City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Meeting Agenda

Commercial/Multi-Family Design Review Committee

Friday, August 29, 2025 | **9:00 AM** | **Virtual via Zoom**

The meeting is conducted through video conferencing.
Members of the public will be able to attend the meeting via video conferencing with the link below.

Join Zoom Meeting
Click this link (or typing the URL in your web browser address bar):
https://cityoflacrosse-org.zoom.us/j/82799188943?pwd=pAMS3MbJusyBqR9mjCiK3jH6cAP0rk.1

Meeting ID: 827 9918 8943
Passcode: 212646

Dial by your location
1 312 626 6799

If you wish to speak please provide written comments by emailing acklint@cityoflacrosse.org, using a drop box outside of City Hall or mailing the Department of Planning, Development, and Assessment at 400 La Crosse St, WI 54601

Call to Order

Agenda Items:

1. 25-1033 Review of plans for the building located at 1007 Palace Street. (Badger-Hickey Park Restrooms/Shelter)

Attachments: Badger-Hickey Park Restrooms & Shelter Plans 8-29-25

Badger Hickey Park - Shelter Exterior.pdf

Adjournment

Notice is further given that members of other governmental bodies may be present at the above scheduled meeting to gather information about a subject over which they have decision-making responsibility.

NOTICE TO PERSONS WITH A DISABILITY
Requests from persons with a disability who need assistance to participate in this meeting should call the City Clerk's office at (608) 789-7510 or send an email to ADAcityclerk@cityoflacrosse.org, with as much advance notice as possible.

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 25-1033

Agenda Date: 8/29/2025 **Version:** 1 **Status:** Agenda Ready

In Control: Commercial/Multi-Family Design Review Committee **File Type:** Review of Plans

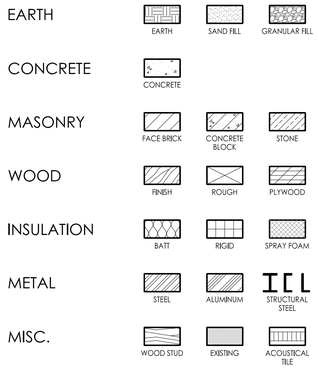
Agenda Number: 1.

BADGER-HICKEY PARK RESTROOMS & SHELTER

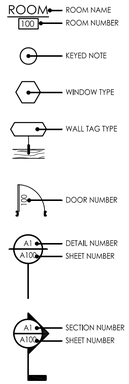
1007 PALACE STREET LA CROSSE, WI

DRAWING INDEX

MATERIALS INDEX



SYMBOL LEGEND



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

STRUCTURAL:
MEYER BORGMAN JOHNSON
206 SOUTH BROADWAY, SUITE 300
ROCHESTER, MN 55904
507.513.7972

PLUMBING/MECHANICAL/ELECTRICAL:
GALILEO CONSULTING GROUP, LLC
2920 EAST AVENUE SOUTH, SUITE 102
LA CROSSE, WISCONSIN 54601
608.787.9106

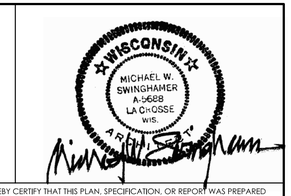
PROJECT SITE
1007 PALACE STREET
LA CROSSE, WI

PROJECT LOCATION MAP

ARCHITECTURAL ABBREVIATIONS

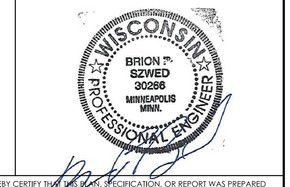
A.B.	ANCHOR BOLT	EPI	EXTRUDED POLYSTYRENE	L	LENGTH	REINF	REINFORCING, REINFORCED,
A/C	AIR CONDITIONING		INSULATION	LAV	LAVATORY		REINFORCEMENT
ACT	ACOUSTICAL PANEL CEILING TILE	EQ	EQUAL	LOC.	LOCATE	REQD	REQUIRED
A.F.F.	ABOVE FINISHED FLOOR	EQUIP	EQUIPMENT	LF	LINEAR FOOT	REV.	REVISE, REVISION, REVERSED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

ARCHITECTURAL



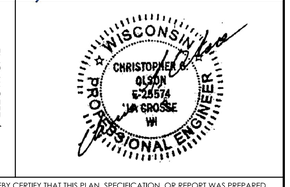
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAW OF THE STATE OF WISCONSIN

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

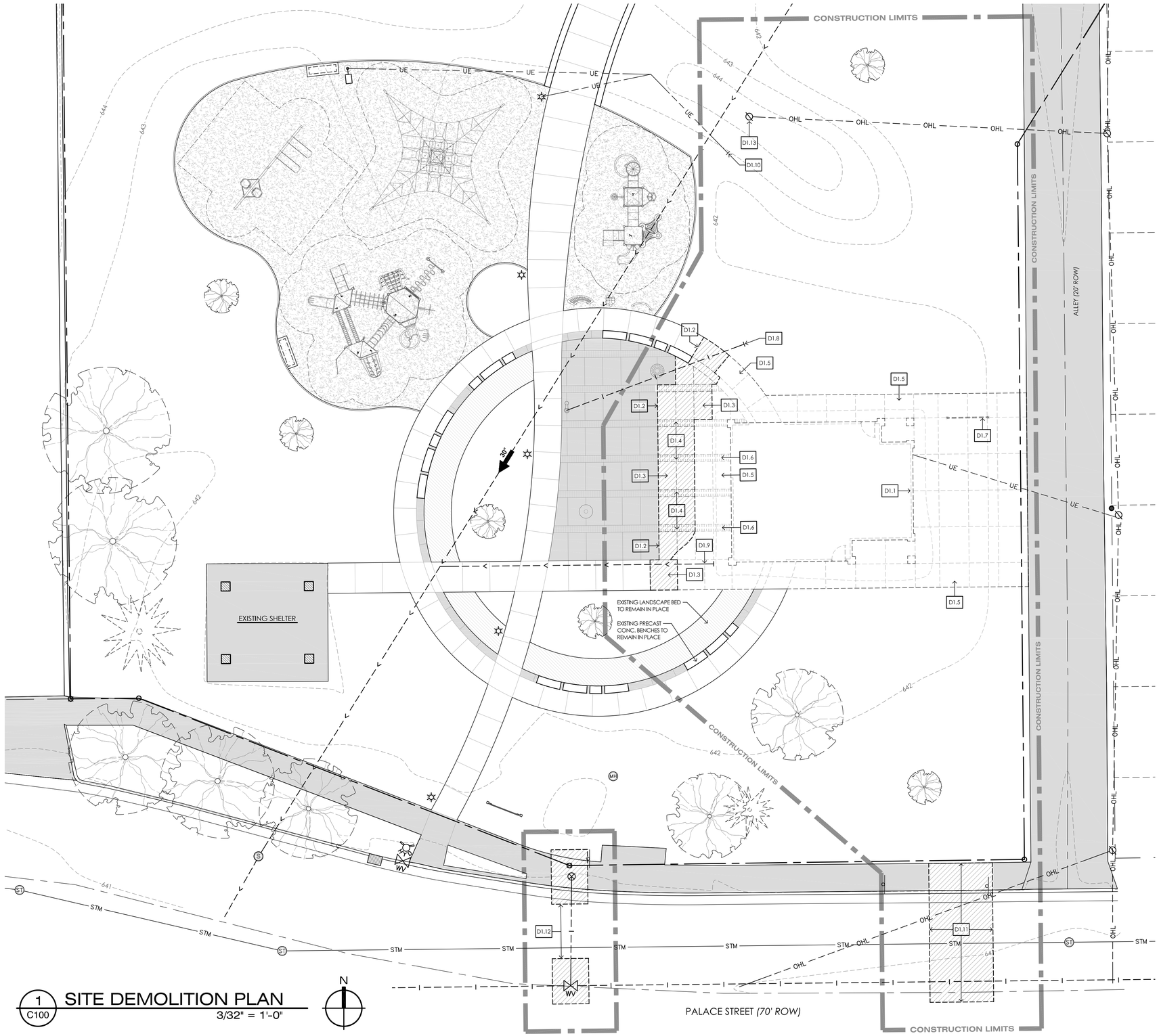
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

PROJECT **BADGER - HICKEY PARK RESTROOMS & SHELTER**
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS

PROJECT No 1620
DRAWING TITLE TITLE SHEET, DRAWING INDEX

SHEET No **G001**



1 C100 SITE DEMOLITION PLAN
3/32" = 1'-0"

GENERAL NOTES - DEMOLITION:

1. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT PROJECT SITE PRIOR TO SUBMITTING BID AND NOTIFY ARCHITECT OF DISCREPANCIES OR PERCEIVED DIFFICULTIES
2. PRIOR TO ANY EARTHWORK ACTIVITY, ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND APPROPRIATE PERMITS SHALL BE OBTAINED
3. THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD, ARE APPROXIMATE AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE & PRESERVE ANY & ALL UTILITIES. **CALL DIGGERS HOT LINE (800) 242-8511**
4. THE UNDERGROUND LOCATIONS OF PUBLIC UTILITIES WERE MARKED BY REPRESENTATIVES OF THOSE COMPANIES. LOCATIONS OF PRIVATELY OWNED UNDERGROUND UTILITIES WERE NOT MARKED OR RECORDED
5. THERE MAY BE MORE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THESE PLANS
6. ALL ITEMS LISTED FOR DEMOLITION SHALL BE RE-USED OR REMOVED COMPLETELY AND DISPOSED OF AS SPECIFIED OR AS INDICATED
7. 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
8. ALL DEMOLITION PLANS ARE PROVIDED FOR REFERENCE ONLY. LOCATIONS OF PAVEMENT, FIXTURES, ETC. ARE APPROXIMATE AND SHALL BE VERIFIED BY THE DEMOLITION CONTRACTOR
9. ADDITIONAL DEMOLITION NOTES ARE INCLUDED THROUGHOUT THE DRAWINGS. REFER TO ALL OTHER PLANS, INCLUDING, BUT NOT LIMITED TO MECHANICAL, ELECTRICAL AND PLUMBING FOR COMPLETE SCOPE OF WORK TO BE INCLUDED. COORDINATE SPECIFIC WORK WITH EACH SUB-CONTRACTOR
10. TEMPORARY POWER IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR FOR THE DURATION OF THE PROJECT
11. ALL MECHANICAL, ELECTRICAL AND PLUMBING DEMOLITION ITEMS SHOWN ON THE ARCHITECTURAL DEMOLITION DRAWINGS ARE TO BE DEMOLISHED BY THE MEP SUB-CONTRACTORS
12. BENCHMARK: THE BENCHMARK IS THE TOP NUT OF THE FIRE HYDRANT LOCATED ON THE NORTH SIDE OF PALACE STREET. ELEVATION = 644.30 FEET

KEYED NOTES - DEMOLITION:

D1.1 RESTROOMS / PARK SHELTER HAS BEEN DEMOLISHED AND REMOVED BY OWNER. EXISTING UTILITIES HAVE BEEN CAPPED AND MARKED ON SITE. GENERAL CONTRACTOR TO FIELD VERIFY FULL EXTENT OF OWNER'S DEMOLITION ACTIVITIES AND DETERMINE IF ADDITIONAL DEMOLITION AND / OR REMOVAL IS NECESSARY TO COMPLETE THE WORK. ALL REQUIRED ADDITIONAL DEMOLITION AND REMOVAL IS TO BE INCLUDED IN THE GENERAL CONTRACTOR'S BASE BID NUMBER

D1.2 SAW CUT EXISTING CONCRETE PAVEMENT AS NECESSARY TO PREPARE FOR ADDITIONAL PAVEMENT REMOVAL. SAW CUTS TO BE ALIGNED WITH EXISTING CONTROL JOINT LOCATIONS WHENEVER POSSIBLE

D1.3 REMOVE EXISTING CONCRETE PAVEMENT COMPLETE (SHOWN CROSS-HATCHED)

D1.4 REMOVE AND SALVAGE EXISTING CONCRETE UNIT PAVERS FOR REINSTALLATION BY GENERAL CONTRACTOR DURING NEW WORK

D1.5 EXISTING CONCRETE PAVEMENT HAS BEEN DEMOLISHED AND REMOVED BY OWNER

D1.6 EXISTING CONCRETE UNIT PAVERS HAVE BEEN SALVAGED BY OWNER AND ARE BEING STORED OFFSITE FOR REINSTALLATION DURING NEW WORK

D1.7 EXISTING BIKE RACK HAS BEEN REMOVED AND SALVAGED BY THE OWNER FOR REINSTALLATION BY THE GENERAL CONTRACTOR DURING NEW WORK

D1.8 OWNER'S DEMOLITION CONTRACTOR HAS TERMINATED THE EXISTING WATER SUPPLY FOR THE DRINKING FOUNTAIN IN THIS GENERAL LOCATION. REFER TO PLUMBING DRAWINGS

D1.9 OWNER'S DEMOLITION CONTRACTOR HAS TERMINATED THE EXISTING SANITARY LINE IN THIS GENERAL LOCATION - REFER TO PLUMBING DRAWINGS

D1.10 EXISTING UNDERGROUND CONDUITS AND SITE LIGHTING CIRCUITS ARE LOCATED AT THIS APPROXIMATE LOCATION - REFER TO ELECTRICAL DRAWINGS

D1.11 PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL STREET, CURB, GUTTER AND SIDEWALK DEMOLITION, EXCAVATION, BACKFILL AND COMPACTION AS NECESSARY TO MAKE A NEW WATER SERVICE CONNECTION TO THE EXISTING MUNICIPAL WATER MAIN PER THE CITY OF LA CROSSE REQUIREMENTS AND STANDARDS - REFER TO PLUMBING DRAWINGS

D1.12 PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL STREET, CURB, GUTTER AND SIDEWALK DEMOLITION, EXCAVATION, BACKFILL AND COMPACTION AS NECESSARY TO CAP THE EXISTING WATER SERVICE PER THE CITY OF LA CROSSE REQUIREMENTS AND STANDARDS - REFER TO PLUMBING DRAWINGS

D1.13 TEMPORARY OVERHEAD POWER SUPPLY, WOOD SERVICE POLE, METER SOCKET, ETC. TO BE REMOVED BY ELECTRICAL CONTRACTOR - REFER TO ELECTRICAL DRAWINGS

SITE PLAN SYMBOL KEY:

- = SET 3/4" DIA x 24" LONG IRON ROD
- = SET DRILL HOLE W/ CHISELED "+"
- = FOUND 1-1/4" IRON PIPE
- = UNKNOWN MANHOLE
- = ELECTRIC MANHOLE
- = FIBER OPTIC / COMM. MANHOLE
- = GAS MANHOLE
- = WATER MANHOLE
- = SANITARY SEWER MANHOLE
- = STORM SEWER MANHOLE
- = STORM DRAIN
- = TOP NUT OF HYDRANT
- = WATER GATE VALVE
- = GAS VALVE
- = GAS METER
- = SIGN
- = LIGHT POLE
- = UTILITY POLE
- = STORM WATER INLET / BASIN
- = CONIFEROUS TREE
- = DECIDUOUS TREE

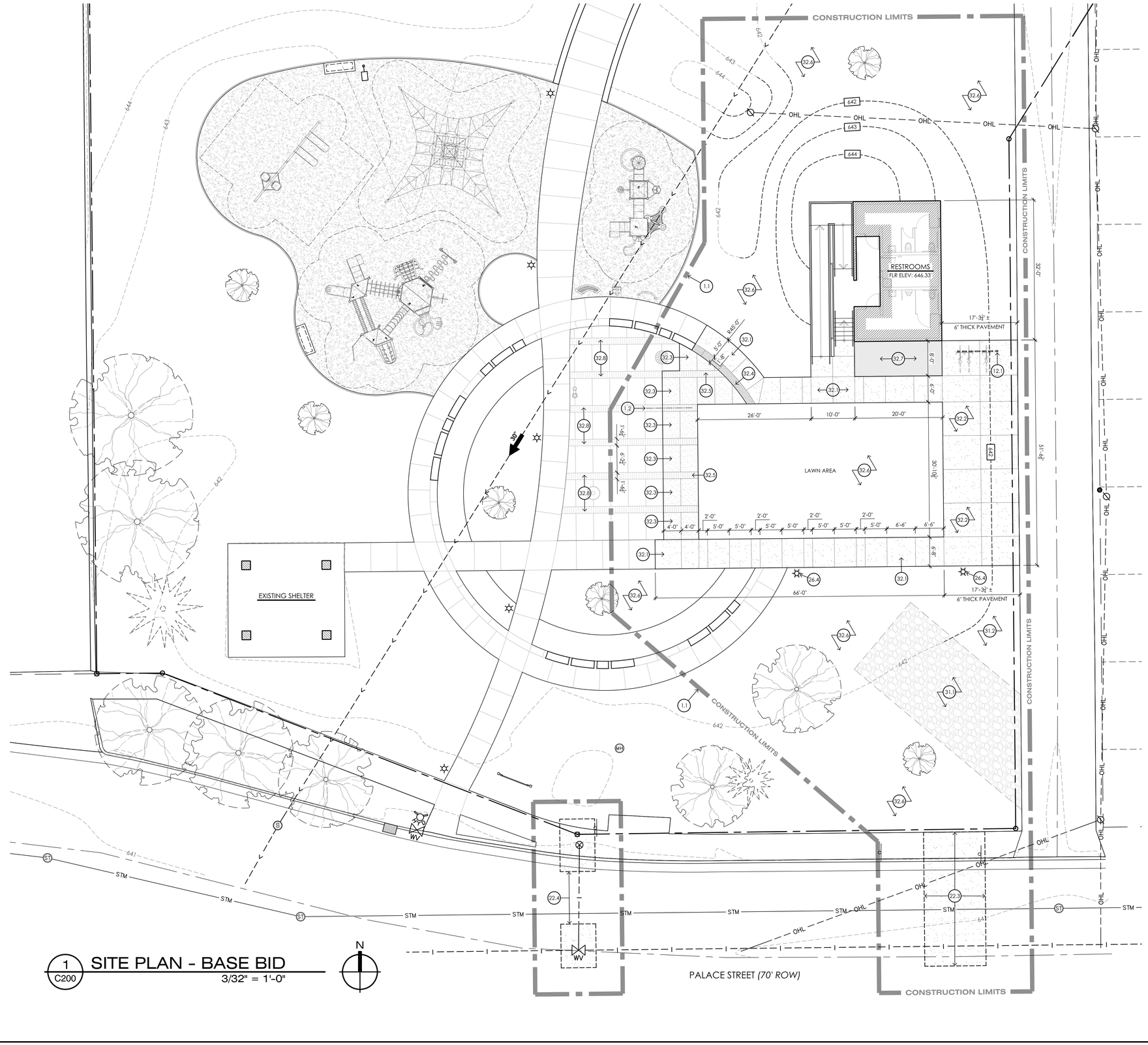
- = CENTERLINE
- = OVERHEAD UTILITY LINE
- = UNDERGROUND ELECTRIC LINE
- = UNDERGROUND FIBER OPTIC
- = UNDERGROUND GAS LINE
- = UNDERGROUND COMMUNICATION
- = SANITARY SEWER LINE
- = STORM SEWER LINE
- = WATER MAIN LINE
- = CHAIN LINK FENCE (UNLESS NOTED)
- = FENCE LINE
- = SILT FENCE
- = EXISTING SPOT ELEVATION
- = PROPOSED SPOT ELEVATION
- = EXISTING CONTOUR LINE
- = PROPOSED CONTOUR LINE
- = CONCRETE CURB + GUTTER
- = LANDSCAPING EDGE
- = EXISTING CONCRETE PAVEMENT TO REMAIN

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

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

PROJECT No 1620
DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS
DRAWING TITLE SITE DEMOLITION PLAN

SHEET No
C100



1 C200 SITE PLAN - BASE BID
3/32" = 1'-0"

GENERAL NOTES - CIVIL:

1. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT PROJECT SITE PRIOR TO SUBMITTING BID AND NOTIFY ARCHITECT OF DISCREPANCIES OR PERCEIVED DIFFICULTIES
2. PRIOR TO ANY EARTHWORK ACTIVITY, ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND APPROPRIATE PERMITS SHALL BE OBTAINED
3. THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD, ARE APPROXIMATE AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE & PRESERVE ANY & ALL UTILITIES. **CALL DIGGERS HOT LINE (800) 242-8511**
4. THE UNDERGROUND LOCATIONS OF PUBLIC UTILITIES WERE MARKED BY REPRESENTATIVES OF THOSE COMPANIES. LOCATIONS OF PRIVATELY OWNED UNDERGROUND UTILITIES WERE NOT MARKED OR RECORDED
5. THERE MAY BE MORE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THESE PLANS
6. BENCHMARK: THE BENCHMARK IS THE TOP NUT OF THE FIRE HYDRANT LOCATED ON THE NORTH SIDE OF PALACE STREET. ELEVATION = 644.30 FEET
7. CONTOURS SHOWN ARE FOR FINISHED SURFACES. ANY ADJUSTMENT TO SUBGRADE IS THE CONTRACTOR'S RESPONSIBILITY
8. ALL DISTURBED AREAS THAT ARE UNPAVED ARE TO BE LANDSCAPED OR RESTORED TO LAWN AS INDICATED ON SITE PLAN
9. SPOT ELEVATIONS SHALL TAKE PRECEDENCE OVER CONTOURS AND SLOPES SHOWN. HOWEVER, CONTRACTOR SHALL NOTIFY THE ENGINEER IF SPOT ELEVATIONS DO NOT APPEAR TO AGREE WITH THE CONTOURS AND SLOPES LABELED
10. ALL FINISHED GRADING SHALL PROVIDE FOR A SMOOTH TRANSITION TO UN-GRADED AREAS
11. SIDEWALKS TO HAVE A MINIMUM CROSS SLOPE OF 1/8" PER FOOT AND A MAXIMUM CROSS SLOPE OF 1/4" PER FOOT UNLESS NOTED OTHERWISE

STORM WATER POLLUTION PREVENTION NOTES:

1. REFER TO CITY OF LA CROSSE STANDARD EROSION CONTROL DETAILS FOR SILT FENCE AND SEDIMENT CONTROL MEASURES
2. SEDIMENT CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION
3. ALL DISTURBED AREAS SCHEDULED FOR LAWN SHALL HAVE 4" MINIMUM TOPSOIL APPLIED, AND BE SEEDED AS SPECIFIED WITHIN 7 DAYS OF FINAL SOIL DISTURBANCE
4. SEED SHALL BE PLANTED IN A MANNER THAT ALLOWS THE SEED TO BE WORKED INTO THE SOIL AND COME IN FIRM CONTACT WITH THE SOIL
5. MAINTENANCE OF ALL INSTALLED EROSION AND SEDIMENT CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND REMOVED WHEN NO LONGER NECESSARY
6. SILT FENCE SHALL BE PLACED DOWN SLOPE OF ALL SOIL STOCK PILES DURING CONSTRUCTION IF LEFT IN PLACE MORE THAN 7 DAYS. STOCK PILES SHALL BE SEEDED AND MULCHED IF LEFT FOR MORE THAN 14 DAYS
7. SEDIMENT DEPOSITED IN ROADWAYS OR RIGHT-OF-WAY DITCHES ADJACENT TO THE SITE AS A RESULT OF THIS WORK SHALL BE REMOVED. VEGETATION SHALL BE REESTABLISHED WHEN SEDIMENT REMOVAL DESTROYS THE EXISTING VEGETATION

KEYED NOTES:

- 1.1 FURNISH AND INSTALL SITE ENCLOSURE FENCE AS REQUIRED TO ENCLOSE PROJECT SITE AS DETERMINED SUFFICIENT TO ACCOMMODATE THE WORK. EXISTING PLAYGROUND AREAS AND SIDEWALKS ARE TO REMAIN OPEN TO THE GREATEST EXTENT POSSIBLE FOR THE DURATION OF WORK
- 1.2 GRID LINE IS TO BE CENTERED ON EXISTING 18" WIDE BAND OF PRECAST PAVERS - THIS SETS THE NORTH / SOUTH ALIGNMENT OF THE NEW COVERED PICNIC SHELTER ON THE SITE
- 12.1 INSTALL SALVAGED BIKE RACK (OWNER SUPPLIED) - SEE DETAIL 4/C500
- 22.3 PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL STREET PAVEMENT, CURB, GUTTER AND SIDEWALK REPLACEMENT AS NECESSARY AFTER MAKING NEW WATER SERVICE CONNECTION TO THE EXISTING MUNICIPAL WATER MAIN PER THE CITY OF LA CROSSE REQUIREMENTS AND STANDARDS - REFER TO PLUMBING DRAWINGS
- 22.4 PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL STREET PAVEMENT, CURB, GUTTER AND SIDEWALK REPLACEMENT AS NECESSARY AFTER CAPPING THE EXISTING WATER SERVICE PER THE CITY OF LA CROSSE REQUIREMENTS & STANDARDS - REFER TO PLUMBING DRWGS
- 26.4 NEW BOLLARD LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
- 31.1 PROVIDE VEHICLE TRACKING CONTROL APRON AT LOCATION WHERE ENTERING AND EXITING THE SITE - SEE DETAIL 6/C.500
- 31.2 PROVIDE CONCRETE WASHOUT FACILITY IN THIS GENERAL AREA
- 32.1 4" THICK CONCRETE SIDEWALK - SEE DETAIL 1/C.500. THICKEN SIDEWALKS TO 6" MINIMUM DEPTH AT ALL RAILING MOUNTING POINTS (REFER TO 1/A100 FOR SHELTER FLOOR PLAN)
- 32.2 6" THICK CONCRETE PAVEMENT - SEE DETAIL 2/C500
- 32.3 5" THICK CONCRETE PAVEMENT (CUSTOM INTEGRAL COLOR 'A' TO MATCH EXISTING CONCRETE PAVEMENT)
- 32.4 12" THICK x 1'-8" WIDE CONCRETE GRADE BEAM (CUSTOM INTEGRAL COLOR 'B' TO MATCH EXISTING GRADE BEAMS) - DOWEL INTO EXISTING GRADE BEAM UNDER BENCHES
- 32.5 INSTALL SALVAGED CONCRETE UNIT PAVERS (OWNER SUPPLIED) TO MATCH EXISTING CONDITIONS, TYPICAL AT 5 ROWS - SEE DETAIL 3/C500 FOR SLAB DEPRESSIONS
- 32.6 ALL DISTURBED LAWN AREAS SHALL BE HYDRO SEEDED OR RECEIVE STRAW MULCH BLANKETS AFTER SEEDING TO REESTABLISH LAWN
- 32.7 PLANTING BED - PROVIDE 12" MINIMUM PLANTING SOIL AND GALVANIZED STEEL PLATE LANDSCAPE EDGING - SEE DETAIL 7/C500
- 32.8 REMOVE SAND BETWEEN EXISTING PAVERS TO EXTENT POSSIBLE. CLEAN / POWER WASH EXISTING & SALVAGED PAVERS, AND INSTALL NEW POLYMERIC SAND IN ALL JOINTS

SITE PLAN SYMBOL KEY:

- = SET 3/4" DIA x 24" LONG IRON ROD
- = SET DRILL HOLE W/ CHISELED "+"
- = FOUND 1-1/4" IRON PIPE
- = UNKNOWN MANHOLE
- E = ELECTRIC MANHOLE
- T = FIBER OPTIC / COMM. MANHOLE
- G = GAS MANHOLE
- W = WATER MANHOLE
- S = SANITARY SEWER MANHOLE
- ST = STORM SEWER MANHOLE
- D = STORM DRAIN
- = TOP NUT OF HYDRANT
- = WATER GATE VALVE
- GV = GAS VALVE
- GM = GAS METER
- = SIGN
- = LIGHT POLE
- = UTILITY POLE
- = STORM WATER INLET / BASIN
- = CONIFEROUS TREE
- = DECIDUOUS TREE

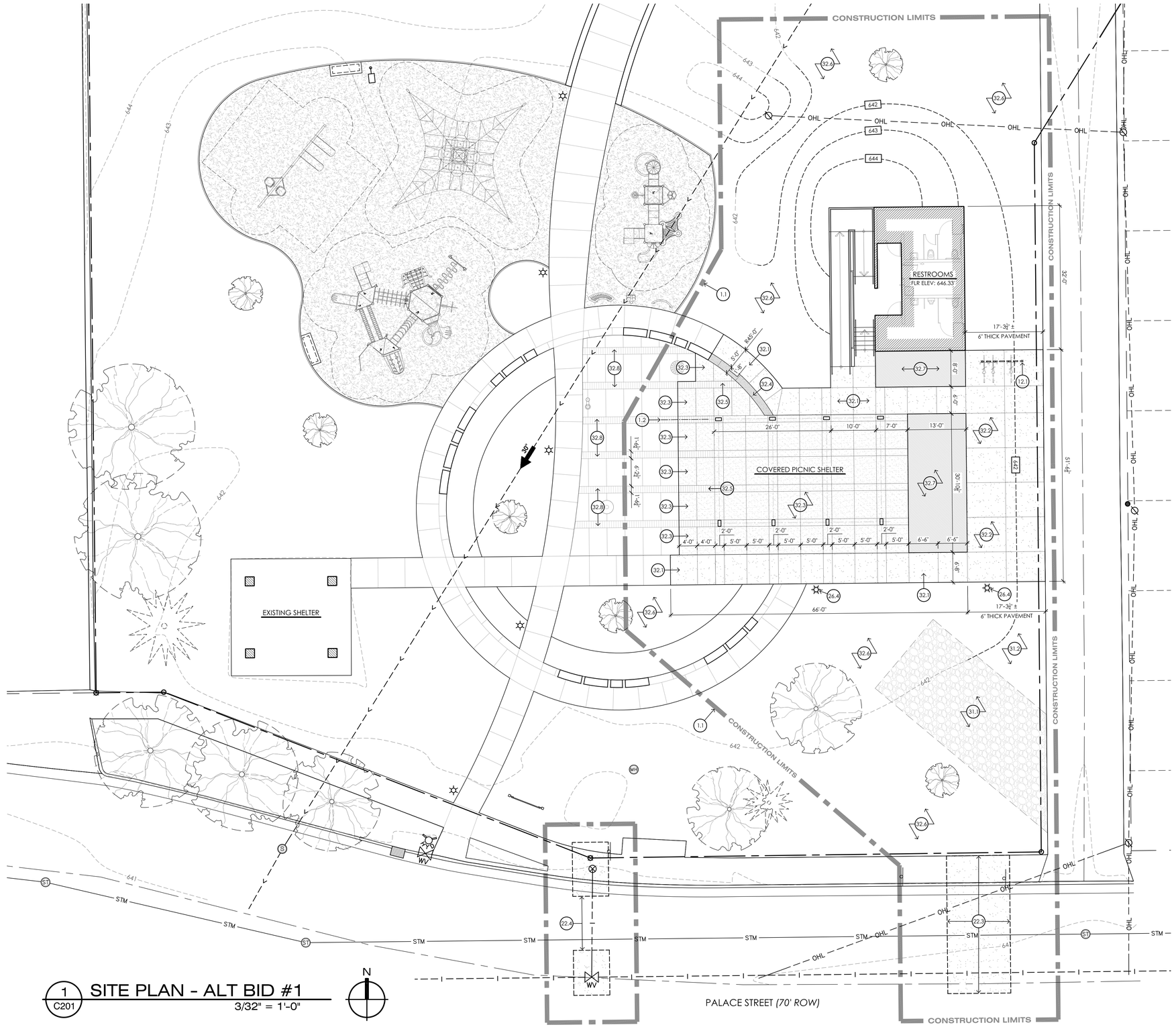
- = CENTERLINE
- OHL = OVERHEAD UTILITY LINE
- UE = UNDERGROUND ELECTRIC LINE
- FO = UNDERGROUND FIBER OPTIC
- UGG = UNDERGROUND GAS LINE
- UGT = UNDERGROUND COMMUNICATION
- = SANITARY SEWER LINE
- STM = STORM SEWER LINE
- = WATER MAIN LINE
- = CHAIN LINK FENCE (UNLESS NOTED)
- = FENCE LINE
- = SILT FENCE
- 100.00 = EXISTING SPOT ELEVATION
- 100.00 = PROPOSED SPOT ELEVATION
- 642 = EXISTING CONTOUR LINE
- 670 = PROPOSED CONTOUR LINE
- = CONCRETE CURB + GUTTER
- = LANDSCAPING EDGE
- = EXISTING CONCRETE PAVEMENT TO REMAIN

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

PROJECT: BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

PROJECT No 1620
DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS
DRAWING TITLE SITE PLAN - BASE BID

SHEET No C200



1 C201 SITE PLAN - ALT BID #1

3/32" = 1'-0"

GENERAL NOTES - CIVIL:

1. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT PROJECT SITE PRIOR TO SUBMITTING BID AND NOTIFY ARCHITECT OF DISCREPANCIES OR PERCEIVED DIFFICULTIES
2. PRIOR TO ANY EARTHWORK ACTIVITY, ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND APPROPRIATE PERMITS SHALL BE OBTAINED
3. THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD, ARE APPROXIMATE AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE & PRESERVE ANY & ALL UTILITIES. **CALL DIGGERS HOT LINE (800) 242-8511**
4. THE UNDERGROUND LOCATIONS OF PUBLIC UTILITIES WERE MARKED BY REPRESENTATIVES OF THOSE COMPANIES. LOCATIONS OF PRIVATELY OWNED UNDERGROUND UTILITIES WERE NOT MARKED OR RECORDED
5. THERE MAY BE MORE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THESE PLANS
6. BENCHMARK: THE BENCHMARK IS THE TOP NUT OF THE FIRE HYDRANT LOCATED ON THE NORTH SIDE OF PALACE STREET. ELEVATION = 644.30 FEET
7. CONTOURS SHOWN ARE FOR FINISHED SURFACES. ANY ADJUSTMENT TO SUBGRADE IS THE CONTRACTOR'S RESPONSIBILITY
8. ALL DISTURBED AREAS THAT ARE UNPAVED ARE TO BE LANDSCAPED OR RESTORED TO LAWN AS INDICATED ON SITE PLAN
9. SPOT ELEVATIONS SHALL TAKE PRECEDENCE OVER CONTOURS AND SLOPES SHOWN. HOWEVER, CONTRACTOR SHALL NOTIFY THE ENGINEER IF SPOT ELEVATIONS DO NOT APPEAR TO AGREE WITH THE CONTOURS AND SLOPES LABELED
10. ALL FINISHED GRADING SHALL PROVIDE FOR A SMOOTH TRANSITION TO UN-GRADED AREAS
11. SIDEWALKS TO HAVE A MINIMUM CROSS SLOPE OF 1/8" PER FOOT AND A MAXIMUM CROSS SLOPE OF 1/4" PER FOOT UNLESS NOTED OTHERWISE

STORM WATER POLLUTION PREVENTION NOTES:

1. REFER TO CITY OF LA CROSSE STANDARD EROSION CONTROL DETAILS FOR SILT FENCE AND SEDIMENT CONTROL MEASURES
2. SEDIMENT CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION
3. ALL DISTURBED AREAS SCHEDULED FOR LAWN SHALL HAVE 4" MINIMUM TOPSOIL APPLIED, AND BE SEEDED AS SPECIFIED WITHIN 7 DAYS OF FINAL SOIL DISTURBANCE
4. SEED SHALL BE PLANTED IN A MANNER THAT ALLOWS THE SEED TO BE WORKED INTO THE SOIL AND COME IN FIRM CONTACT WITH THE SOIL
5. MAINTENANCE OF ALL INSTALLED EROSION AND SEDIMENT CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND REMOVED WHEN NO LONGER NECESSARY
6. SILT FENCE SHALL BE PLACED DOWN SLOPE OF ALL SOIL STOCK PILES DURING CONSTRUCTION IF LEFT IN PLACE MORE THAN 7 DAYS. STOCK PILES SHALL BE SEEDED AND MULCHED IF LEFT FOR MORE THAN 14 DAYS
7. SEDIMENT DEPOSITED IN ROADWAYS OR RIGHT-OF-WAY DITCHES ADJACENT TO THE SITE AS A RESULT OF THIS WORK SHALL BE REMOVED. VEGETATION SHALL BE REESTABLISHED WHEN SEDIMENT REMOVAL DESTROYS THE EXISTING VEGETATION

KEYED NOTES:

1.1 FURNISH AND INSTALL SITE ENCLOSURE FENCE AS REQUIRED TO ENCLOSE PROJECT SITE AS DETERMINED SUFFICIENT TO ACCOMMODATE THE WORK. EXISTING PLAYGROUND AREAS AND SIDEWALKS ARE TO REMAIN OPEN TO THE GREATEST EXTENT POSSIBLE FOR THE DURATION OF WORK

1.2 GRID LINE IS TO BE CENTERED ON EXISTING 18" WIDE BAND OF PRECAST PAVERS - THIS SETS THE NORTH / SOUTH ALIGNMENT OF THE NEW COVERED PICNIC SHELTER ON THE SITE

12.1 INSTALL SALVAGED BIKE RACK (OWNER SUPPLIED) - SEE DETAIL 4/C500

22.3 PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL STREET PAVEMENT, CURB, GUTTER AND SIDEWALK REPLACEMENT AS NECESSARY AFTER MAKING NEW WATER SERVICE CONNECTION TO THE EXISTING MUNICIPAL WATER MAIN PER THE CITY OF LA CROSSE REQUIREMENTS AND STANDARDS - REFER TO PLUMBING DRAWINGS

22.4 PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL STREET PAVEMENT, CURB, GUTTER AND SIDEWALK REPLACEMENT AS NECESSARY AFTER CAPPING THE EXISTING WATER SERVICE PER THE CITY OF LA CROSSE REQUIREMENTS & STANDARDS - REFER TO PLUMBING DRWGS

26.4 NEW BOLLARD LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS

31.1 PROVIDE VEHICLE TRACKING CONTROL APRON AT LOCATION WHERE ENTERING AND EXITING THE SITE - SEE DETAIL 6/C500

31.2 PROVIDE CONCRETE WASHOUT FACILITY IN THIS GENERAL AREA

32.1 4" THICK CONCRETE SIDEWALK - SEE DETAIL 1/C500. THICKEN SIDEWALKS TO 6" MINIMUM DEPTH AT ALL RAILING MOUNTING POINTS (REFER TO 1/A100 FOR SHELTER FLOOR PLAN)

32.2 6" THICK CONCRETE PAVEMENT - SEE DETAIL 2/C500

32.3 5" THICK CONCRETE PAVEMENT (CUSTOM INTEGRAL COLOR 'A' TO MATCH EXISTING CONCRETE PAVEMENT)

32.4 12" THICK x 1'-8" WIDE CONCRETE GRADE BEAM (CUSTOM INTEGRAL COLOR 'B' TO MATCH EXISTING GRADE BEAMS) - DOWEL INTO EXISTING GRADE BEAM UNDER BENCHES

32.5 INSTALL SALVAGED CONCRETE UNIT PAVERS (OWNER SUPPLIED) TO MATCH EXISTING CONDITIONS, TYPICAL AT 5 ROWS - SEE DETAIL 3/C500 FOR SLAB DEPRESSIONS

32.6 ALL DISTURBED LAWN AREAS SHALL BE HYDRO SEEDED OR RECEIVE STRAW MULCH BLANKETS AFTER SEEDING TO REESTABLISH LAWN

32.7 PLANTING BED - PROVIDE 12" MINIMUM PLANTING SOIL AND GALVANIZED STEEL PLATE LANDSCAPE EDGING - SEE DETAIL 7/C500

32.8 REMOVE SAND BETWEEN EXISTING PAVERS TO EXTENT POSSIBLE. CLEAN / POWER WASH EXISTING & SALVAGED PAVERS, AND INSTALL NEW POLYMERIC SAND IN ALL JOINTS

SITE PLAN SYMBOL KEY:

- = SET 3/4" DIA x 24" LONG IRON ROD
- = SET DRILL HOLE W/ CHISELED "+"
- = FOUND 1-1/4" IRON PIPE
- = UNKNOWN MANHOLE
- E = ELECTRIC MANHOLE
- T = FIBER OPTIC / COMM. MANHOLE
- G = GAS MANHOLE
- W = WATER MANHOLE
- S = SANITARY SEWER MANHOLE
- ST = STORM SEWER MANHOLE
- D = STORM DRAIN
- = TOP NUT OF HYDRANT
- = WATER GATE VALVE
- GV = GAS VALVE
- GM = GAS METER
- = SIGN
- = LIGHT POLE
- = UTILITY POLE
- = STORM WATER INLET / BASIN
- = CONIFEROUS TREE
- = DECIDUOUS TREE

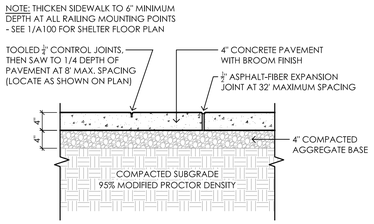
- = CENTERLINE
- OHL = OVERHEAD UTILITY LINE
- UE = UNDERGROUND ELECTRIC LINE
- FO = UNDERGROUND FIBER OPTIC
- UGG = UNDERGROUND GAS LINE
- UGT = UNDERGROUND COMMUNICATION
- = SANITARY SEWER LINE
- STM = STORM SEWER LINE
- = WATER MAIN LINE
- = CHAIN LINK FENCE (UNLESS NOTED)
- = FENCE LINE
- = SILT FENCE
- 100.00 = EXISTING SPOT ELEVATION
- 100.00 = PROPOSED SPOT ELEVATION
- 642 = EXISTING CONTOUR LINE
- 670 = PROPOSED CONTOUR LINE
- = CONCRETE CURB + GUTTER
- = LANDSCAPING EDGE
- = EXISTING CONCRETE PAVEMENT TO REMAIN

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

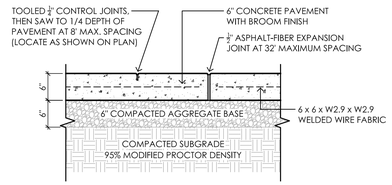
PROJECT: BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

PROJECT No 1620
DATE 07/25/25
DRAWING TITLE SITE PLAN - ALTERNATE BID #1
DRAWN BY CLR
CHECKED BY MWS

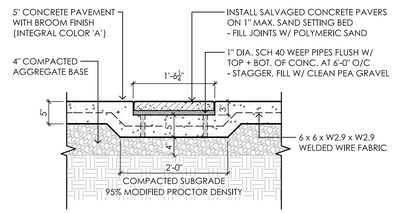
SHEET No C201



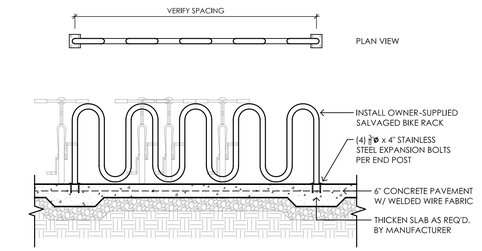
1 C500 CONCRETE SIDEWALK
3/4" = 1'-0"



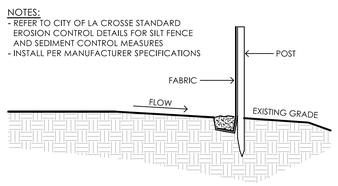
2 C500 CONCRETE PAVEMENT
3/4" = 1'-0"



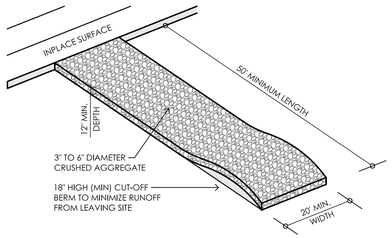
3 C500 UNIT PAVER DETAIL
3/4" = 1'-0"



4 C500 BIKE RACK MOUNTING DETAIL
3/8" = 1'-0"

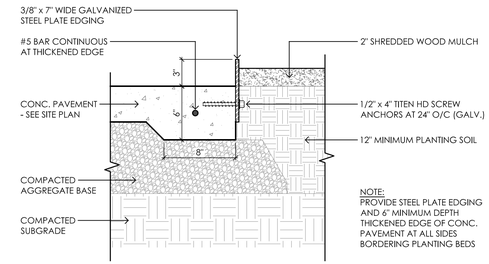


5 C500 TYPICAL SILT FENCE INSTALLATION DETAIL
NO SCALE



NOTES:
- PLACE PERMEABLE GEOTEXTILE FABRIC (WisDOT STANDARD SPEC 645 TYPE SAS) BENEATH ROCK TO PREVENT MUD MIGRATION THROUGH ROCK.
- ENTRANCE MUST BE MAINTAINED REGULARLY TO PREVENT SEDIMENTATION ON PUBLIC ROADWAYS. FUGITIVE ROCK WILL BE REMOVED FROM ADJACENT ROADWAYS DAILY OR MORE FREQUENTLY AS NECESSARY.

6 C500 TRACKING CONTROL
NO SCALE



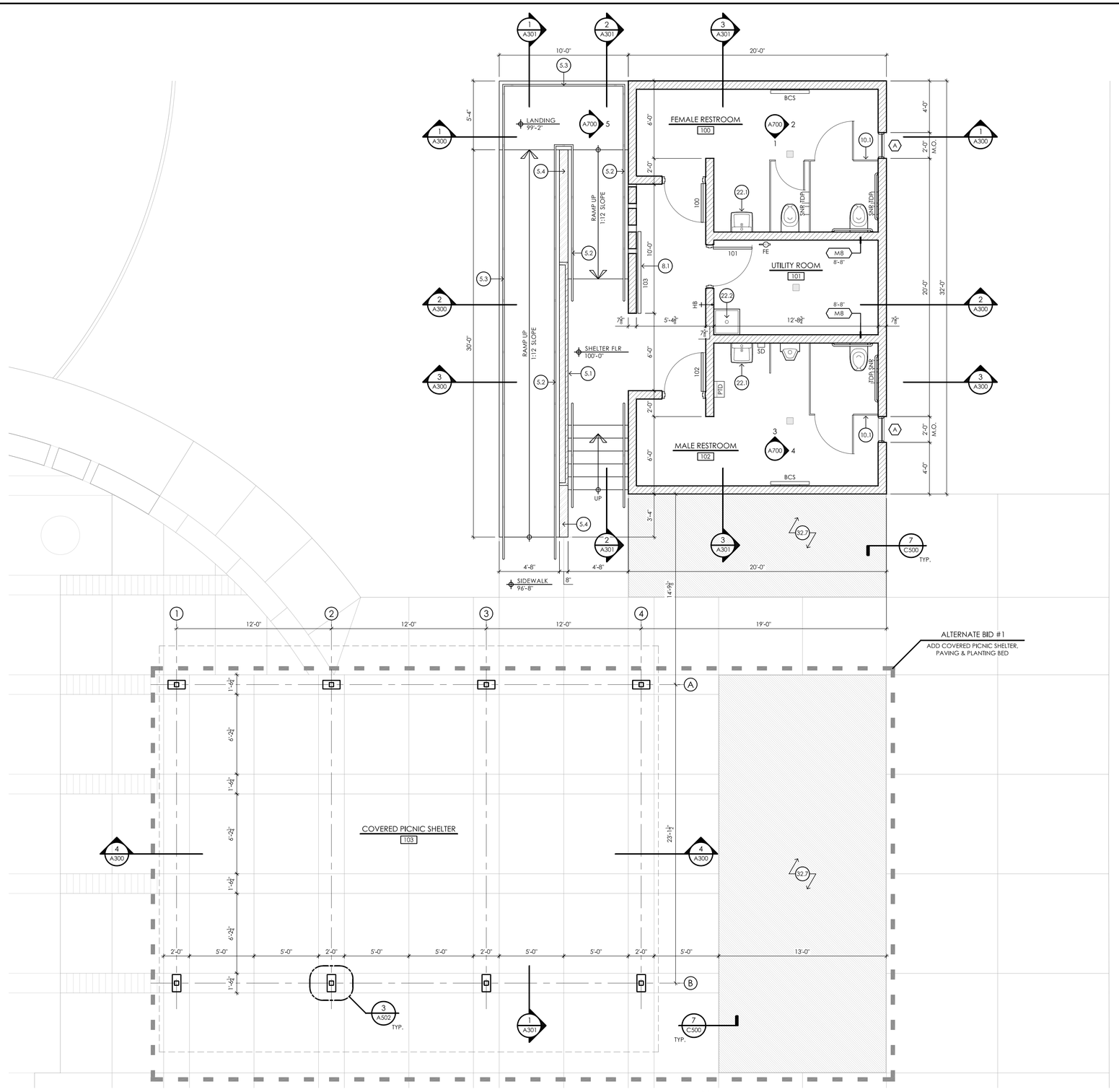
7 C500 TYPICAL PLANTING BED STEEL PLATE EDGING DETAIL
1 1/2" = 1'-0"

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

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS
PROJECT No 1620
DRAWING TITLE CIVIL DETAILS

SHEET No
C500



1 A100 RESTROOMS & SHELTER FLOOR PLAN

1/4" = 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. 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:

5.1 STEEL PLATE GUARDRAIL (GALVANIZED, PAINTED FINISH)
5.2 STEEL PIPE HANDRAIL & POSTS (GALVANIZED FINISH) - SEE 6/A302
5.3 STEEL PIPE TRIPLE RAIL & POSTS - (GALVANIZED FINISH) - SEE 7/A302
5.4 STEEL PLATE WALL CAP ON TOP & ENDS OF CONCRETE WALL (GALVANIZED, PAINTED FINISH) - PIN & EPOXY TO CONCRETE
8.1 SECURITY DOOR W/ BOX TRACK SLIDING DOOR HARDWARE
10.1 SOLID HDPE TOILET COMPARTMENTS - FLOOR MOUNTED, OVERHEAD BRACED
22.1 WALL-HUNG SINK - REFER TO PLUMBING
22.2 MOP SINK W/ 12" HIGH S.S. WALL GUARDS - REFER TO PLUMBING
32.7 PLANTING BED - PROVIDE 12" MINIMUM PLANTING SOIL AND GALVANIZED STEEL PLATE LANDSCAPE EDGING (TYPICAL)

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

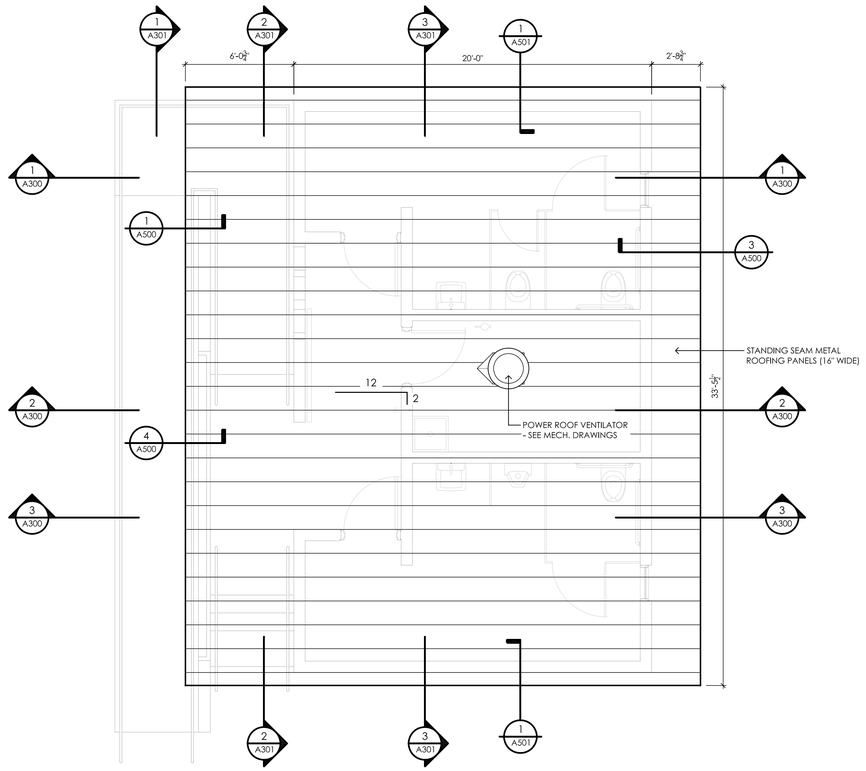
CONTRACTOR SUPPLIED / CONTRACTOR INSTALLED:
- GRAB BARS
- MIRRORS
- BABY CHANGING STATIONS
- SANITARY NAPKIN RECEPTACLE UNITS

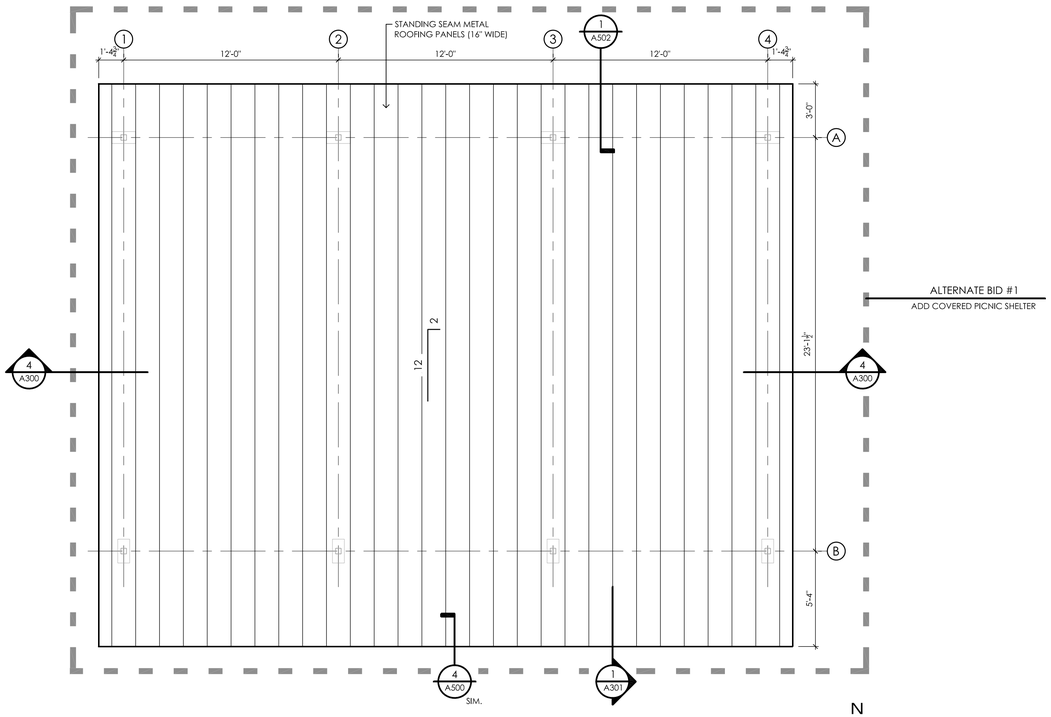
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS
PROJECT No 1620
DRAWING TITLE RESTROOM & SHELTER FLOOR PLAN

SHEET No
A100





1 A101 RESTROOMS & SHELTER ROOF PLAN

1/4" = 1'-0"

GENERAL NOTES - ROOF PLAN:

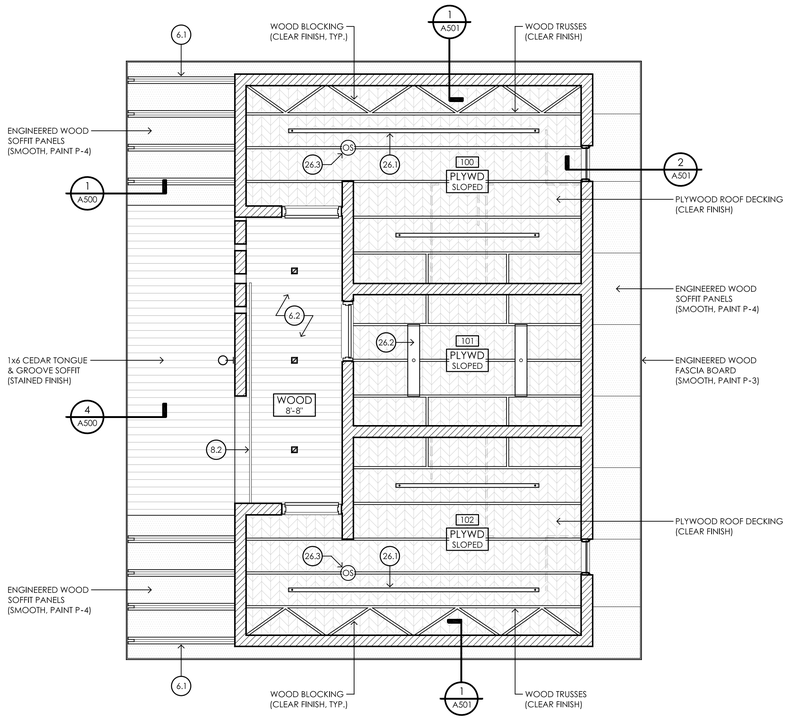
1. DIMENSIONS ON ROOF PLAN ARE TAKEN FROM FINISHED OUTSIDE FACE OF FASCIA BOARDS
2. PROVIDE SLOPED CRICKET ON HIGH SIDE OF ROOF-MOUNTED EQUIPMENT CURBS
3. PROVIDE PIPE AND VENT FLASHING AROUND ROOF PENETRATIONS

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

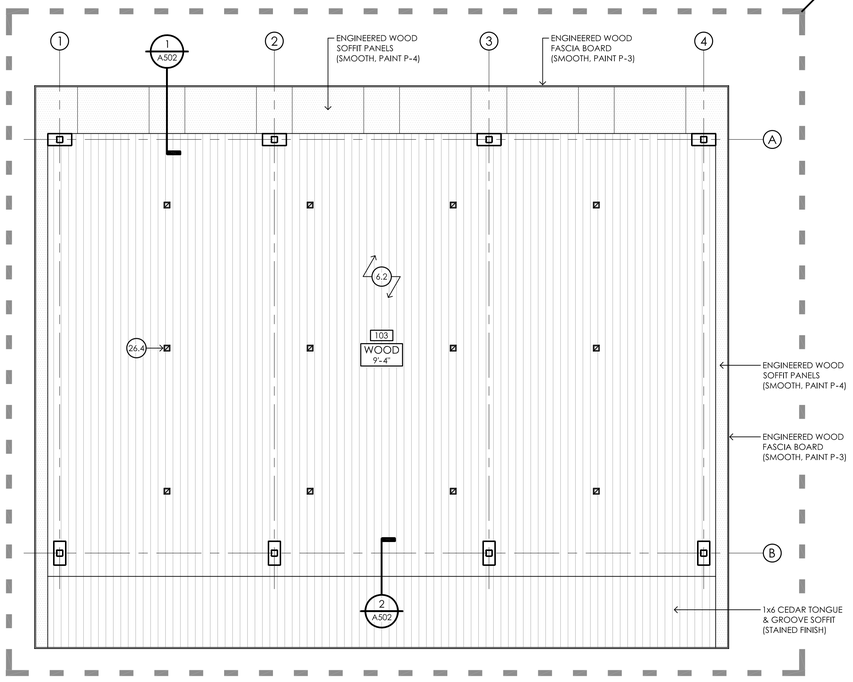
PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS
PROJECT No 1620
DRAWING TITLE RESTROOM & SHELTER ROOF PLAN

SHEET No
A101



ALTERNATE BID #1
ADD COVERED PICNIC SHELTER



1 A110 REFLECTED CEILING PLAN
1/4" = 1'-0"

N

GENERAL NOTES - CEILING PLANS:

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 (2) 2x6 CEDAR FASTENED TO EACH SIDE OF TRUSS AT BOTTOM CHORD (STAINED FINISH) - 2" REVEAL ON BOTTOM

6.2 1x6 CEDAR TONGUE & GROOVE SOFFIT (STAINED FINISH)
- SMOOTH, FLUSH JOINT OR NICKEL GAP PROFILE
- ALIGN JOINTS IN SOFFIT WITH ADJACENT CEDAR SOFFIT

8.2 RECESSED SLIDING DOOR TRACK

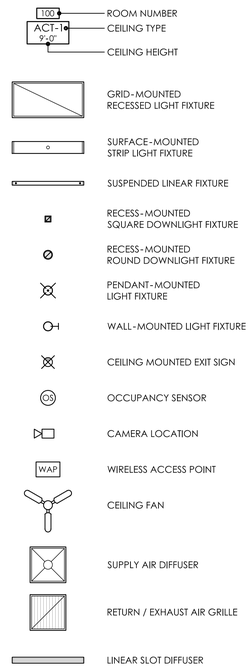
26.1 SUSPENDED LINEAR LIGHT FIXTURE, TYPICAL - REFER TO ELECTRICAL DRAWINGS

26.2 SURFACE-MOUNTED STRIP LIGHT FIXTURE, TYPICAL - REFER TO ELECTRICAL DRAWINGS

26.3 OCCUPANCY SENSOR, TYPICAL - REFER TO ELECTRICAL

26.4 RECESS-MOUNTED DOWNLIGHT FIXTURE

CEILING PLAN SYMBOL KEY:



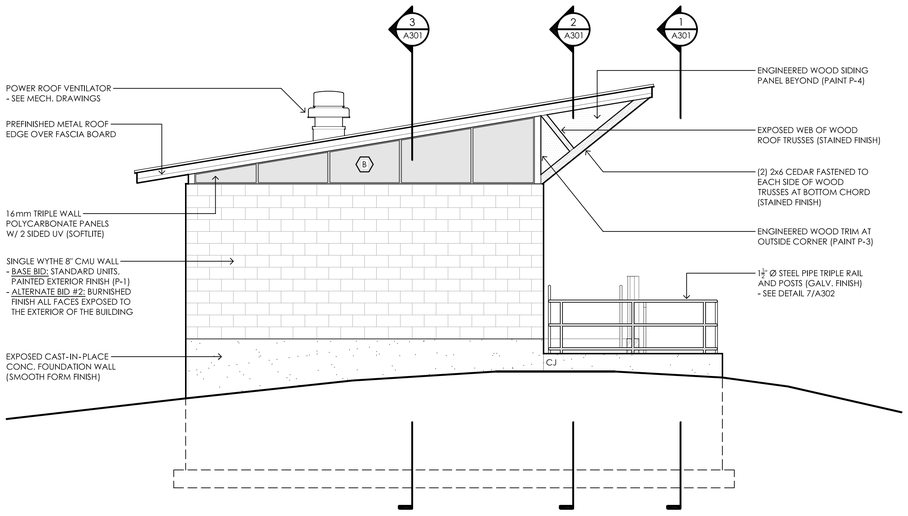
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

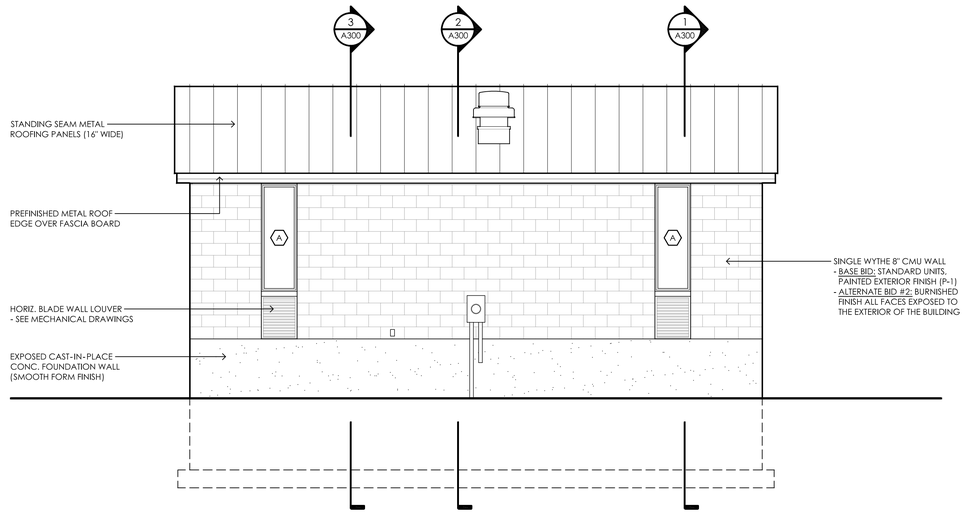
DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS

PROJECT No 1620
DRAWING TITLE REFLECTED CEILING PLAN

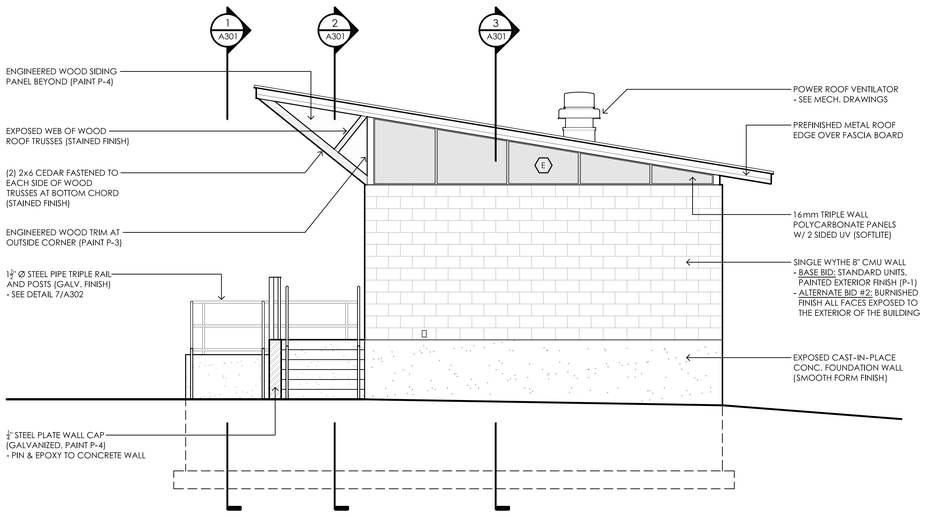
SHEET No
A110



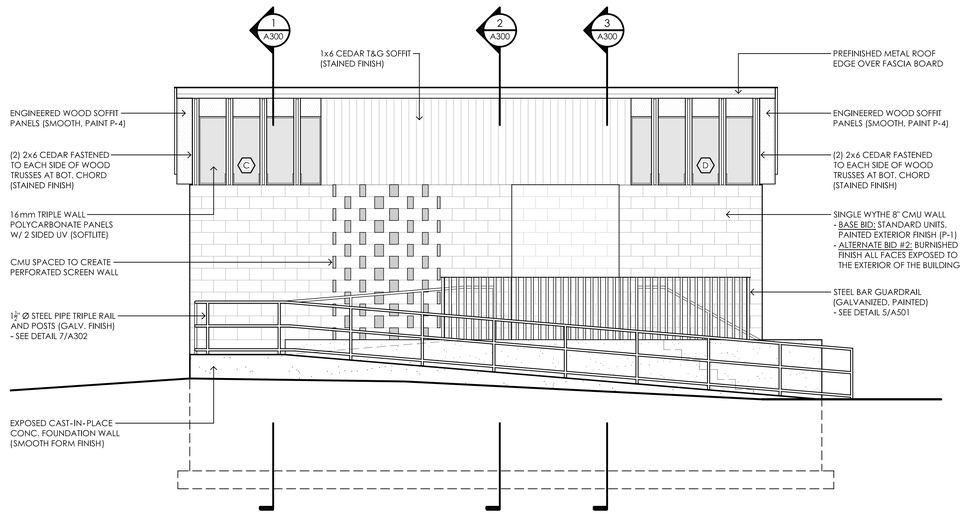
1 A200 NORTH ELEVATION - RESTROOMS
1/4" = 1'-0"



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



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



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

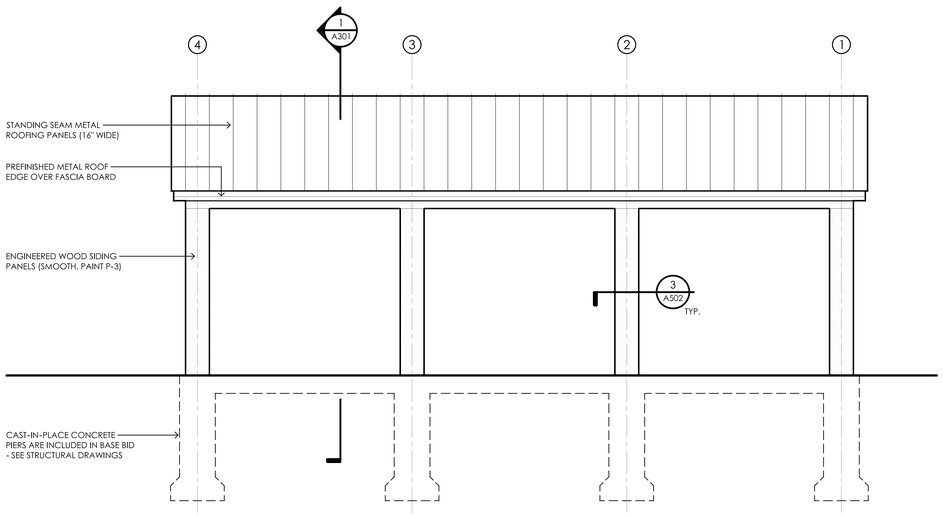
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

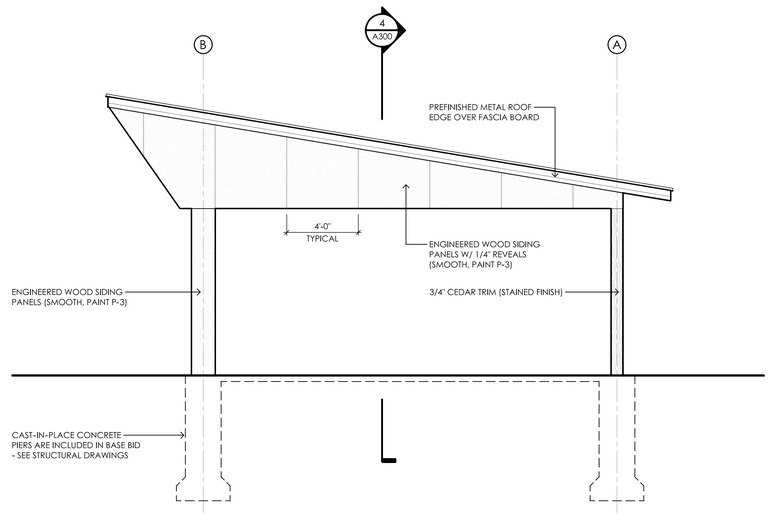
DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS

PROJECT No 1620
DRAWING TITLE EXTERIOR ELEVATIONS - RESTROOMS

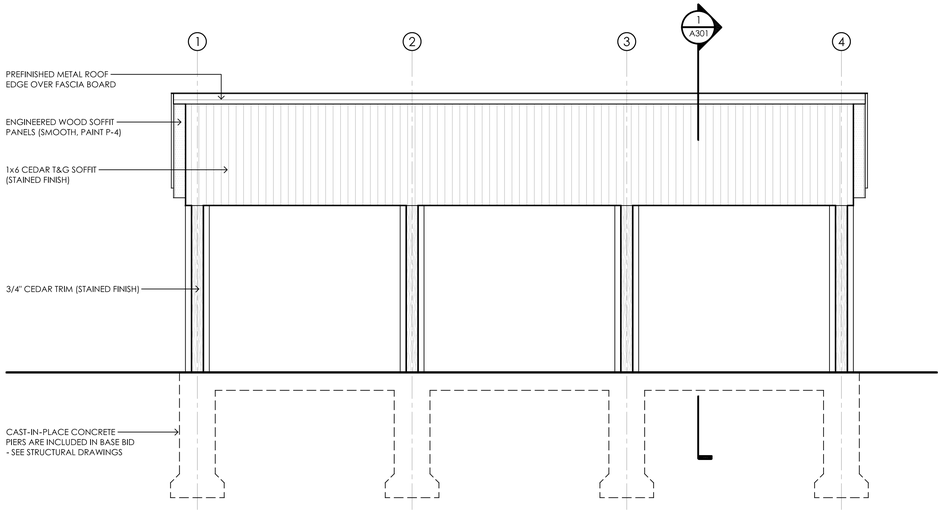
SHEET No
A200



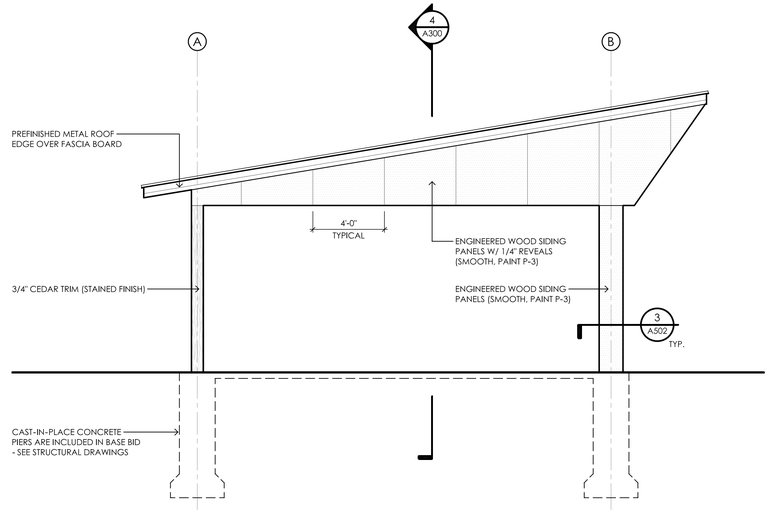
1 A201 NORTH ELEVATION - COVERED PICNIC SHELTER
ALTERNATE BID #1 1/4" = 1'-0"



2 A201 EAST ELEVATION - COVERED PICNIC SHELTER
ALTERNATE BID #1 1/4" = 1'-0"



3 A201 SOUTH ELEVATION - COVERED PICNIC SHELTER
ALTERNATE BID #1 1/4" = 1'-0"



4 A201 WEST ELEVATION - COVERED PICNIC SHELTER
ALTERNATE BID #1 1/4" = 1'-0"

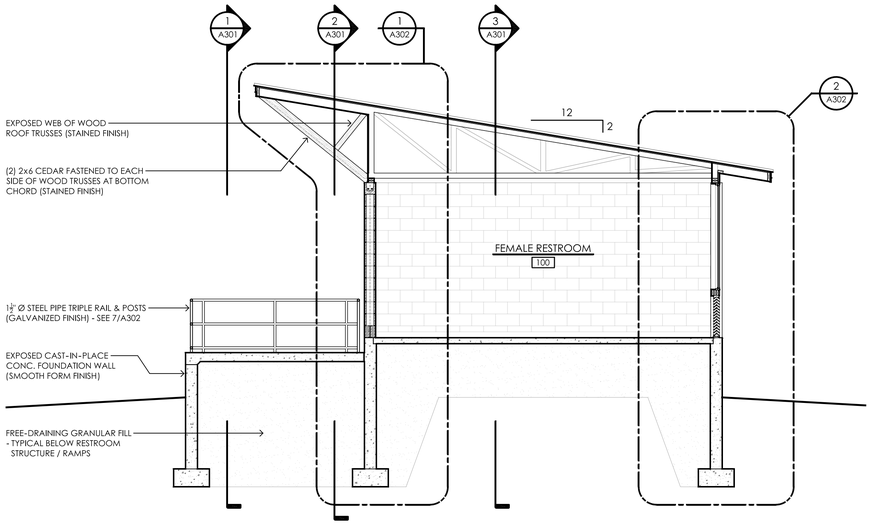
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

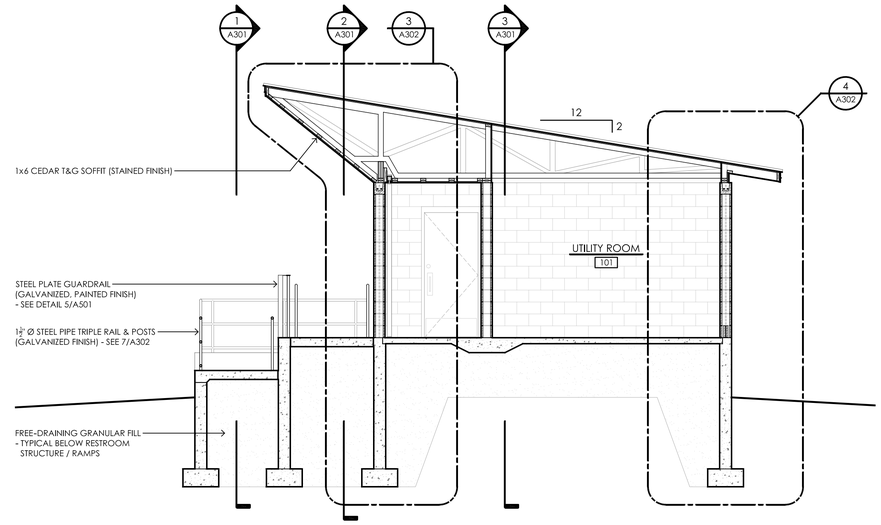
DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS

PROJECT No 1620
DRAWING TITLE EXTERIOR ELEVATIONS - ALTERNATE BID #1

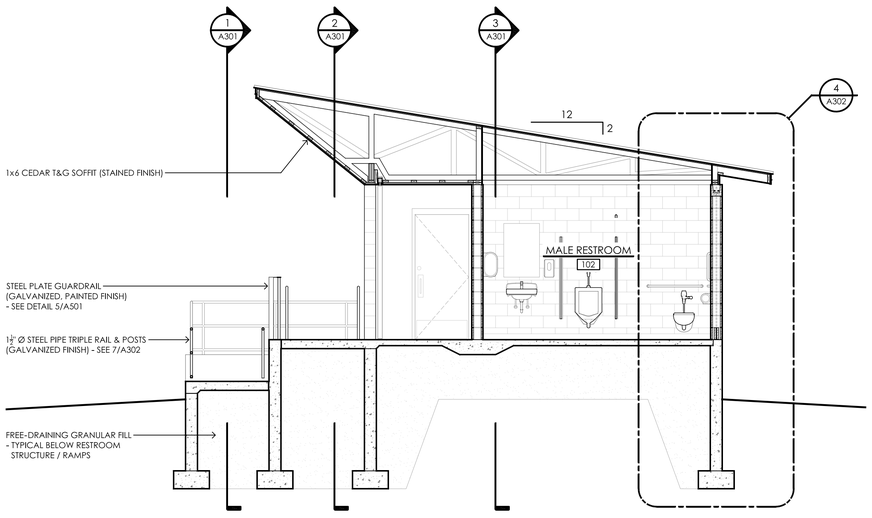
SHEET No
A201



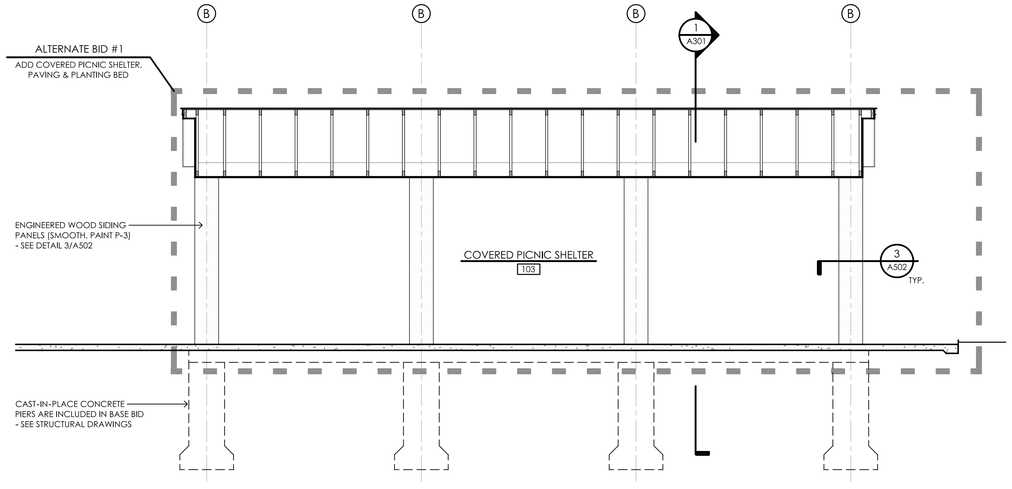
1 A300 **RESTROOM BUILDING SECTION**
1/4" = 1'-0"



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



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



4 A300 **COVERED PICNIC SHELTER SECTION**
1/4" = 1'-0"

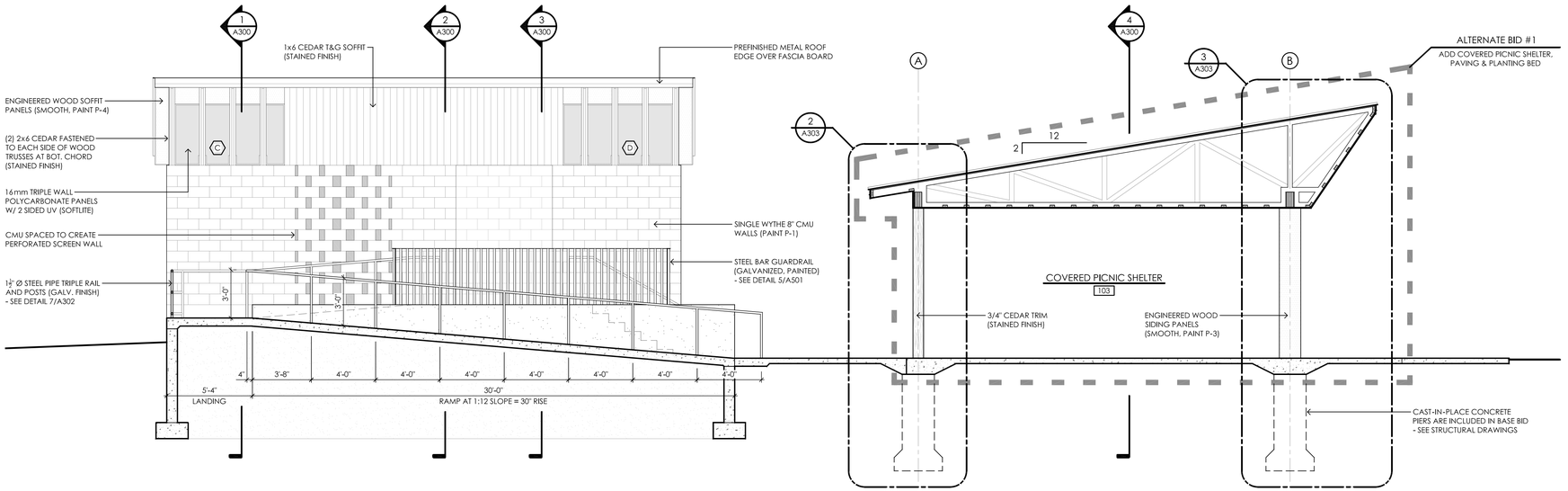
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

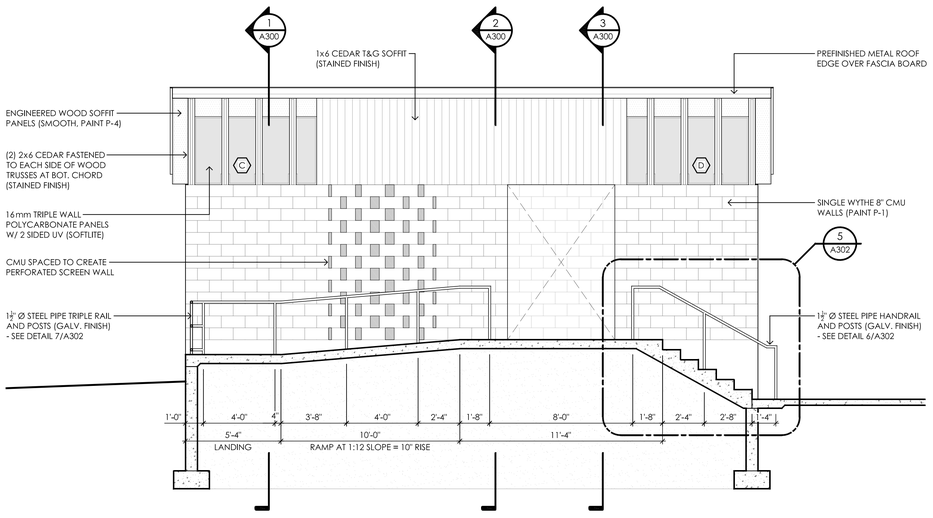
DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS

PROJECT No 1620
DRAWING TITLE BUILDING SECTIONS

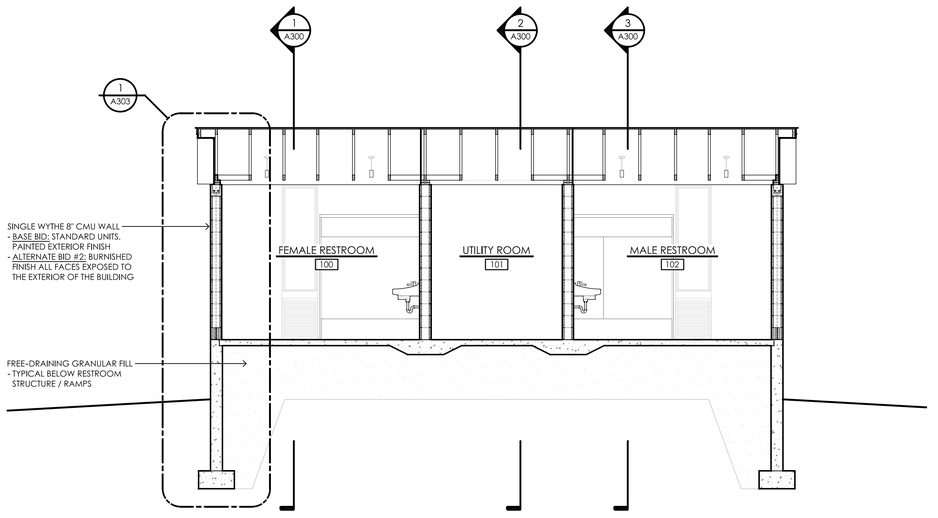
SHEET No
A300



1 A301 **RAMP & COVERED PICNIC SHELTER SECTION**
1/4" = 1'-0"



2 A301 **RAMP & STAIR SECTION**
1/4" = 1'-0"



3 A301 **RESTROOM BUILDING SECTION**
1/4" = 1'-0"

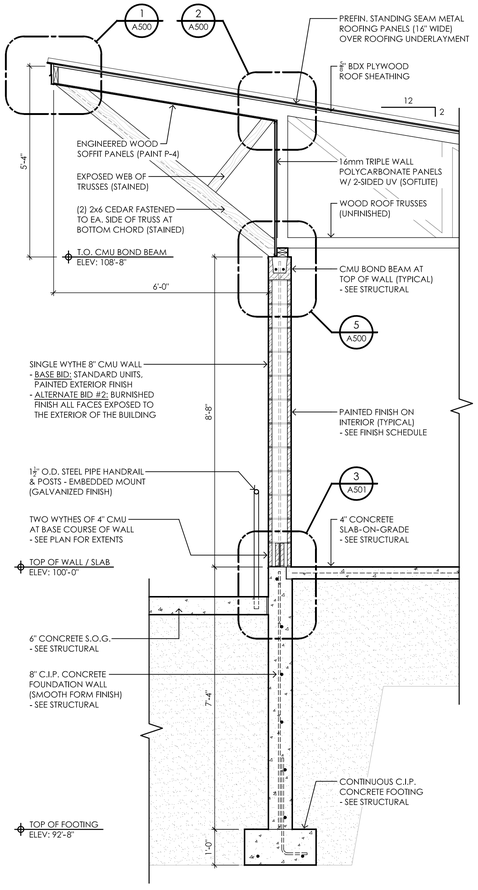
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

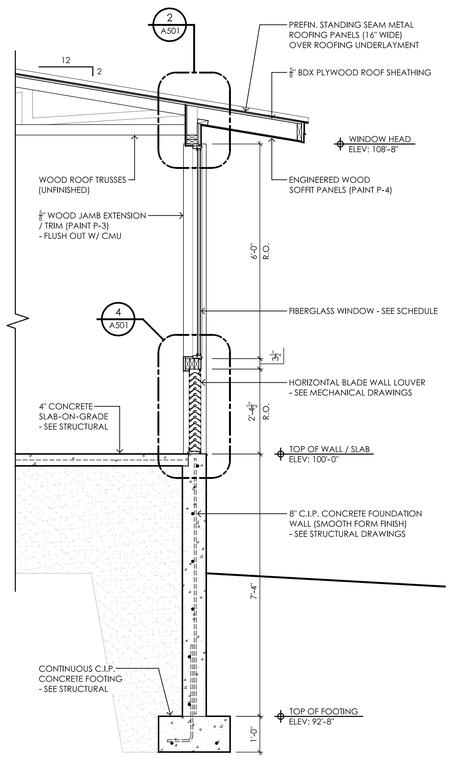
DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS

PROJECT No 1620
DRAWING TITLE BUILDING SECTIONS, RAMP SECTIONS

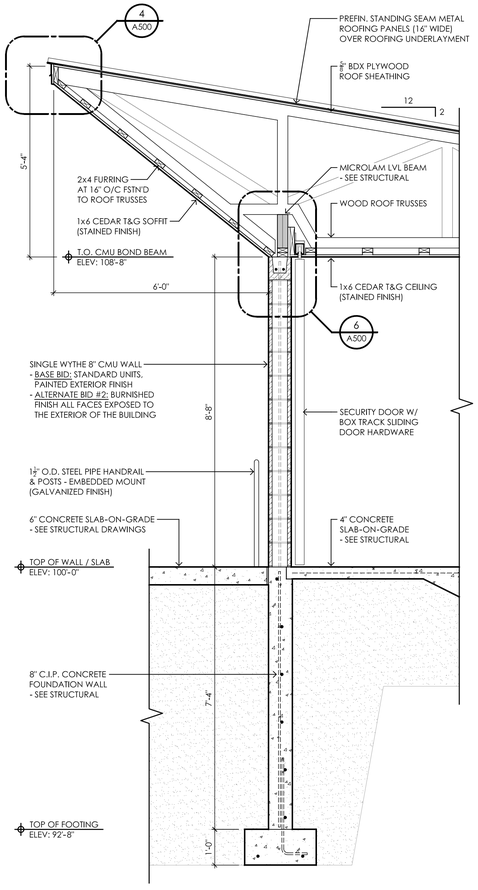
SHEET No
A301



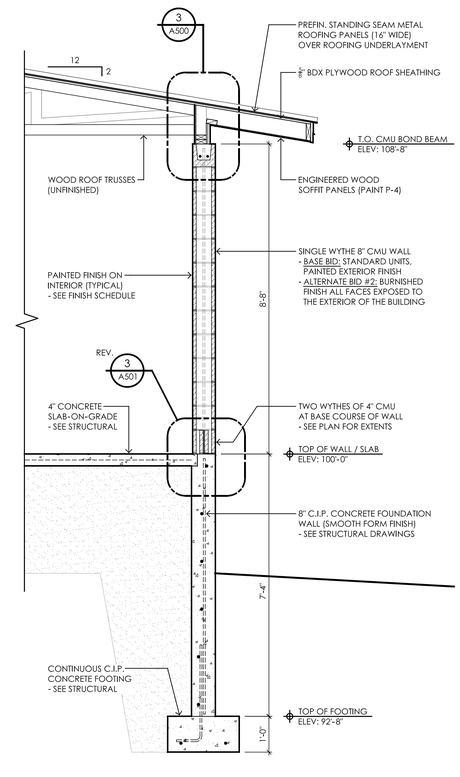
1 WALL SECTION
A302 — 1/2" = 1'-0"



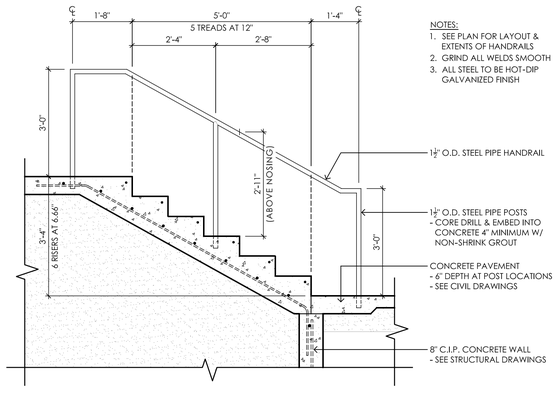
2 WALL SECTION
A302 — 1/2" = 1'-0"



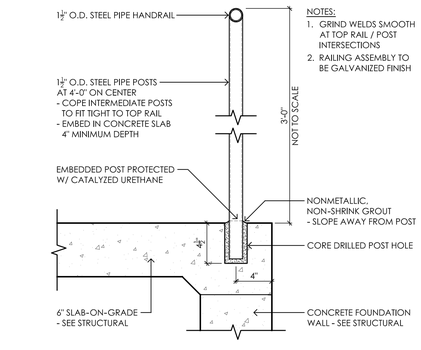
3 WALL SECTION
A302 — 1/2" = 1'-0"



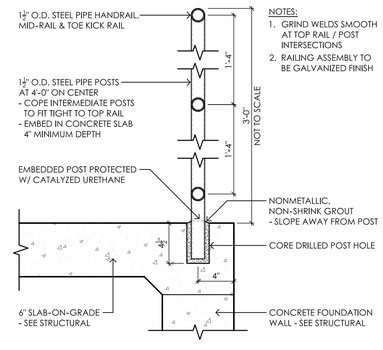
4 WALL SECTION
A302 — 1/2" = 1'-0"



5 CONCRETE STAIR SECTION
A302 — 1/2" = 1'-0"



6 TYPICAL HANDRAIL DETAIL
A302 — 1 1/2" = 1'-0"



7 TYPICAL TRIPLE RAIL DETAIL
A302 — 1 1/2" = 1'-0"

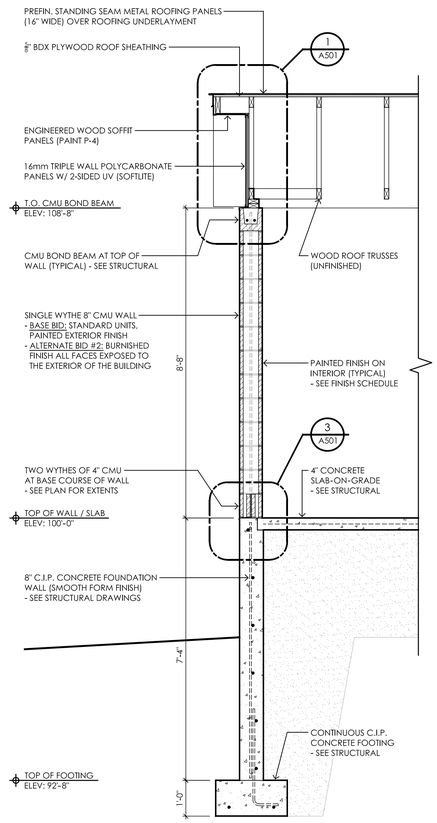
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

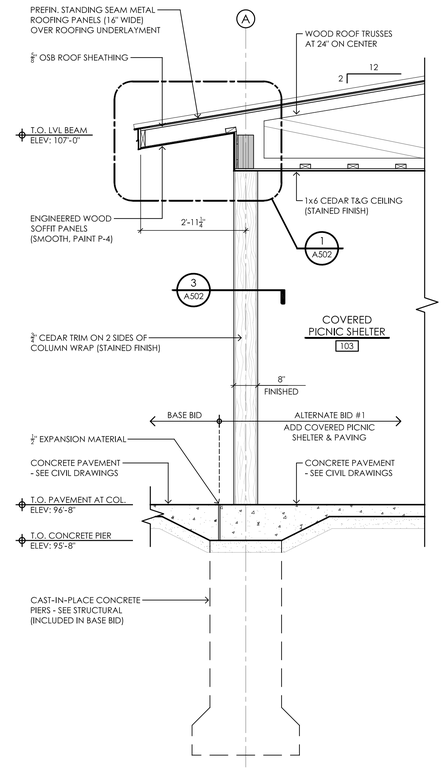
DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS

PROJECT No 1620
DRAWING TITLE WALL SECTIONS, RAILING DETAILS

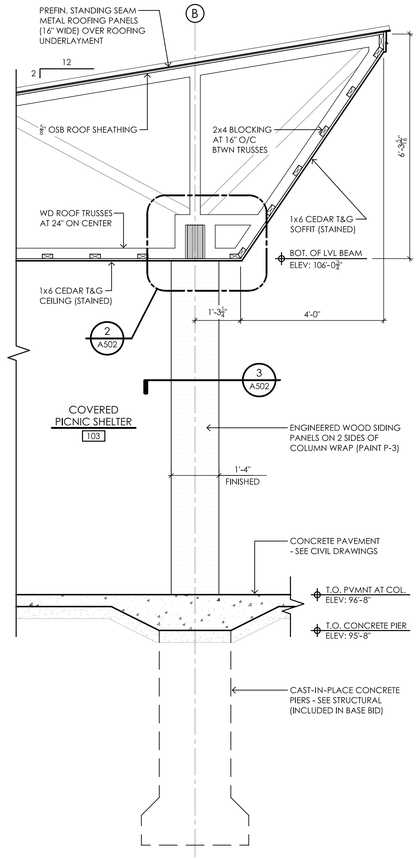
SHEET No
A302



1 A303 **WALL SECTION**
1/2" = 1'-0"



2 A303 **PICNIC SHELTER SECTION**
ALT BID #1 1/2" = 1'-0"



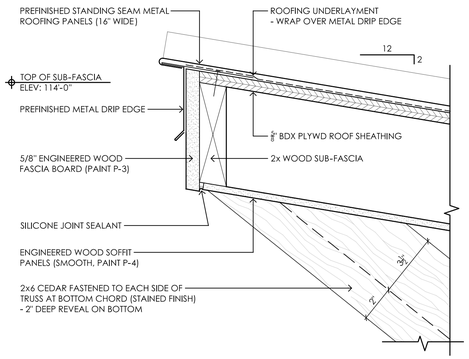
3 A303 **PICNIC SHELTER SECTION**
ALT BID #1 1/2" = 1'-0"

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

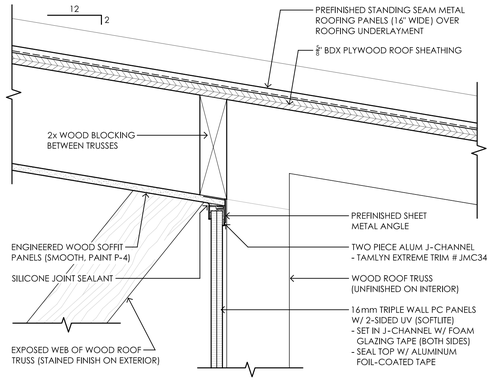
PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS
PROJECT No 1620
DRAWING TITLE WALL SECTIONS

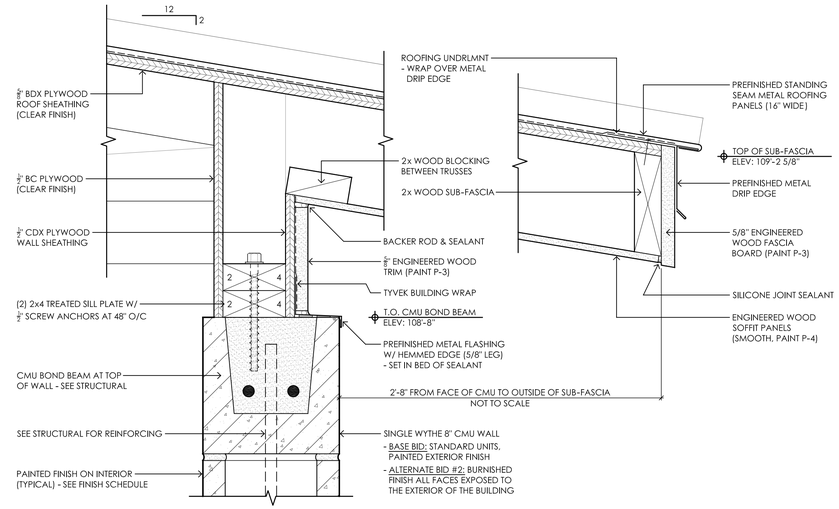
SHEET No
A303



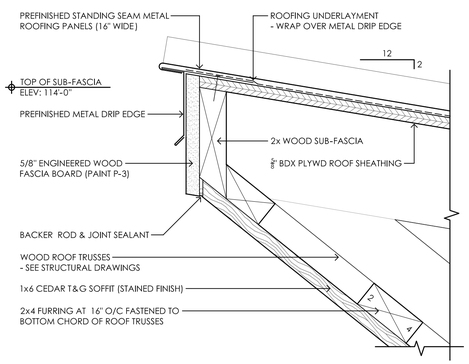
1 A500 **ROOF EDGE DETAIL**
3" = 1'-0"



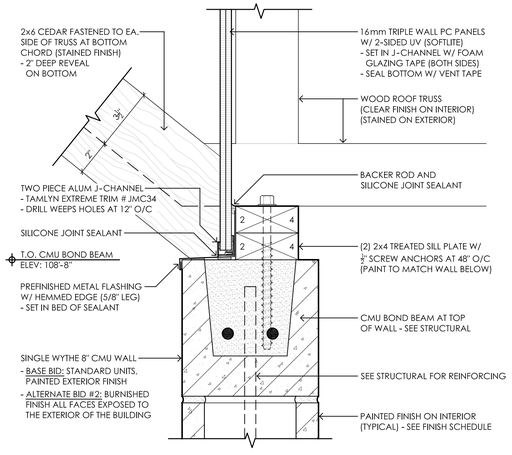
2 A500 **WALL SECTION DETAIL**
3" = 1'-0"



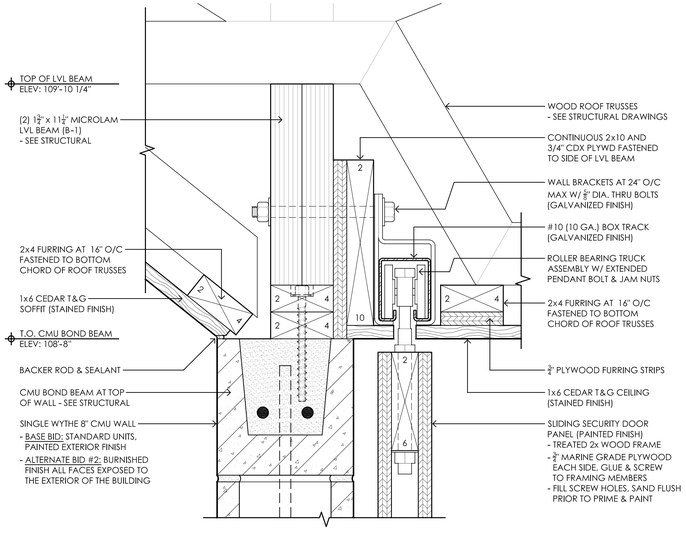
3 A500 **TOP OF CMU WALL / ROOF EDGE DETAIL**
3" = 1'-0"



4 A500 **ROOF EDGE DETAIL**
3" = 1'-0"



5 A500 **WALL SECTION DETAIL**
3" = 1'-0"



6 A500 **RECESSED DOOR TRACK DETAIL**
3" = 1'-0"

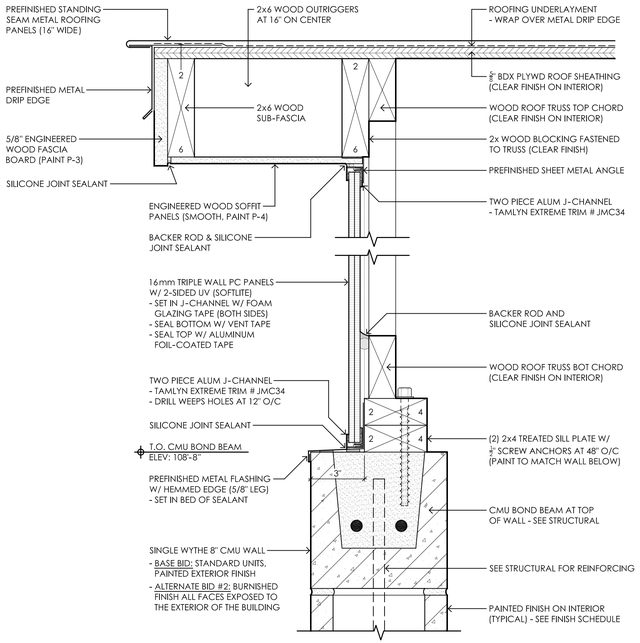
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

PROJECT **BADGER - HICKEY PARK RESTROOMS & SHELTER**
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS

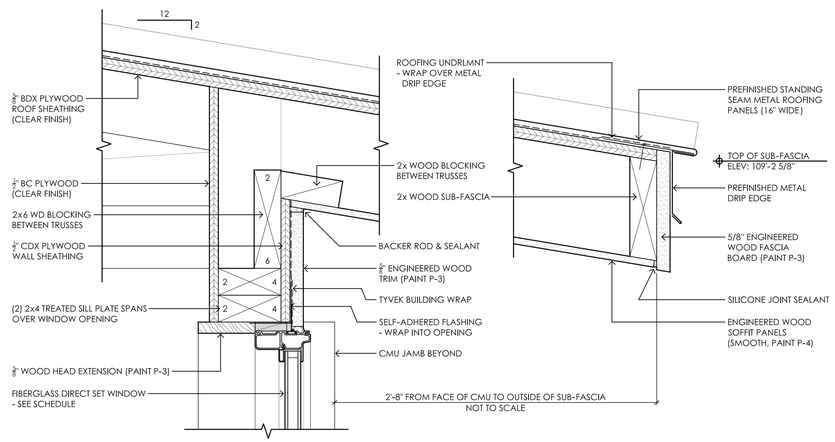
PROJECT No 1620
DRAWING TITLE ARCHITECTURAL DETAILS

SHEET No **A500**



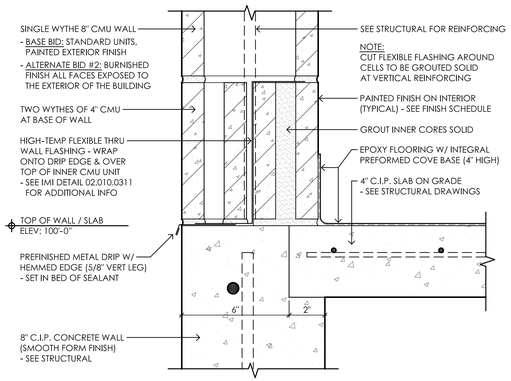
1 A501 TRANSLUCENT WALL PANEL / ROOF EDGE SECTION DETAIL

3" = 1'-0"



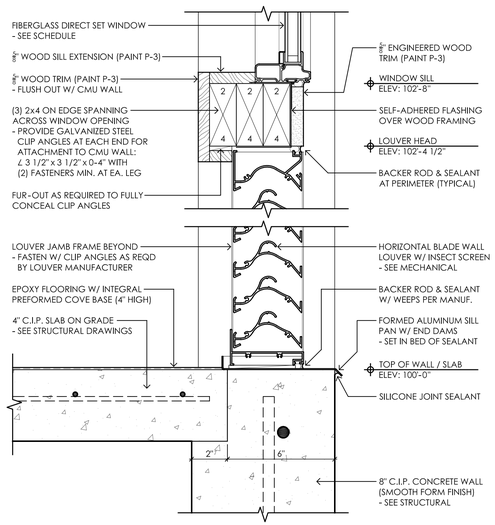
2 A501 WINDOW HEAD / ROOF EDGE DETAIL

3" = 1'-0"



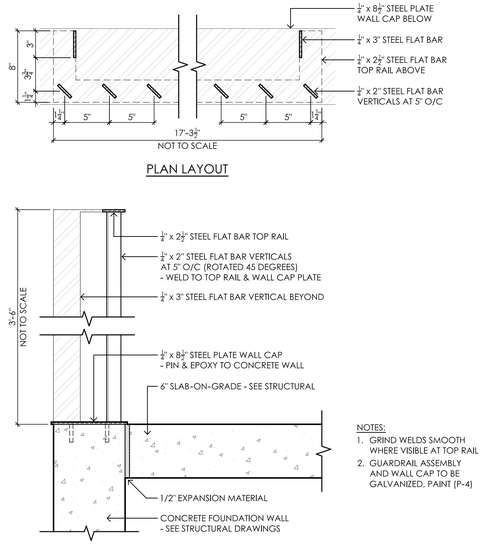
3 A501 EXTERIOR CMU WALL W/ SPLIT BASE COURSE

3" = 1'-0"



4 A501 WINDOW HEAD / LOUVER SECTION DETAIL

3" = 1'-0"



5 A501 TYP. GUARDRAIL DETAILS

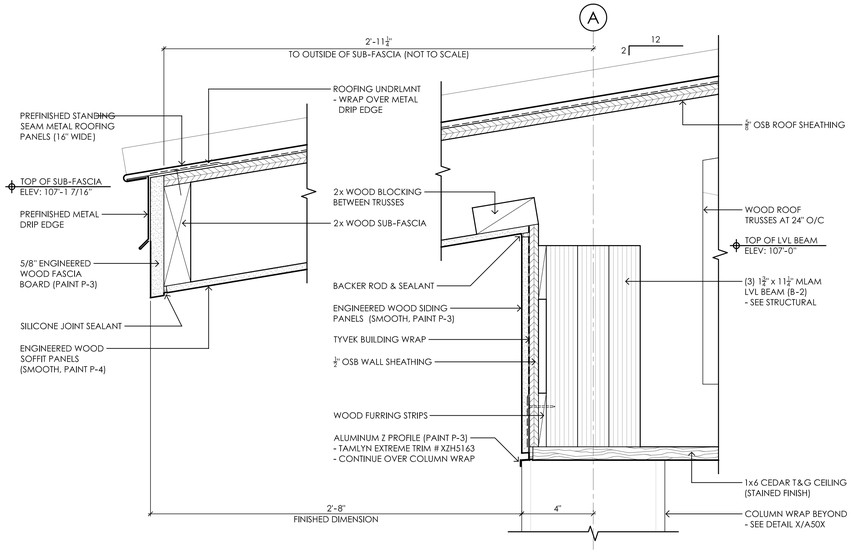
1 1/2" = 1'-0"

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

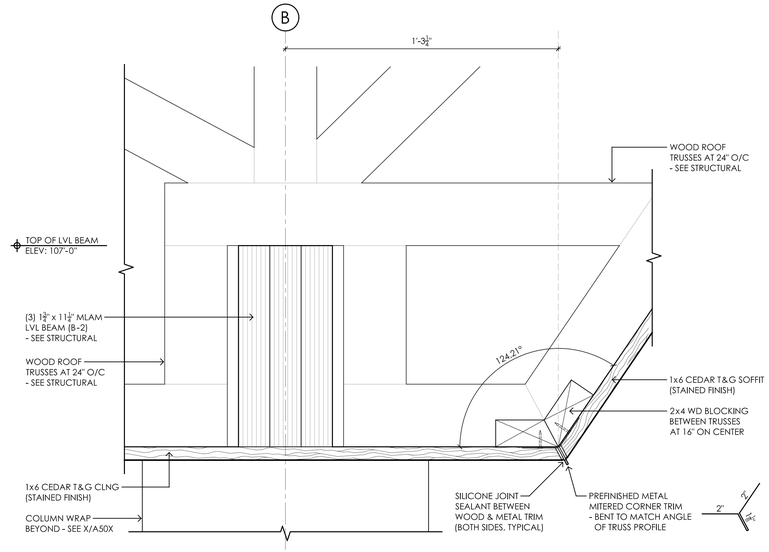
PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

PROJECT No 1620
DATE 07/25/25
DRAWING TITLE ARCHITECTURAL DETAILS
DRAWN BY CLR
CHECKED BY MWS

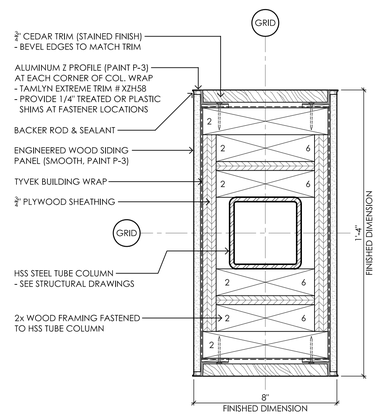
SHEET No
A501



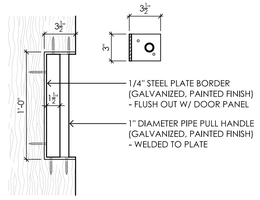
1 A502 **ROOF EDGE / WOOD CEILING DETAIL**
3" = 1'-0"



2 A502 **WOOD CEILING DETAIL MITER DETAIL**
3" = 1'-0"



3 A502 **TYPICAL STEEL COLUMN WRAP**
3" = 1'-0"



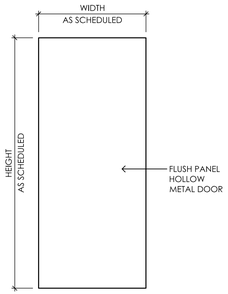
4 A502 **CUSTOM STEEL PIPE PULL HANDLE**
1 1/2" = 1'-0"

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

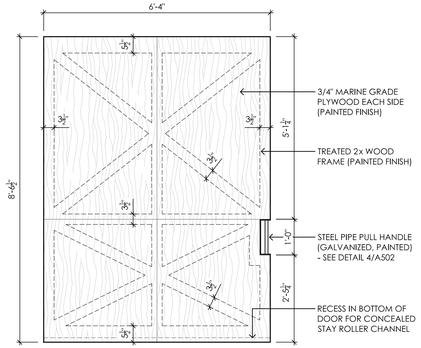
PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS
PROJECT No 1620
DRAWING TITLE COVERED PICNIC SHELTER DETAILS

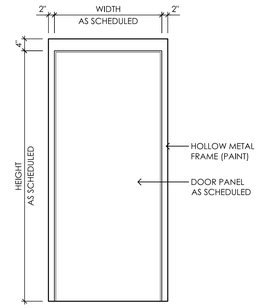
SHEET No
A502



TYPE - F
FLUSH PANEL



TYPE - SD
SLIDING SECURITY DOOR PANEL



TYPE HM-1
SINGLE DOOR MASONRY FRAME

DOOR AND HARDWARE SCHEDULE

NO.	DOOR							FRAME							MISC.		REMARKS
	DOOR SIZE										DETAILS						
	W.	H.	T.	MAT.	TYPE	GLAZING TYPE	FINISH	MAT.	TYPE	DEPTH	HEAD	JAMB	SILL	FINISH	FIRE RATING	HDWR GROUP	
100	3'-0"	7'-0"	1 3/4"	HM	F	--	P-3	HM	HM-1	6 3/4"	3/A600	4/A600	5/A600	P-3	--	1	1, 2
101	3'-0"	7'-0"	1 3/4"	HM	F	--	P-3	HM	HM-1	6 3/4"	3/A600	4/A600	5/A600	P-3	--	2	1
102	3'-0"	7'-0"	1 3/4"	HM	F	--	P-3	HM	HM-1	6 3/4"	3/A600	4/A600	5/A600	P-3	--	1	1, 2
103	6'-4"	8'-6 1/2"	3"	WOOD	SD	--	P-4	--	--	--	--	--	--	--	--	3	3

DOOR SCHEDULE REMARKS:

1. KERF FRAME W/ INTEGRAL WEATHER STRIPPING, INSULATED DOOR PANEL
2. INSTALL KICK PLATE ON PUSH SIDE OF DOOR PANEL
3. RECESSED BOX TRACK SLIDING DOOR TRACK ABOVE CEILING FINISH
   - PROVIDE A RECESS IN BOTTOM OF DOOR SLAB TO RECEIVE CONCEALED STAY ROLLER CHANNEL

1 A600 DOOR & FRAME TYPES
1/2" = 1'-0"

DIRECT SET FIBERGLASS
WINDOW UNIT

2 A600 WINDOW TYPES
1/2" = 1'-0"

3 A600 HM DOOR HEAD DETAIL
3" = 1'-0"

4 A600 HM DOOR JAMB DETAIL
3" = 1'-0"

5 A600 HM DOOR SILL DETAIL
3" = 1'-0"

6 A600 TRANSLUCENT WALL PANEL TYPES
1/2" = 1'-0"

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

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS

PROJECT No 1620
DRAWING TITLE DOOR & WINDOW TYPES, DOOR SCHEDULE

SHEET No
A600

ROOM MATERIAL AND FINISH SCHEDULE

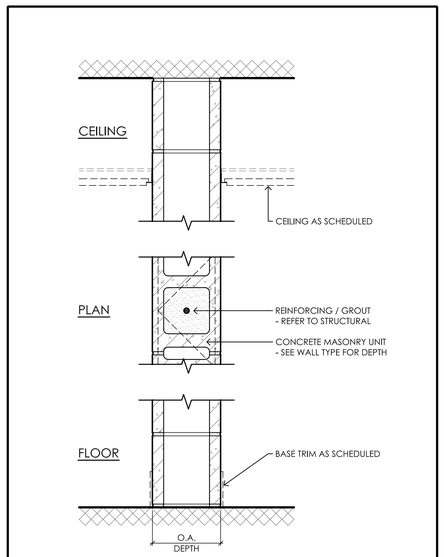
ROOM #	ROOM NAME	FLOOR		BASE	WALLS								CEILING			REMARKS
					NORTH		EAST		SOUTH		WEST					
		SUBSTRATE	FINISH		SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	SUBSTRATE	FINISH	CLG. HT.	
100	FEMALE RESTROOM	CONCRETE	EPOXY	EPOXY	CMU	P-2	CMU / WD	P-2 / CLR	CMU / WD	P-2 / CLR	CMU / WD	P-2 / CLR	WOOD	CLEAR	SLOPED	1, 2
101	UTILITY ROOM	CONCRETE	SEALED	---	CMU	P-2	CMU	P-2	CMU	P-2	CMU	P-2	WOOD	UNFINISHED	SLOPED	
102	MALE RESTROOM	CONCRETE	EPOXY	EPOXY	CMU / WD	P-2 / CLR	CMU / WD	P-2 / CLR	CMU	P-2	CMU / WD	P-2 / CLR	WOOD	CLEAR	SLOPED	1, 2
103	COVERED PICNIC SHELTER	CONCRETE	BROOM	---	---	---	---	---	---	---	---	---	WOOD	STAINED	9'-4"	3

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. INSTALL 1/2" BC SANDED PLYWOOD ABOVE CMU, UP TO ROOF SHEATHING AT ALL PERIMETER WALLS WITHOUT POLYCARBONATE PANELS (CLEAR FINISH)
2. OPEN STRUCTURE CEILING TO BE CLEAR FINISH (WOOD FRAMING / PLYWOOD ROOF DECKING) - SAND FRAMING MEMBERS TO REMOVE STAINS, STAMPS, AND DIRT PRIOR TO FINISHING
3. ALTERNATE BID #1 - ADD COVERED PICNIC SHELTER



TYPE	CORE DEPTH	O.A. DEPTH	STC RATING	SOUND BATT	NOTES
M8	7 5/8"	7 5/8"	--	--	--

PARTITION TYPE LEGEND:

CORE TYPES

- S - STEEL STUD FRAMING
- M - CONCRETE MASONRY WALL
- W - WOOD FRAMED CONSTRUCTION
- X - SHAFT WALL ASSEMBLY
- F - FURRING
- G - DIRECT-APPLIED GYPSUM BOARD

CORE DEPTH CODE METAL:	CORE DEPTH CODE MASONRY:	CORE DEPTH CODE WOOD:
0 = 7/8"	4 = 4" (3 5/8")	1 = 3/4"
1 = 1 5/8"	6 = 6" (5 5/8")	2 = 1 1/2"
2 = 2 1/2"	8 = 8" (7 5/8")	3 = 2 1/2"
3 = 3 5/8"	10 = 10" (9 5/8")	4 = 3 1/2"
4 = 4"	12 = 12" (11 5/8")	6 = 5 1/2"
6 = 6"		8 = 7 1/4"
8 = 8"		

GENERAL NOTES - PARTITIONS:

1. PARTITIONS ARE DIMENSIONED TO THE FACE OF FRAMING / MASONRY UNLESS NOTED OTHERWISE
2. FURNISH AND INSTALL ALL BLOCKING OR BACKING MATERIAL FOR ATTACHMENT OF WALL HUNG ITEMS OR EQUIPMENT
3. REFER TO ROOM FINISH SCHEDULE FOR FINISH MATERIALS
4. FURNISH AND INSTALL GYPSUM BOARD CONTROL JOINTS WHERE LENGTH OF UNINTERRUPTED PLANE EXCEEDS 30 FEET UNLESS NOTED OTHERWISE
5. PROVIDE FIRE CODE GYPSUM BD AT FIRE RATED PARTITIONS
6. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION
7. FURNISH AND INSTALL APPROVED FIRE/SMOKE PACKING, FILLER, AND SEALANT AT ALL FIRE RATED ASSEMBLIES
8. PROVIDE FIRE-BLOCKING BETWEEN STUDS AT FINISHED CEILING HEIGHT WHERE WALL CAVITIES DO NOT CONTAIN BATT INSULATION. FIRE-BLOCKING CAN BE FRT WOOD BLOCKING OR 16" H BATTS FULLY FILLING STUD CAVITY & FIXED IN PLACE
9. REFER TO FLOOR PLANS AND ENLARGED PLANS FOR WALL TYPE DESIGNATIONS
10. WALLS NOTED TO BE FIRE RATED SHALL INCLUDE THE ENTIRE LENGTH AND HEIGHT OF WALL
11. EXTEND ALL WALLS AND INTERIOR PARTITIONS TO THE UNDERSIDE OF STRUCTURAL DECKING UNLESS NOTED OTHERWISE
12. NEOPRENE FILLER OR FIRESTOPPING TO BE FURNISHED AND INSTALLED WHERE TOP OF WALL EXTENDS TO DECK FLUTES
13. FURNISH AND INSTALL CEMENT BACKER BOARD AT ALL WALL TILE LOCATIONS
14. FURNISH AND INSTALL LATERAL BRACING AT WALL ENDS THAT DO NOT EXTEND TO STRUCTURE ABOVE
15. REFER TO SPECIFICATION SECTION 09 29 00 - GYPSUM BOARD AND SECTION 09 91 00 - PAINTING FOR FINISH LEVEL REQUIREMENTS

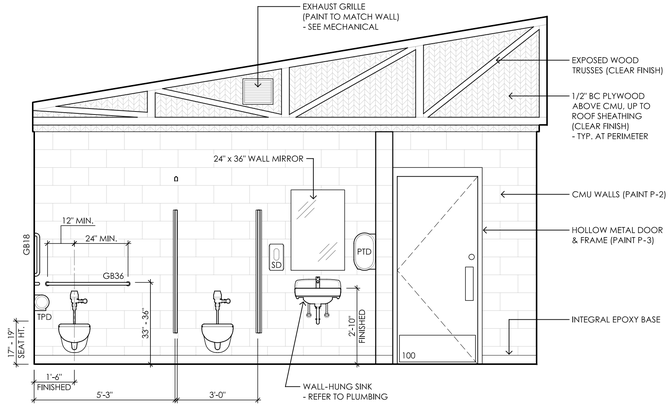
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS

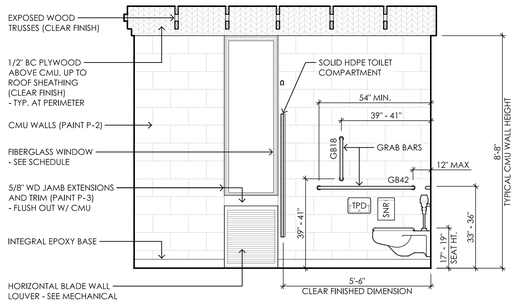
PROJECT No 1620
DRAWING TITLE ROOM FINISH SCHEDULE, PARTITION TYPES

SHEET No
A610



1 A700 SOUTH WALL ELEVATION - RM #100

3/8" = 1'-0"



2 A700 EAST WALL ELEVATION - RM #100

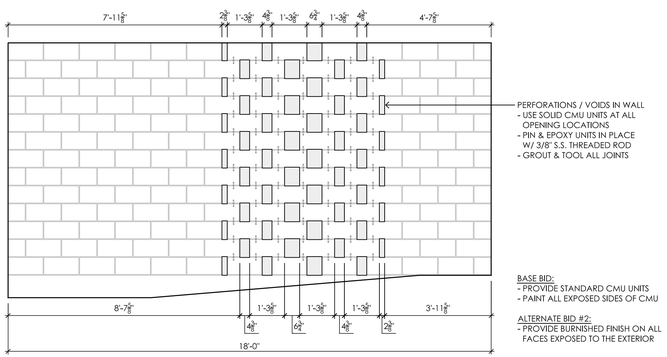
3/8" = 1'-0"

3 A700 NORTH WALL ELEVATION - RM #102

3/8" = 1'-0"

4 A700 EAST WALL ELEVATION - RM #102

3/8" = 1'-0"



5 A700 PERFORATED SCREEN WALL ELEVATION

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 CONTAINTERS

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

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

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS
PROJECT No 1620
DRAWING TITLE INTERIOR ELEVATIONS

SHEET No
A700

TYPICAL NOTES:
These notes specify the requirements for the design represented in these documents. The construction and materials shall comply with all the pertinent codes and references, plans, and details, including (but not limited to) those shown in architectural, civil, mechanical and electrical drawings.

The Contractor shall verify all dimensions and existing conditions in the field that affect construction prior to commencing work on the affected element or shop drawing submittals. Resolve any discrepancies with the Architect prior to construction.

The contract structural drawings and specifications represent the completed structure. The Contractor is responsible for bracing and shoring (without overstressing) all structural elements as necessary at any stage of construction until completion of the project. The Structural Engineer of Record is not responsible for the Contractor's means, methods, sequences or procedures of construction. Contractor shall recognize and consider effects of thermal movements of structural elements during construction period.

The Contractor is solely responsible for site safety including all temporary precautionary measures and safety programs. Site observation visits by the Structural Engineer of Record do not include review of the contractor's safety precautions.

Refer to architectural, mechanical and electrical drawings for locations, elevations, dimensions, and details of sleeves, inserts, openings, recesses, curbs, housekeeping pads, etc. that are not shown on the structural drawings and do not damage structural members.

Information shown in the structural drawings regarding existing conditions represents the current and general field conditions related to the new work, to the best of our knowledge. Report all discrepancies (unforeseen conditions) to the Architect for resolution prior to performing related new work.

Requests for information shall be submitted in writing and shall reference the part of the construction documents that is in question.

SPECIAL INSPECTIONS:
Special inspections required by the building code and these documents shall be provided in addition to inspections to be performed by the city in which the project is located.

Contractor shall read and understand their duties in the specification and under the building code for special inspections and coordinate as necessary the Owner's responsibilities.

The Special Inspectors shall be provided by the Owner and shall use current structural drawings incorporating all revisions and approved shop drawings.

Special inspection reports are to be submitted promptly and within 24 hours to the Structural Engineer of Record and Contractor from the time when inspections are performed.

The General Contractor shall provide timely notice (minimum 24 hours) to the Special Inspector and sufficient time for the Inspector to perform their inspection.

For a schedule of Special Structural Inspections required by the building code for this project, see the Special Inspection Schedule.

STRUCTURAL TEST AND SPECIAL INSPECTION SCHEDULE:

		Continuous	Periodic	None
1.	STEEL CONSTRUCTION: Section 1705.2.1 and Table 1705.2.3			
1.1	Fabricator Documentation - Note (1)	☐	■	☐
1.2	High Strength Bolting-Bearing Material	☐	■	☐
1.3	High-Strength Bolting-Slip-Critical and Material	☐	☐	■
1.4	Steel Material, Seismic - Section 1705.12.1	☐	☐	■
1.5	Welds: Full and Part Pen and Multi-Pass Fillet	■	☐	☐
1.6	Welds: Single Pass Fillet for All Sections	☐	■	☐
1.7	Frame Joint Detail Compliance	☐	■	☐
2.	CONCRETE CONSTRUCTION: Section 1705.3 and Table 1705.3			
2.1	Member Shape and Size Compliance in Formwork	☐	■	☐
2.2	Reinf Steel and PT Tendons Size, Quantity and Placement	☐	☐	■
2.3	Weldability of Reinforcing and Welds	☐	■	☐
2.4	Anchors in Concrete	■	☐	☐
2.5	Use of Required Mix Design	☐	■	☐
2.6	Sample for Specimens and Tests	■	☐	☐
2.7	Placement of CIP Concrete and Shotcrete	■	☐	☐
2.8	Curing Compliance	☐	■	☐
2.9	Strength for Stressing PT Tendons	☐	☐	■
2.10	Prestressing Force Application	☐	☐	■
2.11	Grouting Bonded Tendons - Seismic	☐	☐	■
2.12	Strength for Formwork Removal	☐	☐	■
2.13	Erection of Precast Members	☐	☐	■
3.	MASONRY CONSTRUCTION: Section 1705.4			
3.1	Level 2: TMS 602 Table 4			
3.1.1	Proportions of Site-Prepared Mortar	☐	■	☐
3.1.2	Sample Panel Construction	☐	■	☐
3.1.3	Grout Space	☐	■	☐
3.1.4	Placement of Reinforcement, Connectors and Anchors	☐	■	☐
3.1.5	Proportions of Site Prepared Grout	☐	■	☐
3.1.6	Placement of Masonry Units and Mortar Joint Construction	☐	■	☐
3.1.7	Size and Location of Structural Members	☐	■	☐
3.1.8	Welding of Reinforcement	■	☐	☐
3.1.9	Grout Placement	☐	■	☐
3.1.10	Preparation of Grout Specimens, Mortar Specimens and/or Prisms	☐	■	☐
4	SOILS: Section 1705.6 and Table 1705.6			
4.1	Bearing Material, Capacity and Depth	☐	■	☐
4.2	Compacted Fill Compliance With Soils Report	■	☐	☐

Notes:
1. When the fabricator does not meet the requirements of 1704.2.5.1.
2. Empirically designed masonry is excluded.

DESIGN CODES AND STANDARDS:
2015 International Building Code, as amended and adopted by the state of Wisconsin.

MATERIAL PROPERTIES:
Reinforcing Steel (Fy):

Typical	60,000 psi	ASTM A615 Grade 60
Weldable	60,000 psi	ASTM A706 Grade 60

Cast-in-Place Concrete (f'c) at 28 days, u.n.o.:

Controlled Low Strength Material (CLSM)	1,200 psi Maximum 50 psi Minimum
Footings	3,000 psi
Piers and Walls (non-shear)	4,000 psi
Slabs on Grade	4,000 psi
Exterior Concrete	4,500 psi w/ air entrainment
All Concrete not otherwise noted	4,000 psi

Concrete Masonry - Unit Strength:

F'm	2,000 psi
Typical Units:	2,000 psi per ASTM C90
Masonry Grout	2,000 psi
Masonry Mortar	ASTM C270, Type S

Structural Steel (Fy):

Wide Flanges:	50,000 psi ASTM A992
Angles, Channels, Plates, and Bars	36,000 psi ASTM A36
Rectangular HSS	46,000 psi ASTM A500, Grade B

Structural Fasteners:

Carbon Steel Bolts	60,000 psi ASTM 307
Carbon Steel, Threaded Rods	36,000 psi ASTM A36
Anchor Rods, Grade 36 U.N.O.	36,000 psi ASTM F1554

SAWN LUMBER:

Spruce-Pine-Fir (SPF) No. 2 or better; (Studs, Joists and Headers)	Fb 875 psi Fc 1150 psi parallel to grain Fc 425 psi perpendicular to grain E 1,400,000 psi
Southern Yellow Pine (SYP) No. 2 or better; (Preservative Treated Wood)	Fb 1500 psi Fv 175 psi Fc 1600 psi parallel to grain Fc 565 psi perpendicular to grain E 1,600,000 psi

MATERIAL PROPERTIES continued:

STRUCTURAL COMPOSITE LUMBER:	
Laminated Veneer Lumber (LVL): (Beams and Headers) (1 3/4" x Depth)	Fb 2900 psi Fv 285 psi Fc 750 psi perpendicular to grain E 2,000,000 psi
APA RATED WOOD SHEATHING:	
Roof Sheathing:	40/20 Span Rating & thickness per plan EXPOSURE 1

DESIGN LOADS:
LATERAL LOADS:

Risk Category:	II
Wind Loads:	
Primary Frame Wind Data:	
Basic Wind Speed:	V ult = 115 mph
Exposure Category:	C
Internal Pressure Coefficient (Gcpi):	+ 0.18 or - 0.18
Exterior Component/Cladding:	Supplier to develop based on code criteria and indicate on shop drawings.
Seismic Loads:	
Primary Seismic Data:	
Mapped Spectral Response Accelerations:	Ss: 0.053 S1: 0.036
Site Class:	D
Site Coefficients:	Fa = 1.6 Fv = 2.4
Design Spectral Acceleration Parameters:	Sds: 0.057 Sd1: 0.058
Importance Factor:	1.0
Seismic Design Category:	A
Basic Seismic-Force- Resisting System:	Ordinary reinforced masonry shear walls (Restroom Building) Steel ordinary cantilever column systems (Picnic Shelter Building)
Response Modification Factor:	R = 2.0 (Restroom) 1.25 (Shelter)
Overstrength Factor:	Ω_0 = 2.5 (Restroom) 1.25 (Shelter)
Seismic Response Coefficient:	Cs = 0.029 (Restroom) 0.046 (Shelter)
Ultimate Design Base Shear:	V = 0.029* W 0.046* W (Shelter)
Analysis Procedure:	Equivalent Lateral Force Procedure

GRAVITY LOADS:

Dead Load:	
Roof:	10 psf
Snow Load:	
Ground Snow Load, Pg:	40 psf
Flat-Roof Snow Load, Pf:	34 psf
Snow Exposure Factor, Ce:	1.0
Snow Load Importance Factor, I:	1.0
Thermal Factor, Ct:	1.2
Unbalanced/Drift Snow Load:	Refer to plan, U.N.O.

CONVENTIONAL FOOTINGS:
Footings are designed for a maximum allowable soil bearing pressure of 1500 pounds per square foot on undisturbed natural soil or compacted engineered fill. Soil bearing pressure is to be verified in the field during construction by a qualified Geotechnical Engineer.

All topsoil, fill, organic, and/or other unsuitable bearing material shall be removed below the footings and/or within the building area to the depths indicated in the geotechnical engineering report and extent of removal shall be field verified by the Geotechnical Engineer.

All excavations shall be observed by a qualified Geotechnical Engineer to verify removal of all unsuitable material, and confirm the proper preparation of bearing conditions. Rock excavation for individual footings is not expected to exceed five foot depth, U.N.O. No mass excavation is anticipated. Blasting is not permitted.

For footings that do not bear on natural undisturbed soil, extend engineered fill laterally beyond bottom edge of footing per recommendations in the geotechnical report.

Foundation and retaining walls shall be back filled with free draining fill approved by the Geotechnical Engineer. Provide drainage board and perforated pipe as required by the contract documents and verify with the Architect and Civil Engineer.

Engineered fill shall not be placed on frozen material and frozen material shall not be used as engineered fill. Contractor shall provide any means necessary to prevent frost penetration under footings during construction.

Backfill equally on both sides of foundation walls to prevent overturning or lateral wall movement, or brace as necessary.

For stepping of wall footings reference drawings for detail.

REINFORCED CONCRETE:
The detailing, fabrication and erection of all reinforcing shall be done in accordance with the latest edition of ACI-315, "Manual of Standard Practice for Detailing Reinforced Concrete Structures and ACI-318, "Building Code Requirements for Structural Concrete."

All reinforcing bars are deformed and continuous, unless noted otherwise. Refer to drawings for reinforcing lap length schedule.

Provide suitable wire spacers, chairs, etc. for support of reinforcing steel in proper position while placing concrete. All bars shall be tied to prevent displacement while placing concrete. All chairs and slab bolsters shall be plastic or steel with plastic tips. When reinforcing steel is epoxy coated or p/t tendons are fully encapsulated, all chairs and slab bolsters shall be epoxy coated or plastic and all support bars shall be epoxy coated. Chairs are to be stable and resist tipping.

Aluminum conduit, aluminum sleeves and aluminum embeds are not permitted in concrete.

Provide a 3/8 inch radius for all exposed concrete corners. See architectural drawings for details and additional requirements.

Calcium chloride is not permitted as a concrete additive.

Concrete Cover on Reinforcing:

Slab on Grade:	upper third of slab
Footings:	3" clear bottom and sides 2" clear top
Walls:	#5 and smaller 1 1/2" clear earth or weather face #6 and greater 2" clear earth or weather face 3/4" interior face

CONCRETE SLABS ON GRADE:
Slabs on grade shall be placed in lane fashion.

The control or construction joints shall be placed as shown on the drawings. The joints shall align with the column grids and be spaced as noted below:

Exterior slabs	24 times slab thickness, maximum;
Interior slabs	36 times slab thickness, maximum;
Interior slabs with carpeting	48 times slab thickness, maximum.

The panels formed by control or construction joints shall not be "L" shaped, and a rectangular panel's aspect ratio shall not exceed 1.5.

Refer to the drawings for the typical slab on grade construction and saw cut control joint detail. Control and construction joints must be continuous and not offset.

Refer to drawings for reinforcing at re-entrant corners. Bend bars as necessary at obstructions.

Refer to the specification for the existence, type, and thickness of interior ground vapor retarder. Locate a vapor retarder directly beneath the slab on grade on top of a 6 inch compactable granular base. Refer to the specification for requirements for the compactable granular base.

Mechanically vibrate concrete around trench drains, floor ducts, construction joint dowels, loading docks, architectural features and other embedded items.

Refer to flooring manufacturer's specification for levelness, flatness and curing of concrete slabs on grade to receive special architectural floor finishes.

STRUCTURAL STEEL:
Structural steel shall be detailed, fabricated and erected in compliance with AISC Specification for the design, fabrication, erection of structural steel for building, and Code of Standard Practice, and OSHA steel erection standards.

Splicing structural members where not detailed on the drawings is prohibited without prior approval of the Structural Engineer of Record.

Modification of structural steel members in the field is not allowed without written approval by the Structural Engineer of Record.

Anchor rods shall be minimum 3/4" diameter or as detailed in drawings.

Where weld sizes are not indicated provide minimum weld size as indicated in AISC table J2.4.

REINFORCED MASONRY:
Masonry work shall conform to all requirements of ACI 530, "Building Code Requirements for Masonry Structures."

All masonry units are placed in running bond fashion. Corners shall have a standard bond by overlapping units.

Special shapes shall be provided for jambs, columns, pilasters, control joints, corners, and lintels.

All masonry walls shall have horizontal joint reinforcing spaced d'oa6 Horizontal joint reinforcing shall be ladder style and fabricated with galvanized nine-gauge wire and shall include corner and intersecting wall pieces. Provide minimum 6" laps at all splices.

Vertical reinforcing shall be held in place by rebar positioners, crossties, chairs, or tying to every other layer of horizontal reinforcing steel. Refer to the detail in the drawings for vertical reinforcing bar location in a core.

Provide concrete cover of minimum 1/2" to face shell.

Refer to detail in the drawings for reinforcing bar lap lengths.

Extend vertical reinforcing from footings to 2" clear top of wall or to beam bearing. Extend vertical reinforcing into the next level of construction and lap in accordance with the lap schedule.

When typical vertical wall reinforcing is interrupted by long wall openings, provide typical vertical wall reinforcing above and below opening, and extend into horizontal bond beams. Refer to the schedule on the drawings, for masonry wall opening lintels and jamb reinforcing.

Provide vertical reinforcing at the ends of walls and at wall intersections to match specified reinforcing. Run reinforcing full height of walls.

All masonry units shall be placed with full face shell mortar coverage on horizontal and vertical face shells. Webs shall also have full mortar coverage around all grouted cells.

Fill block core at vertical reinforcing (8" minimum length along wall) with concrete grout. Filling cores with mortar is not allowed. Vibrate in place. Rodding and puddling are not allowed.

Maximum grout lift height is 5'-4", Maximum grout pour height is 8'-0", provide cleanouts if pour heights exceed 5'-4".

Masonry cement mortar is not allowed.

Calcium chloride or admixtures containing chloride shall not be used in mortar or grout.

For reinforced masonry bond beams, provide bent corner bars at corners and intersections that match reinforcing. Step bond beams as necessary to match roof slopes. Lap reinforcing bars per schedule.

For construction of masonry control joints refer to detail in drawings.

Unless noted otherwise on the drawings place control joints in masonry walls such that no straight run of wall exceeds 24'-0" and within 4'-0" of corners. Do not place control joints within 48 inches of a masonry opening jamb or a steel bearing plate.

Bond beams shall be constructed with flow through knock out bond beam blocks and reinforced with 2 - #5 continuous unless noted otherwise.

Place bond beam reinforcing continuously through control joints. Do not splice bond beam reinforcing within 6'-0" of a control joint.

Provide bond beam with reinforcing at all floor lines, roof lines, and top of walls. Refer to details in the drawings.

Refer to drawings for reinforcing schedule, top of wall bracing, thickened bearing slab and lintel schedule for non-bearing masonry walls. Refer to Architectural drawings for location and extent.

MASONRY BEAMS:
For all masonry beams use lintel blocks.

Masonry beams are to bear 8" minimum at jambs. Extend vertical reinforcing through masonry beam bearing.

Extend horizontal reinforcing full length. Refer to detail in the drawings for stirrup configuration.

Grout masonry beams solid. Mechanically vibrate grout in place.

WOOD FRAMING:
DIMENSION LUMBER:
All member sizes given in the drawings are nominal dimensions.

All lumber shall be kiln-dried, maximum moisture content 15% and grade marked according to the National Forest Products Association Regulations.

Double top plate splices shall lap 4'-0" and be nailed with 16 - 0.131" x 3" nails equally spaced with 1 1/2" end distance, unless noted otherwise on plan.

All exterior lumber and all lumber in contact with concrete or masonry, or exposed to the exterior shall be treated Southern Yellow Pine. Each sill plate shall have a minimum of 2 anchor rods with an anchor rod located within 12" of each end.

All connectors in contact with treated lumber shall have corrosion protection.

For nailing/fastener schedule refer to the drawings.

STRUCTURAL COMPOSITE LUMBER:
Structural composite lumber shall be provided with member strengths as specified in the general structural notes.

All members shall be stamped with the Manufacturer's name and/or logo, name of inspection agency and the applicable evaluation report numbers.

Structural composite lumber such as laminated veneer lumber (LVL), parallel strand lumber (PSL), and laminated strand lumber (LSL), shall be the size and type shown on the drawings, manufactured by Truss-Joist or approved equal.

LVL, PSL, and LSL shall be manufactured under a process approved by the national research board.

All LVL shall be manufactured in accordance with NER-126
All PSL shall be manufactured in accordance with NER-292
All LSL shall be manufactured in accordance with NER-481

The manufacturing process shall use a waterproof adhesive meeting the requirements of ASTM D2559. All grain shall be parallel with the length of the member.

Structural composite lumber shall be installed with a moisture content of 12% or less. The Contractor shall make provisions during construction to prevent the moisture content of installed beams from exceeding 12%.

The Supplier is to furnish all connection materials required to fasten members to each other and to supports, exclusive of anchors embedded in masonry or concrete, and items to be field welded to structural steel.

All beams and joists not bearing on supporting members shall be framed with "Simpson Strong- Tie" joist hangers or equal. Use type "HU" (or equal) matching or exceeding the depth of the joist or beam. Install the hanger with the maximum number of fasteners specified by the manufacturer. The joist hangers shall be nailed using special nails supplied by the hanger manufacturer. Proposed nail type substitutions shall conform to the ICC report for equal or greater load capacity and shall be submitted with the ICC report to the Structural Engineer of Record for written approval.

Comply with all recommendations by the Manufacturer and with approved shop drawings for the proper storage, handling, protection, installation and temporary bracing requirements of these materials.

Bear members full width of supporting member, stud walls, posts, trim studs, beams, etc.

Notching of the bearing end or the top and bottom face is not permitted.

When installing lag screws, drill a lead hole.

WOOD STRUCTURAL PANELS:
Wood structural panels shall conform to the requirement of "U.S. Product Standard PS 1 for Construction and Industrial Plywood", "U.S. Product Standard PS 2 Performance Standard for Wood-Based Structural-Use Panels", or "APA PRP-108 Performance Standards." Panels shall be APA Rated Sheathing, Exposure 1, of the thickness and span rating shown on the drawings.

Wood structural panel installation shall be in conformance with APA recommendations. Allow 1/8" spacing at panel ends and edges, unless otherwise recommended by the Panel Manufacturer.

All roof sheathing and sub-flooring shall be installed with face grain perpendicular to supports, except as indicated on the drawings.

Roof sheathing shall either be blocked, tongue-and-groove, or have edges supported by plywood edge clips centered between roof framing elements.

When roof sheathing is nailed directly to blocking, the blocking shall be nailed to support members with a minimum of 16d nails at 4" o.c.

For nailing of wall panels to framing refer to the drawings or nailing schedule in the drawings.

WOOD FASTENERS -- NAILING:
Framing nail sizes specified on the drawings are based on the following specification U.N.O.:

Size		Diameter
6d common		0.113"
8d common	2 1/2"	0.131"
10d common	3"	0.148"
12d common	3 1/4"	0.148"
16d common	3 1/2"	0.162"

Size	Length	Diameter
6d box	2"	0.099"
8d box	2 1/2"	0.113"
10d box	3"	0.128"
16d box	3 1/4"	0.135"

Size	Length	Diameter
6d cooler	1 7/8"	0.092"
8d cooler	2 3/8"	0.113"

All framing nails shall conform to ASTM F667, "Standard Specification for Power Driven Fasteners: Nails, Spikes and Staples" and NER-272 "Power Driven Staples and Nails for Use in All Types of Building Construction." Cooler nails shall comply with ASTM C514.

Refer to nailing schedule in the drawings for nail size and spacing at a specified condition.

Nails shall be identified by labels attached to their containers that show the Manufacturer's name and NES report number, nail shank diameter, and length. Submit this information prior to framing.

If the Contractor proposes the use of alternate nails, they shall submit prior to construction nail specifications with certified calculations showing structural equivalence to the Structural Engineer of Record for review and approval.

Nails fastening APA rated plywood sheathing shall be driven flush to the face of sheathing with no counter sinking permitted. Renail sheathing as necessary to comply.

WOOD FASTENING SCHEDULE

CONNECTED ELEMENTS	FASTENING LOCATION	FASTENING SIZE AND PATTERN
1. JOIST OR TRUSS TO SILL, GIRDER OR WALL TOP PLATE	TOENAIL	3 - 8d COMMON OR 3 - 3" x 0.131" NAIL
2. BRIDGING TO JOIST OR TRUSS	TOENAIL EACH END	2 - 8d COMMON OR 2 - 3" x 0.131" NAILS
3. SILL PLATE TO JOIST, TRUSS OR BLOCKING	FACE NAIL	3 - 16d AT 16" OC OR 3 - 3" x 0.131" NAILS AT 16" OC
4. TOP PLATE TO STUD	END NAIL	2 - 16d COMMON OR 3 - 3" x 0.131" NAIL
5. STUD TO SILL PLATE	TOENAIL	4 - 8d COMMON OR 4 - 3" x 0.131" NAIL
6. STUD TO SILL PLATE	END NAIL	2 - 16d COMMON OR 3 - 3" x 0.131" NAIL
7. DOUBLE STUDS	FACE NAIL	16d COMMON AT 24" OC OR 3" x 0.131" NAIL AT 8" OC
8. DOUBLE TOP PLATES	FACE NAIL	16d COMMON AT 16" OC OR 3" x 0.131" NAIL AT 12" OC
9. DOUBLE TOP PLATES	LAP SPLICE	16 - 3" x 0.131" NAILS
10. BLOCKING BETWEEN JOISTS, TRUSSES OR RAFTERS TO TOP PLATE	TOE NAIL	3 - 8d COMMON OR 3 - 3" x 0.131" NAIL
11. RIM JOIST TO TOP PLATE	TOENAIL	8d COMMON AT 6" OC OR 3" x 0.131" NAILS AT 6" OC
12. TOP PLATE INTERSECTIONS	FACE NAIL	2 - 16d COMMON OR 3 - 3" x 0.131" NAIL
13. CONTINUOUS HEADER, TWO PIECES	FACE NAIL	ROWS 16d COMMON AT 16" OC - ONE ROW EACH EDGE
14. CEILING JOISTS OR TRUSSES TO PLATE	TOENAIL	3 - 8d COMMON OR 5 - 3" x 0.131" NAIL
15. CONTINUOUS HEADER TO STUD	TOENAIL	4 - 8d COMMON
16. CEILING JOISTS OR TRUSSES LAPPED OVER PARTITIONS	FACE NAIL	3 - 16d COMMON OR 4 - 3" x 0.131" NAIL
17. CEILING JOISTS OR TRUSSES TO PARALLEL RAFTERS	FACE NAIL	3 - 16d COMMON OR 4 - 3" x 0.131" NAIL
18. RAFTER TO PLATE	TOENAIL	3 - 8d COMMON OR 3 - 3" x 0.131" NAIL
19. BUILT-UP CORNER STUDS	FACE NAIL	16d COMMON AT 24" OC 3" x 0.131" NAILS AT 16" OC
20. BUILT-UP GIRDER AND BEAMS, 3 OR MORE PIECES	FACE NAIL AT TOP AND BOTTOM STAGGERED AT OPPOSITE SIDES	20d COMMON AT 32" OC OR 3" x 0.131" NAILS AT 24" OC
21. WOOD STRUCTURAL PANELS AND PARTICLE BOARD AS SUBFLOOR, ROOF AND WALL SHEATHING APPLICATIONS TO WALL FRAMING	6" OC AT EDGES AND AT SHEARWALLS, 12" AT INTERMEDIATE SUPPORTS EXCEPT 6" AT SUPPORTS WHERE SPANS ARE 48" OR MORE	1/2" THICKNESS OR LESS - 6d COMMON 19/32" TO 3/4" THICKNESS - 8d COMMON 7/8" TO 1" THICKNESS - 10d COMMON NOTE: 8d COMMON IS THE MINIMUM REQUIRED FOR WOOD STRUCTURAL PANELS IN ROOF SHEATHING APPLICATIONS

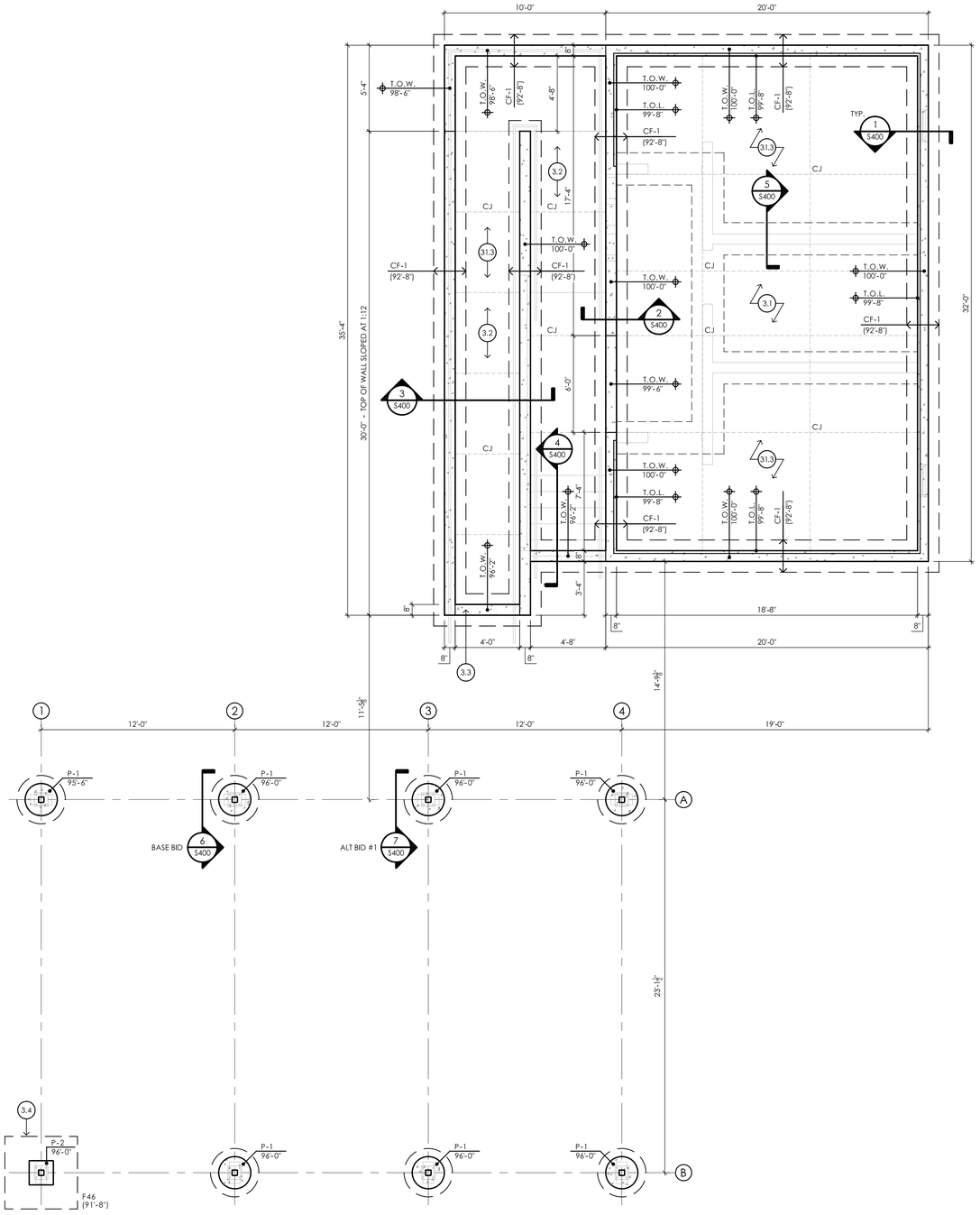
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

MBJ
TEL: 507.529.5310
mbjeng.com
206 SOUTH BROADWAY
SUITE 300
ROCHESTER, MN 55904

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

PROJECT No 1620
DRAWING TITLE GENERAL STRUCTURAL NOTES
DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS

SHEET No
S001



1 S100 FOUNDATION PLAN

1/4" = 1'-0"

N

GENERAL NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ALL STRUCTURAL SYSTEMS WITH ARCHITECTURAL FINISHES, DETAILS, ETC. CONTRACTOR SHALL COORDINATE MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS TO AVOID CUTTING OR ALTERING STRUCTURAL MEMBERS IN ANY MANNER. DO NOT FIELD CUT ANY STRUCTURAL BEAM, COLUMN, JOIST, ETC. WITHOUT WRITTEN APPROVAL FROM ENGINEER OF RECORD
2. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. PROVIDE CONSTRUCTION SHORING AND BRACING AS NECESSARY TO COMPLETE THE INSTALLATION OF ALL STRUCTURAL MEMBERS / FOOTINGS / ETC.
3. NO OPENINGS OR SLEEVES (EXCEPT AS DETAILED) SHALL BE CUT OR PROVIDED IN FOOTINGS, WALLS, OR STRUCTURAL FLOOR CONSTRUCTION WITHOUT APPROVAL
4. CONTRACTOR SHALL EMPLOY AND PAY FOR SERVICES OF AN INDEPENDENT TESTING AGENCY TO PERFORM SPECIFIED TESTING AS DESCRIBED IN THE CONTRACT DOCUMENTS
5. ALL CONCRETE TO BE MINIMUM F'c = 4000 PSI
   EXPOSED WALLS + PIERS, PROVIDE AIR ENTRAINED CONCRETE (6% ± 1.5%)
6. FOOTINGS ARE SHOWN ON THE PLAN AS MINIMUM REQUIRED SIZES.
   CONTRACTOR OPTION: CONTRACTOR MAY OPT TO INCREASE FOOTING SIZE(S) / COMBINE FOOTINGS AS LONG AS THE REINFORCING IS MAINTAINED AS INDICATED AND IS LOCATED WITHIN THE FUNCTIONAL EXTENTS AS SHOWN ON THE FOUNDATION PLAN. ANY VOLUNTARY MODIFICATIONS ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE CONTRACTOR'S BASE BID PRICE

KEYED NOTES:

3.1 4" THICK CAST-IN-PLACE CONCRETE SLAB-ON-GRADE REINFORCED WITH WWF 6x6xW2.9xW2.9 AT MID DEPTH, AND 4" MINIMUM COMPACTED GRANULAR BASE (TYPICAL AT INTERIOR OF BUILDING)

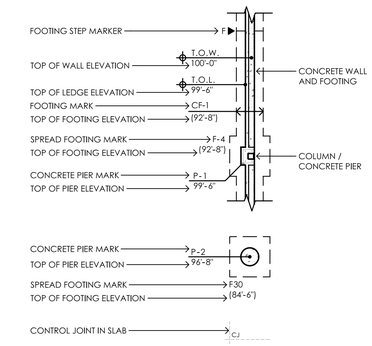
3.2 6" THICK CAST-IN-PLACE CONCRETE SLAB-ON-GRADE REINFORCED WITH WWF 6x6xW2.9xW2.9 AT MID DEPTH, AND 6" MINIMUM COMPACTED GRANULAR BASE (TYPICAL AT RAMP AND EXTERIOR LANDINGS)

3.3 PROVIDE 24" x 24" BENT DOWEL BARS AT TOP OF WALL TO CONCRETE PAVEMENT (SPACED AT 12' O/C) - SIMILAR TO DETAIL 4/S400

3.4 CONTRACTOR OPTION TO USE TYPICAL FOOTING / PIER INSTEAD OF 24" Ø DRILLED PIER (TYPICAL AT ALL COVERED PICNIC SHELTER COLUMN LOCATIONS) - SEE DETAIL 8/S400

31.3 3'-0" DEPTH MINIMUM FREE-DRAINING GRANULAR FILL WITH LESS THAN 5% PASSING NO. 200 SIEVE BELOW INTERIOR AND EXTERIOR SLAB

FOUNDATION LEGEND:



FOOTING SCHEDULE		
FOOTING MARK	FOOTING DIMENSIONS (W x L x H)	FOOTING REINFORCEMENT
CF-1	2'-0" x CONTIN. x 1'-0"	(2) #5 BARS LONGIT. CONTINUOUS
F46	4'-6" x 4'-6" x 1'-0"	(5) #5 BARS EACH WAY BOTTOM

CONCRETE PIER SCHEDULE		
PIER MARK	DIMENSIONS (W x L)	REINFORCEMENT
P-1	24" DIA. x 7'-0" DEEP WITH 36" DIA. BELL AT THE BOTTOM	(4) #5 BARS VERTICAL AND #4 TIES AT 12" O/C HORIZONTAL W/ 2 ADDITIONAL TIES AT TOP OF PIER - SEE DETAILS 6/S400 & 7/S400
P-2	1'-6" x 1'-6"	(4) #5 BARS VERTICAL AND #4 TIES AT 12" O/C HORIZONTAL W/ 2 ADDITIONAL TIES AT TOP OF PIER - SEE DETAIL 8/S400

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

MBJ
TEL: 507.529.5310
mbjeng.com
205 SOUTH BROADWAY
SUITE 300
ROCHESTER, MN 55904

PROJECT: BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE: 07/25/25
DRAWN BY: CLR
CHECKED BY: MWS
PROJECT No: 1620
DRAWING TITLE: FOUNDATION PLAN

SHEET No
S100

COLUMN SCHEDULE

MARK	SIZE
C-1	HSS 4x4x1/4" (HOT-DIP GALVANIZED)

BASE PLATE SCHEDULE

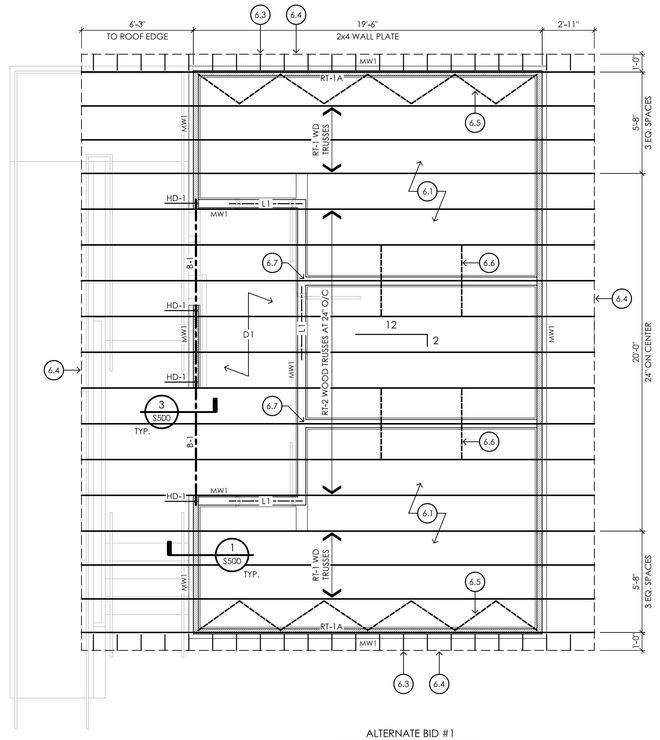
MARK	SIZE, ANCHORS
BP-1	3/4"x10"x0'-10" PL W/ (4) 3/4"Ø ANCHORS (6" EMBED DEPTH; USE ASTM F1554 GALVANIZED GRADE A36 THREADED ROD W/ HILTI HIT-HY 200 V3 EPOXY ADHESIVE) - SEE 10/S400

BEAM SCHEDULE

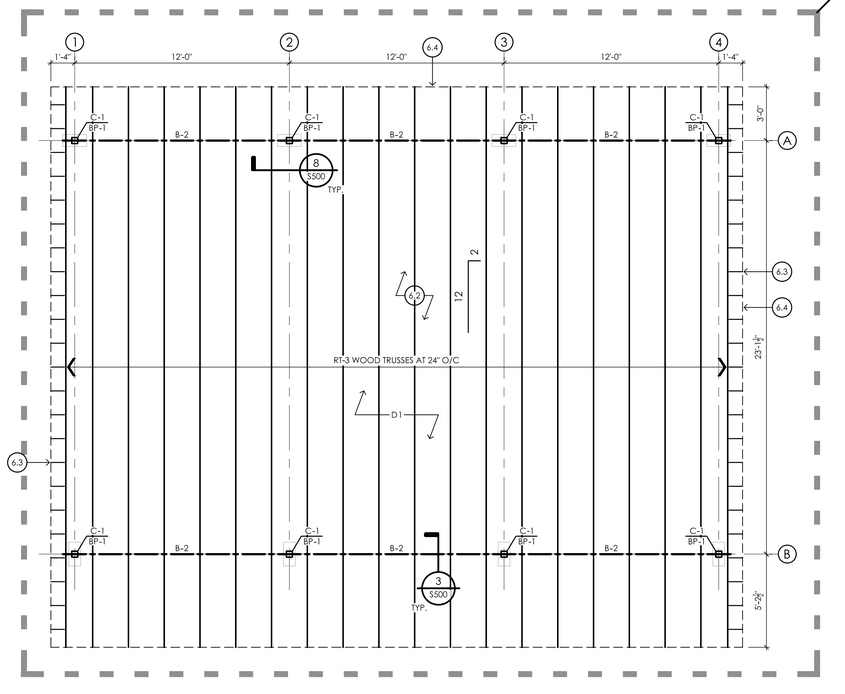
MARK	SIZE
B-1	(2) 1 3/4" x 11 1/4" 2.0E MICROLAM LVL
B-2	(3) 1 3/4" x 11 1/4" 2.0E MICROLAM LVL

HOLD-DOWN SCHEDULE

MARK	SIZE
HD-1	SIMPSON ABU46Z POST BASE W/ 5/8" GRADE A36 J-BOLT W/ 6" EMBED - SEE DETAIL 2/S500



ALTERNATE BID #1
ADD COVERED PICNIC SHELTER



1 S200 ROOF FRAMING PLAN
1/4" = 1'-0"

N

GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE TO COORDINATE ALL STRUCTURAL SYSTEMS WITH ARCHITECTURAL FINISHES, DETAILS, ETC.
2. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. PROVIDE CONSTRUCTION SHORING AND BRACING AS NECESSARY TO COMPLETE THE INSTALLATION OF ALL STRUCTURAL MEMBERS / FOOTINGS / ETC.
3. DIMENSIONS ON FRAMING PLANS ARE TAKEN FROM FACE OF FRAMING /MASONRY, UNLESS NOTED OTHERWISE
4. ALL STRUCTURAL STEEL SHALL BE HOT-DIP GALVANIZED
5. FOR LINTELS, REINFORCEMENT AND OTHER DETAILS FOR NON-LOAD BEARING CMU WALLS - SEE SHEET S/401

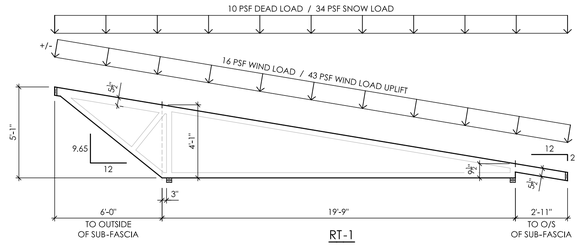
KEYED NOTES:

6.1 5/8" BDX PLYWOOD ROOF SHEATHING (TYPICAL AT RESTROOMS)
6.2 5/8" OSB ROOF SHEATHING (TYPICAL AT PICNIC SHELTER)
6.3 2x6 OUTRIGGERS AT 16" ON CENTER (TYPICAL)
6.4 CONTINUOUS 2x6 SUB-FASCIA BOARD (TYPICAL AT PERIMETER) - SEE DETAIL 7/S500 FOR SPLICE REQUIREMENTS
6.5 2x4 DIAGONAL BOTTOM CHORD BLOCKING - SEE DETAIL 4/S500
6.6 2x4 BOTTOM CHORD BLOCKING AT 4'-6 ± ON CENTER (3 EQUAL SPACES BETWEEN EXTERIOR WALLS) - SEE DETAIL 5/S500
6.7 PROVIDE (4) 10d NAILS AT TRUSS BOTTOM CHORD TO SILL PLATE (TYPICAL AT NON-LOAD BEARING WALLS) - SEE DETAIL 6/S500

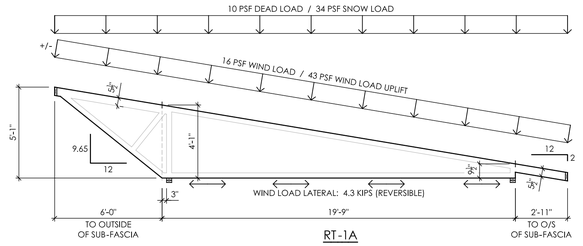
ROOF TRUSS LOADING NOTES:

DEAD LOAD: ..... 10 PSF
SNOW LOAD: ..... 34 PSF
WIND LOAD: ..... 16 PSF
WIND LOAD UPLIFT: ..... 43 PSF

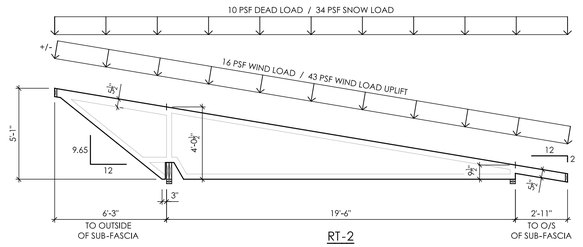
1. ALL WIND LOADS ARE PROVIDED AS STRENGTH LOADS USING ASCE7-10. A FACTOR OF 0.6 HAS NOT BEEN INCLUDED
2. ALL OTHER LOADS ARE GIVEN AS SERVICE LEVEL AND NO LOAD COMBINATIONS HAVE BEEN USED



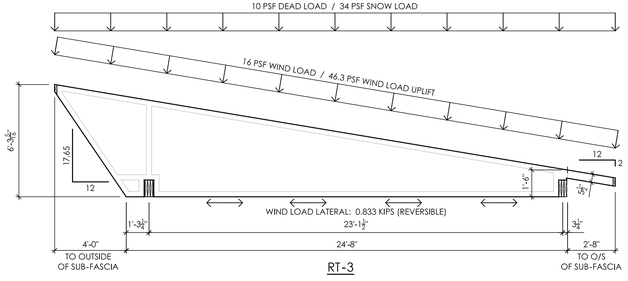
RT-1



RT-1A



RT-2



RT-3

2 S200 ROOF TRUSS TYPES
1/4" = 1'-0"

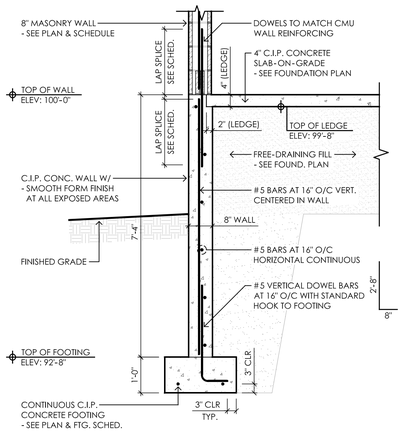
MBJ river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217
TEL: 507.529.5310
mbjerg.com
206 SOUTH BROADWAY
SUITE 300
ROCHESTER, MN 55904

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS

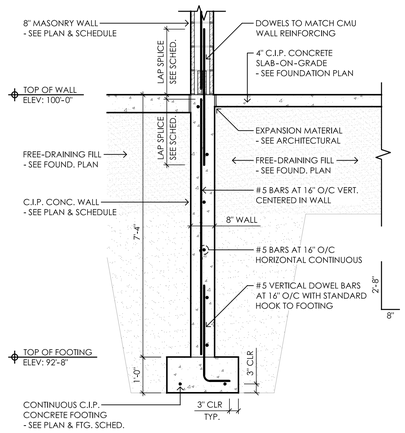
PROJECT No 1620
DRAWING TITLE ROOF FRAMING PLAN

SHEET No
S200



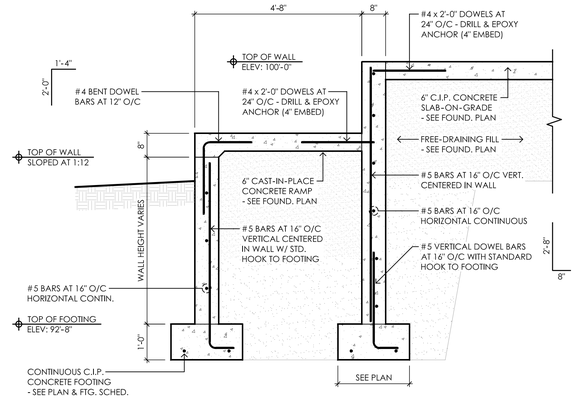
1 S400 CONC. WALL AND FOOTING SECTION

1/2" = 1'-0"



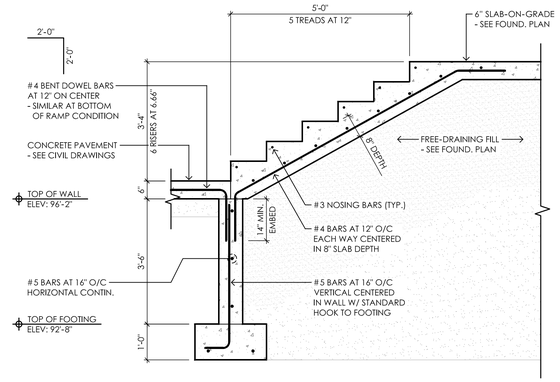
2 S400 CONC. WALL AND FOOTING SECTION

1/2" = 1'-0"



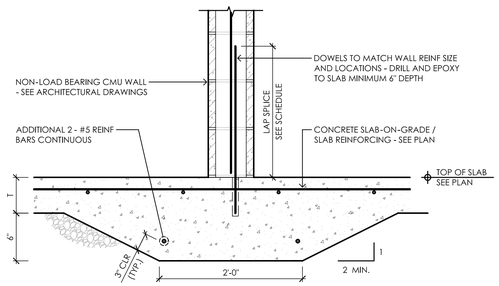
3 S400 CONCRETE RAMP, WALL AND FOOTING SECTION

1/2" = 1'-0"



4 S400 CONCRETE STAIR SECTION

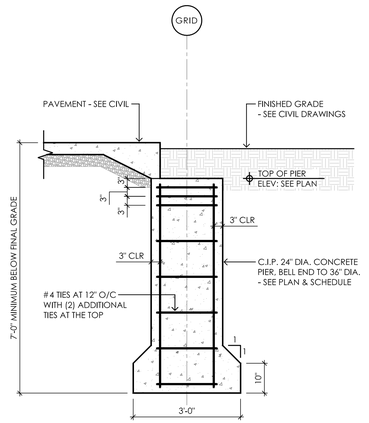
1/2" = 1'-0"



NOTES:
1. SEE NON-LOAD BEARING CMU WALL REINFORCING SCHEDULE FOR ADDITIONAL INFORMATION
2. THICKENED SLAB SHALL BE CENTERED ON CMU WALL LOCATIONS, UNLESS NOTED OTHERWISE
3. CONTRACTOR'S OPTION - PROVIDE CAST-IN HOOKED DOWELS IN LIEU OF DRILL & EPOXY DOWELS

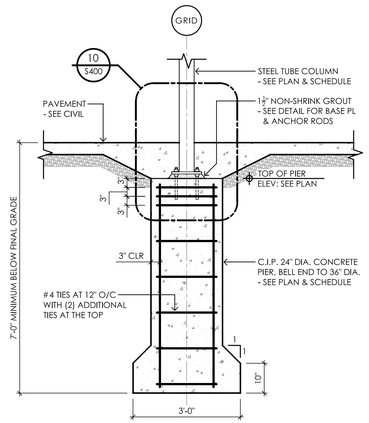
5 S400 TYPICAL THICKENED SLAB AT NON-LOAD BEARING CMU WALL

NO SCALE



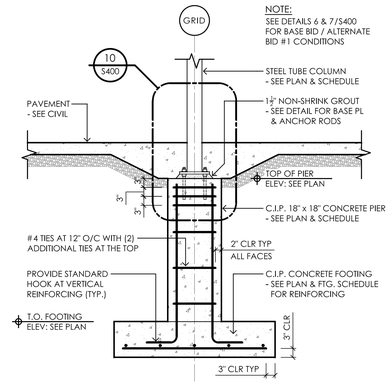
6 S400 CONC. PIER DETAIL - BASE BID CONDITION

1/2" = 1'-0"



7 S400 CONC. PIER DETAIL - ALT BID #1 CONDITION

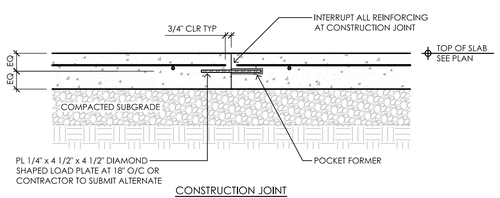
1/2" = 1'-0"

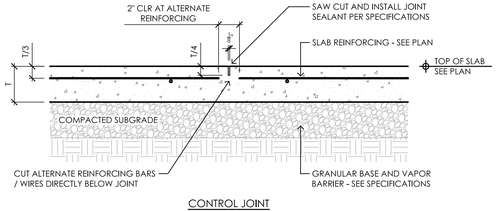


8 S400 CONC. PIER DETAIL - CONTRACTOR OPTION

1/2" = 1'-0"

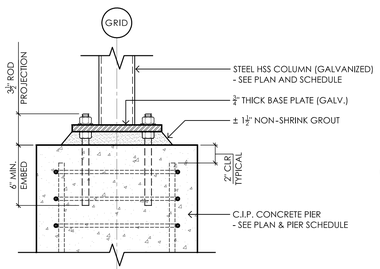
NOTES:
1. PROVIDE CHAIRS FOR SUPPORT OF REINFORCING
2. AT EXTERIOR SLAB ON GRADE LOCATIONS, VAPOR BARRIER IS NOT REQUIRED
3. PROVIDE DIAMOND SHAPED LOAD PLATE COMPLIANT WITH ACI 302.1 R

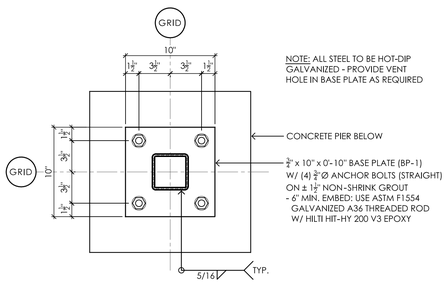




9 S400 TYPICAL SLAB ON GRADE CONSTRUCTION DETAILS

NO SCALE





10 S400 CONCRETE PIER / BASE PLATE BP-1 DETAILS

1 1/2" = 1'-0"

MBJ river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217
TEL: 507.529.5310
mbjeng.com
206 SOUTH BROADWAY
SUITE 300
ROCHESTER, MN 55904

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

PROJECT No 1620
DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS
DRAWING TITLE FOUNDATION DETAILS

SHEET No
S400

LOAD BEARING/EXTERIOR CMU WALL REINFORCING SCHEDULE

MARK	THICKNESS	REINFORCING				COMMENTS
		VERTICAL			HORIZ	
		CENTERED IN WALL	INSIDE FACE	OUTSIDE FACE	BOND BEAM	
MW1	8"	#4 AT 48" O/C	---	---	2 - #5 CONT	

REINFORCING SCHEDULE NOTES:
1. SEE TYPICAL CMU WALL DETAILS FOR ADDITIONAL INFORMATION
2. PROVIDE DOWELS AT FOUNDATION TO MATCH SIZE AND SPACING OF VERTICAL REINFORCING

1 S401 LOAD BEARING CMU WALL REINFORCING SCHEDULE
NO SCALE

CMU WALL LINTEL SCHEDULE

MARK	WALL TYPE	LINTEL DESCRIPTION	DETAIL	COMMENTS
L1	8" CMU	8" HIGH W/ 2 - #5 BOTTOM		

CMU REINFORCING BAR LAP SPLICE SCHEDULE: f'm = 2000 PSI

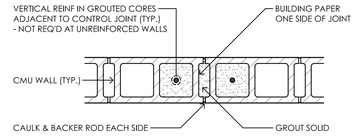
BAR SIZE	6" CMU	8" CMU		10" CMU		12" CMU	
	CASE 1	CASE 1	CASE 2	CASE 1	CASE 2	CASE 1	CASE 2
#3	14"	14"	15"	14"	14"	14"	14"
#4	21"	18"	25"	18"	24"	18"	22"
#5	32"	22"	39"	22"	37"	22"	35"
#6	---	38"	54"	35"	54"	35"	54"
#7	---	52"	---	40"	63"	40"	63"
#8	---	---	---	61"	---	53"	72"

LAP SPLICE SCHEDULE NOTES:
1. REINFORCING BAR LAP SPLICE SCHEDULE APPLIES TO UNCOATED, GRADE 60 REINFORCING BARS IN ASTM C90 HOLLOW UNITS
2. CASE 1: ONE BAR PER CELL LOCATED IN THE CENTER OF THE CELL
   CASE 2: ALL OTHER CONDITIONS, INCLUDING TWO BARS PER CELL AND SINGLE BARS NOT LOCATED IN THE CENTER OF THE CELL
3. FOR EPOXY COATED BAR, MULTIPLY THE ABOVE LENGTHS BY 1.5
4. MAXIMUM SPACING OF BARS BEING LAPPED IS ONE FIFTH THE LAP SPLICE LENGTH, NOT TO EXCEED 8"
5. REINFORCING BARS SHALL BE LAPPED IN THE SAME CMU CELL
6. ALL BARS MUST BE PLACED IN FULLY GROUTED CELLS OR BOND BEAMS

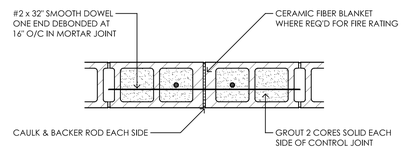
CASE 1
ONE BAR PER CELL LOCATED IN THE CENTER OF THE CELL

CASE 2
ALL OTHER CONDITIONS INCLUDING TWO BARS PER CELL AND SINGLE BARS NOT LOCATED IN THE CENTER OF THE CELL

3 S401 CMU REINFORCING BAR LAP SPLICE SCHEDULE
NO SCALE



CONTROL JOINT PLAN DETAIL OPTION



CONTROL JOINT PLAN DETAIL OPTION

NOTES:
1. SEE ARCHITECTURAL DRAWINGS, GENERAL STRUCTURAL NOTES, TYPICAL CMU WALL REINFORCING SCHEMATIC AND TYPICAL CMU WALL CONTROL JOINT THROUGH BOND BEAM DETAILS FOR CONTROL JOINT REQUIREMENTS AND LOCATIONS
2. TERMINATE HORIZONTAL JOINT REINFORCEMENT AT CONTROL JOINTS
3. DO NOT TERMINATE LINTEL REINFORCING AT CONTROL JOINTS

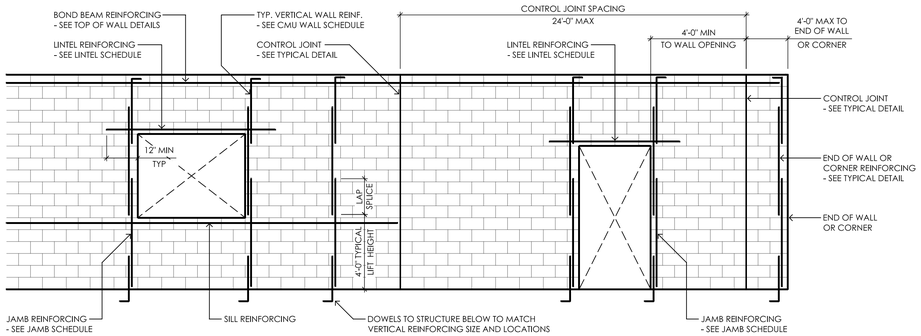
4 S401 TYPICAL CMU WALL CONTROL JOINT PLAN DETAILS
NO SCALE

NON-LOAD BEARING INTERIOR CMU WALL REINFORCING SCHEDULE

NOMINAL CMU WALL THICKNESS	WALL HEIGHT	REINFORCING									COMMENTS
		VERTICAL FIELD	WALL OPENING SIZE								
			≤ 4'-0"		≤ 8'-0"		≤ 12'-0"		≤ 16'-0"		
			LINTEL	JAMB	LINTEL	JAMB	LINTEL	JAMB	LINTEL	JAMB	
6"	≤ 12'-0"	UNREINFORCED	8" HIGH 1 - #4	8" WIDE, 1 - #4	8" HIGH 1 - #6	8" WIDE, 1 - #6	16" HIGH 1 - #4	16" WIDE, 4 - #4	24" HIGH 1 - #5	24" WIDE, 3 - #6	
	≤ 18'-0"	#4 AT 48" O/C		8" WIDE, 1 - #5		16" WIDE, 2 - #6		24" WIDE, 3 - #4		NOT PERMITTED	
8"	≤ 18'-0"	UNREINFORCED	8" HIGH 1 - #5	8" WIDE, 1 - #5	8" HIGH 2 - #5	8" WIDE, 1 - #5	16" HIGH 1 - #5	8" WIDE, 2 - #5	24" HIGH 2 - #5	16" WIDE, 4 - #5	
	≤ 24'-0"	#5 AT 48" O/C		8" WIDE, 1 - #5		8" WIDE, 2 - #5		16" WIDE, 4 - #5		16" WIDE, 4 - #5	
10"	≤ 22'-0"	UNREINFORCED	8" HIGH 1 - #5	8" WIDE, 1 - #5	8" HIGH 2 - #5	8" WIDE, 1 - #5	16" HIGH 1 - #5	8" WIDE, 2 - #5	24" HIGH 2 - #5	16" WIDE, 4 - #5	
	≤ 30'-0"	#5 AT 48" O/C		8" WIDE, 2 - #5		8" WIDE, 2 - #5		16" WIDE, 4 - #5		16" WIDE, 4 - #5	
12"	≤ 28'-0"	UNREINFORCED	8" HIGH 1 - #5	8" WIDE, 1 - #5	8" HIGH 2 - #5	8" WIDE, 2 - #5	16" HIGH 2 - #5	8" WIDE, 2 - #5	24" HIGH 2 - #5	16" WIDE, 4 - #5	
	≤ 36'-0"	#5 AT 48" O/C		8" WIDE, 2 - #5		8" WIDE, 2 - #5		16" WIDE, 4 - #5		16" WIDE, 4 - #5	
16"	≤ 36'-0"	UNREINFORCED	8" HIGH 1 - #5	8" WIDE, 1 - #5	8" HIGH 2 - #5	8" WIDE, 2 - #5	16" HIGH 2 - #5	8" WIDE, 2 - #5	NOT PERMITTED		
	≤ 48'-0"	#5 AT 48" O/C		8" WIDE, 2 - #5		8" WIDE, 2 - #5		8" WIDE, 4 - #5			

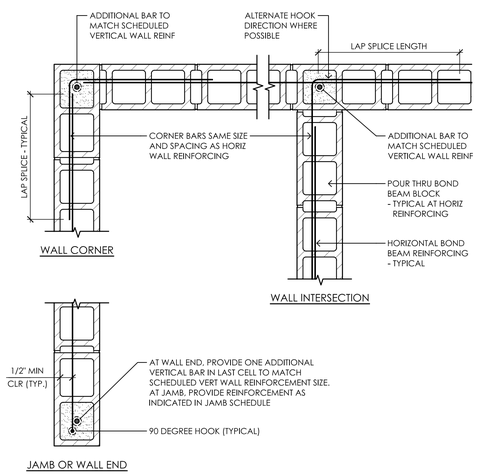
REINFORCING SCHEDULE NOTES:
1. WALL HEIGHT INDICATES MAXIMUM ALLOWABLE VERTICAL CLEAR DISTANCE BETWEEN POINTS OF CONTINUOUS LATERAL WALL SUPPORT
2. VERTICAL REINFORCEMENT SHALL BE LOCATED IN THE CENTER OF THE WALL
3. CMU LINTELS SHALL BE GROUTED SOLID WITH A MINIMUM OF 2" BOTTOM COVER TO REINFORCING
4. PROVIDE 8" BEARING ON JAMBS AT EACH END OF CMU LINTELS
5. JAMB REINFORCING SPECIFIED SHALL BE EVENLY DISTRIBUTED ALONG THE JAMB WIDTH. AT LOCATIONS WITH 2 BARS PER CELL, BARS SHALL BE PLACED PER CASE 2 OF THE CMU REINFORCING BAR LAP SPLICE SCHEDULE
6. SEE PLANS AND ELEVATIONS FOR LOCATIONS AND SIZES OF INTERIOR NON-LOAD BEARING CMU WALLS
7. SEE TYPICAL CMU WALL DETAILS FOR ADDITIONAL INFORMATION

2 S401 NON-LOAD BEARING CMU WALL REINFORCING SCHEDULE
NO SCALE



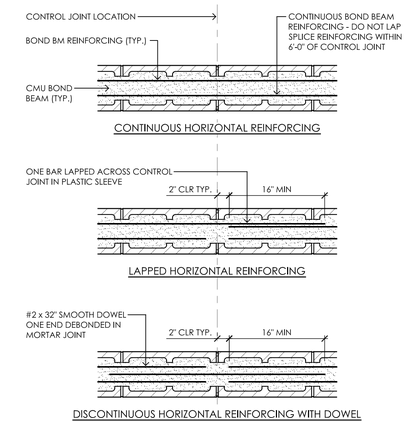
REINFORCING NOTES:
1. JAMB AND END OF WALL REINFORCING SHALL BE FULL HEIGHT OF WALL AND SHALL BE IN ADDITION TO TYPICAL VERTICAL WALL REINFORCING
2. PROVIDE CONTROL JOINTS TO MEET SPACING REQUIREMENTS SHOWN AND AT LOCATIONS WHERE CHANGES IN WALL HEIGHT OCCUR, WHERE CHANGES IN WALL THICKNESS OCCUR, AND WHERE MOVEMENT JOINTS IN THE FLOOR ABOVE AND / OR BELOW OCCUR
3. SEE ARCHITECTURAL DRAWINGS FOR WALL OPENINGS & CONTROL JOINT LOCATIONS NOT SHOWN ON STRUCTURAL DRAWINGS
4. PROVIDE CLEANOUT AT BOTTOM COURSE FOR GROUT POURS GREATER THAN 5'-0" HIGH
5. SILL REINFORCING SHALL BE LADDER JOINT REINFORCING IN THE FIRST OR SECOND MORTAR JOINT BELOW THE SILL OR A REINFORCED BOND BEAM. SILL REINFORCING SHALL EXTEND BETWEEN CONTROL JOINTS
6. SEE NON-LOAD BEARING CMU WALL REINFORCING SCHEDULE FOR LINTEL AND JAMB REINFORCING REQUIRED AT NON-LOAD BEARING INTERIOR WALLS

5 S401 TYPICAL CMU WALL REINFORCING SCHEMATIC
NO SCALE



NOTES:
1. GROUT CORES SOLID AT VERTICAL AND HORIZONTAL REINFORCING LOCATIONS
2. AT UNREINFORCED WALLS, PROVIDE #5 VERTICAL BARS AT WALL ENDS, CORNERS AND INTERSECTIONS

6 S401 TYPICAL CMU WALL REINF PLAN DETAILS
NO SCALE



NOTES:
1. SEE ARCHITECTURAL DRAWINGS, GENERAL STRUCTURAL NOTES, TYPICAL CMU WALL REINFORCING SCHEMATIC AND TYPICAL CMU WALL CONTROL JOINT DETAILS FOR CONTROL JOINT REQUIREMENTS AND LOCATIONS
2. PROVIDE CONTINUOUS HORIZONTAL BOND BEAM REINFORCING THROUGH CONTROL JOINTS AT FLOOR AND ROOF LEVELS, AND AS OTHERWISE INDICATED FOR CMU WALLS SHOWN ON THE STRUCTURAL DRAWINGS
3. PROVIDE LAPPED OR DISCONTINUOUS HORIZONTAL BOND BEAM REINFORCING AT CONTROL JOINTS UNLESS NOTED OTHERWISE FOR CMU WALLS NOT SHOWN ON THE STRUCTURAL DRAWINGS

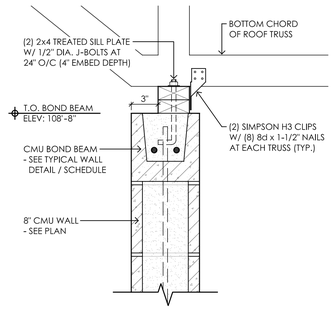
7 S401 TYP CMU WALL CONTROL JOINT THRU BOND BEAM PLAN DETAILS
NO SCALE

river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217
MBJ
TEL: 507.529.5310
mbjeng.com
206 SOUTH BROADWAY
SUITE 300
ROCHESTER, MN 55904

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

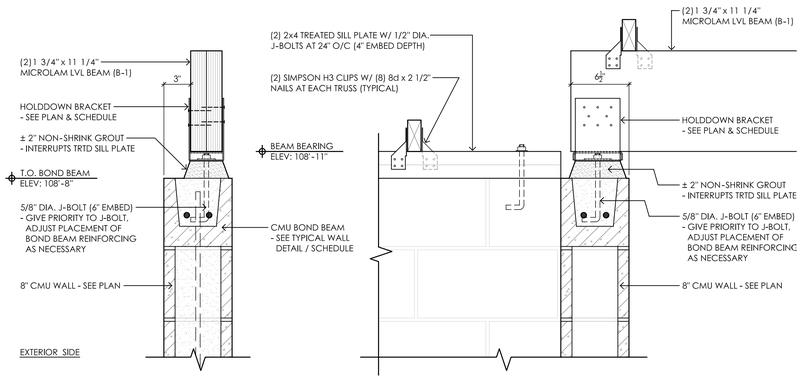
PROJECT No 1620
DATE 07/25/25
DRAWING TITLE MASONRY WALL SCHEDULES & TYPICAL DETAILS
DRAWN BY CLR
CHECKED BY MWS

SHEET No
S401



1 S500 RAFTER CONNECTION DETAIL

1 1/2" = 1'-0"

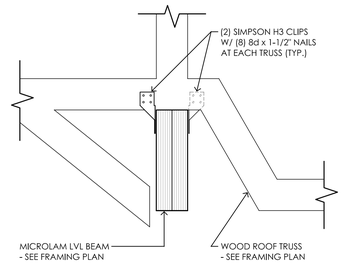


BEAM TO WALL SECTION

BEAM TO WALL ELEVATION AT CORNER CONDITION

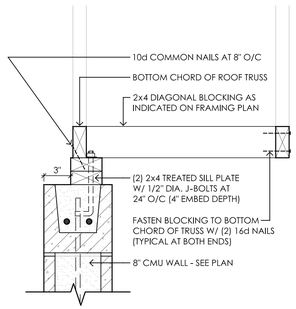
2 S500 BEAM TO WALL CONNECTION AT HD-1

1 1/2" = 1'-0"



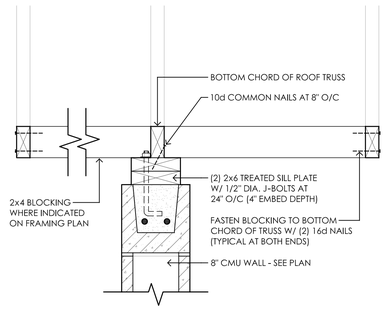
3 S500 TYPICAL TRUSS OVER WOOD LVL BEAM DETAIL

1 1/2" = 1'-0"



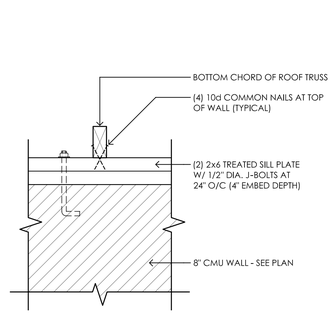
4 S500 DRAG STRUT TRUSS TO SILL PLATE CONNECTION

1 1/2" = 1'-0"



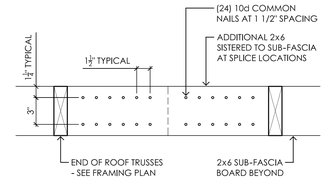
5 S500 BRACING AT NON-LOAD BEARING CMU (PARALLEL)

1 1/2" = 1'-0"



6 S500 BRACING AT NON-LOAD BEARING CMU (PERP)

1 1/2" = 1'-0"

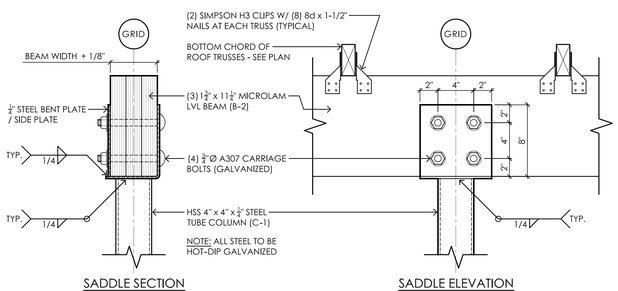


NOTES:

1. SUB-FASCIA BOARD ON THE COVERED PICNIC SHELTER REQUIRES A TOTAL OF 8 FASTENERS PLACED IN THE SAME FASHION

7 S500 TYPICAL SUB-FASCIA SPLICE NAILING DETAIL

1 1/2" = 1'-0"



8 S500 BEAM SADDLE AT PICNIC SHELTER

ALTERNATE BID #1

1 1/2" = 1'-0"

DIAPHRAGM SCHEDULE

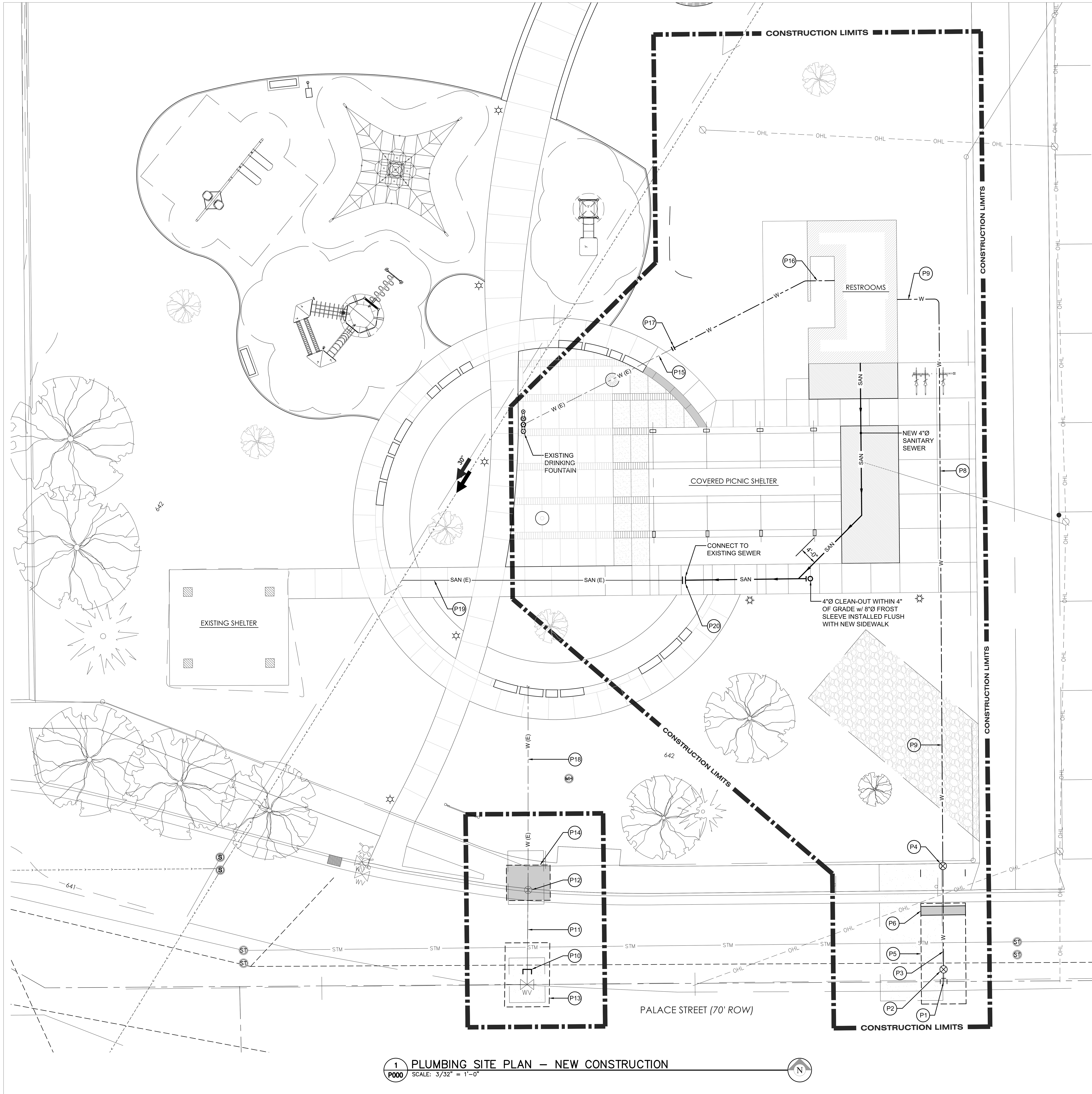
MARK	MINIMUM SHEATHING THICKNESS	MAXIMUM FASTENER PENETRATION INTO FRAMING MEMBER	FASTENER TYPE / SIZE	PANEL EDGE FASTENER SPACING	FASTENER SPACING AT DIAPHRAGM BOUNDARIES	FASTENER SPACING AT INTERMEDIATE SUPPORTS	COMMENTS
D1	5/8"	1-1/4"	6D	6"	6"	12"	UNBLOCKED

river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217
MBJ
TEL: 507.529.5310
mbjeng.com
206 SOUTH BROADWAY
SUITE 300
ROCHESTER, MN 55904

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

PROJECT No 1620
DATE 07/25/25
DRAWN BY CLR
CHECKED BY MWS
DRAWING TITLE STRUCTURAL DETAILS

SHEET No
S500



1 P000 PLUMBING SITE PLAN – NEW CONSTRUCTION
SCALE: 3/32" = 1'-0"

PLUMBING SITE PLAN "KEYED" NOTES:

P1 Make a new 2 inch water service connection to the existing municipal water main per the City of La Crosse requirements.

P2 Provide and install new corporation cock at the main connection per City of La Crosse requirements.

P3 New 2 inch water service to building. Use material per City of La Crosse direction and regulation. Where options exist, use HDPE IPS.

P4 At this approximate location, provide and install a curb stop with valve box per City of La Crosse requirements. Verify preferred location with City of La Crosse.

P5 The Plumbing Contractor is responsible for all street demolition, excavation, backfill and compaction and replacement of permanent paving. Comply with City of La Crosse requirements and all Standards. Assume that new paving will be concrete unless directed otherwise by the City of La Crosse.

P6 The Plumbing Contractor is responsible for all curb, gutter and sidewalk demolition, excavation, backfill and compaction and replacement of permanent paving. Comply with City of La Crosse requirements and all Standards.

P7 (Not Used.)

P8 New 2 inch water service installed 7'-0" below finished grade. The Plumbing Contractor is responsible for all excavation, backfill and compaction. Backfill with machine assist at 8 inch lifts using excavated materials. Do not backfill with rock or debris. The General Contractor will restore the site and provide all new site paving.

P9 New 2 inch water service installed 7'-0" below finished grade. The Plumbing Contractor is responsible for all excavation, backfill and compaction. Backfill with machine assist at 8 inch lifts using excavated materials. Do not backfill with rock or debris. Over-fill by 2 inches and grade smooth. The General Contractor will seed or sod this area.

P10 Cap the existing water service directly at the municipal main per City of La Crosse direction.

P11 Abandon this water lateral if allowed by the City of La Crosse, or remove if directed by the City.

P12 Remove the existing curb stop, valve box and related accessories.

P13 The Plumbing Contractor is responsible for all street demolition, excavation, backfill and compaction and replacement of permanent paving as necessary to cap the abandoned water service. Comply with City of La Crosse requirements and all Standards. Assume that new paving will be concrete unless directed otherwise by the City of La Crosse.

P14 The Plumbing Contractor is responsible for all curb, gutter and sidewalk demolition, excavation, backfill and compaction and replacement of permanent paving. Comply with City of La Crosse requirements and all Standards.

P15 An existing 3/4 inch HDPE water supply is located at this approximate location to serve the existing drinking fountain. Salvage all piping as best possible.

P16 Extend a new 3/4 inch HDPE, NSF-approved, water supply line from the new building. Ensure there is an isolation valve and an air-access valve on this water supply.

P17 Splice the existing and new water supply lines below grade with yellow brass insert fitting and stainless steel clamps. Install a treated wood stake at the splice location and cut off the stake 2 inches below finished grade. The water supply is currently visible above grade.

P18 The existing water supply to the removed building will be abandoned in place.

P19 Approximate location of existing sanitary sewer lateral to existing shelter building. Verify exact location and size of existing pipe after site demolition (by others).

P20 The intent is to connect to the existing sanitary sewer lateral and re-use such for the new building. Report adverse pipe conditions or inadequate depth to the Engineer.

GENERAL PIPING

- DIRECTION OF FLOW / PIPE DESIGNATION
- 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
- SAFETY(S), RELIEF(R)
- HOSE BIBB DRAIN
- REDUCED PRESSURE ZONE BACKFLOW PREVENTER

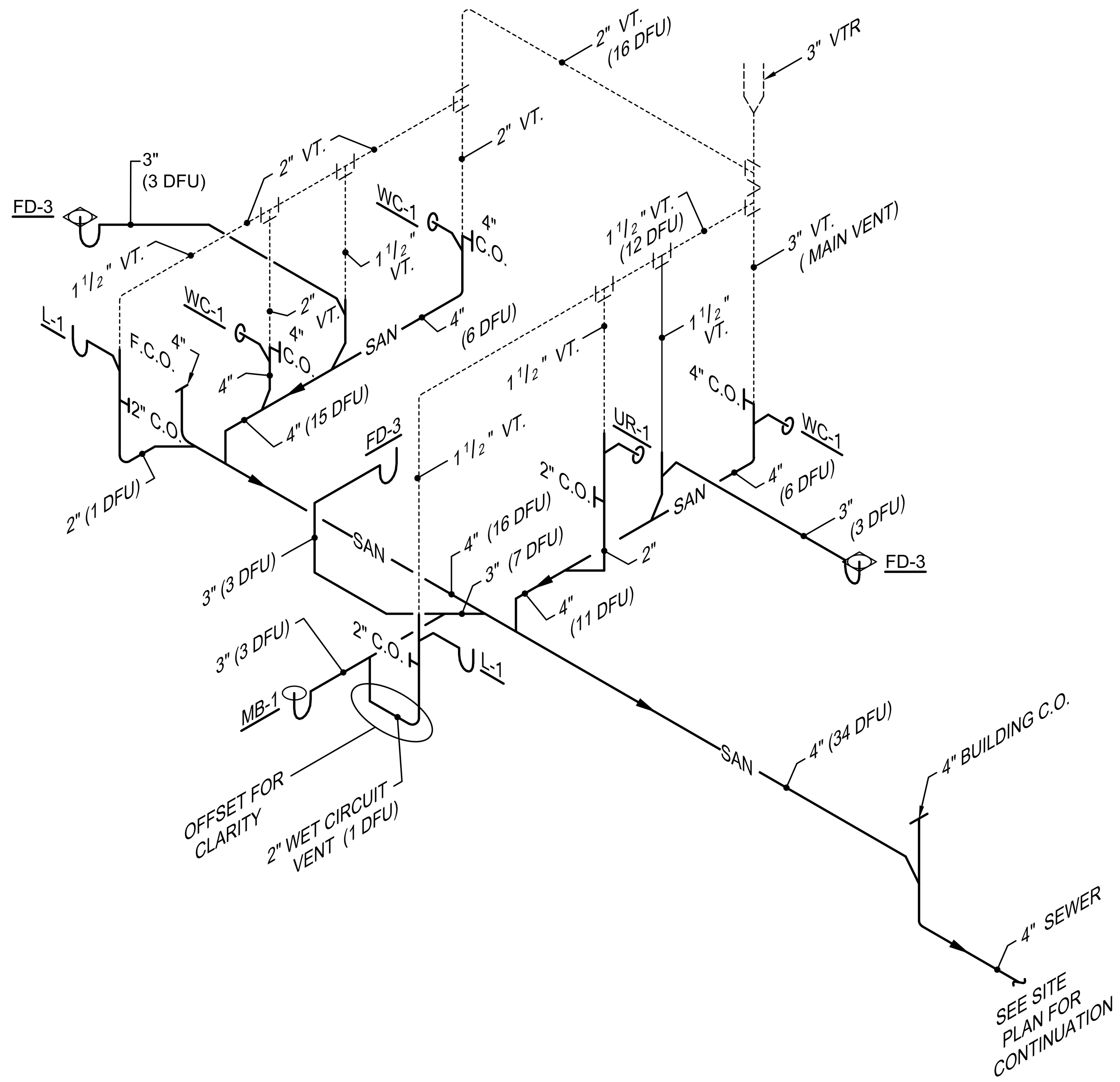
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

galileo GROUP

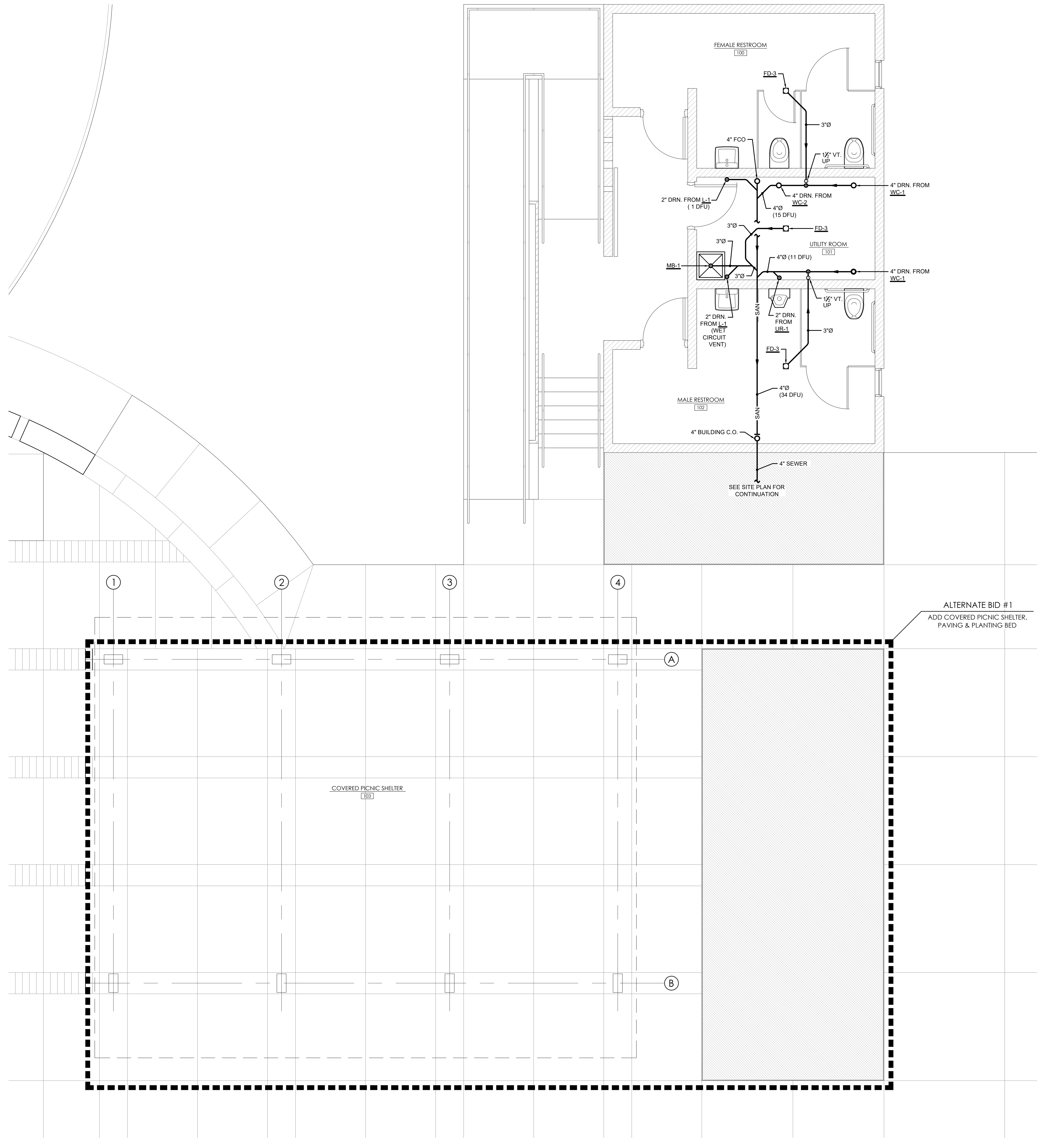
PROJECT
BADGER-HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY GALILEO
CHECKED BY GALILEO
PROJECT No 1620
DRAWING TITLE PLUMBING SITE PLAN DEMOLITION & PLUMBING SYMBOLS

SHEET No
P000



2 P100 DRAIN AND VENT ISOMETRIC
SCALE: NONE



1 P100 UNDER FLOOR PLAN – SANITARY DRAINAGE
SCALE: 1/4" = 1'-0"

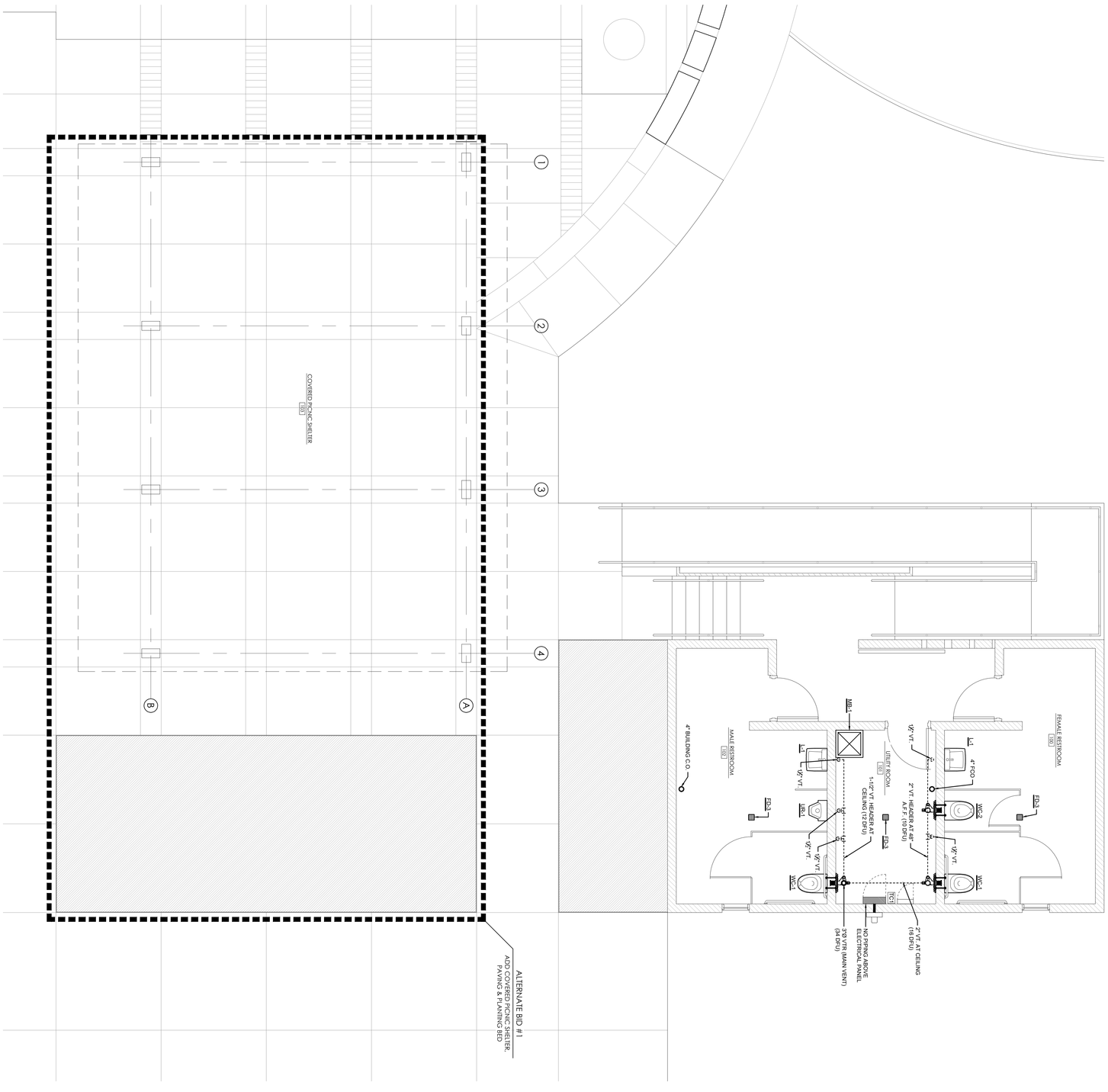
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

galileo GROUP

PROJECT
BADGER-HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY GALILEO
CHECKED BY GALILEO
PROJECT No 1620
DRAWING TITLE
UNDERFLOOR SANITARY DRAINAGE PLAN

SHEET No
P100



1 P101 FIRST FLOOR PLAN – SANITARY DRAINAGE AND VENT
SCALE: 1/4" = 1'-0"

N

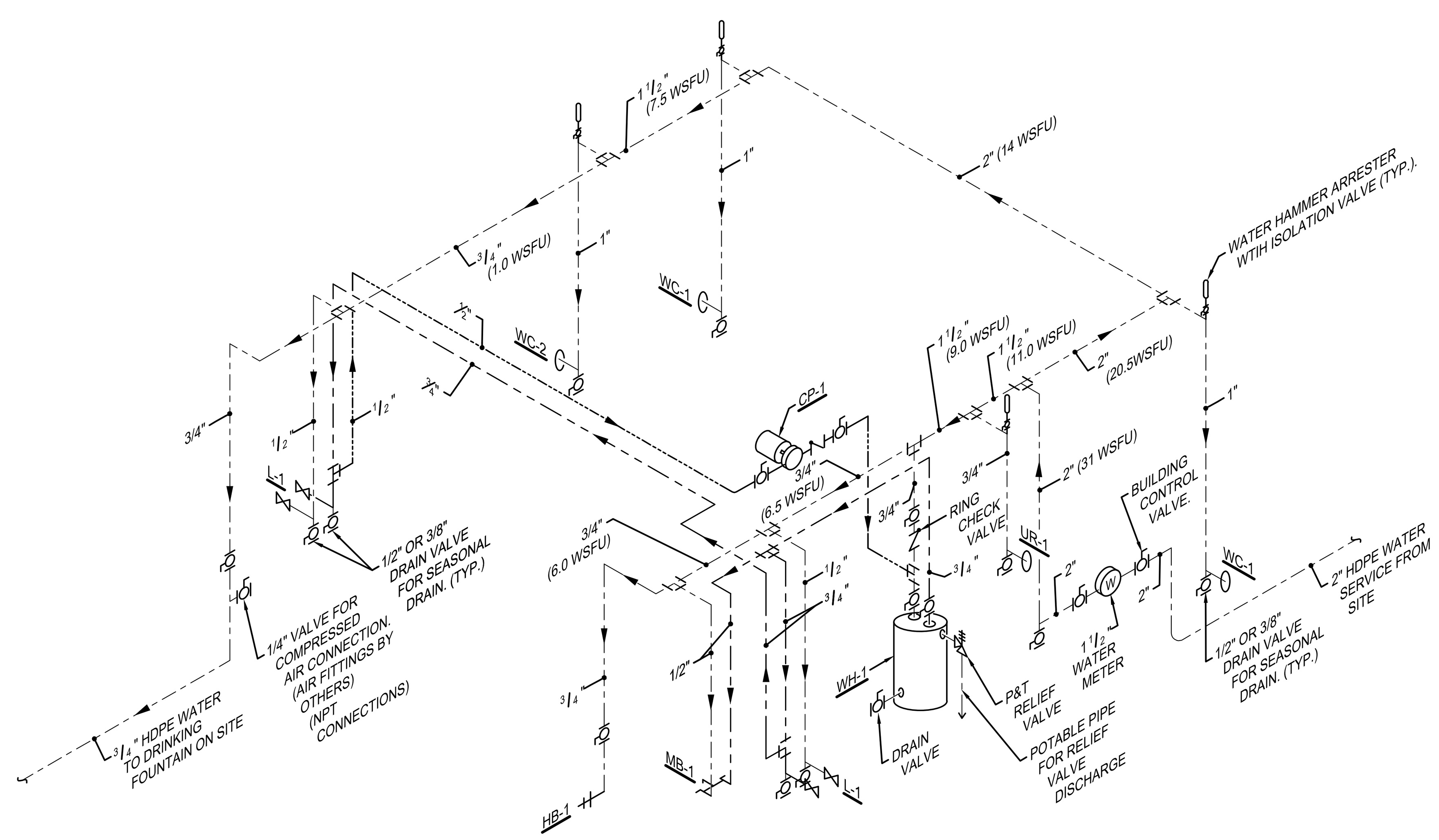
SHEET No. **P101**

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

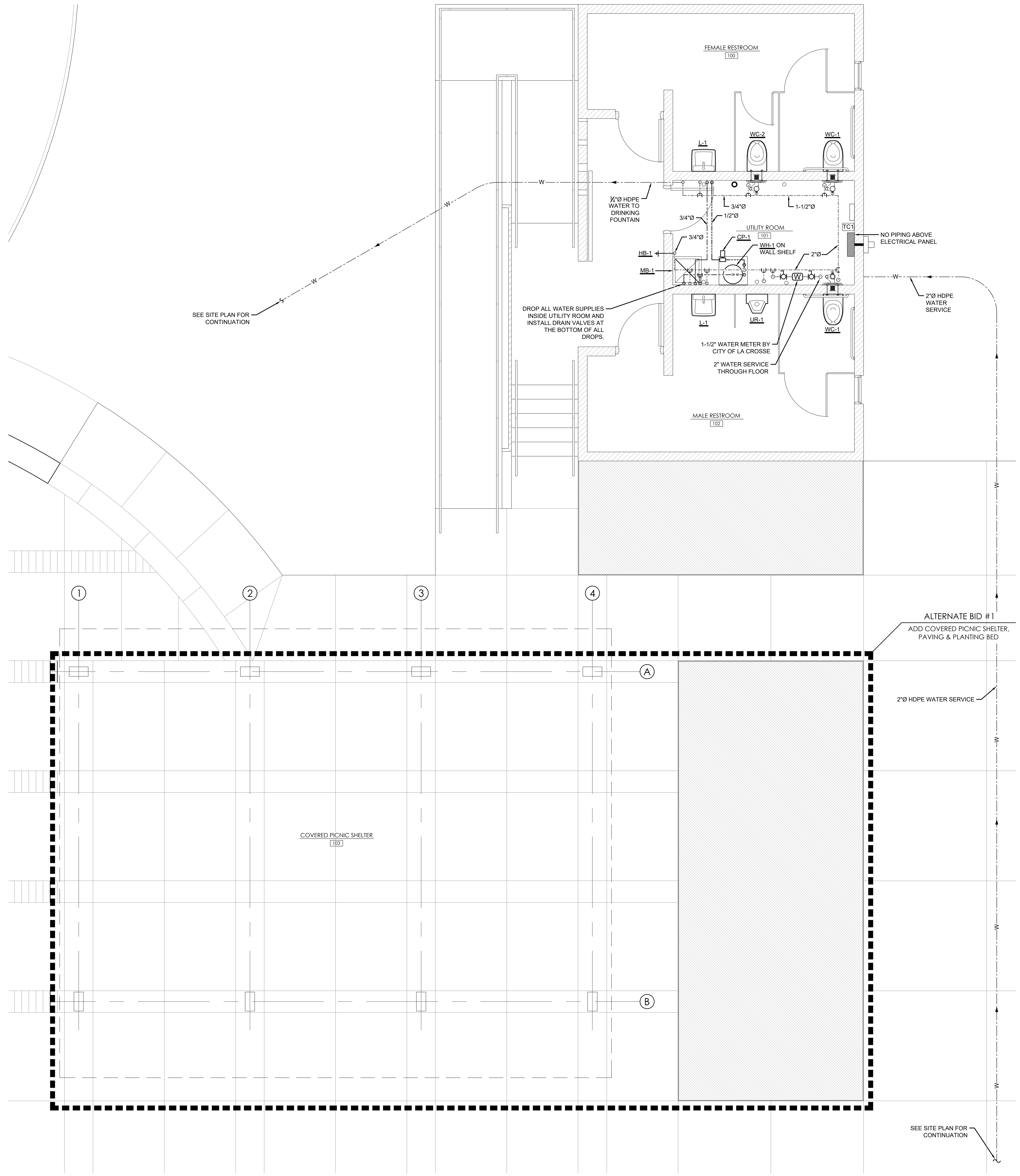
DATE 07/25/25
DRAWN BY GALILEO
CHECKED BY GALILEO
PROJECT No 1620
DRAWING TITLE
FIRST FLOOR SANITARY DRAINAGE AND VENT PLAN

galileo GROUP
2045 32nd STREET SOUTH
LACROSSE, WISCONSIN 54601
PHONE: (608) 787-5266
EMAIL: info@galileo-group.us

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



2 WATER DISTRIBUTION ISOMETRIC
P102 SCALE: NONE



1 FIRST FLOOR PLAN – DOMESTIC WATER
P102 SCALE: 1/4" = 1'-0"

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

galileo GROUP

PROJECT
BADGER-HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY GALILEO
CHECKED BY GALILEO

PROJECT No 1620
DRAWING TITLE
FIRST FLOOR DOMESTIC WATER PLAN & ISOMETRIC

SHEET No
P102

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	EJC-10	Electrical	(None)	1.65 KW	8 GPH	No		16"	18.25"	10 Gallons	13.8	20.0	120/1/60	A, B	1, 2, 3

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 6 year warranty on heater.
3. Provide a Holdrite Model #40-SWHP-W Wall-mounted Water Heater Platform.

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.

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** B26-AL Fully-recessed wall hydrant with hinged Anodized Aluminum wall box in Anodized Aluminum finish and tee key lock. Automatic draining. Loose key operator. Provide with vacuum breaker.	Anodized Aluminum	3/4" CW	Non-removable, backflow preventer with standard hose thread outlet.	A

ACCESSORIES:

REMARKS:
A. This box will be cast into a concrete foundation wall. Water supply must make a horizontal connection to the wall box.

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 Moel 835-369CP** Wall-mounted mop basin faucet suitable for water supplies to be routed exposed up interior wall and NOT concealed in wall cavity, chrome-plated finish, standard lever operators.	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	
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
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.

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
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY GALILEO
CHECKED BY GALILEO
PROJECT No 1620
DRAWING TITLE
EQUIPMENT SCHEDULES

SHEET No
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-140-VG	Sanitary Exhaust	See Drawings	1,300	0.125"	Downdraft	18.5" x 18.5"	860	14"	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	9S80-H	Exhaust	14" x 12"	16" x 14''10'	<.05"	<20	---	---	Single Deflection Blades 3/4" o.c. at 0 degree angle	Stainless Steel	Stainless Steel	Yes		

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

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	3.0 PCF					X	

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	

LOUVERS

MARK	MANUFACTURER'S MODEL NO.	SERVING	DIMENSIONS IN INCHES			FREE AREA (SQ. FT.)	APPLICATION	CFM	MAX P.D. "	CONSTRUCTION	ACCESSORIES/ OPTIONS	REMARKS
			WIDTH	HEIGHT	DEPTH							
L-1	EME-420-DD	Make-up Air to Toilet Rooms	24"	28"	4"	1.52	Transfer	650	0.05"	Aluminum	1, 2, 3, 5	A
L-2	EME-420-DD	Make-up Air to Toilet Rooms	24"	28"	4"	1.52	Transfer	650	0.05"	Aluminum	1, 2, 3, 5	A

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

ACCESSORIES/OPTIONS:
1. Bird Screen
2. Insect Screen
3. Channel Frame
4. Flange Frame
5. Extended Sill
6. Filter Rack
7. Subframe and Removeable Core
8. Security Bars

REMARKS:
A. Provide louver with baked enamel painted finish - color choice by Architect from manufacturer's standard colors.

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
- TS — 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

- 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)
- 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

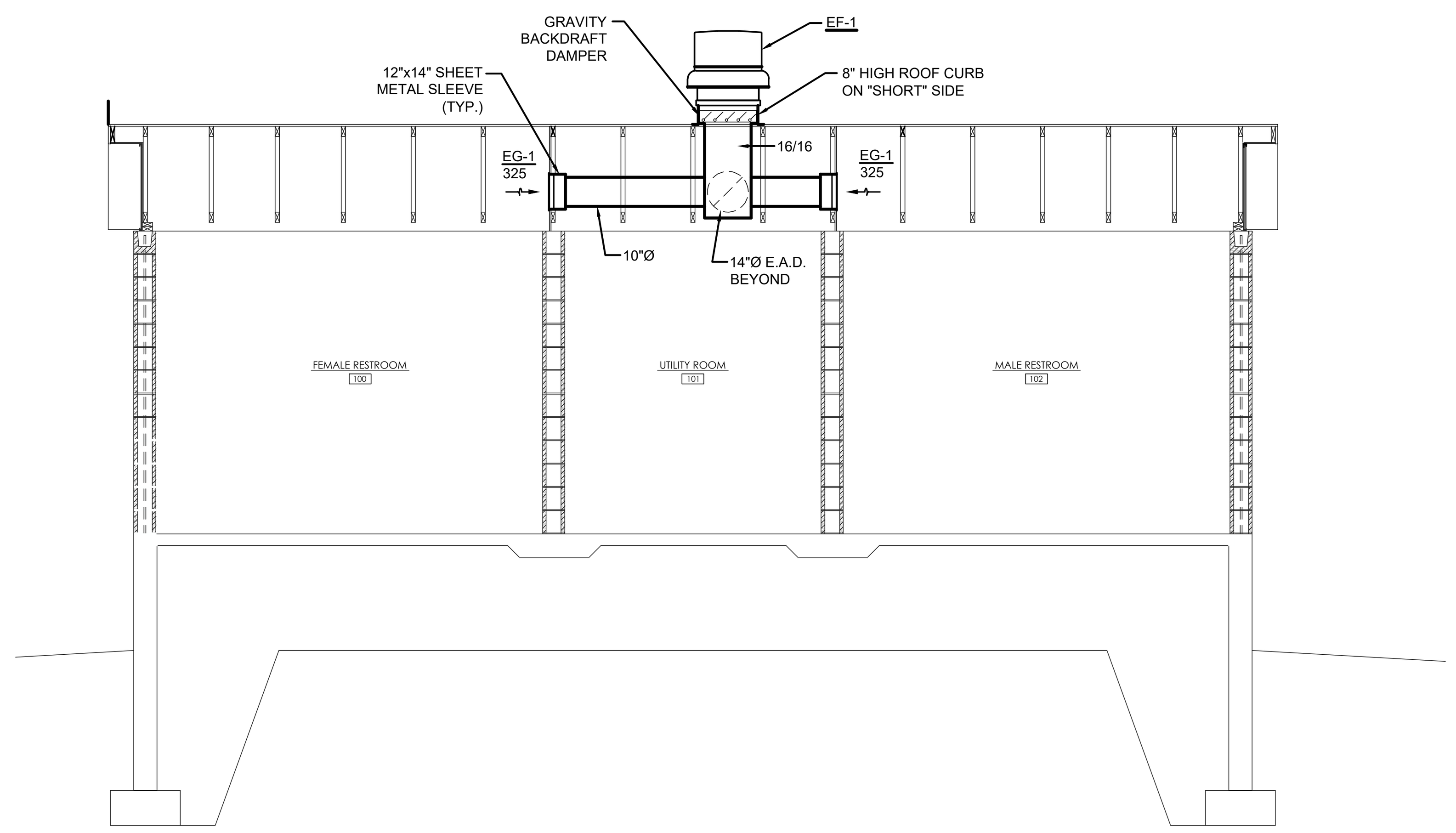
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

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

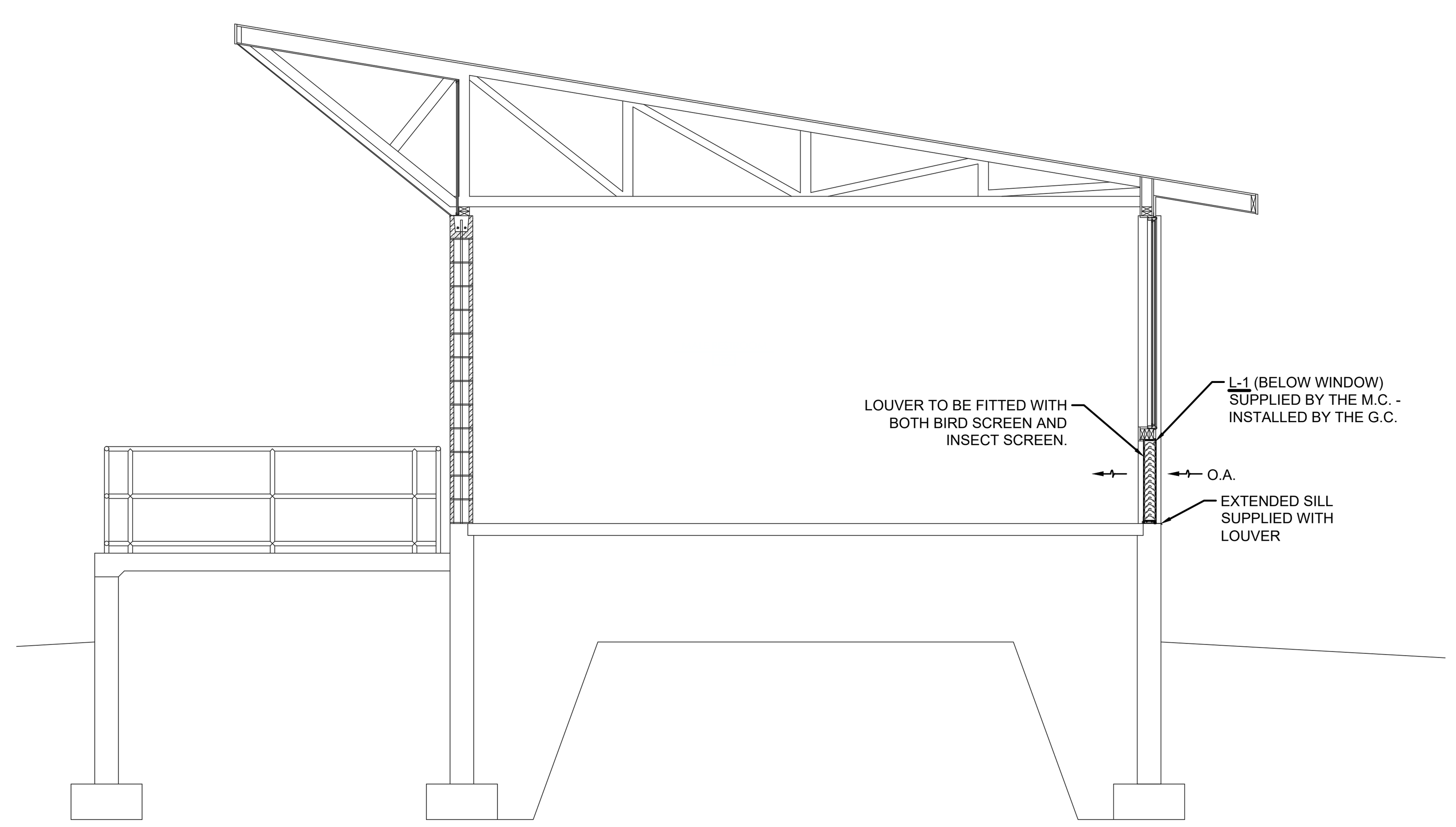
PROJECT
BADGER-HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY GALILEO
CHECKED BY GALILEO
PROJECT No 1620
DRAWING TITLE MECHANICAL SCHEDULES AND SYMBOLS

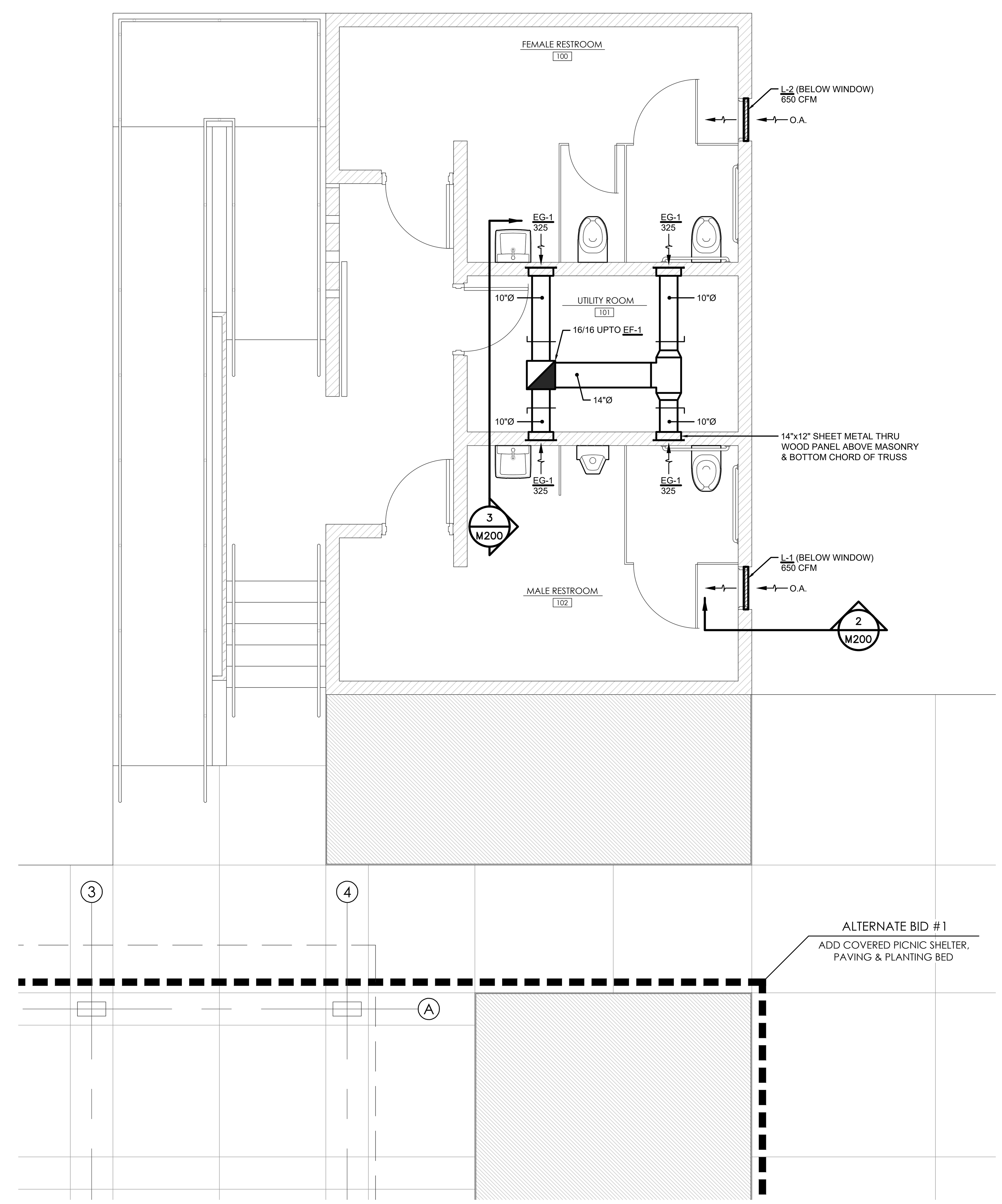
SHEET No
M100



3 EXHAUST FAN SECTION
M200 SCALE: 1/4" = 1'-0"



2 LOUVER SECTION
M200 SCALE: 1/4" = 1'-0"



1 FIRST FLOOR PLAN
M200 SCALE: 1/4" = 1'-0"

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

galileo GROUP

PROJECT
BADGER-HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY GALILEO
CHECKED BY GALILEO
PROJECT No 1620
DRAWING TITLE MECHANICAL PLANS AND DETAILS

SHEET No
M200

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

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

LIGHTING

- RECESSED FLUORESCENT FIXTURE. SEE LIGHTING FIXTURE SCHEDULE. 'A' INDICATES FIXTURE TYPE. 'b' INDICATES SWITCH CONTROL
- SURFACE FLUORESCENT FIXTURE SEE LIGHTING FIXTURE SCHEDULE. 'A' INDICATES FIXTURE TYPE. 'b' INDICATES SWITCH CONTROL
- WALL BRACKET LIGHTING FIXTURE SEE LIGHTING FIXTURE SCHEDULE 'A' INDICATES FIXTURE TYPE
- SURFACE-MOUNTED FIXTURE-SEE LIGHTING FIXTURE SCHEDULE FOR DECRIPTION AND MANUFACTURER 'A' INDICATES FIXTURE TYPE
- PENDANT-MOUNTED LIGHTING FIXTURE 'A' INDICATES FIXTURE TYPE
- RECESS-MOUNTED DOWNLIGHT-SEE LIGHTING FIXTURE SCHEDULE FOR DECRIPTION AND MANUFACTURER 'A' INDICATES FIXTURE TYPE
- RECESSED WALL-WASH OR SPOTLIGHTING FIXTURE, DIRECTION AS INDICATED BY ARROW 'A' INDICATES FIXTURE TYPE
- WALL MOUNTED FIXTURE-SEE FIXTURE SCHEDULE 'A' INDICATES FIXTURE TYPE
- POLE MOUNTED LIGHT FIXTURE
- FLUORESCENT STRIP FIXTURE 'A' INDICATES FIXTURE TYPE
- TL — TRACK LIGHTING FIXTURE WITH NUMBER OF FIXTURES INDICATED.
- 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

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

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

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

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

MISCELLANEOUS

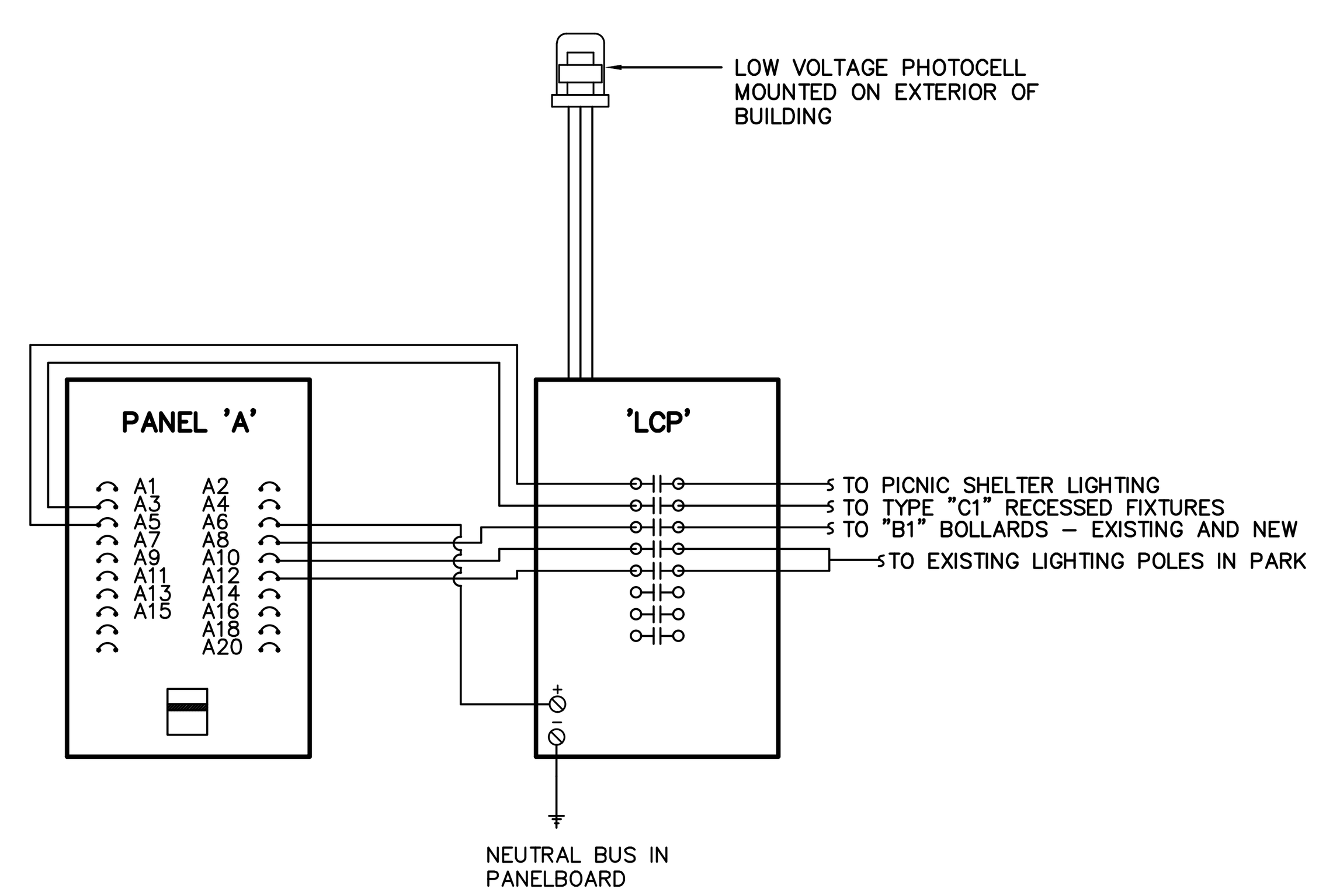
- EQUIPMENT CONNECTION POINT: SEE MOTOR & EQUIPMENT SCHEDULE
- NC — NURSE CALL
- NC ES PS — NURSE CALL – EMERGENCY STATION/PULL STRING
- DL DT — NURSE CALL DOME LIGHT DT = DUTY TONE STATION
- HANDICAPPED ACCESSIBLE DOOR OPERATOR CONTROL BUTTON
- RS — ROOM STATUS SYSTEM INDICATOR

DATA AND COMMUNICATION EQUIPMENT

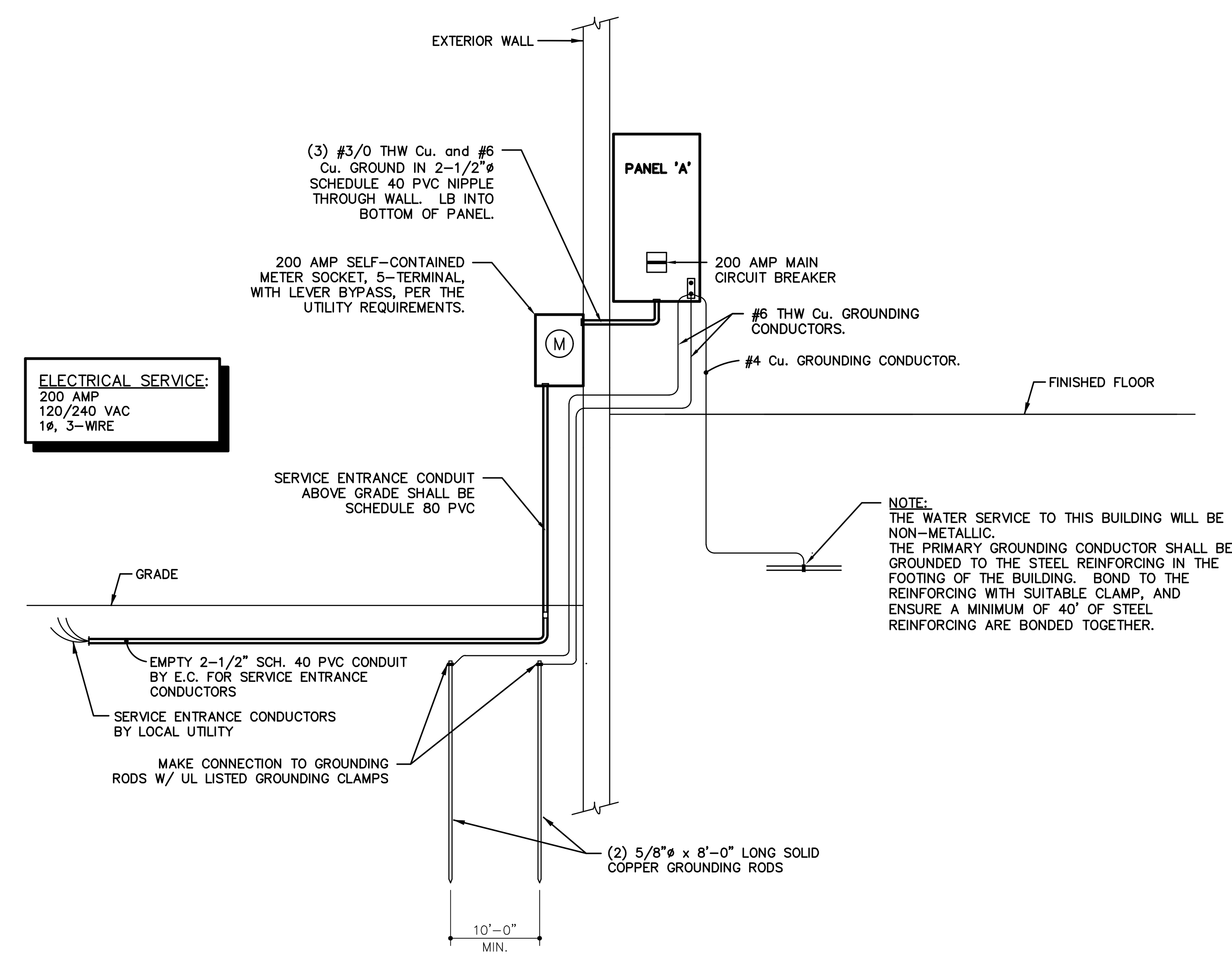
- TTB 4'x8' — DATA/COMMUNICATION BOARD (TTB) 3/4" THICK, GRADE AC PLYWOOD. HEIGHT AND WIDTH AS INDICATED.
- 2 — TELECOMMUNICATIONS OUTLET NUMBER INDICATES 1-DATA JACK, 1-PHONE JACK
- X — FLOOR MOUNTED TELECOMMUNICATIONS OUTLET LETTER OR NUMBER INDICATES FUNCTION
- FLOOR MOUNTED DUPLEX RECEPTACLE W/ SPACE 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

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



2 E000 LIGHTING CONTROL DIAGRAM
SCALE: NONE



1 E000 ELECTRICAL RISER DIAGRAM
SCALE: NONE

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

galileo GROUP

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY GALILEO
CHECKED BY GALILEO
PROJECT No 1620
DRAWING TITLE ELECTRICAL SYMBOLS AND DIAGRAMS

SHEET No
E000

ELECTRICAL SITE PLAN "KEYED" DEMOLITION NOTES:

D1 The Electrical Contractor shall work with XCEL ENERGY to remove the temporary overhead power supply complete. The Electrical Contractor shall pay all Utility fees.

D2 The Electrical Contractor shall remove the existing wood service pole, guy wire, and temporary weight. Verify with Owner if the pole, guy wire and weight are to be salvaged. Dispose of all materials if the Owner directs so. Store salvaged materials on site at an Owner-directed location.

D3 Remove service mast, meter socket, disconnect switch, panelboard, and 240 VAC receptacle, with all enclosures and accessories, and return to the Owner. Discard miscellaneous conduit, conductors, etc.

D4 Intercept the single PVC conduit serving the Park lighting and route this to the new ground-mounted pull box (New Keyed Note E2). Prepare to splice conductors in a weather-proof manner.

ELECTRICAL SITE PLAN "KEYED" NOTES:

E1 Two existing underground conduit with multiple lighting circuits are located at this approximate location. The Electrical Contractor shall intercept these conduit at the temporary electrical service and re-route to the new building. (BASE BID WORK)

Conduit #1
3/4 inch Schedule 40 PVC
(4) - #10 XHHW-2 & #12 ground serving full-height light poles. One circuit is not currently used.

Conduit #2
3/4 inch Schedule 40 PVC
(2) - #12 XHHW-2 & #12 ground serving bollards.

E2 The Electrical Contractor shall provide and install a ground-mounted junction box to terminate existing and new conduit and to splice existing conductors. (Quazite or similar product.) (BASE BID WORK)

E3 Extend a new 1-1/2 inch Schedule 40 PVC conduit between the new exterior junction box and the new Lighting Control Panel (LCP). (BASE BID WORK)

E4 New Bollard lighting fixture to match existing bollards on this property. Refer to Detail 2/E001 and the "EXTERIOR LIGHTING FIXTURE SCHEDULE". (BASE BID WORK)

E5 (2) - #12 XHHW-2 Copper and #12 Copper Ground in 3/4 inch Schedule 40 PVC conduit installed a minimum of 24 inches below grade. (BASE BID WORK)

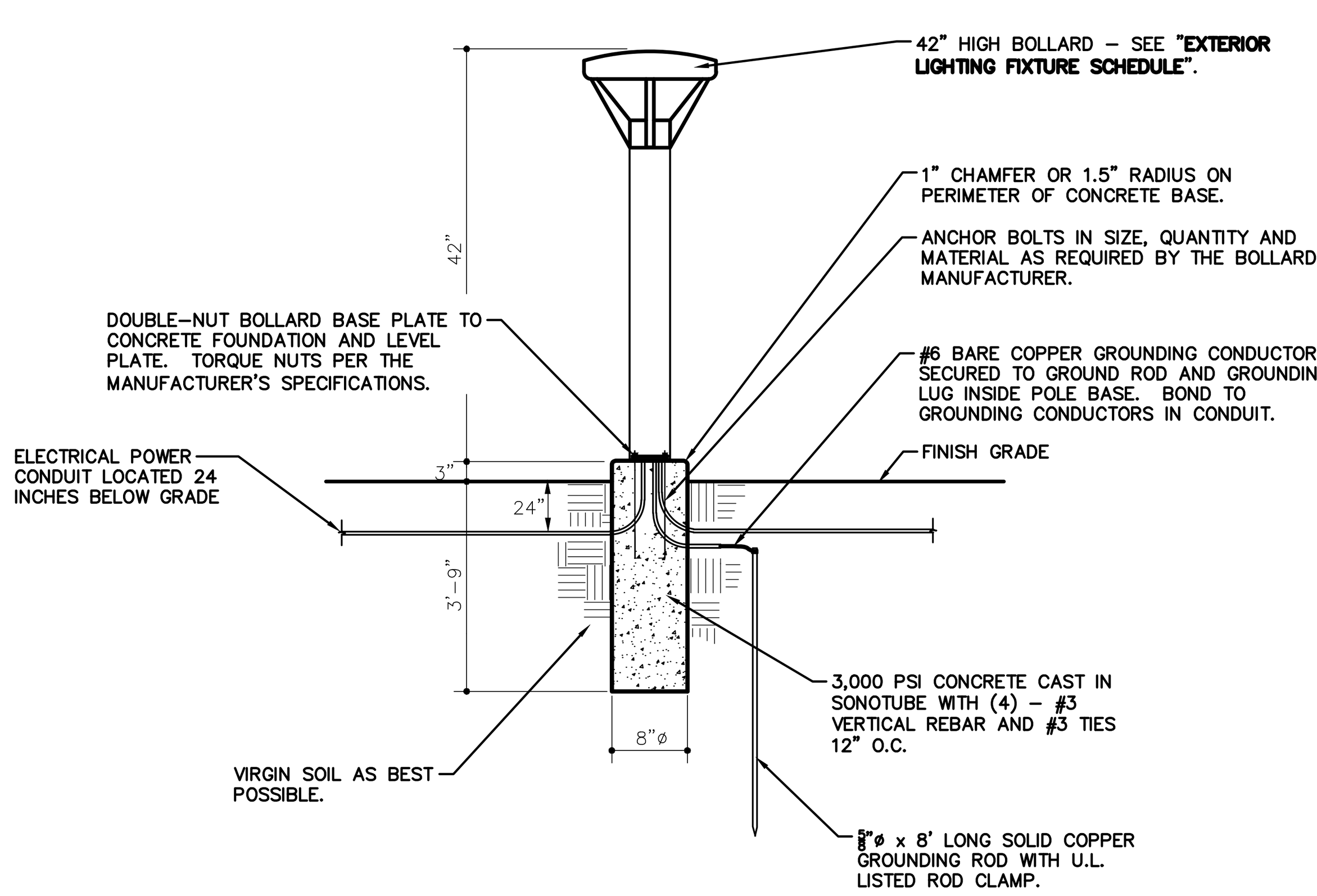
E6 Route the conduit serving the new Bollards into the new Lighting Control Panel (LCP). (BASE BID WORK)

E7 Circuit existing and new Type "B1" Bollards to Circuit A-8 via LCP Relay #1 (single pole). (BASE BID WORK)

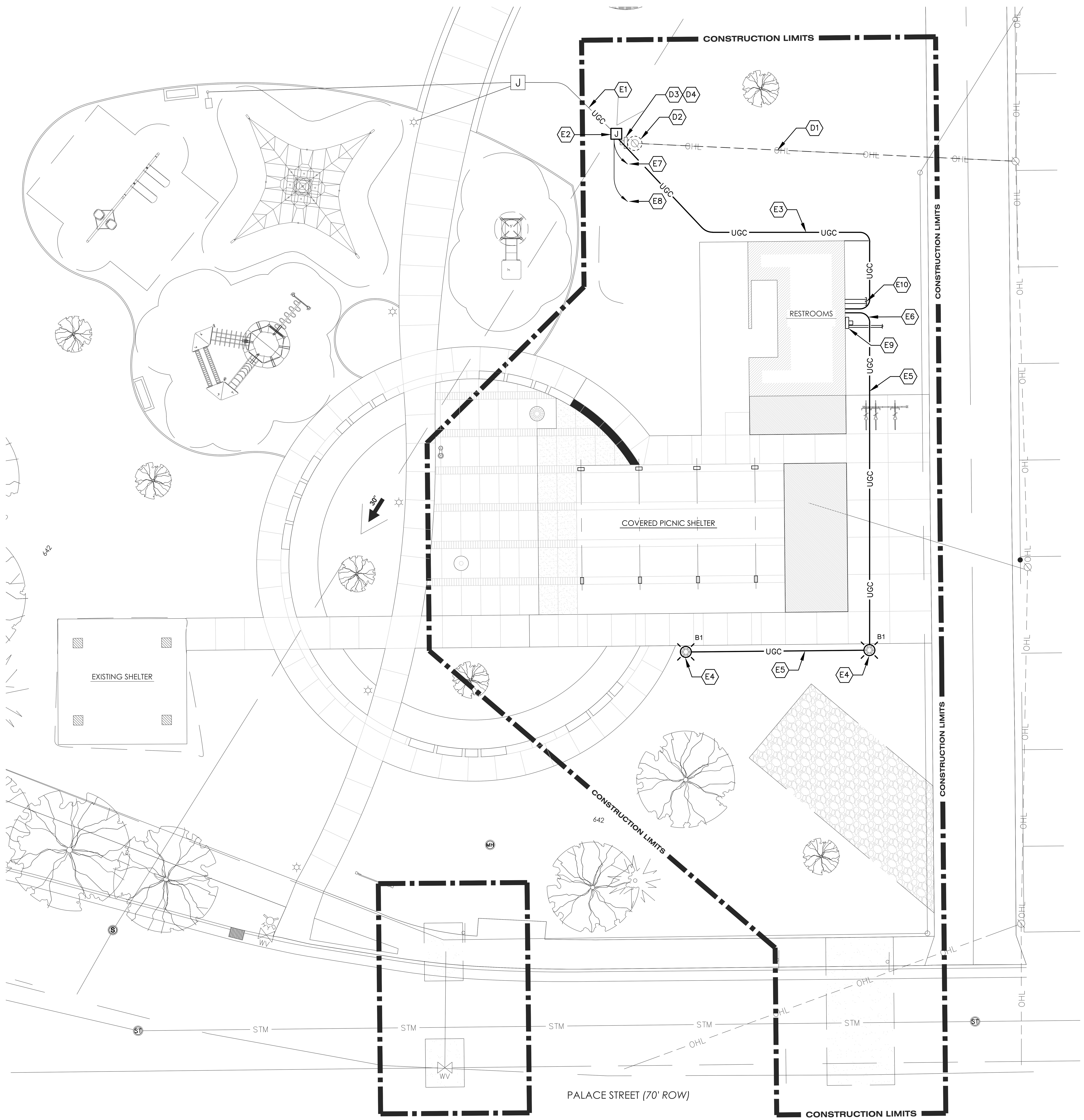
E8 Circuit the existing pole lighting fixture to Circuit A-10,12 via LCP Relay #2 (double pole). (BASE BID WORK)

E9 New electrical service location and service entrance conduit as requested by the local Electric Utility.

E10 Extend (2) 2 inch Schedule 40 PVC conduit 18" below grade out 5 feet from foundation wall for Telcom Services.



2 / E001 "B1" BOLLARD INSTALLATION DETAIL
SCALE: NONE



1 / E001 ELECTRICAL SITE PLAN
SCALE: 3/32" = 1'-0"

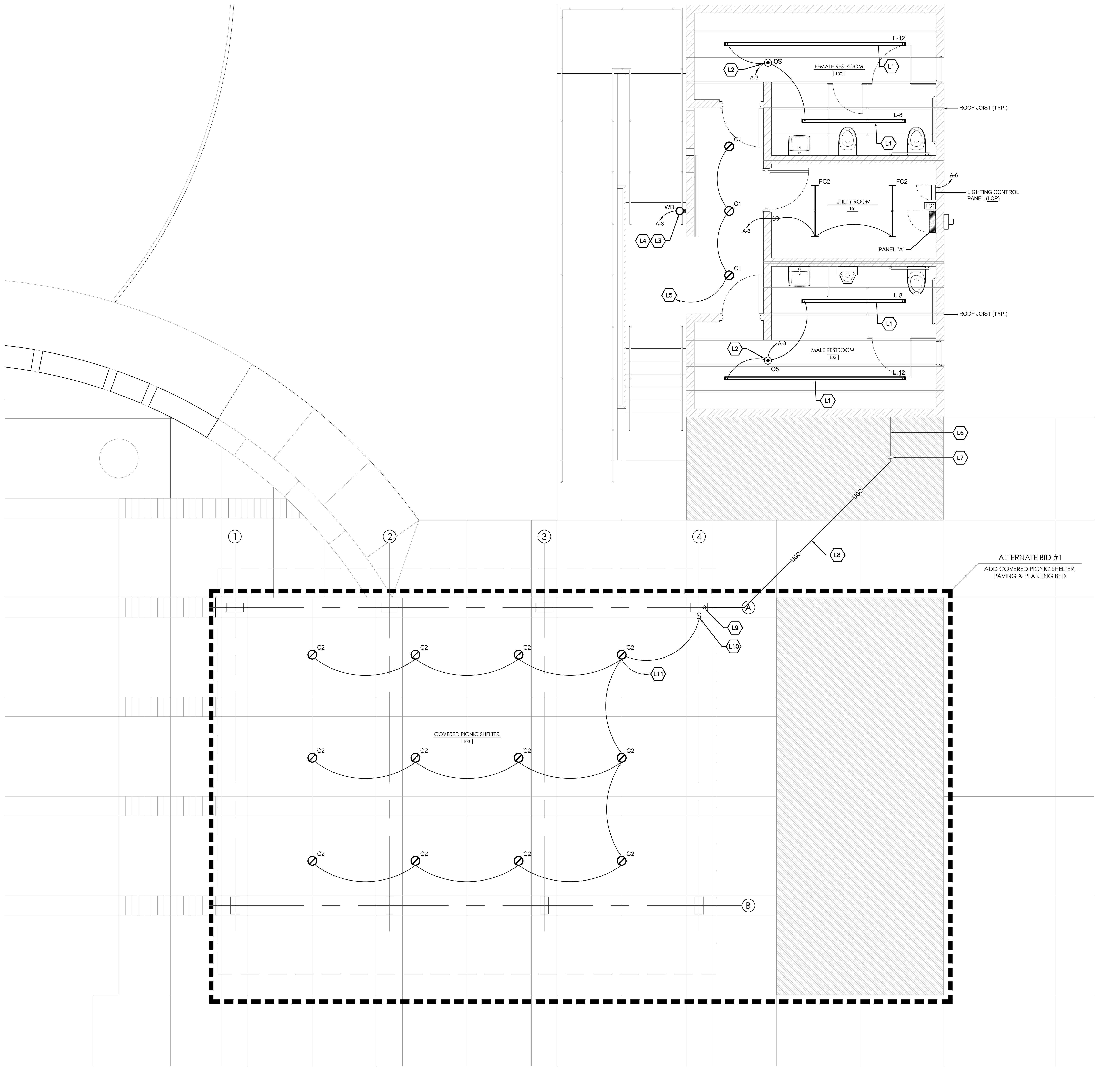
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

galileo GROUP

PROJECT
BADGER-HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY GALILEO
CHECKED BY GALILEO
PROJECT No 1620
DRAWING TITLE
ELECTRICAL SITE PLAN AND SITE DETAILS

SHEET No
E001



1 / E100 FIRST FLOOR PLAN — LIGHTING
SCALE: 1/4" = 1'-0"

ELECTRICAL LIGHTING PLAN "KEYED" NOTES:

L1	Install these fixtures so bottom of lower lens is even with bottom chord of roof trusses.
L2	Line voltage, ceiling-mount occupancy sensor (Ultrasonic Sensing). Mount to side of lower chord of roof truss. Set time delay for 15 minutes.
L3	Rough-in this fixture in the masonry wall at 92" A.F.F.
L4	Home run this fixture directly to circuit noted. Fixture operates from internal photocontrol only.
L5	Home run to circuit A-3 via Lighting Control Panel (LCP) - Relay #3. Program this relay to energize lighting based on outdoor ambient lighting levels and time of day.
L6	Route power supply to Lighting in the Picnic Shelter under floor/below grade in 3/4 inch Schedule 40 PVC conduit.
L7	Under the BASE BID, extend 3/4 inch PVC conduit from the Lighting Control Panel (LCP) to this approximate location and cap for future extension.
L8	Under the ALTERNATE BID, extend (2) - #12 RHHW copper conductors and #12 copper ground from the Lighting Control Panel to the nearest column supporting the Picnic Shelter.
L9	Under the ALTERNATE BID, rise Schedule 40 PVC conduit up the Shelter column concealed within the column furring.
L10	Under the ALTERNATE BID, install a local manual switch at 48 inches A.F.F. flush-mounted in the column furring. This switch is installed "downstream" of any control provided by the Lighting Control Panel (LCP). Provide and install weather-resistant cover plate.
L11	Under the ALTERNATE BID, home run to circuit A-5 via Lighting Control Panel (LCP) - Relay #4. Program this relay to energize lighting based on outdoor ambient lighting levels and time of day.

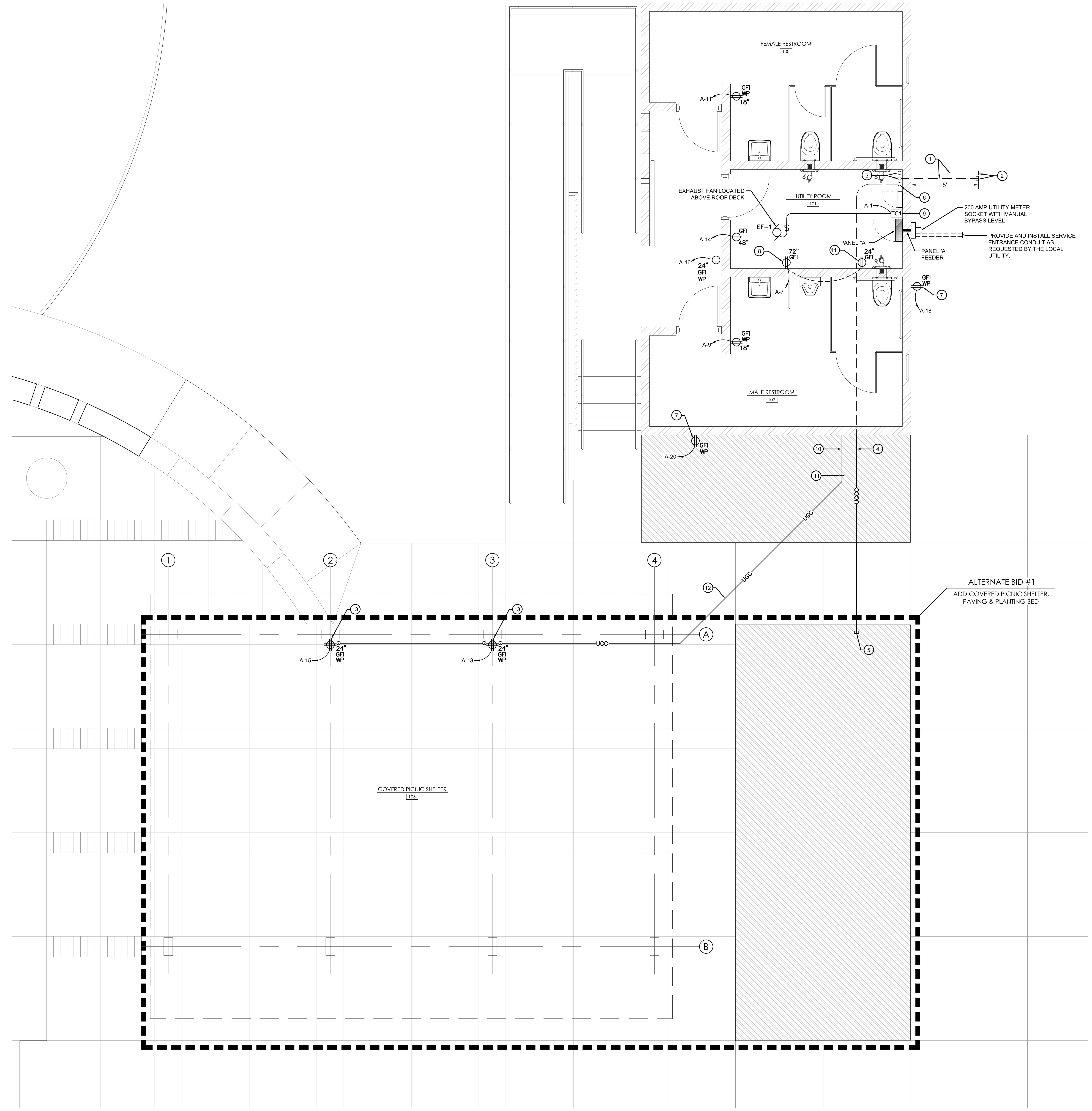
river ARCHITECTS
740 7th Street North La Crosse, WI 54601-3308 Tel 608 785-2217

galileo GROUP

PROJECT
BADGER-HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY GALILEO
CHECKED BY GALILEO
PROJECT No 1620
DRAWING TITLE FIRST FLOOR PLAN - LIGHTING

SHEET No
E100



1 E100 FIRST FLOOR PLAN – POWER
SCALE: 1/4" = 1'-0"

ELECTRICAL SITE PLAN "KEYED" NOTES:

1. The Electrical Contractor shall provide and install two (2) 2 inch Schedule 40 PVC conduit under the floor for communications signal access to the building.
2. Extend the communications service entrance conduit beyond the foundation wall approximately 5 feet and 18 inches below finished grade. Ensure the conduit terminates within a grassy area and not under any permanent paving. Stake the ends of the conduit with wood stakes left 2" below finished grade.
3. Rise communications conduit at this approximate location using long sweep elbows suitable for fiber optic cable. Extend conduit 6 inches above finished floor and terminate with plastic push-on bushings.
4. Extend 1 inch Schedule 40 PVC conduit under-floor, below grade towards the Picnic Shelter for future communications cable.
5. Extend communication conduit beyond the sidewalk and terminate within the lawn area or planting bed. Cap conduit water-tight and stake location just below finished grade. (BASE BID)
6. Rise 1" Schedule 40 PVC communications conduit along the service entrance conduit. Extend conduit 6 inches above finished floor and terminate with plastic push-on bushing. (BASE BID)
7. Install these receptacles in the center of the lowest concrete block above first floor level.
8. This receptacle is dedicated to the domestic water heater and circulation pump. Verify preferred location with the Plumbing Contractor prior to any rough-in work.
9. 24 hour, single channel timeclock provided by the E.C. for control of EF-1. Timeclock shall be electronic operation with battery back-up. (TORK Model DT101 or similar product.)
10. Route power supply to convenience receptacles in the Picnic Shelter under-floor, below grade, in 3/4 inch Schedule 40 PVC conduit.
11. Under the BASE BID, extend 3/4 inch PVC conduit from Panel 'A' to this approximate location and cap for future extension.
12. Under the ALTERNATE BID, extend (4) - #12 RHHW copper conductors and #12 copper ground from Panel 'A' to the receptacles as shown.
13. Under the ALTERNATE BID, extend surface-mounted conduit up to a surface-mounted PVC outlet box installed at 24 inches A.F.F.
14. This receptacle is dedicated for heat tape at the domestic water service entrance. Verify preferred location with the Plumbing Contractor.

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

galileo GROUP

PROJECT
BADGER-HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY GALILEO
CHECKED BY GALILEO
PROJECT No 1620
DRAWING TITLE FIRST FLOOR PLAN - POWER

SHEET No
E101

MOTOR & EQUIPMENT SCHEDULE

EQUIPMENT REFERENCE I.D.	EQUIPMENT DESCRIPTION	EQUIPMENT LOCATION: Room No.	EQUIPMENT LOCATION: Room Name	EQUIPMENT LOCATION: Elevation	MOTOR OR EQUIPMENT REQUIREMENTS AND CHARACTERISTICS: Motor HP	Equipment Watts	VOLT	PH.	FLA	MCA	MOP	MOTOR STARTERS: Starter Type	Special Control Device	Provided By	Installed By	Starter Size	DISCONNECT SWITCHES: Disconnect Type	Provided By	Installed By	NEMA Enclo.	Fuse Size	Lockable?	CONTROL WIRING BY: MC	EC	Branch Circuit or Feeder: N.C.	Conductor Size	Conduit Min. Size	Ground Size	REMARKS
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"		1,650	120	1	14.0		20.0	None					Receptacle	EC	EC						2	12	1/2"	12	4, 6

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.

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	EMERGENCY POWER SUPPLY REQUIRED?	VOLT	MOUNTING: F	S	*	LAMPS: NO.	Watt	Type	LED Light Source: Lumens	Color	CRI (Min.)	Dimmable	WATTS/ FIXTURE	REMARKS
C1	Fail-Safe	FLDSQ4C-HA-15-D010 F4LC-HA-1-MB	4 Inch square, vandal resistant, recessed lighting fixture with vandal-resistant open trim, medium distribution, self-flanged with matte black reflector finish.		120	X						1,500 (Nominal)	3,500K	80	Not Required	16	
C2	Fail-Safe	FLDSQ4C-HA-35-D010 F4LC-HA-1-MB	4 Inch square, vandal resistant, recessed lighting fixture with vandal-resistant open trim, medium distribution, self-flanged with matte black reflector finish.		120	X						3,500 (Nominal)	3,500K	80	Not Required	40	
FC2	Lithonia	CSS-L48-AL03-MVOLT-SWW3-80CRI	4'' LED Strip light with polycarbonate lens, field selectable light output and field selectable color temperature. Set fixture for lumen output and color temperature noted.		120			X				4,000 (Nominal)	3,500K	80	Not Required	45	B
L-8	Lumenwerx	V2SEALP-DI-WET-EPDO-EPIO-SW-80CRI-500LMF-350LMF-35K-8FT0IN-120V-D1-1-TF-STS-B-NA	Direct-indirect linear fixture constructed as a single aluminum extrusion. Wet location rated with silicone gaskets on all lenses and fixture openings. Continuous lens with standard distribution options on both direct, and indirect, sides. 500 lumens/foot down light and 350 lumens/foot up light. Matte black baked enamel painted finish. Provide with matching pendants and sloped ceiling adapters as needed. Total Fixture Lenght of 8 Feet.		120			X				4,000 (Nominal) Downlight 2,800 (Nominal) Uplight	3,500K	80	Not Required	69.4	A
L-12	Lumenwerx	V2SEALP-DI-WET-EPDO-EPIO-SW-80CRI-500LMF-350LMF-35K-12FT0IN-120V-D1-1-TF-STS-B-NA	Direct-indirect linear fixture constructed as a single aluminum extrusion. Wet location rated with silicone gaskets on all lenses and fixture openings. Continuous lens with standard distribution options on both direct, and indirect, sides. 500 lumens/foot down light and 350 lumens/foot up light. Matte black baked enamel painted finish. Provide with matching pendants and sloped ceiling adapters as needed. Total Fixture Lenght of 8 Feet.		120			X				6,000 (Nominal) Downlight 4,200 (Nominal) Uplight	3,500K	80	Not Required	104.1	A
WB	Barron Lighting	UDC-20-VS-CP-BL	4 Inch round cylinder x 11" in total height with field-selectable downlight and uplight, cast aluminum housing, IP-65 rated, and integral photocontrol. Provide in Black Finish. Install 60 degree reflectors in both top and bottom. Select for maximum lumen output and 3,000K color temperature.		120		X					2,100	3,000K	90	Not Required	20	

Remarks:

A. Pendant-mount these lighting fixtures with rigid pendants. Provide dimension lumber blocking within the truss space to support outlet boxes. Provide outlet box canopy to conceal the outlet box.
B. Secure these fixtures to bottom of roof trusses. Provide additional dimension lumber blocking as necessary.

EXTERIOR LIGHTING FIXTURE SCHEDULE

LUMINAIRES: TYPE	MANUFACTURER	LUMINAIRE REFERENCE ID	CATALOG NUMBER	DESCRIPTION	I.E.S. Distribution Type	VOLT	NO. OF LUMINAIRES PER POLE	LUMINAIRE MOUNTING METHOD	LIGHT SOURCE: TYPE	LIGHT OUTPUT	COLOR TEMP.	INPUT WATTAGE	POLES: WIND VELOCITY DESIGN	POLE MATERIAL	POLE MOUNTING METHOD	DIRECT BURIAL DEPTH	FOUND. DETAIL	POLE SHAPE	TOTAL POLE LENGTH	MFG.	CATALOG NO.	COLOR	REMARKS
B1	Invue	(Single Luminaire)	ABB-B2-LED-42-D1-S-BK-8030	42 Inch Bollard with LED light source and integral standard LED driver, black painted finish.	Symmetrical	120	1	Anchor to concrete base with integral aluminum flange.	L.E.D.	1,276 Lumens	3,000 K	32	(Not Applicable)	(Not Applicable)	8 Inch Diameter Concrete Base			(None Required.)				Black	1, 2, 3

REMARKS:

1. No Equal products will be acceptable. This fixture must match other fixtures installed on this property.
2. Fixture shall be UL Listed for wet locations.
3. Driver is recommended to be multi-tap (120, 208, 240, 277).

PANELBOARD SCHEDULE

PANEL NO.	ROOM NO.	ROOM NAME	MANUFACTURER/ TYPE	MTG: F	MTG: S	SIZE: W	SIZE: D	MAINS: SERVICE	AMPS	LUGS	BRKR.	SWITCH	SUB FEED LUGS	BRANCH CIRCUIT BREAKERS: 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	Breaker Space (Based on Square D)	Min. AIC
A	101	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			20	2	No		See Panelboard Schedule Worksheet		10.0
														1	No	No			15	1	No		See Panelboard Schedule Worksheet		10.0
														17	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 - 30 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	Exhaust Fan EF-1 and Timeclock	370		20	1	A					TVSS Module	2
3	Toilet Rooms and Utility Room Lighting	501		20	1	B						4
5	Covered Picnic Shelter Lighting	406		20	1	A	15	1		100	Lighting Control Panel (LCP)	6
7	Water Heater and Circulation Pump Recept.	1,770		20	1	B	20	1		224	New and Existing Type B1 Bollards	8
9	Toilet Room Receptacles	180		20	1	A	20	2		99	Existing Lighting Poles in the Park	10
11	Toilet Room Receptacles	180		20	1	B						12
13	Picnic Area Receptcles	180		20	1	A	20	1		180	Utility Room Receptacle	14
15	Picnic Area Receptcles	180		20	1	B	20	1		180	Exterior Receptacles	16
17	Spare			20	1	A	20	1		180	Exterior Receptacles	18
19	Spare			20	1	B	20	1		180	Exterior Receptacles	20
21	Spare			20	1	A	20	1			Spare	22
23						B						24
25						A						26
27						B						28
29						A						30
		3,767								*1,143*		

TOTAL LIGHTING LOAD	1,330 va	**Remarks:**
TOTAL RECEPTACLE LOAD	1,440 va	
TOTAL MOTOR LOAD	2,140 va	
ELECTRIC HEATING LOAD	0 va	
MISCELLANEOUS LOADS	0 va	
TOTAL CONNECTED LOAD	4,910 va	

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

galileo GROUP

PROJECT
BADGER - HICKEY PARK RESTROOMS & SHELTER
CITY OF LA CROSSE, WI

DATE 07/25/25
DRAWN BY GALILEO
CHECKED BY GALILEO
PROJECT No 1620
DRAWING TITLE ELECTRICAL SCHEDULES

SHEET No
E600