CITY OF PRAIRIE DU CHIEN

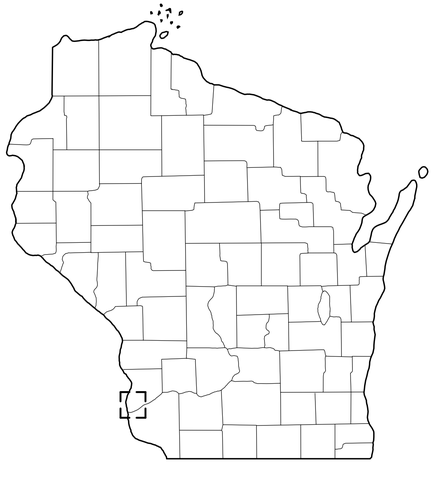
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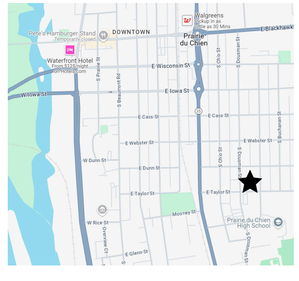
BIDDING DOCUMENTS

705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI
FOR CONSTRUCTION

STAMPS

LOCATION MAP





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THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/5/2026 8:37:47 AM

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PUBLIC SAFETY FACILITY
705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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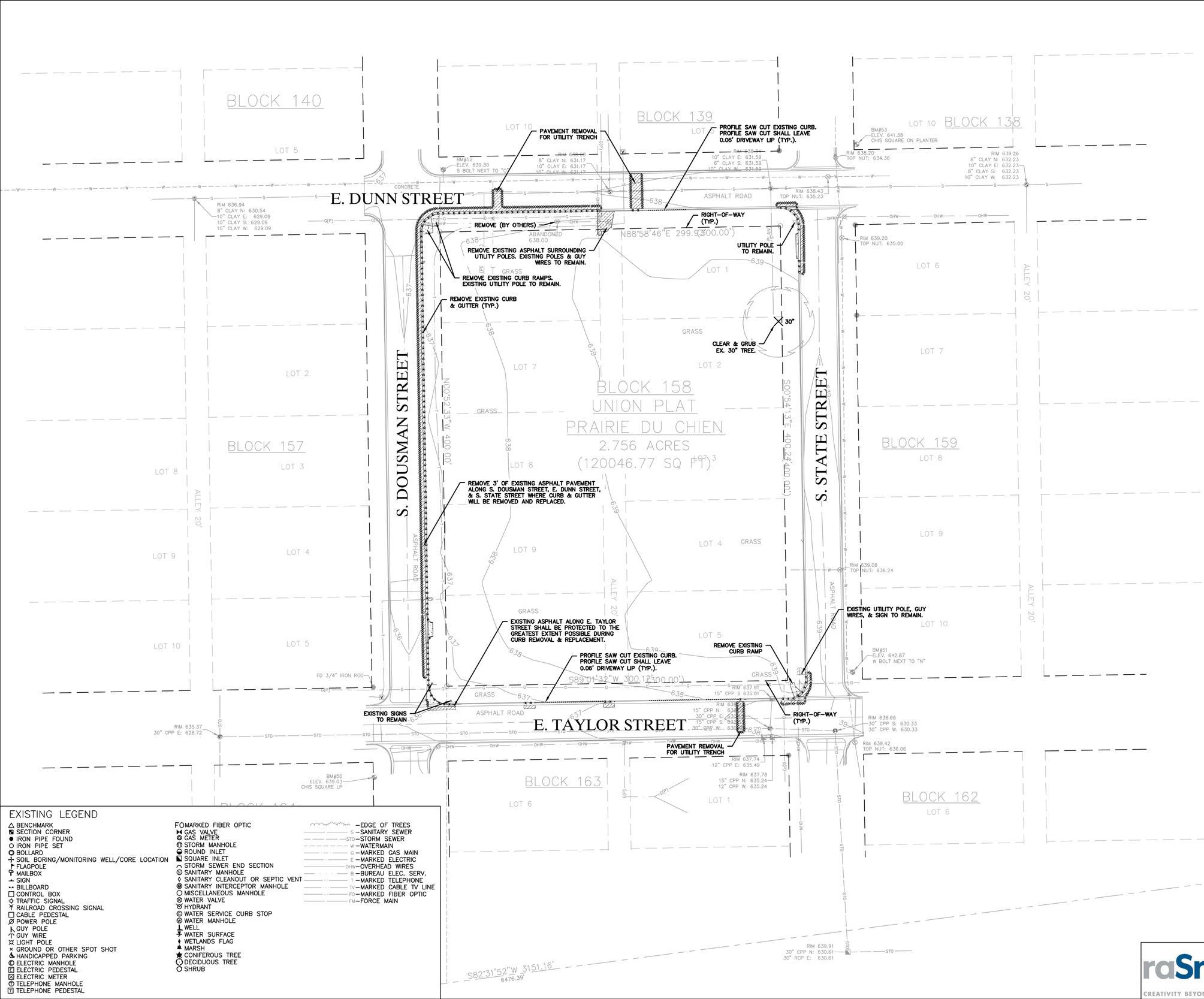
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

COVER SHEET

G001



N

GRAPHIC SCALE

20 0 20 40 80

(IN FEET)

PROPOSED LEGEND

- REMOVE CONCRETE PAVEMENT
- REMOVE ASPHALT PAVEMENT
- REMOVE CURB & GUTTER
- SAWCUT EXISTING PAVEMENT
- PROFILE SAW CUT CURB

EXISTING LEGEND

- BENCHMARK
- SECTION CORNER
- IRON PIPE FOUND
- IRON PIPE SET
- BOLLARD
- SOIL BORING/MONITORING WELL/CORE LOCATION
- FLAGPOLE
- MAILBOX
- SIGN
- BILLBOARD
- CONTROL BOX
- TRAFFIC SIGNAL
- RAILROAD CROSSING SIGNAL
- CABLE PEDESTAL
- POWER POLE
- GUY POLE
- GUY WIRE
- LIGHT POLE
- GROUND OR OTHER SPOT SHOT
- HANDICAPPED PARKING
- ELECTRIC MANHOLE
- ELECTRIC PEDESTAL
- ELECTRIC METER
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- FOMARKED FIBER OPTIC
- GAS VALVE
- GAS METER
- STORM MANHOLE
- ROUND INLET
- SQUARE INLET
- STORM SEWER END SECTION
- SANITARY MANHOLE
- SANITARY CLEANOUT OR SEPTIC VENT
- SANITARY INTERCEPTOR MANHOLE
- MISCELLANEOUS MANHOLE
- WATER VALVE
- HYDRANT
- WATER SERVICE CURB STOP
- WATER MANHOLE
- WELL
- WATER SURFACE
- WETLANDS FLAG
- MARSH
- CONIFEROUS TREE
- DECIDUOUS TREE
- SHRUB
- EDGE OF TREES
- S – SANITARY SEWER
- STO – STORM SEWER
- W – WATERMAIN
- G – MARKED GAS MAIN
- E – MARKED ELECTRIC
- OHW – OVERHEAD WIRES
- B – BUREAU ELEC. SERV.
- T – MARKED TELEPHONE
- TV – MARKED CABLE TV LINE
- FO – MARKED FIBER OPTIC
- FM – FORCE MAIN

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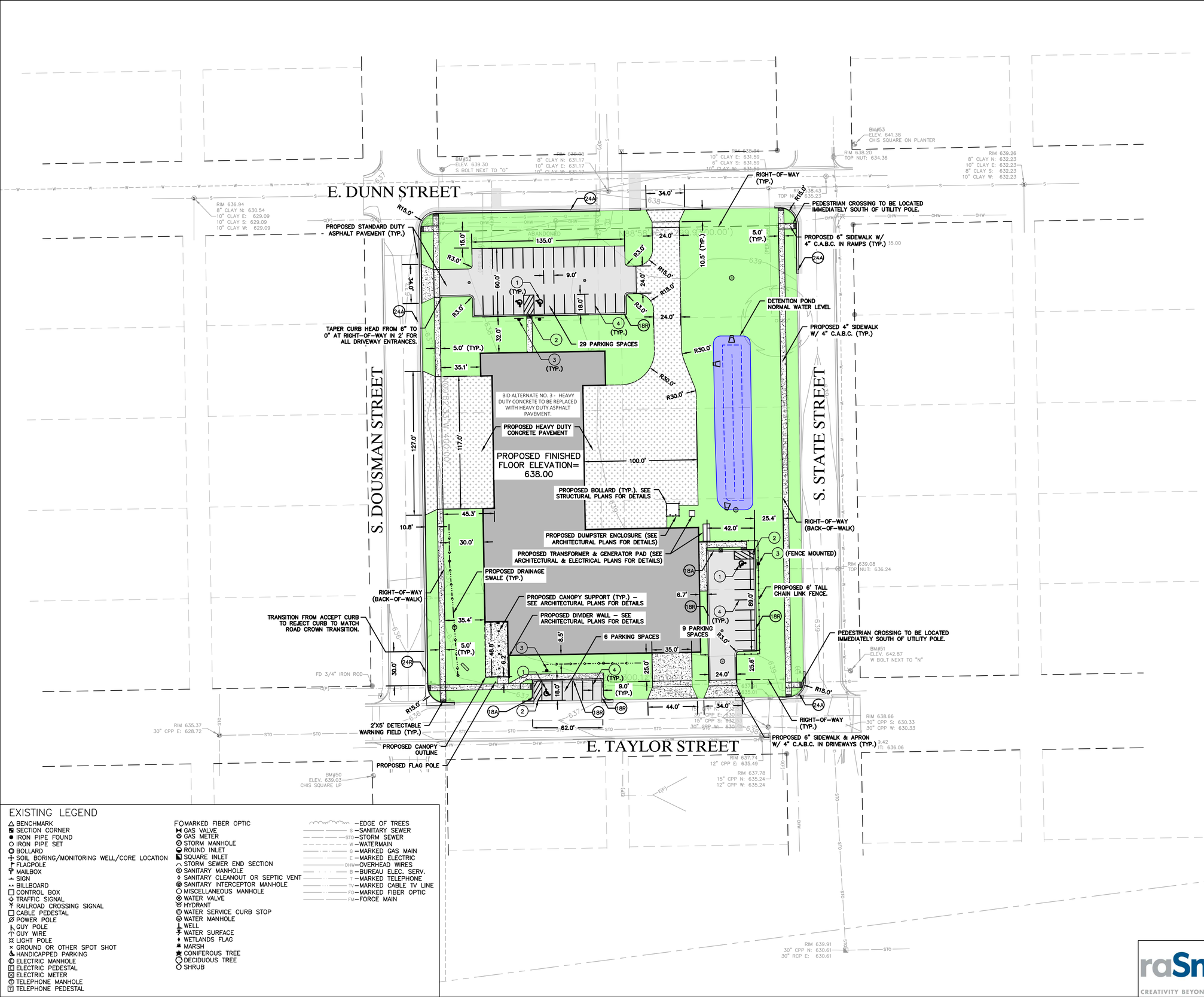
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FOR BID	01/26/26

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

EXISTING CONDITIONS & DEMO PLANS

C100



EXISTING LEGEND

- △ BENCHMARK
- ■ SECTION CORNER
- ● IRON PIPE FOUND
- ○ IRON PIPE SET
- ○ BOLLARD
- ⊕ SOIL BORING/MONITORING WELL/CORE LOCATION
- ⚑ FLAGPOLE
- ⚲ MAILBOX
- ⊸ SIGN
- ⊷ BILLBOARD
- □ CONTROL BOX
- ⊹ TRAFFIC SIGNAL
- ⊹ RAILROAD CROSSING SIGNAL
- □ CABLE PEDESTAL
- ⊘ POWER POLE
- ⅄ GUY POLE
- ⅄ GUY WIRE
- ⋈ LIGHT POLE
- × GROUND OR OTHER SPOT SHOT
- ♿ HANDICAPPED PARKING
- Ⓔ ELECTRIC MANHOLE
- Ⓔ ELECTRIC PEDESTAL
- ⊠ ELECTRIC METER
- Ⓣ TELEPHONE MANHOLE
- Ⓣ TELEPHONE PEDESTAL
- FO MARKED FIBER OPTIC
- ⋈ GAS VALVE
- Ⓖ GAS METER
- Ⓢ STORM MANHOLE
- ◒ ROUND INLET
- ◪ SQUARE INLET
- ◠ STORM SEWER END SECTION
- Ⓢ SANITARY MANHOLE
- ◊ SANITARY CLEANOUT OR SEPTIC VENT
- ◉ SANITARY INTERCEPTOR MANHOLE
- ○ MISCELLANEOUS MANHOLE
- ⊗ WATER VALVE
- ♉ HYDRANT
- Ⓦ WATER SERVICE CURB STOP
- Ⓦ WATER MANHOLE
- ⊥ WELL
- ⊽ WATER SURFACE
- ⚑ WETLANDS FLAG
- ▲ MARSH
- ★ CONIFEROUS TREE
- ◯ DECIDUOUS TREE
- ○ SHRUB
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- TV — MARKED CABLE TV LINE
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- FM — FORCE MAIN

N

GRAPHIC SCALE
20 0 20 40 80
(IN FEET)

PROPOSED LEGEND

- PROPOSED STANDARD DUTY BITUMINOUS PAVEMENT (SEE DETAIL)
- PROPOSED HEAVY DUTY CONCRETE (SEE DETAIL)
- PROPOSED BUILDING FOOTPRINT
- PROPOSED CONCRETE SIDEWALK & DRIVEWAY
- 4" TOPSOIL, SEED, & MULCH
- PROPOSED POND NORMAL WATER LEVEL
- PROPOSED CURB & GUTTER
- PROPOSED SWALE
- (1) PAVEMENT MARKING - ADA PARKING SYMBOL (SEE DETAIL ON SHEET C502)
- (2) PAVEMENT MARKING - ACCESSIBLE AISLE, 4-INCH, WHITE (3' O.C. SPACING)
- (3) POST OR FENCE MOUNTED ADA SIGNAGE (SEE DETAIL ON SHEET C502)
- (4) PAVEMENT MARKING, 4-INCH WHITE
- (18R) PROPOSED 18" REJECT CURB & GUTTER (2% PAN SLOPE)
- (18A) PROPOSED 18" ACCEPT CURB & GUTTER (-2% PAN SLOPE)
- (24R) PROPOSED 24" REJECT CURB & GUTTER (2% PAN SLOPE)
- (24A) PROPOSED 24" ACCEPT CURB & GUTTER (-2% PAN SLOPE)

NOTES:

1. DIMENSIONS ARE TO FACE-OF-CURB OR EDGE-OF-PAVEMENT.
2. RADIUS DIMENSIONS ARE TO FACE-OF-CURB OR EDGE-OF- PAVEMENT.
3. CONTRACTOR SHALL PROVIDE A HEAVY DUTY CONCRETE PAVEMENT JOINTING PLAN FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.
4. BID ALTERNATE 3 - SEE SHEET C502 FOR HEAVY DUTY ASPHALT PAVEMENT DETAILS.

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PRAIRIE DU CHIEN, WI

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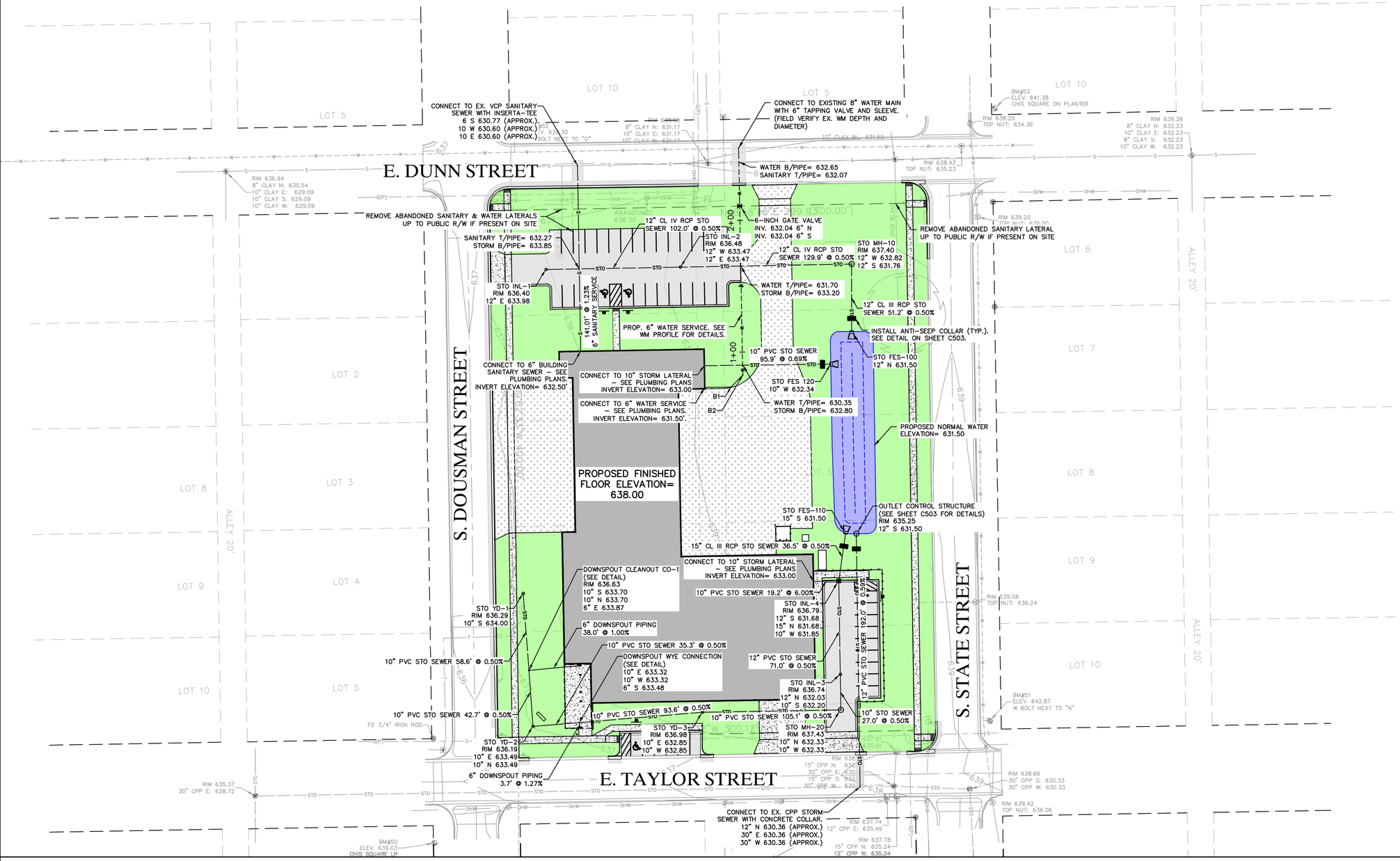
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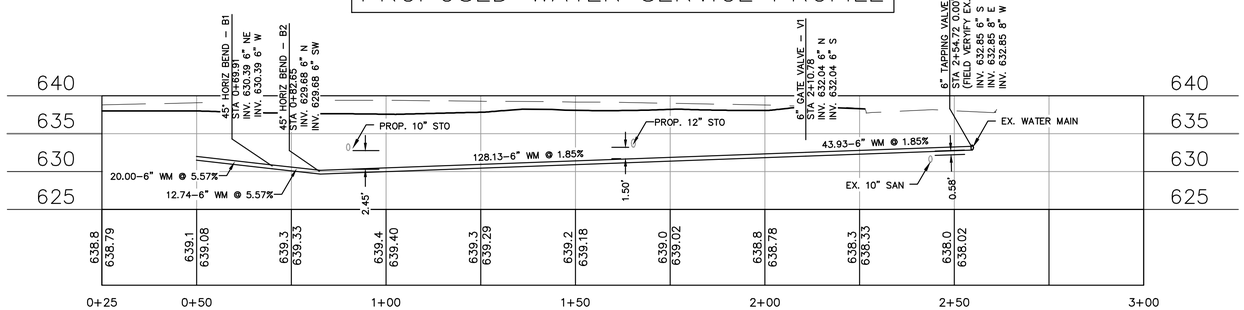
REV. #	DESCRIPTION	DATE

SITE PLAN

C200



PROPOSED WATER SERVICE PROFILE



GRAPHIC SCALE
20 0 20 40 80
(IN FEET)

UTILITY NOTES:

1. ALL PIPE LENGTHS ARE FROM CENTER-TO-CENTER OF STRUCTURE.
2. THE CONTRACTOR SHALL VERIFY AND LOCATE THE LOCATION AND ELEVATION OF THE BUILDING UTILITY CONNECTIONS WITH THE BUILDING CONTRACTOR.

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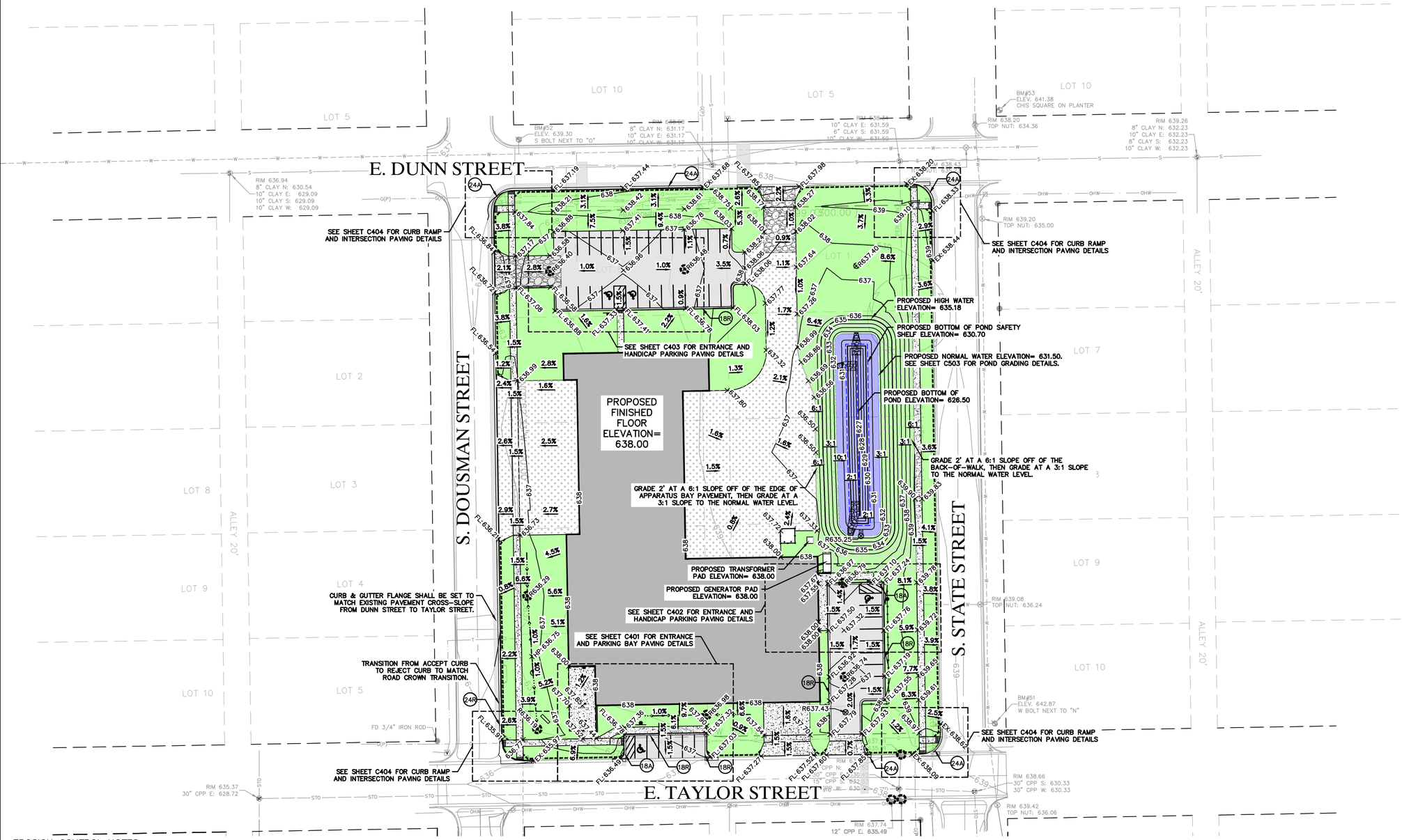
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REV. #	DESCRIPTION	DATE

UTILITY PLAN

C300



N

GRAPHIC SCALE

20 0 20 40 80

(IN FEET)

LEGEND

- PROPOSED STONE TRACKING PAD (WDNR TECH. STANDARD 1057)
- PROPOSED CLASS I TYPE A EROSION CONTROL MAT (WDNR TECH. STANDARD 1052)
- PROPOSED INLET PROTECTION, TYPE-B (WDNR TECH. STANDARD 1060)
- PROPOSED SILT FENCE (WDNR TECH. STANDARD 1056)
- PROPOSED FINISHED SLOPE
- 2.0% — PROPOSED CONTOUR & SPOT GRADE
- 600 / 600.00 — EXISTING CONTOUR & SPOT GRADE
- 600 / 600.00 — EXISTING SPOT GRADE TO MATCH
- × EX: 600.00 — FINISHED PAVEMENT SPOT GRADE
- × 600.00 — FINISHED FLOWLINE SPOT GRADE
- × FL: 600.00 — FINISHED RIM SPOT GRADE
- ×R600.00 — PROPOSED 18" REJECT CURB & GUTTER (2% PAN SLOPE)
- 18R — PROPOSED 18" ACCEPT CURB & GUTTER (-2% PAN SLOPE)
- 18A — PROPOSED 24" REJECT CURB & GUTTER (2% PAN SLOPE)
- 24R — PROPOSED 24" ACCEPT CURB & GUTTER (-2% PAN SLOPE)
- 24A

NOTES:

1. ELEVATIONS ARE TO FLOWLINE OR EDGE-OF-PAVEMENT.
2. ALL SIDEWALKS SHALL BE CONSTRUCTED AT A 1.5% CROSS-SLOPE IN THE DIRECTION INDICATED IN THE PLAN SET.

EROSION CONTROL NOTES:

1. STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE. STABILIZE AS INDICATED IN THE LEGEND.
2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING COPIES OF ALL PERMITS. CONTRACTOR IS RESPONSIBLE FOR ABIDING BY ALL PERMIT REQUIREMENTS AND RESTRICTIONS.
3. ALL INSTALLATION AND MAINTENANCE OF EROSION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE APPLICABLE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) TECHNICAL STANDARD.
4. ALL EROSION CONTROL FACILITIES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT AND WARRANTY PERIOD IN CONFORMANCE WITH THE DNR WPDES GENERAL PERMIT.
5. ALL EROSION AND SEDIMENTATION CONTROL PRACTICES SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE DURING A 24 HOUR PERIOD. NEEDED REPAIRS WILL BE MADE IMMEDIATELY.
6. ALL DISTURBED GROUND LEFT INACTIVE FOR FOURTEEN DAYS OR MORE SHALL BE STABILIZED WITH TOPSOIL, SEED, AND MULCH IN ACCORDANCE WITH THE WDNR TECHNICAL STANDARDS 1059 AND 1058.
7. TEMPORARY SEED MIXTURE SHALL CONFORM TO 630.2.1.5.1.4 OF THE WISDOT STANDARD SPECIFICATIONS. USE WINTER WHEAT OR RYE FOR FALL PLANTINGS STARTED AFTER SEPTEMBER 1.
8. DISTURBED AREAS THAT CANNOT BE STABILIZED WITH A DENSE GROWTH OF VEGETATION BY SEEDING AND MULCHING DUE TO TEMPERATURE OR TIMING OF CONSTRUCTION, SHALL BE STABILIZED BY APPLYING ANIONIC POLYACRYLAMIDE (PAM) IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1050.
9. SEDIMENT WILL BE REMOVED FROM BEHIND THE SILT FENCE WHEN IT REACHES HALF THE HEIGHT OF THE FENCE. THE SILT FENCE SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER.
10. ALL WATER FROM CONSTRUCTION DEWATERING SHALL BE TREATED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1061 PRIOR TO DISCHARGE TO WATERS OF THE STATE, WETLANDS, OR OFFSITE.
11. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION. ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED. DEPENDING ON HOW THE CONTRACTOR GRADES THE SITE, IT MAY BE NECESSARY TO INSTALL TEMPORARY SEDIMENT TRAPS IN VARIOUS LOCATIONS THROUGHOUT THE PROJECT. TEMPORARY SEDIMENT TRAPS SHALL BE DESIGNED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1063.
12. ANY SEDIMENT TRACKED ONTO A PUBLIC OR PRIVATE ROAD SHOULD BE REMOVED BY STREET CLEANING, NOT FLUSHING, BEFORE THE END OF EACH WORKING DAY.
13. DUST CONTROL SHALL BE PROVIDED AS NECESSARY IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1068.
14. FINAL STABILIZATION OF LANDSCAPED AREAS SHALL BE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN.
15. ALL SEEDED AREAS WILL BE FERTILIZED, RESEEDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE APPROVED LANDSCAPE PLAN TO MAINTAIN A VIGOROUS DENSE VEGETATIVE COVER.
16. IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
17. IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
18. MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.

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Project Owner

CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY
705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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SEH Project	PDCAR 177629
Checked By	BLH
Drawn By	JWF

Project Status	Issue Date
FOR BID	01/26/26

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

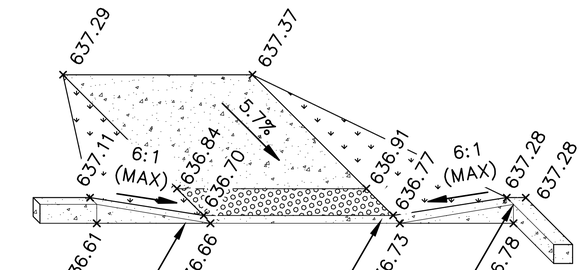
GRADING PLAN

C400

PROPOSED BUILDING ENTRANCE

PROPOSED FINISHED FLOOR ELEVATION= 638.00

SECTION A–A (CURB RAMP DETAIL)
NOT TO SCALE



PROVIDE A 3' GRADED FLARE FROM RAMP OPENING TO 6" CURB HEAD (TYP.)

PROVIDE A 0.04' CURB RAMP LIP.

THE 3' CURB RAMP FLARE SHALL TERMINATE AT THE NORTH FACE–OF–CURB.

CUT ELEVATIONS ALONG E. TAYLOR STREET ASSUME A PROFILE SAW CUT PARKING BAY LIP 0.06' HIGHER THAN THE EXISTING FLOWLINE ELEVATION.

E. TAYLOR STREET

N

GRAPHIC SCALE
2.5 0 2.5 5 10
(IN FEET)

LEGEND

2.0% →	PROPOSED FINISHED SLOPE
600	PROPOSED CONTOUR & SPOT GRADE
— — 600 — —	EXISTING CONTOUR & SPOT GRADE
× 600.00	FINISHED SURFACE SPOT GRADE
× EX: 600.00	EXISTING SPOT GRADE TO MATCH
× FL: 600.00	PROPOSED FLOWLINE SPOT GRADE
× TC: 600.00	PROPOSED TOP-OF- CURB SPOT GRADE
× BC: 600.00	PROPOSED BOTTOM-OF-CURB SPOT GRADE
×CUT: 600.00	APPROXIMATE GRADE AFTER PROFILE SAW CUTTING OPERATIONS HAVE BEEN COMPLETE
× RIM: 600.00	INLET/YARD DRAIN RIM ELEVATION
18R	PROPOSED 18" REJECT CURB & GUTTER (2% PAN SLOPE)
18A	PROPOSED 18" ACCEPT CURB & GUTTER (-2% PAN SLOPE)
24R	PROPOSED 24" REJECT CURB & GUTTER (2% PAN SLOPE)
24A	PROPOSED 24" ACCEPT CURB & GUTTER (-2% PAN SLOPE)

NOTES:

1. THE ACCESSIBLE PARKING STALL & ISLE SHALL NOT EXCEED A 2% SLOPE IN ANY DIRECTION.
2. RAMP LANDINGS SHALL NOT EXCEED A 2% SLOPE IN ANY DIRECTION.
3. THE CROSS SLOPE OF THE SIDEWALK SHALL NOT EXCEED 2%.
4. DIMENSIONS ARE TO FACE-OF- CURB OR EDGE-OF-PAVEMENT.
5. RADIUS DIMENSIONS ARE TO FACE-OF-CURB OR EDGE-OF- PAVEMENT.

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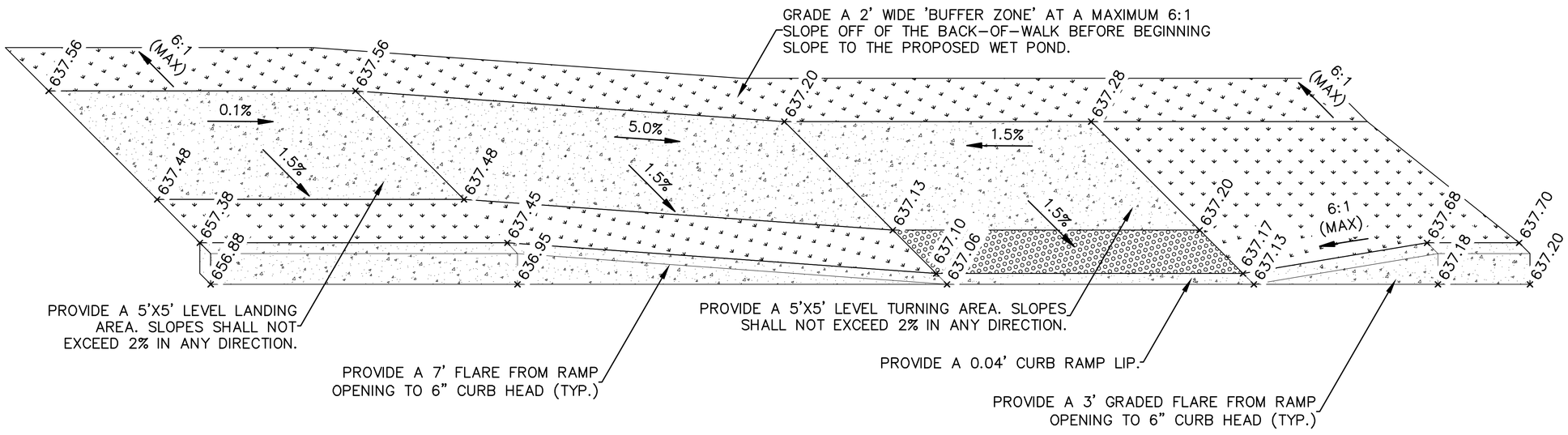
REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

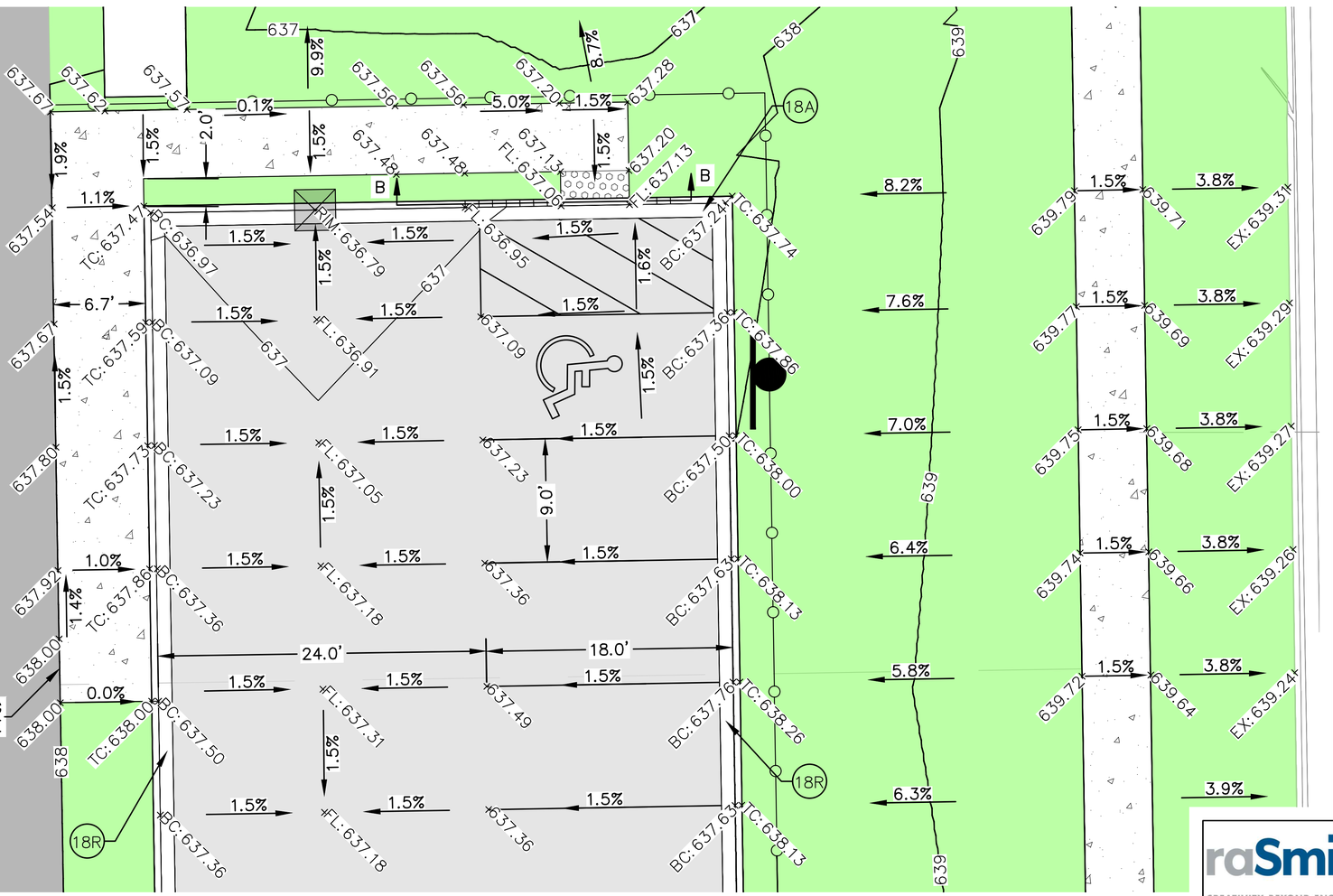
PARKING BAY PAVING DETAILS

C401

SECTION B–B (CURB RAMP DETAIL)
NOT TO SCALE



PROPOSED FINISHED FLOOR ELEVATION= 638.00



N

GRAPHIC SCALE
2.5 0 2.5 5 10
(IN FEET)

LEGEND

2.0%	PROPOSED FINISHED SLOPE
600	PROPOSED CONTOUR & SPOT GRADE
— —600— —	EXISTING CONTOUR & SPOT GRADE
× 600.00	FINISHED SURFACE SPOT GRADE
× EX: 600.00	EXISTING SPOT GRADE TO MATCH
× FL: 600.00	PROPOSED FLOWLINE SPOT GRADE
× TC: 600.00	PROPOSED TOP-OF- CURB SPOT GRADE
× BC: 600.00	PROPOSED BOTTOM-OF-CURB SPOT GRADE
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24A	PROPOSED 24" ACCEPT CURB & GUTTER (-2% PAN SLOPE)

NOTES:

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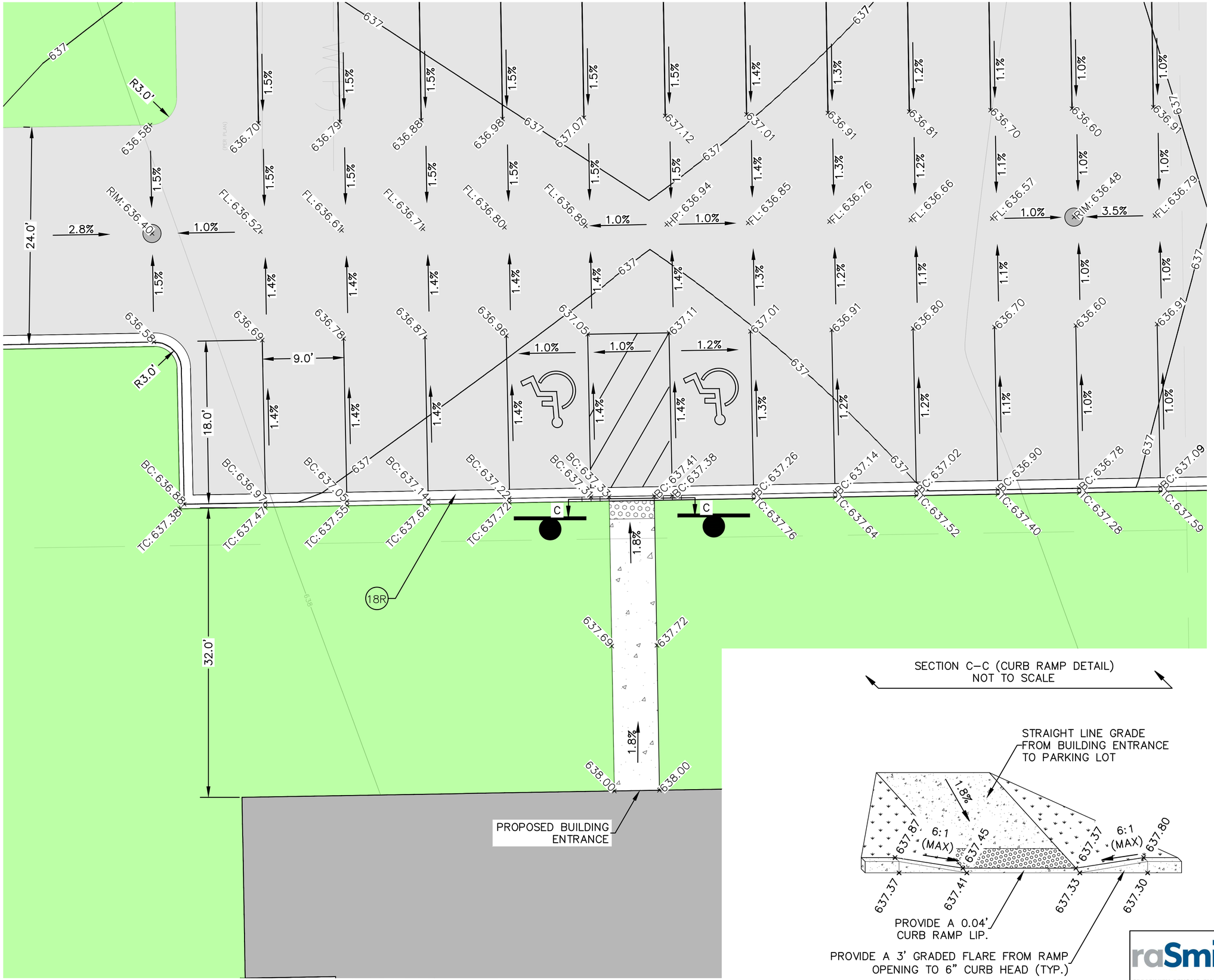
Project Status	**Issue Date**
FOR BID	01/26/26

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

SOUTH LOT ACCESSIBLE PARKING STALL PAVING DETAILS

C402



SECTION C–C (CURB RAMP DETAIL)
NOT TO SCALE

N

GRAPHIC SCALE
2.5 0 2.5 5 10
(IN FEET)

LEGEND

- 2.0% — PROPOSED FINISHED SLOPE
- 600 — PROPOSED CONTOUR & SPOT GRADE
- — —600— — EXISTING CONTOUR & SPOT GRADE
- × 600.00 — FINISHED SURFACE SPOT GRADE
- × EX: 600.00 — EXISTING SPOT GRADE TO MATCH
- × FL: 600.00 — PROPOSED FLOWLINE SPOT GRADE
- × TC: 600.00 — PROPOSED TOP-OF- CURB SPOT GRADE
- × BC: 600.00 — PROPOSED BOTTOM-OF-CURB SPOT GRADE
- ×RIM: 600.00 — INLET/YARD DRAIN RIM ELEVATION
- 18R — PROPOSED 18" REJECT CURB & GUTTER (2% PAN SLOPE)
- 18A — PROPOSED 24" ACCEPT CURB & GUTTER (-2% PAN SLOPE)
- 24R — PROPOSED 24" REJECT CURB & GUTTER (-2% PAN SLOPE)
- 24A

NOTES:

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5. RADIUS DIMENSIONS ARE TO FACE-OF-CURB OR EDGE-OF- PAVEMENT.

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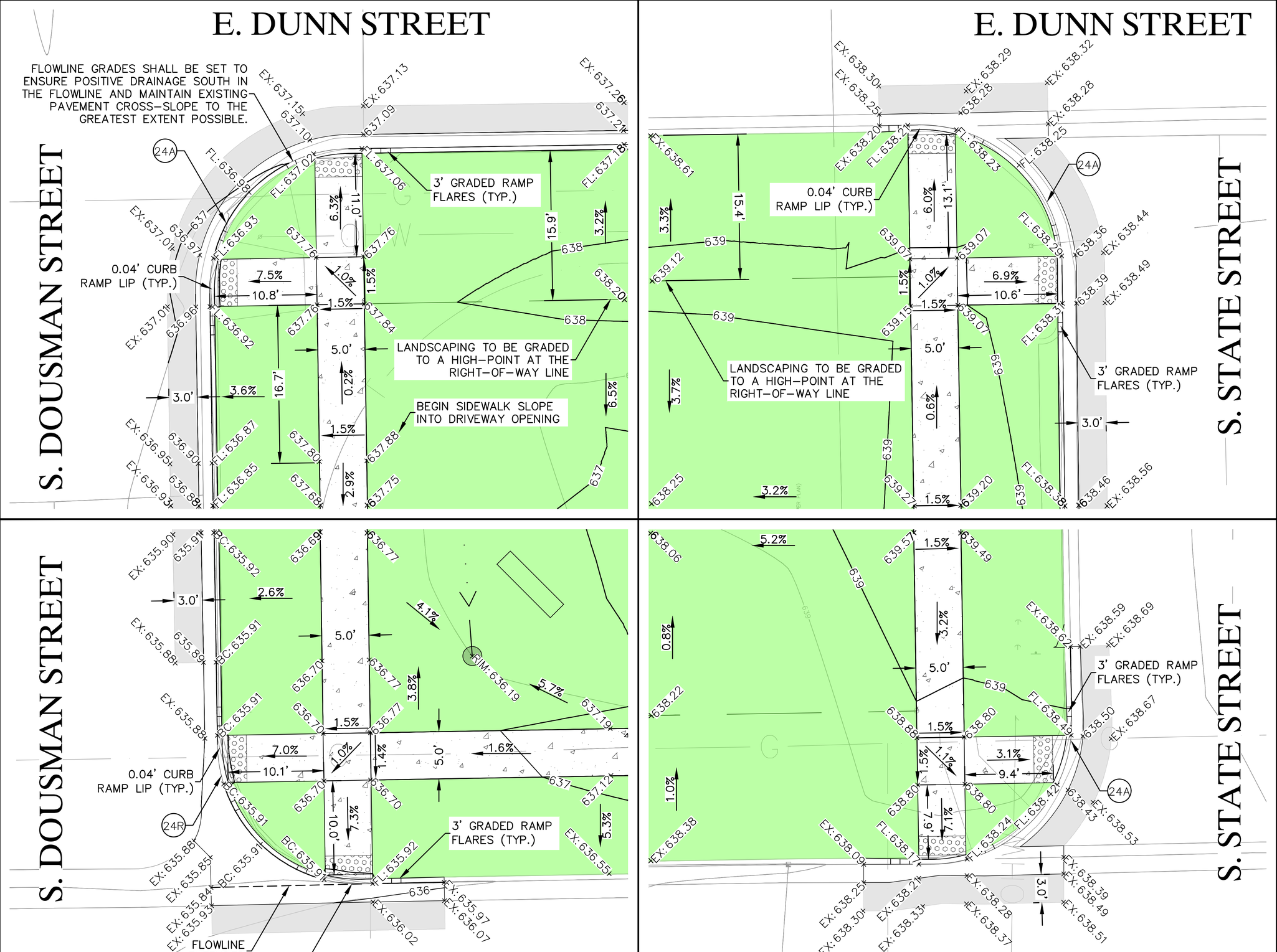
Project Status	**Issue Date**
FOR BID	01/26/26

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

NORTH LOT ACCESSIBLE PARKING STALL PAVING DETAILS

C403



N

GRAPHIC SCALE
2.5 0 2.5 5 10
(IN FEET)

LEGEND

2.0%	PROPOSED FINISHED SLOPE
600	PROPOSED CONTOUR & SPOT GRADE
600	EXISTING CONTOUR & SPOT GRADE
× 600.00	FINISHED SURFACE SPOT GRADE
× EX: 600.00	EXISTING SPOT GRADE TO MATCH
× FL: 600.00	PROPOSED FLOWLINE SPOT GRADE
× TC: 600.00	PROPOSED TOP-OF- CURB SPOT GRADE
× BC: 600.00	PROPOSED BOTTOM-OF-CURB SPOT GRADE
× RIM: 600.00	INLET/YARD DRAIN RIM ELEVATION
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NOTES:

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2. THE CROSS SLOPE OF THE SIDEWALK SHALL NOT EXCEED 2%.
3. DIMENSIONS ARE TO FACE-OF- CURB OR EDGE-OF-PAVEMENT.
4. RADIUS DIMENSIONS ARE TO FACE-OF-CURB OR EDGE-OF- PAVEMENT.

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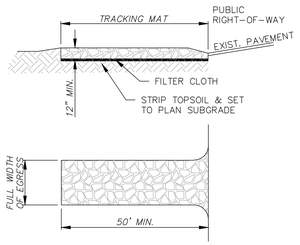
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Project Status	Issue Date
FOR BID	01/26/26

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

INTERSECTION CURB RAMP PAVING DETAILS

C404



CONSIDERATIONS:

1. TIRE WASHING AND TRACKING PAD TO CONFORM TO WDNR CONSERVATION PRACTICE STANDARD 1057.
2. VEHICLES TRAVELING ACROSS THE TRACKING PAD SHOULD MAINTAIN A SLOW CONSTANT SPEED.
3. THE BEST APPROACH TO PREVENTING OFF-SITE TRACKING IS TO RESTRICT VEHICLES TO STABILIZED AREAS.
4. IT IS ALWAYS PREFERABLE TO PREVENT SEDIMENT FROM BEING DEPOSITED UPON THE ROAD THAN CLEANING THE ROAD LATER. SEDIMENT ON A ROAD CAN CREATE A SAFETY HAZARD AS WELL AS A POLLUTION PROBLEM.
5. ANY SEDIMENT TRACKED ONTO A PUBLIC OR PRIVATE ROAD SHOULD BE REMOVED BY STREET CLEANING, NOT FLUSHING, BEFORE THE END OF EACH WORKING DAY.

NOTES:

A. TRACKING PAD:

1. THE TRACKING PAD SHALL BE INSTALLED PRIOR TO ANY TRAFFIC LEAVING THE SITE.
2. THE AGGREGATE FOR THE TRACKING PAD SHALL BE HARD, DURABLE, ANGULAR STONE OR RECYCLED CONCRETE MEETING THE GRADATION OF TABLE 1 OF THE WISCONSIN DNR TECHNICAL STANDARD 1057. WHERE THIS GRADATION IS NOT AVAILABLE, MEET THE GRADATION IN WISCONSIN DEPARTMENT OF TRANSPORTATION (DOT) 2018 STANDARD SPECIFICATION, SECTION 312, SELECT CRUSHED MATERIAL.
3. THE AGGREGATE SHALL BE PLACED IN A LAYER AT LEAST 12 INCHES THICK. ON SITES WITH A HIGH WATER TABLE, OR WHERE SATURATED CONDITIONS ARE EXPECTED DURING THE LIFE OF THE PRACTICE, STONE TRACKING PADS SHALL BE UNDERLAIN WITH A WISDOT TYPE R GEOTEXTILE FABRIC TO PREVENT MIGRATION OF UNDERLYING SOIL INTO THE STONE.
4. THE TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT. THE TRACKING PAD SHALL BE A MINIMUM OF 50 FEET LONG.
5. SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY FROM TRACKING PADS OR CONVEYED UNDER AND AROUND THEM BY USING A VARIETY OF PRACTICES, SUCH AS CULVERTS, WATER BARS, OR OTHER SIMILAR PRACTICES.

B. TIRE WASHING:

IF CONDITIONS ON THE SITE ARE SUCH THAT THE SEDIMENT IS NOT REMOVED FROM VEHICLE TIRES BY THE TRACKING PAD, THEN TIRES SHALL BE WASHED UTILIZING PRESSURIZED WATER BEFORE ENTERING A PUBLIC ROAD.

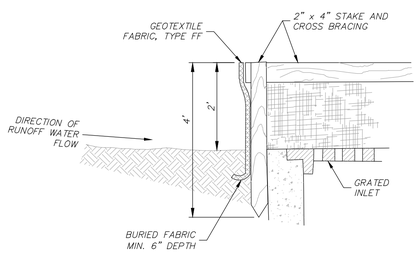
1. THE WASHING STATION SHALL BE LOCATED ON-SITE ON AN AREA THAT IS STABILIZED AND DRAINS INTO A SUITABLE SEDIMENT TRAPPING OR SETTLING DEVICE.
2. THE WASH RACK SHALL CONSIST OF A HEAVY GRATING OVER A LOWERED AREA. THE RACK SHALL BE STRONG ENOUGH TO SUPPORT THE VEHICLES THAT WILL CROSS IT.

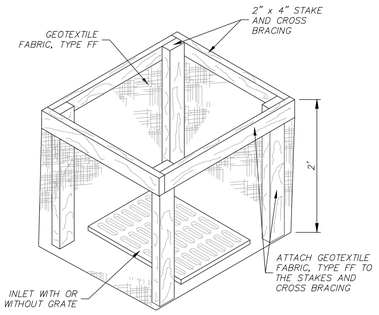
C. MAINTENANCE

1. ROCKS LODGED BETWEEN THE TIRES IF DUAL WHEEL VEHICLES SHALL BE REMOVED PRIOR TO LEAVING THE CONSTRUCTION SITE.
2. TRACKING PADS AND TIRE WASHING STATIONS SHALL, AT AT MINIMUM, BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE DURING A 24-HOUR PERIOD.
3. THE TRACKING PAD PERFORMANCE SHALL BE MAINTAINED BY SCRAPING OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.
4. A MINIMUM 12-INCH THICK PAD SHALL BE MAINTAINED.

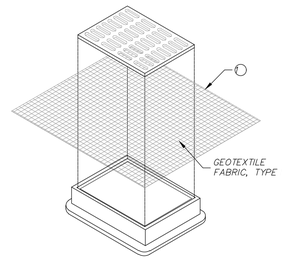
STONE TRACKING PAD AND TIRE WASHING

(NOT TO SCALE)



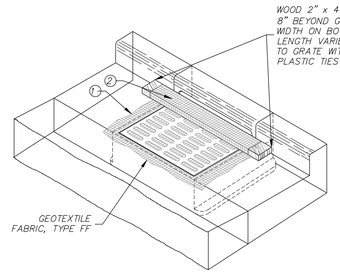


INLET PROTECTION, TYPE A



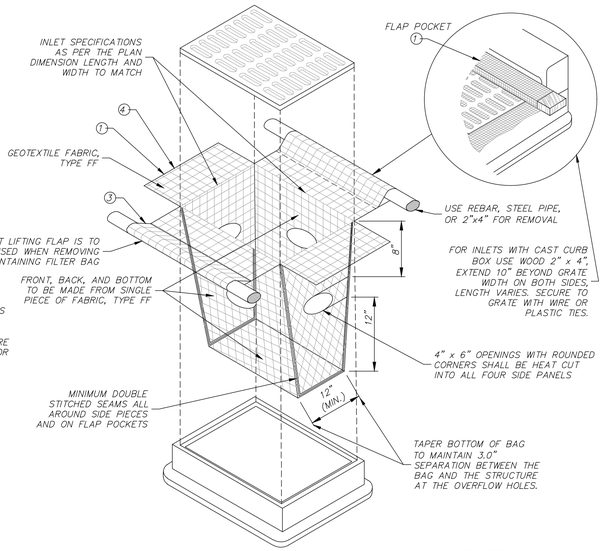
INLET PROTECTION, TYPE B

(WITHOUT CURB BOX)
(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C

(WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE 2)

*NOTE: DEPENDING ON EXPOSED SOIL TEXTURE, TYPE D-M OR TYPE D-HR INLET PROTECTION MAY BE USED IN PLACE OF TYPE D.

1. FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
2. FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
3. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4. THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE REAR FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE OPENING.
4. SIDE FLAPS SHALL BE A MAXIMUM OF 2" LONG. FOLD THE FABRIC OVER AND REINFORCE WITH MULTIPLE STITCHES.

GENERAL NOTES:

INLET PROTECTION DEVICES SHALL CONFORM TO WDNR CONSERVATION PRACTICE STANDARD 1060 AND BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE WISDOT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED IF ALLOWED BY ENGINEER.

TYPE A IS TO BE USED PRIOR TO PAVING AND INSTALLATION OF CURB AND GUTTER, AND TYPES B, C, AND D ARE TO BE USED AFTER PAVING IS PLACED.

TYPE A SHALL BE USED AROUND INLETS AND UNPAVED AREAS UNTIL PERMANENT STABILIZATION METHODS HAVE BEEN ESTABLISHED.

TYPE B SHALL BE USED AFTER THE CASTING AND GRATE ARE IN PLACE, ON INLETS WITHOUT A CURB BOX WHEN TYPE D INLET DEVICES CANNOT BE USED.

TYPE C SHALL BE USED AFTER THE CASTING AND GRATE ARE IN PLACE, ON STREET INLETS WITH CURB HEADS.

TYPE D SHALL BE USED IN AREAS WHERE OTHER TYPES OF INLET PROTECTION ARE INCOMPATIBLE WITH ROADWAY AND TRAFFIC CONDITIONS (I.E. POSSIBLE SAFETY HAZARD IF PONDING OCCURS), OR WHERE MORE EFFECTIVE INLET FILTERING IS NEEDED.

TAPER BOTTOM OF BAG TO MAINTAIN 3" OF CLEARANCE BETWEEN THE BAG AND THE STRUCTURE, MEASURED FROM THE BOTTOM OF THE OVERFLOW OPENINGS TO THE STRUCTURE WALL.

GEOTEXTILE FABRIC TYPE FF FOR FLAPS, TOP AND BOTTOM OF OUTSIDE OF FILTER BAG. FRONT, BACK, AND BOTTOM OF FILTER BAG BEING ONE PIECE.

INSTALLATION NOTES:

TYPE B & C:
TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D:
DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

MAINTENANCE:

REMOVE INLET PROTECTION DEVICES ONCE THE CONTRIBUTING DRAINAGE AREA IS STABILIZED WITH APPROPRIATE VEGETATION OR IMPERVIOUS SURFACE.

INLET PROTECTION SHALL BE, AT A MINIMUM, INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE DURING A 24-HOUR PERIOD.

FOR TYPE A, B OR C INLET PROTECTION, SEDIMENT DEPOSITS SHALL BE REMOVED AND THE INLET PROTECTION DEVICE RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED BETWEEN 1/3 TO 1/2 THE DESIGN DEPTH OF THE DEVICE, OR WHEN THE DEVICE IS NO LONGER FUNCTIONING AS DESIGNED.

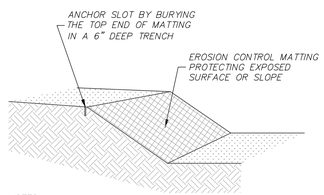
FOR TYPE D INLET PROTECTION (INCLUDING D-M AND D-HR), REMOVE SEDIMENT WHEN SEDIMENT ACCUMULATES TO WITHIN 6" OF THE BOTTOM OF THE OVERFLOW HOLES, OR WHEN STANDING WATER REMAINS WITHIN 6" OF THE BOTTOM OF THE OVERFLOW HOLES 24 HOURS AFTER A RUNOFF EVENT. HOLES IN THE TYPE FF FABRIC MAY BE REPAIRED BY STITCHING IF LESS THAN 2" IN LENGTH, BUT THE FABRIC SHOULD BE REPLACED IF THE HOLES ARE GREATER THAN 2" IN LENGTH IN THE TYPE FF FABRIC OR IF THERE ARE ANY HOLES IN THE TYPE HR FABRIC. THE FILTER MUST ALSO BE REPLACED IF THE FLAP POCKETS SUSTAIN DAMAGE THAT COMPROMISES FILTER INTEGRITY OR THE ABILITY TO PERFORM MAINTENANCE.

REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND STABILIZED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, DUE CARE SHALL BE TAKEN TO ENSURE SEDIMENT DOES NOT FALL INTO THE INLET AND IMPEDE THE INTENDED FUNCTION OF THE DEVICE. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

STORM DRAIN INLET PROTECTION

(NOT TO SCALE)



NOTES:
1. PRIOR TO THE INSTALLATION OF ANY EROSION CONTROL MATTING, ALL ROCKS, DIRT CLODS, STUMPS, ROOTS, TRASH AND ANY OTHER OBSTRUCTIONS WHICH WOULD PREVENT THE MAT FROM LAYING IN DIRECT CONTACT WITH THE SOIL SHALL BE REMOVED.
2. EROSION CONTROL MATTING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 628 OF THE WISCONSIN DOT STANDARD SPECIFICATIONS, DNR TECHNICAL STANDARD 1052 (NON CHANNEL APPLICATIONS) AND LATEST MANUFACTURER SPECIFICATIONS, ESPECIALLY NOTING REQUIRED STAPLE PATTERNS AND ANCHOR TRENCH REQUIREMENTS.
3. INSTALLATION PROCEDURES MUST INSURE THAT THE MAT WILL REMAIN IN CONTACT WITH THE SOIL.
4. THE MATTING SHALL BE ANCHORED PER MANUFACTURER REQUIREMENTS
5. THE MATTING SHALL BE ANCHORED TO THE GROUND PER MANUFACTURER REQUIREMENTS
6. MATTED AREAS MUST BE INSPECTED ON A WEEKLY BASIS, AND AFTER EACH SIGNIFICANT RAINFALL. BARE SPOTS, MISSING OR LOOSENED MATTING MUST BE IMMEDIATELY REPLACED AND/OR RE-ANCHORED.
7. FOR CHANNEL APPLICATIONS, EXTEND MAT UPSLOPE ONE-FOOT MINIMUM VERTICALLY FROM DITCH BOTTOM OR SIX-INCHES HIGHER THAN DESIGN FLOW, WHICHEVER IS GREATER.

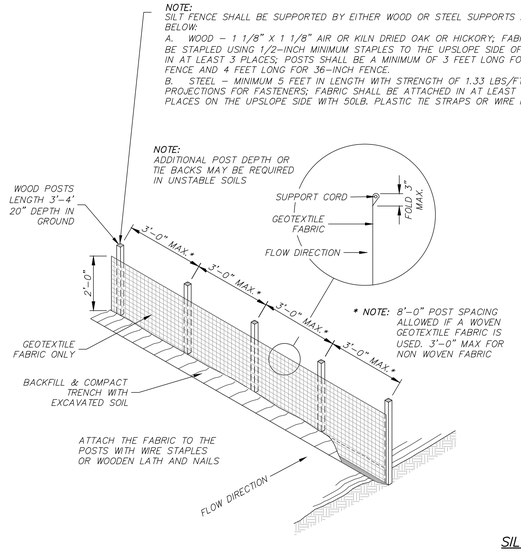
EROSION CONTROL MATTING

(NOT TO SCALE)

NOTES:
1. SILT FENCE INSTALLATION AND MATERIALS SHALL CONFORM TO WDNR CONSERVATION STANDARD 1056
2. SILT FENCE SHALL BE PLACED ON THE CONTOUR AND NOT PERPENDICULAR TO THE CONTOUR. THE ENDS SHALL BE EXTENDED UPSLOPE TO PREVENT WATER FROM FLOWING AROUND THE ENDS OF THE FENCE.
3. WHEN SILT FENCE IS INSTALLED ON A SLOPE, THE PARALLEL SPACING SHALL NOT EXCEED THE REQUIREMENTS IN THE TABLE BELOW:

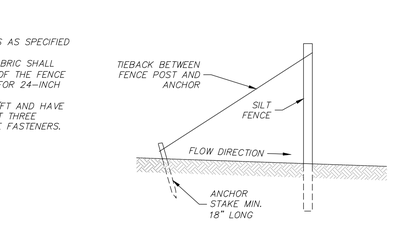
SLOPE	FENCE SPACING
< 2%	100 FEET
2 TO 5%	75 FEET
5 TO 10%	50 FEET
10 TO 33%	25 FEET
> 33%	20 FEET

4. INSTALLED SILT FENCES SHALL BE MINIMUM 14 INCHES HIGH AND A MAXIMUM OF 28 INCHES IN HEIGHT MEASURED FROM THE INSTALLED GROUND ELEVATION.
5. A MINIMUM OF 20 INCHES OF THE POST SHALL EXTEND INTO THE GROUND AFTER INSTALLATION.
6. SILT FENCE SHALL BE ANCHORED BY SPREADING AT LEAST 8 INCHES OF THE FABRIC IN A 4-INCH TRENCH WIDE BY 6-INCH DEEP TRENCH, OR 6-INCH V-TRENCH ON THE UPSLOPE SIDE OF THE FENCE. TRENCH SHALL BE BACKFILLED AND COMPACTED. TRENCHES SHALL NOT BE EXCAVATED WIDER THAN NECESSARY FOR PROPER INSTALLATION.
7. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS:
   A) TWIST METHOD--OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES.
   B) HOOK METHOD--HOOK THE END OF EACH SILT FENCE LENGTH.
8. SILT FENCE SHALL AT A MINIMUM BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EACH PRECIPITATION EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE DURING A 24-HOUR PERIOD.
9. DAMAGED OR DECOMPOSED FENCES, UNDERCUTTING, OR FLOW CHANNELS AROUND THE END OF BARRIERS SHALL BE REPAIRED OR CORRECTED.
10. SEDIMENT SHALL BE PROPERLY DISPOSED OF ONCE THE DEPOSITS REACH ONE HALF THE HEIGHT OF THE FENCE.
11. SILT FENCES SHALL BE REMOVED ONCE THE DISTURBED AREA IS PERMANENTLY STABILIZED AND IS NO LONGER SUSCEPTIBLE TO EROSION.



SILT FENCE

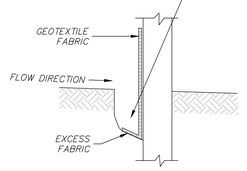
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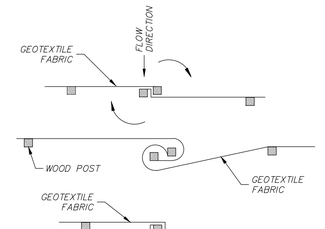
SILT FENCE TIE BACK

(WHEN ADDITIONAL SUPPORT IS REQUIRED)

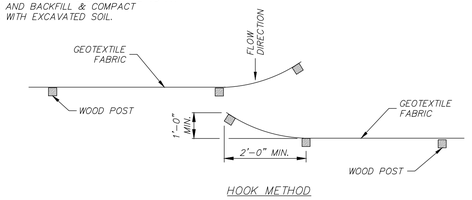
NOTES:
1. TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.



TRENCH DETAIL



TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE

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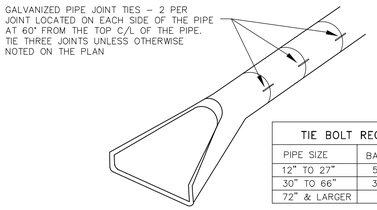
Project Status FOR BID
Issue Date 01/26/26

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

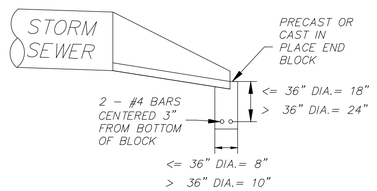
CONSTRUCTION DETAILS

C500

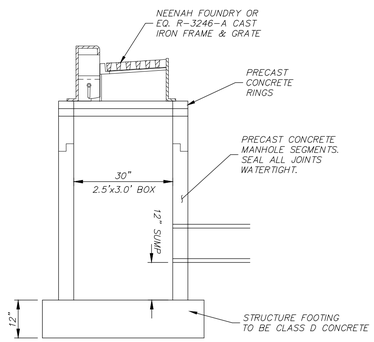


TIE BOLT REQUIREMENTS		
PIPE SIZE	BAR DIA.	BOLTS
12" TO 27"	5/8"	32"
30" TO 66"	3/4"	32"
72" & LARGER	1"	32"

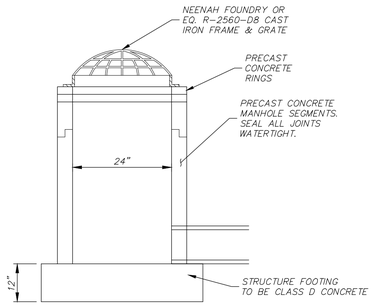
CONCRETE APRON JOINT TIES
(NOT TO SCALE)



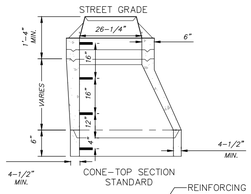
END SECTION DETAIL
(NOT TO SCALE)



STORM SEWER CATCH BASIN
(NOT TO SCALE)

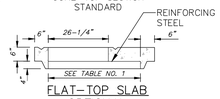


STORM SEWER YARD DRAIN
(NOT TO SCALE)





TYPE 1 FRAME/CHIMNEY JOINT REQUIRED ON ALL SANITARY MANHOLES UNLESS OTHERWISE SPECIFIED. TYPE III JOINT REQUIRED ON ALL STORM MANHOLES.



FLAT-TOP SLAB OPTIONAL

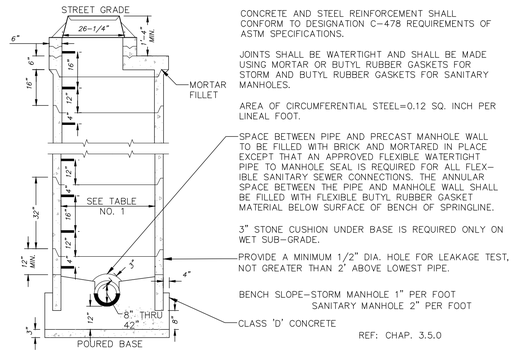
FLAT TOP SLAB MAY BE USED FOR 5'–0" AND 6'–0" DIA. MANHOLES.

ADJUST FRAME TO GRADE WITH BRICK OR CONCRETE RINGS OF VARIABLE THICKNESS, MAXIMUM RING HEIGHT=6", MINIMUM RING HEIGHT=2". CONCRETE RINGS SHALL BE REINFORCED WITH ONE LINE OF STEEL CENTERED WITHIN THE RING. WHERE NECESSARY RINGS SHALL BE GROOVED TO RECEIVE STEP.

CONCRETE AND STEEL REINFORCEMENT SHALL CONFORM TO DESIGNATION C-478 REQUIREMENTS OF ASTM SPECIFICATIONS.

JOINTS SHALL BE WATERTIGHT AND SHALL BE MADE USING MORTAR OR BUTYL RUBBER GASKETS FOR STORM AND BUTYL RUBBER GASKETS FOR SANITARY MANHOLES.

AREA OF CIRCUMFERENTIAL STEEL=0.12 SQ. INCH PER LINEAL FOOT.



REF: CHAP. 3.5.0

PIPE DIA.	MANHOLE DIA.	WALL THICKNESS
8" THRU 27"	3'–6"	4 1/2"
30"	4'–0"	5"
36"	5'–0"	6"
42"	6'–0"	7"

PRECAST MANHOLE

NOT TO SCALE
JAN. 2, 1992

FILE NO. 12

MANHOLE STRUCTURE DETAIL PER FILE NO. 12, STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN WISCONSIN
(NOT TO SCALE)

MANHOLE & INLET & CATCH BASIN NOTES:

INLET (INL)
REFER TO FILE No. 12 (STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, DETAIL ON THIS SHEET – ABOVE) EXCEPT:

A. USE NEENAH CASTING R-3067 WITH TYPE C GRATE AT ALL CURB INLET LOCATIONS. USE NEENAH CASTING R-2050 WITH TYPE C GRATE AT ALL PAVED FIELD INLET AREAS UNLESS OTHERWISE NOTED ON PLANS.
B. USE 48" MINIMUM DIAMETER UNLESS INDICATED OTHERWISE ON PLAN

CONTRACTOR RESPONSIBLE FOR VERIFYING REQUIRED CASTING IS COMPATIBLE WITH STRUCTURE. IF NOT COMPATIBLE, CONTACT ENGINEER IMMEDIATELY FOR POSSIBLE REDESIGN.

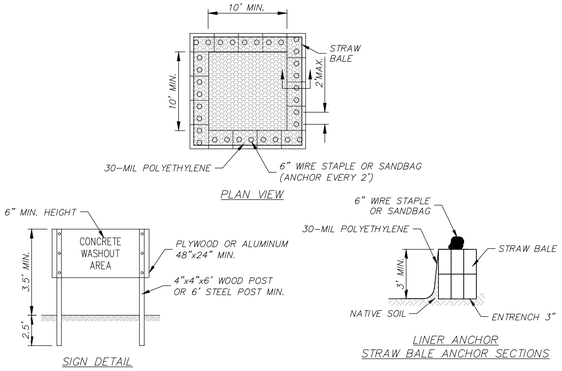
CATCH BASIN (CB)
REFER TO FILE No. 12 (STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, DETAIL ON THIS SHEET – ABOVE) EXCEPT:

A. USE NEENAH CASTING R-3067 WITH TYPE C GRATE AT ALL CURB INLET LOCATIONS. USE NEENAH CASTING R-2050 WITH TYPE C GRATE AT ALL PAVED FIELD INLET AREAS UNLESS OTHERWISE NOTED ON PLANS.
B. USE 48" MINIMUM DIAMETER UNLESS INDICATED OTHERWISE ON PLAN
C. STRUCTURE SHALL HAVE 1' DEEP SUMP UNLESS INDICATED OTHERWISE ON PLAN.

CONTRACTOR RESPONSIBLE FOR VERIFYING REQUIRED CASTING IS COMPATIBLE WITH STRUCTURE. IF NOT COMPATIBLE, CONTACT ENGINEER IMMEDIATELY FOR POSSIBLE REDESIGN.

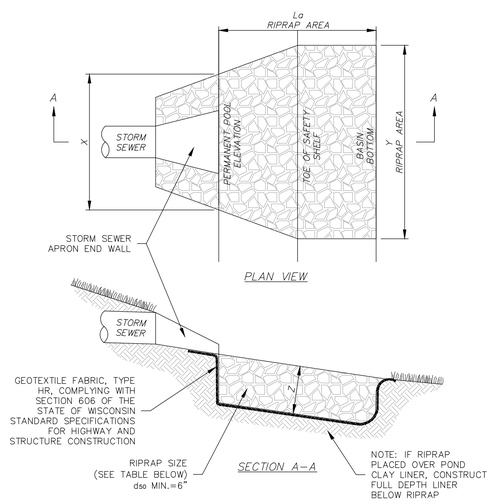
MANHOLE (MH)
REFER TO FILE No. 12 (STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, DETAIL ON THIS SHEET), EXCEPT:

A. USE NEENAH R-1661 FRAME AND GRATE WITH SELF SEALING LID AND CONCEALED PICK-HOLES, OR EQUIVALENT.
B. CONTRACTOR RESPONSIBLE FOR VERIFYING REQUIRED CASTING IS COMPATIBLE WITH STRUCTURE. IF NOT COMPATIBLE, CONTACT ENGINEER IMMEDIATELY FOR POSSIBLE REDESIGN.
C. USE 48" MINIMUM DIAMETER UNLESS INDICATED OTHERWISE ON PLAN.
D. CONCRETE BENCHES ARE OPTIONAL UNLESS INDICATED OTHERWISE ON PLAN.
E. CONCRETE ADJUSTING RINGS SHALL BE SET IN A FULL BED OF MORTAR. A MINIMUM THICKNESS OF 1/2-INCH OF MORTAR SHALL BE PLACED AND MAINTAINED BETWEEN THE ADJUSTING RINGS AND THE INLET MASONRY AND BETWEEN ALL CONCRETE ADJUSTING RINGS.



NOTES:
1. MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION.
2. FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO–THIRDS FULL.
3. EACH STRAW BALE IS TO BE STAKED IN PLACE USING (2) 2"x2"x4' WOODEN STAKES.

TEMPORARY CONCRETE WASHOUT FACILITY – STRAW BALE

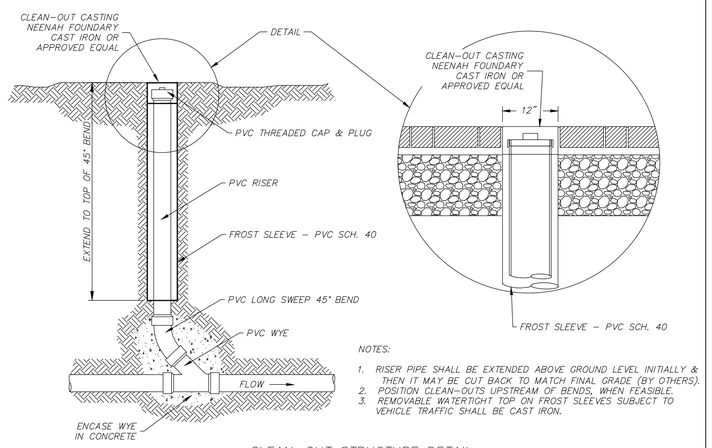


DIMENSIONS

OUTLET	La	X	Y	dso	Z
FES–100	11'	3'	7'	9"	1.5'
FES–110	20'	4'	7'	9"	1.5'
FES–120	11'	3'	7'	9"	1.5'

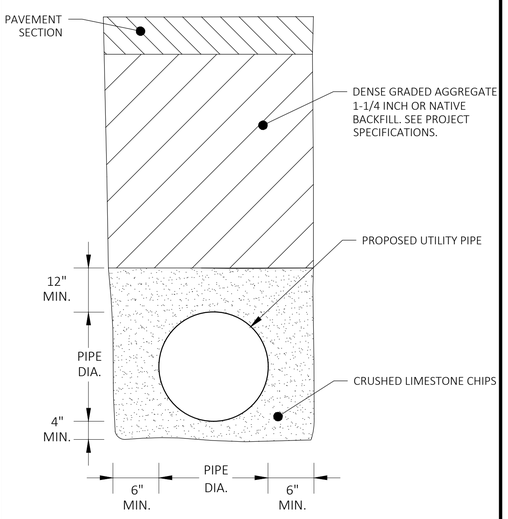
NOTES:
1. RIPRAP SHALL COMPLY WITH THE SECTION 606 OF THE STATE OF WISCONSIN STANDARD FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
2. PLAN VIEW CONTOURS AND GRADES REPRESENT PROPOSED TOP OF RIPRAP ELEVATIONS
3. RIPRAP SHALL CONTINUE TO BASIN BOTTOM AT THE SAME WIDTH PRESCRIBED AT THE TOE OF THE SAFETY SHELF (Y).

RIPRAP DETAIL
(NOT TO SCALE)



NOTES:
1. RISER PIPE SHALL BE EXTENDED ABOVE GROUND LEVEL INITIALLY & THEN IT MAY BE CUT BACK TO MATCH FINAL GRADE (BY OTHERS).
2. POSITION CLEAN–OUTS UPSTREAM OF BENDS, WHEN FEASIBLE.
3. REMOVABLE WATERTIGHT TOP ON FROST SLEEVES SUBJECT TO VEHICLE TRAFFIC SHALL BE CAST IRON.

CLEAN–OUT STRUCTURE DETAIL
(NOT TO SCALE)



NOTES

1. FOR PARALLEL PIPE INSTALLATIONS, ALLOW A MINIMUM OF 12" SPACE BETWEEN PIPES FOR PROPER COMPACTION.

TYPICAL TRENCH SECTION
(NOT TO SCALE)

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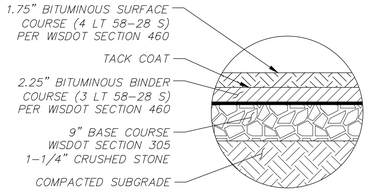
SEH Project	PDCAR 177629
Checked By	BLH
Drawn By	JWF
Project Status	**Issue Date**
FOR BID	01/26/26

REVISION SCHEDULE

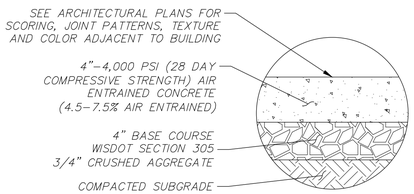
REV. #	DESCRIPTION	DATE

CONSTRUCTION DETAILS

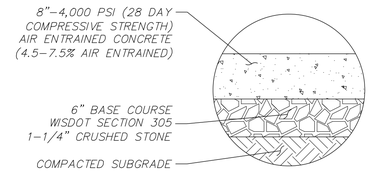
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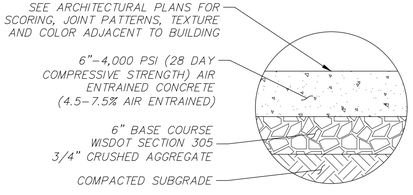
ASPHALT PAVEMENT SECTION
(STANDARD DUTY)
(NOT TO SCALE)



STANDARD CONCRETE SIDEWALK
PAVEMENT SECTION
(NOT TO SCALE)

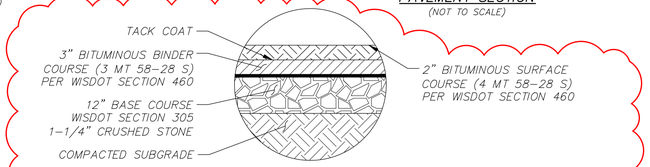


CONCRETE PAVEMENT SECTION
(HEAVY DUTY)
(NOT TO SCALE)

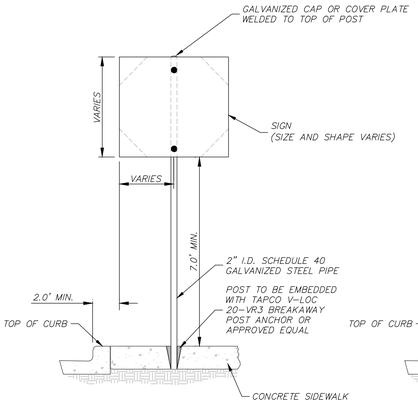


RAMP & DRIVEWAY CONCRETE SIDEWALK
PAVEMENT SECTION
(NOT TO SCALE)

BID ALTERNATE
NO. 3

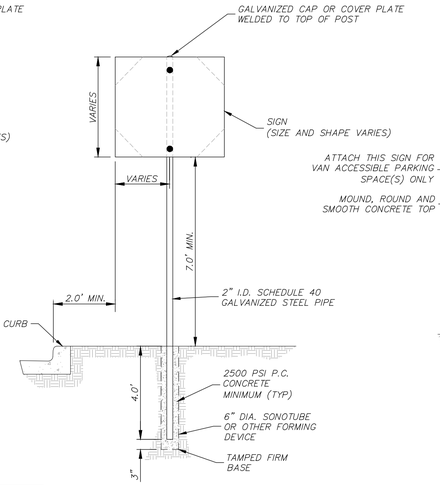


ASPHALT PAVEMENT SECTION
(HEAVY DUTY)
(NOT TO SCALE)

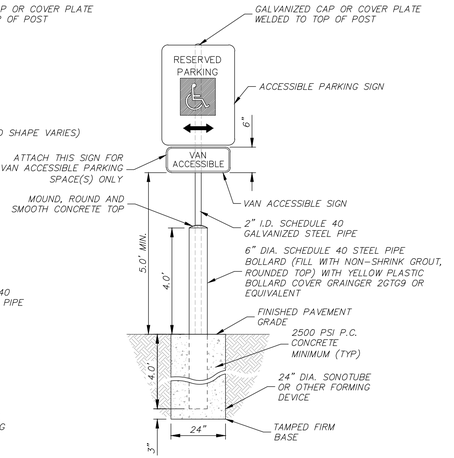


SIGN AND POST
INSTALLATION – TYPE 1
FOR ALL SIGNS WITHIN THE CURB AROUND THE BUILDING
(NOT TO SCALE)

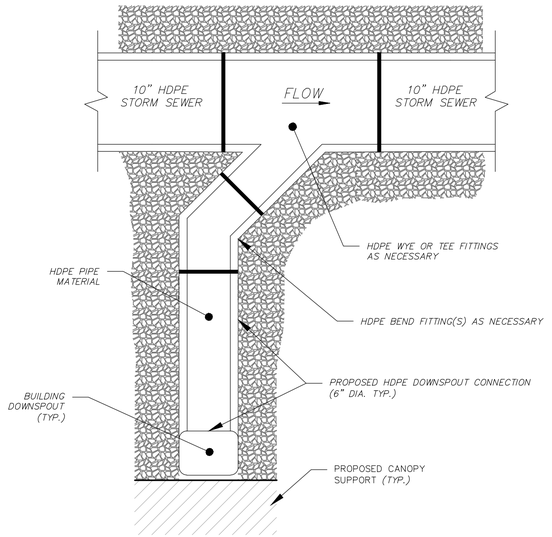
NOTES:
1. ALL SIGNS SHALL BE MOUNTED TO POSTS BY MEANS OF 5/16" BOLTS. HOLES 3/8" IN DIAMETER, DRILLED THROUGH BOTH SIDES OF POSTS PRIOR TO SIGN INSTALLATION.
2. ALL POST SHALL HAVE A GALVANIZED CAP OR COVER PLATE WELDED TO TOP OF POST.

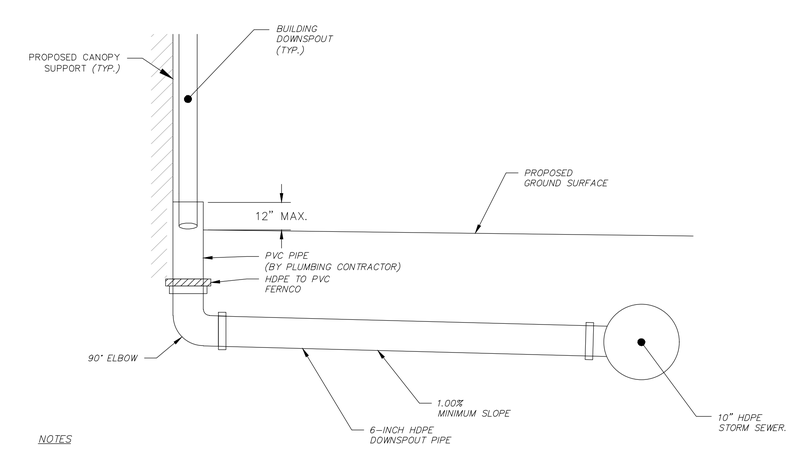


SIGN AND POST
INSTALLATION – TYPE 2
FOR ALL SIGNS ON SITE, OUTSIDE THE BUILDING CURB
(NOT TO SCALE)



SIGN AND POST
INSTALLATION – TYPE 3
FOR ALL ACCESSIBLE PARKING STALLS IN PAVEMENT AREAS
(NOT TO SCALE)

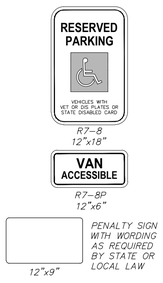




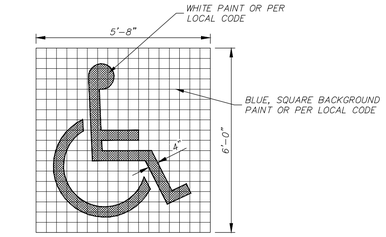
NOTES

1. WATER TIGHT CONNECTIONS SHALL BE MAINTAINED WITH ALL FITTINGS AND PIPE CONNECTIONS.
2. WHEN REQUIRED, REDUCERS FOR DOWNSPOUT PIPE DIAMETER CHANGES SHALL BE ECCENTRIC.
3. SEE SHEET C300 FOR MORE INFORMATION REGARDING THE BUILDING DOWNSPOUT CONNECTION PLAN.

DOWNSPOUT CONNECTION DETAIL
N.T.S.

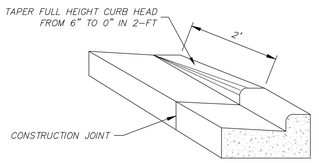


ACCESSIBLE PARKING SIGNS
(NOT TO SCALE)

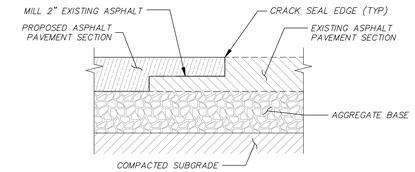


4"x4" GRID FOR LAYOUT PURPOSES ONLY
FOR ALL ACCESSIBLE AND VAN ACCESSIBLE SPACES

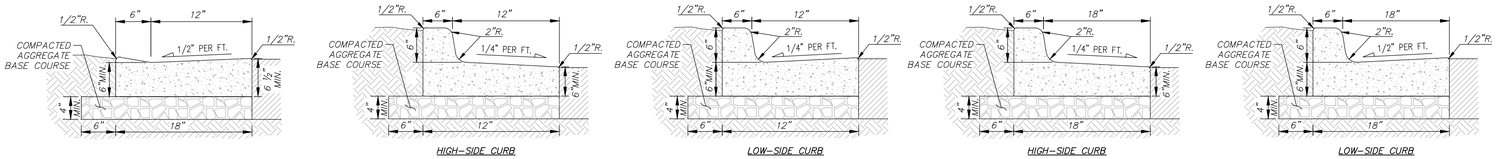
ACCESSIBLE PAINTED SYMBOL DETAIL
(NOT TO SCALE)



CURB HEAD TAPER DETAIL
(NOT TO SCALE)



EXISTING/PROPOSED ASPHALT TRANSITION
(NOT TO SCALE)



DRIVEWAY CURB AND GUTTER 18"
(NOT TO SCALE)

18" CONCRETE CURB & GUTTER DETAIL
(NOT TO SCALE)

24" CONCRETE CURB & GUTTER DETAIL
(NOT TO SCALE)

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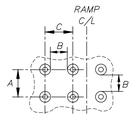
Project Status	**Issue Date**
FOR BID	01/26/26

REVISION SCHEDULE

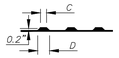
REV. #	DESCRIPTION	DATE

CONSTRUCTION DETAILS

C502



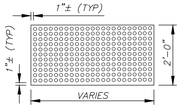
PLAN VIEW



ELEVATION VIEW

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

* THE C DIMENSION IS 50% TO 65% OF THE 'D' DIMENSION.



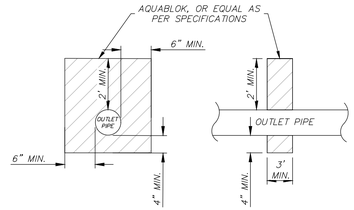
PLAN VIEW

NOTES:

1. DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT.
2. DETECTABLE WARNING FIELDS SHALL BE "NEENAH DETECTABLE WARNING PLATES" 4984, OR EQUIV.
3. CURB RAMP DETECTABLE WARNING FIELDS TO BE INSTALLED 6 TO 8 INCHES FROM THE FACE OF CURB.

DETECTABLE WARNING FIELD DETAIL

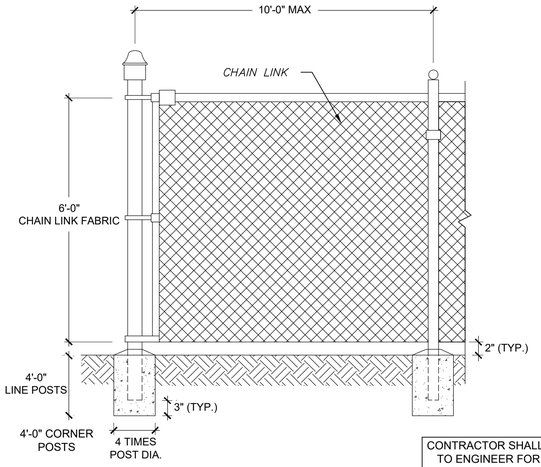
(TRUNCATED DOMES - NOT TO SCALE)



SECTION VIEW PROFILE VIEW

ANTI-SEEP COLLAR

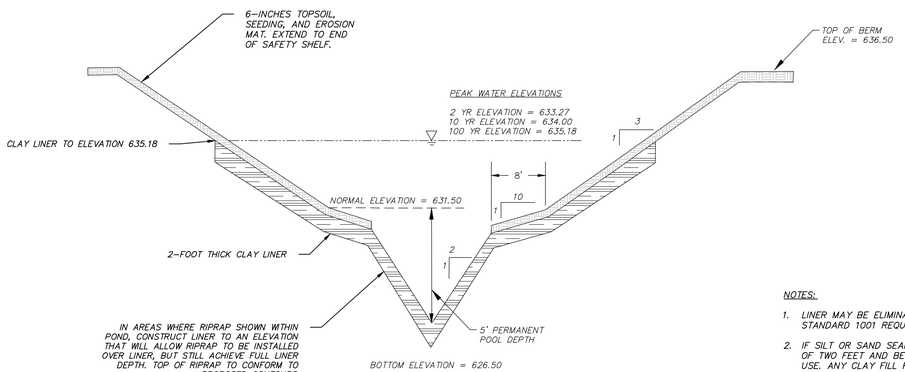
(NOT TO SCALE)



CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR APPROVAL OF THE SIZE, TYPE, AND GAUGE OF MATERIALS THAT WILL BE USED FOR CONSTRUCTION OF A CHAIN LINK FENCE PRIOR TO CONSTRUCTION.

CHAIN LINK FENCE DETAIL

(NOT TO SCALE)

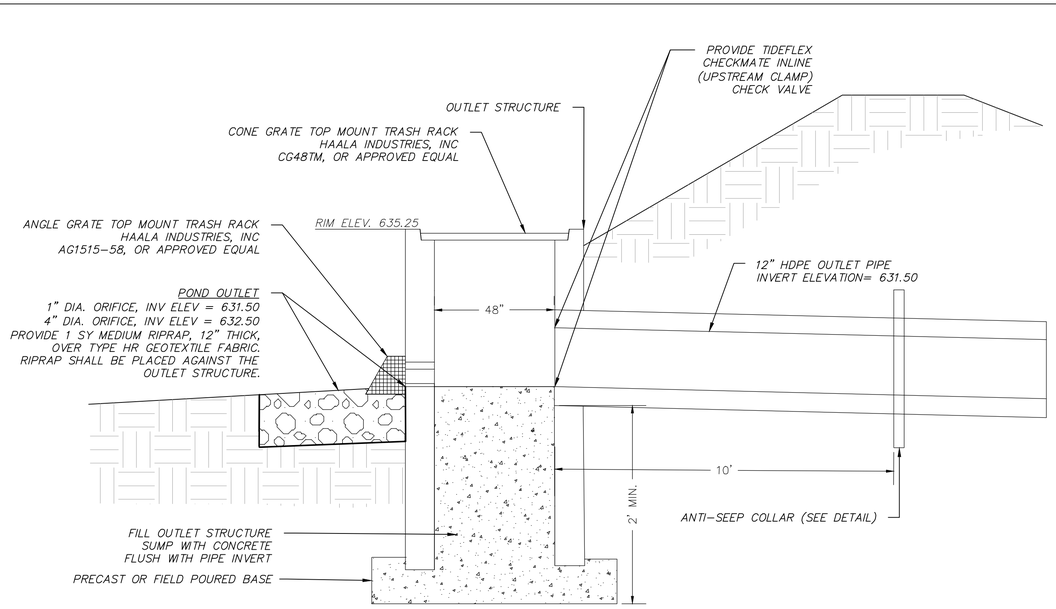


NOTES:

1. LINER MAY BE ELIMINATED WHERE NATIVE SUBGRADE MEETS WDNR TECHNICAL STANDARD 1001 REQUIREMENTS FOR TYPE B CLAY POND LINER.
2. IF SILT OR SAND SEAMS ARE ENCOUNTERED, THEY SHALL BE REMOVED TO A DEPTH OF TWO FEET AND BE REPLACED WITH A LEAN CLAY FILL SUITABLE FOR CLAY LINER USE. ANY CLAY FILL PLACED FOR LINER MATERIAL SHALL BE PLACED IN ONE FOOT LIFTS OR LESS WITH EACH LIFT COMPACTED TO A MINIMUM OF 95% OF THE STANDARD PROCTOR (ASTM D698) MAXIMUM DRY DENSITY.

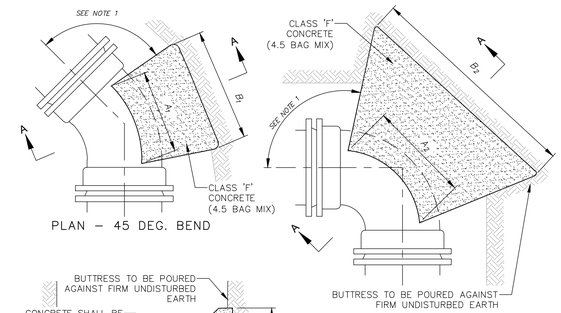
STORMWATER POND CROSS-SECTION

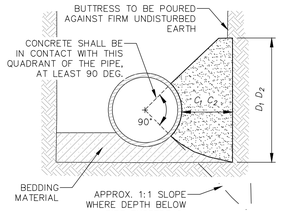
(NOT TO SCALE)



OUTLET CONTROL STRUCTURE

(NOT TO SCALE)





SECTION A-A

DETAIL NOTES:

1. DIMENSION C_1 C_2 SHOULD BE LARGE ENOUGH TO MAKE ANGLE EQUAL TO OR LARGER THAN 45 DEG.
2. DIMENSION A_1 A_2 SHOULD BE AS LARGE AS POSSIBLE WITHOUT INTERFERING WITH M.J. BOLTS.
3. DIMENSIONS IN TABLE ARE BASED ON A WATER PRESSURE OF 150 P.S.I. AND ON EARTH RESISTANCE OF 2 TONS PER SQ. FT.
4. SHAPE OF BACK OF BUTTRESS MAY VARY AS LONG AS POUR IS AGAINST FIRM UNDISTURBED EARTH.
5. ALL IRON PIPE AND FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.

REF: SEC. 4.3.13.

BUTTRESS DIMENSIONS

PIPE SIZE	45 DEG. BENDS		90 DEG. BENDS	
	B_1	D_1	B_2	D_2
4"	0'-10"	1'-3"	1'-6"	1'-4"
6"	1'-4"	1'-8"	2'-2"	1'-10"
8"	1'-11"	2'-0"	3'-0"	2'-4"
10"	1'-11"	2'-0"	3'-0"	2'-4"
12"	2'-1"	2'-6"	3'-7"	2'-8"
16"	3'-0"	3'-0"	5'-6"	3'-0"
20"	3'-9"	3'-9"	6'-9"	3'-9"
24"	4'-7"	4'-3"	8'-4"	4'-4"

BUTTRESS FOR 45 DEG. & 90 DEG. BENDS

(NOT TO SCALE)

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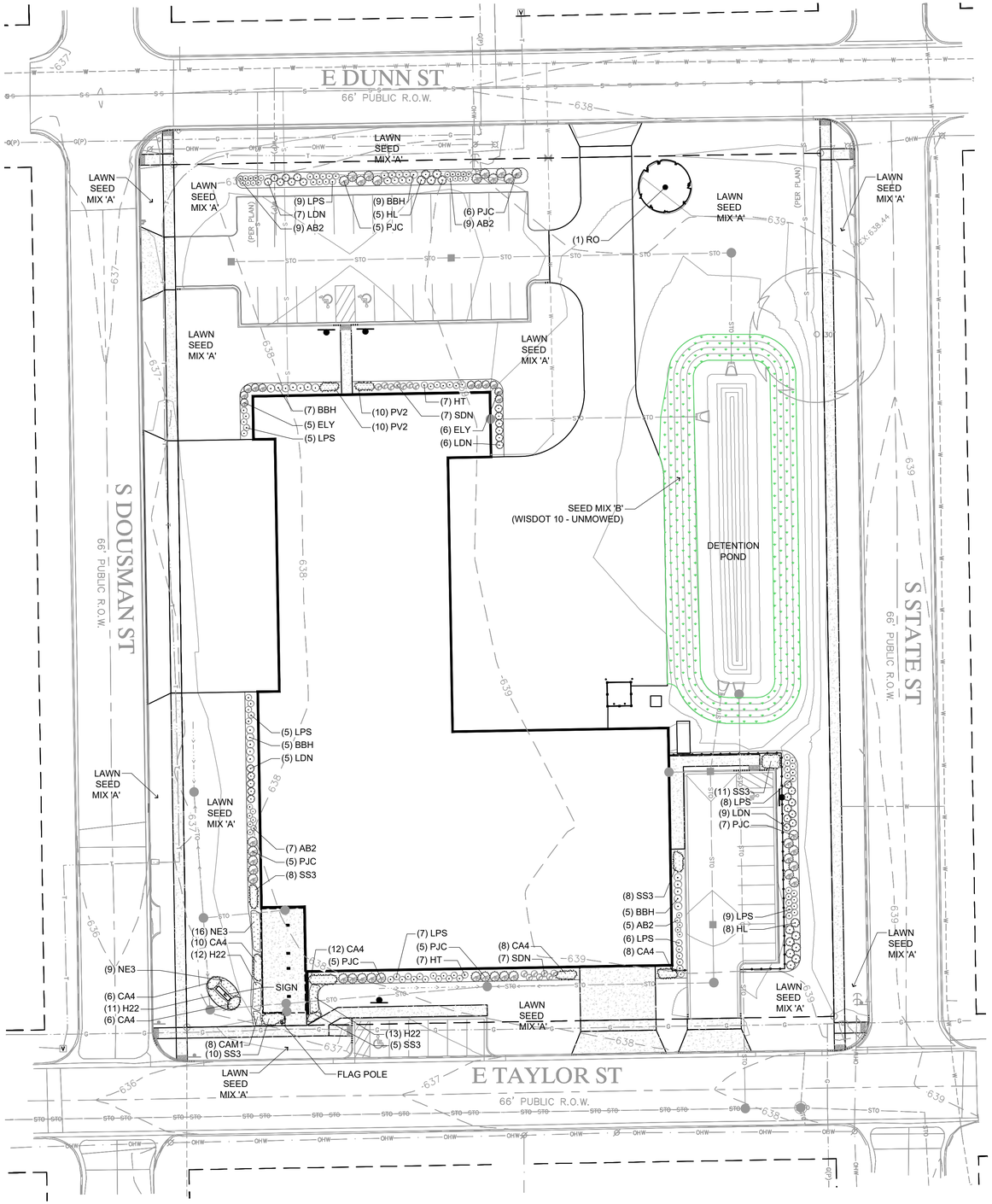
Project Status	**Issue Date**
FOR BID	01/26/26

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

CONSTRUCTION DETAILS

C503



PLANT SCHEDULE

CODE	QTY	COMMON NAME	BOTANICAL NAME	SIZE	ROOT	REMARKS
SHADE TREES						
RO	1	Red Oak	Quercus rubra	2 1/2" CAL	B&B	Spacing as shown
DECIDUOUS SHRUBS						
AB2	30	Low Scape Hedger® Black Chokeberry	Aronia melanocarpa 'UCONNAM166'	15" HT	CONT	Spacing as shown
SDN	14	Nikko Slender Deutzia	Deutzia gracilis 'Nikko'	15" HT	CONT	Spacing as shown
HT	14	Fire Light Tidbit® Hydrangea	Hydrangea paniculata 'SMNHPK'	15" HT	CONT	Spacing as shown
BBH	26	BoBo® Hydrangea	Hydrangea paniculata 'ILVOBO''	15" HT	CONT	Spacing as shown
HL	13	Little Quick Fire® Hydrangea	Hydrangea paniculata 'SMHPLQF'	18" HT	CONT	Spacing as shown
LDN	27	Little Devil™ Ninebark	Physocarpus opulifolius 'Donna May'	18" HT	CONT	Spacing as shown
LPS	49	Little Princess Spirea	Spiraea japonica 'Little Princess'	15" HT	CONT	Spacing as shown
EVERGREEN SHRUBS						
PJC	33	Kallay Compact Pfitzer Juniper	Juniperus chinensis 'Kallays Compact'	18" SPD	CONT	Spacing as shown
ELY	11	Everlow Yew	Taxus x media 'Everlow'	15" HT	B&B	Spacing as shown
ORNAMENTAL GRASSES						
CA4	50	Karl Foerster Feather Reed Grass	Calamagrostis x acutiflora 'Karl Foerster'	1 GAL	CONT	24" Spacing
PV2	20	Cheyenne Sky Switch Grass	Panicum virgatum 'Cheyenne Sky'	1 GAL	CONT	18" Spacing
SS3	42	Carousel Little Bluestem Grass	Schizachyrium scoparium 'Carousel	1 GAL	CONT	24" Spacing
PERENNIALS						
CAM1	8	Montrose White Calamint	Calamintha nepeta 'Montrose White'	4 1/2"	POT	18" Spacing
H22	36	Cherry Cheeks Daylily	Hemerocallis x 'Cherry Cheeks'	4 1/2"	POT	24" Spacing
NE3	25	Walkers Low Catmint	Nepeta x faassenii 'Walkers Low'	4 1/2"	POT	24" Spacing

GRAPHIC SCALE
15 0 15 30 60
(IN FEET)

Know what's **below.**
Call before you dig.

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Drawn By	REW

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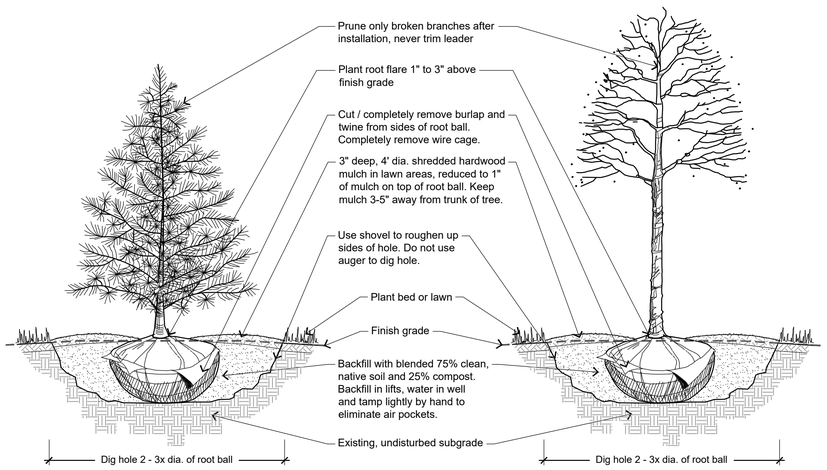
REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

LANDSCAPE PLAN

L100

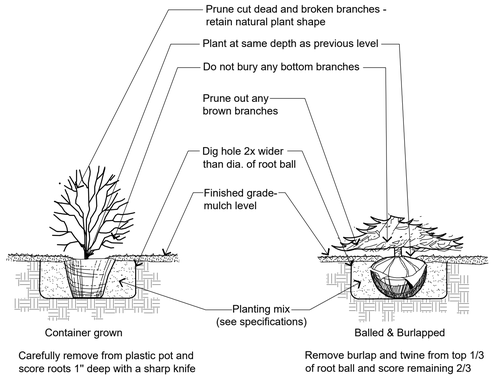
PLANTING DETAILS



1 TREE PLANTING DETAIL

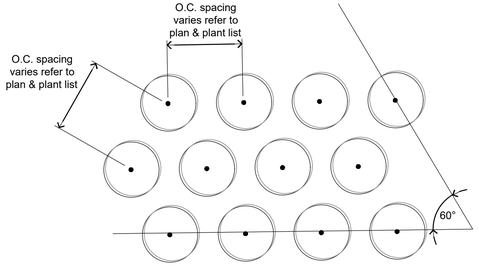
NOT TO SCALE

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2 SHRUB PLANTING DETAIL

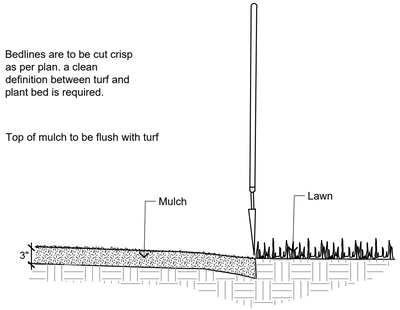
NOT TO SCALE



3 PLANTING LAYOUT

NOT TO SCALE

ras-2024-2245310-01



4 SHOVEL OR MECHANICAL CUT PLANT BED EDGE DETAIL

NOT TO SCALE

GENERAL LANDSCAPE NOTES

1. Contractor responsible for contacting public and private underground utility locating service to have site marked prior to any digging or earthwork.
2. Contractor to verify all plant quantities shown on plant list and verify with plan. Report any discrepancies immediately to general contractor.
3. All plantings shall comply with standards as described in American Standard of Nursery Stock - ANSI Z60.1 (latest version). General contractor or owner's representative reserves the right to inspect and potentially reject any plants that are inferior, compromised, undersized, diseased, improperly transported, installed incorrectly or damaged.
4. Any potential plant substitutions must be submitted in writing to the general contractor and approved by the owner's representative or landscape architect prior to installation. All plants must be installed as per sizes and quantities shown on plant material schedule, unless approved by the owner's representative or landscape architect. Any potential changes to sizes shown on plan and appropriate cost credits / adjustments must be submitted in writing to the general contractor and approved by the owner's representative or landscape architect prior to installation.
5. The subsequent requirements regarding topsoil should be coordinated between the general contractor, grading contractor and landscape contractor.
6. Subgrade areas shall be graded to within 1", more or less, of proposed subgrade. Deviations shall not be consistent in one direction.
7. Topsoil shall be placed to meet proposed finished grade. Planting islands to be backfilled with clean topsoil free of debris (per note below) to a minimum depth of 18" by general / grading contractor to insure long term plant health. All other landscaped areas to receive a minimum depth of 6" of clean topsoil (per note below).
8. Topsoil shall be: screened existing stockpiled topsoil, existing in-place soil, or screened soil from an off-site source that will support plant growth, and meets the following requirements. Clean topsoil shall be free of rocks, coarse fragments, gravel, sticks, trash, roots, debris over 3/4" and any substances harmful to plant growth. It also must be free of plants or plant parts of any noxious weeds. Topsoil shall contain 3 to 5 percent decomposed organic matter and a pH between 5.5 and 7.0.
9. Planting beds and parking lot islands: Landscape contractor is responsible for ensuring that unwanted material (gravel, debris, roots and other extraneous material harmful to plant growth) has been removed from the topsoil and for the fine grading of all landscaped areas. The fine grading of planting beds and parking lot islands may require additional topsoil to bring to finish grade, allowing for mulch depth. Crown all planting islands and planting beds not adjacent to buildings, a minimum of 6" to provide proper drainage, unless otherwise specified. All other finished landscaped areas to be smooth, uniform and provide positive drainage away from structures and pavement.
10. Seeded areas: to receive a settled minimum depth of 6" of blended, prepared and non-compacted topsoil. Landscape contractor is responsible for excavation and removal of unwanted material (gravel, debris, roots and other extraneous material harmful to plant growth) to the specified depth, supplementing with additional topsoil (if necessary) and the fine grading of all seeded areas.
11. Tree planting (see planting detail): plant all trees slightly higher than finished grade at root flare. Remove excess soil from top of root ball, if needed. An auger is not an acceptable method of digging tree planting holes. Scarify side walls of tree pit prior to installation. Once tree has been placed into the hole, is at the correct depth and vertical alignment and will no longer be moved, brace root ball by tamping soil around the lower portion of the root ball. Remove and discard twine / rope, burlap and support wire from the sides of root ball. Backfill pit with 75% existing soil removed from excavation and 25% compost blended prior to backfilling holes, in six-inch lifts. Lightly tamp each lift using foot pressure or hand tools to settle backfill, support the tree and eliminate voids. Do not over compact or use mechanical or pneumatic tamping equipment. Discard any gravel, heavy clay or stones. When hole has been backfilled to three-quarters of its depth, pour water around the root ball and allow to soak into soil to settle the soil. Continue backfilling until soil is brought to grade level.

    Provide a 3" deep, 4 ft. diameter shredded hardwood bark mulch ring around all trees in lawn areas, reduced to 1" deep on top of root ball. Keep mulch 3"- 5" away from trunk of tree. Trees that are installed incorrectly will be replaced at the time and expense of the landscape contractor. Trees too large for two people to lift in and out of holes, shall be placed with sling. Do not rock the trees in holes to raise them.
12. Shrub planting (see planting detail): all shrubs to be pocket planted with a mix of 75% existing soil removed from excavation and 25% compost, blended prior to backfilling holes. When hole is two-thirds full, shrubs shall be watered thoroughly and water left to soak in before proceeding.
13. Mulching: all tree and shrub planting beds to receive a 3" deep layer of high-quality shredded hardwood bark mulch (not enviromulch or wood chips). Mulch shall be uniform in size, color, quality and overall appearance. Mulch shall be free of debris, large wood chunks, soil, rocks, weeds, invasive plant parts or seeds and any other material injurious to plant growth. All perennial and ornamental grass planting areas to receive a 2" layer and groundcover areas a 1-2" layer of the same mulch. Do not mulch annual flower beds (if applicable). Do not allow mulch to contact plant stems and tree trunks.
14. Edging: edge all planting beds with a 4" deep spaded edge (shovel cut or mechanical). Bedlines are to be cut crisp, as per plan. A clean definition between lawn area and plant bed is required.
15. Plant bed preparation: the soil in all perennial, ornamental grass, annual and groundcover areas shall be amended with compost prior to plant installation. Spread a 2" layer of compost (per note below) on top of clean topsoil and rototill to a depth of approximately 8".
16. Compost shall be stable, and weed-free organic matter. It shall be resistant to further decomposition and free of compounds, such as ammonia and organic acids, in concentrations toxic to plant growth. The compost shall contain no pathogens or other chemical contaminants and meet the requirements of WisDNR S100 Compost Specification.
17. Lawn installation for all seeded turfgrass areas: remove / kill off any existing unwanted vegetation prior to seeding. Prepare the topsoil and seed bed by removing all surface stones 1" or larger and grading lawn areas to finish grade. Apply a starter fertilizer and specified seed, ensure good seed to soil contact, and provide mulch covering suitable to germinate and establish turf. Provide seed and fertilizer mix information to general contractor prior to installation. Erosion control measures are to be used in swales and on steep grades, where applicable. Methods of installation may vary at the discretion of the landscape contractor on his/her responsibility to establish and guarantee a smooth, uniform, quality turf. If straw mulch is used as a mulch covering, a tackifier may be necessary to avoid wind damage. Marsh hay containing reed canary grass is not acceptable as a mulch covering.

    An acceptable quality turf is defined as having no more than 5% of the total area with bare spots larger than 1/2 square foot and uniform coverage throughout all turf areas.
18. Seed mix type 'A' for lawn areas - use only a premium quality seed mix. Premium blend seed mix (or equivalent): 50% blended bluegrass, 25% creeping red fescue, 25% perennial rye applied at 5 lbs per 1,000 SF or at recommended rates from supplier. Provide seed specifications to general contractor prior to installation.
19. Seed mix type 'B' for slopes of stormwater basin: Wisconsin DOT No. 10 seed mix: 40% Kentucky bluegrass 98/85, 25% creeping red fescue, 20% perennial ryegrass, 10% white clover & 5% red top applied at 1.5 lbs per 1,000 SF or at recommended rates from supplier. Provide seed specifications to general contractor prior to installation. Preparation of soil to be the same as for all other seeded turf grass areas.
20. The landscape contractor is responsible for the watering and maintenance of all landscape areas at time of planting and throughout construction until the substantial completion of the installation and acceptance by the owner. This includes all trees, shrubs, evergreens, perennials, ornamental grasses, and seeded slopes and turf grass areas. Maintenance includes mowing, weeding, watering, mulching, edging, pruning, deadheading, raking leaves / debris, sweeping up grass clippings, fertilizing and maintaining turf areas (including applying pre and post emergent herbicides), and any other needs that are required to keep the landscape healthy and well maintained.
21. Substantial Completion of Landscape: after the landscape has been installed, the landscape contractor is responsible to conduct a final review with the owner's representative and the general contractor to ensure that all plans and specifications have been met. After this review, the landscape will be considered to be installed in substantial completion unless otherwise noted by the owner's representative and/or general contractor. Any items missing or incomplete, shall be corrected within 30 days. The landscape contractor shall provide written watering and maintenance instructions for the new plantings and lawn to the owner.
22. Warranty and replacements: All plants (trees, evergreens, shrubs, perennials, ornamental grasses and groundcovers) shall be warranted by the landscape contractor to be in healthy and flourishing condition for a period of one year from the date of substantial completion. This assumes the owner performs required maintenance (i.e. regular watering) after substantial completion of the landscape. Only one replacement per plant will be required during the warranty period, except for losses or replacements due to failure to comply with specified requirements. Replacements shall be plants of the same variety specified on the plan and closely match adjacent specimens in size. The landscape contractor is responsible for keeping a documented record of which plants have been replaced during the warranty period.

Know what's **below.**
Call before you dig.

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SEH

NOT FOR CONSTRUCTION

Project Owner

CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY
705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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SEH Project	PDCAR 177629
Checked By	REW
Drawn By	REW

Project Status	**Issue Date**
FOR BID	01/26/26

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

LANDSCAPE NOTES AND DETAILS

L200

ABBREVIATIONS

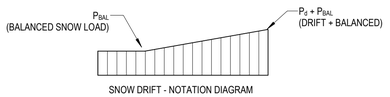
&	AND
L	ANGLE
@	AT
Ç	CENTERLINE
ø	DIAMETER/ROUND
(E)	EXISTING
#	POUND/NUMBER
+/-	PLUS OR MINUS
SQ	SQUARE
AB	ANCHOR BOLT
ADD	ADDENDUM
ADDL	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJUSTABLE
ADJA	ADJACENT
AGGR	AGGREGATE
ALUM	ALUMINUM
ALT	ALTER OR ALTERNATE
ANCH	ANCHOR
ANG	ANGLE
ANOD	ANODIZED
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ASPH	ASPHALT (PAVING)
BITUM	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK
BM	BEAM
BOT	BOTTOM
BRG	BEARING
BRKT	BRACKET
BTWN	BETWEEN
C	CHANNEL
CANT	CANTILEVER
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CLR	CLEAR
CM	CENTIMETER
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMP	COMPOSITE
CONC	CONCRETE
COND	CONDITION
CONN	CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
CRM	CONCRETE RUBBLE MASONRY
CTR	CENTER
d	PENNY (NAILS)
D	DEEP/DEPTH
DBL	DOUBLE
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DL	DEAD LOAD
DN	DOWN
DO	DOOR OPENING
DR	DOOR
DWL	DOWEL
DWG	DRAWING
DWR	DRAWER
E	EAST
EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
ELEV	ELEVATION
ENCL	ENCLOSURE
EQ	EQUAL
EQPT	EQUIPMENT
EW	EACH WAY
EXP	EXPANSION
EXIST	EXISTING
EXT	EXTERIOR
EXTN	EXTENSION
FD	FLOOR DRAIN
FDN	FOUNDATION
FFE	FINISHED FLOOR ELEVATION
FH	FLAT HEAD
FL	FLOOR
FR	FRAME
FRP	FIBERGLASS REINFORCED POLYESTER/PLASTIC
FS	FOOTING STEP
FT	FOOT/FEET
FTG	FOOTING
FV	FIELD VERIFY
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GB	GRADE BEAM
GEN	GENERATOR
GP	GUSSET PLATE
GR	GRADE
H	HEIGHT/HIGH
HC	HOLLOW CORE
HD	HEAD
HORIZ	HORIZONTAL
HR	HOUR
HS	HEADED STUD
HSS	HOLLOW STRUCTURAL SHAPE
ID	INSIDE DIAMETER (DIMENSION)
IN	INCH
INFO	INFORMATION
INSUL	INSULATION
INT	INTERIOR
INV	INVERT
ISF	INSIDE FACE
JBE	JOIST BEARING ELEVATION
JGBE	JOIST GIRDER BEARING ELEVATION
JST	JOIST
JT	JOINT
K	KIPS
KG	KILOGRAM
KM	KILOMETER
KO	KNOCK-OUT
KW	KILOWATT
L	LENGTH/LONG
LB	POUND
LF	LINEAL FOOT
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION
LONG	LONGITUDINAL
LTL	LINTEL
LVR	LOUVER
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MEMB	MEMBRANE
MFR	MANUFACTURER
MFG	MANUFACTURING
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MM	MILLIMETER
MTL	METAL
N	NORTH
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NS	NO SCALE
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER (DIMENSION)
OPNG	OPENING
OPP	OPPOSITE
OSF	OUTSIDE FACE
OVHD	OVERHEAD
PC	PRECAST
PCF	POUNDS PER CUBIC FOOT
PERIM	PERIMETER
PERP	PERPENDICULAR
PL	PLATE
PLYWD	PLYWOOD
PNL	PANEL
PREFAB	PREFABRICATED
PSI	POUNDS PER SQUARE INCH
PSF	POUNDS PER SQUARE FOOT
QT	QUARRY TILE
R	RISER
RAD	RADIUS
REF	REFERENCE/REFER
REINF	REINFORCED/REINFORCING
REQ	REQUIRED
REV	REVISED/REVISION
RH	ROUND HEAD
RLG	RAILING
RM	ROOM
RO	ROUGH OPENING
RTU	ROOF TOP UNIT
S	SOUTH
SCHED	SCHEDULE
SECT	SECTION
SER	STRUCTURAL ENGINEER OF RECORD
SF	SQUARE FOOT
SHT	SHEET
SIM	SIMILAR
SL	SLOPE
SLNT	SEALANT
SLH	SHORT LEG HORIZONTAL
SLV	SHORT LEG VERTICAL
SM	SQUARE METER
SOG	SLAB ON GRADE
SP	SPACED
SPEC	SPECIFICATIONS
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STRUC	STRUCTURE/STRUCTURAL
SUSP	SUSPEND/SUSPENDED
SYM	SYMMETRICAL
T	TREAD
T&B	TOP AND BOTTOM
TBE	TOP OF BEAM ELEVATION
TD	TRENCH DRAIN
TFE	TOP OF FOOTING ELEVATION
THK	THICK/THICKNESS
THR	THRESHOLD
THRD	THREADED
TOS	TOP OF STEEL
TPE	TOP OF PIER ELEVATION
TRANS	TRANSVERSE
TSE	TOP OF SLAB ELEVATION
TWE	TOP OF WALL ELEVATION
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VAR	VARIES
VEF	VERTICAL EACH FACE
VERT	VERTICAL
VIF	VERTICAL INSIDE FACE OR VERIFY IN FIELD
VLE	VENEER LEDGE ELEVATION
VLS	VENEER LEDGE STEP
VOF	VERTICAL OUTSIDE FACE
VOL	VOLUME
W	WEST/WIDTH/WIDE
W	WIDE FLANGE (STEEL)
WF	WIDE FLANGE (ALUMINUM)
W/	WITH
W/O	WITHOUT
WP	WATERPROOF / WORKING POINT
WPM	WATERPROOF MEMBRANE
WS	WATER STOP / WALL STEP
WR	WATER RESISTANT
WT	WEIGHT
WWF	WELDED WIRE FABRIC

MATERIAL SYMBOLS

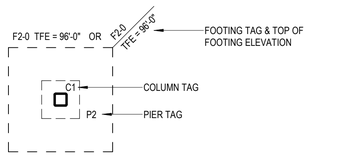
- GRANULAR FILL
- SOIL / EARTH
- BASE COURSE, SUB-BASE, GRAVEL, CRUSHED ROCK
- CONCRETE
- BRICK MASONRY
- CUT STONE, SAND, MORTAR, PLASTER
- CLSM
- CONCRETE MASONRY UNITS
- STEEL
- ALUMINUM (OMIT IN THIN MATERIAL)
- INSULATION BOARD
- RIGID INSULATION
- WOOD FRAMING THROUGH MEMBER
- WOOD FRAMING / BLOCKING INTERRUPTED MEMBER
- PLYWOOD
- GYPSUM BOARD
- PARTICLE BOARD

ANNOTATION SYMBOLS

- BEAM CONTINUOUS OVER COLUMN
- BEAM SPLICE
- MOMENT CONNECTION
- LEVEL NAME / ELEV — LEVEL / ELEVATION REFERENCE
- GRID — GRID REFERENCE
- SPAN DIRECTION
- RFI # — REVISION CLOUD & TAG
- WOOD WALL SHEARWALL WITH HOLD-DOWN LOCATIONS
- 2 — MASONRY REINFORCING DESIGNATION - SEE MASONRY REINFORCING SCHEDULE
- 1 — PLAN KEYNOTE
- ##.## — KEYNOTE TAG
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXISTING CONSTRUCTION TO REMAIN
- NEW CONCRETE CONSTRUCTION
- CONCRETE MASONRY WALL
- PIPE PENETRATION - SEE PROCESS FOR SIZE AND LOCATION. SEE OPENING REINFORCEMENT DETAIL.
- ALL DIMENSIONS ARE TO FACE OF FOUNDATION UNLESS NOTED OTHERWISE
- LOCATION OF RE-ENTRANT CORNER BAR
- CJ — LOCATION OF CONTROL / CONTRACTION JOINT IN CONCRETE SURFACE
- X PLF — UNFACTORED WIND SHEAR LOAD



SNOW DRIFT - NOTATION DIAGRAM



STRUCTURAL TABLES

CLASS B REINFORCING BAR LAP SPLICE TABLE
(note d, e, & f)

BAR SIZE	f_c' = 3000 psi (note c) VERTICAL (note a)	f_c' = 3000 psi (note c) HORIZONTAL (note b)	f_c' = 4000 psi VERTICAL (note a)	f_c' = 4000 psi HORIZONTAL (note b)	f_c' = 6000 psi VERTICAL (note a)	f_c' = 6000 psi HORIZONTAL (note b)	STD 90° HOOK
#3	21"	28"	19"	24"	15"	20"	6"
#4	29"	37"	25"	32"	20"	26"	8"
#5	36"	46"	31"	40"	25"	33"	10"
#6	43"	56"	37"	48"	30"	39"	12"
#7	62"	81"	54"	70"	44"	57"	14"
#8	71"	93"	62"	80"	50"	66"	16"
#9	80"	104"	70"	90"	57"	74"	19"
#10	91"	118"	78"	102"	64"	83"	22"
#11	100"	131"	87"	113"	71"	92"	24"

a. Vertical bars; and horizontal or diagonal bars with less than 12" of concrete placed below them.
b. Horizontal or diagonal bars with 12" or more of concrete placed below them. (eg. wall horizontals)
c. Use f_c' = 3000 psi values for masonry rebar laps. Do not lap splice bars bigger than #8 in masonry. Break off fins in cores of 6" CMU.
d. For epoxy coated bars, multiply these values x 1.20.
e. For laps between different bar sizes, use the greater of these values based on the smaller bar, or these values based on the bigger bar divided by 1.30.
f. Hoop bar laps shall be staggered such that splices do not overlap with bars above, below, or on opposite faces.

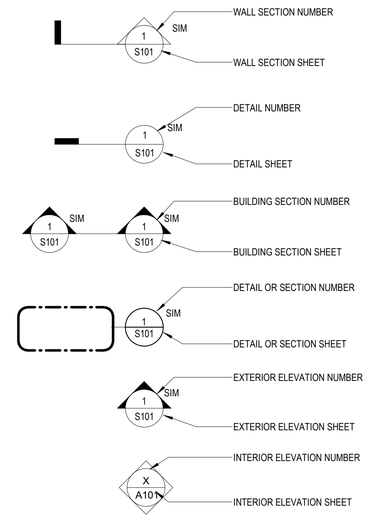
REQUIRED SPECIAL INSPECTION AND TESTS

DESCRIPTION OF WORK PER IBC CHAPTER 17	Inspection Frequency: Continuous	Inspection Frequency: Periodic	Testing: Yes	Testing: No	Testing: N/A
Metal Construction					
1. Welding		X		X	
2. Details: Bracing, Locations, Etc.		X		X	
3. Bolting		X		X	
4. Open-Web Steel Joists and Joist Girders		X		X	
5. Steel Deck Including Welding Or Mechanical Fastening		X		X	
6. Composite Construction Including Headed Stud Anchors		X	X		
7. Cold Formed Steel Trusses Spanning > 60		X		X	
Concrete Construction					
1. Inspect Reinforcement		X		X	
2. Reinforcing Bar Welding	X		X		
3. Inspect Anchors Cast In Concrete		X		X	
4. Inspect Anchors Post-Installed In Concrete	X		X		
5. Verify Use of Required Design Mix		X		X	
6. Prior to Concrete Placement, Fabricate Specimens For Strength Tests, Perform Slump And Air Content Tests, and Determine The Temperature of The Concrete		X	X		
7. Inspect Concrete And Shotcrete Placement For Proper Application Techniques		X		X	
8. Verify Maintenance Of Specified Curing Temperature And Techniques		X		X	
9. Inspect Prestressed Concrete Members	X			X	
10. Inspect Erection of Precast Concrete Members		X		X	
11. Verify In-Situ Concrete Strength Prior to Post-Tensioning Concrete And Prior To Removal Of Shores And Forms From Beams And Structural Slabs		X	X		
12. Inspect Formwork For Shape, Location And Dimensions Of The Concrete Member Being Formed		X		X	
MASONRY CONSTRUCTION - LEVEL A					
1. Verify Compliance With The Approved Submittals		X		X	
MASONRY CONSTRUCTION - LEVEL B					
1. Reinforcement: Size And Spacing		X		X	
2. Prisms		X	X		
Details: Grouting, Lintels, Etc.		X	X		
WOOD CONSTRUCTION					
1. High Load Diaphragms		X		X	
2. Metal Plate Connected Wood Trusses Spanning > 60 ft		X		X	
SOILS					
1. Verify Materials Below Shallow Foundations Are Adequate To Achieve The Design Bearing Capacity		X	X		
2. Verify Excavations Are Extended To Proper Depth And Have Reached Proper Material		X	X		
3. Perform Classification And Testing Of Compacted Fill Materials		X	X		
Verify Use Of Proper Materials, Densities, And Lift Thicknesses During Placement And Compaction Of Compacted Fill	X		X		
4. Prior To Placement Of Compacted Fill, Inspect Subgrade And Verify That Site Has Been Prepared Properly		X	X		
CAST-IN-PLACE DEEP FOUNDATIONS					
1. Observe Drilling Operations And Maintain Complete And Accurate Records For Each Element	X			X	
2. Verify Placement Location And Plumbness, Confirm Element Diameters, Lengths, Embedment Into Bedrock And Bell Diameters (If Applicable), And Adequate End Bearing Strata Capacity. Record Concrete Or Grout Volumes.	X		X		
DRIVEN DEEP FOUNDATION ELEMENTS					
1. Verify Element Materials, Sizes And Lengths Comply With The Requirements	X			X	
2. Determine Capacities Of Test Elements And Conduct Additional Load Tests, As Required	X		X		
3. Inspect Driving Operations And Maintain Complete And Accurate Records For Each Element	X			X	
4. Verify Placement Locations And Plumbness, Confirm Type And Size Of Hammer, Record Number Of Blows Per Foot Of Penetration, Determine Required Penetrations To Achieve Design Capacity, Record Top And Butt Elevations And Document Any Damage To Foundation Element	X		X		

STRUCTURAL SHEET INDEX

S001	GENERAL STRUCTURAL ABBREVIATIONS, SYMBOLS AND TABLES
S002	GENERAL STRUCTURAL NOTES
S003	GENERAL STRUCTURAL NOTES
S004	ROOF DIAPHRAGM REACTIONS ON PRECAST LOAD PLAN
S005	ROOF LOAD PLAN
S111	FOUNDATION & FRAMING PLAN - LEVEL 1
S121	FRAMING PLAN - MEZZANINE LEVEL
S131	FRAMING PLAN - ROOF
S401	ENLARGED MEZZANINE FRAMING PLANS
S501	PRECAST/CONCRETE DETAILS
S502	PRECAST/CONCRETE DETAILS
S503	PRECAST/CONCRETE DETAILS
S511	FRAMING DETAILS
S512	FRAMING DETAILS
S513	FRAMING DETAILS
S521	MASONRY DETAILS
S522	MASONRY DETAILS

CALLOUT SYMBOLS



THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/4/2026 3:25:47 PM

SEH

Project Owner

CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY
PRAIRIE DU CHIEN, WISCONSIN

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SEH Project	PDCAR 177629
Checked By	MG, AA
Drawn By	AM, PAM
Project Status	**Issue Date**
FOR CONSTRUCTION	01/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

GENERAL STRUCTURAL ABBREVIATIONS, SYMBOLS AND TABLES

S001

GENERAL STRUCTURAL NOTES

1. These notes detail requirements for the design represented in these documents and are to be read in conjunction with the specifications. Any discrepancies or conflicts between the two shall be brought to the attention of the Structural Engineer of Record (SER) for resolution. In these Notes and the Specifications, the word "shall" means "has a duty to." These drawings are for this specific project and no other use is authorized. Contact SER, Allen Abrahams at SEH 231-769-2022.

GOVERNING BUILDING CODE:
2018 Wisconsin Commercial Building Code
2015 International Building Code as adopted and amended by the state building code

DESIGN CODES AND STANDARDS:
All codes adopted by reference in IBC Chapter 35

DESIGN LOADS PER ASCE 7-10
Risk category IV

1. Live load:

Floor slabs	150 PSF UNO
Elevated walkways	100 PSF
Mezzanines	125 PSF
Roof live load	20 PSF

2. Dead load:
   Superimposed roof load 5 PSF
3. Snow loads:

Ground snow load	30 PSF
Importance factor	1.20
Roof snow load	30.2 PSF + drifting
Snow on overhang	70 PSF + drifting
Snow exposure factor	1.2
Thermal factor	1.0

   See plans for drift loads
4. Fluid and Lateral Earth Pressure Loads:
   a. Foundation Walls
      - Designed to be backfilled at equal rates on both sides.
   b. Where bracing is required of walls, Contractor shall provide adequate bracing of walls during backfilling and compaction to prevent movement or structural damage. Bracing shall remain in place until permanent bracing is in place and until concrete achieves sufficient strength to resist imposed loads.
   c. Prior to imposing fluid or lateral earth pressure loads on walls, submit concrete test results verifying that the base slab and wall concrete has achieved its full design strength.
   d. Where placement of upper floors or top slabs are required to be in place prior to loading, submit concrete test results verifying that the upper floor or top slab has achieved 75 percent of its design strength.
5. Wind loads:

Wind speed (3 sec gust)	120 mph
Wind exposure	B
Mean roof height	25 feet
Kd	0.85
Kzt	1.0
G	0.85 (rigid building)
Structure is:	Enclosed
Internal press coef	+/-0.18
Interior walls	5 PSF lateral load
Precast Wall Panel MWFRS:	22 PSF
Roof joist net uplift:	-21 PSF

   See Bar Joist section of these Notes for specific uplift requirements.
6. Seismic loads:

Site class	D
Ss	0.062 g
S_1	0.042 g
Fa	1.6
Fv	2.4
Sds	0.066 g
Sd1	0.067 g
Ie	1.5
Seismic design category	A

7. Precast plank loading, UNO on drawings:

Superimposed dead load indicated above (roofs)	
Topping dead load (floors)	38 PSF
Hanging live load (suspended MEPP)	10 PSF
Partition load	10 PSF

   If mechanical units shown on the drawings are greater than 50 PSF within their footprints apply the difference within their footprints.

DEFERRED SUBMITTALS
The following items shall be issued as deferred submittals per IBC requirements:
1. Manufacturers of items to be installed outdoors (canopies, PEMB, RTU wind screens, tanks, antennae, etc.) shall provide wind loading calculations signed and sealed by an engineer licensed in the state of the project.
2. Precast concrete panels, precast concrete planks, open web steel joists, pre-engineered metal buildings

DESIGN / CONSTRUCTION CRITERIA
1. The contractor shall verify dimensions and conditions before construction and notify the engineer of any discrepancies, inconsistencies, or difficulties affecting the work before proceeding.
2. All material, workmanship, and details shall be in accordance with typical competent construction practices, current manufacturer's recommendations, and all applicable codes and government regulations.
3. Any material used in contact with drinking water shall be demonstrated to meet NSF 61.
4. The contractor shall coordinate all disciplines, verifying size and location of all openings, whether shown on structural drawings or not, as called for on process, architectural, mechanical, electrical or other drawings. All conflicts, inconsistencies, or other difficulties affecting structural work shall be called to the architect and engineer's attention for direction before proceeding.
5. Equipment and structural anchor rod sizes, types, embedment, and patterns shall be verified with the manufacturer or fabricator. All anchor patterns shall be templated to ensure accuracy of placement.
6. The contractor shall supply all necessary temporary bracing, shoring, guying, or other means to avoid excessive stresses and to hold structural elements in place during construction.
7. Job site safety (including excavations) is the sole responsibility of the general contractor and their subcontractors.
8. The engineer is not responsible for construction means, methods, techniques or practices. Where drawings and details imply this, they are provided to show final construction. If contractor desires to use different means and methods than implied by these drawings, submit similar details for review.
9. Standard or typical structural details are intended to illustrate design concepts and to specify material and required physical dimensions matching or similar to the referenced locations in the drawing set. Standard details apply whether or not they are cut on the drawings.
10. All architectural, mechanical, and electrical components shall be designed and installed to resist the controlling condition of operational forces or seismic forces in accordance with IBC and these notes. Component seismic attachments shall be bolted, welded, or otherwise positively fastened without consideration of frictional resistance due to gravity. A continuous load path of sufficient strength and stiffness shall be provided between the component and supporting structure. Connections for both orthogonal horizontal directions shall be designed and sealed by the contractor's engineer, currently licensed in the Commonwealth of Virginia. Component reaction forces shall be submitted to the SER for confirmation that supporting structure can withstand reaction forces.
11. There is no provision for future vertical or horizontal expansion in the design.

EXISTING CONSTRUCTION
1. Before proceeding with any work within the existing facility, the contractor shall familiarize themself with existing structural and other conditions. It shall be the contractor's responsibility to design, provide, and erect all necessary bracing, shoring and other safeguards to maintain all parts of the existing work in a safe condition during the process of demolition and construction and to protect from damage those portions of the existing work which are to remain.
2. The contractor shall field verify the dimensions, elevations, etc. necessary for the proper construction and alignment of the new portions of the work to the existing work. The contractor shall make all measurements necessary for fabrication and erection of structural members. Any discrepancy shall be immediately brought to the attention of the engineer.
3. Any existing construction damaged in the removal of adjacent elements shall be replaced at the contractor's expense.
4. Where existing concrete elements are to be demolished and reinforcing is not required to remain, cut existing reinforcing flush with concrete to remain and coat with epoxy, unless covered with concrete in final construction.

FOUNDATIONS
1. CAUTION: Existing underground utilities may exist anywhere on the site. Notify owner and Digger's hotline (800) 242-8511 (Wisconsin) prior to disturbing any grade or excavation.
2. Material Definitions and Gradations: Delete this section if DOT specs are known.
   a. Non-frost-susceptible fill
      - 100% passing 1" sieve
      - < 50% passing #40 sieve
      - < 6% passing #200 sieve
      - < 2% organic content
   b. Aggregate Base
      - 100% passing 1" sieve
      - 70-100% passing 3/4" sieve
      - 45-90% passing 3/8" sieve
      - 35-80% passing #4 sieve
      - 20-65% passing #10 sieve
      - 10-35% passing #40 sieve
      - 3-10% passing #200 sieve
      - < 2% organic content
      - Large aggregates through #4 have minimum 25% fractured faces or crushed (per gradation)
   c. Aggregate Filter/Base
      - 100% passing 1" sieve
      - 85-100% passing 3/4" sieve
      - 45-90% passing 3/8" sieve
      - 20-60% passing #4 sieve
      - 0-10% passing #10 sieve
      - 0-6% passing #200 sieve
      - < 2% organic content
      - Large aggregates through #4 have minimum 75% fractured faces or crushed
   d. Granular Structural Backfill
      - 100% passing 1" sieve
      - 0-65% passing #10 sieve
      - 0-65% passing #40 sieve
      - 0-10% passing #200 sieve
      - < 2% organic content
3. Structural foundations consist of wall and spread footings established on material capable of safely supporting 2,000 PSF as recommended by Intertek/PSI testing in report 00523381 dated 05/07/2024. The structural engineer is not responsible for the accuracy or content of the subsurface soil conditions described in the specifications, test borings, or geotechnical report. A licensed geotechnical engineer shall be present during construction to test, inspect and verify all soil conditions match design criteria.
4. Soil criteria:

Q100/design water elevation	628.8'
Measured groundwater elevation at the time of drilling	617' +/-
Dewater as required to keep excavations dry	
Frost depth	48 inches (heated building)
	60 inches (unheated structure)
Anticipated max differential settlement	1/2 inch
Anticipated max total settlement	1 inch

5. Basement and subgrade tank walls shall be backfilled with Granular Structural Backfill or Non-Frost Susceptible Fill (as defined above) within 2 feet of the wall.
6. Refer to the specifications for a list of structures that require leak testing prior to backfilling.
7. Limit compaction to hand operated power equipment within 8 feet of wall.
8. More than 8 feet away from walls, place fill in 8-inch loose lifts and compact to 98 percent Standard Proctor beneath foundations, 95 percent otherwise.
9. When placing compacted fill adjacent to foundation walls and piers, place backfill at equal rates on both sides to prevent overturning or structural damage.
10. Contractor shall provide for dewatering at excavations from either surface water or seepage.
11. Moisture content in soils beneath building locations should not be allowed to vary after footing excavations and after grading for slabs on grade are completed to a degree that would de-stabilize the compacted soil. If subgrade materials become desiccated or softened by water or other conditions, remove and replace with engineered fill as recommended by the geotechnical engineer. Do not place concrete on frozen ground, nor allow ground beneath foundations to freeze. All foundation work shall be placed on substrate approved and tested by geotechnical engineer of record.
12. Do not place backfill on frozen subgrade. Do not place frozen backfill.
13. Slabs on grade shall be constructed on a subgrade of native material compacted to at least 98 percent of its maximum dry density (standard proctor), and 6 inches of Aggregate Base or Aggregate Filter/Base (as defined above) or WisDOT base aggregate course (dense) below the slab compacted to 100 percent standard proctor density UNO in geotechnical report. In wet or potentially wet situations, use Aggregate Filter/Base (as defined above).
14. Grading: where not specifically shown on the plans, it is intended that all excavated and backfilled areas shall be graded to slope away from buildings and other structures.

CONCRETE
1. All concrete except as noted in the following paragraphs shall meet the following requirements:
   - Compressive Strength f'c = 4,000 PSI min at 28 days
   - Water / (cement + pozzolan) ratio 0.45 max (0.40 max if exposed to sulfates)
2. Concrete used in exterior flatwork and stoop slabs shall meet the following requirements:
   - Compressive Strength f'c = 4,500 PSI min at 28 days
   - Water / (cement + pozzolan) ratio 0.42 max
3. Concrete used in strip footings shall meet the following requirements:
   - Compressive Strength f'c = 3,000 PSI min at 28 days
   - Water / (cement + pozzolan) ratio 0.48 max
4. Concrete used in CLSM (Controlled Low Strength Material) shall meet the following requirements:
   - Compressive Strength f'c = 50 psi min, 1,000 PSI max at 28 days
   - Where uncoated steel is embedded in CLSM, cementitious material shall be minimum 40 percent Portland cement, or supplier shall demonstrate pH greater than 7.5.
5. Concrete and grout exposed to frost (including foundation walls) shall be air entrained 6% +/- 1.5%.
6. Do not add water to concrete at the jobsite without written approval of the SER, and in no case in excess of the water in the approved mix design.
7. No chloride containing admixtures are allowed.
8. All concrete is normal weight UNO.
9. When fly ash is used air-entrained concrete, air entraining shall be adjusted as necessary to account for LOI.
10. Protect concrete in accordance with ACI 305 and ACI 306 for hot weather concreting and cold weather concreting respectively.
11. Concrete being placed shall be protected from rain. If rain falls on concrete before it has set, or within 3 hours of placement in any event, contractor shall bear cost of testing to prove concrete is unaffected, and shall remove and replace affected concrete to the satisfaction of the engineer.
12. Wet cure (poly and burlap or proprietary blankets kept moist daily) for a minimum of 7 days; sides of footings may be buried after 24 hours. Contractor is responsible for staining caused by burlap in visible areas. Liquid-containing structures must use a wet cure on all surfaces. Spray-on curing compounds shall not be used as a substitute for wet curing without written permission of the SER except as follows: Spray-on curing compounds may be substituted for wet curing in areas of non-liquid-holding structures that are not visible in the final condition and in liquid holding structures in winter conditions where water curing may be hazardous or difficult. When spray-on curing compounds are used, they should be applied in two layers perpendicular to each other and according to manufacturer's instructions.
13. Coordinate with other trades for sleeves, conduit, electrical grounding wires, inserts, underground utilities, and other items to be embedded into concrete and verify that they are properly installed and supported before casting concrete. Holes through slab or wall shall leave minimum 1 inch clear to reinforcing; shift reinforcing as required. Placement of such items shall be coordinated with reinforcing placement where they would otherwise displace each other.
14. In no case shall embedments violate the required concrete cover. Conduit and pipes, with their fittings, embedded in concrete shall not be larger in outside dimension than 1/3 the overall thickness of slab, wall, or beam in which they are embedded and shall not be spaced closer than three diameters on center. Conduit and pipes placed within 2 feet below bottom of slabs and footings shall not be spaced closer than three diameters on center and shall be encased in CLSM or concrete vibrated to flow around conduit.
15. No uncoated aluminum items shall be embedded in any concrete. All aluminum surfaces in direct contact with concrete shall receive one coat of 8-12 mil dry film thickness bitumastic.
16. Bevel all exposed corners of concrete 3/4"x3/4".
17. All cast-in-place concrete floors on grade shall be provided with a min. 1/8" per FT slope to floor drains UNO. All interior slabs on grade shall be placed over 15 MIL vapor retarder meeting ASTM E1745 class A, with joints welded or lapped and sealed according to manufacturer's recommendations. Vapor retarder shall permit less than 0.01 perm after conditioning. All damage and penetrations shall be sealed according to manufacturer's recommendations.
18. All concrete to be level finished shall be tested for air content, whether or not it is purposely air entrained. If concrete contains more than 2 percent entrained air, delay start of finishing to preclude weakened air-rich plane just below surface.
19. UNO, building sections may not illustrate all dowels, keyways, or waterstops required by design. All base slab or footing to wall joints shall have vertical dowels crossing the joint. All elevated slabs (including base slabs above the lowest base slab elevation) to tank or foundation walls shall have horizontal dowels crossing the joint. Slabs on grade may either be independent (with expansion joint) or doweled in; provide dowels where slabs on grade are shown to bear on walls in sections. Refer to typical details in the drawings for design intent.

JOINTS IN CONCRETE STRUCTURES
1. UNO, concrete shall be placed without construction joints except where specifically shown on shop drawings approved by the engineer. The contractor shall submit shop drawings showing additional or alternate construction joint locations to the engineer for approval.
2. Contractor is encouraged to use well-graded aggregate larger than ¾"; fiber reinforcing; shrinkage reducing admixtures; crystalline waterproofing; extended moist cure; and other means to reduce shrinkage. If used, crystalline waterproofing shall be used at the manufacturer's recommended dosage.
3. Concrete slabs on grade in non-liquid-holding structures: See details and specifications.
4. Concrete in non-liquid-holding structures other than slabs on grade:
   a. Concrete walls in non-liquid-holding structures shall have construction or contraction joints at a maximum spacing of 60 feet.
   b. Footings carrying such walls shall have construction or contraction joints at a maximum spacing of 120 feet.
   c. Half the longitudinal reinforcing shall be interrupted at these joints UNO.
5. Space control joints at maximum 12'-0" on center each way for topping slabs on precast plank.

PRECAST CONCRETE
1. Prior to installation, the precast concrete manufacturer shall submit structural calculations and plans to the architect/engineer for review. The structural calculations shall contain an original Professional Engineer's seal and signature by the design engineer licensed in the state where the project is located. Where precast is used as a structural shear diaphragm, calculations shall include shear capacity data for the members in question, topped or untopped.
2. Horizontal precast members with topping shown or noted shall be designed as non-composite UNO.
3. Precast concrete units shall be designed for all potential loading conditions including initial handling and erection stresses, all superimposed dead, live, and lateral loads shown on the contract drawings, and all concentrated loads from mechanical equipment and lifting points. General contractor shall verify mechanical loads with the mechanical contractor and provide to precast designer and SER before design.
4. The precast concrete manufacturer shall be responsible for the design and installation of all precast connection hardware including hangers, embed plates, anchors, clip angles, headers at openings, etc. that are cast into or form a part of the precast units. Precast manufacturer shall provide 1/8 inch thick continuous bearing strips beneath hollowcore slabs and masonry or concrete supports.
5. All roof and wall opening dimensions and locations shown on the plans shall be verified by the contractor and roof manufacturer. Wall openings not contained within a panel width shall be protected by posts or other means during transit and erection.
6. Precast wall panels shall be fully grouted at base.
7. Joints between plank shall be pulled flush and grouted. Maximum distance between edges of planks is 4 inches at any joint. Where partial width planks are required, edge of ripped plank shall be smooth and straight.
8. Where topping is called for: immediately before placing topping, pressure-wash surface of plank and blow clean with oil-free compressed air, then rub with cement slurry as a bonding agent, working just ahead of concrete placement. Surface to be free of standing water but slurry must be wet when topping is placed. Wet cure topping (burlap/poly) for a minimum of 7 days. Topping slabs shall be reinforced with 6x6 - W2.9 x W2.9 welded wire fabric (flat sheets only) or macrosynthetic fibrous reinforcement integral to the mix.
9. Where composite topping is called for, plank shall receive a transverse broom finish at plant and shall have keys grouted minimum 4 days before topping is placed.
10. All horizontal joints and reveals in wall panels shall align within ½ inch or ½ of joint dimension, whichever is less, at all joints between panels.
11. All exposed connection components shall be painted steel.

REINFORCING STEEL
1. All concrete is reinforced concrete UNO. This does not apply to CLSM or grout fill. Reinforce all concrete not otherwise shown with same steel as in similar sections or areas. Any details not shown shall be detailed per ACI 315 and meet requirements of ACI 318, current editions.
2. All reinforcing steel shall conform to the requirements of ASTM A615 grade 60 steel. Reinforcing steel shall not be welded without authorization of the SER, and if welded shall be A706 grade 60 steel. Reinforcing to be welded shall only be welded to structural steel, not other reinforcing, UNO. Welded plain wire fabric shall be supplied in sheets, not rolls, and conform to the requirements of ASTM A185.
3. Clear minimum cover of concrete over reinforcing steel shall be as follows UNO:
   - 3" Concrete placed against earth
   - 2" All other concrete
4. All reinforcing shall be tied to crossing reinforcing on at least every other bar (every bar at perimeter), and sufficiently to resist displacement from workers and placement of concrete.
5. All footing dowels shall be accurately positioned and wired in place before casting footing concrete. Provide and install hooked dowels of same size and spacing as vertical reinforcement in all columns and walls, UNO. Position all anchor bolts with templates.
6. Bar lap table can be found on the first general sheet of the structural drawings.
7. Bar lap lengths in concrete and 90 degree end hooks shall be in accordance with the bar lap table UNO. This table lists class 'B' laps. "Lap" indicated in details shall be class 'B.' For epoxy coated reinforcing steel, increase lap length by 50% with c-c bar spacing < 6db and cover to center of bar <3db, otherwise increase by 20%. For masonry reinforcing, use fc' = 3000 psi values.
8. Bars marked continuous, corner bars, and all vertical steel shall be lapped in accordance with Bar Lap table at splices and embedments, UNO. Splice top bars near midspan and splice bottom bars over supports, UNO.
9. Corner bars shall project minimum 2'-6" beyond inside face of tank UNO. Lap to continuing bar according to Bar Lap table.
10. Slabs on ground with a single mat of reinforcing may be reinforced with FRP bars such as Gator Bar or similar, substituted one for one (same bar size and spacing) as the steel reinforcing called for on the drawings. FRP bar may not be substituted for steel reinforcing for any other purpose without written permission from the SER.
11. Bar support accessories shall be as specified in latest edition of the ACI detailing handbook and the concrete reinforcing steel institute design handbook. Maximum accessory spacing shall be 4'-0" on center, and all accessories on exposed surfaces shall have plastic coated ends. Chairs shall be supported on sand plates as required to keep from sinking into subgrade. WWF shall be supported by continuous bolsters or bars on chairs sufficiently close to prevent sheets from sagging appreciably during concrete placement. Support rebar used at contractor's option shall be extra bars supplied by contractor, not taken from design reinforcing.
12. All exterior stoops, aprons, and concrete stairs shall be reinforced with epoxy coated bars UNO.

CONCRETE BLOCK MASONRY
1. Concrete block used in exterior walls or load bearing walls shall meet the following minimum requirements:
   - Masonry assembly f'm = 2,000 PSI
   - Concrete masonry units: ASTM C90-11A 2,000 PSI
   - Mortar, ASTM C-270-10 Type S UNO
   - Grout, ASTM C-476-10 f'g = 3,000 PSI, Slump: 8-11 inches
2. The contractor shall provide adequate temporary bracing for all masonry walls during construction.
3. Concrete block shall be laid in running bond pattern typical UNO. No vertical (head) joint shall be continuous for more than one block height. Lay hollow concrete masonry units with full mortar coverage on horizontal and vertical face shells. Bed webs in mortar in starting course on footings and foundation walls and in all courses of piers, columns and pilasters, and where adjacent to cells or cavities which are to be reinforced or to be filled with concrete or grout.
4. Pilasters and columns shall be laid up in running bond in each direction to provide a monolithic unit.
5. All joints shall be concave tooled joints above and below grade.
6. Masonry walls shall be reinforced with 9 gage hot dipped galvanized truss horizontal reinforcing (per ASTM A153) with 9 gage side and cross rods. Reinforcing shall be continuous in horizontal joints every other block course (16 inches OC) in walls, every course (8 inches OC) in parapets, with prefabricated corner and tee sections.
7. UNO, concrete block shall be reinforced as follows in 6", 8", 10", and 12" walls:
   - Vertical reinforcing shall be a minimum of (1) #5 bar in 6" and 8" walls and (2) #4 bars in 10" and 12" walls at 4'-0" on center.
   - Provide bar or bars of same size as wall reinforcing at each corner, at each door, window, and opening jamb, each side of control joints and in the end void of each length of wall.
   - Lap splices for masonry vertical reinforcing shall be according to the Bar Lap table, for "wall top bar."
   - Stack bond CMU shall have continuous horizontal bond beams at 48" OC, reinforced with (2) #4 continuous.
   - Continuous horizontal bars shall be included per section or detail in bond beam or optional running bond beam where noted. Use (2) # 5 continuous bars, UNO. Where bond beams are continuous at corners of walls, supply corner bars matching size of horizontal bars. All bond beam reinforcing shall have standard laps or hooked development reinforcing bars at wall corners and intersections.
8. Grouting and reinforcing: all masonry, grouting, and reinforcing work shall be performed by mason craft workers who have successfully completed the International Masonry Institute (1-800-IMI -0988) training course for grouting and reinforced masonry construction, or equal
9. When grouting is stopped for more than one hour, stop grout approximately 1 ½ inches below top of CMU to provide key.
10. Masonry block cells with vertical reinforcing and bond beams with horizontal reinforcing shall be grouted solid. Mortar is not an acceptable corefill. Provide a cleanout hole at the base of all grouted cells where grout lift exceeds 5'-4". Account for fly ash in grout during winter construction by protecting and heating as required to assure set and strength gain.
11. Non-load bearing concrete block walls shall be isolated from adjacent structural elements with vertical 1/2 inch control joints and at the top of the wall with minimum 1/2 inch air space or compressible material and support per details on the drawings.
12. UNO, vertical control joints in masonry construction shall be 3/8" wide, full height of wall. Joints in in structural masonry shall not exceed 25'-0" (or 1.5 x wall height) on center and shall be coordinated with the engineer.
13. All horizontal joint reinforcing shall be discontinuous at control joints in masonry. All bond beam horizontal reinforcing shall be continuous through control joints.
14. Control joints at openings in walls (UNO) of 4'-0" span or less, shall be one L6 x 3-1/2 x 5/16 angle for each 4" of masonry (2 angles for 12" CMU); or an 8 inch deep bond beam with 2 - #5. All exterior steel lintels to be hot-dip galvanized. Bear minimum 8 inches on jambs grouted and reinforced full height.
15. Walls shall be anchored at bottom by hooked dowels matching wall vertical reinforcing (UNO) set on footing bottom mat. Where walls rest on cast-in-place concrete foundation walls, dowels may be straight and lapped with concrete wall reinforcing below. Non-bearing walls shall be anchored at top by bracing angles per details on drawings.
16. Bond beam lintels shall be standard horse collar type (U shaped) block. Continuity bond beams may be, and upper courses of multi-course bond beams shall be, flow through block.

POST INSTALLED ANCHOR RODS AND DOWELS
1. UNO, anchors and reinforcing dowels installed in concrete or concrete masonry shall be as noted below. Post-installed anchors shall only be used where shown on the construction documents. Anchors not shown or noted on the drawings, those required by the contractor solely for his means and methods, or those required by mechanical/electrical and carrying less than 100 pounds of non-safety-related items, do not require special inspection.
2. Approved manufacturers are: HILTI, ITW / Redhead, Simpson, Dewalt / Powers, and Rawl.
   a. Post installed anchors shall have current ICC approval in accordance with ACI 355 and ICC ES corresponding to anchor base material.
   b. Submit product data and current ICC ES report or IAPMO report showing product is compliant with project code requirements for review.
   c. Contractor shall arrange for manufacturer's rep to train all installers on the complete installation process. A letter of procedure stating method of drilling, the product for use, the complete installation procedure, manufacturer training date and a list of the personnel trained on anchor installation shall be submitted to the engineer.
   d. Substitution requests of alternate products must be approved in writing by structural engineer of record prior to use by providing technical data that the substituted product is capable of meeting performance requirements of specified products including but not limited to the following basis of design parameters ACI 355.2 or ACI 355.4 qualifications.
3. Permanent anchors exposed to earth, weather, or corrosive environments, including all anchors in wet areas of WWTP and water treatment plant work, and anchors engaging stainless steel or aluminum members, shall be stainless steel type AISI 304 or 316; anchors in contact with sewage or chloride deicer runoff shall be type 316. Otherwise, anchors shall be zinc plated, minimum ASTM A36 material unless ASTM A193 grade B7 is noted in the drawings, and shall be according to ASTM F1554. Reinforcing dowels shall be of the same size (U.N.O.), material and coating (if any) as the continuing reinforcing.
4. Where expansion anchors are called for, contractor may substitute screw type anchors with self-tapping threads or adhesive anchors of the same size and embedment, subject to review of capacity by the engineer for the product substituted. Where adhesive anchors are called for, other types shall not be substituted. Screw type anchors shall not be re-used on permanent work.
5. Adhesive shall have a current ICC ES report. Use high viscosity adhesive and placement devices in consultation with the manufacturer for overhead work. Adhesive anchors in overhead or horizontal installation shall be subject to continuous special inspection during installation and shall only be performed by installers certified per ACI/CRSI Adhesive Anchor Certification Program Section 17.8.2 or Engineer approved equivalent. Use low temperature formulations for cold weather work. Do not apply load to anchors until their capacity has been assured.
6. Anchors installed in concrete masonry and precast hollow core concrete shall be installed in cores grouted solid. Minimum grout strength f'g = 3,000 PSI. Minimum 12 inches of grout each way along horizontal cores from anchor. Vertical cores shall be grouted full height. Anchors installed in masonry shall not be installed within 1 1/2 inches of any head joint unless block are square end and mortared across full width of head joint, or filled bond beam.
7. Holes shall be drilled dry, cleaned, and maintained until installation in accordance with manufacturer's recommendations and ICC-ES report using standard rotary-impact bits and oil-free compressed air. Diamond core bits shall not be used unless specifically approved by the manufacturer.
8. The general contractor shall engage a testing company to locate existing reinforcing bars, PT tendons, and embedded items, by non-destructive means (GPR, X-ray, or other approved means) prior to drilling for installation of anchors. Notify EOR of any conflicts with existing embedded items. Do not cut or damage existing reinforcing or embedded items unless approved by the EOR.
9. Maintain critical spacing and edge/corner distances as recommended by manufacturer UNO in the drawings.
10. UNO, anchors shall be installed to the following minimum embedments:

	Diameter	CIP Concrete (1)	Grouted CMU (1)
Expansion:	3/8 inch	3 inches	4 inches
	1/2 inch	3 1/4 inches	4 1/2 inches
	5/8 inch	4 inches	5 inches
	3/4 inch	4 3/4 inches	6 1/4 inches
Screw:	3/8 inch	3 inches	4 inches
	1/2 inch	4 1/2 inches	5 1/2 inches
	5/8 inch	4 3/4 inches	6 1/4 inches
	3/4 inch	6 1/4 inches	8 inches
Adhesive*:	3/8 Inch	3 3/8 inches	4 1/2 inches
	1/2 inch	4 1/2 inches	5 1/2 inches
	5/8 inch	5 5/8 inches	6 3/4 inches
	3/4 inch	6 3/4 inches	8 1/2 inches

    (1) Drilled hole shall stop minimum 1 1/2 inches from far face of concrete and minimum 2" from far face of CMU.
    *For adhesive at reinforcing bars, increase embedment above by 33%.
11. All anchors shall have intermittent special structural inspection by one of the following, UNO. Load tests shall be to 150 percent of service capacity or 75 percent of ultimate strength, with no appreciable slip, permanent deformation, or concrete damage. Anchors which fail this test shall be replaced at no cost to the project. Two failures in a given installation shall result in mandatory load testing at double the rate noted below.
    a. Expansion and screw anchors:
       - Witness installation with torque wrench according to manufacturer's recommendations and requirements of ICC report;
       - Test all anchors with torque wrench after installation (including load test of 5 percent of installed anchors); or
       - Load test of 10 percent of installed anchors by supplier or third party inspector
    b. Adhesive anchor rods and dowels:
       - Witness installation according to manufacturer's recommendations and requirements of ICC report; or
       - Load test of 10 percent of installed anchors by supplier or third party inspector

STRUCTURAL METALS
1. All structural steel shall be as follows:
   - Wide flange beams and columns shall be ASTM A992, grade 50 steel.
   - All miscellaneous steel (angles, channels, plate) shall be ASTM A992, A529, or A36 steel (min. Fy = 36 KSI).
   - Rectangular steel tubes (HSS) shall be ASTM A500, grade C steel (fy = 50 KSI).
   - Pipe shall be ASTM A53 (fy = 35 KSI) unless A500 grade C (46 KSI) is noted.
   - Other shapes shall be ASTM A36 (36 KSI).
2. Splicing or modification of members in the field is prohibited without prior written approval of the SER.
3. All primary member bolted connections shall be two bolt minimum.
4. Fabrication and erection shall be in accordance with the latest edition of the AISC Manual of Steel Construction, Code of Standard Practice for Steel Buildings and Bridges, except as follows:
   - To paragraph 3.1, add "The project architectural drawings are a part of the structural steel design drawings by reference and must be used concurrently with the structural steel design drawings for any information not shown on the structural steel design drawings".
   - Delete paragraph 3.2 and insert the following: "architectural, process, electrical and mechanical plans shall be used as a supplement to the structural steel design drawings to define detail configurations and construction information".
   - Paragraph 3.3 modify the last sentence to read, "in case of discrepancies between the structural steel plans and plans of other disciplines or existing conditions, such discrepancies shall be called to the architect / engineer's attention for resolution".
5. All aluminum shapes shall be ASTM B209, B308, alloy 6061-T6; except handrail may be 6063-T5 or -T6. All welding shall be performed by a certified welder using compatible electrodes in accordance with the requirements of AWS D1.2 and visually inspected. Where designed by the fabricator, aluminum alloy and temper shall be stated on shop drawings.
6. All steel welding shall be performed by a certified welder using E70 electrodes in accordance with the requirements of AWS D1.1 "Structural Welding Code" and visually inspected. Full-pen welds shall also be inspected by NDT methods such as ultrasonic, mag particle, or dye pen.
7. All field welded connections shall be chipped, ground where required, wire brush cleaned and painted to match the paint system.
8. All bolts not otherwise specified shall be 3/4" diameter high strength (ASTM A325-N). All bolts shall be fully pretensioned. Any non-twist off bolts shall have 10 percent checked with a torque wrench by the special inspector. All beam connections shall be designed per the AISC Manual of Steel Construction "Framed Beam Connections" for the indicated reactions but at least 0.60 x beam total shear capacity shown in the allowable uniform load tables, whichever is greater.
9. All copes shall be made with a 1 inch minimum radius.
10. Anchor rods exposed to earth, weather, or corrosive environments, including all anchors in wet areas of WWTP and water treatment plant work, and anchors engaging stainless steel or aluminum members, shall be ASTM A276 Stainless Steel type 304 OR 316; anchor rods in contact with sewage or chloride deicer runoff shall be type 316. Otherwise, anchor rods shall be ASTM F1554 grade 36. All anchor rods shall be minimum 3/4" diameter UNO. Where headed rods are noted or specified, bent rods shall not be furnished; rods may be headed or nutted, with the nut tack welded at the bottom end of the anchor or double nutted.
11. Metal/FRP stairways, platforms and grates shall be provided and constructed with adequate design characteristics (100 PSF live load capacity UNO) and structural configurations in accordance with the fabricator's shop drawings as approved by the engineer. All stairways, platforms and grates shall satisfy all requirements of the project documents. All stair runs longer than 10 feet between laterally rigid supports, and all two-post bents, shall have diagonal bracing fastened to the bottom flanges of the stringers and center of posts UNO.
12. Composite beams are designed for unshored construction UNO. Shear studs may be capacitor welded or stick welded but shall withstand being hammer bent 30 degrees toward end of beam without breaking. 10 percent of studs shall be so tested; if more than two studs fail, all studs shall be tested by striking with a hammer.
13. All cut or raw surfaces of FRP shall be coated with compatible epoxy meeting NSF 61.

STEEL FINISHES
1. All steel shall receive a primer coat unless galvanized, refer to specification manual.
2. Unless galvanized, all steel shall receive a three coat paint system: moisture-cured zinc-rich urethane primer, epoxy, urethane. Existing steel in area to be re-decked / All steel shall be cleaned to SSPC SP-10 (near white blast clean) and maintained in this state until painted. Refer to specification manual.

OPEN WEB STEEL JOISTS AND JOIST GIRDERS
1. Design is based on products of Vulcraft Corporation, and any substitutions shall meet that standard.
2. Steel joists and joist girders shall be shop primed / receive an epoxy paint system.
3. Steel joist and joist girder manufacturer shall supply all miscellaneous accessories such as anchors and bridging to complete the steel joist installation.
4. All suspended concentrated loads shall be applied to panel points where possible. If suspended concentrated loads are applied between panel points, additional members shall be added to carry the loads back to panel point locations.
5. Steel joist and joist girder manufacturer shall provide shop drawings for the Engineer's review including: steel joist and joist girder member sizes, spacing, bracing, and all connections.
6. Steel joists and joist girders shall be designed for a net uplift wind force of 10 PSF, UNO. All joists shall have X-bracing installed at the first bottom chord panel point, each end.
7. The handling and erection of steel joists and joist girders shall be in accordance with the SJI Technical Digest #9 "Handling and Erection of Steel Joists and Joist Girders."
8. All K-series joists bearing on 8 inch masonry walls shall have 3/8"x 5 1/2"x 8" bearing plates with two (2) ½" diameter x 4" studs set in bond beams. Bearing plates shall be located not more than 1" from the face of the wall on the bearing side. For thicker walls bearing joists from each direction, increase width of plate to fit block. Joists shall bear 4" minimum on bearing plates and be welded to bearing plates with 2" of 3/16" fillet weld each side (minimum), unless joists oppose each other, in which case minimum bearing length shall be 2 1/2" each. LH-series joists shall have 1/2" x6"x12" bearing plates w/ (2) ½" dia. X 4" studs and 4" of 3/16" fillet weld each side (min).
9. All steel joists shall have horizontal bar or angle bridging per Steel Joist Institute specifications. Provide rigid X-bridging in addition to and matching horizontal bridging where joists are discontinuous unless horizontal bridging is anchored to wall top and bottom. Joist sweep allowance shall comply with AISC standard practice.
10. Where noted on the drawings (at diaphragm chord locations), connect joist chords over supports as detailed in the drawings.
11. All steel joists shall have a midspan camber approximately equal to that recommended by the Steel Joist Institute specifications.
12. Support mechanical equipment with L4x4x5/16 angles laid between joists at panel points, with L4x4x5/16 angles (length equals mechanical unit dimension plus distance each end to next panel point) laid parallel to joists and bearing on transverse angles at joist panel points. Penetrations through steel deck shall be reinforced according to metal deck notes. General contractor shall verify mechanical loads with the mechanical contractor and provide to joist supplier and SER before joist shop drawing submittal.
13. If Special joists (with non-uniform loads) are defined in the drawings, joist manufacturer shall submit design calculations sealed by a Professional Engineer licensed in the state of the project for review by the SER. Calculations shall explicitly show design loads used, and their locations.

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SEH

Project Owner

CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY
PRAIRIE DU CHIEN, WISCONSIN

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SEH Project	PDCAR 177629
Checked By	MG, AA
Drawn By	AM, PAM
Project Status	**Issue Date**
FOR CONSTRUCTION	01/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE
1	STATE RESUBMITTAL	10/06/2025

GENER

METAL DECK

1. Metal deck shall span a minimum of two continuous spans. Deck design is based on products of Vulcraft Corporation, and any substitutions shall meet that standard. Roof deck is wide rib, UNO.
2. Openings through deck which cut one flute need not be reinforced. Openings which cut two flutes shall be reinforced with a hot rolled equal-leg angle the size of the deck depth, minimum 1/8 inch thick, extending 12 inches past the opening, on each side of the opening, fastened with minimum 2 - #10 screws each side of opening. Openings which cut more than two flutes shall be framed to surrounding supports with frames as detailed in the drawings.
3. Manufacturer shall be a member of the Steel Deck Institute (SDI). Detail, manufacture, and install deck and accessories in accordance with SDI and OSHA.
4. Welding and welder qualifications shall be in accordance with AWS D1.3.
5. Deck shall be fastened to underlying framing with 5/8 inch diameter puddle welds at spacing as indicated on the drawings, unless headed studs are to be applied. Contractor may submit shot pins (PAF) for approval as a substitute for puddle welds. Side lap edges shall be joined with minimum of one #10 screw in each deck span, unless more screws are indicated in the drawings.
6. Where spray-on fireproofing is required, the general contractor shall verify that the deck finish is compatible with fireproofing. Coordinate with architect.
7. All roof opening dimensions and locations shown on the plans shall be verified by the contractor and roof manufacturer.
8. Contractor shall supply pour stop as required for composite deck UNO. Where pour stop is required to carry other elements or resist loads after construction, refer to details in drawings.

LIGHT GAUGE METAL FRAMING

1. The design and connection detailing of all light gauge material including, but not limited to exterior studs, bearing studs, headers, jambs, joists, rafters and anchorage shall be by the light gauge supplier. The design for systems other than bearing framing shall meet the following criteria. (If designed by SEH, delete most of this section.)
2. Studs in exterior wall shall be minimum 600 S162-54 (6"-16 gauge) studs at 16" OC.
3. Studs shall be cold rolled steel, galvanized, C shape with minimum 1 5/8" flange and minimum 1/2" return. They are to be punched for utility access and galvanized to G60 coating for interior walls and G90 for exterior walls per ASTM A525.
4. At all openings in exterior and bearing walls, provide a minimum two studs full wall height each side of opening and a minimum one additional cripple stud for each side for lintel bearing.
5. Anchor bottom track to concrete or masonry with minimum 5/32"x1 1/4" power driven fasteners at 16" OC at exterior walls and load bearing interior walls or shear walls.
6. Top and bottom tracks shall be cold rolled or break formed steel, galvanized U shaped and minimum 16 gauge and as noted on the drawings.
7. Light gauge metal framing fasteners shall be a minimum #10 self-drilling sheet metal screws, 16 threads per inch, with low profile head. Provide a minimum of two screws per connection UNO.
8. Fasten light gage framing to wood with minimum #10 x1 7/8" bugle head wood screws. Pre-drill holes in metal studs. Provide a minimum of two screws per connection UNO.
9. All framing components shall be squarely cut for attachment to perpendicular members. Stud ends must seat tightly into tracks for all bearing applications.
10. At all wall elements, provide 1 1/2" - 16 gauge horizontal channel bridging to prevent stud rotation. For all axially loaded walls, space bridging at 4'-0" OC. For all non-load bearing exterior wall, space at 5'-0" OC.
11. Wall stud deflection criteria:
    - For wall studs providing lateral support to masonry veneer and cementitious stucco, provide L/600.
    - For wall studs providing lateral support to other materials, provide L/360.
12. Joist and rafter deflection criteria:
    - Live load deflection is L/360.
    - Total load deflection is L/240.
13. An additional joist shall be provided under parallel non-load bearing partition walls.
14. The light gauge supplier shall submit certified shop drawings and design calculations prepared by a qualified Professional Engineer licensed in the state where the project is located. See project specification manual for additional submittal requirements.
15. All light gauge designations are in accordance with the steel stud manufacturers association (SSMA):
    - 12 Gauge 97 Mils (0.097")
    - 14 Gauge 68 Mils
    - 16 Gauge 54 Mils
    - 18 Gauge 43 Mils
    - 20 Gauge 33 Mils
    - 22 Gauge 27 Mils
16. Refer to architectural drawings and specification for size, minimum gauge, extent and location of interior non-bearing light gage framing not shown on the structural drawings. Interior light gauge framing is to be designed for a minimum of 5 PSF lateral pressure by the light gauge supplier.
17. Temporary bracing shall be furnished by the light gauge supplier and framing installer and maintained until permanent systems providing lateral stability are in place.
18. Welding shall conform to the current edition of the American Welding Society (AWS) "Structural Welding Code -- Sheet Steel, D1.3." Welders shall be qualified in accordance with AWS D1.3 and shall be experienced in light gauge welding.
19. All light gauge material to be welded must be nominal 16 gauge or thicker.
20. Touch up all light gauge material at welds with zinc-rich paint.
21. Align load bearing wall studs with floor and roof joists and trusses.
22. Splices in studs, joists and headers are not permitted, unless approved in writing by the structural engineer.
23. Framing components may be pre-assembled into panels prior to erecting. Prefabricated panels shall be square, with components attached in a manner that prevents racking.

SHOP DRAWING REVIEW

1. Short Elliott Hendrickson Inc. (SEH) will review the general contractor's (GC) shop drawings and related submittals (as indicated below) with respect to the ability of the detailed work, when complete, to be a properly functioning integral element of the overall structural system designed by SEH. In general, submittals will not be reviewed for correct quantities or construction considerations. SEH shall review shop drawings and related materials with comments provided that each submission has met the requirements herein. SEH shall return without comment unrequired material or submissions without GC approval stamp.
2. Any items requiring submittal of calculation packages shall have calculations submitted prior to or as part of the shop drawing submittal they accompany. Shop drawings submitted prior to submittal of required calculations will be rejected. All calculations shall be sealed and signed by an engineer licensed in the state of the project. The supplier's engineer must provide calculations for all systems and connections that differ from the drawings. Design shall comply with the requirements in these notes, the drawings and the specifications.
3. Prior to submittal of a shop drawing or any related material to SEH, the GC shall:
    - Review each submission for conformance with the means, methods, techniques, sequences and operations of construction and safety precautions and programs incidental thereto, all of which are the sole responsibility of the GC.
    - Review and approve each submission.
    - Stamp each submission as approved.
4. SEH shall assume that no submission comprises a variation from the contract documents unless the GC advises SEH with written documentation. Should SEH require more than ten (10) working days to perform the review, SEH shall so notify the GC. Submittals shall include drawings and related material (if any) as indicated below.
    - Concrete mix designs and material certificates including admixtures, compounds applied to the concrete after placement, and associated product data. See specifications.
    - Thermal Control Plan for Mass Concrete
    - Reinforcing steel shop drawings including erection drawings and bending details. Bar list will not be reviewed for correct quantities. Include elevations of all reinforced concrete masonry walls and all concrete walls with footing steps or other elevation changes, at a scale no smaller than 1/8" = 1'-0" showing all required reinforcing.
    - Grout mix designs (for CMU) and CMU block certification.
    - Structural steel and metal fabrication shop drawings including erection drawings and piece details.
    - Steel joist shop drawings. Joist shop drawings for joists carrying non-uniform loads shall include design calculations.
    - Structural steel connection design calculations.
    - Stairs and railing. Details on the drawings for the following items have been designed by the SER: railing systems and connection of railings to the primary structure. All other items including landing and stringer support columns, bracing, and stringer connections to primary structure shall be designed by the supplier's engineer to match intent of the construction drawings.
    - Design calculations, standard details, and bridging information for light gage metal framing. Erection plans and details for light gage metal joists and lintels spanning more than 6'-0" shall be submitted. Standard interior non-loadbearing wall framing need not be submitted.
    - Metal deck shop drawings.
    - Precast shop drawings including reinforcing, bearing details, and design calculations.
    - Pre-manufactured wood truss shop drawings and design calculations.
    - Pre-engineered metal building drawings and design calculations.

SPECIAL INSPECTION

1. Special inspection and testing is required according to the table on the first general sheet of the structural drawings. Refer to specification section 01 45 10 for responsibilities. Contractor shall coordinate with SER, testing agency and geotechnical engineer throughout the project.
    - Special Inspections shall be performed in accordance with IBC Chapter 17.
    - Special Inspection of reinforcing steel and anchor rod placement shall be performed prior to concrete placement or during anchor rod installation for adhesive anchors.
    - Continuous inspection during concrete placement is required.
    - Conduct concrete slump tests in accordance with ASTM C143.
    - Obtain set of a four (4) concrete test cylinders each time concrete is placed. Make test cylinders in accordance with ASTM C39.
    - See these Notes for testing of Post-Installed anchors and rebar where installation is not witnessed.
    - It is assumed that shop welding, bolting, and general configuration inspection will be performed on the premises of a fabricator registered and approved to perform such work without Special Inspection. G/C shall submit fabricator documents, standards, and procedures in accordance with IBC 1705.2.
    - It is assumed that precast concrete will be cast on the premises of a fabricator registered and approved to perform such work without Special Inspection. G/C shall submit fabricator documents, standards, and procedures in accordance with IBC 1705.2.
    - Reports of Special Inspections shall be provided, at the frequency noted above, to the Owner, Contractor, and Engineer of Record by the firm contracted to perform Special Inspections.
    - Special Inspection criteria presented above and in specification shall apply to all footings and foundation walls, but does not apply to non-structural slab on grade and site work concrete.

REQUIRED INSPECTION

1. Required inspection and testing is required according to the table on the first general sheet of the structural drawings. Refer to specification section 01 45 10 for responsibilities. Contractor shall coordinate with SER, testing agency and geotechnical engineer throughout the project.
    - Required Inspections shall be performed in accordance with IBC Chapter 17.
    - Required Inspection of reinforcing steel and anchor rod placement shall be performed prior to concrete placement or during anchor rod installation for adhesive anchors.
    - Continuous inspection during concrete placement is required.
    - Conduct concrete slump tests in accordance with ASTM C143.
    - Obtain set of a four (4) concrete test cylinders each time concrete is placed. Make test cylinders in accordance with ASTM C39.
    - See these Notes for testing of Post-Installed anchors and rebar where installation is not witnessed.
    - It is assumed that shop welding will be performed on the premises of a fabricator registered and approved to perform such work without Required Inspection. G/C shall submit fabricator documents, standards, and procedures in accordance with IBC 1705.2.
    - It is assumed that precast concrete will be cast on the premises of a fabricator registered and approved to perform such work without Required Inspection. G/C shall submit fabricator documents, standards, and procedures in accordance with IBC 1705.2.
    - Reports of Required Inspections shall be provided, at the frequency noted above, to the Owner, Contractor, and Engineer of Record by the firm contracted to perform Required Inspections.
    - Special Inspection criteria presented above and in specification shall apply to all footings and foundation walls, but does not apply to non-structural slab on grade and site work concrete.

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CITY OF PRAIRIE DU CHIEN
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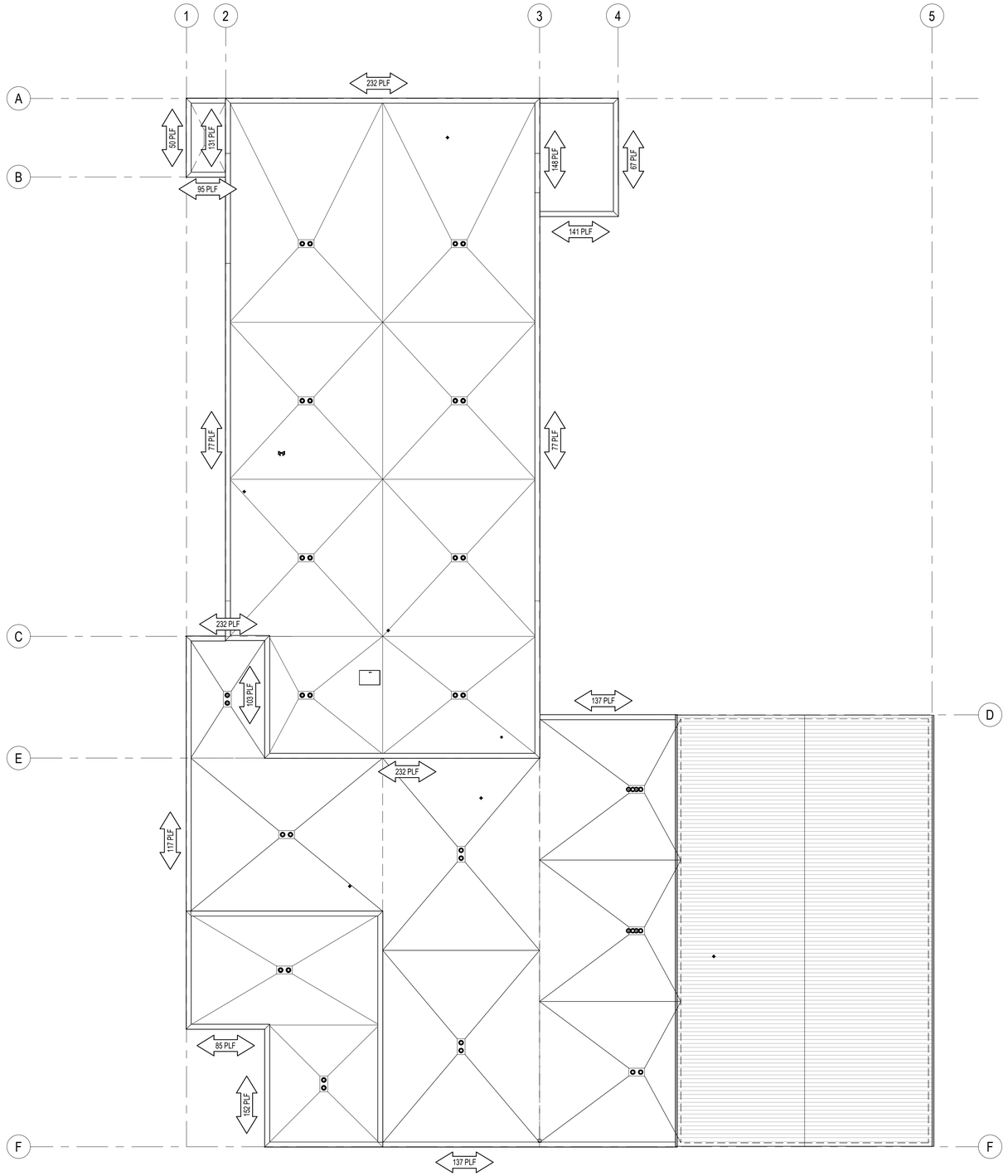
Project Status	**Issue Date**
FOR CONSTRUCTION	01/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

GENERAL STRUCTURAL NOTES

S003



1 S004 ROOF DIAPHRAGM REACTIONS ON PRECAST LOAD PLAN

1/16" = 1'-0"

0 8' 16' 32'

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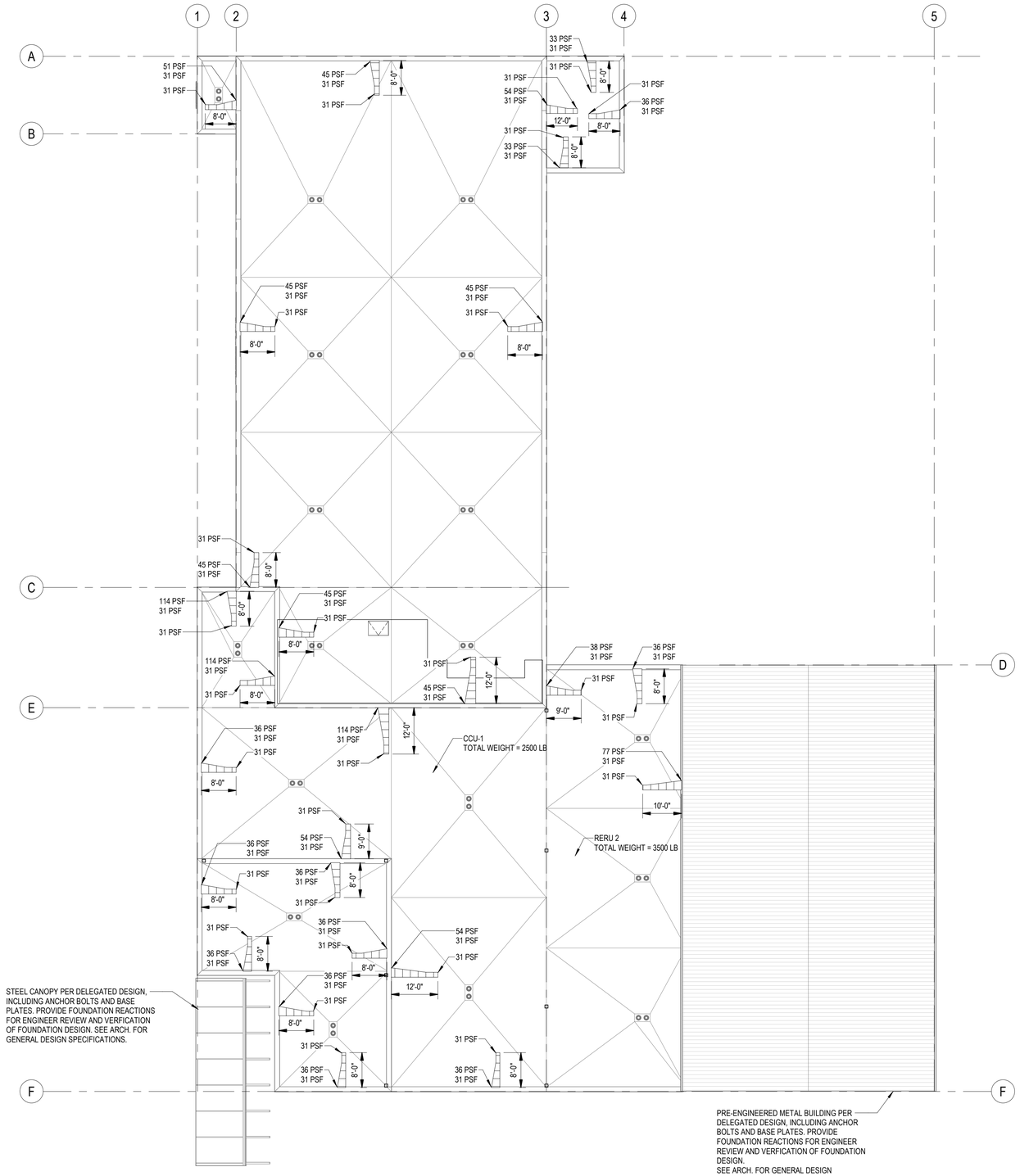
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FOR CONSTRUCTION	01/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

ROOF DIAPHRAGM REACTIONS ON PRECAST LOAD PLAN

S004



1 S005 ROOF LOAD PLAN

1/16" = 1'-0"

0 8' 16' 32'

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REV. #	DESCRIPTION	DATE

ROOF LOAD PLAN

S005

FOUNDATION & FRAMING PLAN - LEVEL 1 GENERAL NOTES:

(TYPICAL UNLESS NOTED OTHERWISE)

1. FINISH FLOOR ELEVATION (FFE) = 100'-0" (UNO)
   ACTUAL ELEVATION = 735.20' (SEE CIVIL)
2. FORM CONTRACTION JOINTS (CJ) OR SAWCUT WITHIN 18 HOURS OF CONCRETE PLACEMENT, MAXIMUM SPACING OF CONTRACTION JOINTS SEE PLAN AND SEE DETAIL 10/S501.
3. TYPICAL TOP OF FOOTING ELEVATION = 96'-0"
   CONTRACTOR OPTIONS AT MECHANICAL AND ELECTRICAL LINES THROUGH FOUNDATION
   SEE DETAILS 1/S501 & 11/S501.
4. STEPPED FOOTING DETAIL - SEE DETAIL 1/S501.
   USE WHERE NEEDED TO MAINTAIN BOTTOM OF FOOTING DEPTH OF 4'-0" MINIMUM BELOW GRADE.
5. 'WF' & 'Fx' INDICATES FOOTING TYPE - SEE SCHEDULE ON THIS SHEET FOR SIZE AND REQUIRED REINFORCING.
6. VERIFY ALL DIMENSIONS, OPENINGS, AND CONDITIONS WITH ARCHITECTURAL, CIVIL, AND MECHANICAL DRAWINGS.
7. TYPICAL STOOP DETAIL - SEE DETAIL 2/S501.
8. CMU PARTITION WALLS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS. PROVIDE THICKENED SLAB FOOTINGS PER DETAIL 12/S502.
9. FILL SOILS ARE ANTICIPATED IN FIRST 3 FEET OF EXCAVATIONS. FOR SLABS ON GRADE AND INTERIOR FOOTINGS THAT DO NOT GET BELOW FILL DEPTH, AND FOR ALL OTHER FOOTINGS AS REQUIRED, PREPARE SUBGRADE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT FROM INTERTEK PSI, DATED MAY 7, 2024.
10. COORDINATE FLOOR DRAIN, TRENCH DRAIN, AND CATCH BASIN LOCATIONS WITH PLUMBING DRAWINGS. SLOPE SLABS TO DRAINS NOT MORE THAN 1/4" PER FOOT AND NOT LESS THAN 1/8" PER FOOT WHERE SHOWN OR REQUIRED FOR ADEQUATE DRAINAGE. SUBMIT A FINAL DRAIN LOCATION AND FLOOR SLAB SLOPE PLAN FOR ARCHITECT/ENGINEER APPROVAL PRIOR TO FINAL LAYOUT AND FABRICATION.

FOUNDATION & FRAMING PLAN - LEVEL 1 KEYNOTES:

1. 8" CMU LOAD BEARING WALL. SEE DETAIL 11/S502
2. AT SHOWER LOCATIONS, LEAVE TOP OF SLAB DOWN 2"-3" FROM FINISHED FLOOR. SEE ARCHITECTURAL FOR LOCATIONS.
3. SLOPE SLAB TO DRAIN - TYP
   1/8" PER FT - MIN
   1/4" PER FT - MAX

FOOTING SCHEDULE

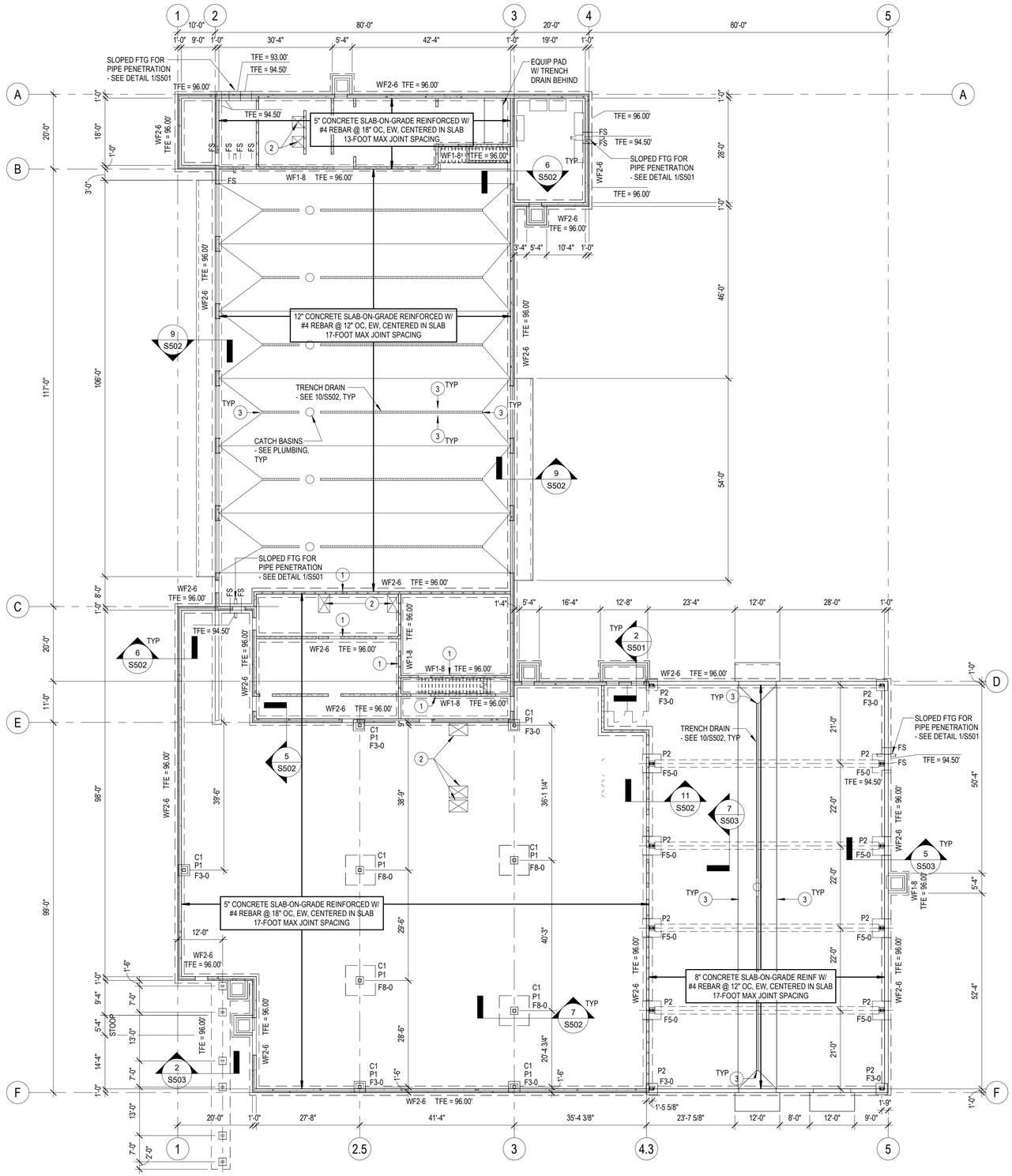
MARK	SIZE	REINFORCING
	12" Foundation Slab	
F3-0	36" x36" x 12"	(3) #5 REBAR EW, T&B
F5-0	60" x60" x 12"	(6) #5 REBAR EW, T&B
F8-0	96" x 96" x 12"	(10) #5 REBAR EW, T&B
WF1-8	1'-8" WIDE x 1'-0" DEEP x CONTINUOUS	(2) #5 REBAR CONTINUOUS, BOTTOM
WF2-6	2'-6" WIDE x 1'-0" DEEP x CONTINUOUS	(3) #5 REBAR CONTINUOUS, BOTTOM

PIER REINFORCING SCHEDULE

MARK	SIZE		REINFORCEMENT		NOTES
	WIDTH	DEPTH	VERTICAL	TIES	
P1	2' - 0"	2' - 0"	(8) #5	#3 @ 6" OC	#3 @ 3" OC TIES IN TOP 6"
P2	1' - 6"	1' - 6"	(6) #5	#3 @ 6" OC	#3 @ 3" OC TIES IN TOP 6"

COLUMN SCHEDULE

MARK	SIZE	NOTES
C1	HSS10X10X5/8	



1 S111 FOUNDATION & FRAMING PLAN - LEVEL 1
1/16" = 1'-0"
0 8' 16' 32'

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Project Status	**Issue Date**
FOR CONSTRUCTION	01/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE
1	STATE RESUBMITTAL	10/06/2025
2	PLAN REVIEW	10/22/2025

FOUNDATION & FRAMING PLAN - LEVEL 1

S111

MEZZANINE FRAMING PLAN GENERAL NOTES:

(TYPICAL UNLESS NOTED OTHERWISE)

1. TYPICAL 10" HOLLOWCORE PLANK W/ 2" FIBER REINFORCED TOPPING BEARING ELEVATIONS:
   MEZZANINE 1 HOLLOWCORE PLANK BEARING ELEVATION = 112'-0" (U.N.O)
   MEZZANINE 2 HOLLOWCORE PLANK BEARING ELEVATION = 112'-0" (U.N.O)

2. 'Lx' DENOTES LINTEL DESIGNATION - SEE LINTEL SCHEDULE

3. DASHED WALLS ARE CMU WALLS (BELOW). SOLID WALLS SHOWN ARE SECOND FLOOR WALLS SUPPORTED BY HOLLOWCORE PLANK.

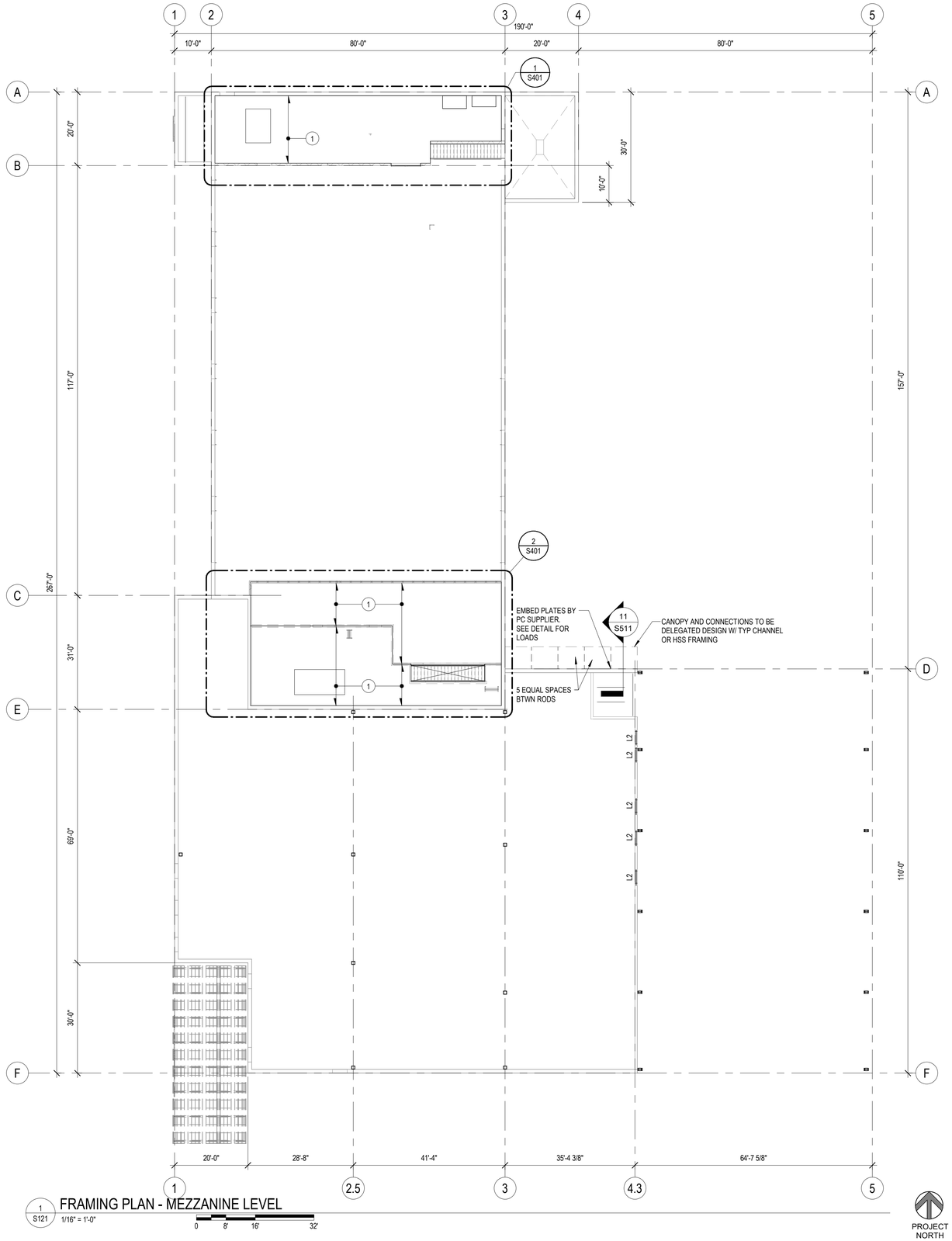
4. PRECAST PLANK, BEAM, AND COLUMN SIZES AND DEPTHS SHOWN ON THESE DRAWINGS AND ILLUSTRATED HEREIN ARE BASED ON PRELIMINARY CALCULATIONS BY THE ENGINEER. FINAL DESIGN AND SIZING OF BEAMS AND CONNECTIONS SHALL BE BY THE PRECAST SUPPLIER.

5. CMU PARTITION WALLS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS. PROVIDE BEARING CONNECTION PER DETAIL 9/S521.

6. PRECAST MEZZANINE DESIGN LOADS:
   DL: 10PSF MISC MEP + 15 PSF CMU PARTITIONS
   LL: 125 PSF MEZZANE
   SEE PLAN FOR ADDITIONAL EQUIPMENT LOADING AND PADS.

FRAMING PLAN KEYNOTES:

(1) 10" PRECAST HOLLOWCORE PLANK FLOOR WITH 2" REINFORCED CONRETE TOPPING. SUBMIT CONCRETE MIX AND FIBER OR W.W.F. REINFORCEMENT MATERIAL SPECIFICATION AND DESIGN FOR REVIEW AND APPROVAL.



1 S121 FRAMING PLAN - MEZZANINE LEVEL
1/16" = 1'-0"
0 8' 16' 32'

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REV. #	DESCRIPTION	DATE

FRAMING PLAN - MEZZANINE LEVEL

S121

ROOF FRAMING PLAN GENERAL NOTES:

(TYPICAL UNLESS NOTED OTHERWISE)

JOIST BRIDGING PER SJI DESIGN CRITERIA, SUBMIT DESIGN FOR REVIEW AND APPROVAL
1. AS PART OF JOIST DESIGN SUBMITTAL PACKAGE.

2. ROOF DECK:
   1 1/2" DEEP x 22ga. (0.0295") TYPE B ACOUSTICAL METAL ROOF DECK OVER OFFICE
   1 1/2" DEEP x 22ga. (0.0295") TYPE B METAL ROOF DECK OVER VEHICULAR AREAS
   MINIMUM PROPERTIES:
   I= 0.169 in4 /ft
   Sp= 0.186 in3 /ft
   Sn= 0.192 in3 /ft
   CONNECTORS: 5/8" PUDDLE WELDS ON A 36/4 PATTERN TO SUPPORTS - 12" o.c.
   SIDELAP FASTENERS: (3) #10 TEK SCREWS PER SPAN.
   INSTALL DECK OVER A MINIMUM OF 3 SPANS CONTINUOUS.

3. ROOF JOIST DESIGN CRITERIA:
   DEAD LOAD:
   20 PSF - TYPICAL U.N.O.
   JOISTS DESIGNED TO SUPPORT ROOF TOP MECHANICAL LOADS ONLY AT LOCATIONS INDICATED ON PLANS.
   SNOW LOADS:
   BALANCED SNOW LOAD: 31 PSF

4. JOIST BRIDGING SHALL BE OF THE SIZE, TYPE, AND SPACING AS PER SJI. FINAL SIZES, QUANTITIES, AND LOCATIONS SHALL BE AS PER STEEL JOIST SHOP DRAWINGS.
   PROVISIONAL LOCATIONS ARE AS INDICATED ON PLANS.

5. CONTRACTION JOINT LOCATIONS IN MASONRY WALL SHOWN ON PLAN BY SYMBOL:

6. JBE = JOIST BEARING ELEVATION
   TOS = TOP OF STEEL

7. 'Lx' DENOTES LINTEL DESIGNATION
   SEE SHEET S401 FOR LINTEL SCHEDULES.

8. PROVIDE BRACING FROM BOTTOM OF WIDE FLANGE BEAM TO JOIST AT PANEL POINT AT LOCATIONS INDICATED BY ' * ' ON PLAN REF. DETAIL 5/S512.

9. TYPICAL "W" BEAM SPLICES (U.N.O.)
   PROVIDE SINGLE SHEAR PLATE SPLICE WHERE INDICATED ON PLAN

10. INDICATES STEEL BEAM CANTILEVERED OVER STEEL COLUMN - SEE DETAIL 2/S512 FOR BEAM BEARING.

11. CCU-1 TOTAL WEIGHT = 2500# - SEE DETAIL 1/S512.

12. RERU 2 TOTAL WEIGHT = 3500# - SEE DETAIL 1/S512.

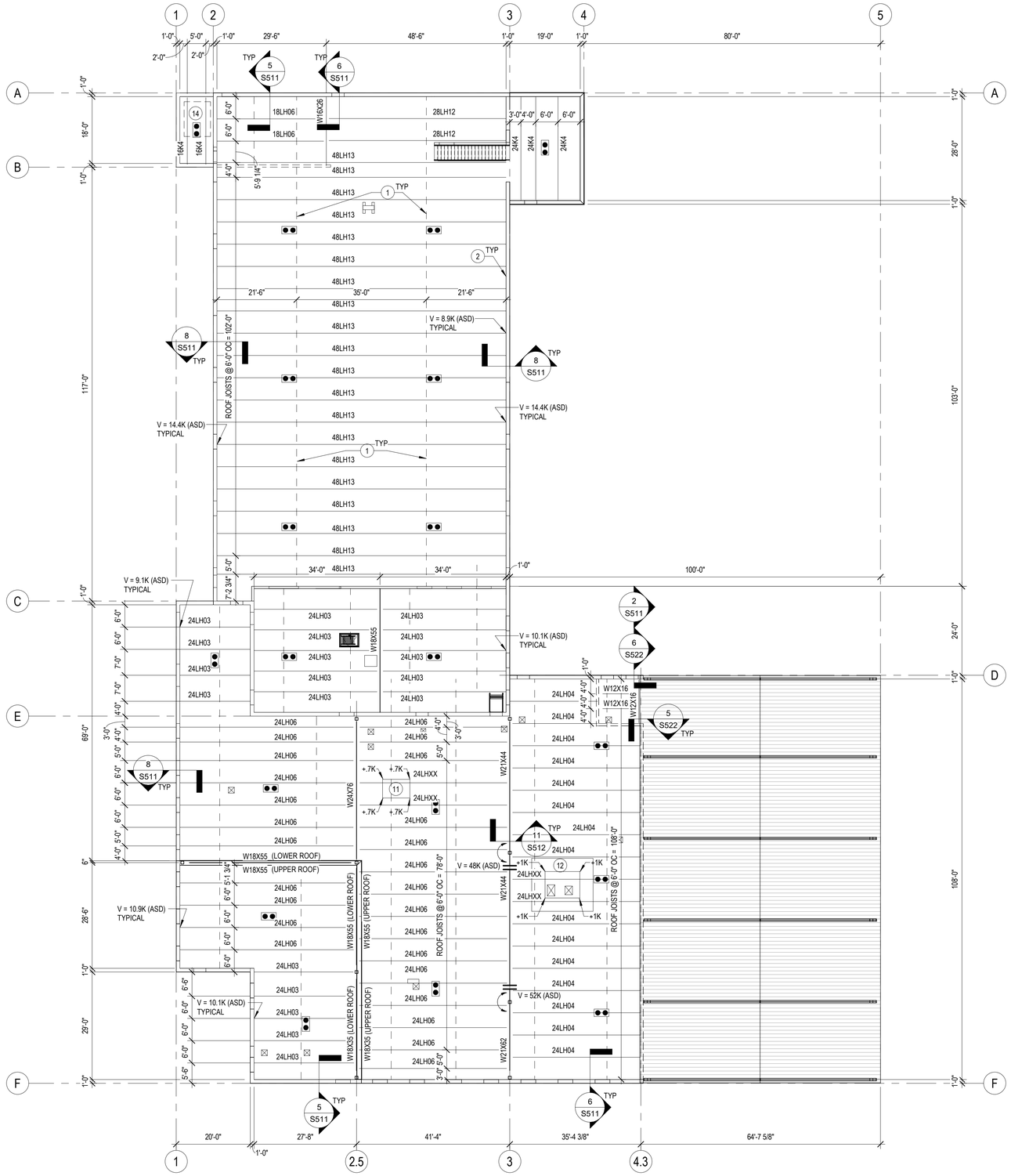
13. PRECAST ELEMENTS TO BE DELEGATED DESIGN. SUBMIT DESIGN PACKAGE BY LICENSED PROFESSIONAL ENGINEER IN WISCONSIN FOR REVIEW AND APPROVAL.

14. ERU-2 TOTAL WEIGHT = 700# - SUSPENDED FROM (2) JOIST BOTTOM CHORDS.

FRAMING PLAN KEYNOTES:

1. JOIST BRIDGING PER SJI

2. L5x5x3/8 DECK EDGE - DETAIL SUPPORT SIMILAR TO DETAILS 8/S511 AND 5/S511 FOR JOIST BEARING AND NON-BEARING WALLS RESPECTIVELY. EMBED AND CONNECTION DESIGNED BY PRECASTER TO RESIST FOR DIAPHRAGM LOADS SHOWN.



1 S131 FRAMING PLAN - ROOF
1/16" = 1'-0"
0 8' 16' 32'

PROJECT NORTH

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/4/2026 3:25:52 PM

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CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY
PRARIE DU CHIEN, WISCONSIN

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Checked By	MG, AA
Drawn By	AM, PAM
Project Status	**Issue Date**
FOR CONSTRUCTION	01/26/2026

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REV. #	DESCRIPTION	DATE

FRAMING PLAN - ROOF

S131

MEZZANINE FRAMING PLAN GENERAL NOTES:

(TYPICAL UNLESS NOTED OTHERWISE)

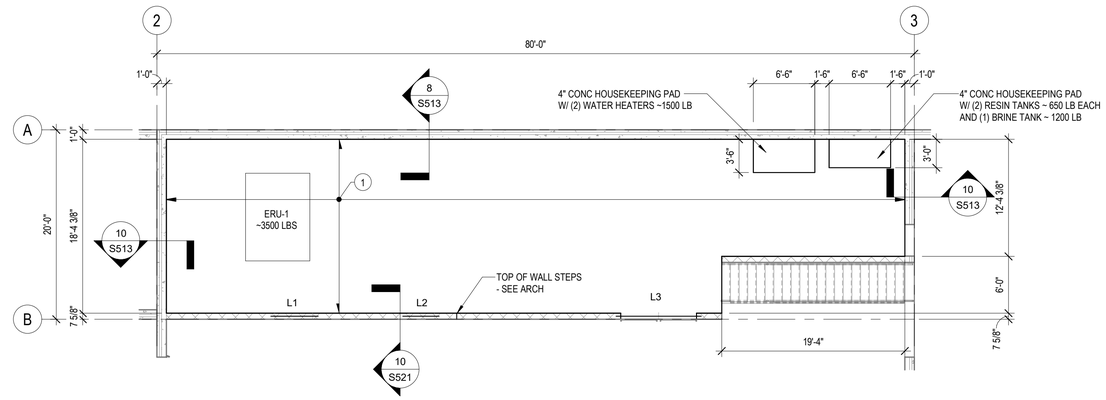
1. TYPICAL 10" HOLLOWCORE PLANK W/ 2" FIBER REINFORCED TOPPING BEARING ELEVATIONS:
   MEZZANINE 1 HOLLOWCORE PLANK BEARING ELEVATION = 112'-0" (U.N.O)
   MEZZANINE 2 HOLLOWCORE PLANK BEARING ELEVATION = 112'-0" (U.N.O)
2. 'Lx' DENOTES LINTEL DESIGNATION - SEE LINTEL SCHEDULE
3. DASHED WALLS ARE CMU WALLS (BELOW). SOLID WALLS SHOWN ARE SECOND FLOOR WALLS SUPPORTED BY HOLLOWCORE PLANK.
4. PRECAST PLANK, BEAM, AND COLUMN SIZES AND DEPTHS SHOWN ON THESE DRAWINGS AND ILLUSTRATED HEREIN ARE BASED ON PRELIMINARY CALCULATIONS BY THE ENGINEER. FINAL DESIGN AND SIZING OF BEAMS AND CONNECTIONS SHALL BE BY THE PRECAST SUPPLIER.
5. CMU PARTITION WALLS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS. PROVIDE BEARING CONNECTION PER DETAIL 9/S521.
6. PRECAST MEZZANINE DESIGN LOADS:
   DL: 10PSF MISC MEP + 15 PSF CMU PARTITIONS
   LL: 125 PSF MEZZAINE
   SEE PLAN FOR ADDITIONAL EQUIPMENT LOADING AND PADS.

FRAMING PLAN KEYNOTES:

(1) 10" PRECAST HOLLOWCORE PLANK FLOOR WITH 2" REINFORCED CONRETE TOPPING. SUBMIT CONCRETE MIX AND FIBER OR W.W.F. REINFORCEMENT MATERIAL SPECIFICATION AND DESIGN FOR REVIEW AND APPROVAL.

LINTEL SCHEDULE		
MARK	SIZE OR DESIGNATION	NOTES
L1	8" DEEP CMU LINTEL	PROVIDE (2) #5 REBAR IN BOTTOM
L2	16" DEEP CMU LINTEL	PROVIDE (2) #5 REBAR IN BOTTOM
L3	W8x31	BEARING PL1/2x8x6 W/ (2) 3/4" Ø HSA

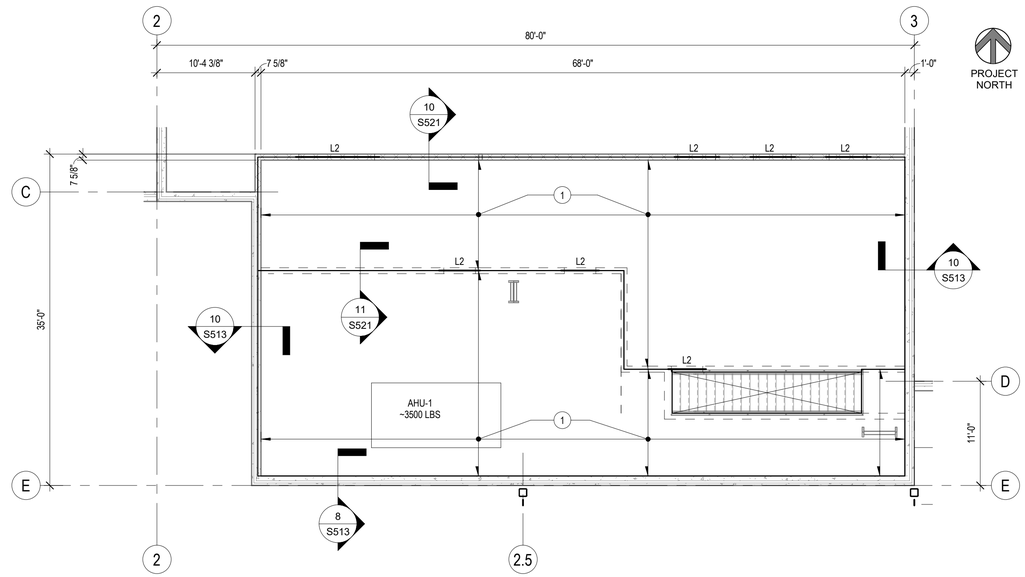
NOTES:
1. EACH MASONRY LINTEL SHALL BEAR 8" MIN. ON CMU WALL - CONTINUE HORIZ. REINF. TO END OF BEARING
2. GROUT AND REINFORCE 2 VERTICAL CORES EACH SIDE OF ALL MASONRY AND STEEL LINTELS UNO
3. BOTTOM REBAR TO BE MAINTAINED 2" MIN. CLEAR FROM BOTTOM OF BOND BEAM LINTEL OR GREATER IF REQUIRED FOR FIRE RESISTIVE CONSTRUCTION.
4. SHORE CMU LINTELS FOR ENTIRE LENGTH UNTIL BOND BEAMS ARE IN PLACE AND GROUT IS CURED. ALL BOND BEAM LINTELS SHALL BE CONSTRUCTED OF 8" HIGH BLOCK IN RUNNING BOND. USE POUR-THRU BOND BEAM BLOCK FOR UPPER COURSE(S) IF LINTEL HEIGHT EXCEEDING 8" IS INDICATED.



1 S401 ENLARGED MEZZANINE FRAMING PLAN

1/8" = 1'-0"

0 4' 8' 16'



2 S401 ENLARGED MEZZANINE FRAMING PLAN

1/8" = 1'-0"

0 4' 8' 16'

PROJECT NORTH

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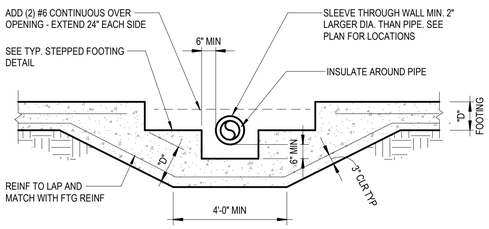
Project Status	**Issue Date**
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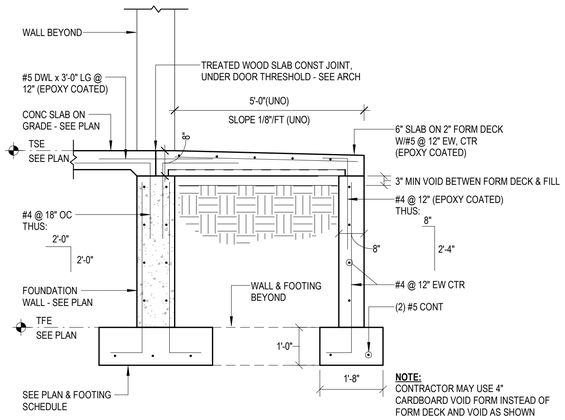
REV. #	DESCRIPTION	DATE

ENLARGED MEZZANINE FRAMING PLANS

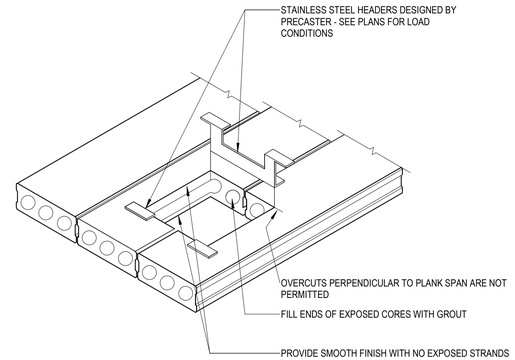
S401



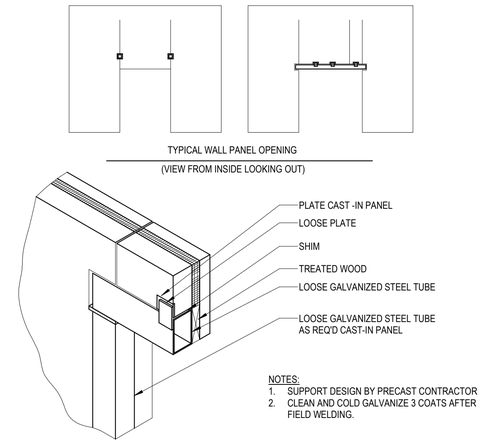
1 S501 TYPICAL UTILITY OPENING THROUGH WALL
NOT TO SCALE



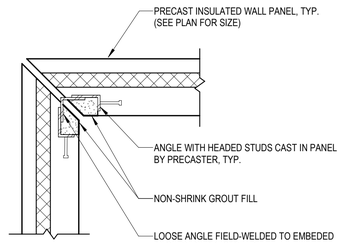
2 S501 CONCRETE STOOP DETAIL AT PRECAST WALL
NOT TO SCALE



3 S501 TYPICAL PLANK OPENING WITH HEADERS
NOT TO SCALE

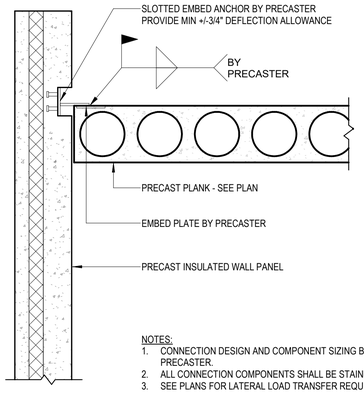


4 S501 PRECAST PANEL OPENING SUPPORT DETAIL
NOT TO SCALE



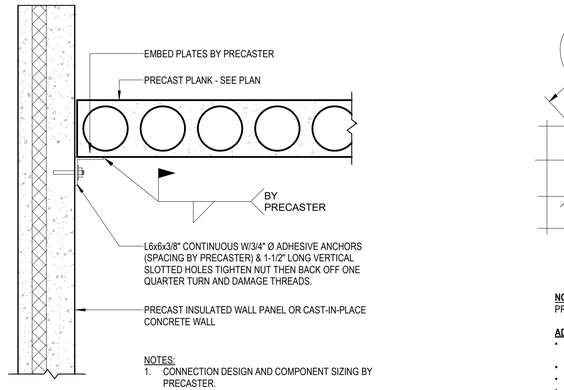
NOTES:
1. ALL CONNECTIONS COMPONENTS SHALL BE STAINLESS STEEL.
2. CONNECTION DESIGN BY PRECASTER.

5 S501 INSULATED WALL PANEL RECESSED CORNER
NOT TO SCALE



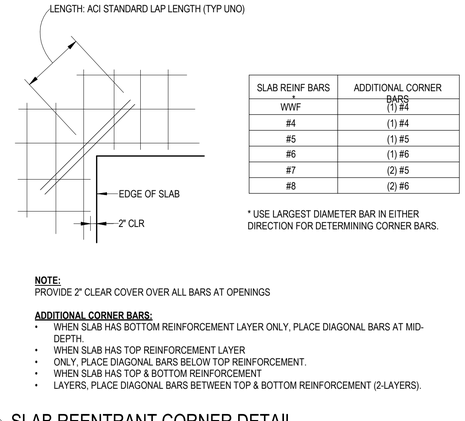
NOTES:
1. CONNECTION DESIGN AND COMPONENT SIZING BY PRECASTER.
2. ALL CONNECTION COMPONENTS SHALL BE STAINLESS STEEL.
3. SEE PLANS FOR LATERAL LOAD TRANSFER REQUIREMENTS.

6 S501 WALL PANEL TO ROOF PLANK CONNECTION
NOT TO SCALE



NOTES:
1. CONNECTION DESIGN AND COMPONENT SIZING BY PRECASTER.
2. ALL CONNECTION COMPONENTS SHALL BE STAINLESS STEEL.

7 S501 WALL PANEL TO ROOF PLANK CONNECTION
NOT TO SCALE



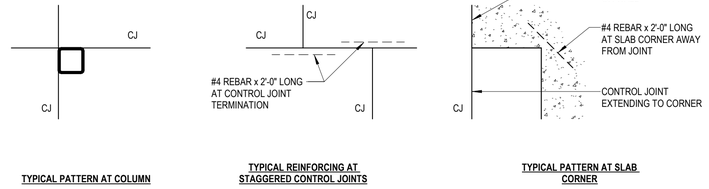
SLAB REINF BARS	ADDITIONAL CORNER BARS *
WWF	(1) #4
#4	(1) #4
#5	(1) #5
#6	(1) #6
#7	(2) #5
#8	(2) #6

* USE LARGEST DIAMETER BAR IN EITHER DIRECTION FOR DETERMINING CORNER BARS.

NOTE:
PROVIDE 2" CLEAR COVER OVER ALL BARS AT OPENINGS

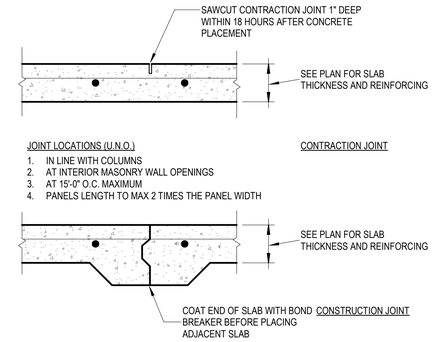
ADDITIONAL CORNER BARS:
- WHEN SLAB HAS BOTTOM REINFORCEMENT LAYER ONLY, PLACE DIAGONAL BARS AT MID-DEPTH.
- WHEN SLAB HAS TOP REINFORCEMENT LAYER
- ONLY, PLACE DIAGONAL BARS BELOW TOP REINFORCEMENT.
- WHEN SLAB HAS TOP & BOTTOM REINFORCEMENT
- LAYERS, PLACE DIAGONAL BARS BETWEEN TOP & BOTTOM REINFORCEMENT (2-LAYERS).

8 S501 SLAB REENTRANT CORNER DETAIL
NOT TO SCALE

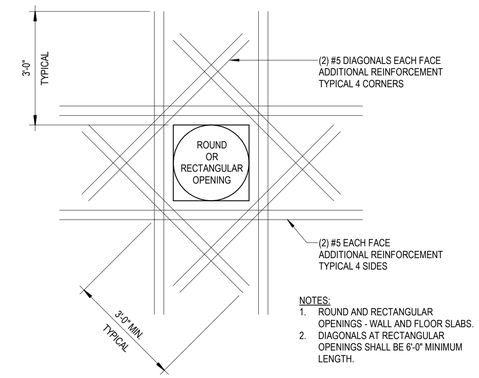


TYPICAL PATTERN AT COLUMN | **TYPICAL REINFORCING AT STAGGERED CONTROL JOINTS** | **TYPICAL PATTERN AT SLAB CORNER**

9 S501 CONTROL JOINT DETAILS
NOT TO SCALE

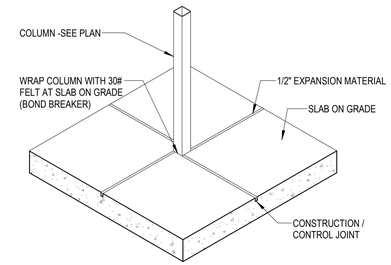


10 S501 CONSTRUCTION OR CONTRACTION JOINT IN SLAB
NOT TO SCALE



NOTES:
1. ROUND AND RECTANGULAR OPENINGS - WALL AND FLOOR SLABS.
2. DIAGONALS AT RECTANGULAR OPENINGS SHALL BE 6'-0" MINIMUM LENGTH.

11 S501 OPENING REINFORCEMENT DETAIL
NOT TO SCALE



12 S501 ISOLATION JOINT DETAIL AT COLUMN
NOT TO SCALE

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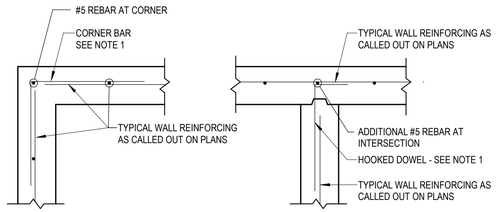
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REVISION SCHEDULE

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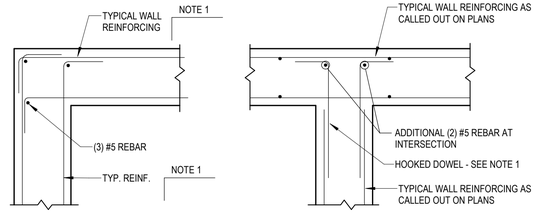
S501



SINGLE MAT

NOTE:
1. 90° HOOK SHALL BE OF SUFFICIENT LENGTH TO PROVIDE THE MINIMUM HORIZONTAL BAR LAP LENGTH SHOWN IN BAR LAP LENGTH TABLE FOUND IN THE GENERAL STRUCTURAL NOTES, U.N.O..
2. TYPICAL FOR ALL CORNERS UNLESS OTHERWISE SHOWN ON THE PLANS.

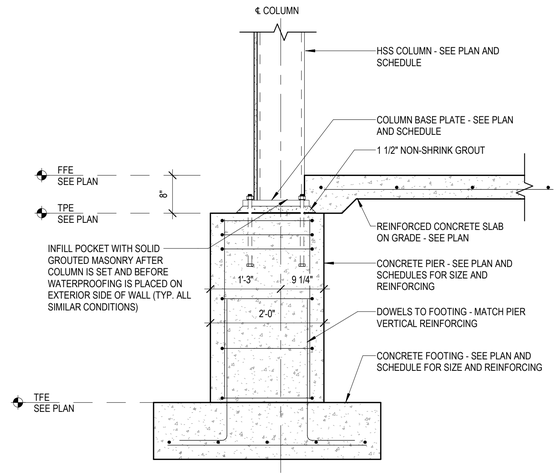
1 S502 CONCRETE CORNER WALL REINFORCING DETAIL
3/4" = 1'-0"



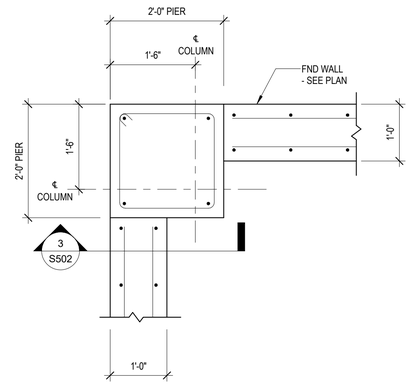
DOUBLE MAT

NOTE:
1. 90° HOOK SHALL BE OF SUFFICIENT LENGTH TO PROVIDE THE MINIMUM HORIZONTAL BAR LAP LENGTH SHOWN IN BAR LAP LENGTH TABLE FOUND IN THE GENERAL STRUCTURAL NOTES, U.N.O..
2. TYPICAL FOR ALL CORNERS UNLESS OTHERWISE SHOWN ON THE PLANS.

2 S502 CONCRETE CORNER WALL REINFORCING DETAIL
3/4" = 1'-0"



3 S502 PIER 'P1' SECTION AT EXTERIOR WALL
3/4" = 1'-0"



4 S502 PIER 'P1' REINFORCING
3/4" = 1'-0"

5 S502 INTERIOR PRECAST WALL FOOTING
3/4" = 1'-0"

6 S502 EXTERIOR PRECAST WALL FOOTING
3/4" = 1'-0"

7 S502 TYPICAL INTERIOR COLUMN FOOTING DETAIL
NOT TO SCALE

8 S502 HOLLOWCORE LAP DETAIL
NOT TO SCALE

9 S502 CONCRETE APRON DETAIL
NOT TO SCALE

10 S502 TRENCH DRAIN DETAIL 8"+ SLABS
NOT TO SCALE

11 S502 CMU BEARING WALL FOOTING DETAIL
NOT TO SCALE

NOTE:
UNLESS NOTED OTHERWISE, PROVIDE CONTINUOUS THICKENED SLAB FOOTING AT ALL PARTITION WALLS 8" OR GREATER.

12 S502 THICKENED SLAB AT NON-BEARING CMU WALL
NOT TO SCALE

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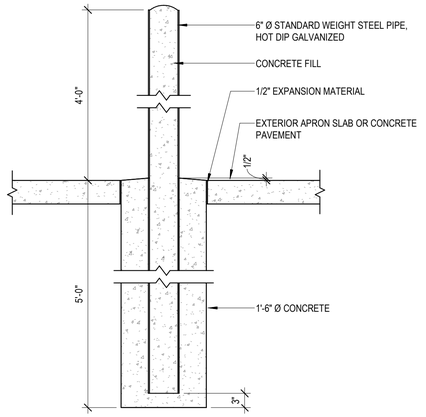
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REV. #	DESCRIPTION	DATE
1	STATE RESUBMITTAL	10/06/2025

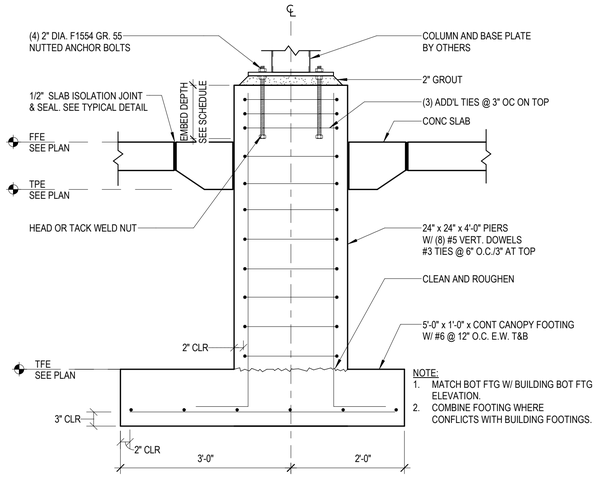
PRECAST/CONCRETE DETAILS

S502



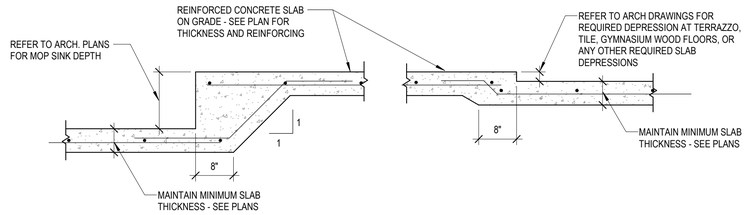
1 S503 EXTERIOR PIPE BOLLARD DETAIL

NOT TO SCALE



2 S503 COLUMN WITH PIER AND FOOTING

NOT TO SCALE

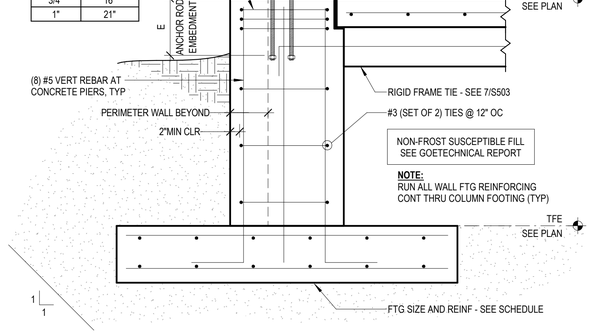


3 S503 TYPICAL SLAB DEPRESSION DETAILS

NOT TO SCALE

4 S503 FOOTING STEP DETAIL

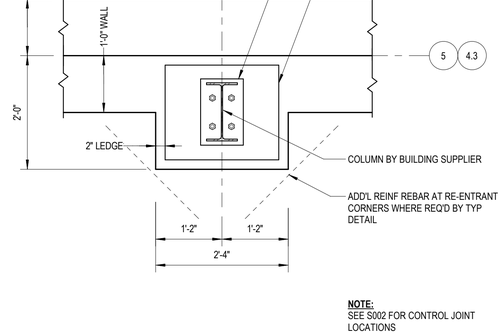
NOT TO SCALE



ANCHOR DIAMETER	EMBEDMENT "E"
3/4"	16"
1"	21"

5 S503 PERIMETER FOUNDATION PIER SECTION (PEMB)

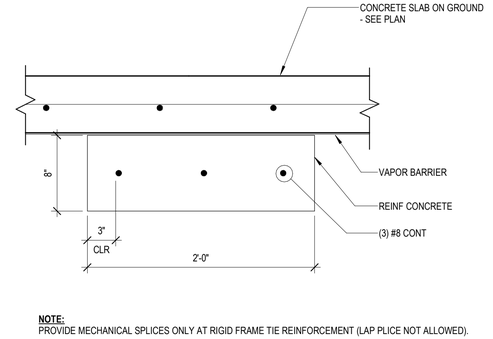
NOT TO SCALE



NOTE:
SEE S002 FOR CONTROL JOINT LOCATIONS

6 S503 COLUMN PIER DETAIL (PEMB)

NOT TO SCALE



NOTE:
PROVIDE MECHANICAL SPLICES ONLY AT RIGID FRAME TIE REINFORCEMENT (LAP PLICE NOT ALLOWED).

7 S503 RIGID FRAME TIE DETAIL

NOT TO SCALE

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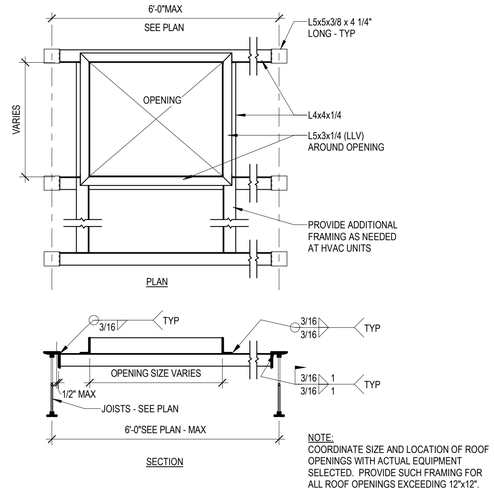
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REVISION SCHEDULE

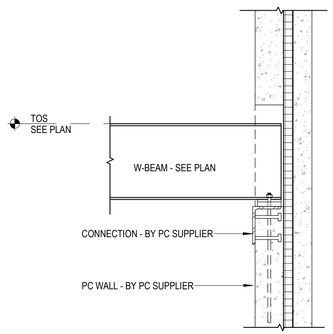
REV. #	DESCRIPTION	DATE

PRECAST/CONCRETE DETAILS

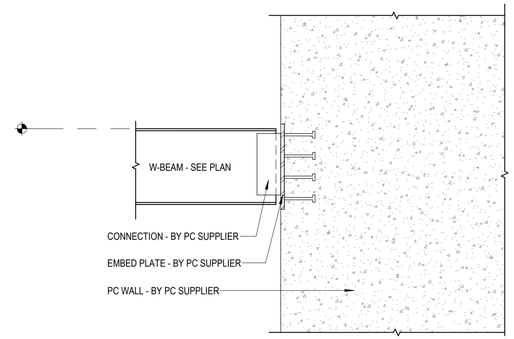
S503



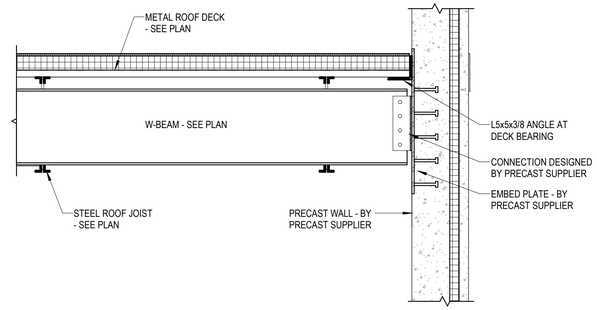
1 S511 TYPICAL ROOF OPENING DETAIL
NOT TO SCALE



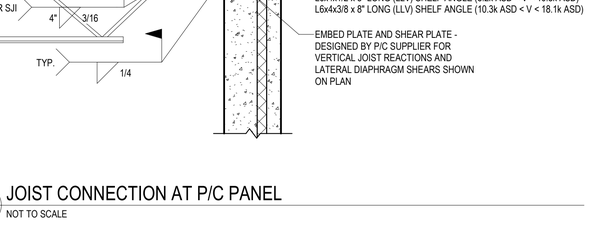
2 S511 STEEL BEAM BEARING IN PRECAST WALL PANEL
NOT TO SCALE



3 S511 STEEL BEAM BEARING AT PRECAST WALL PANEL EDGE
NOT TO SCALE



4 S511 STEEL BEAM BEARING AT PRECAST WALL
NOT TO SCALE



5 S511 METAL DECK CONNECTION AT P/C PANEL
NOT TO SCALE

6 S511 BRIDGING CONNECTION AT LH JOIST
NOT TO SCALE

7 S511 BRIDGING CONNECTION AT LH JOIST
NOT TO SCALE

8 S511 JOIST CONNECTION AT P/C PANEL
NOT TO SCALE

9 S511 JOIST TO WALL CONN. NEAR PANEL JOINT
NOT TO SCALE

10 S511 JOIST TO WALL CONN. NEAR PANEL JOINT
NOT TO SCALE

11 S511 CANOPY EMBED CONNECTION TO PRECAST PANEL
NOT TO SCALE

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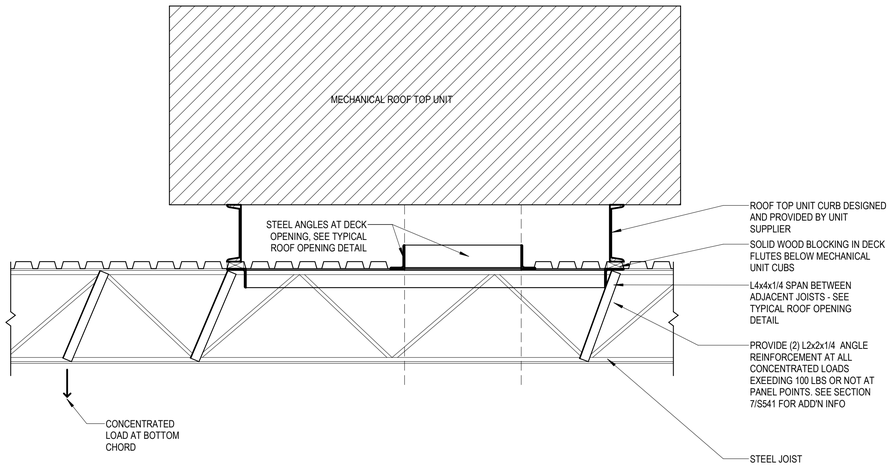
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Checked By	MG, AA
Drawn By	AM, PAM
Project Status	**Issue Date**
FOR CONSTRUCTION	01/26/2026

REVISION SCHEDULE

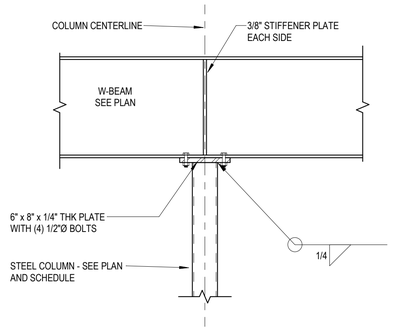
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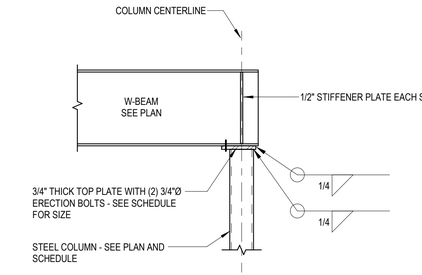
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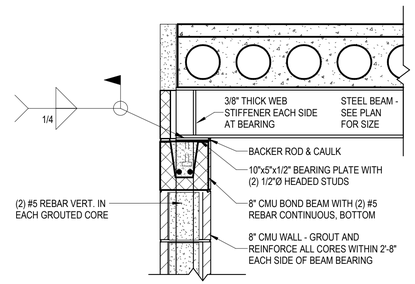
1 S512 JOIST DETAIL AT CONCENTRATED LOADS
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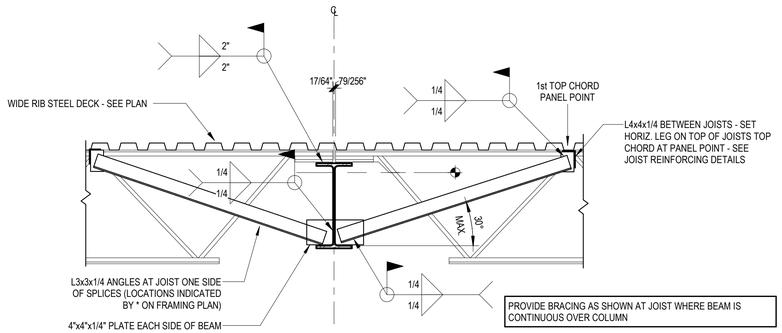
2 S512 COLUMN-BEAM MIDSPAN DETAIL
NOT TO SCALE



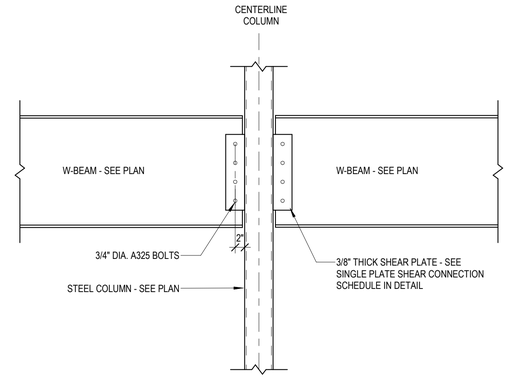
3 S512 TYPICAL BEAM BEARING AT END COLUMN
NOT TO SCALE



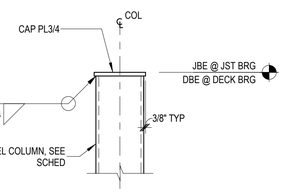
4 S512 BEAM BEARING DETAIL
NOT TO SCALE



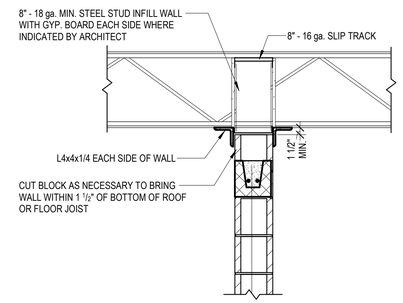
5 S512 BEAM BOTTOM FLANGE BRACING DETAIL
NOT TO SCALE



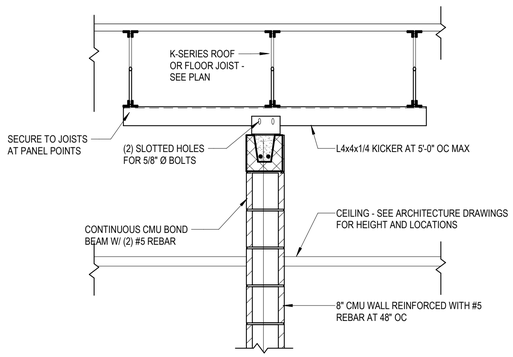
6 S512 BEAM CONNECTION AT CONTINUOUS COLUMN
NOT TO SCALE



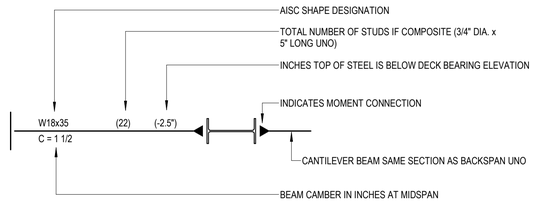
7 S512 TYPICAL CAP PLATE DETAIL
NOT TO SCALE



8 S512 CMU WALL CONNECTION PERP. TO JOISTS
NOT TO SCALE



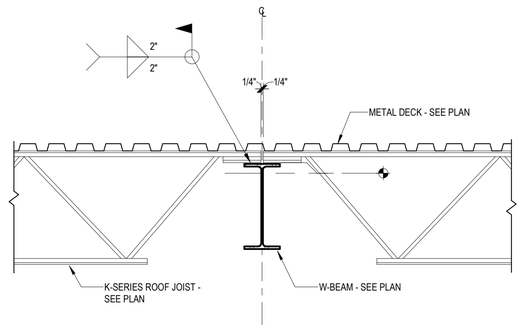
9 S512 MASONRY WALL TOP CONNECTION
NOT TO SCALE



NOTES:

1. TYPICAL CONNECTIONS OF BEAM TO BEAM OR BEAM TO COLUMN SHALL BE SIMPLE SHEAR CONNECTIONS AS NOTED IN CONNECTION SCHEDULE UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
2. IN A MOMENT CONNECTION, THE BEAM WEB SHEAR CONNECTION SHALL BE WELDED OR SLIP CRITICAL BOLTED CONNECTION.
3. WHERE NO REACTION IS NOTED ON THE DRAWINGS, PROVIDE A CONNECTION FOR A REACTION DERIVED FROM THE TABLES OF ALLOWABLE LOADS ON BEAMS, PART 2 OF THE REFERENCED AISC STANDARD GIVEN BEAM, SPAN AND GRADE OF STEEL SPECIFIED MULTIPLIED BY 1.3 FOR NONCOMPOSITE BEAMS AND 2.0 FOR COMPOSITE BEAMS (SHEAR STUDS INDICATED ON PLAN).
4. CONNECTION OF SKEWED BEAM TO COLUMN OR SKEWED BEAM TO BEAM MAY BE SINGLE PLATE "SHEAR TAB".

10 S512 ELEMENT LEGEND
NOT TO SCALE



11 S512 JOIST BEARING AT BEAM DETAIL
NOT TO SCALE

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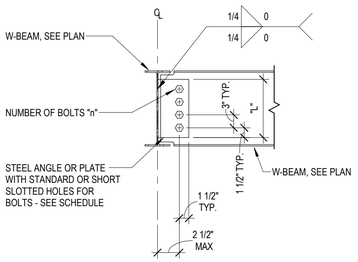
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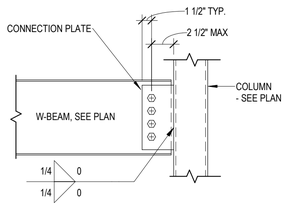
REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

FRAMING DETAILS

S512





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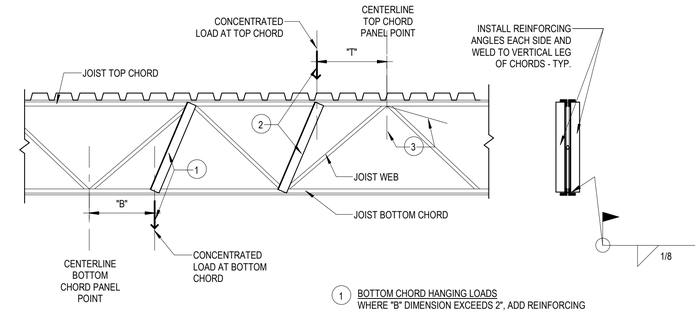
1. ALL PLATES ARE 36 KSI STEEL.
2. ALL BOLTS ARE 3/4" DIA. A325 TYPE N BEARING BOLTS UNLESS NOTED OTHERWISE.
3. SHOP CONNECTIONS MAY BE WELDED OR BOLTED.
4. ALL CONNECTION PLATES ARE TO CONFORM TO THE 14TH EDITION OF THE AISC ASD OR LRFD MANUAL.
5. SINGLE SHEAR PLATE IS TYPICAL CONNECTION UNLESS NOTED OR DETAILED OTHERWISE.
6. REVISE VERTICAL EDGE DISTANCE TO 1 1/4" AS REQUIRED AT W14's.

BEAM TO BEAM OR COLUMN SINGLE SHEAR PLATE CONNECTION SCHEDULE

W SHAPE BEAM SIZE	NUMBER OF BOLTS "n"	PLATE LENGTH (IN INCHES) "L"	PLATE THICKNESS
W8, W10	2	6	3/8"
W12	3	9	3/8"
W14, W16	4	12	3/8"
W18	5	15	3/8"
W21	6	18	3/8"
W24	7	21	3/8"

1 S513 TYPICAL CONNECTION SCHEDULE

NOT TO SCALE



NOTE:

1. JOIST MANUFACTURER TO DESIGN CHORDS FOR MINIMUM BEND LOAD OF 100 LBS. PROVIDE DOUBLE ANGLE REINFORCEMENT FOR CONCENTRATED LOADS BETWEEN 100 LBS AND 200 LBS.
2. THE TOTAL SUM OF TOP AND BOTTOM CHORD LOADS SHALL NOT EXCEED 200 LBS FOR AN 8 FOOT SEGMENT OF JOIST. FOR LOADS GREATER THAN 200 POUNDS AND NOT NOTED ON THE DRAWINGS, CONTACT ENGINEER PRIOR TO INSTALLATION.
3. HANGER LOADS MUST BE APPLIED TO THE CENTERLINE OF CHORDS OF THE JST (I.E. NO ECCENTRICITY)

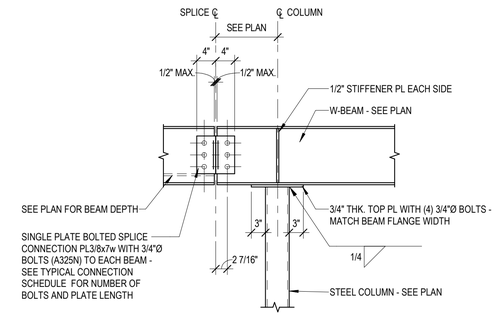
1 BOTTOM CHORD HANGING LOADS
WHERE "B" DIMENSION EXCEEDS 2", ADD REINFORCING ANGLES L2x2x3/16 EACH SIDE FROM POINT OF LOAD TO NEAREST JOIST TOP CHORD PANEL POINT.

2 TOP CHORD POINT LOADS
WHERE "T" DIMENSION EXCEEDS 2" ADD REINFORCING ANGLES L2x2x3/16 EACH SIDE FROM POINT OF LOAD TO NEAREST JOIST BOTTOM CHORD PANEL POINT.

3 WALL BRACING AND ANY OTHER LOADS WHICH MAY PRODUCE UPWARD FORCES MUST BE ATTACHED TO TOP CHORDS AT PANEL POINTS ONLY. WELD BRACES TO VERTICAL LEG OF TOP CHORD ONLY, INSTALL AT LIGHT SKEW TO MISS BOTTOM CHORD AS REQUIRED.

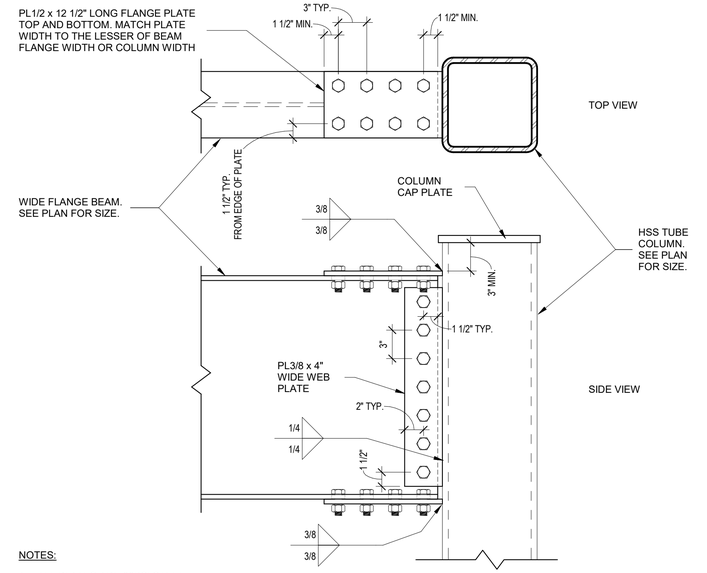
2 S513 TYPICAL JOIST DETAIL AT CONCENTRATED LOADS

NOT TO SCALE



3 S513 TYPICAL BEAM SPLICE DETAIL

NOT TO SCALE

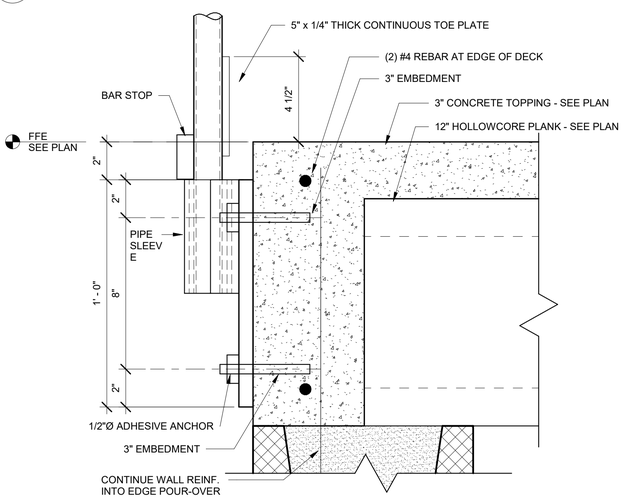


NOTES:

1. ALL PLATES ARE 36KSI STEEL
2. ALL BOLTS ARE 3/4" DIA. A325 TYPE N BEARING BOLTS UNLESS NOTED OTHERWISE
3. SEE TYPICAL CONNECTION SCHEDULE 2/S543 FOR NUMBER OF BOLTS AND PLATE LENGTH TO BE USED FOR THE WEB PLATE
4. ALL CONNECTION PLATES ARE TO CONFORM TO THE 15TH EDITION OF THE AISC ASD OR LRFD MANUAL
5. SEE 10/S541 FOR COLUMN CAP PLATE DETAIL

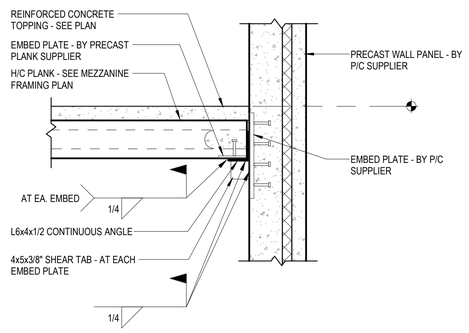
6 S513 MOMENT CONNECTION DETAIL

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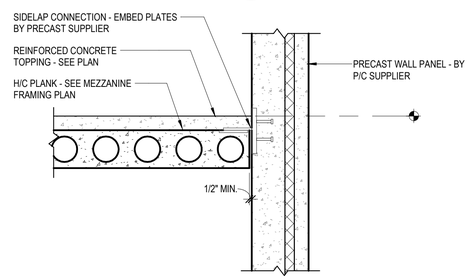
7 S513 SIDE SECTION OF RAILING SIDE MOUNT ATTACHMENT

NOT TO SCALE



8 S513 H/C BEARING AT PRECAST WALL PANEL

NOT TO SCALE

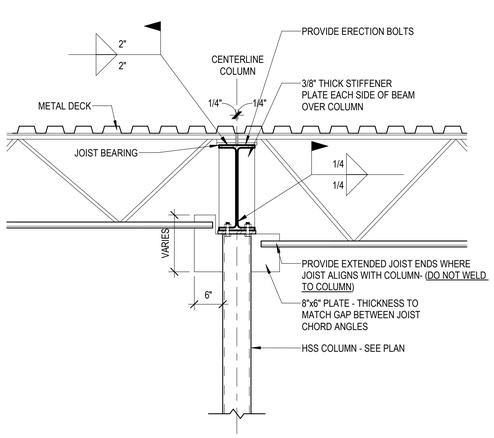


10 S513 H/C LAP SIDE AT PRECAST WALL PANEL

NOT TO SCALE

4 S513 JOIST CONNECTION AT COLUMN - SAME DEPTH

NOT TO SCALE



5 S513 JOIST CONNECTION AT COLUMN

NOT TO SCALE

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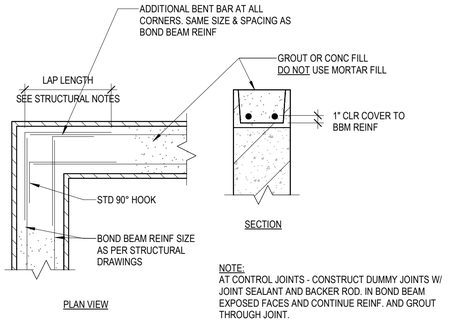
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REVISION SCHEDULE

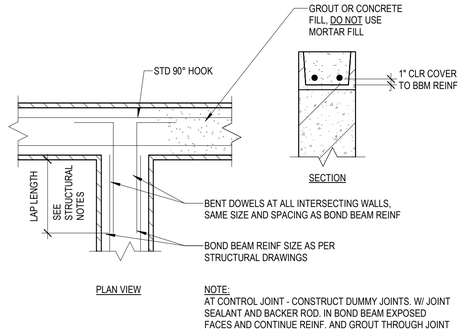
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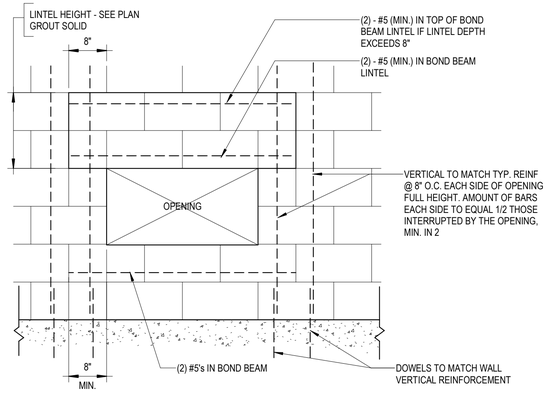
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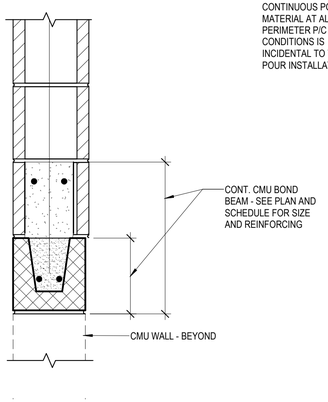
1 S521 **BOND BEAM CORNER REINF. DETAIL**
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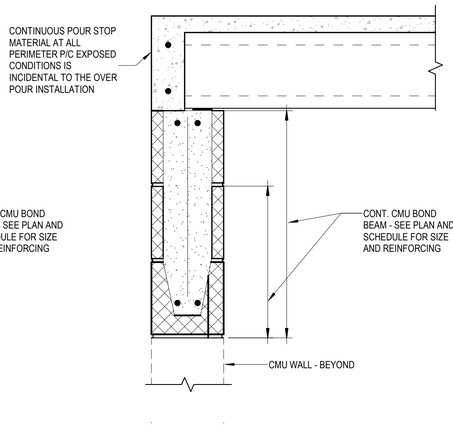
2 S521 **BOND BEAM INTERSECTION REINF. DETAIL**
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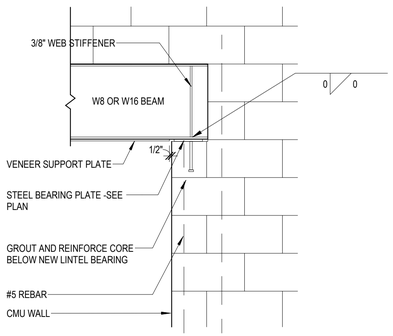
3 S521 **TYPICAL MASONRY OPENING DETAIL**
NOT TO SCALE



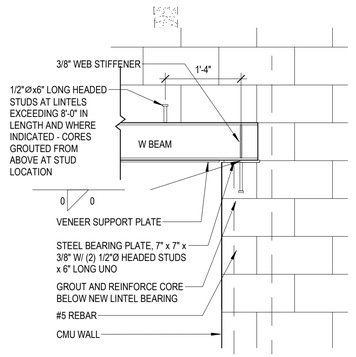
4 S521 **BOND BEAM LINTEL DETAIL**
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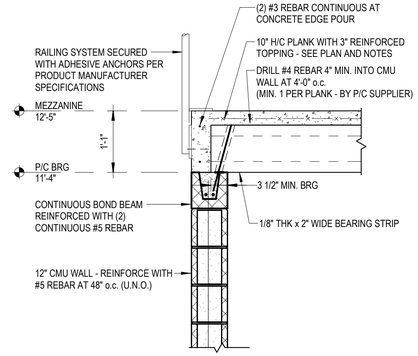
5 S521 **BOND BEAM LINTEL DETAIL**
NOT TO SCALE



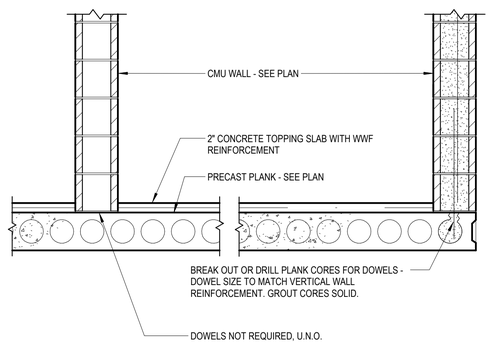
6 S521 **NEW LINTEL BEARING IN NEW WALL**
NOT TO SCALE



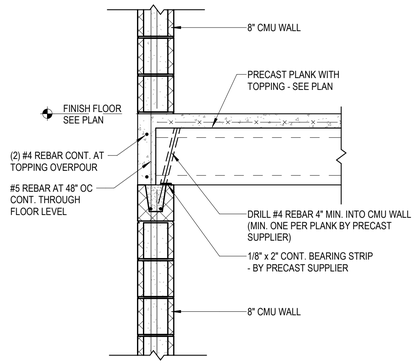
7 S521 **BEAM / LINTEL SUPPORT DETAIL**
NOT TO SCALE



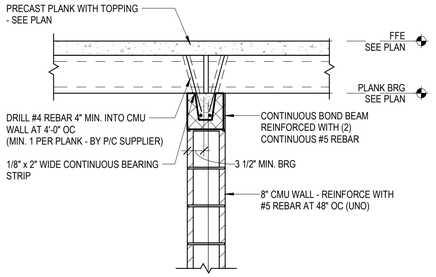
8 S521 **H/C BEARING AT INTERIOR CMU WALL**
NOT TO SCALE



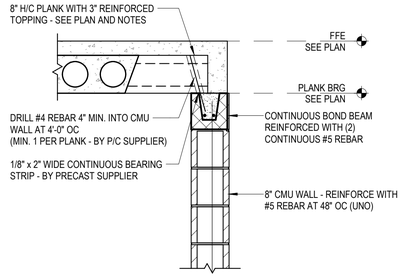
9 S521 **CMU WALL ON PLANK FLOOR - TYPICAL DETAILS**
NOT TO SCALE



10 S521 **H/C PLANK BEARING DETAIL AT 8" CMU WALL**
NOT TO SCALE



11 S521 **H/C BEARING AT INTERIOR CMU WALL**
NOT TO SCALE



12 S521 **PLANK EDGE AT INTERIOR CMU WALL**
NOT TO SCALE

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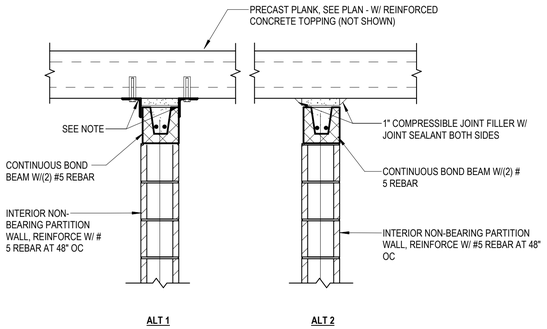
Project Status	**Issue Date**
FOR CONSTRUCTION	01/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

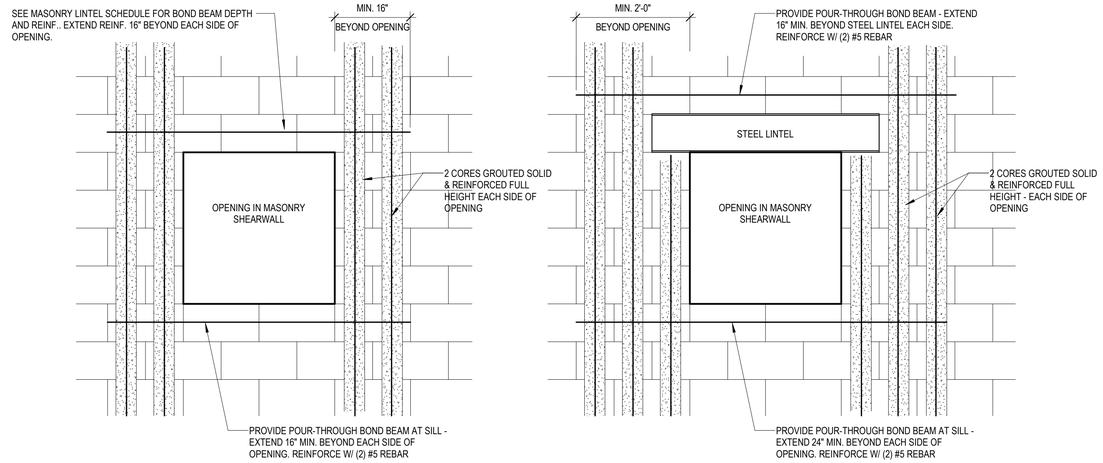
MASONRY DETAILS

S521

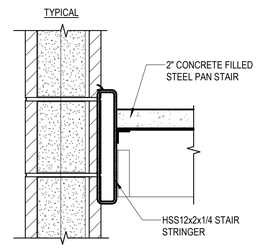


NOTE:
ANGLE BRACES ARE REQUIRED ONLY IF LENGTH OF UNSUPPORTED WALL EXCEEDS 30 TIMES NOMINAL CMU SIZE. L8x4x7/16 (LLV) W/ THREADED ANCHOR TO PLANK EACH SIDE OF WALL

1 S522 CMU PARTITION WALL TOP SEAL TO PRECAST
NOT TO SCALE

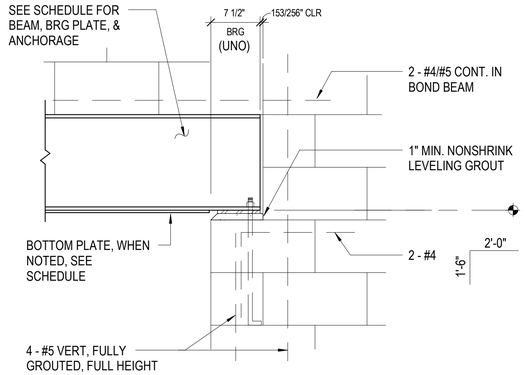


2 S522 PERFORATED MASONRY SHEARWALLS - APPARATUS BAY ONLY
NOT TO SCALE

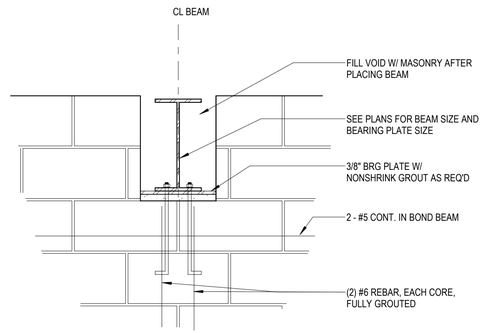


NOTE:
ABOVE REFERENCED DETAIL IS TYPICAL, HOWEVER IF FABRICATOR AND INSTALLER CANNOT MEET SPECIFIED TOLERANCES, ALTERNATE STRINGER CLOSURE DETAIL SHALL BE USED. SEE ARCH. DETAIL.

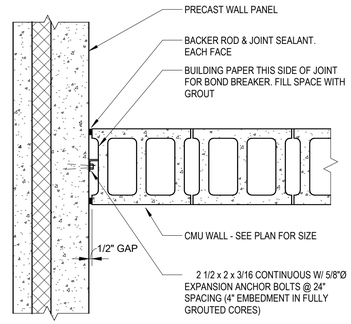
3 S522 TYP. STAIR STRINGER
NOT TO SCALE



4 S522 STEEL BEAM SEAT DETAIL
NOT TO SCALE



5 S522 STEEL BEAM SEAT ELEVATION
NOT TO SCALE



6 S522 CMU TO PRECAST WALL CONNECTION DETAIL
NOT TO SCALE

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/4/2026 3:25:58 PM

SEH

Project Owner

CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY

PRAIRIE DU CHIEN, WISCONSIN

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SEH Project	PDCAR 177629
Checked By	MG, AA
Drawn By	AM, PAM

Project Status	**Issue Date**
FOR CONSTRUCTION	01/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

MASONRY DETAILS

S522

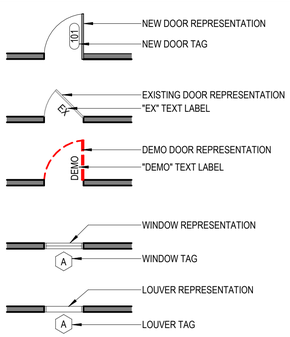
ABBREVIATIONS

&	AND
∠	ANGLE
@	AT
℄	CENTERLINE
⌀	DIAMETER/ROUND
(E)	EXISTING
#	POUND/NUMBER
+/-	PLUS OR MINUS
P	PROPERTY LINE
SQ	SQUARE
A/C	AIR CONDITIONING
A.B.	ANCHOR BOLT
ABV.	ABOVE
A.C.	ASPHALTIC CONCRETE
ACC.	ACCESSIBLE
ACOUS.	ACOUSTICAL
A.D.	AREA DRAIN
	ACCESS DOOR
ADD.	ADDENDUM
ADJ.	ADJUSTABLE
ADJA.	ADJACENT
A.F.	ACCESS FLOOR
A.F.F.	ABOVE FINISH FLOOR
AGGR.	AGGREGATE
A.H.U.	AIR HANDLING UNIT
ALUM.	ALUMINUM
ALT.	ALTER OR ALTERNATE
ANG.	ANGLE
ANOD.	ANODIZED
A.P.	ACCESS PANEL
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
ASPH.	ASPHALT (PAVING)
A.T.	ACOUSTICAL TILE
A.W.	ARCHITECTURAL WOODWORK
BD.	BOARD
BITUM.	BITUMINOUS
BLDG.	BUILDING
BLK.	BLOCK
BLKG.	BLOCKING
BM.	BEAM
B.O.H.	BACK OF HOUSE
BOT.	BOTTOM
BR.	BEDROOM
BRG.	BEARING
BRKT.	BRACKET
B.S.	BOTH SIDES
BSMT.	BASEMENT
BTWN.	BETWEEN
B.U.R.	BUILT-UP ROOFING
C	CHORD/COMPACT
CAB.	CABINET
C.B.	CATCH BASIN
C.B.B.	CEMENTITIOUS BACKER BOARD
C.C.T.V.	CLOSED CIRCUIT TELEVISION
C.D.	CEILING DIFFUSER
CEM.	CEMENT
CER.	CERAMIC
C.F./C.I.	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
C.F.M.	CUBIC FEET PER MINUTE
C.G.	CORNER GUARD
CHAN.	CHANNEL
CH.W.R.	CHILLED WATER RETURN
CH.W.S.	CHILLED WATER SUPPLY
C.I.	CAST IRON
C.I.P.	CAST-IN-PLACE
CIRC.	CIRCULATING
C.J.	CONTROL JOINT
CLNG.	CEILING
CLO.	CLOSET
CLR.	CLEAR
CM.	CENTIMETER
C.M.U.	CONCRETE MASONRY UNIT
CNTR.	COUNTER
C.O.	CLEANOUT/CASED OPENING /CONCRETE OPENING
COL.	COLUMN
COMM.	COMMUNICATION
COMP.	COMPARTMENT
CONC.	CONCRETE
COND.	CONDITION
CONN.	CONNECTION
CONSTR.	CONSTRUCTION
CONT.	CONTINUOUS
CONTR.	CONTRACTOR
COOR.	COORDINATE
CORR.	CORRIDOR
C.O.T.G.	CLEAN OUT TO GRADE
CP.	CARPET
C.R.	CLOSET ROD
C.R.M.	CONCRETE RUBBLE MASONRY
C.T.	CERAMIC TILE
CTR.	CENTER
CTSK.	COUNTERSUNK
CUST.	CUSTOM
C.W.	COLD WATER
C.W.R.	COLD WATER RETURN
d	PENNY (NAILS)
D.	DEEP/DEPTH/DRYER
D.A.	DOUBLE ACTING
DBL.	DOUBLE
D.D.	DECK DRAIN
DEPT.	DEPARTMENT
DET.	DETAIL
D.F.	DRINKING FOUNTAIN
DIA.	DIAMETER
DIAG.	DIAGONAL
DIM.	DIMENSION
DISP.	DISPENSER
DN.	DOWN
D.O.	DOOR OPENING
D.PTN	DEMOUNTABLE PARTITION
DR.	DOOR
DS	DOWNSPOUT
D.SP.	DRY STANDPIPE
DW.	DISHWASHER
DWG.	DRAWING
DWR.	DRAWER
E.	EAST
EA.	EACH
E.A.R.	EXHAUST AIR REGISTER
E.C.	ELASTOMERIC COATING/ EXPOSED CONSTRUCTION
E.F.	EXHAUST FAN
E.F.S.	EXTERIOR FINISH SYSTEM
E.G.C.B.	EXTERIOR GYPSUM CEILING BOARD
E.G.S.B.	EXTERIOR GYPSUM SHEATHING BOARD
E.I.F.S.	EXTERIOR INSULATION & FINISH SYSTEM
E.J.	EXPANSION JOINT
EL.	ELEVATION
ELAS.	ELASTOMERIC
ELEC.	ELECTRICAL
ELEV.	ELEVATOR
EMER.	EMERGENCY
ENCL.	ENCLOSURE
E.O.S.	EDGE OF SLAB
E.P.	ELECTRICAL PANEL
EQ.	EQUAL
EQPT.	EQUIPMENT
E.W.	EACH WAY
E.W.C.	ELECTRICAL WATER COOLER
EXH.	EXHAUST
EXP.	EXPANSION
EXPO.	EXPOSED
EXIST.	EXISTING
EXT.	EXTERIOR
F.	FEMALE
F.A.	FIRE ALARM
FAB.	FABRICATE
F.A.M.	FLUID APPLIED MEMBRANE
F.B.	FLAT BAR
F.C.O.	FLOOR CLEAN OUT
F.C.U.	FAN COIL UNIT
F.D.	FLOOR DRAIN/ FIRE DAMPER
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
F.F.&E.	FURNITURE, FIXTURE & EQUIPMENT
F.F.S.	FINISH FLOOR SEPARATION
F.H.	FLAT HEAD
F.H.C.	FIRE HOSE CABINET
FIN.	FINISH
FIXT.	FIXTURE
FLASH.	FLASHING
FLDG.	FOLDING
FLG.	FLOORING
FLR.	FLOOR
FLUOR.	FLUORESCENT
F.N.D.	FEMININE NAPKIN DISPOSAL
F.N.V.	FEMININE NAPKIN VENDOR
FND.	FOUNDATION
F.O.	FACE OF ...
F.O.C.	FACE OF CONCRETE
F.O.M.	FACE OF MANSONRY
F.O.S.	FACE OF SLAB/ FACE OF STUD
F.O.W.	FACE OF WALL
FR.	FRAME
F.R.G.	FIBER REINFORCED GYPSUM
F.R.P.	FIBERGLASS REINFORCED POLYESTER
F.R.T.	FIRE RETARDANT TREATED WOOD
FRZ.	FREEZER
F.S.	FLOOR SINK/FULL SIZE
FT.	FOOT/FEET
F.T.D.	FACIAL TISSUE DISPENSER
FTG.	FOOTING
FURR.	FURRING/FURRED
FUT.	FUTURE
G.	GAS (PIPE)
GA.	GAGE
GAL.	GALLON
GALV.	GALVANIZED
G.B.	GRAB BAR
GEN.	GENERATOR
G.F.I.	GROUND FAULT INTERCEPTOR
G.F.R.C.	GLASS FIBER REINFORCED CONCRETE
GL.	GLASS
GLU-LAM	GLUED LAMINATED WOOD
GND.	GROUND
G.P.H.	GALLONS PER HOUR
G.S.B.	GYPSUM SHEATHING BOARD
GYP.	GYPSUM
H.	HEIGHT/HIGH
H.B.	HOSE BIB
H.C.	HOLLOW CORE
HCP.	HANDICAPPED
HD.	HEAD
HDWD.	HARDWOOD
HDWE.	HARDWARE
H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
HR.	HOUR
H.S.	HAND SINK
HT.	HEIGHT
HTR.	HEATER
H.V.A.C.	HEATING, VENTILATION AND AIR CONDITIONING
H.W.	HOT WATER
H.W.R.	HOT WATER RETURN
I.D.	INSIDE DIAMETER (DIMENSION)
INCL.	INCLUDED/INCLUSIVE/ INCLUDING
INSUL.	INSULATION
INT.	INTERIOR
INV.	INVERT
JAL.	JALOUSIE
JAN.	JANITOR
J.B.	JUNCTION BOX
JST.	JOIST
JT.	JOINT
K.D.	KNOCK DOWN
KG.	KILOGRAM
KIT.	KITCHEN
KM.	KILOMETER
K.O.	KNOCK-OUT
KW	KILOWATT
L.	LENGTH/LONG
LAB.	LABORATORY
LAM.	LAMINATE/LAMINATED
LAV.	LAVATORY
LB.	POUND
L.F.	LINEAL FOOT
LIQ.	LIQUOR
LKR.	LOCKER
LOC.	LOCATION
L.P.	LAMINATED PLASTIC
LTG.	LIGHTING
LVR.	LOUVER
M.	MALE
MAT'L.	MATERIAL
MAX.	MAXIMUM
M.B.	MACHINE BOLT
M.C.	MEDICINE CABINET
MECH.	MECHANICAL
MEMB.	MEMBRANE
MET.	METAL
MFR.	MANUFACTURER
MH.	MANHOLE
MIN.	MINIMUM
MIR.	MIRROR
MISC.	MISCELLANEOUS
MLDG.	MOULDING
MM.	MILLIMETER
M.O.	MASONRY OPENING
MOD.	MODULAR
M.R.	MOISTURE RESISTANT
MTD.	MOUNTED
MTG.	MOUNTING
N.	NORTH
N.I.C.	NOT IN CONTRACT
N.L.	NIGHT LIGHT
NO.	NUMBER
NOM.	NOMINAL
N.S.	NO SCALE
N.T.S.	NOT TO SCALE
O.	OVER
O.C.	ON CENTER
OA.	OVERALL
O.A.G.	OUTSIDE AIR GRILLE
OBS.	OBSCURE
O.D.	OUTSIDE DIAMETER (DIMENSION)
O.F./C.I.	OWNER FURNISHED/ CONTRACTOR INSTALLED
OFD.	OVERFLOW DRAIN
OFF.	OFFICE
O.F./O.I.	OWNER FURNISHED/ OWNER INSTALLED
OPNG.	OPENING
OPP.	OPPOSITE
OPQ.	OPAQUE
OPR.	OPERABLE
OVHD.	OVERHEAD
PASS.	PASSAGE
P.C.	POST CONTRACT
P.C.A.	POST CONTRACT ARCHITECTURAL
PC.	PIECE
P.D.	PLANTER DRAIN
PERIM	PERIMETER
PERP.	PERPENDICULAR
PH.	PENTHOUSE
P.I.P.	POURED-IN-PLACE
PL.	PLATE
PLAM.	PLASTIC LAMINATE
PLAS.	PLASTER
PLBG.	PLUMBING
PLYWD.	PLYWOOD
PNL.	PANEL
PR.	PAIR
P.R.B.P.	PRESSURE REDUCING BACK FLOW PREVENTER
PRCST.	PRECAST
PREFAB.	PREFABRICATED
PREP.	PREPARATION
PROP.	PROPERTY
P.R.V.	PRESSURE RELIEF VALVE
P.S.F.	POUNDS PER SQUARE FOOT
PT.	PAINT/POINT
P.T.D.	PAPER TOWEL DISPENSER
P.T.D.R.	PAPER TOWEL DISPENSER & RECEPTACLE
PTN.	PARTITION
P.T.R.	PAPER TOWEL RECEPTACLE
PVC	POLY VINYL CHLORIDE
Q.T.	QUARRY TILE
R.	RISER
RAD.	RADIUS
R.B.	RESILIENT BASE
RB.HK.	ROBE HOOK
R.C.P.	REFLECTED CEILING PLAN
R.D.	ROOF DRAIN
REBAR	REINFORCING BAR
REF.	REFERENCE/REFER
REFL.	REFLECTOR
REFR.	REFRIGERATOR
REINF.	REINFORCED/REINFORCING
REQ.	REQUIRED
RESIL.	RESILIENT
REST.	RESTROOM
REV.	REVISED/REVISION
R.F.	RESILIENT FLOORING
RFG.	ROOFING
RGTR.	REGISTER
R.H.	ROUND HEAD
RLG.	RAILING
RM.	ROOM
R.O.	ROUGH OPENING
R.W.R.	RECESSED WASTE RECEPTACLE
RWD.	REDWOOD
R.W.L.	RAIN WATER LEADER
S.	SOUTH
S.A.	SINGLE ACTING
S.C.	SOLID CORE
SC.	SCALE
SCHED.	SCHEDULE
SCP.	SCUPPER
S.C.R.	SHOWER CURTAIN ROD
S.D.	SMOKE DETECTOR
SECT.	SECTION
S.F.	SQUARE FEET
SH.	SHELF
SHR.	SHOWER
SHT.	SHEET
SHTG.	SHEATHING
SIM.	SIMILAR
SL.	SLOPE
SLDG.	SLIDING
SLNT.	SEALANT
S.M.	SQUARE METER
S.MH.	SEWER MANHOLE
S.N.D.	SANITARY NAPKIN DISPENSER
S.N.R.	SANITARY NAPKIN RECEPTACLE
S.P.	SOLID PLASTIC
SPEC.	SPECIFICATIONS
SPKR.	SPEAKER
SPRK.	SPRINKLER
SQ.	SQUARE
S.SK.	SERVICE SINK
S.STL.	STAINLESS STEEL
ST.	STONE
STA.	STATION
STD.	STANDARD
STL.	STEEL
STOR.	STORAGE
STRUCT.	STRUCTURE/STRUCTURAL
SURR.	SURROUND
SUSP.	SUSPEND/SUSPENDED
SVC.	SERVICE
SW.	SWITCH
SYM.	SYMMETRICAL
SYS.	SYSTEM
T.	TREAD
T&G	TONGUE AND GROOVE
T./S	TUB/SHOWER
TACKBD	TACKBOARD
T.B.	TOWEL BAR
T.D.	TRENCH DRAIN
TEL.	TELEPHONE
TEMP.	TEMPERED/TEMPORARY
TER.	TERRAZZO
TFE	TOP OF FOOTING
TFMR.	TRANSFORMER
THK.	THICK/THICKNESS
THR.	THRESHOLD
TLT.	TOILET
T.O.	TOP OF ...
T.O.C.	TOP OF CURB
T.O.F.	TOP OF FLOOR
T.O.P.	TOP OF PARAPET TOP OF PAVEMENT
T.P.B.	TELEPHONE POWER BOARD
T.P.D.	TOILET PAPER DISPENSER
T.P.H.	TOILET PAPER HOLDER
TOS	TOP OF STEEL
TPE	TOP OF PIER
TRAN.	TRANSITION
TRANS.	TRANSPARENT
TSE	TOP OF SLAB
T.S.	TUBE STEEL
T.S.C.D.	TOILET SEAT COVER DISPENSER
T.SH.	TOWEL SHELF
TV.	TELEVISION
TWE	TOP OF WALL
TYP.	TYPICAL
UC.	UNDERCUT
U.L.	UNDERWRITERS LABORATORIES, INC.
UNF.	UNFINISHED
U.N.O.	UNLESS NOTED OTHERWISE
U.P.	UPHOLSTERED PANELS
UR.	URINAL
VAL.	VALANCE
VAR.	VARIES
V.C.T.	VINYL COMPOSITION TILE
VERT.	VERTICAL
VEST.	VESTIBULE
VLV.	VALVE
VOL.	VOLUME
V.P.	VENEER PLASTER
V.T.R.	VENT THROUGH ROOF
W.	WEST/WIDTH/WIDE/WASHER
W/	WITH
W/O	WITHOUT
W.C.	WATER CLOSET
WD.	WALLCOVERING
WD.P.	WOOD PANELING
WDW.	WINDOW
W.GL.	WIRE GLASS
W.H.	WATER HEATER
W.O.	WARNOCK HERSEY WHERE OCCURS/ WINDOW OPENING
WP.	WATERPROOF
WP.M.	WATERPROOF MEMBRANE
W.S.	WOOD SCREWS
W.R.	WATER RESISTANT
WRB.	WARDROBE
WSCT.	WAINSCOT
W.S.P.	WET STAND PIPE
WT.	WEIGHT
W.W.F.	WELDED WIRE FABRIC

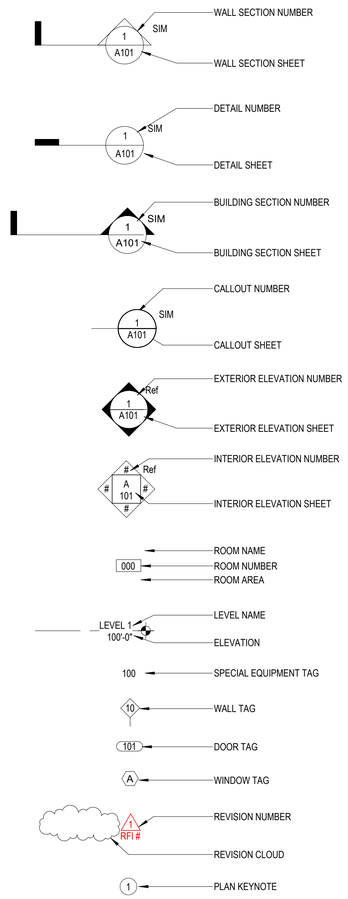
MATERIAL SYMBOLS

- SOIL
- BASE COURSE, SUB-BASE, GRAVEL, CRUSHED ROCK
- CONCRETE
- BRICK MASONRY
- CUT STONE, SAND, MORTAR, PLASTER
- CONCRETE MASONRY UNITS
- STEEL
- ALUMINUM (OMIT IN THIN MATERIAL)
- BRONZE, BRASS, COPPER
- INSULATION BOARD
- RIGID INSULATION
- BATT INSULATION
- WOOD, FINISH
- WOOD FRAMING THROUGH MEMBER
- WOOD FRAMING INTERRUPTED MEMBER
- METAL LATH
- PLYWOOD
- GYPSUM BOARD
- PARTICLE BOARD
- GLASS
- GLASS BLOCK
- CARPET
- CERAMIC TILE, QUARRY TILE, OR RESILIENT FLOORING (SHOWN PROFILE ONLY)
- ASPHALTIC CONCRETE OR A.C. PAVING (SHOWN PROFILE ONLY)

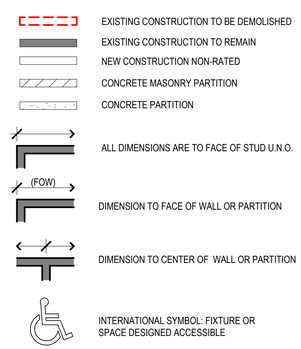
OPENING SYMBOLS



CALLOUT SYMBOLS



GENERAL SYMBOLS



GENERAL NOTES

ARCHITECTURE GENERAL NOTES:

1. THESE DRAWINGS ARE LEGAL INSTRUMENTS OF SERVICE FOR THE USE OF THE OWNER AND ITS AUTHORIZED AGENTS AND VENDORS ON THE DESIGNATED PROJECT ONLY.
2. GC RESPONSIBLE FOR KNOWLEDGE OF RELATIVE INFORMATION CONTAINED IN THESE DOCUMENTS AND THE CONDITIONS UNDER WHICH THE WORK WILL BE PERFORMED.
3. CAREFULLY AND THOROUGHLY EXAMINE THE PROJECT SITE, FIELD VERIFY ALL CONDITIONS, GRADES, ELEVATIONS AND DIMENSIONS OF THE VARIOUS FEATURES OF THE SITE AND COMPARE DRAWINGS WITH THE EXISTING CONDITIONS. ANY DISCREPANCIES AND/OR CONDITIONS NEEDING CLARIFICATION SHALL BE REPORTED IN WRITING TO THE ARCHITECT BEFORE STARTING WORK.
4. ALL CONSTRUCTION, FABRICATION AND INSTALLATION SHALL CONFORM TO THE LATEST LOCALLY ADOPTED EDITIONS OF THE IBC, IPC, IMC, NEC, NFPA, OSHA AND ANY FEDERAL, STATE AND LOCAL CODES, REGULATIONS, STANDARDS AND ORDINANCES OF GOVERNING AGENCIES HAVING JURISDICTION. SUCH APPLICABLE CODES, ETC. ARE THOSE WHICH ARE IN EFFECT AT THE TIME THE PROJECT PERMIT APPLICATION IS RECORDED.
5. ALL TRADES ARE CONSIDERED SPECIALISTS IN THEIR RESPECTIVE FIELD/TRADE AND SHALL, BEFORE SUBMISSION OF BID OR PERFORMANCE OF WORK, NOTIFY THE CONTRACTOR IN WRITING OF ANY WORK ON THE DRAWINGS OR IN THE SPECIFICATIONS WHICH CANNOT BE FULLY WARRANTED OR CONSTRUCTED AS DETAILED OR SPECIFIED. THE CONTRACTOR WILL NOTIFY THE ARCHITECT OF SUCH CONDITIONS IN WRITING.
6. DUE TO REPRODUCTION PROCESSES, DRAWINGS MAY NOT BE ACCURATE TO SCALE. ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE SHOWN AND IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS, ELEVATIONS OR DETAILS.
7. THE STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. DISCREPANCIES BETWEEN THE VARIOUS DRAWINGS SHALL BE REPORTED BY THE CONTRACTOR TO THE ARCHITECT IN WRITING.
8. BEFORE STARTING WORK, COORDINATE WITH THE OWNER'S REPRESENTATIVE FOR INSTALLATION OF EQUIPMENT INDICATED N.I.C. ON DRAWINGS. VERIFY EQUIPMENT LOCATIONS WITH THE OWNER'S PRESENTATIVE. VERIFY DIMENSIONS, UTILITIES, ETC, WITH EQUIPMENT MANUFACTURERS ROUGH -- IN DATA PRIOR TO FORMING THE SLAB.
9. PRODUCTS AND MANUFACTURED ITEMS SHALL BE PROVIDED AS SPECIFIED. SUBSTITUTIONS WILL BE PERMITTED IN ACCORDANCE WITH THE PROCEDURES OUTLINED IN THE SPECIFICATIONS.
10. WHERE DETAILS ARE NOT SHOWN OR NOTED, GC IS TO PROVIDE A WRITTEN REQUEST FOR INFORMATION TO CLARIFY SPECIFIC DETAIL CONDITIONS.
11. ALL INDICATED EXISTING UTILITIES OR STRUCTURES ARE BASED ON INFORMATION OF RECORD. TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES NOT OF RECORD OR NOT SHOWN. BE RESPONSIBLE FOR ANY AND ALL DAMAGE WHICH MAY OCCUR DUE TO FAILURE TO LOCATE AND PROTECT ALL CONCEALED UTILITIES.
12. COMPLY WITH ALL JURISDICTIONAL AGENCY REQUIREMENTS AND REGULATIONS. PERFORM ALL WORK ON THIS PROJECT IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS 29 CFR 1910 AND 1926 OF THE U.S. DEPARTMENT OF LABOR AND THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES.
13. FINAL CONNECTIONS TO EQUIPMENT SHALL BE AS PER MANUFACTURER'S WIRING DIAGRAMS, DETAILS AND INSTRUCTIONS. BE RESPONSIBLE TO PROVIDE MATERIALS AND EQUIPMENT COMPATIBLE WITH EQUIPMENT ACTUALLY SUPPLIED.
14. PROVIDE PERMITS AND INSPECTIONS REQUIRED BY JURISDICTIONAL AGENCIES.
15. PROVIDE SET OF RECORD DRAWINGS TO ARCHITECT. DRAWINGS SHALL INCLUDE ALL ADDENDUM ITEMS, CHANGE ORDERS, ALTERATIONS, REROUTINGS, ETC.
16. SERVICE SHALL BE MAINTAINED TO EXISTING AREAS DURING CONSTRUCTION. PROVIDE PORTABLE GENERATORS, CABLES, OUTLETS ETC., TO MAINTAIN CONTINUITY OF SERVICE PLACEMENT OF SUCH PORTABLE EQUIPMENT SHALL BE SUBJECT TO OWNER APPROVAL.
17. COORDINATE CONSTRUCTION PHASING WITH THE OWNER. TEMPORARY PARTITIONS, LOCATIONS & CONSTRUCTION DETAILS IN PUBLIC SPACES SHALL BE SUBMITTED TO THE OWNER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
18. PATCH AND MATCH ALL NEW WORK W/ EXISTING WHERE NEW TO EXISTING INTERFACE OCCURS.
19. RESTORE ALL REMOVED OR DAMAGED STRUCTURAL STEEL CEMENTITIOUS FIRE PROOFING TO REQUIRED FIRE RESISTIVE STANDARD.
20. SUBMIT SAMPLES OF ALL EXPOSED PRODUCTS, MATERIALS, PAINTING SYSTEMS, ETC. FOR ARCHITECT'S REVIEW, COLOR SELECTION OR COLOR VERIFICATION PRIOR TO ORDERING ITEMS.
21. SEAL ALL DUCTS, LOUVERS, VENTS, OPENINGS AND CEILING SPACES BETWEEN CONSTRUCTION AREA AND REMAINDER OF SHELLED SPACES TO PREVENT DUST, DIRT, CONTAMINATION OR DEBRIS FROM ENTERING.
22. DO NOT ALLOW DIRT, DEBRIS OR DISCARDED MATERIALS TO ACCUMULATE ON SITE. REMOVE PROMPTLY EACH DAY.
23. VERIFY SERVICES TO BE ABANDONED, REMOVED OR CUT HAVE BEEN PROPERLY AND SAFELY SHUT OFF, CAPPED OR SEALED.
24. KEEP NOISE AND VIBRATION PRODUCING ACTIVITIES AT A MINIMUM WHEN WORKING WITHIN OR THE EXISTING BUILDING. APPROPRIATE TIMES OF SUCH ACTIVITIES SHALL BE COORDINATED WITH OWNER IN WRITING AT BEGINNING OF PROJECT.
25. IN THE EVENT THAT NOISE AND VIBRATION PRODUCING ACTIVITIES WILL OCCUR DURING TIMES OTHER THAN THOSE NOTED ABOVE, OBTAIN PERMISSION FROM THE OWNER IN WRITING A MINIMUM OF 72 HOURS PRIOR TO COMMENCEMENT OF ACTIVITIES.
26. KEEP UTILITY AND SERVICE OUTAGES TO A MINIMUM. MAKE WRITTEN OUTAGE REQUESTS AT LEAST FIVE DAYS BEFORE DATE OF PROPOSED OUTAGE. STATE IN THE REQUEST HOURS OF OUTAGE. CONFIRM DATE 48 HOURS IN ADVANCE OF STARTING DATE.
27. ASSIGN THE WORK OF MOVING, REMOVAL, CUTTING, PATCHING AND REPAIR TO TRADES UNDER CONTRACTOR SUPERVISION TO CAUSE THE LEAST DAMAGE TO EACH TYPE OF WORK ENCOUNTERED.
28. PATCHING OF FINISH MATERIALS TO MECHANICS SKILLED IN THE WORK OF THE FINISH TRADE INVOLVED.
29. PROTECT REMAINING FINISHES, EQUIPMENT AND ADJACENT WORK FROM DAMAGE CAUSED BY CUTTING, MOVING AND REMOVAL AND PATCHING OPERATIONS. PROTECT SURFACES WHICH WILL REMAIN A PART OF THE FINISHED WORK.
30. PROTECT EXISTING AND NEW WORK FROM WEATHER DURING CUTTING, MOVING, REMOVAL CONSTR. PROVIDE WEATHER PROTECTION AND OTHER FACILITIES AND PROTECTION AS NEEDED TO PREVENT DAMAGE TO NEW WORK AND TO REMAINING OLD WORK.
31. PROVIDE ADEQUATE SUPPORT OR SUBSTRATE FOR PATCHING FINISHES.
32. USE OF HAZARDOUS MATERIALS SHALL CONFORM WITH 29 CFR 1910.120 AND 1926.65 OF THE OSHA CODE.
33. REMOVAL OF HAZARDOUS WASTE SHALL COMPLY WITH CURRENT FEDERAL, STATE AND LOCAL REGULATIONS, STANDARDS, LAWS AND REQUIREMENTS.
34. THE WET SIDE FIRE PROTECTION CONTRACTOR SHALL PROVIDE TO THE ARCHITECT, THROUGH THE NORMAL SUBMITTAL PROCESS, SPRINKLER PLANS SHOWING PIPING PLANS, POINTS OF CONNECTIONS, HEAD LOCATIONS, VALVE LOCATIONS, CALCULATIONS, AND HEAD TYPES AND FINISHES PRIOR TO SUBMISSION TO THE FIRE DEPARTMENT FOR THE ARCHITECT'S REVIEW AND APPROVAL. DO NOT SUBMIT DRAWINGS TO ANY JURISDICTION PRIOR TO GAINING THIS REVIEW AND APPROVAL.
35. THE ELECTRONIC FIRE PROTECTION CONTRACTOR SHALL PROVIDE TO THE ARCHITECT, THROUGH NORMAL SUBMITTAL PROCESS, PLANS SHOWING THE SIZE, LOCATION, MOUNTING HEIGHTS, AND FINISH OF ALL STROBES, SPEAKERS, AND SPEAKER STROBES AS WELL AS SHOWING ALL CONDUIT RUNS, CONDUIT SIZES, AND POINTS OF CONNECTION FOR ARCHITECT'S REVIEW AND APPROVAL. DO NOT SUBMIT DRAWINGS TO ANY JURISDICTION PRIOR TO GAINING THIS REVIEW AND APPROVAL.

SEH

Project Owner

CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY
705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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SEH Project	PDCAR 177629
Checked By	Checked By
Drawn By	Drawn By

Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

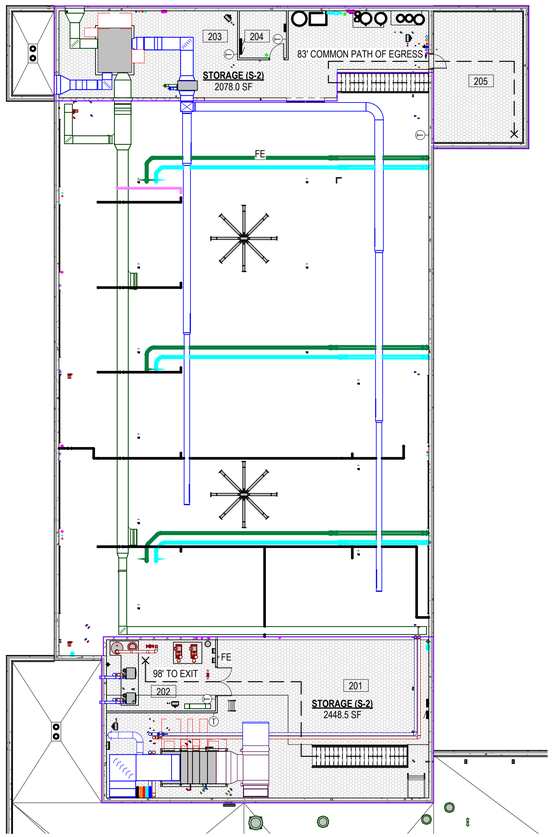
REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

GENERAL INFORMATION AND ABBREVIATIONS

A001

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/5/2026 8:33:25 AM



2 A002 MEZZANINE LEVEL
1/16" = 1'-0"



1 A002 FIRST LEVEL
1/16" = 1'-0"

BUILDING AREA LEGEND

- ASSEMBLY (A-3)
- BUSINESS (B)
- STORAGE (S-2)

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OCCUPANCY CAPACITY SCHEDULE

ROOM NO.	ROOM NAME	ROOM AREA	FUNCTION OF SPACE	OCCUPANCY FACTOR	CODE CAPACITY
101	LOBBY	374.5 SF	ASSEMBLY	15.0 SF	25
102	TOILET	69.3 SF	BUSINESS	100.0 SF	1
103	TOILET	64.9 SF	BUSINESS	100.0 SF	1
104	TRAINING	1289.2 SF	ASSEMBLY	15.0 SF	86
105	KITCHEN	475.3 SF	KITCHEN	200.0 SF	3
106	CORRIDOR	328.4 SF	BUSINESS	100.0 SF	4
107	RECEPTION	101.7 SF	BUSINESS	100.0 SF	2
108	PUB. ED.	202.7 SF	STORAGE	300.0 SF	1
109	CORRIDOR	156.3 SF	BUSINESS	100.0 SF	2
110	DINING	258.6 SF	ASSEMBLY	15.0 SF	18
111	DAYROOM	454.8 SF	ASSEMBLY	15.0 SF	31
112	JANITOR	143.3 SF	BUSINESS	100.0 SF	2
113	CORRIDOR	221.7 SF	BUSINESS	100.0 SF	3
114	CORRIDOR	291.6 SF	BUSINESS	100.0 SF	3
115	TOILET	107.0 SF	BUSINESS	100.0 SF	2
116	EXERCISE	675.3 SF	EXERCISE	50.0 SF	14
117	LOCKER	338.5 SF	LOCKER ROOM	50.0 SF	7
118	TOILET	120.4 SF	BUSINESS	100.0 SF	2
119	TOILET	120.4 SF	BUSINESS	100.0 SF	2
120	STORAGE	258.4 SF	BUSINESS	100.0 SF	3
121	CORRIDOR	216.2 SF	BUSINESS	100.0 SF	3
122	CONFERENCE	217.1 SF	ASSEMBLY	15.0 SF	15
123	LINE OFFICER	214.1 SF	BUSINESS	100.0 SF	3
124	FD CHIEF	152.9 SF	BUSINESS	100.0 SF	2
125	INSPECTOR	127.9 SF	BUSINESS	100.0 SF	2
126	ALARM	201.1 SF	BUSINESS	100.0 SF	3
127	APPARATUS BAYS	9145.8 SF	PARKING	200.0 SF	46
128	SHOP	207.5 SF	ACCESSORY	300.0 SF	1
129	SCBA	190.0 SF	ACCESSORY	300.0 SF	1
130	CORRIDOR	114.5 SF	CIRCULATION	0.0 SF	0
131	DECON LOCKER	140.7 SF	LOCKER ROOM	50.0 SF	3
132	DECON	112.6 SF	SANITARY	0.0 SF	0
133	DECON	110.2 SF	SANITARY	0.0 SF	0
134	TURNOUT GEAR	422.6 SF	LOCKER ROOM	50.0 SF	9
135	LAUNDRY	265.6 SF	ACCESSORY	300.0 SF	1
136	HOSE	575.0 SF	ACCESSORY	300.0 SF	2
137	VESTIBULE	83.3 SF	BUSINESS	100.0 SF	1
138	LOCKER	458.9 SF	LOCKER ROOM	50.0 SF	10
139	TOILET	101.6 SF	BUSINESS	100.0 SF	2
140	TOILET	104.0 SF	BUSINESS	100.0 SF	2
141	TOILET	103.6 SF	BUSINESS	100.0 SF	2
142	CORRIDOR	396.8 SF	BUSINESS	100.0 SF	4
143	GEAR	110.3 SF	BUSINESS	100.0 SF	2
144	PD GARAGE	6626.3 SF	PARKING	200.0 SF	34
145	ARRESTEE	211.0 SF	BUSINESS	100.0 SF	3
146	HARD	128.0 SF	BUSINESS	100.0 SF	2
147	EVIDENCE PROCESSING	176.0 SF	BUSINESS	100.0 SF	2
148	EVIDENCE STORAGE	493.6 SF	BUSINESS	100.0 SF	5
149	K9	157.1 SF	ACCESSORY	300.0 SF	1
150	EVIDENCE STORAGE	325.8 SF	STORAGE	300.0 SF	2
151	ARMORY	219.3 SF	BUSINESS	100.0 SF	3
152	OFFICERS	1105.0 SF	BUSINESS	100.0 SF	12
153	CONFERENCE	293.8 SF	ASSEMBLY	15.0 SF	20
154	REPORT	117.3 SF	BUSINESS	100.0 SF	2
155	CORRIDOR	240.9 SF	BUSINESS	100.0 SF	3
156	CHIEF CONF.	123.5 SF	ASSEMBLY	15.0 SF	9
157	CHIEF	173.2 SF	BUSINESS	100.0 SF	2
158	LIEUTENANT	153.6 SF	BUSINESS	100.0 SF	2
159	LIEUTENANT	153.6 SF	BUSINESS	100.0 SF	2
160	CLOSET	26.8 SF	BUSINESS	100.0 SF	1
161	CORRIDOR	338.0 SF	BUSINESS	100.0 SF	4
162	CLOSET	26.8 SF	BUSINESS	100.0 SF	1
163	LIEUTENANT	152.8 SF	BUSINESS	100.0 SF	2
164	SRO/FTO	146.7 SF	BUSINESS	100.0 SF	2
165	DETECTIVE	153.6 SF	BUSINESS	100.0 SF	2
166	NMR	65.6 SF	BUSINESS	100.0 SF	1
167	FAMILY	136.3 SF	BUSINESS	100.0 SF	2
168	MIRANDA	136.8 SF	BUSINESS	100.0 SF	2
169	IT	148.5 SF	BUSINESS	100.0 SF	2
170	COPY	185.6 SF	BUSINESS	100.0 SF	2
171	BREAK	211.6 SF	BUSINESS	100.0 SF	3
172	RECORDS	217.9 SF	BUSINESS	100.0 SF	3
173	TRAINING STORAGE	258.1 SF	BUSINESS	100.0 SF	3
174	SUPPLY	162.6 SF	BUSINESS	100.0 SF	2
201	MEZZANINE	1990.7 SF	MECHANICAL	300.0 SF	7
202	BOILER	367.1 SF	MECHANICAL	300.0 SF	2
203	MEZZANINE	1286.7 SF	MECHANICAL	300.0 SF	5
204	IT	109.7 SF	BUSINESS	100.0 SF	2
205	TRAINING ROOF	580.0 SF	ACCESSORY	300.0 SF	2
		37224.4 SF			480

MINIMUM PLUMBING CALCULATIONS

ASSEMBLY	OCCUPANT LOAD = 199	REQ. FIXTURES
WATER CLOSETS	1 PER 125 MALE, 1 PER 65 FEMALE	3
LAVATORIES	1 PER 200	1
DRINKING FOUNTAINS	1 PER 500	1
SERVICE SINKS	1 REQUIRED	1
BUSINESS	OCCUPANT LOAD = 163	REQ. FIXTURES
WATER CLOSETS	1 PER 25 FOR FIRST 50, 1 PER 50 THEREON	5
LAVATORIES	1 PER 40 FOR FIRST 80, 1 PER 80 THEREON	4
DRINKING FOUNTAINS	1 PER 100	2
SERVICE SINKS	1 REQUIRED	1
STORAGE	OCCUPANT LOAD = 118	REQ. FIXTURES
WATER CLOSETS	1 PER 100	2
LAVATORIES	1 PER 100	2
DRINKING FOUNTAINS	1 PER 1000	1
SERVICE SINKS	1 REQUIRED	1
TOTAL		REQ. FIXTURES
WATER CLOSETS		10
LAVATORIES		7
DRINKING FOUNTAINS		4
SERVICE SINKS		3

CODE LEGEND

- EGRESS PATH
- 1/2 HOUR FIRE PARTITION
- 1 HOUR FIRE BARRIER
- FE FIRE EXTINGUISHER

SEH

Project Owner

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Drawn By	Drawn By
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

CODE INFORMATION

A002

Code Review 2015 International Building Code (I.B.C.)
Project: Prairie du Chien Public Safety Facility

CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION

Occupancy Classification:
Type: A-3 (Training), B (Fire & Police Station Offices), S-2 (Apparatus Bays)
Nonseparated Uses between A-3, B, and S-2 (Use most restrictive)

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

Construction Type: Type IIB
Occupancy Type: Type A-3 (Most Restrictive) = 38,000 s.f.

SECTION 503 - GENERAL BUILDING HEIGHT AND AREA LIMITATIONS
503.1 General.
Unless otherwise specifically modified in Chapter 4 and this chapter, building height, number of stories and building area shall not exceed the limits specified in Section 504 and 506 based on the type of construction as determined by Section 602 and the occupancies as determined by Section 302 except as modified hereafter. Building height, number of stories and building area provisions shall be applied independently. Each portion of a building separated by one or more fire walls complying with Section 706 shall be considered to be a separate building.

503.1.2 Buildings on same lot.
Two or more buildings on the same lot shall be regulated as separate buildings or shall be considered as portions of one building where the building height, number of stories of each building and the aggregate building area of the buildings are within the limitations specified in Sections 504 and 506. The provisions of this code applicable to the aggregate building shall be applicable to each building.

SECTION 504 - BUILDING HEIGHT AND NUMBER OF STORIES
504.1 General.
The height, in feet, and the number of stories of a building shall be determined based on the type of construction, occupancy classification and whether there is an automatic sprinkler system installed throughout the building.

504.2 Mixed Occupancy.
In a building containing mixed occupancies in accordance with Section 508, no individual occupancy shall exceed the height and number of story limits specified in this section for the applicable occupancies.

504.3 Height in feet.
The maximum height, in feet, of a building shall not exceed the limits specified in Table 504.3.

504.4 Number of stories.
The maximum number of stories of a building shall not exceed the limits specified in Table 504.4.

SECTION 505 - MEZZANINES
505.2 Mezzanines.
A mezzanine or mezzanines in compliance with Section 505.2 shall be considered a portion of the story below. Such mezzanines shall not contribute to either the building area or number of stories as regulated by Section 503.1. The area of the mezzanine shall be included in determining the fire area. The clear height above and below the mezzanine floor construction shall be not less than 7 feet.

505.2.1 Area Limitation.
The aggregate area of a mezzanine or mezzanines within a room shall not be greater than one-third of the floor area of that room or space in which they are located. The enclosed portion of a room shall not be included in a determination of the floor area of the room in which the mezzanine is located. In determining the allowable mezzanine area, the area of the mezzanine shall not be included in the floor area of the room.

Where a room contains both a mezzanine and an equipment platform, the aggregate area of the two raised floor levels shall be not greater than two-thirds of the floor areea of that room or space in which they are located.

Exceptions:
2. The aggreate area of mezzanines in buildings and structures of Type I or II construction shall be not greater than one-half of the floor area of the room in buildings and structures equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.1 and an approved emergency voice / alarm communication system in accordance with Section 907.5.2.2.

505.2.2 Means of egress.
The means of egress for mezzanines shall comply with the applicable provisions of Chapter 10.

505.2.3 Openness.
A mezzanine shall be open and unobstructed to the room in which such mezzanine is located except for walls not more than 42 inches in height, columns and posts.

Exceptions:
1. Mezzanines or portions thereof are not required to be open to the room in which the mezzanines are located, provided that the occupant load of the aggregate area of the enclosed space is not greater than 10.

SECTION 506 - BUILDING AREA
506.1 General.
The floor area of a building shall be determined based on the type of construction, occupancy classificaion, whether there is an automatic sprinkler system installed throughout the buidling and the amount of building frontage on public way or open space.

506.1.3 Basements.
Basements need not be included in the total allowable floor area of a building provided the total area of such basements does not exceed the area permitted for a one-story above grade plane building.

506.2 Allowable area determination.
The allowable area of a building shall be determined in accordance with the applicable provisions of Sections 506.2.1 through 506.2.4 and Section 506.3.

506.2.2 Mixed-occupancy, one-story buildings.
The allowable area of a mixed-occupancy building with no more than one story above grade plane shall be determined in accordance with the applicable provisions of Section 508.1 based on Equation 5-1 for each applicable occupancy.

Equation 5-3
$A_a = [A_t + (NS \times I_f)]$
$A_a = [38,000 + (9,500 \times 0.6411)]$
$A_a = 44,090$
Actual Area = 32,420

506.3 Frontage increase.
Every building shall adjoin or have access to a public way to receive an area factor increase based on frontage. Area factor increase shall be determined in accordance with Sections 506.3.1 through 506.3.3.

506.3.1 Minimum percentage of perimeter.
To qualify for an area factor increase based on frontage, a building shall have not less than 25 percent of its perimeter on a public way or open space. Such open space shall be either on the same lot or dedicated for public use and shall be accessed from a street or approved fire lane.

506.3.2 Minimum frontage distance.
To qualify for an area factor increase based on frontage, the public way or open space adjacent to the building perimeter shall have a minimum distance (W) of 20 feet measured at right angles from the building face to any of the following:
1. The closest interior lot line.
2. The entire width of a street, alley or public way.
3. The exterior face of an adjacent building on the same property.

Where the value of W is greater than 30 feet, a value of 30 feet shall be used in calculating the building area increase based on frontage, regardless of the actual width of the public way or open space. Where the value of W varies along the perimeter of the building, the calculation performed in accordance with Equation 5-5 shall be based on the weighted average calculated in accordance with Equation 5-4.

506.3.3 Amount of increase.
The area factor increase based on frontage shall be determined in accordance with Equation 5-5:

Equation 5-5
$I_f = [F/P - 0.25]W/30$
$I_f = [900/1010 - 0.25]30/30$
$I_f = 0.6411$

SECTION 508 - MIXED USE AND OCCUPANCY
508.1 General.
Each portion of a building shall be individually classified in accordance with Section 302.1. Where a building contains more than one occupancy group, the building or portion thereof shall comply with the applicable provisions of Section 508.2, 508.3 or 508.4, or a combination of these sections

508.3 Nonseparated occupancies.
Buildings or portions of buildings that comply with the provisions of this section shall be considered as nonseparated occupancies.

508.3.1 Occupancy classification.
Nonseparated occupancies shall be individually classified in accordance with Section 302.1. The requirements of this code shall apply to each portion of the building based on the occupancy classification of that space. In addition, the most restrictive provisions of Chapter 9 that apply to the nonseparated occupancies shall apply to the total nonseparated occupancy area. Where nonseparated occupancies occur in a high-rise building, the most restrictive requirements of Section 403 that apply to the nonseparated occupancies shall apply throughout the high-rise building.

508.3.2 Allowable building area and height.
The allowable building area and height of the building or portion thereof shall be based on the most restrictive allowances for the occupancy groups under consideration for the type of construction of the building in accordance with Section 503.1

508.3.3 Separation.
No separation is required between nonseparated occupancies.

CHAPTER 6 - TYPES OF CONSTRUCTION

Type IIB Sprinklered:
Fire-resistance rating requirements for building elements (hours)
Primary structural frame: 0 hours
Bearing walls
Exterior: 0 hours
Interior: 0 hours
Nonbearing walls and partitions
Exterior: 0 hours
Interior: 0 hours
Floor construction and secondary members: 0 hours
Roof construction and secondary members: 0 hours

CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES

SECTION 708 - FIRE PARTITIONS
708.1 General.
The following wall assemblies shall comply with this section.
1. Separation walls as required by Section 420.2 for Groups I-1, R-1, R-2, and R-3.

708.2 Materials.
The walls shall be of materials permitted by the building type of construction.

708.3 Fire-resistance rating.
Fire partitions shall have a fire-resistance rating of not less than 1 hour.

Exceptions:
2. Dwelling unit and sleeping unit separations in buildings of Type IIB, IIIB and VB construction shall have fire-resistance ratings of not less than 1/2 hour in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.

CHAPTER 8 - INTERIOR FINISHES

TABLE 803.11 - INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY
Exit enclosures and exit passageways: Class B
Corridors: Class B
Rooms and enclosed spaces: Class C

CHAPTER 9 - FIRE PROTECTION SYSTEMS

SECTION 903 - AUTOMATIC SPRINKLER SYSTEMS
903.2 Where required.
Approved automatic sprinkler systems in new buildings and structures shall be provided in the locations described in Section 903.2.1 through 903.2.12.

903.2.10.1 Commercial parking garages.
An automatic sprinkler system shall be provided throughout buildings used for storage of commercial motor vehicles where the fire area exceeds 5,000 square feet.

903.2.11.1 Stories without openings.
An automatic sprinkler system shall be installed throughout all stories, including basements, of all buildings where the floor area exceeds 1,500 square feet and where there is not provided not fewer than one of the following types of exterior wall openings:
1. Openings below grade that lead directly to ground level by an exterior stairway complying with Section 1011 or an outside ramp complying with Section 1012. Openings shall be located in each 50 linear feet, or fraction thereof, of exterior wall in the story on at least one side. The required openings shall be distributed such that the lineal distance between adjacent openings does not exceed 50 feet.
2. Openings entirely above the adjoining ground level totaling not less than 20 square feet in each 50 linear feet, or fraction thereof, of exterior wall in the story on at least one side. The required openings shall be distributed such that the lineal distance between adjacent openings does not exceed 50 feet. The height of the bottom of the clear opening shall not exceed 44 inches measured from the floor.

SECTION 906 - PORTABLE FIRE EXTINGUISHERS
906.1 Where required.
Portable fire extinguishers shall be installed in all of the following locations.
1. In Group A, B, E, F, H, I, M, R-1, R-2, R-4 and S occupancies.

SECTION 907 - FIRE ALARM AND DETECTION SYSTEMS
907.5 Occupant notification systems.
A fire alarm system shall annunciate at the fire alarm control unit and shall initiate occupant notification upon activation, in accordance with Sections 907.5.1 through 907.5.2.3.3. Where a fire alarm system is required by another section of this code, it shall be activated by:
1. Automatic fire detectors.
2. Automatic sprinkler system waterflow devices.
3. Manual fire alarm boxes.
4. Automatic fire-extinguishing systems.

Exception:
Where notification systems are allowed elsewhere in Section 907 to annunciate at a constantly attended location.

SECTION 912 - FIRE DEPARTMENT CONNECTIONS
912.1 Installation.
Fire department connections shall be installed in accordance with the NFPA standard applicable to the system design and shall comply with sections 912.2 through 912.6.

CHAPTER 10 - MEANS OF EGRESS

SECTION 1005 - MEANS OF EGRESS SIZING
1005.3 Required capacity based on occupant load.
The required capacity, in inches, of the means of egress for any room, area, space or story shall be not less than determined in accordance with Sections 1005.3.1 and 1005.3.2:

1005.3.1 Stairways.
The capacity, in inches, of means of egress stairways shall be calculated by multiplying the occupant load served by such stairways by a means of egress capacity factor of 0.3 inch per occupant. Where stairways serve more than one story, only the occupant load of each story considered individually shall be used in calculating the required capacity of the stairways serving that story.

1005.3.2 Other egress components.
The capacity, in inches, of means of egress components other than stairways shall be calculated by multiplying the occupant load served by such component by a means of egress capacity factor of 0.2 inch per occupant.

First Level
Occupant Load: 480
Egress Width: 96"
Mezzanine (North)
Occupant Load: 9
Egress Width: 3"
Mezzanine (South)
Occupant Load: 9
Egress Width: 3"

SECTION 1006 - NUMBER OF EXITS AND EXIT ACCESS DOORWAYS
1006.2 Egress from Spaces.
Rooms, areas or spaces, including mezzanines, within a story or basement shall be provided with the number of exits or access to exits in accordance with this section.

1006.2.1 Egress based on occupant load and common path of egress travel distance.
Two exits or exit access doorways from any space shall be provided where the design occupant load or the common path of egress travel distance exceeds the values listed in Table 1006.2.1.

TABLE 1006.2.1
SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY

OCCUPANCY	MAXIMUM OCCUPANT LOAD OF SPACE	MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE (feet)		
		Without Sprinkler System (feet)		With Sprinkler System (feet)
		Occupant Load		
		OL ≤ 30	OL > 30	
A², E, M	49	75	75	75[a]
B	49	100	75	100[a]
F	49	75	75	100[a]
H-1, H-2, H-3	3	NP	NP	25[b]
H-4, H-5	10	NP	NP	75[a]
I-1, I-2[c], I-4	10	NP	NP	75[a]
I-3	10	NP	NP	100[a]
R-1	10	NP	NP	75[a]
R-2	10	NP	NP	125[a]
R-3[e]	10	NP	NP	125[a]
R-4[e]	10	75	75	125[a]
S²	29	100	75	100[a]
U	49	100	75	75[a]

SECTION 1009 - ACCESSIBLE MEANS OF EGRESS
1009.3 Stairways.
In order to be considered part of an accessible means of egress, a stairway between stories shall have a clear width of 48 inches minimum between the handrails and shall either incorporate an area of refuge within an enlarged floor-level landing or shall be accessed from an area of refuge complying with Section 1009.6. Exit access stairways that connect levels in the same story are not permitted as part of an accessible means of egress.

Exceptions:
2. The clear width of 48 inches between handrails is not required in buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2.

3. Areas of refuge are not required at exit stairways in buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2.

SECTION 1011 - STAIRWAYS
1011.2 Width and capacity.
The required capacity of stairways shall be determined as specified in Section 1005.1, but the minimum width shall not be less than 44 inches. See Section 1009.3 for accessible means of egress stairways.

Exceptions:
1. Stairways serving an occupant load of less than 50 shall have a width of not less than 36 inches.

SECTION 1017 - EXIT ACCESS TRAVEL DISTANCE
1017.2 Limitations.
Exit acces travel distance shall not exceed the values given in Table 1017.2.

TABLE 1017.2
EXIT ACCESS TRAVEL DISTANCE[a]

OCCUPANCY	WITHOUT SPRINKLER SYSTEM (feet)	WITH SPRINKLER SYSTEM (feet)
A, E, F-1, M, R, S-1	200	250[b]
I-1	Not Permitted	250[b]
I-3	200	300[b]
F-2, S-2, U	300	400[b]
H-1	Not Permitted	75[b]
H-2	Not Permitted	100[b]
H-3	Not Permitted	150[b]
H-4	Not Permitted	175[b]
H-5	Not Permitted	200[b]
I-2, I-3, I-4	Not Permitted	200[b]

SECTION 1020 - CORRIDORS
1018.1 Construction.
Corridors shall be fire-resistance rated in accordance with Table 1020.1. The corridor walls required to be fire-resistance rated shall comply with Section 708 for fire partitions.

TABLE 1020.1
CORRIDOR FIRE-RESISTANCE RATING

OCCUPANCY	OCCUPANT LOAD SERVED BY CORRIDOR	REQUIRED FIRE-RESISTANCE RATING (hours)	
		Without sprinkler system	With sprinkler system[a]
H-1, H-2, H-3	All	Not Permitted	1
H-4, H-5	Greater than 30	Not Permitted	1
A, B, E, F, M, S, U	Greater than 30	1	0
R	Greater than 10	Not Permitted	0.5
I-2[b, c, e]	All	Not Permitted	0
I-1, I-3	All	Not Permitted	1[d]

1020.2 Width and capacity.
The required capacity of corridors shall be determined as specified in Section 1005.1, but the minimum width shall be not less than that specified in Table 1020.2.

TABLE 1020.2
MINIMUM CORRIDOR WIDTH

OCCUPANCY	MINIMUM WIDTH (inches)
Any facilities not listed below	44
Access to and utilization of mechanical, plumbing or electrical systems or equipment	24
With an occupant load of less than 50	36
Within a dwelling unit	36
In Group E with a corridor having an occupant load of 100 or more	72
In corridors and areas serving stretcher traffic in occupancies where patients receive outpatient medical care that causes the patient to be incapable of self-preservation	72
Group I-2 in areas where required for bed movement	96

1020.4 Dead ends.
Where more than one exit or exit access doorway is required, the exit access shall be arranged such that there are no dead ends in corridors more than 20 feet in length.

Exceptions:
2. In occupancies in Groups B, E, F, I-1, M, R-1, R-2, R-4, S and U, where the building is equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1, the length of the dead-end corridors shall not exceed 50 feet.

SECTION 1023 - INTERIOR EXIT STAIRWAYS AND RAMPS
1023.1 Enclosures required.
Interior exit stairways and ramps serving as an exit component in a means of egress system shall comply with the requirements of this section. Interior exit stairways and ramps shall be enclosed and lead directly to the exterior of the building or shall be extended to the exterior of the building with an exit passageway conforming to the requirements of Section 1024, except as permitted in Section 1028.1. An interior exit stairway or ramp shall not be used for any purpose other than as a means of egress and a circulation path.

CHAPTER 11 - ACCESSIBILTY

SECTION 1104 - ACCESSIBLE ROUTE
1104.1 Site arrival points.
At least one accessible route within the site shall be provided from public transportation stops, accessible parking, accessible passenger loading zones, and public streets or sidewalks to the accessible buildilng entrance served.

Exception:
Other than in buildings or facilities containing or serving Type B units, an accessible route shall not be required between site arrival points and the building or facility entrance if the only means of access between them is a vehicular way not providing for pedestrian access.

1104.2 Within a site.
At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements and accessible spaces that are on the same site.

Exception:
1. An accessible route is not required between accessible buildings, accessible facilities, accessible elements and accessible spaces that have, as the only means of access between them, a vehicular way not providing for pedestrian access.

1104.3 Connected spaces.
When a building or portion of a building is required to be accessible, at leaset one accessible route shall be provided to each portion of the building, to accessible building entrances connecting accessible pedestrian walkways and the public way.

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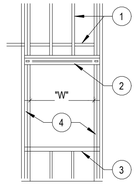
REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

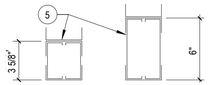
CODE REVIEW

A003

1. STUD FRMG. PER WALL TYPES
2. LINTEL AS SCHEDULED - EXTEND VERT. TRACK WEBS OVER JAMB STUDS & FASTEN W/MIN 3 SCREWS EA. STUD @ 3-5/8" LINTEL / SILL & MIN. 5 SCREWS EA. STUD @ 6" LINTEL
3. SILL TRACK TO MATCH STUD GA.
4. 20 GA. JAMB STUDS
5. 2 HORIZ. TRACK SCREWED TO (2) 20 GA. VERTICAL STUDS @ MAX. 6" O.C. BOTH STUDS BOTH SIDES PROVIDE CONT. 20 GA. TRACK AT TOP OF ALL LINTELS



ELEVATION



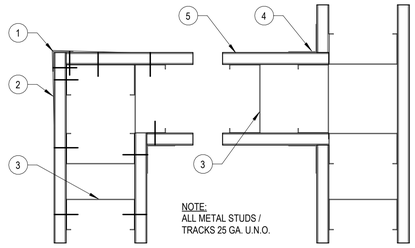
DETAIL "A" DETAIL "B"

LINTEL SCHEDULE		
MARK WIDTH "W"	LINTEL	JAMB (EA. SIDE)
UP TO 3'-4"	SINGLE 20 GA. TRACK PER 1/A4.1	2 FULL HEIGHT STUDS
OVER 3'-4" TO 9'-0"	DETAIL "A" OR MFR.RECOMM.	2 FULL HEIGHT STUDS
OVER 9'-0" TO 13'-0"	DETAIL "B" OR MFR.RECOMM.	3 FULL HEIGHT STUDS
OVER 13'-0"	FRAME PER INDIVIDUAL DETAIL ON STRUCT. AND/OR ARCH DWGS.	

NON-BEARING PARTITIONS

6 A011 OPENING IN PARTITION DETAIL

1" = 1'-0"



CORNER INTERSECTION

1. METAL CORNER BEAD - FORM TIGHT 90 DG. CORNER AND SCREW TO STUD
2. 3 COAT JOINT COMPOUND COVER BEAD AND FEATHER FOR SMOOTH FINISH
3. TYP. METAL STUD AND DRYWALL SCREWS
4. JOINT TAPE, TYP.
5. GWB AS NOTED

1. DOUBLE STUDS AT PARTITION ENDS, CORNERS, INTERSECTIONS AND OPENINGS
2. 20 GA. DOUBLE JAMB STUDS TYP. @ DOOR OPENINGS
3. STUDS AT 48" O.C. BRACED TO STRUCTURE ABOVE:

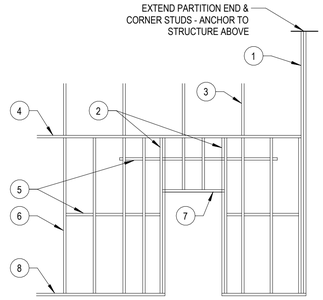
   ALTERNATE STUDS - CUT, BEND & RIVET

   
   60 DG. MAX. 30 DG. MIN. (REF STRUCT)
4. 25 GA. CONT. CEILING TRACK MATCH STUD GA.
5. 3/4"x16 GA. C.R. STL. CHAN. @ 6'-0" AFF CONTINUOUS & 8'-0" AFF ABOVE OPENINGS - EXTEND & TIE MIN. 2 STUDS BEYOND OPENING STUDS AT 16" O.C. TYP.
6. STUDS AT 16" O.C. TYP.
7. 20 GA. RUNNER TRACK FASTENED TO JAMB STUDS
8. CONT. 25 GA. FLOOR TRACK EXCEPT TO MATCH STUD GAUGE

NOTE :
INSTALL 20 GA. DBL. STUDS AT WALL MOUNTED PLBG. & ELECT. FIXTURES, COUNTERS, TOILET PARTITIONS AND OTHER SIMILAR EQUIP. LOCATIONS.

5 A011 METAL STUD FRAMING DETAIL

1" = 1'-0"

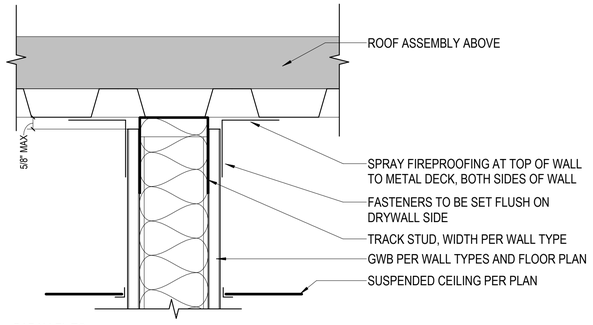


ELEVATION

ALL METAL STUDS/TRACKS 25 GA. U.N.O.

4 A011 GWB PARTITION DETAILS

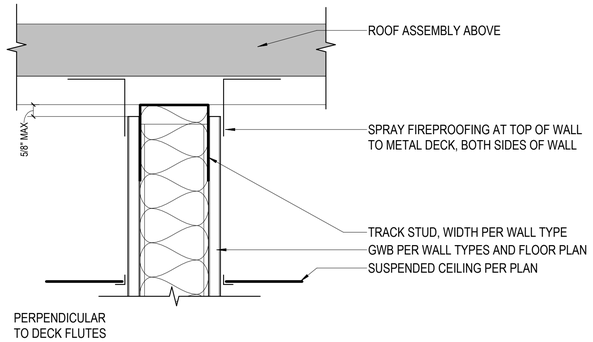
3" = 1'-0"



PARALLEL TO DECK FLUTES

2 A011 1 HR HEAD OF WALL UL HW-D-0001

3" = 1'-0"



PERPENDICULAR TO DECK FLUTES

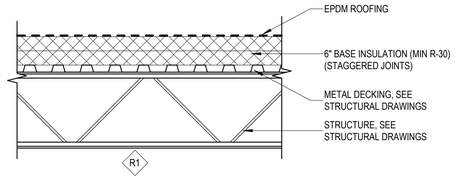
3 A011 1 HR HEAD OF WALL UL HW-D-0001 PERPENDICULAR

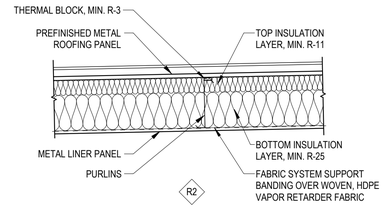
3" = 1'-0"

1 A011 ROOF ASSEMBLIES

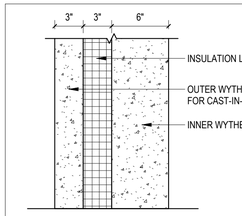
3/4" = 1'-0"

INSULATION IS TO BE PITCHED TO DRAIN TO ROOF DRAINS AT 1/4" : 12" MINIMUM
ROOF ASSEMBLY TO BE LISTED UL 120 (TGKX.120) CLASSIFIED ASSEMBLY

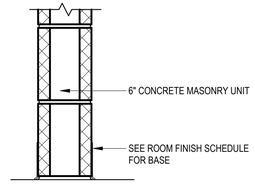




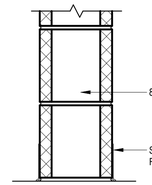
PRE-ENGINEERED METAL ROOF SYSTEM,
U-FACTOR 0.031
BASIS OF DESIGN FOR INSULATION SYSTEM: BAY INSULATION SYSTEMS, SKYLINER ASSEMBLY



3A INSULATED PRECAST CONCRETE WALL PANEL

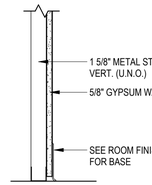


4B MASONRY - SINGLE WYTHE

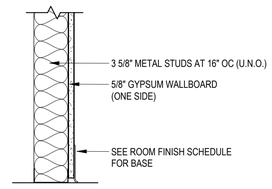


2 HOUR : UL-U905

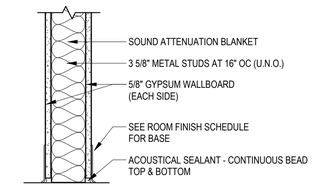
4C MASONRY - SINGLE WYTHE



9B METAL STUD - GYPSUM

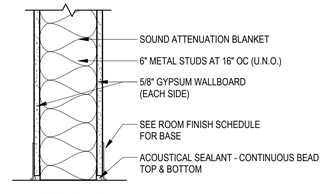


9C METAL STUD - GYPSUM



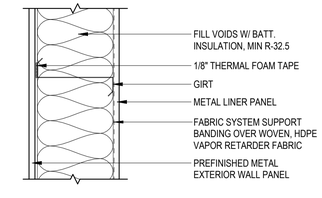
1 HOUR : UL-U419

9F METAL STUD - GYPSUM



1 HOUR : UL-U465

9J METAL STUD - GYPSUM



13A PRE-ENGINEERED METAL WALL SYSTEM, U-FACTOR 0.044

NOTE: OUTSIDE CORNERS OF CMU WALLS ARE TO HAVE BULLNOSE CORNER FINISH
EXTEND WALLS FROM FLOOR TO UNDERSIDE OF ROOF DECK / PRECAST PLANK, TYP. (U.N.O)
ONLY WALLS INDICATED WITH FIRE RESISTANCE RATING ON CODE PLAN SHEET ARE REQUIRED TO BE RATED

8 A011 PARTITION TYPES

1 1/2" = 1'-0"

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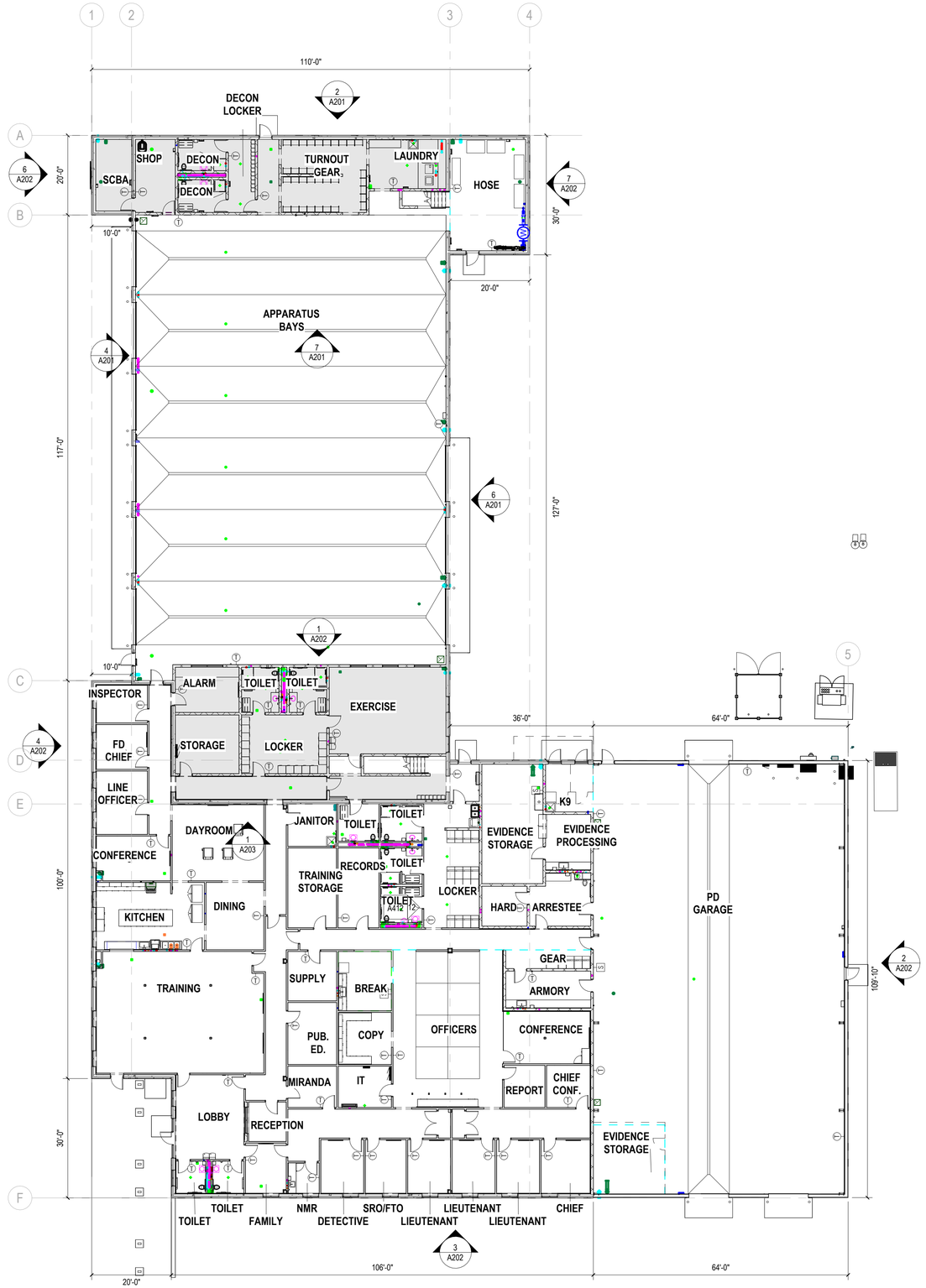
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PARTITION TYPES AND CONSTRUCTION ASSEMBLIES

A011



1 A101 OVERALL FLOOR PLAN

1/16" = 1'-0"

0 8' 16' 32'

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PROJECT NORTH

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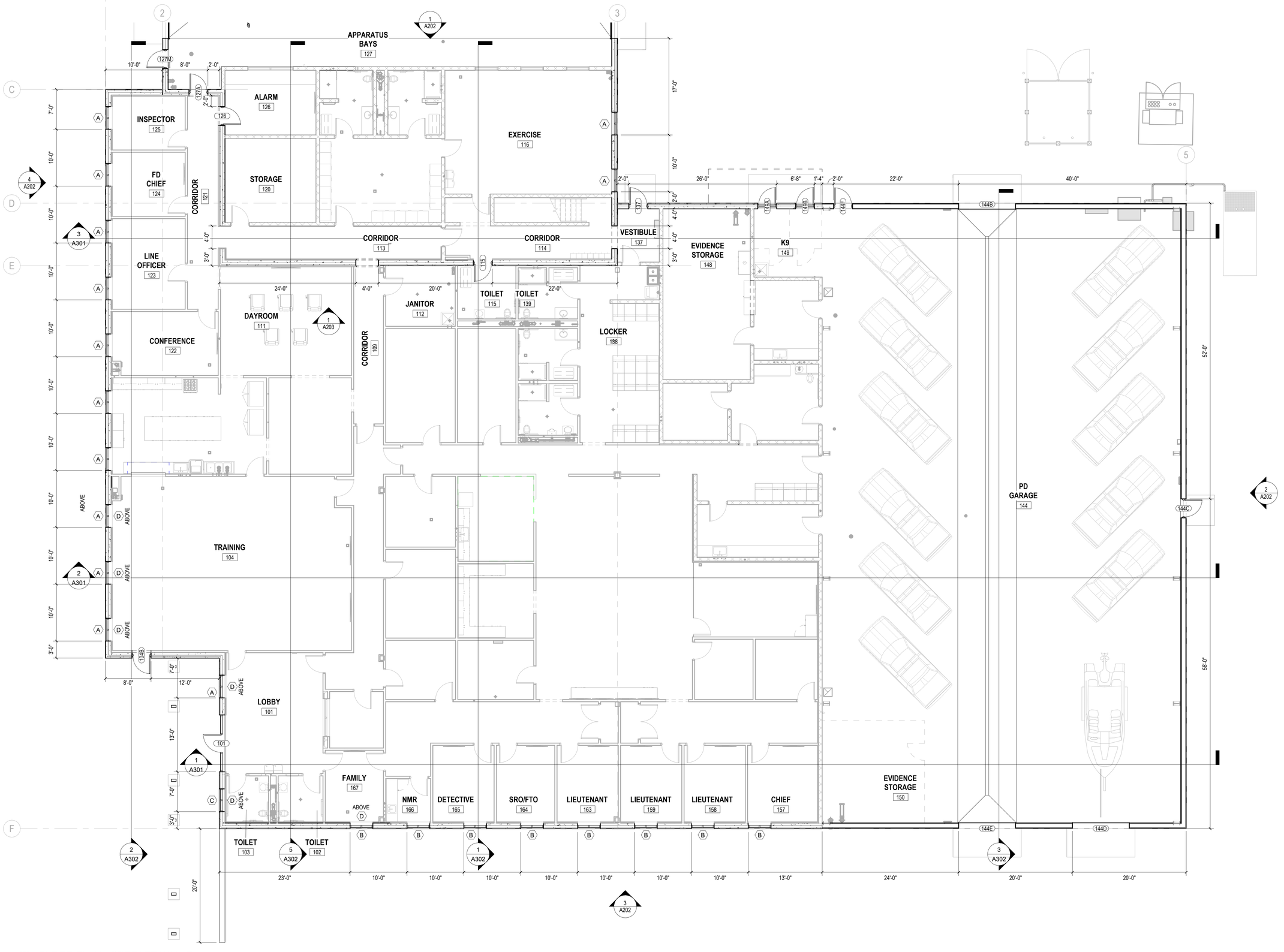
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OVERALL FLOOR PLAN - LEVEL 1

A101



1 A111 FLOOR PLAN - PRECAST WALLS

1/8" = 1'-0"

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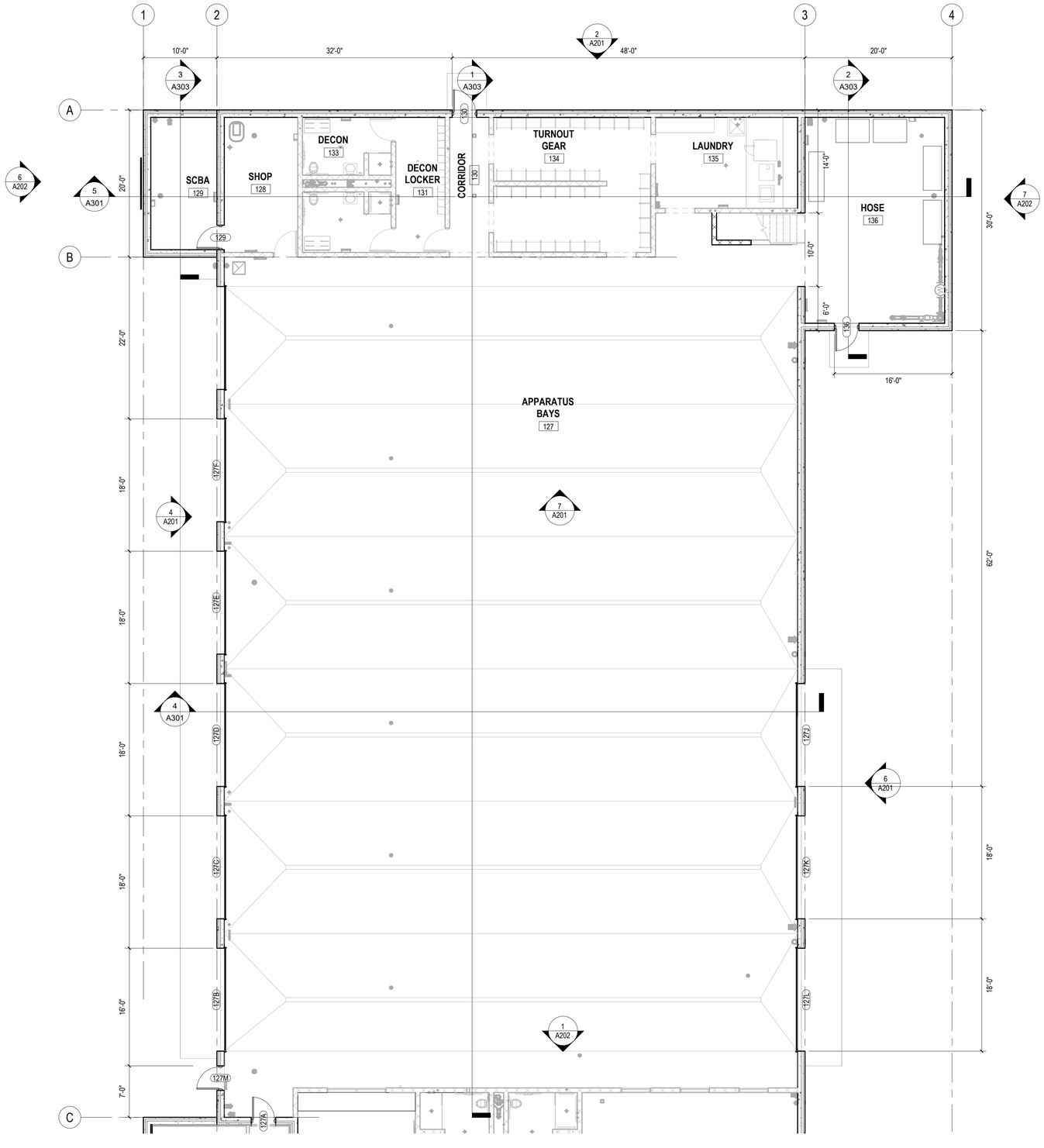
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REV. #	DESCRIPTION	DATE

FLOOR PLAN - FIRST LEVEL
- PRECAST WALLS

A111



1 A112 FLOOR PLAN - PRECAST WALLS
1/8" = 1'-0"

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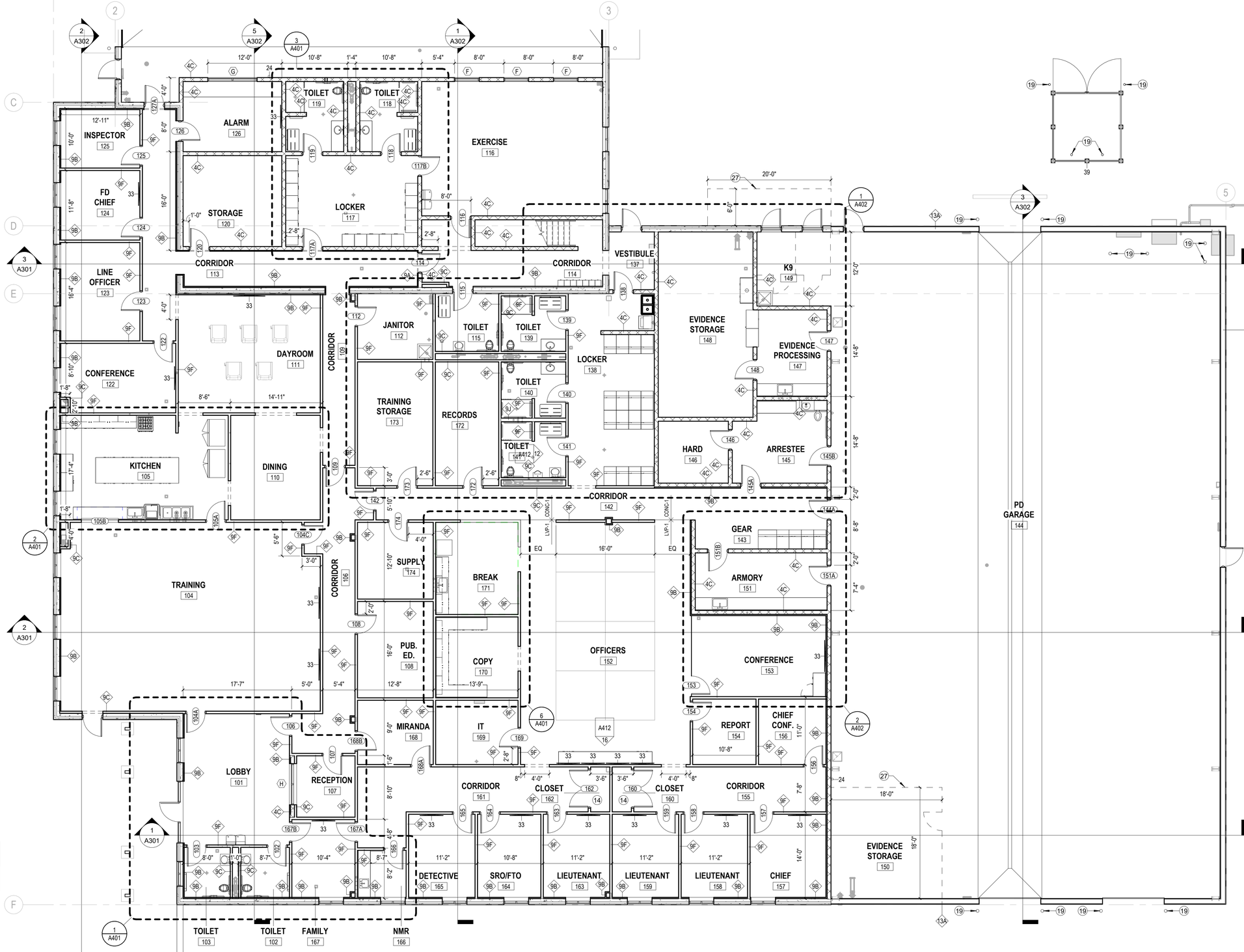
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REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

FLOOR PLAN - FIRST LEVEL
- PRECAST WALLS

A112



1 FLOOR PLAN
A113 1/8" = 1'-0"

PROJECT NORTH

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SPECIALTIES SCHEDULE	
KEYNOTE	SPECIALTIES DESCRIPTION
1	TURNOUT GEAR LOCKER
2	18" GRAB BAR (VERTICAL)
3	24" GRAB BAR (HORIZONTAL)
4	36" GRAB BAR (HORIZONTAL)
5	42" GRAB BAR (HORIZONTAL)
6	TWO-WALL GRAB BAR (HORIZONTAL)
7	TOILET TISSUE DISPENSER (O.F. / C.I.)
8	ADA BENCH (FREE STANDING)
9	PAPER TOWEL DISPENSER (O.F. / C.I.)
10	MIRROR
11	WALL MOUNTED SOAP DISPENSER (O.F. / C.I.)
12	FOLDING SHOWER SEAT (CONFIRM MOUNTING PRIOR TO INSTALLATION)
13	ROBE HOOK
14	SHOWER CURTAIN AND ROD
15	CORRIDOR & DECON LOCKER (12" WIDE)
16	METAL LOCKER ROOM LOCKER (24" WIDE)
17	REFRIGERATOR (N.I.C.)
18	FREEZER (N.I.C.)
19	UNDERCOUNTER REFRIGERATOR (N.I.C.)
20	FUME HOOD - MOTT 7224040-S2 OR APPROVED EQUAL
21	DISHWASHER (N.I.C.)
22	GAS RANGE (O.F. / C.I.)
24	WALL MOUNTED FIRE EXTINGUISHER, VERIFY LOCATION W/ OWNER
25	FIRE EXTINGUISHER CABINET, VERIFY LOCATION W/ OWNER
26	RESIDENTIAL WASHER (N.I.C.)
27	COMMERCIAL EXTRACTOR (N.I.C.)
28	COMMERCIAL DRYER (N.I.C.)
29	42" DETENTION GRAB BAR (HORIZONTAL)
30	STACKED WASHER & DRYER (N.I.C.)
31	MOP & BROOM HOLDER
32	SHELF
33	MONITOR (N.I.C.) - CONTRACTOR TO PROVIDE BACKING, VERIFY HEIGHT W/ OWNER
34	DIAPER-CHANGING STATION
35	TOILETRIES SHELF
36	METAL DUTY WEAR LOCKER (24" WIDE)
37	METAL SQUAD BAG LOCKER (24" WIDE)
38	METAL WEAPONS LOCKER (36" WIDE)
39	DUMPSTER ENCLOSURE

CONSTRUCTION KEYNOTE LEGEND	
1	CONCRETE FILLED METAL PAN STAIR
2	STEEL PIPE HANDRAIL, MOUNTED TO WALL
3	STEEL PIPE HANDRAIL, MOUNTED TO GUARDRAIL
4	LOCKER CORNER CONDITIONS TO HAVE FILLER CAP, TYP.
5	TILE SHOWER, SEE 9 / A506 FOR THRESHOLD DETAIL
6	SOLID SURFACE COUNTERTOP W/ 4 GROMMETS, VERIFY GROMMET LOCATIONS W/ OWNER
7	PROVIDE BLOCKING IN THIS WALL, 4 STUD CAVITIES W/ (2) 8" TALL BLOCKS EACH. VERIFY LOCATIONS W/ OWNER
8	RADIANT IN-FLOOR HEAT MANIFOLD COVER, SEE 7 / A503
9	FILL CMU CORES W/ SAND, FULL HEIGHT OF WALL
10	WALL MOUNTED STEEL SHIPS LADDER, SEE 1 / A503
11	ROOF HATCH, LOCATE BETWEEN STEEL JOISTS
12	REMOVABLE RAILING, SEE 4 / A503 FOR DETAIL
13	PRESSED CONCRETE ROOF PAVERS
14	METAL COAT ROD MOUNTED AT 5'-0" A.F.F., FULL WIDTH
15	ROOF WALKWAY PADS, TYPICAL
16	HOSE WASHER - N.I.C.
17	HOSE DRYER - N.I.C.
18	FURNITURE - N.I.C.
19	PIPE BOLLARD, SEE STRUCTURAL FOR DETAIL
20	MOBILE HOSE STORAGE RACK - N.I.C.
21	STEEL PIPE GUARDRAIL, SEE 5 / A503
22	48" HIGH MIRROR ALONG ENTIRE WALL MOUNTED @ 36" A.F.F.
23	DECORATIVE METAL MALTESE CROSS, SEE 10 / A506
24	EVIDENCE LOCKER, BASIS OF DESIGN: SPACESAVER CORP., (1) LOCKER STANDARD CONFIGURATION 33 W/ MAIL SLOT, (1) LOCKER STANDARD CONFIGURATION 15 W/ REFRIGERATOR BOTTOM UNIT
25	TRANSACTION WINDOW, SEE 18 / A504
26	EQUIPMENT PAD, SEE STRUCTURAL FOR DETAILS
27	CHAIN LINK FENCING
28	INSTALL GRAB BARS IN SHOWERS WITH TOP OF GRIPPING SURFACE AT 34" A.F.F.
29	PROVIDE 24"x48" SECURE ACCESS PANEL IN THIS ROOM
30	HALF HEIGHT WALL, SEE 8 / A504
31	STAINLESS STEEL COUNTERTOP W/ BACKSPLASH & MARINE EDGE
32	WALL MOUNTED TRANSLUCENT FIBERGLASS CANOPY, SEE 4 / A502
33	STANDALONE TRANSLUCENT FIBERGLASS CANOPY

SEH

Project Owner

CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY
705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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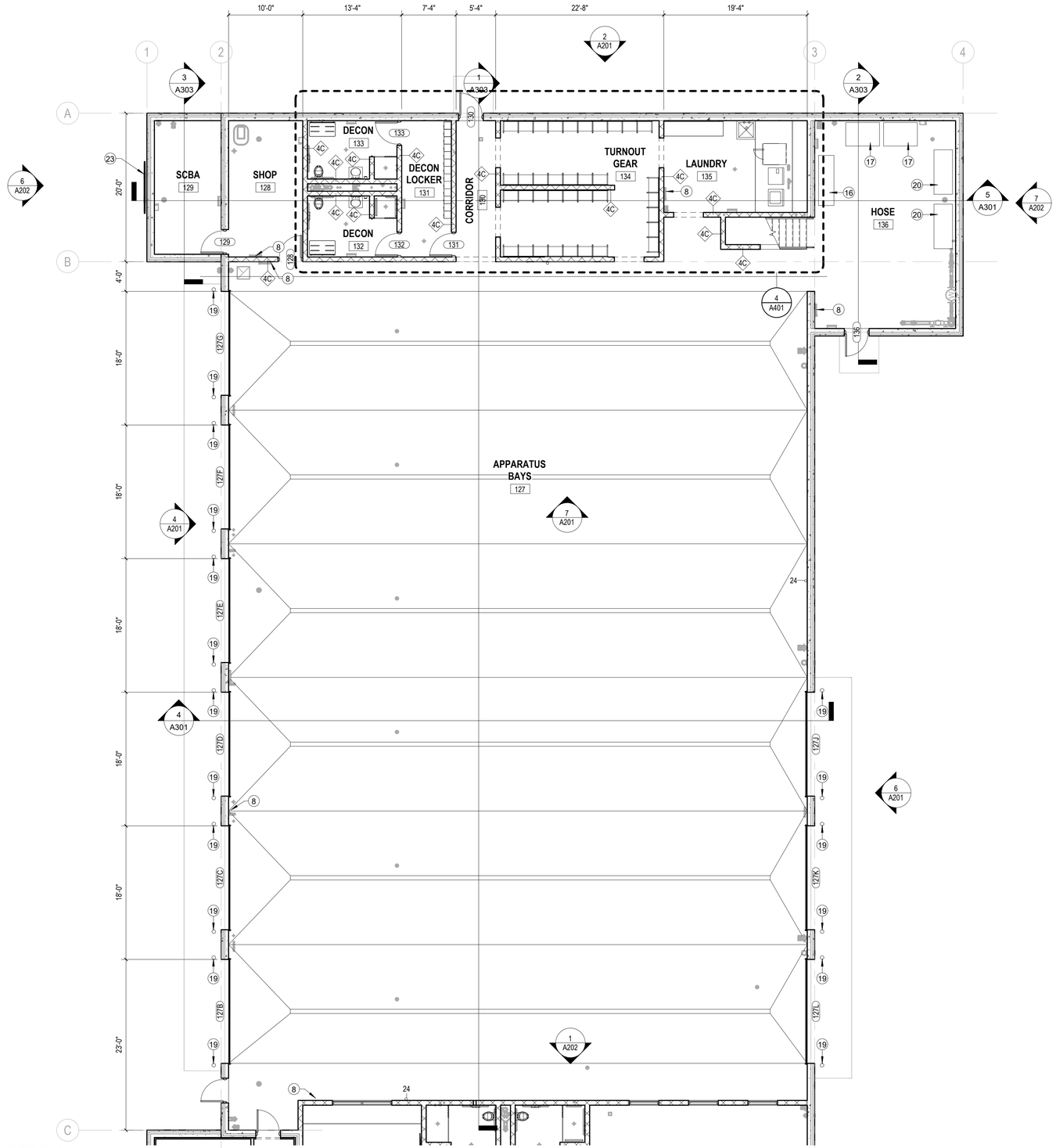
SEH Project	PDCAR 177629
Checked By	Checked By
Drawn By	Drawn By
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

FLOOR PLAN - LEVEL 1

A113



1 FLOOR PLAN
A114 1/8" = 1'-0"

CONSTRUCTION KEYNOTE LEGEND
1 CONCRETE FILLED METAL PAN STAIR
2 STEEL PIPE HANDRAIL, MOUNTED TO WALL
3 STEEL PIPE HANDRAIL, MOUNTED TO GUARDRAIL
4 LOCKER CORNER CONDITIONS TO HAVE FILLER CAP, TYP.
5 TILE SHOWER, SEE 9 / A506 FOR THRESHOLD DETAIL
6 SOLID SURFACE COUNTERTOP W/ 4 GROMMETS, VERIFY GROMMET LOCATIONS W/ OWNER
7 PROVIDE BLOCKING IN THIS WALL, 4 STUD CAVITIES W/ (2) 8" TALL BLOCKS EACH. VERIFY LOCATIONS W/ OWNER
8 RADIANT IN-FLOOR HEAT MANIFOLD COVER, SEE 7 / A503
9 FILL CMU CORES W/ SAND, FULL HEIGHT OF WALL
10 WALL MOUNTED STEEL SHIPS LADDER, SEE 1 / A503
11 ROOF HATCH, LOCATE BETWEEN STEEL JOISTS
12 REMOVABLE RAILING, SEE 4 / A503 FOR DETAIL
13 PRESSED CONCRETE ROOF PAVERS
14 METAL COAT ROD MOUNTED AT 5'-0" A.F.F., FULL WIDTH
15 ROOF WALKWAY PADS, TYPICAL
16 HOSE WASHER - N.I.C.
17 HOSE DRYER - N.I.C.
18 FURNITURE - N.I.C.
19 PIPE BOLLARD, SEE STRUCTURAL FOR DETAIL
20 MOBILE HOSE STORAGE RACK - N.I.C.
21 STEEL PIPE GUARDRAIL, SEE 5 / A503
22 48" HIGH MIRROR ALONG ENTIRE WALL MOUNTED @ 36" A.F.F.
23 DECORATIVE METAL MALTESE CROSS, SEE 10 / A506
24 EVIDENCE LOCKER, BASIS OF DESIGN: SPACESAVER CORP., (1) LOCKER STANDARD CONFIGURATION 33 W/ MAIL SLOT, (1) LOCKER STANDARD CONFIGURATION 15 W/ REFRIGERATOR BOTTOM UNIT
25 TRANSACTION WINDOW, SEE 18 / A504
26 EQUIPMENT PAD, SEE STRUCTURAL FOR DETAILS
27 CHAIN LINK FENCING
28 INSTALL GRAB BARS IN SHOWERS WITH TOP OF GRIPPING SURFACE AT 34" A.F.F.
29 PROVIDE 24"x48" SECURE ACCESS PANEL IN THIS ROOM
30 HALF HEIGHT WALL, SEE 8 / A504
31 STAINLESS STEEL COUNTERTOP W/ BACKSPLASH & MARINE EDGE
32 WALL MOUNTED TRANSLUCENT FIBERGLASS CANOPY, SEE 4 / A502
33 STANDALONE TRANSLUCENT FIBERGLASS CANOPY

SPECIALTIES SCHEDULE	
KEYNOTE	SPECIALTIES DESCRIPTION
1	TURNOUT GEAR LOCKER
2	18" GRAB BAR (VERTICAL)
3	24" GRAB BAR (HORIZONTAL)
4	36" GRAB BAR (HORIZONTAL)
5	42" GRAB BAR (HORIZONTAL)
6	TWO-WALL GRAB BAR (HORIZONTAL)
7	TOILET TISSUE DISPENSER (O.F. / C.I.)
8	ADA BENCH (FREE STANDING)
9	PAPER TOWEL DISPENSER (O.F. / C.I.)
10	MIRROR
11	WALL MOUNTED SOAP DISPENSER (O.F. / C.I.)
12	FOLDING SHOWER SEAT (CONFIRM MOUNTING PRIOR TO INSTALLATION)
13	ROBE HOOK
14	SHOWER CURTAIN AND ROD
15	CORRIDOR & DECON LOCKER (12" WIDE)
16	METAL LOCKER ROOM LOCKER (24" WIDE)
17	REFRIGERATOR (N.I.C.)
18	FREEZER (N.I.C.)
19	UNDERCOUNTER REFRIGERATOR (N.I.C.)
20	FUME HOOD - MOTT 7224040-S2 OR APPROVED EQUAL
21	DISHWASHER (N.I.C.)
22	GAS RANGE (O.F. / C.I.)
24	WALL MOUNTED FIRE EXTINGUISHER, VERIFY LOCATION W/ OWNER
25	FIRE EXTINGUISHER CABINET, VERIFY LOCATION W/ OWNER
26	RESIDENTIAL WASHER (N.I.C.)
27	COMMERCIAL EXTRACTOR (N.I.C.)
28	COMMERCIAL DRYER (N.I.C.)
29	42" DETENTION GRAB BAR (HORIZONTAL)
30	STACKED WASHER & DRYER (N.I.C.)
31	MOP & BROOM HOLDER
32	SHELF
33	MONITOR (N.I.C.) - CONTRACTOR TO PROVIDE BACKING, VERIFY HEIGHT W/ OWNER
34	DIAPER-CHANGING STATION
35	TOILETRIES SHELF
36	METAL DUTY WEAR LOCKER (24" WIDE)
37	METAL SQUAD BAG LOCKER (24" WIDE)
38	METAL WEAPONS LOCKER (36" WIDE)
39	DUMPSTER ENCLOSURE

PROJECT NORTH

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/5/2026 8:33:54 AM

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Project Owner

CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY
705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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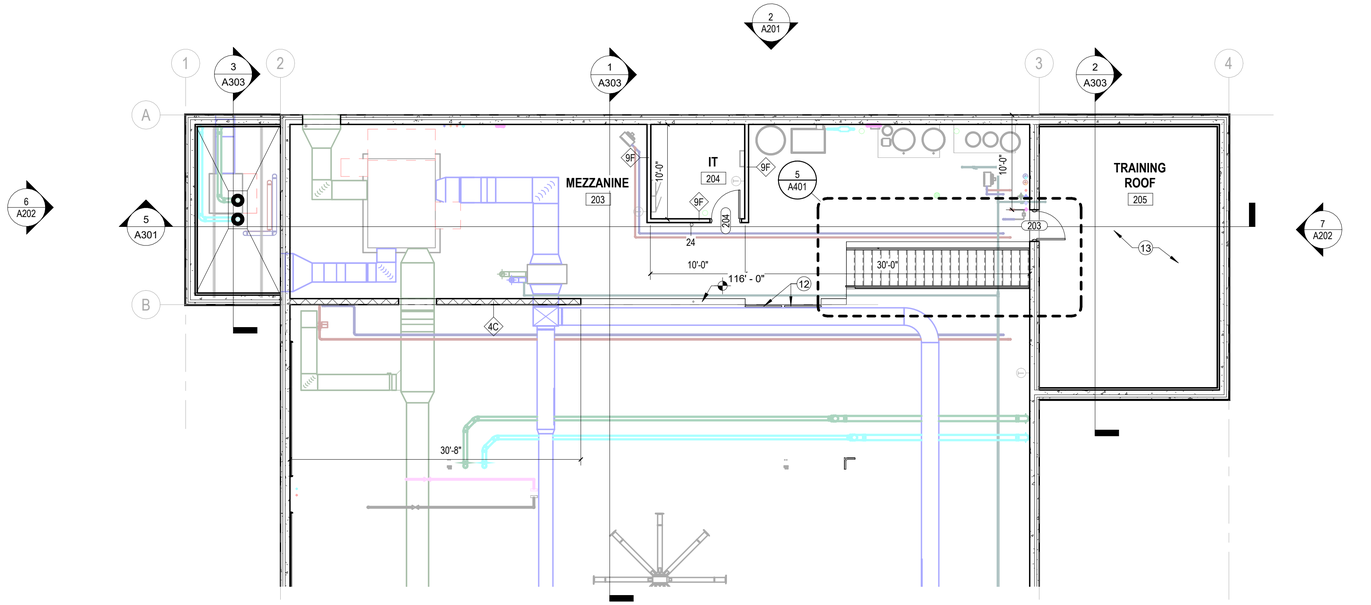
SEH Project	PDCAR 177629
Checked By	Checked By
Drawn By	Drawn By
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

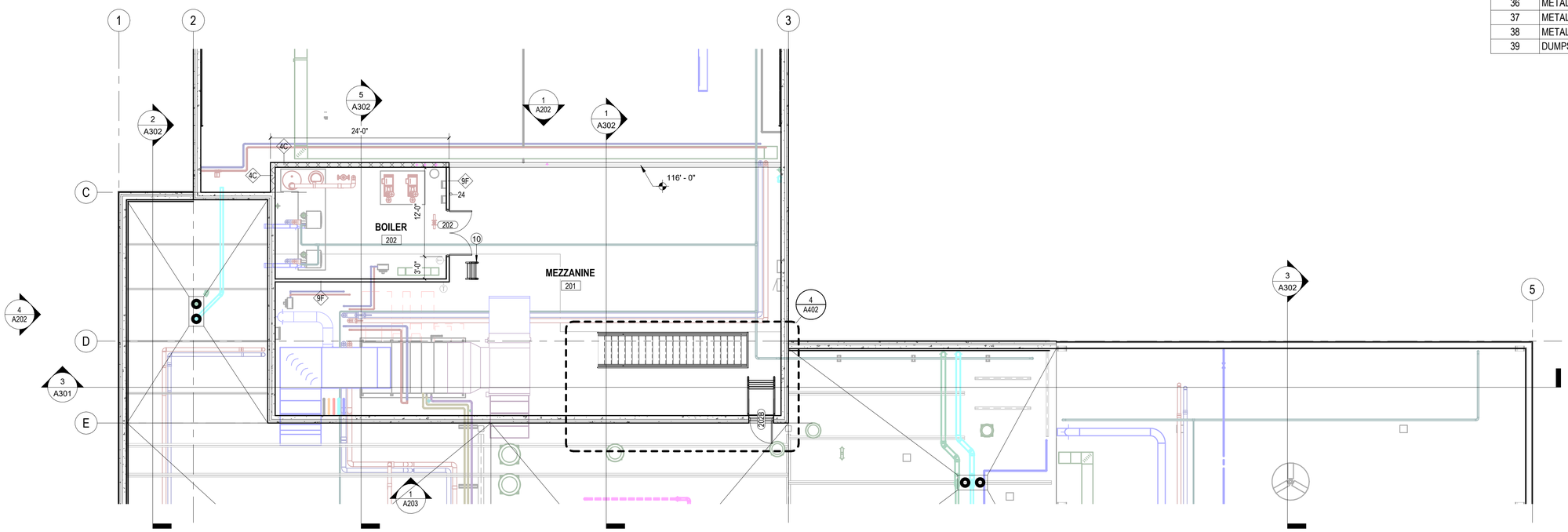
REV. #	DESCRIPTION	DATE

FLOOR PLAN - LEVEL 1

A114



1 A115 MEZZANINE LEVEL
1/8" = 1'-0"



2 A115 MEZZANINE LEVEL
1/8" = 1'-0"

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/5/2026 8:33:57 AM

CONSTRUCTION KEYNOTE LEGEND

1. CONCRETE FILLED METAL PAN STAIR
2. STEEL PIPE HANDRAIL, MOUNTED TO WALL
3. STEEL PIPE HANDRAIL, MOUNTED TO GUARDRAIL
4. LOCKER CORNER CONDITIONS TO HAVE FILLER CAP, TYP.
5. TILE SHOWER, SEE 9 / A506 FOR THRESHOLD DETAIL
6. SOLID SURFACE COUNTERTOP W/ 4 GROMMETS, VERIFY GROMMET LOCATIONS W/ OWNER
7. PROVIDE BLOCKING IN THIS WALL, 4 STUD CAVITIES W/ (2) 8" TALL BLOCKS EACH. VERIFY LOCATIONS W/ OWNER
8. RADIANT IN-FLOOR HEAT MANIFOLD COVER, SEE 7 / A503
9. FILL CMU CORES W/ SAND, FULL HEIGHT OF WALL
10. WALL MOUNTED STEEL SHIPS LADDER, SEE 1 / A503
11. ROOF HATCH, LOCATE BETWEEN STEEL JOISTS
12. REMOVABLE RAILING, SEE 4 / A503 FOR DETAIL
13. PRESSED CONCRETE ROOF PAVERS
14. METAL COAT ROD MOUNTED AT 5'-0" A.F.F., FULL WIDTH
15. ROOF WALKWAY PADS, TYPICAL
16. HOSE WASHER - N.I.C.
17. HOSE DRYER - N.I.C.
18. FURNITURE - N.I.C.
19. PIPE BOLLARD, SEE STRUCTURAL FOR DETAIL
20. MOBILE HOSE STORAGE RACK - N.I.C.
21. STEEL PIPE GUARDRAIL, SEE 5 / A503
22. 48" HIGH MIRROR ALONG ENTIRE WALL MOUNTED @ 36" A.F.F.
23. DECORATIVE METAL MALTESE CROSS, SEE 10 / A506
24. EVIDENCE LOCKER, BASIS OF DESIGN: SPACESAVER CORP., (1) LOCKER STANDARD CONFIGURATION 33 W/ MAIL SLOT, (1) LOCKER STANDARD CONFIGURATION 15 W/ REFRIGERATOR BOTTOM UNIT
25. TRANSACTION WINDOW, SEE 18 / A504
26. EQUIPMENT PAD, SEE STRUCTURAL FOR DETAILS
27. CHAIN LINK FENCING
28. INSTALL GRAB BARS IN SHOWERS WITH TOP OF GRIPPING SURFACE AT 34" A.F.F.
29. PROVIDE 24"x48" SECURE ACCESS PANEL IN THIS ROOM
30. HALF HEIGHT WALL, SEE 8 / A504
31. STAINLESS STEEL COUNTERTOP W/ BACKSPLASH & MARINE EDGE
32. WALL MOUNTED TRANSLUCENT FIBERGLASS CANOPY, SEE 4 / A502
33. STANDALONE TRANSLUCENT FIBERGLASS CANOPY

SPECIALTIES SCHEDULE

KEYNOTE	SPECIALTIES DESCRIPTION
1	TURNOUT GEAR LOCKER
2	18" GRAB BAR (VERTICAL)
3	24" GRAB BAR (HORIZONTAL)
4	36" GRAB BAR (HORIZONTAL)
5	42" GRAB BAR (HORIZONTAL)
6	TWO-WALL GRAB BAR (HORIZONTAL)
7	TOILET TISSUE DISPENSER (O.F. / C.I.)
8	ADA BENCH (FREE STANDING)
9	PAPER TOWEL DISPENSER (O.F. / C.I.)
10	MIRROR
11	WALL MOUNTED SOAP DISPENSER (O.F. / C.I.)
12	FOLDING SHOWER SEAT (CONFIRM MOUNTING PRIOR TO INSTALLATION)
13	ROBE HOOK
14	SHOWER CURTAIN AND ROD
15	CORRIDOR & DECON LOCKER (12" WIDE)
16	METAL LOCKER ROOM LOCKER (24" WIDE)
17	REFRIGERATOR (N.I.C.)
18	FREEZER (N.I.C.)
19	UNDERCOUNTER REFRIGERATOR (N.I.C.)
20	FUME HOOD - MOTT 7224040-S2 OR APPROVED EQUAL
21	DISHWASHER (N.I.C.)
22	GAS RANGE (O.F. / C.I.)
24	WALL MOUNTED FIRE EXTINGUISHER, VERIFY LOCATION W/ OWNER
25	FIRE EXTINGUISHER CABINET, VERIFY LOCATION W/ OWNER
26	RESIDENTIAL WASHER (N.I.C.)
27	COMMERCIAL EXTRACTOR (N.I.C.)
28	COMMERCIAL DRYER (N.I.C.)
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31	MOP & BROOM HOLDER
32	SHELF
33	MONITOR (N.I.C.) - CONTRACTOR TO PROVIDE BACKING, VERIFY HEIGHT W/ OWNER
34	DIAPER-CHANGING STATION
35	TOILETRIES SHELF
36	METAL DUTY WEAR LOCKER (24" WIDE)
37	METAL SQUAD BAG LOCKER (24" WIDE)
38	METAL WEAPONS LOCKER (36" WIDE)
39	DUMPSTER ENCLOSURE

SEH

Project Owner

CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY
705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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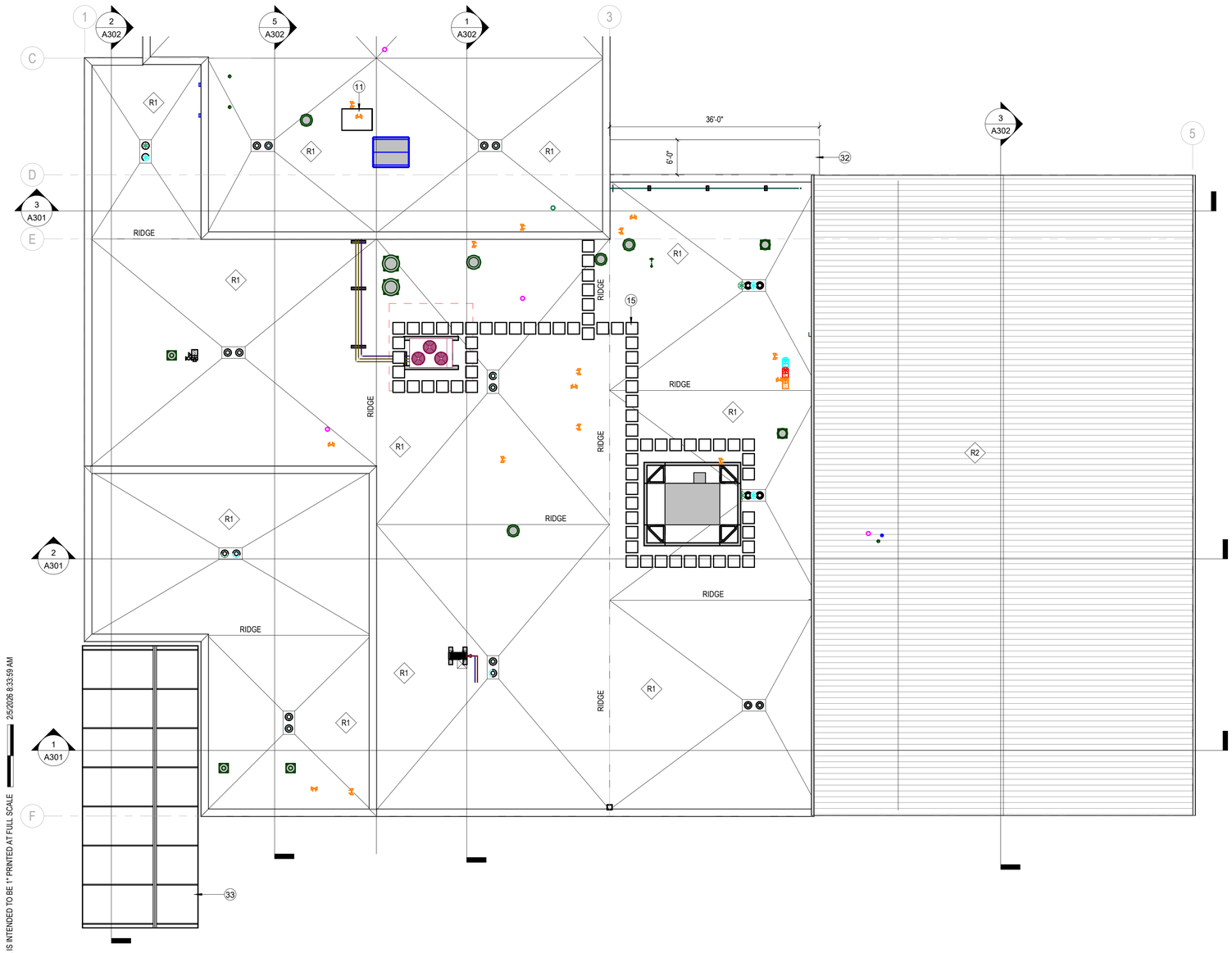
SEH Project	PDCAR 177629
Checked By	Checked By
Drawn By	Drawn By
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

FLOOR PLAN - MEZZANINE LEVEL - PRECAST WALLS

A115



1 A131 T.O. APP. WALL
3/32" = 1'-0"

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/5/2026 8:33:59 AM

CONSTRUCTION KEYNOTE LEGEND

1. CONCRETE FILLED METAL PAN STAIR
2. STEEL PIPE HANDRAIL, MOUNTED TO WALL
3. STEEL PIPE HANDRAIL, MOUNTED TO GUARDRAIL
4. LOCKER CORNER CONDITIONS TO HAVE FILLER CAP, TYP.
5. TILE SHOWER, SEE 9 / A506 FOR THRESHOLD DETAIL
6. SOLID SURFACE COUNTERTOP W/ 4 GROMMETS, VERIFY GROMMET LOCATIONS W/ OWNER
7. PROVIDE BLOCKING IN THIS WALL, 4 STUD CAVITIES W/ (2) 8" TALL BLOCKS EACH. VERIFY LOCATIONS W/ OWNER
8. RADIANT IN-FLOOR HEAT MANIFOLD COVER, SEE 7 / A503
9. FILL CMU CORES W/ SAND, FULL HEIGHT OF WALL
10. WALL MOUNTED STEEL SHIPS LADDER, SEE 1 / A503
11. ROOF HATCH, LOCATE BETWEEN STEEL JOISTS
12. REMOVABLE RAILING, SEE 4 / A503 FOR DETAIL
13. PRESSED CONCRETE ROOF PAVERS
14. METAL COAT ROD MOUNTED AT 5'-0" A.F.F., FULL WIDTH
15. ROOF WALKWAY PADS, TYPICAL
16. HOSE WASHER - N.I.C.
17. HOSE DRYER - N.I.C.
18. FURNITURE - N.I.C.
19. PIPE BOLLARD, SEE STRUCTURAL FOR DETAIL
20. MOBILE HOSE STORAGE RACK - N.I.C.
21. STEEL PIPE GUARDRAIL, SEE 5 / A503
22. 48" HIGH MIRROR ALONG ENTIRE WALL MOUNTED @ 36" A.F.F.
23. DECORATIVE METAL MALTESE CROSS, SEE 10 / A506
24. EVIDENCE LOCKER, BASIS OF DESIGN: SPACESAVER CORP., (1) LOCKER STANDARD CONFIGURATION 33 W/ MAIL SLOT, (1) LOCKER STANDARD CONFIGURATION 15 W/ REFRIGERATOR BOTTOM UNIT
25. TRANSACTION WINDOW, SEE 18 / A504
26. EQUIPMENT PAD, SEE STRUCTURAL FOR DETAILS
27. CHAIN LINK FENCING
28. INSTALL GRAB BARS IN SHOWERS WITH TOP OF GRIPPING SURFACE AT 34" A.F.F.
29. PROVIDE 24"x48" SECURE ACCESS PANEL IN THIS ROOM
30. HALF HEIGHT WALL, SEE 8 / A504
31. STAINLESS STEEL COUNTERTOP W/ BACKSPLASH & MARINE EDGE
32. WALL MOUNTED TRANSLUCENT FIBERGLASS CANOPY, SEE 4 / A502
33. STANDALONE TRANSLUCENT FIBERGLASS CANOPY

SPECIALTIES SCHEDULE

KEYNOTE	SPECIALTIES DESCRIPTION
1	TURNOUT GEAR LOCKER
2	18" GRAB BAR (VERTICAL)
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7	TOILET TISSUE DISPENSER (O.F. / C.I.)
8	ADA BENCH (FREE STANDING)
9	PAPER TOWEL DISPENSER (O.F. / C.I.)
10	MIRROR
11	WALL MOUNTED SOAP DISPENSER (O.F. / C.I.)
12	FOLDING SHOWER SEAT (CONFIRM MOUNTING PRIOR TO INSTALLATION)
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18	FREEZER (N.I.C.)
19	UNDERCOUNTER REFRIGERATOR (N.I.C.)
20	FUME HOOD - MOTT 7224040-S2 OR APPROVED EQUAL
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SEH

Project Owner

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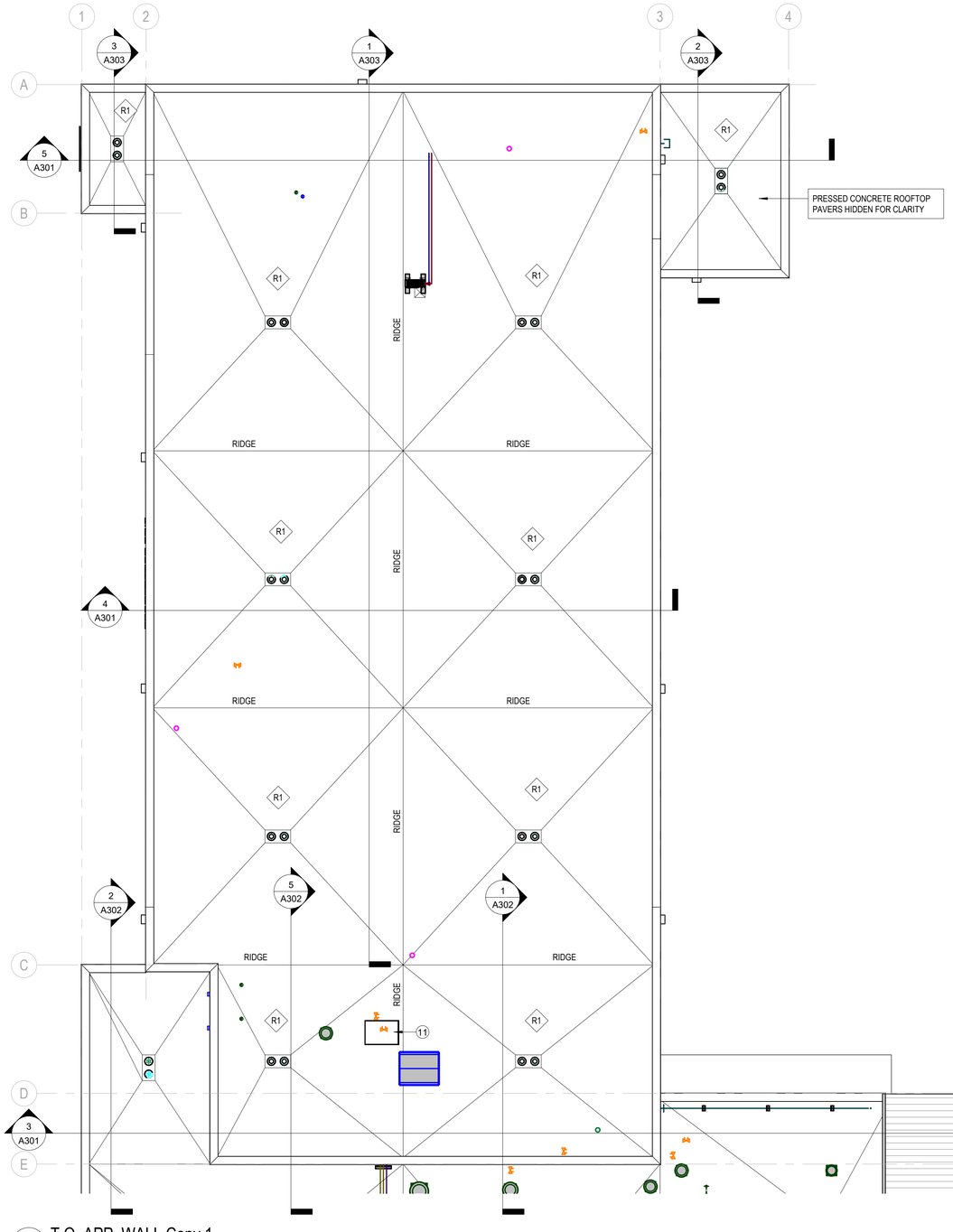
SEH Project	PDCAR.177629
Checked By	Checked By
Drawn By	Drawn By
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

ROOF PLAN

A131



1 A132 T.O. APP. WALL Copy 1

3/32" = 1'-0"

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/5/2026 8:34:02 AM

CONSTRUCTION KEYNOTE LEGEND

1. CONCRETE FILLED METAL PAN STAIR
2. STEEL PIPE HANDRAIL, MOUNTED TO WALL
3. STEEL PIPE HANDRAIL, MOUNTED TO GUARDRAIL
4. LOCKER CORNER CONDITIONS TO HAVE FILLER CAP, TYP.
5. TILE SHOWER, SEE 9 / A506 FOR THRESHOLD DETAIL
6. SOLID SURFACE COUNTERTOP W/ 4 GROMMETS, VERIFY GROMMET LOCATIONS W/ OWNER
7. PROVIDE BLOCKING IN THIS WALL, 4 STUD CAVITIES W/ (2) 8" TALL BLOCKS EACH. VERIFY LOCATIONS W/ OWNER
8. RADIANT IN-FLOOR HEAT MANIFOLD COVER, SEE 7 / A503
9. FILL CMU CORES W/ SAND, FULL HEIGHT OF WALL
10. WALL MOUNTED STEEL SHIPS LADDER, SEE 1 / A503
11. ROOF HATCH, LOCATE BETWEEN STEEL JOISTS
12. REMOVABLE RAILING, SEE 4 / A503 FOR DETAIL
13. PRESSED CONCRETE ROOF PAVERS
14. METAL COAT ROD MOUNTED AT 5'-0" A.F.F., FULL WIDTH
15. ROOF WALKWAY PADS, TYPICAL
16. HOSE WASHER - N.I.C.
17. HOSE DRYER - N.I.C.
18. FURNITURE - N.I.C.
19. PIPE BOLLARD, SEE STRUCTURAL FOR DETAIL
20. MOBILE HOSE STORAGE RACK - N.I.C.
21. STEEL PIPE GUARDRAIL, SEE 5 / A503
22. 48" HIGH MIRROR ALONG ENTIRE WALL MOUNTED @ 36" A.F.F.
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24. EVIDENCE LOCKER, BASIS OF DESIGN: SPACESAVER CORP., (1) LOCKER STANDARD CONFIGURATION 33 W/ MAIL SLOT, (1) LOCKER STANDARD CONFIGURATION 15 W/ REFRIGERATOR BOTTOM UNIT
25. TRANSACTION WINDOW, SEE 18 / A504
26. EQUIPMENT PAD, SEE STRUCTURAL FOR DETAILS
27. CHAIN LINK FENCING
28. INSTALL GRAB BARS IN SHOWERS WITH TOP OF GRIPPING SURFACE AT 34" A.F.F.
29. PROVIDE 24"x48" SECURE ACCESS PANEL IN THIS ROOM
30. HALF HEIGHT WALL, SEE 8 / A504
31. STAINLESS STEEL COUNTERTOP W/ BACKSPLASH & MARINE EDGE
32. WALL MOUNTED TRANSLUCENT FIBERGLASS CANOPY, SEE 4 / A502
33. STANDALONE TRANSLUCENT FIBERGLASS CANOPY

SEH

Project Owner

CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY

705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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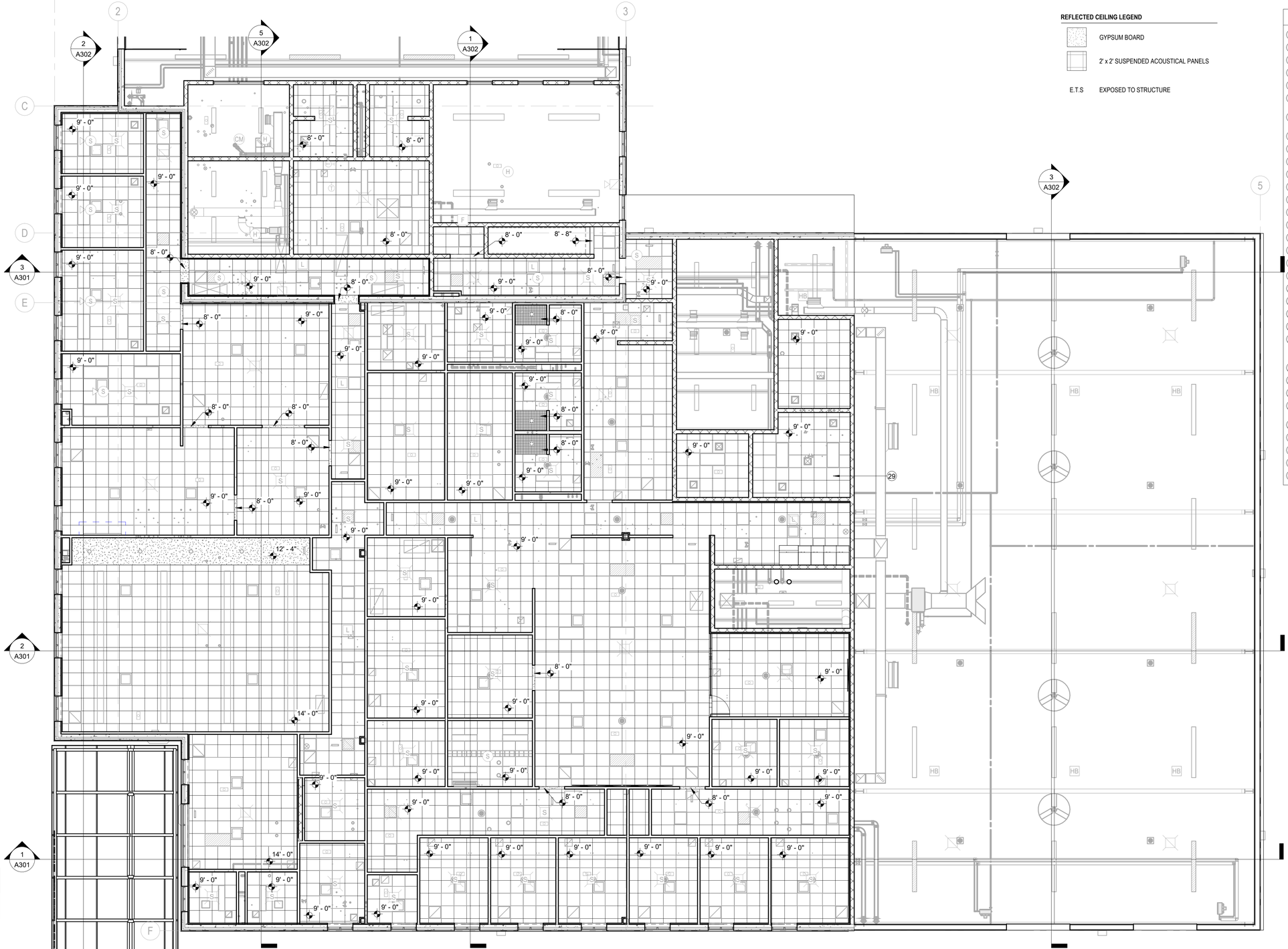
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

ROOF PLAN

A132



REFLECTED CEILING LEGEND

	GYPSUM BOARD
	2' x 2' SUSPENDED ACOUSTICAL PANELS
E.T.S	EXPOSED TO STRUCTURE

CONSTRUCTION KEYNOTE LEGEND

1. CONCRETE FILLED METAL PAN STAIR
2. STEEL PIPE HANDRAIL, MOUNTED TO WALL
3. STEEL PIPE HANDRAIL, MOUNTED TO GUARDRAIL
4. LOCKER CORNER CONDITIONS TO HAVE FILLER CAP, TYP.
5. TILE SHOWER, SEE 9 / A506 FOR THRESHOLD DETAIL
6. SOLID SURFACE COUNTERTOP W/ 4 GROMMETS, VERIFY GROMMET LOCATIONS W/ OWNER
7. PROVIDE BLOCKING IN THIS WALL, 4 STUD CAVITIES W/ (2) 8" TALL BLOCKS EACH. VERIFY LOCATIONS W/ OWNER
8. RADIANT IN-FLOOR HEAT MANIFOLD COVER, SEE 7 / A503
9. FILL CMU CORES W/ SAND, FULL HEIGHT OF WALL
10. WALL MOUNTED STEEL SHIPS LADDER, SEE 1 / A503
11. ROOF HATCH, LOCATE BETWEEN STEEL JOISTS
12. REMOVABLE RAILING, SEE 4 / A503 FOR DETAIL
13. PRESSED CONCRETE ROOF PAVERS
14. METAL COAT ROD MOUNTED AT 5'-0" A.F.F., FULL WIDTH
15. ROOF WALKWAY PADS, TYPICAL
16. HOSE WASHER - N.I.C.
17. HOSE DRYER - N.I.C.
18. FURNITURE - N.I.C.
19. PIPE BOLLARD, SEE STRUCTURAL FOR DETAIL
20. MOBILE HOSE STORAGE RACK - N.I.C.
21. STEEL PIPE GUARDRAIL, SEE 5 / A503
22. 48" HIGH MIRROR ALONG ENTIRE WALL MOUNTED @ 36" A.F.F.
23. DECORATIVE METAL MALTESE CROSS, SEE 10 / A506
24. EVIDENCE LOCKER, BASIS OF DESIGN: SPACESAVER CORP., (1) LOCKER STANDARD CONFIGURATION 33 W/ MAIL SLOT, (1) LOCKER STANDARD CONFIGURATION 15 W/ REFRIGERATOR BOTTOM UNIT
25. TRANSACTION WINDOW, SEE 18 / A504
26. EQUIPMENT PAD, SEE STRUCTURAL FOR DETAILS
27. CHAIN LINK FENCING
28. INSTALL GRAB BARS IN SHOWERS WITH TOP OF GRIPPING SURFACE AT 34" A.F.F.
29. PROVIDE 24"x48" SECURE ACCESS PANEL IN THIS ROOM
30. HALF HEIGHT WALL, SEE 8 / A504
31. STAINLESS STEEL COUNTERTOP W/ BACKSPLASH & MARINE EDGE
32. WALL MOUNTED TRANSLUCENT FIBERGLASS CANOPY, SEE 4 / A502
33. STANDALONE TRANSLUCENT FIBERGLASS CANOPY

1 A151 FIRST LEVEL
1/8" = 1'-0"

PROJECT NORTH

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/5/2026 8:34:13 AM

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CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY
705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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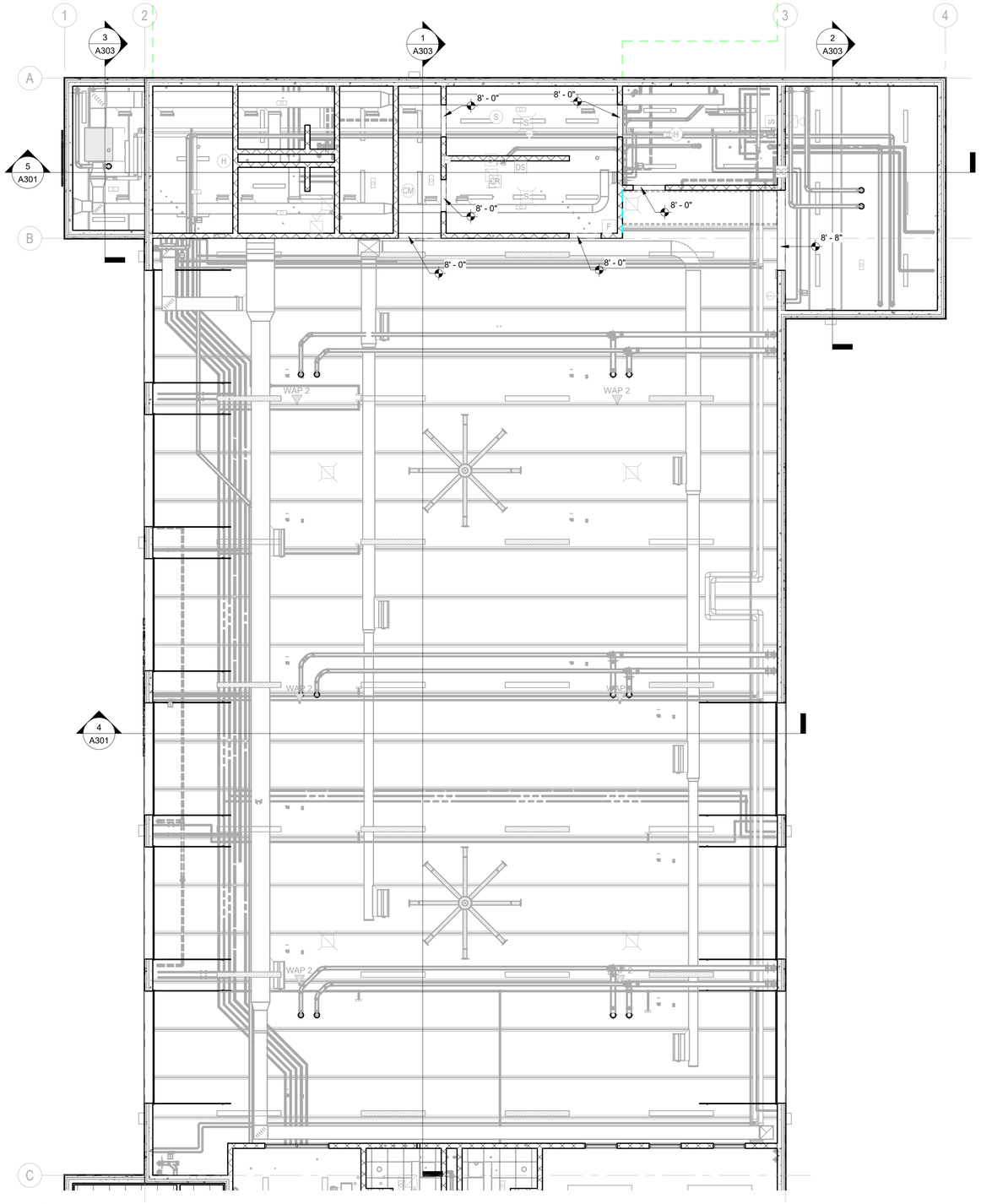
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Drawn By	Drawn By
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

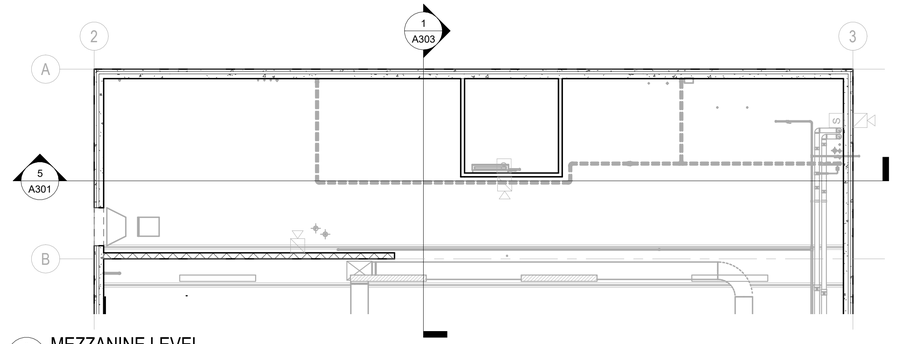
REV. #	DESCRIPTION	DATE

REFLECTED CEILING PLAN

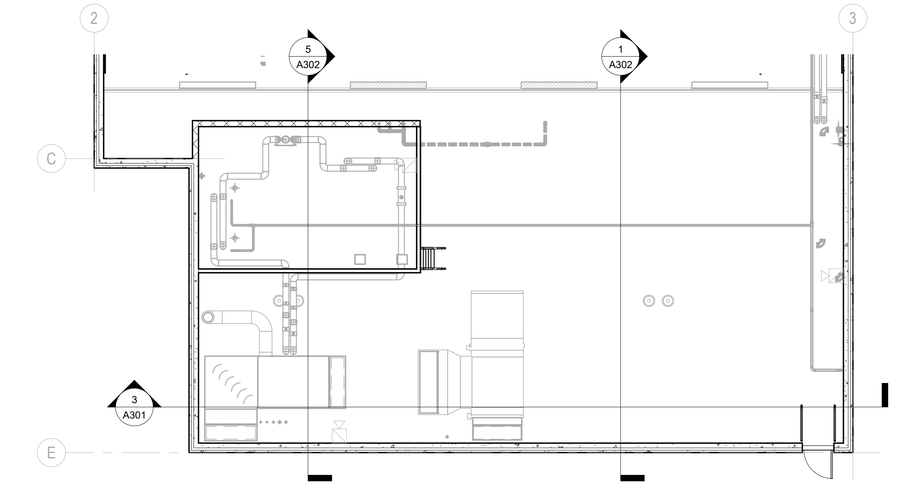
A151



1 A152 FIRST LEVEL
1/8" = 1'-0"



2 A152 MEZZANINE LEVEL
1/8" = 1'-0"



3 A152 MEZZANINE LEVEL
1/8" = 1'-0"

REFLECTED CEILING LEGEND

	GYPSUM BOARD
	2' x 2' SUSPENDED ACOUSTICAL PANELS
E.T.S	EXPOSED TO STRUCTURE

CONSTRUCTION KEYNOTE LEGEND

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33. STANDALONE TRANSLUCENT FIBERGLASS CANOPY

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CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY

705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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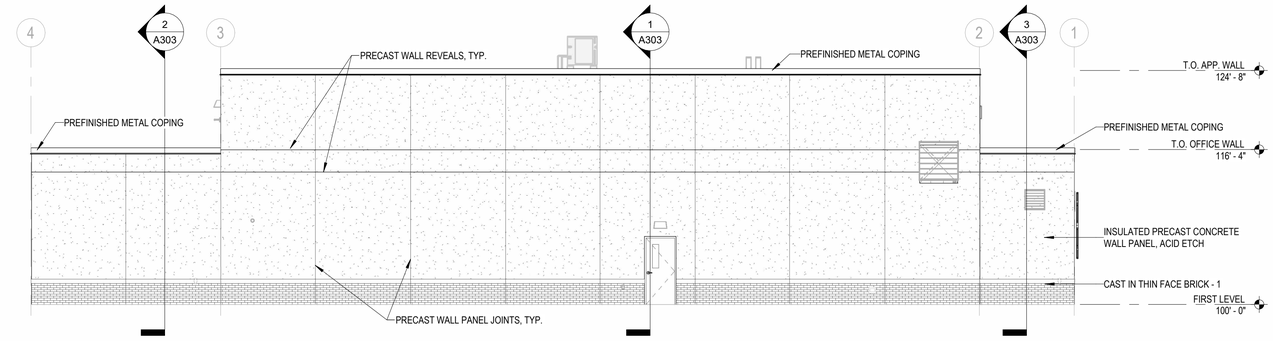
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

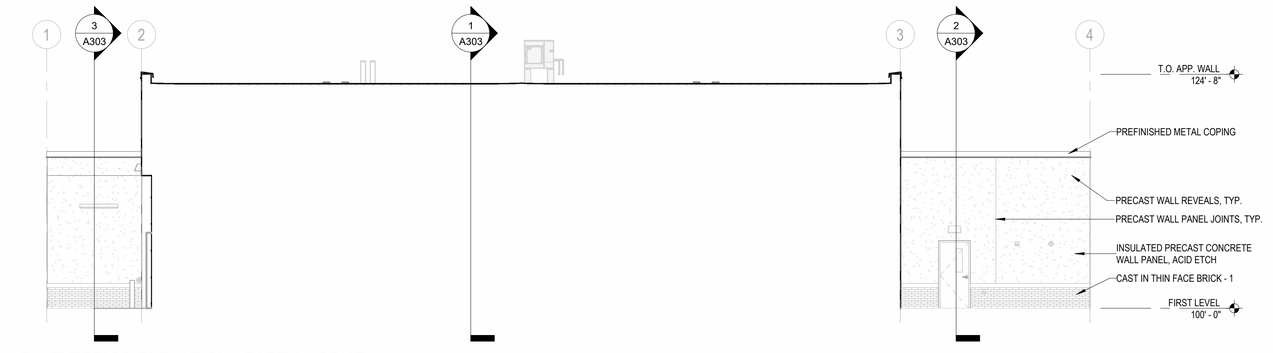
REV. #	DESCRIPTION	DATE

REFLECTED CEILING PLAN

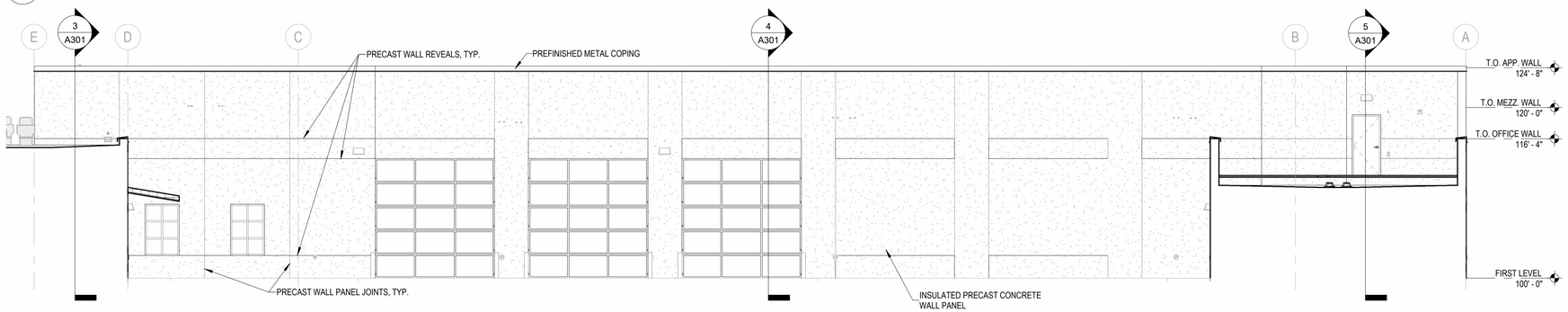
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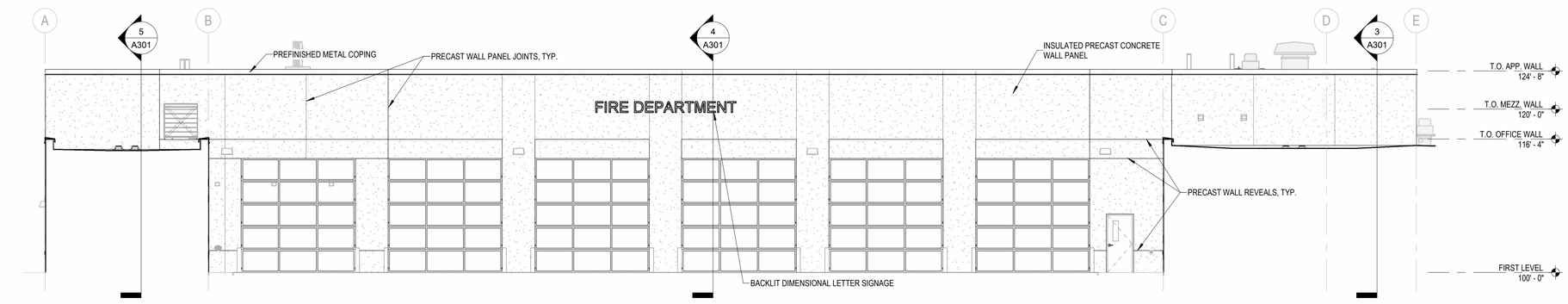
2 A201 EXTERIOR ELEVATION - NORTH
1/8" = 1'-0"



7 A201 EXTERIOR ELEVATION - PARTIAL SOUTH
1/8" = 1'-0"



6 A201 EXTERIOR ELEVATION - EAST
1/8" = 1'-0"



4 A201 EXTERIOR ELEVATION - WEST
1/8" = 1'-0"

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705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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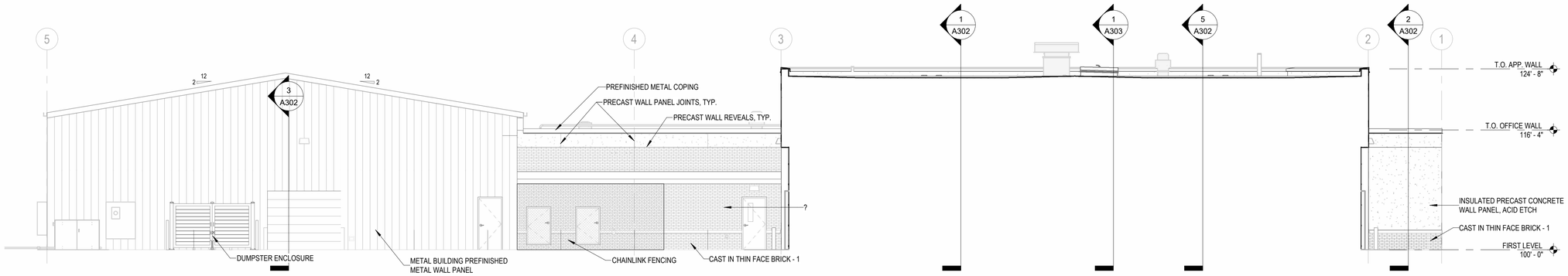
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

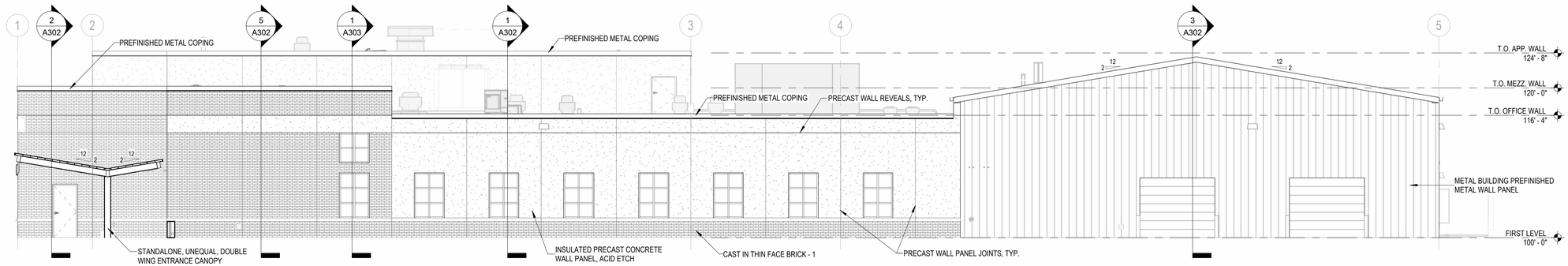
EXTERIOR ELEVATIONS

A201



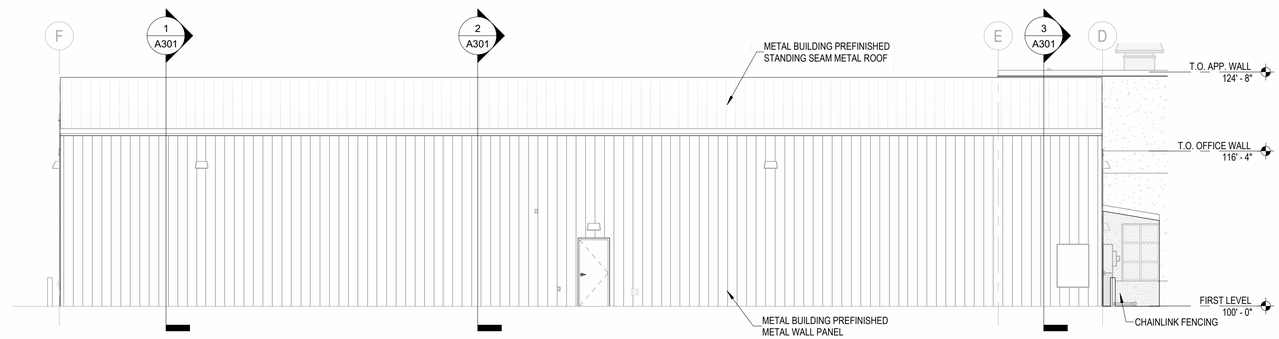
1 A202 EXTERIOR ELEVATION - PARTIAL NORTH

1/8" = 1'-0"



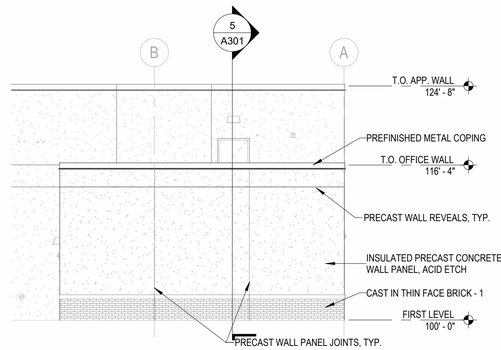
3 A202 EXTERIOR ELEVATION - SOUTH

1/8" = 1'-0"



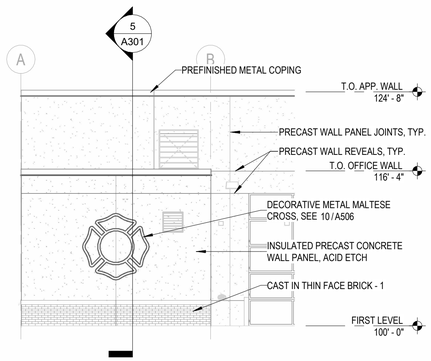
2 A202 EXTERIOR ELEVATION - PARTIAL EAST

1/8" = 1'-0"



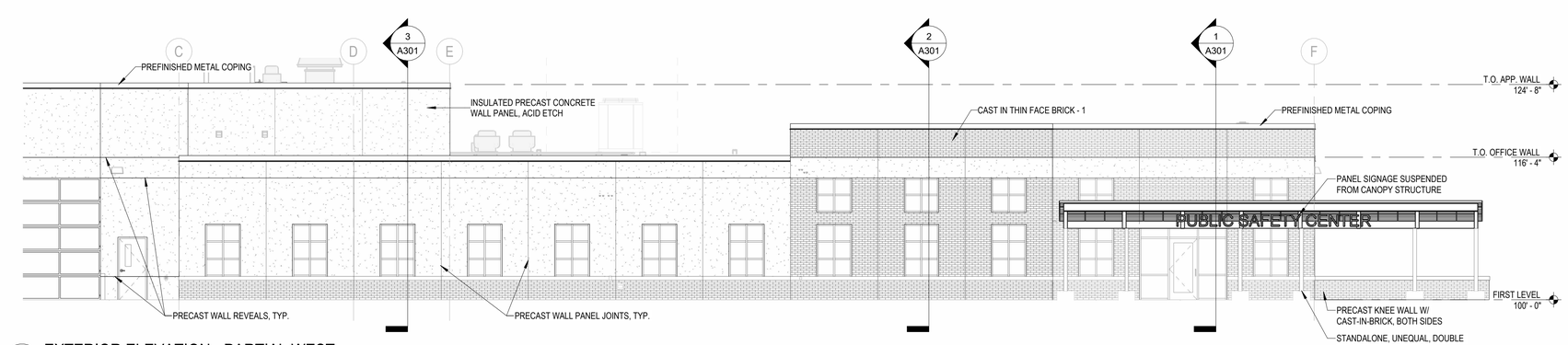
7 A202 EXTERIOR ELEVATION - PARTIAL EAST

1/8" = 1'-0"



6 A202 EXTERIOR ELEVATION - PARTIAL WEST

1/8" = 1'-0"



4 A202 EXTERIOR ELEVATION - PARTIAL WEST

1/8" = 1'-0"

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705 EAST TAYLOR STREET
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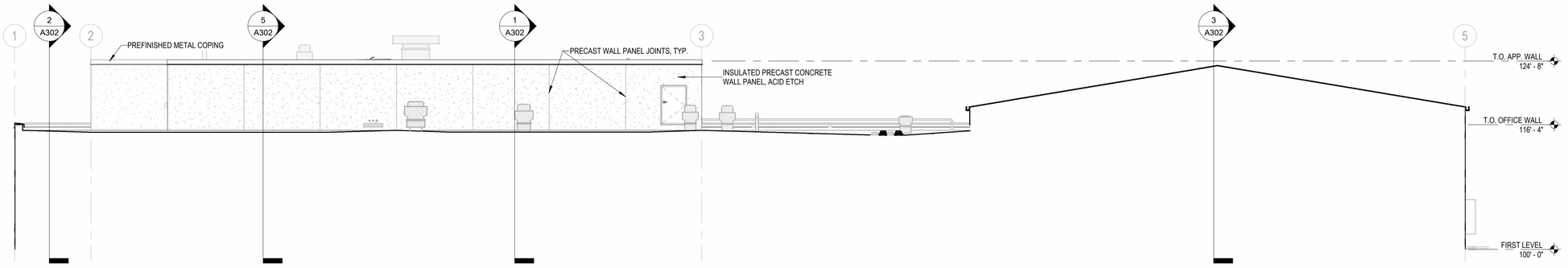
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FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

EXTERIOR ELEVATIONS

A202



1 / A203 EXTERIOR ELEVATION - PARTIAL SOUTH

1/8" = 1'-0"

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CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY

705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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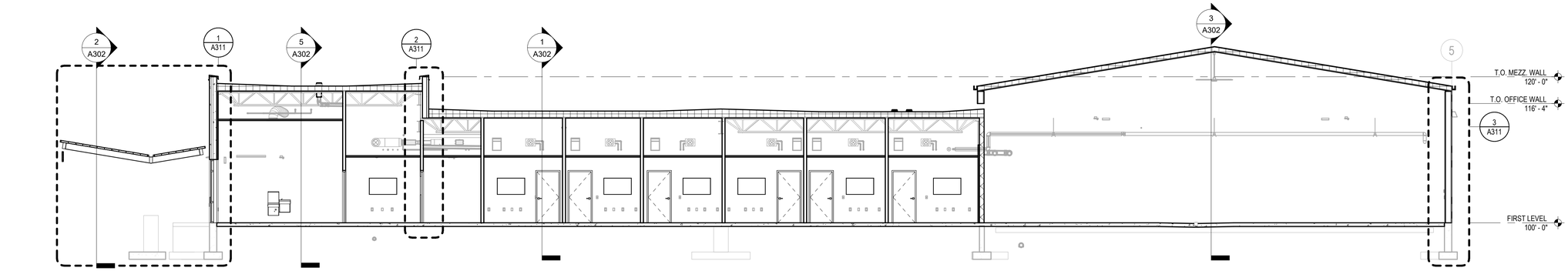
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REVISION SCHEDULE

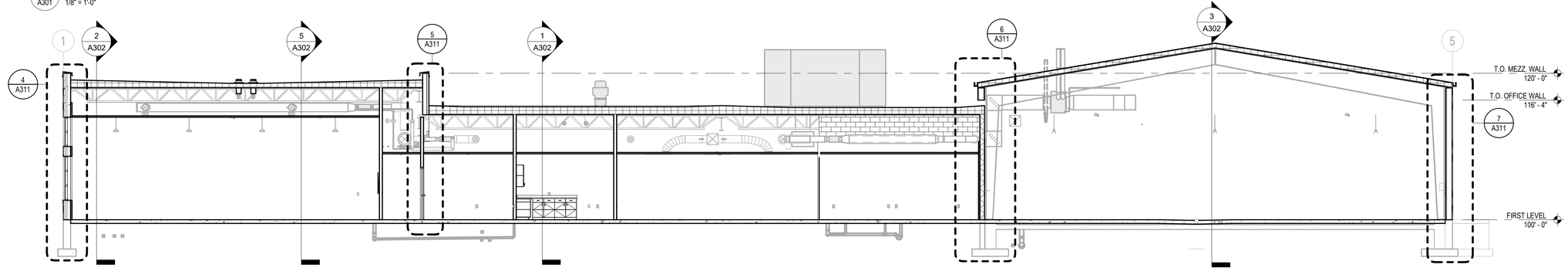
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EXTERIOR ELEVATIONS

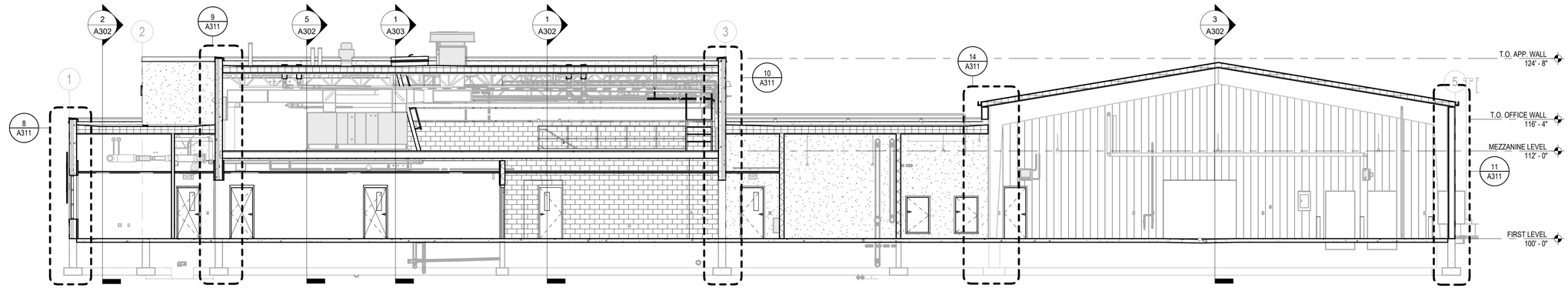
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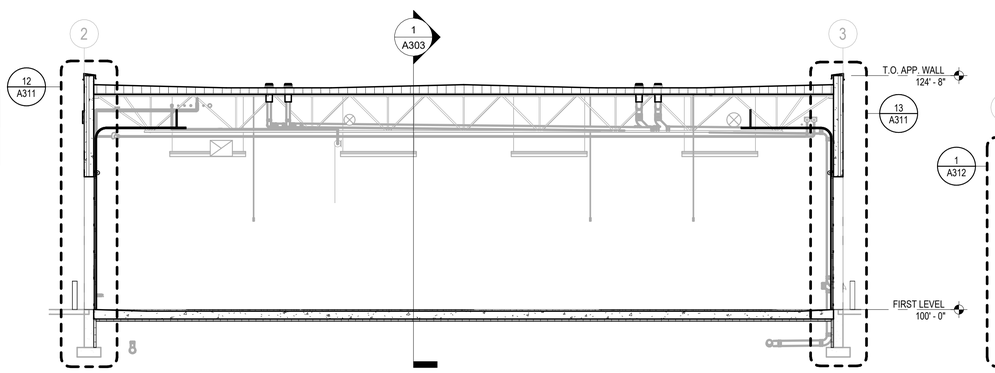
1 A301 BUILDING SECTION
1/8" = 1'-0"



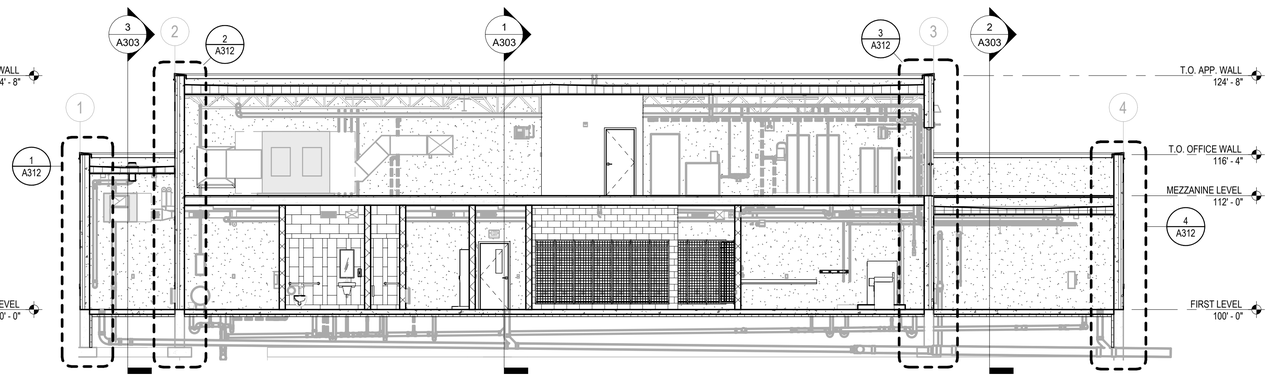
2 A301 BUILDING SECTION
1/8" = 1'-0"



3 A301 BUILDING SECTION
1/8" = 1'-0"



4 A301 BUILDING SECTION
1/8" = 1'-0"



5 A301 BUILDING SECTION
1/8" = 1'-0"

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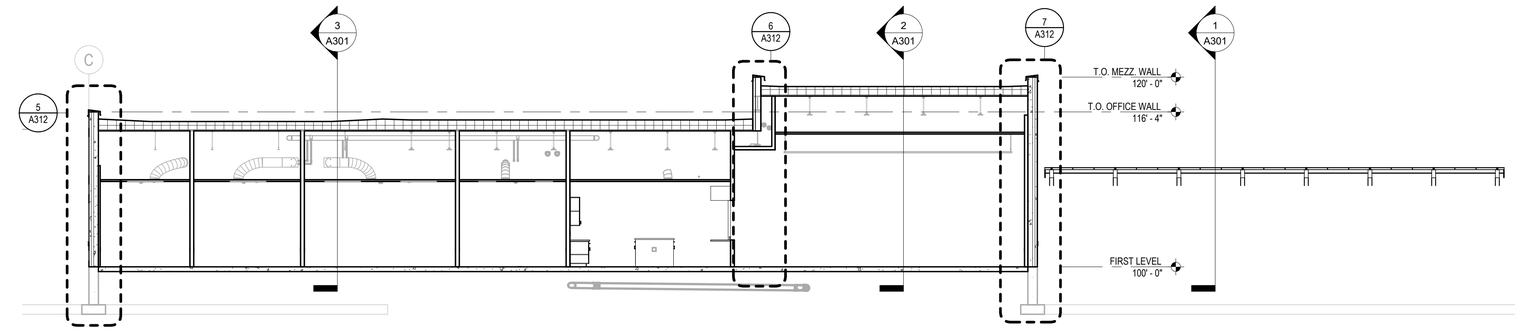
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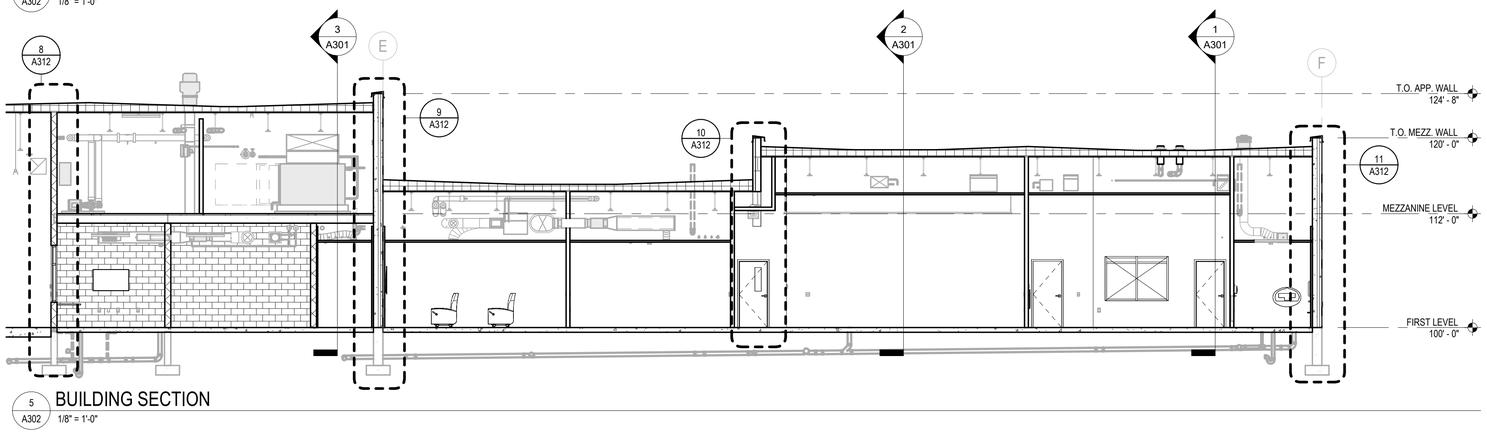
REV. #	DESCRIPTION	DATE

BUILDING SECTIONS

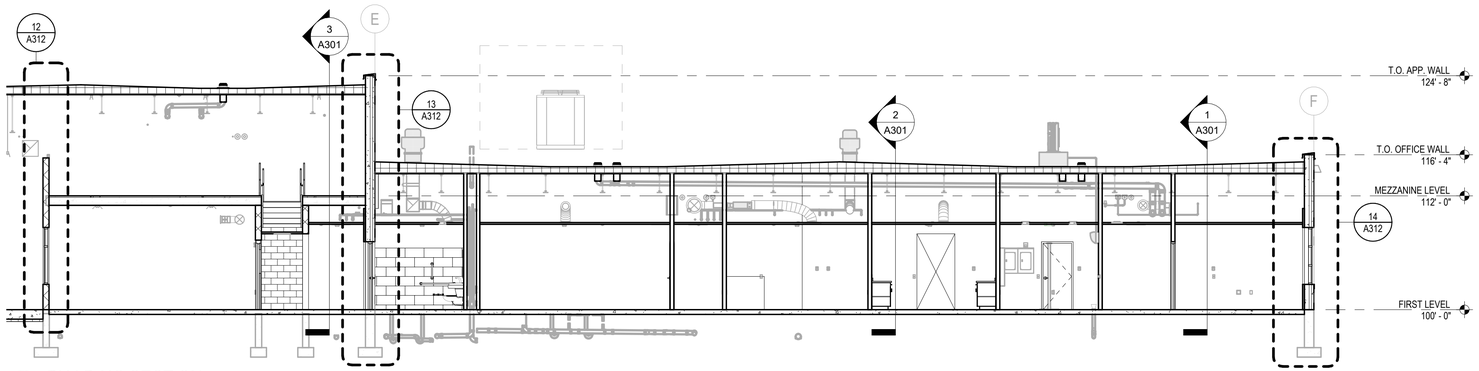
A301



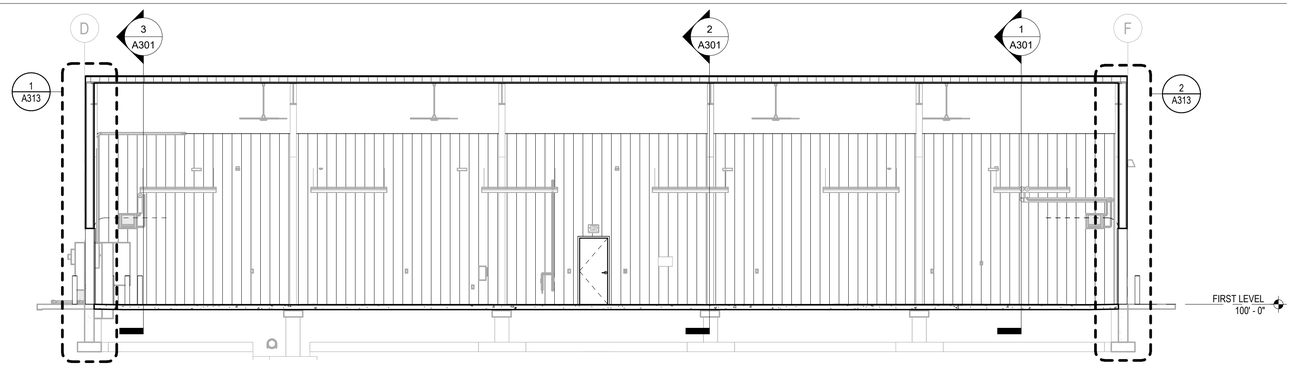
2 A302 BUILDING SECTION
1/8" = 1'-0"



5 A302 BUILDING SECTION
1/8" = 1'-0"



1 A302 BUILDING SECTION
1/8" = 1'-0"



3 A302 BUILDING SECTION
1/8" = 1'-0"

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CITY OF PRAIRIE DU CHIEN
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705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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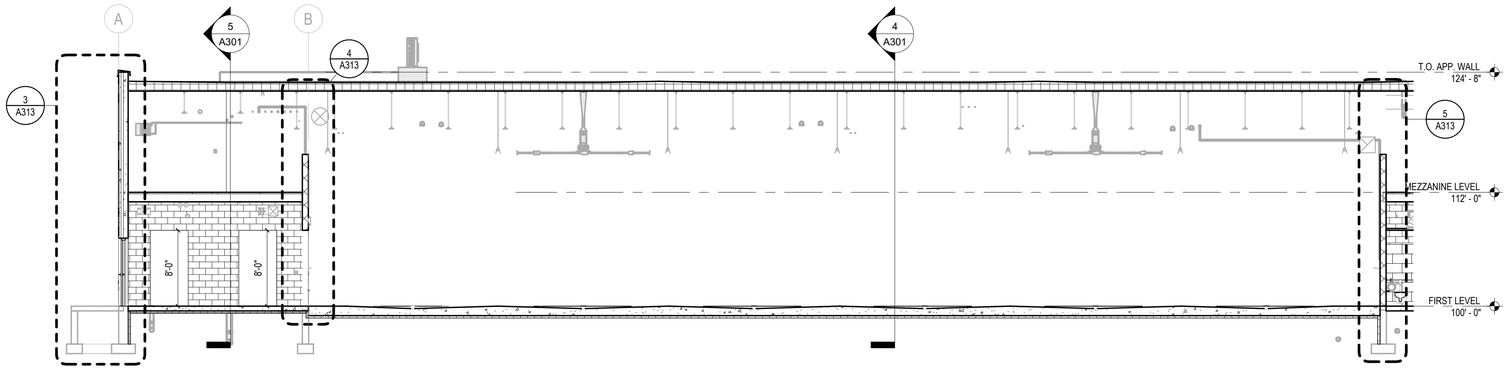
Project Status	**Issue Date**
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REVISION SCHEDULE

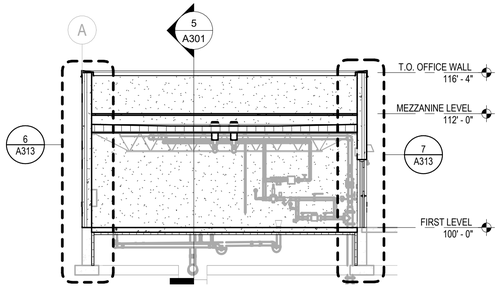
REV. #	DESCRIPTION	DATE

BUILDING SECTIONS

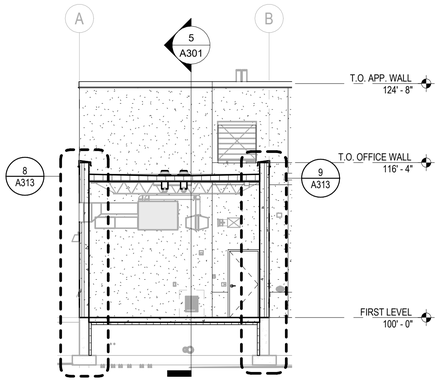
A302



1 A303 BUILDING SECTION
1/8" = 1'-0"



2 A303 BUILDING SECTION
1/8" = 1'-0"



3 A303 BUILDING SECTION
1/8" = 1'-0"

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE

2/5/2026 8:36:37 AM

SEH

Project Owner

CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY

705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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SEH Project	PDCAR 177629
Checked By	Checked By
Drawn By	Drawn By

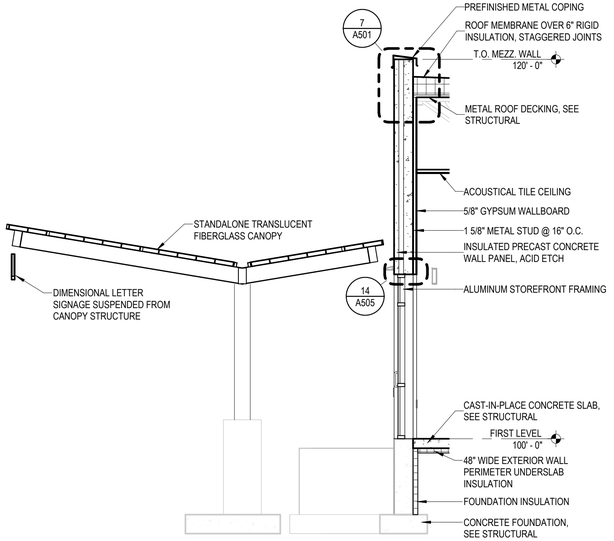
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

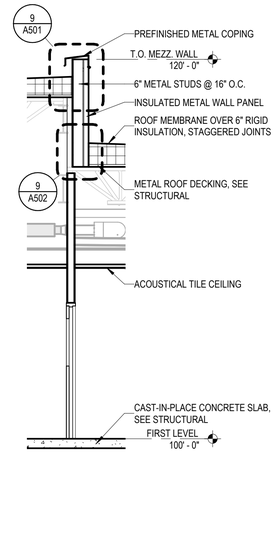
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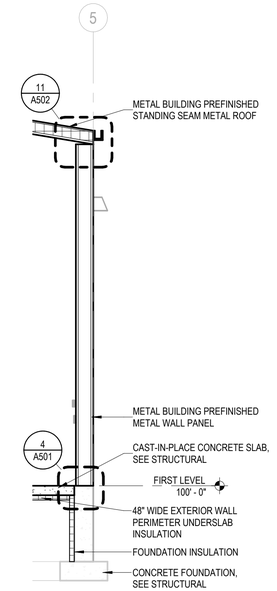
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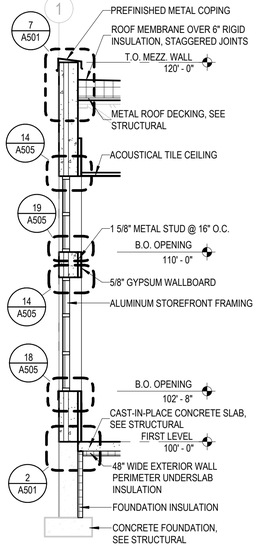
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1/4" = 1'-0"



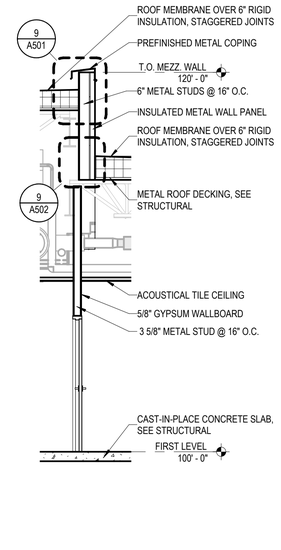
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1/4" = 1'-0"



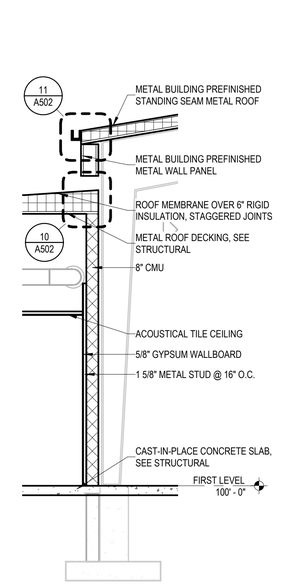
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1/4" = 1'-0"



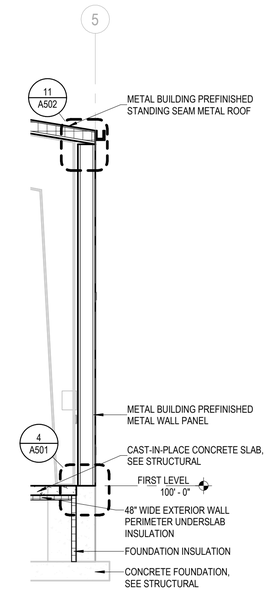
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1/4" = 1'-0"



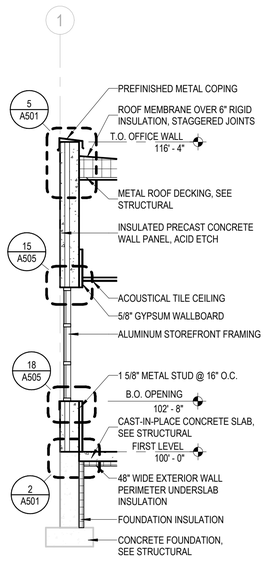
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1/4" = 1'-0"



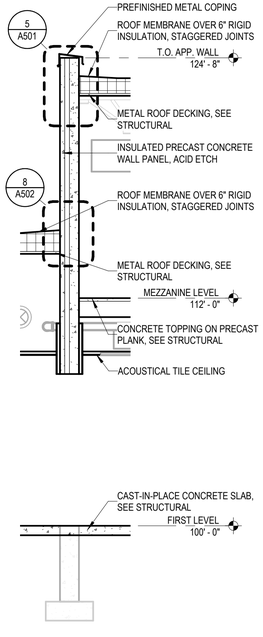
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1/4" = 1'-0"



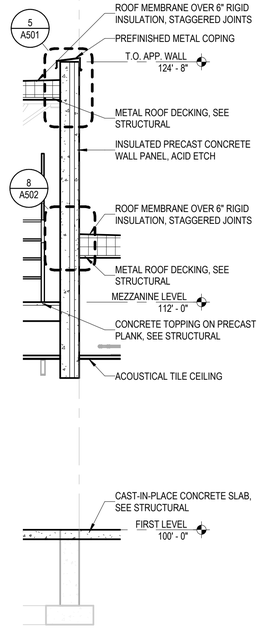
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1/4" = 1'-0"



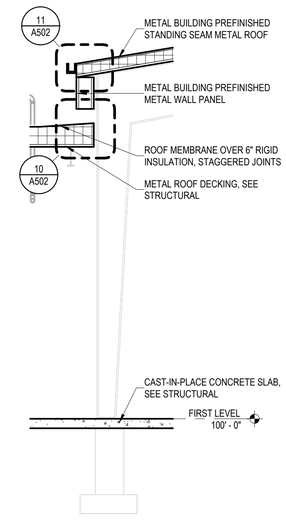
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1/4" = 1'-0"



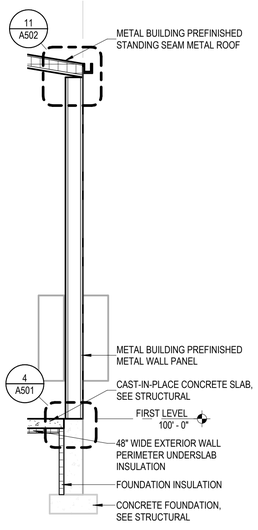
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1/4" = 1'-0"



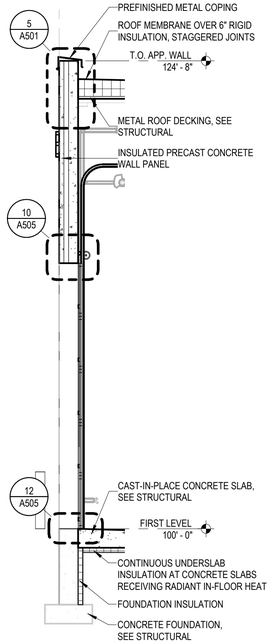
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1/4" = 1'-0"



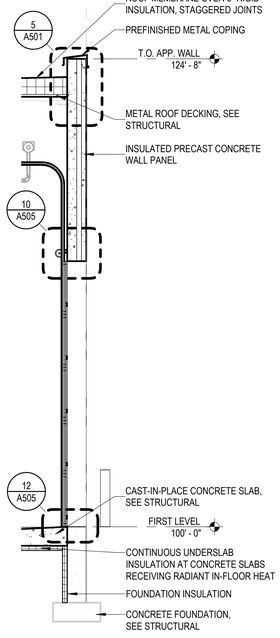
14 A311 WALL SECTION
1/4" = 1'-0"



11 A311 WALL SECTION
1/4" = 1'-0"



12 A311 WALL SECTION
1/4" = 1'-0"



13 A311 WALL SECTION
1/4" = 1'-0"

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CITY OF PRAIRIE DU CHIEN
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PRAIRIE DU CHIEN, WI

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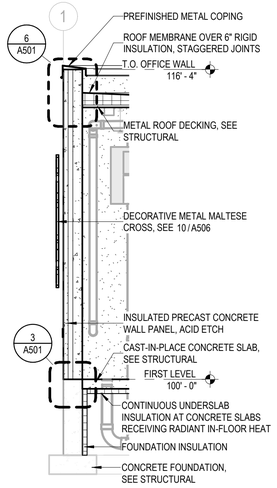
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

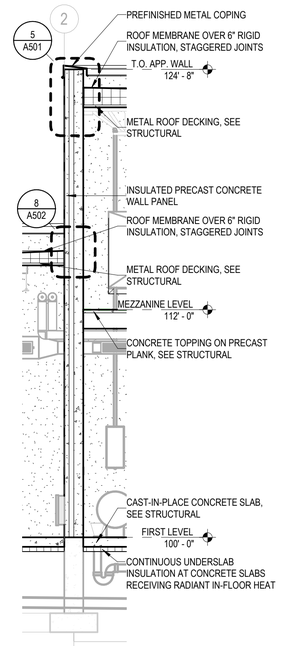
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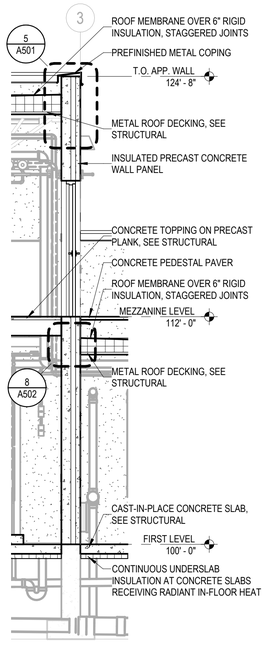
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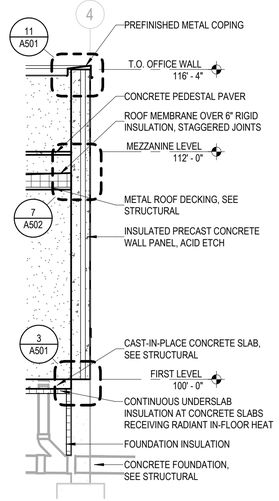
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1/4" = 1'-0"



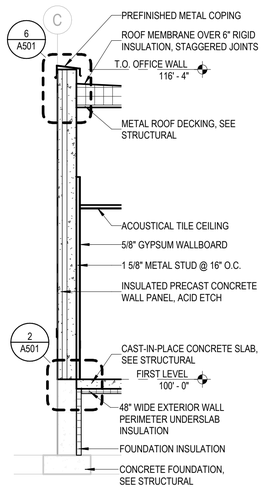
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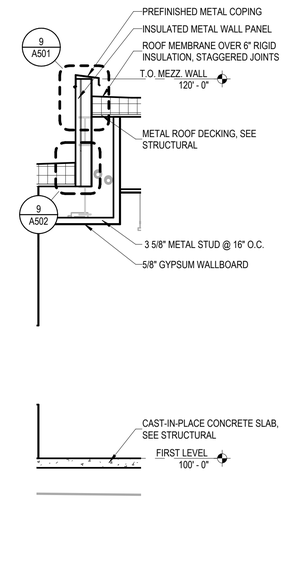
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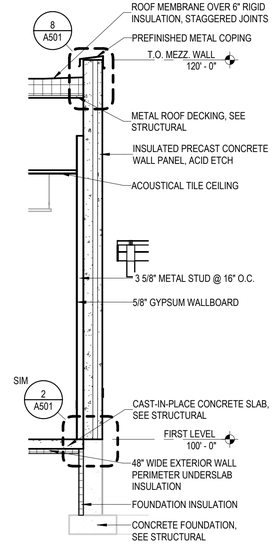
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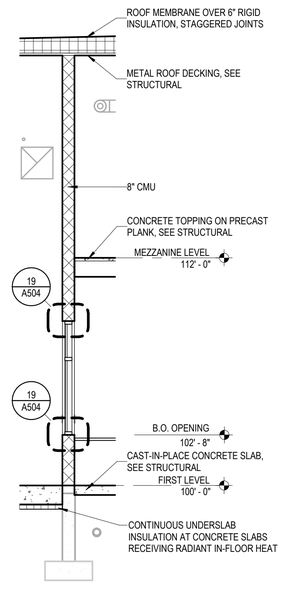
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1/4" = 1'-0"



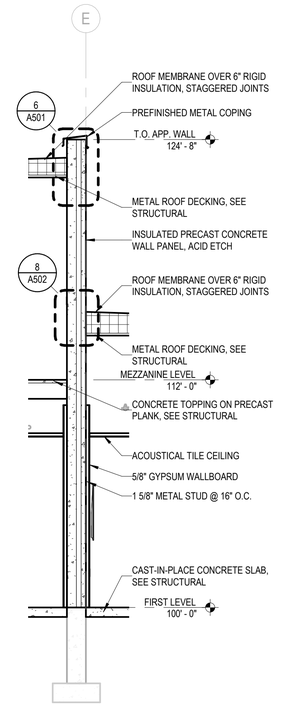
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1/4" = 1'-0"



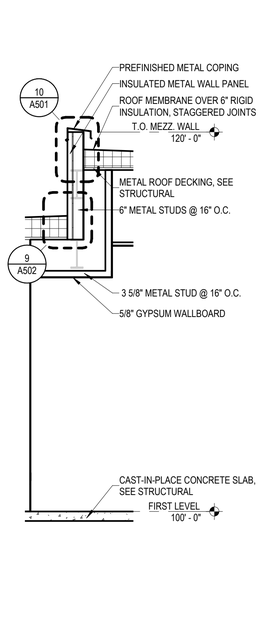
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1/4" = 1'-0"



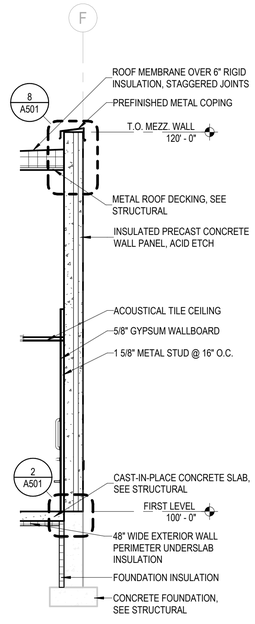
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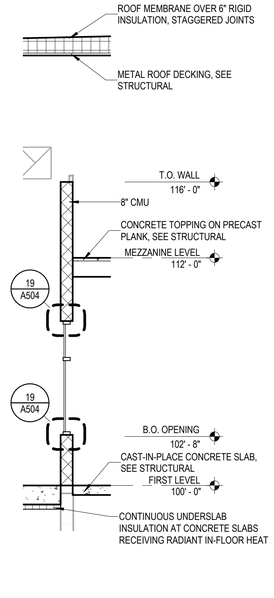
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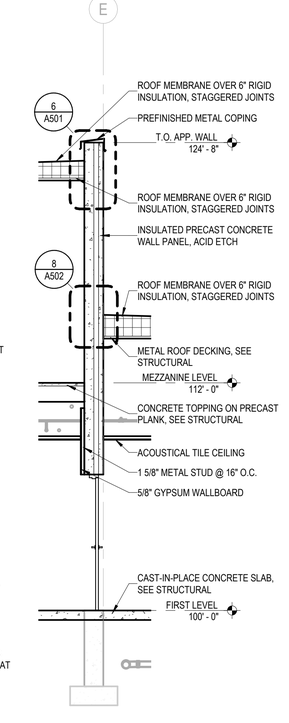
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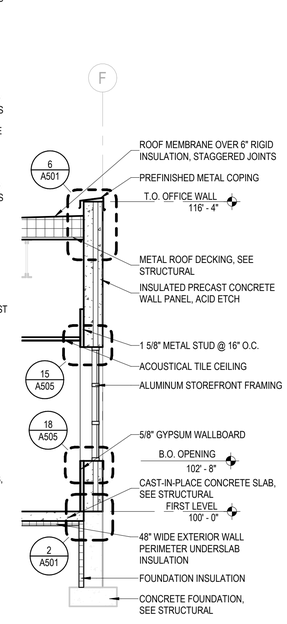
11 A312 WALL SECTION
1/4" = 1'-0"



12 A312 WALL SECTION
1/4" = 1'-0"



13 A312 WALL SECTION
1/4" = 1'-0"



14 A312 WALL SECTION
1/4" = 1'-0"

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PRAIRIE DU CHIEN, WI

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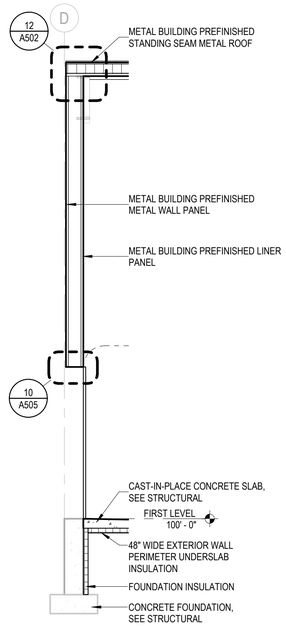
SEH Project	PDCAR 177629
Checked By	Checked By
Drawn By	Drawn By
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

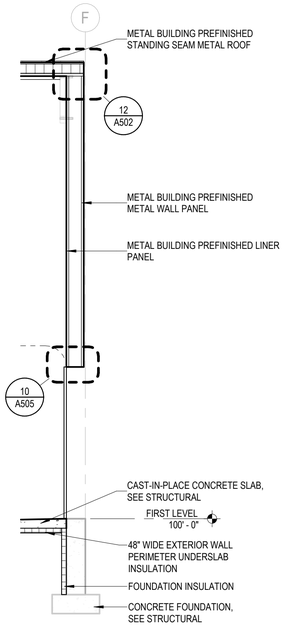
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WALL SECTIONS

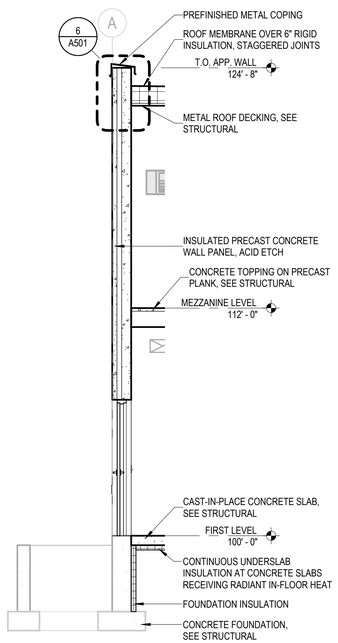
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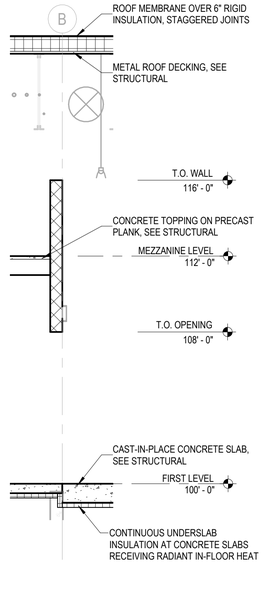
1 A313 **WALL SECTION** 1/4" = 1'-0"



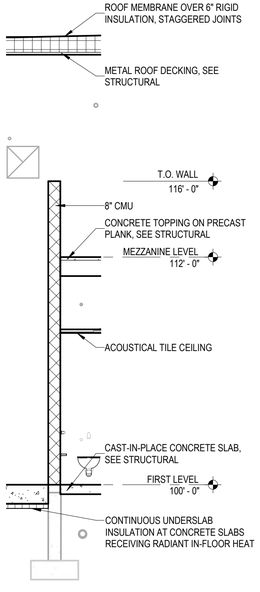
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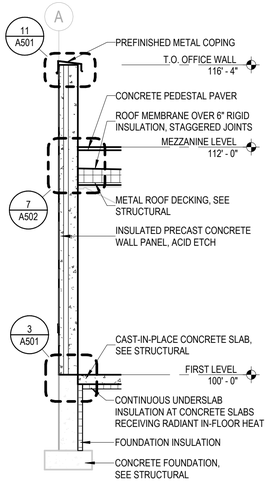
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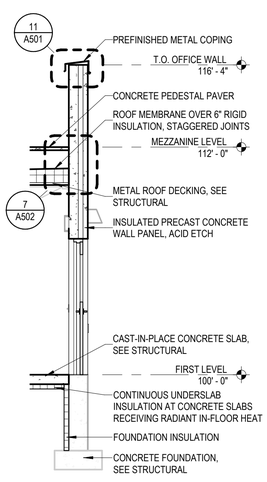
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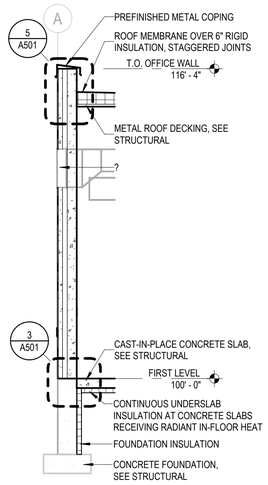
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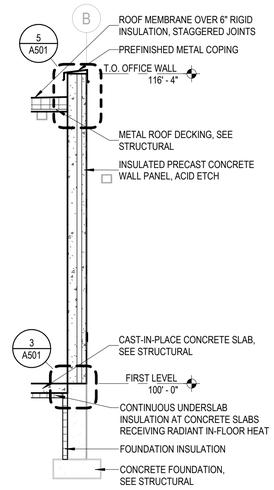
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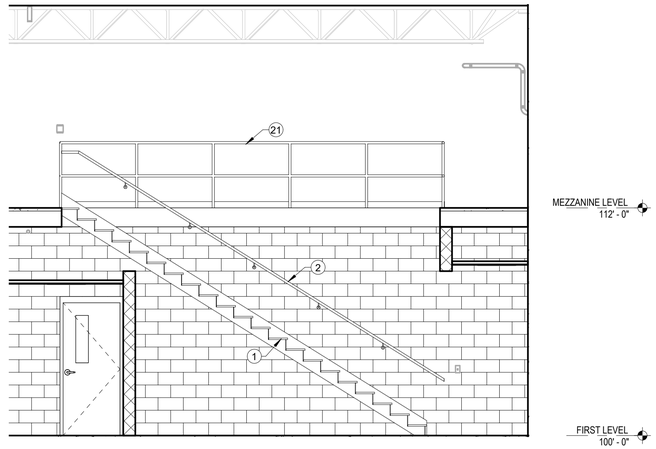
7 A313 **WALL SECTION** 1/4" = 1'-0"



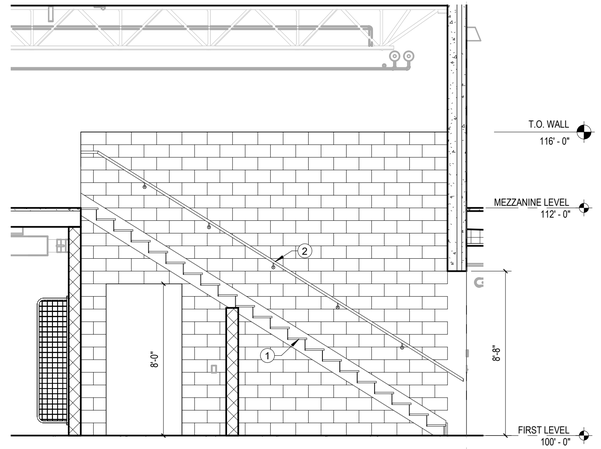
8 A313 **WALL SECTION** 1/4" = 1'-0"



9 A313 **WALL SECTION** 1/4" = 1'-0"



10 A313 **STAIR SECTION** 1/4" = 1'-0"



11 A313 **STAIR SECTION** 1/4" = 1'-0"

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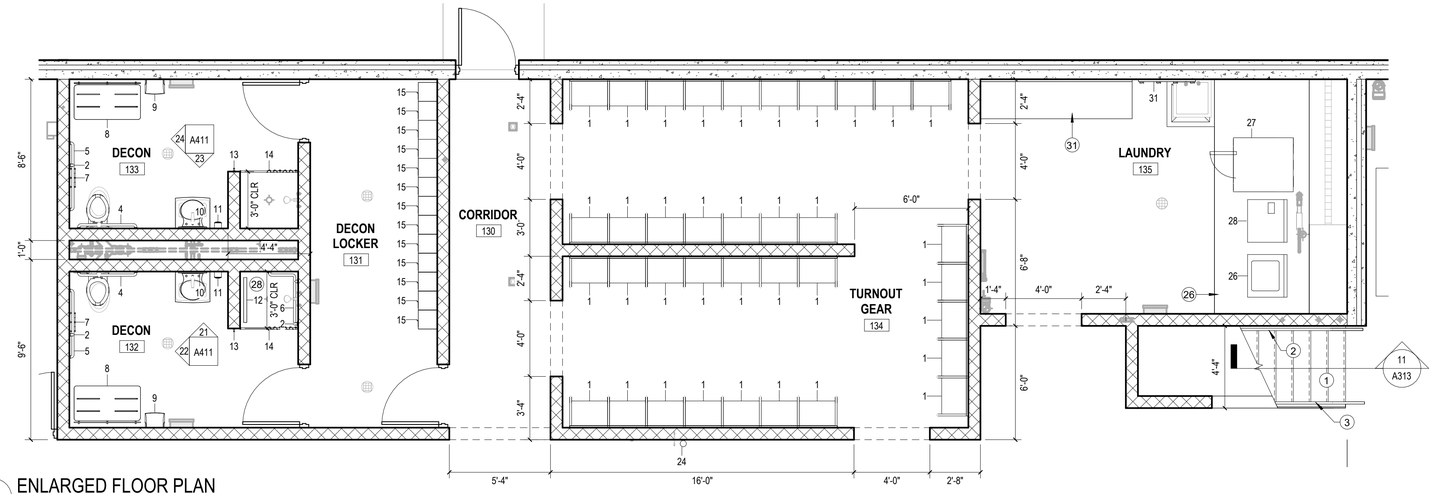
SEH Project	PDCAR 177629
Checked By	Checked By
Drawn By	Drawn By
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

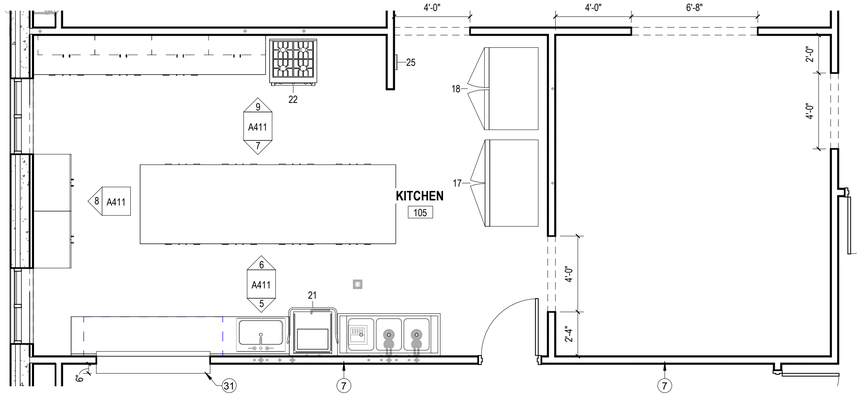
WALL SECTIONS

A313



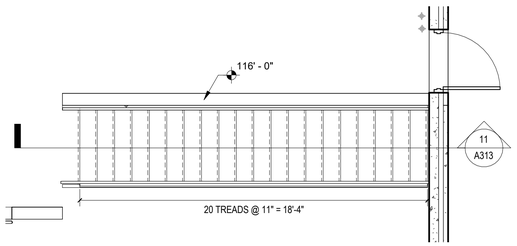
4 / A401 ENLARGED FLOOR PLAN

1/4" = 1'-0"



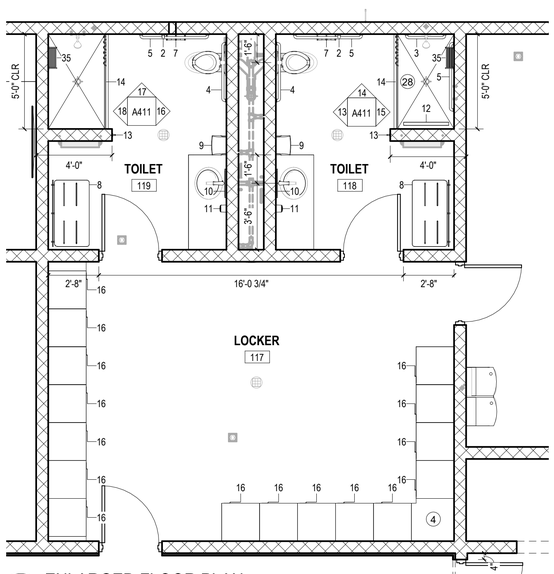
2 / A401 ENLARGED FLOOR PLAN

1/4" = 1'-0"



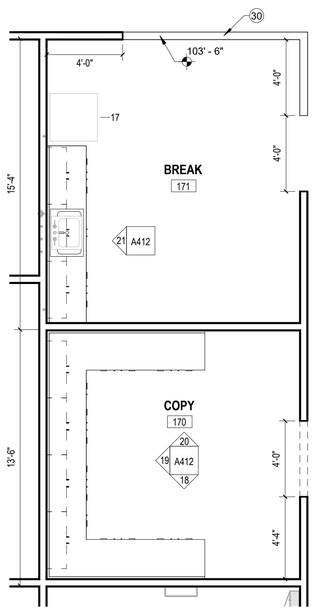
5 / A401 ENLARGED FLOOR PLAN

1/4" = 1'-0"



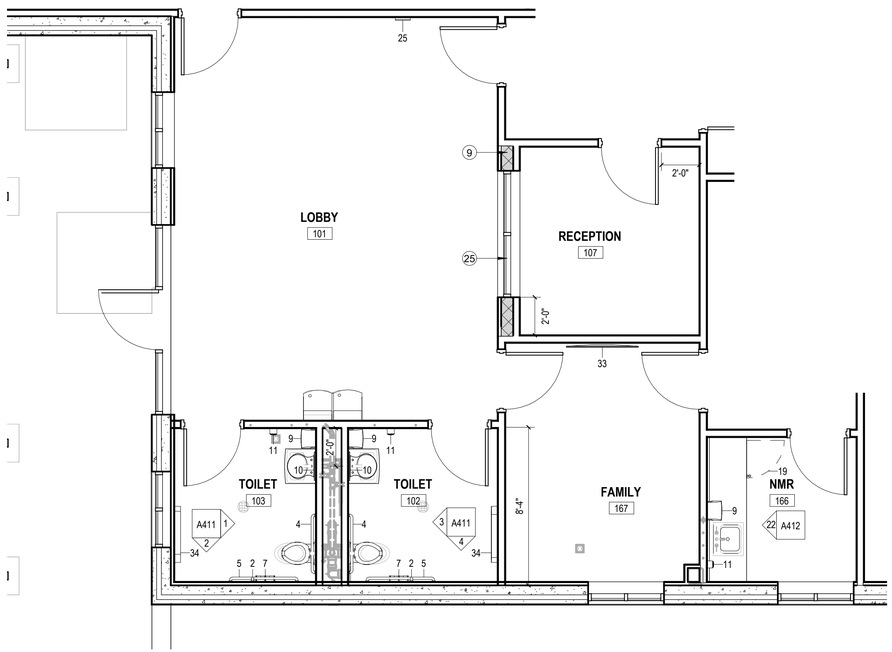
3 / A401 ENLARGED FLOOR PLAN

1/4" = 1'-0"



6 / A401 ENLARGED FLOOR PLAN

1/4" = 1'-0"



1 / A401 ENLARGED FLOOR PLAN

1/4" = 1'-0"

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/5/2026 8:36:57 AM

CONSTRUCTION KEYNOTE LEGEND

1. CONCRETE FILLED METAL PAN STAIR
2. STEEL PIPE HANDRAIL, MOUNTED TO WALL
3. STEEL PIPE HANDRAIL, MOUNTED TO GUARDRAIL
4. LOCKER CORNER CONDITIONS TO HAVE FILLER CAP, TYP.
5. TILE SHOWER, SEE 9 / A506 FOR THRESHOLD DETAIL
6. SOLID SURFACE COUNTERTOP W/ 4 GROMMETS, VERIFY GROMMET LOCATIONS W/ OWNER
7. PROVIDE BLOCKING IN THIS WALL, 4 STUD CAVITIES W/ (2) 8" TALL BLOCKS EACH. VERIFY LOCATIONS W/ OWNER
8. RADIANT IN-FLOOR HEAT MANIFOLD COVER, SEE 7 / A503
9. FILL CMU CORES W/ SAND, FULL HEIGHT OF WALL
10. WALL MOUNTED STEEL SHIPS LADDER, SEE 1 / A503
11. ROOF HATCH, LOCATE BETWEEN STEEL JOISTS
12. REMOVABLE RAILING, SEE 4 / A503 FOR DETAIL
13. PRESSED CONCRETE ROOF PAVERS
14. METAL COAT ROD MOUNTED AT 5'-0" A.F.F., FULL WIDTH
15. ROOF WALKWAY PADS, TYPICAL
16. HOSE WASHER - N.I.C.
17. HOSE DRYER - N.I.C.
18. FURNITURE - N.I.C.
19. PIPE BOLLARD, SEE STRUCTURAL FOR DETAIL
20. MOBILE HOSE STORAGE RACK - N.I.C.
21. STEEL PIPE GUARDRAIL, SEE 5 / A503
22. 48" HIGH MIRROR ALONG ENTIRE WALL MOUNTED @ 36" A.F.F.
23. DECORATIVE METAL MALTESE CROSS, SEE 10 / A506
24. EVIDENCE LOCKER, BASIS OF DESIGN: SPACESAVER CORP., (1) LOCKER STANDARD CONFIGURATION 33 W/ MAIL SLOT, (1) LOCKER STANDARD CONFIGURATION 15 W/ REFRIGERATOR BOTTOM UNIT
25. TRANSACTION WINDOW, SEE 18 / A504
26. EQUIPMENT PAD, SEE STRUCTURAL FOR DETAILS
27. CHAIN LINK FENCING
28. INSTALL GRAB BARS IN SHOWERS WITH TOP OF GRIPPING SURFACE AT 34" A.F.F.
29. PROVIDE 24"x48" SECURE ACCESS PANEL IN THIS ROOM
30. HALF HEIGHT WALL, SEE 8 / A504
31. STAINLESS STEEL COUNTERTOP W/ BACKSPLASH & MARINE EDGE
32. WALL MOUNTED TRANSLUCENT FIBERGLASS CANOPY, SEE 4 / A502
33. STANDALONE TRANSLUCENT FIBERGLASS CANOPY

SPECIALTIES SCHEDULE

KEYNOTE	SPECIALTIES DESCRIPTION
1	TURNOUT GEAR LOCKER
2	18" GRAB BAR (VERTICAL)
3	24" GRAB BAR (HORIZONTAL)
4	36" GRAB BAR (HORIZONTAL)
5	42" GRAB BAR (HORIZONTAL)
6	TWO-WALL GRAB BAR (HORIZONTAL)
7	TOILET TISSUE DISPENSER (O.F. / C.I.)
8	ADA BENCH (FREE STANDING)
9	PAPER TOWEL DISPENSER (O.F. / C.I.)
10	MIRROR
11	WALL MOUNTED SOAP DISPENSER (O.F. / C.I.)
12	FOLDING SHOWER SEAT (CONFIRM MOUNTING PRIOR TO INSTALLATION)
13	ROBE HOOK
14	SHOWER CURTAIN AND ROD
15	CORRIDOR & DECON LOCKER (12" WIDE)
16	METAL LOCKER ROOM LOCKER (24" WIDE)
17	REFRIGERATOR (N.I.C.)
18	FREEZER (N.I.C.)
19	UNDERCOUNTER REFRIGERATOR (N.I.C.)
20	FUME HOOD - MOTT 7224040-S2 OR APPROVED EQUAL
21	DISHWASHER (N.I.C.)
22	GAS RANGE (O.F. / C.I.)
24	WALL MOUNTED FIRE EXTINGUISHER, VERIFY LOCATION W/ OWNER
25	FIRE EXTINGUISHER CABINET, VERIFY LOCATION W/ OWNER
26	RESIDENTIAL WASHER (N.I.C.)
27	COMMERCIAL EXTRACTOR (N.I.C.)
28	COMMERCIAL DRYER (N.I.C.)
29	42" DETENTION GRAB BAR (HORIZONTAL)
30	STACKED WASHER & DRYER (N.I.C.)
31	MOP & BROOM HOLDER
32	SHELF
33	MONITOR (N.I.C.) - CONTRACTOR TO PROVIDE BACKING, VERIFY HEIGHT W/ OWNER
34	DIAPER-CHANGING STATION
35	TOILETRIES SHELF
36	METAL DUTY WEAR LOCKER (24" WIDE)
37	METAL SQUAD BAG LOCKER (24" WIDE)
38	METAL WEAPONS LOCKER (36" WIDE)
39	DUMPSTER ENCLOSURE

SEH

Project Owner

CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY
705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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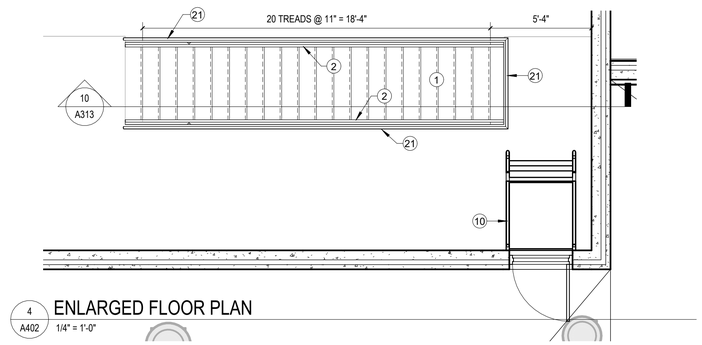
SEH Project	PDCAR 177629
Checked By	Checked By
Drawn By	Drawn By
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

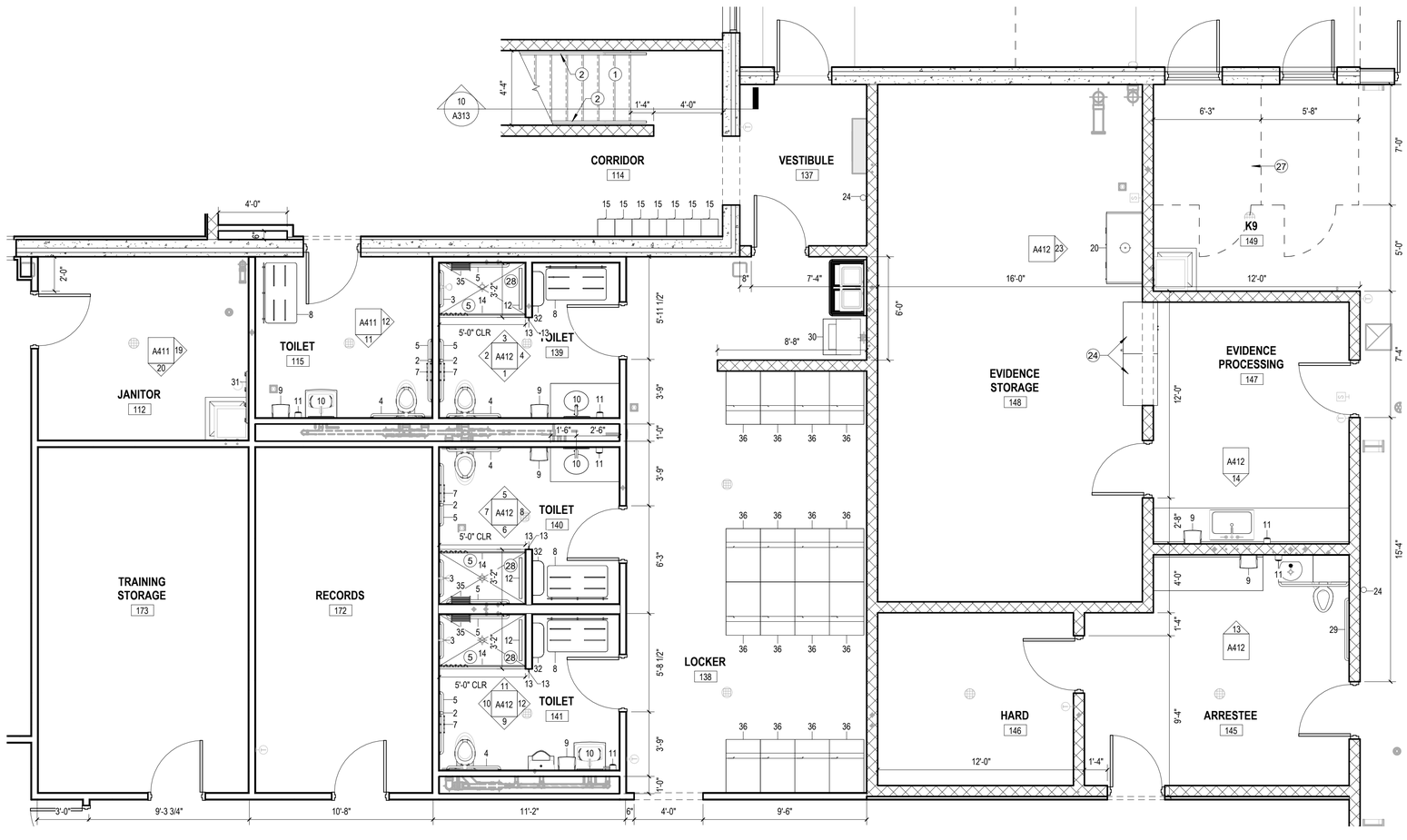
REV. #	DESCRIPTION	DATE

ENLARGED FLOOR PLANS

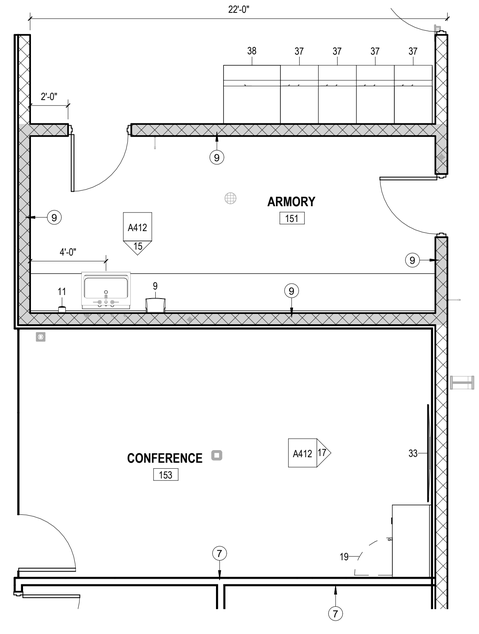
A401



4 A402 ENLARGED FLOOR PLAN
1/4" = 1'-0"



1 A402 ENLARGED FLOOR PLAN
1/4" = 1'-0"



2 A402 ENLARGED FLOOR PLAN
1/4" = 1'-0"

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/5/2026 8:37:01 AM

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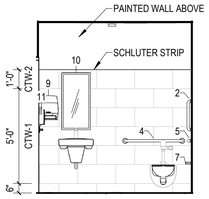
SEH Project	PDCAR 177629
Checked By	Checked By
Drawn By	Drawn By
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

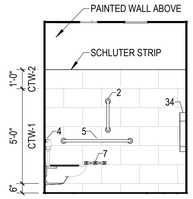
REV. #	DESCRIPTION	DATE

ENLARGED FLOOR PLANS

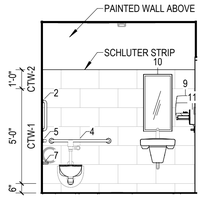
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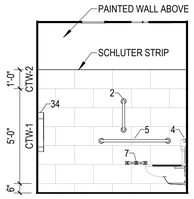
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1/4" = 1'-0"



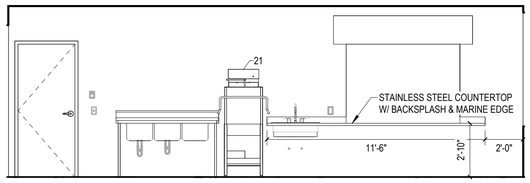
2 A411 TOILET
1/4" = 1'-0"



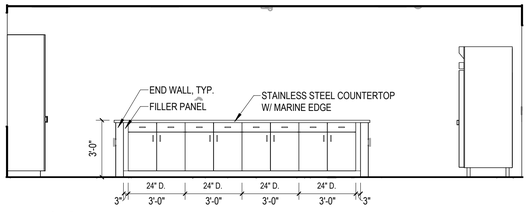
3 A411 TOILET
1/4" = 1'-0"



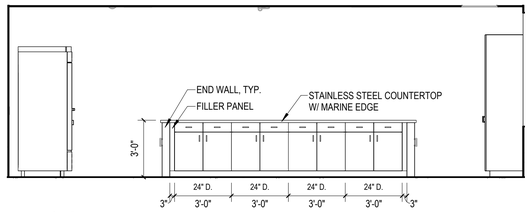
4 A411 TOILET
1/4" = 1'-0"



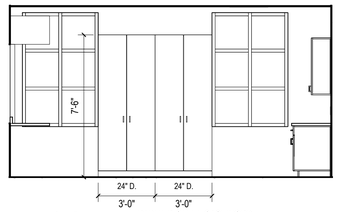
5 A411 KITCHEN
1/4" = 1'-0"



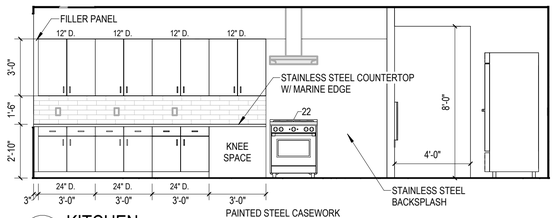
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1/4" = 1'-0"



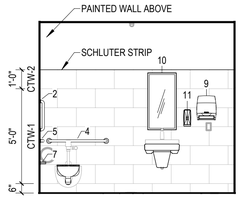
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1/4" = 1'-0"



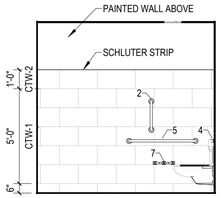
8 A411 KITCHEN
1/4" = 1'-0"



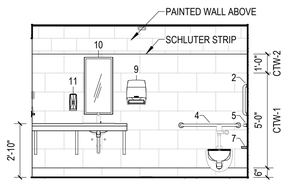
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1/4" = 1'-0"



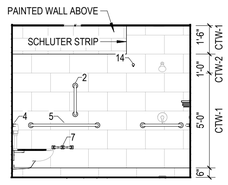
11 A411 TOILET
1/4" = 1'-0"



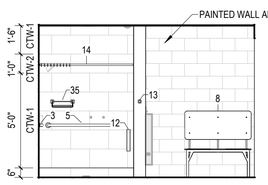
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1/4" = 1'-0"



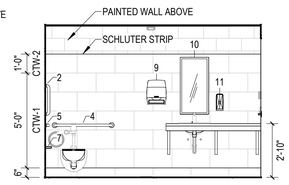
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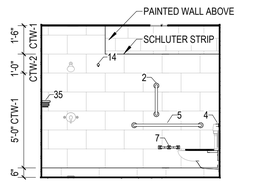
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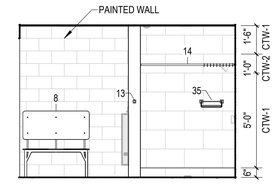
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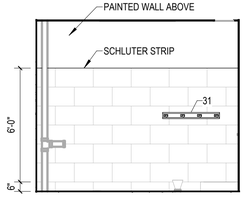
16 A411 TOILET
1/4" = 1'-0"



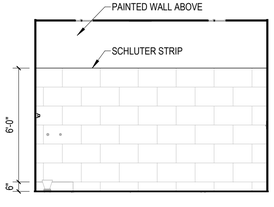
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1/4" = 1'-0"



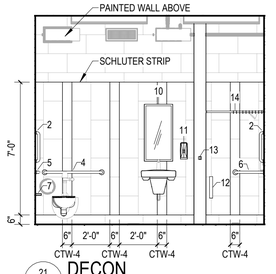
18 A411 TOILET
1/4" = 1'-0"



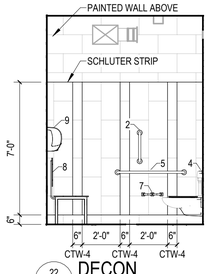
19 A411 JANITOR
1/4" = 1'-0"



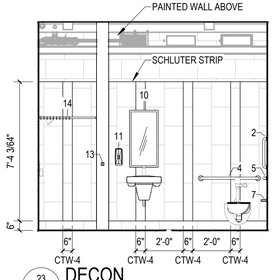
20 A411 JANITOR
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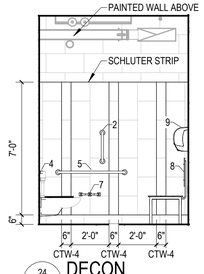
21 A411 DECON
1/4" = 1'-0"



22 A411 DECON
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23 A411 DECON
1/4" = 1'-0"



24 A411 DECON
1/4" = 1'-0"

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5. TILE SHOWER, SEE 9 / A506 FOR THRESHOLD DETAIL
6. SOLID SURFACE COUNTERTOP W/ 4 GROMMETS, VERIFY GROMMET LOCATIONS W/ OWNER
7. PROVIDE BLOCKING IN THIS WALL, 4 STUD CAVITIES W/ (2) 8" TALL BLOCKS EACH. VERIFY LOCATIONS W/ OWNER
8. RADIANT IN-FLOOR HEAT MANIFOLD COVER, SEE 7 / A503
9. FILL CMU CORES W/ SAND, FULL HEIGHT OF WALL
10. WALL MOUNTED STEEL SHIPS LADDER, SEE 1 / A503
11. ROOF HATCH, LOCATE BETWEEN STEEL JOISTS
12. REMOVABLE RAILING, SEE 4 / A503 FOR DETAIL
13. PRESSED CONCRETE ROOF PAVERS
14. METAL COAT ROD MOUNTED AT 5'-0" A.F.F., FULL WIDTH
15. ROOF WALKWAY PADS, TYPICAL
16. HOSE WASHER - N.I.C.
17. HOSE DRYER - N.I.C.
18. FURNITURE - N.I.C.
19. PIPE BOLLARD, SEE STRUCTURAL FOR DETAIL
20. MOBILE HOSE STORAGE RACK - N.I.C.
21. STEEL PIPE GUARDRAIL, SEE 5 / A503
22. 48" HIGH MIRROR ALONG ENTIRE WALL MOUNTED @ 36" A.F.F.
23. DECORATIVE METAL MALTESE CROSS, SEE 10 / A506
24. EVIDENCE LOCKER, BASIS OF DESIGN: SPACESAVER CORP., (1) LOCKER STANDARD CONFIGURATION 33 W/ MAIL SLOT, (1) LOCKER STANDARD CONFIGURATION 15 W/ REFRIGERATOR BOTTOM UNIT
25. TRANSACTION WINDOW, SEE 18 / A504
26. EQUIPMENT PAD, SEE STRUCTURAL FOR DETAILS
27. CHAIN LINK FENCING
28. INSTALL GRAB BARS IN SHOWERS WITH TOP OF GRIPPING SURFACE AT 34" A.F.F.
29. PROVIDE 24"x48" SECURE ACCESS PANEL IN THIS ROOM
30. HALF HEIGHT WALL, SEE 8 / A504
31. STAINLESS STEEL COUNTERTOP W/ BACKSPLASH & MARINE EDGE
32. WALL MOUNTED TRANSLUCENT FIBERGLASS CANOPY, SEE 4 / A502
33. STANDALONE TRANSLUCENT FIBERGLASS CANOPY

SPECIALTIES SCHEDULE

KEYNOTE	SPECIALTIES DESCRIPTION
1	TURNOUT GEAR LOCKER
2	18" GRAB BAR (VERTICAL)
3	24" GRAB BAR (HORIZONTAL)
4	36" GRAB BAR (HORIZONTAL)
5	42" GRAB BAR (HORIZONTAL)
6	TWO-WALL GRAB BAR (HORIZONTAL)
7	TOILET TISSUE DISPENSER (O.F. / C.I.)
8	ADA BENCH (FREE STANDING)
9	PAPER TOWEL DISPENSER (O.F. / C.I.)
10	MIRROR
11	WALL MOUNTED SOAP DISPENSER (O.F. / C.I.)
12	FOLDING SHOWER SEAT (CONFIRM MOUNTING PRIOR TO INSTALLATION)
13	ROBE HOOK
14	SHOWER CURTAIN AND ROD
15	CORRIDOR & DECON LOCKER (12" WIDE)
16	METAL LOCKER ROOM LOCKER (24" WIDE)
17	REFRIGERATOR (N.I.C.)
18	FREEZER (N.I.C.)
19	UNDERCOUNTER REFRIGERATOR (N.I.C.)
20	FUME HOOD - MOTT 7224040-S2 OR APPROVED EQUAL
21	DISHWASHER (N.I.C.)
22	GAS RANGE (O.F. / C.I.)
24	WALL MOUNTED FIRE EXTINGUISHER, VERIFY LOCATION W/ OWNER
25	FIRE EXTINGUISHER CABINET, VERIFY LOCATION W/ OWNER
26	RESIDENTIAL WASHER (N.I.C.)
27	COMMERCIAL EXTRACTOR (N.I.C.)
28	COMMERCIAL DRYER (N.I.C.)
29	42" DETENTION GRAB BAR (HORIZONTAL)
30	STACKED WASHER & DRYER (N.I.C.)
31	MOP & BROOM HOLDER
32	SHELF
33	MONITOR (N.I.C.) - CONTRACTOR TO PROVIDE BACKING, VERIFY HEIGHT W/ OWNER
34	DIAPER-CHANGING STATION
35	TOILETRIES SHELF
36	METAL DUTY WEAR LOCKER (24" WIDE)
37	METAL SQUAD BAG LOCKER (24" WIDE)
38	METAL WEAPONS LOCKER (36" WIDE)
39	DUMPSTER ENCLOSURE

SEH

Project Owner

CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY

705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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Checked By	Checked By
Drawn By	Drawn By
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

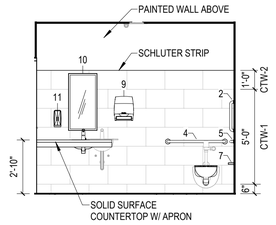
REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

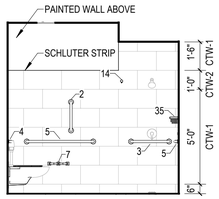
INTERIOR ELEVATIONS

A411

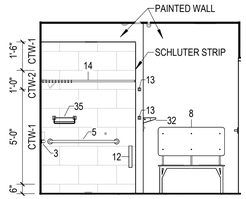
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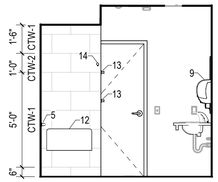
1 A412 TOILET 1/4" = 1'-0"



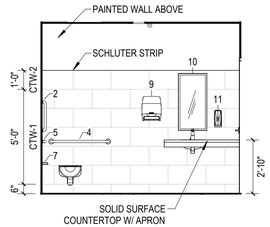
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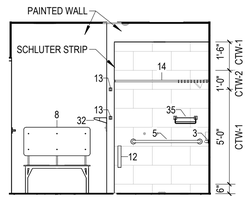
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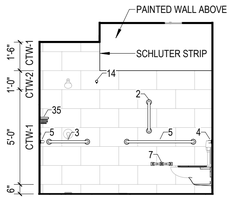
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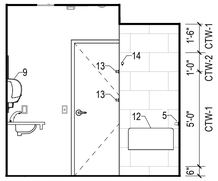
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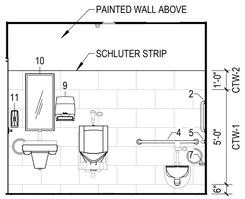
6 A412 TOILET 1/4" = 1'-0"



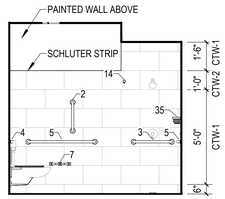
7 A412 TOILET 1/4" = 1'-0"



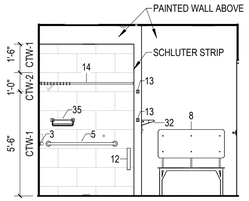
8 A412 Elevation 4 - b 1/4" = 1'-0"



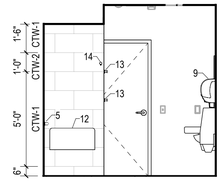
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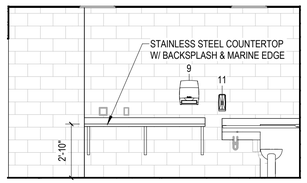
10 A412 TOILET 1/4" = 1'-0"



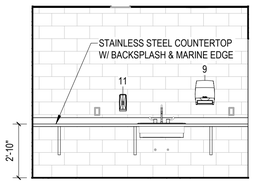
11 A412 TOILET 1/4" = 1'-0"



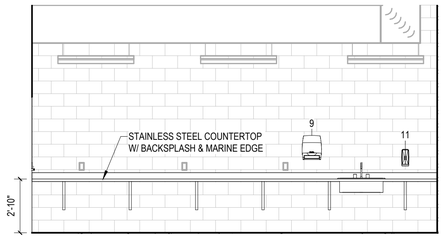
12 A412 3 - c 1/4" = 1'-0"



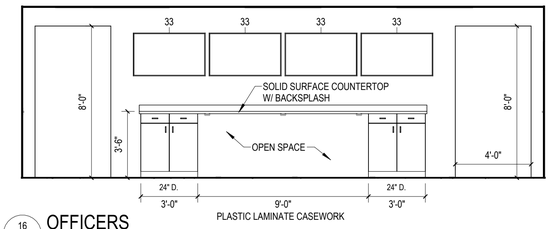
13 A412 ARRESTEE 1/4" = 1'-0"



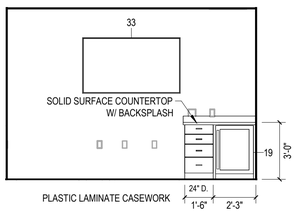
14 A412 EVIDENCE PROCESSING 1/4" = 1'-0"



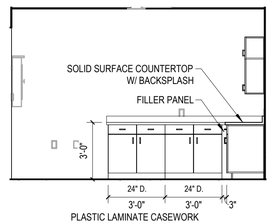
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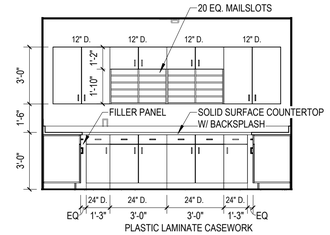
16 A412 OFFICERS 1/4" = 1'-0"



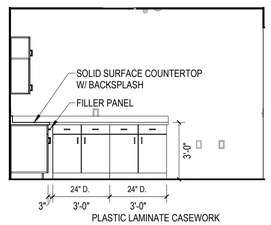
17 A412 CONFERENCE 1/4" = 1'-0"



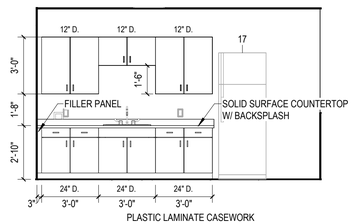
18 A412 COPY 1/4" = 1'-0"



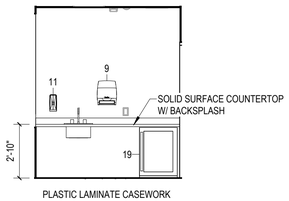
19 A412 COPY 1/4" = 1'-0"



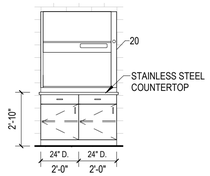
20 A412 COPY 1/4" = 1'-0"



21 A412 BREAK 1/4" = 1'-0"



22 A412 NMR 1/4" = 1'-0"



23 A412 EVIDENCE STORAGE 1/4" = 1'-0"

SPECIALTIES SCHEDULE	
KEYNOTE	SPECIALTIES DESCRIPTION
1	TURNOUT GEAR LOCKER
2	18" GRAB BAR (VERTICAL)
3	24" GRAB BAR (HORIZONTAL)
4	36" GRAB BAR (HORIZONTAL)
5	42" GRAB BAR (HORIZONTAL)
6	TWO-WALL GRAB BAR (HORIZONTAL)
7	TOILET TISSUE DISPENSER (O.F. / C.I.)
8	ADA BENCH (FREE STANDING)
9	PAPER TOWEL DISPENSER (O.F. / C.I.)
10	MIRROR
11	WALL MOUNTED SOAP DISPENSER (O.F. / C.I.)
12	FOLDING SHOWER SEAT (CONFIRM MOUNTING PRIOR TO INSTALLATION)
13	ROBE HOOK
14	SHOWER CURTAIN AND ROD
15	CORRIDOR & DECON LOCKER (12" WIDE)
16	METAL LOCKER ROOM LOCKER (24" WIDE)
17	REFRIGERATOR (N.I.C.)
18	FREEZER (N.I.C.)
19	UNDERCOUNTER REFRIGERATOR (N.I.C.)
20	FUME HOOD - MOTT 7224040-S2 OR APPROVED EQUAL
21	DISHWASHER (N.I.C.)
22	GAS RANGE (O.F. / C.I.)
24	WALL MOUNTED FIRE EXTINGUISHER, VERIFY LOCATION W/ OWNER
25	FIRE EXTINGUISHER CABINET, VERIFY LOCATION W/ OWNER
26	RESIDENTIAL WASHER (N.I.C.)
27	COMMERCIAL EXTRACTOR (N.I.C.)
28	COMMERCIAL DRYER (N.I.C.)
29	42" DETENTION GRAB BAR (HORIZONTAL)
30	STACKED WASHER & DRYER (N.I.C.)
31	MOP & BROOM HOLDER
32	SHELF
33	MONITOR (N.I.C.) - CONTRACTOR TO PROVIDE BACKING, VERIFY HEIGHT W/ OWNER
34	DIAPER-CHANGING STATION
35	TOILETRIES SHELF
36	METAL DUTY WEAR LOCKER (24" WIDE)
37	METAL SQUAD BAG LOCKER (24" WIDE)
38	METAL WEAPONS LOCKER (36" WIDE)
39	DUMPSTER ENCLOSURE

CONSTRUCTION KEYNOTE LEGEND	
1	CONCRETE FILLED METAL PAN STAIR
2	STEEL PIPE HANDRAIL, MOUNTED TO WALL
3	STEEL PIPE HANDRAIL, MOUNTED TO GUARDRAIL
4	LOCKER CORNER CONDITIONS TO HAVE FILLER CAP, TYP.
5	TILE SHOWER, SEE 9 / A506 FOR THRESHOLD DETAIL
6	SOLID SURFACE COUNTERTOP W/ 4 GROMMETS, VERIFY GROMMET LOCATIONS W/ OWNER
7	PROVIDE BLOCKING IN THIS WALL, 4 STUD CAVITIES W/ (2) 8" TALL BLOCKS EACH. VERIFY LOCATIONS W/ OWNER
8	RADIANT IN-FLOOR HEAT MANIFOLD COVER, SEE 7 / A503
9	FILL CMU CORES W/ SAND, FULL HEIGHT OF WALL
10	WALL MOUNTED STEEL SHIPS LADDER, SEE 1 / A503
11	ROOF HATCH, LOCATE BETWEEN STEEL JOISTS
12	REMOVABLE RAILING, SEE 4 / A503 FOR DETAIL
13	PRESSED CONCRETE ROOF PAVERS
14	METAL COAT ROD MOUNTED AT 5'-0" A.F.F., FULL WIDTH
15	ROOF WALKWAY PADS, TYPICAL
16	HOSE WASHER - N.I.C.
17	HOSE DRYER - N.I.C.
18	FURNITURE - N.I.C.
19	PIPE BOLLARD, SEE STRUCTURAL FOR DETAIL
20	MOBILE HOSE STORAGE RACK - N.I.C.
21	STEEL PIPE GUARDRAIL, SEE 5 / A503
22	48" HIGH MIRROR ALONG ENTIRE WALL MOUNTED @ 36" A.F.F.
23	DECORATIVE METAL MALTESE CROSS, SEE 10 / A506
24	EVIDENCE LOCKER, BASIS OF DESIGN: SPACESAVER CORP., (1) LOCKER STANDARD CONFIGURATION 33 W/ MAIL SLOT, (1) LOCKER STANDARD CONFIGURATION 15 W/ REFRIGERATOR BOTTOM UNIT
25	TRANSACTION WINDOW, SEE 18 / A504
26	EQUIPMENT PAD, SEE STRUCTURAL FOR DETAILS
27	CHAIN LINK FENCING
28	INSTALL GRAB BARS IN SHOWERS WITH TOP OF GRIPPING SURFACE AT 34" A.F.F.
29	PROVIDE 24"x48" SECURE ACCESS PANEL IN THIS ROOM
30	HALF HEIGHT WALL, SEE 8 / A504
31	STAINLESS STEEL COUNTERTOP W/ BACKSPLASH & MARINE EDGE
32	WALL MOUNTED TRANSLUCENT FIBERGLASS CANOPY, SEE 4 / A502
33	STANDALONE TRANSLUCENT FIBERGLASS CANOPY

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/5/2026 8:37:20 AM

SEH

Project Owner

CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY
705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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Checked By	Checked By
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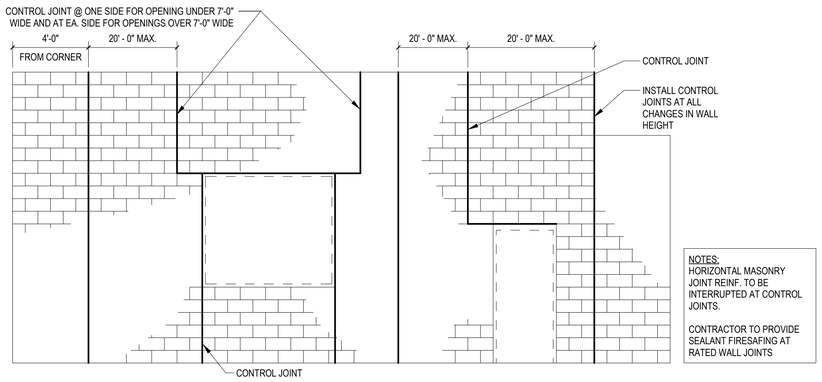
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

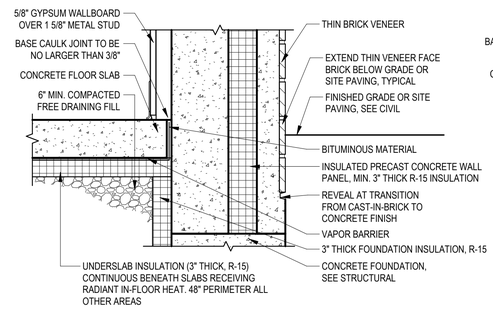
REV. #	DESCRIPTION	DATE

INTERIOR ELEVATIONS

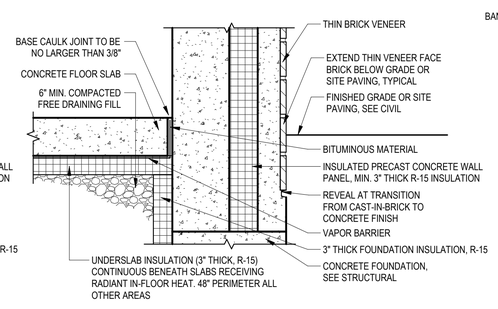
A412



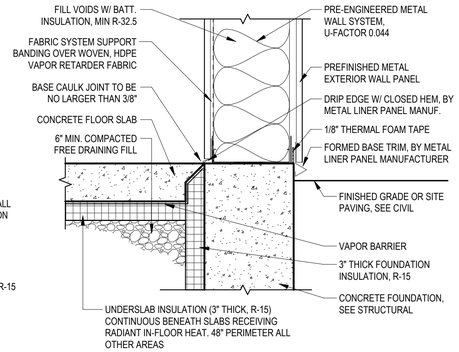
1 A501 — INTERIOR CONTROL JOINTS
1/4" = 1'-0"



2 A501 — BASE OF WALL DETAIL - PRECAST
1 1/2" = 1'-0"



3 A501 — BASE OF WALL DETAIL - PRECAST
1 1/2" = 1'-0"



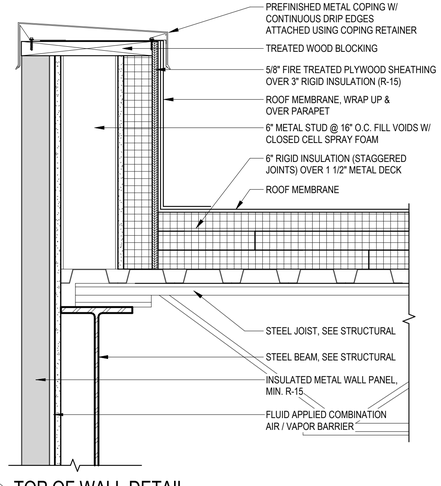
4 A501 — BASE OF WALL DETAIL - PEMB
1 1/2" = 1'-0"

5 A501 — TOP OF WALL DETAIL
1 1/2" = 1'-0"

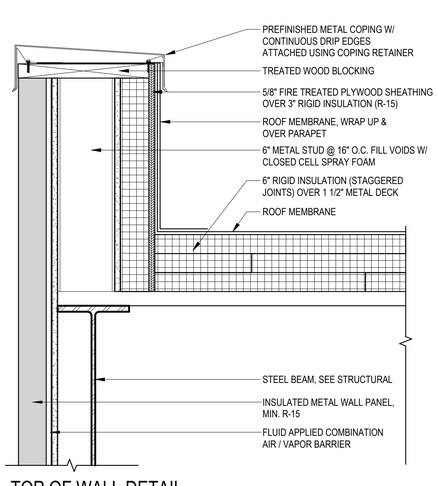
6 A501 — TOP OF WALL DETAIL
1 1/2" = 1'-0"

7 A501 — TOP OF WALL DETAIL
1 1/2" = 1'-0"

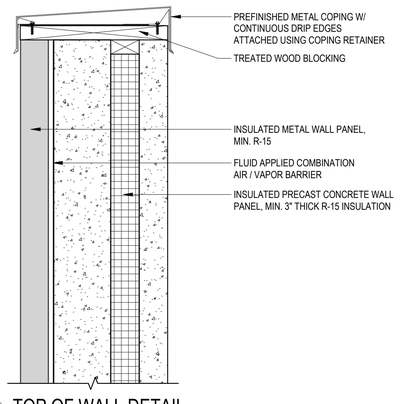
8 A501 — TOP OF WALL DETAIL
1 1/2" = 1'-0"



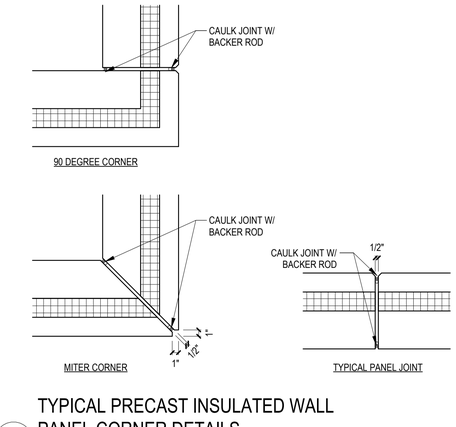
9 A501 — TOP OF WALL DETAIL
1 1/2" = 1'-0"



10 A501 — TOP OF WALL DETAIL
1 1/2" = 1'-0"



11 A501 — TOP OF WALL DETAIL
1 1/2" = 1'-0"



12 A501 — TYPICAL PRECAST INSULATED WALL PANEL CORNER DETAILS
1" = 1'-0"

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/5/2026 8:37:21 AM

SEH

Project Owner

CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY
705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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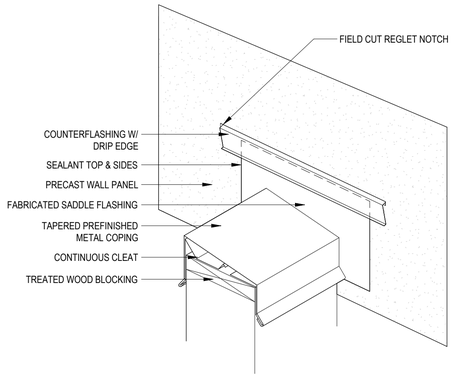
SEH Project	PDCAR 177629
Checked By	Checked By
Drawn By	Drawn By
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

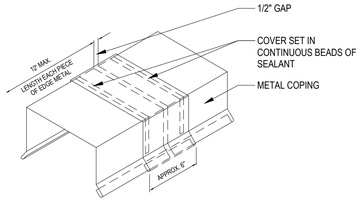
REV. #	DESCRIPTION	DATE

DETAILS

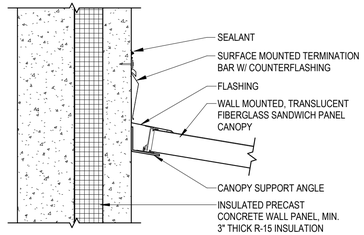
A501



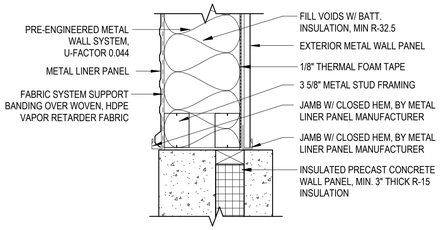
1 A502 COPING FLASHING DETAIL
1 1/2" = 1'-0"



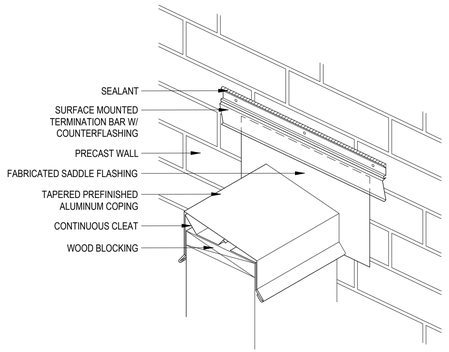
2 A502 COPING LAP DETAIL
1 1/2" = 1'-0"



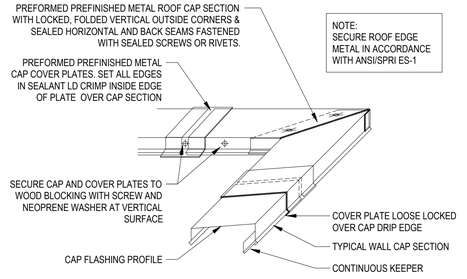
4 A502 CANOPY FLASHING
1 1/2" = 1'-0"



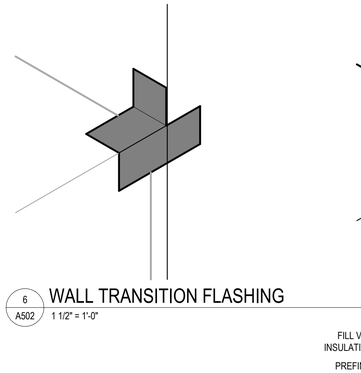
5 A502 WALL TRANSITION DETAIL
1 1/2" = 1'-0"



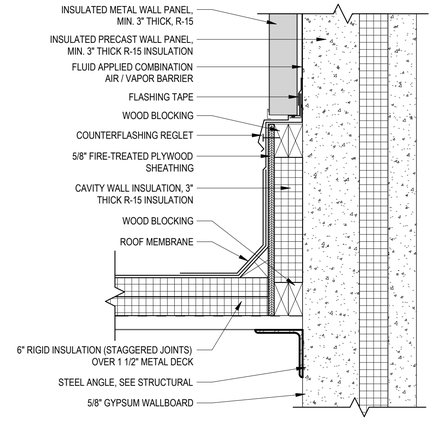
7 A502 ROOF TO WALL DETAIL AT METAL PANEL
1 1/2" = 1'-0"



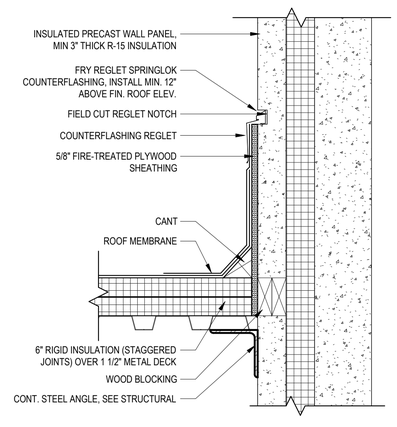
3 A502 CAP FLASHING DETAIL
1 1/2" = 1'-0"



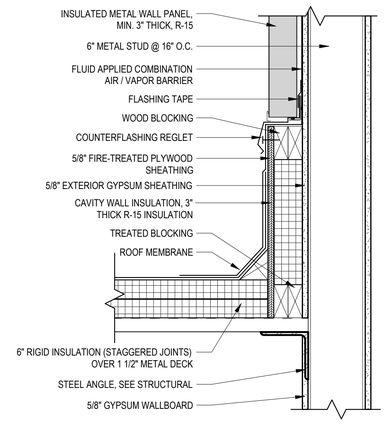
6 A502 WALL TRANSITION FLASHING
1 1/2" = 1'-0"



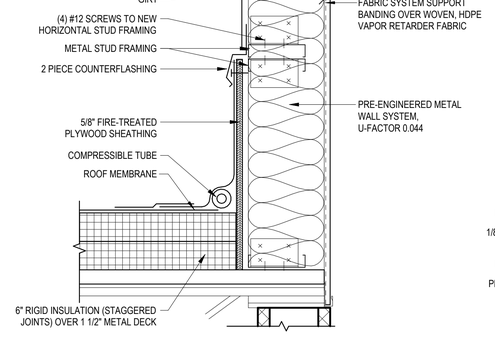
7 A502 ROOF TO WALL DETAIL AT METAL PANEL
1 1/2" = 1'-0"



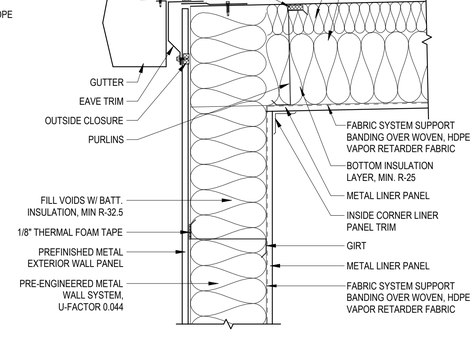
8 A502 ROOF TO WALL DETAIL AT PRECAST PANEL
1 1/2" = 1'-0"



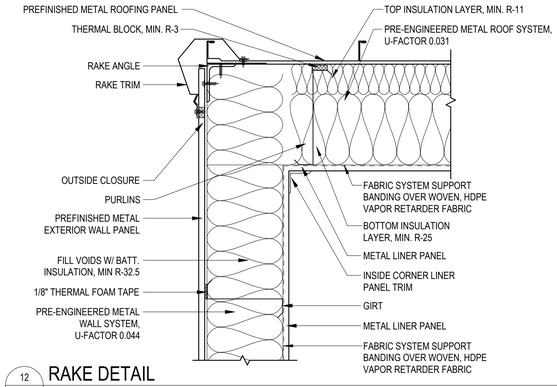
9 A502 ROOF TO WALL DETAIL AT METAL PANEL
1 1/2" = 1'-0"



10 A502 ROOF TO WALL DETAIL AT PEMB
1 1/2" = 1'-0"



11 A502 ROOF EAVE DETAIL
1 1/2" = 1'-0"



12 A502 RAKE DETAIL
1 1/2" = 1'-0"

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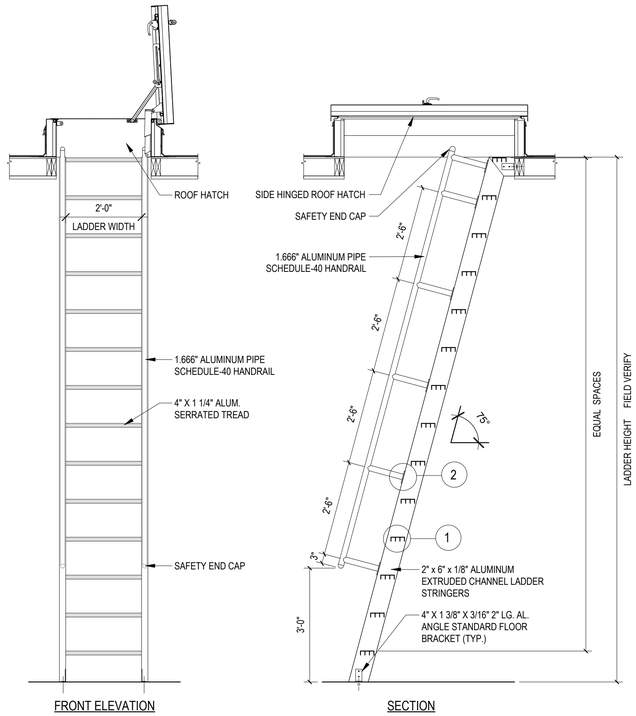
SEH Project	PDCAR 177629
Checked By	Checked By
Drawn By	Drawn By
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

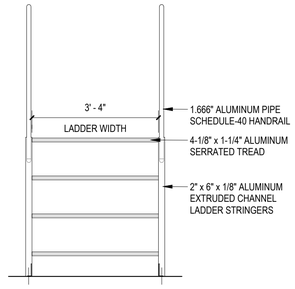
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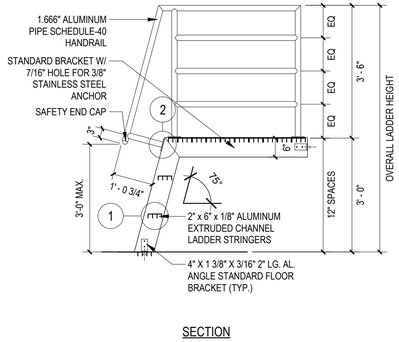
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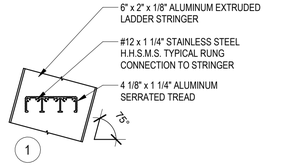
A502

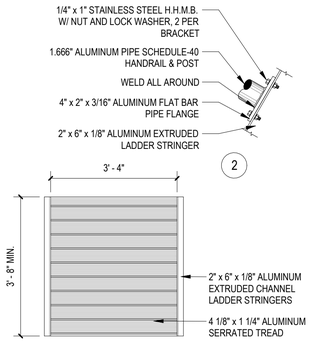


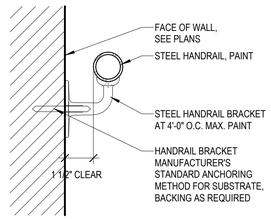
1 A503 SHIPS LADDER DETAIL1
1/2" = 1'-0"



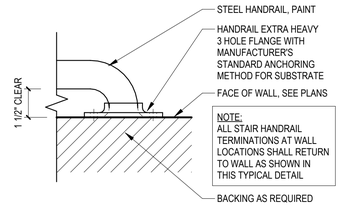




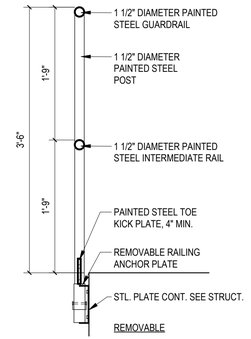


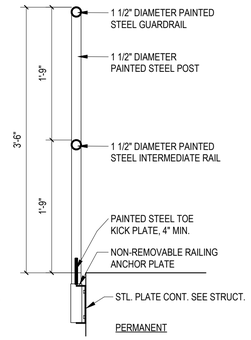


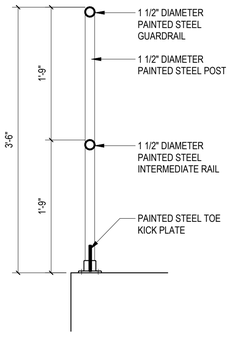
2 A503 TYP. BRACKET & HANDRAIL
3" = 1'-0"



3 A503 TYP. HANDRAIL RETURN
3" = 1'-0"



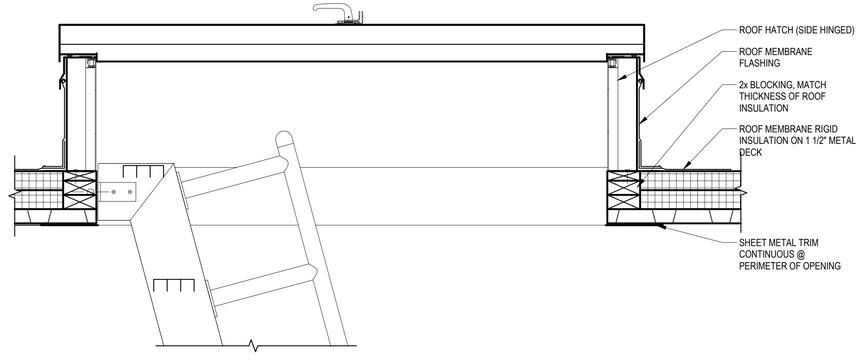




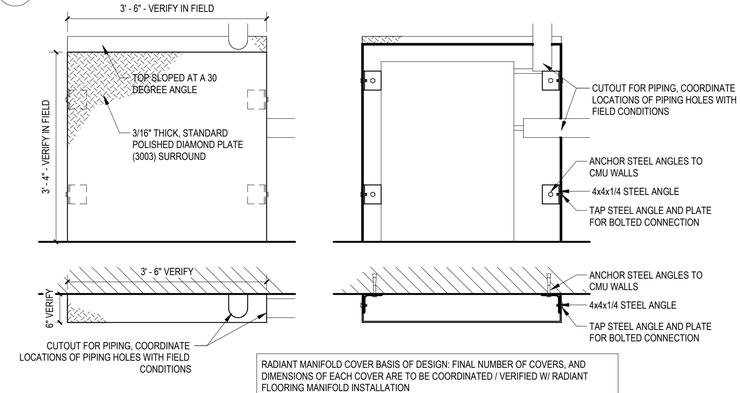
NOTE: ALONG EACH RUN OF MEZZANINE GUARDRAIL THERE IS TO BE ONE 8' SECTION OF REMOVABLE GUARDRAIL

4 A503 GUARDRAIL DETAIL
1" = 1'-0"

5 A503 GUARDRAIL DETAIL
1" = 1'-0"

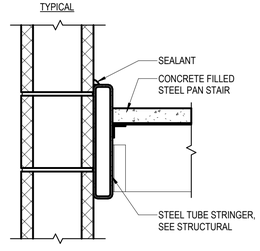


6 A503 ROOF HATCH DETAIL
1 1/2" = 1'-0"

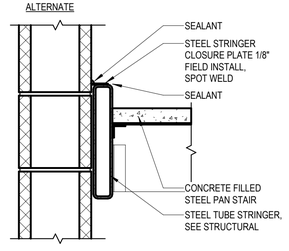


RADIANT MANIFOLD COVER BASIS OF DESIGN: FINAL NUMBER OF COVERS, AND DIMENSIONS OF EACH COVER ARE TO BE COORDINATED / VERIFIED W/ RADIANT FLOORING MANIFOLD INSTALLATION

7 A503 MANIFOLD COVER
3/4" = 1'-0"

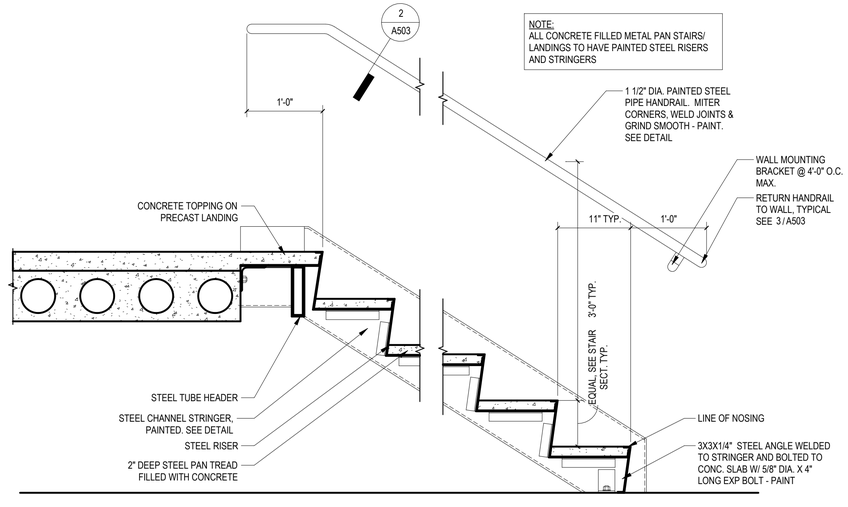


NOTE:
ABOVE REFERENCED DETAIL IS TYPICAL, HOWEVER IF FABRICATOR AND INSTALLER CANNOT MEET SPECIFIED TOLERANCES, ALTERNATE STRINGER CLOSURE DETAIL SHALL BE USED



NOTE:
ABOVE REFERENCED DETAIL IS AN ALTERNATE IF FABRICATOR AND INSTALLER CANNOT MEET SPECIFIED TOLERANCES OF TYPICAL STRINGER CLOSURE DETAIL

8 A503 TYP. STAIR STRINGER
1 1/2" = 1'-0"



9 A503 METAL PAN STAIR SECTION1
1" = 1'-0"

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SEH Project	PDCAR 177629
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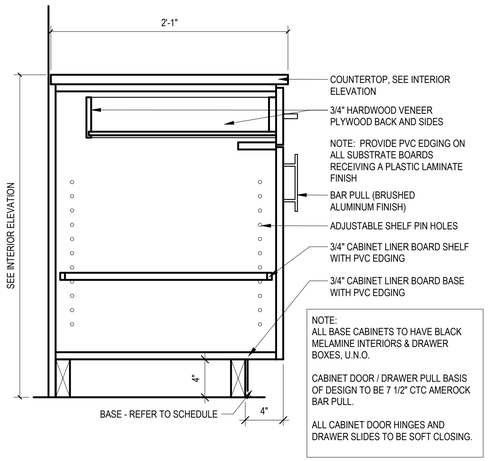
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

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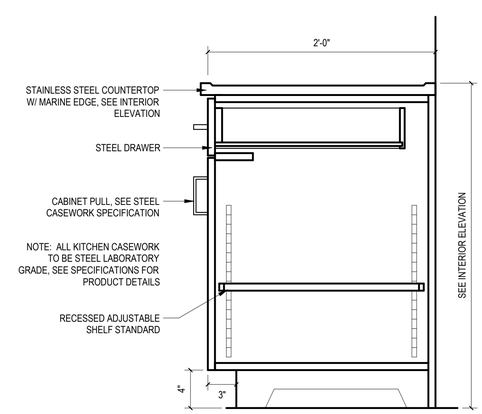
REV. #	DESCRIPTION	DATE

DETAILS

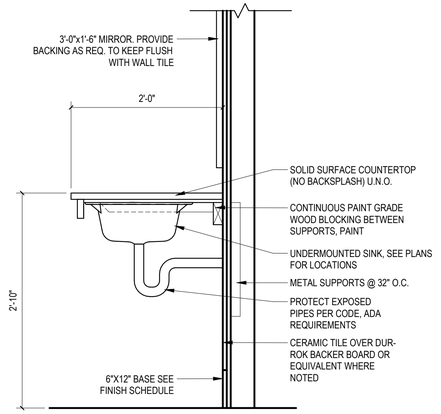
A503



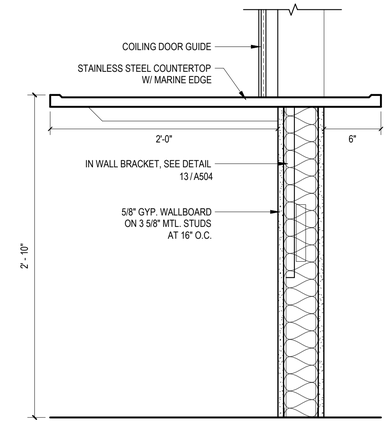
1 A504 — PLASTIC LAMINATE CABINETRY SECTION
1 1/2" = 1'-0"



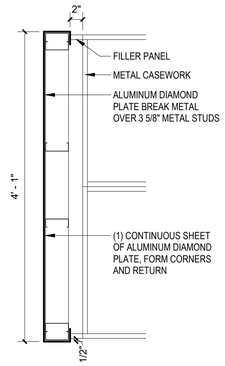
2 A504 — PAINTED METAL CASEWORK
1 1/2" = 1'-0"



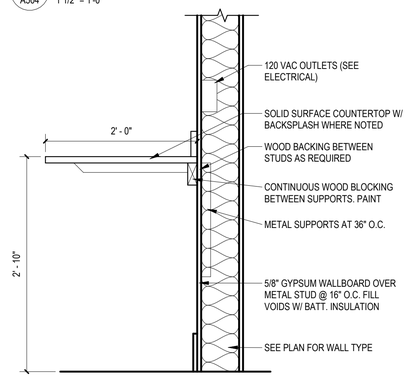
3 A504 — COUNTERTOP SECTION
1" = 1'-0"



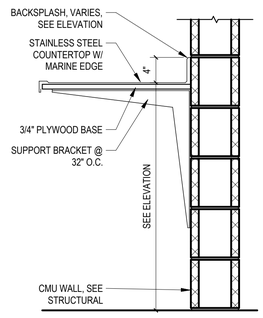
4 A504 — COILING DOOR SILL
1 1/2" = 1'-0"



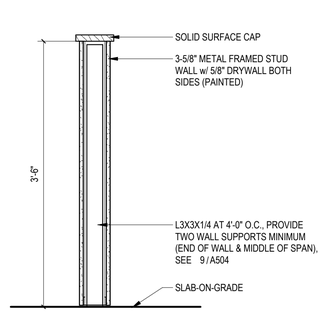
5 A504 — ISLAND END PANEL
1" = 1'-0"



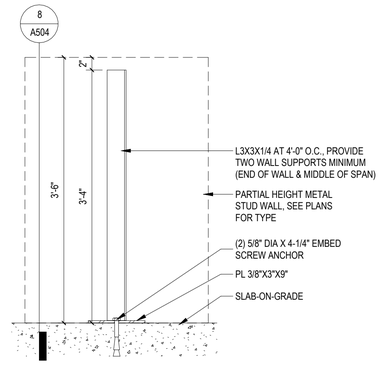
6 A504 — COUNTERTOP SECTION
1" = 1'-0"



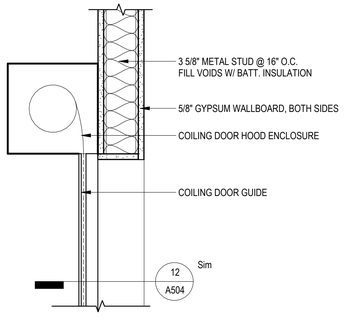
7 A504 — COUNTERTOP SECTION @ CMU
1" = 1'-0"



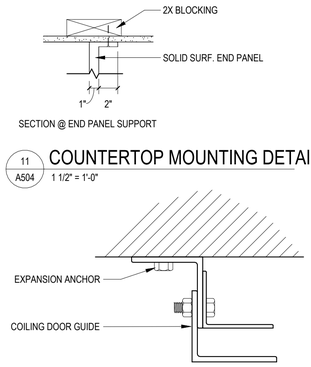
8 A504 — HALF WALL SECTION
1" = 1'-0"



9 A504 — HALF WALL SUPPORT DETAIL
1" = 1'-0"



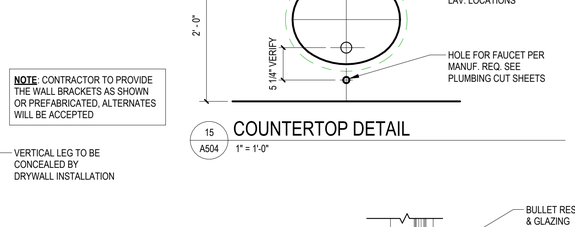
10 A504 — COILING DOOR HEAD
1 1/2" = 1'-0"



SECTION @ END PANEL SUPPORT

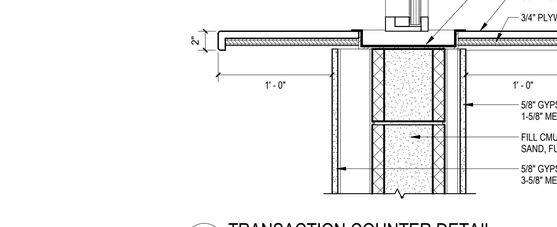
11 A504 — COUNTERTOP MOUNTING DETAILS
1 1/2" = 1'-0"

12 A504 — JAMB DETAIL
1 1/2" = 1'-0"

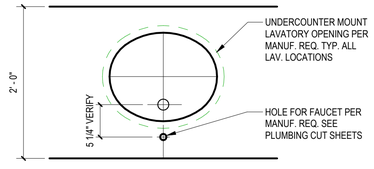


NOTE: CONTRACTOR TO PROVIDE THE WALL BRACKETS AS SHOWN OR PREFABRICATED, ALTERNATES WILL BE ACCEPTED

13 A504 — TYP. IN-WALL SUPPORT BRACKET
3/4" = 1'-0"

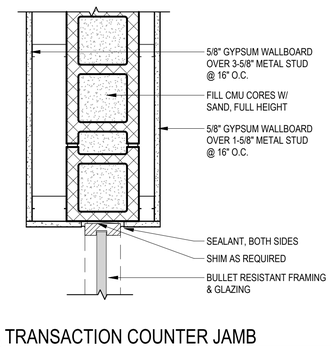


14 A504 — TYP. SUPPORT BRACKET @ CMU
3/4" = 1'-0"

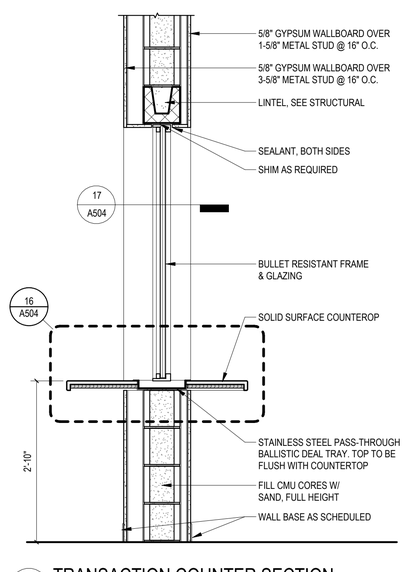


15 A504 — COUNTERTOP DETAIL
1" = 1'-0"

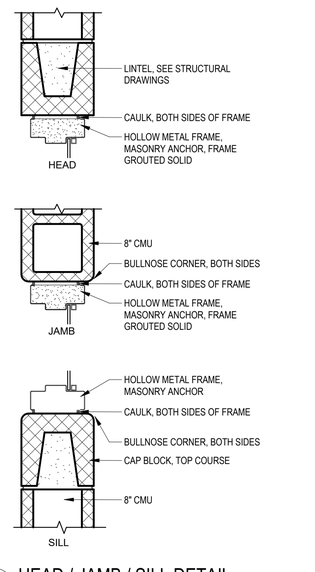
16 A504 — TRANSACTION COUNTER DETAIL
1 1/2" = 1'-0"



17 A504 — TRANSACTION COUNTER JAMB
1 1/2" = 1'-0"



18 A504 — TRANSACTION COUNTER SECTION
3/4" = 1'-0"



19 A504 — HEAD / JAMB / SILL DETAIL
1 1/2" = 1'-0"

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 25/2026 8:37:25 AM

SEH

Project Owner

CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY
705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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SEH Project	PDCAR 177629
Checked By	Checked By
Drawn By	Drawn By

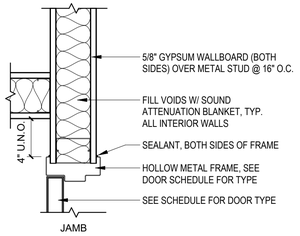
Project Status	Issue Date
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

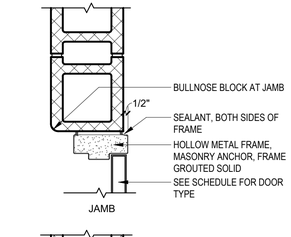
REV. #	DESCRIPTION	DATE

DETAILS

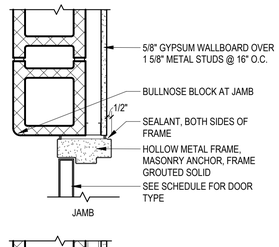
A504



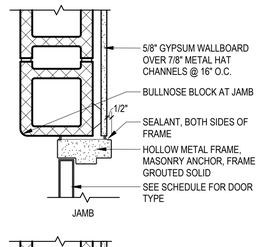
1 A505 **HEAD / JAMB DETAIL** 1 1/2" = 1'-0"



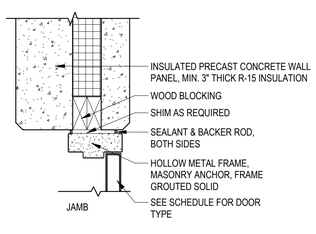
2 A505 **HEAD / JAMB DETAIL** 1 1/2" = 1'-0"



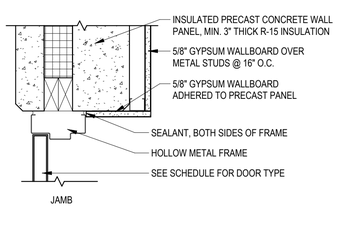
3 A505 **HEAD / JAMB DETAIL** 1 1/2" = 1'-0"



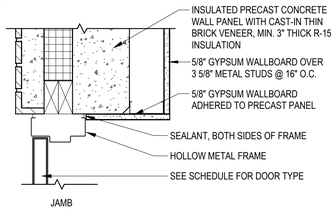
4 A505 **HEAD / JAMB DETAIL** 1 1/2" = 1'-0"



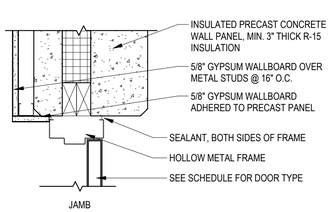
5 A505 **HEAD / JAMB DETAIL** 1 1/2" = 1'-0"



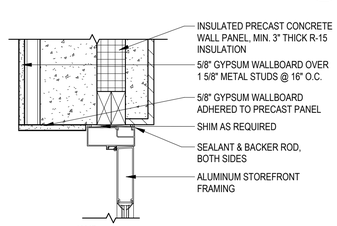
6 A505 **HEAD / JAMB DETAIL** 1 1/2" = 1'-0"



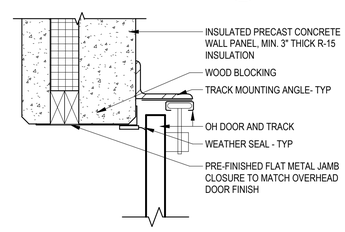
7 A505 **HEAD / JAMB DETAIL** 1 1/2" = 1'-0"



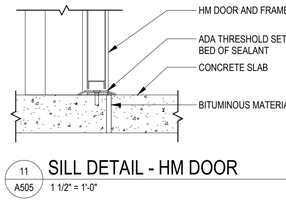
8 A505 **HEAD / JAMB DETAIL** 1 1/2" = 1'-0"



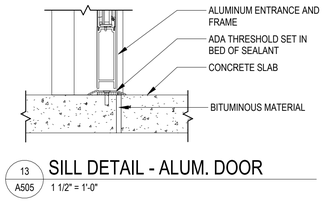
9 A505 **HEAD / JAMB DETAIL** 1 1/2" = 1'-0"



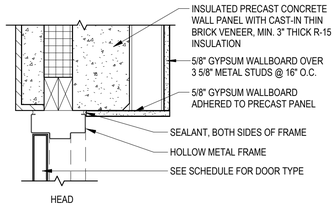
10 A505 **OVERHEAD DOOR DETAIL** 1 1/2" = 1'-0"



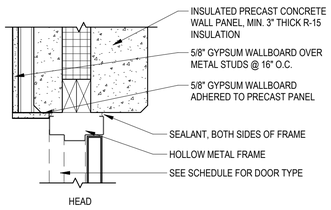
11 A505 **SILL DETAIL - HM DOOR** 1 1/2" = 1'-0"



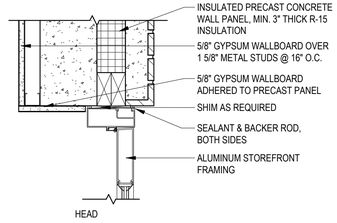
13 A505 **SILL DETAIL - ALUM. DOOR** 1 1/2" = 1'-0"



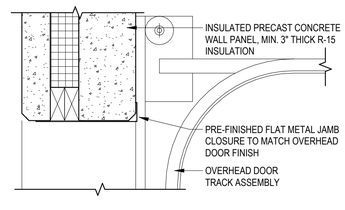
14 A505 **WINDOW HEAD** 1 1/2" = 1'-0"



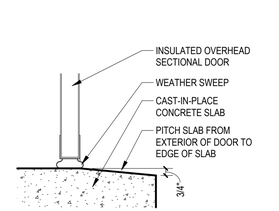
15 A505 **WINDOW HEAD** 1 1/2" = 1'-0"



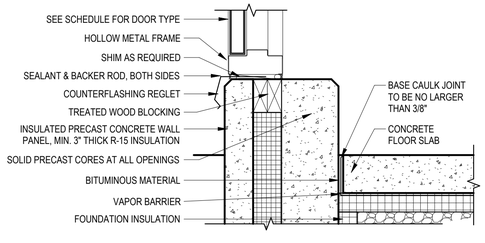
16 A505 **WINDOW SILL** 1 1/2" = 1'-0"



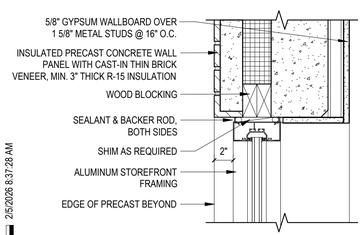
10 A505 **OVERHEAD DOOR DETAIL** 1 1/2" = 1'-0"



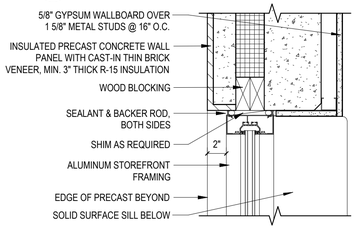
12 A505 **SECTIONAL DOOR SILL** 1 1/2" = 1'-0"



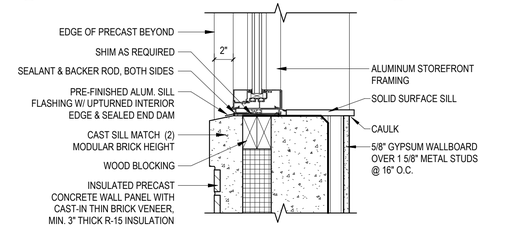
24 A505 **DOOR SILL** 1 1/2" = 1'-0"



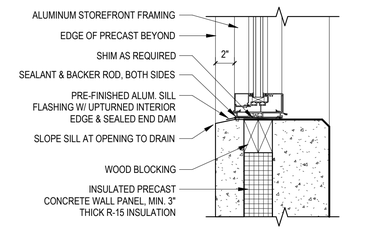
14 A505 **WINDOW HEAD** 1 1/2" = 1'-0"



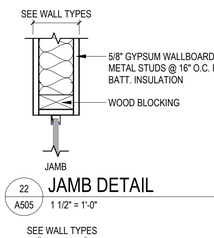
16 A505 **WINDOW JAMB** 1 1/2" = 1'-0"



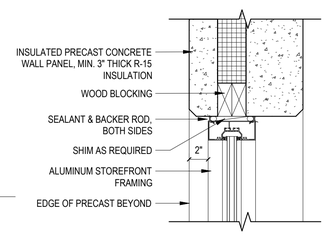
18 A505 **WINDOW SILL** 1 1/2" = 1'-0"



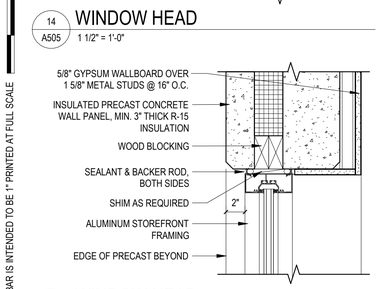
20 A505 **WINDOW SILL** 1 1/2" = 1'-0"



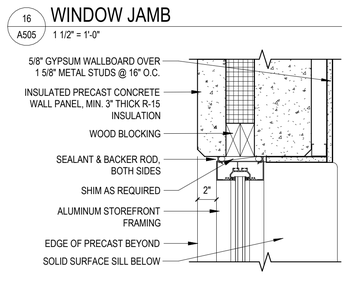
22 A505 **JAMB DETAIL** 1 1/2" = 1'-0"



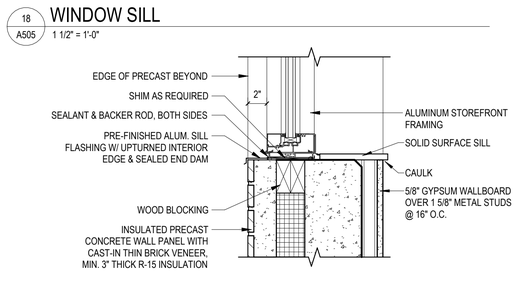
25 A505 **WINDOW HEAD** 1 1/2" = 1'-0"



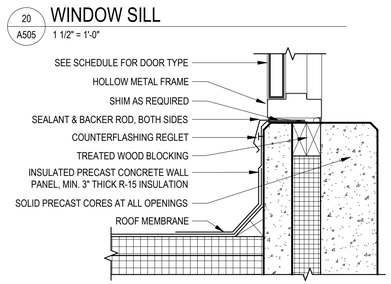
15 A505 **WINDOW HEAD** 1 1/2" = 1'-0"



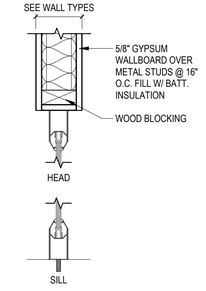
17 A505 **WINDOW JAMB** 1 1/2" = 1'-0"



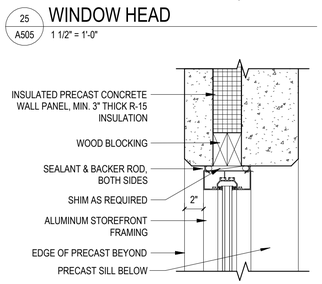
19 A505 **WINDOW SILL** 1 1/2" = 1'-0"



21 A505 **DOOR SILL** 1 1/2" = 1'-0"



23 A505 **HEAD / SILL DETAIL** 1 1/2" = 1'-0"



26 A505 **WINDOW JAMB** 1 1/2" = 1'-0"

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/5/2026 8:37:28 AM

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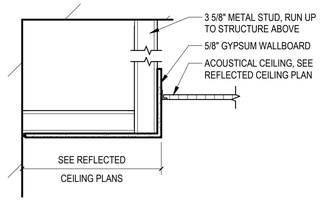
SEH Project	PDCAR 177629
Checked By	Checked By
Drawn By	Drawn By
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

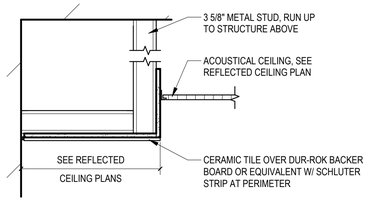
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DETAILS

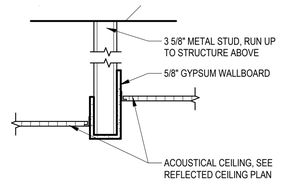
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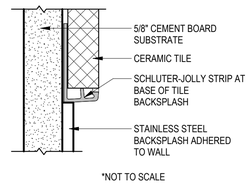
1 A506 TYP. SOFFIT DETAIL
1" = 1'-0"



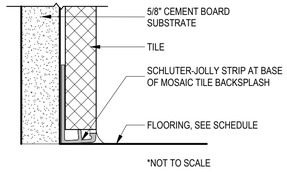
2 A506 TYP. TILED SHOWER SOFFIT / CEILING
1" = 1'-0"



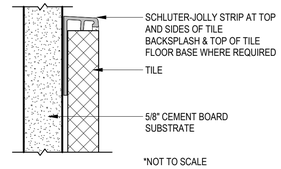
3 A506 TYP. CEILING HEIGHT CHANGE
1" = 1'-0"



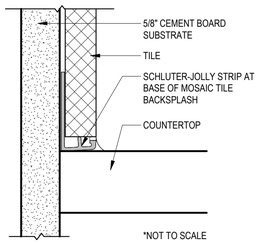
4 A506 SCHLUTER STRIP DETAIL
1/2" = 1'-0"



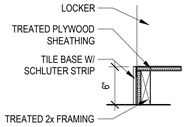
5 A506 SCHLUTER STRIP DETAIL
1/2" = 1'-0"



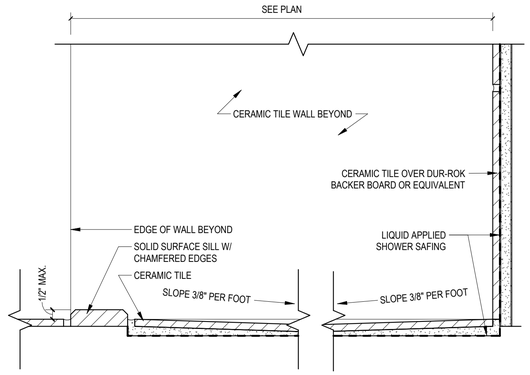
6 A506 SCHLUTER STRIP DETAIL
1/2" = 1'-0"



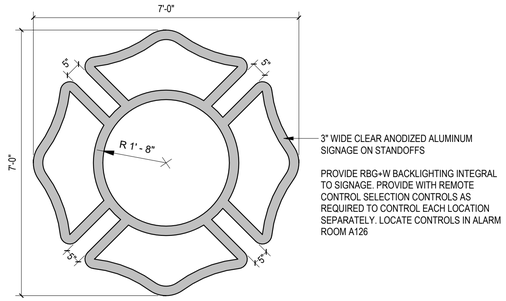
7 A506 SCHLUTER STRIP DETAIL
1/2" = 1'-0"



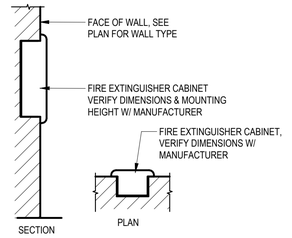
8 A506 LOCKER BASE DETAIL
1" = 1'-0"



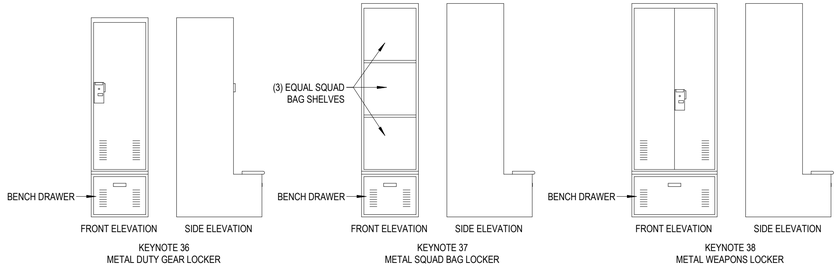
9 A506 SHOWER THRESHOLD DETAIL
3" = 1'-0"



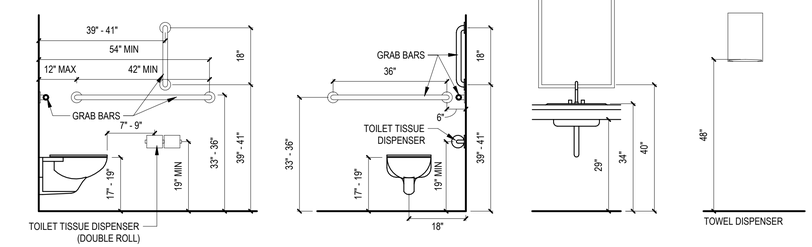
10 A506 DECORATIVE METAL LOGO
1/2" = 1'-0"



11 A506 FIRE EXTINGUISHER
1/2" = 1'-0"

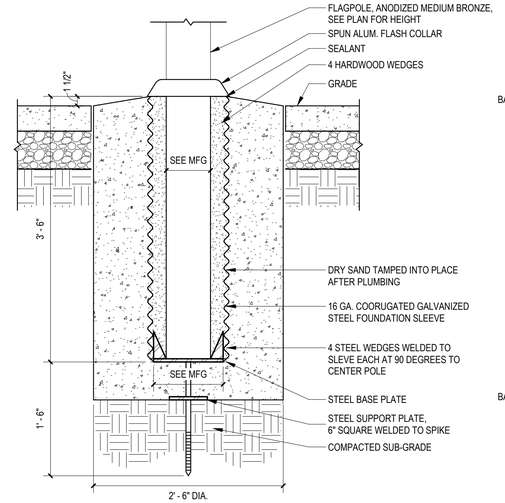


12 A506 PD LOCKER TYPE ELEVATIONS
3/8" = 1'-0"

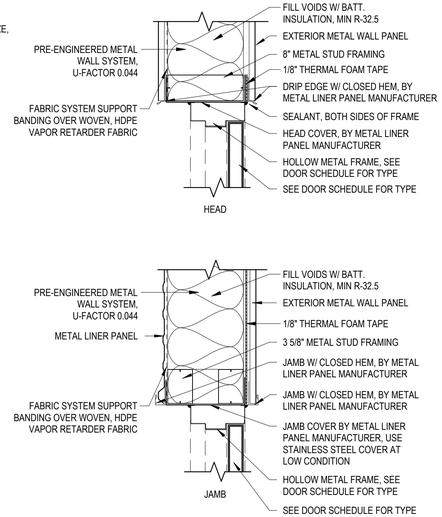


*NOTE
THE ABOVE DETAIL IS A GUIDE FOR MOUNTING HEIGHTS OF TOILET SPECIALTIES. SEE DRAWINGS FOR ACTUAL LOCATIONS OF SPECIALTIES.

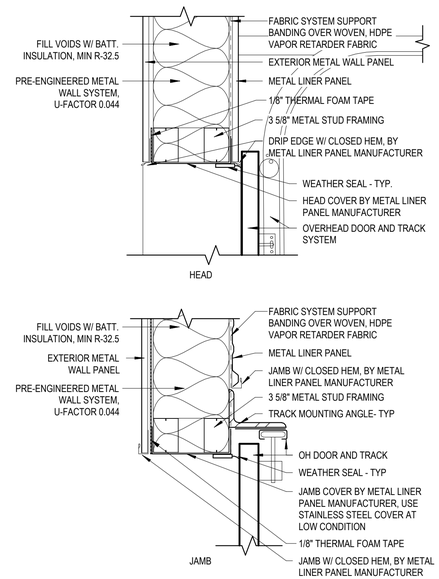
13 A506 TYPICAL MOUNTING HEIGHTS
1/2" = 1'-0"



14 A506 FLAG POLE BASE DETAIL
1" = 1'-0"



15 A506 HEAD / JAMB DETAIL
1 1/2" = 1'-0"



16 A506 HEAD / JAMB DETAIL
1 1/2" = 1'-0"

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CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY
705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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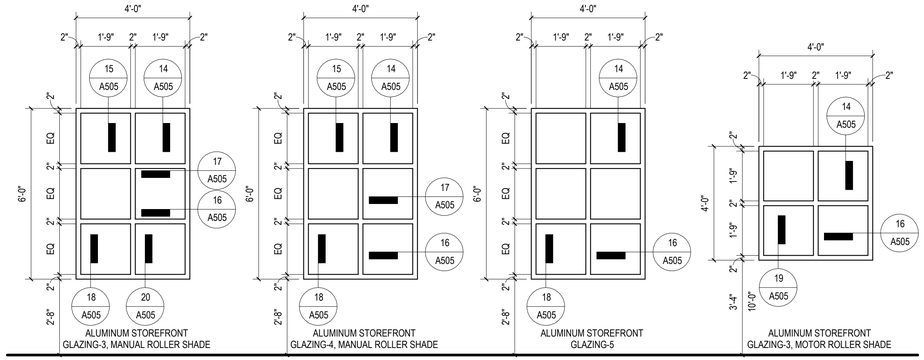
SEH Project	PDCAR 177629
Checked By	Checked By
Drawn By	Drawn By
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

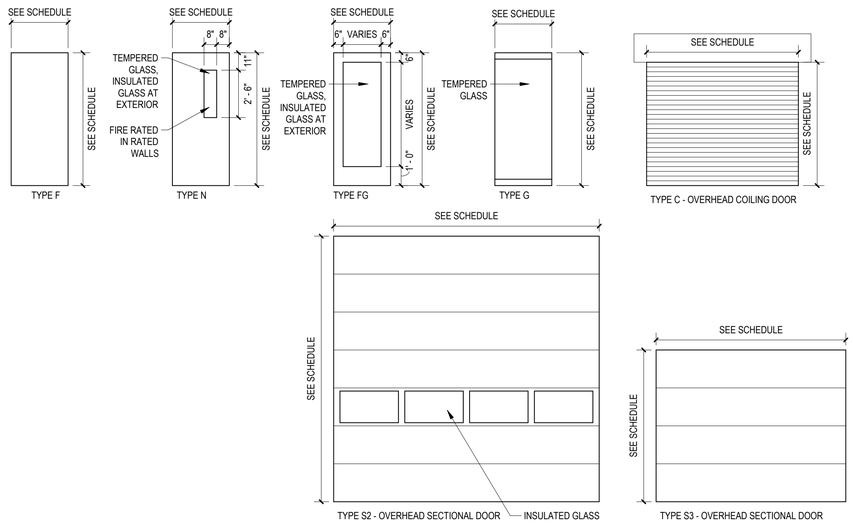
REV. #	DESCRIPTION	DATE

DETAILS

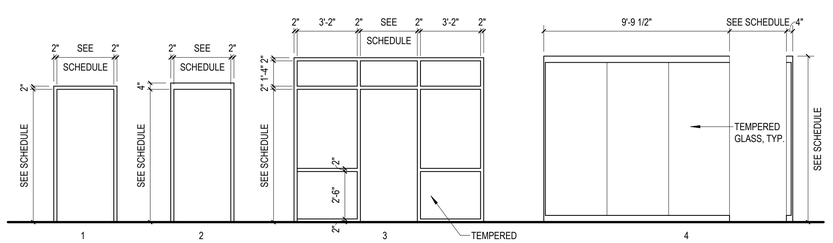
A506



WINDOW TYPES



DOOR TYPES



FRAME TYPES

DOOR SCHEDULE

DOOR NUMBER	DOOR WIDTH	DOOR HEIGHT	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	RATING	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	HARDWARE GROUP	Comments
101	3'-0"	7'-0"	FG	AL	3	AL		9 / A505	9 / A505	13 / A505	1.0	
102	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	28.0	
103	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	28.0	
104A	3'-0"	7'-0"	N	WD	1	HM		1 / A505	1 / A505	---	7.0	
104B	3'-0"	7'-0"	F	HM	1	HM		7 / A505	7 / A505	11 / A505	2.0	
104C	3'-0"	7'-0"	N	WD	1	HM		1 / A505	1 / A505	---	9.0	
105A	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	25.0	
105B	6'-0"	4'-2"	C	---	---	---		10 / A504	12 / A504	4 / A504	34.0	
106	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	7.0	
107	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	14.0	
108	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	16.0	
109	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	13.0	
112	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	24.0	
114	3'-0"	7'-0"	N	WD	2	HM		4 / A505	4 / A505	---	13.0	
115	3'-0"	7'-0"	F	WD	1	HM		6 / A505	6 / A505	---	27.0	
116	3'-0"	7'-0"	N	WD	2	HM		2 / A505	2 / A505	---	23.0	
117A	3'-0"	7'-0"	N	WD	2	HM		4 / A505	4 / A505	---	32.0	
117B	3'-0"	7'-0"	F	WD	2	HM		2 / A505	2 / A505	---	14.0	
118	3'-0"	7'-0"	F	WD	2	HM		2 / A505	2 / A505	---	27.0	
119	3'-0"	7'-0"	F	WD	2	HM		2 / A505	2 / A505	---	27.0	
120	3'-0"	7'-0"	F	WD	2	HM		4 / A505	4 / A505	---	23.0	
122	3'-0"	7'-0"	F	WD	1	HM	45 MIN.	1 / A505	1 / A505	---	11.0	
123	3'-0"	7'-0"	F	WD	1	HM	45 MIN.	1 / A505	1 / A505	---	12.0	
124	3'-0"	7'-0"	F	WD	1	HM	45 MIN.	1 / A505	1 / A505	---	11.0	
125	3'-0"	7'-0"	F	WD	1	HM	45 MIN.	1 / A505	1 / A505	---	11.0	
126	3'-0"	7'-0"	N	WD	1	HM		8 / A505	8 / A505	---	22.0	
127A	3'-0"	7'-0"	N	HM	1	HM		8 / A505	8 / A505	---	8.0	
127B	14'-0"	14'-0"	S2	---	---	---		10 / A505	10 / A505	12 / A505	34.0	
127C	14'-0"	14'-0"	S2	---	---	---		10 / A505	10 / A505	12 / A505	34.0	
127D	14'-0"	14'-0"	S2	---	---	---		10 / A505	10 / A505	12 / A505	34.0	
127E	14'-0"	14'-0"	S2	---	---	---		10 / A505	10 / A505	12 / A505	34.0	
127F	14'-0"	14'-0"	S2	---	---	---		10 / A505	10 / A505	12 / A505	34.0	
127G	14'-0"	14'-0"	S2	---	---	---		10 / A505	10 / A505	12 / A505	34.0	
127J	14'-0"	14'-0"	S2	---	---	---		10 / A505	10 / A505	12 / A505	34.0	
127K	14'-0"	14'-0"	S2	---	---	---		10 / A505	10 / A505	12 / A505	34.0	
127L	14'-0"	14'-0"	S2	---	---	---		10 / A505	10 / A505	12 / A505	34.0	
127M	3'-0"	7'-0"	N	HM	1	HM		5 / A505	5 / A505	11 / A505	3.0	
128	3'-0"	7'-0"	F	HM	2	HM		2 / A505	2 / A505	---	33.0	
129	3'-0"	7'-0"	F	HM	1	HM		5 / A505	5 / A505	---	31.0	
130	3'-0"	7'-0"	N	HM	1	HM		5 / A505	5 / A505	11 / A505	3.0	
131	3'-0"	7'-0"	N	HM	2	HM		2 / A505	2 / A505	---	30.0	
132	3'-0"	7'-0"	F	HM	2	HM		2 / A505	2 / A505	---	26.0	
133	3'-0"	7'-0"	F	HM	2	HM		2 / A505	2 / A505	---	26.0	
136	3'-0"	7'-0"	N	HM	1	HM		5 / A505	5 / A505	11 / A505	3.0	
137	3'-0"	7'-0"	N	HM	1	HM		5 / A505	5 / A505	11 / A505	3.0	
138	3'-0"	7'-0"	F	WD	2	HM		2 / A505	2 / A505	---	14.0	
139	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	27.0	
140	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	27.0	
141	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	27.0	
142	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	13.0	
144A	3'-0"	7'-0"	F	WD	1	HM		2 / A505	2 / A505	---	13.0	
144B	10'-0"	8'-0"	S3	---	---	---		16 / A506	16 / A506	12 / A505	34.0	
144C	3'-0"	7'-0"	F	HM	1	HM		15 / A506	15 / A506	11 / A505	3.0	
144D	10'-0"	8'-0"	S3	---	---	---		16 / A506	16 / A506	12 / A505	34.0	
144E	10'-0"	8'-0"	S3	---	---	---		16 / A506	16 / A506	12 / A505	34.0	
144F	3'-0"	7'-0"	F	HM	1	HM		15 / A506	15 / A506	11 / A505	3.0	
145A	3'-0"	7'-0"	F	WD	2	HM		3 / A505	3 / A505	---	10.0	
145B	3'-0"	7'-0"	F	WD	2	HM		2 / A505	2 / A505	---	10.0	
146	3'-0"	7'-0"	F	WD	2	HM		2 / A505	2 / A505	---	15.0	
147	3'-0"	7'-0"	N	WD	2	HM		2 / A505	2 / A505	---	16.0	
148	3'-0"	7'-0"	F	HM	2	HM		2 / A505	2 / A505	---	16.0	
149A	3'-0"	5'-0"	F	HM	6	HM		5 / A505	5 / A505	24 / A505	4.0	
149B	3'-0"	5'-0"	F	HM	6	HM		5 / A505	5 / A505	24 / A505	4.0	
151A	3'-0"	7'-0"	F	WD	1	HM		2 / A505	2 / A505	---	16.0	
151B	3'-0"	7'-0"	F	WD	2	HM		2 / A505	2 / A505	---	16.0	
153	3'-0"	8'-6"	G	AL	4	AL		23 / A505	22 / A505	23 / A505	6.0	
154	3'-0"	7'-0"	N	WD	1	HM		1 / A505	1 / A505	---	29.0	
156	3'-0"	7'-0"	N	WD	1	HM		1 / A505	1 / A505	---	21.0	
157	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	21.0	
158	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	21.0	
159	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	21.0	
160	(2) 3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	18.0	
162	(2) 3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	18.0	
163	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	21.0	
164	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	21.0	
165	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	21.0	
166	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	26.0	
167A	3'-0"	7'-0"	N	WD	1	HM		1 / A505	1 / A505	---	17.0	
167B	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	13.0	
168A	3'-0"	7'-0"	N	WD	1	HM		1 / A505	1 / A505	---	16.0	
168B	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	16.0	
169	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	16.0	
172	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	13.0	
173	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	20.0	
174	3'-0"	7'-0"	F	WD	1	HM		1 / A505	1 / A505	---	20.0	
202	(2) 3'-0"	7'-0"	F	WD	1	HM	45 MIN.	1 / A505	1 / A505	---	19.0	
202B	3'-0"	5'-0"	F	HM	6	HM		5 / A505	5 / A505	21 / A505	5.0	
203	3'-0"	7'-0"	F	HM	1	HM		5 / A505	5 / A505		5.0	
204	3'-0"	7'-0"	F	HM	1	HM		1 / A505	1 / A505	---	13.0	

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CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY
705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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SEH Project	PDCAR 177629
Checked By	Checked By
Drawn By	Drawn By
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

DOOR SCHEDULE / DOOR, FRAME AND WINDOW ELEVATIONS

A601

ROOM FINISH LEGEND

CARPET
CPT-1: INTERFACE
STEP REPEAT SR799, 24x24
KHAKI 104915, QUARTER-TURN INSTALL
CPT-2: J&J FLOORING
DOWNTOWN, 24x24
HOLLYWOOD 3162, ASHLAR INSTALL
CPT-3: J&J FLOORING
DOWNTOWN, 24x24
BLUE RIDGE 3163, ASHLAR INSTALL
CPT-4: INTERFACE
WOVEN WORLD WW865, 25CMx1M
CUSTOM COLOR, ASHLAR INSTALL
CPT-5: INTERFACE
WOVEN WORLD WW865, 25CMx1M
103205 DUSK WARP, ASHLAR INSTALL
CPT-6: INTERFACE
WOVEN WORLD WW865, 25CMx1M
103215 TUNDRA WEAVE, ASHLAR INSTALL
CPT-7: INTERFACE
WOVEN WORLD WW865, 25CMx1M
CUSTOM COLOR, ASHLAR INSTALL

LUXURY VINYL PLANK
LVP-1: INTERFACE
NORTHERN GRAIN A026
A02607 DARK WASH, ASHLAR INSTALL

RESINOUS FLOORING
EPOX1: STONHARD
STONCLAD / STONKOTE
COLOR: TBD

PLASTIC LAMINATE
PL-1: WILSONART
PEWTER MESH 4878-38, FINE VELVET FINISH
BASE / UPPER CABINETS ROOMS 110, 170, 152
PL-2: WILSONART
STUDIO TEAK 7960K-18
ROOM 166

VINYL BASE
VB-1: JOHNSONITE
29 MOONROCK

GROUT
G-1: TO MATCH CUSTOM BUILDING PRODUCTS
59 SADDLE
G-2: TO MATCH CUSTOM BUILDING PRODUCTS
541 WALNUT
G-3: TO MATCH CUSTOM BUILDING PRODUCTS
183 CHATEAU
G-4: TO MATCH CUSTOM BUILDING PRODUCTS
545 BLEACHED WOOD
G-5: TO MATCH CUSTOM BUILDING PRODUCTS
185 NEW TAUPE

CERAMIC TILE
CT-1: DALTILE
PORTFOLIO, 12x24
NOCE PF11
INSTALL ASHLAR
CT-2: DALTILE
PORTFOLIO, 2x2 MOSAIC
NOCE PF11
CT-3: DALTILE
PORTFOLIO, 12x24
CHOCOLATE PF08
INSTALL ASHLAR
CT-4: DALTILE
PORTFOLIO, 2x2 MOSAIC
CHOCOLATE PF08
CT-5: DALTILE
REKINDLE, 12x24
LIGHT GREY RK12
INSTALL STAGGERED
CTW-1: DALTILE
PORTFOLIO, 12x24
NOCE PF11
ASHLAR INSTALL
CTW-2: DALTILE
PORTFOLIO, LINEAR MOSAIC
NOCE PF11
ASHLAR INSTALL
CTW-3: DALTILE
PORTFOLIO, 12x24
CHOCOLATE PF08
ASHLAR INSTALL
CTW-4: DALTILE
PORTFOLIO, 6x24
CHOCOLATE PF08
ASHLAR INSTALL
CTW-5: DALTILE (25% OF WALL TILE)
MESMERIST, 3x12
TRANCE MM31, GLOSSY
ASHLAR INSTALL
CTW-6: DALTILE (75% OF WALL TILE)
MESMERIST, 3x12
SPIRIT MM30, GLOSSY
ASHLAR INSTALL
CTB-1: DALTILE
PORTFOLIO, 6x24
NOCE PF11
SCHLUTER STRIP TOP ON NON-TILE WALLS
CTB-2: DALTILE
PORTFOLIO, 6x24
CHOCOLATE PF08
SCHLUTER STRIP TOP ON NON-TILE WALLS
CTB-3: DALTILE
REKINDLE, 6x24
LIGHT GREY RK12
SCHLUTER STRIP TOP ON NON-TILE WALLS

RUBBER
RB-1: ECOSURFACES
ECO FIT
812 MOONROCK, 48" WIDE ROLL

PAINT
PT-1: SHERWIN-WILLIAMS
SW7043 WORLDLY GRAY
PT-2: SHERWIN-WILLIAMS
SW9171 FELTED WOOL
PT-3: SHERWIN-WILLIAMS
SW7047 PORPOISE, DOOR FRAME & METAL DOORS
PT-4: SHERWIN-WILLIAMS
SW9185 MAREA BAJA
PT-5: SHERWIN-WILLIAMS
SW6594 POINSETTIA

SOLID SURFACE
SS-1: WILSONART
COASTAL Q4036
WET COUNTERTOPS
SS-2: WILSONART
DUSK ICE 9203CE
WINDOW SILLS

CONCRETE
CONC-1: SEALED CONCRETE

WOOD DOORS
WD-1: VT INDUSTRIES
SELECT WHITE BIRCH
RIVERSTONE R118

WALL GRAPHIC
WG-1: POTENTIAL VINYL WALL GRAPHIC (N.I.C.)
PREP WALL WITH LEVEL 5 FINISH AND PAINT

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALL FINISH				CEILINGS		REMARKS
				NORTH	SOUTH	EAST	WEST	FINISH	MATERIAL	
101	LOBBY	CPT-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
102	TOILET	CT-1	CTB-1	PT-1	CTW-1 / CTW-2 / PT-1	PT-1	CTW-1 / CTW-2 / PT-1	ACT-2		G-2 (FLOOR), G-3 (WALL)
103	TOILET	CT-1	CTB-1	PT-1	CTW-1 / CTW-2 / PT-1	CTW-1 / CTW-2 / PT-1	PT-1	ACT-2		G-2 (FLOOR), G-3 (WALL)
104	TRAINING	CPT-2	VB-1	PT-1 / WG-1	PT-1	PT-1	PT-1	ACT-1		
105	KITCHEN	CT-5	CTB-3	CTW-5 / CTW-6 / PT-1	PT-1	PT-1	PT-1	ACT-2		G-5 (FLOOR), G-4 (WALL)
106	CORRIDOR	CONC-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
107	RECEPTION	CONC-1	VB-1	PT-1	PT-1	PT-2	PT-1	ACT-1		
108	PUB. ED.	CONC-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
109	CORRIDOR	CONC-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
110	DINING	CONC-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
111	DAYROOM	CONC-1	VB-1	PT-5	PT-1	PT-1	PT-1	ACT-1		
112	JANITOR	CONC-1	CTB-1	PT-1	CTW-1 / PT-1	CTW-1 / PT-1	PT-1	ACT-2		
113	CORRIDOR	CONC-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
114	CORRIDOR	CONC-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
115	TOILET	CT-1	CTB-1	PT-1	CTW-1 / CTW-2 / PT-1	CTW-1 / CTW-2 / PT-1	PT-1	ACT-2		G-2 (FLOOR), G-3 (WALL)
116	EXERCISE	RB-1	VB-1	PT-1	PT-1	PT-1	WG-2	PT-		
117	LOCKER	CT-1	CTB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		G-2 (FLOOR), G-3 (WALL)
118	TOILET	CT-1	CTB-1	CTW-1 / CTW-2 / PT-1	PT-1	PT-1	CTW-1 / CTW-2 / PT-1	ACT-2		G-2 (FLOOR), G-3 (WALL)
119	TOILET	CT-1	CTB-1	CTW-1 / CTW-2 / PT-1	PT-1	CTW-1 / CTW-2 / PT-1	PT-1	ACT-2		G-2 (FLOOR), G-3 (WALL)
120	STORAGE	CONC-1	VB-1	PT-1	PT-1	PT-1	PT-1	PT-		
121	CORRIDOR	CONC-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
122	CONFERENCE	CPT-7	VB-1	PT-1	PT-5	PT-1	PT-1	ACT-1		
123	LINE OFFICER	CPT-4	VB-1	PT-1	PT-5	PT-1	PT-1	ACT-1		
124	FD CHIEF	CONC-1	VB-1	PT-1	PT-5	PT-1	PT-1	ACT-1		
125	INSPECTOR	CONC-1	VB-1	PT-1	PT-5	PT-1	PT-1	ACT-1		
126	ALARM	CONC-1	VB-1	PT-1	PT-1	PT-1	PT-1	PT-		
127	APPARATUS BAYS	EPOX1	EPOX1	PT-2	PT-2	PT-2	PT-2	PT-		
128	SHOP	CONC-1	VB-1	PT-2	PT-2	PT-2	PT-2	PT-		
129	SCBA	CONC-1	VB-1	PT-2	PT-2	PT-2	PT-2	PT-		
130	CORRIDOR	EPOX1	EPOX1	PT-2	PT-2	PT-2	PT-2	PT-		
131	DECON LOCKER	EPOX1	EPOX1	PT-1	PT-1	PT-1	PT-1	PT-		
132	DECON	CT-3 / CT-4	CTB-2	CTW-3 / CTW-4 / PT-1	PT-1	PT-1	CTW-3 / CTW-4 / PT-1	PT-		G-1 (FLOOR & WALLS)
133	DECON	CT-3 / CT-4	CTB-2	PT-1	CTW-3 / CTW-4 / PT-1	PT-1	CTW-3 / CTW-4 / PT-1	PT-		G-1 (FLOOR & WALLS)
134	TURNOUT GEAR	EPOX1	EPOX1	PT-2	PT-2	PT-2	PT-2	PT-		
135	LAUNDRY	EPOX1	EPOX1	PT-2	PT-2	PT-2	PT-2	PT-		
136	HOSE	EPOX1	EPOX1	PT-2	PT-2	PT-2	PT-2	PT-		
137	VESTIBULE	CONC-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
138	LOCKER	CT-1 / CPT-3	CTB-1 / VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		G-2 (FLOOR)
139	TOILET	CT-1	CTB-1	PT-1	CTW-1 / CTW-2 / PT-1	PT-1	CTW-1 / CTW-2 / PT-1	ACT-2 / CT-		G-2 (FLOOR), G-3 (WALL)
140	TOILET	CT-1	CTB-1	CTW-1 / CTW-2 / PT-1	PT-1	PT-1	CTW-1 / CTW-2 / PT-1	ACT-2 / CT-		G-2 (FLOOR), G-3 (WALL)
141	TOILET	CT-1	CTB-1	PT-1	CTW-1 / CTW-2 / PT-1	PT-1	CTW-1 / CTW-2 / PT-1	ACT-2 / CT-		G-2 (FLOOR), G-3 (WALL)
142	CORRIDOR	CONC-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
143	GEAR	CONC-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
144	PD GARAGE	EPOX1	EPOX1	PT-2	PT-2	PT-2	PT-2	PT-		
145	ARRESTEE	CONC-1	EPOX1	PT-2	PT-2	PT-2	PT-2	ACT-3		
146	HARD	CONC-1	EPOX1	PT-2	PT-2	PT-2	PT-2	ACT-3		
147	EVIDENCE PROCESSING	CONC-1	EPOX1	PT-2	PT-2	PT-2	PT-2	ACT-3		
148	EVIDENCE STORAGE	CONC-1	EPOX1	PT-2	PT-2	PT-2	PT-2	PT-		
149	K9	EPOX1	EPOX1	PT-2	PT-2	PT-2	PT-2	PT-		
150	EVIDENCE STORAGE	EPOX1	EPOX1	PT-2	PT-2	PT-2	PT-2	PT-		
151	ARMORY	CONC-1	EPOX1	PT-2	PT-2	PT-2	PT-2	PT-		
152	OFFICERS	CPT-5 / LVP-1	VB-1	PT-1	PT-1	PT-1	PT-1 / WG-3	ACT-1		
153	CONFERENCE	CPT-6	VB-1	PT-4	PT-1	PT-1	PT-1	ACT-1		
154	REPORT	CPT-5	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
155	CORRIDOR	LVP-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
156	CHIEF CONF.	CPT-6	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
157	CHIEF	CPT-5	VB-1	PT-1	PT-1	PT-1	PT-4	ACT-1		
158	LIEUTENANT	CPT-5	VB-1	PT-1	PT-1	PT-1	PT-4	ACT-1		
159	LIEUTENANT	CPT-5	VB-1	PT-1	PT-1	PT-4	PT-1	ACT-1		
160	CLOSET	LVP-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
161	CORRIDOR	LVP-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
162	CLOSET	LVP-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
163	LIEUTENANT	CPT-5	VB-1	PT-1	PT-1	PT-1	PT-4	ACT-1		
164	SRO/FTO	CPT-5	VB-1	PT-1	PT-1	PT-1	PT-4	ACT-1		
165	DETECTIVE	CPT-5	VB-1	PT-1	PT-1	PT-4	PT-1	ACT-1		
166	NMR	CPT-3	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
167	FAMILY	CPT-6	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
168	MIRANDA	CPT-3	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
169	IT	CONC-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
170	COPY	LVP-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
171	BREAK	LVP-1	VB-1	PT-4	PT-1	PT-1	PT-1 / CTW-5 / CTW-6	ACT-1		G-4 (WALL)
172	RECORDS	CONC-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
173	TRAINING STORAGE	CONC-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
174	SUPPLY	CONC-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1		
201	MEZZANINE	CONC-1	VB-1	PT-2	PT-2	PT-2	PT-2	PT-		
202	BOILER	CONC-1	VB-1	PT-2	PT-2	PT-2	PT-2	PT-		
203	MEZZANINE	CONC-1	VB-1	PT-2	PT-2	PT-2	PT-2	PT-		
204	IT	CONC-1	VB-1	PT-2	PT-2	PT-2	PT-2	PT-		
205	TRAINING ROOF									

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SEH Project PDCAR 177629
Checked By Checked By
Drawn By Drawn By

Project Status FOR CONSTRUCTION
Issue Date 1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

ROOM FINISH SCHEDULE

A611

AIR HANDLING UNITS

UNIT NO.	SERVICE	UNIT																HEATING COIL								COOLING COIL						DESIGN DIMENSIONS				
		TYPE	SYSTEM TYPE	CFM OF STD. AIR	MIN. CFM OF O.A.	MAX. CFM OF O.A.	SUPPLY CONN. SIZE	EXT. S.P. IN IN. WATER	NO. OF FANS	MOTOR HP	FAN WHEEL TYPE	DRIVE TYPE	MOTOR TYPE	MAX VFD HZ.	FACE & BYPASS TYPE	FILTER TYPE	VOLUME CONTROL	SUPPORT	MAX. FACE VEL.	ENT. AIR TEMP.	LV. AIR TEMP.	ENT. H2O TEMP.	LV. H2O TEMP.	% PROP. GLYCOL	MAX. H2O P.D.	GPM	BRANCH PIPE SIZE	MAX. FACE VEL.	ENT. AIR		LV. AIR		SUCTION TEMP.	LENGTH	WIDTH	HEIGHT	WEIGHT LBS.	MANUF. MODEL
																												D.B.	W.B.	D.B.	W.B.						
AHU-1	OFFICES	HORIZ.	VAV	10,000	3,130	3,130	66x20	4.25	1	20	PLENUM	DIRECT	ODP	70 Hz	NONE	2" MERV 13	VFD	CONC. PAD	550	40 °F	70 °F	160 °F	120 °F	35	10	16.3	1 1/2"	550	78.8 °F	66.3 °F	53 °F	52.4 °F	44 °F	13' - 8"	6' - 10"	4' - 4"	3500	TRANE PSCA

ENERGY RECOVERY UNITS

UNIT NO.	SERVICE	SUPPLY SIDE												EXHAUST SIDE										MAX VFD HZ.	ENERGY WHEEL	SUPPORT	DESIGN DIMENSIONS				
		CFM OF STD. AIR	CFM OF O.A.	EXT. S.P. IN IN. WATER	WINTER E.A.T. D.B.	WINTER E.A.T. W.B.	WINTER L.A.T. D.B.	WINTER L.A.T. W.B.	SUMMER E.A.T. D.B.	SUMMER E.A.T. W.B.	SUMMER L.A.T. D.B.	SUMMER L.A.T. W.B.	MOTOR HP	DRIVE TYPE	MOTOR TYPE	INTEGRAL VFD	CFM OF EXHAUST AIR	EXT. S.P. IN IN. WATER	WINTER E.A.T. D.B.	WINTER E.A.T. W.B.	SUMMER E.A.T. D.B.	SUMMER E.A.T. W.B.	MOTOR HP	DRIVE TYPE	MOTOR TYPE	INTEGRAL VFD				WIDTH	LENGTH	HEIGHT	WEIGHT LBS.	MANUF. MODEL
ERU-1	APPARATUS BAYS 127	6,950	6,950	0.75	-15 °F	-15 °F	44.2 °F	36.4 °F	87 °F	75 °F	78.6 °F	69.1 °F	7.5	BELT	ODP	YES	7,150	0.75	70 °F	51.3 °F	75 °F	62.4 °F	7.5	BELT	ODP	YES	70	PLATE	CONC. PAD	7' - 7 1/8"	9' - 5"	6' - 9 5/8"	3,000	RENEWAIRE HE8XIN
ERU-2	DECON, TURNOUT GEAR & LAUNDRY	1,500	1,500	1	-15 °F	-15 °F	44.5 °F	36.6 °F	87 °F	75 °F	78.6 °F	68.8 °F	1.5	BELT	ODP	YES	1,500	1	70 °F	51.3 °F	75 °F	62.4 °F	1.5	BELT	ODP	YES	70	PLATE	SUSPENDED	3' - 6"	4' - 2"	2' - 11"	700	RENEWAIRE 2XINH
RERU-2	PD GARAGE 144	5,000	5,000	0.75	-15 °F	-15 °F	44.4 °F	36.5 °F	87 °F	75 °F	78.6 °F	69 °F	5	BELT	ODP	YES	5,300	0.75	70 °F	51.3 °F	75 °F	62.4 °F	5	BELT	ODP	YES	70	PLATE	ROOF CURB	9' - 5 1/8"	8' - 7"	6' - 9 5/8"	3,500	RENEWAIRE HE6XRTV

AIR COOLED COMPRESSOR-CONDENSING UNITS

UNIT NO.	COMPRESSOR							CONDENSER					VIBRATION ISOLATORS	DESIGN DIMENSIONS					MANUF. MODEL
	SERVICE	NO. OF COMP.	NOM. CAP. TONS	SUCTION TEMP.	% CAP. STEPS OF REDUCTION	EER	SEER	ENT. AIR TEMP.	NO. OF FANS	FAN TYPE	DRIVE	SUPPORT	TYPE	MIN. STATIC DEFLECT.	LENGTH	WIDTH	HEIGHT	WEIGHT LBS.	
CCU-1	AHU-1	3	30	45 °F	100-75-62-38-25-0	10.5	16	95 °F	3	PROP.	DIRECT	EQUIP. SUPPORT RAILS	C	0' - 1"	7' - 4 5/16"	5' - 0 1/8"	6' - 2 3/16"	2700	TRANE RAUK

SEALED COMBUSTION BOILERS

UNIT NO.	TYPE	AGA INPUT BTUH	AGA OUTPUT BTUH	FUEL TYPE	GAS PRESS. AT INLET IN PSIG	EXHAUST AIR PIPE SIZE	SUPPLY AIR PIPE SIZE	MIN. GPM	BURNER TYPE	SUPPORT	DIMENSIONS				MANUF. MODEL
											LENGTH	WIDTH	HEIGHT	WEIGHT LBS.	
B-1	HOT WATER CONDENSING	1,000,000	968,000	NAT. GAS	2	6"	6"	12	MODULATING	CONC. PAD	2' - 0"	2' - 4"	6' - 6"	900	AERCO BENCHMARK 1000
B-2	HOT WATER CONDENSING	1,000,000	968,000	NAT. GAS	2	6"	6"	12	MODULATING	CONC. PAD	2' - 0"	2' - 4"	6' - 6"	900	AERCO BENCHMARK 1000

ROOM AIR CONDITIONING UNITS

INDOOR UNITS					OUTDOOR UNITS				
UNIT NO.	SERVICE	TYPE	CFM OF STD. AIR	COOLING CAP. (BTU)	UNIT NO.	SERVICE	NOM. CAP. TONS	MIN. SEER	MANUF. MODEL
RAC-1	IT 169	HORIZ	530	24,000	OU-1	RAC-1	2	15	MITSUBISHI PKA/PUY
RAC-2	IT 204	HORIZ	530	24,000	OU-2	RAC-2	2	15	MITSUBISHI PKA/PUY

SEPARATED COMBUSTION GAS FIRED DUCT FURNACES

UNIT NO.	SERVICE	CFM OF STD. AIR	HEATING SECTION						MANUF. MODEL
			GAS INPUT BTU	GAS OUTPUT BTU	GAS TYPE	GAS PRESS. IN PSIG	COMB. AIR VENT DIA.	FUEL VENT DIA.	
DF-1	ERU-1	6,750	350,000	280,000	NAT. GAS	2	6"	6"	REZNOR SC
DF-2	RERU-2	5,000	250,000	200,000	NAT. GAS	2	6"	6"	REZNOR SC

EXPANSION TANKS

UNIT NO.	SERVICE	TYPE	TANK DIA.	TANK HEIGHT	CAPACITY GAL.	SUPPORT	MANUF. MODEL
EXP-1	HOT WATER	VERT.	30"	57"	132	CONC. PAD	B&G SERIES B

GLYCOL FEED SYSTEM

UNIT NO.	SYSTEM TYPE	FLOW GPM	PRESS. PSIG	TANK SIZE GAL.	B.A.S. MONITORING	SUPPORT	MANUF. MODEL
GFS-1	HOT WATER	1.0 GPM	50	55	YES	CONC. PAD	AXIOM SF100

MAGNETIC AIR & DIRT SEPARATORS

UNIT NO.	SERVICE	SYSTEM PIPE SIZE	GPM	SUPPORT	MANUF. MODEL
MS-1	HOT WATER	3"	120	SUSPENDED	CALEFFI NA546M

SYMBOLS

HS	HOT WATER SUPPLY
HR	HOT WATER RETURN
G	GAS
D	DRAIN
BV	BALL VALVE
	BUTTERFLY VALVE
CBV	CALIBRATED BALANCING VALVE
	FLOW DIRECTION
	GAS VALVE
	UNION
	FLEXIBLE DUCT
VD	MANUAL VOLUME DAMPER
CD	CONTROL DAMPER WITH ACCESSIBLE DUCT ACCESS DOOR
CDA	COMBINATION CONTROL DAMPER AND AIR MEASURING STATION WITH ACCESSIBLE DUCT ACCESS DOOR
FD	FIRE DAMPER WITH ACCESSIBLE DUCT ACCESS DOOR
	ACOUSTICAL INSULATION LINING ON INSIDE OF DUCT. LISTED DIMENSION IS CLEAR INSIDE DIMENSION.
	TURNING VANES
	BRANCH TAKE-OFF
	LOW PRESSURE FLEX. DUCT FITTING WITH MANUAL VOLUME DAMPER
T	ROOM SENSOR OR THERMOSTAT
S	REMOTE MOUNTED SWITCH
C	CARBON MONOXIDE SENSOR
	STATIC PRESSURE SENSOR

GRILLES AND DIFFUSERS

TAG NO.	SERVICE	NECK SIZE	DUCT CONN. SIZE	VOLUME DAMPER LOCATION	AIR PATTERN	MANUF. MODEL
EG-1	EXHAUST GRILLE	22x22	10"Ø	DUCT TAKEOFF	EGGCRATE	PRICE 80
EG-2	SIDEWALL EXHAUST GRILLE	18x6	-	DUCT TAKEOFF	45°	PRICE 530
EG-3	SIDEWALL EXHAUST GRILLE	40x12	-	DUCT TAKEOFF	45°	PRICE 530
EG-4	SIDEWALL EXHAUST GRILLE	48x12	-	DUCT TAKEOFF	45°	PRICE 530
EG-5	MAXIMUM SECURITY EXHAUST GRILLE	12x12	-	DUCT TAKEOFF	0°	PRICE MSPG
SG-1	PLAQUE DIFFUSER	24x24	8"Ø	DUCT TAKEOFF	4-WAY	PRICE SPD
SG-2	PLAQUE DIFFUSER	24x24	10"Ø	DUCT TAKEOFF	4-WAY	PRICE SPD
SG-3	SIDEWALL SUPPLY GRILLE	16x8	-	DUCT TAKEOFF	22.5°	PRICE 520
SG-4	SIDEWALL SUPPLY GRILLE	24x8	-	DUCT TAKEOFF	22.5°	PRICE 520
SG-5	SIDEWALL SUPPLY GRILLE	40x8	-	DUCT TAKEOFF	22.5°	PRICE 520
SG-6	MAXIMUM SECURITY SUPPLY GRILLE	12x12	-	DUCT TAKEOFF	0°	PRICE MSPG
TG-1	TRANSFER GRILLE	12x12	-	-	EGGCRATE	PRICE 80
TG-2	TRANSFER GRILLE	22x22	-	-	EGGCRATE	PRICE 80
TG-3	SIDEWALL TRANSFER GRILLE	16x8	-	-	45°	PRICE 530
TG-4	SIDEWALL TRANSFER GRILLE	16x16	-	-	45°	PRICE 530
TG-5	SIDEWALL TRANSFER GRILLE	24x16	-	-	45°	PRICE 530
TG-6	MAXIMUM SECURITY TRANSFER GRILLE	12x12	-	DUCT TAKEOFF	0°	PRICE MSPG
TG-7	MAXIMUM SECURITY TRANSFER GRILLE	16x16	-	DUCT TAKEOFF	0°	PRICE MSPG

EQUIPMENT BRANCH PIPE SIZING TABLE

NOTE: IN THE EVENT THERE IS A DISCREPANCY BETWEEN THE EQUIPMENT SCHEDULE AND THE PIPE SIZING TABLE, THE PIPE SIZING TABLE SHALL TAKE PRECEDENT.

SIZE	GPM
1/2"	0 - 1.6
3/4"	1.7 - 3.5
1"	3.6 - 6.5
1 1/4"	6.6 - 14.0
1 1/2"	14.1 - 21.0
2"	21.1 - 41.0
2 1/2"	41.1 - 66.0
3"	66.1 - 130.0
4"	130.1 - 260.0
5"	260.1 - 480.0
6"	480.1 - 800.0
8"	800.1 - 1550.0
10"	1550.1 - 2500.0
12"	2500.1 - 3600.0

GENERAL NOTES:

A. ROUTE ALL PIPING AND DUCTWORK AS REQUIRED TO AVOID CONFLICTS WITH OTHER TRADES. PROVIDE ALL OFFSETS, ELBOWS, ETC., AS REQUIRED TO CONNECT BETWEEN POINTS INDICATED.

B. MECHANICAL CONTRACTOR SHALL VERIFY CURRENT CHARACTERISTICS WITH THE ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT.

C. MECHANICAL CONTRACTOR SHALL COORDINATE EXACT OUTLET AND GRILLE LOCATIONS WITH FINAL LIGHTING LAYOUT.

D. ELECTRICAL, STRUCTURAL, PLUMBING, ETC. REQUIREMENTS FOR THE EQUIPMENT MANUFACTURER LISTED ON THE SCHEDULE IS REFLECTED ON THE DOCUMENTS OF OTHER TRADES. ANY MODIFICATIONS NECESSARY TO ACCOMMODATE A MANUFACTURER OTHER THAN THAT LISTED IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.

E. THE WORK SHOWN ON THESE CONSTRUCTION DRAWINGS IS TO BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS INCLUDED IN DIVISIONS 23 AND 25 OF THE COMPLETE CONTRACT DOCUMENTS.

WISCONSIN PROFESSIONAL ENGINEER
RANDY L. ALL
E-30277
CEDARBURG
WI

HVAC SHEET INDEX

	MSA JOB No. 20487077
H001	SCHEDULES
H002	SCHEDULES
H003	SCHEDULES
H110	OVERALL LEVEL 1 PLAN
H111	LEVEL 1 DUCTWORK PLAN - APPARATUS BAY
H112	LEVEL 1 DUCTWORK PLAN - OFFICE/GARAGE
H120	LEVEL 2 OVERALL PLAN
H130	OVERALL ROOF PLAN
H211	LEVEL 1 PIPING PLAN - APPARATUS BAY
H212	LEVEL 1 PIPING PLAN - OFFICE/GARAGE
H311	LEVEL 1 PLENUM PLAN
H411	LEVEL 1 RADIANT FLOORING PLAN - APPARATUS BAY
H511	NORTH MEZZANINE PLANS
H512	SOUTH MEZZANINE PLANS
H513	SECTION VIEWS
H611	DETAILS
H612	DETAILS
H613	DETAILS

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SEH Project	PDCAR 177629
Checked By	R.A.
Drawn By	J.R.

Project Status	Issue Date
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE
2	Plan Review	10/22/25

SCHEDULES

H001

PUMPS

UNIT NO.	SERVICE	PUMP SIZE	GPM	FEET OF WATER HEAD	MOTOR HP	MOTOR RPM	MOTOR TYPE	VFD	SUPPORT	% PROP. GLYCOL	VIBRATION ISOLATORS TYPE	VIBRATION ISOLATORS MIN. STATIC DEFLECT.	SUCTION DIFFUSER INLET SIZE	SUCTION DIFFUSER OUTLET SIZE	SUCTION DIFFUSER START-UP STRAINER	WEIGHT LBS.	MANUF. MODEL
P-1	HOT WATER SYSTEM	2 x 2.5	120	70	5	1800	ODP	YES	CONC. PAD	35	IB	0' - 1"	3"	2 1/2"	YES	300	B&G SERIES e1532
P-2	P-1 STANDBY	2 x 2.5	120	70	5	1800	ODP	YES	CONC. PAD	35	IB	0' - 1"	3"	2 1/2"	YES	300	B&G SERIES e1532

NOTE: SCHEDULED PUMP HEAD ALREADY INCLUDES FACTORS FOR GLYCOL.

RADIANT FLOOR

UNIT NO.	SERVICE	TUBE SIZE	DISTANCE BETWEEN TUBES	TOTAL CAP. BTU	AREA SERVED IN SQ.FT.	MAX. DESIGN FLOOR TEMP.	MANIFOLD NO. OF CIRCUITS	MEAN WATER TEMP.	BRANCH PIPE SIZE	MAX. P.D. IN FT. WATER	% PROP. GLYCOL	GPM	COVERING R VALUE	MANUF. MODEL
RF-1	APPARATUS BAYS 127	5/8"	12"	102,002	3,077 ft²	85 °F	9	115 °F	1 1/4"	15 FT	35	10.9	0	ROTH
RF-2	APPARATUS BAYS 127	5/8"	12"	108,191	3,263 ft²	85 °F	9	115 °F	1 1/4"	15 FT	35	11.6	0	ROTH
RF-3	APPARATUS BAYS 127	5/8"	12"	118,259	3,567 ft²	85 °F	10	115 °F	1 1/4"	15 FT	35	12.7	0	ROTH
RF-4	SHOP 128, SCBA 129, DECON LOCKER 131, DECON 132 & 133	5/8"	12"	24,260	635 ft²	85 °F	2	115 °F	1"	15 FT	35	2.6	0	ROTH
RF-5	CORRIDOR 130, TURNOUT GEAR 134, AND LAUNDRY 135	5/8"	12"	24,770	714 ft²	85 °F	2	115 °F	1"	15 FT	35	2.7	0	ROTH
RF-6	HOSE 136	5/8"	12"	20,516	542 ft²	85 °F	2	115 °F	1"	15 FT	35	2.1	0	ROTH

ROOF EXHAUSTERS

UNIT NO.	SERVICE	CFM OF STD. AIR	MAX. SONES	EXT. S.P. IN IN. WATER	MOTOR HP	DRIVE	MOTOR TYPE	VOLUME CONTROL	DAMPER	SUPPORT	MANUF. MODEL
RE-1	AHU-1 RELIEF AIR	3,435	15	0.75	2	DIRECT	ECPM	ECM/VFD	BY B.A.S.	ROOF CURB	GREENHECK CUE-200-VG
RE-2	AHU-1 RELIEF AIR	3,435	15	0.75	2	DIRECT	ECPM	ECM/VFD	BY B.A.S.	ROOF CURB	GREENHECK CUE-200-VG
RE-3	JANITOR 112, TOILET 115, 139, 140, 141, AND LOCKER 138	1,490	15	0.75	0.5	DIRECT	ECPM	ECM/POT.	BY B.A.S.	ROOF CURB	GREENHECK CUE-140-VG
RE-4	LOCKER 117, TOILET 118, AND TOILET 119	720	10	0.75	0.25	DIRECT	ECPM	ECM/POT.	BY B.A.S.	ROOF CURB	GREENHECK CUE-099-VG
RE-5	ARRESTEE 145	200	10	0.5	0.1	DIRECT	ECPM	ECM/POT.	BY B.A.S.	ROOF CURB	GREENHECK CUE-080-VG
RE-6	EVIDENCE PROCESSING 147 - FLUSHING	450	10	0.75	0.167	DIRECT	ECPM	ECM/POT.	BY B.A.S.	ROOF CURB	GREENHECK CUE-095-VG
RE-7	EVIDENCE STORAGE 148	720	10	0.75	0.25	DIRECT	ECPM	ECM/POT.	BY B.A.S.	ROOF CURB	GREENHECK CUE-099-VG
RE-8	EVIDENCE STORAGE 148 - FUME HOOD	510	10	0.75	0.25	DIRECT	ECPM	ECM/POT.	BY B.A.S.	ROOF CURB	GREENHECK CUE-099-VG
RE-9	BREAK 171 - FLUSHING	500	10	0.75	0.25	DIRECT	ECPM	ECM/POT.	BY B.A.S.	ROOF CURB	GREENHECK CUE-099-VG

CABINET HEATERS

UNIT NO.	SERVICE	TYPE	CAP. MBH	CFM OF STD. AIR	MOTOR HP	DRIVE	MOTOR TYPE	SPEED	RECESS	ELEV. ABOVE FIN. FL.	ENT. H2O TEMP.	LV. H2O TEMP.	% PROP. GLYCOL	GPM	BRANCH PIPE SIZE	MANUF. MODEL
CH-1	VESTIBULE 137	IW	17.9	220	0.25	DIRECT	ECPM	3	0' - 0"	0' - 8"	160 °F	140 °F	35	2.5	3/4"	RITTLING 02

UNIT HEATERS

UNIT NO.	SERVICE	TYPE	CAP. MBH	CFM OF STD. AIR	MOTOR HP	MOTOR RPM	SPEED	DIFFUSER	ENT. H2O TEMP.	LV. H2O TEMP.	% PROP. GLYCOL	GPM	BRANCH PIPE SIZE	MIN. ELEV. ABOVE FIN. FL.	MANUF. MODEL
UH-1	PD GARAGE 144	HORIZ.	43	1,340	0.13	1625	1	HORIZ.	160 °F	140 °F	35	6	1"	8' - 0"	MODINE HC 86
UH-2	PD GARAGE 144	HORIZ.	43	1,340	0.13	1625	1	HORIZ.	160 °F	140 °F	35	6	1"	8' - 0"	MODINE HC 86
UH-3	PD GARAGE 144	HORIZ.	43	1,340	0.13	1625	1	HORIZ.	160 °F	140 °F	35	6	1"	8' - 0"	MODINE HC 86
UH-4	PD GARAGE 144	HORIZ.	43	1,340	0.13	1625	1	HORIZ.	160 °F	140 °F	35	6	1"	8' - 0"	MODINE HC 86
UH-5	MEZZANINE 201	HORIZ.	22.1	730	0.08	1550	1	HORIZ.	160 °F	140 °F	35	3.1	3/4"	6' - 0"	MODINE HC 47
UH-6	BOILER 202	HORIZ.	15.5	630	0.04	1550	1	HORIZ.	160 °F	140 °F	35	2.2	3/4"	6' - 0"	MODINE HC 33
UH-7	MEZZANINE 203	HORIZ.	15.5	630	0.04	1550	1	HORIZ.	160 °F	140 °F	35	2.2	3/4"	6' - 0"	MODINE HC 33
UH-8	MEZZANINE 203	HORIZ.	15.5	630	0.04	1550	1	HORIZ.	160 °F	140 °F	35	2.2	3/4"	6' - 0"	MODINE HC 33

RANGE HOODS

UNIT NO.	SERVICE	CFM OF STD. AIR	HOOD WIDTH	HOOD LENGTH	HOOD HEIGHT	EXT. S.P. (IN. W.C.)	EXH. RISER SIZE	HOOD HANGING WEIGHT	HOOD CONSTRUCTION	TYPE I HOOD	FIRE SUPP. SYSTEM	MANUF. MODEL
RH-1	KITCHEN 105	240	1' - 5 1/2"	2' - 6"	0' - 6"	0.1	10" x 3.25"	20	STAINLESS STEEL	NO	NO	BROAN BCDF 130

CONVECTORS

UNIT NO.	SERVICE	CABINET SIZE D	CABINET SIZE L	CABINET SIZE H	ELEMENT SIZE	CAP. MBH	TYPE	RECESS	ENT. H2O TEMP.	LV. H2O TEMP.	% PROP. GLYCOL	GPM	BRANCH PIPE SIZE	MANUF. MODEL
C-1	TOILET 102	4"	24"	32"	4 x 21	1.5	RGB	4"	160 °F	140 °F	35	0.4	1/2"	RITTLING PL
C-2	TOILET 103	4"	24"	32"	4 x 21	1.5	RGB	4"	160 °F	140 °F	35	0.4	1/2"	RITTLING PL
C-3	TOILET 118	4"	24"	32"	4 x 21	1.5	W	0"	160 °F	140 °F	35	0.4	1/2"	RITTLING WL
C-4	TOILET 119	4"	24"	32"	4 x 21	1.5	W	0"	160 °F	140 °F	35	0.4	1/2"	RITTLING WL

BOOSTER COILS

UNIT NO.	SERVICE	WIDTH	HEIGHT	CFM OF STD. AIR	MAX. FACE VEL. H.C.	ENT. AIR TEMP.	LV. AIR TEMP.	ENT. H2O TEMP.	LV. H2O TEMP.	ACC. DOOR SIZE	% PROP. GLYCOL	MAX. H2O P.D. IN FT.	GPM	BRANCH PIPE SIZE	MANUF. MODEL
BC-1	ERU-1	24	18	1,500	500	40 °F	85 °F	160 °F	120 °F	12x18	35	10	3.7	1"	DAIKIN

CEILING EXHAUST FANS

UNIT NO.	SERVICE	CFM OF STD. AIR	TYPE	MAX. SONES	EXT. S.P. IN IN. WATER	MOTOR WATTS	MOTOR RPM	MOTOR TYPE	VOLUME CONTROL	MANUF. MODEL
CE-1	TOILET 102	130	CLG.	5	0.5	42 W	900	PSC	SP.SW.	GREENHECK SP-A200
CE-2	TOILET 103	130	CLG.	5	0.5	42 W	900	PSC	SP.SW.	GREENHECK SP-A200

IN-LINE PUMPS

UNIT NO.	SERVICE	SIZE	GPM	FEET OF WATER HEAD	MOTOR HP	MOTOR RPM	MOTOR TYPE	SUPPORT	MANUF. MODEL
IP-1	RF-1	1 x 1	10.9	30	0.5	4600	ECPM	PIPE	B&G XL 55-45
IP-2	RF-2	1 x 1	11.6	30	0.5	4600	ECPM	PIPE	B&G XL 55-45
IP-3	RF-3	1 x 1	12.7	30	0.5	4600	ECPM	PIPE	B&G XL 55-45
IP-4	RF-4	1 x 1	2.6	30	0.5	4600	ECPM	PIPE	B&G XL 55-45
IP-5	RF-5	1 x 1	2.7	30	0.5	4600	ECPM	PIPE	B&G XL 55-45
IP-6	RF-6	1 x 1	2.1	30	0.5	4600	ECPM	PIPE	B&G XL 55-45

WEATHERPROOF HOODS

UNIT NO.	SERVICE	TYPE	CFM OF STD. AIR	THROAT DIMENSIONS WIDTH	THROAT DIMENSIONS LENGTH	MIN. HOOD FREE AREA (% OF THROAT AREA)	MIN. OPENING HEIGHT ABOVE ROOF	SUPPORT	MANUF. MODEL
WPH-1	AHU-1	INTAKE	10,000	3' - 0"	3' - 4"	200%	3' - 0"	ROOF CURB	COOK

ELECTRIC WALL HEATERS

UNIT NO.	SERVICE	CABINET W	CABINET H	CABINET D	CAP. WATTS	CAP. BTU	RECESS	INTEGRAL STAT	MANUF. MODEL
EWH-1	SCBA 129	16"	20"	4"	1,500	5,120	0"	YES	QMARK AWH
EWH-3	DECON 132	16"	20"	4"	1,500	5,120	0"	YES	QMARK AWH
EWH-4	DECON 133	16"	20"	4"	1,500	5,120	0"	YES	QMARK AWH
EWH-5	DECON LOCKER 131	16"	20"	4"	1,500	5,120	0"	YES	QMARK AWH
EWH-6	LAUNDRY 135	16"	20"	4"	1,500	5,120	0"	YES	QMARK AWH
EWH-7	HOSE 136	16"	20"	4"	1,500	5,120	0"	YES	QMARK AWH
EWH-8	HOSE 136	16"	20"	4"	1,500	5,120	0"	YES	QMARK AWH

DESTRATIFICATION FANS - HVLS

UNIT NO.	SERVICE	FAN DIA	MOTOR HP	CONTROL PANEL	MIN. BLADE HEIGHT A.F.F.	MANUF. MODEL
HVLS-1	APPARATUS BAYS 127	14' - 0"	2	B.A.S.	16' - 0"	B.A.F. POWERFOIL X4
HVLS-2	APPARATUS BAYS 127	14' - 0"	2	B.A.S.	16' - 0"	B.A.F. POWERFOIL X4

DESTRATIFICATION FANS

UNIT NO.	SERVICE	CFM OF STD. AIR	FAN DIA	MOTOR WATTS	SOLID STATE SPEED CONTROLLER	BLADE HEIGHT A.F.F.	MANUF. MODEL
DS-1	PD GARAGE 144	6,090	5' - 0"	70 W	YES	0' - 0"	QMARK
DS-2	PD GARAGE 144	6,090	5' - 0"	70 W	YES	0' - 0"	QMARK
DS-3	PD GARAGE 144	6,090	5' - 0"	70 W	YES	0' - 0"	QMARK
DS-4	PD GARAGE 144	6,090	5' - 0"	70 W	YES	0' - 0"	QMARK

WEATHERPROOF LOUVERS

UNIT NO.	SERVICE	NOM. WIDTH (IN.)	NOM. HEIGHT (IN.)	CFM	MAX FREE AREA VELOCITY (FPM)	MANUF. MODEL
L-1	ERU-1 OUTSIDE AIR	48	48	5,700	1,000	RUSKIN ELF6375DX
L-2	ERU-1 EXHAUST AIR	48	48	6,100	1,000	RUSKIN ELF6375DX
L-3	ERU-2 OUTSIDE AIR	24	24	1,500	1,000	RUSKIN ELF6375DX
L-4	ERU-2 EXHAUST AIR	24	24	1,500	1,000	RUSKIN ELF6375DX

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SEH Project	PDCAR 177629
Checked By	R.A.
Drawn By	J.R.
Project Status	Issue Date
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE
2	Plan Review	10/22/25

SCHEDULES

H002

MOTOR STARTERS

UNIT NO.	MCA	MOCP	MOTOR HP	VOLTAGE	PHASE	KW	STARTER FURNISHED BY	STARTER INSTALLED BY	STARTER LOCATION	STARTER TYPE	REMARKS
AHU-1			20	208	3		HVAC	EC	NEAR UNIT	VFD	
B-1	13	25		120	1		HVAC	HVAC	PRE-WIRED	-	
B-2	13	25		120	1		HVAC	HVAC	PRE-WIRED	-	
CCU-1	159	200		208	3		HVAC	HVAC	PRE-WIRED	-	
CE-1				120	1	0.04	HVAC	EC	NEAR UNIT	SP.SW.	
CE-2				120	1	0.04	HVAC	EC	NEAR UNIT	SP.SW.	
CH-1			0.25	120	1		HVAC	HVAC	PRE-WIRED	-	
DF-1	2	15		120	1		HVAC	HVAC	PRE-WIRED	-	
DF-2	2	15		120	1		HVAC	HVAC	PRE-WIRED	-	
DS-1				120	1	0.07	HVAC	EC	NEAR UNIT	SP. SW.	
DS-2				120	1	0.07	HVAC	EC	NEAR UNIT	SP. SW.	
DS-3				120	1	0.07	HVAC	EC	NEAR UNIT	SP. SW.	
DS-4				120	1	0.07	HVAC	EC	NEAR UNIT	SP. SW.	
ERU-1	45	60		208	3		HVAC	HVAC	PRE-WIRED	VFD	
ERU-2	10	15		208	3		HVAC	HVAC	PRE-WIRED	VFD	
EWH-1				120	1	1.5	HVAC	HVAC	PRE-WIRED	-	
EWH-3				120	1	1.5	HVAC	HVAC	PRE-WIRED	-	
EWH-4				120	1	1.5	HVAC	HVAC	PRE-WIRED	-	
EWH-5				120	1	1.5	HVAC	HVAC	PRE-WIRED	-	
EWH-6				120	1	1.5	HVAC	HVAC	PRE-WIRED	-	
EWH-7				120	1	1.5	HVAC	HVAC	PRE-WIRED	-	
EWH-8				120	1	1.5	HVAC	HVAC	PRE-WIRED	-	
GFS-1	1	15		120	1		HVAC	HVAC	PRE-WIRED	-	
HVLS-1			2	208	3		HVAC	EC	NEAR UNIT	SP. SW.	
HVLS-2			2	208	3		HVAC	EC	NEAR UNIT	SP. SW.	
IP-1			0.5	208	1		HVAC	HVAC	PRE-WIRED	-	
IP-2			0.5	208	1		HVAC	HVAC	PRE-WIRED	-	
IP-3			0.5	208	1		HVAC	HVAC	PRE-WIRED	-	
IP-4			0.5	208	1		HVAC	HVAC	PRE-WIRED	-	
IP-5			0.5	208	1		HVAC	HVAC	PRE-WIRED	-	
IP-6			0.5	208	1		HVAC	HVAC	PRE-WIRED	-	
OU-1	22	37		208	1		HVAC	HVAC	PRE-WIRED	-	
OU-2	22	37		208	1		HVAC	HVAC	PRE-WIRED	-	
P-1			5	208	3		HVAC	EC	NEAR UNIT	VFD	
P-2			5	208	3		HVAC	EC	NEAR UNIT	VFD	
RAC-1	1	15		208	1		HVAC	HVAC	PRE-WIRED	-	
RAC-2	1	15		208	1		HVAC	HVAC	PRE-WIRED	-	
RE-1			2	208	3		HVAC	HVAC	PRE-WIRED	ECM/VFD	
RE-2			2	208	3		HVAC	HVAC	PRE-WIRED	ECM/VFD	
RE-3			0.5	120	1		HVAC	HVAC	PRE-WIRED	ECM/POT.	
RE-4			0.25	120	1		HVAC	HVAC	PRE-WIRED	ECM/POT.	
RE-5			0.1	120	1		HVAC	HVAC	PRE-WIRED	ECM/POT.	
RE-6			0.167	120	1		HVAC	HVAC	PRE-WIRED	ECM/POT.	
RE-7			0.25	120	1		HVAC	HVAC	PRE-WIRED	ECM/POT.	
RE-8			0.25	120	1		HVAC	HVAC	PRE-WIRED	ECM/POT.	
RE-9			0.25	120	1		HVAC	HVAC	PRE-WIRED	ECM/POT.	
RERU-2	31	45		208	3		HVAC	HVAC	PRE-WIRED	VFD	
RH-1				120	1	0.08	HVAC	HVAC	PRE-WIRED	MAN.	
UH-1			0.13	120	1		HVAC	EC	NEAR UNIT	MAN.	
UH-2			0.13	120	1		HVAC	EC	NEAR UNIT	MAN.	
UH-3			0.13	120	1		HVAC	EC	NEAR UNIT	MAN.	
UH-4			0.13	120	1		HVAC	EC	NEAR UNIT	MAN.	
UH-5			0.08	120	1		HVAC	EC	NEAR UNIT	MAN.	
UH-6			0.04	120	1		HVAC	EC	NEAR UNIT	MAN.	
UH-7			0.04	120	1		HVAC	EC	NEAR UNIT	MAN.	
UH-8			0.04	120	1		HVAC	EC	NEAR UNIT	MAN.	

VARIABLE FREQUENCY DRIVES

UNIT NO.	SERVICE	CONTROL TYPE	MANUF. MODEL
VFD-1	AHU-1	VAV	ABB ACH-580
VFD-2	P-1	PRESS. DIFF. CONT.	ABB ACH-580
VFD-3	P-2	PRESS. DIFF. CONT.	ABB ACH-580

NOTE: PLEASE REFER TO THE MOTOR STARTERS SCHEDULE FOR MOTOR HP AND VOLTAGE REQUIREMENTS.

VARIABLE AIR VOLUME BOXES

		BOX				HEATING COIL								
UNIT NO.	SERVICE	CFM OF STD. AIR	MIN. CFM OF STD. AIR	UPSTREAM DUCT SIZE	MAX. AIR P.D. IN IN. OF WATER	HEATING CFM OF STD. AIR	ENT. AIR TEMP.	LV. AIR TEMP.	ENT. H2O TEMP.	LV. H2O TEMP.	% PROP. GLYCOL	GPM	BRANCH PIPE SIZE	MANUF. MODEL
V-1	LOBBY 101	580	170	10"Ø	1	580	55 °F	100 °F	160 °F	140 °F	35	2.8	3/4"	PRICE SDV
V-2	TRAINING 104	1,280	380	14x10	1	1,280	55 °F	90 °F	160 °F	140 °F	35	4.8	1"	PRICE SDVLP
V-3	KITCHEN 105 & DINING 110	830	250	12"Ø	1	830	55 °F	90 °F	160 °F	140 °F	35	3.1	3/4"	PRICE SDV
V-4	RECEPTION 107	110	30	6"Ø	1	110	55 °F	90 °F	160 °F	140 °F	35	0.4	1/2"	PRICE SDV
V-5	PUB. ED. 108	220	70	6"Ø	1	220	55 °F	85 °F	160 °F	140 °F	35	0.7	1/2"	PRICE SDV
V-6	DAYROOM 111 & CORRIDOR 109	440	130	8"Ø	1	440	55 °F	85 °F	160 °F	140 °F	35	1.4	1/2"	PRICE SDV
V-7	EXERCISE 116	640	190	10"Ø	1	640	55 °F	85 °F	160 °F	140 °F	35	2.1	3/4"	PRICE SDV
V-8	LOCKER 117 & CORRIDOR 113	470	140	10"Ø	1	470	55 °F	85 °F	160 °F	140 °F	35	1.5	1/2"	PRICE SDV
V-9	STORAGE 120 & ALARM 126	630	190	10"Ø	1	630	55 °F	85 °F	160 °F	140 °F	35	2	3/4"	PRICE SDV
V-10	CONFERENCE 122	340	100	6"Ø	1	340	55 °F	85 °F	160 °F	140 °F	35	1.1	1/2"	PRICE SDV
V-11	LINE OFFICER 123	210	60	6"Ø	1	210	55 °F	95 °F	160 °F	140 °F	35	0.9	1/2"	PRICE SDV
V-12	FD CHIEF 124	200	60	6"Ø	1	200	55 °F	90 °F	160 °F	140 °F	35	0.8	1/2"	PRICE SDV
V-13	INSPECTOR 125 & CORRIDOR 121	320	100	6"Ø	1	320	55 °F	95 °F	160 °F	140 °F	35	1.4	1/2"	PRICE SDV
V-14	LOCKER 138	430	130	8"Ø	1	430	55 °F	85 °F	160 °F	140 °F	35	1.4	1/2"	PRICE SDV
V-15	CORR 142, GEAR 143 & ARMORY 151	470	140	10"Ø	1	470	55 °F	85 °F	160 °F	140 °F	35	1.5	1/2"	PRICE SDV
V-16	ARRESTEE 145 & HARD 146	320	100	6"Ø	1	320	55 °F	85 °F	160 °F	140 °F	35	1	1/2"	PRICE SDV
V-17	EVIDENCE PROCESSING 147 & EVIDENCE STORAGE 148	820	250	12"Ø	1	820	55 °F	85 °F	160 °F	140 °F	35	2.7	3/4"	PRICE SDV
V-18	OFFICERS 152	980	290	12"Ø	1	980	55 °F	85 °F	160 °F	140 °F	35	3.2	3/4"	PRICE SDV
V-19	CONFERENCE 153 & REPORT 154	360	110	8"Ø	1	360	55 °F	85 °F	160 °F	140 °F	35	1.2	1/2"	PRICE SDV
V-20	CHIEF CONF. 156 & CORRIDOR 155	250	80	6"Ø	1	250	55 °F	85 °F	160 °F	140 °F	35	0.8	1/2"	PRICE SDV
V-21	CHIEF 157	210	60	6"Ø	1	210	55 °F	90 °F	160 °F	140 °F	35	0.8	1/2"	PRICE SDV
V-22	LIEUTENANT 158	200	60	6"Ø	1	200	55 °F	90 °F	160 °F	140 °F	35	0.8	1/2"	PRICE SDV
V-23	LIEUTENANT 159	200	60	6"Ø	1	200	55 °F	90 °F	160 °F	140 °F	35	0.8	1/2"	PRICE SDV
V-24	COPY 170	160	50	6"Ø	1	160	55 °F	85 °F	160 °F	140 °F	35	0.5	1/2"	PRICE SDV
V-25	BREAK 171	220	70	6"Ø	1	220	55 °F	85 °F	160 °F	140 °F	35	0.7	1/2"	PRICE SDV
V-26	RECORDS 172 & STORAGE 173	280	80	6"Ø	1	280	55 °F	85 °F	160 °F	140 °F	35	0.9	1/2"	PRICE SDV
V-27	LIEUTENANT 163	200	60	6"Ø	1	200	55 °F	90 °F	160 °F	140 °F	35	0.8	1/2"	PRICE SDV
V-28	SRO/FTO 164	200	60	6"Ø	1	200	55 °F	90 °F	160 °F	140 °F	35	0.8	1/2"	PRICE SDV
V-29	DETECTIVE 165	200	60	6"Ø	1	200	55 °F	90 °F	160 °F	140 °F	35	0.8	1/2"	PRICE SDV
V-30	NMR 166	150	50	6"Ø	1	150	55 °F	95 °F	160 °F	140 °F	35	0.6	1/2"	PRICE SDV
V-31	FAMILY 167	260	80	6"Ø	1	260	55 °F	95 °F	160 °F	140 °F	35	1.1	1/2"	PRICE SDV
V-32	MIRANDA 168 & CORRIDOR 161	310	90	6"Ø	1	310	55 °F	85 °F	160 °F	140 °F	35	1	1/2"	PRICE SDV
V-33	SUPPLY 174 & CORRIDOR 106	290	90	6"Ø	1	290	55 °F	85 °F	160 °F	140 °F	35	0.9	1/2"	PRICE SDV

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Drawn By	J.R.

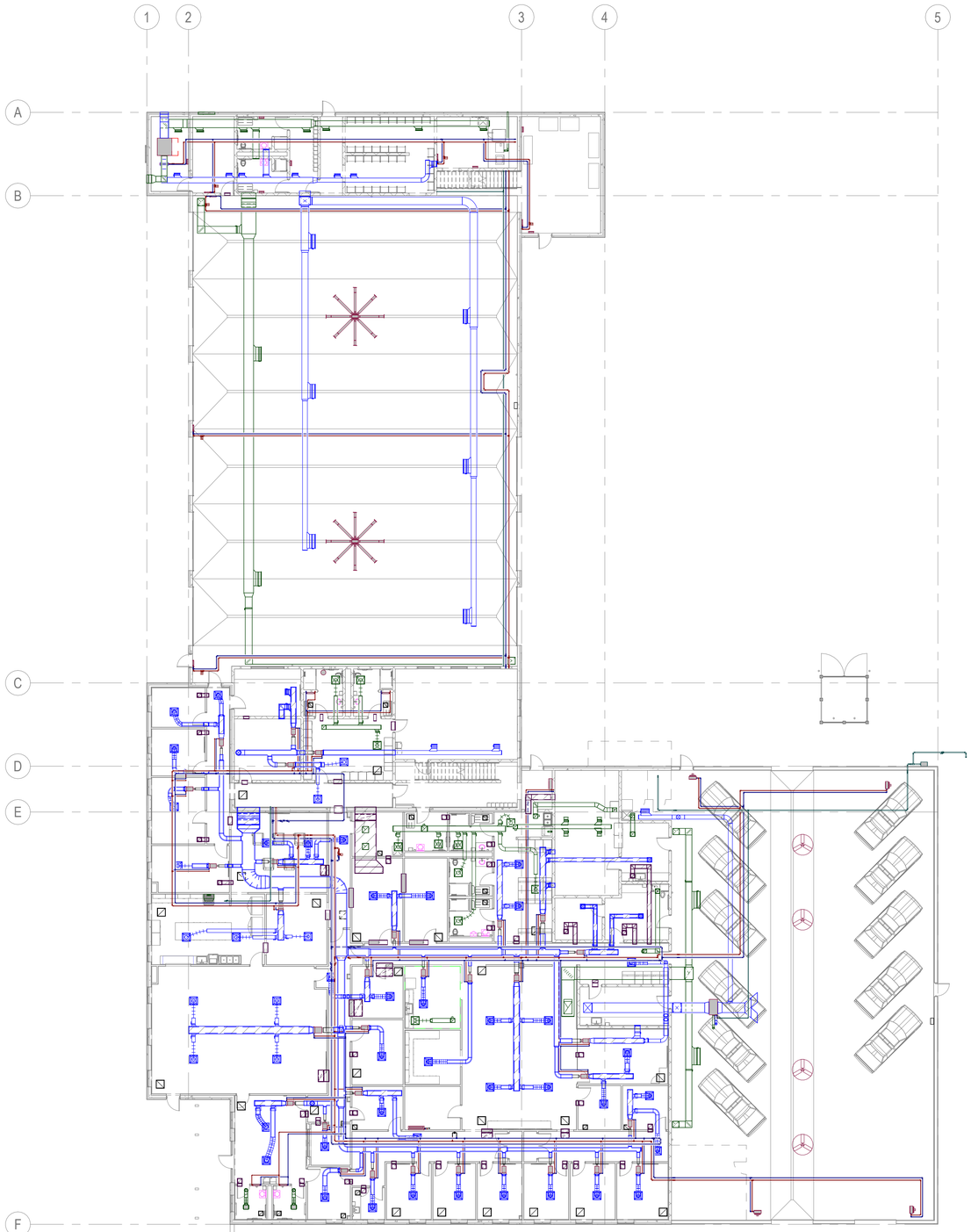
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE
2	Plan Review	10/22/25

SCHEDULES

H003



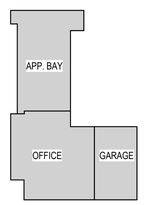
1 H110 OVERALL LEVEL 1 PLAN

1/16" = 1'-0"

0' 8' 16' 32' 48'

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KEY PLAN

PROJECT NORTH

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CITY OF PRAIRIE DU CHIEN

PUBLIC SAFETY FACILITY

705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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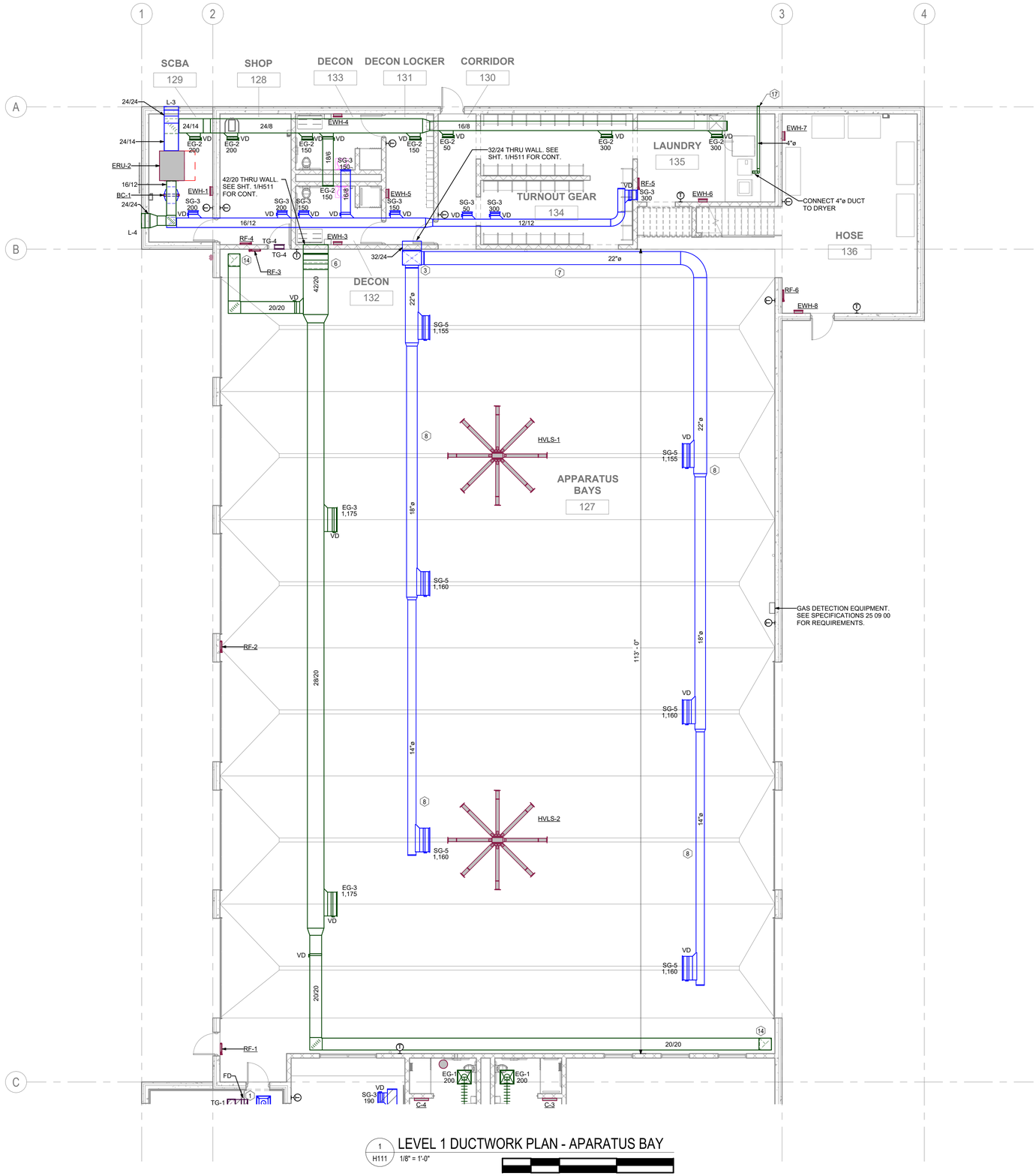
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE
2	Plan Review	10/22/25

OVERALL LEVEL 1 PLAN

H110

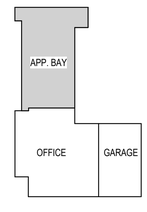


1 H111 LEVEL 1 DUCTWORK PLAN - APARATUS BAY

1/8" = 1'-0"

0' 4' 8' 16' 24'

KEYED NOTES	
HEX KEY	**DESCRIPTION**
1	OPEN END TRANSFER DUCT ABOVE CEILING.
3	RISE DUCTWORK/PIPING UP AS REQUIRED.
6	OFFSET DUCTWORK/PIPING DOWN AS REQUIRED.
7	DUCTWORK/PIPING RUN IN JOIST SPACE. COORDINATE WITH STRUCTURE.
8	DUCTWORK/PIPING RUN THROUGH JOIST WEBBING. COORDINATE WITH STRUCTURE.
14	20/20 FROM WITHIN 12" OF FINISHED FLOOR. BALANCE TO 2,400 CFM. TERMINATE WITH WIRE MESH SCREEN.
17	4"ø DRYER VENT DUCT THROUGH WALL. SEAL PENETRATION WEATHERTIGHT. DRYER BY OTHERS. TERMINATE IN ACCORDANCE WITH ALL DRYER MANUFACTURER'S RECOMMENDATIONS. FIELD VERIFY EXACT REQUIREMENTS.



KEY PLAN

PROJECT NORTH

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE

2/4/2026 4:21:37 PM

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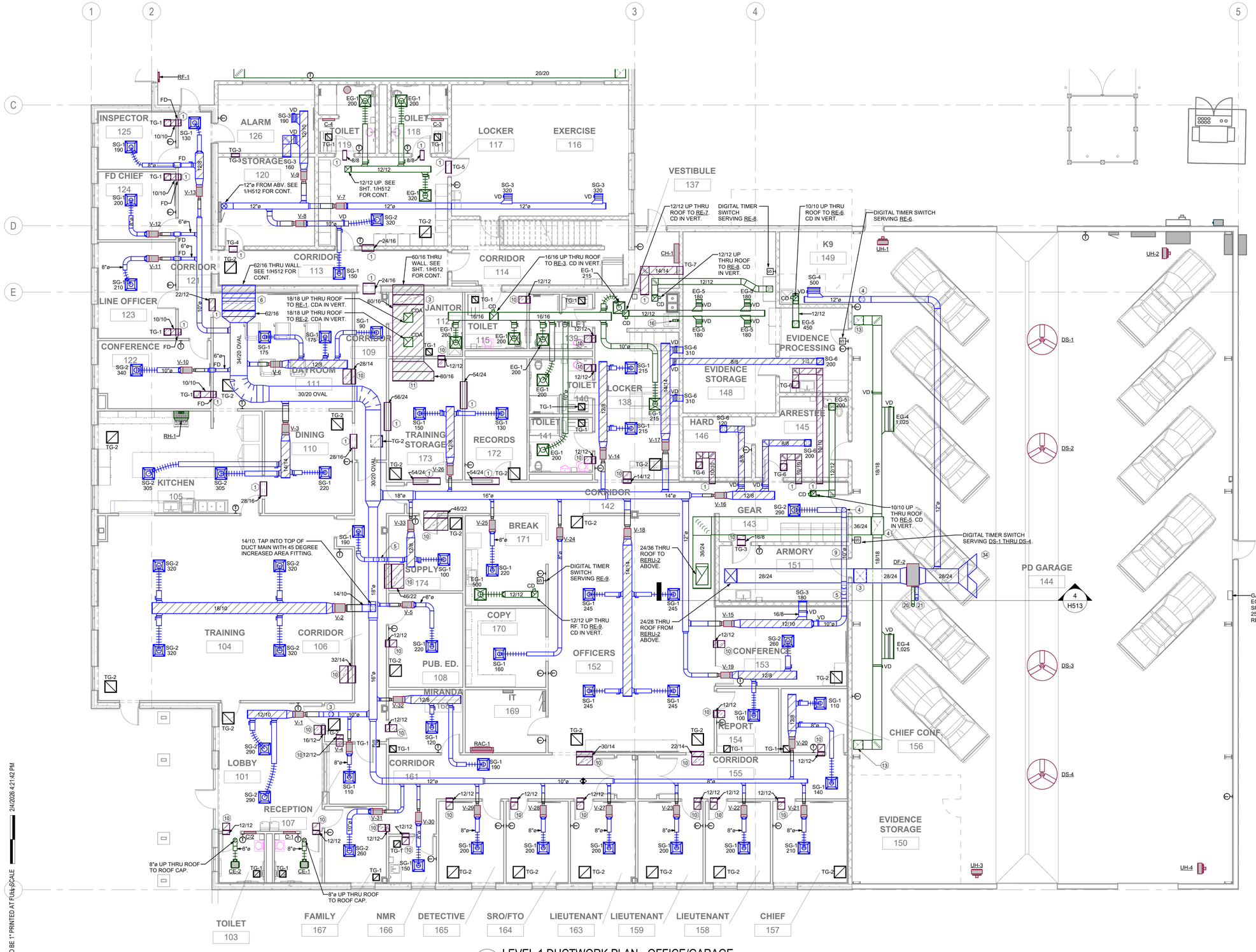
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE
1	Plan Review	10/06/25
2	Plan Review	10/22/25

LEVEL 1 DUCTWORK PLAN - APARATUS BAY

H111



1 H112 LEVEL 1 DUCTWORK PLAN - OFFICE/GARAGE

1/8" = 1'-0"

0' 4' 8' 16' 24'

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE

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KEYED NOTES

HEX KEY	DESCRIPTION
1	OPEN END TRANSFER DUCT ABOVE CEILING.
3	RISE DUCTWORK/PIPING UP AS REQUIRED.
4	DROP DUCTWORK/PIPING AS REQUIRED.
5	OFFSET DUCTWORK/PIPING UP AS REQUIRED.
6	OFFSET DUCTWORK/PIPING DOWN AS REQUIRED.
9	DUCTWORK/PIPING RUN IN END SPACE OF JOIST. COORDINATE WITH STRUCTURE.
10	OPEN END TRANSFER DUCT ABOVE CEILING. PROVIDE AN ELBOW TURNED UP ON THE INDICATED END.
11	OPEN END RETURN AIR DUCTWORK ABOVE CEILING. BALANCE TO AIRFLOW (CFM) INDICATED.
13	18/18 FROM WITHIN 12" OF FINISHED FLOOR. BALANCE TO 1,625 CFM. TERMINATE WITH WIRE MESH SCREEN.
16	4"ø DRYER VENT FROM DRYER AND UP THROUGH ROOF. DROP VENT DUCT IN WALL AND MAKE FINAL CONNECTION TO DRYER. DRYER BY OTHERS. TERMINATE IN ACCORDANCE WITH ALL DRYER MANUFACTURER'S RECOMMENDATIONS. FIELD VERIFY EXACT REQUIREMENTS.
20	6"ø VENT SERVING GAS-FIRED DUCT FURNACE FROM BELOW. TERMINATE IN ACCORDANCE WITH ALL EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
21	6"ø COMBUSTION AIR SERVING GAS-FIRED DUCT FURNACE THROUGH ROOF. TERMINATE IN ACCORDANCE WITH ALL EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
34	28/24 OPEN END Y-BRANCH DUCT OPENING. BALANCE TO 5,000 CFM TOTAL. TERMINATE WITH WIRE MESH SCREEN.

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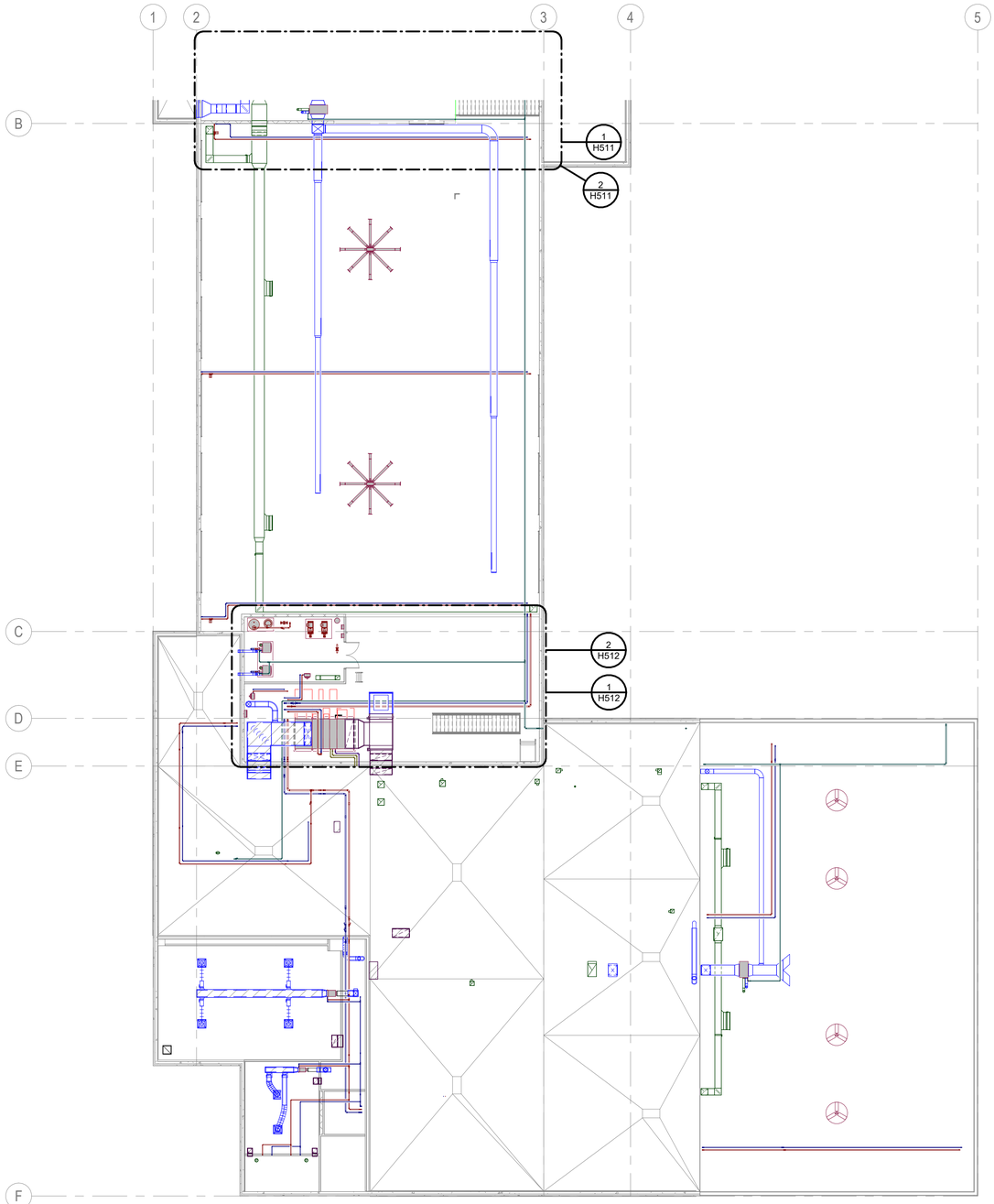
Project Status	Issue Date
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE
1	Plan Review	10/06/25

LEVEL 1 DUCTWORK PLAN - OFFICE/GARAGE

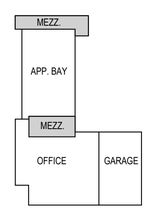
H112



1 H120 OVERALL LEVEL 2 PLAN

1/16" = 1'-0"

0' 8' 16' 32' 48'



KEY PLAN

PROJECT NORTH

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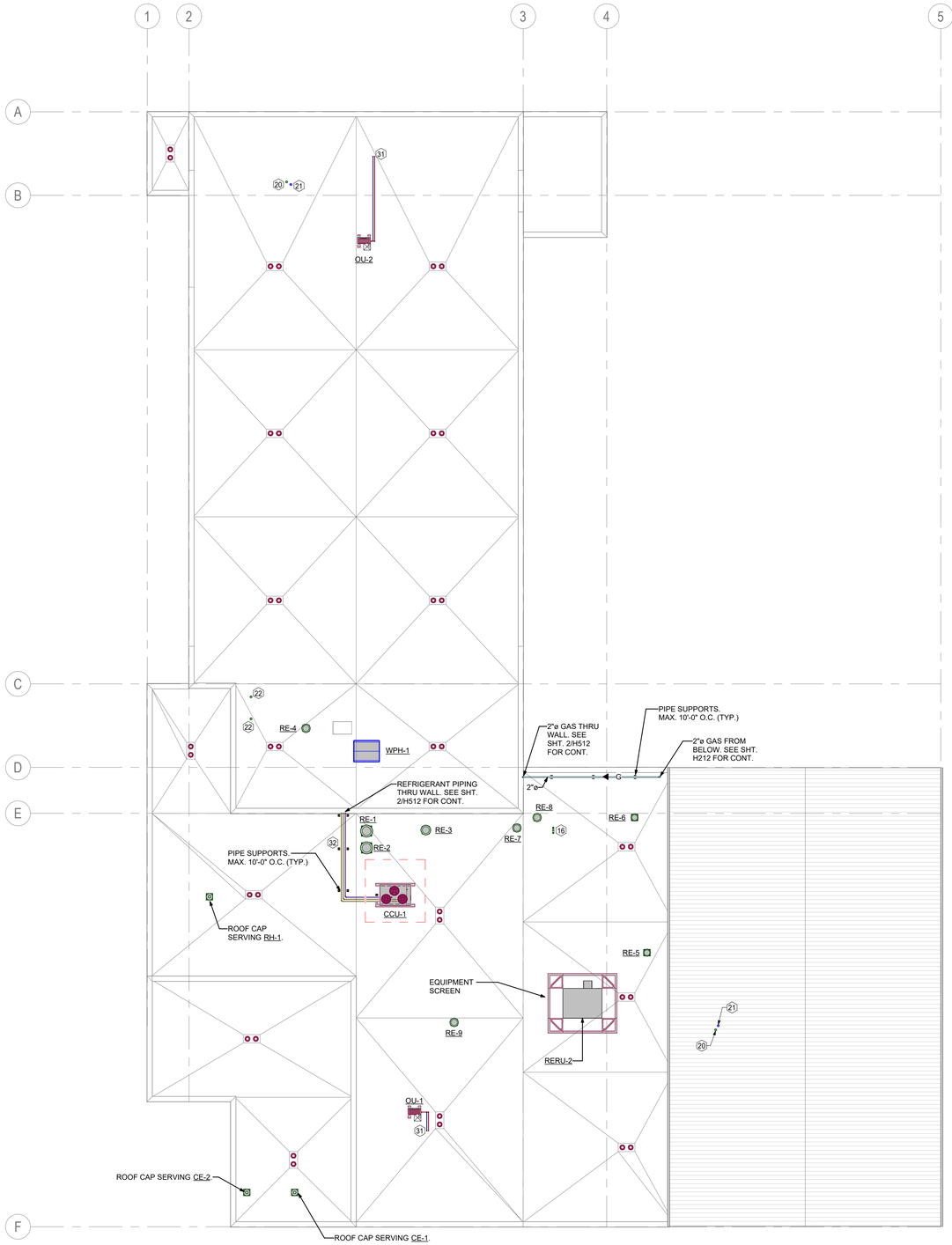
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

LEVEL 2 OVERALL PLAN

H120

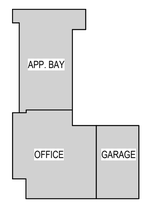


1 H130 OVERALL ROOF PLAN

1/16" = 1'-0"

0' 8' 16' 32' 48'

KEYED NOTES	
HEX KEY	**DESCRIPTION**
16	4"ø DRYER VENT FROM DRYER AND UP THROUGH ROOF. DROP VENT DUCT IN WALL AND MAKE FINAL CONNECTION TO DRYER. DRYER BY OTHERS. TERMINATE IN ACCORDANCE WITH ALL DRYER MANUFACTURER'S RECOMMENDATIONS. FIELD VERIFY EXACT REQUIREMENTS.
20	6"ø VENT SERVING GAS-FIRED DUCT FURNACE FROM BELOW. TERMINATE IN ACCORDANCE WITH ALL EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
21	6"ø COMBUSTION AIR SERVING GAS-FIRED DUCT FURNACE THROUGH ROOF. TERMINATE IN ACCORDANCE WITH ALL EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
22	6"ø BOILER VENT FROM BELOW. TERMINATE IN ACCORDANCE WITH ALL BOILER MANUFACTURER'S RECOMMENDATIONS.
31	REFRIGERANT PIPING FROM ROOM AIR CONDITIONING UNIT BELOW. PENETRATE ROOF IN A PIPE CURB ASSEMBLY. REFRIGERANT PIPE SIZING BY EQUIPMENT MANUFACTURER.
32	REFRIGERANT PIPING FROM AIR-COOLED CONDENSING UNIT. PENETRATE THROUGH WALL AND SEAL WEATHERTIGHT. REFRIGERANT PIPE SIZING BY EQUIPMENT MANUFACTURER.



KEY PLAN

PROJECT NORTH

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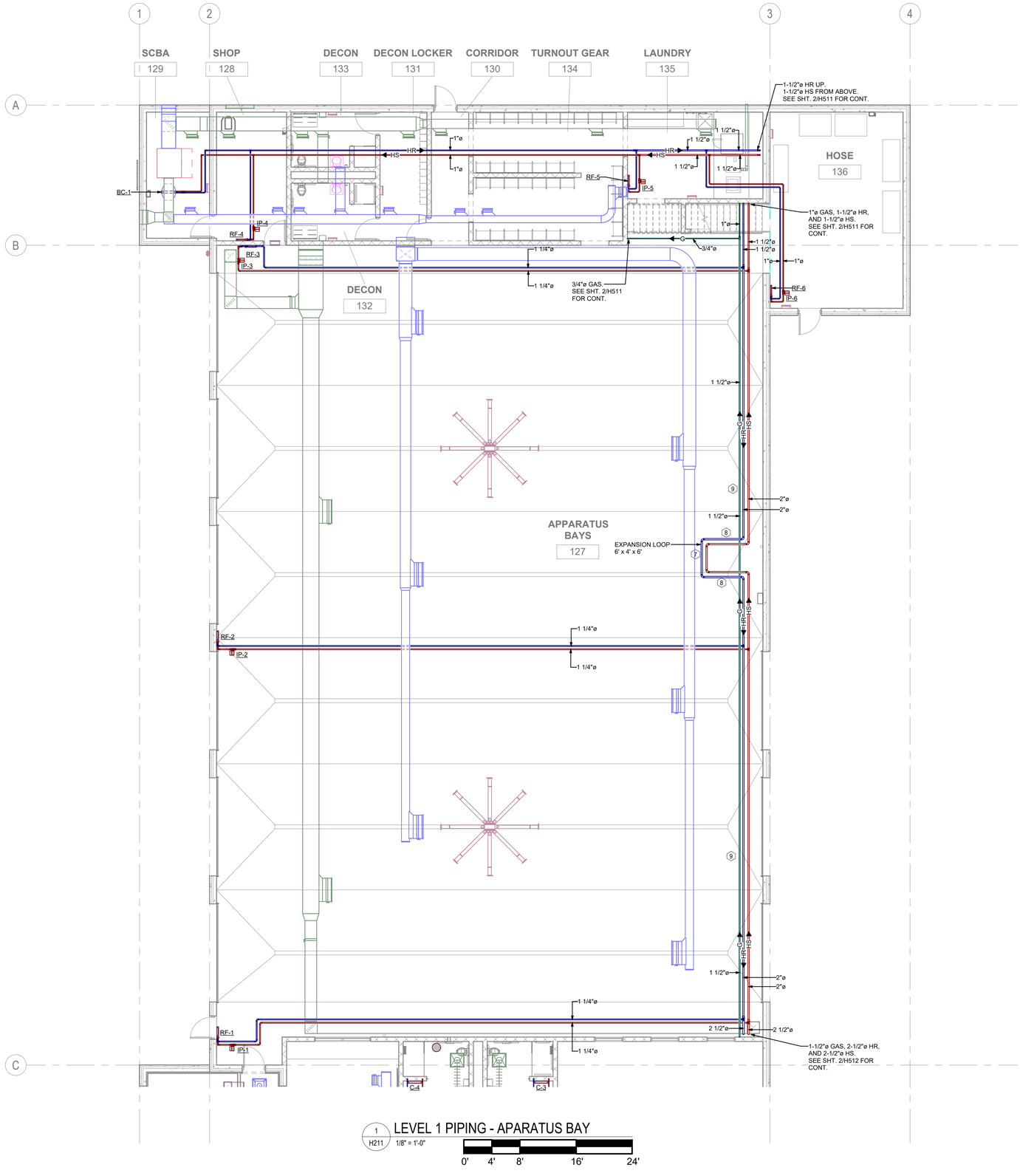
Project Status	**Issue Date**
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REV. #	DESCRIPTION	DATE

OVERALL ROOF PLAN

H130

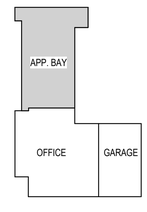


1 H211 LEVEL 1 PIPING - APARATUS BAY

1/8" = 1'-0"

0' 4' 8' 16' 24'

KEYED NOTES	
HEX KEY	**DESCRIPTION**
7	DUCTWORK/PIPING RUN IN JOIST SPACE. COORDINATE WITH STRUCTURE.
8	DUCTWORK/PIPING RUN THROUGH JOIST WEBBING. COORDINATE WITH STRUCTURE.
9	DUCTWORK/PIPING RUN IN END SPACE OF JOIST. COORDINATE WITH STRUCTURE.



KEY PLAN

PROJECT NORTH

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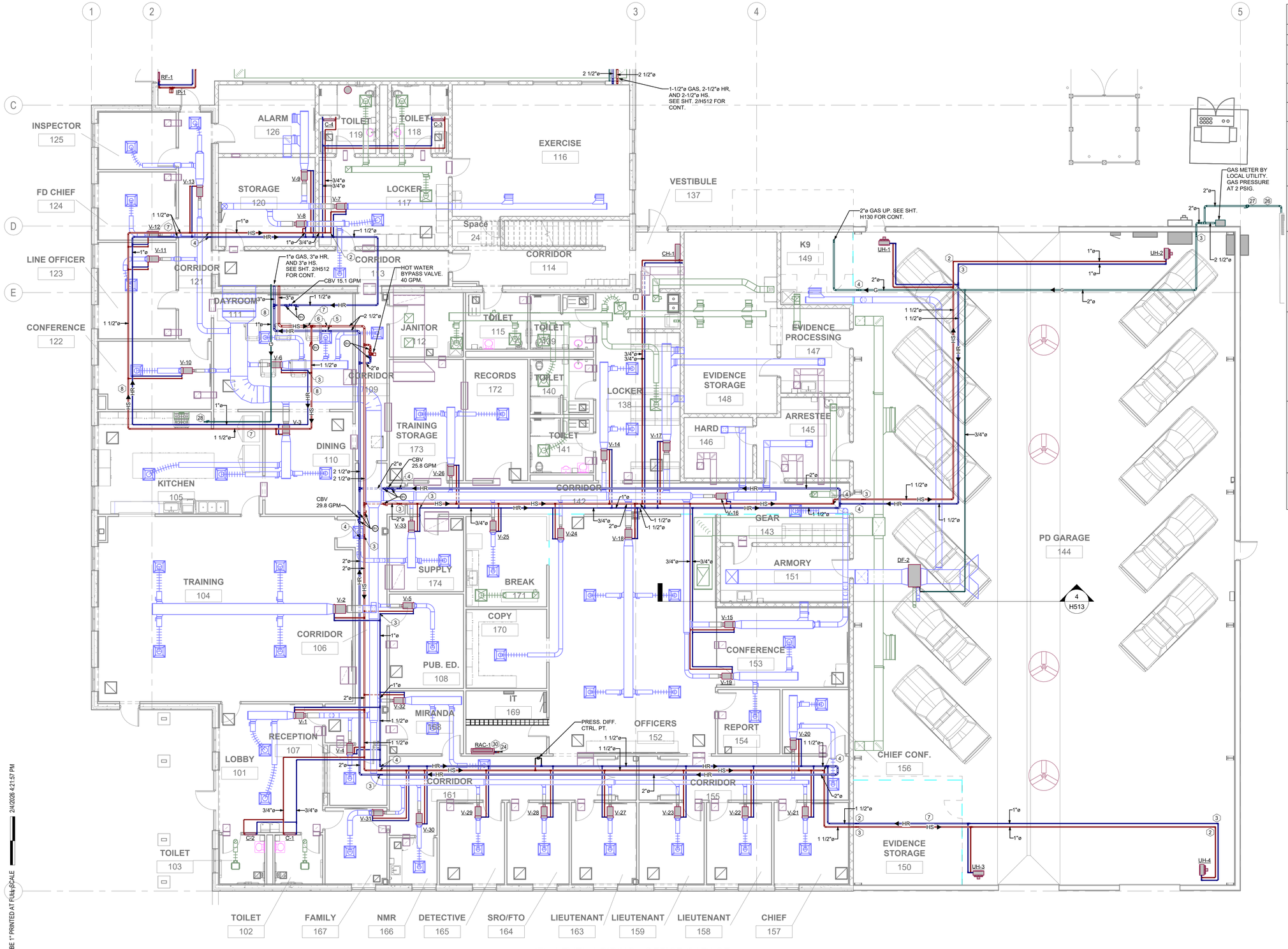
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE
2	Plan Review	10/22/25

LEVEL 1 PIPING PLAN - APPARATUS BAY

H211



1 H212 LEVEL 1 PIPING - OFFICE/GARAGE

1/8" = 1'-0"

0' 4' 8' 16' 24'

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KEYED NOTES

HEX KEY	DESCRIPTION
2	DROP AND VENT
3	RISE DUCTWORK/PIPING UP AS REQUIRED.
4	DROP DUCTWORK/PIPING AS REQUIRED.
5	OFFSET DUCTWORK/PIPING UP AS REQUIRED.
6	OFFSET DUCTWORK/PIPING DOWN AS REQUIRED.
7	DUCTWORK/PIPING RUN IN JOIST SPACE. COORDINATE WITH STRUCTURE.
8	DUCTWORK/PIPING RUN THROUGH JOIST WEBBING. COORDINATE WITH STRUCTURE.
24	3/4"ø LOOP SEAL NEAR UNIT. SEE DETAIL. EXTEND DRAIN PIPE TO HUB DRAIN. HUB DRAIN WITHIN 10'-0" BY PLUMBER.
26	2"ø GAS PIPE RUN TO EMERGENCY GENERATOR. GAS LINE SERVING THE EMERGENCY GENERATOR SHALL BE CONNECTED ON THE SUPPLY SIDE OF THE MAIN GAS SHUTOFF VALVE AND MARKED AS SUPPLY FOR AN EMERGENCY GENERATOR.
27	2"ø GAS PIPE AND ISOLATION VALVE FOR EMERGENCY GENERATOR. EMERGENCY GENERATOR BY THE ELECTRICAL CONTRACTOR. COORDINATE ALL CONNECTION REQUIREMENTS WITH THE ELECTRICAL CONTRACTOR. 2,782 CFH @ 2 PSIG.
28	1"ø GAS PIPE CAPPED AND VALVED FOR PLUMBER. 1"ø GAS LINE TO SERVE RESIDENTIAL KITCHEN RANGE. KITCHEN RANGE BY OWNER. COORDINATE WITH THE OWNER REGARDING GAS CAPACITY.
30	REFRIGERANT PIPING UP THROUGH ROOF TO OUTDOOR CONDENSING UNIT.

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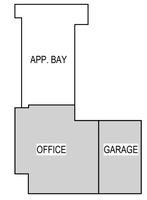
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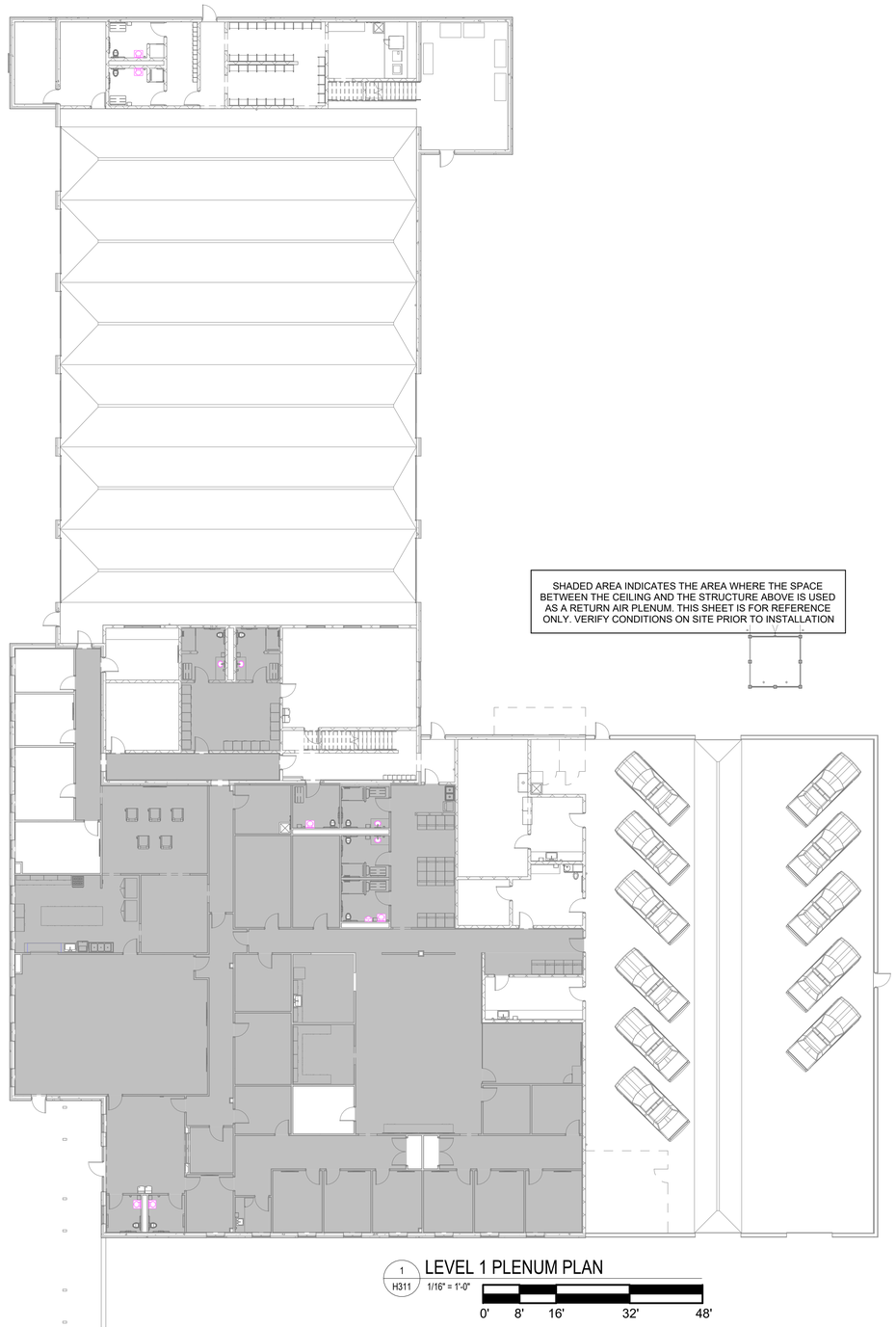


KEY PLAN

PROJECT NORTH

LEVEL 1 PIPING PLAN - OFFICE/GARAGE

H212



SHADED AREA INDICATES THE AREA WHERE THE SPACE BETWEEN THE CEILING AND THE STRUCTURE ABOVE IS USED AS A RETURN AIR PLENUM. THIS SHEET IS FOR REFERENCE ONLY. VERIFY CONDITIONS ON SITE PRIOR TO INSTALLATION

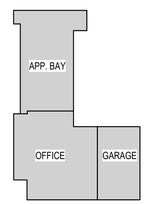
1 H311 LEVEL 1 PLENUM PLAN

1/16" = 1'-0"

0' 8' 16' 32' 48'

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2/4/2026 4:21:59 PM



KEY PLAN

PROJECT NORTH

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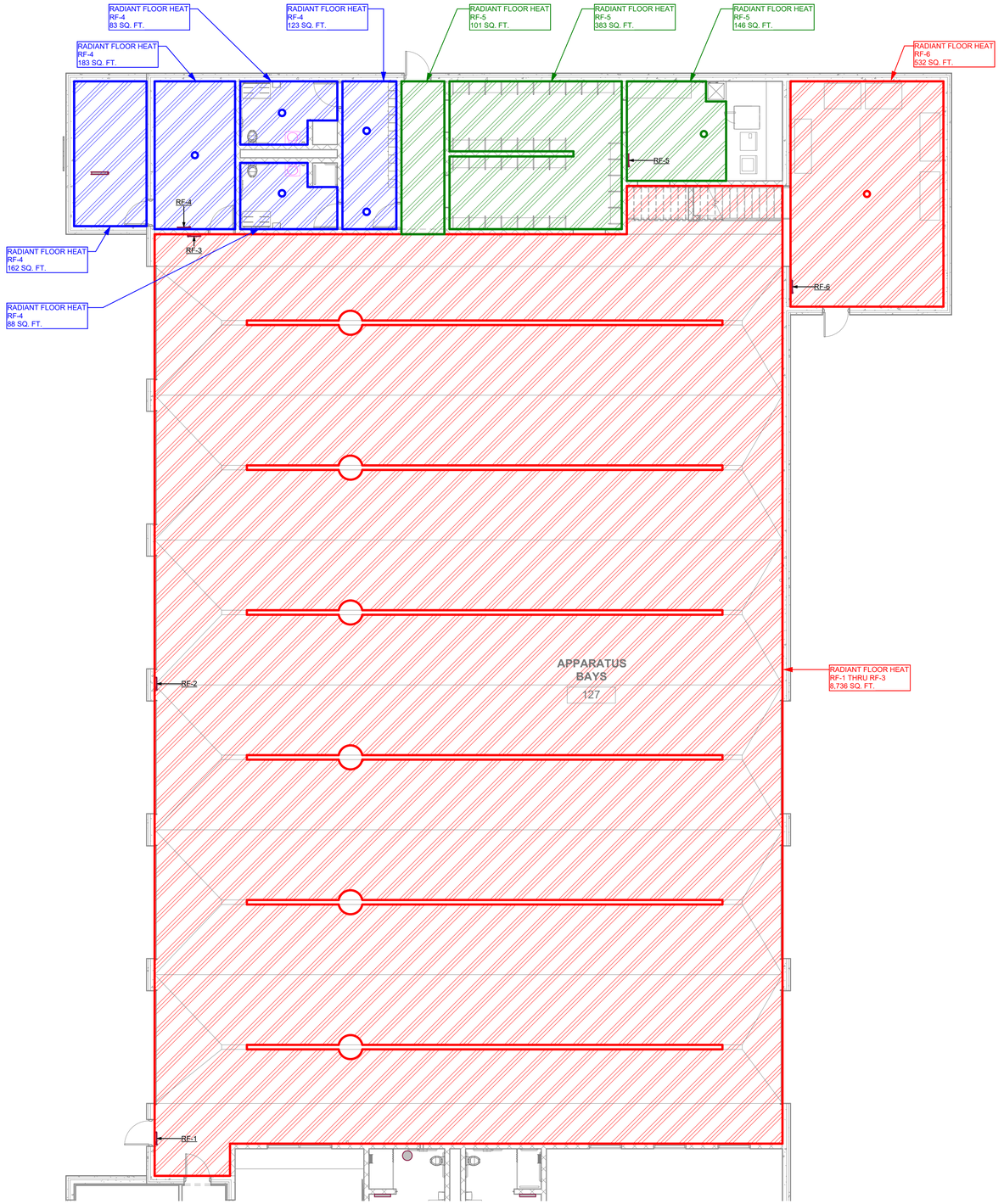
Project Status	**Issue Date**
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REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

LEVEL 1 PLENUM PLAN

H311

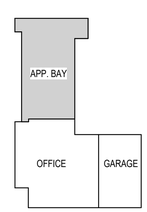


1 H411 LEVEL 1 RADIANT FLOORING PLAN - APARATUS BAY

1/8" = 1'-0"

0' 4' 8' 16' 24'

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/4/2026 4:22:00 PM



KEY PLAN

PROJECT NORTH

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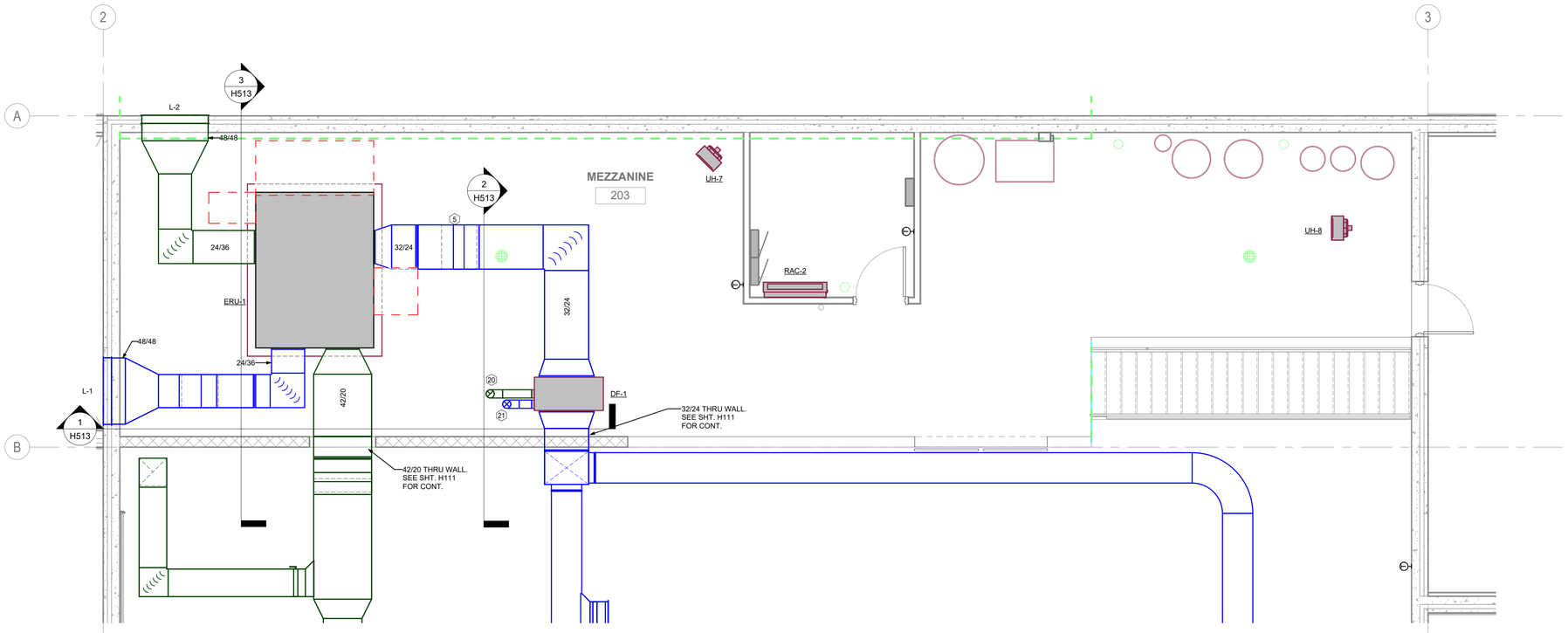
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

LEVEL 1 RADIANT FLOORING PLAN - APPARATUS BAY

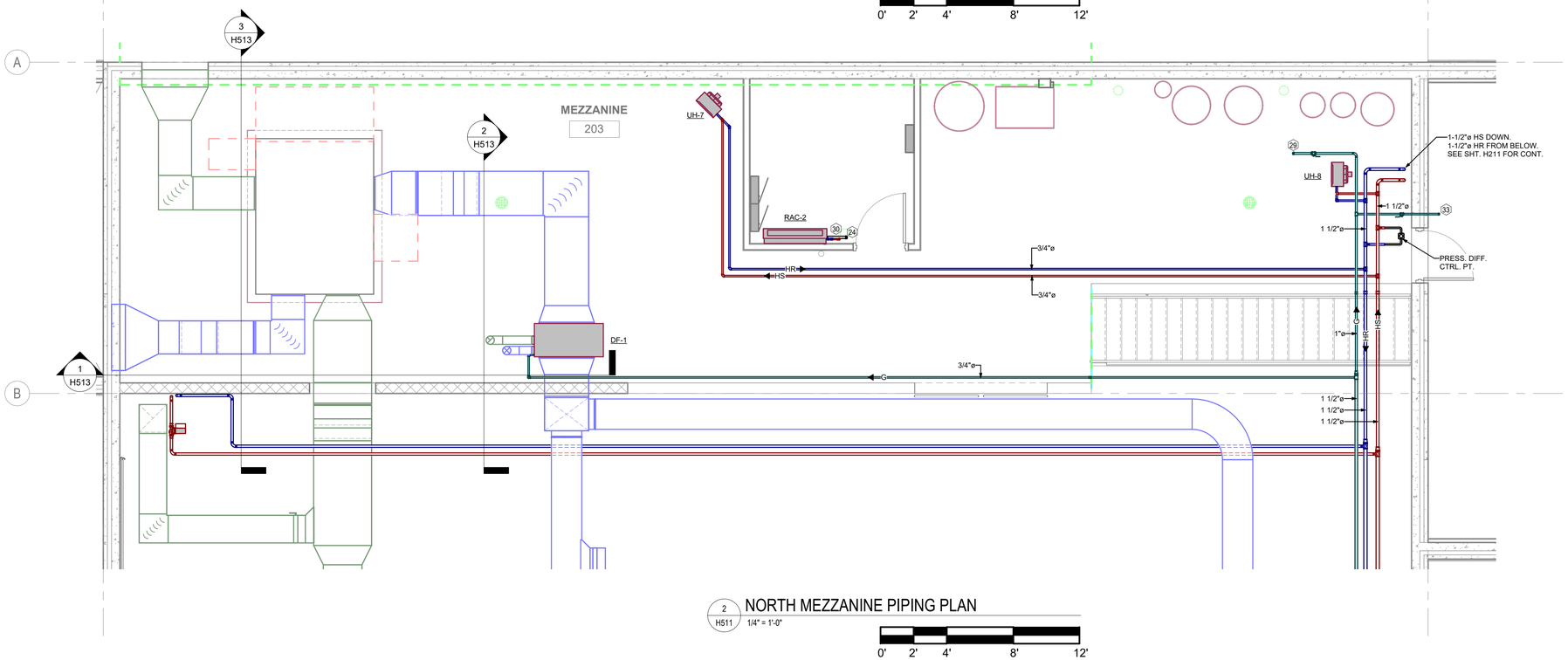
H411



1 H511 NORTH MEZZANINE DUCTWORK PLAN

1/4" = 1'-0"

0' 2' 4' 8' 12'



2 H511 NORTH MEZZANINE PIPING PLAN

1/4" = 1'-0"

0' 2' 4' 8' 12'

KEYED NOTES	
HEX KEY	**DESCRIPTION**
5	OFFSET DUCTWORK/PIPING UP AS REQUIRED.
20	6"ø VENT SERVING GAS-FIRED DUCT FURNACE FROM BELOW. TERMINATE IN ACCORDANCE WITH ALL EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
21	6"ø COMBUSTION AIR SERVING GAS-FIRED DUCT FURNACE THROUGH ROOF. TERMINATE IN ACCORDANCE WITH ALL EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
24	3/4"ø LOOP SEAL NEAR UNIT. SEE DETAIL. EXTEND DRAIN PIPE TO HUB DRAIN. HUB DRAIN WITHIN 10'-0" BY PLUMBER.
29	1"ø GAS PIPE CAPPED AND VALVED FOR PLUMBER. 398 CFH @ 2 PSIG.
30	REFRIGERANT PIPING UP THROUGH ROOF TO OUTDOOR CONDENSING UNIT.
33	3/4"ø GAS PIPE SERVING PATIO GRILL. GAS GRILL BY OWNER. COORDINATE WITH THE OWNER REGARDING GAS CAPACITY. PENETRATE GAS PIPE THROUGH WALL AND SEAL WEATHERTIGHT. PROVIDE 24 V SOLENOID GAS VALVE AND MOUNT GAS SHUT-OFF VALVE, PRESSURE REGULATOR, AND SOLENOID VALVE FOR EMERGENCY SHUTOFF SERVING THE OUTDOOR GRILL. SEE SECTION 23 20 02 FOR VALVE REQUIREMENTS. GRILL PROVIDED BY THE OWNER. MANUAL VALVE SHALL BE READY ACCESSIBLE. COORDINATE FINAL LOCATION AND SIZE TYPE WITH THE ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION.

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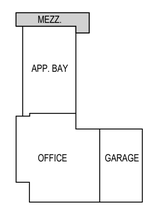
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SEH Project	PDCAR 177629
Checked By	R.A.
Drawn By	J.R.
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

NORTH MEZZANINE PLANS

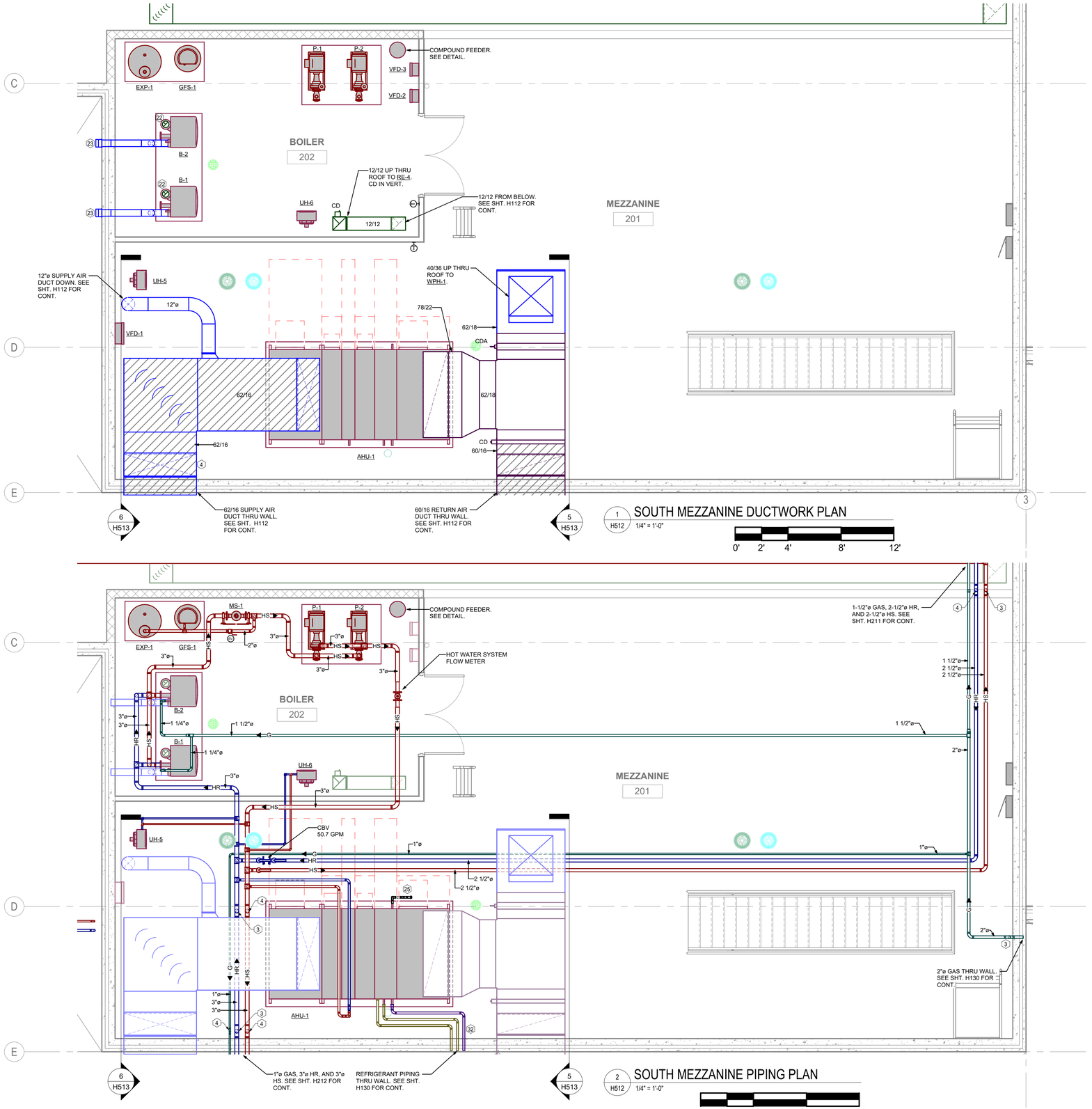


KEY PLAN

PROJECT NORTH

H511

THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/4/2026 4:22:01 PM



1 H512 SOUTH MEZZANINE DUCTWORK PLAN

1/4" = 1'-0"

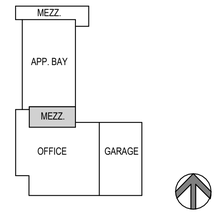
0' 2' 4' 8' 12'

2 H512 SOUTH MEZZANINE PIPING PLAN

1/4" = 1'-0"

0' 2' 4' 8' 12'

KEYED NOTES	
HEX KEY	**DESCRIPTION**
3	RISE DUCTWORK/PIPING UP AS REQUIRED.
4	DROP DUCTWORK/PIPING AS REQUIRED.
22	6"ø BOILER VENT FROM BELOW. TERMINATE IN ACCORDANCE WITH ALL BOILER MANUFACTURER'S RECOMMENDATIONS.
23	6"ø COMBUSTION AIR THROUGH WALL. SEAL PENETRATION WEATHERTIGHT. TERMINATE IN ACCORDANCE WITH ALL BOILER MANUFACTURER'S RECOMMENDATIONS.
25	1-1/2"ø LOOP SEAL NEAR UNIT. SEE DETAIL. EXTEND DRAIN PIPE TO HUB DRAIN. HUB DRAIN WITHIN 10'-0" BY PLUMBER.
32	REFRIGERANT PIPING FROM AIR-COOLED CONDENSING UNIT. PENETRATE THROUGH WALL AND SEAL WEATHERTIGHT. REFRIGERANT PIPE SIZING BY EQUIPMENT MANUFACTURER.



KEY PLAN

PROJECT NORTH

SEH

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ENGINEERING DESIGN BY

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PUBLIC SAFETY FACILITY

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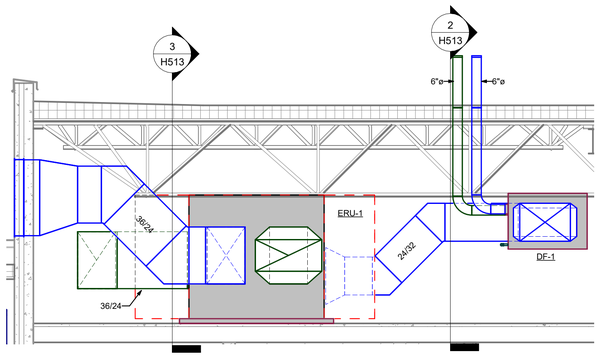
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SOUTH MEZZANINE PLANS

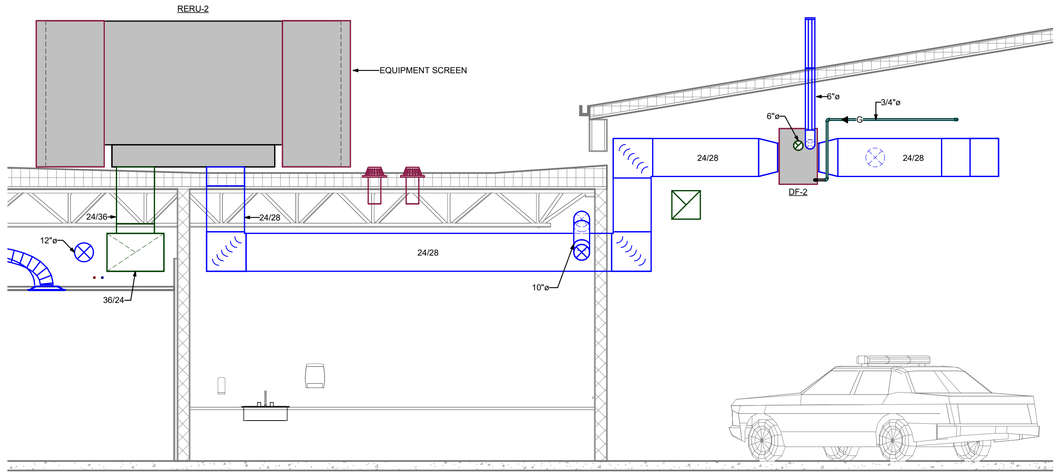
H512

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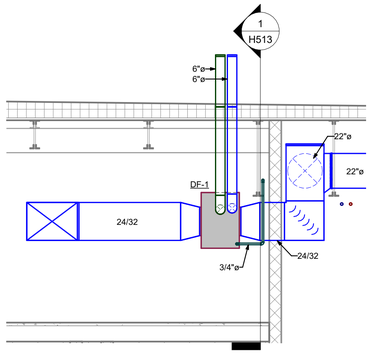
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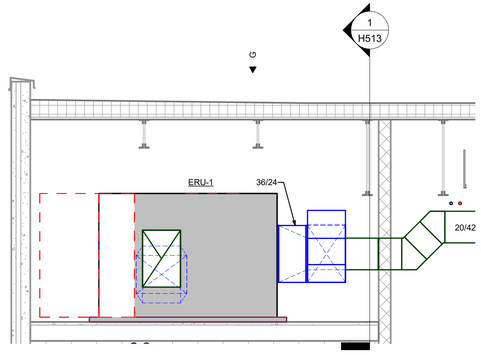
1 H513 SOUTH SECTION OF ERU-1
1/4" = 1'-0"
0' 2' 4' 8' 12'



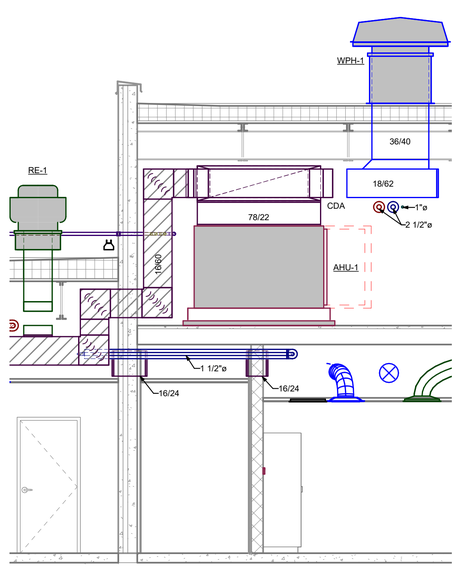
4 H513 SECTION OF RERU-2
1/4" = 1'-0"
0' 2' 4' 8' 12'



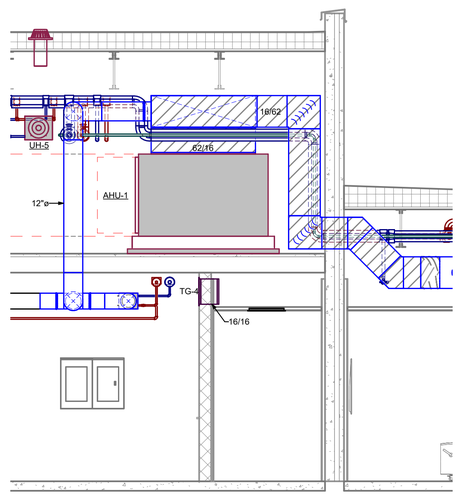
2 H513 SECTION OF DF-1
1/4" = 1'-0"
0' 2' 4' 8' 12'



3 H513 WEST SECTION OF ERU-1
1/4" = 1'-0"
0' 2' 4' 8' 12'



5 H513 EAST SECTION OF AHU-1
1/4" = 1'-0"
0' 2' 4' 8' 12'



6 H513 WEST SECTION OF AHU-1
1/4" = 1'-0"
0' 2' 4' 8' 12'

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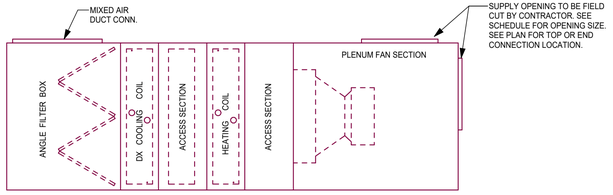
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

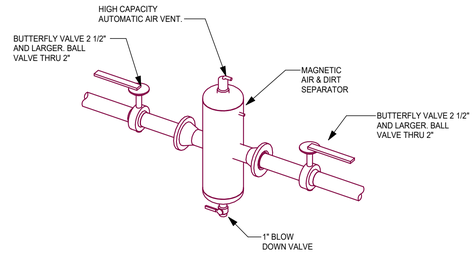
REV. #	DESCRIPTION	DATE

SECTION VIEWS

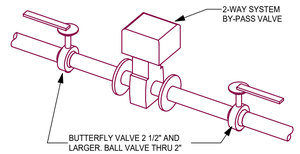
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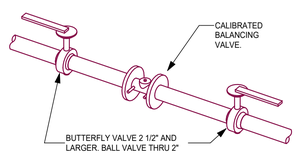
AIR HANDLING UNIT DX COOLING



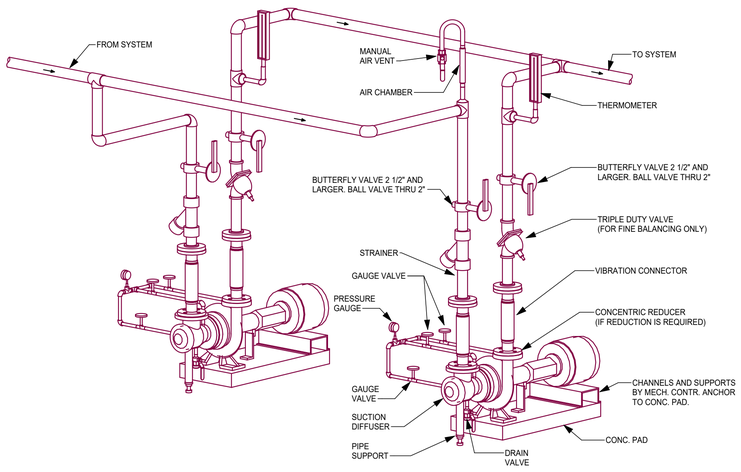
MAGNETIC AIR & DIRT SEPARATOR



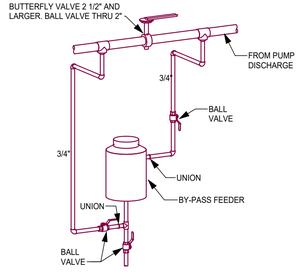
SYSTEM BY-PASS VALVE



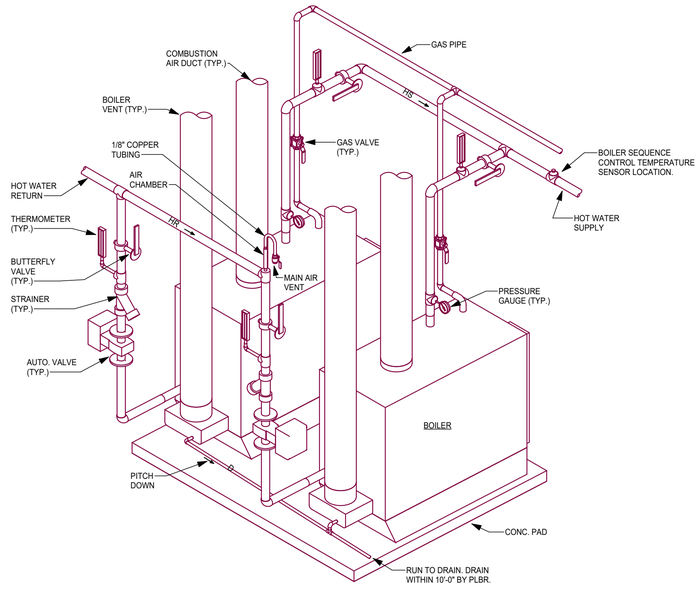
CALIBRATED BALANCING VALVE



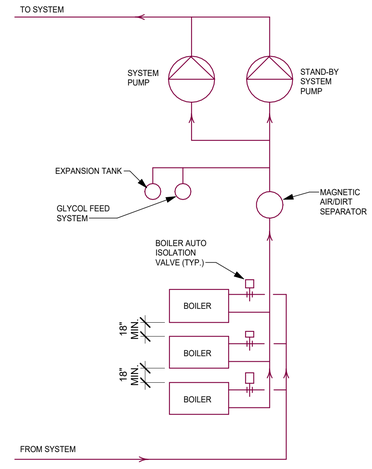
PUMPS



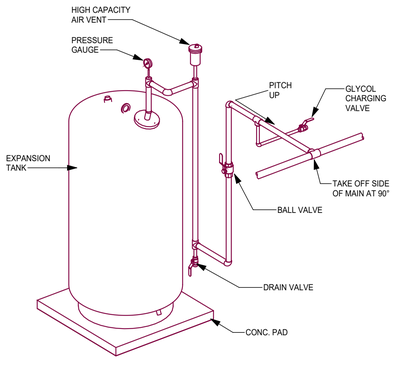
BY-PASS COMPOUND FEEDER



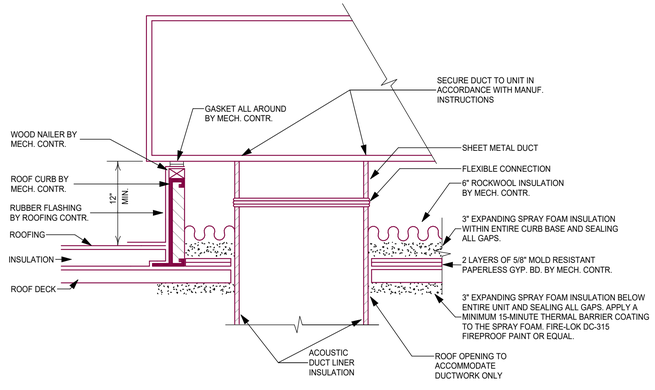
PRIMARY VARIABLE FLOW BOILER PIPING



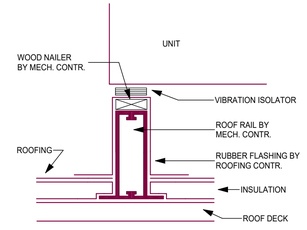
HOT WATER VARIABLE PRIMARY PIPING SCHEMATIC



PRESSURIZED TYPE EXPANSION TANK (HOT WATER)



ROOFTOP UNIT CURB AND DUCT CONN.



EQUIPMENT SUPPORT RAILS

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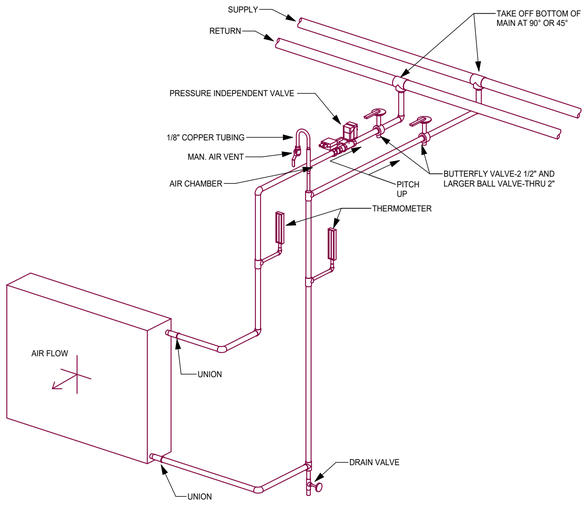
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

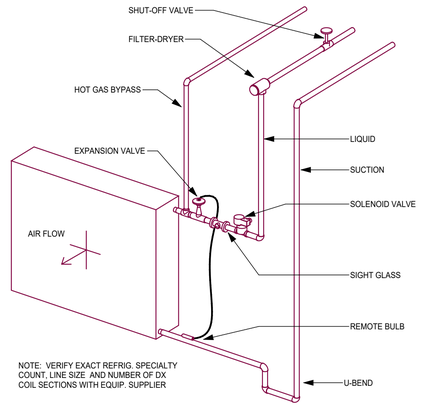
REV. #	DESCRIPTION	DATE

DETAILS

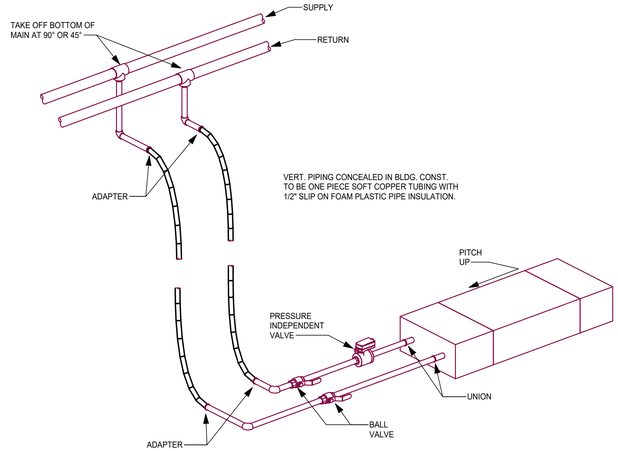
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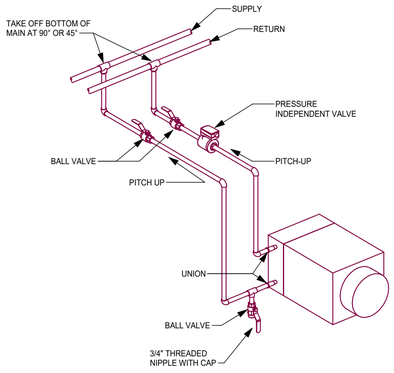
HW HEATING/CW COOLING COILS



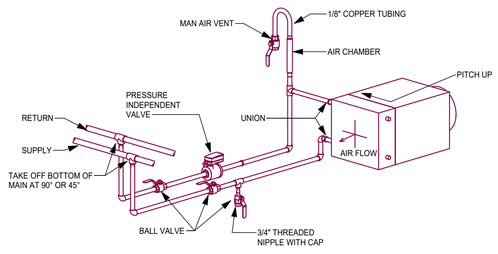
COOLING COIL



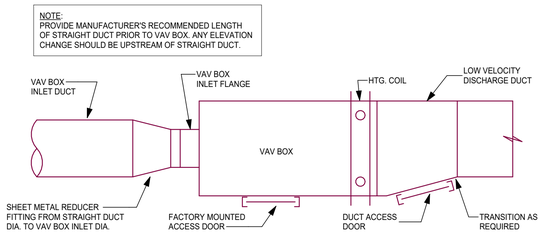
DOWNFEED HOT WATER CABINET HEATER



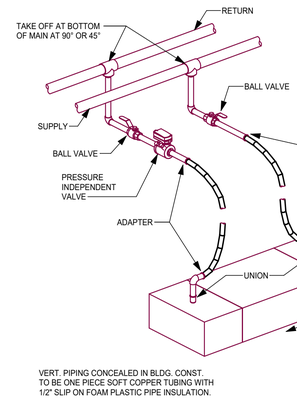
DOWNFEED VARIABLE AIR VOLUME BOX HEATING COIL



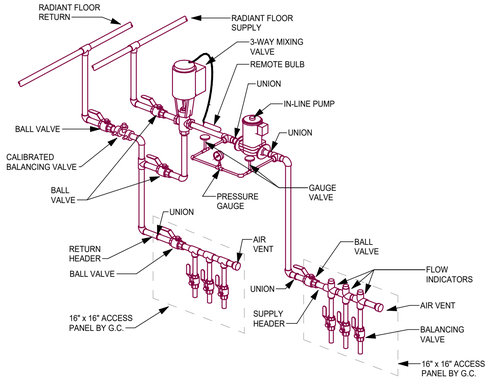
UPFEED VARIABLE AIR VOLUME BOX HEATING COIL



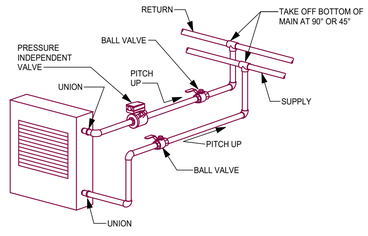
VAV BOX DUCT CONNECTIONS



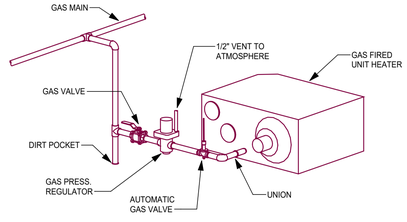
DOWNFEED HOT WATER CONVECTOR



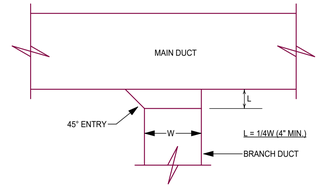
RADIANT FLOOR



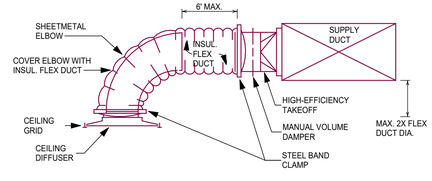
HOT WATER UNIT HEATER



GAS FIRED UNIT HEATER



TYPICAL BRANCH CONN.



DIFFUSER DETAIL

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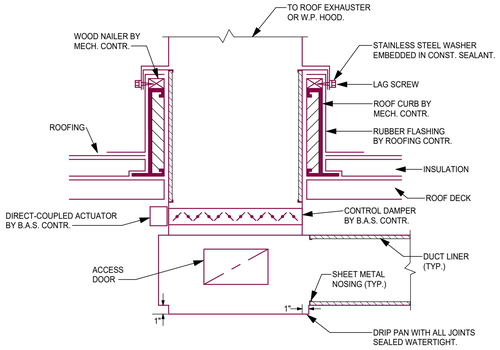
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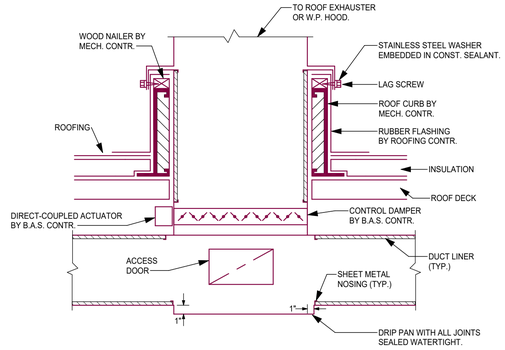
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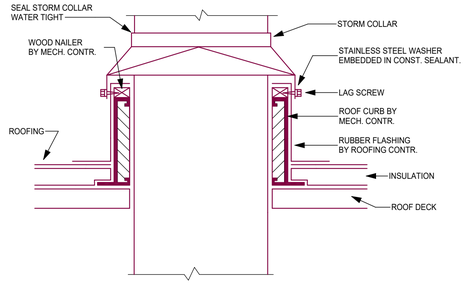
H612



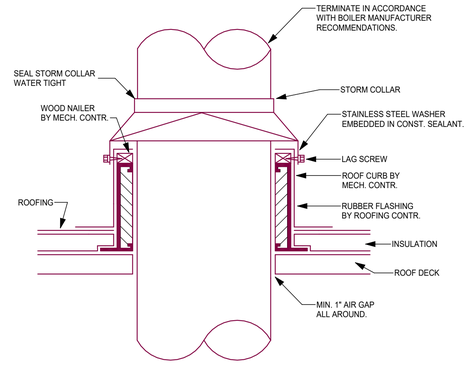
CONDENSATE DRIP PAN



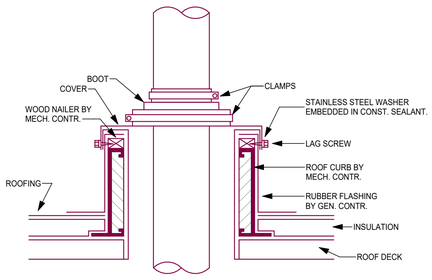
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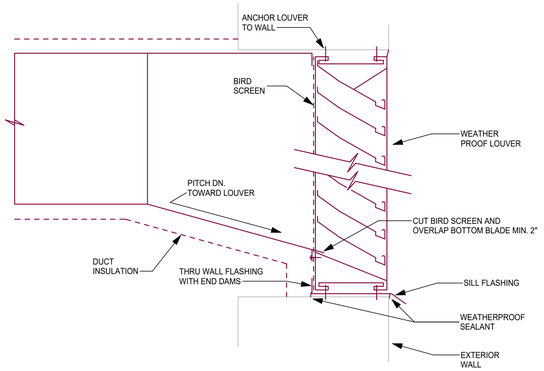
DUCT THRU ROOF



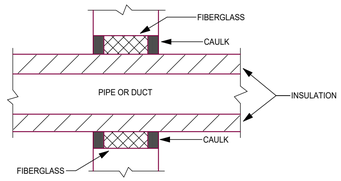
BOILER VENT OR COMBUSTION AIR THRU ROOF



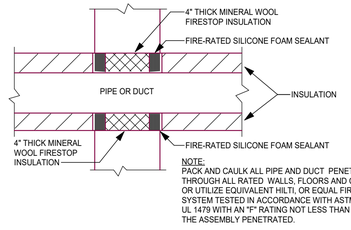
PIPE CURB ASSEMBLY



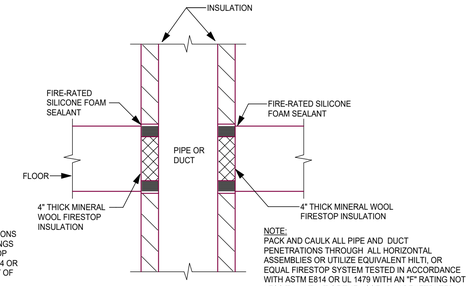
WEATHERPROOF LOUVER



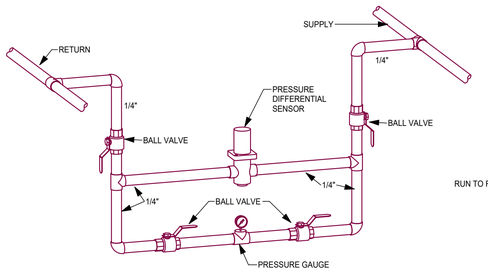
PACK AND CAULK (NON-RATED WALLS)



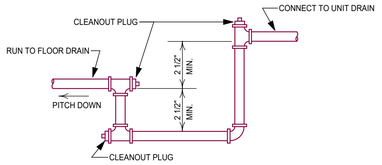
PACK AND CAULK (RATED WALLS)



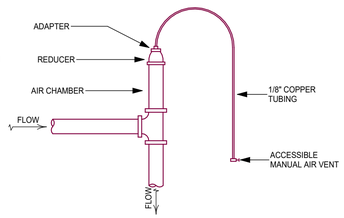
PACK AND CAULK IN HORIZONTAL ASSEMBLY



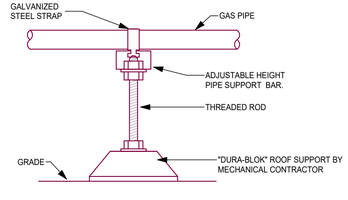
PRESSURE DIFFERENTIAL CONTROLLER PIPING



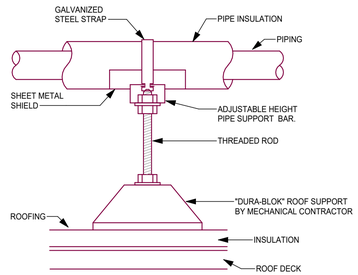
LOOP SEAL



AIR VENT



ELEVATED GAS PIPING RUN ON GRADE



ELEVATED PIPING RUN ABOVE ROOF

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CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY

705 EAST TAYLOR STREET
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SEH Project	PDCAR 177629
Checked By	R.A.
Drawn By	J.R.

Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

DETAILS

H613

FIRE PROTECTION SYMBOLS AND ABBREVIATIONS

THIS IS A COMPREHENSIVE SYMBOL AND ABBREVIATION LIST - NOT ALL SYMBOLS ARE APPLICABLE TO THESE DRAWINGS.

PIPING SYSTEMS

FP-D	FIRE PROTECTION DRY
FP	FIRE PROTECTION OTHER
FP-P	FIRE PROTECTION PRE-ACTION
FP-W	FIRE PROTECTION WET

ACCESSORIES

- BACKFLOW PREVENTER - DC
- BACKFLOW PREVENTER - DCDA
- BACKFLOW PREVENTER - PVB
- BACKFLOW PREVENTER - RP
- SHUTOFF VALVE
- BUTTERFLY VALVE
- CHECK VALVE
- THREE WAY VALVE - ELECTRICAL
- THREE WAY VALVE
- PRESSURE REDUCING VALVE
- SOLENOID VALVE
- MECHANICAL VALVE
- THERMOMETER
- WATER HAMMER ARRESTER
- PRESSURE GAUGE

FITTINGS

- ELBOW LONG SWEEP 90
- ELBOW SHORT SWEEP 90
- ELBOW
- TEE
- CROSS
- CAP
- COUPLING
- PLUG
- PIPE BREAKLINE
- P TRAP
- PIPE DROP / DOWN
- PIPE RISE / UP
- PIPE BRANCH RISE / UP
- PIPE BRANCH DROP / DOWN
- 2"ø SAN — PIPE TAG: SIZE & SYSTEM ABBREVIATION
- 2"ø — PIPE TAG: SIZE
- SAN — PIPE TAG: SYSTEM ABBREVIATION
- 2"ø (2) — PIPE TAG: SIZE & FIXTURE UNITS

SPRINKLER HEADS

- UPRIGHT
- PENDANT
- CONCEALED
- RECESSED
- SIDE WALL

DEVICES

- FDC - FIRE DEPARTMENT CONNECTION
- FPTC - FIRE PUMP TEST CONNECTION
- HORN
- HORN / STROBE
- STROBE
- FS — FLOW SWITCH CONNECTION
- TS — TAMPER SWITCH CONNECTION

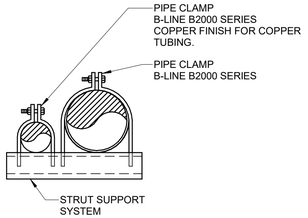
GENERAL

ANNOTATION SYMBOLS

- X — REFERS TO PLAN NOTE NUMBER
- XXX-X — FIXTURE AND EQUIPMENT TAG
- XXX — SPECIALTY EQUIPMENT REFERENCE TAG
- XX / XXX — DETAIL NUMBER / SHEET NO. WHERE DETAIL IS LOCATED
- X / XXX — VIEW REFERENCE TAG
- XX / XXX — VIEW REFERENCE TAG
- PIPE BREAKLINE
- CONNECT NEW TO EXISTING
- 1 — REVISION NUMBER
- ARCH = XXX.XX' / CIVIL = XXX.XX' — ELEVATION MARKER

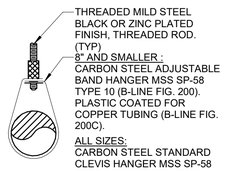
ABBREVIATIONS

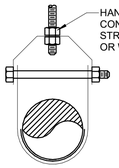
ABV	ABOVE
ADD	ADDENDUM
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ALT	ALTERNATE
ARCH	ARCHITECT / ARCHITECTURAL
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATING, AND AIR-CONDITIONING ENGINEERS
ASPE	AMERICAN SOCIETY OF PLUMBING ENGINEERS
BAS	BUILDING AUTOMATION SYSTEM
BFF	BELOW FINISHED FLOOR
BJ	BETWEEN JOISTS
BLDG	BUILDING
BLW	BELOW
BTU	BRITISH THERMAL UNITS
BTUH	BRITISH THERMAL UNITS PER HOUR
BV	BALANCE VALVE
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CM	CONSTRUCTION MANAGER / GENERAL CONTRACTOR
CLG	CEILING
DEG	DEGREE(S)
DIA	DIAMETER
DN	DOWN
DP	DIFFERENTIAL PRESSURE
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRICAL
ELEV	ELEVATION
EQ	EQUIPMENT
ETR	EXISTING TO REMAIN
EX	EXISTING
F	DEGREES FAHRENHEIT
FBO	FURNISHED BY OTHERS
FFE	FINISHED FLOOR ELEVATION
FPC	FIRE PROTECTION / SPRINKLER CONTRACTOR
FT	FOOT / FEET
GA	GAUGE
GAL	GALLON
GC	GENERAL CONTRACTOR / CONSTRUCTION MANAGER
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HC	HVAC CONTRACTOR
HP	HORSE POWER
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
ID	INSIDE DIAMETER
I.E.	INVERT ELEVATION
IN	INCH
INV	INVERT
LB	POUND
LF	LINEAR FOOT / FEET
MAX	MAXIMUM
MBH	ONE THOUSAND BTU PER HOUR
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MIN	MINUTE
MISC	MISCELLANEOUS
NC	NORMALLY CLOSED
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
Ø	DIAMETER
OC	ON CENTER
OD	OUTSIDE DIAMETER
PC	PLUMBING CONTRACTOR
PLBG	PLUMBING
PRESS	PRESSURE
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
REC	RECESSED
RI	ROUGH-IN
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
SF	SQUARE FOOT
TEMP	TEMPERATURE
TYP	TYPICAL
UC	UNDERCOUNTER
UG	UNDERGROUND
VTR	VENT THROUGH ROOF
W/	WITH
W/O	WITHOUT



MAX. SPACING BETWEEN PIPE SUPPORTS AND MIN. HANGER ROD SIZES											
PIPE SIZE	STEEL			COPPER			PVC	CPVC	PEX	CAST IRON	MIN. ROD
	WATER	GAS	MIN. ROD	WATER	GAS	MIN. ROD					
1/4"-1/2"	7	8'	3/8"	5'	6'	3/8"	4'	3'	32"	5'	3/8"
3/4"	7'	9'	3/8"	5'	7'	3/8"	4'	3'	32"	5'	3/8"
1"	7'	9'	3/8"	6'	8'	3/8"	4'	3'	32"	5'	3/8"
1 1/4"	7'	9'	3/8"	7'	9'	3/8"	4'	4'	32"	5'	3/8"
1 1/2"	9'	12'	3/8"	8'	10'	3/8"	4'	4'	32"	5'	3/8"
2"	10'	12'	3/8"	8'	11'	3/8"	4'	4'	32"	5'	3/8"
2 1/2"	11'	12'	3/8"	9'	12'	3/8"	4'	4'	32"	5'	3/8"
3"	12'	12'	3/8"	10'	12'	3/8"	4'	4'	32"	5'	3/8"
4"	12'	12'	3/8"	12'	12'	3/8"	4'	4'	32"	5'	3/8"
6"	12'	12'	3/8"	12'	12'	3/8"	4'	4'	-	5'	3/8"
8"	12'	12'	1/2"	-	-	-	4'	4'	-	5'	3/8"
10"	12'	12'	1/2"	-	-	-	4'	4'	-	-	3/8"
12"	12'	12'	5/8"	-	-	-	4'	4'	-	-	3/8"
14"	12'	12'	5/8"	-	-	-	4'	4'	-	-	3/8"
16"	12'	12'	3/4"	-	-	-	4'	4'	-	-	3/8"
MAX VERT. (1)	15'	15'	-	10'	10'	-	10'	10'	10'	-	-

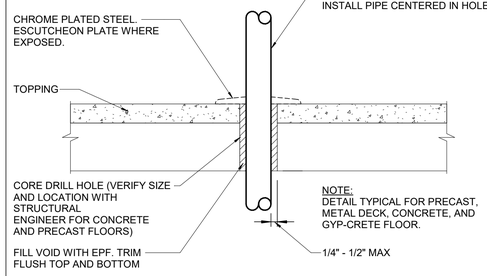
(1) SUPPORT AT MINIMUM EVERY FLOOR LEVEL OR SPACING LISTED.
(2) SPACING MAY BE INCREASED TO 10' FOR 10' PIPE LENGTHS.
MSS = MANUFACTURER'S STANDARDIZATION SOCIETY
- INSTALL ADDITIONAL HANGERS WITHIN 12" OF ELBOWS AND TEES AND AT CONCENTRATED LOADS, INCLUDING VALVES, FLANGES AND STRAINERS 2 1/2" AND LARGER.



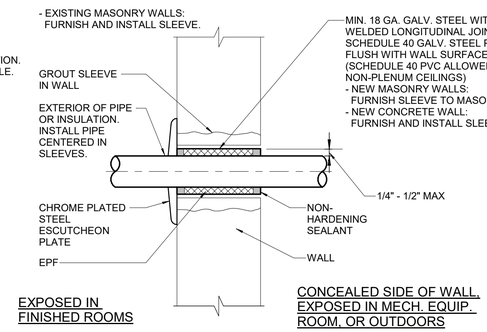


2 PIPE HANGER & SUPPORT DETAILS

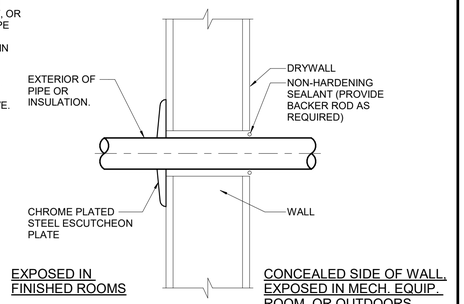
FP000



APPLICATIONS
- PIPE PENETRATION THRU ABOVE GRADE FLOOR



APPLICATIONS
- PIPE PENETRATION THRU MASONRY OR CONCRETE WALL



APPLICATIONS
- PIPE PENETRATION THRU STUD WALL

3 PIPE PENETRATION DETAILS

FP000

FIRE SPRINKLER HEAD SCHEDULE

TAG	TYPE (1)	FINISH	NOTES
CC-W	CONCEALED COVER	WHITE	(2)(3)(4)
CC-C	CONCEALED COVER	COLOR MATCH	(2)(3)(4)
SR-W	SEMI-RECESSED	WHITE	(2)
SR-C	SEMI-RECESSED	CHROME	(2)
SR-B	SEMI-RECESSED	BRASS	(2)
UP-B	UPRIGHT	BRASS	(2)
UP-G	UPRIGHT	BRASS W/ WIRE GUARD	(2)
P-B	PENDENT	BRASS	(2)
P-G	PENDENT	BRASS W/ WIRE GUARD	(2)
SW-W	SIDEWALL	WHITE	(2)
SW-B	SIDEWALL	BRASS	(2)
I-C	INSTITUTIONAL	CHROME	(2)

- THE FIRE SPRINKLER CONTRACTOR SHALL VERIFY CEILING TYPES PRIOR TO INSTALLATION.
- SEE REFLECTED ARCH PLAN FOR CEILING FOR MORE INFORMATION.

(1) QUICK RESPONSE HEADS.
(2) SEE SPECIFICATIONS FOR MORE INFORMATION.
(3) COLOR MATCH SHALL BE APPROVED ON ARCHITECT PRIOR TO ORDERING.
(4) WHERE SPRINKLERS HEADS ARE LOCATED IN A PAINTED SOFFIT, WOOD SOFFIT, OR CEILING, THE FIRE PROTECTION CONTRACTOR SHALL OBTAIN A COLOR SAMPLE FROM THE ARCHITECT AND HAVE THE COVER PLATE FACTORY PAINTED TO MATCH ADJACENT SURFACE.

GENERAL INSTALLATION NOTES

1. SEE THE FIRE SUPPRESSION SPECIFICATION FOR MORE INFORMATION.
2. THE AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE INSTALLED PER NFPA, BUILDING CODE, FIRE CODE, AND THE LOCAL AUTHORITY HAVING JURISDICTION REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE FIRE PROTECTION CONTRACTOR TO PREPARE ALL FINAL DRAWINGS, CALCULATIONS, AND SUBMITTALS TO THE AUTHORITY HAVING JURISDICTION.
3. PROVIDE AUTOMATIC FIRE SPRINKLER SYSTEM ZONES AND COVERAGE REQUIREMENTS (DENSITIES AND HAZARDS) PER NFPA.
4. THE FIRE PROTECTION CONTRACTOR SHALL PROVIDE THE BASE REQUIREMENTS THAT ARE SHOWN IN THE DRAWINGS. FOR ITEMS NOT SHOWN ON THE DRAWINGS, PROVIDE THE MINIMUM REQUIREMENTS PER NFPA.
5. ALL PIPING SHALL BE CONCEALED WHEN INSTALLED OUTSIDE OF THE MECHANICAL ROOM AND STORAGE AREAS. IF THE BUILDING'S CONSTRUCTION DOES NOT PERMIT THE CONCEALING OF THE PIPING, LOCATIONS AND ROUTING OF THE PIPING SHALL BE APPROVED BY ARCHITECT/OWNER PRIOR TO ANY INSTALLATION.
6. ROUTE PIPING IN STRUCTURAL WEBBING OF FLOOR/CEILING JOIST IN AREAS WHERE PIPING IS EXPOSED.
7. VERIFY THE LOCATION OF ALL OTHER TRADES FIXTURES, EQUIPMENT, ELECTRICAL PANELS, PIPING, DUCT, EXHAUST HOODS WITH PLUMBING HVAC AND ELECTRICAL PLANS. ROUTE PIPING AS REQUIRED PER NFPA.
8. VERIFY LOCATION OF ALL SPACES, SUCH AS ATTICS, CLOSETS, CONCEALED SPACES, TUNNELS, MECHANICAL ROOMS, STORAGE AREAS, SKYLIGHTS, CLOUD CEILINGS, COOLERS / FREEZERS, CORROSIVES ENVIRONMENTS, CANOPIES, AND OVERHEAD DOORS WITH ARCHITECTURAL PLANS. PROVIDE SPRINKLER COVERAGE (DENSITIES AND HAZARDS) AT THESE LOCATIONS PER NFPA. IF A DRY SYSTEM IS REQUIRED, THE FIRE PROTECTION CONTRACTOR SHALL COORDINATE ANY ELECTRICAL REQUIREMENT WITH THE ARCHITECT/ENGINEER.
9. PROVIDE CLOSELY SPACED FIRE SPRINKLERS NEAR THE DRAFT STOPS FOR ALL VERTICAL OPENINGS PER NFPA.
10. ZONES RISER ISOLATION VALVES, TAMPER SWITCH, FLOW SWITCHES, PRESSURE GAUGE AND DRAINS VALVES SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION AND CONCEALED FROM BUILDING OCCUPANT'S VIEW WHEN LOCATED OUTSIDE OF MECHANICAL ROOMS OR STORAGE AREAS.
11. PROVIDE DRAIN DOWN VALVES AT LOW POINTS OF THE FIRE SPRINKLERS SYSTEMS AND LOCATE THE INSPECTOR TEST AS AT THE MOST REMOTE END OF FIRE SPRINKLER SYSTEM ZONES PER NFPA.
12. FIRE SPRINKLER HEADS LOCATED IN CEILING WITH LAY-IN CEILING TILES SHALL BE CENTERED WITHIN THE TILE. FLEXIBLE CONNECTORS TO FIRE SPRINKLER HEADS ARE ACCEPTABLE. THE PIPING SHALL BE LOCATED A MINIMUM OF 6" ABOVE THE CEILING TILE TO ALLOW FOR REMOVAL OF THE CEILING TILE.
13. FIRE SPRINKLER HEADS LOCATED IN A PAINTED SOFFIT, WOOD SOFFIT, OR CEILING, SHALL HAVE ITS CONCEALED COVER PLATED COLOR MATCH WITH THAT OF THE ADJACENT SURFACE. THE SPRINKLER HEADS CONCEAL COVER PLATE COLOR SHALL BE FACTORY PAINTED. ALL FIRE SPRINKLER HEADS CONCEALED COVER PLATE COLORS SHALL BE APPROVED BY THE ARCHITECTURAL PRIOR TO ORDERING AND INSTALLATION.

FIRE PROTECTION SHEET INDEX

FP000	GENERAL NOTES
FP200	FIRST FLOOR PLAN - APPARATUS BAY
FP201	FIRST FLOOR PLAN - OFFICE / GARAGE
FP202	MEZZANINE PLANS

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Drawn By	RD

Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

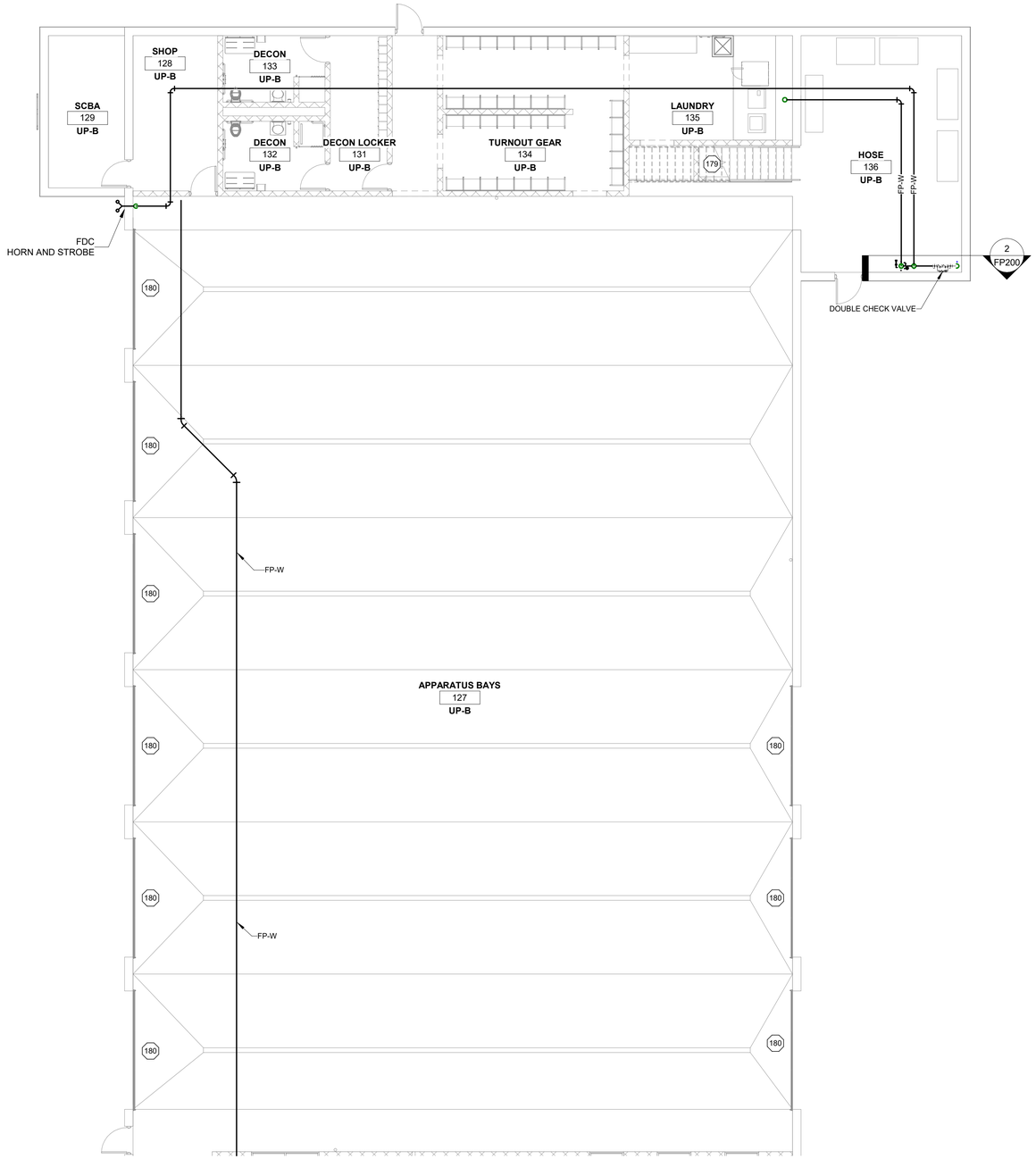
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GENERAL NOTES

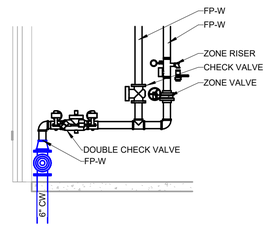
FP000

SHEET KEYNOTES

179	STAIR - PROVIDE FIRE SPRINKLER COVERAGE UNDER STAIRS AS REQUIRED PER NFPA.
180	GARAGE DOOR - PROVIDE FIRE SPRINKLER COVERAGE UNDER GARAGE DOOR WHEN IN THE OPEN POSITION AS REQUIRED PER NFPA.



1 FP200 FIRST FLOOR PLAN - APPARATUS BAY
1/8" = 1'-0"



2 FP200 FIRE PROTECTION RISER DETAIL

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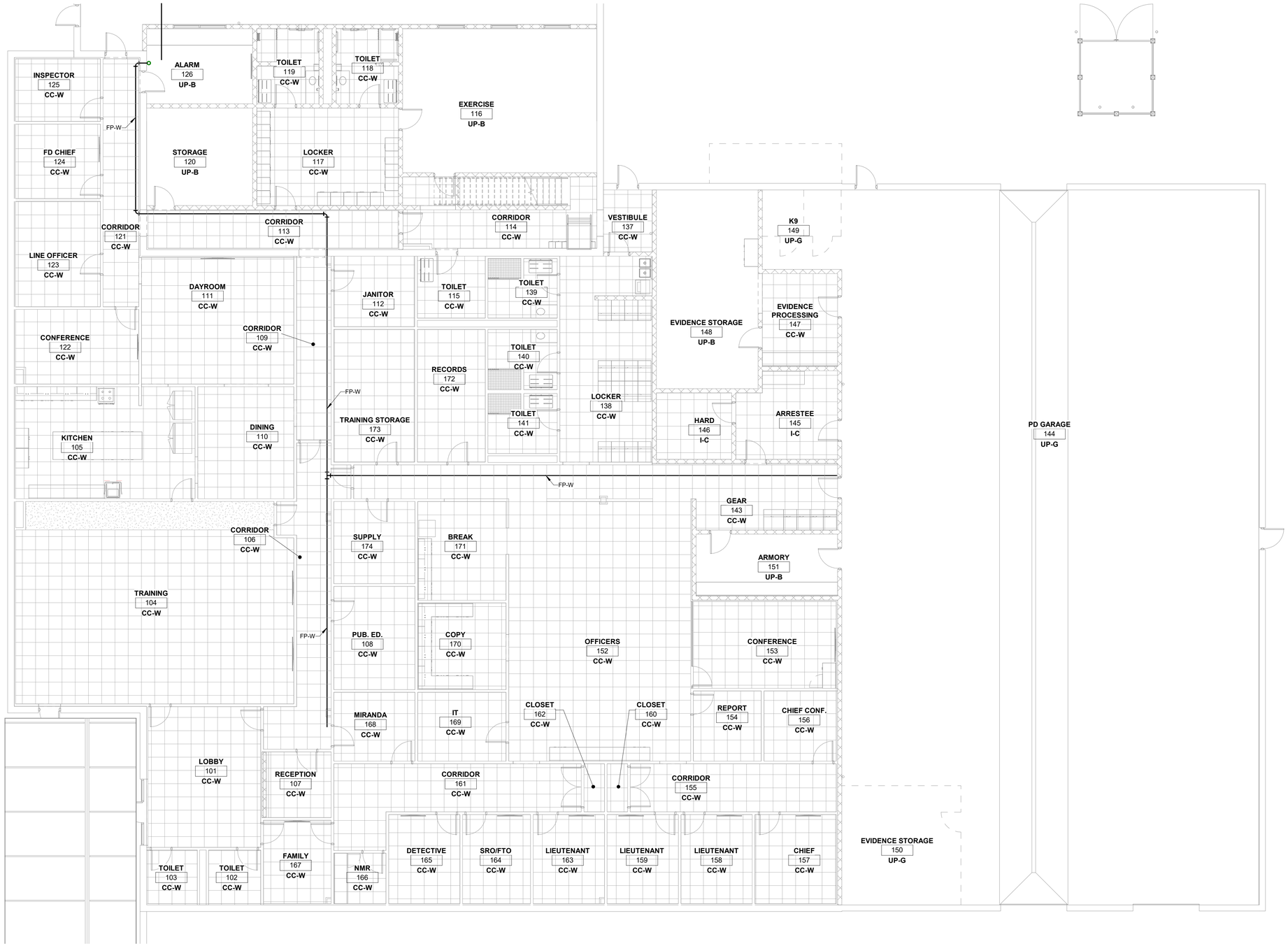
REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

FIRST FLOOR PLAN - APPARATUS BAY

FP200

SHEET KEYNOTES



1 FP201 FIRST FLOOR PLAN - OFFICE / GARAGE
1/8" = 1'-0"

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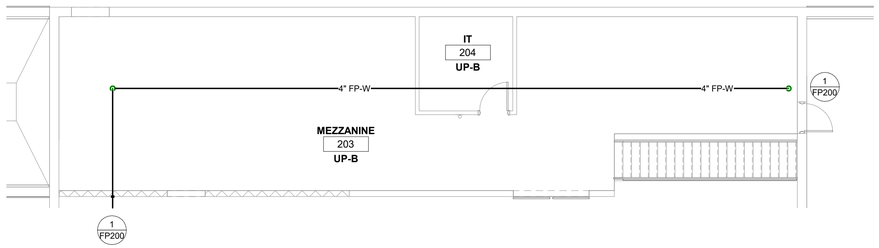
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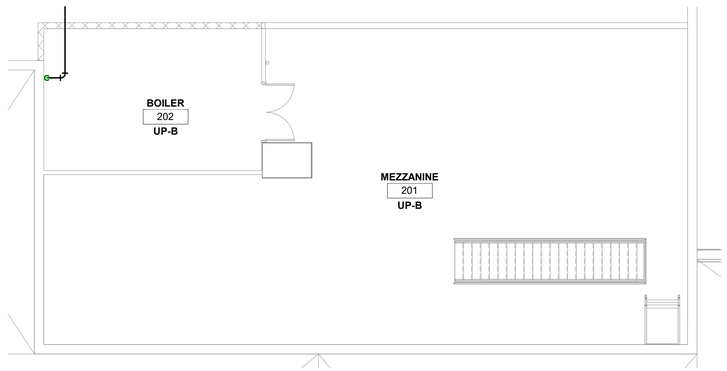
FIRST FLOOR PLAN - OFFICE / GARAGE

FP201

SHEET KEYNOTES



1 MEZZANINE NORTH
1/8" = 1'-0"



2 MEZZANINE SOUTH
1/8" = 1'-0"

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705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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Project Status	**Issue Date**
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REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

MEZZANINE PLANS

PROJECT NORTH

FP202

PLUMBING SYMBOLS AND ABBREVIATIONS

THIS IS A COMPREHENSIVE SYMBOL AND ABBREVIATION LIST - NOT ALL SYMBOLS ARE APPLICABLE TO THESE DRAWINGS.

PIPING SYSTEMS

CW	DOMESTIC COLD WATER - HARD
CWS	DOMESTIC COLD WATER - SOFT
HW	DOMESTIC HOT WATER - SUPPLY 120
HW-140	DOMESTIC HOT WATER - SUPPLY 140
HWR	DOMESTIC HOT WATER - RETURN 120
HWR-140	DOMESTIC HOT WATER - RETURN 140
NP-CW	NON-POTABLE COLD WATER - HARD
NP-CWS	NON-POTABLE COLD WATER - SOFT
NP-HW	NON-POTABLE HOT WATER - SUPPLY
NP-HWR	NON-POTABLE HOT WATER - RETURN
DI	DEIONIZED WATER
RO	REVERSE OSMOSIS WATER
TW	TEMPERED WATER - SUPPLY
TWR	TEMPERED WATER - RETURN
SAN	SANITARY WASTE
V	SANITARY VENT
GW	GREASE WASTE
AW	ACID WASTE
AV	ACID VENT
ST	STORM DRAINAGE - PRIMARY
OF	OVERFLOW DRAINAGE - SECONDARY
CLV	CLEAR WATER VENT
CLW	CLEAR WATER WASTE
DT	DRAIN TILE
PW	PROCESS WASTE
PV	PROCESS VENT
PD	PUMPED DISCHARGE
EXHAUST	EQUIPMENT - EXHAUST
INTAKE	EQUIPMENT - INTAKE
CA	COMPRESSED AIR
G	NATURAL GAS
LP	LIQUID PROPANE
M-AIR	MEDICAL - AIR
M-CO	MEDICAL - CARBON DIOXIDE
M-N	MEDICAL - NITROGEN
M-NO	MEDICAL - NITROUS OXIDE
M-OX	MEDICAL - OXYGEN
M-VAC	MEDICAL - VACUUM
ACE	WELDING - ACETYLENE
ARG	WELDING - ARGON
ARG/CO	WELDING - ARGON/CARBON DIOXIDE
OX	WELDING - OXYGEN
WV	WELDING - VENT
	DEMOLISHED PIPING

ACCESSORIES

- BACKFLOW PREVENTER - DC
- BACKFLOW PREVENTER - DCDA
- BACKFLOW PREVENTER - PVB
- BACKFLOW PREVENTER - RP
- BALL VALVE
- BUTTERFLY VALVE
- BALANCING VALVE
- BACKWATER VALVE
- CHECK VALVE
- GATE VALVE
- THERMOSTATIC MIXING VALVE
- DRAIN TEMPERING VALVE
- THREE WAY VALVE - ELECTRICAL
- THREE WAY VALVE
- PRESSURE REDUCING VALVE (WATER)
- PRESSURE REGULATING VALVE (GAS)
- SOLENOID VALVE
- MECHANICAL VALVE
- SUCTION DIFFUSER
- THERMOMETER
- WATER HAMMER ARRESTER
- PRESSURE GAUGE

FITTINGS

- ELBOW LONG SWEEP 90
- ELBOW SHORT SWEEP 90
- ELBOW
- TEE
- TEE
- CROSS
- TEE DOUBLE
- WYE 45 DEG
- WYE 45 DEG DOUBLE
- WYE COMBINATION
- WYE COMBINATION DOUBLE
- CAP
- COUPLING
- PLUG
- PIPE BREAKLINE
- P TRAP
- PIPE DROP / DOWN
- PIPE RISE / UP
- PIPE BRANCH RISE / UP
- PIPE BRANCH DROP / DOWN
- 2"ø SAN — PIPE TAG: SIZE & SYSTEM ABBREVIATION
- 2"ø — PIPE TAG: SIZE
- SAN — PIPE TAG: SYSTEM ABBREVIATION
- 2"ø (0) — PIPE TAG: SIZE & FIXTURE UNITS

GENERAL ANNOTATION SYMBOLS

- (X) — REFERS TO PLAN NOTE NUMBER
- XXX-X / XXX — FIXTURE AND EQUIPMENT TAG / SPECIALTY EQUIPMENT REFERENCE TAG
- XX / XXX — DETAIL NUMBER / SHEET NO. WHERE DETAIL IS LOCATED
- X / XXX — VIEW REFERENCE TAG
- XX / XXX — VIEW REFERENCE TAG
- PIPE BREAKLINE
- CONNECT NEW TO EXISTING
- 1 — REVISION NUMBER
- ARCH = XXX.XX' / CIVIL = XXX.XX' — ELEVATION MARKER

ABBREVIATIONS

ABV	ABOVE
ADD	ADDENDUM
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ALT	ALTERNATE
ARCH	ARCHITECT / ARCHITECTURAL
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATING, AND AIR-CONDITIONING ENGINEERS
ASPE	AMERICAN SOCIETY OF PLUMBING ENGINEERS
BAS	BUILDING AUTOMATION SYSTEM
BFF	BELOW FINISHED FLOOR
BJ	BETWEEN JOISTS
BLDG	BUILDING
BLW	BELOW
BTU	BRITISH THERMAL UNITS
BTUH	BRITISH THERMAL UNITS PER HOUR
BV	BALANCE VALVE
CB	CONSTRUCTION BULLETIN
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CM	CONSTRUCTION MANAGER
CLG	CEILING
DEG	DEGREE(S)
DIA	DIAMETER
DN	DOWN
DP	DIFFERENTIAL PRESSURE
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRICAL
ELEV	ELEVATION
EQ	EQUIPMENT
ETR	EXISTING TO REMAIN
EX	EXISTING
F	DEGREES FAHRENHEIT
FBO	FURNISHED BY OTHERS
FFE	FINISHED FLOOR ELEVATION
FPC	FIRE PROTECTION / SPRINKLER CONTRACTOR
FT	FOOT / FEET
GA	GAUGE
GAL	GALLON
GC	GENERAL CONTRACTOR
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HC	HVAC CONTRACTOR
HP	HORSE POWER
HVAC	HEATING, VENTILATION, AIR CONDITIONING
ID	INSIDE DIAMETER
I.E.	INVERT ELEVATION
IN	INCH
INV	INVERT
LB	POUND
LF	LINEAR FOOT / FEET
MAX	MAXIMUM
MBH	ONE THOUSAND BTU PER HOUR
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MIN	MINUTE
MISC	MISCELLANEOUS
NC	NORMALLY CLOSED
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
Ø	DIAMETER
OC	ON CENTER
OD	OUTSIDE DIAMETER
PC	PLUMBING CONTRACTOR
PLBG	PLUMBING
PRESS	PRESSURE
PS	PROJECT SUPPLEMENT
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
REC	RECESSED
REV	REVISION
RI	ROUGH-IN
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
SF	SQUARE FOOT
TEMP	TEMPERATURE
TYP	TYPICAL
UC	UNDERCOUNTER
UG	UNDERGROUND
VTR	VENT THROUGH ROOF
W/	WITH
W/O	WITHOUT

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DOMESTIC WATER CALCULATIONS

WATER PRESSURE INFORMATION

1	STATIC PRESSURE AT WATER MAIN	100	PSIG
2	RESIDUAL PRESSURE AT WATER MAIN	88	PSIG
3	RESIDUAL FLOW AT WATER MAIN	1780	GPM
4	FIXTURE UNITS	264.5	W.S.F.U.
5	PREDOMINATE FLUSH TYPE: TANK OR VALVE	VALVE	
6	ADDITIONAL FLOW	65	GPM
7	TOTAL DESIGN FLOW	167.8	GPM
8	RESIDUAL PRESSURE AT DESIGN FLOW DEMAND	99.8	PSIG
9	SAFETY FACTOR	0.00	PSIG
10	PRESSURE AVAILABLE AT WATER MAIN AT DESIGN FLOW	99.85	PSIG

WATER SERVICE SIZING

11	ELEVATION OF FLOW TEST HYDRANT	99.00	FEET
12	ELEVATION OF WATER METER	102.00	FEET
13	ELEVATION DIFFERENCE OF FLOW TEST HYDRANT AND WATER METER	3.00	FEET
14	WATER SERVICE MATERIAL TYPE	PVC	
15	TOTAL DEVELOPED LENGTH FROM WATER MAIN TO WATER METER	200	FEET
16	WATER SERVICE SIZE	6.00	INCHES

AVAILABLE WATER PRESSURE

17	UNIFORM PRESSURE LOSS BETWEEN WATER MAIN AND WATER METER	0.10	PSIG/100'
18	TOTAL PRESSURE LOSS BETWEEN WATER MAIN AND WATER METER	0.20	PSIG
19	ELEVATION PRESSURE LOSS BETWEEN WATER MAIN AND WATER METER	1.3	PSIG
20	WATER METER SIZE	3.00	INCHES
21	PRESSURE LOSS DUE TO WATER METER	5.00	PSIG
22	PRESSURE LOSS DUE TO WATER TREATMENT EQUIPMENT	0.00	PSIG
23	AVAILABLE PRESSURE AFTER WATER METER / TREATMENT EQUIPMENT	93.35	PSIG
24	PRESSURE REDUCING VALVE OUTLET SETTING	75.00	PSIG
25	PRESSURE DROP THRU PRESSURE REDUCING VALVE	18.35	PSIG
26	AVAILABLE WATER PRESSURE FOR DISTRIBUTION - START POINT	75.00	PSIG

WATER DISTRIBUTION SIZING

				COPPER	
A	AVAILABLE WATER PRESSURE FOR DISTRIBUTION - START POINT	75.00 PSIG	PIPE	Flush	Flush
B	CONTROLLING FIXTURE TAG	WC-1	SIZE	tank	valve
C	CONTROLLING FIXTURE ROOM NAME	TOILET	INCHES		
D	CONTROLLING FIXTURE ROOM NUMBER	103	1/2	2.5	NP
E	CONTROLLING FIXTURE REQUIRED PRESSURE	25.00 PSIG	3/4	8.0	NP
F	ELEVATION DIFFERENCE OF CONTROLLING FIXTURE AND WATER METER	0.00 FEET	1	20.0	4.5
G	PRESSURE LOSS DUE TO WATER TREATMENT EQUIPMENT	15.00 PSIG	1 1/4	40.0	8.0
H	PRESSURE LOSS DUE TO THERMOSTATIC MIXING VALVE	0.00 PSIG	1 1/2	80.0	26.0
I	PRESSURE AVAILABLE FOR PIPING PRESSURE DROP	35.00 PSIG	2	260.0	136.0
J	DEVELOPED LENGTH START POINT TO CONTROLLING FIXTURE	480 FEET	2 1/2	469.0	356.0
K	EQUIVALENT LENGTH START POINT TO CONTROLLING FIXTURE	720 FEET	3	752.0	698.0
L	PRESSURE AVAILABLE FOR UNIFORM LOSS	4.86 PSIG/100'	4	1792.0	1792.0

WATER PIPE MATERIAL

Y	PIPE MAINS AND BRANCHES	COPPER
Z	PIPE SUPPLY TO EACH FIXTURE	COPPER

GREASE INTERCEPTOR CALCULATIONS - INTERIOR

SINK(S)	COMPARTMENT							
	NUMBER OF	LENGTH (INCHES)	WIDTH (INCH)	DEPTH (INCHES)	VOLUME (CU. IN.)	VOLUME (GALLONS)	VOLUME x 0.75	FLOW RATE (GPM)
THREE COMPARTMENT	3	18	24	14	18,144	79	59	59

EQUIPMENT						
	NUMBER OF	RACKS PER HOUR	GALLONS PER RACK	GALLONS PER HOUR	LIQUID HOLDING CAPACITY ÷ 2	FLOW RATE (GPM)
DISH MACHINE	1	30	1.02	30.6	15	15

TOTAL REQUIRED FLOW RATE (GPM)	74

PLUMBING SHEET INDEX

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P702	FIXTURE SCHEDULES
P703	FIXTURE SCHEDULES

GENERAL INSTALLATION NOTES

1. SEE PLUMBING SPECIFICATIONS FOR MORE INFORMATION.
2. PLUMBING INSTALLATION SHALL BE INSTALLED PER WISCONSIN UNIFORM PLUMBING CODE AND PER LOCAL PLUMBING CODE FOR ITEMS NOT NOTED OR SHOWN ON THESE DRAWINGS.
3. EXISTING ITEMS SHOWN ON THESE DRAWING REFLECT A COMBINATION OF THE EXISTING CONTRACT DRAWINGS, AS-BUILT RECORD DRAWINGS, FIELD SURVEYS AND THE ENGINEER'S ESTIMATION OF PIPE ROUTES. ALL EXISTING PIPE LOCATIONS AND ELEVATIONS SHALL BE FIELD VERIFIED. REROUTE NEW PIPING AS REQUIRED PER FIELD CONDITIONS.
4. FIELD VERIFY UNDERGROUND PIPING LOCATION, DEPTH AND SIZE AT POINT OF CONNECTION AND THAT NEW PIPE ROUTE IS CLEAR OF UTILITIES AND OTHER OBSTRUCTIONS PRIOR TO INSTALLATION OF ANY UNDERGROUND PIPING. COSTS INCURRED FOR FAILURE TO DO SO SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
5. ALL PIPING IS TO BE CONCEALED. IF BUILDING CONSTRUCTION DOES NOT PERMIT CONCEALING PIPING, LOCATIONS AND ROUTING ARE TO BE APPROVED BY ARCHITECT/OWNER PRIOR TO INSTALLATION.
6. ROUTE ALL PIPING IN COORDINATION WITH OTHER TRADES.
7. FLOOR AND WALL CLEANOUT LOCATIONS NOT PERMITTED TO BE MOVED WITHOUT APPROVAL OF ARCHITECT/ENGINEER.
8. SEE ARCHITECTURAL PLANS FOR ADA RELATED INSTALLATION DETAILS.
9. SEE STRUCTURAL FOOTING, TRUSS AND JOIST ELEVATIONS AND DETAILS.
10. SEE HVAC PLANS FOR AREAS THAT ARE USED AS A RETURN AIR PLENUM. PROVIDE PLENUM RATED PIPE OR PIPE WRAP AS PER PROJECT'S PLUMBING SPECIFICATIONS.
11. SEE HVAC PLANS AND HVAC CONTRACTOR FOR FINAL LOCATION OF HVAC EQUIPMENT IN MECHANICAL / BOILER ROOMS TO COORDINATE FINAL LOCATIONS OF FLOOR / HUB / SITE DRAINS PRIOR TO INSTALLATION.
12. SEE PLUMBING ISOMETRICS SHEETS FOR PIPE SIZE AND LOAD INFORMATION NOT SHOWN ON FLOOR PLANS.
13. SLOPE ALL SANITARY AND STORM PIPING 3" AND LARGER AT 1/8"/FT UNLESS NOTED OTHERWISE.
14. SLOPE ALL SANITARY AND STORM PIPING 2" AND SMALLER AT 1/4"/FT UNLESS NOTED OTHERWISE.
15. SLOPE ALL SANITARY GREASE WASTE PIPING AT 1/4"/FT UNLESS NOTED OTHERWISE.
16. INSTALL CLEANOUTS AT STACKS WHICH PENETRATE THE LOWEST FLOOR LEVEL 30" A.F.F. UNLESS NOTED OTHERWISE.
17. PROVIDE ISOLATION BALL VALVES AND BALANCING VALVES TO ISOLATE COLD WATER, HOT WATER SUPPLY AND HOT WATER RETURN BRANCH PIPING FROM ITS COLD WATER, HOT WATER SUPPLY AND HOT WATER RETURN MAIN PIPING FOR EACH PLUMBING FIXTURE OR ROOMS WITH MULTIPLE PLUMBING FIXTURES. ALL WATER SUPPLY PIPING SHALL BE FLUSHED AND HOT WATER PIPING SYSTEM BALANCED BY PLUMBING CONTRACTOR. SEE PLUMBING SPECIFICATIONS FOR MORE INFORMATION.
18. INSTALL EXTERIOR HOSE BIBBS AT 18" A.F.F. UNLESS NOTED OTHERWISE.
19. INSTALL INTERIOR HOSE BIBBS AT 36" A.F.F. UNLESS NOTED OTHERWISE.
20. INSTALL DOWN SPOUT NOZZLES AT 18" A.F.F. UNLESS NOTED OTHERWISE.

DESIGN PROFESSIONAL

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PUBLIC SAFETY FACILITY
705 EAST TAYLOR STREET
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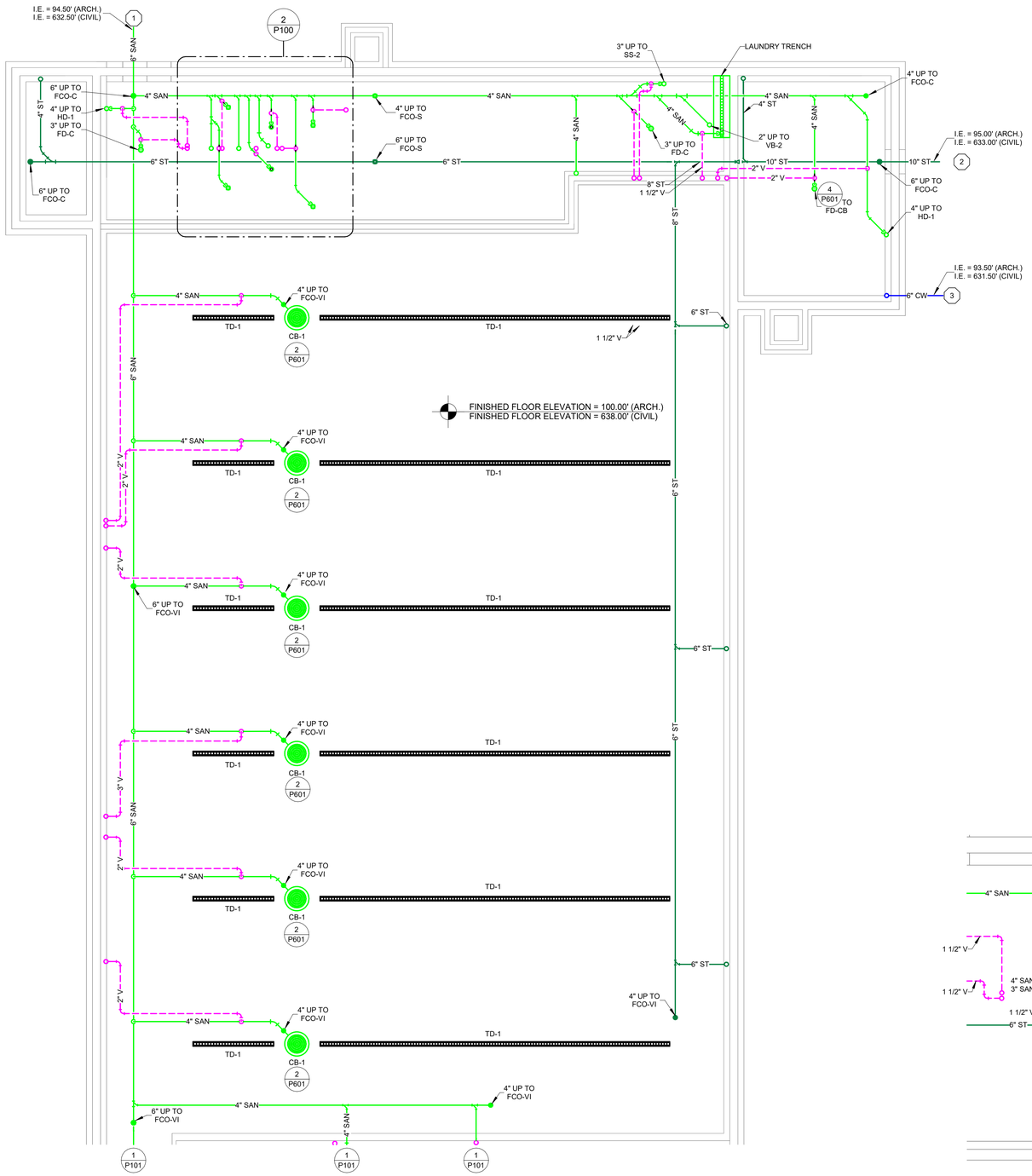
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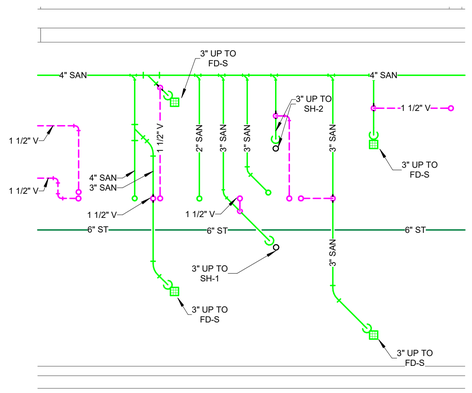
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GENERAL NOTES

P000



1 FOUNDATION PLAN - APPARATUS BAY
P100 1/8" = 1'-0"



2 DECON SHOWERS - ENLARGED FOUNDATION PLAN
P100 1/4" = 1'-0"

SHEET KEYNOTES	
1	TERMINATE SANITARY DRAIN PIPING 5 FEET OUTSIDE OF BUILDING FOR EXTENSION TO SANITARY SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS OF UNDERGROUND DRAIN PIPING WITH SEWER PIPING PRIOR TO ANY INSTALLATION. SEE CIVIL SHEETS FOR MORE INFORMATION.
2	TERMINATE STORM DRAIN PIPING 5 FEET OUTSIDE OF BUILDING FOR EXTENSION TO STORM SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS OF UNDERGROUND DRAIN PIPING WITH SEWER PIPING PRIOR TO ANY INSTALLATION. SEE CIVIL SHEETS FOR MORE INFORMATION.
3	TERMINATE WATER SERVICE PIPING 5 FEET OUTSIDE OF BUILDING FOR EXTENSION TO WATER SERVICE LATERAL BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS PRIOR TO ANY INSTALLATION. PROVIDE A MINIMUM OF 6.5 FEET OF GROUND COVER OVER WATER SERVICE PIPING. SEE CIVIL SHEETS FOR MORE INFORMATION.

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FOUNDATION PLAN - APPARATUS BAY

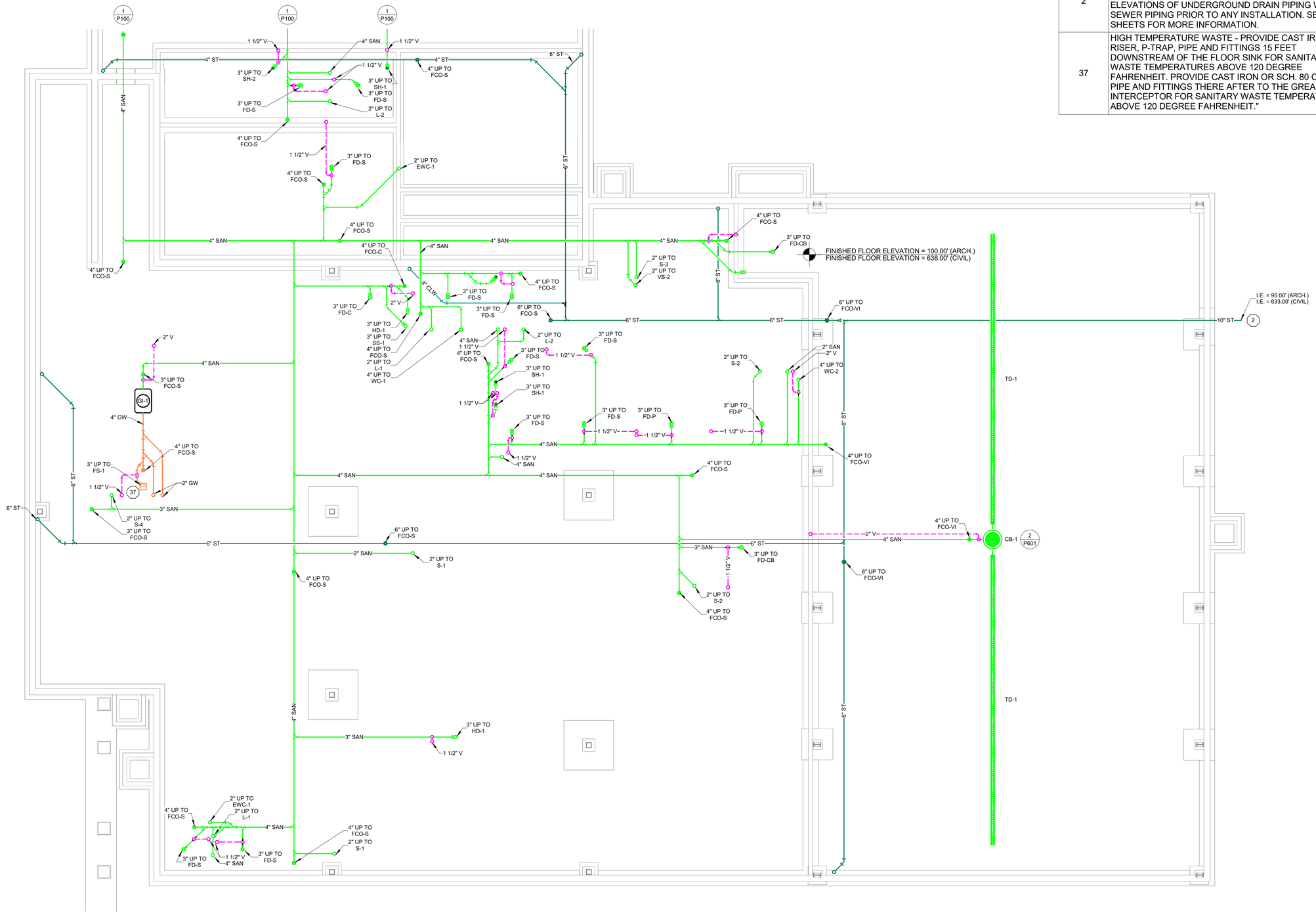
PROJECT NORTH

P100

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SHEET KEYNOTES

2	TERMINATE STORM DRAIN PIPING 5 FEET OUTSIDE OF BUILDING FOR EXTENSION TO STORM SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS OF UNDERGROUND DRAIN PIPING WITH SEWER PIPING PRIOR TO ANY INSTALLATION. SEE CIVIL SHEETS FOR MORE INFORMATION.
37	HIGH TEMPERATURE WASTE - PROVIDE CAST IRON RISER, P-TRAP, PIPE AND FITTINGS 15 FEET DOWNSTREAM OF THE FLOOR SINK FOR SANITARY WASTE TEMPERATURES ABOVE 120 DEGREE FAHRENHEIT. PROVIDE CAST IRON OR SCH. 80 CPVC PIPE AND FITTINGS THERE AFTER TO THE GREASE INTERCEPTOR FOR SANITARY WASTE TEMPERATURES ABOVE 120 DEGREE FAHRENHEIT."



1 P101 FOUNDATION PLAN - OFFICE / GARAGE

1/8" = 1'-0"

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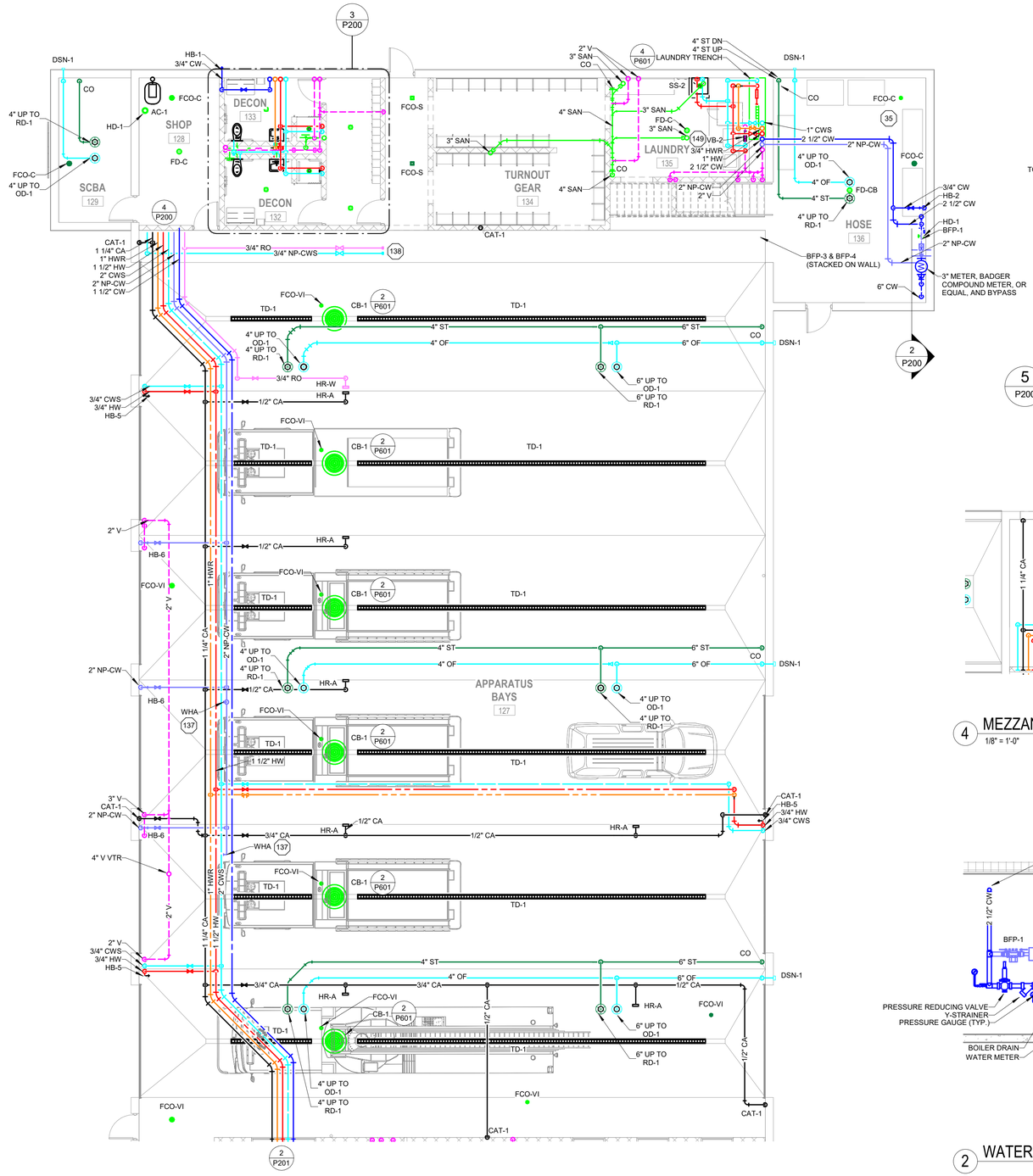
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FOUNDATION PLAN - OFFICE / GARAGE

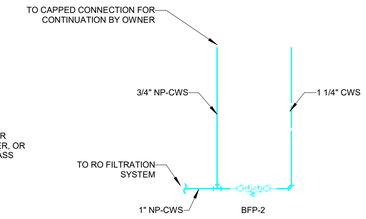
P101



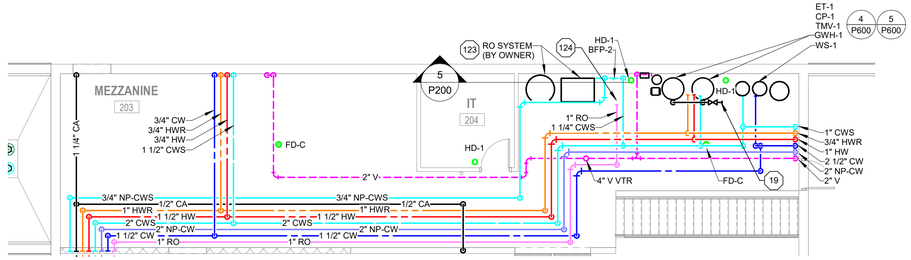
1 FIRST FLOOR PLAN - APPARATUS BAY
P200 1/8" = 1'-0"

SHEET KEYNOTES

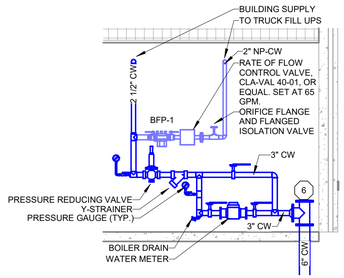
6	TERMINATE WATER PIPING 3 FEET ABOVE FINISH FLOOR FOR EXTENSION TO FIRE SPRINKLERS SYSTEM. COORDINATE FINAL LOCATION, SIZE AND FITTING TYPE WITH FIRE SPRINKLER CONTRACTOR.
19	CONNECT TO GAS PIPE TERMINATION PROVIDED BY THE MECHANICAL CONTRACTOR. PROVIDE GAS SHUT-OFF VALVES AND PRESSURE REGULATORS FOR PLUMBING EQUIPMENT. REQUIRED OUTLET GAS PRESSURE SHALL BE 7"- 14" W.C.
35	COMMERCIAL CLOTHE WASHER - FURNISHED BY THE OWNER AND INSTALLED BY GENERAL CONTRACTOR. PROVIDE HOT AND COLD WATER PIPING, REDUCED PRESSURE ZONE BACKFLOW PREVENTERS, SHUT-OFF VALVE AND WATER HAMMER ARRESTOR. DISCHARGE WASTE PIPING TO LAUNDRY TRENCH VIA AIR BREAK.
123	RO SYSTEM PROVIDED AND INSTALLED BY THE OWNER INCLUDING: STORAGE TANK; ALL REQUIRED PUMPS; FILTERS/MEMBRANE HOUSINGS; SYSTEM CONTROLS; ALL INTERCONNECTING SYSTEM PIPING/VALVES EXCLUDING CWS AND RO PIPING TO HOSE CONNECTIONS IN THE APPARATUS BAYS
124	PLUMBING CONTRACTOR IS RESPONSIBLE FOR THE CWS PIPING TO THE RO SYSTEM & THE RO PIPING FROM THE DISCHARGE PUMP TO HOSE CONNECTIONS IN THE APPARATUS BAYS. PROVIDE BFP-2 ON THE CWS SERVING THE RO SYSTEM.
137	PROVIDE AND INSTALL ZURN SHOKTROL Z1700 WATER HAMMER ARRESTORS, SIZE 600, OR EQUAL.
138	PROVIDE VALVES AND CAPS FOR RO WATER AND CWS FOR CONTINUATION BY OWNER.
149	RIGIDLY SUPPORT VALVE BOX AND ASSOCIATED PIPING BEHIND RESIDENTIAL WASHING MACHINE WITH U-CHANNEL.



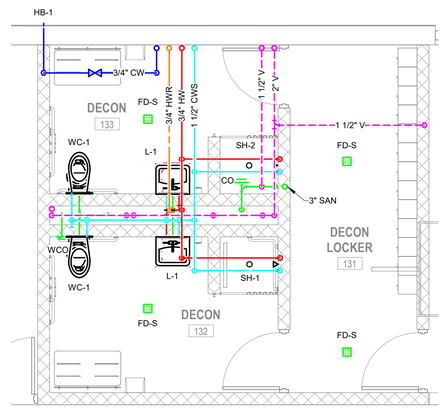
5 NON-POTABLE BACKFLOW PREVENTER DETAIL
P200



4 MEZZANINE NORTH
1/8" = 1'-0"



2 WATER METER DETAIL



3 DECON SHOWERS - ENLARGED PLAN
1/4" = 1'-0"

PROJECT NORTH

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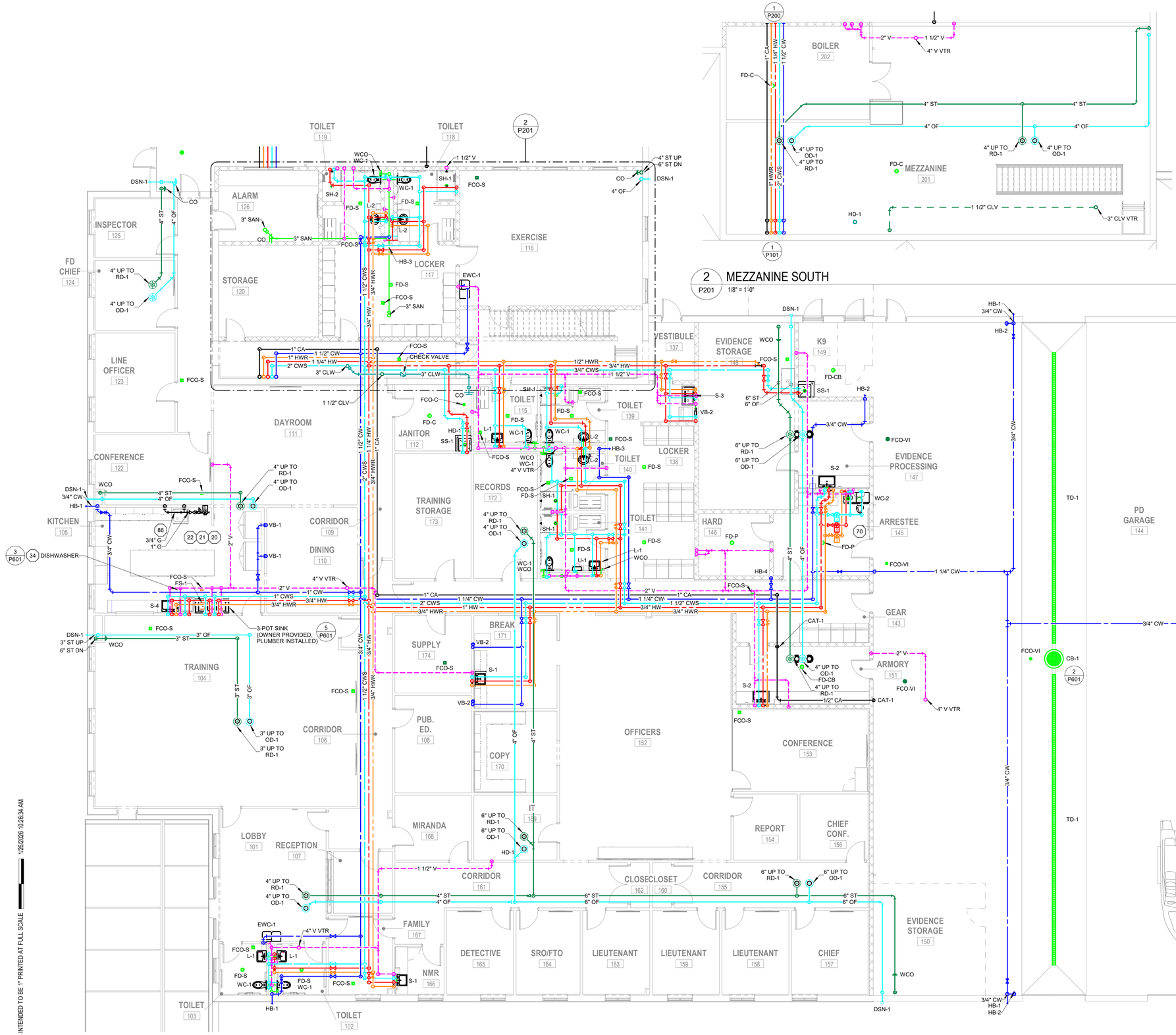
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Drawn By	RD
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

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REV. #	DESCRIPTION	DATE

FIRST FLOOR PLAN - APPARATUS BAY

P200



1 P201 1/8" = 1'-0"

1 FIRST FLOOR - OFFICE / GARAGE

2 P201 1/8" = 1'-0"

2 MEZZANINE SOUTH

PROJECT NORTH

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1/26/2026 10:26:34 AM

SHEET KEYNOTES

20	CONNECT TO GAS PIPE TERMINATION PROVIDED BY THE MECHANICAL CONTRACTOR. PROVIDE GAS SHUT-OFF VALVE AND PRESSURE REGULATOR FOR KITCHEN EQUIPMENT. REQUIRED OUTLET GAS PRESSURE SHALL BE 7"- 14" W.C.
21	MECHANICAL GAS VALVE - PROVIDE FINAL INSTALLATION OF MECHANICAL GAS VALVE FOR EMERGENCY SHUTOFF BELOW CEILING TIGHT TO WALL. COORDINATE FINAL LOCATION, SIZE AND FITTING TYPE WITH KITCHEN HOOD FIRE SUPPRESSION CONTRACTOR AND ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION.
22	SOLENOID GAS VALVE - PROVIDE AND MOUNT GAS SHUT-OFF VALVE, PRESSURE REGULATOR AND NORMALLY CLOSED SOLENOID VALVE FOR EMERGENCY SHUTOFF BELOW CEILING TIGHT TO WALL IN KITCHEN. MANUAL VALVE SHALL BE READILY ACCESSIBLE FROM THE FLOOR. COORDINATE FINAL LOCATION AND SIZE TYPE WITH ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION.
34	COMMERCIAL DISH MACHINE - FURNISHED BY THE OWNER AND INSTALLED BY THE PLUMBING CONTRACTOR. PROVIDE HOT WATER PIPING, SHUT-OFF VALVE AND WATER HAMMER ARRESTOR FOR DISH MACHINE WATER SUPPLY. PROVIDE COLD WATER PIPING, SHUT-OFF VALVE, BACKFLOW PREVENTER AND WATER HAMMER ARRESTOR FOR DISH MACHINE DRAIN TEMPERING VALVE. DISCHARGE WASTE PIPING WITH COPPER PIPING TO ADJACENT FLOOR SINK VIA AN AIR GAP.
70	SOLENOID WATER VALVE - PROVIDE NORMALLY OPEN SOLENOID VALVE FOR TOILET ROOM REMOTE WATER SHUTOFF. COORDINATE FINAL LOCATION WITH ELECTRICAL CONTRACTOR.
86	GAS RANGE & FRYER - FURNISHED BY THE OWNER AND INSTALLED BY THE PLUMBING CONTRACTOR. PROVIDE GAS PIPING, SHUT-OFF VALVE AND 3/4 INCH X 48 INCHQQ LONG DORMONT BLUE HOSE - 1675BP FOR EACH.

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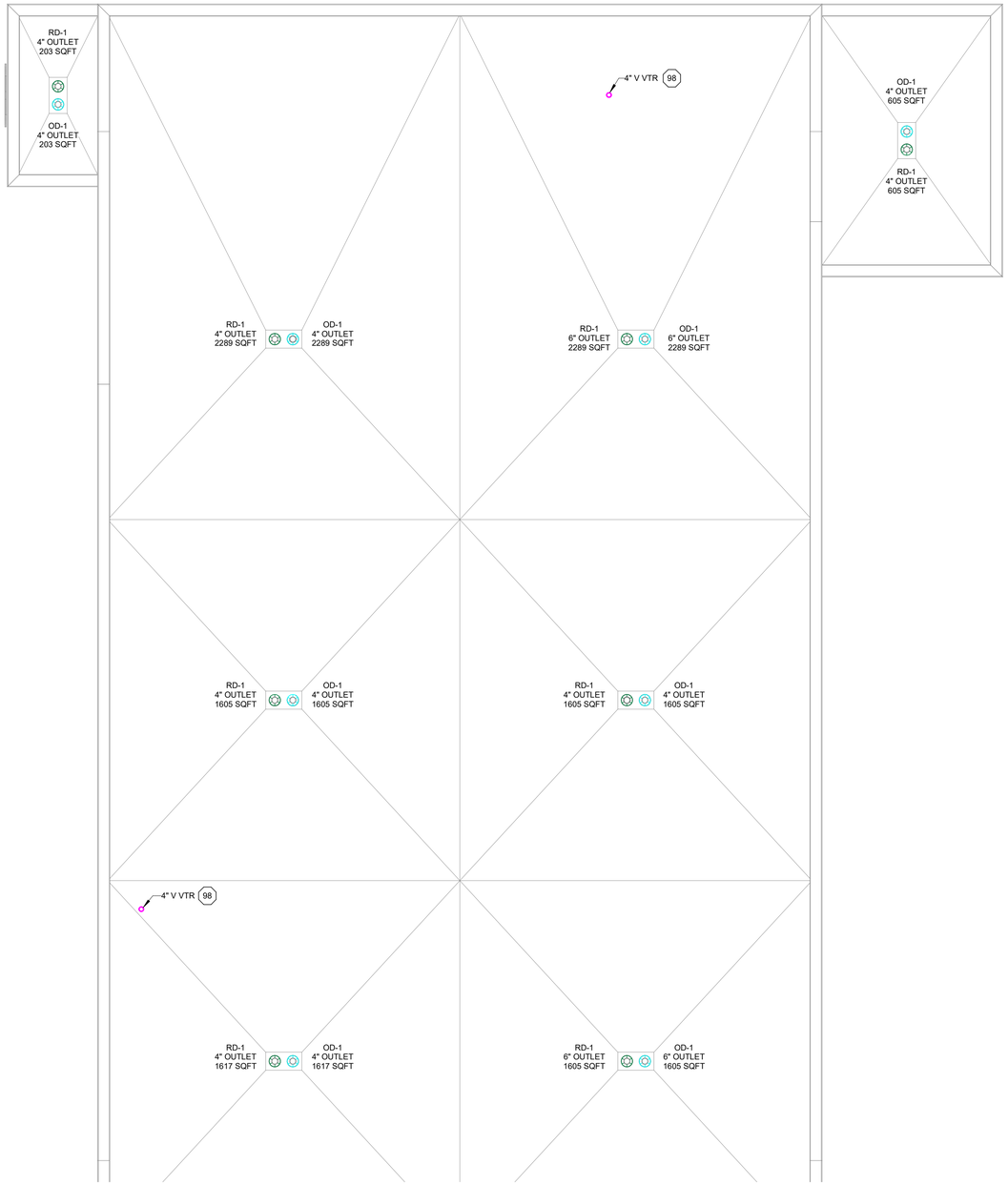
REV. #	DESCRIPTION	DATE

FIRST FLOOR PLAN - OFFICE / GARAGE

P201

SHEET KEYNOTES

98	VTR - ALL VENTS THROUGH ROOF SHALL BE LOCATED 10 FEET AWAY FROM ANY HVAC EQUIPMENT'S FRESH AIR INTAKE OR OPERABLE WINDOWS.



1 P300 ROOF PLAN - APPARATUS BAY
1/8" = 1'-0"

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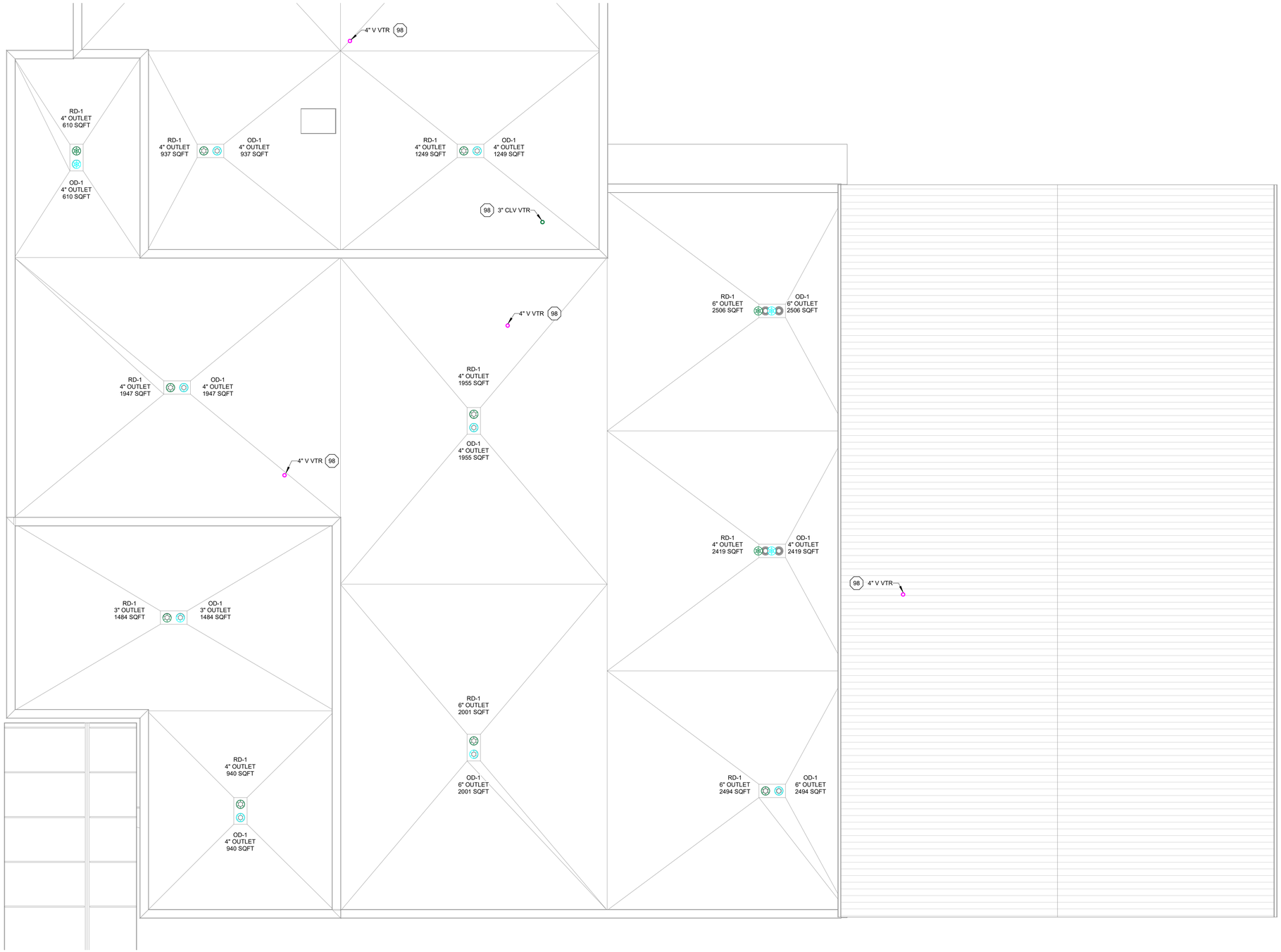
ROOF PLAN - APPARATUS BAY

PROJECT NORTH

P300

SHEET KEYNOTES

98	VTR - ALL VENTS THROUGH ROOF SHALL BE LOCATED 10 FEET AWAY FROM ANY HVAC EQUIPMENT'S FRESH AIR INTAKE OR OPERABLE WINDOWS.



1 P301 ROOF PLAN - OFFICE / GARAGE
1/8" = 1'-0"

PROJECT NORTH

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ROOF PLAN - OFFICE / GARAGE

P301

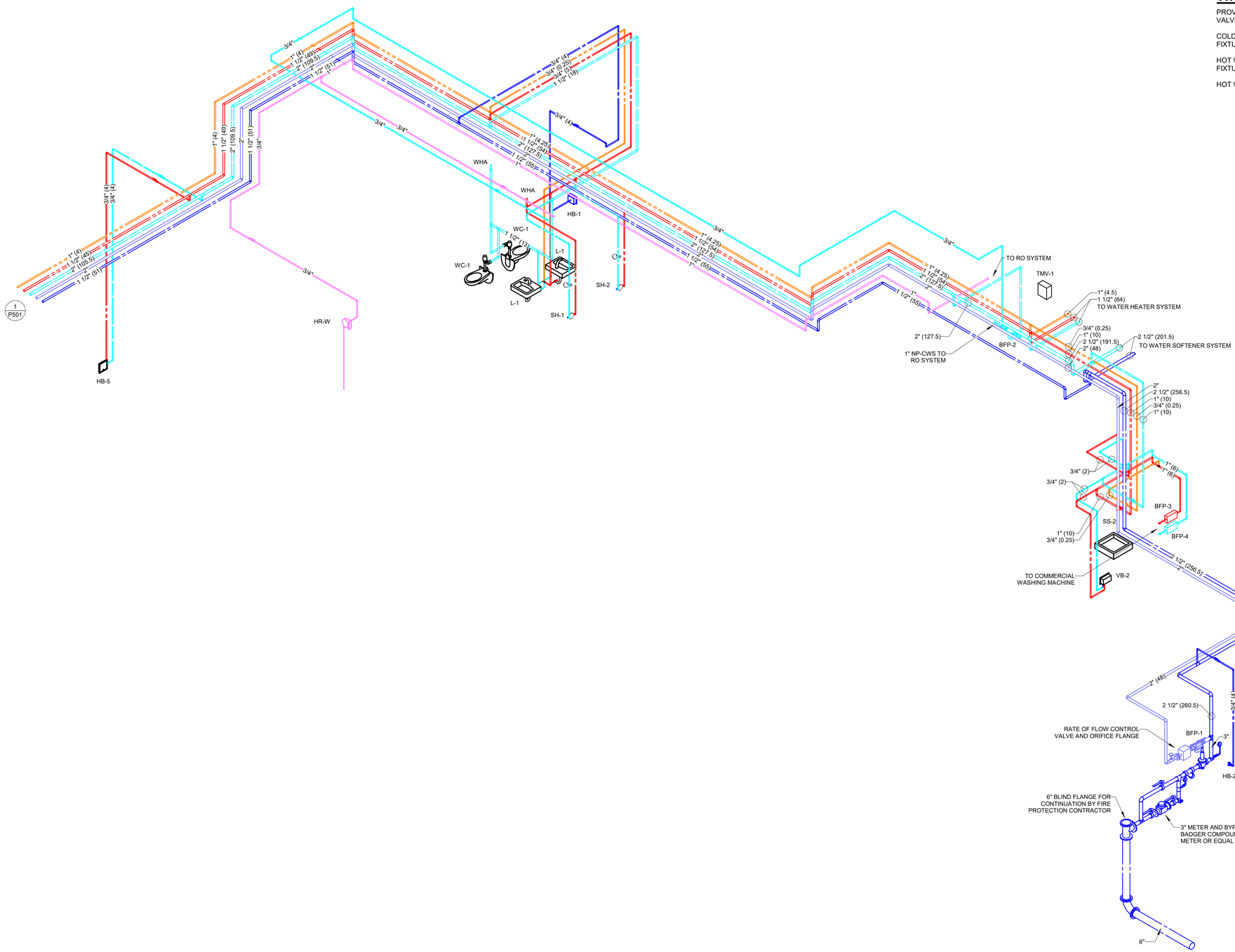
WATER ISOMETRIC NOTES

PROVIDE WATER HAMMER ARRESTORS ON ALL INDIVIDUAL FLUSH VALVES, BANK OF FLUSH VALVES, AND QUICK CLOSING DEVICES.

COLD WATER SUPPLY UNIT VALUES ARE SHOWN AS WATER FIXTURE UNITS.

HOT WATER SUPPLY UNIT VALUES ARE SHOWN AS WATER FIXTURE UNITS.

HOT WATER RETURN UNIT VALUES ARE SHOWN AS GPM.



1 P500 DOMESTIC WATER ISO - APPARATUS BAY

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REV. #	DESCRIPTION	DATE

DOMESTIC WATER
ISOMETRIC - APPARATUS BAY

P500

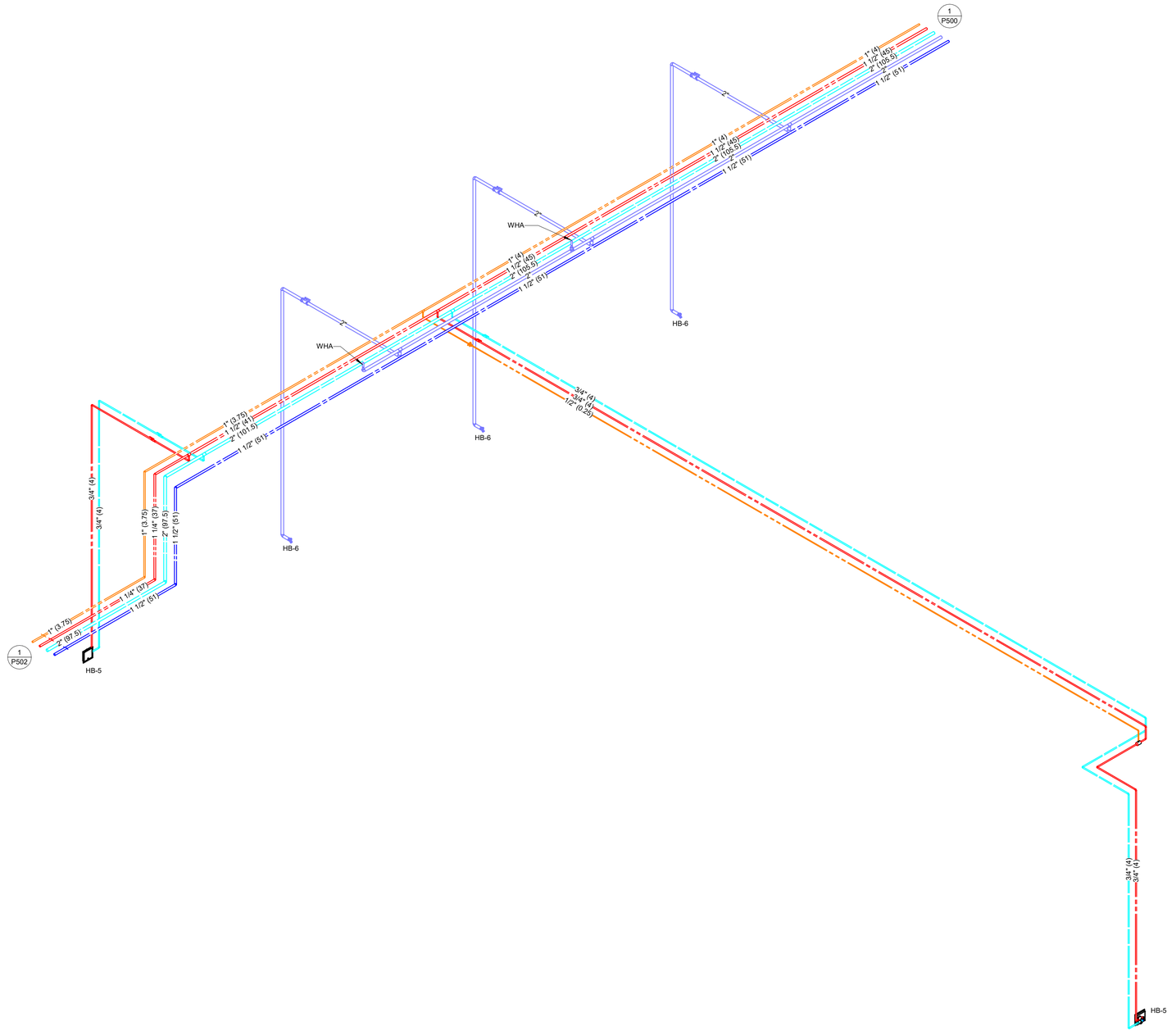
WATER ISOMETRIC NOTES

PROVIDE WATER HAMMER ARRESTORS ON ALL INDIVIDUAL FLUSH VALVES, BANK OF FLUSH VALVES, AND QUICK CLOSING DEVICES.

COLD WATER SUPPLY UNIT VALUES ARE SHOWN AS WATER FIXTURE UNITS.

HOT WATER SUPPLY UNIT VALUES ARE SHOWN AS WATER FIXTURE UNITS.

HOT WATER RETURN UNIT VALUES ARE SHOWN AS GPM.



1 P501 DOMESTIC WATER ISO - APPARATUS BAY (cont.)

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REV. #	DESCRIPTION	DATE

DOMESTIC WATER ISOMETRIC - APPARATUS BAY (cont.)

P501

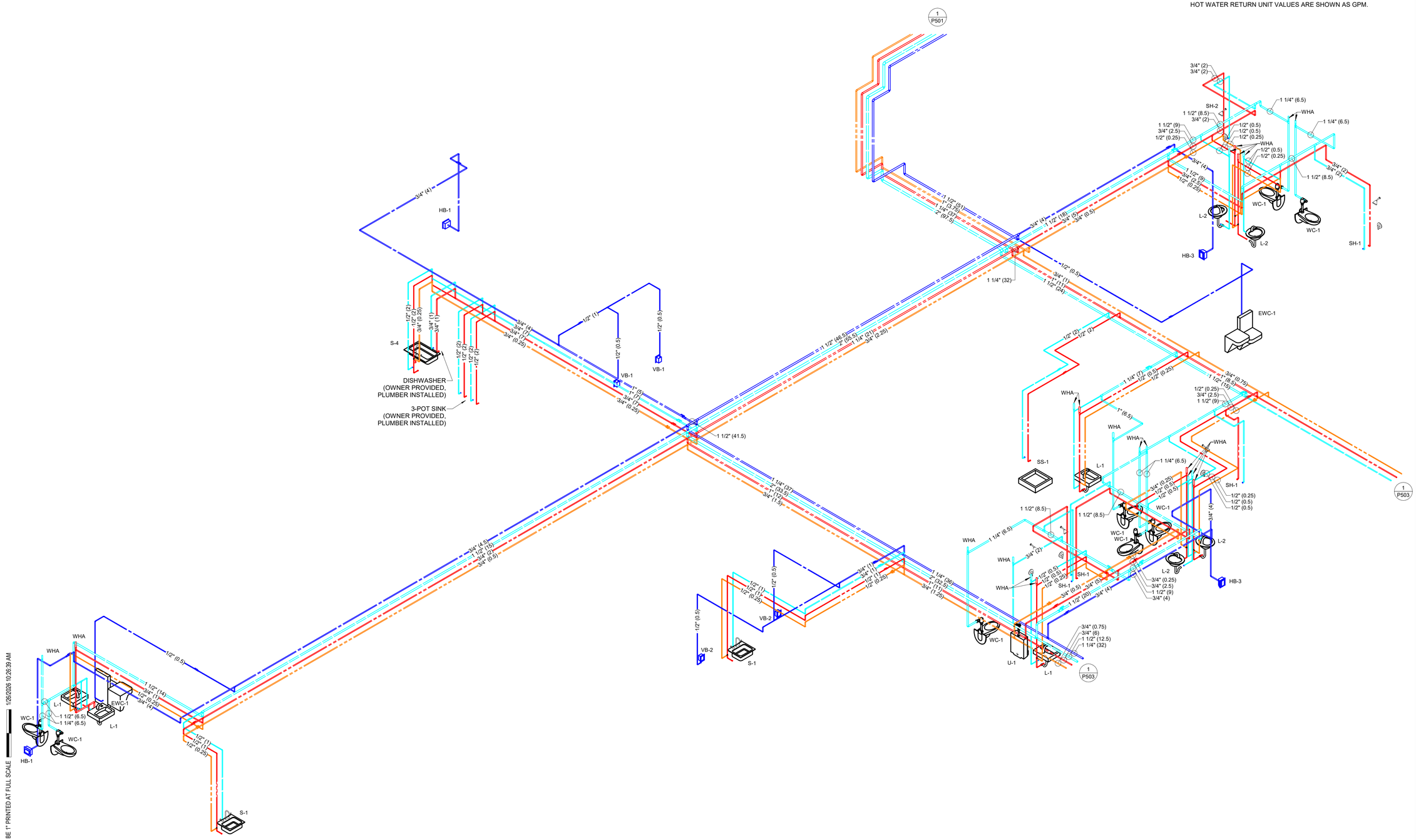
WATER ISOMETRIC NOTES

PROVIDE WATER HAMMER ARRESTORS ON ALL INDIVIDUAL FLUSH VALVES, BANK OF FLUSH VALVES, AND QUICK CLOSING DEVICES.

COLD WATER SUPPLY UNIT VALUES ARE SHOWN AS WATER FIXTURE UNITS.

HOT WATER SUPPLY UNIT VALUES ARE SHOWN AS WATER FIXTURE UNITS.

HOT WATER RETURN UNIT VALUES ARE SHOWN AS GPM.



1 P502 DOMESTIC WATER ISO - OFFICE / GARAGE

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DOMESTIC WATER ISOMETRIC - OFFICE / GARAGE

P502

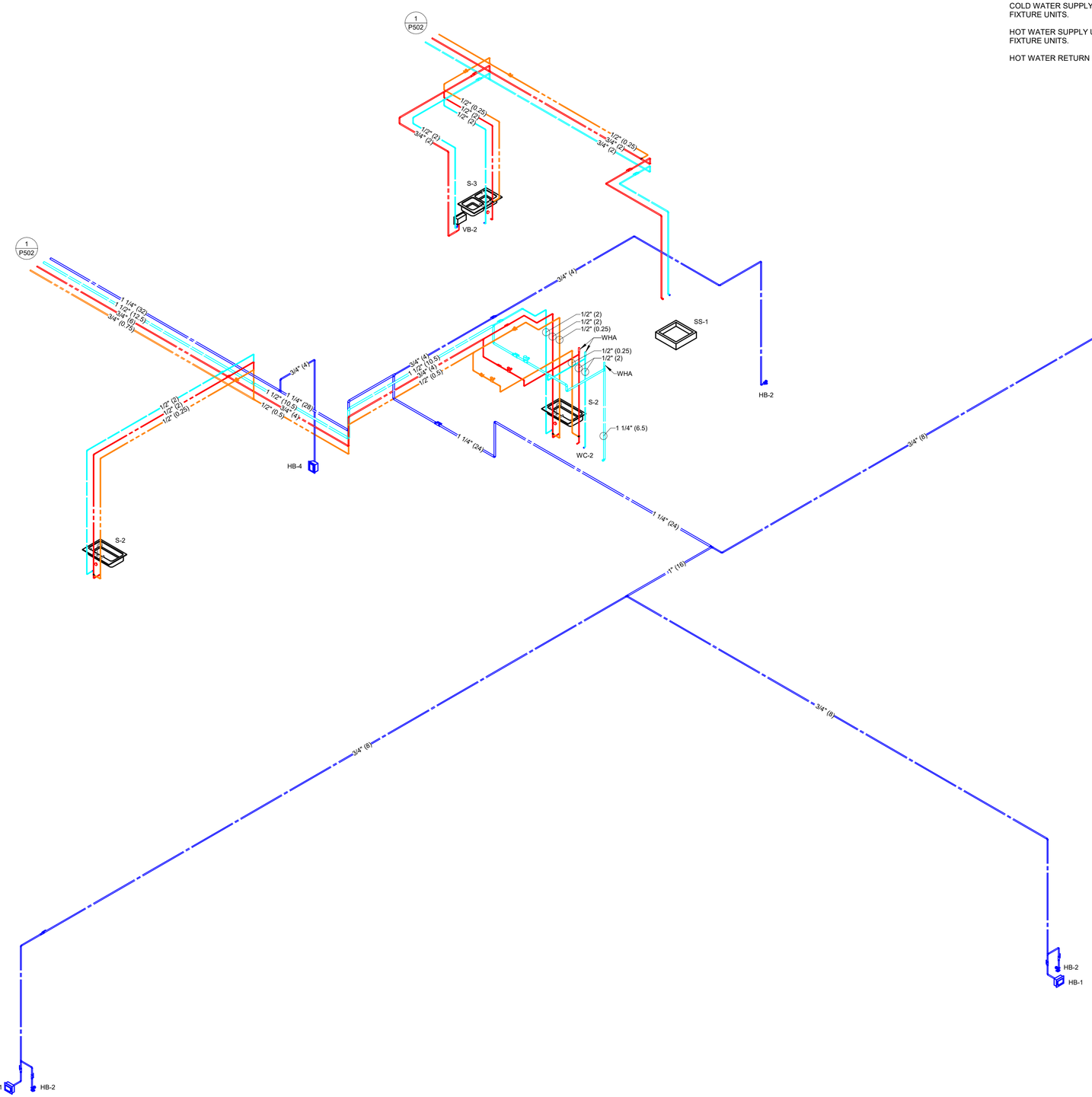
WATER ISOMETRIC NOTES

PROVIDE WATER HAMMER ARRESTORS ON ALL INDIVIDUAL FLUSH VALVES, BANK OF FLUSH VALVES, AND QUICK CLOSING DEVICES.

COLD WATER SUPPLY UNIT VALUES ARE SHOWN AS WATER FIXTURE UNITS.

HOT WATER SUPPLY UNIT VALUES ARE SHOWN AS WATER FIXTURE UNITS.

HOT WATER RETURN UNIT VALUES ARE SHOWN AS GPM.



1 P503 DOMESTIC WATER ISO - OFFICE / GARAGE (cont.)

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DOMESTIC WATER ISOMETRIC - OFFICE / GARAGE (cont.)

P503

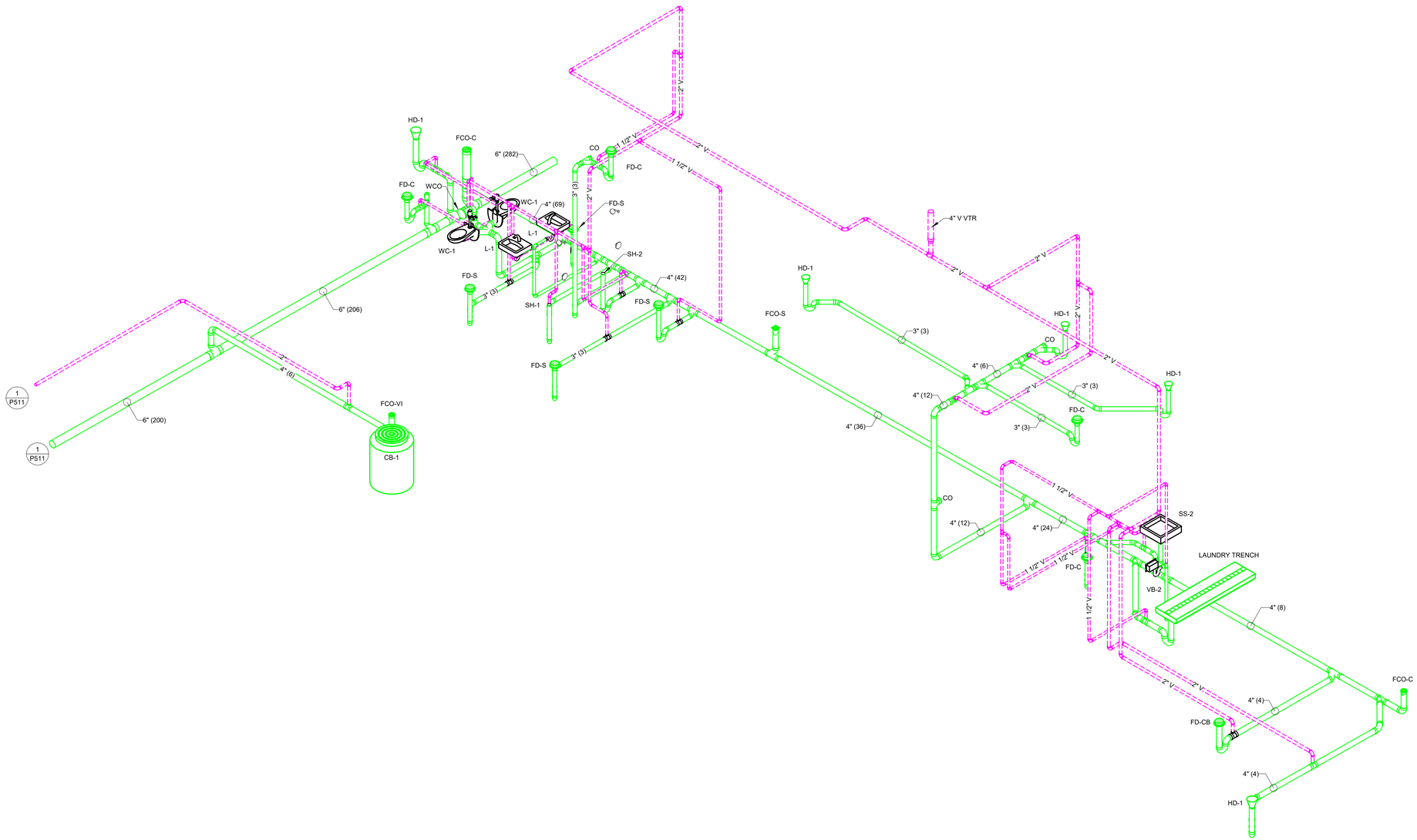
SANITARY ISOMETRIC NOTES

ALL VENT PIPING SERVING INDIVIDUAL WATER CLOSETS WITH CARRIERS SHALL BE 2" UNLESS OTHERWISE NOTED.

ALL VENT PIPING SERVING INDIVIDUAL FIXTURES, OTHER THAN WATER CLOSETS WITH CARRIERS, SHALL BE 1 1/2" UNLESS OTHERWISE NOTED.

SANITARY DRAIN UNIT VALUES ARE SHOWN AS DRAINAGE FIXTURE UNITS.

SANITARY VENT UNIT VALUES ARE SHOWN AS DRAINAGE FIXTURE UNITS.



1 P510 SANITARY DWV ISO - APPARATUS BAY

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SANITARY DWV ISOMETRIC
- APPARATUS BAY

P510

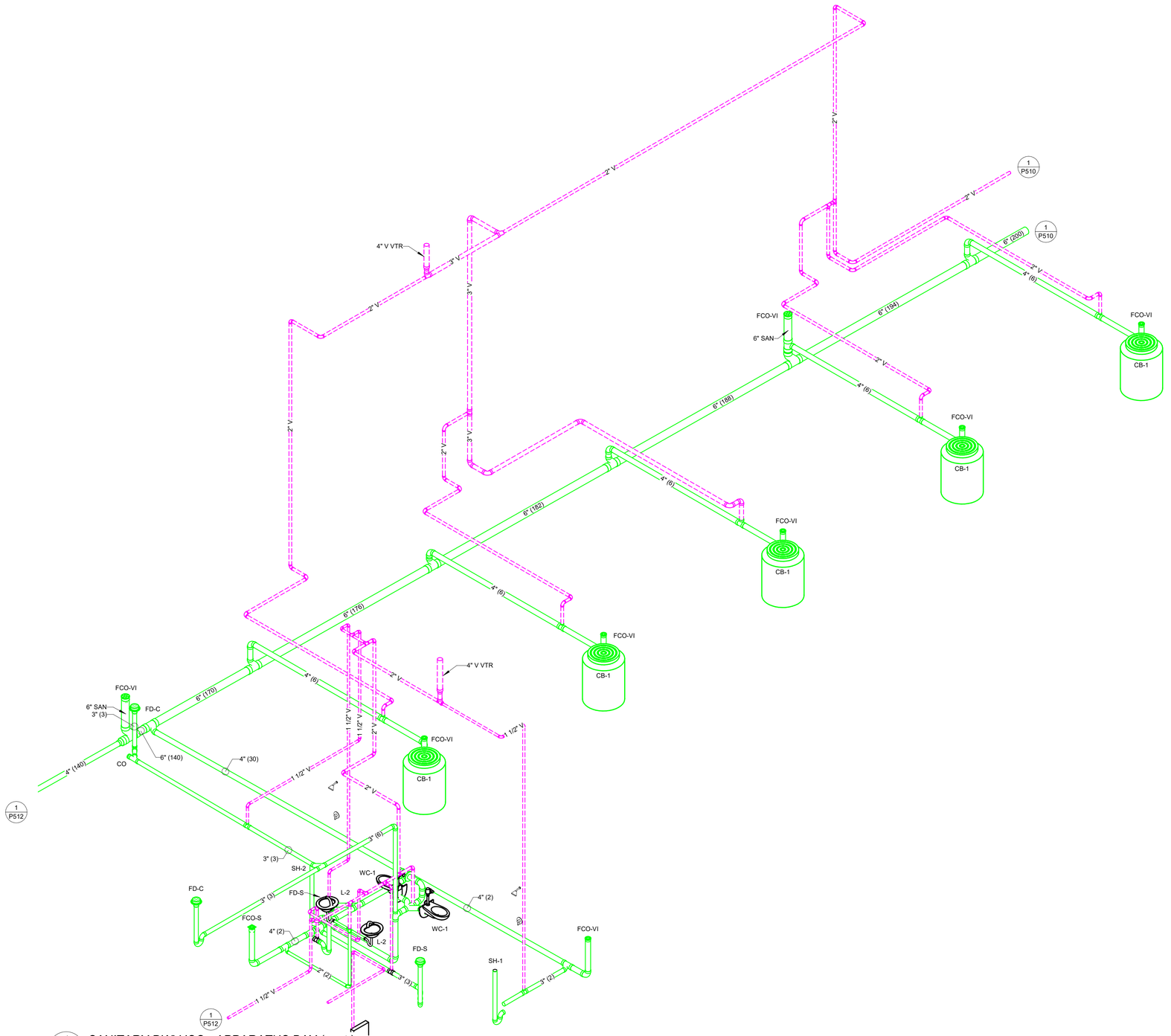
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SANITARY DRAIN UNIT VALUES ARE SHOWN AS DRAINAGE FIXTURE UNITS.

SANITARY VENT UNIT VALUES ARE SHOWN AS DRAINAGE FIXTURE UNITS.



1 P511 SANITARY DWV ISO - APPARATUS BAY (cont.)

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SANITARY DWV ISOMETRIC
- APPARATUS BAY (cont.)

P511

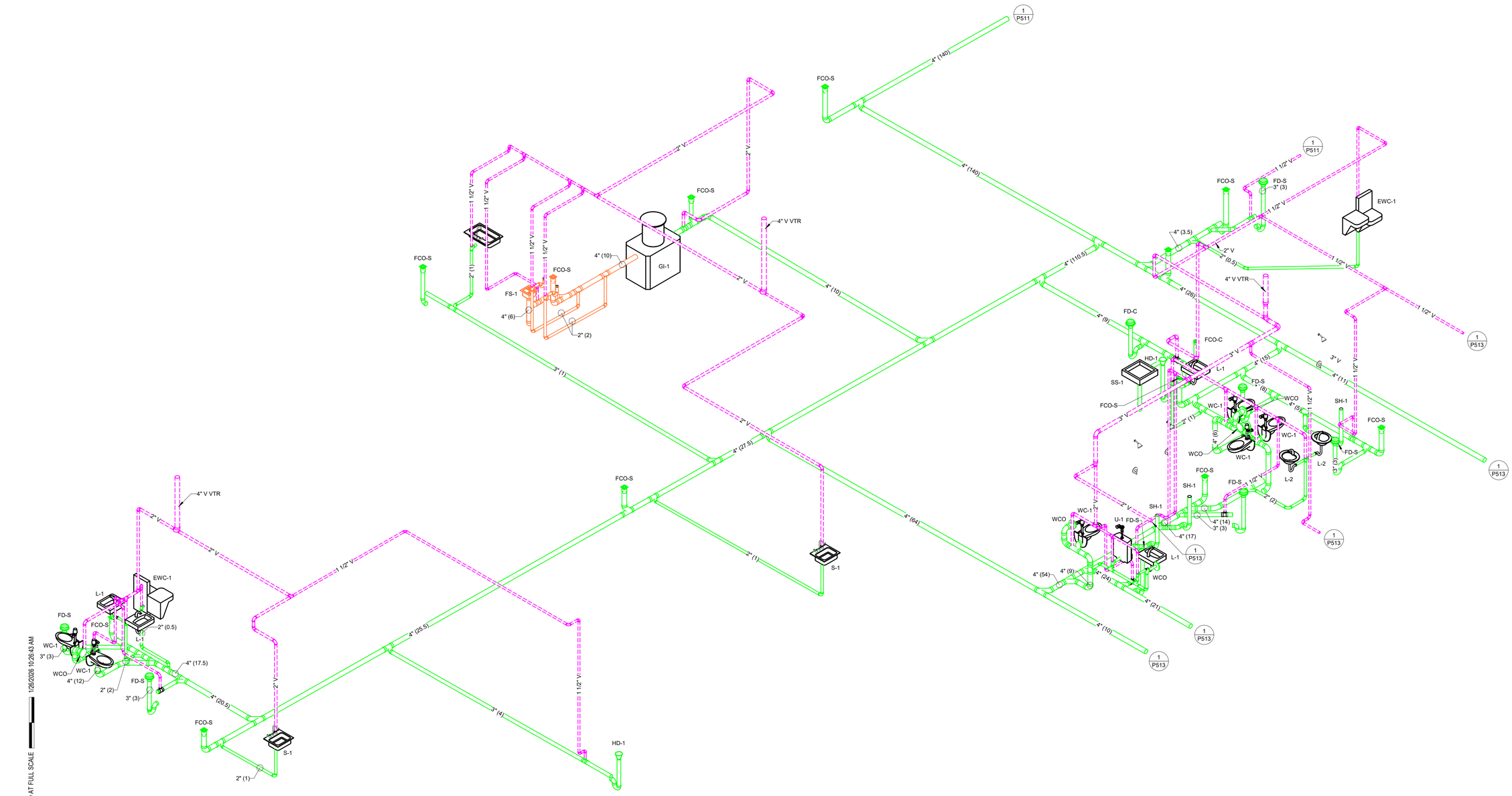
SANITARY ISOMETRIC NOTES

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ALL VENT PIPING SERVING INDIVIDUAL FIXTURES, OTHER THAN WATER CLOSETS WITH CARRIERS, SHALL BE 1 1/2" UNLESS OTHERWISE NOTED.

SANITARY DRAIN UNIT VALUES ARE SHOWN AS DRAINAGE FIXTURE UNITS.

SANITARY VENT UNIT VALUES ARE SHOWN AS DRAINAGE FIXTURE UNITS.



1 P512 SANITARY DWV ISO - OFFICE / GARAGE

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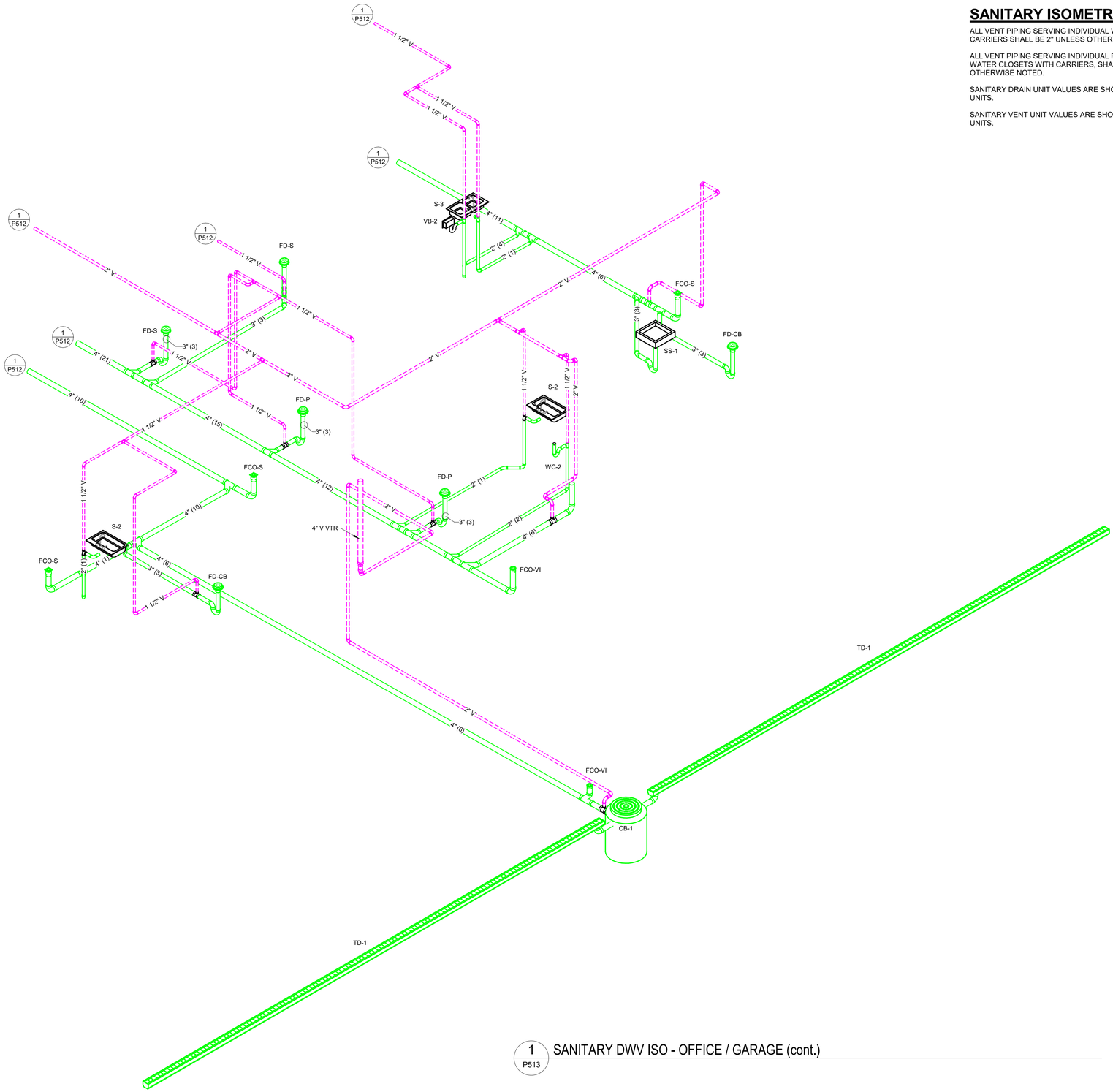
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REV. #	DESCRIPTION	DATE

SANITARY DWV ISOMETRIC - OFFICE / GARAGE

P512



1 P513 SANITARY DWV ISO - OFFICE / GARAGE (cont.)

SANITARY ISOMETRIC NOTES

ALL VENT PIPING SERVING INDIVIDUAL WATER CLOSETS WITH CARRIERS SHALL BE 2" UNLESS OTHERWISE NOTED.

ALL VENT PIPING SERVING INDIVIDUAL FIXTURES, OTHER THAN WATER CLOSETS WITH CARRIERS, SHALL BE 1 1/2" UNLESS OTHERWISE NOTED.

SANITARY DRAIN UNIT VALUES ARE SHOWN AS DRAINAGE FIXTURE UNITS.

SANITARY VENT UNIT VALUES ARE SHOWN AS DRAINAGE FIXTURE UNITS.

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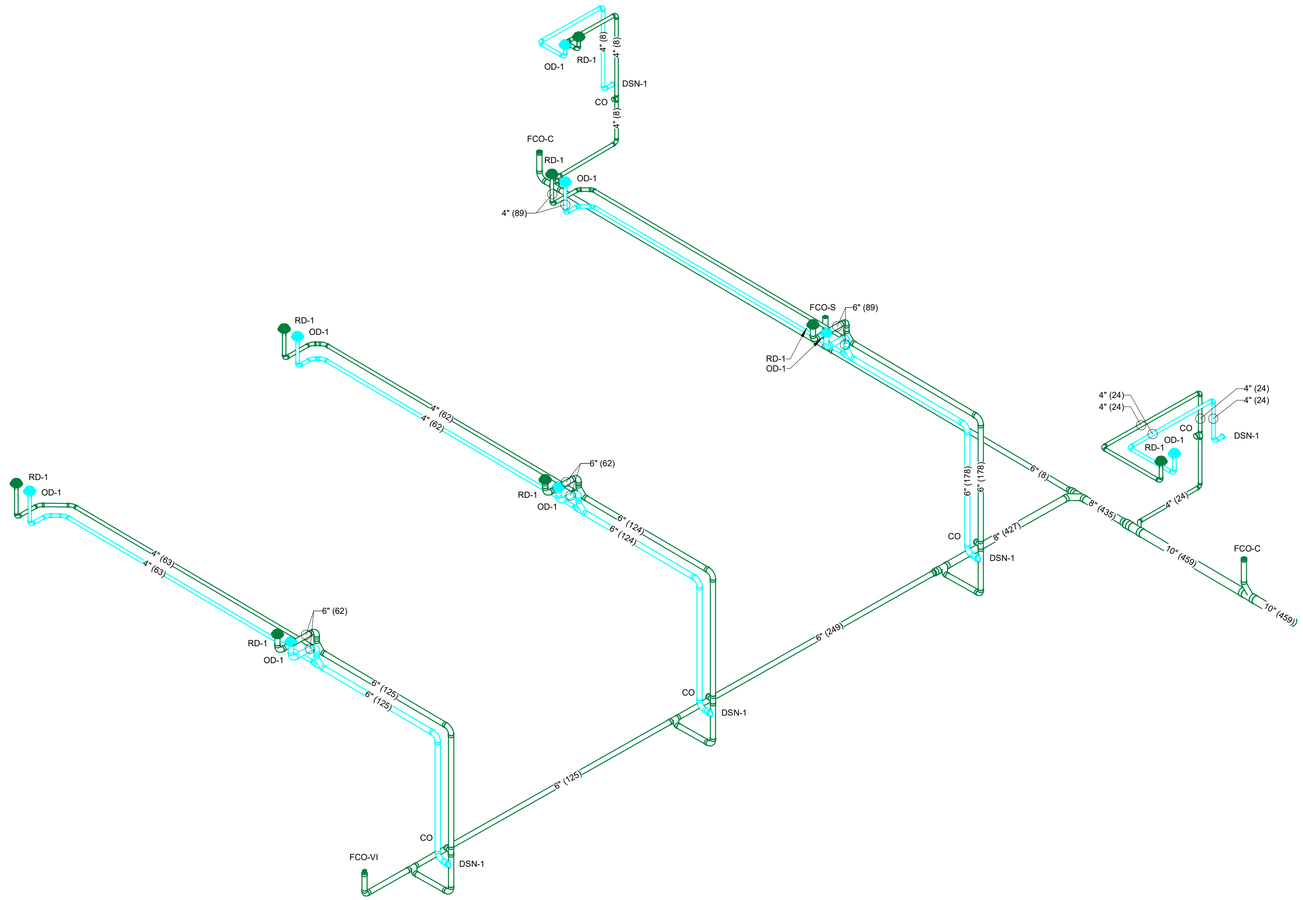
SANITARY DWV ISOMETRIC
- OFFICE / GARAGE (cont.)

P513

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STORM AND CLEAR WATER ISOMETRIC NOTES

UNIT VALUES ARE SHOWN AS GALLONS PER MINUTE.



1 P520 STORM ISOMETRIC

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Drawn By	RD

Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

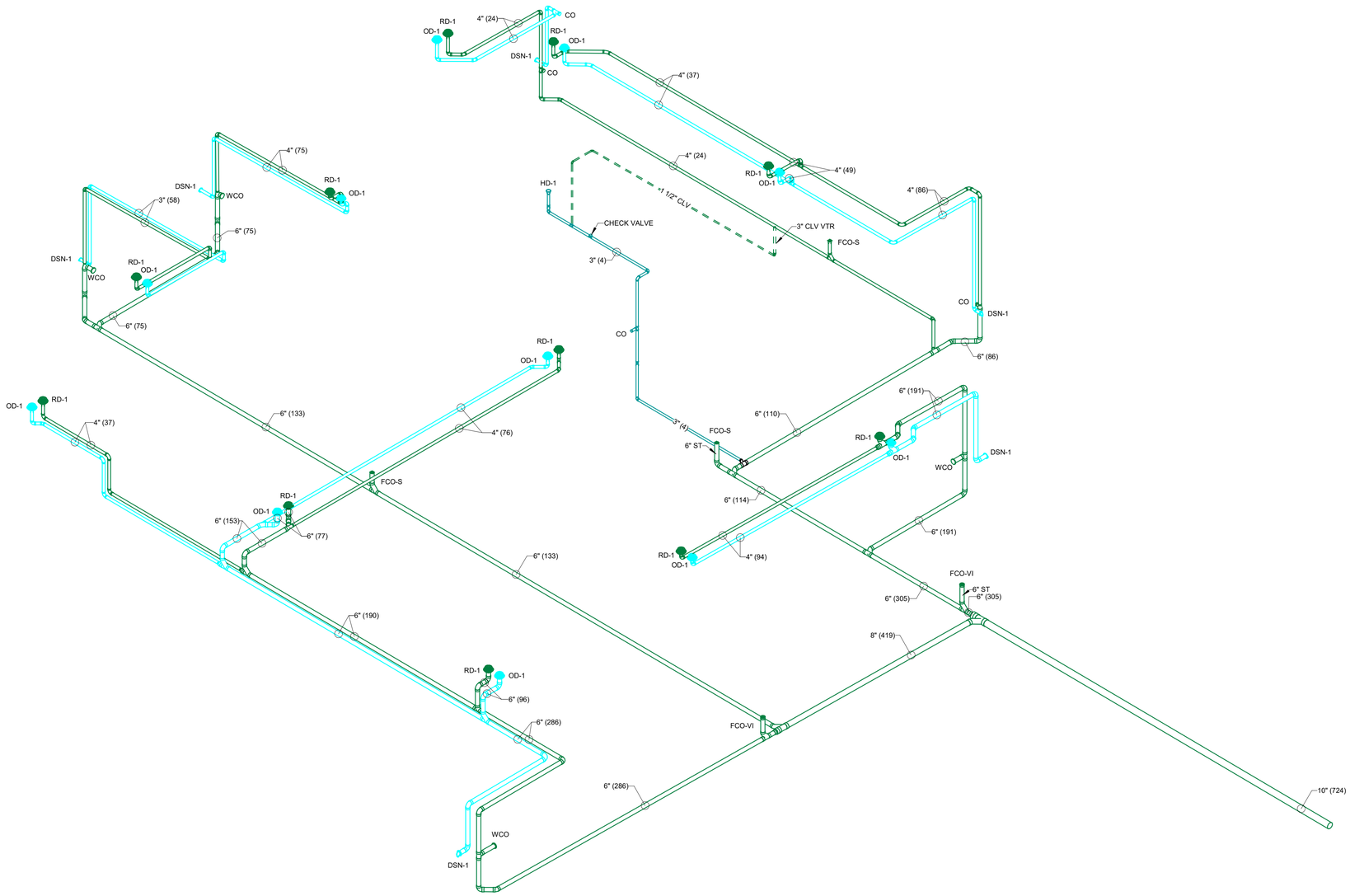
REV. #	DESCRIPTION	DATE

STORM DWV ISOMETRIC - APPARATUS BAY

P520

STORM AND CLEAR WATER ISOMETRIC NOTES

UNIT VALUES ARE SHOWN AS GALLONS PER MINUTE.



1 STORM ISOMETRIC
P521

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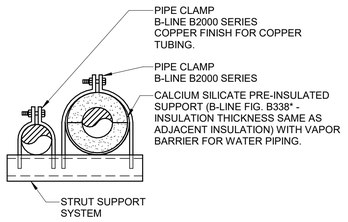
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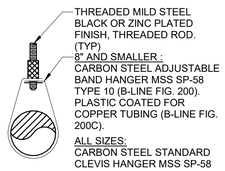
STORM DWV ISOMETRIC - OFFICE / GARAGE

P521

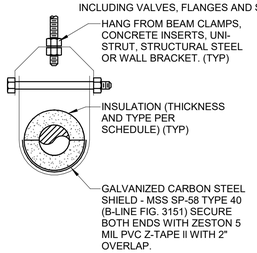


MAX. SPACING BETWEEN PIPE SUPPORTS AND MIN. HANGER ROD SIZES											
PIPE SIZE	STEEL			COPPER			PVC	CPVC	PEX	CAST IRON	MIN. ROD
	WATER	GAS	MIN. ROD	WATER	GAS	MIN. ROD					
1/4"-1/2"	7	6'	3/8"	5'	6'	3/8"	4'	3'	32"	5'	3/8"
3/4"	7'	9'	3/8"	5'	7'	3/8"	4'	3'	32"	5'	3/8"
1"	7'	9'	3/8"	6'	8'	3/8"	4'	3'	32"	5'	3/8"
1 1/4"	7'	9'	3/8"	7'	9'	3/8"	4'	4'	32"	5'	3/8"
1 1/2"	9'	12'	3/8"	8'	10'	3/8"	4'	4'	32"	5'	3/8"
2"	10'	12'	3/8"	8'	11'	3/8"	4'	4'	-	5'	3/8"
2 1/2"	11'	12'	3/8"	9'	12'	3/8"	4'	4'	-	5'	3/8"
3"	12'	12'	3/8"	10'	12'	3/8"	4'	4'	-	5'	3/8"
4"	12'	12'	3/8"	12'	12'	3/8"	4'	4'	-	5'	3/8"
6"	12'	12'	3/8"	12'	12'	3/8"	4'	4'	-	5'	3/8"
8"	12'	12'	1/2"	-	-	-	4'	4'	-	5'	3/8"
10"	12'	12'	1/2"	-	-	-	4'	4'	-	-	3/8"
12"	12'	12'	5/8"	-	-	-	4'	4'	-	-	3/8"
14"	12'	12'	5/8"	-	-	-	4'	4'	-	-	3/8"
16"	12'	12'	3/4"	-	-	-	4'	4'	-	-	3/8"
MAX VERT. (1)	15'	15'	-	10'	10'	-	10'	10'	10'		-

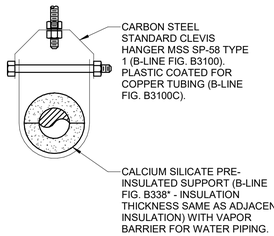
(1) SUPPORT AT MINIMUM EVERY FLOOR LEVEL OR SPACING LISTED.
(2) SPACING MAY BE INCREASED TO 10' FOR 10' PIPE LENGTHS.
MSS = MANUFACTURER'S STANDARDIZATION SOCIETY
- INSTALL ADDITIONAL HANGERS WITHIN 12" OF ELBOWS AND TEES AND AT CONCENTRATED LOADS, INCLUDING VALVES, FLANGES AND STRAINERS 2 1/2" AND LARGER.



APPLICATIONS
- UNINSULATED PIPING

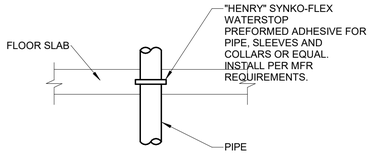


APPLICATIONS
- HOT AND COLD WATER PIPING

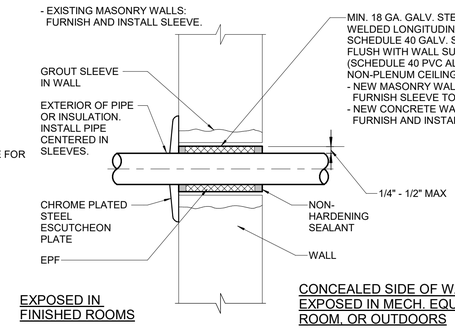


APPLICATIONS
- HOT AND COLD WATER PIPING

1 PIPE HANGER AND INSULATION DETAILS



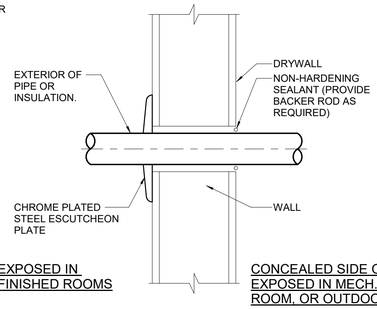
APPLICATIONS
- SLAB ON GRADE PIPE PENETRATION DETAIL



EXPOSED IN FINISHED ROOMS

CONCEALED SIDE OF WALL, EXPOSED IN MECH. EQUIP. ROOM, OR OUTDOORS

APPLICATIONS
- PIPE PENETRATION THRU MASONRY OR CONCRETE WALL

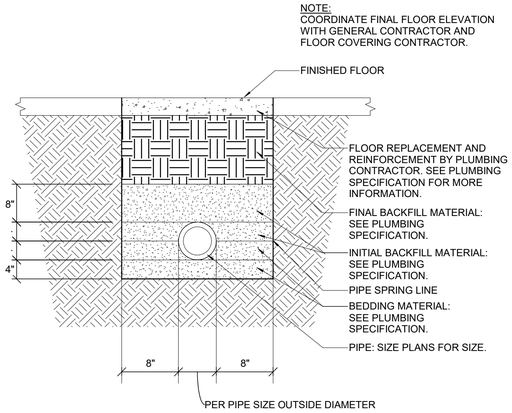


EXPOSED IN FINISHED ROOMS

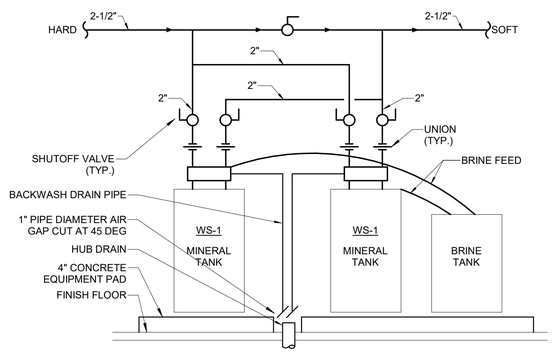
CONCEALED SIDE OF WALL, EXPOSED IN MECH. EQUIP. ROOM, OR OUTDOORS

APPLICATIONS
- PIPE PENETRATION THRU STUD WALL

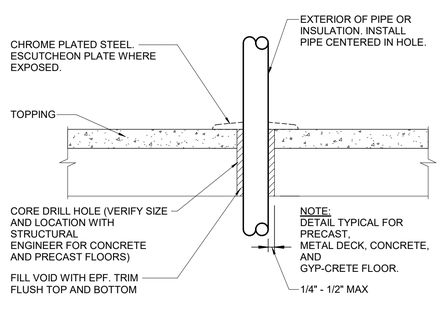
2 PIPE PENETRATION DETAILS



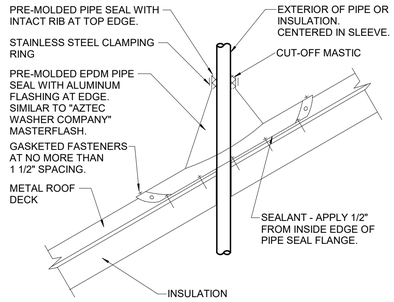
3 PIPE TRENCH DETAIL



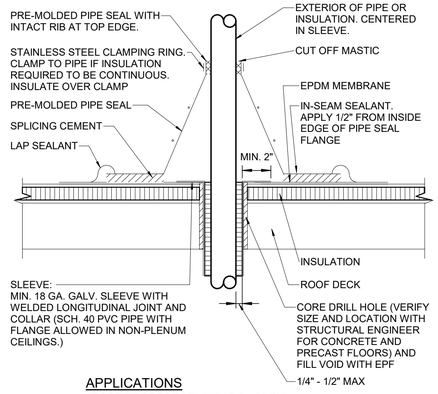
4 WATER SOFTENER PIPING DETAIL



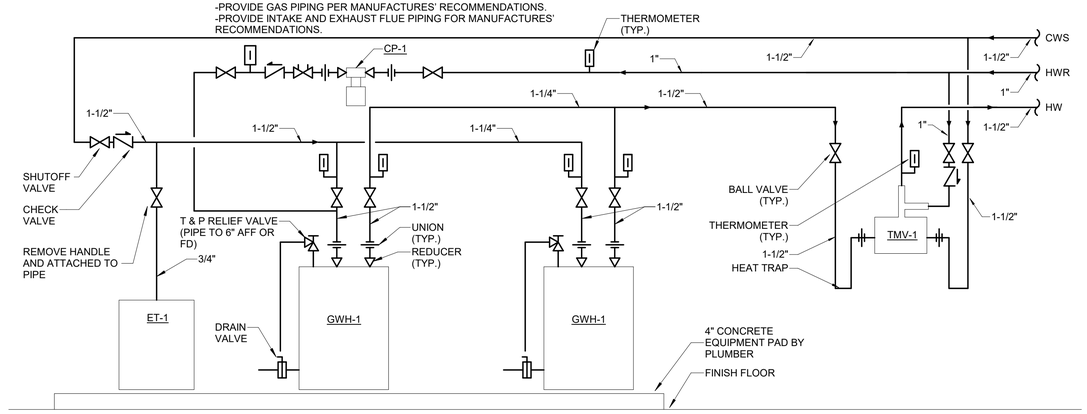
APPLICATIONS
- PIPE PENETRATION THRU ABOVE GRADE FLOOR



APPLICATIONS
- METAL ROOF PIPE PENETRATION DETAIL



APPLICATIONS
- ROOF PIPE BOOT PENETRATION DETAIL



5 WATER HEATER PIPING DETAIL

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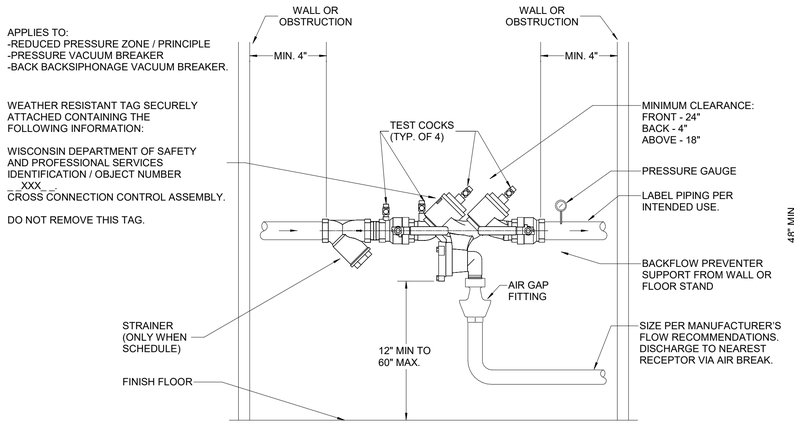
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REVISION SCHEDULE

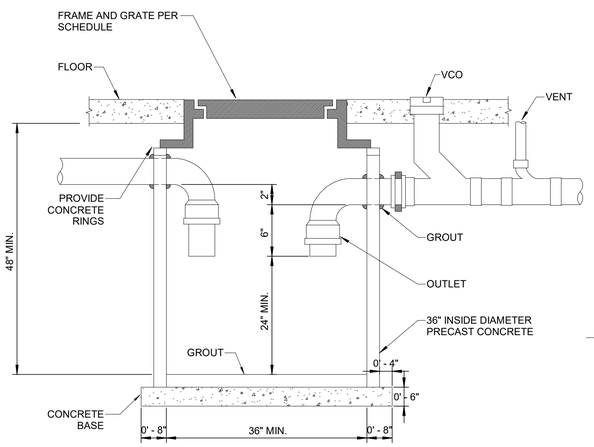
REV. #	DESCRIPTION	DATE

DETAILS

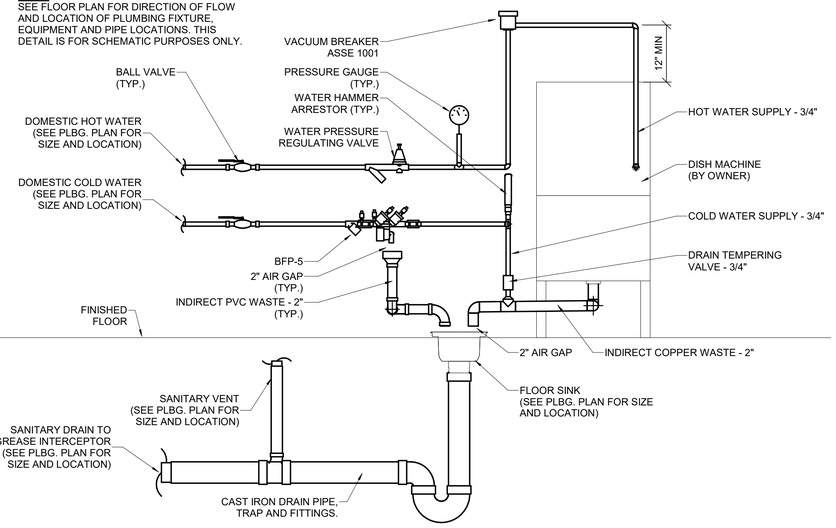
P600



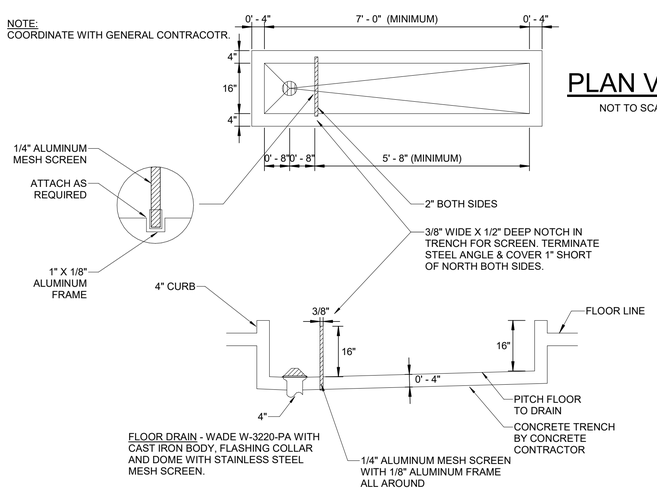
1 REDUCED PRESSURE ZONE BACKFLOW PREVENTER DETAIL



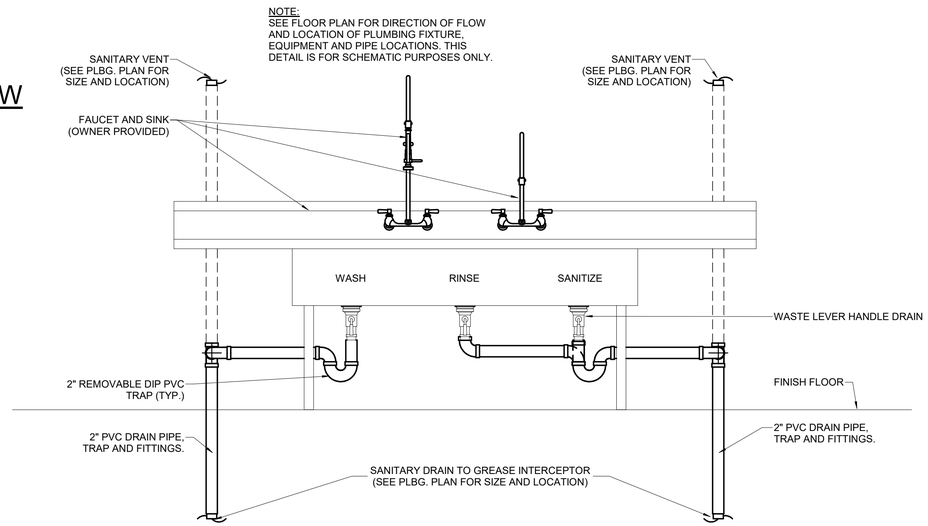
2 CATCH BASIN WITH TRENCH DRAIN



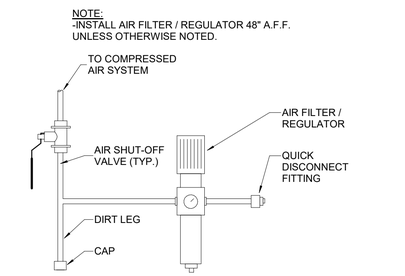
3 KITCHEN FOOD SERVICE EQUIPMENT DETAIL - DISH MACHINE



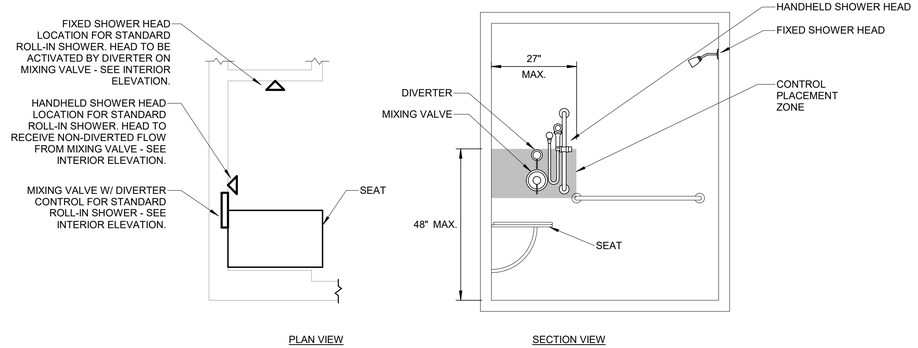
4 LAUNDRY ROOM FLOOR TRENCH



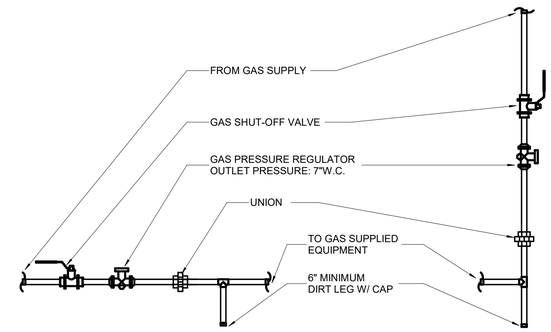
5 KITCHEN FOOD SERVICE EQUIPMENT DETAIL - 3 COMPARTMENT SINK



6 COMPRESSED AIR TERMINATION DETAIL



7 ADA ROLL-IN SHOWER DETAIL



8 GAS EQUIPMENT CONNECTION DETAIL

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REVISION SCHEDULE

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DETAILS

P601

AIR COMPRESSOR (AC)

TAG	MANUFACTURER	MODEL	TYPE	SIZE L x W xH	FLOW CFM	TANK GALLONS	PRESSURE PSIG	HP	VOLT / PHASE	NOTES
1	QUINCY	QT-15	RECIPROCATING PISTON	75" x 31" x 73"	51	120	125	15	230 / 3	(2)(4)(5)

- ACCEPTABLE MANUFACTURERS: QUINCY, INGERSOLL, EATON.
  - INCLUDE INLET AND OUTLET PARTICULATE FILTERS

(2) PROVIDE EXTERNAL REFRIGERATED AIR DRYER PER THE CFM FLOW RATE WITH 120 VOLT 1 PHASE ELECTRICAL CONNECTIONS. QUINCY – QRHT-50.
(4) PROVIDE EQUIPMENT SPRING VIBRATION ISOLATORS PER THE WEIGHT OF THE SUPPORTED EQUIPMENT.
(5) PROVIDE WITH AUTOMATIC DRAIN VALVE.

BACKFLOW PREVENTER SCHEDULE (BFP)

TAG	MANUFACTURER	MODEL	LOCATION	APPLICATION	MAX P.D. (PSI)	INDIRECT WASTE REQ'D	SIZE	VALVE TYPE	ASSE STD.	NOTES
1	ZURN	375XL-SAG	HOSE 136	TRUCK FILL STATIONS	15.0	YES	2"	REDUCED PRESSURE	1013	(1)(6)
2	ZURN	375XL-SAG	MEZZANINE 203	RO SYSTEM	15.0	YES	1"	REDUCED PRESSURE / PRINCIPLE ASSEMBLY	1013	(1)(6)
3	ZURN	375XL-SAG	LAUNDRY 135	WASHING MACHINE	15.0	YES	1"	REDUCED PRESSURE / PRINCIPLE ASSEMBLY	1013	(1)(6)
4	ZURN	375XL-SAG	LAUNDRY 135	WASHING MACHINE	15.0	YES	1"	REDUCED PRESSURE / PRINCIPLE ASSEMBLY	1013	(1)(6)
5	ZURN	375XL-SAG	KITCHEN 105	DISHWASHER	15.0	YES	3/4"	REDUCED PRESSURE / PRINCIPLE ASSEMBLY	1013	(1)(6)

- ACCEPTABLE MANUFACTURERS: AMES, APOLLO, WATTS, ZURN/WILKINS.

(1) LEAD FREE BODY.
(6) PROVIDE AIR GAP FITTING.

CIRCULATING PUMP SCHEDULE (CP)

TAG	MANUFACTURER	MODEL	GPM	HEAD (FT)	MAX WATTS	VOLTS / PHASE	NOTES
1	TACO	006E3LC	4.25	12	44	120 / 1	-

- ACCEPTABLE MANUFACTURERS: BELL & GOSSETT, GRUNDFOS, TACO.
  - PROVIDE INLINE AQUASTAT TO SHUT OFF PUMP AT A 10 DELTA T TEMPERATURE DROP OF SUPPLY OUTLET TEMPERATURE.

EXPANSION TANK SCHEDULE (ET)

TAG	MANUFACTURER	MODEL	MOUNTING	TYPE	CONN. SIZE	TANK CAPACITY GALLONS	ACCEPT. CAPACITY GALLONS	PRECHARGE PSIG	WORKING PSIG	NOTES
1	AMTROL	ST-25V	FLOOR	DIAPHRAGM	3/4"	10.3	1.0	(1)	150	(1)

- ACCEPTABLE MANUFACTURERS: FLEXCON, AMTROL, WESSELS.

(1) SEE WATER CALCULATION FOR MORE INFORMATION. SET TO STATIC PRESSURE.

GREASE INTERCEPTOR SCHEDULE (GI)

TAG	MANUFACTURER	MODEL	LOCATION	TYPE	SIZE L" x W" x H"	FLOW RATE (GPM)	GREASE CAPACITY (LBS.)	SOLIDS CAPACITY (GALLONS)	LIQUID CAPACITY (GALLONS)	INLET & OUTLET SIZE	NOTES
1	SCHIER	GB-75	KITCHEN / 105	INTERIOR	27" x 23" x 12"	75	861.0	31	125	4"	-

- ACCEPTABLE MANUFACTURERS: J.R. SMITH, SCHIER, WATTS, ZURN.
  - FULLY RECESSED INTERCEPTORS TOPS FLUSH WITH FLOOR, PROVIDE EXTENSIONS AS REQUIRED AND ANCHOR FLANGE.
  - INTERIOR GREASE INTERCEPTOR SHALL HAVE A HIGH DENSITY POLYETHYLENE BODY.

THERMOSTATIC MIXING VALVE SCHEDULE (TMV)

TAG	MANUFACTURER	MODEL	APPLICATION	INLETS	OUTLET	MAX. FLOW GPM	MAX LOSS PSIG	MIN. FLOW GPM	MIN. LOSS PSIG	TEMP. RANGE DEG. F	TEMP. SETTING DEG. F	POWER PHASE	POWER VOLTAGE	NOTE
1	LEONARD	TM-920B-LF-DT	MASTER	1-1/4"	1-1/4"	115	50	1	5	120-150	120	-	-	(1)

- ACCEPTABLE MANUFACTURERS: BRADLEY, LEONARD, SYMMONS.
  - LEAD FREE BODY, REMOVABLE CARTRIDGE WITH STRAINER, STAINLESS STEEL SPRING, EPDM O-RINGS AND SOLID WAX THERMOSTAT ASSEMBLY.
  - P.C. SHALL FIELD ADJUST TMV TO TEMPERATURE SETTING INDICATED IN SCHEDULE.

(1) HOT WATER DISTRIBUTION SYSTEM TMV SHALL COMPLY WITH ASSE 1017.

WATER HEATER SCHEDULE - GAS

TAG	MANUFACTURER	MODEL	APPLICATION	TYPE	QTY.	DIMENSIONS	GAS BTU/hr	THERMAL EFF.	REC. (1) GPH	TANK SIZE GAL.	MAX. PSIG	T&P PSIG	LINING TYPE	TANK... DEG. F	POWER PHASE	POWER VOLTAGE	NOTES
GWH-1	LOCHINVAR	SWR200N	DOMESTIC HOT WATER	TANK	2	28" DIA x 79-1/2" H	199,000	96	232	90	150	150	GLASS	140	SINGLE	120	(2)(3)

- ACCEPTABLE MANUFACTURERS: A.O. SMITH, LOCHINVAR, HTP.
- DIRECT VENT, SEALED COMBUSTION WATER HEATER.

(1) RECOVERY BASED ON 100 DEGREE F TEMPERATURE RISE.
(2) PROVIDE WITH CONCENTRIC VENT KIT. PROVIDE INTAKE / EXHAUST PIPING PER MANUFACTURER'S RECOMMENDATION.
(3) PROVIDE CONDENSATE DRAIN WITH NEUTRALIZER KIT PRIOR TO DISCHARGING TO SANITARY DRAINAGE SYSTEM.

WATER SOFTENER SCHEDULE

TAG	MANUFACTURER	MODEL	SYSTEM TYPE	TOTAL FLOW GPM	RESIN TANK						BRINE...	NOTES
					FLOW GPM	PSIG LOSS	DIA x HT SIZE	CAPACITY GRAINS	WATER SIZE	DRAIN SIZE	DIA x HT SIZE	
WS-1	WATER CONTROL CORPORATION	LF-120	DUPLEX	94	47	15	16" x 65"	108,000	2"	3/4"	24" x 50"	-

- ACCEPTABLE MANUFACTURERS: WATER CONTROL CORPORATION, HELLENBRAND, CULLIGAN, CAPITAL WATER.
  - PROVIDE COMPLETE FILL OF BRINE TANK AT PROJECT COMPLETION.

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REVISION SCHEDULE

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EQUIPMENT SCHEDULES

P700

CLEANOUT SCHEDULE

TAG	MANUFACTURER	MODEL	TYPE	APPLICATION	BODY MATERIAL	ACCESS COVER SIZE	ACCESS COVER MATERIAL	NOTES
CO	-	-	-	ABV. CLGS & EXPOSED PIPE	PVC	-	-	(1)
WCO	ZURN	Z1469	WALL	WALL	PVC	9" DIA	STAINLESS ST.	(3)
FCO-S	ZURN	Z1400-SZ1	FLOOR	PEDESTRIAN TRAFFIC AREAS	CAST IRON	6" x 6"	NICKEL BRONZE	(2)
FCO-C	ZURN	Z1400	FLOOR	MECHANICAL / STORAGE AREAS	CAST IRON	8" DIA	CAST IRON	-
FCO-VI	ZURN	Z1400-HD	INTERIOR	VEHICLE TRAFFIC AREAS	CAST IRON	-	CAST IRON	-

- ACCEPTABLE MANUFACTURERS: J.R. SMITH, WATTS, ZURN.
  - RECESSED TAPER THREAD PLUG WITH SLOTTED RECESS.

(1) PROVIDE THREADED FEMALE ADAPTER WITH INTERNAL PLUG. ADAPTER MATERIAL SHALL MATCH PIPE MATERIAL TO WHICH CO IS BEING CONNECTED.

(2) PROVIDE CARPET MARKERS AS REQUIRED PER FLOOR TYPE.

(3) PROVIDE TEST/CLEANOUT TEE. THREADED PLUG WITH BRASS INSERT. MATERIAL SHALL MATCH PIPE MATERIAL TO WHICH TEE IS BEING CONNECTED.

COMPRESSED AIR TERMINATION SCHEDULE (CAT)

TAG	MANUFACTURER	MODEL	TYPE	PIPE SIZE	MAX SCFM FLOW	MAX INLET PSIG	OUTLET PSIG	QUICK DISCONNECT	MOUNT HEIGHT A.F.F.	NOTES
1	CAMPBELL HAUSFELD	PA211300AV	FILTER / REGULATOR	1/2"	75	250	125	FEMALE 3/8"	(1)	(2)

- ACCEPTABLE MANUFACTURERS: CAMPBELL HAUSFELD, INGERSOLL RAND, MILTON.

(1) CONFIRM HEIGHT WITH OWNER PRIOR TO FINAL INSTALLATION.

(2) ADJUST FLOW PER EQUIPMENT

DRAIN SCHEDULE

TAG	MANUFACTURER	MODEL	TYPE	APPLICATION	BODY MATERIAL	STRAINER TOP SIZE	STRAINER TOP MATERIAL	NOTES
FD-S	ZURN	Z415-SZ	FLOOR	PEDESTRIAN TRAFFIC AREAS	CAST IRON	6" SQUARE	NICKEL BRONZE	(1)(8)
FD-C	ZURN	Z507	FLOOR	MECH. RM. JANITOR CLT.	CAST IRON	7" DIA	CAST IRON	(1)(8)
FD-CB	ZURN	Z507	FLOOR	MECH. RM. JANITOR CLT.	CAST IRON	7" DIA	CAST IRON	(1)(8)(9)
FD-P	WILLOUGHBY	LRFD	FLOOR	CELL	NIKALOY	6" DIA	STAINLESS ST.	(1)(8)(19)
FS-1	ZURN	Z-1901-2	FLOOR	FLOOR SINK	CAST IRON	12"x12"x8"	ALUM. DOME	(1)(5)
HD-1	ZURN	Z328	RECEPTOR	SANITARY INDIRECT WASTE	BRONZE	-	BRONZE	(2)
TD-1	ZURN	Z-886-HD-DGE	FLOOR	VEHICLE TRAFFIC AREAS	HDPE	(11)	DUCTILE IRON	(11)
CB-1	NEENAH	R-2300	INTERIOR	VEHICLE TRAFFIC AREAS	CAST IRON	26" DIA	CAST IRON	(12)(18)
RD-1	ZURN	Z100-DP-EA	ROOF	INSULATED ROOF	CAST IRON	12"	CAST IRON	(3)
OD-1	ZURN	Z100-DP-EA-W2	ROOF	INSULATED ROOF	CAST IRON	12"	CAST IRON	(3)
DSN-1	ZURN	ZANB-199-SS	WALL	DOWNSPOUT NOZZLE	NI. BRONZE	-	-	-

- ACCEPTABLE MANUFACTURERS: J.R. SMITH, WATTS, ZURN.

(1) PROVIDE FLASHING CLAMP FOR FLOORS WITH BUILDING STRUCTURE BELOW. SEE ARCHITECTURAL PLANS FOR LOCATIONS.

(2) RECEPTOR END SHALL BE ONE PIPE SIZE LARGER THAN TRAP SIZE.

(3) FOR NEW ROOFS PROVIDE ROOF DRAIN SUMP RECEIVER, UNDERDECK CLAMP, STATIC EXTENSION UP TO 4" AND ADJUSTABLE EXTENSION. FOR EXISTING ROOFS PROVIDE TOP-SET ROOF DECK PLATE, STATIC EXTENSION UP TO 4" AND ADJUSTABLE EXTENSION. THE ROOF DRAIN SHALL BE SET 1/2" LESS THAN INSULATION THICKNESS AT ROOF DRAIN. SEE ARCHITECTURAL ROOF PLANS FOR MORE INFORMATION.

(5) PROVIDE 1/2 GRATE.

(8) PROVIDE TRAPSEAL - RECTORSEAL SURE SEAL. SHALL COMPLY WITH ASSE 1072.

(9) PROVIDE SEDIMENT BUCKET.

(11) SEE PLAN FOR MORE INFORMATION TO DETERMINE LENGTH REQUIREMENTS.

(12) SEE DETAIL FOR MORE INFORMATION TO DETERMINE SIZE, MATERIAL AND OTHER BASIN REQUIREMENTS.

(18) INSIDE ACCESS SHALL BE GREATER THAN OR EQUAL TO 23".

(19) LIGATURE-RESISTANT COVER.

ELECTRIC WATER COOLER SCHEDULE (EWC)

TAG	ADA (1)	MANUFACTURER	MODEL	BASINS	TYPE	FILTER	CONTROL	NOTES
1	YES	ELKAY	LZSTL8WSLK	2	WALL MOUNTED	YES	FRONT PUSHBAR	(1)(2)(3)

- ACCEPTABLE MANUFACTURERS: ELKAY, HALSEY TAYLOR.
  - -STOPS AND SUPPLIES: BRASSCRAFT, DEARBORN, KEENEY, MCGUIRE.
  - -DRAINS AND TRAPS: BRASSCRAFT, DEARBORN, KEENEY, MCGUIRE.
  - -CARRIER AND SUPPORT: J.R. SMITH, WADE, ZURN.
  - - PROVIDE WITH 1-1/4" P-TRAP WITH C.O. PLUG, AND ANGLE WATER STOP WITH HANDLE AND BRASS STEM.
  - - CAPACITY BASED ON 50 DEGREE F WATER IN AMBIENT TEMPERATURE OF 90 DEGREES F.
  - - LEAD FREE CONSTRUCTION.

(1) PROVIDE ELKAY - LKAPREZL ACCESSORY APRON FOR BASINS LOCATED ON AN EXPOSED WALL. SEE ARCHITECTURAL PLANS FOR LOCATIONS AND MOUNTING HEIGHTS.

(2) 15 AMP OUTLET PROVIDED BY E.C.

(3) WALL MOUNTED, STAINLESS STEEL BASIN, CABINET WITH BOTTLE FILLING STATION.

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FIXTURE SCHEDULES

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HOSE BIBB SCHEDULE (HB)

TAG	MANUFACTURER	MODEL	LOCATION	FREEZE PROOF	VACUUM BREAKER BACKFLOW PREVENTER	WALL FLANGE	CONTROL	WATER SUPPLY	NOTES
1	WOODFORD	B67	EXTERIOR WALL	YES	INTEGRAL ASSE 1052	-	BOX w/ LOOSE KEY	CW	-
2	WOODFORD	26	INTERIOR WALL	NO	EXPOSED ASSE 1052	YES	LOOSE KEY	CW	-
3	WOODFORD	B24	INTERIOR	NO	EXPOSED ASSE 1052	-	BOX w/ LOOSE KEY	CW	-
4	WOODFORD	V26-MH	INTERIOR	NO	EXPOSED ASSE 1052	YES	LOOSE KEY	CW	-
5	CHICAGO	835-369CP	INTERIOR	NO	EXPOSED ASSE 1052	YES	2-3/8" HANDLES	CW / HW	-
6	POTTER ROEMER	4115	APPARATUS BAY	NO	-	YES	METAL WHEEL HANDLE	CW-NP	(4)

- ACCEPTABLE MANUFACTURERS: CHICAGO, WATTS, WOODFORD, ZURN, POTTER ROEMER.

(4) TRUCK FILL - 2-1/2" FEMALE INLET, 2-1/2" MALE OUTLET. CONFIRM OUTLET THREAD PATTERN WITH OWNER.

HOSE REEL SCHEDULE

TAG	MANUFACTURER	MODEL	TYPE	APPLICATION	MATERIAL	RETRACTABLE	SIZE	HOSE LENGTH	QUICK DISCONNECT	MOUNT HEIGHT A.F.F.	NOTES
HR-A	REELCRAFT	7850 OLP	EXPOSED - CEILING MOUNTED	COMPRESSED AIR	STEEL	YES	1/2"	50'	FEMALE 3/8"	(2)	(1)
HR-W	REELCRAFT	8200-OLS-S	EXPOSED - CEILING MOUNTED	WATER	STEEL	YES	1/2"	100'	-	(2)	(3)

- ACCEPTABLE MANUFACTURERS: COXREELS, REELCRAFT

(1) PROVIDE COMPRESSED AIR TERMINATION CAT-1 UPSTREAM OF COMPRESSED AIR HOSE REEL.

(2) EXTEND AND LOCK HOSE END SIX FEET ABOVE FINISH FLOOR.

(3) PROVIDE LEVER OPERATED SPRAY VALVE.

LAVATORY SCHEDULE (L)

TAG	ADA (1)	BASIN										FAUCET									NOTES
		MANUFACTURER	MODEL	MOUNTING	RIM HT. A.F.F.	LENGTH	WIDTH	DEPTH	DRAIN TYPE	NO. OF HOLES	CENTER OF HOLES	CARRIER	MANUFACTURER	MODEL	QTY.	SPOUT REACH	SPOUT HEIGHT	GPM	OPERATION TYPE	FINISH	TEMP. DEG. F	SUPPLY STOP TYPE	
1	YES	KOHLER	K-2005	WALL	34"	21-1/4"	18-1/8"	7-1/4"	GRID	3	4"	YES	SLOAN	EAF-150-BAT-CP-0.5GPM-AER-IR-IQ-FCT	1	5-9/16"	6-7/8"	0.5	SENSOR	CHROME	105	KEY	(2)(6)
2	-	KOHLER	K-2210	UNDER-MOUNT	-	16-1/4"	19-1/4"	7-1/4"	GRID	3	4"	YES	SLOAN	EAF-150-BAT-CP-0.5GPM-AER-IR-IQ-FCT	1	5-9/16"	6-7/8"	0.5	SENSOR	CHROME	105	KEY	(2)(6)

- ACCEPTABLE MANUFACTURERS:
  - -BASIN: AMERICAN STANDARD, BRADLEY, KOHLER SLOAN, ZURN.
  - -FAUCETS: CHICAGO, SLOAN, T&S BRASS.
  - -STOPS AND SUPPLIES: BRASSCRAFT, DEARBORN, KEENEY, MCGUIRE.
  - -DRAINS AND TRAPS: BRASSCRAFT, DEARBORN, KEENEY, MCGUIRE.
  - -CARRIERS AND SUPPORTS: ANCON, JOSAM, SMITH, WADE, ZURN.
  - - VITREOUS CHINA LAVS, 1-1/4" 17 GAUGE "P" TRAP WITH CLEANOUT PLUG, BUSHING ON END OF OUTLET TUBE, WALL FLANGE.
  - - ALL WETTED PARTS SHALL BE LEAD FREE COMPLIANT.
  - - PROVIDE OFFSET GRID DRAIN WITH TRUEBRO TRAP & SUPPLY GUARD FOR EXPOSED PIPING UNDER ADA ACCESSIBLE FIXTURES.
  - - PROVIDE BASINS WITH CENTER REAR DRAIN OUT-LET LOCATION FOR ADA ACCESSIBLE FIXTURES WITH CASE-WORK SHROUDS.

(1) SEE ARCHITECTURAL PLANS FOR LOCATIONS AND FINAL RIM HEIGHT ELEVATIONS.

(2) SENSOR BATTERY POWERED.

(6) PROVIDE BELOW DECK POINT OF USE ASSE 1070 THERMOSTATIC MIXING VALVE.

SERVICE SINK SCHEDULE (SS)

TAG	BASIN								FAUCET			NOTES
	MANUFACTURER	MODEL	MOUNTING	MATERIAL TYPE	SIZE L/H x W x D	SHAPE	DRAIN TYPE	RIM GUARD	MANUFACTURER	MODEL	BACKFLOW PREVENTER	
1	MUSTEE	63M	FLOOR	DURASTONE	24" x 24" x 10"	SQUARE	GRID	(1)	CHICAGO	911-CP	(2)	(3)
2	MUSTEE	63M	FLOOR	DURASTONE	24" x 24" x 10"	SQUARE	GRID	(1)	CHICAGO	835-369CP	(2)	(3)

- ACCEPTABLE MANUFACTURERS:
  - -BASIN: FIAT, MUSTEE, STERN WILLIAMS, JUST.
  - -FAUCET: CHICAGO, T&S BRASS, ZURN.

(1) BUMPER GUARDS ON EXPOSED RIMS.

(2) VACUUM BREAKERS SHALL COMPLY WITH ASSE 1011.

(3) PROVIDE STAINLESS STEEL 3 MOP HOLDER HANGER, HEAVY DUTY 5/8" DIAMETER REINFORCED RUBBER HOSE, AND STAINLESS STEEL HOSE BRACKET.

SHOWER SCHEDULE (SH)

TAG	ADA (1)	BASIN				FAUCET									NOTES
		MANUFACTURER	MODEL	SIZE L x W x D	DRAIN TYPE	MANUFACTURER	MODEL	VALVE (7)	TRIM	HEAD	GPM	HANDLE	FINISH	TEMP.	
1	YES	(2)	(2)	(2)	FD-S	CHICAGO	SH-PB1-11-013	(8)	(8)	(8)	2.5	LEVER	CHROME	110	(3)(4)(6)
2	NO	(2)	(2)	(2)	FD-S	CHICAGO	SH-PB1-01-000	(8)	(8)	(8)	2.5	LEVER	CHROME	110	'(6)

- ACCEPTABLE MANUFACTURERS:
  - -FAUCETS: BRADLEY, CHICAGO, LEONARD.
  - -DRAINS AND TRAPS: BRASSCRAFT, DEARBORN, KEENEY, MCGUIRE.
  - - VERIFY ROUGH-IN OPENING WITH G.C. VERIFY LEFT OR RIGHT POSITION PRIOR TO ORDERING.

(1) SEE ARCHITECTURAL PLANS FOR LOCATIONS AND VALVE HANDLE, HEAD AND SEAT LOCATION.

(2) BY OTHERS. BUILT ON SITE WITH CONCRETE POURED FLOOR WITH CMU BLOCK WALLS.

(3) PROVIDE INLINE DIVERTER VALVE WITH HANDLE.

(4) PROVIDE HAND HELD SHOWER HEAD, MATCHING GPM OF FIXED HEAD WITH LEONARD 62001 24" GRAB BAR GLIDE RAIL.

(6) VALVE SHALL COMPLY WITH ASSE 1016 AND HAVE INTERGAL STOPS FOR THE HOT AND COLD WATER SUPPLY.

(7) VALVE SHALL HAVE INTEGRAL STOPS FOR THE HOT AND COLD WATER SUPPLY.

(8) SEE MODEL NUMBER.

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SINK SCHEDULE (S)

TAG	ADA (1)	BASIN									FAUCET										NOTES
		MANUFACTURER	MODEL	MOUNTING	NO. OF COMPARTMENTS	LENGTH	WIDTH	DEPTH	DRAIN TYPE	NO. OF HOLES	CENTER OF HOLES	MANUFACTURER	MODEL	QTY.	SPOUT REACH	SPOUT HEIGHT	GPM	OPERATION TYPE	FINISH	SPRAY	TEMP. DEG. F	SUPPLY STOP TYPE	
1	YES	JUST	US-1830-A	UNDER MOUNT	1	18"	30"	5-1/2"	BASKET	4	4"	CHICAGO	1102-GN8AE35-317AB	1	8"	13-1/2"	1.5	4" WRIST BLADES	CHROME	YES	105	KEY	(3)
2	YES	(10)	(10)	(10)	1	(10)	(10)	(10)	BASKET	4	4"	CHICAGO	1102-GN8AE35-317AB	1	8"	13-1/2"	1.5	4" WRIST BLADES	CHROME	YES	105	KEY	(2)(3)
3	YES	JUST	SB236-2-J	FLOOR MOUNT W/LEGS	2	18"	24"	14"	BASKET	2	8"	CHICAGO	631-GN8AE3ABCP	1	8"	11-5/8"	2.2	4" WRIST BLADES	CHROME	NO	105	KEY	-
4	YES	(10)	(10)	(10)	1	(10)	(10)	(10)	BASKET	4	4"	CHICAGO	1102-GN8AE35-317AB	1	8"	13-1/2"	1.5	4" WRIST BLADES	CHROME	YES	105	KEY	(3)

- ACCEPTABLE MANUFACTURERS:
  - -BASIN: ADVANCE TABCO, JUST, ELKAY.
  - -FAUCETS: CHICAGO, T&S BRASS, ZURN.
  - -STOPS AND SUPPLIES: BRASSCRAFT, DEARBORN, KEENEY, MCGUIRE.
  - -DRAINS AND TRAPS: BRASSCRAFT, DEARBORN, KEENEY, MCGUIRE.
  - - MATERIAL: 18 GAUGE 304 STAINLESS STEEL SINK, ANGLE SUPPLIES WITH STOPS WITH BRASS STEMS.
  - - PROVIDE EACH COMPARTMENT WITH STAINLESS STEEL BASKET TYPE STRAINER, STAINLESS STEEL TAILPIECE , AND 1-1/2" 17 GAUGE "P" TRAP W/ CLEANOUT.
  - - VERIFY BASIN CUTOUT SIZE WILL FIT IN COUNTERTOP WITH CABINET SHOP DRAWINGS PRIOR TO ORDERING.
  - - PROVIDE OFFSET GRID DRAIN WITH TRUEBRO TRAP & SUPPLY GUARD FOR EXPOSED PIPING UNDER ADA ACCESSIBLE FIXTURES.
  - - PROVIDE SINK BASINS WITH CENTER REAR DRAIN OUT-LET LOCATION FOR ADA ACCESSIBLE FIXTURES WITH CASE-WORK SHROUDS.
- (1) SEE ARCHITECTURAL PLANS FOR LOCATIONS AND FINAL RIM HEIGHT ELEVATIONS.
- (2) PROVIDE SOLIDS INTERCEPTOR, STRIEM SIDEKICK OR EQUAL.
- (3) PROVIDE HAND HELD SPRAYER WITH HOSE.
- (10) INTEGRAL SINK PROVIDED BY OTHERS.

URINAL SCHEDULE

TAG	ADA (1)	URINAL					FLUSH VALVE				NOTES
		MANUFACTURER	MODEL	MOUNTING	RIM HT. A.F.F.	CARRIER	MANUFACTURER	MODEL	GAL. PER FLUSH	OPERATION TYPE	
U-1	YES	KOHLER	K-4991-ET-0	WALL	17"	YES	SLOAN	SLOAN 8186-0.5	0.5	SENSOR-BATTERY	-

- ACCEPTABLE MANUFACTURERS:
- URINAL: AMERICAN STANDARD, KOHLER, SLOAN, ZURN.
- FLUSH VALVE: KOHLER, SLOAN, ZURN.
- CARRIER AND SUPPORT: J.R. SMITH, WADE, ZURN.
- VITREOUS CHINA.
- WASHOUT URINALS WITH REMOVABLE STAINLESS STEEL STRAINER.
- (1) SEE ARCHITECTURAL PLANS FOR LOCATIONS.

VALVE BOX SCHEDULE (VB)

TAG	MANUFACTURER	MODEL	APPLICATION	MOUNTING	VALVE	BOX MATERIAL	INLET SIZE	OUTLET SIZE	DRAIN SOCKET SIZE	NOTES
1	SIOUX CHIEF	696-G1010	COFFEE / ICE MAKER	RECESSED	1/4 TURN	PLASTIC	1/2" COLD	3/8" COMP.	-	(1)(2)
2	SIOUX CHIEF	696-2313MF	WASHING MACHINE	RECESSED	1/4 TURN	PLASTIC	1/2" HOT & COLD	3/4" HOSE	2"	(2)

- ACCEPTABLE MANUFACTURERS: SIOUX CHIEF, SYMMONS, GUY GRAY.
  - - ABS PLASTIC BOX AND FRAME, GALVANIZED STEEL MOUNTING BRACKET, BRASS VALVE BODY, INTEGRAL WATER HAMMER ARRESTOR AND TRIM.
- (1) BACKFLOW PREVENTER SHALL COMPLY WITH ASSE 1024.
- (2) WATER HAMMER ARRESTORS SHALL COMPLY WITH ASSE 1010.

WATER CLOSET SCHEDULE (WC)

TAG	ADA (1)	BOWL					FLUSH VALVE				MIN. PRESS. PSIG	SEAT		NOTES
		MANUFACTURER	MODEL	MOUNTING	RIM HT. A.F.F.	CARRIER	MANUFACTURER	MODEL	GAL. PER FLUSH	OPERATION TYPE		MANUFACTURER	MODEL	
1	YES	KOHLER	K-84325	WALL	17"	YES	SLOAN	G2 8111-1.28	1.28	SENSOR	25	BEMIS	1655SSCT	(2)
2	YES	ACORN	LR1418FA-CT-3-04-M-PHL	WALL	17"	-	SLOAN	1.28 GPF - FVH	1.28	PUSH BUTTON	25	-	-	(12)(13)(14)

- ACCEPTABLE MANUFACTURERS:
  - -BOWL: AMERICAN STANDARD, KOHLER, SLOAN, ZURN.
  - -FLUSH VALVE: DELANY, SLOAN, ZURN.
  - -SEAT: BEMIS, CHURCH.
  - -CARRIER AND SUPPORT: J.R. SMITH, WADE, ZURN.
  - - VITREOUS CHINA, WATER SAVING, MINIMUM 2 - 1/8" GLAZED TRAPWAY, SIPHON JET.
  - -COMBINED TOILET / LAV: ACORN OR APPROVED BY DESIGNER / ENGINEER.
  - - ELONGATED BOWL WITH WHITE SOLID PLASTIC OPEN FRONT SEAT WITH SELF-SUSTAINING CHECK HINGE.
  - - CONTROLS FOR ADA ACCESSIBLE FIXTURES SHALL BE ON THE OPEN SIDE.
- (1) SEE ARCHITECTURAL PLANS FOR LOCATIONS AND FINAL RIM HEIGHT ELEVATIONS.
- (2) SENSOR BATTERY POWERED.
- (12) LAV-TOILET COMBO - 14 GAGE 304 STAINLESS STEEL - SEE MODEL NUMBER FOR FIXTURE OPTIONS AND INSTALL PER MANUFACTERERS RECOMMENDATIONS.
- (13) PROVIDE PAPER HOLDER OPTION ON THE LEFT SIDE.
- (14) PROVIDE BELOW DECK POINT OF USE THERMOSTATIC MIXING VALVE THAT COMPLIES WITH ASSE 1070 FOR LAVATORY.

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ELECTRICAL SYMBOLS AND ABBREVIATIONS

THIS IS A COMPREHENSIVE SYMBOL AND ABBREVIATION LIST - NOT ALL SYMBOLS ARE APPLICABLE TO THESE DRAWINGS.

ELECTRICAL DISTRIBUTION EQUIPMENT

- UTILITY TRANSFORMER
- UTILITY TRANSFORMER
- CT CABINET AND METER SOCKET
- GSAP — GENERATOR ANNUNCIATOR PANEL FLUSH OR SURFACE
- PANEL - NEW SURFACE MOUNTED; TAG = "XX"
- PANEL - NEW FLUSH MOUNTED; TAG = "XX"
- PANEL - EXISTING SURFACE MOUNTED; TAG = "XX"
- PANEL - EXISTING FLUSH MOUNTED; TAG = "XX"
- TRANSFORMER - FLOOR MOUNT; TAG = "T-XX"
- TRANSFORMER - WALL MOUNT; TAG = "T-XX"
- TRANSFER SWITCH; TAGS = "ATS-XXX-Y", "MTS-XXX-Y"
  TAGS XXX, 700=EMERGENCY SYSTEM
  701=LEGALLY REQUIRED STANDBY SYSTEM
  702=OPTIONAL STANDBY SYSTEM
  TAG Y=SYSTEM NUMBER
- SURGE PROTECTION DEVICE; TAG = SPD
  CONTACTOR ENCLOSURE PANEL; TAG = CX
  X = CONTACTOR NUMBER

MOTOR CONTROL

- X — HEAVY DUTY DISCONNECT; TAG XX, WP=WEATHERPROOF, F=FUSIBLE
- NON-COMBINATION STARTER
- COMBINATION STARTER
- MS — MANUAL STARTER
- (X) — MOTOR OUTLET TERMINAL, ON ROOF MOUNTED UNITS PROVIDE WEATHER PROOF DISCONNECTS. X = HORSE POWER OR MOTOR NUMBER IF SCHEDULE IS PROVIDED

WIRING DEVICES

SWITCHES

- SX — SINGLE POLE SWITCH; TAG X, 3=3 WAY, 4=4 WAY, D=DIMMER, I=ILLUMINATED, K=KEYED, M=MOTION SENSOR SWITCH, P=PILOT, R=RELAY, WP=WEATHERPROOF, LVX=LOW VOLTAGE, TAG X = INDICATES NUMBER OF BUTTONS AT EACH SWITCH LOCATION
- $X — SWITCH TO BE DEMOLISHED, X = ABBREVIATIONS ABOVE
- SINGLE PUSH BUTTON - HANDICAP DOOR BUTTON
  ADDITIONAL FUNCTIONALITY DEFINED ON PLANS
- UP/DN PUSH BUTTON
- MULTI PUSH BUTTON

RECEPTACLES

NO TAG=STANDARD RECEPTACLE, TAGS X, ARC=ARC FAULT RATED, CM=CEILING MOUNTED, CW=CLOTHES WASHER, D=EXTRA DEEP, DW=DISH WASHER, EWC=ELECTRIC WATER COOLER, FM=FLOOR MOUNTED, FR=FREEZER, GD=GARBAGE DISPOSER, GFI=GROUND FAULT INTERRUPTER, GR=GAS RANGE, ICE=ICE MACHINE, IG=ISOLATED GROUND, MIC=MICROWAVE, REF=REFRIGERATOR, SP=SURGE PROTECTED, UCREF=UNDER COUNTER REFRIGERATOR, DEVICE, UPS=UNINTERRUPTED POWER SUPPLY, USB=UNIVERSAL SERIAL BUS, VM=VENDING MACHINE, WP/GFI=WEATHER PROOF/GROUND FAULT INTERRUPTER

- X — RECEPTACLE - SINGLE OR SIMPLEX
- X — RECEPTACLE - DUPLEX
  LINE INDICATES DEVICE MOUNTED AT 42" TO CENTER, NO LINE INDICATES DEVICE MOUNTED AT STANDARD HEIGHT UNLESS TAGGED OTHERWISE, TYPICAL ALL RECEPTACLE TYPES AND BLANK BOXES
- XX — RECEPTACLE - TAG XX, CD=CLOTHES DRYER (NEMA14-30R) ER=ELECTRIC RANGE (NEMA14-50R), K=KILN W=WELDER (NEMA 6-50R)
- X — RECEPTACLE - DUPLEX MOUNTED ABOVE COUNTER
- X — RECEPTACLE - DUPLEX WITH TOP HALF SWITCHED
- X — RECEPTACLE - DOUBLE DUPLEX
- X — RECEPTACLE - DUPLEX TRIPLE
- X — RECEPTACLE - DUPLEX QUAD
- X — BLANK OUTLET FOR FUTURE DEVICES 4" BOX, SINGLE GANG RING, BLANKPLATE, 1"C. STUBBED INTO ACCESSIBLE CEILING

WIRING DEVICES

MISCELLANEOUS

- SURFACE RACEWAY
- EQUIPMENT CONNECTION
- X — SPECIAL OUTLET, TAG = NUMBER ON SCHEDULE
- H — ELECTRIC HAND/HAIR DRYER
- X — DUAL SERVICE FLOOR BOX, TAG = TYPE IN SPECS
- X — SINGLE SERVICE FLOOR BOX, TAG = TYPE IN SPECS
- X — POKE THROUGH FLOOR BOX, TAG = TYPE IN SPECS
- CD — CORD DROP PER DETAIL 2/E501
- CR — CORD REEL
- LB — 90° CONDUIT BODY - THROUGH WALL
- LR — 90° CONDUIT BODY - TURN RIGHT
- LL — 90° CONDUIT BODY - TURN LEFT
- X EV — ELECTRIC VEHICLE CHARGING STATION, SEE PLANS FOR TYPES
- X RV — RECREATIONAL VEHICLE CHARGING STATION, SEE PLANS FOR TYPES
- X SP — MARINA SHORE POWER STATION, SEE PLANS FOR TYPES
- PP — POWER POLE - CEILING DOWN TO FLOOR
- J (J) — J-BOX
- CONDUIT STUB THROUGH WALL BUSHED EACH END
- CABLE TRAY

LIGHTING

FIXTURES

- X — LIGHT FIXTURE - POLE MOUNTED; TAG = TYPE IN FIXTURE SCHEDULE
- (X) — LIGHT FIXTURE - CEILING MOUNTED FLUSH OR SURFACE; TAG = TYPE IN FIXTURE SCHEDULE
- (X) — WALL MOUNTED - FLUSH OR SURFACE; TAG = TYPE IN FIXTURE SCHEDULE
- X — LIGHT FIXTURE - FLUSH OR SURFACE; TAG = TYPE IN FIXTURE SCHEDULE
- EMERGENCY BATTERY UNIT LIGHT - WALL MOUNTED
- EMERGENCY BATTERY UNIT LIGHT - CEILING MOUNTED
- REMOTE EMERGENCY LIGHT

EXITS

- EXIT LIGHT - ONE FACE
  LINES REPRESENT WALL MOUNTED, NO LINES REPRESENT CEILING MOUNTED, TYPICAL ALL EXITS
- EXIT LIGHT - ONE FACE WITH EMERGENCY HEADS
  ARROWS INDICATE DIRECTION TO EXIT
- EXIT LIGHT - TWO FACE

SENSORS

- DUAL TECHNOLOGY OCCUPANCY SENSOR WALL MOUNTED
  LINES REPRESENT WALL MOUNTED, NO LINES REPRESENT CEILING MOUNTED
- MULTI DIRECTION DUAL TECHNOLOGY OCCUPANCY SENSOR
- U — ULTRASONIC OCCUPANCY SENSOR
- L — LONG THROW OCCUPANCY SENSOR
- HB — HIGH BAY OCCUPANCY SENSOR
- PC — PHOTOCELL
- DA — DAYLIGHT SENSOR

FIRE ALARM PANELS & FIRE ALARM SUPPORT ITEMS

- FACP — FIRE ALARM CONTROL PANEL
- FAAP — FIRE ALARM ANNUNCIATOR PANEL, FLUSH OR SURFACE
- FAPS — FIRE ALARM POWER SUPPLY
- FACC — FIRE ALARM COMMAND CENTER WITH MICROPHONE
- FM — FIRE ALARM MICROPHONE ENCLOSURE, FLUSH OR SURFACE
- RTS — REMOTE TEST SWITCH

NOTIFICATION APPLIANCE

TAGS X=CANDELA LEVEL, EX=EXPLOSION PROOF, WP=WATERPROOF

- X — WALL MOUNTED AUDIO (HORN) / VISUAL NOTIFICATION APPLIANCE
- X — WALL MOUNTED AUDIO (VOICE) / VISUAL NOTIFICATION APPLIANCE
- WALL MOUNTED FIRE ALARM SPEAKER
- S X — WALL MOUNTED VISUAL NOTIFICATION APPLIANCE
- X — CEILING MOUNTED AUDIO (HORN) / VISUAL NOTIFICATION APPLIANCE
- X — CEILING MOUNTED AUDIO (VOICE) /VISUAL NOTIFICATION APPLIANCE
- CEILING MOUNTED FIRE ALARM SPEAKER
- S X — CEILING MOUNTED VISUAL NOTIFICATION APPLIANCE
- F — WALL MOUNTED AUDIO (HORN) NOTIFICATION APPLIANCE
- B — WALL MOUNTED BELL
- MH — MAGNETIC DOOR HOLDER
- EH — ELECTRIC DOOR HOLDER
- CM — ADDRESSABLE CONTROL MODULE

FIRE ALARM

INITIATION DEVICE

- XX F — MANUAL PULL STATION; TAG XX, LC=LEXAN COVER, EX=EXPLOSION PROOF, WP=WEATHERPROOF
- G — GAS DETECTOR
- H — HEAT DETECTOR
- S — SMOKE DETECTOR
- S — SMOKE DETECTOR WITH SOUNDER BASE
- DS — DUCT SMOKE DETECTOR PER DETAIL 3/E301
- ES — ELEVATOR SMOKE DETECTOR
- CM — CARBON MONOXIDE DETECTOR
- FS — SPRINKLER FLOW SWITCH PER DETAIL 2/E301
- PS — SPRINKLER PRESSURE SWITCH
- TS — SPRINKLER TAMPER SWITCH PER DETAIL 2/E301
- ADDRESSABLE MONITOR MODULE

COMMUNICATION

DATA RACKS

TAGS, TC#X = TELECOMMUNICATION CLOSET NUMBER

- DATA RACK - OPEN FRAME 2 POST FLOOR MOUNTED
- DATA RACK - OPEN FRAME 4 POST FLOOR MOUNTED
- DATA RACK - OPEN FRAME WALL MOUNTED
- DATA RACK - ENCLOSED WALL MOUNTED
- GROUND BAR

DATA / IP PHONE, WAP & TELEPHONE DEVICES

TAGS X, NO TAG=SINGLE DROP, NUMBER INDICATES NUMBER OF DROPS IN EACH LOCATION, A=ATTENDANCE SCANNER, C=IP SECURITY CAMERA, K=KEYLESS ENTRY, USB=UNIVERSAL SERIAL BUS, V=VAPE SENSOR, W=WALL PHONE, PROVIDE 4" SQUARE DEEP BOX, 1-GANG RING, 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING.

- X — DATA / IP PHONE OUTLET (STANDARD HEIGHT)
- X — DATA / IP PHONE OUTLET (MOUNTED AT 42" TO CENTER)
- WAP X — WIRELESS ACCESS POINT DATA OUTLET
- CDF X — COILED DATA FOR FUTURE USE
- X X — DATA / TELEPHONE OUTLET (STANDARD HEIGHT)
- X X — DATA / TELEPHONE OUTLET (MOUNTED AT 42" TO CENTER)
- X — TELEPHONE OUTLET (STANDARD HEIGHT)
- X — TELEPHONE OUTLET (MOUNTED AT 42" TO CENTER)

SOUND SYSTEM INPUTS PAGING/INTERCOM SYSTEM

TAGS XX, NO TAG=GENERAL PUBLIC ANNOUNCEMENTS, AS=AUDITORIUM SOUND, CL=CLASSROOM SOUND, CS=CAFETERIA SOUND, FH=FIELD HOUSE SOUND, FS=FITNESS SOUND, GS=GYM SOUND, PS=POOL SOUND, WS=WEIGHT ROOM SOUND

- XX A — AUXILIARY/INPUT SOUND JACK
- XX M — MICROPHONE OUTLET
- XX MC — ADMINISTRATION STATION SEE SOUND SYSTEM RISER
- XX V — VOLUME CONTROL
- C — WALL MOUNTED CALL-IN SWITCH BOX OR HANDSET

SPEAKERS

TAGS XX, NO TAG=GENERAL PUBLIC ANNOUNCEMENTS, AS=AUDITORIUM SOUND, CL=CLASSROOM SOUND, CS=CAFETERIA SOUND, FH=FIELD HOUSE SOUND, FS=FITNESS SOUND, GS=GYM SOUND, PS=POOL SOUND, WS=WEIGHT ROOM SOUND, WP=WEATHER PROOF

- XX W — SPEAKER - WALL RECESSED MOUNTED
- XX W — SPEAKER - WALL SURFACE MOUNTED WITH METAL ENCLOSURE
- XX W — SPEAKER - WALL SURFACE MOUNTED - TWO SIDED
- XX W — SPEAKER - WALL BRACKET MOUNTED
- XX H W — SPEAKER HORN - WALL SURFACE MOUNTED
- XX C — SPEAKER - CEILING RECESSED MOUNTED
- XX C — SPEAKER - CEILING SURFACE MOUNTED WITH METAL ENCLOSURE
- XX C — SPEAKER - CEILING SURFACE MOUNTED WITH METAL ENCLOSURE - TWO SIDED
- XX P — SPEAKER - PENDANT MOUNTED
- XX P — SPEAKER - PENDANT MOUNTED - TWO SIDED
- XX — SPEAKER LOUD - SUSPENDED

PUBLIC ANNOUNCEMENT INDICATION DEVICE

- S — PUBLIC ANNOUNCEMENT INDICATION STROBE LIGHT - WALL MOUNTED
- S — PUBLIC ANNOUNCEMENT INDICATION STROBE LIGHT - CEILING MOUNTED

COMMUNICATION

CLOCKS

TAGS XX, NO TAG=ANALOG, DI=DIGITAL, DS=DIGITAL W/ DATA & W/SPEAKER, DSF=DIGITAL W/SPEAKER & FLASHER, DV=DIGITAL VIDEO DISPLAY WITH DATA, IP=INFRASTRUCTURE SYNCHRONIZED TIMEKEEPING SYSTEM VIA NETWORK TIME PROTOCOL WG=WIRE GUARD

- XX — CLOCK - WALL MOUNTED - SINGLE FACE
- XX — CLOCK - WALL MOUNTED - TWO FACE
- XX — CLOCK - CEILING SURFACE MOUNTED - TWO FACE
- W — CLOCK / SPEAKER BAFFLE - COMBINATION

TECHNOLOGY

- D — HDMI OUTLET
- TV — COAX OUTLET
- CEILING MOUNTED PROJECTOR PLATE
- P — MEDIA DELIVERY INPUT
- PP — MEDIA DELIVERY LOCATION

MISCELLANEOUS

- ARS — AREA OF REFUGE (CALL BOX) / TWO-WAY COMMUNICATION SYSTEM
- ARM — AREA OF REFUGE MASTER (BASE STATION) / TWO-WAY COMMUNICATION SYSTEM
- TWC — TWO-WAY COMMUNICATION (CALL BOX)
- TWCM — TWO-WAY COMMUNICATION MASTER (BASE STATION)

SECURITY

DOOR CONTROL

- AI — 2 WAY INTERCOM SYSTEM DOOR STATION
- AM — 2 WAY INTERCOM SYSTEM MASTER STATION
- AO — AUTOMATIC DOOR OPENER
- CA — COMBINATION CARD ACCESS CARD READER PAD
- CR — CARD READER
- DB — DURESS BUTTON
- DC — DOOR POSITION SWITCH CONTACT
- DP — DOOR POSITION SWITCH
- DS — DOOR STRIKE
- EL — ELECTRIC TRIM LATCH
- GB — GLASS BREAK SENSOR
- KP — KEY PAD
- LS — LIMIT SWITCH
- M — SECURITY SYSTEM MOTION DETECTOR CEILING MOUNTED 360°
- M — SECURITY SYSTEM MOTION DETECTOR - WALL MOUNTED
- ML — MAGNETIC LOCK
- P — PANIC PULL STATION
- RX — REQUEST TO EXIT
- SS — SECURITY STROBE
- SINGLE PUSH BUTTON - FUNCTIONALITY DEFINED ON PLANS

CAMERAS - PROVIDE DATA CABLE ONLY PER DETAIL 3/E500

- SECURITY CAMERA - DIRECTIONAL
  LINES REPRESENT WALL OR POLE MOUNTED
  NO LINES REPRESENT CEILING MOUNTED (TYPICAL)
- SECURITY CAMERA - 90°
- SECURITY CAMERA - 180°
- SECURITY CAMERA - 270°
- SECURITY CAMERA - 360°

GENERAL

ANNOTATION SYMBOLS

- X — REFERS TO PLAN NOTE NUMBER
- XXX — SPECIALTY EQUIPMENT REFERENCE TAG
- XX / XXX — DETAIL NUMBER / SHEET NO. WHERE DETAIL IS LOCATED

LINE LEGEND

- CIRCUIT HOMERUN TO 20A/1P BREAKER UNLESS SHOWN OTHERWISE ON DRAWINGS.
- INDICATES ITEMS CONNECTED TO SAME CIRCUIT BUT CONTROLLED SEPARATELY
- INDICATES ITEMS CONNECTED TO SAME CIRCUIT AND CONTROLLED TOGETHER

ABBREVIATIONS

AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AHU	AIR HANDLING UNIT
ATS	AUTOMATIC TRANSFER SWITCH
C	CONDUIT
CCU	COOLING CONDENSER UNIT
CKT	CIRCUIT
CM	CEILING MOUNTED
CT	CURRENT TRANSFORMER
CON	CONTACTOR
CP	CONTROL PANEL
CUH	CABINET UNIT HEATER
DIS	DISCONNECT
DM	DEMARC
EB	EXISTNG BREAKER TO REMAIN
EBB	ELECTRICAL BASE BOARD
EC	ELECTRICAL CONTRACTOR
ECB	ENCLOSED CIRCUIT BREAKER
EDH	ELECTRIC DUCT HEATER
EF	EXHAUST FAN
EL	ELEVATION
EM	EMERGENCY
EQ	EQUIPMENT
EOL	END OF LINE RESISTOR
ETR	EXISTING TO REMAIN
EUH	ELECTRIC UNIT HEATER
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WALL HEATER
EX	EXPLOSION PROOF
F	FUSIBLE PROOF
FBO	FURNISHED BY OTHERS
FC	VARIABLE SPEED FAN CONTROL SWITCH
FR	FREEZER
FSD	FIRE SMOKE DAMPER
GC	GENERAL CONTRACTOR
(GFI)	GROUND FAULT INTERRUPTER BREAKER LOCATED IN ELECTRICAL PANEL
GND	GROUND
GSP	GYM SWITCH PANEL
GUH	GAS UNIT HEATER
HF	HEAT FAN
HP	HORSE POWER
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
IDF	INTERMEDIATE DISTRIBUTION FRAME
JB	JUNCTION BOX
MAU	MAKEUP AIR UNIT
MB	MOTORIZED BACKBOARD
MC	MECHANICAL CONTRACTOR
MDF	MAIN DISTRIBUTION FRAME
MOD	MOTOR OPERATED DAMPER
MTD	MOUNTED
MTS	MANUAL TRANSFER SWITCH
NL	NIGHT LIGHT
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OHD	OVERHEAD DOOR
OC	ON CENTER
PDB	PUNCH DOWN BLOCK
PNL	PANELBOARD
PS	POWER SUPPLY
RCP	RELAY CONTROL PANEL
RTU	ROOF TOP UNIT
SAP	SECURITY ANNUNCIATOR PANEL
SCP	SECURITY CONTROL PANEL
SD	SMOKE DAMPER
SJB	SOUND SYSTEM JUNCTION BOX
SPD	SURGE PROTECTION DEVICE
SS	STAINLESS STEEL
SV	SOLENOID VALVE
TC	TELECOMMUNICATION CLOSET
TCP	TEMPERATURE CONTROL PANEL
TGB	TELECOMMUNICATION GROUND BAR MASTER
TJB	TERMINAL JUNCTION BOX
TRN	TRANSFORMER
TRS	TRANSFER SWITCH
TTB	TELEPHONE TERMINAL BOARD
UC	UNDERCOUNTER
UPS	UNINTERRUPTED POWER SUPPLY
UH	UNIT HEATER
VFD	VARIABLE FREQUENCY DRIVE
W	WELDER
WE	WALL EXHAUST
WG	WIRE GUARD
WH	WATER HEATER
WP	WEATHER PROOF
WP/GFI	WEATHER PROOF / GROUND FAULT INTERRUPTER
XP	CLASS 1, DIV. 1 EQUIPMENT

ELECTRICAL SHEET LIST

Sheet Number	Sheet Name
E001	ELECTRICAL SYMBOLS AND ABBREVIATIONS
E051	ELECTRICAL SITE PLAN
E101	FIRST FLOOR PLAN - LEVEL 1 - APPARATUS BAY - LIGHTING
E102	FIRST FLOOR PLAN - LEVEL 1 - APPARATUS BAY - POWER
E103	FIRST FLOOR PLAN - LEVEL 1 - OFFICE / GARAGE - LIGHTING
E104	FIRST FLOOR PLAN - LEVEL 1 - OFFICE / GARAGE - POWER
E201	MEZZANINE PLANS - NORTH & SOUTH - LIGHTING & POWER
E300	OVERALL PLANS - FIRE ALARM
E301	FIRE ALARM DETAILS
E400	OVERALL PLANS - SECURITY AND DETAILS
E500	OVERALL DATA ROUTING PLANS AND DATA DETAILS
E501	ELECTRICAL DETAILS
E502	ELECTRICAL DETAILS
E600	ONE-LINE DIAGRAM & DETAILS
E601	PANEL SCHEDULES
E602	PANEL SCHEDULES
E700	FIXTURE SCHEDULE AND HVAC SCHEDULE

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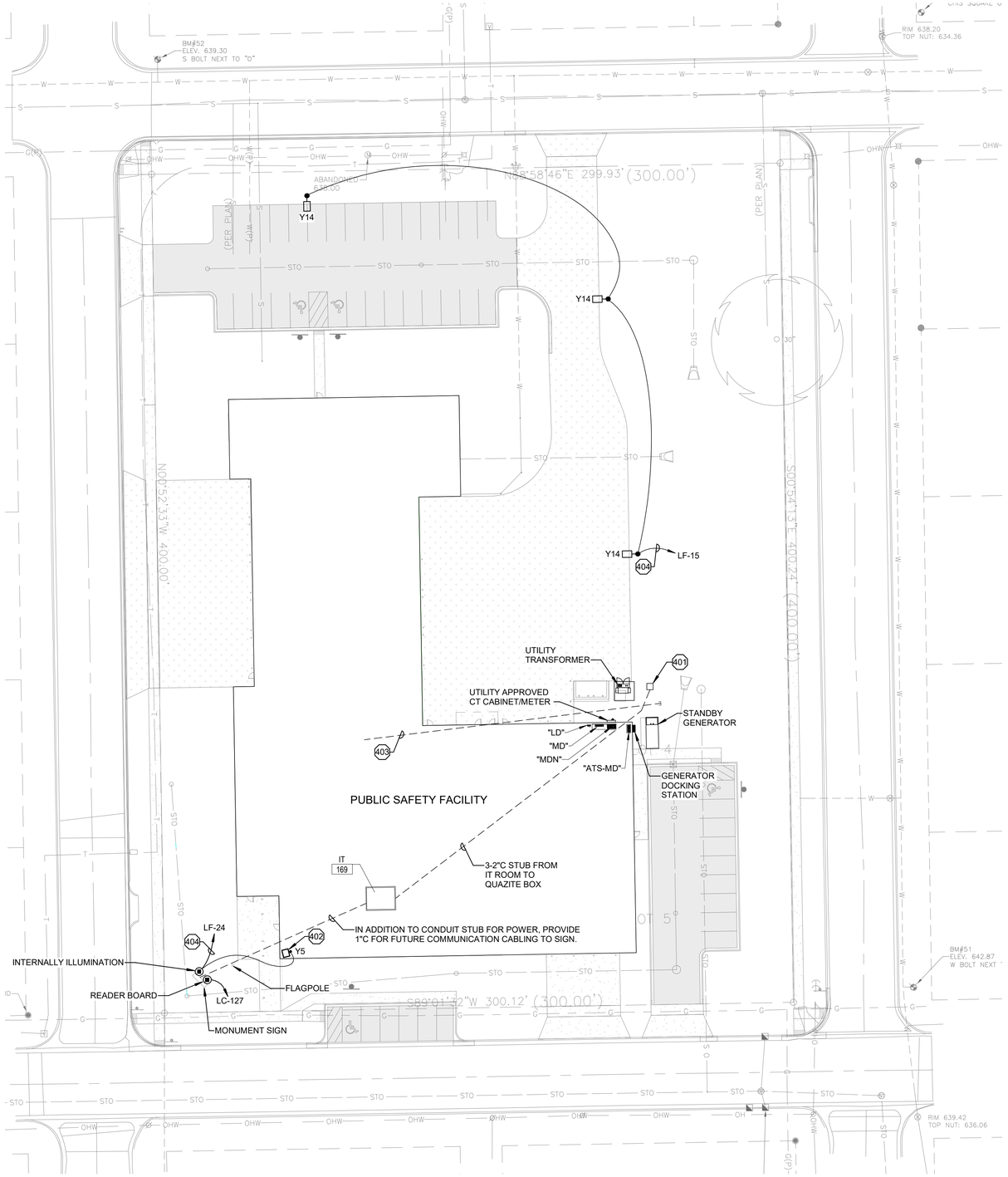
SEH Project	PDCAR 177629
Checked By	LG
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Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

ELECTRICAL SYMBOLS AND ABBREVIATIONS

E001



1 E051 ELECTRICAL SITE PLAN
1" = 30'-0"

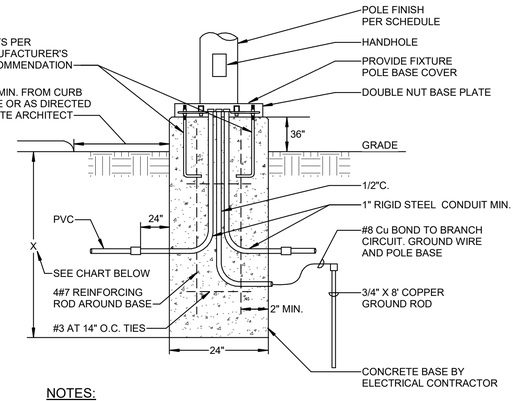
PROJECT NORTH

GENERAL NOTES

1. UNLESS SHOWN OTHERWISE, ALL WIRING SHOWN IS (2)#10 AND #10 GROUND IN 1" PVC.
2. INSTALL PULL CORD IN ALL EMPTY CONDUITS.
3. PROVIDE CONCRETE BASE FOR ALL LIGHT POLES PER DETAIL 3/E051.
4. UNLESS SHOWN OTHERWISE, ALL CONDUITS BURIED 2'-6" BELOW FINISHED GRADE.
5. BRING SITE EXCAVATION AND TOPPING BACK TO ORIGINAL CONDITION IF TRENCHING IS DONE ON COMPACTED SURFACES.
6. ALL CONDUITS STUBED OUT OF BUILDING SHALL BE DONE PER DETAIL 1/E501.

PLAN NOTES (X)

401	PROVIDE QUAZITE PULL BOX PER DETAIL 2/E051
402	ROOF MOUNT Y5 FIXTURE PER DETAIL 4/E502 NIGHT AIM TO ILLUMINATE FLAG.
403	CONDUITS FOR FUTURE RADIO TOWER. SEE MEZZANINE 201 POWER PLAN FOR ADDITIONAL INFORMATION.
404	CONTROL THROUGH EXTERIOR LIGHTING CONTROL PANEL LOCATED IN MEZZANINE 201.

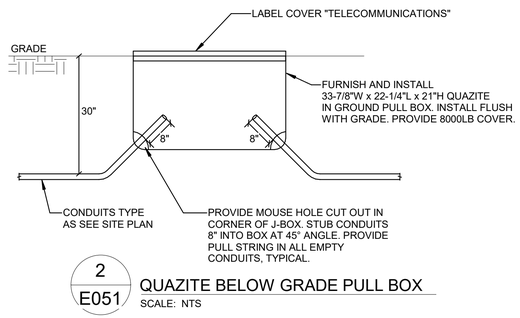


NOTES:

1. IN UNDISTURBED EARTH, EXCLUDING FILL MATERIAL, A 2'-0" DIA. HOLE WHICH SHALL BE USED AS THE FORM FOR THE CONCRETE BASE SHALL BE DRILLED.
2. IN EXCAVATED AREAS OR IN EXISTING SOIL CONTAINING FILL OF OBJECTIONABLE MATERIAL, BACKFILL AROUND CONCRETE BASE WITH COMPACTED GRANULAR BACKFILL A MIN. OF 2'-0" IN ALL DIRECTIONS.

POLE HEIGHT IN FEET	BASE DEPTH IN INCHES BELOW GRADE
10'-0"	X = 60" (INCHES)
15'-0"	X = 60" (INCHES)
20'-0"	X = 60" (INCHES)
25'-0"	X = 72" (INCHES)
30'-0"	X = 72" (INCHES)
35'-0"	X = 72" (INCHES)
40'-0"	X = 96" (INCHES)
45'-0"	X = 96" (INCHES)
50'-0"	X = 108" (INCHES)

3 E051 36" EXTERIOR LIGHTING CONCRETE BASE DETAIL
SCALE: NTS



2 E051 QUAZITE BELOW GRADE PULL BOX
SCALE: NTS

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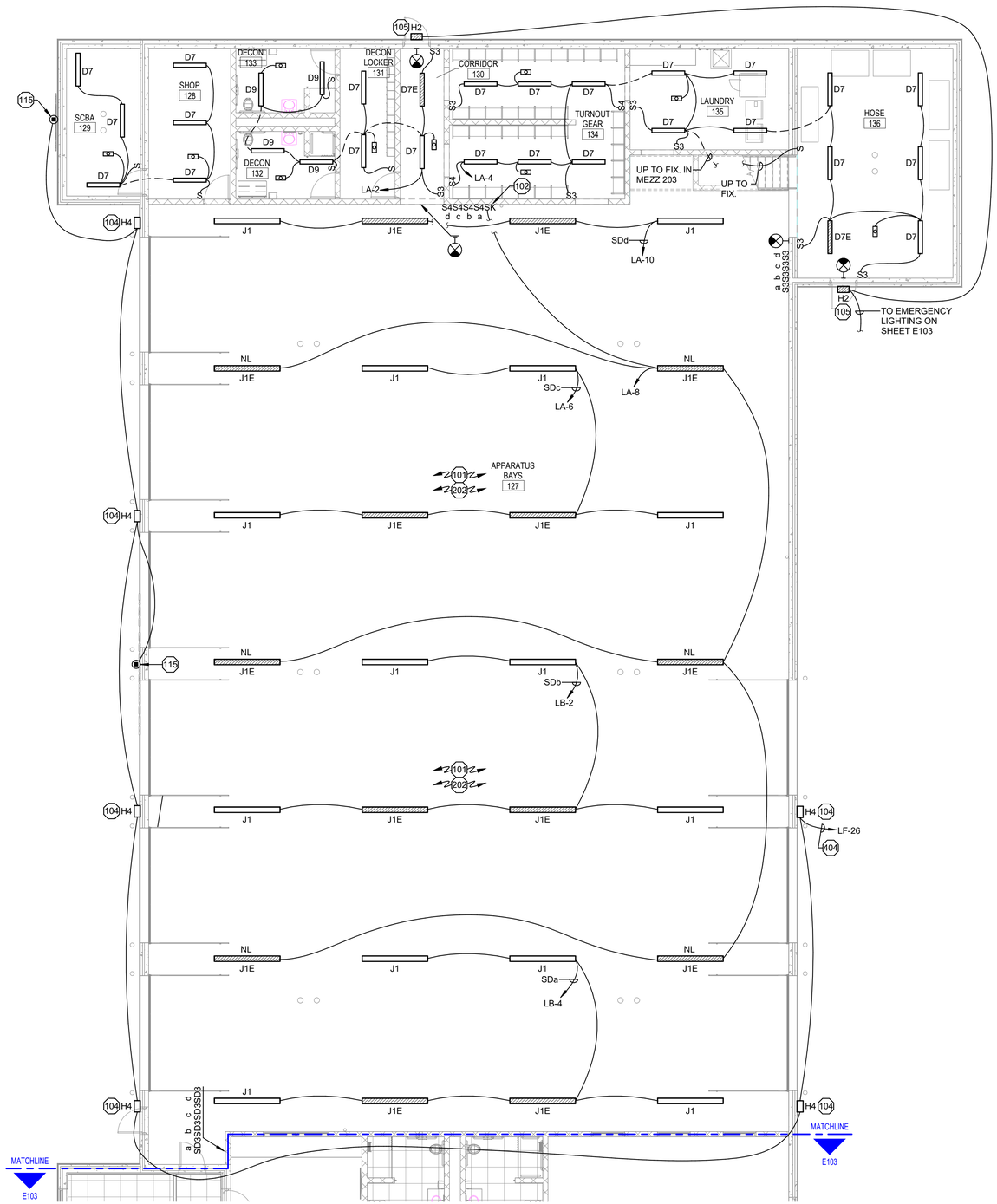
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ELECTRICAL SITE PLAN

E051



1 E101 FLOOR PLAN - LEVEL 1 - APPARATUS BAYS - LIGHTING

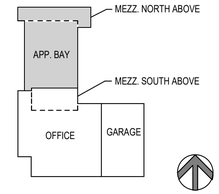
1/8" = 1'-0"

GENERAL NOTES

1. ALL LIGHTING FIXTURES IN MECHANICAL ROOMS SHALL BE LAID OUT ON SITE AND DETERMINED BY THE MECHANICAL EQUIPMENT IN ROOM.
2. ALL EXIT LIGHTS THIS SHEET SHALL BE CIRCUITED TO LIGHTING IN ROOM PER NEC.
3. SHADED FIXTURE (▨) INDICATES FIXTURE PROVIDES EMERGENCY EGRESS LIGHTING.
4. IN ROOMS WITH OCCUPANCY SENSOR, ALL GENERAL ILLUMINATION IN ROOM SHALL BE CONTROLLED BY SENSOR. EMERGENCY LIGHTING SHALL BE CONNECTED TO SENSOR UNLESS SPECIFICALLY SHOWN OTHERWISE. CONTRACTOR TO DETERMINE BEST LOCATION FOR SENSOR IN FIELD WITH MANUFACTURER. SEE DETAIL 5/E501.
5. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF CEILING MOUNTED LIGHT FIXTURES.
6. PROVIDE 0-10V CONTROL WIRING FOR ALL DIMMABLE FIXTURES.
7. VERIFY MOUNTING HEIGHTS OF ALL CABLE HUNG LIGHT FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.

PLAN NOTES (X)

101	IN THIS ROOM HANG ALL TYPE J1 AND J1E FIXTURES AT 16'-0" AFF TO BOTTOM OF FIXTURE PER DETAIL 6/E501 WHERE HIGH BAY OCCUPANCY SENSORS ARE SHOWN, MOUNT TO BOTTOM OF JOISTS TO CONTROL LIGHT FIXTURES IN SAME ROW.
102	PROVIDE KEYED SWITCH FOR NIGHT LIGHTING IN APPARATUS BAY. PROVIDE ENGRAVED LABEL.
104	WALL MOUNT FIXTURE AT ELEVATION 114'-0" AFF TO BOTTOM OF FIXTURE.
105	WALL MOUNT FIXTURE AT ELEVATION 108'-0" AFF TO BOTTOM OF FIXTURE.
115	PROVIDE CONNECTION TO BACKLIT SIGNAGE PROVIDED BY OTHERS. COORDINATE EXACT LOCATION WITH SIGNAGE INSTALLER PRIOR TO ROUGH-IN.
202	ALL BOXES SHALL BE FLUSH MOUNTED IN WALLS AND ALL CONDUIT SHALL BE CONCEALED IN WALLS, INCLUDING IN PRE-CAST WALLS; SEE SPECIFICATION SECTION 26 05 01. TYPICAL OF ALL PRE-CAST WALLS THIS SHEET.
404	CONTROL THROUGH EXTERIOR LIGHTING CONTROL PANEL LOCATED IN MEZZANINE 201.



KEY PLAN

PROJECT NORTH

SEH

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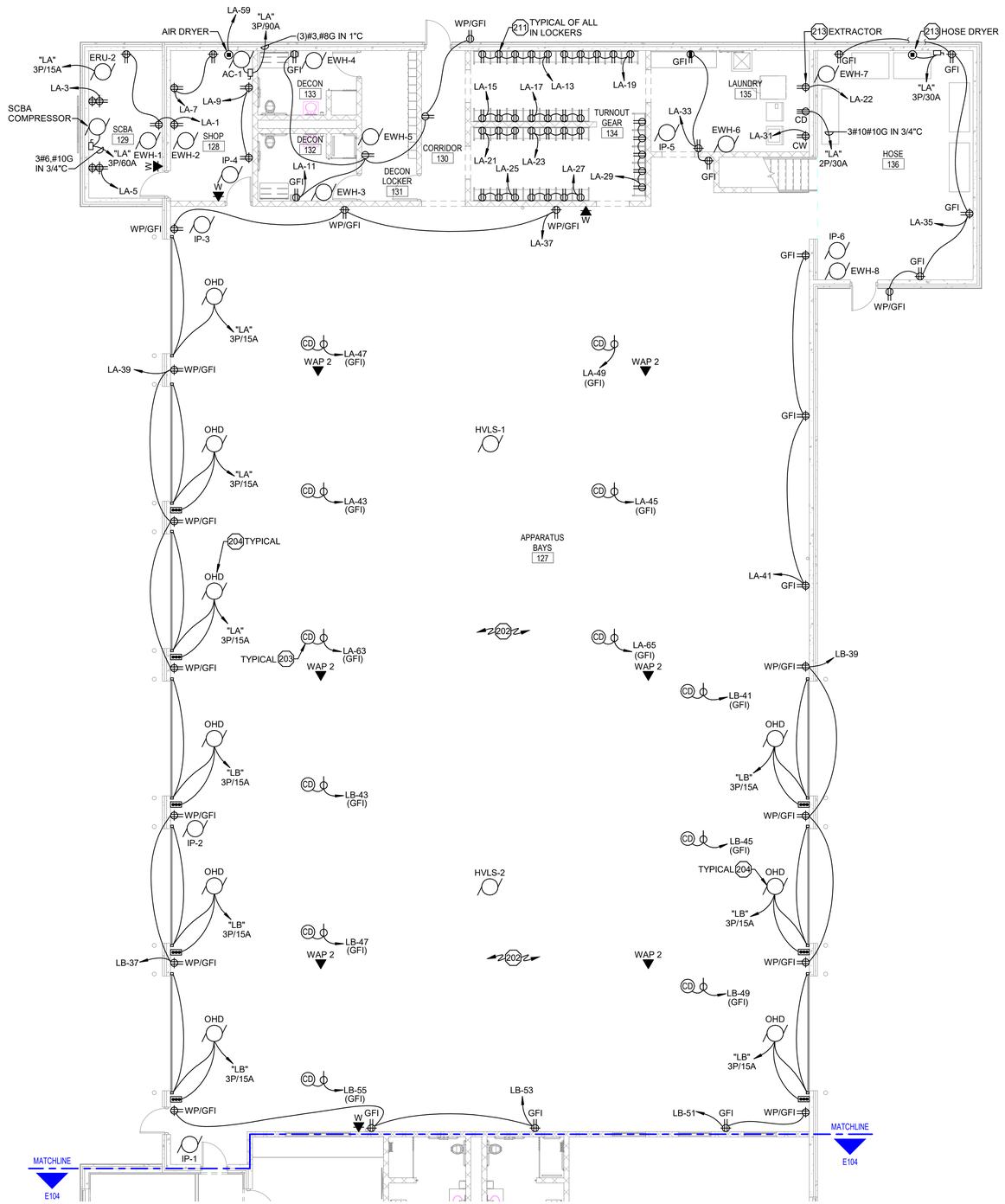
REVISION SCHEDULE

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FIRST FLOOR PLAN - LEVEL 1 - APPARATUS BAY - LIGHTING

E101

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1 E102 FLOOR PLAN - LEVEL 1 - APPARATUS BAYS - POWER

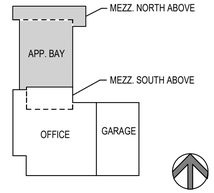
1/8" = 1'-0"

GENERAL NOTES

1. PROVIDE EXTERIOR RECEPTACLES PER DETAIL 2/E502.
2. ALL CONDUITS STUBBED OUT OF BUILDING SHALL BE DONE PER DETAIL 1/E501.
3. CONFIRM EXACT LOCATION OF ALL OUTLETS IN OFFICES WITH OWNER PRIOR TO ROUGH-IN.
4. ALL RECEPTACLES FOR ELECTRIC WATER COOLERS (EWC) TO BE ROUGHED-IN BEHIND UNIT. CONFIRM EXACT LOCATION PRIOR TO ROUGH-IN. CONFIRM RECEPTACLE OR DIRECT CONNECTION.
5. ALL RECEPTACLES MOUNTED WITHIN 6 FEET OF SINKS SHALL BE GFI TYPE.
6. ALL LOW VOLTAGE CABLING IN AREAS WITH EXPOSED STRUCTURE SHALL BE IN CONDUIT.
7. COORDINATE ALL HVAC AND PLUMBING ELECTRICAL CONNECTION WITH HVAC AND PLUMBING CONTRACTORS. PROVIDE BRANCH CIRCUIT AND DISCONNECTS WHERE REQUIRED TO ALL EQUIPMENT. SEE HVAC AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

PLAN NOTES (X)

202	ALL BOXES SHALL BE FLUSH MOUNTED IN WALLS AND ALL CONDUIT SHALL BE CONCEALED IN WALLS, INCLUDING IN PRE-CAST WALLS; SEE SPECIFICATION SECTION 26 05 01. TYPICAL OF ALL PRE-CAST WALLS THIS SHEET.
203	VERIFY EXACT LOCATION OF ALL CORD DROPS WITH OWNER PRIOR TO ROUGH-IN.
204	PROVIDE POWER CONNECTION AND ROUGH-IN FOR CONTROLS FOR OVERHEAD DOOR MOTOR PER DETAIL 4/E501. MOUNT AND WIRE ALL CONTROLS (FBO). VERIFY LOCATIONS OF PUSH BUTTON CONTROL STATIONS WITH OWNER PRIOR TO ROUGH-IN.
211	MOUNT RECEPTACLES PER DIRECTION OF OWNER TO COORDINATE WITH LOCKERS. VERIFY WITH OWNER PRIOR TO ROUGH-IN. ALL RECEPTACLES SHALL BE USB CHARGING TYPE.
213	COORDINATE EXACT EQUIPMENT CONNECTION AND CIRCUIT REQUIREMENTS WITH OWNERS EQUIPMENT PRIOR TO ROUGH-IN.



KEY PLAN

PROJECT NORTH

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REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

FIRST FLOOR PLAN - LEVEL 1 - APPARATUS BAY - POWER

E102

GENERAL NOTES

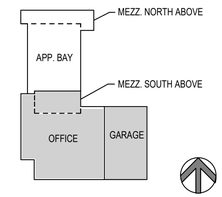
1. ALL LIGHTING FIXTURES IN MECHANICAL ROOMS SHALL BE LAID OUT ON SITE AND DETERMINED BY THE MECHANICAL EQUIPMENT IN ROOM.
2. ALL EXIT LIGHTS THIS SHEET SHALL BE CIRCUITED TO LIGHTING IN ROOM PER NEC.
3. SHADED FIXTURE (▨) INDICATES FIXTURE PROVIDES EMERGENCY EGRESS LIGHTING.
4. IN ROOMS WITH OCCUPANCY SENSOR, ALL GENERAL ILLUMINATION IN ROOM SHALL BE CONTROLLED BY SENSOR. EMERGENCY LIGHTING SHALL BE CONNECTED TO SENSOR UNLESS SPECIFICALLY SHOWN OTHERWISE. CONTRACTOR TO DETERMINE BEST LOCATION FOR SENSOR IN FIELD WITH MANUFACTURER. SEE DETAIL 5/E501.
5. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF CEILING MOUNTED LIGHT FIXTURES.
6. PROVIDE 0-10V CONTROL WIRING FOR ALL DIMMABLE FIXTURES.
7. VERIFY MOUNTING HEIGHTS OF ALL CABLE HUNG LIGHT FIXTURES WITH ARCHITECT PRIOR TO ROUGH-IN.

PLAN NOTES (X)

103	CIRCUIT THROUGH LIGHTING INVERTER INV.
104	WALL MOUNT FIXTURE AT ELEVATION 114'-0" AFF TO BOTTOM OF FIXTURE.
105	WALL MOUNT FIXTURE AT ELEVATION 108'-0" AFF TO BOTTOM OF FIXTURE.
106	HANG FIXTURES THIS ROOM WITH AIRCRAFT CABLE AT 12'-0" AFF TO BOTTOM OF FIXTURE, TYPICAL.
110	MOUNT HIGH BAY OCCUPANCY SENSORS TO BOTTOM OF JOISTS FACING FLOOR. OCCUPANCY SENSORS TO CONTROL LIGHT FIXTURES IN SAME ROW.
114	WALL MOUNT FIXTURE AT ELEVATION 109'-0" AFF TO CENTER OF FIXTURE.
116	IN THIS ROOM HANG ALL J1 AND J1E FIXTURES AT 12'-0" AFF TO BOTTOM OF FIXTURE PER DETAIL WHERE HIGH BAY OCCUPANCY SENSORS ARE SHOWN, MOUNT TO BOTTOM OF JOISTS TO CONTROL LIGHT FIXTURES IN SAME ROW.
221	DO NOT PENETRATE WALLS OR SECURITY CEILING THIS ROOM UNLESS SPECIFICALLY SHOWN. ALL FASTENERS SHALL BE VANDAL PROOF.
404	CONTROL THROUGH EXTERIOR LIGHTING CONTROL PANEL LOCATED IN MEZZANINE 201.



1 / E103 FLOOR PLAN - LEVEL 1 - OFFICE / GARAGE - LIGHTING
1/8" = 1'-0"



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FIRST FLOOR PLAN - LEVEL 1 - OFFICE / GARAGE - LIGHTING

E103

PLAN NOTES (X)

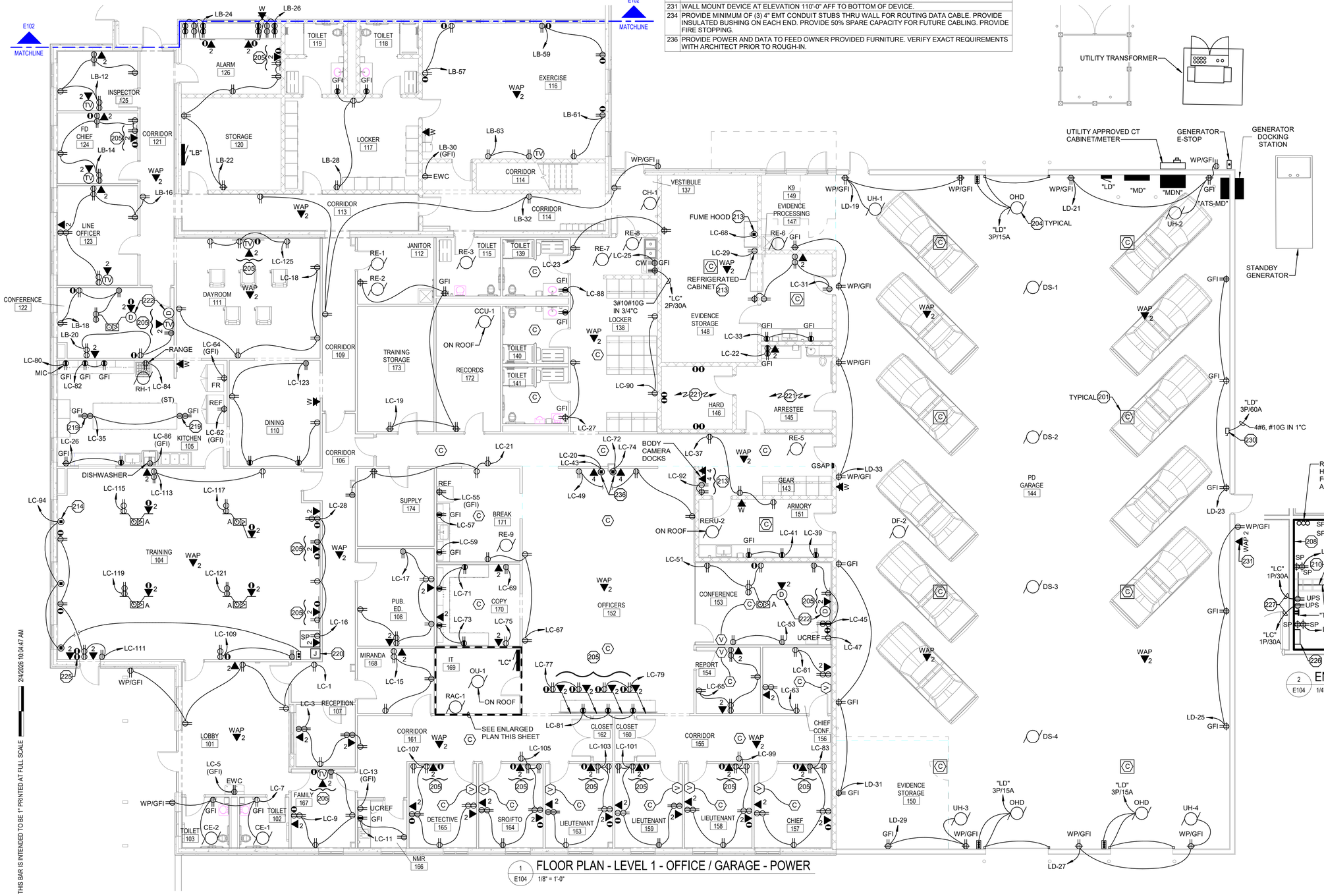
201	MOUNT SPEAKERS TO BOTTOM OF ROOF DECK. PROVIDE METAL SURFACE SPEAKER ENCLOSURE PAINTED TO MATCH DECK.
204	PROVIDE POWER CONNECTION AND ROUGH-IN FOR CONTROLS FOR OVERHEAD DOOR MOTOR PER DETAIL 4/E501 . MOUNT AND WIRE ALL CONTROLS (FBO). VERIFY LOCATIONS OF PUSH BUTTON CONTROL STATIONS WITH OWNER PRIOR TO ROUGH-IN.
205	LOCATE DEVICES BEHIND WALL MOUNTED MEDIA DEVICE. VERIFY LOCATION AND HEIGHT WITH OWNER PRIOR TO ROUGH-IN.
206	PROVIDE CABLE TRAY PER DETAIL 2/E500
207	RACK MOUNTED PAGING EQUIPMENT, SEE SPECIFICATION 27 51 50.
208	PROVIDE FIRE RETARDANT PAINTED (WHITE) PLYWOOD BACKBOARD ON WALLS THIS ROOM FOR EQUIPMENT MOUNTING.
209	PROVIDE 2-POST DATA RACK.
210	PROVIDE 4-POST DATA RACK.
213	COORDINATE EXACT EQUIPMENT CONNECTION AND CIRCUIT REQUIREMENTS WITH OWNERS EQUIPMENT PRIOR TO ROUGH-IN.

PLAN NOTES (X)

214	PROVIDE CONNECTION TO POWER OPERATED SHADES AT CLEARSTORY WINDOWS. VERIFY EXACT LOCATION OF SHADE MOTORS WITH SUPPLIER PRIOR TO ROUGH-IN. VERIFY EXACT LOCATION FOR CONTROLS. MOUNT AND WIRE ALL CONTROLS.
219	PROVIDE FLUSH MOUNTED DEVICE IN STUB WALL AT END OF CASEWORK, MOUNT AS HIGH AS POSSIBLE BELOW COUNTERTOP.
220	PROVIDE 12" X 12" JUNCTION BOX WITH (2) 2" CONDUITS TO ABOVE ACCESSIBLE CEILING FOR FUTURE SOUND SYSTEM RACK/CABLING.
221	DO NOT PENETRATE WALLS OR SECURITY CEILING THIS ROOM UNLESS SPECIFICALLY SHOWN. ALL FASTENERS SHALL BE VANDAL PROOF.
222	PROVIDE HDMI WIRING PER DETAIL 5/E502
223	FUTURE RACK FOR RADIO SYSTEM EQUIPMENT BY OTHERS.
224	WALL MOUNTING SPACE DEDICATED FOR BDA SYSTEM EQUIPMENT BY OTHERS.
225	PROVIDE (2) 1"CONDUITS TO ABOVE ACCESSIBLE CEILING FOR RADIO SYSTEM CONNECTIONS BY OTHERS.
226	CATV DEMARK PER DETAIL 3/E501
227	PROVIDE 2#10 #10G IN 3/4"C. VERIFY LOCKING OR STRAIGHT BLADE PLUG WITH OWNER'S EQUIPMENT.
230	PROVIDE 60A/3P FUSIBLE DISCONNECT SWITCH FOR FUTURE EV CHARGING STATION.
231	WALL MOUNT DEVICE AT ELEVATION 110'-0" AFF TO BOTTOM OF DEVICE.
234	PROVIDE MINIMUM OF (3) 4" EMT CONDUIT STUBS THRU WALL FOR ROUTING DATA CABLE. PROVIDE INSULATED BUSHING ON EACH END. PROVIDE 50% SPARE CAPACITY FOR FUTURE CABLING. PROVIDE FIRE STOPPING.
236	PROVIDE POWER AND DATA TO FEED OWNER PROVIDED FURNITURE. VERIFY EXACT REQUIREMENTS WITH ARCHITECT PRIOR TO ROUGH-IN.

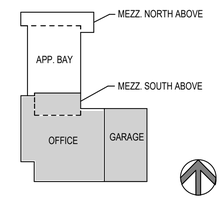
GENERAL NOTES

1. PROVIDE EXTERIOR RECEPTACLES PER DETAIL 2/E502 .
2. ALL CONDUITS STUBBED OUT OF BUILDING SHALL BE DONE PER DETAIL 1/E501 .
3. CONFIRM EXACT LOCATION OF ALL OUTLETS IN OFFICES WITH OWNER PRIOR TO ROUGH-IN.
4. ALL RECEPTACLES FOR ELECTRIC WATER COOLERS (EWC) TO BE ROUGHED-IN BEHIND UNIT. CONFIRM EXACT LOCATION PRIOR TO ROUGH-IN. CONFIRM RECEPTACLE OR DIRECT CONNECTION.
5. ALL RECEPTACLES MOUNTED WITHIN 6 FEET OF SINKS SHALL BE GFI TYPE.
6. ALL LOW VOLTAGE CABLING IN AREAS WITH EXPOSED STRUCTURE SHALL BE IN CONDUIT.
7. COORDINATE ALL HVAC AND PLUMBING ELECTRICAL CONNECTION WITH HVAC AND PLUMBING CONTRACTORS. PROVIDE BRANCH CIRCUIT AND DISCONNECTS WHERE REQUIRED TO ALL EQUIPMENT. SEE HVAC AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
8. ALL CONDUIT AND CABLE FOR EXTERIOR WIRELESS ACCESS POINTS SHALL BE INSTALLED PER DETAIL 4/E400



1 E104 FLOOR PLAN - LEVEL 1 - OFFICE / GARAGE - POWER
1/8" = 1'-0"

2 E104 ENLARGED IT 169 - POWER
1/4" = 1'-0"



KEY PLAN

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REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

FIRST FLOOR PLAN - LEVEL 1 - OFFICE / GARAGE - POWER

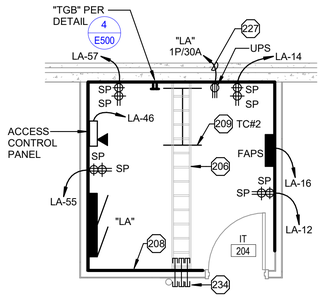
E104

GENERAL NOTES - LIGHTING

1. ALL LIGHTING FIXTURES IN MECHANICAL ROOMS SHALL BE LAID OUT ON SITE AND DETERMINED BY THE MECHANICAL EQUIPMENT IN ROOM.
2. ALL EXIT LIGHTS THIS SHEET SHALL BE CIRCUITED TO LIGHTING IN ROOM PER NEC.
3. SHADED FIXTURE (▨) INDICATES FIXTURE PROVIDES EMERGENCY EGRESS LIGHTING.
4. IN ROOMS WITH OCCUPANCY SENSOR, ALL GENERAL ILLUMINATION IN ROOM SHALL BE CONTROLLED BY SENSOR. EMERGENCY LIGHTING SHALL BE CONNECTED TO SENSOR UNLESS SPECIFICALLY SHOWN OTHERWISE. CONTRACTOR TO DETERMINE BEST LOCATION FOR SENSOR IN FIELD WITH MANUFACTURER. SEE DETAIL 5/E501.
5. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF CEILING MOUNTED LIGHT FIXTURES.
6. PROVIDE 0-10V CONTROL WIRING FOR ALL DIMMABLE FIXTURES.

PLAN NOTES - LIGHTING (X)

108	INVERTER "INV", SEE FIXTURE SCHEDULE.
117	ALL BOXES SHALL BE FLUSH MOUNTED IN WALLS AND ALL CONDUIT SHALL BE CONCEALED IN WALLS, INCLUDING IN PRE-CAST WALLS; SEE SPECIFICATION SECTION 26 05 01. TYPICAL OF ALL PRE-CAST WALLS THIS SHEET.



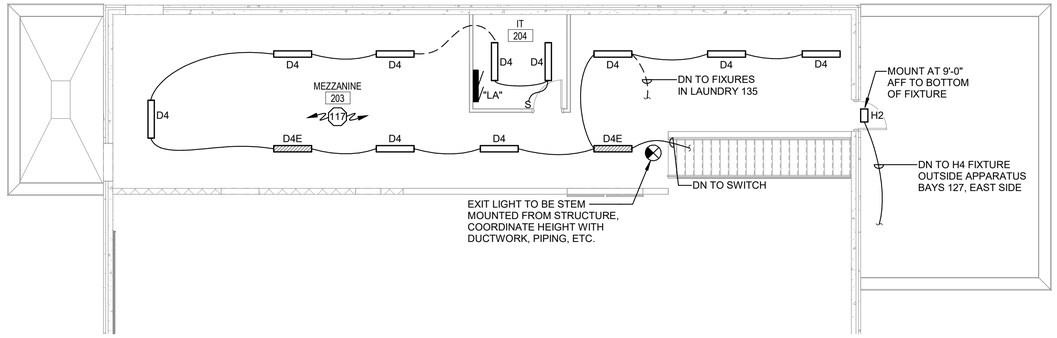
5/E201 ENLARGED IT 204 - POWER
1/4" = 1'-0"

GENERAL NOTES - POWER

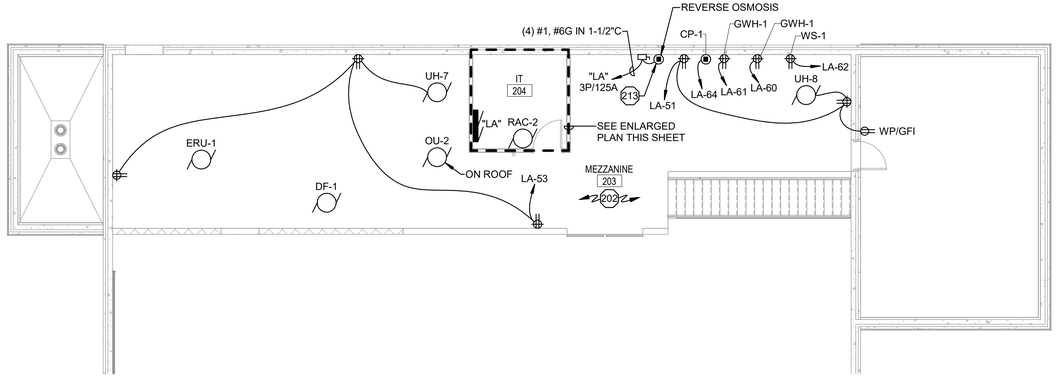
1. PROVIDE EXTERIOR RECEPTACLES PER DETAIL 2/E502.
2. ALL CONDUITS STUBBED OUT OF BUILDING SHALL BE DONE PER DETAIL 1/E501.
3. CONFIRM EXACT LOCATION OF ALL OUTLETS IN OFFICES WITH OWNER PRIOR TO ROUGH-IN.
4. ALL RECEPTACLES FOR ELECTRIC WATER COOLERS (EWC) TO BE ROUGHED-IN BEHIND UNIT. CONFIRM EXACT LOCATION PRIOR TO ROUGH-IN. CONFIRM RECEPTACLE OR DIRECT CONNECTION.
5. ALL RECEPTACLES MOUNTED WITHIN 6 FEET OF SINKS SHALL BE GFI TYPE.
6. ALL LOW VOLTAGE CABLING IN AREAS WITH EXPOSED STRUCTURE SHALL BE IN CONDUIT.
7. COORDINATE ALL HVAC AND PLUMBING ELECTRICAL CONNECTION WITH HVAC AND PLUMBING CONTRACTORS. PROVIDE BRANCH CIRCUIT AND DISCONNECTS WHERE REQUIRED TO ALL EQUIPMENT. SEE HVAC AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

PLAN NOTES - POWER (X)

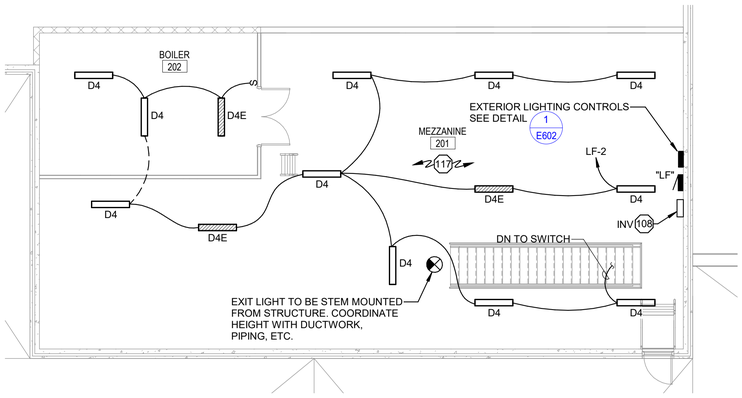
202	ALL BOXES SHALL BE FLUSH MOUNTED IN WALLS AND ALL CONDUIT SHALL BE CONCEALED IN WALLS, INCLUDING IN PRE-CAST WALLS; SEE SPECIFICATION SECTION 26 05 01. TYPICAL OF ALL PRE-CAST WALLS THIS SHEET.
206	PROVIDE CABLE TRAY PER DETAIL 2/E500
208	PROVIDE FIRE RETARDANT PAINTED (WHITE) PLYWOOD BACKBOARD ON WALLS THIS ROOM FOR EQUIPMENT MOUNTING.
209	PROVIDE 2-POST DATA RACK.
213	COORDINATE EXACT EQUIPMENT CONNECTION AND CIRCUIT REQUIREMENTS WITH OWNERS EQUIPMENT PRIOR TO ROUGH-IN.
227	PROVIDE 2#10 #10G IN 3/4"C. VERIFY LOCKING OR STRAIGHT BLADE PLUG WITH OWNER'S EQUIPMENT.
228	PROVIDE (4) 4" CONDUITS FROM MEZZANINE, DOWN THRU CHASE PROVIDED IN CORRIDOR 114 TO BELOW GRADE WHERE SHOWN ON SITE PLAN. ROUTE WITH NO MORE THAN (2) 90 DEGREE SWEEPS. INTERIOR CONDUIT MAY BE EMT, ELBOWS SHALL BE RIGID, AND UNDERGROUND CONDUIT MAY BE PVC. CONDUITS TO BE ROUTED UNDERGROUND TO MONOPOLE BY OTHERS. COORDINATE EXACT MONOPOLE LOCATION AND CONDUIT BENDING REQUIREMENTS WITH RADIO SYSTEM SUPPLIER PRIOR TO ROUGH-IN.
229	RADIO SYSTEM FILTER BY OTHERS. COORDINATE EXACT LOCATION WITH RADIO SYSTEM SUPPLIER PRIOR TO ROUGH-IN.
232	PROVIDE UP TO (4) 4" EMT CONDUITS THRU WALL FOR RADIO ANTENNA CABLING PROVIDED BY OTHERS. VERIFY QUANTITY OF THRU WALL CONDUITS AND REQUIREMENTS WITH OWNER'S RADIO SYSTEM SUPPLIER PRIOR TO ROUGH-IN. PROVIDE WITH WEATHERHEAD.
234	PROVIDE MINIMUM OF (3) 4" EMT CONDUIT STUBS THRU WALL FOR ROUTING DATA CABLE. PROVIDE INSULATED BUSHING ON EACH END. PROVIDE 50% SPARE CAPACITY FOR FUTURE CABLING. PROVIDE FIRE STOPPING.



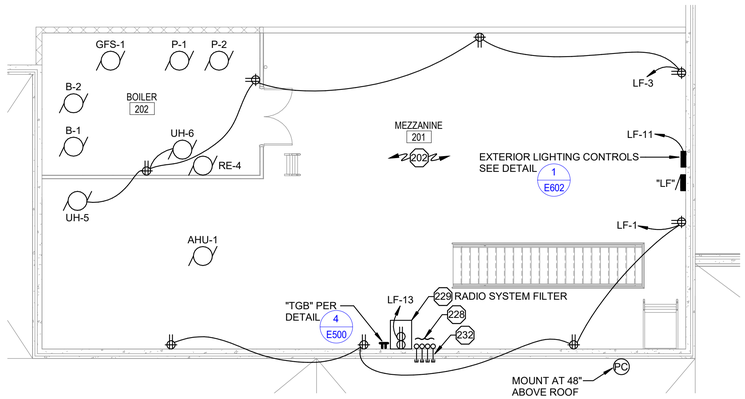
1/E201 MEZZANINE NORTH - LEVEL 2 - LIGHTING
1/8" = 1'-0"



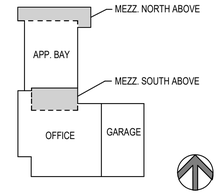
3/E201 MEZZANINE NORTH - LEVEL 2 - POWER
1/8" = 1'-0"



2/E201 MEZZANINE SOUTH - LEVEL 2 - LIGHTING
1/8" = 1'-0"



4/E201 MEZZANINE SOUTH - LEVEL 2 - POWER
1/8" = 1'-0"



KEY PLAN

PROJECT NORTH

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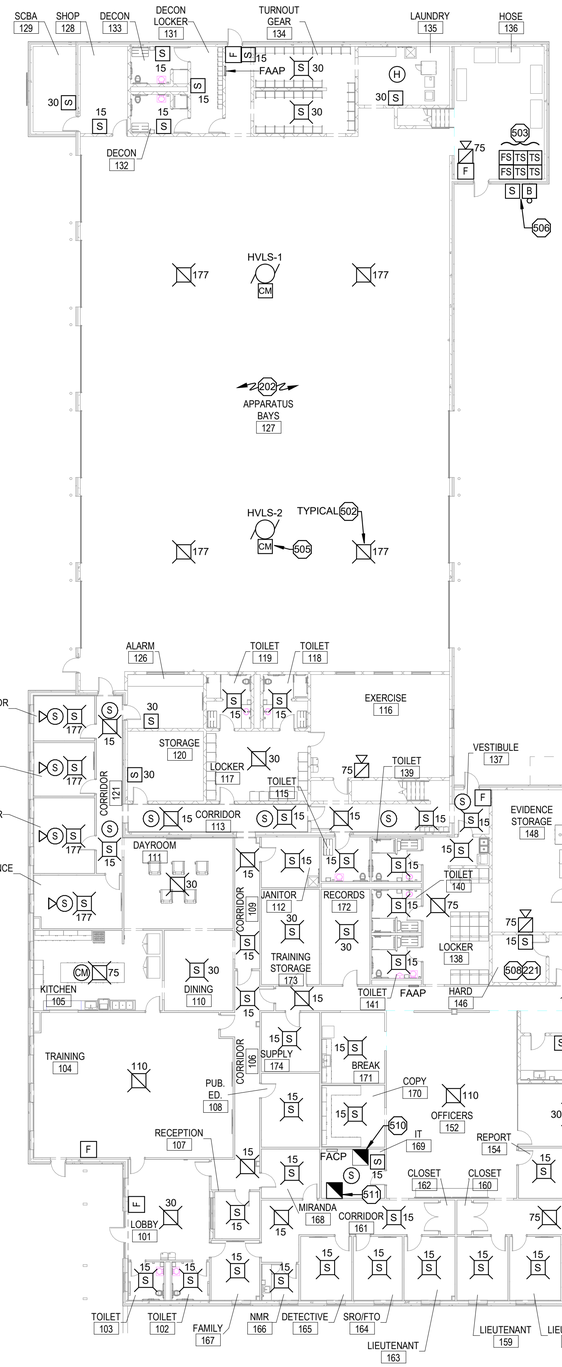
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REVISION SCHEDULE

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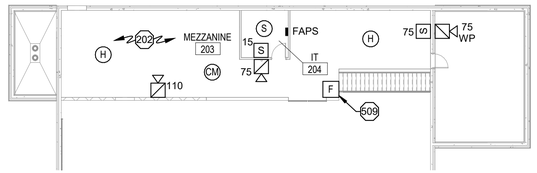
MEZZANINE PLANS - NORTH & SOUTH - LIGHTING & POWER

E201



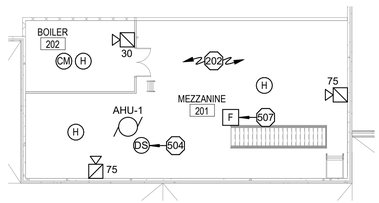
1 E300 FLOOR PLAN - LEVEL 1 - FIRE ALARM

1/16" = 1'-0"



2 E300 FLOOR PLAN - MEZZANINE NORTH - FIRE ALARM

1/16" = 1'-0"



3 E300 FLOOR PLAN - MEZZANINE SOUTH - FIRE ALARM

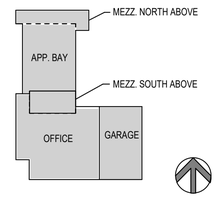
1/16" = 1'-0"

GENERAL NOTES

1. SEE POWER PLANS FOR FIRE ALARM CONTROL PANEL AND POWER SUPPLY CIRCUITS.
2. ALL DEVICES SHOWN THIS SHEET ARE APPROXIMATE LOCATIONS. VERIFY EXACT LOCATIONS ON SITE TO ACCOMMODATE FURNITURE, LIGHT FIXTURES, ETC. ENSURE STROBE COVERAGE REQUIRED BY NFPA 72 IS MAINTAINED IF STROBES ARE RELOCATED FOR COORDINATION.
3. ALL FIRE ALARM CABLING SHALL BE SUPPORTED SEPARATELY FROM OTHER LOW VOLTAGE CABLING ABOVE LAY-IN CEILINGS. FIRE ALARM WIRING IN AREAS WHERE THERE IS NO LAY-IN CEILINGS SHALL BE IN CONDUIT.
4. SEE DETAIL 1/E301 FOR INSTALLATION DETAILS.
5. LOCATE SMOKE DETECTOR MINIMUM 3'-0" FROM HVAC DIFFUSERS. ENSURE COVERAGE IS MAINTAINED IF SMOKES ARE RELOCATED FOR COORDINATION.
6. SEE ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGHTS OF EXTERIOR FIRE ALARM NOTIFICATION DEVICES.
7. ALL DEVICES IN MECHANICAL ROOMS SHALL BE LAID OUT ON-SITE AND DETERMINED BY THE MECHANICAL EQUIPMENT IN THE ROOM.
8. ALL FIRE ALARM PULL, JUNCTION BOXES, AND THEIR COVERS SHALL BE PAINTED RED AND HAVE "FIRE ALARM" WRITTEN ON THE COVER IN LARGE BLACK NON-WASHABLE INK. THE LETTERING SHALL BE SUCH THAT IT CAN BE READ FROM 10' AWAY. NOTE THAT THIS REQUIREMENT IS IN ADDITION TO THE NEC REQUIREMENTS WHICH REQUIRE THAT THE BOX ITSELF BE MARKED IN RED.

PLAN NOTES (X)

202	ALL BOXES SHALL BE FLUSH MOUNTED IN WALLS AND ALL CONDUIT SHALL BE CONCEALED IN WALLS, INCLUDING IN PRE-CAST WALLS; SEE SPECIFICATION SECTION 26 05 01. TYPICAL OF ALL PRE-CAST WALLS THIS SHEET.
221	DO NOT PENETRATE WALLS OR SECURITY CEILING THIS ROOM UNLESS SPECIFICALLY SHOWN. ALL FASTENERS SHALL BE VANDAL PROOF.
502	MOUNT DEVICES TO BOTTOM OF JOIST FACING FLOOR. TYPICAL OF ALL NOTIFICATION DEVICES THIS ROOM.
503	PROVIDE MONITORING FOR TAMPER AND FLOW SWITCH FOR SPRINKLER SYSTEM. VERIFY EXACT LOCATIONS AND QUANTITIES WITH FIRE PROTECTION CONTRACTOR PRIOR TO ROUGH-IN.
504	PROVIDE DUCT SMOKE DETECTOR PER DETAIL 3/E301
505	PROVIDE CONTROL MODULE TO SHUT DOWN HVLS FAN UPON ACTIVATION OF FLOW SWITCH FOR SPRINKLER SYSTEM.
506	INSTALL BELL AND STROBE FOR SPRINKLER SYSTEM AT FIRE DEPARTMENT CONNECTION. SEE DETAIL 2/E301 VERIFY EXACT LOCATION WITH FIRE PROTECTION CONTRACTOR PRIOR TO ROUGH-IN
507	FEED FROM BELOW AND MOUNT TO RAILING.
508	PROVIDE VANDAL RESISTANT DEVICE FOR DETENTION AREAS.
509	FEED FROM BELOW.
510	PROVIDE CONTROL MODULE AT ACCESS CONTROL PANEL TO UNLOCK MAGNETIC LOCKS AT ARRESTEE 145 UPON FIRE ALARM. DOORS SHALL REMAIN LOCKED UPON TROUBLE AND SUPERVISORY SIGNALS ON FIRE ALARM SYSTEM.
511	PROVIDE SUPERVISORY MONITOR MODULES FOR BI-DIRECTIONAL AMPLIFIER REPEATERS FOR POWER LOSS AND OSCILLATION.



KEY PLAN

PROJECT NORTH

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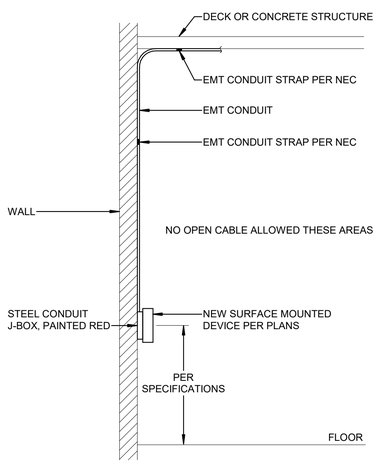
SEH Project	PDCAR 177629
Checked By	LG
Drawn By	MP
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

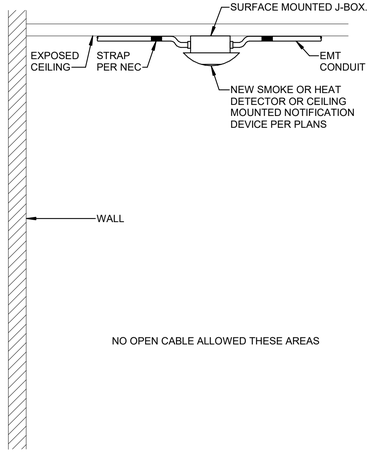
REV. #	DESCRIPTION	DATE

OVERALL PLANS - FIRE ALARM

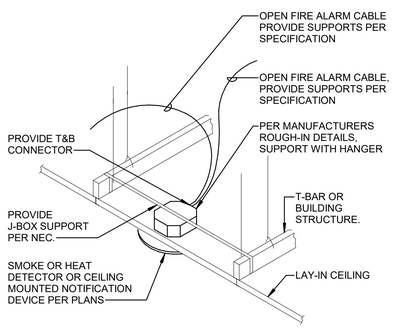
E300



DETAIL ILLUSTRATING NEW SURFACE MOUNTED WALL DEVICE IN MECHANICAL SPACES
NTS

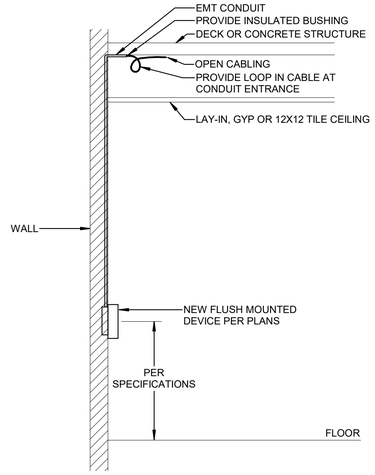


DETAIL ILLUSTRATING NEW SURFACE MOUNTED CEILING DEVICE IN UNFINISHED AREAS
NTS

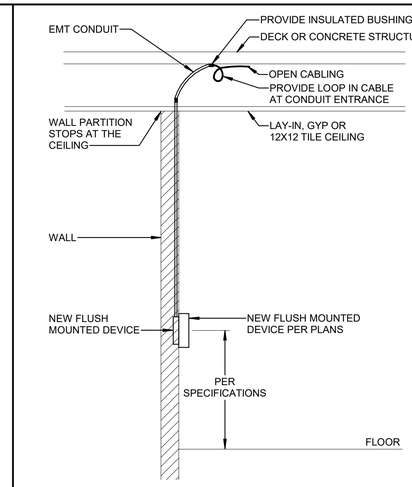


GENERAL NOTE:
1. BOX TO BE ACCESSIBLE VIA CEILING TILE, AND HAVE FRONT COVER WITH PAINTED RED "FA".

DETAIL ILLUSTRATING NEW FLUSH MOUNTED CEILING DEVICE, IN LAY-IN CEILING
NTS

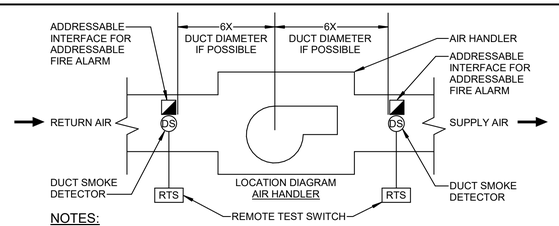


DETAIL ILLUSTRATING NEW FLUSH MOUNTED WALL DEVICE
NTS



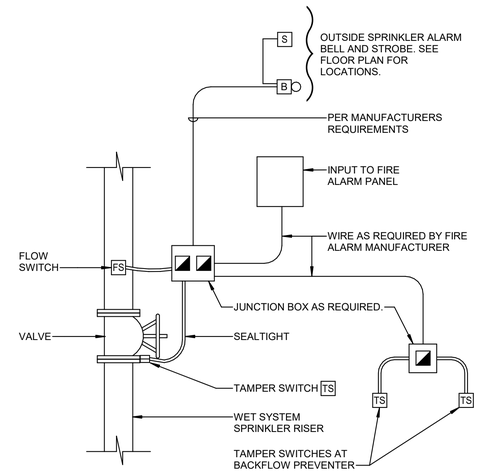
DETAIL ILLUSTRATING NEW WALL MOUNTED DEVICE IN EXISTING PARTITION WALLS
NTS

1 / E301 FIRE ALARM DEVICE INSTALLATION DETAILS (NEW FACILITIES)
SCALE: NTS



NOTES:
1. WIRE INTO HVAC CONTROL PANEL OR STARTER TO SHUT DOWN AIR HANDLER IN THE EVENT SMOKE IS DETECTED. PROVIDE WRITTEN STATEMENT TO ARCHITECT THAT THE SYSTEM WAS TESTED AND OPERATES CORRECTLY.
2. MOUNT REMOTE TEST STATION ON NEAREST WALL IN MECHANICAL, ELECTRICAL, JANITOR OR STORAGE ROOM THAT PROVIDES ACCESS. IN INSTALLATIONS WHERE TWO OR MORE AHU'S ARE INSTALLED TOGETHER, MOUNT ALL TEST SWITCHES IN ONE AREA.
3. IF ONLY ONE (DS) IS SHOW ON FLOOR PLANS, MOUNT ON RETURN SIDE OF AHU.

3 / E301 FIRE ALARM DUCT DETECTOR INSTALLATION
SCALE: NTS



NOTES:
1. SEE FLOOR PLANS FOR ACTUAL NUMBER OF FLOW SWITCHES AND TAMPER SWITCHES. PROVIDE QUANTITY OF MODULES AS REQUIRED.
2. MOUNT MODULES WITH-IN 3'-0".

2 / E301 SPRINKLER VALVE DIAGRAM
SCALE: NTS

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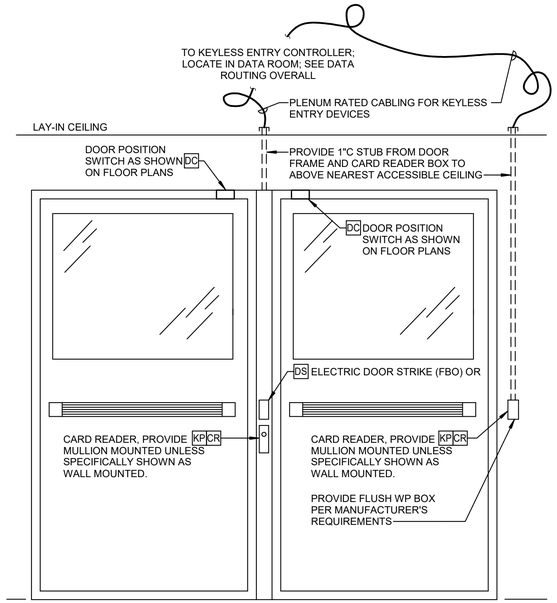
Project Status	**Issue Date**
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FIRE ALARM DETAILS

E301

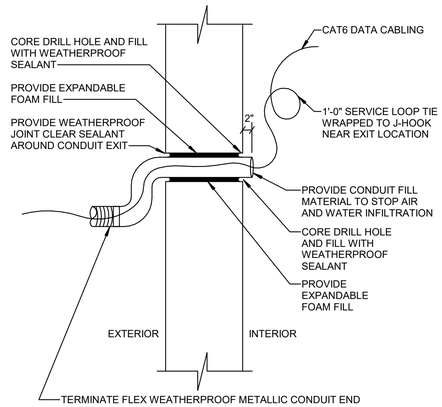


GENERAL NOTES:

1. ALL WIRING AND CONDUIT MUST BE CONCEALED TO DOOR FRAME.
2. COORDINATE SPECIFIC ROUGH-IN REQUIREMENTS WITH KEYLESS ENTRY VENDOR.

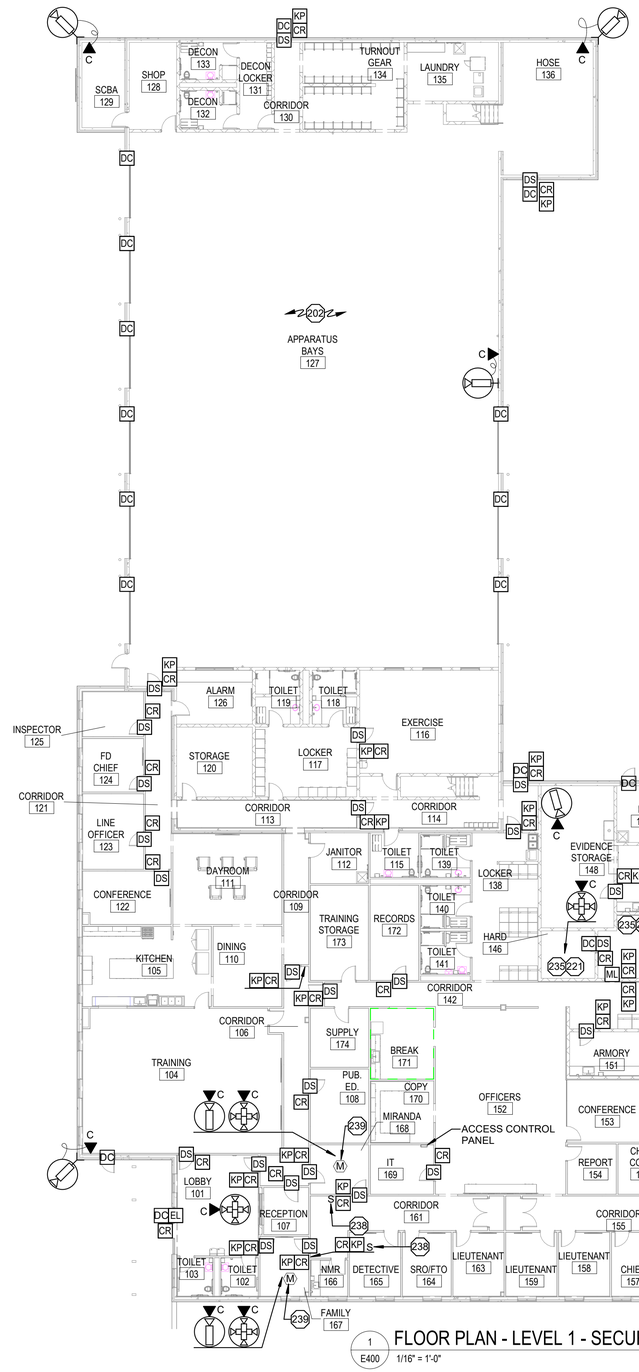
3 / E400 DOOR STRIKE, CARD READER, & DOOR CONTACT INSTALLATION DETAIL

SCALE: NTS



4 / E400 EXTERIOR WALL MOUNTED DATA AND CONDUIT PENETRATION DETAIL

SCALE: NTS



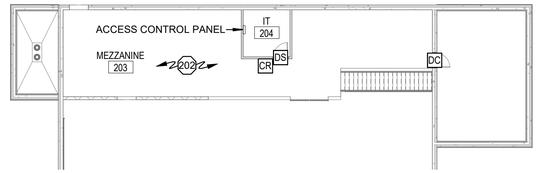
1 / E400 FLOOR PLAN - LEVEL 1 - SECURITY

1/16" = 1'-0"

GENERAL NOTES

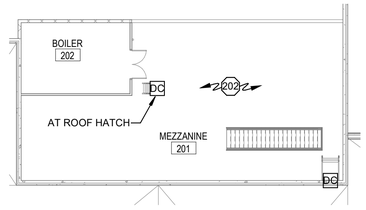
1. ALL CONDUIT AND CABLE FOR EXTERIOR CAMERAS SHALL BE INSTALLED PER DETAIL 4 / E400 .
2. SEE POWER PLANS FOR DOOR CONTROLLER AND POWER SUPPLY CIRCUITS. ANY ADDITIONAL 120V POWER REQUIRED FOR KEYLESS ENTRY SYSTEM OR VIDEO SURVEILLANCE SYSTEM SHALL BE PROVIDED FROM NEAREST PANEL. PROVIDE ADDITIONAL 20A/1P BREAKERS IN PANEL FOR ANY ADDITIONAL CIRCUITS REQUIRED.
3. SEE OVERALL DATA ROUTING PLAN FOR ROUTING OF CABLING.
4. ALL LOW VOLTAGE CABLING IN AREAS WITH EXPOSED STRUCTURE SHALL BE IN CONDUIT.
5. VERIFY ALL LOCATIONS AND MOUNTING HEIGHTS WITH OWNER'S SECURITY CAMERA VENDOR PRIOR TO ROUGH-IN AND INSTALLATION OF CABLING.
6. SEE DETAIL 3 / E400 FOR DOOR HARDWARE ROUGH-IN REQUIREMENTS.

PLAN NOTES (X)	
202	ALL BOXES SHALL BE FLUSH MOUNTED IN WALLS AND ALL CONDUIT SHALL BE CONCEALED IN WALLS, INCLUDING IN PRE-CAST WALLS; SEE SPECIFICATION SECTION 26 05 01. TYPICAL OF ALL PRE-CAST WALLS THIS SHEET.
221	DO NOT PENETRATE WALLS OR SECURITY CEILING THIS ROOM UNLESS SPECIFICALLY SHOWN. ALL FASTENERS SHALL BE VANDAL PROOF.
235	ALL DEVICES THIS ROOM SHALL BE VANDAL RESISTANT TYPE FOR DETENTION AREAS.
238	PROVIDE FLUSH WALL MOUNTED SWITCH TO ENGAGE CAMERAS AND MICROPHONE.
239	PROVIDE FLUSH MOUNTED MICROPHONE IN CEILING, VERIFY REQUIREMENTS WITH OWNERS SECURITY VENDOR.



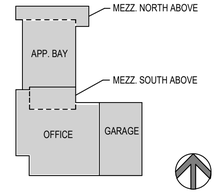
2 / E400 MEZZANINE NORTH - LEVEL 2 - SECURITY

1/16" = 1'-0"



5 / E400 MEZZANINE SOUTH - LEVEL 2 - SECURITY

1/16" = 1'-0"



KEY PLAN

PROJECT NORTH

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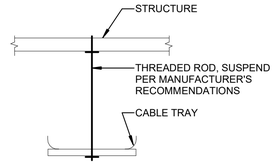
REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

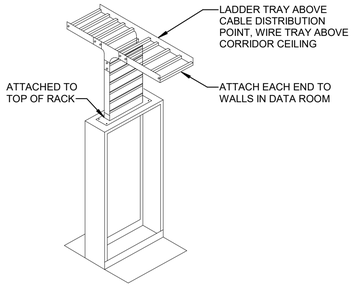
OVERALL PLANS - SECURITY AND DETAILS

E400

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RUNG TYPE TRAY

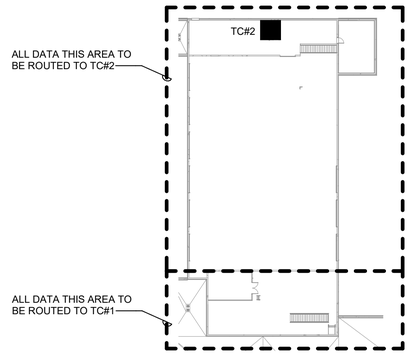


TYPICAL OPEN RACK DETAIL

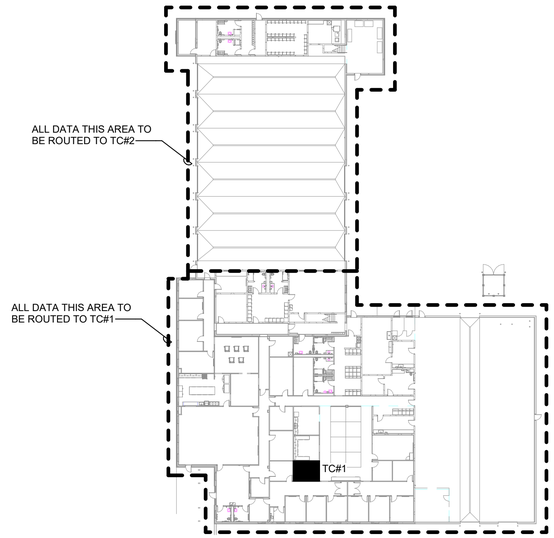
NOTES:

1. COORDINATE WITH DUCT WORK AND OTHER OBSTRUCTIONS ABOVE CEILING.
2. INSTALL SO TRAY CAN BE ACCESSED FROM CEILING BELOW.
3. PROVIDE MULTIPLE RUNS WHERE REQUIRED TO ACHIEVE 50% SPARE CAPACITY AND WHERE INDICATED ON DRAWING.

2 / E500 CABLE TRAY DETAIL
SCALE: NTS

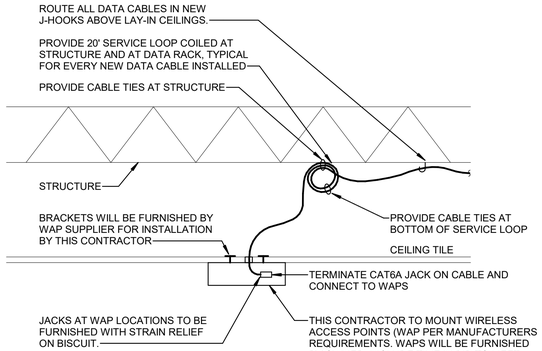


MEZZANINE NORTH - LEVEL 2 - DATA ROUTING
NTS

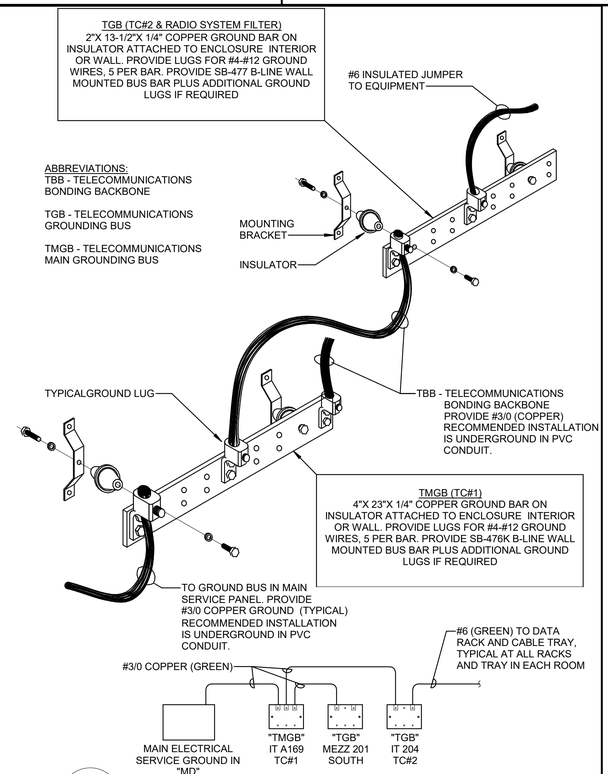


FLOOR PLAN - LEVEL 1 - DATA ROUTING
NTS

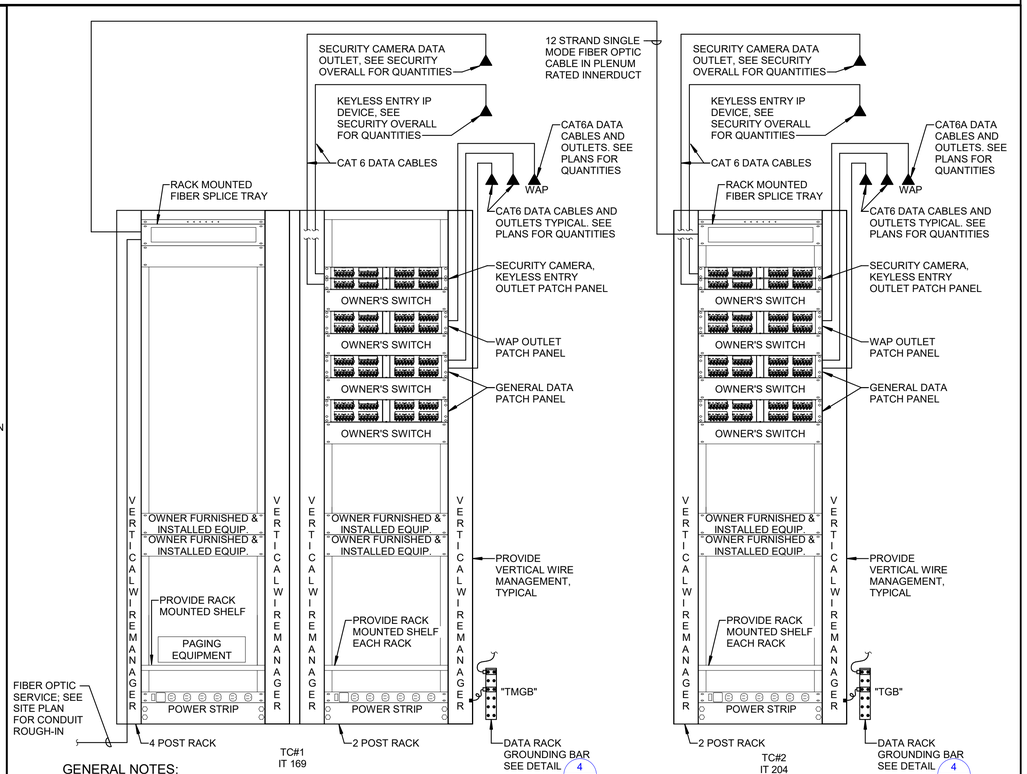
1 / E500 OVERALL DATA CABLE ROUTING
SCALE: NTS



5 / E500 WIRELESS ACCESS POINT MOUNTING DETAIL
SCALE: NTS



4 / E500 TELECOMMUNICATIONS SYSTEM GROUNDING DETAIL
SCALE: NTS



GENERAL NOTES:

1. ALL PATCH PANELS SHALL BE 48 PORT. PROVIDE QUANTITY AS REQUIRED PLUS 25% SPARES.

3 / E500 LOCAL AREA NETWORK RISER
SCALE: NTS

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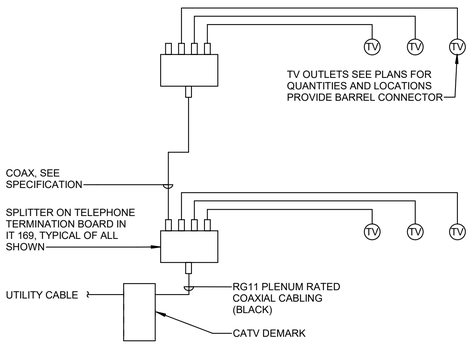
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REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

OVERALL DATA ROUTING PLANS AND DATA DETAILS

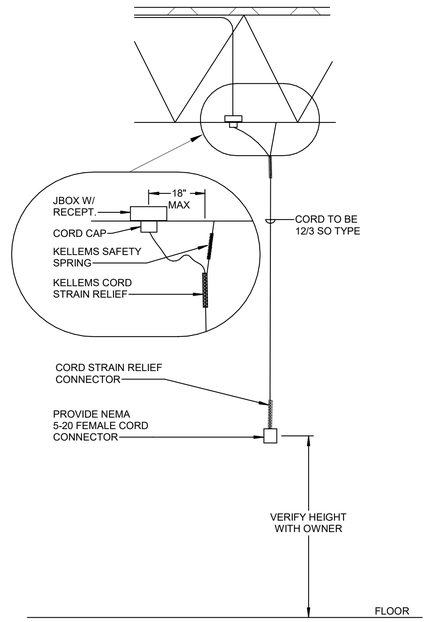
E500



GENERAL NOTES:

1. ALL CABLE TO BE PLENUM RATED.
2. PROVIDE AMPLIFIERS AS REQUIRED.
3. PROVIDE QUANTITY OF SPLITTERS REQUIRED TO FEED QUANTITY OF TELEVISION OUTLETS SHOWN ON PLAN.

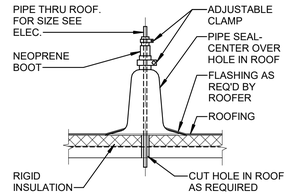
3 E501 TELEVISION RISER DIAGRAM
SCALE: NTS



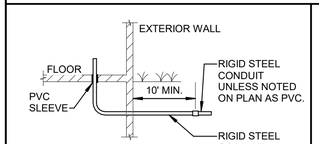
NOTE:

1. ALL STRAIN RELIEF CONNECTORS SIZED TO MATCH CORD DIAMETER.

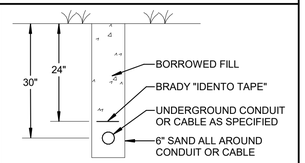
2 E501 CORD DROP OUTLET DETAIL
SCALE: NTS



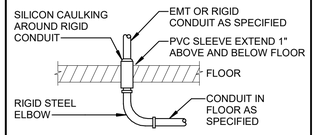
ROOF PENETRATION



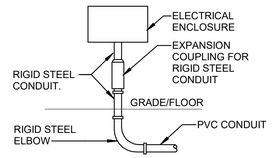
EXTERIOR CONDUIT INTO NEW SPACE



UNDERGROUND CONDUIT/CABLE INSTALLATION



CONDUIT UNDER FLOOR PENETRATION

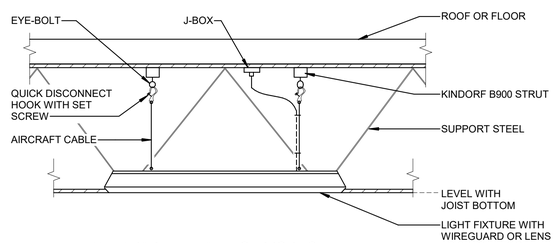


EXTERIOR CONDUIT INTO EXTERIOR ENCLOSURE

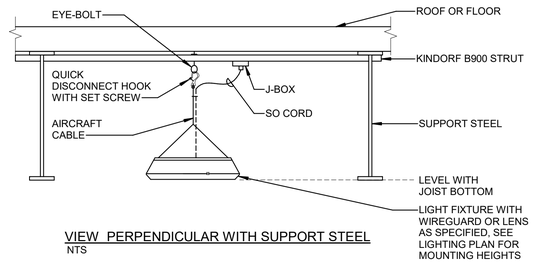
NOTES:

1. E.C. MAY USE PVC COATED RIGID STEEL CONDUIT IN LIEU OF RIGID CONDUIT AND PVC SLEEVE.
2. PVC SLEEVE TO BE AS SNUG AS POSSIBLE ON RIGID CONDUIT.

1 E501 CONDUIT DETAILS
SCALE: NTS



VIEW PARALLEL WITH SUPPORT STEEL
NTS

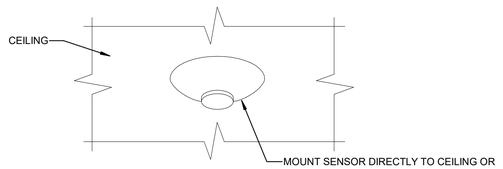


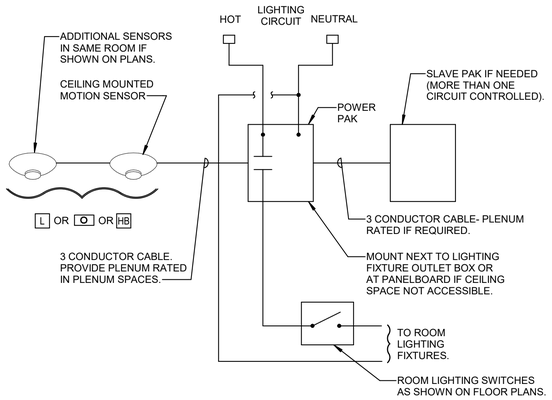
VIEW PERPENDICULAR WITH SUPPORT STEEL
NTS

NOTES:

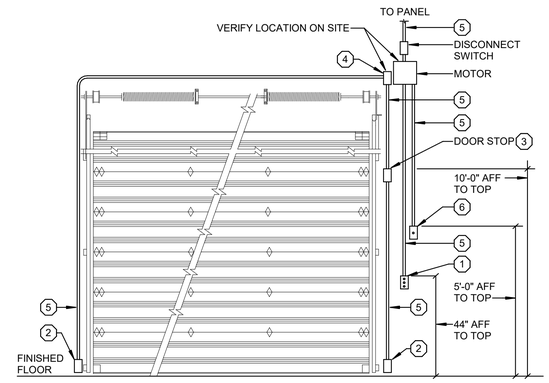
1. ELECTRICAL CONTRACTOR SHALL INSTALL STRUT & SUPPORTS AS REQUIRED PRIOR TO CEILING PAINTING.
2. INSTALL A QUICK DISCONNECT SO LIGHT FIXTURE CAN BE REMOVED FROM THE SUPPORT EYE-BOLT
3. COORDINATE HANGING PROCEDURES WITH THE MANUFACTURER RECOMMENDATIONS.

6 E501 FIXTURE MOUNTING DETAIL
SCALE: NTS





5 E501 MOTION SENSOR LIGHTING CONTROL
SCALE: NTS



INTERIOR VIEW

PLAN NOTES: (X)

1. 1-GANG PUSH BUTTON DOOR OPENER (FBO) FLUSH MOUNTED ON BUILDING INTERIOR.
2. PROVIDE A FLUSH 1-GANG J-BOX FOR STOP EYE, WIRING BY SUPPLIER.
3. PROVIDE A FLUSH 1-GANG J-BOX FOR STOP SWITCH, WIRING BY SUPPLIER.
4. PROVIDE A FLUSH 1-GANG J-BOX FOR CONTROL, WIRING BY SUPPLIER.
5. PROVIDE A FLUSH MOUNTED 1/2"C.
6. PROVIDE A FLUSH MOUNTED 1-GANG J-BOX FOR DOOR CIRCUIT INDICATOR LED. WIRING BY SUPPLIER.

4 E501 OVERHEAD GARAGE DOOR DETAIL WITH INDICATOR
SCALE: NTS

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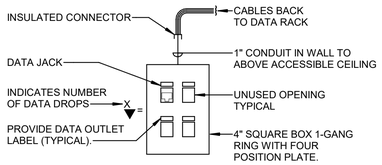
SEH Project	PDCAR 177629
Checked By	LG
Drawn By	MP
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

ELECTRICAL DETAILS

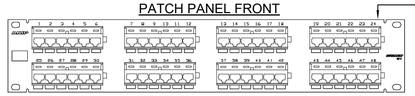
E501



DATA OUTLET
NTS

NOTES:
1. ALL BOXES TO BE 4" SQUARE DEEP WITH 1 OR 2-GANG RING.
2. PROVIDE DATA OUTLETS IN QUANTITY SHOWN ON DRAWINGS.
3. PROVIDE MINIMUM 4 UNIT PLATE. CLOSE ALL UNUSED OPENINGS.
4. PROVIDE OUTLET LABELING AS DIRECTED BY OWNER.
5. IF OUTLET IS SHOWN NEXT TO ABOVE COUNTER RECEPTACLE, CONTRACTOR SHALL ASSUME THIS DEVICE MOUNTS ABOVE COUNTER.
6. PROVIDE J-HOOKS EVERY 3'-0" TO SUPPORT ALL DATA AND PHONE CABLING ABOVE CEILING. PER COMMUNICATIONS DEVICE ROUGH-IN.
7. SEE FLOOR PLAN FOR MULTIPLE JACKS MOUNTED IN SAME PLATE.

PATCH PANEL FRONT

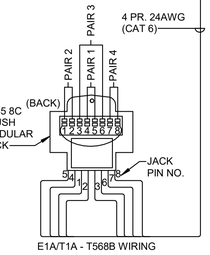


PDS WIRING PAIR COLORS - E1A/T1A 568B

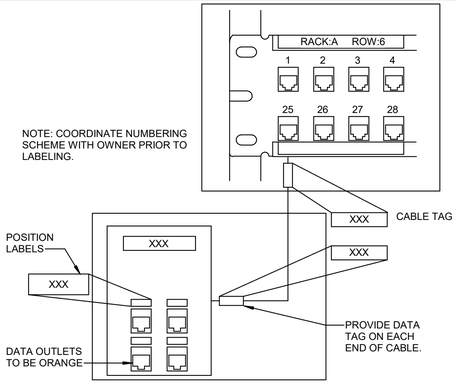
PAIR #	ID	PIN # PDS	BRAND MARKED CODE	SOLID CODE
1	T1	5	WHITE/BLUE	GREEN
	R1	4	BLUE/WHITE	RED
2	T2	1	WHITE/ORANGE	BLACK
	R2	2	ORANGE/WHITE	YELLOW
3	T3	3	WHITE/GREEN	WHITE
	R3	6	GREEN/WHITE	BLUE
4	T4	7	WHITE/BROWN	ORANGE
	R4	8	BROWN/WHITE	BROWN

ALL EQUIPMENT TO BE 250Mhz CAT 6

DATA WIRING DETAIL
NTS

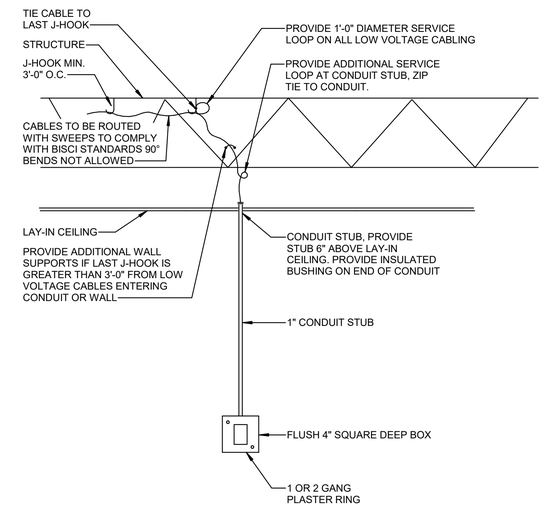


E1A/T1A - T568B WIRING



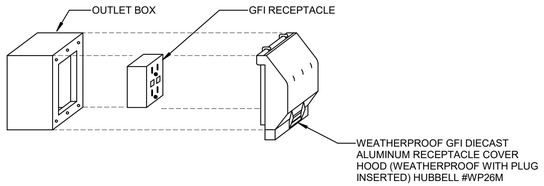
NUMBERING SCHEME
NTS

1
E502
TYPICAL TELECOMMUNICATIONS OUTLET CONFIGURATIONS
SCALE: NTS



GENERAL NOTES:
1. THIS DETAIL APPLIES TO ALL LOW VOLTAGE CABLING.

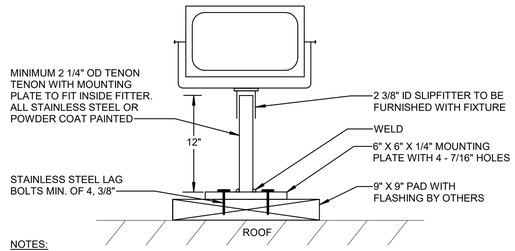
COMMUNICATIONS DEVICE ROUGH-IN



NOTE:
FOR ALL NEW CONSTRUCTION BOX IS TO BE FLUSH MOUNTED.

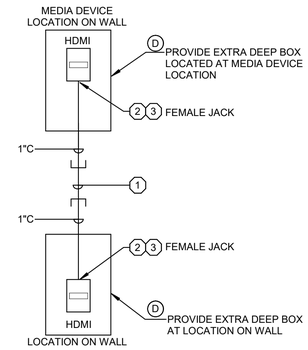
OUTLET BOX:
FLUSH: 3 1/2" DEEP 1-GANG MASONRY BOX SURFACE: F.S. BOX

2
E502
GFI/WP RECEPTACLE MOUNTING DETAIL
SCALE: NTS



NOTES:
1. PROVIDE CORD CONNECTION TO NEMA 4X J-BOX,
2. PROVIDE RUBBER SEAL UNDER LAG BOLT, CAULK UNDER MOUNTING PLATE. CAULK TO BE ALL TEMPERATURE.

4
E502
ROOF MOUNTED FIXTURE
SCALE: NTS



DETAIL NOTES: (X)
1. PROVIDE PLENUM RATED FIBER HDMI CABLE, PRE-TERMINATED ENDS. LIBERTY AV SOLUTIONS CAT # DL-PHDM-M-XXX-M.
2. PROVIDE FEMALE HDMI PASS THROUGH JACK. PROVIDE ADDITIONAL HDMI JACKS IF MULTIPLE MEDIA DEVICES ARE SHOWN ON FLOOR PLANS TO BE CONNECTED TO ONE LOCATION ON WALL.
3. TERMINATION OF CONDUCTOR BY E.C.

5
E502
HDMI WIRING DETAIL
SCALE: NTS

SEH

Project Owner

ENGINEERING DESIGN BY
MSA
(800) 362-4505 • www.msa-ps.com

CITY OF PRAIRIE DU CHIEN
PUBLIC SAFETY FACILITY
705 EAST TAYLOR STREET
PRAIRIE DU CHIEN, WI

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SEH Project	PDCAR 177629
Checked By	LG
Drawn By	MP

Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

ELECTRICAL DETAILS

E502

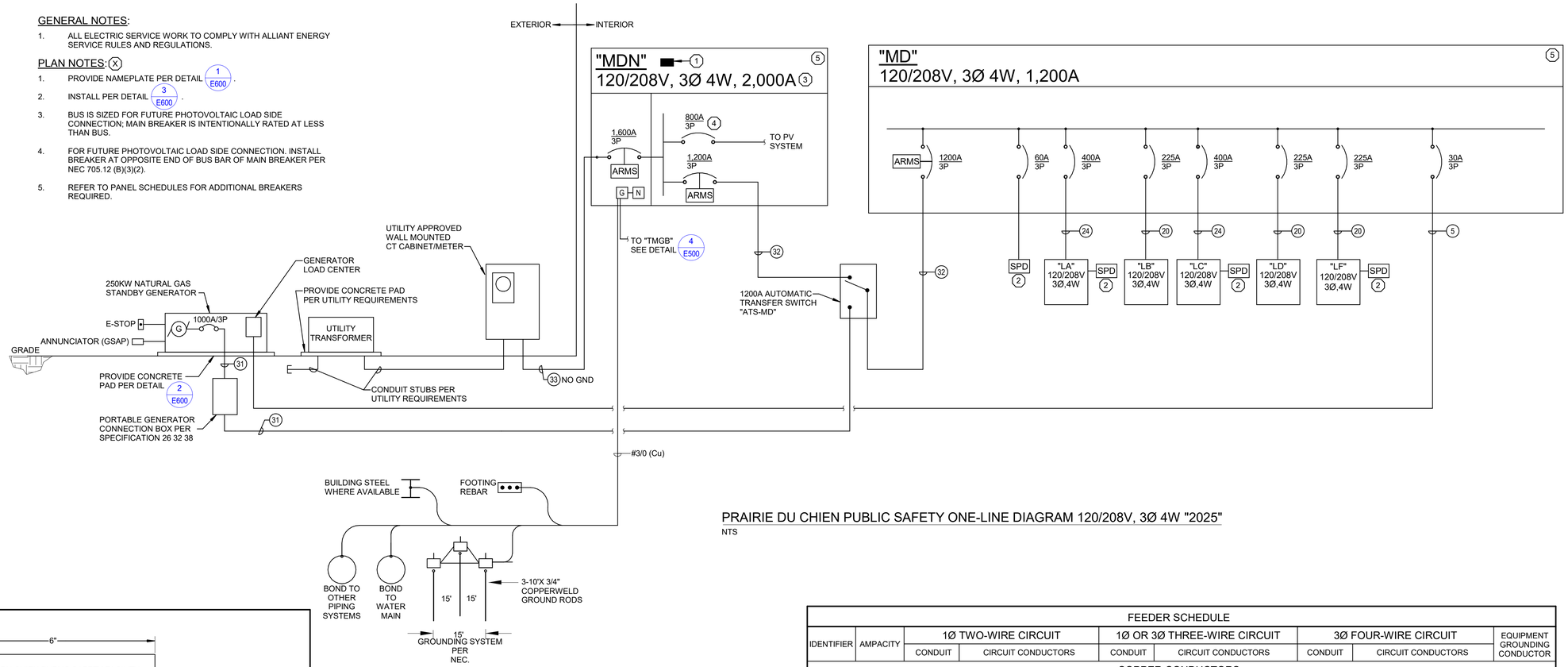
THIS BAR IS INTENDED TO BE 1" PRINTED AT FULL SCALE 2/4/2026 10:04:56 AM

GENERAL NOTES:

1. ALL ELECTRIC SERVICE WORK TO COMPLY WITH ALLIANT ENERGY SERVICE RULES AND REGULATIONS.

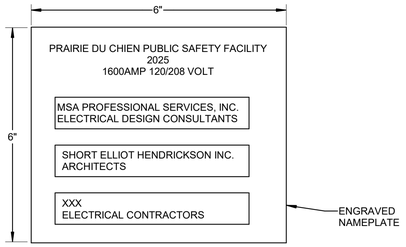
PLAN NOTES: (X)

1. PROVIDE NAMEPLATE PER DETAIL (1 / E600).
2. INSTALL PER DETAIL (3 / E600).
3. BUS IS SIZED FOR FUTURE PHOTOVOLTAIC LOAD SIDE CONNECTION; MAIN BREAKER IS INTENTIONALLY RATED AT LESS THAN BUS.
4. FOR FUTURE PHOTOVOLTAIC LOAD SIDE CONNECTION. INSTALL BREAKER AT OPPOSITE END OF BUS BAR OF MAIN BREAKER PER NEC 705.12 (B)(3)(2).
5. REFER TO PANEL SCHEDULES FOR ADDITIONAL BREAKERS REQUIRED.



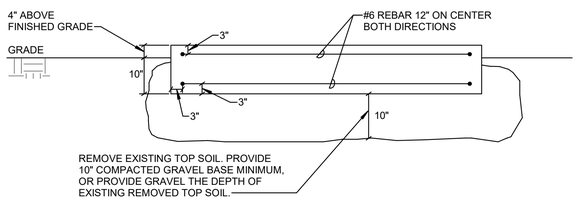
PRAIRIE DU CHIEN PUBLIC SAFETY ONE-LINE DIAGRAM 120/208V, 3Ø 4W "2025"

NTS



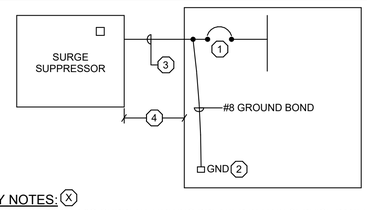
NOTES:
1. INSTALL ON MAIN SERVICE PANEL.

1 / E600 NAMEPLATE DETAIL
SCALE: NTS



GENERAL NOTES:
1. COORDINATE QUANTITY AND LOCATION OF COINDUIT STUBS WITH MANUFACTURER.
2. VERIFY EXACT LENGTH AND WIDTH WITH SET MANUFACTURER. PROVIDE PAD 6" LARGER THAN SET EACH SIDE.

2 / E600 GENERATOR PAD CONCRETE BASE DETAIL
SCALE: NTS



KEY NOTES: (X)
1. PROVIDE 60 AMP 3Ø CURRENT LIMITING BREAKER IN MAIN SERVICE PANEL. PROVIDE 30 AMP 3Ø CURRENT LIMITING BREAKER IN BRANCH PANEL.
2. MAIN SERVICE PANEL OR BRANCH PANEL, SEE DRAWINGS.
3. 4#6 & #6 GND. IN 1 1/4" CONDUIT FOR 60 AMP MAIN SERVICE SUPPRESSION 4#10 & #8 GND. IN 1" CONDUIT FOR 30 AMP BUILDING INTERIOR PANEL SURGE SUPPRESSION.
4. CONDUIT AND FEEDER DISTANCE NOT TO EXCEED 5 FEET.

3 / E600 SURGE SUPPRESSION CONNECTION
SCALE: NTS

FEEDER SCHEDULE

IDENTIFIER	AMPACITY	1Ø TWO-WIRE CIRCUIT		1Ø OR 3Ø THREE-WIRE CIRCUIT		3Ø FOUR-WIRE CIRCUIT		EQUIPMENT GROUNDING CONDUCTOR
		CONDUIT	CIRCUIT CONDUCTORS	CONDUIT	CIRCUIT CONDUCTORS	CONDUIT	CIRCUIT CONDUCTORS	
COPPER CONDUCTORS								
1	10	3/4"	(2) #12	3/4"	(3) #12	3/4"	(4) #12	#12
2	15	3/4"	(2) #12	3/4"	(3) #12	3/4"	(4) #12	#12
3	20	3/4"	(2) #12	3/4"	(3) #12	3/4"	(4) #12	#12
4	25	3/4"	(2) #10	3/4"	(3) #10	3/4"	(4) #10	#10
5	30	3/4"	(2) #10	3/4"	(3) #10	3/4"	(4) #10	#10
6	35	3/4"	(2) #8	3/4"	(3) #8	3/4"	(4) #8	#10
7	40	3/4"	(2) #8	3/4"	(3) #8	3/4"	(4) #8	#10
8	45	3/4"	(2) #8	3/4"	(3) #8	3/4"	(4) #8	#10
9	50	3/4"	(2) #8	3/4"	(3) #8	3/4"	(4) #8	#10
10	60	3/4"	(2) #6	3/4"	(3) #6	1"	(4) #6	#10
11	70	1"	(2) #4	1"	(3) #4	1-1/4"	(4) #4	#8
12	80	1"	(2) #4	1"	(3) #4	1-1/4"	(4) #4	#8
13	90	1"	(2) #3	1"	(3) #3	1-1/4"	(4) #3	#8
14	100	1-1/4"	(2) #3	1-1/4"	(3) #3	1-1/4"	(4) #3	#8
ALUMINUM CONDUCTORS								
15	110	1-1/4"	(2) #1/0	1"	(3) #1/0	2"	(4) #1/0	#4
16	125	1-1/2"	(2) #2/0	2"	(3) #2/0	2"	(4) #2/0	#4
17	150	1-1/2"	(2) #3/0	2"	(3) #3/0	2"	(4) #3/0	#4
18	175	N/A	N/A	2"	(3) #4/0	2-1/2"	(4) #4/0	#4
19	200	N/A	N/A	2-1/2"	(3) 250KCMIL	2-1/2"	(4) 250KCMIL	#4
20	225	N/A	N/A	2-1/2"	(3) 300KCMIL	2-1/2"	(4) 300KCMIL	#2
21	250	N/A	N/A	2-1/2"	(3) 350KCMIL	3"	(4) 350KCMIL	#2
22	300	N/A	N/A	3"	(3) 500 KCMIL	3"	(4) 500KCMIL	#2
23	350	N/A	N/A	(2) 2"	2 SETS OF (3) #4/0	(2) 2-1/2"	2 SETS OF (4) #4/0	#1
24	400	N/A	N/A	(2) 2-1/2"	2 SETS OF (3) 250KCMIL	(2) 2-1/2"	2 SETS OF (4) 250KCMIL	#1
25	450	N/A	N/A	(2) 2-1/2"	2 SETS OF (3) 300KCMIL	(2) 2-1/2"	2 SETS OF (4) 300KCMIL	#1/0
26	500	N/A	N/A	(2) 2-1/2"	2 SETS OF (3) 350KCMIL	(2) 3"	2 SETS OF (4) 350KCMIL	#1/0
27	600	N/A	N/A	(2) 3"	2 SETS OF (3) 500KCMIL	(2) 3 1/2"	2 SETS OF (4) 500KCMIL	#2/0
28	700	N/A	N/A	(3) 2-1/2"	3 SETS OF (3) 350KCMIL	(3) 3"	3 SETS OF (4) 350KCMIL	#3/0
29	800	N/A	N/A	(4) 2-1/2"	4 SETS OF (3) 250KCMIL	(4) 2-1/2"	4 SETS OF (4) 250KCMIL	#3/0
30	900	N/A	N/A	(4) 2-1/2"	4 SETS OF (3) 300KCMIL	(4) 2-1/2"	4 SETS OF (4) 300KCMIL	#4/0
31	1000	N/A	N/A	(4) 2-1/2"	4 SETS OF (3) 350KCMIL	(4) 3"	4 SETS OF (4) 350KCMIL	#4/0
32	1200	N/A	N/A	(4) 3"	4 SETS OF (3) 500KCMIL	(4) 3-1/2"	4 SETS OF (4) 500KCMIL	250KCMIL
33	1600	N/A	N/A	(6) 2-1/2"	6 SETS OF (3) 400KCMIL	(6) 3"	6 SETS OF (4) 400KCMIL	350KCMIL
34	1800	N/A	N/A	(6) 3"	6 SETS OF (3) 500KCMIL	(6) 3-1/2"	6 SETS OF (4) 500KCMIL	400KCMIL
35	2000	N/A	N/A	(6) 3"	6 SETS OF (3) 600KCMIL	(6) 3-1/2"	6 SETS OF (4) 600KCMIL	400KCMIL
36	2500	N/A	N/A	(8) 3"	8 SETS OF (3) 600KCMIL	(8) 3-1/2"	8 SETS OF (4) 600KCMIL	600KCMIL
37	3000	N/A	N/A	(10) 3-1/2"	10 SETS OF (3) 500KCMIL	(10) 3-1/2"	10 SETS OF (4) 500KCMIL	600KCMIL
38	4000	N/A	N/A	(12) 3-1/2"	13 SETS OF (3) 500KCMIL	(12) 4"	13 SETS OF (4) 500KCMIL	750KCMIL

PLAN NOTATION:
- ◇ SINGLE-PHASE, TWO-WIRE FEEDER, NUMBER IS THE FEEDER IDENTIFIER
- □ SINGLE OR THREE-PHASE, THREE-WIRE FEEDER, NUMBER IS THE FEEDER IDENTIFIER
- ○ THREE-PHASE, FOUR-WIRE FEEDER, NUMBER IS THE FEEDER IDENTIFIER

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705 EAST TAYLOR STREET
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SEH Project PDCAR 177629
Checked By LG
Drawn By MP

Project Status: FOR CONSTRUCTION
Issue Date: 1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

ONE-LINE DIAGRAM & DETAILS

E600

PANEL SCHEDULE - MDN

TYPE: SQUARE D SWBD
MOUNT: SURFACE
ISOLATED GROUND BUS: No
GROUND BUS: Yes
LOCATION: PD GARAGE 144

VOLTAGE: 120/208V 3P, 4W
BUS AMPACITY: 2000 A
MAIN CIRCUIT BKR: 1600 A
SUB FEED LUGS: No
AMPS AIC: AS REQUIRED

CKT. NO.	TRIP/P	DESCRIPTION	A		B		C		DESCRIPTION	TRIP/P	CKT. NO.
1			1137....	0.0 A							2
3	1200 A/3	Panel "MD"			1097....	0.0 A			FUTURE PHOTOVOLTAIC (ADJUSTABLE TRIP)	800 A/3	4
5							1123....	0.0 A			6
7	/1	SPACE	--	--					SPACE	/1	8
9	/1	SPACE			--	--			SPACE	/1	10
11	/1	SPACE					--	--	SPACE	/1	12
13	/1	SPACE	--	--					SPACE	/1	14
15	/1	SPACE			--	--			SPACE	/1	16
17	/1	SPACE					--	--	SPACE	/1	18
			136020 VA		131638 VA		134369 VA				
			1137 A		1097 A		1123.2 A				

NOTES:
PROVIDE 18" ADDITIONAL BREAKER MOUNTING SPACE

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
Lighting	18433 VA	125.00%	23041 VA		
Receptacles	80100 VA	56.24%	45050 VA	**Total Conn. Load:**	402026 VA
Misc.	38796 VA	100.00%	38796 VA	**Total Est. Demand:**	343736 VA
Other	448 VA	100.00%	448 VA	**Total Conn. Current:**	1115.9 A
Power	65696 VA	57.61%	37848 VA	**Total Est. Demand...**	954.1 A
Spare	8646 VA	100.00%	8646 VA		
HVAC	169029 VA	100.00%	169029 VA		
MISC	20880 VA	100.00%	20880 VA		

PANEL SCHEDULE - MD

TYPE: SQUARE D I-LINE
MOUNT: SURFACE
ISOLATED GROUND BUS: No
GROUND BUS: Yes
LOCATION: PD GARAGE 144

VOLTAGE: 120/208V 3P, 4W
BUS AMPACITY: 1200 A
MAIN CIRCUIT BKR: 1200 A
SUB FEED LUGS: No
AMPS AIC: AS REQUIRED

CKT. NO.	TRIP/P	DESCRIPTION	A		B		C		DESCRIPTION	TRIP/P	CKT. NO.
1			439.2 A	118.6 A							2
3	400 A/3	Panel "LA"			364.1 A	113.9 A			Panel "LD"	225 A/3	4
5							416.3 A	109.8 A			6
7			98.6 A	119.2 A							8
9	225 A/3	Panel "LB"			98.0 A	121.9 A			Panel "LF"	225 A/3	10
11							80.3 A	114.3 A			12
13			185.5 A	158.9 A							14
15	400 A/3	Panel "LC"			224.9 A	158.9 A			CCU-1 (HVAC)	200 A/3	16
17							228.3 A	158.9 A			18
19			0.0 A	24.0 A							20
21	225 A/3	SPARE (ADJUSTABLE TRIP)			0.0 A	24.0 A			GENSET LOAD CENTER	30 A/3	22
23							0.0 A	24.0 A			24
25			0.0 A	--					SPACE	/1	26
27	100 A/3	SPARE (ADJUSTABLE TRIP)			0.0 A	--			SPACE	/1	28
29							0.0 A	--	SPACE	/1	30
31			0.0 A	--					SPACE	/1	32
33	60 A/3	SPD			0.0 A	--			SPACE	/1	34
35							0.0 A	--	SPACE	/1	36
37	/1	SPACE	--	--					SPACE	/1	38
39	/1	SPACE			--	--			SPACE	/1	40
41	/1	SPACE					--	--	SPACE	/1	42
			136020 VA		131638 VA		134369 VA				
			1137 A		1097 A		1123.2 A				

NOTES:
PROVIDE 18" OF ADDITIONAL BREAKER MOUNTING SPACE

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
Lighting	18433 VA	125.00%	23041 VA		
Receptacles	80100 VA	56.24%	45050 VA	**Total Conn. Load:**	402026 VA
Misc.	38796 VA	100.00%	38796 VA	**Total Est. Demand:**	343736 VA
Other	448 VA	100.00%	448 VA	**Total Conn. Current:**	1115.9 A
Power	65696 VA	57.61%	37848 VA	**Total Est. Demand...**	954.1 A
Spare	8646 VA	100.00%	8646 VA		
HVAC	169029 VA	100.00%	169029 VA		
MISC	20880 VA	100.00%	20880 VA		

PANEL SCHEDULE - LA

TYPE: SQUARE D-NQ
MOUNT: SURFACE
ISOLATED GROUND BUS: No
GROUND BUS: Yes
LOCATION: IT 204

VOLTAGE: 120/208V 3P, 4W
BUS AMPACITY: 400 A
MAIN CIRCUIT BKR: No
SUB FEED LUGS: Yes
AMPS AIC: AS REQUIRED

CKT. NO.	TRIP/P	DESCRIPTION	A		B		C		DESCRIPTION	TRIP/P	CKT. NO.
1	20 A/1	Receptacles	4.5 A	5.1 A					Lighting	20 A/1	2
3	20 A/1	Receptacles			3.0 A	8.6 A			Lighting	20 A/1	4
5	20 A/1	Receptacles					3.0 A	8.4 A	Lighting	20 A/1	6
7	20 A/1	Receptacles	3.0 A	8.4 A					Lighting	20 A/1	8
9	20 A/1	Receptacles			3.0 A	5.6 A			Lighting	20 A/1	10
11	20 A/1	Receptacles					7.5 A	3.0 A	Receptacles	20 A/1	12
13	20 A/1	Receptacles	7.5 A	3.0 A					Receptacles	20 A/1	14
15	20 A/1	Receptacles			4.5 A	1.5 A			FAPS	20 A/1	16
17	20 A/1	Receptacles					6.0 A	24.0 A	Dryer	30 A/2	18
19	20 A/1	Receptacles	7.5 A	24.0 A							20
21	20 A/1	Receptacles			4.5 A	12.0 A			Extractor	20 A/1	22
23	20 A/1	Receptacles					6.0 A	45.0 A	ERU-1 (HVAC)	60 A/3	24
25	20 A/1	Receptacles	4.5 A	45.0 A							26
27	20 A/1	Receptacles			6.0 A	45.0 A					28
29	20 A/1	Receptacles					7.5 A	2.0 A	DF-1 (HVAC)	15 A/1	30
31	20 A/1	Washer	12.0 A	1.0 A					RAC-2 (HVAC)	15 A/2	32
33	20 A/1	Receptacles			3.0 A	1.0 A					34
35	20 A/1	Receptacles					7.5 A	7.8 A	HVLS-1 (HVAC)	15 A/3	36
37	20 A/1	Receptacles	3.0 A	7.8 A							38
39	20 A/1	Receptacles			4.5 A	7.8 A					40
41	20 A/1	Receptacles					3.0 A	22.0 A	OU-2 (HVAC)	40 A/2	42
43	20 A/1	Receptacles (GFI)	3.0 A	22.0 A							44
45	20 A/1	Receptacles (GFI)			3.0 A	1.5 A			Access Control Panel	20 A/1	46
47	20 A/1	Receptacles (GFI)					3.0 A	32.2 A	SCBA Compressor	60 A/3	48
49	20 A/1	Receptacles (GFI)	3.0 A	32.2 A							50
51	20 A/1	Receptacles			4.8 A	32.2 A					52
53	20 A/1	Receptacles					4.8 A	48.3 A	AC-1 Compressor	90 A/3	54
55	20 A/1	Receptacles	3.0 A	48.3 A							56
57	20 A/1	Receptacles			3.0 A	48.3 A					58
59	20 A/1	AIR DRYER					1.5 A	1.5 A	GWH-1	20 A/1	60
61	20 A/1	GWH-1	1.5 A	1.5 A					WS-1	20 A/1	62
63	20 A/1	Receptacles (GFI)			3.0 A	2.0 A			CP-1	20 A/1	64
65	20 A/1	Receptacles (GFI)					3.0 A	12.0 A	EWH-1 (HVAC)	20 A/1	66
67			17.7 A	12.0 A					EWH-2 (HVAC)	20 A/1	68
69	30 A/3	Hose Dryer			17.7 A	12.0 A			EWH-3 (HVAC)	20 A/1	70
71							17.7 A	12.0 A	EWH-5 (HVAC)	20 A/1	72
73			4.0 A	12.0 A					EWH-4 (HVAC)	20 A/1	74
75	15 A/3	OHD			4.0 A	12.0 A			EWH-6 (HVAC)	20 A/1	76
77							4.0 A	12.0 A	EWH-7 (HVAC)	20 A/1	78
79			4.0 A	12.0 A					EWH-8 (HVAC)	20 A/1	80
81	15 A/3	OHD			4.0 A	5.7 A			IP-3 (HVAC)	20 A/2	82
83							4.0 A	5.7 A			84
85			4.0 A	5.7 A					IP-4 (HVAC)	20 A/2	86
87	15 A/3	OHD			4.0 A	5.7 A					88
89							4.0 A	5.7 A	IP-5 (HVAC)	20 A/2	90
91	30 A/1	UPS	24.0 A	5.7 A							92
93	20 A/1	SPARE			0.0 A	5.7 A			IP-6 (HVAC)	20 A/2	94
95	20 A/1	SPARE					0.0 A	5.7 A			96
97	20 A/1	SPARE	0.0 A	0.0 A					SPD	30 A/3	98
99	20 A/1	SPARE			0.0 A	0.0 A					100
101	20 A/1	SPARE					0.0 A	0.0 A			102
103	20 A/1	SPARE	0.0 A	78.2 A					REVERSE OSMOSIS****	125 A/3	104
105	20 A/1	SPARE			0.0 A	78.2 A					106
107	20 A/1	SPARE					0.0 A	78.2 A			108
109			10.0 A								110
111	15 A/3	ERU-2			10.0 A						112
113							10.0 A				114
115											116
117											118
119											120
121											122
123											124
125											126
127											128
129											130
131											132
133											134
135											136
137											138
139											140
141											142
143											144
			51868 VA		43697 VA		49125 VA				
			439.2 A		364.1 A		416.3 A				

NOTES:

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
Lighting	4333 VA	125.00%	5416 VA		
Receptacles	20340 VA	74.58%	15170 VA	**Total Conn. Load:**	144691 VA
Misc.	7872 VA	100.00%	7872 VA	**Total Est. Demand:**	113656 VA
Power	63896 VA	57.83%	36948 VA	**Total Conn. Current:**	401.6 A
HVAC	40330 VA	100.00%	40330 VA	**Total Est. Demand...**	315.5 A
MISC	7920 VA	100.00%	7920 VA		

PANEL SCHEDULE - LB

TYPE: SQUARE D - NQ
MOUNT: SURFACE
ISOLATED GROUND BUS: No
GROUND BUS: Yes
LOCATION: STORAGE 120

VOLTAGE: 120/208V 3P, 4W
BUS AMPACITY: 225 A
MAIN CIRCUIT BKR: No
SUB FEED LUGS: Yes
AMPS AIC: AS REQUIRED

CKT. NO.	TRIP/P	DESCRIPTION	A		B		C		DESCRIPTION	TRIP/P	CKT. NO.
1			4.0 A	8.4 A					Lighting	20 A/1	2
3	15 A/3	OHD			4.0 A	8.4 A			Lighting	20 A/1	4
5							4.0 A	3.3 A	Lighting	20 A/1	6
7			4.0 A	7.6 A					Lighting	20 A/1	8
9	15 A/3	OHD			4.0 A	3.7 A			Lighting	20 A/1	10
11							4.0 A	9.0 A	Receptacles	20 A/1	12
13			4.0 A	9.0 A					Receptacles	20 A/1	14
15	15 A/3	OHD			4.0 A	12.0 A			Receptacles	20 A/1	16
17							4.0 A	4.5 A	Receptacles	20 A/1	18
19			4.0 A	6.0 A					Receptacles	20 A/1	20
21	15 A/3	OHD			4.0 A	7.5 A			Receptacles	20 A/1	22
23							4.0 A	6.0 A	Receptacles	20 A/1	24
25			4.0 A	6.0 A					Receptacles	20 A/1	26
27	15 A/3	OHD			4.0 A	6.0 A			Receptacles	20 A/1	28
29							4.0 A	1.5 A	Receptacles (GFI)	20 A/1	30
31			4.0 A	7.5 A					Receptacles	20 A/1	32
33	15 A/3	OHD			4.0 A	7.8 A					34
35							4.0 A	7.8 A	HVLS-2 (HVAC)	15 A/3	36
37	20 A/1	Receptacles	3.0 A	7.8 A							38
39	20 A/1	Receptacles			4.5 A	5.7 A			IP-1 (HVAC)	20 A/2	40
41	20 A/1	Receptacles (GFI)					3.0 A	5.7 A			42
43	20 A/1	Receptacles (GFI)	3.0 A	5.7 A					IP-2 (HVAC)	20 A/2	44
45	20 A/1	Receptacles (GFI)			3.0 A	5.7 A					46
47	20 A/1	Receptacles (GFI)					3.0 A	5.8 A	CH-1 (HVAC)	15 A/1	48
49	20 A/1	Receptacles (GFI)	3.0 A	0.0 A					SPARE	20 A/1	50
51	20 A/1	Receptacles			3.0 A	0.0 A			SPARE	20 A/1	52
53	20 A/1	Receptacles					4.5 A	0.0 A	SPARE	20 A/1	54
55	20 A/1	Receptacles (GFI)	3.0 A	0.0 A					SPARE	20 A/1	56
57	20 A/1	Receptacles			3.0 A	0.0 A			SPARE	20 A/1	58
59	20 A/1	Receptacles					3.0 A	0.0 A	SPARE	20 A/1	60
61	20 A/1	Receptacles	3.0 A	0.0 A					SPARE	20 A/1	62
63	20 A/1	Receptacles			3.0 A	0.0 A			SPARE	20 A/1	64
65								0.0 A	SPARE	20 A/1	66
67				0.0 A					SPARE	20 A/1	68
69											70
71											72
73											74
75											76
77											78
79											80
81											82
83											84
			11549 VA		11481 VA		9633 VA				
			98.6 A		98 A		80.3 A				

NOTES:
TWO 42 CIRCUIT TUBS - SUB FEED LUGS IN FIRST TUB TO FEED SECOND TUB

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
Lighting	3316 VA	125.00%	4145 VA		
Receptacles	14400 VA	84.72%	12200 VA	**Total Conn. Load:**	32662 VA
Other	448 VA	100.00%	448 VA	**Total Est. Demand:**	31291 VA
HVAC	5858 VA	100.00%	5858 VA	**Total Conn. Current:**	90.7 A
MISC	8640 VA	100.00%	8640 VA	**Total Est. Demand...**	86.9 A

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Checked By	LG
Drawn By	MP
Project Status	**Issue Date**
FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

PANEL SCHEDULES

E601

PANEL SCHEDULE - LC

TYPE: SQUARE D - NQ
MOUNT: SURFACE
ISOLATED GROUND BUS: No
GROUND BUS: Yes
LOCATION: IT 169
VOLTAGE: 120/208V 3P, 4W
BUS AMPACITY: 400 A
MAIN CIRCUIT BKR: No
SUB FEED LUGS: Yes
AMPS AIC: AS REQUIRED

CKT. NO.	TRIP/P	DESCRIPTION	A		B		C		DESCRIPTION	TRIP/P	CKT. NO.
1	20 A/1	Receptacles	7.5 A	3.8 A					Lighting	20 A/1	2
3	20 A/1	Receptacles			9.0 A	12.7 A			Lighting	20 A/1	4
5	20 A/1	Receptacles (GFI)					1.5 A	8.6 A	Lighting	20 A/1	6
7	20 A/1	Receptacles	5.2 A	5.3 A					Lighting	20 A/1	8
9	20 A/1	Receptacles			6.0 A	7.6 A			Lighting	20 A/1	10
11	20 A/1	Receptacles					3.0 A	6.1 A	Lighting	20 A/1	12
13	20 A/1	Receptacles (GFI)	1.5 A	8.0 A					Lighting	20 A/1	14
15	20 A/1	Receptacles			6.0 A	1.5 A			Receptacles	20 A/1	16
17	20 A/1	Receptacles					10.5 A	6.0 A	Receptacles	20 A/1	18
19	20 A/1	Receptacles	6.0 A	1.5 A					Power	20 A/1	20
21	20 A/1	Receptacles			6.0 A	3.0 A			Receptacles	20 A/1	22
23	20 A/1	Receptacles					3.0 A	1.5 A	Receptacles	20 A/1	24
25	20 A/1	Washer	1.5 A	3.0 A					Receptacles	20 A/1	26
27	20 A/1	Receptacles			3.0 A	7.5 A			Receptacles	20 A/1	28
29	20 A/1	Receptacles					1.5 A	7.8 A			30
31	20 A/1	Receptacles	7.5 A	7.8 A					RE-1 (HVAC)	15 A/3	32
33	20 A/1	Receptacles			3.0 A	7.8 A					34
35	20 A/1	Receptacles					6.0 A	7.8 A			36
37	20 A/1	Receptacles	4.5 A	7.8 A					RE-2 (HVAC)	15 A/3	38
39	20 A/1	Receptacles			1.5 A	7.8 A					40
41	20 A/1	Receptacles					3.0 A	9.8 A	RE-3 (HVAC)	20 A/1	42
43	20 A/1	Power	1.5 A	4.4 A					RE-5 (HVAC)	15 A/1	44
45	20 A/1	Receptacles			6.0 A	5.8 A			RE-7 (HVAC)	15 A/1	46
47	20 A/1	Receptacles					1.5 A	5.8 A	RE-8 (HVAC)	15 A/1	48
49	20 A/1	Receptacles	4.5 A	5.8 A					RE-9 (HVAC)	15 A/1	50
51	20 A/1	Receptacles			3.0 A	0.1 A			RH-1 (HVAC)	15 A/1	52
53	20 A/1	Receptacles					3.0 A	22.0 A	OU-1 (HVAC)	40 A/2	54
55	20 A/1	Receptacles (GFI)	1.5 A	22.0 A							56
57	20 A/1	Receptacles			1.5 A	1.0 A			RAC-1 (HVAC)	15 A/2	58
59	20 A/1	Receptacles					1.5 A	1.0 A			60
61	20 A/1	Receptacles	4.5 A	1.5 A					Refrigerator (GFI)	20 A/1	62
63	20 A/1	Receptacles			4.5 A	1.5 A			Freezer (GFI)	20 A/1	64
65	20 A/1	Receptacles					9.0 A	1.5 A	FACP	20 A/1	66
67	20 A/1	Receptacles	4.5 A	1.5 A					Fume Hood	20 A/1	68
69	20 A/1	Receptacles			1.5 A	24.0 A			Radio System UPS	30 A/1	70
71	20 A/1	Receptacles					3.0 A	1.5 A	Power	20 A/1	72
73	20 A/1	Receptacles	3.0 A	1.5 A					Power	20 A/1	74
75	20 A/1	Receptacles			1.5 A	24.0 A			UPS	30 A/1	76
77	20 A/1	Receptacles					3.0 A	24.0 A	UPS	30 A/1	78
79	20 A/1	Receptacles	3.0 A	1.5 A					Receptacles	20 A/1	80
81	20 A/1	Receptacles			4.5 A	3.0 A			Receptacles	20 A/1	82
83	20 A/1	Receptacles					10.5 A	1.5 A	Range	20 A/1	84
85	20 A/1	Receptacles	3.0 A	1.5 A					Dishwasher (GFI)	20 A/1	86
87	20 A/1	Receptacles			3.0 A	3.0 A			Receptacles	20 A/1	88
89	20 A/1	Receptacles					3.0 A	3.0 A	Receptacles	20 A/1	90
91	20 A/1	Receptacles	3.0 A	3.0 A					Receptacles	20 A/1	92
93	20 A/1	Receptacles			3.0 A	4.5 A			Motor Op Shades	20 A/1	94
95	20 A/1	Receptacles					3.0 A	24.0 A	Dryer	30 A/2	96
97	20 A/1	Receptacles	3.0 A	24.0 A							98
99	20 A/1	Receptacles			12.0 A	0.0 A			SPARE	20 A/1	100
101	20 A/1	Receptacles					9.0 A	0.0 A	SPARE	20 A/1	102
103	20 A/1	Receptacles	10.5 A	0.0 A					SPARE	20 A/1	104
105	20 A/1	Receptacles			12.0 A	0.0 A			SPARE	20 A/1	106
107	20 A/1	Receptacles					10.5 A	0.0 A	SPARE	20 A/1	108
109	20 A/1	Receptacles	4.5 A	0.0 A					SPARE	20 A/1	110
111	20 A/1	Receptacles			7.5 A	0.0 A			SPARE	20 A/1	112
113	20 A/1	Receptacles					4.5 A	0.0 A	SPARE	20 A/1	114
115	20 A/1	Receptacles	3.0 A	0.0 A					SPARE	20 A/1	116
117	20 A/1	Receptacles			3.0 A	0.0 A			SPARE	20 A/1	118
119	20 A/1	Receptacles					3.0 A				120
121	20 A/1	Receptacles	3.0 A								122
123	20 A/1	Receptacles			7.5 A						124
125	20 A/1	Receptacles					4.5 A				126
127	20 A/1	Reader Board	1.5 A								128
129					0.0 A						130
131	30 A/3	SPD					0.0 A				132
133			0.0 A								134
135											136
137											138
139											140
141											142
143											144
			22261 VA		26356 VA		26769 VA				
			185.5 A		224.9 A		228.3 A				

NOTES:
TWO 72 CIRCUIT TUBS - SUB FEED LUGS IN FIRST TUB TO FEED SECOND TUB

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
Lighting	6249 VA	125.00%	7811 VA		
Receptacles	39600 VA	62.63%	24800 VA	**Total Conn. Load:**	75387 VA
Misc.	13632 VA	100.00%	13632 VA	**Total Est. Demand:**	62149 VA
Power	1620 VA	100.00%	1620 VA	**Total Conn. Current:**	209.3 A
HVAC	14286 VA	100.00%	14286 VA	**Total Est. Demand...**	172.5 A

PANEL SCHEDULE - LD

TYPE: SQUARE D - NQ
MOUNT: SURFACE
ISOLATED GROUND BUS: No
GROUND BUS: Yes
LOCATION: PD GARAGE 144
VOLTAGE: 120/208V 3P, 4W
BUS AMPACITY: 225 A
MAIN CIRCUIT BKR: No
SUB FEED LUGS: No
AMPS AIC: AS REQUIRED

CKT. NO.	TRIP/P	DESCRIPTION	A		B		C		DESCRIPTION	TRIP/P	CKT. NO.
1			4.0 A	9.8 A					Lighting	20 A/1	2
3	15 A/3	OHD			4.0 A	8.4 A			Lighting	20 A/1	4
5							4.0 A	8.4 A	Lighting	20 A/1	6
7			4.0 A	4.4 A					RE-6 (HVAC)	15 A/1	8
9	15 A/3	OHD			4.0 A	0.3 A			DS-1,DS-2,DS-3,DS-4 (HVAC)	15 A/1	10
11							4.0 A	31.0 A			12
13			4.0 A	31.0 A					RERU-2 (HVAC)	45 A/3	14
15	15 A/3	OHD			4.0 A	31.0 A					16
17							4.0 A	2.0 A	DF-2 (HVAC)	15 A/1	18
19	20 A/1	Receptacles	3.8 A	48.0 A							20
21	20 A/1	Receptacles			5.3 A	48.0 A			FUTURE EV CHARGER	60 A/3	22
23	20 A/1	Receptacles					4.5 A	48.0 A			24
25	20 A/1	Receptacles	4.5 A	0.0 A					SPARE	20 A/1	26
27	20 A/1	Receptacles			3.8 A	0.0 A			SPARE	20 A/1	28
29	20 A/1	Receptacles					3.8 A	0.0 A	SPARE	20 A/1	30
31	20 A/1	Receptacles	4.5 A	0.0 A					SPARE	20 A/1	32
33	20 A/1	Receptacles			4.5 A	0.0 A			SPARE	20 A/1	34
35								0.0 A	SPARE	20 A/1	36
37				0.0 A					SPARE	20 A/1	38
39						0.0 A			SPARE	20 A/1	40
41								0.0 A	SPARE	20 A/1	42
			14167 VA		13607 VA		13171 VA				
			118.6 A		113.9 A		109.8 A				

NOTES:
42 CIRCUIT SINGLE TUB

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
Lighting	3192 VA	125.00%	3990 VA		
Receptacles	3780 VA	100.00%	3780 VA	**Total Conn. Load:**	40944 VA
Misc.	17292 VA	100.00%	17292 VA	**Total Est. Demand:**	41742 VA
HVAC	12360 VA	100.00%	12360 VA	**Total Conn. Current:**	113.6 A
MISC	4320 VA	100.00%	4320 VA	**Total Est. Demand...**	115.9 A

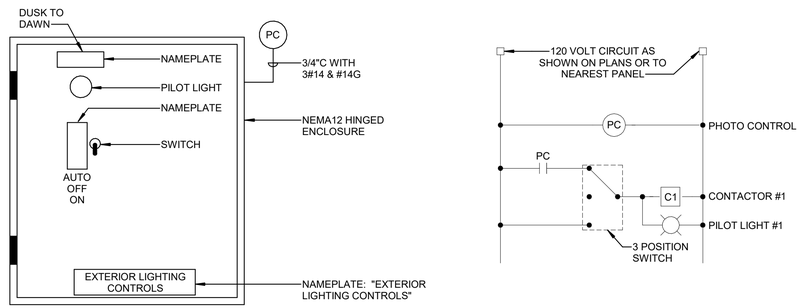
PANEL SCHEDULE - LF

TYPE: SQUARE D - NQ
MOUNT: SURFACE
ISOLATED GROUND BUS: No
GROUND BUS: Yes
LOCATION: MEZZANINE 201
VOLTAGE: 120/208V 3P, 4W
BUS AMPACITY: 225 A
MAIN CIRCUIT BKR: No
SUB FEED LUGS: No
AMPS AIC: AS REQUIRED

CKT. NO.	TRIP/P	DESCRIPTION	A		B		C		DESCRIPTION	TRIP/P	CKT. NO.
1	20 A/1	Receptacles	6.0 A	3.8 A					Lighting	20 A/1	2
3	20 A/1	Receptacles			6.8 A	62.1 A					4
5	25 A/1	B-1 (HVAC)					13.0 A	62.1 A	AHU-1 (HVAC)	100 A/3	6
7	15 A/1	GFS-1 (HVAC)	1.0 A	62.1 A							8
9	20 A/1	Lighting			0.3 A	13.0 A			B-2 (HVAC)	25 A/1	10
11	20 A/1	Lighting Controls					1.5 A	17.5 A			12
13	20 A/1	Radio System Filter	3.0 A	17.5 A					P-1 (HVAC)	35 A/3	14
15	20 A/1	Site Lighting			4.5 A	17.5 A					16
17	20 A/1	Exterior Lighting					1.2 A	17.5 A			18
19	15 A/1	RE-4 (HVAC)	5.8 A	17.5 A					P-2 (HVAC)	35 A/3	20
21					0.0 A	17.5 A					22
23	30 A/3	SPD					0.0 A	1.5 A	Monument Sign	20 A/1	24
25			0.0 A	1.8 A					Exterior Lighting	20 A/1	26
27	20 A/1	SPARE			0.0 A						28
29	20 A/1	SPARE					0.0 A				30
31	20 A/1	SPARE	0.0 A								32
33	20 A/1	SPARE			0.0 A						34
35	20 A/1	SPARE					0.0 A				36
37	20 A/1	SPARE	0.0 A								38
39	20 A/1	SPARE			0.0 A						40
41	20 A/1	SPARE					0.0 A				42
			14221 VA		14545 VA		13717 VA				
			119.2 A		121.9 A		114.3 A				

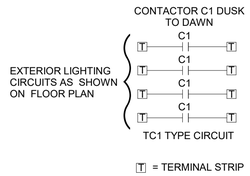
NOTES:
42 CIRCUIT SINGLE TUB

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
Lighting	1362 VA	125.00%	1702 VA		
Receptacles	1980 VA	100.00%	1980 VA	**Total Conn. Load:**	42482 VA
Power	180 VA	100.00%	180 VA	**Total Est. Demand:**	42818 VA
HVAC	38980 VA	100.00%	38980 VA	**Total Conn. Current:**	117.9 A
				Total Est. Demand...	118.9 A



COMPONENTS:

PHOTOCONTROL:	INTERMATIC EK4236S MOUNT WHERE SHOWN ON FLOOR PLANS, OR IF NOT SHOWN, ON NORTH SIDE OF BUILDING.
CONTACTORS:	"SQUARE D" 8903-L040-V02 MINIMUM CONFIGURATION, PROVIDE ADDITIONAL CONTACTOR POLES IF REQUIRED.
PILOT LIGHTS:	120 VOLT LED TYPE. PROVIDE ENGRAVED LABEL INDICATING "DUSK TO DAWN"
3-POSITION: SWITCHES	CENTER OFF TYPE, HEAVY DUTY TOGGLE SWITCH. PROVIDE ENGRAVED LABEL FOR EACH SWITCH "AUTO-OFF-ON".



1 / E602 EXTERIOR LIGHTING CONTROLS
SCALE: NTS

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PUBLIC SAFETY FACILITY
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PRAIRIE DU CHIEN, WI

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SEH Project PDCAR 177629
Checked By LG
Drawn By MP

Project Status FOR CONSTRUCTION
Issue Date 1/26/2026

REVISION SCHEDULE

REV. #	DESCRIPTION	DATE

PANEL SCHEDULES

E602

HVAC EQUIPMENT ELECTRICAL SCHEDULE

LOAD NAME	FLA	BREAKER	VOLTAGE	POLES	PANEL	WIRE (CU)	NOTES
AHU-1 (HVAC)	62 A	100 A	208 V	3	LF	3#3 #8G IN 1 1/4"C	1
B-1 (HVAC)	13 A	25 A	120 V	1	LF	2#10 #10G IN 3/4"C	
B-2 (HVAC)	13 A	25 A	120 V	1	LF	2#10 #10G IN 3/4"C	
CCU-1 (HVAC)	158.8 A	200 A	208 V	3	MD	3#3/0 #6G IN 2"C	2
CH-1 (HVAC)	5.8 A	15 A	120 V	1	LB	2#12 #12G IN 3/4"C	
DF-1 (HVAC)	2 A	15 A	120 V	1	LA	2#12 #12G IN 3/4"C	
DF-2 (HVAC)	2 A	15 A	120 V	1	LD	2#12 #12G IN 3/4"C	
DS-1,DS-2,DS-3,DS-4 (HVAC)	0.3 A	15 A	120 V	1	LD	2#12 #12G IN 3/4"C	
ERU-1 (HVAC)	45 A	60 A	208 V	3	LA	3#6 #10G IN 3/4"C	1
EWH-1 (HVAC)	12 A	20 A	120 V	1	LA	2#12 #12G IN 3/4"C	
EWH-2 (HVAC)	12 A	20 A	120 V	1	LA	2#12 #12G IN 3/4"C	
EWH-3 (HVAC)	12 A	20 A	120 V	1	LA	2#12 #12G IN 3/4"C	
EWH-4 (HVAC)	12 A	20 A	120 V	1	LA	2#12 #12G IN 3/4"C	
EWH-5 (HVAC)	12 A	20 A	120 V	1	LA	2#12 #12G IN 3/4"C	
EWH-6 (HVAC)	12 A	20 A	120 V	1	LA	2#12 #12G IN 3/4"C	
EWH-7 (HVAC)	12 A	20 A	120 V	1	LA	2#12 #12G IN 3/4"C	
EWH-8 (HVAC)	12 A	20 A	120 V	1	LA	2#12 #12G IN 3/4"C	
GFS-1 (HVAC)	1 A	15 A	120 V	1	LF	2#12 #12G IN 3/4"C	
HVLS-1 (HVAC)	7.8 A	15 A	208 V	3	LA	3#12 #12G IN 3/4"C	
HVLS-2 (HVAC)	7.8 A	15 A	208 V	3	LB	3#12 #12G IN 3/4"C	
IP-1 (HVAC)	5.7 A	20 A	208 V	2	LB	2#12 #12G IN 3/4"C	
IP-2 (HVAC)	5.7 A	20 A	208 V	2	LB	2#12 #12G IN 3/4"C	
IP-3 (HVAC)	5.7 A	20 A	208 V	2	LA	2#12 #12G IN 3/4"C	
IP-4 (HVAC)	5.7 A	20 A	208 V	2	LA	2#12 #12G IN 3/4"C	
IP-5 (HVAC)	5.7 A	20 A	208 V	2	LA	2#12 #12G IN 3/4"C	
IP-6 (HVAC)	5.7 A	20 A	208 V	2	LA	2#12 #12G IN 3/4"C	
OU-1 (HVAC)	22 A	40 A	208 V	2	LC	2#8 #10G IN 3/4"C	2,4
OU-2 (HVAC)	22 A	40 A	208 V	2	LA	2#8 #10G IN 3/4"C	2,4
P-1 (HVAC)	17.5 A	35 A	208 V	3	LF	3#8 #10G IN 3/4"C	1
P-2 (HVAC)	17.5 A	35 A	208 V	3	LF	3#8 #10G IN 3/4"C	1
RAC-1 (HVAC)	1 A	15 A	208 V	2	LC	2#12 #12G IN 3/4"C	4
RAC-2 (HVAC)	1 A	15 A	208 V	2	LA	2#12 #12G IN 3/4"C	4
RE-1 (HVAC)	7.8 A	15 A	208 V	3	LC	3#12 #12G IN 3/4"C	
RE-2 (HVAC)	7.8 A	15 A	208 V	3	LC	3#12 #12G IN 3/4"C	
RE-3 (HVAC)	9.8 A	20 A	120 V	1	LC	2#12 #12G IN 3/4"C	
RE-4 (HVAC)	5.8 A	15 A	120 V	1	LF	2#12 #12G IN 3/4"C	
RE-5 (HVAC)	4.4 A	15 A	120 V	1	LC	2#12 #12G IN 3/4"C	
RE-6 (HVAC)	4.4 A	15 A	120 V	1	LD	2#12 #12G IN 3/4"C	
RE-7 (HVAC)	5.8 A	15 A	120 V	1	LC	2#12 #12G IN 3/4"C	
RE-8 (HVAC)	5.8 A	15 A	120 V	1	LC	2#12 #12G IN 3/4"C	
RE-9 (HVAC)	5.8 A	15 A	120 V	1	LC	2#12 #12G IN 3/4"C	
RERU-2 (HVAC)	31 A	45 A	208 V	3	LD	3#8 #10G IN 3/4"C	1,2
RH-1 (HVAC)	0.1 A	15 A	120 V	1	LC	2#12 #12G IN 3/4"C	

GENERAL NOTES
1. SEE HVAC PLANS FOR STARTER REQUIREMENTS.
2. SEE HVAC PLANS FOR LOCATIONS OF ALL HVAC EQUIPMENT.
3. PROVIDE ALL DISCONNECTS REQUIRED BY CODE.
4. ALL CONDUCTORS SHALL BE COPPER.
5. REFER TO FLOOR PLANS FOR CIRCUITING OF CEILING EXHAUST FANS (CE-#) AND UNIT HEATERS (UH-#).

REMARKS NOTES
1. HVAC CONTRACTOR TO SUPPLY VFD FOR THIS UNIT. E.C. TO INSTALL.
2. PROVIDE WP/GFI DUPLEX RECEPTACLE ON ROOF WITHIN 20' OF EQUIPMENT PER NEC. CONNECT TO POWER CIRCUIT FEEDING NEAREST RECEPTACLES.
3. NOT USED.
4. INTERCONNECT RAC AND OU OF SAME NUMBER PER MANUFACTURERS REQUIREMENTS.

PRAIRE DU CHIEN PUBLIC SAFETY FACILITY FIXTURE SCHEDULE

TYPE	DESCRIPTION	LAMP TYPE	LAMP QTY.	MANUFACTURER	CATALOG NUMBER	NOTE
A2	2'x4' RECESSED GRID LED ARCHITECTURAL LENS TROFFER	30.7W LED/840 3,993 LUMENS	W/ UNIT	METALUX	24CZ-LD5-40-UNV-L840-CD1	
				LITHONIA	2BLT4 40L ADP GZ10 LP840	
A2E	2'x4' RECESSED GRID LED ARCHITECTURAL LENS TROFFER - BATTERY	30.7W LED/840 3,993 LUMENS	W/ UNIT	METALUX	24CZ-LD5-40-UNV-EL14W-L840-CD1	
				LITHONIA	2BLT4 40L ADP GZ10 LP840-EL14L	
A3	2'x4' RECESSED GRID LED ARCHITECTURAL LENS TROFFER	38.6W LED/840 4,976 LUMENS	W/ UNIT	METALUX	24CZ-LD5-50-UNV-L840-CD1	
				LITHONIA	2BLT4 48L ADP GZ10 LP840	
A3E	2'x4' RECESSED GRID LED ARCHITECTURAL LENS TROFFER -BATTERY	38.6W LED/840 4,976 LUMENS	W/ UNIT	METALUX	24CZ-LD5-50-UNV-EL14W-L840-CD1	
				LITHONIA	2BLT4 48L ADP GZ10 LP840-EL14L	
B2	1'x4' RECESSED GRID LED ARCHITECTURAL LENS TROFFER	27.3W LED/840 4,006 LUMENS	W/ UNIT	METALUX	14CZ-LD5-29-UNV-L840-CD1-U	
				LITHONIA	BLT4-30L-ADP-GZ10-LP840	
C2	2'x2' RECESSED GRID LED ARCHITECTURAL LENS TROFFER	40W LED/840 4,800 LUMENS	W/ UNIT	METALUX	22CZ-LD5-44-UNV-L840-CD1	
				LITHONIA	2BLT2 48L ADP GZ10 LP840	
C2E	2'x2' RECESSED GRID LED ARCHITECTURAL LENS TROFFER - BATTERY	40W LED/840 4,800 LUMENS	W/ UNIT	METALUX	22CZ-LD5-44-UNV-EL14W-L840-CD1	
				LITHONIA	2BLT2 48L ADP GZ10 LP840 EL14L	
D4	4' LED BASE STRIPLIGHT - WIREGUARD - AIRCRAFT CABLE	27.7W LED/840 4,004 LUMENS	W/ UNIT	METALUX	4SNLED-LD5-40SL-UNV-L840-CD1-WG/SNF-4FT	
				LITHONIA	CLX-L48-5000LM-RDL-MVOLT-40K-80CRI-WH-ZACVH-WGCLX48WH	
D4E	4' LED BASE STRIPLIGHT - WIREGUARD - AIRCRAFT CABLE - BATTERY	27.7W LED/840 4,004 LUMENS	W/ UNIT	METALUX	4SNLED-LD5-40SL-UNV-EL14W-L840-CD1-WG/SNF-4FT	
				LITHONIA	CLX-L48-5000LM-RDL-MVOLT-40K-80CRI-E10W-WH-ZACVH-WGCLX48WH	
D7	4' LED SURFACE WRAPAROUND	44W LED/840 4,424 LUMENS	W/ UNIT	METALUX	4WSNLED-LD4-44SL-F-UNV-L840-CD1	
				LITHONIA	SBL4 4800LM 80CRI 40K MIN10 GZT MVOLT	
D7E	4' LED SURFACE WRAPAROUND - BATTERY	44W LED/840 4,424 LUMENS	W/ UNIT	METALUX	4WSNLED-LD4-44SL-F-UNV-L840-EL14W-CD1	
				LITHONIA	SBL4 4800LM 80CRI 40K MIN10 GZT MVOLT EL14L	
D8	8' LED SURFACE WRAPAROUND	88W LED/840 12,320 LUMENS	W/ UNIT	METALUX	8-ILED-LD5-10-W-FL-UNV-L840-CD1	
				LITHONIA	UFIT-L96-12000LM-SEF-MVOLT-GZ10-40K-80CRI-WH	
D9	4' LED SURFACE WRAPAROUND WET	37W LED/840 5,978 LUMENS	W/ UNIT	METALUX	4VT2-LD5-6-DR-UNV-L840-CD1-WL-SSL-U-VT2-SS	
				LITHONIA	FEM-L48-6000LM-LPAFL-MD-MVOLT-GZ10-40K-80CRI-STSL	
H2	LED WALL PACK - FORWARD THROW	18W LED/840 2,000 LUMENS	W/ UNIT	MCGRAW-EDISON	IST-SA1-A-740-U-T4FT-XX	1
				LITHONIA	WDGE2 LED-P2-40K-80CRI-TFTM-MVOLT-SRM-XX	
H2M	LED WALL PACK - FORWARD THROW - INTERNAL MOTION SENSOR	18W LED/840 2,000 LUMENS	W/ UNIT	MCGRAW-EDISON	IST-SA1-A-740-U-T4FT-XX-MS/DIM-L20	1,5
				LITHONIA	WDGE2 LED-P2-40K-80CRI-TFTM-MVOLT-SRM-PIR-XX	
H3	LED WALL PACK - FORWARD THROW	19W LED/840 2,115 LUMENS	W/ UNIT	MCGRAW-EDISON	GWS-SA1-A-740-U-T4FT-XX	1
				LITHONIA	DSXW1 LED-P2-40K-70CRI-T4M-MVOLT-SRM-XX	
H4	LED WALL PACK - FORWARD THROW	36W LED/840 3,987 LUMENS	W/ UNIT	MCGRAW-EDISON	GWS-SA1-C-740-U-T4FT-XX	1
				LITHONIA	DSXW2 LED-P4-70CRI-40K-TFTM-MVOLT-SRM-XX	
H4M	LED WALL PACK - FORWARD THROW - INTERNAL MOTION SENSOR	36W LED/840 3,987 LUMENS	W/ UNIT	MCGRAW-EDISON	GWS-SA1-C-740-U-T4FT-XX-DIM10-L20	1,5
				LITHONIA	DSXW2 LED-P4-70CRI-40K-TFTM-MVOLT-SRM-PIR1FC3V-XX	
H7	EXTERIOR LED WALL MOUNT	30W LED/840 3,009 LUMENS	W/ UNIT	BARTCO	BSW225-3-40-RD-R-WD-SN-XX	1
				LUMINAIRE	BLD-36IN-MIN1-2DRV-30W-40K-MVOLT-DP-XX	
I24	24' LED A.C. HUNG DIRECT/INDIRECT	199W LED/840 26,784 LUMENS	W/ UNIT	PRUDENTIAL	PRO4IN-FLSH-LED4-SO-24'-XX-LGP/SYM-SC-UNV-CA48-DM01	1,2
				MARK	S4PID-LLP-24FT-MSL8-80CRI-40K-800LMF-I80CRI-I40K-I300LMF-MIN1-FLL-MVOLT-XX-FX/36A-RDCY-XX-XX	
I24E	24' LED A.C. HUNG DIRECT/INDIRECT - BATTERY	199W LED/840 26,784 LUMENS	W/ UNIT	PRUDENTIAL	PRO4IN-FLSH-LED4-SO-24'-XX-LGP/SYM-SC-UNV-CA48-DM01-EMHE	1,2
				MARK	S4PID-LLP-24FT-MSL8-80CRI-40K-800LMF-I80CRI-I40K-I300LMF-MIN1-FLL-MVOLT-XX-2E10WLCP-FX/36A-RDCY-XX-XX	
J1	8' LED LINEAR BAY INDUSTRIAL - WIDE BEAM - CLEAR ACRYLIC LENS - CABLE SUSPENDED	168W LED/840 22,036 LUMENS	W/ UNIT	METALUX	8-ILED-LD5-22-W-CL-UNV-L840-CD2-TOGGLE	2
				LITHONIA	UFIT-20000LM-SEF-MVOLT-GZ10-40K-80CRI-WH-IBAC120-M100	
J1E	8' LED LINEAR BAY INDUSTRIAL - WIDE BEAM - CLEAR ACRYLIC LENS - CABLE SUSPENDED - BATTERY	168W LED/840 22,036 LUMENS	W/ UNIT	METALUX	8-ILED-LD5-22-W-CL-UNV-L840-EL14W-CD2-TOGGLE	2
				LITHONIA	UFIT-20000LM-SEF-MVOLT-GZ10-40K-80CRI-WH/ILB-CP10-HE-A-IBAC120-M100	
K1	6" ROUND LED RECESSED DOWNLIGHT - WIDE BEAM - SPECULAR CLEAR - SHOWER	14.7W LED/840 1,471 LUMENS	W/ UNIT	PORTFOLIO	LD6B-10-D010-EU6B1020-80-40-6LB-PS1MW-LGSKT6IP66	4
				VANTAGE	V6OFCRU-1540K-F6019-ADM	
K2	6" ROUND LED RECESSED DOWNLIGHT - WIDE BEAM - SPECULAR CLEAR - OPEN	22.2W LED/840 2,000 LUMENS	W/ UNIT	PORTFOLIO	LD6C-20-90-40-D010-W-0-LI	4
				VANTAGE	A6VOCLED-1-20-40K-C600-SGC-WE-WHT-NCFIC	
K2E	6" ROUND LED RECESSED DOWNLIGHT - WIDE BEAM - SPECULAR CLEAR - OPEN - EM BATTERY	22.2W LED/840 2,000 LUMENS	W/ UNIT	PORTFOLIO	LD6C-20-90-40-D010-W-0-LI-IEM14	4
				VANTAGE	A6VOCLED-1-20-40K-C600-SGC-WE-WHT-NCFIC-EM	
V2	2'X4' RECESSED VANDAL RESISTANT LED	45W LED/840 4,642 LUMENS	W/ UNIT	FAILSAFE	GR-V-24-4-FA-LD4-48-40-P125-UNV-ED1D1-SL	
				KENALL	RMCD-4-TG-1-45L40K-DCC-1	
Y14	SINGLE AREA LIGHT W/ 20' SQUARE POLE - FORWARD THROW	181W LED/840 24,440 LUMENS	W/ UNIT	MCGRAW EDISON	GALN-SA-3-D-840-U-T4FT-QU-XX/SSS-4-M-20-S-XX-M-1	1
				LITHONIA	DSX2LED-P2-40K-80CRI-TFTM-MVOLT-SPA-XX/SSS-20'-4G-DM19AS-XX	
Y5	ROOF MOUNTED FLAG POLE LIGHT W/SLIPFITTER	94W LED/740 6,590 LUMENS	W/ UNIT	INVUE	VFS-K-B40-7-LED-E1-MST-XX/SF-XX	1
				LITHONIA	DSXF2-LED-P1-40K-MSP-MVOLT-IS	
⊗	WHITE THERMOPLASTIC EXIT LIGHT - BATTERY - UNIVERSAL FACE	RED LED	W/ UNIT	SURE-LITES	LPX-7-SD	3
				LITHONIA	LQM S W 3 R MVOLT EL N SD	
INV	EMERGENCY EGRESS LIGHTING INVERTER		W/ UNIT	SURE-LITES	INVM-350-W	
				ISOLITE	E3-300-LC-V1-WB	

GENERAL NOTES:
1. ALL FIXTURES SHALL BE UNIVERSAL VOLTAGE UNLESS OTHERWISE NOTED.
2. SEE SPECIFICATION 26 51 13 AND 26 56 29 FOR ADDITIONAL REQUIREMENTS.
3. PROVIDE 5 YEAR WARRANTY ON ALL FIXTURES AND COMPONENTS.

SCHEDULE NOTES:
1. ARCHITECT TO SELECT FINISH FROM STANDARD AVAILABLE AND RAL COLOR CHART.
2. PROVIDE CABLE FOR SUSPENSION AS REQUIRED TO MOUNT AT HEIGHT INDICATED ON LIGHTING PLANS.
3. PROVIDE ALL NECESSARY MOUNTING CANOPIES.
4. VERIFY TRIM RING COLOR WITH ARCHITECT FROM ALL STANDARD OPTIONS PRIOR TO ORDERING.
5. PROVIDE HAND HELD REMOTE FOR PROGRAMMING OF MOTION SENSOR.

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FOR CONSTRUCTION	1/26/2026

REVISION SCHEDULE

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FIXTURE SCHEDULE AND HVAC SCHEDULE

E700