LOCATION MAP

USDA CENTER
S1587 SHAWNEE DRIVE
ALMA, WI 54610

COUNTY:
BUFFALO

LEGAL DESCRIPTION:
PART OF THE SE1/4-SW1/4,
SECTION 23, T.22 N., R.13 W.,
CITY OF ALMA BUFFALO
COUNTY, WISCONSIN

LOCAL - NORTH ALMA

WISCONSIN

BUFFALO COUNTY - ALMA

OAKMONTE, LLC
USDA CENTER
S1587 SHAWNEE DRIVE
ALMA, WI 54610

USDA

BCA
BC Architecture

GENERAL NOTES

A. **SCOPE OF WORK:**
THE SCOPE OF WORK INCLUDES THE DEMOLITION, CONSTRUCTION, AND FINISHES AS INDICATED ON THE DRAWINGS.

B. **DIMENSIONS:**
ALL DIMENSIONS ARE TO BE VERIFIED IN THE FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES MUST BE REPORTED TO THE ARCHITECT FOR CLARIFICATION. DO NOT SCALE DRAWINGS.

C. **CODE COMPLIANCE:**
THE PROJECT SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL BUILDING CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL BUILDING CODE (IBC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) STANDARDS, AND ADA (AMERICANS WITH DISABILITIES ACT) REQUIREMENTS.

D. **CONSTRUCTION STANDARDS:**
ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE ANSI (AMERICAN NATIONAL STANDARDS INSTITUTE), ASTM (AMERICAN SOCIETY FOR TESTING AND MATERIALS), AND OTHER RELEVANT STANDARDS.

E. **MATERIALS AND EQUIPMENT:**
ALL MATERIALS AND EQUIPMENT USED SHALL MEET OR EXCEED THE PERFORMANCE AND QUALITY REQUIREMENTS SPECIFIED IN THE PROJECT DOCUMENTS.

F. **SITE CONDITIONS:**
THE CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS BEFORE PROCEEDING WITH THE WORK. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL SITE CONDITIONS SHOULD BE REPORTED TO THE ARCHITECT IMMEDIATELY.

G. **ARCHITECTURAL DRAWINGS:**
ARCHITECTURAL DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NOT DETAIL EVERY ITEM OF WORK. THE CONTRACTOR AND OWNER ARE RESPONSIBLE FOR ALL DIMENSIONS, QUANTITIES, AND DETAILS NOT SPECIFICALLY SHOWN OR MENTIONED IN THE DRAWINGS.

H. **FIRE SAFETY REQUIREMENTS:**
ALL FIRE-RATED ASSEMBLIES, INCLUDING WALLS, DOORS, AND OPENINGS, MUST BE CONSTRUCTED IN COMPLIANCE WITH THE FIRE RATINGS AS INDICATED ON THE DRAWINGS AND IN ACCORDANCE WITH LOCAL FIRE CODES.

I. **INSPECTION AND TESTING:**
INSPECTION AND TESTING OF MATERIALS AND CONSTRUCTION WORK SHALL BE PERFORMED AS REQUIRED BY THE GOVERNING AUTHORITY AND THE SPECIFICATIONS.

J. **CONTRACTOR'S RESPONSIBILITY:**
THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL ASPECTS OF THE WORK, INCLUDING SUBCONTRACTORS, TO ENSURE COMPLIANCE WITH THE DRAWINGS.

K. **TEMPORARY PROTECTION:**
THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY PROTECTION TO PREVENT DAMAGE TO THE WORK AND MATERIALS DURING CONSTRUCTION.

L. **CLEANING:**
THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE SITE CLEAN AND FREE OF DEBRIS AND MUST PROVIDE FINAL CLEANING OF THE AREA BEFORE OCCUPANCY.

M. **UTILITIES:**
THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL UTILITIES (ELECTRICAL, PLUMBING, HVAC, ETC.) WITH THE APPROPRIATE AUTHORITIES.

N. **CHANGE ORDERS:**
ANY CHANGES TO THE CONTRACT DOCUMENTS MUST BE APPROVED THROUGH A FORMAL CHANGE ORDER PROCESS, INCLUDING ANY NECESSARY RE-SUBMITTALS FOR APPROVAL.

O. **EXISTING CONDITIONS:**
THE INFORMATION PROVIDED ABOUT EXISTING CONDITIONS IS DERIVED FROM AVAILABLE RECORDS AND VISUAL INSPECTIONS. WHILE EVERY EFFORT HAS BEEN MADE TO ENSURE ITS ACCURACY, NO GUARANTEE IS GIVEN THAT THESE CONDITIONS FULLY REFLECT THE ACTUAL SITE CONDITIONS. CONTRACTORS MUST REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE ACTUAL CONDITIONS TO THE ARCHITECT IMMEDIATELY.

PROJECT DIRECTORY

OWNER:
OAKMONTE, LLC
4144 MESA STREET
TORRANCE, CA 90505
CONTACTS: JAY DEMIRCIFT & CHRIS PELTEKCI
E: JAYDEMIRCIFT@GMAIL.COM
P: 424.324.1248
E: CHRISPELTEKCI8@GMAIL.COM

STRUCTURAL ENGINEER:
EMBLEM STRUCTURAL ENGINEERING, LLC
CONTACT: TERRY NUESSE
P: 651.707.2414
E: NUESSETD@OUTLOOK.COM

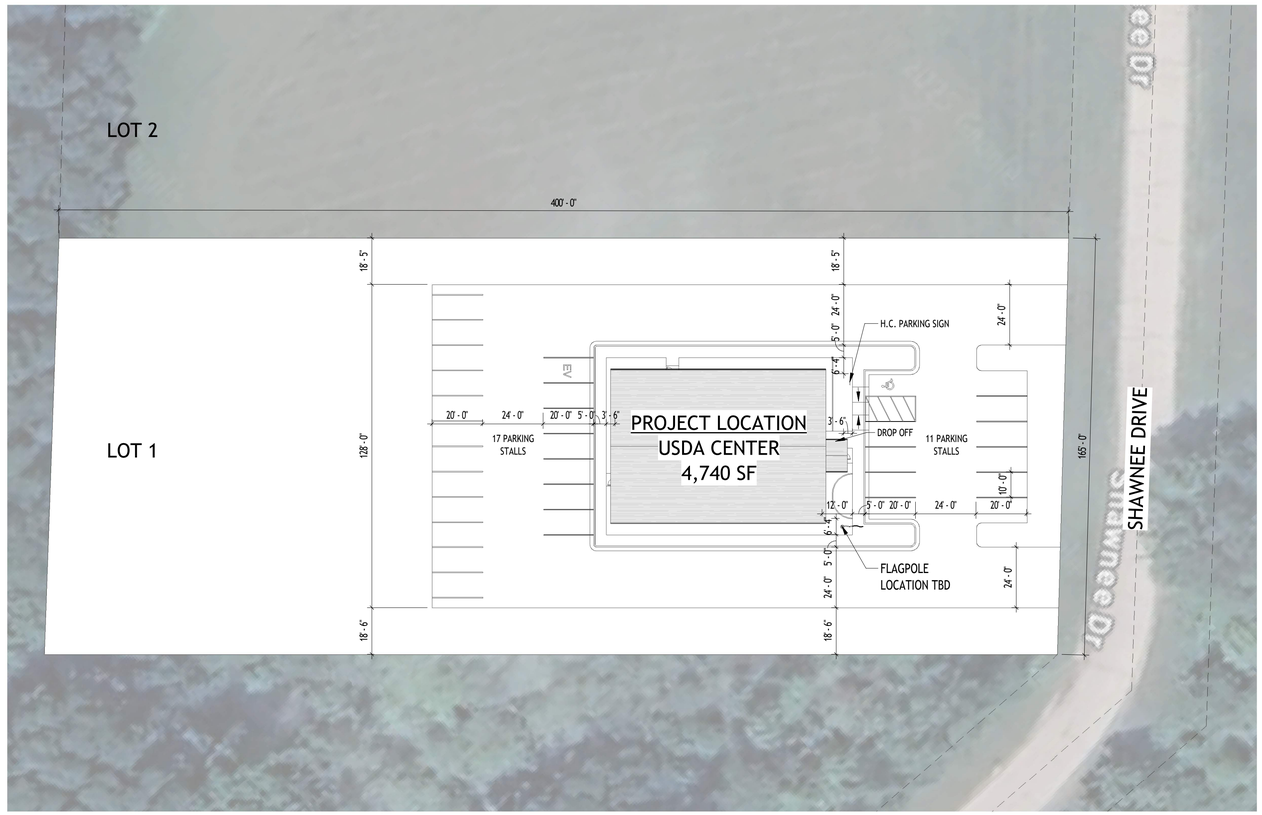
ARCHITECT:
BC ARCHITECTURE, LLC
225 E MADISON STREET #1284
EAU CLAIRE, WI 54703
CONTACT: BRYANT CHRISTENSON
P: 715.225.2984
E: bryant@bcarch.us

WISCONSIN
BRYANT L. CHRISTENSON
A-12957-S
EAU CLAIRE
ARCHITECT
11.05.25

SHEET INDEX

COORDINATE DRAWINGS WITH P.M.E. DESIGN BUILD & USDA REQUIREMENTS

ARCHITECTURAL SITE PLAN



1 / G001 ARCHITECTURAL SITE PLAN
1" = 30'-0"

OAKMONTE, LLC
USDA CENTER
S1587 SHAWNEE DRIVE, ALMA, WISCONSIN 54610

MARK	DATE	DESCRIPTION

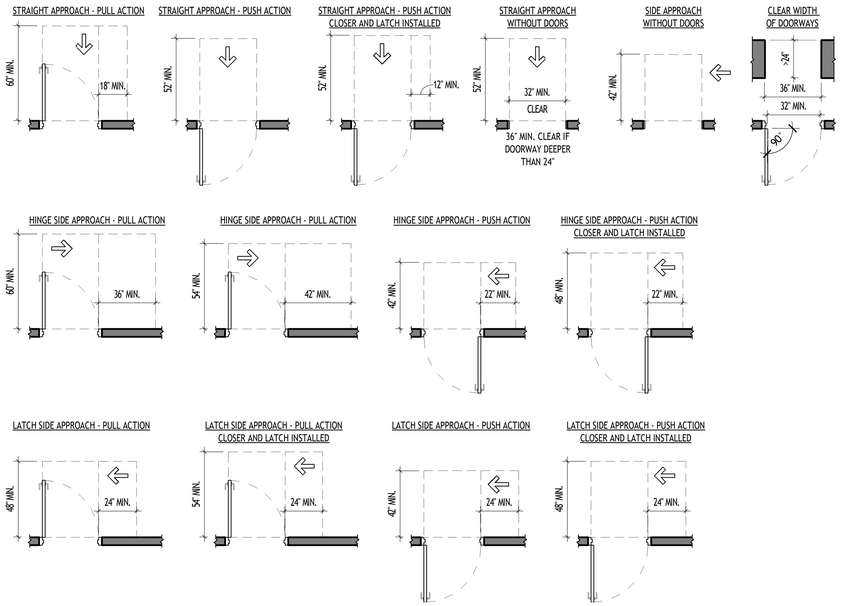
DRAWN BY: BC
JOB NO: 25-010
DATE: 11.26.25

COVER SHEET

G001

CONSTRUCTION SET

11/26/2025 10:56:30 AM A:\OneDrive - BCA\02 - Projects\25-020 USDA Building - Alma, WI\04 - Revit\25-020 USDA Center-Alma, WI_CD SET.rvt



MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS - NEW BUILDING

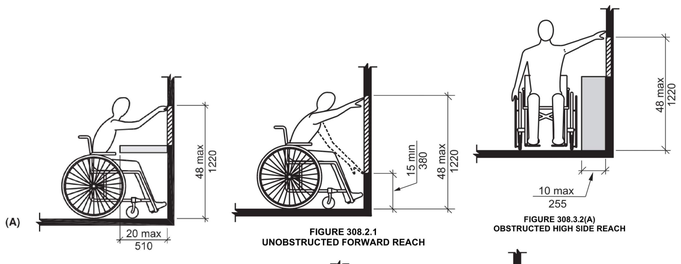


FIGURE 308.2.1
UNOBSTRUCTED FORWARD REACH

FIGURE 308.3.2(A)
OBSTRUCTED HIGH SIDE REACH

FIGURE 308.2.2
OBSTRUCTED HIGH FORWARD REACH

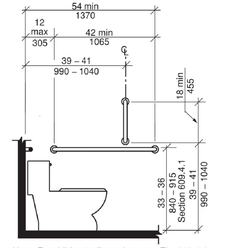
FIGURE 308.3.1
UNOBSTRUCTED SIDE REACH

FIGURE 308.3.2(B)
OBSTRUCTED HIGH SIDE REACH

TABLE 603.6
MAXIMUM REACH DEPTH AND HEIGHT

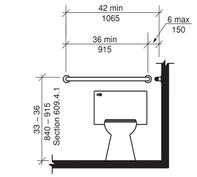
Maximum Reach Depth	0.5 inch (13 mm)	2 inches (51 mm)	5 inches (125 mm)	6 inches (150 mm)	9 inches (230 mm)	11 inches (280 mm)
Maximum Reach Height	48 inches (1220 mm)	46 inches (1170 mm)	42 inches (1065 mm)	40 inches (1015 mm)	36 inches (915 mm)	34 inches (865 mm)

OBSTRUCTED & UNOBSTRUCTED REACH



Note: For children's dimensions see Fig. 609.4.2

FIGURE 604.5.1
SIDE-WALL GRAB BAR FOR WATER CLOSET



Note: For children's dimensions see Fig. 609.4.2

FIGURE 604.5.2
REAR-WALL GRAB BAR FOR WATER CLOSET

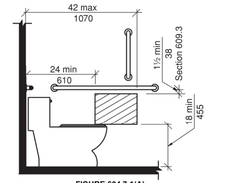


FIGURE 604.7.1(A)
DISPENSER OUTLET LOCATION - PROTRUDING DISPENSER BELOW GRAB BAR

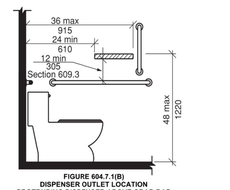
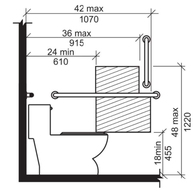


FIGURE 604.7.1(B)
DISPENSER OUTLET LOCATION
PROTRUDING DISPENSER ABOVE GRAB BAR



Note: For children's dimensions see Fig. 604.11.7 Dispenser Outlet Location

FIGURE 604.7.1(C)
DISPENSER OUTLET LOCATION RECESSED DISPENSER

GRAB BARS & DISPENSERS

ARCHITECTURAL SYMBOLS

EXTERIOR ELEVATION: ? / ? — DRAWING NUMBER / SHEET NUMBER

INTERIOR ELEVATION: ? / ? / ? — DRAWING NUMBER / SHEET NUMBER

DETAIL MARKER: ? / ? — DRAWING NUMBER / SHEET NUMBER

SECTION MARKER: ? / ? — DRAWING NUMBER / SHEET NUMBER

ROOM TAG: ? — ROOM NAME; ? — ROOM NUMBER

WALL TAG: ?

WINDOW TAG: ? — OPENING NUMBER

DOOR TAG: ? — OPENING NUMBER

CEILING TAG: ?'-?" — CEILING HEIGHT

REVISION TAG: ? — REVISION NUMBER

KEYNOTE TAG: ? — KEYNOTE NUMBER

DEMOLITION KEYNOTE TAG: ? — DEMO KEYNOTE NUMBER

FINISH TAG: ? — FINISH NUMBER

ARCHITECTURAL PATTERNS

NOTE: EXISTING = GRAYSCALE

BRICK VENEER CLAY

BRICK VENEER CONCRETE

CMU

CONCRETE CAST IN PLACE

CONCRETE PRECAST

EARTH

GRAVEL

PLYWOOD SHEATHING

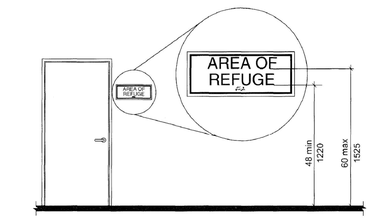
RIGID INSULATION

SPRAY FOAM INSULATION

STEEL

STONE

WOOD



Note: For braille character mounting height see Section 703.4.5

FIG. 703.3.10
HEIGHT OF RAISED CHARACTERS ABOVE FLOOR

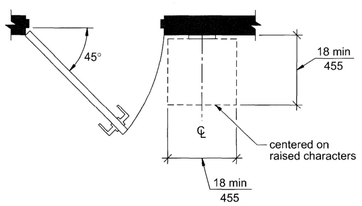


FIG. 703.3.11
LOCATION OF SIGNS AT DOORS

HEIGHT & LOCATION OF SIGNS AT DOORS

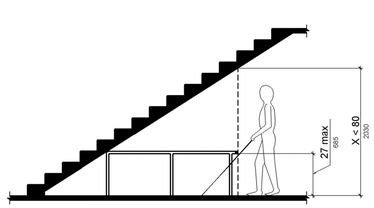


Figure 307.4
Vertical Clearance

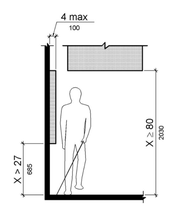


Figure 307.2
Limits of Protruding Objects

VERTICAL CLEARANCE & PROTRUDING OBJECTS

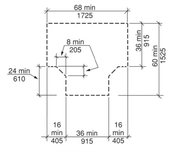


FIGURE 304.3.2.1(A)
T-SHAPED TURNING SPACE - NEW BUILDINGS - OPTION 1

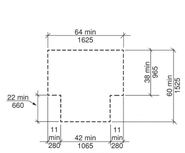


FIGURE 304.3.2.1(B)
T-SHAPED TURNING SPACE - NEW BUILDINGS - OPTION 2

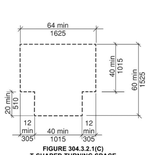


FIGURE 304.3.2.1(C)
T-SHAPED TURNING SPACE
NEW BUILDINGS - OPTION 3

FIGURE 304.3.1.1
CIRCULAR TURNING SPACE - NEW BUILDINGS
SIZE AND OVERLAP

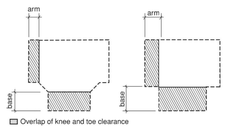


FIGURE 304.3.2.1.1
T-SHAPED TURNING SPACE
NEW BUILDINGS - OVERLAP

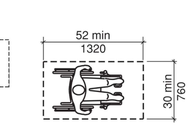


FIGURE 305.3.1
SIZE OF CLEAR FLOOR SPACE - NEW BUILDINGS

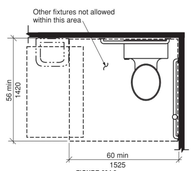


FIGURE 604.3
SIZE OF CLEARANCE FOR WATER CLOSET

ACCESSIBLE TURNING AND CLEARANCE SPACE - NEW BUILDING

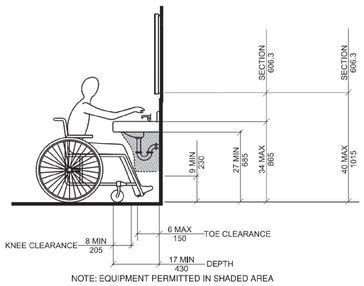


Figure C606.2(a)
LAVATORIES AND SINKS

VANITY CLEARANCES

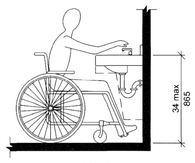
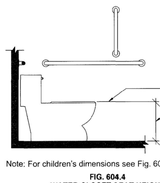


FIG. 606.3
HEIGHT OF LAVATORIES AND SINKS



Note: For children's dimensions see Fig. 604.11.4

FIG. 604.4
WATER CLOSET SEAT HEIGHT

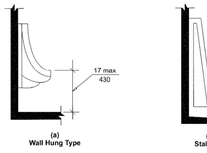


FIG. 605.2
HEIGHT OF URINALS

ADA PLUMBING HEIGHTS

BCA
BC Architecture

OAKMONTE, LLC
USDA CENTER
S1587 SHAWNEE DRIVE, ALMA, WISCONSIN 54610

MARK	DATE	DESCRIPTION

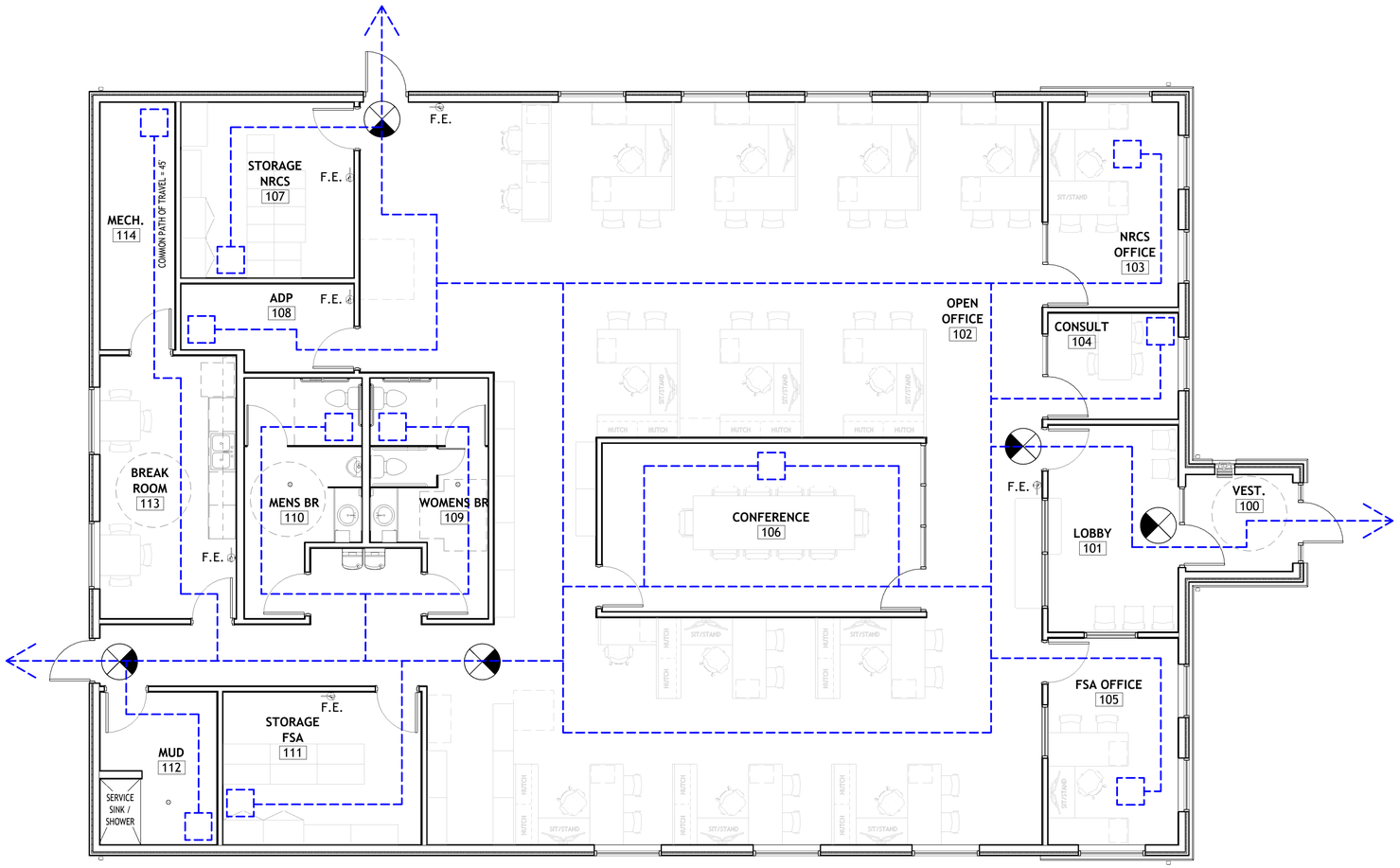
DRAWN BY: BC
JOB NO: 25-010
DATE: 11.26.25

GENERAL INFORMATION

G002

CONSTRUCTION SET

11/26/2025 10:56:32 AM A:\OneDrive - BCA\02 - Projects\25-020 USDA Building - Alma, WI\04 - Revit\25-020 USDA Center-Alma, WI_CD SET.rvt



1 G003 LIFE SAFETY - FLOOR PLAN
3/16" = 1'-0"

LIFE SAFETY PLAN LEGEND

MEANS OF EGRESS:

- EGRESS PATH
- EXIT LIGHT

FIRE EXTINGUISHERS:

- F.E. — WALL MOUNTED FIRE EXTINGUISHER
- F.E.C. — CABINET FIRE EXTINGUISHER

CODE REVIEW

APPLICABLE CODES:
BUILDING CODE:
2021 INTERNATIONAL BUILDING CODE (IBC)
W/ WISCONSIN AMENDMENTS

ACCESSIBILITY CODE:
2017 ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

ENERGY CODE:
2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)

OCCUPANCY CLASSIFICATION: (IBC CHAPTER 3)
B - BUSINESS

ALLOWABLE BUILDING HEIGHT & AREA: (IBC CHAPTER 5)
BUILDING HEIGHT
ALLOWABLE = 40'
PROVIDED = 20'

NUMBER OF STORIES ABOVE GRADE PLANE
ALLOWABLE = 2 STOREIS
PROVIDED = 1 STORY

BUILDING AREA
ALLOWABLE = 9,000 SF
PROVIDED = 4,740 SF

TYPE OF CONSTRUCTION: (IBC CHAPTER 6)
PROPOSED BUILDING = VB

FIRE PROTECTION: (IBC CHAPTER 9)
SECTION 903 - AUTOMATIC SPRINKLER SYSTEMS
SPRINKLER REQUIREMENTS: NONE

SECTION 906 - PORTABLE FIRE EXTINGUISHERS
SEE LIFE SAFETY PLAN G003

SECTION 907 - FIRE ALARM DETECTION SYSTEMS
ALARM REQUIREMENTS: NONE

MEANS OF EGRESS: (IBC CHAPTER 10)
SECTION 1004 - OCCUPANT LOAD
BUSINESS AREA = 4,740 SF / 150 SF = 32 PEOPLE
TOTAL PEOPLE = 32 PEOPLE

MEANS OF EGRESS WIDTH
REQUIRED: 32 X.2 = 6.4 INCHES
PROVIDED: 3 X 36" = 108 INCHES

SECTION 1006 - COMMON PATH OF TRAVEL
REQUIRED: B OCCUPANCY, W/O SPRINKLER SYSTEM, OL>30 = 75'
PROVIDED: 45'

SECTION 1008 - MEANS OF EGRESS ILLUMINATION
IBC 1008.3.2 BUILDINGS. IN THE EVENT OF POWER SUPPLY FAILURE IN BUILDINGS THAT REQUIRE TWO OR MORE MEANS OF EGRESS, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE ALL THE FOLLOWING AREAS:
1. INTERIOR EXIT ACCESS STAIRWAYS AND RAMPS.
2. INTERIOR AND EXTERIOR EXIT STAIRWAYS AND RAMPS.
3. EXIT PASSAGEWAYS.
4. VESTIBULES AND AREAS ON THE LEVEL OF DISCHARGE USED FOR EXIT DISCHARGE.
5. EXTERIOR LANDINGS FOR EXIT DOORWAYS THAT LEAD DIRECTLY TO THE EXIT DISCHARGE.THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR NOT LESS THAN 90 MINUTES.ILLUMINATION UNDER NORMAL POWER SHALL BE NOT LESS THAN 1 FOOT-CANDLE AT THE WALKING SURFACE. ILLUMINATION UNDER EMERGENCY POWER SHALL BE NOT LESS THAN AN AVERAGE OF 1 FOOT-CANDLE, AND A MINIMUM AT ANY POINT OF 0.1 FOOT-CANDLE MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL.

SECTION 1017 - EXIT ACCESS TRAVEL DISTANCE
REQUIRED: B OCCUPANCY, W/O SPRINKLER SYSTEM = 200'
PROVIDED: 75'

PLUMBING SYSTEMS: (IBC CHAPTER 29)

OCCUPANCY TYPE:	B
OCCUPANT LOAD:	32
WATER CLOSET RATIO:	1/25 & 1/50
REQUIRED WATER CLOSETS:	32/25 = 2
PROVIDED WATER CLOSETS:	3 + 1 URINAL
LAVATORIES RATIO:	1/40 & 1/80
REQUIRED LAVATORIES:	32/40 = 1
PROVIDED LAVATORIES:	2
DRINKING FOUNTAIN RATIO:	1/100
REQUIRED DRINKING FOUNTAIN:	32/500 = 1
PROVIDED DRINKING FOUNTAIN:	2
REQUIRED SERVICE SINK:	1
PROVIDED SERVICE SINK:	1

BCA
BC Architecture

OAKMONTE, LLC
USDA CENTER
S1587 SHAWNEE DRIVE, ALMA, WISCONSIN 54610

MARK	DATE	DESCRIPTION

DRAWN BY: BC
JOB NO: 25-010
DATE: 11.26.25

LIFE SAFETY PLAN

G003

CONSTRUCTION SET

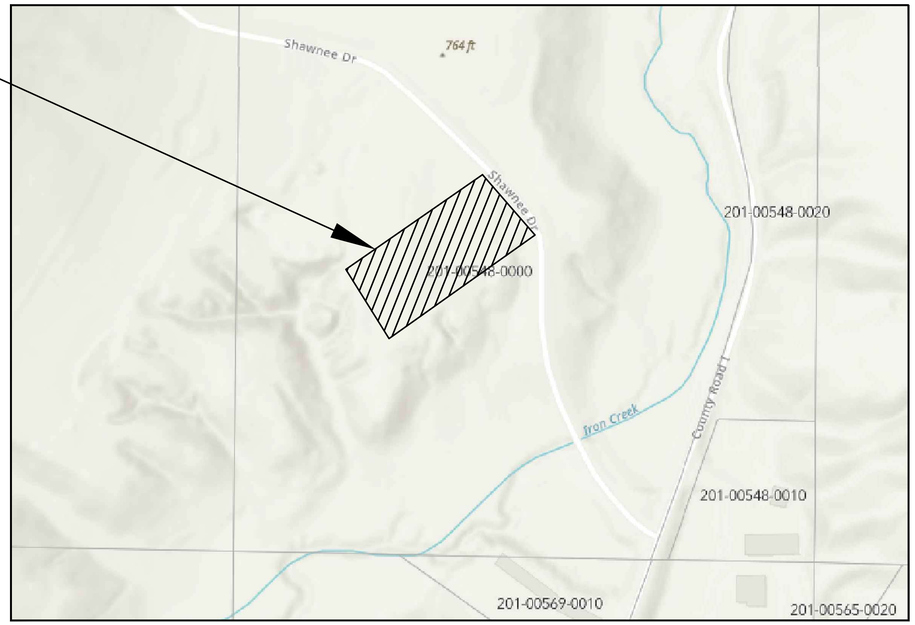
USDA CENTER
BC ARCHITECTURE
SHAWNEE DRIVE
ALMA, WI 54610

BUFFALO COUNTY

VICINITY MAP

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

PROJECT LOCATION



LOCATION MAP

CONTACTS	
CITY OF ALMA	CITY MAYOR ATTN: RICHARD CHAMPENY – (608) 685–3330
CITY OF ALMA	CITY CLERK ATTN: LINDA TORGERSON – (608) 799–7911
BUFFALO COUNTY	COUNTY SURVEYOR (608) 685–6232
ELECTRIC	RIVERLAND ENERGY COOPERATIVE (715) 642–5004
TELEPHONE	COCHRANE COOP TELEPHONE CO. (608) 248–2323
CABLE	TDS TELECOM (262) 446–9821
FIRE DEPT.	CITY OF ALMA – FIRE CHIEF ATTN: THOMAS BRAKKE – (608) 685–4577

LEGEND

EXISTING / PROPOSED

- BENCHMARK
- CONTROL POINT
- SIGN
- CURB STOP
- WELL
- HYDRANT
- GATE VALVE
- CURB INLET
- AREA DRAIN
- SAN MH
- STORM MH
- SAN CLEANOUT
- GAS MANHOLE
- LIGHT POLE
- UTILITY POLE
- GUY WIRE
- GUY POLE
- PULL BOX
- ELEC PED
- CABLE PED
- MAILBOX
- TELE PED
- IRON PIPE
- ROW POST
- REBAR
- WTR — WATER MAIN
- SAN — SANITARY SEWER
- STM — STORM SEWER
- OH — OVERHEAD UTILITY
- T — TELEPHONE LINE
- G — GAS LINE
- E — ELECTRIC LINE
- TV — CABLE TV LINE
- TREELINE
- EXISTING TREES
- MARSH
- FENCE LINE
- WOVEN WIRE FENCE
- SILT FENCE
- RETAINING WALL
- 870 / 910 — CONTOURS MAJOR / CONTOURS MINOR

ABBREVIATIONS:

BC=BACK OF CURB
BLK=BLOCK NUMBER
BTM=BOTTOM (ELEV)
CL=CENTERLINE
CS=CURB STOP
ELEV=ELEVATION
EOP=EDGE OF PAVEMENT
EX=EXISTING
FES=FLARED END SECTION
FF=FINISHED FLOOR (ELEV)
FL=FLOWLINE
GF=GARAGE FLOOR (ELEV) @ OVERHEAD DOOR
GLG=GROUND LINE GROOVE
HWL=HIGH WATER LEVEL
INV=INVERT
LF=LINEAR FEET
LO=LOOKOUT STYLE HOME
LT=LEFT
MIN=MINIMUM
NWL=NORMAL WATER LEVEL
PC=POINT OF CURVE
PRC=CURVE REVERSAL POINT
PT=POINT OF TANGENCY
RAD=RADIUS
RT=RIGHT
R/W=RIGHT OF WAY
SAN=SANITARY SEWER
SP=SPOT ELEVATION
SS=SAFETY SHELF (ELEV)
STA=STATION
STM=STORM SEWER
TC=TOP OF CURB
T.O.P.=TOP OF PIPE
TP=TOP OF PAVEMENT
TYP=TYPICAL
W=WATER FITTINGS
WTR=WATER
WM=WATERMAIN
WO=WALKOUT STYLE HOME

SHEET SCHEDULE	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	EXISTING CONDITIONS & DEMOLITION PLAN
3	SITE PLAN & UTILITY PLAN
4	EROSION CONTROL PLAN
5	GRADING PLAN
6-7	DETAILS

PROJECT ARCHITECT:
BC ARCHITECTURE
ATTN: BRYANT CHRISTENSON
225 E MADISON STREET #1284
EAU CLAIRE, WI 54703
PHONE: 715.225.2984
EMAIL: bryant@bcarch.us

PROJECT ENGINEER:
ADVANCED ENGINEERING CONCEPTS
ATTN: SEAN BOHAN, P.E.
1360 INTERNATIONAL DRIVE
EAU CLAIRE, WI 54701
PHONE: 715.552.0330
EMAIL: sbohan@aec.engineering

WISCONSIN — SEAN P. BOHAN — E-35095-E — EAU CLAIRE, WI — PROFESSIONAL ENGINEER

11/25/2025

SCHEDULE OF REQUIRED PERMITS		
APPROVALS NEEDED	DATE SUBMITTED	APPROVAL
CITY OF ALMA BUILDING PERMIT		

AEC PROJECT #: 25082 PLANS DATED: NOVEMBER 2025

ADVANCED ENGINEERING CONCEPTS
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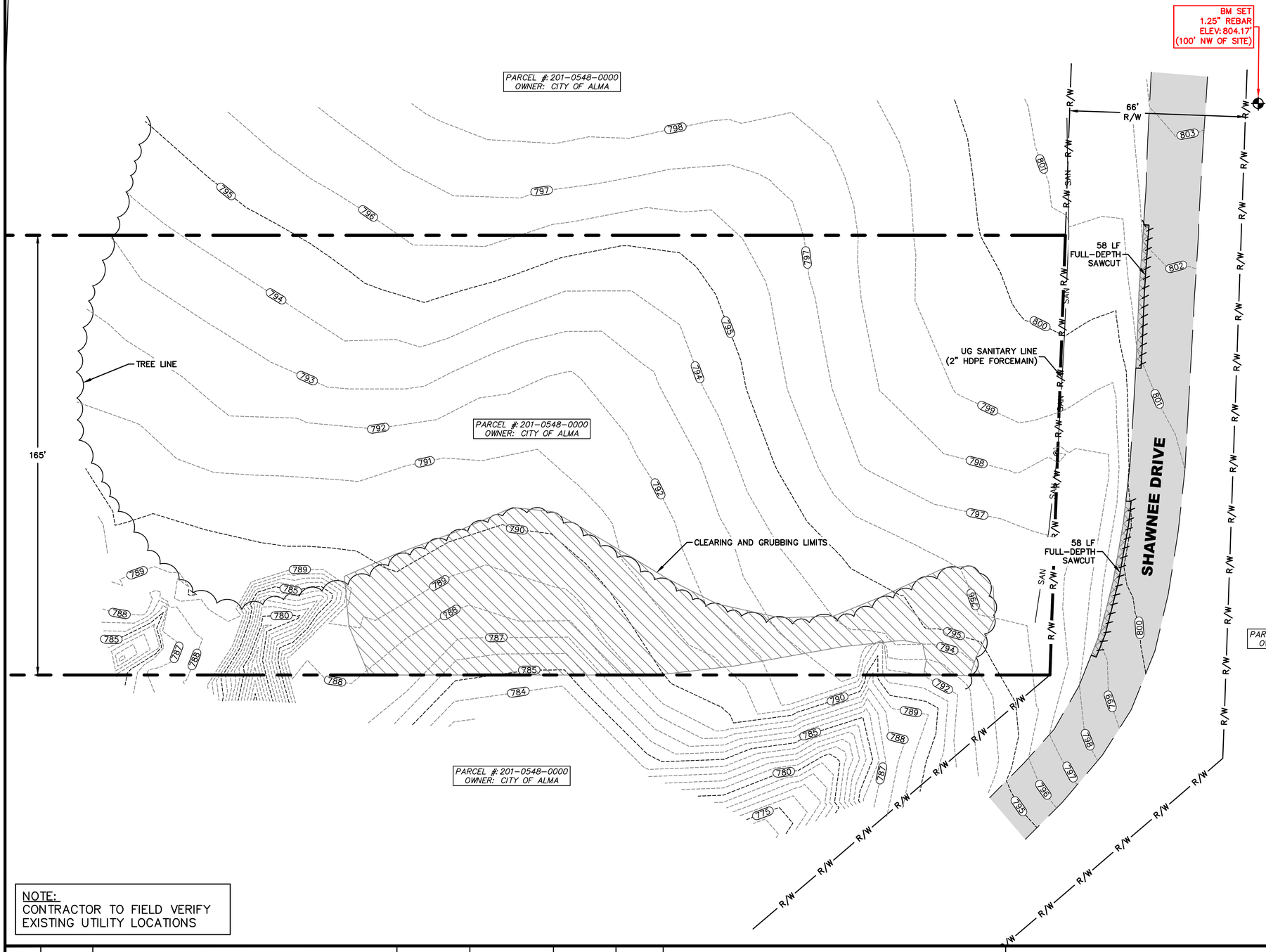

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LEGEND

- (1108) EXISTING CONTOURS–MNR
- (1105) EXISTING CONTOURS–MJR
- CLEAR AND GRUB TREES (CLEARING LIMITS)
- REMOVE PAVEMENT
- FULL–DEPTH SAWCUT

GENERAL NOTES:

1. UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY AND ARE NOT SHOWN IN THEIR ENTIRETY. CONTRACTOR SHALL NOTIFY UTILITIES A MINIMUM OF 3 DAYS PRIOR TO ANY EXCAVATION FOR FIELD VERIFICATION OF LOCATIONS. THE CLIENT, CITY, AND THE ENGINEER ARE NOT RESPONSIBLE OR LIABLE FOR ANY DAMAGE CAUSED TO EXISTING UTILITIES.
2. CLEARING AND GRUBBING SHALL ONLY BE IN THOSE LOCATIONS DIRECTED BY THE ENGINEER AND/OR OWNER. CONTRACTOR SHALL PROTECT ALL TREES, SHRUBS, AND CORRESPONDING ROOT SYSTEMS FROM DAMAGE. ALL WORK WITH POTENTIAL IMPACT ON UN–CLEARED TREES AND/OR SHRUBS SHALL BE COORDINATED WITH THE ENGINEER AND/OR OWNER.
3. CONTRACTOR SHALL NOT DISTURB ANY R/W IRONS. ANY REMOVAL SHALL BE APPROVED BY THE ENGINEER, OTHERWISE THE CONTRACTOR SHALL BE BILLED FOR REPLACEMENT.
4. CONTRACTOR SHALL VERIFY THE AMOUNT OF PAVEMENT REMOVAL WITH THE PROJECT MANAGER.
5. CONTRACTOR TO COORDINATE LOCATIONS AND LIMITS OF SAWCUTS WITH THE PROJECT MANAGER.
6. NO TREES OR STUMPS ARE TO BE BURIED ON SITE. CONTRACTOR IS RESPONSIBLE FOR ANY PERMITS FOR BURNING OR MATERIAL DISPOSAL.
7. CONTRACTOR TO REPAIR AND RESTORE ANY DAMAGED OR DISTURBED AREAS OF PAVEMENT, CONCRETE, LANDSCAPING, ELECTRICAL, AND AUTOMATIC IRRIGATION, ETC. TO ITS ORIGINAL CONDITION ON ADJACENT PROPERTIES.
8. IF DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR FINDS ANY DISCREPANCIES OR CONFLICTS BETWEEN THE PROPOSED SITE IMPROVEMENTS INDICATED ON THE PLANS AND THE PHYSICAL CONDITIONS OF THE SITE, OR ANY ERRORS OR OMISSIONS WITHIN THE PLANS OR IN THE SITE LAYOUT AS PROVIDED BY THE ENGINEER, IT SHALL BE THE RESPONSIBILITY OR THE CONTRACTOR TO IMMEDIATELY NOTIFY THE ENGINEER. UNTIL AUTHORIZED TO PROCEED, ANY WORK PERFORMED AFTER SUCH DISCOVERY WILL BE AT THE CONTRACTOR'S SOLE RISK AND EXPENSE.
9. TOPOGRAPHIC SURVEY PERFORMED BY REAL LAND SURVEYING NOVEMBER 7, 2025.

NOTE:
CONTRACTOR TO FIELD VERIFY EXISTING UTILITY LOCATIONS

NO.	DATE	REVISIONS	DRAFTED BY	DESIGN BY	CHECKED
–	–	–	–	–	–

PROJ. NO. 25082

ADVANCED ENGINEERING CONCEPTS
1360 INTERNATIONAL DR
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EXISTING CONDITIONS & DEMOLITION PLAN

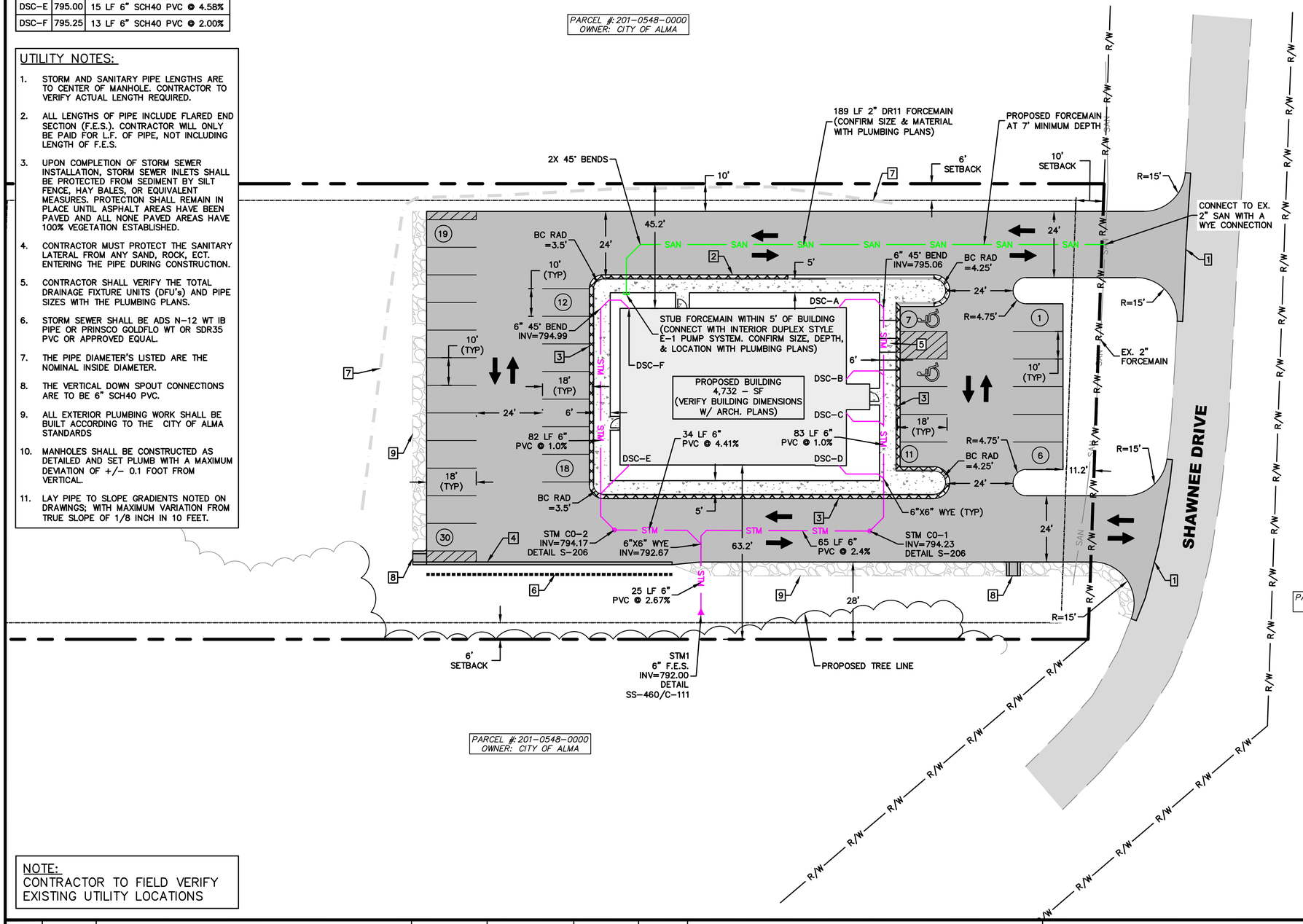
USDA CENTER
BC ARCHITECTURE
SHAWNEE DRIVE
ALMA, WI 54610

DWG NAME 25082 PG2 EX & DEMO
DATE 11/2025

DOWN SPOUT CONNECTIONS: DETAIL SS-500		
ID	INVERT	PIPE OUT
DSC-A	795.25	19 LF 6" SCH40 PVC @ 1.00%
DSC-B	795.25	15 LF 6" SCH40 PVC @ 2.82%
DSC-C	795.25	15 LF 6" SCH40 PVC @ 4.02%
DSC-D	795.00	18 LF 6" SCH40 PVC @ 3.10%
DSC-E	795.00	15 LF 6" SCH40 PVC @ 4.58%
DSC-F	795.25	13 LF 6" SCH40 PVC @ 2.00%

UTILITY NOTES:

1. STORM AND SANITARY PIPE LENGTHS ARE TO CENTER OF MANHOLE. CONTRACTOR TO VERIFY ACTUAL LENGTH REQUIRED.
2. ALL LENGTHS OF PIPE INCLUDE FLARED END SECTION (F.E.S.). CONTRACTOR WILL ONLY BE PAID FOR L.F. OF PIPE, NOT INCLUDING LENGTH OF F.E.S.
3. UPON COMPLETION OF STORM SEWER INSTALLATION, STORM SEWER INLETS SHALL BE PROTECTED FROM SEDIMENT BY SILT FENCE, HAY BALES, OR EQUIVALENT MEASURES. PROTECTION SHALL REMAIN IN PLACE UNTIL ASPHALT AREAS HAVE BEEN PAVED AND ALL NONE PAVED AREAS HAVE 100% VEGETATION ESTABLISHED.
4. CONTRACTOR MUST PROTECT THE SANITARY LATERAL FROM ANY SAND, ROCK, ECT. ENTERING THE PIPE DURING CONSTRUCTION.
5. CONTRACTOR SHALL VERIFY THE TOTAL DRAINAGE FIXTURE UNITS (DFU's) AND PIPE SIZES WITH THE PLUMBING PLANS.
6. STORM SEWER SHALL BE ADS N-12 WT IB PIPE OR PRINSCO GOLDFLO WT OR SDR35 PVC OR APPROVED EQUAL.
7. THE PIPE DIAMETER'S LISTED ARE THE NOMINAL INSIDE DIAMETER.
8. THE VERTICAL DOWN SPOUT CONNECTIONS ARE TO BE 6" SCH40 PVC.
9. ALL EXTERIOR PLUMBING WORK SHALL BE BUILT ACCORDING TO THE CITY OF ALMA STANDARDS
10. MANHOLES SHALL BE CONSTRUCTED AS DETAILED AND SET PLUMB WITH A MAXIMUM DEVIATION OF +/- 0.1 FOOT FROM VERTICAL.
11. LAY PIPE TO SLOPE GRADIENTS NOTED ON DRAWINGS; WITH MAXIMUM VARIATION FROM TRUE SLOPE OF 1/8 INCH IN 10 FEET.



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

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HATCHING LEGEND

- EXISTING BITUMINOUS PAVEMENT
- PROPOSED BITUMINOUS PAVEMENT
- PROPOSED BUILDING
- PROPOSED CONCRETE PAVEMENT (SIDEWALKS: 4" THICKNESS) (IF EXPOSED TO VEHICULAR TRAFFIC: 6" THICKNESS)
- REJECT CURB & GUTTER

USDA CENTER SHAWNEE DRIVE

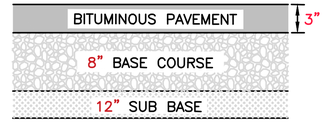
CURRENT ZONING:	R-RC - COMMERCIAL
LOT SIZE:	660,010 SF (14.2 AC.)
EXISTING IMPERVIOUS AREA:	0-SF (0.0%)
PROPOSED USE:	USDA OFFICE
PROPOSED BUILDING:	5,015-SF (13.6%)
PROPOSED PAVEMENT:	22,279-SF (27.7%)
PROPOSED PATIO/SIDEWALK:	1,969-SF (2.9%)
OVERALL IMPERVIOUSNESS:	29,263-SF (44.2%)
GREEN SPACE:	630,747-SF (55.8%)
PARKING STALLS:	30 TOTAL (2 ACCESSIBLE)
ESTIMATED DISTURBED AREA:	40,300 SF

SETBACKS:
FRONT: 10'
SIDE: 6'
REAR: 3'

SITE PLAN KEY NOTES

1	MATCH EXISTING PAVEMENT
2	18" CURB & GUTTER (DETAIL C-300)
3	18" CURB & GUTTER "REJECT" (DETAIL C-302)
4	30" BIT CURB (DETAIL C-340)
5	ADA RAMP (DETAIL C-435)
6	RETAINING WALL (DETAIL C-458) HEIGHT VARIES
7	GRASS SWALE
8	BITUMINOUS FLUME (DETAIL C-383)
9	5' ROCK SHOULDER (DETAIL C-320)

TYPICAL PAVEMENT SECTION



NOTE: PAVEMENT SECTIONS TO BE CONSTRUCTED PER GEOTECHNICAL ENGINEERING REPORT. PAVEMENT SECTIONS ABOVE SHALL BE USED ONLY FOR PRELIM HOLD-DOWN CALCULATIONS AND COST ANALYSIS.

NOTE:
CONTRACTOR TO FIELD VERIFY EXISTING UTILITY LOCATIONS

NO.	DATE	REVISIONS	DRAFTED BY	DESIGN BY	CHECKED
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PROJ. NO. 25082

ADVANCED ENGINEERING CONCEPTS
1360 INTERNATIONAL DR
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PH: 715-552-0330
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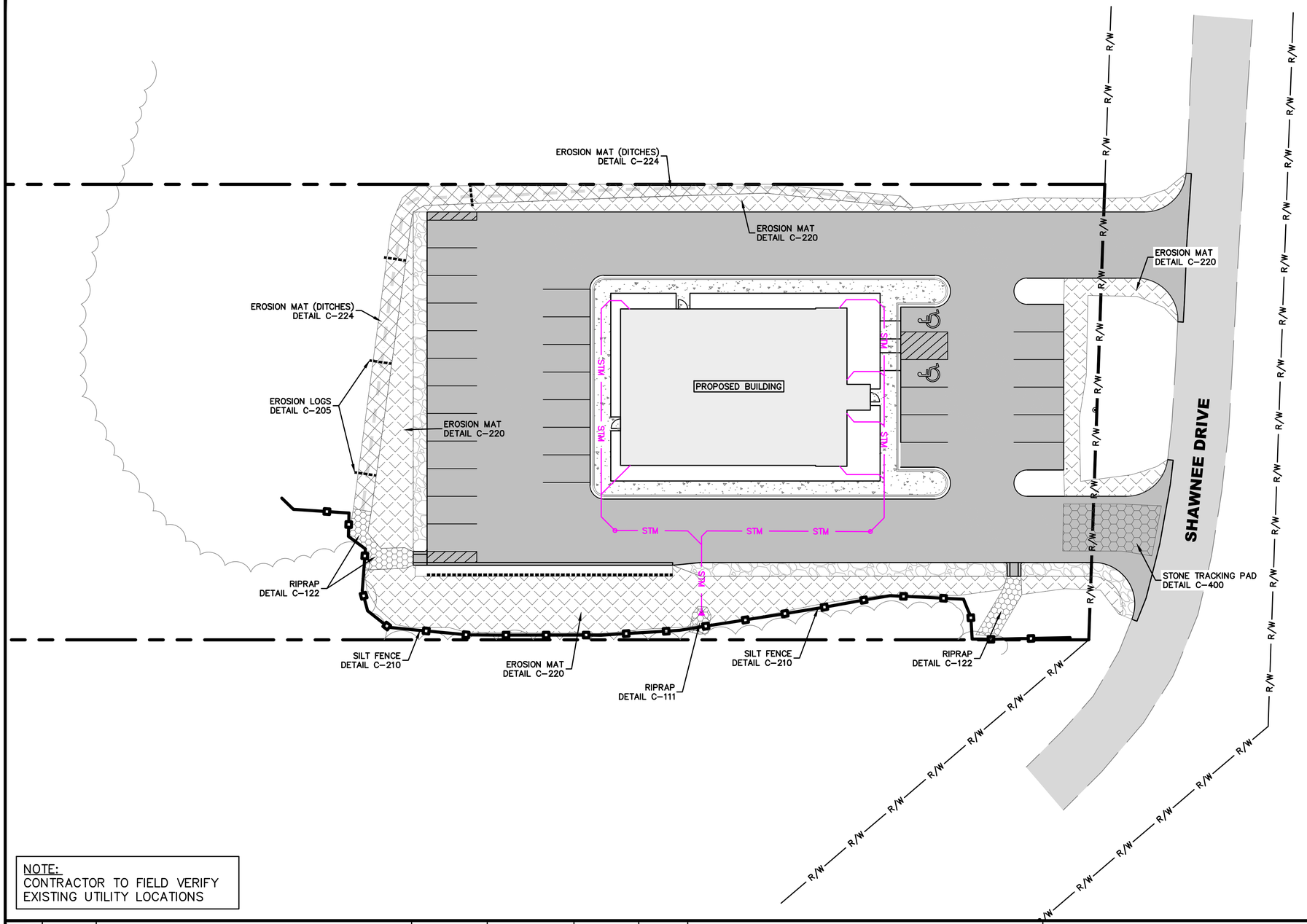
SITE & UTILITY PLAN

USDA CENTER
BC ARCHITECTURE
SHAWNEE DRIVE
ALMA, WI 54610

DWG NAME 25082 PG3 SITE & UTIL
DATE 11/2025



NOTE:
CONTRACTOR TO FIELD VERIFY
EXISTING UTILITY LOCATIONS

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EROSION CONTROL LEGEND

- SILT FENCE DETAIL C-210
- STONE TRACKING PAD DETAIL C-400
- EROSION MAT DETAIL C-220
- EROSION MAT (DITCHES) DETAIL C-224
- EROSION LOGS DETAIL C-205
- RIPRAP DETAIL C-111/C-122

THE EROSION CONTROL ON THIS PLAN HAS BEEN PREPARED AS A GUIDE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING, MODIFYING AND IMPLEMENTING AN ALTERNATE EROSION CONTROL PLAN BASED ON THEIR MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.

EROSION CONTROL NOTES:

1. KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
2. CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. KEEP INSPECTION REPORTS ON-SITE AND MAKE THEM AVAILABLE UPON REQUEST.
3. INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
4. WHEN POSSIBLE: PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS), MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND PRESERVE TOPSOIL.
5. REFER TO THE WDNR STORMWATER CONSTRUCTION TECHNICAL STANDARDS AT http://dnr.wi.gov/topic/stormwater/standards/const_standards.html.
6. INSTALL PERIMETER EROSION CONTROLS AND STONE TRACKING PAD CONSTRUCTION ENTRANCE(S) PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING. USE WDNR TECHNICAL STANDARD STONE TRACKING PAD AND TIRE WASHING #1057 FOR ROCK CONSTRUCTION ENTRANCE(S).
7. STAGE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMULATIVE EXPOSED AREA. CONDUCT TEMPORARY GRADING FOR EROSION CONTROL PER WDNR TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067.
8. INSTALL AND MAINTAIN SILT FENCING PER WDNR TECHNICAL STANDARD SILT FENCE #1056. REMOVE SEDIMENT FROM BEHIND SILT FENCES AND SEDIMENT BARRIERS BEFORE SEDIMENT REACHES A DEPTH THAT IS EQUAL TO ONE-HALF OF THE FENCE AND/OR BARRIER HEIGHT.
9. REPAIR BREAKS AND GAPS IN SILT FENCES AND BARRIERS IMMEDIATELY. REPLACE DECOMPOSING STRAW BALES (TYPICAL BALE LIFE IS 3 MONTHS). LOCATE, INSTALL, AND MAINTAIN STRAW BALES PER WDNR TECHNICAL STANDARD DITCH CHECKS #1062.
10. 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.
11. IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILIZE 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.
12. STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.
13. SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY CONTRACTOR. SEPARATE SWEPT MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.
14. CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER WDNR TECHNICAL STANDARD DUST CONTROL ON CONSTRUCTION SITES #1068.
15. PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
16. FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE CLASS I TYPE A EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRITE MATRIX IN WDOTS WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD NON-CHANNEL EROSION MAT #1052.
17. FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED AREAS, PROVIDE CLASS I TYPE B EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WDOTS WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD CHANNEL EROSION MAT #1053.
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.

NO.	DATE	REVISIONS	DRAFTED BY	DESIGN BY	CHECKED
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PROJ. NO. 25082

ADVANCED ENGINEERING CONCEPTS
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EROSION CONTROL PLAN

USDA CENTER
BC ARCHITECTURE
SHAWNEE DRIVE
ALMA, WI 54610

DWG NAME 25082 PG4 ERO CON
DATE 11/2025

Know what's **below.**
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GRADING PLAN LEGEND

- 1106 — EXISTING CONTOURS–MNR
- 1105 — EXISTING CONTOUR–MJR
- 851 — FINAL CONTOUR–MJR
- 849 — FINAL CONTOUR–MNR
- DRAINAGE PATTERN LINES
- GRADE BREAK LINES
- 1% → PROPOSED DRAINAGE DIRECTION
- XXX.XX PROPOSED SPOT ELEVATION
- *XXX.X±* EXISTING SPOT ELEVATION
- FF FINISHED FLOOR ELEVATION
- TC TOP OF CURB
- TW TOP OF WALL ELEVATION
- BW GROUND AT TOE OF WALL

GRADING NOTES:

1. ALL CONTOURS ARE COMPUTER GENERATED AND REPRESENT APPROXIMATE LOCATIONS. PROPOSED CONTOURS REPRESENT FINISHED GROUND GRADES AFTER RESTORATION. CONTOURS IN STREET REPRESENT THE TOP OF PAVEMENT.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE AWAY FROM STRUCTURES. BUILDER SHALL VERIFY ACTUAL FINISH FLOOR ELEVATION(S) PRIOR TO CONSTRUCTION AND SHALL INSURE ALL SITE DRAINAGE IS DIRECTED AWAY FROM STRUCTURES AND TOWARD DRAINAGE WAYS.
3. ALL SPOT ELEVATIONS ARE TOP OF PAVEMENT AND/OR FINISHED GRADE UNLESS OTHERWISE NOTED.
4. IF DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR FINDS ANY DISCREPANCIES OR CONFLICTS BETWEEN THE PROPOSED SITE IMPROVEMENTS INDICATED ON THE PLANS AND THE PHYSICAL CONDITIONS OF THE SITE, OR ANY ERRORS OR OMISSIONS WITHIN THE PLANS OR IN THE SITE LAYOUT AS PROVIDED BY THE ENGINEER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IMMEDIATELY NOTIFY THE ENGINEER. UNTIL AUTHORIZED TO PROCEED, ANY WORK PERFORMED AFTER SUCH DISCOVERY WILL BE AT THE CONTRACTOR'S SOLE RISK AND EXPENSE.
5. ALL DISTURBED GROUND LEFT INACTIVE FOR FOURTEEN OR MORE DAYS MUST BE STABILIZED BY SEEDING, MULCH OR SODDING.
6. ALL TURF GRASS AREAS ARE TO BE RESTORED WITH A MIN. 4" OF SCREENED TOPSOIL, SEED & STRAW MULCH, 4" TOPSOIL, SEED & EROSION MAT OR 4" TOPSOIL AND SOD.
7. USE CARE TO SECURE A UNIFORM GRADE. GRADES SHALL BE CAREFULLY CHECKED AND IRREGULARITIES REPORTED TO ENGINEER. DEVIATION FROM ESTABLISHED LINES AND GRADES SHALL BE CAUSE FOR REJECTION OF WORK.

NOTE:
CONTRACTOR TO FIELD VERIFY
EXISTING UTILITY LOCATIONS

NO.	DATE	REVISIONS	DRAFTED BY	DESIGN BY	CHECKED

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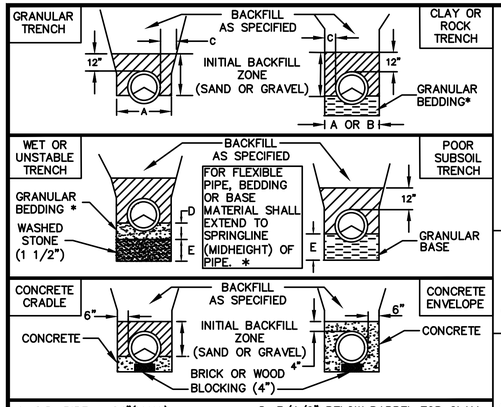
GRADING PLAN

USDA CENTER
BC ARCHITECTURE
SHAWNEE DRIVE
ALMA, WI 54610

DWG NAME 25082 PG5 GRADING
DATE 11/2025

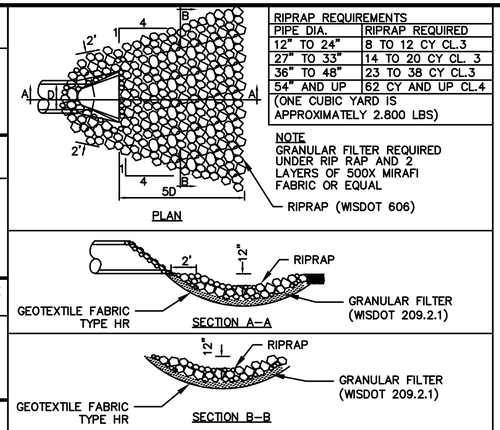


A=O.D. PIPE + 24"(MAX.)
B=O.D. PIPE + 18"(MAX.) FOR ROCK
C=6" MIN.

D=3/4/6" BELOW BARREL FOR CLAY
E=DETERMINED BY A/E

STANDARD TRENCH SECTION

C 100 NOT TO SCALE



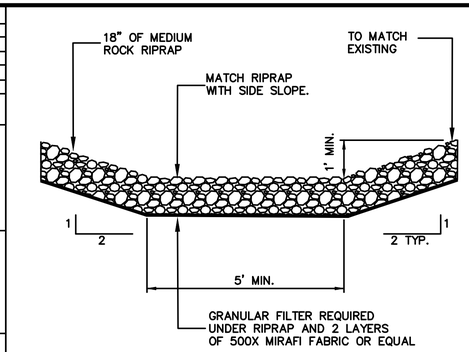
RIPRAP REQUIREMENTS	
PIPE DIA.	RIPRAP REQUIRED
12" TO 24"	8 TO 12 CY CL.3
27" TO 33"	14 TO 20 CY CL. 3
36" TO 48"	23 TO 38 CY CL.3
54" AND UP	62 CY AND UP CL.4

(ONE CUBIC YARD IS APPROXIMATELY 2.800 LBS)

NOTE
GRANULAR FILTER REQUIRED UNDER RIP RAP AND 2 LAYERS OF 500X MIRAFI FABRIC OR EQUAL

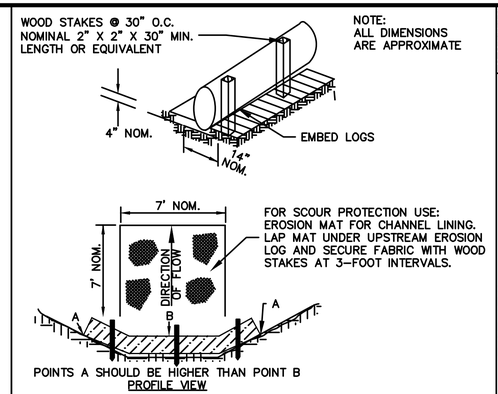
RIPRAP CULVERT DISCHARGE DETAIL

C 111 NOT TO SCALE



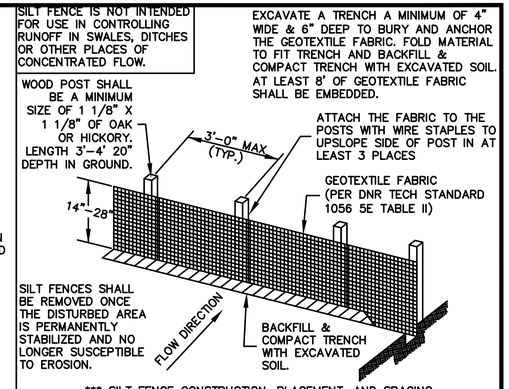
TYPICAL RIPRAP FLOW DISSIPATION SECTION

C 122 NOT TO SCALE



PROPER PLACEMENT OF EROSION LOG BARRIER IN DRAINAGE WAY

C 205 NOT TO SCALE



*** SILT FENCE CONSTRUCTION, PLACEMENT, AND SPACING SHOULD *** COMPLY WITH WIDNR TECHNICAL STANDARD–1056, LATEST REVISION. WHEN DISCREPANCIES APPEAR, THE TECHNICAL STANDARD–1056 SHALL SUPERSEDE.

SILT FENCE DETAIL

C 210 NOT TO SCALE

GENERAL NOTES EROSION MAT

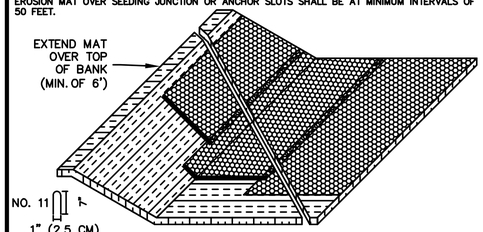
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

LAP JOINTS SHALL NOT BE PLACED IN THE BOTTOM OF V–SHAPED DITCHES.

JUNCTION SLOTS ON ADJACENT STRIPS OF MATTING SHALL BE STAGGERED A MINIMUM OF 4 FEET (1.219 M) APART.

EDGES OF THE EROSION MAT SHALL IMPRESSED IN THE SOIL.

EROSION MAT OVER SEEDING JUNCTION OR ANCHOR SLOTS SHALL BE AT MINIMUM INTERVALS OF 50 FEET.

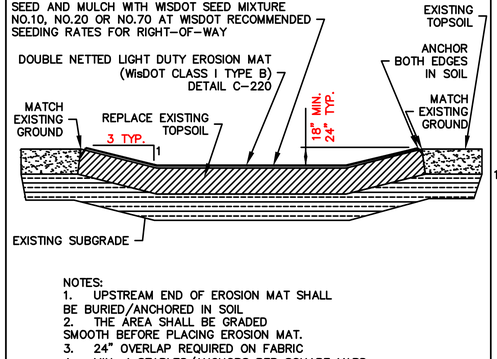


1. A MINIMUM OF TWO (2) ANCHORS OR STAPLES SHALL BE USED PER SQUARE YARD FOR CLASS I TYPE A MATS.

2. A MINIMUM OF FOUR (4) ANCHORS OR STAPLES SHALL BE USED PER SQUARE YARD FOR CLASS I TYPE B MATS (CHANNELIZED)

EROSION CONTROL MAT

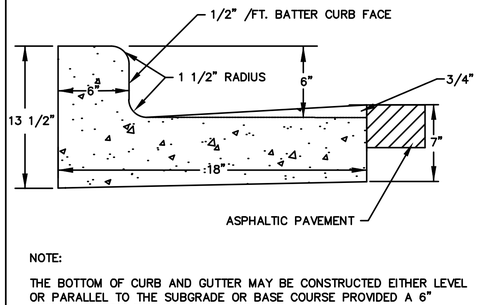
C 220 NOT TO SCALE



NOTES:
1. UPSTREAM END OF EROSION MAT SHALL BE BURIED/ANCHORED IN SOIL
2. THE AREA SHALL BE GRADED SMOOTH BEFORE PLACING EROSION MAT.
3. 24" OVERLAP REQUIRED ON FABRIC
4. MIN. 4 STAPLES/ANCHORS PER SQUARE YARD
5. EROSION MAT TO BE WISDOT CLASS I TYPE B OR APPROVED EQUAL

GRASS SWALE WITH EROSION CONTROL MAT

C 224 NOT TO SCALE

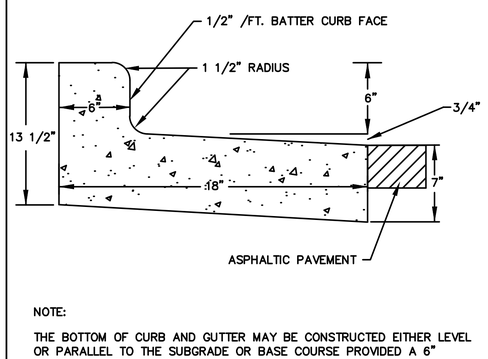


NOTE:

THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SUBGRADE OR BASE COURSE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

18" CURB AND GUTTER DETAIL (TYPE "D")

C 300 NOT TO SCALE

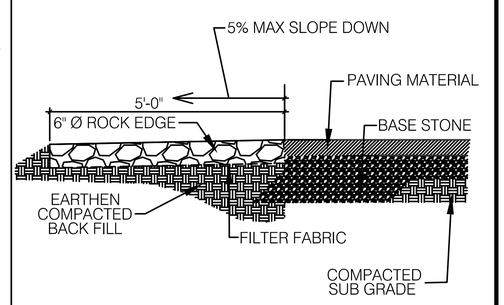


NOTE:

THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SUBGRADE OR BASE COURSE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

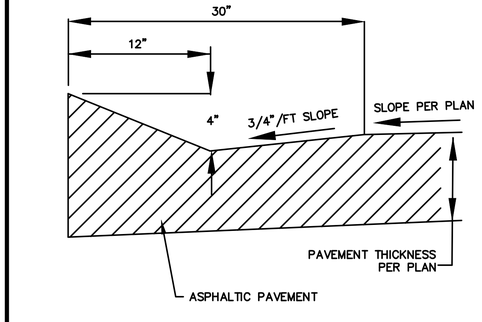
18" CURB AND GUTTER DETAIL TIPPED OUT (TYPE "D")

C 302 NOT TO SCALE



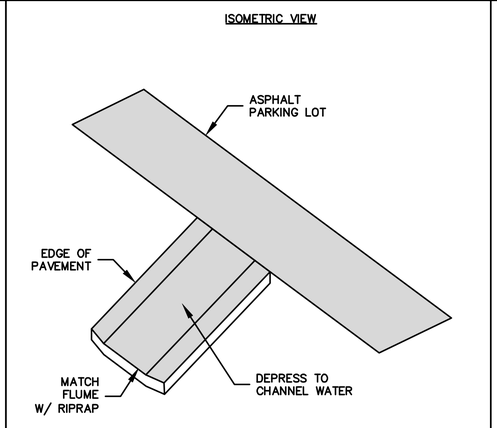
5' ROCK SHOULDER

C 320 NOT TO SCALE



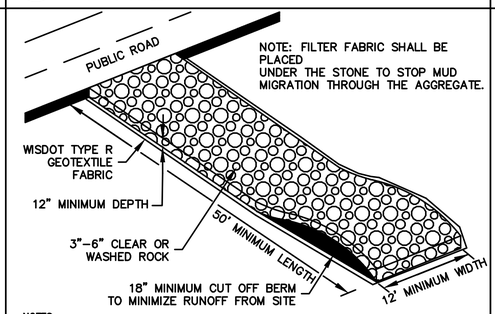
BITUMINOUS CURB

C 340 NOT TO SCALE



BIT FLUME

C 383 NOT TO SCALE



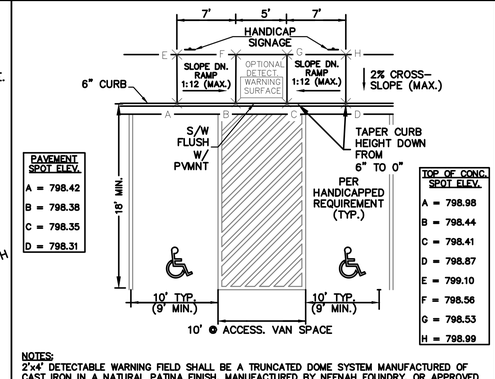
NOTES:
1. IF A 50–FT PAD LENGTH IS NOT POSSIBLE DUE TO SITE GEOMETRY, INSTALL THE MAXIMUM LENGTH PRACTICABLE AND SUPPLEMENT WITH ADDITIONAL PRACTICES AS NEEDED.

2. SLOPE THE TRACKING PAD IN A MANNER TO DIRECT RUNOFF TO AN APPROVED TREATMENT PRACTICE.

3. INSTALL TRACKING PAD ACROSS FULL WIDTH OF THE ACCESS POINT, OR RESTRICT TRAFFIC TO A DEDICATED EGRESS LANE AT LEAST 12–FEET WIDE ACROSS THE TOP OF THE PAD.

STONE TRACKING PAD AND TIRE WASHING DETAIL

C 400 NOT TO SCALE



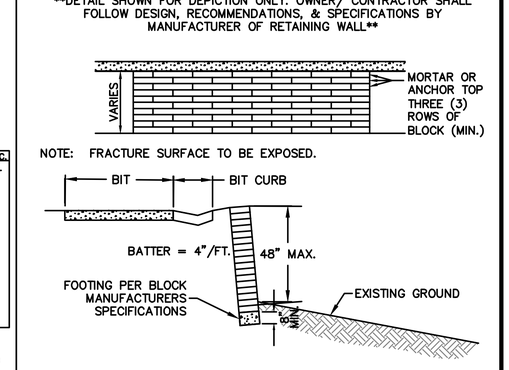
NOTES:
2'x4' DETECTABLE WARNING FIELD SHALL BE A TRUNCATED DOME SYSTEM MANUFACTURED OF CAST IRON IN A NATURAL PATINA FINISH, MANUFACTURED BY NEENAH FOUNDRY, OR APPROVED EQUAL. INSTALL AS PER MANUFACTURER'S SPECIFICATIONS. USAGE IS OPTIONAL UNLESS THE DIRECTION OF TRAVEL IS IMMEDIATELY INTO TRAFFIC.

THE SURFACE TEXTURE OF THE RAMP (EXCLUDING ANY TRUNCATED DOME PANEL) SHALL BE A COARSE BROOMED FINISH, TRANSVERSE TO THE SLOPE OF THE RAMP.

DUAL HANDICAP RAMP DETAIL

C 434 NOT TO SCALE

DETAIL SHOWN FOR DEPICTION ONLY. OWNER/ CONTRACTOR SHALL FOLLOW DESIGN, RECOMMENDATIONS, & SPECIFICATIONS BY MANUFACTURER OF RETAINING WALL



SEGMENTAL BLOCK RETAINING WALL

C 458 NOT TO SCALE

NO.	DATE	REVISIONS	DRAFTED BY	DESIGN BY	CHECKED

PROJ. NO. 25082

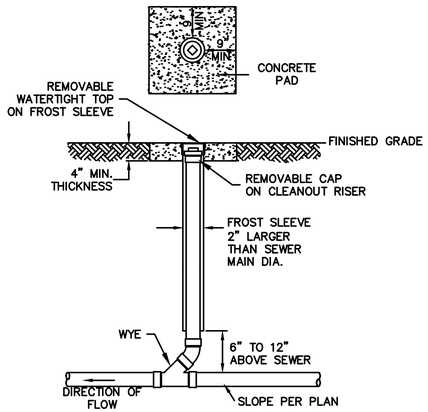
ADVANCED ENGINEERING CONCEPTS
1360 INTERNATIONAL DR
EAU CLAIRE, WI 54701
PH: 715–552–0330
Info@aec.engineering

DETAILS

USDA CENTER
BC ARCHITECTURE
SHAWNEE DRIVE
ALMA, WI 54610

DWG NAME 25082 PG6 DETAILS

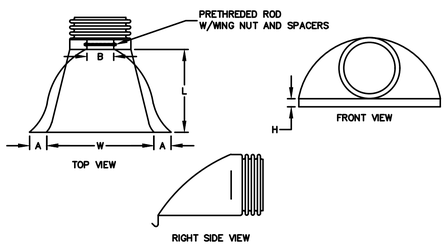
DATE 11/2025



S 206

STORM SEWER CLEANOUT

NOT TO SCALE

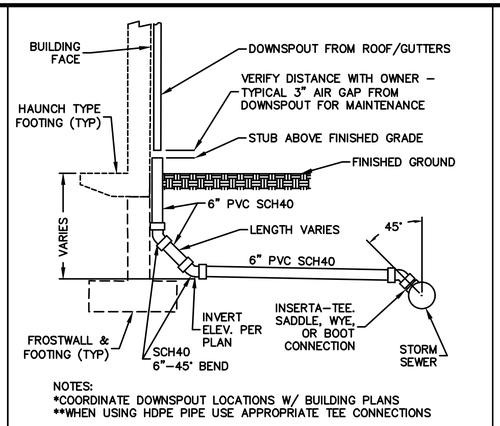


PART#	PIPE SIZE	A	B(MAX)	H	L	W
	8"	SEE MANUFACTURERS SPECIFICATIONS				
	10"	SEE MANUFACTURERS SPECIFICATIONS				
1210NP	12"	6 1/2"	10"	6 1/2"	25"	29"
1510NP	15"	6 1/2"	10"	6 1/2"	25"	29"
1810NP	18"	7 1/2"	15"	6 1/2"	32"	35"
2410NP	24"	7 1/2"	18"	6 1/2"	36"	45"
3015NP	30"	7 1/2"	22"	8 5/8"	58"	63"
3615NP	36"	7 1/2"	25"	8 5/8"	58"	63"

SS 460

FLARED END SECTION FOR HDPE

NOT TO SCALE



NOTES:
*COORDINATE DOWNSPOUT LOCATIONS W/ BUILDING PLANS
**WHEN USING HDPE PIPE USE APPROPRIATE TEE CONNECTIONS

SS 500

DOWNSPOUT COLLECTION DETAIL

NOT TO SCALE

NO.	DATE	REVISIONS	DRAFTED BY	DESIGN BY	CHECKED
–	–	–	–	–	–

PROJ. NO. 25082

ADVANCED ENGINEERING CONCEPTS
1360 INTERNATIONAL DR
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DETAILS

USDA CENTER
BC ARCHITECTURE
SHAWNEE DRIVE
ALMA, WI 54610

DWG NAME 25082 PG6 DETAILS

DATE 11/2025

GENERAL STRUCTURAL NOTES

1. DESIGN CODE
   - A. INTERNATIONAL BUILDING CODE 2021 WITH WISCONSIN AMENDMENTS
   - B. BUILDING CATEGORY: II
2. FUTURE CONSTRUCTION: NONE
3. BUILDING DESIGN LOADS
   - A. SNOW LOADS
     - I. GROUND SNOW LOAD: 50 PSF
     - II. FLAT SNOW: 38.5 PSF + DRIFT
     - III. SNOW THERMAL FACTOR: 1.1 PITCHED
     - IV. SNOW EXPOSURE FACTOR: 1.0
     - V. THERMAL FACTOR: 1.1
   - B. WIND LOADS
     - I. BASIC WIND SPEED (3 SEC): 115 MPH
     - II. ALLOWABLE DESIGN WIND SPEED: 90 MPH
     - III. WIND IMPORTANCE FACTOR: 1.0
     - IV. EXPOSURE CLASSIFICATION: C
     - V. BUILDING ENCLOSURE: ENCLOSED
     - VI. COMPONENTS AND CLADDING: BY COMPONENTS AND CLADDING ENGINEER
   - C. SEISMIC LOADS
     - I. WIND CONTROLS
4. MATERIALS AND STRENGTHS
   - A. THE MATERIAL STRENGTHS AND STANDARDS LISTED HERE REPRESENT A SELECTED SUMMARY OF THE REQUIREMENTS NOTED IN THE SPECIFICATION. IN CASE OF DISCREPANCY BETWEEN THESE NOTES AND THE SPECIFICATIONS, THESE NOTES SHALL GOVERN.
   - B. ALLOWABLE SOIL BEARING PRESSURE CAPACITY: 1,500 PSF GENERAL CONTRACTOR TO FIELD VERIFY
     - I. SEE ADDITIONAL REQUIREMENTS GIVEN IN SOIL AND EARTHWORK SECTION OF GENERAL STRUCTURAL NOTES.
   - C. CONCRETE
     - I. FOOTINGS: 3,000 PSI
     - II. FOUNDATION WALLS WITH INTEGRAL PIERS: 4,000 PSI WITH AIR
     - III. SLAB ON GRADE (HEATED): 4,000 PSI
     - IV. SLAB ON GRADE (UNHEATED OR EXTERIOR): 4,500 PSI WITH AIR
       1. UNHEATED SLABS ARE ANY SLABS EXPOSED TO FREEZING AND THAWING. THIS INCLUDES INTERIOR COLD STORAGE OR UNHEATED GARAGE BUILDINGS.
       2. CONCRETE EXPOSED TO FREEZING AND THAWING SHALL CONTAIN 5-% OF AIR ENTRAINMENT.
     - V. NON-SHRINK GROUT: 8,000 PSI
     - VI. LIMIT WATER CEMENT RATIO OF ALL AIR ENTRAINED CONCRETE TO 0.46.
     - VII. ALL CONCRETE STRENGTHS ARE TO BE THE MINIMUM AT 28 DAYS.
     - VIII. REINFORCING /REINFORCING STEEL
       1. FLAT SHEET WELDED WIRE FABRIC: 65,000 PSI ASTM A185 DO NOT USE ROLLED SHEETS.
       2. DEFORMED BARS: 60,000 PSI ASTM A615
       3. WELDABLE DEFORMED BARS: 60,000 PSI ASTM A706
       4. MICRO/MACRO SYNTHETIC FIBERS: ASTM C1116
     - IX. ANCHOR RODS: 36,000 PSI
   - D. COLD FORMED METAL
     - I. 18 GAUGE OR THINNER: 33,000 PSI ASTM A653
     - II. 16 GAUGE OR THICKER: 50,000 PSI ASTM A653
     - III. GALVANIZED THICKNESS: G60
     - IV. WELD ELECTRODES: E60XX
   - E. DIMENSIONAL LUMBER
     - I. WALLS STUDS, JOISTS, BEAMS AND PLATES: SPRUCE-PINE-FIR #2 OR BETTER
       1. FB: 875 PSI
       2. FV: 135 PSI
       3. FC PARALLEL: 1,160 PSI
       4. E: 1,450 KSI
     - II. POSTS: DOUG-FIR-LARCH #2 OR BETTER
       1. FB: 760 PSI
       2. FV: 180 PSI
       3. FC PARALLEL: 710 PSI
       4. E: 1,350 KSI
     - III. LVL: GRADE 2.0 E
       1. FB: 2,920 PSI
       2. FV: 290 PSI
       3. E: 2,000 KSI
     - IV. ORIENTATED STRAND BOARD: OSB
       1. FB: 600 PSI
       2. FV: 150 PSI
       3. FC PERPENDICULAR: 500 PSI
       4. E: 550 KSI
5. GENERAL
   - A. LIMITS OF DESIGN RESPONSIBILITY ARE FOR THE STRUCTURES SHOWN WITHIN THESE DOCUMENTS ONLY, FOR THE ONE TIME CONSTRUCTION AT THIS SINGLE SITE ONLY.
   - B. THIS PROJECT WAS NOT DESIGNED ACCORDING TO ANY SPECIFIC DESIGN GUIDELINES OF ANY SPECIFIC INSURANCE UNDERWRITER.
   - C. THESE STRUCTURAL NOTES DO NOT REPLACE THE PROJECT SPECIFICATIONS, DETAILS OR DRAWINGS. THESE NOTES ARE APPLICABLE UNLESS NOTED OTHERWISE ON STRUCTURAL DRAWINGS OR SPECIFICATIONS.
   - D. USE LATEST EDITION OR REVISION FOR ALL REFERENCED CODES AND/OR SPECIFICATIONS.
   - E. SIZE AND LOCATION OF ALL ROOF, FLOOR AND WALL OPENINGS TO BE VERIFIED WITH MECHANICAL AND ELECTRICAL CONTRACTORS REQUIRING SUCH OPENINGS.
   - F. MAJOR OPENING LOCATIONS AND SIZES ARE INDICATED ON THE STRUCTURAL DRAWINGS. SMALLER OPENINGS AND SLEEVES REQUIRED TO ACCOMMODATE VARIOUS BUILDING SERVICES MAY NOT BE NOTED. CONSULT ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR LOCATION AND DIMENSIONS OF CURBS, PADS, INSERTS, SLEEVES, DRIPS, VAPOR BARRIERS, REGLETS, REVEALS, DEPRESSIONS AND OTHER PROJECT REQUIREMENTS NOT SHOWN ON STRUCTURAL DRAWINGS.
   - G. CONSULT ARCHITECT FOR ANY NECESSARY DIMENSIONS WHICH ARE NOT SHOWN ON THE PLANS. SCALING OF THE DRAWINGS IS NOT PERMITTED.
   - H. SIMILAR PORTIONS OF THE BUILDING SHALL HAVE SIMILAR DETAILING UNLESS NOTED OTHERWISE.
   - I. ELEVATIONS SHOWN ON PLANS ARE TO TOP OF STEEL, CONCRETE OR PLYWOOD/OSB UNLESS NOTED OTHERWISE.
   - J. ALL WORK SHALL CONFORM TO OSHA REQUIREMENTS. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION SAFETY MEASURES.
   - K. STRUCTURAL MEMBERS INCLUDING JOISTS, SLABS, BEAMS, TRUSSES, COLUMNS AND WALLS ARE DESIGNED FOR "IN PLACE" COMPLETED STATE LOADS. CONTRACTOR IS RESPONSIBLE FOR BRACING WITHOUT OVERSTRESSING ALL STRUCTURAL ELEMENTS (AS REQUIRED AT ANY STAGE OF CONSTRUCTION) UNTIL COMPLETION OF THIS PROJECT.
   - L. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS AND METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION INCLUDING, BUT NOT LIMITED TO: TEMPORARY BRACING, SUPPORTS, SHORTING FORMING TO SUPPORT IMPOSED CONSTRUCTION LOADS AND OTHER SIMILAR ITEMS.
   - M. THE STRUCTURE SHALL BE CONSTRUCTED IN SUCH A SEQUENCE THAT WILL NOT IMPOSE LOADS OR STRESSES HIGHER OR IN A MANNER DIFFERENT THAN HOW THE MEMBER WAS TO PERFORM IN ITS FINAL ERECTED POSITION. NOTIFY THE ENGINEER OF RECORD IN WRITING OF ANY QUESTIONS OR CONCERNS REGARDING THE STRUCTURE IN A TEMPORARY CONSTRUCTION POSITION/LOADING CONDITION PRIOR TO ERECTION.
   - N. IN NO CASE SHALL STRUCTURAL ALTERATIONS OR WORK AFFECTING A STRUCTURAL MEMBER(S) BE MADE UNLESS APPROVED BY THE ENGINEER OF RECORD.
   - O. LATERAL BRACING FOR NON-STRUCTURAL ELEMENTS TO BE DESIGNED AND DETAILED BY COMPONENT SUPPLIERS. ALL LOADS ARE TO BE DIRECTLY APPLIED TO THE ROOF OR FLOOR DIAPHRAGMS. BRACES SHALL NOT ATTACH DIRECTLY TO BOTTOM FLANGES OF BEAMS OR JOIST BOTTOM CHORDS.
   - P. HOLES, NOTCHES, BLOCK OUTS AND OTHER SIMILAR FIELD MODIFICATIONS TO STRUCTURAL MEMBERS NOT SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS OR APPROVED SHOP DRAWINGS ARE NOT PERMITTED.
   - Q. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL FOR ALL STRUCTURAL COMPONENTS PRIOR TO INSTALLATION.
   - R. IT IS THE ENGINEER OR RECORDS ASSUMPTION THAT THE CONTRACTOR SHALL REVIEW THE SHOP DRAWINGS PRIOR TO SUBMITTAL AND MAKE ANY CORRECTIONS REQUIRED.
6. SOILS AND EARTHWORK
   - A. IF NO SOIL REPORT IS AVAILABLE, THE GENERAL CONTRACTOR SHALL FIELD VERIFY SOIL BEARING CAPACITIES WITH FIELD TESTING BY A GEOTECHNICAL ENGINEER PRIOR TO FOUNDATION INSTALLATION. NOTIFY ENGINEER OF RECORD RESULTS OF GEOTECHNICAL FIELD TESTING.
   - B. FOUNDATIONS ARE ASSUMED TO BE PLACED ON NATIVE MATERIAL OR PROPERLY COMPACTED STRUCTURAL FILL.
   - C. SUBGRADE SOIL CONDITION NOTE
     - I. CONTRACTOR SHALL REMOVE AND REPLACE ANY POOR SOIL/FILL FOR NEW FOUNDATION SYSTEM AND CONCRETE SLAB ON GRADE CONDITIONS. CONTRACTOR TO REVIEW GEOTECHNICAL REPORT FOR LOCATIONS, QUANTITIES AND EXTENT PRIOR TO BID. REPLACE WITH ENGINEERED FILL PER GEOTECHNICAL REPORT RECOMMENDATIONS WITH PROPER COMPACTION OF 98%.
     - II. WHERE FILL MATERIAL IS REQUIRED ON BOTH SIDES OF GRADE BEAMS OR WALLS, IT SHALL BE PLACED SIMULTANEOUSLY. REFER TO GEOTECHNICAL REPORT FOR TYPE AND PLACING FILL.
     - III. WHERE FILL MATERIAL IS PLACED ON ONE SIDE OF WALL, THE MAXIMUM HEIGHT OF COMPACTED FILL SHALL BE 4 FT. BACKFILL MORE THAN 4 FT SHALL REQUIRE WALLS TO BE ADEQUATELY BRACED PRIOR TO SUPPORTING FLOOR SLABS HAVE BEEN FULL CONSTRUCTED, POURED AND SET.
7. CAST-IN-PLACE CONCRETE
   - A. DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST PROVISIONS OF ACI 318/318R.
   - B. CONTRACTOR TO PROVIDE CONCRETE MIX DESIGNS BY SUPPLIER FOR REVIEW PRIOR TO CONSTRUCTION.
   - C. CENTER COLUMNS ON FOOTING CENTERLINES UNLESS NOTED OTHERWISE.
   - D. ALL FOOTING TOP REINFORCEMENT SHALL BE ADEQUATELY SUPPORTED BY STEEL SUPPORTS FROM GRADE BELOW.
     - I. ANCHOR BOLTS SHALL BE SET TO THE FOLLOWING TOLERANCES:
       1. ELEVATION OF TOP OF BOLT PLUS 1" TO MINUS 3/8"
       2. OUT OF POSITION OF ANCHOR BOLTS PLUS OR MINUS 1/8"
   - E. PROTECT IN PLACE FOUNDATIONS AND SLABS FROM FROST PENETRATION UNTIL PROJECT COMPLETION.
   - F. REINFORCING CLEAR COVER SHALL BE AS NOTED BELOW UNLESS NOTED OTHERWISE ON STRUCTURAL DRAWINGS.
     - I. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3"
       1. CONCRETE EXPOSED TO EARTH OR WEATHER: 2"
       2. CONCRETE NOT EXPOSED TO EARTH OR WEATHER: 1.5"
   - G. ALL BAR SPLICES SHALL BE CONTACT LAP SPLICED USING CLASS B TENSION LAP LENGTH WITH ADJACENT LAPS STAGGERED A MINIMUM OF 3 FT UNLESS DETAILED OTHERWISE.
   - H. LAP WELDED WIRE FABRIC A MINIMUM OF 8 INCHES (WIRE SPACING PLUS 2").
   - I. NOTIFY ENGINEER OF RECORD PRIOR TO ANY FIELD WELDING REINFORCING.
   - J. CONCRETE COLUMNS OR PIERS SHOWN INTEGRAL WITH CONCRETE WALLS SHALL BE POURED MONOLITHICALLY WITH ADJACENT CONCRETE WALLS.
   - K. MAXIMUM CONTROL JOINT SPACING WITH IN WALLS SHALL BE 40 FT.
   - L. MAXIMUM CONTROL JOINT SPACING WITH SLAB ON GRADE SHALL BE 12 FT EACH DIRECTION.
   - M. CONSTRUCTION JOINTS MAY BE UTILIZED AS CONTROL JOINTS FOR SLAB ON GRADE AND CAST IN PLACE CONCRETE WALLS.
   - N. CONSTRUCTION JOINTS - MAXIMUM SIZE OF CONCRETE POURS SHALL BE LIMITED TOO:
     - I. SLABS ON GRADE: 3,600 SF WITH MAXIMUM DIMENSION OF 60 FT
     - II. WALLS: 100 FT MAX LENGTH
     - III. CONCRETE OVER METAL DECK: 10,000 SF WITH MAXIMUM DIMENSION OF 100 FT
   - O. HORIZONTAL CONSTRUCTION JOINTS ARE NOT PERMITTED IN SLAB OR BEAM MEMBERS.
   - P. SAW CUTTING CONTROL JOINTS SHALL TAKE PLACE WITHIN 6 TO 12 HOURS AFTER FINISHING CONCRETE.
   - Q. PROVIDE A ¾" CHAMFER ON EXPOSED CORNERS. TOP EDGES OF WALLS SHALL BE TOOLED UNLESS NOTED OTHERWISE.
   - R. ENGINEER OR RECORD PRIOR TO FIELD CORING WALLS, SLABS, BEAMS COLUMNS OR ANY OTHER STRUCTURAL MEMBER.
   - S. THE USE OF ALUMINUM (CONDUIT OR OTHER) IS PROHIBITED UNLESS EFFECTIVELY COATED OR COVERED.
   - T. CONDUITS OUTSIDE DIAMETER SHALL NOT BE LARGER THAN ¼ OVERALL THICKNESS OF WALL, SLAB, OR BEAM IN WHICH THEY ARE EMBEDDED.
   - U. BUNDLING OF CONDUITS AND PIPES IS PROHIBITED. WHERE MULTIPLE CONDUITS AND PIPES OCCUR, THEY SHALL NOT BE SPACED CLOSER THAN THREE DIAMETERS OR WIDTHS ON CENTER.
   - V. PLACE CONDUIT IN CENTER THIRD OF SLAB. USE CHAIRS OR BOLSTERS FOR SUPPORT. DO NOT DISPLACE REINFORCING
   - W. SPECIFIED CONCRETE COVER FOR PIPES, CONDUITS AND FITTINGS SHALL NOT BE LESS THAN 1.5" FOR CONCRETE EXPOSED TO WEATHER OR EARTH AND 1" FOR CONCRETE NOT EXPOSED TO WEATHER OR EARTH.
8. DIMENSIONAL LUMBER
   - A. CONTRACTOR TO MAKE PROVISIONS FOR TEMPORARY CONSTRUCTION LOADS AND PROVIDE SUPPORT BRACING SUFFICIENT TO MAINTAIN STRUCTURE IN TRUE ALIGNMENT AND SAFE CONDITION UNTIL COMPLETION OF THE PROJECT.
   - B. ALL MEMBER SIZES GIVEN ON PLAN ARE NOMINAL DIMENSIONS.
   - C. ALL MEMBERS EXPOSED OR IN DIRECT CONTACT WITH CONCRETE, MASONRY OR WEATHER SHALL BE TREATED.
   - D. STRUCTURAL MEMBERS TREATED OR NOT TREATED SHALL NOT BE IN DIRECT CONTACT WITH THE EARTH.
   - E. MAXIMUM MOISTURE CONTENT TO BE KILN DRIED AT MC19.
   - F. SET STRUCTURAL MEMBERS LEVEL, PLUMB AND TRUE TO LINE. DISCARD PIECES WITH DEFECTS.
   - G. INSTALL MEMBERS FULL LENGTH WITHOUT SPLICES UNLESS DETAILED OTHERWISE.
   - H. PROVIDE BRIDGING IN JOISTS IN EXCESS OF 8 FT. AND FIT SOLID BLOCKING AT ENDS OF MEMBERS.
   - I. PROVIDE FRAMING AND BLOCKING MEMBERS AS INDICATED OR AS REQUIRED TO SUPPORT FINISHES, FIXTURES AND SPECIALTY ITEMS AND TRIM.
   - J. ALL BEAMS AND JOISTS NOT BEARING ON SUPPORTING MEMBERS SHALL BE FRAMED WITH PREFABRICATED METAL JOIST HANGERS OF REQUIRED CAPACITY AND SUPPLIED BY THE WOOD SUPPLIER.
   - K. ALL PLYWOOD OR OSB SUBFLOOR AND ROOF SHEATHING SHALL BE EXTERIOR GRADE CONFORMING TO THE RECOMMENDATIONS OF THE AMERICAN PLYWOOD ASSOCIATION.
9. PREFABRICATED WOOD TRUSSES
   - A. WOOD TRUSSES SHALL BE DESIGNED TO WITHSTAND THE ROOF LIVE LOADS, DEAD LOADS, WIND LOADS, CONCENTRATED LOADS AND CANTILEVERS AS INDICATED ON THE STRUCTURAL AND ARCHITECTURAL PLANS.
   - B. TRUSS SPACING TO NOT EXCEED 24" OC MAX.
   - C. WOOD TRUSSES AND TRUSS CONNECTIONS ARE TO BE A PRE-ENGINEERED BUILDING COMPONENT. SHOP DRAWINGS AND CALCULATIONS CERTIFIED BY A PROFESSIONAL ENGINEER IN THE STATE THE PROJECT IS LOCATED.
   - D. WOOD TRUSS SUPPLIER SHALL PROVIDE PERMANENT BRACING, BRIDGING, BLOCKING AND CONNECTION COMPONENTS FOR A COMPLETE BUILDING COMPONENT INSTALLATION.
   - E. TRUSS SUPPLIER SHALL BE DESIGNED TO THE FOLLOWING LOAD CRITERIA
     - I. ROOF TOP CHORD LIVE LOAD: SEE DESIGN LIVE LOADS IN SECTION 3 ABOVE
     - II. ROOF TOP CHORD DEAD LOAD: 18 PSF
     - III. ROOF BOTTOM CHORD DEAD LOAD: 8 PSF
   - F. TRUSSES SHALL BE DESIGNED AND FABRICATED IN ACCORDANCE WITH ANSI /TPI 1 LATEST ADDITION.
10. MISCELLANEOUS
    - A. REFER TO THE MOST CURRENT SET OF ARCHITECTURAL DOCUMENTS FOR ADDITIONAL INFORMATION.
    - B. NOTIFY ENGINEER OF RECORD IN WRITING OF ANY DISCREPANCIES FOUND BETWEEN THE ARCHITECTURAL DOCUMENTS, EXISTING DOCUMENTS, STRUCTURAL DOCUMENTS AND ACTUAL EXISTING CONDITIONS.
    - C. OWNER / CONTRACTOR TO NOTIFY ENGINEER OF RECORD IN WRITING OF ANY DISCREPANCIES OR CHANGES TO THE CONDITIONS SHOWN ON THE DOCUMENTS.
    - D. OWNER / CONTRACTOR TO COORDINATE ALL EMBEDDED ITEMS AND ANCHORAGES OF THE EQUIPMENT TO BE CAST INTO THE NEW FOUNDATIONS.
    - E. CONTRACTOR SHALL SURVEY AND VERIFY ALL EXISTING DIMENSIONS, ELEVATIONS AND CONDITIONS PRIOR TO SHOP FABRICATION OR CONSTRUCTION.

BC Architecture

OAKMONTE, LLC
USDA CENTER
S1587 SHAWNEE DRIVE, ALMA, WISCONSIN 54610

MARK	DATE	DESCRIPTION

DRAWN BY: BC
JOB NO: 25-010
DATE: 11.26.25

STRUCTURAL SPECIFICATIONS

S001

CONSTRUCTION SET

FOUNDATION WALL SCHEDULE

MARK	THICKNESS	REINFORCEMENT	COMMENTS
FW8	8"	W/ #5 12" OC EW CENTERED	
FW12	1' - 0"	W/ #5 12" OC EW CENTERED	6" BRICK LEDGE

WALL FOOTING SCHEDULE

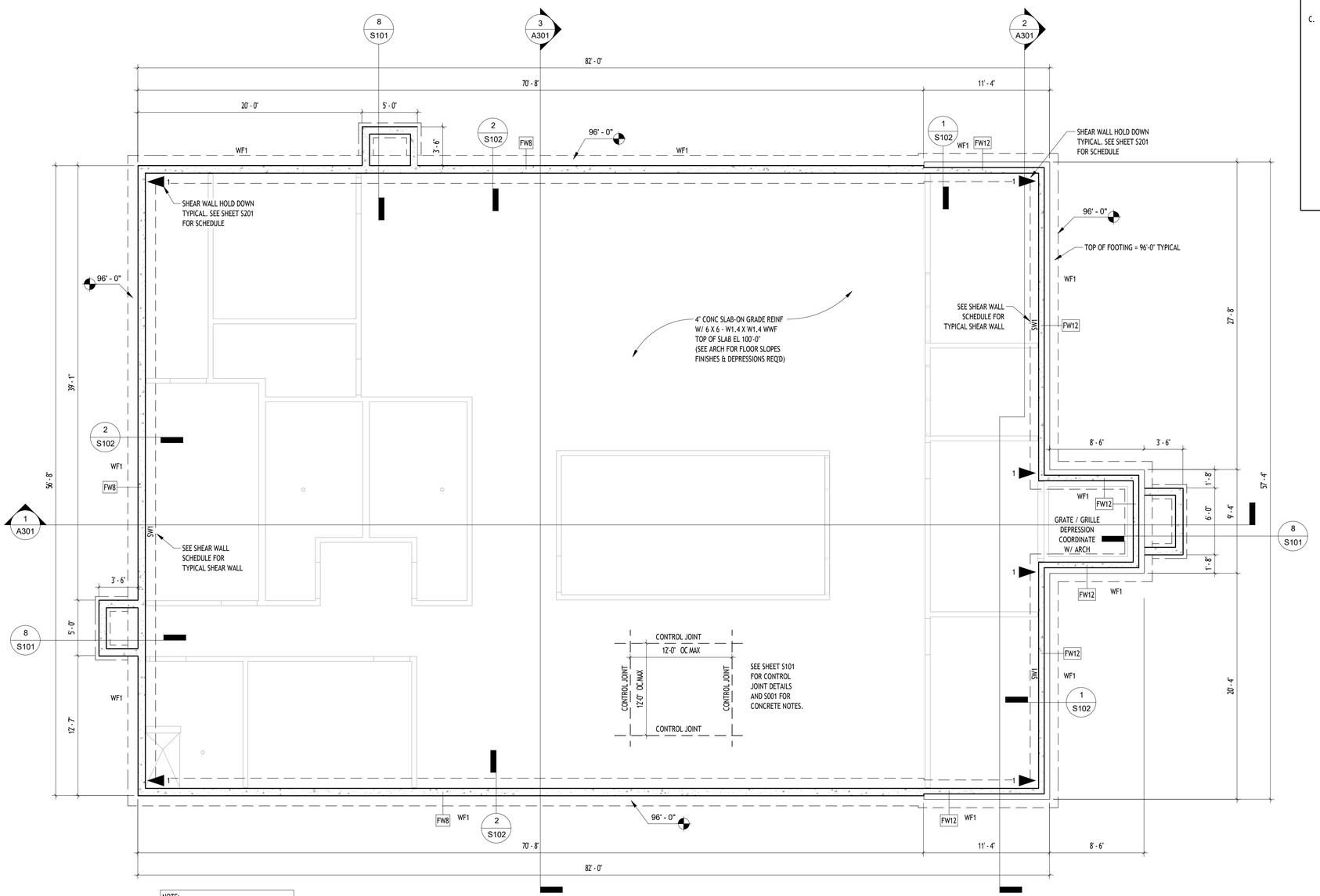
MARK	SIZE		REINFORCEMENT	COMMENTS
	WIDTH	THICKNESS		
WF1	2' - 6"	1' - 0"	3 - #5 X CONT BOTTOM	

GENERAL NOTES - FOUNDATION PLAN NOTES

A. GENERAL
1. SEE SHEET S001 FOR GENERAL STRUCTURAL NOTES AND SHEET S101 TYPICAL DETAILS.
2. VERIFY ALL SLAB DEPRESSION DEPTHS AND LOCATIONS WITH ARCHITECT, MECHANICAL, AND ELECTRICAL CONTRACTORS.
3. VERIFY SIZES AND LOCATIONS OF TUNNELS, ELECTRICAL CELLS, PITS, PIPES, FLOOR DRAINS, TRENCHES AND FLOOR RECESSES WITH ARCHITECT, MECHANICAL, AND ELECTRICAL CONTRACTORS.

B. FOOTINGS
1. "F-" DENOTES COLUMN FOOTING MARK. SEE SCHEDULE ON SHEET S100 FOR SIZE AND REINFORCING.
2. "WF-" DENOTES WALL FOOTING MARK. SEE SCHEDULE ON SHEET S100 FOR SIZE AND REINFORCING.
3. 2" RIGID INSULATION SHALL BE PROVIDED AS INDICATED FOR FROST PROTECTION AROUND THE ENTIRE BUILDING.
4. ALL FOOTINGS SHALL BE CENTERED BELOW COLUMNS AND WALLS, UNLESS DIMENSIONED OTHERWISE.

C. SLAB ON GRADE
1. TOP OF SLAB ELEVATION = 100'-0" UNLESS NOTED OTHERWISE ON PLAN.
2. SLAB SHALL BE 4" THICK CONCRETE ON 6" UNDISTURBED CLEAN GRANULAR SOILS OR PROPERLY COMPACTED STRUCTURAL FILL.
3. REINFORCE SLAB W/ 6 X 6 - W1.4 X W1.4 WWF CENTERED IN SLAB.
4. PROVIDE SLAB CONTROL JOINT (CJ) AS DETAILED ON SHEET S101. MAXIMUM CJ SPACING TO BE 12'-0" OC IN EACH DIRECTION.
5. PROVIDE SLAB CONSTRUCTION JOINT (CONSTR JT) AS DETAILED ON SHEET S101. CONSTR JT SHOULD BE LOCATED AT A CONTROL JT/GRID LINE AS REQUIRED.
6. PROVIDE 2 - #5 X 4' - 0" DIAGONAL REINFORCING BARS AT ALL RE-ENTRANT CORNERS OF SLAB ON GRADE.
7. SEE ARCHITECTURAL SHEETS FOR FLOOR SLOPES, DRAINS, RECESSIONS AND DEPRESSIONS.
8. COLLATED FIBER REINFORCING MAY BE USED INLIEU OF WELDED WIRE FABRIC FOR THE 4" SLAB ON GRADE. MINIMUM AMOUNT OF FIBER REINFORCING TO BE 1.5 POUNDS PER CUBIC YARD. FINAL DOSAGE AMOUNT BY CONCRETE SUPPLIER.



NOTE:
FOUNDATION IS DESIGNED BASED ON ASSUMED 1,500 PSF LOADING. CONTRACTOR TO CONFIRM / VERIFY ADEQUATE CONDITIONS FOR COMPACTED FILL & NATIVE SOIL AS REQD BASE ON DESIGN.

1 S100 **FOUNDATION PLAN**
3/16" = 1'-0"

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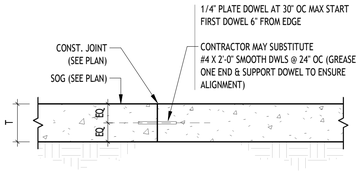
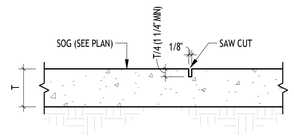
FOUNDATION PLAN

S100

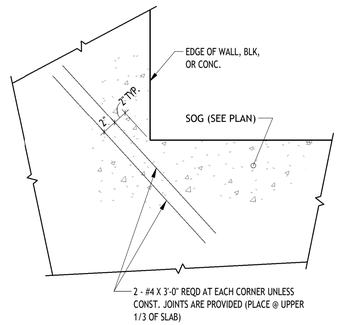
CONSTRUCTION SET



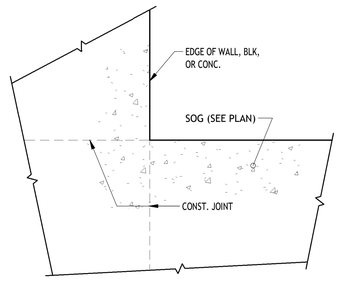
1 S101 **SOG - CONSTRUCTION JOINT**
N.T.S.



2 S101 **SOG - CONTROL JOINT**
N.T.S.

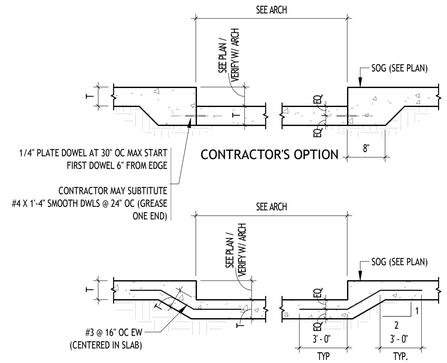


RE-ENTRANT CORNERS W/O CONST. JOINT



RE-ENTRANT CORNERS W/ CONST. JOINT

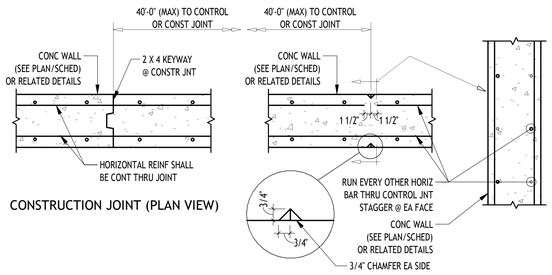
3 S101 **SOG - RE-ENTRANT CORNERS**
N.T.S.



TYPICAL SLAB DEPRESSION

NOTE: 'T' = SLAB THICKNESS (SEE PLAN)

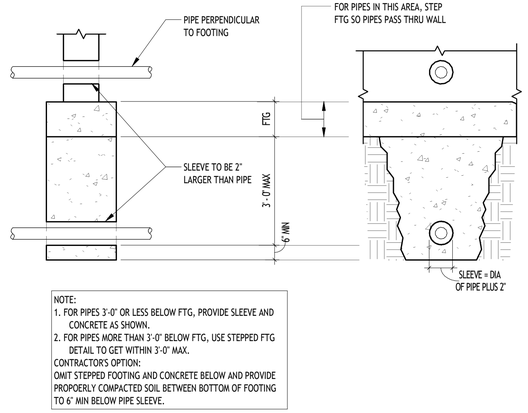
4 S101 **SOG - RECESS / DEPRESSION**
N.T.S.



CONSTRUCTION JOINT (PLAN VIEW)

CONTROL JOINT (PLAN VIEW)
(CONTRACTOR'S OPTION)

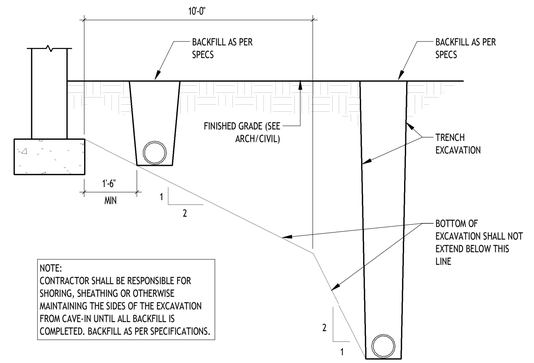
5 S101 **CONCRETE WALL - CONSTRUCTION / CONTROL JOINT**
N.T.S.



NOTE:
1. FOR PIPES 3'-0" OR LESS BELOW FTG, PROVIDE SLEEVE AND CONCRETE AS SHOWN.
2. FOR PIPES MORE THAN 3'-0" BELOW FTG, USE STEPPED FTG DETAIL TO GET WITHIN 3'-0" MAX.

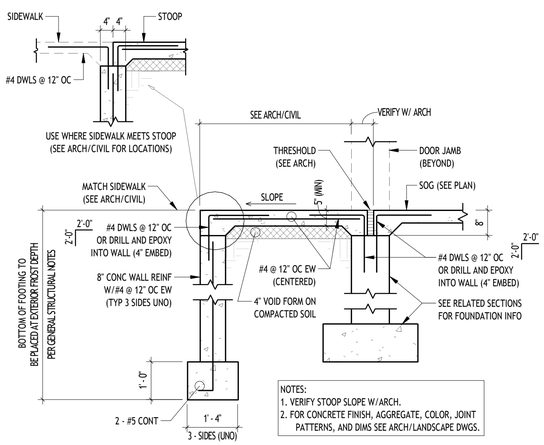
CONTRACTOR'S OPTION:
OMIT STEPPED FOOTING AND CONCRETE BELOW AND PROVIDE PROPOERLY COMPACTED SOIL BETWEEN BOTTOM OF FOOTING TO 6" MIN BELOW PIPE SLEEVE.

6 S101 **PIPES PERPENDICULAR TO FOOTINGS DETAIL**
N.T.S.



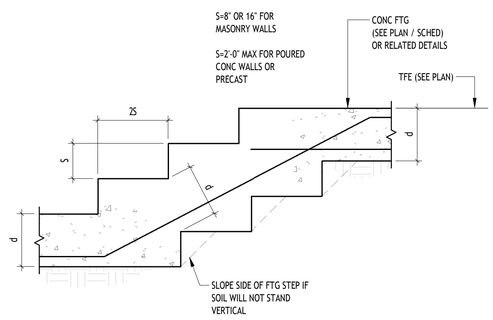
NOTE:
CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING, SHEATHING OR OTHERWISE MAINTAINING THE SIDES OF THE EXCAVATION FROM CAVE-IN UNTIL ALL BACKFILL IS COMPLETED. BACKFILL AS PER SPECIFICATIONS.

7 S101 **UTILITIES PARALLEL TO FOOTINGS DETAIL**
N.T.S.

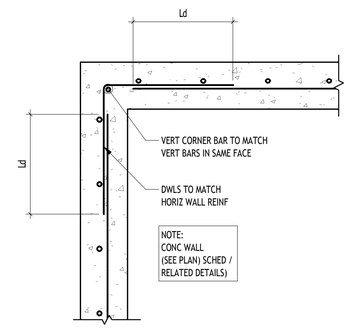


NOTES:
1. VERIFY STOOP SLOPE W/ ARCH.
2. FOR CONCRETE FINISH, AGGREGATE, COLOR, JOINT PATTERNS, AND DIMS SEE ARCH/LANDSCAPE DWGS.

8 S101 **CONCRETE STOOP DETAIL**
N.T.S.



9 S101 **STEPPED FOOTING DETAIL**
N.T.S.



10 S101 **CONCRETE - REINFORCEMENT AT WALL CORNERS**
N.T.S.

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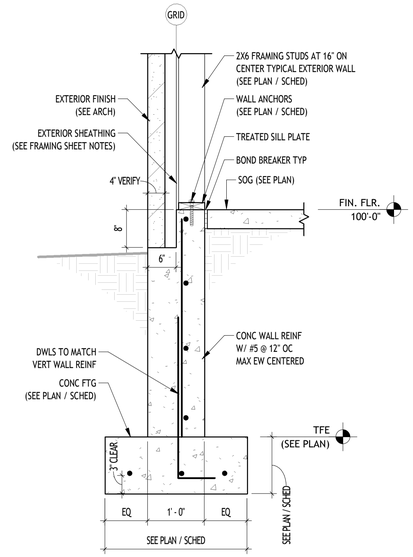
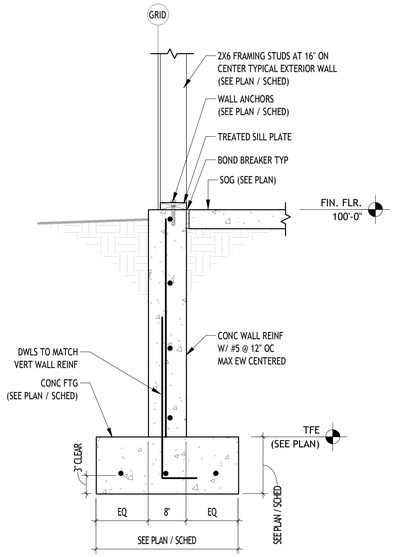
FOUNDATION DETAILS

S101

CONSTRUCTION SET



1 S102 **FOUNDATION DETAIL- BRICK LEDGE**
3/4" = 1'-0"



2 S102 **FOUNDATION DETAIL**
3/4" = 1'-0"

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FOUNDATION DETAILS

S102

CONSTRUCTION SET

WOOD WALL LINTEL SCHEDULE

MARK	LINTEL SIZE	JACK STUDS	KING STUDS	COMMENTS
WL1	(2) 2X6	1	1	
WL2	(3) 1.75X5.5	2	2	

GENERAL NOTES - FRAMING PLAN NOTES

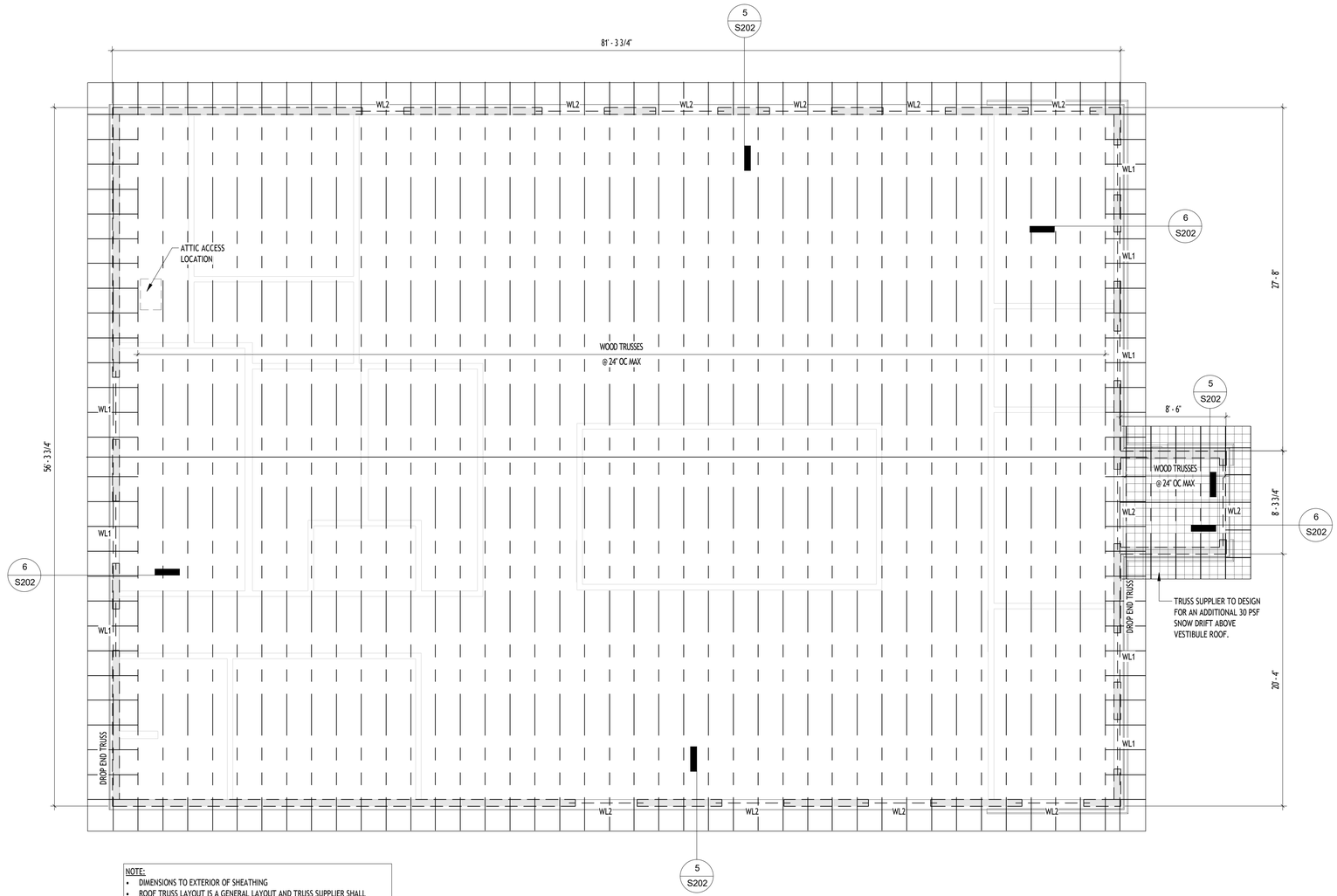
A. GENERAL
1. SEE SHEET S001 FOR GENERAL STRUCTURAL NOTES AND SHEET S202 TYPICAL DETAILS.
2. CONTRACTOR SHALL VERIFY EQUIPMENT WEIGHT, SIZE, LOCATION AND OPENING REQUIRED. CONTRACTOR SHALL COORDINATE ANY CHANGES WITH ENGINEER.

B. LINTELS
1. "WL" DENOTES LINTEL. SEE PLAN AND SCHEDULE FOR SIZE.

C. WOOD TRUSSES
1. TRUSS BEARING ELEVATION SHALL BE PER ARCH UNLESS NOTED OTHERWISE.
2. PREFABRICATED WOOD ROOF TRUSSES SHALL BE DESIGNED FOR MECHANICAL LOADS AND SNOW LOADS SHOWN ON THE DRAWINGS.
3. PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED TO RESIST ALL LOADS INDICATED ON PLANS, NOTES, AND DETAILS. CALCULATIONS ARE REQUIRED AND SHOULD BE SIGNED AND STAMPED BY A REGISTERED ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. SEE GENERAL STRUCTURAL NOTES FOR OTHER REQUIREMENTS.
4. DESIGN LOADS
   ROOF TRUSSES:
   TOP CHORD: LIVE = SEE GENERAL STRUCTURAL NOTES
   DEAD = 18 PSF
   (INCLUDES 3 PSF SELF WEIGHT)
   BOTTOM CHORD: DEAD = 8 PSF
   DESIGN FOR L/240 LL AND L/240 TL TYP UNO.

D. PLYWOOD DIAPHRAGMS
1. ROOF SHEATHING SHALL BE 5/8" APA RATED SHEATHING, 40/20 EXPOSURE 1 PLYWOOD.
2. NAIL ROOF PLYWOOD TO FRAMING WITH 10D NAILS @ 6" OC AT BOUNDARIES & PANEL EDGES, AND 10D NAILS @ 12" OC FIELD. SEE DETAIL 8/S202 FOR PLYWOOD LAYOUT.
3. ALL DIAPHRAGM NAILING SHALL BE DONE WITH COMMON NAILS AND DRIVEN FLUSH BUT NOT FRACTURE THE SURFACE OF THE SHEATHING. BOX OR SINKER NAILS MUST BE APPROVED PRIOR TO USE.
4. AS AN ALTERNATIVE TO HAND NAILING, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THE SIZE AND TYPE OF NAIL USED FOR AUTOMATIC NAILING WITH THE APPROVED TECHNICAL DATA FOR ITS USE IN NAILING HORIZONTAL DIAPHRAGMS.

E. MISC.
1. "LVL" INDICATES LAMINATED VENEER LUMBER (SUCH AS MICROLAM OR GLULAM) WITH MINIMUM MODULUS OF ELASTICITY AND ALLOWABLE BENDING VALUES OF E = 2,000,000 PSI AND Fb = 2,900 PSI, RESPECTIVELY.



NOTE:
- DIMENSIONS TO EXTERIOR OF SHEATHING
- ROOF TRUSS LAYOUT IS A GENERAL LAYOUT AND TRUSS SUPPLIER SHALL COORDINATE ANY CHANGES / MODIFICATIONS WITH ENGINEER FOR LOAD TRANSFER CONDITIONS.
- NO MECHANICAL INFO WAS KNOWN AT THIS TIME OF ISSUE - ANY ROOF OPNGS & MECH UNITS MUST BE COORDINATED WITH EOR AND WOOD TRUSS SUPPLIER.

1 S200 FRAMING PLAN
3/16" = 1'-0"

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FRAMING PLAN

S200

CONSTRUCTION SET

WOOD SHEAR WALL (SW) SHEATHING & FASTENING SCHEDULE

MARK	WALL DESCRIPTION	FASTENING			BLOCKED	SILL PLATE ANCHOR SPACING (SEE NOTE 6)		SILL PLATE CONN THRU SHEATHING (FLOOR TO FLOOR)	RIM BOARD FASTENING TO TOP PL		
		FASTENER SIZE	SPACING			TYP	PT		6" FRAMEFAST SCREW	OR	8d TOE NAIL
			EDGE	FIELD							
SW-1	7/16" OSB, ONE SIDE	8d X 2 1/2"	6" OC	12" OC	YES	32" OC	N/A	N/A	18" OC		4" OC

NOTES -GENERAL:

1. SHEATHING SHOWN IS FOR SHEAR STRENGTH OF WALLS ONLY. ADDITIONAL LAYERS OF MATERIAL MAYBE REQUIRED FOR SOUND, FIRE RATING, WEATHER RESISTANCE OR OTHER ARCHITECTURAL REASONS. SEE ARCHITECTURAL WALL TYPES FOR ADDITIONAL INFORMATION.
2. ALL SHEAR WALL TYPES SHOWN IN THE FASTENING SCHEDULE MAY NOT BE APPLICABLE TO THIS BUILDING.
3. SHEATHING LAYERS OUTSIDE OF RESILIENT CHANNEL DO NOT MEET THE REQUIREMENTS OF THIS SCHEDULE.
4. AT DOUBLE WALL LOCATIONS, THE DESIGNATION APPLIES TO EACH WALL.
5. RIM BOARD FASTENING TO TOP PLATE OF WALL CORRESPONDS TO THE SHEAR WALL TYPE BELOW THE RIM BOARD.
6. SILL PLATE ANCHORAGE:
   PROVIDE SIMPSON 3/4" DIA. TITEN HD SCREW IN ANCHORS WITH 6" MIN EMBED INTO CONCRETE, SPACING PER SCHEDULE.

NOTES -WOOD PANEL SHEAR WALLS:

1. PANELS SHALL NOT BE LESS THAN 4'X 8' EXCEPT AT BOUNDARIES AND CHANGES IN FRAMING.
2. NAILS SHALL BE LOCATED AT LEAST 3/8" FROM THE PANEL EDGES. MAX NAIL SPACING AT PANEL EDGES SHALL BE 6" O.C.
3. ALL WOOD PANEL SHEAR WALLS ARE TO BE BLOCKED. ALL EDGES AND/OR JOINTS OF ALL PANELS SHALL BE SUPPORTED BY AND FASTENED TO COMMON FRAMING MEMBERS OR 2X NOMINAL (MIN) BLOCKING EXCEPT AS NOTED BELOW.
4. PROVIDE 3X NOMINAL WIDTH OF FRAMING MEMBERS OR BLOCKING AT LOCATIONS OF ADJOINING PANEL EDGES FOR SHEAR WALLS WITH NAILING AT 2" O.C.
5. WHERE WOOD PANELS ARE APPLIED ON BOTH FACES OF A SINGLE WALL AND NAIL SPACING IS LESS THAN 6" ON CENTER ON EITHER SIDE, EITHER PANEL JOINTS SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS OR THE WIDTH OF THE NAILED FACE OF THE FRAMING MEMBERS SHALL BE 3" NOMINAL MINIMUM AND NAILING AT ADJOINING PANEL EDGES SHALL BE STAGGERED.
6. WOOD STRUCTURAL PANELS SHALL CONFORM TO THE REQUIREMENTS FOR ITS TYPE IN DOC PS1 OR PS2.

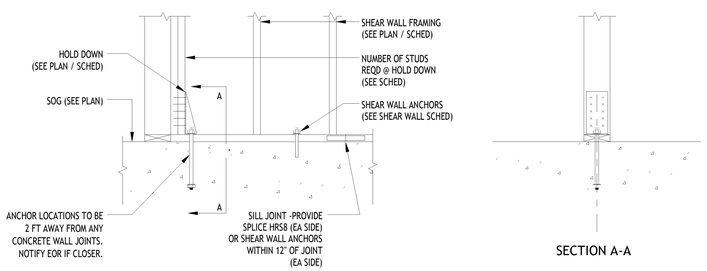
WOOD SHEAR WALL HOLD DOWN & STRAPPING LOCATION SCHEDULE

BUILDING LEVEL	MARKS & LOCATIONS ◄1	◄2	◄3	◄4
SOG	HD-A	NONE	NONE	NONE

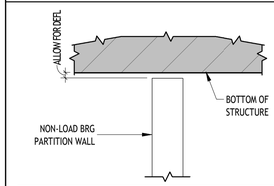
PLAN LEGEND

WOOD SHEAR WALL HOLD DOWN SCHEDULE & DETAIL

MARK	MODEL #	ANCHORS	SDS SCREWS	# OF STUDS	COMMENTS
HD-A	HDU2-SDS2.5	5/8" DIA	6 -1/4" X 2 1/2"	2	-
HD-B	HDU4-SDS2.5	5/8" DIA	10 -1/4" X 2 1/2"	2	-
HD-C	HDU5-SDS2.5	5/8" DIA	14 -1/4" X 2 1/2"	2	-



TYPICAL NON-LOAD BEARING WALLS AT STRUCTURE ABOVE



NOTES:

1. VERTICAL SLIP CONNECTION IS REQUIRED AT ALL NON-LOAD BEARING WALLS SHOWN OR NOT SHOWN ON STRUCTURAL PLANS SO WALLS DO NOT RECEIVE LOADS FROM THE STRUCTURAL ELEMENTS ABOVE AND BECOME BEARING.
2. SEE ARCHITECTURAL DRAWINGS FOR NON-LOAD BEARING WALL LOCATIONS.

2021 IBC MINIMUM FASTENING SCHEDULE

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
ROOF		
1. BLOCKING BETWEEN CEILING JOIST, RAFTERS OR TRUSSES TO TOP PLATE OR OTHER FRAMING BELOW	3 -8d COMMON (2 1/2" X 0.131"); OR 3 -10d BOX (3" X 0.128"); OR 3 -3" X 0.131" NAILS	EACH END, TOENAIL
BLOCKING BETWEEN RAFTERS OR TRUSS NOT AT THE WALL TOP PLATE, TO RAFTER OR TRUSS	2 -8d COMMON (2 1/2" X 0.131") 2 -3" X 0.131" NAILS	EACH END, TOENAIL
	2 -16d COMMON (3 1/2" X 0.162") 3 -3" X 0.131" NAILS	END NAIL
FLAT BLOCKING TO TRUSS AND WEB FILLER	16d COMMON (3 1/2" X 0.162") @ 6" OC 3" X 0.131" NAILS @ 6" OC	FACE NAIL
6. RAFTER OR ROOF TRUSS TO TOP PLATE (SEE SECTION 2308.7.5, TABLE 2308.7.5)	3 -10d COMMON (2 1/2" X 0.148"); OR 3 -16d BOX (3 1/2" X 0.135"); OR 4 -10d BOX (3" X 0.128"); OR 4 -3" X 0.131" NAILS	FRAME FAST SCREW
WALL		
8. STUD TO STUD (NOT AT BRACED WALL PANELS)	16d COMMON (3 1/2" X 0.162");	24" OC FACE NAIL
	10d BOX (3" X 0.128"); OR 3" X 0.131" NAILS	16" OC FACE NAIL
9. STUD TO STUD AND ABUTTING STUDS AT INTERSECTING WALL CORNERS (AT BRACED WALL PANELS)	16d COMMON (3 1/2" X 0.162")	16" OC FACE NAIL
	16d BOX (3 1/2" X 0.135")	12" OC FACE NAIL
	3" X 0.131" NAILS	12" OC FACE NAIL
10. BUILT-UP HEADER (2" TO 2" HEADER)	16d COMMON (3 1/2" X 0.162")	16" OC EACH EDGE, FACE NAIL
	16d BOX (3 1/2" X 0.135")	12" OC EACH EDGE, FACE NAIL
11. CONTINUOUS HEADER TO STUD	4 -8d COMMON (2 1/2" X 0.131"); OR 4 -10d BOX (3" X 0.128")	TOENAIL
12. TOP PLATE TO TOP PLATE	16d COMMON (3 1/2" X 0.162")	16" OC FACE NAIL
	10d BOX (3" X 0.128"); OR 3" X 0.131" NAILS	12" OC FACE NAIL
13. TOP PLATE TO TOP PLATE, AT END JOINTS	8 -16d COMMON (3 1/2" X 0.162"); OR 12 -10d BOX (3" X 0.128"); OR 12 -3" X 0.131" NAILS	EACH SIDE OF END JOINT, FACE NAIL (MINIMUM 24" LAP SPLICE LENGTH EACH SIDE OF END JOINT)
16. STUD TO TOP OR BOTTOM PLATE	4 -8d COMMON (2 1/2" X 0.131"); OR 4 -10d BOX (3" X 0.128"); OR 4 -3" X 0.131" NAILS	TOENAIL
	2 -16d COMMON (3 1/2" X 0.162"); OR 3 -10d BOX (3" X 0.128"); OR 3 -3" X 0.131" NAILS	END NAIL
18. TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS	2 -16d COMMON (3 1/2" X 0.162"); OR 3 -10d BOX (3" X 0.128"); OR 3 -3" X 0.131" NAILS	FACE NAIL

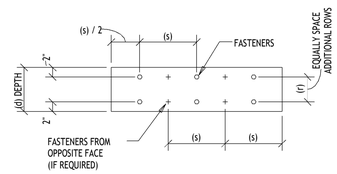
NOTES:

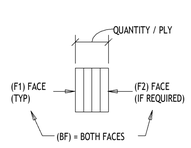
a. NAILS SPACED AT 6 INCHES AT INTERMEDIATE SUPPORTS WHERE SPANS ARE 4ft INCHES OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLE BOARD DIAPHRAGMS AND SHEAR WALLS, REFER TO SECTION 2305. NAILS FOR WALL SHEATHING ARE PERMITTED TO BE COMMON, BOX OR CASING.

b. SPACING SHALL BE 6 INCHES ON CENTER ON THE EDGES AND 12 INCHES ON CENTER AT INTERMEDIATE SUPPORTS FOR NON-STRUCTURAL APPLICATIONS. PANEL SUPPORTS AT 16 INCHES (20 INCHES IF STRENGTH AXIS IN THE LONG DIRECTION OF THE PANEL, UNLESS OTHERWISE MARKED).

c. WHERE A RAFTER IS FASTENED TO AN ADJACENT PARALLEL CEILING JOIST IN ACCORDANCE WITH THIS SCHEDULE AND THE CEILING JOIST IS FASTENED TO THE TOP PLATE IN ACCORDANCE WITH THIS SCHEDULE, THE NUMBER OF TOENAILS IN THE RAFTER SHALL BE PERMITTED TO BE REDUCED BY ONE NAIL.

MULTIPLE-PLY 2X / LVL FASTENING GUIDELINES





FASTENER GUIDELINES AT A TOP LOAD

	2X / LVL DEPTH (d)	QUANTITY = 2 ROWS (r)	QUANTITY = 2 SPACING (s)	QUANTITY = 3 ROWS (r)	QUANTITY = 3 SPACING (s)	QUANTITY = 4 ROWS (r)	QUANTITY = 4 SPACING (s)
10d NAILS (0.128"X3")	EQUAL TO 7 1/4" OR LESS THAN 14"	3	12"	3 (F1)	12" (F1)		
				3 (F2)	12" (F2)		
	EQUAL TO OR GREATER THAN 14"	4	12"	4 (F1)	12" (F1)		
				4 (F2)	12" (F2)		

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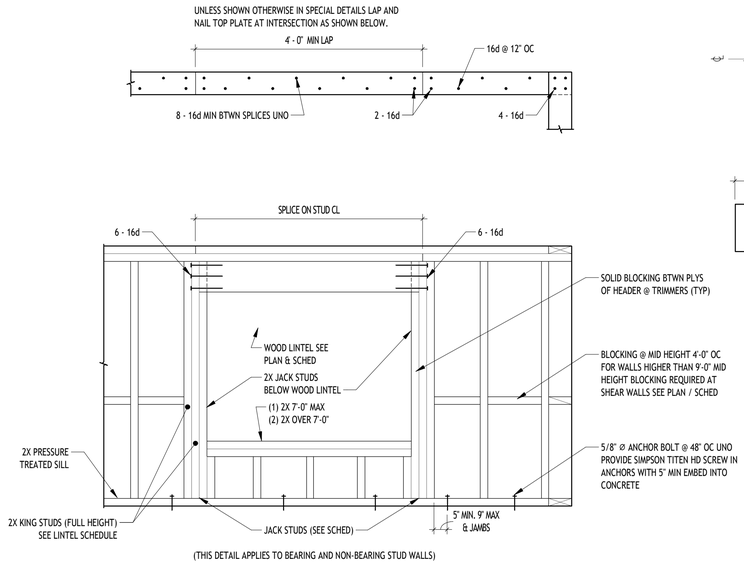
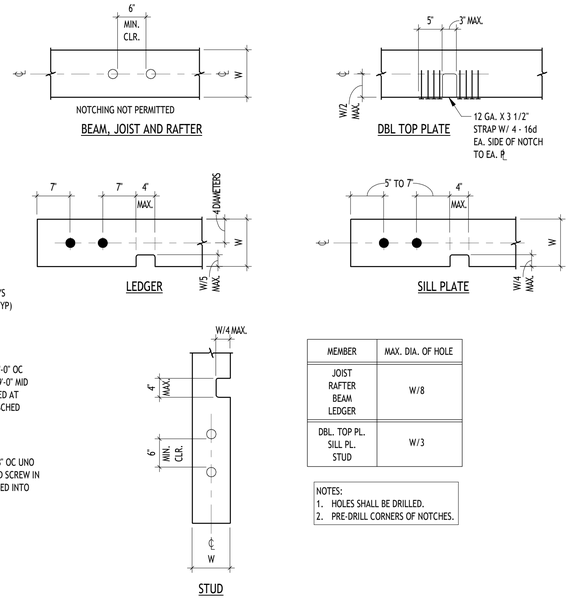
FRAMING SCHEDULES & DETAILS

S201

CONSTRUCTION SET



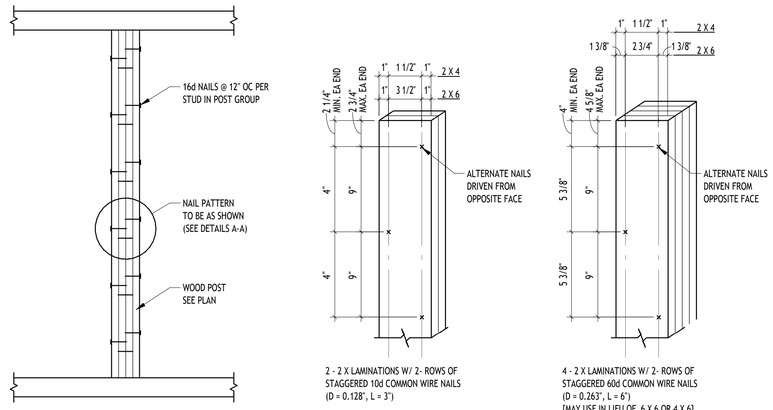
1 S202 **TYP WALL FRAMING ELEVATION**
N.T.S.



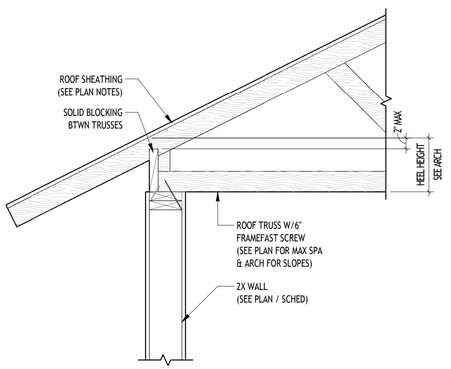
MEMBER	MAX. DIA. OF HOLE
JOIST RAFTER BEAM LEDGER	W/8
DBL. TOP PL. SILL PL. STUD	W/3

NOTES:
1. HOLES SHALL BE DRILLED.
2. PRE-DRILL CORNERS OF NOTCHES.

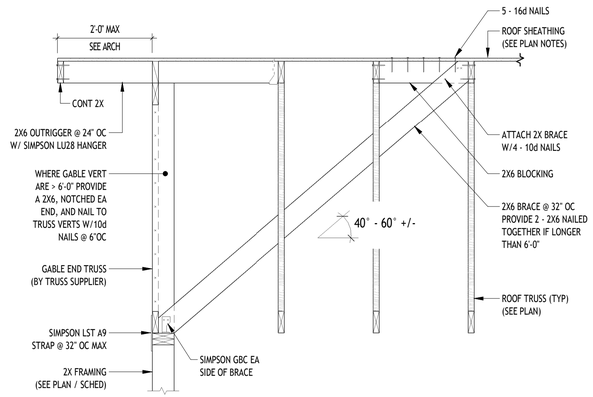
2 S202 **TYP NOTCH / HOLE DETAIL**
N.T.S.



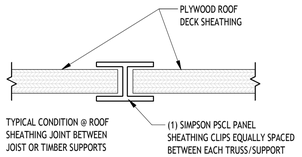
3 S202 **TYP BUILT-UP STUD DETAIL**
N.T.S.



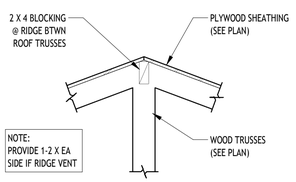
5 S202 **EAVE FRAMING DETAIL**
N.T.S.



6 S202 **GABLE FRAMING DETAIL**
N.T.S.



9 S202 **ROOF SHEATHING SIDELAP CONN DETAIL**
6" = 1'-0"



7 S202 **TYP PEAK FRAMING DETAIL**
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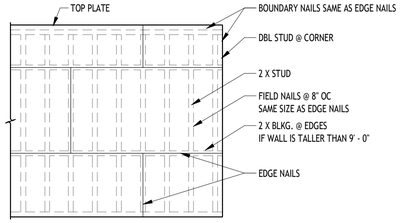
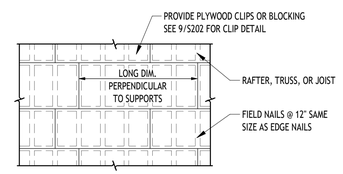


NOTES:
1. SEE PLAN FOR LOCATION OF SHEAR WALLS.
2. PLY FACE GRAIN MAY BE HORIZONTAL OR VERTICAL.
3. MATERIAL MAY BE PLACED ON EITHER FACE OF WALL.
4. MINIMUM 8d NAIL DIAMETER = .131".

4 S202 **TYP WALL SHEATHING DETAIL**
N.T.S.



NOTES:
1. SEE FRAMING PLAN & GENERAL NOTES FOR PLYWOOD. MINIMUM SIZE OF SHEET SHALL BE 2' X 4'.
2. SEE FRAMING PLAN FOR EDGE NAILS (EN) - PROVIDE @ ALL SHEATHING EDGES.
3. SEE FRAMING PLAN FOR BOUNDARY NAILS (BN) PROVIDE @ BRG. SUPPORTS & STRUTS. BN SHALL BE SAME AS EN U.N.O.
4. MINIMUM EDGE DISTANCE FOR NAILS SHALL BE 3/8".

8 S202 **TYP ROOF SHEATHING DETAIL**
N.T.S.

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FRAMING DETAILS

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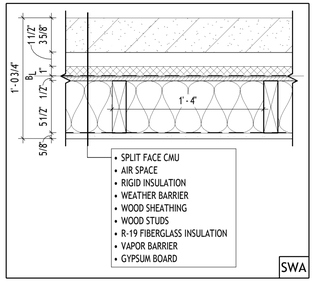
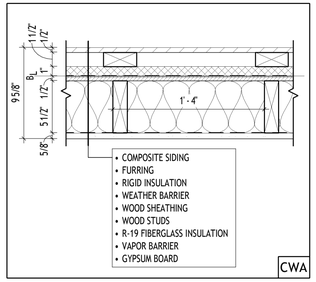
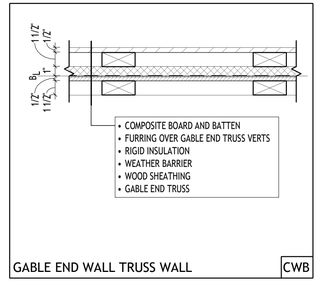
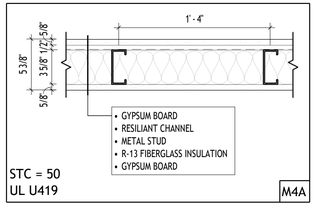
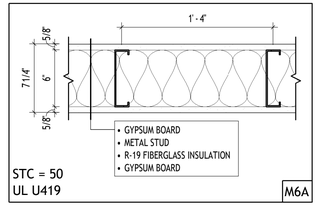


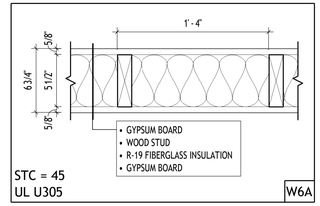




EXTERIOR WALL TYPES







INTERIOR WALL TYPES

GENERAL NOTES - FLOOR PLAN

A. DIMENSIONS
- DO NOT SCALE DRAWINGS; USE FIGURED DIMENSIONS ONLY.
- ALL DIMENSIONS ARE TO FACE OF STUD, FACE OF CONCRETE, CENTER OF WALL, OR BUILDING LINE UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION.
- NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.

B. PARTITIONS
- REFER TO WALL TYPE LEGEND FOR CONSTRUCTION AND FINISH INFORMATION.
- ALL PARTITIONS SHALL EXTEND TO THE UNDERSIDE OF STRUCTURE UNLESS NOTED OTHERWISE.
- FIRE-RATED AND SOUND-RATED PARTITIONS SHALL COMPLY WITH UL ASSEMBLIES AND LOCAL BUILDING CODES.

C. DOORS AND WINDOWS
- SEE DOOR AND WINDOW SCHEDULES FOR TYPE, SIZE, AND HARDWARE REQUIREMENTS.
- COORDINATE ROUGH OPENINGS WITH MANUFACTURER SPECIFICATIONS.
- PROVIDE SAFETY GLAZING WHERE REQUIRED BY CODE.

D. BLOCKING AND SUPPORTS
- PROVIDE SOLID BLOCKING WITHIN WALLS FOR ALL WALL-MOUNTED FIXTURES, ACCESSORIES, AND EQUIPMENT AS REQUIRED.
- COORDINATE WITH SPECIALTY TRADES AND EQUIPMENT SUPPLIERS.

E. FINISHES
- COORDINATE ALL FLOOR FINISHES AND TRANSITIONS.
- REFER TO ROOM FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR MATERIAL LOCATIONS AND DETAILS.

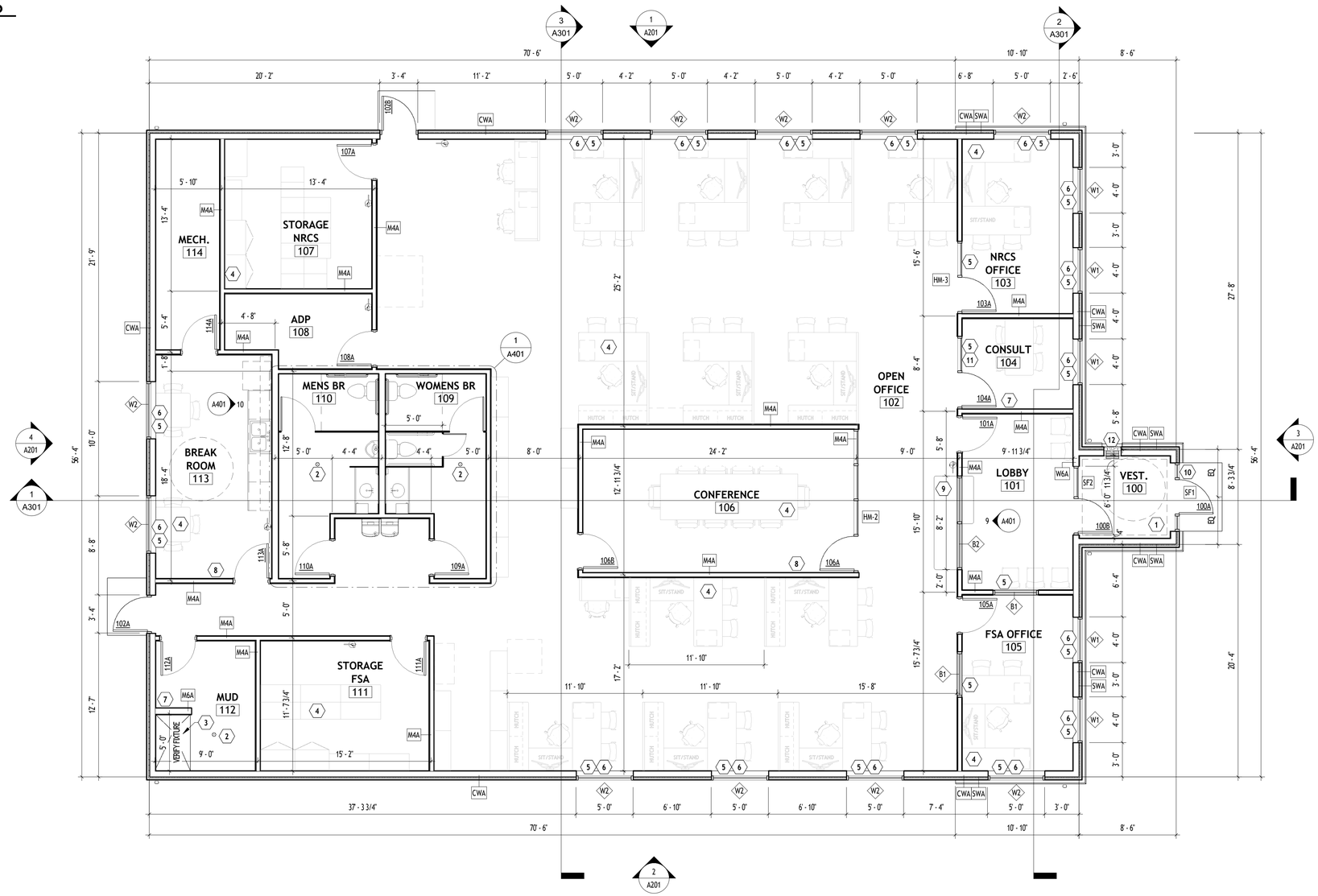
F. ACCESSIBILITY
- ALL FLOOR PLAN ELEMENTS AND CLEARANCES SHALL COMPLY WITH ADA STANDARDS AND LOCAL ACCESSIBILITY CODES.
- MAINTAIN REQUIRED TURNING RADII, CLEAR FLOOR SPACES, AND MOUNTING HEIGHTS.

G. COORDINATION
- COORDINATE LOCATIONS OF MECHANICAL, ELECTRICAL, AND PLUMBING ELEMENTS SHOWN FOR REFERENCE.
- VERIFY ALL PENETRATIONS AND EQUIPMENT LOCATIONS WITH APPROVED SHOP DRAWINGS.
- MAINTAIN REQUIRED CLEARANCES FROM RATED ASSEMBLIES AND OTHER CRITICAL CONSTRUCTION ELEMENTS.

H. CODE COMPLIANCE
- ALL WORK SHALL CONFORM TO CURRENT APPLICABLE BUILDING CODES, ORDINANCES, AND REGULATIONS.
- CONTRACTOR IS RESPONSIBLE FOR CODE-COMPLIANT INSTALLATION OF ALL ELEMENTS SHOWN.

KEYNOTES - FLOOR PLAN

1 ENTRY RECESSED GRATE/GRILLE. COORDINATE W/TENANT REQUIREMENTS
2 FLOOR DRAIN. CORRDINATE W/ PLUMBING CONTRACTOR
3 SERVICE SINK / SHOWER. COORDINATE W/ PLUMBING CONTRACTOR AND USDA REQUIREMENTS
4 FURNITURE. BY TENANT
5 WINDOW BLINDS. COORDINATE W/TENANT REQUIREMENTS
6 SOLID SURFACE WINDOW SILL.
7 COAT WALL HOOK (3). COORDINATE W/TENANT REQUIREMENTS
8 COAT WALL HOOK (6). COORDINATE W/TENANT REQUIREMENTS
9 EMERGENCY LOCKDOWN BUTTON & DURESS PANIC BUTTON
10 ENTRANCE DOOR CHIME
11 PRIVACY WINDOW FILM AT SEATED HEIGHT
12 THROUGH-THE-WALL LOCKING DEPOSITORY DROP BOX, COORDINATE W/TENANT REQUIREMENTS



1 A101 MAIN LEVEL - FLOOR PLAN
3/16" = 1'-0"

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MAIN LEVEL FLOOR PLAN

A101

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GENERAL NOTES - RCP

A. GENERAL
- DO NOT SCALE DRAWINGS; USE WRITTEN DIMENSIONS ONLY.
- COORDINATE ALL CEILING-MOUNTED ELEMENTS WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, AND FIRE PROTECTION DRAWINGS.
- VERIFY ALL FIELD CONDITIONS PRIOR TO INSTALLATION AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- ALL WORK SHALL COMPLY WITH APPLICABLE BUILDING CODES AND LOCAL REGULATIONS.

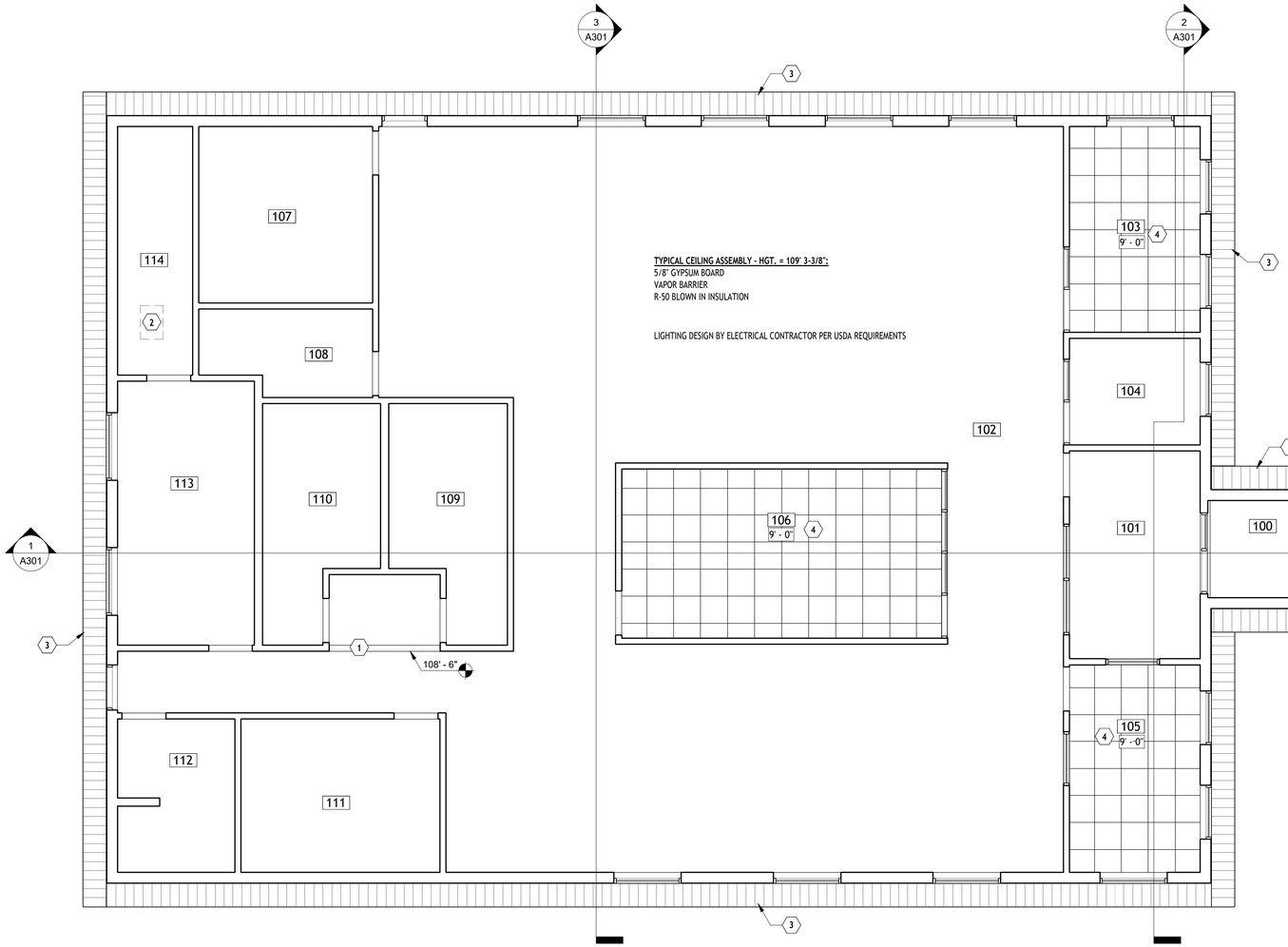
B. CEILING HEIGHTS
- CEILING HEIGHTS ARE TO THE UNDERSIDE OF THE FINISHED CEILING UNLESS NOTED OTHERWISE.
- REFER TO CEILING KEYNOTES, SECTIONS, OR ELEVATIONS FOR VARIABLE CEILING CONDITIONS.
- COORDINATE ALL BULKHEADS, SOFFITS, AND CEILING HEIGHT TRANSITIONS IN THE FIELD.

C. CEILING TYPES
- COORDINATE CEILING TYPES WITH ARCHITECTURAL FINISH SCHEDULE AND USDA ACOUSTIC REQUIREMENTS.
- ALL CEILING MATERIALS SHALL BE INSTALLED LEVEL AND TRUE UNLESS NOTED OTHERWISE.

D. LIGHTING & DEVICES
- COORDINATE LAYOUT OF LIGHTING FIXTURES WITH ELECTRICAL CONTRACTOR DEISGN BUILD.

KEYNOTES - RCP

1 BULKHEAD
2 ATTIC ACCESS
3 PREFINISHED METAL VENTED SOFFIT
4 ACT LAY IN CEILING PER USDA REQUIREMENTS



1 A102 MAIN LEVEL - RCP
3/16" = 1'-0"

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MAIN LEVEL REFLECTED CEILING PLAN

A102

CONSTRUCTION SET

GENERAL NOTES - ROOF PLAN

A. GENERAL REQUIREMENTS
- ALL WORK SHALL CONFORM TO APPLICABLE BUILDING CODES, ORDINANCES, AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- VERIFY ALL DIMENSIONS, SLOPES, AND CONDITIONS AT THE SITE PRIOR TO FABRICATION AND INSTALLATION.
- COORDINATE ROOF WORK WITH MECHANICAL, PLUMBING, AND ELECTRICAL TRADES FOR PENETRATIONS AND SUPPORTS.

B. ROOF STRUCTURE
- REFER TO STRUCTURAL DRAWINGS FOR FRAMING MEMBER SIZES, SPACING, AND CONNECTIONS.
- DO NOT CUT, NOTCH, OR PENETRATE STRUCTURAL MEMBERS WITHOUT APPROVAL FROM THE ARCHITECT AND STRUCTURAL ENGINEER.

C. ROOFING MATERIALS
- ROOFING TYPE: ASPHALT SHINGLE.
- PROVIDE MANUFACTURER'S WARRANTY.

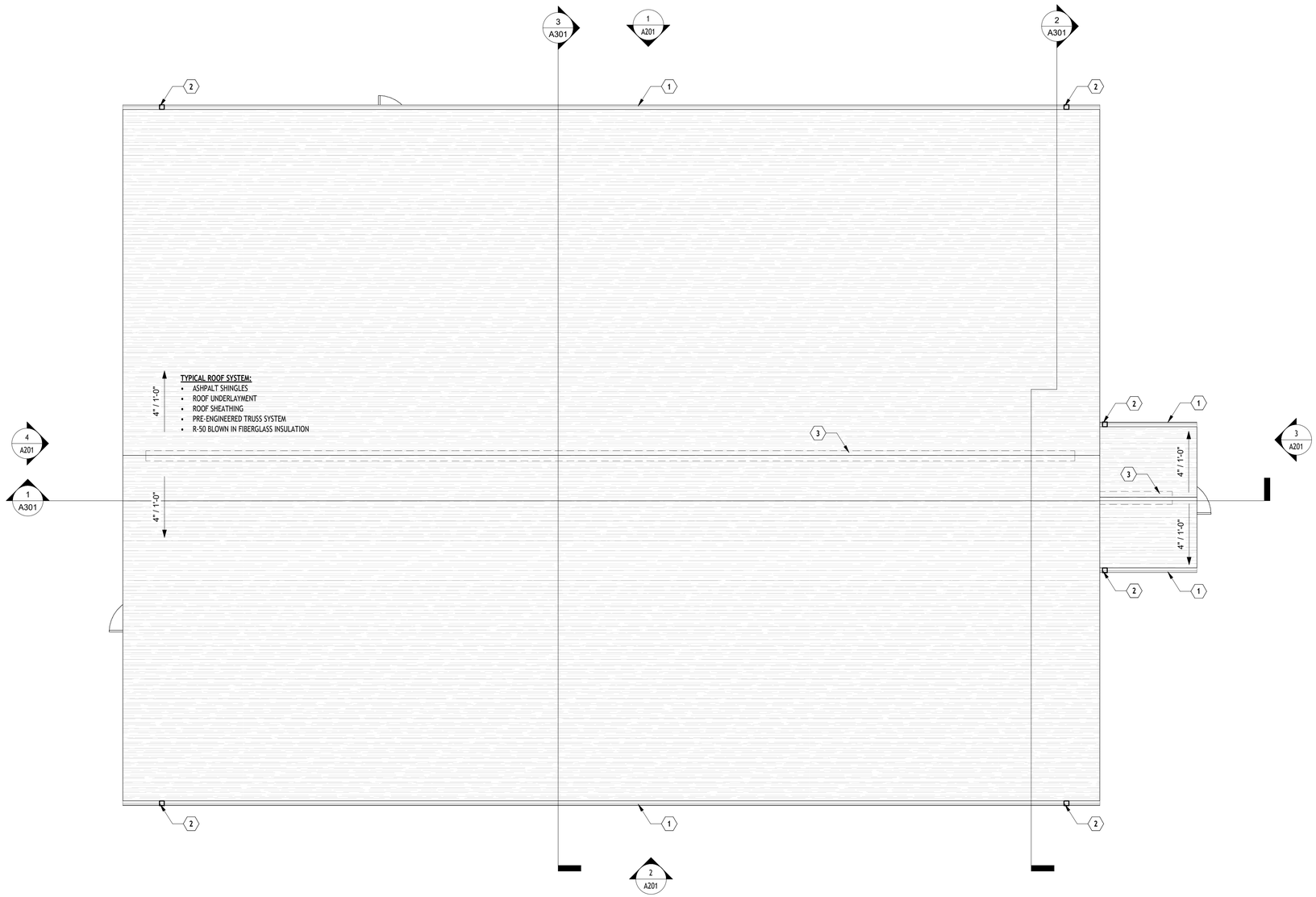
D. FLASHING AND PENETRATIONS
- FLASH ALL PENETRATIONS PER MANUFACTURER'S DETAILS AND STANDARDS.
- PROVIDE COUNTER-FLASHING FOR ALL ROOF PENETRATIONS, EQUIPMENT SUPPORTS, AND ROOF EDGES.
- ALL METAL FLASHING SHALL BE PREFINISHED ALUMINUM UNLESS NOTED OTHERWISE.

E. SAFETY AND PROTECTION
- PROTECT COMPLETED ROOFING FROM DAMAGE DURING CONSTRUCTION.
- REPLACE ANY DAMAGED MATERIALS PRIOR TO PROJECT COMPLETION.
- PROVIDE TEMPORARY PROTECTION FOR ALL ROOF OPENINGS AND EDGES DURING CONSTRUCTION.

F. QUALITY CONTROL AND INSPECTION
- PROVIDE FIELD TEST FOR ADHESION AND PERFORM FLOOD TEST (IF REQUIRED) FOR WATERTIGHTNESS.

KEYNOTES - ROOF PLAN

1 PREFINISHED METAL GUTTER SYSTEM
2 PREFINISHED METAL DOWNSPOUT
3 RIDGE VENT SYSTEM



1 A103 ROOF PLAN
3/16" = 1'-0"

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ROOF PLAN

A103

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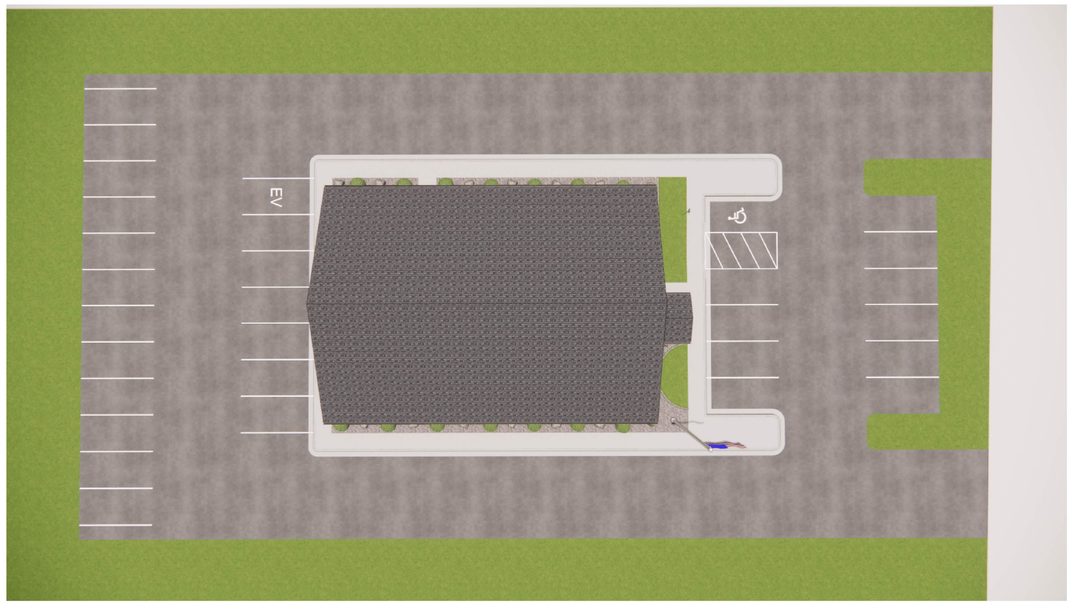
NORTHEAST ELEVATION

NORTHWEST ELEVATION

SOUTHWEST ELEVATION



SITE PLAN VIEW

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EXTERIOR 3D VIEW

A200

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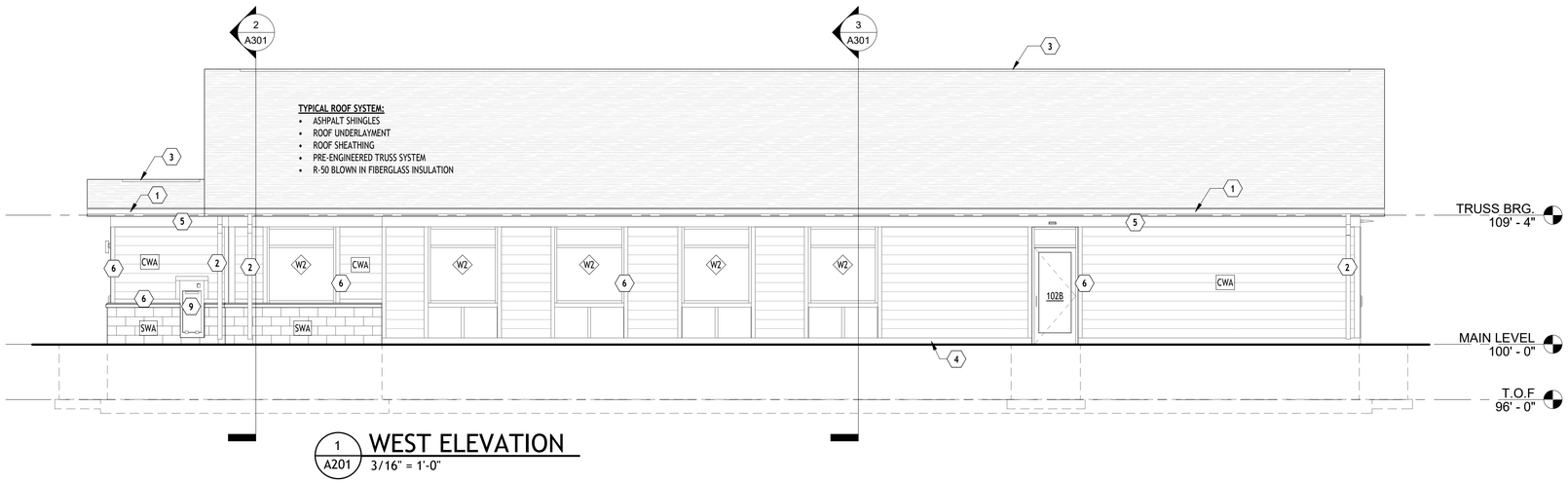
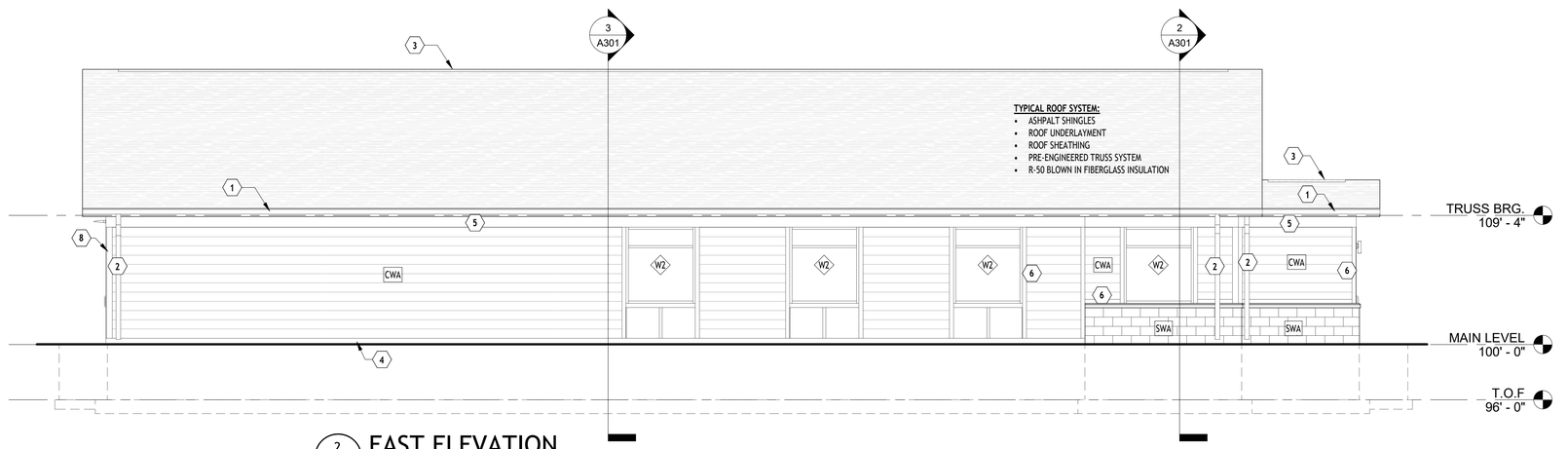
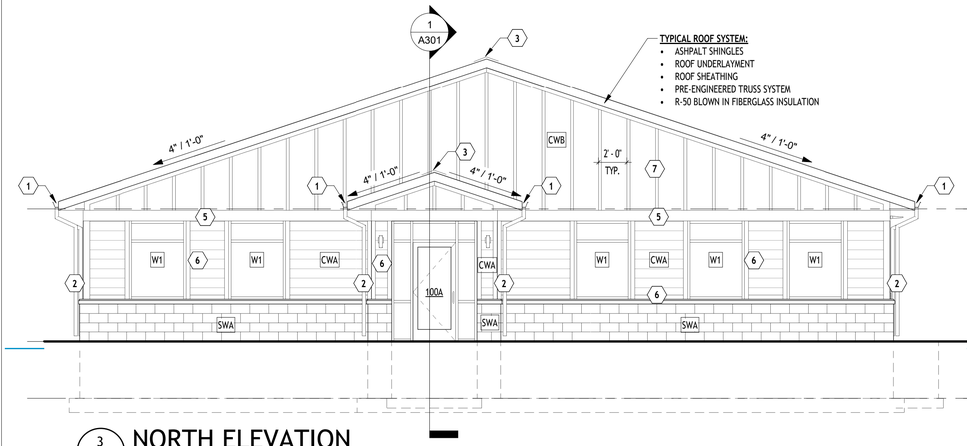


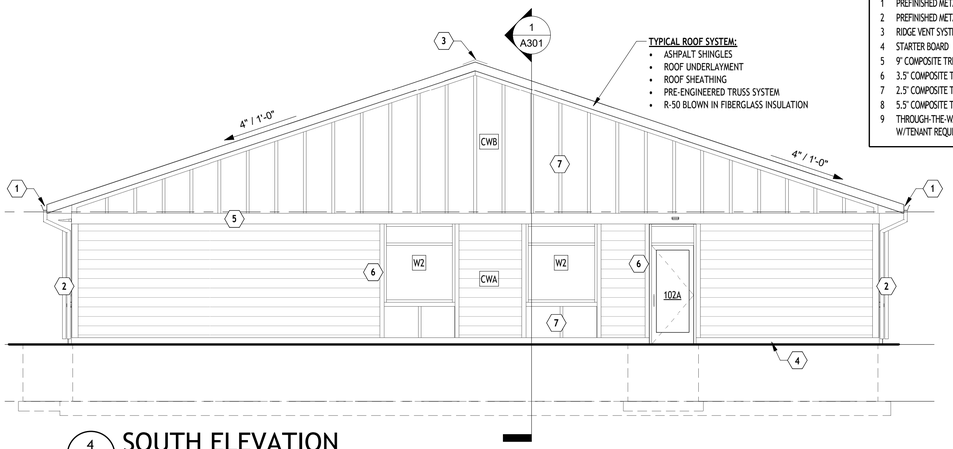
1 A201 **WEST ELEVATION**
3/16" = 1'-0"



2 A201 **EAST ELEVATION**
3/16" = 1'-0"



3 A201 **NORTH ELEVATION**
3/16" = 1'-0"



4 A201 **SOUTH ELEVATION**
3/16" = 1'-0"

GENERAL NOTES - EXTERIOR ELEVATIONS

A. GENERAL REQUIREMENTS
- VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING.
- ELEVATIONS ARE DRAWN TO FINISHED GRADE UNLESS OTHERWISE NOTED.
- REFER TO FLOOR PLANS FOR HORIZONTAL DIMENSIONS, WALL LOCATIONS, AND DOOR/WINDOW SIZES.
- ALL EXTERIOR CONSTRUCTION SHALL COMPLY WITH CURRENT BUILDING CODES, ZONING ORDINANCES, AND ENERGY CODE REQUIREMENTS.

B. EXTERIOR MATERIALS AND FINISHES
- REFER TO THE EXTERIOR WALL TYPES FOR MATERIAL, COLORS TBD.
- MAINTAIN STRAIGHT, CLEAN TRANSITIONS BETWEEN DISSIMILAR MATERIALS AND PROPERLY SEAL ALL JOINTS.
- PROVIDE CONTINUOUS FLASHING, CONTROL JOINTS, AND SEALANT JOINTS AS REQUIRED FOR WATERTIGHT CONSTRUCTION.
- EXPOSED FASTENERS SHALL BE COLOR-MATCHED TO ADJACENT MATERIALS UNLESS OTHERWISE NOTED.
- COORDINATE PLACEMENT OF WALL-MOUNTED FIXTURES, VENTS, SIGNAGE, AND UTILITIES TO ALIGN WITH ARCHITECTURAL INTENT.

C. MASONRY AND VENEER
- VERIFY COURSING, BOND PATTERN, AND ALIGNMENT AT CORNERS AND OPENINGS.
- PROVIDE CONTROL JOINTS PER MANUFACTURER'S AND STRUCTURAL RECOMMENDATIONS.
- INSTALL FLASHING AND WEEPS AT BASE OF WALL, ABOVE OPENINGS, AND AT SHELF ANGLES.

D. OPENINGS
- VERIFY ALL ROUGH OPENINGS AND HEAD HEIGHTS WITH WINDOW AND DOOR SCHEDULES.
- PROVIDE PROPER FLASHING, SEALANT, AND WATERPROOFING AT ALL EXTERIOR DOORS AND WINDOWS.
- SUPPLY STRUCTURAL LINTELS OR HEADERS AS REQUIRED ABOVE OPENINGS.

E. ROOF AND PARAPET CONDITIONS
- COORDINATE ROOF EDGE, FASCIA, SOFFIT, AND GUTTER PROFILES WITH ROOF PLAN AND DETAILS.
- VERIFY DOWNSPOUT, LEADER, AND SCUPPER LOCATIONS ON DRAWINGS AND IN FIELD.

F. COMPOSITE PANELS AND SIDING SYSTEMS
- INSTALL ALL PANELS PER MANUFACTURER'S INSTRUCTIONS AND APPROVED DETAILS.
- PROVIDE COLOR-MATCHED FASTENERS, TRIMS, AND CLOSURE STRIPS AT TERMINATIONS AND CORNERS.
- MAINTAIN UNIFORM ALIGNMENT AND REVEAL SPACING AROUND OPENINGS AND CORNERS.

G. EXTERIOR TRIM, SOFFITS, AND FASCIA
- INSTALL TRIM WITH UNIFORM REVEALS AND TIGHT JOINTS; SEAL ALL EXPOSED JOINTS AS REQUIRED.
- ALL EXTERIOR FINISHES ARE EITHER COMPOSITE OR PREFINISHED METAL.

H. EXTERIOR FIXTURES AND ACCESSORIES
- COORDINATE LOCATIONS OF LIGHTING, CAMERAS, SIGNAGE, DOWNSPOUTS, HOSE BIBS, AND OTHER ACCESSORIES WITH OTHER DISCIPLINES.
- SEAL ALL PENETRATIONS THROUGH EXTERIOR FINISHES WATERTIGHT AND COLOR-MATCH TO SURROUNDING MATERIAL.
- VERIFY MOUNTING HEIGHTS AND ALIGNMENT OF FIXTURES PRIOR TO INSTALLATION.

I. WEATHERPROOFING AND SEALANTS
- PROVIDE CONTINUOUS WEATHER BARRIERS AND FLASHING BEHIND ALL EXTERIOR FINISHES.
- USE COMPATIBLE SEALANTS AND BACKER RODS AT ALL JOINTS; APPLY PER MANUFACTURER'S RECOMMENDATIONS.
- ENSURE PROPER INTEGRATION OF AIR, MOISTURE, AND THERMAL BARRIERS AT TRANSITIONS AND OPENINGS.

J. QUALITY CONTROL
- ALL EXTERIOR WORK SHALL BE COMPLETED BY QUALIFIED TRADES EXPERIENCED WITH THE MATERIALS SHOWN.
- PROTECT FINISHED SURFACES FROM DAMAGE DURING AND AFTER INSTALLATION.
- PROVIDE MOCK-UPS OR SAMPLE PANELS IF REQUIRED TO CONFIRM COLOR, TEXTURE, AND WORKMANSHIP BEFORE FULL INSTALLATION.

KEYNOTES - EXTERIOR ELEVATIONS

1 PREFINISHED METAL GUTTER SYSTEM
2 PREFINISHED METAL DOWNSPOUT
3 RIDGE VENT SYSTEM
4 STARTER BOARD
5 9" COMPOSITE TRIM BELLY BAND
6 3.5" COMPOSITE TRIM, TYP
7 2.5" COMPOSITE TRIM BOARD AND BATTEN, TYP
8 5.5" COMPOSITE TRIM CORNERS
9 THROUGH-THE-WALL LOCKING DEPOSITORY DROP BOX, COORDINATE W/TENANT REQUIREMENTS

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ELEVATIONS

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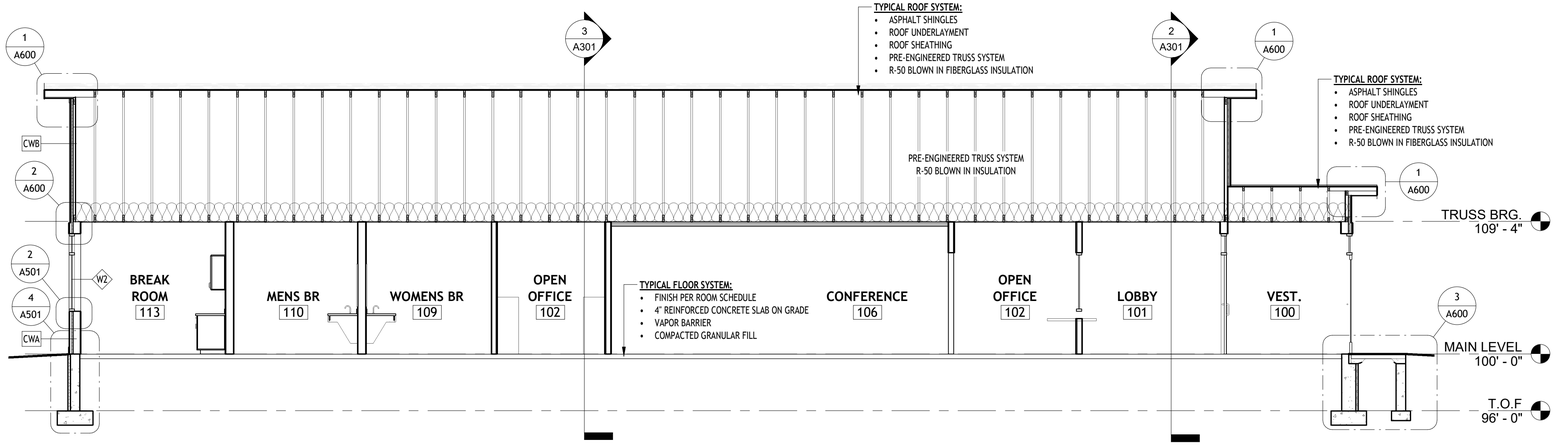
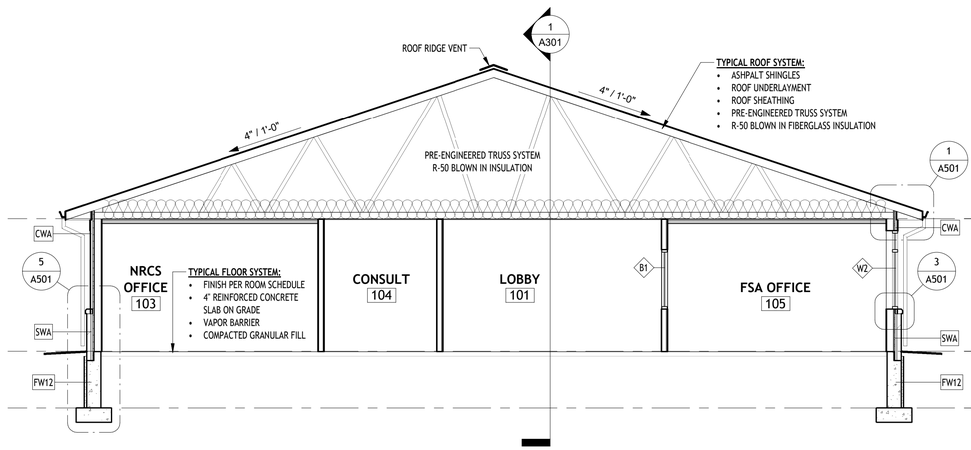
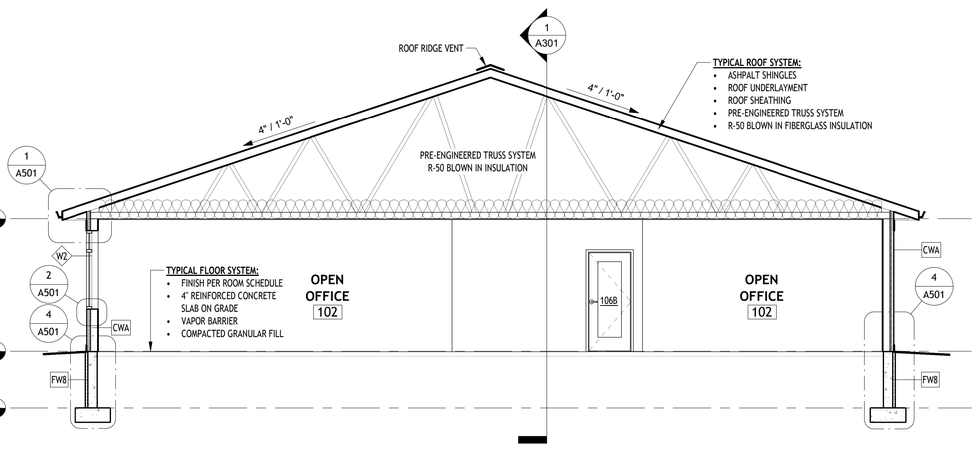


1 A301 LONGITUDINAL SECTION
3/16" = 1'-0"



2 A301 CROSS SECTION 1
3/16" = 1'-0"



3 A301 CROSS SECTION 2
3/16" = 1'-0"

GENERAL NOTES - SECTIONS

A. GENERAL REQUIREMENTS
- VERIFY ALL DIMENSIONS, ELEVATIONS, AND RELATIONSHIPS BETWEEN FLOOR, WALL, AND ROOF ASSEMBLIES IN THE FIELD PRIOR TO CONSTRUCTION.
- BUILDING SECTIONS ARE DIAGRAMMATIC; REFER TO DETAILED DRAWINGS, PLANS, AND SCHEDULES FOR SPECIFIC DIMENSIONS AND MATERIALS.
- COORDINATE ALL WORK WITH STRUCTURAL DRAWINSGS & PME CONTRACTORS.
- REPORT ANY DISCREPANCIES OR CONFLICTS BETWEEN DRAWINGS TO THE ARCHITECT BEFORE PROCEEDING.

B. STRUCTURAL COORDINATION
- REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION, FRAMING SIZES, BEARING ELEVATIONS, AND CONNECTIONS.
- VERIFY LOCATION AND SIZE OF BEAMS, JOISTS, COLUMNS, AND BEARING POINTS BEFORE INSTALLATION.
- COORDINATE PENETRATIONS THROUGH STRUCTURAL ELEMENTS WITH ENGINEERING DESIGN AND APPROVAL.

C. WALL ASSEMBLIES
- CONSTRUCT WALL ASSEMBLIES PER ARCHITECTURAL WALL TYPES ON DRAWINGS.
- PROVIDE CONTINUOUS AIR, VAPOR, AND THERMAL BARRIERS AT EXTERIOR WALL ASSEMBLIES.
- MAINTAIN ALIGNMENT OF EXTERIOR FINISHES, INSULATION, AND SHEATHING FOR A CONTINUOUS ENVELOPE.
- SEAL ALL JOINTS, GAPS, AND PENETRATIONS TO MAINTAIN THE INTEGRITY OF THE BUILDING ENVELOPE.

D. FLOORS AND SLABS
- REFER TO STRUCTURAL DRAWINGS FOR SLAB THICKNESSES, REINFORCING, AND CONTROL JOINT RECOMMENDATION.
- COORDINATE FLOOR FINISH ELEVATIONS WITH DOOR THRESHOLDS AND EXTERIOR GRADES.
- VERIFY FLOOR SLOPES AND DRAIN LOCATIONS PRIOR TO PLACEMENT OF CONCRETE OR FINISH MATERIALS.

E. ROOF ASSEMBLIES
- REFER TO ROOF PLAN FOR SLOPES, DRAIN LOCATIONS, AND ROOFING TYPES.
- PROVIDE REQUIRED INSULATION THICKNESS TO ACHIEVE DESIGN R-VALUES AND CODE COMPLIANCE.
- COORDINATE ROOF PENETRATIONS AND FLASHING WITH MECHANICAL AND ELECTRICAL TRADES.

F. INTERIOR PARTITIONS AND CEILINGS
- CONSTRUCT ALL PARTITIONS PER DETAILS AND WALL TYPES.
- EXTEND PARTITIONS TO UNDERSIDE OF STRUCTURE.
- COORDINATE CEILING HEIGHTS WITH MECHANICAL, ELECTRICAL, AND LIGHTING SYSTEMS.
- PROVIDE PROPER BLOCKING AND BACKING FOR WALL-MOUNTED FIXTURES AND EQUIPMENT.

G. THERMAL AND MOISTURE PROTECTION
- PROVIDE CONTINUOUS INSULATION AND WEATHER BARRIERS AS INDICATED ON DRAWINGS.
- COORDINATE VAPOR BARRIER LOCATIONS WITH MECHANICAL DESIGN AND LOCAL CLIMATE REQUIREMENTS.
- FLASH ALL OPENINGS, TRANSITIONS, AND PENETRATIONS TO PREVENT WATER INFILTRATION.
- MAINTAIN AIR BARRIER CONTINUITY BETWEEN WALLS, ROOFS, AND FOUNDATION SYSTEMS.

H. DETAILS AND TRANSITIONS
- REFER TO ENLARGED DETAILS FOR MATERIAL INTERSECTIONS AND SPECIAL CONDITIONS.
- ALIGN EXTERIOR FINISHES, TRIMS, AND REVEALS BETWEEN ADJACENT MATERIALS.
- PROVIDE PROPER CLEARANCES BETWEEN DISSIMILAR MATERIALS TO ALLOW FOR EXPANSION AND CONTRACTION.
- VERIFY INTEGRATION OF WINDOW, DOOR, AND ROOF ASSEMBLIES INTO ADJOINING WALLS FOR WATERTIGHT PERFORMANCE.

I. QUALITY CONTROL AND PROTECTION
- ALL WORK SHALL BE PERFORMED BY QUALIFIED TRADES IN ACCORDANCE WITH INDUSTRY STANDARDS AND MANUFACTURER INSTRUCTIONS.
- PROTECT COMPLETED WORK FROM DAMAGE DUE TO WEATHER OR SUBSEQUENT CONSTRUCTION ACTIVITIES.

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BUILDING SECTIONS

A301

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GENERAL NOTES - INTERIOR ELEVATIONS

A. DIMENSIONS & COORDINATION
- DO NOT SCALE DRAWINGS.
- VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO FABRICATION OR INSTALLATION.
- COORDINATE INTERIOR ELEVATIONS WITH FLOOR PLANS, REFLECTED CEILING PLANS, AND BUILDING SECTIONS.

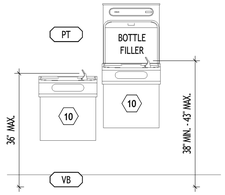
B. MOUNTING HEIGHTS & ACCESSIBILITY
- MOUNTING HEIGHTS FOR ELECTRICAL DEVICES, SWITCHES, THERMOSTATS, AND WALL ACCESSORIES SHALL COMPLY WITH APPLICABLE CODES AND ADA REQUIREMENTS.
- CONFIRM HEIGHTS AND LOCATIONS WITH OWNER AND PME CONTRACTOR PRIOR TO INSTALLATION.

C. CASEWORK, FIXTURES & ACCESSORIES
- ALL CASEWORK, MILLWORK, BUILT-INS, AND FIXTURES SHALL BE COORDINATED WITH APPROVED SHOP DRAWINGS AND FIELD CONDITIONS.
- PROVIDE WALL BLOCKING AS REQUIRED FOR SUPPORT OF WALL-MOUNTED FIXTURES, ACCESSORIES, AND EQUIPMENT.
- WALL FINISHES SHALL CONTINUE BEHIND CASEWORK AND MILLWORK UNLESS NOTED OTHERWISE.

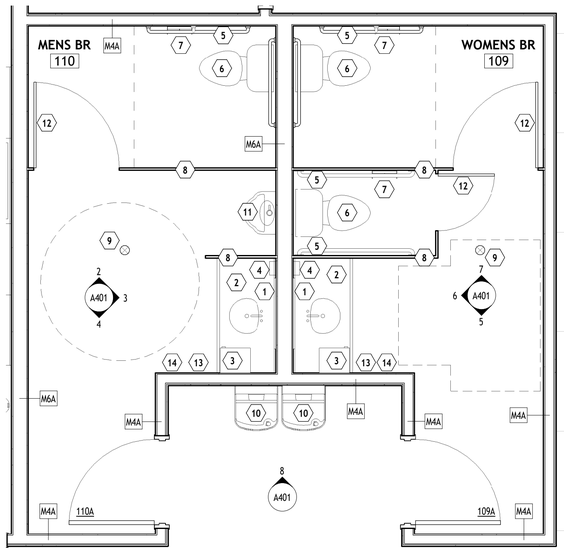
D. FINISHES & MATERIALS
- FINISH MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND MATCH APPROVED FINISHES.
- TRANSITIONS BETWEEN MATERIALS AND TERMINATIONS AT EDGES, CORNERS, OR OPENINGS SHALL BE CLEAN.

KEYNOTES - INTERIOR ELEVATION

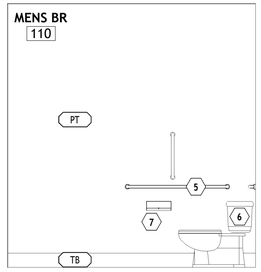
1 MIRROR W/ SHELF ABOVE LAVATORY. COORDINATE W/TENANT REQUIREMENTS
2 SOLID SURFACE VANITY W/ INTEGRAL SINK & TOUCHLESS FAUCET. PLAM SIDES & SKIRT PANEL W/ HINGED PLAM ACCESS PANEL.
3 TOUCHLESS PAPER TOWEL DISPENSER. COORDINATE W/TENANT REQUIREMENTS
4 TOUCHLESS SOAP DISPENSER. COORDINATE W/TENANT REQUIREMENTS
5 GRAB BARS. SEE DIMENSIONS ON SHEET G002
6 TOILET. COORDINATE W/ PLUMBING CONTRACTOR
7 TOILET PAPER DISPENSER (DOUBLE). COORDINATE W/TENANT REQUIREMENTS
8 TOILET PARTITIONS. COORDINATE W/TENANT REQUIREMENTS
9 FLOOR DRAIN. CORRDINATE W/ PLUMBING CONTRACTOR
10 TOUCHLESS DRINKING FOUNTAIN. COORDINATE W/ PLUMBING CONTRACTOR
11 URINAL. COORDINATE W/ PLUMBING CONTRACTOR
12 COAT DOOR HOOK ON INSIDE OF DOOR. COORDINATE W/TENANT REQUIREMENTS
13 COAT WALL HOOK. COORDINATE W/TENANT REQUIREMENTS
14 WASTE RECEPTACLE. COORDINATE W/TENANT REQUIREMENTS



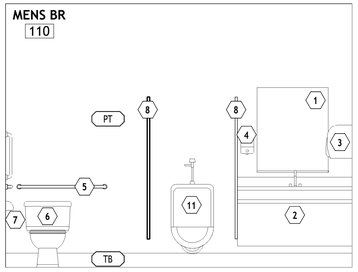
8 / A401 DRINKING FOUNTAIN HEIGHTS
1/2" = 1'-0"



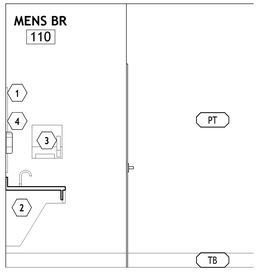
1 / A401 ENLARGED FLOOR PLAN - RESTROOMS
3/8" = 1'-0"



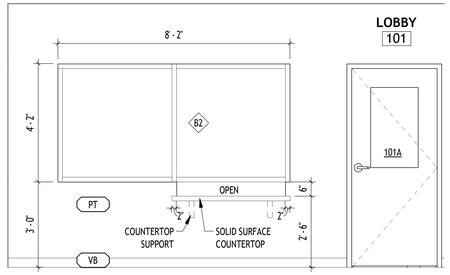
2 / A401 MENS ELEV. 1
3/8" = 1'-0"



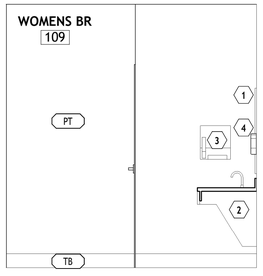
3 / A401 MENS ELEV. 2
3/8" = 1'-0"



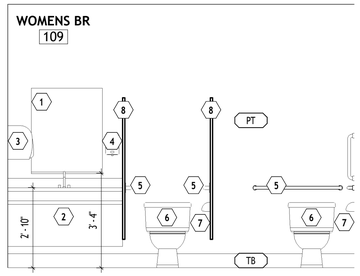
4 / A401 MENS ELEV. 3
3/8" = 1'-0"



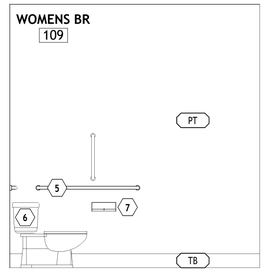
9 / A401 RECEPTION WINDOW
3/8" = 1'-0"



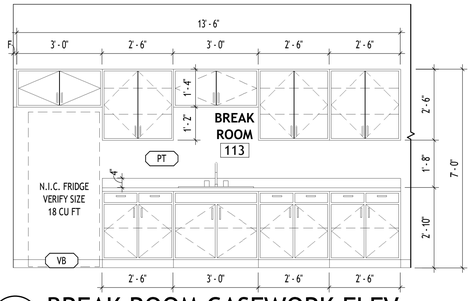
5 / A401 WOMENS ELEV. 1
3/8" = 1'-0"



6 / A401 WOMENS ELEV. 2
3/8" = 1'-0"



7 / A401 WOMENS ELEV. 3
3/8" = 1'-0"



10 / A401 BREAK ROOM CASEWORK ELEV.
3/8" = 1'-0"

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ENLARGED FLOOR PLAN & INTERIOR ELEVATIONS

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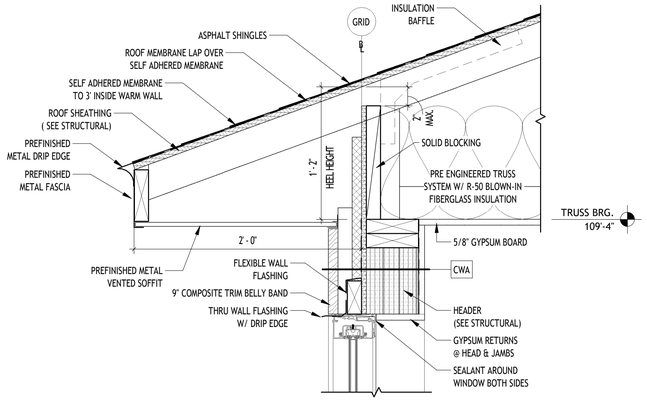
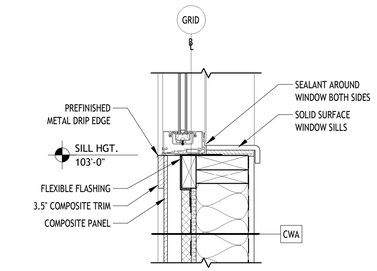
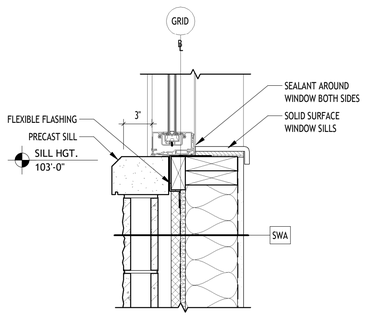


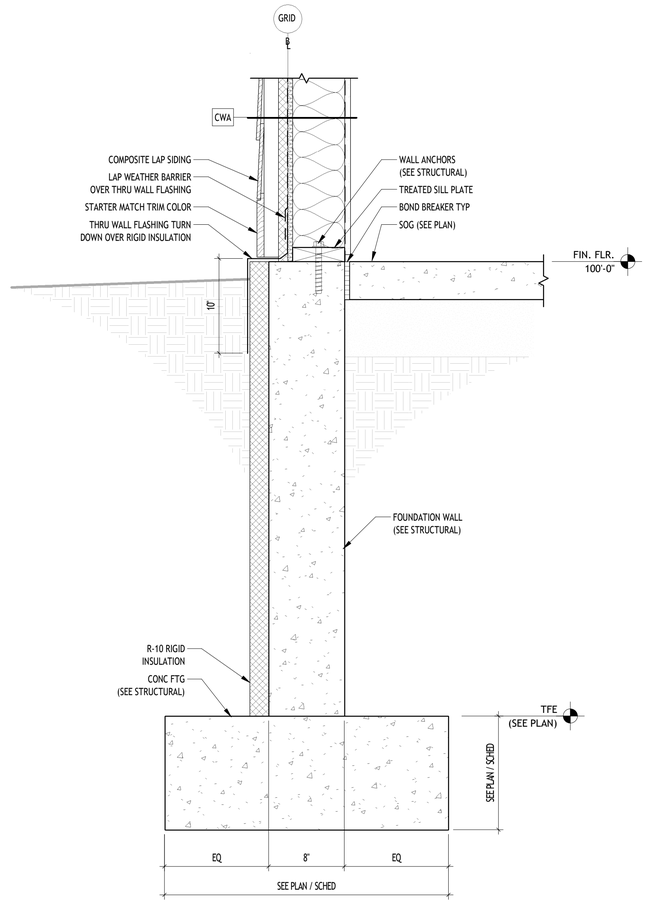
1 A501 **WINDOW & DOOR HEADER @ BELLY BAND**
1 1/2" = 1'-0"



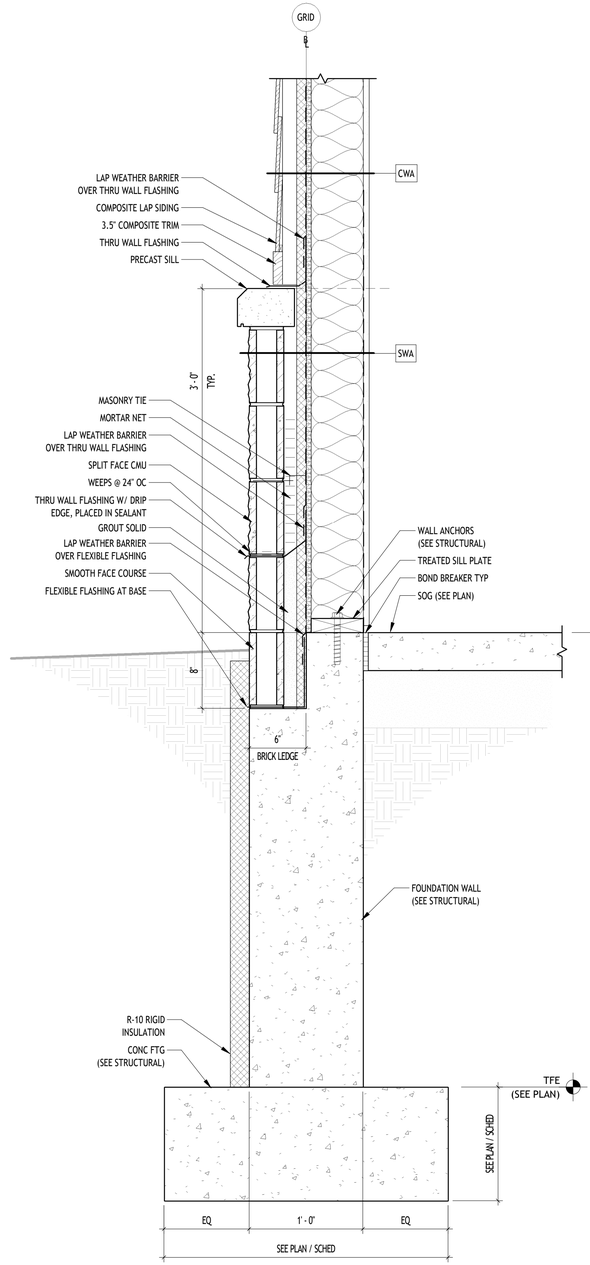
2 A501 **WINDOW SILL @ CWA DETAIL**
1 1/2" = 1'-0"



3 A501 **WINDOW SILL @ SWA DETAIL**
1 1/2" = 1'-0"



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



5 A501 **BASE OF WALL BRICK LEDGE DETAIL**
1 1/2" = 1'-0"

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DETAILS

A501

CONSTRUCTION SET

DOOR SCHEDULE

DOOR MARK	HARDWARE	DOOR WIDTH	DOOR HEIGHT	DOOR TYPE	DOOR MATERIAL	FIRE RATING	FRAME TYPE	FRAME MATERIAL	COMMENTS
100A	H1	3' - 0"	7' - 0"	C	ALUM	-	SF1	ALUM.	
100B	H3	3' - 0"	7' - 0"	C	ALUM	-	SF2	ALUM.	
101A	H5	3' - 0"	7' - 0"	B	WD	-	HM-1	HM	
102A	H2	3' - 0"	7' - 0"	C	ALUM	-	AL-1	ALUM.	
102B	H2	3' - 0"	7' - 0"	C	ALUM	-	AL-1	ALUM.	
103A	H6	3' - 0"	7' - 0"	C	WD	-	HM-3	HM	
104A	H6	3' - 0"	7' - 0"	C	WD	-	HM-3	HM	
105A	H6	3' - 0"	7' - 0"	C	WD	-	HM-1	HM	
106A	H6	3' - 0"	7' - 0"	C	WD	-	HM-2	HM	
106B	H6	3' - 0"	7' - 0"	C	WD	-	HM-1	HM	
107A	H5	3' - 0"	7' - 0"	A	WD	-	HM-1	HM	
108A	H5	3' - 0"	7' - 0"	A	WD	-	HM-1	HM	
109A	H4	3' - 0"	7' - 0"	A	WD	-	HM-1	HM	
110A	H4	3' - 0"	7' - 0"	A	WD	-	HM-1	HM	
111A	H5	3' - 0"	7' - 0"	A	WD	-	HM-1	HM	
112A	H5	3' - 0"	7' - 0"	A	WD	-	HM-1	HM	
113A	H6	3' - 0"	7' - 0"	B	WD	-	HM-1	HM	
114A	H5	3' - 0"	7' - 0"	A	WD	-	HM-1	HM	

DOOR HARDWARE NOTES

H1: EXTERIOR DOOR
1 1/2 PAIR BUTT HINGES
PULL / PUSH HANDLE
SURFACE CLOSER
WEATHERSTRIPPING
THRESHOLD
SWEEP
ACCESS CONTROL
ELECTRIC STRIKE

H2: EXTERIOR DOOR
1 1/2 PAIR BUTT HINGES
PULL HANDLE
PANIC HARDWARE
SURFACE CLOSER
WEATHERSTRIPPING
THRESHOLD
SWEEP
ACCESS CONTROL
ELECTRIC STRIKE

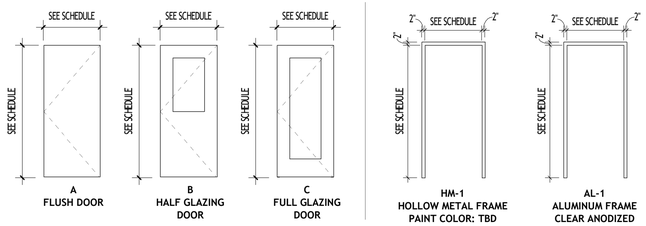
H3: INTERIOR DOOR
1 1/2 PAIR BUTT HINGES
PULL / PUSH HANDLE
SURFACE CLOSER
WALL STOP

H4: INTERIOR DOOR
1 1/2 PAIR BUTT HINGES
PUSH / PULL HANDLES
KICK PLATE / FOOT HANDLE
SURFACE CLOSER
WALL STOP

H5: INTERIOR DOOR
1 1/2 PAIR BUTT HINGES
STOREROOM LOCKSET
SURFACE CLOSER
WALL STOP
ACCESS CONTROL
ELECTRIC STRIKE

H6: INTERIOR DOOR
1 1/2 PAIR BUTT HINGES
PASSAGE LOCKSET
WALL STOP

GENERAL NOTES:
- 5 PIN, TUMBLER CYLINDER LOCKS AND STRIKE PLATES.
- SATIN NICKEL HARDWARE FINISH.
- HEAVYWEIGHT HINGES
- SOLID CORE DOORS
- ALL EXTERIOR OPENINGS TO HAVE INTRUSIVE DETECTION SYSTEM (IDS)



ROOM SCHEDULE

ROOM MARK	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	COMMENTS
100	VEST.	CPT-1 / GRATE/GRILLE	VB	PT	GYP BD	
101	LOBBY	CPT-1	VB	PT	GYP BD	
102	OPEN OFFICE	CPT-2	VB	PT	GYP BD	
103	NRCS OFFICE	CPT-2	VB	PT	ACT	
104	CONSULT	CPT-2	VB	PT	GYP BD	
105	FSA OFFICE	CPT-2	VB	PT	ACT	
106	CONFERENCE	CPT-2	VB	PT	ACT	
107	STORAGE NRCS	CPT-2	VB	PT	GYP BD	
108	ADP	CPT-2	VB	PT	GYP BD	
109	WOMENS BR	T-1	TB	PT	GYP BD	
110	MENS BR	T-1	TB	PT	GYP BD	
111	STORAGE FSA	CPT-2	VB	PT	GYP BD	
112	MUD	LVP	VB	PT	GYP BD	
113	BREAK ROOM	LVP	VB	PT	GYP BD	
114	MECH.	SC	VB	PT	GYP BD	

INTERIOR FINISH MATERIALS

FLOOR FINISH
CPT-1: WALK OFF CARPET - COLOR TBD
CPT-2: CARPET TILE - COLOR TBD
LVP: LUXURY VINYL PLANK
SC: SEALED CONCRETE
T-1: TILE FLOOR - COLOR TBD

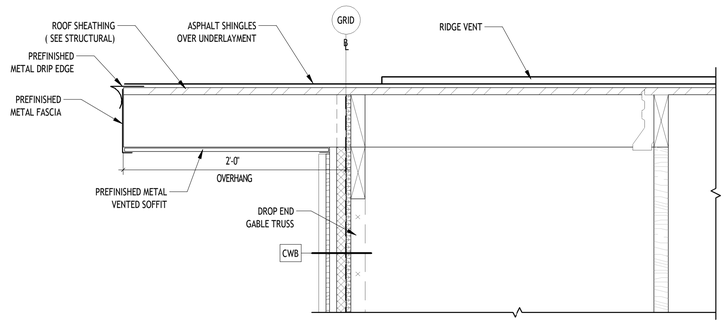
BASE FINISH
TB: TILE BASE - COLOR TBD
VB: VINYL BASE - COLOR TBD

WALL FINISH
PT: PAINT - COLOR TBD

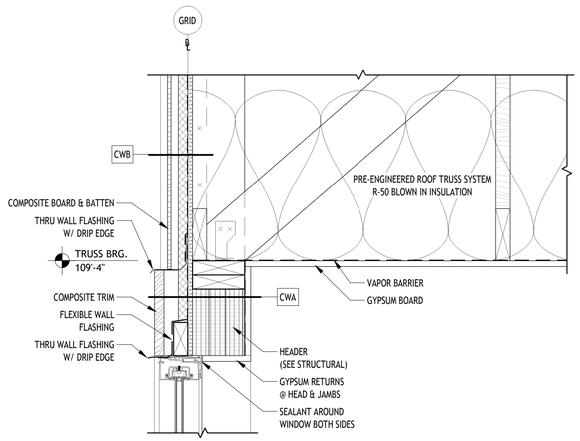
CEILING FINISH
GYP BD = GYPSUM BOARD CEILING
ACT = ACOUSTICAL CEILING TILE

NOTES:
CEILING HEIGHTS = VIEW SHEET A102
MAIN LEVEL REFLECTED CEILING PLAN.

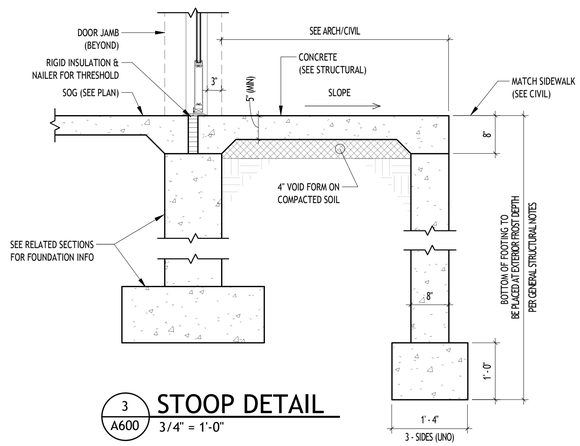
WALL TEXTURE = LIGHT ORANGE PEEL
CEILING TEXTURE = LIGHT ORANGE PEEL



1 / A600 GABLE END ROOF EAVE DETAIL
1 1/2" = 1'-0"

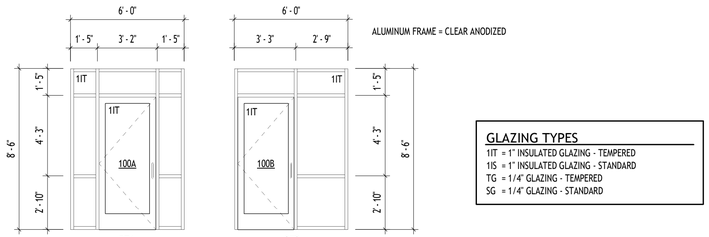


2 / A600 W & D HEADER @ GABLE END BELLY BAND
1 1/2" = 1'-0"



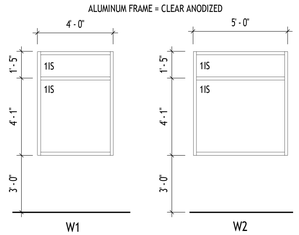
3 / A600 STOOP DETAIL
3/4" = 1'-0"

DOOR TYPE & FRAME ELEVATIONS

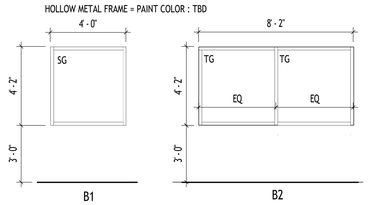


GLAZING TYPES
1IT = 1" INSULATED GLAZING - TEMPERED
1IS = 1" INSULATED GLAZING - STANDARD
TG = 1/4" GLAZING - TEMPERED
SG = 1/4" GLAZING - STANDARD

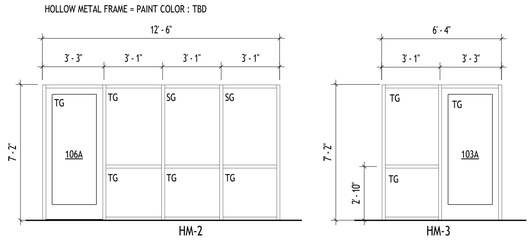
STOREFRONT ELEVATIONS
1/4" = 1'-0"



WINDOW ELEVATIONS
1/4" = 1'-0"



BORROWED LITE ELEVATIONS
1/4" = 1'-0"



HOLLOW METAL FRAME
1/4" = 1'-0"

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ROOM, WINDOW & DOOR SCHEDULES & DETAILS

A600

CONSTRUCTION SET

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