CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

DFD PROJECT #24B2B 10/07/2025 BD

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PROJECT LOCATIONS

1. 400 STATE TRAIL (400ST)
   240 RAILROAD STREET
   REEDSBURG, WI 53959
   REEDSBURG DEPOT
   SEE 100's SHEET SERIES
2. DEVIL'S LAKE STATE PARK (DLSP)
   S5975 PARK ROAD
   BARABOO, WI 53913
   CONCESSIONS BUILDING
   PARK HEADQUARTERS
   ROCK ELM SHELTER 1054
   SHELTER 1025
   SOUTH SHORE PUMP HOUSE
   TOILET/SHOWER BUILDING 1026
   TOILET/SHOWER BUILDING 1027
   SEE 200's SHEET SERIES
3. MACKENZIE CENTER (MC)
   W7303 COUNTY HIGHWAY CS
   POYNETTE, WI 53955
   MAINTENANCE SHOP
   SEE 300's SHEET SERIES
4. MILL BLUFF STATE PARK (MBSP)
   15819 FUNNEL ROAD
   CAMP DOUGLAS, WI 54618
   EAST SHELTER
   SEE 400's SHEET SERIES
5. MIRROR LAKE STATE PARK (MLSP)
   E10320 FERN DELL ROAD
   BARABOO, WI 53913
   PARK HEADQUARTERS
   RESIDENCE AND GARAGE
   SHOP BUILDING
   SEE 500's SHEET SERIES
6. PINE ISLAND WILDLIFE AREA (PIWA)
   N7104 STATZ ROAD
   PORTAGE, WI 53901
   HEADQUARTERS
   SEE 600's SHEET SERIES
7. POYNETTE STATE GAME FARM (PSGF)
   N3344 STEBBINS ROAD
   POYNETTE, WI 53955
   CARPENTER SHOP
   SEE 700's SHEET SERIES
8. ROCKY ARBOR STATE PARK (RASP)
   N101 US HIGHWAY 12/16
   WISCONSIN DELLS, WI 53965
   SHOP BUILDING
   SEE 800's SHEET SERIES

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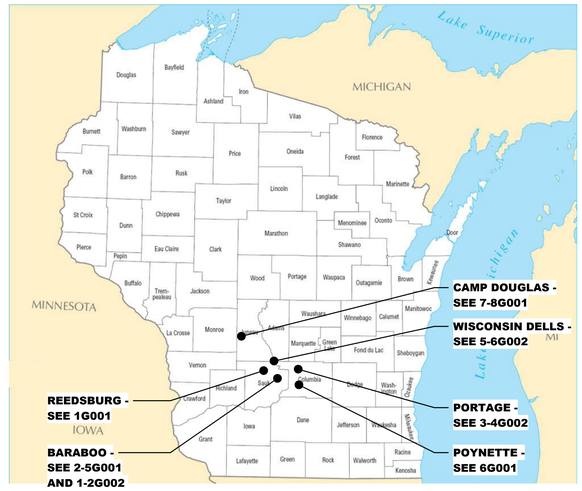

WISCONSIN STATE MAP

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Department of Administration
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SAUK, COLUMBIA, & JUNEAU COUNTIES

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REEDSBURG TRAIN DEPOT

PROJECT LOCATION: 240 RAILROAD STREET
REEDSBURG, WI 53959

1 400 STATE TRAIL LOCATION MAP

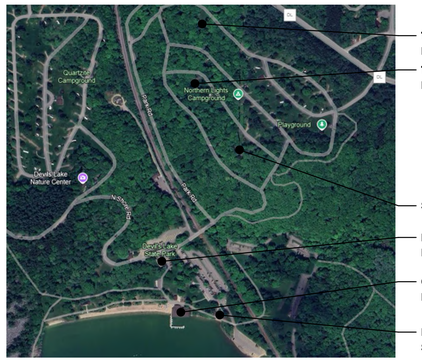
N.T.S.

TOILET/SHOWER BUILDING 1027
TOILET/SHOWER BUILDING 1026
SHELTER 1025
PARK HEADQUARTERS
ROCK ELM SHELTER 1054
CONCESSIONS BUILDING
SOUTH SHORE PUMP HOUSE

PROJECT LOCATION: S5975 PARK ROAD
BARABOO, WI 53913

2 DEVIL'S LAKE STATE PARK OVERALL LOCATION MAP

N.T.S.



TOILET/SHOWER BUILDING 1027
TOILET/SHOWER BUILDING 1026
SHELTER 1025
PARK HEADQUARTERS
CONCESSIONS BUILDING
ROCK ELM SHELTER 1054

PROJECT LOCATION: S5975 PARK ROAD
BARABOO, WI 53913

3 DEVIL'S LAKE STATE PARK NORTH SHORE LOCATION MAP

N.T.S.

SOUTH SHORE PUMP HOUSE

PROJECT LOCATION: S5975 PARK ROAD
BARABOO, WI 53913

4 DEVIL'S LAKE STATE PARK SOUTH SHORE LOCATION MAP

N.T.S.

POYNETTE STATE GAME FARM CARPENTER SHOP

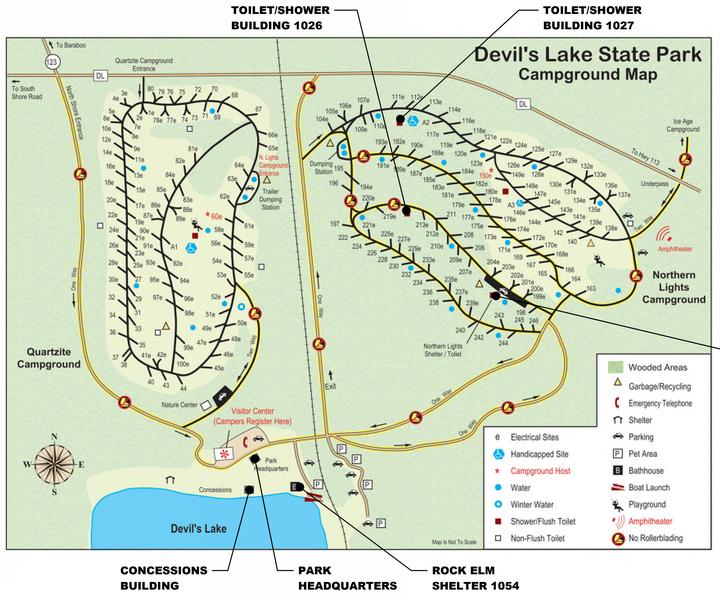
MACKENZIE CENTER MAINTENANCE SHOP

PROJECT LOCATION: POYNETTE STATE GAME FARM
N3344 STEBBINS ROAD
POYNETTE, WI 53955

PROJECT LOCATION: MACKENZIE CENTER
W7303 COUNTY HIGHWAY CS
POYNETTE, WI 53955

6 MACKENZIE CENTER AND POYNETTE STATE GAME FARM LOCATION MAP

N.T.S.



TOILET/SHOWER BUILDING 1026
TOILET/SHOWER BUILDING 1027
SHELTER 1025
CONCESSIONS BUILDING
PARK HEADQUARTERS
ROCK ELM SHELTER 1054

PROJECT LOCATION: S5975 PARK ROAD
BARABOO, WI 53913

5 DEVIL'S LAKE STATE PARK NORTHERN LIGHTS AND QUARTZITE CAMPGROUND MAP

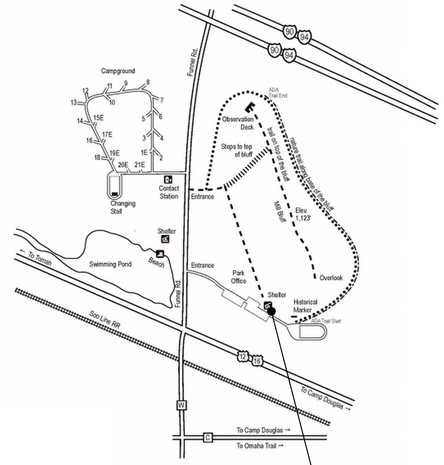
N.T.S.

EAST SHELTER

PROJECT LOCATION: 15819 FUNNEL ROAD
CAMP DOUGLAS, WI 54618

7 MILL BLUFF STATE PARK LOCATION MAP

N.T.S.



EAST SHELTER

PROJECT LOCATION: 15819 FUNNEL ROAD
CAMP DOUGLAS, WI 54618

8 MILL BLUFF STATE PARK CAMPGROUND MAP

N.T.S.

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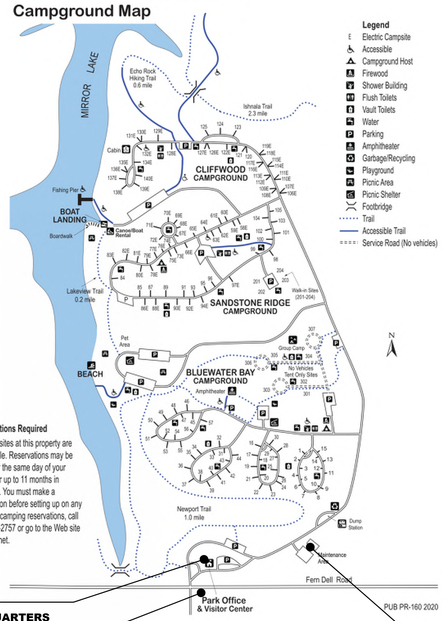
1 MIRROR LAKE STATE PARK LOCATION MAP

N.T.S.



2 MIRROR LAKE STATE PARK CAMPGROUND MAP

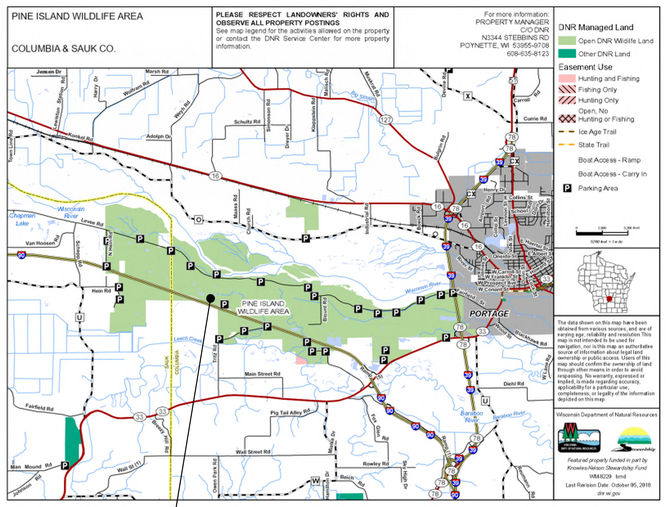
N.T.S.

3 PINE ISLAND WILDLIFE AREA LOCATION MAP

N.T.S.

5 ROCKY ARBOR STATE PARK LOCATION MAP

N.T.S.



4 PINE ISLAND WILDLIFE AREA PROPERTY MAP

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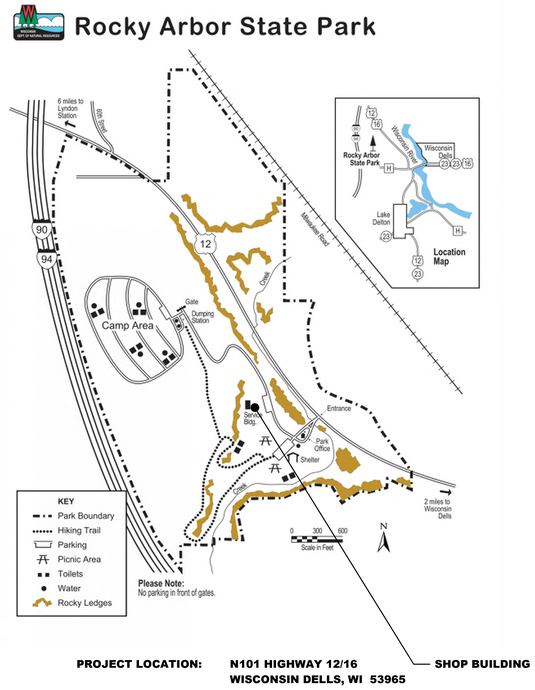

6 ROCKY ARBOR STATE PARK OVERALL MAP

N.T.S.

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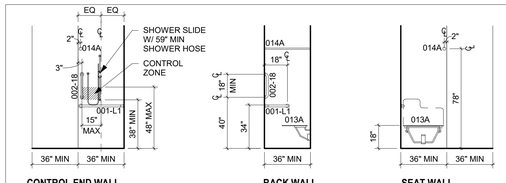
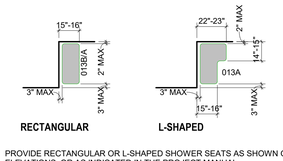


CONTROL END WALL | **BACK WALL** | **SEAT WALL**

ACCESSIBLE TRANSFER- TYPE SHOWER

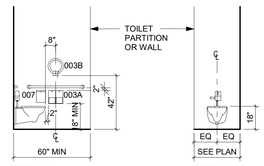
PROVIDE RECTANGULAR OR L-SHAPED SHOWER SEATS AS SHOWN ON PLANS OR ELEVATIONS



RECTANGULAR | **L-SHAPED**

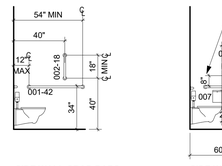
PROVIDE RECTANGULAR OR L-SHAPED SHOWER SEATS AS SHOWN ON PLANS, ELEVATIONS, OR AS INDICATED IN THE PROJECT MANUAL.

ACCESSIBLE SHOWER COMPARTMENT SEATS (FSS)

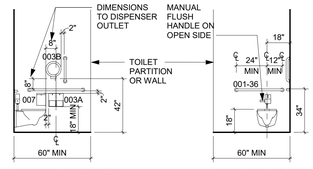


SIDE WALL | **REAR WALL**

STANDARD WATER CLOSET

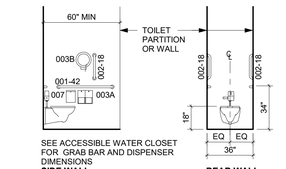


SIDE WALL GRAB BARS



SIDE WALL DISPENSERS | **REAR WALL GRAB BARS**

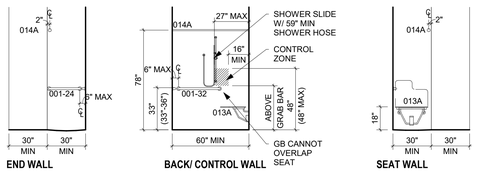
WHEELCHAIR ACCESSIBLE WATER CLOSET



SEE ACCESSIBLE WATER CLOSET FOR GRAB BAR AND DISPENSER DIMENSIONS

SIDE WALL | **REAR WALL**

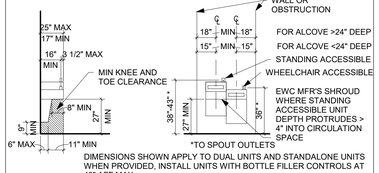
AMBULATORY ACCESSIBLE WATER CLOSET



END WALL | **BACK/ CONTROL WALL** | **SEAT WALL**

ACCESSIBLE ROLL-IN SHOWER WITH FOLDING SEAT

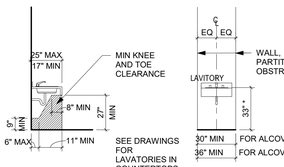
PROVIDE RECTANGULAR OR L-SHAPED SHOWER SEATS AS SHOWN ON PLANS OR ELEVATIONS



DIMENSIONS SHOWN APPLY TO DUAL UNITS AND STANDALONE UNITS WHEN PROVIDED, INSTALL UNITS WITH BOTTLE FILLER CONTROLS AT 43" AFF MAX

SIDE | **FRONT**

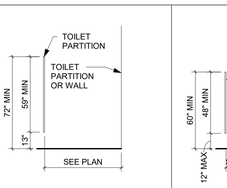
WHEELCHAIR ACCESSIBLE AND STANDING EWC AND DF



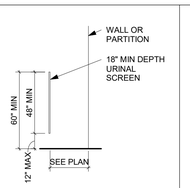
SIDE WALL | **BACK WALL**

ACCESSIBLE LAVATORY

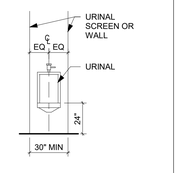
* TO THE HIGHER OF SINK RIM OR COUNTERTOP



TOILET PARTITION

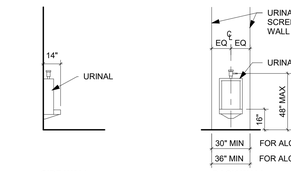


URINAL SCREEN



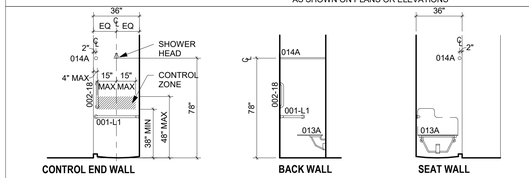
BACK WALL

STANDARD URINAL



SIDE WALL | **BACK WALL**

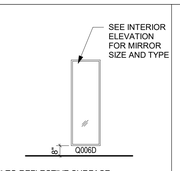
ACCESSIBLE URINAL



CONTROL END WALL | **BACK WALL** | **SEAT WALL**

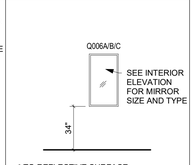
STANDARD SHOWER WITH CURB

* ACCESSORIES WITH AN ASTERISK (*) ARE TO BE PROVIDED ONLY WHEN SHOWN ON PLANS OR ELEVATIONS. SEE ACCESSIBLE TRANSFER- TYPE SHOWER FOR DIMENSION TO THESE ACCESSORIES



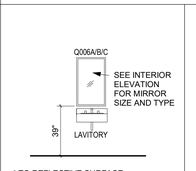
* TO REFLECTIVE SURFACE

ACCESSIBLE FULL-LENGTH CHANGING MIRROR



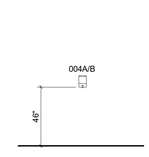
* TO REFLECTIVE SURFACE

ACCESSIBLE MIRROR WITHOUT LAV OR COUNTER

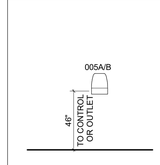


* TO REFLECTIVE SURFACE

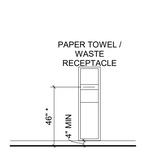
ACCESSIBLE MIRROR ABOVE LAV



ACCESSIBLE SOAP & HAND SANITIZER DISPENSER

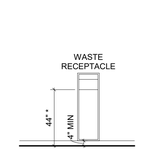


ACCESSIBLE PTD



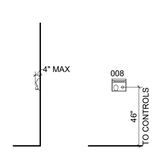
*TO TOWEL OUTLET OR CONTROL

ACCESSIBLE PAPER TOWEL / WASTE RECEPTACLE



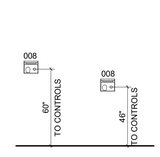
*TO TOP OF RECEPTACLE OPENING

ACCESSIBLE WASTE RECEPTACLE

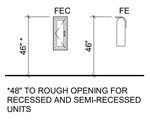


SIDE WALL | **BACK WALL**

ACCESSIBLE ELECTRIC HAND DRYER AND HAIR DRYER

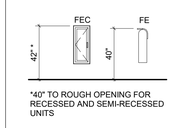


ELECTRIC HAND DRYER AND HAIR DRYER



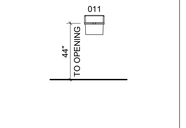
*48" TO ROUGH OPENING FOR RECESSED AND SEMI-RECESSED UNITS

FIRE EXTINGUISHER ≤ 40 LBS GW

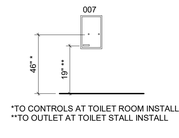


*40" TO ROUGH OPENING FOR RECESSED AND SEMI-RECESSED UNITS

FIRE EXTINGUISHER > 40 LBS GW

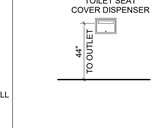


SHARPS DISPOSAL CONTAINER

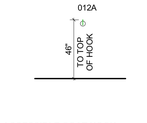


*TO CONTROLS AT TOILET ROOM INSTALL
**TO OUTLET AT TOILET STALL INSTALL

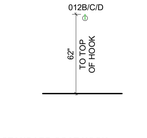
ACCESSIBLE SANITARY NAPKIN DISPENSER



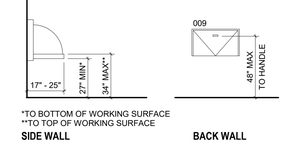
TOILET SEAT COVER DISPENSER



ACCESSIBLE COAT HOOK, ROBE HOOK, TOWEL HOOK



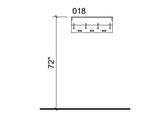
STANDARD COAT HOOK, ROBE HOOK, TOWEL HOOK



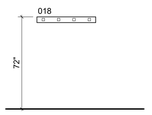
*TO BOTTOM OF WORKING SURFACE
**TO TOP OF WORKING SURFACE

SIDE WALL | **BACK WALL**

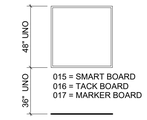
BABY CHANGING STATION



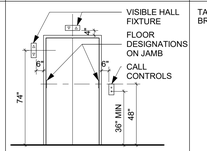
MOP/ BROOM HOLDER W/ SHELF



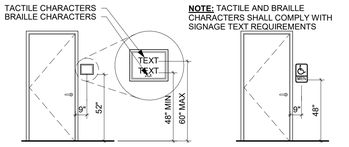
MOP/ BROOM HOLDER



VISUAL DISPLAY UNITS



ELEVATOR FIXTURES AND CONTROLS



SIGNAGE TEXT

VERIFY AND COORDINATE INSTALLATION DIMENSIONS WITH SHOP DRAWINGS. ADA SIGNAGE TO BE CONTRACTOR FURNISHED, CONTRACTOR INSTALLED

SIGNS WITH PICTOGRAMS

TACTILE AND VISUAL SIGNAGE

ACCESSORIES GENERAL NOTES:

1. NOT ALL ACCESSORIES REFERENCED ON SHEET G003 ARE INCLUDED IN THIS PROJECT. SEE ENLARGED FLOOR PLANS / ELEVATION SHEETS FOR ACCESSORIES LOCATIONS / LAYOUT.
2. ALL ACCESSORIES TO BE **PROVIDED AND INSTALLED BY CONTRACTOR**, UNLESS NOTED OTHERWISE
3. CONFIRM EXACT LOCATION OF EACH ACCESSORY WITH OWNER PRIOR TO INSTALLATION.
4. SURFACE MOUNTED ACCESSORIES SHALL BE INSTALLED OVER WALL TILE.
5. OFCI = OWNER FURNISHED, CONTRACTOR INSTALLED. BASIS OF DESIGN MODEL PROVIDED BY OWNER; VERIFIED FOR PLACEMENT COORDINATION
6. PROVIDE INSULATION WRAP AT EXPOSED PIPING AT SINKS WHERE NO OTHER PROTECTION IS PROVIDED

MOUNTING GENERAL NOTES:

A. ACCESSIBLE ITEMS MUST MOUNT ACCORDING TO THIS SHEET. OTHER ITEMS SHALL MOUNT AS INDICATED, UNO.
B. DIMENSIONS ARE TO THE FACE OF FINISH MATERIALS AND NOT TO SUBSTRATES.
C. DIMENSIONS ARE BASED ON COMPLIANCE WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, ICC/ANSI A117.1, OR OTHER APPLICABLE CODES AND REGULATIONS.
D. CONSTRUCTION/ INSTALLATION TOLERANCES AS DEFINED IN THE PROJECT MANUAL ARE INTENDED TO BE ACCOMMODATED WITH THE DIMENSIONS INDICATED.
E. MINIMUM AND MAXIMUM NOTATIONS
   a. WHERE A DIMENSION IS NOTED AS A MINIMUM (MIN) OR MAXIMUM (MAX), THE DIMENSION MUST BE VERIFIED AND COORDINATED WITH THE SHOP DRAWINGS SO THAT THE ITEM DIMENSIONED WILL BE INSTALLED ACCORDING TO THE DIMENSIONS INDICATED.
   b. MINIMUM AND MAXIMUM DIMENSIONS ARE ABSOLUTE WITH NO TOLERANCE BEYOND THE DIMENSION INDICATED.

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Division of Facilities Development

SAUK, COLUMBIA, & JUNEAU COUNTIES

CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title: ADA MOUNTING HEIGHTS

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	G003

ARCHITECTURAL ABBREVIATIONS FOR WORKING DRAWINGS

SYMBOLS

&	And
@	At
#	Number or Pound

ABBREVIATIONS

AB	Anchor Bolt
A/C	Air Conditioning
AC	Acoustical
ADJ	Adjacent or Adjustable
AFF	Above Finish Floor
ALUM	Aluminum
ANOD	Anodized
APPROX	Approximate
ARCH	Architect, Architectural
AUTO	Automatic
B&B	Balled & Burlapped
BB	Bulletin Board
BC	Bottom of Curb
BD	Board
BDS	Boards
BEV	Bevel
BEV SID	Beveled Siding
BIT	Bituminous
BLDG	Building
BLK	Block
BLKG	Blocking
BM	Beam
BOT	Bottom
BR	Bedroom
BRG	Bearing
BRK	Brick
BRKT	Bracket
BSMT	Basement
CAB	Cabinet
CPT	Carpet
CB	Catch Basin
CEM	Cement
CER	Ceramic
CG	Corner Guard
CH	Cabinet Heater
CHAN	Channel
CI	Cast Iron
CIP	Cast-In-Place
CJ	Control Joint
CLG	Ceiling
CLO	Closet
CLR	Clear, Clearance
CMU	Concrete Masonry Unit
CNTR	Counter
CO	Clean Out
COL	Column
COMB	Combination
COMM	Communications
COMP	Composition
CONC	Concrete
CONST or CONSTR	Construction
CONT	Continuous
CORR	Corridor
CSK	Countersunk
CSMT	Casement
CT	Ceramic Tile
CTR	Center
CYL	Cylinder
d	Penny
D4S	Dressed 4 Sides
DBL	Double
DEMO	Demolish, Demolition
DEPT	Department
DET	Detail
DF	Drinking Fountain
DH	Double Hung
DIAG	Diagonal
DIM	Dimension
DIV	Division
DL	Dead Load
DN	Down
DOUG FIR	Douglas Fir
DR	Door
DS	Downspout
DW	Dishwasher
DWG	Drawing
E	East
EJ	Expansion Joint
ELEC	Electric
ELEV	Elevation, Elevator
EPDM	Ethylene Propylene Diene Monomer (rubber)
EQ	Equal
EQUIP	Equipment
EW	Each Way or Eye Wash
EWC	Electric Water Cooler
EXCAV or EXC	Excavate
EXH	Exhaust
EXIST	Existing
EXP	Expansion
EXT	Exterior
F.F.	Finish Floor
FA	Fire Alarm
fc	Compression strength at a specified time
FD	Floor Drain
FDN	Foundation
FHC	Fire Hose Cabinet
FIN	Finish, Finished
FIN GR	Finish Grade
FIN FL	Finished Floor
FIX	Fixture
FL	Floor
FLAM	Flammable
FLASH	Flashing
FLEX	Flexible
FLG	Flooring
FLR PL	Floor Plate
FLUOR	Fluorescent
FOS	Face of Studs
FOW	Face of Wall
FP	Fire Proof (ing)
FPM	Feet per Minute
FPS	Feet per Second
FT	Foot
FTG	Footing
FURR	Furring
FX	Fire Extinguisher
fy	Yield Stress of Steel
GA	Gage or Gauge
GALV	Galvanized
GB	Garb Bar
GEN SET	Generator Unit
GL	Glass
GLUE LAM	Glue Laminated
GLZ	Glazing
GP	Guard Post
GPM	Gallons per Minute
GYP BD	Gypsum Wall Board
GWT	Glazed Wall Tile
GYM	Gymnasium
GYP	Gypsum
H	High
HB	Hose Bibb
HC	Hollow Core
HCAP	Handicap
HD	Heavy Duty
HDBD	Hardboard
HDPE	High Density Polyethylene
HDR	Header
HDWD	Hardwood
HDWE	Hardware
HM	Hollow Metal
HORIZ	Horizontal
HP	Horsepower
HPL	High-Pressure Laminate
HR	Handrail or Hour
HSKG	Housekeeping
HT or HGT	Height
HTNG or HTG	Heating
HVAC	Heating, Ventilating, Air Conditioning
HYD	Hydrant or Hydraulic
Hz	Hertz
ID	Inside Diameter
IN	Inch
INCL	Include, Inclusive
INSUL	Insulation or Insulating
INT	Interior
INV	Invert
IPS	Iron Pipe Size
JAN	Janitor
JC	Janitor Closet
JST	Joist
JT	Joint
K	Kips or Thermal Conductivity (BTU/IN/HR/SF/DEG F)
KD	Kiln Dried or Knock Down
KIT	Kitchen
L	Length
LAB	Laboratory
LAM	Laminated
LAV	Lavatory
LBR	Lumber
LC	Length of Curve
LCD	Liquid Crystal Display
LH	Left Hand
LHR	Left Hand Reverse
LKR	Locker
LL	Lead Lined
LP	Low Point
LR	Living Room
LT	Light
M	Thousand
M/L or ML	Match Line
MACH	Machine
MAS	Masonry
MATL	Material
MAX	Maximum
MB	Marker board
MDH	Magnetic Door Holder
MECH	Mechanical
MED	Medium
MEMB	Membrane
MET or MTL	Metal
MEZZ	Mezzanine
MFR	Manufacturer
MH	Manhole
MIN	Minimum
MLWK	Millwork
MO	Masonry Opening
MOD	Modify
MPL	Maple
MR	Mirror
MTD	Mounted
MULL	Mullion
N	North
N/A or NA	Not Applicable
NIC	Not in Contract
NO.	Number
NOM	Nominal
NPS	Nominal Pipe Size
NRC	Noise Reduction Coefficient
NTS	Not to Scale
OC	On Center
OD	Outside Diameter
OFF	Office
OH	Opposite Hand
OHD	Overhead (door)
OPNG	Opening
OPP	Opposite
PARTN	Partition
PB	Push Button
PBD	Particle Board
PC	Precast
PEMB	Pre-Engineered Metal Building
PERIM	Perimeter
PKG	Package
PL	Plate
PLAM	Plastic Laminate
PLAS	Plaster
PLYWD	Plywood
PNL	Panel
POLY	Polyethylene
PR	Pair
PRE FAB	Prefabricated
PREP	Prepare, Preparation
PROT BD	Protection Board
PSF	Pounds per Square Foot
PSI	Pounds per Square Inch
PT	Point
PTD	Painted
PVC	Polyvinyl Chloride
PVMT	Pavement
QS	Quarter Sawn
QT	Quarry Tile
QTY	Quantity
R	Riser, Radius
R	Thermal Resistance
RAD	Radius
RB	Rubber Base
RD	Roof Drain
REBARS	Reinforcing Bars
REF	Refer, Reference
REFL	Reflected (ive) (or)
REFR or REFRIG	Refrigerator
REINF	Reinforce (d) (ing) (ment)
REQ/REQ'D	Required
RESIL	Resilient
RET	Return, Retaining
REV	Revision, Revised
RH	Right Hand
RHR	Right Hand Reverse
RM	Room
RO	Rough Opening
ROW	Right of Way
RWL	Rainwater Leader
RX	Roof Exhaust (er)
S	South
S4S	Surfaced 4 Sides
SCHED	Schedule
SCW	Solid Core Wood
SD	Storm Drain
SEAL	Sealant
SECT	Section
SEL	Select
SF	Square Foot
SGL	Single
SHR	Shower
SHGL	Shingle
SHT	Sheet
SHTG	Sheathing
SIM	Similar
SL	Snow Load
SLV	Sleeve
SM	Sheet Metal
SPEC	Specification
SPKR	Speaker
SPR	Sprinkler
SQ	Square
SS	Stainless Steel
SSK	Service Sink
STA	Station
STC	Sound Transmission Class
STD	Standard
STL	Steel
STOR or STO	Storage
STR	Stringer
STRUCT	Structural
SUSP	Suspended
SV	Sheet Vinyl
SYM	Symmetrical
SYS	System
T	Tread
T & G	Tongue and Groove
TOB	Top of Beam
TOC	Top of Concrete
TOF	Top of Footing
TOM	Top of Masonry
T.P.	Toilet Paper
TOS	Top of Slab
TOW	Top of Wall
TB	Tackboard
TEL	Telephone
TEMP	Temporary, Temper(ed)
THK (T)	Thickness
THRES	Threshold
TOIL	Toilet
TS	Tack Strip
TT	Double-Tee
TV	Television
TYP	Typical
TZO	Terrazzo
U	Thermal Conductance (1 divided by R)
UC	Undercut
UL	Underwriters Laboratories
UNFIN	Unfinished
UR	Urinal
UTIL	Utility
UV	Ultra-Violet
V.I.F.	Verify in Field
VB	Vapor Barrier
VB	Vinyl Base
VCT	Vinyl-Composition Tile
VENT	Ventilation (or)
VERT	Vertical
VEST	Vestibule
VG	Vertical Grain
VIN	Vinyl
VOL	Volume
VP	Veneer Plaster
VTR	Vent thru Roof
VWC	Vinyl Wall Covering
W	West, Width, Wide
W/	With
W/O	Without
WC	Water Closet
WD	Wood
WDW or WDO	Window
WF	Wide Flange
WGL	Wire Glass
WH	Wall Hung
WP	Waterproof (ing)
WS	Weatherstripping
WSCT	Wainscott
WT	Weight
WWF	Welded Wire Fabric
YP	Yellow Pine

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Sheet Title: ARCHITECTURAL ABBREVIATIONS

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GENERAL SYMBOLS:

- TEE (BRANCH TO SIDE)
- TEE (BRANCH DOWN)
- RISER UP
- RISER DOWN
- CLEANOUT (CO)
- OR
- WALL CLEANOUT (WCO)
- FLOOR CLEANOUT (FCO)
- YARD CLEANOUT (YCO)
- UNION
- FLOW ARROW
- CHECK VALVE
- PRESSURE REGULATING VALVE
- HOSE BIBB (HB) OR WALL HYDRANT (WH)
- EXISTING / NEW
- POINT OF CONNECTION (POC)
- CAP
- BALANCING VALVE
- SHUTOFF VALVE
- PIPE STRAINER
- FIXTURE STOP
- VALVE IN RISER
- THERMOMETER
- PRESSURE GAUGE
- WATER HAMMER ARRESTOR
- ANGLE VALVE - FIRE HOSE CONNECTION
- RELIEF VALVE
- FLOOR DRAIN (FD)
- HUB DRAIN (HD)
- FINISHED FLOOR ELEVATION
- XX — FIXTURE UNITS - DRAINAGE OR SUPPLY (DFU OF WSFU)
- # — DEMOLITION KEYED NOTE
- # — NEW WORK KEYED NOTE
- #/! — REVISION KEYED NOTE
- X / PX — TAG FOR CONTINUATION MATCH POINTS

PLUMBING LEGEND:

CW	COLD WATER
HW	HOT WATER
HWR	HOT WATER RECIRCULATION
W	DOMESTIC WATER SERVICE
SAN	SANITARY DRAIN, WASTE OR SEWER (SAN)
V	VENT (V)
XX (E)	EXISTING VENT (SERVICE DESIGNATED)
XX (E)	EXISTING WATER (SERVICE DESIGNATED)
XX (E)	EXISTING PIPE TO BE REMOVED/DEMOLISHED
XX (E)	EXISTING VENT TO BE REMOVED/DEMOLISHED

ABBREVIATIONS:

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BFF	BELOW FINISHED FLOOR
BFG	BELOW FINISHED GRADE
CO	CLEANOUT
DF	DRINKING FOUNTAIN
(E)	EXISTING TO REMAIN
EA	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
EEW	EMERGENCY EYEWASH
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
GC	GENERAL CONTRACTOR
HB	HOSE BIBB
HC	HVAC CONTRACTOR
HD	HUB DRAIN
HW	HOT WATER
HWR	HOT WATER RECIRCULATION
IE	INVERT ELEVATION
PC	PLUMBING CONTRACTOR
S	SINK
SAN	SANITARY
SH	SHOWER
UR	URINAL
V	VENT
VTR	VENT THRU ROOF
W	DOMESTIC WATER SERVICE
WC	WATER CLOSET
WHA	WATER HAMMER ARRESTOR
WHR	WATER HEATER

PLUMBING SHEET INDEX

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ABBREVIATIONS

A	COMPRESSED AIR
ACC	AIR COOLED CONDENSER
ACCU	AIR COOLED CONDENSING UNIT
ACU	AIR CONDITIONING UNIT
AD	ACCESS DOOR
ADJ	ADJUSTABLE
A/E	ARCHITECT/ENGINEER
AF	AIR FOIL
AFF	ABOVE FINISHED FLOOR
AFMS	AIR FLOW MEASURING STATION
AHU	AIR HANDLING UNIT
AL	ALUMINUM
AMP	AMPERE
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
ASC	ABOVE SUSPENDED CEILING
ATR	AIR TROFFER - RETURN
ATS	AIR TROFFER - SUPPLY
AUTO	AUTOMATIC
B	BOILER
BB	BASEBOARD
BC	BOOSTER COIL
BCU	BLOWER COIL UNIT
BDD	BACK DRAFT DAMPER
BFP	BACKFLOW PREVENTER
BHP	BRAKE HORSEPOWER
BI	BACKWARD INCLINED
BLDG	BUILDING
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BOS	BOTTOM OF STRUCTURE
BR	BRINE RETURN
BRG	BEARING
BS	BRINE SUPPLY
BSMT	BASEMENT
BTU	BRITISH THERMAL UNIT
C	CONVECTOR
CA	COMBUSTION AIR
CAB	CABINET
CCC	COOLING COIL CONDENSATE
CD	CEILING DIFFUSER
CF	CEILING (DESTRATIFICATION) FAN
CFM	CUBIC FEET PER MINUTE
CH	CHILLER
CWR	CHILLED WATER RETURN
CWS	CHILLED WATER SUPPLY
CI	CAST IRON OR CUBIC INCH
CL	CENTERLINE
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
COMB	COMBINATION OR COMBUSTION
CONC	CONCRETE
COND	CONDENSATE
CONTR	CONTRACTOR
COP	COEFFICIENT OF PERFORMANCE
CP	CONDENSATE PUMP
CRU	COMPUTER ROOM UNIT
CR	CONDENSER WATER RETURN
CS	CONDENSER WATER SUPPLY
CT	COOLING TOWER
CU	COPPER
CUH	CABINET UNIT HEATER
CW	COLD WATER
D	DRAIN
DB	DRY BULB
DC	DRY COOLER
DCO	DOOR CUTOFF BY GC
DDC	DIRECT DIGITAL CONTROL
DEPT	DEPARTMENT
DG	DOOR GRILLE BY GC
DIA	DIAMETER
DN	DOWN
DSA	DUCT SOUND ATTENUATOR
DSF	DESTRATIFICATION FAN
DWD	DUAL WALL DUCTWORK
DWDI	DOUBLE WIDTH DOUBLE INLET
DWG	DRAWING
E	EXISTING
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
EER	ENERGY EFFICIENCY RATIO
EFBP	EXTERNAL FACE & BYPASS
EG	EXHAUST GRILLE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
EQUIP	EQUIPMENT
ER	EXHAUST REGISTER
ERU	ENERGY RECOVERY UNIT
ERV	ENERGY RECOVERY VENTILATOR
ET	EXPANSION TANK
ETR	EXISTING TO REMAIN
EWH	ELECTRIC WALL HEATER
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
EXT	EXTERIOR OR EXTERNAL
F	FURNACE
°F	DEGREES FAHRENHEIT
F&B	FACE & BYPASS
F&T	FLOAT & THERMOSTAT TRAP
FA	FREE AREA
FC	FORWARD CURVED
FCU	FAN COIL UNIT
FD	FLOOR DRAIN OR FIRE DAMPER
FFA	FROM FLOOR ABOVE
FFB	FROM FLOOR BELOW
FILL	FILL LINE
FLA	FULL LOAD AMPS
FLEX	FLEXIBLE
FM	FLOW METER
FOO	FUEL OIL OVERFLOW
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VENT
FPC	FIRE PROTECTION CONTRACTOR
FPM	FEET PER MINUTE
FS	FLOW SWITCH
FT	FOOT OR FEET
G	GAS
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GLYR	GLYCOL RETURN
GLYS	GLYCOL SUPPLY
GRH	GAS FIRED RADIANT HEAT
GPM	GALLONS PER MINUTE
GPC	GENERAL PRIME CONTRACTOR
GUH	GAS FIRED UNIT HEATER
GV	GAS VENT
H	HUMIDIFIER
HB	HOSE BIBB
HC	HEATING CONTRACTOR
HCR	HOT/CHILLED WATER RETURN
HCS	HOT/CHILLED WATER SUPPLY
HD	HUB DRAIN
HDT	HORIZONTAL DRAW THRU
HG	MERCURY
HGT	HEIGHT
HP	HORSEPOWER
HPC	HIGH PRESSURE CONDENSATE
HPS	HIGH PRESSURE STEAM
HPU	HEAT PUMP UNIT
HPWR	HEAT PUMP WATER RETURN
HPWS	HEAT PUMP WATER SUPPLY
HR	HOUR
HRU	HEAT RECOVERY UNIT
HSR	HEAT SINK RETURN
HSS	HEAT SINK SUPPLY
HTWR	HIGH TEMPERATURE HOT WATER RETURN
HTWS	HIGH TEMPERATURE HOT WATER SUPPLY
HVAC	HEATING VENTILATING AND AIR CONDITIONING
HW	HOT WATER
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HWY	HIGHWAY
HX	HEAT EXCHANGER
HYD	HYDRANT
HZ	HERTZ
IH	INTAKE HOOD
IFBP	INTERNAL FACE & BYPASS
IN	INCH
INV	INVERT
IPLV	INTEGRATED PART LOAD VALUE
JWR	JACKET WATER RETURN
JWS	JACKET WATER SUPPLY
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LD	LINEAR DIFFUSER
LPC	LOW PRESSURE CONDENSATE
LPS	LOW PRESSURE STEAM
LR	LINEAR RETURN
LT	LIGHT TROFFER
LWT	LEAVING WATER TEMPERATURE
M	MOTOR OPERATED DAMPER
MAT	MIXED AIR TEMPERATURE
MA	MIXED AIR
MAU	MAKE-UP AIR UNIT
MAX	MAXIMUM
MBH	1000 BRITISH THERMAL UNITS/HOUR
MCA	MINIMUM CIRCUIT AMPS
MCC	MOTOR CONTROL CENTER
MECH	MECHANICAL
MEZZ	MEZZANINE
MFS	MAXIMUM FUSE SIZE
MH	MANHOLE
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
MTD	MOUNTED
MUA	MAKE-UP AIR UNIT
NC	NOISE CRITERIA
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NPLV	NOMINAL PART LOAD VALUE
NTS	NOT TO SCALE
O	OXYGEN
OA	OUTDOOR AIR
OAT	OUTDOOR AIR TEMPERATURE
OC	ON CENTER
OED	OPEN ENDED DUCT
OPD	OPPOSED BLADE DAMPER
P	PUMP
PC	PLUMBING CONTRACTOR
PD	PUMP DISCHARGE
PLBG	PLUMBING
POC	POINT OF CONNECTION
PRE	POWER ROOF EXHAUST FAN
PRELIM	PRELIMINARY
PRESS	PRESSURE
PRV	PRESSURE REDUCING VALVE
PS	PRESSURE SWITCH
PSD	PUMP SUCTION DIFFUSER
PSI	POUNDS PER SQUARE INCH
PTAC	PACKAGED TERMINAL AIR CONDITIONER
PVC	POLYVINYL CHLORIDE
R	REFRIGERANT
RA	RETURN AIR
RCP	RADIANT CEILING PANEL
RD	ROOF DRAIN
REQD	REQUIRED
RF	RETURN FAN
RG	RETURN GRILLE
RH	RELIEF HOOD
RHG	REFRIGERANT HOT GAS
RL	REFRIGERANT LIQUID
RPM	REVOLUTIONS PER MINUTE
RS	REFRIGERANT SUCTION
RR	RETURN REGISTER
RTU	ROOF TOP UNIT
S	SUPPLY
SA	SUPPLY AIR
SCR	SILICONE CONTROLLED RECTIFIERS
SD	SLOT DIFFUSER
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SEG	SECURITY EXHAUST GRILLE
SF	SUPPLY FAN
SG	SUPPLY GRILLE
SM	SHEET METAL
SQ FT	SQUARE FEET
SR	SUPPLY REGISTER
SRG	SECURITY RETURN GRILLE
SRV	SAFETY RELIEF VALVE
SS	STAINLESS STEEL
SSG	SECURITY SUPPLY GRILLE
STG	SECURITY TRANSFER GRILLE
SWD	SINGLE WALL DUCTWORK
SWSI	SINGLE WIDTH SINGLE INLET
T	THERMOSTAT/TEMPERATURE SENSOR
TA	THROWAWAY
TCAC	TEMPERATURE CONTROL AIR COMPRESSOR
TCC	TEMPERATURE CONTROL CONTRACTOR
TCP	TEMPERATURE CONTROL PANEL
TCV	TEMPERATURE CONTROL VALVE
TEMP	TEMPORARY
TF	TRANSFER FAN
TFA	TO FLOOR ABOVE
TFB	TO FLOOR BELOW
TG	TRANSFER GRILLE
TO	TEST OPENINGS
TS	TIP SPEED
TYP	TYPICAL
UH	UNIT HEATER
UST	UNDERGROUND STORAGE TANK
UV	UNIT VENTILATOR
UNEX	UNEXCAVATED
V	VENT
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VB	VACUUM BREAKER
VD	VOLUME DAMPER
VDT	VERTICAL DRAW THRU
VEL	VELOCITY
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VSC	VARIABLE SPEED CONTROL
W TO W	WALL TO WALL
WB	WET BULB
WC	WATER COLUMN
WF	WALL FIN
WP	WEATHER PROOF
WPD	WATER PRESSURE DROP
YH	YARD HYDRANT

DUCTWORK SYSTEMS

- DUCT SIZE, (FIRST FIGURE IS SIDE SHOWN) — 20/12
- ROUND DUCT — 12" ø
- OVAL DUCT — 20/12 ø
- AXIAL FLOW FAN
- CHANGE OF ELEVATION IN DIRECTION OF AIR FLOW — UP/DN
- ACCESS DOOR, VERTICAL OR HORIZONTAL — AD
- ACOUSTICAL DUCT LINER
- DUCT LAGGING
- FLEXIBLE CONNECTION
- DUCT SOUND ATTENUATOR
- DUCT TRANSITION (DOUBLE LINE)
- DUCT TRANSITION (RECT. TO ROUND)
- DUCT TRANSITION (SINGLE LINE)
- HIDDEN DUCTWORK
- BACK DRAFT DAMPER — B
- DUCT HEATER, ELECTRIC
- MOTOR OPERATED DAMPER — M
- MANUAL VOLUME DAMPER
- SMOKE DETECTOR — S
- SMOKE DAMPER — S
- FIRE DAMPER — NEW F / F EXISTING
- COMBINATION FIRE/SMOKE DAMPER — NEW FS / FS EXISTING
- STANDARD BRANCH, SUPPLY, RETURN, OR EXHAUST, NO SPLITTER — VD
- ROOF VENTILATOR OR HOOD ON ROOF ABOVE
- ROOF VENTILATOR OR HOOD ON ROOF
- DUCT CAP
- END OF DUCT
- POSITIVE PRESSURE DUCT SECTION — EXISTING / NEW
- POSITIVE PRESSURE DUCT (DOWN OR AWAY)
- NEGATIVE PRESSURE DUCT SECTION — EXISTING / NEW
- NEGATIVE PRESSURE DUCT (DOWN OR AWAY)
- FLEXIBLE DUCT DIFFUSER CONNECTION
- SIDEWALL AIR DEVICE — OR
- EXHAUST, RETURN, OR TRANSFER AIR DEVICE
- SUPPLY AIR DEVICE
- LINEAR OR SLOT AIR DEVICE
- TRANSFER GRILLE ASSEMBLY — SIZE
- LOUVER AND BIRD SCREEN
- DOOR GRILLE — DG / X.X ø FA
- 3/4" DOOR CUTOFF (UNDERCUT) BY GC — DCO
- ELBOW WITH TURNING VANES
- TERMINAL UNIT, MIXING
- TERMINAL UNIT, VARIABLE VOLUME WITH REHEAT
- TERMINAL UNIT, VARIABLE VOLUME WITH REHEAT
- TERMINAL UNIT, VARIABLE VOLUME
- BOOSTER COIL
- UNIT HEATER
- CENTRIFUGAL FAN
- PROPELLER FAN
- AIR FLOW
- POINT OF NEW CONNECTION (PIPE OR DUCT) — EXISTING / NEW
- SQUARE FEET
- ELEVATION SYMBOL
- MAXIMUM SECURITY BARS
- MEDIUM SECURITY BARS

PIPING SYSTEMS

- GENERAL SHUTOFF VALVE SEE SPECIFICATIONS FOR TYPE
- BALL VALVE
- GAUGE VALVE
- BUTTERFLY VALVE
- GATE VALVE
- GATE, ANGLE VALVE
- GLOBE VALVE
- GLOBE, ANGLE VALVE
- PLUG VALVE (GAS)
- CALIBRATED BALANCE/SHUTOFF VALVE (FLOW MEASURING)
- OS & Y GATE VALVE
- OS & Y GLOBE VALVE
- 2-WAY TEMPERATURE CONTROL VALVE (PNEUMATIC OR ELECTRIC)
- 3-WAY TEMPERATURE CONTROL VALVE (PNEUMATIC OR ELECTRIC)
- CHECK VALVE
- DRAIN VALVE (W/ HOSE CONNECTION & BRASS CAP)
- LOCK SHIELD VALVE
- NEEDLE VALVE
- PRESSURE REDUCING VALVE
- RELIEF (R) OR SAFETY (S) VALVE
- SOLENOID VALVE — S
- TRIPLE DUTY VALVE
- BLIND FLANGE
- CAP
- CONNECTION, BOTTOM
- CONNECTION, TOP
- ELBOW, TURNED UP
- ELBOW, TURNED DOWN
- REDUCER, CONCENTRIC
- REDUCER, ECCENTRIC - STRAIGHT INVERT
- REDUCER, ECCENTRIC - STRAIGHT CROWN
- AIR VENT — V
- VACUUM BREAKER — VB
- AIR SEPARATOR
- PIPE ALIGNMENT GUIDE
- PIPE ANCHOR
- BALL JOINT
- EXPANSION JOINT
- EXPANSION LOOP
- FLEXIBLE CONNECTOR
- STEAM TRAP
- FLOW METER — FM
- FLOW SWITCH — FS
- TEMPERATURE SENSOR — T
- PITCH OF PIPE
- PRESSURE GAUGE AND COCK — P
- PRESSURE SWITCH — PS
- PUMP
- PUMP IN VERTICAL
- STRAINER
- STRAINER, W/ BLOW DOWN VALVE
- THERMOMETER
- THERMOMETER WELL, ONLY
- PETES PLUG
- BACKFLOW PREVENTER — BFP
- FLOW DIRECTION IN PIPES
- HANGERS
- UNION
- PIPE FLANGE
- WATER METER — WM
- FLOW REGULATOR — FR
- HPS — HIGH-PRESSURE STEAM
- LPS — LOW-PRESSURE STEAM
- HPC — HIGH-PRESSURE CONDENSATE
- LPC — LOW-PRESSURE CONDENSATE
- BBD — BOILER BLOWDOWN
- PD — PUMP DISCHARGE CONDENSATE
- COND — CONDENSATE
- VAC — VACUUM PUMP CONDENSATE
- CW — COLD WATER (DOMESTIC)
- MU — MAKEUP WATER
- V — ATMOSPHERIC VENT
- FOO — FUEL OIL OVERFLOW
- FOS — FUEL OIL SUPPLY
- FOR — FUEL OIL RETURN
- FOV — FUEL OIL TANK VENT
- FOF — FUEL OIL FILL
- G — GAS
- LP — LIQUID PROPANE
- HWS — HOT WATER SUPPLY
- HWR — HOT WATER RETURN
- A — COMPRESSED AIR
- VAC — VACUUM (AIR)
- RHG — REFRIGERANT HOT GAS
- RS — REFRIGERANT SUCTION
- RL — REFRIGERANT LIQUID
- BS — BRINE SUPPLY
- BR — BRINE RETURN
- CS — CONDENSER WATER SUPPLY
- CR — CONDENSER WATER RETURN
- CWS — CHILLED WATER SUPPLY
- CWR — CHILLED WATER RETURN
- H — HUMIDIFICATION LINE
- D — DRAIN

GENERAL SYMBOLS

- T — THERMOSTAT OR TEMPERATURE SENSOR
- T — THERMOSTAT OR TEMPERATURE SENSOR WITH SECURITY COVER
- H — HUMIDISTAT OR HUMIDITY SENSOR
- H — HUMIDISTAT OR HUMIDITY SENSOR WITH SECURITY COVER
- MOTOR STARTER
- S — SPEED CONTROLLER
- $ — START/STOP SWITCH
- CO2 — CARBON DIOXIDE SENSOR
- CO — CARBON MONOXIDE SENSOR
- NO2 — NITROGEN DIOXIDE SENSOR
- # — DEMOLITION KEYED NOTE
- # — NEW WORK KEYED NOTE
- # — REVISION KEYED NOTE
- EXISTING TO REMAIN (DUCTWORK, PIPING, & EQUIPMENT)
- EXISTING TO BE REMOVED (DUCTWORK, PIPING, & EQUIPMENT)
- NEW DUCTWORK/PIPING
- NEW EQUIPMENT

NOTE:
KEYED NOTES ARE USED TWO WAYS. PER PROJECT AND PER PLAN.

LEGENDS INDICATED AS "KEYED NOTES PER PROJECT" REFERENCE A COMMON, OVERALL PROJECT KEYED NOTE LIST. THEREFORE, KEYED NOTES MAY NOT APPEAR IN SEQUENTIAL ORDER. DISCIPLINE SPECIFIC DESIGNATIONS HAVE BEEN ADDED FOR CLARITY.

KEYED NOTES LEGENDS INDICATED AS "KEYED NOTES PER SHEET" ARE SPECIFIC PER SHEET AND ARE NUMBERED ACCORDINGLY.

HVAC SHEET INDEX

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M500	MLSP PARK HEADQUARTERS PLANS – HVAC
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M522	MLSP SHOP SCHEDULES AND DETAILS – HVAC
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ELECTRICAL SYMBOLS AND ANNOTATIONS:

(ALL SYMBOLS, DESIGNATIONS, ANNOTATIONS & ABBREVIATIONS SHOWN MAY NOT APPEAR ON DRAWINGS)

FIRE ALARM

FIRE ALARM DEVICE NOTATIONS

NOTIFICATION DEVICE

INDICATES CANDELA INTENSITY

SHADED SYMBOL INDICATES EXISTING DEVICE

NOTIFICATION DEVICES

- HORN - WALL MOUNTED
- HORN WITH STROBE - WALL MOUNTED
- MINI HORN - WALL MOUNTED
- MINI HORN WITH STROBE - WALL MOUNTED
- SPEAKER - WALL MOUNTED
- SPEAKER WITH STROBE - WALL MOUNTED
- STROBE - WALL MOUNTED
- BELL - WALL MOUNTED
- BELL WITH STROBE - WALL MOUNTED
- BUZZER - WALL MOUNTED
- BUZZER WITH STROBE - WALL MOUNTED
- CEILING MOUNTED HORN/STROBE
- CEILING MOUNTED HORN
- CEILING MOUNTED STROBE
- CEILING MOUNTED SPEAKER/STROBE
- CEILING MOUNTED SPEAKER
- SUPERVISED HORN LOUDSPEAKER

DETECTORS AND SENSORS

- GAS DETECTOR - WALL MOUNTED
- SMOKE DETECTOR
- SMOKE DETECTOR FOR ELEVATOR RECALL
- CARBON MONOXIDE DETECTOR
- HEAT DETECTOR
- FIXED TEMP HEAT DETECTOR. (#) INDICATES TEMP RATING
- DUCT SMOKE DETECTOR
- FLAME DETECTOR
- LINEAR HEAT DETECTOR
- GAS DETECTOR
- COMBINATION SMOKE & CO2 DETECTOR
- HYDROGEN DETECTOR

ACTIVATION DEVICES

- PULL STATION

MONITORED DEVICES

- MASTER KEY BOX
- KEY REPOSITORY
- PRESSURE SWITCH
- SMOKE DAMPER
- SPRINKLER FLOW SWITCH
- SPRINKLER TAMPER SWITCH
- CONTROL MODULE
- DOOR HOLDER
- DOOR CLOSER
- FAN SHUTDOWN RELAY
- MONITOR MODULE
- REMOTE STATION FOR DUCT MOUNTED SMOKE DETECTOR

PANELS AND INTERFACES

- FACP — FIRE ALARM CONTROL PANEL
- FAAP — FIRE ALARM ANNUNCIATOR PANEL
- NAC — FIRE ALARM NOTIFICATION APPLIANCE CIRCUIT
- FSS — FIRE SUPPRESSION SYSTEM
- RTS/I — REMOTE TEST SWITCH WITH INDICATOR
- VESDA — VESDA PANEL
- FIREFIGHTER PHONE HANDSET
- FIREFIGHTER TELEPHONE JACK

SYSTEMS

SYSTEMS NOTATIONS

DATA (4) — INDICATES NUMBER OF DATA PORTS AND CABLES (IF NONE SHOWN, BOX, CONDUIT, PULL STRING TO BE ROUGHED-IN)

VOICE (2) — INDICATES NUMBER OF VOICE PORTS AND CABLES (IF NONE SHOWN, BOX, CONDUIT, PULL STRING TO BE ROUGHED-IN)

DATA AND VOICE (3,1) — INDICATES NUMBER OF VOICE PORTS AND CABLES; INDICATES NUMBER OF DATA PORTS AND CABLES

RAISED DATA - MOUNTED AT 46" TO CENTER OF DEVICE AFF UNLESS A SPECIFIC ELEVATION NOTED ON PLAN ADJACENT TO SYMBOL.

DATA AND VOICE DEVICES

ALL DEVICES WALL MOUNTED AT 18" AFF TO CENTER OF DEVICE UNLESS NOTED OTHERWISE

- WAP — WIRELESS ACCESS POINT - WALL MOUNTED
- WAP — WIRELESS ACCESS POINT - CEILING MOUNTED
- TV — TV OUTLET BOX - WALL MOUNTED
- D — DICTATION COMMUNICATION OUTLET

DATA EQUIPMENT

- DATA RACK - FLOOR MOUNTED/FREE STANDING
- CLOCK - WALL MOUNTED
- CLOCK - CEILING MOUNTED

SECURITY AND ACCESS CONTROLS

- CAMERA - FIXED POSITION - WALL MOUNTED
- CAMERA - FIXED POSITION - CEILING MOUNTED
- CAMERA - PAN/TILT/ZOOM - CEILING MOUNTED
- SECURITY VIDEO DISPLAY/MONITOR
- SECURITY VIDEO DISPLAY/MONITOR
- CARD READER
- KEYPAD
- VIDEO PHONE DEVICE
- REMOTE DOOR RELEASE BUTTON
- ELECTRIC DOOR STRIKE
- DOOR CONTACT
- ELECTRIC LOCK
- MAGNETIC LOCK
- MOTION DETECTOR - WALL MOUNTED
- MOTION DETECTOR - CEILING MOUNTED
- REQUEST TO EXIT - WALL MOUNTED
- REQUEST TO EXIT - PUSHBUTTON
- REQUEST TO EXIT - CEILING MOUNTED
- ACP — ACCESS CONTROL PANEL

PAGING AND PUBLIC ADDRESS

- VOLUME CONTROL
- MICROPHONE - WALL MOUNTED
- MICROPHONE - CEILING MOUNTED
- PAGING SPEAKER - WALL MOUNTED
- SPEAKER - CEILING MOUNTED
- SPEAKER - WALL MOUNTED
- DIGITAL COMMUNICATION STATION
- PA — PAGING AMPLIFIER

RADIO AND CELLULAR PHONE

- ANTENNA - WALL MOUNTED
- ANTENNA - CEILING MOUNTED
- MOBILE/CELLULAR NETWORK REPEATER
- RADIO REPEATER

NURSE CALL DEVICES

- NURSE CALL DEVICE
- NURSE STATION
- HELP CALL SWITCH - PULL SWITCH/STRING
- NURSE CALL LIGHT - WALL MOUNTED
- NURSE CALL LIGHT - CEILING MOUNTED

CABLE TRAY

- WIRE BASKET TRAY
- LADDER TRAY

LIGHTING FIXTURES

FIXTURE NOTATIONS

- LIGHT FIXTURE
- A, L-1A-13, c — SWITCH SYSTEM DESIGNATION. BLANK INDICATES PORTION SWITCHED FROM LOCAL SWITCH OR OCCUPANCY SENSOR
- CIRCUIT DESIGNATION (SEE SCHEDULE)
- PANEL DESIGNATION (SEE SCHEDULE)
- FIXTURE DESIGNATION (SEE SCHEDULE)
- SHADING INDICATES FIXTURE IS WIRED TO EMERGENCY LIGHTING CIRCUIT
- HATCHING INDICATES FIXTURE IS WIRED TO CRITICAL LIGHTING CIRCUIT
- HORIZONTAL LINE INDICATES LENS ORIENTATION
- SOLID FILLED CIRCLE INDICATES PENDANT FIXTURE
- EXIT SIGN NOTATION - PROVIDE NUMBER OF FACES AND ARROWS AS INDICATED ON PLAN AND SCHEDULE
- INDICATES DIRECTIONAL ARROWS
- SHADING INDICATES FACE — ONE SIDE SHADED INDICATES SINGLE FACE SIGN; TWO SIDES SHADED INDICATES DOUBLE FACE SIGN
- INDICATES EGRESS LIGHT HEADS

FIXTURE TYPES

- 2x2 LIGHT FIXTURE - RECESSED
- 2x4 LIGHT FIXTURE - RECESSED
- LINEAR LIGHT FIXTURE - RECESSED
- 2x2 LIGHT FIXTURE - SURFACE
- 2x4 LIGHT FIXTURE - SURFACE
- LINEAR LIGHT FIXTURE - SURFACE
- LINEAR LIGHT FIXTURE - PENDANT
- LINEAR LIGHT FIXTURE - WALL MOUNTED
- SCONCE FIXTURE - WALL MOUNTED
- CYLINDRICAL PENDANT FIXTURE
- DOWNLIGHT FIXTURE - RECESSED
- DOWNLIGHT FIXTURE - SURFACE
- DIRECTIONAL DOWNLIGHT FIXTURE - RECESSED DIRECTIONAL ARROW SHOWN ON PLAN
- FLOODLIGHT FIXTURE
- REMOTE HEAD FIXTURE
- EMERGENCY LIGHT FIXTURE - WALL MOUNTED
- EMERGENCY LIGHT FIXTURE - CEILING MOUNTED
- POLE MOUNTE LIGHT FIXTURE - NUMBER OF HEADS AND ORIENTIAON SHOWN ON PLAN
- BOLLARD LIGHT FIXTURE
- EXIT SIGN - CEILING MOUNTED
- EXIT SIGN - WALL MOUNTED
- EXIT SIGN - PENDANT

LIGHTING CONTROLS

CONTROLS NOTATIONS

- SWITCH
- 3 b — SWITCH SYSTEM DESIGNATION; SWITCH TYPE: 3 - 3-WAY, 4 - 4-WAY, P - WITH PILOT LIGHT, K - KEYED, T - TIMER - SINGLE POLE (NO DESIGNATION)
- GENERIC LIGHTING CONTROL DEVICE
- WC1 — DESIGNATION - REFER TO SCHEDULE

CONTROL TYPES

- SWITCH
- DIMMER SWITCH
- LIGHTING CONTROL DEVICE
- OCCUPANCY SENSOR - WALL MOUNTED
- DAYLIGHT SENSOR - WALL MOUNTED
- PHOTO CELL SENSOR - WALL MOUNTED
- DIGITAL TOUCHPAD LIGHTING CONTROL
- TIME CLOCK
- OCCUPANCY SENSOR - CEILING MOUNTED
- DAYLIGHT SENSOR - CEILING MOUNTED
- PHOTO CELL SENSOR - CEILING MOUNTED
- LCP — LIGHTING CONTROL PANEL
- LIGHTING CONTROL RELAY

POWER

RECEPTACLE NOTATIONS

- H-2A-9 — RECEPTACLE; CIRCUIT DESIGNATION; PANEL DESIGNATION (IF NONE SHOWN, REFER TO PLAN FOR PANEL BOUNDARIES); RECEPTACLE TYPE OR EQUIPMENT SERVED
- A - ARC FAULT INTERRUPTING, TAMPER RESISTANT
- AG - ARC FAULT INTERRUPTING, GFCI, TAMPER RESISTANT
- AP - TAMPER RESISTANT, ARC FAULT PROTECTION @ BREAKER
- CP - COPIER
- DISP - SINK DISPOSAL UNIT
- EWC - ELECTRIC WATER COOLER, GFCI @ AT CIRCUIT BREAKER
- GFB - PROTECTED BY GROUND FAULT BREAKER
- GFI - GROUND FAULT INTERRUPTOR
- GT - GFCI TAMPER RESISTANT
- GW - GFCI, WEATHER RESISTANT, IN-USE COVER
- GWT - GFCI, WEATHER RESISTANT, TAMPER RESISTANT, IN-USE COVER
- MCRV - MICROWAVE
- RFG - REFRIGERATOR, GFCI PROTECTION @ CIRCUIT BREAKER
- RTU - FACTORY MOUNTED IN ROOFTOP AC UNIT
- SS - SURGE SUPPRESSION
- T - TAMPER RESISTANT
- UC - UNDER CABINET
- UT - RECEPTACLE WITH USB CHARGING PORTS
- USB - TAMPER RESISTANT, USB CHARGING PORTS
- WR - WEATHER RESISTANT
- WRC - WEATHER RESISTANT, IN-USE COVER
- WT - WEATHER RESISTANT, TAMPER RESISTANT, IN-USE COVER
- HORIZONTAL LINE INDICATES COUNTERTOP RECEPTACLE - WALL MOUNTED AT 6" ABOVE COUNTERTOP OR COUNTER BACKSPLASH TO CENTER OF DEVICE. SEE PLANS FOR OUTLET TYPE
- 96" — DIAGONAL LINE INDICATES ELEVATED RECEPTACLE - MOUNTED AT 46" TO CENTER OF DEVICE AFF UNLESS A SPECIFIC ELEVATION NOTED ON PLAN ADJACENT TO SYMBOL. SEE PLANS FOR OUTLET TYPE

POWER CONNECTION TYPES

ALL RECEPTACLES WALL MOUNTED AT 18" AFF TO CENTER OF DEVICE UNLESS NOTED OTHERWISE

- DUPLEX RECEPTACLE
- EMERGENCY CIRCUIT DUPLEX RECEPTACLE
- ISOLATED GROUND DUPLEX RECEPTACLE
- SPLIT WIRED DUPLEX RECEPTACLE
- DOUBLE DUPLEX RECEPTACLE
- EMERGENCY CIRCUIT DOUBLE DUPLEX RECEPTACLE
- ISOLATED GROUND DOUBLE DUPLEX RECEPTACLE
- SPLIT WIRED DOUBLE DUPLEX RECEPTACLE
- SIMPLEX RECEPTACLE
- DUPLEX RECEPTACLE - CEILING MOUNTED
- DOUBLE DUPLEX RECEPTACLE - CEILING MOUNTED
- SIMPLEX RECEPTACLE - CEILING MOUNTED
- CORD REEL/DROP
- PROJECTOR OUTLET - INCLUDES DATA AND POWER WIRE(S)/CABLE(S)
- SURFACE RACEWAY
- FLOOR BOX
- F-1 — DESIGNATION - SEE SCHEDULE
- POKE THRU
- PT-1 — DESIGNATION - SEE SCHEDULE
- CEILING FAN
- POWER POLE
- PP-1 — DESIGNATION - SEE SCHEDULE
- JUNCTION BOX - CEILING MOUNTED
- JUNCTION BOX - WALL MOUNTED
- 44" — MOUNTING HEIGHT AFF TO CENTER OF DEVICE
- EMERGENCY STOP PUSHBUTTON
- PUSHBUTTON SWITCH - START/STOP
- PUSHBUTTON DOOR OPENER

EQUIPMENT

POWER DISTRIBUTION

- PANEL - SURFACE MOUNTED
- PANEL - RECESSED
- SWITCHBOARD
- SWITCHGEAR
- TRANSFORMER
- METER
- CT — UTILITY CT METER CABINET - WALL MOUNTED
- CT — UTILITY CT METER CABINET - PAD MOUNTED
- UTILITY TRANSFORMER - PAD MOUNTED
- UTILITY SERVICE POWER POLE

OTHER EQUIPMENT

- GENERATOR
- GSCP — GENERATOR SET CONTROL PANEL
- ATS1 — TRANSFER SWITCH; DESIGNATION - REFER TO SCHEDULE
- UPS1 — UNINTERRUPTIBLE POWER SUPPLY; DESIGNATION - REFER TO SCHEDULE
- BUS DUCT - LENGTH NOTED ON PLAN
- WIREWAY / GUTTER - REFER TO PLAN
- VFD — VARIABLE FREQUENCY DRIVE
- EQUIPMENT/MOTOR STARTER
- NON-FUSED DISCONNECT SWITCH
- FUSED DISCONNECT SWITCH
- EQUIPMENT CONNECTION
- FR-32 — DESIGNATION - REFER TO SCHEDULE
- M — MOTOR CONNECTION
- RF-2 — DESIGNATION - REFER TO SCHEDULE
- GROUND BAR - STAND-OFF INSULATORS

GENERIC SYMBOLS AND ANNOTATIONS

- 1 — KEYED NOTE - DEMOLITION
- 1 — KEYED NOTE - NEW WORK
- BREAK LINE

ABBREVIATION LIST

(E)	DENOTES EXISTING EQUIPMENT	GND	GROUND	PRI	PRIMARY
(ETR)	DENOTES EXISTING EQUIPMENT TO REMAIN	GYP BD	GYPSUM BOARD	PT	POTENTIAL TRANSFORMER
		HOA	HANDS-OFF-AUTOMATIC SWITCH	PVC	POLYVINYL CHLORIDE (CONDUIT)
1P	1 POLE (2P, 3P, 4P, ETC.)	HP	HORSEPOWER	PWR	POWER
A	AMPERE	HT	HEIGHT	QTY	QUANTITY
AF	AMP FRAME	HTG	HEATING	REQD	REQUIRED
AFF	ABOVE FINISHED FLOOR	HV	HIGH VOLTAGE	RM	ROOM
AFG	ABOVE FINISHED GRADE	HVAC	HEATING, VENTILATING AND AIR CONDITIONING	SEC	SECONDARY
AFI	ARC FAULT CIRCUIT INTERRUPTER	IC	INTERRUPTING CAPACITY	SHT	SHEET
AL	ALUMINUM	IG	ISOLATED GROUND	SIM	SIMILAR
ALT	ALTERNATE	J-BOX	JUNCTION BOX	SPEC	SPECIFICATION
AMP	AMPERE	KV	KILOVOLT	SP	SPARE
APPROX	APPROXIMATELY	KVA	KILOVOLT-AMPERE	SS	STAINLESS STEEL
ARCH	ARCHITECT, ARCHITECTURAL	KVAR	KILOVOLT-AMPERE REACTIVE	STA	STATION
ATS	AUTOMATIC TRANSFER SWITCH	KW	KILOWATT	STD	STANDARD
AUTO	AUTOMATIC	KWH	KILOWATT HOUR	SURF	SURFACE MOUNTED
AUX	AUXILIARY	LCP	LIGHTING CONTROL PANEL	SWBD	SWITCHBOARD
AV	AUDIO VISUAL	LTG	LIGHTING	SYM	SYMMETRICAL
AWG	AMERICAN WIRE GAUGE	LV	LOW VOLTAGE	SYS	SYSTEM
BLDG	BUILDING	MAX	MAXIMUM	TELE	TELEPHONE
BAS	BUILDING AUTOMATION SYSTEM	MC	MECHANICAL CONTRACTOR	TEMP	TEMPERATURE
		MCB	MAIN CIRCUIT BREAKER	TR	TWIST LOCK RESISTANT
C	CONDUIT	MCC	MOTOR CONTROL CENTER	T-STAT	THERMOSTAT
CAB	CABINET	MDP	MAIN DISTRIBUTION PANEL	TV	TELEVISION
CATV	CABLE TELEVISION	MFR	MANUFACTURER	TYP	TYPICAL
CB	CIRCUIT BREAKER	MFS	MAIN FUSED DISCONNECT SWITCH	UC	UNDER COUNTER
CCTV	CLOSED CIRCUIT TELEVISION	MIN	MINIMUM	UE	UNDERGROUND ELECTRICAL
CKT	CIRCUIT	MISC	MISCELLANEOUS	UG	UNDERGROUND
CLG	CEILING	MLO	MAIN LUGS ONLY	V	VOLT
COMB	COMBINATION	MSBD	MAIN SWITCHBOARD	VA	VOLT-AMPERES
CONT	CONTINUATION/CONTINUOUS	MTS	MANUAL TRANSFER SWITCH	VERT	VERTICAL
CP	CIRCULATING PUMP	MV	MEDIUM VOLTAGE	VFD	VARIABLE FREQUENCY DRIVE
CRI	COLOR RENDERING INDEX	N.C.	NORMALLY CLOSED	W	WATT
CT	CURRENT TRANSFORMER	NEC	NATIONAL ELECTRICAL CODE	W/	WITH
CU	COPPER	NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION	W/G	WIRE GUARD
DIA	DIAMETER			W/O	WITHOUT
DISC	DISCONNECT			WP	WEATHERPROOF
DIST	DISTRIBUTION			WR	WEATHER RESISTANT
DT	DOUBLE THROW			XFMR	TRANSFORMER
EC	ELECTRICAL CONTRACTOR			XFR	TRANSFER
ELEC	ELECTRIC, ELECTRICAL	NIC	NOT IN CONTRACT	<	ANGLE
EM	EMERGENCY	NL	NIGHT LIGHT	@	AT
EMS	ENERGY MANAGEMENT SYSTEM	N.O.	NORMALLY OPEN	'	FEET
EQUIP	EQUIPMENT	NTS	NOT TO SCALE	"	INCHES
EXIST	EXISTING	OH	OVERHEAD	#	NUMBER
FACP	FIRE ALARM CONTROL PANEL	PF	POWER FACTOR	Ø	PHASE OR DIAMETER
		PH	PHASE	C	CENTER LINE
GA	GAUGE	PNL	PANEL		
GC	GENERAL CONTRACTOR	PP	POWER POLE		
GEN	GENERATOR	PR	PAIR		
GFI	GROUND FAULT CIRCUIT INTERRUPTER				

NOTE:
KEYED NOTES ARE USED TWO WAYS. PER PROJECT AND PER PLAN.

LEGENDS INDICATED AS "KEYED NOTES PER PROJECT" REFERENCE A COMMON, OVERALL PROJECT KEYED NOTE LIST. THERFORE, KEYED NOTES MAY NOT APPEAR IN SEQUENTIAL ORDER. DISCIPLINE SPECIFIC DESGINATIONS HAVE BEEN ADDED FOR CLARITY.

KEYED NOTES LEGENDS INDICATED AS "KEYED NOTES PER SHEET" ARE SPECIFIC PER SHEET AND ARE NUMBERED ACCORDINGLY.

GENERAL NOTES

1. THESE PLANS ARE SCHEMATIC AND DO NOT SHOW THE EXACT LOCATIONS OF EQUIPMENT OR FIXTURES, CONDUIT ROUTING, ETC. THE CONTRACTOR MUST REFER TO ARCHITECTURAL AND MECHANICAL PLANS, DETAILS, AND SPECS TO OBTAIN COMPLETE INFORMATION.
2. PROVIDE LABOR, MATERIALS, EQUIPMENT, AND INCIDENTALS REQUIRED FOR COMPLETE AND FUNCTIONING SYSTEMS, FULLY TESTED AND READY FOR USE.
3. ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CITY, COUNTY, STATE, AND WITH REGULATIONS AND REQUIREMENTS OF ALL LOCAL AND NATIONAL CODES AS THEY MAY APPLY TO THE PROJECT AND PUBLIC SAFETY.
4. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT NEC CLEARANCES AROUND AND ABOVE ELECTRICAL EQUIPMENT ARE MAINTAINED. REFER TO NEC 110-26 FOR SPECIFIC INFORMATION.
5. VERIFY ANY AND ALL CONFIGURATIONS, DIMENSIONS AND ELEVATIONS BY FIELD MEASUREMENTS AND COORDINATE WITH ARCHITECTURAL DRAWINGS AND STRUCTURAL CONDITIONS.
6. ALL CONDUCTORS OPERATING AT 50 VOLTS OR GREATER SHALL BE IN ELECTRICAL METAL TUBING (EMT) AT A MINIMUM. ALL RACEWAY WITHIN THE STRUCTURE ABOVE THE FLOOR SLAB SHALL BE METAL. RACEWAY BELOW THE FLOOR SLAB AND UNDERGROUND RACEWAY OUTSIDE THE STRUCTURE SHALL BE PVC AT A MINIMUM. CONDUIT LEAVING THE SLAB SHALL TRANSITION TO RIGID METAL CONDUIT (RMC) PRIOR TO EXITING THE SLAB.
7. THE CONTRACTOR MAY INSTALL UP TO THREE (3) CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON TWIN INSULATION, 40°C AMBIENT WITH DERATINGS FOR TEMPERATURE AND UP TO THREE (3) CURRENT CARRYING CONDUCTORS IN A CONDUIT. CONTACT THE ENGINEER FOR WIRING IN OTHER CONDITIONS.
8. CONDUCTORS WITHIN UNINSULATED CEILING SPACES AND OUTDOORS MUST BE DERATED BASED UPON THE AMBIENT TEMPERATURE. THE CONTRACTOR IS RESPONSIBLE FOR REVISING CONDUCTOR SIZE IF ACTUAL CONDUIT ROUTING DIFFERS FROM THE CONSTRUCTION DOCUMENTS.
9. EXACT TYPE OF MECHANICAL DEVICES AND EQUIPMENT LOCATIONS SHALL BE COORDINATED WITH MECHANICAL CONTRACTOR(S).
10. ALL MATERIALS, EQUIPMENT, AND APPARATUS INSTALLED ON THE PROJECT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS AND THE MANUFACTURER. IN THE CASE OF EXCEPTIONS, THE MANUFACTURER'S AUTHORIZED REPRESENTATIVE SHALL CERTIFY IN WRITING TO THE OWNER'S REPRESENTATIVE, THAT THE INSTALLATION HAS BEEN MADE IN ACCORDANCE WITH SUCH PRINTED INSTRUCTIONS AND REQUIREMENTS.
11. MODEL NUMBERS INDICATED ON THE DRAWINGS ARE ONLY FOR REFERENCE AND CONVENIENCE. CONFIRM THE ACCURACY OF ALL MODEL NUMBERS SO AS TO MEET THE SPECIFIC PROJECT REQUIREMENTS AND MINIMUM INDICATED PERFORMANCE DATA. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT EQUIPMENT FITS WITHIN THE SPACE ALLOTTED.
12. COORDINATE AND VERIFY LOCATIONS, ROUGH-IN REQUIREMENTS AND INSTALLATION REQUIREMENTS OF EQUIPMENT FURNISHED BY THE OWNER.

ELECTRICAL SHEET INDEX

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E201	DLSP CONCESSIONS BUILDING NEW WORK PLANS – ELECTRICAL
E202	DLSP CONCESSIONS BUILDING ONE-LINE AND SCHEDULES - ELECTRICAL
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SAUK, COLUMBIA, & JUNEAU COUNTIES

CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

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SYMBOLS, ABBREVIATIONS & DETAILS - ELECTRICAL

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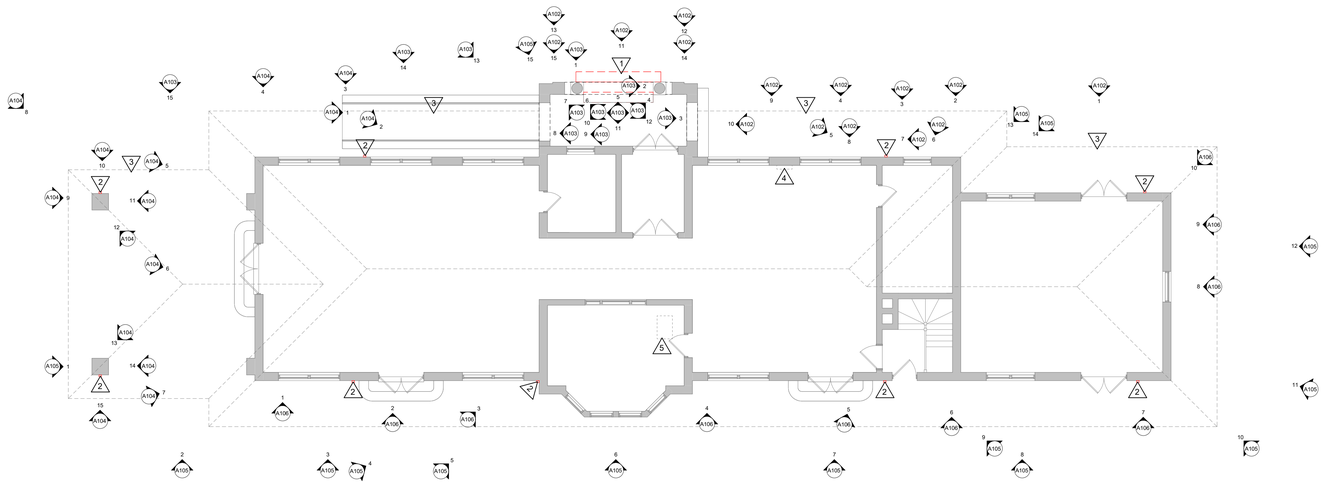


1 DEMOLITION PLAN

1/8" = 1'-0"

DEMOLITION GENERAL NOTES - 400ST REEDSBURG DEPOT:

A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.

B. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.

C. MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING.

D. ROOM NUMBERS ARE SHOWN ON THIS PLAN FOR INFORMATIONAL AND COORDINATION PURPOSES ONLY.

E. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.

DEMOLITION PLAN LEGEND - 400ST REEDSBURG DEPOT:

△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

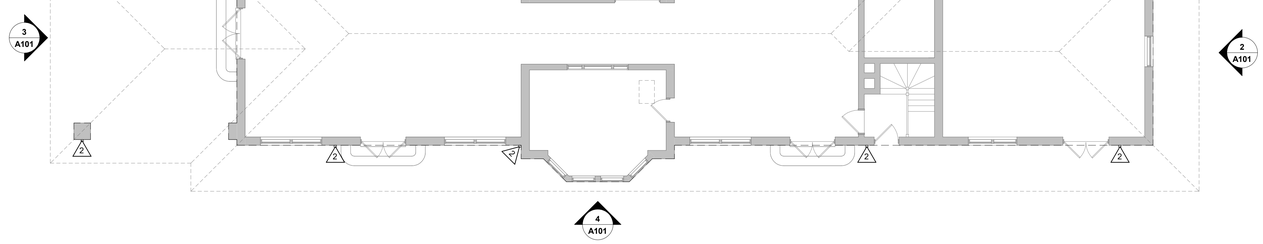
— — — REMOVE ITEMS NOTED WITH DASHED LINES

DEMOLITION KEY NOTES - 400ST REEDSBURG DEPOT

1	SAW CUT AND REMOVE EXISTING CONCRETE STEPS AND HANDRAIL.
2	REMOVE EXISTING METAL DOWNSPOUT/LEADER. EXISTING RED PAINTED LEADER THAT CONNECTS TO UNDERGROUND PIPING TO REMAIN.
3	DIVISION 26 CONTRACTOR TO DISCONNECT AND REMOVE COMPLETE EXISTING HEAT CABLE SYSTEM. MAINTAIN ANY PENETRATIONS (SEE SITE PHOTOS 9A102 AND 10A102) FOR RE-USE. SEE ROOF PLAN AND SITE PHOTOS.
4	EXISTING ELECTRICAL PANEL LOCATED IN THE BASEMENT FOR HEAT CABLE - VERIFY IN FIELD.
5	EXISTING ATTIC ACCESS TO REMAIN AS IS.

LEAD-BASED PAINT NOTE - 400ST REEDSBURG DEPOT:

THE STATE, UNDER SEPARATE CONTRACT, WILL PROVIDE CONTAINERS FOR LEAD-BASED PAINT DEBRIS (PAINT CHIPS) CREATED BY RENOVATION AND WILL DISPOSE OF CONTAINERS AT PROJECT COMPLETION. GPC SHALL COORDINATE DELIVERY AND COLLECTION OF CONTAINERS USING THE STATES HAZARDOUS WASTE SERVICE. REFER TO DIVISION 1 GENERAL REQUIREMENTS, ARTICLE 32. REFER TO DIVISION 1 GENERAL REQUIREMENTS, ARTICLE 5 FOR REGULATORY REQUIREMENTS, MATERIAL SAMPLE RESULTS, AND CONTRACTOR RESPONSIBILITIES.



2 REMODEL PLAN

1/8" = 1'-0"

REMODEL GENERAL NOTES - 400ST REEDSBURG DEPOT:

A. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.

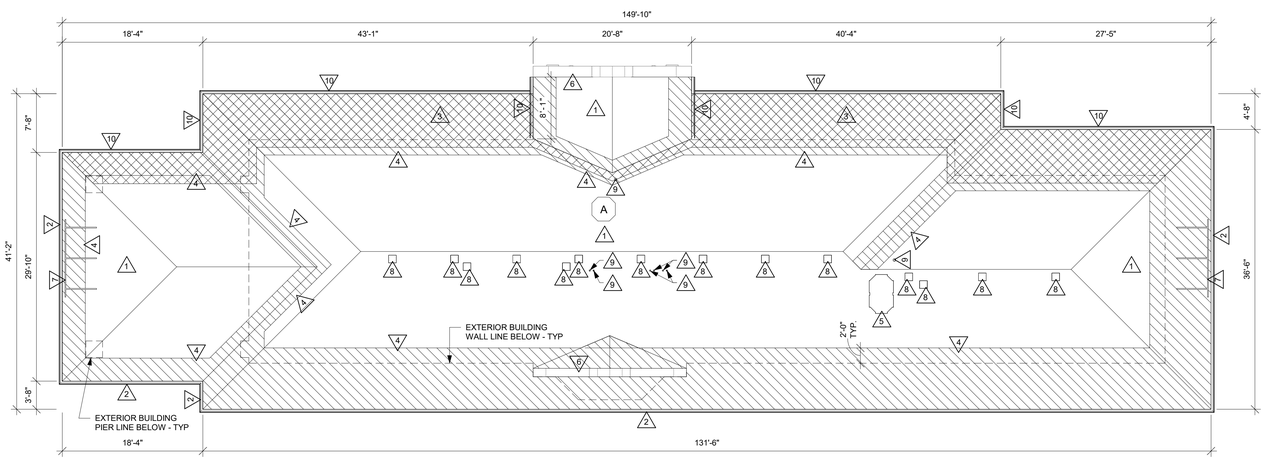
B. ROOFING CONTRACTOR TO VERIFY THAT ALL INTAKE VENTS AND RAFTER CAVITIES ARE FREE OF LOOSE INSULATION THAT WOULD BLOCK AIR FLOW.

REMODEL LEGEND - 400ST REEDSBURG DEPOT:

△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMODEL KEY NOTES - 400ST REEDSBURG DEPOT

1	INSTALL NEW CONCRETE STEPS AND RAILING - SEE SECTION 5A101.
2	PROVIDE NEW METAL DOWNSPOUT/LEADER - MATCH PREVIOUS LOCATION AND LAYOUT. EXISTING RED RAIN LEADER THAT CONNECTS TO UNDERGROUND PIPING TO REMAIN - SCRAPE, PATCH, PRIME AND PAINT.
3	DIVISION 26 CONTRACTOR TO PROVIDE RAYCHEM #GM-2XT SERIES (BASIS OF DESIGN - OR EQUAL) SELF-REGULATING ROOF/GUTTER DE-ICING CABLES/SYSTEM AS SHOWN ON ARCHITECTURAL PLANS. PROVIDE CABLE/SYSTEM CONNECTION KITS AS REQUIRED. PROVIDE A 240 VOLT CONNECTION TO EACH/ALL CABLES/SYSTEM, AND FEED FROM EXISTING ELECTRICAL PANEL "BASEMENT PANEL" WITH NEW 2-POLE GFI (AS RECOMMENDED) BREAKERS AS REQUIRED. FIELD VERIFY ALL REQUIREMENTS AND COORDINATE ANY/ALL SYSTEM REQUIREMENTS WITH MANUFACTURER. PATCH/SEAL ANY AND ALL EXISTING/NEW PENETRATIONS AS REQUIRED. SEE DETAILS 11-15A106.
4	PROVIDE NEW METAL DOWNSPOUT/LEADER - MATCH PREVIOUS LOCATION AND LAYOUT. EXISTING RED RAIN LEADER THAT CONNECTS TO UNDERGROUND PIPING TO REMAIN - SCRAPE, PATCH, PRIME AND PAINT. PROVIDE HEAT CABLE IN DOWNSPOUTS - SEE DETAILS 11-15A106.



3 ROOF PLAN

1/8" = 1'-0"

ROOF GENERAL NOTES - 400ST REEDSBURG DEPOT:

A. VERIFY ROOF EQUIPMENT AND PENETRATIONS WITH ALL TRADES. EQUIPMENT SHOWN IS GRAPHIC ONLY.

B. ROOF PENETRATIONS FOR VENTS, MECHANICAL EQUIPMENT, ETC. SHALL BE COMPLETED AS PER CURRENT SMACNA REQUIREMENTS AND THE ROOF MANUFACTURERS APPROVED DETAILS FOR WARRANTY SATISFACTION. COORDINATE QUANTITY AND LOCATIONS.

C. ALL METAL FLASHING, SHALL MEET CURRENT SMACNA REQUIREMENTS AND MANUFACTURER'S SPECIFIED WARRANTY.

D. ROOFING CONTRACTOR TO VERIFY THAT ALL INTAKE VENTS AND RAFTER CAVITIES ARE FREE OF LOOSE INSULATION THAT WOULD BLOCK AIR FLOW.

ROOF SYSTEM DESCRIPTIONS - 400ST REEDSBURG DEPOT:

A NEW ASPHALT SHINGLES OVER NEW UNDERLAYMENT OVER EXISTING SHEATHING ON EXISTING WOOD TRUSSES/RAFTERS.

ROOF KEY NOTES - 400ST REEDSBURG DEPOT

1	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAILS 6 & 10A101.
2	REMOVE EXISTING METAL GUTTER SYSTEM. PROVIDE NEW METAL GUTTER SYSTEM.
3	AT CROSS HATCHED AREA, DIVISION 26 CONTRACTOR TO DISCONNECT AND REMOVE COMPLETE EXISTING HEAT CABLE SYSTEM. MAINTAIN ANY PENETRATIONS (SEE SITE PHOTOS 9A102 AND 11A102) FOR RE-USE. DIVISION 26 CONTRACTOR TO PROVIDE RAYCHEM #GM-2XT SERIES (BASIS OF DESIGN - OR EQUAL) SELF-REGULATING ROOF/GUTTER DE-ICING CABLES/SYSTEM AS SHOWN ON ARCHITECTURAL PLANS. PROVIDE CABLE/SYSTEM CONNECTION KITS AS REQUIRED. PROVIDE A 240 VOLT CONNECTION TO EACH/ALL CABLES/SYSTEM, AND FEED FROM EXISTING ELECTRICAL PANEL "BASEMENT PANEL" WITH NEW 2-POLE GFI (AS RECOMMENDED) BREAKERS AS REQUIRED. FIELD VERIFY ALL REQUIREMENTS AND COORDINATE ANY/ALL SYSTEM REQUIREMENTS WITH MANUFACTURER. PATCH/SEAL ANY AND ALL EXISTING/NEW PENETRATIONS AS REQUIRED. SEE DETAILS 11-15A106.
4	AT DIAGONAL HATCHED AREA, PROVIDE ICE AND WATER PROTECTION MEMBRANE - OVERLAP WITH HEAT CABLE ON NORTH SIDE OF BUILDING.
5	EXISTING BRICK AND STONE CHIMNEY TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 8A101.
6	EXISTING BRICK AND STONE PARAPET TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 8A101.
7	REMOVE EXISTING ROOF MOUNTED SIGN, SALVAGE AND REINSTALL AFTER NEW ROOF IS INSTALLED. SEE DETAIL 11A101.
8	EXISTING ROOF VENT TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 7A101.
9	EXISTING PIPE PENETRATION TO REMAIN. REMOVE EXISTING FLASHING AND PROVIDE NEW. SEE DETAIL 9A101.
10	REMOVE EXISTING METAL GUTTER SYSTEM. PROVIDE NEW METAL GUTTER SYSTEM. PROVIDE HEAT CABLE IN GUTTER AND DOWNSPOUT - SEE DETAILS 11-15A106.

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
400ST REEDSBURG DEPOT PLANS

Revisions:

No.	Date:	Description:

Graphic Scale	0' 2' 4' 8' 12'
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A100

ELEVATION GENERAL NOTES - 400ST REEDSBURG DEPOT:

A. EXISTING BRICK COURSING: RUNNING BOND TYPICAL.

B. SEE SPECIFICATION FOR MATERIAL TYPE.

C. ALL GROUT TO BE HISTORICALLY MATCHED TO EXISTING.

ELEVATION LEGEND - 400ST REEDSBURG DEPOT:

1 KEYNOTE TAG

EXISTING BRICK VENNER

EXISTING STONE VENEER

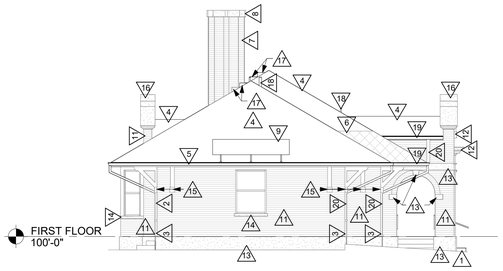
ELEVATION KEY NOTES - 400ST REEDSBURG DEPOT

1	INSTALL NEW CONCRETE STEPS ON EXISTING FOUNDATION.
2	PROVIDE NEW METAL DOWNSPOUT/LEADER - MATCH PREVIOUS LOCATION AND LAYOUT.
3	EXISTING RED RAIN LEADER THAT CONNECTS TO UNDERGROUND PIPING TO REMAIN - SCRAPE, PATCH, PRIME AND PAINT TO MATCH EXISTING.
4	PROVIDE NEW FLASHING AND NEW ASPHALT SHINGLES OVER NEW UNDERLAYMENT OVER EXISTING ROOF SHEATHING. SEE DETAILS 6 & 10A101.
5	PROVIDE NEW METAL GUTTER SYSTEM.
6	DIVISION 26 CONTRACTOR TO PROVIDE RAYCHEM #GM-2XT SERIES (BASIS OF DESIGN - OR EQUAL) SELF-REGULATING ROOF/GUTTER DE-ICING CABLES/SYSTEM AS SHOWN ON ARCHITECTURAL PLANS. PROVIDE CABLE/SYSTEM CONNECTION KITS AS REQUIRED. PROVIDE A 240 VOLT CONNECTION TO EACH ALL CABLES/SYSTEM, AND FEED FROM EXISTING ELECTRICAL PANEL "BASEMENT PANEL" WITH NEW 2-POLE GFI (AS RECOMMENDED) BREAKERS AS REQUIRED. FIELD VERIFY ALL REQUIREMENTS AND COORDINATE ANY/ALL SYSTEM REQUIREMENTS WITH MANUFACTURER. PATCH/SEAL ANY AND ALL EXISTING/NEW PENETRATIONS AS REQUIRED. SEE DETAILS 11-15A106.
7	REPOINT EXISTING BRICK CHIMNEY AND PROVIDE NEW METAL FLASHING - SEE SITE PHOTOS AND DETAIL 8A101.
8	REPOINT EXISTING CHIMNEY STONE CAP - SEE SITE PHOTOS.
9	REINSTALL SALVAGED SIGNAGE - SEE SITE PHOTOS AND DETAIL 11A101.
10	SCRAPE, PATCH, PRIME AND PAINT EXISTING ROUND WOOD WINDOW. APPLY SEALANT AROUND PERIMETER - SEE SITE PHOTOS.
11	REPOINT EXISTING BRICK VENEER - SEE SITE PHOTOS.
12	REPOINT EXISTING STONE FACADE PERIMETER AND JOINTS - SEE SITE PHOTOS.
13	REPOINT EXISTING STONE BANDING - SEE SITE PHOTOS.
14	REPOINT PERIMETER AROUND EXISTING STONE SILL - SEE SITE PHOTOS.
15	REPOINT PERIMETER AROUND EXISTING STONE CORBEL - SEE SITE PHOTOS.
16	REPOINT EXISTING STONE CAP PERIMETER AND JOINTS - SEE SITE PHOTOS.
17	EXISTING ROOF VENT TO REMAIN. PROVIDE NEW FLASHING. SEE DETAIL 7A101.
18	EXISTING PIPE PENETRATION TO REMAIN. PROVIDE NEW FLASHING. SEE DETAIL 9A101.
19	PROVIDE NEW METAL GUTTER SYSTEM. PROVIDE HEAT CABLE IN GUTTER - SEE DETAILS 11-15A106.
20	PROVIDE NEW METAL DOWNSPOUT/LEADER - MATCH PREVIOUS LOCATION AND LAYOUT. PROVIDE HEAT CABLE IN DOWNSPOUTS - SEE DETAILS 11-15A106.

1 NORTH ELEVATION

1/8" = 1'-0"

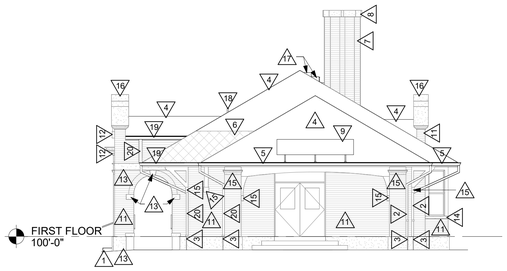
0' 2' 4' 8' 12'



2 EAST ELEVATION

1/8" = 1'-0"

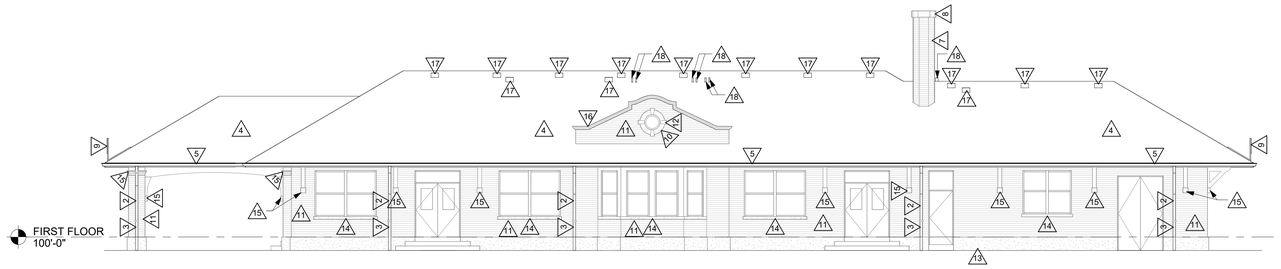
0' 2' 4' 8' 12'



3 WEST ELEVATION

1/8" = 1'-0"

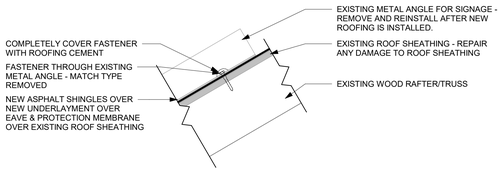
0' 2' 4' 8' 12'



4 SOUTH ELEVATION

1/8" = 1'-0"

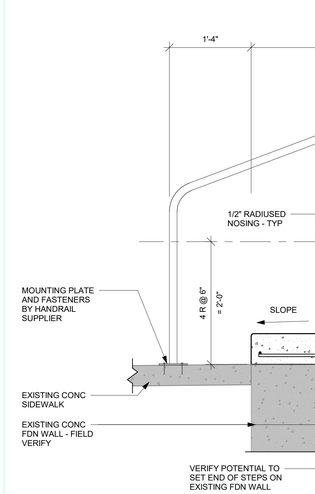
0' 2' 4' 8' 12'



11 ROOF SIGNAGE FLASHING DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

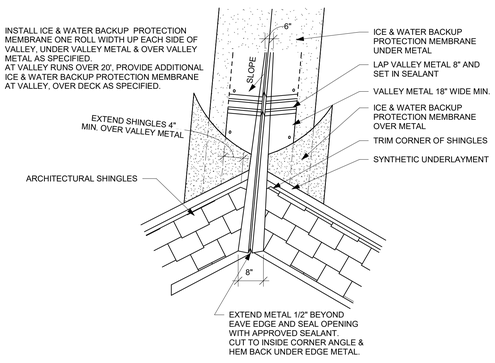


5 STAIR SECTION

1" = 1'-0"

0' 3" 6" 1' 1'-6"

NOTE:
1. INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE ONE ROLL WIDTH UP EACH SIDE OF VALLEY, UNDER VALLEY METAL & OVER VALLEY METAL AS SPECIFIED.
2. AT VALLEY RUNS OVER 20', PROVIDE ADDITIONAL ICE & WATER BACKUP PROTECTION MEMBRANE AT VALLEY, OVER DECK AS SPECIFIED.

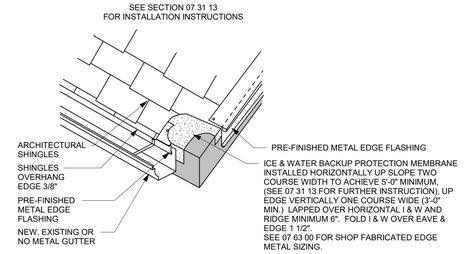


SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS

6 ROOF VALLEY DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

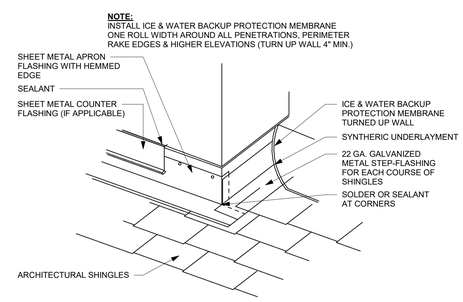


10 EAVE & RAKE FLASHING DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

NOTE:
INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE ONE ROLL WIDTH AROUND ALL PENETRATIONS, PERIMETER RAKE EDGES & HIGHER ELEVATIONS (TURN UP WALL 4" MIN.)



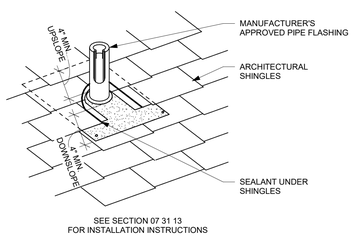
SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS

7 ROOF APRON FLASHING DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

NOTE:
INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE ONE ROLL WIDTH AROUND ALL PENETRATIONS, PERIMETER RAKE EDGES & HIGHER ELEVATIONS (TURN UP WALL 4" MIN.)



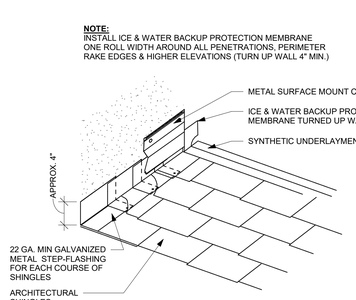
SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS

9 ROOF VENT STACK DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

NOTE:
INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE ONE ROLL WIDTH AROUND ALL PENETRATIONS, PERIMETER RAKE EDGES & HIGHER ELEVATIONS (TURN UP WALL 4" MIN.)



SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS

8 ROOF COUNTERFLASHING DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

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DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
400ST REEDSBURG DEPOT ELEVATIONS AND DETAILS

Revisions:

No.	Date:	Description:

Graphic Scale	VARIES
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A101

SITE PHOTO KEY NOTES - 400ST REEDSBURG DEPOT

1	REMOVE EXISTING METAL DOWNSPOUT/LEADER AND PROVIDE NEW METAL DOWNSPOUT/LEADER - MATCH EXISTING LOCATION AND LAYOUT.
2	EXISTING RED RAIN LEADER THAT CONNECTS TO UNDERGROUND PIPING TO REMAIN - SCRAPE, PRIME AND PAINT TO MATCH EXISTING.
3	REMOVE EXISTING METAL GUTTER SYSTEM AND PROVIDE NEW METAL GUTTER SYSTEM.
4	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAILS 6 & 10A101.
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6	REPOINT EXISTING BRICK CHIMNEY AND STONE CHIMNEY CAP. EXISTING METAL BANDING AND RODS AROUND CHIMNEY TO BE REMOVED, SCRAPED, PRIMED, PAINTED AND REINSTALLED. PROVIDE NEW METAL FLASHING. SEE DETAIL 8A101.
7	REPOINT AROUND PERIMETER OF EXISTING STONE CORBEL - TYPICAL AT ALL AROUND BUILDING.
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1 SITE PHOTO

2 SITE PHOTO

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DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
400ST REEDSBURG DEPOT SITE PHOTOS

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A102

SITE PHOTO KEY NOTES - 400ST REEDSBURG DEPOT

1	REMOVE EXISTING METAL DOWNSPOUT/LEADER AND PROVIDE NEW METAL DOWNSPOUT/LEADER - MATCH EXISTING LOCATION AND LAYOUT.
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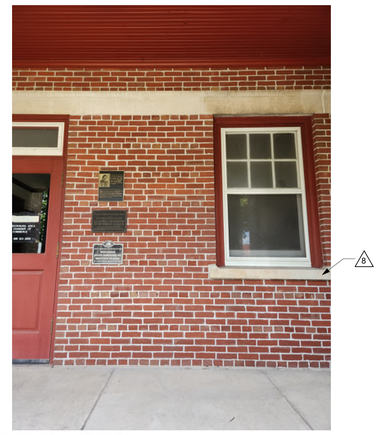

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STATEWIDE, WISCONSIN

Sheet Title:
400ST REEDSBURG DEPOT SITE PHOTOS

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A103

SITE PHOTO KEY NOTES - 400ST REEDSBURG DEPOT

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15	REMOVE EXISTING HANDRAIL - PROVIDE NEW HANDRAIL. SEE SECTION 5A101.
16	REPOINT JOINT AT EXISTING STEPS.
17	REMOVE EXISTING ROOF MOUNTED SIGN, SALVAGE AND REINSTALL AFTER NEW ROOF IS INSTALLED. SEE DETAIL 11A101.
18	PATCH EXISTING STONE BANDING TO COVER EXPOSED METAL BAR REINFORCING.
19	EXISTING PIPE PENETRATION TO REMAIN. REMOVE EXISTING FLASHING AND PROVIDE NEW. SEE DETAIL 9A101.
20	EXISTING ROOF VENT TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 7A101.
21	REMOVE EXISTING METAL DOWNSPOUT/LEADER AND PROVIDE NEW METAL DOWNSPOUT/LEADER - MATCH EXISTING LOCATION AND LAYOUT. PROVIDE HEAT CABLE IN DOWNSPOUTS - SEE DETAILS 11-15A106.
22	REMOVE EXISTING METAL GUTTER SYSTEM AND PROVIDE NEW METAL GUTTER SYSTEM. PROVIDE HEAT CABLE IN GUTTER - SEE DETAILS 11-15A106.

1 SITE PHOTO

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
400ST REEDSBURG DEPOT SITE PHOTOS

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Graphic Scale	NONE
DFD Number	24B2B
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Date Issued	10/07/2025
Sheet Number	A104

SITE PHOTO KEY NOTES - 400ST REEDSBURG DEPOT

1	REMOVE EXISTING METAL DOWNSPOUT/LEADER AND PROVIDE NEW METAL DOWNSPOUT/LEADER - MATCH EXISTING LOCATION AND LAYOUT.
2	EXISTING RED RAIN LEADER THAT CONNECTS TO UNDERGROUND PIPING TO REMAIN - SCRAPE, PRIME AND PAINT TO MATCH EXISTING.
3	REMOVE EXISTING METAL GUTTER SYSTEM AND PROVIDE NEW METAL GUTTER SYSTEM.
4	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAILS 6 & 10A101.
5	DIVISION 26 CONTRACTOR TO DISCONNECT AND REMOVE COMPLETE EXISTING HEAT CABLE SYSTEM. MAINTAIN ANY PENETRATIONS (SEE SITE PHOTOS 9A102 AND 10A102) FOR RE-USE. DIVISION 26 CONTRACTOR TO PROVIDE RAYCHEM HDM-2XT SERIES (BASIS OF DESIGN - OR EQUAL) SELF-REGULATING ROOF/GUTTER DE-ICING CABLES/SYSTEM AS SHOWN ON ARCHITECTURAL PLANS. PROVIDE CABLE/SYSTEM CONNECTION KITS AS REQUIRED. PROVIDE A 240 VOLT CONNECTION TO EACH/ALL CABLES/SYSTEM, AND FEED FROM EXISTING ELECTRICAL PANEL "BASEMENT PANEL" WITH NEW 2-POLE CPI (AS RECOMMENDED) BREAKERS AS REQUIRED. FIELD VERIFY ALL REQUIREMENTS AND COORDINATE ANY/ALL SYSTEM REQUIREMENTS WITH MANUFACTURER. PATCH/SEAL ANY AND ALL EXISTING/NEW PENETRATIONS AS REQUIRED. SEE DETAILS 11-15A106.
6	REPOINT EXISTING BRICK CHIMNEY AND STONE CHIMNEY CAP. EXISTING METAL BANDING AND RODS AROUND CHIMNEY TO BE REMOVED, SCRAPED, PRIMED, PAINTED AND REINSTALLED. PROVIDE NEW METAL FLASHING. SEE DETAIL 8A101.
7	REPOINT AROUND PERIMETER OF EXISTING STONE CORBEL - TYPICAL AT ALL AROUND BUILDING.
8	REPOINT AROUND PERIMETER OF EXISTING STONE SILL - TYPICAL AT ALL AROUND BUILDING.
9	REPOINT EXISTING BRICK.
10	REPOINT EXISTING STONE BANDING.
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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
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DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

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Sheet Title:
400ST REEDSBURG DEPOT SITE PHOTOS

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Sheet Number	A105

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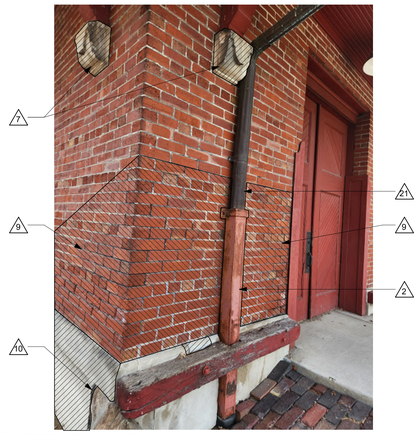

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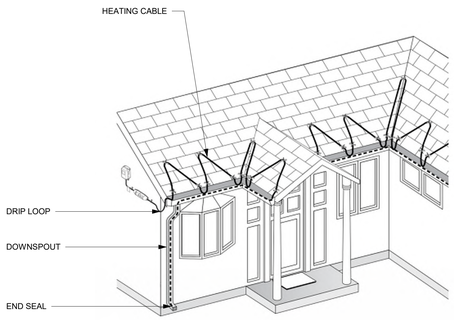
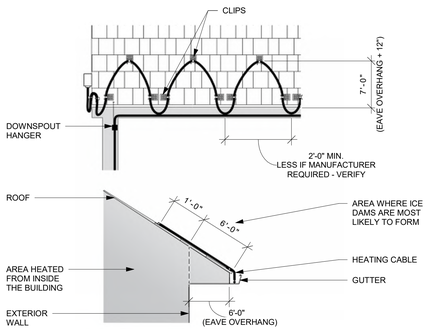
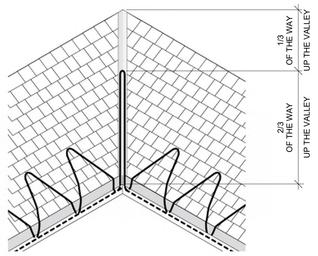


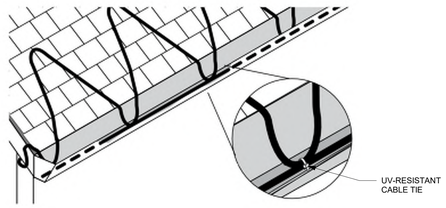
11 ROOF OVERALL HEAT CABLE ISOMETRIC DETAIL



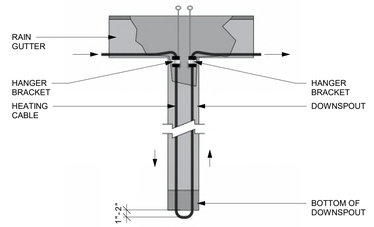
12 ROOF EDGE HEAT CABLE DETAIL



13 ROOF VALLEY HEAT CABLE ISOMETRIC DETAIL



14 ROOF GUTTER HEAT CABLE ISOMETRIC DETAIL



NOTE:
IF THE DOWNSPOUTS END UNDERGROUND OR CONTINUES INTO A DRAIN PIPE UNDERGROUND, THE HEATING CABLE MUST EXTEND INTO THE DRAIN PIPE BELOW THE FROST LINE.

15 ROOF DOWNSPOUT HEAT CABLE DETAIL

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
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DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
400ST REEDSBURG DEPOT SITE PHOTOS

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DEMOLITION GENERAL NOTES - DLSP CONCESSIONS BLDG:

A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.

B. AT WALL TYPES/MATERIALS: PREPARATION FOR NEW FINISHES SHALL INCLUDE, BUT NOT BE LIMITED TO REMOVAL OF EXISTING FINISHES, TAPES, GLUES/MASTIC, NAILS AND RELATED ITEMS. PATCHING OF HOLES, INDENTATIONS AND CRACKS FOR AN ACCEPTABLE SURFACE FOR NEW FINISH INSTALLATION.

C. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.

D. MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING.

E. ROOM NUMBERS ARE SHOWN ON THIS PLAN FOR INFORMATIONAL AND COORDINATION PURPOSES ONLY.

F. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.

G. PROVIDE FLOOR PROTECTION AS SPECIFIED AT DEBRIS REMOVAL PATHS THROUGH BUILDING.

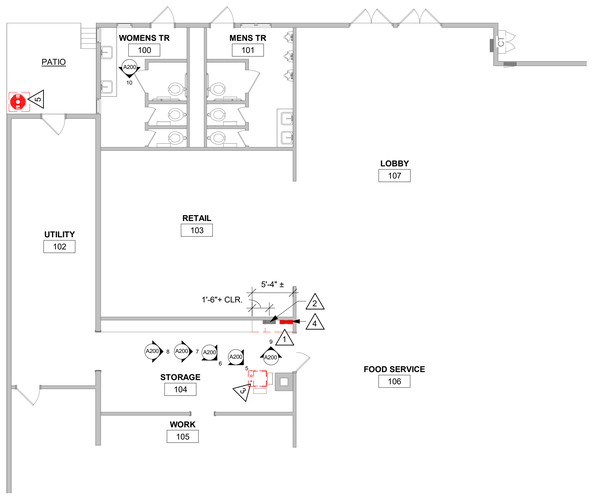
DEMOLITION PLAN LEGEND - DLSP CONCESSIONS BLDG:

△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

— — REMOVE ITEMS NOTED WITH DASHED LINES

DEMOLITION KEY NOTES - DLSP CONCESSIONS BLDG

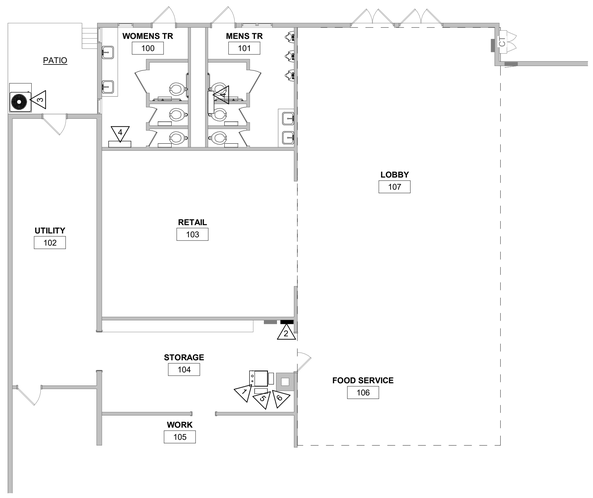
1	REMOVE EXISTING SHELVES ABOVE AND ADJACENT TO ELECTRICAL PANELS. REMOVE SHELVES TO NEXT VERTICAL SUPPORT WITH 18" MIN CLEARANCE FROM CENTER OF NEW ELECTRICAL PANEL TO EDGE OF EXISTING VERTICAL SUPPORT. SEE SITE PHOTO.
2	EXISTING ELECTRICAL PANEL TO REMAIN.
3	EXISTING FURNACE TO BE REMOVED BY MECHANICAL.
4	EXISTING ELECTRICAL PANEL TO BE REMOVED BY ELECTRICAL.
5	EXISTING CONDENSING UNIT TO BE REMOVED BY MECHANICAL.



1 PARTIAL DEMOLITION PLAN

1/8" = 1'-0"

0' 2' 4' 8' 12'



2 PARTIAL REMODEL PLAN

1/8" = 1'-0"

0' 2' 4' 8' 12'

REMODEL GENERAL NOTES - DLSP CONCESSIONS BLDG:

A. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

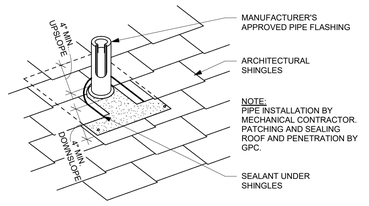
REMODEL LEGEND - DLSP CONCESSIONS BLDG:

△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMODEL KEY NOTES - DLSP CONCESSIONS BLDG

1	NEW FURNACE TO BE PROVIDED BY MECHANICAL.
2	NEW ELECTRICAL PANEL TO BE PROVIDED BY ELECTRICAL.
3	NEW CONDENSING UNIT TO BE PROVIDED BY MECHANICAL. GENERAL CONTRACTOR TO PROVIDE PRECAST CONCRETE PAD - CONFIRM SIZE WITH CONDENSING UNIT MANUFACTURER.
4	NEW SURFACE MOUNTED ELECTRIC UNIT HEATER TO BE PROVIDED BY MECHANICAL ON EXISTING WOOD PANELING - BOTTOM AT APPROXIMATELY 8'-0" A.F.F.
5	PATCH EXISTING ASPHALT ROOF AT REMOVED PIPING PENETRATION - PIPE REMOVED BY MECHANICAL. GENERAL CONTRACTOR TO PATCH ROOF WATER TIGHT. MATCH EXISTING SHINGLE TYPE AND COLOR. EXISTING ROOF IS UNDER WARRANTY. ROOF WORK SHALL BE PREFORMED BY CONTRACTOR SUITABLE TO MANUFACTURER OF EXISTING ROOF (GAF) FOR CONTINUATION OF MANUFACTURER'S WARRANTY.
6	NEW PIPE PENETRATION UP THROUGH EXISTING ASPHALT SHINGLE ROOF. FLASH INTO EXISTING ROOF. SEE DETAILS 3 & 4/A200. EXISTING ROOF IS UNDER WARRANTY. ROOF WORK SHALL BE PREFORMED BE PREFORMED BY CONTRACTOR SUITABLE TO MANUFACTURER OF EXISTING ROOF (GAF) FOR CONTINUATION OF MANUFACTURER'S WARRANTY.

NOTE:
INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE ONE ROLL WIDTH AROUND ALL PENETRATIONS, PERIMETER RAKE EDGES & HIGHER ELEVATIONS (TURN UP WALL 4" MIN.)



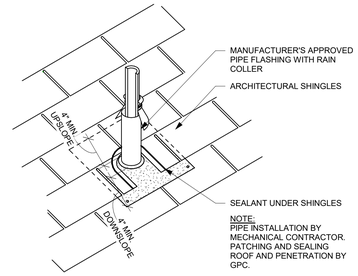
SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS

3 ROOF VENT STACK DETAIL

1 1/2" = 1'-0"

0' 2' 4' 8' 1'

NOTE:
INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE ONE ROLL WIDTH AROUND ALL PENETRATIONS, PERIMETER RAKE EDGES & HIGHER ELEVATIONS (TURN UP WALL 4" MIN.)



4 ROOF HOT STACK DETAIL

1 1/2" = 1'-0"

0' 2' 4' 8' 1'

SITE PHOTO KEY NOTES - DLSP CONCESSIONS BLDG

1	EXISTING FURNACE TO BE REMOVED BY MECHANICAL.
2	EXISTING DUCT WORK TO BE REMOVED BY MECHANICAL.
3	EXISTING ELECTRICAL PANEL TO BE REMOVED BY ELECTRICAL.
4	EXISTING ELECTRICAL PANEL TO REMAIN.
5	REMOVE EXISTING WOOD SHELVING AND VERTICAL FRAMING TO CEILING ABOVE. SEE DEMOLITION PLAN FOR WIDTH OF REMOVAL.
6	NEW SURFACE MOUNTED ELECTRIC HEATING UNIT TO BE PROVIDED BY MECHANICAL ON WOOD PORTION OF WALL. REMOVE EXISTING WALL MOUNTED AIR FRESHENER AND REINSTALL AT SAME HEIGHT - VERIFY FINAL LOCATION WITH OWNER.
7	MODIFY EXISTING PIPE PENETRATIONS FOR NEW FURNACE PIPES. SEE SHEET M200.

5 SITE PHOTO

6 SITE PHOTO

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10 SITE PHOTO

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
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STATEWIDE, WISCONSIN

Sheet Title:
DLSP CONCESSIONS BUILDING PLANS, DETAILS, AND SITE PHOTOS

Revisions:

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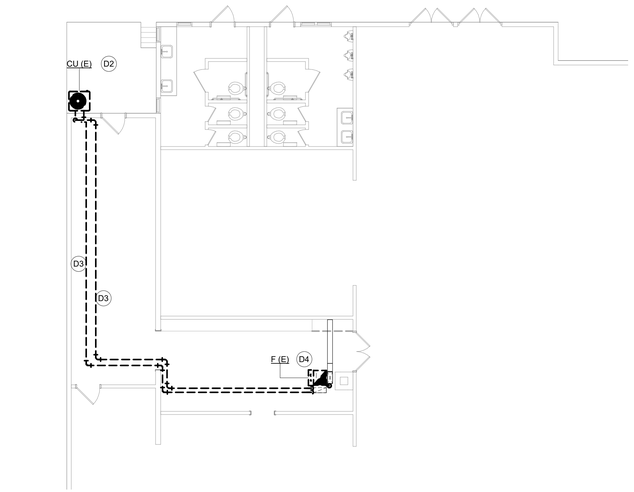
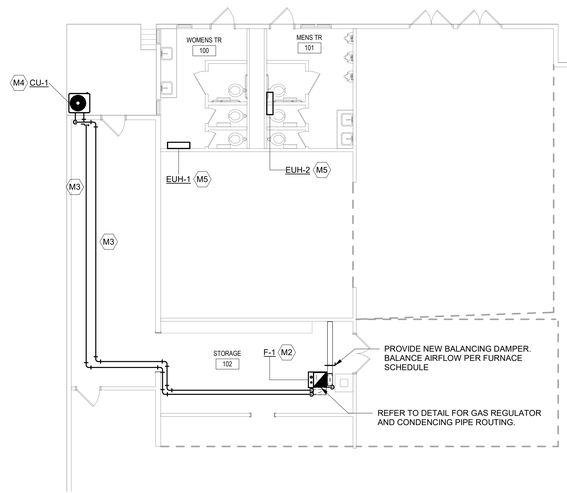


1 M200 CONCESSIONS BUILDING DEMOLITION PLAN - HVAC



2 M200 CONCESSIONS BUILDING NEW WORK PLAN - HVAC

GENERAL NOTES:

1. ALL WORK TO BE DONE IN COMPLIANCE WITH ALL STATE AND LOCAL CODES AND ALL MANUFACTURER'S INSTRUCTIONS.
2. ALL DUCT INSTALLATION SHALL CONFORM TO ASHRAE AND SMACNA STANDARDS IN REGARDS TO BUT NOT LIMITED TO DUCT GAUGES, TURNING RADIUS, TURNING VANES, ETC, WHETHER OR NOT SHOWN ON DRAWINGS.
3. ALL DUCTWORK AND PIPING SHALL RUN STRAIGHT AND TRUE AND SHALL BE INSTALLED IN A WORKMANLIKE MANNER.
4. ALL DUCTWORK THAT REQUIRES INSULATION SHALL CONFORM WITH ALL APPLICABLE CODES. DIMENSIONS LISTED ARE INSIDE FREE AREA.
5. FLEX DUCT NOT TO EXCEED 5FT IN LENGTH. METAL DUCT TO BE USED FOR RUN-OUTS TO WITHIN 5FT OF DIFFUSER.
6. HVAC CONTRACTOR OR BALANCING AGENT SHALL TEST, ADJUST, CALIBRATE, AND BALANCE THE SYSTEMS AS REQUIRED BY APPLICABLE CODES AND ACCORDANCE WITH NEBB. THE BALANCE REPORT SHALL BE SUBMITTED TO THE ENGINEER, AND ONE COPY RETAINED AT THE JOBSITE.
7. ALL DUCTWORK WHICH OPERATES AT STATIC PRESSURES FROM .25 INCHES TO 2 INCHES WATER COLUMN INCLUSIVE AND IS LOCATED OUTSIDE OF THE CONDITIONED SPACE OR IN RETURN PLENUMS SHALL BE SEALED IN ACCORDANCE WITH SEAL CLASS C AS DEFINED IN THE SMACNA HVAC DUCT LEAKAGE TEST MANUAL.
8. ALL EQUIPMENT IS TO BE PROVIDED COMPLETE WITH OPERATION & MAINTENANCE MANUALS AND SYSTEM SCHEMATICS.
9. ALL HVAC EQUIPMENT TO MEET IRI, AGA, AND UL REQUIREMENTS.
10. ALL LOW-VOLTAGE WIRING BY HVAC CONTRACTOR PER NATIONAL ELECTRIC CODE.
11. HVAC CONTRACTOR TO FIELD VERIFY EXACT LOCATION OF DUCT & PIPE ROUTING AND EQUIPMENT LOCATIONS AND CLEARANCES ON JOB SITE.
12. GAS PIPE SIZING IS BASED UPON SCHEDULE 40 BLACK STEEL.
13. COORDINATE FURNACE DOWNTIME WITH AGENCY AND USERS.
14. FURNACE INTENDED FOR SUPPLEMENTAL COOLING ONLY.

DEMOLITION KEYED NOTES

(KEYED NOTES PER PROJECT)

D2 REMOVE EXISTING AIR COOLED CONDENSING UNIT. CLEAN EXSITING POLYMER EQUIPMENT PAD AND RELOCATE ACCORDING TO NEW WORK PLAN.

D3 REMOVE EXISTING REFRIGERANT PIPING FROM FURNACE TO AIR COOLED CONDENSING UNIT. SEAL PIPE PENETRATIONS NOT REUSED FOR NEW PIPING.

D4 REMOVE EXISTING DOWNFLOW NATURAL GAS FURNACE, SUPPLY DUCT AT CONNECTION, RETURN DUCT FROM CONNECTION TO 20ft RETURN DUCT RISER, DX COOLING COIL, CONDENSATE PIPING, NATURAL GAS PIPING AT CONNECTION, THERMOSTAT, AND COMBUSTION AIR AND VENT THROUGH ROOF. COORDINATE ROOF PATCHING BY GENERAL CONTRACTOR. REFER TO EXISTING ROOF WARRANTY INFORMATION ON SHEET A200.

KEYED NOTES

(KEYED NOTES PER PROJECT)

M2 NEW NATURAL GAS FURNACE F-1 WITH DX COOLING COIL. CONNECT DOWNFLOW FURNACE TO EXISTING SUPPLY DUCTWORK. TRANSITION FROM OUTLET SIZE AT OUTLET. CONNECT FURNACE RETURN AIR INLET TO EXISTING RETURN DUCT WITH DUCT MOUNTED FILTER HOUSING. TRANSITION AT FILTER HOUSING. CONNECT NEW FURNACE TO EXISTING NATURAL GAS PIPING. PROVIDE GAS PRESSURE REGULATOR. ROUTE NEW 2" COMBUSTION AIR PIPE AND NEW 2" VENT FROM FURNACE THROUGH ROOF. REFER TO SHEET A200 FOR ROOF DETAILS WITH ALL WORK BY GPC AND EXISTING ROOF WARRANTY INFORMATION. TERMINATE PER MANUFACTURER'S INSTRUCTIONS. COMBUSTION AIR PIPE, COMBUSTION AIR PIPE TERMINATION, FURNACE VENT, AND FURNACE VENT TERMINATION BY MC. PROVIDE CONDENSATE NEUTRALIZATION AND PIPE TO FLOOR DRAIN. PROVIDE NEW THERMOSTAT

M3 ROUTE NEW REFRIGERANT SUCTION AND REFRIGERANT LIQUID PIPING FROM NEW FURNACE F-1 TO NEW CONDENSING UNIT CU-1. SIZE PIPING PER MANUFACTURER'S INSTRUCTIONS.

M4 NEW CONDENSING UNIT CU-1. RELOCATE CLEANED EXISTING POLYMER EQUIPMENT PAD.

M5 SURFACE MOUNTED ELECTRIC UNIT HEATER. MOUNT AT 8' AFF. COORDINATE LOCATION WITH GPC.

EXISTING CONDITIONS ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR THE EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

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JDR PROJECT NO: 24.0178

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA, & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP CONCESSIONS BUILDING DEMOLITION AND NEW WORK PLANS – HVAC

Revisions:

No.	Date:	Description:

Graphic Scale	0' 2' 4' 8' 12'
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
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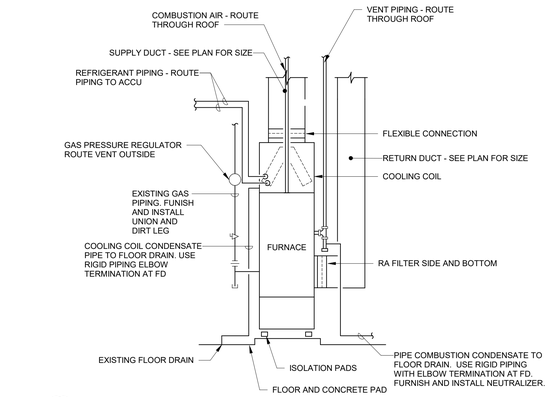
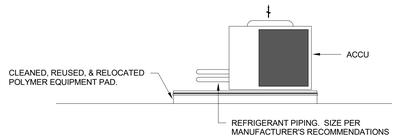


1 M201 SEALED COMBUSTION FURNACE

SCALE: 12" = 1'-0"



2 M201 CONDENSING UNIT DETAIL

SCALE: NONE

FURNACE SCHEDULE

UNIT NO.		F-1			
SERVICE		SEE PLANS			
LOCATION		SEE PLANS			
MANUFACTURER		TRANE			
MODEL NO.		S9B1B060			
SUPPLY FAN	SUPPLY CFM	750			
	MIN. OA CFM	0			
	RETURN CFM	750			
	SUPPLY FAN HP	1/2			
COOLING COIL	MANUFACTURER	TRANE			
	MODEL NUMBER	5TXC			
	TOTAL CAP. (MBH)	17.8			
	SENSIBLE CAP. (MBH)	16.2			
	EAT (°F) DB / WB	75 / 63			
	LAT (°F) DB / WB	55			
	FACE VELOCITY FPM MAX.	500			
	REFRIGERANT TYPE	R-454B			
HEATING DATA	HEATING TYPE	GAS			
	MBH INPUT	60			
	MBH OUTPUT	55.2			
	AIR TEMPERATURE DELTA T (°F)	68			
	MINIMUM EFFICIENCY (%)	92.1			
VOLTAGE / PHASE		120 / 1			
FULL LOAD AMPS		10.3			
MOCP		15			
AIR COOLED CONDENSING UNIT	UNIT NO.	CU-1			
	MANUFACTURER	TRANE			
	MODEL NO.	5TTR4			
	SERVICE	F-1			
	NOMINAL CAPACITY (TONS)	1.5			
	AMBIENT TEMP (°F)	95			
	MINIMUM EFFICIENCY (SEER)				
	REFRIGERANT TYPE	R-454B			
	TOTAL CAPACITY (TON)	1.5			
	# OF COMPRESSORS	1			
	VOLTAGE / PHASE	240 / 1			
	FULL LOAD AMPS	9			
	MOCP	20			
REMARKS		1, 2, 3			

KEYED NOTES

1 LISTED MODEL AND MANUFACTURER ARE THE BASIS OF DESIGN.
REFER TO THE SPECIFICATION FOR ALLOWABLE MANUFACTURERS
2 MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL GAS REGULATOR
3 PROVIDE DOWNFLOW CONFIGURATION

ELECTRIC UNIT HEATER SCHEDULE

UNIT NO.	EUH-1	EUH-2		
SERVICE	SEE PLANS	SEE PLANS		
LOCATION	SEE PLANS	SEE PLANS		
MANUFACTURER	MARKEL	MARKEL		
MODEL NO.	HF3324TD-RP	HF3324TD-RP		
CFM OF STD AIR	175	175		
KW INPUT	2	2		
CAPACITY (BTU / HR)	6,824	6,824		
CONTROL STEPS	1	1		
VOLTS	240	240		
PHASE	1	1		
REMARKS	1 2 3	1 2 3		

KEYED NOTES:

1 LISTED MODEL AND MANUFACTURER ARE THE BASIS OF DESIGN.
REFER TO THE SPECIFICATION FOR ALLOWABLE MANUFACTURERS
2 PROVIDE DISCONNECT SWITCH
3 PROVIDE BUILT-IN SINGLE STAGE THERMOSTAT

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SAUK, COLUMBIA, & JUNEAU COUNTIES
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Sheet Title:
DLSP CONCESSIONS BUILDING SCHEDULES AND DETAILS – HVAC

Revisions:

No.	Date:	Description:

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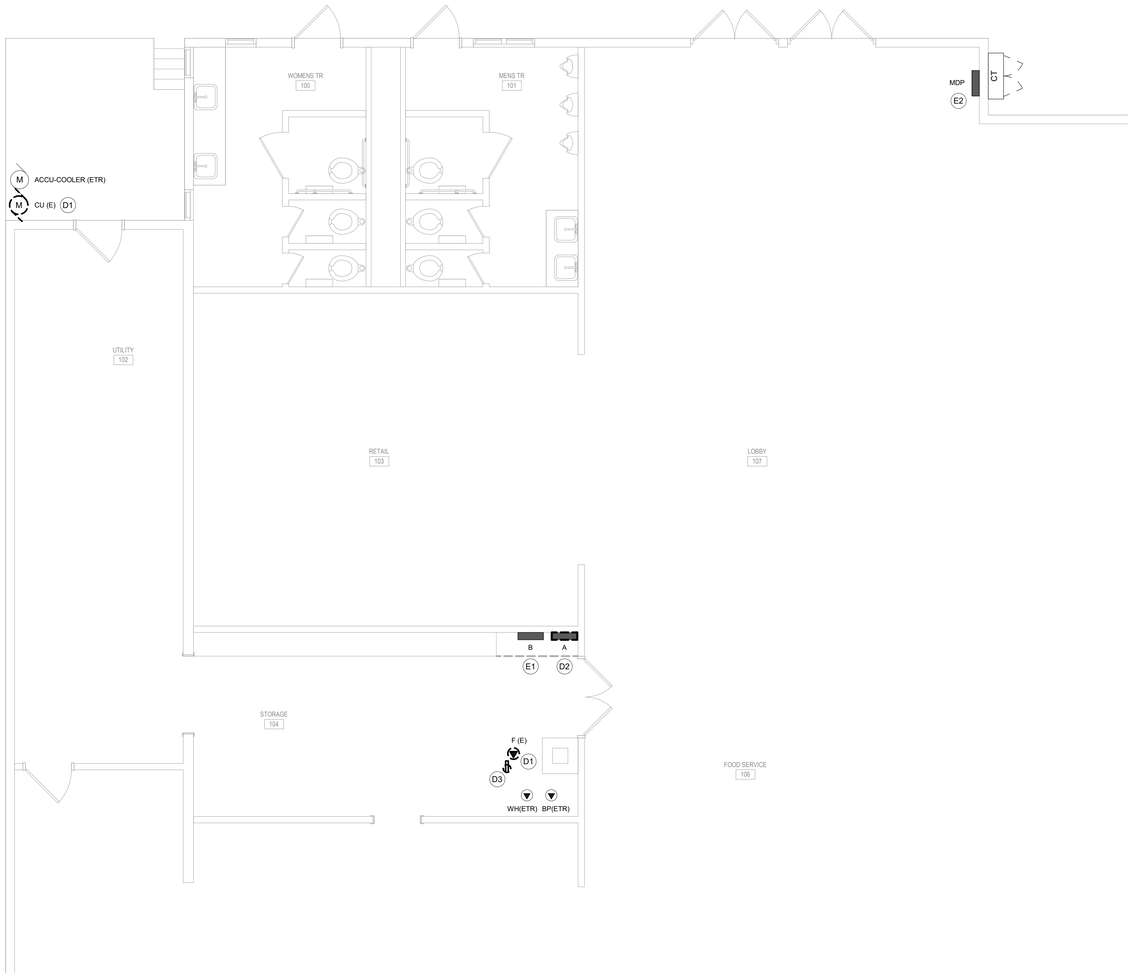

1 E200 CONCESSIONS BUILDING – DEMOLITION

SCALE: 1/4" = 1'-0"

NAME	DESCRIPTION
ACCU-COOLER (ETR)	EXISTING AIR COOLED CONDENSING UNIT
CU(E)	EXISTING AIR COOLED CONDENSING UNIT
F(E)	EXISTING FURNACE
WH(ETR)	EXISTING WATER HEATER
BP(ETR)	EXISTING BOOSTER PUMP

DEMOLITION KEYED NOTES

(KEYED NOTES PER PROJECT)

D1 EXISTING EQUIPMENT TO BE REMOVED. DISCONNECT AND REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REFER TO ONE-LINE ON SHEET E202.

D2 EXISTING 240/120V 1-PHASE, 3-WIRE 225A SQUARE D NQOB PANELBOARD TO BE DISCONNECTED, REMOVED, AND REPLACED. REFER TO ONE-LINE ON SHEET E202.

D3 DISCONNECT AND REMOVE FURNACE MOUNTED RECEPTACLE.

E1 EXISTING 240/120V 1-PHASE, 3-WIRE 225A SQUARE D NQOB PANELBOARD "B" TO REMAIN.

E2 EXISTING 240/120V 1-PHASE, 3-WIRE 400A SIEMENS PANELBOARD "MDP" TO REMAIN. REFER TO ONE-LINE ON SHEET E202.

2 E200 EXISTING MDP

SCALE: 1 1/2" = 1'-0"

DEMOLITION GENERAL NOTES:

- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION-1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
- ALL DARK DASHED LINES APPROXIMATELY INDICATE EXISTING DEVICES TO BE DISCONNECTED AND REMOVED, UNLESS INDICATED OTHERWISE. REMOVE ANY/ALL UNUSED BOXES, WIRING AND CONDUIT BACK TO SOURCE, ALL PROPERLY SIZED AND PROPERLY SUPPORTED CONDUIT ONLY MAY BE REUSED.
- ALL SOLID LIGHT LINES INDICATE EXISTING DEVICES/EQUIPMENT TO REMAIN IN SERVICE, UNLESS NOTED OTHERWISE.
- ANY/ALL BOXES, CONDUIT, WIRING AND CABLING THAT IS DISCONNECTED AS PART OF THIS PROJECT SHALL BE REMOVED BACK TO SOURCE AND AVAILABLE COMPONENTS SHALL BE RELABELED AS 'SPARE' UNLESS NOTED OTHERWISE.
- EXISTING PROJECT CONDITIONS: INFORMATION PERTAINING TO EXISTING PROJECT CONDITIONS, SUCH AS PRESENT LOCATIONS OF ARCHITECTURAL AND STRUCTURAL BUILDING COMPONENTS, MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, ROUGH-INS AND OTHER MISCELLANEOUS CONSTRUCTION, APPEARS ON THE DRAWINGS. WHILE SUCH INFORMATION HAS BEEN BASED ON AVAILABLE RECORDS AND COLLECTED WITH REASONABLE CARE, THE ARCHITECT AND ENGINEER DO NOT ASSUME ANY EXPRESSED OR IMPLIED GUARANTEE THAT CONDITIONS SO INDICATED ARE SHOWN ENTIRELY COMPLETE, CORRECT AND REPRESENTATIVE OF THOSE ACTUALLY EXISTING. ALL CONTRACTORS SHALL SATISFY THEMSELVES AS TO ALL EXISTING JOB CONDITIONS PRIOR TO BIDDING, AND VERIFY ALL DIMENSIONS AT THE SITE.
- ELECTRICAL CONTRACTOR TO DE-ENERGIZE ANY/ALL EQUIPMENT DESIGNATED FOR DEMOLITION PRIOR TO REMOVAL BY OTHERS.
- WHERE EXISTING PANELS ARE BEING REUSED, PROVIDE NEW BREAKER(S) IN EXISTING PANEL(S) TO FEED ANY/ALL NEW LOADS SHOWN ON THE PLANS.
- REFER TO PHASING PLAN FOR MAINTAINING, DE-ENERGIZING, AND ENERGIZING EQUIPMENT.
- ALL EXISTING ELECTRICAL EQUIPMENT NOTED WITH A SUBSCRIPT "(ETR)" SHALL BE PROPERLY PROTECTED AGAINST DAMAGE DURING THE PERIOD OF THIS RENOVATION.
- WHERE MATERIALS ARE TO BE TURNED OVER TO OWNER OR REUSED AND INSTALLED BY CONTRACTOR, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN CONDITION OF MATERIALS AND EQUIPMENT AT NO ADDITIONAL COST TO OWNER.
- EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.

EXISTING CONDITIONS ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR THE EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP CONCESSIONS BUILDING DEMOLITION PLANS – ELECTRICAL

Revisions:

No.	Date:	Description:

Graphic Scale	0' 1' 2' 4' 6'
DFD Number	24B2B
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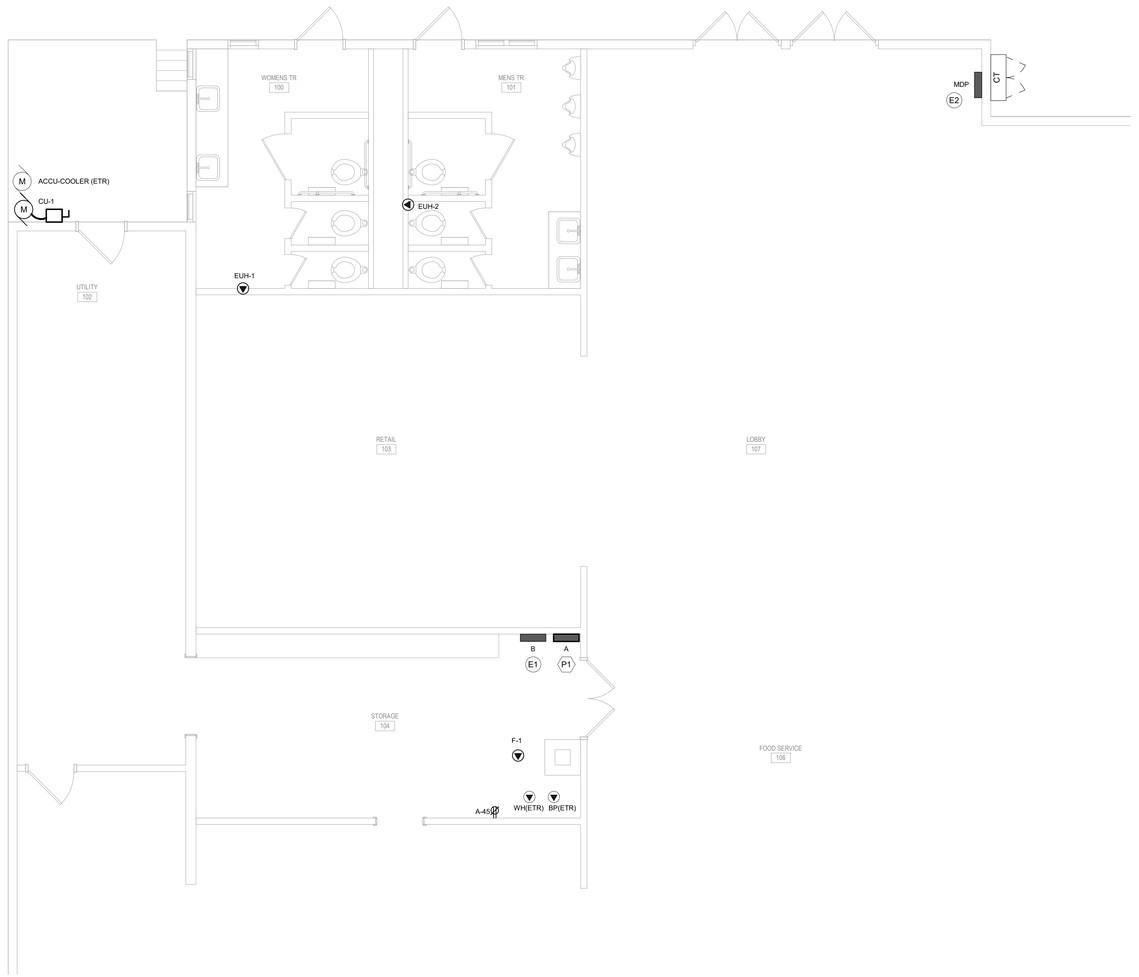
Date Issued	10/07/2025
Sheet Number	E200



1 E201 CONCESSIONS BUILDING – ELECTRICAL

SCALE: 1/4" = 1'-0"

KEYED NOTES

(KEYED NOTES PER PROJECT)

E1 EXISTING 240/120V 1-PHASE, 3-WIRE 225A SQUARE D NQOB PANELBOARD "B" TO REMAIN.

E2 EXISTING 240/120V 1-PHASE, 3-WIRE 400A SIEMENS PANELBOARD "MDP" TO REMAIN. REFER TO ONE-LINE ON SHEET E202.

P1 PROVIDE A NEW 240/120V 1-PHASE, 3-WIRE 54 CIRCUIT PANELBOARD.

ELECTRICAL GENERAL NOTES:

- EXISTING PROJECT CONDITIONS: INFORMATION PERTAINING TO EXISTING PROJECT CONDITIONS, SUCH AS PRESENT LOCATIONS OF ARCHITECTURAL AND STRUCTURAL BUILDING COMPONENTS, MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, ROUGH-INS AND OTHER MISCELLANEOUS CONSTRUCTION, APPEARS ON THE DRAWINGS. WHILE SUCH INFORMATION HAS BEEN BASED ON AVAILABLE RECORDS AND COLLECTED WITH REASONABLE CARE, THE ARCHITECT AND ENGINEER DO NOT ASSUME ANY EXPRESSED OR IMPLIED GUARANTEE THAT CONDITIONS SO INDICATED ARE SHOWN ENTIRELY COMPLETE, CORRECT AND REPRESENTATIVE OF THOSE ACTUALLY EXISTING. ALL CONTRACTORS SHALL SATISFY THEMSELVES AS TO ALL EXISTING JOB CONDITIONS PRIOR TO BIDDING, AND VERIFY ALL DIMENSIONS AT THE SITE.
- REFER TO SHEETS E000 FOR ALL SYMBOLS AND ABBREVIATIONS.
- THE CONTRACTOR MAY INSTALL UP TO THREE (3) CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON THWN INSULATION, 40°C AMBIENT WITH DERATINGS FOR TEMPERATURE AND UP TO THREE (3) CONDUCTORS IN A CONDUIT. CONTACT THE ENGINEER FOR WIRING IN OTHER CONDITIONS.
- VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
- REFER TO ARCHITECTURAL PLANS, SECTIONS, ELEVATIONS, AND REFLECTED CEILING PLANS FOR EXACT LOCATION AND COORDINATION OF ALL LIGHT FIXTURE INSTALLATIONS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION 1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
- ALL SOLID LIGHT LINES INDICATE EXISTING DEVICES/EQUIPMENT TO REMAIN IN SERVICE, UNLESS NOTED OTHERWISE.
- WHERE EXISTING PANELS ARE BEING REUSED, PROVIDE NEW BREAKER(S) IN EXISTING PANEL(S) TO FEED ANY/ALL NEW LOADS SHOWN ON THE PLANS.
- REFER TO SECTION 26 05 19 FOR SPECIFIC WIRING REQUIREMENTS. NOTE THAT HIGH AMBIENT SPACES, MECHANICAL ROOMS, UTILITY ROOMS, AND EXTERIOR EXPOSED CONDUIT SHALL BE 90 DEGREE C, XHHW-2 CONDUCTORS.
- REFER TO PHASING PLAN FOR MAINTAINING, DE-ENERGIZING, AND ENERGIZING EQUIPMENT.
- ALL WIRING WITHIN THE BUILDING SHALL BE CONCEALED EXCEPT IN UNFINISHED SPACES.
- ALL GFCI RECEPTACLES ON THIS PROJECT SHALL BE WEATHER RESISTANT (WR) RATED.
- POWER CONDUCTORS SHALL BE SIZED PER THE NEC AMPACITY TABLES (ARTICLE 310), INCLUDING ADJUSTMENT FACTOR AND NEUTRAL CONDUCTOR REQUIREMENTS (FEED AND BRANCH NEUTRAL CONDUCTORS MUST BE COUNTED AS CURRENT CARRYING CONDUCTORS). RUN SEPARATE NEUTRAL CONDUCTORS FOR ALL LIGHTING CIRCUITS.
- ALL LIGHT FIXTURES SHALL BE PROVIDED WITH QUICK-CONNECT DISCONNECTING MEANS AND A 6" (MAXIMUM) FIXTURE WHIP FOR FUTURE MAINTENANCE PURPOSES.
- WIRING SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC) AND APPLICABLE LOCAL CODES, INCLUDING PROVISION OF EQUIPMENT GROUNDING AS REQUIRED BY THE NEC.
- IN HIGH AMBIENT SPACES, MECHANICAL ROOMS, UTILITY ROOMS, AND EXTERIOR EXPOSED CONDUIT, 90 DEGREE C, XHHW-2 CONDUCTORS SHALL BE UTILIZED.
- ALL DUPLEX RECEPTACLES SHALL BE HEAVY DUTY SPECIFICATION GRADE, 20 AMP RATED.
- CIRCUITING INDICATES GROUPING ONLY. CONFIRM ALL EXISTING WIRING AND CIRCUITING.

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SAUK, COLUMBIA & JUNEAU COUNTIES
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STATEWIDE, WISCONSIN

Sheet Title:
DLSP CONCESSIONS BUILDING NEW WORK PLANS – ELECTRICAL

Revisions:

No.	Date:	Description:

Graphic Scale	0' 1' 2' 4' 6'
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
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Panelboard: A — DEMO

Location: STORAGE 104 | **Voltage:** 240V/120 | **A.I.C. Rating:** 22,000 AIC
Supply From: MDP | **Phases:** 1 | **Mains Type:** MLO
Mounting: SURFACE | **Wires:** 3 | **Bus Rating:** 225 A
Enclosure: Type 1

CKT	Circuit Description	Note	Trip	Poles	A (kVA)		B (kVA)		C (kVA)		Poles	Trip	Note	Circuit Description	CKT
1	APT A/C RECEPTACLE		20 A	1	0	0					1	20 A		MENS BATHROOM HAND DRYER	2
3	KITCHEN A/C OUTLET		20 A	1			0	0			1	20 A		UNKNOWN	4
5	SUMP PUMP BASEMENT		20 A	1	0	0					1	20 A		WOMEN'S BATHROOM HAND DRYER	6
7	APT RECEPTACLES		20 A	1			0	0			1	20 A		APT RECEPTACLE S. WALL	8
9	EXHAUST HOOD		30 A	2	0	0					1	20 A		UNKNOWN.	10
11							0	0			1	20 A		RECEPTACLE NORTH OF HOOD	12
13	UNUSABLE		--	1	--	--					1	--		UNUSABLE	14
15	UNUSABLE		--	1			--	--			1	--		UNUSABLE	16
17	DAIRY CASE		30 A	2	0	0					2	100 A		APARTMENT SUB-PANEL	18
19							0	0							20
21	A/C SOFT SERVE		40 A	2	0	0					2	20 A		2-DOOR FREEZER COMPRESSOR	22
23							0	0							24
25	BASEMENT WALK-IN FREEZER		30 A	2	0	0					2	20 A		WALK-IN COOLER COMPRESSOR	26
27							0	0							28
29	BASEMENT LIGHTS / ATM /...		20 A	1	0	0					1	20 A		BASEMENT LIGHTS / UPS OFFICE	30
31	RANGE RECEPTACLE		20 A	1			0	0			1	20 A		NOVELTY ICE CREAM FREEZER	32
33	LUNCH COUNTER		20 A	1	0	0					1	20 A		KITCHEN REFRIGERATOR	34
35	LUNCH COUNTER		20 A	1			0	0			1	20 A		RECEPTACLE BACK HALL FREEZER	36
37	MAIN FLOOR LUNCH COUNTER		20 A	1	0	0					1	20 A		DISHWASHER	38
39	FURNACE / O.S. LIGHT		20 A	1			0	0			2	30 A		WASHER / DRYER	40
41	LUNCH COUNTER		20 A	1	0	0									42
			Total Load:		0 kVA		0 kVA		0 kVA						
			Total Amps:		0 A		0 A		0 A						

FEEDER BREAKER NOTES:

(G)	GROUND FAULT PROTECTION	(LN)	BREAKER LOCK IN ON POSITION
(M)	INTEGRAL METER	(LF)	BREAKER LOCK IN OFF POSITION
(S)	SURGE PROTECTION	(AF)	ARC FAULT PROTECTION
(ST)	SHUNT TRIP BREAKER	(G/AF)	COMBINATION GFCI/AFCI

ADJUSTABLE TRIP SETTINGS:

(IT)	INSTANTANEOUS SETTING
(LT)	LONG TERM SETTING
(ST)	SHORT TERM SETTING

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 kVA
				Total Est. Demand:	0 kVA
				Total Conn.:	0 A
				Total Est. Demand:	0 A

Notes:

Panelboard: B — EXISTING

Location: STORAGE 104 | **Voltage:** 240V/120 | **A.I.C. Rating:** 22,000 AIC
Supply From: MDP (FEED THRU PANEL A) | **Phases:** 1 | **Mains Type:** MLO
Mounting: SURFACE | **Wires:** 3 | **Bus Rating:** 100 A
Enclosure: Type 1

CKT	Circuit Description	Note	Trip	Poles	A (kVA)		B (kVA)		C (kVA)		Poles	Trip	Note	Circuit Description	CKT
1	TWO DOOR FREEZER LIGHTS		20 A	1	0	0					2	20 A		SIX DOOR COOLER	2
3	TWO DOOR FREEZER FANS		20 A	1			0	0							4
5	WALK-IN COOLER LIGHTS		20 A	1	0	0					1	20 A		SIX DOOR COOLER LIGHTS	6
7	WALK-IN COOLER FANS		20 A	1			0	0			1	20 A		SIX DOOR COOLER FANS	8
9	SOUVENIR ISLAND RECEPT / REG1		20 A	1	0	0					1	20 A		CASH REGISTER 2	10
11	CASH REGISTER 3		20 A	1			0	0			1	20 A		ICE CREAM DIPPING CASE	12
13	MALT MACHINE		20 A	1	0	0					1	20 A		UNDERCOUNTER COOLER	14
15	CASH REGISTER 5		20 A	1			0	0			2	20 A		AIR HANDLER	16
17	UNKNOWN		20 A	1	0	0									18
19	NACHO MACHINE		20 A	1			0	0			1	20 A		UNDER COUNTER FREEZER	20
21	UNDER COUNTER COOLER		20 A	1	0	0					2	15 A		EXPRESSO MACHINE	22
23	UNKOWN		20 A	1			0	0							24
25	SANDWICH COOLER / TABLE		20 A	1	0	0					1	20 A		NOT USE - ISLAND RECEPTACLE	26
27	MOCHA / CAPPFROZEN DRINK		20 A	1			0	0			1	20 A		SLUSHY MACHINE	28
29	ISLAND BLENDER		20 A	1	0	0					1	20 A		COFFEE MACHINE	30
31	COOLER OUTLETS		20 A	1			0	0			1	20 A		ICED TEA MACHINE / SPARE	32
33	UNKNOWN		20 A	1	0	0					1	20 A		UPRIGHT FREEZER	34
35	MICROWAVE RECEPTACLE		20 A	1			0	0			1	20 A		4-DOOR COOLER EVAPORATOR	36
37	OUTLET BY 4-DOOR COOLER		20 A	1	0	0					1	20 A		STEAMER	38
39	FOUR DOOR COOLER		15 A	2			0	0			1	20 A		TRACK LIGHTS - NOT USED	40
41					0	0					1	20 A		SODA MACHINE	42
			Total Load:		0 kVA		0 kVA		0 kVA						
			Total Amps:		0 A		0 A		0 A						

FEEDER BREAKER NOTES:

(G)	GROUND FAULT PROTECTION	(LN)	BREAKER LOCK IN ON POSITION
(M)	INTEGRAL METER	(LF)	BREAKER LOCK IN OFF POSITION
(S)	SURGE PROTECTION	(AF)	ARC FAULT PROTECTION
(ST)	SHUNT TRIP BREAKER	(G/AF)	COMBINATION GFCI/AFCI

ADJUSTABLE TRIP SETTINGS:

(IT)	INSTANTANEOUS SETTING
(LT)	LONG TERM SETTING
(ST)	SHORT TERM SETTING

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 kVA
				Total Est. Demand:	0 kVA
				Total Conn.:	0 A
				Total Est. Demand:	0 A

Notes: PANEL SCHEDULE SHOWN FOR INFOMATIONAL PURPOSES ONLY.

Panelboard: A — NEW

Location: STORAGE 104 | **Voltage:** 240V/120 | **A.I.C. Rating:** 22,000 AIC
Supply From: MDP | **Phases:** 1 | **Mains Type:** MLO
Mounting: SURFACE | **Wires:** 3 | **Bus Rating:** 225 A
Enclosure: Type 1

CKT	Circuit Description	Note	Trip	Poles	A		B		C		Poles	Trip	Note	Circuit Description	CKT
1	APT A/C RECEPTACLE		20 A	1	0	0					1	20 A		MENS BATHROOM HAND DRYER	2
3	KITCHEN A/C OUTLET		20 A	1			0	0			1	20 A		UNKNOWN	4
5	SUMP PUMP BASEMENT		20 A	1	0	0					1	20 A		WOMEN'S BATHROOM HAND DRYER	6
7	APT RECEPTACLES		20 A	1			0	0			1	20 A		APT RECEPTACLE S. WALL	8
9	EXHAUST HOOD		30 A	2	0	0					1	20 A		UNKNOWN	10
11							0	0			1	20 A		RECEPTACLE NORTH OF HOOD	12
13	**EUH-1**		30 A	2	1	1					2	30 A		**EUH-2**	14
15							1	1							16
17	DAIRY CASE		30 A	2	0	0					2	100 A		APARTMENT SUB-PANEL	18
19							0	0							20
21	A/C SOFT SERVE		40 A	2	0	0					2	20 A		2-DOOR FREEZER COMPRESSOR	22
23							0	0							24
25	BASEMENT WALK-IN FREEZER		30 A	2	0	0					2	20 A		WALK-IN COOLER COMPRESSOR	26
27							0	0							28
29	BASEMENT LIGHTS / ATM /...		20 A	1	0	0					1	20 A		BASEMENT LIGHTS / UPS OFFICE	30
31	RANGE RECEPTACLE		20 A	1			0	0			1	20 A		NOVELTY ICE CREAM FREEZER	32
33	LUNCH COUNTER		20 A	1	0	0					1	20 A		KITCHEN REFRIGERATOR	34
35	LUNCH COUNTER		20 A	1			0	0			1	20 A		RECEPTACLE BACK HALL FREEZER	36
37	MAIN FLOOR LUNCH COUNTER		20 A	1	0	0					1	20 A		DISHWASHER	38
39	FURNACE / O.S. LIGHT		20 A	1			0	0			2	30 A		WASHER / DRYER	40
41	LUNCH COUNTER		20 A	1	0	0									42
43	**F-1 - FURNACE**		15 A	1			1.24	0			1	20 A		SPARE	44
45	RECEPTACLE - STORAGE #104		20 A	1	0.18	0					1	20 A		SPARE	46
47	**CU-1 - AIR COOLED CONDENSING...**		20 A	2			1.08	0			1	20 A		SPARE	48
49					1.08	0					1	20 A		SPARE	50
51	SPARE		20 A	1			0	0			1	20 A		SPARE	52
53	SPARE		20 A	1	0	0					1	20 A		SPARE	54
			Total Load:		3.3 kVA		4.3 kVA		0 kVA						
			Total Amps:		27 A		36 A		0 A						

FEEDER BREAKER NOTES:

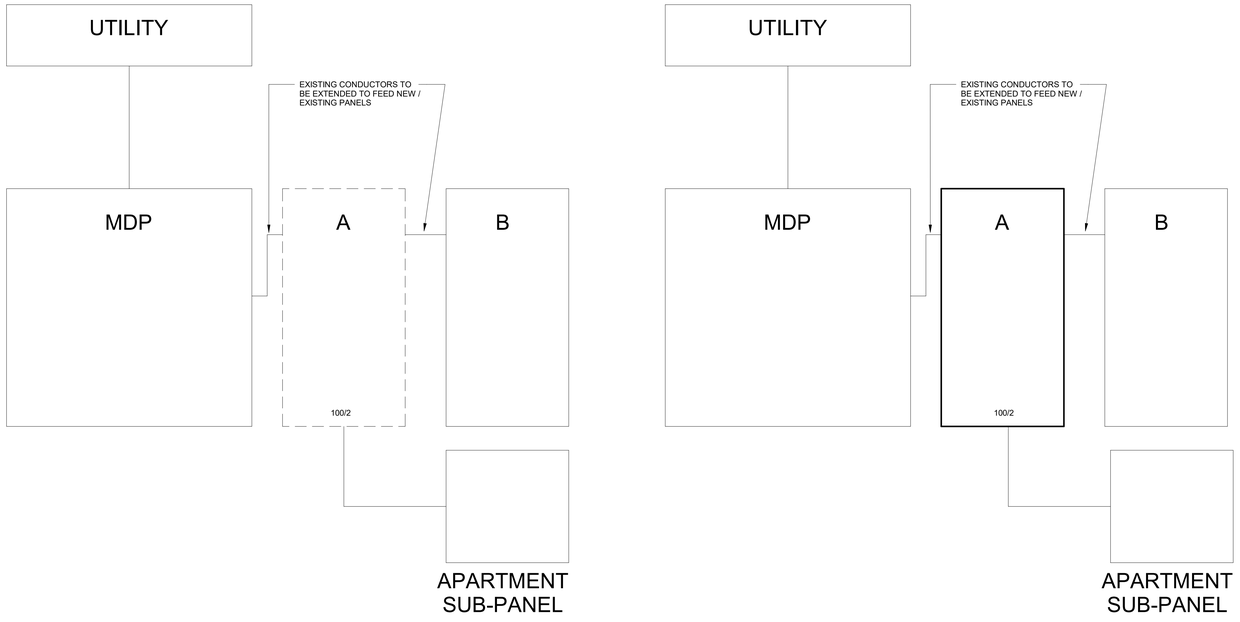
(G)	GROUND FAULT PROTECTION	(LN)	BREAKER LOCK IN ON POSITION
(M)	INTEGRAL METER	(LF)	BREAKER LOCK IN OFF POSITION
(S)	SURGE PROTECTION	(AF)	ARC FAULT PROTECTION
(ST)	SHUNT TRIP BREAKER	(G/AF)	COMBINATION GFCI/AFCI

ADJUSTABLE TRIP SETTINGS:

(IT)	INSTANTANEOUS SETTING
(LT)	LONG TERM SETTING
(ST)	SHORT TERM SETTING

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	2160 VA	125.00%	2700 VA		
Other	5236 VA	125.00%	6545 VA	**Total Conn. Load:**	8 kVA
Receptacle	180 VA	100.00%	180 VA	**Total Est. Demand:**	9 kVA
				Total Conn.:	32 A
				Total Est. Demand:	39 A

Notes: TOTAL ESTIMATED DEMAND SHOWS ONLY NEW LOADS ONLY.



1 / E202 CONCESSIONS ONE-LINE DEMO / NEW
SCALE: NONE

ELECTRICAL CONNECTION SCHEDULE

TAG	DESCRIPTION	LOCATION NO	LOCATION NAME	LOAD kVA	LOAD F.L.A.	LOAD M.C.A.	LOAD VOLT	LOAD PH	CIRCUITING INFORMATION OCP (Amps)	CIRCUITING INFORMATION WIRE SIZE & CONDUIT	CIRCUITING INFORMATION PANEL	CIRCUITING INFORMATION CIRCUIT #	STARTER TYPE	STARTER FURNISHED / INSTALLED	CONTROLLER TYPE	CONTROLLER FURNISHED / INSTALLED	DISCONNECT TYPE	DISCONNECT FURNISHED / INSTALLED	ACCESSORIES	NEMA TYPE/CONFIGURATION	POWER SOURCE TYPE NORMAL	POWER SOURCE TYPE LIFE SAFETY	POWER SOURCE TYPE LEGALLY REQUIRED	POWER SOURCE TYPE OPTIONAL STAND-BY	FOOT NOTES
EUH-1	ELECTRIC UNIT HEATER	100	WOMENS TR	2	8	10	240	1	20	#12,#12N,#12G-3/4"C	A	13,15	MAN	MF	TC	MF	NFS	MF			•				
EUH-2	ELECTRIC UNIT HEATER	101	MENS TR	2	8	10	240	1	20	#12,#12N,#12G-3/4"C	A	14,16	MAN	MF	TC	MF	NFS	MF			•				
F-1	FURNACE	104	STORAGE	1	10	13	120	1	15	#12,#12N,#12G-3/4"C	A	43	MAN	MF	TS	HC	NFS	EC			•				

STARTER TYPES:

2-SPD	TWO SPEED
CS	COMBINATION STARTER
ECM	ECM CONTROLLER
MAN	MANUAL SWITCH
FVNR	FULL VOLTAGE NON-REVERSING
FVR	FULL VOLTAGE REVERSING
RVS	REDUCED VOLTAGE
SS	SOFT STARTER
VFD	VARIABLE FREQUENCY DRIVE

CONTROL DEVICES:

0/0	ON-OFF SELECTOR SWITCH
BAS	BUILDING AUTOMATION SYSTEM
CT	CONTACTOR
ECP	EQUIPMENT CONTROL PANEL
HOA	HAND-OFF-AUTO SWITCH
PICS	PROCESS CONTROL SYSTEM
S/S	STOP-START PUSHBUTTONS
TC	TEMPERATURE CONTROLS
TS	TEMPERATURE SENSOR

DISCONNECT TYPES:

CB	CIRCUIT BREAKER
CF	COMBINATION FUSED
CN	COMBINATION NON-FUSED
FS	FUSED SWITCH
IU	INTEGRAL WITH UNIT
MCP	MOTOR CIRCUIT PROTECTOR
NFS	NON-FUSED SWITCH

ACCESSORIES:

AC	AUXILLIARY CONTACTS
GP	GREEN (POWER) PILOT LIGHT
RAG	RED, AMBER & GREEN PILOT LIGHTS
RG	RED & GREEN PILOT LIGHTS

ABBREVIATIONS:

EC	ELECTRICAL CONTRACTOR
GC	GENERAL CONTRACTOR
MC	MECHANICAL CONTRACTOR
MF	MANUFACTURER
S/S	STOP-START PUSHBUTTONS
TC	TEMPERATURE CONTROL
OT	OTHER CONTRACTOR
OWN	OWNER
PICS	PROCESS INTEGRATED CONTROL SYSTEM

GENERAL NOTES:
- ALL CONDUCTORS ARE COPPER. ALUMINIUM CONDUCTORS WILL HAVE A NOTATION OF (AL) NEXT TO WIRE SIZE.

FOOT NOTES:
(1) - ECM MOTOR.
(2) - INTERLOCK MOTOR WITH OCCUPANCY SENSOR.

MOTOR CONNECTION SCHEDULE

TAG	DESCRIPTION	LOCATION NO	LOCATION NAME	LOAD HP	LOAD kVA	LOAD F.L.A.	LOAD M.C.A.	LOAD VOLT	LOAD PH	CIRCUITING INFORMATION OCP (Amps)	CIRCUITING INFORMATION WIRE SIZE & CONDUIT	CIRCUITING INFORMATION PANEL	CIRCUITING INFORMATION CIRCUIT #	STARTER TYPE	STARTER FURNISHED / INSTALLED	CONTROLLER TYPE	CONTROLLER FURNISHED / INSTALLED	DISCONNECT TYPE	DISCONNECT FURNISHED / INSTALLED	ACCESSORIES	NEMA TYPE/CONFIGURATION	POWER SOURCE TYPE NORMAL	POWER SOURCE TYPE LIFE SAFETY	POWER SOURCE TYPE LEGALLY REQUIRED	POWER SOURCE TYPE OPTIONAL STAND-BY	FOOT NOTES
CU-1	AIR COOLED CONDENSING UNIT	-	EXTERIOR	0	2	9	11	240	1	20	2#12,#12N,#12G-3/4"C	A	47,49	MAN	MF	TS	MF	NFS	EC		3R	•				

STARTER TYPES:

2-SPD	TWO SPEED
CS	COMBINATION STARTER
ECM	ECM CONTROLLER
FVNR	FULL VOLTAGE NON-REVERSING
FVR	FULL VOLTAGE REVERSING
MAN	MANUAL SWITCH
RVS	REDUCED VOLTAGE
SS	SOFT STARTER
VFD	VARIABLE FREQUENCY DRIVE

CONTROL DEVICES:

0/0	ON-OFF SELECTOR SWITCH
BAS	BUILDING AUTOMATION SYSTEM
CT	CONTACTOR / RELAY
ECP	EQUIPMENT CONTROL PANEL
HOA	HAND-OFF-AUTO SWITCH
S/S	STOP-START PUSHBUTTONS
TC	TEMPERATURE CONTROLS
TS	TEMPERATURE / THERMOSTAT SENSOR

DISCONNECT TYPES:

CB	CIRCUIT BREAKER
CF	COMBINATION FUSED
CN	COMBINATION NON-FUSED
FS	FUSED SWITCH
IU	INTEGRAL WITH UNIT
MCP	MOTOR CIRCUIT PROTECTOR
NFS	NON-FUSED SWITCH
RP	RECEPTACLE / PLUG CONNECTION

ACCESSORIES:

AC	AUXILLIARY CONTACTS
GP	GREEN (POWER) PILOT LIGHT
RAG	RED, AMBER & GREEN PILOT LIGHTS
RG	RED & GREEN PILOT LIGHTS

ABBREVIATIONS:

EC	ELECTRICAL CONTRACTOR
GC	GENERAL CONTRACTOR
MC	MECHANICAL CONTRACTOR
MF	MANUFACTURER
TC	TEMPERATURE CONTROL
OT	OTHER CONTRACTOR
OWN	OWNER

GENERAL NOTES:
- ALL CONDUCTORS ARE COPPER. ALUMINIUM CONDUCTORS WILL HAVE A NOTATION OF (AL) NEXT TO WIRE SIZE.

FOOT NOTES:
(1)

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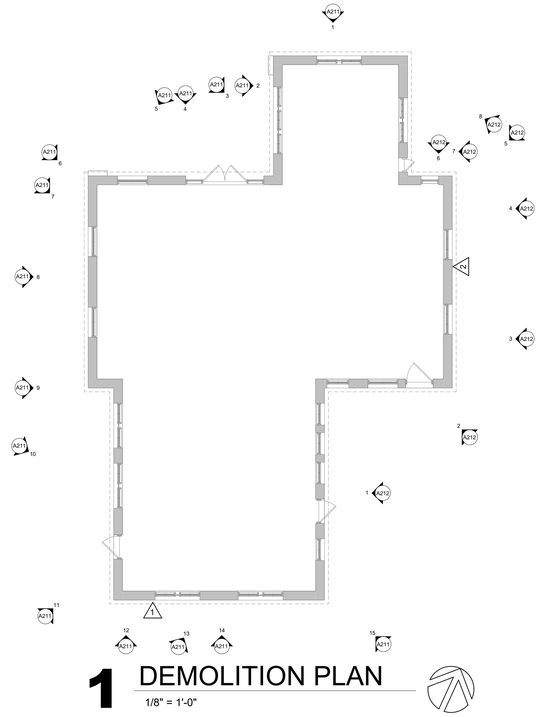
CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP CONCESSIONS BUILDING ONE-LINE AND SCHEDULES - ELECTRICAL

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	E202



1 DEMOLITION PLAN

1/8" = 1'-0"

DEMOLITION GENERAL NOTES - DLSP PARK HEADQUARTERS:

A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.

B. AT WALL TYPES/MATERIALS: PREPARATION FOR NEW FINISHES SHALL INCLUDE, BUT NOT BE LIMITED TO REMOVAL OF EXISTING FINISHES, TAPES, GLUES/MASTIC, NAILS AND RELATED ITEMS. PATCHING OF HOLES, INDENTATIONS AND CRACKS FOR AN ACCEPTABLE SURFACE FOR NEW FINISH INSTALLATION.

C. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.

D. MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING.

E. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.

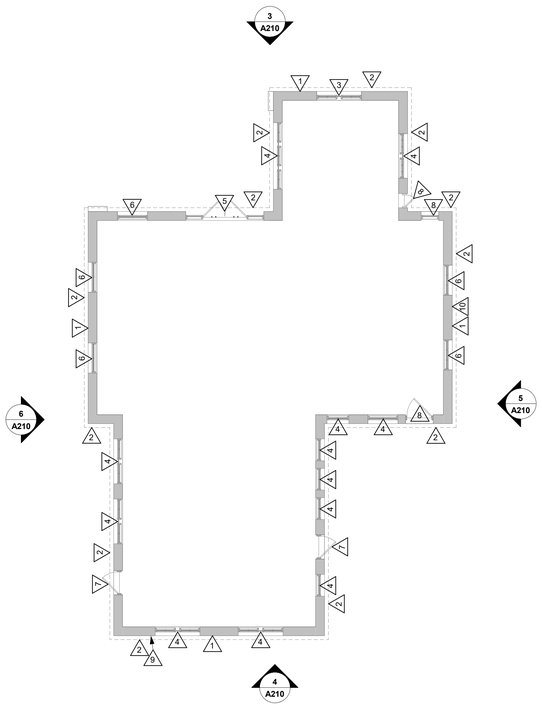
DEMOLITION PLAN LEGEND - DLSP PARK HEADQUARTERS:

△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMOVE ITEMS NOTED WITH DASHED LINES

DEMOLITION KEY NOTES - DLSP PARK HEADQUARTERS

1	REMOVE EXISTING HINGE DOOR UP HIGH IN GABLE END OF WALL - SEE SITE PHOTO.
2	REMOVE EXISTING PLYWOOD UP HIGH IN GABLE END OF WALL - SEE SITE PHOTO.



2 REMODEL PLAN

1/8" = 1'-0"

REMODEL GENERAL NOTES - DLSP PARK HEADQUARTERS:

A. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

C. SEE SPEC SECTION 06 30 00 FOR ALL WOOD SCRAPING AND REPAIRING/PATCHING.

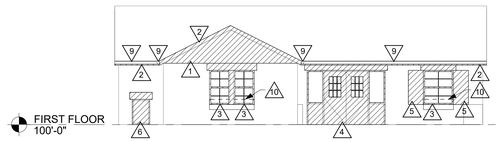
D. SEE SPEC SECTION 09 91 13 FOR EXTERIOR PRIMING AND PAINTING.

REMODEL LEGEND - DLSP PARK HEADQUARTERS:

△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

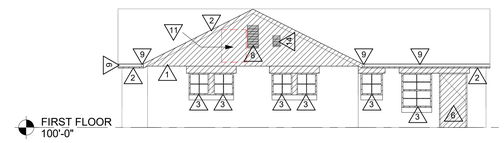
REMODEL KEY NOTES - DLSP PARK HEADQUARTERS

1	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD SIDING.
2	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD FASCIA AND SOFFIT.
3	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WINDOWS, WOOD TIMBER LINTEL AND FLOWER BOX SILL. APPLY SEALANT AROUND PERIMETER.
4	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WINDOWS, AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
5	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING DOOR & FRAME, WOOD TIMBER LINTEL AND SIDELITE KNEE WALLS. APPLY SEALANT AROUND PERIMETER.
6	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WINDOWS, WOOD TIMBER LINTEL AND WOOD SHUTTERS. APPLY SEALANT AROUND PERIMETER.
7	SCRAPE, PATCH, PRIME AND PAINT EXISTING HOLLOW METAL DOOR & FRAME AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
8	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD DOOR & FRAME AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
9	PROVIDE NEW STUD FRAMING IN EXISTING DOOR OPENING AND PROVIDE NEW VERTICAL WOOD SIDING AND BATTEN STRIPS TO MATCH EXISTING - PRIME AND PAINT.
10	REPAIR/PATCH EXISTING WOOD SIDING AND BATTEN STRIPS AT REMOVED PLYWOOD.



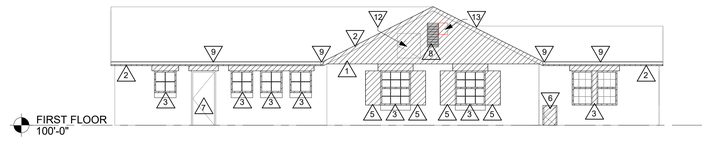
3 NORTH ELEVATION

1/8" = 1'-0"



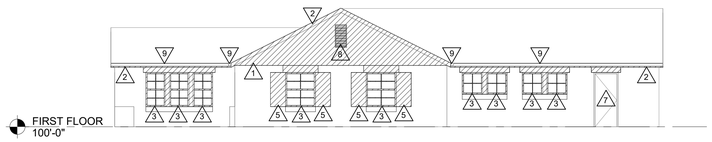
4 SOUTH ELEVATION

1/8" = 1'-0"



5 EAST ELEVATION

1/8" = 1'-0"



6 WEST ELEVATION

1/8" = 1'-0"

ELEVATION GENERAL NOTES - DLSP PARK HEADQUARTERS:

A. SEE SPECIFICATION FOR MATERIAL TYPE.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

C. SEE SPEC SECTION 06 30 00 FOR ALL WOOD SCRAPING AND REPAIRING/PATCHING.

D. SEE SPEC SECTION 09 91 13 FOR EXTERIOR PRIMING AND PAINTING.

ELEVATION LEGEND - DLSP PARK HEADQUARTERS:

1 KEYNOTE TAG

WOOD FINISH

ELEVATION KEY NOTES - DLSP PARK HEADQUARTERS

1	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WOOD SIDING.
2	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WOOD FASCIA AND SOFFIT.
3	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WINDOWS, AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
4	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING DOOR & FRAME, WOOD TIMBER LINTEL AND SIDELITE KNEE WALLS. APPLY SEALANT AROUND PERIMETER.
5	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WOOD SHUTTERS.
6	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WOOD DOOR & FRAME AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
7	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING HOLLOW METAL DOOR & FRAME AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
8	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WOOD WALL LOUVER. APPLY SEALANT AROUND PERIMETER.
9	EXISTING METAL GUTTER AND DOWNSPOUT TO REMAIN.
10	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WOOD FLOWER BOX.
11	PROVIDE NEW STUD FRAMING IN EXISTING DOOR OPENING AND PROVIDE NEW VERTICAL WOOD SIDING AND BATTEN STRIPS TO MATCH EXISTING - PRIME AND PAINT.
12	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING ACCESS DOOR. REMOVE EXISTING HINGES AND PROVIDE NEW.
13	REPAIR/PATCH EXISTING WOOD SIDING AND BATTEN STRIPS AT REMOVED PLYWOOD.
14	SCRAPE, PRIME, AND PAINT EXISTING METAL WALL LOUVER. APPLY SEALANT AROUND PERIMETER.

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP PARK HEADQUARTERS PLANS AND ELEVATIONS

Revisions:

No.	Date:	Description:

Graphic Scale	0' 2' 4' 8' 12'
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A210

SITE PHOTO KEY NOTES - DLSP PARK HEADQUARTERS

1	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WOOD SIDING.
2	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WOOD FASCIA AND SOFFIT.
3	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WINDOWS. APPLY SEALANT AROUND PERIMETER.
4	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD TIMBER LINTEL.
5	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING DOOR & FRAME, WOOD TIMBER LINTEL AND SIDELITE KNEE WALLS. APPLY SEALANT AROUND PERIMETER.
6	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WOOD SHUTTERS - EACH SIDE OF WINDOW.
7	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WOOD DOOR & FRAME. APPLY SEALANT AROUND PERIMETER.
8	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING HOLLOW METAL DOOR & FRAME. APPLY SEALANT AROUND PERIMETER
9	EXISTING METAL GUTTER AND DOWNSPOUT TO REMAIN.
10	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD FLOWER BOX.
11	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WOOD WALL LOUVER. APPLY SEALANT AROUND PERIMETER.
12	REMOVE EXISTING WOOD BATTEN STRIPS AND INSTALL NEW BATTEN STRIPS TO MATCH EXISTING - PRIME AND PAINT.
13	SCRAPE, PRIME, AND PAINT EXISTING METAL WALL LOUVER. APPLY SEALANT AROUND PERIMETER.
14	REMOVE EXISTING ACCESS DOOR AND HARDWARE, AND VERTICAL WOOD SIDING AND BATTEN STRIPS ABOVE AND BELOW DOOR. PROVIDE NEW STUD FRAMING IN EXISTING DOOR OPENING AND PROVIDE NEW VERTICAL WOOD SIDING AND BATTEN STRIPS TO MATCH EXISTING - PRIME AND PAINT.
15	REMOVE EXISTING WOOD SILL AND VERTICAL TRIM BOARD AT LOUVER AND PROVIDE NEW TO MATCH EXISTING - PRIME AND PAINT.
16	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING ACCESS DOOR. REMOVE EXISTING HINGES AND PROVIDE NEW.
17	REMOVE EXISTING WOOD SILL AT LOUVER AND PROVIDE NEW TO MATCH EXISTING - PRIME AND PAINT.
18	REMOVE EXISTING PLYWOOD AND REPAIR/PATCH EXISTING WOOD SIDING AND BATTEN STRIPS.
19	REMOVE EXISTING WOOD SILL AND VERTICAL WOOD FRAME AT EXISTING WOOD DOOR AND PROVIDE NEW TO MATCH EXISTING - PRIME AND PAINT.
20	REMOVE EXISTING SIGNAGE AND REATTACHED AFTER NEW PAINTING WORK IS COMPLETE.

1 SITE PHOTO

2 SITE PHOTO

3 SITE PHOTO

4 SITE PHOTO

5 SITE PHOTO

6 SITE PHOTO

7 SITE PHOTO

8 SITE PHOTO

9 SITE PHOTO

10 SITE PHOTO

11 SITE PHOTO

12 SITE PHOTO

13 SITE PHOTO

14 SITE PHOTO

15 SITE PHOTO

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DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP PARK HEADQUARTERS SITE PHOTOS

Revisions:

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Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A211

SITE PHOTO KEY NOTES - DLSP PARK HEADQUARTERS

1	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WOOD SIDING.
2	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WOOD FASCIA AND SOFFIT.
3	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WINDOWS. APPLY SEALANT AROUND PERIMETER.
4	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD TIMBER LINTEL.
5	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING DOOR & FRAME, WOOD TIMBER LINTEL AND SIDELITE KNEE WALLS. APPLY SEALANT AROUND PERIMETER.
6	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WOOD SHUTTERS - EACH SIDE OF WINDOW.
7	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WOOD DOOR & FRAME. APPLY SEALANT AROUND PERIMETER.
8	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING HOLLOW METAL DOOR & FRAME. APPLY SEALANT AROUND PERIMETER
9	EXISTING METAL GUTTER AND DOWNSPOUT TO REMAIN.
10	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD FLOWER BOX.
11	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WOOD WALL LOUVER. APPLY SEALANT AROUND PERIMETER.
12	REMOVE EXISTING WOOD BATTEN STRIPS AND INSTALL NEW BATTEN STRIPS TO MATCH EXISTING - PRIME AND PAINT.
13	SCRAPE, PRIME, AND PAINT EXISTING METAL WALL LOUVER. APPLY SEALANT AROUND PERIMETER.
14	REMOVE EXISTING ACCESS DOOR AND HARDWARE, AND VERTICAL WOOD SIDING AND BATTEN STRIPS ABOVE AND BELOW DOOR. PROVIDE NEW STUD FRAMING IN EXISTING DOOR OPENING AND PROVIDE NEW VERTICAL WOOD SIDING AND BATTEN STRIPS TO MATCH EXISTING - PRIME AND PAINT.
15	REMOVE EXISTING WOOD SILL AND VERTICAL TRIM BOARD AT LOUVER AND PROVIDE NEW TO MATCH EXISTING - PRIME AND PAINT.
16	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING ACCESS DOOR. REMOVE EXISTING HINGES AND PROVIDE NEW.
17	REMOVE EXISTING WOOD SILL AT LOUVER AND PROVIDE NEW TO MATCH EXISTING - PRIME AND PAINT.
18	REMOVE EXISTING PLYWOOD AND REPAIR/PATCH EXISTING WOOD SIDING AND BATTEN STRIPS.
19	REMOVE EXISTING WOOD SILL AND VERTICAL WOOD FRAME AT EXISTING WOOD DOOR AND PROVIDE NEW TO MATCH EXISTING - PRIME AND PAINT.
20	REMOVE EXISTING SIGNAGE AND REATTACHED AFTER NEW PAINTING WORK IS COMPLETE.

1 SITE PHOTO

2 SITE PHOTO

3 SITE PHOTO

4 SITE PHOTO

5 SITE PHOTO

6 SITE PHOTO

7 SITE PHOTO

8 SITE PHOTO

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP PARK HEADQUARTERS SITE PHOTOS

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No.	Date:	Description:

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DFD Number	24B2B
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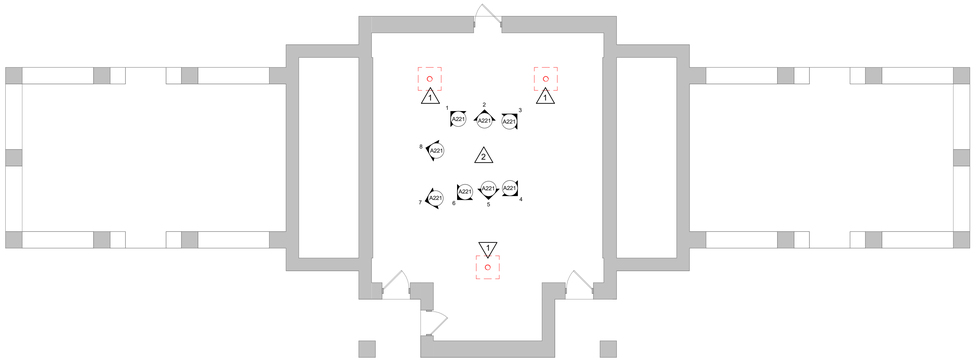


1 DEMOLITION PLAN

1/8" = 1'-0"

DEMOLITION GENERAL NOTES - DLSP ROCK ELM SHELTER 1054:

A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.

B. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.

C. MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING.

D. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.

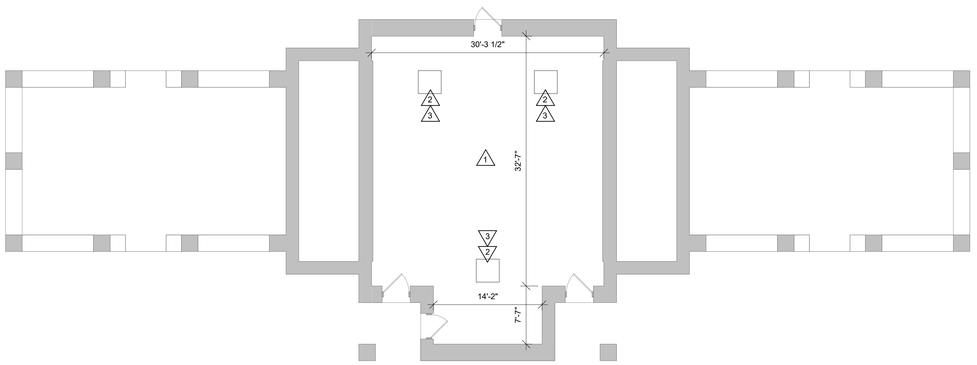
DEMOLITION PLAN LEGEND - DLSP ROCK ELM SHELTER 1054:

△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

— — REMOVE ITEMS NOTED WITH DASHED LINES

DEMOLITION KEY NOTES - DLSP ROCK ELM SHELTER 1054

1	SAW CUT EXISTING CONCRETE SLAB FOR FLOOR DRAIN REMOVAL. FLOOR DRAIN TO BE REMOVED BY PLUMBING. SAW CUT PERIMETER OF AREA TO RECEIVE LEVELING REPAIR OVERLAYMENT TO ACHIEVE 1/4" MINIMUM DEPTH OF OVERLAYMENT MATERIAL. SCARIFY BONDING SURFACE FOR REPAIR OVERLAYMENT.
2	REMOVE EXISTING EPOXY FLOOR FINISH AND PREP SUFRACE FOR NEW FLUID APPLIED FLOORING.



2 REMODEL PLAN

1/8" = 1'-0"

REMODEL GENERAL NOTES - DLSP ROCK ELM SHELTER 1054:

A. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

REMODEL LEGEND - DLSP ROCK ELM SHELTER 1054:

△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMODEL KEY NOTES - DLSP ROCK ELM SHELTER 1054

1	PROVIDE NEW FLOOR REPAIR OVERLAYMENT PER SPEC SECTION 03 30 00 OVER EXISTING SLAB TO CREATE A LEVEL FLOOR. PROVIDE NEW EPOXY FLOOR OVER EXISTING CONCRETE SLAB AND NEW FLOOR LEVELER.
2	PATCH EXISTING CONCRETE SLAB WITH NEW CONCRETE SLAB - DOWEL NEW SLAB INTO EXISTING SLAB. DOWELS TO BE 12" LONG #4 BARS @ 12" O.C. WITH 6" EMBEDDMENT IN EXISTING SLAB.
3	INFILL SLAB AT REMOVED PLUMBING ITEMS USING CONCRTE PRODUCT APPROVED FOR THE DEPTH OF FILL. IF MATERIAL IS NOT REPAIR OVERLAYMENT, FINISH LEVEL WITH ADJACENT SCARIFIED SURFACE.

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
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DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP ROCK ELM SHELTER 1054 PLANS

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Date Issued	10/07/2025
Sheet Number	A220

SITE PHOTO KEY NOTES - DLSP ROCK ELM SHELTER 1054

1	SAW CUT EXISTING CONCRETE SLAB FOR FLOOR DRAIN REMOVAL. FLOOR DRAIN TO BE REMOVED BY PLUMBING. SAW CUT PERIMETER OF AREA TO RECEIVE LEVELING REPAIR OVERLAYMENT TO ACHIEVE 1/4" MINIMUM DEPTH OF OVERLAYMENT MATERIAL. SCARIFY BONDING SURFACE FOR REPAIR OVERLAYMENT. PATCH EXISTING CONCRETE SLAB WITH NEW CONCRETE SLAB - DOWEL NEW SLAB INTO EXISTING SLAB. DOWELS TO BE 12" LONG #4 BARS @ 12" O.C. WITH 6" EMBEDDMENT IN EXISTING SLAB. INFILL SLAB AT REMOVED PLUMBING ITEMS USING CONCRTE PRODUCT APPROVED FOR THE DEPTH OF FILL. IF MATERIAL IS NOT REPAIR OVERLAYMENT, FINISH LEVEL WITH ADJACENT SCARIFIED SURFACE.
2	REMOVE EXISTING EPOXY FLOOR FINISH AND PREP SUFRACE FOR NEW FLUID APPLIED FLOORING. PROVIDE NEW FLOOR REPAIR OVERLAYMENT PER SPEC SECTION 03 30 00 OVER EXISTING SLAB TO CREATE A LEVEL FLOOR. PROVIDE NEW EPOXY FLOOR OVER EXISTING CONCRETE SLAB AND NEW FLOOR LEVELER.

1 SITE PHOTO

2 SITE PHOTO

3 SITE PHOTO

4 SITE PHOTO

5 SITE PHOTO

6 SITE PHOTO

7 SITE PHOTO

8 SITE PHOTO

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DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP ROCK ELM SHELTER 1054 SITE PHOTOS

Revisions:

No.	Date:	Description:

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Sheet Number	A221

INTERIOR GENERAL NOTES - DLSP ROCK ELM SHELTER 1054:

A. REFER TO MASTER COLOR SCHEDULE FOR MATERIAL FINISH SPECIFICATIONS, ANNOTATIONS, AND ADDITIONAL INFORMATION.

B. AT DISSIMILAR FLOORING FINISHES, SET JOINT OF MATERIALS AT CENTER OF DOOR. TRANSITIONS TO BE ADA COMPLIANT.

INTERIOR FINISH KEY PLAN - DLSP ROCK ELM SHELTER 1054:

X — SEE ROOM FINISH REMARKS

XXX — WALL BASE

PT-X — ACCENT PAINT

INTERIOR FINISH LEGEND - DLSP ROCK ELM SHELTER 1054:

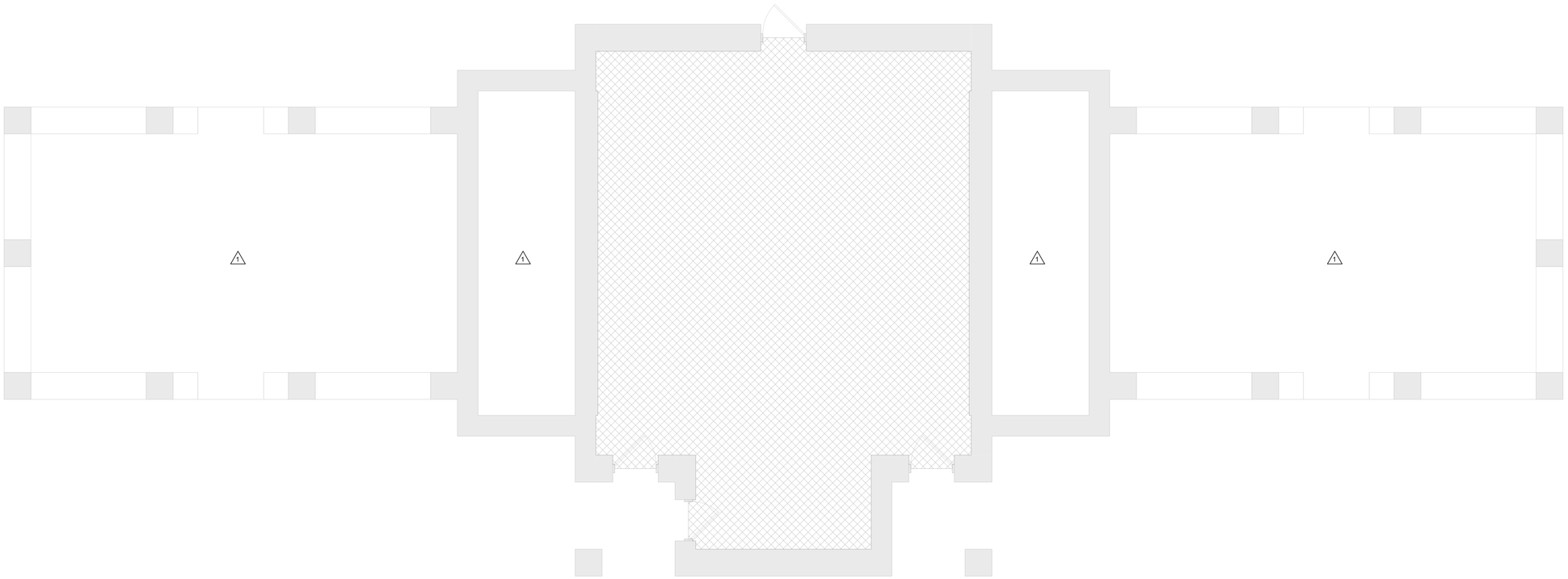
FAF-1

ROOM FINISH REMARKS-DLSP ROCK ELM SHELTER 1054

1	NO WORK.

MASTER COLOR SCHEDULE - DLSP ROCK ELM SHELTER 1054

MANUFACTURER / COLOR		GENERAL LOCATION	REMARKS
09 67 00 FLUID APPLIED FLOORING			
FAF-1 (Fluid Applied Flooring)	Manufactuer: Sherwin Williams Product: 1/4" Resuflor Deco Flake BC Color: Velvet Feather		Comparable Products by Approval



1 SHELTER BUILDING 1054 "ROCK ELM" - FINISH FLOOR PLAN

1/4" = 1'-0"

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STATEWIDE, WISCONSIN

Sheet Title:
DLSP ROCK ELM SHELTER 1054

Revisions:

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Sheet Number	ID220

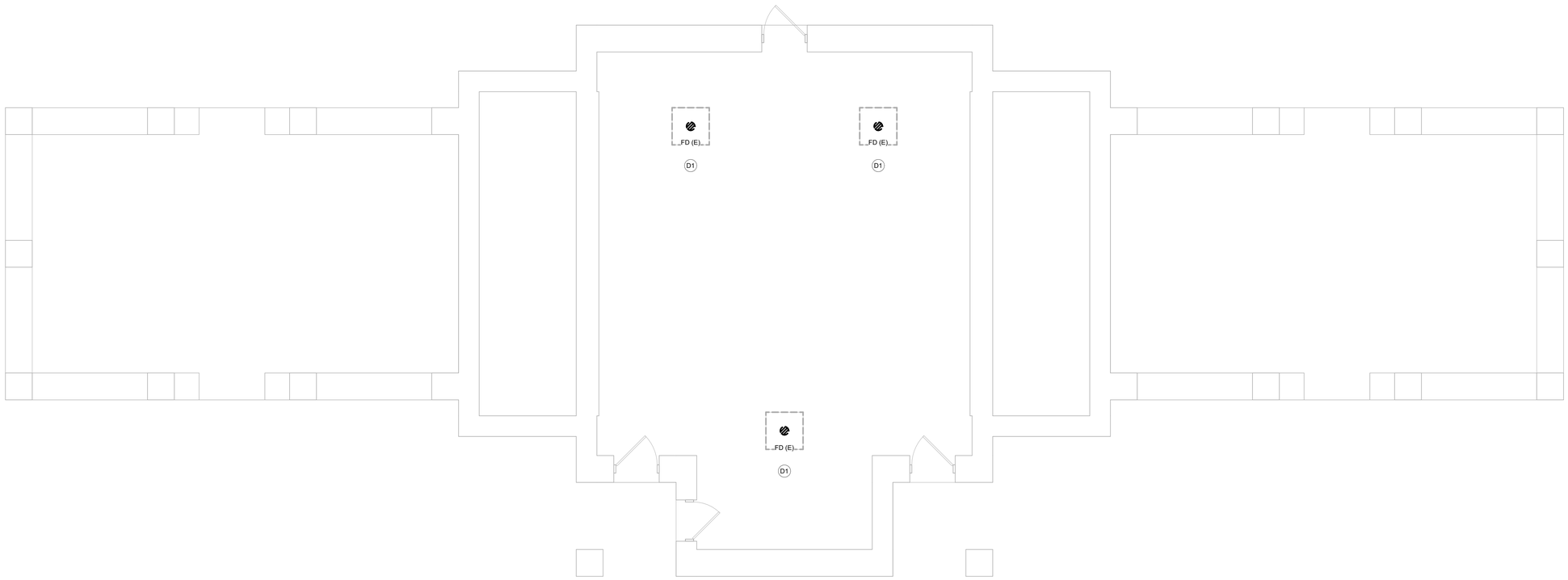
GENERAL NOTES:

1. PC SHALL VISIT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO CONSTRUCTION. PC SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK.
2. PC SHALL MAINTAIN AND PROTECT ALL EXISTING PIPING AND FIXTURES THAT ARE TO REMAIN DURING CONSTRUCTION.
3. IF A DEAD END IS CREATED IN THE REMOVAL OF ANY PART OF A DRAIN SYSTEM, ALL OPENINGS IN THE DRAIN SHALL BE PROPERLY SEALED.
4. THE PLUMBING CONTRACTOR SHALL FIELD VERIFY NO DEAD ENDS IN WATER DISTRIBUTION SYSTEM EXCEEDING A DEVELOPED LENGTH NO MORE THAN TWO FEET (2') SHALL REMAIN.

DEMOLITION KEYED NOTES

(KEYED NOTES PER PROJECT)

D1 GPC CUT AND REMOVE EXISTING FLOOR TO ALLOW FOR DEMOLITION OF EXISTING FLOOR DRAIN. PC TO DEMOLISH EXISTING FLOOR DRAIN AND ALL ASSOCIATED PIPING TO BELOW FLOOR AND CAP. GPC TO PATCH FLOOR TO MATCH EXISTING.



1 P220 ROCK ELM SHELTER 1054 - DEMOLITION

0 2' 4' 8'

EXISTING CONDITIONS ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR THE EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

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Department of Administration
Division of Facilities Development

SAUK, COLUMBIA, & JUNEAU COUNTIES

CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA, & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP ROCK ELM SHELTER 1054 DEMOLITION PLANS - PLUMBING

Revisions:

No.	Date:	Description:

Graphic Scale	SEE PLANS
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	P220

DEMOLITION GENERAL NOTES - DLSP SHELTER 1025:

A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.

B. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.

C. MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING.

D. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.

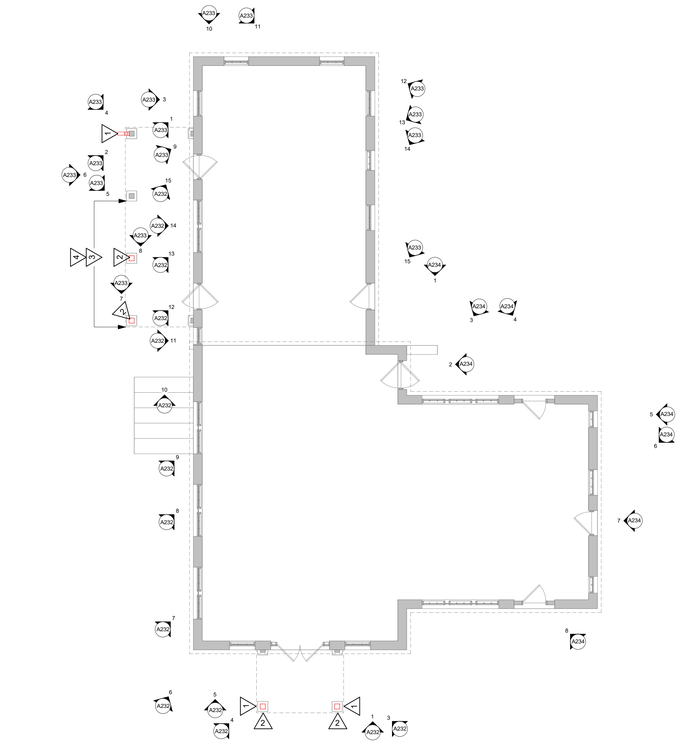
DEMOLITION PLAN LEGEND - DLSP SHELTER 1025:

△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

— — REMOVE ITEMS NOTED WITH DASHED LINES

DEMOLITION KEY NOTES - DLSP SHELTER 1025

1	REMOVE EXISTING METAL DOWNSPOUT.
2	REMOVE EXISTING 8"x8" TIMBER POST.
3	REMOVE EXISTING WOOD RAFTERS - SEE ROOF PLAN AND SITE PHOTOS.
4	REMOVE AND SALVAGE EXISTING FASCIA AND BATTEN STRIPS UNDERNEATH CANOPY FOR REPLACEMENT OF EXISTING WOOD RAFTERS.



1 DEMOLITION PLAN

1/8" = 1'-0"

REMODEL GENERAL NOTES - DLSP SHELTER 1025:

A. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

C. SEE SPEC SECTION 06 30 00 FOR ALL WOOD SCRAPING AND REPAIRING/PATCHING.

D. SEE SPEC SECTION 09 91 13 FOR EXTERIOR PRIMING AND PAINTING.

REMODEL LEGEND - DLSP SHELTER 1025:

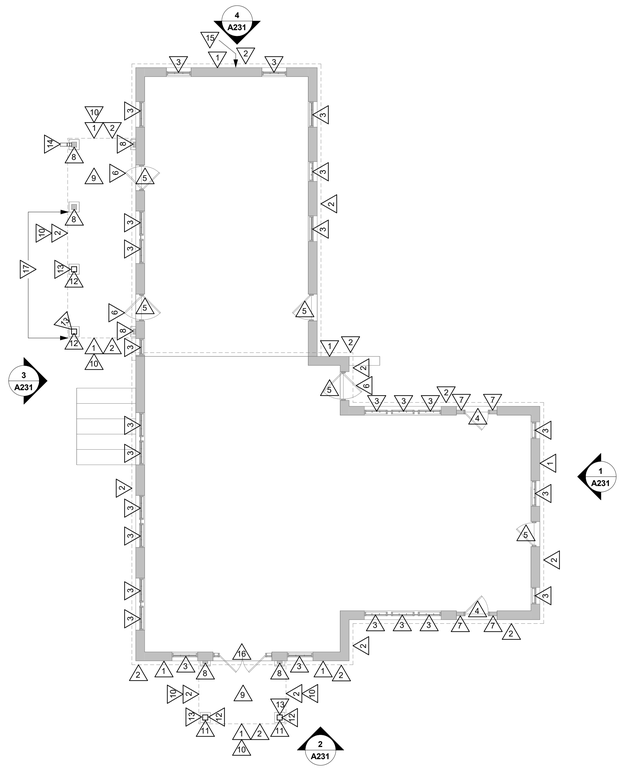
△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMODEL KEY NOTES - DLSP SHELTER 1025

1	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD SIDING AND BATTEN STRIPS.
2	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD FASCIA AND SOFFIT.
3	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WINDOWS, AND WOOD TIMBER LINTEL.
4	SCRAPE, PATCH, PRIME AND PAINT EXISTING HOLLOW METAL DOOR & FRAME AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
5	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD DOOR & FRAME AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
6	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD SCREEN DOOR.
7	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD WALL INFILL.
8	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD TIMBER POST.
9	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD CANOPY SOFFIT AND BATTEN STRIPS.
10	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD TIMBER CANOPY BEAM.
11	INSTALL NEW 3"x2" METAL DOWNSPOUT, ATTACH NEW DOWNSPOUT TO EXISTING GUTTER AND EXTEND TO GRADE.
12	INSTALL NEW 8"x8" TREATED WOOD TIMBER POST - PRIME AND PAINT. SEE DETAIL 5A231.
13	REPOINT EXISTING STONE PIER AND REPAIR EXISTING STONE CAP.
14	INSTALL NEW 3"x2" METAL DOWNSPOUT. ATTACH NEW GUTTER AND EXTEND TO GRADE.
15	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING ACCESS DOOR AND BATTEN STRIPS UP HIGH ON WALL.
16	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD DOOR & FRAME, WOOD TIMBER LINTEL, AND SIDELITE KNEE WALLS. APPLY SEALANT AROUND PERIMETER.
17	REINSTALL EXISTING SOFFIT AND BATTEN STRIPS AFTER NEW RAFTERS ARE INSTALLED. SCRAPE, REPAIR/PATCH, PRIME AND PAINT REINSTALLED WOOD SOFFIT AND BATTEN STRIPS.

LEAD-BASED PAINT NOTE - DLSP SHELTER 1025:

THE STATE, UNDER A SEPARATE CONTRACT, WILL PROVIDE CONTAINERS FOR LEAD-BASED PAINT DEBRIS (PAINT CHIPS) CREATED BY RENOVATION AND WILL DISPOSE OF CONTAINERS AT PROJECT COMPLETION. GPC SHALL COORDINATE DELIVERY AND COLLECTION OF CONTAINERS USING THE STATES HAZARDOUS WASTE SERVICE. REFER TO DIVISION 1 GENERAL REQUIREMENTS, ARTICLE 32. REFER TO DIVISION 1 GENERAL REQUIREMENTS, ARTICLE 5 FOR REGULATORY REQUIREMENTS, MATERIAL SAMPLE RESULTS, AND CONTRACTOR RESPONSIBILITIES.



2 REMODEL PLAN

1/8" = 1'-0"

ROOF GENERAL NOTES - DLSP SHELTER 1025:

A. VERIFY ROOF EQUIPMENT AND PENETRATIONS WITH ALL TRADES. EQUIPMENT SHOWN IS GRAPHIC ONLY.

B. ROOF PENETRATIONS FOR DRAINS, VENTS, ETC. SHALL BE COMPLETED AS PER CURRENT SMACNA REQUIREMENTS AND THE ROOF MANUFACTURERS APPROVED DETAILS FOR WARRANTY SATISFACTION. COORDINATE QUANTITY AND LOCATIONS WITH MEP CONTRACTOR. PROVIDE CURBS WHERE REQUIRED.

C. ALL METAL ROOF AND FLASHING, SHALL MEET CURRENT SMACNA REQUIREMENTS AND MANUFACTURER'S SPECIFIED WARRANTY.

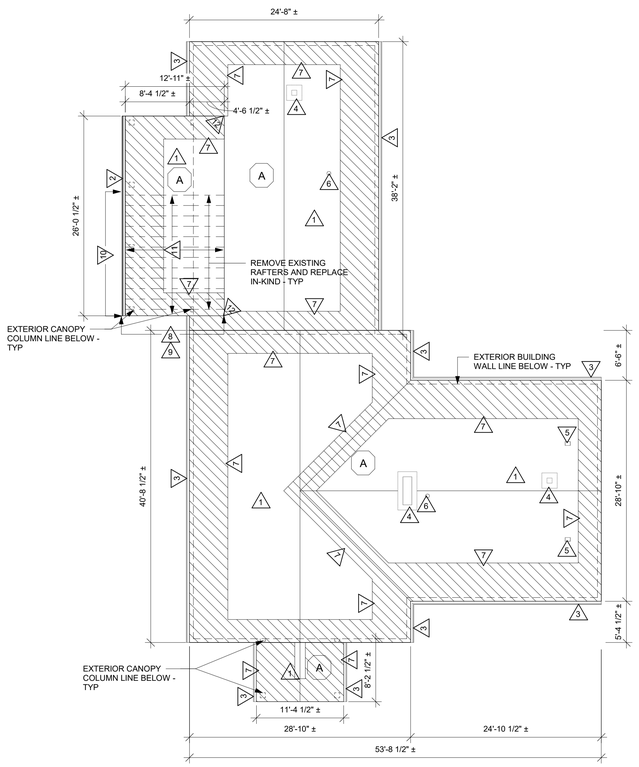
D. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

ROOF SYSTEM DESCRIPTIONS - DLSP SHELTER 1025:

A NEW ASPHALT SHINGLES OVER NEW UNDERLAYMENT OVER EXISTING SHEATHING ON EXISTING WOOD TRUSSES/RAFTERS.

ROOF KEY NOTES - DLSP SHELTER 1025

1	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAILS 8, 9 & 13A231.
2	REMOVE EXISTING METAL GUTTER SYSTEM AND PROVIDE NEW METAL GUTTER SYSTEM.
3	EXISTING METAL GUTTER SYSTEM TO REMAIN. APPLY SEALANT AROUND PERIMETER
4	EXISTING STONE CHIMNEY TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 11A231.
5	EXISTING ROOF VENT TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 10A231.
6	EXISTING PIPE PENETRATION TO REMAIN. REMOVE EXISTING FLASHING AND PROVIDE NEW. SEE DETAIL 12A231.
7	AT DIAGONAL HATCHED AREA, PROVIDE ICE AND WATER PROTECTION MEMBRANE.
8	REMOVE AND SALVAGE EXISTING WOOD FASCIA AND SOFFIT FOR INSTALLATION OF NEW WOOD RAFTERS. REINSTALL SALVAGED WOOD FASCIA AND SOFFIT.
9	REMOVE AND SALVAGE EXISTING WOOD SIDING AND BATTEN STRIPS FOR INSTALLATION OF NEW WOOD RAFTERS. REINSTALL SALVAGE WOOD SIDING AND BATTEN STRIPS
10	REMOVE EXISTING WOOD FASCIA AND SOFFIT FOR INSTALLATION OF NEW WOOD RAFTERS. PROVIDE NEW WOOD FASCIA AND SOFFIT TO MATCH EXISTING AFTER NEW RAFTERS ARE INSTALLED.
11	REMOVE EXISTING ROOF SHEATHING TO REPLACE DAMAGED WOOD ROOF RAFTERS. PROVIDE NEW SHEATHING OVER NEW WOOD ROOF RAFTERS. - MATCH EXISTING SHEATHING THICKNESS. PROVIDE NEW UNDERLAYMENT OVER SHEATHING AND PROVIDE NEW ASPHALT SHINGLES.
12	PROVIDE 22 GA SHEET METAL AT CANOPY ROOF TO WHERE EXISTING FASCIA BOARD MEETS EXISTING ROOF SHEATHING. INSTALL BENEATH SHINGLES AND ROOF EDGE FLASHING.



3 ROOF PLAN

1/8" = 1'-0"

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STATEWIDE, WISCONSIN

Sheet Title: DLSP SHELTER 1025 PLANS

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No.	Date:	Description:

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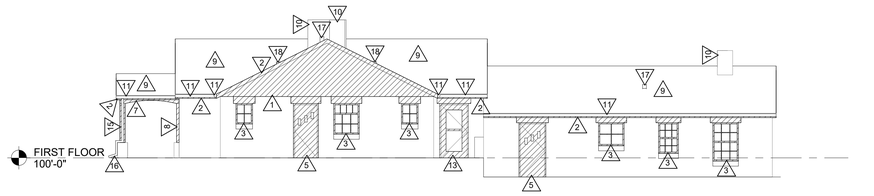
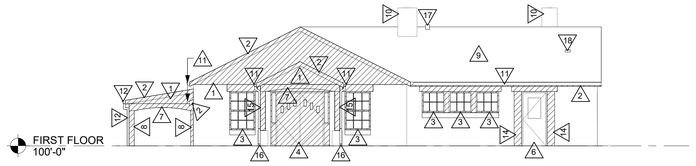


1 EAST ELEVATION

1/8" = 1'-0"

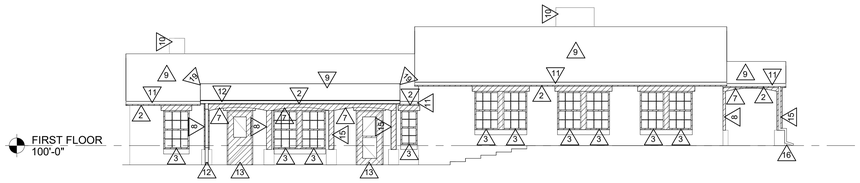
0' 2' 4' 8' 12'



2 SOUTH ELEVATION

1/8" = 1'-0"

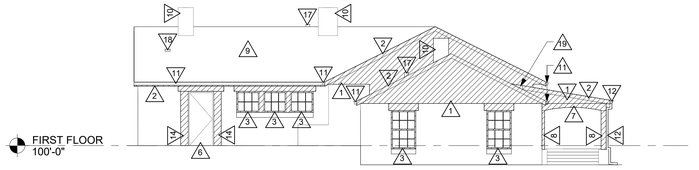
0' 2' 4' 8' 12'



3 WEST ELEVATION

1/8" = 1'-0"

0' 2' 4' 8' 12'



4 NORTH ELEVATION

1/8" = 1'-0"

0' 2' 4' 8' 12'

ELEVATION GENERAL NOTES - DLSP SHELTER 1025:

A. SEE SPECIFICATION FOR MATERIAL TYPE.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

C. SEE SPEC SECTION 06 30 00 FOR ALL WOOD SCRAPING AND REPAIRING/PATCHING.

D. SEE SPEC SECTION 09 91 13 FOR EXTERIOR PRIMING AND PAINTING.

ELEVATION LEGEND - DLSP SHELTER 1025:

1 KEYNOTE TAG

WOOD FINISH

ELEVATION KEY NOTES - DLSP SHELTER 1025

1	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD SIDING.
2	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD FASCIA AND SOFFIT.
3	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WINDOWS, AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
4	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING DOOR & FRAME, WOOD TIMBER LINTEL AND SIDELITE KNEE WALLS. APPLY SEALANT AROUND PERIMETER.
5	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD DOOR & FRAME AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
6	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING HOLLOW METAL DOOR & FRAME AND WOOD TIMBER LINTEL APPLY SEALANT AROUND PERIMETER.
7	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD TIMBER CANOPY BEAM.
8	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD TIMBER POST.
9	PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT, AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAILS 8.9 & 13A231.
10	EXISTING STONE CHIMNEY TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 11A231.
11	EXISTING METAL GUTTER AND DOWNSPOUT TO REMAIN.
12	PROVIDE NEW METAL GUTTER AND DOWNSPOUT SYSTEM.
13	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD DOOR, FRAME, WOOD SCREEN DOOR AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
14	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD WALL INFILL.
15	PROVIDE NEW 8" X 8" TREATED WOOD TIMBER POST - PRIME AND PAINT. SEE DETAIL 5A231.
16	PROVIDE NEW 3"x2" METAL DOWNSPOUT. ATTACH NEW DOWNSPOUT TO EXISTING GUTTER AND EXTEND TO GRADE.
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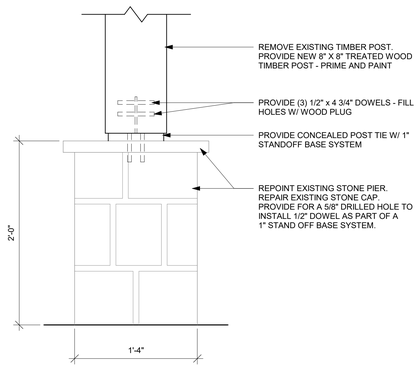
STATEWIDE, WISCONSIN

Sheet Title:
DLSP SHELTER 1025 ELEVATIONS AND DETAILS

Revisions:

No.	Date:	Description:

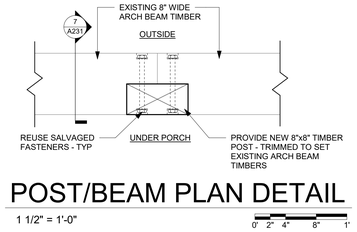
Graphic Scale	VARIES
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A231



5 POST/BASE DETAIL

1 1/2" = 1'-0"

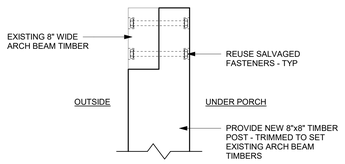
0' 2" 4" 8" 1'



6 POST/BEAM PLAN DETAIL

1 1/2" = 1'-0"

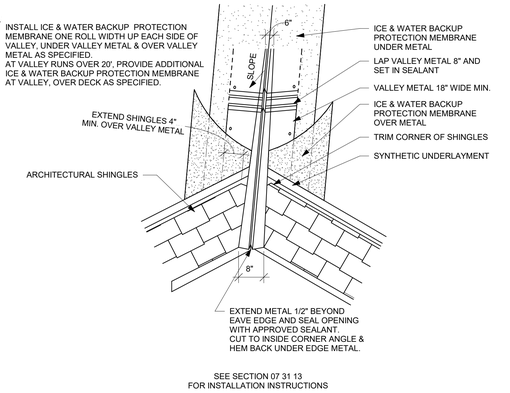
0' 2" 4" 8" 1'



7 POST/BEAM SECTION DETAIL

1 1/2" = 1'-0"

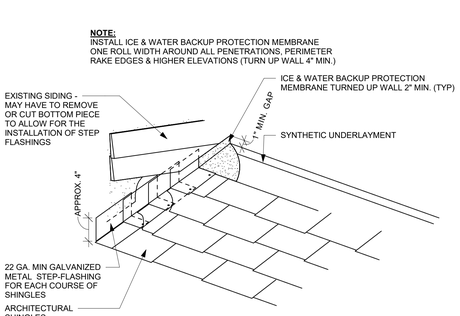
0' 2" 4" 8" 1'



8 ROOF VALLEY DETAIL

1 1/2" = 1'-0"

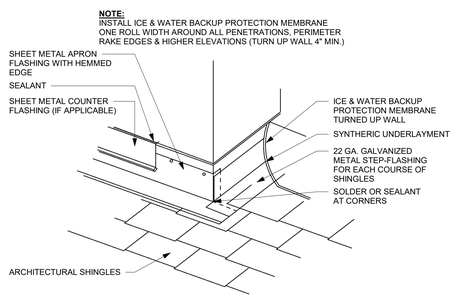
0' 2" 4" 8" 1'



9 ROOF STEP FLASHING/SIDING DETAIL

1 1/2" = 1'-0"

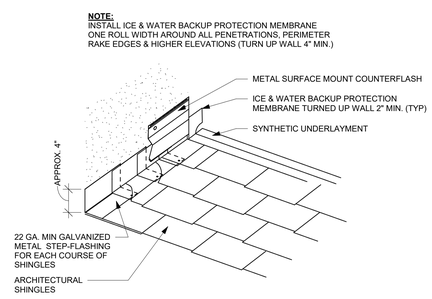
0' 2" 4" 8" 1'



10 ROOF APRON FLASHING DETAIL

1 1/2" = 1'-0"

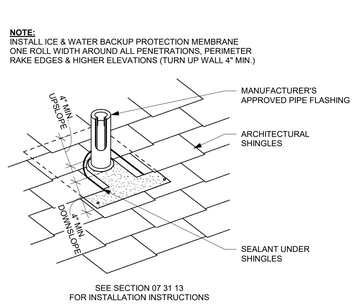
0' 2" 4" 8" 1'



11 ROOF COUNTERFLASHING DETAIL

1 1/2" = 1'-0"

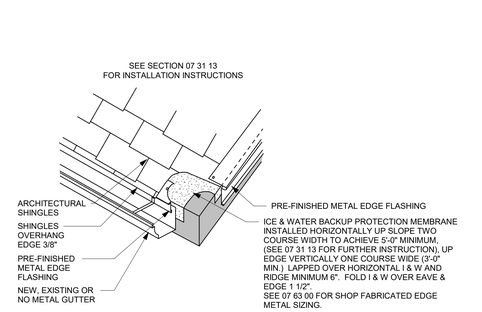
0' 2" 4" 8" 1'



12 ROOF VENT STACK DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'



13 EAVE & RAKE FLASHING DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

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Sheet Title:
DLSP SHELTER 1025 SITE PHOTOS

Revisions:

No.	Date:	Description:

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DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A232

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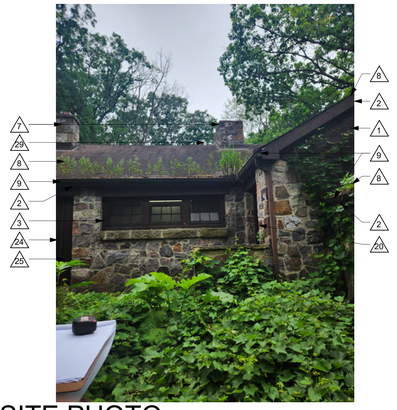
17	REMOVE AND SALVAGE EXISTING WOOD SIDING AND BATTEN STRIPS FOR INSTALLATION OF NEW WOOD RAFTER. REINSTALL SALVAGED WOOD SIDING AND BATTEN STRIPS.
18	REMOVE EXISTING METAL GUTTER AND DOWNSPOUT SYSTEM. PROVIDE NEW METAL GUTTER AND DOWNSPOUT SYSTEM. EXTEND DOWNSPOUT TO GRADE.
19	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD AND BATTEN SOFFIT.
20	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD DOOR, FRAME, WOOD SCREEN DOOR AND WOOD TIMBER LINTEL.
21	REMOVE EXISTING FASCIA AND SOFFIT FOR A PORTION OF CANOPY ROOF TO INSTALL NEW WOOD RAFTERS - SEE ROOF PLAN FOR FASCIA AND SOFFIT REMOVAL EXTENTS. PROVIDE NEW WOOD FASCIA AND SOFFIT TO MATCH EXISTING AFTER NEW RAFTERS ARE INSTALLED.
22	EXISTING ACCESS DOOR TO REMAIN USABLE. SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING ACCESS DOOR AND BATTEN STRIPS.
23	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD DOOR & FRAME AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
24	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING HOLLOW METAL DOOR & FRAME AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
25	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD WALL INFILL.
26	REMOVE EXISTING VERTICAL WOOD TRIM AT EXISTING DOOR AND PROVIDE NEW TO MATCH EXISTING - PRIME AND PAINT.
27	REMOVE EXISTING VERTICAL WOOD WALL INFILL AND PROVIDE NEW TO MATCH EXISTING - PRIME AND PAINT.
28	REMOVE EXISTING HORIZONTAL WOOD RAIL AT EXISTING WINDOW AND PROVIDE NEW TO MATCH EXISTING - PRIME AND PAINT.
29	EXISTING PIPE PENETRATION TO REMAIN. REMOVE EXISTING FLASHING AND PROVIDE NEW. SEE DETAIL 12A231.
30	EXISTING ROOF VENT TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 10A231.
31	PROVIDE 22 GA SHEET METAL AT CANOPY ROOF TO WHERE EXISTING FASCIA BOARD MEETS EXISTING ROOF SHEATHING. INSTALL BENEATH SHINGLES AND ROOF EDGE FLASHING.
33	REMOVE AND SALVAGE EXISTING FASCIA AND BATTEN STRIPS UNDERNEATH CANOPY FOR REPLACEMENT OF EXISTING WOOD RAFTERS. SEE DEMOLITION PLAN FOR REMOVAL EXTENTS. REINSTALL EXISTING SOFFIT AND BATTEN STRIPS AFTER NEW RAFTERS ARE INSTALLED. SCRAPE, REPAIR/PATCH, PRIME AND PAINT REINSTALLED WOOD SOFFIT AND BATTEN STRIPS.



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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
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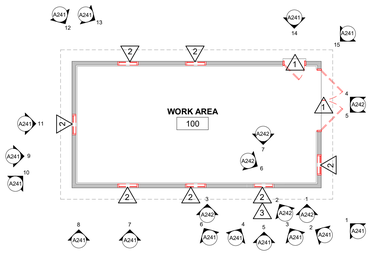
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP SHELTER 1025 SITE PHOTOS

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A234



1 DEMOLITION PLAN

1/8" = 1'-0"

0' 2' 4' 8' 12'

DEMOLITION GENERAL NOTES - DLSP SOUTH SHORE PUMP HOUSE:

A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.

B. AT WALL TYPES/MATERIALS: PREPARATION FOR NEW FINISHES SHALL INCLUDE, BUT NOT BE LIMITED TO REMOVAL OF EXISTING FINISHES, TAPES, GLUES/MASTIC, NAILS AND RELATED ITEMS. PATCHING OF HOLES, INDENTATIONS AND CRACKS FOR AN ACCEPTABLE SURFACE FOR NEW FINISH INSTALLATION.

C. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.

D. ROOM NUMBERS ARE SHOWN ON THIS PLAN FOR INFORMATIONAL AND COORDINATION PURPOSES ONLY.

E. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.

DEMOLITION PLAN LEGEND - DLSP SOUTH SHORE PUMP HOUSE:

SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMOVE ITEMS NOTED WITH DASHED LINES

SYMBOL INDICATES REMOVAL OF DOOR AND FRAME UNLESS NOTED OTHERWISE

DEMOLITION KEY NOTES - DLSP SOUTH SHORE PUMP HOUSE

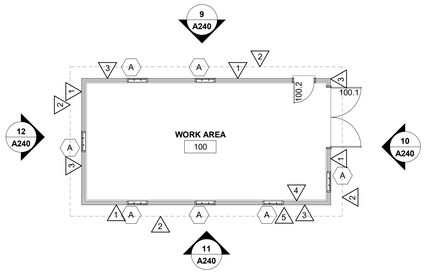
1	EXISTING WOOD DOOR, HARDWARE, AND TRIM TO BE REMOVED BY ASBESTOS ABATEMENT CONTRACTOR.
2	EXISTING WOOD WINDOW & TRIM TO BE REMOVED BY ASBESTOS ABATEMENT CONTRACTOR.
3	EXISTING WOOD WINDOW AND TRIM IN DORMER ABOVE TO BE REMOVED BY ASBESTOS ABATEMENT CONTRACTOR.

LEAD-BASED PAINT NOTE - DLSP SOUTH SHORE PUMP HOUSE:

THE STATE, UNDER A SEPARATE CONTRACT, WILL PROVIDE CONTAINERS FOR LEAD-BASED PAINT DEBRIS (PAINT CHIPS) CREATED BY RENOVATION AND WILL DISPOSE OF CONTAINERS AT PROJECT COMPLETION. GPC SHALL COORDINATE DELIVERY AND COLLECTION OF CONTAINERS. SING THE STATES HAZARDOUS WASTER SERVICE. REFER TO DIVISION 1 GENERAL REQUIREMENTS, ARTICLE 32. REFER TO DIVISION 1 GENERAL REQUIREMENTS, ARTICLE 5 FOR REGULATORY REQUIREMENTS, MATERIAL SAMPLE RESULTS, AND CONTRACTOR RESPONSIBILITIES.

ASBESTOS ABATEMENT NOTE - DLSP SOUTH SHORE PUMP HOUSE:

THE STATE, UNDER A SEPARATE ABATEMENT CONTRACT, WILL REMOVE WINDOWS AND DOORS WITH ASBESTOS WINDOW GLAZING AND WINDOW FRAME CAULK THAT WILL BE DISTURBED BY THE CONTRACTOR'S WORK. CONTRACTOR SHALL ALLOW AMPLE TIME IN THE WORK SCHEDULE FOR ASBESTOS ABATEMENT AND WILL COORDINATE THE SCHEDULE WITH THE ASBESTOS ABATEMENT CONTRACTOR (AAC). AAC WILL REQUIRE SOLE OCCUPANCY OF THE WORKSPACE DURING ASBESTOS ABATEMENT WORK. GPC TO SECURE BUILDING OPENINGS AFTER ABATEMENT.



2 REMODEL PLAN

1/8" = 1'-0"

0' 2' 4' 8' 12'

REMODEL GENERAL NOTES - DLSP SOUTH SHORE PUMP HOUSE:

A. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

C. SEE SPEC SECTION 06 30 00 FOR ALL WOOD SCRAPING AND REPAIRING/PATCHING.

D. SEE SPEC SECTION 09 91 13 FOR EXTERIOR PRIMING AND PAINTING.

REMODEL LEGEND - DLSP SOUTH SHORE PUMP HOUSE:

SYMBOL INDICATES WINDOW TYPE. SEE SHEET A240 FOR WINDOW FRAME ELEVATIONS.

SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMODEL KEY NOTES - DLSP SOUTH SHORE PUMP HOUSE

1	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD SIDING.
2	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD FASCIA AND SOFFIT.
3	PRIME AND PAINT EXISTING CMU.
4	MODIFY EXISTING PLYWOOD ON INTERIOR TO ALLOW ACCESS FOR INSTALLING NEW WOOD WINDOW. EXISTING EQUIPMENT ATTACHED TO PLYWOOD TO REMAIN AS IS AND OPERABLE.
5	PROVIDE NEW WINDOW ABOVE IN DORMER - SEE ELEVATIONS AND SITE PHOTOS.

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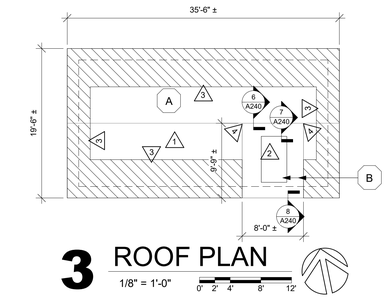


3 ROOF PLAN

1/8" = 1'-0"

0' 2' 4' 8' 12'

ROOF GENERAL NOTES - DLSP SOUTH SHORE PUMP HOUSE:

A. ALL METAL ROOF AND FLASHING, SHALL MEET CURRENT SMACNA REQUIREMENTS AND MANUFACTURER'S SPECIFIED WARRANTY.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

ROOF SYSTEM DESCRIPTIONS - DLSP SOUTH SHORE PUMP HOUSE:

A. NEW ASPHALT SHINGLES OVER NEW UNDERLAYMENT OVER EXISTING ROOF SHEATHING ON EXISTING WOOD TRUSSES/RAFTERS.

B. NEW FULLY ADHERED SINGLE PLY MEMBRANE OVER NEW 1/2" GYPSUM COVER BOARD OVER NEW VAPOR BARRIER OVER EXISTING ROOF SHEATHING ON EXISTING WOOD RAFTERS/FRAMING.

ROOF KEY NOTES - DLSP SOUTH SHORE PUMP HOUSE

1	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAILS 4 & 5A240.
2	REMOVE EXISTING MEMBRANE ROOFING DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, 1/2" GPYSUM COVER BOARD AND ADHERED SINGLE PLY MEMBRANE ROOF SYSTEM OVER EXISTING ROOF SHEATHING.
3	AT DIAGONAL HATCHED AREA, PROVIDE ICE AND WATER PROTECTION MEMBRANE.
4	WRAP 22 GA SHEET METAL AROUND DORMER ROOF TO WHERE EXISTING FASCIA BOARD MEETS EXISTING ROOF SHEATHING. INSTALL BENEATH SHINGLES AND ROOF EDGE FLASHING.

ELEVATION GENERAL NOTES - DLSP SOUTH SHORE PUMP HOUSE:

A. SEE SPECIFICATION FOR MATERIAL TYPE.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

C. SEE SPEC SECTION 06 30 00 FOR ALL WOOD SCRAPING AND REPAIRING/PATCHING.

D. SEE SPEC SECTION 09 91 13 FOR EXTERIOR PRIMING AND PAINTING.

ELEVATION LEGEND - DLSP SOUTH SHORE PUMP HOUSE:

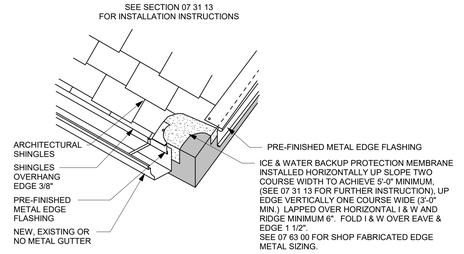
KEYNOTE TAG

WOOD FINISH

WINDOW TAG - SEE SHEET **A240** FOR FRAME ELEVATIONS

ELEVATION KEY NOTES - DLSP SOUTH SHORE PUMP HOUSE

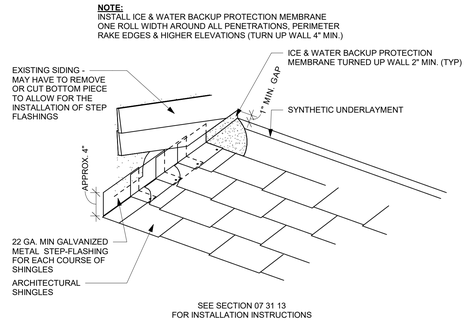
1	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD SIDING.
2	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD FASCIA AND SOFFIT.
3	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAILS 4 & 5A240.
4	REMOVE EXISTING MEMBRANE ROOFING DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS AND ADHERED SINGLE PLY MEMBRANE ROOF SYSTEM OVER 1/2" GYPSUM COVER BOARD OVER EXISTING ROOF SHEATHING.
5	PRIME AND PAINT EXISTING CMU.
6	WRAP 22 GA SHEET METAL AROUND DORMER ROOF TO WHERE EXISTING FASCIA BOARD MEETS EXISTING ROOF SHEATHING. INSTALL BENEATH SHINGLES AND ROOF EDGE FLASHING.



4 EAVE & RAKE FLASHING DETAIL

1 1/2" = 1'-0"

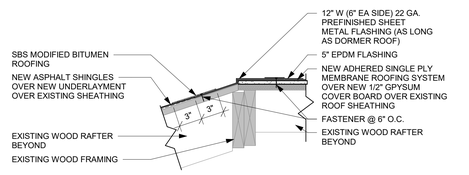
0' 2" 4" 8" 1'



5 ROOF STEP FLASHING/SIDING DETAIL

1 1/2" = 1'-0"

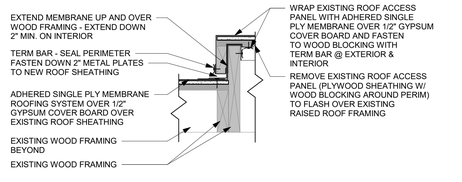
0' 2" 4" 8" 1'



6 EPDM TERMINATION @ SHINGLE

1 1/2" = 1'-0"

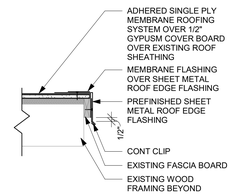
0' 2" 4" 8" 1'



7 RAISED ROOF ACCESS DETAIL

1 1/2" = 1'-0"

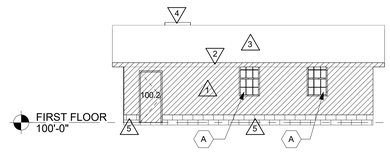
0' 2" 4" 8" 1'



8 ROOF EDGE DETAIL

1 1/2" = 1'-0"

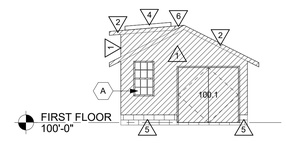
0' 2" 4" 8" 1'



9 NORTH ELEVATION

1/8" = 1'-0"

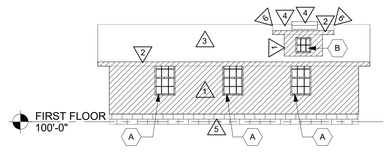
0' 2' 4' 8' 12'



10 EAST ELEVATION

1/8" = 1'-0"

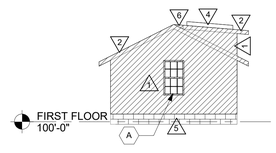
0' 2' 4' 8' 12'



11 SOUTH ELEVATION

1/8" = 1'-0"

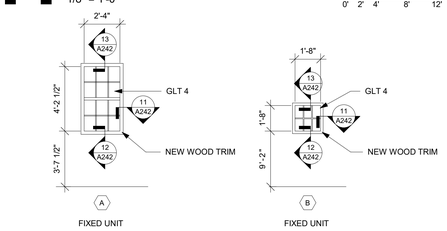
0' 2' 4' 8' 12'



12 WEST ELEVATION

1/8" = 1'-0"

0' 2' 4' 8' 12'



13 WOOD WINDOW ELEVATIONS

1/4" = 1'-0"

0' 1' 2' 4' 6'

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STATEWIDE, WISCONSIN

Sheet Title:
DLSP SOUTH SHORE PUMP HOUSE PLANS, ELEVATIONS AND DETAILS

Revisions:

No.	Date:	Description:

Graphic Scale	VARIES
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A240

SITE PHOTO KEY NOTES - DLSP SOUTH SHORE PUMP HOUSE

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3	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS. UNDERLAYMENT AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAILS 4 & 5A240.
4	REMOVE EXISTING MEMBRANE ROOFING DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS AND ADHERED SINGLE PLY MEMBRANE ROOF SYSTEM OVER NEW 1/2" GYPSUM COVER BOARD OVER EXISTING ROOF SHEATHING.
5	DOOR, TRIM AND HARDWARE TO BE REMOVED BY ASBESTOS ABATEMENT CONTRACTOR. PROVIDE NEW DOOR, TRIM AND HARDWARE.
6	WINDOW & TRIM TO BE REMOVED BY ASBESTOS ABATEMENT CONTRACTOR. PROVIDE NEW WINDOW AND TRIM.
7	PRIME AND PAINT EXISTING CMU.
8	PATCH EXISTING HOLE WITH WOOD PLUG IN EXISTING WOOD SIDING.
9	REMOVE EXISTING PLYWOOD COVERING EXISTING WOOD WINDOW.
10	REPAIR EXISTING ROOF SHEATHING & FASCIA BOARD.
11	REMOVE EXISTING WOOD BATTEN STRIP AND PROVIDE NEW TO MATCH EXISTING. PRIME & PAINT.
12	MODIFY EXISTING PLYWOOD ON INTERIOR TO ALLOW ACCESS FOR REMOVING & INSTALLING WINDOW. EXISTING EQUIPMENT ATTACHED TO PLYWOOD TO REMAIN AS IS & OPERABLE.
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14	SEAL AROUND PERIMETER OF EXISTING PIPE PENETRATION.
15	WRAP 22 GA SHEET METAL AROUND DORMER ROOF TO WHERE EXISTING FASCIA BOARD MEETS EXISTING ROOF SHEATHING. INSTALL BENEATH SHINGLES AND ROOF EDGE FLASHING.

1 SITE PHOTO

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DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP SOUTH SHORE PUMP HOUSE SITE PHOTOS

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A241

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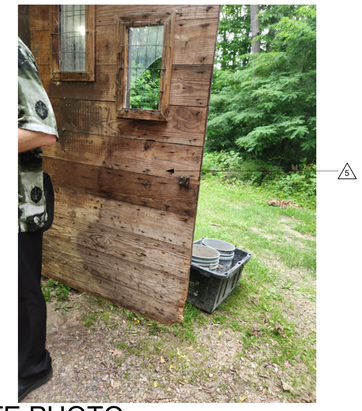

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5 SITE PHOTO

6 SITE PHOTO

7 SITE PHOTO

DOOR SCHEDULE - DLSP SOUTH SHORE PUMP HOUSE

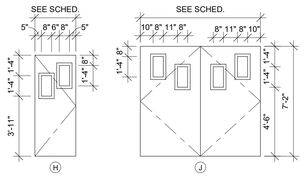
	DOOR							FRAME										
	SIZE												DETAILS					
MARK	W	H	T	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	GLASS TYPE	FRAME TYPE	FRAME DEPTH	FRAME MATERIAL	FRAME FINISH	GLASS TYPE	HEAD	JAMB	SILL	FIRE LABEL	HDWR GROUP	SIGNAGE	REMARKS
100.1	7' - 10"	7' - 2"	1 3/4"	DOOR J	WOOD	PAINT	GLT-4	FRAME AA	7"	WOOD	PAINT	---	8A242	9A242	---	---	12	---	1,2,3
100.2	2' - 8"	6' - 7"	1 3/4"	DOOR H	WOOD	PAINT	GLT-4	FRAME AA	7"	WOOD	PAINT	---	8A242	9A242	---	---	13	---	1,2,3

DOOR SCHEDULE GENERAL NOTES

WD = WOOD DOOR

A. SEE SPECIFICATIONS FOR DOOR HARDWARE GROUPS.
B. ALL DOUBLE DOORS TO HAVE TWO EQUAL LEAFS UNLESS NOTED OTHERWISE.
C. ALL WOOD DOORS TO BE PAINTED.

DOOR TYPES

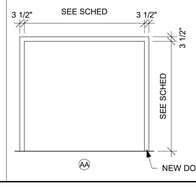


DOOR FRAME GENERAL NOTES

WD = WOOD

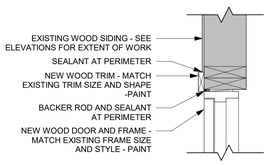
A. ALL WD FRAMES SHALL BE PAINTED.

DOOR FRAME TYPES

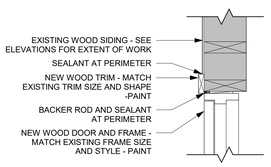


DOOR SCHEDULE REMARKS

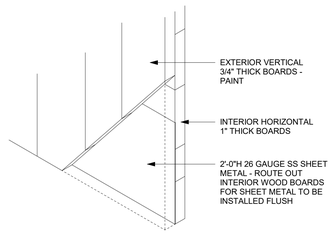
1. INSTALL WIRE MESH GUARD ON INSIDE OF DOORS AT WINDOWS - SEE SPEC SECTION 08 14 01.
2. NEW DOOR TO BE CONSTRUCTED OF 1" HORIZONTAL WOOD BOARD ON THE INTERIOR AND 3/4" VERTICAL WOOD BOARDS ON THE EXTERIOR. A 2'-0"H x DOOR WIDTH 26 GA STANLESS STEEL SHEET METAL SHALL BE INSTALLED AT THE BOTTOM OF THE DOOR BETWEEN THE (2) LAYERS OF WOOD. ROUTE OUT INTERIOR WOOD BOARDS FOR SHEET METAL TO BE INSTALLED FLUSH WITH THE UNROUTERED BOARDS ABOVE. SEE DETAIL 10A242.
3. SEE SPEC SECTION 08 14 01 FOR FABRICATED WOOD DOORS.



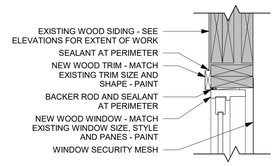
8 DOOR HEAD DETAIL
1 1/2" = 1'-0"



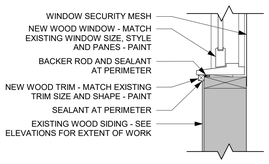
9 DOOR JAMB DETAIL
1 1/2" = 1'-0"



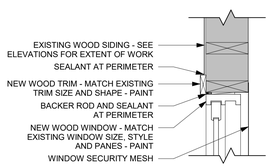
10 DOOR SLAB DETAIL
1 1/2" = 1'-0"



13 WINDOW HEAD DETAIL
1 1/2" = 1'-0"



12 WINDOW SILL DETAIL
1 1/2" = 1'-0"



11 WINDOW JAMB DETAIL
1 1/2" = 1'-0"

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP SOUTH SHORE PUMP HOUSE SITE PHOTOS, DOOR SCHEDULE, AND DETAILS

Revisions:

No.	Date:	Description:

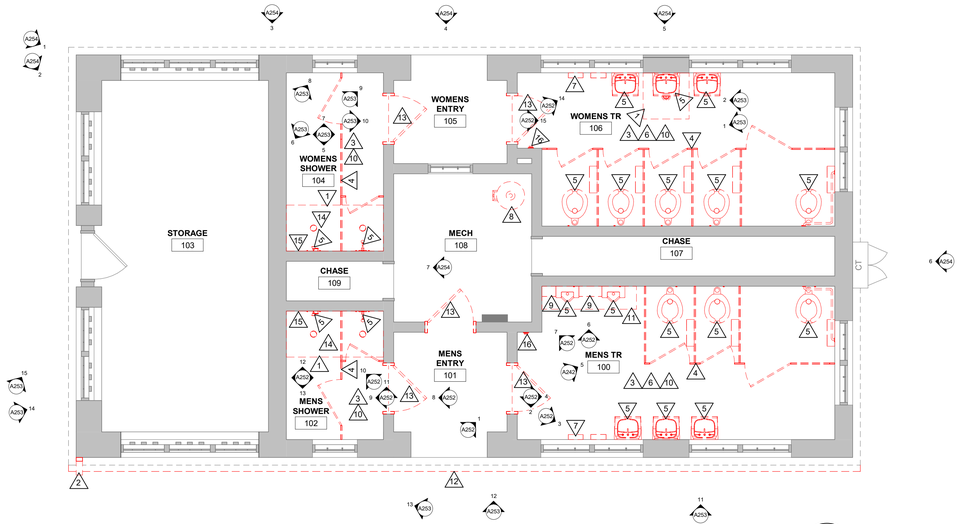
Graphic Scale: 0' 2" 4" 8" 1'

DFD Number: 24B2B

Set Type: BD

Date Issued: 10/07/2025

Sheet Number: A242



1 DEMOLITION PLAN

1/4" = 1'-0"

DEMOLITION KEY NOTES - DLSP TOILET/SHOWER BLDG 1026

1	SAW CUT EXISTING CONCRETE SLAB FOR FLOOR DRAIN REMOVAL BY PLUMBING.
2	REMOVE EXISTING METAL DOWNSPOUT.
3	REMOVE EXISTING CERAMIC TILE FLOOR, WALL BASE AND FRP PANEL CEILING.
4	REMOVE EXISTING TOILET PARTITIONS.
5	EXISTING PLUMBING FIXTURE TO BE REMOVED BY PLUMBING.
6	REMOVE ALL EXISTING TOILET PAPER HOLDERS, MIRRORS, LIQUID SOAP DISPENSERS, SHARPS DISPOSAL, SANITARY NAPKIN DISPOSALS AND METAL SHELVES.
7	EXISTING HAND DRYER TO BE REMOVED BY ELECTRICAL.
8	EXISTING WATER HEATER TO BE REMOVED BY PLUMBING.
9	REMOVE EXISTING GLAZED CLAY TILE HALF HIGH WALL.
10	REMOVE ALL EXISTING COAT/TOWEL HOOKS AND GRAB BARS.
11	SAW CUT EXISTING CONCRETE SLAB FOR FLOOR MOUNTED URINAL REMOVAL BY PLUMBING.
12	REMOVE EXISTING METAL GUTTER SYSTEM ABOVE.
13	REMOVE EXISTING HOLLOW METAL DOOR AND FRAME (GROUT FILLED).
14	REMOVE EXISTING CEILING GRILLE.
15	REMOVE EXISTING FRP WALL PANELING.
16	CUT/CORE EXISTING GLAZED CLAY TILE/BRICK WALL FOR REMOVAL OF EXISTING PLUMBING HOSE BIB AND INSTALLATION OF NEW PLUMBING PIPING, HOSE BIB AND RECESSED LOCKABLE BOX. SEE SHEETS P250 & P251 AND COORDINATE WITH PLUMBING.

DEMOLITION GENERAL NOTES - DLSP TOILET/SHOWER BLDG 1026:

A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.

B. AT WALL TYPES/MATERIALS: PREPARATION FOR NEW FINISHES SHALL INCLUDE, BUT NOT BE LIMITED TO REMOVAL OF EXISTING FINISHES, TAPES, GLUES/MASTIC, NAILS AND RELATED ITEMS. PATCHING OF HOLES, INDENTATIONS AND CRACKS FOR AN ACCEPTABLE SURFACE FOR NEW FINISH INSTALLATION.

C. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.

D. MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING.

E. ROOM NUMBERS ARE SHOWN ON THIS PLAN FOR INFORMATIONAL AND COORDINATION PURPOSES ONLY.

F. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.

DEMOLITION PLAN LEGEND - DLSP TOILET/SHOWER BLDG 1026:

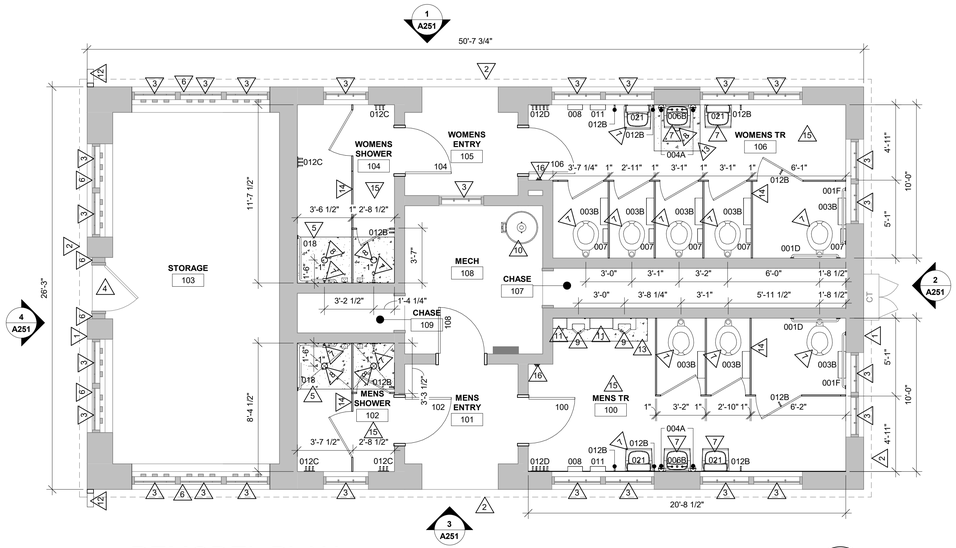
SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMOVE ITEMS NOTED WITH DASHED LINES

SYMBOL INDICATES REMOVAL OF DOOR AND FRAME UNLESS NOTED OTHERWISE

ASBESTOS ABATEMENT NOTE - DLSP TOILET/SHOWER BLDG 1026:

THE STATE, UNDER A SEPARATE ABATEMENT CONTRACT, WILL REMOVE ASBESTOS WINDOW FRAME CAULK THAT WILL BE DISTURBED BY THE CONTRACTOR'S WORK. CONTRACTOR SHALL ALLOW AMPLE TIME IN THE WORK SCHEDULE FOR ASBESTOS ABATEMENT AND WILL COORDINATE THE SCHEDULE WITH THE ASBESTOS ABATEMENT CONTRACTOR (AAC). AAC WILL REQUIRE SOLE OCCUPANCY OF THE WORKSPACE DURING ASBESTOS ABATEMENT WORK. GPC TO APPLY NEW CAULK/SEALANT AS NECESSARY DURING THE PAINTING PROCESS.



2 REMODEL PLAN

1/4" = 1'-0"

DOOR SCHEDULE - DLSP TOILET/SHOWER BLDG 1026

MARK	DOOR SIZE W	H	T	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	GLASS TYPE	DOOR U-CUT OR LOUVER	FRAME TYPE	FRAME DEPTH	FRAME MATERIAL	FRAME FINISH	GLASS TYPE	DETAILS HEAD	JAMB	SILL	FIRE LABEL	HDWR GROUP	SIGNAGE	REMARKS
100	3' - 0"	7' - 0"	1 3/4"	DOOR A	FG	GEL COATING	- - -	18" x 12"	FRAME AA	9"	FG	GEL COATING	- - -	5A251	6A251	- - -	- - -	1	- - -	
102	3' - 0"	7' - 0"	1 3/4"	DOOR A	FG	GEL COATING	- - -		FRAME AA	9"	FG	GEL COATING	- - -	5A251	6A251	- - -	- - -	2	- - -	
104	3' - 0"	7' - 0"	1 3/4"	DOOR A	FG	GEL COATING	- - -		FRAME AA	9"	FG	GEL COATING	- - -	5A251	6A251	- - -	- - -	2	- - -	
106	3' - 0"	7' - 0"	1 3/4"	DOOR A	FG	GEL COATING	- - -	18" x 12"	FRAME AA	9"	FG	GEL COATING	- - -	5A251	6A251	- - -	- - -	1	- - -	
108	3' - 0"	7' - 0"	1 3/4"	DOOR A	FG	GEL COATING	- - -		FRAME AA	9"	FG	GEL COATING	- - -	5A251	6A251	- - -	- - -	3	- - -	

DOOR SCHEDULE GENERAL NOTES

FG = FIBERGLASS

A. SEE SPECIFICATIONS FOR DOOR HARDWARE GROUPS.

B. ALL FG DOORS SHALL RECEIVE GEL COATING.

DOOR FRAME GENERAL NOTES

FG = FIBERGLASS

A. ALL FG FRAMES SHALL RECEIVE GEL COATING.

DOOR SCHEDULE REMARKS

1. - - -

DOOR TYPES

DOOR FRAME TYPES

REMODEL GENERAL NOTES - DLSP TOILET/SHOWER BLDG 1026:

A. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

C. SEE SPEC SECTION 06 30 00 FOR ALL WOOD SCRAPING AND REPAIRING/PATCHING.

D. SEE SPEC SECTION 09 91 13 FOR EXTERIOR PRIMING AND PAINTING.

REMODEL LEGEND - DLSP TOILET/SHOWER BLDG 1026:

SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMODEL KEY NOTES - DLSP TOILET/SHOWER BLDG 1026

1	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD SIDING.
2	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD FASCIA AND SOFFIT.
3	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WINDOWS, AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
4	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD DOOR & FRAME AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
5	INSTALL NEW CONCRETE SLAB TO MATCH EXISTING CONCRETE SLAB THICKNESS & SLOPE TO DRAIN. DRAIN TO BE SET 1" LOWER THAN ADJACENT EXISTING CONCRETE SLAB. DOWEL NEW SLAB INTO EXISTING SLAB W/ 12" LONG #4 BARS @ 24" O.C. W/ 6" EMBEDDMENT INTO EXISTING SLAB/WALL. SEE DETAIL 7A251.
6	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD WALL INFILL. APPLY SEALANT AROUND PERIMETER.
7	NEW PLUMBING FIXTURE PROVIDED BY PLUMBING.
8	NEW FLOOR DRAIN PROVIDED BY PLUMBING.
9	NEW FLOOR MOUNTED URINAL PROVIDED BY PLUMBING.
10	NEW WATER HEATER PROVIDED BY PLUMBING.
11	INSTALL 8" CMU BETWEEN URINALS - TOP OF WALL TO MATCH TOP OF URINALS - COORDINATE WITH PLUMBING.
12	PROVIDE NEW METAL GUTTER DOWNSPOUT.
13	INSTALL NEW CONCRETE SLAB TO MATCH EXISTING CONCRETE SLAB THICKNESS. DOWEL NEW SLAB INTO EXISTING SLAB W/ 12" LONG #4 BARS @ 24" O.C. W/ 6" EMBEDDMENT INTO EXISTING SLAB.
14	PROVIDE NEW TOILET PARTITIONS.
15	PROVIDE NEW CERAMIC FLOOR TILE AND WALL TILE - SEE SHEET ID250
16	PATCH EXISTING CLAY TILE/BRICK WALL WITH MORTAR AT NEW PLUMBING PIPING, HOSE BIB AND RECESSED LOCKABLE BOX (SEE SHEET P250 & P251) FOR NEW WALL FINISH (SEE SHEET ID250).

ACCESSORIES GENERAL NOTES:

1. NOT ALL ACCESSORIES REFERENCED ON SHEET G003 ARE INCLUDED IN THIS PROJECT. SEE ENLARGED FLOOR PLANS / ELEVATION SHEETS FOR ACCESSORIES LOCATIONS / LAYOUT.
2. ALL ACCESSORIES TO BE **PROVIDED AND INSTALLED BY CONTRACTOR**, UNLESS NOTED OTHERWISE
3. CONFIRM EXACT LOCATION OF EACH ACCESSORY WITH OWNER PRIOR TO INSTALLATION.
4. SURFACE MOUNTED ACCESSORIES SHALL BE INSTALLED OVER WALL TILE
5. OFCI = OWNER FURNISHED, CONTRACTOR INSTALLED. BASIS OF DESIGN MODEL PROVIDED BY OWNER; VERIFIED FOR PLACEMENT COORDINATION
6. PROVIDE INSULATION WRAP AT EXPOSED PIPING AT SINKS WHERE NO OTHER PROTECTION IS PROVIDED - COORDINATE WITH PLUMBING.

ACCESSORY SCHEDULE

MARK	ITEM	OFOI	OFCI	CFCI	HEIGHT A.F.F.	COMMENTS
001D	GRAB BAR, 36" HORIZONTAL			X	CENTER AT 2'-10" A.F.F.	
001F	GRAB BAR, 42" HORIZONTAL			X	CENTER AT 2'-10" A.F.F.	
003B	TOILET PAPER 2 ROLL JUMBO		X		SEE MOUNTING HEIGHTS DRAWINGS	
004A	SOAP DISPENSER MANUAL		X		SEE MOUNTING HEIGHTS DRAWINGS	
006B	MIRROR, 18" x 36"			X	SEE MOUNTING HEIGHTS DRAWINGS	
007	SANITARY NAPKIN DISPOSAL			X	SEE MOUNTING HEIGHTS DRAWINGS	
008	ELECTRIC HAND DRYER			X	SEE MOUNTING HEIGHTS DRAWINGS	
011	SHARPS		X		SEE MOUNTING HEIGHTS DRAWINGS	
012B	COAT HOOK, 1 HOOK			X	SEE MOUNTING HEIGHTS DRAWINGS	
012C	COAT HOOK, 3 HOOK			X	SEE MOUNTING HEIGHTS DRAWINGS	
012D	COAT HOOK, 5 HOOK			X	SEE MOUNTING HEIGHTS DRAWINGS	
018	30" x 36" L-SHAPED HORIZONTAL GRAB BAR			X	CENTER AT 2'-10" A.F.F.	
019	SOAP DISH			X	TOP @ 3'-6" A.F.F.	
021	STAINLESS STEEL SHELF, 18"W x 6"D			X	TOP AT 4'-0" A.F.F.	

3 REFLECTED CEILING PLAN

1/4" = 1'-0"

RCP GENERAL NOTES - DLSP TOILET/SHOWER BLDG 1026:

A. SEE ELECTRICAL FOR LIGHTING TYPES.

B. ALL REMAINING ANNULAR SPACE AROUND ITEMS PENETRATING WALLS SHALL BE NEATLY SEALED.

C. REFER TO INTERIOR DESIGN SHEETS FOR OTHER FINISHES.

D. CEILING TYPES INSTALLED AS NOTED ON PLANS. SEE SPECIFICATIONS FOR ADDITIONAL SYSTEM INFORMATION. **FRP**=FIBERGLASS REINFORCED PLASTIC

E. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

RCP LEGEND - DLSP TOILET/SHOWER BLDG 1026:

LIGHT FIXTURE - SEE ELECTRICAL

LIGHT FIXTURE - SEE ELECTRICAL

CEILING GRILLE 6"x6" ALUMMINUM LOUVERED GRILLE.

RCP KEY NOTES - DLSP TOILET/SHOWER BLDG 1026

1	PROVIDE NEW FRP CEILING PANELS FASTENED TO EXISTING SUBSTRATE WITH TRIM AT ADJOINING PANELS AND OVER ALL SCREWS HEADS.
2	PROVIDE NEW METAL GUTTER SYSTEM.

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP TOILET/SHOWER BUILDING 1026 PLANS AND DOOR SCHEDULE

Revisions:

No.	Date:	Description:

Graphic Scale	0' 1' 2' 4' 6'
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A250

ELEVATION GENERAL NOTES - DLSP TOILET/SHOWER BLDG 1026:

A. SEE SPECIFICATION FOR MATERIAL TYPE.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

C. SEE SPEC SECTION 06 30 00 FOR ALL WOOD SCRAPING AND REPAIRING/PATCHING.

D. SEE SPEC SECTION 09 91 13 FOR EXTERIOR PRIMING AND PAINTING.

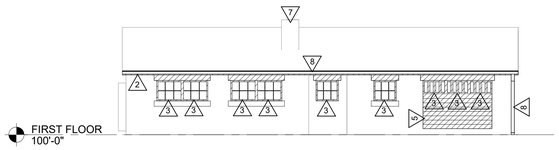
ELEVATION LEGEND - DLSP TOILET/SHOWER BLDG 1026:

1 KEYNOTE TAG

WOOD FINISH

ELEVATION KEY NOTES - DLSP TOILET/SHOWER BLDG 1026

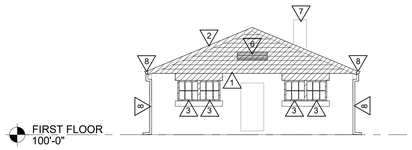
1	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD SIDING.
2	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD FASCIA AND SOFFIT.
3	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WINDOWS, AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
4	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD DOOR & FRAME AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
5	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD WALL INFILL
6	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD WALL LOUVER. APPLY SEALANT AROUND PERIMETER.
7	EXISTING STONE CHIMNEY TO REMAIN.
8	PROVIDE NEW METAL GUTTER AND DOWNSPOUT SYSTEM.
9	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING HOLLOW METAL DOOR & FRAME AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.



1 NORTH ELEVATION

1/8" = 1'-0"

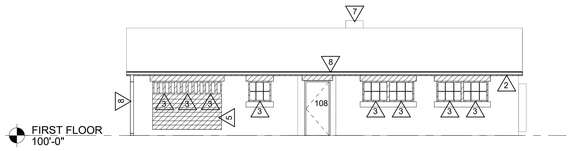
0' 2' 4' 8' 12'



2 EAST ELEVATION

1/8" = 1'-0"

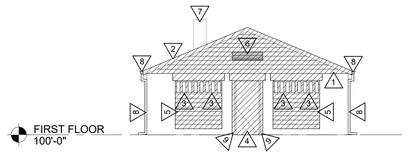
0' 2' 4' 8' 12'



3 SOUTH ELEVATION

1/8" = 1'-0"

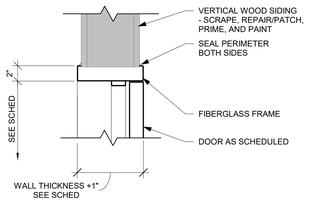
0' 2' 4' 8' 12'



4 WEST ELEVATION

1/8" = 1'-0"

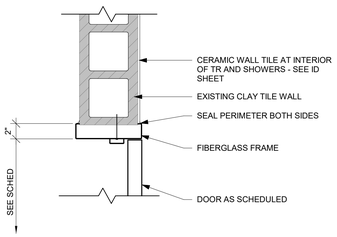
0' 2' 4' 8' 12'



5 DOOR HEAD DETAIL

1 1/2" = 1'-0"

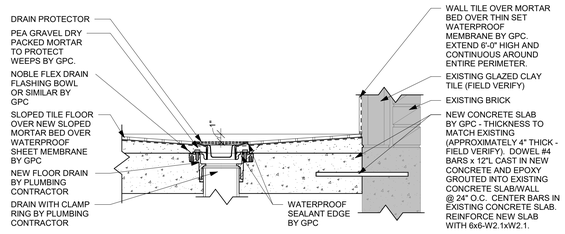
0" 2" 4" 8" 1'



6 DOOR JAMB DETAIL

1 1/2" = 1'-0"

0" 2" 4" 8" 1'



7 SHOWER FLOOR DRAIN DETAIL

1 1/2" = 1'-0"

0" 2" 4" 8" 1'

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP TOILET/SHOWER BUILDING 1026 ELEVATIONS AND DETAILS

Revisions:

No.	Date:	Description:

Graphic Scale	VARIES
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A251

1 SITE PHOTO

2 SITE PHOTO

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14 SITE PHOTO

15 SITE PHOTO

SITE PHOTO KEY NOTES - DLSP TOILET/SHOWER BLDG 1026

1	REMOVE EXISTING HOLLOW METAL DOOR AND FRAME. PROVIDE NEW FIBERGLASS DOOR & FRAME, - SEE DOOR SCHEDULE.
2	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD SIDING.
3	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD WINDOWS & WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
4	REMOVE EXISTING COAT HOOK/RAIL.
5	EXISTING PLUMBING FIXTURE TO BE REMOVED BY PLUMBING. NEW PLUMBING FIXTURE TO BE PROVIDED BY PLUMBING.
6	EXISTING ELECTRICAL HAND DRYER TO BE REMOVED BY ELECTRICAL. NEW HAND DRYER TO BE PROVIDED BY ELECTRICAL.
7	REMOVE EXISTING ACCESSORIES.
8	REMOVE EXISTING FRP PANEL CELING. PROVIDE NEW FRP CEILING PANELS FASTENED TO EXISTING SUBSTRATE WITH TRIM AT ADJOINING PANELS AND OVER ALL SCREWS HEADS.
9	REMOVE EXISTING CERAMIC TILE FLOOR & BASE. PREP AND PROVIDE NEW CERAMIC TILE FLOORING AND BASE - SEE INTERIOR DESIGN.
10	REMOVE EXISTING TOILET PARTITIONS. PROVIDE NEW TOILET PARTITIONS.
11	SAW CUT EXISTING CONCRETE SLAB FOR REMOVAL OF EXISTING URINAL & INSTALLATION OF NEW URINAL. PATCH WITH NEW CONC. SLAB TO MATCH EXISTING CONC. SLAB THICKNESS. DOWEL NEW SLAB INTO EXISTING SLAB W/ 12" LONG #4 BARS @ 24" O.C. W/ 6" EMBEDDMENT INTO EXIST. SLAB.
12	REMOVE EXISTING GLAZED TILE HALF WALL. INSTALL NEW 8" CMU WALL BETWEEN NEW URINALS. - TOP OF WALLS TO MATCH TOP OF URINALS - COORDINATE W/ PLUMBING.
13	SAW CUT EXISTING CONCRETE SLAB FOR REMOVAL OF EXISTING FLOOR DRAIN. FLOOR DRAIN TO BE REMOVED AND NEW DRAIN PROVIDED BY PLUMBING. INSTALL NEW CONCRETE SLAB TO MATCH EXIST. CONCRETE SLAB THICKNESS. SLOPE NEW SLAB TO DRAIN. DOWEL NEW SLAB INTO EXISTING SLAB W/ 12" LONG #4 BARS @ 24" O.C. W/ 6" EMBEDDMENT INTO EXISTING SLAB.
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Sheet Title:
DLSP TOILET/SHOWER BUILDING 1026 SITE PHOTOS

Revisions:

No.	Date:	Description:

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SITE PHOTO KEY NOTES - DLSP TOILET/SHOWER BLDG 1026

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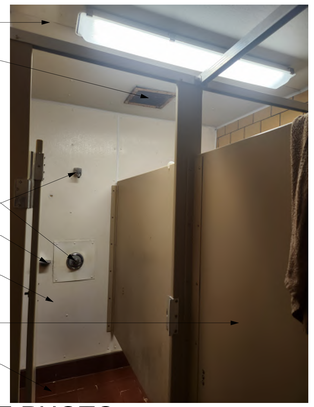

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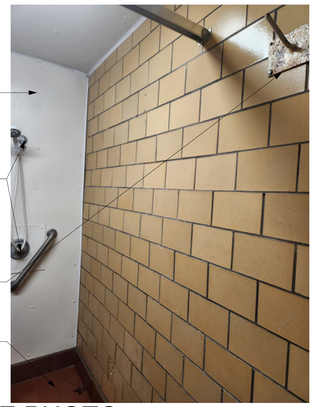

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Sheet Title:
DLSP TOILET/SHOWER BUILDING 1026 SITE PHOTOS

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
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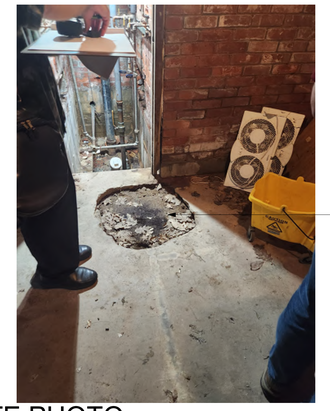

7 SITE PHOTO

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Sheet Title:
DLSP TOILET/SHOWER BUILDING 1026 SITE PHOTOS

Revisions:

No.	Date:	Description:

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MASTER COLOR SCHEDULE - DLSP TR/SHOWER BLDG 1026

MANUFACTURER / COLOR		GENERAL LOCATION	REMARKS
09 30 00 TILE			
TLE-1 (Tile)	Manufacturer: Virginia Tile - Milestone Product: Net Zero Color: Grey Size: 2x2" Mosaic & 6x12" Cove Base	FLOOR TILE See ID Sheets	Comparable Products by Prior Approval
TLE-2	Manufacturer: Virginia Tile - Crossville Product: Portugal Color: PTG04 - Tinta Negra (Warm Mid) Finish: UPS Size: 6x24" & 4x24" Bullnose Installation: Horizontal 1/3 Offset	WALL TILE Bullnose at window & unrinal ledges. See ID Sheets	Comparable Products by Prior Approval

MANUFACTURER / COLOR		GENERAL LOCATION	REMARKS
09 90 00 PAINTS AND COATINGS			
PNT-1 (Paint)	Manufacturer: Sherwin Williams Color: TBD Color Code:	Wood Timber Lintels See ID Sheets	Approved on
PNT-2	Manufacturer: Sherwin Williams Color: TBD Color Code:	Frames	Approved on
10 21 13 TOILET COMPARTMENTS			
TP-1 (Toilet Partition)	Manufacturer: ASI Global Partitions Product: Solid Plastic Toilet & Shower Partitions Color: Olive #9223 Finish: TBD	Toilet Partitions	Comparable Products by Approval

INTERIOR GENERAL NOTES - DLSP TR/SHOWER BLDG 1026:

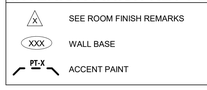
A. REFERENCES TO PAINT PERTAIN TO COLOR ONLY; PAINT TYPE SHALL BE IDENTIFIED IN THE ARCHITECTURAL SPECIFICATIONS.

B. REFER TO MASTER COLOR SCHEDULE FOR MATERIAL FINISH SPECIFICATIONS, ANNOTATIONS, AND ADDITIONAL INFORMATION.

C. TOILET AND SHOWER ROOM WALL AND FLOOR GROUT LINES SHALL ALIGN TO CONTINUE PATTERN THROUGHOUT. SEE TYPICAL ELEVATED PATTERNING ON ID250.

D. AT DISSIMILAR FLOORING FINISHES, SET JOINT OF MATERIALS AT CENTER OF DOOR. TRANSITIONS TO BE ADA COMPLIANT.

INTERIOR FINISH KEY PLAN - DLSP TR/SHOWER BLDG 1026:



INTERIOR FINISH LEGEND - DLSP TR/SHOWER BLDG 1026:

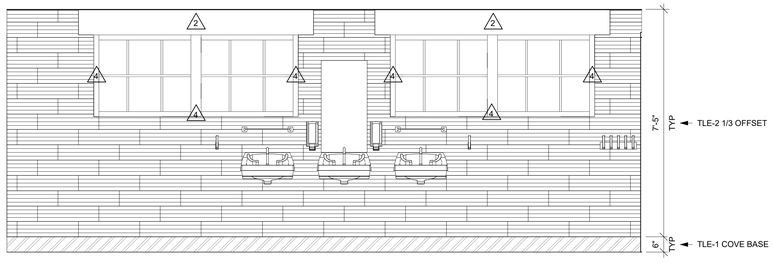
ROOM FINISH REMARKS-DLSP TR/SHOWER BLDG 1026

1	FULL HEIGHT TILE - ALL WALLS - UNLESS OTHERWISE NOTED. SEE TYPICAL ELEVATION ON ID250.
2	PAINT WOOD TIMBER LINTELS PNT-1.
3	NO WORK.
4	BULLNOSE TLE-2 AROUND WINDOW & URINAL LEDGES.

1 TOILET/SHOWER BUILDING 1026 - FINISH FLOOR PLAN

1/4" = 1'-0"

0' 1' 2' 4' 6'



2 TSB 1026 - TYPICAL TILE ELEVATION

1/2" = 1'-0"

0' 6" 1' 2' 3'

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Sheet Title: DLSP TOILET/SHOWER BUILDING 1026 INTERIOR PLANS

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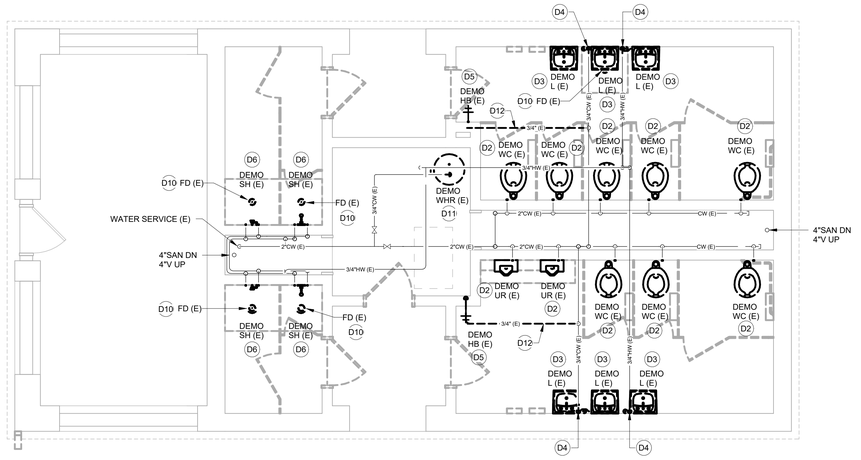

1 P250 TOILET/SHOWER BUILDING 1026 - DEMOLITION

GENERAL NOTES:

1. PC SHALL VISIT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO CONSTRUCTION. PC SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK.
2. PC SHALL MAINTAIN AND PROTECT ALL EXISTING PIPING AND FIXTURES THAT ARE TO REMAIN DURING CONSTRUCTION.
3. IF A DEAD END IS CREATED IN THE REMOVAL OF ANY PART OF A DRAIN SYSTEM, ALL OPENINGS IN THE DRAIN SHALL BE PROPERLY SEALED.
4. THE PLUMBING CONTRACTOR SHALL FIELD VERIFY NO DEAD ENDS IN WATER DISTRIBUTION SYSTEM EXCEEDING A DEVELOPED LENGTH NO MORE THAN TWO FEET (2') SHALL REMAIN.

DEMOLITION KEYED NOTES

(KEYED NOTES PER PROJECT)

D2 DEMOLISH EXISTING FIXTURES INDICATED AND INSPECT PIPING FOR DAMAGE PRIOR TO INSTALLATION OF NEW FIXTURE. INTENT IS TO REUSE EXISTING CW, SAN, AND VENT FOR NEW FIXTURES. REFER TO NEW CONSTRUCTION FOR NEW FIXTURE TYPE.

D3 DEMOLISH EXISTING LAVATORY INDICATED AND INSPECT SANITARY PIPING FOR DAMAGE PRIOR TO INSTALLATION OF NEW FIXTURE. INTENT IS TO REUSE EXISTING SANITARY AND VENT PIPING FOR NEW FIXTURES. REFER TO NEW CONSTRUCTION FOR NEW FIXTURE TYPE.

D4 CAREFULLY DEMOLISH EXISTING COLD WATER AND HOT WATER PIPING BACK TO A POINT TO ALLOW FOR REFINISHING OF INTERIOR WALL. PREP PIPING FOR FUTURE EXTENSION TO NEW FIXTURES.

D5 DEMOLISH EXISTING HOSE BIBB COMPLETE. INTENT IS TO ABANDON INACCESSIBLE COLDWATER PIPING IN WALL TO MINIMIZE DISTURBANCE TO THE EXISTING WALL. COORDINATE REQUIRED WALL DEMOLITION WITH GPC PRIOR TO PROCEEDING. REFER TO NEW CONSTRUCTION PLANS FOR NEW FIXTURE TYPE AND PIPE ROUTING.

D6 DEMOLISH EXISTING SHOWER VALVE AND SHOWER HEAD AS INDICATED. INSPECT COLD WATER AND HOT WATER PIPING FOR DAMAGE PRIOR TO INSTALLATION OF NEW FIXTURE. INTENT IS TO REUSE EXISTING COLD WATER AND HOT WATER PIPING FOR NEW FIXTURES. REFER TO NEW CONSTRUCTION FOR NEW FIXTURE TYPE.

D10 GPC CUT AND REMOVE EXISTING FLOOR TO ALLOW FOR DEMOLITION OF FLOOR DRAIN. PC TO DEMOLISH EXISTING FLOOR DRAIN AND INSPECT EXISTING PIPING FOR DAMAGE. PREP EXISTING PIPING FOR INSTALLATION OF NEW FLOOR DRAIN. GPC TO PATCH FLOOR TO MATCH EXISTING.

D11 DEMOLISH EXISTING WATER HEATER COMPLETE.

D12 DEMOLISH EXISTING PIPING FROM WALL BACK TO NEAREST ACTIVE MAIN. CAP ABANDON PIPING AT WALL AND CAP AT NEAREST ACTIVE MAIN.

EXISTING CONDITIONS ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR THE EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

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JDR PROJECT NO: 24.0178

State of Wisconsin
Department of Administration
Division of Facilities Development

SAUK, COLUMBIA, & JUNEAU COUNTIES

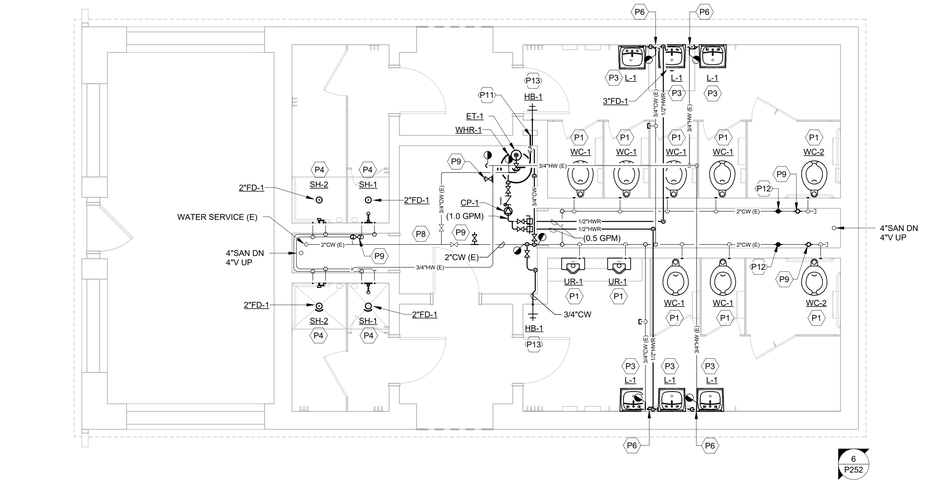
CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA, & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP TOILET/SHOWER BUILDING 1026 DEMOLITION PLANS - PLUMBING

Revisions:

No.	Date:	Description:

Graphic Scale	SEE PLANS
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	P250



1 P251 TOILET/SHOWER BUILDING 1026 - PLUMBING

0 2' 4' 8'

GENERAL NOTES:

1. PC SHALL VISIT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO CONSTRUCTION. PC SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK.
2. PC SHALL MAINTAIN AND PROTECT ALL EXISTING PIPING AND FIXTURES THAT ARE TO REMAIN DURING CONSTRUCTION.
3. IF A DEAD END IS CREATED IN THE REMOVAL OF ANY PART OF A DRAIN SYSTEM, ALL OPENINGS IN THE DRAIN SHALL BE PROPERLY SEALED.
4. THE PLUMBING CONTRACTOR SHALL FIELD VERIFY NO DEAD ENDS IN WATER DISTRIBUTION SYSTEM EXCEEDING A DEVELOPED LENGTH NO MORE THAN TWO FEET (2') SHALL REMAIN.

KEYED NOTES

(KEYED NOTES PER PROJECT)

P1 INSTALL NEW FIXTURE AND CONNECT TO EXISTING SANITARY, VENT AND COLD WATER PIPING.
P3 INSTALL LAVATORY AND CONNECT TO EXISTING SANITARY AND VENT. CONNECT NEW COLD AND HOT WATER PIPING TO NEW LAVATORY.
P4 INSTALL NEW SHOWER HEAD, SHOWER VALVE AND CONNECT TO EXISTING COLD AND HOT WATER PIPING.
P6 DOMESTIC WATER PIPING THAT IS TO BE MOUNTED ON FINISHED WALL SHALL BE TYPE 'L' COPPER.
P8 PC TO LOCATE AND INSTALL MULTIPLE SHUTOFF VALVE AND 3/4" FEMALE THREADED CONNECTION FOR COMPRESSED AIR HOOKUP TO ALLOW FOR DOMESTIC WATER SYSTEM BLOWOUT.
P9 PROVIDE SHUTOFF VALVE AND COMPRESSED AIR CONNECTIONS ON WATER PIPING FOR BLOWING OUT OF PIPING.
P11 CONNECT NEW WATER HEATER EXHAUST DUCT TO EXISTING EXHAUST DUCT DISCHARGE LOCATION.
P12 PROVIDE NEW WATER HAMMER ARRESTOR (WHA) AS SHOWN.
P13 INSTALL NEW HOSE BIBB AND CONNECT TO NEW COLD WATER PIPING FROM MECHANICAL ROOM.

EXISTING CONDITIONS ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR THE EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

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Sheet Title:
DLSP TOILET/SHOWER BUILDING 1026 NEW WORK PLANS - PLUMBING

Revisions:

No.	Date:	Description:

Graphic Scale	SEE PLANS
DFD Number	24B2B
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Sheet Number	P251

GAS WATER HEATER SCHEDULE

ID	MANUFACTURER MODEL #	GAS CFH	GAS PRESS IN WC	ELECTRICAL VOLTS	ELECTRICAL PHASE	RECOVERY GPH	RECOVERY RISE °F	TANK CAP. GAL	MAX EFF%	DETAIL / SHEET	DESCRIPTION / REMARKS
WHR-1	BRADFORD WHITE UCG-80H-199-3X	199	11"	120	1	246	80	80	82%	5/P252	ATMOSHERIC VEST WATER HEATER, GLASS LINED TANK, LIQUID PROPANE GAS FIRED, LCD DISPLAY. SET DISCHARGE TEMPERATURE TO 120 DEGREES FAHRENHEIT. INCLUDE POWER VENT KIT 239-81764-00.

* ALL SCHEDULED ITEMS ARE BASIS OF DESIGN, REFER TO SPECIFICATIONS FOR APPROVED ALTERNATES.

WATER HAMMER ARRESTORS

PDI SIZING AND SELECTION TABLE

PIPE SIZE	FIXTURE UNITS	CROSS REF.PDI
1/2"	1 - 11	A
3/4"	12 - 32	B
1"	33 - 60	C
1-1/4"	61 - 113	D
1-1/2"	114 - 154	E
2"	155 - 330	F

EXTRACTED FROM: PDI WH201

CIRCULATION PUMP SCHEDULE

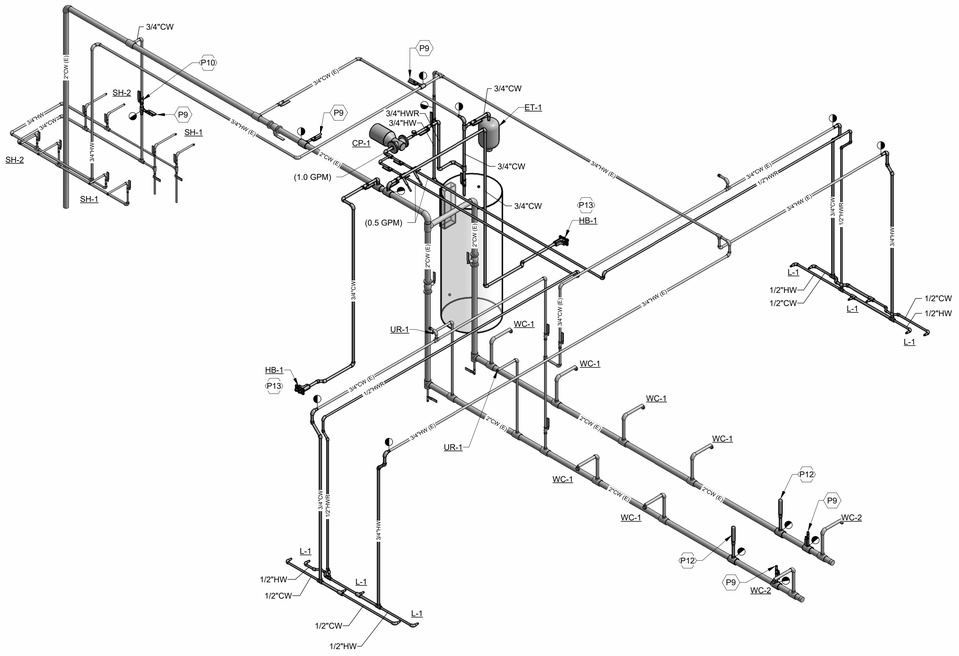
ID	MANUFACTURER MODEL #	ELECTRICAL HP	ELECTRICAL AMPS	ELECTRICAL VOLTS	ELECTRICAL PHASE	RPM	DISCHARGE GPM	DISCHARGE HD FT.	DETAIL / SHEET	DESCRIPTION / REMARKS
CP-1	B&G NBF-9U	FRACT	0.4	120	1	2800	1	2.5	5/P252	INLINE PUMP, SINGLE SPEED, LUBRICATED, BRONZE LEAD-FREE BODY, CERAMIC SHAFT, CARBON BEARING, NORYL IMPELLER, STAINLESS STEEL COMPONENTS, INCLUDE TIMER KIT TC-1.

* ALL SCHEDULED ITEMS ARE BASIS OF DESIGN, REFER TO SPECIFICATIONS FOR APPROVED ALTERNATES.

EXPANSION TANK SCHEDULE

ID	MANUFACTURER MODEL #	SIZE DIA	SIZE HEIGHT	VOLUME GALLON	SYSTEM	PRESSURE RATING PSI	DETAIL / SHEET	DESCRIPTION / REMARKS
ET-1	AMTROL ST-5C-DD	8"	14"	2	DOMESTIC	150	5/P252	STEEL THERMAL EXPANSION TANK, ASME, NSF/ANSI 61 BUTYL DIAPHRAGM, PRECHARGED, STAINLESS STEEL CONNECTION.

* ALL SCHEDULED ITEMS ARE BASIS OF DESIGN, REFER TO SPECIFICATIONS FOR APPROVED ALTERNATES.



6 PARTIAL DOMESTIC WATER ISOMETRIC

6 / P252 — SCALE: NONE

KEYED NOTES

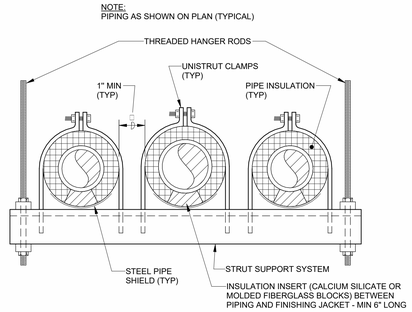
(KEYED NOTES PER PROJECT)

P9 PROVIDE SHUTOFF VALVE AND COMPRESSED AIR CONNECTIONS ON WATER PIPING FOR BLOWING OUT OF PIPING.

P10 INSTALL NEW SHUTOFF VALVE.

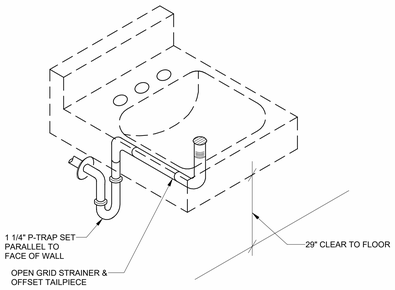
P12 PROVIDE NEW WATER HAMMER ARRESTOR (WHA) AS SHOWN.

P13 INSTALL NEW HOSE BIBB AND CONNECT TO NEW COLD WATER PIPING FROM MECHANICAL ROOM.



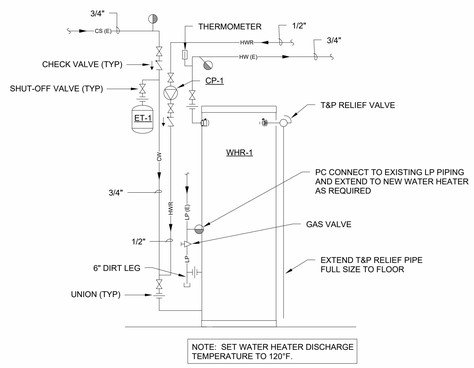
4 TRAPEZE HANGER DETAIL

4 / P252 — SCALE: NONE



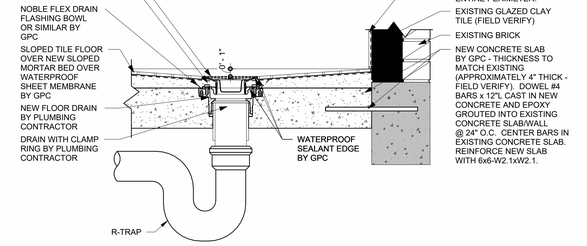
1 WALL HUNG LAVATORY - BARRIER FREE

1 / P252 — SCALE: NONE



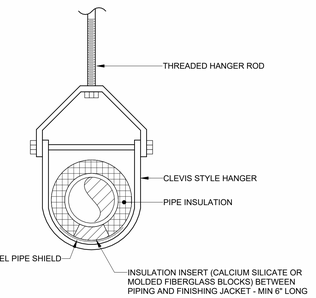
5 WATER HEATER (WHR-1) DETAIL

5 / P252 — SCALE: 12" = 1'-0"



2 SHOWER FLOOR DRAIN DETAIL

2 / P252 — SCALE: NONE



3 PIPE HANGER DETAIL

3 / P252 — SCALE: NONE

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Sheet Title:
DLSP TOILET/SHOWER BUILDING 1026 SCHEDULES AND DETAILS - PLUMBING

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	P252

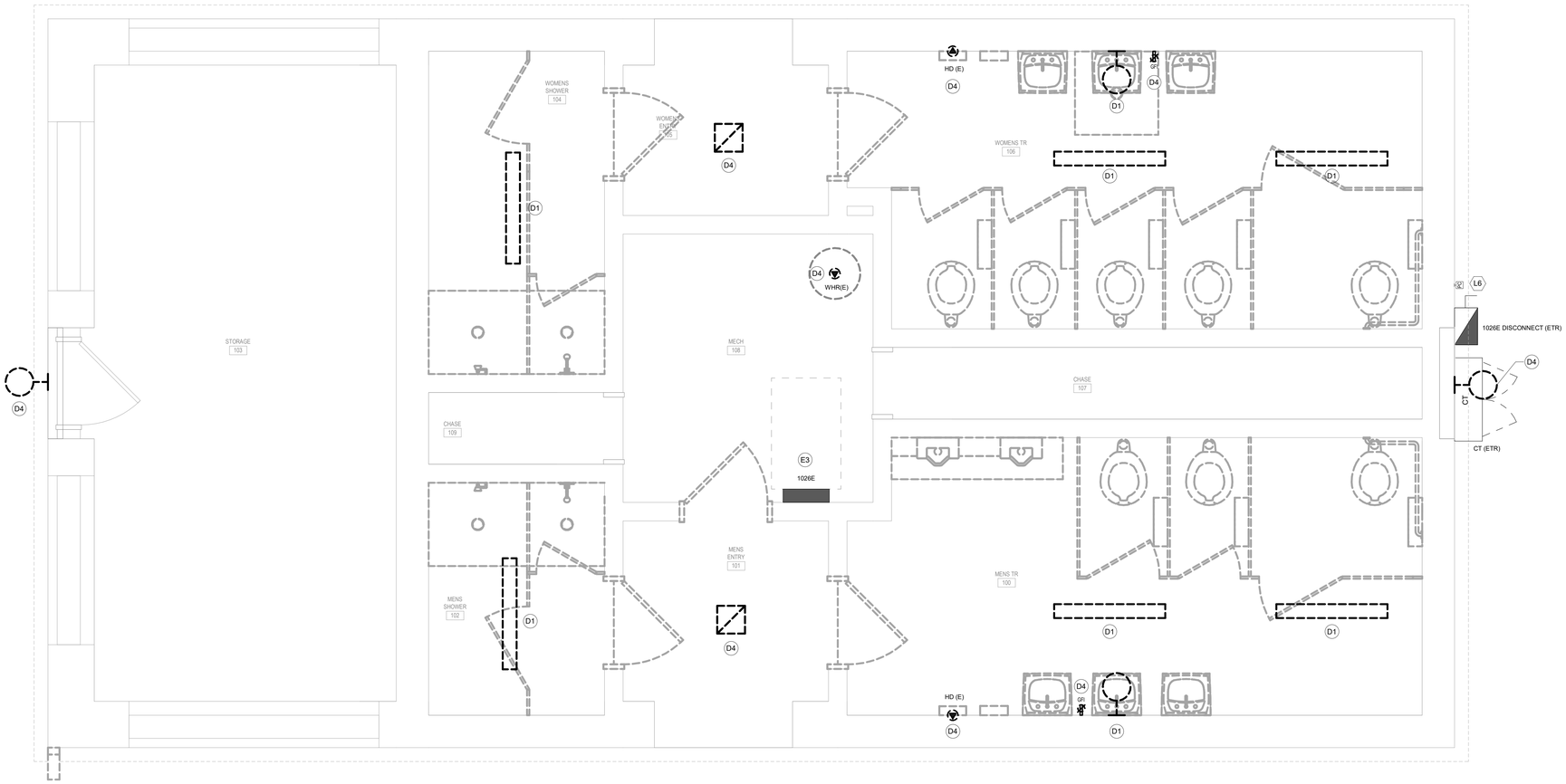
DEMOLITION KEYED NOTES

(KEYED NOTES PER PROJECT)

D1 EXISTING EQUIPMENT TO BE REMOVED. DISCONNECT AND REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REFER TO ONE-LINE ON SHEET E202.

D4 EXISTING DEVICE TO BE REPLACED. MAINTAIN CONDUIT AND CONDUCTORS FOR NEW DEVICE INSTALLED IN SAME LOCATION.

E3 EXISTING 240/120V 1-PHASE, 3-WIRE 225A CUTLER-HAMMER PRL1 PANELBOARD "1026E" TO REMAIN.



1 E250 TOILET/SHOWER BUILDING 1026 – DEMOLITION

SCALE: 1/2" = 1'-0"

NAME	DESCRIPTION
WHR(E)	EXISTING WATER HEATER
HD (E)	EXISTING HAND DRYER
HD (E)	EXISTING HAND DRYER

Panelboard: 1026E — DEMO

Location: MECH 108 **Supply From:** UTILITY **Mounting:** SURFACE **Enclosure:** Type 1
Voltage: 240V/120 **Phases:** 1 **Wires:** 3
A.I.C. Rating: 22,000 AIC **Mains Type:** MLO **Bus Rating:** 225 A

CKT	Circuit Description	Note	Trip	Poles	A (kVA)	B (kVA)	C (kVA)	Poles	Trip	Note	Circuit Description	CKT
1	DRYER		30 A	2	0 0			2	30 A		DRYER	2
3						0 0						4
5	DRYER		30 A	2	0 0			2	30 A		DRYER	6
7						0 0						8
9	WASHER		20 A	1	0 0			1	20 A		WASHER	10
11	WASHER		20 A	1		0 0		1	20 A		WASHER	12
13	PED...		100 A	2	0 0			2	100 A		PEDS 194-219-220-221-225-227-229-233	14
15						0 0						16
17	SPARE		20 A	1	0 0			2	100 A		PEDS 207-209-210-212-213	18
19	SPARE		20 A	1		0 0						20
21	HAND DRYERS		20 A	1	0 0			1	20 A		SPARE	22
23	HAND DRYERS		20 A	1		0 0		1	20 A		SW ROOF FAN	24
25	BATH RM CIRCUITS		20 A	1	0 0			1	20 A		BATH RM CIRCUITS	26
27	BATH RM CIRCUITS		20 A	1		0 0		1	20 A		WATER HEATER	28
29	BATH RM CIRCUITS		20 A	1	0 0			1	20 A		BATH RM CIRCUITS	30
				Total Load:	0 kVA	0 kVA	0 kVA					
				Total Amps:	0 A	0 A	0 A					

FEEDER BREAKER NOTES:

(G) GROUND FAULT PROTECTION (LN) BREAKER LOCK IN ON POSITION
(M) INTEGRAL METER (LF) BREAKER LOCK IN OFF POSITION
(S) SURGE PROTECTION (AF) ARC FAULT PROTECTION
(ST) SHUNT TRIP BREAKER (G/AF) COMBINATION GFCI/AFCI

ADJUSTABLE TRIP SETTINGS:

(IT) INSTANTANEOUS SETTING
(LT) LONG TERM SETTING
(ST) SHORT TERM SETTING

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
				Total Conn. Load: 0 kVA
				Total Est. Demand: 0 kVA
				Total Conn.: 0 A
				Total Est. Demand: 0 A

Notes:

Panelboard: 1026E — NEW

Location: MECH 108 **Supply From:** UTILITY **Mounting:** SURFACE **Enclosure:** Type 1
Voltage: 240V/120 **Phases:** 1 **Wires:** 3
A.I.C. Rating: 22,000 AIC **Mains Type:** MLO **Bus Rating:** 225 A

CKT	Circuit Description	Note	Trip	Poles	A (kVA)	B (kVA)	Poles	Trip	Note	Circuit Description	CKT
1	DRYER		30 A	2	0 0		2	30 A		DRYER	2
3						0 0					4
5	DRYER		30 A	2	0 0		2	30 A		DRYER	6
7						0 0					8
9	WASHER		20 A	1	0 0		1	20 A		WASHER	10
11	WASHER		20 A	1		0 0	1	20 A		WASHER	12
13	PED...		100 A	2	0 0		2	100 A		PEDS 194-219-220-221-225-227-229-233	14
15						0 0					16
17	SPARE		20 A	1	0 0		2	100 A		PEDS 207-209-210-212-213	18
19	Other MECH-3 108-3		20 A	1		0.05 0					20
21	MENS HAND DRYER		20 A	1	1.2 0		1	20 A		SPARE	22
23	WOMENS HAND DRYER		20 A	1		1.2 0	1	20 A		SW ROOF FAN	24
25	Lighting Room 104-2, 102-2		20 A	1	0.15 0.06		1	20 A		Lighting Room 101-2, 105-2	26
27	Lighting MENS TR-2 100-2		20 A	1		0.2 0.24	1	20 A		WH-1 - WATER HEATER	28
29	Lighting WOMENS TR-2 106-2		20 A	1	0.2 0.36		1	20 A		BATHROOM RECEPTACLES	30
				Total Load:	2 kVA	1.7 kVA					
				Total Amps:	16 A	14 A					

FEEDER BREAKER NOTES:

(G) GROUND FAULT PROTECTION (LN) BREAKER LOCK IN ON POSITION
(M) INTEGRAL METER (LF) BREAKER LOCK IN OFF POSITION
(S) SURGE PROTECTION (AF) ARC FAULT PROTECTION
(ST) SHUNT TRIP BREAKER (G/AF) COMBINATION GFCI/AFCI

ADJUSTABLE TRIP SETTINGS:

(IT) INSTANTANEOUS SETTING
(LT) LONG TERM SETTING
(ST) SHORT TERM SETTING

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Other	2688 VA	125.00%	3360 VA	
Receptacle	360 VA	100.00%	360 VA	**Total Conn. Load:** 4 kVA
Lighting	621 VA	125.00%	776 VA	**Total Est. Demand:** 4 kVA
				Total Conn.: 15 A
				Total Est. Demand: 19 A

Notes: TOTAL ESTIMATED DEMAND SHOWS ONLY NEW LOADS ONLY.

EXISTING CONDITIONS ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR THE EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

DEMOLITION GENERAL NOTES:

- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION-1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
- ALL DARK DASHED LINES APPROXIMATELY INDICATE EXISTING DEVICES TO BE DISCONNECTED AND REMOVED, UNLESS INDICATED OTHERWISE. REMOVE ANY/ALL UNUSED BOXES, WIRING AND CONDUIT BACK TO SOURCE. ALL PROPERLY SIZED AND PROPERLY SUPPORTED CONDUIT ONLY MAY BE REUSED.
- ALL SOLID LIGHT LINES INDICATE EXISTING DEVICES/EQUIPMENT TO REMAIN IN SERVICE, UNLESS NOTED OTHERWISE.
- ANY/ALL BOXES, CONDUIT, WIRING AND CABLING THAT IS DISCONNECTED AS PART OF THIS PROJECT SHALL BE REMOVED BACK TO SOURCE AND AVAILABLE COMPONENTS SHALL BE RELABELED AS 'SPARE' UNLESS NOTED OTHERWISE.
- EXISTING PROJECT CONDITIONS: INFORMATION PERTAINING TO EXISTING PROJECT CONDITIONS, SUCH AS PRESENT LOCATIONS OF ARCHITECTURAL AND STRUCTURAL BUILDING COMPONENTS, MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, ROUGH-INS AND OTHER MISCELLANEOUS CONSTRUCTION, APPEARS ON THE DRAWINGS. WHILE SUCH INFORMATION HAS BEEN BASED ON AVAILABLE RECORDS AND COLLECTED WITH REASONABLE CARE, THE ARCHITECT AND ENGINEER DO NOT ASSUME ANY EXPRESSED OR IMPLIED GUARANTEE THAT CONDITIONS SO INDICATED ARE SHOWN ENTIRELY COMPLETE, CORRECT AND REPRESENTATIVE OF THOSE ACTUALLY EXISTING. ALL CONTRACTORS SHALL SATISFY THEMSELVES AS TO ALL EXISTING JOB CONDITIONS PRIOR TO BIDDING, AND VERIFY ALL DIMENSIONS AT THE SITE.
- ELECTRICAL CONTRACTOR TO DE-ENERGIZE ANY/ALL EQUIPMENT DESIGNATED FOR DEMOLITION PRIOR TO REMOVAL BY OTHERS.
- WHERE EXISTING PANELS ARE BEING REUSED, PROVIDE NEW BREAKER(S) IN EXISTING PANEL(S) TO FEED ANY/ALL NEW LOADS SHOWN ON THE PLANS.
- REFER TO PHASING PLAN FOR MAINTAINING, DE-ENERGIZING, AND ENERGIZING EQUIPMENT.
- ALL EXISTING ELECTRICAL EQUIPMENT NOTED WITH A SUBSCRIPT "(ETR)" SHALL BE PROPERLY PROTECTED AGAINST DAMAGE DURING THE PERIOD OF THIS RENOVATION.
- WHERE MATERIALS ARE TO BE TURNED OVER TO OWNER OR REUSED AND INSTALLED BY CONTRACTOR, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN CONDITION OF MATERIALS AND EQUIPMENT AT NO ADDITIONAL COST TO OWNER.
- EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.

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DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title: DLSP TOILET/SHOWER BUILDING 1026 DEMOLITION PLANS - ELECTRICAL

Revisions:

No.	Date:	Description:

Graphic Scale	0' 6" 1' 2' 3'
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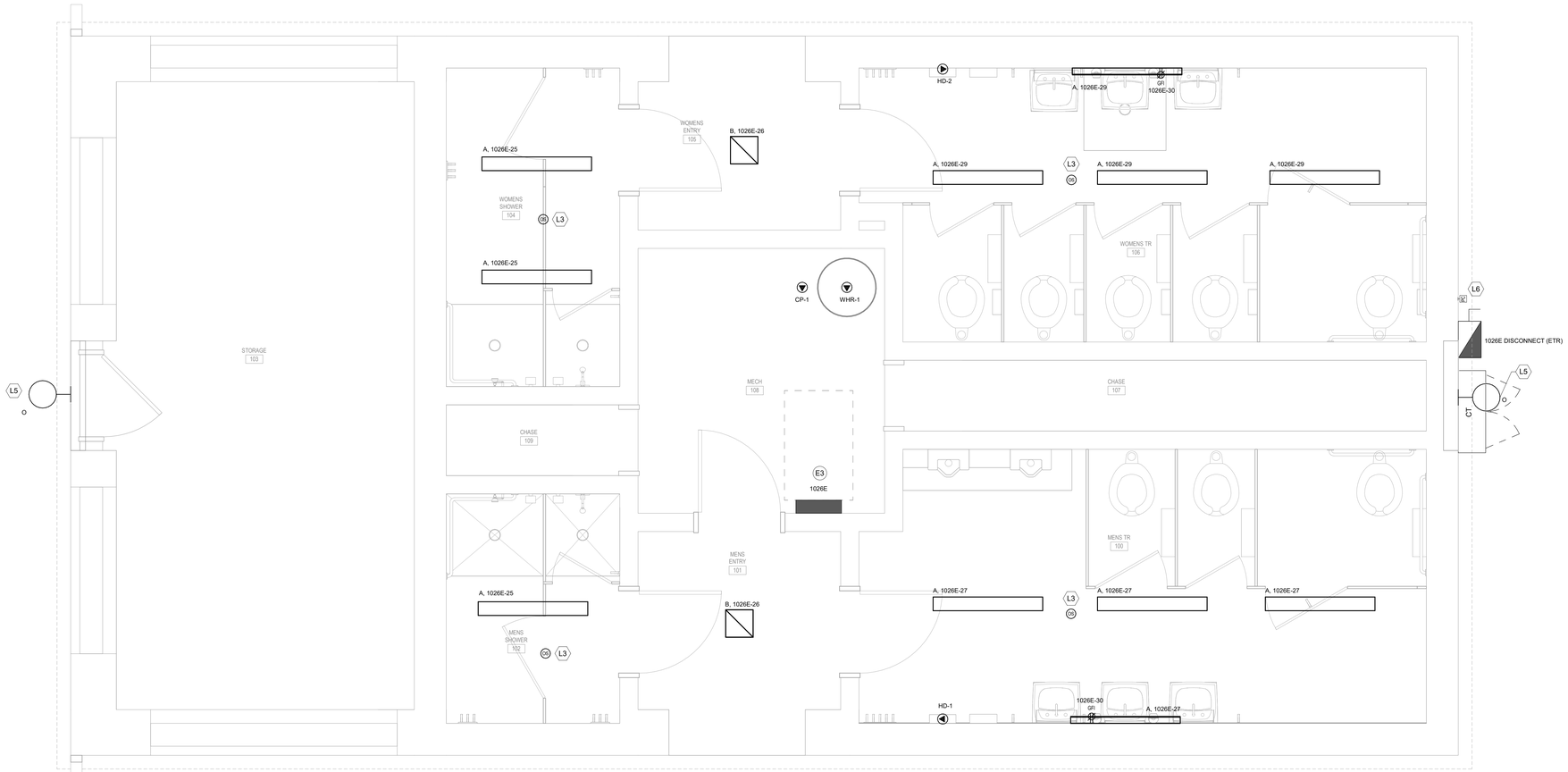
KEYED NOTES

(KEYED NOTES PER PROJECT)

- E3 EXISTING 240/120V 1-PHASE, 3-WIRE 225A CUTLER-HAMMER PRL1 PANELBOARD "1026E" TO REMAIN.
- L3 OCCUPANCY SENSOR WITH WIRE GUARD FOR CONTROL OF LIGHT FIXTURES.
- L5 RE-FEED NEW LIGHTING FIXTURE FROM EXISTING CIRCUIT. CONNECT TO EXISTING LIGHTING CONTROL.
- L6 EXISTING PHOTOCELL TO REMAIN. CONNECT NEW FIXTURES TO EXISTING CONTROLS.



1 E251 TOILET/SHOWER BUILDING 1026 – ELECTRICAL

SCALE: 1/2" = 1'-0"

ELECTRICAL CONNECTION SCHEDULE

TAG	DESCRIPTION	LOCATION NO	LOCATION NAME	LOAD kVA	LOAD F.L.A.	LOAD M.C.A.	LOAD VOLT	LOAD PH	CIRCUITING INFORMATION OCP (Amps)	CIRCUITING INFORMATION WIRE SIZE & CONDUIT	CIRCUITING INFORMATION PANEL	CIRCUITING INFORMATION CIRCUIT #	STARTER TYPE	STARTER FURNISHED / INSTALLED	CONTROLLER TYPE	CONTROLLER FURNISHED / INSTALLED	DISCONNECT TYPE	DISCONNECT FURNISHED / INSTALLED	ACCESSORIES	NEMA TYPE/CONFIGURATION	POWER SOURCE TYPE NORMAL	POWER SOURCE TYPE LIFE SAFETY	POWER SOURCE TYPE LEGALLY REQUIRED	POWER SOURCE TYPE OPTIONAL STAND-BY	FOOT NOTES
WHR-1	WATER HEATER	108	MECH	0	2	3	120	1	20	#12,#12N,#12G-3/4"C	1026E	28	MAN	PC	TC	MF	NFS	EC			•				
HD-1	HAND DRYER	100	MENS TR	1	10	13	120	1	20	#12,#12N,#12G-3/4"C	1026E	21	MAN	MF	0/0	MF	NFS	EC			•				
HD-2	HAND DRYER	106	WOMENS TR	1	10	13	120	1	20	#12,#12N,#12G-3/4"C	1026E	23	MAN	MF	0/0	MF	NFS	EC			•				
CP-1	CIRCULATION PUMP	108	MECH	0	0	1	120	1	20	#12,#12N,#12G-3/4"C	1026E	19	MAN	PC	TC	MF	NFS	EC			•				

STARTER TYPES:
- 2-SPD TWO SPEED
- CS COMBINATION STARTER
- ECM ECM CONTROLLER
- MAN MANUAL SWITCH
- FVNR FULL VOLTAGE NON-REVERSING
- FVR FULL VOLTAGE REVERSING
- RVS REDUCED VOLTAGE
- SS SOFT STARTER
- VFD VARIABLE FREQUENCY DRIVE

CONTROL DEVICES:
- 0/0 ON-OFF SELECTOR SWITCH
- BAS BUILDING AUTOMATION SYSTEM
- CT CONTACTOR
- EOP EQUIPMENT CONTROL PANEL
- HOA HAND-OFF-AUTO SWITCH
- PICS PROCESS CONTROL SYSTEM
- S/S STOP-START PUSHBUTTONS
- TC TEMPERATURE CONTROLS
- TS TEMPERATURE SENSOR

DISCONNECT TYPES:
- CB CIRCUIT BREAKER
- CF COMBINATION FUSED
- CN COMBINATION NON-FUSED
- FS FUSED SWITCH
- IU INTEGRAL WITH UNIT
- MCP MOTOR CIRCUIT PROTECTOR
- NFS NON-FUSED SWITCH

ACCESSORIES:
- AC AUXILLIARY CONTACTS
- GP GREEN (POWER) PILOT LIGHT
- RAG RED, AMBER & GREEN PILOT LIGHTS
- RG RED & GREEN PILOT LIGHTS

ABBREVIATIONS:
- EC ELECTRICAL CONTRACTOR
- GC GENERAL CONTRACTOR
- MC MECHANICAL CONTRACTOR
- MF MANUFACTURER
- TC TEMPERATURE CONTROL
- OT OTHER CONTRACTOR
- OWN OWNER
- PICS PROCESS INTEGRATED CONTROL SYSTEM

GENERAL NOTES:
- ALL CONDUCTORS ARE COPPER. ALUMINIUM CONDUCTORS WILL HAVE A NOTATION OF (AL) NEXT TO WIRE SIZE.

FOOT NOTES:
(1) - ECM MOTOR.
(2) - INTERLOCK MOTOR WITH OCCUPANCY SENSOR.

BATHROOM LUMINAIRE SCHEDULE

TAG	DESCRIPTION	DEPTH / HEIGHT	MOUNTING	NORMAL OPERATION LUMENS	NORMAL OPERATION WATTS	EMERGENCY OPERATION LUMENS	EMERGENCY OPERATION WATTS	EMERGENCY OPERATION TYPE	VOLTAGE	COLOR TEMP. (K)	C.R.I. (Min)	DIMMING	INTEGRATED OPTIONS CONTROL	INTEGRATED OPTIONS SENSOR	REFLECTOR	FINISH	MANUFACTURER	MODEL SERIES	FOOT NOTES
A	1' x 4' FIXTURE		SURFACE	6,000	51	0	0		120-277	4000	80	NONE	-	-	DR		METALUX	4VT2	1
B	RECESSED 1' x 1' FIXTURE		RECESSED	3,000	30	0	0		120-277	4000	80	NONE	-	-	FROST		KURTZON	WL-F-1-SW-ED L	2
O	EXTERIOR SCONCE FIXTURE		SURFACE	3,719	30	0	0		120-277	4000	70	0-10V 10%	-	-	-		HALO	WXP	3

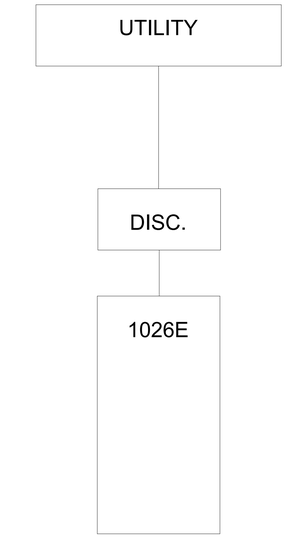
EMERGENCY OPERATION TYPES
- (1) INTEGRAL BATTERY 7W
- (2) INTEGRAL BATTERY (2) 7W
- (3) INTEGRAL BATTERY 10W
- (4) INTEGRAL BATTERY (2) 10W
- (5) INTEGRAL BATTERY 15W
- (6) INTEGRAL BATTERY 700 LUMEN
- (7) INTEGRAL BATTERY 1400 LUMEN
- (8) BATTERY WITH SELF-DIAGNOSTICS
- (9) UL924 TRANSFER DEVICE (EXTERNAL OR INTERNAL)
- (10) INTEGRAL GENERATOR TRANSFER DEVICE

INTEGRATED CONTROL TYPES
- (1) ROCKER
- (2) WIRED - CAT 6
- (3) WIRELESS

INTEGRATED SENSOR TYPES
- (1) PASSIVE INFRARED
- (2) ULTRASONIC
- (3) DUAL TECHNOLOGY (PIR+ULTRASONIC)
- (4) DIMMING PHOTOCELL

GENERAL NOTES:

FOOT NOTES:
1. EQAUALS BY:
   - A. DAY-BRITE: V2W SERIES
   - B. COLUMBIA: LXEM4 SERIES
2. EQUALS BY:
   - A. LITHONIA LIGHTING: WRTL SERIES
   - B. HOLOPHANE: HIT SERIES
3. EQUALS BY:
   - A. LITHONIA LIGHTING: TWR2 SERIES
   - B. HOLOPHANE: WCNG SERIES



2 E251 1026 ONE-LINE

SCALE: NONE

ELECTRICAL GENERAL NOTES:

- EXISTING PROJECT CONDITIONS: INFORMATION PERTAINING TO EXISTING PROJECT CONDITIONS, SUCH AS PRESENT LOCATIONS OF ARCHITECTURAL AND STRUCTURAL BUILDING COMPONENTS, MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, ROUGH-INS AND OTHER MISCELLANEOUS CONSTRUCTION, APPEARS ON THE DRAWINGS. WHILE SUCH INFORMATION HAS BEEN BASED ON AVAILABLE RECORDS AND COLLECTED WITH REASONABLE CARE, THE ARCHITECT AND ENGINEER DO NOT ASSUME ANY EXPRESSED OR IMPLIED GUARANTEE THAT CONDITIONS SO INDICATED ARE SHOWN ENTIRELY COMPLETE, CORRECT AND REPRESENTATIVE OF THOSE ACTUALLY EXISTING. ALL CONTRACTORS SHALL SATISFY THEMSELVES AS TO ALL EXISTING JOB CONDITIONS PRIOR TO BIDDING, AND VERIFY ALL DIMENSIONS AT THE SITE.
- REFER TO SHEETS E000 FOR ALL SYMBOLS AND ABBREVIATIONS.
- THE CONTRACTOR MAY INSTALL UP TO THREE (3) CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON THWN INSULATION, 40°C AMBIENT WITH DERATINGS FOR TEMPERATURE AND UP TO THREE (3) CONDUCTORS IN A CONDUIT. CONTACT THE ENGINEER FOR WIRING IN OTHER CONDITIONS.
- VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
- REFER TO ARCHITECTURAL PLANS, SECTIONS, ELEVATIONS, AND REFLECTED CEILING PLANS FOR EXACT LOCATION AND COORDINATION OF ALL LIGHT FIXTURE INSTALLATIONS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION 1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
- ALL SOLID LIGHT LINES INDICATE EXISTING DEVICES/EQUIPMENT TO REMAIN IN SERVICE, UNLESS NOTED OTHERWISE.
- WHERE EXISTING PANELS ARE BEING REUSED, PROVIDE NEW BREAKER(S) IN EXISTING PANEL(S) TO FEED ANY/ALL NEW LOADS SHOWN ON THE PLANS.
- REFER TO SECTION 26 05 19 FOR SPECIFIC WIRING REQUIREMENTS. NOTE THAT HIGH AMBIENT SPACES, MECHANICAL ROOMS, UTILITY ROOMS, AND EXTERIOR EXPOSED CONDUIT SHALL BE 90 DEGREE C, XHHW-2 CONDUCTORS.
- REFER TO PHASING PLAN FOR MAINTAINING, DE-ENERGIZING, AND ENERGIZING EQUIPMENT.
- ALL WIRING WITHIN THE BUILDING SHALL BE CONCEALED EXCEPT IN UNFINISHED SPACES.
- ALL GFCI RECEPTACLES ON THIS PROJECT SHALL BE WEATHER RESISTANT (WR) RATED.
- POWER CONDUCTORS SHALL BE SIZED PER THE NEC AMPACITY TABLES (ARTICLE 310), INCLUDING ADJUSTMENT FACTOR AND NEUTRAL CONDUCTOR REQUIREMENTS (FEED AND BRANCH NEUTRAL CONDUCTORS MUST BE COUNTED AS CURRENT CARRYING CONDUCTORS). RUN SEPARATE NEUTRAL CONDUCTORS FOR ALL LIGHTING CIRCUITS.
- ALL LIGHT FIXTURES SHALL BE PROVIDED WITH QUICK-CONNECT DISCONNECTING MEANS AND A 6" (MAXIMUM) FIXTURE WHIP FOR FUTURE MAINTENANCE PURPOSES.
- WIRING SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC) AND APPLICABLE LOCAL CODES, INCLUDING PROVISION OF EQUIPMENT GROUNDING AS REQUIRED BY THE NEC.
- IN HIGH AMBIENT SPACES, MECHANICAL ROOMS, UTILITY ROOMS, AND EXTERIOR EXPOSED CONDUIT, 90 DEGREE C, XHHW-2 CONDUCTORS SHALL BE UTILIZED.
- ALL DUPLEX RECEPTACLES SHALL BE HEAVY DUTY SPECIFICATION GRADE, 20 AMP RATED.
- CIRCUITING INDICATES GROUPING ONLY. CONFIRM ALL EXISTING WIRING AND CIRCUITING.

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SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title: DLSP TOILET/SHOWER BUILDING 1026 NEW WORK PLANS - ELECTRICAL

Revisions:

No.	Date:	Description:

Graphic Scale	0' 6" 1' 2' 3'
DFD Number	24B2B
Set Type	BD
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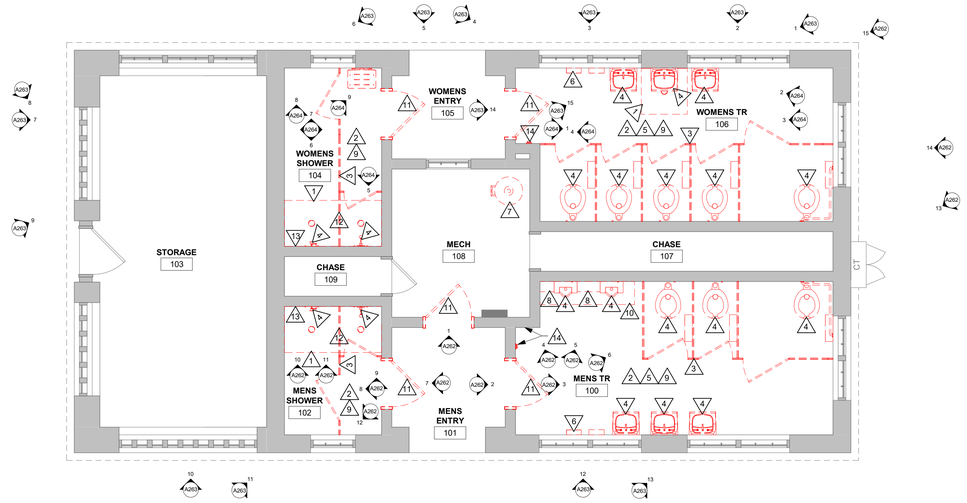

1 DEMOLITION PLAN

1/4" = 1'-0"

DEMOLITION KEY NOTES - DLSP TOILET/SHOWER BLDG 1027

1	SAW CUT EXISTING CONCRETE SLAB FOR FLOOR DRAIN REMOVAL BY PLUMBING.
2	REMOVE EXISTING CERAMIC TILE FLOOR, WALL BASE AND FRP PANEL CEILING.
3	REMOVE EXISTING TOILET PARTITIONS.
4	EXISTING PLUMBING FIXTURE TO BE REMOVED BY PLUMBING.
5	REMOVE ALL EXISTING TOILET PAPER HOLDERS, MIRRORS, LIQUID SOAP DISPENSERS, SHARPS DISPOSAL, SANITARY NAPKIN DISPOSALS AND METAL SHELVES.
6	EXISTING HAND DRYER TO BE REMOVED BY ELECTRICAL.
7	EXISTING WATER HEATER TO BE REMOVED BY PLUMBING.
8	REMOVE EXISTING GLAZED CLAY TILE HALF HIGH WALL.
9	REMOVE ALL EXISTING COAT/TOWEL HOOKS AND GRAB BARS.
10	SAW CUT EXISTING CONCRETE SLAB FOR FLOOR MOUNTED URINAL REMOVAL BY PLUMBING.
11	REMOVE EXISTING HOLLOW METAL DOOR AND FRAME (GROUT FILLED)
12	REMOVE EXISTING CEILING GRILLE.
13	REMOVE EXISTING FRP WALL PANELING.
14	CUT/CORE EXISTING GLAZED CLAY TILE/BRICK WALL FOR REMOVAL OF EXISTING PLUMBING HOSE BIB AND INSTALLATION OF NEW PLUMBING PIPING, HOSE BIB AND RECESSED LOCKABLE BOX. SEE SHEETS P200 & P261 AND COORDINATE WITH PLUMBING.

DEMOLITION GENERAL NOTES - DLSP TOILET/SHOWER BLDG 1027:

A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.

B. AT WALL TYPES/MATERIALS: PREPARATION FOR NEW FINISHES SHALL INCLUDE, BUT NOT BE LIMITED TO REMOVAL OF EXISTING FINISHES, TAPES, GLUES/MASTIC, NAILS AND RELATED ITEMS. PATCHING OF HOLES, INDENTATIONS AND CRACKS FOR AN ACCEPTABLE SURFACE FOR NEW FINISH INSTALLATION.

C. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.

D. MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING.

E. ROOM NUMBERS ARE SHOWN ON THIS PLAN FOR INFORMATIONAL AND COORDINATION PURPOSES ONLY.

F. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.

DEMOLITION PLAN LEGEND - DLSP TOILET/SHOWER BLDG 1027:

SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMOVE ITEMS NOTED WITH DASHED LINES

SYMBOL INDICATES REMOVAL OF DOOR AND FRAME UNLESS NOTED OTHERWISE

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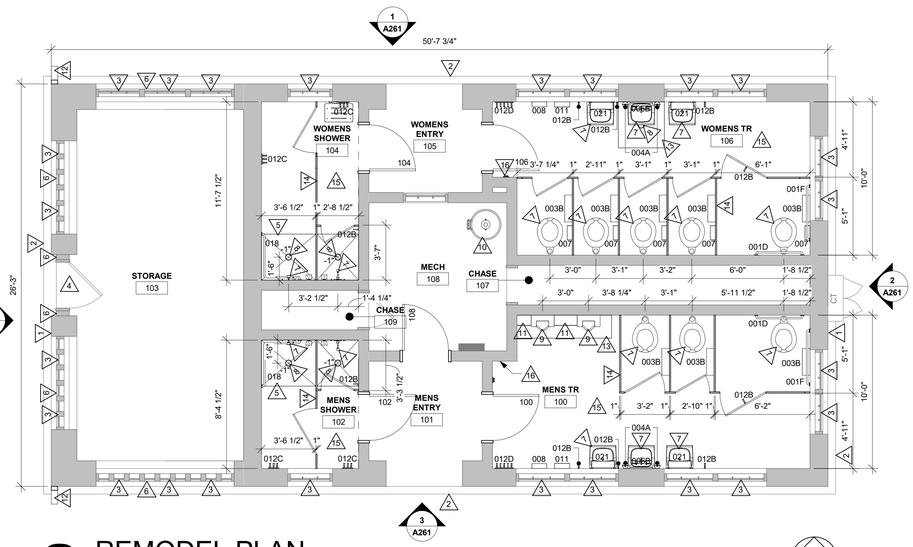


2 REMODEL PLAN

1/4" = 1'-0"

DOOR SCHEDULE - DLSP TOILET/SHOWER BLDG 1027

MARK	DOOR SIZE W	H	T	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	GLASS TYPE	DOOR U-CUT OR LOUVER	FRAME TYPE	FRAME DEPTH	FRAME MATERIAL	FRAME FINISH	GLASS TYPE	DETAILS HEAD	JAMB	SILL	FIRE LABEL	HDWR GROUP	SIGNAGE	REMARKS
100	3' - 0"	7' - 0"	1 3/4"	DOOR A	FG	GEL COATING	---	18" x 12"	FRAME AA	9"	FG	GEL COATING	---	5A261	6A261	---	---	4	---	
102	3' - 0"	7' - 0"	1 3/4"	DOOR A	FG	GEL COATING	---		FRAME AA	9"	FG	GEL COATING	---	5A261	6A261	---	---	5	---	
104	3' - 0"	7' - 0"	1 3/4"	DOOR A	FG	GEL COATING	---		FRAME AA	9"	FG	GEL COATING	---	5A261	6A261	---	---	5	---	
106	3' - 0"	7' - 0"	1 3/4"	DOOR A	FG	GEL COATING	---	18" x 12"	FRAME AA	9"	FG	GEL COATING	---	5A261	6A261	---	---	4	---	
108	3' - 0"	7' - 0"	1 3/4"	DOOR A	FG	GEL COATING	---		FRAME AA	9"	FG	GEL COATING	---	5A261	6A261	---	---	6	---	

DOOR SCHEDULE GENERAL NOTES

FG = FIBERGLASS

A. SEE SPECIFICATIONS FOR DOOR HARDWARE GROUPS.

B. ALL FG DOORS SHALL RECEIVE GEL COATING.

DOOR FRAME GENERAL NOTES

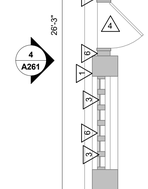
FG = FIBERGLASS

A. ALL FG FRAMES SHALL RECEIVE GEL COATING.

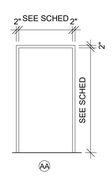
DOOR SCHEDULE REMARKS

1. ---

DOOR TYPES



DOOR FRAME TYPES



REMODEL GENERAL NOTES - DLSP TOILET/SHOWER BLDG 1027:

A. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

C. SEE SPEC SECTION 06 30 00 FOR ALL WOOD SCRAPING AND REPAIRING/PATCHING.

D. SEE SPEC SECTION 09 91 13 FOR EXTERIOR PRIMING AND PAINTING.

REMODEL LEGEND - DLSP TOILET/SHOWER BLDG 1027:

SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMODEL KEY NOTES - DLSP TOILET/SHOWER BLDG 1027

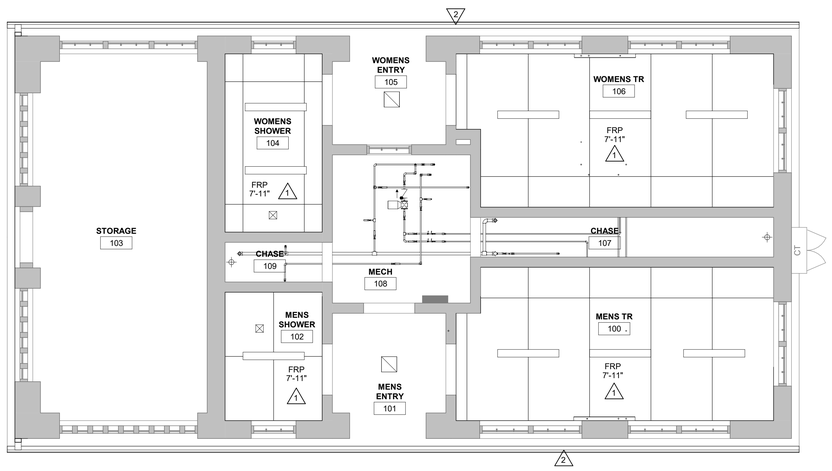
1	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD SIDING.
2	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD FASCIA AND SOFFIT.
3	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WINDOWS, AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
4	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD DOOR & FRAME AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
5	INSTALL NEW CONCRETE SLAB TO MATCH EXISTING CONCRETE SLAB THICKNESS & SLOPE TO DRAIN. DRAIN TO BE SET 1" LOWER THAN ADJACENT EXISTING CONCRETE SLAB. DOWEL NEW SLAB INTO EXISTING SLAB W/ 12" LONG #4 BARS @ 24" O.C. W/ 6" EMBEDDMENT INTO EXISTING SLAB/WALL. SEE DETAIL 7A251.
6	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD WALL INFILL. APPLY SEALANT AROUND PERIMETER.
7	NEW PLUMBING FIXTURE PROVIDED BY PLUMBING.
8	NEW FLOOR DRAIN PROVIDED BY PLUMBING.
9	NEW FLOOR MOUNTED URINAL PROVIDED BY PLUMBING.
10	NEW WATER HEATER PROVIDED BY PLUMBING.
11	INSTALL 8" CMU BETWEEN URINALS - TOP OF WALL TO MATCH TOP OF URINALS - COORDINATE WITH PLUMBING.
12	PROVIDE NEW METAL GUTTER DOWNSPOUT.
13	INSTALL NEW CONCRETE SLAB TO MATCH EXISTING CONCRETE SLAB THICKNESS. DOWEL NEW SLAB INTO EXISTING SLAB W/ 12" LONG #4 BARS @ 24" O.C. W/ 6" EMBEDDMENT INTO EXISTING SLAB.
14	PROVIDE NEW TOILET PARTITIONS.
15	PROVIDE NEW CERAMIC FLOOR TILE AND WALL TILE - SEE INTERIOR DESIGN.
16	PATCH EXISTING CLAY TILE/BRICK WALL WITH MORTAR AT NEW PLUMBING PIPING, HOSE BIB AND RECESSED LOCKABLE BOX (SEE SHEET P260 & P261) FOR NEW WALL FINISH (SEE SHEET D260).

ACCESSORIES GENERAL NOTES:

1. NOT ALL ACCESSORIES REFERENCED ON SHEET G003 ARE INCLUDED IN THIS PROJECT. SEE ENLARGED FLOOR PLANS / ELEVATION SHEETS FOR ACCESSORIES LOCATIONS / LAYOUT.
2. ALL ACCESSORIES TO BE **PROVIDED AND INSTALLED BY CONTRACTOR,** UNLESS NOTED OTHERWISE
3. CONFIRM EXACT LOCATION OF EACH ACCESSORY WITH OWNER PRIOR TO INSTALLATION.
4. SURFACE MOUNTED ACCESSORIES SHALL BE INSTALLED OVER WALL TILE.
5. OFCI = OWNER FURNISHED, CONTRACTOR INSTALLED. BASIS OF DESIGN MODEL PROVIDED BY OWNER; VERIFIED FOR PLACEMENT COORDINATION
6. PROVIDE INSULATION WRAP AT EXPOSED PIPING AT SINKS WHERE NO OTHER PROTECTION IS PROVIDED - COORDINATE WITH PLUMBING.

ACCESSORY SCHEDULE

MARK	ITEM	OFOI	OFCI	CFCI	HEIGHT A.F.F.	COMMENTS
001D	GRAB BAR, 36" HORIZONTAL			X	CENTER AT 2'-10" A.F.F.	
001F	GRAB BAR, 42" HORIZONTAL			X	CENTER AT 2'-10" A.F.F.	
003B	TOILET PAPER 2 ROLL JUMBO		X		SEE MOUNTING HEIGHTS DRAWINGS	
004A	SOAP DISPENSER MANUAL		X		SEE MOUNTING HEIGHTS DRAWINGS	
006B	MIRROR, 18" x 36"			X	SEE MOUNTING HEIGHTS DRAWINGS	
007	SANITARY NAPKIN DISPOSAL			X	SEE MOUNTING HEIGHTS DRAWINGS	
008	ELECTRIC HAND DRYER			X	SEE MOUNTING HEIGHTS DRAWINGS	
011	SHARPS		X		SEE MOUNTING HEIGHTS DRAWINGS	
012B	COAT HOOK, 1 HOOK			X	SEE MOUNTING HEIGHTS DRAWINGS	
012C	COAT HOOK, 3 HOOK			X	SEE MOUNTING HEIGHTS DRAWINGS	
012D	COAT HOOK, 5 HOOK			X	SEE MOUNTING HEIGHTS DRAWINGS	
018	30" x 36" L-SHAPED HORIZONTAL GRAB BAR			X	CENTER AT 2'-10" A.F.F.	
019	SOAP DISH			X	TOP @ 3'-6" A.F.F.	
021	STAINLESS STEEL SHELF, 18"W x 6"D			X	TOP AT 4'-0" A.F.F.	



3 REFLECTED CEILING PLAN

1/4" = 1'-0"

RCP GENERAL NOTES - DLSP TOILET/SHOWER BLDG 1027:

A. SEE ELECTRICAL FOR LIGHTING TYPES.

B. ALL REMAINING ANNULAR SPACE AROUND ITEMS PENETRATING WALLS SHALL BE NEATLY SEALED.

C. REFER TO INTERIOR DESIGN SHEETS FOR OTHER FINISHES.

D. CEILING TYPES INSTALLED AS NOTED ON PLANS. SEE SPECIFICATIONS FOR ADDITIONAL SYSTEM INFORMATION.
FRP=FIBERGLASS REINFORCED PLASTIC

E. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

RCP LEGEND - DLSP TOILET/SHOWER BLDG 1027:

LIGHT FIXTURE - SEE ELECTRICAL

LIGHT FIXTURE - SEE ELECTRICAL

CEILING GRILLE 6"x6" ALUM LOUVERED GRILLE

RCP KEY NOTES - DLSP TOILET/SHOWER BLDG 1027

1	PROVIDE NEW FRP CEILING PANELS FASTENED TO EXISTING SUBSTRATE WITH TRIM AT ADJOINING PANELS AND OVER ALL SCREWS HEADS.
2	PROVIDE NEW METAL GUTTER SYSTEM.

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DEPARTMENT OF NATURAL RESOURCES
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Sheet Title:
DLSP TOILET/SHOWER BUILDING 1027 PLANS AND DOOR SCHEDULE

Revisions:

No.	Date:	Description:

Graphic Scale	0' 1' 2' 4' 6'
DFD Number	24B2B
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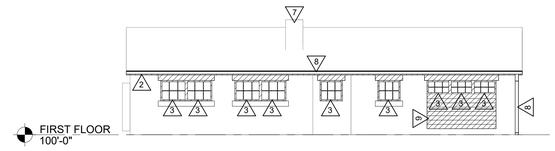
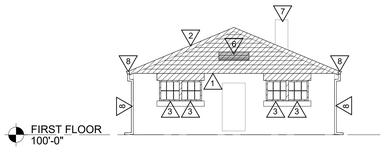


1 NORTH ELEVATION

1/8" = 1'-0"

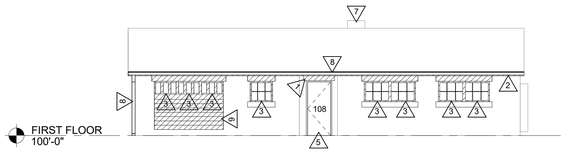
0' 2' 4' 8' 12'



2 EAST ELEVATION

1/8" = 1'-0"

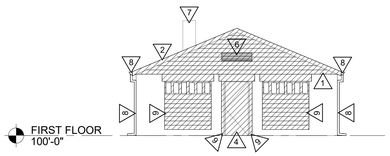
0' 2' 4' 8' 12'



3 SOUTH ELEVATION

1/8" = 1'-0"

0' 2' 4' 8' 12'



4 WEST ELEVATION

1/8" = 1'-0"

0' 2' 4' 8' 12'

ELEVATION GENERAL NOTES - DLSP TOILET/SHOWER BLDG 1027:

A. SEE SPECIFICATION FOR MATERIAL TYPE.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

C. SEE SPEC SECTION 06 30 00 FOR ALL WOOD SCRAPING AND REPAIRING/PATCHING.

D. SEE SPEC SECTION 09 91 13 FOR EXTERIOR PRIMING AND PAINTING.

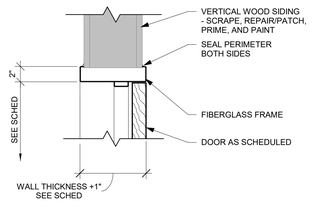
ELEVATION LEGEND - DLSP TOILET/SHOWER BLDG 1027:

1 KEYNOTE TAG

WOOD FINISH

ELEVATION KEY NOTES - DLSP TOILET/SHOWER BLDG 1027

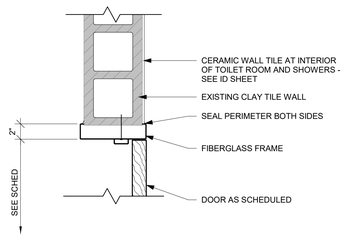
1	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD SIDING.
2	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD FASCIA AND SOFFIT.
3	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WINDOWS, AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
4	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD DOOR & FRAME AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
5	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD WALL INFILL.
6	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD WALL LOUVER. APPLY SEALANT AROUND PERIMETER.
7	EXISTING STONE CHIMNEY TO REMAIN.
8	PROVIDE NEW METAL GUTTER AND DOWNSPOUT SYSTEM.
9	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING HOLLOW METAL DOOR & FRAME AND WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.



5 DOOR HEAD DETAIL

1 1/2" = 1'-0"

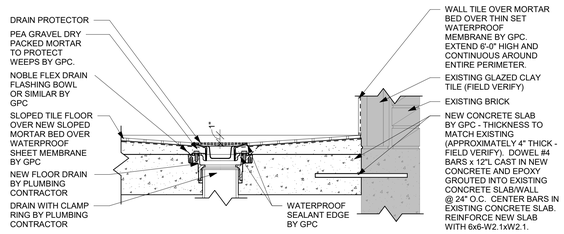
0' 2" 4" 8" 1'



6 DOOR JAMB DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'



7 SHOWER FLOOR DRAIN DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP TOILET/SHOWER BUILDING 1027 ELEVATIONS AND DETAILS

Revisions:

No.	Date:	Description:

Graphic Scale	VARIES
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A261

SITE PHOTO KEY NOTES - DLSP TOILET/SHOWER BLDG 1027

1	REMOVE EXISTING HOLLOW METAL DOOR AND FRAME. PROVIDE NEW FIBERGLASS DOOR & FRAME - SEE DOOR SCHEDULE.
2	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD SIDING.
3	SCRAPE, REPAIR/PATCH, PRIME, AND PAINT EXISTING WOOD WINDOW & WOOD TIMBER LINTEL. APPLY SEALANT AROUND PERIMETER.
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5	EXISTING PLUMBING FIXTURE TO BE REMOVED BY PLUMBING. NEW PLUMBING FIXTURE TO BE PROVIDED BY PLUMBING.
6	EXISTING ELECTRICAL HAND DRYER TO BE REMOVED BY ELECTRICAL. NEW HAND DRYERS TO BE PROVIDED BY ELECTRICAL.
7	REMOVE EXISTING ACCESSORIES.
8	REMOVE EXISTING FRP PANEL CEILING. PROVIDE NEW FRP CEILING PANELS FASTENED TO EXISTING SUBSTRATE WITH TRIM AT ADJOINING PANELS AND OVER ALL SCREWS HEADS.
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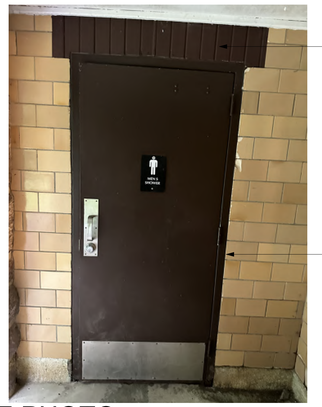

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP TOILET/SHOWER BUILDING 1027 SITE PHOTOS

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A262

SITE PHOTO KEY NOTES - DLSP TOILET/SHOWER BLDG 1027

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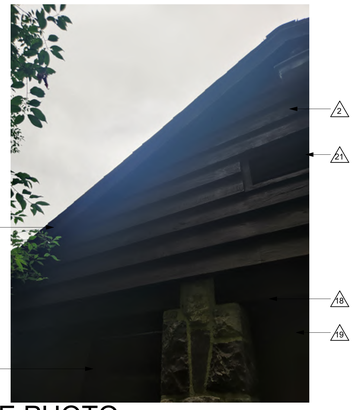

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP TOILET/SHOWER BUILDING 1027 SITE PHOTOS

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A263

SITE PHOTO KEY NOTES - DLSP TOILET/SHOWER BLDG 1027

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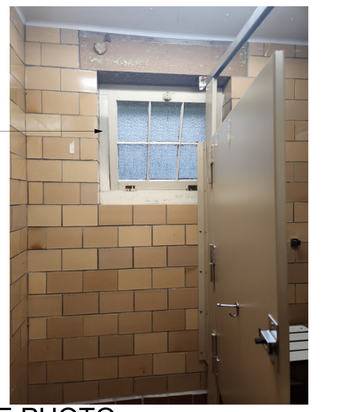

9 SITE PHOTO

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP TOILET/SHOWER BUILDING 1027 SITE PHOTOS

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A264

MASTER COLOR SCHEDULE - DLSP TR/SHOWER BLD 1027

	MANUFACTURER / COLOR	GENERAL LOCATION	REMARKS
09 30 00 TILE			
TLE-1 (Tile)	**Manufacturer:** Virginia Tile - Milestone **Product:** Net Zero **Color:** Grey **Size:** 2x2" Mosaic & 6x12" Cove Base	FLOOR TILE See ID Sheets	Comparable Products by Prior Approval
TLE-2	**Manufacturer:** Virginia Tile - Crossville **Product:** Portugal **Color:** PTG04 - Tinta Negra (Warm Mid) **Finish:** UPS **Size:** 6x24" & 4x24" Bullnose **Installation:** Horizontal 1/3 Offset	WALL TILE Bullnose at window & urninal ledges. See ID Sheets	Comparable Products by Prior Approval

	MANUFACTURER / COLOR	GENERAL LOCATION	REMARKS
09 90 00 PAINTS AND COATINGS			
PNT-1 (Paint)	**Manufacturer:** Sherwin Williams **Color:** TBD **Color Code:**	Wood Timber Lintels See ID Sheets	Approved on
PNT-2	**Manufacturer:** Sherwin Williams **Color:** TBD **Color Code:**	Frames	Approved on
10 21 13 TOILET COMPARTMENTS			
TP-1 (Toilet Partition)	**Manufacturer:** ASI Global Partitions **Product:** Solid Plastic Toilet & Shower Partitions **Color:** Olive #9223 **Finish:** TBD	Toilet Partitions	Comparable Products by Approval

INTERIOR GENERAL NOTES - DLSP TR/SHOWER BLDG 1027:

A. REFERENCES TO PAINT PERTAIN TO COLOR ONLY; PAINT TYPE SHALL BE IDENTIFIED IN THE ARCHITECTURAL SPECIFICATIONS.

B. REFER TO MASTER COLOR SCHEDULE FOR MATERIAL FINISH SPECIFICATIONS, ANNOTATIONS, AND ADDITIONAL INFORMATION.

C. TOILET AND SHOWER ROOM WALL AND FLOOR GROUT LINES SHALL ALIGN TO CONTINUE PATTERN THROUGHOUT. SEE TYPICAL ELEVATED PATTERNING ON ID260.

D. AT DISSIMILAR FLOORING FINISHES, SET JOINT OF MATERIALS AT CENTER OF DOOR. TRANSITIONS TO BE ADA COMPLIANT.

INTERIOR FINISH KEY PLAN - DLSP TR/SHOWER BLDG 1027:

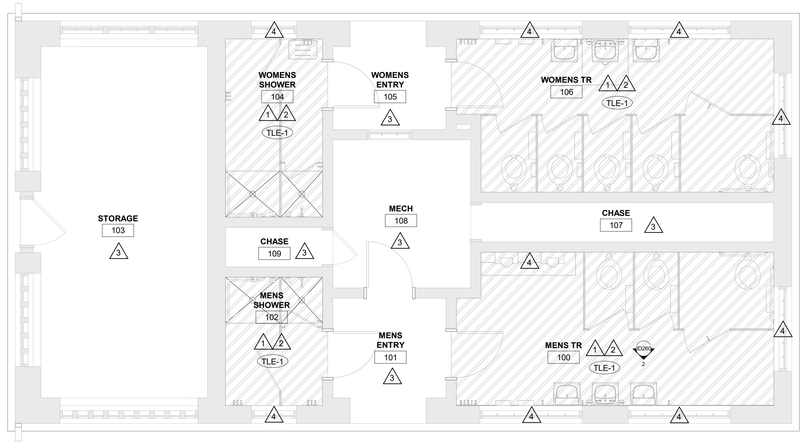
- (2) SEE ROOM FINISH REMARKS
- (XXX) WALL BASE
- PT-X ACCENT PAINT

INTERIOR FINISH LEGEND - DLSP TR/SHOWER BLDG 1027:

TLE-1 | TLE-2

ROOM FINISH REMARKS-DLSP TR/SHOWER BLDG 1027

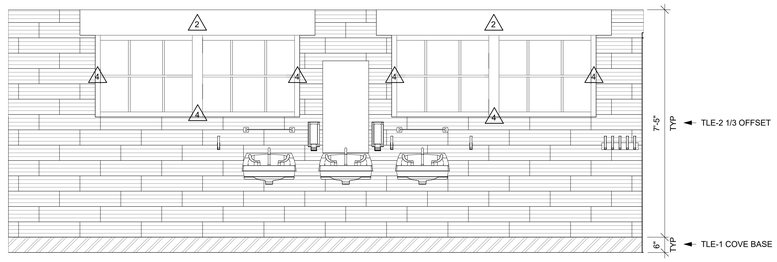
1	FULL HEIGHT TILE - ALL WALLS - UNLESS OTHERWISE NOTED. SEE ELEVATIONS ON ID260.
2	PAINT WOOD TIMBER LINTELS PNT-1.
3	NO WORK.
4	BULLNOSE TLE-2 AROUND WINDOW & URINAL LEDGES.



1 TOILET/SHOWER BUILDING 1027 - FINISH FLOOR PLAN

1/4" = 1'-0"

0' 1' 2' 4' 6'



2 TSB 1027 - TYPICAL TILE ELEVATION

1/2" = 1'-0"

0' 6" 1' 2' 3'

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Sheet Title:
DLSP TOILET/SHOWER BUILDING 1027 INTERIOR PLANS

Revisions:

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Graphic Scale	VARIES
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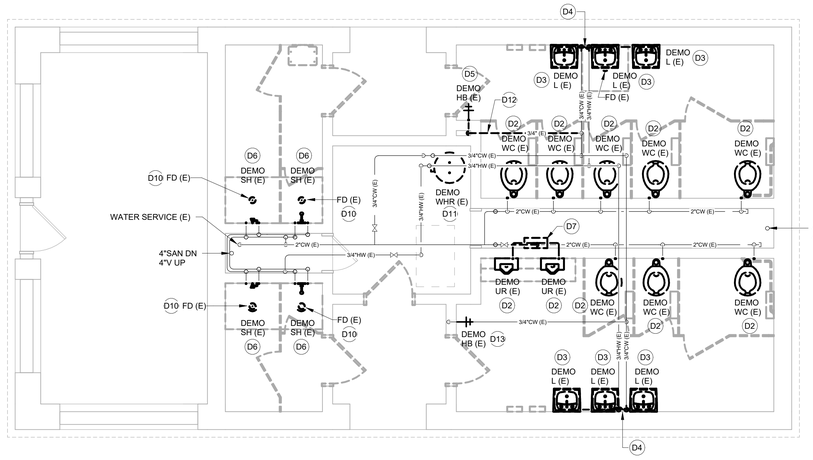

1 P260 TOILET/SHOWER BUILDING 1027 - DEMOLITION

0 2' 4' 8'

GENERAL NOTES:

1. PC SHALL VISIT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO CONSTRUCTION. PC SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK.
2. PC SHALL MAINTAIN AND PROTECT ALL EXISTING PIPING AND FIXTURES THAT ARE TO REMAIN DURING CONSTRUCTION.
3. IF A DEAD END IS CREATED IN THE REMOVAL OF ANY PART OF A DRAIN SYSTEM, ALL OPENINGS IN THE DRAIN SHALL BE PROPERLY SEALED.
4. THE PLUMBING CONTRACTOR SHALL FIELD VERIFY NO DEAD ENDS IN WATER DISTRIBUTION SYSTEM EXCEEDING A DEVELOPED LENGTH NO MORE THAN TWO FEET (2') SHALL REMAIN.

DEMOLITION KEYED NOTES

(KEYED NOTES PER PROJECT)

D2 DEMOLISH EXISTING FIXTURES INDICATED AND INSPECT PIPING FOR DAMAGE PRIOR TO INSTALLATION OF NEW FIXTURE. INTENT IS TO REUSE EXISTING CW, SAN, AND VENT FOR NEW FIXTURES. REFER TO NEW CONSTRUCTION FOR NEW FIXTURE TYPE.

D3 DEMOLISH EXISTING LAVATORY INDICATED AND INSPECT SANITARY PIPING FOR DAMAGE PRIOR TO INSTALLATION OF NEW FIXTURE. INTENT IS TO REUSE EXISTING SANITARY AND VENT PIPING FOR NEW FIXTURES. REFER TO NEW CONSTRUCTION FOR NEW FIXTURE TYPE.

D4 CAREFULLY DEMOLISH EXISTING COLD WATER AND HOT WATER PIPING BACK TO A POINT TO ALLOW FOR REFINISHING OF INTERIOR WALL. PREP PIPING FOR FUTURE EXTENSION TO NEW FIXTURES.

D5 DEMOLISH EXISTING HOSE BIBB COMPLETE. INTENT IS TO ABANDON INACCESSIBLE COLDWATER PIPING IN WALL TO MINIMIZE DISTURBANCE TO THE EXISTING WALL. COORDINATE REQUIRED WALL DEMOLITION WITH GPC PRIOR TO PROCEEDING. REFER TO NEW CONSTRUCTION PLANS FOR NEW FIXTURE TYPE AND PIPE ROUTING.

D6 DEMOLISH EXISTING SHOWER VALVE AND SHOWER HEAD AS INDICATED. INSPECT COLD WATER AND HOT WATER PIPING FOR DAMAGE PRIOR TO INSTALLATION OF NEW FIXTURE. INTENT IS TO REUSE EXISTING COLD WATER AND HOT WATER PIPING FOR NEW FIXTURES. REFER TO NEW CONSTRUCTION FOR NEW FIXTURE TYPE.

D7 DEMOLISH EXISTING WATER TANK SERVING URINALS AS SHOWN. DEMOLISH EXISTING COLD WATER PIPING FEEDING TANK BACK TO MAIN AND CAP.

D10 GPC CUT AND REMOVE EXISTING FLOOR TO ALLOW FOR DEMOLITION OF FLOOR DRAIN. PC TO DEMOLISH EXISTING FLOOR DRAIN AND INSPECT EXISTING PIPING FOR DAMAGE. PREP EXISTING PIPING FOR INSTALLATION OF NEW FLOOR DRAIN. GPC TO PATCH FLOOR TO MATCH EXISTING.

D11 DEMOLISH EXISTING WATER HEATER COMPLETE.

D12 DEMOLISH EXISTING PIPING FROM WALL BACK TO NEAREST ACTIVE MAIN. CAP ABANDON PIPING AT WALL AND CAP AT NEAREST ACTIVE MAIN.

D13 DEMOLISH EXISTING HOSE BIBB. INTENT IS TO REUSE COLDWATER PIPING IN WALL TO MINIMIZE DISTURBANCE TO THE EXISTING WALL. COORDINATE REQUIRED WALL DEMOLITION WITH GPC PRIOR TO PROCEEDING.

EXISTING CONDITIONS ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR THE EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

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Department of Administration
Division of Facilities Development

SAUK, COLUMBIA, & JUNEAU COUNTIES

CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA, & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP TOILET/SHOWER BUILDING 1027 DEMOLITION PLANS - PLUMBING

Revisions:

No.	Date:	Description:

Graphic Scale	SEE PLANS
DFD Number	24B2B
Set Type	BD
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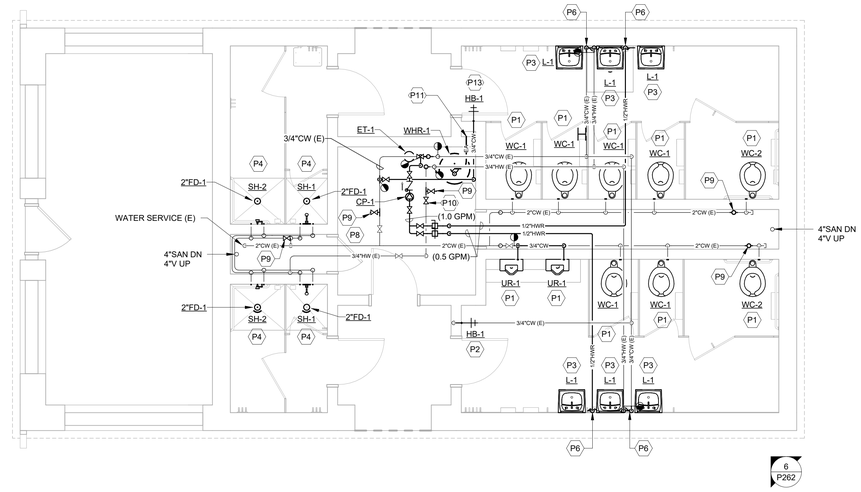

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P262

1
P261

TOILET/SHOWER BUILDING 1027 - PLUMBING

0 2' 4' 8'

GENERAL NOTES:

1. PC SHALL VISIT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO CONSTRUCTION. PC SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK.
2. PC SHALL MAINTAIN AND PROTECT ALL EXISTING PIPING AND FIXTURES THAT ARE TO REMAIN DURING CONSTRUCTION.
3. IF A DEAD END IS CREATED IN THE REMOVAL OF ANY PART OF A DRAIN SYSTEM, ALL OPENINGS IN THE DRAIN SHALL BE PROPERLY SEALED.
4. THE PLUMBING CONTRACTOR SHALL FIELD VERIFY NO DEAD ENDS IN WATER DISTRIBUTION SYSTEM EXCEEDING A DEVELOPED LENGTH NO MORE THAN TWO FEET (2') SHALL REMAIN.

KEYED NOTES

(KEYED NOTES PER PROJECT)

P1 INSTALL NEW FIXTURE AND CONNECT TO EXISTING SANITARY, VENT AND COLD WATER PIPING.
P2 INSTALL NEW HOSE BIBB AND CONNECT TO EXISTING COLD WATER PIPING.
P3 INSTALL LAVATORY AND CONNECT TO EXISTING SANITARY AND VENT. CONNECT NEW COLD AND HOT WATER PIPING TO NEW LAVATORY.
P4 INSTALL NEW SHOWER HEAD, SHOWER VALVE AND CONNECT TO EXISTING COLD AND HOT WATER PIPING.
P6 DOMESTIC WATER PIPING THAT IS TO BE MOUNTED ON FINISHED WALL SHALL BE TYPE 'L' COPPER.
P8 PC TO LOCATE AND INSTALL MULTIPLE SHUTOFF VALVE AND 3/4" FEMALE THREADED CONNECTION FOR COMPRESSED AIR HOOKUP TO ALLOW FOR DOMESTIC WATER SYSTEM BLOWOUT.
P9 PROVIDE SHUTOFF VALVE AND COMPRESSED AIR CONNECTIONS ON WATER PIPING FOR BLOWING OUT OF PIPING.
P10 INSTALL NEW SHUTOFF VALVE.
P11 CONNECT NEW WATER HEATER EXHAUST DUCT TO EXISTING EXHAUST DUCT DISCHARGE LOCATION.
P13 INSTALL NEW HOSE BIBB AND CONNECT TO NEW COLD WATER PIPING FROM MECHANICAL ROOM.

EXISTING CONDITIONS ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR THE EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

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Sheet Title:
DLSP TOILET/SHOWER BUILDING 1027 NEW WORK PLANS - PLUMBING

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Graphic Scale	SEE PLANS
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GAS WATER HEATER SCHEDULE

ID	MANUFACTURER MODEL #	GAS CFH	GAS PRESS IN WC	ELECTRICAL		RECOVERY		TANK CAP GAL	MAX EFF%	DETAIL / SHEET	DESCRIPTION / REMARKS
				VOLTS	PHASE	GPH	RISE °F				
WHR-1	BRADFORD WHITE UCG-80H-199-3X	199	11"	120	1	246	80	80	82%	5/P262	ATMOSHERIC VEST WATER HEATER, GLASS LINED TANK, LIQUID PROPANE GAS FIRED, LCD DISPLAY. SET DISCHARGE TEMPERATURE TO 120 DEGREES FAHRENHEIT. INCLUDE POWER VENT KIT 239-81764-00.

* ALL SCHEDULED ITEMS ARE BASIS OF DESIGN, REFER TO SPECIFICATIONS FOR APPROVED ALTERNATES.

CIRCULATION PUMP SCHEDULE

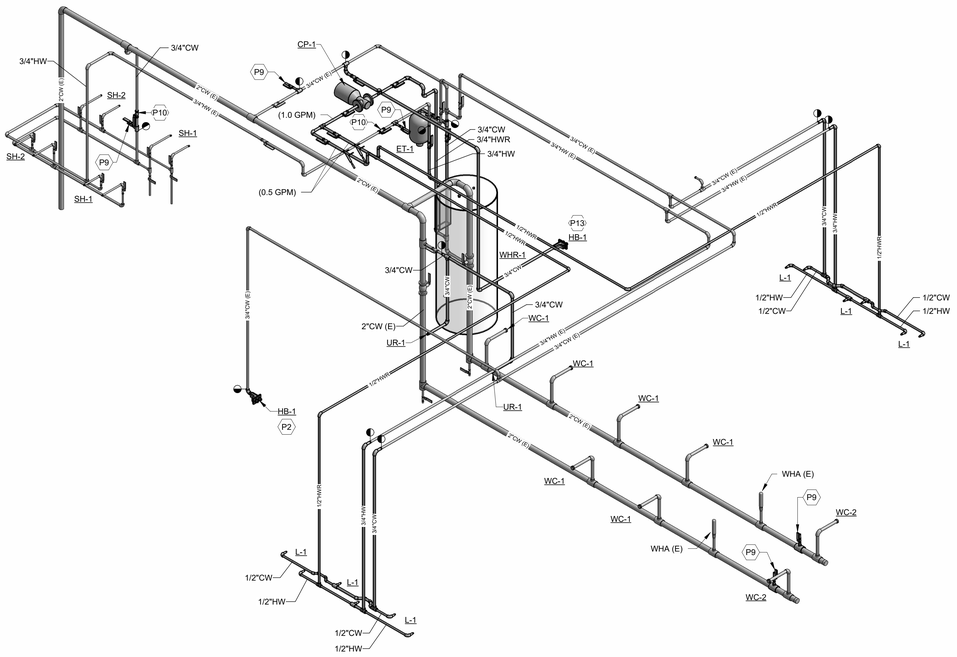
ID	MANUFACTURER MODEL #	ELECTRICAL				RPM	DISCHARGE		DETAIL / SHEET	DESCRIPTION / REMARKS
		HP	AMPS	VOLTS	PHASE		GPM	HD FT		
CP-1	B&G NBF-9U	FRACT	0.4	120	1	2800	1	2.5	5/P262	INLINE PUMP, SINGLE SPEED, LUBRICATED, BRONZE LEAD-FREE BODY, CERAMIC SHAFT, CARBON BEARING, NORYL IMPELLER, STAINLESS STEEL COMPONENTS, INCLUDE TIMER KIT TC-1.

* ALL SCHEDULED ITEMS ARE BASIS OF DESIGN, REFER TO SPECIFICATIONS FOR APPROVED ALTERNATES.

EXPANSION TANK SCHEDULE

ID	MANUFACTURER MODEL #	SIZE		VOLUME GALLON	SYSTEM	PRESSURE RATING PSI	DETAIL / SHEET	DESCRIPTION / REMARKS
		DIA	HEIGHT					
ET-1	AMTROL ST-5C-DD	8"	14"	2	DOMESTIC	150	5/P262	STEEL THERMAL EXPANSION TANK, ASME, NSF/ANSI 61 BUTYL DIAPHRAGM, PRECHARGED, STAINLESS STEEL CONNECTION.

* ALL SCHEDULED ITEMS ARE BASIS OF DESIGN, REFER TO SPECIFICATIONS FOR APPROVED ALTERNATES.

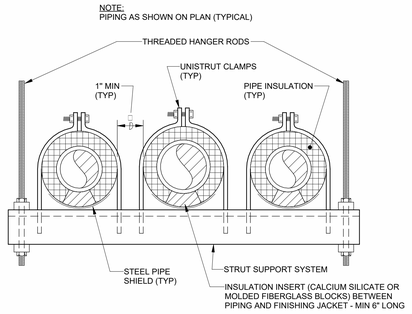


6 PARTIAL DOMESTIC WATER ISOMETRIC
P262 SCALE: NONE

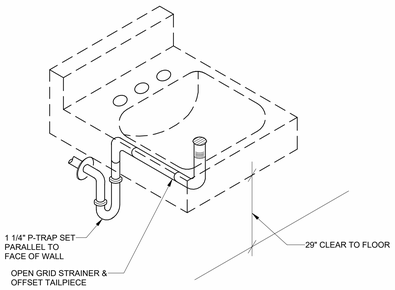
KEYED NOTES

(KEYED NOTES PER PROJECT)

P2 INSTALL NEW HOSE BIBB AND CONNECT TO EXISTING COLD WATER PIPING.
P9 PROVIDE SHUTOFF VALVE AND COMPRESSED AIR CONNECTIONS ON WATER PIPING FOR BLOWING OUT OF PIPING.
P10 INSTALL NEW SHUTOFF VALVE.
P13 INSTALL NEW HOSE BIBB AND CONNECT TO NEW COLD WATER PIPING FROM MECHANICAL ROOM.

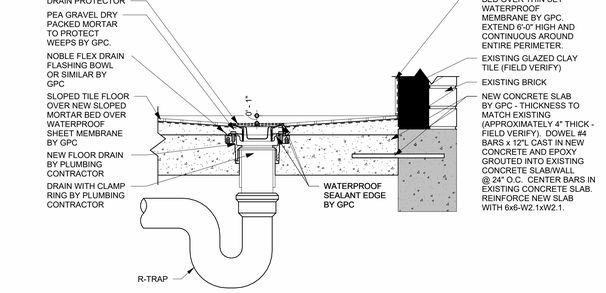


4 TRAPEZE HANGER DETAIL
P262 SCALE: NONE

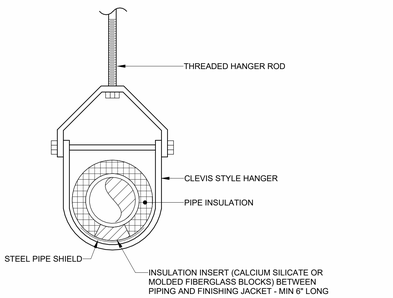


1 WALL HUNG LAVATORY - BARRIER FREE
P262 SCALE: NONE

5 WATER HEATER (WHR-1) DETAIL
P262 SCALE: NONE



2 SHOWER FLOOR DRAIN DETAIL
P262 SCALE: NONE



3 PIPE HANGER DETAIL
P262 SCALE: NONE

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Sheet Title:
DLSP TOILET/SHOWER BUILDING 1027 SCHEDULES AND DETAILS - PLUMBING

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Graphic Scale	NONE
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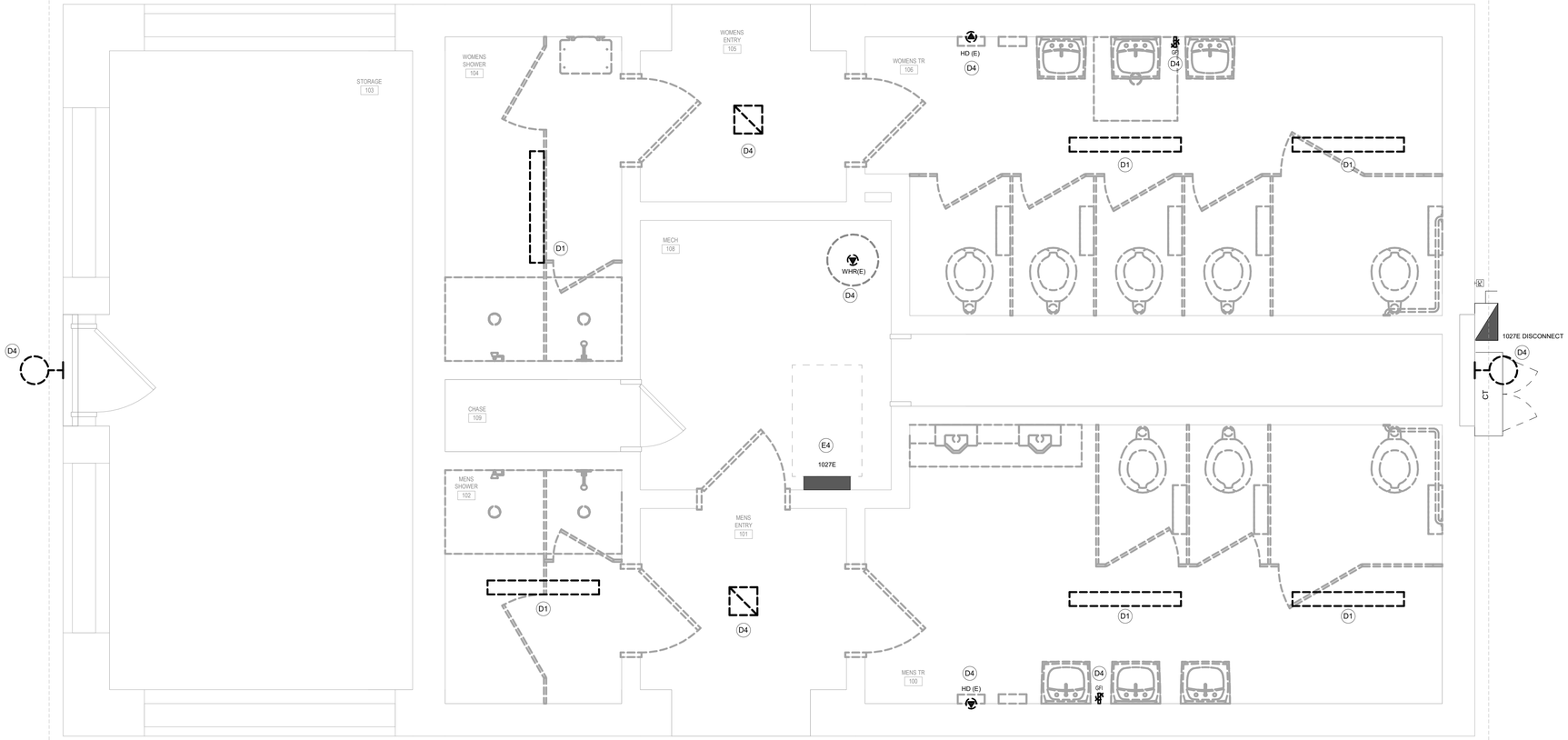
DEMOLITION KEYED NOTES

(KEYED NOTES PER PROJECT)

- D1 EXISTING EQUIPMENT TO BE REMOVED. DISCONNECT AND REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REFER TO ONE-LINE ON SHEET E202.
- D4 EXISTING DEVICE TO BE REPLACED. MAINTAIN CONDUIT AND CONDUCTORS FOR NEW DEVICE INSTALLED IN SAME LOCATION.
- E4 EXISTING 240/120V 1-PHASE, 3-WIRE 225A CUTLER-HAMMER PRL1 PANELBOARD "1027E" TO REMAIN.



1 E260 TOILET/SHOWER BUILDING 1027 – DEMOLITION

SCALE: 1/2" = 1'-0"

Panelboard: 1027E — DEMO

Location: MECH 108 **Voltage:** 240V/120 **A.I.C. Rating:** 22,000 AIC
Supply From: UTILITY **Phases:** 1 **Mains Type:** MLO
Mounting: SURFACE **Wires:** 3 **Bus Rating:** 225 A
Enclosure: Type 1

CKT	Circuit Description	Note	Trip	Poles	A (kVA)	B (kVA)	C (kVA)	Poles	Trip	Note	Circuit Description	CKT
1	[SPACE]		--	1	-- --			1	--		[SPACE]	2
3	[SPACE]		--	1		-- --		1	--		[SPACE]	4
5	[SPACE]		--	1	-- --			1	--		[SPACE]	6
7	[SPACE]		--	1		-- --		1	--		[SPACE]	8
9	[SPACE]		--	1	-- --			1	--		[SPACE]	10
11	[SPACE]		--	1		-- --		1	--		[SPACE]	12
13	PEDS 703-117-119-120-123		100 A	2	0 0			2	100 A		SPARE	14
15						0 0						16
17	SPARE		30 A	2	0 0			2	100 A		PEDS 188-190-192-193-110-109	18
19						0 0						20
21	WOMEN'S HAND DRYER		20 A	1	0 0			1	20 A		WATER HEATER	22
23	MENS HAND DRYER		20 A	1		0 0		1	20 A		BATH ROOM CIRCUITS - KIT	24
25	RESTROOM LIGHTS		20 A	1	0 0			1	20 A		SHOWER LIGHTS	26
27	BATH ROOM CIRCUITS		20 A	1		0 0		1	20 A		BATH ROOM CIRCUITS - LITE	28
29	BATH ROOM CIRCUITS		20 A	1	0 0			1	20 A		BATH ROOM CIRCUITS - ROOF FAN	30
			Total Load:		0 kVA	0 kVA	0 kVA					
			Total Amps:		0 A	0 A	0 A					

FEEDER BREAKER NOTES:

- (G) GROUND FAULT PROTECTION
- (M) INTEGRAL METER
- (S) SURGE PROTECTION
- (ST) SHUNT TRIP BREAKER
- (LN) BREAKER LOCK IN ON POSITION
- (LF) BREAKER LOCK IN OFF POSITION
- (AF) ARC FAULT PROTECTION
- (G/AF) COMBINATION GFCI/AFCI

ADJUSTABLE TRIP SETTINGS:

- (IT) INSTANTANEOUS SETTING
- (LT) LONG TERM SETTING
- (ST) SHORT TERM SETTING

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 kVA
				Total Est. Demand:	0 kVA
				Total Conn.:	0 A
				Total Est. Demand:	0 A

Notes:

Panelboard: 1027E — NEW

Location: MECH 108 **Voltage:** 240V/120 **A.I.C. Rating:** 22,000 AIC
Supply From: UTILITY **Phases:** 1 **Mains Type:** MLO
Mounting: SURFACE **Wires:** 3 **Bus Rating:** 225 A
Enclosure: Type 1

CKT	Circuit Description	Note	Trip	Poles	A (kVA)	B (kVA)	C (kVA)	Poles	Trip	Note	Circuit Description	CKT
1	[SPACE]		--	1	-- --			1	--		[SPACE]	2
3	[SPACE]		--	1		-- --		1	--		[SPACE]	4
5	[SPACE]		--	1	-- --			1	--		[SPACE]	6
7	[SPACE]		--	1		-- --		1	--		[SPACE]	8
9	[SPACE]		--	1	-- --			1	--		[SPACE]	10
11	[SPACE]		--	1		-- --		1	--		[SPACE]	12
13	PEDS 703-117-119-120-123		100 A	2	0 0			2	100 A		SPARE	14
15						0 0						16
17	SPARE		30 A	2	0 0			2	100 A		PEDS 188-190-192-193-110-109	18
19						0 0						20
21	WOMENS HAND DRYER		20 A	1	1.2 0.6			1	20 A		WH-1 - WATER HEATER	22
23	MENS HAND DRYER		20 A	1		1.2 0.06		1	20 A		Lighting Room 101-1, 105-1	24
25	Lighting Room 106-1, 100-1		20 A	1	0.41 0.15			1	20 A		Lighting Room 104-1, 102-1	26
27	Receptacle Room 100-1, 106-1		20 A	1		0.36 0		1	20 A		BATH ROOM CIRCUITS - LITE	28
29	Other MECH-2 108-2		20 A	1	0.05 0			1	20 A		BATH ROOM CIRCUITS - ROOF FAN	30
			Total Load:		2.4 kVA	1.6 kVA	0 kVA					
			Total Amps:		20 A	14 A	0 A					

FEEDER BREAKER NOTES:

- (G) GROUND FAULT PROTECTION
- (M) INTEGRAL METER
- (S) SURGE PROTECTION
- (ST) SHUNT TRIP BREAKER
- (LN) BREAKER LOCK IN ON POSITION
- (LF) BREAKER LOCK IN OFF POSITION
- (AF) ARC FAULT PROTECTION
- (G/AF) COMBINATION GFCI/AFCI

ADJUSTABLE TRIP SETTINGS:

- (IT) INSTANTANEOUS SETTING
- (LT) LONG TERM SETTING
- (ST) SHORT TERM SETTING

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Other	3048 VA	125.00%	3810 VA		
Receptacle	360 VA	100.00%	360 VA	**Total Conn. Load:**	4 kVA
Lighting	621 VA	125.00%	776 VA	**Total Est. Demand:**	5 kVA
				Total Conn.:	17 A
				Total Est. Demand:	21 A

Notes: TOTAL ESTIMATED DEMAND SHOWS ONLY NEW LOADS ONLY.

NAME	DESCRIPTION
WHR(E)	EXISTING WATER HEATER
HD (E)	EXISTING HAND DRYER
HD (E)	EXISTING HAND DRYER

EXISTING CONDITIONS ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR THE EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

DEMOLITION GENERAL NOTES:

- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION-1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
- ALL DARK DASHED LINES APPROXIMATELY INDICATE EXISTING DEVICES TO BE DISCONNECTED AND REMOVED, UNLESS INDICATED OTHERWISE. REMOVE ANY/ALL UNUSED BOXES, WIRING AND CONDUIT BACK TO SOURCE. ALL PROPERLY SIZED AND PROPERLY SUPPORTED CONDUIT ONLY MAY BE REUSED.
- ALL SOLID LIGHT LINES INDICATE EXISTING DEVICES/EQUIPMENT TO REMAIN IN SERVICE, UNLESS NOTED OTHERWISE.
- ANY/ALL BOXES, CONDUIT, WIRING AND CABLING THAT IS DISCONNECTED AS PART OF THIS PROJECT SHALL BE REMOVED BACK TO SOURCE AND AVAILABLE COMPONENTS SHALL BE RELABELED AS 'SPARE' UNLESS NOTED OTHERWISE.
- EXISTING PROJECT CONDITIONS: INFORMATION PERTAINING TO EXISTING PROJECT CONDITIONS, SUCH AS PRESENT LOCATIONS OF ARCHITECTURAL AND STRUCTURAL BUILDING COMPONENTS, MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, ROUGH-INS AND OTHER MISCELLANEOUS CONSTRUCTION, APPEARS ON THE DRAWINGS. WHILE SUCH INFORMATION HAS BEEN BASED ON AVAILABLE RECORDS AND COLLECTED WITH REASONABLE CARE, THE ARCHITECT AND ENGINEER DO NOT ASSUME ANY EXPRESSED OR IMPLIED GUARANTEE THAT CONDITIONS SO INDICATED ARE SHOWN ENTIRELY COMPLETE, CORRECT AND REPRESENTATIVE OF THOSE ACTUALLY EXISTING. ALL CONTRACTORS SHALL SATISFY THEMSELVES AS TO ALL EXISTING JOB CONDITIONS PRIOR TO BIDDING, AND VERIFY ALL DIMENSIONS AT THE SITE.
- ELECTRICAL CONTRACTOR TO DE-ENERGIZE ANY/ALL EQUIPMENT DESIGNATED FOR DEMOLITION PRIOR TO REMOVAL BY OTHERS.
- WHERE EXISTING PANELS ARE BEING REUSED, PROVIDE NEW BREAKER(S) IN EXISTING PANEL(S) TO FEED ANY/ALL NEW LOADS SHOWN ON THE PLANS.
- REFER TO PHASING PLAN FOR MAINTAINING, DE-ENERGIZING, AND ENERGIZING EQUIPMENT.
- ALL EXISTING ELECTRICAL EQUIPMENT NOTED WITH A SUBSCRIPT "(ETR)" SHALL BE PROPERLY PROTECTED AGAINST DAMAGE DURING THE PERIOD OF THIS RENOVATION.
- WHERE MATERIALS ARE TO BE TURNED OVER TO OWNER OR REUSED AND INSTALLED BY CONTRACTOR, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN CONDITION OF MATERIALS AND EQUIPMENT AT NO ADDITIONAL COST TO OWNER.
- EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.

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DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title: DLSP TOILET/SHOWER BUILDING 1027 DEMOLITION PLANS - ELECTRICAL

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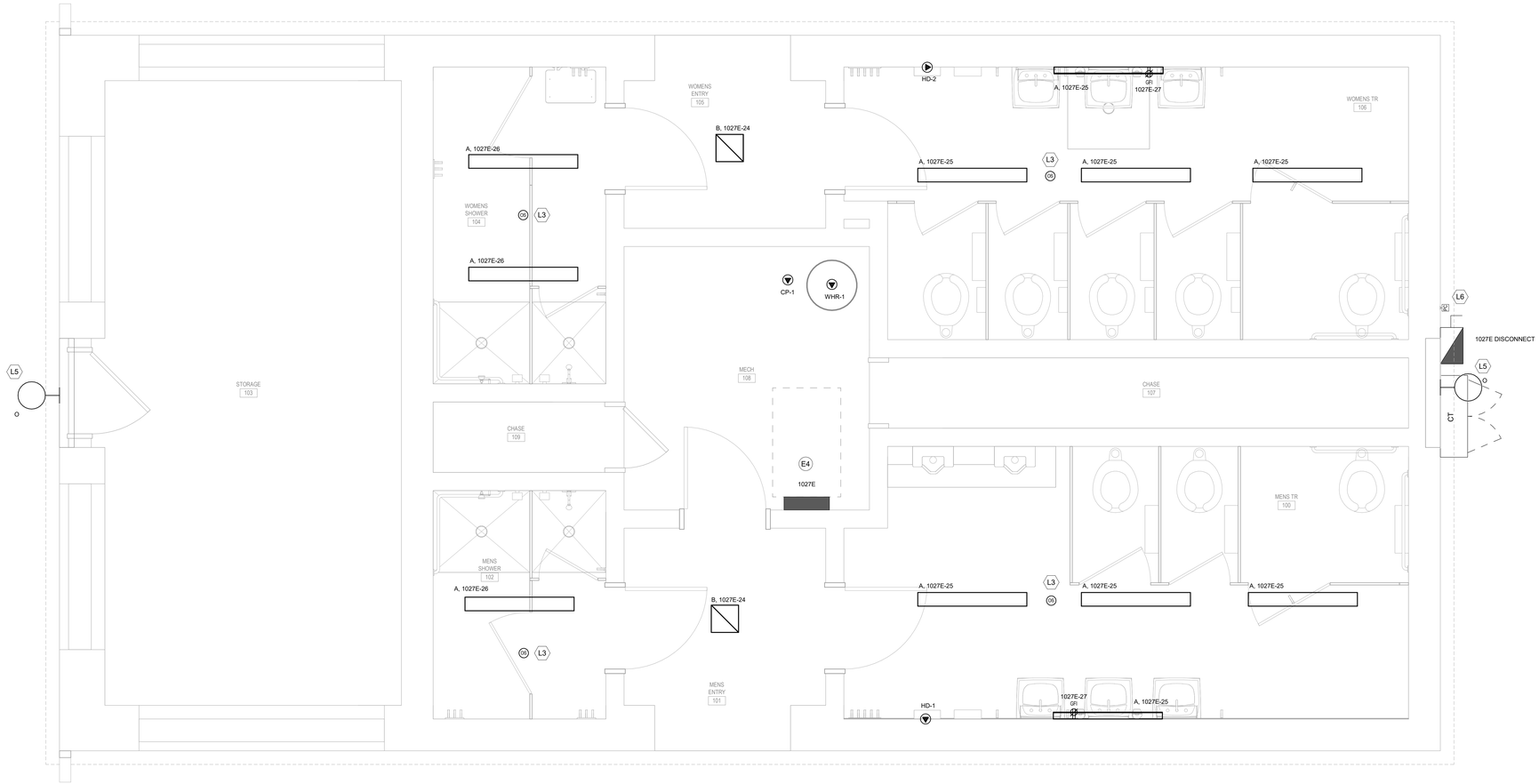
Sheet Number	E260

KEYED NOTES

(KEYED NOTES PER PROJECT)

- E4 EXISTING 240/120V 1-PHASE, 3-WIRE 225A CUTLER-HAMMER PRL1 PANELBOARD "1027E" TO REMAIN.
- L3 OCCUPANCY SENSOR WITH WIRE GUARD FOR CONTROL OF LIGHT FIXTURES.
- L5 RE-FEED NEW LIGHTING FIXTURE FROM EXISTING CIRCUIT. CONNECT TO EXISTING LIGHTING CONTROL.
- L6 EXISTING PHOTOCELL TO REMAIN. CONNECT NEW FIXTURES TO EXISTING CONTROLS.



1 E261 TOILET/SHOWER BUILDING 1027 – ELECTRICAL
SCALE: 1/2" = 1'-0"

ELECTRICAL CONNECTION SCHEDULE

TAG	DESCRIPTION	LOCATION NO	LOCATION NAME	LOAD kVA	LOAD F.L.A.	LOAD M.C.A.	LOAD VOLT	LOAD PH	CIRCUITING INFORMATION OCP (Amps)	CIRCUITING INFORMATION WIRE SIZE & CONDUIT	CIRCUITING INFORMATION PANEL	CIRCUITING INFORMATION CIRCUIT #	STARTER TYPE	STARTER FURNISHED / INSTALLED	CONTROLLER TYPE	CONTROLLER FURNISHED / INSTALLED	DISCONNECT TYPE	DISCONNECT FURNISHED / INSTALLED	ACCESSORIES	NEMA TYPE/CONFIGURATION	POWER SOURCE TYPE NORMAL	POWER SOURCE TYPE LIFE SAFETY	POWER SOURCE TYPE LEGALLY REQUIRED	POWER SOURCE TYPE OPTIONAL STAND-BY	FOOT NOTES
WHR-1	WATER HEATER	108	MECH	1	5	6	120	1	20	#12,#12N,#12G-3/4"C	1027E	22	MAN	MF	TC	MF	NFS	EC			•				
HD-1	HAND DRYER	100	MENS TR	1	10	13	120	1	20	#12,#12N,#12G-3/4"C	1027E	23	MAN	MF	0/0	MF	NFS	EC			•				
HD-2	HAND DRYER	106	WOMENS TR	1	10	13	120	1	20	#12,#12N,#12G-3/4"C	1027E	21	MAN	MF	0/0	MF	NFS	EC			•				
CP-1	CIRCULATION PUMP	108	MECH	0	0	1	120	1	20	#12,#12N,#12G-3/4"C	1027E	29	MAN	MF	TC	MF	NFS	EC			•				

STARTER TYPES:
- 2-SPD TWO SPEED
- CS COMBINATION STARTER
- ECM ECM CONTROLLER
- MAN MANUAL SWITCH
- FVNR FULL VOLTAGE NON-REVERSING
- FVR FULL VOLTAGE REVERSING
- RVS REDUCED VOLTAGE
- SS SOFT STARTER
- VFD VARIABLE FREQUENCY DRIVE

CONTROL DEVICES:
- 0/0 ON-OFF SELECTOR SWITCH
- BAS BUILDING AUTOMATION SYSTEM
- CT CONTACTOR
- ECP EQUIPMENT CONTROL PANEL
- HOA HAND-OFF-AUTO SWITCH
- PICS PROCESS CONTROL SYSTEM
- S/S STOP-START PUSHBUTTONS
- TC TEMPERATURE CONTROLS
- TS TEMPERATURE SENSOR

DISCONNECT TYPES:
- CB CIRCUIT BREAKER
- CF COMBINATION FUSED
- CN COMBINATION NON-FUSED
- FS FUSED SWITCH
- IU INTEGRAL WITH UNIT
- MCP MOTOR CIRCUIT PROTECTOR
- NFS NON-FUSED SWITCH

ACCESSORIES:
- AC AUXILLIARY CONTACTS
- GP GREEN (POWER) PILOT LIGHT
- RAG RED, AMBER & GREEN PILOT LIGHTS
- RG RED & GREEN PILOT LIGHTS

ABBREVIATIONS:
- EC ELECTRICAL CONTRACTOR
- GC GENERAL CONTRACTOR
- MC MECHANICAL CONTRACTOR
- MF MANUFACTURER
- TC TEMPERATURE CONTROL
- OT OTHER CONTRACTOR
- OWN OWNER
- PICS PROCESS INTEGRATED CONTROL SYSTEM

GENERAL NOTES:
- ALL CONDUCTORS ARE COPPER. ALUMINIUM CONDUCTORS WILL HAVE A NOTATION OF (AL) NEXT TO WIRE SIZE.

FOOT NOTES:
(1) - ECM MOTOR.
(2) - INTERLOCK MOTOR WITH OCCUPANCY SENSOR.

BATHROOM LUMINAIRE SCHEDULE

TAG	DESCRIPTION	DEPTH / HEIGHT	MOUNTING	NORMAL OPERATION LUMENS	NORMAL OPERATION WATTS	EMERGENCY OPERATION LUMENS	EMERGENCY OPERATION WATTS	EMERGENCY OPERATION TYPE	VOLTAGE	COLOR TEMP. (K)	C.R.I. (Min)	DIMMING	INTEGRATED OPTIONS CONTROL	INTEGRATED OPTIONS SENSOR	REFLECTOR	FINISH	MANUFACTURER	MODEL SERIES	FOOT NOTES
A	1' x 4' FIXTURE		SURFACE	6,000	51	0	0		120-277	4000	80	NONE	-	-	DR		METALUX	4VT2	1
B	RECESSED 1' x 1' FIXTURE		RECESSED	3,000	30	0	0		120-277	4000	80	NONE	-	-	FROST		KURTZON	WL-F-1-SW-EDL	2
O	EXTERIOR SCONCE FIXTURE		SURFACE	3,719	30	0	0		120-277	4000	70	0-10V 10%	-	-	-		HALO	WXP	3

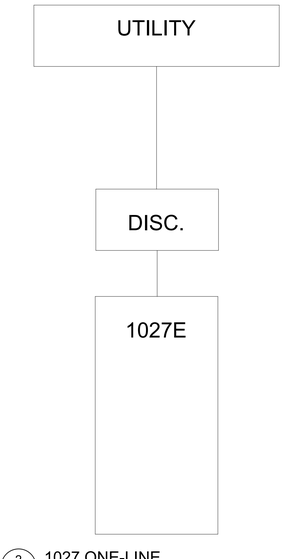
EMERGENCY OPERATION TYPES
- (1) INTEGRAL BATTERY 7W
- (2) INTEGRAL BATTERY (2) 7W
- (3) INTEGRAL BATTERY 10W
- (4) INTEGRAL BATTERY (2) 10W
- (5) INTEGRAL BATTERY 15W
- (6) INTEGRAL BATTERY 700 LUMEN
- (7) INTEGRAL BATTERY 1400 LUMEN
- (8) BATTERY WITH SELF-DIAGNOSTICS
- (9) UL924 TRANSFER DEVICE (EXTERNAL OR INTERNAL)
- (10) INTEGRAL GENERATOR TRANSFER DEVICE

INTEGRATED CONTROL TYPES
- (1) ROCKER
- (2) WIRED - CAT 6
- (3) WIRELESS

INTEGRATED SENSOR TYPES
- (1) PASSIVE INFRARED
- (2) ULTRASONIC
- (3) DUAL TECHNOLOGY (PIR+ULTRASONIC)
- (4) DIMMING PHOTOCELL

GENERAL NOTES:

FOOT NOTES:
1. EQAUALS BY:
   - A. DAY-BRITE: V2W SERIES
   - B. COLUMBIA: LXEM4 SERIES
2. EQUALS BY:
   - A. LITHONIA LIGHTING: WRTL SERIES
   - B. HALOPHANE: HIT SERIES
3. EQUALS BY:
   - A. LITHONIA LIGHTING: TWR2 SERIES
   - B. HALOPHANE: WCNG SERIES



2 E261 1027 ONE-LINE
SCALE: NONE

ELECTRICAL GENERAL NOTES:

- EXISTING PROJECT CONDITIONS: INFORMATION PERTAINING TO EXISTING PROJECT CONDITIONS, SUCH AS PRESENT LOCATIONS OF ARCHITECTURAL AND STRUCTURAL BUILDING COMPONENTS, MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, ROUGH-INS AND OTHER MISCELLANEOUS CONSTRUCTION, APPEARS ON THE DRAWINGS. WHILE SUCH INFORMATION HAS BEEN BASED ON AVAILABLE RECORDS AND COLLECTED WITH REASONABLE CARE, THE ARCHITECT AND ENGINEER DO NOT ASSUME ANY EXPRESSED OR IMPLIED GUARANTEE THAT CONDITIONS SO INDICATED ARE SHOWN ENTIRELY COMPLETE, CORRECT AND REPRESENTATIVE OF THOSE ACTUALLY EXISTING. ALL CONTRACTORS SHALL SATISFY THEMSELVES AS TO ALL EXISTING JOB CONDITIONS PRIOR TO BIDDING, AND VERIFY ALL DIMENSIONS AT THE SITE.
- REFER TO SHEETS E000 FOR ALL SYMBOLS AND ABBREVIATIONS.
- THE CONTRACTOR MAY INSTALL UP TO THREE (3) CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON THWN INSULATION, 40°C AMBIENT WITH DERATINGS FOR TEMPERATURE AND UP TO THREE (3) CONDUCTORS IN A CONDUIT. CONTACT THE ENGINEER FOR WIRING IN OTHER CONDITIONS.
- VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
- REFER TO ARCHITECTURAL PLANS, SECTIONS, ELEVATIONS, AND REFLECTED CEILING PLANS FOR EXACT LOCATION AND COORDINATION OF ALL LIGHT FIXTURE INSTALLATIONS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION 1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
- ALL SOLID LIGHT LINES INDICATE EXISTING DEVICES/EQUIPMENT TO REMAIN IN SERVICE, UNLESS NOTED OTHERWISE.
- WHERE EXISTING PANELS ARE BEING REUSED, PROVIDE NEW BREAKER(S) IN EXISTING PANEL(S) TO FEED ANY/ALL NEW LOADS SHOWN ON THE PLANS.
- REFER TO SECTION 26 05 19 FOR SPECIFIC WIRING REQUIREMENTS. NOTE THAT HIGH AMBIENT SPACES, MECHANICAL ROOMS, UTILITY ROOMS, AND EXTERIOR EXPOSED CONDUIT SHALL BE 90 DEGREE C, XHHW-2 CONDUCTORS.
- REFER TO PHASING PLAN FOR MAINTAINING, DE-ENERGIZING, AND ENERGIZING EQUIPMENT.
- ALL WIRING WITHIN THE BUILDING SHALL BE CONCEALED EXCEPT IN UNFINISHED SPACES.
- ALL GFCI RECEPTACLES ON THIS PROJECT SHALL BE WEATHER RESISTANT (WR) RATED.
- POWER CONDUCTORS SHALL BE SIZED PER THE NEC AMPACITY TABLES (ARTICLE 310). INCLUDING ADJUSTMENT FACTOR AND NEUTRAL CONDUCTOR REQUIREMENTS (FEED AND BRANCH NEUTRAL CONDUCTORS MUST BE COUNTED AS CURRENT CARRYING CONDUCTORS). RUN SEPARATE NEUTRAL CONDUCTORS FOR ALL LIGHTING CIRCUITS.
- ALL LIGHT FIXTURES SHALL BE PROVIDED WITH QUICK-CONNECT DISCONNECTING MEANS AND A 6" (MAXIMUM) FIXTURE WHIP FOR FUTURE MAINTENANCE PURPOSES.
- WIRING SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC) AND APPLICABLE LOCAL CODES, INCLUDING PROVISION OF EQUIPMENT GROUNDING AS REQUIRED BY THE NEC.
- IN HIGH AMBIENT SPACES, MECHANICAL ROOMS, UTILITY ROOMS, AND EXTERIOR EXPOSED CONDUIT, 90 DEGREE C, XHHW-2 CONDUCTORS SHALL BE UTILIZED.
- ALL DUPLEX RECEPTACLES SHALL BE HEAVY DUTY SPECIFICATION GRADE, 20 AMP RATED.
- CIRCUITING INDICATES GROUPING ONLY. CONFIRM ALL EXISTING WIRING AND CIRCUITING.

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
DLSP TOILET/SHOWER BUILDING 1027 NEW WORK PLANS - ELECTRICAL

Revisions:

No.	Date:	Description:

Graphic Scale	0' 6" 1' 2' 3'
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	E261

ROOF GENERAL NOTES - MC MAINTENANCE SHOP:

A. VERIFY ROOF EQUIPMENT AND PENETRATIONS WITH ALL TRADES. EQUIPMENT SHOWN IS GRAPHIC ONLY.

B. ROOF PENETRATIONS FOR DRAINS, VENTS, ETC. SHALL BE COMPLETED AS PER CURRENT SMACNA REQUIREMENTS AND THE ROOF MANUFACTURERS APPROVED DETAILS FOR WARRANTY SATISFACTION. COORDINATE QUANTITY AND LOCATIONS WITH MEP CONTRACTOR. PROVIDE CURBS WHERE REQUIRED.

C. ALL METAL ROOF AND FLASHING, SHALL MEET CURRENT SMACNA REQUIREMENTS AND MANUFACTURER'S SPECIFIED WARRANTY.

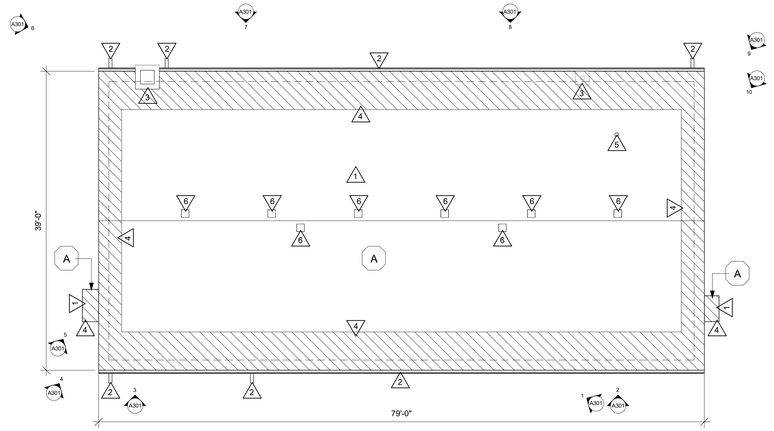
D. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

ROOF SYSTEM DESCRIPTIONS - MC MAINTENANCE SHOP:

A — NEW ASPHALT SHINGLES OVER NEW UNDERLAYMENT OVER EXISTING SHEATHING ON EXISTING WOOD TRUSSES/RAFTERS.

ROOF KEY NOTES - MC MAINTENANCE SHOP

1	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT, AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAIL 4A300.
2	REMOVE EXISTING METAL GUTTER AND DOWNSPOUT SYSTEM. PROVIDE NEW METAL GUTTER AND DOWNSPOUT SYSTEM.
3	EXISTING BRICK AND STONE CHIMNEY TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 2A300.
4	AT DIAGONAL HATCHED AREA, PROVIDE ICE AND WATER PROTECTION MEMBRANE.
5	EXISTING PIPE PENETRATION TO REMAIN. REMOVE EXISTING FLASHING AND PROVIDE NEW. SEE DETAIL 5A300.
6	EXISTING ROOF VENT TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 3A300.

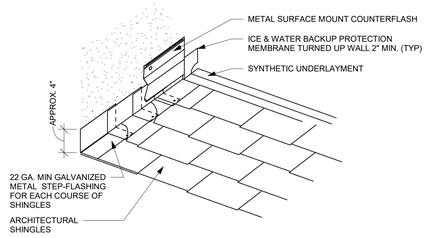


1 ROOF PLAN

1/8" = 1'-0"

0' 2' 4' 8' 12'

NOTE:
INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE
ONE ROLL WIDTH AROUND ALL PENETRATIONS, PERIMETER
RAKE EDGES & HIGHER ELEVATIONS (TURN UP WALL 4" MIN.)



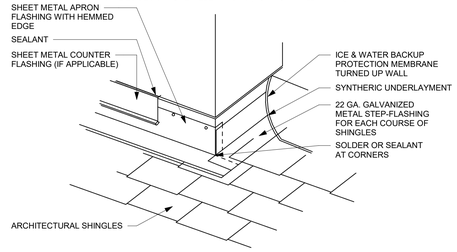
SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS

2 ROOF COUNTERFLASHING DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

NOTE:
INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE
ONE ROLL WIDTH AROUND ALL PENETRATIONS, PERIMETER
RAKE EDGES & HIGHER ELEVATIONS (TURN UP WALL 4" MIN.)

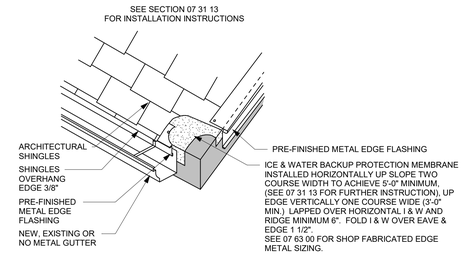


SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS

3 ROOF APRON FLASHING DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

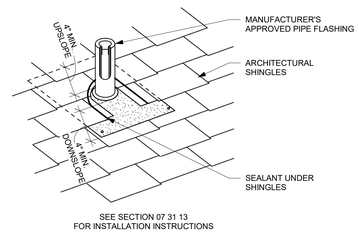


4 EAVE & RAKE FLASHING DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

NOTE:
INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE
ONE ROLL WIDTH AROUND ALL PENETRATIONS, PERIMETER
RAKE EDGES & HIGHER ELEVATIONS (TURN UP WALL 4" MIN.)



SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS

5 ROOF VENT STACK DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MC MAINTENANCE SHOP ROOF PLAN AND DETAILS

Revisions:

No.	Date:	Description:

Graphic Scale	VARIES
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A300

SITE PHOTO KEY NOTES - MC MAINTENANCE SHOP

1	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT, AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAIL 4A300.
2	REMOVE EXISTING METAL GUTTER AND DOWNSPOUT. PROVIDE NEW METAL GUTTER AND DOWNSPOUT SYSTEM.
3	EXISTING BRICK AND STONE CHIMNEY TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 2A300.
4	EXISTING PIPE PENETRATION TO REMAIN. REMOVE EXISTING FLASHING AND PROVIDE NEW. SEE DETAIL 5A300.
5	EXISTING ROOF VENT TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 3A300.

1 SITE PHOTO

2 SITE PHOTO

3 SITE PHOTO

4 SITE PHOTO

5 SITE PHOTO

6 SITE PHOTO

7 SITE PHOTO

8 SITE PHOTO

9 SITE PHOTO

10 SITE PHOTO

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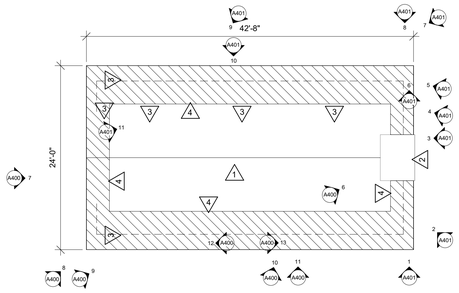
Sheet Title:
MC MAINTENANCE SHOP SITE PHOTOS

Revisions:

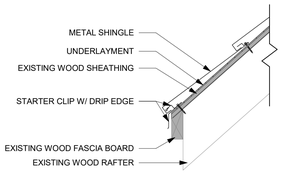
No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A301



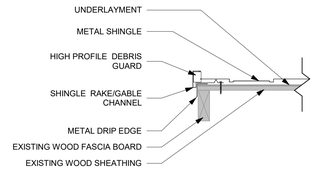
1 ROOF PLAN

1/8" = 1'-0"



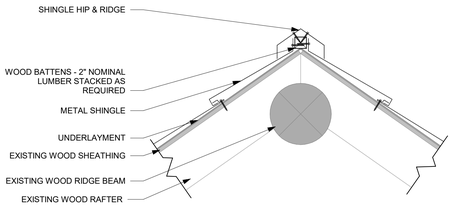
2 ROOF EAVE DETAIL

1 1/2" = 1'-0"



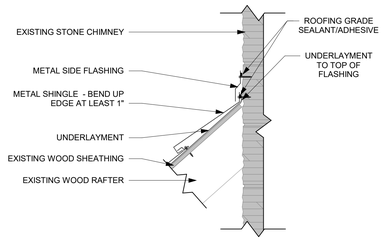
3 ROOF RAKE/GABLE DETAIL

1 1/2" = 1'-0"



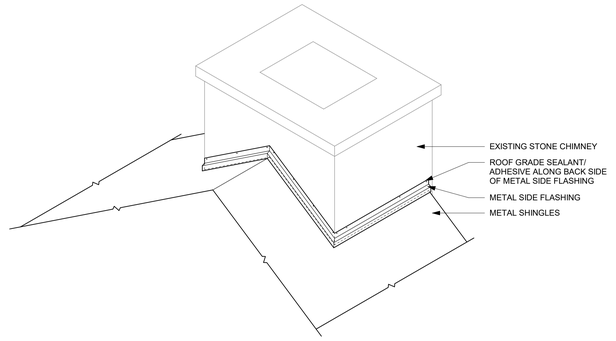
4 ROOF RIDGE DETAIL

1 1/2" = 1'-0"



5 ROOF/CHIMNEY DETAIL

1 1/2" = 1'-0"



6 ROOF/CHIMNEY ISOMETRIC DETAIL

1/2" = 1'-0"

7 SITE PHOTO

8 SITE PHOTO

9 SITE PHOTO

10 SITE PHOTO

11 SITE PHOTO

12 SITE PHOTO

13 SITE PHOTO

ROOF GENERAL NOTES - MBSP EAST SHELTER:

A. VERIFY ROOF EQUIPMENT AND PENETRATIONS WITH ALL TRADES. EQUIPMENT SHOWN IS GRAPHIC ONLY.

B. ROOF PENETRATIONS FOR DRAINS, VENTS, ETC. SHALL BE COMPLETED AS PER CURRENT SMACNA REQUIREMENTS AND THE ROOF MANUFACTURERS APPROVED DETAILS FOR WARRANTY SATISFACTION. COORDINATE QUANTITY AND LOCATIONS WITH MEP CONTRACTOR. PROVIDE CURBS WHERE REQUIRED.

C. ALL METAL ROOF AND FLASHING, SHALL MEET CURRENT SMACNA REQUIREMENTS AND MANUFACTURER'S SPECIFIED WARRANTY.

D. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

ROOF SYSTEM DESCRIPTIONS - MBSP EAST SHELTER:

A	NEW METAL SHINGLES (WOOD CEDAR SHINGLE LOOK) OVER NEW UNDERLAYMENT OVER EXISTING SHEATHING ON EXISTING WOOD TRUSSES/RAFTERS.

ROOF KEY NOTES - MBSP EAST SHELTER

1	REMOVE EXISTING WOOD CEDAR SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHING, UNDERLAYMENT, AND METAL SHINGLES (WOOD CEDAR SHINGLES LOOK) OVER EXISTING ROOF SHEATHING. SEE DETAILS 2, 3 & 4A400.
2	EXISTING STONE CHIMNEY TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAILS 5 & 6A400.
3	EXISTING ELECTRICAL CONDUIT IS INSTALLED ON UNDERSIDE OF SHEATHING. DO NOT NAIL THROUGH AND PEIRCE CONDUIT RUNS.
4	AT DIAGONAL HATCHED AREA, PROVIDE ICE AND WATER PROTECTION MEMBRANE.

SITE PHOTO KEY NOTES - MBSP EAST SHELTER

1	REMOVE EXISTING WOOD CEDAR SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHING, UNDERLAYMENT, AND METAL SHINGLES (WOOD CEDAR SHINGLES LOOK) OVER EXISTING ROOF SHEATHING. SEE DETAILS 2, 3 & 4A400.
2	EXISTING STONE CHIMNEY TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAILS 5 & 6A400.
3	EXISTING ELECTRICAL CONDUIT IS INSTALLED ON UNDERSIDE OF SHEATHING. DO NOT NAIL THROUGH SHEATHING AND PIERCE CONDUIT RUNS.

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DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MBSP EAST SHELTER ROOF PLAN, DETAILS, AND SITE PHOTOS

Revisions:

No.	Date:	Description:

Graphic Scale	VARIES
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A400

SITE PHOTO KEY NOTES - MBSP EAST SHELTER

1	REMOVE EXISTING WOOD CEDAR SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHING, UNDERLAYMENT, AND METAL SHINGLES (WOOD CEDAR SHINGLES LOOK) OVER EXISTING ROOF SHEATHING. SEE DETAILS 2, 3 & 4A400.
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3	EXISTING ELECTRICAL COUNDUIT IS INSTALLED ON UNDERSIDE OF SHEATHING. DO NOT NAIL THROUGH SHEATHING AND PIERCE CONDUIT RUNS.

1 SITE PHOTO

2 SITE PHOTO

3 SITE PHOTO

4 SITE PHOTO

5 SITE PHOTO

6 SITE PHOTO

7 SITE PHOTO

8 SITE PHOTO

9 SITE PHOTO

10 SITE PHOTO

11 SITE PHOTO

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STATEWIDE, WISCONSIN

Sheet Title:
MBSP EAST SHELTER SITE PHOTOS

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A401

DEMOLITION GENERAL NOTES - MLSP PARK HEADQUARTERS:

A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.

B. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.

C. MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING.

D. ROOM NUMBERS ARE SHOWN ON THIS PLAN FOR INFORMATIONAL AND COORDINATION PURPOSES ONLY.

E. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.

F. PROVIDE FLOOR PROTECTION AS SPECIFIED AT DEBRIS REMOVAL PATHS THROUGH BUILDING.

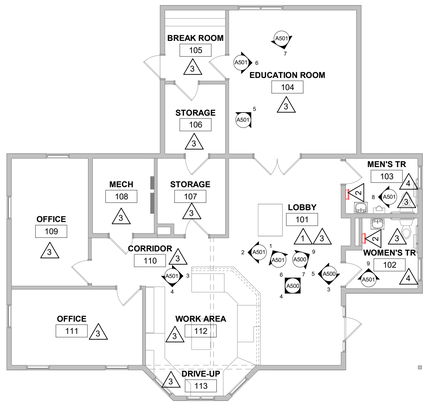
DEMOLITION PLAN LEGEND - MLSP PARK HEADQUARTERS:

△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

— — REMOVE ITEMS NOTED WITH DASHED LINES

DEMOLITION KEY NOTES - MLSP PARK HEADQUARTERS

1	EXISTING CEILING FAN TO BE REMOVED BY MECHANICAL.
2	EXISTING SURFACE MOUNTED ELECTRIC HEATER TO BE REMOVED BY MECHANICAL.
3	EXISTING LIGHTING TO BE REMOVED BY ELECTRICAL.
4	EXISTING CEILING EXHAUST FAN TO BE REMOVED BY MECHANICAL.



1 DEMOLITION PLAN

1/8" = 1'-0"

REMODEL GENERAL NOTES - MLSP PARK HEADQUARTERS:

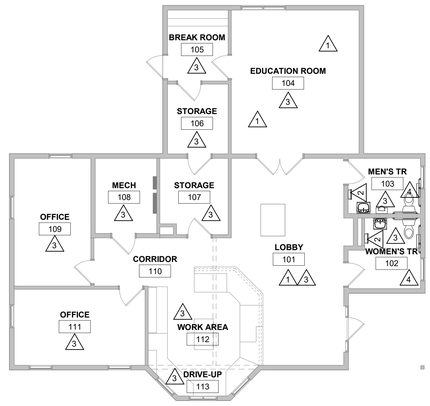
A. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.

REMODEL LEGEND - MLSP PARK HEADQUARTERS:

△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMODEL KEY NOTES - MLSP PARK HEADQUARTERS

1	NEW CEILING FAN TO BE INSTALLED BY MECHANICAL AND WIRED BY ELECTRICAL.
2	NEW ELECTRIC HEATER TO BE INSTALLED BY MECHANICAL AND WIRED BY ELECTRICAL. PATCH ANY DAMAGED CERAMIC WALL TILE TO MATCH EXISTING.
3	NEW LIGHTING TO BE PROVIDED BY ELECTRICAL.
4	NEW EXHUAST FAN TO BE INSTALLED BY MECHANICAL AND WIRED BY ELECTRICAL.

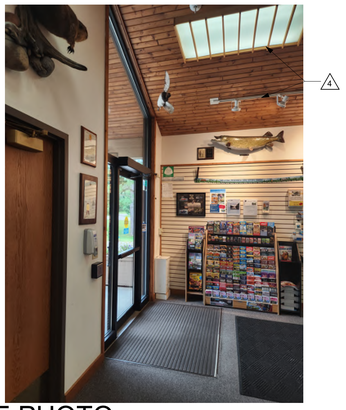


2 REMODEL PLAN

1/8" = 1'-0"

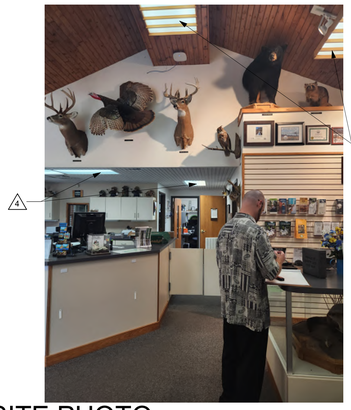
SITE PHOTO KEY NOTES - MLSP PARK HEADQUARTERS

1	EXISTING CEILING FAN TO BE REMOVED BY MECHANICAL. NEW CELING FAN TO BE INSTALLED BY MECHANICAL AND WIRED BY ELECTRICAL.
2	EXISTING SURFACE MOUNTED ELECTRIC HEATER TO BE REMOVED BY MECHANICAL. NEW ELECTRIC HEATER TO BE INSTALLED BY MECHANICAL AND WIRED BY ELECTRICAL. GENERAL CONTRACTOR TO PATCH ANY DAMAGED CERAMIC WALL TILE TO MATCH EXISTING.
3	NEW CELING FAN TO BE INSTALLED BY MECHANICAL AND WIRE BY ELECTRICAL.
4	EXISTING LIGHTS TO BE REMOVED BY ELECTRICAL. NEW LIGHTS TO BE PROVIDED BY ELECTRICAL.



3 SITE PHOTO

4 SITE PHOTO

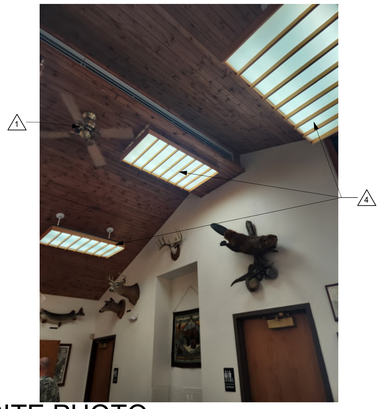


5 SITE PHOTO

6 SITE PHOTO

7 SITE PHOTO

8 SITE PHOTO



9 SITE PHOTO

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MLSP PARK HEADQUARTERS PLANS AND SITE PHOTOS

Revisions:

No.	Date:	Description:

Graphic Scale	0' 2' 4' 8' 12'
DFD Number	24B2B
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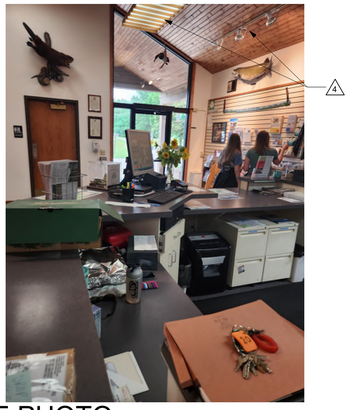
SITE PHOTO KEY NOTES - MLSP PARK HEADQUARTERS

1	EXISTING CEILING FAN TO BE REMOVED BY MECHANICAL. NEW CELING FAN TO BE INSTALLED BY MECHANICAL AND WIRED BY ELECTRICAL.
2	EXISTING SURFACE MOUNTED ELECTRIC HEATER TO BE REMOVED BY MECHANICAL. NEW ELECTRIC HEATER TO BE INSTALLED BY MECHANICAL AND WIRED BY ELECTRICAL. GENERAL CONTRACTOR TO PATCH ANY DAMAGED CERAMIC WALL TILE TO MATCH EXISTING.
3	NEW CELING FAN TO BE INSTALLED BY MECHANICAL AND WIRE BY ELECTRICAL.
4	EXISTING LIGHTS TO BE REMOVED BY ELECTRICAL. NEW LIGHTS TO BE PROVIDED BY ELECTRICAL.

1 SITE PHOTO

2 SITE PHOTO



3 SITE PHOTO

4 SITE PHOTO

5 SITE PHOTO

6 SITE PHOTO

7 SITE PHOTO

8 SITE PHOTO

9 SITE PHOTO

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
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STATEWIDE, WISCONSIN

Sheet Title:
MLSP PARK HEADQUARTERS SITE PHOTOS

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
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Date Issued	10/07/2025
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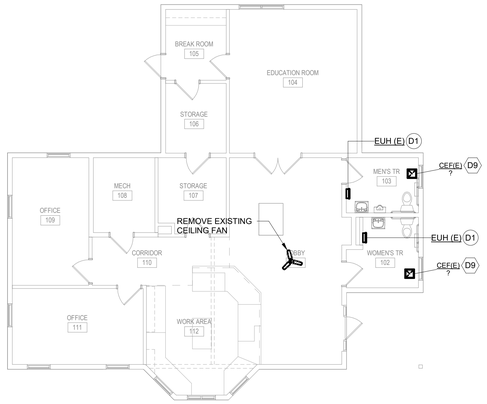
GENERAL NOTES:

1. ALL WORK TO BE DONE IN COMPLIANCE WITH ALL STATE AND LOCAL CODES AND ALL MANUFACTURER'S INSTRUCTIONS.
2. ALL EQUIPMENT IS TO BE PROVIDED COMPLETE WITH OPERATION & MAINTENANCE MANUALS AND SYSTEM SCHEMATICS.

DEMOLITION KEYED NOTES

(KEYED NOTES PER PROJECT)

D1 REMOVE EXISTING ELECTRIC UNIT HEATER.
D9 REMOVE EXISTING CEILING EXHAUST FAN. MAINTAIN EXISTING ROOF OPENING FOR NEW FAN OUTLET. TYPICAL

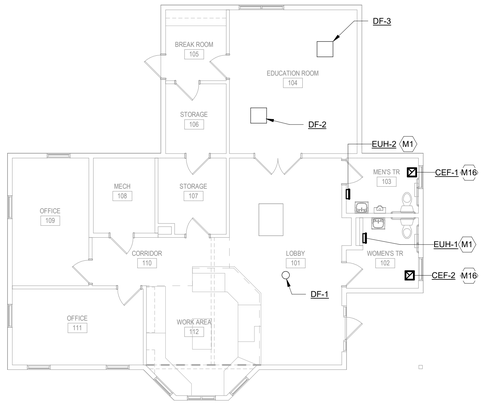


1 M500 HEADQUARTERS DEMOLITION PLAN - HVAC
SCALE: 1/8" = 1'-0"

KEYED NOTES

(KEYED NOTES PER PROJECT)

M1 WALL MOUNTED ELECTRIC UNIT HEATER. MOUNT IN EXISTING LOCATION. WALL PATCHING BY GENERAL CONTRACTOR.
M16 NEW CEILING EXHAUST FAN. ROUTE OUTLET TO EXISTING ROOF OPENING. TERMINATE WITH MANUFACTORER'S ROOF OUTLET. CONNECT FAN TO OCCUPANCY SENSOR. TYPICAL.



2 M500 HEADQUARTERS NEW WORK PLAN - HVAC
SCALE: 1/8" = 1'-0"

EXHAUST FAN SCHEDULE

UNIT NO.	CEF-1	CEF-2	
LOCATION	SEE PLANS	SEE PLANS	
MANUFACTURER	GREENHECK	GREENHECK	
MODEL NO.	SP-A510-VG	SP-LP0511-1	
DRIVE TYPE	DIRECT	DIRECT	
FAN TYPE	CENTRIFUGAL	CENTRIFUGAL	
DESIGN CFM	150	75	
EXT. SP (IN WC)	.5	.5	
FAN WHEEL TYPE	FC	FC	
APPROXIMATE FAN RPM	1062	773	
BHP	0.05	.01	
MOTOR AMPS	2.45	.29	
VOLTS/PHASE	115/1	115/1	
DRIVE	DIRECT	DIRECT	
TWO SPEED	NO	NO	
VFD	ECM	NO	
MAX. SONES	3	2.5	
REMARKS	1 2 3	1 2 3	

KEYED NOTES:
1 LISTED MODEL AND MANUFACTURER ARE THE BASIS OF DESIGN.
REFER TO THE SPECIFICATION FOR ALLOWABLE MANUFACTURERS
2 MOTORIZED DAMPER BY FAN MANUFACTURER.
3 PROVIDE MANUFACTURER'S OPTIONAL SPEED CONTROL DIAL.

DESTRAT FAN SCHEDULE

UNIT NO.	DF-1	DF-2	DF-3
LOCATION	SEE PLANS	SEE PLANS	SEE PLANS
MANUFACTURER	AIRIUS	AIRIUS	AIRIUS
MODEL NO.	A-10-SP-STD-120-X	S-10-SP-STD-120-X	S-10-SP-STD-120-X
VELOCITY AT 10FT (FPM)	301	301	301
APPROXIMATE FAN RPM	860	860	860
AMPS	0.14	.14	.14
VOLTS/PHASE	120/1	120/1	120/1
MAX. dB(A) AT 10FT	21	15.3	15.3
REMARKS	1 2 3	1 2	1 2

KEYED NOTES:
1 LISTED MODEL AND MANUFACTURER ARE THE BASIS OF DESIGN.
REFER TO THE SPECIFICATION FOR ALLOWABLE MANUFACTURERS
2 FURNISH AND INSTALL WALL MOUNTED SPEED CONTROL.
3 PROVIDE MANUFACTURERS STANDARD BLACK COLOR
4 PROVIDE MANUFACTURERS WALL MOUNTED ON/OFF SWITCH.

ELECTRIC UNIT HEATER SCHEDULE

UNIT NO.	EUH-1	EUH-2		
SERVICE	SEE PLANS	SEE PLANS		
LOCATION	SEE PLANS	SEE PLANS		
MANUFACTURER	MARKEL	MARKEL		
MODEL NO.	E3058T2DWB	E3058T2DWB		
CFM OF STD AIR	100	100		
CAPACITY (BTU / HR)	6,143	6,143		
CONTROL STEPS	1	1		
MAX AMPS	15	15		
VOLTS	120	120		
PHASE	1	1		
REMARKS	1 2 3	1 2 3		

KEYED NOTES:
1 LISTED MODEL AND MANUFACTURER ARE THE BASIS OF DESIGN.
REFER TO THE SPECIFICATION FOR ALLOWABLE MANUFACTURERS
2 PROVIDE DISCONNECT SWITCH
3 PROVIDE BUILT-IN SINGLE STAGE THERMOSTAT

EXISTING CONDITIONS ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR THE EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
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DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MLSP PARK HEADQUARTERS PLANS – HVAC

Revisions:

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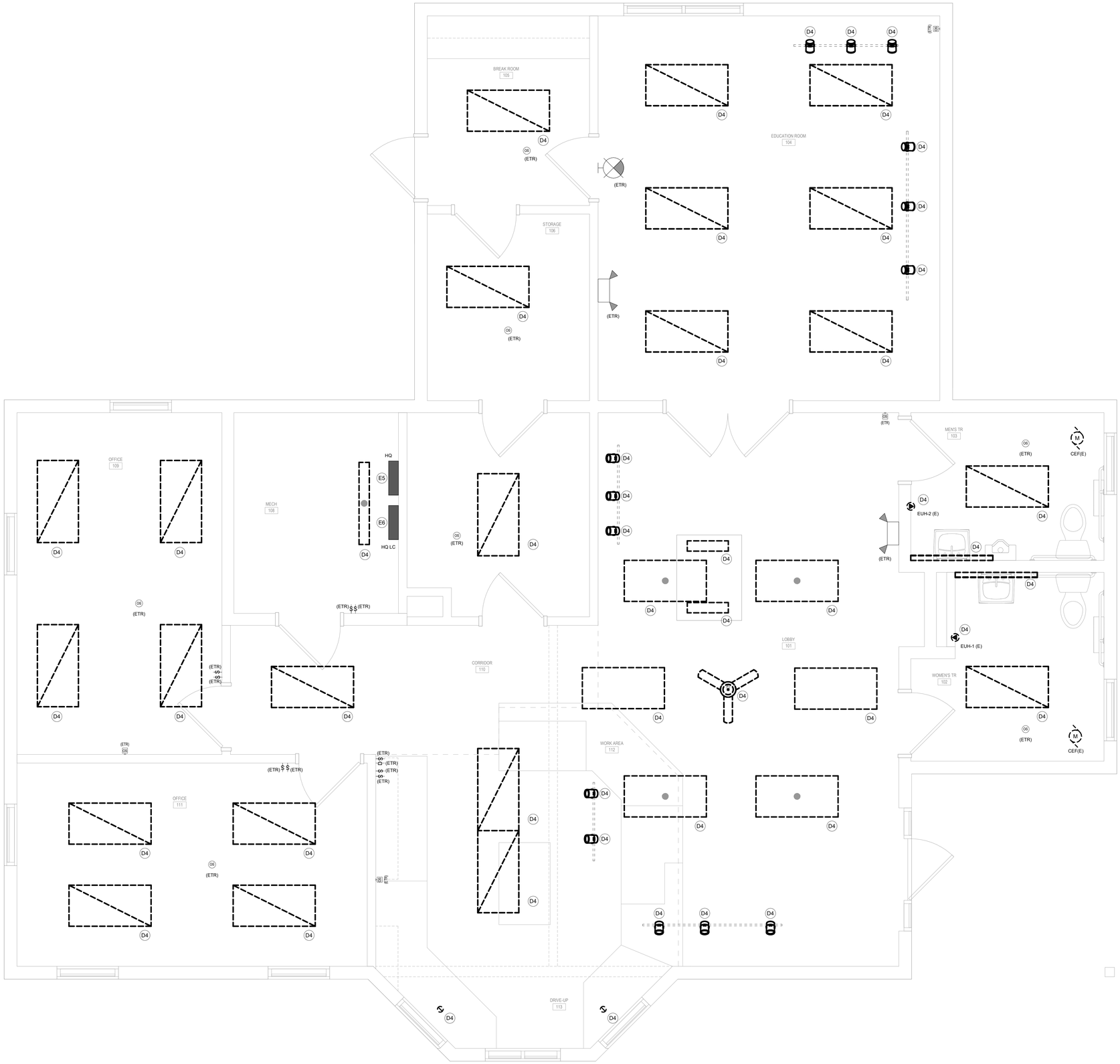

1 E500 MIRROR LAKE HEADQUARTERS - DEMOLITION
SCALE: 1/2" = 1'-0"

DEMOLITION KEYED NOTES
(KEYED NOTES PER PROJECT)

D4 EXISTING DEVICE TO BE REPLACED. MAINTAIN CONDUIT AND CONDUCTORS FOR NEW DEVICE INSTALLED IN SAME LOCATION.

E5 EXISTING 240/120V 1-PHASE, 3-WIRE 225A GE A SERIES PANELBOARD "HQ" TO REMAIN.

E6 EXISTING 240/120V 1-PHASE, 3-WIRE 100A SQUARE D QO SERIES LOAD CENTER "HQ" LC" TO REMAIN.

NAME	DESCRIPTION
EUH-1 (E)	EXISTING ELECTRIC UNIT HEATER
EUH-2 (E)	EXISTING ELECTRIC UNIT HEATER
CEF(E)	EXISTING CEILING EXHAUST FAN
CEF(E)	EXISTING CEILING EXHAUST FAN

DEMOLITION GENERAL NOTES:

- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION-1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
- ALL DARK DASHED LINES APPROXIMATELY INDICATE EXISTING DEVICES TO BE DISCONNECTED AND REMOVED, UNLESS INDICATED OTHERWISE. REMOVE ANY/ALL UNUSED BOXES, WIRING AND CONDUIT BACK TO SOURCE. ALL PROPERLY SIZED AND PROPERLY SUPPORTED CONDUIT ONLY MAY BE REUSED.
- ALL SOLID LIGHT LINES INDICATE EXISTING DEVICES/EQUIPMENT TO REMAIN IN SERVICE, UNLESS NOTED OTHERWISE.
- ANY/ALL BOXES, CONDUIT, WIRING AND CABLING THAT IS DISCONNECTED AS PART OF THIS PROJECT SHALL BE REMOVED BACK TO SOURCE AND AVAILABLE COMPONENTS SHALL BE RELABELED AS 'SPARE' UNLESS NOTED OTHERWISE.
- EXISTING PROJECT CONDITIONS: INFORMATION PERTAINING TO EXISTING PROJECT CONDITIONS, SUCH AS PRESENT LOCATIONS OF ARCHITECTURAL AND STRUCTURAL BUILDING COMPONENTS, MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, ROUGH-INS AND OTHER MISCELLANEOUS CONSTRUCTION, APPEARS ON THE DRAWINGS. WHILE SUCH INFORMATION HAS BEEN BASED ON AVAILABLE RECORDS AND COLLECTED WITH REASONABLE CARE, THE ARCHITECT AND ENGINEER DO NOT ASSUME ANY EXPRESSED OR IMPLIED GUARANTEE THAT CONDITIONS SO INDICATED ARE SHOWN ENTIRELY COMPLETE, CORRECT AND REPRESENTATIVE OF THOSE ACTUALLY EXISTING. ALL CONTRACTORS SHALL SATISFY THEMSELVES AS TO ALL EXISTING JOB CONDITIONS PRIOR TO BIDDING, AND VERIFY ALL DIMENSIONS AT THE SITE.
- ELECTRICAL CONTRACTOR TO DE-ENERGIZE ANY/ALL EQUIPMENT DESIGNATED FOR DEMOLITION PRIOR TO REMOVAL BY OTHERS.
- WHERE EXISTING PANELS ARE BEING REUSED, PROVIDE NEW BREAKER(S) IN EXISTING PANEL(S) TO FEED ANY/ALL NEW LOADS SHOWN ON THE PLANS.
- REFER TO PHASING PLAN FOR MAINTAINING, DE-ENERGIZING, AND ENERGIZING EQUIPMENT.
- ALL EXISTING ELECTRICAL EQUIPMENT NOTED WITH A SUBSCRIPT "(ETR)' SHALL BE PROPERLY PROTECTED AGAINST DAMAGE DURING THE PERIOD OF THIS RENOVATION.
- WHERE MATERIALS ARE TO BE TURNED OVER TO OWNER OR REUSED AND INSTALLED BY CONTRACTOR, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN CONDITION OF MATERIALS AND EQUIPMENT AT NO ADDITIONAL COST TO OWNER.
- EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.

EXISTING CONDITIONS ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR THE EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MLSP PARK HEADQUARTERS DEMOLITION PLANS - ELECTRICAL

Revisions:

No.	Date:	Description:

Graphic Scale	0' 6" 1' 2' 3'
DFD Number	24B2B
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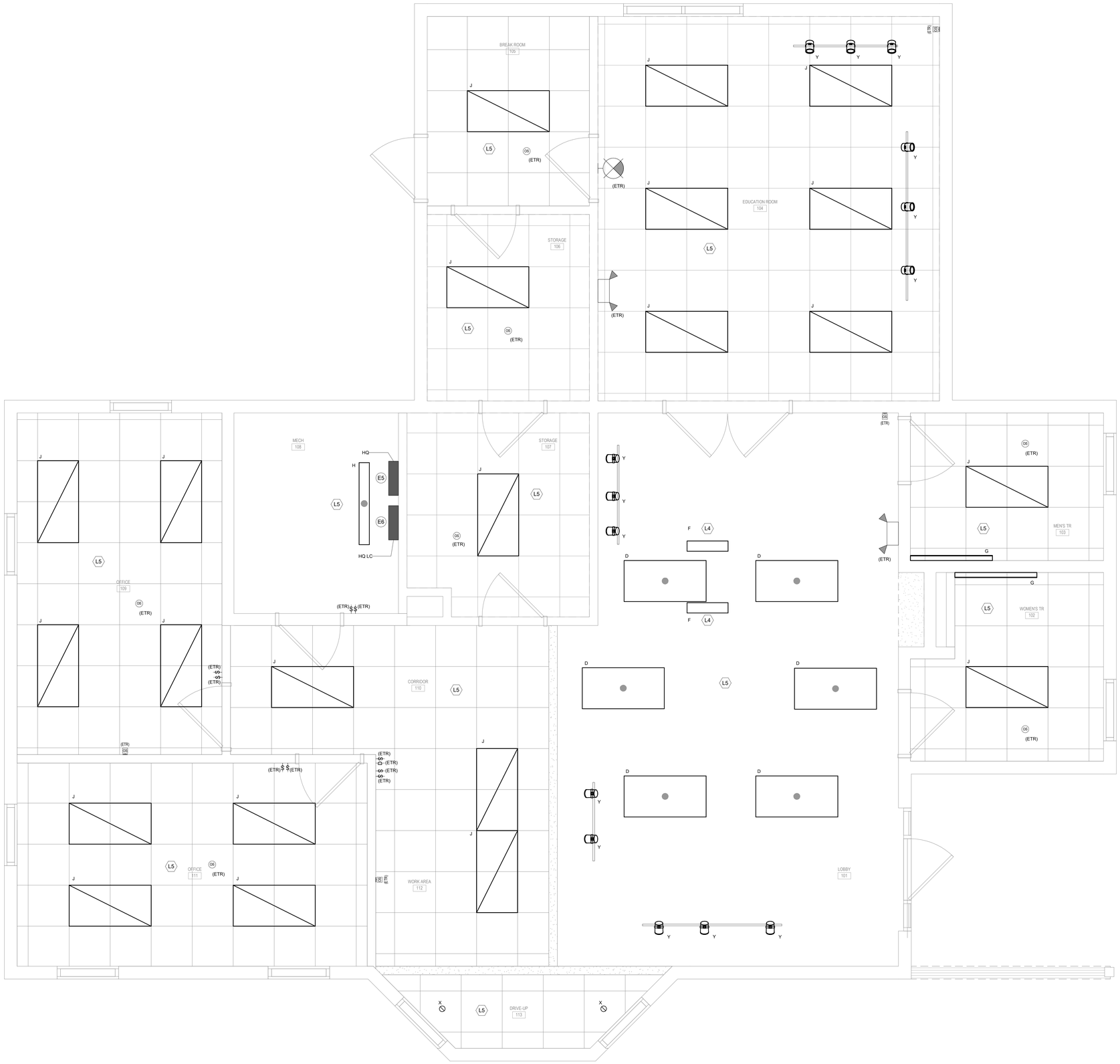
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EDUCATION ROOM
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MECH
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CORRIDOR
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OFFICE
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WORK AREA
112
DRIVE-UP
113
MEN'S TR
103
WOMEN'S TR
102
LOBBY
101
HQ
HQ LC
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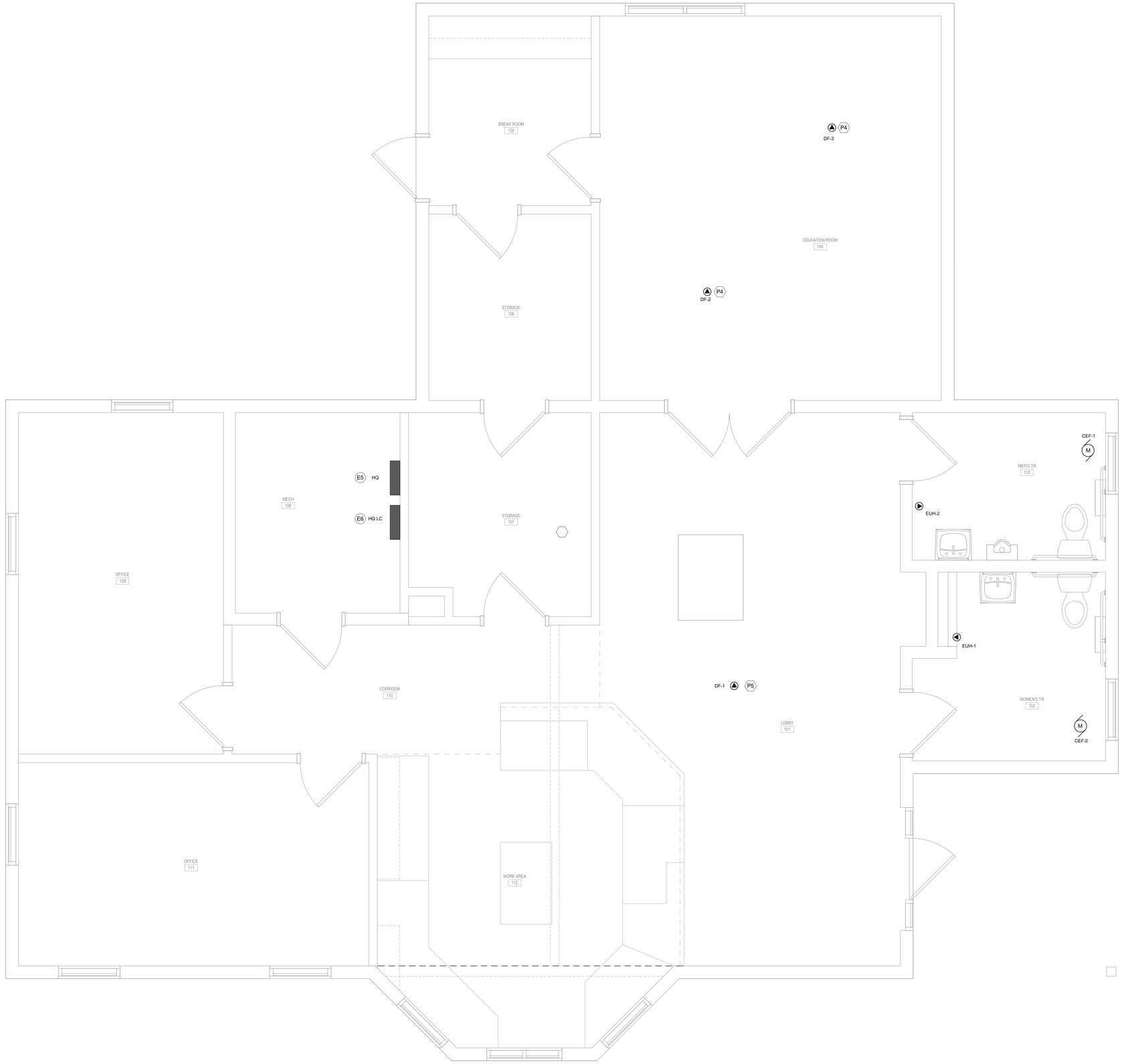

1 E502 MIRROR LAKE HEADQUARTERS - POWER AND SYSTEMS
SCALE: 1/2" = 1'-0"

KEYED NOTES

(KEYED NOTES PER PROJECT)

E5 EXISTING 240/120V 1-PHASE, 3-WIRE 225A GE A SERIES PANELBOARD "HQ" TO REMAIN.

E6 EXISTING 240/120V 1-PHASE, 3-WIRE 100A SQUARE D QO SERIES LOAD CENTER "HQ" LC" TO REMAIN.

P4 DIVISION 26 CONTRACTOR TO PROVIDE JUNCTION BOX, CONDUIT AND CONDUCTORS TO NEW 120V/1P DESTRAT FAN. FEED NEW FAN FROM LOCAL LIGHTING CIRCUIT.

P5 DIVISION 26 CONTRACTOR TO PROVIDE CONNECTION TO NEW DESTRAT FAN. EXTEND EXISTING CONDUCTORS TO NEW FAN AND FEED FROM EXISTING CIRCUIT.

ELECTRICAL GENERAL NOTES:

- EXISTING PROJECT CONDITIONS: INFORMATION PERTAINING TO EXISTING PROJECT CONDITIONS, SUCH AS PRESENT LOCATIONS OF ARCHITECTURAL AND STRUCTURAL BUILDING COMPONENTS, MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, ROUGH-INS AND OTHER MISCELLANEOUS CONSTRUCTION, APPEARS ON THE DRAWINGS. WHILE SUCH INFORMATION HAS BEEN BASED ON AVAILABLE RECORDS AND COLLECTED WITH REASONABLE CARE, THE ARCHITECT AND ENGINEER DO NOT ASSUME ANY EXPRESSED OR IMPLIED GUARANTEE THAT CONDITIONS SO INDICATED ARE SHOWN ENTIRELY COMPLETE, CORRECT AND REPRESENTATIVE OF THOSE ACTUALLY EXISTING. ALL CONTRACTORS SHALL SATISFY THEMSELVES AS TO ALL EXISTING JOB CONDITIONS PRIOR TO BIDDING, AND VERIFY ALL DIMENSIONS AT THE SITE.
- REFER TO SHEETS E000 FOR ALL SYMBOLS AND ABBREVIATIONS.
- THE CONTRACTOR MAY INSTALL UP TO THREE (3) CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON THWN INSULATION, 40°C AMBIENT WITH DERATINGS FOR TEMPERATURE AND UP TO THREE (3) CONDUCTORS IN A CONDUIT. CONTACT THE ENGINEER FOR WIRING IN OTHER CONDITIONS.
- VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
- REFER TO ARCHITECTURAL PLANS, SECTIONS, ELEVATIONS, AND REFLECTED CEILING PLANS FOR EXACT LOCATION AND COORDINATION OF ALL LIGHT FIXTURE INSTALLATIONS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION 1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
- ALL SOLID LIGHT LINES INDICATE EXISTING DEVICES/EQUIPMENT TO REMAIN IN SERVICE, UNLESS NOTED OTHERWISE.
- WHERE EXISTING PANELS ARE BEING REUSED, PROVIDE NEW BREAKER(S) IN EXISTING PANEL(S) TO FEED ANY/ALL NEW LOADS SHOWN ON THE PLANS.
- REFER TO SECTION 26 05 19 FOR SPECIFIC WIRING REQUIREMENTS. NOTE THAT HIGH AMBIENT SPACES, MECHANICAL ROOMS, UTILITY ROOMS, AND EXTERIOR EXPOSED CONDUIT SHALL BE 90 DEGREE C, XHHW-2 CONDUCTORS.
- REFER TO PHASING PLAN FOR MAINTAINING, DE-ENERGIZING, AND ENERGIZING EQUIPMENT.
- ALL WIRING WITHIN THE BUILDING SHALL BE CONCEALED EXCEPT IN UNFINISHED SPACES.
- ALL GFCI RECEPTACLES ON THIS PROJECT SHALL BE WEATHER RESISTANT (WR) RATED.
- POWER CONDUCTORS SHALL BE SIZED PER THE NEC AMPACITY TABLES (ARTICLE 310), INCLUDING ADJUSTMENT FACTOR AND NEUTRAL CONDUCTOR REQUIREMENTS (FEED AND BRANCH NEUTRAL CONDUCTORS MUST BE COUNTED AS CURRENT CARRYING CONDUCTORS). RUN SEPARATE NEUTRAL CONDUCTORS FOR ALL LIGHTING CIRCUITS.
- ALL LIGHT FIXTURES SHALL BE PROVIDED WITH QUICK-CONNECT DISCONNECTING MEANS AND A 6" (MAXIMUM) FIXTURE WHIP FOR FUTURE MAINTENANCE PURPOSES.
- WIRING SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC) AND APPLICABLE LOCAL CODES, INCLUDING PROVISION OF EQUIPMENT GROUNDING AS REQUIRED BY THE NEC.
- IN HIGH AMBIENT SPACES, MECHANICAL ROOMS, UTILITY ROOMS, AND EXTERIOR EXPOSED CONDUIT, 90 DEGREE C, XHHW-2 CONDUCTORS SHALL BE UTILIZED.
- ALL DUPLEX RECEPTACLES SHALL BE HEAVY DUTY SPECIFICATION GRADE, 20 AMP RATED.
- CIRCUITING INDICATES GROUPING ONLY. CONFIRM ALL EXISTING WIRING AND CIRCUITING.

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MLSP PARK HEADQUARTERS NEW WORK PLANS - POWER AND SYSTEMS

Revisions:

No.	Date:	Description:

Graphic Scale	0' 6" 1' 2' 3'
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	E502

Panelboard: HQ

EXISTING

Location: MECH 108
Supply From: UTILITY
Mounting: SURFACE
Enclosure: Type 1

Voltage: 240V/120
Phases: 1
Wires: 3

A.I.C. Rating: 22,000 AIC
Mains Type: MCB
Bus Rating: 225 A
MCB Rating: 200 A

MAIN CIRCUIT BREAKER REQUIREMENTS:

GROUND FAULT PROTECTION	SHUNT TRIP BREAKER	ADJUSTABLE LONG TERM
INTEGRAL METER	ADJUSTABLE MAGNETIC	ADJUSTABLE SHORT TERM
SURGE PROTECTION		ADJUSTABLE INSTANTANEOUS

CKT	Circuit Description	Note	Trip	Poles	A (kVA)		B (kVA)		Poles	Trip	Note	Circuit Description	CKT
1	AIR CONDITIONER		60 A	2	0	0			2	30 A		WATER HEATER	2
3							0	0					4
5	HAND DRYER MENS		25 A	1	0	0			1	25 A		EXIT LIGHTS	6
7	HAND DRYER WOMENS		25 A	1			0	0	1	20 A		NORTHWEST RECPT. 111	8
9	TRACK LIGHTS 104		20 A	1	0	0			1	20 A		SOUTH & EAST RECPT. 111	10
11	LIGHTS 104-103-102 - EMERGENCY...		20 A	1			0	0	1	20 A		RECPT. 107	12
13	CEILING HEATERS BATHROOM		20 A	1	0	0			1	20 A		RECPT. 106 & EAST OUTSIDE RECPT.	14
15	DRINKING FOUNTAIN		20 A	1			0	0	1	20 A		SOUTH & EAST RECPT. 109	16
17	SOUTH & WEST RECPT. 104		20 A	1	0	0			1	20 A		NORTH & WEST RECPT. 109	18
19	NORTHEAST RECPT. 104		20 A	1			0	0	1	20 A		RECPT. WORK AREA WEST	20
21	RECPT. WOMENS BATHROOM		20 A	1	0	0			1	20 A		RECPT. WORK AREA SOUTH	22
23	RECPT. MENS BATHROOM		20 A	1			0	0	1	20 A		RECPT. WORK AREA NORTH	24
25	LOBBY TRACK LIGHTS / DOOR OPENER		20 A	1	0	0			1	20 A		RECPT. WORK AREA EAST & LOBBY...	26
27	LOBBY LIGHTS		20 A	1			0	0	1	20 A		RECPT. 108 - SERVER	28
29	OUTSIDE OUTLETS		20 A	1	0	0			1	20 A		RECPT. 108	30
31	FURNACE		20 A	1			0	0	2	40 A		HQ LC - QO LOAD CENTER	32
33	LIGHTS 105-106-107-108-109-111-112		20 A	1	0	0							34
35	SEWER 1		20 A	1			0	0	1	20 A		RECPT. BY BOX - SECURITY SYSTEM	36
37	SEWER 2		20 A	1	0	0			2	20 A		WATER PUMP	38
39	RECPT. BREAKROOM		20 A	1			0	0					40
41	BREAKROOM REFRIGERATOR AND FAN		20 A	1	0	0			1	20 A		YARD LIGHTING, OUTSIDE LIGHTS,...	42
				Total Load:	0 kVA		0 kVA						
				Total Amps:	0 A		0 A						

FEEDER BREAKER NOTES:

(G)	GROUND FAULT PROTECTION	(LN)	BREAKER LOCK IN ON POSITION
(M)	INTEGRAL METER	(LF)	BREAKER LOCK IN OFF POSITION
(S)	SURGE PROTECTION	(AF)	ARC FAULT PROTECTION
(ST)	SHUNT TRIP BREAKER	(G/AF)	COMBINATION GFCI/AFCI

ADJUSTABLE TRIP SETTINGS:

(IT)	INSTANTANEOUS SETTING
(LT)	LONG TERM SETTING
(ST)	SHORT TERM SETTING
(MT)	MAGNETIC ADJUSTABLE

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
				Total Conn. Load: 0 kVA
				Total Est. Demand: 0 kVA
				Total Conn.: 0 A
				Total Est. Demand: 0 A

Notes:
RE-FEED NEW CONNECTION FROM EXISTING CIRUCIT LOCATION. PROVIDE NEW BREAKER.

Panelboard: HQ LC

EXISTING

Location: MECH 108
Supply From: HQ
Mounting: SURFACE
Enclosure: Type 1

Voltage: 240V/120
Phases: 1
Wires: 3

A.I.C. Rating: 22,000 AIC
Mains Type: MLO
Bus Rating: 100 A

CKT	Circuit Description	Note	Trip	Poles	A (kVA)		B (kVA)		Poles	Trip	Note	Circuit Description	CKT
1	DO NOT USE		--	1	--	0			1	20 A		DISPLAY CASE	2
3	SLIDE WINDOW		20 A	1			0	0	1	20 A		MENS HEAT EUH-2	4
5	WOMENS HEAT EUH-1		20 A	1	0	0			1	20 A		KIOSK	6
7	[SPACE]		--	1			--	--	1	--		DO NOT USE	8
				Total Load:	0 kVA		0 kVA						
				Total Amps:	0 A		0 A						

FEEDER BREAKER NOTES:

(G)	GROUND FAULT PROTECTION	(LN)	BREAKER LOCK IN ON POSITION
(M)	INTEGRAL METER	(LF)	BREAKER LOCK IN OFF POSITION
(S)	SURGE PROTECTION	(AF)	ARC FAULT PROTECTION
(ST)	SHUNT TRIP BREAKER	(G/AF)	COMBINATION GFCI/AFCI

ADJUSTABLE TRIP SETTINGS:

(IT)	INSTANTANEOUS SETTING
(LT)	LONG TERM SETTING
(ST)	SHORT TERM SETTING

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
				Total Conn. Load: 0 kVA
				Total Est. Demand: 0 kVA
				Total Conn.: 0 A
				Total Est. Demand: 0 A

Notes:
RE-FEED NEW CONNECTION FROM EXISTING CIRUCIT LOCATION. PROVIDE NEW BREAKER.

ELECTRICAL CONNECTION SCHEDULE

TAG	DESCRIPTION	LOCATION NO	LOCATION NAME	LOAD kVA	LOAD F.L.A.	LOAD M.C.A.	LOAD VOLT	LOAD PH	CIRCUITING INFORMATION OCP (Amps)	WIRE SIZE & CONDUIT	PANEL	CIRCUIT #	STARTER TYPE	STARTER FURNISHED / INSTALLED	CONTROLLER TYPE	CONTROLLER FURNISHED / INSTALLED	DISCONNECT TYPE	DISCONNECT FURNISHED / INSTALLED	ACCESSORIES	NEMA TYPE/CONFIGURATION	POWER SOURCE TYPE: NORMAL	POWER SOURCE TYPE: LIFE SAFETY	POWER SOURCE TYPE: LEGALLY REQUIRED	POWER SOURCE TYPE: OPTIONAL STAND-BY	FOOT NOTES
CEF-1	CEILING EXHAUST FAN	103	MEN'S TR	0.3	2.5	3.1	120	1	20	#12,#12N,#12G-3/4"C	HQ	13	MAN	MF	CT	EC	NFS	EC			•				(1)(2)
CEF-2	CEILING EXHAUST FAN	102	WOMEN'S TR	0.0	0.3	0.4	120	1	20	#12,#12N,#12G-3/4"C	HQ	13	MAN	MF	CT	EC	NFS	EC			•				(2)
DF-1	DESTRAT FAN	101	LOBBY	0.0	0.1	0.2	120	1	20	#12,#12N,#12G-3/4"C	HQ LC	2	MAN	EC	TC	EC	NFS	EC			•				
DF-2	DESTRAT FAN	104	EDUCATION ROOM	0.0	0.1	0.2	120	1	20	#12,#12N,#12G-3/4"C	HQ	11	MAN	EC	TC	EC	NFS	EC			•				
DF-3	DESTRAT FAN	104	EDUCATION ROOM	0.1	1.0	1.3	120	1	20	#12,#12N,#12G-3/4"C	HQ	11	MAN	EC	TC	EC	NFS	EC			•				
EUH-1	ELECTRIC UNIT HEATER	102	WOMEN'S TR	1.8	15.0	18.8	120	1	20	#12,#12N,#12G-3/4"C	HQ LC	5	MAN	MF	TC	MF	NFS	MF			•				
EUH-2	ELECTRIC UNIT HEATER	103	MEN'S TR	1.8	15.0	18.8	120	1	20	#12,#12N,#12G-3/4"C	HQ LC	4	MAN	MF	TC	MF	NFS	MF			•				

STARTER TYPES:

2-SPD	TWO SPEED
CS	COMBINATION STARTER
ECM	ECM CONTROLLER
MAN	MANUAL SWITCH
FVNR	FULL VOLTAGE NON-REVERSING
FVR	FULL VOLTAGE REVERSING
RVS	REDUCED VOLTAGE
SS	SOFT STARTER
VFD	VARIABLE FREQUENCY DRIVE

CONTROL DEVICES:

0/0	ON-OFF SELECTOR SWITCH
BAS	BUILDING AUTOMATION SYSTEM
CT	CONTACTOR
ECP	EQUIPMENT CONTROL PANEL
HOA	HAND-OFF-AUTO SWITCH
PICS	PROCESS CONTROL SYSTEM
S/S	STOP-START PUSHBUTTONS
TC	TEMPERATURE CONTROLS
TS	TEMPERATURE SENSOR

DISCONNECT TYPES:

CB	CIRCUIT BREAKER
CF	COMBINATION FUSED
CN	COMBINATION NON-FUSED
FS	FUSED SWITCH
IU	INTEGRAL WITH UNIT
MCP	MOTOR CIRCUIT PROTECTOR
NFS	NON-FUSED SWITCH

ACCESSORIES:

AC	AUXILLIARY CONTACTS
GP	GREEN (POWER) PILOT LIGHT
RAG	RED, AMBER & GREEN PILOT LIGHTS
RG	RED & GREEN PILOT LIGHTS

ABBREVIATIONS:

EC	ELECTRICAL CONTRACTOR
GC	GENERAL CONTRACTOR
MC	MECHANICAL CONTRACTOR
MF	MANUFACTURER
TC	TEMPERATURE CONTROL
OT	OTHER CONTRACTOR
OWN	OWNER
PICS	PROCESS INTEGRATED CONTROL SYSTEM

GENERAL NOTES:

- ALL CONDUCTORS ARE COPPER. ALUMINIUM CONDUCTORS WILL HAVE A NOTATION OF (AL) NEXT TO WIRE SIZE.

FOOT NOTES:
(1) - ECM MOTOR.
(2) - INTERLOCK MOTOR WITH OCCUPANCY SENSOR.

HEADQUARTERS LUMINAIRE SCHEDULE

TAG	DESCRIPTION	DEPTH / HEIGHT	MOUNTING	NORMAL OPERATION LUMENS	NORMAL OPERATION WATTS	EMERGENCY OPERATION LUMENS	EMERGENCY OPERATION WATTS	EMERGENCY OPERATION TYPE	VOLTAGE	COLOR TEMP. (K)	C.R.I. (Min)	DIMMING	INTEGRATED OPTIONS CONTROL	INTEGRATED OPTIONS SENSOR	REFLECTOR	FINISH	MANUFACTURER	MODEL SERIES	FOOT NOTES
D	PENDANT MOUNTED 2' x 4' FIXTURE		RIGID PENDANT	4,200	28	0	0		120-277	4000	80	0-10V 10%	-	-	-	-	METALUX	CBRK	1
F	3' DISPLAY FIXTURE		SURFACE	915	15	0	0		120-277	4000	80	NONE	(1)	-	-	-	HALO	HU30M	2
G	WALL MOUNTED VANITY FIXTURE		SURFACE	4,310	31	0	0		120-277	4000	80	0-10V 5%	-	-	-	WHT	METALUX	4AWS-L3C3-UNV	3
H	4' LINEAR FIXTURE		CHAIN HANGER	3,318	20	0	0		120-277	4000	80	0-10V 10%	-	-	LC		METALUX	4SNX-31SL-LC-UNV	4
J	2' x 4' RECESSED FIXTURE	3.25"	RECESSED	5,276	38	0	0		120-277	4000	80	0-10V 10%	-	-	S		METALUX	24CZSB-SCT3-S-UNV	5
X	DOWNLIGHT FIXTURE	7.32"	RECESSED	1,500	15	0	0		120-277	4000	90	0-10V 1%					PORTFOLIO	LD6D15R309040	6
Y	TRACK FIXTURE W/ TRACK	8.95"	TRACK	2300	20.3	0	0		120	4000	90	NONE	-	-	FL	WH	HALO	BAA-L830S-23-FL-940-WHTE-WH	7

EMERGENCY OPERATION TYPES

(1)	INTEGRAL BATTERY 7W	(6)	INTEGRAL BATTERY 700 LUMEN
(2)	INTEGRAL BATTERY (2) 7W	(7)	INTEGRAL BATTERY 1400 LUMEN
(3)	INTEGRAL BATTERY 10W	(8)	BATTERY WITH SELF-DIAGNOSTICS
(4)	INTEGRAL BATTERY (2) 10W	(9)	UL924 TRANSFER DEVICE (EXTERNAL OR INTERNAL)
(5)	INTEGRAL BATTERY 15W	(10)	INTEGRAL GENERATOR TRANSFER DEVICE

INTEGRATED CONTROL TYPES

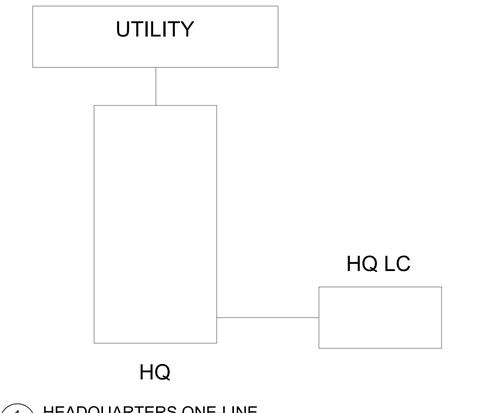
(1)	ROCKER
(2)	WIRED - CAT 6
(3)	WIRELESS

INTEGRATED SENSOR TYPES

(1)	PASSIVE INFRARED
(2)	ULTRASONIC
(3)	DUAL TECHNOLOGY (PIR+ULTRASONIC)
(4)	DIMMING PHOTOCELL

GENERAL NOTES:

FOOT NOTES:
1. EQAUALS BY:
   A. LITHONIA LIGHTING: CPXR SERIES
   B. RAB LIGHTING: RTLED2X4 SERIES
2. EQUALS BY:
   A. LITHONIA LIGHTING: UPLD SERIES
   B. RAB LIGHTING: KNOOK SERIES
3. EQUALS BY:
   A. RAB LIGHTING: C-STRIP SERIES
   B. LITHONIA LIGHTING: ZL1N SERIES
4. EQUALS BY:
   A. RAB LIGHTING: C-STRIP SERIES
   B. LITHONIA LIGHTING: ZL1N SERIES
5. EQUALS BY:
   A. RAB LIGHTING: T34 SERIES
   B. LITHONIA LIGHTING: GTL SERIES
6. EQUALS BY:
   A. RAB LIGHTING: NDLED SERIES
   B. LITHONIA LIGHTING: LDN SERIES
7. EQUALS BY:
   A. RAB LIGHTING: TRACK22 SERIES
   B. JUNO: R610L SERIES



1 E503 HEADQUARTERS ONE-LINE
SCALE: NONE

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SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MLSP PARK HEADQUARTERS ONE-LINE AND SCHEDULES - ELECTRICAL

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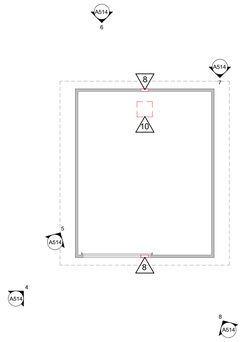
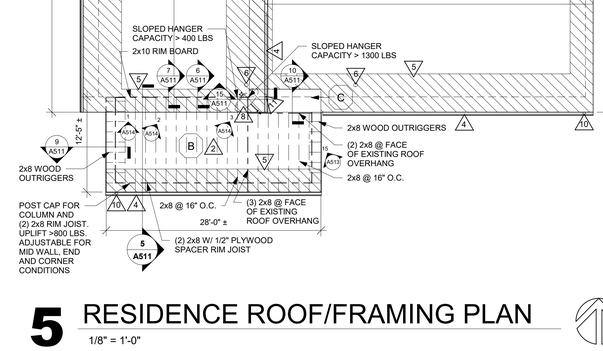
1 RESIDENCE DEMOLITION PLAN

1/8" = 1'-0"



2 GARAGE DEMOLITION PLAN

1/8" = 1'-0"



3 RESIDENCE REMODEL PLAN

1/8" = 1'-0"

4 GARAGE REMODEL PLAN

1/8" = 1'-0"

5 RESIDENCE ROOF/FRAMING PLAN

1/8" = 1'-0"

6 GARAGE ROOF PLAN

1/8" = 1'-0"

DEMOLITION GENERAL NOTES - MLSP RESIDENCE/GARAGE:

A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.

B. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.

C. MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING.

D. ROOM NUMBERS ARE SHOWN ON THIS PLAN FOR INFORMATIONAL AND COORDINATION PURPOSES ONLY.

E. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.

F. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

DEMOLITION PLAN LEGEND - MLSP RESIDENCE/GARAGE:

△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMOVE ITEMS NOTED WITH DASHED LINES

DEMOLITION KEY NOTES - MLSP RESIDENCE/GARAGE

1	REMOVE EXISTING PORCH (1) COURSE HIGH 8" CMU WALL.
2	REMOVE EXISTING PORCH ALUMINUM SCREEN DOOR.
3	REMOVE EXISTING PORCH WOOD FRAMED SCREEN PANELS.
4	REMOVE EXISTING PORCH 4x4 WOOD POST.
5	REMOVE EXISTING PORCH ROOFING SYSTEM AND WOOD FRAMED JOISTS AND BEAMS.
6	EXISTING PORCH CONCRETE SLAB TO REMAIN.
7	REMOVE EXISTING PORCH STEEL PIPE COLUMN.
8	CUT NEW WALL OPENING IN GARAGE WALL FOR NEW WALL LOUVER. REMOVE EXISTING VINYL SIDING AND SALVAGE FOR REINSTALLATION.
9	REMOVE EXISTING TV ANTENNA AND ASSOCIATED GUY WIRES.
10	CUT NEW CELING OPENING THROUGH EXISTING PLYWOOD CELING IN GARAGE FOR ACCESS TO ATTIC SPACE AND CREATE ACCESS PANEL FOR FUTURE ACCESS. WIDTH TO BE SPACE BETWEEN EXISTING WOOD TRUSSES - FEILD VERIFY. LENGTH SHALL BE 30". SALVAGE CUT PORTION OF PLYWOOD CELING THAT WAS CUT TO INSTALL ON NEW WOOD BLOCKING.

REMODEL GENERAL NOTES - MLSP RESIDENCE/GARAGE:

A. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

REMODEL LEGEND - MLSP RESIDENCE/GARAGE:

(A) SYMBOL INDICATES ALUMINUM SCREEN TYPE. SEE SHEET A511 FOR SCREEN FRAME ELEVATIONS.

△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMODEL KEY NOTES - MLSP RESIDENCE/GARAGE

1	PROVIDE NEW 4"x4" WOOD POSTS.
2	PROVIDE NEW 3'-0" WIDE x 6'-8" TALL ALUMINUM SCREEN DOOR - SEE SPEC SECTION 07 77 10.
3	INSTALL NEW ROOF SYSTEM AND WOOD FRAMED ROOF STRUCTURE (RAFTERS AND JOISTS).
4	PROVIDE NEW ALUMINUM LOUVER IN EXISTING WALL FOR VENTING ATTIC SPACE. MODIFY AND REINSTALL VINYL SIDING.
5	PROVIDE NEW 4"x4" WOOD POSTS - ALIGN WITH NEW (2) 2x8 WOOD ROOF FRAMING ABOVE - SEE ROOF/FRAMING PLAN.
6	PROVIDE NEW 4"x4" WOOD POSTS - ALIGN WITH NEW (3) 2x8 WOOD ROOF FRAMING ABOVE - SEE ROOF/FRAMING PLAN.
7	GROOVE OUT EXISTING CONCRETE SLAB CRACK TO A SMOOTH RECTANGULAR SECTION. INSERT BACKING ROD AND SEALANT.
8	NAIL 2X4 BLOCKING TO EXISTING TRUSS AND 2X4 BLOCKING BETWEEN TRUSSES TO FORM AN ACCESS OPENING. MODIFY SALVAGED PLYWOOD AND LAY ON TOP OF NEW WOOD BLOCKING.
9	PROVIDE NEW CONCRETE SPLASH BLOCK.

ROOF GENERAL NOTES - RESIDENCE/GARAGE:

A. ALL METAL ROOF AND FLASHING, SHALL MEET CURRENT SMACNA REQUIREMENTS AND MANUFACTURER'S SPECIFIED WARRANTY.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

ROOF SYSTEM DESCRIPTIONS - RESIDENCE/GARAGE:

(A) NEW ASPHALT SHINGLES OVER NEW UNDERLAYMENT OVER EXISTING SHEATHING ON EXISTING WOOD TRUSSES/RAFTERS.

(B) NEW FULLY ADHERED SINGLE PLY MEMBRANE ROOFING SYSTEM OVER NEW 1/2" GYPSUM COVER BOARD OVER NEW VAPOR BARRIER OVER NEW 3/4" PLYWOOD SHEATHING ON NEW WOOD RAFTERS.

(C) NEW FULLY ADHERED SINGLE PLY MEMBRANE ROOFING SYSTEM OVER EXISTING SHEATHING ON EXISTING WOOD TRUSSES/RAFTERS.

ROOF KEY NOTES - MLSP RESIDENCE/GARAGE

1	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAILS 16, 17 & 19A511.
2	PROVIDE NEW METAL FLASHINGS AND ADHERED SINGLE MEMBRANE ROOFING SYSTEM OVER 1/2" GYPSUM COVER BOARD OVER 3/4" PLYWOOD ROOF SHEATHING OVER NEW WOOD RAFTERS.
3	REMOVE EXISTING METAL GUTTER AND DOWNSPOUT SYSTEM. PROVIDE NEW METAL GUTTER AND DOWNSPOUT SYSTEM.
4	PROVIDE NEW METAL GUTTER AND DOWNSPOUT SYSTEM.
5	AT DIAGONAL HATCHED AREA, PROVIDE ICE AND WATER PROTECTION MEMBRANE.
6	EXISTING PIPE PENETRATION TO REMAIN. REMOVE EXISTING FLASHING AND PROVIDE NEW. SEE DETAIL 18A511.
7	REMOVE EXISTING TV ANTENNA AND ASSOCIATED GUY WIRES.
8	REMOVE EXISTING ROOF MOUNTED SATELLITE DISH.
9	NEW DRAINSPOUT LOCATION - MATCH EXISTING. PROVIDE CONCRETE SPLASH BLOCK.
10	NEW DRAINSPOUT LOCATION. PROVIDE CONCRETE SPLASH BLOCK.
11	NEW DRAINSPOUT LOCATION. PROVIDE CONCRETE SPLASH BLOCK ON LOWER ROOF FOR DOWNSPOUT DISCHARGE.

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SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MLSP RESIDENCE AND GARAGE PLANS

Revisions:

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Graphic Scale	0' 2' 4' 8' 12'
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ELEVATION GENERAL NOTES - MLSP RESIDENCE/GARAGE:

A. SEE SPECIFICATION FOR MATERIAL TYPE.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

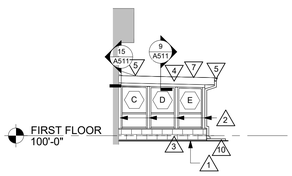
ELEVATION LEGEND - MLSP RESIDENCE/GARAGE:

1 KEYNOTE TAG

A ALUMINUM SCREEN TAG - SEE SHEET A511 FOR ALUMINUM SCREEN FRAME ELEVATIONS

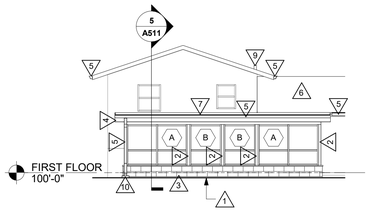
ELEVATION KEY NOTES - MLSP RESIDENCE/GARAGE

1	EXISTING CONCRETE SLAB TO REMAIN.
2	PROVIDE NEW 4"x4" WOOD POSTS.
3	INSTALL NEW (2) COURSE HIGH CMU - PAINT.
4	INSTALL NEW WOOD FRAMED ROOF STRUCTURE (RAFTERS AND JOISTS).
5	PROVIDE NEW METAL GUTTER AND DOWNSPOUT SYSTEM.
6	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAILS 16, 17 & 19A511.
7	PROVIDE NEW FULLY ADHERED SINGLE MEMBRANE ROOFING SYSTEM.
8	PROVIDE NEW 3'-0"W x 6'-8"H ALUMINUM SCREEN DOOR - SEE SPEC SECTION 07 77 10.
9	EXISTING PIPE PENETRATION TO REMAIN. REMOVE EXISTING FLASHING AND PROVIDE NEW. SEE DETAIL 18A511.
10	PROVIDE NEW CONCRETE SPLASH BLOCK.



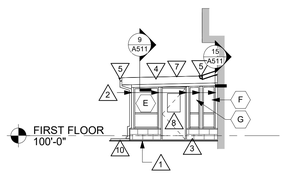
1 WEST ELEVATION

1/8" = 1'-0"



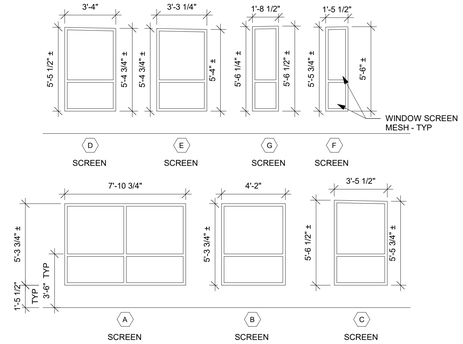
2 SOUTH ELEVATION

1/8" = 1'-0"



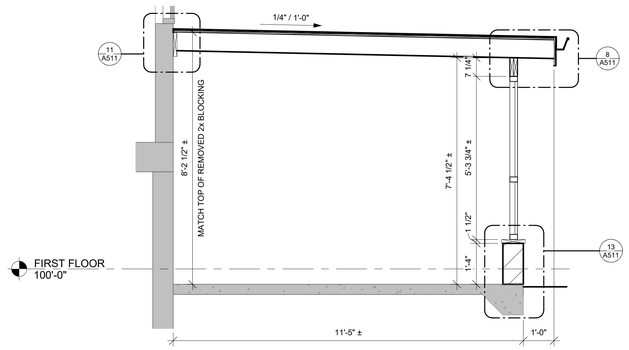
3 EAST ELEVATION

1/8" = 1'-0"



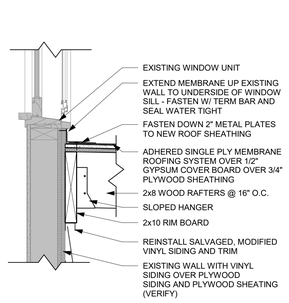
4 ALUMINUM SCREEN FRAME ELEVATIONS

1/4" = 1'-0"



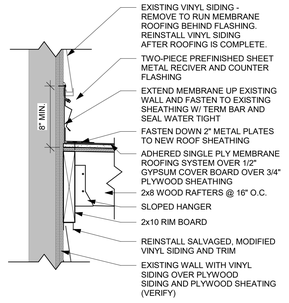
5 BUILDING SECTION

1/2" = 1'-0"



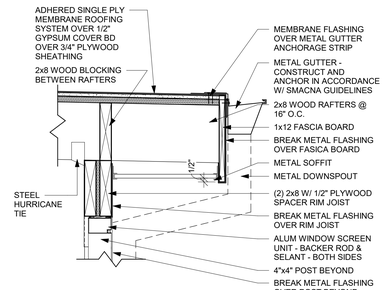
6 WDO/ROOF DETAIL

1 1/2" = 1'-0"



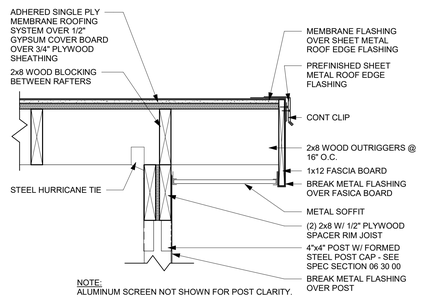
7 WALL/ROOF DETAIL

1 1/2" = 1'-0"



8 ROOF EDGE DETAIL

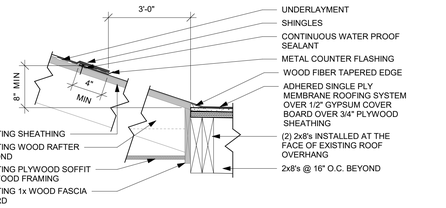
1 1/2" = 1'-0"



NOTE:
ALUMINUM SCREEN NOT SHOWN FOR POST CLARITY.

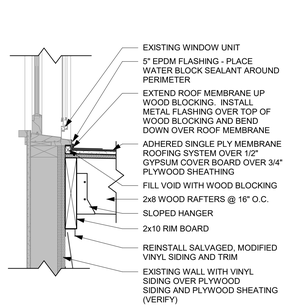
9 ROOF EDGE DETAIL

1 1/2" = 1'-0"



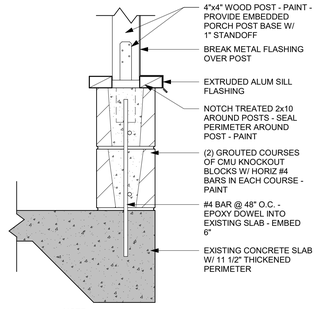
10 EPDM TERMINATION @ SHINGLE

1 1/2" = 1'-0"



11 WDO/ROOF DETAIL

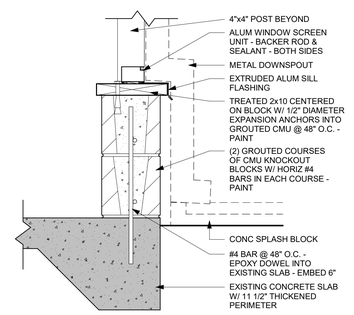
1 1/2" = 1'-0"



NOTE:
ALUMINUM SCREEN NOT SHOWN FOR POST CLARITY.

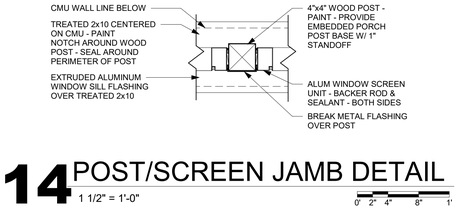
12 WALL/SLAB DETAIL

1 1/2" = 1'-0"



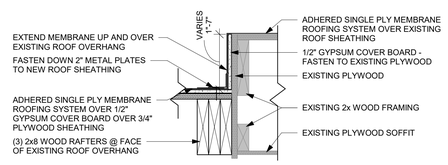
13 WALL/SLAB DETAIL

1 1/2" = 1'-0"



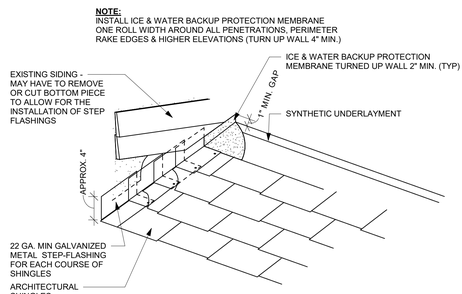
14 POST/SCREEN JAMB DETAIL

1 1/2" = 1'-0"



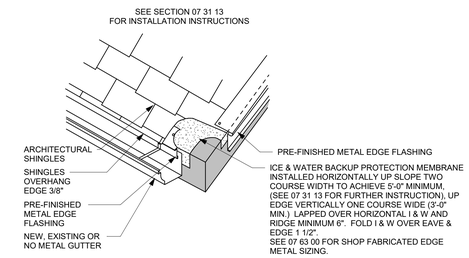
15 ROOF DETAIL

1 1/2" = 1'-0"



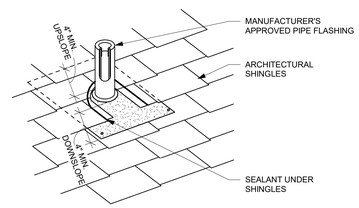
16 ROOF STEP FLASHING/SIDING DETAIL

1 1/2" = 1'-0"



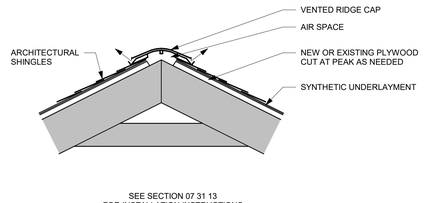
17 EAVE & RAKE FLASHING DETAIL

1 1/2" = 1'-0"



18 ROOF VENT STACK DETAIL

1 1/2" = 1'-0"



19 ROOF VENTED RIDGE DETAIL

1 1/2" = 1'-0"

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MLSP RESIDENCE ELEVATIONS, BUILDING SECTION, AND DETAILS

Revisions:

No.	Date:	Description:

Graphic Scale	VARIES
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A511

SITE PHOTO KEY NOTES - MLSP RESIDENCE/GARAGE

1	REMOVE EXISTING (1) COURSE HIGH 8" CMU WALL. INSTALL NEW (2) COURSE HIGH 8" CMU WALL - SEE DETAILS.
2	REMOVE EXISTING ALUMINUM SCREEN DOOR, WOOD FRAMED SCREEN PANEL, 4X4 WOOD POSTS, WOOD RAFTERS, WOOD BEAM & ROOF SYSTEM. PROVIDE NEW ALUMINUM FRAMED SCREENS, 4X4 WOOD POST, ALUMINUM SCREEN DOOR, WOOD RAFTERS, WOOD JOISTS, & MEMBRANE ROOF SYSTEM & NEW METAL GUTTERS AND DOWNSPOUT.
3	EXISTING CONCRETE SLAB TO REMAIN.
4	REMOVE EXISTING STEEL PIPE POST.
5	CUT EXISTING WALL FOR NEW WALL LOUVER. REMOVE EXISTING VINYL WALL SIDING, SALVAGE, MODIFY AND REINSTALL AFTER NEW LOUVER IS INSTALLED
6	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAILS 16, 17 & 19A511.
7	REMOVE EXISTING METAL GUTTER AND DOUNSPOUT SYSTEM. PROVIDE NEW METAL GUTTER AND DOWNSPOUT SYSTEM IN KIND.
8	REMOVE EXISTING TV ANTENNA AND ASSOCIATED GUY WIRES.
9	REMOVE EXISTING ROOF MOUNTED SATELITTE DISH.
10	GROOVE OUT EXISTING CONCRETE SLAB CRACK TO A SMOOTH RECTANGULAR SECTION, INSERT BACKING ROD AND SEALANT.
11	REMOVE 8"± OF VINYL SIDING AT EXISTING WALL AND SALVAGE. PROVIDE NEW 2x10 RIM BOARD ON EXISTING WALL (MATCH TOP OF NEW RIM BOARD WITH TOP OF EXISTING RAFTERS).
12	EXISTING WOOD RAILING TO REMAIN.
13	EXISTING HOUSE ROOF OVERHANG TO REMAIN.
14	PROVIDE NEW METAL GUTTER AND DOWNSPOUT SYSTEM.
15	EXISTING PIPE PENETRATION TO REMAIN. REMOVE EXISTING FLASHING AND PROVIDE NEW. SEE DETAIL 18A511.
16	REMOVE AND SALVAGE EXISTING VINYL SIDING TO RUN MEMBRANE ROOFING BEHIND FLASHING. REINSTALL VINYL SIDING AFTER ROOFING IS COMPLETE.
17	EXISTING WINDOW TO REMAIN. SEE DETAIL 6A511.
18	REMOVE EXISTING MEMBRANE ROOFING SYSTEM DOWN TO EXISTING SHEATHING. ROOF FRAMING AND EXISTING SHEATHING TO REMAIN. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. INSTALL NEW MEMBRANE ROOFING SYSTEM - SEE DETAIL 10A511.
19	EXISTING WINDOW TO REMAIN. SEE DETAIL 11A511.
20	INSTALL NEW 1/2" GYPSUM COVER BOARD AND FASTEN EXISTING PLYWOOD AND WOOD FRAMING - SEE DETAIL 15A511
21	EXISTING BAT HOUSE TO BE REMOVED AND REINSTALLED BY OWNER.

1 SITE PHOTO

2 SITE PHOTO

3 SITE PHOTO

4 SITE PHOTO

5 SITE PHOTO

6 SITE PHOTO

7 SITE PHOTO

8 SITE PHOTO

9 SITE PHOTO

10 SITE PHOTO

11 SITE PHOTO

12 SITE PHOTO

13 SITE PHOTO

14 SITE PHOTO

15 SITE PHOTO

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MLSP RESIDENCE AND GARAGE SITE PHOTOS

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A512

SITE PHOTO KEY NOTES - MLSP RESIDENCE/GARAGE

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1 SITE PHOTO

2 SITE PHOTO

3 SITE PHOTO

4 SITE PHOTO

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10 SITE PHOTO

11 SITE PHOTO

12 SITE PHOTO

13 SITE PHOTO

14 SITE PHOTO

15 SITE PHOTO

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DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MLSP RESIDENCE AND GARAGE SITE PHOTOS

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A513

SITE PHOTO KEY NOTES - MLSP RESIDENCE/GARAGE

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21	EXISTING BAT HOUSE TO BE REMOVED AND REINSTALLED BY OWNER.

1 SITE PHOTO

3/16" = 1'-0"

2 SITE PHOTO

3 SITE PHOTO

4 SITE PHOTO

5 SITE PHOTO

6 SITE PHOTO

7 SITE PHOTO

8 SITE PHOTO

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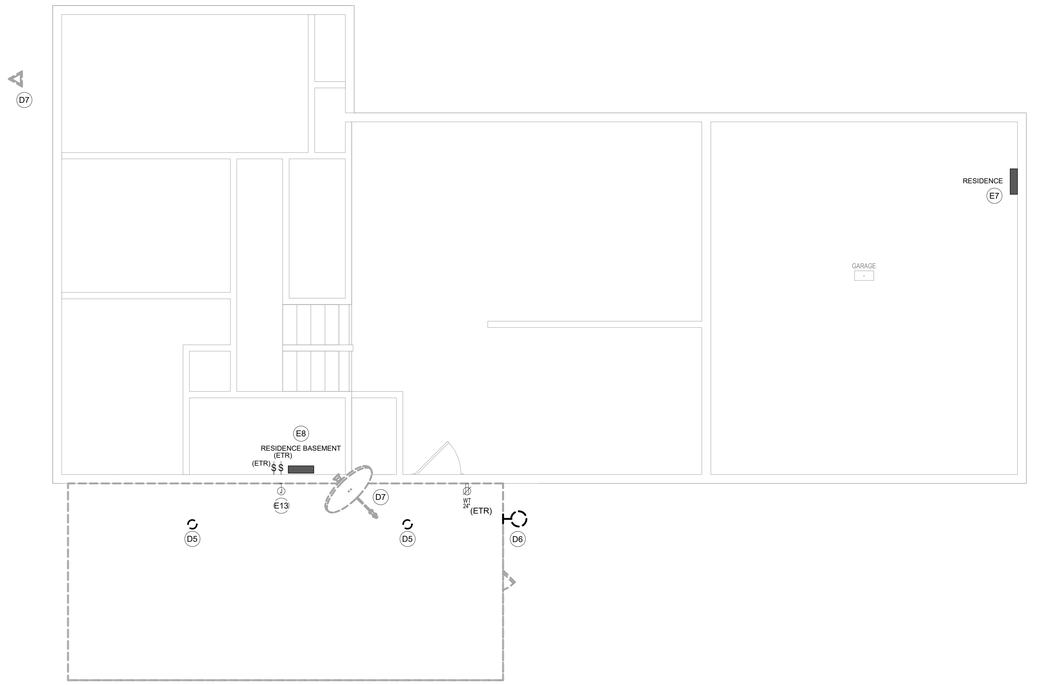
Sheet Title:
MLSP RESIDENCE AND GARAGE SITE PHOTOS

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A514



1 E510 MIRROR LAKE RESIDENCE – DEMOLITION

SCALE: 1/4" = 1'-0"

DEMOLITION KEYED NOTES

(KEYED NOTES PER PROJECT)

- D5 EXISTING LIGHT FIXTURES TO BE DISCONNECTED AND REMOVED. DISCONNECT AND REMOVE CONDUCTORS BACK TO SOURCE. DISCONNECT AND REMOVE EXISTING CONDUIT TO EXTERIOR MOUNTED JUNCTION BOX.
- D6 EXISTING LIGHT FIXTURE TO BE DISCONNECTED AND REMOVED COMPLETE.
- D7 EXISTING LOW-VOLTAGE WIRING FROM SATELLITE AND RADIO ANTENNA TO BE DISCONNECTED AND REMOVED COMPLETE.
- E7 EXISTING 240/120V 1-PHASE, 3-WIRE 225A SQUARE D QO SERIES LOAD CENTER WITH SERVICE RATED DISCONNECT "RESIDENCE" TO REMAIN.
- E8 EXISTING 240/120V 1-PHASE, 3-WIRE 100A SQUARE D QO SERIES LOAD CENTER "RESIDENCE BASEMENT" TO REMAIN.
- E13 EXISTING EXTERIOR MOUNTED JUNCTION BOX TO REMAIN.

Panelboard: RESIDENCE — DEMO

Location: GARAGE
Supply From: UTILITY
Mounting: SURFACE
Enclosure: Type 1

Voltage: 240V/120
Phases: Not Computed
Wires: Not Computed

A.I.C. Rating: 22,000 AIC
Mains Type: MCB
Bus Rating: 225 A
MCB Rating: 200 A

MAIN CIRCUIT BREAKER REQUIREMENTS:

____ GROUND FAULT PROTECTION	____ SHUNT TRIP BREAKER	____ ADJUSTABLE LONG TERM
____ INTEGRAL METER	____ ADJUSTABLE MAGNETIC	____ ADJUSTABLE SHORT TERM
____ SURGE PROTECTION		____ ADJUSTABLE INSTANTANEOUS

CKT	Circuit Description	Note	Trip	Poles	A (kVA)		B (kVA)		C (kVA)		Poles	Trip	Note	Circuit Description	CKT
1	GARAGE FREEZER - RECPT. GARAG...		20 A	1	0	0					2	60 A		BASEMENT PANEL	2
3	GARAGE BENCH RECPT.		20 A	1			0	0							4
5	RANGE		40 A	2					0	0	1	30 A		MOTION LIGHT PORCH	6
7					0	0					1	20 A		BACK GARAGE	8
9	RECPT. KITCHEN SOUTH		20 A	1			0	0			1	20 A		BACK GARAGE	10
11	RECPT. KITCHEN SOUTH		20 A	1					0	--	1	--		[SPACE]	12
13	RECPT. KITCHEN NORTH		20 A	1	0	--					1	--		[SPACE]	14
15	RECPT. KITCHEN EAST		20 A	1			0	--			1	--		[SPACE]	16
17	LIGHTS - KITCHEN		20 A	1					0	--	1	--		[SPACE]	18
19	LIVING ROOM		20 A	1	0	--					1	--		[SPACE]	20
21	OUTSIDE STORAGE - GARAGE		20 A	1			0	--			1	--		[SPACE]	22
23	DOOR BELL TRANSFORMER		20 A	1					0	--	1	--		[SPACE]	24
25	[SPACE]		--	1	--	--					1	--		[SPACE]	26
27	[SPACE]		--	1			--	--			1	--		[SPACE]	28
29	[SPACE]		--	1					--	--	1	--		[SPACE]	30
				Total Load:	0 kVA		0 kVA		0 kVA						
				Total Amps:											

FEEDER BREAKER NOTES:

(G) GROUND FAULT PROTECTION	(LN) BREAKER LOCK IN ON POSITION	
(M) INTEGRAL METER	(LF) BREAKER LOCK IN OFF POSITION	
(S) SURGE PROTECTION	(AF) ARC FAULT PROTECTION	
(ST) SHUNT TRIP BREAKER	(G/AF) COMBINATION GFCI/AFCI	

ADJUSTABLE TRIP SETTINGS:

(IT) INSTANTANEOUS SETTING	
(LT) LONG TERM SETTING	
(ST) SHORT TERM SETTING	
(MT) MAGNETIC ADJUSTABLE	

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 kVA
				Total Est. Demand:	0 kVA
				Total Conn.:	Not Computed
				Total Est. Demand:	Not Computed

Notes:

Panelboard: RESIDENCE — NEW

Location: GARAGE
Supply From: UTILITY
Mounting: SURFACE
Enclosure: Type 1

Voltage: 240V/120
Phases: 1
Wires: 3

A.I.C. Rating: 22,000 AIC
Mains Type: MCB
Bus Rating: 225 A
MCB Rating: 200 A

MAIN CIRCUIT BREAKER REQUIREMENTS:

____ GROUND FAULT PROTECTION	____ SHUNT TRIP BREAKER	____ ADJUSTABLE LONG TERM
____ INTEGRAL METER	____ ADJUSTABLE MAGNETIC	____ ADJUSTABLE SHORT TERM
____ SURGE PROTECTION		____ ADJUSTABLE INSTANTANEOUS

CKT	Circuit Description	Note	Trip	Poles	A (kVA)		B (kVA)		Poles	Trip	Note	Circuit Description	CKT
1	GARAGE FREEZER - RECPT. GARAGE...		20 A	1	0	0			2	20 A		DRYER	2
3	GARAGE BENCH RECPT.		20 A	1			0	0					4
5					0	0			1	20 A		RECPT. REC ROOM	6
7	[SPACE]		--	1			--	0	1	20 A		RECPT. BED ROOM	8
9	[SPACE]		--	1	--	0			2	20 A		WATER PUMP	10
11	AIR CONDITIONER		20 A	2			0	0					12
13					0	0			1	20 A		FREEZER	14
15	RECPT. BATHROOM		20 A	1	0	0			1	20 A		LIGHTS AND RECPT. REC ROOM	16
				Total Load:	0 kVA		0 kVA						
				Total Amps:	0 A		0 A						

FEEDER BREAKER NOTES:

(G) GROUND FAULT PROTECTION	(LN) BREAKER LOCK IN ON POSITION	
(M) INTEGRAL METER	(LF) BREAKER LOCK IN OFF POSITION	
(S) SURGE PROTECTION	(AF) ARC FAULT PROTECTION	
(ST) SHUNT TRIP BREAKER	(G/AF) COMBINATION GFCI/AFCI	

ADJUSTABLE TRIP SETTINGS:

(IT) INSTANTANEOUS SETTING	
(LT) LONG TERM SETTING	
(ST) SHORT TERM SETTING	

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 kVA
				Total Est. Demand:	0 kVA
				Total Conn.:	0 A
				Total Est. Demand:	0 A

Notes: TOTAL ESTIMATED DEMAND SHOW ONLY NEW LOADS ONLY.

Panelboard: RESIDENCE BASEMENT — DEMO

Location: BASEMENT
Supply From: RESIDENCE
Mounting: SURFACE
Enclosure: Type 1

Voltage: 240V/120
Phases: 1
Wires: 3

A.I.C. Rating: 22,000 AIC
Mains Type: MLO
Bus Rating: 100 A

CKT	Circuit Description	Note	Trip	Poles	A (kVA)		B (kVA)		Poles	Trip	Note	Circuit Description	CKT
1	BED ROOM LIGHTS		20 A	1	0	0			2	30 A		DRYER	2
3	FURNACE		20 A	1			0	0					4
5	WASHER		20 A	1	0	0			1	20 A		RECPT. REC ROOM	6
7	[SPACE]		--	1			--	0	1	20 A		RECPT. BED ROOM	8
9	[SPACE]		--	1	--	0			2	20 A		WATER PUMP	10
11	AIR CONDITIONER		20 A	2			0	0					12
13					0	0			1	20 A		FREEZER	14
15	RECPT. BATHROOM		20 A	1	0	0			1	20 A		LIGHTS AND RECPT. REC ROOM	16
				Total Load:	0 kVA		0 kVA						
				Total Amps:	0 A		0 A						

FEEDER BREAKER NOTES:

(G) GROUND FAULT PROTECTION	(LN) BREAKER LOCK IN ON POSITION	
(M) INTEGRAL METER	(LF) BREAKER LOCK IN OFF POSITION	
(S) SURGE PROTECTION	(AF) ARC FAULT PROTECTION	
(ST) SHUNT TRIP BREAKER	(G/AF) COMBINATION GFCI/AFCI	

ADJUSTABLE TRIP SETTINGS:

(IT) INSTANTANEOUS SETTING	
(LT) LONG TERM SETTING	
(ST) SHORT TERM SETTING	

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 kVA
				Total Est. Demand:	0 kVA
				Total Conn.:	0 A
				Total Est. Demand:	0 A

Notes:

Panelboard: RESIDENCE BASEMENT — NEW

Location: BASEMENT
Supply From: RESIDENCE
Mounting: SURFACE
Enclosure: Type 1

Voltage: 240V/120
Phases: 1
Wires: 3

A.I.C. Rating: 22,000 AIC
Mains Type: MLO
Bus Rating: 100 A

CKT	Circuit Description	Note	Trip	Poles	A (kVA)		B (kVA)		Poles	Trip	Note	Circuit Description	CKT
1	BED ROOM LIGHTS		20 A	1	0	0			2	30 A		DRYER	2
3	FURNACE		20 A	1			0	0					4
5	WASHER		20 A	1	0	0			1	20 A		RECPT. REC ROOM	6
7	[SPACE]		--	1			--	0	1	20 A		RECPT. BED ROOM	8
9	[SPACE]		--	1	--	0			2	20 A		WATER PUMP	10
11	AIR CONDITIONER		20 A	2			0	0					12
13					0	0			1	20 A		FREEZER	14
15	RECPT. BATHROOM		20 A	1	0	0			1	20 A		LIGHTS AND RECPT. REC ROOM	16
				Total Load:	0 kVA		0 kVA						
				Total Amps:	0 A		0 A						

FEEDER BREAKER NOTES:

(G) GROUND FAULT PROTECTION	(LN) BREAKER LOCK IN ON POSITION	
(M) INTEGRAL METER	(LF) BREAKER LOCK IN OFF POSITION	
(S) SURGE PROTECTION	(AF) ARC FAULT PROTECTION	
(ST) SHUNT TRIP BREAKER	(G/AF) COMBINATION GFCI/AFCI	

ADJUSTABLE TRIP SETTINGS:

(IT) INSTANTANEOUS SETTING	
(LT) LONG TERM SETTING	
(ST) SHORT TERM SETTING	

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 kVA
				Total Est. Demand:	0 kVA
				Total Conn.:	0 A
				Total Est. Demand:	0 A

Notes: TOTAL ESTIMATED DEMAND SHOW ONLY NEW LOADS ONLY.

EXISTING CONDITIONS ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR THE EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

DEMOLITION GENERAL NOTES:

- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION-1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
- ALL DARK DASHED LINES APPROXIMATELY INDICATE EXISTING DEVICES TO BE DISCONNECTED AND REMOVED, UNLESS INDICATED OTHERWISE. REMOVE ANY/ALL UNUSED BOXES, WIRING AND CONDUIT BACK TO SOURCE. ALL PROPERLY SIZED AND PROPERLY SUPPORTED CONDUIT ONLY MAY BE REUSED.
- ALL SOLID LIGHT LINES INDICATE EXISTING DEVICES/EQUIPMENT TO REMAIN IN SERVICE, UNLESS NOTED OTHERWISE.
- ANY/ALL BOXES, CONDUIT, WIRING AND CABLING THAT IS DISCONNECTED AS PART OF THIS PROJECT SHALL BE REMOVED BACK TO SOURCE AND AVAILABLE COMPONENTS SHALL BE RELABELED AS 'SPARE' UNLESS NOTED OTHERWISE.
- EXISTING PROJECT CONDITIONS: INFORMATION PERTAINING TO EXISTING PROJECT CONDITIONS, SUCH AS PRESENT LOCATIONS OF ARCHITECTURAL AND STRUCTURAL BUILDING COMPONENTS, MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, ROUGH-INS AND OTHER MISCELLANEOUS CONSTRUCTION, APPEARS ON THE DRAWINGS. WHILE SUCH INFORMATION HAS BEEN BASED ON AVAILABLE RECORDS AND COLLECTED WITH REASONABLE CARE, THE ARCHITECT AND ENGINEER DO NOT ASSUME ANY EXPRESSED OR IMPLIED GUARANTEE THAT CONDITIONS SO INDICATED ARE SHOWN ENTIRELY COMPLETE, CORRECT AND REPRESENTATIVE OF THOSE ACTUALLY EXISTING. ALL CONTRACTORS SHALL SATISFY THEMSELVES AS TO ALL EXISTING JOB CONDITIONS PRIOR TO BIDDING, AND VERIFY ALL DIMENSIONS AT THE SITE.
- ELECTRICAL CONTRACTOR TO DE-ENERGIZE ANY/ALL EQUIPMENT DESIGNATED FOR DEMOLITION PRIOR TO REMOVAL BY OTHERS.
- WHERE EXISTING PANELS ARE BEING REUSED, PROVIDE NEW BREAKER(S) IN EXISTING PANEL(S) TO FEED ANY/ALL NEW LOADS SHOWN ON THE PLANS.
- REFER TO PHASING PLAN FOR MAINTAINING, DE-ENERGIZING, AND ENERGIZING EQUIPMENT.
- ALL EXISTING ELECTRICAL EQUIPMENT NOTED WITH A SUBSCRIPT "(ETR)" SHALL BE PROPERLY PROTECTED AGAINST DAMAGE DURING THE PERIOD OF THIS RENOVATION.
- WHERE MATERIALS ARE TO BE TURNED OVER TO OWNER OR REUSED AND INSTALLED BY CONTRACTOR, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN CONDITION OF MATERIALS AND EQUIPMENT AT NO ADDITIONAL COST TO OWNER.
- EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.

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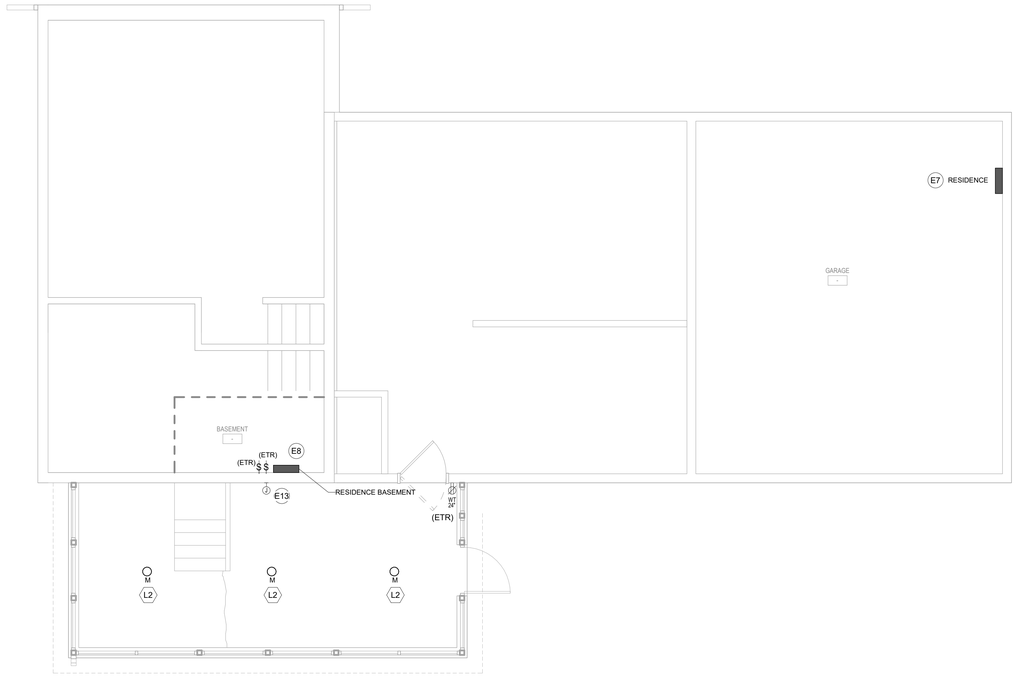
CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MLSP RESIDENCE AND GARAGE DEMOLITION PLANS - ELECTRICAL

Revisions:

No.	Date:	Description:

Graphic Scale	0' 1' 2' 4' 6'
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	E510



1 E511 MIRROR LAKE RESIDENCE – ELECTRICAL
SCALE: 1/4" = 1'-0"

KEYED NOTES

(KEYED NOTES PER PROJECT)

E7 EXISTING 240/120V 1-PHASE, 3-WIRE 225A SQUARE D QO SERIES LOAD CENTER WITH SERVICE RATED DISCONNECT "RESIDENCE" TO REMAIN.

E8 EXISTING 240/120V 1-PHASE, 3-WIRE 100A SQUARE D QO SERIES LOAD CENTER "RESIDENCE BASEMENT" TO REMAIN.

E13 EXISTING EXTERIOR MOUNTED JUNCTION BOX TO REMAIN.

L2 EXTEND NEW CONDUCTORS THRU EXISTING EXTERIOR MOUNTED JUNCTION BOX. PROVIDE NEW CONDUIT AND CONDUCTORS TO NEW FIXTURES. CONNECT TO EXISTING LIGHTING CONTROL SWITCH IN BASEMENT. RE-FEED FROM EXISTING CIRCUIT.

RESIDENCE LUMINAIRE SCHEDULE

TAG	DESCRIPTION	DEPTH / HEIGHT	MOUNTING	NORMAL OPERATION LUMENS	NORMAL OPERATION WATTS	EMERGENCY OPERATION LUMENS	EMERGENCY OPERATION WATTS	EMERGENCY OPERATION TYPE	VOLTAGE	COLOR TEMP. (K)	C.R.I. (Min)	DIMMING	INTEGRATED OPTIONS CONTROL	INTEGRATED OPTIONS SENSOR	REFLECTOR	FINISH	MANUFACTURER	MODEL SERIES	FOOT NOTES
M	SURFACE MOUNTED FIXTURE	5.625"	SURFACE	1,175	10	0	0		120-277	4000	80	NONE	-	-	TRR	BLK	FAIL-SAFE	TRR11-LD4-10 W-40-OPL-BK-ED-C1	1

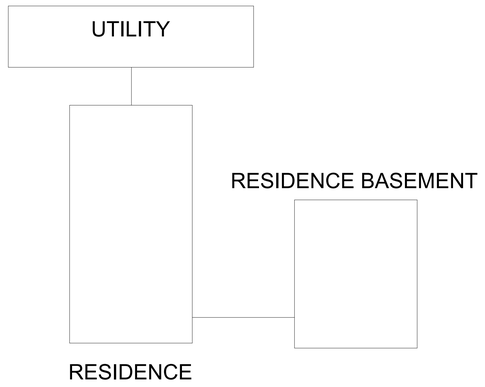
FOOT NOTES:
1. EQUALS BY:
   A. RAB LIGHTING: SUMO SERIES
   B. LITHONIA LIGHTING: OLCFM SERIES

EMERGENCY OPERATION TYPES
(1) INTEGRAL BATTERY 7W
(2) INTEGRAL BATTERY (2) 7W
(3) INTEGRAL BATTERY 10W
(4) INTEGRAL BATTERY (2) 10W
(5) INTEGRAL BATTERY 15W
(6) INTEGRAL BATTERY 700 LUMEN
(7) INTEGRAL BATTERY 1400 LUMEN
(8) BATTERY WITH SELF-DIAGNOSTICS
(9) UL924 TRANSFER DEVICE (EXTERNAL OR INTERNAL)
(10) INTEGRAL GENERATOR TRANSFER DEVICE

INTEGRATED CONTROL TYPES
(1) ROCKER
(2) WIRED - CAT 6
(3) WIRELESS

INTEGRATED SENSOR TYPES
(1) PASSIVE INFRARED
(2) ULTRASONIC
(3) DUAL TECHNOLOGY (PIR+ULTRASONIC)
(4) DIMMING PHOTOCELL

GENERAL NOTES:



2 E511 RESIDENCE ONE-LINE
SCALE: NONE

ELECTRICAL GENERAL NOTES:

- EXISTING PROJECT CONDITIONS: INFORMATION PERTAINING TO EXISTING PROJECT CONDITIONS, SUCH AS PRESENT LOCATIONS OF ARCHITECTURAL AND STRUCTURAL BUILDING COMPONENTS, MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, ROUGH-INS AND OTHER MISCELLANEOUS CONSTRUCTION, APPEARS ON THE DRAWINGS. WHILE SUCH INFORMATION HAS BEEN BASED ON AVAILABLE RECORDS AND COLLECTED WITH REASONABLE CARE, THE ARCHITECT AND ENGINEER DO NOT ASSUME ANY EXPRESSED OR IMPLIED GUARANTEE THAT CONDITIONS SO INDICATED ARE SHOWN ENTIRELY COMPLETE, CORRECT AND REPRESENTATIVE OF THOSE ACTUALLY EXISTING. ALL CONTRACTORS SHALL SATISFY THEMSELVES AS TO ALL EXISTING JOB CONDITIONS PRIOR TO BIDDING, AND VERIFY ALL DIMENSIONS AT THE SITE.
- REFER TO SHEETS E000 FOR ALL SYMBOLS AND ABBREVIATIONS.
- THE CONTRACTOR MAY INSTALL UP TO THREE (3) CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON THWN INSULATION, 40°C AMBIENT WITH DERATINGS FOR TEMPERATURE AND UP TO THREE (3) CONDUCTORS IN A CONDUIT. CONTACT THE ENGINEER FOR WIRING IN OTHER CONDITIONS.
- VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
- REFER TO ARCHITECTURAL PLANS, SECTIONS, ELEVATIONS, AND REFLECTED CEILING PLANS FOR EXACT LOCATION AND COORDINATION OF ALL LIGHT FIXTURE INSTALLATIONS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION 1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
- ALL SOLID LIGHT LINES INDICATE EXISTING DEVICES/EQUIPMENT TO REMAIN IN SERVICE, UNLESS NOTED OTHERWISE.
- WHERE EXISTING PANELS ARE BEING REUSED, PROVIDE NEW BREAKER(S) IN EXISTING PANEL(S) TO FEED ANY/ALL NEW LOADS SHOWN ON THE PLANS.
- REFER TO SECTION 26 05 19 FOR SPECIFIC WIRING REQUIREMENTS. NOTE THAT HIGH AMBIENT SPACES, MECHANICAL ROOMS, UTILITY ROOMS, AND EXTERIOR EXPOSED CONDUIT SHALL BE 90 DEGREE C, XHHW-2 CONDUCTORS.
- REFER TO PHASING PLAN FOR MAINTAINING, DE-ENERGIZING, AND ENERGIZING EQUIPMENT.
- ALL WIRING WITHIN THE BUILDING SHALL BE CONCEALED EXCEPT IN UNFINISHED SPACES.
- ALL GFCI RECEPTACLES ON THIS PROJECT SHALL BE WEATHER RESISTANT (WR) RATED.
- POWER CONDUCTORS SHALL BE SIZED PER THE NEC AMPACITY TABLES (ARTICLE 310). INCLUDING ADJUSTMENT FACTOR AND NEUTRAL CONDUCTOR REQUIREMENTS (FEED AND BRANCH NEUTRAL CONDUCTORS MUST BE COUNTED AS CURRENT CARRYING CONDUCTORS). RUN SEPARATE NEUTRAL CONDUCTORS FOR ALL LIGHTING CIRCUITS.
- ALL LIGHT FIXTURES SHALL BE PROVIDED WITH QUICK-CONNECT DISCONNECTING MEANS AND A 6" (MAXIMUM) FIXTURE WHIP FOR FUTURE MAINTENANCE PURPOSES.
- WIRING SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC) AND APPLICABLE LOCAL CODES, INCLUDING PROVISION OF EQUIPMENT GROUNDING AS REQUIRED BY THE NEC.
- IN HIGH AMBIENT SPACES, MECHANICAL ROOMS, UTILITY ROOMS, AND EXTERIOR EXPOSED CONDUIT, 90 DEGREE C, XHHW-2 CONDUCTORS SHALL BE UTILIZED.
- ALL DUPLEX RECEPTACLES SHALL BE HEAVY DUTY SPECIFICATION GRADE, 20 AMP RATED.
- CIRCUITING INDICATES GROUPING ONLY. CONFIRM ALL EXISTING WIRING AND CIRCUITING.

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MLSP RESIDENCE AND GARAGE NEW WORK PLANS - ELECTRICAL

Revisions:

No.	Date:	Description:

Graphic Scale	0' 1' 2' 4' 6'
DFD Number	24B2B
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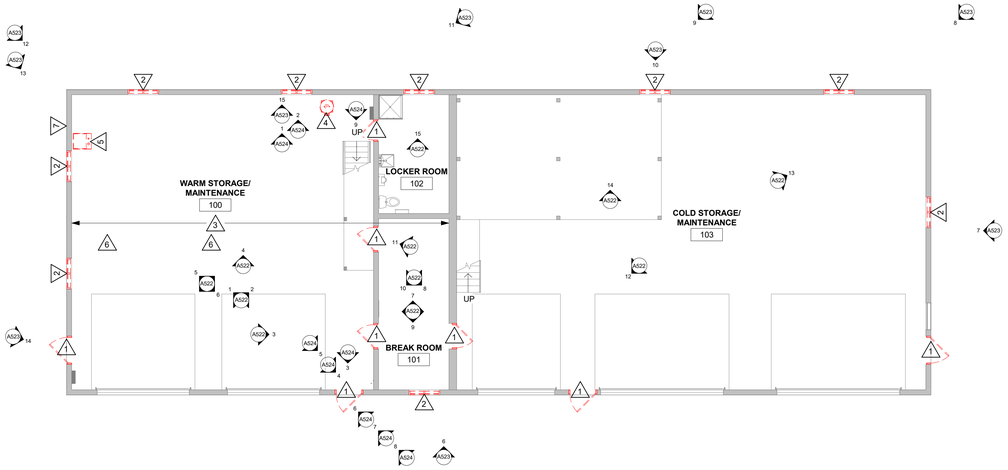
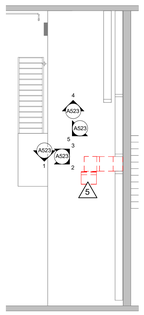


1 DEMOLITION PLAN

1/8" = 1'-0"

0' 2' 4' 8' 12'



2 MEZZANINE DEMOLITION PLAN

1/8" = 1'-0"

0' 2' 4' 8' 12'

DEMOLITION GENERAL NOTES - MLSP SHOP BLDG:

A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.

B. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.

C. MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING.

D. ROOM NUMBERS ARE SHOWN ON THIS PLAN FOR INFORMATIONAL AND COORDINATION PURPOSES ONLY.

E. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.

F. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

DEMOLITION PLAN LEGEND - MLSP SHOP BLDG:

SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMOVE ITEMS NOTED WITH DASHED LINES

DEMOLITION KEY NOTES - MLSP SHOP BLDG

1	GENERAL CONTRACTOR TO REMOVE EXISTING HOLLOW METAL DOOR AND FRAME AND STORE ON SITE. ASBESTOS ABATEMENT CONTRACTOR TO COLLECT DOOR SLABS FOR PROPER DISPOSAL.
2	ASBESTOS ABATEMENT CONTRACTOR TO REMOVE WINDOW FRAME CAULK. GENERAL CONTRACTOR TO REMOVE EXISTING ALUMINUM SLIDER WINDOWS.
3	REMOVE EXISTING 8" ROOF INSULATION AND FOIL BACKING.
4	EXISTING WATER HEATER TO BE REMOVED BY PLUMBING.
5	EXISTING FURNACE TO BE REMOVED BY MECHANICAL.
6	EXISTING CEILING FAN TO BE REMOVED BY ELECTRICAL.
7	SIDE WALL PIPE PENETRATIONS TO BE REMOVED BY MECHANICAL. GENERAL CONTRACTOR TO REMOVE EXISTING SHEET METAL PANEL FACE. PREP FOR INSTALL OF NEW METAL PANEL FACE. SEE 12 & 13A523 SITE PHOTOS.

ASBESTOS ABATEMENT NOTE - MLSP SHOP BLDG:

THE STATE, UNDER A SEPARATE ABATEMENT CONTRACT, WILL REMOVE ASBESTOS WINDOW FRAME CAULK THAT WILL BE DISTURBED BY THE CONTRACTOR'S WORK. THE STATE WILL ALSO COLLECT DOOR SLABS WITH ASBESTOS WINDOW GLAZING AND LABELED FIRE DOORS FOR PROPER DISPOSAL. CONTRACTOR TO STORE DOORS ON SITE UNTIL PICKUP BY ACC. CONTRACTOR SHALL ALLOW AMPLE TIME IN THE WORK SCHEDULE FOR ASBESTOS ABATEMENT AND WILL COORDINATE THE SCHEDULE WITH THE ASBESTOS ABATEMENT CONTRACTOR (AAC). AAC WILL REQUIRE SOLE OCCUPANCY OF THE WORKSPACE DURING ASBESTOS ABATEMENT WORK.

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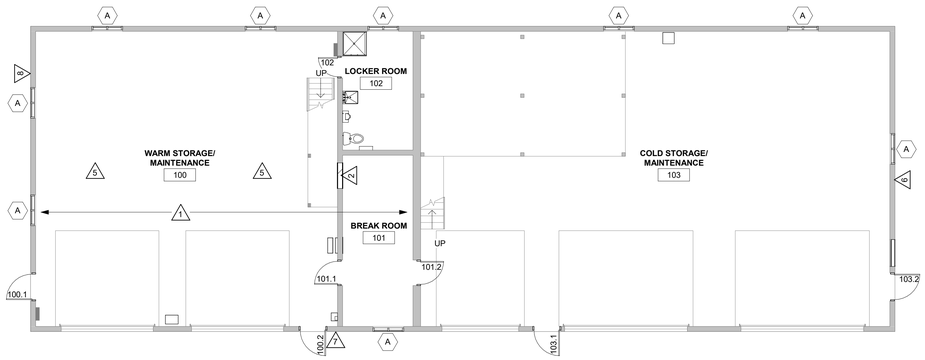


3 REMODEL PLAN

1/8" = 1'-0"

0' 2' 4' 8' 12'

DOOR SCHEDULE - MLSP SHOP BLDG

MARK	DOOR SIZE W	H	T	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	DOOR GLASS TYPE	DOOR U-CUT OR LOUVER	FRAME TYPE	FRAME DEPTH	FRAME MATERIAL	FRAME FINISH	FRAME GLASS TYPE	DETAILS HEAD	JAMB	SILL	FIRE LABEL	HDWR GROUP	SIGNAGE	REMARKS
100.1	3' - 4"	6' - 8"	1 3/4"	DOOR G	IHM	PAINT	GLT-12		FRAME AA	5 3/4"	IHM	PAINT	- - -	4A521	5A521	- - -	- - -	7	- - -	1
100.2	3' - 4"	6' - 8"	1 3/4"	DOOR G	IHM	PAINT	GLT-12		FRAME AA	5 3/4"	IHM	PAINT	- - -	4A521	5A521	- - -	- - -	7	- - -	1
101.1	3' - 0"	6' - 8"	1 3/4"	DOOR G	HM	PAINT	GLT-1		FRAME AA	5 3/4"	HM	PAINT	- - -	6A521	7A521	- - -	- - -	9	- - -	
101.2	3' - 0"	6' - 8"	1 3/4"	DOOR G	HM	PAINT	GLT-1		FRAME AA	5 3/4"	HM	PAINT	- - -	6A521	7A521	- - -	- - -	9	- - -	
102	2' - 6"	6' - 8"	1 3/4"	DOOR G	HM	PAINT	GLT-1	18" x 12"	FRAME AA	5 3/4"	HM	PAINT	- - -	6A521	7A521	- - -	- - -	8	- - -	
103.1	3' - 4"	6' - 8"	1 3/4"	DOOR G	HM	PAINT	GLT-8		FRAME AA	5 3/4"	HM	PAINT	- - -	4A521	5A521	- - -	- - -	7	- - -	1
103.2	3' - 4"	6' - 8"	1 3/4"	DOOR A	HM	PAINT	- - -		FRAME AA	5 3/4"	HM	PAINT	- - -	4A521	5A521	- - -	- - -	7	- - -	1

DOOR SCHEDULE GENERAL NOTES

HM = HOLLOW METAL IHM = INSULATED HOLLOW METAL

A. SEE SPECIFICATIONS FOR DOOR HARDWARE GROUPS.

B. ALL HM AND IHM DOORS TO BE PAINTED.

DOOR FRAME GENERAL NOTES

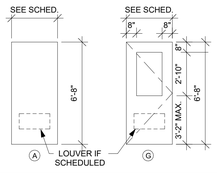
HM = HOLLOW METAL IHM = INSULATED HOLLOW METAL

A. ALL HM AND IHM FRAMES SHALL BE PAINTED.

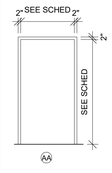
DOOR SCHEDULE REMARKS

1. DOOR TO HAVE MECHANICAL PUNCH BUTTON KEYLESS LOCKS.

DOOR TYPES



DOOR FRAME TYPES



REMODEL GENERAL NOTES - MLSP SHOP BLDG:

A. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

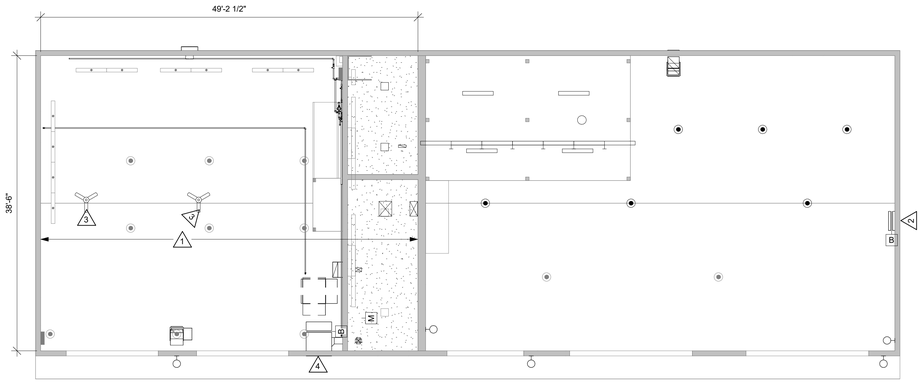
REMODEL LEGEND - MLSP SHOP BLDG:

A SYMBOL INDICATES WINDOW TYPE. SEE SHEET A520 FOR WINDOW FRAME ELEVATIONS.

SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMODEL KEY NOTES - MLSP SHOP BLDG

1	PROVIDE NEW 8" ROOF INSULATION WITH FOIL BACKING BETWEEN EXISTING ROOF PURLINS.
2	INFILL EXISTING OPENING WITH 8" CMU - PAINT CMU TO MATCH EXISTING, ADJACENT CMU.
3	NEW WATER HEATER TO BE PROVIDED BY PLUMBING.
4	NEW FURNACE TO BE PROVIDED BY MECHANICAL.
5	NEW CEILING FAN ABOVE TO BE INSTALLED BY MECHANICAL AND WIRED BY ELECTRICAL.
6	CUT NEW OPENING THROUGH EXISTING METAL PANEL UP HIGH IN GABLE END. CONFIRM OPENING SIZE WITH MECHANICAL. SEE DETAIL 11A521.
7	ENLARGE EXISTING LOUVER OPENING FOR NEW LOUVER UP HIGH ON WALL ABOVE DOOR. CONFIRM OPENING SIZE WITH MECHANICAL. SEE DETAIL 11A521.
8	INSTALL NEW SHEET METAL PANEL FACE AND SEAL WATER TIGHT. SIZE OF PANEL APPROXIMATELY 24"x30" - FIELD VERIFY. SEE 12 &13A523 SITE PHOTOS.



6 REFLECTED CEILING PLAN

1/8" = 1'-0"

0' 2' 4' 8' 12'

RCP GENERAL NOTES - MLSP SHOP BLDG:

A. SEE ELECTRICAL FOR LIGHTING TYPES.

B. ALL REMAINING ANNULAR SPACE AROUND ITEMS PENETRATING WALLS SHALL BE NEATLY SEALED.

C. WHERE NO CEILING/EXPOSED STRUCTURE UNLESS NOTED OTHERWISE, CONTRACTOR SHALL KEEP ALL MEP ABOVE OR EVEN WITH THE LEVEL OF THE LIGHTS. MEP SHALL RUN IN NEAT ORDERLY APPEARANCE GENERALLY PARALLEL OR PERPENDICULAR TO FINISHED STRUCTURE.

RCP LEGEND - MLSP SHOP BLDG:

LIGHT FIXTURE - SEE ELECTRICAL

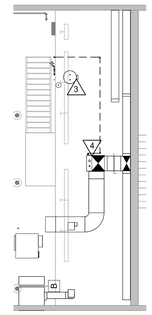
LIGHT FIXTURE - SEE ELECTRICAL

LIGHT FIXTURE - SEE ELECTRICAL

DESTRAT FAN - SEE MECHANICAL

RCP KEY NOTES - MLSP SHOP BLDG

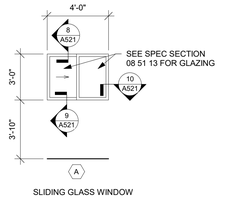
1	PROVIDE NEW 8" ROOF INSULATION WITH FOIL BACKING BETWEEN EXISTING ROOF PURLINS.
2	CUT NEW OPENING THROUGH EXISTING METAL PANEL UP HIGH IN GABLE END. CONFIRM OPENING SIZE WITH MECHANICAL. SEE DETAIL 11A521.
3	NEW CEILING FAN TO BE INSTALLED BY MECHANICAL AND WIRED BY ELECTRICAL.
4	ENLARGE EXISTING LOUVER OPENING FOR NEW LOUVER UP HIGH ON WALL ABOVE DOOR. CONFIRM OPENING SIZE WITH MECHANICAL. SEE DETAIL 11A521.



4 MEZZANINE REMODEL PLAN

1/8" = 1'-0"

0' 2' 4' 8' 12'



SLIDING GLASS WINDOW

5 ALUMINUM WINDOW ELEVATION

1/4" = 1'-0"

0' 1' 2' 4' 6'

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DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MLSP SHOP BUILDING PLANS AND DOOR SCHEDULE

Revisions:

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DFD Number	24B2B
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Date Issued	10/07/2025
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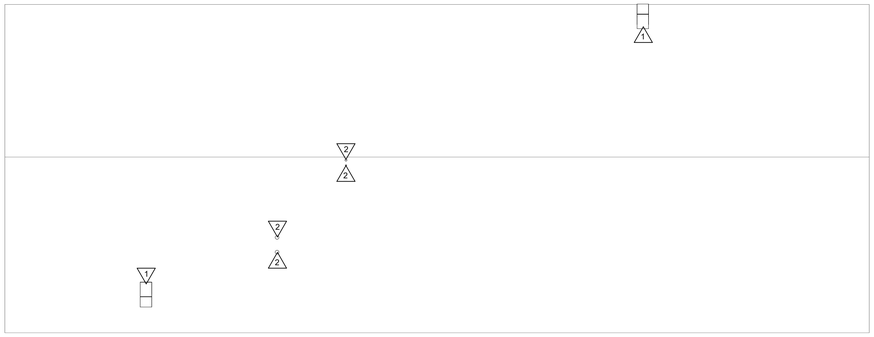
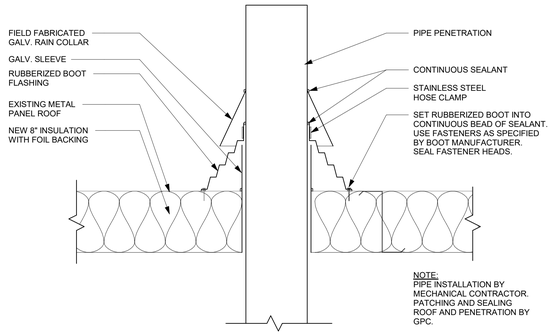


1 ROOF PLAN

1/8" = 1'-0"

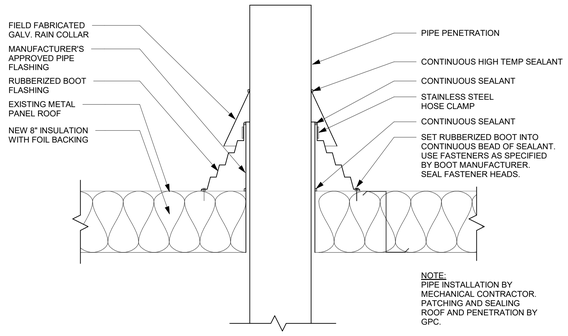
0' 2' 4' 8' 12'



2 ROOF VENT STACK DETAIL

1 1/2" = 1'-0"

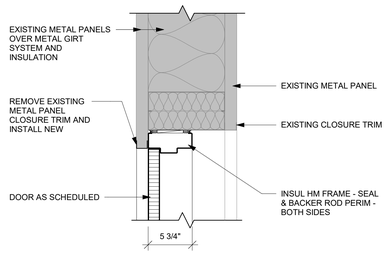
0' 2" 4" 8" 1'



3 ROOF HOT STACK DETAIL

1 1/2" = 1'-0"

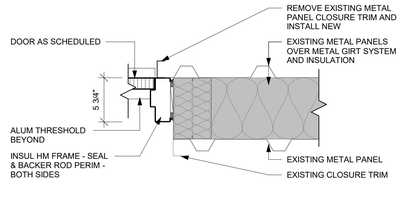
0' 2" 4" 8" 1'



4 DOOR HEAD DETAIL

1 1/2" = 1'-0"

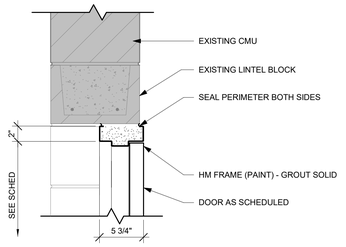
0' 2" 4" 8" 1'



5 DOOR JAMB DETAIL

1 1/2" = 1'-0"

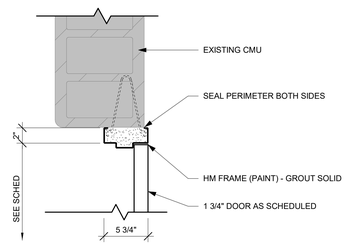
0' 2" 4" 8" 1'



6 DOOR HEAD DETAIL

1 1/2" = 1'-0"

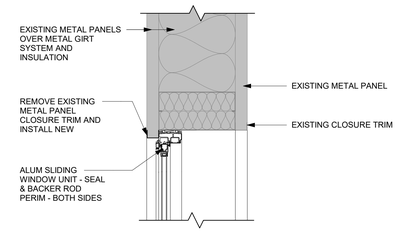
0' 2" 4" 8" 1'



7 DOOR JAMB DETAIL

1 1/2" = 1'-0"

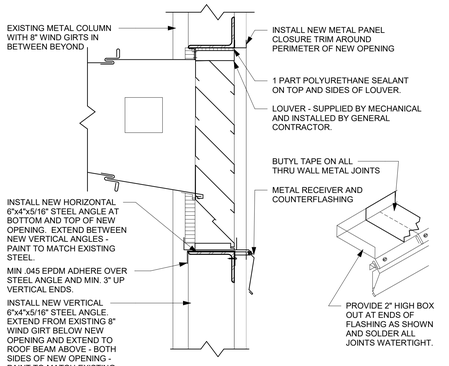
0' 2" 4" 8" 1'



8 WINDOW HEAD DETAIL

1 1/2" = 1'-0"

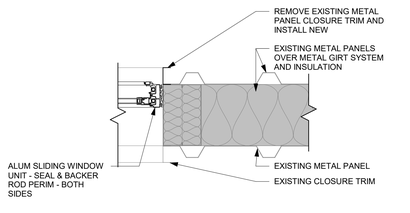
0' 2" 4" 8" 1'



11 LOUVER DETAIL

1 1/2" = 1'-0"

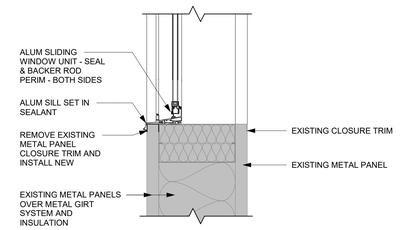
0' 2" 4" 8" 1'



10 WINDOW JAMB DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'



9 WINDOW SILL DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

ROOF GENERAL NOTES - MLSP SHOP BUILDING:

A. VERIFY ROOF EQUIPMENT AND PENETRATIONS WITH ALL TRADES. EQUIPMENT SHOWN IS GRAPHIC ONLY.

B. ROOF PENETRATIONS FOR DRAINS, VENTS, ETC. SHALL BE COMPLETED AS PER CURRENT SMACNA REQUIREMENTS AND THE ROOF MANUFACTURERS APPROVED DETAILS FOR WARRANTY SATISFACTION. COORDINATE QUANTITY AND LOCATIONS WITH MEP CONTRACTOR. PROVIDE CURBS WHERE REQUIRED.

C. ALL METAL ROOF AND FLASHING, SHALL MEET CURRENT SMACNA REQUIREMENTS AND MANUFACTURER'S SPECIFIED WARRANTY.

ROOF SYSTEM DESCRIPTIONS - MLSP SHOP BUILDING:

A EXISTING METAL PANEL ROOF OVER EXISTING METAL PURLIN ROOF FRAMING SYSTEM.

ROOF KEY NOTES - MLSP SHOP BUILDING

1	EXISTING ROOF PENETRATION AND ROOF CURB TO BE RE-USED - SEE MECHANICAL. FLASH AND SEAL WATER TIGHT.
2	NEW PIPE PENTRATION - SEE MECHANICAL. FLASH AND SEAL WATER TIGHT. SEE DETAILS 2 & 3A521.

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
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STATEWIDE, WISCONSIN

Sheet Title:
MLSP SHOP ROOF PLAN AND DETAILS

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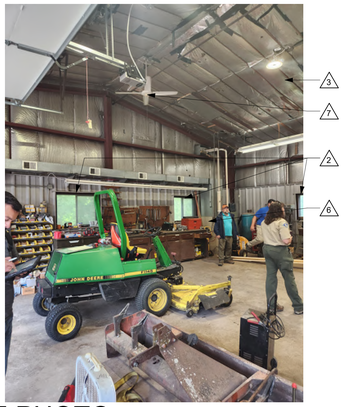
Date Issued	10/07/2025
Sheet Number	A521



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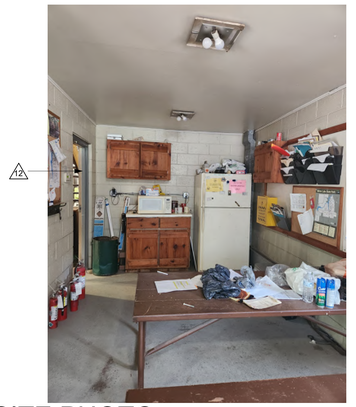

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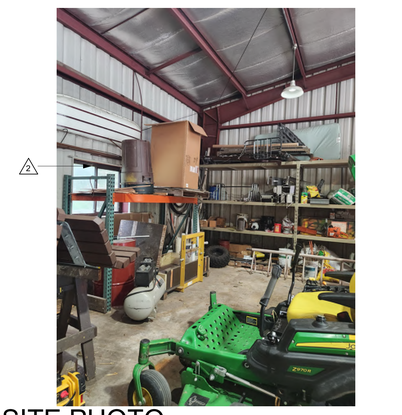

13 SITE PHOTO

14 SITE PHOTO

15 SITE PHOTO

SITE PHOTO KEY NOTES - MLSP SHOP BLDG

1	REMOVE EXISTING HOLLOW METAL DOOR AND FRAME. PROVIDE NEW INSULATED HOLLOW METAL DOOR AND FRAME.
2	REMOVE EXISTING ALUMINUM SLIDER WINDOW. PROVIDE NEW ALUMINUM SLIDER WINDOW. APPLY SEALANT AROUND PERIMETER.
3	REMOVE EXISTING 8" ROOF INSUL. AND FOIL BACKING. PROVIDE NEW 8" INSUL. W/FOIL BACKING IN KIND.
4	EXISTING WATER HEATER TO BE REMOVED BY PLUMBING. NEW WATER HEATER TO BE PROVDED ON EQUIPMENT PLATFORM BY PLUMBING.
5	EXISTING FURNACE TO BE REMOVED BY MECHANICAL. NEW FURNACE TO BE PROVIDED BY MECHANICAL.
6	EXISTING FURNACE TO BE REMOVED BY MECHANICAL.
7	EXISTING CELING FAN TO BE REMOVED BY MECHANICAL. NEW CELING FANS TO BE INSTALLED BY MECHANICAL AND WIRED BY ELECTRICAL.
8	REMOVE EXISTING HOLLOW METAL DOOR AND FRAME. PROVIDE NEW HOLLOW METAL DOOR FRAME.
9	SIDE WALL PIPE PENETRATIONS TO BE REMOVED BY MECHANICAL. GENERAL CONTRACTOR REMOVE EXISTING SHEET METAL PANEL FACE AND INSTALL NEW SHEET METAL PANEL FACE AND SEAL WATER TIGHT. SIZE OF PANEL APPROXIMATELY 24"x30" - FIELD VERIFY.
10	MODIFY EXISTING LOUVER OPENING FOR NEW, LARGER LOUVER - CONFIRM SIZE WITH MECHANICAL. MODIFY EXISTING INSULATION AND FOIL BACKING FOR NEW MODIFIED OPENING AND NEW STEEL FRAMING. SEAL AND PATCH EXISTING INSULATION. SEE DETAIL 11A521.
11	CUT EXISTING METAL PANEL FOR NEW LOUVER OPENING. SEE DETAIL 11A521.
12	REMOVE EXISTING HOLLOW METAL DOOR AND FRAME. INFILL EXISTING OPENING WITH 8" CMU - PAINT CMU TO MATCH EXISTING, ADJACENT CMU.

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Sheet Title:
MLSP SHOP BUILDING SITE PHOTOS

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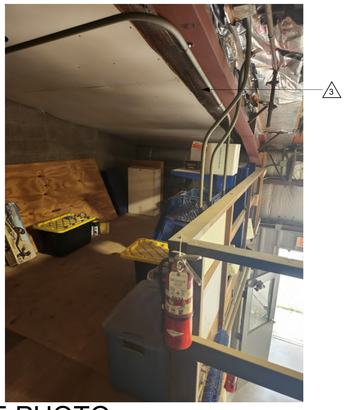
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A522

SITE PHOTO KEY NOTES - MLSP SHOP BLDG

1	REMOVE EXISTING HOLLOW METAL DOOR AND FRAME. PROVIDE NEW INSULATED HOLLOW METAL DOOR AND FRAME.
2	REMOVE EXISTING ALUMINUM SLIDER WINDOW. PROVIDE NEW ALUMINUM SLIDER WINDOW. APPLY SEALANT AROUND PERIMETER.
3	REMOVE EXISTING 8" ROOF INSUL. AND FOIL BACKING. PROVIDE NEW 8" INSUL. W/FOIL BACKING IN KIND.
4	EXISTING WATER HEATER TO BE REMOVED BY PLUMBING. NEW WATER HEATER TO BE PROVDED ON EQUIPMENT PLATFORM BY PLUMBING.
5	EXISTING FURNACE TO BE REMOVED BY MECHANICAL. NEW FURNACE TO BE PROVIDED BY MECHANICAL.
6	EXISTING FURNACE TO BE REMOVED BY MECHANICAL.
7	EXISTING CELING FAN TO BE REMOVED BY MECHANICAL. NEW CELING FANS TO BE INSTALLED BY MECHANICAL AND WIRED BY ELECTRICAL.
8	REMOVE EXISTING HOLLOW METAL DOOR AND FRAME. PROVIDE NEW HOLLOW METAL DOOR FRAME.
9	SIDE WALL PIPE PENETRATIONS TO BE REMOVED BY MECHANICAL. GENERAL CONTRACTOR REMOVE EXISTING SHEET METAL PANEL FACE AND INSTALL NEW SHEET METAL PANEL FACE AND SEAL WATER TIGHT. SIZE OF PANEL APPROXIMATELY 24"x30" - FIELD VERIFY.
10	MODIFY EXISTING LOUVER OPENING FOR NEW, LARGER LOUVER - CONFIRM SIZE WITH MECHANICAL. MODIFY EXISTING INSULATION AND FOIL BACKING FOR NEW MODIFIED OPENING AND NEW STEEL FRAMING. SEAL AND PATCH EXISTING INSULATION. SEE DETAIL 11A521.
11	CUT EXISTING METAL PANEL FOR NEW LOUVER OPENING. SEE DETAIL 11A521.
12	REMOVE EXISTING HOLLOW METAL DOOR AND FRAME. INFILL EXISTING OPENING WITH 8" CMU - PAINT CMU TO MATCH EXISTING, ADJACENT CMU.



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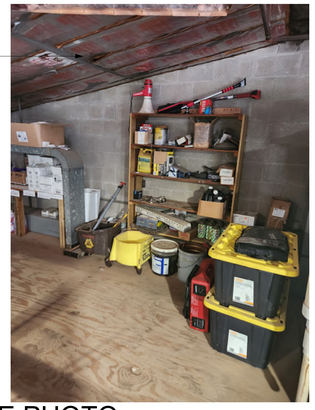

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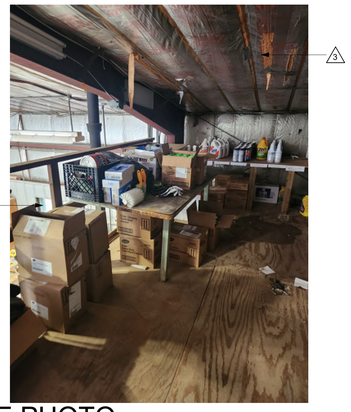

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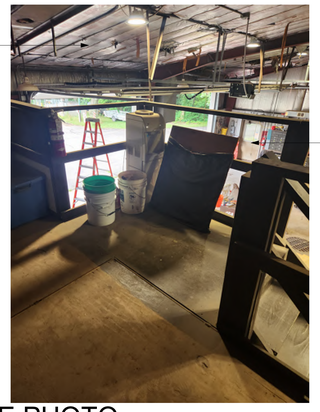

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Sheet Title:
MLSP SHOP BUILDING SITE PHOTOS

Revisions:

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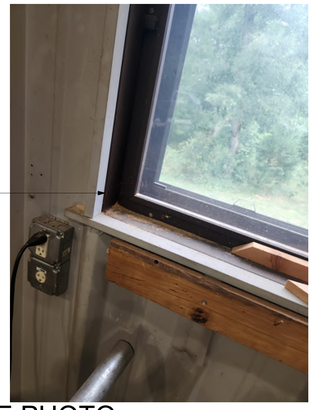

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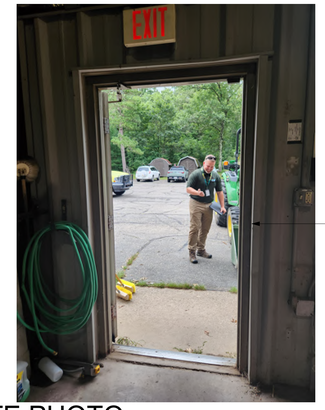

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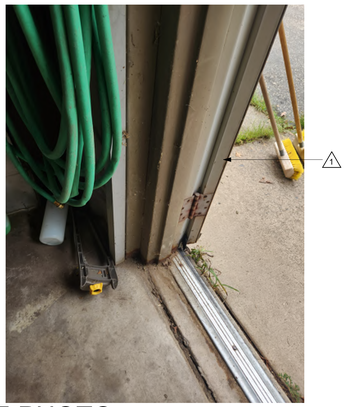

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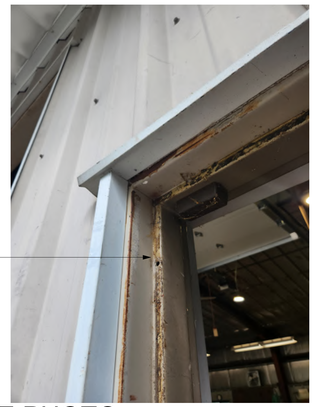
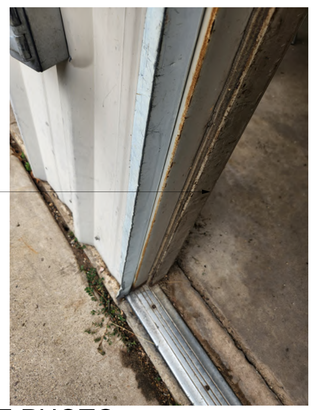
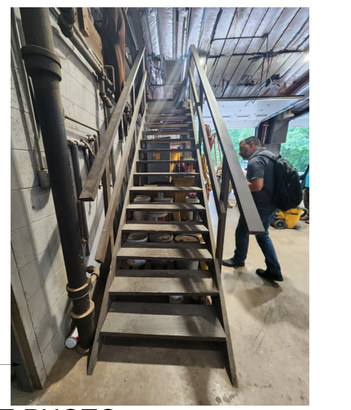


6 SITE PHOTO

7 SITE PHOTO



8 SITE PHOTO



9 SITE PHOTO

SITE PHOTO KEY NOTES - MLSP SHOP BLDG

1	REMOVE EXISTING HOLLOW METAL DOOR AND FRAME. PROVIDE NEW INSULATED HOLLOW METAL DOOR AND FRAME.
2	REMOVE EXISTING ALUMINUM SLIDER WINDOW. PROVIDE NEW ALUMINUM SLIDER WINDOW. APPLY SEALANT AROUND PERIMETER.
3	REMOVE EXISTING 8" ROOF INSUL. AND FOIL BACKING. PROVIDE NEW 8" INSUL. W/FOIL BACKING IN KIND.
4	EXISTING WATER HEATER TO BE REMOVED BY PLUMBING. NEW WATER HEATER TO BE PROVDED ON EQUIPMENT PLATFORM BY PLUMBING.
5	EXISTING FURNACE TO BE REMOVED BY MECHANICAL. NEW FURNACE TO BE PROVIDED BY MECHANICAL.
6	EXISTING FURNACE TO BE REMOVED BY MECHANICAL.
7	EXISTING CELING FAN TO BE REMOVED BY MECHANICAL. NEW CELING FANS TO BE INSTALLED BY MECHANICAL AND WIRED BY ELECTRICAL.
8	REMOVE EXISTING HOLLOW METAL DOOR AND FRAME. PROVIDE NEW HOLLOW METAL DOOR FRAME.
9	SIDE WALL PIPE PENETRATIONS TO BE REMOVED BY MECHANICAL. GENERAL CONTRACTOR REMOVE EXISTING SHEET METAL PANEL FACE AND INSTALL NEW SHEET METAL PANEL FACE AND SEAL WATER TIGHT. SIZE OF PANEL APPROXIMATELY 24"x30" - FIELD VERIFY.
10	MODIFY EXISTING LOUVER OPENING FOR NEW, LARGER LOUVER - CONFIRM SIZE WITH MECHANICAL. MODIFY EXISTING INSULATION AND FOIL BACKING FOR NEW MODIFIED OPENING AND NEW STEEL FRAMING. SEAL AND PATCH EXISTING INSULATION. SEE DETAIL 11A521.
11	CUT EXISTING METAL PANEL FOR NEW LOUVER OPENING. SEE DETAIL 11A521.
12	REMOVE EXISTING HOLLOW METAL DOOR AND FRAME. INFILL EXISTING OPENING WITH 8" CMU - PAINT CMU TO MATCH EXISTING, ADJACENT CMU.

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MLSP SHOP BUILDING SITE PHOTOS

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A524

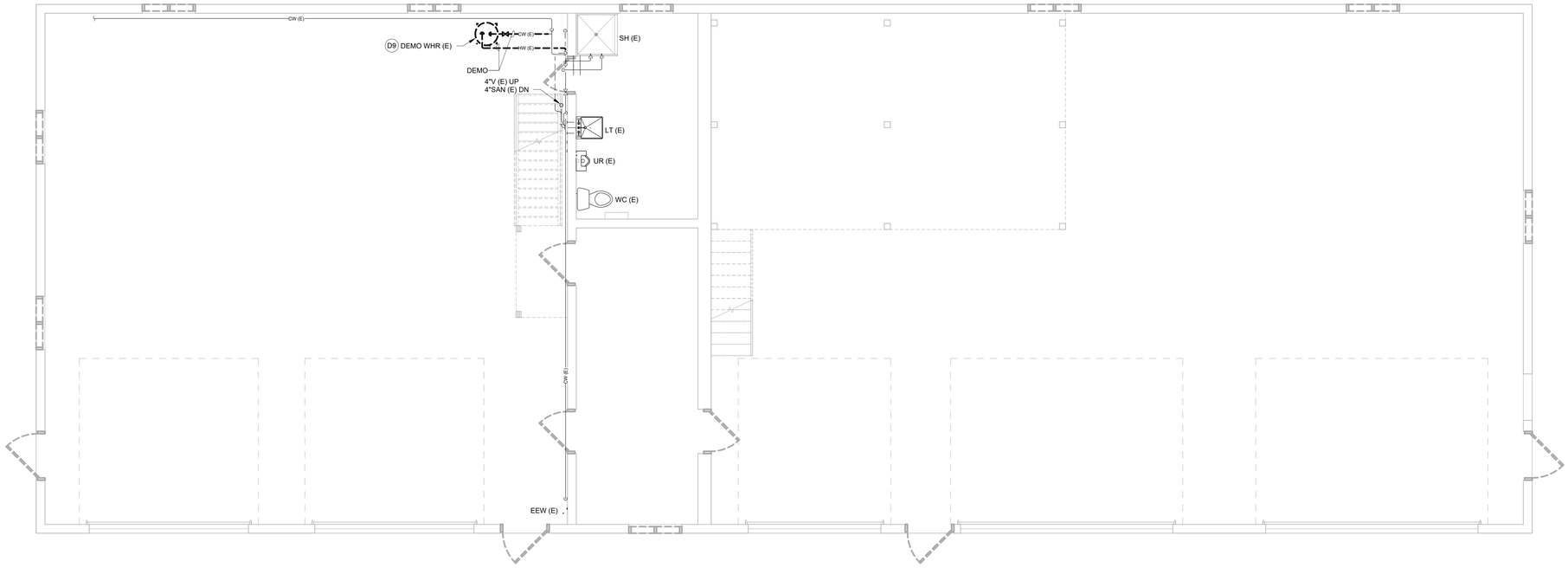
GENERAL NOTES:

1. PC SHALL VISIT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO CONSTRUCTION. PC SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK.
2. PC SHALL MAINTAIN AND PROTECT ALL EXISTING PIPING AND FIXTURES THAT ARE TO REMAIN DURING CONSTRUCTION.
3. IF A DEAD END IS CREATED IN THE REMOVAL OF ANY PART OF A DRAIN SYSTEM, ALL OPENINGS IN THE DRAIN SHALL BE PROPERLY SEALED.
4. THE PLUMBING CONTRACTOR SHALL FIELD VERIFY NO DEAD ENDS IN WATER DISTRIBUTION SYSTEM EXCEEDING A DEVELOPED LENGTH NO MORE THAN TWO FEET (2') SHALL REMAIN.

DEMOLITION KEYED NOTES

(KEYED NOTES PER PROJECT)

D9 DEMOLISH EXISTING WATER HEATER COMPLETE.



1 P520 SHOP DEMOLITION PLAN - PLUMBING
SCALE: 1/4" = 1'-0"

EXISTING CONDITIONS ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR THE EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

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JDR PROJECT NO: 24.0178

State of Wisconsin
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SAUK, COLUMBIA, & JUNEAU COUNTIES

CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
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Sheet Title:
MLSP SHOP BUILDING DEMOLITION PLANS - PLUMBING

Revisions:

No.	Date:	Description:

Graphic Scale	SEE PLANS
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	P520

GENERAL NOTES:

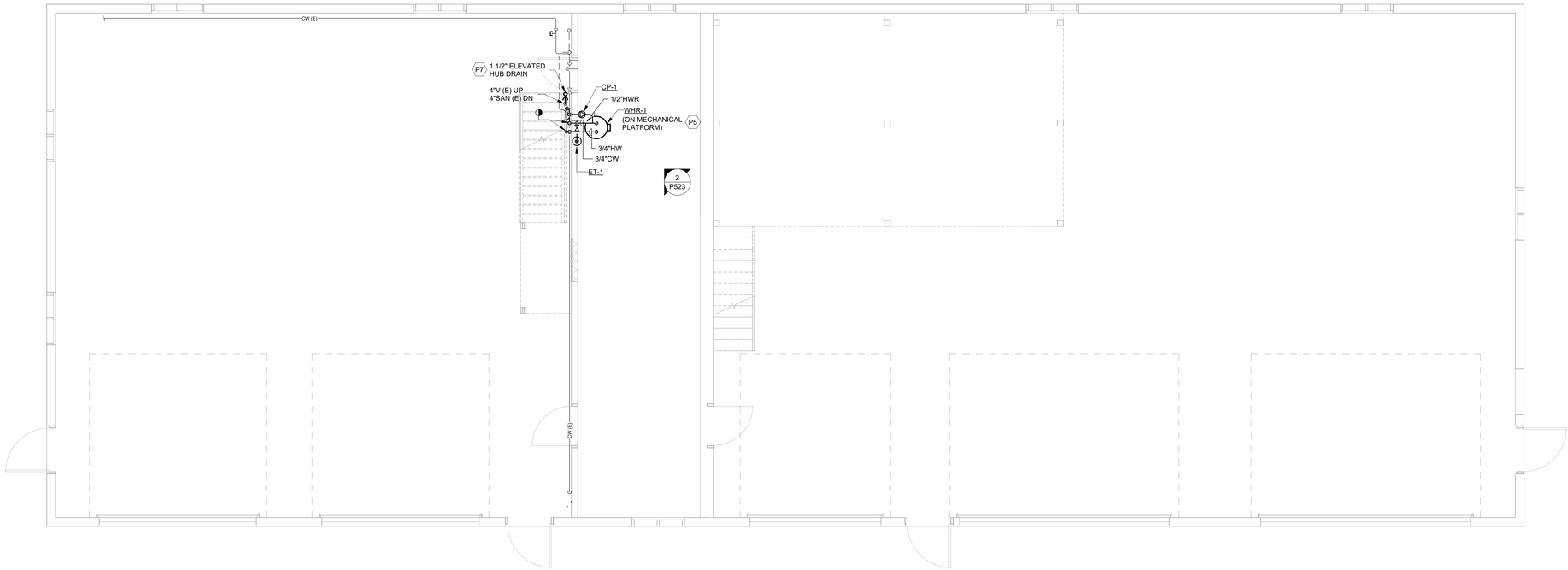
1. PC SHALL VISIT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO CONSTRUCTION. PC SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE A/E PRIOR TO COMMENCING WORK.
2. PC SHALL MAINTAIN AND PROTECT ALL EXISTING PIPING AND FIXTURES THAT ARE TO REMAIN DURING CONSTRUCTION.
3. IF A DEAD END IS CREATED IN THE REMOVAL OF ANY PART OF A DRAIN SYSTEM, ALL OPENINGS IN THE DRAIN SHALL BE PROPERLY SEALED.
4. THE PLUMBING CONTRACTOR SHALL FIELD VERIFY NO DEAD ENDS IN WATER DISTRIBUTION SYSTEM EXCEEDING A DEVELOPED LENGTH NO MORE THAN TWO FEET (2') SHALL REMAIN.

KEYED NOTES

(KEYED NOTES PER PROJECT)

P5 ROUTE WATER HEATER RELIEF DRAIN DOWN TO SHOP FLOOR.

P7 PROVIDE 1 1/2" ELEVATED HUB DRAIN FOR HVAC EQUIPMENT LOCATED ON MECHANICAL PLATFORM. CONNECT 1 1/2" HUB DRAIN TO EXISTING 4" SANITARY STACK. INSTALL PIPE INCREASER ON PIPE SIZE LARGER MINIMUM.



1 P521 SHOP MECHANICAL PLATFORM PLAN - PLUMBING

SCALE: 1/4" = 1'-0"

EXISTING CONDITIONS ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR THE EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

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STATEWIDE, WISCONSIN

Sheet Title:
MLSP SHOP BUILDING NEW WORK PLANS - PLUMBING

Revisions:

No.	Date:	Description:

Graphic Scale	SEE PLANS
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	P521

ELECTRIC WATER HEATERS SCHEDULE

ID	MANUFACTURER MODEL #	ELECTRICAL				RECOVERY		TANK CAP GAL	DETAIL / SHEET	DESCRIPTION / REMARKS
		AMPS	VOLTS	WATTS	PHASE	GPH	RISE °F			
WHR-1	BRADFORD WHITE RE25S16	18.75	240	4500	1	23	80	50	1/P523	GLASS LINED TANK, ZINC PLATED ELEMENTS, ADJUSTABLE TEMPERATURE CONTROLS, TWO 4500 WATT ELEMENT.

* ALL SCHEDULED ITEMS ARE BASIS OF DESIGN, REFER TO SPECIFICATIONS FOR APPROVED ALTERNATES.

CIRCULATION PUMP SCHEDULE

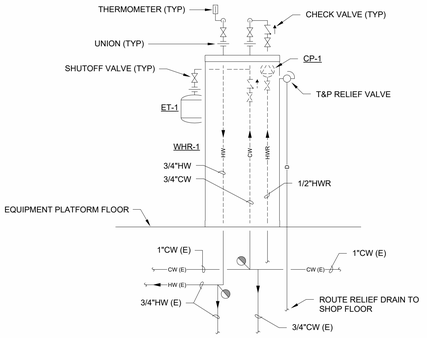
ID	MANUFACTURER MODEL #	ELECTRICAL				RPM	DISCHARGE		DETAIL / SHEET	DESCRIPTION / REMARKS
		HP	AMPS	VOLTS	PHASE		GPM	HD FT		
CP-1	B&G NBF-9U	FRACT	0.4	120	1	2800	1	2.5	1/P523	INLINE PUMP, SINGLE SPEED, LUBRICATED, BRONZE LEAD-FREE BODY, CERAMIC SHAFT, CARBON BEARING, NORYL IMPELLER, STAINLESS STEEL COMPONENTS, INCLUDE TIMER KIT TC-1.

* ALL SCHEDULED ITEMS ARE BASIS OF DESIGN, REFER TO SPECIFICATIONS FOR APPROVED ALTERNATES.

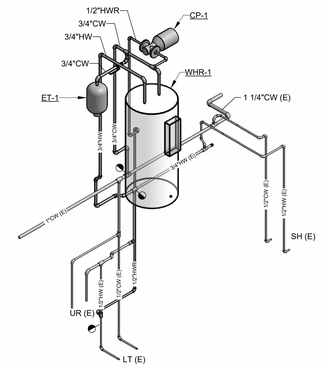
EXPANSION TANK SCHEDULE

ID	MANUFACTURER MODEL #	SIZE		VOLUME GALLON	SYSTEM	PRESSURE RATING PSI	DETAIL / SHEET	DESCRIPTION / REMARKS
		DIA	HEIGHT					
ET-1	AMTROL ST-5C-DD	8"	14"	2	DOMESTIC	150	1/P523	STEEL THERMAL EXPANSION TANK, ASME, NSF/ANSI 61 BUTYL DIAPHRAGM, PRECHARGED, STAINLESS STEEL CONNECTION.

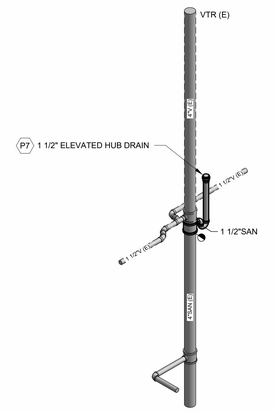
* ALL SCHEDULED ITEMS ARE BASIS OF DESIGN, REFER TO SPECIFICATIONS FOR APPROVED ALTERNATES.



1/P523 WATER HEATER (WHR-1) DETAIL
SCALE: NONE



2/P523 PARTIAL DOMESTIC WATER ISOMETRIC
SCALE: NONE



3/P523 PARTIAL DOMESTIC WATER ISOMETRIC
SCALE: NONE

KEYED NOTES

(KEYED NOTES PER PROJECT)

P7 PROVIDE 1 1/2" ELEVATED HUB DRAIN FOR HVAC EQUIPMENT LOCATED ON MECHANICAL PLATFORM. CONNECT 1 1/2" HUB DRAIN TO EXISTING 4" SANITARY STACK. INSTALL PIPE INCREASER ON PIPE SIZE LARGER MINIMUM.

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Sheet Title:
MLSP SHOP BUILDING SCHEDULE AND DETAILS - PLUMBING

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No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
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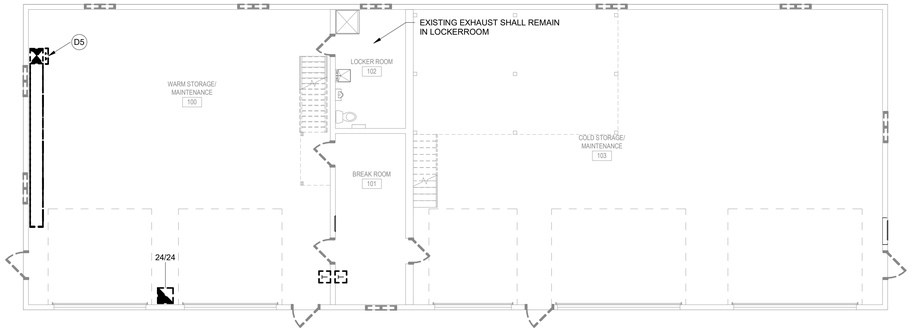
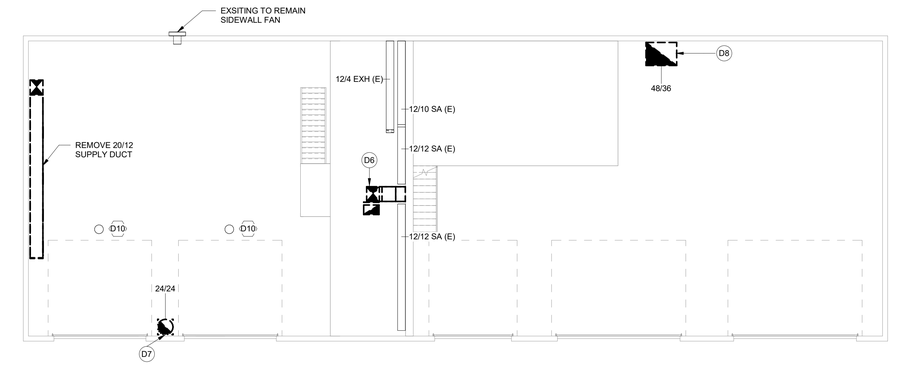
Date Issued	10/07/2025
Sheet Number	P523



1 M520 SHOP DEMOLITION PLAN – HVAC



2 M520 SHOP DEMOLITION EQUIPMENT PLATFORM PLAN – HVAC

GENERAL NOTES:

1. ALL WORK TO BE DONE IN COMPLIANCE WITH ALL STATE AND LOCAL CODES AND ALL MANUFACTURER'S INSTRUCTIONS.
2. ALL DUCT INSTALLATION SHALL CONFORM TO ASHRAE AND SMACNA STANDARDS IN REGARDS TO BUT NOT LIMITED TO DUCT GAUGES, TURNING RADIUS, TURNING VANES, ETC. WHETHER OR NOT SHOWN ON DRAWINGS.
3. ALL DUCTWORK AND PIPING SHALL RUN STRAIGHT AND TRUE AND SHALL BE INSTALLED IN A WORKMANLIKE MANNER.
4. ALL DUCTWORK THAT REQUIRES INSULATION SHALL CONFORM WITH ALL APPLICABLE CODES. DIMENSIONS LISTED ARE INSIDE FREE AREA.
5. HVAC CONTRACTOR OR BALANCING AGENT SHALL TEST, ADJUST, CALIBRATE AND BALANCE THE SYSTEMS AS REQUIRED BY APPLICABLE CODES AND ACCORDANCE WITH NEBB. THE BALANCE REPORT SHALL BE SUBMITTED TO THE ENGINEER, AND ONE COPY RETAINED AT THE JOBSITE.
6. ALL EQUIPMENT IS TO BE PROVIDED COMPLETE WITH OPERATION & MAINTENANCE MANUALS AND SYSTEM SCHEMATICS.
7. ALL HVAC EQUIPMENT TO MEET IRI, AGA, AND UL REQUIREMENTS.
8. ALL LOW-VOLTAGE WIRING BY HVAC CONTRACTOR PER NATIONAL ELECTRIC CODE.
9. HVAC CONTRACTOR TO FIELD VERIFY EXACT LOCATION OF DUCT & PIPE ROUTING AND EQUIPMENT LOCATIONS AND CLEARANCES ON JOB SITE.
10. GAS PIPE SIZING IS BASED UPON SCHEDULE 40 BLACK STEEL.

DEMOLITION KEYED NOTES

(KEYED NOTES PER PROJECT)

D5 REMOVE EXISTING PROPANE FURNACE, 20/24 SUPPLY DUCT RISER, PROPANE PIPING AT CONNECTION, THERMOSTAT, AND VENT AND COMBUSTION AIR THROUGH SIDE WALL PENETRATION. COORDINATE WALL PATCHING BY GENERAL CONTRACTOR.

D6 REMOVE EXISTING PROPANE FURNACE, SUPPLY DUCT FROM CONNECTION TO 24/12 ELBOW DOWN, PROPANE PIPING AT CONNECTION, THERMOSTAT, RETURN AIR, INLET, VENT, AND COMBUSTION AIR THROUGH ROOF PENETRATION. COORDINATE ROOF PATCHING BY GENERAL CONTRACTOR.

D7 REMOVE EXISTING DUCT AND VENTILATOR FROM ROOF ABOVE. MODIFY ROOF OPENING FOR NEW EXHAUST DUCT OUTLET. REFER TO SHEET M521.

D8 REMOVE EXISTING DUCT AND ROOF CURB FROM ROOF ABOVE. MODIFY ROOF OPENING FOR NEW EXHAUST DUCT OUTLET. REFER TO SHEET M521.

D10 REMOVE EXISTING DESTRATIFICATION FAN.

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Sheet Title:
MLSP SHOP DEMOLITION PLANS – HVAC

Revisions:

No.	Date:	Description:

Graphic Scale	0' 2' 4' 8' 12'
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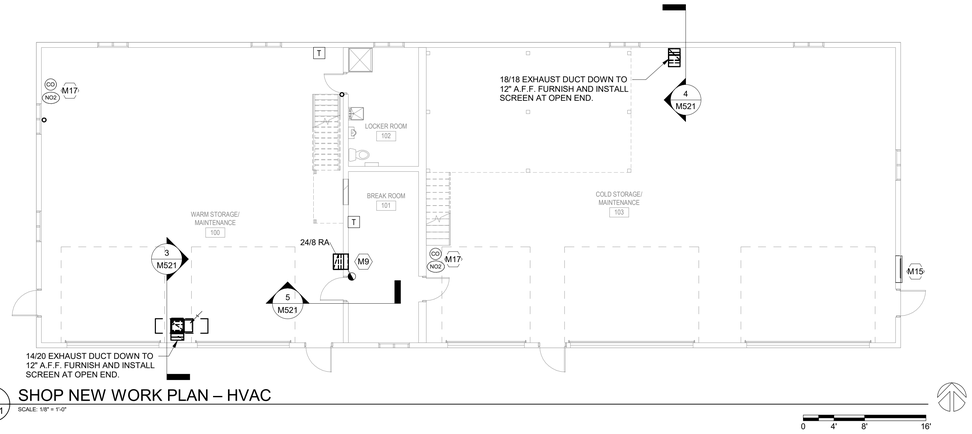
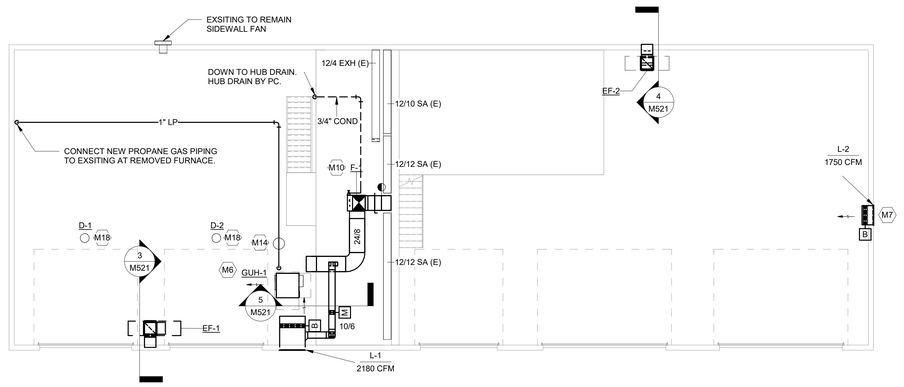
Date Issued	10/07/2025
Sheet Number	M520



1 M521 SHOP NEW WORK PLAN – HVAC

SCALE: 1/8" = 1'-0"

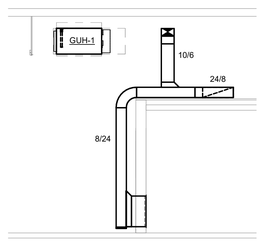
0 4' 8' 16'



2 M521 SHOP NEW WORK EQUIPMENT PLATFORM PLAN – HVAC

SCALE: 1/8" = 1'-0"

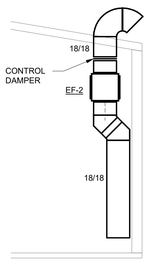
0 4' 8' 16'



5 M521 GUH NORTH

SCALE: 1/4" = 1'-0"

0 2' 4' 8'



4 M521 EF-2 WEST

SCALE: 1/4" = 1'-0"

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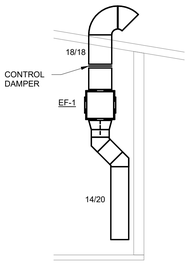

3 M521 EF-1 EAST

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

GENERAL NOTES:

1. ALL WORK TO BE DONE IN COMPLIANCE WITH ALL STATE AND LOCAL CODES AND ALL MANUFACTURER'S INSTRUCTIONS.
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4. ALL DUCTWORK THAT REQUIRES INSULATION SHALL CONFORM WITH ALL APPLICABLE CODES. DIMENSIONS LISTED ARE INSIDE FREE AREA.
5. HVAC CONTRACTOR OR BALANCING AGENT SHALL TEST, ADJUST, CALIBRATE AND BALANCE THE SYSTEMS AS REQUIRED BY APPLICABLE CODES AND ACCORDANCE WITH NEBB. THE BALANCE REPORT SHALL BE SUBMITTED TO THE ENGINEER, AND ONE COPY RETAINED AT THE JOBSITE.
6. ALL EQUIPMENT IS TO BE PROVIDED COMPLETE WITH OPERATION & MAINTENANCE MANUALS AND SYSTEM SCHEMATICS.
7. ALL HVAC EQUIPMENT TO MEET IRI, AGA, AND UL REQUIREMENTS.
8. ALL LOW-VOLTAGE WIRING BY HVAC CONTRACTOR PER NATIONAL ELECTRIC CODE.
9. HVAC CONTRACTOR TO FIELD VERIFY EXACT LOCATION OF DUCT & PIPE ROUTING AND EQUIPMENT LOCATIONS AND CLEARANCES ON JOB SITE.
10. GAS PIPE SIZING IS BASED UPON SCHEDULE 40 BLACK STEEL.

KEYED NOTES

(KEYED NOTES PER PROJECT)

M6 GAS FIRED UNIT HEATER. ROUTE NEW PROPANE PIPING FROM REMOVED FURNACE TO NEW UNIT HEATER. ROUTE NEW COMBUSTION AIR PIPING AND VENT UP THROUGH ROOF. REFER TO ROOF DETAILS ON SHEET A521. COORDINATE ROOF PENETRATION WITH GENERAL CONTRACTOR. TERMINATE PER MANUFACTURER'S INSTRUCTIONS. BOTTOM OF UNIT 11'8" AFF TO MAINTAIN GARAGE DOOR CLEARANCE. PROVIDE THERMOSTAT.

M7 FURNISH NEW 30"X30" OUTSIDE AIR LOUVER. COORDINATE INSTALLATION WITH GPC. FURNISH AND INSTALL GRAVITY OPERATED BACK DRAFT DAMPER.

M9 CONNECT NEW 24/8 RETURN AIR DUCT TO EXISTING SIDEWALL GRILLE. PROVIDE BALANCING DAMPER IN THE NEW VERTICAL DUCT.

M10 NEW GAS FURNACE F-1. ROUTE NEW 24/12 SUPPLY DUCT FROM OUTLET TO EXISTING MEZZANINE SUPPLY DUCTWORK. CONNECT INLET TO NEW RETURN DUCTWORK WITH DUCT MOUNTED FILTER HOUSING. TRANSITION FROM DUCT SIZES AT CONNECTION POINT. CONNECT NEW FURNACE TO EXISTING PROPANE GAS PIPING. ROUTE NEW 2" COMBUSTION AIR PIPE AND NEW 2" VENT FROM FURNACE THROUGH ROOF. REFER TO SHEET A521 FOR ROOF DETAILS WITH ALL WORK BY GPC AND EXISTING ROOF WARRANTY INFORMATION. TERMINATE PER MANUFACTURER'S INSTRUCTIONS. COMBUSTION AIR PIPE, COMBUSTION AIR PIPE TERMINATION, FURNACE VENT, AND FURNACE VENT TERMINATION BY MC. PROVIDE CONDENSATE NEUTRALIZATION AND PIPE TO HUB DRAIN.

M14 GAS REGULATOR, ROUTE VENT TO OUTSIDE.

M15 FURNISH AND INSTALL SHEET METAL BLANKOFF OVER EXISTING OUTSIDE AIR LOUVER.

M17 PROVIDE TIME CLOCK AND CO AND N02 SENSORS FOR EXHAUST CONTROL. REFER TO SECTION 23 09 93 FOR SEQUENCE OF OPERATIONS. INSTALL SENSORS ACCORDING TO MANUFACTURERS INSTRUCTIONS.

M18 FURNISH AND INSTALL NEW DESTRATIFICATION FANS IN SAME PLACE AS DEMOLISHED FANS.

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA, & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MLSP SHOP NEW WORK PLANS – HVAC

Revisions:

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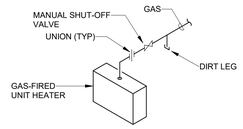
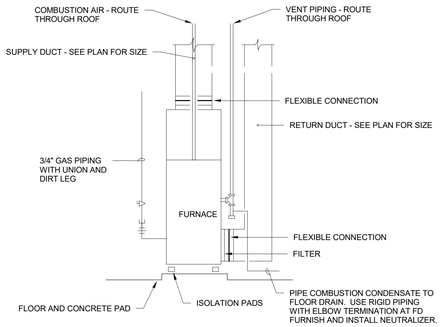
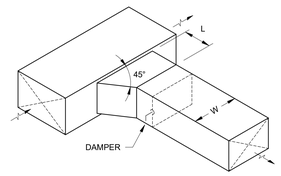


4 M522 UNIT HEATER
SCALE: 12" = 1'-0"

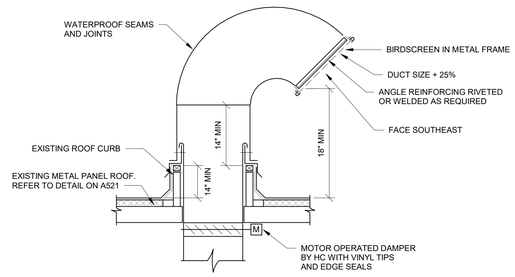


1 M522 SEALED COMBUSTION FURNACE
SCALE: NONE



NOTE: L = 1/4W (4" MINIMUM)

2 M522 BRANCH DUCT TAKEOFF DETAIL
SCALE: 12" = 1'-0"



3 M522 GOOSENECK DETAIL
SCALE: 12" = 1'-0"

FURNACE SCHEDULE

UNIT NO.		F-1		
SERVICE		SEE PLANS		
LOCATION		SEE PLANS		
MANUFACTURER		TRANE		
MODEL NO.		S9X1B		
SUPPLY FAN	SUPPLY CFM	525		
	MIN. OA CFM	180		
	RETURN CFM	345		
	SUPPLY FAN HP	1/2		
COOLING COIL	MANUFACTURER	N/A		
	MODEL NUMBER			
	TOTAL CAP. (MBH)			
	SENSIBLE CAP. (MBH)			
	EAT (°F) DB / WB			
	LAT (°F) DB / WB			
	FACE VELOCITY FPM MAX.			
	REFRIGERANT TYPE			
HEATING DATA	HEATING TYPE	PROPANE		
	MBH INPUT	60		
	MBH OUTPUT	55.3		
	EAT (°F) / LAT (°F)	59.7 / 105.7		
	MINIMUM EFFICIENCY (%)	92.1		
VOLTAGE / PHASE		120 / 1		
FULL LOAD AMPS		11.8		
MOCP		15		
AIR COOLED CONDENSING UNIT	UNIT NO.	N/A		
	MANUFACTURER			
	MODEL NO.			
	SERVICE			
	NOMINAL CAPACITY (TONS)			
	AMBIENT TEMP (°F)			
	MINIMUM EFFICIENCY (SEER)			
	REFRIGERANT TYPE			
	TOTAL CAPACITY (MBH)			
	SENSIBLE CAPACITY (MBH)			
	# OF COMPRESSORS			
	VOLTAGE / PHASE			
	MINIMUM CIRCUIT AMPS			
	MOCP			
REMARKS		1, 2, 3		

KEYED NOTES
1 LISTED MODEL AND MANUFACTURER ARE THE BASIS OF DESIGN. REFER TO THE SPECIFICATION FOR ALLOWABLE MANUFACTURERS
2 MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL GAS REGULATOR
3 PROVIDE UPFLOW CONFIGURATION

GAS-FIRED UNIT HEATER SCHEDULE

UNIT NO.	GUH-1					
SERVICE	SEE PLANS					
MANUFACTURER	MODINE					
MODEL NO.	PTX 350					
TYPE	PROP					
EAT (°F)	68					
FUEL INPUT (MBH)	350					
HEATING OUTPUT (MBH)	287					
THERMAL EFFICIENCY (%)	82					
AIR FLOW (CFM)	5280					
THROW (FT)	65					
FUEL TYPE:	PROPANE					
VENT / COMBUSTION AIR SIZES	6" / 6"					
GAS PRESSURE (IN WC)	6 - 7					
MOTOR AMPS	7					
VOLTAGE / PHASE	115 / 1					
TOTAL AMPS	8.65					
REMARKS	1 2					

KEYED NOTES:
1 LISTED MODEL AND MANUFACTURER ARE THE BASIS OF DESIGN. REFER TO THE SPECIFICATION FOR ALLOWABLE MANUFACTURERS.
2 FURNISH AND INSTALL GAS REGULATOR

LOUVER SCHEDULE

UNIT NO.	L-1	L-2
MAUFACTURER	RUSKIN	RUSKIN
MODEL NO.	ELF6375DX	ELF6375DX
SERVICE	EF-1	EF-2
AIRFLOW (CFM)	2180	1750
SIZE (W x H)	40X30	30X30
FREE AREA (FT²)	4.45	3.27
FREE AREA VELOCITY (FPM)	450	535
STATIC PRESSURE (IN WC)	0.15	0.15
REMARKS	1	1

KEYED NOTES
1 LISTED MODEL AND MANUFACTURER ARE THE BASIS OF DESIGN. REFER TO THE SPECIFICATION FOR ALLOWABLE MANUFACTURERS.

CONTROL DAMPER

SERVICE	EF-1	EF-2	
BLADE TYPE (OPPOSED / PARALLEL)	OPPOSED	OPPOSED	
FAIL POSITION (FC / FO)	N/A	N/A	
SIZE (IN) WxH	18x18	18x18	
ACTUATION TYPE (ELEC. / PNEUMATIC)	ELEC	ELEC	
ACTUATION TYPE (MODULATING / 2-POSITION)	2-POS	2-POS	
DAMPER PROVIDED BY	(1)	(1)	
ACTUATOR PROVIDED BY	(1)	(1)	
REMARKS			

KEYED NOTES
(1) CONTROL DAMPER FURNISHED BY TEMPERATURE CONTROLS CONTRACTOR AND INSTALLED BY MECHANICAL CONTRACTOR. ACTUATOR FURNISHED AND INSTALLED BY TEMPERATURE CONTROLS CONTRACTOR.

EXHAUST FAN SCHEDULE

UNIT NO.	EF-1	EF-2	
LOCATION	SEE PLANS	SEE PLANS	
MANUFACTURER	GREENHECK	GREENHECK	
MODEL NO.	GB-160	SQ-7-M1-VG	
DRIVE TYPE	DIRECT	DIRECT	
FAN TYPE	CENTRIFUGAL	CENTRIFUGAL	
DESIGN CFM	2000	1750	
EXT. SP (IN WC)	1	1	
FAN WHEEL TYPE	BI	BI	
FAN DIAMETER	16.625	13.125	
APPROXIMATE FAN RPM	1184	1715	
BHP	0.67	.6	
MOTOR HP	1	3/4	
VOLTS/PHASE	230/1	230/1	
DRIVE	DIRECT	DIRECT	
TWO SPEED	NO	NO	
VFD	NO	NO	
MAX. SONES	13.0	15.5	
REMARKS	1	1	

KEYED NOTES:
1 LISTED MODEL AND MANUFACTURER ARE THE BASIS OF DESIGN. REFER TO THE SPECIFICATION FOR ALLOWABLE MANUFACTURERS

DESTRAT FAN SCHEDULE

UNIT NO.	DF-1	DF-2	
LOCATION	SEE PLANS	SEE PLANS	
MANUFACTURER	AIRIUS	AIRIUS	
MODEL NO.	A-15-SP-STD-120-X	S-15-SP-STD-120-X	
VELOCITY AT 10FT (FPM)	459	459	
APPROXIMATE FAN RPM	1057	1057	
AMPS	0.14	0.14	
VOLTS/PHASE	120/1	120/1	
MAX. dB(A) AT 10FT	27	27	
REMARKS	1 2	1 2	

KEYED NOTES:
1 LISTED MODEL AND MANUFACTURER ARE THE BASIS OF DESIGN. REFER TO THE SPECIFICATION FOR ALLOWABLE MANUFACTURERS
2 FURNISH AND INSTALL WALL MOUNTED SPEED CONTROL.

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Sheet Title:
MLSP SHOP SCHEDULES AND DETAILS – HVAC

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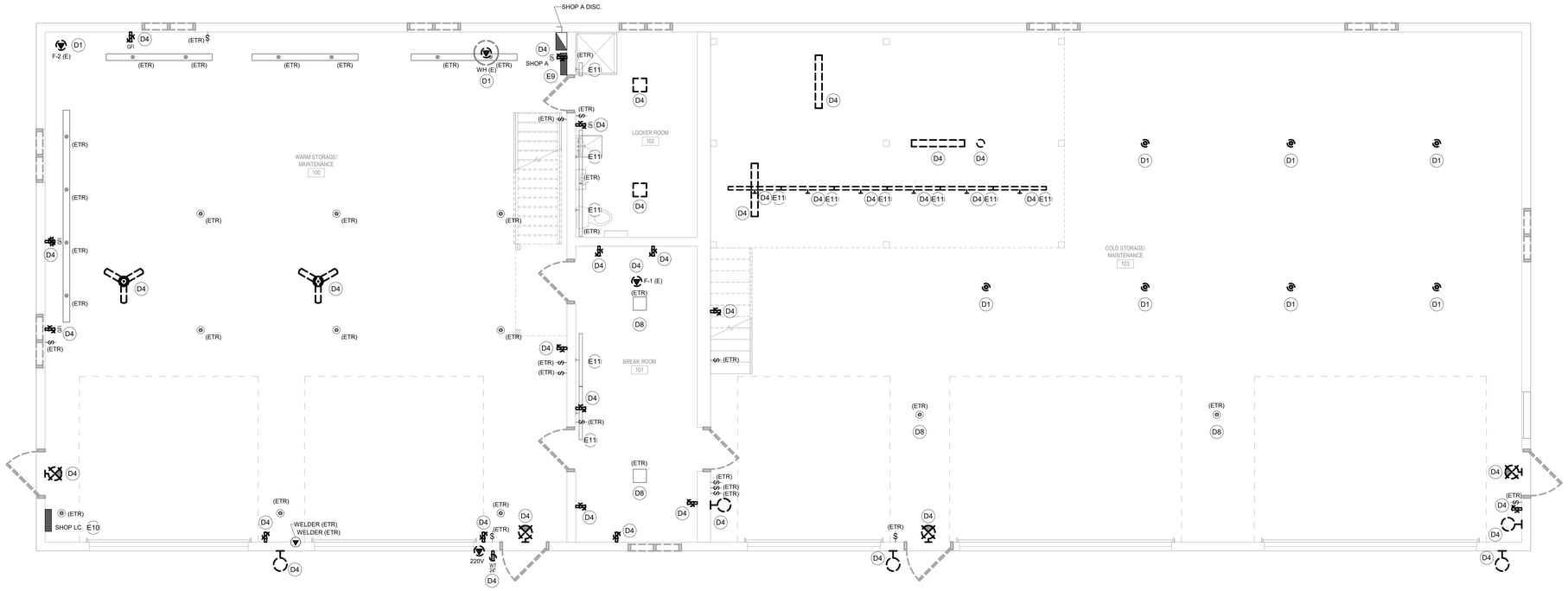

1 E520 MIRROR LAKE SHOP – DEMOLITION
SCALE: 1/4" = 1'-0"

DEMOLITION KEYED NOTES

(KEYED NOTES PER PROJECT)

- D1 EXISTING EQUIPMENT TO BE REMOVED. DISCONNECT AND REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REFER TO ONE-LINE ON SHEET E202.
- D4 EXISTING DEVICE TO BE REPLACED. MAINTAIN CONDUIT AND CONDUCTORS FOR NEW DEVICE INSTALLED IN SAME LOCATION.
- D8 EXISTING LIGHTING TO REMAIN.
- E9 EXISTING 240/120V 1-PHASE, 3-WIRE 225A SQUARE D NQO SERIES PANELBOARD "SHOP A" TO REMAIN.
- E10 EXISTING 240/120V 1-PHASE, 3-WIRE 100A SQUARE D QO SERIES LOAD CENTER "SHOP LC" TO REMAIN.
- E11 ON MEZZANINE ABOVE.

NAME	DESCRIPTION
WELDER (ETR)	EXISTING WELDER RECEPTACLE
WELDER (ETR)	EXISTING WELDER RECEPTACLE
F-1 (E)	EXISTING FURNACE
F-2 (E)	EXISTING FURNACE
WH (E)	EXISTING WATER HEATER

DEMOLITION GENERAL NOTES:

- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION-1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
- ALL DARK DASHED LINES APPROXIMATELY INDICATE EXISTING DEVICES TO BE DISCONNECTED AND REMOVED, UNLESS INDICATED OTHERWISE. REMOVE ANY/ALL UNUSED BOXES, WIRING AND CONDUIT BACK TO SOURCE. ALL PROPERLY SIZED AND PROPERLY SUPPORTED CONDUIT ONLY MAY BE REUSED.
- ALL SOLID LIGHT LINES INDICATE EXISTING DEVICES/EQUIPMENT TO REMAIN IN SERVICE, UNLESS NOTED OTHERWISE.
- ANY/ALL BOXES, CONDUIT, WIRING AND CABLING THAT IS DISCONNECTED AS PART OF THIS PROJECT SHALL BE REMOVED BACK TO SOURCE AND AVAILABLE COMPONENTS SHALL BE RELABELED AS 'SPARE' UNLESS NOTED OTHERWISE.
- EXISTING PROJECT CONDITIONS: INFORMATION PERTAINING TO EXISTING PROJECT CONDITIONS, SUCH AS PRESENT LOCATIONS OF ARCHITECTURAL AND STRUCTURAL BUILDING COMPONENTS, MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, ROUGH-INS AND OTHER MISCELLANEOUS CONSTRUCTION, APPEARS ON THE DRAWINGS. WHILE SUCH INFORMATION HAS BEEN BASED ON AVAILABLE RECORDS AND COLLECTED WITH REASONABLE CARE, THE ARCHITECT AND ENGINEER DO NOT ASSUME ANY EXPRESSED OR IMPLIED GUARANTEE THAT CONDITIONS SO INDICATED ARE SHOWN ENTIRELY COMPLETE, CORRECT AND REPRESENTATIVE OF THOSE ACTUALLY EXISTING. ALL CONTRACTORS SHALL SATISFY THEMSELVES AS TO ALL EXISTING JOB CONDITIONS PRIOR TO BIDDING, AND VERIFY ALL DIMENSIONS AT THE SITE.
- ELECTRICAL CONTRACTOR TO DE-ENERGIZE ANY/ALL EQUIPMENT DESIGNATED FOR DEMOLITION PRIOR TO REMOVAL BY OTHERS.
- WHERE EXISTING PANELS ARE BEING REUSED, PROVIDE NEW BREAKER(S) IN EXISTING PANEL(S) TO FEED ANY/ALL NEW LOADS SHOWN ON THE PLANS.
- REFER TO PHASING PLAN FOR MAINTAINING, DE-ENERGIZING, AND ENERGIZING EQUIPMENT.
- ALL EXISTING ELECTRICAL EQUIPMENT NOTED WITH A SUBSCRIPT "(ETR)" SHALL BE PROPERLY PROTECTED AGAINST DAMAGE DURING THE PERIOD OF THIS RENOVATION.
- WHERE MATERIALS ARE TO BE TURNED OVER TO OWNER OR REUSED AND INSTALLED BY CONTRACTOR, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN CONDITION OF MATERIALS AND EQUIPMENT AT NO ADDITIONAL COST TO OWNER.
- EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.

EXISTING CONDITIONS ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR THE EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

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Sheet Title:
MLSP SHOP BUILDING DEMOLITION PLANS - ELECTRICAL

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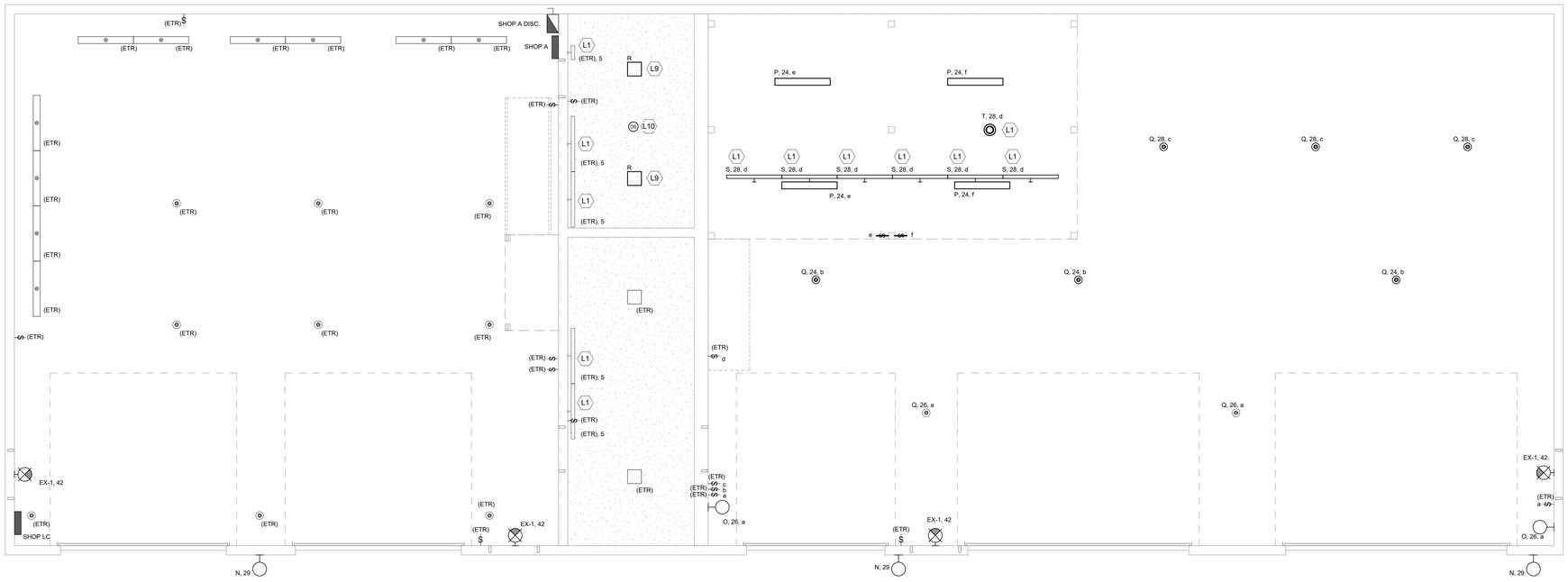
KEYED NOTES

(KEYED NOTES PER PROJECT)

L1 ON MEZZANINE ABOVE.

L9 PROVIDE NEW FIXTURES TIED INTO NEW OCCUPANCY SENSOR. CONNECT NEW FIXTURES TO LOCAL LIGHTING CIRCUIT.

L10 PROVIDE NEW WATTSTOPPER DT-355 SERIES OR EQUAL OCCUPANCY SENSOR. CONNECT TO LOCAL LIGHTING CIRCUIT.



1 E521 MIRROR LAKE SHOP – LIGHTING

SCALE: 1/4" = 1'-0"

SHOP LUMINAIRE SCHEDULE

TAG	DESCRIPTION	DEPTH / HEIGHT	MOUNTING	NORMAL OPERATION LUMENS	NORMAL OPERATION WATTS	EMERGENCY OPERATION LUMENS	EMERGENCY OPERATION WATTS	EMERGENCY OPERATION TYPE	VOLTAGE	COLOR TEMP. (K)	C.R.I. (Min)	DIMMING	INTEGRATED OPTIONS CONTROL	INTEGRATED OPTIONS SENSOR	REFLECTOR	FINISH	MANUFACTURER	MODEL SERIES	FOOT NOTES
EX-1	EXIT SIGN - FRONT FACING		SURFACE	0	0	0	0		120-277	-	0	NONE	-	-	-	WH	SURE-LITES	LPXW	1
N	<varies>		<varies>	<varies>	<varies>	0	0		<varies>	<varies>	<varies>	<varies>				<varies>	<varies>	<varies>	<varies>
O	EXTERIOR SCONCE FIXTURE		SURFACE	3,719	30	0	0		120-277	4000	70	0-10V 10%	-	-			HALO	WXP	3
P	1' x 4' FIXTURE		SURFACE	6,000	51	0	0		120-277	4000	80	NONE	-	-	DR		METALUX	4VT2	4
Q	HIGH BAY FIXTURE		RIGID PENDANT	10,000	62	0	0		120-277	4000	70	0-10V 10%	-	-	-	NW	MCGRAW-EDISON	TT SERIES	5
R	1' x 1' FIXTURE		SURFACE	1,659	14	0	0		120-277	4000	80	NONE	-	-	-	WH	METALUX	MMS	6
S	LINEAR FIXTURE		SURFACE	3,318	20	0	0		120-277	4000	80	0-10V 10%	-	-	LC	-	METALUX	4SNX-31SL-LC -UNV	7
T	SURFACE MOUNTED FIXTURE		SURFACE	1,175	10	0	0		120-277	4000	80	NONE	-	-	TRR	BLK	FAIL-SAFE	TR11	8

EMERGENCY OPERATION TYPES

(1) INTEGRAL BATTERY 7W
(2) INTEGRAL BATTERY (2) 7W
(3) INTEGRAL BATTERY 10W
(4) INTEGRAL BATTERY (2) 10W
(5) INTEGRAL BATTERY 15W
(6) INTEGRAL BATTERY 700 LUMEN
(7) INTEGRAL BATTERY 1400 LUMEN
(8) BATTERY WITH SELF-DIAGNOSTICS
(9) UL924 TRANSFER DEVICE (EXTERNAL OR INTERNAL)
(10) INTEGRAL GENERATOR TRANSFER DEVICE

INTEGRATED CONTROL TYPES

(1) ROCKER
(2) WIRED - CAT 6
(3) WIRELESS

INTEGRATED SENSOR TYPES

(1) PASSIVE INFRARED
(2) ULTRASONIC
(3) DUAL TECHNOLOGY (PIR+ULTRASONIC)
(4) DIMMING PHOTOCELL

GENERAL NOTES:

FOOT NOTES:

1. EQAUALS BY:
   A. ISOLITE: LPDC2 SERIES
   B. RP LIGHTING: RXL28 SERIES
2. EQUALS BY:
   A. LITHONIA LIGHTING: D-SERIES
   B. TRACE LITE: RXAR SERIES
3. EQUALS BY:
   A. LITHONIA LIGHTING: TWR2 SERIES
   B. HOLOPHANE: WCNG SERIES
4. EQUALS BY:
   A. HOLOPHANE: EMS LED SERIES
   B. RAB LIGHTING: C-STRIP SERIES
5. EQUALS BY:
   A. RAB LIGHTING: H17 SERIES
   B. LITHONIA LIGHTING: CPRB LED SERIES
6. EQUALS BY:
   A. LITHONIA LIGHTING: CPX SERIES
   B. RAB LIGHTING: EDGE-LIT SERIES
7. EQUALS BY:
   A. RAB LIGHTING: C-STRIP SERIES
   B. LITHONIA LIGHTING: ZL1N SERIES
8. EQUALS BY:
   A. RAB LIGHTING: SUMO SERIES
   B. LITHONIA LIGHTING: OLCFM SERIES

ELECTRICAL GENERAL NOTES:

- EXISTING PROJECT CONDITIONS: INFORMATION PERTAINING TO EXISTING PROJECT CONDITIONS, SUCH AS PRESENT LOCATIONS OF ARCHITECTURAL AND STRUCTURAL BUILDING COMPONENTS, MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, ROUGH-INS AND OTHER MISCELLANEOUS CONSTRUCTION, APPEARS ON THE DRAWINGS. WHILE SUCH INFORMATION HAS BEEN BASED ON AVAILABLE RECORDS AND COLLECTED WITH REASONABLE CARE, THE ARCHITECT AND ENGINEER DO NOT ASSUME ANY EXPRESSED OR IMPLIED GUARANTEE THAT CONDITIONS SO INDICATED ARE SHOWN ENTIRELY COMPLETE, CORRECT AND REPRESENTATIVE OF THOSE ACTUALLY EXISTING. ALL CONTRACTORS SHALL SATISFY THEMSELVES AS TO ALL EXISTING JOB CONDITIONS PRIOR TO BIDDING, AND VERIFY ALL DIMENSIONS AT THE SITE.
- REFER TO SHEETS E000 FOR ALL SYMBOLS AND ABBREVIATIONS.
- THE CONTRACTOR MAY INSTALL UP TO THREE (3) CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON THWN INSULATION, 40°C AMBIENT WITH DERATINGS FOR TEMPERATURE AND UP TO THREE (3) CONDUCTORS IN A CONDUIT. CONTACT THE ENGINEER FOR WIRING IN OTHER CONDITIONS.
- VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
- REFER TO ARCHITECTURAL PLANS, SECTIONS, ELEVATIONS, AND REFLECTED CEILING PLANS FOR EXACT LOCATION AND COORDINATION OF ALL LIGHT FIXTURE INSTALLATIONS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION 1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
- ALL SOLID LIGHT LINES INDICATE EXISTING DEVICES/EQUIPMENT TO REMAIN IN SERVICE, UNLESS NOTED OTHERWISE.
- WHERE EXISTING PANELS ARE BEING REUSED, PROVIDE NEW BREAKER(S) IN EXISTING PANEL(S) TO FEED ANY/ALL NEW LOADS SHOWN ON THE PLANS.
- REFER TO SECTION 26 05 19 FOR SPECIFIC WIRING REQUIREMENTS. NOTE THAT HIGH AMBIENT SPACES, MECHANICAL ROOMS, UTILITY ROOMS, AND EXTERIOR EXPOSED CONDUIT SHALL BE 90 DEGREE C, XHHW-2 CONDUCTORS.
- REFER TO PHASING PLAN FOR MAINTAINING, DE-ENERGIZING, AND ENERGIZING EQUIPMENT.
- ALL WIRING WITHIN THE BUILDING SHALL BE CONCEALED EXCEPT IN UNFINISHED SPACES.
- ALL GFCI RECEPTACLES ON THIS PROJECT SHALL BE WEATHER RESISTANT (WR) RATED.
- POWER CONDUCTORS SHALL BE SIZED PER THE NEC AMPACITY TABLES (ARTICLE 310), INCLUDING ADJUSTMENT FACTOR AND NEUTRAL CONDUCTOR REQUIREMENTS (FEED AND BRANCH NEUTRAL CONDUCTORS MUST BE COUNTED AS CURRENT CARRYING CONDUCTORS). RUN SEPARATE NEUTRAL CONDUCTORS FOR ALL LIGHTING CIRCUITS.
- ALL LIGHT FIXTURES SHALL BE PROVIDED WITH QUICK-CONNECT DISCONNECTING MEANS AND A 6" (MAXIMUM) FIXTURE WHIP FOR FUTURE MAINTENANCE PURPOSES.
- WIRING SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC) AND APPLICABLE LOCAL CODES, INCLUDING PROVISION OF EQUIPMENT GROUNDING AS REQUIRED BY THE NEC.
- IN HIGH AMBIENT SPACES, MECHANICAL ROOMS, UTILITY ROOMS, AND EXTERIOR EXPOSED CONDUIT, 90 DEGREE C, XHHW-2 CONDUCTORS SHALL BE UTILIZED.
- ALL DUPLEX RECEPTACLES SHALL BE HEAVY DUTY SPECIFICATION GRADE, 20 AMP RATED.
- CIRCUITING INDICATES GROUPING ONLY. CONFIRM ALL EXISTING WIRING AND CIRCUITING.

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KEYED NOTES

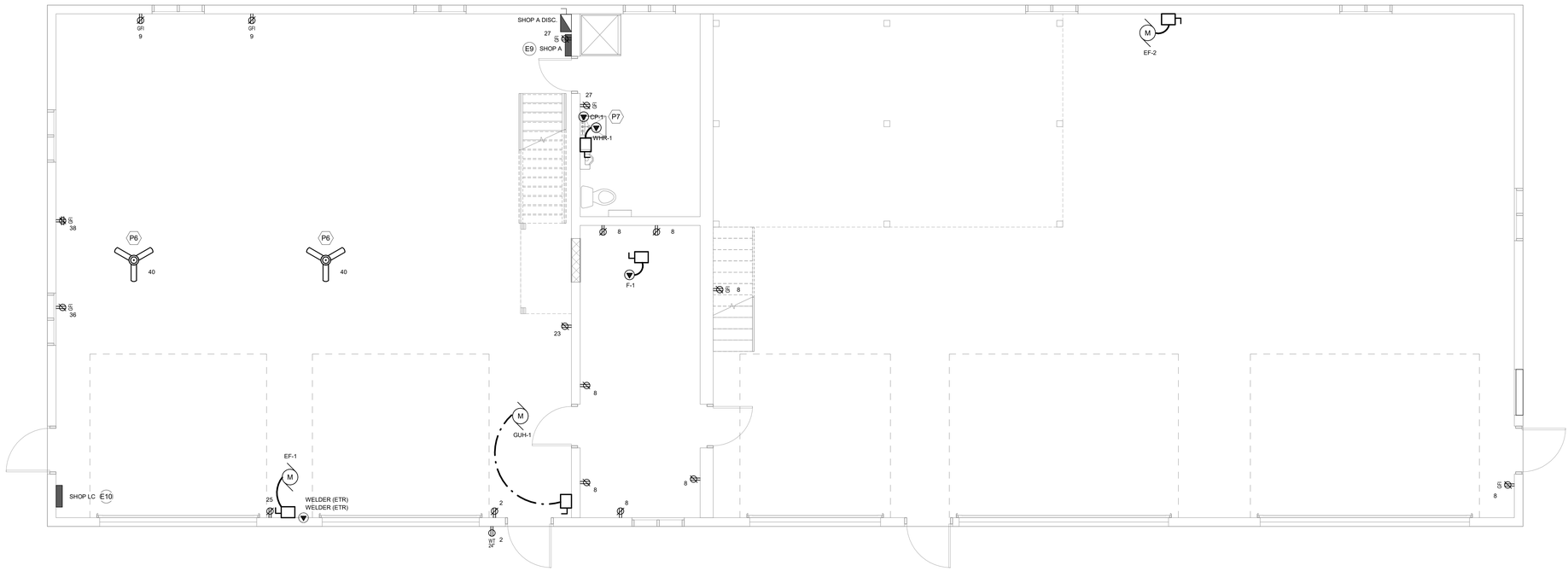
(KEYED NOTES PER PROJECT)

E9 EXISTING 240/120V 1-PHASE, 3-WIRE 225A SQUARE D NQO SERIES PANELBOARD "SHOP A" TO REMAIN.

E10 EXISTING 240/120V 1-PHASE, 3-WIRE 100A SQUARE D QO SERIES LOAD CENTER "SHOP LC" TO REMAIN.

P6 DIVISION 26 CONTRACTOR TO PROVIDE CONNECTION TO NEW FAN. EXTEND EXISTING CONDUCTORS TO NEW FAN AND FEED FROM CIRCUIT INDICATED.

P7 DIVISION 26 CONTRACTOR TO CIRCUIT NEW CP-1 TO LOCAL CIRCUIT.



1 E522 MIRROR LAKE SHOP – POWER AND SYSTEMS

SCALE: 1/4" = 1'-0"

ELECTRICAL CONNECTION SCHEDULE

TAG	DESCRIPTION	LOCATION NO	LOCATION NAME	LOAD kVA	LOAD F.L.A.	LOAD M.C.A.	LOAD VOLT	LOAD PH	CIRCUITING INFORMATION OCP (Amps)	CIRCUITING INFORMATION WIRE SIZE & CONDUIT	CIRCUITING INFORMATION PANEL	CIRCUITING INFORMATION CIRCUIT #	STARTER TYPE	STARTER FURNISHED / INSTALLED	CONTROLLER TYPE	CONTROLLER FURNISHED / INSTALLED	DISCONNECT TYPE	DISCONNECT FURNISHED / INSTALLED	ACCESSORIES	NEMA TYPE/CONFIGURATION	POWER SOURCE TYPE NORMAL	POWER SOURCE TYPE LIFE SAFETY	POWER SOURCE TYPE LEGALLY REQUIRED	POWER SOURCE TYPE OPTIONAL STAND-BY	FOOT NOTES
CP-1	CIRCULATION PUMP	-	MEZZANINE	0.0	0.4	0.5	120	1	20	#12,#12N,#12G-3/4"C	-	-	MAN	PC	0/0	MF	NFS	EC			•				
WHR-1	WATER HEATER	-	MEZZANINE	4.5	18.8	23.4	240	1	25	2#10,#10N,#10G-1"C	SHOP A	19,21	MAN	PC	TC	MF	NFS	EC			•				
F-1	FURNACE	-	MEZZANINE	1.4	11.8	14.8	120	1	15	#12,#12N,#12G-3/4"C	SHOP A	10	MAN	MF	TS	HC	NFS	EC			•				

STARTER TYPES:
2-SPD TWO SPEED
CS COMBINATION STARTER
ECM ECM CONTROLLER
MAN MANUAL SWITCH
FVNR FULL VOLTAGE NON-REVERSING
FVR FULL VOLTAGE REVERSING
RVS REDUCED VOLTAGE
SS SOFT STARTER
VFD VARIABLE FREQUENCY DRIVE

CONTROL DEVICES:
0/0 ON-OFF SELECTOR SWITCH
BAS BUILDING AUTOMATION SYSTEM
CT CONTACTOR
ECP EQUIPMENT CONTROL PANEL
HOA HAND-OFF-AUTO SWITCH
PICS PROCESS CONTROL SYSTEM
S/S STOP-START PUSHBUTTONS
TC TEMPERATURE CONTROLS
TS TEMPERATURE SENSOR

DISCONNECT TYPES:
CB CIRCUIT BREAKER
CF COMBINATION FUSED
CN COMBINATION NON-FUSED
FS FUSED SWITCH
IU INTEGRAL WITH UNIT
MCP MOTOR CIRCUIT PROTECTOR
NFS NON-FUSED SWITCH

ACCESSORIES:
AC AUXILLIARY CONTACTS
GP GREEN (POWER) PILOT LIGHT
RAG RED, AMBER & GREEN PILOT LIGHTS
RG RED & GREEN PILOT LIGHTS

ABBREVIATIONS:
EC ELECTRICAL CONTRACTOR
GC GENERAL CONTRACTOR
MC MECHANICAL CONTRACTOR
MF MANUFACTURER
TC TEMPERATURE CONTROL
OT OTHER CONTRACTOR
OWN OWNER
PICS PROCESS INTEGRATED CONTROL SYSTEM

GENERAL NOTES:
- ALL CONDUCTORS ARE COPPER. ALUMINIUM CONDUCTORS WILL HAVE A NOTATION OF (AL) NEXT TO WIRE SIZE.

FOOT NOTES:
(1) - ECM MOTOR.
(2) - INTERLOCK MOTOR WITH OCCUPANCY SENSOR.

MOTOR CONNECTION SCHEDULE

TAG	DESCRIPTION	LOCATION NO	LOCATION NAME	LOAD HP	LOAD kVA	LOAD F.L.A.	LOAD M.C.A.	LOAD VOLT	LOAD PH	CIRCUITING INFORMATION OCP (Amps)	CIRCUITING INFORMATION WIRE SIZE & CONDUIT	CIRCUITING INFORMATION PANEL	CIRCUITING INFORMATION CIRCUIT #	STARTER TYPE	STARTER FURNISHED / INSTALLED	CONTROLLER TYPE	CONTROLLER FURNISHED / INSTALLED	DISCONNECT TYPE	DISCONNECT FURNISHED / INSTALLED	ACCESSORIES	NEMA TYPE/CONFIGURATION	POWER SOURCE TYPE NORMAL	POWER SOURCE TYPE LIFE SAFETY	POWER SOURCE TYPE LEGALLY REQUIRED	POWER SOURCE TYPE OPTIONAL STAND-BY	FOOT NOTES
EF-1	EXHAUST FAN	100	WARM STORAGE/ MAINTENANCE	1	2	8	10	240	1	25	#12,#12N,#12G-3/4"C	SHOP A	39,41	MAN	EC	TC	MF	NFS	EC			•				
EF-2	EXHAUST FAN	103	COLD STORAGE/ MAINTENANCE	0.75	2	7	9	240	1	30	2#12,#12N,#12G-3/4"C	SHOP A	39,41	MAN	EC	TC	MF	NFS	EC			•				
GUH-1	GAS UNIT HEATER	100	WARM STORAGE/ MAINTENANCE	0	1	9	11	120	1	20	#12,#12N,#12G-3/4"C	SHOP A	40	MAN	EC	TC	MF	NFS	EC			•				

STARTER TYPES:
2-SPD TWO SPEED
CS COMBINATION STARTER
ECM ECM CONTROLLER
FVNR FULL VOLTAGE NON-REVERSING
FVR FULL VOLTAGE REVERSING
MAN MANUAL SWITCH
RVS REDUCED VOLTAGE
SS SOFT STARTER
VFD VARIABLE FREQUENCY DRIVE

CONTROL DEVICES:
0/0 ON-OFF SELECTOR SWITCH
BAS BUILDING AUTOMATION SYSTEM
CT CONTACTOR / RELAY
ECP EQUIPMENT CONTROL PANEL
HOA HAND-OFF-AUTO SWITCH
S/S STOP-START PUSHBUTTONS
TC TEMPERATURE CONTROLS
TS THERMOSTAT / TEMPERATURE SENSOR

DISCONNECT TYPES:
CB CIRCUIT BREAKER
CF COMBINATION FUSED
CN COMBINATION NON-FUSED
FS FUSED SWITCH
IU INTEGRAL WITH UNIT
MCP MOTOR CIRCUIT PROTECTOR
NFS NON-FUSED SWITCH
RP RECEPTACLE / PLUG CONNECTION

ACCESSORIES:
AC AUXILLIARY CONTACTS
GP GREEN (POWER) PILOT LIGHT
RAG RED, AMBER & GREEN PILOT LIGHTS
RG RED & GREEN PILOT LIGHTS

ABBREVIATIONS:
EC ELECTRICAL CONTRACTOR
GC GENERAL CONTRACTOR
MC MECHANICAL CONTRACTOR
MF MANUFACTURER
TC TEMPERATURE CONTROL
OT OTHER CONTRACTOR
OWN OWNER

GENERAL NOTES:
- ALL CONDUCTORS ARE COPPER. ALUMINIUM CONDUCTORS WILL HAVE A NOTATION OF (AL) NEXT TO WIRE SIZE.

FOOT NOTES:
(1)

ELECTRICAL GENERAL NOTES:

- EXISTING PROJECT CONDITIONS: INFORMATION PERTAINING TO EXISTING PROJECT CONDITIONS, SUCH AS PRESENT LOCATIONS OF ARCHITECTURAL AND STRUCTURAL BUILDING COMPONENTS, MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, ROUGH-INS AND OTHER MISCELLANEOUS CONSTRUCTION, APPEARS ON THE DRAWINGS. WHILE SUCH INFORMATION HAS BEEN BASED ON AVAILABLE RECORDS AND COLLECTED WITH REASONABLE CARE, THE ARCHITECT AND ENGINEER DO NOT ASSUME ANY EXPRESSED OR IMPLIED GUARANTEE THAT CONDITIONS SO INDICATED ARE SHOWN ENTIRELY COMPLETE, CORRECT AND REPRESENTATIVE OF THOSE ACTUALLY EXISTING. ALL CONTRACTORS SHALL SATISFY THEMSELVES AS TO ALL EXISTING JOB CONDITIONS PRIOR TO BIDDING, AND VERIFY ALL DIMENSIONS AT THE SITE.
- REFER TO SHEETS E000 FOR ALL SYMBOLS AND ABBREVIATIONS.
- THE CONTRACTOR MAY INSTALL UP TO THREE (3) CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON TWYN INSULATION, 40°C AMBIENT WITH DERATINGS FOR TEMPERATURE AND UP TO THREE (3) CONDUCTORS IN A CONDUIT. CONTACT THE ENGINEER FOR WIRING IN OTHER CONDITIONS.
- VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
- REFER TO ARCHITECTURAL PLANS, SECTIONS, ELEVATIONS, AND REFLECTED CEILING PLANS FOR EXACT LOCATION AND COORDINATION OF ALL LIGHT FIXTURE INSTALLATIONS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION 1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
- ALL SOLID LIGHT LINES INDICATE EXISTING DEVICES/EQUIPMENT TO REMAIN IN SERVICE, UNLESS NOTED OTHERWISE.
- WHERE EXISTING PANELS ARE BEING REUSED, PROVIDE NEW BREAKER(S) IN EXISTING PANEL(S) TO FEED ANY/ALL NEW LOADS SHOWN ON THE PLANS.
- REFER TO SECTION 26 05 19 FOR SPECIFIC WIRING REQUIREMENTS. NOTE THAT HIGH AMBIENT SPACES, MECHANICAL ROOMS, UTILITY ROOMS, AND EXTERIOR EXPOSED CONDUIT SHALL BE 90 DEGREE C, XHHW-2 CONDUCTORS.
- REFER TO PHASING PLAN FOR MAINTAINING, DE-ENERGIZING, AND ENERGIZING EQUIPMENT.
- ALL WIRING WITHIN THE BUILDING SHALL BE CONCEALED EXCEPT IN UNFINISHED SPACES.
- ALL GFCI RECEPTACLES ON THIS PROJECT SHALL BE WEATHER RESISTANT (WR) RATED.
- POWER CONDUCTORS SHALL BE SIZED PER THE NEC AMPACITY TABLES (ARTICLE 310), INCLUDING ADJUSTMENT FACTOR AND NEUTRAL CONDUCTOR REQUIREMENTS (FEED AND BRANCH NEUTRAL CONDUCTORS MUST BE COUNTED AS CURRENT CARRYING CONDUCTORS). RUN SEPARATE NEUTRAL CONDUCTORS FOR ALL LIGHTING CIRCUITS.
- ALL LIGHT FIXTURES SHALL BE PROVIDED WITH QUICK-CONNECT DISCONNECTING MEANS AND A 6" (MAXIMUM) FIXTURE WHIP FOR FUTURE MAINTENANCE PURPOSES.
- WIRING SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC) AND APPLICABLE LOCAL CODES, INCLUDING PROVISION OF EQUIPMENT GROUNDING AS REQUIRED BY THE NEC.
- IN HIGH AMBIENT SPACES, MECHANICAL ROOMS, UTILITY ROOMS, AND EXTERIOR EXPOSED CONDUIT, 90 DEGREE C, XHHW-2 CONDUCTORS SHALL BE UTILIZED.
- ALL DUPLEX RECEPTACLES SHALL BE HEAVY DUTY SPECIFICATION GRADE, 20 AMP RATED.
- CIRCUITING INDICATES GROUPING ONLY. CONFIRM ALL EXISTING WIRING AND CIRCUITING.

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MLSP SHOP BUILDING NEW WORK PLANS - POWER AND SYSTEMS

Revisions:

No.	Date:	Description:

Graphic Scale 0' 1' 2' 4' 6'

DFD Number 24B2B

Set Type BD

Date Issued 10/07/2025

Sheet Number E522

Panelboard: SHOP A

DEMO

Location: WARM STORAGE/...
Supply From: UTILITY
Mounting: SURFACE
Enclosure: Type 1

Voltage: 240V/120
Phases: 1
Wires: 3

A.I.C. Rating: 22,000 AIC
Mains Type: MLO
Bus Rating: 225 A

CKT	Circuit Description	Note	Trip	Poles	A (kVA)	B (kVA)	C (kVA)	Poles	Trip	Note	Circuit Description	CKT
1	FURNACE WEST		20 A	1	0	0		1	20 A		LIGHTS & RECPT BY DOOR.	2
3	GARAGE DOOR COLD STORAGE		20 A	1		0	0	1	20 A		LIGHTS NORTH ROW	4
5	LIGHTS LOFT, RESTROOM, OFFICE		20 A	1	0	0		1	20 A		LIGHTS SOUTH ROW	6
7	WELDING EXHAUST FAN		20 A	1		0	0	1	20 A		FREEZER ROOM	8
9	NORTHWEST WALL OUTLETS		20 A	1	0	0		1	20 A		FURNACE LOFT	10
11	220V RECPT. BY GARAGE DOOR		20 A	2		0	0	2	30 A		GAS CONRTROL PANEL	12
13					0	0						14
15	LIFTSTATION PANEL		80 A	2		0	0	2	20 A		220V RECPT. NORTH WALL	16
17					0	0						18
19	WATER HEATER		30 A	2		0	0	2	20 A		220V RECPT. SOUTH EXTERIOR WALL	20
21					0	0						22
23	RECPT. BY BREAKROOM / ALARM...		20 A	1		0	0	1	20 A		COLD STORAGE LIGHTS MIDDLE ROW	24
25	RECPT. BETWEEN GARAGE DOOR		20 A	1	0	0		1	20 A		COLD STORAGE LIGHTS SOUTH ROW	26
27	RECPT. @ PANEL		20 A	1		0	0	1	20 A		COLD STORAGE LIGHTS NORTH RO...	28
29	EXTERIOR LIGHTING		20 A	1	0	0		1	20 A		GARAGE DOOR OPENER	30
31	WELDER		50 A	2		0	0	1	20 A		GARAGE DOOR OPENER	32
33					0	0		1	20 A		EXTERIOR RECPT. & BENCH LIGHTS	34
35	WELDER		50 A	2		0	0	1	20 A		RECPT. BENCH	36
37					0	0		1	20 A		RECPT. BENCH	38
39	RECPT.		20 A	1		0	0	1	20 A		CEILING FANS	40
41	[SPACE]		--	1	--	0		1	15 A		EXIT LIGHTS	42
				Total Load:	0 kVA	0 kVA	0 kVA					
				Total Amps:	0 A	0 A	0 A					

FEEDER BREAKER NOTES:

(G)	GROUND FAULT PROTECTION	(LN)	BREAKER LOCK IN ON POSITION
(M)	INTEGRAL METER	(LF)	BREAKER LOCK IN OFF POSITION
(S)	SURGE PROTECTION	(AF)	ARC FAULT PROTECTION
(ST)	SHUNT TRIP BREAKER	(G/AF)	COMBINATION GFCI/AFCI

ADJUSTABLE TRIP SETTINGS:

(IT)	INSTANTANEOUS SETTING
(LT)	LONG TERM SETTING
(ST)	SHORT TERM SETTING

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 kVA
				Total Est. Demand:	0 kVA
				Total Conn.:	0 A
				Total Est. Demand:	0 A

Notes:

Panelboard: SHOP A

NEW

Location: WARM STORAGE/...
Supply From:
Mounting: SURFACE
Enclosure: Type 1

Voltage: 240V/120
Phases: 1
Wires: 3

A.I.C. Rating: 22,000 AIC
Mains Type: MLO
Bus Rating: 225 A

CKT	Circuit Description	Note	Trip	Poles	A (kVA)	B (kVA)	C (kVA)	Poles	Trip	Note	Circuit Description	CKT
1	FURNACE WEST		20 A	1	0	0.36		1	20 A		LIGHTS & RECPT BY DOOR.	2
3	GARAGE DOOR COLD STORAGE		20 A	1		0	0	1	20 A		LIGHTS NORTH ROW	4
5	LIGHTS LOFT, RESTROOM, OFFICE		20 A	1	0.03	0		1	20 A		LIGHTS SOUTH ROW	6
7	WELDING EXHAUST FAN		20 A	1		0	1.44	1	20 A		RECPT BREAK ROOM	8
9	NORTHWEST WALL OUTLETS		20 A	1	0.36	1.42		1	15 A		F-1 - FURNACE LOFT	10
11	220V RECPT. BY GARAGE DOOR		20 A	2		0	0	2	30 A		GAS CONTROL PANEL / SHOP...	12
13					0	0						14
15	LIFTSTATION PANEL		80 A	2		0	0	2	20 A		220V RECPT. NORTH WALL	16
17					0	0						18
19	WHR-1 - WATER HEATER		30 A	2		2.25	0	2	20 A		220V RECPT. SOUTH EXTERIOR WALL	20
21					2.25	0						22
23	RECPT. BY BREAKROOM / ALARM...		20 A	1		0.18	0.39	1	20 A		COLD STORAGE LIGHTS MIDDLE ROW	24
25	RECPT. BETWEEN GARAGE DOOR		20 A	1	0.18	0.18		1	20 A		COLD STORAGE LIGHTS SOUTH ROW	26
27	EF-2 & RECPT. @ PANEL		20 A	1		0.36	0.23	1	20 A		COLD STORAGE LIGHTS NORTH RO...	28
29	EXTERIOR LIGHTING		20 A	1	0.1	0		1	20 A		GARAGE DOOR OPENER	30
31	WELDER		50 A	2		0	0	1	20 A		GARAGE DOOR OPENER	32
33					0	0		1	20 A		EXTERIOR RECPT. & BENCH LIGHTS	34
35	WELDER		50 A	2		0	0.18	1	20 A		RECPT. BENCH	36
37					0	0.18		1	20 A		RECPT. BENCH	38
39	EF-1 & EF-2 - EXHAUST FAN		25 A	2		1.79	1.07	1	20 A		CEILING FANS - GUH - 1	40
41					1.79	0		1	20 A		EXIT LIGHTS	42
				Total Load:	6.9 kVA	7.9 kVA	0 kVA					
				Total Amps:	57 A	65 A	0 A					

FEEDER BREAKER NOTES:

(G)	GROUND FAULT PROTECTION	(LN)	BREAKER LOCK IN ON POSITION
(M)	INTEGRAL METER	(LF)	BREAKER LOCK IN OFF POSITION
(S)	SURGE PROTECTION	(AF)	ARC FAULT PROTECTION
(ST)	SHUNT TRIP BREAKER	(G/AF)	COMBINATION GFCI/AFCI

ADJUSTABLE TRIP SETTINGS:

(IT)	INSTANTANEOUS SETTING
(LT)	LONG TERM SETTING
(ST)	SHORT TERM SETTING

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	4614 VA	110.40%	5094 VA		
Other	6110 VA	125.00%	7638 VA	**Total Conn. Load:**	15 kVA
Receptacle	3240 VA	100.00%	3240 VA	**Total Est. Demand:**	17 kVA
Lighting	750 VA	125.00%	938 VA	**Total Conn.:**	61 A
				Total Est. Demand:	70 A

Notes: TOTAL ESTIMATED DEMAND SHOW ONLY NEW LOADS ONLY.

Panelboard: SHOP LC

EXISTING

Location: WARM STORAGE/...
Supply From: SHOP A
Mounting: SURFACE
Enclosure: Type 1

Voltage: 240V/120
Phases: 1
Wires: 3

A.I.C. Rating: 22,000 AIC
Mains Type: MLO
Bus Rating: 100 A

CKT	Circuit Description	Note	Trip	Poles	A (kVA)	B (kVA)	C (kVA)	Poles	Trip	Note	Circuit Description	CKT
1	DO NOT USE		--	1	--	0		1	20 A		RECOVERY UNIT	2
3	LIGHT GAS		15 A	1		0	0	1	20 A		GAS PUMP	4
5	[SPACE]		--	1	--	--		1	--		[SPACE]	6
7	[SPACE]		--	1		--	--	1	--		DO NOT USE	8
				Total Load:	0 kVA	0 kVA	0 kVA					
				Total Amps:	0 A	0 A	0 A					

FEEDER BREAKER NOTES:

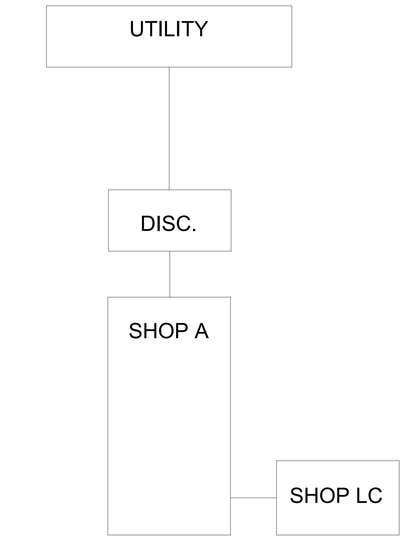
(G)	GROUND FAULT PROTECTION	(LN)	BREAKER LOCK IN ON POSITION
(M)	INTEGRAL METER	(LF)	BREAKER LOCK IN OFF POSITION
(S)	SURGE PROTECTION	(AF)	ARC FAULT PROTECTION
(ST)	SHUNT TRIP BREAKER	(G/AF)	COMBINATION GFCI/AFCI

ADJUSTABLE TRIP SETTINGS:

(IT)	INSTANTANEOUS SETTING
(LT)	LONG TERM SETTING
(ST)	SHORT TERM SETTING

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0 kVA
				Total Est. Demand:	0 kVA
				Total Conn.:	0 A
				Total Est. Demand:	0 A

Notes:



1 / E523 SHOP ONE-LINE
SCALE: NONE

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
MLSP SHOP BUILDING ONE-LINE AND SCHEDULES - ELECTRICAL

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	E523

ROOF GENERAL NOTES - PIWA HEADQUARTERS:

A. VERIFY ROOF EQUIPMENT AND PENETRATIONS WITH ALL TRADES. EQUIPMENT SHOWN IS GRAPHIC ONLY.

B. ROOF PENETRATIONS FOR DRAINS, VENTS, ETC. SHALL BE COMPLETED AS PER CURRENT SMACNA REQUIREMENTS AND THE ROOF MANUFACTURERS APPROVED DETAILS FOR WARRANTY SATISFACTION. COORDINATE QUANTITY AND LOCATIONS WITH MEP CONTRACTOR. PROVIDE CURBS WHERE REQUIRED.

C. ALL METAL ROOF AND FLASHING, SHALL MEET CURRENT SMACNA REQUIREMENTS AND MANUFACTURER'S SPECIFIED WARRANTY.

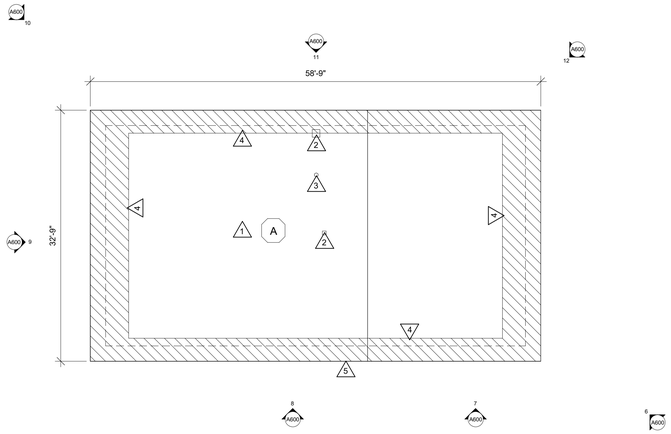
D. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

ROOF SYSTEM DESCRIPTIONS - PIWA HEADQUARTERS:

A — NEW ASPHALT SHINGLES OVER NEW UNDERLAYMENT OVER EXISTING SHEATHING ON EXISTING WOOD TRUSSES/RAFTERS.

ROOF KEY NOTES - PIWA HEADQUARTERS

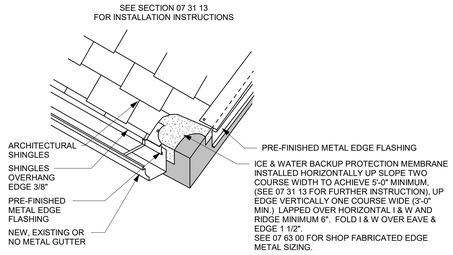
1	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT, AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAILS 2 & 5A600.
2	EXISTING ROOF VENT TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 4A600.
3	EXISTING PIPE PENETRATION TO REMAIN. REMOVE EXISTING FLASHING AND PROVIDE NEW. SEE DETAIL 3A600.
4	AT DIAGONAL HATCHED AREA, PROVIDE ICE AND WATER PROTECTION MEMBRANE.
5	REMOVE AND SALVAGE EXISTING ANTENNA FOR ROOFING REMOVAL/INSTALLATION. REINSTALL ANTENNA AFTER ROOF WORK IS COMPLETE.



1 ROOF PLAN

1/8" = 1'-0"

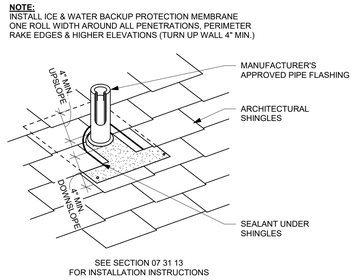
0' 2" 4" 8" 12'



2 EAVE & RAKE FLASHING DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

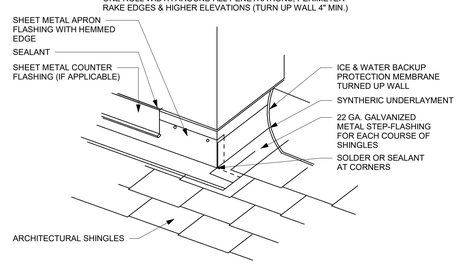


SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS

3 ROOF VENT STACK DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

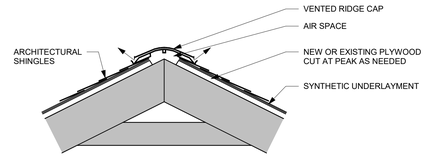


SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS

4 ROOF APRON FLASHING DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'



SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS

5 ROOF VENTED RIDGE DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

SITE PHOTO KEY NOTES - PIWA HEADQUARTERS

1	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT, AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAIL 2 & 5A600.
2	EXISTING ROOF VENT TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 4A600.
3	EXISTING PIPE PENETRATION TO REMAIN. REMOVE EXISTING FLASHING AND PROVIDE NEW. SEE DETAIL 3A600.
4	REMOVE & SALVAGE EXISTING ANTENNA FOR ROOFING REMOVAL/INSTALLATION. REINSTALL ANTENNA AFTER ROOF WORK IS COMPLETE.

6 SITE PHOTO

7 SITE PHOTO

8 SITE PHOTO

9 SITE PHOTO

10 SITE PHOTO

11 SITE PHOTO

12 SITE PHOTO

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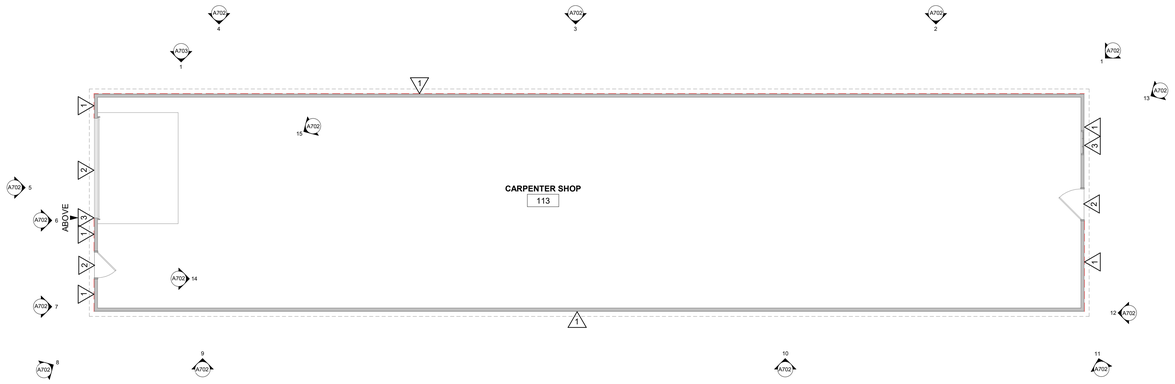
CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
PIWA HEADQUARTERS ROOF PLAN, DETAILS, AND SITE PHOTOS

Revisions:

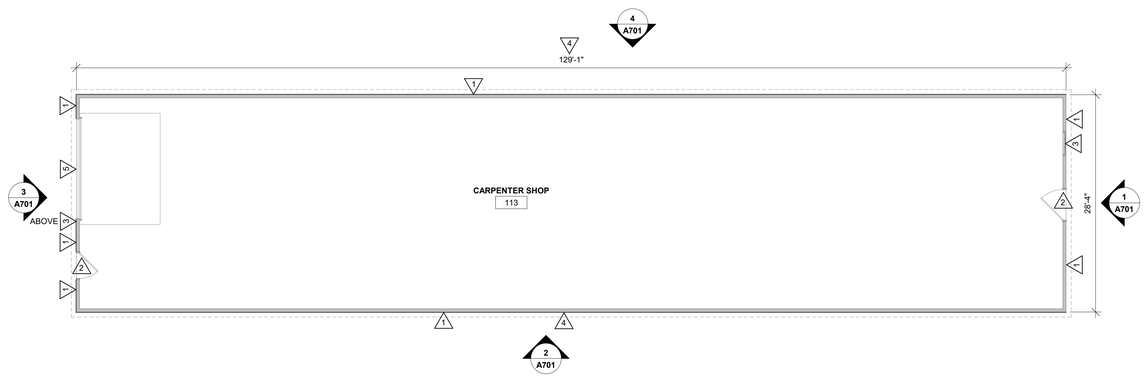
No.	Date:	Description:

Graphic Scale	VARIES
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A600



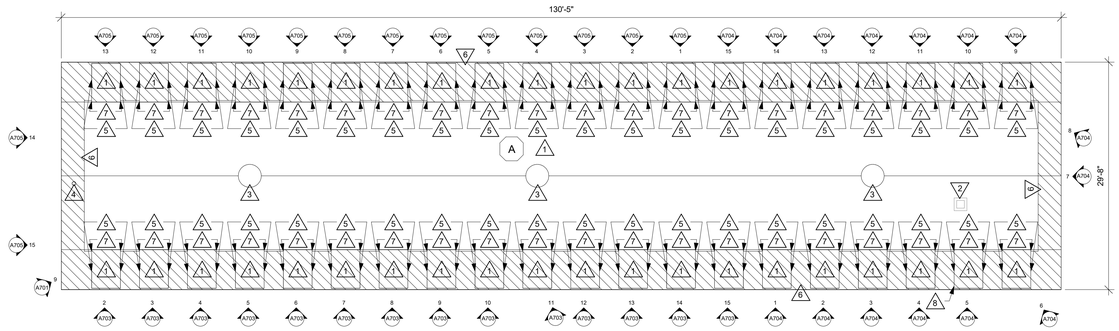
1 DEMOLITION PLAN

1/8" = 1'-0"



2 REMODEL PLAN

1/8" = 1'-0"



3 ROOF PLAN

1/8" = 1'-0"

DEMOLITION GENERAL NOTES - PSGF CARPENTER SHOP:

A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.

B. AT WALL TYPES/MATERIALS: PREPARATION FOR NEW FINISHES SHALL INCLUDE, BUT NOT BE LIMITED TO REMOVAL OF EXISTING FINISHES, TAPES, GLUES/MASTIC, NAILS AND RELATED ITEMS. PATCHING OF HOLES, INDENTATIONS AND CRACKS FOR AN ACCEPTABLE SURFACE FOR NEW FINISH INSTALLATION.

C. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.

D. MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING.

E. ROOM NUMBERS ARE SHOWN ON THIS PLAN FOR INFORMATIONAL AND COORDINATION PURPOSES ONLY.

F. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.

G. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

DEMOLITION PLAN LEGEND - PSGF CARPENTER SHOP:

△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMOVE ITEMS NOTED WITH DASHED LINES

DEMOLITION KEY NOTES - PSGF CARPENTER SHOP

1	REMOVE EXISTING DUTCH LAP WOOD SIDING & WEATHER BARRIER TO EXISTING SHEATHING (FEILD VERIFY).
2	REMOVE EXISTING EXTERIOR WOOD DOOR TRIM.
3	REMOVE EXISTING EXTERIOR WOOD WINDOW TRIM.

REMODEL GENERAL NOTES - PSGF CARPENTER SHOP:

A. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

C. SEE SPEC SECTION 06 30 00 FOR ALL WOOD SCRAPING AND REPAIRING/PATCHING.

D. SEE SPEC SECTION 09 91 13 FOR EXTERIOR PRIMING AND PAINTING.

E. SEE SPEC SECTION 07 46 23 FOR WOOD SIDING.

REMODEL LEGEND - PSGF CARPENTER SHOP:

△ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMODEL KEY NOTES - PSGF CARPENTER SHOP

1	PROVIDE NEW DUTCH LAP WOOD SIDING OVER NEW WEATHER BARRIER OVER EXISTING SHEATHING. NEW SIDING TO HAVE 5" EXPOSURE AND MATCH EXISTING SIDING PROFILE.
2	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD DOOR. PROVIDE NEW EXTERIOR WOOD TRIM AROUND PERIMETER - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER
3	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD WINDOW. PROVIDE NEW EXTERIOR WOOD TRIM AROUND PERIMETER - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER
4	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING DORMERS AND WINDOWS (20 EA ON EAST AND WEST SIDES). APPLY SEALANT AROUND PERIMETER. SEE ROOF PLAN, ELEVATIONS, AND SITE PHOTOS.
5	PROVIDE NEW EXTERIOR WOOD DOOR TRIM AROUND PERIMETER - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER.

ROOF GENERAL NOTES - PSGF CARPENTER SHOP:

A. VERIFY ROOF EQUIPMENT AND PENETRATIONS WITH ALL TRADES. EQUIPMENT SHOWN IS GRAPHIC ONLY.

B. ROOF PENETRATIONS FOR DRAINS, VENTS, ETC. SHALL BE COMPLETED AS PER CURRENT SMACNA REQUIREMENTS AND THE ROOF MANUFACTURERS APPROVED DETAILS FOR WARRANTY SATISFACTION. COORDINATE QUANTITY AND LOCATIONS WITH MEP CONTRACTOR. PROVIDE CURBS WHERE REQUIRED.

C. ALL METAL ROOF AND FLASHING, SHALL MEET CURRENT SMACNA REQUIREMENTS AND MANUFACTURER'S SPECIFIED WARRANTY.

D. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

ROOF SYSTEM DESCRIPTIONS - PSGF CARPENTER SHOP:

A NEW ASPHALT SHINGLES OVER NEW UNDERLAYMENT OVER EXISTING SHEATHING ON EXISTING WOOD TRUSSES/RAFTERS.

ROOF KEY NOTES - PSGF CARPENTER SHOP

1	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAILS 5 & 8A701.
2	EXISTING BRICK & STONE CHIMNEY TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 6A701.
3	EXISTING CUPOLA ROOF VENT TO REMAIN. PROVIDE NEW SHEET METAL APRON FLASHING. SEE DETAIL 6A701.
4	EXISTING PIPE PENETRATION TO REMAIN. REMOVE EXISTING FLASHING AND PROVIDE NEW. SEE DETAIL 7A701.
5	REMOVE EXISTING ROLLED ASPHALT ROOFING AND UNDERLAYMENT OFF THE SIDEWALL OF DORMER TO EXISTING SHEATHING. PROVIDE NEW METAL STEP FLASHING. PROVIDE NEW WOOD DUTCH LAP SIDING WITH 5" EXPOSURE OVER EXISTING SHEATHING AND STEP FLASHING. SEAL WHERE NEW WOOD SIDING MEETS NEW STEP FLASHING.
6	AT DIAGONAL HATCHED AREA, PROVIDE ICE AND WATER PROTECTION MEMBRANE.
7	PROVIDE 22 GA SHEET METAL AT DORMER ROOF TO WHERE EXISTING FASCIA BOARD MEETS EXISTING ROOF SHEATHING. INSTALL BENEATH SHINGLES AND ROOF EDGE FLASHING. SEE DETAIL 9A701.
8	DIVISION 26 CONTRACTOR TO COORDINATE WITH LOCAL UTILITY FOR DISCONNECTION, SALVAGE, AND RE-INSTALLATION OF EXISTING OVERHEAD SERVICE FEEDERS. COORDINATE WITH GPC AND ROOFING CONTRACTOR FOR ALL PHASING REQUIREMENTS. COORDINATE WITH LOCAL UTILITY AND OWNER GROUP FOR ALL TEMPORARY POWER REQUIREMENTS.

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DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
PSGF CARPENTER SHOP PLANS

Revisions:

No.	Date:	Description:

Graphic Scale	0' 2' 4' 8' 12'
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A700

ELEVATION GENERAL NOTES - PSGF CARPENTER SHOP:

A. SEE SPECIFICATION FOR MATERIAL TYPE.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

C. SEE SPEC SECTION 06 30 00 FOR ALL WOOD SCRAPING AND REPAIRING/PATCHING.

D. SEE SPEC SECTION 09 91 13 FOR EXTERIOR PRIMING AND PAINTING.

E. SEE SPEC SECTION 07 46 23 FOR WOOD SIDING.

ELEVATION LEGEND - PSGF CARPENTER SHOP:

1 KEYNOTE TAG

WOOD FINISH

ELEVATION KEY NOTES - PSGF CARPENTER SHOP

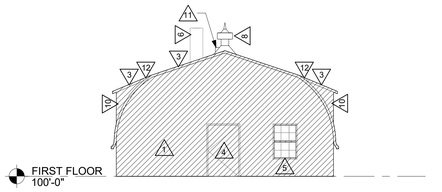
1	PROVIDE NEW DUTCH LAP WOOD SIDING OVER NEW WEATHER BARRIER OVER EXISTING SHEATHING.NEW SIDING TO HAVE 5" EXPOSURE AND MATCH EXISTING SIDING PROFILE.
2	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING DORMERS AND WINDOWS (20 EA ON EAST AND WEST SIDES) - SEE SITE PHOTOS. APPLY SEALANT AROUND PERIMETER OF WINDOW.
3	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD FASCIA AND SOFFIT.
4	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD DOOR. PROVIDE NEW WOOD TRIM AROUND PERIMETER - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER.
5	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD WINDOW. APPLY SEALANT AROUND PERIMETER.
6	EXISTING BRICK & STONE CHIMNEY TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 6A701.
7	PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT, AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAILS 5 & 8A701.
8	EXISTING CUPOLA ROOF VENT TO REMAIN. PROVIDE NEW SHEEET METAL APRON FLASHING. SEE DETAIL 6A701.
9	PROVIDE NEW WOOD DOOR TRIM AROUND PERIMETER - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER.
10	ON SIDEWALL OF EXISTING DORMER, PROVIDE NEW METAL STEP FLASHING. PROVIDE NEW WOOD DUTCH LAP SIDING WITH 5" EXPOSURE OVER EXISTING SHEATHING AND STEP FLASHING. SEAL WHERE NEW WOOD SIDING MEETS NEW STEP FLASHING. TYPICAL AT SIDEWALLS OF ALL EXISTING DORMERS.
11	EXISTING PIPE PENETRATION TO REMAIN. REMOVE EXISTING FLASHING AND PROVIDE NEW. SEE DETAIL 7A701.
12	PROVIDE 22 GA SHEET METAL AT DORMER ROOF TO WHERE EXISTING FASCIA BOARD MEETS EXISTING ROOF SHEATHING. INSTALL BENEATH SHINGLES AND ROOF EDGE FLASHING. SEE DETAIL 9A701.
13	DIVISION 26 CONTRACTOR TO COORDINATE WITH LOCAL UTILITY FOR DISCONNECTION, SALVAGE, AND RE-INSTALLATION OF EXISTING OVERHEAD SERVICE FEEDERS. COORDINATE WITH GPC AND ROOFING CONTRACTOR FOR ALL PHASING REQUIREMENTS. COORDINATE WITH LOCAL UTILITY AND OWNER GROUP FOR ALL TEMPORARY POWER REQUIREMENTS.

LEAD-BASED PAINT NOTE - PSGF CARPENTER SHOP:

THAT STATE, UNDER A SEPARATE CONTRACT, WILL PROVIDE CONTAINERS FOR LEAD-BASED PAINT DEBRIS (PAINT CHIPS) CREATED BY RENOVATION AND WILL DISPOSE OF CONTAINERS AT PROJECT COMPLETION. GPC SHALL COORDINATE DELIVERY AND COLLECTION OF CONTAINERS USING THE STATES HAZARDOUS WASTE SERVICE. REFER TO DIVISION 1 GENERAL REQUIREMENTS, ARTICLE 32. REFER TO DIVISION 1 GENERAL REQUIREMENTS, ARTICLE 5 FOR REGULATORY REQUIEMENTS, MATERIAL SAMPLE RESULTS AND CONTRACTOR RESPONSIBILITIES.

ASBESTOS ABATEMENT NOTE - PSGF CARPENTER SHOP:

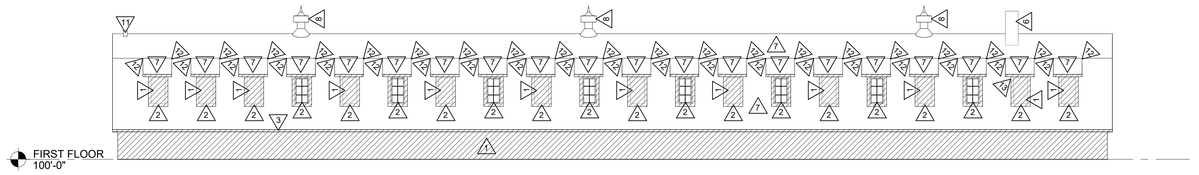
EXISTING WINDOW GLAZE SEALANT MAY CONTAIN ASBESTOS. CAUTION SHOULD BE TAKE TO AVOID IMPACTING THE EXISTING SEALANT. IF THESE MATERIALS BECOME DISLODGED OR DAMAGED, A CERTIFIED ASBESTOS ABATEMENT CONTRACTOR (AAC) WOULD BE REQUIRED. IF THE CONTRACTOR DOES NOT MAINTAIN THIS LEVEL OF CERTIFICATION, THEN THEY MIGHT HIRE A CERTIFIED AAC TO ASSIST WITH THIS WORK. REFER TO DIVISION 1 GENERAL REQUIREMENTS, ARTICLE 5 FOR CONTRACTOR RESPONSIBILITIES.



1 SOUTH ELEVATION

1/8" = 1'-0"

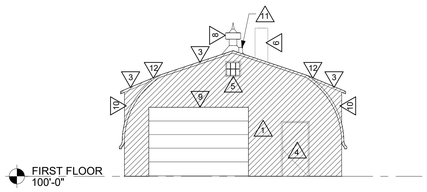
0' 2' 4' 8' 12'



2 WEST ELEVATION

1/8" = 1'-0"

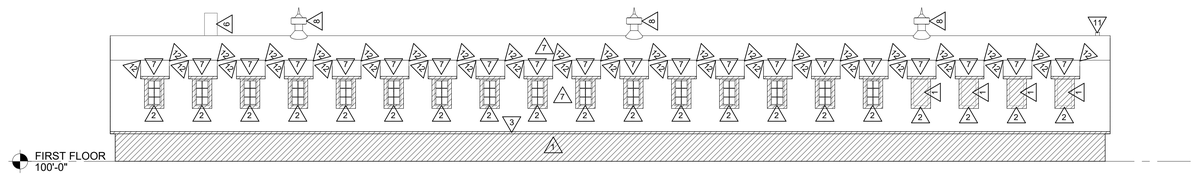
0' 2' 4' 8' 12'



3 NORTH ELEVATION

1/8" = 1'-0"

0' 2' 4' 8' 12'

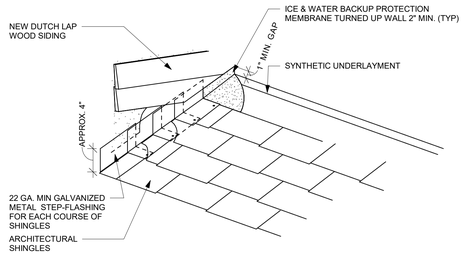


4 EAST ELEVATION

1/8" = 1'-0"

0' 2' 4' 8' 12'

NOTE:
INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE ONE ROLL WIDTH AROUND ALL PENETRATIONS, PERIMETER RAKE EDGES & HIGHER ELEVATIONS (TURN UP WALL 4" MIN.)



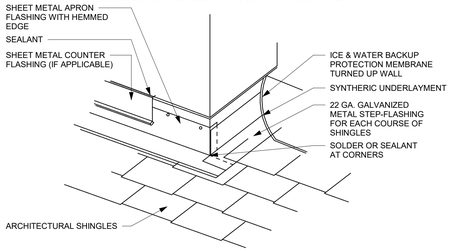
SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS

5 ROOF STEP FLASHING/SIDING DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

NOTE:
INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE ONE ROLL WIDTH AROUND ALL PENETRATIONS, PERIMETER RAKE EDGES & HIGHER ELEVATIONS (TURN UP WALL 4" MIN.)



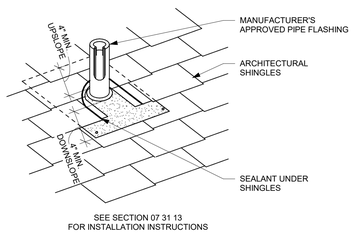
SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS

6 ROOF APRON FLASHING DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

NOTE:
INSTALL ICE & WATER BACKUP PROTECTION MEMBRANE ONE ROLL WIDTH AROUND ALL PENETRATIONS, PERIMETER RAKE EDGES & HIGHER ELEVATIONS (TURN UP WALL 4" MIN.)

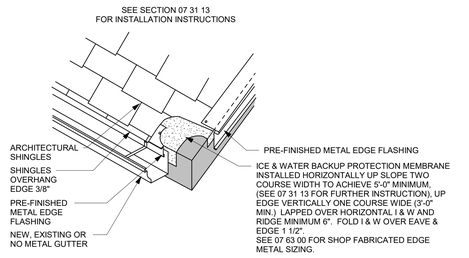


SEE SECTION 07 31 13
FOR INSTALLATION INSTRUCTIONS

7 ROOF VENT STACK DETAIL

1 1/2" = 1'-0"

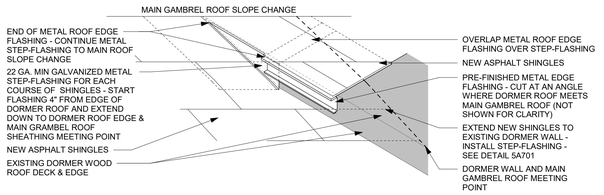
0' 2" 4" 8" 1'



8 EAVE & RAKE FLASHING DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'



NOTE:
SEE DETAIL 5A701 FOR ADDITIONAL NOTES FOR STEP-FLASHING

9 ROOF/DORMER ISOMETRIC DETAIL

3" = 1'-0"

0' 1" 2" 4" 6"

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
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DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
PSGF CARPENTER SHOP ELEVATIONS AND DETAILS

Revisions:

No.	Date:	Description:

Graphic Scale	VARIES
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A701

SITE PHOTO KEY NOTES - PSGF CARPENTER SHOP

1	REMOVE EXISTING WOOD DUTCHLAP SIDING BACK TO EXISTING SHEATHING (FEILD VERIFY). PROVIDE NEW WOOD DUTCHLAP SIDING OVER NEW WEATHER BARRIER OVER EXISTING SHEATHING. NEW SIDING TO HAVE 5" EXPOSURE AND MATCH EXISTING SIDING PROFILE.
2	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD DOOR. REMOVE EXISTING EXTERIOR WOOD TRIM AND PROVIDE NEW WOOD TRIM TO MATCH EXISTING - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER.
3	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD WINDOW. REMOVE EXISTING EXTERIOR WOOD TRIM AND PROVIDE NEW WOOD TRIM TO MATCH EXISTING - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER.
4	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING DORMERS AND WINDOWS. APPLY SEALANT AROUND PERIMETER OF WINDOWS.
5	REMOVE EXTERIOR WOOD DOOR TRIM AND PROVIDE NEW WOOD DOOR TRIM TO MATCH EXISTING - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER.
6	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAILS 5 & 6A701.
7	EXISTING BRICK AND STONE CHIMNEY TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 6A701.
8	EXISTING CUPOLA ROOF VENT TO REMAIN. PROVIDE NEW SHEET METAL APRON FLASHING. SEE DETAIL 6A701.
9	EXISTING PIPE PENETRATION TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 7A701.
10	REMOVE EXISTING ROLLED ASPHALT ROOFING AND UNDERLAYMENT OFF THE SIDEWALL OF DORMER TO EXISTING SHEATHING. PROVIDE NEW METAL STEP FLASHING. PROVIDE NEW WOOD DUTCH LAP SIDING WITH 5" EXPOSURE OVER EXISTING SHEATHING AND STEP FLASHING. SEAL WHERE NEW WOOD SIDING MEETS NEW STEP FLASHING.
11	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING FASCIA AND SOFFIT.
12	PIPE PENETRATION THROUGH WALL TO REMAIN - SEAL PERIMETER.
13	REMOVE EXISTING METAL FLASHING ON FASCIA BOARD. SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING FASCIA BOARD. PROVIDE NEW METAL FLASHING OVER FASCIA BOARD.
14	REMOVE EXISTING WOOD WINDOW SILL. PROVIDE NEW WOOD WINDOW SILL TO MATCH EXISTING - PRIME & PAINT.
15	REPLACE BROKEN WINDOW PANE - MATCH EXISTING GLASS THICKNESS.
16	REMOVE BOTTOM RAIL OF WOOD WINDOW. PROVIDE NEW BOTTOM WOOD RAIL TO MATCH EXISTING - PRIME & PAINT.
17	DIVISION 26 CONTRACTOR TO COORDINATE WITH LOCAL UTILITY FOR DISCONNECTION, SALVAGE, AND RE-INSTALLATION OF EXISTING OVERHEAD SERVICE FEEDERS. COORDINATE WITH GPC AND ROOFING CONTRACTOR FOR ALL PHASING REQUIREMENTS. COORDINATE WITH LOCAL UTILITY AND OWNER GROUP FOR ALL TEMPORARY POWER REQUIREMENTS.

1 SITE PHOTO

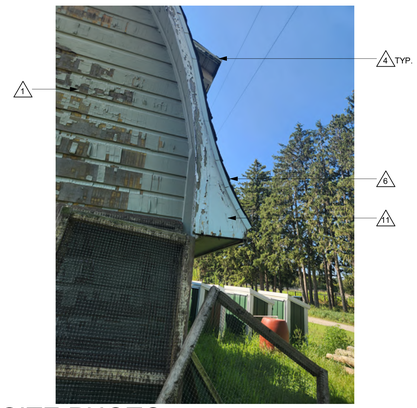
2 SITE PHOTO

3 SITE PHOTO

4 SITE PHOTO

5 SITE PHOTO

6 SITE PHOTO



7 SITE PHOTO

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13 SITE PHOTO

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15 SITE PHOTO

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STATEWIDE, WISCONSIN

Sheet Title:
PSGF CARPENTER SHOP SITE PHOTOS

Revisions:

No.	Date:	Description:

Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A702

SITE PHOTO KEY NOTES - PSGF CARPENTER SHOP

1	REMOVE EXISTING WOOD DUTCHLAP SIDING BACK TO EXISTING SHEATHING (FEILD VERIFY). PROVIDE NEW WOOD DUTCHLAP SIDING OVER NEW WEATHER BARRIER OVER EXISTING SHEATHING. NEW SIDING TO HAVE 5" EXPOSURE AND MATCH EXISTING SIDING PROFILE.
2	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD DOOR. REMOVE EXISTING EXTERIOR WOOD TRIM AND PROVIDE NEW WOOD TRIM TO MATCH EXISTING - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER.
3	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING WOOD WINDOW. REMOVE EXISTING EXTERIOR WOOD TRIM AND PROVIDE NEW WOOD TRIM TO MATCH EXISTING - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER.
4	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING DORMERS AND WINDOWS. APPLY SEALANT AROUND PERIMETER OF WINDOWS.
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6	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAILS 5 & 8A701.
7	EXISTING BRICK AND STONE CHIMNEY TO REMAIN. REMOVE EXISTING METAL FLASHING AND PROVIDE NEW. SEE DETAIL 6A701.
8	EXISTING CUPOLA ROOF VENT TO REMAIN. PROVIDE NEW SHEET METAL APRON FLASHING. SEE DETAIL 6A701.
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11	SCRAPE, REPAIR/PATCH, PRIME AND PAINT EXISTING FASCIA AND SOFFIT.
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15	REPLACE BROKEN WINDOW PANE - MATCH EXISTING GLASS THICKNESS.
16	REMOVE BOTTOM RAIL OF WOOD WINDOW. PROVIDE NEW BOTTOM WOOD RAIL TO MATCH EXISTING - PRIME & PAINT.
17	DIVISION 26 CONTRACTOR TO COORDINATE WITH LOCAL UTILITY FOR DISCONNECTION, SALVAGE, AND RE-INSTALLATION OF EXISTING OVERHEAD SERVICE FEEDERS. COORDINATE WITH GPC AND ROOFING CONTRACTOR FOR ALL PHASING REQUIREMENTS. COORDINATE WITH LOCAL UTILITY AND OWNER GROUP FOR ALL TEMPORARY POWER REQUIREMENTS.

1 SITE PHOTO

2 SITE PHOTO

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SITE PHOTO KEY NOTES - PSGF CARPENTER SHOP

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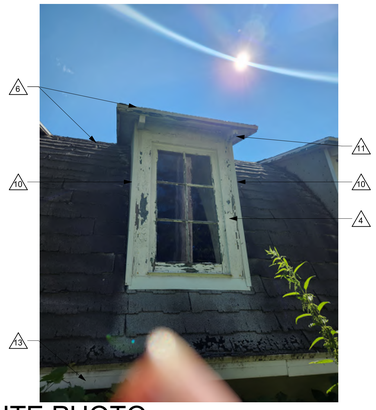
1 SITE PHOTO



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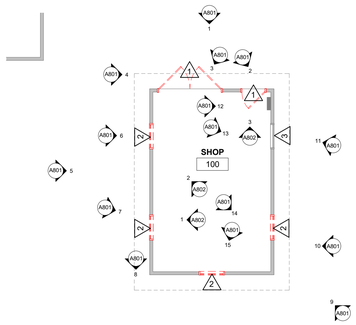


DEMOLITION GENERAL NOTES - RASP SHOP BLDG:

A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.

B. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.

C. ROOM NUMBERS ARE SHOWN ON THIS PLAN FOR INFORMATIONAL AND COORDINATION PURPOSES ONLY.

D. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.

E. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

DEMOLITION PLAN LEGEND - RASP SHOP BLDG:

SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMOVE ITEMS NOTED WITH DASHED LINES

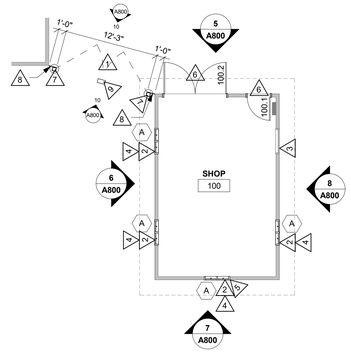
SYMBOL INDICATES REMOVAL OF DOOR AND FRAME UNLESS NOTED OTHERWISE

DEMOLITION KEY NOTES - RASP SHOP BLDG

1	REMOVE EXISTING DOOR AND EXTERIOR DOOR TRIM.
2	REMOVE EXISTING WOOD WINDOWS, TRIM AND EXTERIOR METAL GRATING. SALVAGE METAL GRATING
3	REMOVE EXISTING WOOD TRIM AROUND EXISTING OPENING. EXISTING PLYWOOD INFILL PANEL TO REMAIN.

1 DEMOLITION PLAN

1/8" = 1'-0"



REMODEL GENERAL NOTES - RASP SHOP BLDG:

A. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

REMODEL LEGEND - RASP SHOP BLDG:

SYMBOL INDICATES WINDOW TYPE. SEE SHEET A800 FOR WINDOW FRAME ELEVATIONS.

SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET

REMODEL KEY NOTES - RASP SHOP BLDG

1	PROVIDE NEW 6'-0" HIGH WOOD GATE. SEE SPEC SECTION 32 31 29.
2	PROVIDE NEW WOOD TRIM AND NEW WOOD WINDOW - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER.
3	PROVIDE NEW WOOD TRIM AROUND EXISTING OPENING - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER.
4	SCRAPE, PRIME AND PAINT SALVAGED METAL GRATING AND REINSTALL IN WINDOW OPENING.
5	CUT NEW OPENING INTO EXISTING WOOD SIDING FOR NEW EXHAUST FAN INSTALLATION. ADD NEW 2x6 WOOD FRAMING ON THE INTERIOR SIDE FOR NEW EXHAUST FAN TO BE MOUNTED TO AND EXISTING SIDING TO BE NAILED TO. SEE DETAIL 10A802.
6	PROVIDE NEW WOOD TRIM AND NEW WOOD DOOR - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER.
7	PROVIDE NEW 6'x6" WOOD GATE POST. EMBED IN 14" DIAMETER CONCRETE FOOTING 4'-0" DEEP BELOW GRADE.
8	CANTILEVER FENCE OFF WOOD GATE POST TO CLOSE OFF GAP BETWEEN GATE AND EXISTING BUILDINGS.
9	PROVIDE 4"x12" 4" THICK CONCRETE SLAB FOR CANE BOLTS. DRILL RECEIVING HOLES INTO CONCRETE FOR ROD TO DROP INTO - SEE SPEC SECTION 32 31 29.

2 REMODEL PLAN

1/8" = 1'-0"

DOOR SCHEDULE - RASP SHOP BLDG

MARK	DOOR SIZE W	H	T	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	GLASS TYPE	FRAME TYPE	FRAME DEPTH	FRAME MATERIAL	FRAME FINISH	GLASS TYPE	DETAILS HEAD	JAMB	SILL	FIRE LABEL	HDWR GROUP	SIGNAGE	REMARKS
100.1	3' - 0"	7' - 0"	1 3/4"	DOOR K	WOOD	PAINT	GLT-4	FRAME AA	6"	WOOD	PAINT	---	5A802	4A802	---	---	10	---	1,2,3
100.2	8' - 2"	7' - 6"	1 3/4"	DOOR L	WOOD	PAINT	GLT-4	FRAME AA	6"	WOOD	PAINT	---	5A802	4A802	---	---	11	---	1,2,3

DOOR SCHEDULE GENERAL NOTES

WD = WOOD DOOR

A. SEE SPECIFICATIONS FOR DOOR HARDWARE GROUPS.

B. ALL DOUBLE DOORS TO HAVE TWO EQUAL LEAFS UNLESS NOTED OTHERWISE.

C. ALL WOOD DOORS TO BE PAINTED.

DOOR FRAME GENERAL NOTES

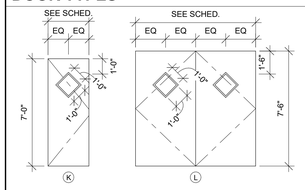
WD = WOOD

A. ALL WD FRAMES SHALL BE PAINTED.

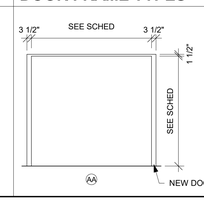
DOOR SCHEDULE REMARKS

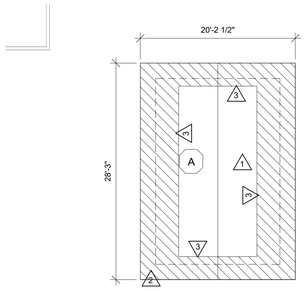
1. INSTALL WIRE MESH GUARD ON INSIDE OF DOORS AT WINDOWS - SEE SPEC SECTION 08 41 01.
2. NEW DOOR TO BE CONSTRUCTED OF 1" HORIZONTAL WOOD BOARD ON THE INTERIOR AND 3/4" VERTICAL WOOD BOARDS ON THE EXTERIOR. A 2'-0"H x DOOR WIDTH 26 GA STANLESS STEEL SHEET METAL SHALL BE INSTALLED AT THE BOTTOM OF THE DOOR BETWEEN THE (2) LAYERS OF WOOD. ROUTE OUT INTERIOR WOOD BOARDS FOR SHEET METAL TO BE INSTALLED FLUSH WITH THE UNROUTERED BOARDS ABOVE. SEE DETAIL 6A802.
3. SEE SPEC SECTION 08 41 01 FOR FABRICATED WOOD DOORS.

DOOR TYPES



DOOR FRAME TYPES





ROOF GENERAL NOTES - RASP SHOP BLDG:

A. ROOF PENETRATIONS FOR DRAINS, VENTS, ETC. SHALL BE COMPLETED AS PER CURRENT SMACNA REQUIREMENTS AND THE ROOF MANUFACTURERS APPROVED DETAILS FOR WARRANTY SATISFACTION. COORDINATE QUANTITY AND LOCATIONS WITH MEP CONTRACTOR. PROVIDE CURBS WHERE REQUIRED.

B. ALL METAL ROOF AND FLASHING, SHALL MEET CURRENT SMACNA REQUIREMENTS AND MANUFACTURER'S SPECIFIED WARRANTY.

C. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

ROOF SYSTEM DESCRIPTIONS - RASP SHOP BLDG:

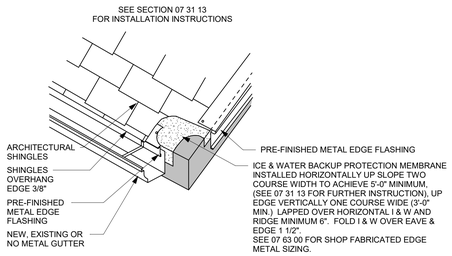
A NEW ASPHALT SHINGLES OVER NEW UNDERLAYMENT OVER EXISTING SHEATHING ON EXISTING WOOD TRUSSES/RAFTERS.

ROOF KEY NOTES - RASP SHOP BLDG

1	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT, AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAIL 4A800.
2	PATCH/REPAIR EXISTING ROOF SHEATHING AND WOOD ROOF RAFTER.
3	AT DIAGONAL HATCHED AREA, PROVIDE ICE AND WATER PROTECTION MEMBRANE.

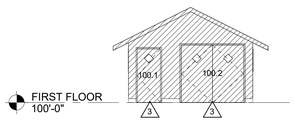
3 ROOF PLAN

1/8" = 1'-0"



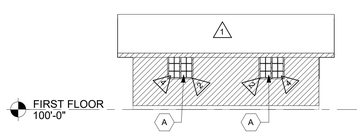
4 EAVE & RAKE FLASHING DETAIL

1 1/2" = 1'-0"



5 EAST ELEVATION

1/8" = 1'-0"



6 NORTH ELEVATION

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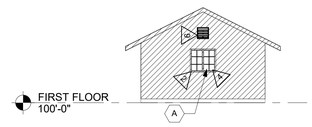

7 WEST ELEVATION

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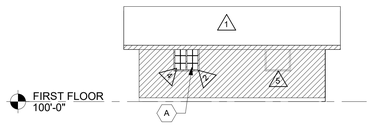


8 SOUTH ELEVATION

1/8" = 1'-0"

ELEVATION GENERAL NOTES - RASP SHOP BLDG:

A. SEE SPECIFICATION FOR MATERIAL TYPE.

B. THERE WERE NO EXISTING DRAWINGS TO SHOW EXISTING CONSTRUCTION FOR ANY TRADE. ALL EXISTING CONDITIONS AND DIMENSIONS WILL NEED TO BE FIELD VERIFIED.

ELEVATION LEGEND - RASP SHOP BLDG:

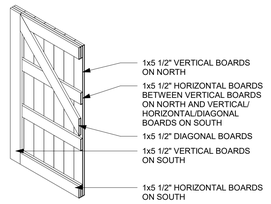
KEYNOTE TAG

WINDOW TAG - SEE SHEET A800 FOR FRAME ELEVATIONS

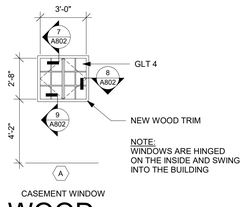
WOOD FINISH

ELEVATION KEY NOTES - RASP SHOP BLDG

1	PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT, AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING. SEE DETAIL 4A800.
2	PROVIDE NEW WOOD TRIM AROUND NEW WOOD WINDOW - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER.
3	PROVIDE NEW WOOD TRIM AROUND NEW WOOD DOOR - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER.
4	SCRAPE, PRIME AND PAINT SALVAGED METAL GRATING AND REINSTALL IN WINDOW OPENING.
5	PROVIDE NEW WOOD TRIM AROUND EXISTING OPENING - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER.
6	CUT NEW OPENING INTO EXISTING WOOD SIDING FOR NEW EXHAUST FAN INSTALLATION. ADD NEW 2x6 WOOD FRAMING ON THE INTERIOR SIDE FOR NEW EXHAUST FAN TO BE MOUNTED TO AND EXISTING SIDING TO BE NAILED TO. SEE DETAIL 10A802.

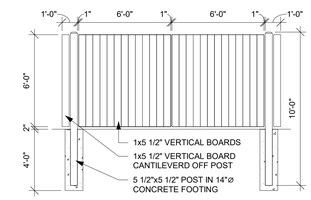


11 WOOD GATE DETAIL



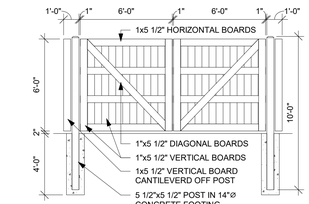
9 WOOD WINDOW ELEVATION

1/4" = 1'-0"



NORTH ELEVATION

NOTE:
SEE SPEC SECTION 32 31 29 FOR MORE GATE/FENCE INFORMATION.



SOUTH ELEVATION

10 WOOD GATE ELEVATIONS

1/4" = 1'-0"

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
RASP SHOP BUILDING PLANS, ELEVATIONS, DOOR SCHEULE, AND DETAILS

Revisions:

No.	Date:	Description:

Graphic Scale	VARIES
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A800

SITE PHOTO KEY NOTES - RASP SHOP BLDG

1	REMOVE EXISTING WOOD DOOR AND TRIM. PROVIDE NEW WOOD DOOR AND TRIM. APPLY SEALANT AROUND PERIMETER.
2	REMOVE EXISTING WOOD WINDOWS, TRIM AND EXTERIOR METAL GRATING. SALVAGE METAL GRATING. INSTALL NEW WOOD WINDOW AND TRIM TO MATCH EXISTING - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER. SCRAPE, PRIME AND PAINT SALVAGED METAL GRATING AND REINSTALL.
3	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT, AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING.
4	PATCH/REPAIR EXISTING ROOF SHEATHING & ROOF RAFTER.
5	CUT NEW OPENING INTO EXISTING WOOD SIDING FOR NEW EXHAUST FAN INSTALLATION. ADD NEW 2x6 WOOD FRAMING ON THE INTERIOR FOR NEW EXHAUST FAN TO BE MOUNTED TO AND EXISTING SIDING TO BE NAILED TO. SEE DETAIL 10A802.
6	PROVIDE NEW 6'-0" HIGH WOOD GATE. SEE SPEC SECTION 32 31 29.

1 SITE PHOTO

2 SITE PHOTO

3 SITE PHOTO

4 SITE PHOTO

5 SITE PHOTO

6 SITE PHOTO

7 SITE PHOTO

8 SITE PHOTO

9 SITE PHOTO

10 SITE PHOTO

11 SITE PHOTO

12 SITE PHOTO

13 SITE PHOTO

14 SITE PHOTO

15 SITE PHOTO

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SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
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Sheet Title:
RASP SHOP BUILDING PLANS SITE PHOTOS

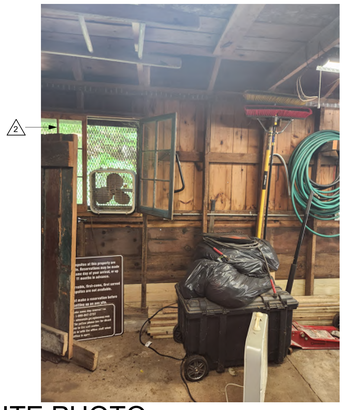
Revisions:

No.	Date:	Description:

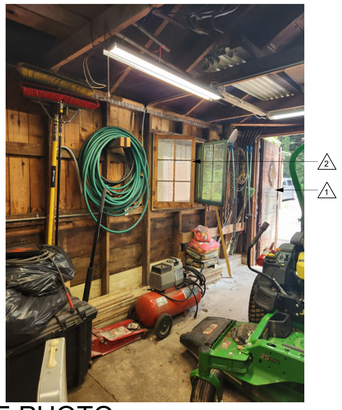
Graphic Scale	NONE
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A801

SITE PHOTO KEY NOTES - RASP SHOP BLDG

1	REMOVE EXISTING WOOD DOOR AND TRIM. PROVIDE NEW WOOD DOOR AND TRIM. APPLY SEALANT AROUND PERIMETER.
2	REMOVE EXISTING WOOD WINDOWS, TRIM AND EXTERIOR METAL GRATING. SALVAGE METAL GRATING. INSTALL NEW WOOD WINDOW AND TRIM TO MATCH EXISTING - PRIME AND PAINT. APPLY SEALANT AROUND PERIMETER. SCRAPE, PRIME AND PAINT SALVAGED METAL GRATING AND REINSTALL.
3	REMOVE EXISTING ASPHALT SHINGLES AND UNDERLAYMENT DOWN TO EXISTING ROOF SHEATHING. INSPECT AND REPAIR EXISTING DECK PER 06 10 53.01. REMOVE EXISTING METAL FLASHINGS. PROVIDE NEW METAL FLASHINGS, UNDERLAYMENT, AND ASPHALT SHINGLES OVER EXISTING ROOF SHEATHING.
4	PATCH/REPAIR EXISTING ROOF SHEATHING & ROOF RAFTER.
5	CUT NEW OPENING INTO EXISTING WOOD SIDING FOR NEW EXHAUST FAN INSTALLATION. ADD NEW 2x6 WOOD FRAMING ON THE INTERIOR FOR NEW EXHAUST FAN TO BE MOUNTED TO AND EXISTING SIDING TO BE NAILED TO. SEE DETAIL 10A802.
6	PROVIDE NEW 6'-0" HIGH WOOD GATE. SEE SPEC SECTION 32 31 29.

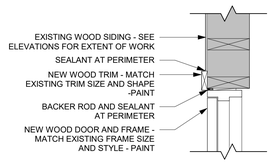


1 SITE PHOTO



2 SITE PHOTO

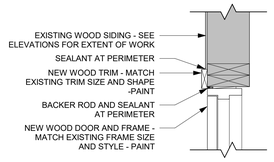
3 SITE PHOTO



4 DOOR JAMB DETAIL

1 1/2" = 1'-0"

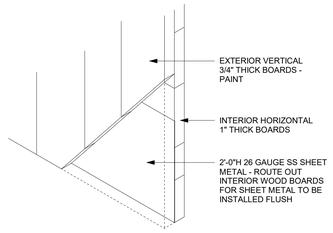
0' 2" 4" 8" 1'



5 DOOR HEAD DETAIL

1 1/2" = 1'-0"

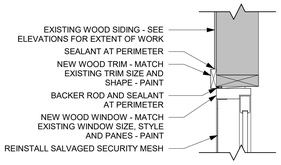
0' 2" 4" 8" 1'



6 DOOR SLAB DETAIL

1 1/2" = 1'-0"

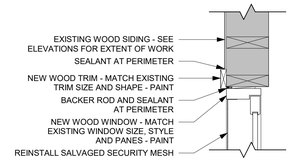
0' 2" 4" 8" 1'



7 WINDOW HEAD DETAIL

1 1/2" = 1'-0"

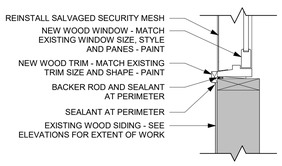
0' 2" 4" 8" 1'



8 WINDOW JAMB DETAIL

1 1/2" = 1'-0"

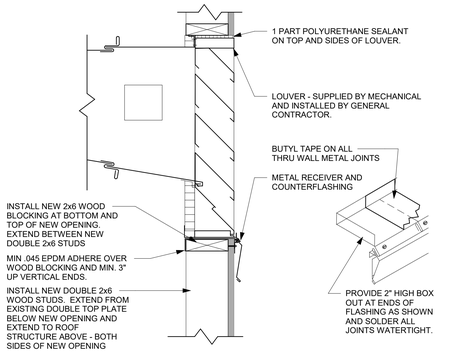
0' 2" 4" 8" 1'



9 WINDOW SILL DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'



10 LOUVER DETAIL

1 1/2" = 1'-0"

0' 2" 4" 8" 1'

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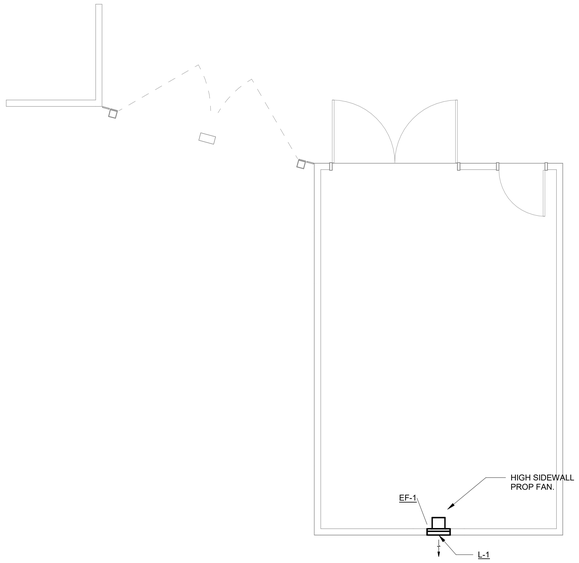
CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
RASP SHOP BUILDING PLANS SITE PHOTOS AND DETAILS

Revisions:

No.	Date:	Description:

Graphic Scale	0' 2" 4" 8" 1'
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	A802



1 M800 FIRST FLOOR PLAN - ROCKY ARBOR SHOP BUILDING

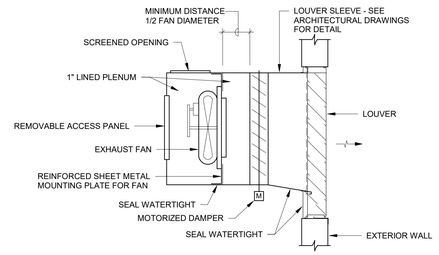
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. ALL WORK TO BE DONE IN COMPLIANCE WITH ALL STATE AND LOCAL CODES AND ALL MANUFACTURER'S INSTRUCTIONS.
2. ALL DUCT INSTALLATION SHALL CONFORM TO ASHRAE AND SMACNA STANDARDS IN REGARDS TO BUT NOT LIMITED TO DUCT GAUGES, TURNING RADIUS, TURNING VANES, ETC, WHETHER OR NOT SHOWN ON DRAWINGS.
3. ALL DUCTWORK AND PIPING SHALL RUN STRAIGHT AND TRUE AND SHALL BE INSTALLED IN A WORKMANLIKE MANNER.
4. ALL DUCTWORK THAT REQUIRES INSULATION SHALL CONFORM WITH ALL APPLICABLE CODES. DIMENSIONS LISTED ARE INSIDE FREE AREA.
5. FLEX DUCT NOT TO EXCEED 5FT IN LENGTH. METAL DUCT TO BE USED FOR RUN-OUTS TO WITHIN 5FT OF DIFFUSER.
6. HVAC CONTRACTOR OR BALANCING AGENT SHALL TEST, ADJUST, CALIBRATE, AND BALANCE THE SYSTEMS AS REQUIRED BY APPLICABLE CODES AND ACCORDANCE WITH NEBB. THE BALANCE REPORT SHALL BE SUBMITTED TO THE ENGINEER, AND ONE COPY RETAINED AT THE JOBSITE.
7. ALL DUCTWORK WHICH OPERATES AT STATIC PRESSURES FROM .25 INCHES TO 2 INCHES WATER COLUMN INCLUSIVE AND IS LOCATED OUTSIDE OF THE CONDITIONED SPACE OR IN RETURN PLENUMS SHALL BE SEALED IN ACCORDANCE WITH SEAL CLASS C AS DEFINED IN THE SMACNA HVAC DUCT LEAKAGE TEST MANUAL.
8. ALL EQUIPMENT IS TO BE PROVIDED COMPLETE WITH OPERATION & MAINTENANCE MANUALS AND SYSTEM SCHEMATICS.
9. ALL HVAC EQUIPMENT TO MEET IRI, AGA, AND UL REQUIREMENTS.
10. ALL LOW-VOLTAGE WIRING BY HVAC CONTRACTOR PER NATIONAL ELECTRIC CODE.
11. HVAC CONTRACTOR TO FIELD VERIFY EXACT LOCATION OF DUCT & PIPE ROUTING AND EQUIPMENT LOCATIONS AND CLEARANCES ON JOB SITE.
12. GAS PIPE SIZING IS BASED UPON SCHEDULE 40 BLACK STEEL.
13. COORDINATE FURNACE DOWNTIME WITH AGENCY AND USERS.
14. FURNACE INTENDED FOR SUPPLEMENTAL COOLING ONLY.

KEYED NOTES

(KEYED NOTES PER PROJECT)



2 M800 WALL EXHAUST FAN

SCALE: 12" = 1'-0"

EXHAUST FAN SCHEDULE

UNIT NO.	EF-1		
LOCATION	SEE PLANS		
MANUFACTURER	GREENHECK		
MODEL NO.	SE1-12-436-VG		
DRIVE TYPE	DIRECT		
FAN TYPE	WALL		
DESIGN CFM	500		
EXT. SP (IN WC)	.1		
FAN WHEEL TYPE	PROP		
FAN DIAMETER	12		
APPROXIMATE FAN RPM	935		
BHP	0.02		
MOTOR HP	1/4		
VOLTS/PHASE	115/1		
DRIVE	DIRECT		
TWO SPEED	NO		
VFD	ECM		
MAX. SONES	3.4		
REMARKS	1 2 3		

REMARKS

1 LISTED MODEL AND MANUFACTURER ARE THE BASIS OF DESIGN.
REFER TO THE SPECIFICATION FOR ALLOWABLE MANUFACTURERS.
2 FURNISH AND INSTALL MANUFACTURERS SPEED CONTROL DIAL
3 MOTORIZED DAMPER BY FAN MANUFACTURER.
4 PROVIDE MANUFACTURER'S WALL MOUNTED ON/OFF SWITCH.

LOUVER SCHEDULE

UNIT NO.	L-1	
MAUFACTURER	RUSKIN	
MODEL NO.	ELF6375DX	
SERVICE	EF-1	
AIRFLOW (CFM)	500	
SIZE (W x H)	18x18	
FREE AREA (FT²)	1	
FREE AREA VELOCITY (FPM)	500	
STATIC PRESSURE (IN WC)	.06	
REMARKS	1	

KEYED NOTES

1 LISTED MODEL AND MANUFACTURER ARE THE BASIS OF DESIGN. REFER TO THE SPECIFICATION FOR ACCEPTABLE MANUFACTURERS.

EXISTING CONDITIONS ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR THE EXISTING CONDITIONS IS COMPLETE OR ERROR FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
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Sheet Title:
RASP SHOP BUILDING – HVAC

Revisions:

No.	Date:	Description:

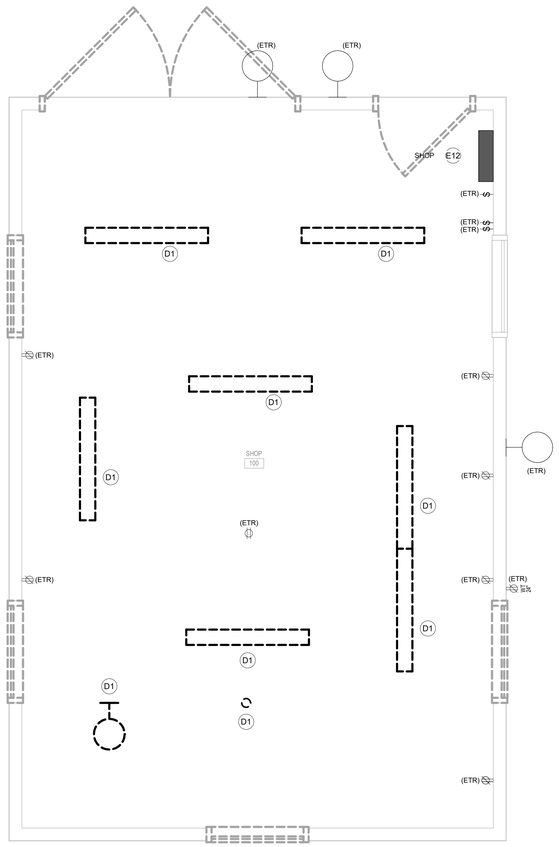
Graphic Scale	0' 2' 4' 8' 12'
DFD Number	24B2B
Set Type	BD
Date Issued	10/07/2025
Sheet Number	M800

DEMOLITION KEYED NOTES

(KEYED NOTES PER PROJECT)

D1 EXISTING EQUIPMENT TO BE REMOVED. DISCONNECT AND REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REFER TO ONE-LINE ON SHEET E202.

E12 EXISTING 240/120V 1-PHASE, 3-WIRE 100A SQUARE D QO SERIES LOAD CENTER "SHOP" TO REMAIN. DISCONNECT LOCATED ON POWER POLE APPROXIMATLY 300' SOUTH.



1 / E800 ROCKY ARBOR SHOP - DEMOLITION

SCALE: 1/2" = 1'-0"

Panelboard: SHOP — DEMO

Location: SHOP #100 | **Voltage:** 240V/120 | **A.I.C. Rating:** 10,000
Supply From: UTILITY | **Phases:** 1 | **Mains Type:** MCB
Mounting: SURFACE | **Wires:** 3 | **Bus Rating:** 100 A
Enclosure: Type 1 | **MCB Rating:** 100 A

MAIN CIRCUIT BREAKER REQUIREMENTS:

GROUND FAULT PROTECTION ____ SHUNT TRIP BREAKER ____ ADJUSTABLE LONG TERM
____ INTEGRAL METER ____ ADJUSTABLE MAGNETIC ____ ADJUSTABLE SHORT TERM
____ SURGE PROTECTION ____ ADJUSTABLE INSTANTANEOUS

CKT	Circuit Description	Note	Trip	Poles	A (kVA)		B (kVA)		Poles	Trip	Note	Circuit Description	CKT
1	NORTH WALL		20 A	1	0	0			1	20 A		UNLABELED	2
3	WOOD SHED		20 A	1			0	--	1	--		[SPACE]	4
5	[SPACE]		--	1	--	--			1	--		[SPACE]	6
7	[SPACE]		--	1			--	--	1	--		[SPACE]	8
9	[SPACE]		--	1	--	--			1	--		[SPACE]	10
11	[SPACE]		--	1			--	--	1	--		[SPACE]	12
13	[SPACE]		--	1	--	--			1	--		[SPACE]	14
15	[SPACE]		--	1			--	--	1	--		[SPACE]	16
17	[SPACE]		--	1	--	--			1	--		[SPACE]	18
19	[SPACE]		--	1			--	--	1	--		[SPACE]	20
				Total Load:	0 kVA		0 kVA						
				Total Amps:	0 A		0 A						

FEEDER BREAKER NOTES:

(G) GROUND FAULT PROTECTION (LN) BREAKER LOCK IN ON POSITION
(M) INTEGRAL METER (LF) BREAKER LOCK IN OFF POSITION
(S) SURGE PROTECTION (AF) ARC FAULT PROTECTION
(ST) SHUNT TRIP BREAKER (G/AF) COMBINATION GFCI/AFCI

ADJUSTABLE TRIP SETTINGS:

(IT) INSTANTANEOUS SETTING
(LT) LONG TERM SETTING
(ST) SHORT TERM SETTING
(MT) MAGNETIC ADJUSTABLE

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
				Total Conn. Load: 0 kVA
				Total Est. Demand: 0 kVA
				Total Conn.: 0 A
				Total Est. Demand: 0 A

Notes:

Panelboard: SHOP — NEW

Location: SHOP #100 | **Voltage:** 240V/120 | **A.I.C. Rating:** 10,000
Supply From: UTILITY | **Phases:** 1 | **Mains Type:** MCB
Mounting: SURFACE | **Wires:** 3 | **Bus Rating:** 100 A
Enclosure: Type 1 | **MCB Rating:** 100 A

MAIN CIRCUIT BREAKER REQUIREMENTS:

GROUND FAULT PROTECTION ____ SHUNT TRIP BREAKER ____ ADJUSTABLE LONG TERM
____ INTEGRAL METER ____ ADJUSTABLE MAGNETIC ____ ADJUSTABLE SHORT TERM
____ SURGE PROTECTION ____ ADJUSTABLE INSTANTANEOUS

CKT	Circuit Description	Note	Trip	Poles	A (kVA)		B (kVA)		Poles	Trip	Note	Circuit Description	CKT
1	NORTH WALL		20 A	1	0	0			1	20 A		UNLABELED	2
3	WOOD SHED		20 A	1			0	0.36	1	20 A		RECEPTACLES - WEST WALL	4
5	WLD-1 - WELDER		50 A	2	3.84	0.03			1	20 A		EXTERIOR LIGHTING	6
7							3.84	0.07	1	20 A		EXTERIOR LIGHT POLE	8
9	EF-1 - EXHAUST FAN		20 A	2	0.43	--			1	--		[SPACE]	10
11							0.43	--	1	--		[SPACE]	12
13	[SPACE]		--	1	--	--			1	--		[SPACE]	14
15	[SPACE]		--	1			--	--	1	--		[SPACE]	16
17	[SPACE]		--	1	--	--			1	--		[SPACE]	18
19	[SPACE]		--	1			--	--	1	--		[SPACE]	20
				Total Load:	4.3 kVA		4.7 kVA						
				Total Amps:	36 A		39 A						

FEEDER BREAKER NOTES:

(G) GROUND FAULT PROTECTION (LN) BREAKER LOCK IN ON POSITION
(M) INTEGRAL METER (LF) BREAKER LOCK IN OFF POSITION
(S) SURGE PROTECTION (AF) ARC FAULT PROTECTION
(ST) SHUNT TRIP BREAKER (G/AF) COMBINATION GFCI/AFCI

ADJUSTABLE TRIP SETTINGS:

(IT) INSTANTANEOUS SETTING
(LT) LONG TERM SETTING
(ST) SHORT TERM SETTING
(MT) MAGNETIC ADJUSTABLE

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Motor	864 VA	125.00%	1080 VA	
Other	7710 VA	125.00%	9638 VA	**Total Conn. Load:** 9 kVA
Receptacle	360 VA	100.00%	360 VA	**Total Est. Demand:** 11 kVA
Lighting	72 VA	125.00%	90 VA	**Total Conn.:** 38 A
				Total Est. Demand: 47 A

Notes: TOTAL ESTIMATED DEMAND SHOW ONLY NEW LOADS ONLY.

DEMOLITION GENERAL NOTES:

- REFER TO SHEET E000 FOR ALL SYMBOLS, ABBREVIATIONS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION-1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
- ALL DARK DASHED LINES APPROXIMATELY INDICATE EXISTING DEVICES TO BE DISCONNECTED AND REMOVED, UNLESS INDICATED OTHERWISE. REMOVE ANY/ALL UNUSED BOXES, WIRING AND CONDUIT BACK TO SOURCE. ALL PROPERLY SIZED AND PROPERLY SUPPORTED CONDUIT ONLY MAY BE REUSED.
- ALL SOLID LIGHT LINES INDICATE EXISTING DEVICES/EQUIPMENT TO REMAIN IN SERVICE, UNLESS NOTED OTHERWISE.
- ANY/ALL BOXES, CONDUIT, WIRING AND CABLING THAT IS DISCONNECTED AS PART OF THIS PROJECT SHALL BE REMOVED BACK TO SOURCE AND AVAILABLE COMPONENTS SHALL BE RELABELED AS 'SPARE' UNLESS NOTED OTHERWISE.
- EXISTING PROJECT CONDITIONS: INFORMATION PERTAINING TO EXISTING PROJECT CONDITIONS, SUCH AS PRESENT LOCATIONS OF ARCHITECTURAL AND STRUCTURAL BUILDING COMPONENTS, MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, ROUGH-INS AND OTHER MISCELLANEOUS CONSTRUCTION, APPEARS ON THE DRAWINGS. WHILE SUCH INFORMATION HAS BEEN BASED ON AVAILABLE RECORDS AND COLLECTED WITH REASONABLE CARE, THE ARCHITECT AND ENGINEER DO NOT ASSUME ANY EXPRESSED OR IMPLIED GUARANTEE THAT CONDITIONS SO INDICATED ARE SHOWN ENTIRELY COMPLETE, CORRECT AND REPRESENTATIVE OF THOSE ACTUALLY EXISTING. ALL CONTRACTORS SHALL SATISFY THEMSELVES AS TO ALL EXISTING JOB CONDITIONS PRIOR TO BIDDING, AND VERIFY ALL DIMENSIONS AT THE SITE.
- ELECTRICAL CONTRACTOR TO DE-ENERGIZE ANY/ALL EQUIPMENT DESIGNATED FOR DEMOLITION PRIOR TO REMOVAL BY OTHERS.
- WHERE EXISTING PANELS ARE BEING REUSED, PROVIDE NEW BREAKER(S) IN EXISTING PANEL(S) TO FEED ANY/ALL NEW LOADS SHOWN ON THE PLANS.
- REFER TO PHASING PLAN FOR MAINTAINING, DE-ENERGIZING, AND ENERGIZING EQUIPMENT.
- ALL EXISTING ELECTRICAL EQUIPMENT NOTED WITH A SUBSCRIPT "(ETR)" SHALL BE PROPERLY PROTECTED AGAINST DAMAGE DURING THE PERIOD OF THIS RENOVATION.
- WHERE MATERIALS ARE TO BE TURNED OVER TO OWNER OR REUSED AND INSTALLED BY CONTRACTOR, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN CONDITION OF MATERIALS AND EQUIPMENT AT NO ADDITIONAL COST TO OWNER.
- EQUIPMENT LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.

EXISTING CONDITIONS ARE BASED ON THE BEST INFORMATION AVAILABLE. THERE IS NO ASSERTION THAT INFORMATION SHOWN FOR THE EXISTING CONDITIONS IS COMPLETE OR ERROR-FREE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE BEFORE BIDDING TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PERFORM THE WORK REQUIRED TO ACHIEVE THE DESIGN INTENT DESCRIBED ON ALL THE CONTRACT DOCUMENTS.

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title: RASP SHOP BUILDING DEMOLITION PLANS - ELECTRICAL

Revisions:

No.	Date:	Description:

Graphic Scale: 0' 6" 1' 2' 3'

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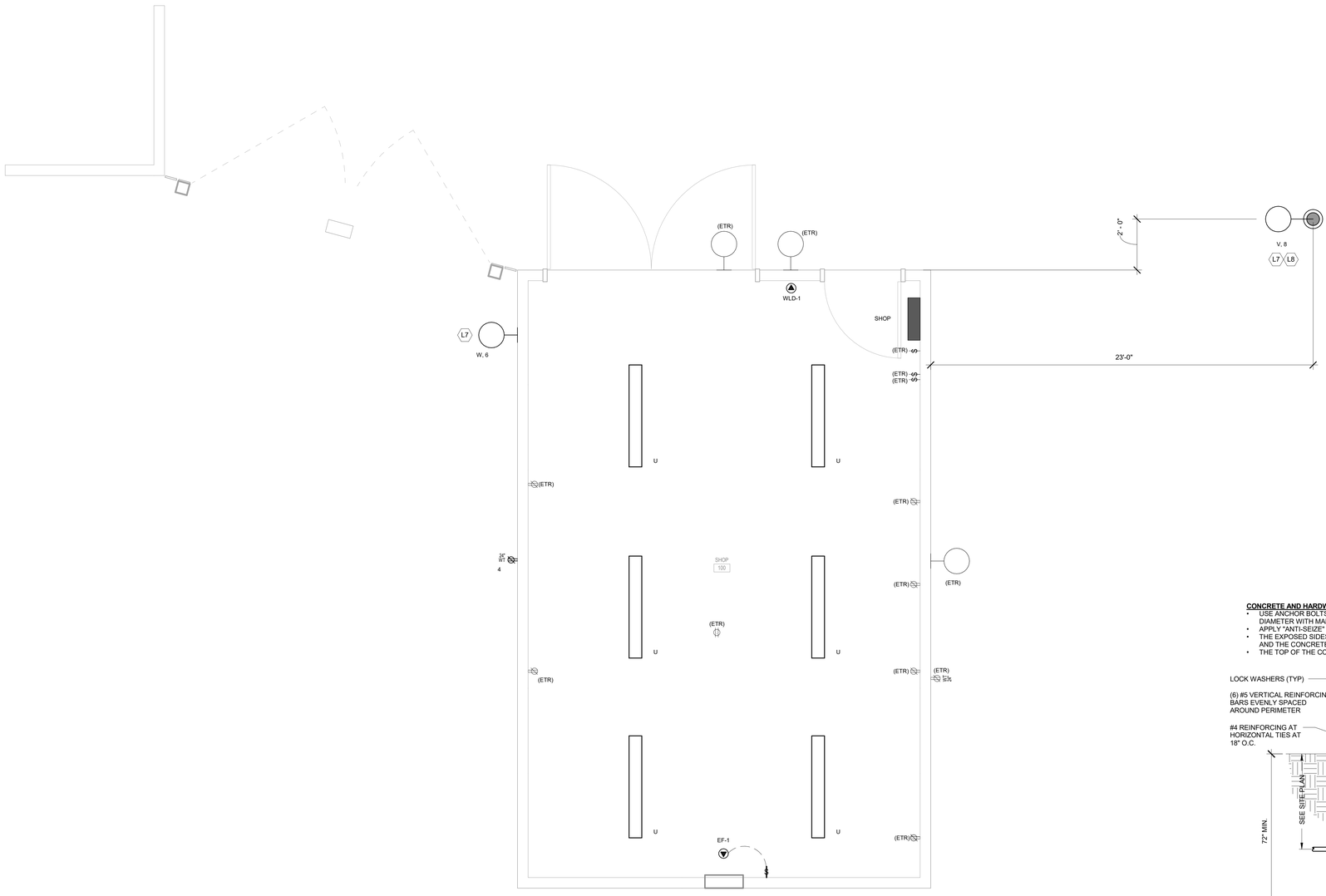


1 ROCKY ARBOR SHOP – ELECTRICAL
E801 SCALE: 1/2" = 1'-0"

ROCKY ARBOR SHOP LUMINAIRE SCHEDULE

TAG	DESCRIPTION	DEPTH / HEIGHT	MOUNTING	NORMAL OPERATION LUMENS	NORMAL OPERATION WATTS	EMERGENCY OPERATION LUMENS	EMERGENCY OPERATION WATTS	EMERGENCY OPERATION TYPE	VOLTAGE	COLOR TEMP. (K)	C.R.I. (Min)	DIMMING	INTEGRATED OPTIONS CONTROL	INTEGRATED OPTIONS SENSOR	REFLECTOR	FINISH	MANUFACTURER	MODEL SERIES	FOOTNOTES
U	1' x 4' FIXTURE		SURFACE	6,000	51	0	0		120-277	4000	80	NONE	-	-	DR		METALUX	4VT2	1
V	POLE MOUNTED FIXTURE		POLE	6,993	72	0	0		120-277	4000	80	NONE	MS/DIM-L20		T4W W/HSS	BZ	LUMARK	PRV-P-PA1-A	2
W	EXTERIOR SCONCE FIXTURE		SURFACE	3,719	30	0	0		120-277	4000	70	0-10V 10%	-	-			HALO	WXP	3

EMERGENCY OPERATION TYPES
(1) INTEGRAL BATTERY 7W
(2) INTEGRAL BATTERY (2) 7W
(3) INTEGRAL BATTERY 10W
(4) INTEGRAL BATTERY (2) 10W
(5) INTEGRAL BATTERY 15W
(6) INTEGRAL BATTERY 700 LUMEN
(7) INTEGRAL BATTERY 1400 LUMEN
(8) BATTERY WITH SELF-DIAGNOSTICS
(9) UL924 TRANSFER DEVICE (EXTERNAL OR INTERNAL)
(10) INTEGRAL GENERATOR TRANSFER DEVICE

INTEGRATED CONTROL TYPES
(1) ROCKER
(2) WIRED - CAT 6
(3) WIRELESS

INTEGRATED SENSOR TYPES
(1) PASSIVE INFRARED
(2) ULTRASONIC
(3) DUAL TECHNOLOGY (PIR+ULTRASONIC)
(4) DIMMING PHOTOCELL

GENERAL NOTES:

FOOT NOTES:
1. EQUALS BY:
   A. DAY-BRITE: V2W SERIES
   B. COLUMBIA: LXEM4 SERIES
2. EQUALS BY:
   A. LITHONIA LIGHTING: D-SERIES
   B. HOLOPHANE: SSA SERIES
3. EQUALS BY:
   A. LITHONIA LIGHTING: TWR2 SERIES
   B. HOLOPHANE: WCNG SERIES

ELECTRICAL CONNECTION SCHEDULE

TAG	DESCRIPTION	LOCATION NO	LOCATION NAME	LOAD kVA	LOAD F.L.A.	LOAD M.C.A.	LOAD VOLT	LOAD PH	CIRCUITING INFORMATION OCP (Amps)	CIRCUITING INFORMATION WIRE SIZE & CONDUIT	CIRCUITING INFORMATION PANEL	CIRCUITING INFORMATION CIRCUIT #	STARTER TYPE	STARTER FURNISHED / INSTALLED	CONTROLLER TYPE	CONTROLLER FURNISHED / INSTALLED	DISCONNECT TYPE	DISCONNECT FURNISHED / INSTALLED	ACCESSORIES	NEMA TYPE/CONFIGURATION	POWER SOURCE TYPE NORMAL	POWER SOURCE TYPE LIFE SAFETY	POWER SOURCE TYPE LEGALLY REQUIRED	POWER SOURCE TYPE OPTIONAL STAND-BY	FOOT NOTES
WLD-1	WELDER RECEPTACLE	100	SHOP	8	32	40	240	1	50	2#6,#10G-3/4"C	SHOP	5,7	-	-	-	-	PLG	EC	-	-	•				
EF-1	EXHAUST FAN	100	SHOP	1	4	5	240	1	15	2#12,#12G-3/4"C	SHOP	9,11	MAN	EC	0/0	EC	NFS	EC	-	-	•				(1)

STARTER TYPES:
2-SPD TWO SPEED
CS COMBINATION STARTER
ECM ECM CONTROLLER
MAN MANUAL SWITCH
FVNR FULL VOLTAGE NON-REVERSING
FVR FULL VOLTAGE REVERSING
RVS REDUCED VOLTAGE
SS SOFT STARTER
VFD VARIABLE FREQUENCY DRIVE

CONTROL DEVICES:
0/0 ON-OFF SELECTOR SWITCH
BAS BUILDING AUTOMATION SYSTEM
CT CONTACTOR
ECP EQUIPMENT CONTROL PANEL
HOA HAND-OFF-AUTO SWITCH
PICS PROCESS CONTROL SYSTEM
S/S STOP-START PUSHBUTTONS
TC TEMPERATURE CONTROLS
TS TEMPERATURE SENSOR

DISCONNECT TYPES:
CB CIRCUIT BREAKER
CF COMBINATION FUSED
CN COMBINATION NON-FUSED
FS FUSED SWITCH
IU INTEGRAL WITH UNIT
MCP MOTOR CIRCUIT PROTECTOR
NFS NON-FUSED SWITCH

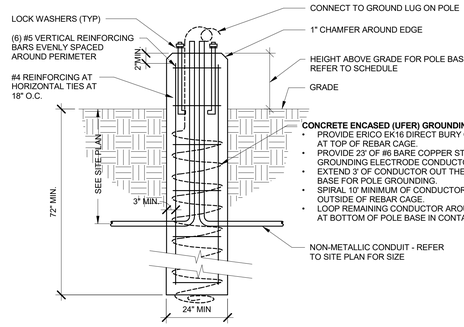
ACCESSORIES:
AC AUXILLIARY CONTACTS
GP GREEN (POWER) PILOT LIGHT
RAG RED, AMBER & GREEN PILOT LIGHTS
RG RED & GREEN PILOT LIGHTS

ABBREVIATIONS:
EC ELECTRICAL CONTRACTOR
GC GENERAL CONTRACTOR
MC MECHANICAL CONTRACTOR
MF MANUFACTURER
TC TEMPERATURE CONTROL
OT OTHER CONTRACTOR
OWN OWNER
PICS PROCESS INTEGRATED CONTROL SYSTEM

GENERAL NOTES:
- ALL CONDUCTORS ARE COPPER. ALUMINIUM CONDUCTORS WILL HAVE A NOTATION OF (AL) NEXT TO WIRE SIZE.

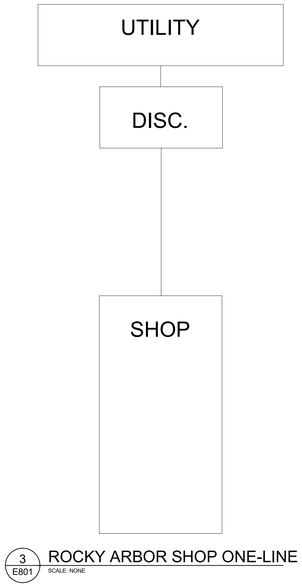
FOOT NOTES:
(1) - ECM MOTOR.
(2) - INTERLOCK MOTOR WITH OCCUPANCY SENSOR.

CONCRETE AND HARDWARE NOTES:
- USE ANCHOR BOLTS FURNISHED BY POLE MANUFACTURER. VERIFY BOLT CIRCLE DIAMETER WITH MANUFACTURER.
- APPLY "ANTI-SEIZE" LUBRICANT TO ALL ANCHOR BOLT THREADS.
- THE EXPOSED SIDES OF THE CONCRETE BASE SHALL HAVE THE FORMS REMOVED AND THE CONCRETE RUBBED OUT TO A SMOOTH FINISH.
- THE TOP OF THE CONCRETE BASE SHALL HAVE A BRUSH FINISH.



CONCRETE ENCASED (UFER) GROUNDING SYSTEM NOTES:
- PROVIDE ERICO EK16 DIRECT BURY CLAMP (OR EQUAL) AT TOP OF REBAR CAGE.
- PROVIDE 23' OF #6 BARE COPPER STRANDED GROUNDING ELECTRODE CONDUCTOR.
- EXTEND 3' OF CONDUCTOR OUT THE TOP OF POLE BASE FOR POLE GROUNDING.
- SPIRAL 10' MINIMUM OF CONDUCTOR AROUND OUTSIDE OF REBAR CAGE.
- LOOP REMAINING CONDUCTOR AROUND REBAR CAGE AT BOTTOM OF POLE BASE IN CONTACT WITH EARTH.

2 POLE BASE DETAIL
E801 SCALE: NONE



3 ROCKY ARBOR SHOP ONE-LINE
E801 SCALE: NONE

ELECTRICAL GENERAL NOTES:

- EXISTING PROJECT CONDITIONS: INFORMATION PERTAINING TO EXISTING PROJECT CONDITIONS, SUCH AS PRESENT LOCATIONS OF ARCHITECTURAL AND STRUCTURAL BUILDING COMPONENTS, MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, ROUGH-INS AND OTHER MISCELLANEOUS CONSTRUCTION, APPEARS ON THE DRAWINGS. WHILE SUCH INFORMATION HAS BEEN BASED ON AVAILABLE RECORDS AND COLLECTED WITH REASONABLE CARE, THE ARCHITECT AND ENGINEER DO NOT ASSUME ANY EXPRESSED OR IMPLIED GUARANTEE THAT CONDITIONS SO INDICATED ARE SHOWN ENTIRELY COMPLETE, CORRECT AND REPRESENTATIVE OF THOSE ACTUALLY EXISTING. ALL CONTRACTORS SHALL SATISFY THEMSELVES AS TO ALL EXISTING JOB CONDITIONS PRIOR TO BIDDING, AND VERIFY ALL DIMENSIONS AT THE SITE.
- REFER TO SHEETS E000 FOR ALL SYMBOLS AND ABBREVIATIONS.
- THE CONTRACTOR MAY INSTALL UP TO THREE (3) CURRENT CARRYING CONDUCTORS IN A CONDUIT. LOADINGS ARE BASED ON THWN INSULATION, 40°C AMBIENT WITH DERATINGS FOR TEMPERATURE AND UP TO THREE (3) CONDUCTORS IN A CONDUIT. CONTACT THE ENGINEER FOR WIRING IN OTHER CONDITIONS.
- VERIFY ALL MOUNTING HEIGHTS OF DEVICES ABOVE MILLWORK WITH ARCHITECTURAL PLANS.
- REFER TO ARCHITECTURAL PLANS, SECTIONS, ELEVATIONS, AND REFLECTED CEILING PLANS FOR EXACT LOCATION AND COORDINATION OF ALL LIGHT FIXTURE INSTALLATIONS.
- REFER TO TEMPORARY ELECTRICAL WORK SECTION IN DIVISION 1 GENERAL REQUIREMENTS OF PROJECT MANUAL FOR ALL TEMPORARY ELECTRICAL REQUIREMENTS.
- ALL SOLID LIGHT LINES INDICATE EXISTING DEVICES/EQUIPMENT TO REMAIN IN SERVICE, UNLESS NOTED OTHERWISE.
- WHERE EXISTING PANELS ARE BEING REUSED, PROVIDE NEW BREAKER(S) IN EXISTING PANEL(S) TO FEED ANY/ALL NEW LOADS SHOWN ON THE PLANS.
- REFER TO SECTION 26 05 19 FOR SPECIFIC WIRING REQUIREMENTS. NOTE THAT HIGH AMBIENT SPACES, MECHANICAL ROOMS, UTILITY ROOMS, AND EXTERIOR EXPOSED CONDUIT SHALL BE 90 DEGREE C, XHHW-2 CONDUCTORS.
- REFER TO PHASING PLAN FOR MAINTAINING, DE-ENERGIZING, AND ENERGIZING EQUIPMENT.
- ALL WIRING WITHIN THE BUILDING SHALL BE CONCEALED EXCEPT IN UNFINISHED SPACES.
- ALL GFCI RECEPTACLES ON THIS PROJECT SHALL BE WEATHER RESISTANT (WR) RATED.
- POWER CONDUCTORS SHALL BE SIZED PER THE NEC AMPACITY TABLES (ARTICLE 310), INCLUDING ADJUSTMENT FACTOR AND NEUTRAL CONDUCTOR REQUIREMENTS (FEED AND BRANCH NEUTRAL CONDUCTORS MUST BE COUNTED AS CURRENT CARRYING CONDUCTORS). RUN SEPARATE NEUTRAL CONDUCTORS FOR ALL LIGHTING CIRCUITS.
- ALL LIGHT FIXTURES SHALL BE PROVIDED WITH QUICK-CONNECT DISCONNECTING MEANS AND A 6" (MAXIMUM) FIXTURE WHIP FOR FUTURE MAINTENANCE PURPOSES.
- WIRING SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC) AND APPLICABLE LOCAL CODES, INCLUDING PROVISION OF EQUIPMENT GROUNDING AS REQUIRED BY THE NEC.
- IN HIGH AMBIENT SPACES, MECHANICAL ROOMS, UTILITY ROOMS, AND EXTERIOR EXPOSED CONDUIT, 90 DEGREE C, XHHW-2 CONDUCTORS SHALL BE UTILIZED.
- ALL DUPLEX RECEPTACLES SHALL BE HEAVY DUTY SPECIFICATION GRADE, 20 AMP RATED.
- CIRCUITING INDICATES GROUPING ONLY. CONFIRM ALL EXISTING WIRING AND CIRCUITING.

KEYED NOTES
(KEYED NOTES PER PROJECT)

L7 PROVIDE INTEGRAL PHOTOCELL IN FIXTURE.
L8 PROVIDE A COOPER SERIES #SSA-4-X-20-W OR EQUAL ALUMINUM 20' SQUARE POLE TO MOUNT NEW FIXTURE. MOUNT FIXTURE AS HIGH AS POSSIBLE.

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CENTRAL DNR FACILITIES BUILDING IMPROVEMENTS
SAUK, COLUMBIA & JUNEAU COUNTIES
DEPARTMENT OF NATURAL RESOURCES
STATEWIDE, WISCONSIN

Sheet Title:
RASP SHOP BUILDING NEW WORK PLANS - ELECTRICAL

Revisions:

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