

# McFarland Park Facility Projects

Village of McFarland  
McFarland, WI

## Construction Documents June 5, 2020



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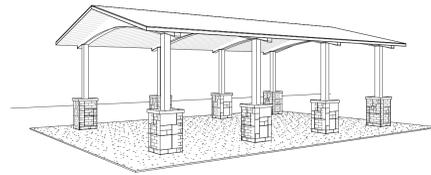
**Sheboygan**  
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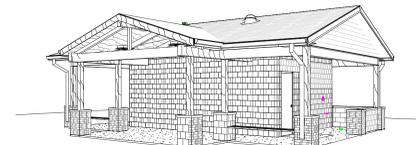
Pavilion Addition

Scale:



Open Air Park Shelter

Scale:



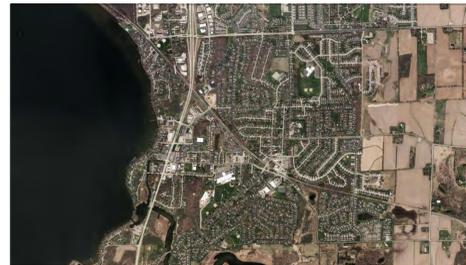
Toilet/Dog Wash Shelter

Scale:

Pavilion Addition and Open Air Park Shelter  
McDaniel Park  
4806 McDaniel Lane  
McFarland, WI

Toilet/Dog Wash Shelter  
6300 Elvehjem Road  
McFarland, WI

CONCEPTUAL RENDERING - NOT FOR CONSTRUCTION



REGIONAL MAP



LOCAL MAP

### Consultants

Civil/Landscape

**Town & Country Engineering, Inc.**  
2912 Marketplace Drive, Suite 103  
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Structural

**Ambrose Engineering, Inc.**  
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Cedarburg, WI 53012  
Phone: (262) 377-7602

HVAC

**Fredericksen Engineering**  
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Plumbing

**Muermann Engineering, a Division of MSA**  
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Jackson, WI 53037  
Phone: (262) 677-4588

Electrical

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Project Title:  
**McFarland Park Facility Projects**  
Village of McFarland  
McFarland, WI

REVISIONS:  
DATE DESCRIPTION

Project Number:  
**3491**

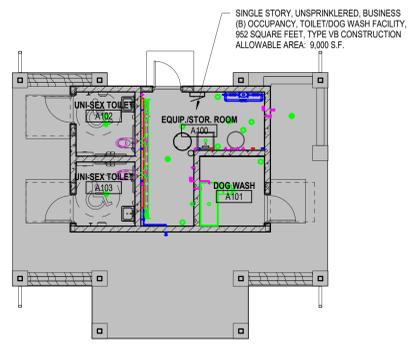
Issued For:  
**Construction Documents**  
Issued to Bid 06/05/2020

Sheet Title:  
**Cover Sheet**

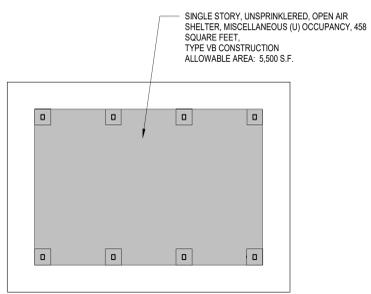
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E

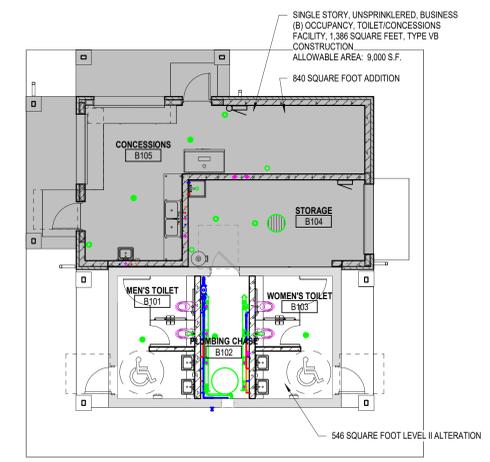
D



Overall Toilet/Dog Wash Shelter Plan  
Scale: 1/8" = 1'-0"



Overall Open Park Shelter Plan  
Scale: 1/8" = 1'-0"

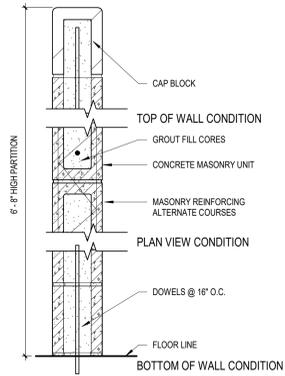


Overall Pavilion Addition Plan  
Scale: 1/8" = 1'-0"

C

B

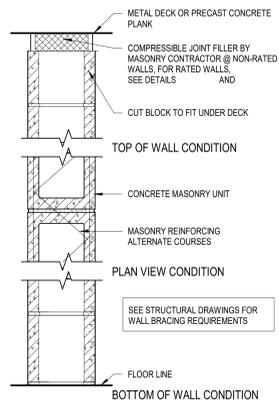
A



# INDICATES NOMINAL DIMENSION OF CMU  
 F6 = 6" CMU = 5 5/8" ACTUAL  
 F8 = 8" CMU = 7 5/8" ACTUAL

### WALL TYPE F#

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

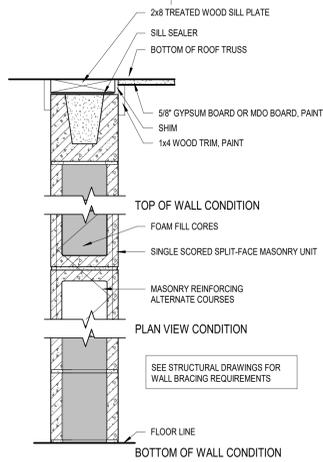


U.L. DESIGN NO.: U905 (AT RATED WALLS)  
 \*5" SUFFIX INDICATES WALLS TO HAVE SOLID GROUT FILLED CORES  
 2 1/2" MIN. EQUIV. THICKNESS @ 1 HR. WALLS  
 4 1/2" MIN. EQUIV. THICKNESS @ 2 HR. WALLS

# INDICATES NOMINAL DIMENSION OF CMU  
 G4 = 4" CMU = 3 5/8" ACTUAL  
 G6 = 6" CMU = 5 5/8" ACTUAL  
 G8 = 8" CMU = 7 5/8" ACTUAL  
 G12 = 12" CMU = 11 5/8" ACTUAL

### WALL TYPE G#

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

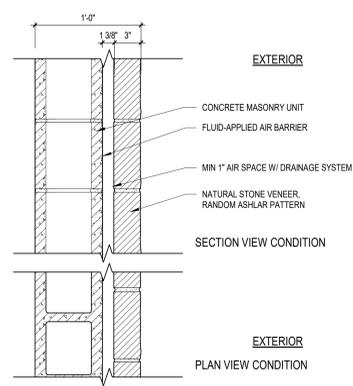


\*5" SUFFIX INDICATES WALLS TO HAVE SOLID GROUT FILLED CORES

# INDICATES NOMINAL DIMENSION OF RFCMU  
 H4 = 4" RFCMU = 3 5/8" ACTUAL  
 H6 = 6" RFCMU = 5 5/8" ACTUAL  
 H8 = 8" RFCMU = 7 5/8" ACTUAL

### WALL TYPE H#

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



# INDICATES NOMINAL DIMENSION OF CMU  
 X8B = 8" CMU = 12" OVERALL WALL DEPTH

### WALL TYPE X#S

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

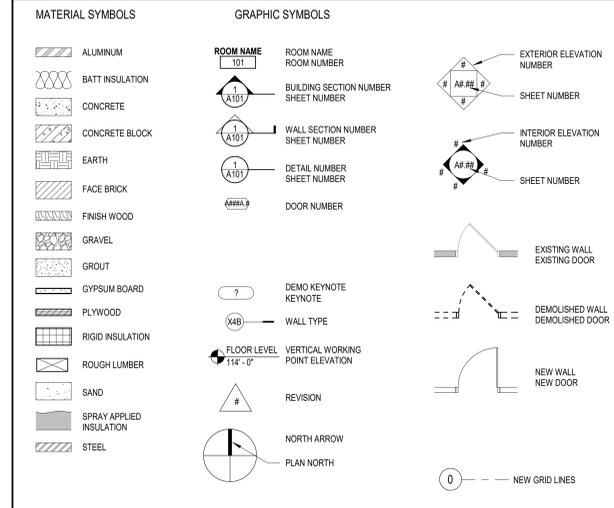
### GENERAL NOTES

- DO NOT SCALE FROM DRAWINGS.
- EXISTING CONDITIONS: EXISTING CONDITIONS SHOWN ON DRAWINGS REPRESENT CURRENT BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW. WORK DONE WITHOUT RESOLUTION OF DISCREPANCIES MUST BE REDONE AT THE REQUEST OF THE ARCHITECT AT NO ADDITIONAL COST TO THE CONTRACT.
- REFER TO SHEET G0.2 FOR WALL TYPES.
- REFER TO SHEET G0.2 FOR TYPICAL MOUNTING HEIGHTS. REFER TO INTERIOR ELEVATION SHEET FOR ROOM SPECIFIC FIXTURE MOUNTING HEIGHTS.
- REFER TO SHEET A8.0 FOR FLOOR TRANSITION DETAILS.
- REFER TO SHEET A8.0 FOR TYPICAL FLOORBASE CONDITIONS.
- CMU WALLS ARE DIMENSIONED TO FACE OF WALL.
- HOUSEKEEPING PADS BY GENERAL CONTRACTOR. SEE PLUMBING DRAWINGS FOR LOCATIONS.
- PITCH ALL CONCRETE STOOPS AND APRONS 1/4" PER FOOT AWAY FROM BUILDING.
- SLOPE ALL INTERIOR FLOOR SLABS TO DRAINS, MINIMUM 1/4" PER FOOT.

### PROJECT KEYNOTE LEGEND

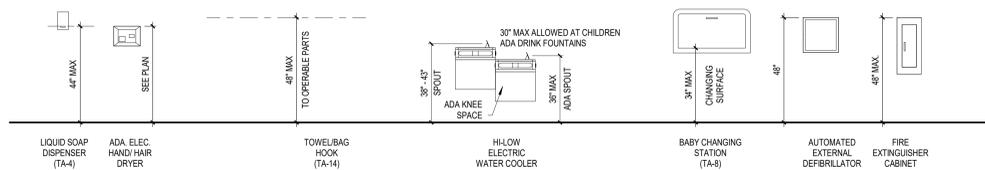
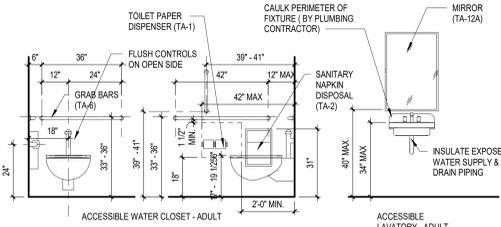
EPT-1	EPOXY PAINT
FRP-1	FIBER REINFORCED PANEL
PT-4	PAINT
RES-1	RESINOUS FLOOR
SSV-1	WOOD STAIN - SEE INTERIOR FINISH LEGEND
TA-1	TOILET PAPER DISPENSER - FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
TA-4	LIQUID SOAP DISPENSER - FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
TA-5	ELECTRIC HAND DRYER - FURNISHED BY ELEC. CONTRACTOR, INSTALLED BY ELEC. CONTRACTOR
TA-6	42", 36", 18"V GRAB BAR SET - FURNISHED BY CONTRACTOR, INSTALLED BY CONTRACTOR
TA-8	BABY CHANGING STATION - FURNISHED BY CONTRACTOR, INSTALLED BY CONTRACTOR
TA-12	MIRROR - SEE INTERIOR ELEVATION FOR SIZE - FURNISHED BY CONTRACTOR, INSTALLED BY CONTRACTOR
TA-14	ROBE HOOK - FURNISHED BY CONTRACTOR, INSTALLED BY CONTRACTOR

### SYMBOL LEGEND



### TYPICAL ABBREVIATIONS LIST

@	AIR CONDITIONING
AVC	ADJUSTIBLE
ADJ	ADJUSTIBLE
AFF	ABOVE FINISH FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
APPROX	APPROXIMATE
ARCH	ARCHITECT(UAL)
AT	ACOUSTICAL TILE
AVG	AVERAGE
AWP	ACOUSTICAL WALL PANEL
BCJ	BRICK CONTROL JOINT
BLDG	BUILDING
BOT	BOTTOM
BRG	BEARING
CAB	CABINET
CG	CORNER GUARD
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONT	CONTINUOUS
CPT	CARPET
CT	CERAMIC TILE
DEMO	DEMOLITION/DEMOLISH
DEPT	DEPARTMENT
DF	DRINK FOUNTAIN
DIA	DIAMETER
DN	DOWN
DS	DOWNSPOUT
DWG	DRAWING
EFS	EXTERIOR FINISH SYSTEM
EIF	EXTERIOR INSULATION FINISH SYSTEM
EJ	ELECTRICAL JOINT
ELEC	ELECTRICAL
EPT	EPOXY PAINT
EX	EXISTING
FAB	FABRIC
FB	FACE BRICK
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FIN	FINISH
FL	FLOOR
FOM	FACE OF MASONRY
FOW	FACE OF WALL
FP	FIREPROOF(ING)
FV	FIELD VERIFY
GALV	GALVANIZED
GYP	GYP SUM
GYP BD	GYP SUM BOARD
HGT	HEIGHT
HM	HOLLOW METAL
HUR	HOUR
HVAC	HEATING/VENTILATION & AIR CONDITIONING
INFO	INFORMATION
JC	JANITOR CLOSET
LAB	LABORATORY
LAM	LAMINATE(S) (ION)
LOC	LOCATION
MAX	MAXIMUM
MEZZ	MEZZANINE
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTD	MOUNTED
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
OC	OVERHEAD
OH	OVERHEAD
PLAM	PLASTIC LAMINATE
PLMB	PLUMBING
PRFAB	PRE-FABRICATED
PROJ	PROJECTION(OR)
PT	PAINT
QT	QUARRY TILE
R	RISER
RB	RUBBER BASE
RCB	RUBBER COVE BASE
RCP	REFLECTED CEILING PLAIN
RD	ROOF DRAIN
REINF	REINFORCING
RECTD	REQUIRED
RM	ROOM
ROW	RIGHT OF WAY
RUB	RUBBER
RSN	SANITARY
SCHED	SCHEDULE
SHT	SHEET(ING)
SHV	SHELF(F) (ING)
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STOR	STORAGE
STRUCT	STRUCTURE(IAL)
SYS	SYSTEM
T&G	TONGUE & GROOVE
TI	TOP OF
TEMP	TEMPERATURE, TEMPORARY, TEMPERED
TERR	TERRAZZO
TR	TREAD
TRTD	TREATED
TS	TACK SURFACE
TT	TERRAZZO TILE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VB	VINYL BASE
VCT	VINYL COMPOSITE TILE
WI	WITH
WD	WOOD
WDB	WOOD WALL BASE
WP	WEATHERPROOF
YD	YARD
YR	YEAR



NOT ALL ELEMENTS ARE SPECIFIC TO THIS PROJECT

### TYPICAL MOUNTING HEIGHTS

Scale: 3/8" = 1'-0"



#### Office Locations

##### Davenport

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www.brayarch.com

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**McFarland Park Facility Projects**  
**Village of McFarland**  
**McFarland, WI**

#### REVISIONS:

#	DATE	DESCRIPTION
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Project Number:

**3491**

Issued For:

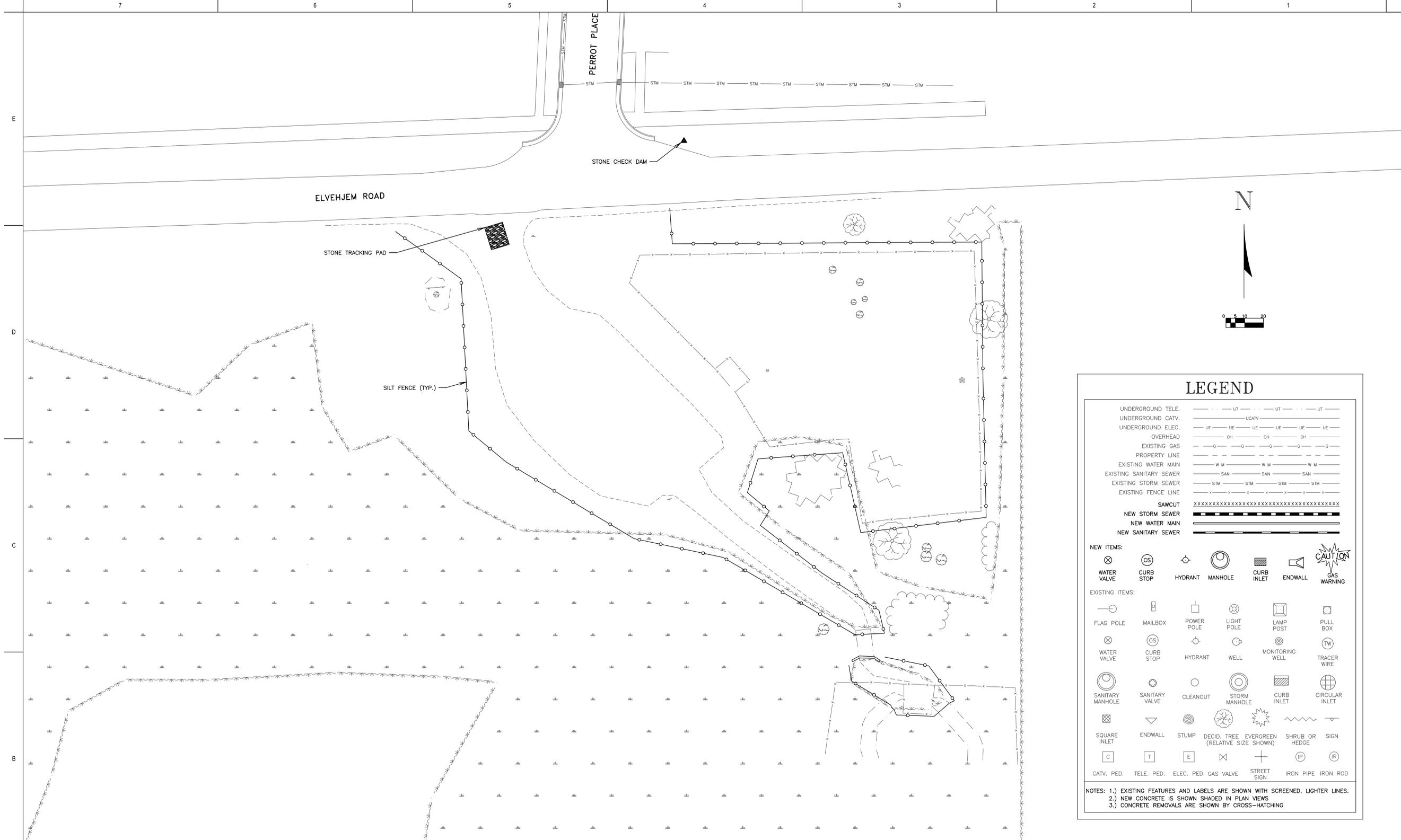
**Construction Documents**

Issued to Bid 06/05/2020

Sheet Title:  
**Wall Types, Abbreviations, Symbols, Mounting Heights, General Notes**

Sheet Number:

**G0.2**



### LEGEND

UNDERGROUND TELE. (UT)	--- UT --- UT --- UT ---
UNDERGROUND CATH. (UCATV)	--- UCATV ---
UNDERGROUND ELEC. (UE)	--- UE --- UE --- UE --- UE ---
OVERHEAD (OH)	--- OH --- OH --- OH ---
EXISTING GAS (G)	--- G --- G --- G --- G ---
EXISTING WATER MAIN (W M)	--- W M --- W M --- W M ---
EXISTING SANITARY SEWER (SAN)	--- SAN --- SAN --- SAN ---
EXISTING STORM SEWER (STM)	--- STM --- STM --- STM --- STM ---
EXISTING FENCE LINE	--- X --- X --- X --- X ---
SAWCUT	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
NEW WATER MAIN	=====
NEW SANITARY SEWER	=====

**NEW ITEMS:**

⊗ WATER VALVE	⊙ CURB STOP	⊙ HYDRANT	⊙ MANHOLE	▨ CURB INLET	▨ ENDWALL	⚠ GAS WARNING
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**EXISTING ITEMS:**

⊖ FLAG POLE	⊖ MAILBOX	⊖ POWER POLE	⊖ LIGHT POLE	⊖ LAMP POST	⊖ PULL BOX	
⊗ WATER VALVE	⊙ CURB STOP	⊙ HYDRANT	⊙ WELL	⊙ MONITORING WELL	⊙ TRACER WIRE	
⊙ SANITARY MANHOLE	⊙ SANITARY VALVE	⊙ CLEANOUT	⊙ STORM MANHOLE	▨ CURB INLET	⊙ CIRCULAR INLET	
▨ SQUARE INLET	▨ ENDWALL	⊙ STUMP	⊙ DECID. TREE (RELATIVE SIZE SHOWN)	⊙ EVERGREEN (RELATIVE SIZE SHOWN)	⊙ SHRUB OR HEDGE	⊙ SIGN
⊖ CATV. PED.	⊖ TELE. PED.	⊖ ELEC. PED.	⊖ GAS VALVE	⊖ STREET SIGN	⊖ IRON PIPE	⊖ IRON ROD

**NOTES:**  
 1.) EXISTING FEATURES AND LABELS ARE SHOWN WITH SCREENED, LIGHTER LINES.  
 2.) NEW CONCRETE IS SHOWN SHADED IN PLAN VIEWS.  
 3.) CONCRETE REMOVALS ARE SHOWN BY CROSS-HATCHING

**EROSION CONTROL NOTES:**

- CONSTRUCT A STONE CHECK DAM IN GUTTER LINE AT ALL LOCATIONS MARKED WITH "▲"
- SURFACE FLOW DIRECTION IS INDICATED WITH
- SILT FENCE INSTALLATION IS INDICATED WITH
- POST WDNR CERTIFICATE OF PERMIT COVERAGE ON SITE AND MAINTAIN UNTIL CONSTRUCTION ACTIVITIES HAVE CEASED, THE SITE IS STABILIZED, AND A NOTICE OF TERMINATION IS FILED WITH WDNR.
- KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
- THE CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. KEEP INSPECTION REPORTS ON-SITE AND MAKE THEM AVAILABLE UPON REQUEST.
- INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- WHEN POSSIBLE: PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS), MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND PRESERVE TOPSOIL.
- REFER TO THE WDNR STORMWATER CONSTRUCTION STANDARDS AT [http://dnr.wi.gov/topic/stormwater/standards/const\\_standards.html](http://dnr.wi.gov/topic/stormwater/standards/const_standards.html).
- INSTALL PERIMETER EROSION CONTROLS AND ROCK TRACKING PAD CONSTRUCTION ENTRANCE(S) PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING. USE WDNR TECHNICAL STANDARD STONE TRACKING PAD AND TIRE WASHING #1057 FOR ROCK CONSTRUCTION ENTRANCE(S).
- STAGE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMULATIVE EXPOSED AREA. CONDUCT TEMPORARY GRADING FOR EROSION CONTROL PER WDNR TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067.
- NOTIFY THE OWNER IF DEWATERING IS SCHEDULED TO OCCUR IN AREAS OF SOIL AND/OR GROUNDWATER CONTAMINATION, OR IF DEWATERING WILL OCCUR FROM A HIGH CAPACITY WELL (70 GPM OR MORE). DEWATER ONLY AFTER THE APPROPRIATE WDNR DEWATERING DISCHARGE PERMIT HAS BEEN OBTAINED.
- PROVIDE ANTI-SCOUR PROTECTION AND MAINTAIN NON-EROSIVE FLOW DURING DEWATERING. LIMIT PUMPING RATES TO EITHER (A) THE SEDIMENT BASIN/TRAP DESIGN DISCHARGE RATE, OR (B) THE BASIN DESIGN RELEASE RATE WITH THE CORRECTLY-FITTED HOSE AND GEOTEXTILE FILTER BAG. PERFORM DEWATERING OF ACCUMULATED SURFACE RUNOFF IN ACCORDANCE WITH WDNR TECHNICAL STANDARD DE-WATERING #1061.
- COMPLETE AND STABILIZE SEDIMENT BASINS/TRAPS OR WET PONDS PRIOR TO MASS LAND DISTURBANCE TO CONTROL RUNOFF DURING CONSTRUCTION. REMOVE SEDIMENT AS NEEDED TO MAINTAIN 3 FEET OF DEPTH TO THE OUTLET, AND PROPERLY DISPOSE OF SEDIMENT REMOVED DURING MAINTENANCE (REFER TO NR 528). CONSTRUCT AND MAINTAIN THE SEDIMENT BASIN PER WDNR TECHNICAL STANDARD SEDIMENT BASIN #1064 AND SEDIMENT TRAP #1063.
- CONSTRUCT AND PROTECT THE BIOFILTRATION BASIN AND VEGETATION FROM RUNOFF AND SEDIMENT DURING CONSTRUCTION. REFERENCE THE WDNR TECHNICAL STANDARD BIORETENTION FOR INFILTRATION #1004.
- INSTALL AND MAINTAIN SILT FENCING PER WDNR TECHNICAL STANDARD SILT FENCE #1056. REMOVE SEDIMENT FROM BEHIND SILT FENCES AND SEDIMENT BARRIERS BEFORE SEDIMENT REACHES A DEPTH THAT IS EQUAL TO ONE-HALF OF THE FENCE AND/OR BARRIER HEIGHT.
- REPAIR BREAKS AND GAPS IN SILT FENCES AND BARRIERS IMMEDIATELY. REPLACE DECOMPOSING STRAW BALES (TYPICAL BALE LIFE IS 3 MONTHS). LOCATE, INSTALL, AND MAINTAIN STRAW BALES PER WDNR TECHNICAL STANDARD DITCH CHECKS #1062.
- INSTALL AND MAINTAIN FILTER SOCKS IN ACCORDANCE WITH WDNR TECHNICAL STANDARD INTERIM MANUFACTURED PERIMETER CONTROL AND SLOPE INTERRUPTION PRODUCTS #1071.
- IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
- IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE. OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
- STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.
- SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY THE OWNER. SEPARATE SWEEP MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER WDNR TECHNICAL STANDARD DUST CONTROL ON CONSTRUCTION SITES #1068.
- PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
- COORDINATE WITH THE OWNER TO UPDATE THE LAND DISTURBANCE PERMIT TO INDICATE THE ANTICIPATED OR LIKELY DISPOSAL LOCATIONS FOR ANY EXCAVATED SOILS OR CONSTRUCTION DEBRIS THAT WILL BE HAULED OFF-SITE FOR DISPOSAL. THE DEPOSITED OR STOCKPILED MATERIAL NEEDS TO INCLUDE PERIMETER SEDIMENT CONTROL MEASURES (SUCH AS SILT FENCE, HAY BALES, FILTER SOCKS, OR COMPACTED EARTHEN BERMS).
- INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES (SUCH AS TEMPORARY SEDIMENT BASINS, DITCH CHECKS, EROSION CONTROL MATTING, SILT FENCING, FILTER SOCKS, WATTLES, SWALES, ETC.), OR AS DIRECTED BY THE OWNER.

6/4/2020 9:03:30 AM J:\08\BASIN\EROSION\175-AG-2020 Dog Park Parking Lot and Restroom Site\Drawings\MC 175 BASE.dwg



**Office Locations:**  
**Davenport**  
 220 Emerson Place, Suite 301  
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**tc TOWN & COUNTRY ENGINEERING, INC.**

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**McFarland Park Facility Projects  
 Village of McFarland  
 McFarland, WI**

REVISIONS:  
 Δ DATE DESCRIPTION

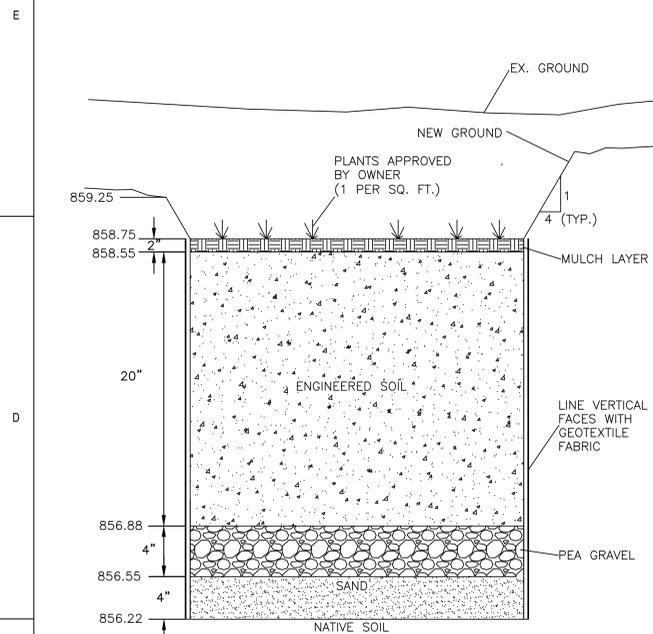
Δ	DATE	DESCRIPTION

Project Number:  
**3491**

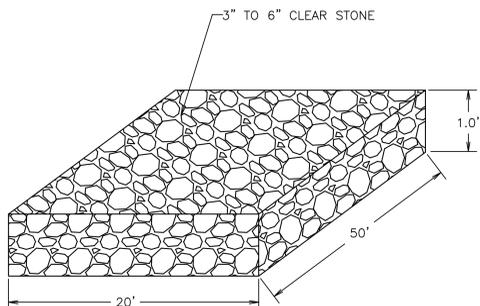
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**Construction Documents**  
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Sheet Title:  
**Erosion Control Plan & Notes**

Sheet Number:  
**C1.0**

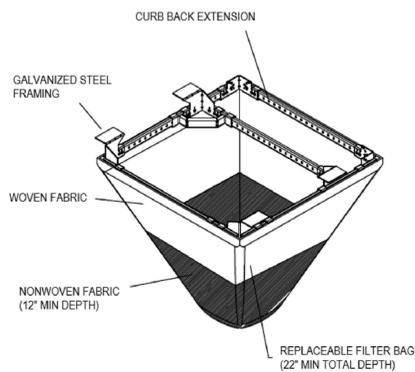


DETAIL BIO-RETENTION AREA



NOTE:  
 - ON STREET SURFACES CRUSHED AGGREGATE BASE STONE SERVES AS TRACKING PAD.

DETAIL CLEAR STONE TRACKING PAD

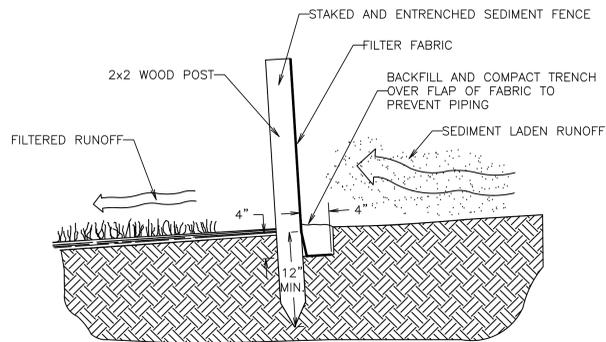


GENERAL NOTES:

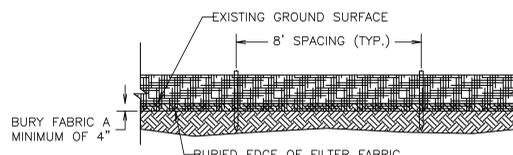
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

FRAMED INLET PROTECTION SHALL BE COMPLIANT WITH ALL ASTM STANDARD D8057-17 REQUIREMENTS, INCLUDING:  
 A. BYPASS OVERFLOW THAT MEETS OR EXCEEDS INLET DESIGN FLOW  
 B. FRAME AND BAG STRONG ENOUGH TO HANDLE FULL SEDIMENT LOAD.

DETAIL INLET PROTECTION - FRAMED (W/ CURB BOX)



CROSS-SECTION OF A PROPERLY INSTALLED SEDIMENT FENCE



SEDIMENT FENCE DETAIL

DETAIL SEDIMENT FENCE



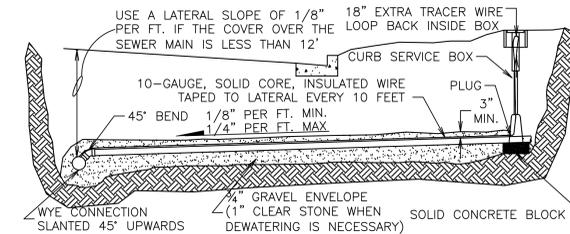
INSTALLATION NOTES:

NO PART OF INLET PROTECTION SHALL BE PROJECTING ABOVE THE GRATE.

FOR COMBINATION INLETS, PROTECTION SHALL CAPTURE RUNOFF ENTERING BOTH GRATE AND CURB OPENING.

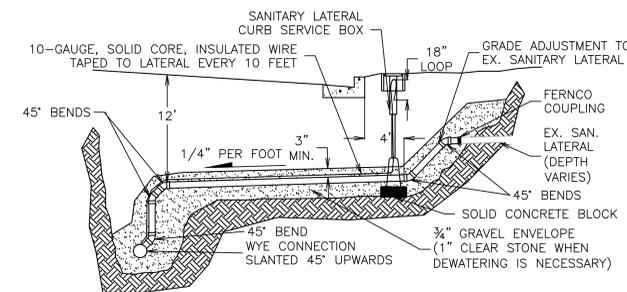
A DUAL FABRIC FILTER BAG, WITH NON-WOVEN BOTTOM AND WOVEN TOP SHALL BE USED.

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



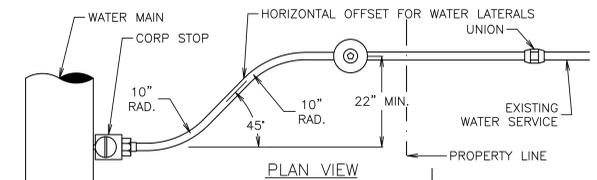
STANDARD INSTALLATION

- NOTES:
1. CONSTRUCT LATERALS IN CONFORMANCE WITH CHAPTER SPS 382 OF THE WISCONSIN ADMINISTRATIVE CODE.
  2. LATERAL SLOPE SHALL BE 1/4" PER FOOT WHERE SUFFICIENT COVER EXISTS.
  3. CONTRACTOR SHALL VERIFY SIZE, DEPTH, AND LOCATION OF EXISTING LATERALS.
  4. WHERE LATERALS ARE NOT IMMEDIATELY CONNECTED TO BUILDING SEWERS THE ENDS OF THE LATERALS SHALL BE MARKED BY POSITIONING 4"x4" BOARDS VERTICALLY FROM THE ENDS OF THE LATERALS TO AT LEAST 2' ABOVE THE GROUND SURFACE.
  5. THE LOCATION OF ALL SEWER LATERALS CROSSING UNDER THE CURB & GUTTER SHALL BE MARKED BY STAMPING AN "S" IN THE TOP OF THE CURB OVER THE LOCATION OF THE SEWER LATERAL.

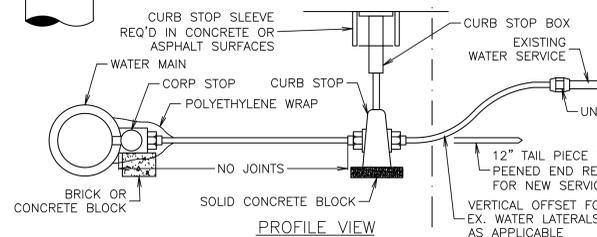


INSTALLATION WITH VERTICAL RISER

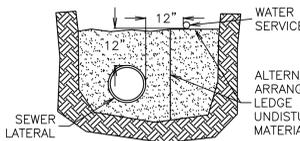
DETAIL SANITARY SEWER LATERAL



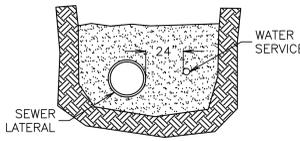
PLAN VIEW



PROFILE VIEW



JOINT TRENCH INSTALLATION



JOINT TRENCH INSTALLATION W/ LESS THAN 12" VERTICAL SEPARATION

DETAIL WATER SERVICE INSTALLATION

NOTES:  
 - HORIZONTAL AND VERTICAL OFFSETS SHALL BE MADE WITH AN APPROVED PIPE BENDING TOOL. SHARP BENDS OR KINKS IN THE WATER SERVICE ARE NOT ALLOWED.  
 - VERTICAL OFFSETS SHALL BE MADE ON THE PROPERTY LINE SIDE OF THE CURB STOP.  
 - PLASTIC OR CAST IRON CURB BOX SLEEVES SHALL BE INSTALLED WHERE CURB BOXES ARE INSTALLED IN CONCRETE OR ASPHALT SURFACES.  
 - THE SEWER LATERAL SHALL BE LOCATED ON THE DOWNSTREAM SIDE OF THE WATER SERVICE, BASED ON SEWER MAIN FLOW DIRECTION.  
 - THE LOCATION OF ALL WATER SERVICES CROSSING UNDER THE CURB & GUTTER SHALL BE MARKED BY STAMPING A "W" IN THE TOP OF CURB OVER THE LOCATION OF THE WATER SERVICE LINE.

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Project Title:  
**McFarland Park Facility Projects**  
**Village of McFarland**  
**McFarland, WI**

REVISIONS:

DATE	DESCRIPTION

Project Number:  
**3491**

Issued For:  
**Construction Documents**

Issued to Bid 06/05/2020

Sheet Title:  
**Standard Construction Details - Erosion Control**

Sheet Number:

**C1.1**



TEMPORARY BENCHMARK TABLE		
TBM	ELEV.	DESCRIPTION
400	861.52	X IN CONC. NE CORNER OF INTERSECTION
401	862.49	PK NAIL ON N SIDE OF ELVEHJEM ROAD

TBM 401

ELVEHJEM ROAD

PERROT PLACE

EX. POWER POLE (TYP.)

19 PARKING STALLS

NORTH DOG AREA GRADING PHASE II (APPROX. 10,550 SQ. FT.)

NORTH DOG AREA GRADING PHASE I (APPROX. 7,800 SQ. FT.)

- NOTES**
- WHITE EPOXY PAINT FOR PARKING LOT PAVING MARKINGS.
  - EAST HALF OF PARKING LOT IS REJECT CURB & GUTTER.
  - CONTRACTOR TO GRADE PHASE I AND HAVE RESTORATION ESTABLISHED BEFORE GRADING PHASE II OF DOG PARK.
  - CONTRACTOR TO ENGAGE 3RD PARTY ENGINEER/SOILS PROFESSIONAL TO PERFORM SITE EVALUATION AT BIO-RETENTION AREA AS SPECIFIED IN WDMR CONSERVATION PRACTICE STANDARD 1002 BEFORE BEGINNING CONSTRUCTION AND PROVIDE RESULTS TO OWNER TO CONFIRM STORMWATER MANAGEMENT DESIGN PARAMETERS.
  - ASPHALT PARKING LOT PAVEMENT PLACEMENT OF SINGLE LIFT OF 4 LT TYPE 58-28S, 3" THICKNESS.
  - ASPHALT PATH PAVEMENT PLACEMENT OF SINGLE LIFT OF 4 LT TYPE 58-28S, 2" THICKNESS.

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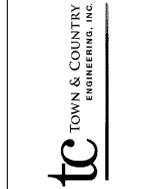
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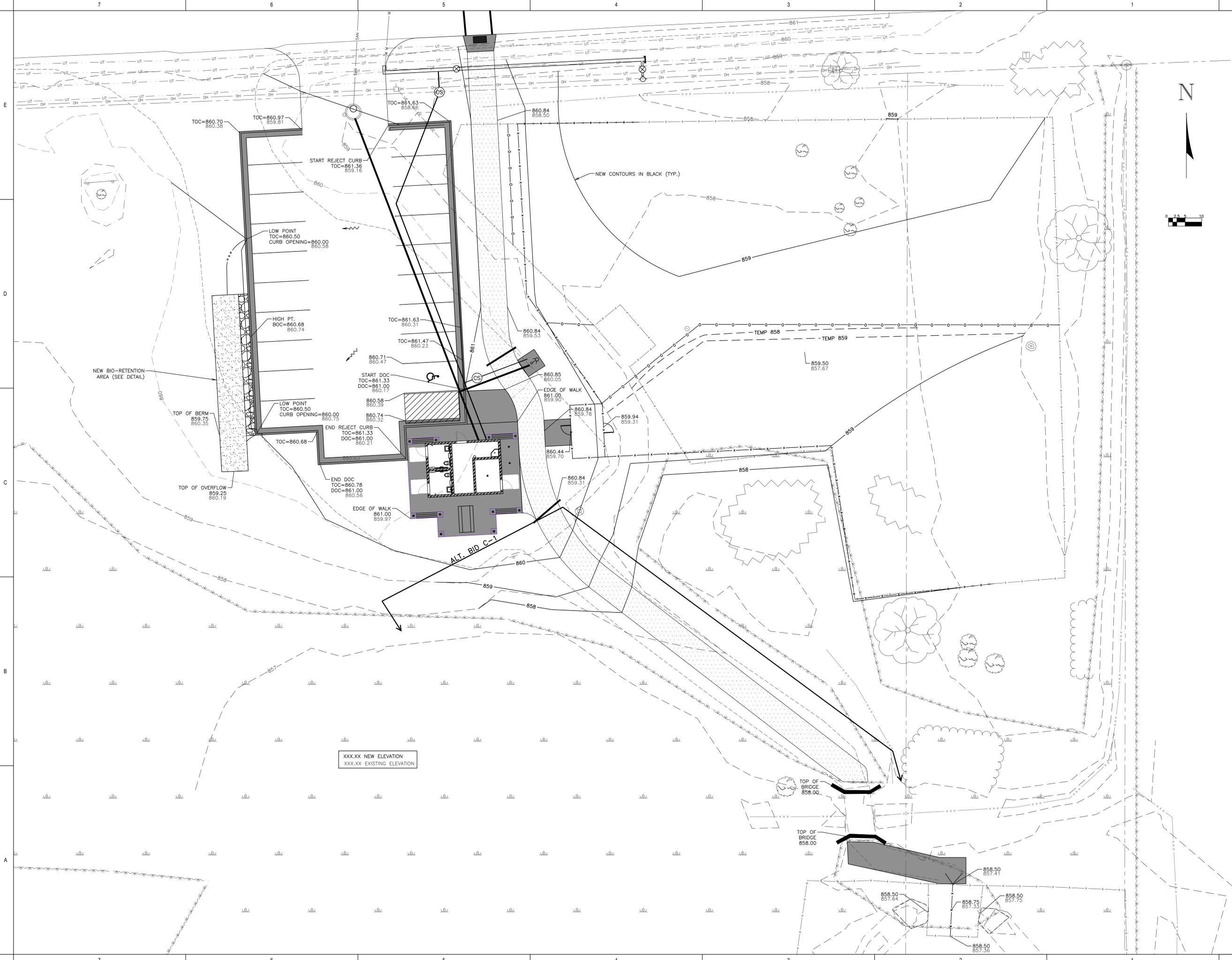
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**3491**

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Sheet Title:  
**Dog Park Site & Utility Layout Plan**

Sheet Number:  
**C1.2**

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XXX.XX NEW ELEVATION  
 XXX.XX EXISTING ELEVATION



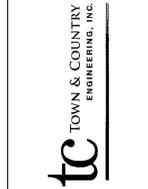
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Project Number:  
**3491**

Issued For:  
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Sheet Title:  
**Dog Park Grading Plan**

Sheet Number:  
**C1.3**





GENERAL NOTES

Table with 2 columns: Item and Description. Includes sections for GENERAL, DESIGN CRITERIA, SOIL BEARING CAPACITY, and various material specifications.

Table with 2 columns: Item and Description. Includes sections for REINFORCEMENT, CONCRETE, MASONRY, and various material specifications.

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Project Title: McFarland Park Facility Projects Village of McFarland McFarland, WI

REVISIONS: DATE DESCRIPTION

Project Number: 3491

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Issued to: 6/6/2020

Sheet Title: GENERAL NOTES AND ABBREVIATIONS

Sheet Number: S0.1

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SHEET INDEX table with columns: Item, Description, and Item.

ABBREVIATIONS table with columns: Abbreviation and Description.

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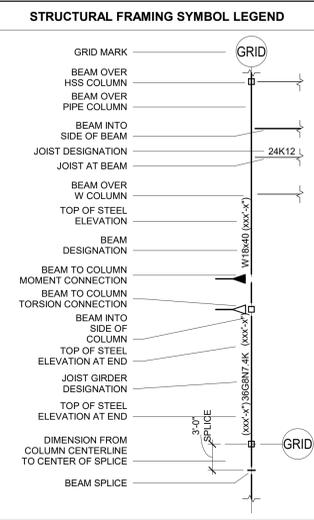
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STEEL LINTEL SCHEDULE				
MARK	TYPE	SIZE	PLATE	GUSSETS
L-01	A	W8x10	PL1/4x7	-----
L-02	B	W8x10	PL5/16x11	1/4" @ 32" o/c
L-03	B	W8x18	PL5/16x11	1/4" @ 32" o/c

• SEE SHEET S5.1 FOR TYP LINTEL SECTIONS AND DETAILS



- WOOD TRUSS FRAMING NOTES**
- RD-01: 5/8" PLYWOOD ROOF SHEATHING
  - RD-02: 3" NOMINAL WOOD DECK SIMPLE SPAN LAYOUT
  - TB xxx'-x" INDICATES TRUSS BEARING ELEVATIONS
  - FRAME ALL HVAC ROOF OPENINGS w/ 2x4
  - TRUSSES SHALL BE DESIGNED FOR THE LOADS INDICATED IN GENERAL NOTE 1.1.3 AND ANY ADDITIONAL LOADS, INCLUDING DRIFTING SNOW LOADS, SHOWN ON THIS PLAN.
  - TEMPORARY TRUSS BRACING SHALL BE PROVIDED BY THE GENERAL CONTRACTOR TO RESIST WIND AND ERECTION LOADS, UNTIL PERMANENT BRACING IS INSTALLED.
  - TEMPORARY BRACING SHALL BE SELECTED BY OTHERS BUT SHALL NOT BE LESS THAN 2x4 @ 6'-0" OC AT TOP CHORDS, 8'-0" OC AT BOTTOM CHORDS AND 20'-0" OC AT WEB MEMBERS.
  - IN ADDITION TO ROOF SHEATHING AND OTHER PERMANENT BRACING AS INDICATED ON DRAWINGS, PROVIDE HORIZONTAL/DIAGONAL WEB MEMBER BRACING AS SPECIFIED BY THE TRUSS DESIGNER.
  - TRUSSES SUPPORTING PIGGYBACK TRUSSES OR OTHER OVER FRAMING SHALL HAVE THE TOP CHORDS BRACED WITH 2x4 @ 24" o/c UNO. PROVIDE ADDITIONAL TOP CHORD BRACING AS SPECIFIED BY THE TRUSS DESIGNER. CONNECT BRACING TO THE ROOF SHEATHING OR END WALLS.
  - ROOF TRUSS DESIGN LOADS
 

TOP CHORD DL	15 PSF
BOTTOM CHORD DL	10 PSF
BALANCED SNOW LOAD	25.2 PSF
UNBALANCED SNOW LOAD	
- 

- EXISTING CONDITIONS NOTE**
- ALL EXISTING CONDITIONS TO BE FIELD MEASURED AND FIELD VERIFIED PRIOR TO FABRICATION OR CONSTRUCTION. IN CASE OF DISCREPANCY BETWEEN PLANS & FIELD CONDITIONS NOTIFY ARCHITECT. DO NOT PROCEED UNTIL THE CONDITIONS ARE RESOLVED.
  - SEE ARCHITECTURAL DRAWINGS FOR DEMOLITION INFORMATION NOT SHOWN ON THIS DRAWING.
  - SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN ON THIS DRAWING.
  - CONTRACTORS ARE RESPONSIBLE FOR CORRECT AND COMPLETE USE OF INFORMATION PROVIDED IN CONSTRUCTION DOCUMENTS. IN CASE OF MISSING INFORMATION OR DISCREPANCY NOTIFY ARCHITECT OR ENGINEER. DO NOT PROCEED UNTIL THE CONDITIONS ARE RESOLVED.

WOOD POST SCHEDULE			
MARK	SIZE	POST BASE	ANCHORS
WP-01	6x6 DF-L NO 1	CBSQ66 - SDS2	---

COLUMN SCHEDULE			
MARK	SIZE	BASE PLATE	ANCHOR BOLTS
C-01	HSS7x5x1/4	PL3/4x11x0'-11"	(4) 3/4"

- PROVIDE 1/4" SETTING PLATE SAME SIZE AS BASE PLATE.
- ANCHOR BOLT EMBEDMENT: 12 x (BOLT DIAMETER).
- PROVIDE PLATE WASHER PL3/8x3x0'-3" w/ NUT TOP & BOT, TACK WELD NUTS TO BOLT.

MASONRY PIER SCHEDULE			
MARK	SIZE	VERT REINF	TIES
MP-01	8"x12"	(2) #5	#3 @ 8" OC
MP-02	8"x16"	(2) #5	#3 @ 8" OC
MP-03	8"x22"	(2) #5	#3 @ 8" OC

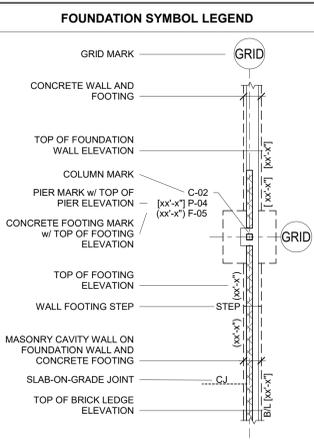
- PROVIDE DOWELS INTO FOUNDATION WALL OR FOOTING SAME SIZE AND QUANTITY AS PIER VERTICALS.

CONCRETE PIER SCHEDULE			
MARK	SIZE	VERT REINF	TIES
CP-01	20"x20"	(4) #7	#3 @ 12" OC

- PROVIDE DOWELS INTO FOOTING SAME SIZE AND QUANTITY AS PIER VERTICALS.

FOOTING SCHEDULE		
MARK	SIZE	REINFORCING EACH WAY
F-01	3'-0"x3'-0"x12"	(4) #5

- SOIL CAPACITY = 2000 PSF (ASSUMED).



- MASONRY WALL NOTES**
- ALL MASONRY TO BE LAID IN RUNNING BOND PATTERN (unless noted otherwise)
  - SEE PLANS & DETAILS FOR REINFORCING OF MASONRY WALLS

- CONCRETE FOUNDATION NOTES**
- FINISHED FLOOR - EL 100'-0" (unless noted otherwise)
  - TOP OF FOOTINGS INTERIOR - EL 99'-4" (unless noted otherwise) EXTERIOR - EL 99'-0" (unless noted otherwise)
  - (xx'-x") INDICATES TOP OF FOOTING ELEVATIONS.
  - (xx'-x") INDICATES TOP OF FOUNDATION WALL/PIER ELEVATIONS TOW - EL 100'-0" (unless noted otherwise) TOP - EL 99'-4" (unless noted otherwise)
  - WALL FOOTINGS EXTERIOR - 2'-0" x 10" NO REINF (unless noted otherwise) STOOPS - 1'-4" x 8" NO REINF (unless noted otherwise)
  - PROVIDE (2) #4 TOP BARS IN INTERIOR WALL FOOTINGS AT ALL OPENINGS 6'-0" OR GREATER.
  - BL (xx'-x") INDICATES BRICK LEDGE ELEVATION BRICK LEDGE - EL 99'-4" (unless noted otherwise)
  - CONCRETE FOUNDATION WALL REINFORCING (2) #5 CONT TOP AND BOTTOM (unless noted otherwise)
  - SEE ARCH PLANS FOR LOCATION OF NON-BEARING WALLS.
  - COORDINATE ALL FLOOR DRAINS AND PITCHED SLABS WITH ARCHITECTURAL AND PLUMBING DRAWINGS.
  - SEE DETAIL 1/S5.0 AND 2/S5.0 FOR TYPICAL CONCRETE FOUNDATION WALL DETAILS.
  - SEE DETAIL 3/S5.0 FOR TYPICAL PIPE PENETRATIONS THROUGH FOUNDATIONS.

- SLAB ON GRADE NOTES**
- FINISHED FLOOR - EL 100'-0" (unless noted otherwise) FIN F.L.R IS FOR REFERENCE ONLY - SEE CIVIL DWGS FOR DATUM INFORMATION
  - SEE ARCHITECTURAL DRAWINGS FOR UNDER SLAB INSULATION REQUIREMENTS
  - SEE DETAILS 17/S5.0 AND FOR SLAB JOINT DETAILS.
  - STOOP SLABS 5" SLAB W/ #3 @ 12" OC EACH WAY



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Village of McFarland  
McFarland, WI

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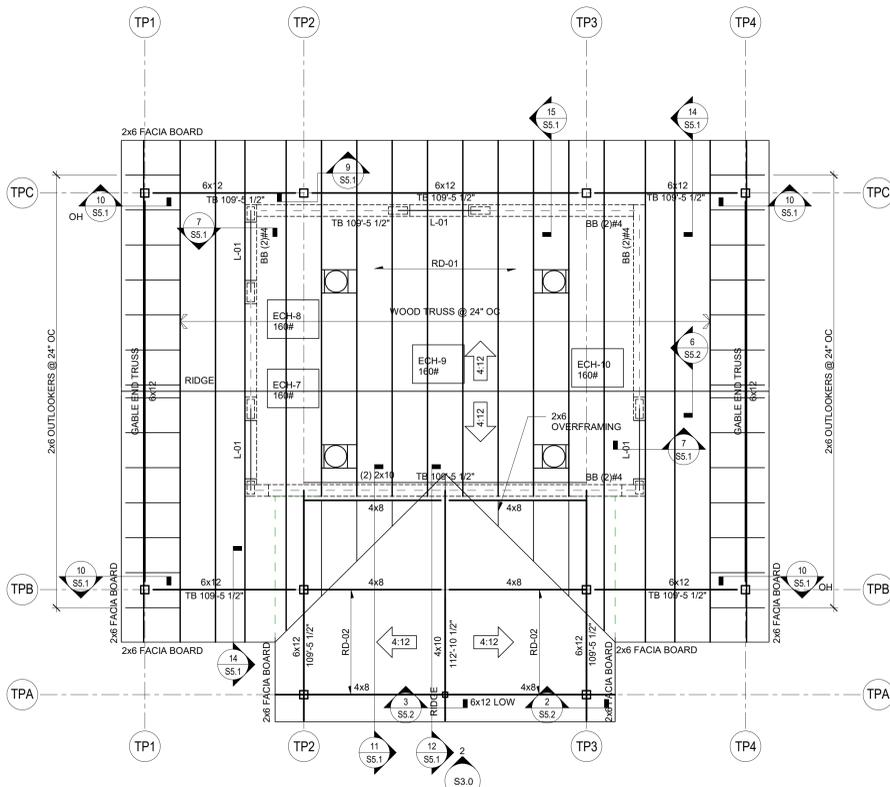
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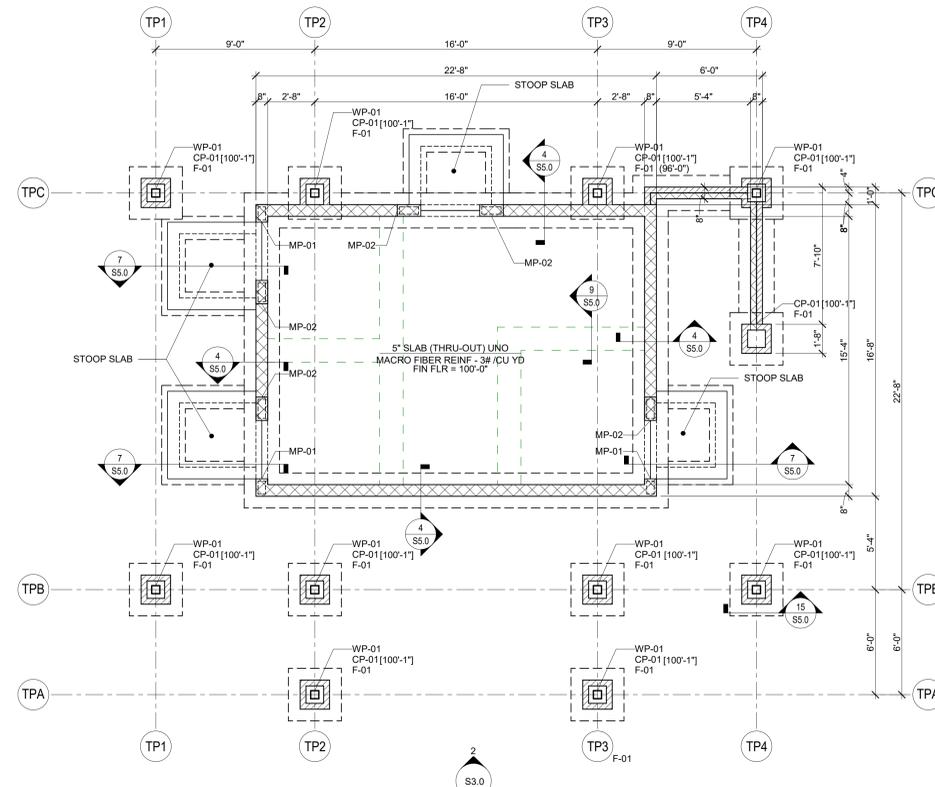
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Sheet Title: PROJECT SCHEDULES AND NOTES

Sheet Number: S0.2



NORTH  
 TOILET/DOG WASH SHELTER ROOF FRAMING PLAN  
 SCALE: 1/4" = 1'-0"



NORTH  
 TOILET/DOG WASH SHELTER FOUNDATION AND ROOF PLANS  
 SCALE: 1/4" = 1'-0"

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Sheet Title:  
**TOILET/DOG WASH SHELTER FOUNDATION AND ROOF FRAMING PLANS**

Sheet Number:  
**S1.0**

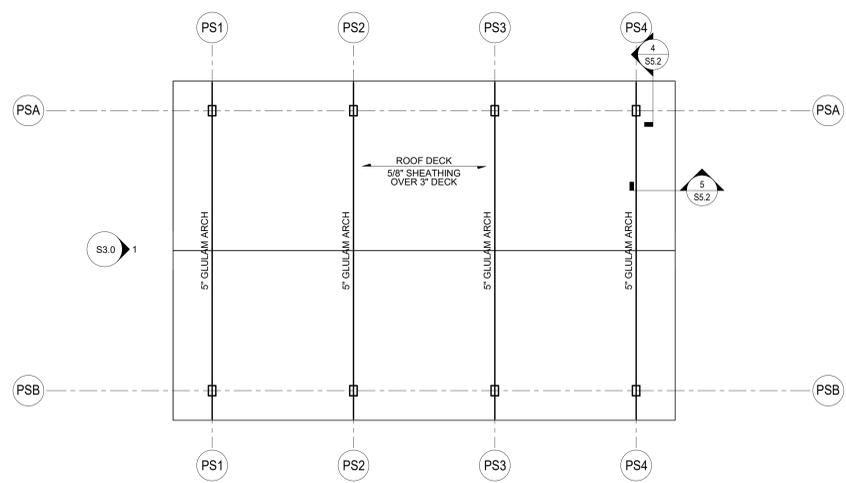
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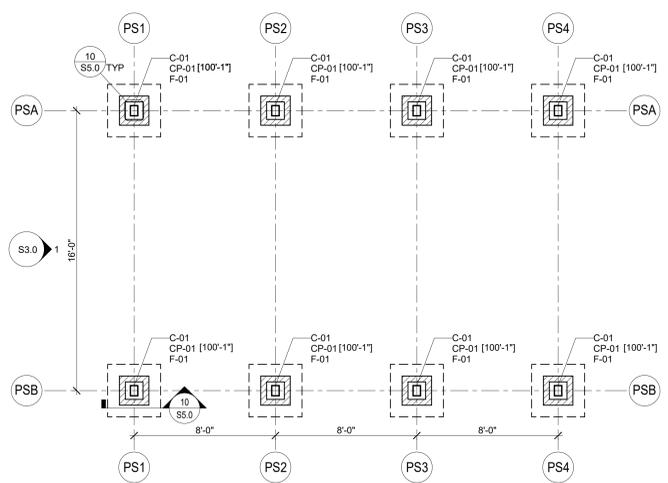
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NORTH  
 OPEN SHELTER ROOF FRAMING PLAN  
 SCALE: 1/4" = 1'-0"



NORTH  
 OPEN SHELTER FOUNDATION PLAN  
 SCALE: 1/4" = 1'-0"

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Sheet Title:  
**OPEN SHELTER FOUNDATION AND ROOF FRAMING PLANS**

Sheet Number:  
**S1.1**

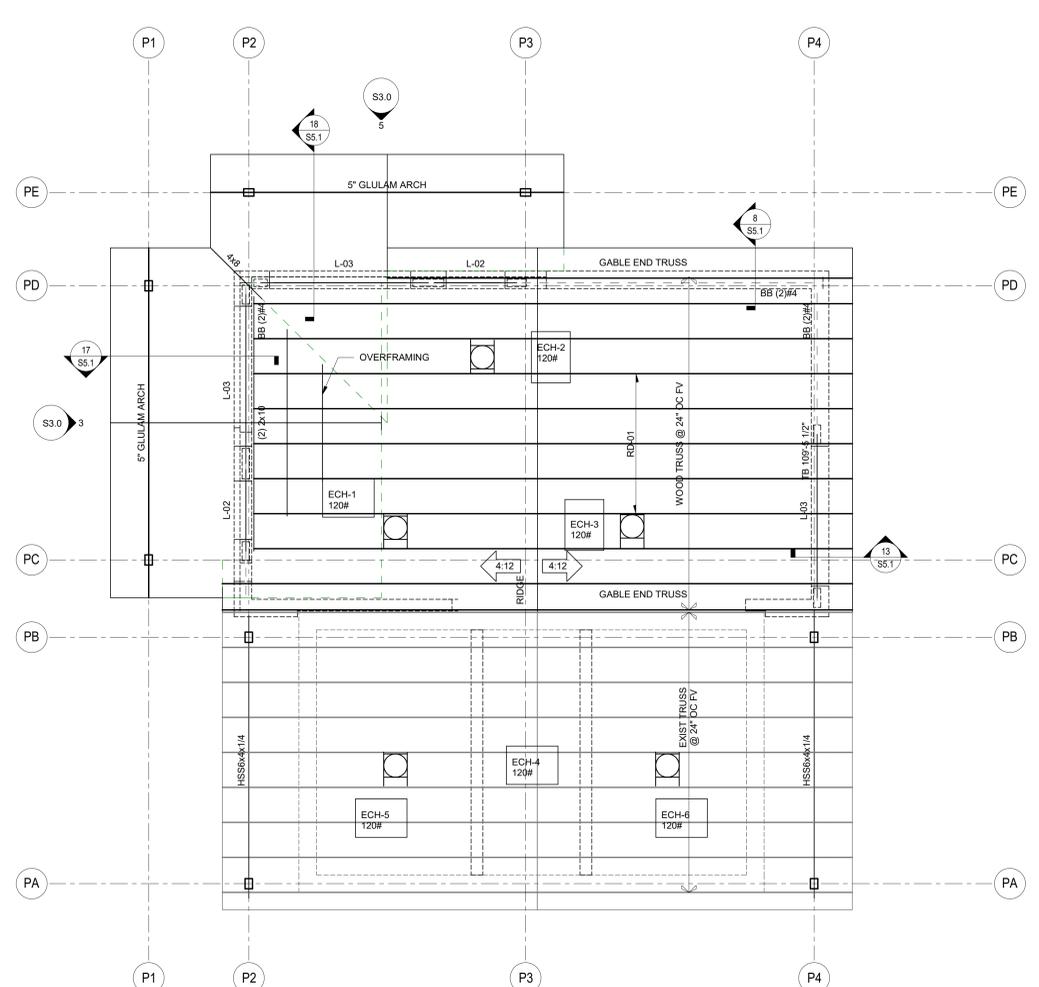
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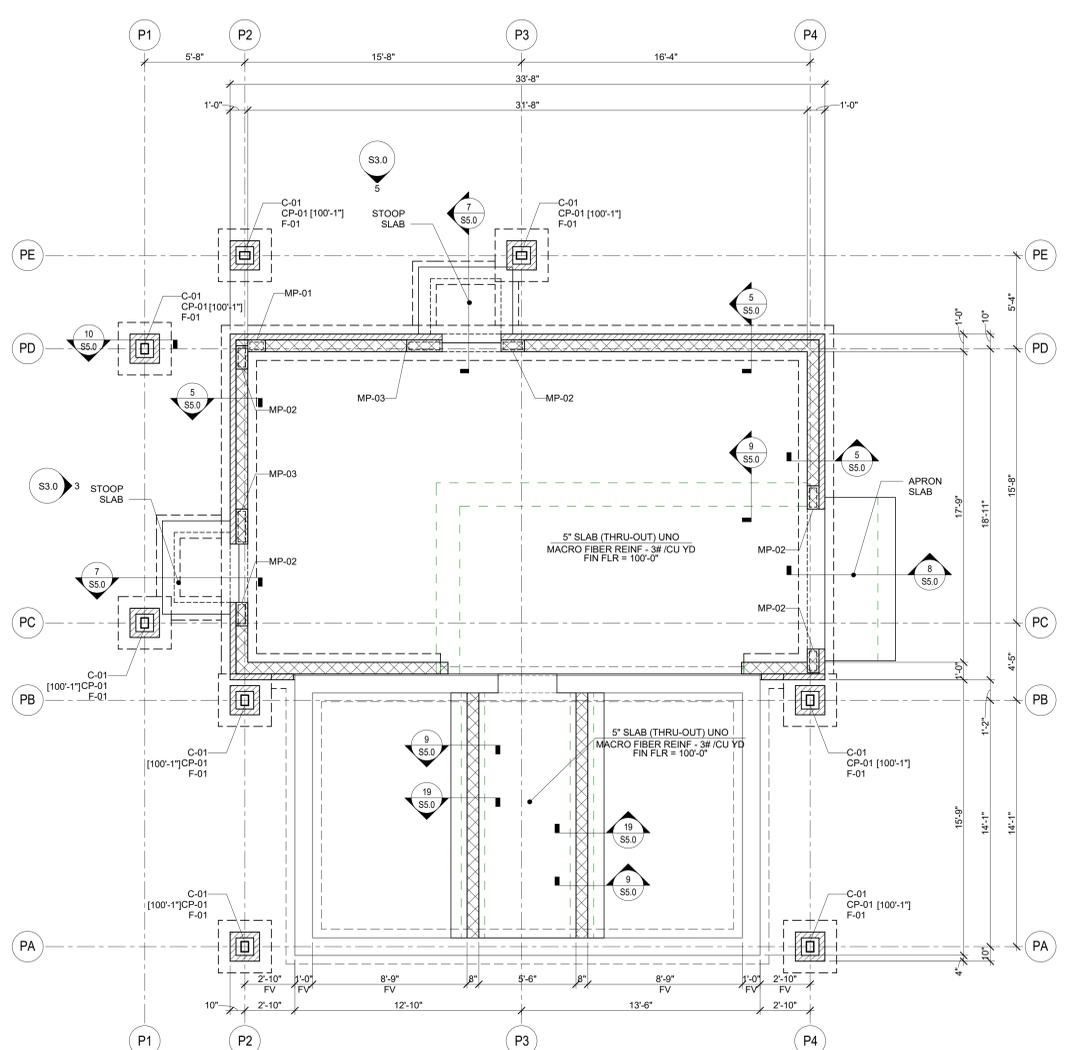
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NORTH  
 SCALE: 1/4" = 1'-0"  
**PAVILION ADDITION ROOF FRAMING PLAN**

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**PAVILION ADDITION FOUNDATION PLAN**



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Project Number:  
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Issued For:  
**Construction Documents**  
 Issued to Bid 06/05/2020

Sheet Title:  
**PAVILION ADDITION FOUNDATION AND ROOF FRAMING PLANS**

Sheet Number:  
**S1.2**

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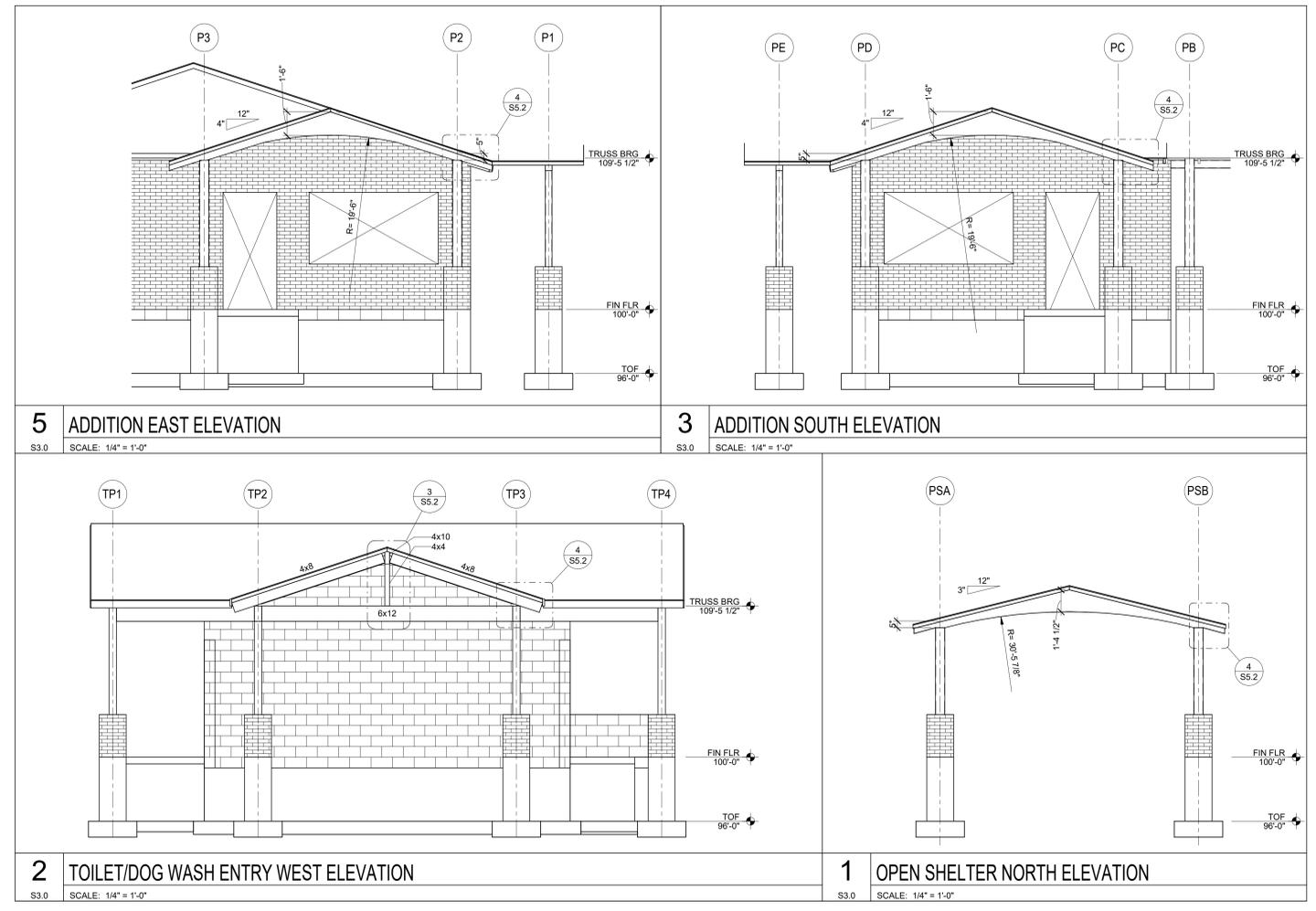
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T: 920.459.4200

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Project Title:  
**McFarland Park Facility Projects  
Village of McFarland  
McFarland, WI**

REVISIONS:

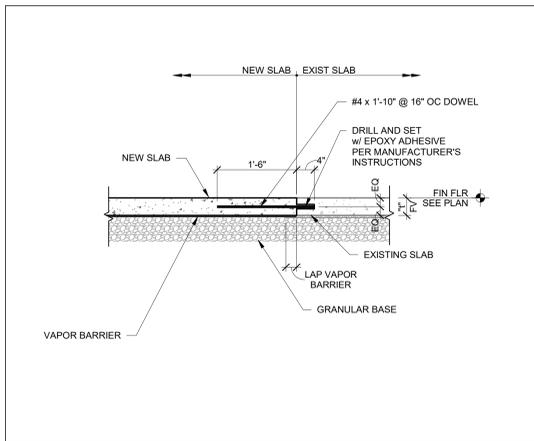
DATE	DESCRIPTION

Project Number:  
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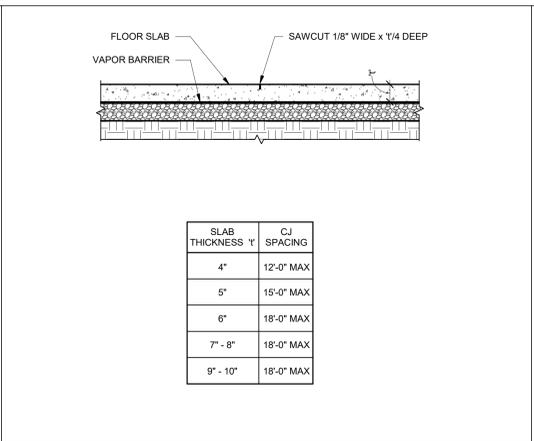
Issued For:  
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Sheet Title:  
**FRAMING ELEVATIONS**

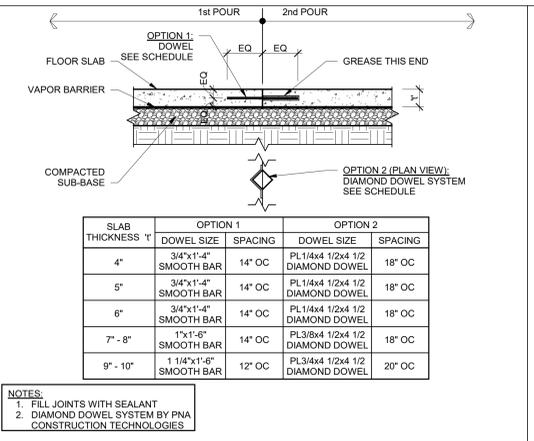
Sheet Number:  
**S3.0**



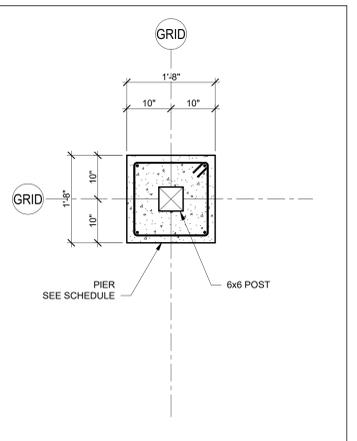
**19 TYPICAL NEW TO EXISTING SLAB JOINT**  
S5.0 SCALE: 3/4" = 1'-0"



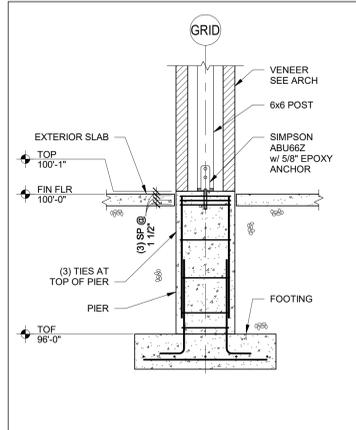
**18 TYP SLAB ON GRADE CONTROL JNT**  
S5.0 SCALE: 3/4" = 1'-0"



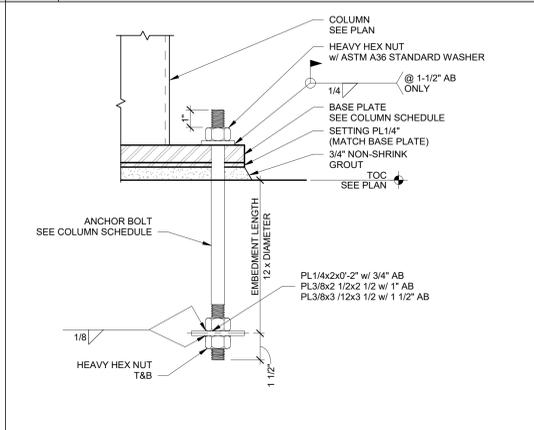
**17 TYPICAL SLAB ON GRADE CONSTRUCTION JOINT**  
S5.0 SCALE: 3/4" = 1'-0"



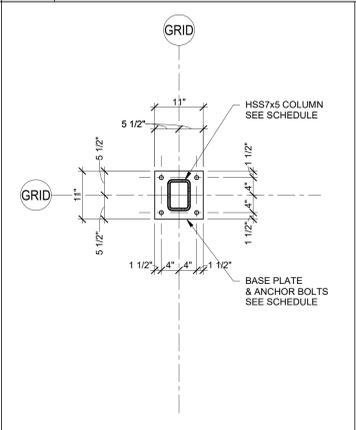
**16 PIER DETAIL**  
S5.0 SCALE: 3/4" = 1'-0"



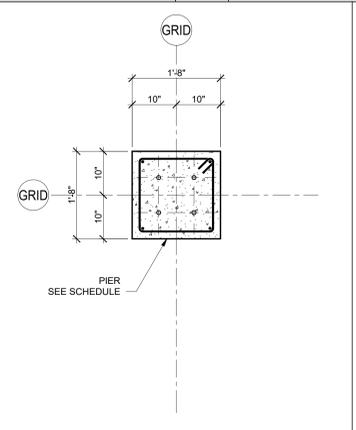
**15 CANOPY COLUMN/PIER/FOOTING**  
S5.0 SCALE: 1/2" = 1'-0"



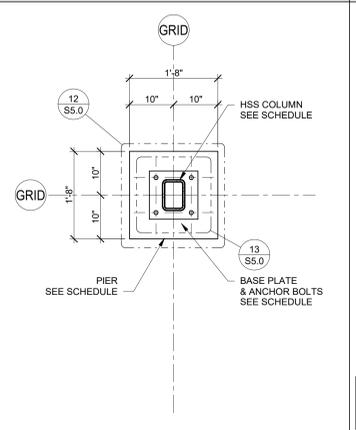
**14 TYP ANCHOR BOLT DETAIL**  
S5.0 SCALE: 3" = 1'-0"



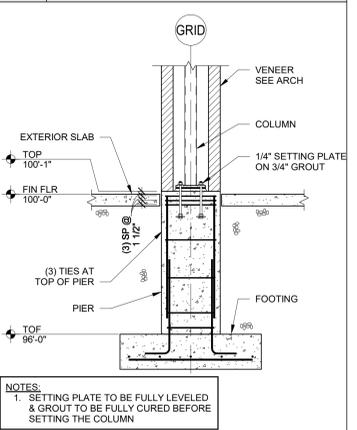
**13 BASE PLATE DETAIL**  
S5.0 SCALE: 3/4" = 1'-0"



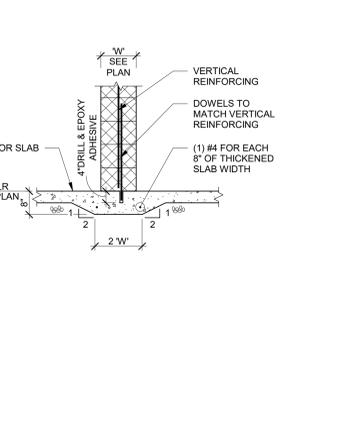
**12 PIER DETAIL**  
S5.0 SCALE: 3/4" = 1'-0"



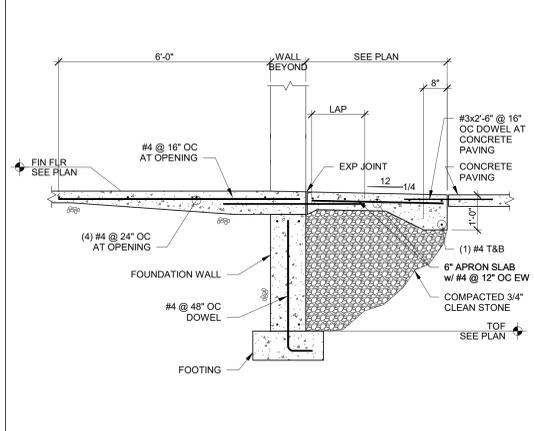
**11 PIER DETAIL**  
S5.0 SCALE: 3/4" = 1'-0"



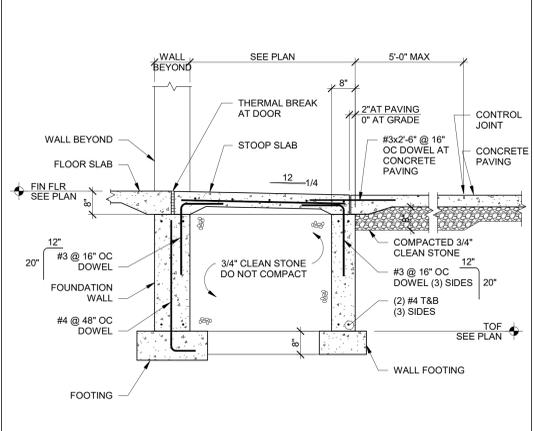
**10 CANOPY COLUMN/PIER/FOOTING**  
S5.0 SCALE: 1/2" = 1'-0"



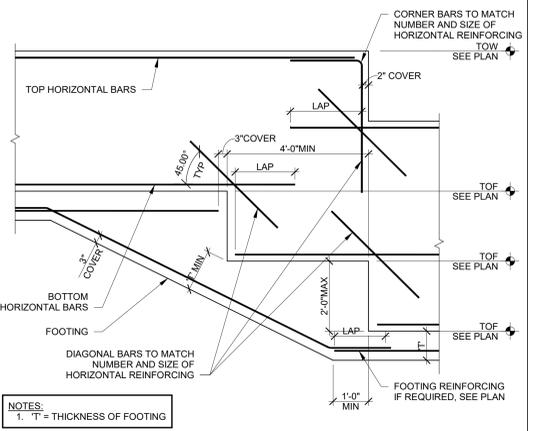
**9 TYPICAL THICKENED SLAB AT NON-STRUCT MAS WALL**  
S5.0 SCALE: 1/2" = 1'-0"



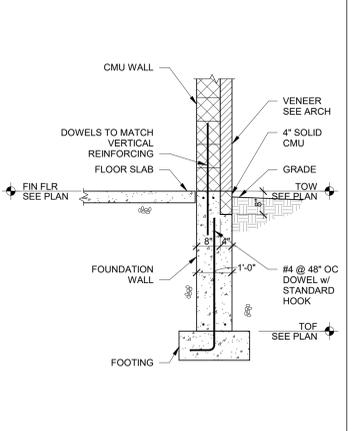
**8 TYPICAL APRON SLAB AT OVERHEAD DOOR**  
S5.0 SCALE: 1/2" = 1'-0"



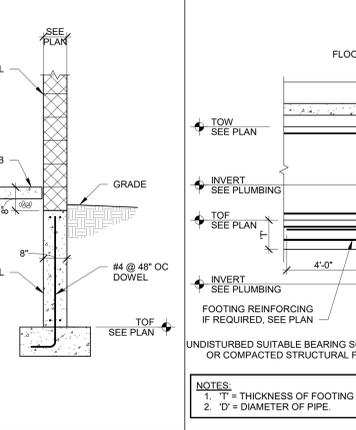
**7 TYPICAL STOOP SLAB AT DOOR**  
S5.0 SCALE: 1/2" = 1'-0"



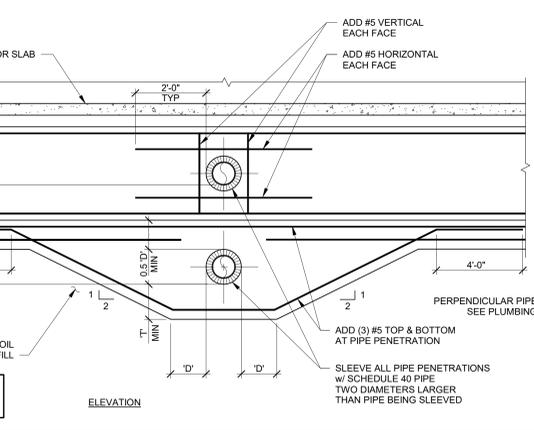
**6 TYPICAL CONCRETE WALL AND FOOTING STEP**  
S5.0 SCALE: 1/2" = 1'-0"



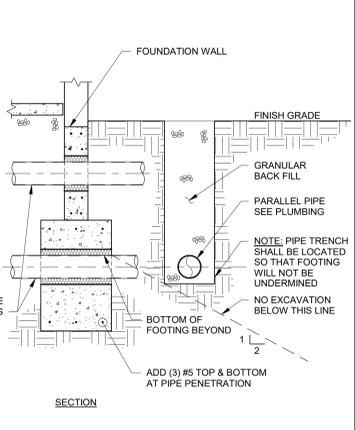
**5 FOUNDATION SECTION**  
S5.0 SCALE: 1/2" = 1'-0"



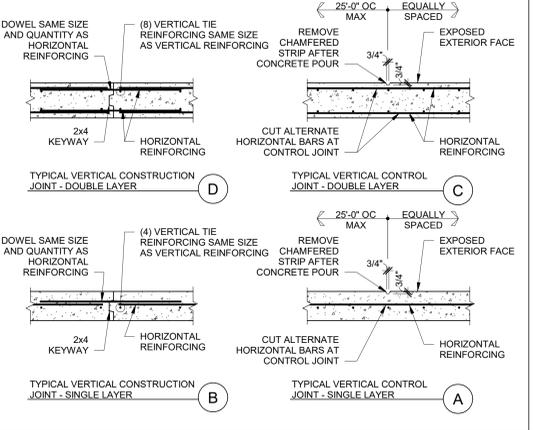
**4 FOUNDATION SECTION**  
S5.0 SCALE: 1/2" = 1'-0"



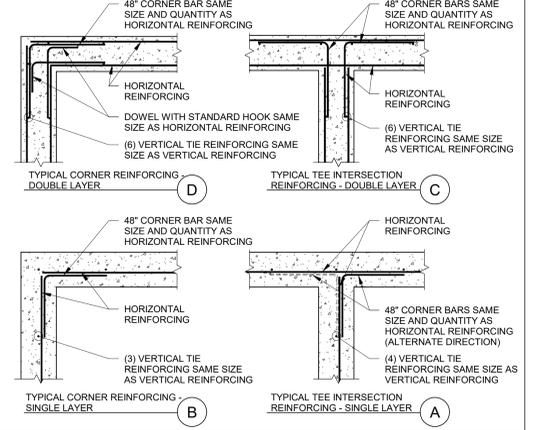
**3 TYPICAL PENETRATION THROUGH CONCRETE WALL AND FOOTING**  
S5.0 SCALE: 1/2" = 1'-0"



**2 TYPICAL CONCRETE WALL JOINTS**  
S5.0 SCALE: 1/2" = 1'-0"



**1 TYPICAL CONCRETE FOUNDATION WALL REINFORCING**  
S5.0 SCALE: 1/2" = 1'-0"



**1 TYPICAL CONCRETE FOUNDATION WALL REINFORCING**  
S5.0 SCALE: 1/2" = 1'-0"

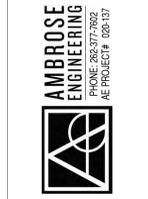


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Village of McFarland  
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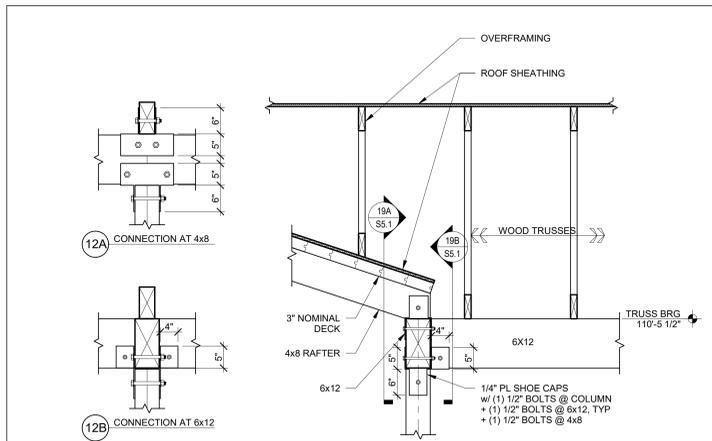
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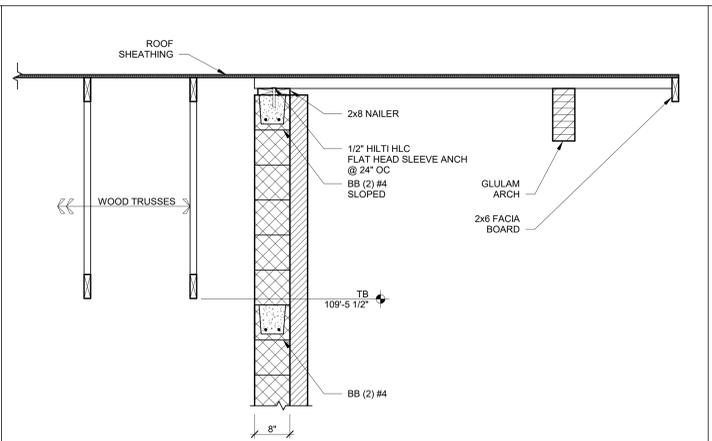
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SECTIONS AND DETAILS

**Sheet Number:**  
S5.0

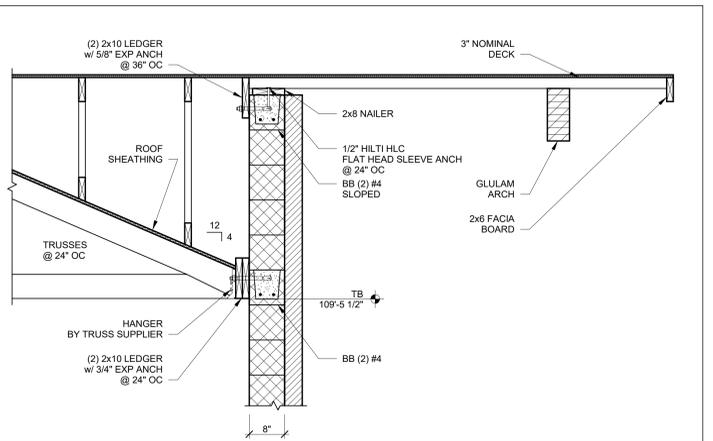
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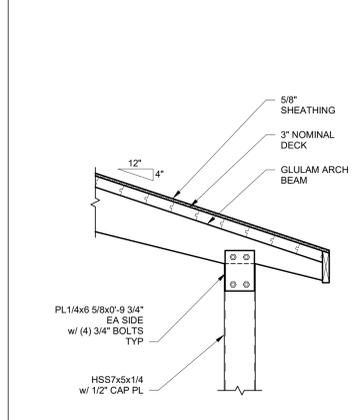
**19 ROOF CONNECTION AT POST**  
S5.1 SCALE: 3/4" = 1'-0"



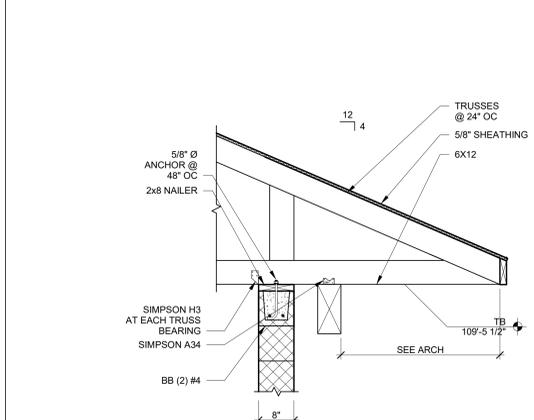
**18 TRUSS BEARING SECTION**  
S5.1 SCALE: 3/4" = 1'-0"



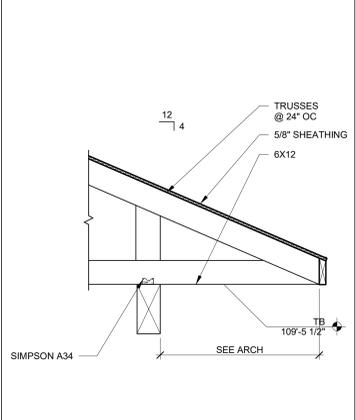
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S5.1 SCALE: 3/4" = 1'-0"



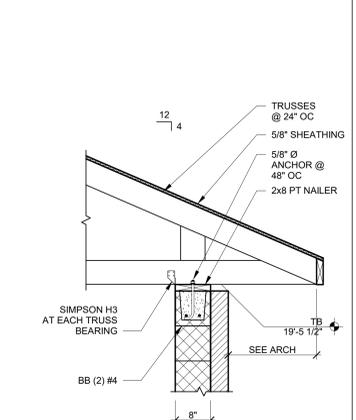
**16 ROOF SECTION**  
S5.1 SCALE: 3/4" = 1'-0"



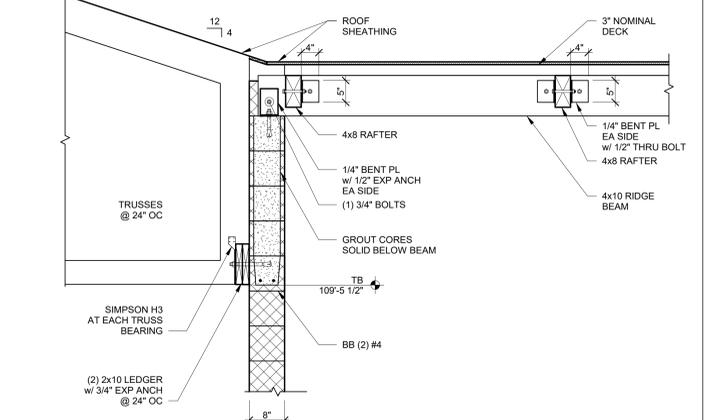
**15 TRUSS BEARING SECTION**  
S5.1 SCALE: 3/4" = 1'-0"



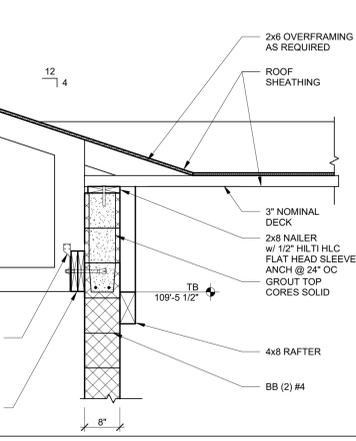
**14 TRUSS BEARING SECTION**  
S5.1 SCALE: 3/4" = 1'-0"



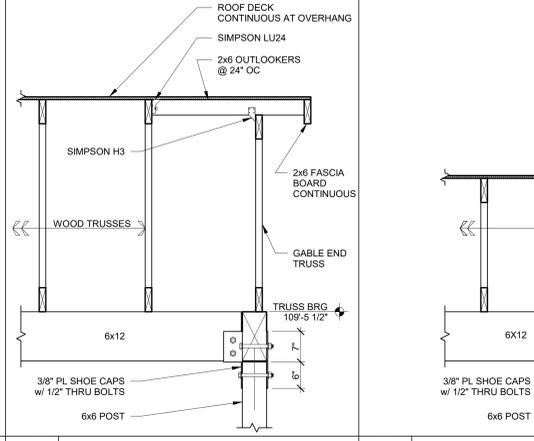
**13 TRUSS BEARING SECTION**  
S5.1 SCALE: 3/4" = 1'-0"



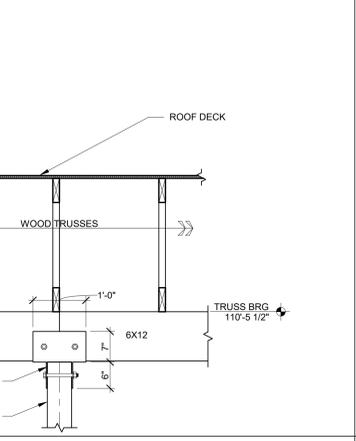
**12 TRUSS BEARING SECTION**  
S5.1 SCALE: 3/4" = 1'-0"



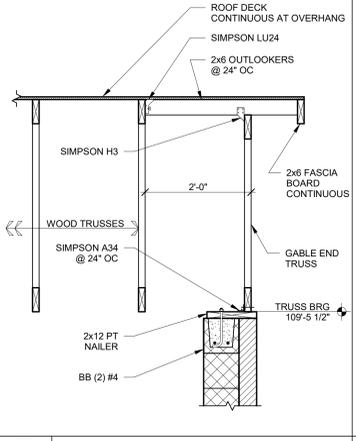
**11 TRUSS BEARING SECTION**  
S5.1 SCALE: 3/4" = 1'-0"



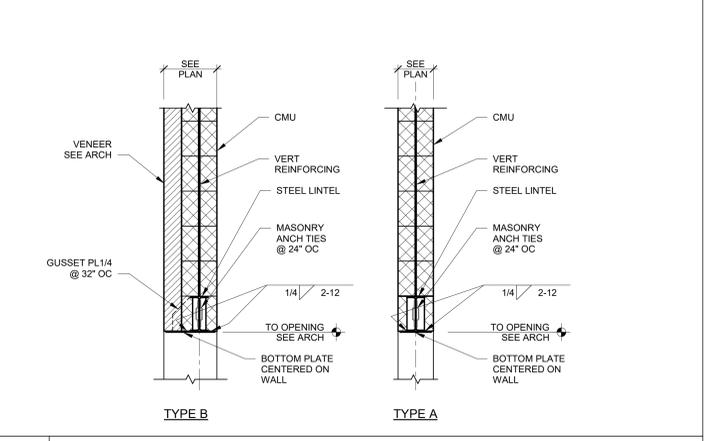
**10 ROOF OVERHANG OUTLOOKERS**  
S5.1 SCALE: 3/4" = 1'-0"



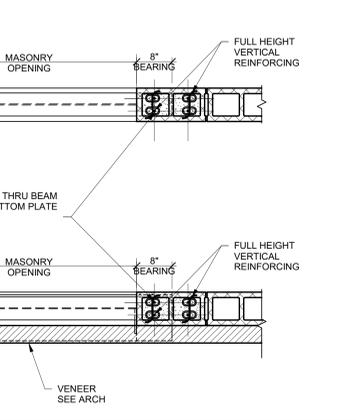
**9 ROOF CONNECTION AT POST**  
S5.1 SCALE: 3/4" = 1'-0"



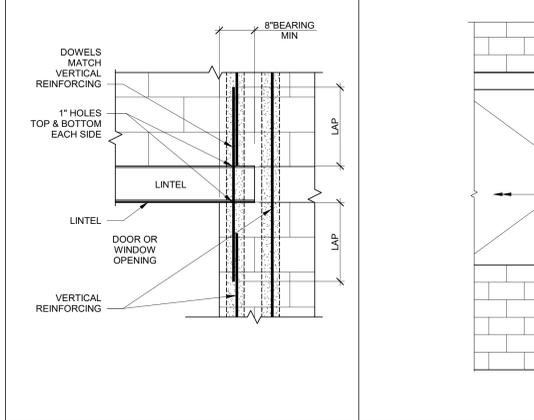
**8 ROOF OVERHANG OUTLOOKERS**  
S5.1 SCALE: 3/4" = 1'-0"



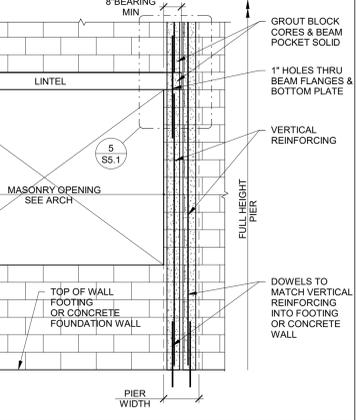
**7 TYPICAL LINTEL TYPES**  
S5.1 SCALE: 3/4" = 1'-0"



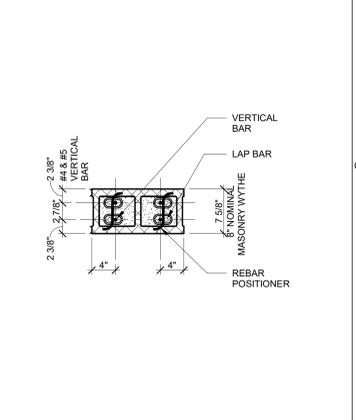
**6 LINTEL AT FULL HEIGHT PIER - PLAN**  
S5.1 SCALE: 3/4" = 1'-0"



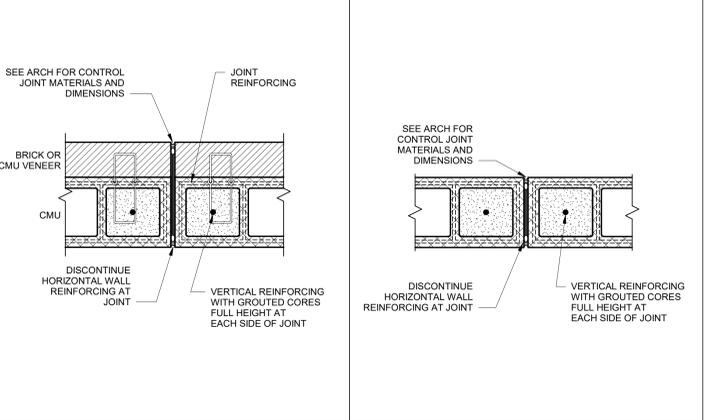
**5 TYP LINTEL BRG AT FULL HT PIER**  
S5.1 SCALE: 3/4" = 1'-0"



**4 FULL HEIGHT PIER REINFORCING AT LINTEL**  
S5.1 SCALE: 3/8" = 1'-0"



**3 PIER PLAN AT LINTEL**  
S5.1 SCALE: 1" = 1'-0"



**2 EXT MASONRY CONTROL JOINT**  
S5.1 SCALE: 1 1/2" = 1'-0"

**1 EXT MASONRY CONTROL JOINT**  
S5.1 SCALE: 1 1/2" = 1'-0"

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**Sheet Number:**  
S5.1

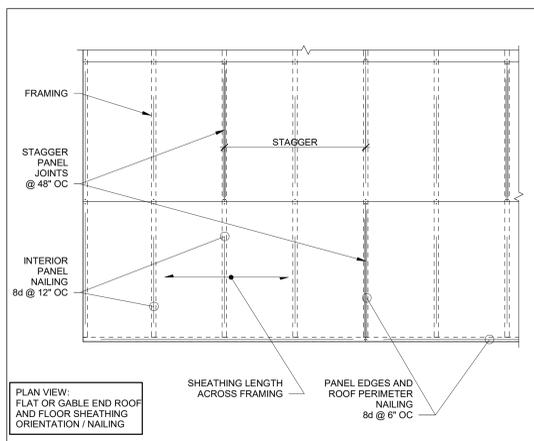
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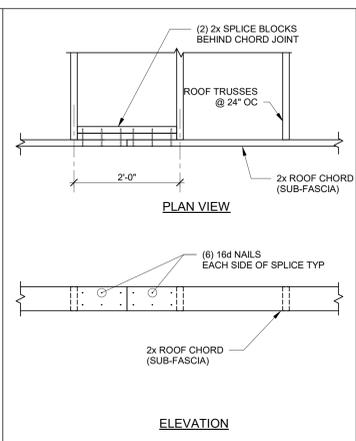
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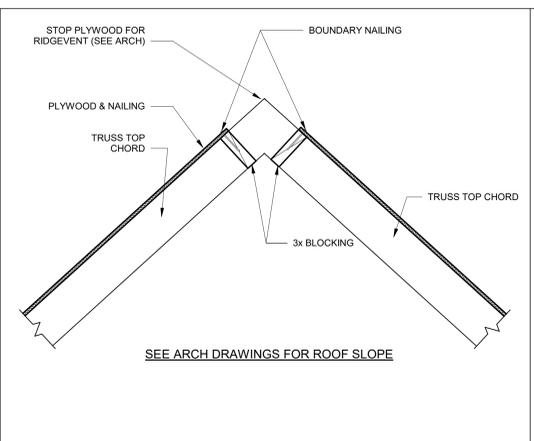
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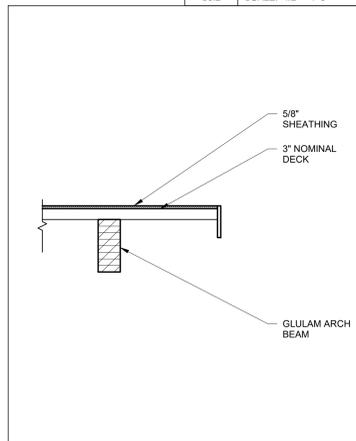
**8 UNBLOCKED DIAPHRAGM NAILING**  
S5.2 SCALE: 1/2" = 1'-0"



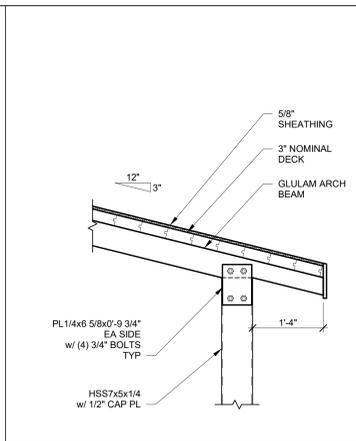
**7 ROOF CHORD SPLICE - NAILED**  
S5.2 SCALE: 3/4" = 1'-0"



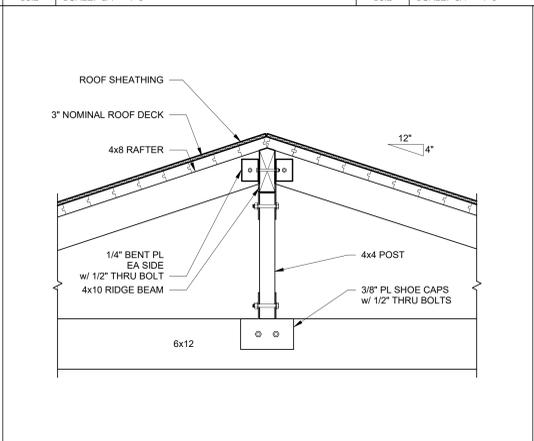
**6 RIDGE SECTION**  
S5.2 SCALE: 3/4" = 1'-0"



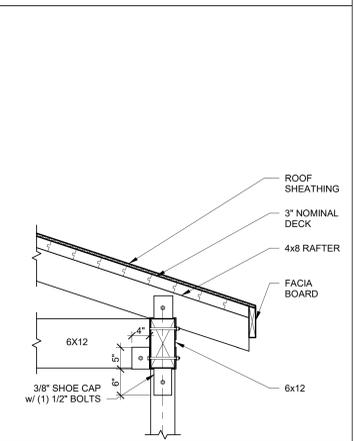
**5 ROOF SECTION**  
S5.2 SCALE: 3/4" = 1'-0"



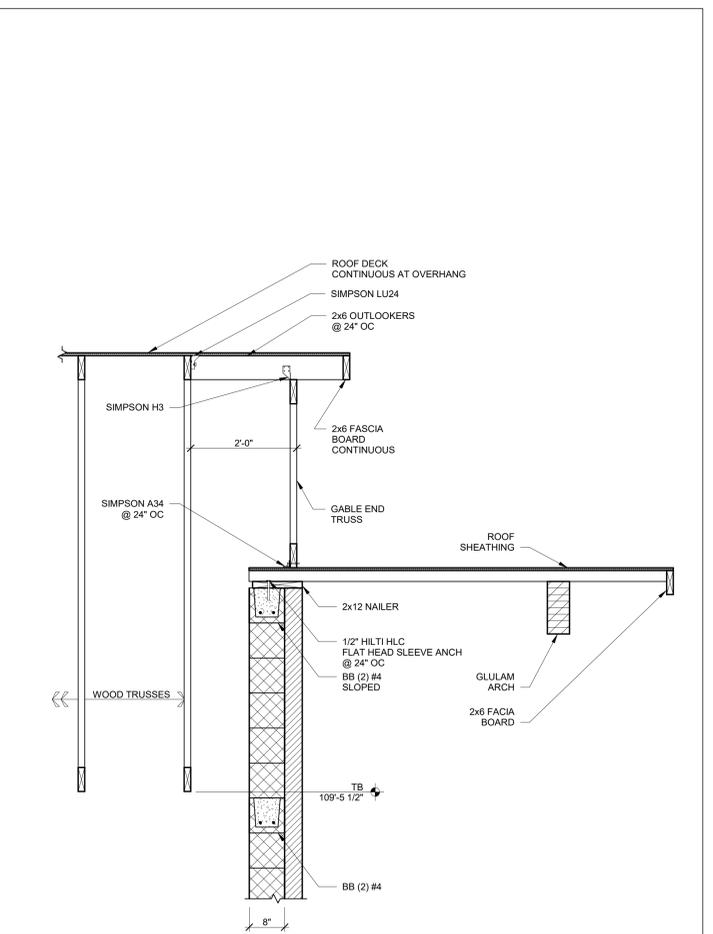
**4 ROOF SECTION**  
S5.2 SCALE: 3/4" = 1'-0"



**3 RIDGE BEAM SECTION**  
S5.2 SCALE: 3/4" = 1'-0"



**2 RAFTER CONNECTION**  
S5.2 SCALE: 3/4" = 1'-0"



**1 TRUSS BEARING SECTION**  
S5.2 SCALE: 3/4" = 1'-0"

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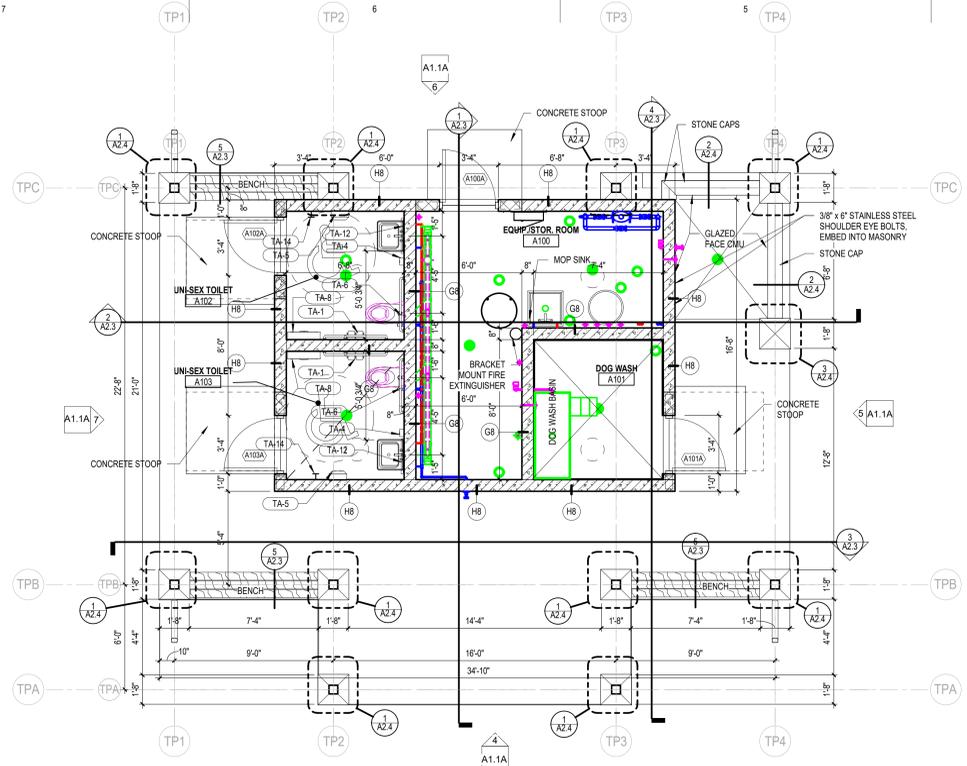
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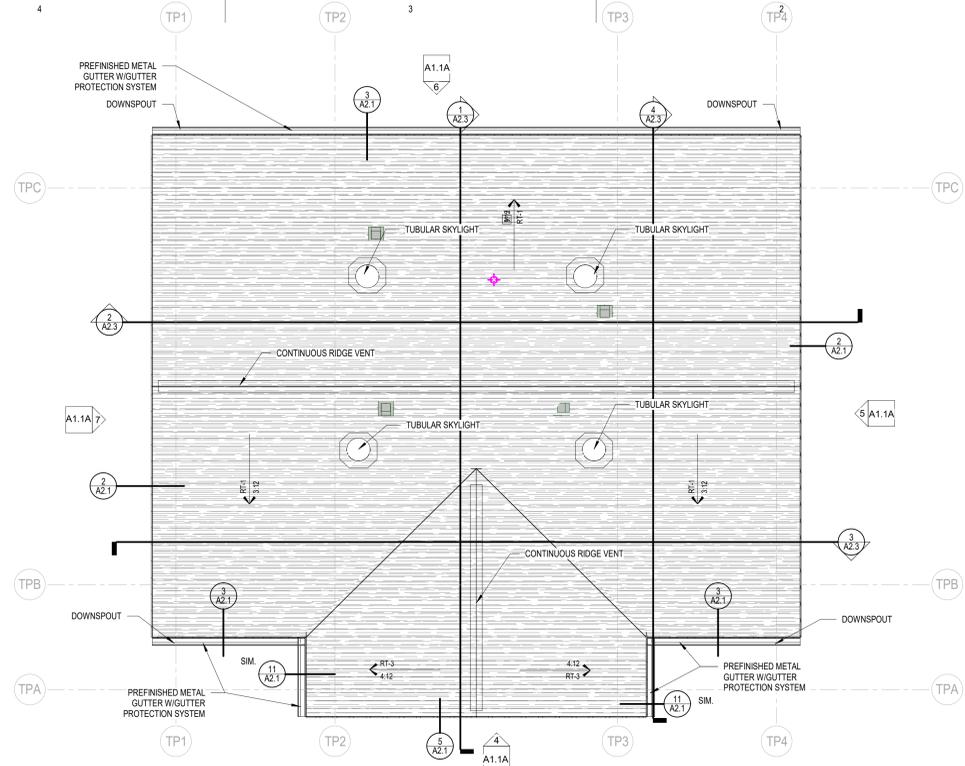
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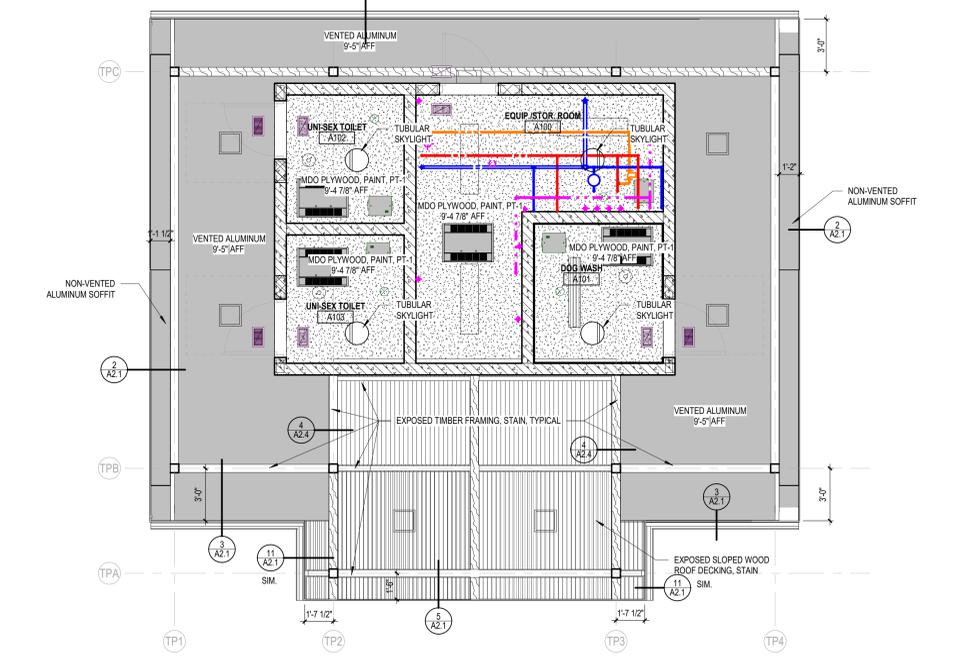
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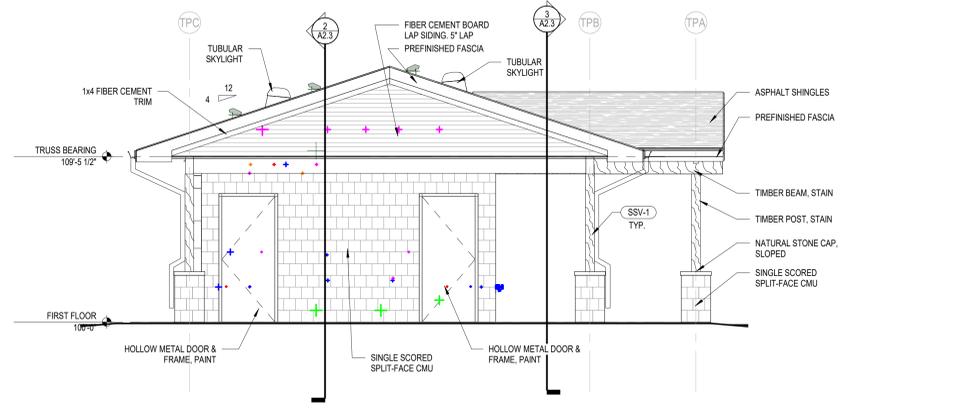
1 Toilet/Pet Wash Shelter Floor Plan  
A1.1A Scale: 1/4" = 1'-0"



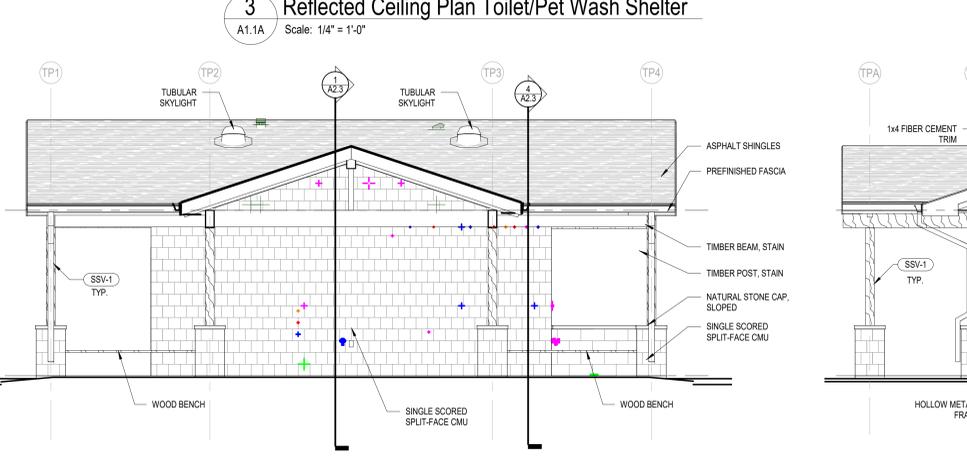
2 Toilet/Pet Wash Shelter Roof Plan  
A1.1A Scale: 1/4" = 1'-0"



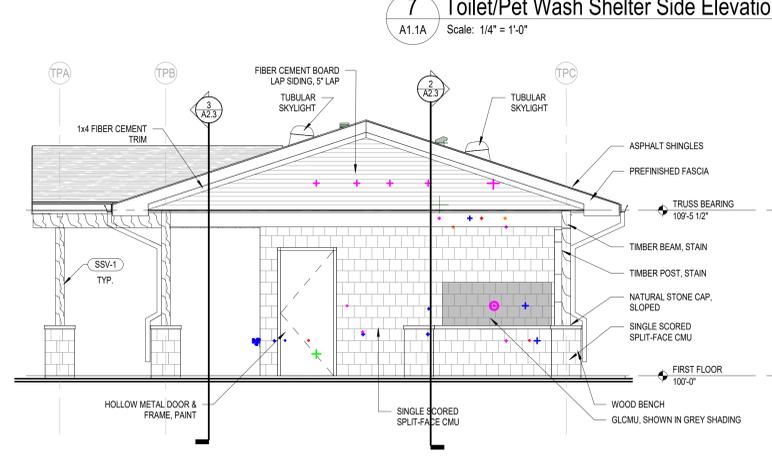
3 Reflected Ceiling Plan Toilet/Pet Wash Shelter  
A1.1A Scale: 1/4" = 1'-0"



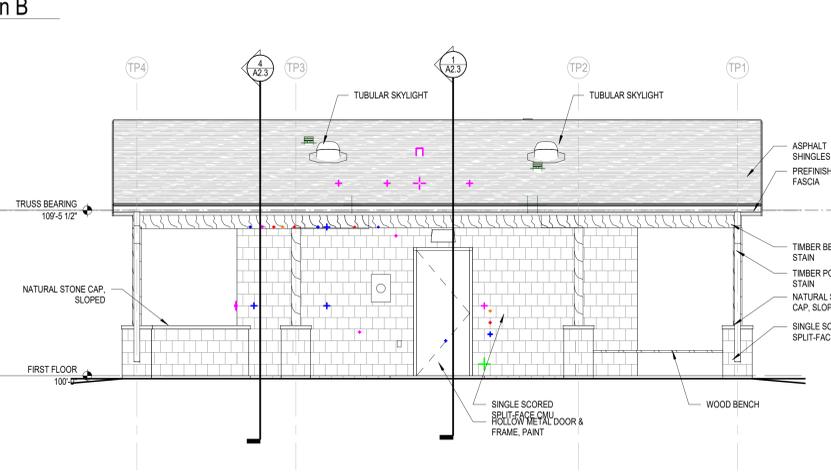
7 Toilet/Pet Wash Shelter Side Elevation B  
A1.1A Scale: 1/4" = 1'-0"



4 Toilet/Pet Wash Shelter Front Elevation  
A1.1A Scale: 1/4" = 1'-0"



5 Toilet/Pet Wash Shelter Side Elevation A  
A1.1A Scale: 1/4" = 1'-0"



6 Toilet/Pet Wash Shelter Rear Elevation  
A1.1A Scale: 1/4" = 1'-0"

KEYNOTE LEGEND	
SSV-1	WOOD STAIN - SEE INTERIOR FINISH LEGEND
TA-1	TOILET PAPER DISPENSER - FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
TA-4	LIQUID SOAP DISPENSER - FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
TA-5	ELECTRIC HAND DRYER - FURNISHED BY ELEC. CONTRACTOR, INSTALLED BY ELEC. CONTRACTOR
TA-6	42", 36", 18" GRAB BAR SET - FURNISHED BY CONTRACTOR, INSTALLED BY CONTRACTOR
TA-8	BABY CHANGING STATION - FURNISHED BY CONTRACTOR, INSTALLED BY CONTRACTOR
TA-12	MIRROR - SEE INTERIOR ELEVATION FOR SIZE - FURNISHED BY CONTRACTOR, INSTALLED BY CONTRACTOR
TA-14	ROBE HOOK - FURNISHED BY CONTRACTOR, INSTALLED BY CONTRACTOR

- ### GENERAL NOTES
- DO NOT SCALE FROM DRAWINGS.
  - EXISTING CONDITIONS: EXISTING CONDITIONS SHOWN ON DRAWINGS REPRESENT CURRENT BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW. WORK DONE WITHOUT RESOLUTION OF DISCREPANCIES MUST BE REDONE AT THE REQUEST OF THE ARCHITECT AT NO ADDITIONAL COST TO THE CONTRACT.
  - REFER TO SHEET G0.2 FOR WALL TYPES.
  - REFER TO SHEET G0.2 FOR TYPICAL MOUNTING HEIGHTS. REFER TO INTERIOR ELEVATION SHEET FOR ROOM SPECIFIC FUTURE MOUNTING HEIGHTS.
  - REFER TO SHEET A9.0 FOR FLOOR TRANSITION DETAILS.
  - REFER TO SHEET A9.0 FOR TYPICAL FLOOR/BASE CONDITIONS.
  - CMU WALLS ARE DIMENSIONED TO FACE OF WALL.
  - HOUSEKEEPING PADS BY GENERAL CONTRACTOR. SEE PLUMBING DRAWINGS FOR LOCATIONS.
  - PITCH ALL CONCRETE STOOPS AND APRONS 1/4" PER FOOT AWAY FROM BUILDING.
  - SLOPE ALL INTERIOR FLOOR SLABS TO DRAINS, MINIMUM 1/4" PER FOOT.

### ROOF PLAN LEGEND & NOTES

ROOF TYPE 1 (RT-1):	<ul style="list-style-type: none"> <li>ASPHALT SHINGLES</li> <li>SYNTHETIC UNDERLAYMENT</li> <li>5/8" PLYWOOD SHEATHING</li> </ul>
ROOF TYPE 2 (RT-2):	<ul style="list-style-type: none"> <li>ASPHALT SHINGLES</li> <li>SYNTHETIC UNDERLAYMENT</li> <li>EXISTING PLYWOOD SHEATHING</li> </ul>
ROOF TYPE 3 (RT-3):	<ul style="list-style-type: none"> <li>ASPHALT SHINGLES</li> <li>SYNTHETIC UNDERLAYMENT</li> <li>5/8" PLYWOOD SHEATHING</li> <li>2X6 T&amp;G WOOD DECKING</li> <li>4:12 SLOPE</li> </ul>
ROOF TYPE 4 (RT-4):	<ul style="list-style-type: none"> <li>ASPHALT SHINGLES</li> <li>SYNTHETIC UNDERLAYMENT</li> <li>5/8" PLYWOOD SHEATHING</li> <li>2X6 T&amp;G WOOD DECKING</li> <li>3:12 SLOPE</li> </ul>

- NOT ALL ROOF PENETRATIONS ARE SHOWN. ROOFING CONTRACTOR TO VERIFY PENETRATIONS WITH ALL BUILDING TRADES.
- SEE PLUMBING AND HVAC DRAWINGS FOR SIZES, QUANTITIES, LOCATIONS AND TYPES OF ROOF PENETRATIONS.

### GENERAL CEILING PLAN NOTES

	MDO PLYWOOD CEILING
	EXISTING GYP. BOARD CEILING

- ALL CEILINGS AND SOFFITS TO BE PAINTED P1-1 UNLESS NOTED OTHERWISE WHERE A PAINT COLOR IS INDICATED. PAINT THE BOTTOM AND FACE OF THE SOFFIT THE COLOR INDICATED.
- COORDINATE WITH MECHANICAL, PLUMBING AND ELECTRICAL THE EXACT LOCATIONS OF CEILING FIXTURES, HV EQUIPMENT, ETC. CONSULT WITH ARCHITECT REGARDING ANY DISCREPANCIES.
- SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR CEILING MOUNTED DEVICE SYMBOL LEGEND.



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**Project Title:**  
McFarland Park Facility Projects  
Village of McFarland  
McFarland, WI

REVISIONS:

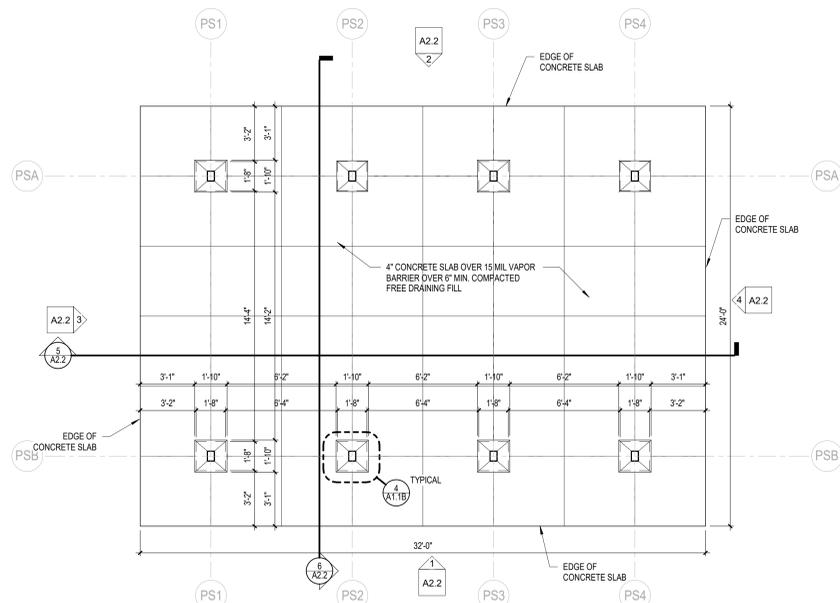
DATE	DESCRIPTION

Project Number:  
**3491**

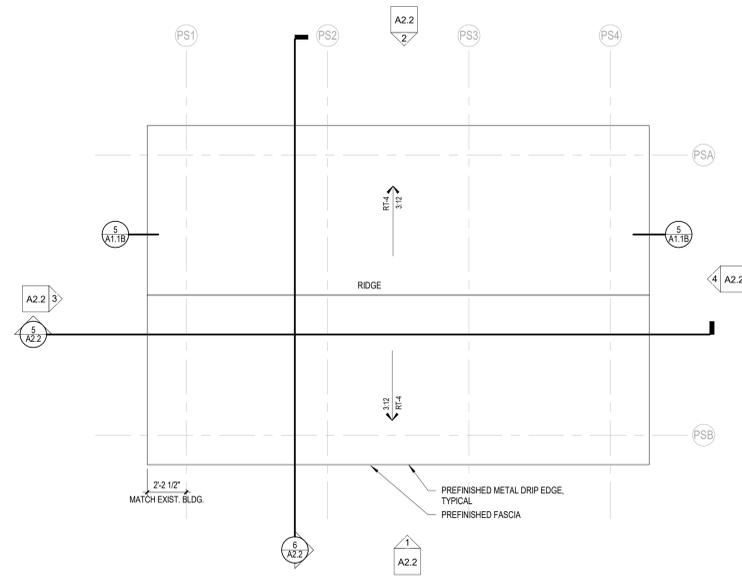
Issued For:  
**Construction Documents**  
Issued to Bid 06/05/2020

Sheet Title:  
**Toilet/Dog Wash Shelter Plans & Elevations**

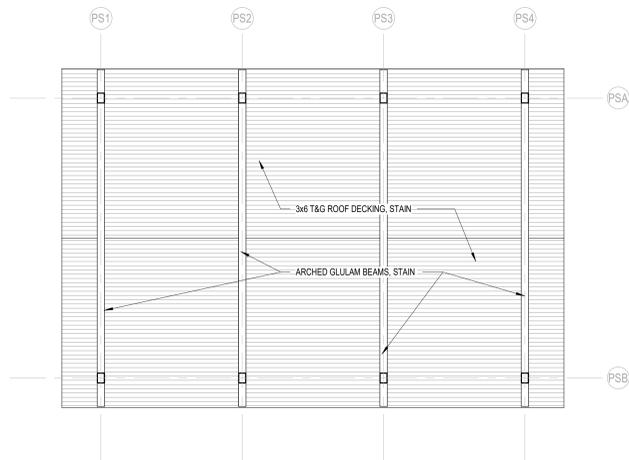
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**A1.1A**



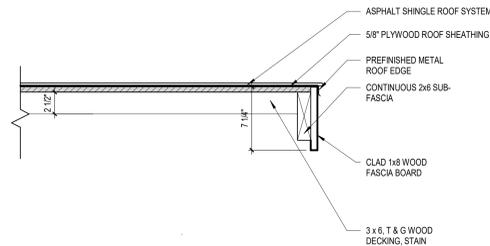
**1 Open Park Shelter Floor Plan**  
A1.1B Scale: 1/4" = 1'-0"



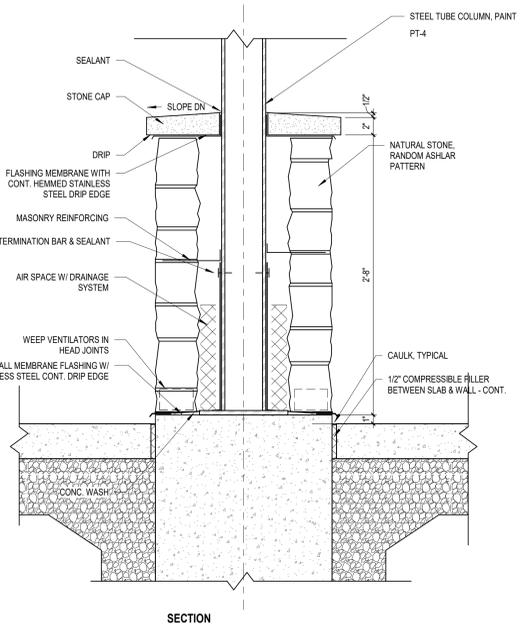
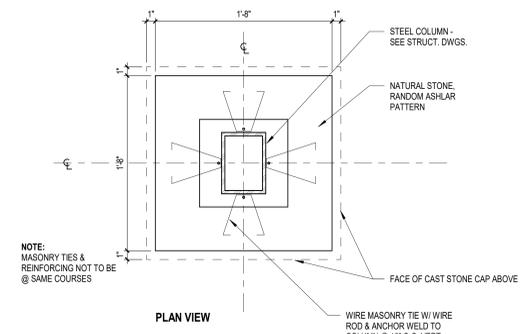
**2 Open Shelter Roof Plan**  
A1.1B Scale: 1/4" = 1'-0"



**3 Reflected Ceiling Plan Open Shelter**  
A1.1B Scale: 1/4" = 1'-0"



**5 Gable End at Open Air Park Shelter**  
A1.1B Scale: 1 1/2" = 1'-0"



**4 Stone Pier Detail**  
A1.1B Scale: 1 1/2" = 1'-0"

### ROOF PLAN LEGEND & NOTES

ROOF TYPE 1 (RT-1):	<ul style="list-style-type: none"> <li>ASPHALT SHINGLES</li> <li>SYNTHETIC UNDERLAYMENT</li> <li>5/8" PLYWOOD SHEATHING</li> </ul>
ROOF TYPE 2 (RT-2):	<ul style="list-style-type: none"> <li>ASPHALT SHINGLES</li> <li>SYNTHETIC UNDERLAYMENT</li> <li>EXISTING PLYWOOD SHEATHING</li> </ul>
ROOF TYPE 3 (RT-3):	<ul style="list-style-type: none"> <li>ASPHALT SHINGLES</li> <li>SYNTHETIC UNDERLAYMENT</li> <li>5/8" PLYWOOD SHEATHING</li> <li>2X6 T&amp;G WOOD DECKING</li> <li>4:12 SLOPE</li> </ul>
ROOF TYPE 4 (RT-4):	<ul style="list-style-type: none"> <li>ASPHALT SHINGLES</li> <li>SYNTHETIC UNDERLAYMENT</li> <li>5/8" PLYWOOD SHEATHING</li> <li>2X6 T&amp;G WOOD DECKING</li> <li>3:12 SLOPE</li> </ul>

- NOT ALL ROOF PENETRATIONS ARE SHOWN, ROOFING CONTRACTOR TO VERIFY PENETRATIONS WITH ALL BUILDING TRADES.
- SEE PLUMBING AND HVAC DRAWINGS FOR SIZES, QUANTITIES, LOCATIONS AND TYPES OF ROOF PENETRATIONS.

### GENERAL NOTES

- DO NOT SCALE FROM DRAWINGS.
- EXISTING CONDITIONS: EXISTING CONDITIONS SHOWN ON DRAWINGS REPRESENT CURRENT BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW. WORK DONE WITHOUT RESOLUTION OF DISCREPANCIES MUST BE REDONE AT THE REQUEST OF THE ARCHITECT AT NO ADDITIONAL COST TO THE CONTRACT.
- REFER TO SHEET G0.2 FOR WALL TYPES.
- REFER TO SHEET G0.2 FOR TYPICAL MOUNTING HEIGHTS. REFER TO INTERIOR ELEVATION SHEET FOR ROOM SPECIFIC FIXTURE MOUNTING HEIGHTS.
- REFER TO SHEET A0.0 FOR FLOOR TRANSITION DETAILS.
- REFER TO SHEET A0.0 FOR TYPICAL FLOOR/BASE CONDITIONS.
- CMU WALLS ARE DIMENSIONED TO FACE OF WALL.
- HOUSEKEEPING PADS BY GENERAL CONTRACTOR. SEE PLUMBING DRAWINGS FOR LOCATIONS.
- PITCH ALL CONCRETE SToops AND APRONS 1/4" PER FOOT AWAY FROM BUILDING.
- SLOPE ALL INTERIOR FLOOR SLABS TO DRAINS, MINIMUM 1/4" PER FOOT.



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Project Title:  
**McFarland Park Facility Projects**  
**Village of McFarland**  
**McFarland, WI**

REVISIONS:

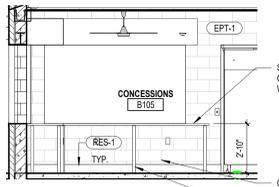
DATE	DESCRIPTION

Project Number:  
**3491**

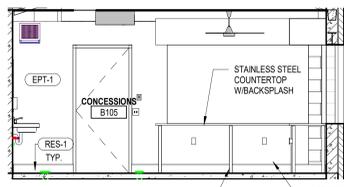
Issued For:  
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Sheet Title:  
**Open Shelter Plans and Details**

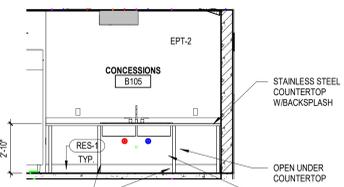
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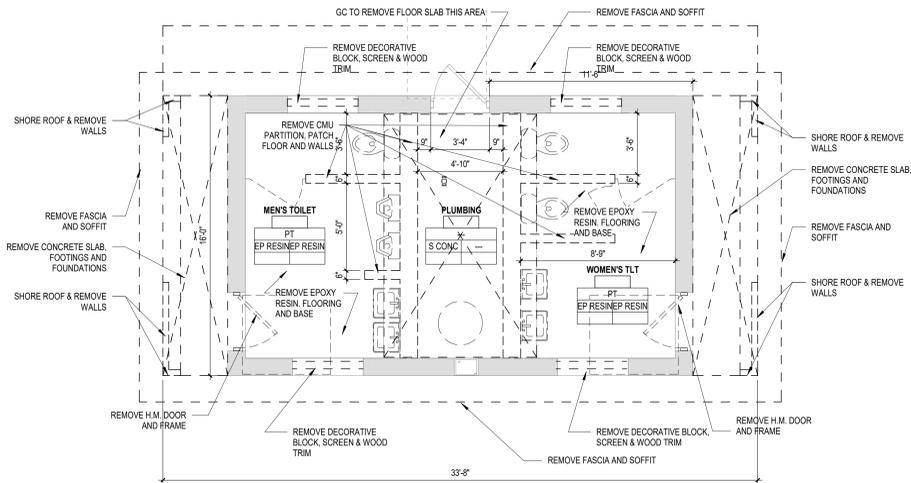
**5 B105 - Concessions A**  
A1.1C Scale: 1/4" = 1'-0"



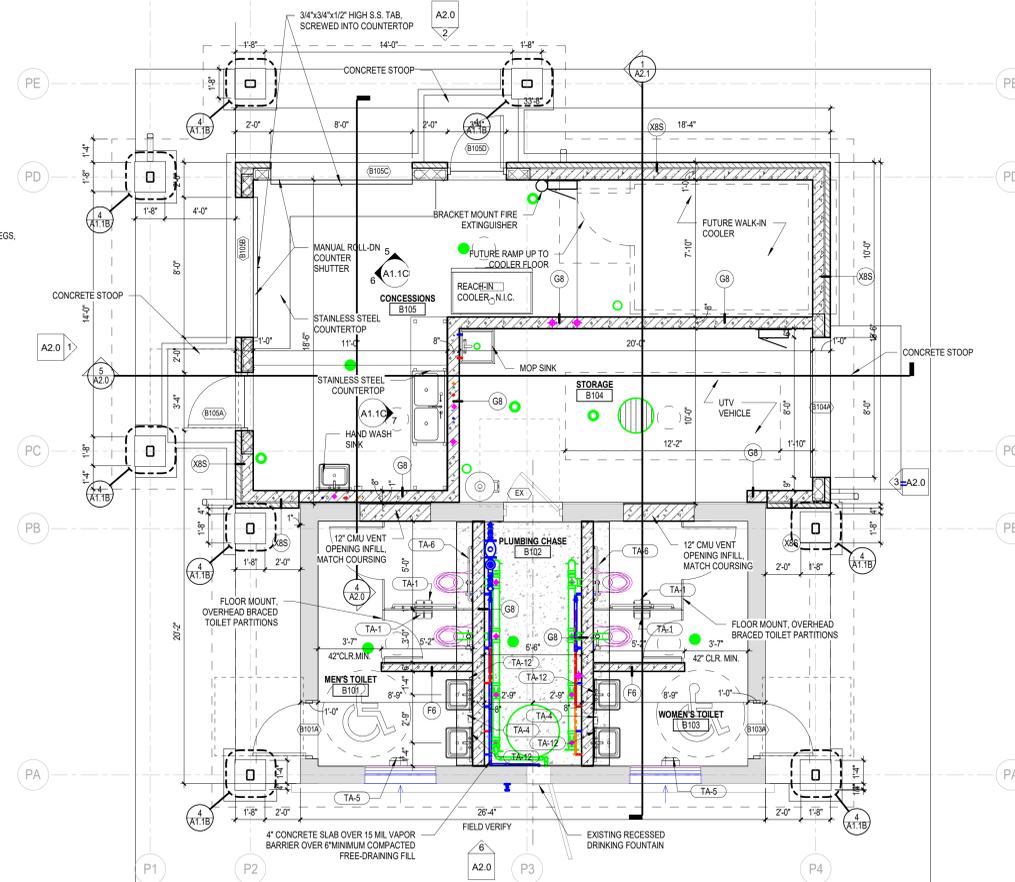
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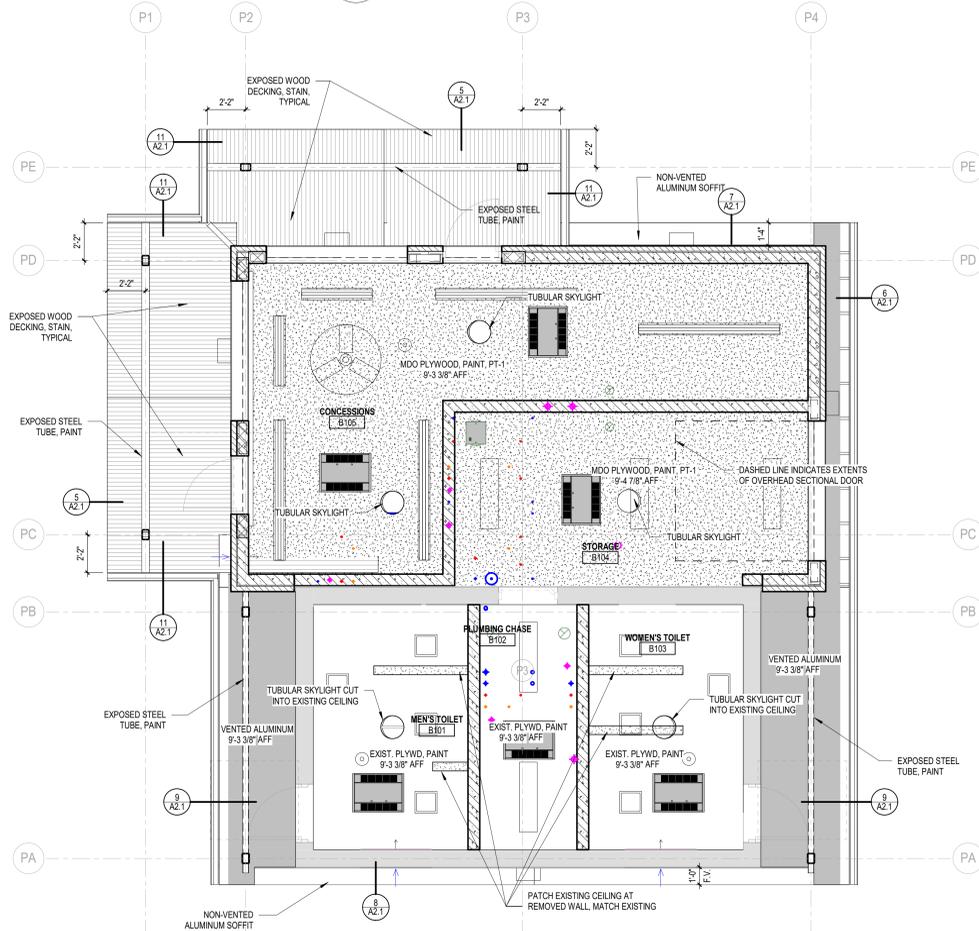
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A1.1C Scale: 1/4" = 1'-0"



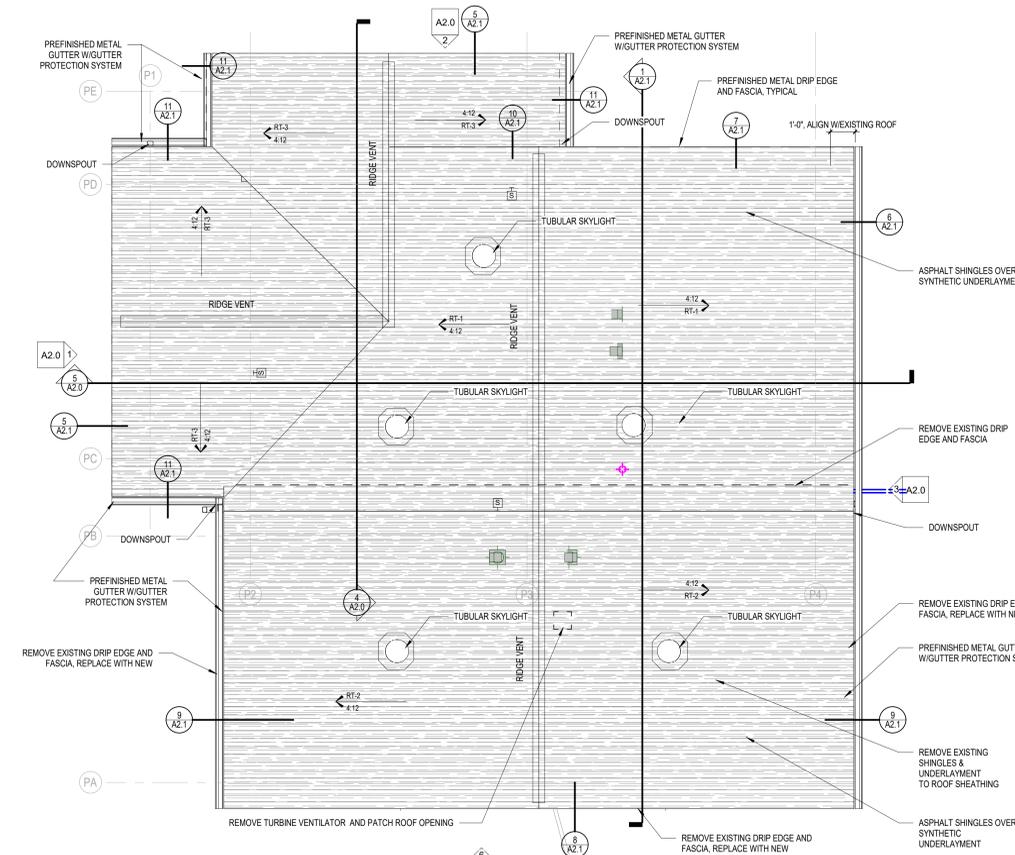
**1 Pavilion Addition Demolition Plan**  
A1.1C Scale: 1/4" = 1'-0"



**2 Pavilion Addition Floor Plan**  
A1.1C Scale: 1/4" = 1'-0"



**3 Reflected Ceiling Plan Pavilion Addition**  
A1.1C Scale: 1/4" = 1'-0"



**4 Pavilion Addition Roof Plan**  
A1.1C Scale: 1/4" = 1'-0"

**GENERAL DEMOLITION NOTES**

- EXISTING ROOM TAG LEGEND:
- |                       |                         |                         |
|-----------------------|-------------------------|-------------------------|
| EXISTING FLOOR FINISH | EXISTING WALL FINISHES  | EXISTING WALL BASE TYPE |
| EXISTING CEILING TYPE | EXISTING CEILING HEIGHT |                         |
- OWNER IS RESPONSIBLE FOR REMOVAL OF ALL LOOSE FURNISHINGS PRIOR TO GENERAL DEMOLITION. ALL ITEMS INCLUDING DOORS, DOOR HARDWARE, CEILING TILES CONSIDERED SALVAGEABLE SHALL ALSO BE REMOVED BY THE OWNER PRIOR TO GENERAL DEMOLITION.
  - REMOVE ALL APPLIED FINISHES AND PREPARE SUBSTRATE FOR NEW FINISHES. SEE ROOM FINISH SCHEDULE FOR FINISHES.
  - EXISTING CONDITIONS: EXISTING CONDITIONS SHOWN ON DRAWINGS REPRESENT CURRENT BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR REVIEW. WORK DONE WITHOUT RESOLUTION OF DISCREPANCIES MUST BE REDONE AT THE REQUEST OF THE ARCHITECT AT NO ADDITIONAL COST TO THE CONTRACT.
  - UNLESS NOTED OTHERWISE, PATCH ALL FLOORS, BASE, WALLS AND CEILINGS AT EXPOSED AREAS AFFECTED BY DEMOLITION REGARDLESS OF TRADE DOING THE DEMOLITION WORK. PATCH TO MATCH ADJACENT EXISTING CONSTRUCTION WHERE SPECIFIC INFORMATION IS NOT NOTED OR SCHEDULED. REFER TO ROOM FINISH SCHEDULE.
  - DISPOSE OF ALL BUILDING MATERIAL IN LAWFUL MANNER.
  - SEE FLOOR PLANS, ELEVATIONS, SECTIONS AND DETAILS FOR ADDITIONAL DEMOLITION INFORMATION WHICH MAY NOT BE INDICATED ON DEMOLITION PLANS AND TO COORDINATE EXTENT OF DEMOLITION REQUIRED.
  - SEE PROJECT MANUAL AND PLUMBING, HVAC AND ELECTRICAL DRAWINGS FOR ANY REQUIRED DEMOLITION OF PLUMBING, HVAC AND ELECTRICAL EQUIPMENT/MATERIALS PERFORMED BY THOSE TRADES.

**KEYNOTE LEGEND**

- |       |   |
|-------|---|
| EPT-1 | EPOXY PAINT   |
| RES-1 | RESINOUS FLOOR  |
| TA-1  | TOILET PAPER DISPENSER - FURNISHED BY OWNER, INSTALLED BY CONTRACTOR                        |
| TA-4  | LIQUID SOAP DISPENSER - FURNISHED BY OWNER, INSTALLED BY CONTRACTOR                         |
| TA-5  | ELECTRIC HAND DRYER - FURNISHED BY ELEC. CONTRACTOR, INSTALLED BY ELEC. CONTRACTOR          |
| TA-6  | 42" 30" 18V GRAB BAR SET - FURNISHED BY CONTRACTOR, INSTALLED BY CONTRACTOR                 |
| TA-12 | MIRROR - SEE INTERIOR ELEVATION FOR SIZE - FURNISHED BY CONTRACTOR, INSTALLED BY CONTRACTOR |

**GENERAL CEILING PLAN NOTES**

- |  |                             |
|--|-----------------------------|
|  | MDO PLYWOOD CEILING         |
|  | EXISTING GYP. BOARD CEILING |
- ALL CEILINGS AND SOFFITS TO BE PAINTED PT-1 UNLESS NOTED OTHERWISE. WHERE A PAINT COLOR IS INDICATED, PAINT THE BOTTOM AND FACE OF THE SOFFIT THE COLOR INDICATED.
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  - SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR CEILING MOUNTED DEVICE SYMBOL LEGEND.

**ROOF PLAN LEGEND & NOTES**

- |                     |  |
|---------------------|--|
| ROOF TYPE 1 (RT-1): | ASPHALT SHINGLES<br>SYNTHETIC UNDERLAYMENT<br>5/8" PLYWOOD SHEATHING                                       |
| ROOF TYPE 2 (RT-2): | ASPHALT SHINGLES<br>SYNTHETIC UNDERLAYMENT<br>EXISTING PLYWOOD SHEATHING                                   |
| ROOF TYPE 3 (RT-3): | ASPHALT SHINGLES<br>SYNTHETIC UNDERLAYMENT<br>5/8" PLYWOOD SHEATHING<br>2X6 T&G WOOD DECKING<br>4:12 SLOPE |
| ROOF TYPE 4 (RT-4): | ASPHALT SHINGLES<br>SYNTHETIC UNDERLAYMENT<br>5/8" PLYWOOD SHEATHING<br>2X6 T&G WOOD DECKING<br>3:12 SLOPE |
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**McFarland Park Facility Projects**  
Village of McFarland  
McFarland, WI

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Project Number:  
**3491**

Issued For:  
**Construction Documents**

Issued to Bid 06/05/2020

Sheet Title:  
**Pavilion Addition Plans**

Sheet Number:  
**A1.1C**

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KEYNOTE LEGEND	
EPT-1	EPOXY PAINT
PT-4	PAINT
RES-1	RESINOUS FLOOR



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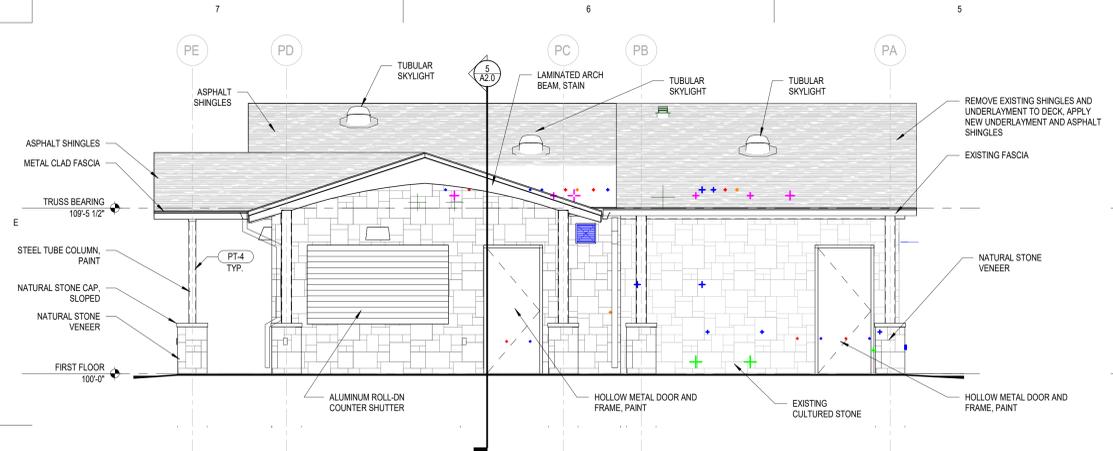
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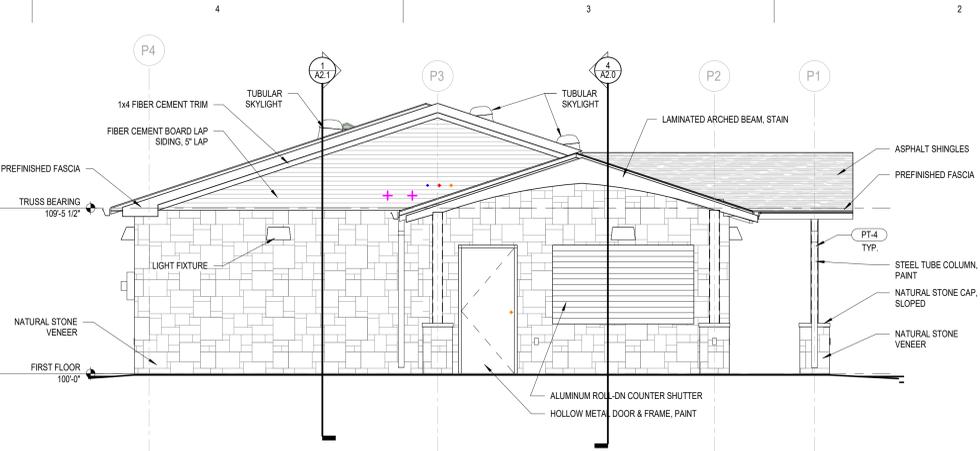
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Sheet Title:  
**Pavilion Addition Elevations and Sections**

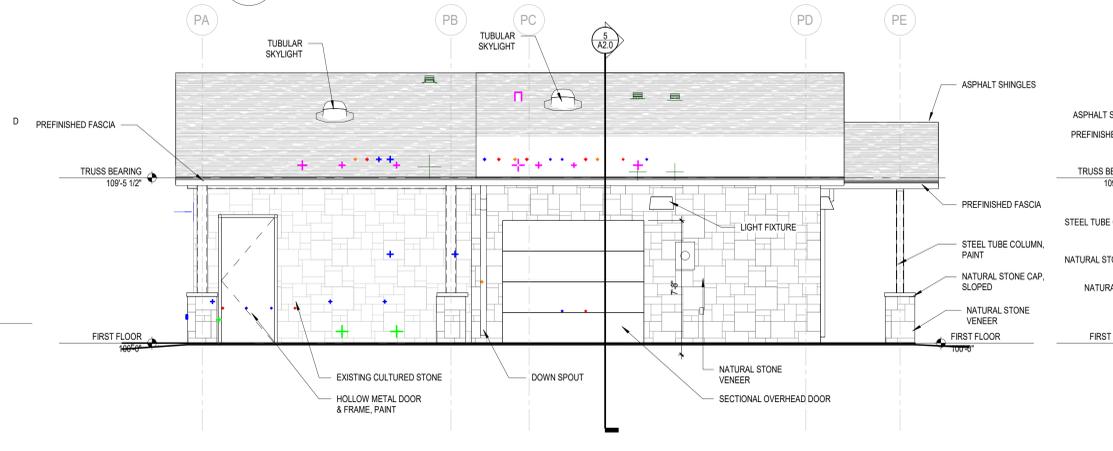
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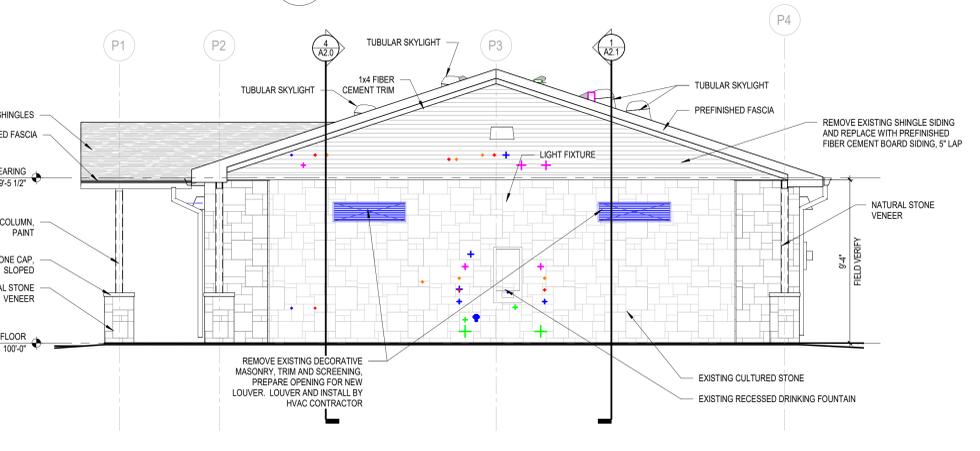
**1 Pavilion Addition Elevation A**  
A2.0 Scale: 1/4" = 1'-0"



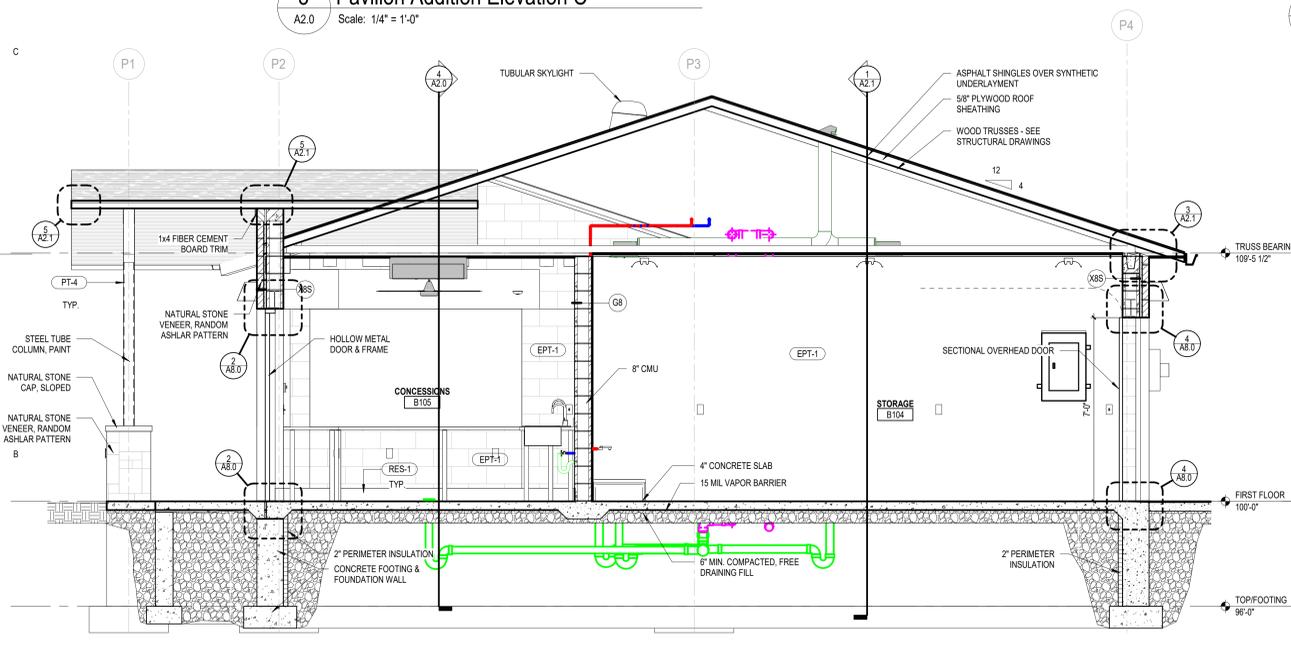
**2 Pavilion Addition Elevation B**  
A2.0 Scale: 1/4" = 1'-0"



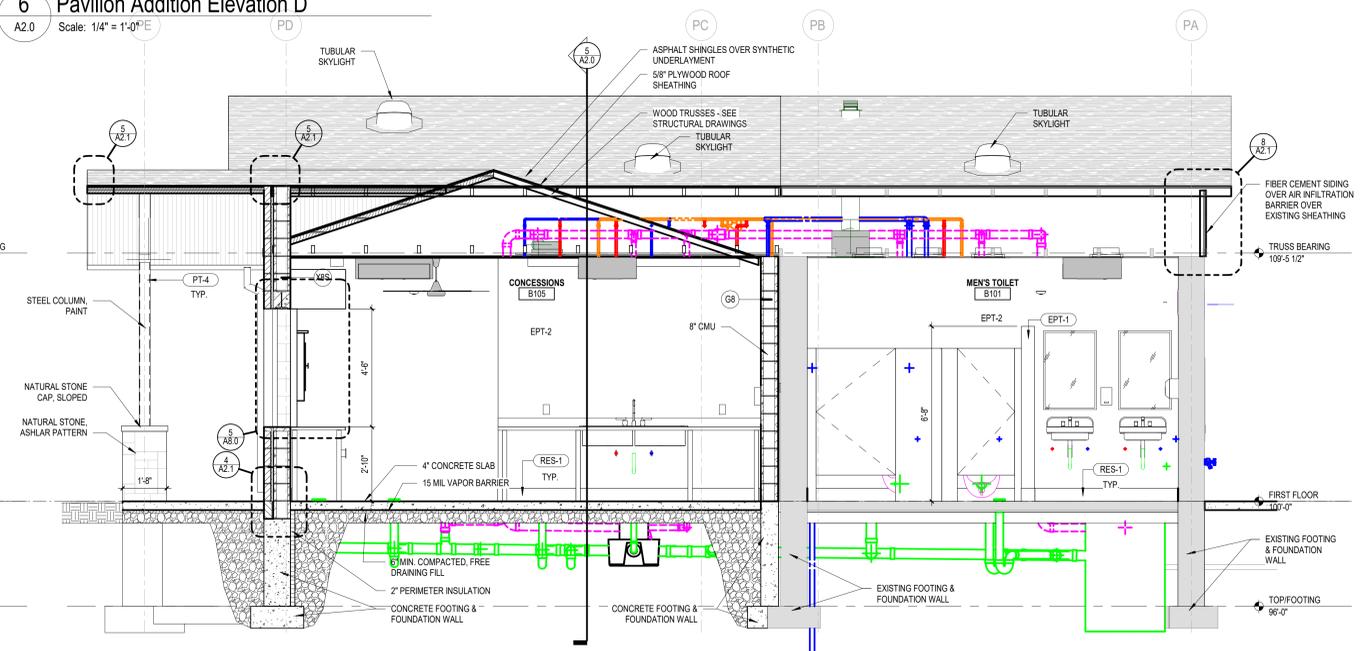
**3 Pavilion Addition Elevation C**  
A2.0 Scale: 1/4" = 1'-0"



**6 Pavilion Addition Elevation D**  
A2.0 Scale: 1/4" = 1'-0"



**5 Pavilion Addition Wall Section B**  
A2.0 Scale: 3/8" = 1'-0"



**4 Pavilion Addition Wall Section A**  
A2.0 Scale: 3/8" = 1'-0"

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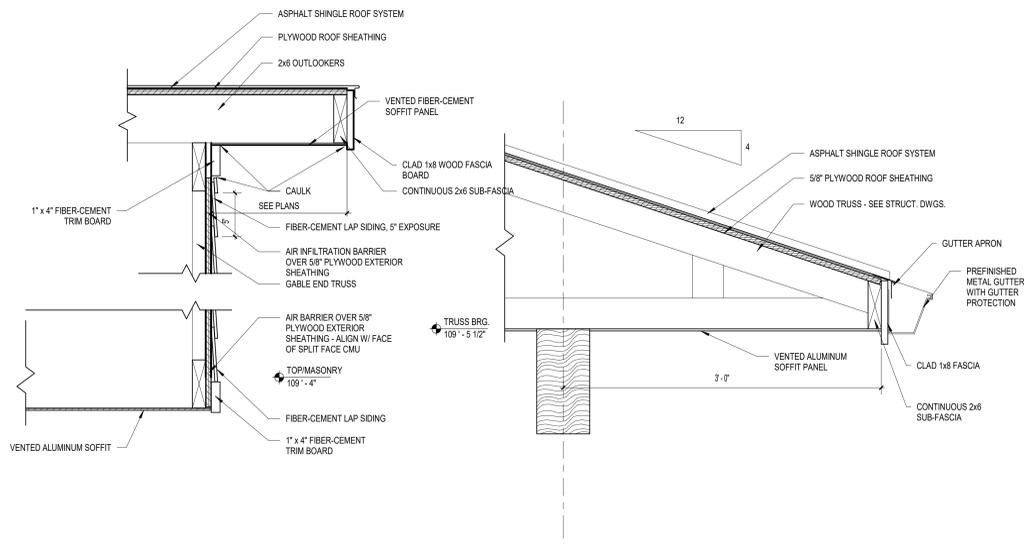
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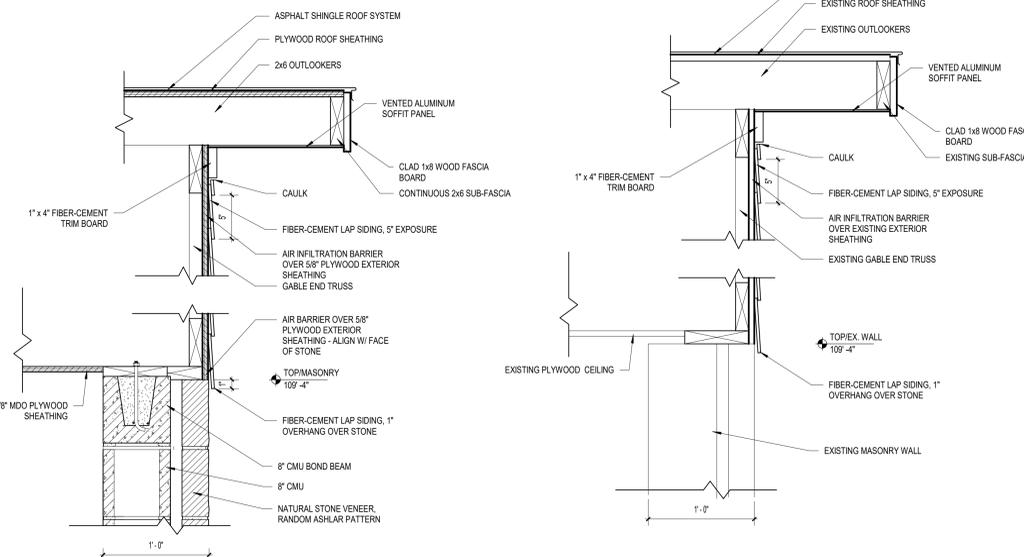
Sheet Title:  
**Pavilion Wall Sections & Details**

Sheet Number:  
**A2.1**



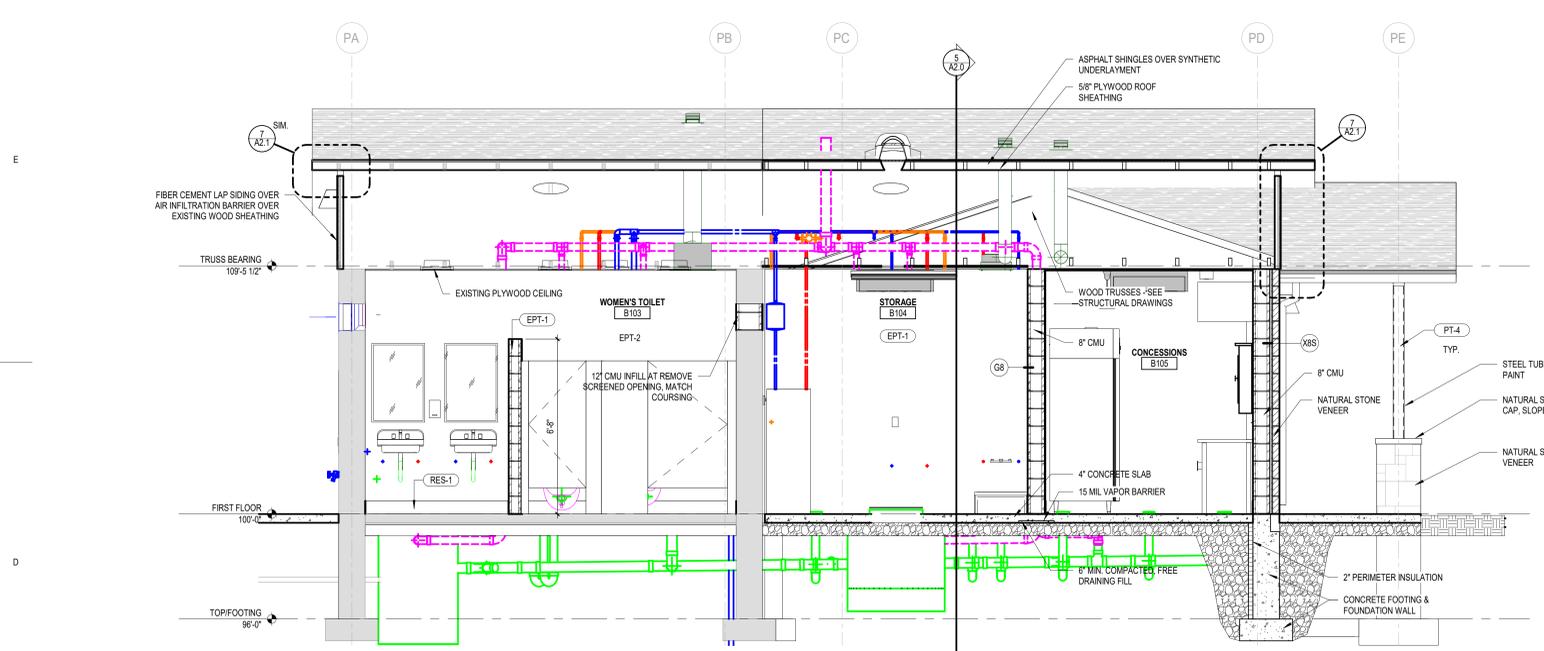
**2 Gable End Overhang**  
A2.1 Scale: 1 1/2" = 1'-0"

**3 Soffit Overhang**  
A2.1 Scale: 1 1/2" = 1'-0"

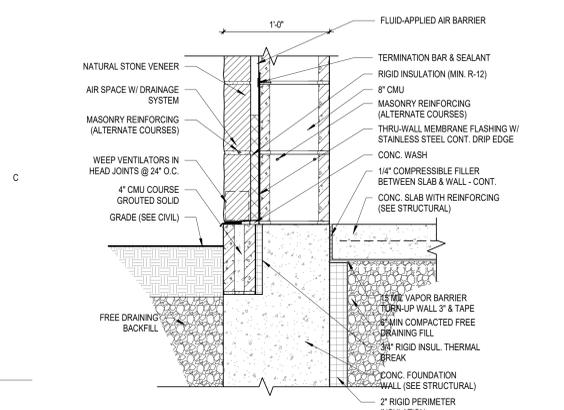


**7 Gable End Overhang @ CMU/Stone**  
A2.1 Scale: 1 1/2" = 1'-0"

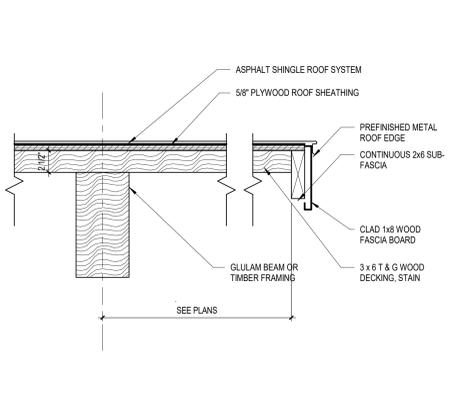
**8 Gable End Overhang @ Existing Wall**  
A2.1 Scale: 1 1/2" = 1'-0"



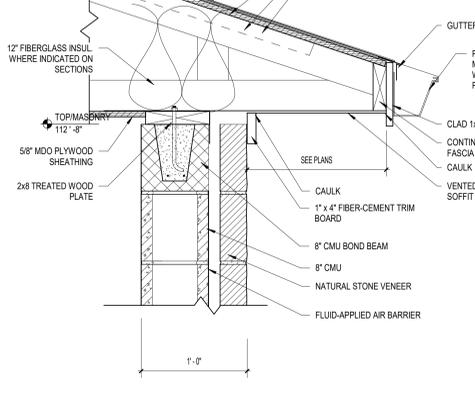
**1 Pavilion Addition Wall Section C**  
A2.1 Scale: 3/8" = 1'-0"



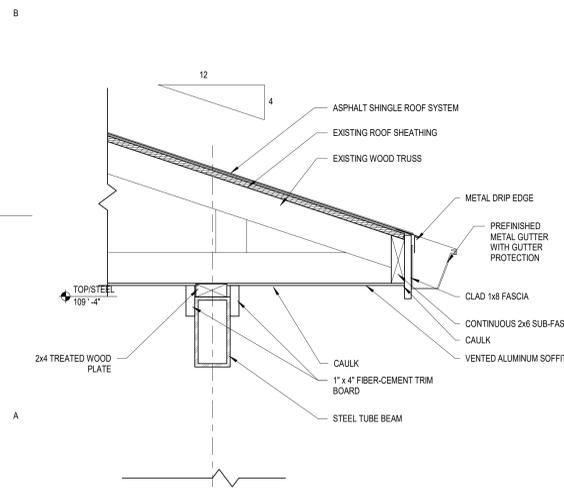
**4 Floor to Exterior Wall**  
A2.1 Scale: 1 1/2" = 1'-0"



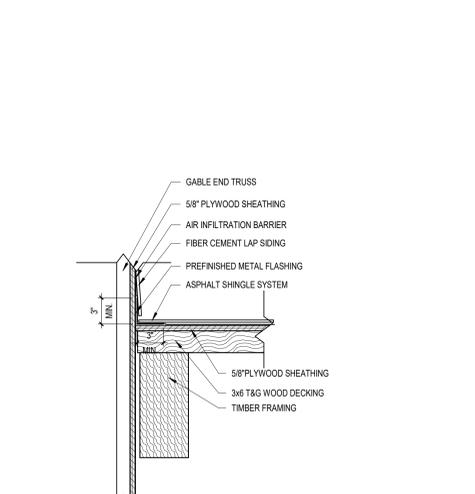
**5 Gable End at Exposed Deck**  
A2.1 Scale: 1 1/2" = 1'-0"



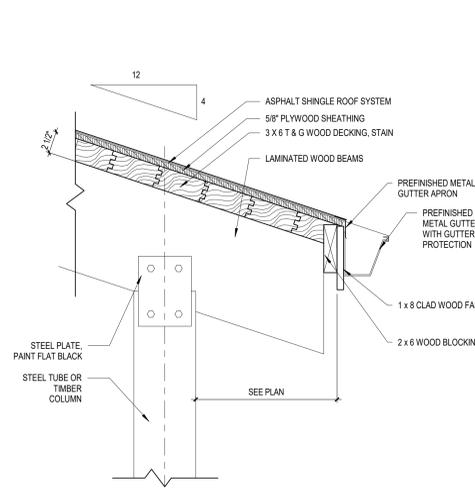
**6 Soffit Overhang @ CMU/Stone**  
A2.1 Scale: 1 1/2" = 1'-0"



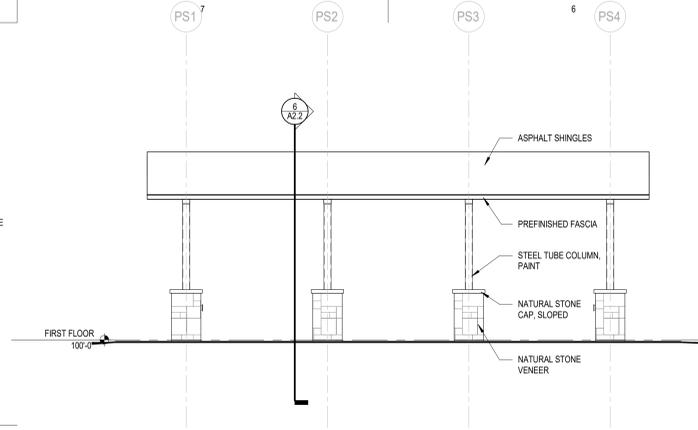
**9 Soffit Overhang @ Existing Wall**  
A2.1 Scale: 1 1/2" = 1'-0"



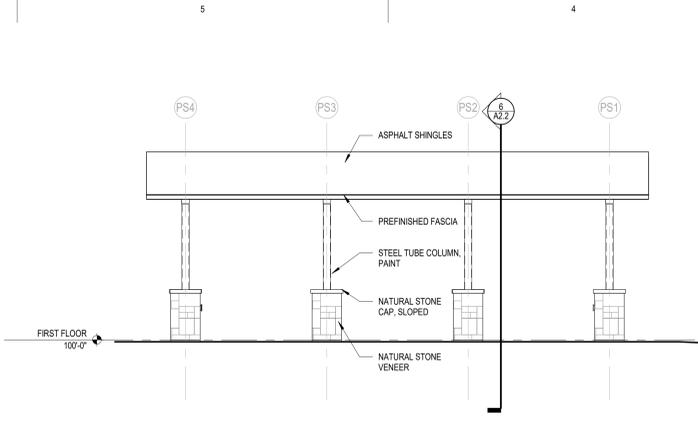
**10 Roof to Wall Details**  
A2.1 Scale: 1 1/2" = 1'-0"



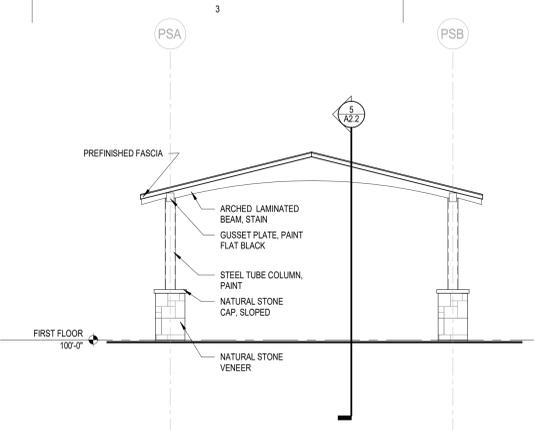
**11 Exposed Roof Decking Overhang Detail**  
A2.1 Scale: 1 1/2" = 1'-0"



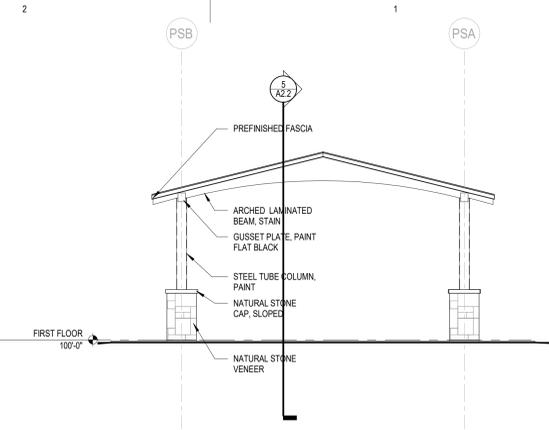
**1 Open Shelter Elevation A**  
A2.2 Scale: 1/4" = 1'-0"



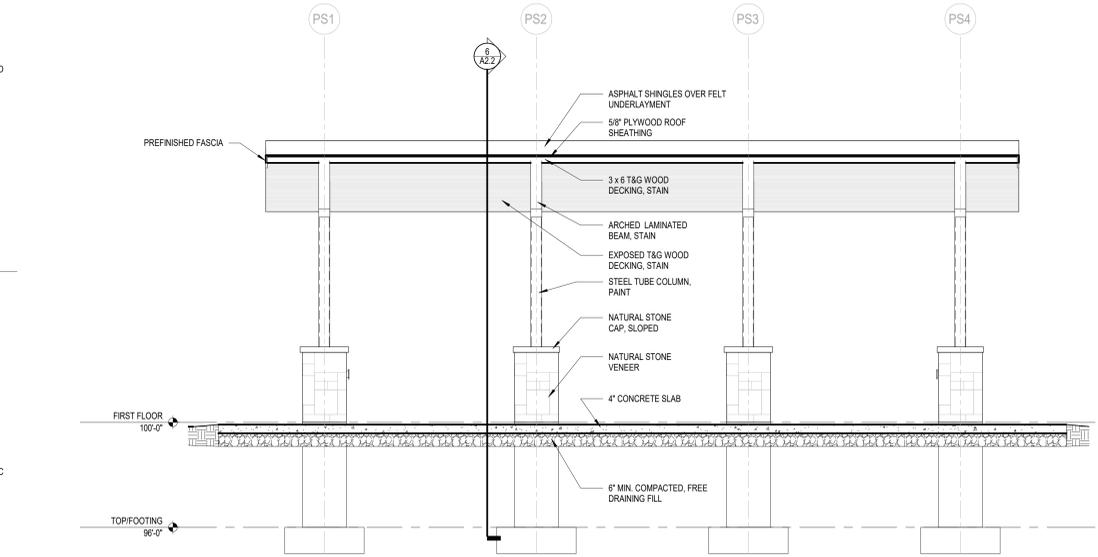
**2 Open Shelter Elevation B**  
A2.2 Scale: 1/4" = 1'-0"



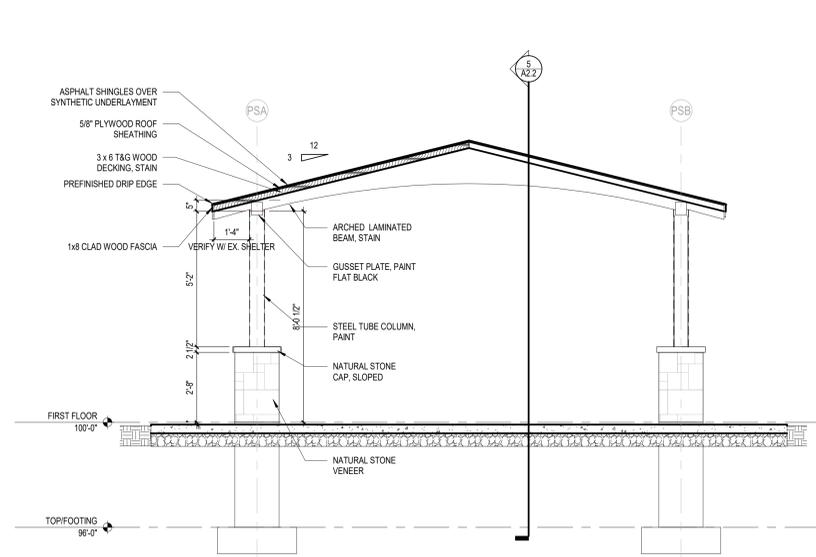
**3 Open Shelter Elevation C**  
A2.2 Scale: 1/4" = 1'-0"



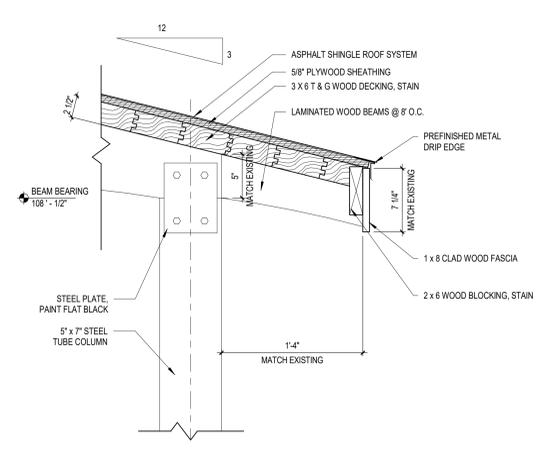
**4 Open Shelter Elevation D**  
A2.2 Scale: 1/4" = 1'-0"



**5 Open Shelter Section A**  
A2.2 Scale: 3/8" = 1'-0"



**6 Open Shelter Section B**  
A2.2 Scale: 3/8" = 1'-0"



**7 Open Air Overhang Detail**  
A2.2 Scale: 1 1/2" = 1'-0"

BIM: 360/3491 - Village of McFarland3491 McFarland Park Projects\_Arch R200.rvt  
 6/5/2020 7:58:29 AM



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**Sheet Title:**  
**Open Shelter Elevations, Sections and Details**

**Sheet Number:**  
**A2.2**

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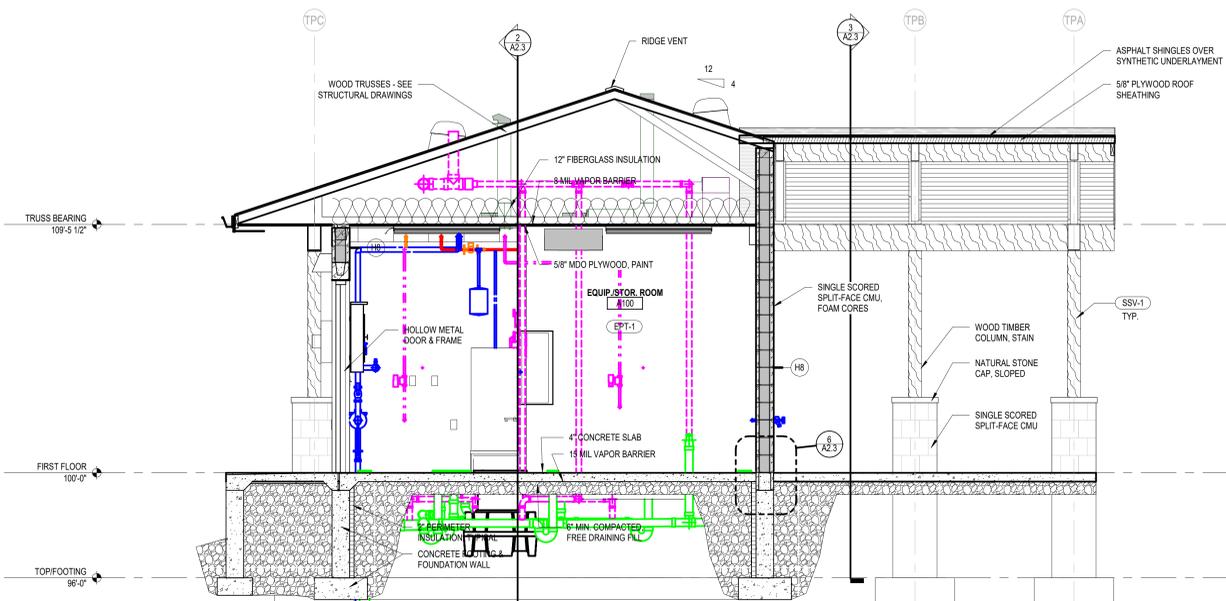
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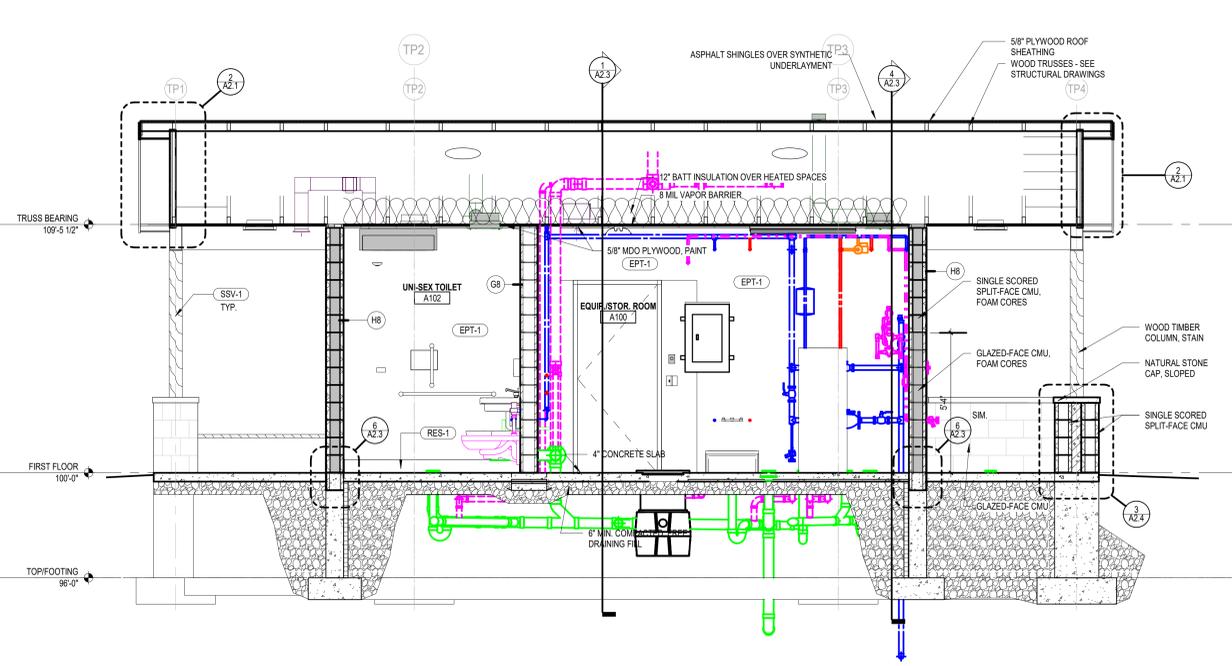
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**Toilet/Dog Wash Shelter Sections & Details**

Sheet Number:

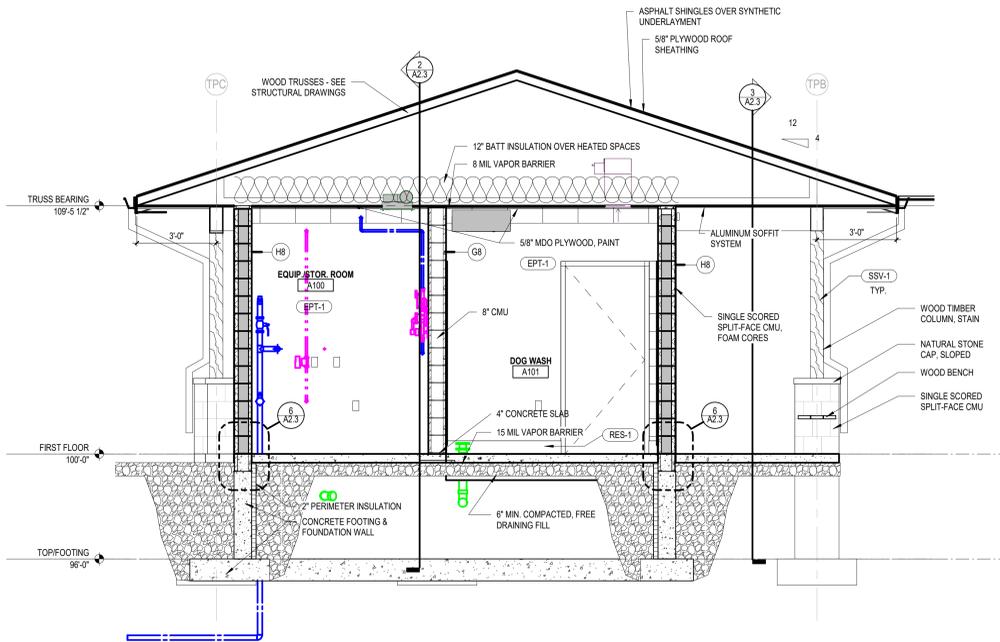
**A2.3**



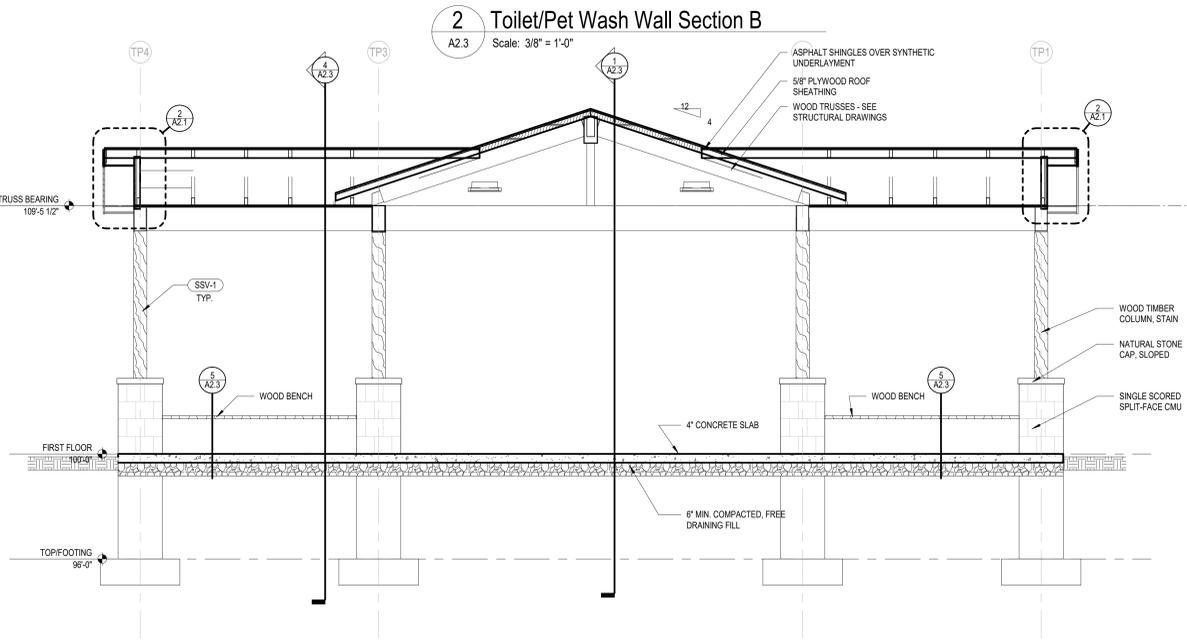
**1 Toilet/Pet Wash Wall Section A**  
A2.3 Scale: 3/8" = 1'-0"



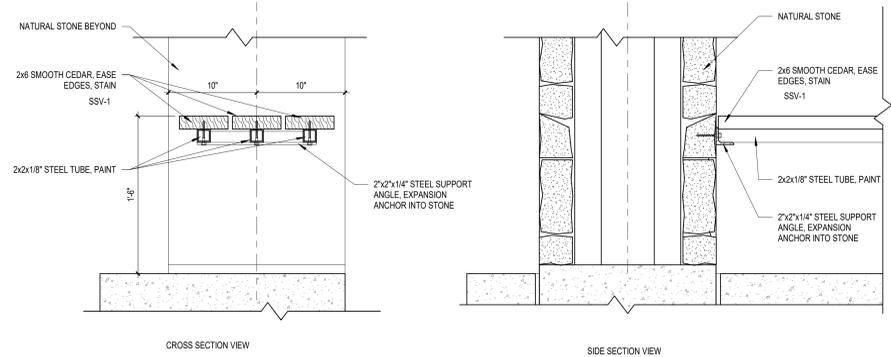
**2 Toilet/Pet Wash Wall Section B**  
A2.3 Scale: 3/8" = 1'-0"



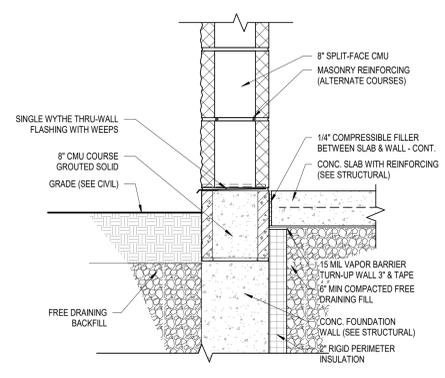
**4 Toilet/Pet Wash Wall Section D**  
A2.3 Scale: 3/8" = 1'-0"



**3 Toilet/Pet Wash Wall Section C**  
A2.3 Scale: 3/8" = 1'-0"



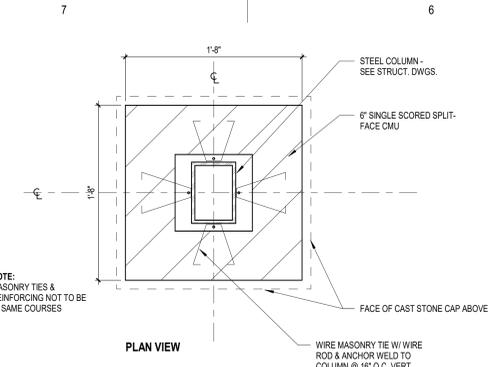
**5 Bench Detail**  
A2.3 Scale: 1 1/2" = 1'-0"



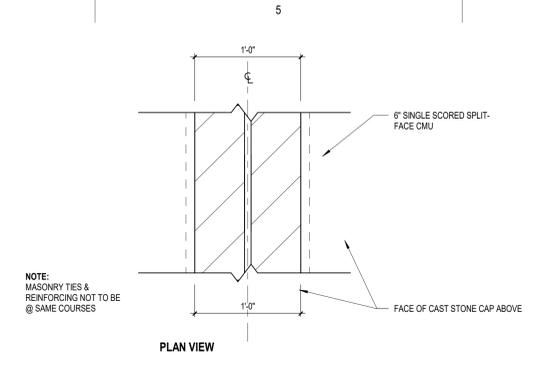
**6 Floor to Single Wythe Exterior Wall**  
A2.3 Scale: 1 1/2" = 1'-0"

**KEYNOTE LEGEND**

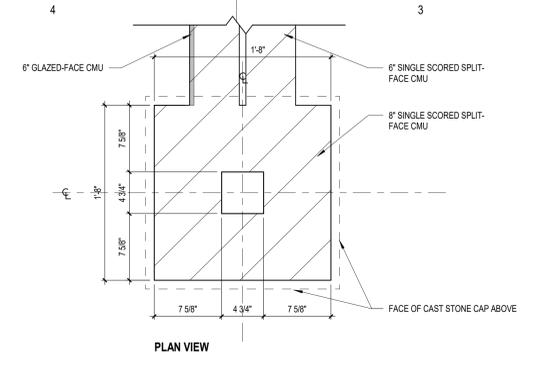
EPT-1	EPOXY PAINT
RES-1	RESINOUS FLOOR
SSV-1	WOOD STAIN - SEE INTERIOR FINISH LEGEND



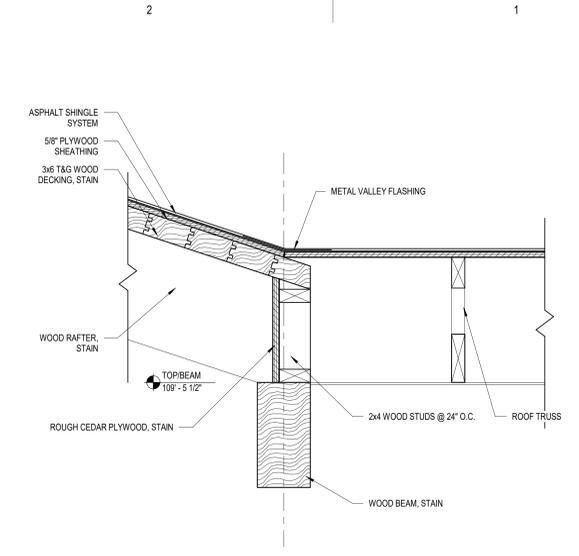
PLAN VIEW



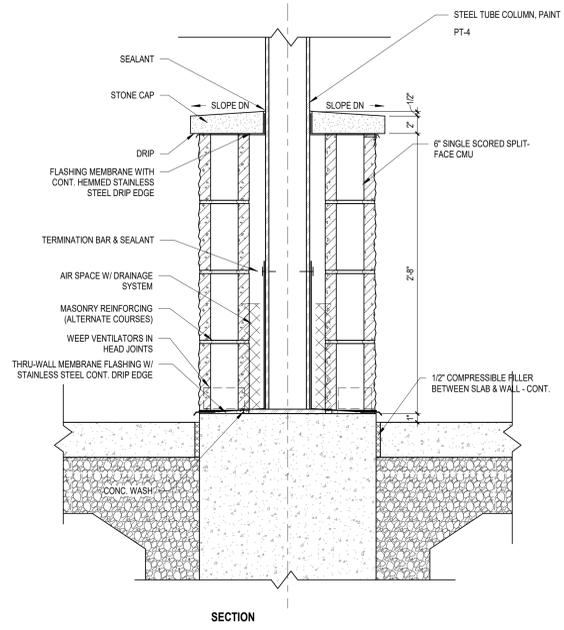
PLAN VIEW



PLAN VIEW

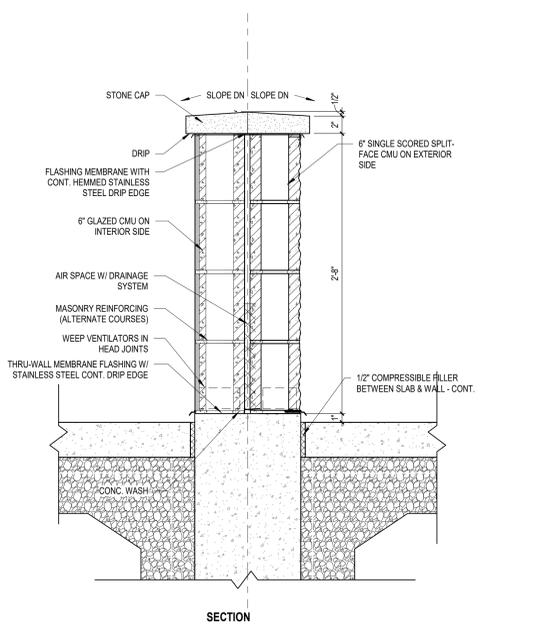


4 Sloped Roof to Soffit  
A2.4 Scale: 1 1/2" = 1'-0"



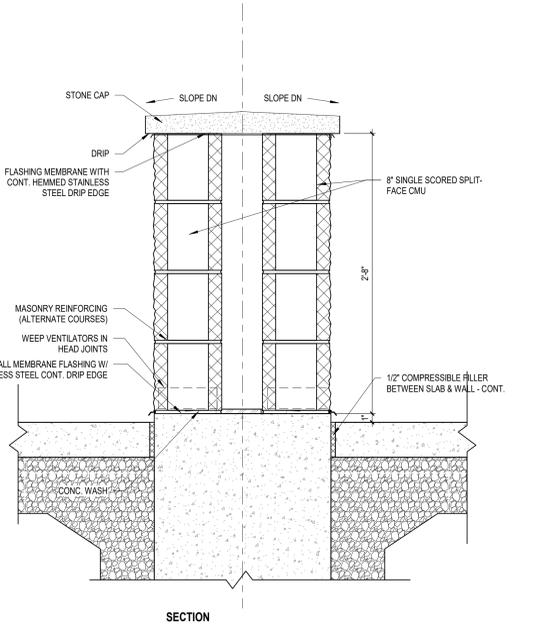
SECTION

1 Rockface CMU/Column Pier Detail  
A2.4 Scale: 1 1/2" = 1'-0"



SECTION

2 CMU Knee Wall Detail  
A2.4 Scale: 1 1/2" = 1'-0"



SECTION

3 Rockface CMU Pier Detail  
A2.4 Scale: 1 1/2" = 1'-0"

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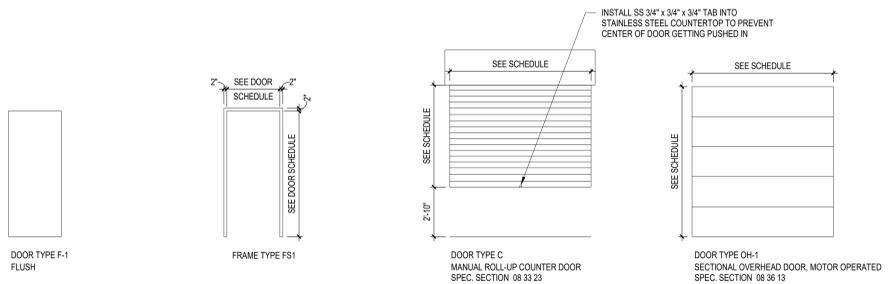
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**Details**

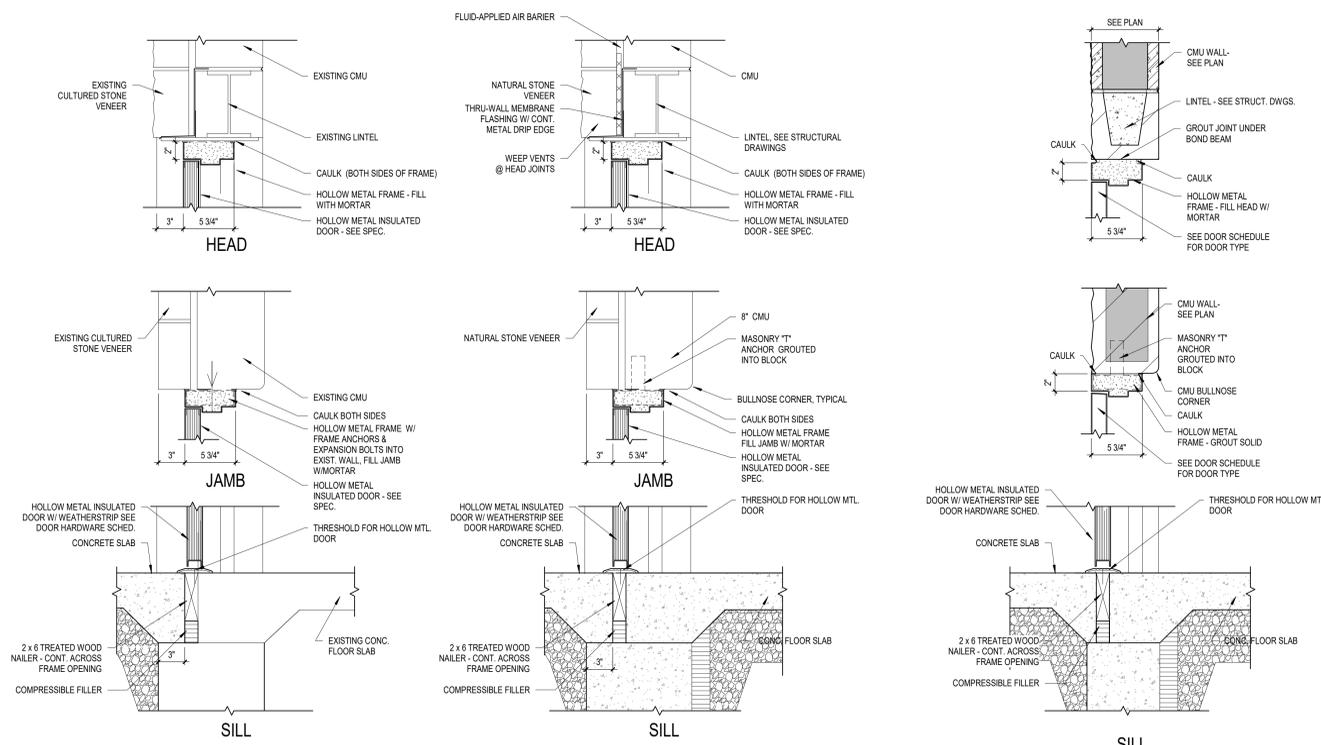
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**A2.4**

### Door and Frame Types

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



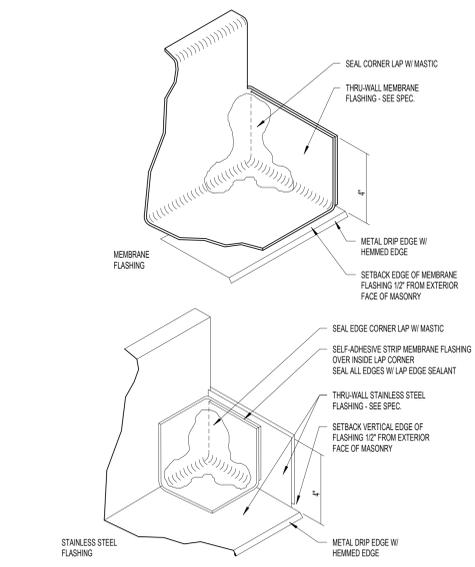
MARK	DOOR				FRAME		DETAILS			RATING	HARDWARE GROUP	COMMENTS
	WIDTH	HEIGHT	TYPE	MATERIAL	TYPE	FINISH	HEAD	JAMB	SILL			
A100A	3'-0"	7'-2"	F-1	HMPT	FS-1	PT	3/A8.0	3/A8.0	3/A8.0	---	1	ELECTRIC STRIKE, CARD READER (BY OTHERS)
A101A	3'-0"	7'-2"	F-1	HMPT	FS-1	PT	3/A8.0	3/A8.0	3/A8.0	---	2	ELECTRIC STRIKE, CARD READER (BY OTHERS)
A102A	3'-0"	7'-2"	F-1	HMPT	FS-1	PT	3/A8.0	3/A8.0	3/A8.0	---	2	ELECTRIC STRIKE
A103A	3'-0"	7'-2"	F-1	HMPT	FS-1	PT	3/A8.0	3/A8.0	3/A8.0	---	2	ELECTRIC STRIKE
B101A	3'-0"	7'-2"	F-1	HMPT	FS-1	PT	1/A8.0	1/A8.0	1/A8.0	---	2	ELECTRIC STRIKE
B103A	3'-0"	7'-2"	F-1	HMPT	FS-1	PT	1/A8.0	1/A8.0	1/A8.0	---	2	ELECTRIC STRIKE
B104A	8'-0"	7'-0"	OH-1	STEEL/PREFIN.	---	---	4/A8.0	4/A8.0	4/A8.0	---	---	MOTOR OPERATED
B105A	3'-0"	7'-2"	F-1	HMPT	FS-1	PT	2/A8.0	2/A8.0	2/A8.0	---	1	ELECTRIC STRIKE, CARD READER (BY OTHERS)
B105B	8'-0"	4'-6"	C	ALUM	---	---	5/A8.0	6/A8.0	5/A8.0	---	---	MANUAL LIFT
B105C	8'-0"	4'-6"	C	ALUM	---	---	5/A8.0	6/A8.0	5/A8.0	---	---	MANUAL LIFT
B105D	3'-0"	7'-2"	F-1	HMPT	FS-1	PT	2/A8.0	2/A8.0	2/A8.0	---	1	ELECTRIC STRIKE



1 HM Door Head/Jamb/Sill @ Existing CMU/Stone  
A8.0 Scale: 1 1/2" = 1'-0"

2 Head, Jamb & Sill @ Stone/CMU  
A8.0 Scale: 1 1/2" = 1'-0"

3 Head, Jamb & Sill @ Rock-Face CMU  
A8.0 Scale: 1 1/2" = 1'-0"



8 Thru-wall Flashing End Dam  
A8.0 Scale: 3" = 1'-0"

4 Overhead Door Head/Jamb/Sill  
A8.0 Scale: 1 1/2" = 1'-0"

5 Roll-up Counter Door  
A8.0 Scale: 1 1/2" = 1'-0"

7 Exterior Threshold Conditions  
A8.0 Scale: 6" = 1'-0"

6 Roll-up Door Track Jamb  
A8.0 Scale: 3" = 1'-0"



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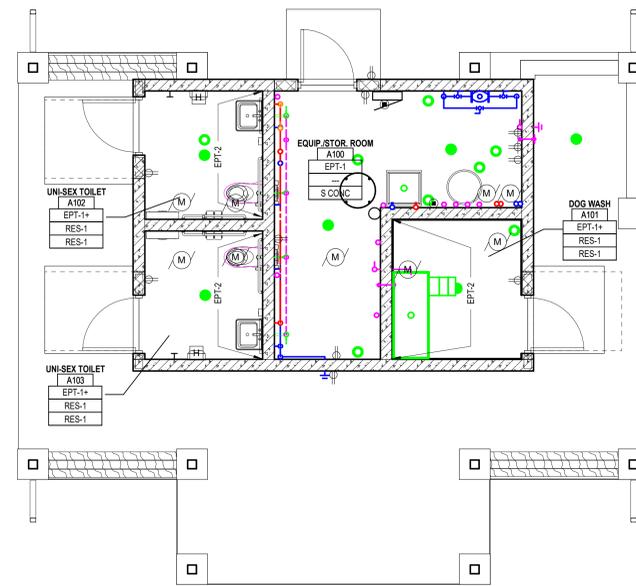
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**Door Schedule, Door & Frame Types, Details**

Sheet Number:  
**A8.0**

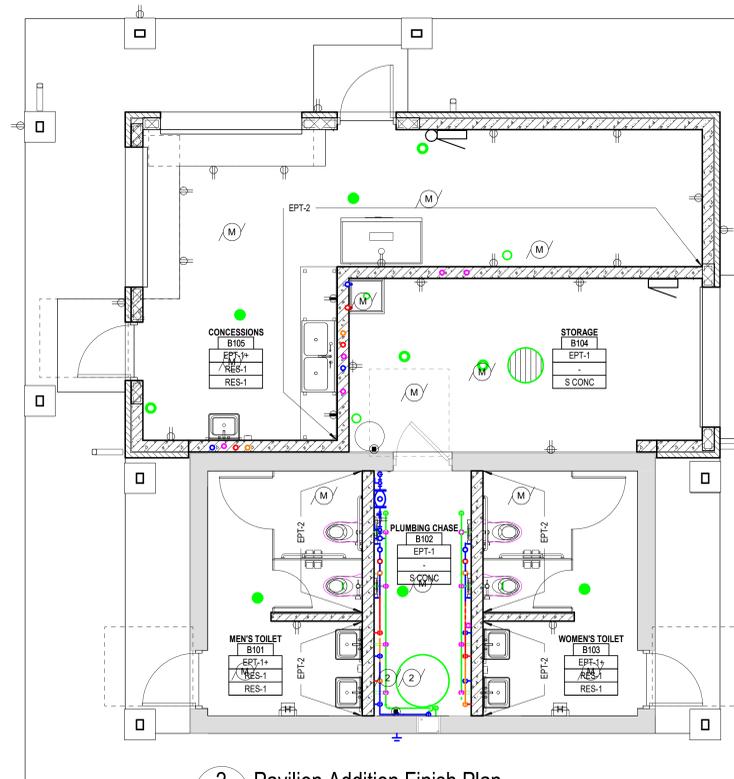
INTERIOR FINISH LEGEND					
TAG	MATERIAL (GENERIC TYPE)	MATERIAL MANUFACTURER	MATERIAL SPECIFICATION	MATERIAL SIZE	MATERIAL NOTES
EPT-1	EPOXY PAINT		TO MATCH PT-1; SHERWIN WILLIAMS SW7050 USEFUL GRAY		
EPT-2	EPOXY PAINT		TO MATCH PT-3; SHERWIN WILLIAMS SW 9135 WHIRLPOOL		
PT-1	PAINT (FIELD)	SHERWIN WILLIAMS	SW7050 USEFUL GRAY		
PT-2	PAINT (DOOR FRAMES)	SHERWIN WILLIAMS	SW6223 STILL WATER		
PT-3	PAINT (ACCENT)	SHERWIN WILLIAMS	SW9135 WHIRLPOOL		
PT-4	PAINT (EXT. METAL STRUCTURES)	SHERWIN WILLIAMS	SW2803 ROOKWOOD TERRA COTTA		
RES-1	RESINOUS FLOORING (EPOXY)	STONHARD	STONTEC - SMOKY MOUNTAINS; SMALLFLAKES		USED FOR WALLBASE. 6"H.
SC-1	SEALED CONCRETE				
SSV-1	WOOD STAIN	SHERWIN WILLIAMS	SW 3511 CEDAR BARK		
TP-1	TOILET PARTITION	ACCURATE PARTITIONS	COLOR: CHARCOAL 9237 FINISH: PEBBLE GRAINED		

**PROJECT KEYNOTE LEGEND**

EPT-1	EPOXY PAINT
FR-1	FIBER REINFORCED PANEL
PT-1	PAINT
RES-1	RESINOUS FLOOR
SSV-1	WOOD STAIN - SEE INTERIOR FINISH LEGEND
TA-1	TOILET PAPER DISPENSER - FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
TA-4	LIQUID SOAP DISPENSER - FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
TA-5	ELECTRIC HAND DRYER - FURNISHED BY ELEC. CONTRACTOR, INSTALLED BY ELEC. CONTRACTOR
TA-6	42", 36", 18"V GRAB BAR SET - FURNISHED BY CONTRACTOR, INSTALLED BY CONTRACTOR
TA-8	BABY CHANGING STATION - FURNISHED BY CONTRACTOR, INSTALLED BY CONTRACTOR
TA-12	MIRROR - SEE INTERIOR ELEVATION FOR SIZE - FURNISHED BY CONTRACTOR, INSTALLED BY CONTRACTOR
TA-14	ROBE HOOK - FURNISHED BY CONTRACTOR, INSTALLED BY CONTRACTOR



**1 Toilet/Dog Wash Shelter Finish Plan**  
A9.0 Scale: 1/4" = 1'-0"



**2 Pavilion Addition Finish Plan**  
A9.0 Scale: 1/4" = 1'-0"

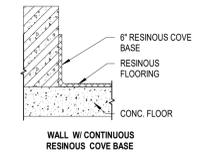
**GENERAL FINISH NOTES**

**FINISH PLAN LEGEND**

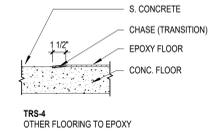
ROOM NUMBER	ROOM NAME
WF	101
WB	
FF	

**FINISH PLAN GENERAL NOTES:**

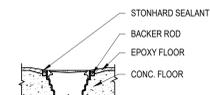
- INTERIOR FINISHES AS DEFINED BY THE 2015 INTERNATIONAL BUILDING CODE - ARE TO BE IN ACCORDANCE WITH THE CODE REQUIREMENTS SET FORTH IN CHAPTER 8 OF THE 2015 IBC AS WELL AS ALL OTHER STATE/LOCAL CODE REQUIREMENTS.
- FOLLOW MANUFACTURER'S WRITTEN INSTALLATION GUIDELINES FOR ALL FINISHES/MATERIALS.
- REFERENCE FINISH PLANS, ELEVATIONS AND REFLECTED CEILING PLAN FOR LOCATIONS OF ALL MATERIALS.
- FLOORING TRANSITIONS TO OCCUR AT CENTERLINE OF DOOR UNLESS NOTED OTHERWISE.
- PROVIDE TRANSITION STRIPS AT CHANGES IN FLOORING.
- SEE DETAILS AND INTERIOR FINISH LEGEND FOR FLOORING TRANSITION TYPES.
- MECHANICAL GRILLES AND DIFFUSERS SHALL BE PAINTED TO MATCH ADJACENT WALL SURFACE UNLESS NOTED OTHERWISE.
- FIELD PAINT IN ANY SPACE IS NOTED IN ROOM TAG. ACCENT PAINT AND ANY ADDITIONAL FINISHES ARE NOTED ON THE FINISH PLAN.
- \*MULTIPLE FLOOR FINISH INDICATES MULTIPLE FLOORING MATERIALS. SEE FINISH PLANS FOR FLOORING TYPES.



**3 Typical Floor to Base Condition**  
A9.0 Scale: 1 1/2" = 1'-0"



**4 Typical Floor Transition**  
A9.0 Scale: 1 1/2" = 1'-0"



**5 Drain Isolation Detail**  
A9.0 Scale: 1 1/2" = 1'-0"

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Sheet Title:

**Finish Plans,  
Interior Finish  
Legend, General  
Finish Notes and  
Details**

Sheet Number:

**A9.0**

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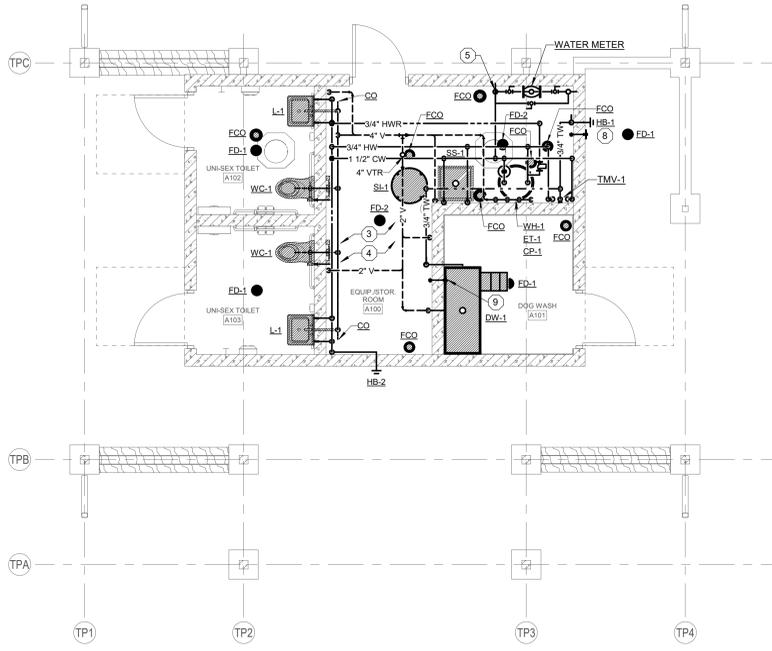
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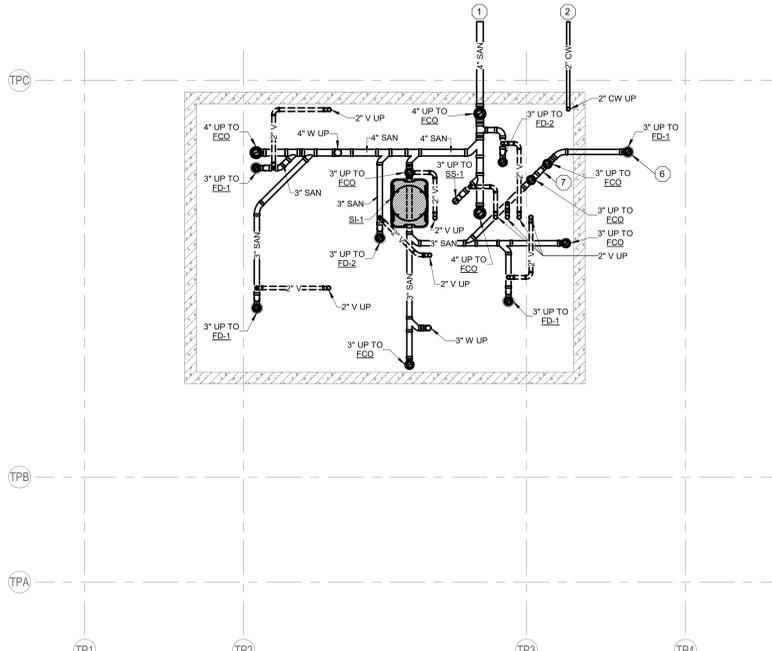
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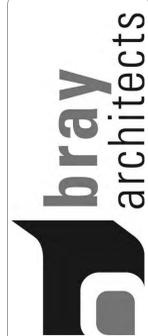


**1 TOILET / PET WASH SHELTER FLOOR PLAN**  
 P1.1A Scale: 1/4" = 1'-0"



**2 TOILET / PET WASH SHELTER FOUNDATION PLAN**  
 P1.1A Scale: 1/4" = 1'-0"

- INSTALLATION NOTES**
- NOT ALL KEYNOTES APPEAR ON THIS SHEET
1. TERMINATE SANITARY DRAIN PIPING 5 FEET OUTSIDE OF BUILDING FOR EXTENSION TO SANITARY SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS OF UNDERGROUND DRAIN PIPING WITH SEWER PIPING PRIOR TO ANY INSTALLATION. PROVIDE A MINIMUM OF 5.5 FEET OF GROUND COVER OVER SANITARY DRAIN PIPING. SEE CIVIL SHEETS FOR MORE INFORMATION.
  2. TERMINATE WATER SERVICE PIPING 5 FEET OUTSIDE OF BUILDING FOR EXTENSION TO WATER SERVICE LATERAL BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS TO ANY INSTALLATION. PROVIDE A MINIMUM OF 6.5 FEET OF GROUND COVER OVER WATER SERVICE PIPING. SEE CIVIL SHEETS FOR MORE INFORMATION.
  3. ROUTE WATER PIPING EXPOSED TIGHT TO INTERIOR SIDE OF THE WALL. PROVIDE U-STRUT CHANNEL AS REQUIRED.
  4. ROUTE WATER PIPING EXPOSED TIGHT TO INTERIOR SIDE OF THE CEILING. PROVIDE U-STRUT CHANNEL AS REQUIRED.
  5. PROVIDE DRAIN DOWN VALVE AT THE LOWEST POINT OF THE WATER PIPING. ALL WATER PIPING SHALL BE INSTALLED WITH 1/8" SLOPE TO ALLOW FOR WINTERIZATION DRAINING TO THE LOWEST POINT OF THE SYSTEM.
  6. OUTDOOR FLOOR DRAIN SHALL HAVE TRAP LOCATED INSIDE BUILDING FOR FREEZE PROTECTION.
  7. LOCATION OF INDOOR TRAP WITH FLOOR CLEANOUTS. SEE ISOMETRIC DRAWING FOR MORE DETAIL.
  8. OUTDOOR PET WASH STATION TO HAVE 42" HEIGHT WALL MOUNTED PUSH BUTTON TO CONTROL INDOOR SOLENOID VALVE LOCATED IN TEMPERED WATER LINE BEHIND WALL IN SPACE A100. CONNECT HOSE AND WASHING WAND TO HOSE BIBB AND COIL HOSE/WAND ON WALL MOUNTED HOOK. ADJUST VALVE CONTROLLER TO TIME LIMIT DESIRED BY OWNER. SET HOSE BIBB TO OPEN POSITION SUCH THAT WATER FLOW IS CONTROLLED BY PUSH BUTTON FOR SOLENOID VALVE.
  9. INDOOR DOG WASH STATION WITH PRE-MANUFACTURED STAINLESS STEEL TUB PER SCHEDULE. MOUNT PUSH BUTTON ON TUB NEAR UPPER RIGHT CORNER TO CONTROL SOLENOID VALVE LOCATED IN TEMPERED WATER LINE BEHIND WALL IN SPACE A100. CONNECT HOSE AND SPRAYER HEAD TO PROVIDED SPOUT MOUNTED ON RIGHT SIDE OF TUB. AND CONNECT SINGLE TEMPERED WATER CONNECTION TO PLUMBING CONNECTION. CAP OFF OPEN PLUMBING CONNECTION ON FIXTURE AND FIX SUPPLY VALVES IN OPEN POSITION SUCH THAT WATER FLOW IS CONTROLLED BY PUSH BUTTON FOR SOLENOID VALVE.



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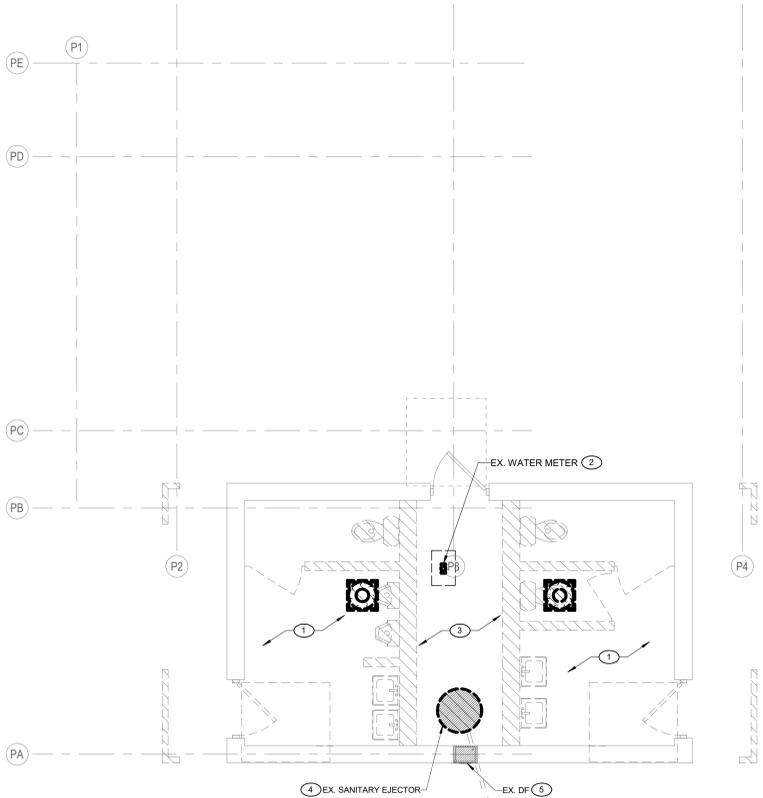
**Sheet Title:**  
 TOILET / DOG WASH SHELTER PLANS

**Sheet Number:**  
 P1.1A

**DEMOLITION NOTES**

NOT ALL KEYNOTES APPEAR ON THIS SHEET

- REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURES/EQUIPMENT. REMOVE ALL EXISTING PIPING TO MINIMUM 36" BELOW FINISHED FLOOR AND PLUG/CAP REMAINING PIPE. COORDINATE WITH ARCHITECT AND GENERAL CONTRACTOR TO PATCH SURFACES TO ALLOW PROPER FINISH TO NEW BATHROOM SURFACES.
- EXISTING WATER METER AND 1-1/2" CW SERVICE INSIDE A PIT TO BE REMOVED BACK TO WATER MAIN TO ALLOW FOR INSTALLATION OF NEW 2" SERVICE. COORDINATE WITH GENERAL CONTRACTOR AND SITE CIVIL FOR NEW CONNECTION OF 2" SERVICE.
- REMOVE AND DISPOSE OF ALL EXISTING PLUMBING FIXTURES/EQUIPMENT/PIPING LOCATED IN THIS SPACE TO A MINIMUM OF 36" BELOW FINISHED FLOOR AND PLUG/CAP REMAINING PIPE.
- REMOVE AND DISPOSE OF EXISTING SANITARY EJECTOR PUMP AND PIT. EXISTING 2" PUMP DISCHARGE PIPE TO REMAIN AND BE REUSED. TEMPORARILY CAP AND ALLOW FOR RECONNECTION OF REMAINING PIPE. BACK FILL WITH GRAVEL AS REQUIRED TO INSTALL NEW SEWAGE EJECTOR PIT PER NEW PLANS. COORDINATE WITH GENERAL CONTRACTOR FOR SAW CUTTING OF FLOOR TO ALLOW FOR COMPLETE REMOVAL OF ALL REMOVED EQUIPMENT AND PIPING.
- EXISTING DRINKING FOUNTAIN TO REMAIN.

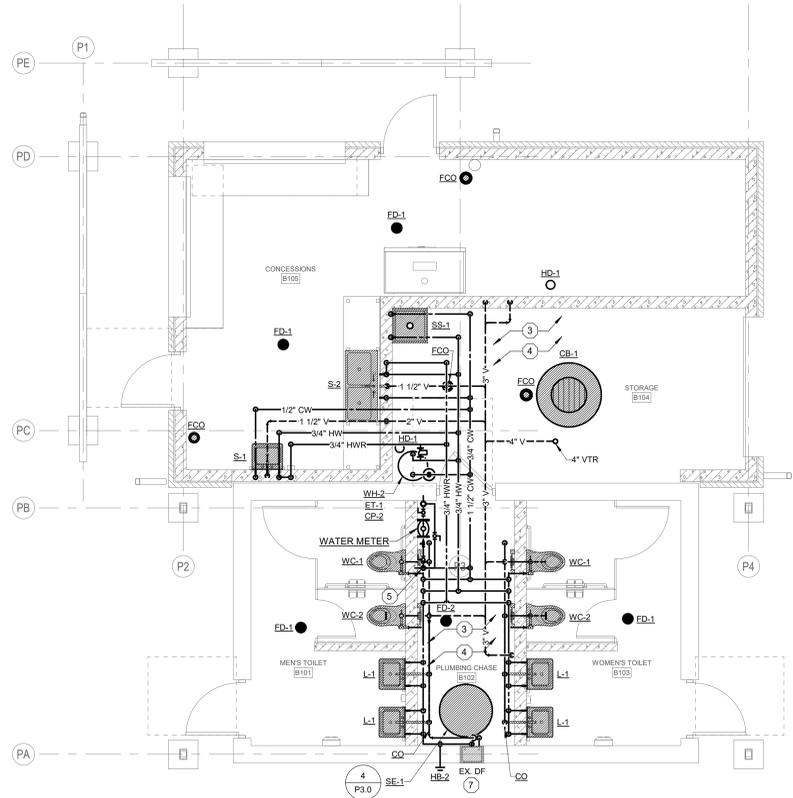


**3 PAVILION ADDITION DEMOLITION PLAN**  
 P1.1C Scale: 1/4" = 1'-0"

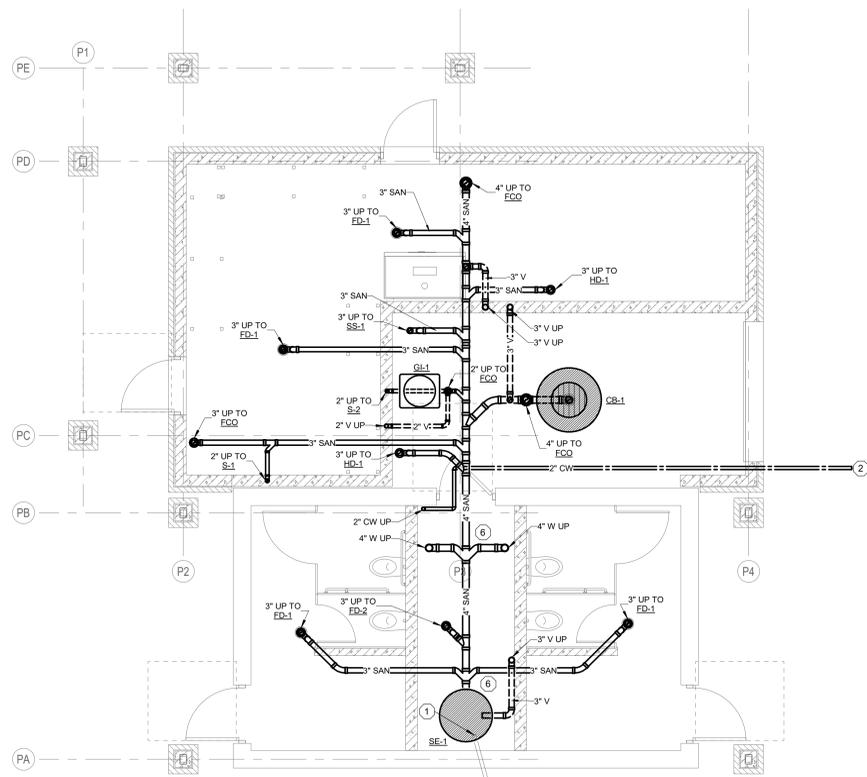
**INSTALLATION NOTES**

NOT ALL KEYNOTES APPEAR ON THIS SHEET

- EXISTING 2" PRESSURIZED SANITARY SEWER. FIELD VERIFY INVERT ELEVATIONS OF UNDERGROUND DRAIN PIPING WITH SEWER PIPING PRIOR TO ANY INSTALLATION. PROVIDE CAMERA INSPECTION AND CLEANING OF EXISTING DRAIN. NOTIFY ENGINEER OF ANY IRREGULARITIES THAT WILL PREVENT THE NORMAL OPERATIONS OF THE SYSTEM. SEE CIVIL SHEETS FOR MORE INFORMATION.
- TERMINATE NEW 2" WATER SERVICE PIPING TO 5 FEET OUTSIDE OF BUILDING FOR EXTENSION TO WATER SERVICE LATERAL BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS TO ANY INSTALLATION. PROVIDE A MINIMUM OF 6.5 FEET OF GROUND COVER OVER WATER SERVICE PIPING. COORDINATE CONNECTION TO NEW SERVICE WITH SITE UTILITY CONTRACTOR TO ALLOW FOR WINTERIZATION OF BUILDING. SEE CIVIL SHEETS FOR MORE INFORMATION.
- ROUTE WATER PIPING EXPOSED TIGHT TO INTERIOR SIDE OF THE WALL. PROVIDE U-STRUT CHANNEL AS REQUIRED.
- ROUTE WATER PIPING EXPOSED TIGHT TO INTERIOR SIDE OF THE CEILING. PROVIDE U-STRUT CHANNEL AS REQUIRED.
- PROVIDE DRAIN DOWN VALVE AT THE LOWEST POINT OF THE WATER PIPING. ALL WATER PIPING SHALL BE INSTALLED WITH 1/8" SLOPE TO ALLOW FOR WINTERIZATION DRAINING TO THE LOWEST POINT OF THE SYSTEM.
- PROVIDE COMBINATION DRAIN AND VENT INSTALLATION PER SPS 302.31(17)(b). PROVIDE FLOOR CLEANOUTS AS REQUIRED FOR PROPER INSTALLATION.
- PROVIDE NEW DOMESTIC COLD WATER PIPING AND SANITARY DRAIN, WASTE AND VENT PIPING TO EXISTING PLUMBING FIXTURE. MOUNT NEW PIPING TIGHT TO WALL OF ROOM B102.



**1 PAVILION ADDITION FLOOR PLAN**  
 P1.1C Scale: 1/4" = 1'-0"



**2 PAVILION ADDITION FOUNDATION PLAN**  
 P1.1C Scale: 1/4" = 1'-0"



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 Village of McFarland  
 McFarland, WI

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**Sheet Title:**  
 PAVILION ADDITION PLANS

**Sheet Number:**  
 P1.1C

E

D

C

B

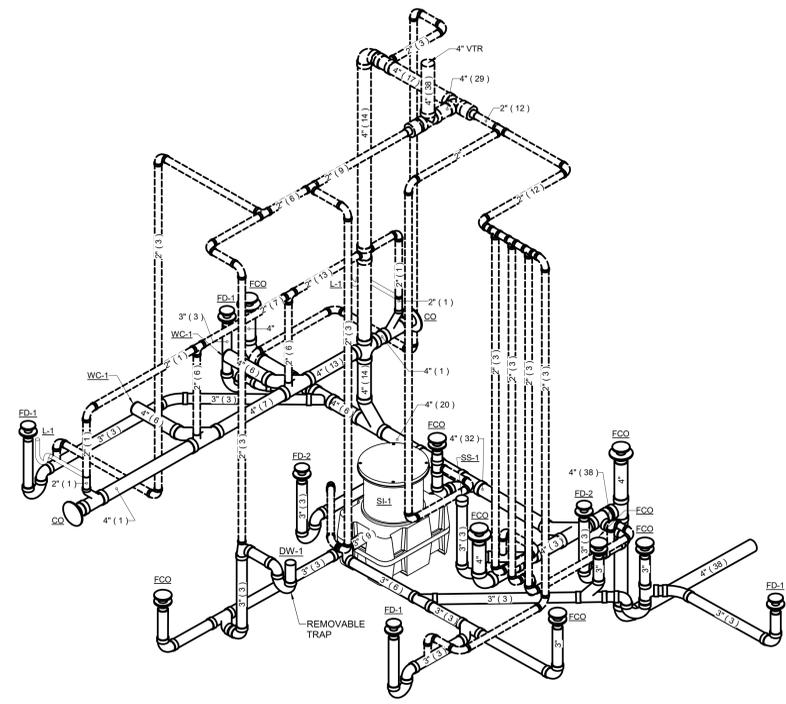
A

**SANITARY ISOMETRIC NOTES**

SEE FOUNDATION / FLOOR PLANS AND PLUMBING FIXTURE UNIT TABLE ON SHEET P0.0 FOR DRAIN WASTE BRANCH PIPE SIZE TO FIXTURE.

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

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



TOILET / PET WASH SHELTER SANITARY DWV ISOMETRICS  
NTS



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Sheet Title:  
**TOILET / DOG  
WASH SHELTER  
ISOMETRIC -  
SANITARY DWV**

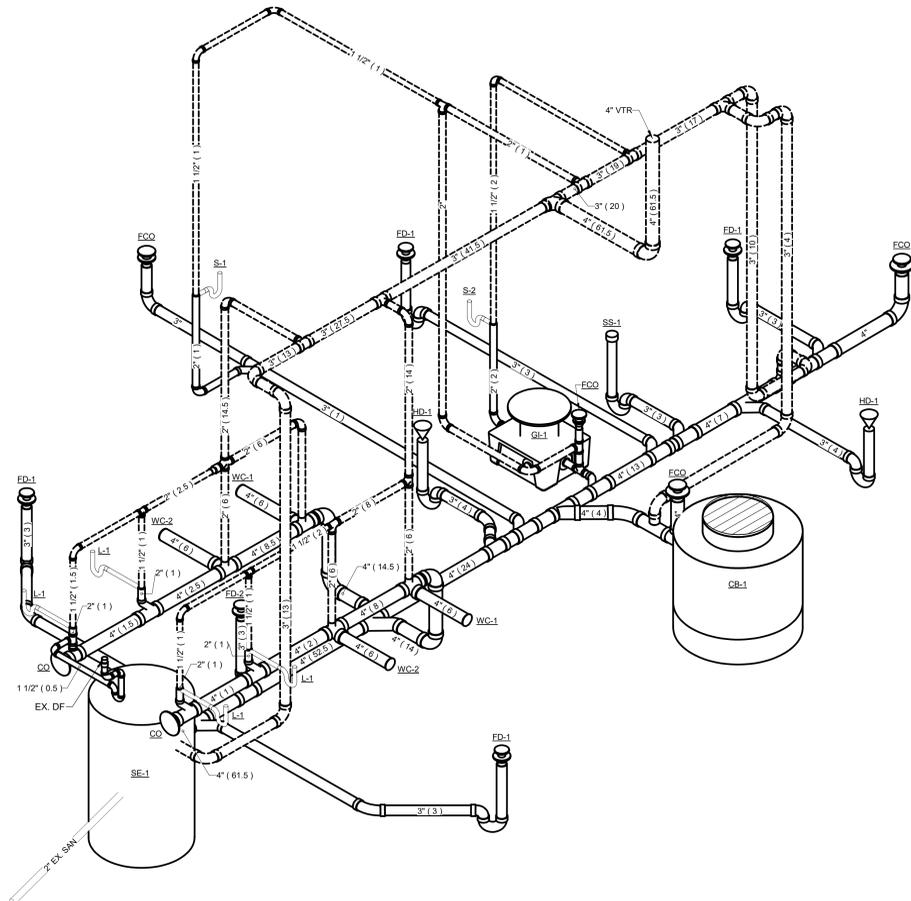
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**P2.0A**

**SANITARY ISOMETRIC NOTES**

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PAVILION ADDITION SANITARY DWV ISOMETRICS  
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Sheet Title:  
**PAVILION  
ADDITION  
ISOMETRIC -  
SANITARY DWV**

Sheet Number:  
**P2.0C**

**WATER ISOMETRIC NOTES**

SEE FOUNDATION / FLOOR PLANS AND PLUMBING FIXTURE UNIT TABLE ON SHEET P0.0 FOR WATER BRANCH PIPE SIZE TO FIXTURE. PROVIDE WATER HAMMER ARRESTORS ON ALL INDIVIDUAL FLUSH VALVES OR BANK OF FLUSH VALVES.



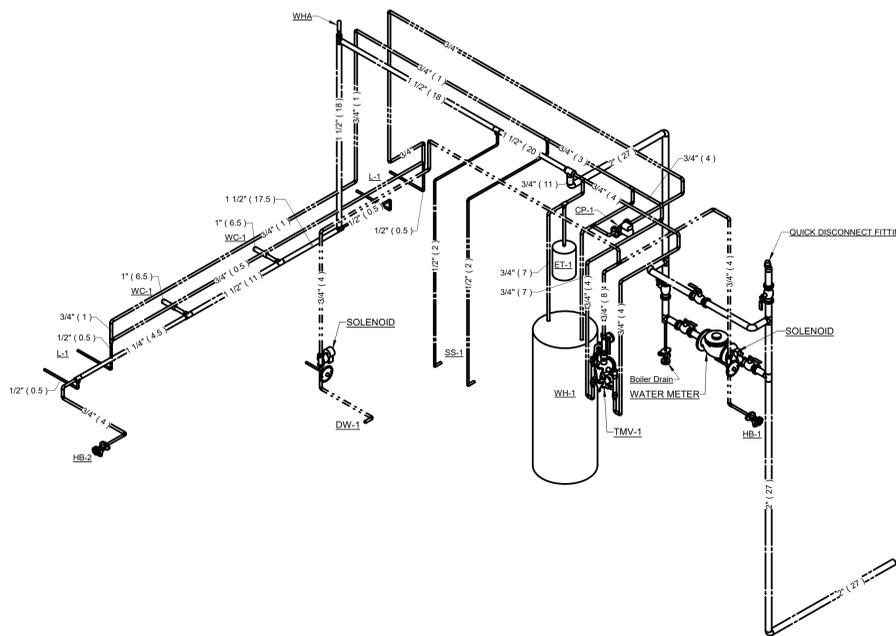
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**TOILET / PET WASH SHELTER DOMESTIC WATER ISOMETRICS**  
NTS

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Sheet Title:

**TOILET / DOG WASH SHELTER ISOMETRIC - DOMESTIC WATER**

Sheet Number:

**P2.1A**

**WATER ISOMETRIC NOTES**

SEE FOUNDATION / FLOOR PLANS AND PLUMBING FIXTURE UNIT TABLE ON SHEET P1.0 FOR WATER BRANCH PIPE SIZE TO FIXTURE.  
PROVIDE WATER HAMMER ARRESTORS ON ALL INDIVIDUAL FLUSH VALVES OR BANK OF FLUSH VALVES.



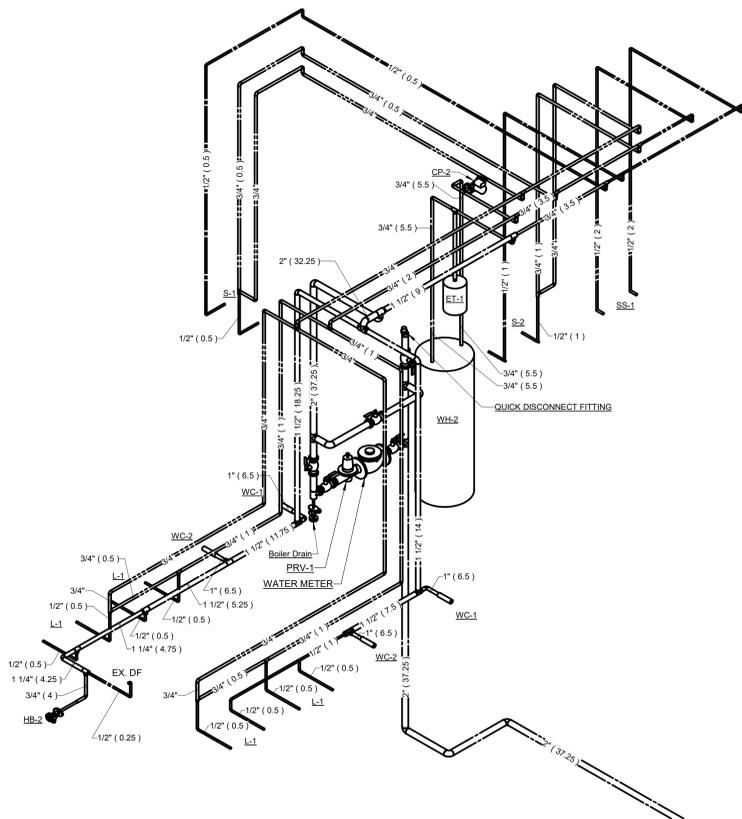
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PAVILION ADDITION DOMESTIC WATER ISOMETRICS  
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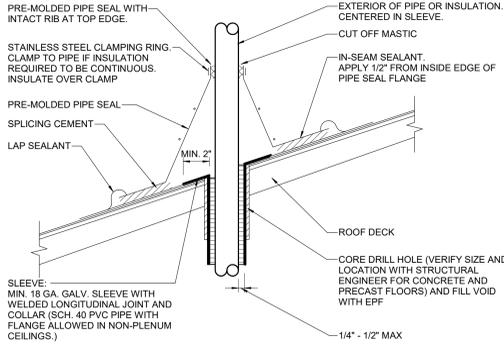
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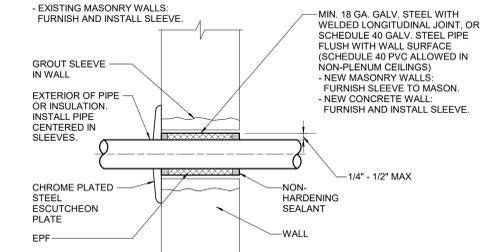
**PAVILION  
ADDITION  
ISOMETRIC -  
DOMESTIC  
WATER**

Sheet Number:

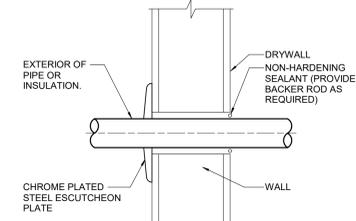
**P2.1C**



**APPLICATIONS**  
- ROOF PIPE BOOT PENETRATION DETAIL



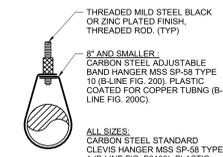
**APPLICATIONS**  
- PIPE PENETRATION THRU MASONRY OR CONCRETE WALL



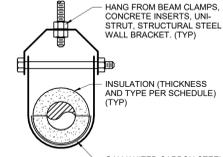
**APPLICATIONS**  
- PIPE PENETRATION THRU STUD WALL

PIPE SIZE	STEEL			COPPER			PVC	PEX	CAST IRON	MIN. ROD
	WATER	GAS	MIN. ROD	WATER	GAS	MIN. ROD				
1/2" x 1/2"	7/8"	1"	3/8"	5/8"	5/8"	3/8"	4"	3/2"	3"	3/8"
3/4"	1"	1 1/8"	3/8"	5/8"	5/8"	3/8"	4"	3/2"	3"	3/8"
1"	1 1/8"	1 3/8"	3/8"	5/8"	5/8"	3/8"	4"	3/2"	3"	3/8"
1 1/4"	1 3/4"	1 7/8"	3/8"	5/8"	5/8"	3/8"	4"	3/2"	3"	3/8"
1 1/2"	1 7/8"	2"	3/8"	5/8"	5/8"	3/8"	4"	3/2"	3"	3/8"
2"	2 1/8"	2 1/4"	3/8"	5/8"	5/8"	3/8"	4"	3/2"	3"	3/8"
2 1/2"	2 3/8"	2 5/8"	3/8"	5/8"	5/8"	3/8"	4"	3/2"	3"	3/8"
3"	3 1/8"	3 1/4"	3/8"	5/8"	5/8"	3/8"	4"	3/2"	3"	3/8"
4"	4 1/8"	4 1/4"	3/8"	5/8"	5/8"	3/8"	4"	3/2"	3"	3/8"
6"	6 1/8"	6 1/4"	3/8"	5/8"	5/8"	3/8"	4"	3/2"	3"	3/8"
8"	8 1/8"	8 1/4"	3/8"	5/8"	5/8"	3/8"	4"	3/2"	3"	3/8"
10"	10 1/8"	10 1/4"	3/8"	5/8"	5/8"	3/8"	4"	3/2"	3"	3/8"
12"	12 1/8"	12 1/4"	3/8"	5/8"	5/8"	3/8"	4"	3/2"	3"	3/8"
14"	14 1/8"	14 1/4"	3/8"	5/8"	5/8"	3/8"	4"	3/2"	3"	3/8"
16"	16 1/8"	16 1/4"	3/8"	5/8"	5/8"	3/8"	4"	3/2"	3"	3/8"
18"	18 1/8"	18 1/4"	3/8"	5/8"	5/8"	3/8"	4"	3/2"	3"	3/8"
20"	20 1/8"	20 1/4"	3/8"	5/8"	5/8"	3/8"	4"	3/2"	3"	3/8"

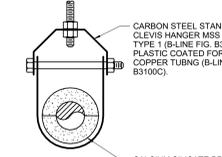
(1) SUPPORT AT MINIMUM EVERY FLOOR LEVEL OR SPACING LISTED.  
(2) SPACING MAY BE INCREASED TO 10' FOR 10' PIPE LENGTHS.  
MSS = MANUFACTURER'S STANDARDIZATION SOCIETY  
- INSTALL ADDITIONAL HANGERS WITHIN 12" OF ELBOWS AND TEES AND AT CONCENTRATED LOADS, INCLUDING VALVES, FLANGES AND STRAINERS 2 1/2"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



**APPLICATIONS**  
- UNINSULATED PIPING



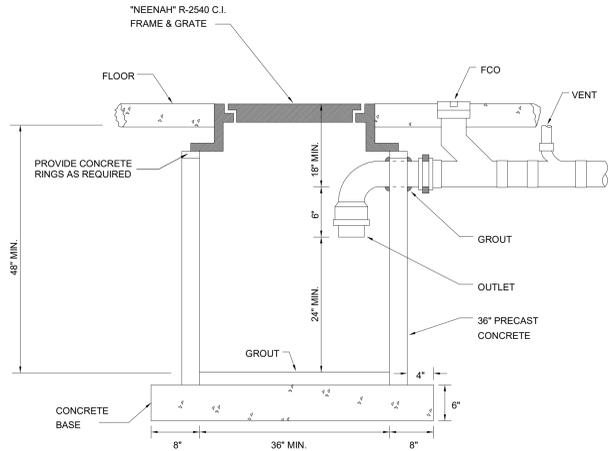
**APPLICATIONS**  
- HOT AND COLD WATER PIPING



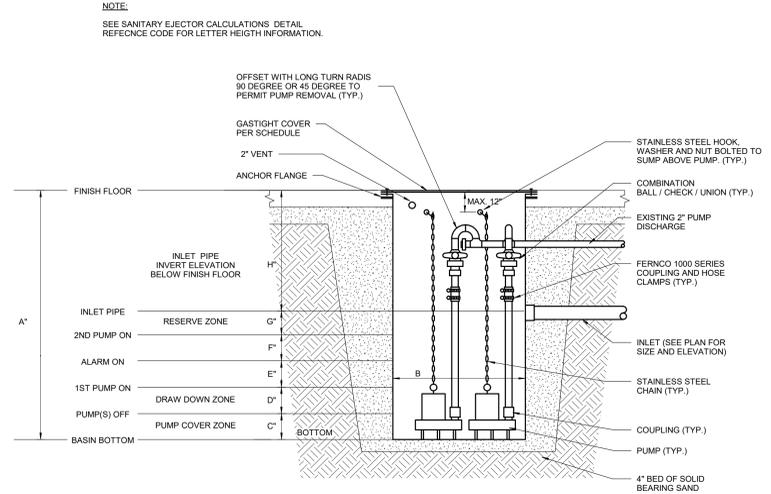
**APPLICATIONS**  
- HOT AND COLD WATER PIPING

**2**  
**P3.0** PIPE PENETRATION DETAILS  
SCALE: NTS

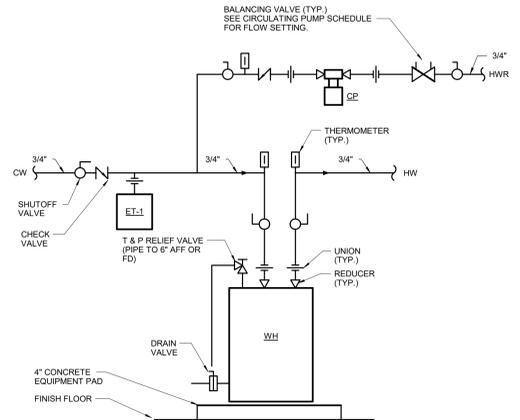
**1**  
**P3.0** PIPE HANGER, SUPPORT AND INSULATION DETAILS  
SCALE: NTS



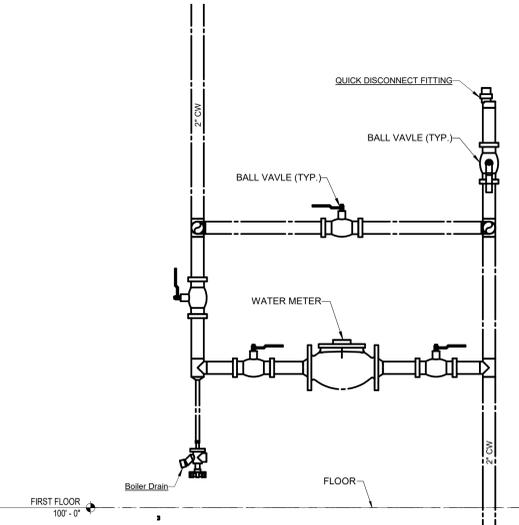
**5**  
**P3.0** GARAGE CATCH BASIN  
SCALE: NTS



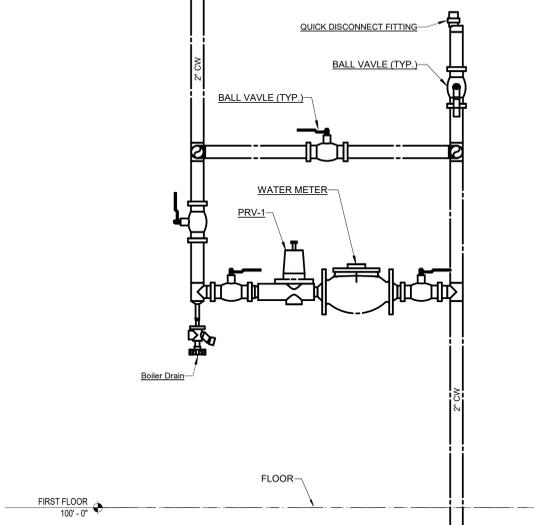
**4**  
**P3.0** SANITARY EJECTOR PUMP DETAIL - INTERIOR  
SCALE: NTS



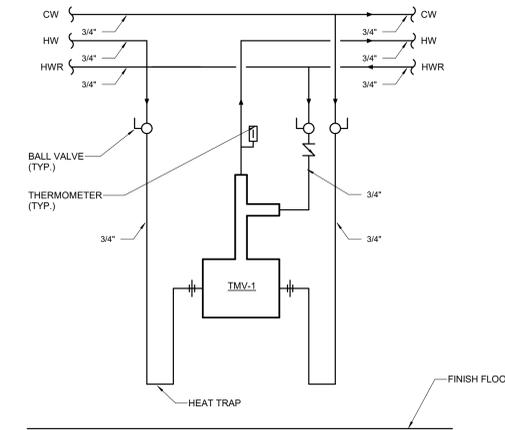
**3**  
**P3.0** WATER HEATER PIPING DETAIL  
SCALE: NTS



**8**  
**P3.0** WATER METER DETAIL - TOILET / PET WASH SHELTER  
SCALE: NTS



**7**  
**P3.0** WATER METER DETAIL - PAVILION ADDITION  
SCALE: NTS



**6**  
**P3.0** THERMOSTATIC MIXING VALVE PIPING DETAIL  
SCALE: NTS

6/4/2020 1:54:37 PM BIM 360//3481 - Village of McFarland/McFarland Park Projects Plumbing\_P3.0.rvt



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**DETAILS**

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**P3.0**

CIRCULATING PUMP SCHEDULE (CP)													
TAG	MANUFACTURER	MODEL	LOCATION	APPLICATION	FLUID TEMP F	GPM	HEAD (FT)	RPM	MOTOR H.P.	VOLTS / PHASE	FULL AMPS.	TYPE	NOTES
1	B&G	NBF-25	A100	DOMESTIC HOT WATER	125	3	10	2950	125 WATT	115/1	1.10	IN-LINE	(1)(2)
2	B&G	NBF-25	B104	DOMESTIC HOT WATER	125	3	10	2950	125 WATT	115/1	1.10	IN-LINE	(1)(2)

- ACCEPTABLE MANUFACTURERS: B & G, GRUNDFOS, ARMSTRONG, TACO.  
 - SEE MOTOR SPECIFICATIONS FOR MOTOR REQUIREMENTS.  
 - LEAD FREE BRONZE BODY.  
 (1) PROVIDE INLINE AQUASTAT TO SHUT OFF PUMP AT A 10 DELTA T TEMPERATURE DROP OF SUPPLY OUTLET TEMPERATURE.  
 (2) PROVIDE BALANCING VALVE UP STREAM OF PUMP TO CONTROL PUMP FLOW.

CLEANOUT SCHEDULE									
TAG	MANUFACTURER	MODEL	TYPE	APPLICATION	OUTLET SIZES	BODY MATERIAL	ACCESS COVER SIZE	ACCESS COVER MATERIAL	NOTES
CO	-	-	-	ABV. CLGS & EXPOSED PIPE	2" - 6"	PVC	-	-	(1)
FCO	ZURN	Z1400B	FLOOR	PEDESTRIAN TRAFFIC AREAS	2" - 6"	CAST IRON	7" DIA	NICKLE BRONZE	(1)

- ACCEPTABLE MANUFACTURERS: J.R. SMITH, WATTS, ZURN.  
 - RECESSED TAPER THREAD PLUG WITH SLOTTED RECESS.  
 (1) PROVIDE THREADED FEMALE ADAPTER WITH INTERNAL PLUG. ADAPTER MATERIAL SHALL MATCH PIPE MATERIAL TO WHICH CO IS BEING CONNECTED.

DOG WASH TUB SCHEDULE (DW)											
TAG	ADA	MANUFACTURER	MODEL	SIZE L x W x D	DRAIN TYPE	ENTRY SYSTEM	CONSTRUCTION	TRIM	TRAY	FINISH	NOTES
1	-	ELITE PET WASH STA.	PW7301	60" x 24.5" x 58"	GRID	SS NON-SLIP STAIR	(1)	(2)	SS	GRAY	(3)

(1) FULLY WELDED 18 GAGE STAINLESS STEEL TUB, TRI-LOCK RESTRAINT SYSTEM  
 (2) PROVIDE INCLUDED PLUMBING KIT INCLUDING SPRAY HEAD W/ HOLD DOWN LEVER, HEAVY DUTY COILED HOSE, DRAIN/HAIR TRAP, SS SPRAY HEAD HOLDER, RAISED HDPE FLOOR GRATE.  
 (3) PROVIDE BRADLEY TOUCHTIME ELECTRONIC CONTROL (SHOWER APPLICATION), PIEZO SWITCH (TPP), SOLENOID VALVE (SLOW CLOSING ANTI-HAMMER), AND POWER ADAPTER.

DRAIN SCHEDULE											
TAG	MANUFACTURER	MODEL	TYPE	APPLICATION	OUTLET SIZES	BODY MATERIAL	STRAINER TOP SIZE	STRAINER TOP MATERIAL	RIM HGT. A.F.F.	NOTES	
FD-1	ZURN	Z415-B	FLOOR	PEDESTRIAN TRAFFIC AREAS	2" - 4"	CAST IRON	7" DIA	NICKLE BRONZE	-1/2"	(1)(2)	
FD-2	ZURN	Z507	FLOOR	MECH. RM. JANITOR CLT.	2" - 4"	CAST IRON	7" DIA	CAST IRON	-1/2"	(1)(2)	
HD-1	ZURN	Z328	RECEPTOR	INDIRECT WASTE	2" - 4"	CAST IRON	4" DIA	NICKLE BRONZE	3 3/4"	-	
CB-1	NEENAH	R-2540	FLOOR	VEHICLE TRAFFIC AREAS	4" - 12"	CAST IRON	24"	CAST IRON	1"	(3)	

- ACCEPTABLE MANUFACTURERS: J.R. SMITH, WATTS, ZURN.  
 (1) PROVIDE FLASHING CLAMP FOR FLOORS WITH BUILDING STRUCTURE BELOW. SEE ARCHITECTURAL PLANS FOR LOCATIONS.  
 (2) PROVIDE TRAPSEAL - RECTORSSEAL SURE SEAL.  
 (3) SEE DETAIL FOR MORE INFORMATION TO DETERMINE SIZE, MATERIAL AND OTHER BASIN REQUIREMENTS.

ELECTRIC WATER HEATER SCHEDULE (WH)														
TAG	MANUFACTURER	MODEL	LOCATION	TYPE	SIZE DIA	VOLTS / PHASE	ELEMENT NO. / WATTS	REC. (1) GPH	TANK SIZE GAL.	MAX. PSIG	T&P PSIG	LINING TYPE	TANK TEMP DEG. F	NOTES
1	BRADFORD WHITE	LE140L3-3	A100	TANK	22"	240/1	2/2500	11	40	300	150	GLASS	120	(1)
2	BRADFORD WHITE	LE140L3-3	B104	TANK	22"	240/1	2/2500	11	40	300	150	GLASS	120	(1)

- ACCEPTABLE MANUFACTURERS: A.O. SMITH, BRADFORD WHITE, HTP, LOCHINVAR.  
 (1) ELEMENTS WIRED FOR NON-SIMULTANEOUS OPERATION.

EXPANSION TANK SCHEDULE (ET)													
TAG	MANUFACTURER	MODEL	MOUNTING	TANK TYPE	CONN. SIZE	TANK CAPACITY GALLONS	ACCEPT. CAPACITY GALLONS	PRECHARGE PSIG	WORKING PSIG	DIA INCHES	HEIGHT INCHES	WEIGHT POUNDS	NOTES
1	AMTROL	ST-5C	PIPE	DIAPHRAGM	3/4"	2.1	1.0	(1)	150	10	10	14	(1)

- ACCEPTABLE MANUFACTURERS: FLEXCON, AMTROL, WESSELS.  
 (1) SET TO STATIC PRESSURE AT STREET OR SYSTEM IF HIGHERS. SEE WATER CALCULATION FOR MORE INFORMATION.

GREASE INTERCEPTOR SCHEDULE (GI)										
TAG	MANUFACTURER	MODEL	LOCATION	SIZE	FLOW RATE (GPM)	GREASE CAPACITY (LBS.)	SOLIDS CAPACITY (GALLONS)	LIQUID CAPACITY (GALLONS)	INLET & OUTLET SIZE	NOTES
1	SCHIER	GB-3	B104	37" x 28" x 21"	15	272.7	19	40	4"	-

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

HOSE BIBB SCHEDULE (HB)									
TAG	MANUFACTURER	MODEL	LOCATION	FREEZE PROOF	BACKFLOW PREVENTER	WALL FLANGE	CONTROL	WATER SUPPLY	NOTES
1	WOODFORD	67	EXTERIOR	YES	INTEGRAL ASSE 1052	YES	LOOSE KEY	TEMPERED	(1)(2)
2	WOODFORD	67	EXTERIOR	YES	INTEGRAL ASSE 1052	YES	LOOSE KEY	COLD WATER	(1)(2)

- ACCEPTABLE MANUFACTURERS: CHICAGO, WATTS, WOODFORD, ZURN.  
 (1) PROVIDE BRADLEY TOUCHTIME ELECTRONIC CONTROL (SHOWER APPLICATION), PIEZO SWITCH (TPP), SOLENOID VALVE (SLOW CLOSING ANTI-HAMMER), AND POWER ADAPTER.  
 (2) PROVIDE PET WAND PRO PPR-252, 8FT HOSE, HOSE ADAPTER, WALL HOOK, MAKE HOSE CONNECTIONS VANDAL RESISTANT.

LAVATORY SCHEDULE (L)																			
TAG	ADA (1)	MANUFACTURER	MODEL	MOUNTING	BASIN			NO. OF HOLES	CENTER OF HOLES	CARRIER	MANUFACTURER	MODEL	FAUCET		OPERATION TYPE	FINISH	TEMP. DEG. F	SUPPLY STOP TYPE	NOTES
					SIZE L x W x D	DRAIN TYPE	SPOUT REACH						SPOUT HEIGHT						
1	YES	KOHLER	K-2005	WALL	21-1/4" x 18-1/8" x 7-1/4"	GRID	3	4"	YES	SLOAN	EAF150BATISMCPLMRIFCT	5-9/16"	6-7/8"	0.5	SENSOR	CHROME	105	KEY	(1)(2)

- ACCEPTABLE MANUFACTURERS:  
 - BASIN: AMERICAN STANDARD, KOHLER, SLOAN.  
 - FAUCETS: CHICAGO, SLOAN, T&S BRASS.  
 - STOPS AND SUPPLIES: BRASSCRAFT, DEARBORN, KEENEY, MCGUIRE.  
 - DRAINS AND TRAPS: BRASSCRAFT, DEARBORN, KEENEY, MCGUIRE.  
 - CARRIERS AND SUPPORTS: ANCON, JOSAM, SMITH, WADE, ZURN.  
 - VITREOUS CHINA LAVS, 1-1/4" 17 GAUGE "P" TRAP WITH CLEANOUT PLUG, BUSHING ON END OF OUTLET TUBE, WALL FLANGE.  
 - ALL WETTED PARTS SHALL BE LEAD FREE COMPLIANT.  
 - WALL MOUNT LAVATORY WITH BACKSPASH.  
 - FAUCETS WITH VANDAL RESISTANT AERATOR.  
 (1) PROVIDE OFFSET GRID DRAIN WITH TRUEBRO TRAP & SUPPLY GUARD FOR ADA ACCESSIBLE LAVATORY. SEE ARCHITECTURAL PLANS FOR LOCATIONS.  
 (2) BATTERY POWERED, ABOVE DECK INTERGRATED SIDE MIXING VALVE.

PRESSURE REDUCING VALVE SCHEDULE (PRV)														
TAG	MANUFACTURER	MODEL	LOCATION	GPM	SIZE	VALVE PSIG LOSS	OUTLET PSIG SETTING	OPERATING TEMP.	MAX. PSIG	MAX. TEMP.	TYPE	APPLICATION	ASSE	NOTES
1	ZURN	500XL	B102	43.0	1-1/2"	7	(2)	70	140	300	DIRECT	WATER DISTRIBUTION	1003	(1)(3)(4)

- ACCEPTABLE MANUFACTURERS: APOLLO, WATTS, ZURN/WILKINS.  
 (1) LEAD FREE BODY.  
 (2) SEE PROJECT'S WATER CALCULATIONS.  
 (3) PROVIDE WYE STRAINER.  
 (4) PROVIDE PRESAGE GAUGE.



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Project Title:  
**McFarland Park Facility Projects**  
**Village of McFarland**  
**McFarland, WI**

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SANITARY EJECTOR SCHEDULE (SE)																
TAG	LOCATION	BASIN			COVER			PUMP				QTY.	GPM EACH	TOTAL HEAD	HP EACH	NOTES
		MANUFACTURER	MATERIAL TYPE	SIZE	MANUFACTURER	MODEL	TYPE	MANUFACTURER	MODEL	MATERIAL TYPE	TYPE					
1	B102	TOPP	FIBERGLASS	(1)	TOPP	STEEL	STEEL (2)	LIBERTY	LSGX200 (230V/1PH)	CAST IRON	GRINDER	2	39	50	2	(3)(4)(5)

- ACCEPTABLE MANUFACTURERS:  
 -BASIN: TOPP INDUSTRIES, AK INDUSTRIES, WEIL.  
 -COVER: TOPP INDUSTRIES, AK INDUSTRIES, WEIL.  
 -PUMP: LIBERTY, ZOELLER, WEIL, LITTLE GIANT.  
 - PROVIDE "LIBERTY" BCV SERIES COMBINATION BALL/CHECK VALVE FOR PUMP DISCHARGE.  
 (1) SEE DETAIL FOR BASIN SIZE AND CONTROL LEVEL DIMENSIONS.  
 (2) PROVIDE DUPLEX COVER WITH INSPECTION PLATE, COVER PLATE, DISCHARGE/VENT FLANGES AND CORD GROMMETS.  
 (3) PROVIDE DUPLEX CONTROLLER, CONTROL FLOAT SWITCHES, ALARM LIGHT  
 (4) PROVIDE PUMP SLIDE RAILS.  
 (5) SEE DETAIL FOR BASIN SIZE AND CONTROL LEVEL DIMENSIONS AND SPECIFICATION FOR MORE INFORMATION.

SERVICE SINK SCHEDULE (SS)													
TAG	MOUNTING	MANUFACTURER	MODEL	BASIN			SHAPE	RIM GUARD	MANUFACTURER	FAUCET			NOTES
				MATERIAL TYPE	SIZE L x W x D	SIZE				MODEL	BACKFLOW PREVENTER	GPM	
1	FLOOR	MUSTEE	63M	DURASTONE	24" x 24" x 10"		SQUARE	(1)	CHICAGO	305-RCP	(2)	5	(3)

- ACCEPTABLE MANUFACTURERS:  
 -BASIN: FIAT, MUSTEE, STERN WILLIAMS.  
 -FAUCET: CHICAGO, T&S BRASS, ZURN.  
 (1) BUMPER GUARDS ON EXPOSED RIMS.  
 (2) VACUUM BREAKERS SHALL COMPLY WITH ASSE 1011.  
 (3) PROVIDE STAINLESS STEEL 3 MOP HOLDER HANGER, HEAVY DUTY 5/8" DIAMETER REINFORCED RUBBER HOSE, AND STAINLESS STEEL HOSE BRACKET.

SINK SCHEDULE (S)																		
TAG	ADA (1)	MANUFACTURER	MODEL	NO. OF COMP.	BASIN			DRAIN TYPE	MANUFACTURER	MODEL	FAUCET				HANDLE	FINISH	SUPPLY STOP TYPE	NOTES
					MOUNTING	SIZE L x W x D	SIZE				FAUCET QTY.	SPOUT REACH	SPOUT HEIGHT	GPM				
1	YES	JUST	A-544-912	1	WALL-MOUNT	16" x 15" x 6"	BASKET	CHICAGO	631-ABCP	1	3-1/2"	5-7/8"	2.2	WRIST BL.	CHROME	KEY	(1)	
2	YES	JUST	DL-ADA-2249-A-GR	2	TOP-MOUNT	49" x 22" x 6-1/2"	BASKET	CHICAGO	1100-GNBAE35-317AB	1	8"	8"	1.5	WRIST BL.	CHROME	KEY	(1)	

- ACCEPTABLE MANUFACTURERS:  
 -BASIN: ADVANCE TABCO, JUST, ELKAY.  
 -FAUCETS: CHICAGO, T&S BRASS, ZURN.  
 -STOPS AND SUPPLIES: BRASSCRAFT, DEARBORN, KEENEY, MCGUIRE.  
 -DRAINS AND TRAPS: BRASSCRAFT, DEARBORN, KEENEY, MCGUIRE.  
 - MATERIAL: 18 GAUGE 304 STAINLESS STEEL SINK, ANGLE SUPPLIES WITH STOPS WITH BRASS STEMS.  
 - PROVIDE EACH COMPARTMENT WITH STAINLESS STEEL BASKET TYPE STRAINER, STAINLESS STEEL TAILPIECE, AND 1-1/2" 17 GAUGE "P" TRAP W/ CLEANOUT.  
 - VERIFY SINK CUTOUT SIZE WILL FIT IN COUNTERTOP WITH CABINET SHOP DRAWINGS PRIOR TO ORDERING.  
 (1) PROVIDE OFFSET GRID DRAIN WITH TRUEBRO TRAP & SUPPLY GUARD FOR ADA ACCESSIBLE SINK. SEE ARCHITECTURAL PLANS FOR LOCATIONS.

SOLID INTERCEPTOR SCHEDULE (SI)										
TAG	MANUFACTURER	MODEL	LOCATION	TYPE	SIZE	GPM	SOLIDS CAPACITY (GALS)	LIQUID CAPACITY (GALS)	INLET & OUTLET SIZE	NOTES
1	STRIEM	AA-M	A100		33" x 25" x 25"	50	6	7-Feb	3"	(1)

- ACCEPTABLE MANUFACTURERS: STRIEM, SPEARS, ZURN.  
 -HIGH DENSITY POLYETHYLENE BODY.  
 (1) HIGH DENSITY POLYETHYLENE BODY WITH 304 STAINLESS STEEL SCREEN REMOVABLE SEDIMENT BUCKET.

THERMOSTATIC MIXING VALVE SCHEDULE (TMV)													
TAG	MANUFACTURER	MODEL	APPLICATION	INLETS	OUTLET	MAX. FLOW GPM	MAX. LOSS PSIG	MIN. FLOW GPM	MIN. LOSS PSIG	TEMP. RANGE DEG. F	TEMP. SETTING DEG. F	NOTE	
1	LEONARD	TM-2020B-LF-DT	MASTER	2"	2"	226	50	1	5	120-150	110	(1)	

- ACCEPTABLE MANUFACTURERS: ZURN, SYMMONS, WATTS, LEONARD.  
 -LEAD FREE BODY, REMOVABLE CARTRIDGE WITH STRAINER, STAINLESS STEEL SPRING, EPDM O-RINGS AND SOLID WAX THERMOSTAT ASSEMBLY.  
 - P.C. SHALL FIELD ADJUST TMV TO TEMPERATURE SETTING INDICATED IN SCHEDULE.  
 (1) HOT WATER DISTRIBUTION SYSTEM THERMOSTATIC MIXING VALVE SHALL COMPLY WITH ASSE 1017, 1069 AND 1070.

WATER CLOSET SCHEDULE (WC)																	
TAG	ADA (1)	MANUFACTURER	MODEL	BOWL			CARRIER	TYPE	TANK		MANUFACTURER	FLUSH VALVE		MIN. PRESS. PSIG	SEAT		NOTES
				MOUNTING	RIM HT. A.F.F.	YES			GAL. PER FLUSH	SUPPLY STOP TYPE		MODEL	GAL. PER FLUSH		OPERATION TYPE	MANUFACTURER	
1	YES	KOHLER	K-4325	WALL	17"	YES	-	-	-	SLOAN	G2-8111	1.6	SENSOR	25	BEMIS	165SSCT	(2)
2	-	KOHLER	K-4325	WALL	15"	YES	-	-	-	SLOAN	G2-8111	1.6	SENSOR	25	BEMIS	165SSCT	(2)

- ACCEPTABLE MANUFACTURERS:  
 -BOWL: AMERICAN STANDARD, KOHLER, SLOAN.  
 -FLUSH VALVE: DELANY, KOHLER, SLOAN, ZURN.  
 -SEAT: BEMIS, CHURCH.  
 -CARRIER AND SUPPORT: J.R. SMITH, WADE, ZURN.  
 -VITREOUS CHINA, WATER SAVING, MINIMUM 2" -18" GLAZED TRAPWAY, SIPHON JET ELONGATED BOWL WITH WHITE SOLID PLASTIC OPEN FRONT SEAT WITH SELF-SUSTAINING CHECK HINGE.  
 - CONTROLS FOR ADA ACCESSIBLE FIXTURES SHALL BE ON THE OPEN SIDE.  
 (1) SEE ARCHITECTURAL PLANS FOR LOCATIONS.  
 (2) BATTERY POWERED.



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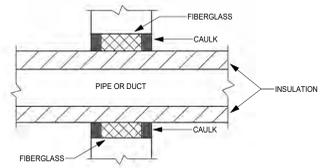
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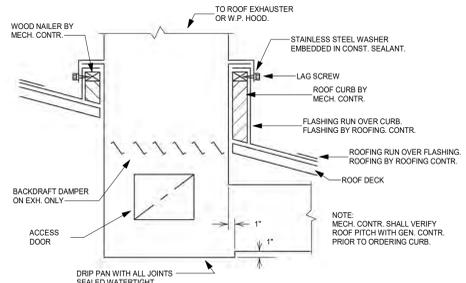
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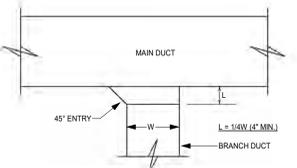


**PACK AND CAULK  
(NON-RATED WALLS)**

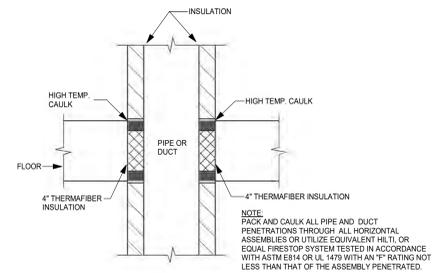


**CONDENSATE DRIP PAN**

MOTOR STARTERS												
DESCRIPTI ON	MCA	MOCP	MOTOR HP	VOLTAGE	PHASE	KW	STARTER FURNISHED BY	STARTER INSTALLED BY	STARTER LOCATION	STARTER TYPE	REMARKS	
CE-1			120	1	0.06	HVAC	EC	NEAR UNIT	SP. SW.			
CE-2			120	1	0.06	HVAC	EC	NEAR UNIT	SP. SW.			
CE-3			120	1	0.1	HVAC	EC	NEAR UNIT	SP. SW.			
CE-4			120	1	0.07	HVAC	EC	NEAR UNIT	SP. SW.			
CE-5			120	1	0.07	HVAC	EC	NEAR UNIT	SP. SW.			
CE-6			120	1	0.07	HVAC	EC	NEAR UNIT	SP. SW.			
CE-7			120	1	0.07	HVAC	EC	NEAR UNIT	SP. SW.			
CE-8			120	1	0.07	HVAC	EC	NEAR UNIT	SP. SW.			
DS-1			120	1	0.09	HVAC	EC	NEAR UNIT	SP. SW.			
ECH-1			240	1	5	HVAC	HVAC	PRE-WIRED	-			
ECH-2			240	1	5	HVAC	HVAC	PRE-WIRED	-			
ECH-3			240	1	3	HVAC	HVAC	PRE-WIRED	-			
ECH-4			240	1	3	HVAC	HVAC	PRE-WIRED	-			
ECH-5			240	1	7	HVAC	HVAC	PRE-WIRED	-			
ECH-6			240	1	7	HVAC	HVAC	PRE-WIRED	-			
ECH-7			240	1	7	HVAC	HVAC	PRE-WIRED	-			
ECH-8			240	1	7	HVAC	HVAC	PRE-WIRED	-			
ECH-9			240	1	7	HVAC	HVAC	PRE-WIRED	-			
ECH-10			240	1	7	HVAC	HVAC	PRE-WIRED	-			



**TYPICAL BRANCH CONN.**



**PACK AND CAULK IN  
HORIZONTAL ASSEMBLY**

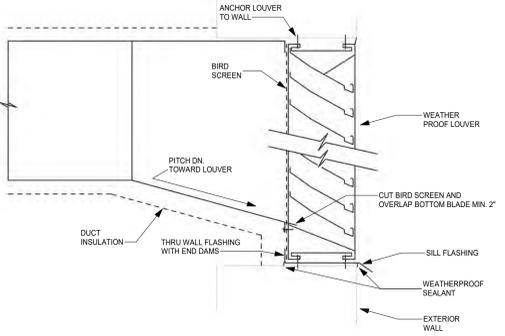
CEILING EXHAUST FANS									
UNIT NO.	SERVICE	CFM OF STD. AIR	TYPE	MAX. SONES	EXT. S.P. IN IN. WATER	MOTOR WATTS	MOTOR RPM	SOLID STATE SPEED CONTROLLER	MANUF. MODEL
CE-1	CONCESSIONS B105	100	CLG.	4	0.5	60 W	1100	YES	COOK GC-186
CE-2	STORAGE B104	100	CLG.	4	0.5	60 W	1100	YES	COOK GC-186
CE-3	MEN'S TOILET B101	250	CLG.	4	0.5	95 W	1600	YES	COOK GC-520
CE-4	WOMEN'S TOILET B103	250	CLG.	4	0.5	95 W	1600	YES	COOK GC-520
CE-5	UNI-SEX TOILET A103	150	CLG.	4	0.33	70 W	1100	YES	COOK GC-186
CE-6	UNI-SEX TOILET A102	150	CLG.	4	0.33	70 W	1100	YES	COOK GC-186
CE-7	STORAGE A100	150	CLG.	4	0.33	70 W	1100	YES	COOK GC-186
CE-8	PET WASH A101	150	CLG.	4	0.33	70 W	1100	YES	COOK GC-186

ELECTRIC CABINET HEATERS									
UNIT NO.	SERVICE	TYPE	CAP. KW		CFM		AMPS	RECESS	MANUF. MODEL
			HI	LOW	HI	LOW			
ECH-1	CONCESSIONS B105	C	5 W	3 W	250	200	22 A	0' - 0"	QMARK CU935
ECH-2	CONCESSIONS B105	C	5 W	3 W	250	200	22 A	0' - 0"	QMARK CU935
ECH-3	STORAGE B104	C	3 W	2 W	250	200	13 A	0' - 0"	QMARK CU935
ECH-4	PLUMBING CHASE B102	C	3 W	2 W	250	200	13 A	0' - 0"	QMARK CU935
ECH-5	MEN'S TOILET B101	C	7 W	5 W	250	200	30 A	0' - 0"	QMARK CU935
ECH-6	WOMEN'S TOILET B103	C	7 W	5 W	250	200	30 A	0' - 0"	QMARK CU935
ECH-7	UNI-SEX TOILET A103	C	7 W	5 W	250	200	30 A	0' - 0"	QMARK CU935
ECH-8	UNI-SEX TOILET A102	C	7 W	5 W	250	200	30 A	0' - 0"	QMARK CU935
ECH-9	STORAGE A100	C	7 W	5 W	250	200	30 A	0' - 0"	QMARK CU935
ECH-10	PET WASH A101	C	7 W	5 W	250	200	30 A	0' - 0"	QMARK CU935

GRILLES AND DIFFUSERS							
UNIT NO.	SERVICE	NECK SIZE	ROUND CONN. SIZE	VOLUME DAMPER LOCATION	TRANSFER DUCT SIZE	AIR PATTERN	MANUF. MODEL
TG-1	SIDEWALL TRANSFER GRILLE	12x6	-	-	-	45°	PRICE 530
TG-2	SIDEWALL TRANSFER GRILLE	12x10	-	-	-	45°	PRICE 530
TG-3	SIDEWALL TRANSFER GRILLE	48x10	-	-	-	45°	PRICE 530

DESTRATIFICATION FANS							
UNIT NO.	SERVICE	CFM OF STD. AIR	FAN DIA	MOTOR WATTS	SOLID STATE SPEED CONTROLLER	BLADE HEIGHT A.F.F.	MANUF. MODEL
DS-1	CONCESSIONS B105	21,000	4' - 0"	86 W	YES	8' - 0"	LEADING EDGE 4820-1

WEATHERPROOF LOUVERS						
UNIT NO.	SERVICE	NOM. WIDTH (IN.)	NOM. HEIGHT (IN.)	CFM	MAX FREE AREA VELOCITY (FPM)	MANUF. MODEL
L-1	CE-1	12	12	100	1,000	RUSKIN ELF6375DX
L-2	CE-3	48	12	250	1,000	RUSKIN ELF6375DX
L-3	CE-4	48	12	250	1,000	RUSKIN ELF6375DX



**WEATHERPROOF LOUVER**

- GENERAL NOTES:**
- THE MECHANICAL CONTRACTOR IS REQUIRED TO VISIT THE PREMISES AND TAKE NOTE OF ALL EXISTING CONDITIONS WHICH MAY AFFECT HIS WORK AND HE SHALL BE RESPONSIBLE FOR KNOWLEDGE OF SAME IN THE PREPARATION OF HIS BID. LACK OF INFORMATION ON EXISTING CONDITIONS SHALL NOT BE ALLOWED AS A VALID CAUSE FOR ADDITIONAL COMPENSATION.
  - ROUTE ALL NEW PIPING AND DUCTWORK AS REQUIRED TO AVOID CONFLICTS WITH EXISTING PIPING, CONDUIT, STRUCTURE, LIGHTING, ETC. PROVIDE ALL OFFSETS, ELBOWS, ETC. AS REQUIRED TO CONNECT BETWEEN POINTS INDICATED.
  - MECHANICAL CONTRACTOR SHALL VERIFY EXISTING CURRENT CHARACTERISTICS AT JOB SITE PRIOR TO ORDERING EQUIPMENT.
  - MECHANICAL CONTRACTOR SHALL COORDINATE EXACT OUTLET AND GRILLE LOCATIONS WITH THE FINAL LIGHTING LAYOUT.
  - ELECTRICAL, STRUCTURAL, PLUMBING, ETC. REQUIREMENTS FOR THE EQUIPMENT MANUFACTURER LISTED ON THE SCHEDULE IS REFLECTED ON THE DOCUMENTS OF OTHER TRADES. ANY MODIFICATIONS NECESSARY TO ACCOMMODATE A MANUFACTURER OTHER THAN THAT LISTED IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.
  - THE MECHANICAL CONTRACTOR SHALL COORDINATE CONSTRUCTION PHASING WITH THE GENERAL CONTRACTOR AND OWNER. PROVIDE ALL TEMPORARY PIPING, DUCTWORK, VENTILATION, CONTROLS, ETC. AS REQUIRED TO ACCOMMODATE CONSTRUCTION PHASES.
  - THE WORK SHOWN ON THESE CONSTRUCTION DRAWINGS IS TO BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS INCLUDED IN DIVISIONS 23 AND 25 OF THE COMPLETE CONTRACT DOCUMENTS.

**SYMBOLS**

	FLEXIBLE DUCT
	MANUAL VOLUME DAMPER
	AUTOMATIC DAMPER WITH ACCESSIBLE DUCT ACCESS DOOR
	ACOUSTICAL INSULATION LINING ON INSIDE OF DUCT. LISTED DIMENSION IS CLEAR INSIDE DIMENSION.
	TURNING VANES
	BRANCH TAKE-OFF
	LOW PRESSURE FLEX. DUCT FITTING WITH MANUAL VOLUME DAMPER
	REMOTE MOUNTED SWITCH

SHEET INDEX	
FEI JOB No. 20-018	
H1.1	SCHEDULES AND DETAILS
H2.1	HVAC FLOOR PLANS



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Village of McFarland  
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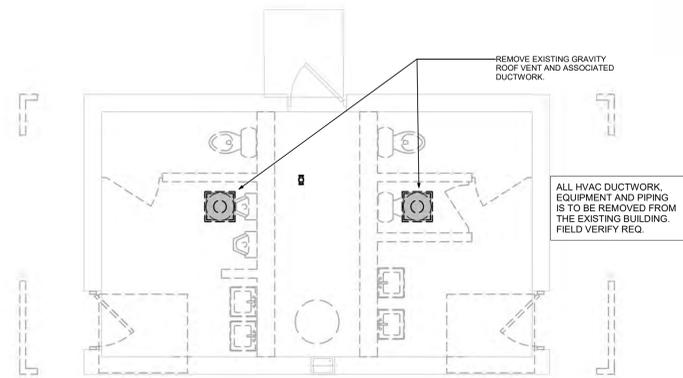
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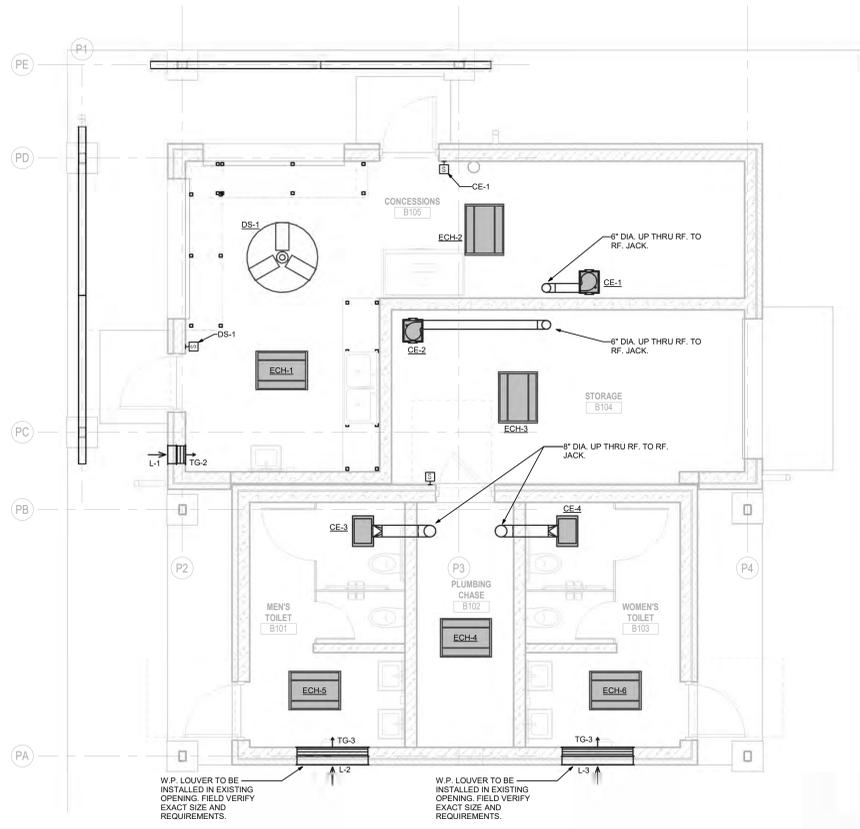
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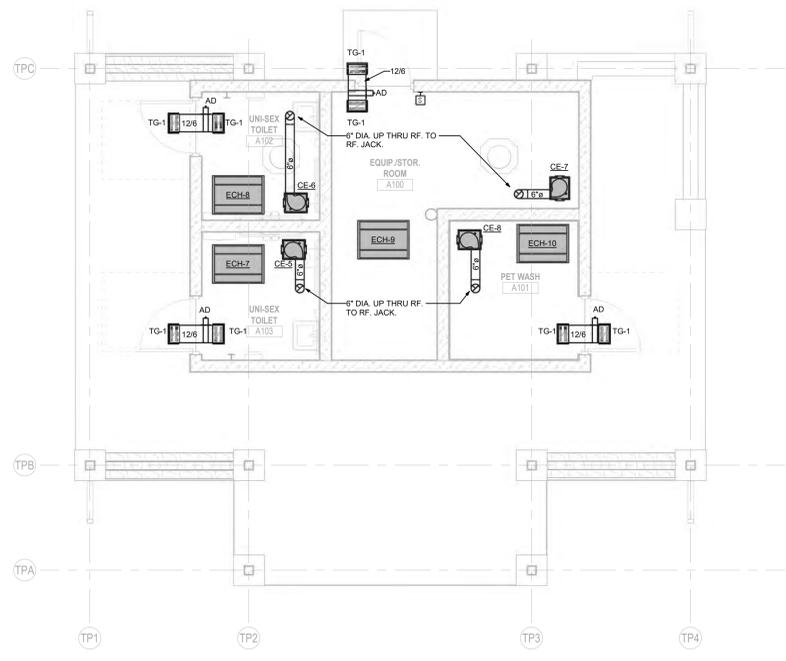


DEMOLITION SYMBOL	DESCRIPTION
—————	EXISTING PIPING, EQUIPMENT OR DUCTWORK TO REMAIN.
- - - - -	EXISTING PIPING, EQUIPMENT OR DUCTWORK TO BE REMOVED.

**1 PAVILLION DEMOLITION PLAN**  
 H2.1 Scale: 1/4" = 1'-0"  
 0' 2' 4' 8' 12'



**2 PAVILLION DUCTWORK PLAN**  
 H2.1 Scale: 1/4" = 1'-0"  
 0' 2' 4' 8' 12'



**3 TOILET/DOG WASH SHELTER DUCTWORK PLAN**  
 H2.1 Scale: 1/4" = 1'-0"  
 0' 2' 4' 8' 12'

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**HVAC FLOOR PLANS**

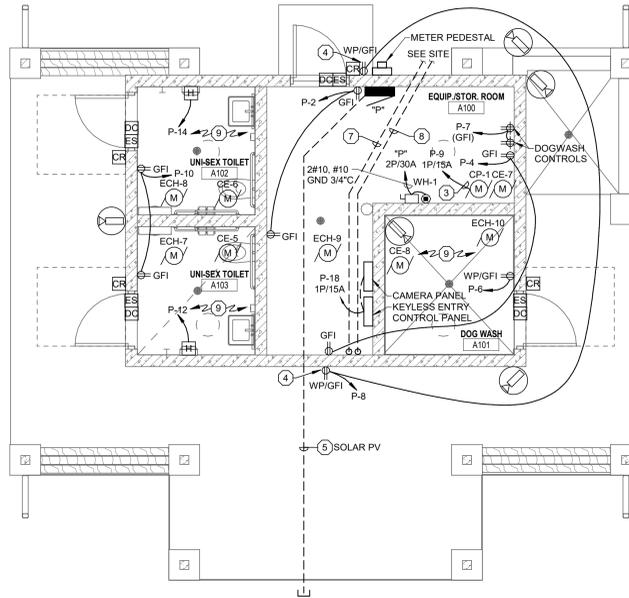
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**GENERAL NOTES:**

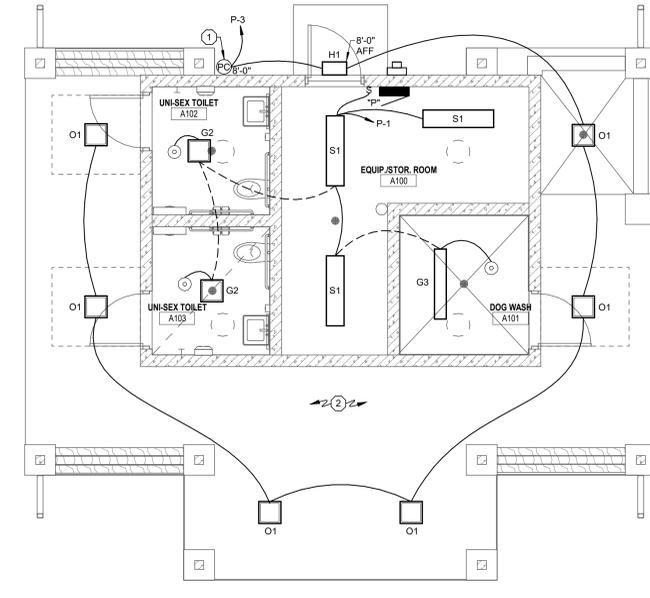
- INSTALL PULL CORD IN ALL EMPTY CONDUITS.
- PROVIDE CONCRETE BASE ROUGH-IN FOR LP1 POLES PER DETAIL E1.1A
- UNLESS SHOWN OTHERWISE, ALL CONDUITS BURIED 2'-6" BELOW FINISHED GRADE.
- E.C. IS RESPONSIBLE FOR ALL WORK REQUIRED TO BRING SITE EXCAVATION AND TOPPING BACK TO ORIGINAL CONDITION IF TRENCHING IS DONE ON COMPACTED SURFACES.
- E.C. TO INDICATE EXACT ROUTING OF ALL UNDERGROUND CONDUITS ON RECORD DRAWING.
- VISIT THE PREMISES AND TAKE NOTE OF ALL EXISTING CONDITIONS WHICH MAY AFFECT WORK AND BE RESPONSIBLE FOR KNOWLEDGE OF SAME IN PREPARATION OF BID. LACK OF INFORMATION ON EXISTING CONDITIONS WILL NOT BE ALLOWED AS A VALID CAUSE FOR ADDITIONAL COMPENSATION.
- (---) INDICATES APPROXIMATE UNDERGROUND ROUTING OF CONDUITS AND FEEDERS.
- ALL LIGHTING FIXTURES IN MECHANICAL ROOMS SHALL BE LAID OUT ON SITE AND DETERMINED BY THE MECHANICAL EQUIPMENT IN ROOM.
- IN ROOMS WITH OCCUPANCY SENSOR, GENERAL ILLUMINATION IN ROOM SHALL BE CONTROLLED BY SENSOR CONTRACTOR TO DETERMINE BEST LOCATION FOR SENSOR IN FIELD WITH MANUFACTURER. SEE DETAIL E1.1B
- PROVIDE EXTERIOR RECEPTACLES PER DETAIL E1.1B
- ALL CONDUITS STUBBED OUT OF BUILDING SHALL BE DONE PER DETAIL E1.1B
- ALL RECEPTACLES MOUNTED WITHIN 6 FEET OF SINKS SHALL BE GFI TYPE.
- ALL KEYLESS ENTRY EQUIPMENT AND WIRING FURNISHED AND INSTALLED BY OTHERS. E.C. TO PROVIDE ALL REQUIRED RACEWAYS, BOXES, AND 120V WIRING. COORDINATE WORK WITH SYSTEM VENDOR AND OWNER. SEE DETAIL E1.1C
- ALL VIDEO SURVEILLANCE EQUIPMENT FURNISHED AND INSTALLED BY OTHERS. E.C. TO PROVIDE ALL REQUIRED RACEWAYS AND 120V WIRING. COORDINATE WORK WITH SYSTEM VENDOR AND OWNER. SEE DETAIL E1.1C

**PLAN NOTES:**

- CONTROL EXTERIOR LIGHTING BUILDING THROUGH PHOTOCELL. MOUNT PHOTOCELL TO FLUSH WEATHERPROOF BOX IN SOFFIT WITH STAINLESS STEEL WEATHERPROOF PLATE. AIM PHOTOCELL NORTH.
- CONCEAL ALL CONDUIT ABOVE CANOPY CEILING.
- WIRE CIRCULATION PUMP THROUGH IN-LINE AQUASTAT.
- RECEPTACLE BOX TO BE FLUSH MOUNTED IN MASONRY. COORDINATE INSTALLATION WITH MASON TO ALLOW FLIP COVER TO OPERATE PROPERLY.
- STUB 1-1/2" PVC CONDUIT FROM PANEL TO BELOW GRADE BEYOND BUILDING FOR FUTURE SOLAR PV.
- REMOVE EXISTING WOOD POLE, STREET LIGHT FIXTURE, AND WIRING.
- PROVIDE EMPTY 3/4" CONDUIT STUB FROM INSIDE POLE BASE TO BELOW GRADE AND UP INTO EQUIPMENT STORAGE ROOM FOR INTERNET ANTENNA. COORDINATE INSTALLATION WITH OWNER.
- PROVIDE EMPTY 2" CONDUIT FROM EQUIPMENT STORAGE ROOM TO BELOW GRADE FOR TELECOMMUNICATIONS SERVICE ENTRANCE BY OTHERS.
- ALL CONDUIT AND BOXES THIS ROOM TO BE CONCEALED INSIDE WALLS AND ABOVE FINISHED CEILING.



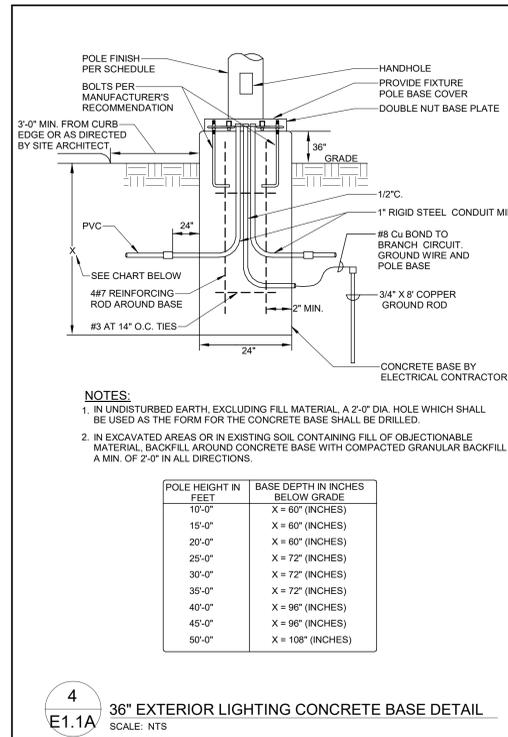
**3 TOILET/PET WASH SHELTER - POWER**  
E1.1A Scale: 1/4" = 1'-0"



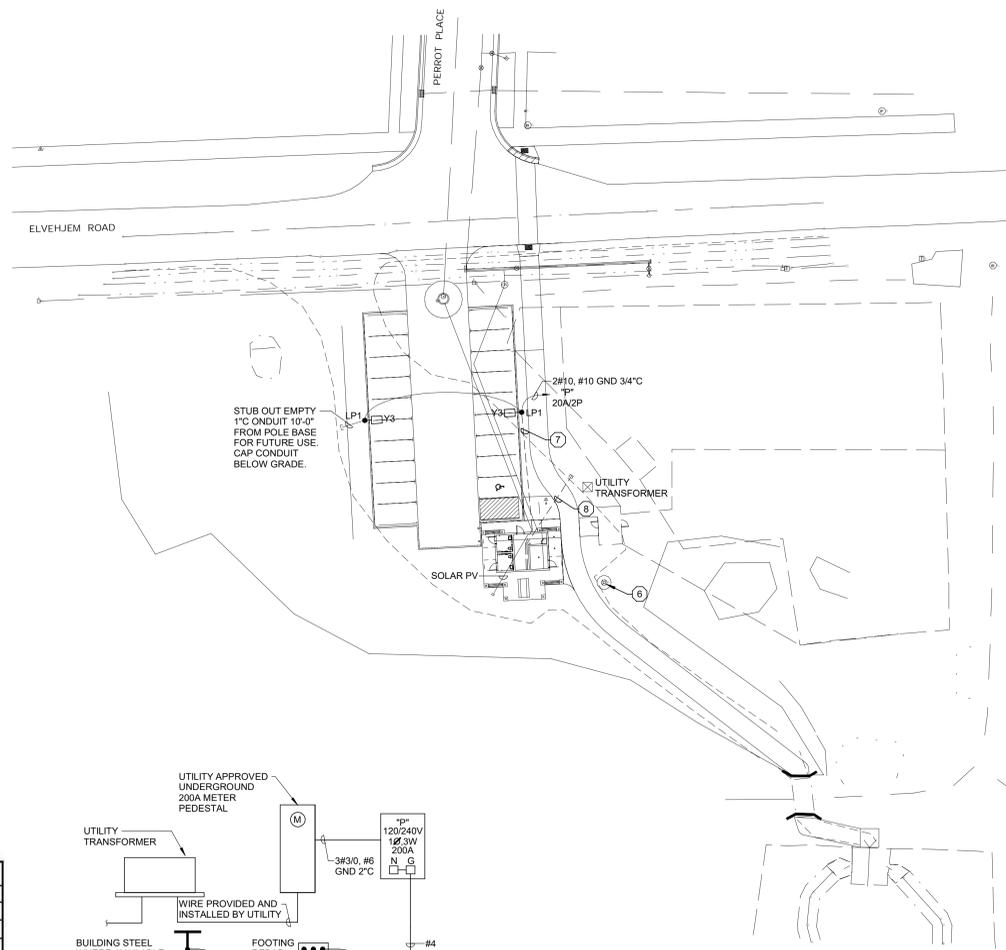
**2 TOILET/PET WASH SHELTER - LIGHTING**  
E1.1A Scale: 1/4" = 1'-0"

PANEL SCHEDULE: "P"				VOLTAGE: 120/240V 1P, 3W	
TYPE: SQUARE D NO		MOUNT: SURFACE		BUS AMPACITY: 200A	
ISOLATED GROUND BUS: NO		GROUND BUS: YES		MAIN CIRCUIT BKR: 200A	
WITH THE FOLLOWING BREAKERS:				SUB-FEED LUGS: NO	
QUANTITY	POLE	AMPS	LOAD SERVED	AMPS AIC: 22 KAIC	
4	2	40	ECH-7, ECH-8, ECH-9, ECH-10		
2	2	20	SITE LIGHTING, WH-1		
1	1	20	GFI DOG WASH		
14	1	20	GENERAL USE & SPARES		
2	1	15	CP-1, CAMERA & KEYLESS ENTRY PANEL		
13	1	-	SPACE		

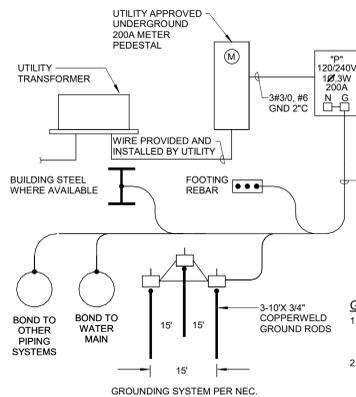
NOTE: 42 CKT PANEL.



**4 36" EXTERIOR LIGHTING CONCRETE BASE DETAIL**  
E1.1A SCALE: NTS



**1 PET WASH SITE PLAN - ELECTRICAL**  
E1.1A Scale: 1" = 30'-0"



**ONE LINE TOILET/PET WASH SHELTER**  
NTS

- GENERAL NOTES:**
- ELECTRIC SERVICE INSTALLATION TO COMPLY WITH ALLIANT ENERGY REQUIREMENTS AND STANDARDS.
  - ALL WIRE TO BE COPPER.

MCFARLAND PARKS FIXTURE SCHEDULE						
TYPE	DESCRIPTION	LAMP TYPE	VOLT	WATTS	MANUFACTURER	CATALOG NUMBER
G1	1'X1' LED RECESSED FLANGED TROFFER - 3000 LUMENS - VANDAL RESISTANT - WET LOCATION - WHITE STAINLESS STEEL HOUSING	4000K LED	120	30	KURTZON	VL-F-3-1X1-MED-840-UNV-6/2-WHT-AH
G2	1'X1' LED RECESSED FLANGED TROFFER - 4400 LUMENS - VANDAL RESISTANT - WET LOCATION - WHITE STAINLESS STEEL HOUSING	4000K LED	120	45	KURTZON	VL-F-3-1X1-HI-840-UNV-6/2-WHT-AH
G3	1'X4' LED RECESSED FLANGED TROFFER - 6400 LUMENS - VANDAL RESISTANT - WET LOCATION - WHITE STAINLESS STEEL HOUSING	4000K LED	120	68	KURTZON	VL-R-3-1X4-840-UNV-2/6-WHT-AH
H1	SIZE 2 LED WEDGE WALL PACK - WIDE THROW - 3000 LUMENS	4000K LED	120	23	LITHONIA	WDGE2LED-P3-40K-80CRI-VW-MVOLT-SRM
M1	4" LOW PROFILE LED WRAPAROUND - 4000 LUMENS	4000K LED	120	35	LITHONIA	BLWP4-40L-SDSM-GZ10-LP840-PAF
M2	8" LOW PROFILE LED WRAPAROUND - 8000 LUMENS	4000K LED	120	63	LITHONIA	BLWP8-80L-SDSM-GZ10-LP840-PAF
O1	10" SQUARE SURFACE LED CANOPY - 3500 LUMENS	4000K LED	120	27	LITHONIA	CHYLED-P0-40K-MVOLT
S1	4" LED LENSED STRIP - 3000 LUMENS	4000K LED	120	20.3	LITHONIA	CLX-L48-3000LM-SEF-FDL-MVOLT-GZ10-40K-80CRI-WH
Y3	LED AREA FIXTURE - TYPE 3 WIDE - 11,000 LUMENS - B-LEVEL MOTION SENSOR - INTEGRAL PHOTOCELL - EXTERNAL GLARE SHIELD	4000K LED	240	71	LITHONIA	RSX2LED-P1-40K-R3-MVOLT-SPA-PIRHN-EGS
LP1	15'-0" STRAIGHT SQUARE STEEL 4" POLE - SINGLE	-	-	-	LITHONIA	SSS-15-4C-DM19AS-IC

**GENERAL NOTES:**

- SEE SPECIFICATIONS FOR FIXTURE REQUIREMENTS.
- ALTERNATE FIXTURES ARE NOT ALLOWED.
- ALL INTERIOR LED FIXTURES TO HAVE A MINIMUM CRI OF 80+. ALL EXTERIOR LED FIXTURES TO HAVE A MINIMUM CRI OF 70+.
- MOUNT FIXTURES AT HEIGHT INDICATED ON DRAWINGS UNLESS NOTED OTHERWISE.

**PLAN NOTES:**

- ARCHITECT TO SELECT STANDARD COLOR AND FINISH.

Sheet List	
Sheet Number	Sheet Name
E1.1A	TOILET/DOG WASH SHELTER PLANS
E1.1B	OPEN SHELTER PLANS
E1.1C	PAVILION ADDITION PLANS



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Project Title:  
**McFarland Park Facility Projects**  
Village of McFarland  
McFarland, WI

REVISIONS:	
DATE	DESCRIPTION

Project Number:  
**3491**

Issued For:  
**Construction Documents**

Issued to Bid 06/05/2020

Sheet Title:  
**TOILET/DOG WASH SHELTER PLANS**

Sheet Number:  
**E1.1A**

# ELECTRICAL SYMBOLS AND ABBREVIATIONS

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

**S** SINGLE POLE SWITCH, 3=3 WAY, 4=4 WAY, P=PILOT, R=RELAY, K=KEYED, ILLUMINATED, D=DIMMER, M=MOTION SENSOR SWITCH, SENSOR SWITCH

**⊕** DUPLEX RECEPTACLE C=CEILING MOUNTED

**⊕** DUPLEX RECEPTACLE MOUNTED AT 42" TO CENTER

**⊕** POWER RECEPTACLE 240V 30=30AMP 60=60AMP R = 50A RANGE OUTLET D = 30A DRYER OUTLET

**⊕** DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER

**⊕** DOUBLE DUPLEX RECEPTACLE (RECEPTACLES MOUNTED SIDE BY SIDE)

**⊕** BLANK OUTLET FOR FUTURE DEVICES 4" BOX, SINGLE GANG RING, BLANKPLATE, 1" C. STUBBED INTO ACCESSIBLE CEILING

**⊕** BLANK OUTLET MTD @ 42" FOR FUTURE DEVICES 4" BOX, SINGLE GANG RING, BLANKPLATE, 1" C. STUBBED INTO ACCESSIBLE CEILING

**⊕** EQUIPMENT CONNECTION

**J** J-BOX

**F** HEAVY DUTY DISCONNECT F=FUSIBLE PROOF FURNISHED BY E.C.

**NS** NON-COMBINATION STARTER

**CS** COMBINATION STARTER

**MS** MANUAL STARTER

**NS** NEW SURFACE MOUNTED PANEL. SEE PLANS.

**NS** NEW FLUSH MOUNTED PANEL. SEE PLANS.

**NS** EXISTING SURFACE MOUNTED PANEL. SEE PLANS.

**NS** EXISTING FLUSH MOUNTED PANEL. SEE PLANS.

**XXX** TYPE

**XXXX** EQUIPMENT LOCATION

**XXXX** DESIGNATION

**XXXX** REFERS TO DETAIL

**XXXX** SHEET NO. WHERE DETAIL IS LOCATED

**X** REFERS TO NOTE NUMBER

**CS** DOOR CONTACT SWITCH

**ES** ELECTRIC STRIKE.

**CR** CARD READER.

**⊕** CEILING MOUNTED FLUSH OR SURFACE

**⊕** WALL MOUNTED, FLUSH OR SURFACE

**⊕** FLUORESCENT FIXTURE

**⊕** EMERGENCY LIGHT

**⊕** RECESSED EMERGENCY LIGHT

**⊕** EXIT LIGHT - ONE FACE

**⊕** EXIT LIGHT - TWO FACE

**⊕** DUAL TECHNOLOGY OCCUPANCY SENSOR LIGHTING

**⊕** ULTRASONIC OCCUPANCY SENSOR LIGHTING

**⊕** PHOTOCELL

**⊕** MOTOR OUTLET TERMINAL, ON ROOF MOUNTED UNITS PROVIDE WEATHER PROOF DISCONNECTS: X = HORSE POWER OR MOTOR NUMBER IF SCHEDULE IS PROVIDED.

**⊕** CIRCUIT HOMERUN TO 20A/1P BREAKER UNLESS SHOWN OTHERWISE ON DRAWINGS.

**⊕** INDICATES CONNECTED TO SAME CIRCUIT BUT CONTROLLED SEPARATELY

**⊕** COND. STUB THROUGH WALL BUSHED EACH END

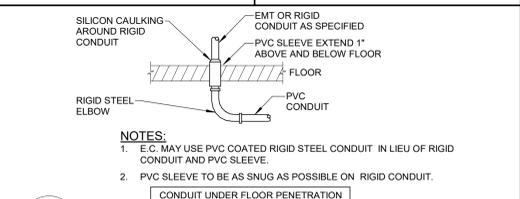
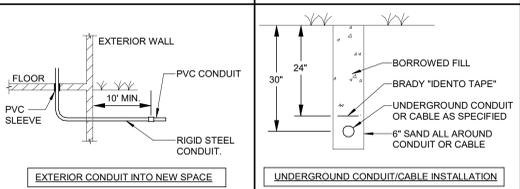
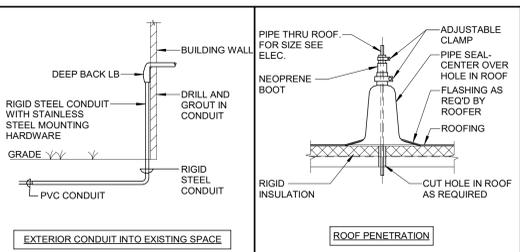
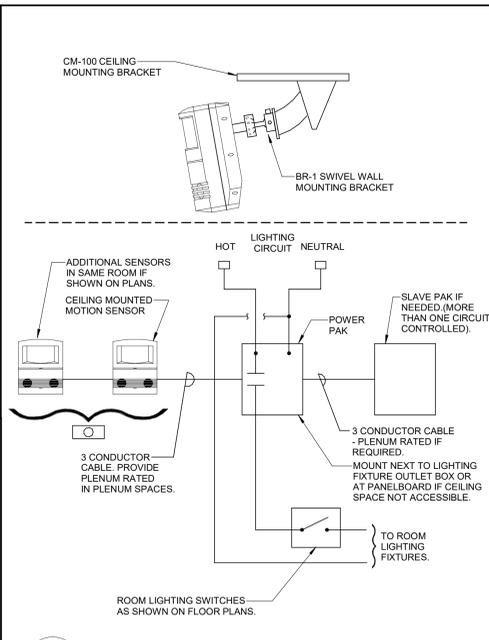
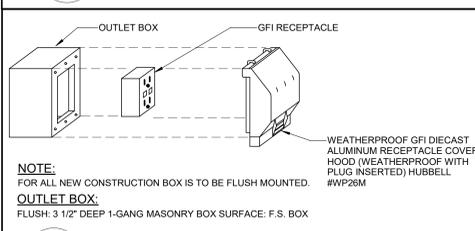
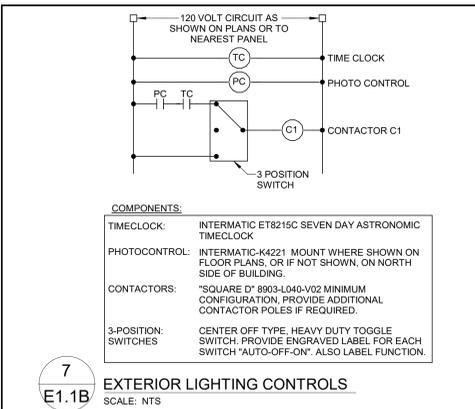
**⊕** SECURITY CAMERA

**ABBREVIATIONS**

AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
C	CONDUIT
CKT	CIRCUIT
CT	CURRENT TRANSFORMER
EBB	ELECTRICAL BASE BOARD
EC	ELECTRICAL CONTRACTOR
ECB	ENCLOSED CIRCUIT BREAKER
ELEV	ELEVATION
EM	EMERGENCY
EQ	EQUIPMENT
EUH	ELECTRIC UNIT HEATER
EWC	ELECTRIC WATER COOLER
EWL	ELECTRIC WALL HEATER
FBO	FURNISHED BY OTHERS
GUH	GAS UNIT HEATER
GC	GENERAL CONTRACTOR
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
IG	ISOLATED GROUND
INC	INCANDESCENT
JB	JUNCTION BOX
MTD	MOUNTED
NL	NIGHT LIGHT
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OHD	OVERHEAD DOOR
OC	ON CENTER
PC	PHOTOCELL
REF	REFRIGERATOR
RTU	ROOF TOP UNIT
SPD	SURGE PROTECTED DEVICE
SS	STAINLESS STEEL
UH	UNIT HEATER
VFD	VARIABLE FREQUENCY DRIVE
WE	WALL EXHAUST
WH	WATER HEATER
WP	WEATHER PROOF

**OCCUPANCY SENSOR SCHEDULE**

SYMBOL	DESCRIPTION	SENSOR/SWITCH
⊕	DUAL TECHNOLOGY OCCUPANCY SENSOR	CM-PDT-9-R-LT

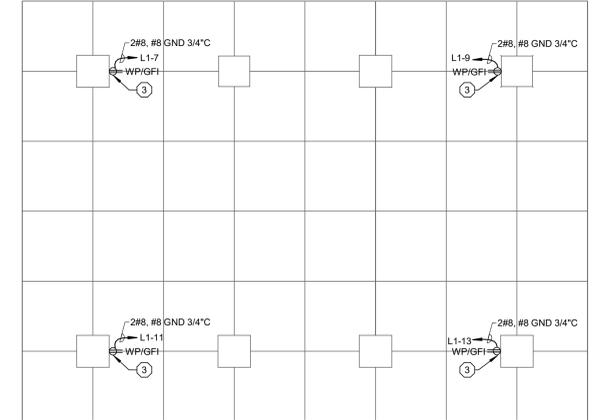
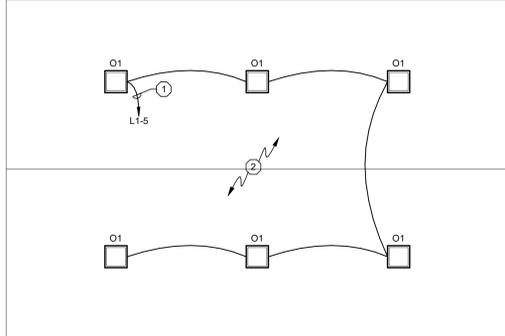


**7** EXTERIOR LIGHTING CONTROLS  
SCALE: NTS

**6** GFI/WP RECEPTACLE MOUNTING DETAIL  
SCALE: NTS

**5** MOTION SENSOR LIGHTING CONTROL  
SCALE: NTS

**4** CONDUIT DETAILS  
SCALE: NTS



**1** PARK SHELTER - LIGHTING  
Scale: 1/4" = 1'-0"

**2** PARK SHELTER - POWER  
Scale: 1/4" = 1'-0"

- GENERAL NOTES:**
- ALL LIGHTING FIXTURES IN MECHANICAL ROOMS SHALL BE LAID OUT ON SITE AND DETERMINED BY THE MECHANICAL EQUIPMENT IN ROOM.
  - IN ROOMS WITH OCCUPANCY SENSOR, GENERAL ILLUMINATION IN ROOM SHALL BE CONTROLLED BY SENSOR, CONTRACTOR TO DETERMINE BEST LOCATION FOR SENSOR IN FIELD WITH MANUFACTURER. SEE DETAIL 5.
  - PROVIDE EXTERIOR RECEPTACLES PER DETAIL 6.
  - ALL CONDUITS STUBBED OUT OF BUILDING SHALL BE DONE PER DETAIL 4.
  - ALL RECEPTACLES MOUNTED WITHIN 6 FEET OF SINKS SHALL BE GFI TYPE.
  - (---) INDICATES APPROXIMATE UNDERGROUND ROUTING OF CONDUITS AND FEEDERS.
- PLAN NOTES:**
- CONTROL THIS CIRCUIT THROUGH CONTACTOR C1 PHOTOCELL-ON, TIMECLOCK-OFF, SEE DETAIL 7.
  - CONCEAL ALL CONDUIT ABOVE CANOPY CEILING.
  - ALL CONDUITS TO BE CONCEALED IN MASONRY COLUMN TO RECEPTACLES. CONDUIT TO BE ROUTED BELOW CONCRETE SLAB INTO BOTTOM OF MASONRY COLUMN. RECEPTACLE BOX TO BE FLUSH MOUNTED IN MASONRY. COORDINATE INSTALLATION WITH MASON TO ALLOW FLIP COVER TO OPERATE PROPERLY.
  - PROVIDE EMPTY 2" CONDUIT FROM STORAGE ROOM TO BELOW GRADE FOR TELECOMMUNICATIONS SERVICE ENTRANCE BY OTHERS.

**3** PARK SHELTER SITE PLAN - ELECTRICAL  
Scale: 1" = 30'-0"

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Project Title:  
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Village of McFarland  
McFarland, WI

**REVISIONS:**

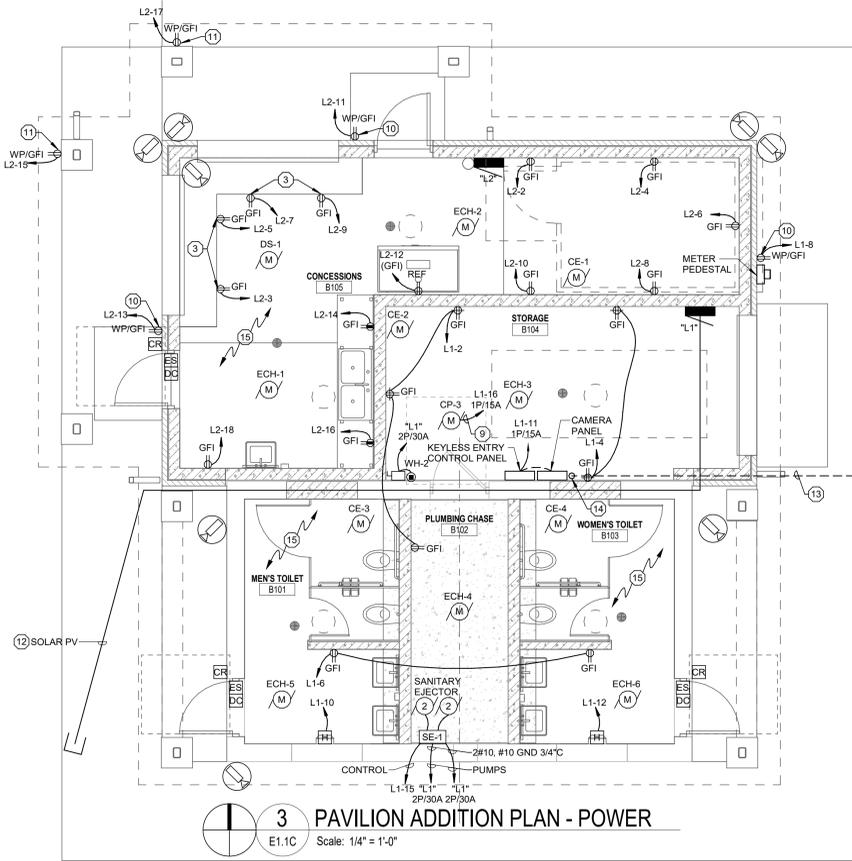
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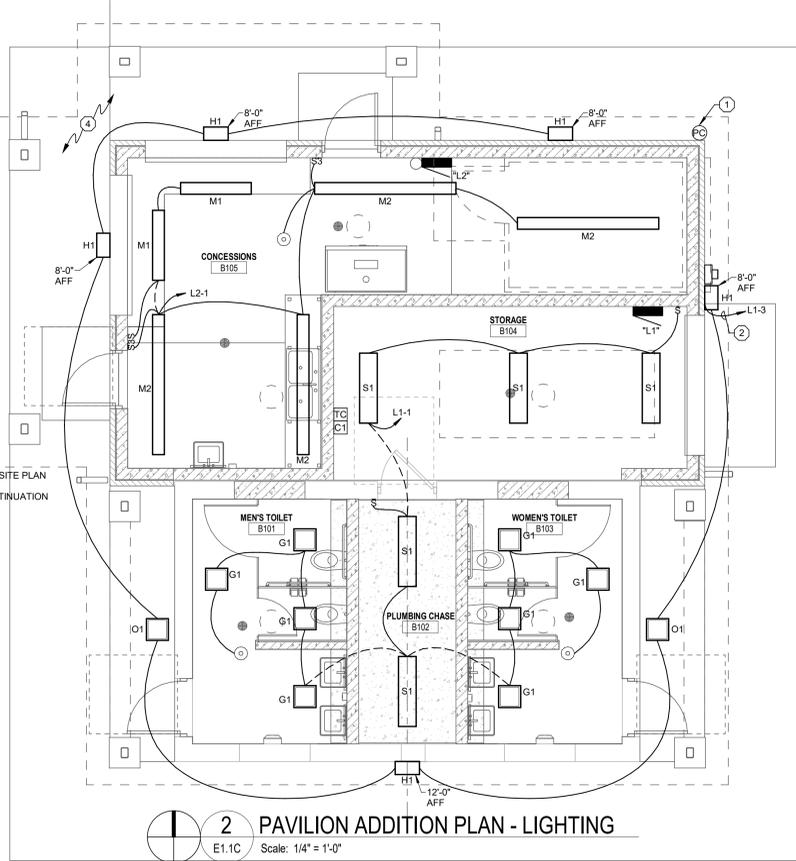
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Sheet Title:  
**OPEN SHELTER PLANS**

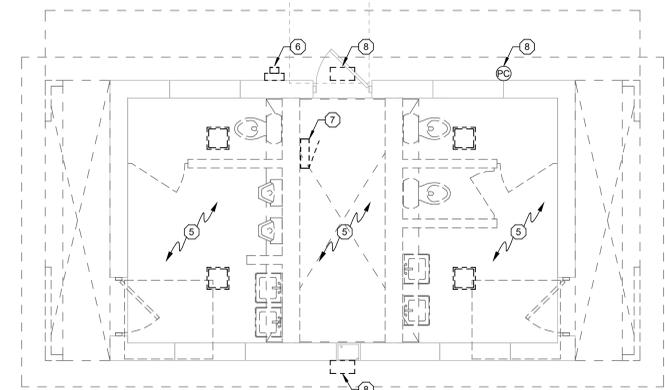
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**E1.1B**



**3 PAVILION ADDITION PLAN - POWER**  
Scale: 1/4" = 1'-0"  
E1.1C



**2 PAVILION ADDITION PLAN - LIGHTING**  
Scale: 1/4" = 1'-0"  
E1.1C



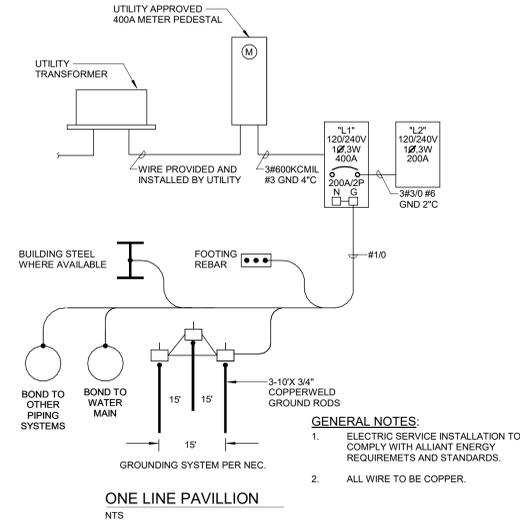
**1 PAVILION ADDITION PLAN - DEMOLITION**  
Scale: 1/4" = 1'-0"  
E1.1C

PANEL SCHEDULE: "L1"				VOLTAGE: 120/240V 1P.3W			
TYPE: SQUARE D NQ				BUS AMPACITY: 400A			
MOUNT: SURFACE				MAIN CIRCUIT BKR: 400A			
ISOLATED GROUND BUS: NO				SUB-FEED LUGS: NO			
GROUND BUS: YES				AMPS AIC: 22 KAIC			
WITH THE FOLLOWING BREAKERS:							
QUANTITY	POLE	AMPS	LOAD SERVED				
1	2	200	PANEL "L2"				
2	2	40	ECH-5, ECH-6				
2	2	30	SANITARY EJECTOR PUMPS				
3	2	20	ECH-3, ECH-4, WH-2				
22	1	20	GENERAL USE & SPARES				
2	1	15	CP-2, CAMERA & KEYLESS ENTRY PANEL				
14	1	-	SPACE				

NOTE: 54 CKT PANEL.

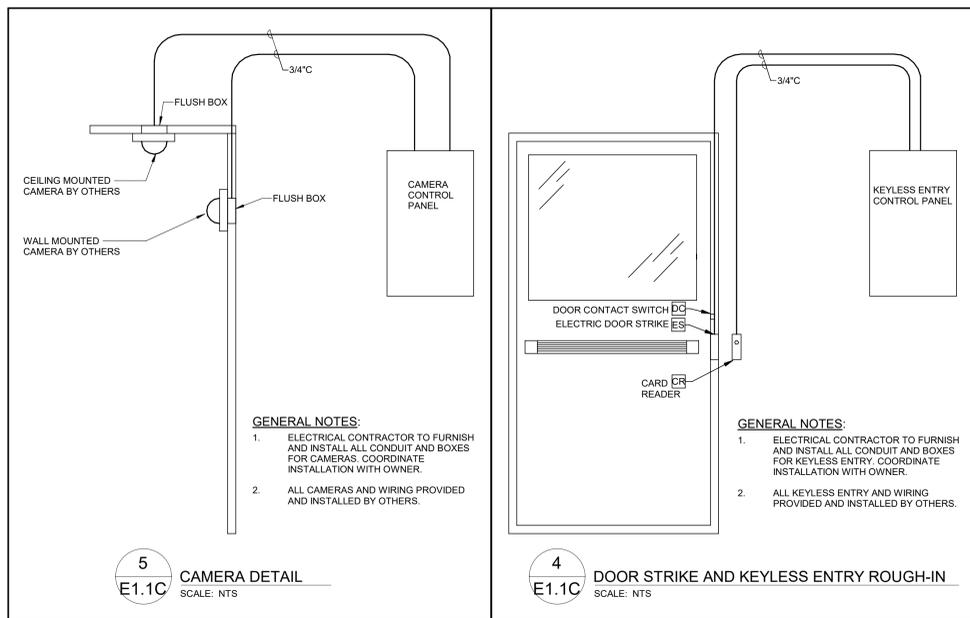
PANEL SCHEDULE: "L2"				VOLTAGE: 120/240V 1P.3W			
TYPE: SQUARE D NQ				BUS AMPACITY: 200A			
MOUNT: SURFACE				MAIN CIRCUIT BKR: NONE			
ISOLATED GROUND BUS: NO				SUB-FEED LUGS: NO			
GROUND BUS: YES				AMPS AIC: 22 KAIC			
WITH THE FOLLOWING BREAKERS:							
QUANTITY	POLE	AMPS	LOAD SERVED				
2	2	30	ECH-1, ECH-2				
1	1	20	GFI REFRIGERATOR				
22	1	20	GENERAL USE & SPARES				
15	1	-	SPACE				

NOTE: 42 CKT PANEL.



- PLAN NOTES:**
- MOUNT PHOTOCELL TO FLUSH WEATHERPROOF BOX IN SOFFIT WITH STAINLESS STEEL WEATHERPROOF PLATE. AIM PHOTOCELL NORTH.
  - CONTROL THIS CIRCUIT THROUGH CONTACTOR C1 PHOTOCELL-ON, TIMELOCK-OFF. SEE DETAIL E1.1B.
  - MOUNT RECEPTACLES BELOW FRONT EDGE OF COUNTER TOP. PROVIDE SINGLE GANG WEATHERPROOF BOX.
  - CONCEAL ALL CONDUIT ABOVE CANOPY CEILING.
  - REMOVE AND SITE CLEAR ALL LIGHTING AND ELECTRICAL IN THIS AREA. REMOVE ALL DEVICES, FIXTURES, CONTROLS, WIRING, AND CONDUIT. REMOVE ALL ELECTRICAL ON WALLS SHOWN TO REMAIN.
  - DISCONNECT AND REMOVE EXISTING METER PEDESTAL AND ALL WIRE AND CONDUIT.
  - REMOVE EXISTING PANEL AND ALL WIRE AND CONDUIT. EXTEND EXISTING BRANCH CIRCUITS TO REMAIN TO NEW PANEL "L1".
  - REMOVE EXISTING WALL PACK AND WIRE, CONDUIT, AND PHOTOCELL CONTROLS.
  - WIRE CIRCULATION PUMP THROUGH IN-LINE AQUASTAT.
  - RECEPTACLE TO BE FLUSH MOUNTED IN MASONRY. COORDINATE INSTALLATION WITH MASON TO ALLOW FLIP COVER TO OPERATE PROPERLY.
  - ALL CONDUITS TO BE CONCEALED IN MASONRY COLUMN TO RECEPTACLES. CONDUIT TO BE ROUTED BELOW CONCRETE SLAB INTO BOTTOM OF MASONRY COLUMN. RECEPTACLE BOX TO BE FLUSH MOUNTED IN MASONRY. COORDINATE INSTALLATION WITH MASON TO ALLOW FLIP COVER TO OPERATE PROPERLY.
  - STUB 1-1/2" PVC CONDUIT FROM PANEL TO BELOW GRAD BEYOND BUILDING FOR FUTURE SOLAR PV.
  - PROVIDE EMPTY 2" CONDUIT FROM STORAGE ROOM TO BELOW GRADE FOR TELECOMMUNICATIONS SERVICE ENTRANCE BY OTHERS.
  - PROVIDE 3/4" CONDUIT STUB THROUGH ROOF WITH WEATHERHEAD FOR INTERNET ANTENNA. COORDINATE INSTALLATION WITH OWNER.
  - ALL CONDUIT AND BOXES THIS ROOM TO BE CONCEALED INSIDE WALLS AND ABOVE FINISHED CEILING.

- GENERAL NOTES:**
- ELECTRIC SERVICE INSTALLATION TO COMPLY WITH ALLIANT ENERGY REQUIREMENTS AND STANDARDS.
  - ALL WIRE TO BE COPPER.



**5 CAMERA DETAIL**  
SCALE: NTS  
E1.1C

**4 DOOR STRIKE AND KEYLESS ENTRY ROUGH-IN**  
SCALE: NTS  
E1.1C

HVAC EQUIPMENT DESCRIPTION	ELECTRICAL DATA					STARTER			CIRCUIT					NOTE					
	MCA	MOCP	HP	VOLTAGE	PHASE	KW	FURNISHED BY	INSTALLED BY	LOCATION	TYPE	PANEL	CKT NO.	CIRCUIT BREAKER AMPS		POLE	NO.	SIZE	GND	CONDUIT
	CE-1				120	1	0.06	HVAC	EC	NEAR UNIT	SP. SW.	L2	20		20	1	2	#12	#12
CE-2				120	1	0.06	HVAC	EC	NEAR UNIT	SP. SW.	L1	14	20	1	2	#12	#12	1/2"	
CE-3				120	1	0.1	HVAC	EC	NEAR UNIT	SP. SW.	L1	14	20	1	2	#12	#12	1/2"	
CE-4				120	1	0.1	HVAC	EC	NEAR UNIT	SP. SW.	L1	14	20	1	2	#12	#12	1/2"	
CE-5				120	1	0.07	HVAC	EC	NEAR UNIT	SP. SW.	P	5	20	1	2	#12	#12	1/2"	
CE-6				120	1	0.07	HVAC	EC	NEAR UNIT	SP. SW.	P	5	20	1	2	#12	#12	1/2"	
CE-7				120	1	0.07	HVAC	EC	NEAR UNIT	SP. SW.	P	5	20	1	2	#12	#12	1/2"	
CE-8				120	1	0.07	HVAC	EC	NEAR UNIT	SP. SW.	P	5	20	1	2	#12	#12	1/2"	
DS-1				120	1	0.09	HVAC	EC	NEAR UNIT	SP. SW.	L2	20	20	1	2	#12	#12	1/2"	
ECH-1				240	1	5	HVAC	HVAC	PRE-WIRED	-	L2	-	30	2	2	#10	#10	1/2"	
ECH-2				240	1	5	HVAC	HVAC	PRE-WIRED	-	L2	-	30	2	2	#10	#10	1/2"	
ECH-3				240	1	3	HVAC	HVAC	PRE-WIRED	-	L1	-	20	2	2	#12	#12	1/2"	
ECH-4				240	1	3	HVAC	HVAC	PRE-WIRED	-	L1	-	20	2	2	#12	#12	1/2"	
ECH-5				240	1	7	HVAC	HVAC	PRE-WIRED	-	L1	-	40	2	2	#8	#10	3/4"	
ECH-6				240	1	7	HVAC	HVAC	PRE-WIRED	-	L1	-	40	2	2	#8	#10	3/4"	
ECH-7				240	1	7	HVAC	HVAC	PRE-WIRED	-	P	-	40	2	2	#8	#10	3/4"	
ECH-8				240	1	7	HVAC	HVAC	PRE-WIRED	-	P	-	40	2	2	#8	#10	3/4"	
ECH-9				240	1	7	HVAC	HVAC	PRE-WIRED	-	P	-	40	2	2	#8	#10	3/4"	
ECH-10				240	1	7	HVAC	HVAC	PRE-WIRED	-	P	-	40	2	2	#8	#10	3/4"	

- GENERAL NOTES:**
- DISCONNECTS FOR HVAC EQUIPMENT FURNISHED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO INSTALL PER MECHANICAL CONTRACTORS REQUIREMENTS.
  - ALL WIRE TO HVAC EQUIPMENT TO BE COPPER ONLY.

- GENERAL NOTES:**
- ALL LIGHTING FIXTURES IN MECHANICAL ROOMS SHALL BE LAID OUT ON SITE AND DETERMINED BY THE MECHANICAL EQUIPMENT IN ROOM.
  - IN ROOMS WITH OCCUPANCY SENSOR, GENERAL ILLUMINATION IN ROOM SHALL BE CONTROLLED BY SENSOR. CONTRACTOR TO DETERMINE BEST LOCATION FOR SENSOR IN FIELD WITH MANUFACTURER. SEE DETAIL E1.1B.
  - PROVIDE EXTERIOR RECEPTACLES PER DETAIL E1.1B.
  - ALL CONDUITS STUBBED OUT OF BUILDING SHALL BE DONE PER DETAIL E1.1B.
  - ALL RECEPTACLES MOUNTED WITHIN 6 FEET OF SINKS SHALL BE GFI TYPE.
  - ALL KEYLESS ENTRY EQUIPMENT AND WIRING FURNISHED AND INSTALLED BY OTHERS. E.C. TO PROVIDE ALL REQUIRED RACEWAYS, BOXES, AND 120V WIRING. COORDINATE WORK WITH SYSTEM VENDOR AND OWNER. SEE DETAIL E1.1C.
  - ALL VIDEO SURVEILLANCE EQUIPMENT FURNISHED AND INSTALLED BY OTHERS. E.C. TO PROVIDE ALL REQUIRED RACEWAYS, CAT6 DATA CABLE, AND 120V WIRING. COORDINATE WORK WITH SYSTEM VENDOR AND OWNER. SEE DETAIL E1.1C.



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Project Title:  
**McFarland Park Facility Projects**  
**Village of McFarland**  
**McFarland, WI**

REVISIONS:  
DATE DESCRIPTION

Project Number:  
**3491**

Issued For:  
**Construction Documents**  
Issued to Bid 06/05/2020

Sheet Title:  
**PAVILION ADDITION PLANS**

Sheet Number:  
**E1.1C**