COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

City of LaCrosse
Parks, Recreation & Forestry

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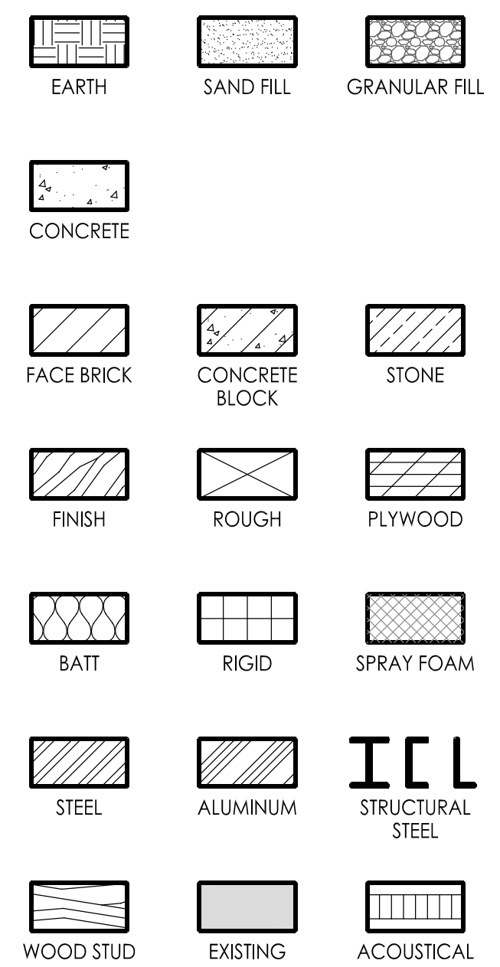
MATERIALS LEGEND



EARTH

CONCRETE

MASONRY

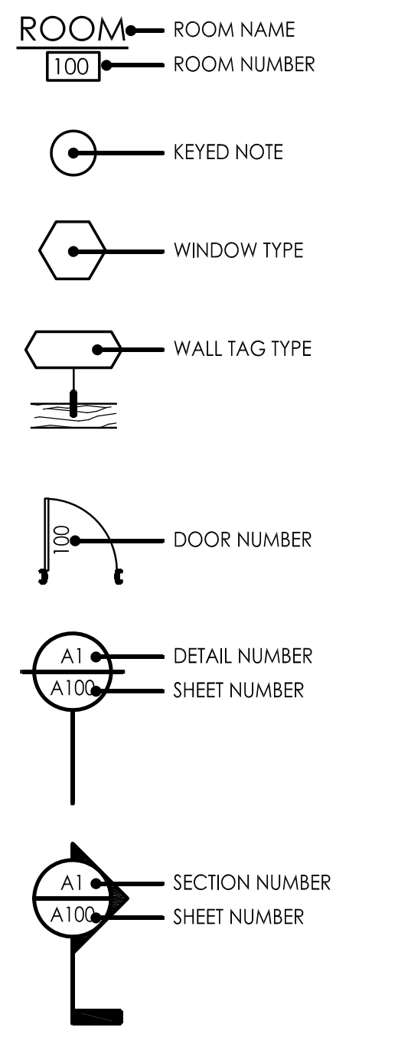
WOOD

INSULATION

METAL

MISC.

SYMBOL LEGEND



ARCHITECTURAL ABBREVIATIONS

A.B.	ANCHOR BOLT
A/C	AIR CONDITIONING
ACT	ACOUSTICAL PANEL CEILING TILE
A.F.F.	ABOVE FINISHED FLOOR
ALUM.	ALUMINUM
ALT	ALTERNATE
AP	ACCESS PANEL
APPROX	APPROXIMATE(LY)
ASPH	ASPHALT
ATTM.	ATTACHMENT
BD.	BOARD
BLDG.	BUILDING
BLKG	BLOCKING
BM.	BEAM, BENCH MARK
B.O.	BOTTOM OF
BOT.	BOTTOM
BRG	BEARING
B/S	BOTH SIDES
BSMT.	BASEMENT
BTWN.	BETWEEN
C/C	CENTER TO CENTER
C.I.P.	CAST IN PLACE
CF	CUBIC FEET
CJ	CONTOL JOINT
CHNLS	CHANNELS
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CLK	CAULK(ING)
CMU	CONCRETE MASONRY UNIT
CMNT	CEMENT
CO	CLEANOUT
COL.	COLUMN
CONC.	CONCRETE
CONTIN.	CONTINUE, CONTINUOUS
CONST.	CONSTRUCTION
CR	CURB RAMP
CRPT.	CARPET
CT	CERAMIC TILE
CTR.	CENTER
CY	CUBIC YARD
DBL	DOUBLE
DET.	DETAIL
DIA.	DIAMETER
DIAG.	DIAGONAL
DIM.	DIMENSION
DIST	DISTANCE
DN	DOWN
DR	DOOR, DRAIN
D.S.	DOWN SPOUT
DTL	DETAIL
DW	DISHWASHER
DWALL	DRYWALL
DWG	DRAWING
DWLS.	DOWELS
EA.	EACH
E.F.	EACH FACE
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EL	ELEVATION
ELEC.	ELECTRIC(AL)
ELEV.	ELEVATOR, ELEVATION
EPDM	ETHYLENE-PROPYLENE-DIENE -MONOMER
EPI	EXTRUDED POLYSTYRENE INSULATION
EQ	EQUAL
EQUIP	EQUIPMENT
E.W.	EACH WAY
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPOSED, EXPANSION
EXT.	EXTERIOR
FAC	FIRE ACCESS CABINET
F.D.	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
F.G.	FIBERGLASS
FIN.	FINISH
F.O.	FINISHED OPENING
FRMG.	FRAMING
FLR.	FLOOR
FLUR	FLUORESCENT
FDN	FOUNDATION
FRG.	FURRING
FRT	FIRE-RETARDANT TREATED
F/S	FAR SIDE
FT.	FOOT (FEET)
FTG	FOOTING, FITTING
FUT.	FUTURE
G	GAS
GA.	GAUGE
GALV.	GALVANIZED
GB	GRAB BAR
G.C.	GENERAL CONTRACT(OR)
GL.	GLASS, GLAZING
GYP BD.	GYPSUM WALL BOARD
GYP	GYPSUM
H.B.	HOSE BIB
H.C.	HOLLOW CORE
HRD.	HEADER
HDWR.	HARDWARE
HGT	HEIGHT
H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
HR	HOUR
HTG	HEATING
HVAC	HEATING/VENTILATING/AIR CONDITIONING
HW	HOT WATER
H.W.S.	HEADED WELDED STUDS
HYD	HYDRANT
I.D.	INSIDE DIAMETER
IE	INVERT ELEVATION
I.F.	INSIDE FACE
IN.	INCH
INC.	INCLUDE(D), INCLUDING
INSUL.	INSULATE(D), INSULATION
INT	INTERIOR
JST.	JOIST
JT	JOINT
KCJ	KEYED CONSTRUCTION JOINT
KIT	KITCHEN
K.O.	KNOCKOUT
KWY.	KEYWAY
L	LENGTH
LAV	LAVATORY
LOC.	LOCATE
LF	LINEAR FOOT
LL	LIVE LOAD
L.L.H.	LONG LEG HORIZONTAL
L.L.V.	LONG LEG VERTICAL
LT. WT.	LIGHT WEIGHT
MANUF.	MANUFACTURER
MAS.	MASONRY
MAX	MAXIMUM
M.B.	MACHINE BOLT
MECH	MECHANICAL
MEMB	MEMBRANE
MEZZ.	MEZZANINE
MFR.	MANUFACTURER
MIN.	MINIMUM
MISC.	MISCELLANEOUS
M.O.	MASONRY OPENING
MTL	METAL
M.R.	MOISTURE RESISTANT
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
NOM	NOMINAL
N/S	NEAR SIDE
N.T.S.	NOT TO SCALE
O/C	ON CENTER
O.D.	OUTSIDE DIAMETER
O.F.	OUTSIDE FACE
O.H.	OVERHEAD, OVERHANG
O/OPNG.	OPENING
OPP.	OPPOSITE
OSB	ORIENTATED STRAND BOARD
PART	PARTITION
PC	POLYCARBONATE
PCF	POUNDS PER CUBIC FOOT
PED	PEDESTAL
PERP	PERPENDICULAR
PL.	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTIC
PLBG	PLUMBING
PLF	POUNDS PER LINEAL FOOT
PNL	PANEL
POLY	POLYETHYLENE
PROJ	PROJECT, PROJECTED
PROP	PROPERTY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
P.T.	PRESSURE TREATED
PNT.	PAINT(ED)
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
PWD	PLYWOOD
Q.T.	QUARRY TILE
R	RADIUS, RISER
RA	RETURN AIR
R.D.	ROOF DRAIN
RDM	RANDOM
RE	REFER TO
REF.	REFERENCE, REFRIGERATOR
REINF	REINFORCING, REINFORCED, REINFORCEMENT
REQD	REQUIRED
REV.	REVISE, REVISION, REVERSED
RM	ROOM
R.O.	ROUGH OPENING
RT.	RIGHT
RVL	REVEAL
SA	SUPPLY AIR
SC	SOLID CORE
SCHED	SCHEDULE
SECT.	SECTION
SF	SQUARE FOOT
SH	SHELF, SHELVING, SHOWER
SHT	SHEET
SIM.	SIMILAR
S.M.S.	SHEET METAL SCREENS
S.M.G.	SLAB ON GRADE
SPEC.	SPECIFICATIONS
SPKR	SPEAKER
SQ	SQUARE
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION COEFFICIENT
STD	STANDARD
STL	STEEL
STRUCT.	STRUCTURAL
SUSP	SUSPENDED
SY	SQUARE YARD
SYM.	SYMMETRICAL
T	TREAD
T + G	TONGUE AND GROOVE
T.B.B.	TILE BACKER BOARD
TBD	TO BE DETERMINED
TELE	TELEPHONE
T/G	TONGUE AND GROOVE
THK	THICK(NESS)
T.O.	TOP OF
T.O.L.	TOP OF BRICK LEDGE
T.O.F.	TOP OF FOOTING
T.O.S.	TOP OF STEEL
T.O.W.	TOP OF WALL
TYP.	TYPICAL
UH	UNIT HEATER
ULMNT	UNDERLAYMENT
U.N.O.	UNLESS NOTED OTHERWISE
V.B.	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
V.P.C.	VINYL PANEL CEILING
VERT.	VERTICAL
VT	VINYL TILE
W	WATER
W/	WITH
WD.	WOOD
WF	WIDE FLANGE
W/O	WITHOUT
WP.	WATERPROOF(ING)
W.P.C.	WOOD PANEL CEILING
WSCT	WAINSCOT
WT.	WEIGHT
WWF	WELDED WIRE FABRIC

OWNER:
CITY OF LA CROSSE
400 LA CROSSE STREET
LA CROSSE, WISCONSIN 54601
608.789.7200

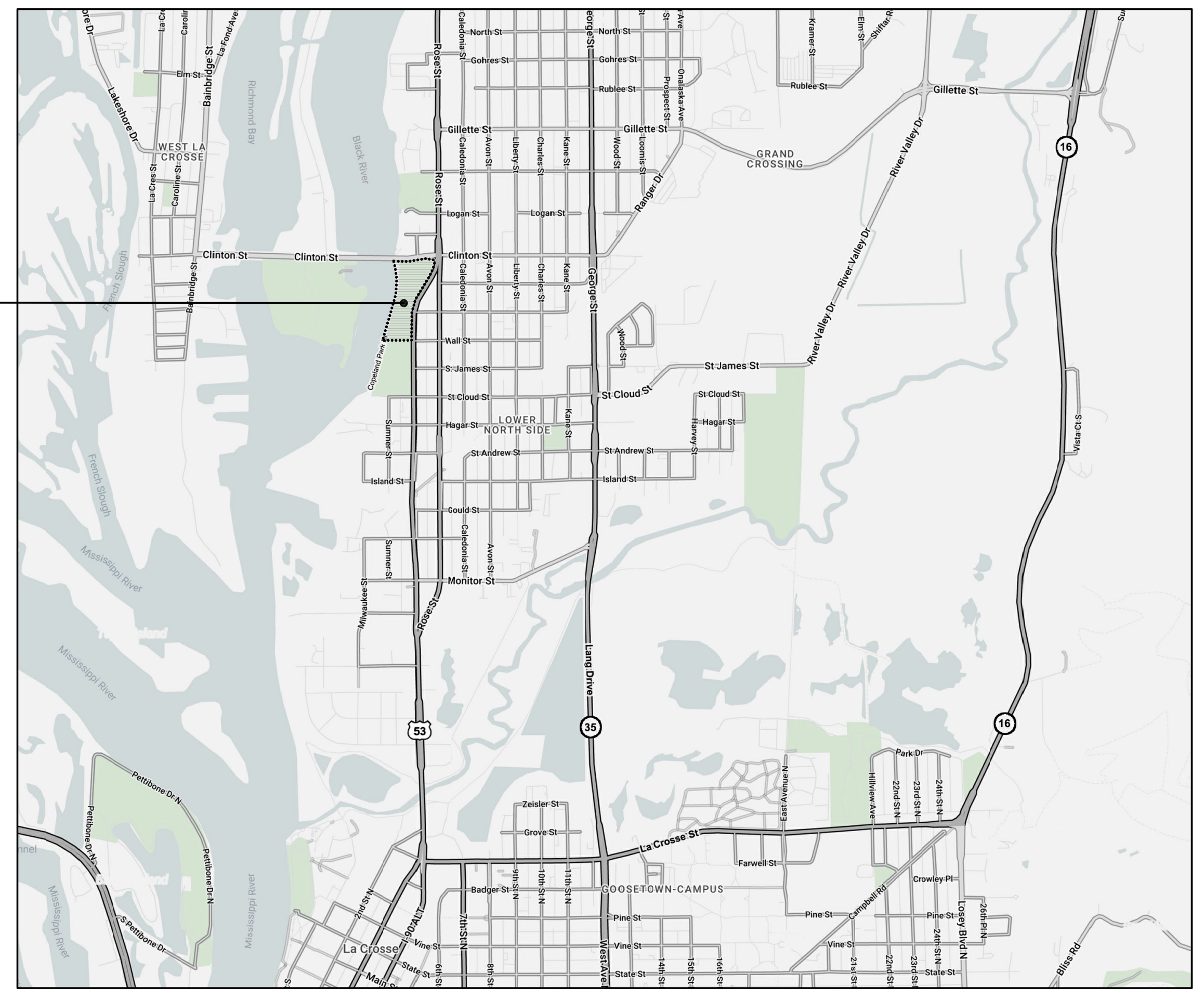
ARCHITECT:
RIVER ARCHITECTS, INC.
740 7TH STREET NORTH
LA CROSSE, WISCONSIN 54601
608.785.2217

CIVIL ENGINEER:
ISG INC.
201 MAIN STREET, SUITE 1020
LA CROSSE, WISCONSIN 54601
608.789.2034

LANDSCAPE ARCHITECT:
DAMON FARBER LANDSCAPE ARCHITECTS
7800 DISCOVERY DRIVE, 3RD FLOOR
MIDDLETON, WISCONSIN 53562
608.616.9847

STRUCTURAL ENGINEER:
MEYER BORGMAN JOHNSON
206 SOUTH BROADWAY, SUITE 300
ROCHESTER, MINNESOTA 55904
507.529.5310

PLUMBING/MECHANICAL/ELECTRICAL:
GALILEO GROUP, LLC
2045 32nd STREET SOUTH
LA CROSSE, WISCONSIN 54601
608.787.9106



PROJECT SITE
1130 ROSE STREET
LA CROSSE, WI

PROJECT LOCATION MAP

N

CIVIL	
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAW OF THE STATE OF WISCONSIN	
ARCHITECTURAL	
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAW OF THE STATE OF WISCONSIN	
STRUCTURAL	
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAW OF THE STATE OF WISCONSIN	
PLUMBING / MECHANICAL / ELECTRICAL	
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAW OF THE STATE OF WISCONSIN	

river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly registered professional under the laws of the State of
WISCONSIN
MICHAEL W. SWINGHAMER
DATE APRIL 15, 2026
NUMBER A-5688

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PRELIMINARY

PROJECT
COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

DATE	04/17/26	PROJECT No	1626
DRAWN BY	CLR	DRAWING TITLE	
CHECKED BY	MWS	TITLE SHEET, DRAWING INDEX	

SHEET No
G001

SYMBOL LEGEND

EXISTING		PROPOSED
○ EX STM MH	STORM MANHOLE	● ◉
▭ EX CB	STORM CATCH BASIN	▣
EX CO —▷— — >> — — —	STORM CLEANOUT	—●— >> —
>— — — >> — — —<	STORM CULVERT	▶— >> —◀
▫	DOWNSPOUT	
◎	ROOF DRAIN	
○ EX SAN MH	SANITARY MANHOLE	● ◉
EX CO —▷— > — — —	SANITARY CLEANOUT	—▶— > —
LS EX LIFT STATION	LIFT STATION	
▷	WATER REDUCER	▶
⋈	WATER VALVE	⋈
⊠	WATER VALVE MAHOLE	⊠
⊗	WATER CURB STOP	⊗
WSO	WATER SHUT-OFF	
EX POST INDICATOR VALVE	POST INDICATOR VALVE	⋈
<	FIRE DEPARTMENT CONNECTION	
Ⓦ	WELL	
Ⓦ EX MW	MONITORING WELL	
⊡	LAWN SPRINKLER BOX	
✻	LAWN SPRINKLER HEAD	
⌖	HYDRANT	⌖
EX YARD HYD	YARD HYDRANT	
⊘	UTILITY POLE	●
☼	LIGHT POLE	✹ ●■
☼	GROUND LIGHT	
—)	GUY WIRE	—<
◪	TRANSFORMER	◩
□ EX HH	HANDHOLE	
○ EX ELEC MH	ELECTRIC MANHOLE	
EM	ELECTRIC METER	
V	UTILITY VAULT	
AC	AIR CONDITIONER	
GM	GAS METER	
⋈ GGV	GAS VALVE	
◕ SB-1	SOIL BORING	
~o	FLAG POLE	
MB	MAILBOX	
EX SIGNAL	TRAFFIC SIGNAL	●—↑—↑
—o—	SIGN	—■—
┼	STREET SIGN	╋
▭	WHEEL STOP	▬
RR	RAILROAD CROSSING SIGN	
⊠	POST	
✿	DECIDUOUS TREE	
✶	CONIFEROUS TREE	
✺	BUSH	
⏅	TREE STUMP	
⚘	WETLAND / MARSH	
⬭	ROCK / BOULDER	

NOTE:

CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES.

LINETYPE LEGEND

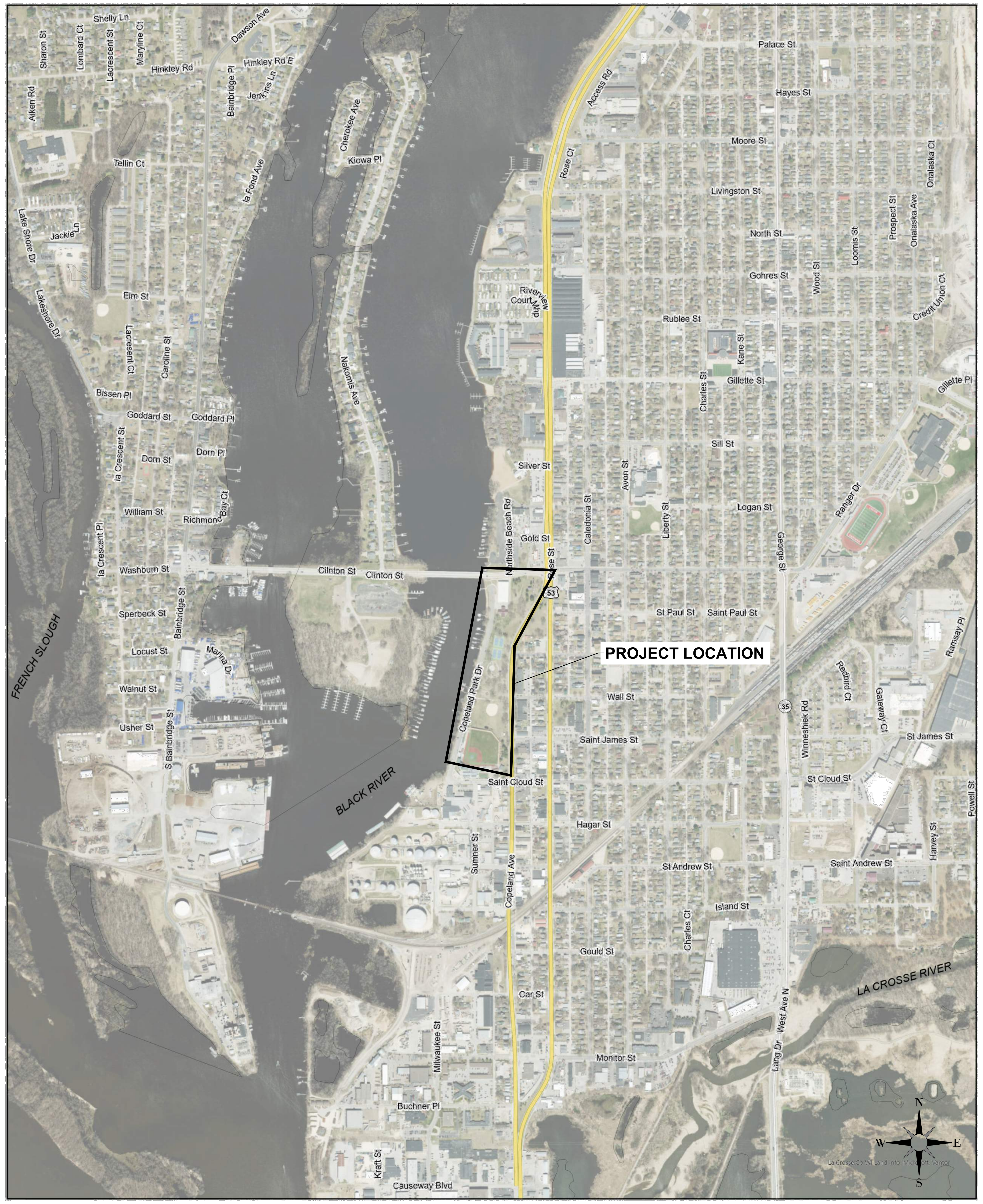
EXISTING		PROPOSED
— — — >> — — —	STORM DRAIN	—— >> ——
— — — > — — —	SANITARY SEWER	—— > ——
— — — ll> — — —	SANITARY SEWER FORCEMAIN	—— ll> ——
— — — l — — —	WATER MAIN	—— l ——
— — — G — — —	GAS	—— G ——
— — — OE — — —	OVERHEAD ELECTRIC	—— OE ——
— — — UE — — —	UNDERGROUND ELECTRIC	—— UE ——
— — — UT — — —	UNDERGROUND TELEPHONE	—— UT ——
— — — UTV — — —	UNDERGROUND TV	—— UTV ——
— — — OHL — — —	OVERHEAD UTILITY	—— OHL ——
— — — UTL — — —	UNDERGROUND UTILITY	—— UTL ——
— — — FO — — —	FIBER OPTIC	—— FO ——
— — — WET — — —	WETLAND	—— WET ——
— — — W — — —	WATER EDGE	————
~~> ~~>	DITCH / SWALE	→ →
——x——x——	FENCE LINE	—— x —— x ——
⌒⌒⌒⌒⌒⌒	TREE LINE	
— — — — —	PROPERTY / LOT LINE	—— · · · · ——
—— —— ——	RIGHT OF WAY LINE	—— – – ——
——△——△——	ACCESS CONTROL	
- - - - - - - - -	EASEMENT LINE	— — — — — —

NOTE:

CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES.

ABBREVIATIONS

ADA	AMERICANS WITH DISABILITIES ACT
ADD	ADDENDUM
AFF	ABOVE FINISHED FLOOR
AGG	AGGREGATE
APPROX	APPROXIMATE
ARCH	ARCHITECT, ARCHITECTURAL
BFE	BASEMENT FLOOR ELEVATION
BIT	BITUMINOUS
BLDG	BUILDING
BM	BENCHMARK
CAD	COMPUTER-AIDED DESIGN
CB	CATCH BASIN
CFS	CUBIC FEET PER SECOND
CF	CUBIC FOOT
CI	CAST IRON
CIP	CAST IRON PIPE
CIPC	CAST IN PLACE CONCRETE
CJ	CONTROL JOINT
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CR	COUNTY ROAD
CY	CUBIC YARD
C&G	CURB AND GUTTER
DEMO	DEMOLITION
DI	DROP INTAKE
DIA	DIAMETER
DIM	DIMENSION
DS	DOWNSPOUT
EA	EACH
EG	EXISTING GROUND
ELEC	ELECTRICAL
ELEV	ELEVATION
EOF	EMERGENCY OVERFLOW
EQ	EQUAL
EX	EXISTING
FG	FINISHED GROUND
F/G	FORM GRADE
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
FES	FLARED END SECTION
FFE	FINISHED FLOOR ELEVATION
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FT	FOOT, FEET
FTG	FOOTING
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GD	GROUND
GFE	GARAGE FLOOR ELEVATION
GL	GUTTERLINE
GPM	GALLONS PER MINUTE
GV	GATE VALVE
HDPE	HIGH DENSITY POLYETHYLENE
HD	HEAVY DUTY
HH	HANDHOLE
HMA	HOT MIX ASPHALT
HORIZ	HORIZONTAL
HR	HOUR
HWL	HIGH WATER LEVEL
HWY	HIGHWAY
HYD	HYDRANT
I	INVERT
ID	INSIDE DIAMETER
IN	INCH
INV	INVERT
IP	IRON PIPE
IPS	IRON PIPE SIZE
J-BOX	JUNCTION BOX
JT	JOINT
LF	LINEAR FEET
LIN	LINEAR
LPS	LOW PRESSURE STEAM
LS	LUMP SUM
LSO	LOWEST STRUCTURAL OPENING
MAX	MAXIMUM
MB	MAIL BOX
MECH	MECHANICAL
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
NO	NUMBER
NTS	NOT TO SCALE
NWL	NORMAL WATER LEVEL
OC	ON CENTER
OCEW	ON CENTER EACH WAY
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OHWL	ORDINARY HIGH WATER LEVEL
OHD	OVERHEAD DOOR
OZ	OUNCE
PCC	PORTLAND CEMENT CONCRETE
PED	PEDESTAL, PEDESTRIAN
PERF	PERFORATED
PL	PROPERTY LINE
PP	POLYPROPYLENE
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
QTY	QUANTITY
R	RIM
RAD	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REBAR	REINFORCING BAR
REM	REMOVE
ROW	RIGHT OF WAY
R/W	RIGHT OF WAY
SAN	SANITARY
SCH	SCHEDULE
SF	SQUARE FOOT
SPEC	SPECIFICATION
SQ	SQUARE
STA	STATION
STM	STORM
SY	SQUARE YARD
T/C	TOP OF CURB
TEL	TELEPHONE
TEMP	TEMPORARY
THRU	THROUGH
TNFH	TOP NUT OF FIRE HYDRANT
TRANS	TRANSFORMER
TV	TELEVISION
T/W	TOP OF WALL
TYP	TYPICAL
UT	UTILITY, UNDERGROUND TELEPHONE
VCP	VITRIFIED CLAY PIPE
W/O	WITHOUT
W/	WITH
YD	YARD
YR	YEAR


PROJECT LOCATION
BLACK RIVER
FRENCH SLOUGH
LA CROSSE RIVER
Copeland Park Dr
Rose St
Copeland Ave
Clinton St
Saint Cloud St
Northside Beach Rd
Gold St
Silver St
Saint James St
Wall St
Hagar St
St Andrew St
Island St
Gould St
Car St
Monitor St
Buchner Pl
Causeway Blvd
Sumner St
Milwaukee St
Kraft St
Access Rd
Palace St
Hayes St
Moore St
Livingston St
North St
Gohres St
Rublee St
Gillette St
Sill St
Logan St
St Paul St
Saint Paul St
Caledonia St
Avon St
Liberty St
George St
Windsor St
St James St
St Cloud St
Saint Andrew St
Lang Dr
West Ave N
Charles St
Ranger Dr
Gateway Ct
Redbird Ct
Ramsay Pl
Powell St
Harvey St
Onalaska Ave
Prospect St
Loomis St
Wood St
Kane St
Credit Union Ct
Riverview Ct
Nakomis Ave
Cherokee Ave
Kiowa Pl
Hinkley Rd
Shelly Ln
Dawson Ave
Sharon St
Aiken Rd
Lombard Ct
Lacrescent St
Maryline Ct
Bainbridge Pl
Tellin Ct
La Fond Ave
Lake Shore Dr
Jackie Ln
Elm St
Lakeshore Dr
Caroline St
Bissen Pl
Goddard St
Goddard Pl
Dorn St
Dorn Pl
William St
Richmond Bay Ct
Washburn St
Sperbeck St
Locust St
Walnut St
Usher St
S Bainbridge St
Marina Dr
Bainbridge St
La Crescent Pl
35
53
N
S
E
W

0 750 1,500

SCALE IN FEET

SITE SUMMARY

PROJECT ADDRESS/LOCATION:	1130 COPELAND PARK DRIVE LA CROSSE, WISCONSIN 54603	
ZONING:	PUBLIC AND SEMI-PUBLIC DISTRICT	
SITE/LOT AREA:	906,483 SF	(20.8 AC)

REQUIRED SETBACKS

	PARKING	BUILDING
FRONT YARD	2'	10'
SIDE YARD	2'	10'
REAR YARD	2'	10'

PARKING DATA

PARKING STALLS PROVIDED

STANDARD	149
ACCESSIBLE	12
TOTAL	161

CIVIL SHEET INDEX

C0-10 SITE DATA
C0-20 SITE DETAILS
C0-21 SITE DETAILS
C1-40 EROSION CONTROL PLAN
C2-10 EXISTING SITE AND REMOVAL PLAN
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C3-11 FIRE TRUCK TURNING MOVEMENTS
C3-20 UTILITY PLAN
C4-10 GRADING PLAN
C4-20 DRAINAGE MAP

PROJECT GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER - CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS, AND CLARIFICATIONS ISSUED BY ARCHITECT/ENGINEER.
2. CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK.
3. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
4. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
5. DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
6. ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED, AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
7. ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
8. THE LOCATION AND TYPE OF ALL EXISTING UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY AND ARE ACCURATE AND COMPLETE TO THE BEST OF THE KNOWLEDGE OF I & S GROUP, INC. (ISG). NO WARRANTY OR GUARANTEE IS IMPLIED. THE CONTRACTOR SHALL VERIFY THE SIZES, LOCATIONS, AND ELEVATIONS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.
9. THE CONTRACTOR IS TO CONTACT "DIGGERS HOTLINE" FOR UTILITY LOCATIONS A MINIMUM OF 3 BUSINESS DAYS PRIOR TO ANY EXCAVATION / CONSTRUCTION (811 OR 1-800-242-8511).

DIGGERS HOTLINE

Dial 811 or (800)242-8511

www.DiggersHotline.com

SPECIFICATIONS REFERENCE

ALL CONSTRUCTION SHALL COMPLY WITH THE CITY OF LA CROSSE STANDARD SPECIFICATIONS, CURRENT EDITION, WISDOT STANDARD SPECIFICATIONS, 2025 EDITION, WISDOT CONSTRUCTION AND MATERIALS MANUAL, CURRENT EDITION, WISCONSIN DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES STATE PLUMBING CODE, CURRENT EDITION, AND STANDARD SPECIFICATION FOR SEWER & WATER CONSTRUCTION IN WISCONSIN, 6th EDITION, UNLESS DIRECTED OTHERWISE.

PROJECT DATUM

HORIZONTAL COORDINATES HAVE BEEN REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), 2011 ADJUSTMENT (NAD83(2011)) ON THE LA CROSSE COUNTY COORDINATE SYSTEM, IN U.S. SURVEY FEET.

TOPOGRAPHIC SURVEY

THIS PROJECT'S TOPOGRAPHIC SURVEY CONSISTS OF DATA COLLECTED IN FEBRUARY 2026 BY ISG.

B.M. ELEVATION=645.21

TOP NUT OF HYDRANT

river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

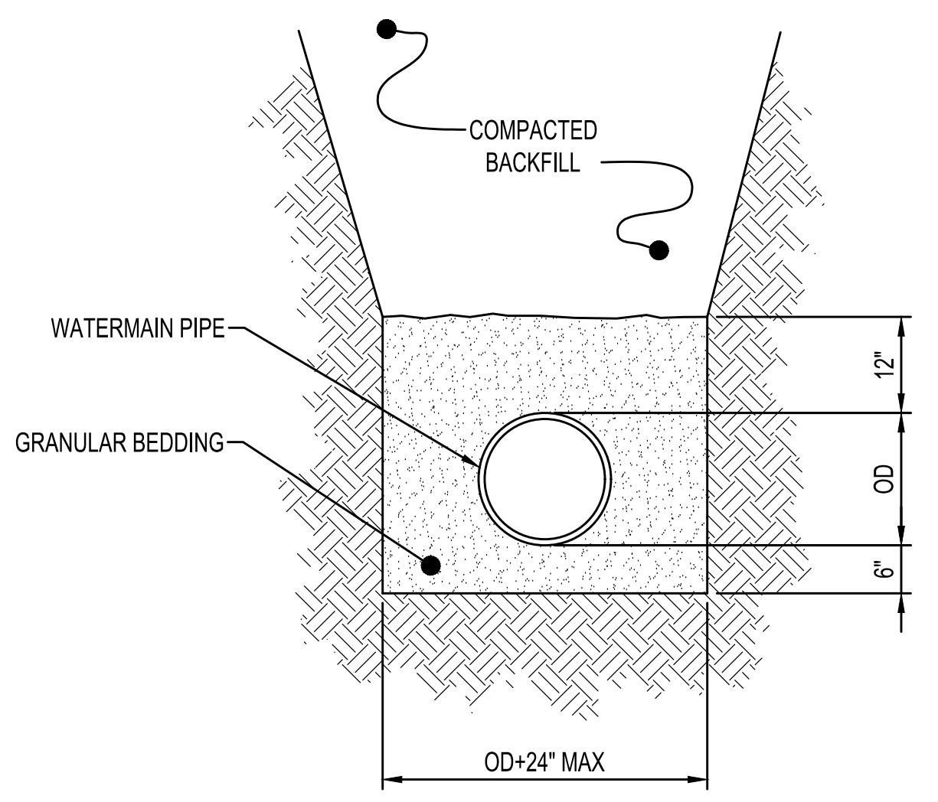
ISG

PRELIMINARY

PROJECT
COPELAND PARK SITE IMPROVEMENTS
1130 ROSE STREET
LA CROSSE, WI 54603

DATE 04/17/26
DRAWN BY BDC
CHECKED BY KBR
PROJECT No 1626
DRAWING TITLE SITE DATA

SHEET No
C0-10

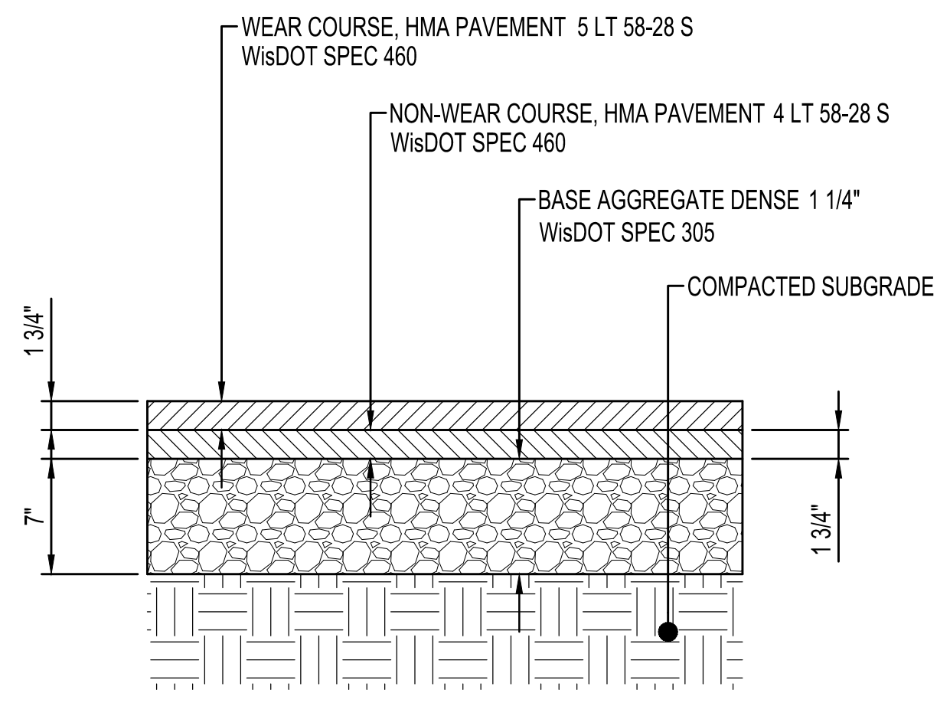

COMPACTED BACKFILL
WATERMAIN PIPE
GRANULAR BEDDING
12"
OD
6"
OD+24" MAX

NOTE:

1. GRANULAR BEDDING AND ENCASEMENT FOR WATERMAIN PIPES SHALL BE INCIDENTAL TO CONSTRUCTION

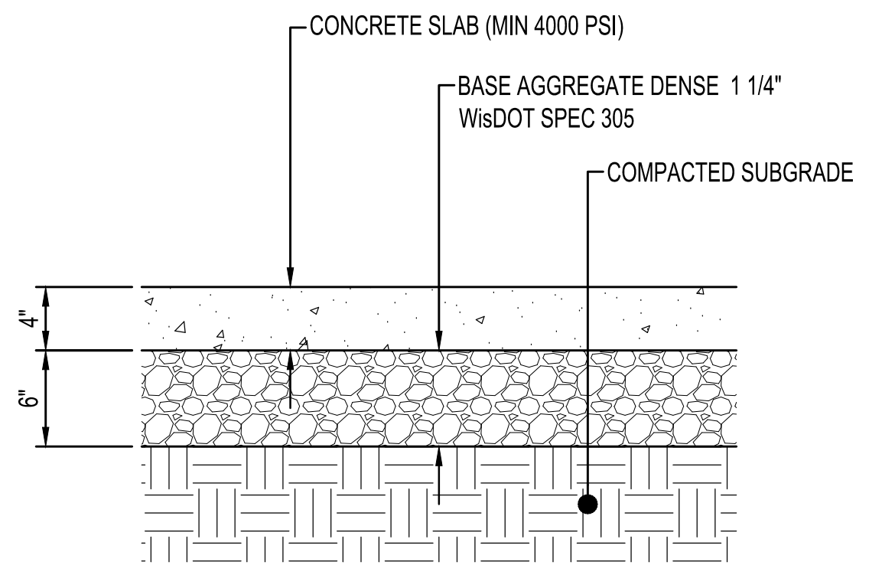
PIPE BEDDING WATERMAIN

NTS


WEAR COURSE, HMA PAVEMENT 5 LT 58-28 S
WisDOT SPEC 460
NON-WEAR COURSE, HMA PAVEMENT 4 LT 58-28 S
WisDOT SPEC 460
BASE AGGREGATE DENSE 1 1/4"
WisDOT SPEC 305
COMPACTED SUBGRADE
1 3/4"
7"
1 3/4"

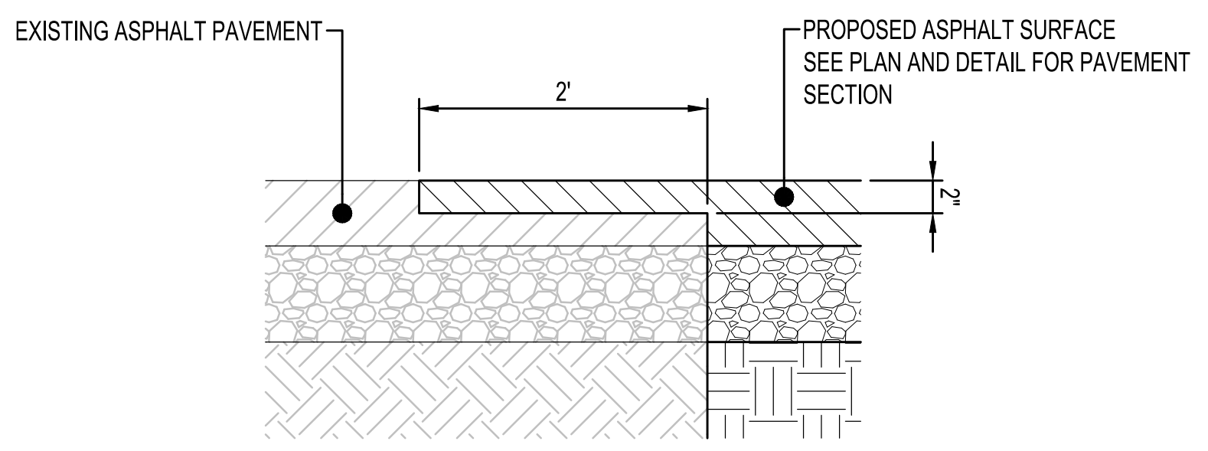
STANDARD ASPHALT PAVEMENT

NTS


CONCRETE SLAB (MIN 4000 PSI)
BASE AGGREGATE DENSE 1 1/4"
WisDOT SPEC 305
COMPACTED SUBGRADE
4"
6"

CONCRETE WALK

NTS

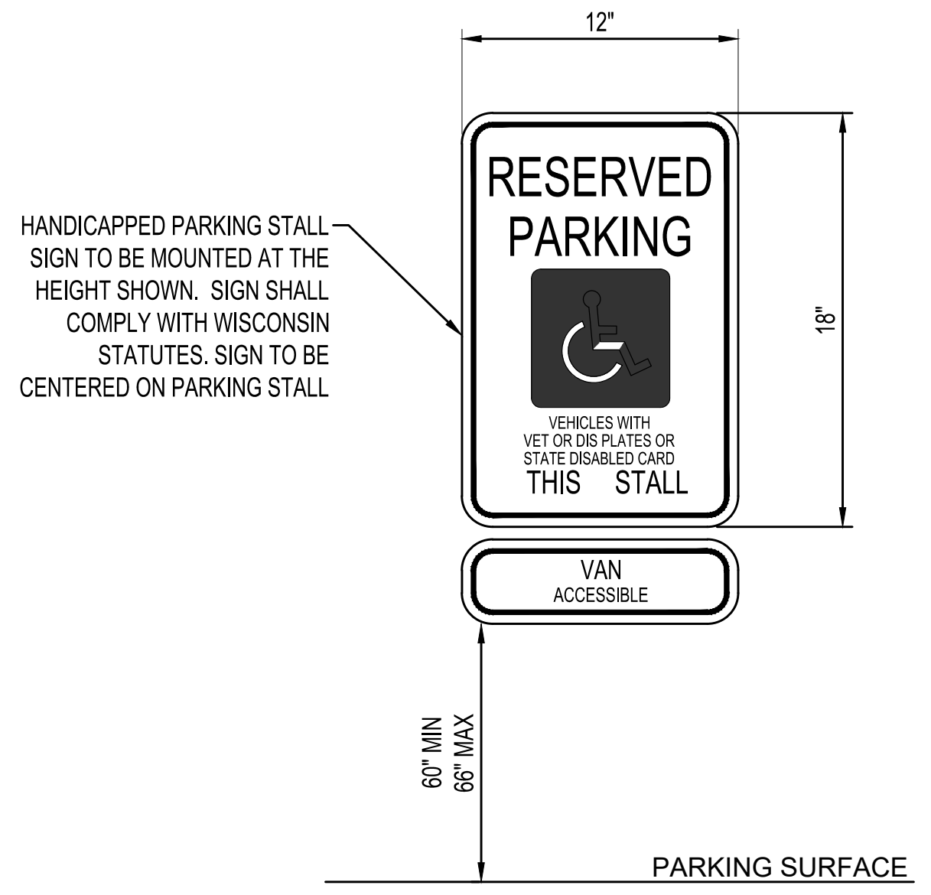

EXISTING ASPHALT PAVEMENT
PROPOSED ASPHALT SURFACE
SEE PLAN AND DETAIL FOR PAVEMENT
SECTION
2'
2"

NOTES:

1. USE WHENEVER NEW ASPHALT ABUTS EXISTING ASPHALT

EDGE MILLING

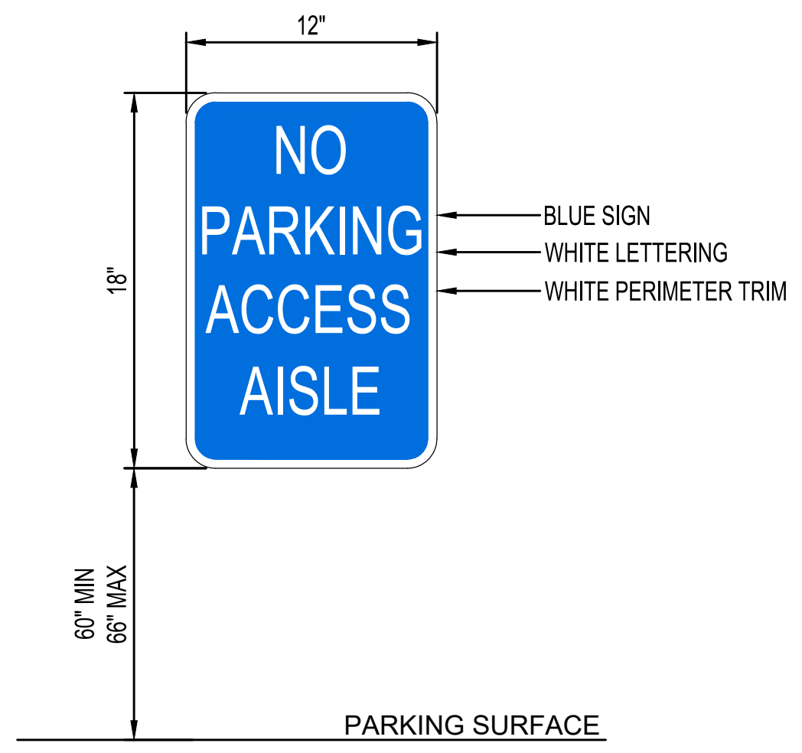
NTS


12"
18"
RESERVED
PARKING
VEHICLES WITH
VET OR DIS PLATES OR
STATE DISABLED CARD
THIS STALL
VAN
ACCESSIBLE
60" MIN
66" MAX
PARKING SURFACE

HANDICAPPED PARKING STALL SIGN TO BE MOUNTED AT THE HEIGHT SHOWN. SIGN SHALL COMPLY WITH WISCONSIN STATUTES. SIGN TO BE CENTERED ON PARKING STALL

ACCESSIBLE PARKING SIGN

NTS

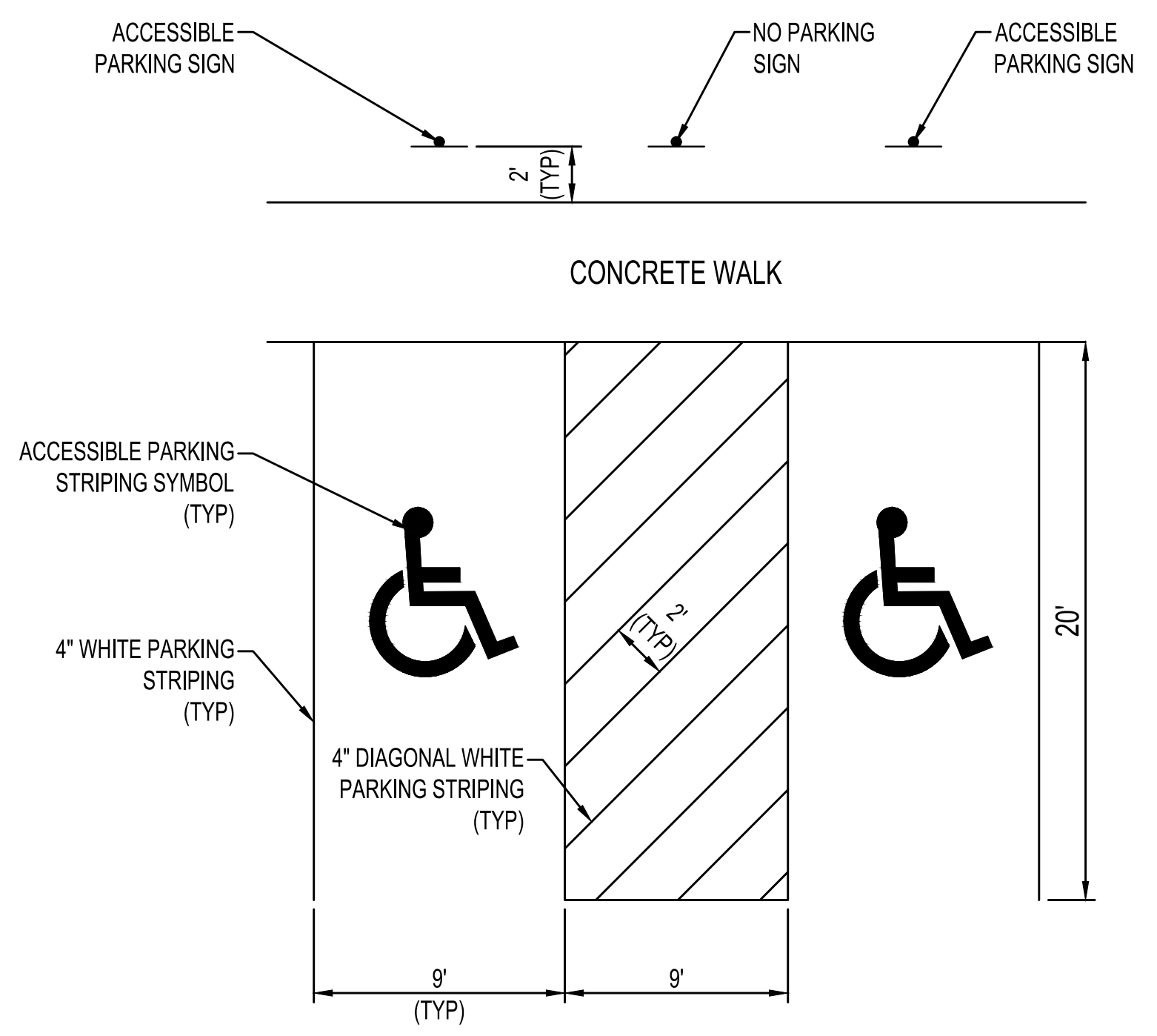

12"
18"
NO
PARKING
ACCESS
AISLE
BLUE SIGN
WHITE LETTERING
WHITE PERIMETER TRIM
60" MIN
66" MAX
PARKING SURFACE

NOTES:

1. ACCESSIBLE PARKING STALL SIGN TO BE MOUNTED AT THE HEIGHT SHOWN. ALIGN TOP WITH TOP OF ADJACENT SIGNS IF POSSIBLE.

NO PARKING ACCESS AISLE SIGN

NTS


ACCESSIBLE PARKING SIGN
NO PARKING SIGN
ACCESSIBLE PARKING SIGN
2' (TYP)
CONCRETE WALK
ACCESSIBLE PARKING STRIPING SYMBOL (TYP)
4" WHITE PARKING STRIPING (TYP)
4" DIAGONAL WHITE PARKING STRIPING (TYP)
2' (TYP)
20'
9' (TYP)
9'

ACCESSIBLE PARKING AREA

NTS

river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

ISG

PRELIMINARY

PROJECT
COPELAND PARK SITE IMPROVEMENTS
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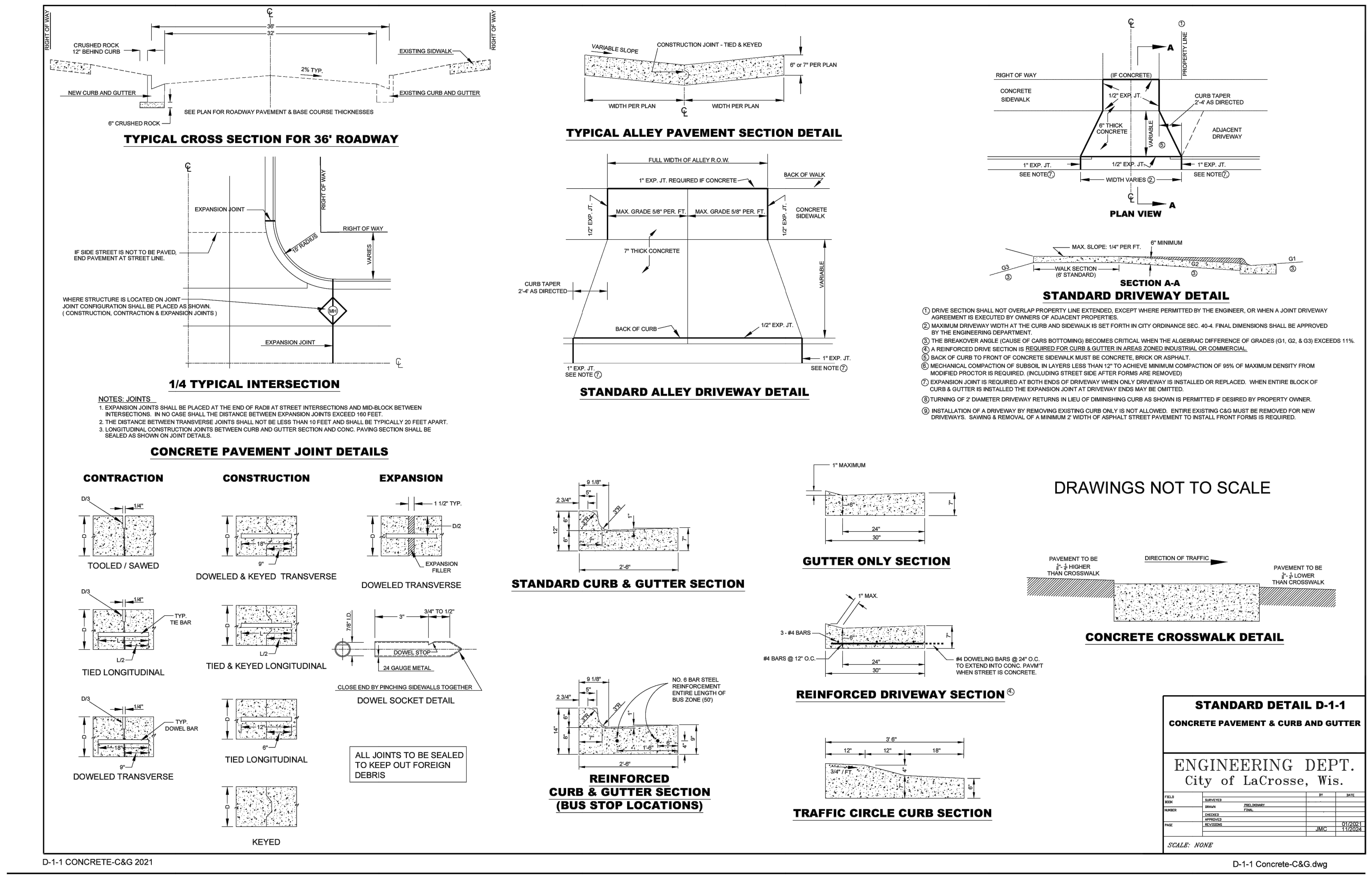
SITE DETAILS

SHEET No
C0-20


RIGHT OF WAY
CRUSHED ROCK 12" BEHIND CURB
36'
32'
2% TYP.
EXISTING SIDWALK
NEW CURB AND GUTTER
EXISTING CURB AND GUTTER
6" CRUSHED ROCK
SEE PLAN FOR ROADWAY PAVEMENT & BASE COURSE THICKNESSES
EXPANSION JOINT
IF SIDE STREET IS NOT TO BE PAVED, END PAVEMENT AT STREET LINE.
15' RADIUS
VARIES
WHERE STRUCTURE IS LOCATED ON JOINT JOINT CONFIGURATION SHALL BE PLACED AS SHOWN. (CONSTRUCTION, CONTRACTION & EXPANSION JOINTS)
MH
VARIABLE SLOPE
CONSTRUCTION JOINT - TIED & KEYED
WIDTH PER PLAN
FULL WIDTH OF ALLEY R.O.W.
1" EXP. JT. REQUIRED IF CONCRETE
BACK OF WALK
CONCRETE SIDEWALK
MAX. GRADE 5/8" PER. FT.
1/2" EXP. JT.
7" THICK CONCRETE
CURB TAPER 2'-4' AS DIRECTED
BACK OF CURB
1" EXP. JT. SEE NOTE ⑦
PROPERTY LINE
RIGHT OF WAY
CONCRETE SIDEWALK
ADJACENT DRIVEWAY
CURB TAPER 2'-4' AS DIRECTED
6" THICK CONCRETE
WIDTH VARIES ②
SEE NOTE ⑦
MAX. SLOPE: 1/4" PER FT.
6" MINIMUM
WALK SECTION (6' STANDARD)
G1
G2
G3
CONTRACTION
CONSTRUCTION
EXPANSION
D/3
D/2
TOOLED / SAWED
TYP. TIE BAR
TIED LONGITUDINAL
TYP. DOWEL BAR
DOWELED TRANSVERSE
DOWELED & KEYED TRANSVERSE
TIED & KEYED LONGITUDINAL
TIED LONGITUDINAL
KEYED
1 1/2" TYP.
EXPANSION FILLER
DOWELED TRANSVERSE
7/8" I.D.
DOWEL STOP
24 GAUGE METAL
3/4" TO 1/2"
CLOSE END BY PINCHING SIDEWALLS TOGETHER
DOWEL SOCKET DETAIL
9 1/8"
2 3/4"
2'-6"
1" MAXIMUM
24"
30"
1" MAX.
3 - #4 BARS
#4 BARS @ 12" O.C.
#4 DOWELING BARS @ 24" O.C. TO EXTEND INTO CONC. PAVM'T WHEN STREET IS CONCRETE.
NO. 6 BAR STEEL REINFORCEMENT ENTIRE LENGTH OF BUS ZONE (50')
3' 6"
3/4" / FT.
PAVEMENT TO BE 1/8"-1/4" HIGHER THAN CROSSWALK
DIRECTION OF TRAFFIC
PAVEMENT TO BE 1/8"-1/4" LOWER THAN CROSSWALK

TYPICAL CROSS SECTION FOR 36' ROADWAY

1/4 TYPICAL INTERSECTION

NOTES: JOINTS

1. EXPANSION JOINTS SHALL BE PLACED AT THE END OF RADII AT STREET INTERSECTIONS AND MID-BLOCK BETWEEN INTERSECTIONS. IN NO CASE SHALL THE DISTANCE BETWEEN EXPANSION JOINTS EXCEED 160 FEET.
2. THE DISTANCE BETWEEN TRANSVERSE JOINTS SHALL NOT BE LESS THAN 10 FEET AND SHALL BE TYPICALLY 20 FEET APART.
3. LONGITUDINAL CONSTRUCTION JOINTS BETWEEN CURB AND GUTTER SECTION AND CONC. PAVING SECTION SHALL BE SEALED AS SHOWN ON JOINT DETAILS.

CONCRETE PAVEMENT JOINT DETAILS

ALL JOINTS TO BE SEALED TO KEEP OUT FOREIGN DEBRIS

TYPICAL ALLEY PAVEMENT SECTION DETAIL

STANDARD ALLEY DRIVEWAY DETAIL

STANDARD CURB & GUTTER SECTION

REINFORCED CURB & GUTTER SECTION (BUS STOP LOCATIONS)

GUTTER ONLY SECTION

REINFORCED DRIVEWAY SECTION ④

TRAFFIC CIRCLE CURB SECTION

PLAN VIEW

SECTION A-A

STANDARD DRIVEWAY DETAIL

① DRIVE SECTION SHALL NOT OVERLAP PROPERTY LINE EXTENDED, EXCEPT WHERE PERMITTED BY THE ENGINEER, OR WHEN A JOINT DRIVEWAY AGREEMENT IS EXECUTED BY OWNERS OF ADJACENT PROPERTIES.
② MAXIMUM DRIVEWAY WIDTH AT THE CURB AND SIDEWALK IS SET FORTH IN CITY ORDINANCE SEC. 40-4. FINAL DIMENSIONS SHALL BE APPROVED BY THE ENGINEERING DEPARTMENT.
③ THE BREAKOVER ANGLE (CAUSE OF CARS BOTTOMING) BECOMES CRITICAL WHEN THE ALGEBRAIC DIFFERENCE OF GRADES (G1, G2, & G3) EXCEEDS 11%.
④ A REINFORCED DRIVE SECTION IS REQUIRED FOR CURB & GUTTER IN AREAS ZONED INDUSTRIAL OR COMMERCIAL.
⑤ BACK OF CURB TO FRONT OF CONCRETE SIDEWALK MUST BE CONCRETE, BRICK OR ASPHALT.
⑥ MECHANICAL COMPACTION OF SUBSOIL IN LAYERS LESS THAN 12" TO ACHIEVE MINIMUM COMPACTION OF 95% OF MAXIMUM DENSITY FROM MODIFIED PROCTOR IS REQUIRED. (INCLUDING STREET SIDE AFTER FORMS ARE REMOVED)
⑦ EXPANSION JOINT IS REQUIRED AT BOTH ENDS OF DRIVEWAY WHEN ONLY DRIVEWAY IS INSTALLED OR REPLACED. WHEN ENTIRE BLOCK OF CURB & GUTTER IS INSTALLED THE EXPANSION JOINT AT DRIVEWAY ENDS MAY BE OMITTED.
⑧ TURNING OF 2' DIAMETER DRIVEWAY RETURNS IN LIEU OF DIMINISHING CURB AS SHOWN IS PERMITTED IF DESIRED BY PROPERTY OWNER.
⑨ INSTALLATION OF A DRIVEWAY BY REMOVING EXISTING CURB ONLY IS NOT ALLOWED. ENTIRE EXISTING C&G MUST BE REMOVED FOR NEW DRIVEWAYS. SAWING & REMOVAL OF A MINIMUM 2' WIDTH OF ASPHALT STREET PAVEMENT TO INSTALL FRONT FORMS IS REQUIRED.

DRAWINGS NOT TO SCALE

CONCRETE CROSSWALK DETAIL

STANDARD DETAIL D-1-1
CONCRETE PAVEMENT & CURB AND GUTTER

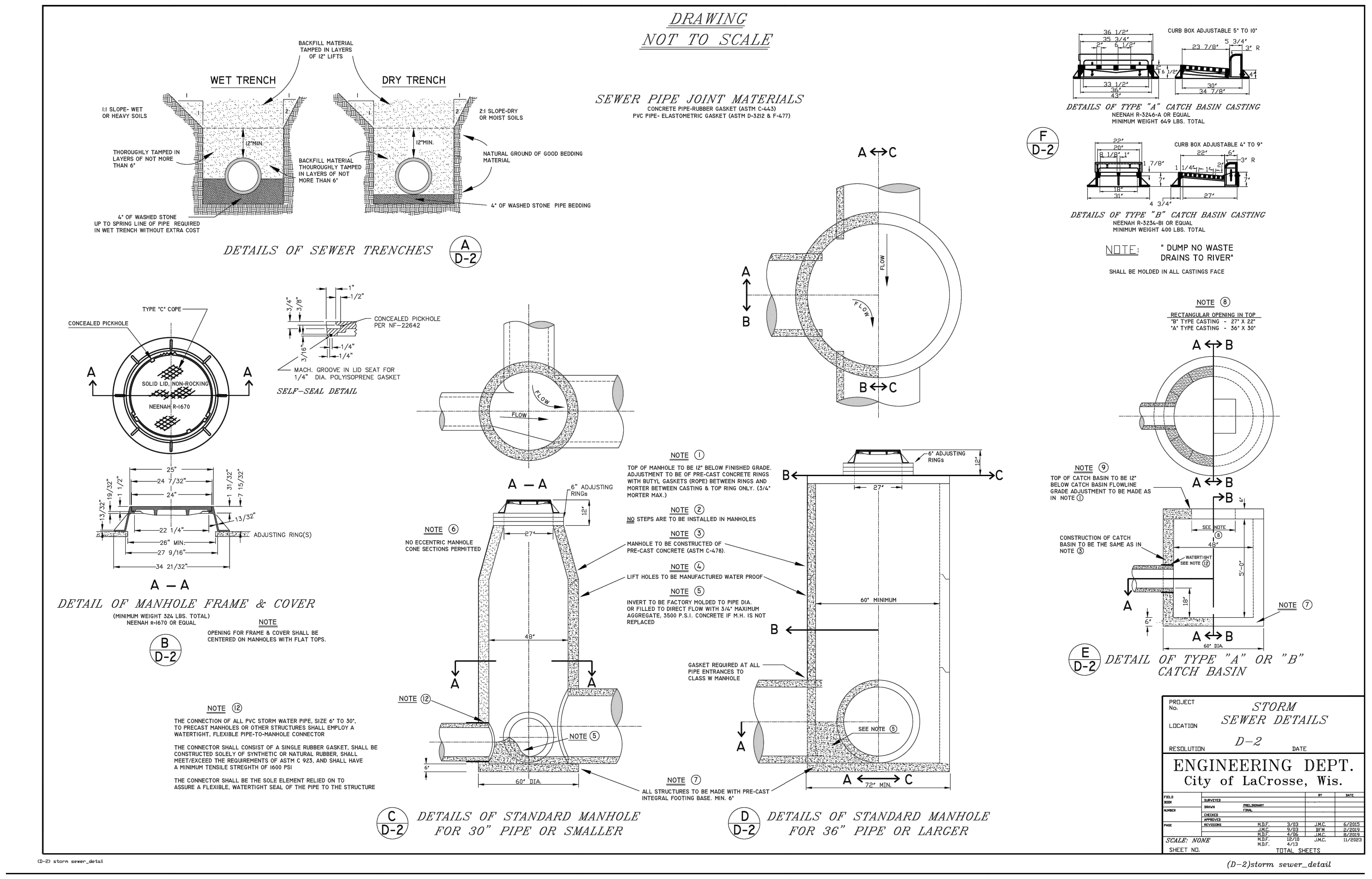
ENGINEERING DEPT.
City of LaCrosse, Wis.

		BY	DATE
FIELD BOOK	SURVEYED		
NUMBER	DRAWN PRELIMINARY FINAL		
	CHECKED		
	APPROVED		
PAGE	REVISIONS		01/2021
		JMC	11/2024

SCALE: NONE

D-1-1 CONCRETE-C&G 2021

D-1-1 Concrete-C&G.dwg


BACKFILL MATERIAL TAMPED IN LAYERS OF 12" LIFTS
WET TRENCH
DRY TRENCH
1:1 SLOPE- WET OR HEAVY SOILS
2:1 SLOPE-DRY OR MOIST SOILS
12"MIN.
THOROUGHLY TAMPED IN LAYERS OF NOT MORE THAN 6"
BACKFILL MATERIAL THOUROUGHLY TAMPED IN LAYERS OF NOT MORE THAN 6"
NATURAL GROUND OF GOOD BEDDING MATERIAL
4" OF WASHED STONE PIPE BEDDING
4" OF WASHED STONE UP TO SPRING LINE OF PIPE REQUIRED IN WET TRENCH WITHOUT EXTRA COST
TYPE "C" COPE
CONCEALED PICKHOLE
SOLID LID, NON-ROCKING
NEENAH R-1670
CONCEALED PICKHOLE PER NF-22642
MACH. GROOVE IN LID SEAT FOR 1/4" DIA. POLYISOPRENE GASKET
SELF-SEAL DETAIL
25"
24 7/32"
24"
22 1/4"
26" MIN.
27 9/16"
34 21/32"
ADJUSTING RING(S)
A – A
FLOW
A ↔ C
B ↔ C
6" ADJUSTING RINGs
12"
27"
48"
60" DIA.
60" MINIMUM
72" MIN.
SEE NOTE ⑤
GASKET REQUIRED AT ALL PIPE ENTRANCES TO CLASS W MANHOLE
CURB BOX ADJUSTABLE 5" TO 10"
CURB BOX ADJUSTABLE 4" TO 9"
A ↔ B
WATERTIGHT SEE NOTE ⑫
SEE NOTE ⑧
5'-0"
18"
60" DIA.

DRAWING NOT TO SCALE

DETAILS OF SEWER TRENCHES (A/D-2)

SEWER PIPE JOINT MATERIALS
CONCRETE PIPE-RUBBER GASKET (ASTM C-443)
PVC PIPE- ELASTOMETRIC GASKET (ASTM D-3212 & F-477)

DETAIL OF MANHOLE FRAME & COVER (B/D-2)
(MINIMUM WEIGHT 324 LBS. TOTAL)
NEENAH R-1670 OR EQUAL

NOTE
OPENING FOR FRAME & COVER SHALL BE CENTERED ON MANHOLES WITH FLAT TOPS.

NOTE ①
TOP OF MANHOLE TO BE 12" BELOW FINISHED GRADE. ADJUSTMENT TO BE OF PRE-CAST CONCRETE RINGS WITH BUTYL GASKETS (ROPE) BETWEEN RINGS AND MORTER BETWEEN CASTING & TOP RING ONLY. (3/4" MORTER MAX.)

NOTE ②
NO STEPS ARE TO BE INSTALLED IN MANHOLES

NOTE ③
MANHOLE TO BE CONSTRUCTED OF PRE-CAST CONCRETE (ASTM C-478).

NOTE ④
LIFT HOLES TO BE MANUFACTURED WATER PROOF

NOTE ⑤
INVERT TO BE FACTORY MOLDED TO PIPE DIA. OR FILLED TO DIRECT FLOW WITH 3/4" MAXIMUM AGGREGATE, 3500 P.S.I. CONCRETE IF M.H. IS NOT REPLACED

NOTE ⑥
NO ECCENTRIC MANHOLE CONE SECTIONS PERMITTED

NOTE ⑦
ALL STRUCTURES TO BE MADE WITH PRE-CAST INTEGRAL FOOTING BASE. MIN. 6"

NOTE ⑫
THE CONNECTION OF ALL PVC STORM WATER PIPE, SIZE 6" TO 30", TO PRECAST MANHOLES OR OTHER STRUCTURES SHALL EMPLOY A WATERTIGHT, FLEXIBLE PIPE-TO-MANHOLE CONNECTOR

THE CONNECTOR SHALL CONSIST OF A SINGLE RUBBER GASKET, SHALL BE CONSTRUCTED SOLELY OF SYNTHETIC OR NATURAL RUBBER, SHALL MEET/EXCEED THE REQUIREMENTS OF ASTM C 923, AND SHALL HAVE A MINIMUM TENSILE STREGHTH OF 1600 PSI

THE CONNECTOR SHALL BE THE SOLE ELEMENT RELIED ON TO ASSURE A FLEXIBLE, WATERTIGHT SEAL OF THE PIPE TO THE STRUCTURE

DETAILS OF STANDARD MANHOLE FOR 30" PIPE OR SMALLER (C/D-2)

DETAILS OF STANDARD MANHOLE FOR 36" PIPE OR LARGER (D/D-2)

DETAILS OF TYPE "A" CATCH BASIN CASTING
NEENAH R-3246-A OR EQUAL
MINIMUM WEIGHT 649 LBS. TOTAL

DETAILS OF TYPE "B" CATCH BASIN CASTING
NEENAH R-3234-BI OR EQUAL
MINIMUM WEIGHT 400 LBS. TOTAL
(F/D-2)

NOTE: " DUMP NO WASTE DRAINS TO RIVER"
SHALL BE MOLDED IN ALL CASTINGS FACE

NOTE ⑧
RECTANGULAR OPENING IN TOP
"B" TYPE CASTING - 27" X 22"
"A" TYPE CASTING - 36" X 30"

NOTE ⑨
TOP OF CATCH BASIN TO BE 12" BELOW CATCH BASIN FLOWLINE GRADE ADJUSTMENT TO BE MADE AS IN NOTE ①

CONSTRUCTION OF CATCH BASIN TO BE THE SAME AS IN NOTE ③

DETAIL OF TYPE "A" OR "B" CATCH BASIN (E/D-2)

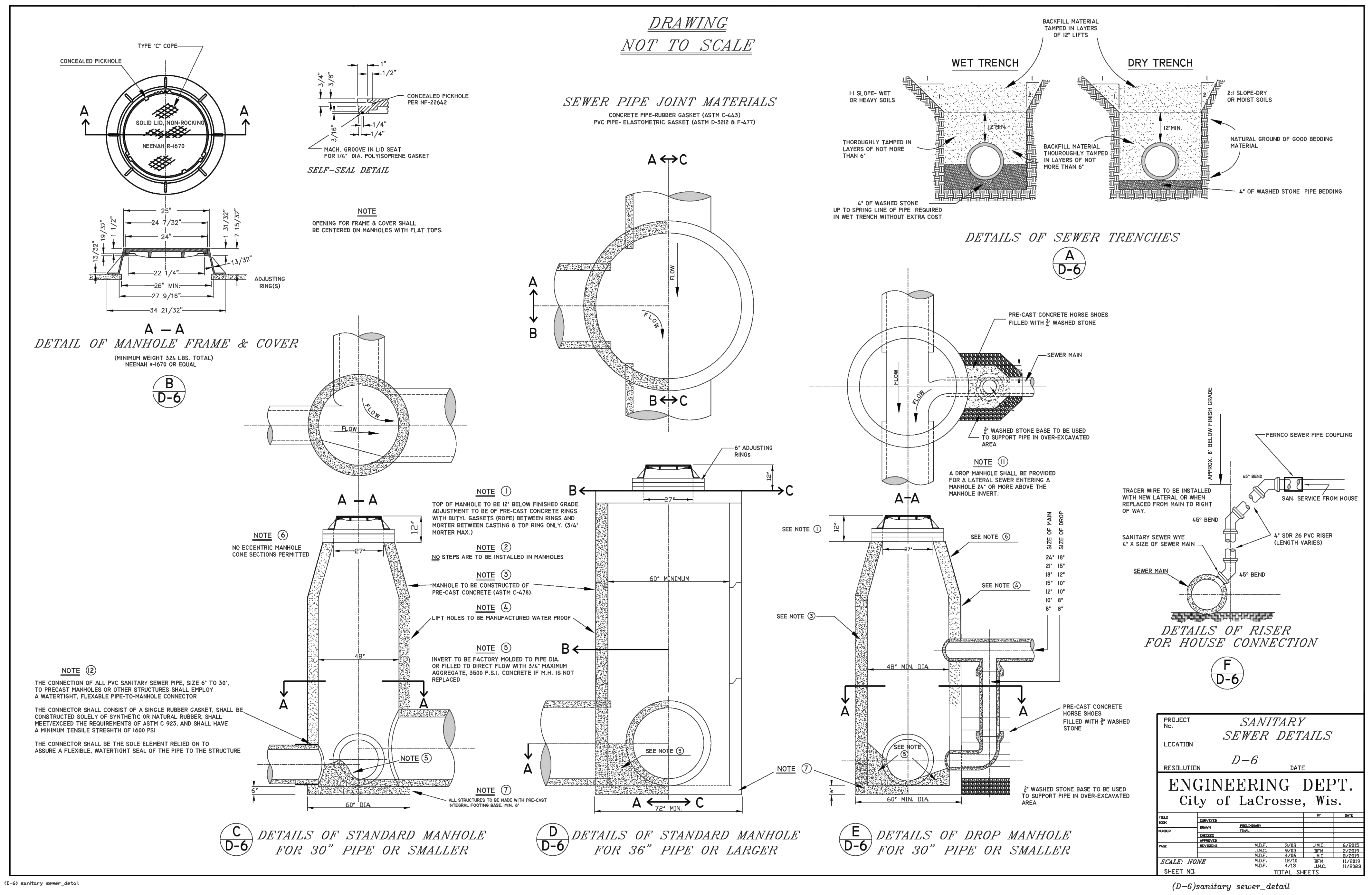
PROJECT No.
LOCATION
STORM SEWER DETAILS
RESOLUTION D-2 DATE

ENGINEERING DEPT.
City of LaCrosse, Wis.

				BY	DATE
FIELD BOOK	SURVEYED				
NUMBER	DRAWN PRELIMINARY FINAL				
	CHECKED				
	APPROVED				
PAGE	REVISIONS	M.D.F.	3/03	J.M.C.	6/2015
		J.M.C.	9/03	BFM	2/2019
		M.D.F.	4/06	J.M.C.	8/2019
SCALE: NONE		M.D.F.	12/10	J.M.C.	11/2023
		M.D.F.	4/13		

SHEET NO. TOTAL SHEETS

(D-2) storm sewer_detail


TYPE "C" COPE
CONCEALED PICKHOLE
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CONCEALED PICKHOLE PER NF-22642
MACH. GROOVE IN LID SEAT FOR 1/4" DIA. POLYISOPRENE GASKET
SELF-SEAL DETAIL
ADJUSTING RING(S)
A – A
BACKFILL MATERIAL TAMPED IN LAYERS OF 12" LIFTS
WET TRENCH
DRY TRENCH
1:1 SLOPE- WET OR HEAVY SOILS
2:1 SLOPE-DRY OR MOIST SOILS
THOROUGHLY TAMPED IN LAYERS OF NOT MORE THAN 6"
BACKFILL MATERIAL THOUROUGHLY TAMPED IN LAYERS OF NOT MORE THAN 6"
NATURAL GROUND OF GOOD BEDDING MATERIAL
4" OF WASHED STONE PIPE BEDDING
4" OF WASHED STONE UP TO SPRING LINE OF PIPE REQUIRED IN WET TRENCH WITHOUT EXTRA COST
FLOW
A ↔ C
B ↔ C
PRE-CAST CONCRETE HORSE SHOES FILLED WITH 3/4" WASHED STONE
SEWER MAIN
3/4" WASHED STONE BASE TO BE USED TO SUPPORT PIPE IN OVER-EXCAVATED AREA
A-A
6" ADJUSTING RINGs
SEE NOTE ①
SEE NOTE ③
SEE NOTE ④
SEE NOTE ⑥
SEE NOTE ⑤
SIZE OF MAIN / SIZE OF DROP: 24" 18", 21" 15", 18" 12", 15" 10", 12" 10", 10" 8", 8" 8"
48" MIN. DIA.
60" MIN. DIA.
60" MINIMUM
72" MIN.
APPROX. 8' BELOW FINISH GRADE
FERNCO SEWER PIPE COUPLING
45° BEND
SAN. SERVICE FROM HOUSE
TRACER WIRE TO BE INSTALLED WITH NEW LATERAL OR WHEN REPLACED FROM MAIN TO RIGHT OF WAY.
SANITARY SEWER WYE 4" X SIZE OF SEWER MAIN
4" SDR 26 PVC RISER (LENGTH VARIES)
SEWER MAIN

DRAWING NOT TO SCALE

SEWER PIPE JOINT MATERIALS
CONCRETE PIPE-RUBBER GASKET (ASTM C-443)
PVC PIPE- ELASTOMETRIC GASKET (ASTM D-3212 & F-477)

DETAILS OF SEWER TRENCHES (A/D-6)

DETAIL OF MANHOLE FRAME & COVER (B/D-6)
(MINIMUM WEIGHT 324 LBS. TOTAL)
NEENAH R-1670 OR EQUAL

NOTE
OPENING FOR FRAME & COVER SHALL BE CENTERED ON MANHOLES WITH FLAT TOPS.

NOTE ①
TOP OF MANHOLE TO BE 12" BELOW FINISHED GRADE. ADJUSTMENT TO BE OF PRE-CAST CONCRETE RINGS WITH BUTYL GASKETS (ROPE) BETWEEN RINGS AND MORTER BETWEEN CASTING & TOP RING ONLY. (3/4" MORTER MAX.)

NOTE ②
NO STEPS ARE TO BE INSTALLED IN MANHOLES

NOTE ③
MANHOLE TO BE CONSTRUCTED OF PRE-CAST CONCRETE (ASTM C-478).

NOTE ④
LIFT HOLES TO BE MANUFACTURED WATER PROOF

NOTE ⑤
INVERT TO BE FACTORY MOLDED TO PIPE DIA. OR FILLED TO DIRECT FLOW WITH 3/4" MAXIMUM AGGREGATE, 3500 P.S.I. CONCRETE IF M.H. IS NOT REPLACED

NOTE ⑥
NO ECCENTRIC MANHOLE CONE SECTIONS PERMITTED

NOTE ⑦
ALL STRUCTURES TO BE MADE WITH PRE-CAST INTEGRAL FOOTING BASE. MIN. 6"

NOTE ⑪
A DROP MANHOLE SHALL BE PROVIDED FOR A LATERAL SEWER ENTERING A MANHOLE 24" OR MORE ABOVE THE MANHOLE INVERT.

NOTE ⑫
THE CONNECTION OF ALL PVC SANITARY SEWER PIPE, SIZE 6" TO 30", TO PRECAST MANHOLES OR OTHER STRUCTURES SHALL EMPLOY A WATERTIGHT, FLEXIBLE PIPE-TO-MANHOLE CONNECTOR

THE CONNECTOR SHALL CONSIST OF A SINGLE RUBBER GASKET, SHALL BE CONSTRUCTED SOLELY OF SYNTHETIC OR NATURAL RUBBER, SHALL MEET/EXCEED THE REQUIREMENTS OF ASTM C 923, AND SHALL HAVE A MINIMUM TENSILE STRENGTH OF 1600 PSI

THE CONNECTOR SHALL BE THE SOLE ELEMENT RELIED ON TO ASSURE A FLEXIBLE, WATERTIGHT SEAL OF THE PIPE TO THE STRUCTURE

DETAILS OF STANDARD MANHOLE FOR 30" PIPE OR SMALLER (C/D-6)

DETAILS OF STANDARD MANHOLE FOR 36" PIPE OR LARGER (D/D-6)

DETAILS OF DROP MANHOLE FOR 30" PIPE OR SMALLER (E/D-6)

DETAILS OF RISER FOR HOUSE CONNECTION (F/D-6)

PROJECT No.
LOCATION
SANITARY SEWER DETAILS
RESOLUTION D-6 DATE

ENGINEERING DEPT.
City of LaCrosse, Wis.

				BY	DATE
FIELD BOOK	SURVEYED				
NUMBER	DRAWN PRELIMINARY FINAL				
	CHECKED				
	APPROVED				
PAGE	REVISIONS	M.D.F.	3/03	J.M.C.	6/2015
		J.M.C.	9/03	BFM	2/2019
		M.D.F.	4/06	J.M.C.	8/2019
SCALE: NONE		M.D.F.	12/10	BFM	11/2019
		M.D.F.	4/13	J.M.C.	11/2023

SHEET NO. TOTAL SHEETS

(D-6)sanitary sewer_detail

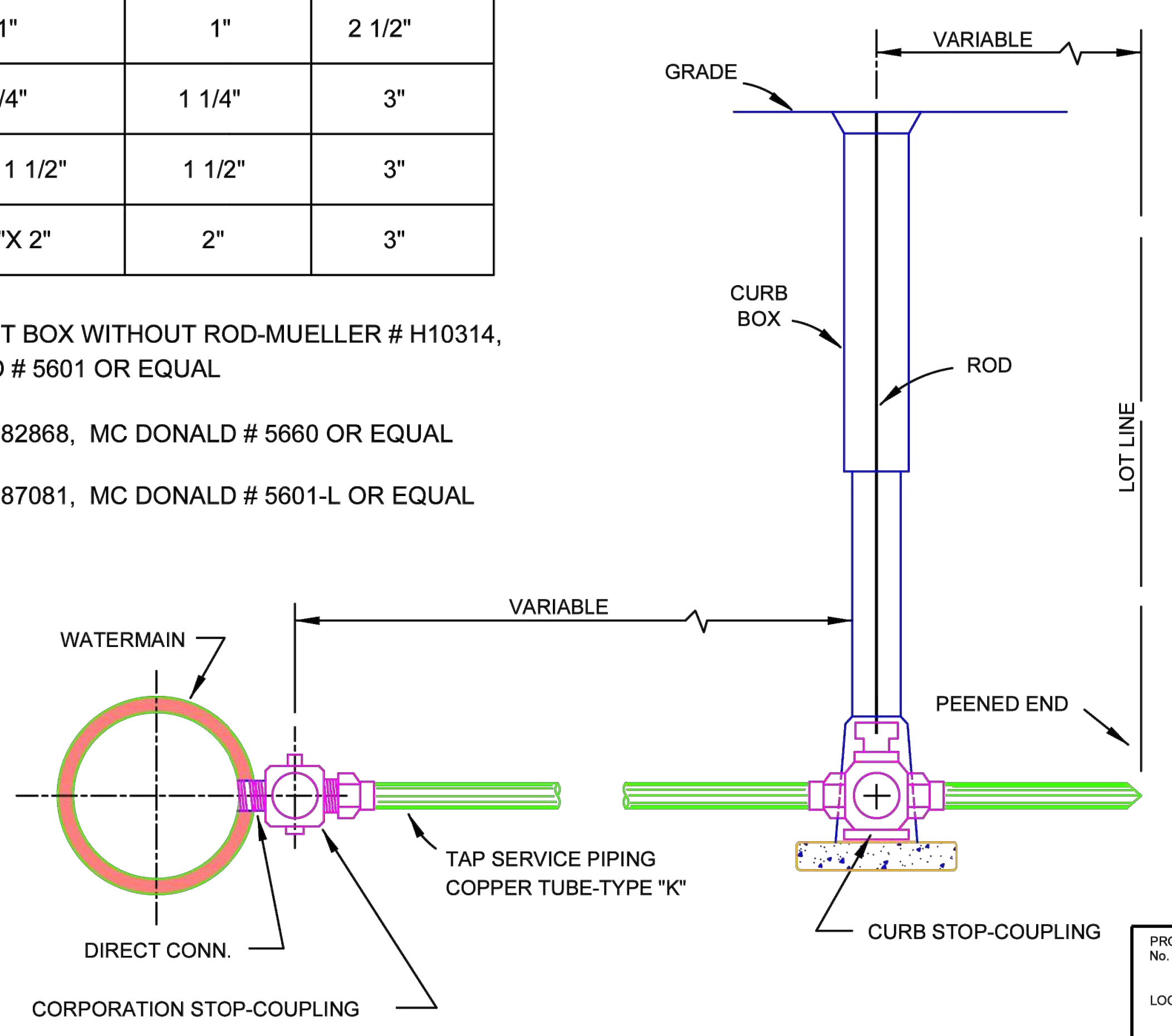
DETAIL OF SERVICE SHUT-OFF

SERVICE PIPE	CORP. STOP	CURB STOP	SERVICE BOX
1"	1"	1"	2 1/2"
1 1/4"	1 1/4"	1 1/4"	3"
1 1/2"	1 1/4"X 1 1/2"	1 1/2"	3"
2"	1 1/2"X 2"	2"	3"

CURB BOX : SEVEN FOOT BOX WITHOUT ROD-MUELLER # H10314, MC DONALD # 5601 OR EQUAL

54" or 57" ROD : MUELLER # 82868, MC DONALD # 5660 OR EQUAL

LID : MUELLER # 87081, MC DONALD # 5601-L OR EQUAL


GRADE
VARIABLE
CURB BOX
ROD
LOT LINE
VARIABLE
WATERMAIN
PEENED END
TAP SERVICE PIPING COPPER TUBE-TYPE "K"
DIRECT CONN.
CORPORATION STOP-COUPLING
CURB STOP-COUPLING

NOTE:
SERVICES SMALLER THAN 1" ARE TO BE TAPPED 45° TO VERTICAL ON WATERMAIN

PROJECT No.
LOCATION
WATERMAIN DETAILS
RESOLUTION DATE

ENGINEERING DEPT.
City of La Crosse, WI.

		BY	DATE
FIELD BOOK	SURVEYED		
NUMBER	DRAWN PRELIMINARY FINAL		
	CHECKED		
	APPROVED		
PAGE	REVISIONS		01/2021

SHEET NO. D-3 TOTAL SHEETS

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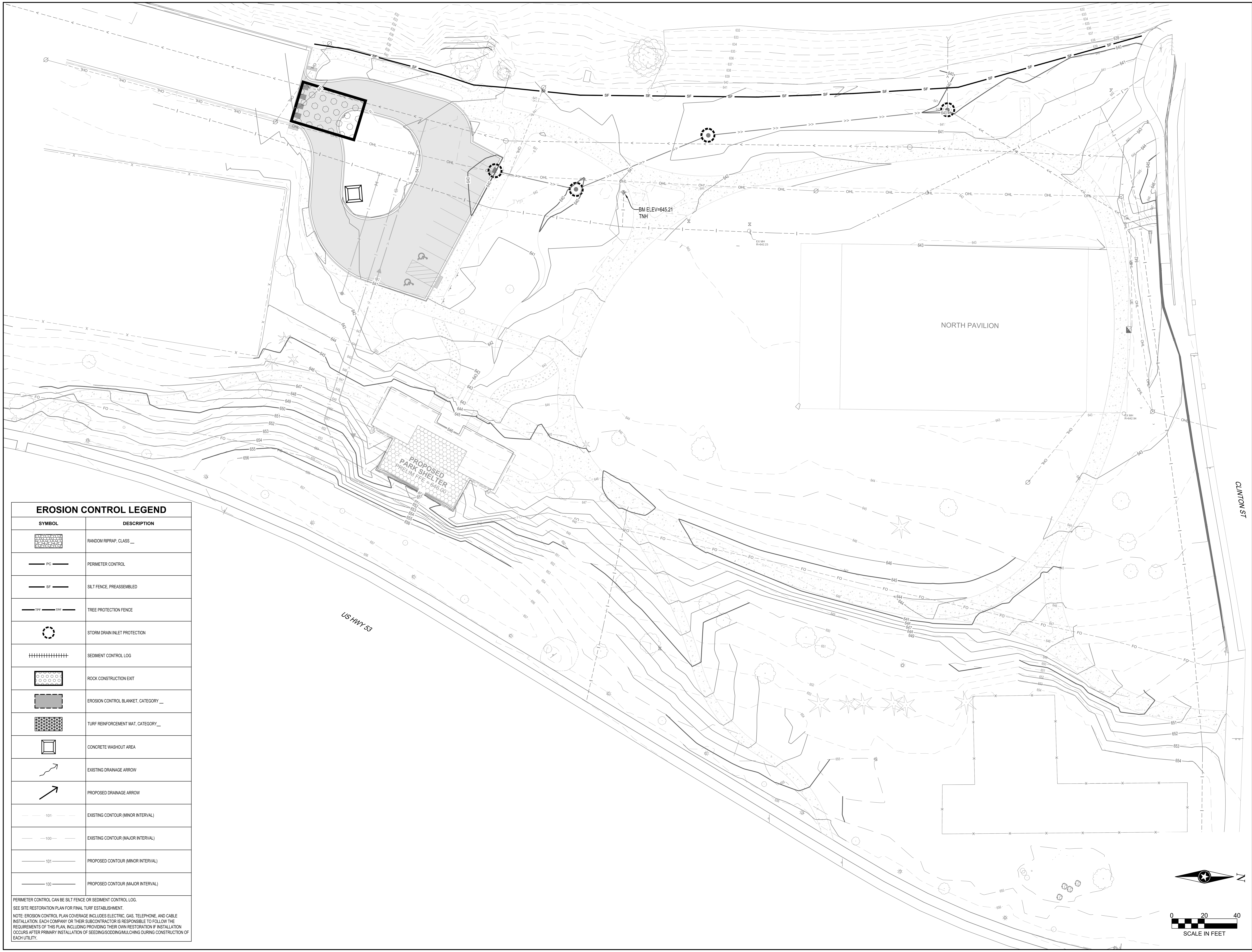
PRELIMINARY

PROJECT
COPELAND PARK SITE IMPROVEMENTS
1130 ROSE STREET
LA CROSSE, WI 54603

DATE 04/17/26
DRAWN BY BDC
CHECKED BY KBR
PROJECT No 1626
DRAWING TITLE SITE DETAILS

SHEET No
C0-21



EROSION CONTROL LEGEND

SYMBOL	DESCRIPTION
▨	RANDOM RIPRAP, CLASS __
—— PC ——	PERIMETER CONTROL
—— SF ——	SILT FENCE, PREASSEMBLED
—— TPF —— TPF ——	TREE PROTECTION FENCE
◌	STORM DRAIN INLET PROTECTION
┼┼┼┼┼┼┼┼┼┼┼┼	SEDIMENT CONTROL LOG
▣	ROCK CONSTRUCTION EXIT
▒	EROSION CONTROL BLANKET, CATEGORY __
▩	TURF REINFORCEMENT MAT, CATEGORY__
⧈	CONCRETE WASHOUT AREA
↗	EXISTING DRAINAGE ARROW
↗	PROPOSED DRAINAGE ARROW
— — 101 — —	EXISTING CONTOUR (MINOR INTERVAL)
—— 100 ——	EXISTING CONTOUR (MAJOR INTERVAL)
—— 101 ——	PROPOSED CONTOUR (MINOR INTERVAL)
—— 100 ——	PROPOSED CONTOUR (MAJOR INTERVAL)

PERIMETER CONTROL CAN BE SILT FENCE OR SEDIMENT CONTROL LOG.

SEE SITE RESTORATION PLAN FOR FINAL TURF ESTABLISHMENT.

NOTE: EROSION CONTROL PLAN COVERAGE INCLUDES ELECTRIC, GAS, TELEPHONE, AND CABLE INSTALLATION. EACH COMPANY OR THEIR SUBCONTRACTOR IS RESPONSIBLE TO FOLLOW THE REQUIREMENTS OF THIS PLAN, INCLUDING PROVIDING THEIR OWN RESTORATION IF INSTALLATION OCCURS AFTER PRIMARY INSTALLATION OF SEEDING/SODDING/MULCHING DURING CONSTRUCTION OF EACH UTILITY.

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PRELIMINARY

PROJECT
COPELAND PARK SITE IMPROVEMENTS
1130 ROSE STREET
LA CROSSE, WI 54603

DATE 04/17/26
DRAWN BY BDC
CHECKED BY KBR
PROJECT No 1626
DRAWING TITLE
EROSION CONTROL PLAN

SHEET No
C1-40

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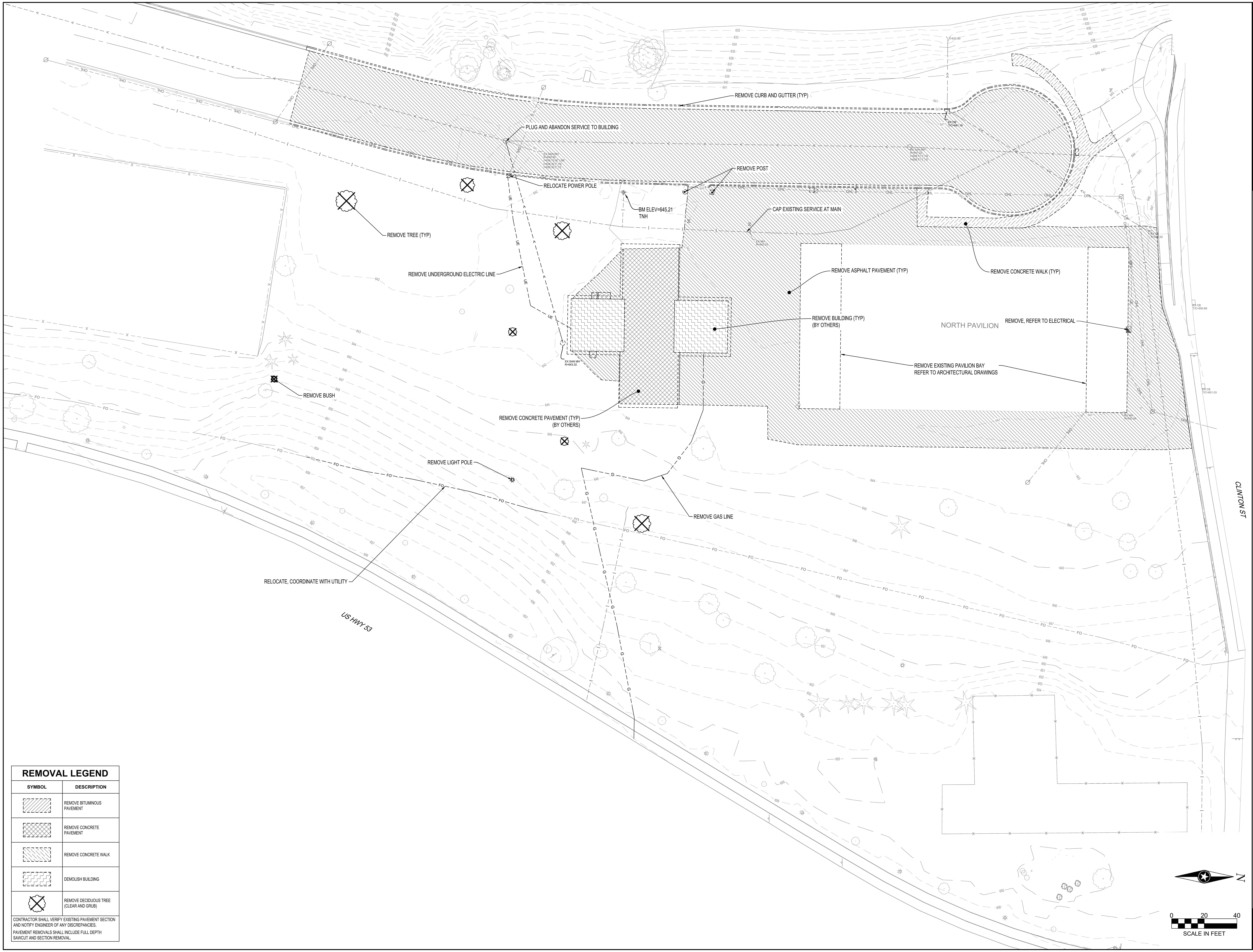


REMOVE CURB AND GUTTER (TYP)
PLUG AND ABANDON SERVICE TO BUILDING
REMOVE POST
RELOCATE POWER POLE
BM ELEV=645.21
TNH
CAP EXISTING SERVICE AT MAIN
REMOVE TREE (TYP)
REMOVE ASPHALT PAVEMENT (TYP)
REMOVE CONCRETE WALK (TYP)
REMOVE UNDERGROUND ELECTRIC LINE
REMOVE BUILDING (TYP)
(BY OTHERS)
NORTH PAVILION
REMOVE, REFER TO ELECTRICAL
REMOVE EXISTING PAVILION BAY
REFER TO ARCHITECTURAL DRAWINGS
REMOVE BUSH
REMOVE CONCRETE PAVEMENT (TYP)
(BY OTHERS)
REMOVE LIGHT POLE
REMOVE GAS LINE
RELOCATE, COORDINATE WITH UTILITY
US HWY 53
CLINTON ST
N
0
20
40
SCALE IN FEET

REMOVAL LEGEND

SYMBOL	DESCRIPTION
▨	REMOVE BITUMINOUS PAVEMENT
▩	REMOVE CONCRETE PAVEMENT
▧	REMOVE CONCRETE WALK
▤	DEMOLISH BUILDING
☒	REMOVE DECIDUOUS TREE (CLEAR AND GRUB)

CONTRACTOR SHALL VERIFY EXISTING PAVEMENT SECTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

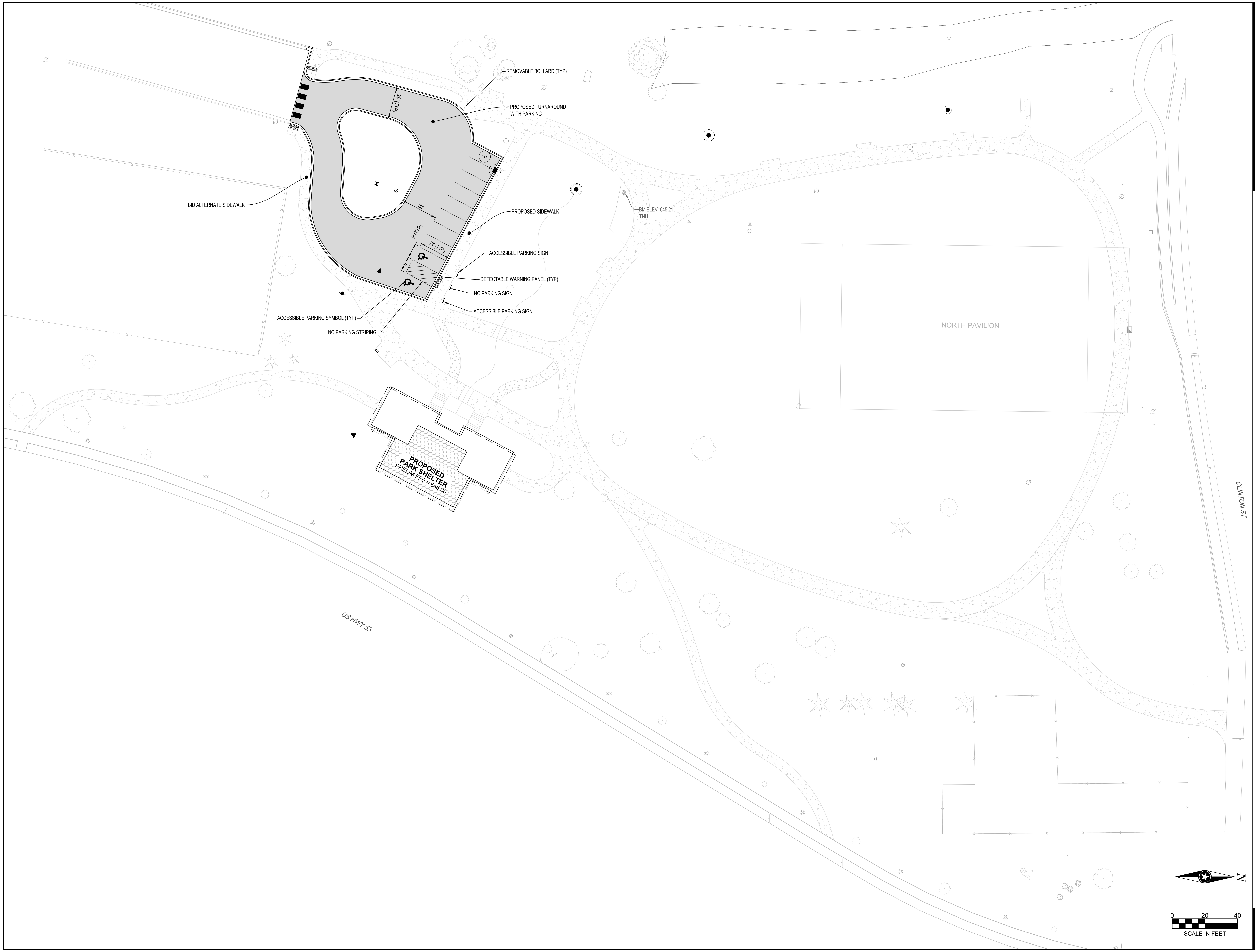
PAVEMENT REMOVALS SHALL INCLUDE FULL DEPTH SAWCUT AND SECTION REMOVAL.

PRELIMINARY

PROJECT
COPELAND PARK SITE IMPROVEMENTS
1130 ROSE STREET
LA CROSSE, WI 54603

DATE	04/17/26	**PROJECT No**	1626
DRAWN BY	BDC	**DRAWING TITLE**	
CHECKED BY	KBR	EXISTING SITE AND REMOVAL PLAN	

SHEET No
C2-10


REMOVABLE BOLLARD (TYP)
PROPOSED TURNAROUND WITH PARKING
20' (TYP)
22'
6
9' (TYP)
19' (TYP)
9'
BID ALTERNATE SIDEWALK
PROPOSED SIDEWALK
ACCESSIBLE PARKING SIGN
DETECTABLE WARNING PANEL (TYP)
NO PARKING SIGN
ACCESSIBLE PARKING SIGN
ACCESSIBLE PARKING SYMBOL (TYP)
NO PARKING STRIPING
BM ELEV=645.21
TNH
NORTH PAVILION
PROPOSED
PARK SHELTER
PRELIM FFE = 646.00
US HWY 53
CLINTON ST
N
0
20
40
SCALE IN FEET

river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

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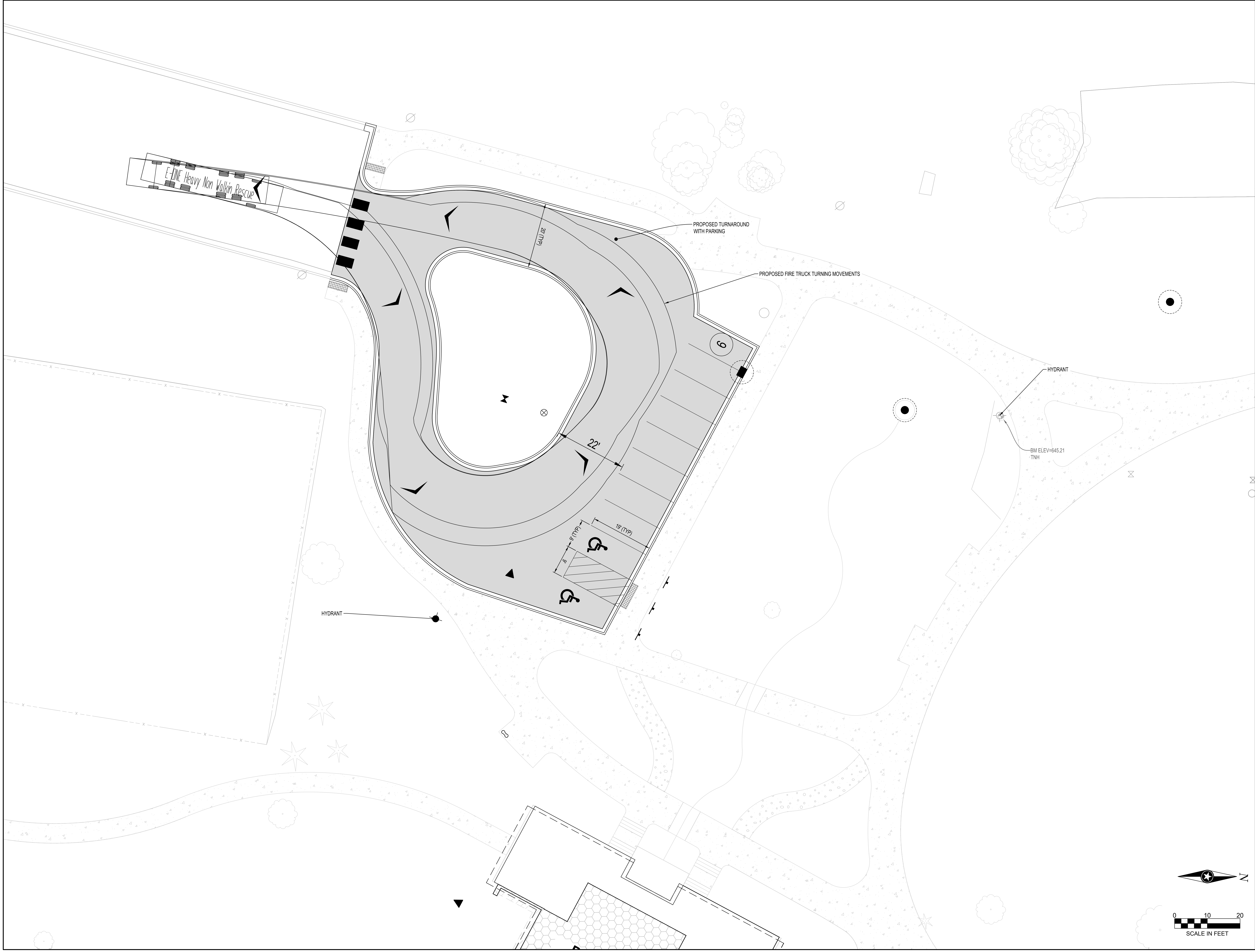
PRELIMINARY

PROJECT
COPELAND PARK SITE IMPROVEMENTS
1130 ROSE STREET
LA CROSSE, WI 54603

DATE 04/17/26
DRAWN BY BDC
CHECKED BY KBR

PROJECT No 1626
DRAWING TITLE
SITE PLAN

SHEET No
C3-10


E-ONE Heavy Non Walkin Rescue
PROPOSED TURNAROUND WITH PARKING
PROPOSED FIRE TRUCK TURNING MOVEMENTS
20' (TYP)
22'
9
19' (TYP)
9' (TYP)
9'
HYDRANT
HYDRANT
BM ELEV=645.21
TNH
N
0
10
20
SCALE IN FEET

river ARCHITECTS
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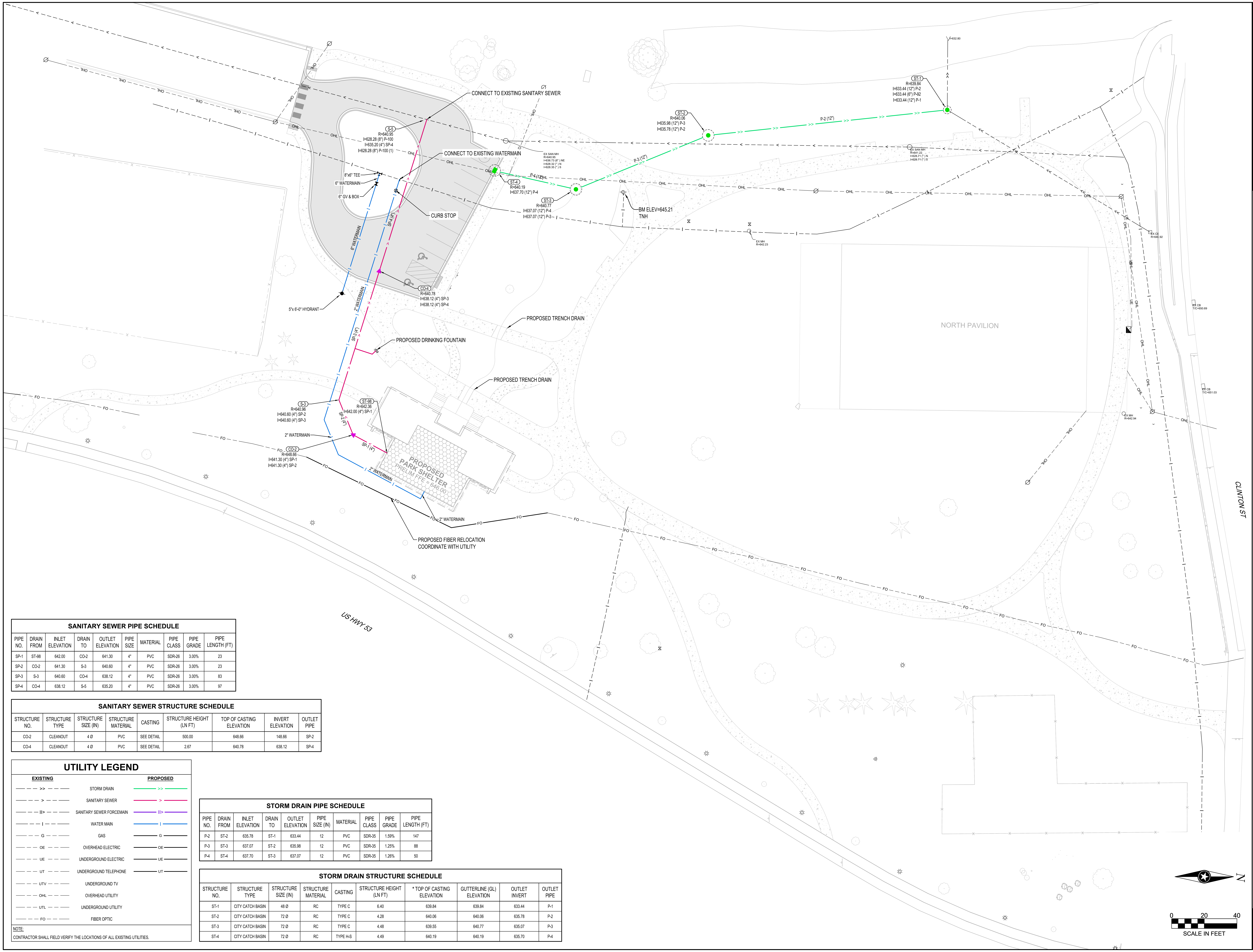
PRELIMINARY

PROJECT
COPELAND PARK SITE IMPROVEMENTS
1130 ROSE STREET
LA CROSSE, WI 54603

DATE 04/17/26
DRAWN BY BDC
CHECKED BY KBR
PROJECT No 1626
DRAWING TITLE
FIRE TRUCK TURNING MOVEMENTS

SHEET No
C3-11


CONNECT TO EXISTING SANITARY SEWER
CONNECT TO EXISTING WATERMAIN
S-5
R=640.95
I=628.28 (8") P-100
I=635.20 (4") SP-4
I=628.28 (8") P-100 (1)
8"x6" TEE
6" WATERMAIN
6" GV & BOX
CURB STOP
6" WATERMAIN
SP-4 (4")
EX SAN MH
R=640.95
I=636.73 (8") NE
I=628.32 (") N
I=628.35 (") S
ST-4
R=640.19
I=637.70 (12") P-4
P-4 (12")
ST-3
R=640.77
I=637.07 (12") P-4
I=637.07 (12") P-3
P-3 (12")
ST-2
R=640.06
I=635.98 (12") P-3
I=635.78 (12") P-2
P-2 (12")
ST-1
R=639.84
I=633.44 (12") P-2
I=633.44 (6") P-92
I=633.44 (12") P-1
I=632.80
EX SAN MH
R=641.22
I=628.71 (") N
I=628.71 (") S
BM ELEV=645.21
TNH
EX MH
R=642.23
EX CB
R=640.92
EX CB
T/C=650.69
EX CB
T/C=651.03
EX MH
R=642.94
NORTH PAVILION
CO-4
R=640.78
I=638.12 (4") SP-3
I=638.12 (4") SP-4
5"x 6'-0" HYDRANT
2" WATERMAIN
SP-3 (4")
PROPOSED TRENCH DRAIN
PROPOSED DRINKING FOUNTAIN
PROPOSED TRENCH DRAIN
S-3
R=640.96
I=640.60 (4") SP-2
I=640.60 (4") SP-3
ST-98
R=642.36
I=642.00 (4") SP-1
SP-2 (4")
2" WATERMAIN
CO-2
R=648.66
I=641.30 (4") SP-1
I=641.30 (4") SP-2
SP-1 (4")
2" WATERMAIN
PROPOSED PARK SHELTER
PRELIM FFE = 646.00
2" WATERMAIN
PROPOSED FIBER RELOCATION
COORDINATE WITH UTILITY
US HWY 53
CLINTON ST
OHL
FO
UE
N
0
20
40
SCALE IN FEET

SANITARY SEWER PIPE SCHEDULE

PIPE NO.	DRAIN FROM	INLET ELEVATION	DRAIN TO	OUTLET ELEVATION	PIPE SIZE	MATERIAL	PIPE CLASS	PIPE GRADE	PIPE LENGTH (FT)
SP-1	ST-98	642.00	CO-2	641.30	4"	PVC	SDR-26	3.00%	23
SP-2	CO-2	641.30	S-3	640.60	4"	PVC	SDR-26	3.00%	23
SP-3	S-3	640.60	CO-4	638.12	4"	PVC	SDR-26	3.00%	83
SP-4	CO-4	638.12	S-5	635.20	4"	PVC	SDR-26	3.00%	97

SANITARY SEWER STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE TYPE	STRUCTURE SIZE (IN)	STRUCTURE MATERIAL	CASTING	STRUCTURE HEIGHT (LN FT)	TOP OF CASTING ELEVATION	INVERT ELEVATION	OUTLET PIPE
CO-2	CLEANOUT	4 Ø	PVC	SEE DETAIL	500.00	648.66	148.66	SP-2
CO-4	CLEANOUT	4 Ø	PVC	SEE DETAIL	2.67	640.78	638.12	SP-4

UTILITY LEGEND

EXISTING		PROPOSED
—— — — >> — — ——	STORM DRAIN	——— >> ———
—— — — > — — ——	SANITARY SEWER	——— > ———
—— — — II> — — ——	SANITARY SEWER FORCEMAIN	——— II> ———
—— — — I — — ——	WATER MAIN	——— I ———
—— — — G — — ——	GAS	——— G ———
—— — — OE — — ——	OVERHEAD ELECTRIC	——— OE ———
—— — — UE — — ——	UNDERGROUND ELECTRIC	——— UE ———
—— — — UT — — ——	UNDERGROUND TELEPHONE	——— UT ———
—— — — UTV — — ——	UNDERGROUND TV	
—— — — OHL — — ——	OVERHEAD UTILITY	
—— — — UTL — — ——	UNDERGROUND UTILITY	
—— — — FO — — ——	FIBER OPTIC	

NOTE:

CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES.

STORM DRAIN PIPE SCHEDULE

PIPE NO.	DRAIN FROM	INLET ELEVATION	DRAIN TO	OUTLET ELEVATION	PIPE SIZE (IN)	MATERIAL	PIPE CLASS	PIPE GRADE	PIPE LENGTH (FT)
P-2	ST-2	635.78	ST-1	633.44	12	PVC	SDR-35	1.59%	147
P-3	ST-3	637.07	ST-2	635.98	12	PVC	SDR-35	1.25%	88
P-4	ST-4	637.70	ST-3	637.07	12	PVC	SDR-35	1.26%	50

STORM DRAIN STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE TYPE	STRUCTURE SIZE (IN)	STRUCTURE MATERIAL	CASTING	STRUCTURE HEIGHT (LN FT)	* TOP OF CASTING ELEVATION	GUTTERLINE (GL) ELEVATION	OUTLET INVERT	OUTLET PIPE
ST-1	CITY CATCH BASIN	48 Ø	RC	TYPE C	6.40	639.84	639.84	633.44	P-1
ST-2	CITY CATCH BASIN	72 Ø	RC	TYPE C	4.28	640.06	640.06	635.78	P-2
ST-3	CITY CATCH BASIN	72 Ø	RC	TYPE C	4.48	639.55	640.77	635.07	P-3
ST-4	CITY CATCH BASIN	72 Ø	RC	TYPE H-S	4.49	640.19	640.19	635.70	P-4

river ARCHITECTS
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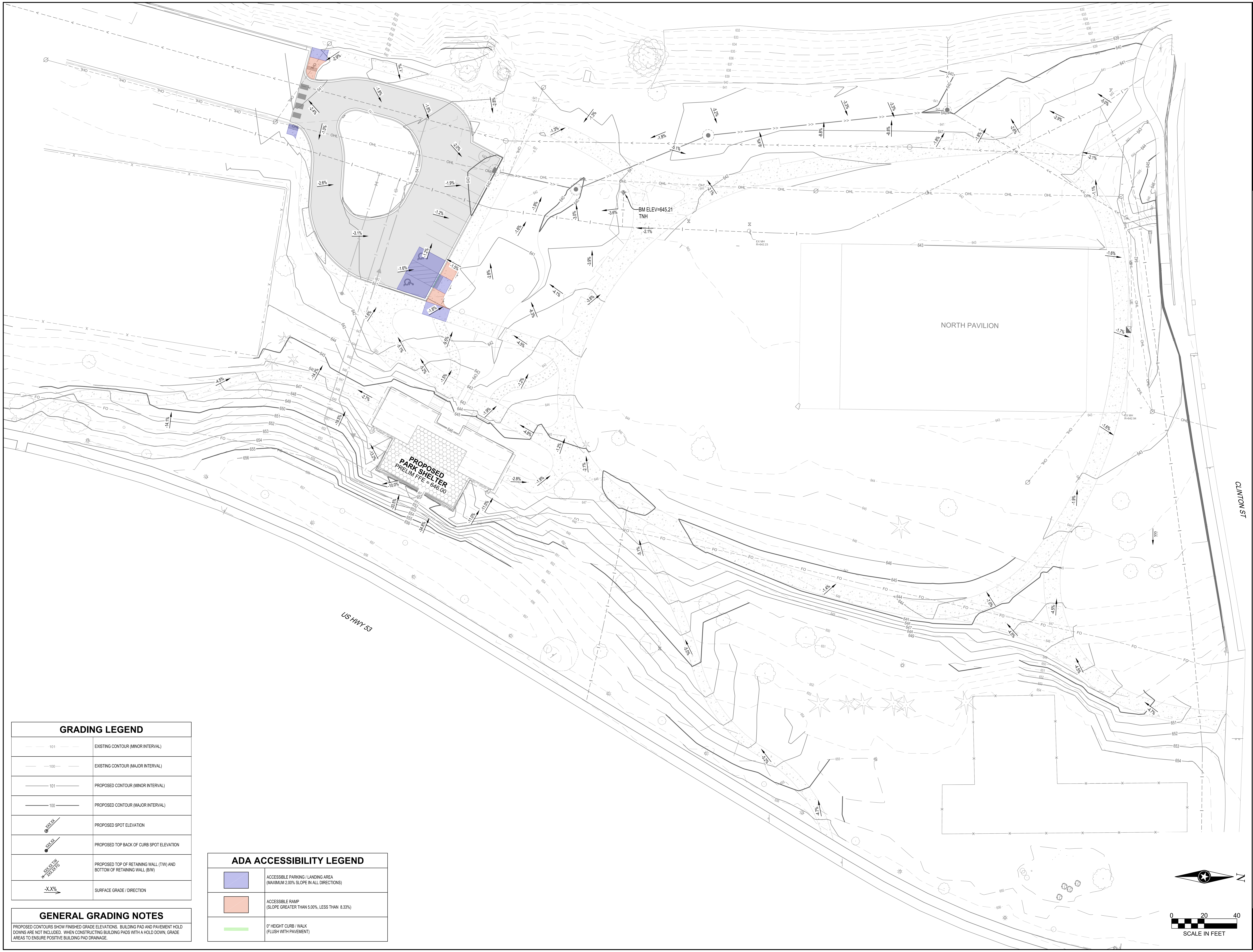
PRELIMINARY

PROJECT
COPELAND PARK SITE IMPROVEMENTS
1130 ROSE STREET
LA CROSSE, WI 54603

DATE	04/17/26	PROJECT No	1626
DRAWN BY	BDC	DRAWING TITLE	UTILITY PLAN
CHECKED BY	KBR		

SHEET No
C3-20


NORTH PAVILION
PROPOSED PARK SHELTER
PRELIM FFE = 646.00
BM ELEV=645.21
TNH
EX MH
US HWY 53
CLINTON ST
N
0
20
40
SCALE IN FEET

GRADING LEGEND

101	EXISTING CONTOUR (MINOR INTERVAL)
100	EXISTING CONTOUR (MAJOR INTERVAL)
101	PROPOSED CONTOUR (MINOR INTERVAL)
100	PROPOSED CONTOUR (MAJOR INTERVAL)
XXX.XX	PROPOSED SPOT ELEVATION
XXX.XX	PROPOSED TOP BACK OF CURB SPOT ELEVATION
XXX.XX T/W XXX.XX FG	PROPOSED TOP OF RETAINING WALL (T/W) AND BOTTOM OF RETAINING WALL (B/W)
-X.X%	SURFACE GRADE / DIRECTION

GENERAL GRADING NOTES

PROPOSED CONTOURS SHOW FINISHED GRADE ELEVATIONS. BUILDING PAD AND PAVEMENT HOLD DOWNS ARE NOT INCLUDED. WHEN CONSTRUCTING BUILDING PADS WITH A HOLD DOWN, GRADE AREAS TO ENSURE POSITIVE BUILDING PAD DRAINAGE.

ADA ACCESSIBILITY LEGEND

🟪	ACCESSIBLE PARKING / LANDING AREA (MAXIMUM 2.00% SLOPE IN ALL DIRECTIONS)
🟥	ACCESSIBLE RAMP (SLOPE GREATER THAN 5.00%, LESS THAN 8.33%)
🟩	0" HEIGHT CURB / WALK (FLUSH WITH PAVEMENT)

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PRELIMINARY

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COPELAND PARK SITE IMPROVEMENTS
1130 ROSE STREET
LA CROSSE, WI 54603

DATE 04/17/26
DRAWN BY BDC
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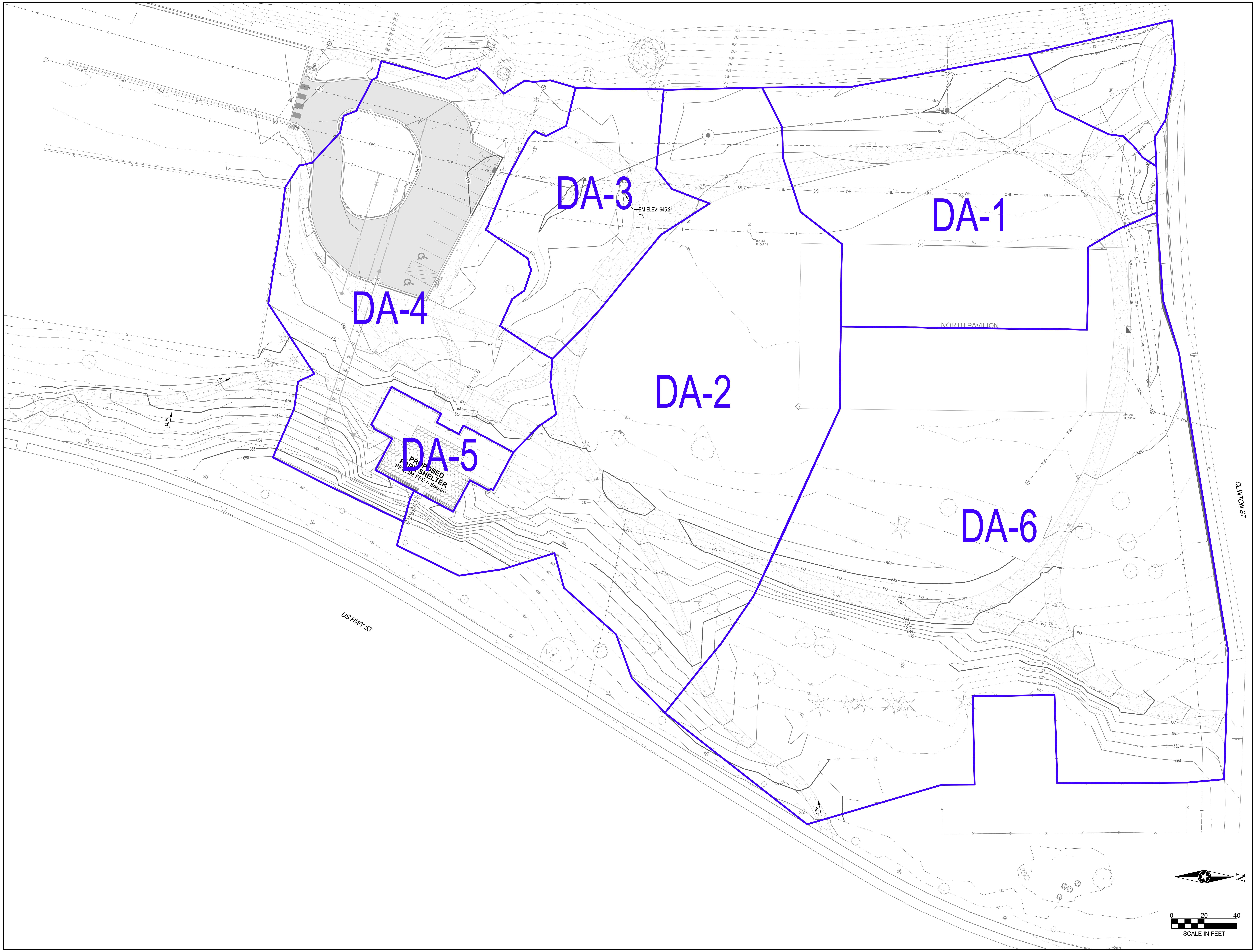
DRAWING TITLE
GRADING PLAN

SHEET No
C4-10


DA-1
DA-2
DA-3
DA-4
DA-5
DA-6
NORTH PAVILION
PROPOSED PARK SHELTER
PRELIM FFE = 646.00
BM ELEV=645.21
TNH
EX MH
CLINTON ST
US HWY 53
OHL
FO
N
0
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SCALE IN FEET

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COPELAND PARK SITE IMPROVEMENTS
1130 ROSE STREET
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DATE	04/17/26
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CHECKED BY	KBR
PROJECT No	1626
DRAWING TITLE	DRAINAGE MAP

SHEET No
C4-20

REFERENCE NOTES SCHEDULE

CODE	DESCRIPTION	QTY
BOLLARD		
BO-01	BOLLARD TYPE 01: REMOVABLE BOLLARD	8
EDGING		
ED-01	EDGING TYPE 01: STEEL EDGING	119 LF
HANDRAIL		
HR-01	HANDRAIL TYPE 01: GALVANIZED HANDRAIL	22 LF
LANDSCAPE AMENITY		
LA-01	LANDSCAPE AMENITY TYPE 01: SWALE	166 LF
PAVING		
P-01	PAVING TYPE 01: CONCRETE WALK	18,760 SF
P-02	PAVING TYPE 02: BRIDGE	12 LF
ROCK		
RO-01	ROCK TYPE 01: 3/4" GRAY GRANITE AGGREGATE	239 SF
SITE FURNITURE		
SF-01A	SITE FURNISHING TYPE 01A: BACKED BENCH	3
SF-01B	SITE FURNISHING TYPE 01B: BACKLESS BENCH	2
SF-02	SITE FURNISHING TYPE 02: BIKE RACK	
SF-03	SITE FURNISHING TYPE 03: RECEPTACLE	3
SF-04	SITE FURNISHING TYPE 04: DRINKING FOUNTAIN WITH BOTTLE FILLER	1
STAIRS		
ST-01	STAIR TYPE 01: CIP CONCRETE STEPS	96 LF

ALTERNATE REFERENCE NOTES SCHEDULE

CODE	DESCRIPTION	QTY
PAVING		
P-01	PAVING TYPE 01: CONCRETE WALK	5,337 SF
P-03	PAVING TYPE 03: STABILIZED GRAVEL (ALTERNATE)	500 SF
ROCK		
RO-02	ROCK TYPE 02: LANDSCAPE BOULDER (ALTERNATE)	34

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONT.
CONIFEROUS TREES					
⊙	PI-S	7	PINUS STROBUS WHITE PINE	7' - 8' HT.	B&B
DECIDUOUS TREES					
⊙	CY-C	2	CARYA CORDIFORMIS BITTERNUT HICKORY	2" CAL.	B&B
⊙	GY-D	2	GYMNOCLADUS DIOICA KENTUCKY COFFEETREE	2" CAL.	B&B
⊙	OS-V	7	OSTRYA VIRGINIANA AMERICAN HOPHORNBEAM	2" CAL.	B&B
⊙	QU-A	8	QUERCUS ALBA WHITE OAK	2" CAL.	B&B
⊙	QU-B	3	QUERCUS BICOLOR SWAMP WHITE OAK	2" CAL.	B&B
⊙	QU-M	5	QUERCUS MACROCARPA BUR OAK	2" CAL.	B&B
⊙	QU-R	1	QUERCUS RUBRA RED OAK	2" CAL.	B&B
⊙	UA-L	3	ULMUS AMERICANA 'LEWIS & CLARK' PRAIRIE EXPEDITION® AMERICAN ELM	2.5" CAL.	B&B
ORNAMENTAL TREES					
⊙	AM-G	3	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE' AUTUMN BRILLIANCE APPLE SERVICEBERRY	2" CAL. CLUMP	B&B
⊙	MA-S	3	MALUS X 'SPRING SNOW' SPRING SNOW CRABAPPLE	2" CAL.	B&B
SHRUBS					
⊙	DI-K	10	DIERVILLA X 'G2X88544' KODIAK® ORANGE DIERVILLA	5 GAL	CONT.
⊙	JU-C	8	JUNIPERUS CHINENSIS 'SEA GREEN' SEA GREEN JUNIPER	5 GAL	CONT.
SEED MIXES					
░	TF	49,912 SF	TURF GRASS MIX WI DOT NO. 40 TURF MIX	SEED	

ALTERNATE PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	SPACING	REMARKS
GROUND COVERS						
▨		1,313 SF	PLUGS - RAINWATER RENEWAL GARDEN FOR SUNNY SITES			AGRECOL 4" PLUG
▨	AF	85	AGASTACHE FOENICULUM BLUE GIANT HYSSOP	PLUG	6.25% @ 12" o.c.	
▨	AE	85	ASTER ERICOIDES HEATH ASTER	PLUG	6.25% @ 12" o.c.	
▨	BH	85	BLEPHILIA HIRSUTA HAIRY WOOD MINT	PLUG	6.25% @ 12" o.c.	
▨	CC	85	CAREX COMOSA LONGHAIR SEDGE	PLUG	6.25% @ 12" o.c.	
▨	CH	85	CAREX HYSTERICINA PORCUPINE SEDGE	PLUG	6.25% @ 12" o.c.	
▨	CV	85	CAREX VULPINOIDEA FOX SEDGE	PLUG	6.25% @ 12" o.c.	
▨	EC	85	ECHINACEA PURPUREA PURPLE CONEFLOWER	PLUG	6.25% @ 12" o.c.	
▨	EP	85	EUPATORIUM PERFOLIATUM COMMON BONESET	PLUG	6.25% @ 12" o.c.	
▨	GC	85	GLYCERIA CANADENSIS RATTLESNAKE GRASS	PLUG	6.25% @ 12" o.c.	
▨	IV	85	IRIS VIRGINICA BLUE FLAG IRIS	PLUG	6.25% @ 12" o.c.	
▨	LS	85	LIATRIS SPICATA BLAZING STAR	PLUG	6.25% @ 12" o.c.	
▨	LS2	85	LOBELIA SIPHILITICA GREAT LOBELIA	PLUG	6.25% @ 12" o.c.	
▨	PV	85	PYCNANTHEMUM VIRGINIANUM MOUNTAIN MINT	PLUG	6.25% @ 12" o.c.	
▨	SO	85	SOLIDAGO OHIOENSIS OHIO GOLDENROD	PLUG	6.25% @ 12" o.c.	
▨	VH	85	VERBENA HASTATA BLUE VERVAIN	PLUG	6.25% @ 12" o.c.	
▨	ZA	85	ZIZIA APTERA HEART-LEAVED MEADOW PARSNIP	PLUG	6.25% @ 12" o.c.	

river ARCHITECTS
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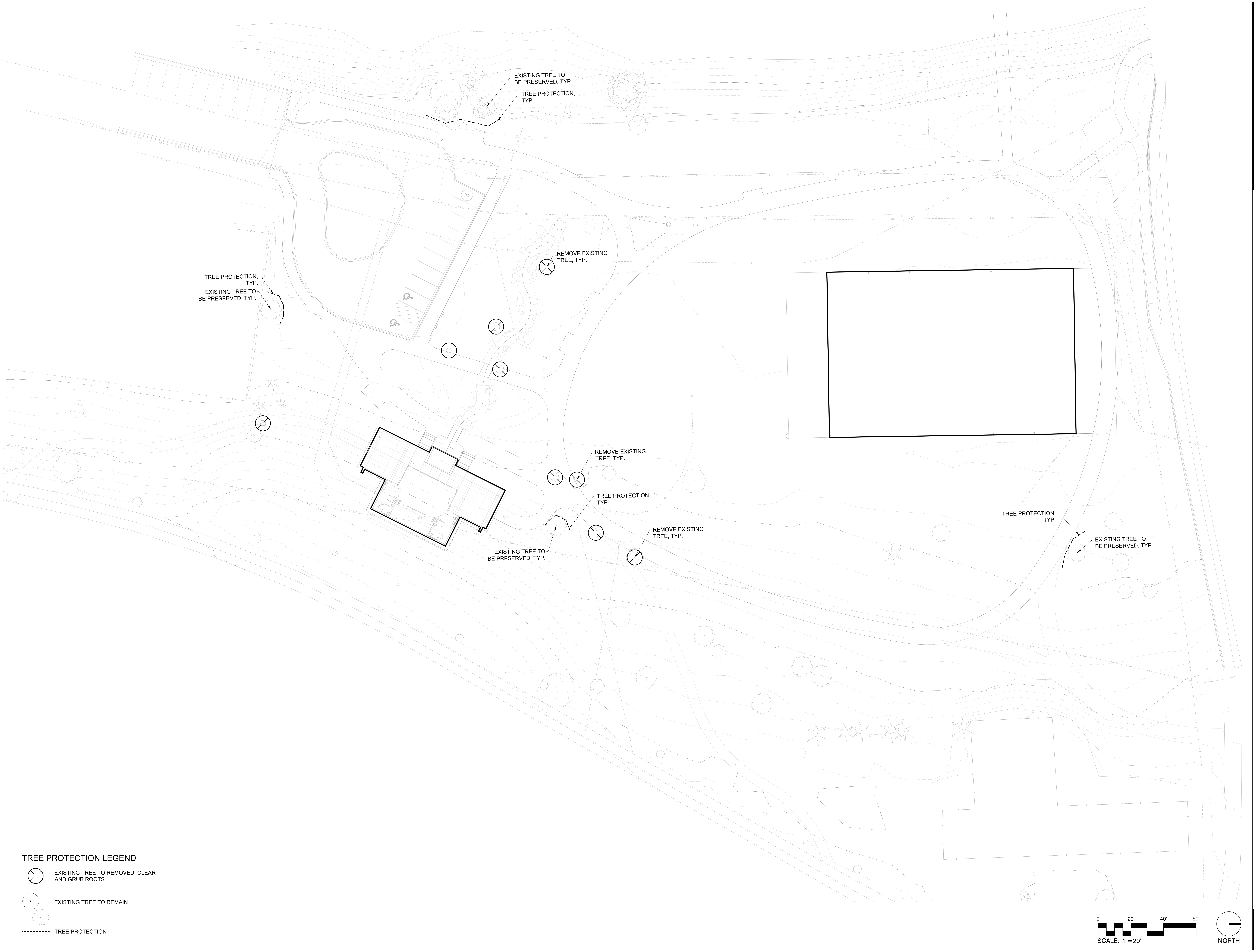
DF/ DAMON FARBER
LANDSCAPE ARCHITECTS

PRELIMINARY

PROJECT
COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

DATE 04/17/26
PROJECT No 1626
DRAWN BY BS
DRAWING TITLE SCHEDULES
CHECKED BY SF

SHEET No
L001


EXISTING TREE TO BE PRESERVED, TYP.
TREE PROTECTION, TYP.
REMOVE EXISTING TREE, TYP.
TREE PROTECTION, TYP.
EXISTING TREE TO BE PRESERVED, TYP.
REMOVE EXISTING TREE, TYP.
TREE PROTECTION, TYP.
EXISTING TREE TO BE PRESERVED, TYP.
REMOVE EXISTING TREE, TYP.
TREE PROTECTION, TYP.
EXISTING TREE TO BE PRESERVED, TYP.
TREE PROTECTION LEGEND
EXISTING TREE TO REMOVED, CLEAR AND GRUB ROOTS
EXISTING TREE TO REMAIN
TREE PROTECTION
0
20'
40'
60'
SCALE: 1"=20'
NORTH

river ARCHITECTS
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DF/ DAMON FARBER
LANDSCAPE ARCHITECTS

PRELIMINARY

PROJECT
COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

DATE	04/17/26	**PROJECT No**	1626
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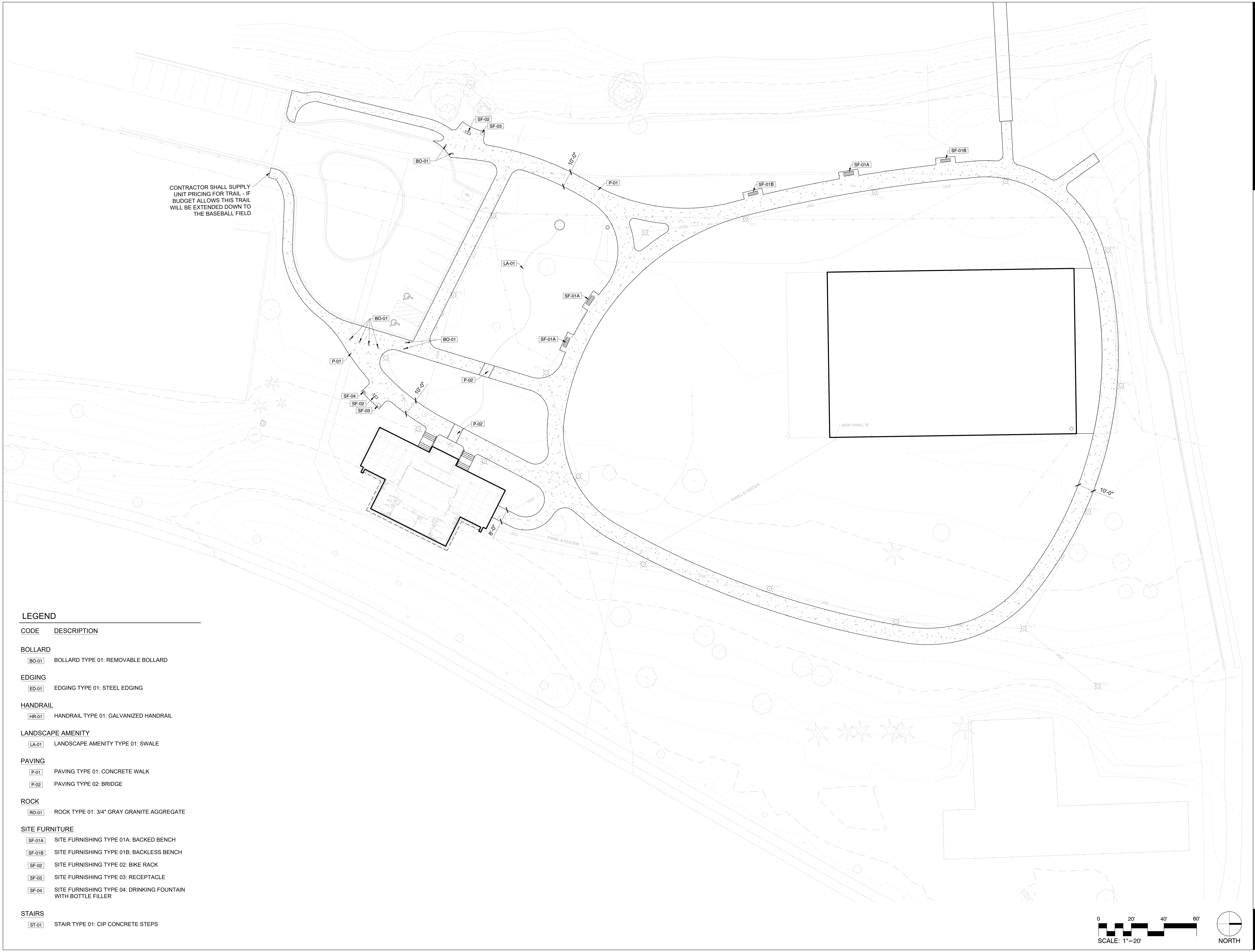
CHECKED BY	SF	TREE PROTECTION PLAN	

SHEET No
L010


CONTRACTOR SHALL SUPPLY UNIT PRICING FOR TRAIL - IF BUDGET ALLOWS THIS TRAIL WILL BE EXTENDED DOWN TO THE BASEBALL FIELD

SF-02
SF-03
BO-01
10'-0"
P-01
SF-01B
SF-01A
SF-01B
LA-01
SF-01A
SF-01A
BO-01
BO-01
P-01
P-02
10'-0"
SF-04
SF-02
SF-03
P-02
8'-0"
NEW PANEL 'B'
PANEL B FEEDER
UGC
10'-0"
0
20'
40'
60'
SCALE: 1"=20'
NORTH

LEGEND

CODE	DESCRIPTION
BOLLARD	
BO-01	BOLLARD TYPE 01: REMOVABLE BOLLARD
EDGING	
ED-01	EDGING TYPE 01: STEEL EDGING
HANDRAIL	
HR-01	HANDRAIL TYPE 01: GALVANIZED HANDRAIL
LANDSCAPE AMENITY	
LA-01	LANDSCAPE AMENITY TYPE 01: SWALE
PAVING	
P-01	PAVING TYPE 01: CONCRETE WALK
P-02	PAVING TYPE 02: BRIDGE
ROCK	
RO-01	ROCK TYPE 01: 3/4" GRAY GRANITE AGGREGATE
SITE FURNITURE	
SF-01A	SITE FURNISHING TYPE 01A: BACKED BENCH
SF-01B	SITE FURNISHING TYPE 01B: BACKLESS BENCH
SF-02	SITE FURNISHING TYPE 02: BIKE RACK
SF-03	SITE FURNISHING TYPE 03: RECEPTACLE
SF-04	SITE FURNISHING TYPE 04: DRINKING FOUNTAIN WITH BOTTLE FILLER
STAIRS	
ST-01	STAIR TYPE 01: CIP CONCRETE STEPS

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DATE	04/17/26	PROJECT No	1626
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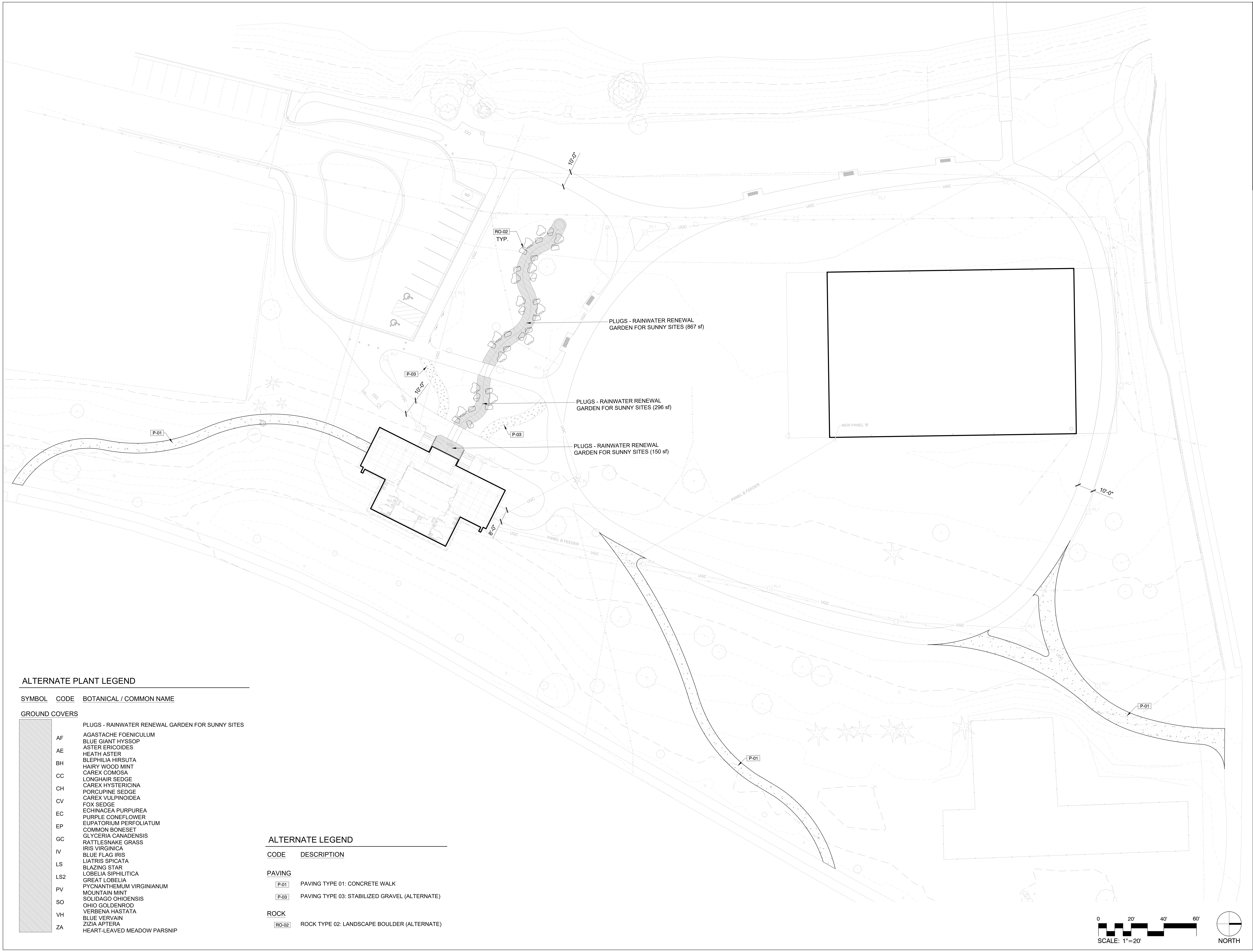
CHECKED BY	SF		LAYOUT PLAN

SHEET No
L100


RO-02
TYP.
PLUGS - RAINWATER RENEWAL GARDEN FOR SUNNY SITES (867 sf)
PLUGS - RAINWATER RENEWAL GARDEN FOR SUNNY SITES (296 sf)
PLUGS - RAINWATER RENEWAL GARDEN FOR SUNNY SITES (150 sf)
P-03
P-03
P-01
P-01
P-01
P-01
10'-0"
10'-0"
10'-0"
8'-0"
NEW PANEL 'B'
PANEL B FEEDER
PANEL B FEEDER
UGC
PL1
0
20'
40'
60'
SCALE: 1"=20'
NORTH

ALTERNATE PLANT LEGEND

SYMBOL	CODE	BOTANICAL / COMMON NAME
GROUND COVERS		
▨		PLUGS - RAINWATER RENEWAL GARDEN FOR SUNNY SITES
	AF	AGASTACHE FOENICULUM BLUE GIANT HYSSOP
	AE	ASTER ERICOIDES HEATH ASTER
	BH	BLEPHILIA HIRSUTA HAIRY WOOD MINT
	CC	CAREX COMOSA LONGHAIR SEDGE
	CH	CAREX HYSTERICINA PORCUPINE SEDGE
	CV	CAREX VULPINOIDEA FOX SEDGE
	EC	ECHINACEA PURPUREA PURPLE CONEFLOWER
	EP	EUPATORIUM PERFOLIATUM COMMON BONESET
	GC	GLYCERIA CANADENSIS RATTLESNAKE GRASS
	IV	IRIS VIRGINICA BLUE FLAG IRIS
	LS	LIATRIS SPICATA BLAZING STAR
	LS2	LOBELIA SIPHILITICA GREAT LOBELIA
	PV	PYCNANTHEMUM VIRGINIANUM MOUNTAIN MINT
	SO	SOLIDAGO OHIOENSIS OHIO GOLDENROD
	VH	VERBENA HASTATA BLUE VERVAIN
	ZA	ZIZIA APTERA HEART-LEAVED MEADOW PARSNIP

ALTERNATE LEGEND

CODE	DESCRIPTION
PAVING	
P-01	PAVING TYPE 01: CONCRETE WALK
P-03	PAVING TYPE 03: STABILIZED GRAVEL (ALTERNATE)
ROCK	
RO-02	ROCK TYPE 02: LANDSCAPE BOULDER (ALTERNATE)

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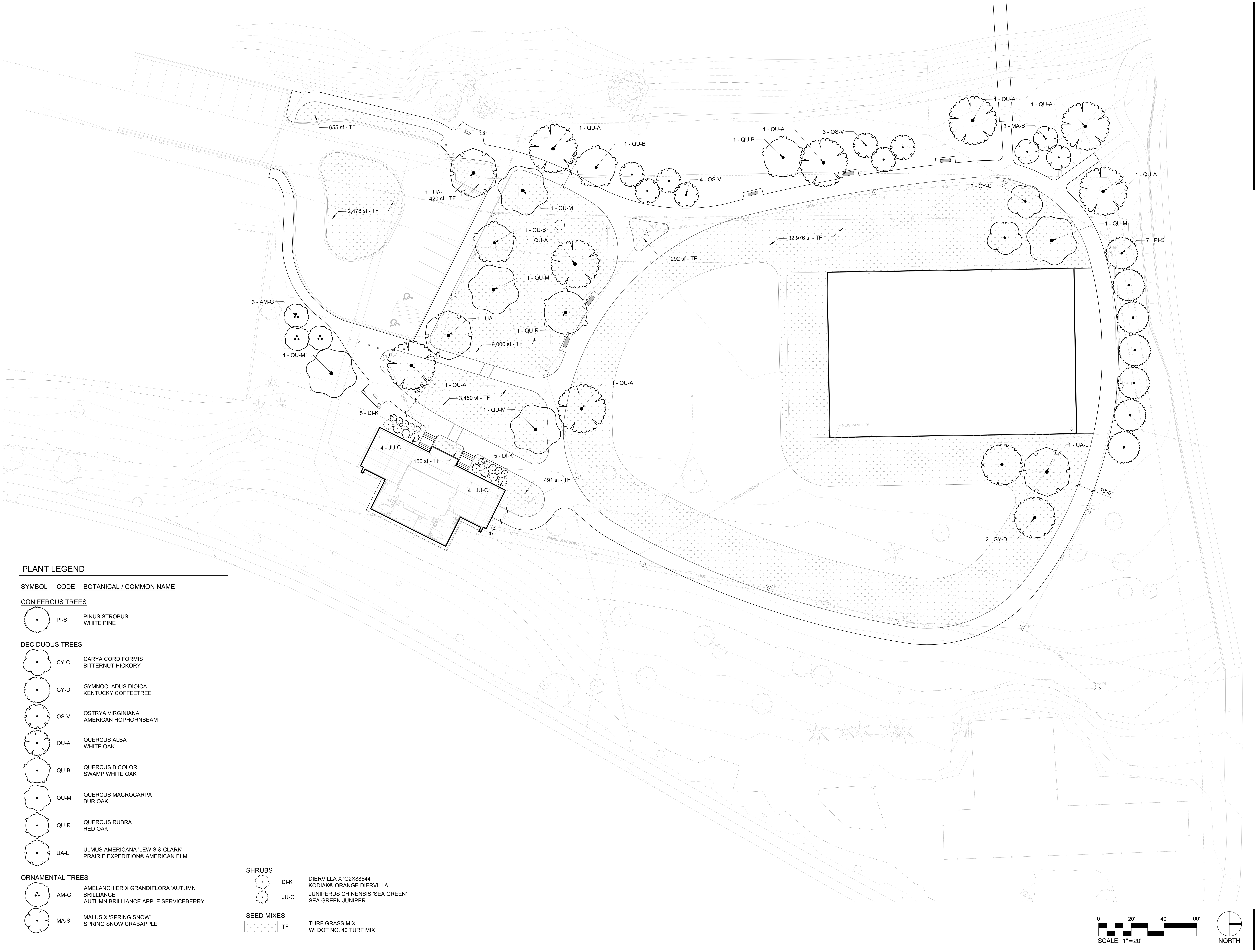
PROJECT No	1626
DRAWING TITLE	ALTERNATE PLAN

SHEET No
L110


655 sf - TF
1 - QU-A
1 - QU-B
2,478 sf - TF
1 - UA-L
420 sf - TF
1 - QU-M
4 - OS-V
1 - QU-B
1 - QU-A
3 - OS-V
1 - QU-A
1 - QU-A
3 - MA-S
1 - QU-A
2 - CY-C
1 - QU-M
7 - PI-S
32,976 sf - TF
292 sf - TF
1 - QU-B
1 - QU-A
1 - QU-M
3 - AM-G
1 - UA-L
1 - QU-R
9,000 sf - TF
1 - QU-M
1 - QU-A
3,450 sf - TF
1 - QU-A
1 - QU-M
5 - DI-K
4 - JU-C
150 sf - TF
5 - DI-K
4 - JU-C
491 sf - TF
8'-0"
10'-0"
1 - UA-L
2 - GY-D
NEW PANEL 'B'
PANEL B FEEDER
UGC
0
20'
40'
60'
SCALE: 1"=20'
NORTH

PLANT LEGEND

SYMBOL	CODE	BOTANICAL / COMMON NAME
CONIFEROUS TREES		
	PI-S	PINUS STROBUS WHITE PINE
DECIDUOUS TREES		
	CY-C	CARYA CORDIFORMIS BITTERNUT HICKORY
	GY-D	GYMNOCLADUS DIOICA KENTUCKY COFFEETREE
	OS-V	OSTRYA VIRGINIANA AMERICAN HOPHORNBEAM
	QU-A	QUERCUS ALBA WHITE OAK
	QU-B	QUERCUS BICOLOR SWAMP WHITE OAK
	QU-M	QUERCUS MACROCARPA BUR OAK
	QU-R	QUERCUS RUBRA RED OAK
	UA-L	ULMUS AMERICANA 'LEWIS & CLARK' PRAIRIE EXPEDITION® AMERICAN ELM
ORNAMENTAL TREES		
	AM-G	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE' AUTUMN BRILLIANCE APPLE SERVICEBERRY
	MA-S	MALUS X 'SPRING SNOW' SPRING SNOW CRABAPPLE

SHRUBS		
	DI-K	DIERVILLA X 'G2X88544' KODIAK® ORANGE DIERVILLA
	JU-C	JUNIPERUS CHINENSIS 'SEA GREEN' SEA GREEN JUNIPER
SEED MIXES		
▨	TF	TURF GRASS MIX WI DOT NO. 40 TURF MIX

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PROJECT No 1626
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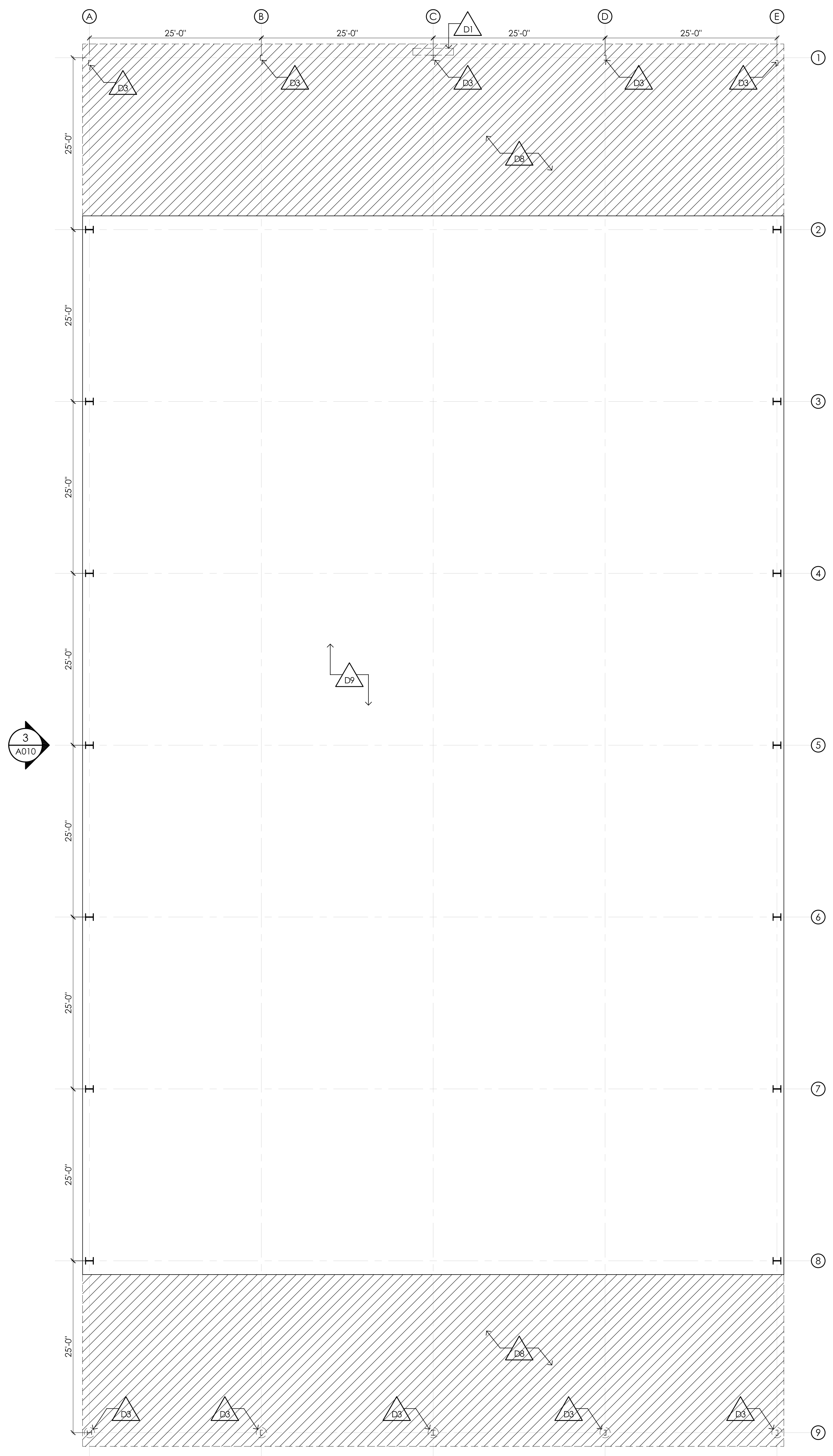
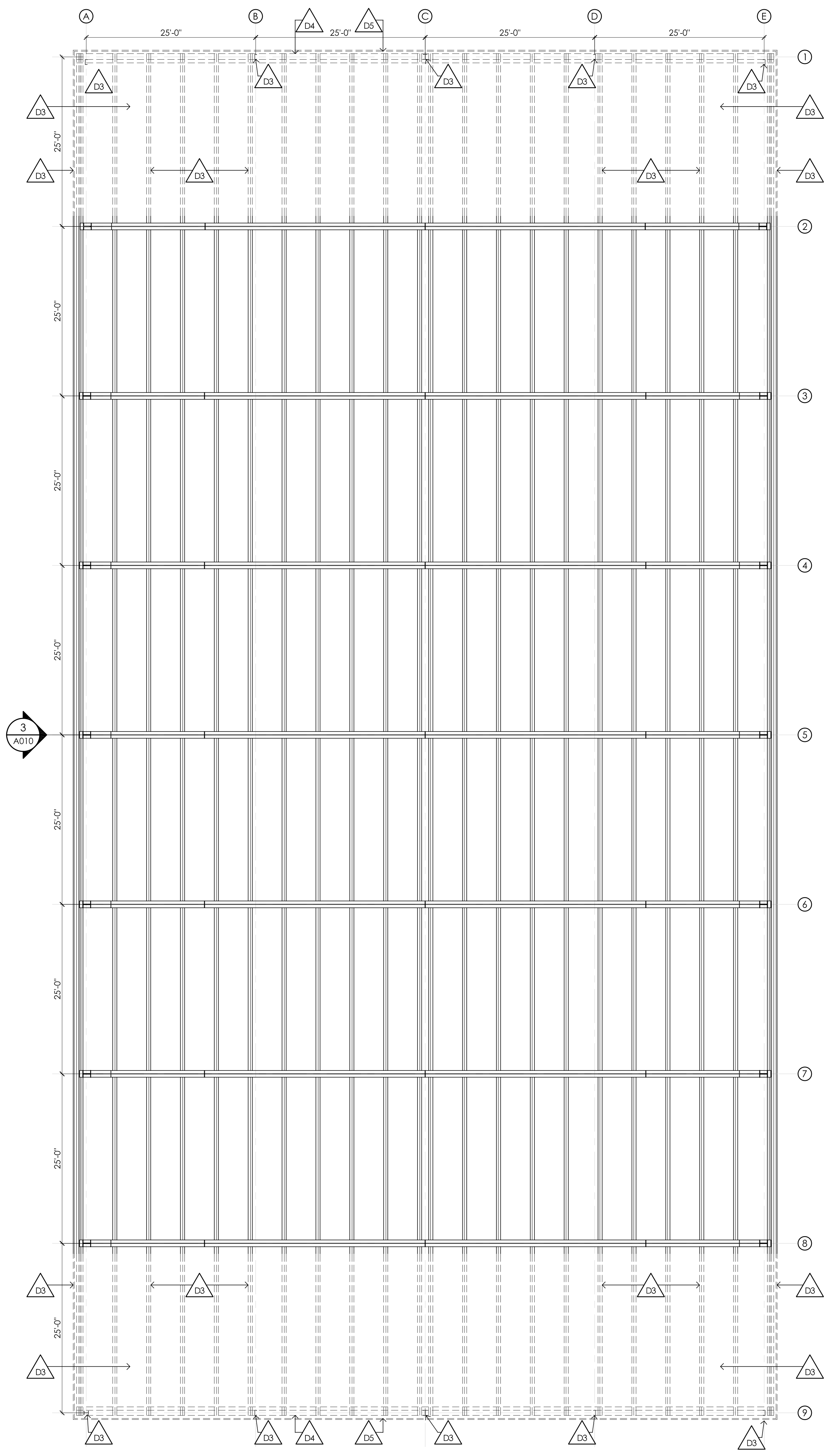
CHECKED BY SF
PLANTING PLAN

SHEET No
L140

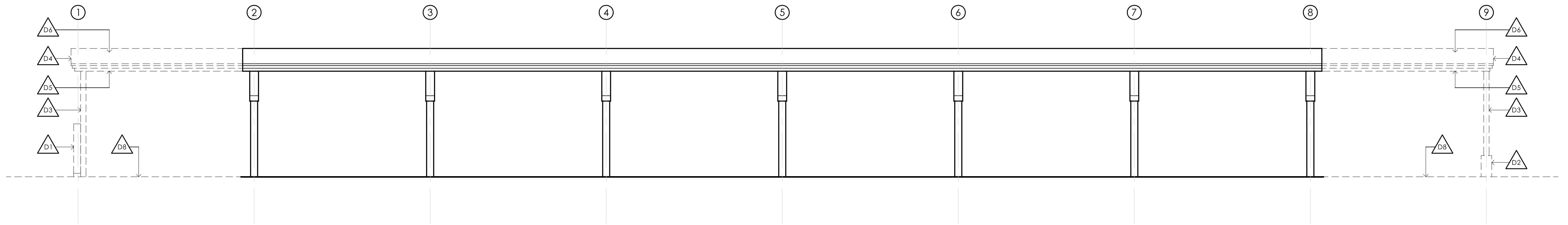


1 NORTH PAVILION DEMOLITION PLAN
A010 3/32" = 1'-0"

N



2 NORTH PAVILION RCP - DEMOLITION
A010 3/32" = 1'-0"



3 NORTH PAVILION ELEVATION - DEMOLITION
A010 3/32" = 1'-0"

GENERAL NOTES:

1. VERIFY ALL DIMENSIONS AND CONDITIONS AT PROJECT SITE. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT / ENGINEER FOR FINAL DECISION
2. ALL ITEMS LISTED FOR DEMOLITION SHALL BE RE-USED OR REMOVED COMPLETELY AND DISPOSED OF AS SPECIFIED OR AS INDICATED ON THE DRAWINGS.
3. EXERCISE EXTREME CARE DURING DEMOLITION SO AS TO NOT DAMAGE CONSTRUCTION AND OTHER STRUCTURES THAT ARE INTENDED TO REMAIN. ANYTHING DAMAGED AT THE TIME OF WORK IS TO BE REPLACED AND/OR REPAIRED TO MATCH EXISTING CONSTRUCTION AT CONTRACTOR'S EXPENSE.
4. ALL FLOOR PLANS ARE PROVIDED FOR REFERENCE ONLY. LOCATION OF STRUCTURE IS APPROXIMATE AND SHALL BE VERIFIED BY THE DEMOLITION CONTRACTOR.
5. ADDITIONAL DEMOLITION NOTES ARE INCLUDED THROUGHOUT THE DRAWINGS. REFER TO ALL OTHER PLANS, INCLUDING, BUT NOT LIMITED TO CIVIL, ENGINEERING, ETC. FOR COMPLETE SCOPE OF WORK TO BE INCLUDED.
6. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL ITEMS AND NOTES
7. REMOVE ALL ABANDONED/UNUSED ANCHORS/FASTENERS IN EXPOSED CONCRETE/STEEL STRUCTURE, WIRING, CONDUIT, AND OTHER FIXTURES NOT REQUIRED IN NEW WORK.

KEYED NOTES - DEMOLITION: △

D1	REMOVE ELECTRICAL CABINET
D2	REMOVE CONCRETE COLUMN PIER AND STEEL SUPPORT COLUMN
D3	REMOVE STEEL SUPPORT COLUMN
D4	REMOVE ALL VERTICAL METAL CLADDING AND ALL ASSOCIATED FRAMING
D5	REMOVE SHEET METAL SOFFIT
D6	REMOVE CORRUGATED METAL ROOFING ABOVE END BAYS ONLY
D7	REMOVE ALL STEEL Z-PURLINS AT END BAYS ONLY.
D8	REMOVE ASPHALT SURFACE IN AREA UNDER END BAYS ONLY
D9	EXISTING ASPHALT SURFACE BENEATH REMAINING ROOF TO BE UNDISTURBED

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DRAWN BY CLR
DRAWING TITLE
CHECKED BY MWS
NORTH PAVILION DEMOLITION PLANS

SHEET No
A010

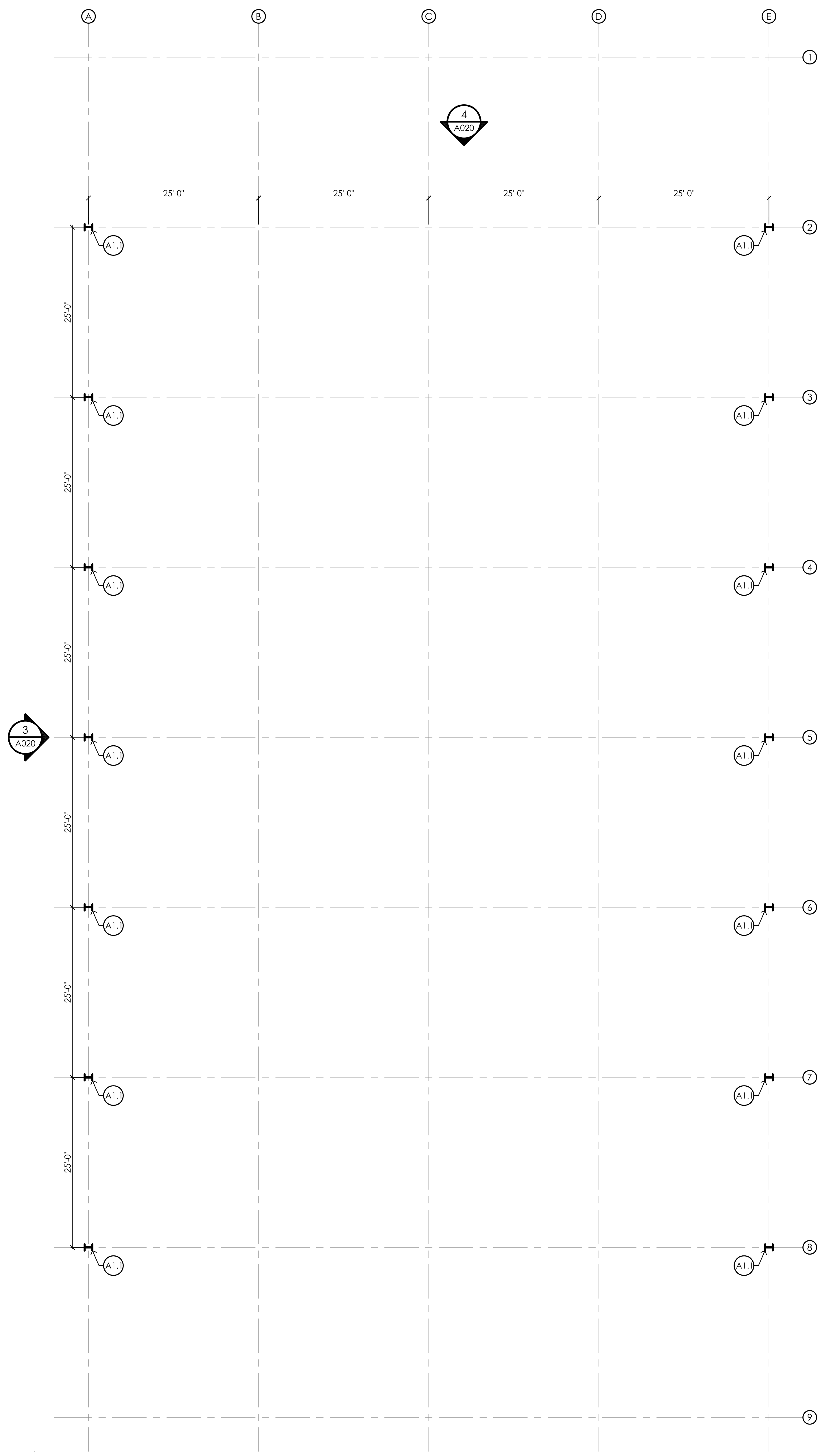
GENERAL NOTES:

1. VERIFY ALL DIMENSIONS AND CONDITIONS AT PROJECT SITE. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT / ENGINEER FOR FINAL DECISION
2. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL ITEMS AND NOTES

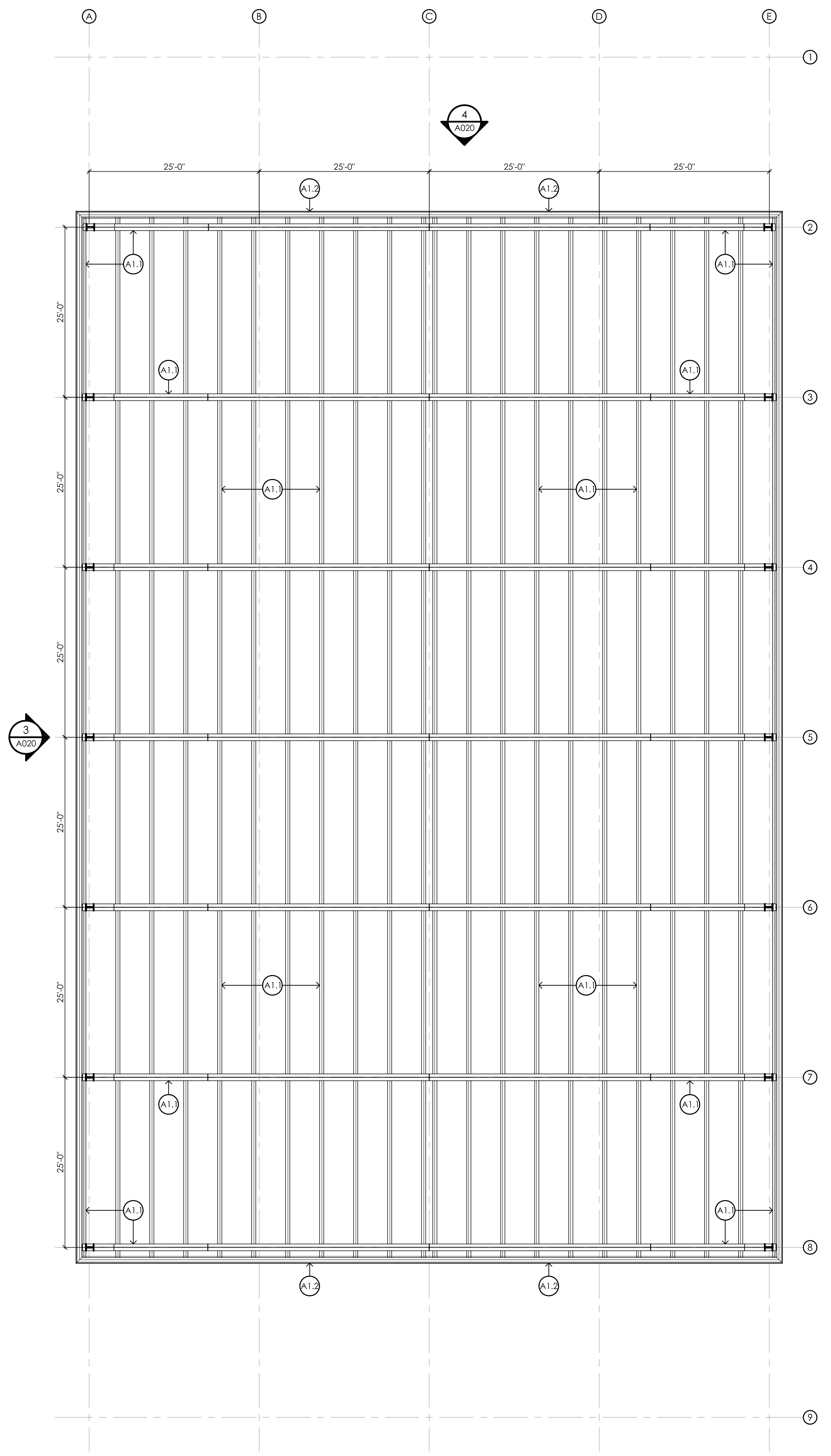
PLAN NOTES:

A1.1 PAINT ALL EXPOSED STEEL STRUCTURE, UNDERSIDE OF CORRUGATED ROOFING PANELS, ELECTRICAL CONDUIT, ETC...

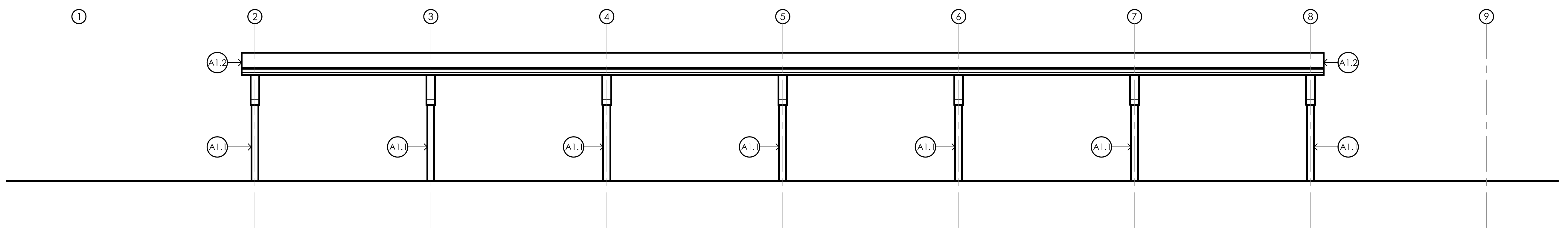
A1.2 NEW SHEET METAL SOFFIT ALONG SLOPED ROOF TO MATCH SHAPE AND COLOR OF EXISTING EAST AND WEST ROOF EDGE SOFFITS.


A
B
C
D
E
1
2
3
4
5
6
7
8
9
4
A020
3
A020
25'-0"
A1.1

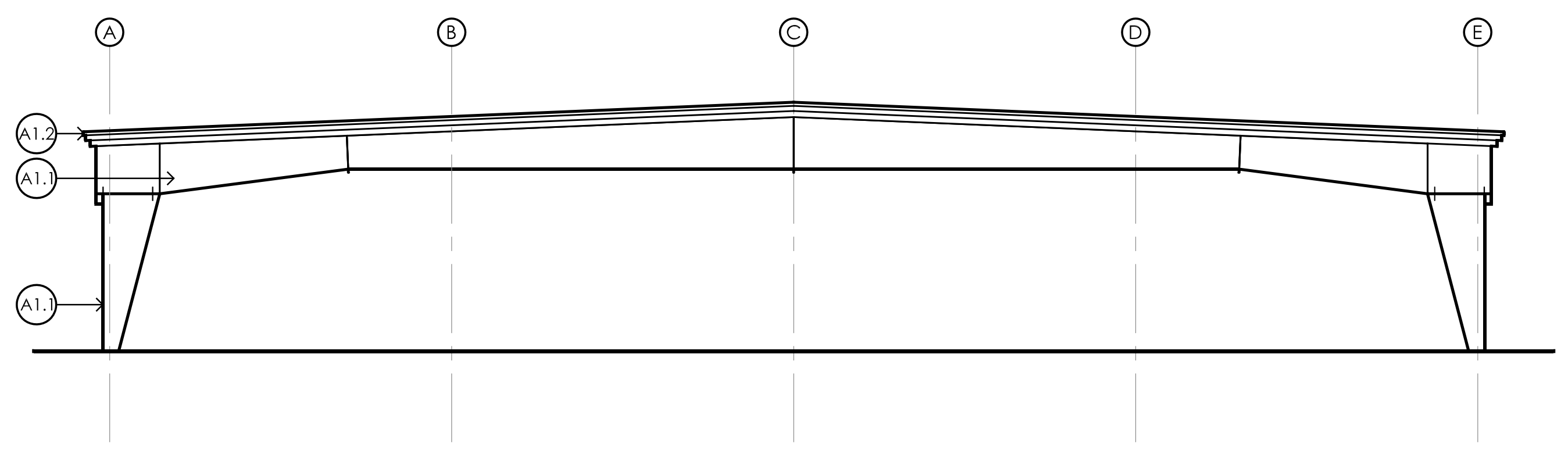
1
A020
NORTH PAVILION PLAN - NEW WORK
3/32" = 1'-0"


A
B
C
D
E
1
2
3
4
5
6
7
8
9
4
A020
3
A020
25'-0"
A1.1
A1.2

2
A020
NORTH PAVILION RCP - NEW WORK
3/32" = 1'-0"


1
2
3
4
5
6
7
8
9
A1.2
A1.1

3
A020
NORTH PAVILION WEST ELEVATION - NEW WORK
3/32" = 1'-0"


A
B
C
D
E
A1.2
A1.1

3
A020
NORTH PAVILION NORTH ELEVATION - NEW WORK
3/32" = 1'-0"

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NORTH PAVILION PLANS - NEW WORK

SHEET No
A020

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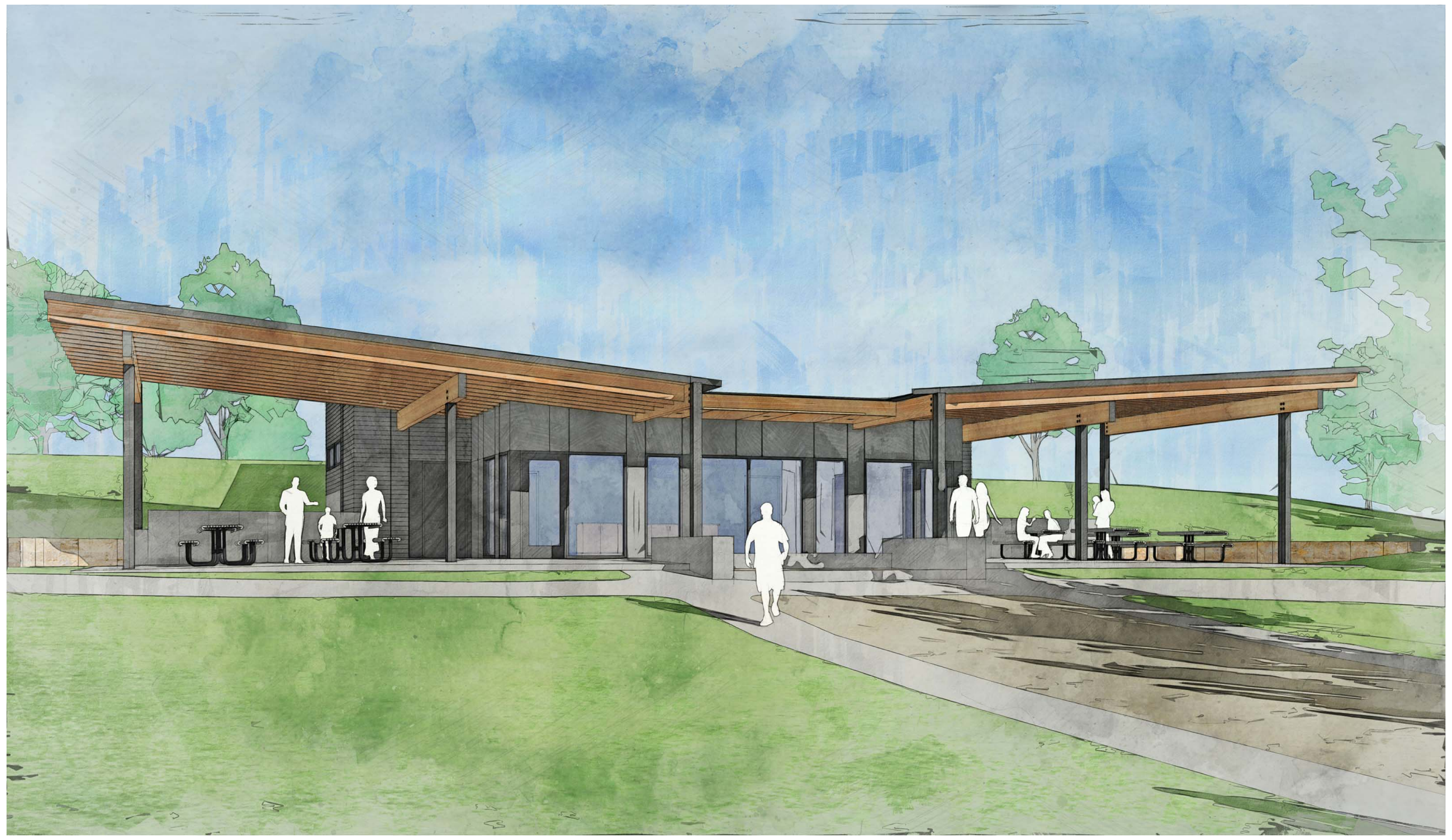
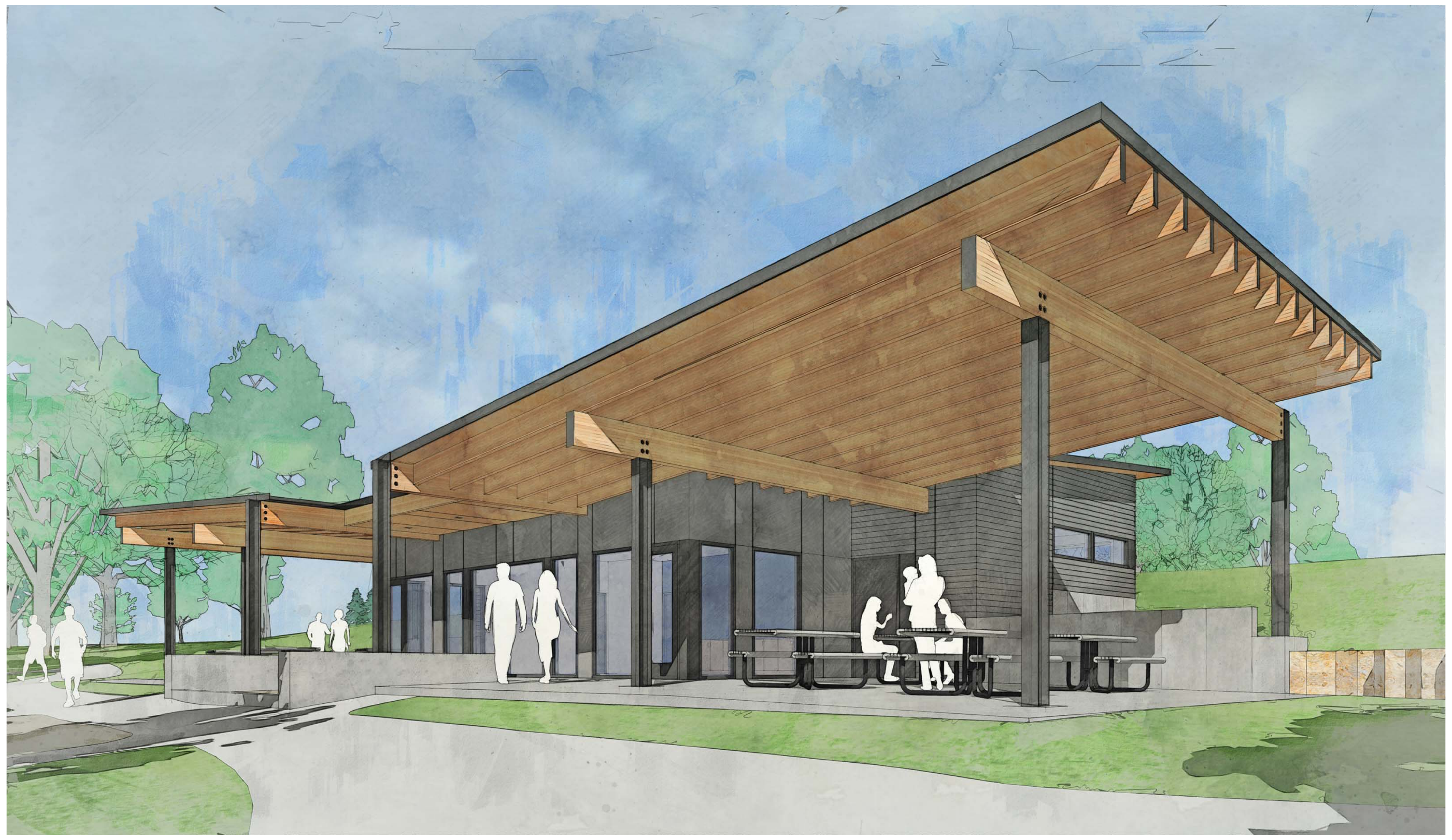
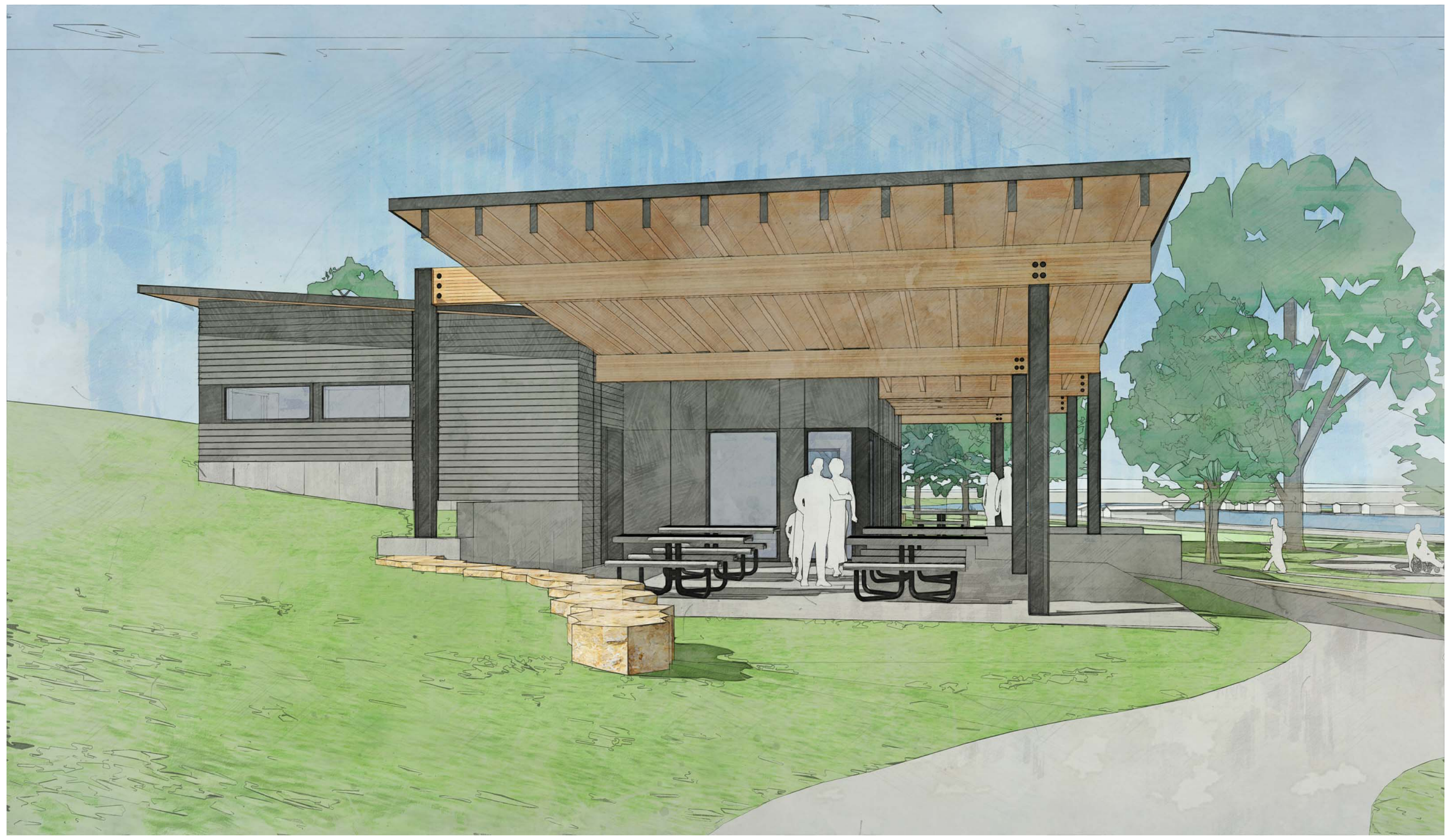


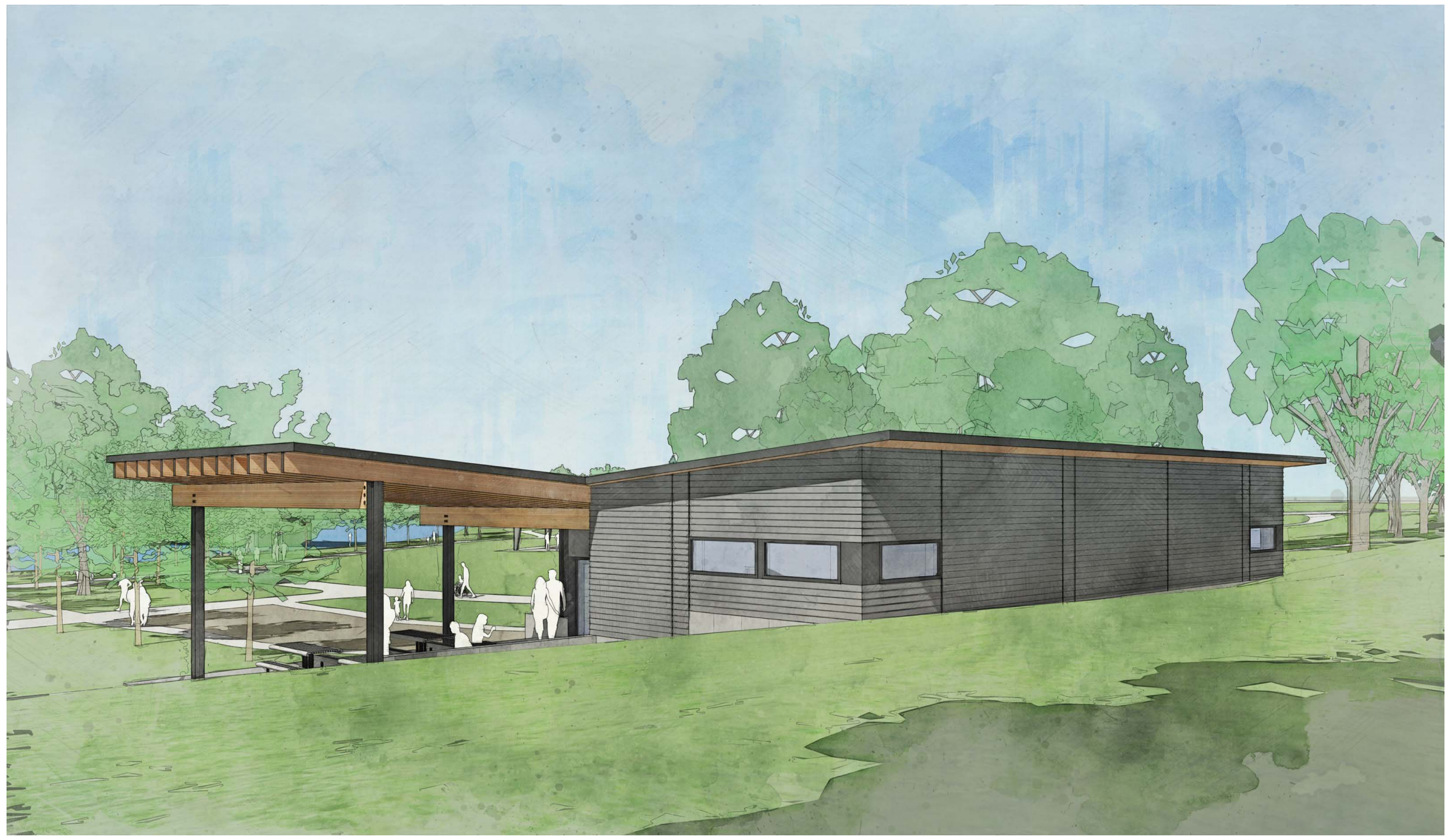
PERSPECTIVE VIEW FROM THE WEST



PERSPECTIVE VIEW FROM THE SOUTHWEST



PERSPECTIVE VIEW FROM THE NORTH



PERSPECTIVE VIEW FROM THE SOUTHEAST

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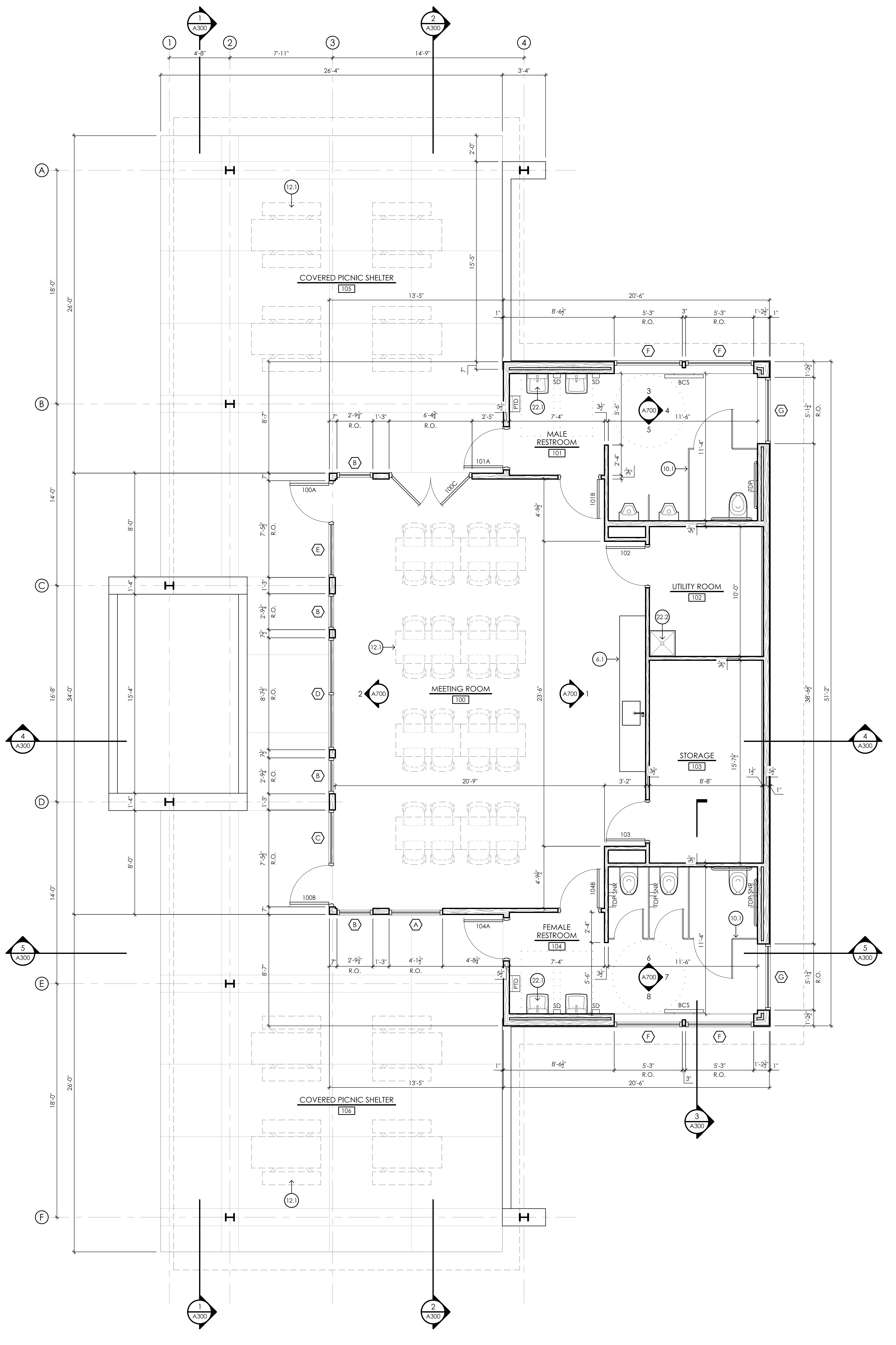
PARK SHELTER PERSPECTIVE VIEWS

SHEET No
A050



1 PARK SHELTER FLOOR PLAN
A100

1/4" = 1'-0"

ROOM MATERIAL AND FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR		BASE	WALLS								CEILING			REMARKS
					NORTH		EAST		SOUTH		WEST					
		SUBSTRATE	FINISH		SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	CLG. HT.	
100	MEETING ROOM	CONCRETE	EPOXY	EPOXY	PVC PANELS	---	PVC PANELS	---	PVC PANELS	---	PVC PANELS	---	PLYWOOD	STAINED	10'-0"	
101	MALE RESTROOM	CONCRETE	EPOXY	EPOXY	T.B.B.	TILE	PVC PANELS	---	T.B.B.	TILE	PVC PANELS	---	PLYWOOD	STAINED	10'-0"	
102	UTILITY ROOM	CONCRETE	EPOXY	EPOXY	PVC PANELS	---	PVC PANELS	---	PVC PANELS	---	PVC PANELS	---	WOOD	UNFINISHED	SLOPED	1
103	STORAGE ROOM	CONCRETE	EPOXY	EPOXY	PVC PANELS	---	PVC PANELS	---	PVC PANELS	---	PVC PANELS	---	WOOD	UNFINISHED	SLOPED	1
104	FEMALE RESTROOM	CONCRETE	EPOXY	EPOXY	T.B.B.	TILE	PVC PANELS	---	T.B.B.	TILE	PVC PANELS	---	PLYWOOD	STAINED	10'-0"	
105	COVERED PICNIC SHELTER	CONCRETE	BROOM	---	---	---	---	---	---	---	---	---	WOOD	STAINED	SLOPED	
106	COVERED PICNIC SHELTER	CONCRETE	BROOM	---	---	---	---	---	---	---	---	---	WOOD	STAINED	SLOPED	

MATERIAL ABBREVIATIONS:

ACT-X	ACOUSTICAL PANEL CEILING TILE	LVT-X	LUXURY VINYL TILE
CLR	CLEAR FINISH	P-X	PAINT
CMU	CONCRETE MASONRY UNIT	PT-X	PORCELAIN TILE
CONC.	CONCRETE	S.C.	SKIM COAT
CPT-X	CARPET	SVT-X	SOLID VINYL TILE
FRP-X	FIBER REINFORCED PANEL	T.B.B.	TILE BACKER BOARD
GWB	GYPSUM WALL BOARD	VB-X	VINYL BASE

FINISH SCHEDULE REMARKS:

1. OPEN STRUCTURE CEILING TO BE UNFINISHED (WOOD FRAMING / PLYWOOD ROOF DECKING)

GENERAL NOTES:

1. VERIFY ALL DIMENSIONS AND CONDITIONS AT PROJECT SITE. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT / ENGINEER FOR FINAL DECISION
2. SEE SHEET A110 FOR REFLECTED CEILING PLAN
3. SEE SHEET A600 FOR ROOM FINISH SCHEDULE, DOOR AND HARDWARE SCHEDULE, AND PARTITION TYPES
4. DIMENSIONS ON FLOOR PLANS ARE TAKEN FROM FACE OF FRAMING/MASONRY, UNLESS NOTED OTHERWISE
5. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL ITEMS AND NOTES
6. PROVIDE BLOCKING FOR ALL WALL AND CEILING MOUNTED ACCESSORIES INCLUDING, BUT NOT LIMITED TO CASEWORK, COAT HOOKS, TOILET ACCESSORIES, FIRE EXTINGUISHERS, SIGNAGE AND ANY OTHER OWNER-PROVIDED EQUIPMENT AND ACCESSORIES
7. VERIFY WITH OWNER THE EXACT HEIGHT AND LOCATION OF ALL WALL MOUNTED AND CEILING MOUNTED EQUIPMENT
8. ALL MECHANICAL, PLUMBING, & ELECTRICAL PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE SLEEVED AND FIRESTOPPED AND/OR HAVE FIRE DAMPERS EQUIVALENT TO THE FIRE RATING OF THE CONSTRUCTION
9. ALL PARTITION WALLS EXTEND TO STRUCTURE ABOVE UNLESS OTHERWISE NOTED

KEYED NOTES:

6.1	PLASTIC LAMINATE BASE CABINETS AND COUNTERTOP
10.1	SOLID HDPE TOILET COMPARTMENTS - FLOOR MOUNTED, OVERHEAD BRACED
12.1	OWNER-SUPPLIED FURNISHINGS (NOT-IN-CONTRACT)
22.1	WALL-HUNG SINK - REFER TO PLUMBING DRAWINGS
22.2	MOP SINK W/ 12" HIGH S.S. WALL GUARDS - REFER TO PLUMBING DRAWINGS
32.1	4" THICK CONCRETE PAVEMENT - REFER TO STRUCTURAL DRAWINGS

EQUIPMENT ABBREVIATIONS:

BCS	BABY CHANGING STATION
CH	COAT HOOK
EHD	ELECTRIC HAND DRYER
EWC	ELECTRIC WATER COOLER
FEC	RECESSED FIRE EXTINGUISHER CABINET
FE	FIRE EXTINGUISHER
GB	GRAB BAR
PTD	PAPER TOWEL DISPENSER - SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR
RH	ROBE HOOK
SD	SOAP DISPENSER - SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR
SNR	SANITARY NAPKIN RECEPTACLE
SRC	SHOWER ROD AND CURTAIN
TPD	TOILET PAPER DISPENSER - SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR
WR	WASTE RECEPTACLE - SUPPLIED BY OWNER

TOILET ACCESSORIES RESPONSIBILITY:

OWNER SUPPLIED / OWNER INSTALLED:
- WASTE RECEPTACLES

OWNER SUPPLIED / CONTRACTOR INSTALLED:
- PAPER TOWEL DISPENSERS
- SOAP DISPENSERS
- TOILET PAPER DISPENSERS
- SHARPS CONTAINTERS

CONTRACTOR SUPPLIED / CONTRACTOR INSTALLED:
- GRAB BARS
- MIRRORS
- BABY CHANGING STATIONS
- SANITARY NAPKIN RECEPTACLE UNITS

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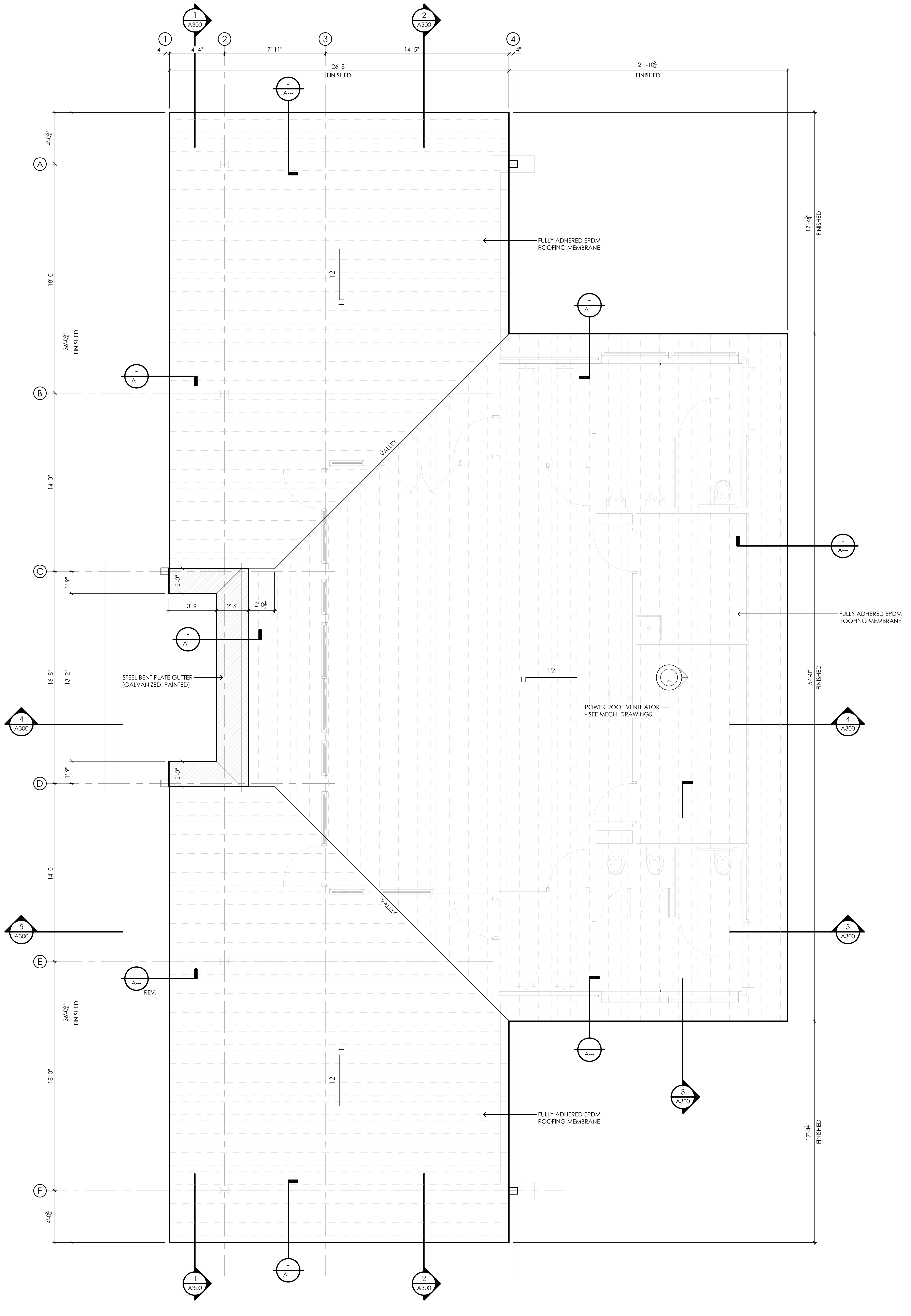
COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

DATE 04/17/26
DRAWN BY CLR
CHECKED BY MWS
PROJECT No 1626
DRAWING TITLE
PARK SHELTER FLOOR PLAN, FINISH SCHEDULE

SHEET No
A100


1 A300
2 A300
1
2
3
4
4"
4'-4"
7'-11"
14'-5"
26'-8" FINISHED
21'-10½" FINISHED
A
B
C
D
E
F
4'-0½"
18'-0"
36'-0½" FINISHED
14'-0"
1'-9"
16'-8"
13'-2"
17'-4½" FINISHED
54'-0" FINISHED
FULLY ADHERED EPDM ROOFING MEMBRANE
12
1
VALLEY
2'-0"
3'-9"
2'-6"
2'-0½"
STEEL BENT PLATE GUTTER (GALVANIZED, PAINTED)
4 A300
5 A300
3 A300
POWER ROOF VENTILATOR - SEE MECH. DRAWINGS
- A--
REV.
N

1 A101 PARK SHELTER ROOF PLAN

1/4" = 1'-0"

GENERAL NOTES - ROOF PLAN:

1. DIMENSIONS ON ROOF PLAN ARE TAKEN FROM FINISHED OUTSIDE FACE OF FASCIA BOARDS
2. PROVIDE SLOPED CRICKET ON HIGH SIDE OF ROOF MOUNTED EQUIPMENT CURBS
3. PROVIDE PIPE AND VENT FLASHING AROUND ROOF PENETRATIONS

KEYED NOTES: ○

river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

PRELIMINARY

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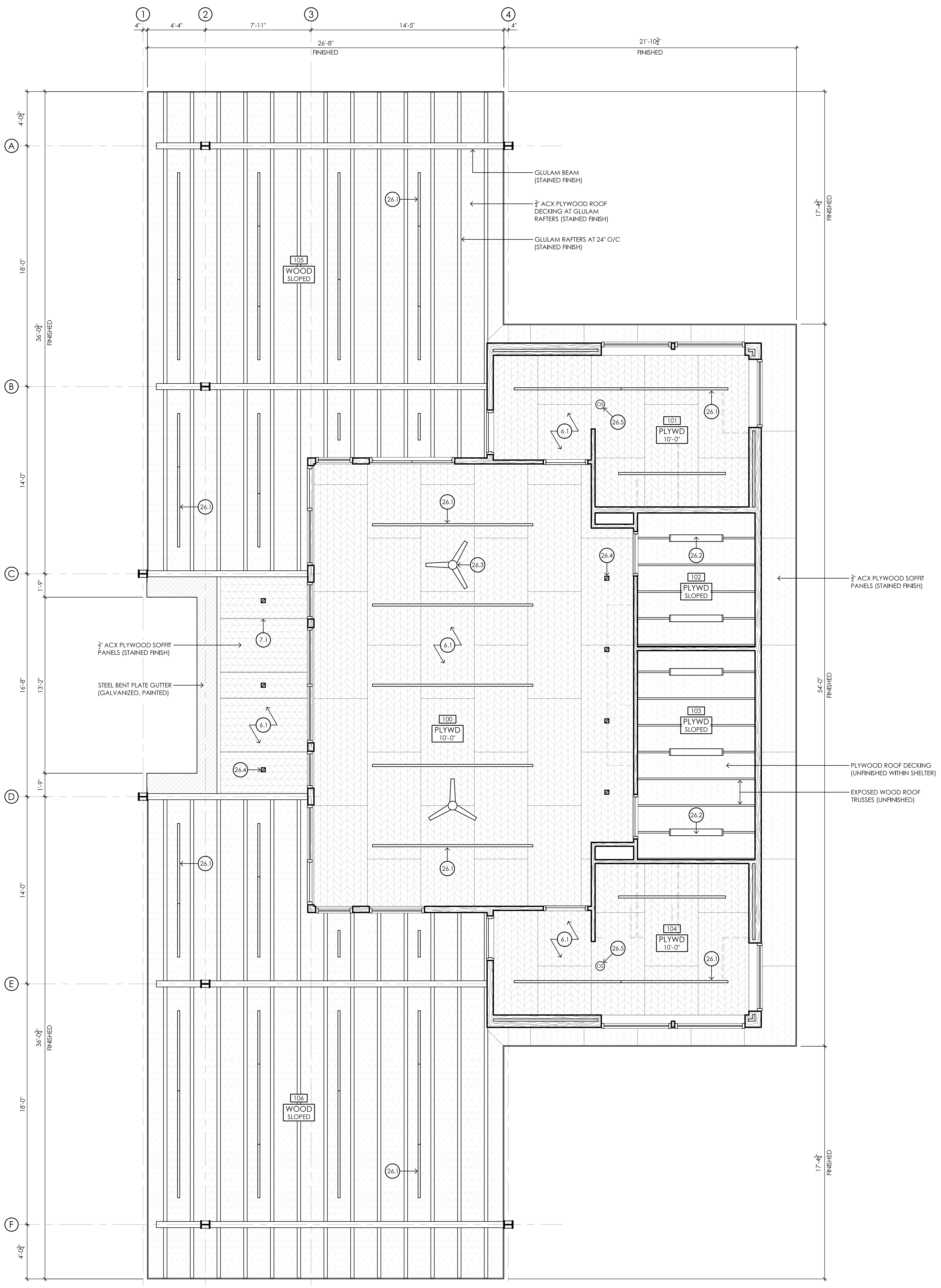
DRAWING TITLE PARK SHELTER ROOF PLAN

SHEET No
A101


1
2
3
4
4"
4'-4"
7'-11"
14'-5"
26'-8"
FINISHED
21'-10¾"
FINISHED
A
B
C
D
E
F
4'-0¾"
18'-0"
36'-0¾"
FINISHED
14'-0"
1'-9"
16'-8"
13'-2"
17'-4¾"
FINISHED
54'-0"
FINISHED
GLULAM BEAM
(STAINED FINISH)
¾" ACX PLYWOOD ROOF
DECKING AT GLULAM
RAFTERS (STAINED FINISH)
GLULAM RAFTERS AT 24" O/C
(STAINED FINISH)
½" ACX PLYWOOD SOFFIT
PANELS (STAINED FINISH)
STEEL BENT PLATE GUTTER
(GALVANIZED, PAINTED)
¾" ACX PLYWOOD SOFFIT
PANELS (STAINED FINISH)
PLYWOOD ROOF DECKING
(UNFINISHED WITHIN SHELTER)
EXPOSED WOOD ROOF
TRUSSES (UNFINISHED)
105 WOOD SLOPED
106 WOOD SLOPED
100 PLYWD 10'-0"
101 PLYWD 10'-0"
102 PLYWD SLOPED
103 PLYWD SLOPED
104 PLYWD 10'-0"
26.1
26.2
26.3
26.4
26.5
6.1
7.1

1 PARK SHELTER REFLECTED CEILING PLAN
A110

1/4" = 1'-0"

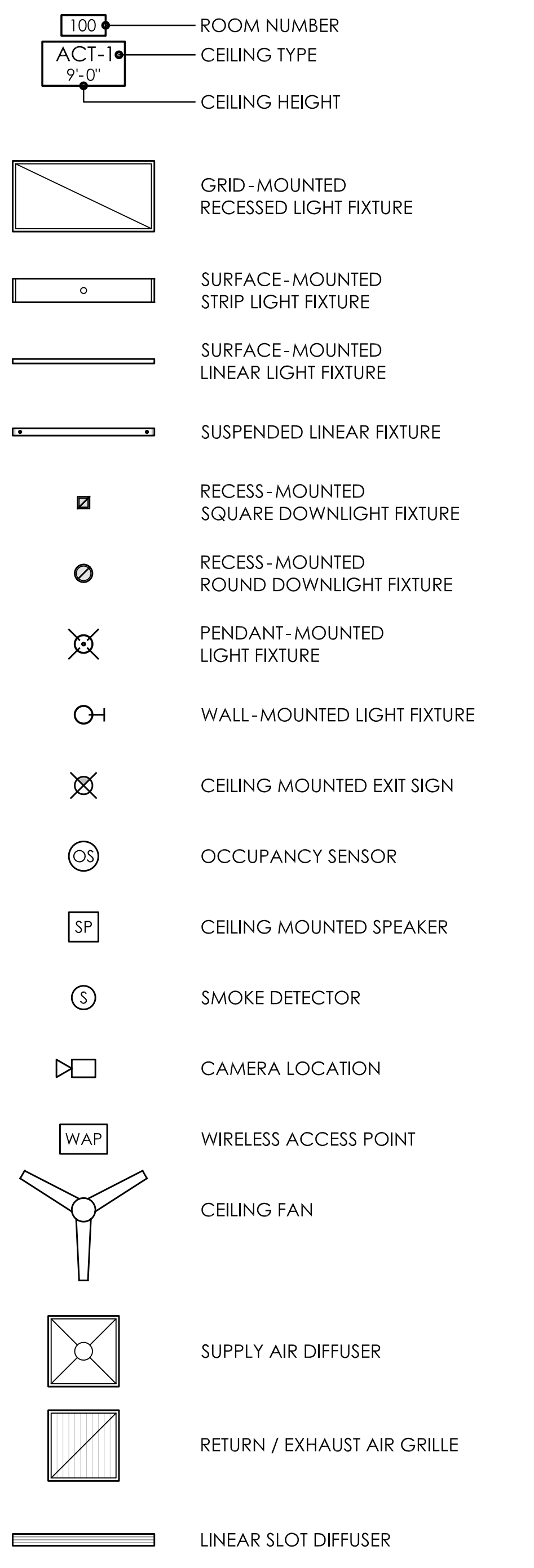
GENERAL NOTES - CEILING PLAN:

1. VERIFY ALL DIMENSIONS AND CONDITIONS AT PROJECT SITE. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR FINAL DECISION
2. CEILING HEIGHT ELEVATIONS ARE REFERENCED FROM THE FLOOR SLAB OF EACH SPACE TO THE UNDERSIDE OF CEILING / ROOF FRAMING MEMBERS
3. DIMENSIONS ARE TAKEN FROM FACE OF FRAMING MEMBERS / MASONRY, UNLESS NOTED OTHERWISE
4. PAINT ALL EXPOSED ELECTRICAL CONDUIT / EQUIPMENT TO MATCH THE ADJACENT WALL OR FINISHES
5. REFLECTED CEILING PLANS ILLUSTRATE CEILING LAYOUT ONLY. REFER TO ELECTRICAL DRAWINGS FOR SMOKE DETECTORS, EXIT SIGNS, HORN STROBES, AND OTHER RELATED SAFETY INFORMATION NOT SHOWN ON THIS PLAN
6. REFER TO MEP DRAWINGS, SPECIFICATIONS, AND SCHEDULES FOR TYPES AND QUANTITIES OF FIXTURES AND EQUIPMENT SHOWN ON THIS PLAN
7. VERIFY SIZE, LOCATION, AND QUANTITY OF ACCESS PANELS WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION
8. ALL RECESSED LIGHTS, SPEAKERS, OCCUPANCY SENSORS, ETC. SHALL BE CENTERED BETWEEN EXPOSED RAFTERS OR IN CEILING TILES UNLESS OTHERWISE NOTED
9. ALL METAL LINEAR DIFFUSERS AND SHOP PRIMED ACCESS PANELS SHALL BE PAINTED TO MATCH SURROUNDING WALL OR CEILING FINISHES
10. DETAIL CALL-OUTS SHOWN ON THE REFLECTED CEILING PLANS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS NOTED OTHERWISE

KEYED NOTES:

6.1	1/2" AC PLYWOOD CEILING PANELS (STAINED FINISH) - SPACE FASTENERS EQUALLY & ALIGN THEM WITH THOSE ON ADJACENT PANEL EDGES
7.1	ALUMINUM REVEAL TRIM - FRY REGLET #FCP-VERTLP50
23.1	MECHANICAL RETURN / EXHAUST GRILLE - REFER TO MECHANICAL DRAWINGS
26.1	SURFACE-MOUNTED LINEAR LIGHT FIXTURE, TYPICAL. ALL ELECTRICAL CONDUIT TO BE RUN ABOVE ROOF DECKING WITHIN FURRING SPACE (NO EXPOSED CONDUIT) - REFER TO ELECTRICAL DRAWINGS
26.2	SURFACE-MOUNTED STRIP LIGHT FIXTURE, TYPICAL. - REFER TO ELECTRICAL DRAWINGS
26.3	CEILING FAN, TYPICAL - REFER TO ELECTRICAL DRAWINGS
26.4	RECESS-MOUNTED DOWNLIGHT FIXTURE, TYPICAL
26.5	OCCUPANCY SENSOR, TYPICAL - REFER TO ELECTRICAL

CEILING PLAN SYMBOL KEY:


100
ACT-1
9'-0"
ROOM NUMBER
CEILING TYPE
CEILING HEIGHT
GRID-MOUNTED RECESSED LIGHT FIXTURE
SURFACE-MOUNTED STRIP LIGHT FIXTURE
SURFACE-MOUNTED LINEAR LIGHT FIXTURE
SUSPENDED LINEAR FIXTURE
RECESS-MOUNTED SQUARE DOWNLIGHT FIXTURE
RECESS-MOUNTED ROUND DOWNLIGHT FIXTURE
PENDANT-MOUNTED LIGHT FIXTURE
WALL-MOUNTED LIGHT FIXTURE
CEILING MOUNTED EXIT SIGN
OS
OCCUPANCY SENSOR
SP
CEILING MOUNTED SPEAKER
S
SMOKE DETECTOR
CAMERA LOCATION
WAP
WIRELESS ACCESS POINT
CEILING FAN
SUPPLY AIR DIFFUSER
RETURN / EXHAUST AIR GRILLE
LINEAR SLOT DIFFUSER

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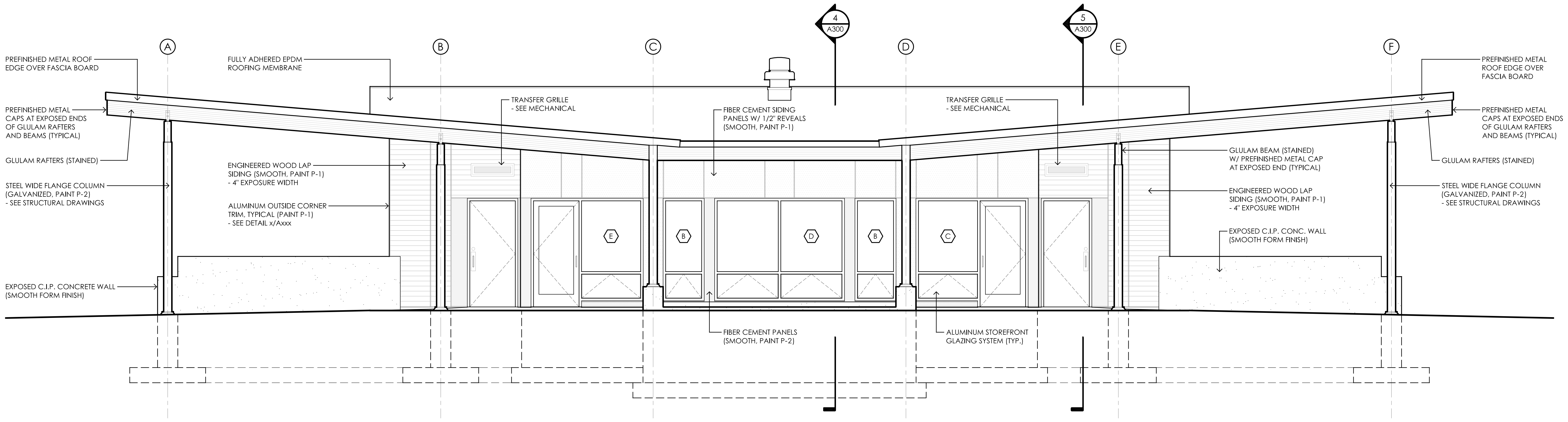
PARK SHELTER REFLECTED CEILING PLAN

SHEET No
A110


A
B
C
D
E
F
4
A300
5
A300
PREFINISHED METAL ROOF EDGE OVER FASCIA BOARD
PREFINISHED METAL CAPS AT EXPOSED ENDS OF GLULAM RAFTERS AND BEAMS (TYPICAL)
GLULAM RAFTERS (STAINED)
STEEL WIDE FLANGE COLUMN (GALVANIZED, PAINT P-2) - SEE STRUCTURAL DRAWINGS
EXPOSED C.I.P. CONCRETE WALL (SMOOTH FORM FINISH)
FULLY ADHERED EPDM ROOFING MEMBRANE
ENGINEERED WOOD LAP SIDING (SMOOTH, PAINT P-1) - 4" EXPOSURE WIDTH
ALUMINUM OUTSIDE CORNER TRIM, TYPICAL (PAINT P-1) - SEE DETAIL x/Axxx
TRANSFER GRILLE - SEE MECHANICAL
FIBER CEMENT SIDING PANELS W/ 1/2" REVEALS (SMOOTH, PAINT P-1)
TRANSFER GRILLE - SEE MECHANICAL
E
B
D
B
C
FIBER CEMENT PANELS (SMOOTH, PAINT P-2)
ALUMINUM STOREFRONT GLAZING SYSTEM (TYP.)
PREFINISHED METAL ROOF EDGE OVER FASCIA BOARD
PREFINISHED METAL CAPS AT EXPOSED ENDS OF GLULAM RAFTERS AND BEAMS (TYPICAL)
GLULAM BEAM (STAINED) W/ PREFINISHED METAL CAP AT EXPOSED END (TYPICAL)
GLULAM RAFTERS (STAINED)
ENGINEERED WOOD LAP SIDING (SMOOTH, PAINT P-1) - 4" EXPOSURE WIDTH
STEEL WIDE FLANGE COLUMN (GALVANIZED, PAINT P-2) - SEE STRUCTURAL DRAWINGS
EXPOSED C.I.P. CONC. WALL (SMOOTH FORM FINISH)

1
A200
WEST ELEVATION
1/4" = 1'-0"

MATERIAL SYMBOL LEGEND:

▤	ENGINEERED WOOD LAP SIDING (SMOOTH TEXTURE, PAINT P-1) - 4" EXPOSURE WIDTH
□	FIBER CEMENT SIDING PANELS (SMOOTH TEXTURE, PAINT P-1)
▒	FIBER CEMENT SIDING PANELS (SMOOTH TEXTURE, PAINT P-2)
⁖	EXPOSED CAST-IN-PLACE CONCRETE (SMOOTH FORM FINISH)

SIDING METAL TRIM ACCESSORY PROFILES:

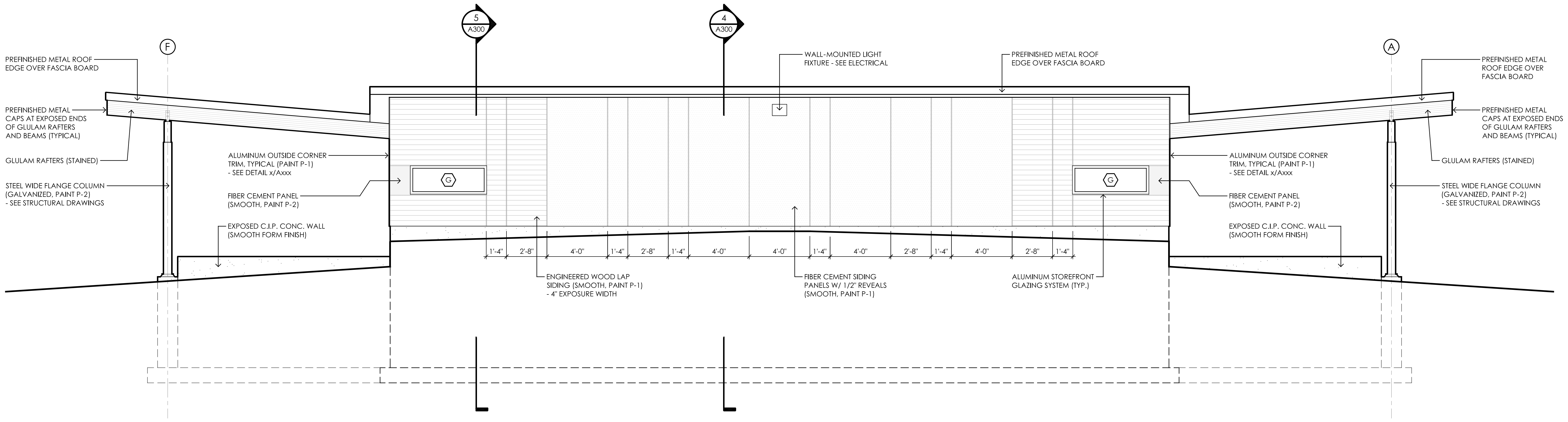
PREFABRICATED, EXTRUDED ALUMINUM UNITS FOR SIDING JOINTS AND TRANSITIONS, PAINTED TO MATCH ADJACENT SIDING PRODUCT(S) AS INDICATED ON THE DRAWINGS

MANUF. / MODEL BASIS OF DESIGN: TAMLYN, XTREMETRIM

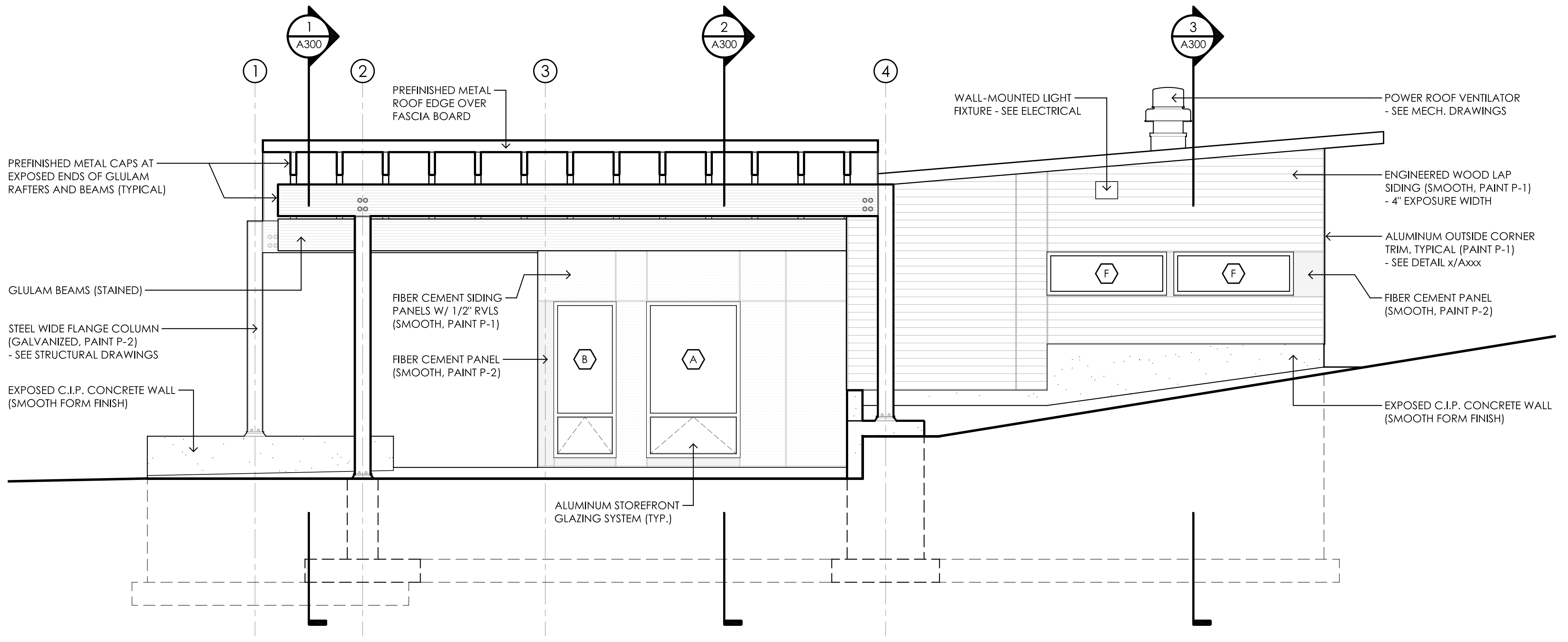
OUTSIDE CORNER TRIM:
- ENGINEERED WOOD LAP SIDING: #XOCR34M
- FIBER CEMENT PANEL SIDING: #XOCR516M

VERTICAL REVEAL TRIM:
- ENGINEERED WOOD LAP SIDING: #BRV121
- FIBER CEMENT PANEL SIDING: #BRV12516

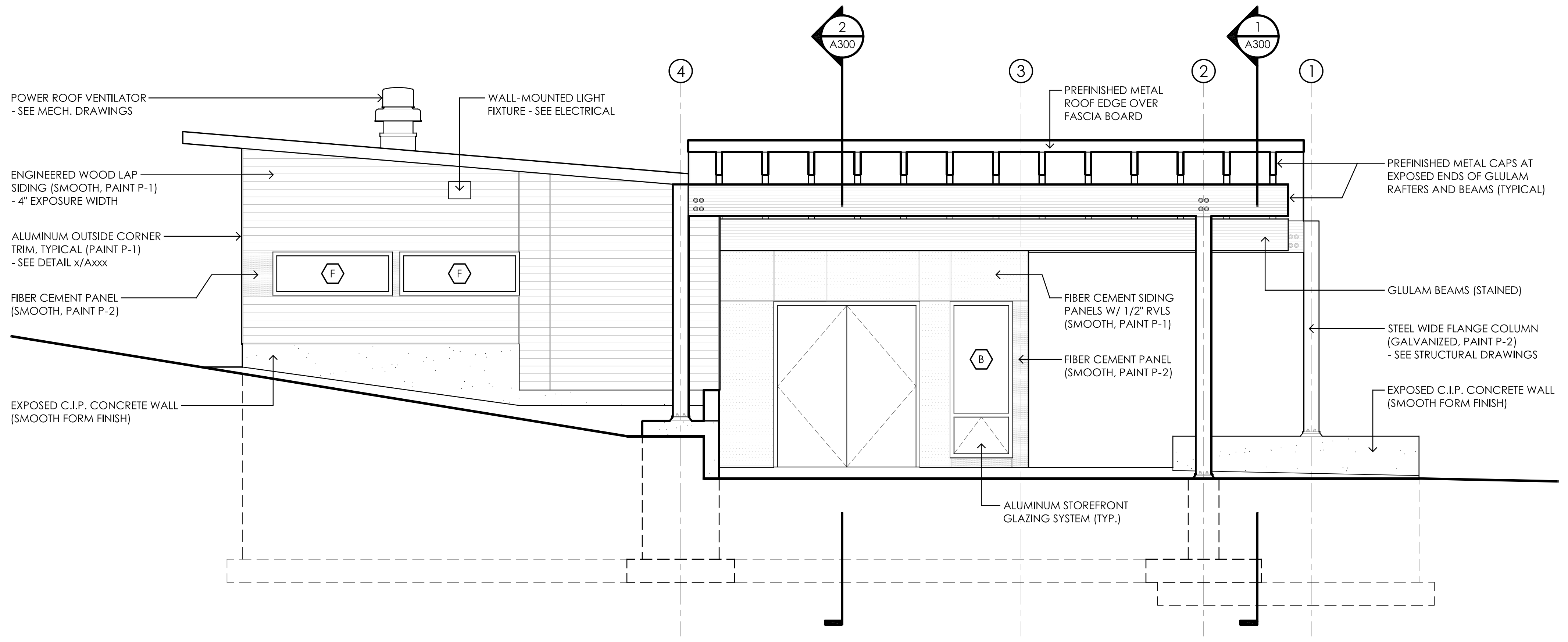
HORIZONTAL REVEAL TRIM:
- ENGINEERED WOOD LAP SIDING: #XZH58
- FIBER CEMENT PANEL SIDING: #XZS7168


F
A
5
A300
4
A300
PREFINISHED METAL ROOF EDGE OVER FASCIA BOARD
PREFINISHED METAL CAPS AT EXPOSED ENDS OF GLULAM RAFTERS AND BEAMS (TYPICAL)
GLULAM RAFTERS (STAINED)
STEEL WIDE FLANGE COLUMN (GALVANIZED, PAINT P-2) - SEE STRUCTURAL DRAWINGS
ALUMINUM OUTSIDE CORNER TRIM, TYPICAL (PAINT P-1) - SEE DETAIL x/Axxx
FIBER CEMENT PANEL (SMOOTH, PAINT P-2)
EXPOSED C.I.P. CONC. WALL (SMOOTH FORM FINISH)
G
WALL-MOUNTED LIGHT FIXTURE - SEE ELECTRICAL
PREFINISHED METAL ROOF EDGE OVER FASCIA BOARD
1'-4"
2'-8"
4'-0"
1'-4"
2'-8"
1'-4"
4'-0"
4'-0"
1'-4"
4'-0"
2'-8"
1'-4"
4'-0"
2'-8"
1'-4"
ENGINEERED WOOD LAP SIDING (SMOOTH, PAINT P-1) - 4" EXPOSURE WIDTH
FIBER CEMENT SIDING PANELS W/ 1/2" REVEALS (SMOOTH, PAINT P-1)
ALUMINUM STOREFRONT GLAZING SYSTEM (TYP.)
G
ALUMINUM OUTSIDE CORNER TRIM, TYPICAL (PAINT P-1) - SEE DETAIL x/Axxx
FIBER CEMENT PANEL (SMOOTH, PAINT P-2)
EXPOSED C.I.P. CONC. WALL (SMOOTH FORM FINISH)
PREFINISHED METAL ROOF EDGE OVER FASCIA BOARD
PREFINISHED METAL CAPS AT EXPOSED ENDS OF GLULAM RAFTERS AND BEAMS (TYPICAL)
GLULAM RAFTERS (STAINED)
STEEL WIDE FLANGE COLUMN (GALVANIZED, PAINT P-2) - SEE STRUCTURAL DRAWINGS

2
A200
EAST ELEVATION
1/4" = 1'-0"


1
2
3
4
1
A300
2
A300
3
A300
PREFINISHED METAL ROOF EDGE OVER FASCIA BOARD
PREFINISHED METAL CAPS AT EXPOSED ENDS OF GLULAM RAFTERS AND BEAMS (TYPICAL)
GLULAM BEAMS (STAINED)
STEEL WIDE FLANGE COLUMN (GALVANIZED, PAINT P-2) - SEE STRUCTURAL DRAWINGS
EXPOSED C.I.P. CONCRETE WALL (SMOOTH FORM FINISH)
FIBER CEMENT SIDING PANELS W/ 1/2" RVLS (SMOOTH, PAINT P-1)
FIBER CEMENT PANEL (SMOOTH, PAINT P-2)
B
A
ALUMINUM STOREFRONT GLAZING SYSTEM (TYP.)
WALL-MOUNTED LIGHT FIXTURE - SEE ELECTRICAL
POWER ROOF VENTILATOR - SEE MECH. DRAWINGS
ENGINEERED WOOD LAP SIDING (SMOOTH, PAINT P-1) - 4" EXPOSURE WIDTH
ALUMINUM OUTSIDE CORNER TRIM, TYPICAL (PAINT P-1) - SEE DETAIL x/Axxx
F
F
FIBER CEMENT PANEL (SMOOTH, PAINT P-2)
EXPOSED C.I.P. CONCRETE WALL (SMOOTH FORM FINISH)

3
A200
SOUTH ELEVATION
1/4" = 1'-0"


4
3
2
1
2
A300
1
A300
POWER ROOF VENTILATOR - SEE MECH. DRAWINGS
WALL-MOUNTED LIGHT FIXTURE - SEE ELECTRICAL
ENGINEERED WOOD LAP SIDING (SMOOTH, PAINT P-1) - 4" EXPOSURE WIDTH
ALUMINUM OUTSIDE CORNER TRIM, TYPICAL (PAINT P-1) - SEE DETAIL x/Axxx
F
F
FIBER CEMENT PANEL (SMOOTH, PAINT P-2)
EXPOSED C.I.P. CONCRETE WALL (SMOOTH FORM FINISH)
PREFINISHED METAL ROOF EDGE OVER FASCIA BOARD
PREFINISHED METAL CAPS AT EXPOSED ENDS OF GLULAM RAFTERS AND BEAMS (TYPICAL)
GLULAM BEAMS (STAINED)
FIBER CEMENT SIDING PANELS W/ 1/2" RVLS (SMOOTH, PAINT P-1)
B
FIBER CEMENT PANEL (SMOOTH, PAINT P-2)
STEEL WIDE FLANGE COLUMN (GALVANIZED, PAINT P-2) - SEE STRUCTURAL DRAWINGS
EXPOSED C.I.P. CONCRETE WALL (SMOOTH FORM FINISH)
ALUMINUM STOREFRONT GLAZING SYSTEM (TYP.)

4
A200
NORTH ELEVATION
1/4" = 1'-0"

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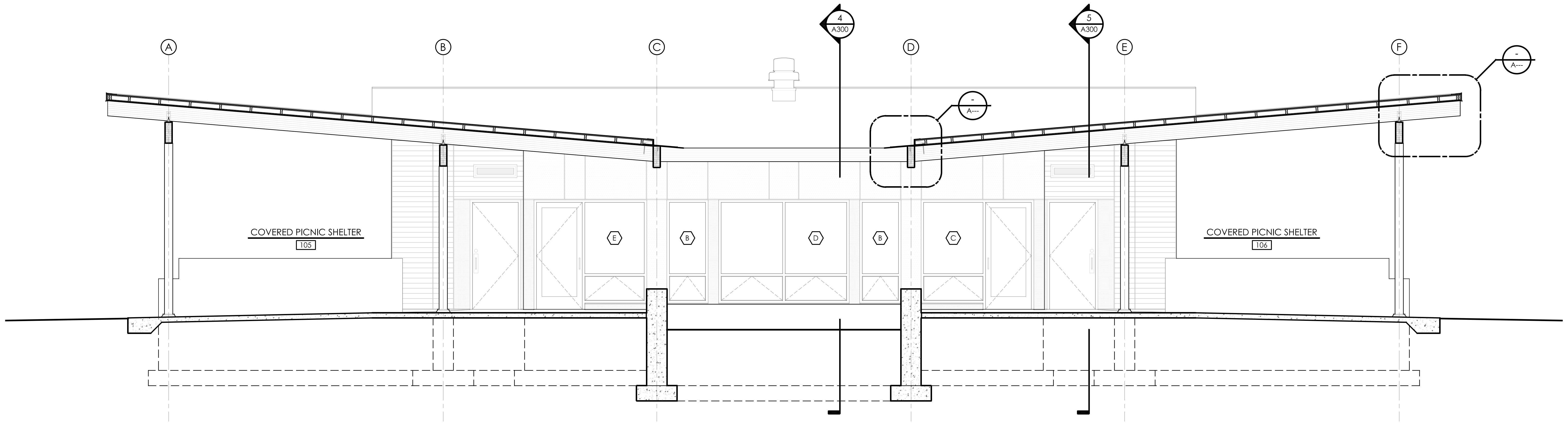
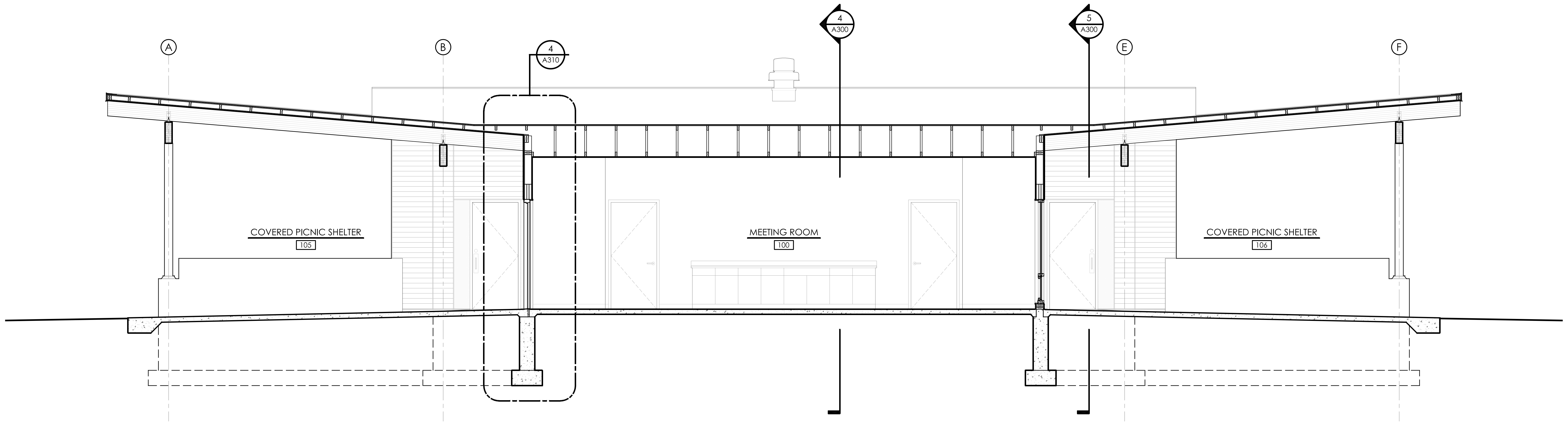
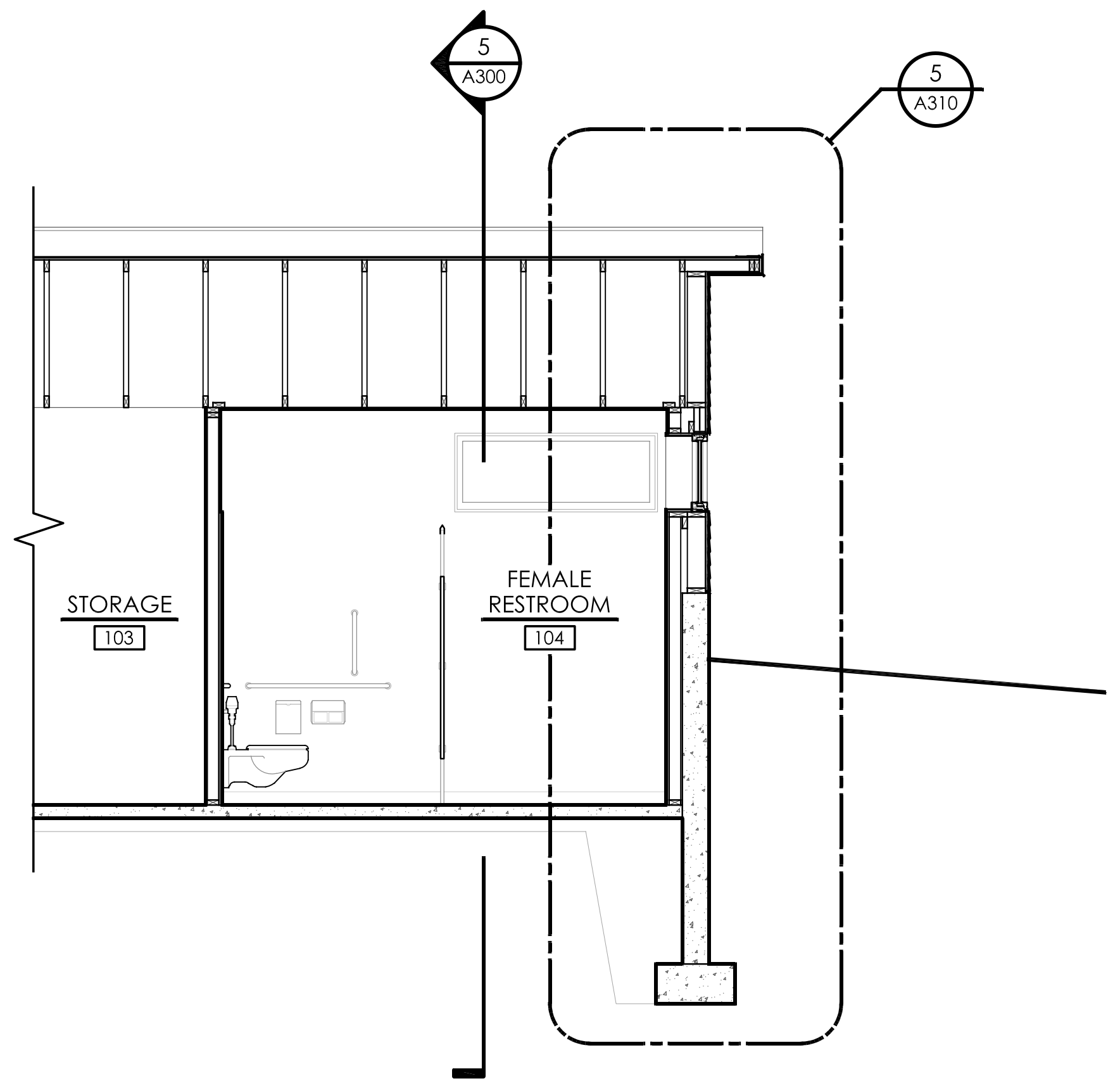
SHEET No
A200


4
A300
5
A300
A
B
C
D
E
F
COVERED PICNIC SHELTER
105
COVERED PICNIC SHELTER
106
E
B
D
B
C

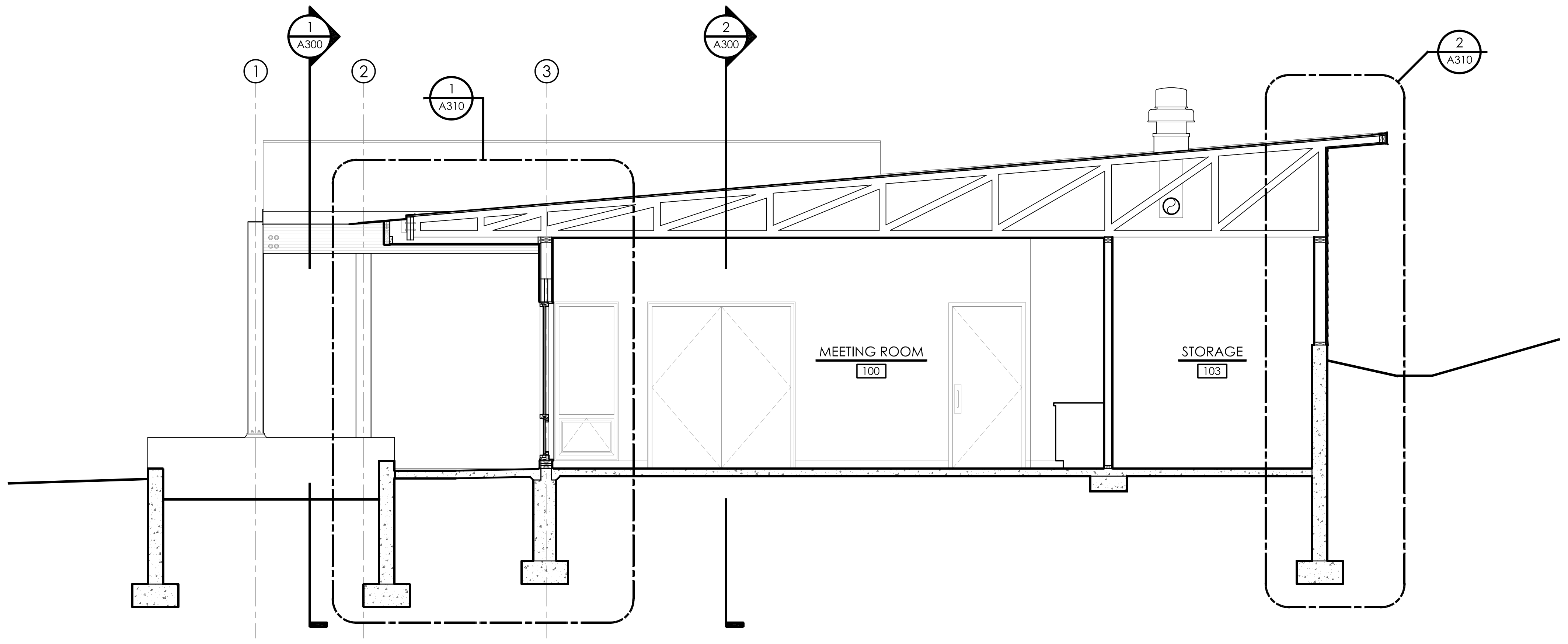
1 A300 **BUILDING SECTION**
1/4" = 1'-0"


4
A300
5
A300
4
A310
A
B
E
F
COVERED PICNIC SHELTER
105
MEETING ROOM
100
COVERED PICNIC SHELTER
106

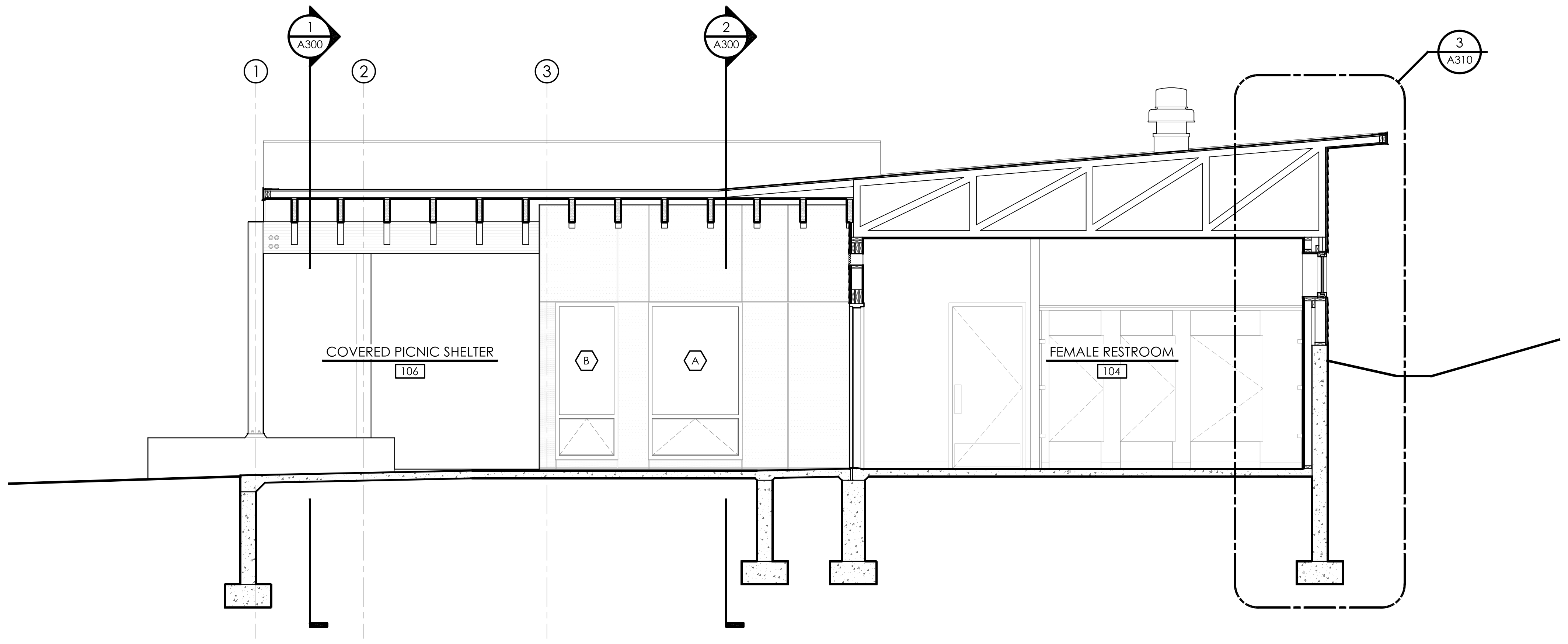
2 A300 **BUILDING SECTION**
1/4" = 1'-0"


5
A300
5
A310
STORAGE
103
FEMALE RESTROOM
104

3 A300 **PARTIAL BUILDING SECTION**
1/4" = 1'-0"


1
A300
2
A300
1
A310
2
A310
1
2
3
MEETING ROOM
100
STORAGE
103

4 A300 **BUILDING SECTION**
1/4" = 1'-0"


1
A300
2
A300
3
A310
1
2
3
COVERED PICNIC SHELTER
106
B
A
FEMALE RESTROOM
104

5 A300 **BUILDING SECTION**
1/4" = 1'-0"

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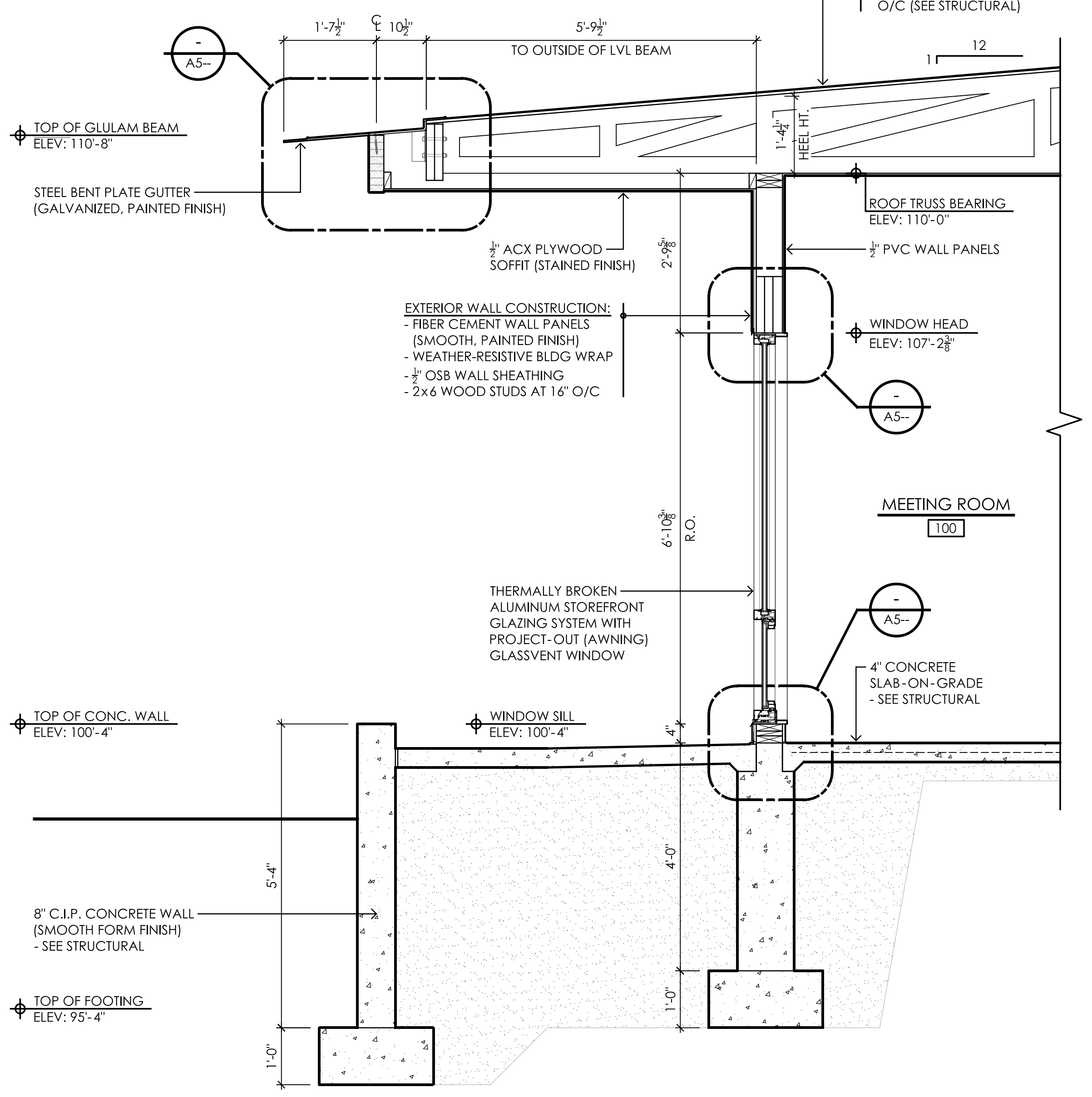
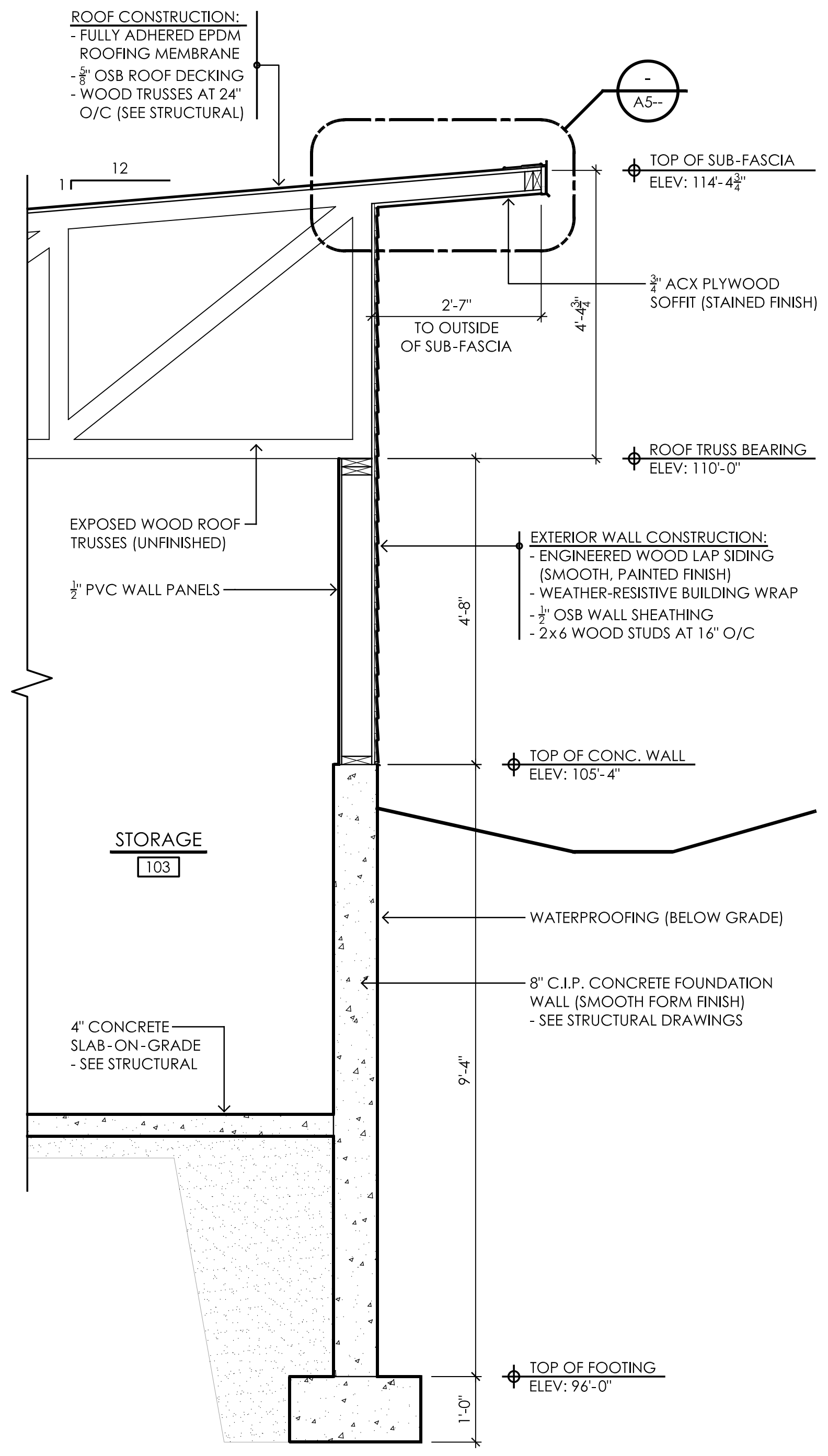
BUILDING SECTIONS

SHEET No
A300


ROOF CONSTRUCTION:
- FULLY ADHERED EPDM ROOFING MEMBRANE
- ⅝" OSB ROOF DECKING
- WOOD TRUSSES AT 24" O/C (SEE STRUCTURAL)
1'-7½"
℄
10½"
5'-9½"
TO OUTSIDE OF LVL BEAM
12
1
- A5--
TOP OF GLULAM BEAM
ELEV: 110'-8"
1'-4¼"
HEEL HT.
STEEL BENT PLATE GUTTER (GALVANIZED, PAINTED FINISH)
ROOF TRUSS BEARING
ELEV: 110'-0"
½" ACX PLYWOOD SOFFIT (STAINED FINISH)
2'-9⅝"
½" PVC WALL PANELS
EXTERIOR WALL CONSTRUCTION:
- FIBER CEMENT WALL PANELS (SMOOTH, PAINTED FINISH)
- WEATHER-RESISTIVE BLDG WRAP
- ½" OSB WALL SHEATHING
- 2x6 WOOD STUDS AT 16" O/C
WINDOW HEAD
ELEV: 107'-2⅜"
- A5--
MEETING ROOM
100
6'-10⅜"
R.O.
THERMALLY BROKEN ALUMINUM STOREFRONT GLAZING SYSTEM WITH PROJECT-OUT (AWNING) GLASSVENT WINDOW
- A5--
4" CONCRETE SLAB-ON-GRADE
- SEE STRUCTURAL
TOP OF CONC. WALL
ELEV: 100'-4"
WINDOW SILL
ELEV: 100'-4"
4"
5'-4"
4'-0"
8" C.I.P. CONCRETE WALL (SMOOTH FORM FINISH)
- SEE STRUCTURAL
TOP OF FOOTING
ELEV: 95'-4"
1'-0"
1'-0"

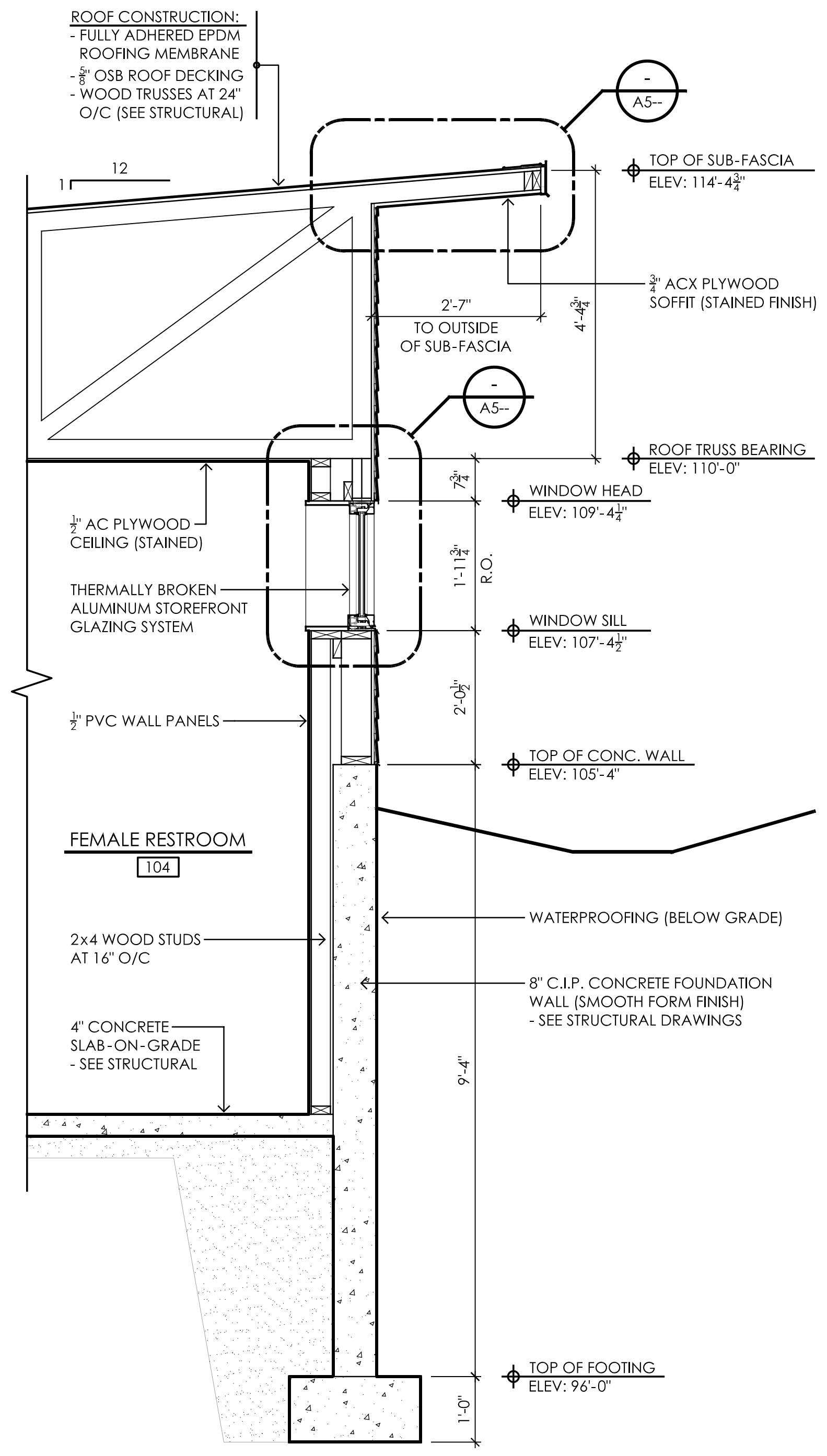
1 A310 **WALL SECTION**

1/2" = 1'-0"


ROOF CONSTRUCTION:
- FULLY ADHERED EPDM ROOFING MEMBRANE
- ⅝" OSB ROOF DECKING
- WOOD TRUSSES AT 24" O/C (SEE STRUCTURAL)
- A5--
12
1
TOP OF SUB-FASCIA
ELEV: 114'-4¾"
¾" ACX PLYWOOD SOFFIT (STAINED FINISH)
2'-7"
TO OUTSIDE OF SUB-FASCIA
4'-4¾"
ROOF TRUSS BEARING
ELEV: 110'-0"
EXPOSED WOOD ROOF TRUSSES (UNFINISHED)
EXTERIOR WALL CONSTRUCTION:
- ENGINEERED WOOD LAP SIDING (SMOOTH, PAINTED FINISH)
- WEATHER-RESISTIVE BUILDING WRAP
- ½" OSB WALL SHEATHING
- 2x6 WOOD STUDS AT 16" O/C
½" PVC WALL PANELS
4'-8"
TOP OF CONC. WALL
ELEV: 105'-4"
STORAGE
103
WATERPROOFING (BELOW GRADE)
8" C.I.P. CONCRETE FOUNDATION WALL (SMOOTH FORM FINISH)
- SEE STRUCTURAL DRAWINGS
4" CONCRETE SLAB-ON-GRADE
- SEE STRUCTURAL
9'-4"
TOP OF FOOTING
ELEV: 96'-0"
1'-0"

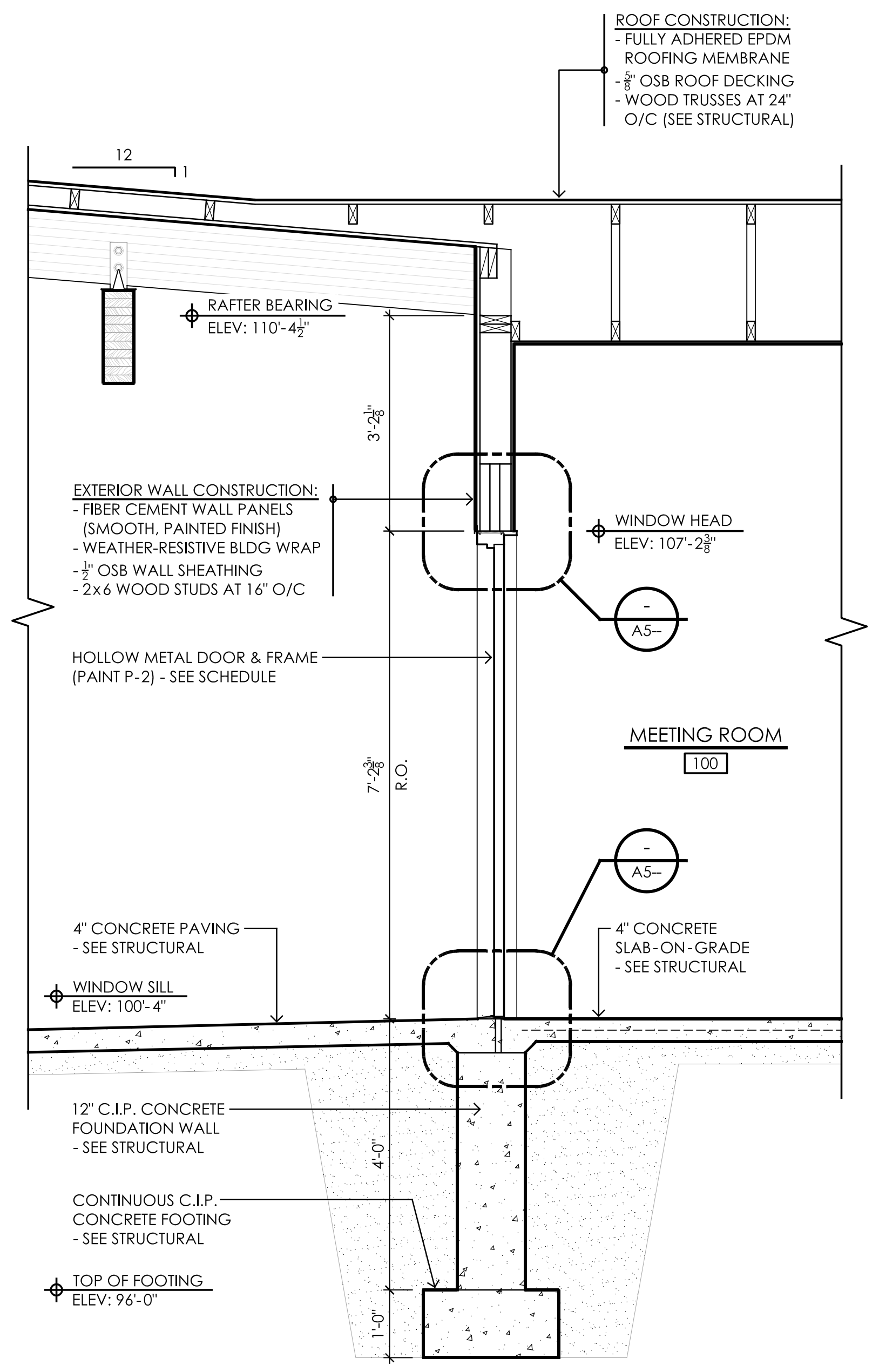
2 A310 **WALL SECTION**

1/2" = 1'-0"


ROOF CONSTRUCTION:
- FULLY ADHERED EPDM ROOFING MEMBRANE
- ⅝" OSB ROOF DECKING
- WOOD TRUSSES AT 24" O/C (SEE STRUCTURAL)
- A5--
12
1
TOP OF SUB-FASCIA
ELEV: 114'-4¾"
¾" ACX PLYWOOD SOFFIT (STAINED FINISH)
2'-7"
TO OUTSIDE OF SUB-FASCIA
4'-4¾"
- A5--
ROOF TRUSS BEARING
ELEV: 110'-0"
7¾"
WINDOW HEAD
ELEV: 109'-4¼"
½" AC PLYWOOD CEILING (STAINED)
1'-11¾"
R.O.
THERMALLY BROKEN ALUMINUM STOREFRONT GLAZING SYSTEM
WINDOW SILL
ELEV: 107'-4½"
2'-0½"
½" PVC WALL PANELS
TOP OF CONC. WALL
ELEV: 105'-4"
FEMALE RESTROOM
104
WATERPROOFING (BELOW GRADE)
2x4 WOOD STUDS AT 16" O/C
8" C.I.P. CONCRETE FOUNDATION WALL (SMOOTH FORM FINISH)
- SEE STRUCTURAL DRAWINGS
4" CONCRETE SLAB-ON-GRADE
- SEE STRUCTURAL
9'-4"
TOP OF FOOTING
ELEV: 96'-0"
1'-0"

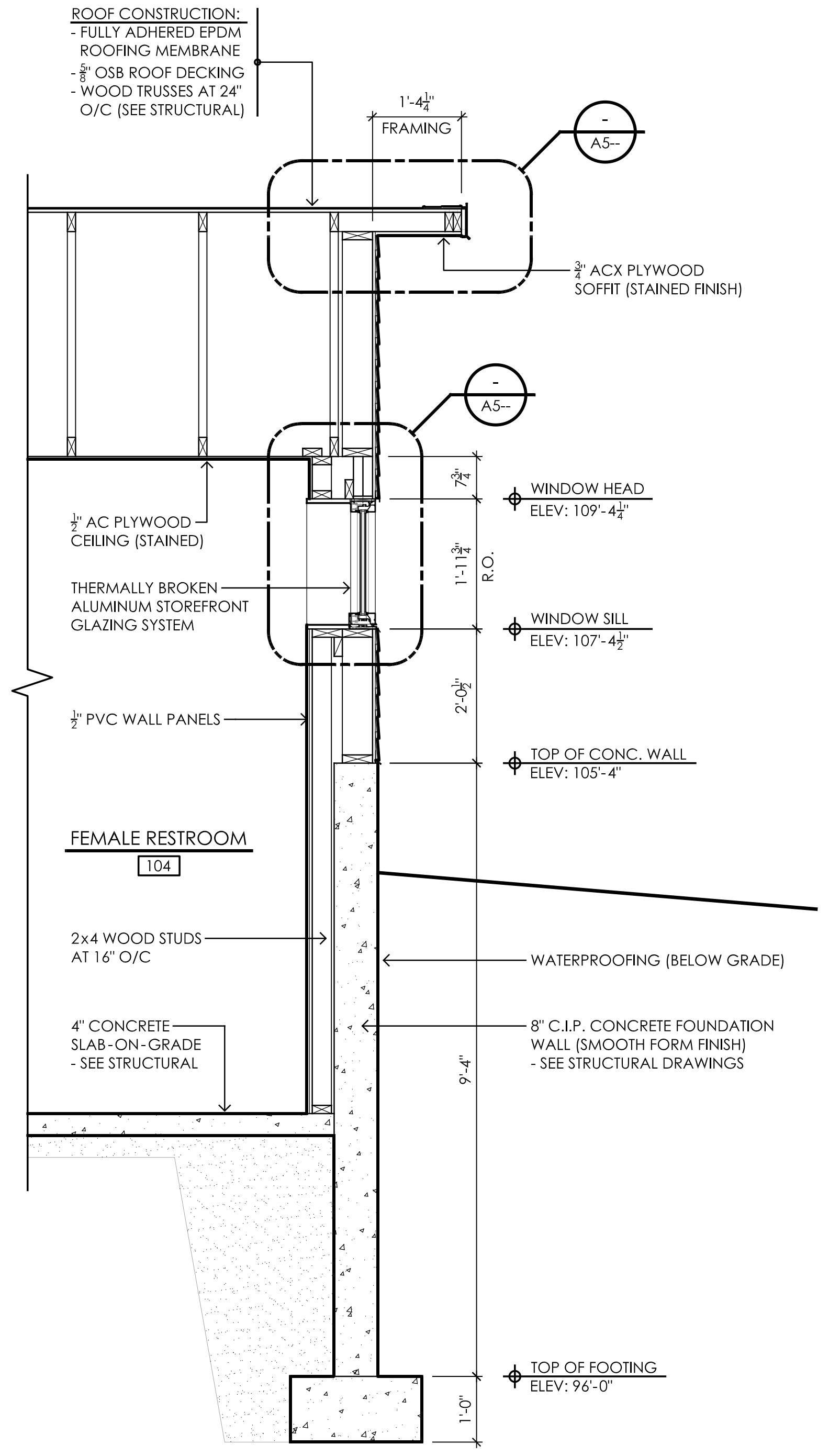
3 A310 **WALL SECTION**

1/2" = 1'-0"


ROOF CONSTRUCTION:
- FULLY ADHERED EPDM ROOFING MEMBRANE
- ⅝" OSB ROOF DECKING
- WOOD TRUSSES AT 24" O/C (SEE STRUCTURAL)
12
1
RAFTER BEARING
ELEV: 110'-4½"
3'-2⅛"
EXTERIOR WALL CONSTRUCTION:
- FIBER CEMENT WALL PANELS (SMOOTH, PAINTED FINISH)
- WEATHER-RESISTIVE BLDG WRAP
- ½" OSB WALL SHEATHING
- 2x6 WOOD STUDS AT 16" O/C
WINDOW HEAD
ELEV: 107'-2⅜"
- A5--
HOLLOW METAL DOOR & FRAME (PAINT P-2) - SEE SCHEDULE
MEETING ROOM
100
7'-2⅜"
R.O.
- A5--
4" CONCRETE PAVING
- SEE STRUCTURAL
4" CONCRETE SLAB-ON-GRADE
- SEE STRUCTURAL
WINDOW SILL
ELEV: 100'-4"
12" C.I.P. CONCRETE FOUNDATION WALL
- SEE STRUCTURAL
4'-0"
CONTINUOUS C.I.P. CONCRETE FOOTING
- SEE STRUCTURAL
TOP OF FOOTING
ELEV: 96'-0"
1'-0"

4 A310 **WALL SECTION**

1/2" = 1'-0"


ROOF CONSTRUCTION:
- FULLY ADHERED EPDM ROOFING MEMBRANE
- ⅝" OSB ROOF DECKING
- WOOD TRUSSES AT 24" O/C (SEE STRUCTURAL)
1'-4¼"
FRAMING
- A5--
¾" ACX PLYWOOD SOFFIT (STAINED FINISH)
- A5--
7¾"
WINDOW HEAD
ELEV: 109'-4¼"
½" AC PLYWOOD CEILING (STAINED)
1'-11¾"
R.O.
THERMALLY BROKEN ALUMINUM STOREFRONT GLAZING SYSTEM
WINDOW SILL
ELEV: 107'-4½"
2'-0½"
½" PVC WALL PANELS
TOP OF CONC. WALL
ELEV: 105'-4"
FEMALE RESTROOM
104
2x4 WOOD STUDS AT 16" O/C
WATERPROOFING (BELOW GRADE)
4" CONCRETE SLAB-ON-GRADE
- SEE STRUCTURAL
8" C.I.P. CONCRETE FOUNDATION WALL (SMOOTH FORM FINISH)
- SEE STRUCTURAL DRAWINGS
9'-4"
TOP OF FOOTING
ELEV: 96'-0"
1'-0"

5 A310 **WALL SECTION**

1/2" = 1'-0"

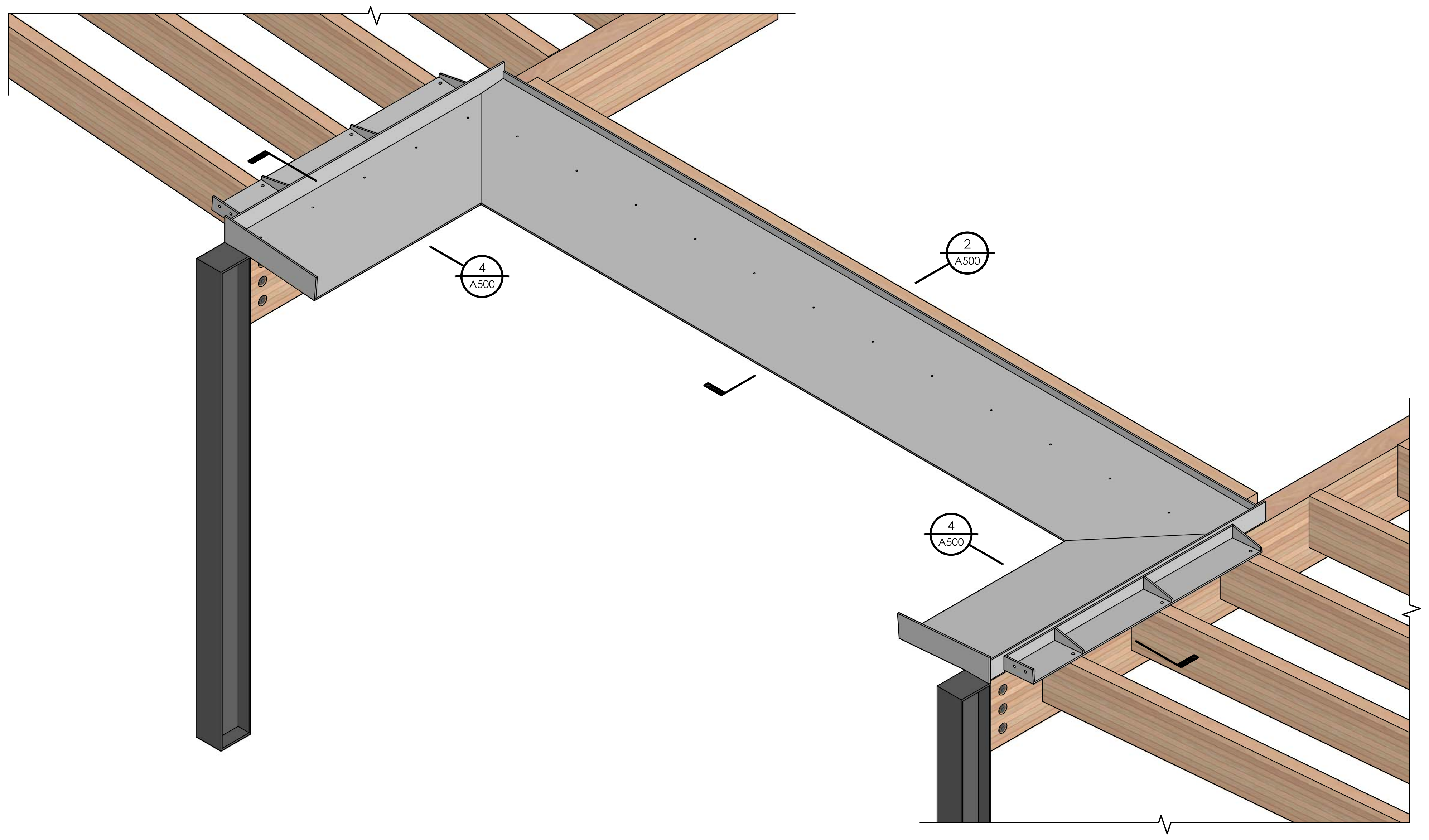
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

PRELIMINARY

PROJECT
COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

DATE 04/17/26
PROJECT No 1626
DRAWN BY CLR
DRAWING TITLE WALL SECTIONS
CHECKED BY MWS

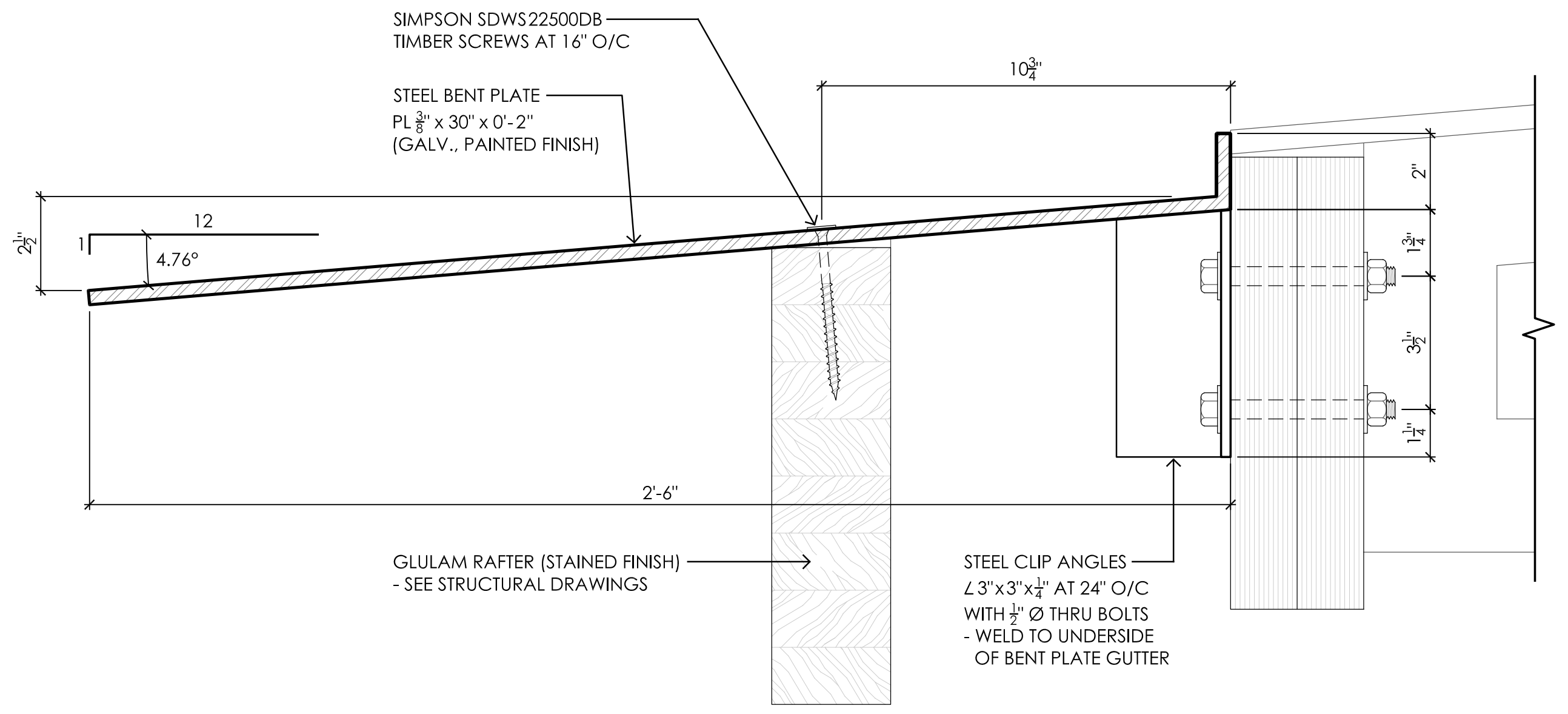
SHEET No
A310


4
A500
2
A500
4
A500

1 BENT PLATE GUTTER ISOMETRIC VIEW

A500

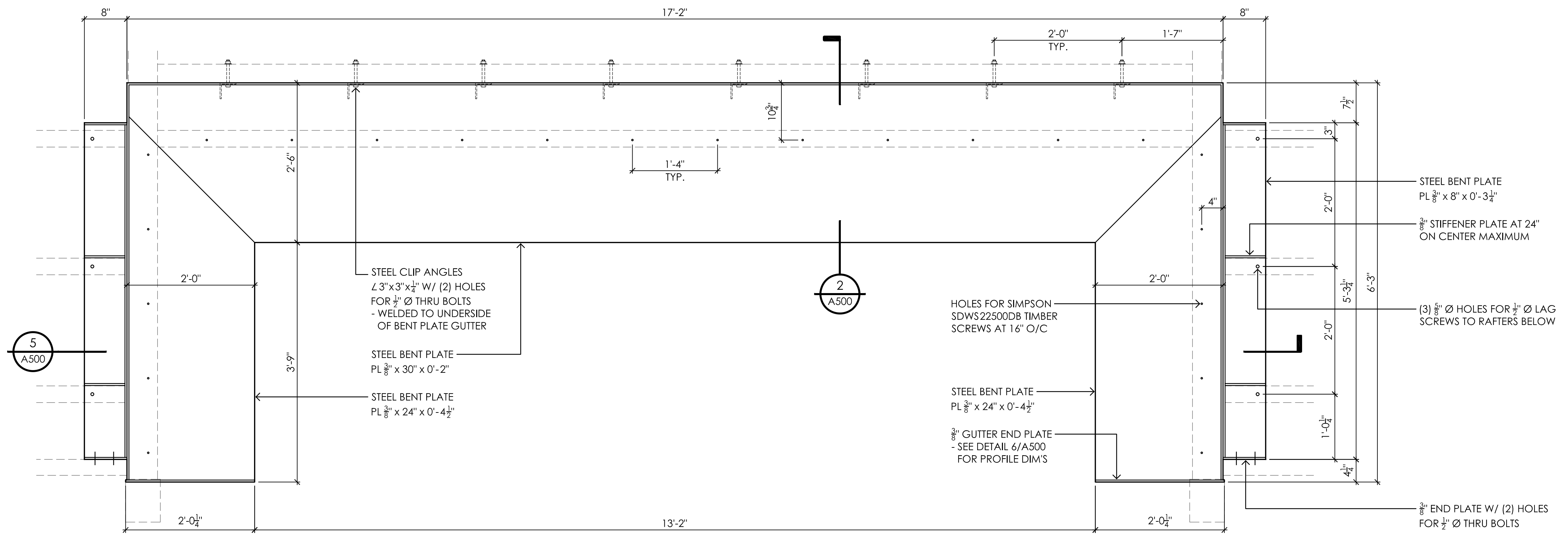
NOT TO SCALE


SIMPSON SDWS22500DB TIMBER SCREWS AT 16" O/C
STEEL BENT PLATE PL $\frac{3}{8}$" x 30" x 0'-2" (GALV., PAINTED FINISH)
10$\frac{3}{4}$"
12
1
4.76°
2$\frac{1}{2}$"
2"
1$\frac{3}{4}$"
3$\frac{1}{2}$"
1$\frac{1}{4}$"
2'-6"
GLULAM RAFTER (STAINED FINISH) - SEE STRUCTURAL DRAWINGS
STEEL CLIP ANGLES ∠3"x3"x$\frac{1}{4}$" AT 24" O/C WITH $\frac{1}{2}$" Ø THRU BOLTS - WELD TO UNDERSIDE OF BENT PLATE GUTTER

2 BENT PLATE GUTTER SECTION DETAIL

A500

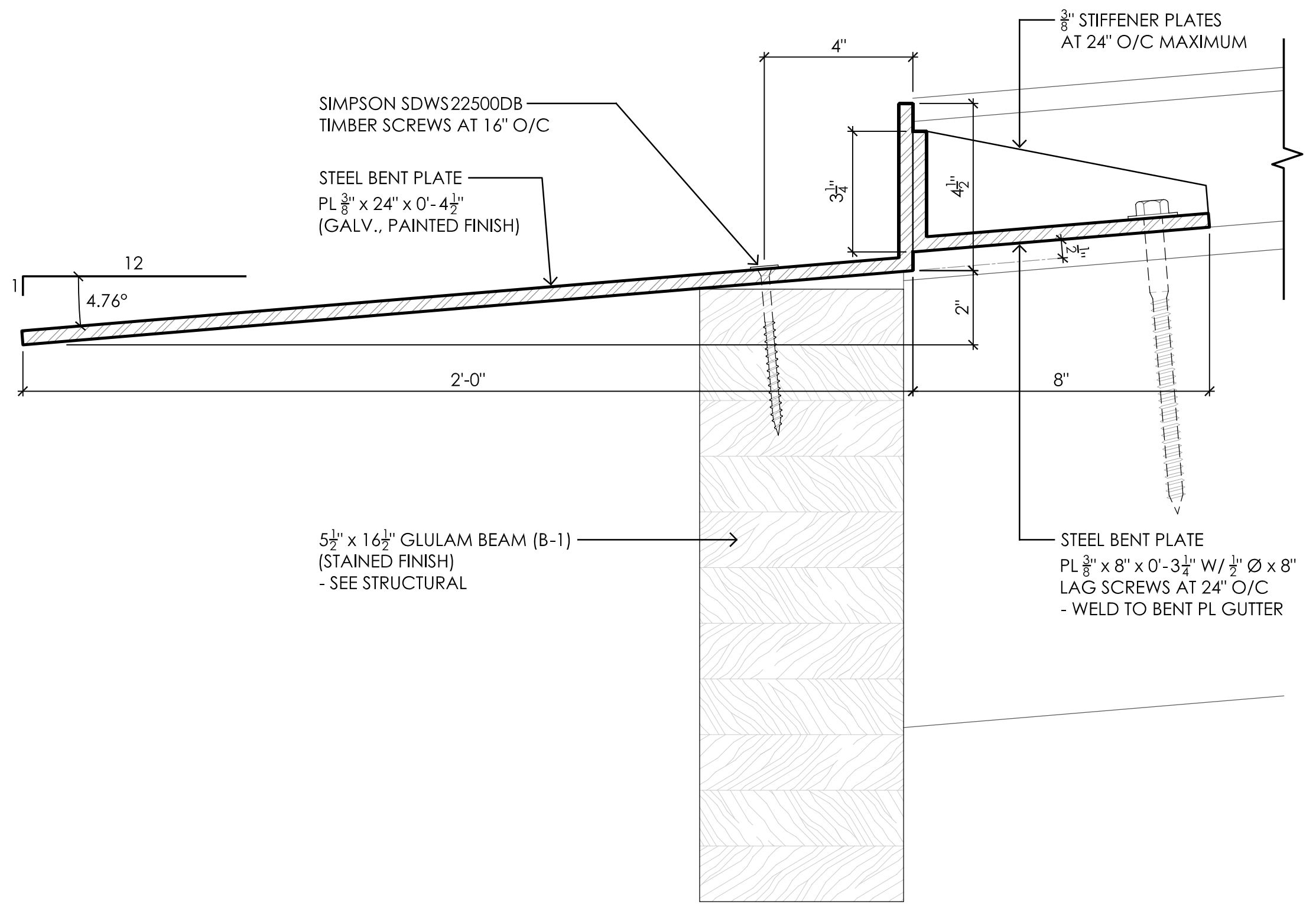
3" = 1'-0"


8"
17'-2"
8"
2'-0"
TYP.
1'-7"
10$\frac{3}{4}$"
1'-4"
TYP.
2'-6"
3'-9"
2'-0"
2'-0"
4"
7$\frac{1}{2}$"
3"
2'-0"
5'-3$\frac{1}{4}$"
6'-3"
2'-0"
1'-0$\frac{1}{4}$"
4$\frac{1}{4}$"
2
A500
5
A500
STEEL CLIP ANGLES ∠3"x3"x$\frac{1}{4}$" W/ (2) HOLES FOR $\frac{1}{2}$" Ø THRU BOLTS - WELDED TO UNDERSIDE OF BENT PLATE GUTTER
STEEL BENT PLATE PL $\frac{3}{8}$" x 30" x 0'-2"
STEEL BENT PLATE PL $\frac{3}{8}$" x 24" x 0'-4$\frac{1}{2}$"
HOLES FOR SIMPSON SDWS22500DB TIMBER SCREWS AT 16" O/C
STEEL BENT PLATE PL $\frac{3}{8}$" x 24" x 0'-4$\frac{1}{2}$"
$\frac{3}{8}$" GUTTER END PLATE - SEE DETAIL 6/A500 FOR PROFILE DIM'S
STEEL BENT PLATE PL $\frac{3}{8}$" x 8" x 0'-3$\frac{1}{4}$"
$\frac{3}{8}$" STIFFENER PLATE AT 24" ON CENTER MAXIMUM
(3) $\frac{5}{8}$" Ø HOLES FOR $\frac{1}{2}$" Ø LAG SCREWS TO RAFTERS BELOW
$\frac{3}{8}$" END PLATE W/ (2) HOLES FOR $\frac{1}{2}$" Ø THRU BOLTS
2'-0$\frac{1}{4}$"
13'-2"
2'-0$\frac{1}{4}$"

3 BENT PLATE GUTTER PLAN

A500

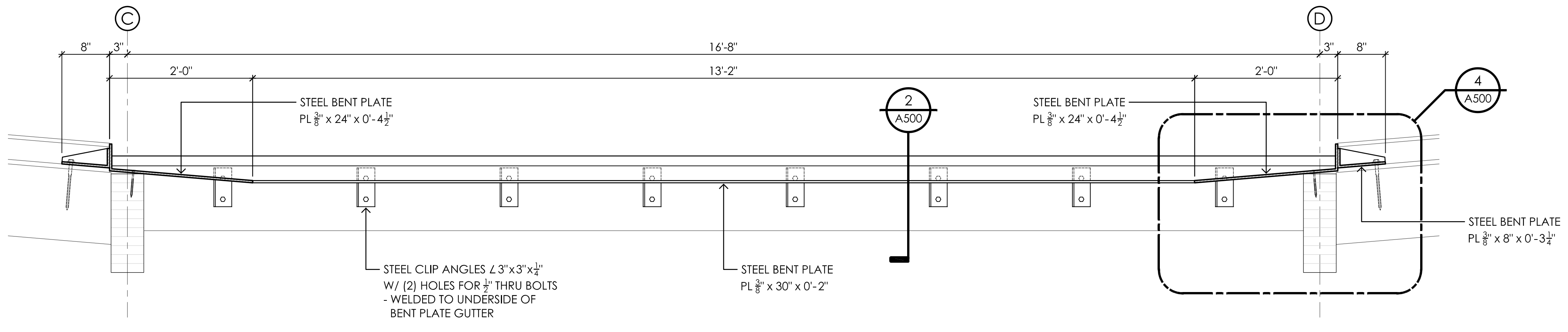
3/4" = 1'-0"


$\frac{3}{8}$" STIFFENER PLATES AT 24" O/C MAXIMUM
4"
SIMPSON SDWS22500DB TIMBER SCREWS AT 16" O/C
STEEL BENT PLATE PL $\frac{3}{8}$" x 24" x 0'-4$\frac{1}{2}$" (GALV., PAINTED FINISH)
12
1
4.76°
3$\frac{1}{4}$"
4$\frac{1}{2}$"
$\frac{1}{2}$"
2"
2'-0"
8"
5$\frac{1}{2}$" x 16$\frac{1}{2}$" GLULAM BEAM (B-1) (STAINED FINISH) - SEE STRUCTURAL
STEEL BENT PLATE PL $\frac{3}{8}$" x 8" x 0'-3$\frac{1}{4}$" W/ $\frac{1}{2}$" Ø x 8" LAG SCREWS AT 24" O/C - WELD TO BENT PL GUTTER

4 BENT PLATE GUTTER SECTION DETAIL

A500

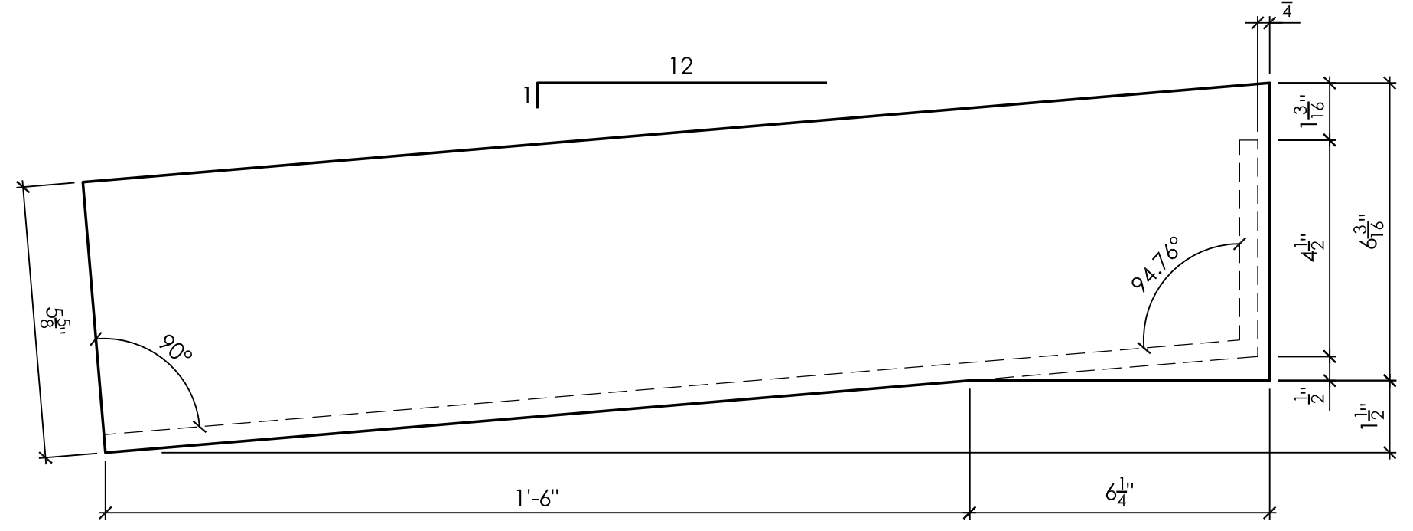
3" = 1'-0"


C
D
8"
3"
16'-8"
3"
8"
2'-0"
13'-2"
2'-0"
4
A500
2
A500
STEEL BENT PLATE PL $\frac{3}{8}$" x 24" x 0'-4$\frac{1}{2}$"
STEEL BENT PLATE PL $\frac{3}{8}$" x 24" x 0'-4$\frac{1}{2}$"
STEEL BENT PLATE PL $\frac{3}{8}$" x 8" x 0'-3$\frac{1}{4}$"
STEEL CLIP ANGLES ∠3"x3"x$\frac{1}{4}$" W/ (2) HOLES FOR $\frac{1}{2}$" THRU BOLTS - WELDED TO UNDERSIDE OF BENT PLATE GUTTER
STEEL BENT PLATE PL $\frac{3}{8}$" x 30" x 0'-2"

5 BENT PLATE GUTTER SECTION / ELEVATION

A500

3/4" = 1'-0"


12
1
$\frac{1}{4}$"
1$\frac{3}{16}$"
4$\frac{1}{2}$"
6$\frac{3}{16}$"
$\frac{1}{2}$"
1$\frac{1}{2}$"
94.76°
90°
5$\frac{5}{8}$"
1'-6"
6$\frac{1}{4}$"

6 GUTTER END PLATE PROFILE

A500

3" = 1'-0"

river ARCHITECTS
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PRELIMINARY

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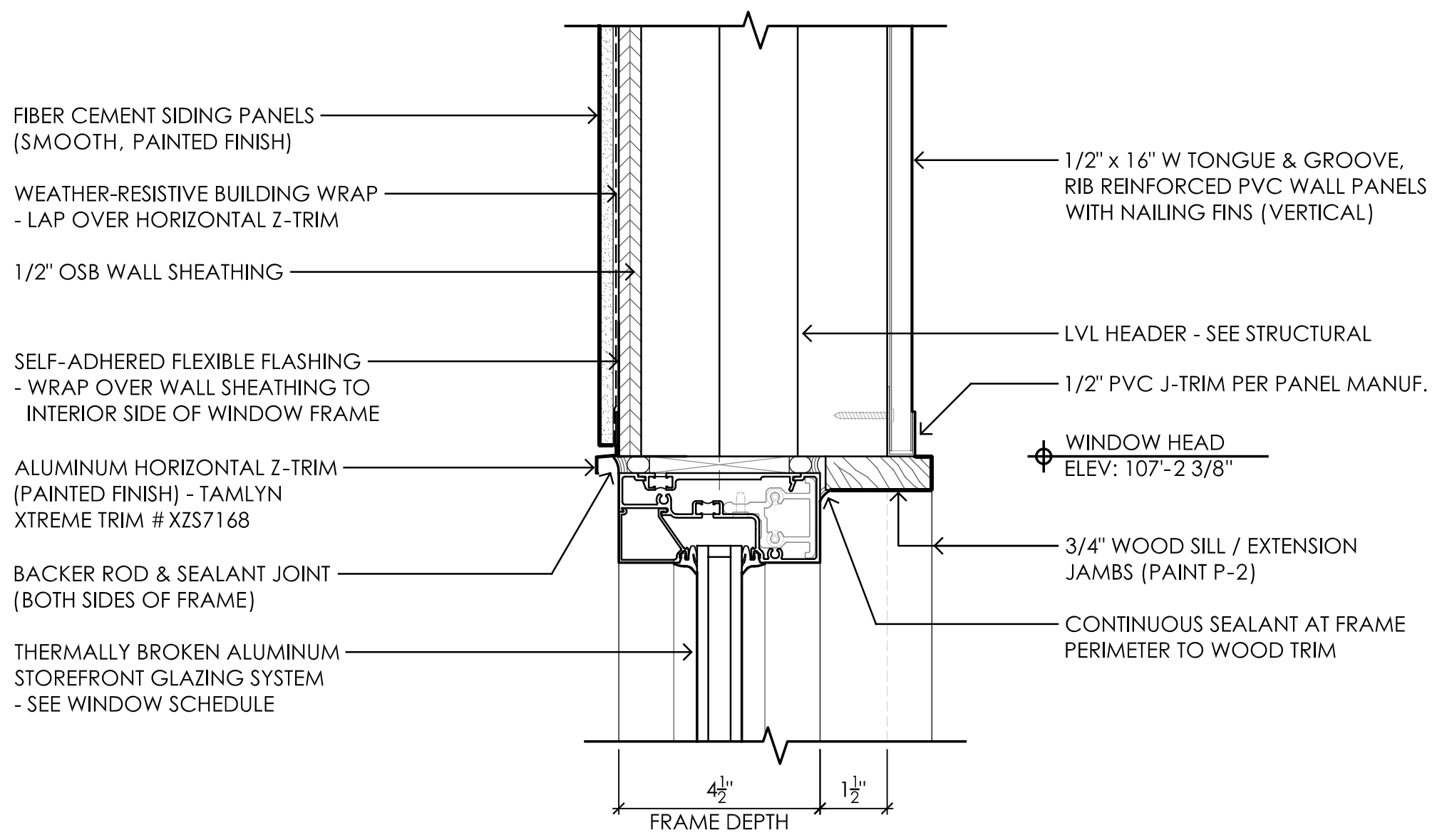
COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

DATE 04/17/26
PROJECT No 1626
DRAWN BY CLR
DRAWING TITLE
CHECKED BY MWS
ARCHITECTURAL DETAILS

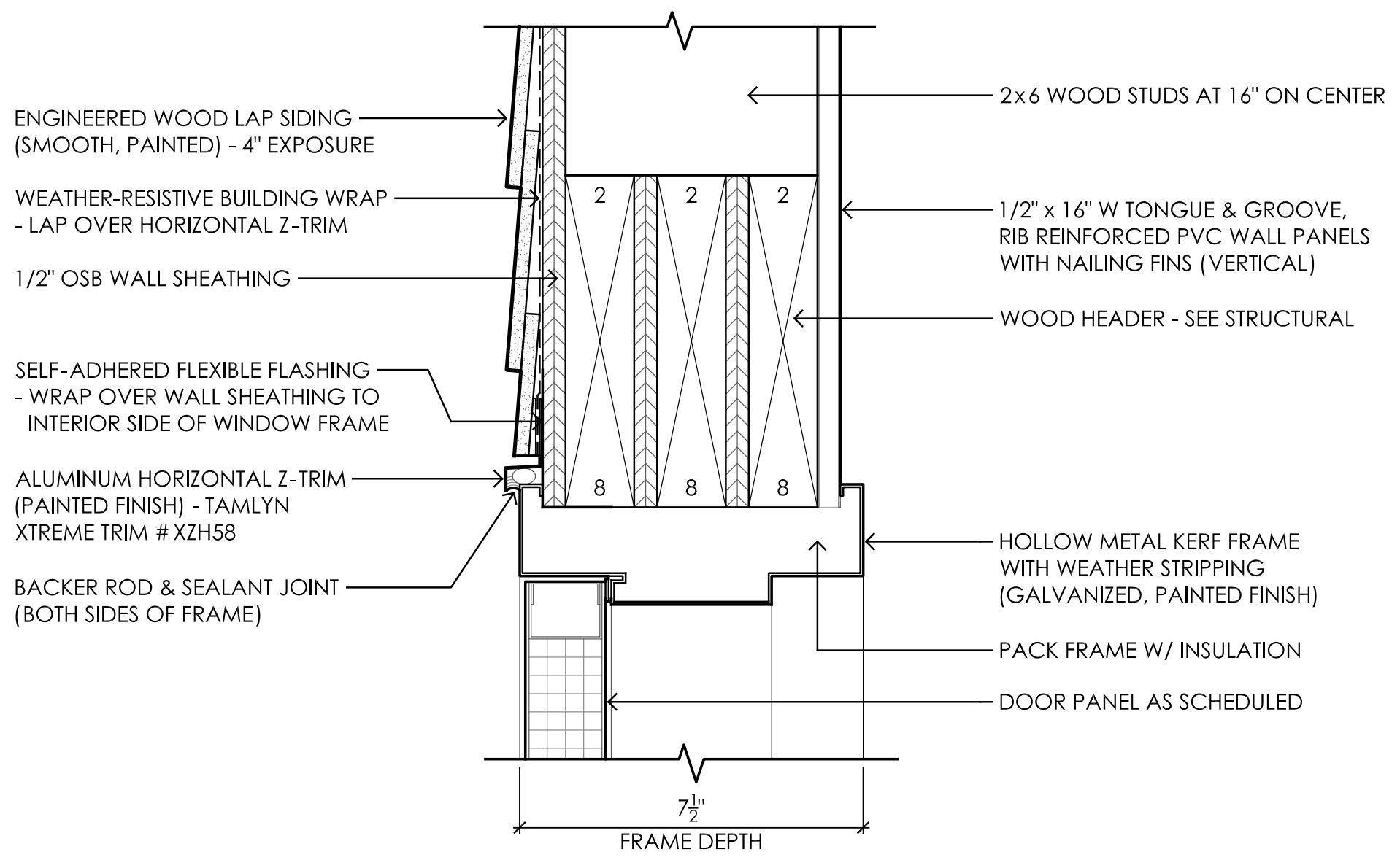
SHEET No
A500


FIBER CEMENT SIDING PANELS (SMOOTH, PAINTED FINISH)
WEATHER-RESISTIVE BUILDING WRAP - LAP OVER HORIZONTAL Z-TRIM
1/2" OSB WALL SHEATHING
SELF-ADHERED FLEXIBLE FLASHING - WRAP OVER WALL SHEATHING TO INTERIOR SIDE OF WINDOW FRAME
ALUMINUM HORIZONTAL Z-TRIM (PAINTED FINISH) - TAMLYN XTREME TRIM # XZS7168
BACKER ROD & SEALANT JOINT (BOTH SIDES OF FRAME)
THERMALLY BROKEN ALUMINUM STOREFRONT GLAZING SYSTEM - SEE WINDOW SCHEDULE
1/2" x 16" W TONGUE & GROOVE, RIB REINFORCED PVC WALL PANELS WITH NAILING FINS (VERTICAL)
LVL HEADER - SEE STRUCTURAL
1/2" PVC J-TRIM PER PANEL MANUF.
WINDOW HEAD
ELEV: 107'-2 3/8"
3/4" WOOD SILL / EXTENSION JAMBS (PAINT P-2)
CONTINUOUS SEALANT AT FRAME PERIMETER TO WOOD TRIM
4½"
1½"
FRAME DEPTH

5
A501

WINDOW HEAD DETAIL

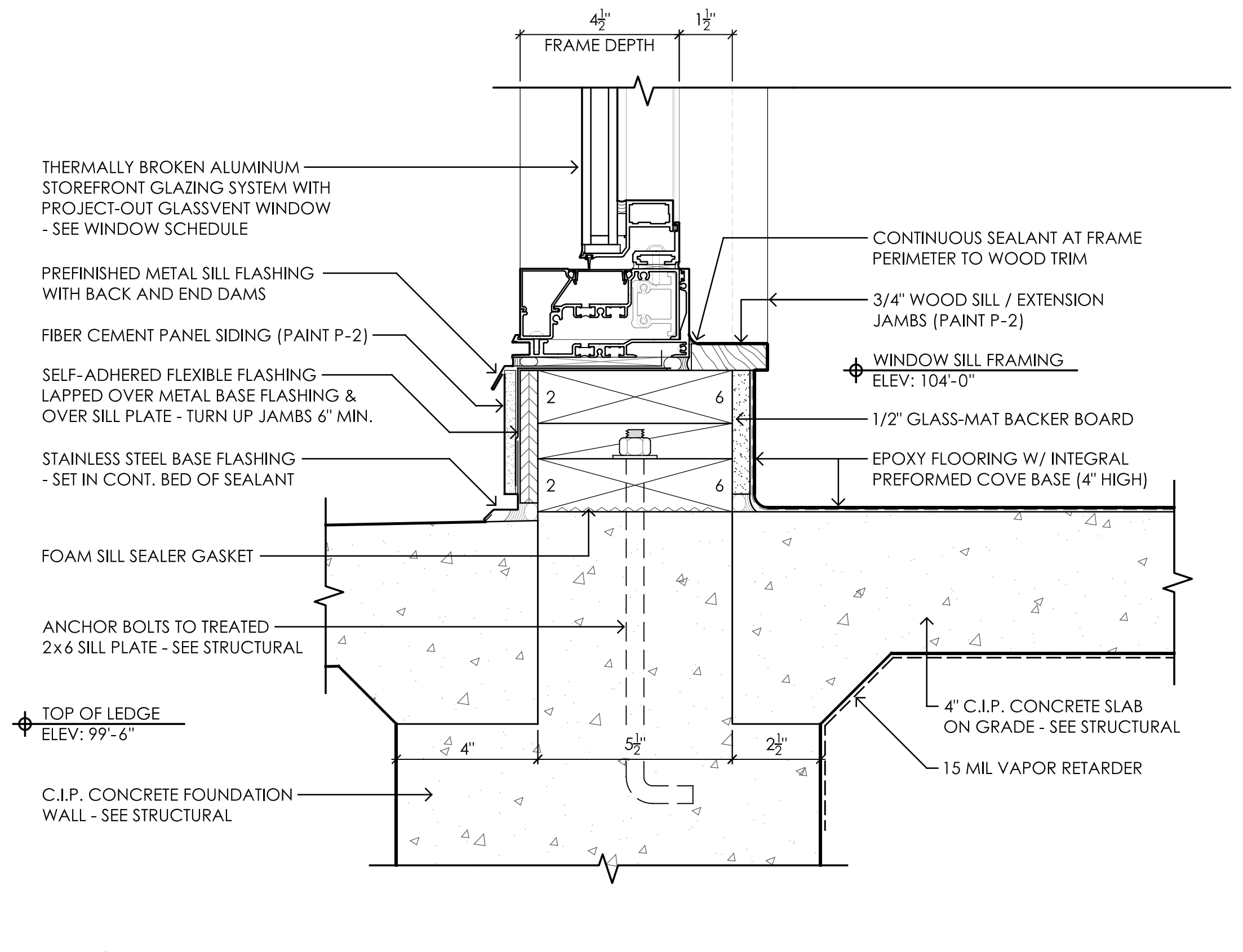
3" = 1'-0"


ENGINEERED WOOD LAP SIDING (SMOOTH, PAINTED) - 4" EXPOSURE
WEATHER-RESISTIVE BUILDING WRAP - LAP OVER HORIZONTAL Z-TRIM
1/2" OSB WALL SHEATHING
SELF-ADHERED FLEXIBLE FLASHING - WRAP OVER WALL SHEATHING TO INTERIOR SIDE OF WINDOW FRAME
ALUMINUM HORIZONTAL Z-TRIM (PAINTED FINISH) - TAMLYN XTREME TRIM # XZH58
BACKER ROD & SEALANT JOINT (BOTH SIDES OF FRAME)
2x6 WOOD STUDS AT 16" ON CENTER
1/2" x 16" W TONGUE & GROOVE, RIB REINFORCED PVC WALL PANELS WITH NAILING FINS (VERTICAL)
WOOD HEADER - SEE STRUCTURAL
HOLLOW METAL KERF FRAME WITH WEATHER STRIPPING (GALVANIZED, PAINTED FINISH)
PACK FRAME W/ INSULATION
DOOR PANEL AS SCHEDULED
2
2
2
8
8
8
7½"
FRAME DEPTH

6
A501

EXTERIOR DOOR HEAD DETAIL

3" = 1'-0"


4½"
1½"
FRAME DEPTH
THERMALLY BROKEN ALUMINUM STOREFRONT GLAZING SYSTEM WITH PROJECT-OUT GLASSVENT WINDOW - SEE WINDOW SCHEDULE
PREFINISHED METAL SILL FLASHING WITH BACK AND END DAMS
FIBER CEMENT PANEL SIDING (PAINT P-2)
SELF-ADHERED FLEXIBLE FLASHING LAPPED OVER METAL BASE FLASHING & OVER SILL PLATE - TURN UP JAMBS 6" MIN.
STAINLESS STEEL BASE FLASHING - SET IN CONT. BED OF SEALANT
FOAM SILL SEALER GASKET
ANCHOR BOLTS TO TREATED 2x6 SILL PLATE - SEE STRUCTURAL
TOP OF LEDGE
ELEV: 99'-6"
C.I.P. CONCRETE FOUNDATION WALL - SEE STRUCTURAL
CONTINUOUS SEALANT AT FRAME PERIMETER TO WOOD TRIM
3/4" WOOD SILL / EXTENSION JAMBS (PAINT P-2)
WINDOW SILL FRAMING
ELEV: 104'-0"
1/2" GLASS-MAT BACKER BOARD
EPOXY FLOORING W/ INTEGRAL PREFORMED COVE BASE (4" HIGH)
4" C.I.P. CONCRETE SLAB ON GRADE - SEE STRUCTURAL
15 MIL VAPOR RETARDER
2
6
2
6
4"
5½"
2½"

8
A501

WINDOW SILL DETAIL

3" = 1'-0"

river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

PRELIMINARY

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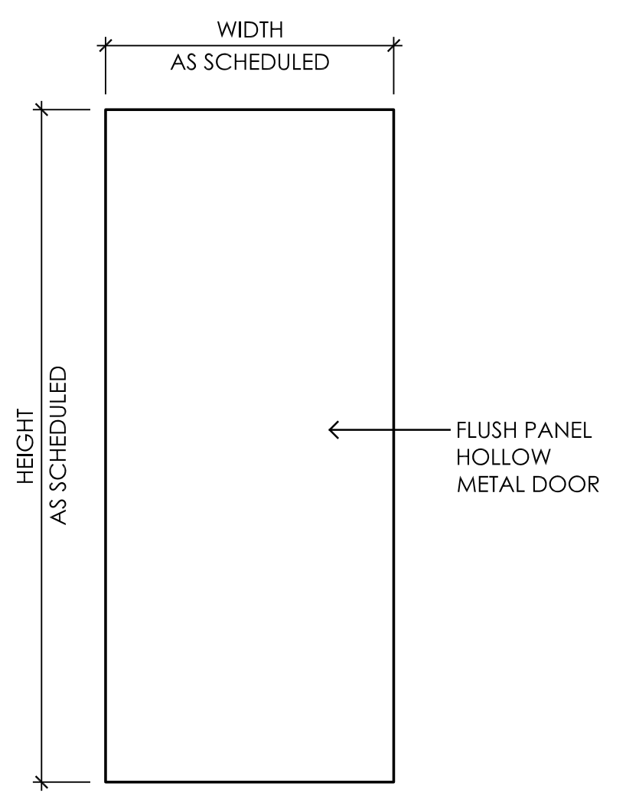
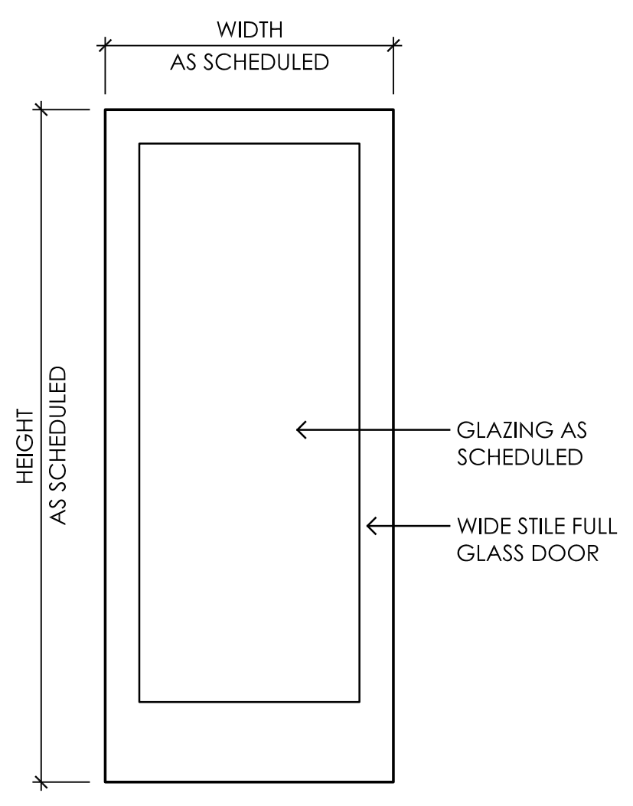
COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

DATE 04/17/26
DRAWN BY CLR
CHECKED BY MWS
PROJECT No 1626
DRAWING TITLE
ARCHITECTURAL DETAILS

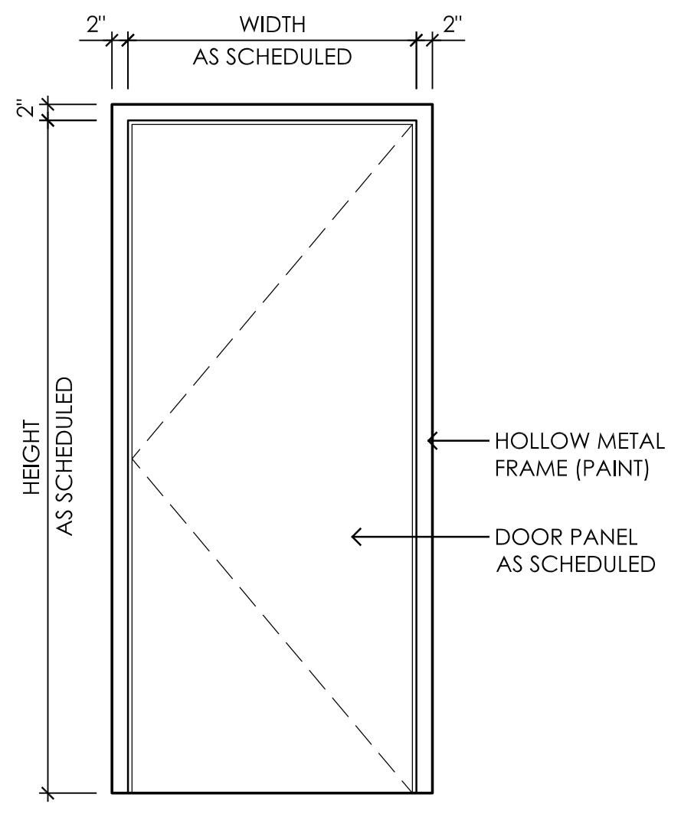
SHEET No
A501


WIDTH
AS SCHEDULED
HEIGHT
AS SCHEDULED
FLUSH PANEL
HOLLOW
METAL DOOR

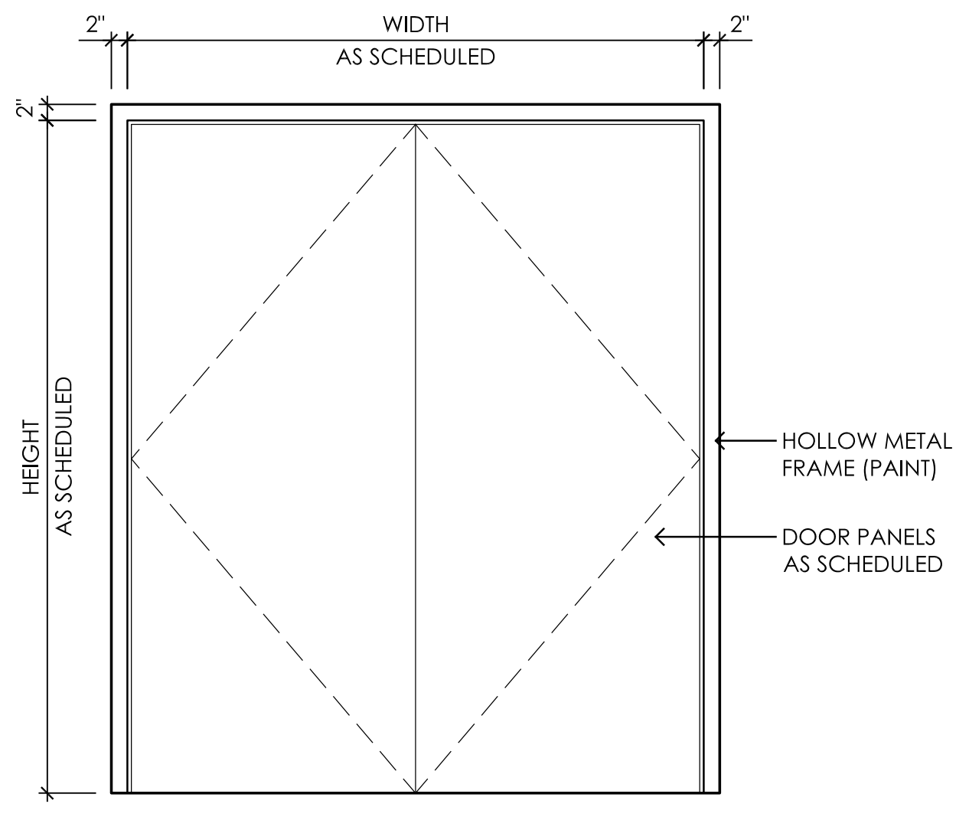
TYPE - F
FLUSH PANEL


WIDTH
AS SCHEDULED
HEIGHT
AS SCHEDULED
GLAZING AS
SCHEDULED
WIDE STILE FULL
GLASS DOOR

TYPE - FG
FULL GLASS PANEL


2"
WIDTH
AS SCHEDULED
2"
2"
HEIGHT
AS SCHEDULED
HOLLOW METAL
FRAME (PAINT)
DOOR PANEL
AS SCHEDULED

TYPE HM-1
SINGLE DOOR FRAME


2"
WIDTH
AS SCHEDULED
2"
2"
HEIGHT
AS SCHEDULED
HOLLOW METAL
FRAME (PAINT)
DOOR PANELS
AS SCHEDULED

TYPE HM-2
DOUBLE DOOR FRAME

1 A600 DOOR & FRAME TYPES

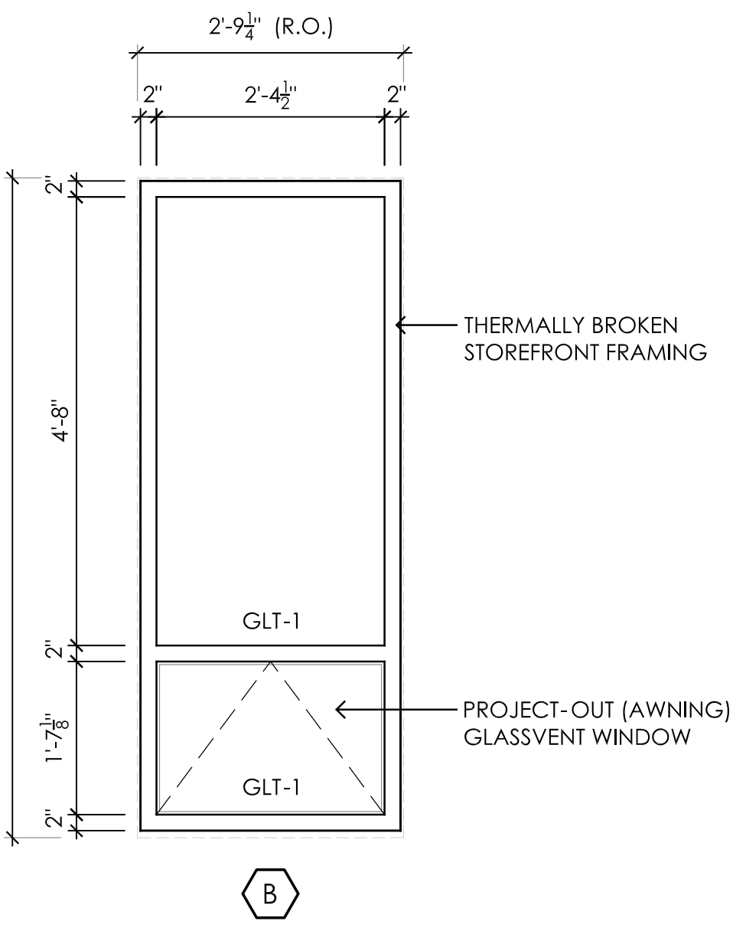
1/2" = 1'-0"

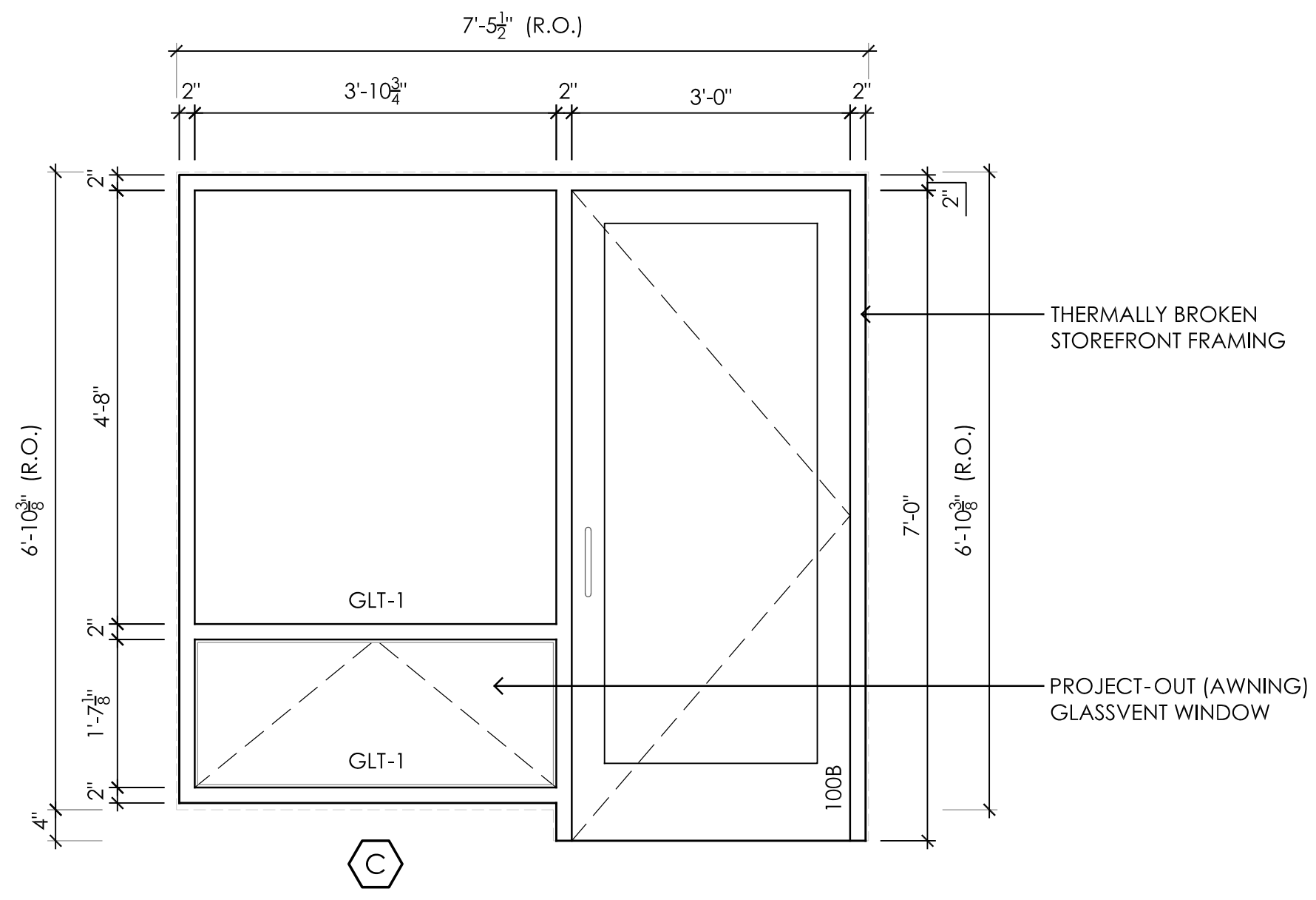
DOOR AND HARDWARE SCHEDULE

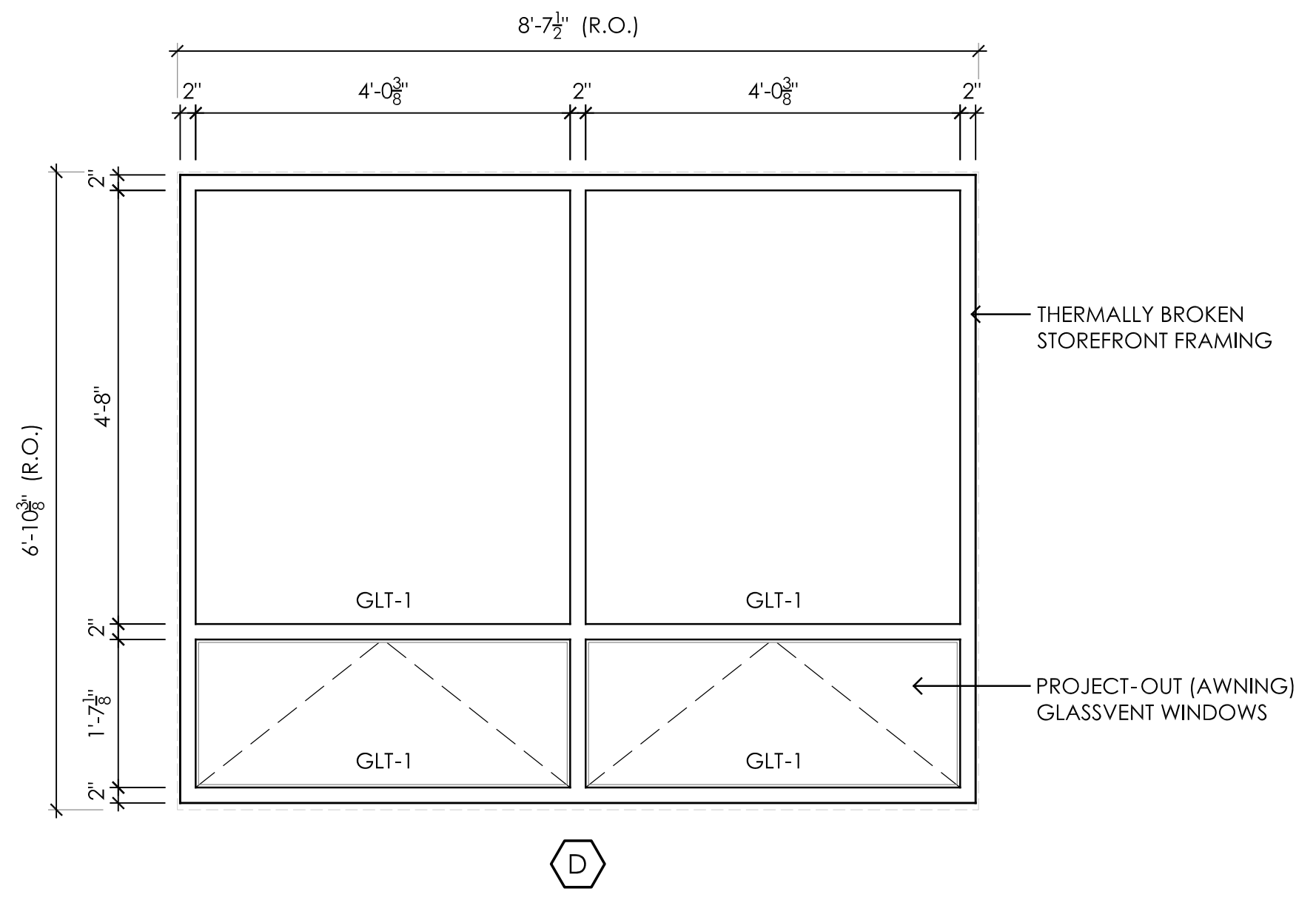
NO.	DOOR							FRAME							MISC.		REMARKS
	DOOR SIZE			MAT.	TYPE	GLAZING TYPE	FINISH	MAT.	TYPE	DEPTH	DETAILS			FINISH	FIRE RATING	HDWR GROUP	
	W.	H.	T.								HEAD	JAMB	SILL				
100A	3'-0"	7'-0"	2 1/4"	ALUM	FG	GLT-1	ANODIZED	ALUM	E	4 1/2"	--	--	--	ANODIZED	--	1	1
100B	3'-0"	7'-0"	2 1/4"	ALUM	FG	GLT-1	ANODIZED	ALUM	C	4 1/2"	--	--	--	ANODIZED	--	1	1
100C	6'-0"	7'-0"	1 3/4"	HM	F	--	P-2	HM	HM-2	4 3/4"				P-2	--	2	2
101A	3'-0"	7'-0"	1 3/4"	HM	F	--	P-2	HM	HM-1	7 1/2"				P-2	--	3	2, 3
101B	3'-0"	7'-0"	1 3/4"	HM	F	--	P-2	HM	HM-1	5 1/2"				P-2	--	5	3
102	3'-0"	7'-0"	1 3/4"	HM	F	--	P-2	HM	HM-1	5 1/2"				P-2	--	6	3
103	3'-0"	7'-0"	1 3/4"	HM	F	--	P-2	HM	HM-1	5 1/2"				P-2	--	6	3
104A	3'-0"	7'-0"	1 3/4"	HM	F	--	P-2	HM	HM-1	7 1/2"				P-2	--	3	2, 3
104B	3'-0"	7'-0"	1 3/4"	HM	F	--	P-2	HM	HM-1	5 1/2"				P-2	--	5	3

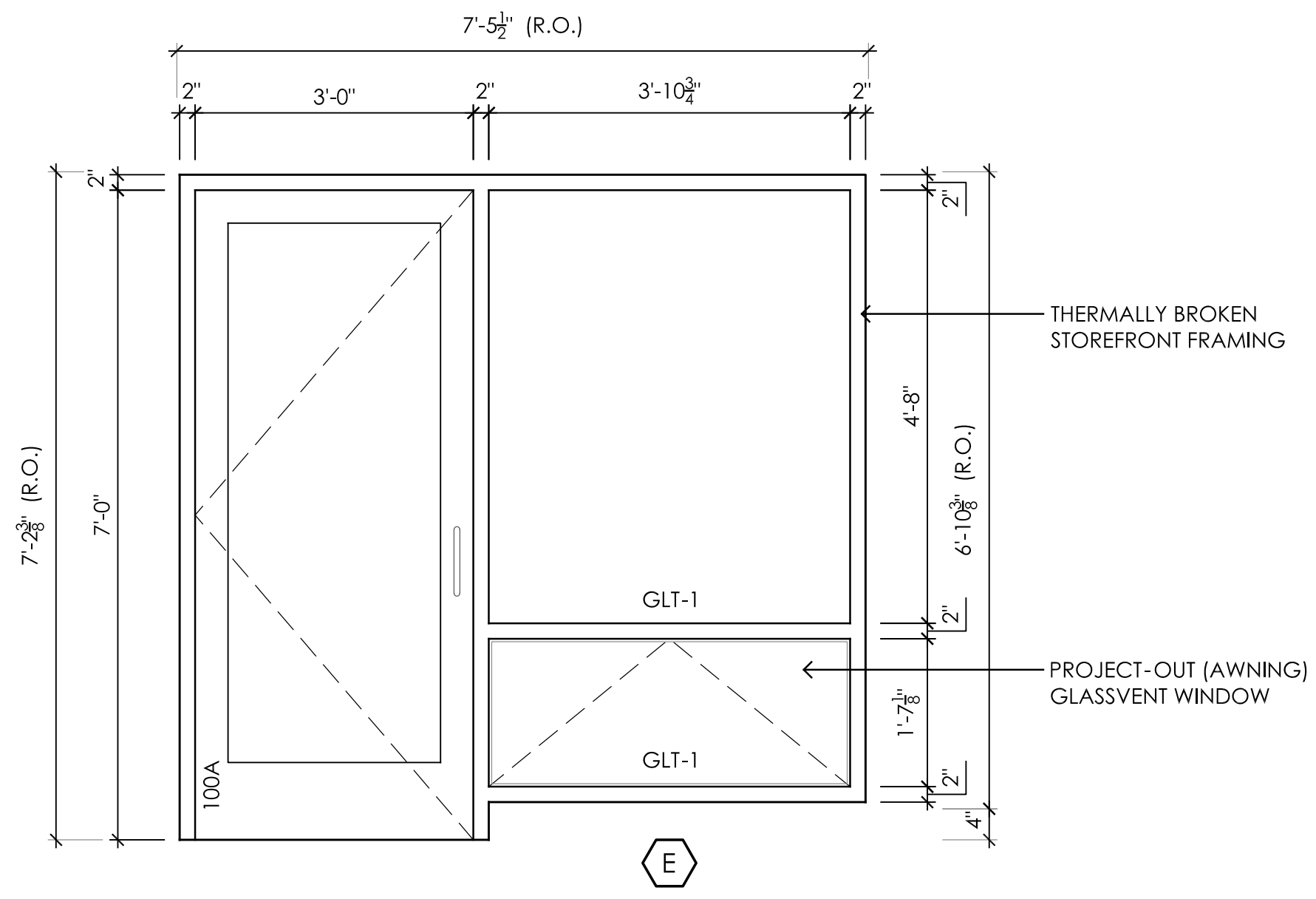
DOOR SCHEDULE REMARKS:

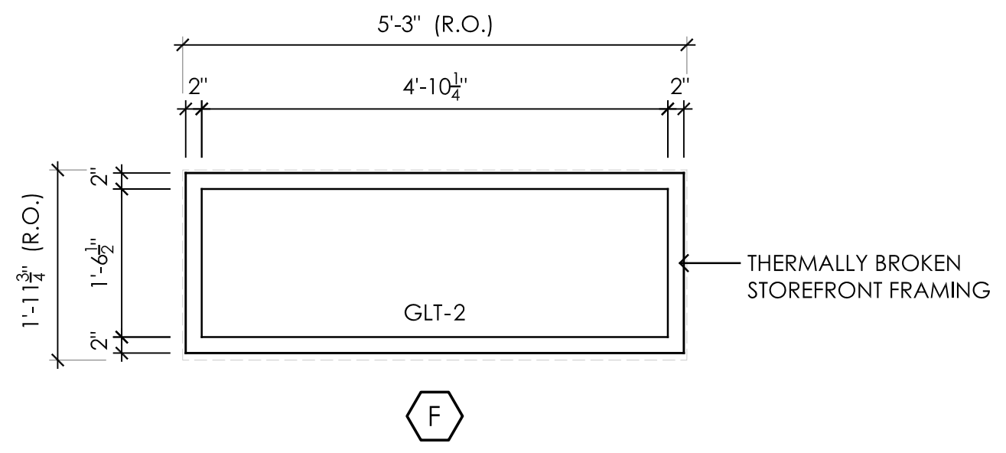
1. THERMALLY BROKEN DOOR AND FRAME
2. KERF FRAME W/ INTEGRAL WEATHER STRIPPING, INSULATED DOOR PANEL
3. INSTALL KICK PLATE ON PUSH SIDE OF DOOR PANEL

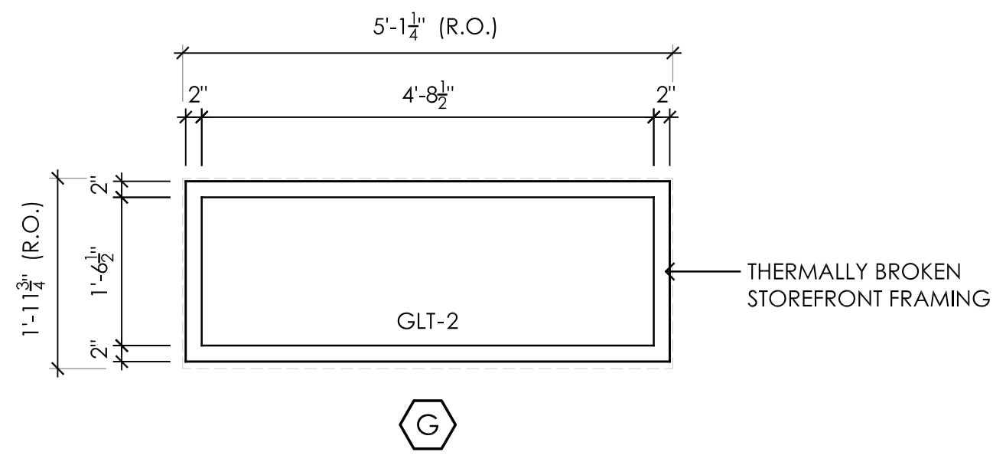

2'-9 1/4" (R.O.)
2"
2'-4 1/2"
2"
6'-10 3/8" (R.O.)
2"
4'-8"
2"
1'-7 1/8"
2"
GLT-1
GLT-1
THERMALLY BROKEN
STOREFRONT FRAMING
PROJECT-OUT (AWNING)
GLASSVENT WINDOW
B


7'-5 1/2" (R.O.)
2"
3'-10 3/4"
2"
3'-0"
2"
6'-10 3/8" (R.O.)
2"
4'-8"
2"
1'-7 1/8"
2"
4"
2"
7'-0"
6'-10 3/8" (R.O.)
GLT-1
GLT-1
100B
THERMALLY BROKEN
STOREFRONT FRAMING
PROJECT-OUT (AWNING)
GLASSVENT WINDOW
C


8'-7 1/2" (R.O.)
2"
4'-0 3/8"
2"
4'-0 3/8"
2"
6'-10 3/8" (R.O.)
2"
4'-8"
2"
1'-7 1/8"
2"
GLT-1
GLT-1
GLT-1
GLT-1
THERMALLY BROKEN
STOREFRONT FRAMING
PROJECT-OUT (AWNING)
GLASSVENT WINDOWS
D


7'-5 1/2" (R.O.)
2"
3'-0"
2"
3'-10 3/4"
2"
7'-2 3/8" (R.O.)
2"
7'-0"
100A
GLT-1
GLT-1
2"
4'-8"
2"
1'-7 1/8"
2"
4"
6'-10 3/8" (R.O.)
THERMALLY BROKEN
STOREFRONT FRAMING
PROJECT-OUT (AWNING)
GLASSVENT WINDOW
E


5'-3" (R.O.)
2"
4'-10 1/4"
2"
1'-11 3/4" (R.O.)
2"
1'-6 1/2"
2"
GLT-2
THERMALLY BROKEN
STOREFRONT FRAMING
F


5'-1 1/4" (R.O.)
2"
4'-8 1/2"
2"
1'-11 3/4" (R.O.)
2"
1'-6 1/2"
2"
GLT-2
THERMALLY BROKEN
STOREFRONT FRAMING
G

2 A600 WINDOW TYPES

1/2" = 1'-0"

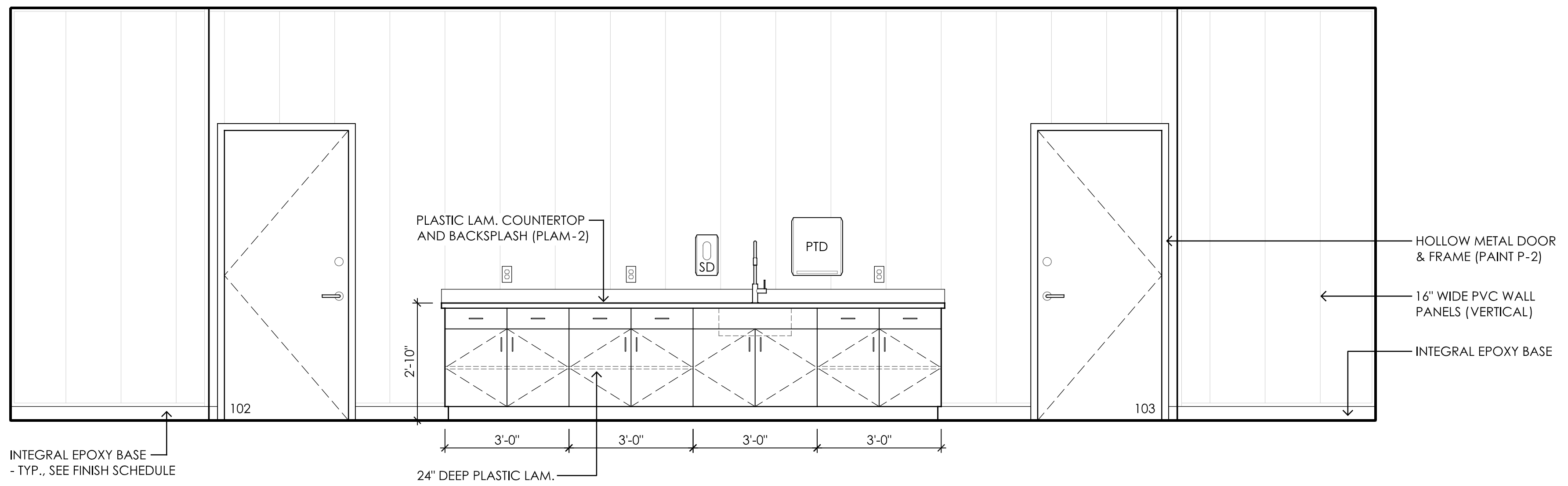
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

PRELIMINARY

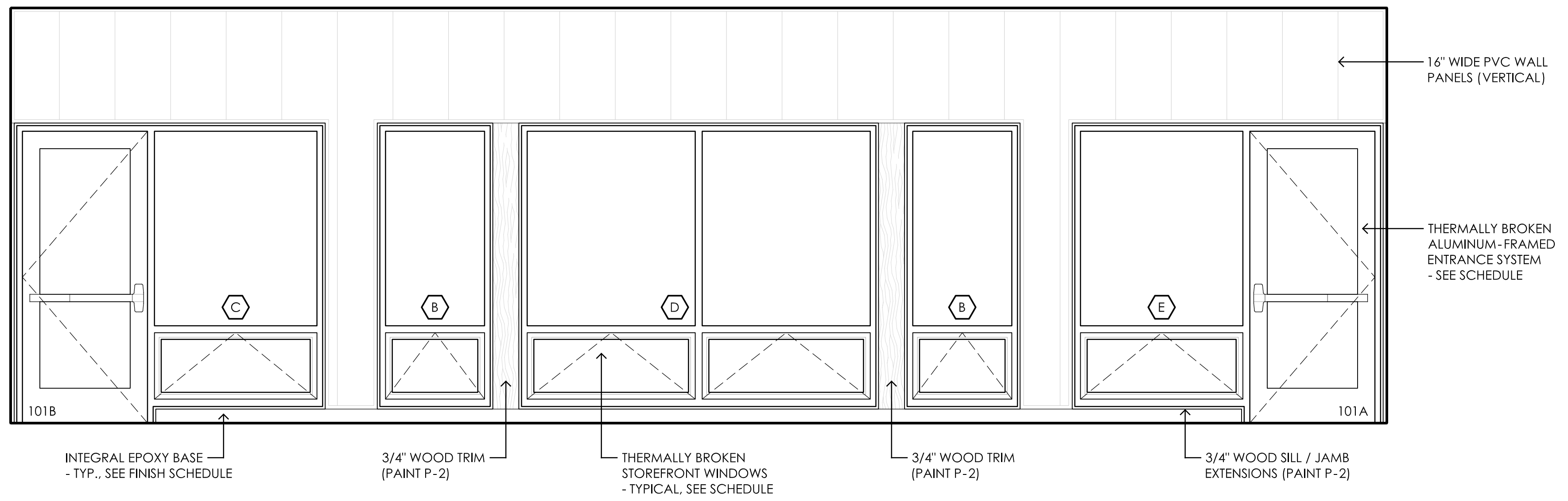
PROJECT
COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

DATE 04/17/26
DRAWN BY CLR
CHECKED BY MWS
PROJECT No 1626
DRAWING TITLE
DOOR & WINDOW TYPES, DOOR SCHEDULE

SHEET No
A600


PLASTIC LAM. COUNTERTOP
AND BACKSPLASH (PLAM-2)
SD
PTD
HOLLOW METAL DOOR
& FRAME (PAINT P-2)
16" WIDE PVC WALL
PANELS (VERTICAL)
INTEGRAL EPOXY BASE
2'-10"
102
103
3'-0"
3'-0"
3'-0"
3'-0"
INTEGRAL EPOXY BASE
- TYP., SEE FINISH SCHEDULE
24" DEEP PLASTIC LAM.
BASE CABINETS (PLAM-1)

1 A700 **EAST WALL ELEVATION - RM #100**
MEETING ROOM 3/8" = 1'-0"


16" WIDE PVC WALL
PANELS (VERTICAL)
THERMALLY BROKEN
ALUMINUM-FRAMED
ENTRANCE SYSTEM
- SEE SCHEDULE
C
B
D
B
E
101B
101A
INTEGRAL EPOXY BASE
- TYP., SEE FINISH SCHEDULE
3/4" WOOD TRIM
(PAINT P-2)
THERMALLY BROKEN
STOREFRONT WINDOWS
- TYPICAL, SEE SCHEDULE
3/4" WOOD TRIM
(PAINT P-2)
3/4" WOOD SILL / JAMB
EXTENSIONS (PAINT P-2)

2 A700 **WEST WALL ELEVATION - RM #100**
MEETING ROOM 3/8" = 1'-0"

EQUIPMENT ABBREVIATIONS:

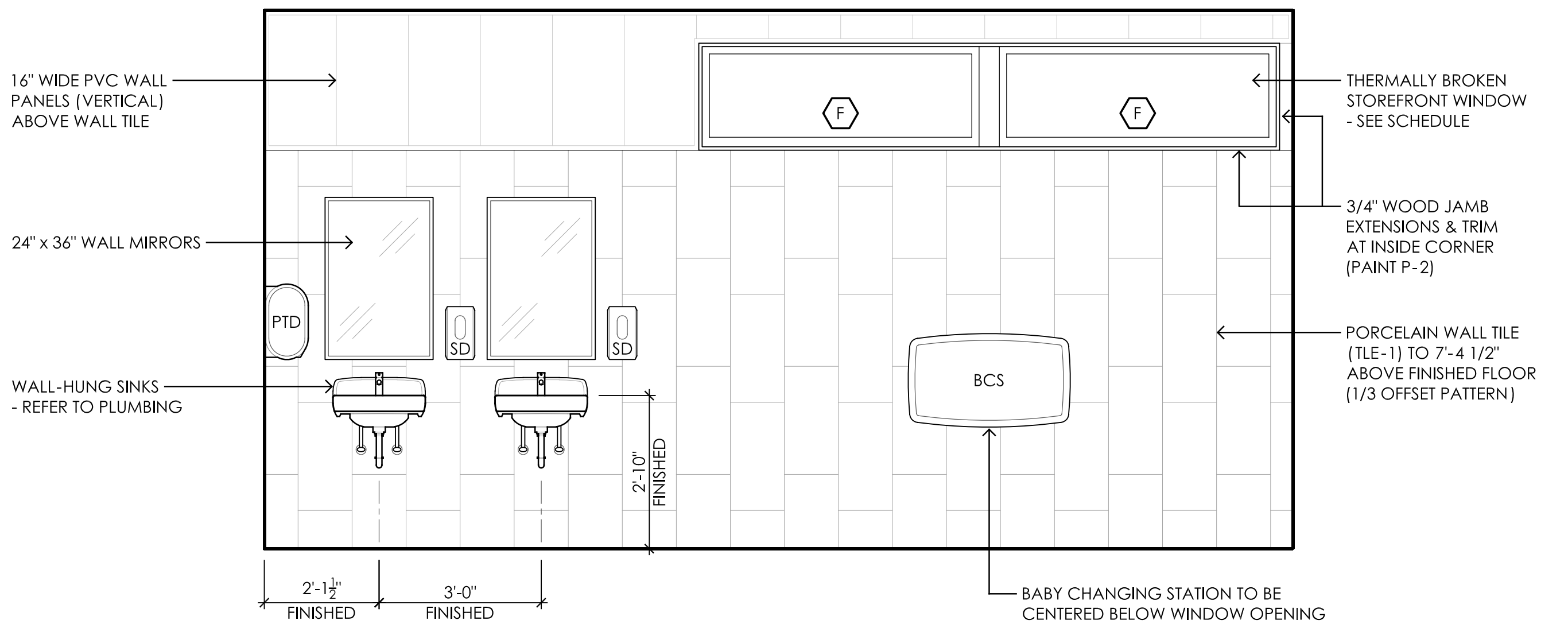
BCS	BABY CHANGING STATION
CH	COAT HOOK
EHD	ELECTRIC HAND DRYER
EWC	ELECTRIC WATER COOLER
FEC	RECESSED FIRE EXTINGUISHER CABINET
FE	FIRE EXTINGUISHER
GB	GRAB BAR
PTD	PAPER TOWEL DISPENSER - SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR
RH	ROBE HOOK
SD	SOAP DISPENSER - SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR
SNR	SANITARY NAPKIN RECEPTACLE
SRC	SHOWER ROD AND CURTAIN
TPD	TOILET PAPER DISPENSER - SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR
WR	WASTE RECEPTACLE - SUPPLIED BY OWNER

TOILET ACCESSORIES RESPONSIBILITY:

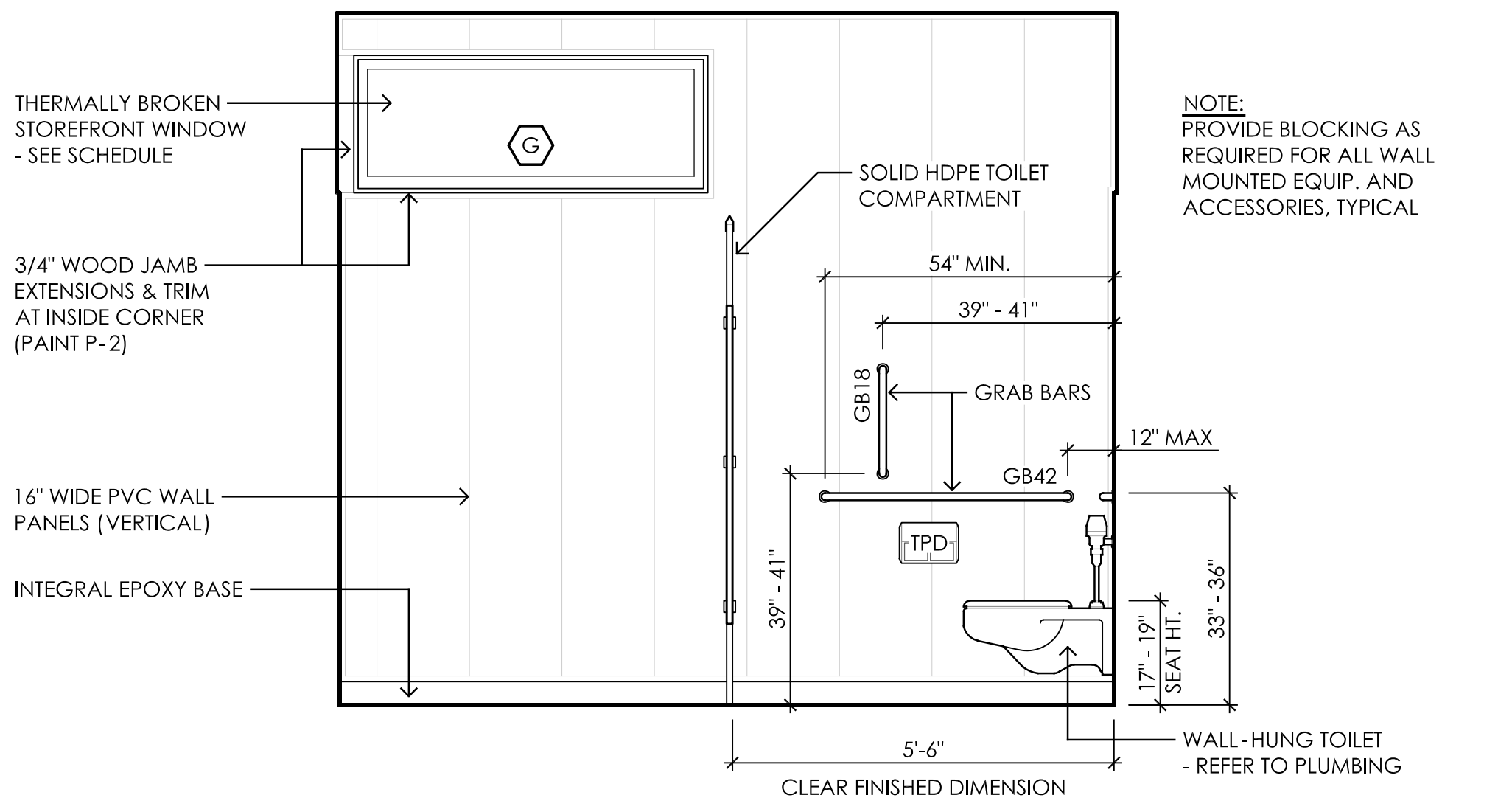
OWNER SUPPLIED / OWNER INSTALLED:
- WASTE RECEPTACLES

OWNER SUPPLIED / CONTRACTOR INSTALLED:
- PAPER TOWEL DISPENSERS
- SOAP DISPENSERS
- TOILET PAPER DISPENSERS
- SHARPS CONTAINERS (1 PER RESTROOM)

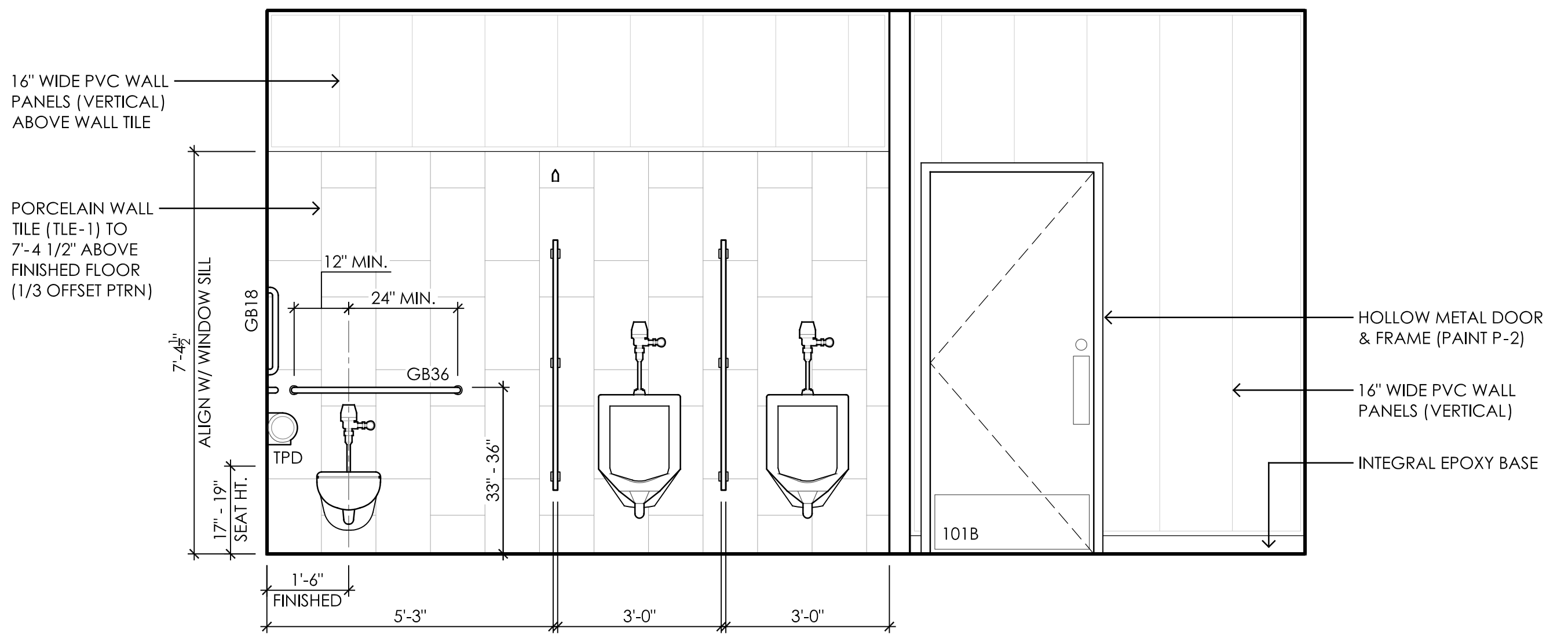
CONTRACTOR SUPPLIED / CONTRACTOR INSTALLED:
- GRAB BARS
- MIRRORS
- BABY CHANGING STATIONS
- SANITARY NAPKIN RECEPTACLE UNITS


16" WIDE PVC WALL
PANELS (VERTICAL)
ABOVE WALL TILE
24" x 36" WALL MIRRORS
PTD
SD
SD
WALL-HUNG SINKS
- REFER TO PLUMBING
F
F
THERMALLY BROKEN
STOREFRONT WINDOW
- SEE SCHEDULE
3/4" WOOD JAMB
EXTENSIONS & TRIM
AT INSIDE CORNER
(PAINT P-2)
PORCELAIN WALL TILE
(TLE-1) TO 7'-4 1/2"
ABOVE FINISHED FLOOR
(1/3 OFFSET PATTERN)
BCS
2'-10" FINISHED
2'-1½" FINISHED
3'-0" FINISHED
BABY CHANGING STATION TO BE
CENTERED BELOW WINDOW OPENING

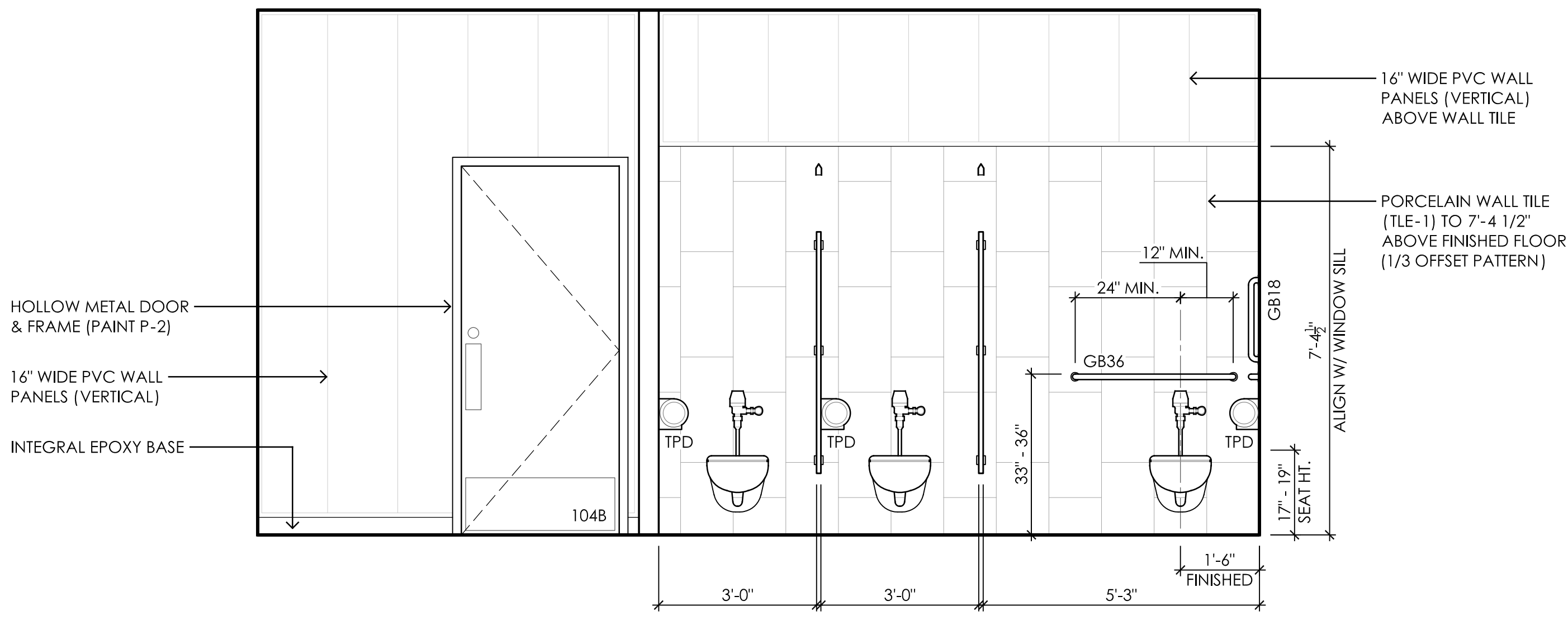
3 A700 **NORTH WALL ELEVATION - RM #101**
MALE RESTROOM 3/8" = 1'-0"


THERMALLY BROKEN
STOREFRONT WINDOW
- SEE SCHEDULE
G
3/4" WOOD JAMB
EXTENSIONS & TRIM
AT INSIDE CORNER
(PAINT P-2)
16" WIDE PVC WALL
PANELS (VERTICAL)
INTEGRAL EPOXY BASE
SOLID HDPE TOILET
COMPARTMENT
NOTE:
PROVIDE BLOCKING AS
REQUIRED FOR ALL WALL
MOUNTED EQUIP. AND
ACCESSORIES, TYPICAL
54" MIN.
39" - 41"
GB18
GRAB BARS
12" MAX
GB42
TPD
39" - 41"
17" - 19" SEAT HT.
33" - 36"
5'-6"
CLEAR FINISHED DIMENSION
WALL-HUNG TOILET
- REFER TO PLUMBING

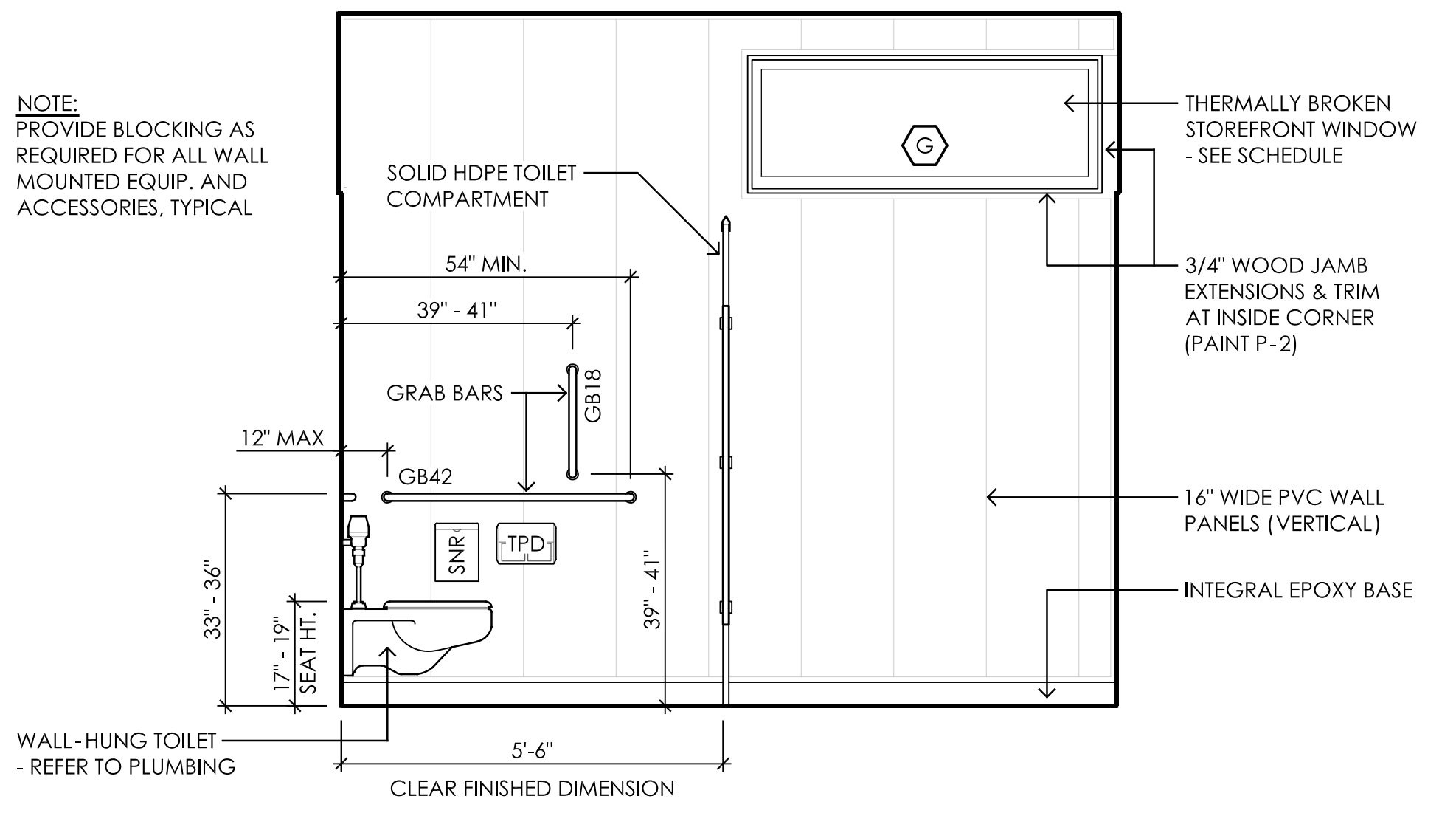
4 A700 **EAST WALL ELEVATION - RM #101**
MALE RESTROOM 3/8" = 1'-0"


16" WIDE PVC WALL
PANELS (VERTICAL)
ABOVE WALL TILE
PORCELAIN WALL
TILE (TLE-1) TO
7'-4 1/2" ABOVE
FINISHED FLOOR
(1/3 OFFSET PTRN)
12" MIN.
24" MIN.
GB18
GB36
7'-4½" ALIGN W/ WINDOW SILL
TPD
17" - 19" SEAT HT.
33" - 36"
1'-6" FINISHED
5'-3"
3'-0"
3'-0"
101B
HOLLOW METAL DOOR
& FRAME (PAINT P-2)
16" WIDE PVC WALL
PANELS (VERTICAL)
INTEGRAL EPOXY BASE

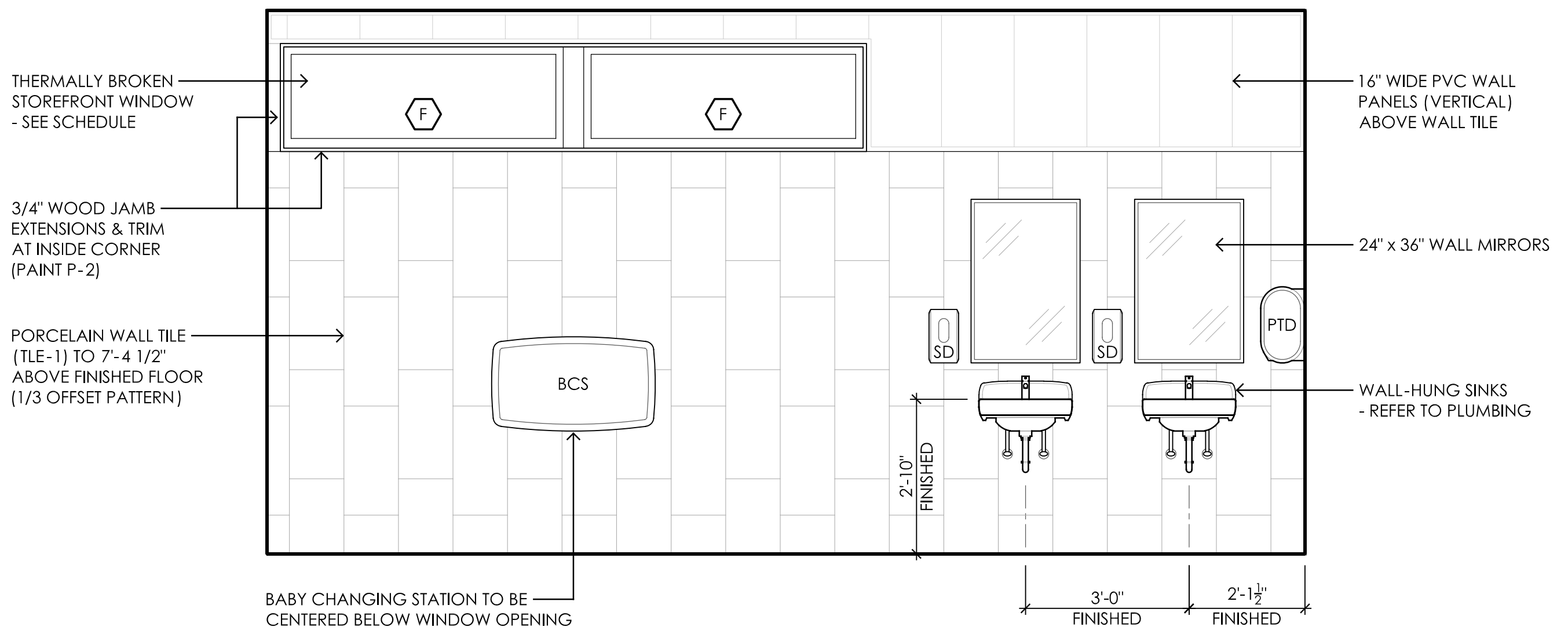
5 A700 **SOUTH WALL ELEVATION - RM #101**
MALE RESTROOM 3/8" = 1'-0"


HOLLOW METAL DOOR
& FRAME (PAINT P-2)
16" WIDE PVC WALL
PANELS (VERTICAL)
INTEGRAL EPOXY BASE
104B
TPD
TPD
TPD
16" WIDE PVC WALL
PANELS (VERTICAL)
ABOVE WALL TILE
PORCELAIN WALL TILE
(TLE-1) TO 7'-4 1/2"
ABOVE FINISHED FLOOR
(1/3 OFFSET PATTERN)
12" MIN.
24" MIN.
GB18
GB36
33" - 36"
7'-4½" ALIGN W/ WINDOW SILL
17" - 19" SEAT HT.
1'-6" FINISHED
3'-0"
3'-0"
5'-3"

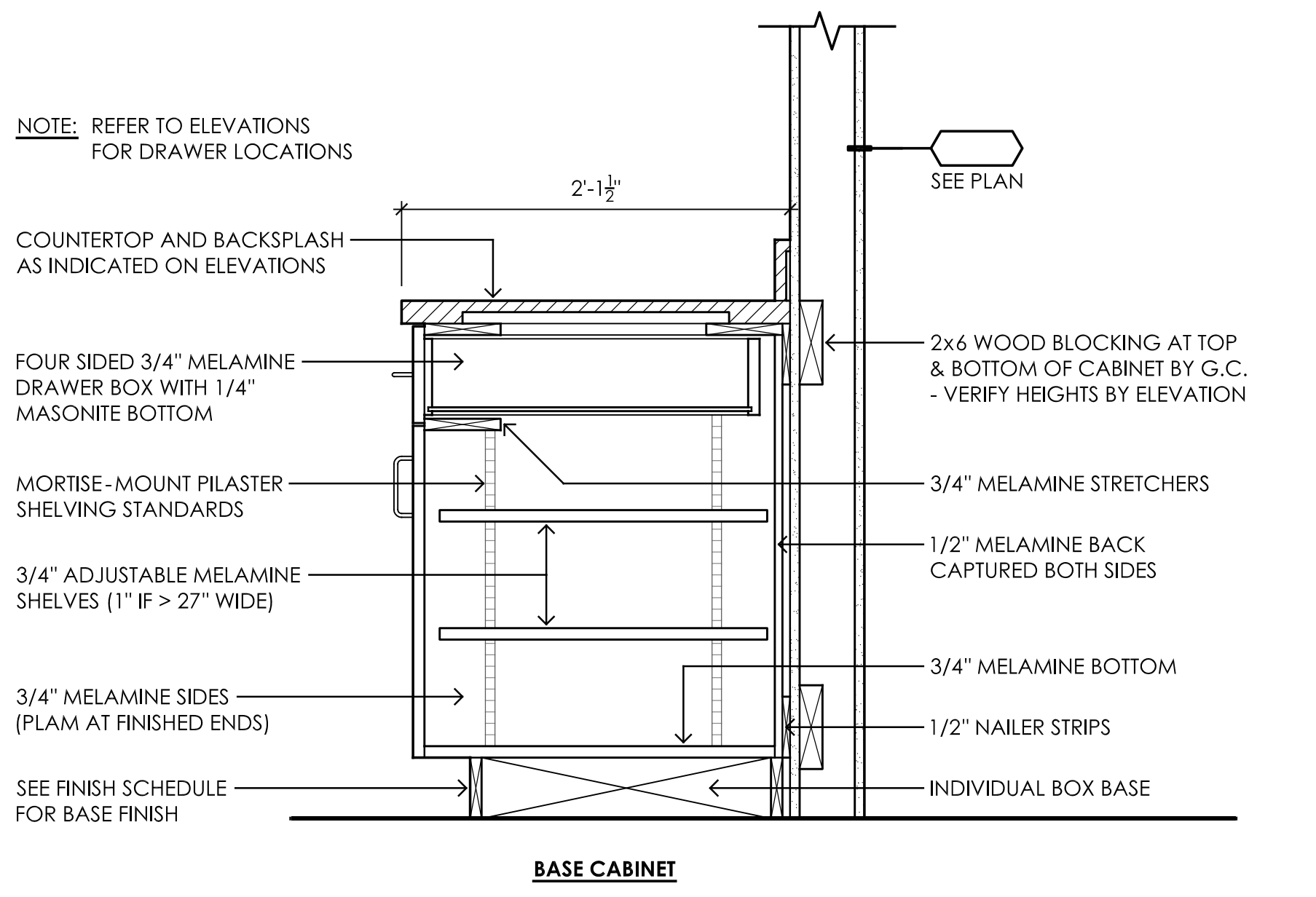
6 A700 **NORTH WALL ELEVATION - RM #104**
FEMALE RESTROOM 3/8" = 1'-0"


NOTE:
PROVIDE BLOCKING AS
REQUIRED FOR ALL WALL
MOUNTED EQUIP. AND
ACCESSORIES, TYPICAL
SOLID HDPE TOILET
COMPARTMENT
54" MIN.
39" - 41"
GRAB BARS
GB18
12" MAX
GB42
SNR
TPD
33" - 36"
17" - 19" SEAT HT.
39" - 41"
WALL-HUNG TOILET
- REFER TO PLUMBING
5'-6"
CLEAR FINISHED DIMENSION
G
THERMALLY BROKEN
STOREFRONT WINDOW
- SEE SCHEDULE
3/4" WOOD JAMB
EXTENSIONS & TRIM
AT INSIDE CORNER
(PAINT P-2)
16" WIDE PVC WALL
PANELS (VERTICAL)
INTEGRAL EPOXY BASE

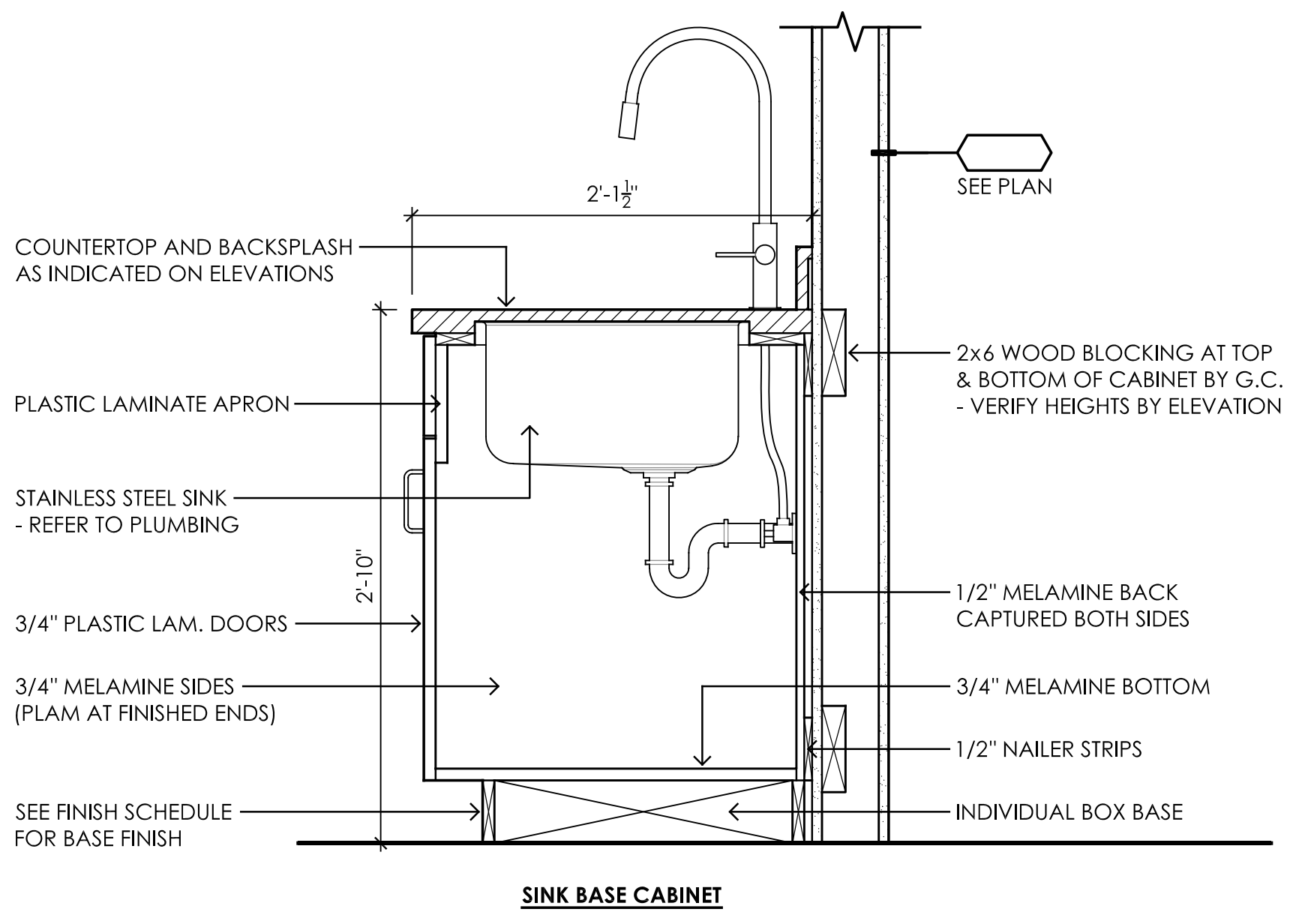
7 A700 **EAST WALL ELEVATION - RM #104**
FEMALE RESTROOM 3/8" = 1'-0"


THERMALLY BROKEN
STOREFRONT WINDOW
- SEE SCHEDULE
F
F
3/4" WOOD JAMB
EXTENSIONS & TRIM
AT INSIDE CORNER
(PAINT P-2)
PORCELAIN WALL TILE
(TLE-1) TO 7'-4 1/2"
ABOVE FINISHED FLOOR
(1/3 OFFSET PATTERN)
BCS
SD
SD
PTD
16" WIDE PVC WALL
PANELS (VERTICAL)
ABOVE WALL TILE
24" x 36" WALL MIRRORS
WALL-HUNG SINKS
- REFER TO PLUMBING
2'-10" FINISHED
3'-0" FINISHED
2'-1½" FINISHED
BABY CHANGING STATION TO BE
CENTERED BELOW WINDOW OPENING

8 A700 **SOUTH WALL ELEVATION - RM #104**
FEMALE RESTROOM 3/8" = 1'-0"


NOTE: REFER TO ELEVATIONS
FOR DRAWER LOCATIONS
2'-1½"
SEE PLAN
COUNTERTOP AND BACKSPLASH
AS INDICATED ON ELEVATIONS
FOUR SIDED 3/4" MELAMINE
DRAWER BOX WITH 1/4"
MASONITE BOTTOM
MORTISE-MOUNT PILASTER
SHELVING STANDARDS
3/4" ADJUSTABLE MELAMINE
SHELVES (1" IF > 27" WIDE)
3/4" MELAMINE SIDES
(PLAM AT FINISHED ENDS)
SEE FINISH SCHEDULE
FOR BASE FINISH
2x6 WOOD BLOCKING AT TOP
& BOTTOM OF CABINET BY G.C.
- VERIFY HEIGHTS BY ELEVATION
3/4" MELAMINE STRETCHERS
1/2" MELAMINE BACK
CAPTURED BOTH SIDES
3/4" MELAMINE BOTTOM
1/2" NAILER STRIPS
INDIVIDUAL BOX BASE
BASE CABINET

9 A700 **TYP. BASE CABINET SECTION**
1" = 1'-0"


2'-1½"
SEE PLAN
COUNTERTOP AND BACKSPLASH
AS INDICATED ON ELEVATIONS
PLASTIC LAMINATE APRON
STAINLESS STEEL SINK
- REFER TO PLUMBING
2'-10"
3/4" PLASTIC LAM. DOORS
3/4" MELAMINE SIDES
(PLAM AT FINISHED ENDS)
SEE FINISH SCHEDULE
FOR BASE FINISH
2x6 WOOD BLOCKING AT TOP
& BOTTOM OF CABINET BY G.C.
- VERIFY HEIGHTS BY ELEVATION
1/2" MELAMINE BACK
CAPTURED BOTH SIDES
3/4" MELAMINE BOTTOM
1/2" NAILER STRIPS
INDIVIDUAL BOX BASE
SINK BASE CABINET

10 A700 **SINK BASE CABINET SECTION**
1" = 1'-0"

river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

PRELIMINARY

PROJECT
COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

DATE 04/17/26
DRAWN BY CLR
CHECKED BY MWS
PROJECT No 1626
DRAWING TITLE INTERIOR ELEVATIONS, CASEWORK DETAILS

SHEET No
A700

PROJECT: Copeland Park Shelter
1130 Rose Street
La Crosse, WI

Wisconsin Drainage Fixture Unit Calculations - NON GREASY WASTE

NO. OF FIXTURES	FIXTURE DESCRIPTION	Drainage Fixture Unit Value	TOTAL DFU's	NO. OF FIXTURES	FIXTURE DESCRIPTION	Drainage Fixture Unit Value	TOTAL DFU's	NO. OF FIXTURES	FIXTURE DESCRIPTION	Drainage Fixture Unit Value	TOTAL DFU's
PUBLIC FIXTURES				**PUBLIC FIXTURES**				**PUBLIC FIXTURES**			
First Floor Level				**First Floor Level**				**First Floor Level**			
	Automatic Clothes Washer, Individual	4			Refrigerated Food Display Case	1			Sterilizers		
	Automatic Clothes Washer, Large Capacity				Shower Stall				Bedpan	4	
	Automatic Self Service Laundry	3			Residential	2			Garbage can washer	3	
	Residential Washer	4			Public, Individual	2			Instrument or water	1	
	Autopsy Table				Public, Group (per head)	2		2	Urinal	2	4
	Bathroom Group	6			Sinks				Water Closet, nonpublic	4	
	Water Closet				Bar, residential	1		4	Water Closet, public	6	24
	Lavoratory			1	Breakroom, single compartment	1	1				
	Bathtub/Shower				Cup	0.5					
	Bathtub (All Types)	2			Factory, Wash, per set of faucets	1					
	Bedpan Washer	6			Fountain, wash up	1					
	Beer Tap	0.5			Food Waster, Grinder, 2hp or less	2					
	Bidet	2			Food Waster, Grinder, 3hp or less	3					
	Bottle Cooler	0.5			Laboratory	2					
	Campsite Receptor	6			Laboratory, school	2					
	Coffee Maker	0.5			Classroom	1					
	Cuspidor, Fountain or Dental	1			Pack of Plaster	3					
	Dipper Well	1			Residential w/ or w/o grinder	2					
	Dishwasher - Commercial Type				Restaurant, Scullery 4 compartments of less	3					
	Dishwasher - Residential Type	2.0			Food, Rinsing, cleaning or thawing	3					
	Drinking Fountain	0.5			Service Sink, 2 inch diameter, wall outlet	2					
	Exhaust Hood Washer	4			Service Sink, 3 inch diameter, wall outlet	3					
	Floor Drain				Service Sink, 2 inch diameter, floor outlet	2					
	2 inch	2		1	Service Sink, 3 inch diameter, floor outlet	3	3				
4	3 inch	3	12		Shampoo Sink, barber or beauty parlor	2					
	4 inch	4			Surgeons, wash up	3					
	Larger than 4 inch	4			Wash Fountain, circular and semi-circular	2					
	Glass Filler	0.5			Receptors of Indirect Waste, Gravity Flow						
	Health Care Fixture				1-1/4 inch receptor outlet diameter	1					
	Clinic Sink	6			1-1/2 inch receptor outlet diameter	2					
	Exam/Treatment Sink	1			2 inch receptor outlet diamter	3					
	Sitz bath	2			3 inch receptor outlet diamter	4					
	Ice Chest	0.5			4 inch receptor outlet diamter	6					
	Laundry Tray 1 or 2 compartment	2			Larger than 4 inch receptor	8					
4	Lavatory	1	4		Soda Dispenser	0.5					
	Lavatory combination per trap	1				1					
	Mobile Home	11									
Column Total			**16**	**Column Total**			**4**	**Column Totals**			**28**

GRAND TOTAL	**48**
Sewer Size	**4 Inch**

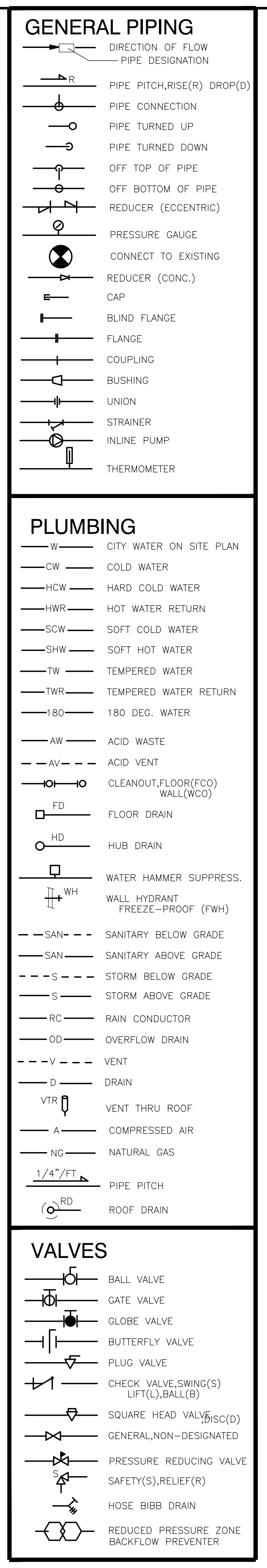
PROJECT: Copeland Park Shelter

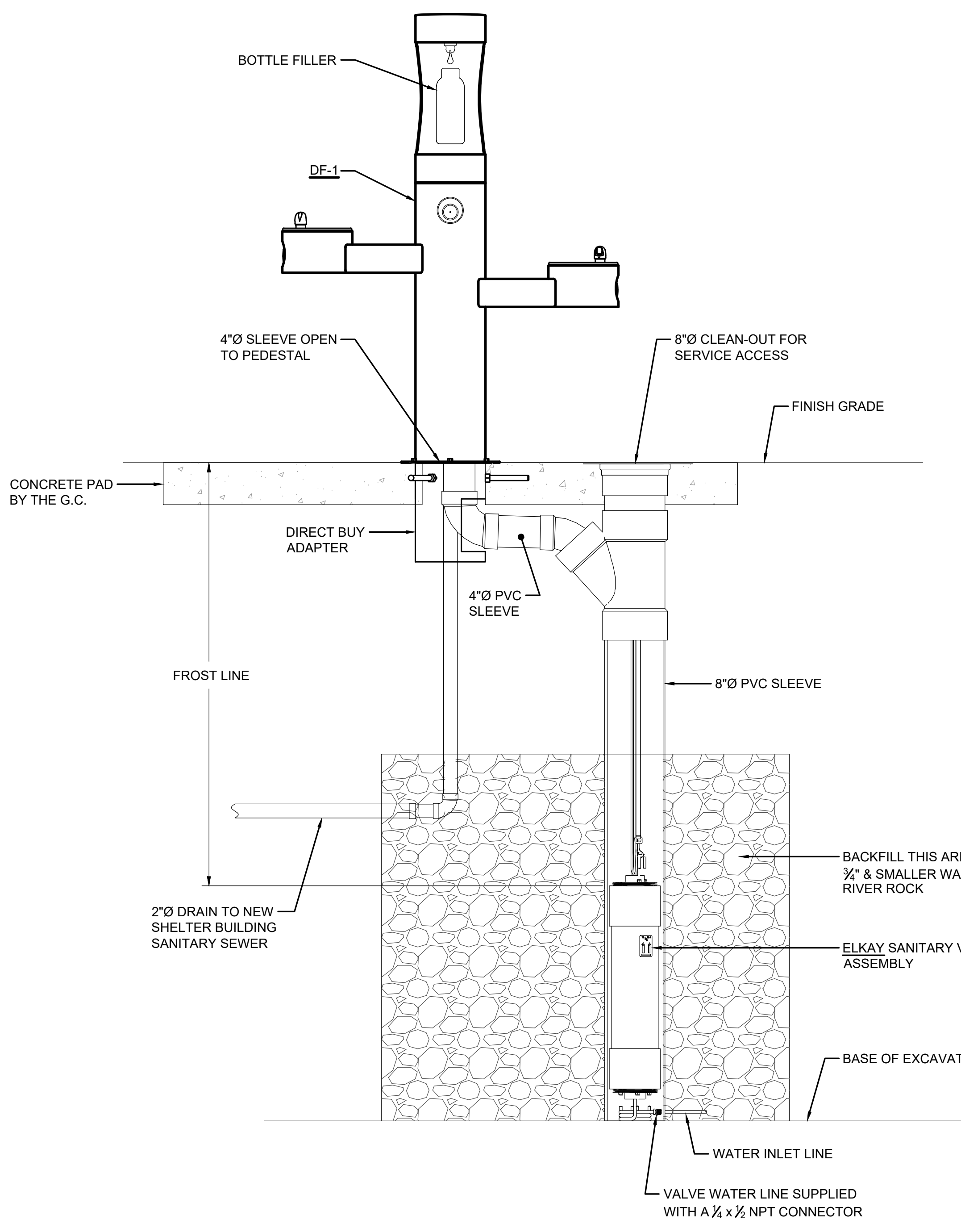
Wisconsin Domestic Water Service Calculations

NO. OF FIXTURES	FIXTURE DESCRIPTION	WATER SUPPLY FIXTURES UNITS (WFSU)						
		HOT PER FIXTURE	TOTAL HOT	COLD PER FIXTURE	TOTAL COLD	COMMON PER FIXTURE	COMMON TOTAL	REMARKS
PUBLIC FIXTURES								
	Automatic Clothes Washer, Individual	2.0		2.0		3.0		
	Automatic Clothes Washer, Large Capacity							
	Bathtub, With or Without Shower Head	2.0		2.0		3.0		
	Coffeemaker			0.5		0.5		
	Dishwasher, Commercial							
	Drink Dispenser			0.5		0.5		
	Drinking Fountain			0.25		0.25		
	Glass Filler			0.5		0.5		
	Hose Bibb:							
	1/2" diameter			3.0		3.0		
5	3/4" diameter			4.0	20	4.0	20	
	Icemaker			0.5		0.5		
4	Lavoratory	0.5	2	0.5	2	1.0	4	
	Shower, Per Head	2.0		2.0		3.0		
	Sinks:							
1	Bar and Fountain (Breakroom)	1.5	1.5	1.5	1.5	2.0	2	
	Barber and Shampoo	1.5		1.5		2.0		
	Cup			0.5		0.5		
	Flushing Rim			7.0		7		
	Kitchen and Food Preparation per Faucet	2.0		2.0		3.0		
	Laboratory	1.0		1.0		1.5		
	Classroom	1.0		1.0		1.5		
1	Service	2.0	2	2.0	2	3.0	3	
	Surgeon Washup							
	Urinal:							
	Syphon Jet			4.0		4.0		
2	Washdown			2.0	4	2.0	4	
	Wall Hydrant, Hot and Cold Mix:							
	1/2" diameter	2.0		2.0		3.0		
	3/4" diameter	3.0		3.0		4.0		
	Wash Fountain:							
	Semicircular	1.5		1.5		2.0		
	Circular							
	Water Closet:							
4	Flushometer			6.5	26	6.5	26	
	Gravity Type Flush Tank			3.0		3.0		
PUBLIC TOTALS			6		56		59	

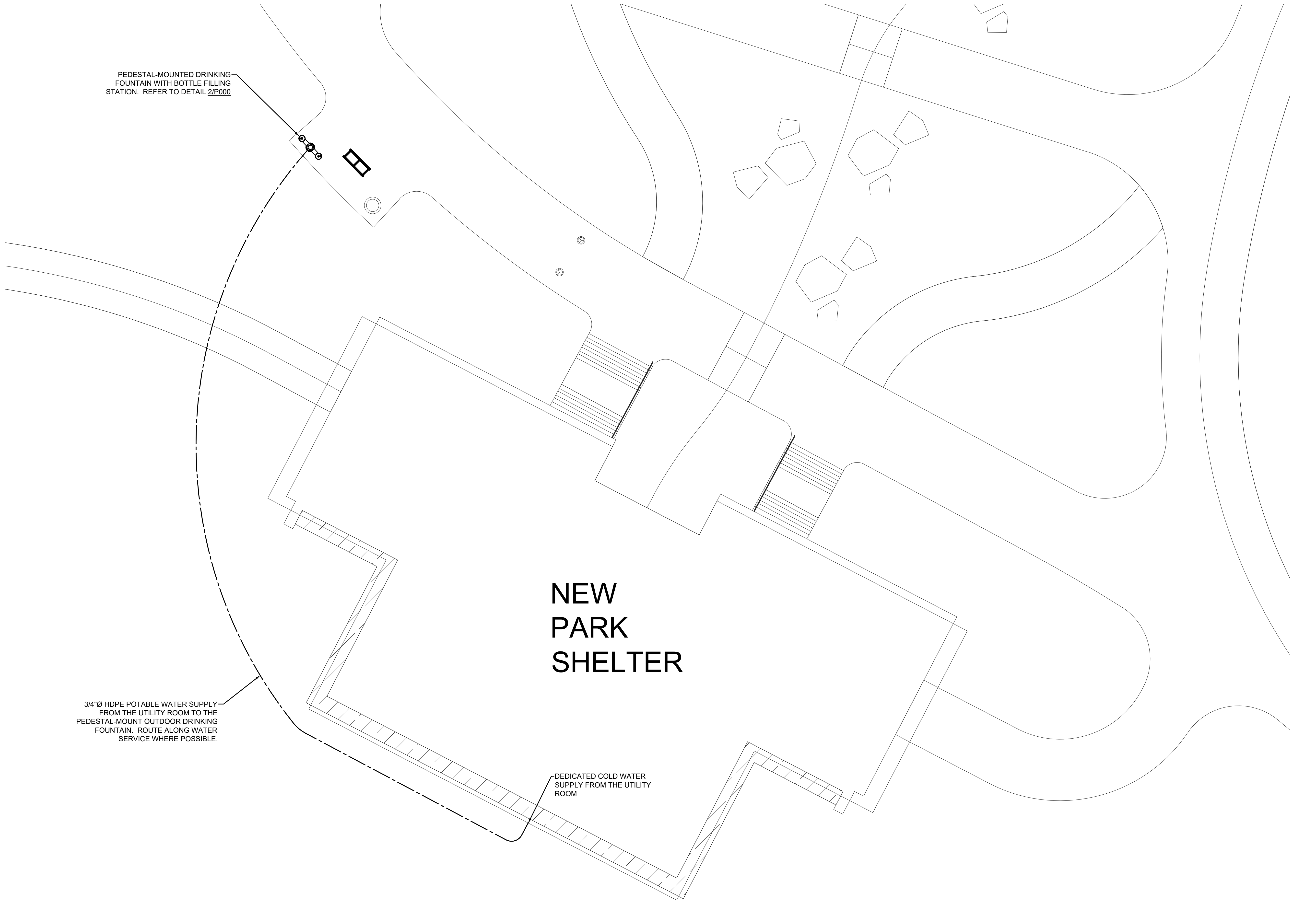
REMARKS:

Peak Water Usage:
6.0 WSFU Hot = 4.5 GPM
56.0 WSFU Cold (predominantly flush valve) = 52.8 GPM
59.0 WSFU Total (predominantly flush valve) = 53.7 GPM


GENERAL PIPING
DIRECTION OF FLOW
PIPE DESIGNATION
R
PIPE PITCH,RISE(R) DROP(D)
PIPE CONNECTION
PIPE TURNED UP
PIPE TURNED DOWN
OFF TOP OF PIPE
OFF BOTTOM OF PIPE
REDUCER (ECCENTRIC)
PRESSURE GAUGE
CONNECT TO EXISTING
REDUCER (CONC.)
CAP
BLIND FLANGE
FLANGE
COUPLING
BUSHING
UNION
STRAINER
INLINE PUMP
THERMOMETER
PLUMBING
W
CITY WATER ON SITE PLAN
CW
COLD WATER
HCW
HARD COLD WATER
HWR
HOT WATER RETURN
SCW
SOFT COLD WATER
SHW
SOFT HOT WATER
TW
TEMPERED WATER
TWR
TEMPERED WATER RETURN
180
180 DEG. WATER
AW
ACID WASTE
AV
ACID VENT
CLEANOUT,FLOOR(FCO) WALL(WCO)
FD
FLOOR DRAIN
HD
HUB DRAIN
WATER HAMMER SUPPRESS.
WH
WALL HYDRANT FREEZE–PROOF (FWH)
SAN
SANITARY BELOW GRADE
SAN
SANITARY ABOVE GRADE
S
STORM BELOW GRADE
S
STORM ABOVE GRADE
RC
RAIN CONDUCTOR
OD
OVERFLOW DRAIN
V
VENT
D
DRAIN
VTR
VENT THRU ROOF
A
COMPRESSED AIR
NG
NATURAL GAS
1/4"/FT
PIPE PITCH
RD
ROOF DRAIN
VALVES
BALL VALVE
GATE VALVE
GLOBE VALVE
BUTTERFLY VALVE
PLUG VALVE
CHECK VALVE,SWING(S) LIFT(L),BALL(B)
SQUARE HEAD VALVE,DISC(D)
GENERAL,NON–DESIGNATED
PRESSURE REDUCING VALVE
S
SAFETY(S),RELIEF(R)
HOSE BIBB DRAIN
REDUCED PRESSURE ZONE BACKFLOW PREVENTER


BOTTLE FILLER
DF-1
4"Ø SLEEVE OPEN TO PEDESTAL
8"Ø CLEAN-OUT FOR SERVICE ACCESS
FINISH GRADE
CONCRETE PAD BY THE G.C.
DIRECT BUY ADAPTER
4"Ø PVC SLEEVE
FROST LINE
8"Ø PVC SLEEVE
BACKFILL THIS AREA w/ ¾" & SMALLER WASHED RIVER ROCK
2"Ø DRAIN TO NEW SHELTER BUILDING SANITARY SEWER
ELKAY SANITARY VALVE ASSEMBLY
BASE OF EXCAVATION
WATER INLET LINE
VALVE WATER LINE SUPPLIED WITH A ¼ x ½ NPT CONNECTOR

2
P000
DRINKING FOUNTAIN (DF-1) DETAIL
NTS


PEDESTAL-MOUNTED DRINKING FOUNTAIN WITH BOTTLE FILLING STATION. REFER TO DETAIL 2/P000
NEW PARK SHELTER
3/4"Ø HDPE POTABLE WATER SUPPLY FROM THE UTILITY ROOM TO THE PEDESTAL-MOUNT OUTDOOR DRINKING FOUNTAIN. ROUTE ALONG WATER SERVICE WHERE POSSIBLE.
DEDICATED COLD WATER SUPPLY FROM THE UTILITY ROOM

1
P000
PARTIAL SITE PLAN
1/8" = 1'-0"

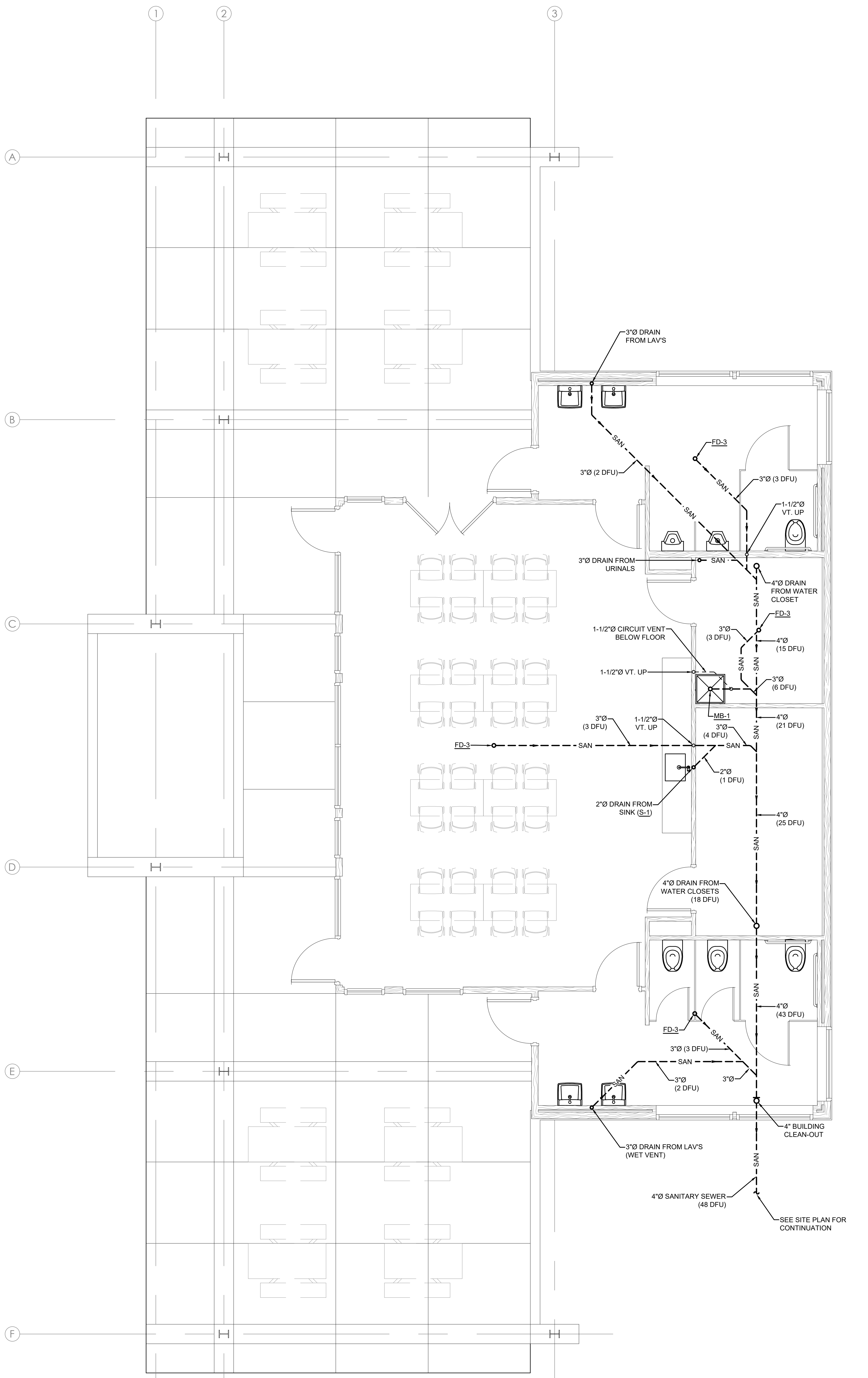
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

galileo
GROUP
2045 32nd STREET SOUTH
LA CROSSE, WISCONSIN 54601
PHONE: (608) 787-9106
E-MAIL: colson@galileo-group.us

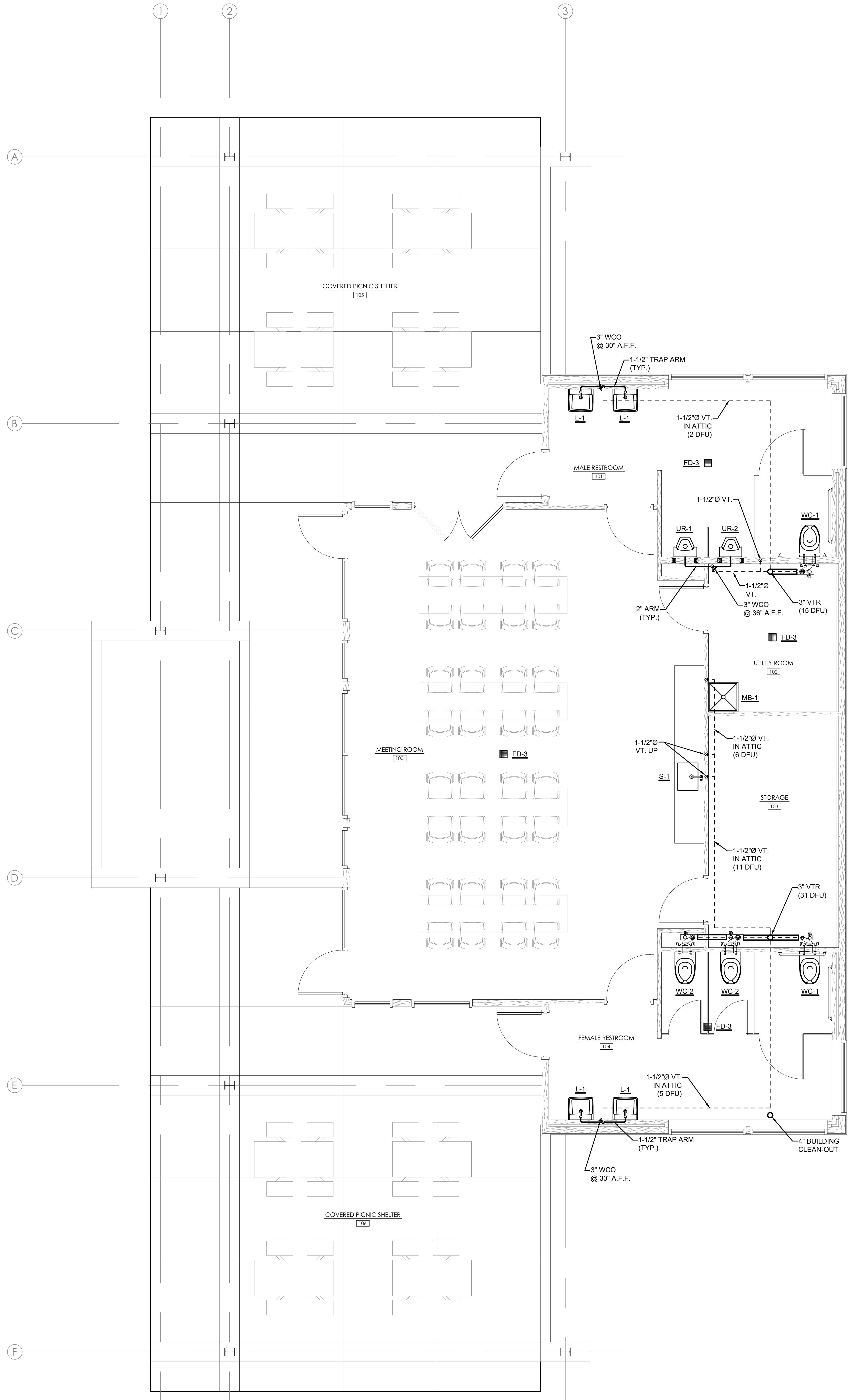
PROJECT
COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

DATE	04/17/26	**PROJECT No**	1626
DRAWN BY	Galileo	**DRAWING TITLE**	PLUMBING SYMBOLS, CALCULATIONS AND SITE PLAN
CHECKED BY	Galileo		

P000


1
2
3
A
B
C
D
E
F
3"Ø DRAIN FROM LAV'S
SAN
3"Ø (2 DFU)
FD-3
3"Ø (3 DFU)
1-1/2"Ø VT. UP
3"Ø DRAIN FROM URINALS
4"Ø DRAIN FROM WATER CLOSET
FD-3
3"Ø (3 DFU)
4"Ø (15 DFU)
1-1/2"Ø CIRCUIT VENT BELOW FLOOR
1-1/2"Ø VT. UP
3"Ø (6 DFU)
MB-1
3"Ø (3 DFU)
1-1/2"Ø VT. UP
3"Ø (4 DFU)
4"Ø (21 DFU)
FD-3
2"Ø (1 DFU)
2"Ø DRAIN FROM SINK (S-1)
4"Ø (25 DFU)
4"Ø DRAIN FROM WATER CLOSETS (18 DFU)
4"Ø (43 DFU)
FD-3
3"Ø (3 DFU)
3"Ø (2 DFU)
3"Ø
4" BUILDING CLEAN-OUT
3"Ø DRAIN FROM LAV'S (WET VENT)
4"Ø SANITARY SEWER (48 DFU)
SEE SITE PLAN FOR CONTINUATION

1 P100 **UNDERFLOOR SANITARY PLAN**
1/4" = 1'-0"


1
2
3
A
B
C
D
E
F
COVERED PICNIC SHELTER
105
3" WCO @ 30" A.F.F.
1-1/2" TRAP ARM (TYP.)
L-1
L-1
1-1/2"Ø VT. IN ATTIC (2 DFU)
FD-3
MALE RESTROOM
101
1-1/2"Ø VT.
UR-1
UR-2
WC-1
1-1/2"Ø VT.
2" ARM (TYP.)
3" WCO @ 36" A.F.F.
3" VTR (15 DFU)
FD-3
UTILITY ROOM
102
MB-1
MEETING ROOM
100
FD-3
1-1/2"Ø VT. UP
1-1/2"Ø VT. IN ATTIC (6 DFU)
S-1
STORAGE
103
1-1/2"Ø VT. IN ATTIC (11 DFU)
3" VTR (31 DFU)
WC-2
WC-2
WC-1
FD-3
FEMALE RESTROOM
104
1-1/2"Ø VT. IN ATTIC (5 DFU)
L-1
L-1
1-1/2" TRAP ARM (TYP.)
4" BUILDING CLEAN-OUT
3" WCO @ 30" A.F.F.
COVERED PICNIC SHELTER
106

2 P100 **FIRST FLOOR SANITARY PLAN**
1/4" = 1'-0"

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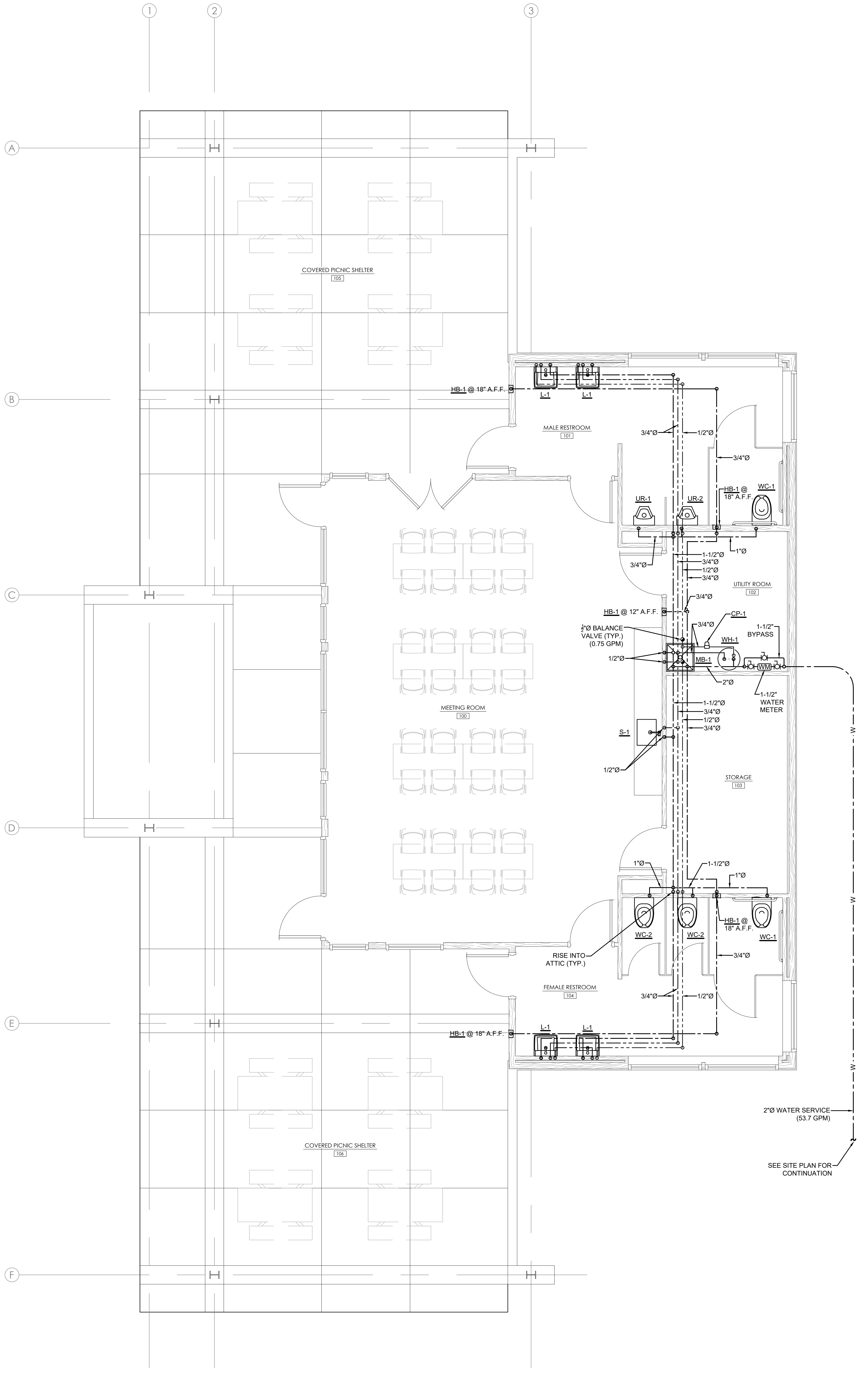
PROJECT
COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

DATE 04/17/26
PROJECT No 1626
DRAWN BY Galileo
DRAWING TITLE SANITARY PLANS
CHECKED BY Galileo

P100


1
2
3
A
B
C
D
E
F
COVERED PICNIC SHELTER
105
MALE RESTROOM
101
HB-1 @ 18" A.F.F.
L-1
L-1
3/4"Ø
1/2"Ø
3/4"Ø
UR-1
UR-2
HB-1 @ 18" A.F.F.
WC-1
1"Ø
3/4"Ø
1-1/2"Ø
3/4"Ø
1/2"Ø
3/4"Ø
UTILITY ROOM
102
3/4"Ø
HB-1 @ 12" A.F.F.
½"Ø BALANCE VALVE (TYP.) (0.75 GPM)
1/2"Ø
3/4"Ø
CP-1
WH-1
MB-1
1-1/2" BYPASS
WM
2"Ø
1-1/2" WATER METER
MEETING ROOM
100
1-1/2"Ø
3/4"Ø
1/2"Ø
3/4"Ø
S-1
1/2"Ø
STORAGE
103
W
W
W
1"Ø
1-1/2"Ø
1"Ø
WC-2
WC-2
HB-1 @ 18" A.F.F.
WC-1
RISE INTO ATTIC (TYP.)
3/4"Ø
FEMALE RESTROOM
104
3/4"Ø
1/2"Ø
L-1
L-1
HB-1 @ 18" A.F.F.
2"Ø WATER SERVICE (53.7 GPM)
SEE SITE PLAN FOR CONTINUATION
COVERED PICNIC SHELTER
106

1
P101
DOMESTIC WATER PLAN
1/4" = 1'-0"

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SHELTER BUILDING + SITE IMPROVEMENTS
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DATE 04/17/26
PROJECT No 1626
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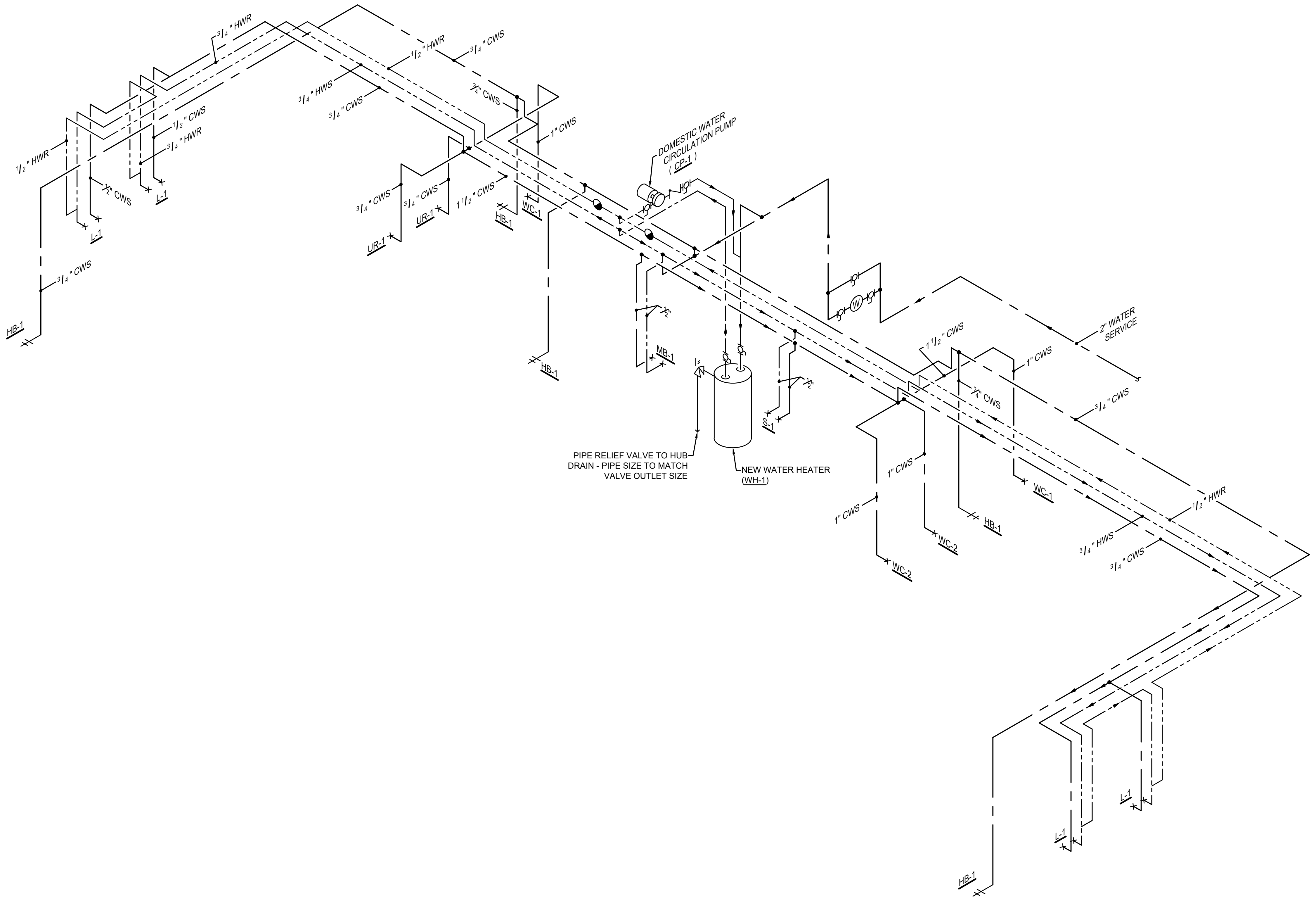
DRAWING TITLE
DOMESTIC WATER PLAN & ISOMETRIC VIEWS
CHECKED BY Galileo

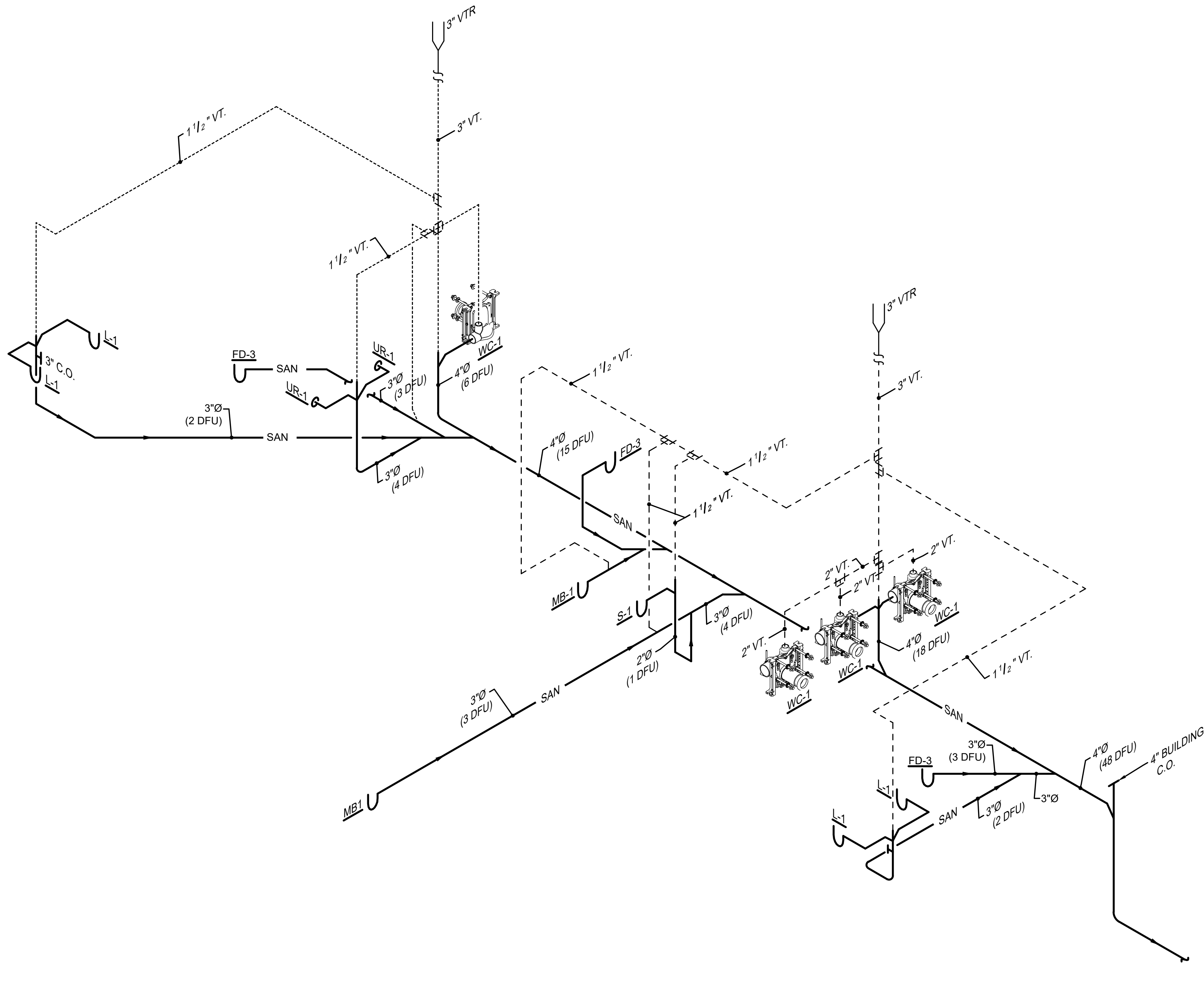
P101


1/2" HWR
3/4" HWR
1/2" CWS
3/4" HWR
1/2" CWS
L-1
L-1
3/4" CWS
HB-1
3/4" HWS
3/4" CWS
1/2" HWR
3/4" CWS
3/4" CWS
1" CWS
3/4" CWS
3/4" CWS
1 1/2" CWS
UR-1
UR-1
HB-1
WC-1
HB-1
DOMESTIC WATER CIRCULATION PUMP (CP-1)
MB-1
1/2"
S-1
1/2"
PIPE RELIEF VALVE TO HUB DRAIN - PIPE SIZE TO MATCH VALVE OUTLET SIZE
NEW WATER HEATER (WH-1)
2" WATER SERVICE
1 1/2" CWS
1" CWS
3/4" CWS
3/4" CWS
1" CWS
1" CWS
WC-1
WC-2
WC-2
HB-1
1/2" HWR
3/4" HWS
3/4" CWS
L-1
L-1
HB-1

2 DOMESTIC WATER ISOMETRIC

P200

N.T.S.


3" VTR
3" VT.
1 1/2" VT.
1 1/2" VT.
L-1
3" C.O.
L-1
FD-3
SAN
UR-1
UR-1
3"Ø (3 DFU)
WC-1
4"Ø (6 DFU)
3"Ø (2 DFU)
SAN
3"Ø (4 DFU)
1 1/2" VT.
4"Ø (15 DFU)
FD-3
SAN
1 1/2" VT.
1 1/2" VT.
3" VTR
3" VT.
MB-1
S-1
3"Ø (4 DFU)
2"Ø (1 DFU)
2" VT.
2" VT.
2" VT.
2" VT.
WC-1
WC-1
WC-1
4"Ø (18 DFU)
1 1/2" VT.
3"Ø (3 DFU)
SAN
MB1
SAN
FD-3
3"Ø (3 DFU)
3"Ø
4"Ø (48 DFU)
4" BUILDING C.O.
L-1
L-1
SAN
3"Ø (2 DFU)

1 DRAIN, WASTE AND VENT ISOMETRIC

P200

N.T.S.

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DRAWING TITLE PLUMBING ISOMETRICS

P200

PLUMBING FIXTURES AND TRIM

MARK	GENERAL DESCRIPTION	FIXTURE	VALVE / FAUCET	SUPPORT	SUPPLIES	HOT WATER SUPPLY SIZE	COLD WATER SUPPLY SIZE	DRAIN	DRAIN CONNECTION	ACCESSORY No. 1	ACCESSORY No. 2	ACCESSORIES	REMARKS
L-1	ADA-compliant WALL-HUNG VITREOUS CHINA LAVATORY	**American Standard "Lucerne" #0356.421** Nominal 21" x 18" wall-hung vitreous china lavatory suitable for wall hanger or concealed arm supports, single faucet hole in center of lavatory, integral front overflow, white color.	**Chicago Model 807-665PSHABCP** Single temperature faucet with self-metering push-button operation, standard aerator, chrome-plated.	(Wall hanger provided with Lavatory as required.)	**Any** Heavy chrome-plated stops with key operators. Flexible chrome-plated copper supplies.	1/2"	1/2"	Chrome-plated grid strainer, 17 gauge chrome-plated tailpiece, chrome-plated brass P-trap and related fittings as required.	1-1/2"	**Sloan Model 131-ABNF** Under-sink thermostatic mixing valve suitable for 3/8" compression inlets and outlet.		A	1, 2
MB-1	FLOOR-MOUNTED MOP BASIN	**Mustee Model 63M** 24" x 24" x 10" fiberglass molded one-piece mop basin suitable for mounting directly on floor.	**Chicago Model 782-ISCP** Wall-mounted mop basin faucet for concealed water supplies, with wall brace, pail hook, threaded fixed spout, and standard cross handles with temperature indicators.	None Required.	Integral to Faucet	1/2"	1/2"	3" strainer provided with mop basin. Suitable for direct connection to PVC or no-hub cast iron.	3"			B, C, D, E	
S-1	DROP-IN, SELF-RIMMING, SINGLE BOWL STAINLESS STEEL SINK	**Just Model SL17519A-J** Drop-in, self-rimming stainless steel single bowl sink in 18 gauge, Type 304 stainless steel construction, 19" wide (overall) x 18" deep (overall) with faucet ledge. Provide factory faucet drilling to match faucet.	**Chicago Model 786-245ABCP** Deck-mounted sink faucet, 8" centers, with 11.625" tall x 5.375" gooseneck spout, 1.5 GPM rose spray aerator, vandal-proof 4" wristblade handles, color-coded handles, all in brass construction and chrome finish.	None Required.	**Any** Heavy chrome-plated stops with key operators. Flexible chrome-plated copper supplies.	1/2"	1/2"	Provide with standard chrome-plated, removable basket strainer, 1-1/2" PVC tailpiece and trap, and related fittings in PVC construction	1-1/2"				
UR-1	WALL-HUNG, FLUSH VALVE WASHDOWN URINAL	**American Standard "Washbrook" #6590001.020** Wall-hung vitreous china washout urinal with top spud water connection, white color, with beehive strainer suitable for 2" drainage connection.	**Sloan Solis 8186** Sensor-activated, automatic flush valve, fully exposed, top spud mounting, chrome-plated finish, battery-powered operation.	**Any** Floor-mounted heavy-duty carrier with mounting accessories to match urinal	N/A		3/4"	Integral to Fixture	2"				1, 2
UR-2	WALL-HUNG, FLUSH VALVE WASHDOWN URINAL	**American Standard "Washbrook" #6590001.020** Wall-hung vitreous china washout urinal with top spud water connection, white color, with beehive strainer suitable for 2" drainage connection.	**Sloan Solis 8186** Sensor-activated, automatic flush valve, fully exposed, top spud mounting, chrome-plated finish, battery-powered operation.	**Any** Floor-mounted heavy-duty carrier with mounting accessories to match urinal	N/A		3/4"	Integral to Fixture	2"				1, 2
WC-1	WALL-MOUNT FLUSH VALVE WATER CLOSET	**American Standard "Afwall" #2257101.020** Vitreous China, 1.28 gallon flush, elongated bowl, siphon jet flushing action, top spud connection, white color. (**Bemis** #1655SSCT open front seat, less cover)	**Sloan Solis 8111** Sensor-activated, automatic flush valve, fully exposed, top spud mounting, chrome-plated finish, battery-powered operation.	**Any** Floor-mounted heavy-duty carrier (700 lb. minimum rating) with mounting accessories to match water closet, vertical drain and vertical vent connections.	N/A		1"	Integral to Fixture	4"				1, 2
WC-2	WALL-MOUNT FLUSH VALVE WATER CLOSET	**American Standard "Afwall" #2257101.020** Vitreous China, 1.28 gallon flush, elongated bowl, siphon jet flushing action, top spud connection, white color. (**Bemis** #1655SSCT open front seat, less cover)	**Sloan Solis 8111** Sensor-activated, automatic flush valve, fully exposed, top spud mounting, chrome-plated finish, battery-powered operation.	**Any** Floor-mounted heavy-duty carrier (700 lb. minimum rating) with mounting accessories to match water closet, vertical drain and vertical vent connections.	N/A		1"	Integral to Fixture	4"				2

REMARKS
1. Handicap mounting - refer to Architectural Details
2. No equals allowed. Provide exact products as Scheduled.

ACCESSORIES:
- A. ADA-compliant trap and water supply insulation kit - white vinyl finish.
- B. Mop Basin Hose and Hose Holder.
- C. Mop Basin Mop Hanger.
- D. Mop Basin Corner Bumper Guards.
- E. Mop Basin Corner Wall Guards.

DRAINS SCHEDULE

MARK	GENERAL DESCRIPTION	FIXTURE	STRAINER FINISH	TRAP	SEDIMENT BUCKET	ACCESSORIES	REMARKS
FD-3	FLOOR DRAIN (Concrete Floors)	**Sioux Chief** #860-W3P-Z-S Large body floor sink, round shape, non-adjustable, with concrete flange, stainless steel strainer and stainless steel ring. Solvent-weld to PVC pipe.	Stainless Steel Strainer & Ring 9" Round	3" PVC "P" trap (Field-fabricated)	**Sioux Chief** "S" ABS Removeable Sand Bucket		

ACCESSORIES:

REMARKS:

FITTINGS AND SPECIALTIES

MARK	GENERAL DESCRIPTION	FIXTURE	VALVE / FAUCET	FINISH	CONNECTIONS	ACCESSORIES	REMARKS
HB-1	MILD-CLIMATE WALL FAUCET IN BOX WITH BACKFLOW PROTECTION	N/A	**WOODFORD** MB26-3/4 Fully-recessed wall faucet with composite box, stainless steel door and door frame, hinged door with Tee Key Lock. Automatic draining. Standard Polyarbonate handle. Provide with vacuum breaker.		3/4" CW	Non-removable, backflow preventer with standard hose thread outlet.	

ACCESSORIES:

REMARKS:

DOMESTIC WATER HEATING EQUIPMENT AND CIRCULATING PUMPS

ELECTRIC DOMESTIC WATER HEATERS															
MARK	MODEL No.	PRIMARY FUEL	SECONDARY FUEL	PERFORMANCE			1st Hour Rating	UNIT SIZE OVERALL		TANK STORAGE	ELECTRICAL REQUIREMENTS			HEATER ACCESSORIES	HEATER REMARKS
				INPUT	RECOVERY	ASHRAE 90.1?		Diameter	Height		F.L.A.	M.O.P.	VOLT/PHASE		
WH-1	PNT-30	Electrical	(None)	4.5 KW	21 GPH	No		19"	46.5"	30 Gallons	18.75	30.0	240/1/60	A, B	1, 2

Based on products by A.O. Smith. Equal products are acceptable.

HOT WATER CIRCULATING PUMP									
MARK	MODEL No.	FLUID		ELECTRICAL			TYPE	PUMP ACCESS.	PUMP REMARKS
		GPM	FT HD	F.L.A.	M.O.P.	VOLT/PHASE			
CP-1	UP15-10SU7P TLC	1.5	4.0	<1.0	15	120/1	In-line	C, D	1, 2

Pumps based on products by Grundfos. Equal products will be acceptable.

HEATER ACCESSORIES:
- A. P&T Relief Valve
- B. Drain Valve
- C. Concentric Vent Kit Termination

HEATER REMARKS:
1. Provide a "Therm-X-Trol" Model ST-1 Expansion Tank.
2. Provide 10 year warranty on heater.

PUMP ACCESSORIES:
- A. Variable Speed Selector Switch
- B. Adjustable Temperature Sensor
- C. Plug and Cord Electrical Connection
- D. Unit-mounted Timer

PUMP REMARKS:
1. Pump must run continually during occupied periods to maintain water temperature.
2. Provide pump with matching set of isolation flanges and integral flow check valve - either in pump housing or in flange assembly.

SITE-MOUNTED DRINKING FOUNTAIN

MARK	GENERAL DESCRIPTION	FIXTURE	VALVE / FAUCET	SUPPORT	SUPPLIES	HOT WATER SUPPLY SIZE	COLD WATER SUPPLY SIZE	DRAIN	DRAINAGE CONNECTION	ACCESSORIES	REMARKS
DF-1	ADA-compliant DUAL-HEIGHT OUTDOOR FREEZE-RESISTANT DRINKING FOUNTAIN	**Elkay** LK4430BF1U Hi-lo pedestal drinking fountain with center-mount bottle filler suitable for exterior installation with separate freeze-resistant valve box. Painted stainless steel housing, stainless steel basins, access door with vandal-resistant fasteners.	(Integral to Fixture)	(Integral to Fixture)	Integral to fixture, but Contractor to ensure there is an isolation valve installed within the drinking fountain.		3/4" HDPE to drinking fountain - 1/2" connection to fountain water valve. Make transition within drinking fountain valve box.	1-1/2" Slip PVC female connection within drinking fountain.	1-1/2"	1	A, B

ACCESSORIES
1. Elkay Model Sanitary FR2 Valve Assembly

REMARKS:
- A. Provide Drinking Fountain in color choice by Architect selected from manufacturer's standard color options.
- B. Provide valve box for direct-set in concrete to access drinking fountain below-grade valve assembly.

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SHELTER BUILDING + SITE IMPROVEMENTS
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DATE 04/17/26
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PROJECT No 1626
DRAWING TITLE
PLUMBING EQUIPMENT SCHEDULES

P600

POWER ROOF VENTILATORS

MARK	MANUFACTURER'S MODEL NO.	SERVICE	SERVES ROOM NO./AREA	CFM	Total S.P.	Discharge Direction	Roof Opening	FAN			ELECTRICAL		ACCESSORIES/ OPTIONS	REMARKS
								RPM	DIA.	DRIVE	H.P.	VOLT/PH		
EF-1	G-100-VG	Sanitary Exhaust	See Drawings	600	.375"	Downdraft	14.5" x 14.5"	1,074	10"	Direct	1/4	120/1	2, 3, 6, 7	A, B, C

Based on products by Greenheck. Equal products by Acme, Cook, Jenn-Fan or S&P will be acceptable.

ACCESSORIES/OPTIONS:
1. Roof Curb for Flat Roof
2. Roof Curb for Pitched Roof
3. Gravity Backdraft Damper
4. Motorized Backdraft Damper
5. Hinged Subbase
6. Insect Screen
7. Combination Disc. Switch/Variable Speed Control
8. Disconnect Switch

REMARKS:
A. Verify roof pitch with Architectural Drawings.
B. Roof Curb Height shall be 8" on the "short" side.
C. Fan shall be factory painted with baked enamel paint - color choice by Architect from manufacturer's standard options.

GRILLES, REGISTERS, AND DIFFUSERS

MARK	MANUFACTURER'S MODEL NO.	SERVICE	Size		Performance		Throw		Type	Construction	Color	Volume Damper	Access. Options	REMARKS
			DUCT	FACE	PD"	NC	FT **	Direction						
EG-1	9S80HZ-OBD	Exhaust	6" x 6"	8" x 8"	<.05"	<20	---	---	Single Deflection with Fixed Blades at 0 Degrees 3/4" o.c.	Stainless Steel	Stainless Steel	Yes		A
EG-2	9S80HZ-OBD	Exhaust	8" x 8"	10" x 10"	<.05"	<20	---	---	Single Deflection with Fixed Blades at 0 Degrees 3/4" o.c.	Stainless Steel	Stainless Steel	Yes		A
TG-1	9700	Transfer	30" x 6"	33" x 9"	<.05"	<20	---	---	Single Deflection with Fixed Blades at 30 Degrees 1" o.c.	Stainless Steel	Stainless Steel	No		B

Based on products by Kreuger. Equal products will be acceptable.

** Distance in FT at 100 FPM with direction pattern indicated.

ACCESSORIES/OPTIONS:
1. Square Plenum Box for Lateral Duct Connection.
2. Square-to-round Adapter.
3. Infill Panel for 24"x24" Grid System.
4. Infill Panel for 24"x48" Grid System.
5. 1-hour Radiation Damper.
6. Beveled Drop Face.
7. Channel Frame for 2'x2' Grid System

REMARKS:
A. Provide grille in standard Polished Satin Finish.
B. This is actually a door grille being used as a heavy duty trasfer grille.

DUCTWORK INSULATION

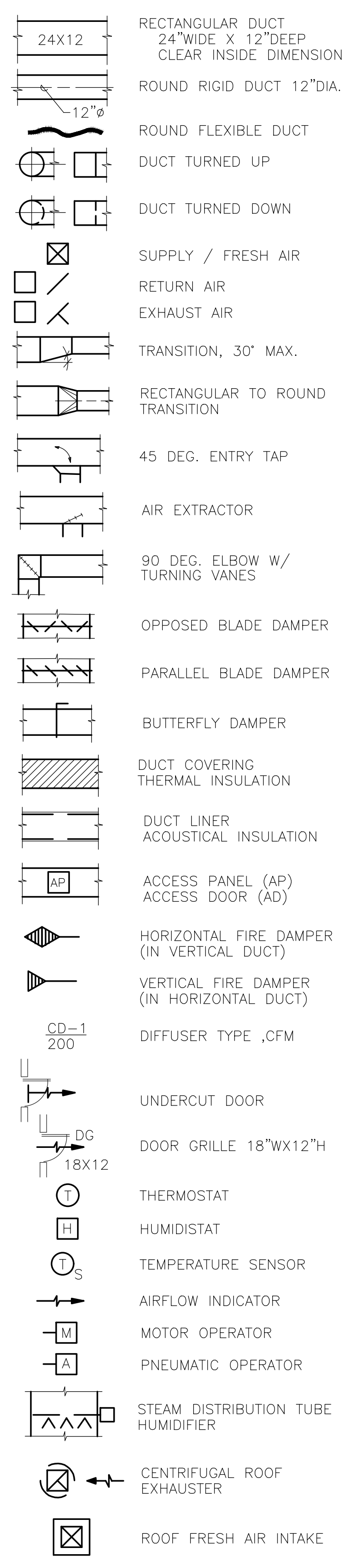
Air System	DUCT SYSTEM	DUCT WRAP			DUCT BOARD				DUCT LINER				No Insulation Required.	REMARKS
		1 1/2"	3"	DENSITY	1"	1 1/2"	2"	DENSITY	1/2"	1"	1 1/2"	DENSITY		
Exhaust Air Systems	Exhaust Air Ductwork Connected to EF-1												X	

Remarks:

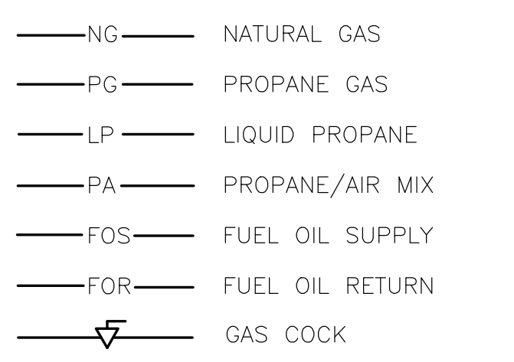
DUCTWORK CONSTRUCTION STANDARDS

SYSTEM	DUCTWORK INVOLVED	MINIMUM DUCT PRESSURE CLASS									SEAL CLASS	REMARKS
		+4"	+3"	+2"	+1"	+1/2"	-1/2"	-1"	-2"	-3"		
Exhaust Systems	Exhaust Air Ductwork Upstream of Fans						X				A	
											A	

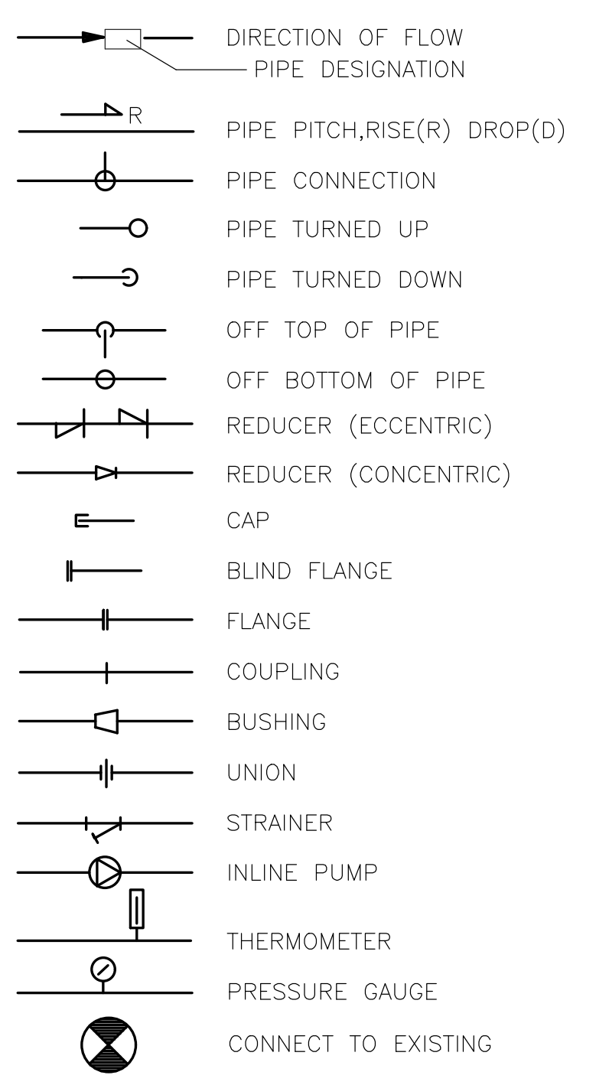
DUCTWORK


24X12
RECTANGULAR DUCT 24"WIDE X 12"DEEP CLEAR INSIDE DIMENSION
12"ø
ROUND RIGID DUCT 12"DIA.
ROUND FLEXIBLE DUCT
DUCT TURNED UP
DUCT TURNED DOWN
SUPPLY / FRESH AIR
RETURN AIR
EXHAUST AIR
TRANSITION, 30° MAX.
RECTANGULAR TO ROUND TRANSITION
45 DEG. ENTRY TAP
AIR EXTRACTOR
90 DEG. ELBOW W/ TURNING VANES
OPPOSED BLADE DAMPER
PARALLEL BLADE DAMPER
BUTTERFLY DAMPER
DUCT COVERING THERMAL INSULATION
DUCT LINER ACOUSTICAL INSULATION
AP
ACCESS PANEL (AP) ACCESS DOOR (AD)
HORIZONTAL FIRE DAMPER (IN VERTICAL DUCT)
VERTICAL FIRE DAMPER (IN HORIZONTAL DUCT)
CD-1
200
DIFFUSER TYPE ,CFM
UNDERCUT DOOR
DG
18X12
DOOR GRILLE 18"WX12"H
T
THERMOSTAT
H
HUMIDISTAT
T S
TEMPERATURE SENSOR
AIRFLOW INDICATOR
M
MOTOR OPERATOR
A
PNEUMATIC OPERATOR
STEAM DISTRIBUTION TUBE HUMIDIFIER
CENTRIFUGAL ROOF EXHAUSTER
ROOF FRESH AIR INTAKE

FUEL PIPING


NG
NATURAL GAS
PG
PROPANE GAS
LP
LIQUID PROPANE
PA
PROPANE/AIR MIX
FOS
FUEL OIL SUPPLY
FOR
FUEL OIL RETURN
GAS COCK

GENERAL PIPING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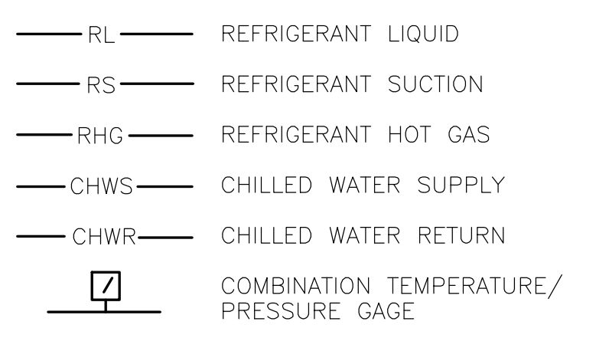
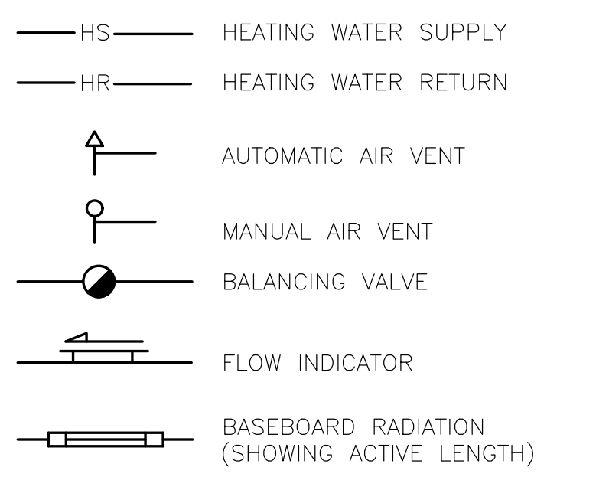
PIPE DESIGNATION
R
PIPE PITCH,RISE(R) DROP(D)
PIPE CONNECTION
PIPE TURNED UP
PIPE TURNED DOWN
OFF TOP OF PIPE
OFF BOTTOM OF PIPE
REDUCER (ECCENTRIC)
REDUCER (CONCENTRIC)
CAP
BLIND FLANGE
FLANGE
COUPLING
BUSHING
UNION
STRAINER
INLINE PUMP
THERMOMETER
PRESSURE GAUGE
CONNECT TO EXISTING

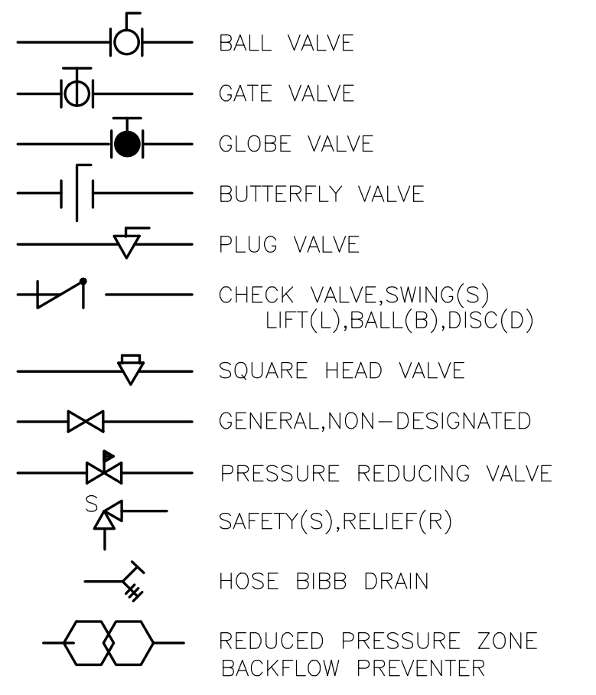
REFRIGERANT


RL
REFRIGERANT LIQUID
RS
REFRIGERANT SUCTION
RHG
REFRIGERANT HOT GAS
CHWS
CHILLED WATER SUPPLY
CHWR
CHILLED WATER RETURN
COMBINATION TEMPERATURE/ PRESSURE GAGE

STEAM/HYDRONICS


HS
HEATING WATER SUPPLY
HR
HEATING WATER RETURN
AUTOMATIC AIR VENT
MANUAL AIR VENT
BALANCING VALVE
FLOW INDICATOR
BASEBOARD RADIATION (SHOWING ACTIVE LENGTH)

VALVES


BALL VALVE
GATE VALVE
GLOBE VALVE
BUTTERFLY VALVE
PLUG VALVE
CHECK VALVE,SWING(S) LIFT(L),BALL(B),DISC(D)
SQUARE HEAD VALVE
GENERAL,NON-DESIGNATED
PRESSURE REDUCING VALVE
S
SAFETY(S),RELIEF(R)
HOSE BIBB DRAIN
REDUCED PRESSURE ZONE BACKFLOW PREVENTER

EQUIPMENT

ACC - Air Cooled Chiller
ACU - Air Cooled Condensing Unit
AFM - Air Flow Measuring Station
AHU - Air Handling Unit
AP - Access Panel
ATU - Air Terminal Unit
BC - Blower Coil
B - Boiler
BV - Brick Vent
CC - Cooling Coil
CD - Control Damper
CF - Combustion Air Fan
CH - Cabinet Heater
CP - Condensate Pump
CT - Cooling Tower
CU - Condensing Unit
CV - Convectors
DC - Duct Coil
DG - Door Grille
DLC - Dry Liquid Coolers
EBB - Electric Base Board
ECH - Electric Cabinet Heater
EDH - Electric Duct Heater
EF - Exhaust Fan
EG - Exhaust Grille
EH - Exhaust Hood
ELC - Evaporative Liquid Coolers
ER - Exhaust Register
ETS - Expansion Tank System
EUH - Electric Unit Heater
EWH - Electric Wall Heater
F - Fan
FC - Fan Coil Unit
FG - Floor Grille
FH - Filter Housing
FT - Fin Tube Radiation
HC - Heating Coil
HCC - Heat Cool Coils
HP - Heat Pump
HUM - Humidifier
HX - Heat Exchanger
IH - Intake Hood
IL - Intake Louver
IPH - Infrared Panel Heater
ITH - Infrared Tube Heater
L - Louver
LG - Linear Grille
LS - Linear Slot
MUA - Make-Up Air Unit
P - Pump
PAC - Packaged Air Conditioners
RG - Return Grille
RH - Relief Hood
RP - Return Panel
RR - Return Register
RTU - Rooftop Unit
SD - Supply Diffuser
SF - Supply Fan
SG - Supply Grille
TG - Transfer Grille
UH - Unit Heater
VAC - Unit Air Conditioner
VAV - Variable Air Volume Box
WCH - Water Cooled Chiller

ABBREVIATIONS

AFF - Above Finish Floor
BD - Back Draft Damper
BOF - Bottom Of Footing
CLG - Ceiling
C/C - Center To Center
CW - Cold Water
COMP - Compressor
CR - Condenser Return
CS - Condenser Supply
CONN - Connection
DIFF - Diffuser
DF - Drinking Fountain
DTR - Dual - Temp Return
DTS - Dual - Temp Supply
DF - Duct Furnace
DH - Duct Heater
EWC - Electrical Water Cooler
EWH - Electrical Water Heater
E.C. - Electrical Contractor
EXH - Exhaust
EF - Exhaust Fan
EG - Exhaust Grille
FD - Fire Damper
FLD - Floor Drain
FS - Flow Switch
G.C. - General Contractor
HP - Horse Power
HT - Hot Water
I.E. - Invert Elevation
MAV - Manual Air Vent
M.C. - Mechanical Contractor
MOD - Motor Operated Damper
P.C. - Plumbing Contractor
RD - Roof Drain
SAN - Sanitary
SM - Sheet Metal
SMD - Smoke Damper
T'STAT - Thermostat
UR - Urinal
V - Vent
VTR - Vent Thru Roof
WH - Wall Hydrant
WTR - Water
WC - Water Closet
WP - Water Proof

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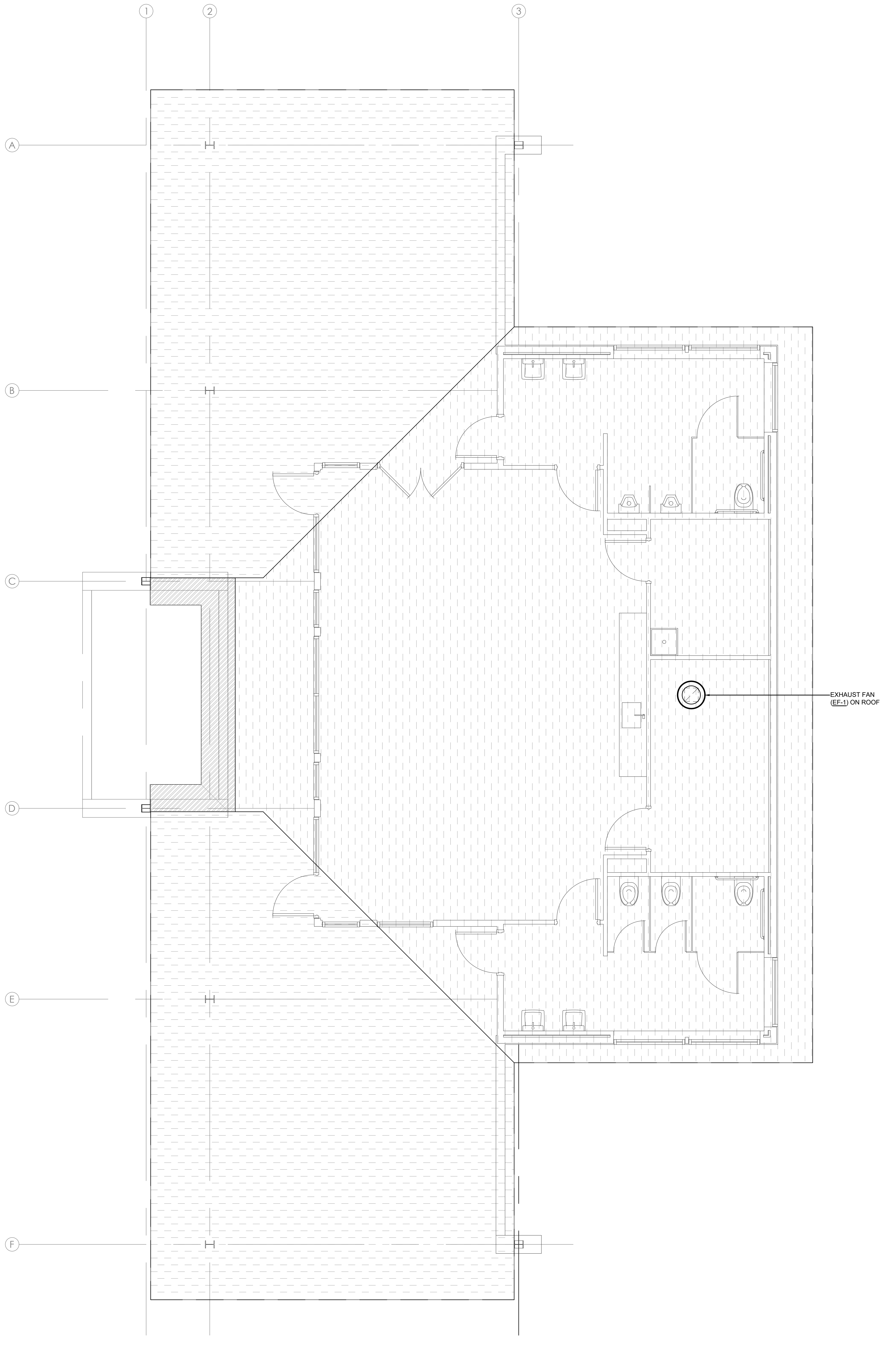
E-MAIL: colson@galileo-group.us

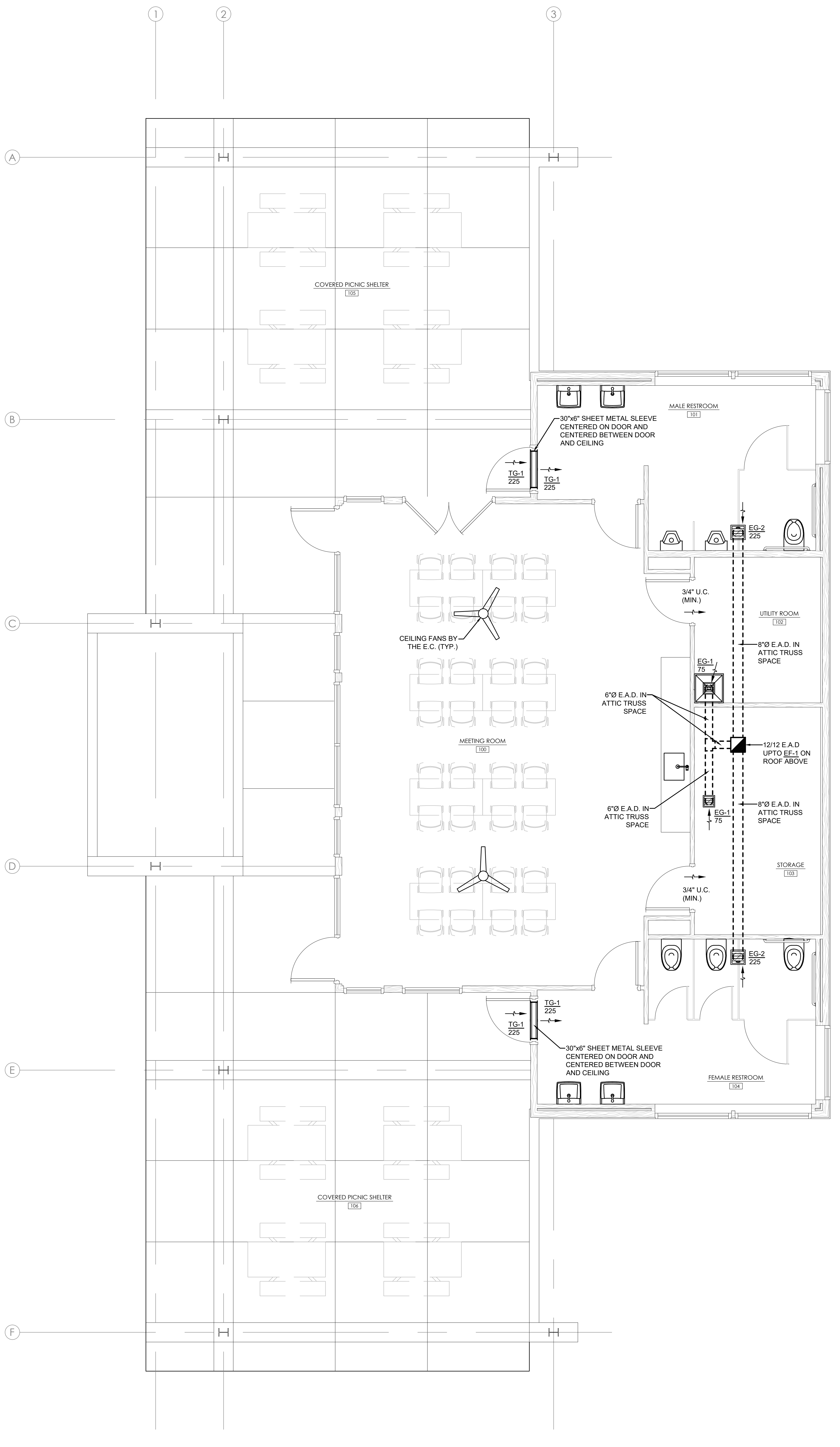
PROJECT
COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

DATE 04/17/26
PROJECT No 1626
DRAWN BY Galileo
DRAWING TITLE
CHECKED BY Galileo
MECHANICAL SYMBOLS AND SCHEDULES

M000


1
2
3
A
B
C
D
E
F
EXHAUST FAN
(EF-1) ON ROOF

2 M100 MECHANICAL ROOF PLAN
1/4" = 1'-0"


1
2
3
A
B
C
D
E
F
COVERED PICNIC SHELTER
105
MALE RESTROOM
101
30"x6" SHEET METAL SLEEVE CENTERED ON DOOR AND CENTERED BETWEEN DOOR AND CEILING
TG-1
225
TG-1
225
EG-2
225
3/4" U.C. (MIN.)
UTILITY ROOM
102
8"Ø E.A.D. IN ATTIC TRUSS SPACE
CEILING FANS BY THE E.C. (TYP.)
EG-1
75
6"Ø E.A.D. IN ATTIC TRUSS SPACE
12/12 E.A.D UPTO EF-1 ON ROOF ABOVE
MEETING ROOM
100
6"Ø E.A.D. IN ATTIC TRUSS SPACE
EG-1
75
8"Ø E.A.D. IN ATTIC TRUSS SPACE
STORAGE
103
3/4" U.C. (MIN.)
EG-2
225
TG-1
225
TG-1
225
30"x6" SHEET METAL SLEEVE CENTERED ON DOOR AND CENTERED BETWEEN DOOR AND CEILING
FEMALE RESTROOM
104
COVERED PICNIC SHELTER
106

1 M100 MECHANICAL FLOOR PLAN
1/4" = 1'-0"

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MECHANICAL FLOOR PLAN & ROOF PLAN VIEWS

M100

MOTOR & EQUIPMENT SCHEDULE

EQUIPMENT REFERENCE I.D.	EQUIPMENT DESCRIPTION	EQUIPMENT LOCATION			MOTOR OR EQUIPMENT REQUIREMENTS AND CHARACTERISTICS							MOTOR STARTERS					DISCONNECT SWITCHES						CONTROL WIRING BY		Branch Circuit or Feeder				REMARKS
		Room No.	Room Name	Elevation	Motor HP	Equipment Watts	VOLT	PH.	FLA	MCA	MOP	Starter Type	Special Control Device	Provided By	Installed By	Starter Size	Disconnect Type	Provided By	Installed By	NEMA Enclo.	Fuse Size	Lockable?	MC	EC	N.C.	Conductor Size	Conduit Min. Size	Ground Size	
CP-1	Domestic Water Circulation Pump	101	Utility Room	6'-0"			120	1	1.0		20.0	None					Receptacle	EC	EC					X	2	12	1/2"	12	4, 5
EF-1	Roof-mounted Exhaust Fan	101	Utility Room	Roof	1/4		120	1	3.0		20.0	None					Manual Toggle	EC	EC	1				X	2	12	1/2"	12	1, 3, 7
WH-1	Electric Water Heater	101	Utility Room	6'-0"		4,500	240	1	18.75		30.0	None					Non-fused	EC	EC						2	10	1/2"	10	8

REMARKS:

1. Make final connection to equipment/motor with flexible metal conduit.
2. Make final connection to equipment/motor with liquid-tight, flexible metal conduit.
3. Provide and install a SPST "Motor-rated", 20 amp toggle switch to serve as a disconnect.
4. Provide and install a NEMA 5-20R dedicated receptacle for this motor/equipment.
5. The E.C. shall install and wire any control devices supplied for this pump. Coordinate with the Plumbing Contractor.
6. The E.C. shall provide and install an appliance-rated cord and plug for this water heater to mate with the receptacle.
7. The E.C. shall provide and install a 24 hour timeclock with electric operation, battery back-up, and 20 amp rated contacts for control of the exhaust fan.
8. Provide and install a General Duty, 30 amp, non-fused disconnect switch in a NEMA 1 enclosure for this motor/equipment

PANELBOARD SCHEDULE

PANEL NO.	ROOM NO.	ROOM NAME	MANUFACTURER/ TYPE	MTG		SIZE		MAINS						BRANCH CIRCUIT BREAKERS										Breaker Space (Based on Square D)	Min. AIC
				F	S	W	D	SERVICE	AMPS	LUGS	BRKR.	SWITCH	SUB FEED LUGS	NO.	Adjustable Circuit Breaker?	GFCI-Protected?	Max. Amp	Set-Point (Amps)	Standard Thermal Trip	Poles	Shunt Trip Solenoid?	Shunt Trip Voltage	CIRCUIT NUMBERS or DESIGNATION		
A	102	Utility Room	Square D Type NQOD Panelboard 30 Space NEMA 1 ENCLOSURE		X	20"	6"	240/120 VAC SINGLE PHASE 3-WIRE	225		X			1	No	No			200	2	No		Main Circuit Breaker		22.5
														1									TVSS Module		
														1	No	No			60	2	No		See Panelboard Schedule Worksheet		10.0
														1	No	No			30	2	No		See Panelboard Schedule Worksheet		10.0
														24	No	No			20	1	No		See Panelboard Schedule Worksheet		10.0
														2	No	No			15	1	No		See Panelboard Schedule Worksheet		10.0
B		Exterior Pavillion	Square D Type NQOD Panelboard 18 Space NEMA 1 ENCLOSURE		X	20"	6"	240/120 VAC SINGLE PHASE 3-WIRE	100	X				10	No	No			20	1	No		See Panelboard Schedule Worksheet		10.0

REMARKS:

1. Provide all panelboards with keyed lock and (4) sets of matching keys.

PANEL A SCHEDULE - 42 Space

VOLTAGE: 240/120 **PHASE**: 1 **WIRE**: 3 **MAIN CAPACITY**: 225 AMPERES

MOUNTING: Surface-mount **MAIN CONNECTION:** 200 Amp Main Circuit Breaker

CCT NO.	ITEM FED	DIST. WATTS	WIRE SIZE	CIRCUIT BREAKERS SIZE	CIRCUIT BREAKERS POLES	PHASE	CIRCUIT BREAKERS SIZE	CIRCUIT BREAKERS POLES	WIRE SIZE	DIST. WATTS	ITEM FED	CCT NO.
1	Panel 'B' Feeder	3,020		60	2	A					TVSS Module	2
3						B						4
5	Water Heater (WH-1)	4,500		30	2	A	15	1		360	Exhaust Fan (EF-1)	6
7						B	15	1		120	Domestic Water Pump (CP-1)	8
9	Restroom 101 Receptacles	360		20	1	A	20	1		100	Lighting Control Panel Power Supply	10
11	Utility Room 102 Receptacles	360		20	1	B	20	1		360	Meeting Room Counter Receptacles	12
13	Storage Room 103 Receptacles	720		20	1	A	20	1		360	Meeting Room Counter Receptacles	14
15	Restroom 104 Receptacles	360		20	1	B	20	1		360	Meeting Room Counter Receptacles	16
17	Exterior Receptacles	360		20	1	A	20	1		720	Meeting Room Receptacles	18
19	Exterior Receptacles	360		20	1	B	20	1			Exterior and Night Lighting	20
21	Exterior Receptacles	360		20	1	A	20	1			Canopy Lighting	22
23	Exterior Receptacles	180		20	1	B	20	1			Canopy Lighting	24
25	Exit Lights and Emergency Lights	100		20	1	A	20	1			Ceiling Fans	26
27	Toilet Room, Utility, Storage Lighting			20	1	B	20	1			Meeting Room Lighting	28
29	Data Rack	500		20	1	A	20	1			Spare	30
31	Spare			20	1	B	20	1			Spare	32
33	Spare			20	1	A	20	1			Spare	34
35	Spare			20	1	B	20	1			Spare	36
37						A						38
39						B						40
41						A						42
		11,180								*2,380*		

TOTAL LIGHTING LOAD	000 va	**Remarks:**
TOTAL RECEPTACLE LOAD	7,380 va	
TOTAL MOTOR LOAD	480 va	
ELECTRIC HEATING LOAD	4,500 va	
MISCELLANEOUS LOADS	600 va	
TOTAL CONNECTED LOAD	12,960 va	

PANEL B SCHEDULE - 18 Space

VOLTAGE: 240/120 **PHASE**: 1 **WIRE**: 3 **MAIN CAPACITY**: 225 AMPERES

MOUNTING: Surface-mount **MAIN CONNECTION:** Main Lugs Only

CCT NO.	ITEM FED	DIST. WATTS	WIRE SIZE	CIRCUIT BREAKERS SIZE	CIRCUIT BREAKERS POLES	PHASE	CIRCUIT BREAKERS SIZE	CIRCUIT BREAKERS POLES	WIRE SIZE	DIST. WATTS	ITEM FED	CCT NO.
1	Convenience Receptacle Circuit	540		20	1	A	20	1		540	Convenience Receptacle Circuit	2
3	Convenience Receptacle Circuit	360		20	1	B	20	1		360	Convenience Receptacle Circuit	4
5	Convenience Receptacle Circuit	360		20	1	A	20	1		360	Convenience Receptacle Circuit	6
7	Communications Equipment	500		20	1	B	20	1			Spare	8
9	Spare			20	1	A	20	1			Spare	10
11						B						12
13						A						14
15						B						16
17						A						18
		1,760								*1,260*		

TOTAL LIGHTING LOAD	0 va	**Remarks:**
TOTAL RECEPTACLE LOAD	2,520 va	
TOTAL MOTOR LOAD	0 va	
ELECTRIC HEATING LOAD	0 va	
MISCELLANEOUS LOADS	500 va	
TOTAL CONNECTED LOAD	3,020 va	

LIGHTING

- A, b — RECESSED FLUORESCENT FIXTURE. SEE LIGHTING FIXTURE SCHEDULE. 'A' INDICATES FIXTURE TYPE. 'b' INDICATES SWITCH CONTROL
- A, b — SURFACE FLUORESCENT FIXTURE SEE LIGHTING FIXTURE SCHEDULE. 'A' INDICATES FIXTURE TYPE. 'b' INDICATES SWITCH CONTROL
- A — WALL BRACKET LIGHTING FIXTURE SEE LIGHTING FIXTURE SCHEDULE 'A' INDICATES FIXTURE TYPE
- A — SURFACE-MOUNTED FIXTURE-SEE LIGHTING FIXTURE SCHEDULE FOR DECRIPTION AND MANUFACTURER 'A' INDICATES FIXTURE TYPE
- A — PENDANT-MOUNTED LIGHTING FIXTURE 'A' INDICATES FIXTURE TYPE
- A — RECESS-MOUNTED DOWNLIGHT-SEE LIGHTING FIXTURE SCHEDULE FOR DECRIPTION AND MANUFACTURER 'A' INDICATES FIXTURE TYPE
- A — RECESSED WALL-WASH OR SPOTLIGHTING FIXTURE, DIRECTION AS INDICATED BY ARROW 'A' INDICATES FIXTURE TYPE
- A — WALL MOUNTED FIXTURE-SEE FIXTURE SCHEDULE 'A' INDICATES FIXTURE TYPE
- POLE MOUNTED LIGHT FIXTURE
- A — FLUORESCENT STRIP FIXTURE 'A' INDICATES FIXTURE TYPE
- TL — TRACK LIGHTING FIXTURE WITH NUMBER OF FIXTURES INDICATED.
- A — LIGHTING FIXTURES ON EMERGENCY POWER SOURCE 'A' INDICATES FIXTURE TYPE. 'NL' INDICATES IF FIXTURE IS TO BE ON AT ALL TIMES
- ELU — EMERGENCY LIGHTING UNIT WITH SELF-CONTAINED BATTERY AND HEADS AS INDICATED WG = WIRE GUARD PROTECTED
- CELU — CEILING MOUNTED EMERGENCY LIGHTING UNIT WITH SELF-CONTAINED BATTERY AND HEADS AS INDICATED WG = WIRE GUARD PROTECTED
- ZR — EMERGENCY LIGHTING UNIT REMOTE HEAD
- X1 — EXIT LIGHT FIXTURE, NUMBER OF FACES AND DIRECTIONAL ARROWS AS INDICATED WG = WIRE GUARD PROTECTED
- XE — COMBINATION EXIT LIGHT AND EMERGENCY LIGHTING UNIT
- CF — CEILING FAN

RECEPTACLES

- DUPLEX RECEPTACLE WITH 3 WIRE GROUNDING
- XX — SPECIAL PURPOSE DUPLEX RECEPTACLE LETTERS INDICATE FUNCTION – CIRCUIT RECEPT. AS INDICATED
  - AC = ABOVE COUNTER MOUNTING HEIGHT
  - D = DEDICATED USE RECEPTACLE
  - GFCI = RECEPTACLE WITH GROUND FAULT INTERRUPTION (GFI) PROTECTION
  - IG = ISOLATED GROUND
  - TVSS = TRANSIENT VOLTAGE SURGE SUPPRESSING
  - X = EXISTING OUTLET BOX W/ NEW RECEPT.
  - WP = WEATHERPROOF
- FOUR-PLEX (DOUBLE DUPLEX) RECEPTACLE
- SINGLE RECEPTACLE
- THREE-WIRE RECEPTACLE
- HALF-SWITCHED RECEPTACLE
- FLOOR MOUNTED RECEPTACLE
- FLOOR MOUNTED DUPLEX RECEPTACLE W/ SPACE FOR DATA RECEPTACLES
- SPECIAL PURPOSE OUTLET, TYPE AS INDICATED
- SURFACE-MOUNTED "PLUG MOLD"; TYPE, MOUNTING HEIGHT & RECEPT. LOCATIONS AS INDICATED
- PP — POWER POLE
- CORD AND PLUG POWER CONNECTION

DISTRIBUTION EQUIPMENT

- POWER DISTRIBUTION PANEL.
- BRANCH CIRCUIT PANELBOARD
- ELECTRICAL METER SOCKET
- T — TRANSFORMER. SIZE AS INDICATED
- DISCONNECT SWITCH, NON-FUSED
- DISCONNECT SWITCH, FUSED
- MCC — MOTOR CONTROL CENTER
- POWER/LIGHTING CONTACTOR

CONTROL DEVICES

- CP — CONTROL PANEL
- TCP — TEMPERATURE CONTROL PANEL
- TC — TIME CLOCK
- P — PHOTOCELL
- T — THERMOSTAT
- R — RELAY
- DOOR BELL
- BUZZER
- PUSH BUTTON REMOTE CONTROL STATION

RACEWAY

- NEUTRAL CONDUCTOR (TYP.)
- POWER CONDUCTOR (TYP.)
- BRANCH CIRCUIT CARRYING SWITCHED CONDUCTORS
- BRANCH CIRCUIT WITHOUT SWITCHED CONDUCTORS
- LOW VOLTAGE CIRCUIT
- GROUND OR NEUTRAL CONNECTION AS INDICATED
- J — JUNCTION BOX
- UNDERFLOOR DUCT AND JUNCTION BOX
- EMPTY OUTLET BOX WITH BLANK COVER PLATE, SIZE AND TYPE AS INDICATED
- L2, LCP-1, R1 — HOME RUN TO PANEL 'L' CIRCUIT #2 VIA RELAY #1 IN LIGHTING CONTROL PANEL LCP-1. SEE PANELBOARD & LIGHTING CONTROL RELAY SCHEDULES
- L2 — HOME RUN DIRECTLY TO PANEL 'L' CIRCUIT #2
- CONDUIT ROUTED ABOVE GROUND SIZE AND TYPE AS INDICATED
- CONDUIT ROUTED BELOW GROUND OR FLOOR SLAB SIZE AND TYPE AS INDICATED
- CONDUIT TURNED UP
- CONDUIT TURNED DOWN
- CT — CABLE TRAY
- BD, ###A — BUS DUCT ### INDICATES AMPACITY
- CONDUIT SEAL-OFF

NOTE: ALL BRANCH CIRCUITS TO CARRY SEPARATE GROUNDING CONDUCTOR REGARDLESS OF CONDUIT MATERIAL

SWITCHES

- $X — WALL SWITCH, SINGLE POLE SINGLE THROW (SPST) LETTER INDICATES SPECIAL FEATURE
  - 3 = 3-WAY SWITCH
  - 4 = 4-WAY SWITCH
  - D = DIMMER
  - DPST = DOUBLE POLE SINGLE THROW
  - F = FUSED
  - H/C = HEAT/COOL
  - K = KEY
  - M = MANUAL MOTOR STARTER
  - MC = MOMENTARY CONTACT SWITCH
  - OS = OCCUPANCY SENSING
  - P = PILOT LIGHT
  - SM = SURFACE-MOUNTED
  - T = TIMER SWITCH, MFG & MODEL # AS INDICATED
  - TP = MANUAL MOTOR SWITCH, SINGLE PHASE WITH OVERLOADS AND PILOT LIGHT
  - V = VOLUME CONTROLS
  - VS = 120 VOLT, 20 AMP MOTOR RATED VARIABLE SPEED SWITCH
  - WP = WEATHER PROOF
  - X = EXISTING OUTLET BOX WITH NEW SWITCH

NOTE: LOWER CASE LETTERS INDICATE MULTIPLE LEVELS OF LIGHT CONTROL OF FIXTURES WITH CORRESPONDING LETTERS INDICATED ON FIXTURES

- # — WALL SWITCH FOR LIGHTING CONTROL SYSTEM # INDICATES UNIQUE SWITCH DESIGNATION AS SCHEDULED
- OS — CEILING MOUNTED OCCUPANCY SENSOR
- PP — OCCUPANCY SENSOR POWER PACK

MISCELLANEOUS

- EQUIPMENT CONNECTION POINT: SEE MOTOR & EQUIPMENT SCHEDULE
- NC — NURSE CALL
- NC, ES, PS — NURSE CALL – EMERGENCY STATION/PULL STRING
- DL, DT — NURSE CALL DOME LIGHT DT = DUTY TONE STATION
- HANDICAPPED ACCESSIBLE DOOR OPERATOR CONTROL BUTTON
- RS — ROOM STATUS SYSTEM INDICATOR

SECURITY SYSTEM

- CR — CARD READER
- CAMERA CM = NEW CAMERA ECM = EXISTING CAMERA
- MONITOR
- KP — SECURITY SYSTEM KEY PAD
- IR — SECURITY SYSTEM INFRARED MOTION SENSOR
- HB — SECURITY SYSTEM HAND BUTTON ACTIVATION SWITCH
- SP — SECURITY SYSTEM SAFE PROTECTION CONNECTION
- MC — SECURITY SYSTEM MONEY CLIP ACTIVATION SWITCH
- PS — PHOTOELECTRIC PROXIMITY SENSOR
- DC — MAGNETIC DOOR CONTACT SWITCH
- RQ — REQUEST TO EXIT
- ELECTRIC STRIKE
- BG — BREAK GLASS SENSOR

FIRE ALARM SYSTEM

NOTES:
MOUNTING HEIGHTS FOR FIRE ALARM DEVICES:
MANUAL PULL STATION = 48"
HORN/STROBE = 80"
STROBE LIGHTS = 80"
MAGNETIC DOOR HOLDERS = AS SPECIFIED

- FACP — FIRE ALARM CONTROL PANEL(FACP)
- FAAN — FIRE ALARM ANNUNCIATOR
- F — MANUAL PULL STATION
- S — DUCT SMOKE DETECTOR
- S — SMOKE DETECTOR
- S — SMOKE DETECTOR WITH AUXILIARY CONTACTS
- H — HEAT DETECTOR
- H — HEAT DETECTOR WITH AUXILIARY CONTACTS
- CO — CARBON MONOXIDE DETECTOR
- H, X — WEATHER PROOF FIRE HORN/STROBE X = EXTERIOR
- H — F.A. HORN
- H — F.A. AUDIO / VISUAL (HORN/STROBE) WG = WIRE GUARD PROTECTED
- ELR — END OF LINE RESISTER
- SL — STROBE LIGHT
- G — GAS DETECTOR
- M — MAGNETIC DOOR HOLDER
- FS — SPRINKLER SYSTEM WATER FLOW SWITCH
- TS — SPRINKLER SYSTEM TAMPER SWITCH
- RA — RESCUE ASSISTANCE CALL STATION
- RAAN — RESCUE ASSISTANCE ANNUNCIATOR

DATA AND COMMUNICATION EQUIPMENT

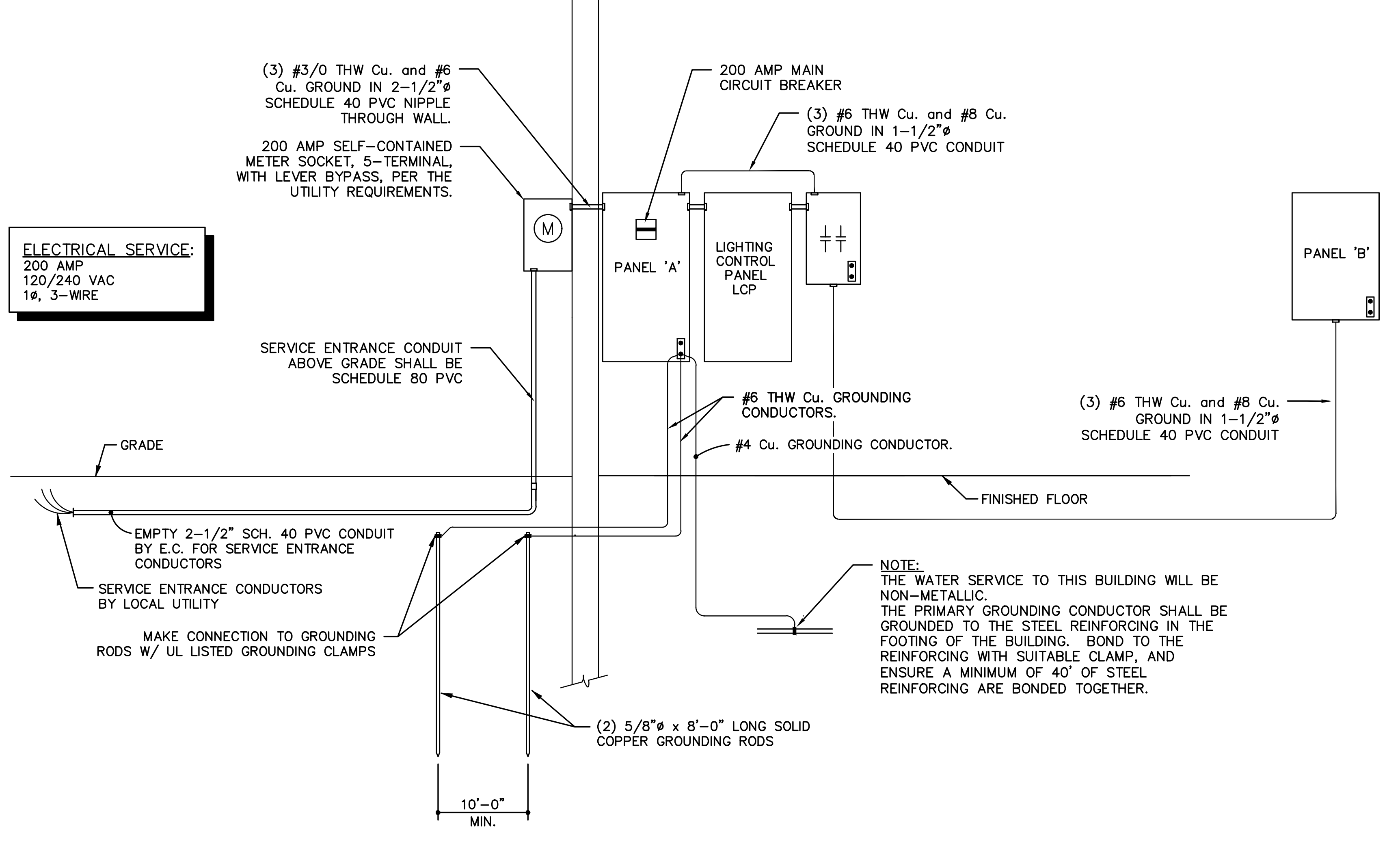
- TTB 4'x8' — DATA/COMMUNICATION BOARD (TTB) 3/4" THICK, GRADE AC PLYWOOD. HEIGHT AND WIDTH AS INDICATED.
- 2 — TELECOMMUNICATIONS OUTLET NUMBER INDICATES 1-DATA JACK, 1-PHONE JACK
- X — FLOOR MOUNTED TELECOMMUNICATIONS OUTLET LETTER OR NUMBER INDICATES FUNCTION
- FLOOR MOUNTED DUPLEX RECEPTACLE W/ SPACE FOR DATA RECEPTACLES
- TTC — TELEPHONE TERMINAL CABINET
- TVTB 4'x8' — CABLE TELEVISION TERMINAL BOARD (TVTB) – 3/4" THICK, GRADE AC PLYWOOD. HEIGHT AND WIDTH AS INDICATED.
- TVTC — CABLE TELEVISION TERMINAL CABINET (TVTC)
- TELEVISION OUTLET
- CLOCK OUTLET DF = DOUBLE FACE

MOTORS AND EQUIPMENT

- MAGNETIC MOTOR STARTER
- COMBINATION DISCONNECT SWITCH AND STARTER
- MANUAL MOTOR SWITCH, 3-PHASE WITH OVERLOADS AND PILOT LIGHT
- MOTOR SEE POWER AND EQUIPMENT SCHEDULE.
- EQUIPMENT CONNECTION POINT. SEE POWER AND EQUIPMENT SCHEDULE.

SOUND SYSTEM

- S — SPEAKER ONLY (WALL-MOUNTED)
- S — SPEAKER ONLY (CEILING-MOUNTED)
- LS — LOUD SPEAKER
- M — MICROPHONE JACK
- M — FLOOR-MOUNTED MICROPHONE JACK
- $V — VOLUME CONTROLS
- SSC — SOUND SYSTEM CONSOLE
- SCP — SOUND SYSTEM CONTROL PANEL WITH AMPLIFIER



EXTERIOR WALL
(3) #3/0 THW Cu. and #6 Cu. GROUND IN 2-1/2"ø SCHEDULE 40 PVC NIPPLE THROUGH WALL.
200 AMP SELF-CONTAINED METER SOCKET, 5-TERMINAL, WITH LEVER BYPASS, PER THE UTILITY REQUIREMENTS.
M
200 AMP MAIN CIRCUIT BREAKER
(3) #6 THW Cu. and #8 Cu. GROUND IN 1-1/2"ø SCHEDULE 40 PVC CONDUIT
PANEL 'A'
LIGHTING CONTROL PANEL LCP
PANEL 'B'
SERVICE ENTRANCE CONDUIT ABOVE GRADE SHALL BE SCHEDULE 80 PVC
#6 THW Cu. GROUNDING CONDUCTORS.
#4 Cu. GROUNDING CONDUCTOR.
(3) #6 THW Cu. and #8 Cu. GROUND IN 1-1/2"ø SCHEDULE 40 PVC CONDUIT
GRADE
FINISHED FLOOR
EMPTY 2-1/2" SCH. 40 PVC CONDUIT BY E.C. FOR SERVICE ENTRANCE CONDUCTORS
SERVICE ENTRANCE CONDUCTORS BY LOCAL UTILITY
MAKE CONNECTION TO GROUNDING RODS W/ UL LISTED GROUNDING CLAMPS
(2) 5/8"ø x 8'-0" LONG SOLID COPPER GROUNDING RODS
10'-0" MIN.

ELECTRICAL SERVICE:
200 AMP
120/240 VAC
1ø, 3-WIRE

NOTE:
THE WATER SERVICE TO THIS BUILDING WILL BE NON-METALLIC.
THE PRIMARY GROUNDING CONDUCTOR SHALL BE GROUNDED TO THE STEEL REINFORCING IN THE FOOTING OF THE BUILDING. BOND TO THE REINFORCING WITH SUITABLE CLAMP, AND ENSURE A MINIMUM OF 40' OF STEEL REINFORCING ARE BONDED TOGETHER.

1 ELECTRICAL RISER DIAGRAM
E000
N.T.S.

river ARCHITECTS
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galileo GROUP
2045 32nd STREET SOUTH
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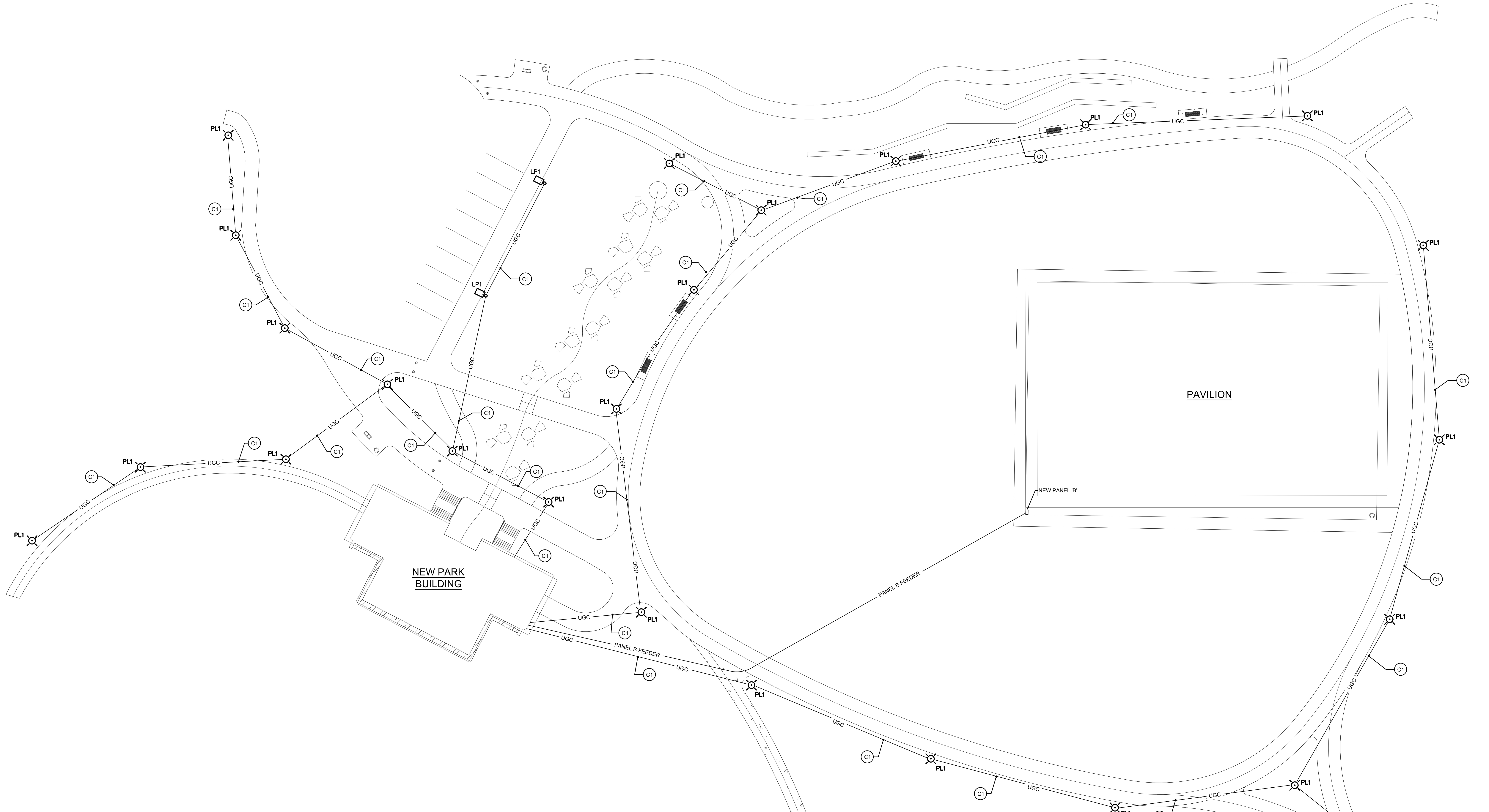
E-MAIL: colson@galileo-group.us

PROJECT
COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

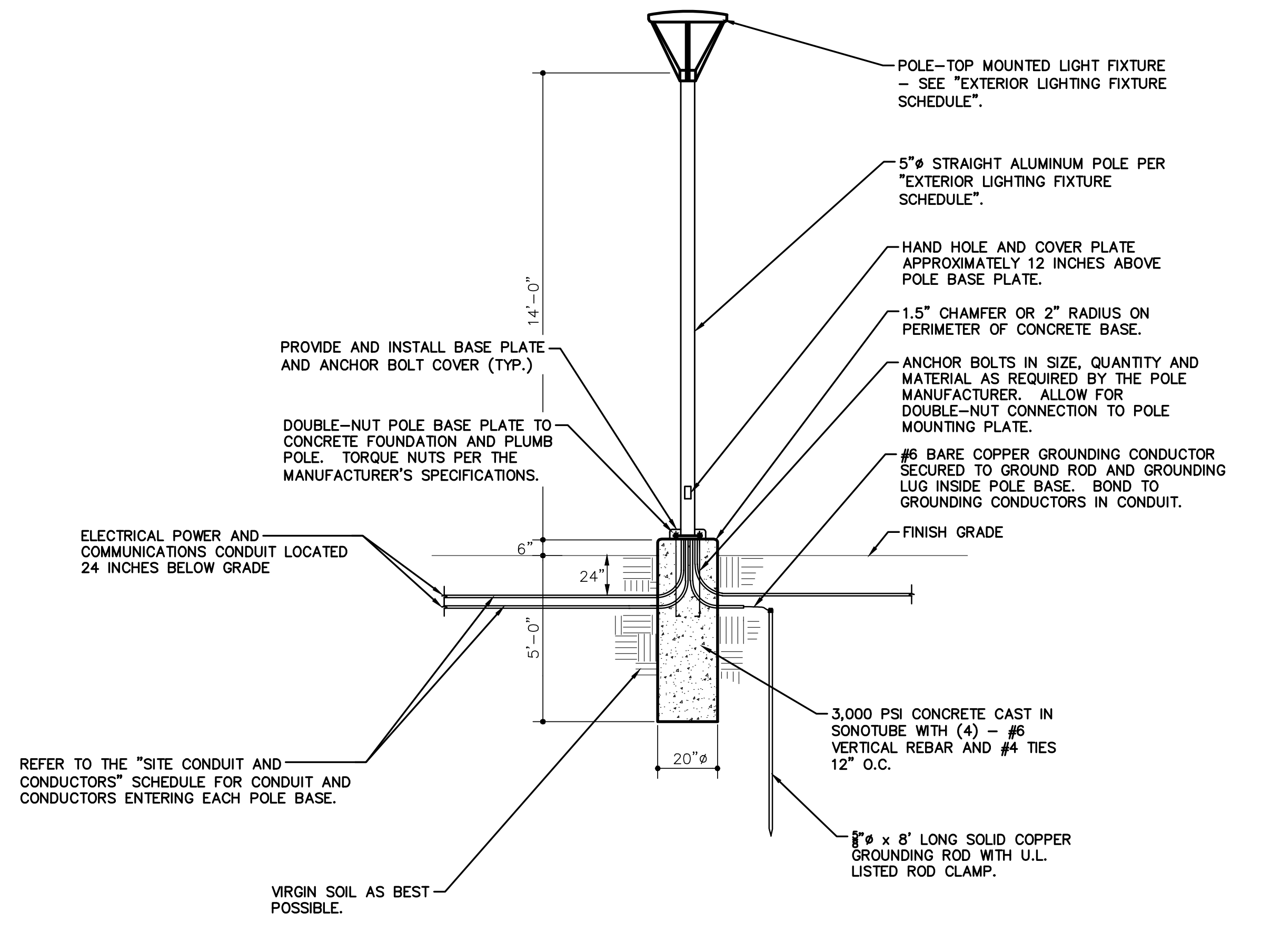
DATE 04/17/26
PROJECT No 1626
DRAWN BY Galileo
DRAWING TITLE ELECTRICAL SYMBOLS, SCHEDULES AND DETAILS
CHECKED BY Galileo

E000

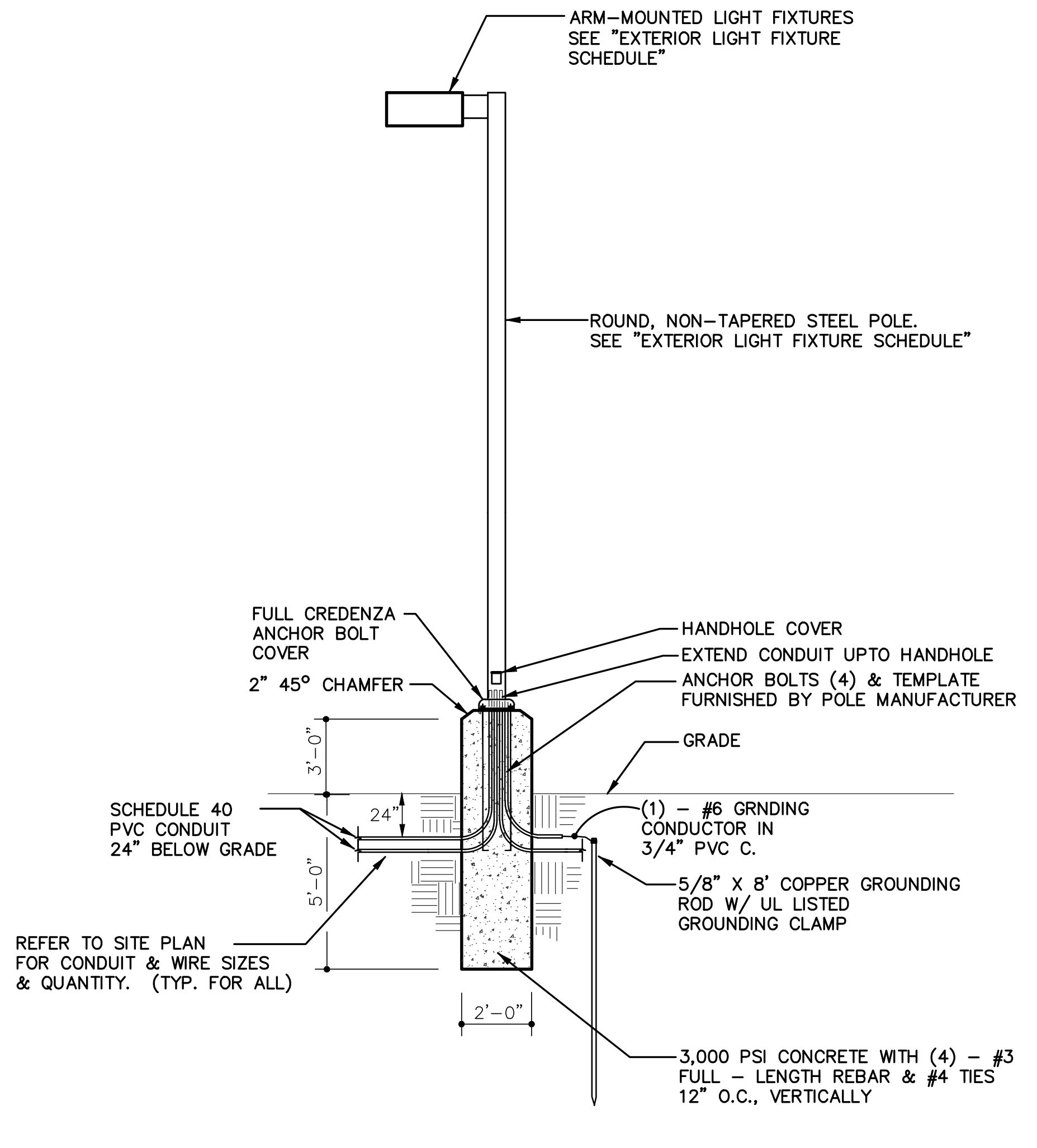

PL1
LP1
C1
UGC
PAVILION
NEW PARK BUILDING
NEW PANEL 'B'
PANEL B FEEDER

1 ELECTRICAL SITE PLAN
E001 1" = 20'-0"

N


POLE–TOP MOUNTED LIGHT FIXTURE – SEE "EXTERIOR LIGHTING FIXTURE SCHEDULE".
5"ø STRAIGHT ALUMINUM POLE PER "EXTERIOR LIGHTING FIXTURE SCHEDULE".
HAND HOLE AND COVER PLATE APPROXIMATELY 12 INCHES ABOVE POLE BASE PLATE.
1.5" CHAMFER OR 2" RADIUS ON PERIMETER OF CONCRETE BASE.
ANCHOR BOLTS IN SIZE, QUANTITY AND MATERIAL AS REQUIRED BY THE POLE MANUFACTURER. ALLOW FOR DOUBLE–NUT CONNECTION TO POLE MOUNTING PLATE.
#6 BARE COPPER GROUNDING CONDUCTOR SECURED TO GROUND ROD AND GROUNDING LUG INSIDE POLE BASE. BOND TO GROUNDING CONDUCTORS IN CONDUIT.
FINISH GRADE
PROVIDE AND INSTALL BASE PLATE AND ANCHOR BOLT COVER (TYP.)
DOUBLE–NUT POLE BASE PLATE TO CONCRETE FOUNDATION AND PLUMB POLE. TORQUE NUTS PER THE MANUFACTURER'S SPECIFICATIONS.
ELECTRICAL POWER AND COMMUNICATIONS CONDUIT LOCATED 24 INCHES BELOW GRADE
14'–0"
6"
24"
5'–0"
20"ø
3,000 PSI CONCRETE CAST IN SONOTUBE WITH (4) – #6 VERTICAL REBAR AND #4 TIES 12" O.C.
REFER TO THE "SITE CONDUIT AND CONDUCTORS" SCHEDULE FOR CONDUIT AND CONDUCTORS ENTERING EACH POLE BASE.
5/8"ø x 8' LONG SOLID COPPER GROUNDING ROD WITH U.L. LISTED ROD CLAMP.
VIRGIN SOIL AS BEST POSSIBLE.

3 TYPE 'PL1' POLE-MOUNTED FIXTURE DETAIL
E001 N.T.S.


ARM–MOUNTED LIGHT FIXTURES SEE "EXTERIOR LIGHT FIXTURE SCHEDULE"
ROUND, NON–TAPERED STEEL POLE. SEE "EXTERIOR LIGHT FIXTURE SCHEDULE"
FULL CREDENZA ANCHOR BOLT COVER
2" 45° CHAMFER
HANDHOLE COVER
EXTEND CONDUIT UPTO HANDHOLE
ANCHOR BOLTS (4) & TEMPLATE FURNISHED BY POLE MANUFACTURER
GRADE
3'–0"
24"
5'–0"
2'–0"
SCHEDULE 40 PVC CONDUIT 24" BELOW GRADE
(1) – #6 GRNDING CONDUCTOR IN 3/4" PVC C.
5/8" X 8' COPPER GROUNDING ROD W/ UL LISTED GROUNDING CLAMP
REFER TO SITE PLAN FOR CONDUIT & WIRE SIZES & QUANTITY. (TYP. FOR ALL)
3,000 PSI CONCRETE WITH (4) – #3 FULL – LENGTH REBAR & #4 TIES 12" O.C., VERTICALLY

2 TYPE 'LP1' POLE-MOUNTED FIXTURE DETAIL
E001 N.T.S.

river ARCHITECTS
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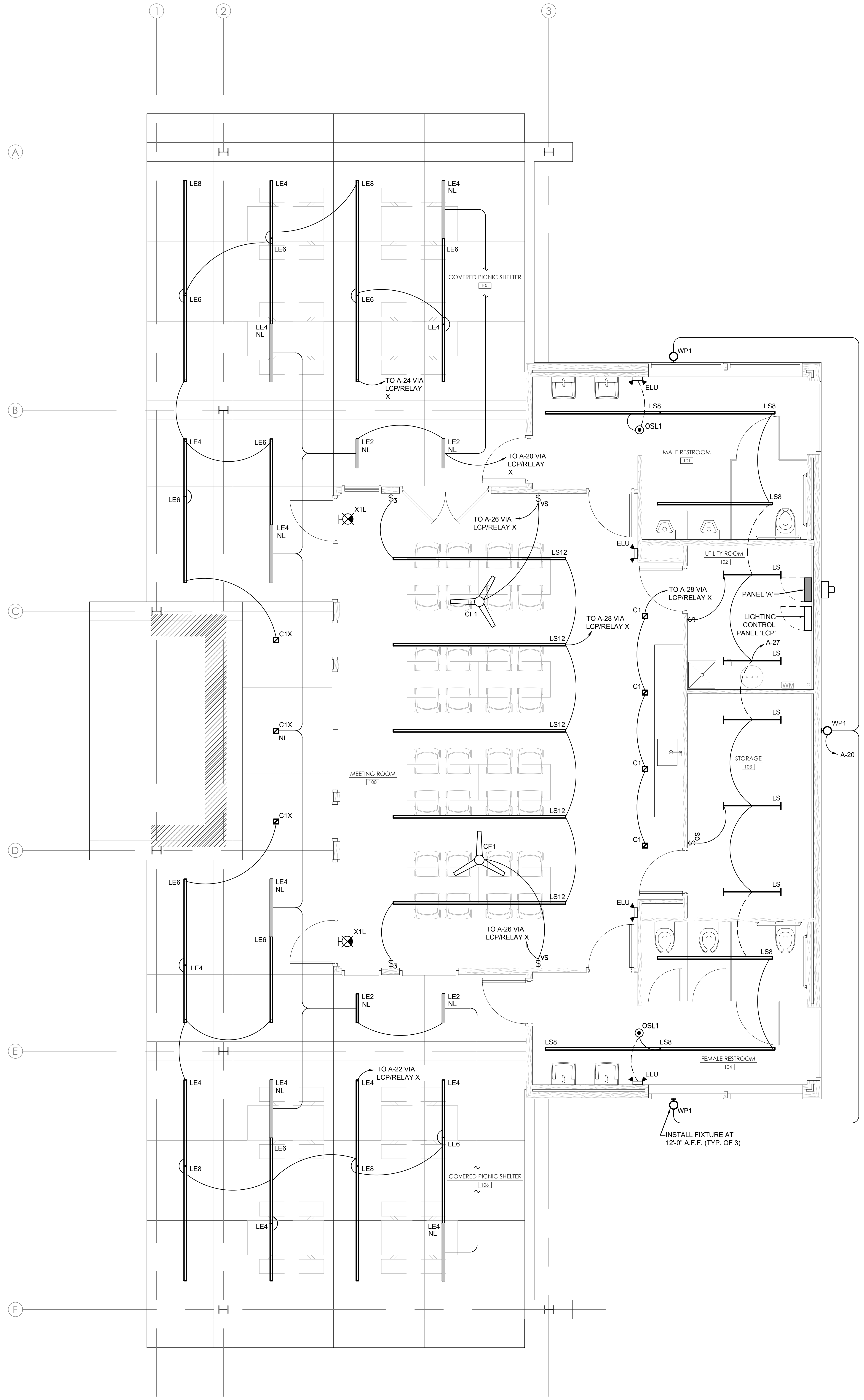
PROJECT
COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

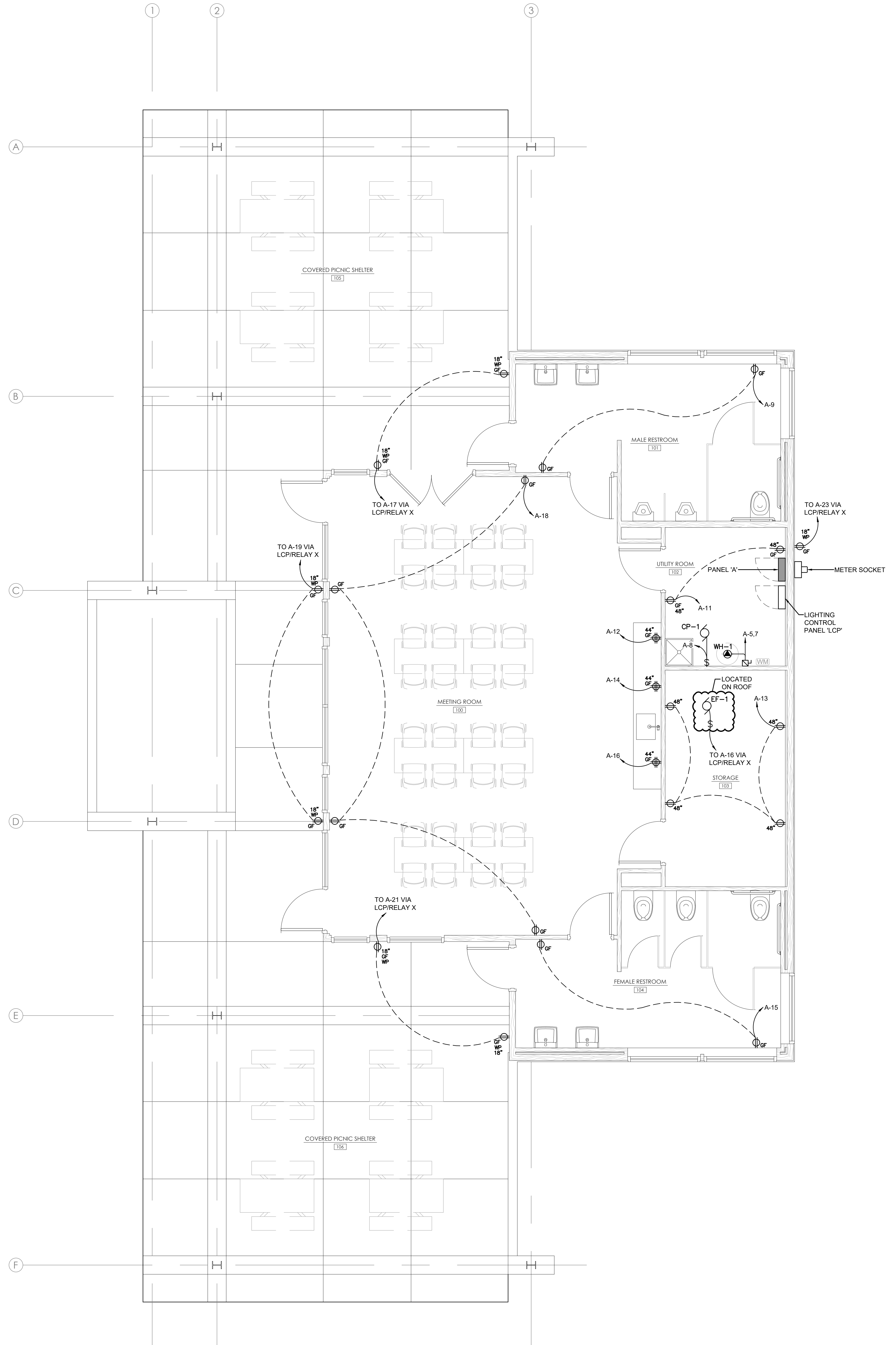
DATE 04/17/26
PROJECT No 1626
DRAWN BY Galileo
DRAWING TITLE
CHECKED BY Galileo
ELECTRICAL SITE PLAN & SITE FIXTURE DETAILS

E001


1
2
3
A
B
C
D
E
F
LE8
LE4
LE8
LE4
NL
LE6
LE6
LE6
LE6
LE4
NL
LE4
COVERED PICNIC SHELTER
105
TO A-24 VIA
LCP/RELAY
X
LE4
LE6
LE6
LE4
NL
LE2
NL
LE2
NL
TO A-20 VIA
LCP/RELAY
X
X1L
$3
$VS
TO A-26 VIA
LCP/RELAY X
WP1
ELU
LS8
LS8
OSL1
MALE RESTROOM
101
LS8
ELU
LS12
CF1
UTILITY ROOM
102
TO A-28 VIA
LCP/RELAY X
LS
PANEL 'A'
LIGHTING
CONTROL
PANEL 'LCP'
A-27
LS
WM
TO A-28 VIA
LCP/RELAY X
LS12
C1
C1
C1
C1
C1X
C1X
NL
C1X
MEETING ROOM
100
LS12
LS12
LS12
LS
STORAGE
103
LS
LS
WP1
A-20
$OS
CF1
LE6
LE4
NL
LE6
LE4
X1L
$3
TO A-26 VIA
LCP/RELAY X
$VS
ELU
LS8
LE2
NL
LE2
NL
OSL1
LS8
LS8
FEMALE RESTROOM
104
ELU
TO A-22 VIA
LCP/RELAY X
LE4
LE4
NL
LE4
LE4
LE6
LE6
LE8
LE8
COVERED PICNIC SHELTER
106
LE8
LE4
NL
LE4
NL
WP1
INSTALL FIXTURE AT
12'-0" A.F.F. (TYP. OF 3)

1 E100 **FIRST FLOOR LIGHTING PLAN**
1/4" = 1'-0"

N


1
2
3
A
B
C
D
E
F
COVERED PICNIC SHELTER
105
18"
WP
GF
GF
A-9
MALE RESTROOM
101
18"
WP
GF
GF
GF
TO A-17 VIA
LCP/RELAY X
A-18
TO A-23 VIA
LCP/RELAY X
18"
WP
GF
TO A-19 VIA
LCP/RELAY X
18"
WP
GF
GF
48"
GF
UTILITY ROOM
102
PANEL 'A'
METER SOCKET
LIGHTING
CONTROL
PANEL 'LCP'
GF
48"
A-11
A-12
44"
GF
CP-1
A-8
WH-1
A-5,7
WM
A-14
44"
GF
LOCATED
ON ROOF
EF-1
48"
A-13
48"
MEETING ROOM
100
TO A-16 VIA
LCP/RELAY X
A-16
44"
GF
STORAGE
103
48"
48"
18"
WP
GF
GF
TO A-21 VIA
LCP/RELAY X
18"
GF
WP
GF
GF
FEMALE RESTROOM
104
A-15
GF
WP
18"
GF
COVERED PICNIC SHELTER
106

2 E100 **FIRST FLOOR POWER PLAN**
1/4" = 1'-0"

N

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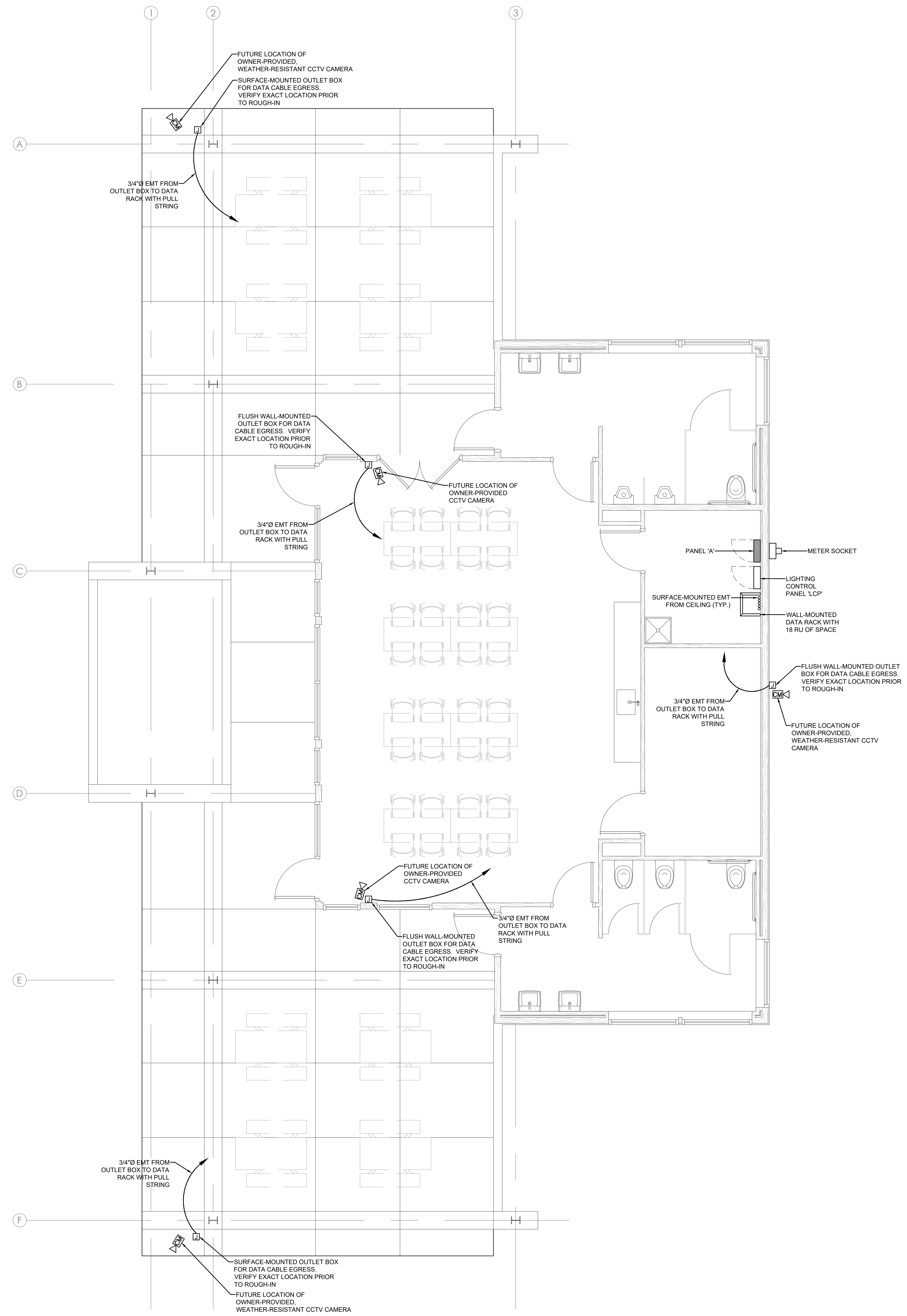
PROJECT
COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

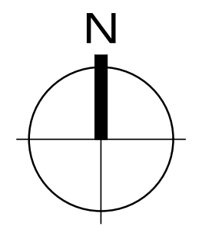
DATE 04/17/26
DRAWN BY Galileo
CHECKED BY Galileo
PROJECT No 1626
DRAWING TITLE
ELECTRICAL FLOOR PLANS

E100


1
2
3
A
B
C
D
E
F
FUTURE LOCATION OF OWNER-PROVIDED, WEATHER-RESISTANT CCTV CAMERA
SURFACE-MOUNTED OUTLET BOX FOR DATA CABLE EGRESS. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN
3/4"Ø EMT FROM OUTLET BOX TO DATA RACK WITH PULL STRING
FLUSH WALL-MOUNTED OUTLET BOX FOR DATA CABLE EGRESS. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN
FUTURE LOCATION OF OWNER-PROVIDED CCTV CAMERA
3/4"Ø EMT FROM OUTLET BOX TO DATA RACK WITH PULL STRING
PANEL 'A'
METER SOCKET
LIGHTING CONTROL PANEL 'LCP'
SURFACE-MOUNTED EMT FROM CEILING (TYP.)
WALL-MOUNTED DATA RACK WITH 18 RU OF SPACE
FLUSH WALL-MOUNTED OUTLET BOX FOR DATA CABLE EGRESS. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN
3/4"Ø EMT FROM OUTLET BOX TO DATA RACK WITH PULL STRING
J
CM
FUTURE LOCATION OF OWNER-PROVIDED, WEATHER-RESISTANT CCTV CAMERA
FUTURE LOCATION OF OWNER-PROVIDED CCTV CAMERA
3/4"Ø EMT FROM OUTLET BOX TO DATA RACK WITH PULL STRING
FLUSH WALL-MOUNTED OUTLET BOX FOR DATA CABLE EGRESS. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN
3/4"Ø EMT FROM OUTLET BOX TO DATA RACK WITH PULL STRING
SURFACE-MOUNTED OUTLET BOX FOR DATA CABLE EGRESS. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN
FUTURE LOCATION OF OWNER-PROVIDED, WEATHER-RESISTANT CCTV CAMERA

1 ELECTRICAL LOW VOLTAGE SYSTEMS PLAN

E101
1/4" = 1'-0"



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PROJECT
COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

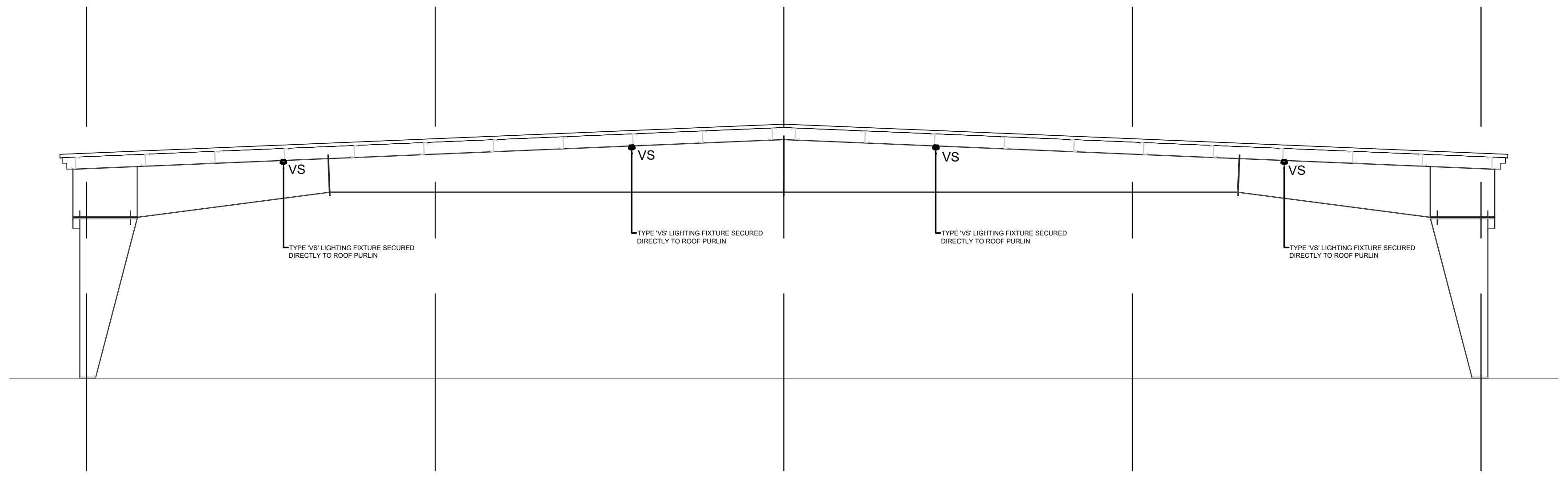
DATE 04/17/26
PROJECT No 1626
DRAWN BY Galileo
DRAWING TITLE
CHECKED BY Galileo
ELECTRICAL LOW VOLTAGE SYSTEMS

E101

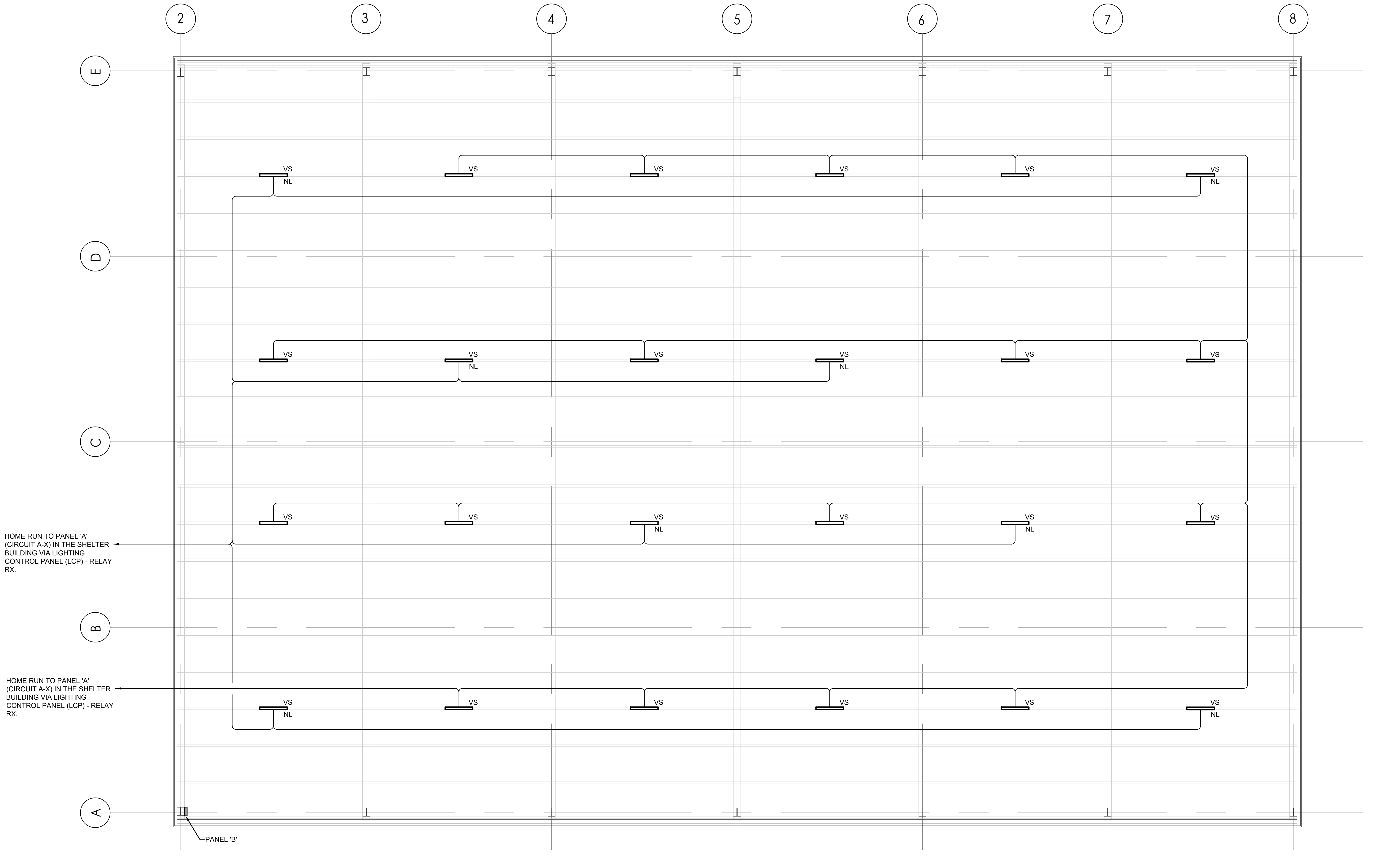
LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	EMERGENCY POWER SUPPLY REQUIRED?	VOLT	MOUNTING			LAMPS			LED Light Source				WATTS/ FIXTURE	REMARKS
						F	S	*	NO.	Watt	Type	Lumens	Color	CRI (Min.)	Dimmable		
VS	Fail-Safe	HVSL4-4-LD4-2-HI-40-UNV-O-EDC1-SHP-DP	4 Inch wide x 44 inch long vandal-resistant, high abuse linear fixture with polycarbonate lens, optional stainless steel painted housing with Dark Platinum paint color.		120		**X**					8,623	4,000K	80	Not Required	86.2	

Remarks:


VS
VS
VS
VS
TYPE 'VS' LIGHTING FIXTURE SECURED DIRECTLY TO ROOF PURLIN
TYPE 'VS' LIGHTING FIXTURE SECURED DIRECTLY TO ROOF PURLIN
TYPE 'VS' LIGHTING FIXTURE SECURED DIRECTLY TO ROOF PURLIN
TYPE 'VS' LIGHTING FIXTURE SECURED DIRECTLY TO ROOF PURLIN

2
E200
NORTH PAVILION SECTION
1/8" = 1'-0"


2
3
4
5
6
7
8
E
D
C
B
A
VS
NL
HOME RUN TO PANEL 'A' (CIRCUIT A-X) IN THE SHELTER BUILDING VIA LIGHTING CONTROL PANEL (LCP) - RELAY RX.
HOME RUN TO PANEL 'A' (CIRCUIT A-X) IN THE SHELTER BUILDING VIA LIGHTING CONTROL PANEL (LCP) - RELAY RX.
PANEL 'B'

1
E200
NORTH PAVILION PLAN - NEW LIGHTING
1/8" = 1'-0"

N

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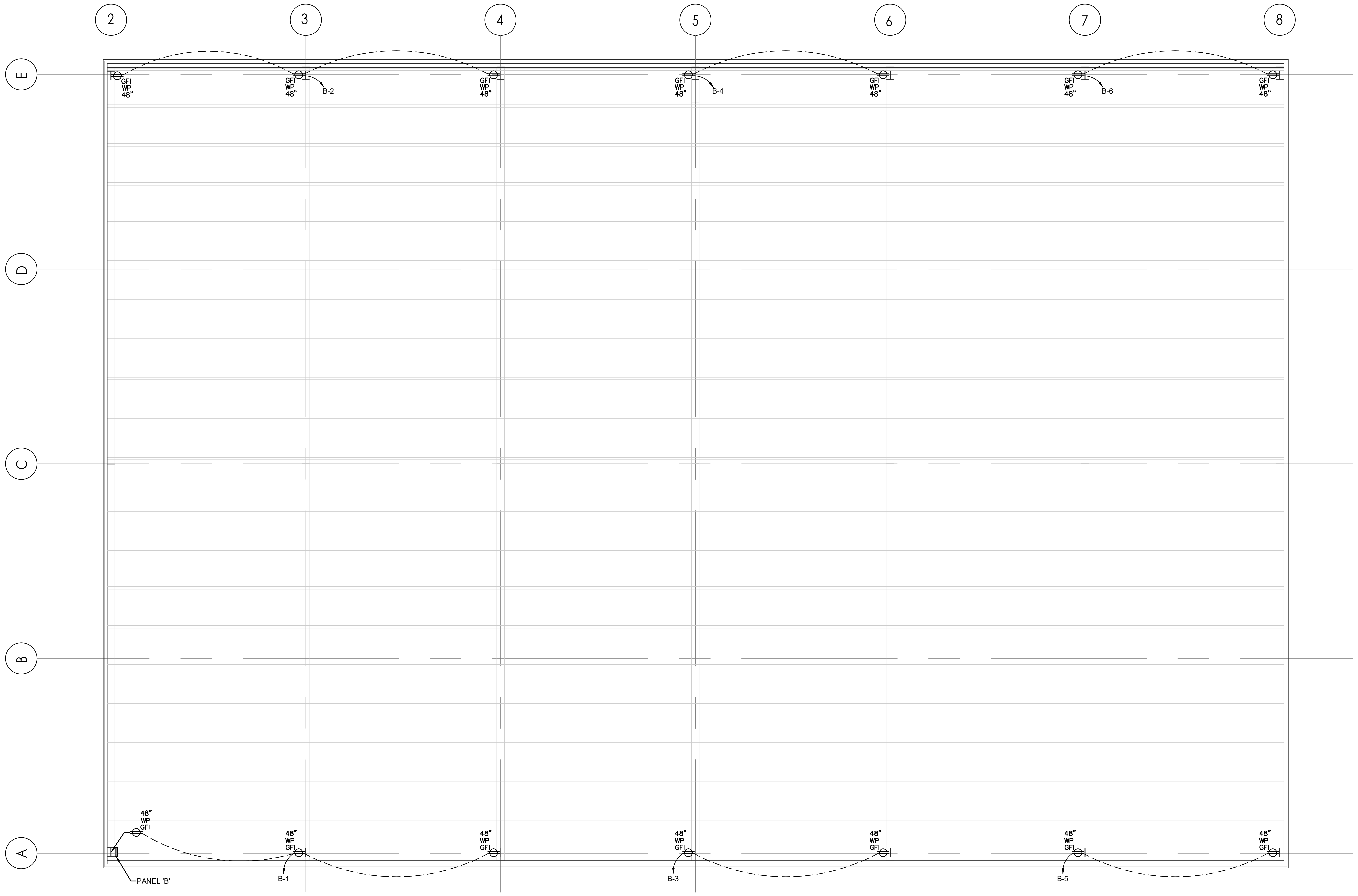
PROJECT
COPELAND PARK
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

DATE 04/17/26
PROJECT No 1626
DRAWN BY Galileo
DRAWING TITLE
CHECKED BY Galileo
NORTH PAVILION PLAN - NEW LIGHTING

E200



1
E201
NORTH PAVILION PLAN - NEW POWER
1/8" = 1'-0"

river ARCHITECTS
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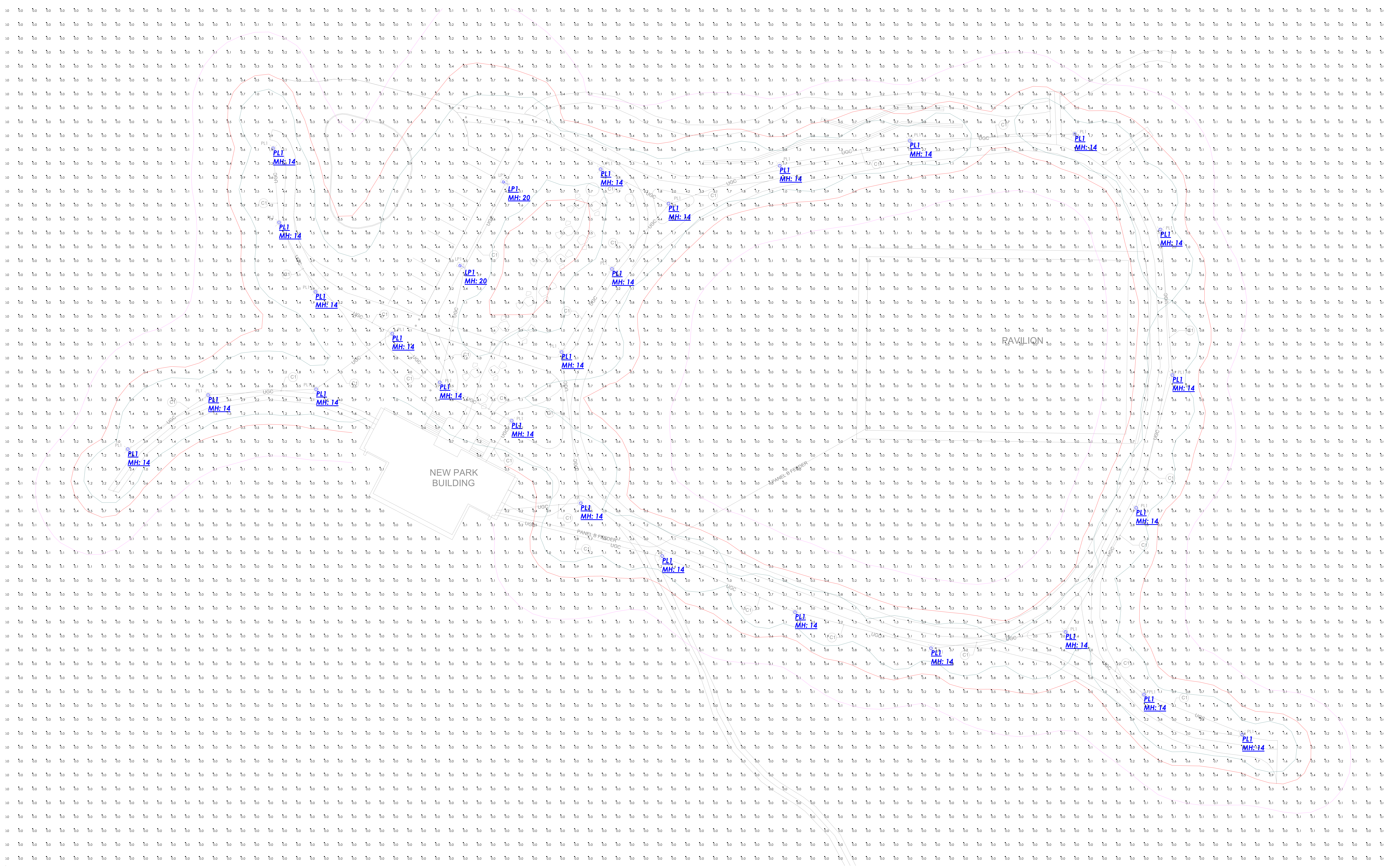
SHELTER BUILDING + SITE IMPROVEMENTS
1130 ROSE STREET, LA CROSSE, WI 54603

DATE 04/17/26
PROJECT No 1626
DRAWN BY Galileo
DRAWING TITLE
CHECKED BY Galileo
NORTH PAVILION PLAN - NEW POWER

E201



Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE	Illuminance	Fc	0.41	5.6	0.0	N.A.	N.A.

Luminaire Schedule								
Symbol	Qty	Label	Manufacturer	Description	Arrangement	Lum. Lumens	Lum. Watts	LLF
⊡	2	LP1	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	PRV-PA2A-730-U-T4W-SA-BK - RSP-20-4-11-D1-AB-BK	Single	15560	112	0.900
⊙	26	PL1	COOPER LIGHTING SOLUTIONS - INVUE (FORMERLY EATON)	ARB-B3-LED-D1-T2-8030 - RSP-14-4-11-T1-AB-BK	Single	6149	99	0.900

1. Standard Reflectance of 80/50/20 unless noted otherwise
2. Not a Construction Document, for Design purposes only
3. Standard indoor calc points @ 30" A.F.F. unless noted otherwise
4. Standard outdoor calc points @ Grade unless noted otherwise
5. Egress calc points @ 0" A.F.F.
6. Mlazgar Associates assumes no responsibility for installed light levels due to field conditions, etc.

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16350 W. GLENDALE DR.
NEW BERLIN, WI 53151
(p) 414-943-1915
(f) 952-943-8088
www.mlazgar.com

MLAZGAR ASSOCIATES

#	Date	Comments

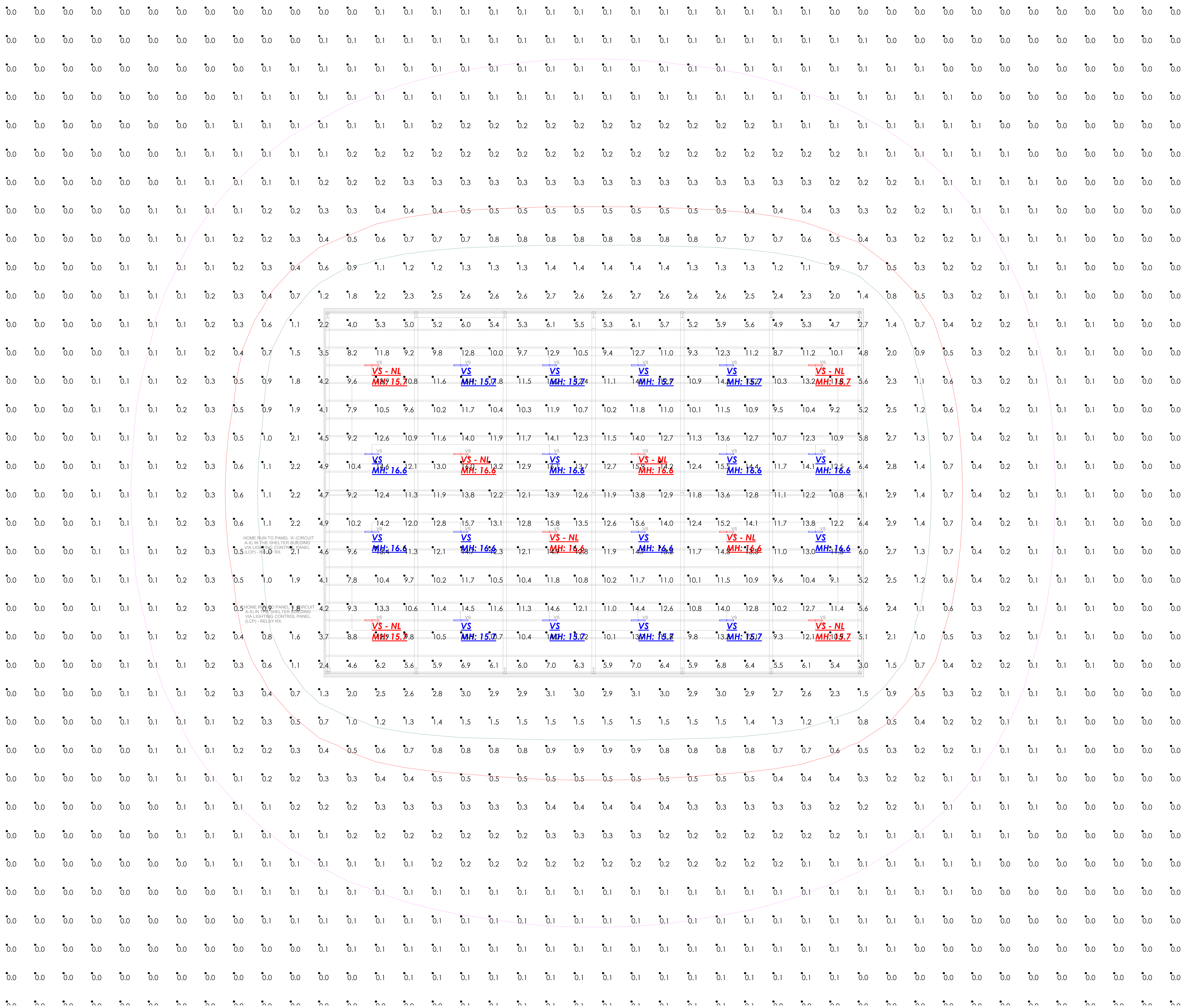
Revisions

RLMA Project #: 186934
Drawn By: EP
Date:4/15/2026
Scale: 1" = 22' 0"

PHOTOMETRIC SITE PLAN

COPELAND PARK
LACROSSE, WI

E300


VS - NL
MH: 15.7
VS
MH: 15.7
VS
MH: 15.7
VS
MH: 15.7
VS
MH: 15.7
VS - NL
MH: 15.7
VS
MH: 16.6
VS - NL
MH: 16.6
VS
MH: 16.6
VS - NL
MH: 16.6
VS
MH: 16.6
VS
MH: 16.6
HOME RUN TO PANEL 'A' (CIRCUIT A-X) IN THE SHELTER BUILDING VIA LIGHTING CONTROL PANEL (LCP) - RELAY RX.
VS
MH: 16.6
VS
MH: 16.6
VS - NL
MH: 16.6
VS
MH: 16.6
VS - NL
MH: 16.6
VS
MH: 16.6
HOME RUN TO PANEL 'A' (CIRCUIT A-X) IN THE SHELTER BUILDING VIA LIGHTING CONTROL PANEL (LCP) - RELAY RX.
VS - NL
MH: 15.7
VS
MH: 15.7
VS
MH: 15.7
VS
MH: 15.7
VS
MH: 15.7
VS - NL
MH: 15.7

Calculation Summary
Scenario: NORMAL

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE	Illuminance	Fc	0.74	16.1	0.0	N.A.	N.A.

Luminaire Schedule
Scenario: NORMAL

Symbol	Qty	Label	Manufacturer	Description	Arrangement	Lum. Lumens	Lum. Watts	LLF
▭	16	VS	COOPER LIGHTING SOLUTIONS - FAIL-SAFE (FORMERLY EATON)	HVSL4-4-LD4-2HI-40-UNV-O-EDC1-SHP-DP	Single	9425	86.2	0.900
▭	8	VS - NL	COOPER LIGHTING SOLUTIONS - FAIL-SAFE (FORMERLY EATON)	HVSL4-4-LD4-2HI-40-UNV-O-EDC1-SHP-DP	Single	9425	86.2	0.900

1. Standard Reflectance of 80/50/20 unless noted otherwise
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#	Date	Comments

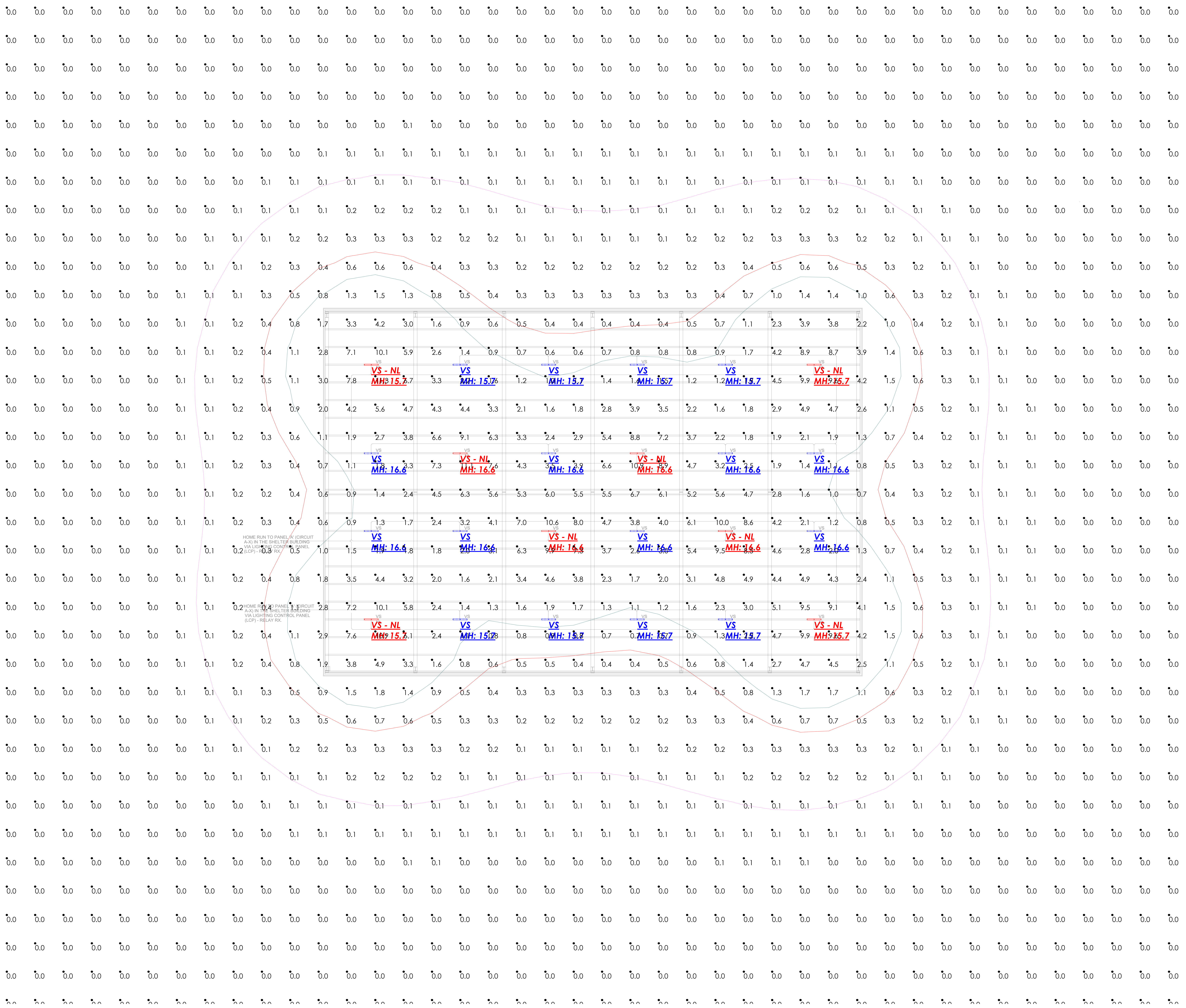
Revisions

RLMA Project #: 186934
Drawn By: EP
Date:4/14/2026
Scale: 1" = 12' 0"

PHOTOMETRIC PAVILLION ALL LIGHTS ON

COPELAND PARK
LACROSSE, WI

E301


VS - NL
MH: 15.7
VS
MH: 15.7
VS
MH: 16.6
VS - NL
MH: 16.6
HOME RUN TO PANEL 'A' (CIRCUIT A-X) IN THE SHELTER BUILDING VIA LIGHTING CONTROL PANEL (LCP) - RELAY RX.
HOME RUN TO PANEL 'A' (CIRCUIT A-X) IN THE SHELTER BUILDING VIA LIGHTING CONTROL PANEL (LCP) - RELAY RX.

Calculation Summary
Scenario: EGRESS

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE	Illuminance	Fc	0.25	11.3	0.0	N.A.	N.A.

Luminaire Schedule
Scenario: EGRESS

Symbol	Qty	Label	Manufacturer	Description	Arrangement	Lum. Lumens	Lum. Watts	LLF
▭	16	VS	COOPER LIGHTING SOLUTIONS - FAIL-SAFE (FORMERLY EATON)	HVSL4-4-LD4-2HI-40-UNV-O-EDC1-SHP-DP	Single	9425	86.2	0.900
▭	8	VS - NL	COOPER LIGHTING SOLUTIONS - FAIL-SAFE (FORMERLY EATON)	HVSL4-4-LD4-2HI-40-UNV-O-EDC1-SHP-DP	Single	9425	86.2	0.900

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MLAZGAR ASSOCIATES

#	Date	Comments

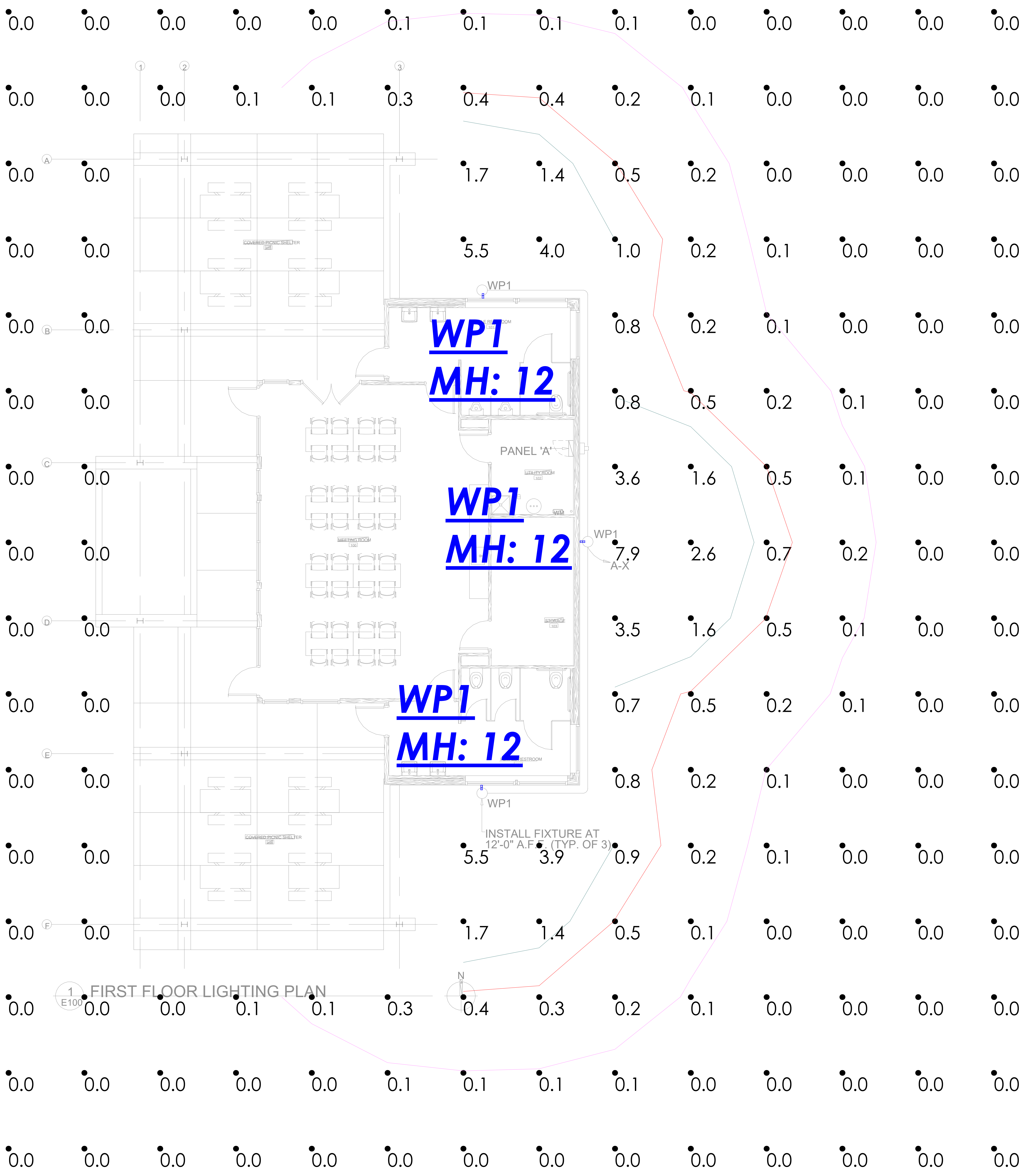
Revisions

RLMA Project #: 186934
Drawn By: EP
Date:4/14/2026
Scale: 1" = 12' 0"

PHOTOMETRIC PAVILLION NIGHT LIGHTING

COPELAND PARK
LACROSSE, WI

E302


WP1
MH: 12
WP1
MH: 12
WP1
MH: 12
WP1
WP1
WP1
A-X
PANEL 'A'
INSTALL FIXTURE AT 12'-0" A.F.F. (TYP. OF 3)
N
1
E100
FIRST FLOOR LIGHTING PLAN

0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.4	0.2	0.1	0.0	0.0	0.0	0.0
0.0	0.0					1.7	1.4	0.5	0.2	0.0	0.0	0.0	0.0
0.0	0.0					5.5	4.0	1.0	0.2	0.1	0.0	0.0	0.0
0.0	0.0							0.8	0.2	0.1	0.0	0.0	0.0
0.0	0.0							0.8	0.5	0.2	0.1	0.0	0.0
0.0	0.0							3.6	1.6	0.5	0.1	0.0	0.0
0.0	0.0							7.9	2.6	0.7	0.2	0.0	0.0
0.0	0.0							3.5	1.6	0.5	0.1	0.0	0.0
0.0	0.0							0.7	0.5	0.2	0.1	0.0	0.0
0.0	0.0							0.8	0.2	0.1	0.0	0.0	0.0
0.0	0.0					5.5	3.9	0.9	0.2	0.1	0.0	0.0	0.0
0.0	0.0					1.7	1.4	0.5	0.1	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE	Illuminance	Fc	0.29	7.9	0.0	N.A.	N.A.

Luminaire Schedule

Symbol	Qty	Label	Manufacturer	Description	Arrangement	Lum. Lumens	Lum. Watts	LLF
	3	WP1	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	XTOR3B-Y-BK-PC1	Single	2575	25.5	0.900

1. Standard Reflectance of 80/50/20 unless noted otherwise
2. Not a Construction Document, for Design purposes only
3. Standard indoor calc points @ 30" A.F.F. unless noted otherwise
4. Standard outdoor calc points @ Grade unless noted otherwise
5. Egress calc points @ 0" A.F.F.
6. Mlazgar Associates assumes no responsibility for installed light levels due to field conditions, etc.

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#	Date	Comments

Revisions

RLMA Project #: 186934
Drawn By: EP
Date:4/14/2026
Scale: 1" = 6'0"

PHOTOMETRIC SHELTER SECURITY LIGHTING

COPELAND PARK
LACROSSE, WI

E303