

# CITY OF MADISON

# DOOR CREEK PARK SHELTER

7035 LITTLEMORE DR,  
MADISON, WI 53703

EXHIBIT A - Plans

CONSTRUCTION DOCUMENTS - 01/19/2023



Project Location



**Design Team**

**CIVIL ENGINEER:**  
PARKEUT LIFE - PLANNING  
501 DEMING WAY - SUITE 102  
MADISON, WI 53717  
PH: (608) 886-6808  
EMAIL: DLANE@PARKEUTLIFE.ORG

**ARCHITECT:**  
ARO EBERLE ARCHITECTS INC.  
110 KINGS STREET - SUITE 201  
MADISON, WI 53703  
CONTACT: DOUG PAHL, AIA  
EMAIL: PAHL@AROEBERLE.COM

**STRUCTURAL ENGINEER:**  
MP SCLAERER STRUCTURAL ENGINEERS  
583 DONOFRO DR UNIT 201,  
MADISON, WI 53719  
PH: (608) 821-4770  
EMAIL: JFRAC@MPSORD.COM

**MECHANICAL ENGINEER:**  
TAILORED ENGINEERING  
1600 N HIGH POINT RD,  
MIDDLETON, WI 53562  
PH: (608) 440-9594  
EMAIL: TBAILEY@TAILORENG.COM

**ELECTRICAL ENGINEER:**  
TAILORED ENGINEERING  
1600 N HIGH POINT RD,  
MIDDLETON, WI 53562  
PH: (608) 440-9594  
EMAIL: TBAILEY@TAILORENG.COM

**PLUMBING AND FIRE PROTECTION ENGINEER:**  
TAILORED ENGINEERING  
1600 N HIGH POINT RD,  
MIDDLETON, WI 53562  
PH: (608) 440-9594  
EMAIL: TBAILEY@TAILORENG.COM

**Sheet List**

GENERAL	COVER SHEET
C001	SITE STAGING PLAN
C002	PARKING LOT DEMOLITION PLAN
C003	PARKING LOT SITE PLAN
C004	EXISTING CONDITIONS PLAN
C005	GRADING PLAN - BUILDING AREA
C006	EROSION CONTROL, SITE GRADING, & UTILITY PLAN
C007	DETAILS
ST001	STRUCTURAL NOTES
S002	FOUNDATION PLAN
S003	CONCRETE DETAILS

MECHANICAL	MECHANICAL COVER SHEET
M000	MECHANICAL COVER SHEET
M001	Mechanical Roof Plan
M002	Mechanical Details
M003	Mechanical Schedule
M004	MECHANICAL MEZANINE, CLOSETRY AND VESTIBULE FLOOR PLAN
M005	MECHANICAL FIRST FLOOR FINISH PLAN AND ROOM FINISH SCHEDULE
M006	MECHANICAL FIRST FLOOR FINISH PLAN
M007	MECHANICAL ROOF PLAN
M008	MECHANICAL ROOF PLAN
M009	MECHANICAL ROOF PLAN
M010	MECHANICAL ROOF PLAN
M011	MECHANICAL ROOF PLAN
M012	MECHANICAL ROOF PLAN
M013	MECHANICAL ROOF PLAN
M014	MECHANICAL ROOF PLAN
M015	MECHANICAL ROOF PLAN
M016	MECHANICAL ROOF PLAN
M017	MECHANICAL ROOF PLAN
M018	MECHANICAL ROOF PLAN
M019	MECHANICAL ROOF PLAN
M020	MECHANICAL ROOF PLAN
M021	MECHANICAL ROOF PLAN
M022	MECHANICAL ROOF PLAN
M023	MECHANICAL ROOF PLAN
M024	MECHANICAL ROOF PLAN
M025	MECHANICAL ROOF PLAN
M026	MECHANICAL ROOF PLAN
M027	MECHANICAL ROOF PLAN
M028	MECHANICAL ROOF PLAN
M029	MECHANICAL ROOF PLAN
M030	MECHANICAL ROOF PLAN
M031	MECHANICAL ROOF PLAN
M032	MECHANICAL ROOF PLAN
M033	MECHANICAL ROOF PLAN
M034	MECHANICAL ROOF PLAN
M035	MECHANICAL ROOF PLAN
M036	MECHANICAL ROOF PLAN
M037	MECHANICAL ROOF PLAN
M038	MECHANICAL ROOF PLAN
M039	MECHANICAL ROOF PLAN
M040	MECHANICAL ROOF PLAN
M041	MECHANICAL ROOF PLAN
M042	MECHANICAL ROOF PLAN
M043	MECHANICAL ROOF PLAN
M044	MECHANICAL ROOF PLAN
M045	MECHANICAL ROOF PLAN
M046	MECHANICAL ROOF PLAN
M047	MECHANICAL ROOF PLAN
M048	MECHANICAL ROOF PLAN
M049	MECHANICAL ROOF PLAN
M050	MECHANICAL ROOF PLAN
M051	MECHANICAL ROOF PLAN
M052	MECHANICAL ROOF PLAN
M053	MECHANICAL ROOF PLAN
M054	MECHANICAL ROOF PLAN
M055	MECHANICAL ROOF PLAN
M056	MECHANICAL ROOF PLAN
M057	MECHANICAL ROOF PLAN
M058	MECHANICAL ROOF PLAN
M059	MECHANICAL ROOF PLAN
M060	MECHANICAL ROOF PLAN
M061	MECHANICAL ROOF PLAN
M062	MECHANICAL ROOF PLAN
M063	MECHANICAL ROOF PLAN
M064	MECHANICAL ROOF PLAN
M065	MECHANICAL ROOF PLAN
M066	MECHANICAL ROOF PLAN
M067	MECHANICAL ROOF PLAN
M068	MECHANICAL ROOF PLAN
M069	MECHANICAL ROOF PLAN
M070	MECHANICAL ROOF PLAN
M071	MECHANICAL ROOF PLAN
M072	MECHANICAL ROOF PLAN
M073	MECHANICAL ROOF PLAN
M074	MECHANICAL ROOF PLAN
M075	MECHANICAL ROOF PLAN
M076	MECHANICAL ROOF PLAN
M077	MECHANICAL ROOF PLAN
M078	MECHANICAL ROOF PLAN
M079	MECHANICAL ROOF PLAN
M080	MECHANICAL ROOF PLAN
M081	MECHANICAL ROOF PLAN
M082	MECHANICAL ROOF PLAN
M083	MECHANICAL ROOF PLAN
M084	MECHANICAL ROOF PLAN
M085	MECHANICAL ROOF PLAN
M086	MECHANICAL ROOF PLAN
M087	MECHANICAL ROOF PLAN
M088	MECHANICAL ROOF PLAN
M089	MECHANICAL ROOF PLAN
M090	MECHANICAL ROOF PLAN
M091	MECHANICAL ROOF PLAN
M092	MECHANICAL ROOF PLAN
M093	MECHANICAL ROOF PLAN
M094	MECHANICAL ROOF PLAN
M095	MECHANICAL ROOF PLAN
M096	MECHANICAL ROOF PLAN
M097	MECHANICAL ROOF PLAN
M098	MECHANICAL ROOF PLAN
M099	MECHANICAL ROOF PLAN
M100	MECHANICAL ROOF PLAN
M101	MECHANICAL ROOF PLAN
M102	MECHANICAL ROOF PLAN
M103	MECHANICAL ROOF PLAN
M104	MECHANICAL ROOF PLAN
M105	MECHANICAL ROOF PLAN
M106	MECHANICAL ROOF PLAN
M107	MECHANICAL ROOF PLAN
M108	MECHANICAL ROOF PLAN
M109	MECHANICAL ROOF PLAN
M110	MECHANICAL ROOF PLAN
M111	MECHANICAL ROOF PLAN
M112	MECHANICAL ROOF PLAN
M113	MECHANICAL ROOF PLAN
M114	MECHANICAL ROOF PLAN
M115	MECHANICAL ROOF PLAN
M116	MECHANICAL ROOF PLAN
M117	MECHANICAL ROOF PLAN
M118	MECHANICAL ROOF PLAN
M119	MECHANICAL ROOF PLAN
M120	MECHANICAL ROOF PLAN
M121	MECHANICAL ROOF PLAN
M122	MECHANICAL ROOF PLAN
M123	MECHANICAL ROOF PLAN
M124	MECHANICAL ROOF PLAN
M125	MECHANICAL ROOF PLAN
M126	MECHANICAL ROOF PLAN
M127	MECHANICAL ROOF PLAN
M128	MECHANICAL ROOF PLAN
M129	MECHANICAL ROOF PLAN
M130	MECHANICAL ROOF PLAN
M131	MECHANICAL ROOF PLAN
M132	MECHANICAL ROOF PLAN
M133	MECHANICAL ROOF PLAN
M134	MECHANICAL ROOF PLAN
M135	MECHANICAL ROOF PLAN
M136	MECHANICAL ROOF PLAN
M137	MECHANICAL ROOF PLAN
M138	MECHANICAL ROOF PLAN
M139	MECHANICAL ROOF PLAN
M140	MECHANICAL ROOF PLAN
M141	MECHANICAL ROOF PLAN
M142	MECHANICAL ROOF PLAN
M143	MECHANICAL ROOF PLAN
M144	MECHANICAL ROOF PLAN
M145	MECHANICAL ROOF PLAN
M146	MECHANICAL ROOF PLAN
M147	MECHANICAL ROOF PLAN
M148	MECHANICAL ROOF PLAN
M149	MECHANICAL ROOF PLAN
M150	MECHANICAL ROOF PLAN

**ARCHITECT:**  
ARO EBERLE ARCHITECTS INC.  
110 KINGS STREET - SUITE 201  
MADISON, WI 53703  
CONTACT: DOUG PAHL, AIA  
EMAIL: PAHL@AROEBERLE.COM

**MECHANICAL ENGINEER:**  
TAILORED ENGINEERING  
1600 N HIGH POINT RD,  
MIDDLETON, WI 53562  
PH: (608) 440-9594  
EMAIL: TBAILEY@TAILORENG.COM

**ELECTRICAL ENGINEER:**  
TAILORED ENGINEERING  
1600 N HIGH POINT RD,  
MIDDLETON, WI 53562  
PH: (608) 440-9594  
EMAIL: TBAILEY@TAILORENG.COM

**ELECTRICAL ENGINEER:**  
TAILORED ENGINEERING  
1600 N HIGH POINT RD,  
MIDDLETON, WI 53562  
PH: (608) 440-9594  
EMAIL: TBAILEY@TAILORENG.COM

**PLUMBING AND FIRE PROTECTION ENGINEER:**  
TAILORED ENGINEERING  
1600 N HIGH POINT RD,  
MIDDLETON, WI 53562  
PH: (608) 440-9594  
EMAIL: TBAILEY@TAILORENG.COM

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

**ARO EBERLE ARCHITECTS**  
433 W Washington Ave (608) 204-7464  
400 Madison, WI  
53703 AROEBERLE.COM

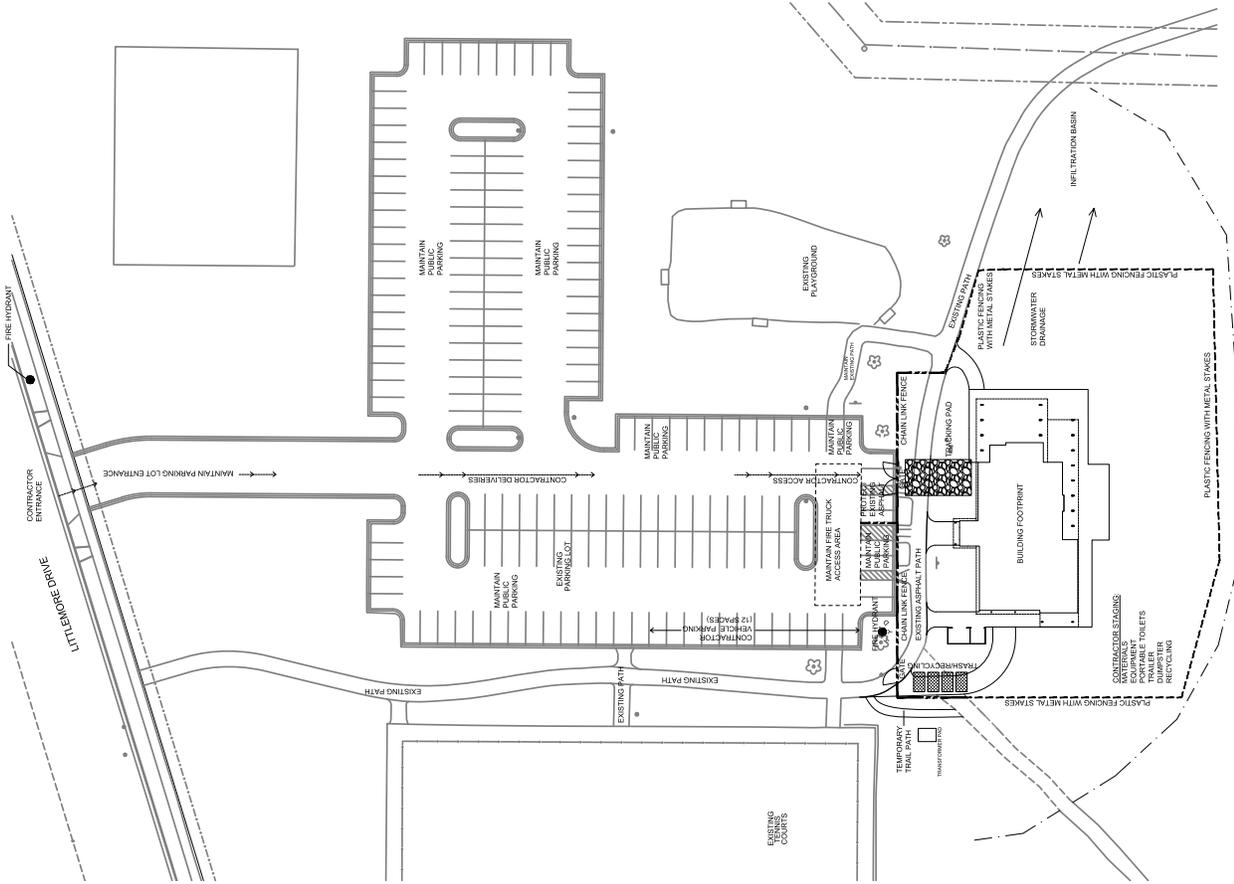
**Parkeut Life**  
Architecture + Planning  
901 Deming Way, Suite 102 (608) 886-6808  
Madison, WI 53717  
parkeutlife.org

**(mp)<sup>2</sup> STRUCTURAL ENGINEERS, LLC**  
www.mpproject.com

**TAILORED ENGINEERING**  
1600 N HIGH POINT RD, MIDDLETON, WI 53562  
Project # F1902, PH: (608) 440-9594  
www.taioreng.com

583 Donofro Dr, Suite 201 (608) 821-4770  
Madison, WI 53719  
mjsqj.com

**MP SCLAERER STRUCTURAL ENGINEERS, INC.**  
110 Kings Street, Suite 201  
Madison, WI 53703  
PH: (608) 821-4770



**1 SITE - CONTRACTOR STAGING AREA DIAGRAM**  
NOT TO SCALE

No.	Description	Date

**CITY OF MADISON**  
  
**DOOR CREEK PARK  
SHELTER**  
  
7035 LITTLEMORE DR. MADISON, WI 53703  
**SITE STAGING PLAN**

**CONSTRUCTION DOCUMENTS**  
Project Number: **MSN-20-01**  
Date: **05/10/2023**

**C001**

No.	Description	Date

CITY OF MADISON

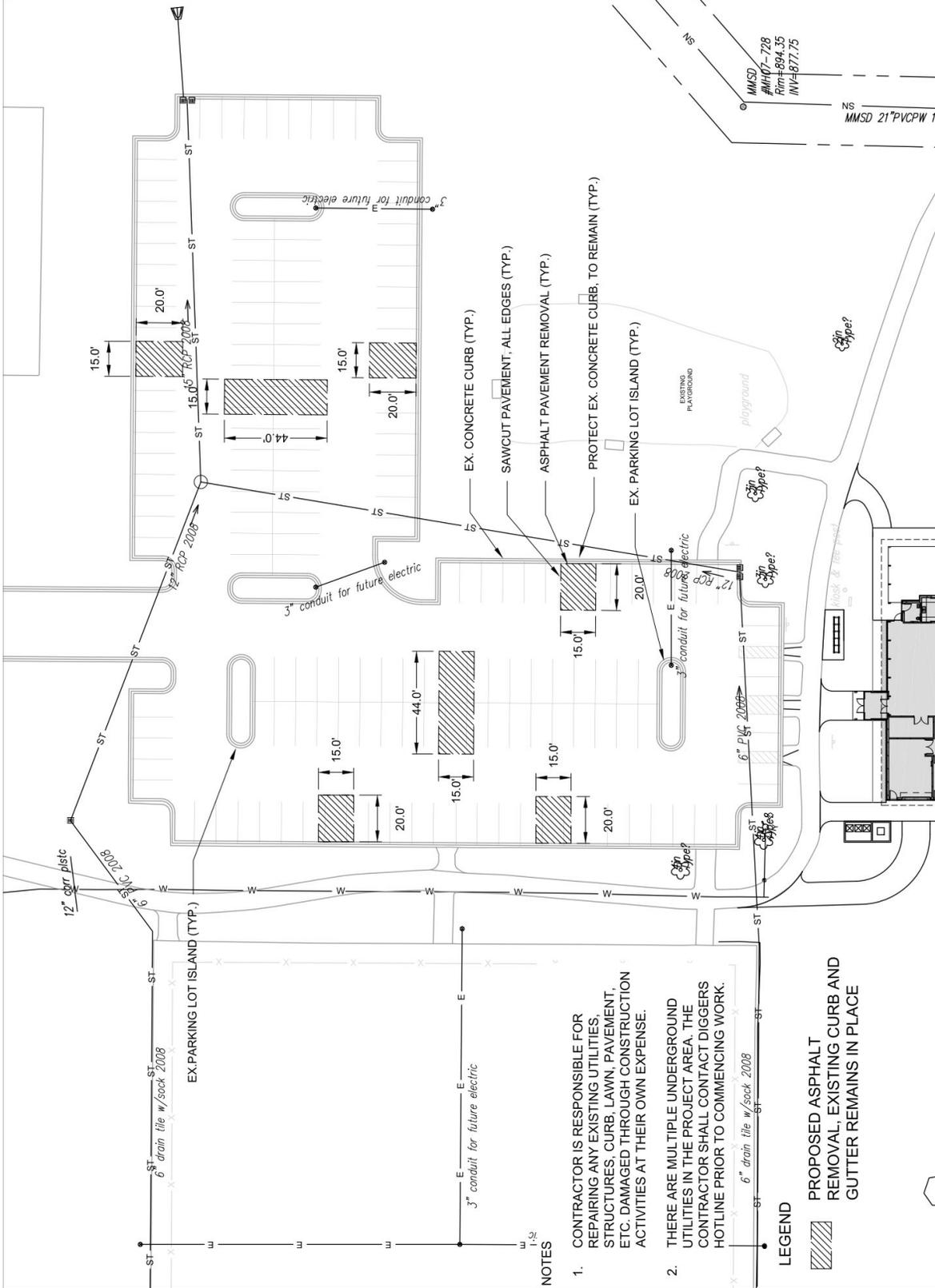
DOOR CREEK PARK  
SHELTER

7035 LITTLEMORE DR. MADISON, WI 53703

PARKING LOT  
DEMOLITION PLAN

CONSTRUCTION DOCUMENTS  
Project number: MSN-2001  
Book: 05/10/2023

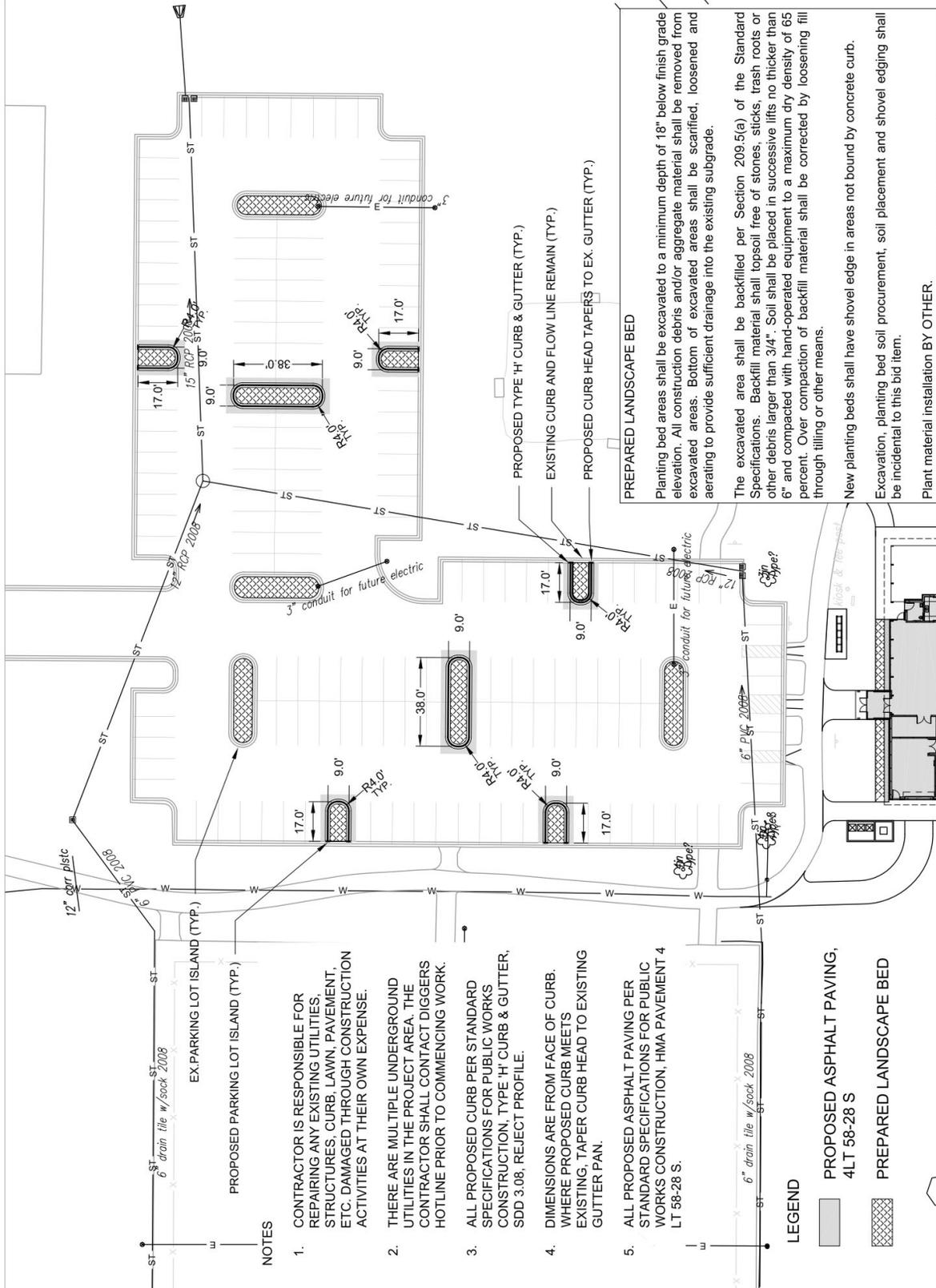
CP001



- NOTES**
1. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY EXISTING UTILITIES, STRUCTURES, CURB, LAWN, PAVEMENT, ETC. DAMAGED THROUGH CONSTRUCTION ACTIVITIES AT THEIR OWN EXPENSE.
  2. THERE ARE MULTIPLE UNDERGROUND UTILITIES IN THE PROJECT AREA. THE CONTRACTOR SHALL CONTACT DIGGERS HOTLINE PRIOR TO COMMENCING WORK.

**LEGEND**

PROPOSED ASPHALT REMOVAL, EXISTING CURB AND GUTTER REMAINS IN PLACE



- NOTES**
1. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY EXISTING UTILITIES, STRUCTURES, CURB, LAWN, PAVEMENT, ETC. DAMAGED THROUGH CONSTRUCTION ACTIVITIES AT THEIR OWN EXPENSE.
  2. THERE ARE MULTIPLE UNDERGROUND UTILITIES IN THE PROJECT AREA. THE CONTRACTOR SHALL CONTACT DIGGERS HOTLINE PRIOR TO COMMENCING WORK.
  3. ALL PROPOSED CURB PER STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, TYPE 'H' CURB & GUTTER, SDD 3.08, REJECT PROFILE.
  4. DIMENSIONS ARE FROM FACE OF CURB. WHERE PROPOSED CURB MEETS EXISTING, TAPER CURB HEAD TO EXISTING GUTTER PAN.
  5. ALL PROPOSED ASPHALT PAVING PER STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, HMA PAVEMENT 4 LT 58-28 S.

- LEGEND**
- PROPOSED ASPHALT PAVING, 4LT 58-28 S
  - PREPARED LANDSCAPE BED

**PREPARED LANDSCAPE BED**

Planting bed areas shall be excavated to a minimum depth of 18" below finish grade elevation. All construction debris and/or aggregate material shall be removed from excavated areas. Bottom of excavated areas shall be scarified, loosened and aerating to provide sufficient drainage into the existing subgrade.

The excavated area shall be backfilled per Section 209.5(a) of the Standard Specifications. Backfill material shall topsoil free of stones, sticks, trash roots or other debris larger than 3/4". Soil shall be placed in successive lifts no thicker than 6" and compacted with hand-operated equipment to a maximum dry density of 65 percent. Over compaction of backfill material shall be corrected by loosening fill through tilling or other means.

New planting beds shall have shovel edge in areas not bound by concrete curb. Excavation, planting bed soil procurement, soil placement and shovel edging shall be incidental to this bid item.

Plant material installation BY OTHER.

No.	Description	Date

**CITY OF MADISON**

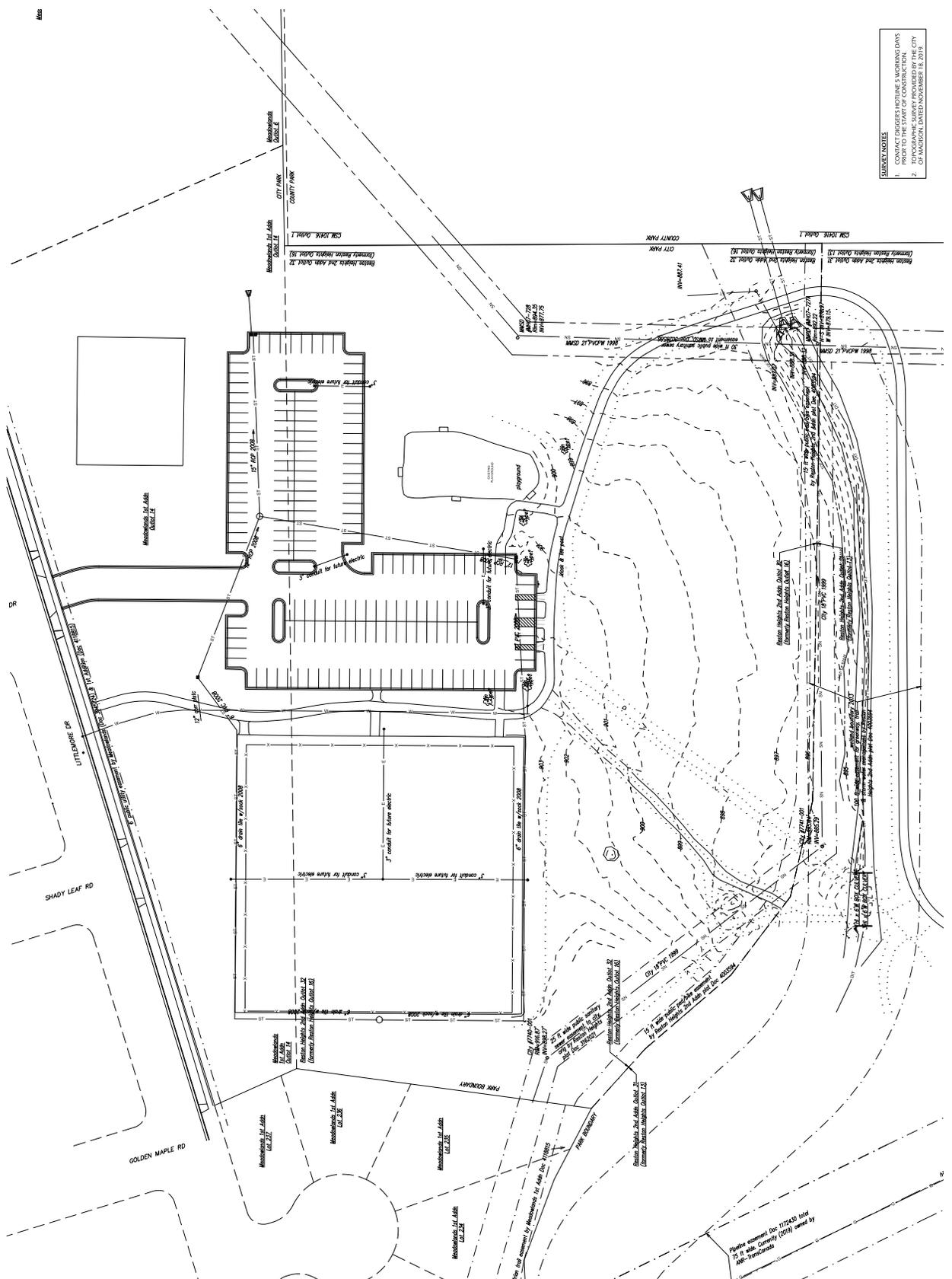
**DOOR CREEK PARK SHELTER**

7035 LITTLEMORE DR. MADISON, WI 53703

**PARKING LOT SITE PLAN**

CONSTRUCTION DOCUMENTS  
Project number: MSN-20-01  
Date: 05/10/2023

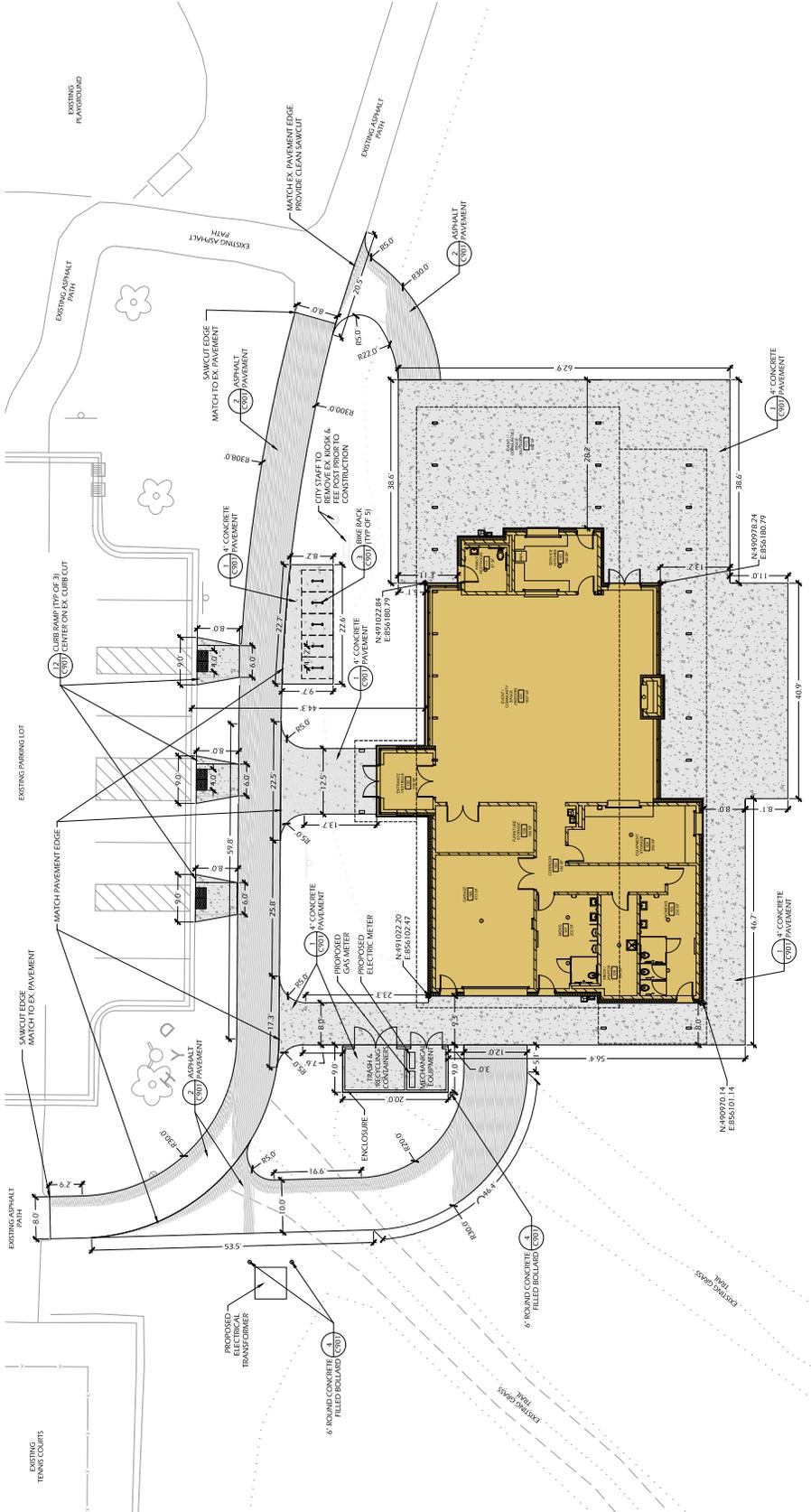
**CP002**



**SUBMITTAL NOTES**  
 1. ALL EXISTING AND PROPOSED LINES, SHOWN DAYS PRIOR TO THE START OF CONSTRUCTION.  
 2. TOPOGRAPHIC SURVEY PROVIDED BY THE CITY OF MADISON, DATED NOVEMBER 18, 2019.



No.	Description	Date



No.	Description	Date

**CITY OF MADISON**

**DOOR CREEK PARK SHELTER**

**DIMENSIONAL SITE PLAN**

MADISON, WI 53703  
 FOR CONSTRUCTION  
 Project number: MSN-20-01  
 Date: 05-10-2023



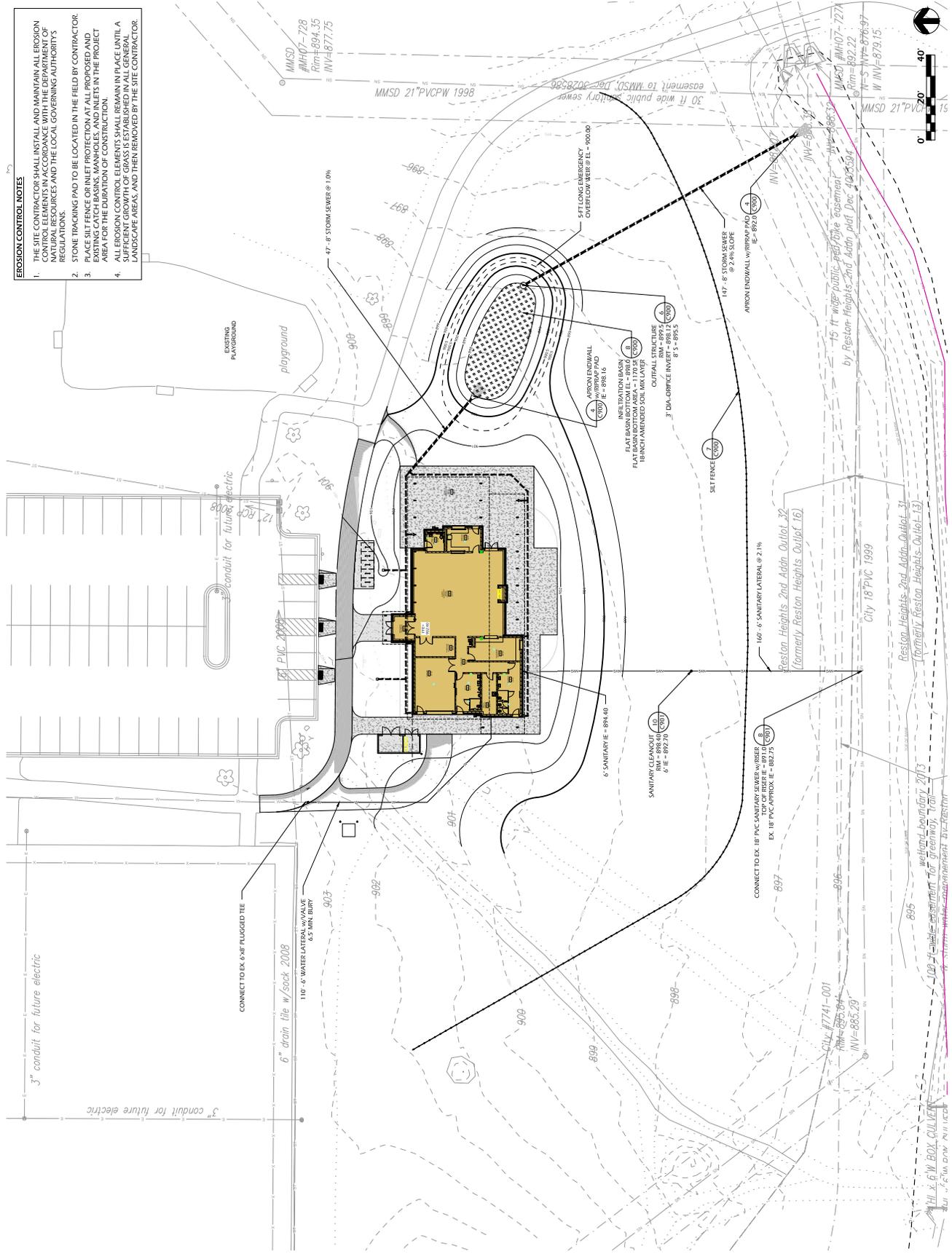
- SITE LAYOUT NOTES:**
- CONTRACT DIGGERS HOLDING 5 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
  - ALL DIMENSIONS ARE REFERENCED UNLESS SHOWN OTHERWISE TO THE CENTERLINE OF THE ROADWAY OR TO THE CENTERLINE OF THE PROPOSED FEATURES SHOWN, WRITTEN DIMENSIONS SUPERSEDE ANY SCALED DIMENSIONS.
  - ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED SHALL BE PERIODICALLY REVIEWED IN THE FIELD BY THE CONTRACTOR A/E.
  - CONCRETE JOINTING PLANS SHALL BE SUBMITTED TO THE A/E FOR REVIEW AND APPROVED BY THE A/E.
  - ALL CONCRETE JOINTS SHALL BE COMPLETED TOGETHER UNLESS OTHERWISE APPROVED BY THE A/E.
  - ALL CONCRETE JOINTS SHALL BE FIELD CUT UNLESS OTHERWISE APPROVED BY THE A/E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESPONSIBILITY OF THE SITE CONTRACTOR AND SHALL BE RESPONSIBLE FOR THE REMOVAL, RELOCATION, AND/OR REPAIR OF ALL UTILITIES SHOWN ON THESE DOCUMENTS.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR SITE STAGING. DIGITAL PLAN FILES MAY BE AVAILABLE FROM THE A/E.

DEVELOPMENT STATUS	IMPERVIOUS SURFACES			PERVIOUS SURFACES			TOTAL IMPERVIOUS AREA (SQ FT)	TOTAL PERVIOUS AREA (SQ FT)
	CONCRETE PAVEMENT (SQ FT)	ASPHALT BUILDINGS (SQ FT)	ASPHALT STORMWATER MANAGEMENT (SQ FT)	PERVIOUS PAVEMENT (SQ FT)	PERVIOUS SURFACES (SQ FT)	LAWN (SQ FT)		
EXISTING SITE	0	0	0	0	0	0	0	0
PROPOSED SITE	37,600	6,461	900	0	37,600	37,600	44,461	111,558

- PROPOSED SITE STATISTICS:**
- EXISTING DISTURBED AREA: 37,600 SF
  - EXISTING IMPERVIOUS SURFACE: 0 SF
  - PROPOSED IMPERVIOUS SURFACE: 111,558 SF
  - EXISTING IMPERVIOUS SURFACE RATIO: 0%
  - PROPOSED IMPERVIOUS SURFACE RATIO: 79%
  - (NOTE RATIOS ARE ONLY FOR DISTURBED AREA)
  - EXISTING BUILDING AREA: 0 SF
  - PROPOSED BUILDING AREA: 6,461 SF
  - EXISTING PERVIOUS AREA: 37,600 SF
  - PROPOSED PERVIOUS AREA: 26,442 SF
  - EXISTING PERVIOUS SURFACE RATIO: 100%
  - PROPOSED PERVIOUS SURFACE RATIO: 70.3%
  - EXISTING PARKING STALLS: 172 (INCLUDES 8 ADA)



- EROSION CONTROL NOTES**
1. THE SITE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES IN ACCORDANCE WITH THE LOCAL GOVERNING AUTHORITY REGULATIONS.
  2. STONE TRACING PAD TO BE LOCATED IN THE FIELD BY CONTRACTOR.
  3. PLACE SILT FENCE OR INLET PROTECTION AT ALL PROPOSED AND EXISTING CATCH BASINS, MANHOLES, AND INLETS IN THE PROJECT AREA FOR THE DURATION OF CONSTRUCTION.
  4. ALL EROSION CONTROL ELEMENTS SHALL REMAIN IN PLACE UNTIL A FINAL GRADING PLAN IS SUBMITTED AND APPROVED BY THE CONTRACTOR. LANDSCAPE AREAS, AND THEN REMOVED BY THE SITE CONTRACTOR.



No.	Description	Date

**CITY OF MADISON**

**DOOR CREEK PARK SHELTER**

MADISON, WI 53703

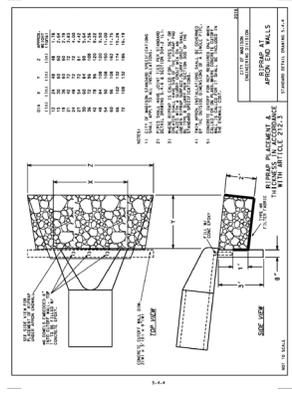
**EROSION CONTROL, SITE GRADING, & UTILITY PLAN**

FOR CONSTRUCTION

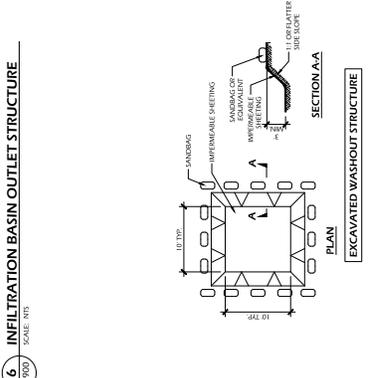
Project number: MSN-2001  
Date: 05-10-2023

**C301**

No.	Description	Date



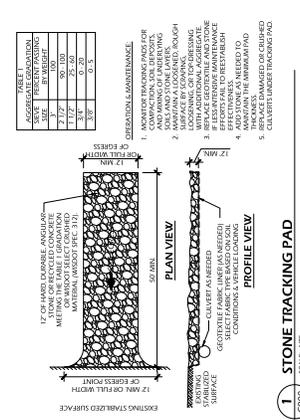
**4 APRON ENDWALL WITH WRAPRAP PAD**  
 SCALE: 1/2\"/>



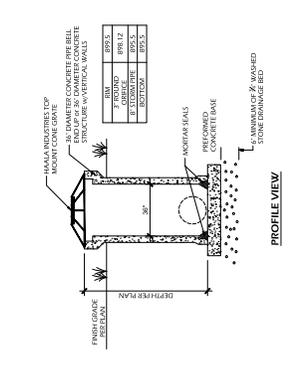
**3 EROSION MAT**  
 SCALE: 1/2\"/>



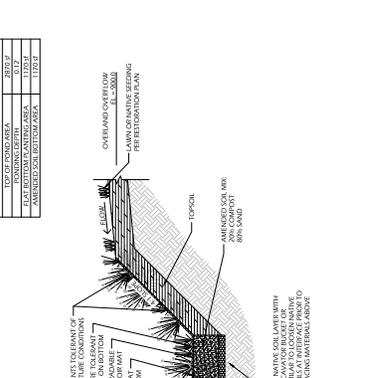
**2 INLET PROTECTION - RIGID FRAME**  
 SCALE: 1/2\"/>



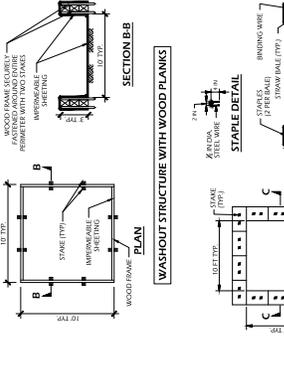
**1 STONE TRACKING PAD**  
 SCALE: 1/2\"/>



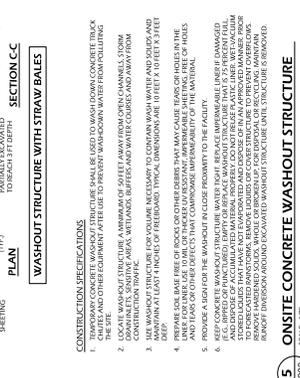
**6 INFILTRATION BASIN OUTLET STRUCTURE**  
 SCALE: 1/2\"/>



**5 ONSITE CONCRETE WASHOUT STRUCTURE**  
 SCALE: 1/2\"/>



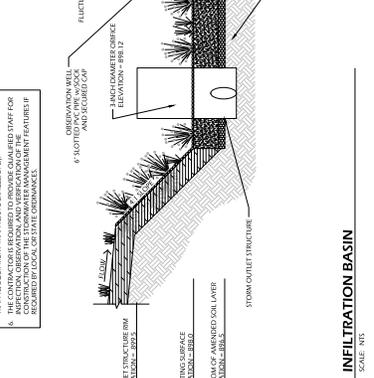
**4 WASHOUT STRUCTURE WITH WOOD PLANKS**  
 SCALE: 1/2\"/>



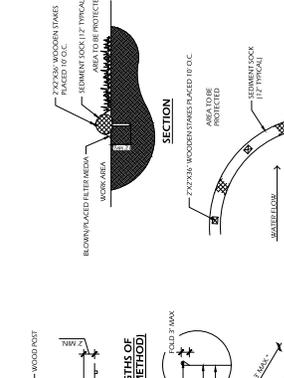
**3 WASHOUT STRUCTURE WITH STRAW BALES**  
 SCALE: 1/2\"/>



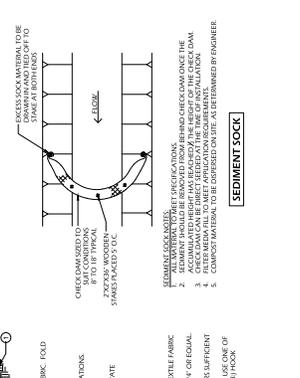
**INFILTRATION BASIN PARAMETERS**  
 SCALE: 1/2\"/>



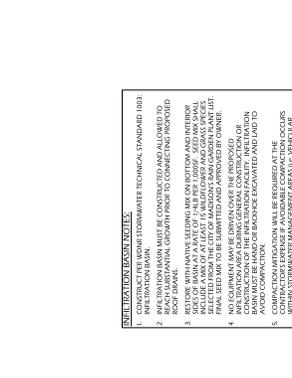
**8 INFILTRATION BASIN**  
 SCALE: 1/2\"/>



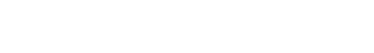
**JOINING TWO LENGTHS OF SILT FENCE (TWIST METHOD)**  
 SCALE: 1/2\"/>



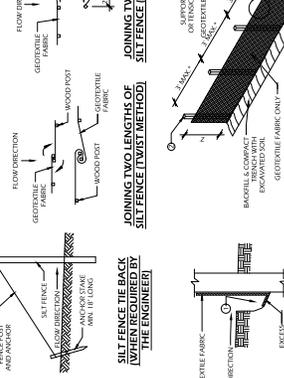
**JOINING TWO LENGTHS OF SILT FENCE (HOOK METHOD)**  
 SCALE: 1/2\"/>



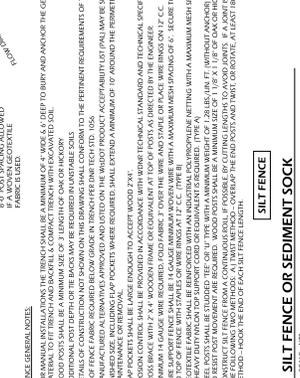
**7 SILT FENCE OR SEDIMENT SOCK**  
 SCALE: 1/2\"/>



**TRENCH DETAIL**  
 SCALE: 1/2\"/>



**SILT FENCE GENERAL NOTES**  
 SCALE: 1/2\"/>



**SILT FENCE GENERAL NOTES**  
 SCALE: 1/2\"/>

1. CONTRACTOR SHALL FOLLOW THE STANDARD TECHNICAL SPECIFICATIONS (STS) FOR INFILTRATION BASINS AS SET FORTH IN THE STS.
2. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
3. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
4. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
5. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
6. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
7. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
8. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
9. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
10. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.

1. CONTRACTOR SHALL FOLLOW THE STANDARD TECHNICAL SPECIFICATIONS (STS) FOR INFILTRATION BASINS AS SET FORTH IN THE STS.
2. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
3. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
4. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
5. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
6. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
7. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
8. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
9. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
10. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.

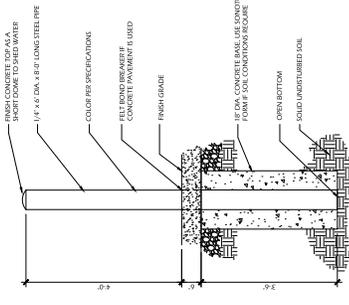
1. CONTRACTOR SHALL FOLLOW THE STANDARD TECHNICAL SPECIFICATIONS (STS) FOR INFILTRATION BASINS AS SET FORTH IN THE STS.
2. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
3. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
4. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
5. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
6. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
7. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
8. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
9. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
10. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.

1. CONTRACTOR SHALL FOLLOW THE STANDARD TECHNICAL SPECIFICATIONS (STS) FOR INFILTRATION BASINS AS SET FORTH IN THE STS.
2. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
3. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
4. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
5. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
6. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
7. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
8. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
9. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
10. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.

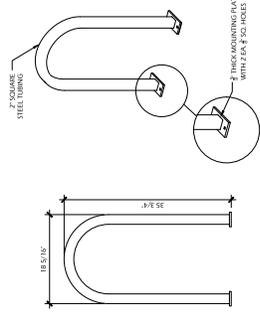
1. CONTRACTOR SHALL FOLLOW THE STANDARD TECHNICAL SPECIFICATIONS (STS) FOR INFILTRATION BASINS AS SET FORTH IN THE STS.
2. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
3. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
4. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
5. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
6. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
7. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
8. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
9. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
10. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.

1. CONTRACTOR SHALL FOLLOW THE STANDARD TECHNICAL SPECIFICATIONS (STS) FOR INFILTRATION BASINS AS SET FORTH IN THE STS.
2. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
3. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
4. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
5. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
6. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
7. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
8. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
9. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
10. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.

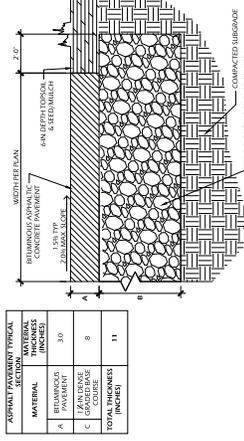
1. CONTRACTOR SHALL FOLLOW THE STANDARD TECHNICAL SPECIFICATIONS (STS) FOR INFILTRATION BASINS AS SET FORTH IN THE STS.
2. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
3. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
4. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
5. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
6. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
7. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
8. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
9. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.
10. INFILTRATION BASIN SHALL BE CONSTRUCTED AND ALLOWED TO CURE AS PER THE STS.



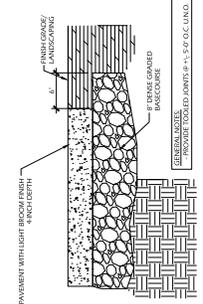
**4 6' ROUND CONCRETE FILLED BOLLARD**  
 SCALE: NTS



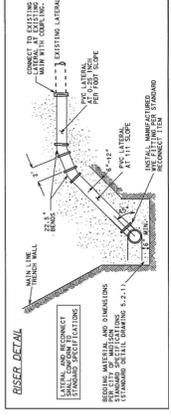
**3 BIKE RACK**  
 SCALE: NTS



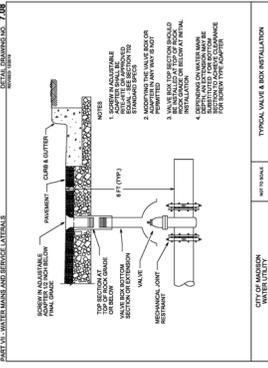
**2 ASPHALT PAVEMENT**  
 SCALE: NTS



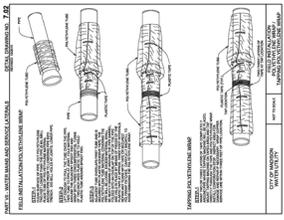
**1 CONCRETE PAVEMENT**  
 SCALE: NTS



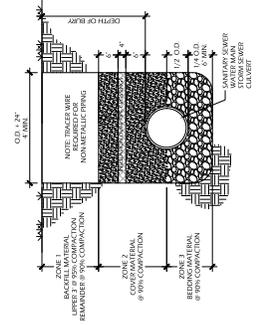
**8 SANITARY LATERAL RISER CONNECTION**  
 SCALE: NTS



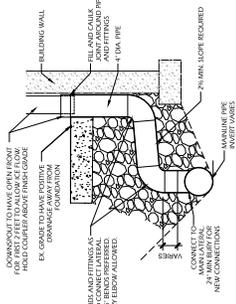
**7 WATER VALVE & VALVE BOX**  
 SCALE: NTS



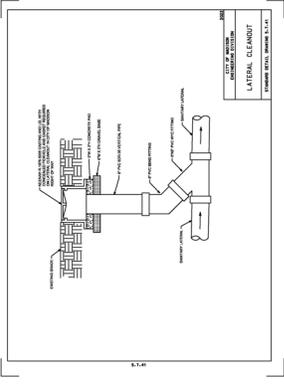
**6 POLYETHYLENE WRAP**  
 SCALE: NTS



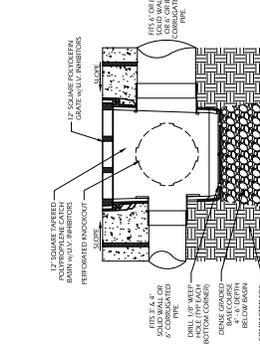
**5 UTILITY TRENCH SECTION**  
 SCALE: NTS



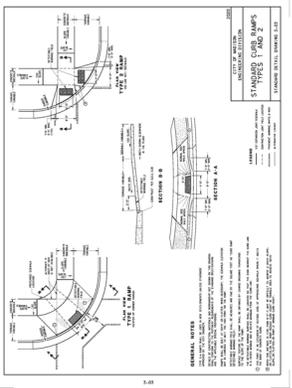
**11 ROOF DRAIN CONNECTOR**  
 SCALE: NTS



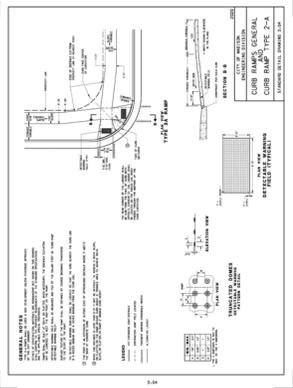
**10 SANITARY LATERAL CLEANOUT**  
 SCALE: NTS



**9 YARD INLET**  
 SCALE: NTS

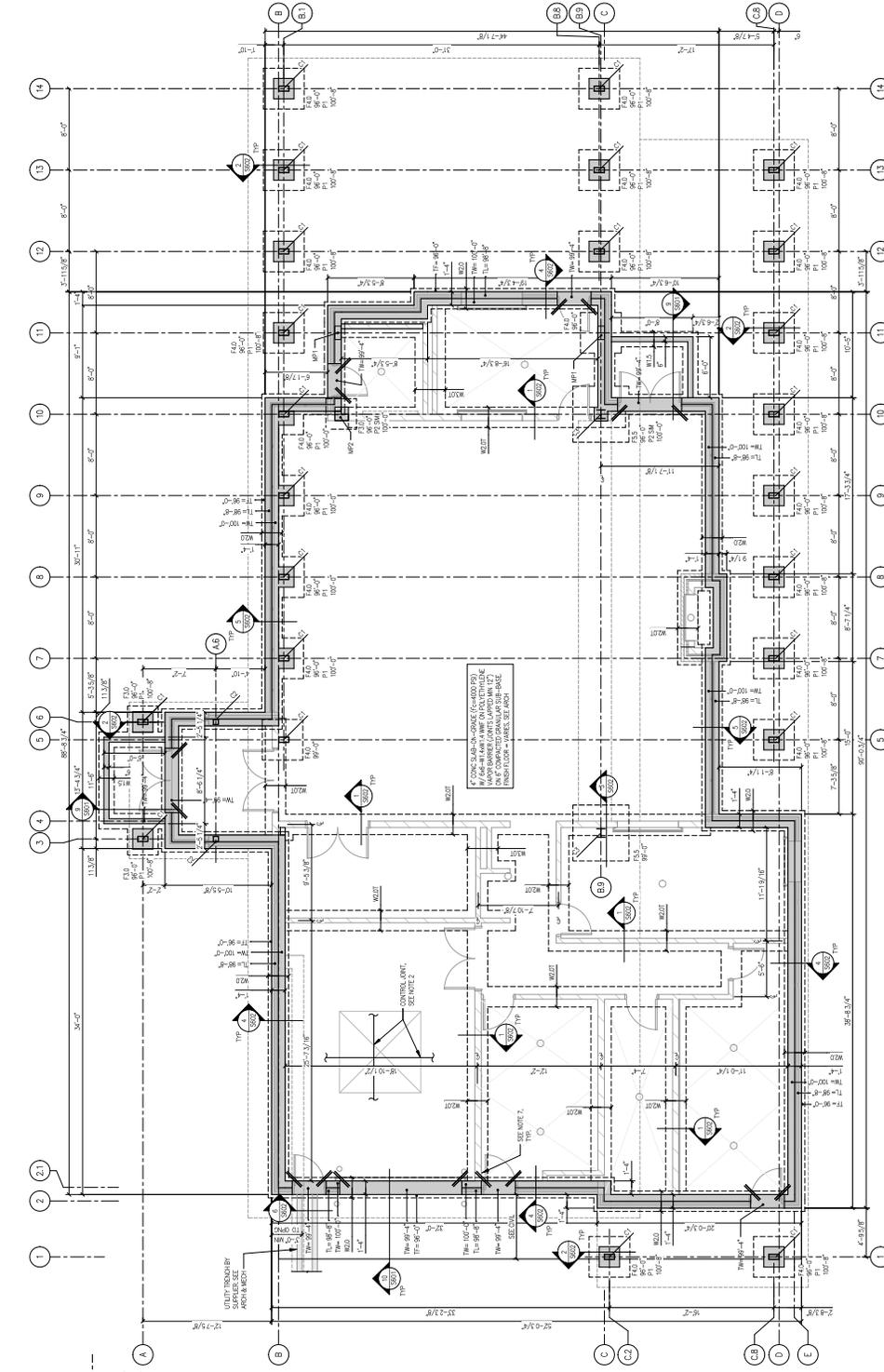


**12 CURB RAMP**  
 SCALE: NTS

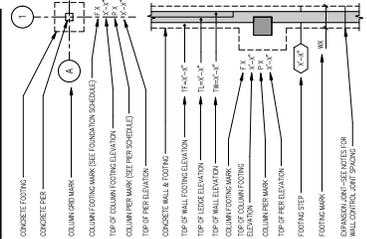


**12 CURB RAMP**  
 SCALE: NTS





**FOUNDATION LEGEND**



**PLAN NOTES**

- SEE SHEET 2001 FOR FOOTING NOTES.
- CONTROL JOINTS ALL CONCRETE SHALL BE SMOOTH AS SHOWN AS THE SCHEDULE. CONTROL JOINTS SHALL BE SMOOTH AS SHOWN AS THE SCHEDULE. CONTROL JOINTS SHALL BE SMOOTH AS SHOWN AS THE SCHEDULE. CONTROL JOINTS SHALL BE SMOOTH AS SHOWN AS THE SCHEDULE.
- CONCRETE WALLS SHALL BE COVERED IMMEDIATELY WITH FORMWORK TO PREVENT CURING CRACKS AND TO PREVENT WATER PENETRATION.
- SEE SHEET 2001 FOR DETAIL 1 FOR ANCHOR BOLT BOLDS.
- SEE SHEET 2001 FOR DETAIL 2 FOR FOOTING AND WALL CORNER.
- SEE SHEET 2001 FOR DETAIL 3 FOR ANCHOR BOLT BOLDS.
- SEE SHEET 2001 FOR DETAIL 4 FOR ANCHOR BOLT BOLDS.
- SEE SHEET 2001 FOR DETAIL 5 FOR ANCHOR BOLT BOLDS.
- SEE SHEET 2001 FOR DETAIL 6 FOR ANCHOR BOLT BOLDS.
- SEE SHEET 2001 FOR DETAIL 7 FOR ANCHOR BOLT BOLDS.
- SEE SHEET 2001 FOR DETAIL 8 FOR ANCHOR BOLT BOLDS.
- SEE SHEET 2001 FOR DETAIL 9 FOR ANCHOR BOLT BOLDS.
- SEE SHEET 2001 FOR DETAIL 10 FOR ANCHOR BOLT BOLDS.
- SEE SHEET 2001 FOR DETAIL 11 FOR ANCHOR BOLT BOLDS.
- SEE SHEET 2001 FOR DETAIL 12 FOR ANCHOR BOLT BOLDS.
- SEE SHEET 2001 FOR DETAIL 13 FOR ANCHOR BOLT BOLDS.
- SEE SHEET 2001 FOR DETAIL 14 FOR ANCHOR BOLT BOLDS.
- SEE SHEET 2001 FOR DETAIL 15 FOR ANCHOR BOLT BOLDS.

**FOOTING SCHEDULE**

FOOTING MARK	FOOTING DIMENSION (W x D)	FOOTING TYPE	BAR SPECIFICATION
F10	3'-0" x 2'-0" x 1'-0"	F-FOOTING	#4-BAR
F15	4'-0" x 4'-0" x 1'-0"	F-FOOTING	#4-BAR
F20	5'-0" x 5'-0" x 1'-0"	F-FOOTING	#4-BAR

**STRIP FOOTING SCHEDULE**

FOOTING DIMENSION (W x D)	FOOTING TYPE	BAR SPECIFICATION
2'-0" x 1'-0"	F-FOOTING	#4-BAR
2'-0" x 2'-0"	F-FOOTING	#4-BAR
2'-0" x 3'-0"	F-FOOTING	#4-BAR

**COLUMN SCHEDULE**

COLUMN MARK	SECTION REFERENCE	TYPE
C1	(SEE DETAIL 2000)	BP1
C2	(SEE DETAIL 2001)	BP2
C3	(SEE DETAIL 2002)	BP3

**PIER SCHEDULE**

PIER MARK	PIER DIMENSION (H x W)	PIER TYPE	REFERENCE
P1	4'-0" x 4'-0"	P-PIER	2-2000
P2	4'-0" x 4'-0"	P-PIER	2-2001
P3	4'-0" x 4'-0"	P-PIER	2-2002

**FOUNDATION PLAN**  
 SCALE: 3/8" = 1'-0"  
 DATE: [ ]

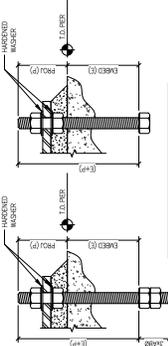
**CITY OF MADISON**

**DOOR CREEK PARK SHELTER**  
**FOUNDATION PLAN**

CONSTRUCTION DOCUMENTS MSN-20-01  
 Project Number: 05/10/2023  
 Date

**S101**



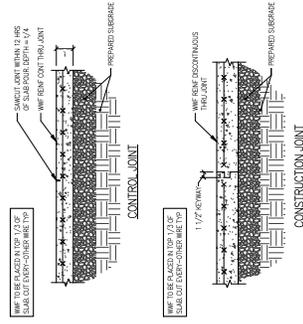


DIAMETER (E-F)	EMBEDMENT DEPTH (D)	EMBEDMENT DEPTH (D)
1/2"	8	4
3/4"	12	4
1"	16	4
1 1/4"	19	4
1 1/2"	21	4
1 3/4"	24	4
2"	28	4
2 1/2"	34	4
3"	40	4

- NOTES:  
1. WASHERS/FLOOR SLAB SHALL BE AS SHOWN.  
2. DROOP OF OPTIMAL FRAME SHALL BE AS SHOWN.  
3. WITH 12" DEPTH.

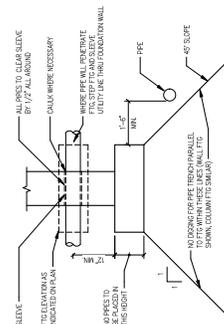
**1 ANCHOR BOLT**  
SCALE: 3/4" = 1'-0"

**2 FOOTING CORNER REINFORCING**  
SCALE: 3/4" = 1'-0"



**7 SLAB JOINTS**  
SCALE: 3/4" = 1'-0"

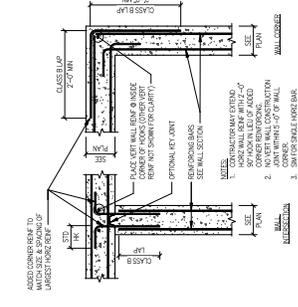
**6 SLAB REINF AT REENTRANT CORNERS W/O CONTROL JTS**  
SCALE: 3/4" = 1'-0"



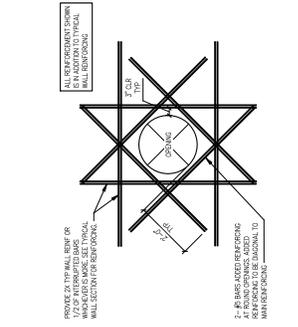
**INTERIOR JOINT**

**PERIMETER JOINT**

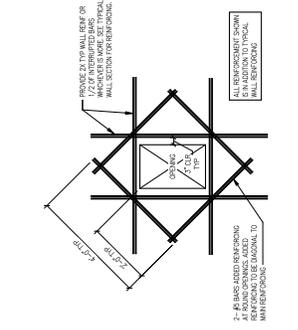
**11 SLAB ISOLATION JOINT DETAILS**  
SCALE: 1/2" = 1'-0"



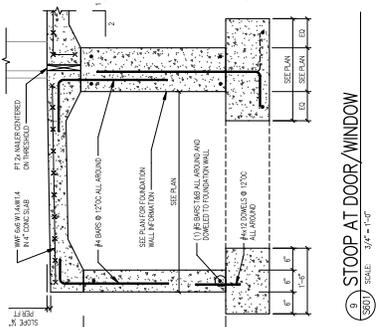
**3 WALL CORNER REINFORCING**  
SCALE: 3/4" = 1'-0"



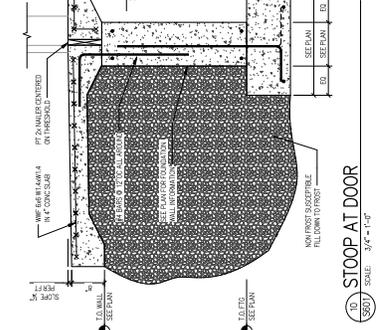
**4 AT ROUND OPENINGS**  
SCALE: 1/2" = 1'-0"



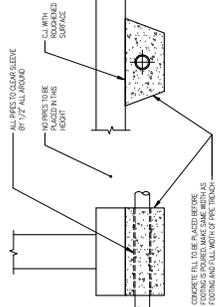
**5 ADDED REINFORCEMENT AT RECTANGULAR OPENINGS**  
SCALE: 1/2" = 1'-0"



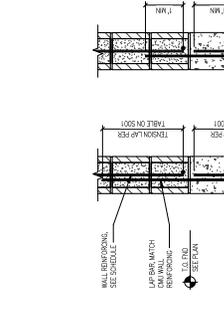
**8 STOOP AT DOOR/WINDOW**  
SCALE: 3/4" = 1'-0"



**10 STOOP AT DOOR**  
SCALE: 3/4" = 1'-0"



**12 PIPE PENETRATION AT WALL FTG**  
SCALE: 1/2" = 1'-0"



**13 CMU WALL TO END WALL**  
SCALE: 1/2" = 1'-0"

**9 WALL CONTROL JOINT**  
SCALE: 3/4" = 1'-0"

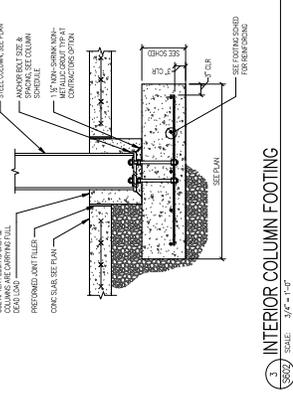
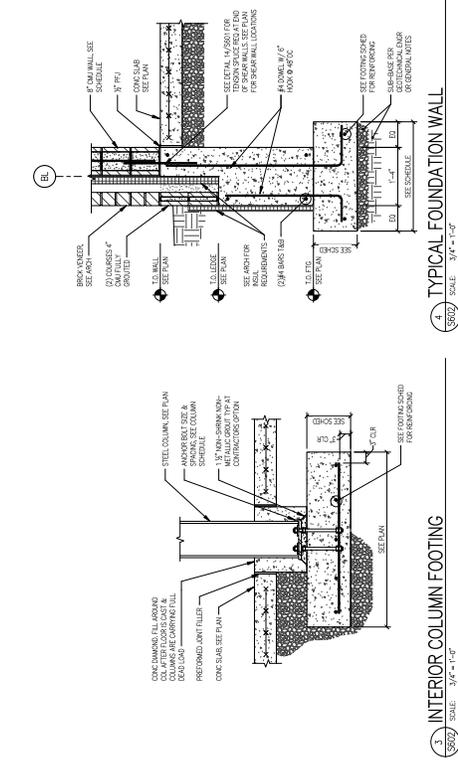
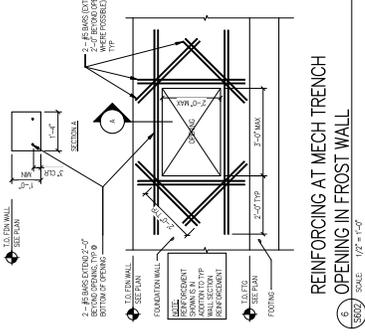
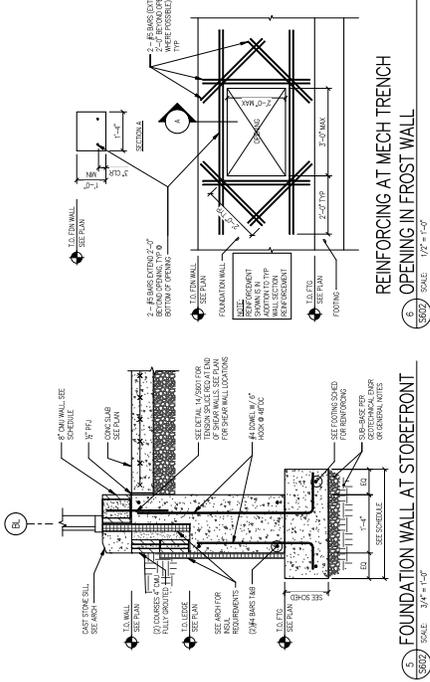
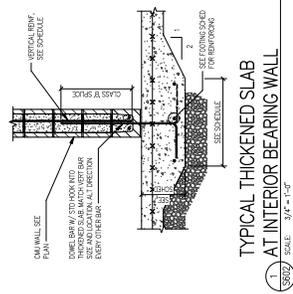
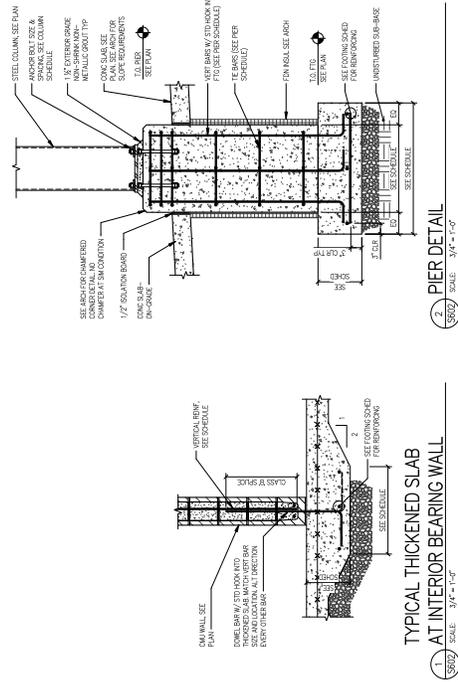
**14 PIPE PENETRATION AT FDN WALL**  
SCALE: 1/2" = 1'-0"

No.	Description	Date

**CITY OF MADISON**  
**DOOR CREEK PARK SHELTER**  
MADISON, WI 53703  
**CONCRETE DETAILS**

CONSTRUCTION DOCUMENTS  
Project Number: MSN-20-01  
Date: 05/10/2023

**S601**

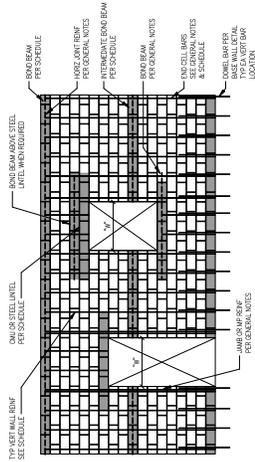


No.	Description	Date

CITY OF MADISON  
DOOR CREEK PARK SHELTER  
MADISON, WI 53703  
CONCRETE DETAILS

CONSTRUCTION DOCUMENTS  
Project Number: MSN-20-01  
Date: 05/10/2023

S602

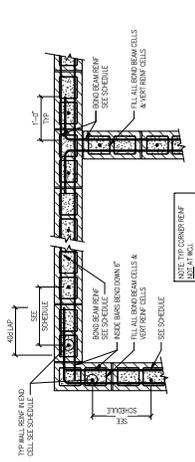


**MASONRY WALL SCHEDULE**

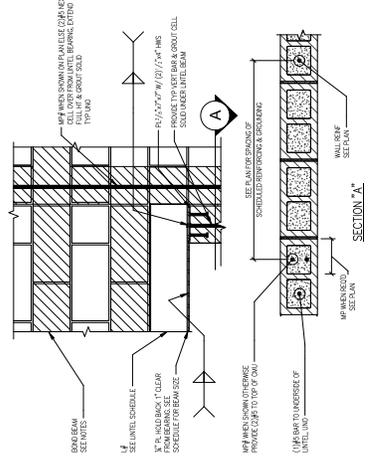
WALL MARK	TYPE	SPAN	SPACING	REINFORCING	REMARKS
W1	B	8'-0"	2'-0"	Ø3M	BOOK BEAM AT TOP OF WALL & TRUSS BRG
W2	B	8'-0"	2'-0"	Ø3M	BOOK BEAM AT TOP OF WALL
W3	B	8'-0"	2'-0"	Ø3M	Ø3M REINFORCING
W4	B	8'-0"	2'-0"	Ø3M	Ø3M REINFORCING

1. WALL MARKS MUST BE IDENTICAL TO THE MASONRY WALL SCHEDULE.
2. LINTEL AND BOND BEAMS ARE REQUIRED ABOVE AND/OR BELOW ALL OPENINGS EXCEPT IF EITHER DIMENSION, THIS INCLUDES BUT NOT LIMITED TO, DOORS AND WINDOWS.
3. BOND BEAMS SHALL BE LOCATED AT THE TOP OF ALL WALLS AND AT THE TOP OF ALL OPENINGS.
4. BOND BEAMS SHALL BE LOCATED AT THE TOP OF ALL WALLS AND AT THE TOP OF ALL OPENINGS.
5. PROVIDE HORIZONTAL JOINT REINFORCEMENT AT THE TOP OF ALL WALLS, REINFORCEMENT SHALL BE LOCATED AT THE TOP OF ALL WALLS.
6. 3" PITCHES BEHIND WALL LOCATIONS PROVIDE FULL TENSION SPACE TO FOUNDATION AT FOOTING OF WALLS. SEE DETAIL 10/2001.

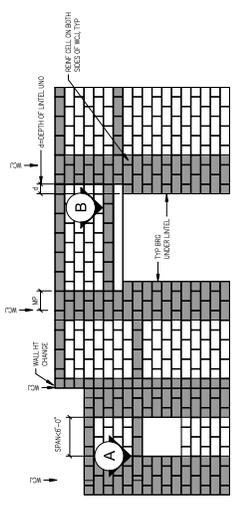
**1 CMU WALL SCHEDULE**  
 SCALE: 3/4" = 1'-0"



**2 MASONRY CORNER REINFORCING**  
 SCALE: 3/4" = 1'-0"



**3 MASONRY LINTEL WALL**  
 SCALE: 1" = 1'-0"

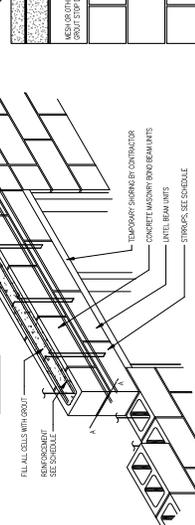


**LINTEL SCHEDULE**

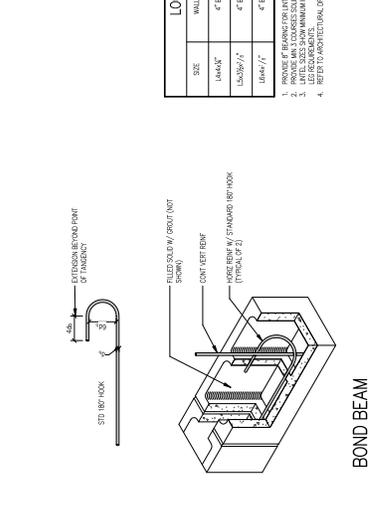
MARK	SIZE (A x B)	REMARKS
L1	8" x 8" CMU W/Ø3M	MAX 4'-0" SPACING
L2	8" x 8" CMU W/Ø3M	ALL USE (A)
L3	8" x 8" CMU W/Ø3M	MAX 4'-0" SPACING
L4	8" x 8" CMU W/Ø3M	3" x 4" WALLS @ 4'-0" OC

1. PROVIDE REINFORCING AT 2'-0" WALL SPACING WITH 1/2" x 1/4" ALLEYS (MAX 4'-0" OC) OF STEEL LINTELS. REINFORCEMENT SHALL BE LOCATED AT THE TOP OF ALL WALLS AND AT THE TOP OF ALL OPENINGS.
2. PROVIDE REINFORCEMENT AT THE TOP OF ALL WALLS, REINFORCEMENT SHALL BE LOCATED AT THE TOP OF ALL WALLS.
3. PROVIDE REINFORCEMENT AT THE TOP OF ALL WALLS, REINFORCEMENT SHALL BE LOCATED AT THE TOP OF ALL WALLS.
4. PROVIDE REINFORCEMENT AT THE TOP OF ALL WALLS, REINFORCEMENT SHALL BE LOCATED AT THE TOP OF ALL WALLS.
5. HOLD BOTTOM WALL BACK 1" CLEAR FROM BEARING.

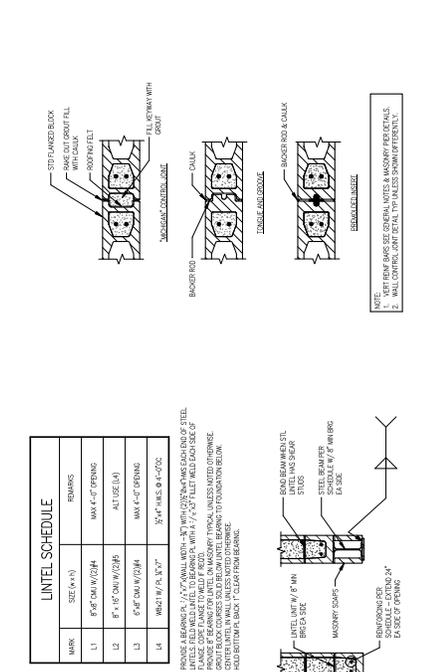
**4 CMU LINTEL SCHEDULE**  
 SCALE: 3/4" = 1'-0"



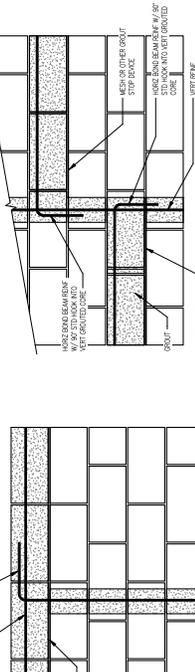
**5 VERTICAL REINFORCING AT TOP OF WALL**  
 SCALE: 3/4" = 1'-0"



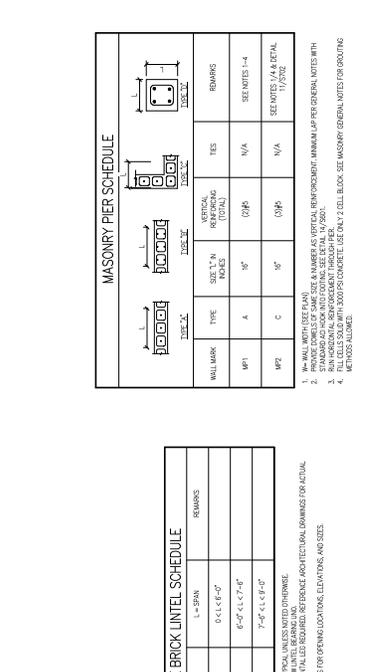
**6 LOOSE BRICK LINTEL SCHEDULE**  
 SCALE: 3/4" = 1'-0"



**7 MASONRY CONTROL JOINTS**  
 SCALE: 1" = 1'-0"



**8 OFFSET BOND BEAM**  
 SCALE: 1" = 1'-0"



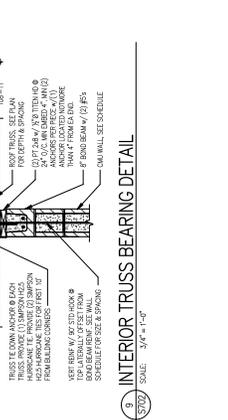
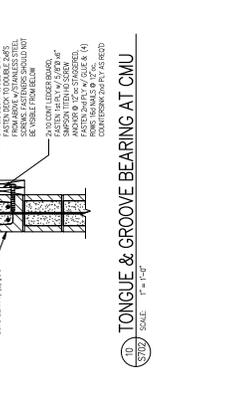
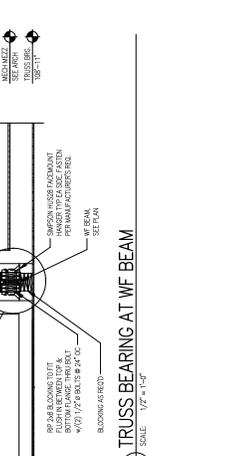
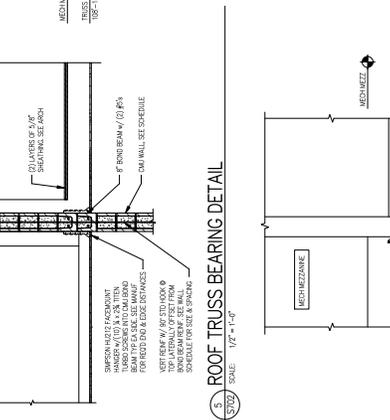
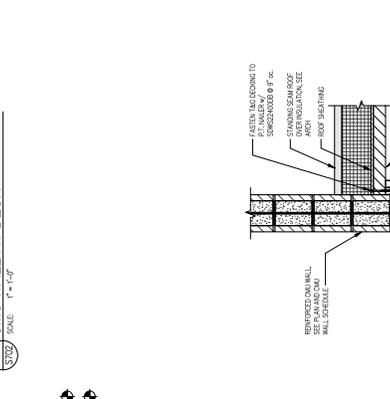
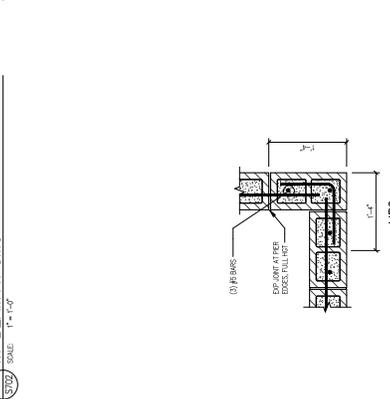
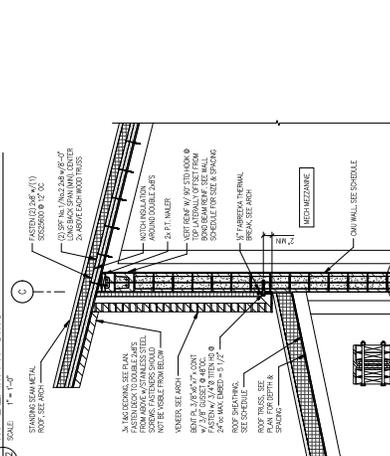
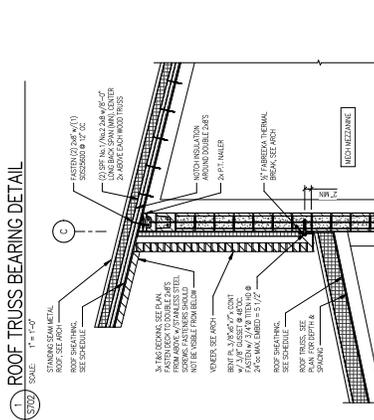
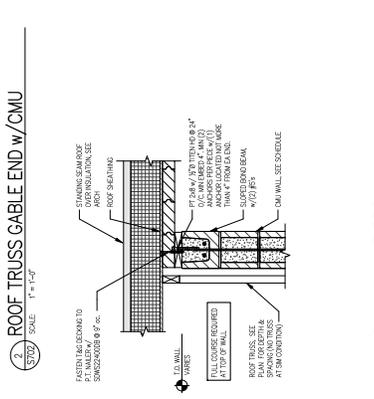
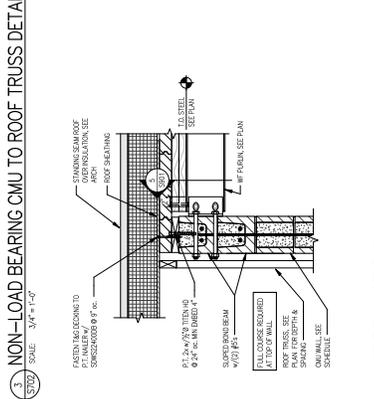
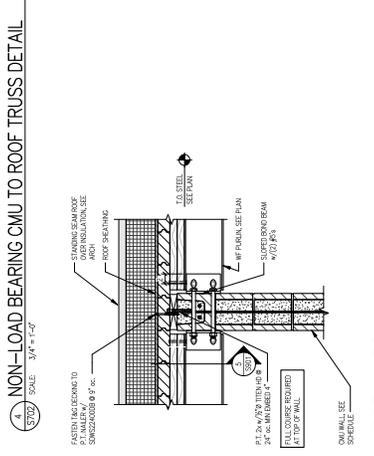
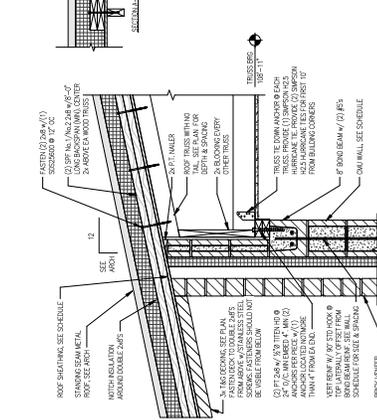
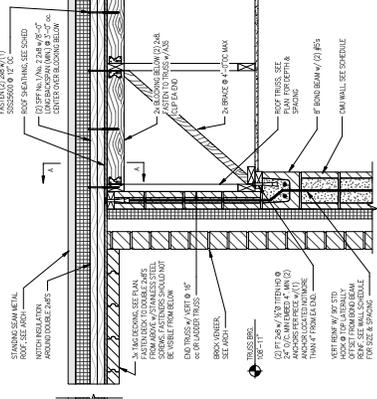
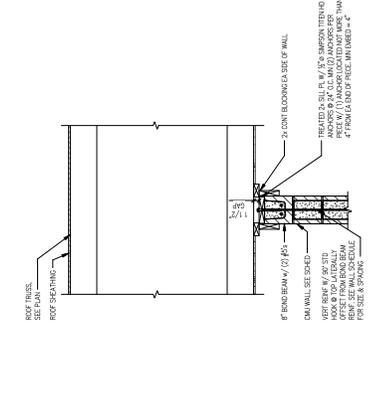
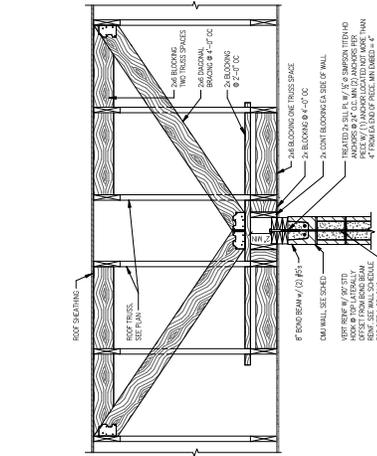
**9 MASONRY PIER SCHEDULE**  
 SCALE: 1" = 1'-0"

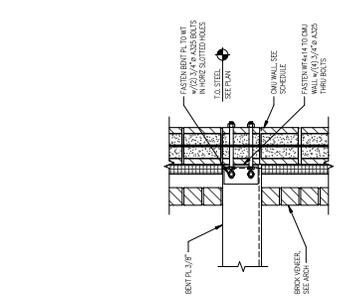
No.	Description	Date

**CITY OF MADISON**  
**DOOR CREEK PARK**  
**SHELTER**  
MADISON, WI 53703  
**MASONRY DETAILS**

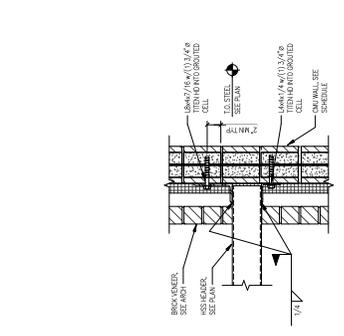
CONSTRUCTION DOCUMENTS	MNS-20-01
Project Number	05/10/2023
Date	

**S702**

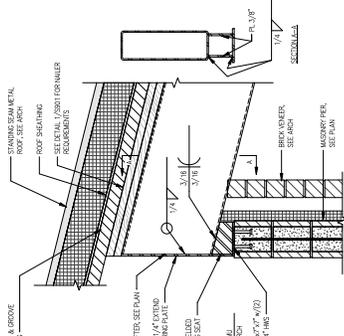




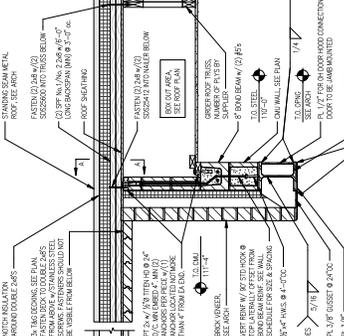
1 SECTION AT OH DOOR  
 SCALE: 3/4" = 1'-0"



2 SECTION AT MASONRY PIER  
 SCALE: 1" = 1'-0"



3 SECTION AT GROUND  
 SCALE: 1" = 1'-0"



4 SECTION AT FIREPLACE  
 SCALE: 1" = 1'-0"



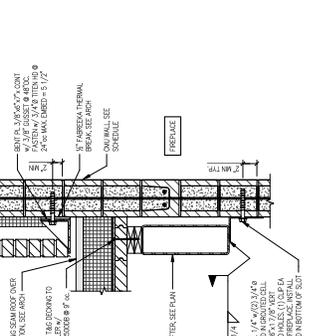
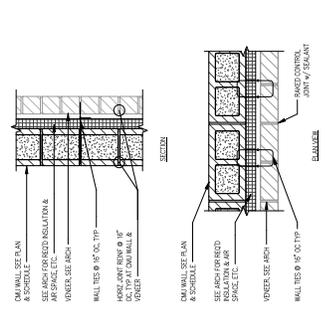
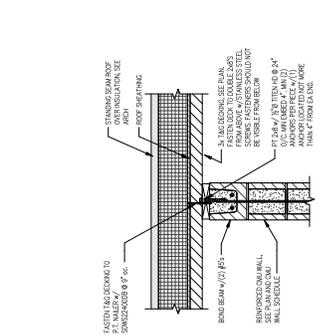
5 SECTION AT MASONRY PIER  
 SCALE: 1" = 1'-0"

6 TYPICAL WALL TIE DETAIL  
 SCALE: 1/2\"/>

7 TONGUE & GROOVE AT CMU  
 SCALE: 1" = 1'-0"

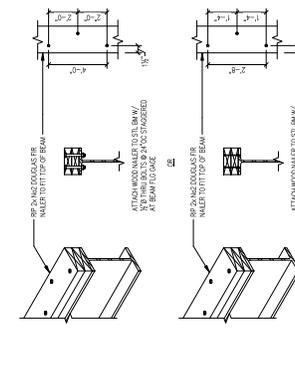
8 HSS HEADER AT CMU  
 SCALE: 1" = 1'-0"

9 BENT PLATE TO CMU  
 SCALE: 1" = 1'-0"

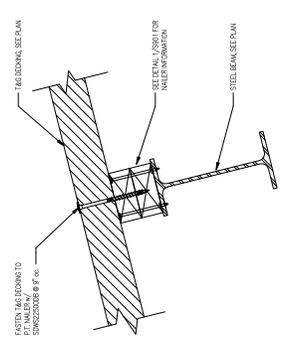


No.	Description	Date

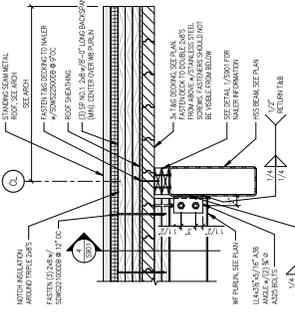
CITY OF MADISON  
 DOOR CREEK PARK SHELTER  
 MADISON, WI 53703  
 MASONRY DETAILS



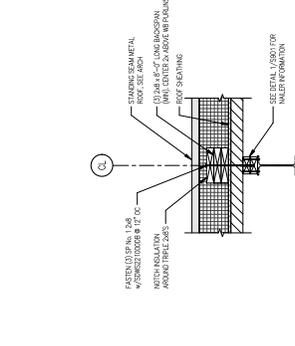
**1. TYPICAL NAILER TO STEEL BEAM DETAILS**  
 SCALE: 1/4\"/>



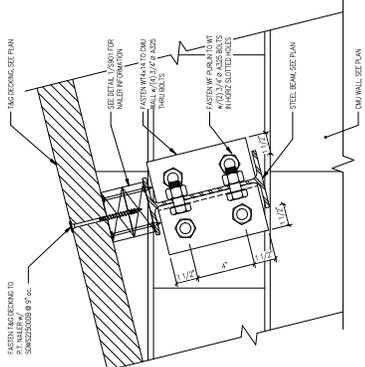
**2. DECK AT STEEL BEAM**  
 SCALE: 1/2\"/>



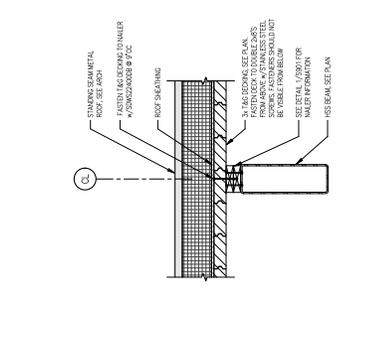
**3. DECK AT STEEL BEAM**  
 SCALE: 1/2\"/>



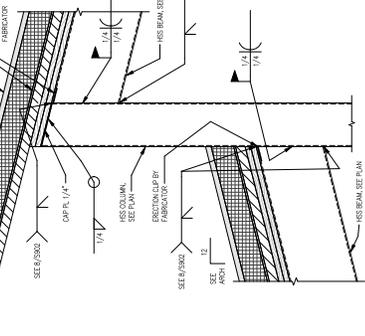
**4. DECK AT STEEL BEAM**  
 SCALE: 1/2\"/>



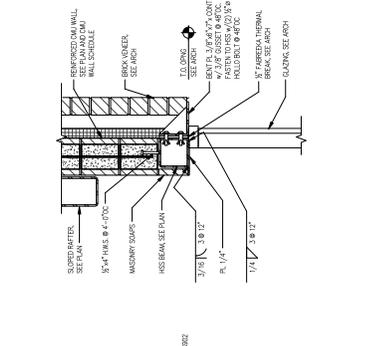
**5. STEEL BEAM TO CMU**  
 SCALE: 1/2\"/>



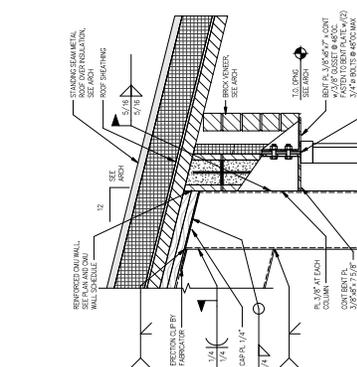
**6. DECK AT EXTERIOR STEEL BEAM**  
 SCALE: 1/2\"/>



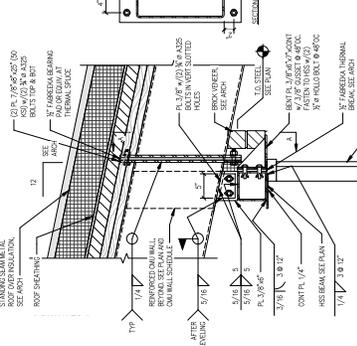
**7. HSS COLUMN TO BEAM CONNECTION**  
 SCALE: 1/2\"/>



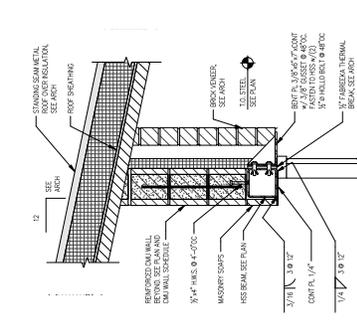
**8. SECTION AT EAST GLAZING**  
 SCALE: 1/4\"/>



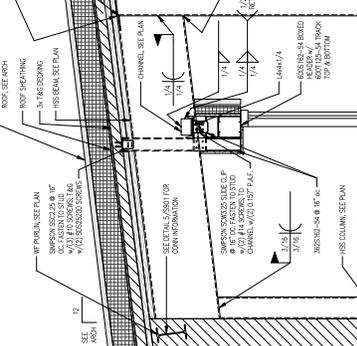
**9. SECTION AT NORTH GLAZING**  
 SCALE: 1/4\"/>



**10. SECTION AT SOUTH GLAZING AT RAFTER**  
 SCALE: 1/4\"/>



**11. SECTION AT SOUTH GLAZING**  
 SCALE: 1/4\"/>



**12. SECTION AT WEST GLAZING**  
 SCALE: 1/4\"/>



**13. SECTION AT VESTIBULE**  
 SCALE: 3/8\"/>

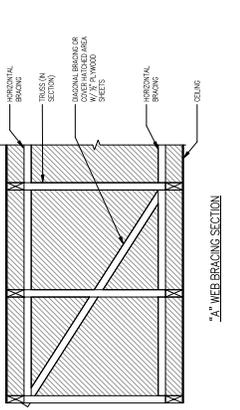
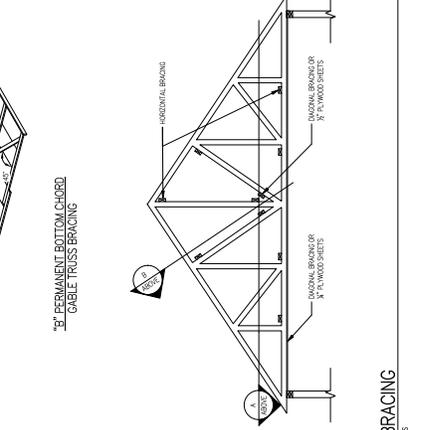
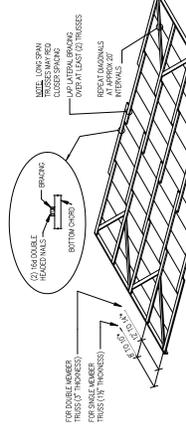
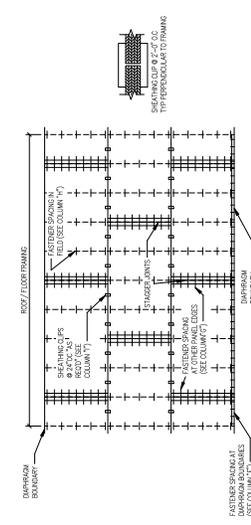
No.	Description	Date



**MINIMUM FASTENING SCHEDULE (LINO)**

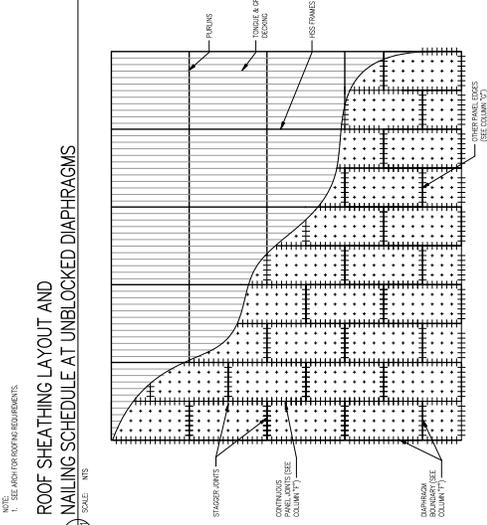
PER 2015 IBC & WISCONSIN COMMERCIAL BUILDING CODE TABLE 2304.10.1

CONNECTION	FASTENING	LOCATION
ROOF		
1. BLOCKING BETWEEN BATTERS OR TRUSSES	3 - 1/4" COMMON	EACH END, TYPICAL
2. FLAT BLOCKING TO TRUSS & WEB FLUER	1/2" COMMON @ 7' OC	FACE WALL
3. CEILING JOIST TO PLATE	3 - 1/4" COMMON	EACH END, TYPICAL
4. CEILING JOIST, LAP OR OVERLAPPING	3 - 1/4" COMMON MINIMUM (SEE TABLE 2304.13.1)	FACE WALL
5. CEILING JOIST TO PARALLEL BATTERS	3 - 1/4" COMMON MINIMUM (SEE TABLE 2304.13.1)	FACE WALL
6. COLLAR OR TRUSS TO TOP PLATE	3 - 1/4" COMMON	TYPICAL
7. RAFTER OR TRUSS TO TOP PLATE	3 - 1/4" COMMON	TYPICAL
8. ROOF BATTERS TO BRIDGE WALL OR WAF TRUSS (OR ROOF TRUSS)	2 - 1/4" COMMON	TYPICAL
9. DOUBLE END POST (AT BRIDGE WALL PANELS)	3 - 1/2" COMMON @ 7' OC	TYPICAL
10. DOUBLE END POST (AT BRIDGE WALL PANELS)	1/2" COMMON @ 7' OC	FACE WALL
11. DOUBLE END POST (AT BRIDGE WALL PANELS)	1/2" COMMON @ 7' OC	FACE WALL
12. DOUBLE END POST (AT BRIDGE WALL PANELS)	1/2" COMMON @ 7' OC	FACE WALL
13. DOUBLE END POST (AT BRIDGE WALL PANELS)	1/2" COMMON @ 7' OC	FACE WALL
14. DOUBLE END POST (AT BRIDGE WALL PANELS)	1/2" COMMON @ 7' OC	FACE WALL
15. DOUBLE END POST (AT BRIDGE WALL PANELS)	1/2" COMMON @ 7' OC	FACE WALL
16. DOUBLE END POST (AT BRIDGE WALL PANELS)	1/2" COMMON @ 7' OC	FACE WALL
17. STUD TO TOP PLATE OR BRIDGE WALL	2 - 1/4" COMMON	TYPICAL
18. TOP PLATE OR BOTTOM PLATE TO STUD	2 - 1/4" COMMON	TYPICAL
WALL		
19. TOP PLATE LAP AT INTERSECTION	2 - 1/4" COMMON	FACE WALL
20. TOP PLATE LAP AT INTERSECTION	2 - 1/4" COMMON	FACE WALL
21. TOP PLATE LAP AT INTERSECTION	2 - 1/4" COMMON	FACE WALL
22. TOP PLATE LAP AT INTERSECTION	2 - 1/4" COMMON	FACE WALL
FLOOR		
23. JOIST TO WALL, TOP PLATE OR BRIDGE	3 - 1/4" COMMON	TYPICAL
24. JOIST BRACKET OR BLOCKING TO TOP PLATE, WALL OR BRIDGE	3 - 1/4" COMMON	TYPICAL
25. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
26. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
27. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
28. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
29. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
30. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
31. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
32. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
33. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
34. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
35. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
36. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
37. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
38. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
39. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
40. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
41. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
42. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
43. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
44. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
45. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
46. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
47. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
48. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
49. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
50. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
51. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
52. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
53. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
54. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
55. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
56. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
57. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
58. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
59. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
60. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
61. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
62. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
63. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
64. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
65. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
66. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
67. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
68. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
69. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
70. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
71. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
72. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
73. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
74. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
75. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
76. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
77. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
78. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
79. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
80. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
81. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
82. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
83. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
84. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
85. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
86. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
87. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
88. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
89. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
90. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
91. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
92. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
93. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
94. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
95. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
96. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
97. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
98. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
99. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL
100. TOP JOIST OR JOIST TO EACH JOIST	2 - 1/4" COMMON	FACE WALL



**ROOF SHEATHING SCHEDULE AT TRUSSES**

A	B	C	D	E	F	G	H	I
ROOF TRUSSES	1/4" X 4" WOOD JOIST	COMMON						
DECK	1/2" OSB	1/2" OSB						
FASTENING	2 - 1/4" COMMON	2 - 1/4" COMMON	2 - 1/4" COMMON	2 - 1/4" COMMON	2 - 1/4" COMMON	2 - 1/4" COMMON	2 - 1/4" COMMON	2 - 1/4" COMMON
DIAPHRAGM	5/8" X 8" LVL	5/8" X 8" LVL	5/8" X 8" LVL	5/8" X 8" LVL	5/8" X 8" LVL	5/8" X 8" LVL	5/8" X 8" LVL	5/8" X 8" LVL
FASTENING	3 - 1/4" COMMON	3 - 1/4" COMMON	3 - 1/4" COMMON	3 - 1/4" COMMON	3 - 1/4" COMMON	3 - 1/4" COMMON	3 - 1/4" COMMON	3 - 1/4" COMMON



**TONGUE & GROOVE SHEATHING SCHEDULE**

A	B	C	D	E	F	G	H	
ROOF TRUSSES	1/4" X 4" WOOD JOIST	COMMON						
DECK	1/2" OSB	1/2" OSB						
FASTENING	2 - 1/4" COMMON	2 - 1/4" COMMON	2 - 1/4" COMMON	2 - 1/4" COMMON	2 - 1/4" COMMON	2 - 1/4" COMMON	2 - 1/4" COMMON	2 - 1/4" COMMON
DIAPHRAGM	5/8" X 8" LVL	5/8" X 8" LVL	5/8" X 8" LVL	5/8" X 8" LVL	5/8" X 8" LVL	5/8" X 8" LVL	5/8" X 8" LVL	5/8" X 8" LVL
FASTENING	3 - 1/4" COMMON	3 - 1/4" COMMON	3 - 1/4" COMMON	3 - 1/4" COMMON	3 - 1/4" COMMON	3 - 1/4" COMMON	3 - 1/4" COMMON	3 - 1/4" COMMON

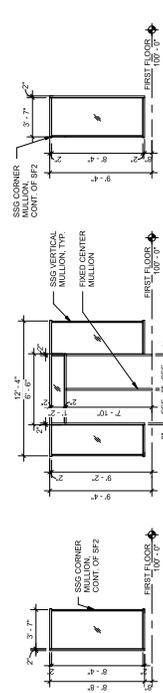


**MINIMUM FASTENING SCHEDULE**

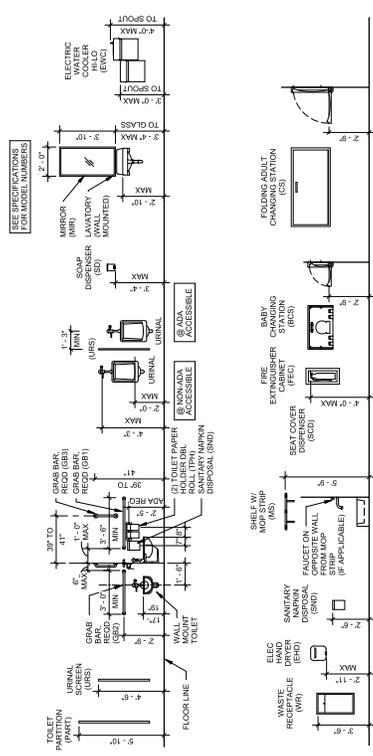
SCALE: 1/8" = 1'-0"

DOOR NUMBER	DOOR				FRAME				MISCELLANEOUS						
	LEAF SIZE		HEIGHT	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	HEAD	JAMB	OTHER	FINISH	FIRE RATING	HDMR SET	REMARKS
	WIDTH	WIDTH													
100A	12'-0"	12'-0"	7'-10"	NS	NS	NSU	SP	AL	AL		ANOD	01A			
100B	12'-0"	12'-0"	7'-10"	NS	NS	NSU	SP	AL	AL		ANOD	01A			
101	12'-0"	12'-0"	7'-10"	NS	NS	NSU	SP	AL	AL		ANOD	01C			
102	12'-0"	12'-0"	7'-10"	NS	NS	NSU	SP	AL	AL		ANOD	01C			
103	12'-0"	12'-0"	7'-10"	F	F	HM	SP	PT-3	PT-3	2x5x11	PT-3	01A			
103B	12'-0"	12'-0"	7'-10"	F	F	HM	SP	PT-3	PT-3	2x5x11	PT-3	01A			
104	12'-0"	12'-0"	7'-10"	F	F	HM	SP	PT-3	PT-3	2x5x11	PT-3	01B			
104B	12'-0"	12'-0"	7'-10"	F	F	HM	SP	PT-3	PT-3	2x5x11	PT-3	01B			
105	12'-0"	12'-0"	7'-10"	F	F	HM	SP	PT-3	PT-3	2x5x11	PT-3	01B			
105B	12'-0"	12'-0"	7'-10"	F	F	HM	SP	PT-3	PT-3	2x5x11	PT-3	01B			
106	12'-0"	12'-0"	7'-10"	F	F	HM	SP	PT-3	PT-3	2x5x11	PT-3	01B			
106B	12'-0"	12'-0"	7'-10"	F	F	HM	SP	PT-3	PT-3	2x5x11	PT-3	01B			
107	12'-0"	12'-0"	7'-10"	CC-1	CC-1	AL					PT-3	01B			
108	12'-0"	12'-0"	7'-10"	CC-2	CC-2	AL					PT-3	01B			
113	12'-0"	12'-0"	7'-10"	CC-4	CC-4	AL					PT-3	01B			

**GENERAL NOTE: ALL EXTERIOR STOREFRONT GLAZING TO BE GL-IT**  
**DOOR AND HARDWARE SCHEDULE ABBREVIATIONS**  
 AL = ALUMINUM  
 ANOD = ANODIZED ALUMINUM  
 HM = HOLLOW METAL  
 SS = STAINLESS STEEL  
 WD = WOOD



**1 SF1** 3'10" x 1'0"  
**2 SF2** 3'10" x 1'0"  
**3 SF3** 3'10" x 1'0"  
**4 SF4** 3'10" x 1'0"  
**5 SF5** 3'10" x 1'0"  
**6 SF6** 3'10" x 1'0"  
**7 SF7** 3'10" x 1'0"  
**8 SF8** 3'10" x 1'0"  
**9 SF9** 3'10" x 1'0"  
**10 SF10** 3'10" x 1'0"



**12 ADA ACCESSORY MOUNTING HEIGHTS**  
 13" x 1'0"

ABBREVIATIONS:	HATCH SYMBOLS
MA - MASONRY WITH INSULATION ACT	FLUSH DOOR
APF - ABOVE FINISHED FLOOR	HOLLOW METAL
B.O. - BASE OF PANEL	F
CC - CONTRACTOR FURNISHED CONTRACTOR INSTALLED	ALUMINUM
CL - CENTERLINE	MS
CLR - CLEAR	MEDIA STYLE ALUMINUM DOOR
CM - CENTERLINE	MEZZ
DM - DIMENSION	OVERHEAD
EA - EACH	CO-1
EC - ELECTRICAL CONTRACTOR	CO-2
ED - END	CO-3
EO - END OF PANEL	CO-4
EQ - EQUAL	CC-1
FC - FREE EXTENSIBLER CABINET	CC-2
GC - GENERAL CONTRACTOR	CC-3
GL - GLASS	CC-4
GM - GENERAL MANUFACTURER	1 HOUR FIRE RATED MECHANICAL MEZZANINE DOOR
MB - MASONRY	INTERNAL COUNTER CEILING DOOR
MD - MOUNTED	EXTERIOR COUNTER MOUNTED DOOR
MTD - MOUNTED	EXTERIOR COUNTER CEILING - INSULATED DOOR
NTS - NOT TO SCALE	ALL EXTERIOR DOORS TO BE INSULATED
OFF - OWNER FURNISHED CONTRACTOR INSTALLED	
OPP - OPPOSITE	
PT - PARTITION	
T.O. - TOP OF	
TY - TYPICAL	
UNO - UNLESS NOTED OTHERWISE	
W - WITH	

**13 FRAME TYPES**  
 13" x 1'0"

**14 DOOR TYPES**  
 13" x 1'0"

No.	Description	Date
1	Revised Set	

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	05/10/2023

**CODE ANALYSIS:**

**APPLICABLE CODES:**  
 WISCONSIN INTERNATIONAL BUILDING CODE 2018 - EFFECTIVE MAY 7, 2019 (BASED ON 2015 INTERNATIONAL BUILDING CODE WITH WISCONSIN AMENDMENTS - SPS 301 & 303)  
 WISCONSIN INTERNATIONAL MECHANICAL CODE WITH WISCONSIN AMENDMENTS (SPS 304)  
 2015 INTERNATIONAL MECHANICAL CODE WITH WISCONSIN AMENDMENTS (SPS 304)  
 2019 INTERNATIONAL FUEL GAS CODE WITH WISCONSIN AMENDMENTS (SPS 305)  
 2009 WISCONSIN PLUMBING CODE - SPS 301-307  
 WISCONSIN STATE ELECTRICAL CODE - SPS 316  
 BUILDING USE AND OCCUPANCY CLASSIFICATION: GROUP A3 (RECREATION, COMMUNITY HALL)

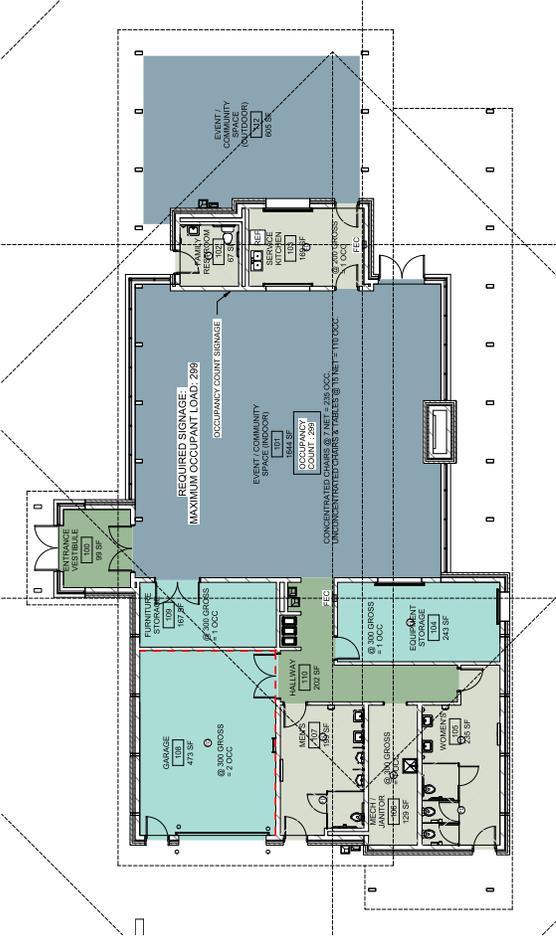
**CONSTRUCTION TYPES:**  
 I - REINFORCED CONCRETE  
 II - MASONRY  
 III - STEEL DECK WITH CAST-IN-PLACE CONCRETE  
 IV - METAL DECK WITH CAST-IN-PLACE CONCRETE

**WORK AREA:**  
 PROJECT WORK AREA = FIRST FLOOR = 6,308 SF  
 RATED CONSTRUCTION: EXISTING EXTERIOR WALL FRAME 0 HR  
 FLOOR CONSTRUCTION 0 HR  
 ROOF CONSTRUCTION 0 HR  
 MECHANICAL SYSTEM 1 HR  
 OCCUPANT LOAD:  
 AS OCCUPANCY = 250 OCCUPANTS (INTERIOR)  
 AS OCCUPANCY = 250 OCCUPANTS (INTERIOR)

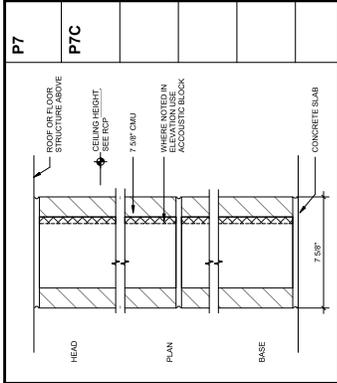
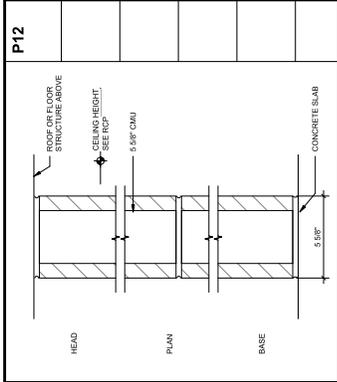
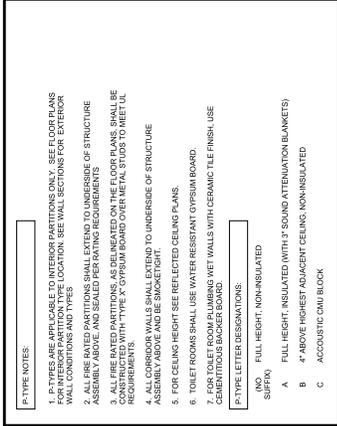
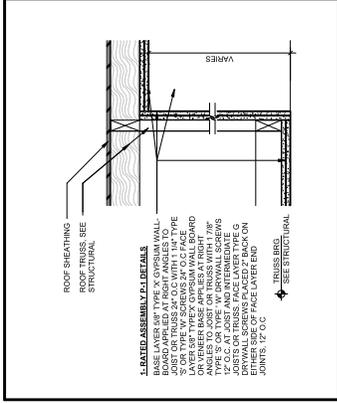
**MEANS OF EGRESS:**  
 SECTION 1003.1.1 - OTHER EGRESS COMPONENTS (WIDTH) - 7 FEET OCCUPANT FOR OTHER EGRESS COMPONENTS - 7, 8, 9, 9A, 10, 10B, 10C, 10D, 10E, 10F, 10G, 10H, 10I, 10J, 10K, 10L, 10M, 10N, 10O, 10P, 10Q, 10R, 10S, 10T, 10U, 10V, 10W, 10X, 10Y, 10Z PROVIDED  
 SECTION 1003.1.1.1 - PANIC HARDWARE  
 DOOR WIDTH PROVIDED = 12" MIN  
 SECTION 1003.1.2.1  
 DOORS MUST SWING IN THE DIRECTION OF TRAVEL FOR OCCUPANT LOAD OF 50 OR GREATER  
 DOORS SERVING ROOMS WITH AN OCCUPANT LOAD OF 50 OR GREATER MUST BE PROVIDED WITH PANIC HARDWARE AND HARDWARE PROVIDED WITH PANIC HARDWARE AND HARDWARE BE PROVIDED WITH TWO MEANS OF EGRESS ALLOWED FOR OCCUPANT LOAD OF 1,500  
 SECTION 1003.1.2.2 - EXIT ACCESS TRAVEL DISTANCE  
 ACTUAL TRAVEL DISTANCE = 94' (FIRST FLOOR)  
 SECTION 1003.1.2.3 - PORTABLE FIRE EXTINGUISHERS  
 TO EACH OCCUPANCY = MAXIMUM TRAVEL DIST OF 75'

**PLUMBING FEATURES:**  
 AS OCCUPANCY (BANQUET HALL USE) 299  
 PLUMBING FIXTURES: 1 PER 75  
 REQUIRED 9 WC  
 (10) 100% PVC AND ORIGINAL  
 LAUNDRESSES: 1 PER 200  
 PROVIDED: 5 LAVS  
 DRINKING FOUNTAIN: 1 PROVIDED  
 SERVICE SINK: 1 PROVIDED

--- 1 HOUR RATED



1 FIRST FLOOR CODE PLAN  
 05/21/23

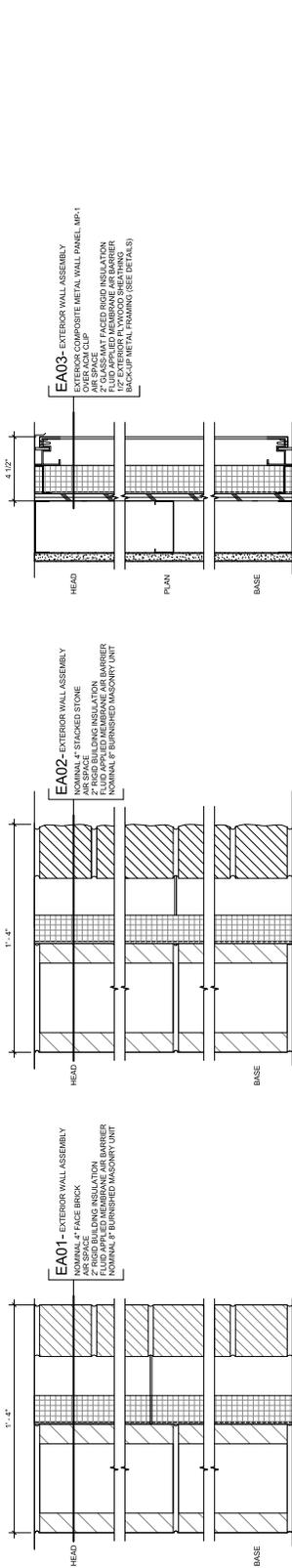


**DETAIL AT RATED ASSEMBLY**

1.12" x 1.12"

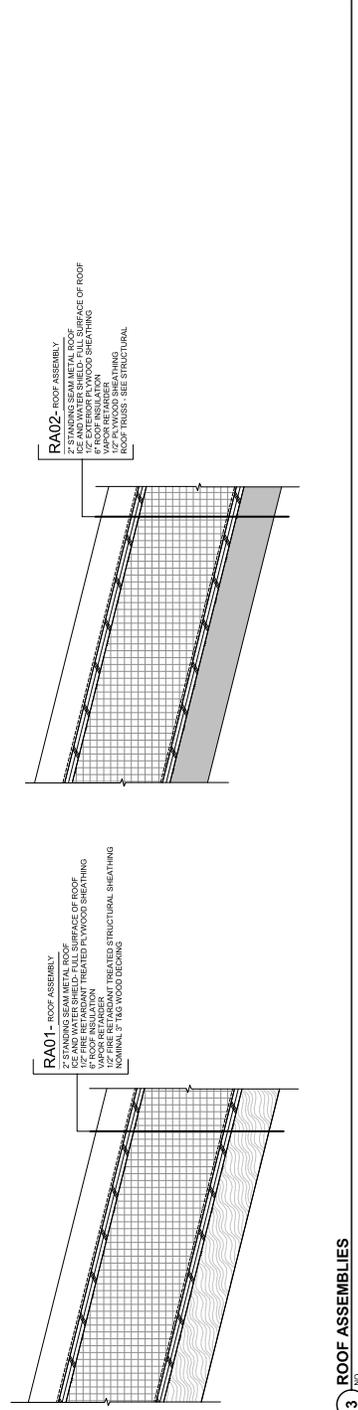
**1**

NO



**2**

NO



**3**

NO

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

CITY OF MADISON

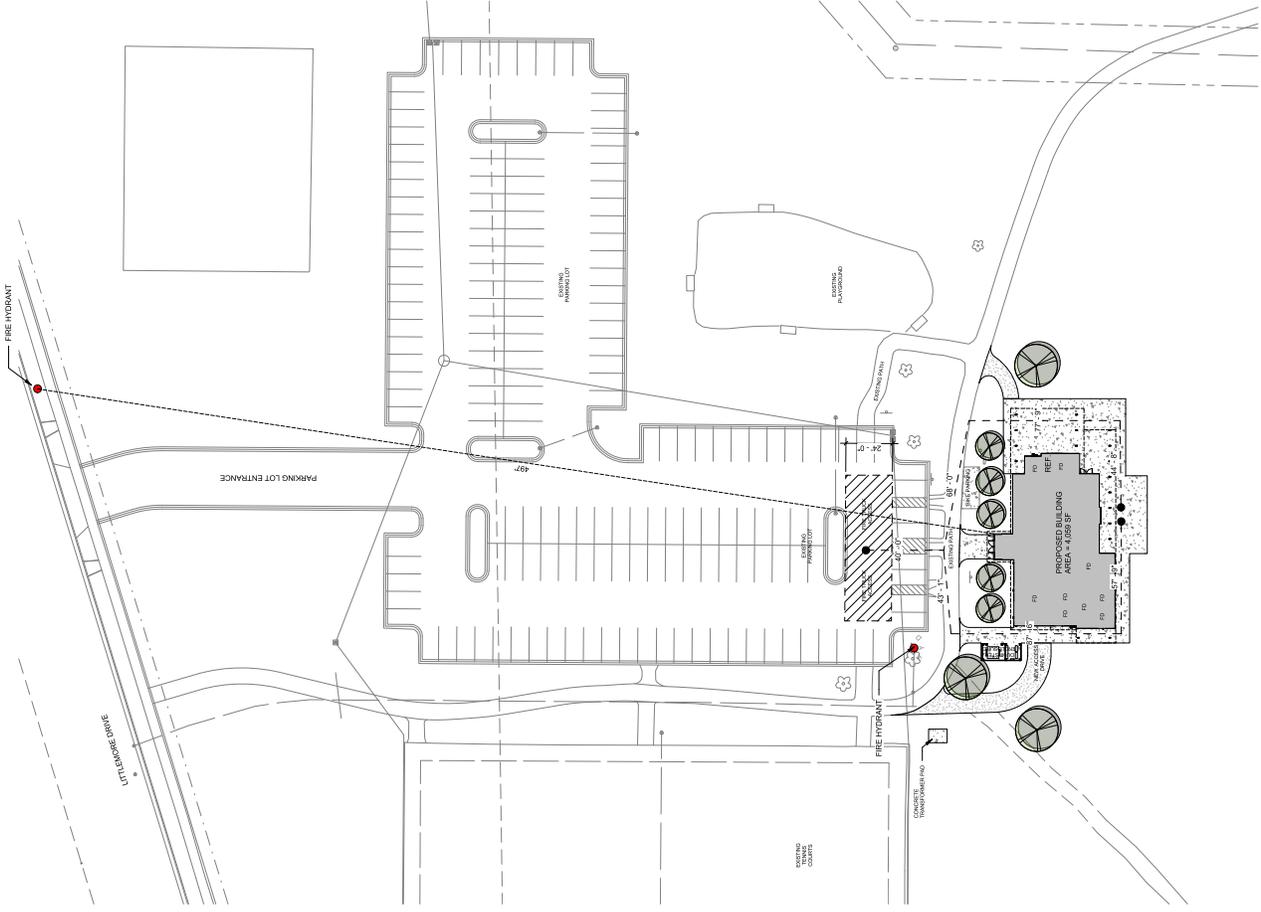
DOOR CREEK PARK  
SHELTER

7035 LITTLEMORE DR MADISON, WI 53703

WALL AND ROOF  
ASSEMBLIES

CONSTRUCTION DOCUMENTS	MSN-20-01
Project number	05/10/2023
Date	

A004



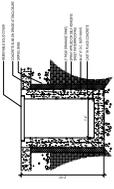
No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

CITY OF MADISON  
DOOR CREEK PARK  
SHELTER  
7035 LITTLEMORE DR MADISON, WI 537703  
OVERALL SITE PLAN

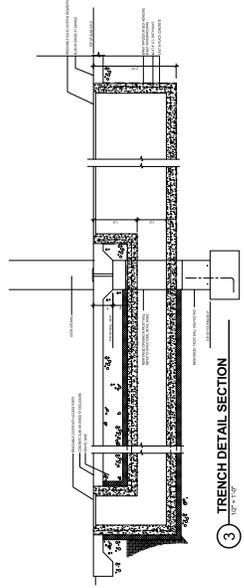
CONSTRUCTION DOCUMENTS MSN-20-01  
Project Number 05/10/2023  
Date

**A010**

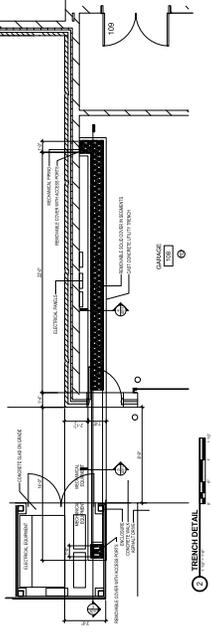
1 SITE - OVERALL  
11-2010



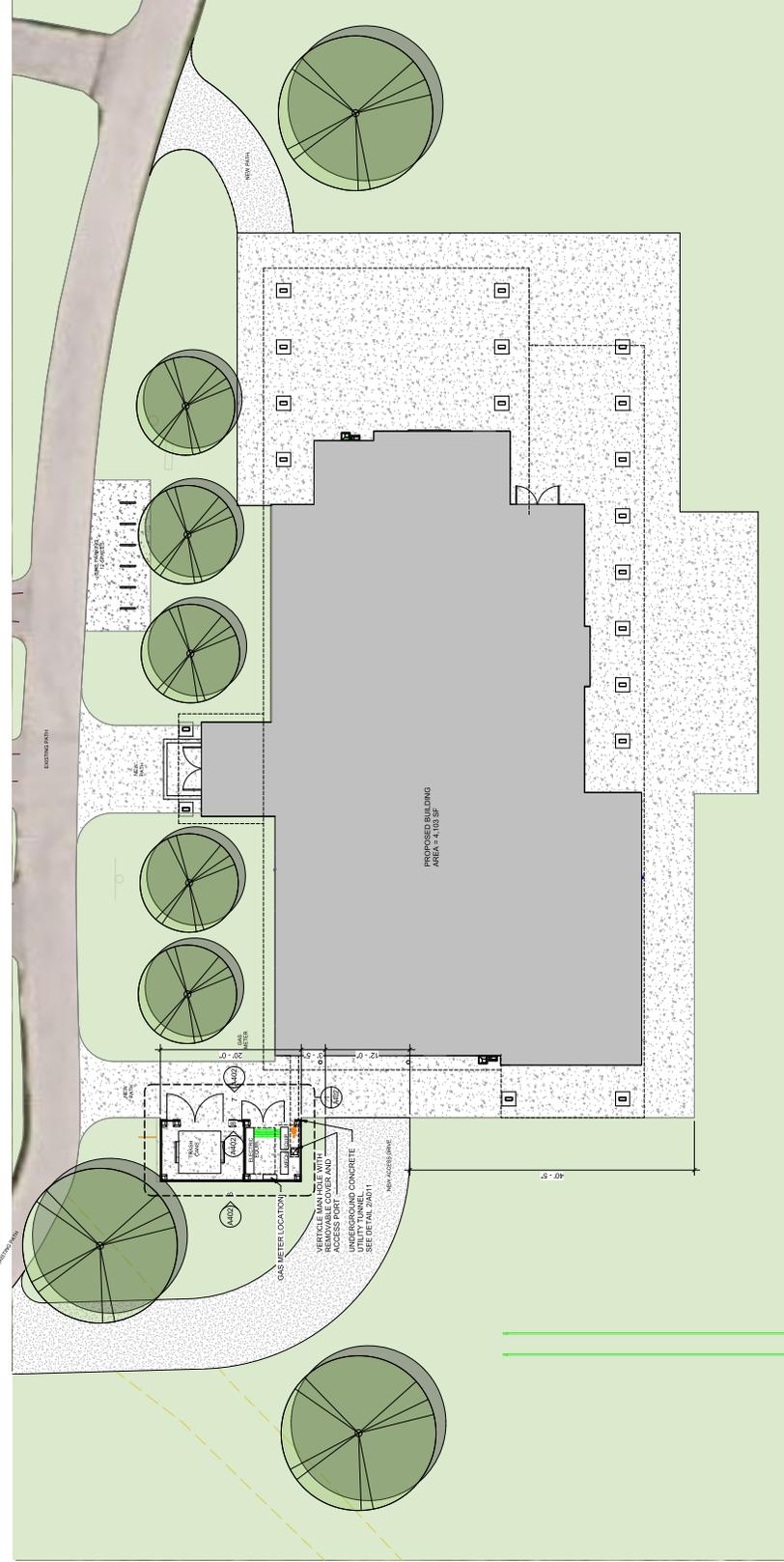
4 TRENCH DETAIL SECTION  
1/8" = 1'-0"



5 TRENCH DETAIL SECTION  
1/8" = 1'-0"



2 ENLARGED TRENCH PLAN  
3/8" = 1'-0"



1 SITE  
1/8" = 1'-0"

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

CITY OF MADISON  
DOOR CREEK PARK  
SHELTER  
7035 LITTLEMORE DR MADISON, WI 53703  
ENLARGED  
ARCHITECTURAL  
SITE PLAN

CONSTRUCTION DOCUMENTS	MSN-20-01
Project Number	05/10/2023
Date	

**A011**

**LEGEND - PLAN SYMBOLS**

**CALLOUTS**

- BUILDING SECTION SYMBOL, 1/4" AT SHEET 1/4" SCALE
- WALL SECTION SYMBOL, 1/4" AT SHEET 1/4" SCALE
- PLUMBING OR ENLARGED PLAN SYMBOL, 1/4" AT SHEET 1/4" SCALE
- EXTERIOR ELEVATION SYMBOL, 1/4" AT SHEET 1/4" SCALE
- INTERIOR ELEVATION SYMBOL, 1/4" AT SHEET 1/4" SCALE

**IDENTIFICATION**

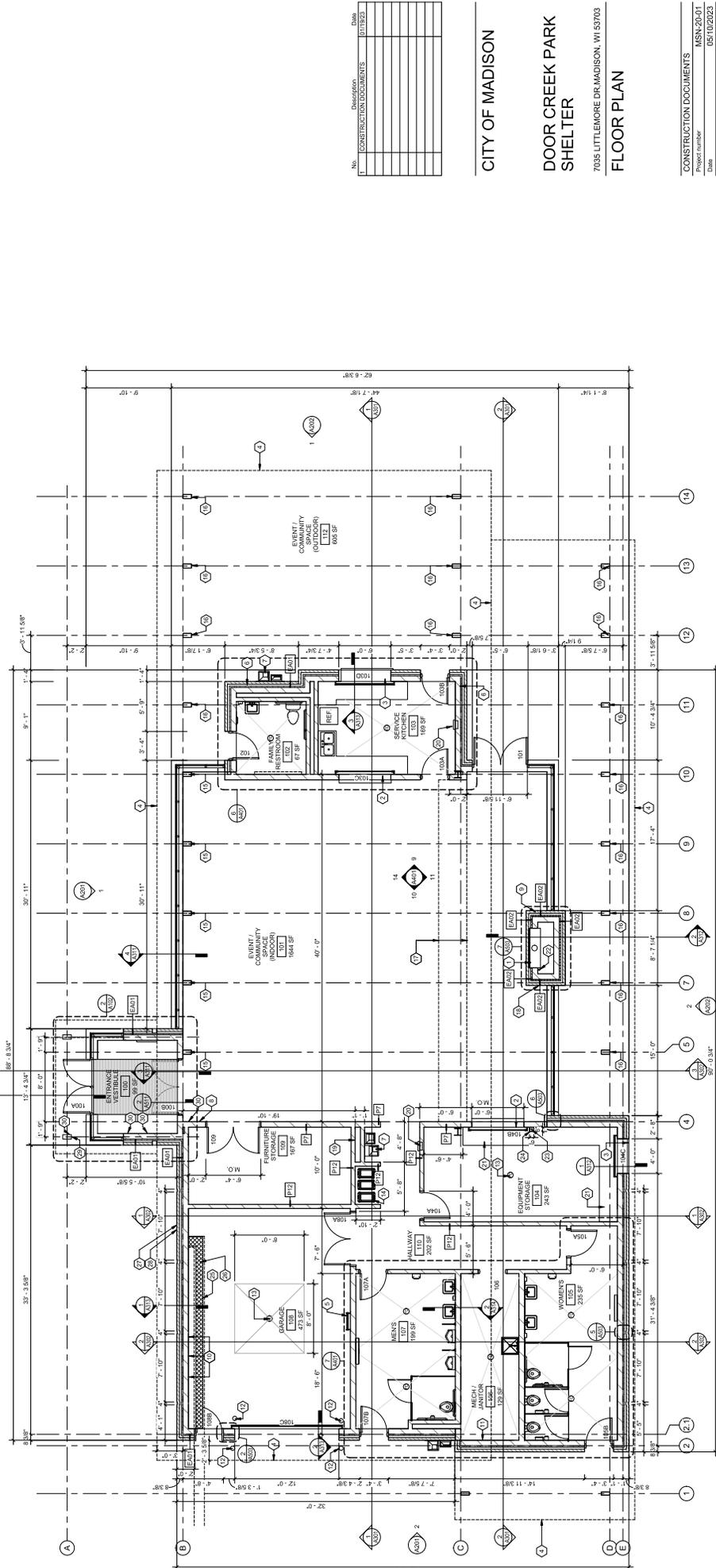
- NEW CONSTRUCTION GRID LINE IDENTIFICATION
- WALL TYPE IDENTIFICATION
- KEYED NOTE IDENTIFICATION
- WINDOW IDENTIFICATION
- REVISION IDENTIFICATION
- DOOR IDENTIFICATION
- ROOM NAME, NUMBER, AND SF AREA
- INDICATE FLOOR SUPPLY TO DRAW
- VERTICAL OR SPOT ELEVATION
- FIRE EXTINGUISHER - SURFACE MOUNT
- NORTH ARROW

**KEYED NOTES**

1	GAS FIREPLACE INSERT SUBROUTED BY NATURAL STONE HEARTH
2	INDIA LAMINATE COUNTER DOOR
3	LINE OF ROOF EDGE ABOVE
4	BRICK MASS CONCRETE WALL ASSEMBLY, BRICK 2
5	ELECTRIC WATER COOLER AND HOTLINE FILLING STATION (E.W.)
6	ELECTRIC WATER COOLER AND HOTLINE FILLING STATION (E.W.)
7	ELECTRIC WATER COOLER AND HOTLINE FILLING STATION (E.W.)
8	HEAVY DUTY BOIL DOWN RAILINGS AND DRAWINGS
9	ELECTRICAL PANEL LOCATION - SEE ELECTRICAL DRAWINGS
10	FLOOR DOWN IS SUPPLY CONCRETE SLAB TO DRAW 1/4" PER FOOT
11	TRASH AND RECYCLING CLOSET
12	TRASH AND RECYCLING CLOSET
13	TRASH AND RECYCLING CLOSET
14	TRASH AND RECYCLING CLOSET
15	TRASH AND RECYCLING CLOSET
16	TRASH AND RECYCLING CLOSET
17	TRASH AND RECYCLING CLOSET
18	TRASH AND RECYCLING CLOSET
19	ACCESS PANEL FOR GAS PIPE MAINTENANCE

**FLOOR PLAN GENERAL NOTES:**

1. SITE DATUM OF 802.4' FLOOR EL. 100' 0" ON ARCHITECTURAL DRAWINGS.
2. FIELD VERIFY ALL DIMENSIONS, BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT (1) IMMEDIATELY UPON RECEIVING THIS DRAWING.
3. SEE SHEET A01 FOR PARTITION TYPES.
4. SEE SHEET A01 FOR DOOR SCHEDULE AND WINDOW TYPES AND DETAILS.
5. SEE SHEET A11 FOR REFLECTED CEILING PLAN.
6. SEE SHEET A12 FOR FINISH PLAN AND SCHEDULES.
7. INTERIOR DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISH WALL TO FINISHED WALL (NOMINAL).
8. EXTERIOR DIMENSIONS ARE BASED TO OUTSIDE FACE OF CONCRETE WALL (NOMINAL).
9. ALL INTERIOR PARTITIONS TYPES TO BE P1 UNO.



**1 FIRST FLOOR PLAN**  
 SCALE: 3/16" = 1'-0"

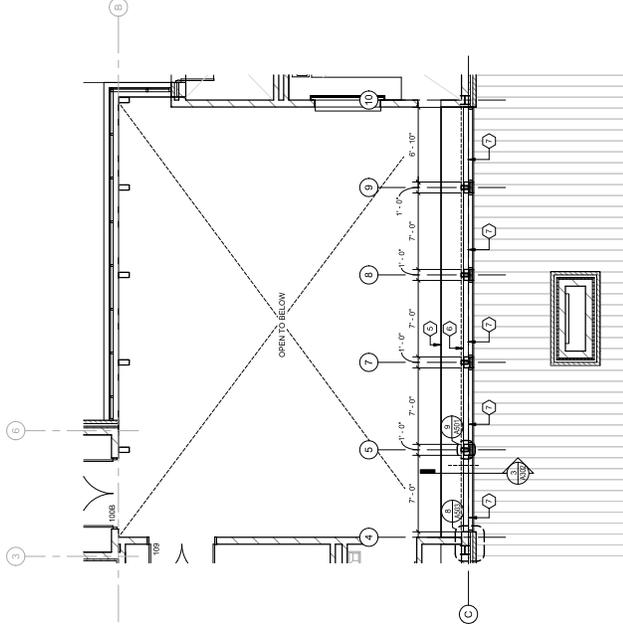
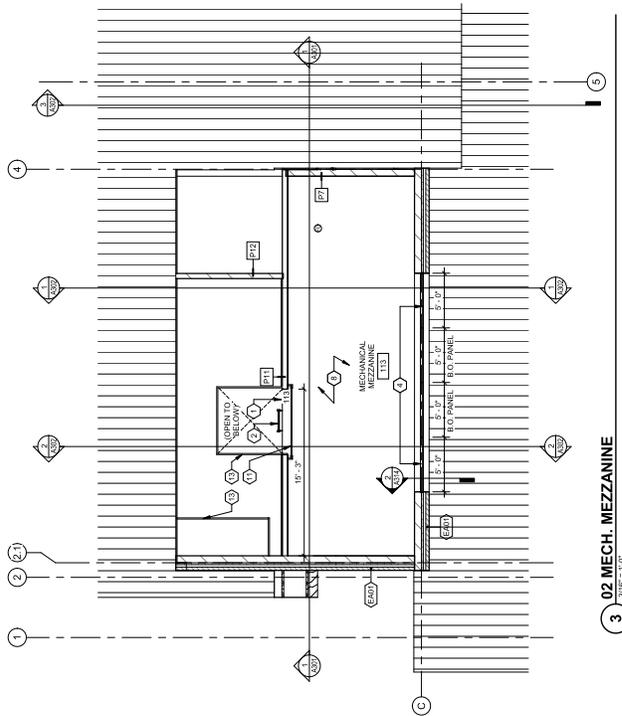
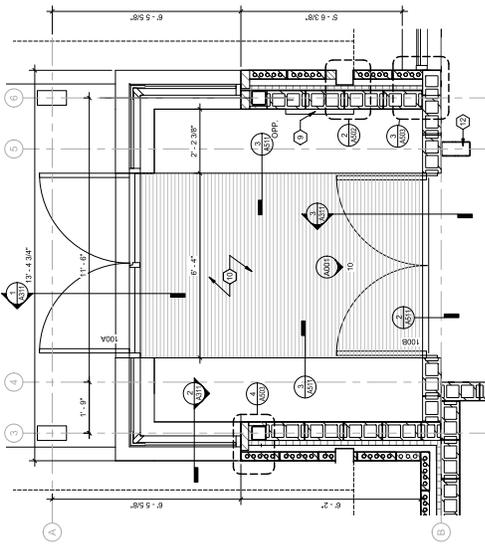
No.	Description	Date
1	CONSTRUCTION DOCUMENTS	05/11/2023

**CITY OF MADISON**  
**DOOR CREEK PARK SHELTER**  
 7035 LITTLEMORE DR MADISON, WI 53703  
**FLOOR PLAN**

**FLOOR PLAN GENERAL NOTES:**

1. SITE DATUM OF 862.4' FLOOR E.L. 100'-0" ON ARCHITECTURAL DRAWINGS.
2. FIELD VERIFY ALL DIMENSIONS. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY FOR FINAL DECISION.
3. SEE SHEET A101 FOR PARTITION TYPES.
4. SEE SHEET A111 FOR DOOR SCHEDULE AND WINDOW TYPES AND DETAILS.
5. SEE SHEET A111 FOR REFLECTED CEILING PLAN.
6. SEE SHEET A121 FOR FINISH PLAN AND SCHEDULES.
7. INTERIOR DIMENSIONS ON ALL DOOR AND WINDOW ARE BASED ON FACE OF FINISH WALL TO FINISHED WALL (NOMINAL).
8. EXTERIOR DIMENSIONS ARE BASED TO OUTSIDE FACE OF CMU (NOMINAL).
9. ALL INTERIOR PARTITION TYPES TO BE P12 JMO.

KEYED NOTES	
1	R-7 OPENING IN WOOD TRUSSES FOR ACCESS TO MECHANICAL.
2	METAL LINDER TO ACCESS MECHANICAL MEZZANINE.
3	CABINET UNIT HEATER.
4	METAL LINDER WITH ROOF ACCESS TO MECHANICAL MEZZANINE. COORDINATE WITH MECHANICAL, SEE SCHEDULES FOR PANEL LOCATION.
5	LINE OF RISER ABOVE. SEE STRUCTURAL.
6	LINE OF RISER BELOW. SEE STRUCTURAL.
7	2X8 STUDS TO SUPPORT TRUSS BELOW. SEE STRUCTURAL.
8	2X8 STUDS TO SUPPORT TRUSS ABOVE. SEE STRUCTURAL.
9	1-HOUR FIRE RATED MECHANICAL MEZZANINE DOOR, CHAIN OPERATED ON BOTH SIDES.
10	1-HOUR FIRE RATED MECHANICAL MEZZANINE DOOR, CHAIN OPERATED ON ONE SIDE.
11	1-HOUR FIRE RATED MECHANICAL MEZZANINE DOOR, CHAIN OPERATED ON OTHER SIDE.
12	1-HOUR FIRE RATED MECHANICAL MEZZANINE DOOR, CHAIN OPERATED ON OTHER SIDE.
13	TYPE X-65 CWP ON FACE OF TRUSS.



No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

**CITY OF MADISON**

**DOOR CROOK PARK SHELTER**

7035 LITTLEMORE DR MADISON, WI 53703  
**MECHANICAL MEZZANINE, CLERESTORY AND VESTIBULE PLAN**

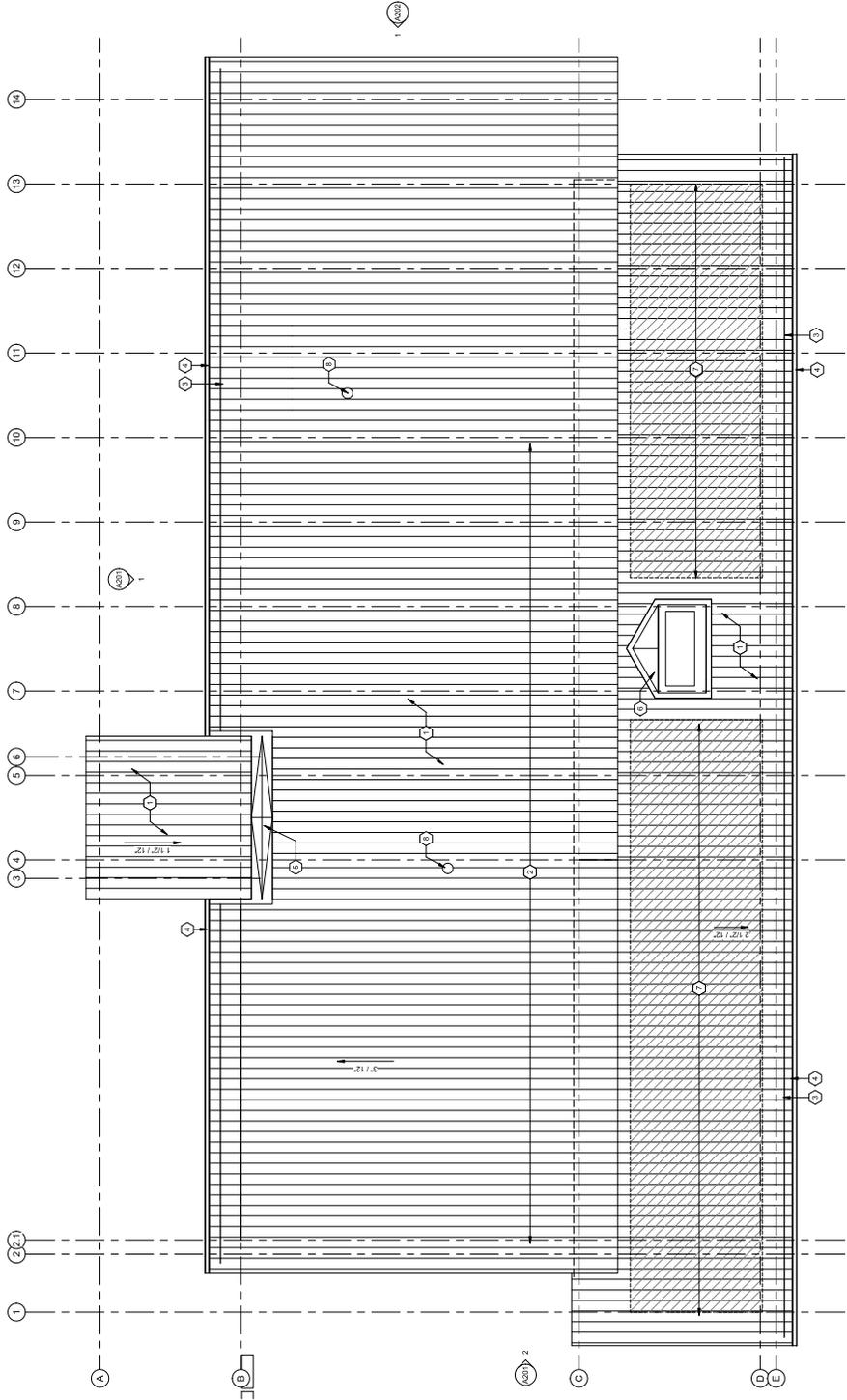
CONSTRUCTION DOCUMENTS MSN-20-01  
 Project Number 05/10/2023  
 Date

**A102**

**KEYED NOTES**

1	SEE SECTION 05120 FOR DETAIL
2	USE TAG WOOD DECK BELOW - SELECT STRUCTURAL FR
3	CONTINUOUS RAIL SNOW GUARD
4	SEE SECTION 05120 FOR DETAIL
5	SHEET METAL VALLEY WITH RAISED SADDLE FOR DRAINAGE TO THE EAST AND WEST DISCHARGE LOCATIONS
6	SEE SECTION 05120 FOR DETAIL
7	FUTURE ROOF MOUNTED BY AIRWAY LOCATION
8	THROUGHT ROOF VENT COORDINATE WITH PLUMBING

**GENERAL NOTES**  
ALL ELEVATIONS ARE TAKEN RELATIVE TO THE FIRST FLOOR



No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

**CITY OF MADISON**  
**DOOR CREEK PARK**  
**SHELTER**  
7035 LITTLEMORE DR MADISON, WI 53703  
**ROOF PLAN**

CONSTRUCTION DOCUMENTS  
Project number MSN-20-01  
Date 05/10/2023

**A103**

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

**KEYED NOTES**

- WELDED STEEL TUBE FRAME
- EXTENT OF ATTIC SPACE FOR MECHANICAL EQUIPMENT
- TRUSS PARTITION LOCATIONS - CONDUIT W/TE FRAMING WITH PARTITION
- SUPPORT STRUCTURES
- METAL LADDER TO ACCESS MECHANICAL MEZANINE
- GRID TYPE "C" OVER UNDERSIDE OF TRUSS ABOVE
- GRID TYPE "D" AT TRUSS ABOVE

**CEILING GENERAL NOTES:**

- REFER TO PROJECT MANUAL FOR MATERIAL SPECIFICATIONS.
- REFER TO FINISH SCHEDULE FOR KEY CODERS, SELECTION AND COLOR.
- ALL CEILING OR SOFFIT NOTED AS GWB TO BE PAINTED PH-2 UNLESS NOTED OTHERWISE.
- REFER TO FINISH SCHEDULE FOR TYPE AND QUANTITY OF FIXTURES AND EQUIPMENTS SHOWN ON THIS PLAN.
- NOTES INDICATE LAYOUT ONLY. REFER TO ELECTRICAL DRAWINGS FOR SCHEDULING AND SIZES. REFER TO MECHANICAL DRAWINGS AND SCHEDULES FOR TYPE AND QUANTITY OF FIXTURES AND EQUIPMENTS SHOWN ON THIS PLAN.
- REFER TO MEP DRAWINGS FOR LIGHTING AND FIXTURES IN AREAS WITH NO CEILING/ EXPOSED TO STRUCTURE.
- REFER TO MECHANICAL CONTRACT FOR EXPOSED TO STRUCTURE INSTALLATION.
- ALL METAL LINEAR DIFFUSERS AND SHOP PRIMER ACCESS WALL OR CEILING SURFACE TO MATCH SURROUNDING INFORMATION AND NOT SHOWN.
- CONTROL JOINTS IN GWB CEILING OR SOFFITS ARE SHOWN FOR INFORMATION ONLY. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION AND NOT SHOWN.

**CEILING LEGEND:**

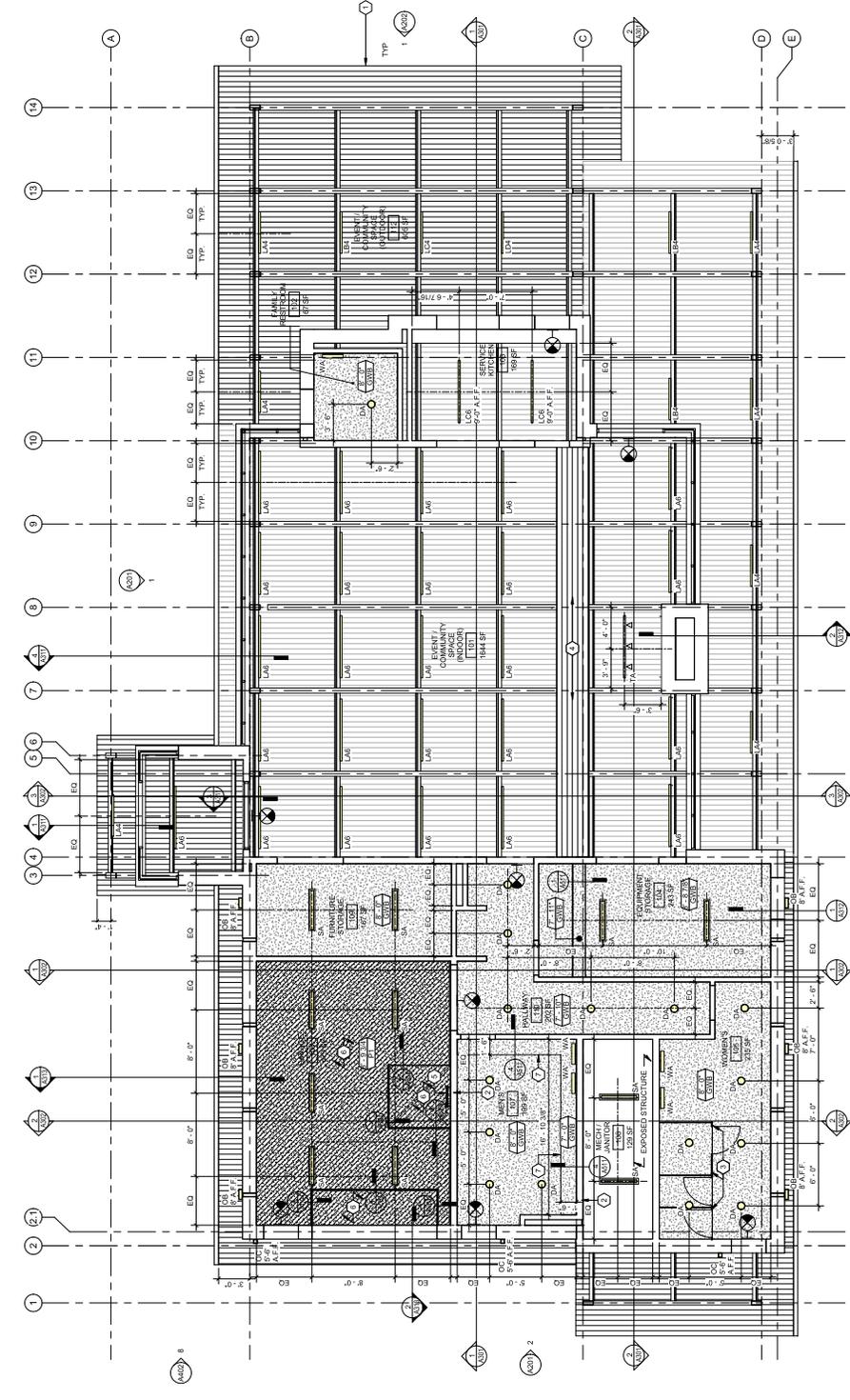
- Z x Z SUSPENDED CEILING GRID
- WOODEN BOARD CEILING (PAINTED)
- RATED OPS/PM BOARD ASSEMBLY (SEE AIA FOR ASSEMBLY DETAILS)
- 24 RECESSED LIGHT FIXTURE
- 24 RECESSED LIGHT FIXTURE
- INDUSTRIAL PENDANT LINEAR LIGHT FIXTURE
- RECESSED DOWN LIGHT
- WALL MOUNTED EXTERIOR LIGHT
- WALL MOUNTED VANITY LIGHT
- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER/ EXHAUST GRILL
- EXHAUST FAN
- SUPPLY AIR DIFFUSER - SLOT
- T x T LIGHT FIXTURE (SUSPENDED)
- INDUSTRIAL FLUORESCENT
- SPEAKER
- WALL MOUNTED EXT LIGHT
- CEILING MOUNTED EXT LIGHT
- SPRINKLER
- CEILING MOUNTED PROJECTOR STAND
- JUNCTION BOX
- SMOKE ALARM
- HEAT DETECTOR
- OCCUPANCY SENSOR
- SMOKE DETECTOR
- WIRELESS ACCESS POINT
- CONTROL JOINT
- CEILING HEIGHT MATERIAL

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	05/19/23

CITY OF MADISON  
 DOOR CREEK PARK SHELTER  
 7035 LITTLEMORE DR MADISON, WI 53703  
 FIRST FLOOR REFLECTED CEILING PLAN

CONSTRUCTION DOCUMENTS  
 Project Number MSN-20-01  
 Date 05/10/2023

**A111**



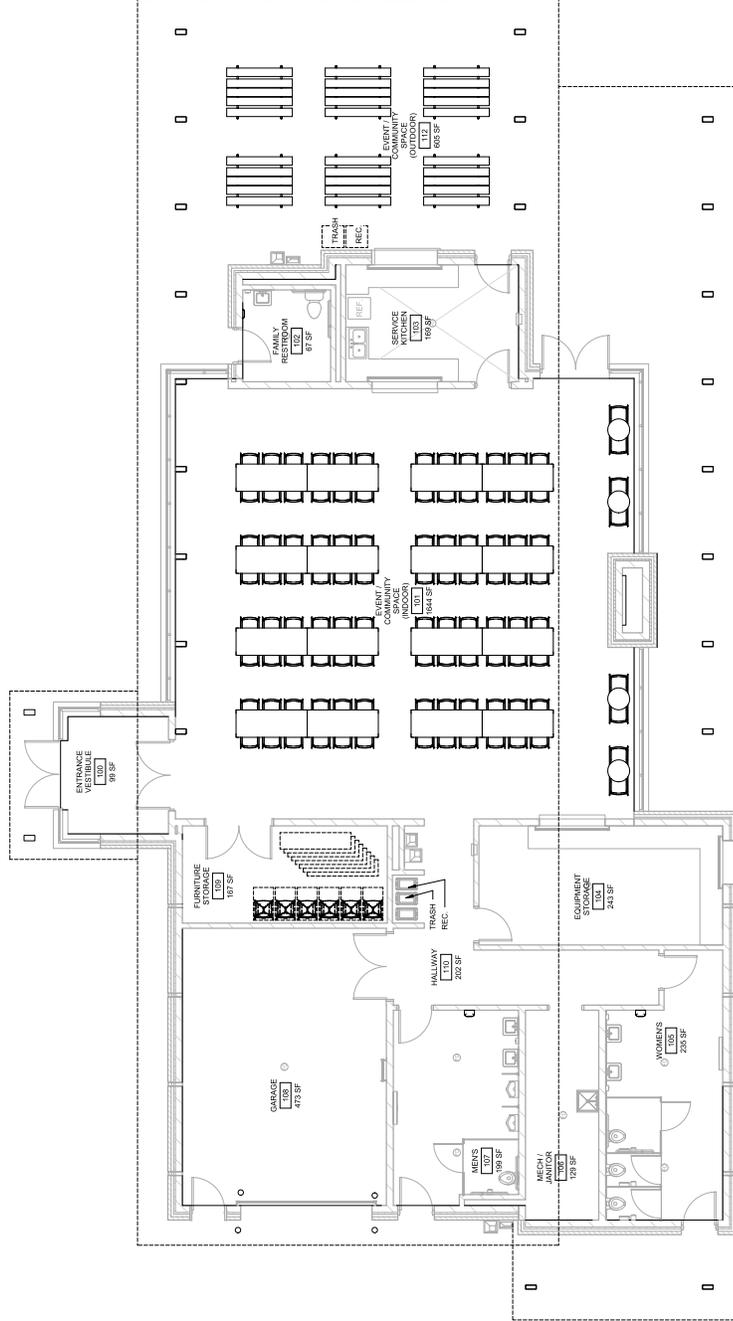
**1** FIRST FLOOR REFLECTED CEILING PLAN  
 3/16" = 1'-0"



**FF&E PLAN GENERAL NOTES:**  
 1. CSO FURNITURE SHOWN FOR REFERENCE ONLY FOR COORDINATION PURPOSES.



433 W Washington Ave  
 53703, Madison, WI  
 53703  
 (608) 204-7464  
 AROeberle.com



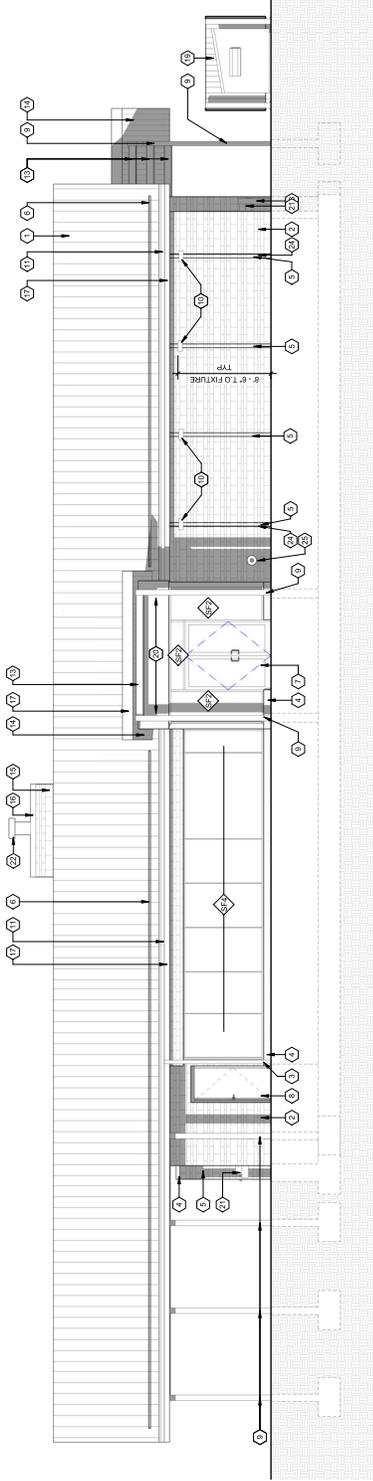
No.	Revision	Description	Date
1	1	CONSTRUCTION DOCUMENTS	05/10/2023

CITY OF MADISON  
 DOOR CREEK PARK  
 SHELTER  
 7035 LITTLEMORE DR MADISON, WI 537703  
 FIRST FLOOR  
 FURNITURE PLAN

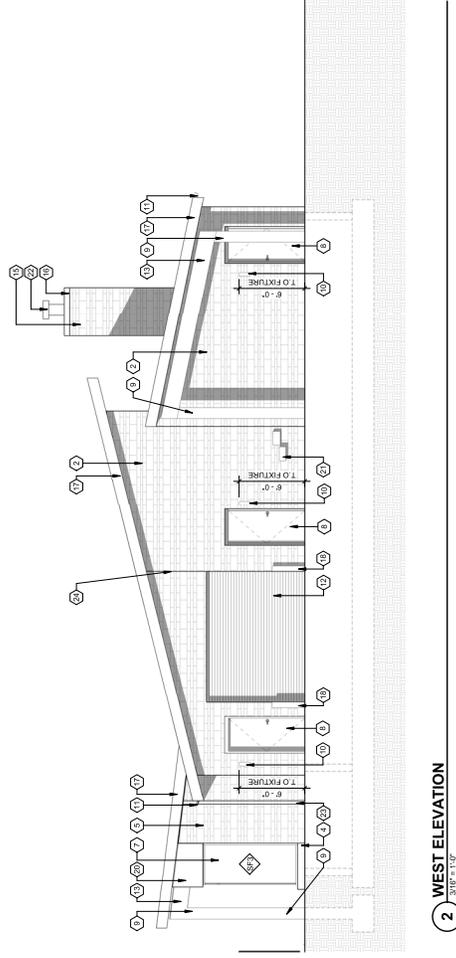
CONSTRUCTION DOCUMENTS  
 Project Number: MSN-20-01  
 Date: 05/10/2023

**A131**

**1 FIRST FLOOR PLAN**  
 316-117



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



2 WEST ELEVATION  
3/16" = 1'-0"

KEYED NOTES

1	METAL STANDING SEAM ROOF - M.F.1
2	VARYING HEIGHT BRICK FACADE - BR.1, BR.2, SEE SECTION FOR TYPICAL
3	METAL DOWNSPOUT - COLOR TO MATCH M.F.1
4	CAST STONE
5	VARYING HEIGHT BRICK FACADE - BR.2, SEE SECTION FOR TYPICAL
6	CONTINUOUS RAIL SNOW GUARD
7	PAINTED STEEL COLUMNS - P.F.4B
8	INSULATED ALUMINUM METAL DOOR - COLOR TO MATCH P.T.3
9	PAINTED STEEL TRUSS - SEE ELECTRICAL DRAWINGS FOR TYPICAL
10	INSULATED ALUMINUM METAL DOOR - COLOR TO MATCH P.T.3
11	PAINTED STEEL BEAMS - P.F.4B
12	METAL CORNER COLOR TO MATCH M.F.1
13	METAL TRUSS COLOR TO MATCH M.F.1
14	METAL DOWNSPOUT TO MATCH M.F.1
15	STAINLESS STEEL 304
16	METAL CORNER COLOR TO MATCH M.F.1
17	METAL TRUSS COLOR TO MATCH M.F.1
18	METAL CORNER COLOR TO MATCH M.F.1
19	TRASH AND MECHANICAL ENCLOSURE
20	TRASH AND MECHANICAL ENCLOSURE
21	DRINKING FOUNTAIN
22	TERMINATION CAP
23	TERMINATION CAP
24	MOVEMENT JOINT
25	FIRE DEPARTMENT CONNECTION

CITY OF MADISON

DOOR CREEK PARK  
SHELTER

7035 LITTLEMORE DR MADISON, WI 53703

EXTERIOR  
ELEVATIONS

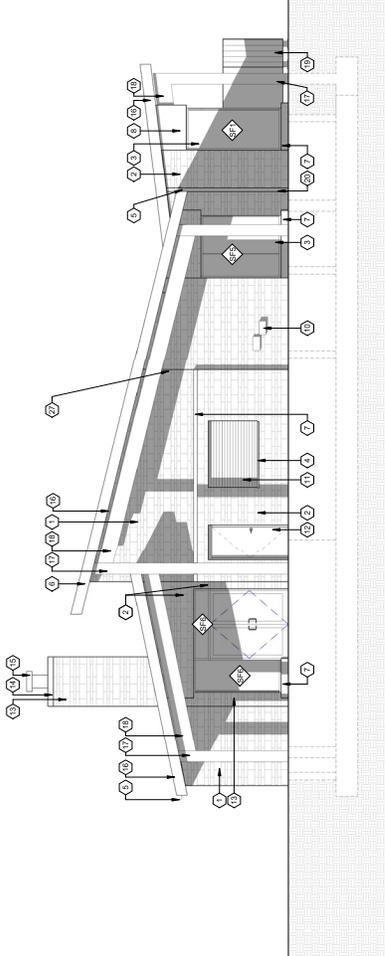
No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

CONSTRUCTION DOCUMENTS	MSN-20-01
Project Number	05/10/2023
Date	

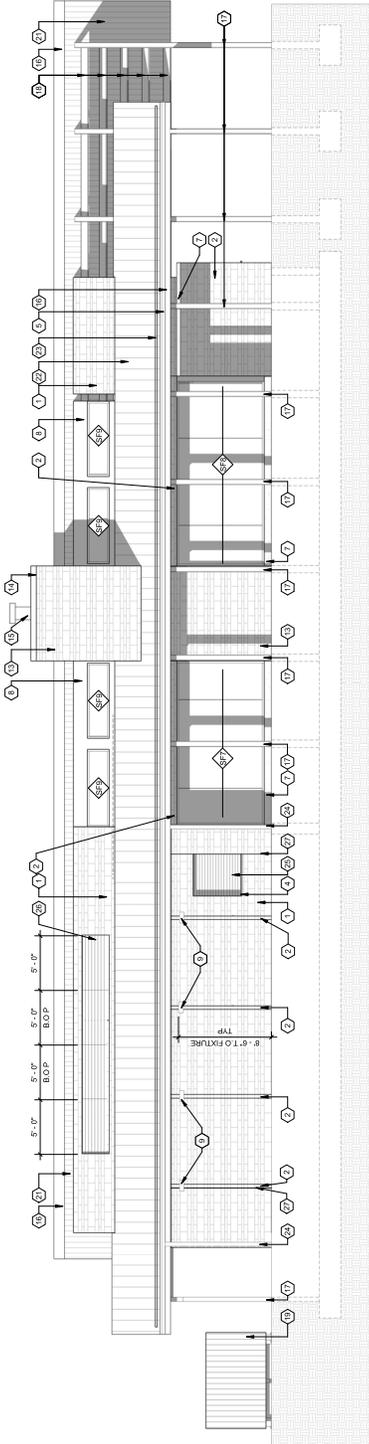
A201

**KEYED NOTES**

- |    |  |
|----|--|
| 1  | VARYING HEIGHT BRICK FACADE - BR-1, BR-2, BR-3, BR-4, BR-5, BR-6, BR-7, BR-8, BR-9, BR-10, BR-11, BR-12, BR-13, BR-14, BR-15, BR-16, BR-17, BR-18, BR-19, BR-20, BR-21, BR-22, BR-23, BR-24, BR-25, BR-26, BR-27 |
| 2  | COURSED BRICK FACADE - BR-1, BR-2, BR-3, BR-4, BR-5, BR-6, BR-7, BR-8, BR-9, BR-10, BR-11, BR-12, BR-13, BR-14, BR-15, BR-16, BR-17, BR-18, BR-19, BR-20, BR-21, BR-22, BR-23, BR-24, BR-25, BR-26, BR-27        |
| 3  | STAINLESS STEEL THROUGH CLACKER TOP  |
| 4  | STAINLESS STEEL THROUGH CLACKER TOP  |
| 5  | METAL GITTER - COLOR TO MATCH MT-1   |
| 6  | METAL GITTER - COLOR TO MATCH MT-1   |
| 7  | CAST STONE   |
| 8  | FLUSH METAL PANEL - MP-1   |
| 9  | FLUSH METAL PANEL - MP-1   |
| 10 | BRASS MECHANICAL ENCLOSURE   |
| 11 | BRASS MECHANICAL ENCLOSURE - COLOR TO MATCH C-1  |
| 12 | INSULATED MASONRY - COLOR TO MATCH C-1   |
| 13 | INSULATED MASONRY - COLOR TO MATCH C-1   |
| 14 | INSULATED MASONRY - COLOR TO MATCH C-1   |
| 15 | INSULATED MASONRY - COLOR TO MATCH C-1   |
| 16 | REFINISHED ALUMINUM CASCA, COLOR TO MATCH MT-1   |
| 17 | PAINTED STEEL BEAM - PF-1  |
| 18 | PAINTED STEEL BEAM - PF-1  |
| 19 | BRASS MECHANICAL ENCLOSURE   |
| 20 | TONGUE AND GROOVE WOOD PLANKING  |
| 21 | TONGUE AND GROOVE WOOD PLANKING  |
| 22 | SPRUE  |
| 23 | SPRUE  |
| 24 | METAL LOCKER WITH HUNG LOCK AND INSERT GREEN COIL TO MATCH   |
| 25 | METAL LOCKER WITH HUNG LOCK AND INSERT GREEN COIL TO MATCH   |
| 26 | METAL LOCKER WITH HUNG LOCK AND INSERT GREEN COIL TO MATCH   |
| 27 | MOVEMENT JOINT   |



1 EAST ELEVATION  
3/16" = 1'-0"



2 SOUTH ELEVATION  
3/16" = 1'-0"

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

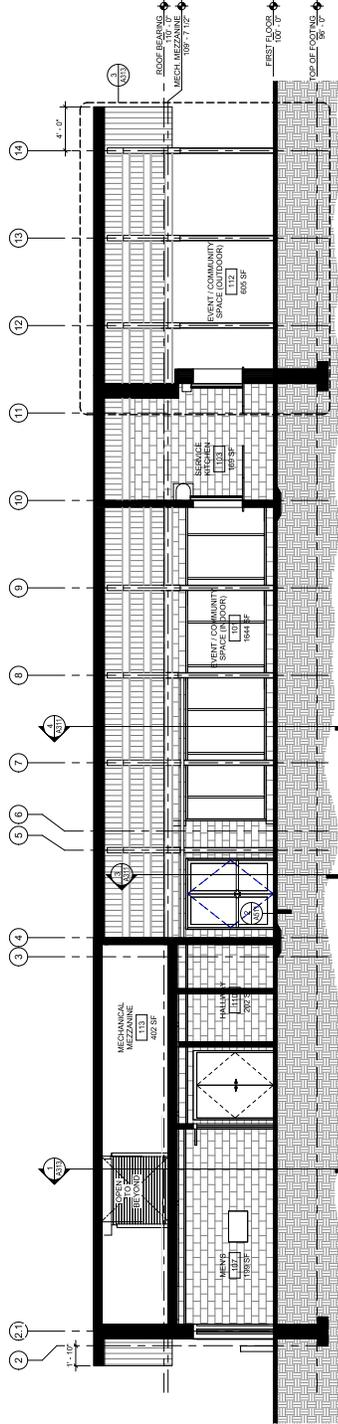
CITY OF MADISON

DOOR CREEK PARK  
SHELTER

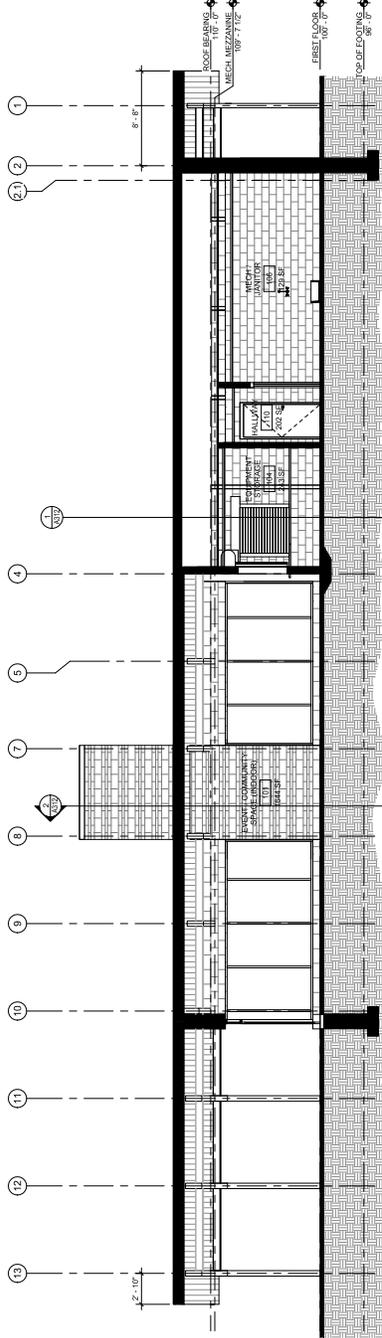
7035 LITTLEMORE DR. MADISON, WI 53703  
EXTERIOR  
ELEVATIONS

CONSTRUCTION DOCUMENTS  
Project Number: MSN-20-01  
Date: 05/10/2023

A202



**1** BUILDING SECTION - EAST/WEST 01  
3/16" = 1'-0"



**2** BUILDING SECTION - EAST/WEST 02  
3/16" = 1'-0"

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

CITY OF MADISON

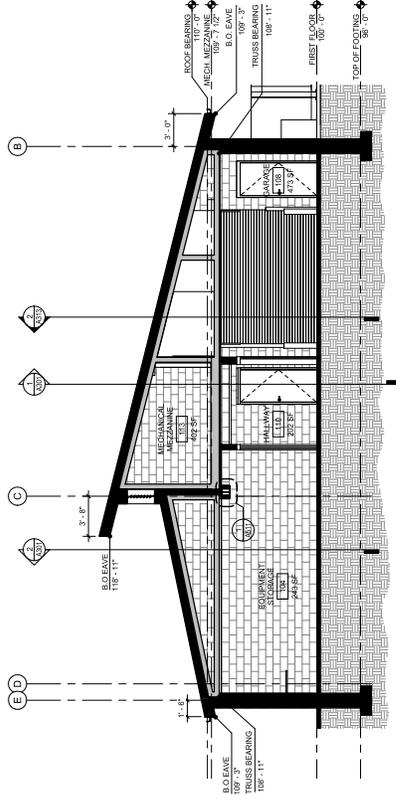
DOOR CREEK PARK  
SHELTER

7035 LITTLEMORE DR MADISON, WI 53703

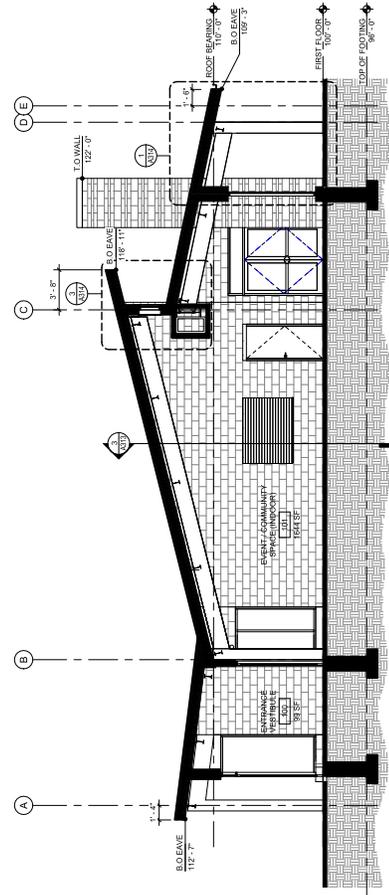
BUILDING SECTIONS

CONSTRUCTION DOCUMENTS	MSN-20-01
Project Number	05/10/2023
Date	

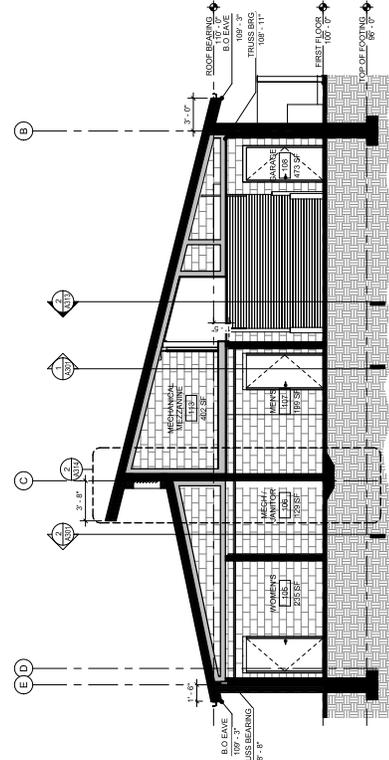
A301



1 BUILDING SECTION - NORTH/SOUTH 1  
3/16" = 1'-0"



2 BUILDING SECTION - NORTH/SOUTH 02  
3/16" = 1'-0"



3 BUILDING SECTION - NORTH/SOUTH 03  
3/16" = 1'-0"

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

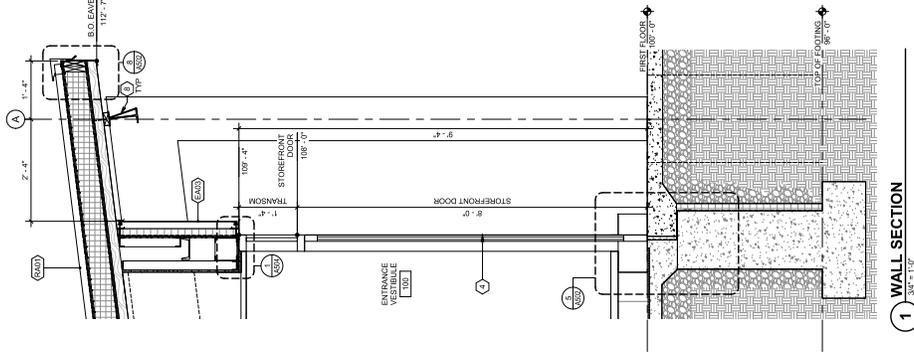
CITY OF MADISON  
DOOR CREEK PARK  
SHELTER  
7035 LITTLEMORE DR MADISON, WI 53703  
BUILDING SECTIONS

CONSTRUCTION DOCUMENTS	MSN-20-01
Project Number	05/10/2023
Date	

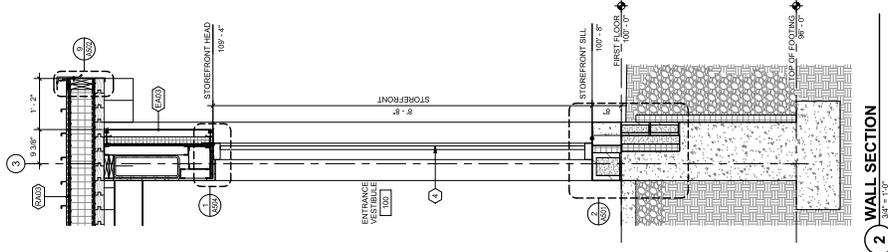
A302

**KEYED NOTES**

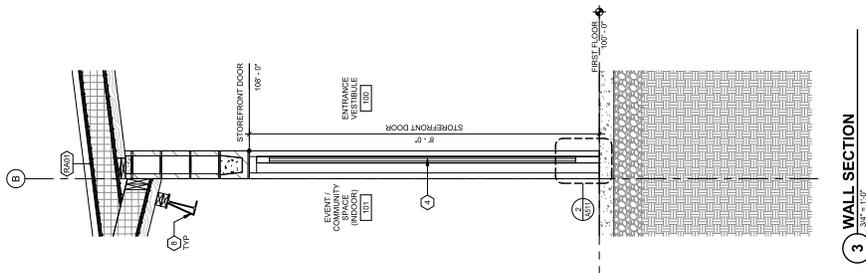
1. FOOTING AND FOUNDATIONS PER STRUCTURAL DRAWINGS
2. CONTINUOUS RAIL SNOW GUARDS
3. INSULATED STOREFRONT SYSTEM - DARK BRONZE
4. BACKER ROD AND SEALANT TYP
5. BURNISHED BLACK COIL
6. BURNISHED BLACK COIL
7. BURNISHED BLACK COIL
8. BURNISHED BLACK COIL



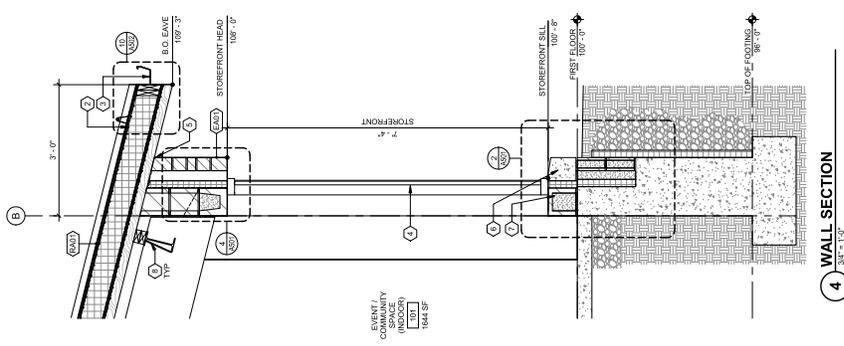
**1 WALL SECTION**  
3/8" = 1'-0"



**2 WALL SECTION**  
3/8" = 1'-0"



**3 WALL SECTION**  
3/8" = 1'-0"



**4 WALL SECTION**  
3/8" = 1'-0"

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

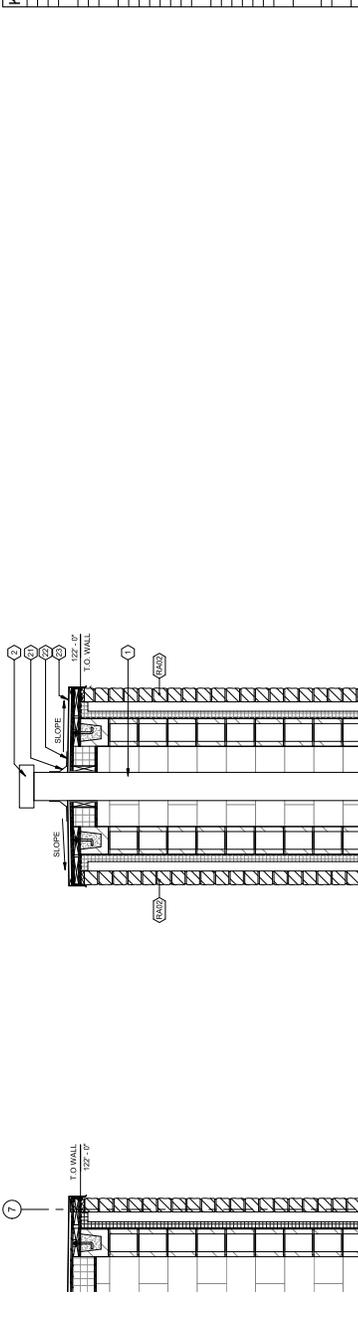
**CITY OF MADISON**  
**DOOR CREEK PARK SHELTER**  
7035 LITTLEMORE DR MADISON, WI 53703  
**WALL SECTIONS**

CONSTRUCTION DOCUMENTS  
Project Number: MSN-20-01  
Date: 05/10/2023

**A311**

**KEYED NOTES**

1. ROOF TO BE SLOPED UP CHIMNEY
2. LEAKNAP TOP CAP
3. COUNTER FLASHING AND ROOFING SYSTEM TERMINATION BAR COIL TO CHIMNEY
4. HEAT RELEASE GRILLE
5. NOT DIFIED GALVANIZED LOOSE LINTEL ASSEMBLY - SEE STRUCTURAL
6. 1/2" POLYURETHANE INSULATION WITH SAFETY GUSSET FRONT - SECURED TO CHIMNEY PLATFORM
7. BRUSHED STAINLESS STEEL BLOCK CURB AT CHIMNEY PLATFORM
8. STAINLESS STEEL PASS THROUGH CHIMNEY TOP
9. BRUSHED STAINLESS STEEL INTER DOOR
10. BRUSHED STAINLESS STEEL INTER DOOR
11. CONTINUOUS RAIL SNOW GUARD
12. POLYURETHANE INSULATION
13. NO INSULATION WITHIN THE FIREPLACE WALL CAVITY AT INTER DOOR CONDITION
14. THROUGH WALL FLASHING, LASHING, TURN UP FINN, TYP
15. THROUGH WALL FLASHING, LASHING, TURN UP FINN, TYP
16. BACKER ROD AND SEALANT, TYP
17. COMPRESSIBLE FILLER AT WALL INTERSECTION, TYP
18. COMPRESSIBLE FILLER AT WALL INTERSECTION, TYP
19. SHELF ANGLE - SEE STRUCTURAL
20. SHELF ANGLE - SEE STRUCTURAL
21. SHELF ANGLE - SEE STRUCTURAL
22. SHELF ANGLE - SEE STRUCTURAL
23. SHELF ANGLE - SEE STRUCTURAL
24. SHELF ANGLE - SEE STRUCTURAL
25. SHELF ANGLE - SEE STRUCTURAL



No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

**CITY OF MADISON**

**DOOR CREEK PARK SHELTER**

7035 LITTLEMORE DR MADISON, WI 53703

**WALL SECTIONS**

CONSTRUCTION DOCUMENTS  
Project Number: MSN-20-01  
Date: 05/10/2023

**A312**

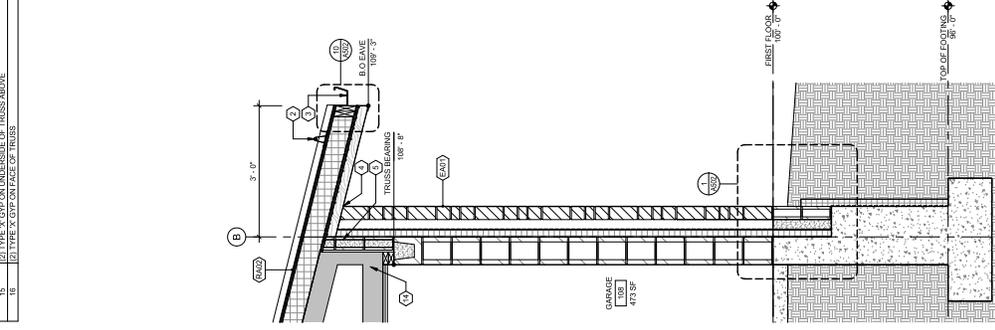
**1 WALL SECTION**  
3/8" = 1'-0"

**2 Section 9**  
3/8" = 1'-0"

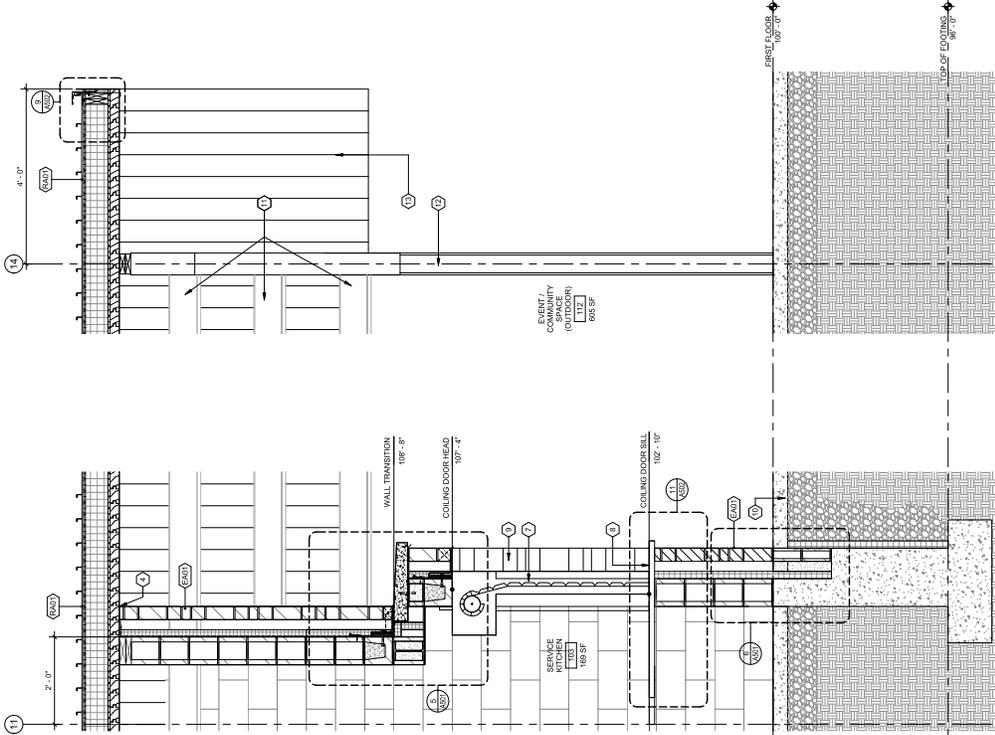
**3 Section 18**  
3/8" = 1'-0"

**KEYED NOTES**

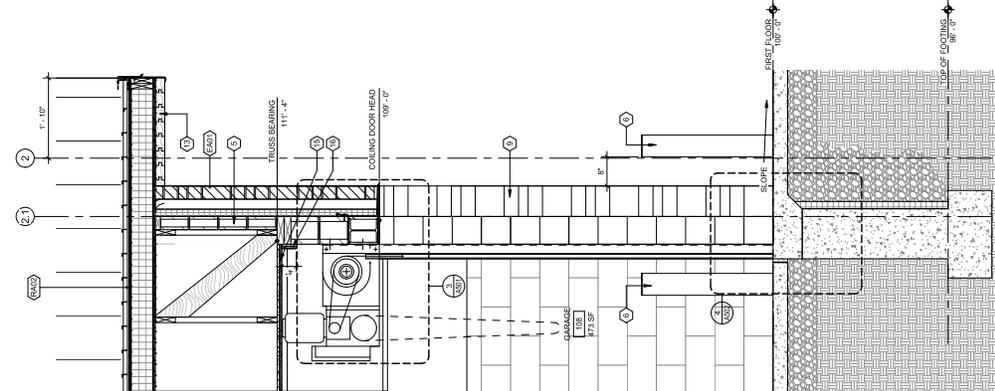
1. FOOTING AND FOUNDATIONS PER STRUCTURAL DRAWINGS
2. CONTINUOUS RAIL SNOW GUARD
3. METAL GUTTER OR GUTTER TO MATCH R/F-1
4. GALV. COATED STEEL WALL STUDS
5. 4" GALV. COATED SOLID
6. 2" GALV. COATED SOLID
7. 1/2" GALV. COATED SOLID THROUGHOUT
8. METAL TRUSS BRACING PER STRUCTURAL DRAWINGS
9. 1/2" GALV. COATED SOLID THROUGHOUT
10. 1/2" GALV. COATED SOLID THROUGHOUT
11. 1/2" GALV. COATED SOLID THROUGHOUT
12. 1/2" GALV. COATED SOLID THROUGHOUT
13. PAINTED STEEL COLLUMNS PF-4B
14. LONGSE AND GROOVE WOOD DECKING
15. 2" TYPE X GYP ON UNDERSIDE OF TRUSS ABOVE
16. 2" TYPE X GYP ON FACE OF TRUSS



**1** WALL SECTION  
3/8" = 1'-0"



**2** WALL SECTION  
3/8" = 1'-0"



**3** WALL SECTION  
3/8" = 1'-0"

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

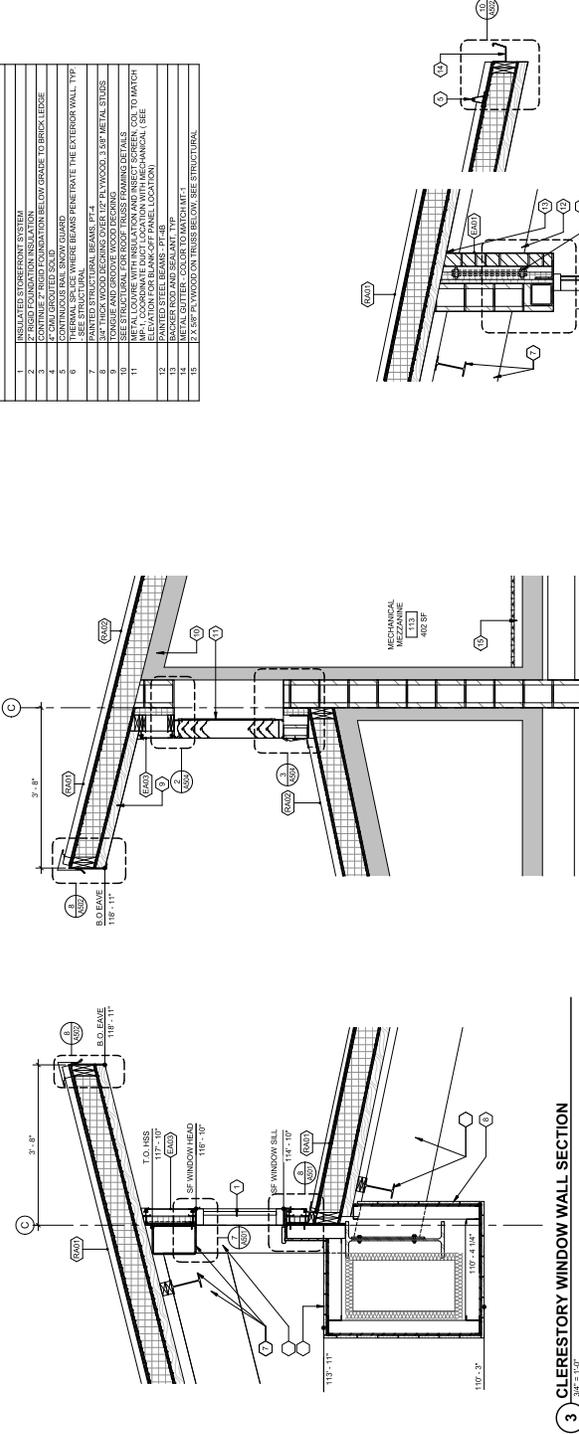
CITY OF MADISON  
**DOOR CREEK PARK  
SHELTER**  
7035 LITTLEMORE DR MADISON, WI 53703  
**WALL SECTIONS**

CONSTRUCTION DOCUMENTS  
Project Number  
Date

MSN-20-01  
05/10/2023

**A313**

KEYED NOTES	
1	INSULATED STOREFRONT SYSTEM
2	CONTINUE 2" RIGID FOUNDATION BELOW GRADE TO BRICK LEDGE
3	2" CON. UNGRADED SAND
4	2" CON. UNGRADED SAND
5	2" CON. UNGRADED SAND
6	THE WALL SPACE WHERE BEAMS PENETRATE THE EXTERIOR WALL TOP
7	PAINTED STRUCTURAL BEAMS PT 4
8	3/4" THICK WOOD BEARING OVER 1/2" PLYWOOD, 3/8" METAL STUDS
9	3/4" THICK WOOD BEARING OVER 1/2" PLYWOOD, 3/8" METAL STUDS
10	SEE STRUCTURAL FOR ROOF TRUSS FRAMING DETAILS
11	METAL LOUVER WITH INSULATION AND INSECT SCREEN, COIL TO MATCH ELEVATION FOR BLANK-OFF PANEL LOCATION
12	PAINTED STEEL BEAMS PT 4B
13	PAINTED STEEL BEAMS PT 4B
14	METAL GUTTER, COLOR TO MATCH UNIT-1
15	2 X 8 SF PLYWOOD ON TRUSS BELOW, SEE STRUCTURAL



**3** CLERESTORY WINDOW WALL SECTION  
3/8" = 1/8"

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

CITY OF MADISON  
DOOR CREEK PARK  
SHELTER  
7035 LITTLEMORE DR MADISON, WI 53703  
WALL SECTIONS

CONSTRUCTION DOCUMENTS	
Project Number	MSN-20-01
Date	05/10/2023

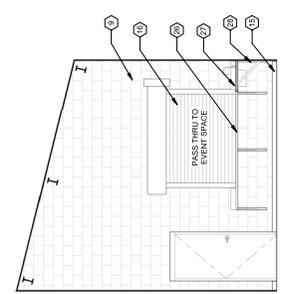
**A314**

**1** WALL SECTION  
3/8" = 1/8"

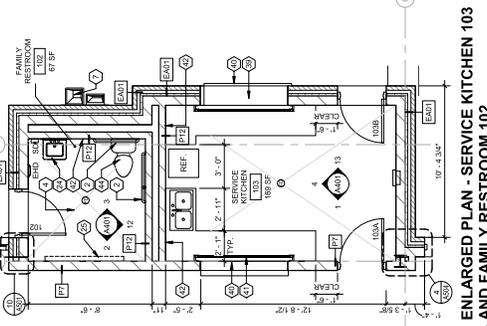
**2** WALL SECTION  
3/8" = 1/8"

**3** CLERESTORY WINDOW WALL SECTION  
3/8" = 1/8"

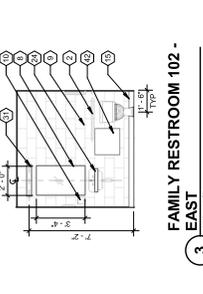
KEYED NOTES	
1	MOP SINK
2	ADA COMPLIANT GRAB BAR
3	FLOOR FINISH: POLISHED CONCRETE (SEE FINISH DRAWINGS)
4	FLOOR DRAIN SLOPE CONCRETE SLAB TO DRAIN DRAINWAYS (1" MAX. 2%) - SEE PLUMBING DRAWINGS
5	CEILING FINISH: PLASTIC (HDPE) TOILET
6	ELECTRIC WATER COOLER AND BOTTLE FILLING
7	INSULATED FLOOR MAT AT DOOR AND FRAME
8	MIRROR 24" W X 48" CENTERED OVER LAVATORY
9	BURNISHED MASONRY BLOCK, CMU 1
10	SURFACE MOUNTED SOAP DISPENSER (SD) WITH 1/2" CLEARANCE TO WALL AND 1/2" TO OPERATIONAL PARTITION
11	AUTOMATIC FLUSH VALVE CONCEALED TYPE, SEE SUPPLEMENTAL DRAWINGS
12	WALL FINISH: VITREOUS PORCELAIN TOILET VALVE FLUSH MOUNT, SEE PLUMBING DRAWINGS
13	WALL MOUNTED SANITARY MOP
14	4" EPoxy COLE BASE
15	PAINTED STRUCTURAL BEAMS, P.F.C.
16	GRID TO BE PAINTED, P.F.C.
17	STRUCTURAL SILICONE GLAZED STOREFRONT SYSTEM, SEE SCHEDULE
18	STAINLESS STEEL GRATING W/ SERRATED FLOOR TO UNDERLIE DECK, SEE SCHEDULE
19	ELECTRIC MOP SINK, SEE SCHEDULE, P.F.C.
20	VITREOUS PORCELAIN SINK WITH WARDWIELD SURFACE MOUNTED ADULT CHANGING STATION
21	STAINLESS STEEL SINK WITH WARDWIELD SURFACE MOUNTED ADULT CHANGING STATION
22	STAINLESS STEEL BASE TABS, COUPLER
23	STAINLESS STEEL WALL MOUNTED HEAVY DUTY COUNTER BRACKET
24	STAINLESS STEEL WALL MOUNTED HEAVY DUTY PLUMBING DRAWINGS
25	WALL MOUNTED VANITY LIGHT
26	GRAB BAR MOUNTED TO CHANGING STATION
27	GRAB BAR MOUNTED TO SAFETY GLASS
28	AIR RAWE GRILLE, CENTERED ON REFERENCE
29	MIA RELEASE GRILLE, CENTERED ON REFERENCE
30	MIA MOUNTED ABOVE CEILING (SEE MAMP)
31	BURNISHED BLOCK SILL
32	MEZANINE
33	MEZANINE TO ACCESS MECHANICAL
34	MEZANINE TO ACCESS MECHANICAL
35	MEZANINE TO ACCESS MECHANICAL
36	MEZANINE TO ACCESS MECHANICAL
37	MEZANINE TO ACCESS MECHANICAL
38	MEZANINE TO ACCESS MECHANICAL
39	MEZANINE TO ACCESS MECHANICAL
40	MEZANINE TO ACCESS MECHANICAL
41	MEZANINE TO ACCESS MECHANICAL
42	MEZANINE TO ACCESS MECHANICAL
43	MEZANINE TO ACCESS MECHANICAL
44	MEZANINE TO ACCESS MECHANICAL
45	MEZANINE TO ACCESS MECHANICAL
46	MEZANINE TO ACCESS MECHANICAL
47	MEZANINE TO ACCESS MECHANICAL
48	MEZANINE TO ACCESS MECHANICAL
49	MEZANINE TO ACCESS MECHANICAL
50	MEZANINE TO ACCESS MECHANICAL



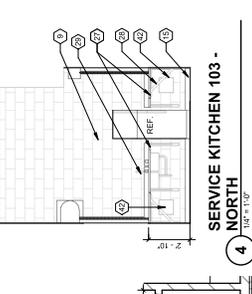
1 SERVICE KITCHEN 103 - WEST  
1/8" = 1'-0"



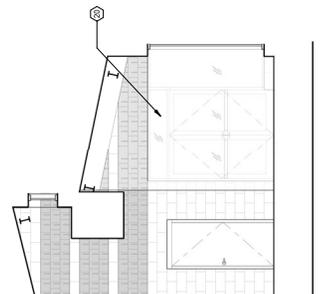
2 FAMILY RESTROOM 102 - WEST  
1/8" = 1'-0"



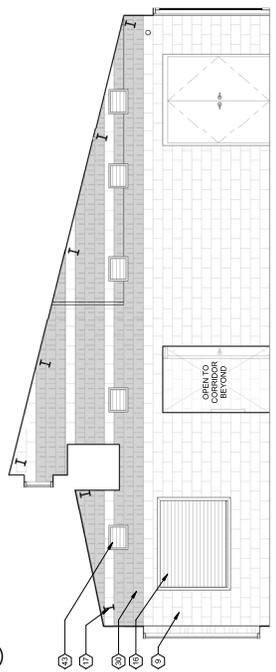
3 FAMILY RESTROOM 102 - EAST  
1/8" = 1'-0"



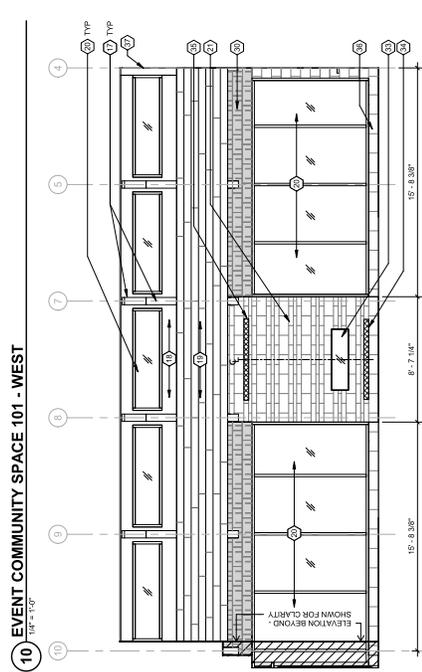
4 SERVICE KITCHEN 103 - NORTH  
1/8" = 1'-0"



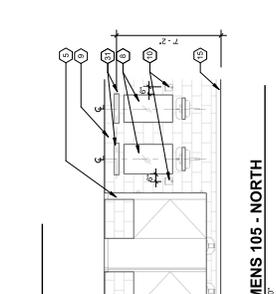
9 EVENT COMMUNITY SPACE 101 - EAST  
1/8" = 1'-0"



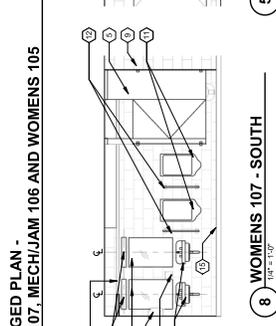
10 EVENT COMMUNITY SPACE 101 - WEST  
1/8" = 1'-0"



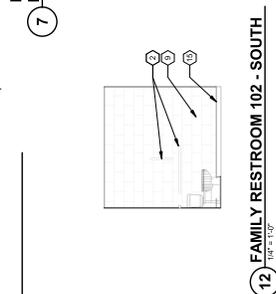
11 EVENT COMMUNITY SPACE 101 - SOUTH  
1/8" = 1'-0"



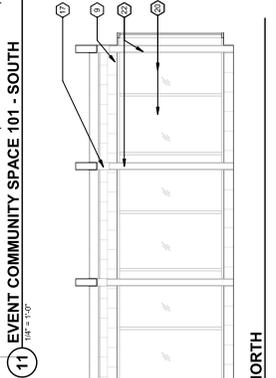
5 WOMENS 105 - NORTH  
1/8" = 1'-0"



8 WOMENS 107 - SOUTH  
1/8" = 1'-0"



12 FAMILY RESTROOM 102 - SOUTH  
1/8" = 1'-0"



14 EVENT COMMUNITY SPACE 101 - NORTH  
1/8" = 1'-0"

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/15/23

CITY OF MADISON

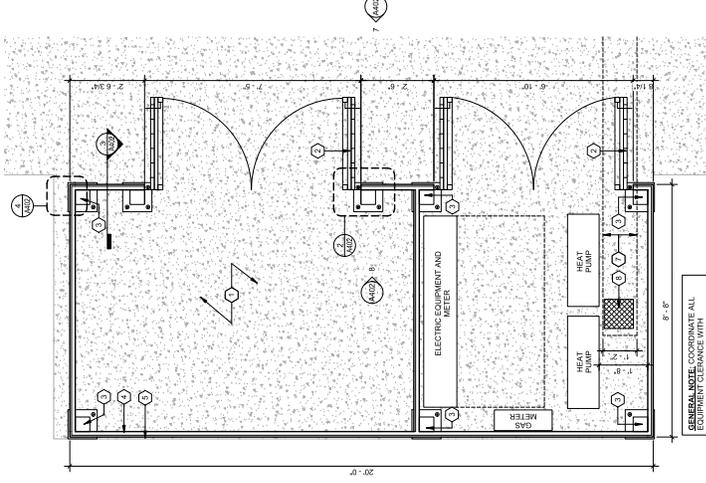
**DOOR CREEK PARK SHELTER**

7035 LITTLEMORE DR MADISON, WI 53703

**ENLARGED INTERIOR PLANS AND ELEVATIONS**

CONSTRUCTION DOCUMENTS  
MSN-20-01  
Project Number  
05/10/2023  
Date

**A401**



**1 ENCLOSURE PLAN**  
1/2" = 1'-0"

**KEYED NOTES**

- 1 CONCRETE SLAB ON GRADE WITH THICKENED SLAB EDGE
- 2 GATE
- 3 1/2" X 1/2" GALVANIZED STEEL TUBE WELDED TO 1/2" X 1/2" OF BASE PLATE AND WELDED TO CONCRETE SLAB WITH (4) NUTS AND WASHERS AT 1'-0" OFF
- 4 1/2" X 1/2" GALVANIZED STEEL TUBE WELDED TO CONCRETE SLAB WITH (4) NUTS AND WASHERS AT 1'-0" OFF
- 5 1/2" X 1/2" GALVANIZED STEEL TUBE WELDED TO CONCRETE SLAB WITH (4) NUTS AND WASHERS AT 1'-0" OFF
- 6 1/2" X 1/2" GALVANIZED STEEL TUBE WELDED TO CONCRETE SLAB WITH (4) NUTS AND WASHERS AT 1'-0" OFF
- 7 1/2" X 1/2" GALVANIZED STEEL TUBE WELDED TO CONCRETE SLAB WITH (4) NUTS AND WASHERS AT 1'-0" OFF
- 8 1/2" X 1/2" GALVANIZED STEEL TUBE WELDED TO CONCRETE SLAB WITH (4) NUTS AND WASHERS AT 1'-0" OFF

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

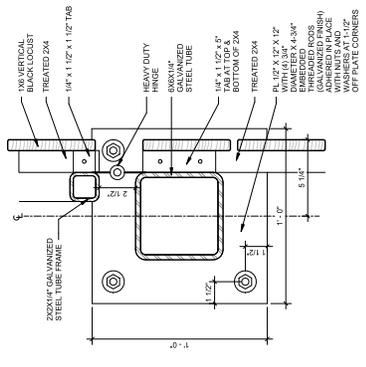
CITY OF MADISON

DOOR CREEK PARK  
SHELTER

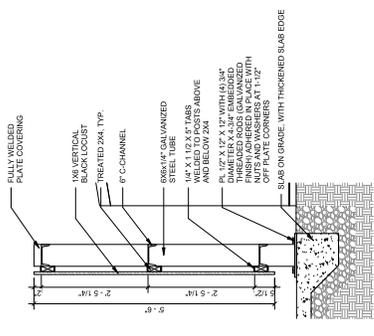
7035 LITTLEMORE DR MADISON, WI 53703  
MECHANICAL  
EQUIPMENT AND  
TRASH ENCLOSURE

CONSTRUCTION DOCUMENTS  
Project Number: MSN-20-01  
Date: 05/10/2023

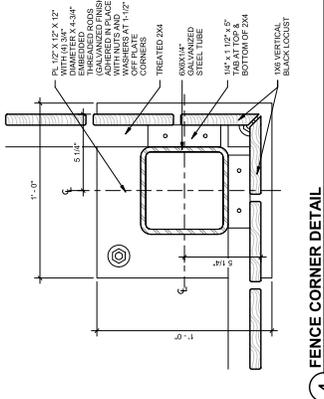
**A402**



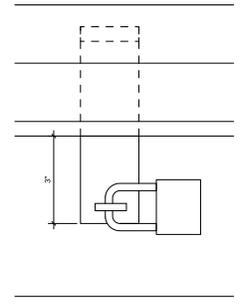
**2 FENCE DETAIL AT GATE**  
3/8" = 1'-0"



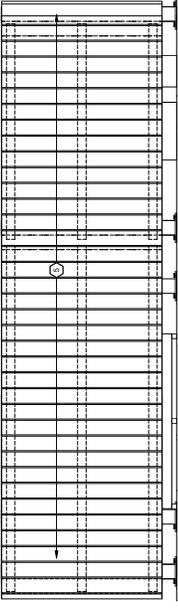
**3 SECTION AT STEEL POST**  
3/8" = 1'-0"



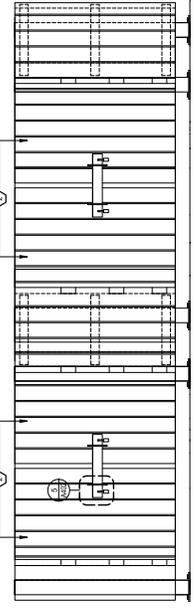
**4 FENCE CORNER DETAIL**  
3/8" = 1'-0"



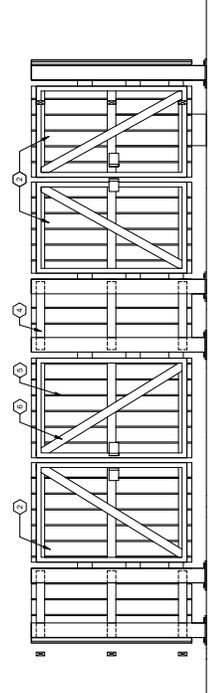
**5 DETAIL AT GATE LOCK**  
3/8" = 1'-0"



**6 DUMPSTER - WEST**  
1/2" = 1'-0"

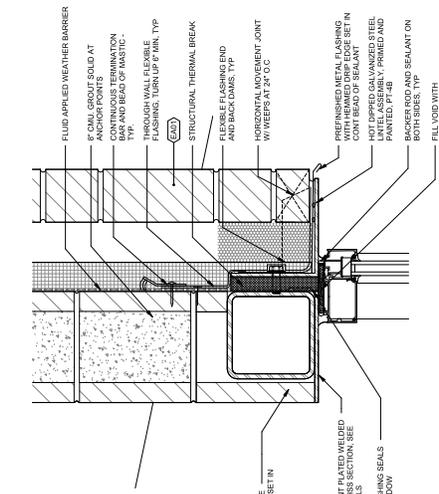


**7 DUMPSTER - EAST**  
1/2" = 1'-0"

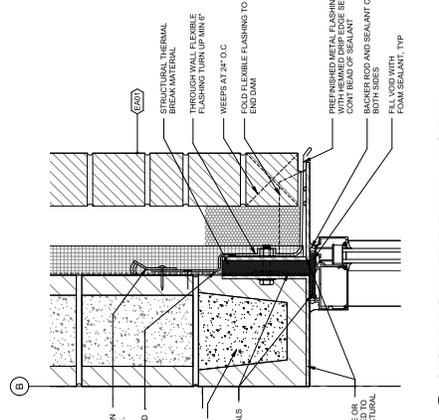


**8 DUMPSTER - INTERIOR**  
1/2" = 1'-0"

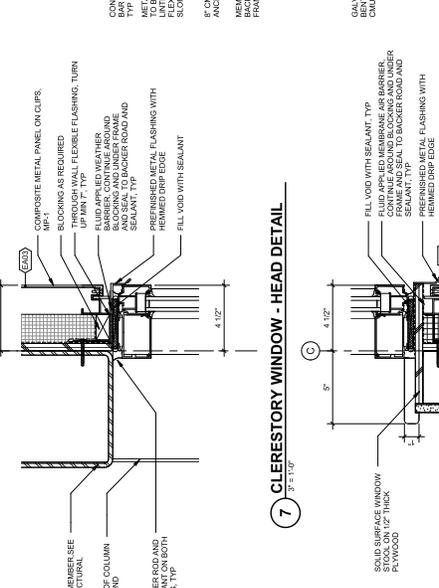
No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23



**3 STOREFRONT HEAD DETAIL - SOUTH**  
 3' x 11'-0"



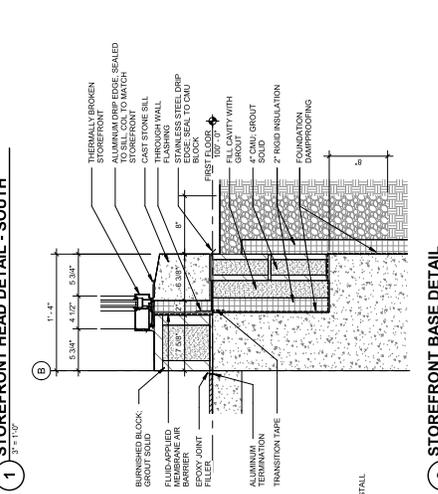
**4 STOREFRONT HEAD DETAIL - NORTH**  
 3' x 11'-0"



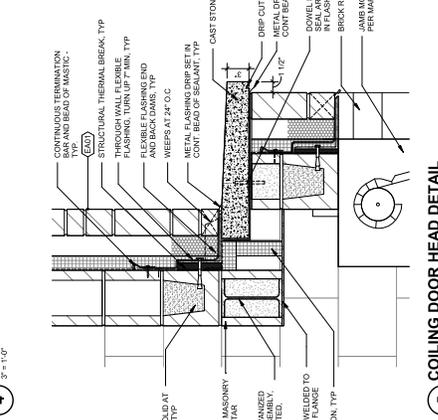
**7 CLERESTORY WINDOW - HEAD DETAIL**  
 3' x 11'-0"



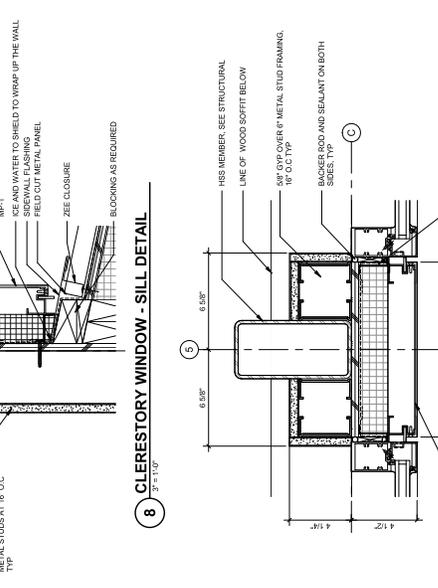
**8 CLERESTORY WINDOW - SILL DETAIL**  
 3' x 11'-0"



**2 STOREFRONT BASE DETAIL**  
 1'-1 1/2\"/>



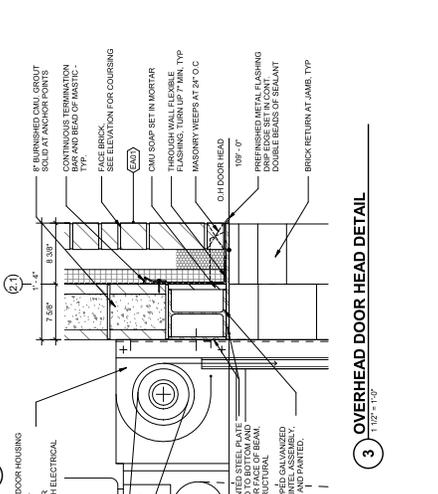
**5 COILING DOOR HEAD DETAIL**  
 1'-1 1/2\"/>



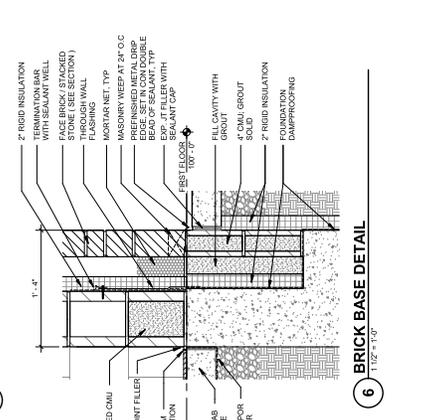
**9 DETAIL AT CLEARSTORY JAMB 01**  
 3' x 11'-0"



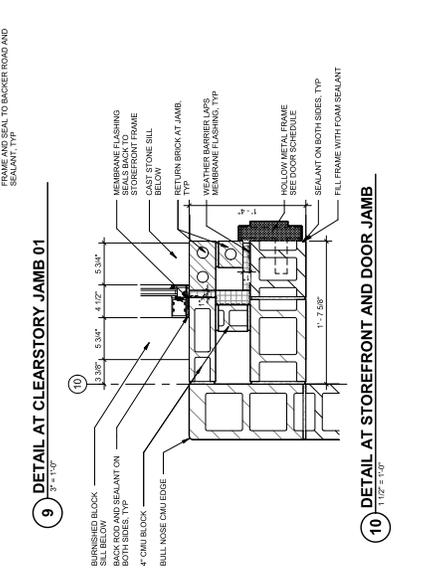
**10 DETAIL AT STOREFRONT AND DOOR JAMB**  
 1'-1 1/2\"/>



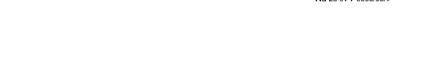
**6 BRICK BASE DETAIL**  
 1'-1 1/2\"/>



**3 OVERHEAD DOOR HEAD DETAIL**  
 1'-1 1/2\"/>



**1 STOREFRONT HEAD DETAIL - NORTH**  
 3' x 11'-0"



**2 STOREFRONT HEAD DETAIL - SOUTH**  
 3' x 11'-0"

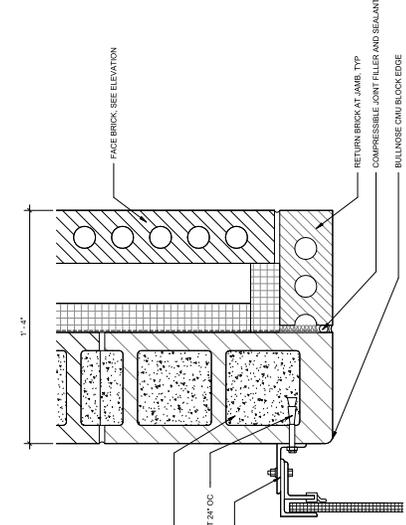


No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

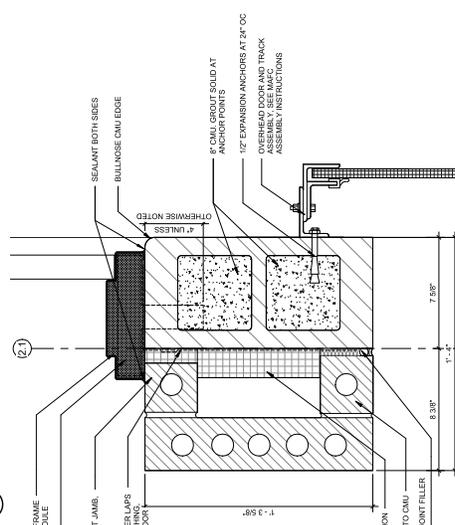
CITY OF MADISON  
DOOR CREEK PARK  
SHELTER  
7035 LITTLEMORE DR MADISON, WI 53703  
EXTERIOR DETAILS

CONSTRUCTION DOCUMENTS	MSN:20-01
Project Number	05/10/2023
Date	

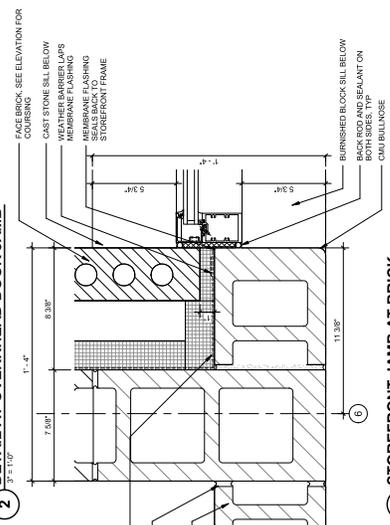
**A503**



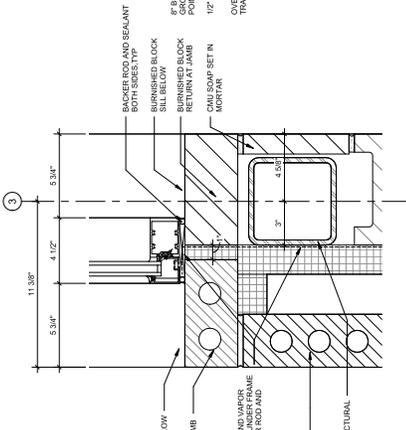
**1** COILING DOOR JAMB DETAIL  
3\"/>



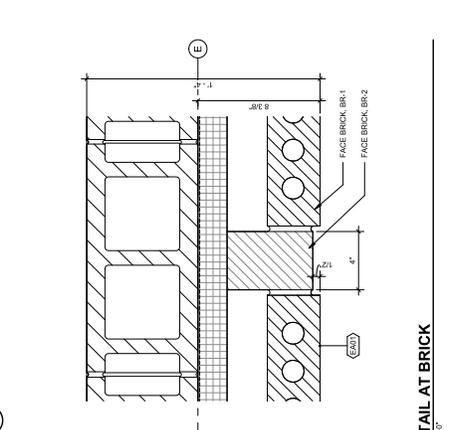
**2** DETAIL AT OVERHEAD DOOR JAMB  
3\"/>



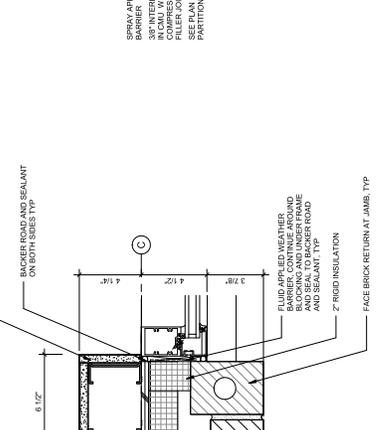
**3** STOREFRONT JAMB AT BRICK  
3\"/>



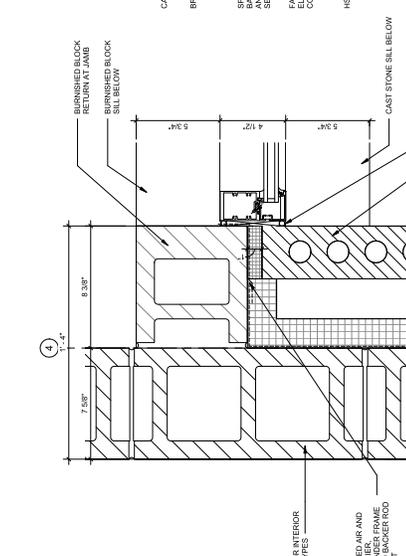
**4** DETAIL AT VESTIBULE STOREFRONT JAMB  
3\"/>



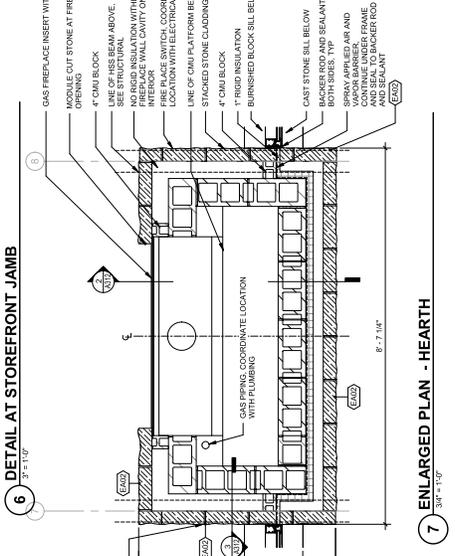
**5** DETAIL AT BRICK  
3\"/>



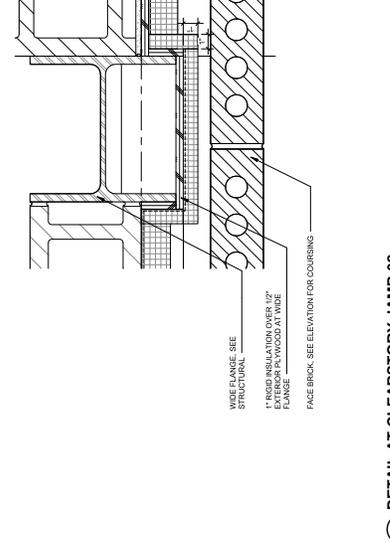
**6** DETAIL AT CLEARSTORY JAMB 02  
3\"/>



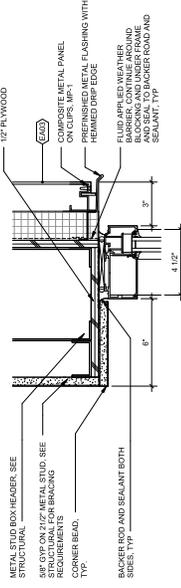
**7** ENLARGED PLAN - HEARTH  
3\"/>



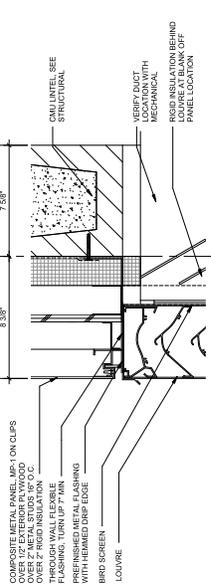
**8** DETAIL AT STOREFRONT JAMB  
3\"/>



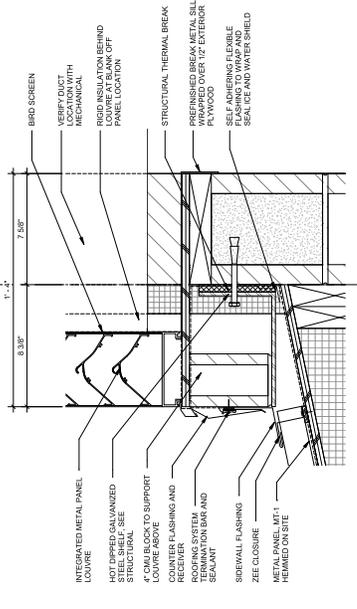
**9** DETAIL AT OVERHEAD DOOR JAMB  
3\"/>



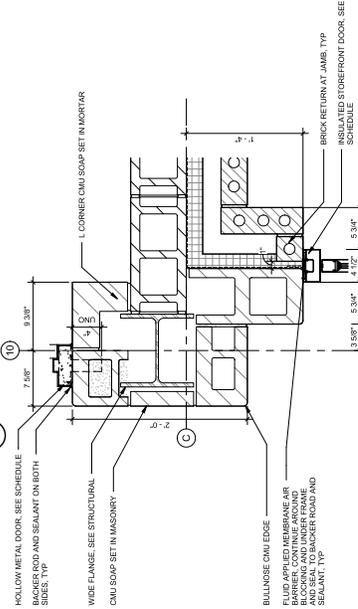
**1** DETAIL AT STORE FRONT HEAD  
9' - 7 1/2\"/>



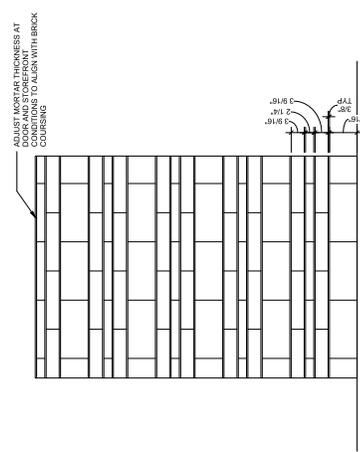
**2** DETAIL AT LOUVRE HEAD  
9' - 7 1/2\"/>



**3** DETAIL LOUVRE SILL  
9' - 7 1/2\"/>



**4** DETAIL AT STOREFRONT DOOR JAMB  
11' 02\"/>



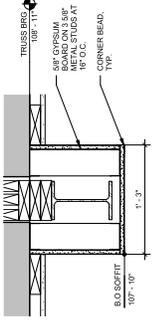
**5** BRICK COURSING, TYP  
36\"/>

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

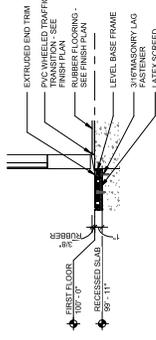
CITY OF MADISON  
DOOR CREEK PARK  
SHELTER  
7035 LITTLEMORE DR MADISON, WI 53703  
EXTERIOR DETAILS

CONSTRUCTION DOCUMENTS	MSN-20-01
Project Number	05/10/2023
Date	

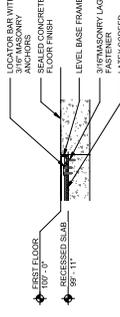
**A504**



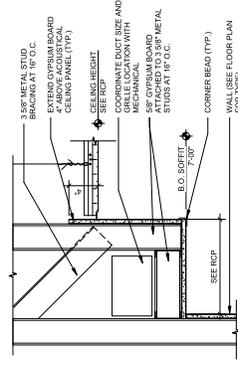
1 **GWB SOFFIT DETAIL**  
1:1/2" = 1'-0"



2 **ENTRY MAT TO RUBBER TRANSITION**  
1:1/2" = 1'-0"



3 **WALK OFF ENTRY GRID DETAIL**  
1:1/2" = 1'-0"



4 **SOFFIT DETAIL**  
1:1/2" = 1'-0"

No.	Description	Date
1	CONSTRUCTION DOCUMENTS	01/19/23

CITY OF MADISON

DOOR CREEK PARK  
SHELTER

7035 LITTLEMORE DR MADISON, WI 53703  
INTERIOR DETAILS

CONSTRUCTION DOCUMENTS	MSN-20-01
Project Number	05/10/2023
Date	

A511



**FAN SCHEDULE**

MARK	LOCATION	SERIES	DESCRIPTION	PHASES				ELECTRICAL	REMARKS									
				PHASE 1	PHASE 2	PHASE 3	PHASE 4											
PHASE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE										
F-1	MEDIANE	AM-HLSHP	BREXHECK-D-SH-WG	DIRCT	B	1000	400	0.75	1.405	2	200	3	8.5	66	78	84	14.1	1.2

1. UNIT TO BE PROVIDED WITH LOCAL EXHAUST SUPPLY. SEE CONTRACTOR RESPONSIBLE FOR CONNECTION OF UNIT TO BAS.
2. UNIT TO BE INTERLOCKED WITH EXHAUSTER MOTOR OF FRESH AIR INTAKES IN THE OUTSIDE AIR EXHAUST.
3. UNIT TO BE INTERLOCKED WITH EXHAUSTER MOTOR OF FRESH AIR INTAKES IN THE OUTSIDE AIR EXHAUST.
4. UNIT TO BE INTERLOCKED WITH EXHAUSTER MOTOR OF FRESH AIR INTAKES IN THE OUTSIDE AIR EXHAUST.

**LOUVER SCHEDULE**

MARK	LOCATION	SERIES	DESCRIPTION	TYPE	PHASE	HEIGHT	WIDTH	DEPTH	REMARKS		
L-1	WEST WALL	FRESH AIR INTAKE	STATIONARY	4000	6.3	0.08	600	60	30	6	ALL
L-2	WEST WALL	EXHAUST AIR	STATIONARY	4000	6.3	0.08	600	60	30	6	ALL
L-3	SOUTH EAST WALL	SERVICE OFFICIALS' CLOSET RESTROOM EXHAUST	STATIONARY	320	0.6	0.04	370	16	16	6	ALL

1. EXHAUST UNIT OPERATING HEIGHT (E.O.H.)

**ELECTRIC UNIT HEATER SCHEDULE**

MARK	LOCATION	SERIES	DESCRIPTION	TYPE	PHASE	HEIGHT	WIDTH	DEPTH	REMARKS						
EH-1	VESTIBULE	REHOR	EH-2	WALL	28.1	28H x 10D	600	2	200	2	200	1	51	ALL	
EH-2	FAMILY RESTROOM	REHOR	EH-2	CEILING	INTEGRATED	28.1	28H x 10D	600	2	200	2	200	1	51	ALL
EH-3	BARBER	REHOR	EH-2	CEILING	INTEGRATED	12.1	12.1H x 10.0D	516	3	300	1.5	200	1	51	ALL

1. PROVIDE UNIT WITH INTERNAL DISCONNECT AND INTERNAL THERMOSTAT.
2. REFERENCE ARCHITECTURAL DRAWINGS FOR ALL COLOR FINISH SELECTIONS.
3. COORDINATE WITH ELECTRICAL CONTRACTOR FOR LOCATION AND ELECTRICAL REQUIREMENTS.

**AIR HANDLING UNIT SCHEDULE**

MARK	LOCATION	SERIES	MANUFACTURER	MODEL NO.	TYPE	PHASE	HEIGHT	WIDTH	DEPTH	REMARKS
AH-1	MEZANINE	BVHS SHLTER	DAVAK	DHPFC204	1	200	0.8	1	1	1
AH-2	MEZANINE	BVHS SHLTER	DAVAK	DHPFC204	1	200	0.8	1	1	1

1. EG TO PROVIDE SERVICE MOTOR FOR SUPPLY AND EXHAUST. SEE CONTRACTOR RESPONSIBLE FOR CONNECTION OF UNIT TO BAS.
2. MAX FAN VELOCITY ON COOLING COIL SHALL BE NO GREATER THAN 800 FPM. MAX SUPP. AIR TO PROVIDE DOCUMENTATION THAT AIRFLOW CARRY OVERHEAT OF THE COOLING COIL WILL NOT OCCUR BASED ON THE SCHEDULED LOADS.
3. PROVIDE UNIT WITH ELECTRICAL SERVICE CONNECTION DETAIL.
4. PROVIDE INDICATION SUPPLY FAN FOR SYSTEM BALANCING. EXHAUST SUPPLY FAN SHALL INCLUDE FAN MOTOR WITHIN THE CONTROL COMPARTMENT FOR ON/OFF REPORT. THE FACTORY PROVIDED TERMINAL BLOCK SHALL INCLUDE A JUMPER THAT CAN BE REMOVED WHEN WIRING IS FIELD PROVIDED TO USE CONTROL.
5. PROVIDE UNIT WITH LOCAL EXHAUST SUPPLY. SEE CONTRACTOR RESPONSIBLE FOR CONNECTION OF UNIT TO BAS.
6. ALL ASSOCIATED AND UNITS TO BE UPDATED TO DETAIL NO. 10.
7. PROVIDE A FINISH STEEL GRATE FOR SUPPLY FAN INTAKE.
8. UNIT MANUFACTURER TO PROVIDE DISCONNECT FOR SUPPLY FAN INTAKE.
9. UNIT TO BE PROVIDED WITH LOCAL EXHAUST SUPPLY. SEE CONTRACTOR RESPONSIBLE FOR CONNECTION OF UNIT TO BAS.
10. THE NUMBER AND WIRING OF PIPES AND CONDENSERS FOR UNIT IN CONDENSER AND THERMOSTATS MODE WILL BE SPECIFIED IN SCHEDULE D. THIS IS SOURCE OF INFORMATION.
11. UNIT TO BE PROVIDED WITH LOCAL EXHAUST SUPPLY. SEE CONTRACTOR RESPONSIBLE FOR CONNECTION OF UNIT TO BAS.
12. UNIT TO BE PROVIDED WITH LOCAL EXHAUST SUPPLY. SEE CONTRACTOR RESPONSIBLE FOR CONNECTION OF UNIT TO BAS.

**HEAT PUMP SCHEDULE**

MARK	LOCATION	SERIES	MANUFACTURER	MODEL NO.	TYPE	PHASE	HEIGHT	WIDTH	DEPTH	REMARKS
HP-1	FENCED AREA AT NORTHWEST CORNER	AH-1	DAVAK	DHPFC204	1	200	0.8	1	1	1
HP-2	FENCED AREA AT NORTHWEST CORNER	AH-1	DAVAK	DHPFC204	1	200	0.8	1	1	1

1. ALL UNITS SHALL HAVE CONCURRENT CONTROLS DOWN TO +/- 0.5 DEGREE OUTSIDE AIR.
2. UNITS BASED ON DAVAK FT SERIES.
3. LOCATE UNIT IN FENCED AREA AT NORTHWEST CORNER OF BUILDING. MAINTAIN ALL MANUFACTURER RECOMMENDED CLEARANCES AROUND UNIT.
4. REFRIGERANT PIPING TO BE ROUTED IN CONDUIT BENEATH CONCRETE WALKWAY. SEE ARCHITECTURAL PLANS FOR DETAILS.

**ENERGY RECOVERY VENTILATOR SCHEDULE**

MARK	LOCATION	SERIES	DESCRIPTION	TYPE	PHASE	HEIGHT	WIDTH	DEPTH	REMARKS	
ERV-1	MEZANINE	BVHS SHLTER	DAVAK	DHPFC204	1	200	0.8	1	1	1

1. UNIT TO BE PROVIDED WITH LOCAL EXHAUST SUPPLY. SEE CONTRACTOR RESPONSIBLE FOR CONNECTION OF UNIT TO BAS.
2. UNIT TO BE PROVIDED WITH LOCAL EXHAUST SUPPLY. SEE CONTRACTOR RESPONSIBLE FOR CONNECTION OF UNIT TO BAS.
3. UNIT TO BE PROVIDED WITH LOCAL EXHAUST SUPPLY. SEE CONTRACTOR RESPONSIBLE FOR CONNECTION OF UNIT TO BAS.
4. UNIT TO BE PROVIDED WITH LOCAL EXHAUST SUPPLY. SEE CONTRACTOR RESPONSIBLE FOR CONNECTION OF UNIT TO BAS.

**CITY OF MADISON**

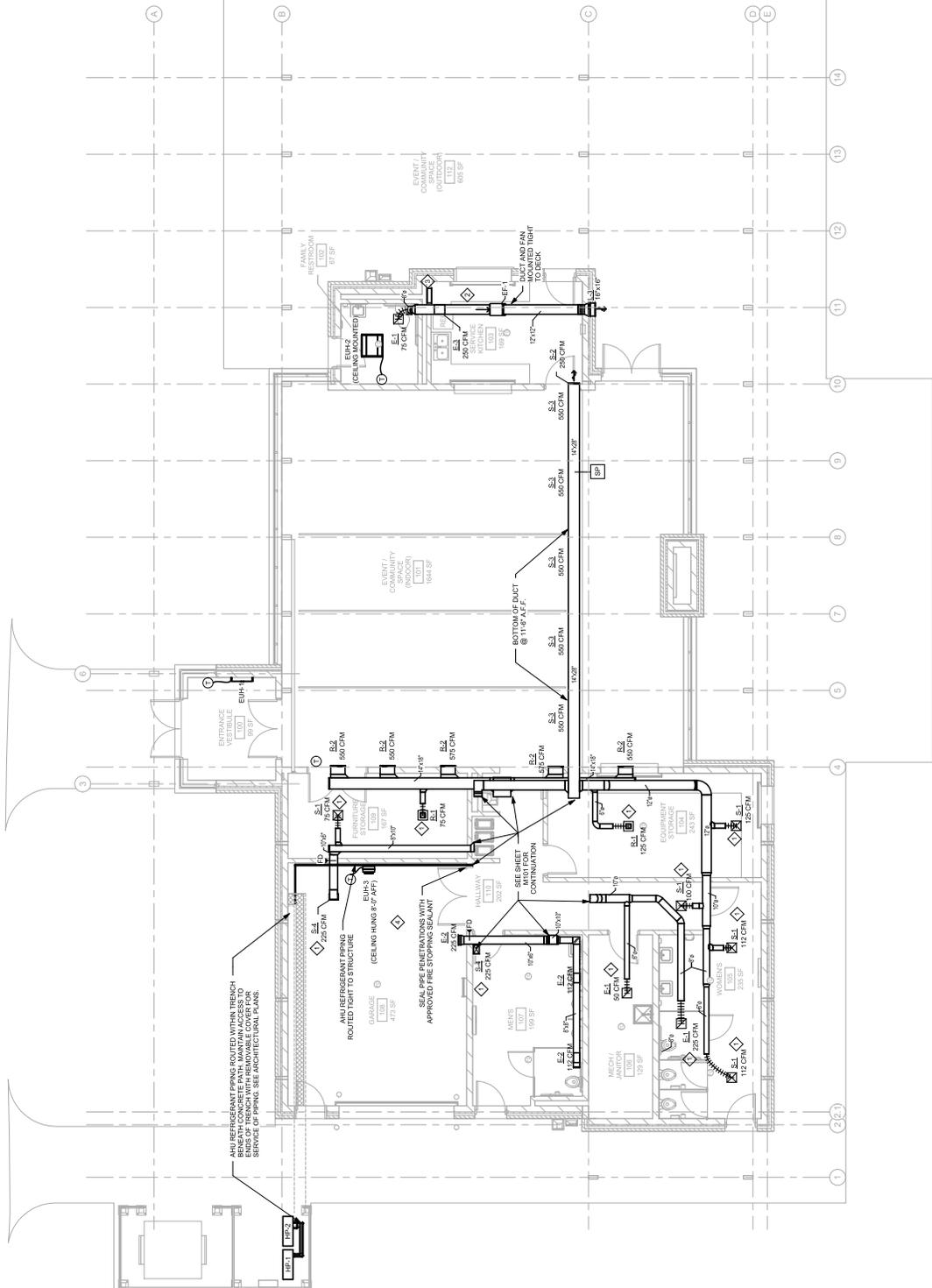
**DOOR CREEK PARK SHELTER**

MADISON, WI 53703

**MECHANICAL SCHEDULES**

CONSTRUCTION DOCUMENTS MSN-20-01  
Project Number 05/10/2023

**M001**



No.	Description	Date

CITY OF MADISON

DOOR CREEK PARK  
SHELTER

MADISON, WI 53703  
**MECHANICAL FIRST  
FLOOR PLAN**

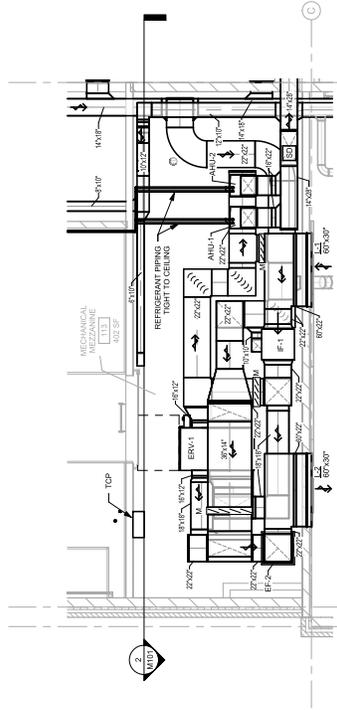
CONSTRUCTION DOCUMENTS  
Project Number: MSN-20-01  
Date: 05/10/2023

**M100**

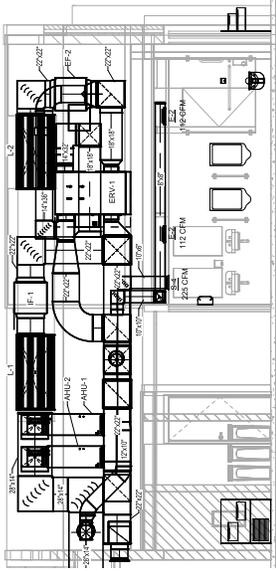
- KEYED NOTES:**
- ◇ ALL GRILLES, REGISTERS, AND DIFFUSERS THAT ARE LOCATED IN AN AREA WHERE THERE IS A POSSIBILITY OF COLLISION WITH VOLUME-BALANCING DAMPERS ACCESSIBLE FROM THE DEVICE FACE.
  - ◇ EXPOSED DUCTWORK AND IN-USE EXHAUST FANS TO BE PAINTED. REFERENCE ARCHITECTURAL DRAWINGS FOR COLOR FINISH SELECTIONS.
  - ◇ 12x8 TRANSFER GRILLE MOUNTED 9'-0" AFF TO VENTILATE PLUMBING CHASE.
  - ◇ GARAGE SPACE IS 1 HOUR FIRE RATED. SEAL ALL PENETRATIONS THROUGH FIRE WALL WITH APPROVED FIRE BARRIER CAULK.

**MECHANICAL FIRST FLOOR PLAN**  
3/16" = 1'-0"

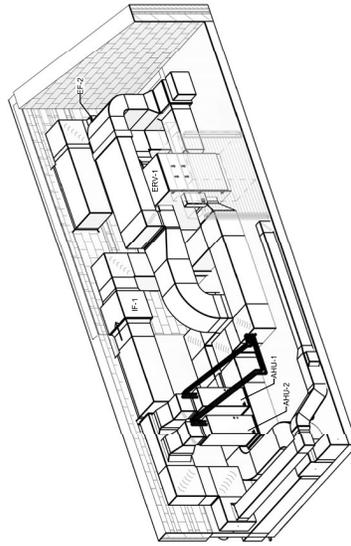




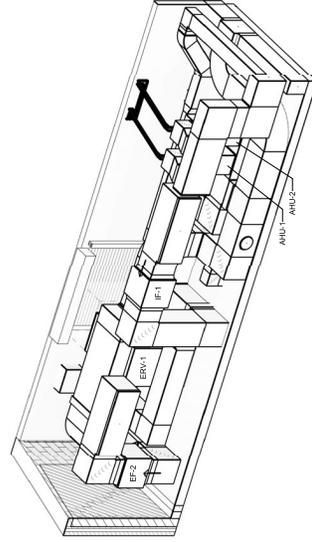
**1** MECHANICAL MEZZANINE PLAN  
SCALE: 1/4" = 1'-0"



**2** SECTION - MEZZANINE SOUTH  
SCALE: 1/4" = 1'-0"



**3** MECHANICAL MEZZANINE ISOMETRIC 1  
SCALE



**4** MECHANICAL MEZZANINE ISOMETRIC 2  
SCALE

No.	Description	Date

CITY OF MADISON

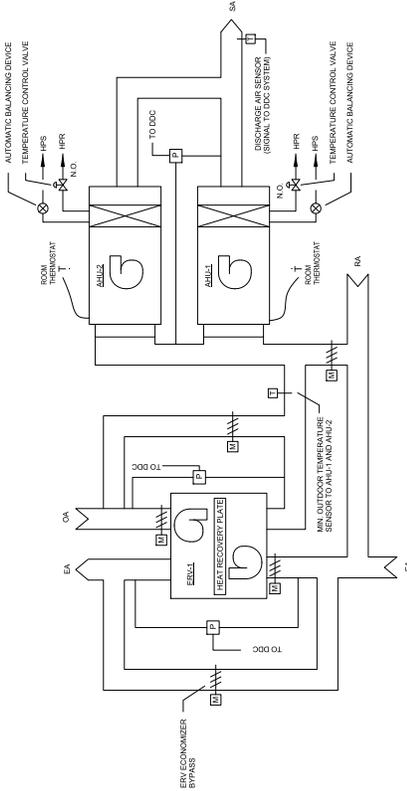
DOOR CREEK PARK  
SHELTER

MADISON, WI 53703

MECHANICAL  
MEZZANINE PLAN

CONSTRUCTION DOCUMENTS MSN-20-01  
Project Number: 200204  
Date: 05/10/2023

M101



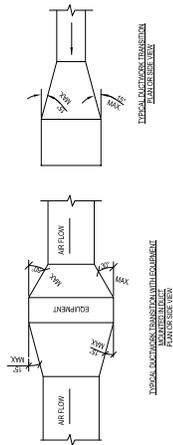
ALL WITH HEAT PUMP AND ENERGY RECOVERY CONTROL SEQUENCE. SCHEDULED OCCUPIED AND UNOCCUPIED MODES SHALL BE DEFINED BY THE FACTORY PROVIDED PACKAGED DDC SYSTEM. DURING OCCUPIED MODE, THE HEAT PUMP AND HEAT RECOVERY UNIT SHALL CYCLE ON A CALL FOR HEATING OR COOLING. SPACE TEMPERATURE SHALL BE BETWEEN 68.0 DEGREES F (ADJ) UNOCCUPIED) AND 65.0 DEGREES F (ADJ) (OCCUPIED). FAN AND HEAT PUMP SHALL CYCLE ON A CALL FOR HEATING OR COOLING. SPACE TEMPERATURE SHALL BE BETWEEN 68.0 DEGREES F (ADJ) (OCCUPIED) AND 65.0 DEGREES F (ADJ) (UNOCCUPIED). ALL DAMPERS ARE PROVIDED BY THE UNIT MANUFACTURER. THE HEAT PUMP AND ENERGY RECOVERY UNIT TO HAVE PACKAGED OPERATING AND SAFETY AUTOMATIC CONTROL, FURNISHED BY THE UNIT MANUFACTURER. THE UNIT SHALL HAVE AUTOMATIC CONTROL TO SWITCH FROM HEATING TO COOLING MODES. FLOW SWITCHES ARE FURNISHED WITH THE HEAT PUMP AND ARE FACTORY WIA. A FIRE ALARM CONDITION ALL EQUIPMENT SHALL BE DEREGULATED AND DAMPERS SHALL BE FULLY CLOSED.

FAN STATUS: DURING OCCUPIED MODE, INITIATE ALARM THROUGH THE DDC (OPEN INTERFACE IF FAN FAILS TO MAINTAIN A MINIMUM FLOW WHEN ENERGIZED. THE RETURN AIR DAMPER TO BE OPEN AND THE OUTSIDE AIR DAMPER TO BE OPEN AT ITS MINIMUM OUTDOOR AIR POSITION. WHEN THE OUTSIDE AIR DAMPER CLOSURES BELOW 35° (ADJ), MODULATE THE OUTSIDE AIR AND RETURN AIR DAMPERS TO MAINTAIN SPACE TEMPERATURE AND THE RELIEF AIR DAMPER SHALL OPEN.

PROVIDE ENERGY RECOVERY UNIT WITH FACTORY SUPPLIED, FIELD INSTALLED FROST CONTROL VALVE. ENERGY RECOVERY UNIT TO BE ENABLED BY PARALLEL RELAYS FROM EACH AHU/STAT.

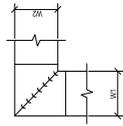
### 1 CONTROL SEQUENCE - AHU WITH HEAT PUMP AND ENERGY RECOVERY UNIT

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



### 3 DETAIL - DUCTWORK EQUIPMENT TRANSITIONS

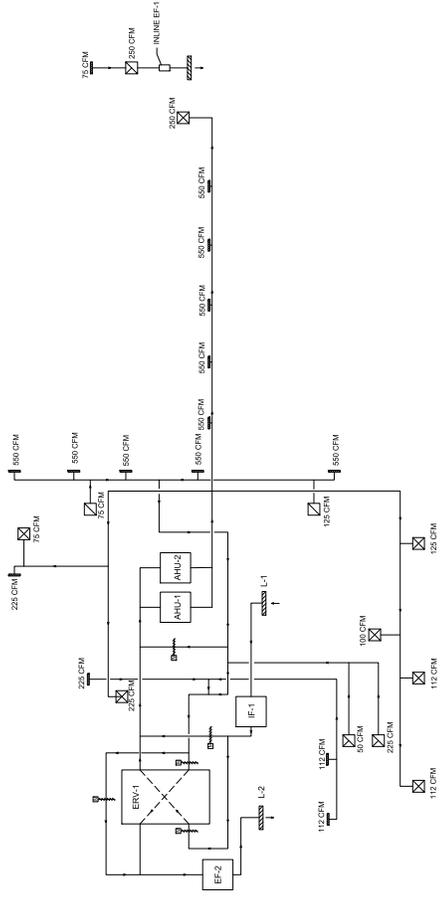
SCALE: NONE



1. ALL VANE ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY SMOCK.
2. WHEN W1 DOES NOT EQUAL W2, VANE SHALL BE SINGLE THICKNESS VANE TYPE REGARDLESS OF DIMENSION.
3. ALL SINGLE THICKNESS VANES SHALL HAVE A 7.7 (50mm) RADIUS, 1.12" (28mm) MAXIMUM SPACE BETWEEN VANES AND 1/4" (6mm) THROUGH GAGE.
4. WHEN W1 EQUALS W2 AND W1 IS GREATER THAN 27" (686mm), VANES SHALL BE DOUBLE VANE TYPE.

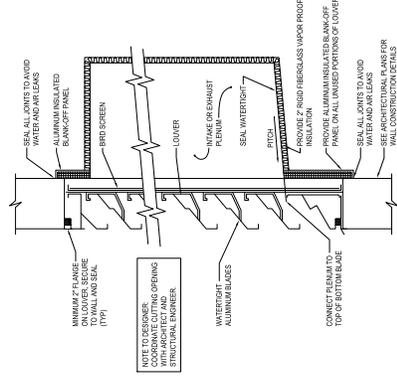
### 4 DETAIL - DUCTWORK SQUARE VANE ELBOWS

SCALE: NONE



### 2 ONE LINE AIRFLOW DIAGRAM

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



### 5 DETAIL - LOUVER DETAIL

SCALE: NONE

No.	Description	Date

## CITY OF MADISON

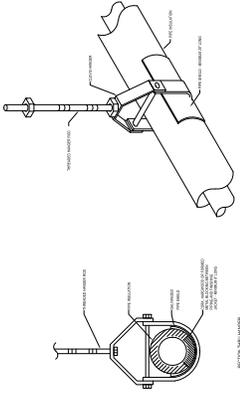
## DOOR CREEK PARK SHELTER

MADISON, WI 53703

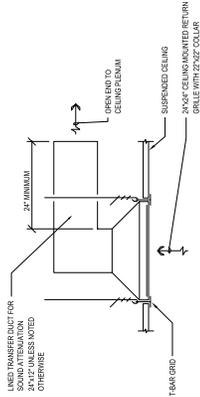
## MECHANICAL SEQUENCE AND DETAILS

CONSTRUCTION DOCUMENTS MSN-20-01  
 Project Number: 05/10/2023  
 Date

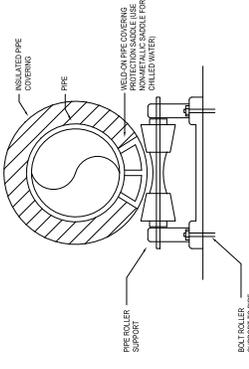
## M200



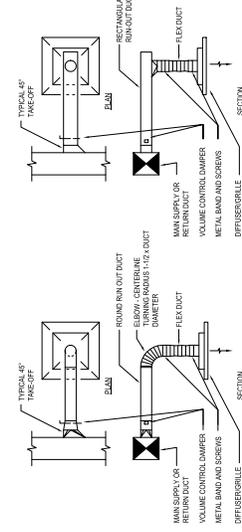
**1** **DETAIL - PIPE HANGER TYPICAL**  
 SCALE: NONE



**4** **DETAIL - RETURN TRANSFER GRILLE**  
 SCALE: NONE

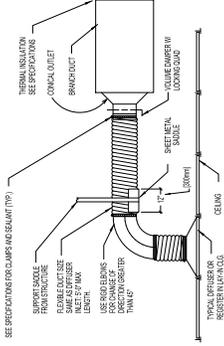


**2** **DETAIL - PIPE ROLLER SUPPORT**  
 SCALE: NONE

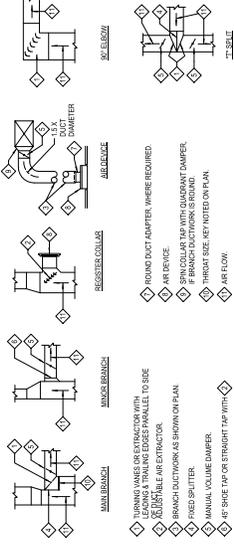


- NOTES:**
1. CONTRACTOR HAS THE OPTION TO USE EITHER METHOD SHOWN.
  2. MAXIMUM LENGTH OF FLEXIBLE DUCT SHALL BE 5'. FLEXIBLE DUCT MAY BE UTILIZED TO FORM 90° CHANGE IN DIRECTION/ANIMAL.
  3. CONTRACTOR SHALL PROVIDE TRANSMISSION PERFORMANCE AS APPLICABLE TO EACH USE INDICATED AND REQUIRED.

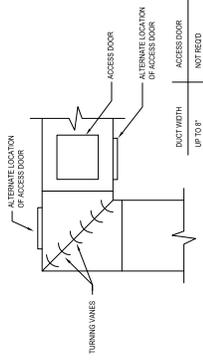
**5** **DETAIL - SUPPLY AND RETURN DUCT TAKE-OFF**  
 SCALE: NONE



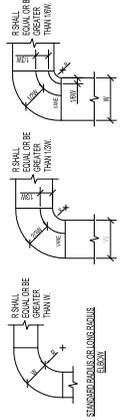
**8** **DETAIL - FLEXIBLE AIR DUCT CONNECTOR**  
 SCALE: NONE



**3** **DETAIL - DUCTWORK AND CONNECTIONS**  
 SCALE: NONE



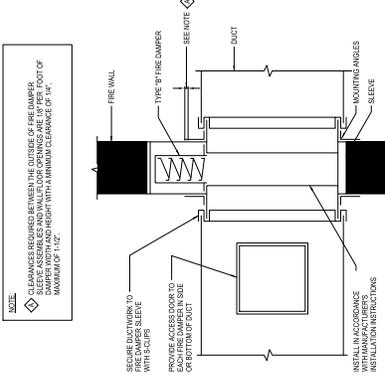
**6** **DETAIL - TURNING VANE ACCESS**  
 SCALE: NONE



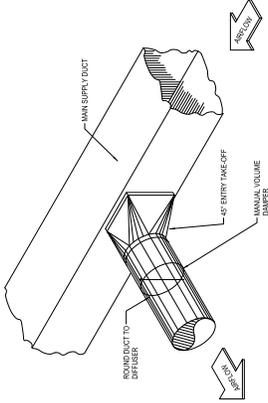
**9** **DETAIL - DUCTWORK RADIUS ELBOWS**  
 SCALE: NONE

- NOTES:**
1. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE WELDED.
  2. THE RADIUS ELBOWS SHALL BE CONSTRUCTED AS SHOWN. ALL 90° RADIUS ELBOWS SHALL HAVE LANGE WELDS SHALL BE CONSTRUCTED, SUPPORTED AND FINISHED AS SHOWN BY DRAWING.

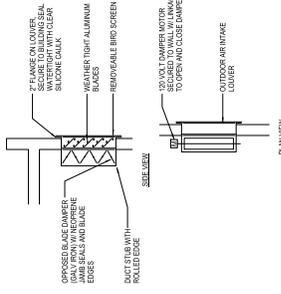
No.	Description	Date



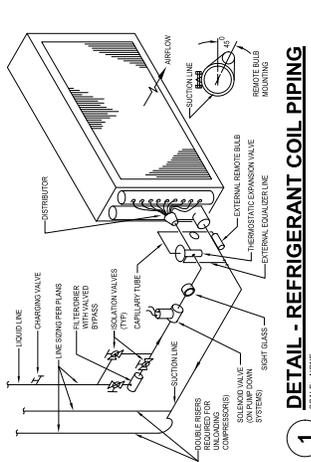
**3** **DETAIL - FIRE DAMPER**  
SCALE: NONE



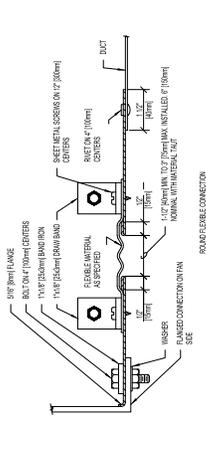
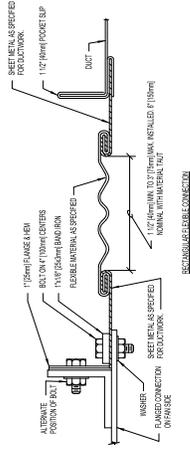
**2** **DETAIL - BRANCH DUCT TAKE-OFF**  
SCALE: NONE



**5** **DETAIL - OUTDOOR AIR INTAKE LOUVER**  
SCALE: NONE



**1** **DETAIL - REFRIGERANT COIL PIPING**  
SCALE: NONE



**4** **DETAIL - FLEXIBLE DUCT CONNECTIONS**  
SCALE: NONE

No.	Description	Date

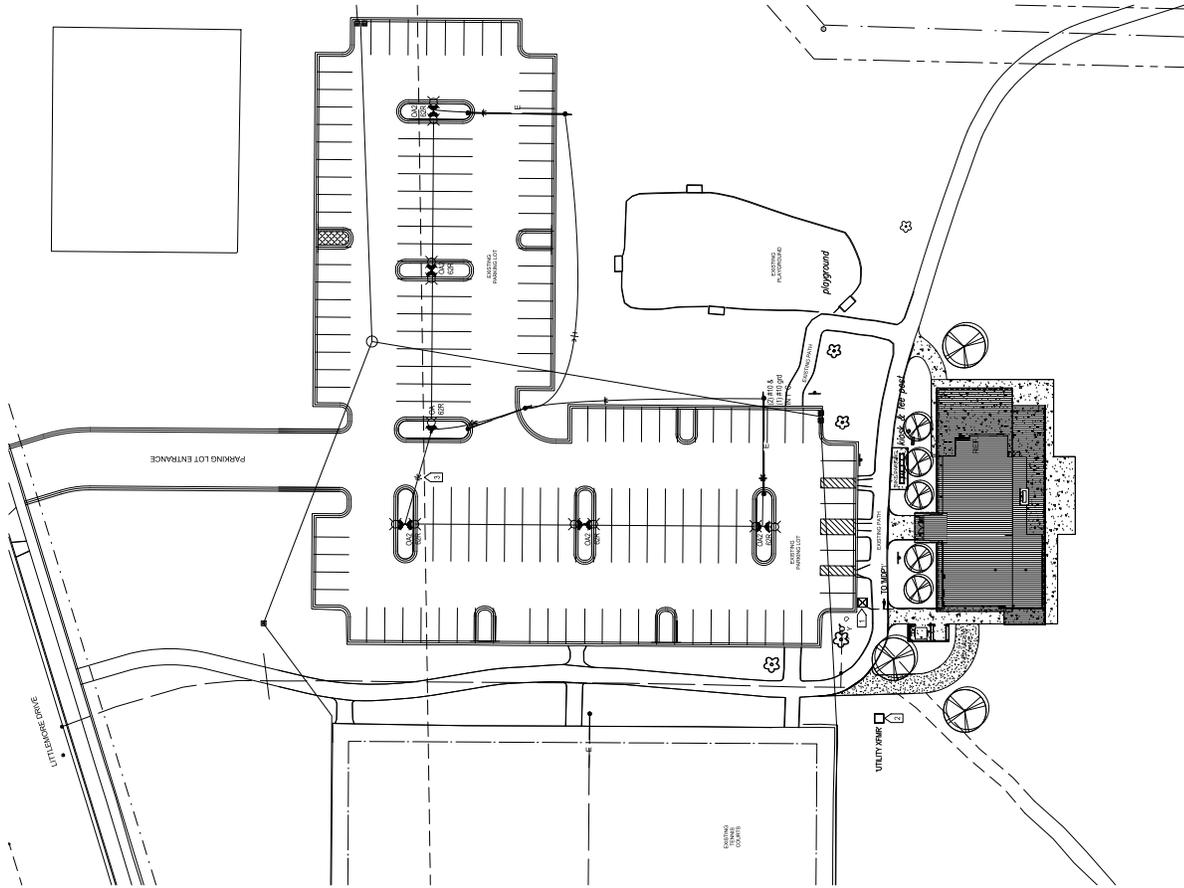
**CITY OF MADISON**  
  
**DOOR CREEK PARK SHELTER**  
  
MADISON, WI 53703  
**MECHANICAL DETAILS**



- GENERAL NOTES:**
1. SHEET SHOWN FOR ELECTRICAL EQUIPMENT IN PARKING LOT AND SURROUNDING AREA ONLY.
  2. SEE OTHER SHEETS FOR UNDERGROUND UTILITY LINES AND UNDERGROUND ELECTRICAL LINES WITH UNDERGROUND UTILITIES. FIELD COORDINATE UNDERGROUND ELECTRICAL LINES WITH UNDERGROUND UTILITIES. FIELD COORDINATE UNDERGROUND ELECTRICAL LINES WITH UNDERGROUND UTILITIES. FIELD COORDINATE UNDERGROUND ELECTRICAL LINES WITH UNDERGROUND UTILITIES.
  3. REFER TO DETAIL A-2711 FOR POLE HEIGHT DETAIL.
  4. REFER TO DETAIL A-2712 FOR POLE BASE DETAIL.

**REFERENCE NOTES:**

1. A-2711 (2) QUANTITY UNDERGROUND ENCLOSURE OR EQUIVALENT SHALL BE INSTALLED TO PROTECT UNDERGROUND ELECTRICAL LINES FROM DAMAGE BY OTHER UNDERGROUND UTILITIES. REFER TO DETAIL A-2711 FOR ENCLOSURE DETAIL.
2. ALL UNDERGROUND ELECTRICAL LINES SHALL BE INSTALLED IN CONFORMANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70B CODE BOOK. ALL UNDERGROUND ELECTRICAL LINES SHALL BE INSTALLED IN CONFORMANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70B CODE BOOK.
3. PARKING LOT LIGHTING CIRCUITS SHALL UTILIZE EXISTING UNDERGROUND BASEWAYS IN EXISTING UNDERGROUND BASEWAYS. ALL UNDERGROUND ELECTRICAL LINES SHALL BE INSTALLED IN CONFORMANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70B CODE BOOK. REFER TO DETAIL A-2711 FOR UNDERGROUND ELECTRICAL LINES DETAIL.



No.	Description	Date

CITY OF MADISON

DOOR CREEK PARK SHELTER

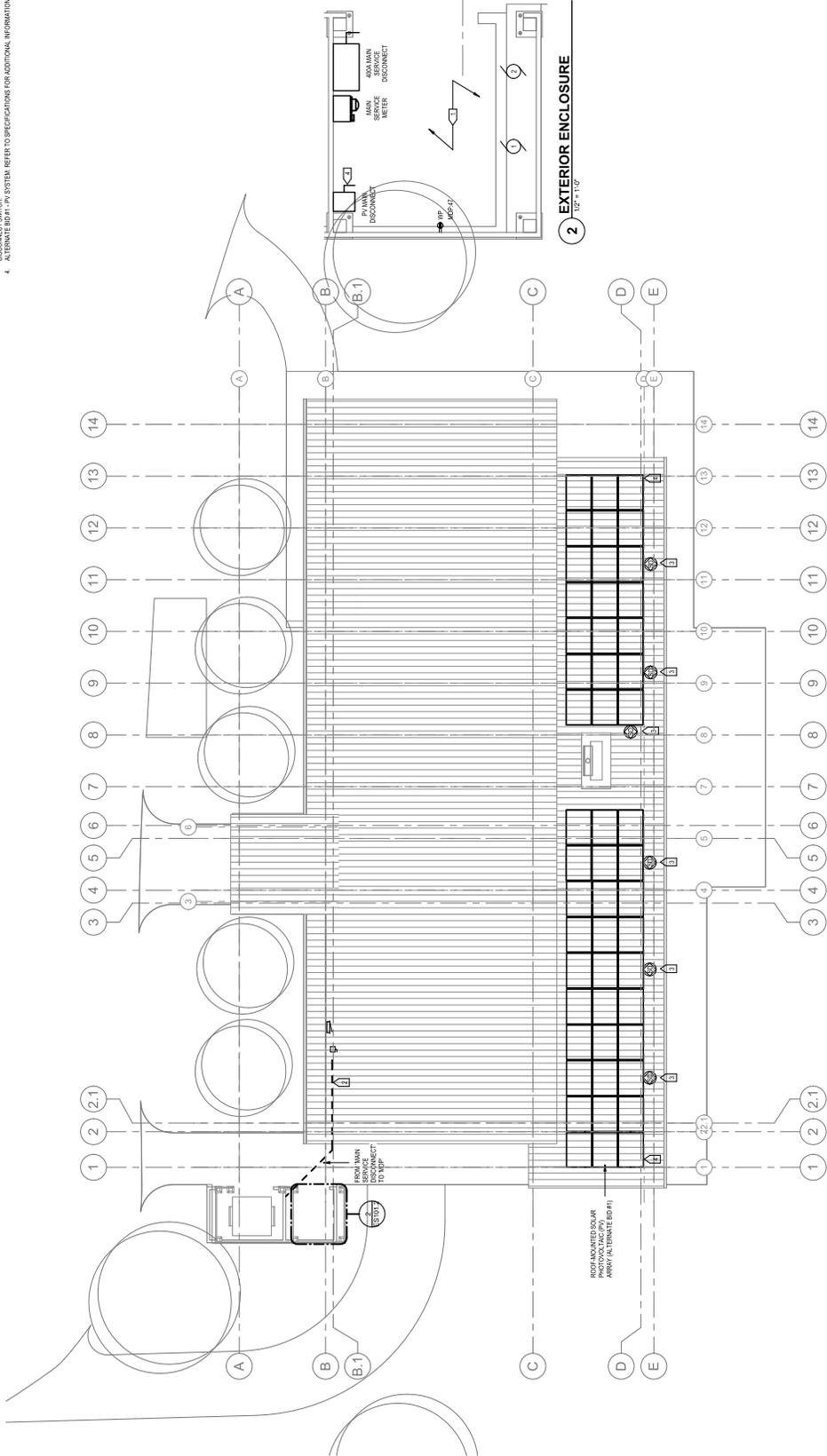
MADISON, WI 53703

OVERALL SITE PLAN - ELECTRICAL

CONSTRUCTION DOCUMENTS MSN-20-01  
Project Number: 1000064  
Date: 05/10/2023

ES101.1

- GENERAL NOTES:**
- UNDERGROUND ELECTRICAL LINES SHALL MAINTAIN ADEQUATE SEPARATION FROM OTHER UNDERGROUND UTILITIES. FIELD COORDINATE UNDERGROUND ELECTRICAL LINES WITH OTHER SUBCONTRACTORS.
  - ALTERNATE BID #1 - PV SYSTEM REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- REFERENCE NOTES:**
- RESPONDERS FOR THIS ENCLOSURE SHALL BE ACCESSIBLE FOR UTILITY COMPANY AND FIRST RESPONDER.
  - ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL ORDINANCES.
  - DETAILED WORK SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR. REFER TO NATIONAL ELECTRICAL CODE ARTICLE 690.7 FIELD COORDINATE FINAL LOCATION OF PV PANELS TO THE ELECTRICAL CONTRACTOR.
  - ALTERNATE BID #1 - PV SYSTEM REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.



**1 ENLARGED SITE PLAN - ELECTRICAL**  
 1/8" = 1'-0"

No.	Description	Date

CITY OF MADISON

DOOR CREEK PARK SHELTER

MADISON, WI 53703

ENLARGED SITE PLAN - ELECTRICAL

**GENERAL NOTES:**

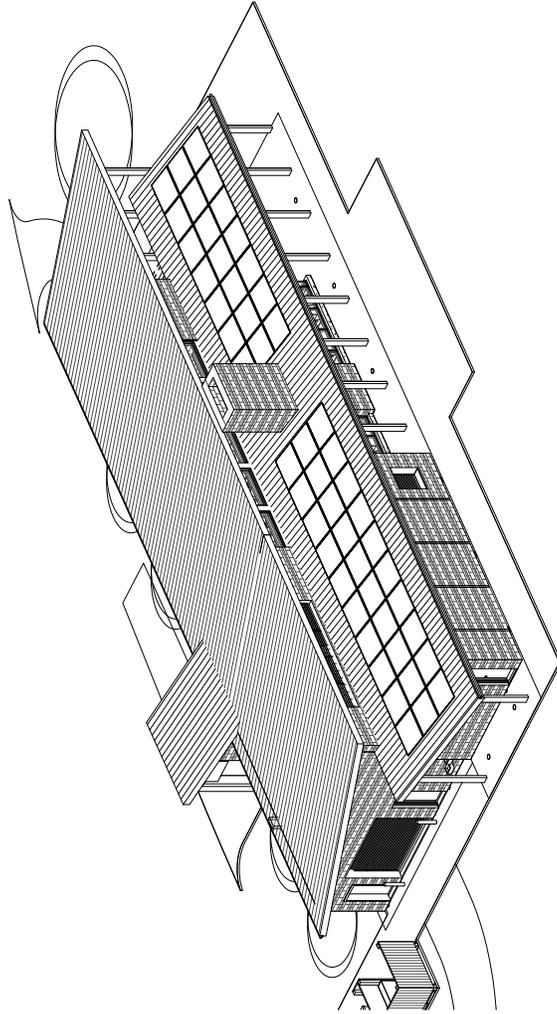
1. SHEET SHOWN FOR POTENTIAL SOLAR PHOTOVOLTAIC (PV) ARRAY REFERENCE ONLY.
2. ALTERNATE BUILT-UP SYSTEM REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.



118 Kiss St, Suite 202  
Madison, WI 53703  
(608) 264-7464  
AroEberle.com



Project: madison 1000 N High Point Rd Middleton, WI 53562  
P: 608.440.9584 W: www.tailoredeng.com



① 3D SITE PLAN - SOLAR

No.	Description	Date

CITY OF MADISON

DOOR CREEK PARK  
SHELTER

MADISON, WI 53703

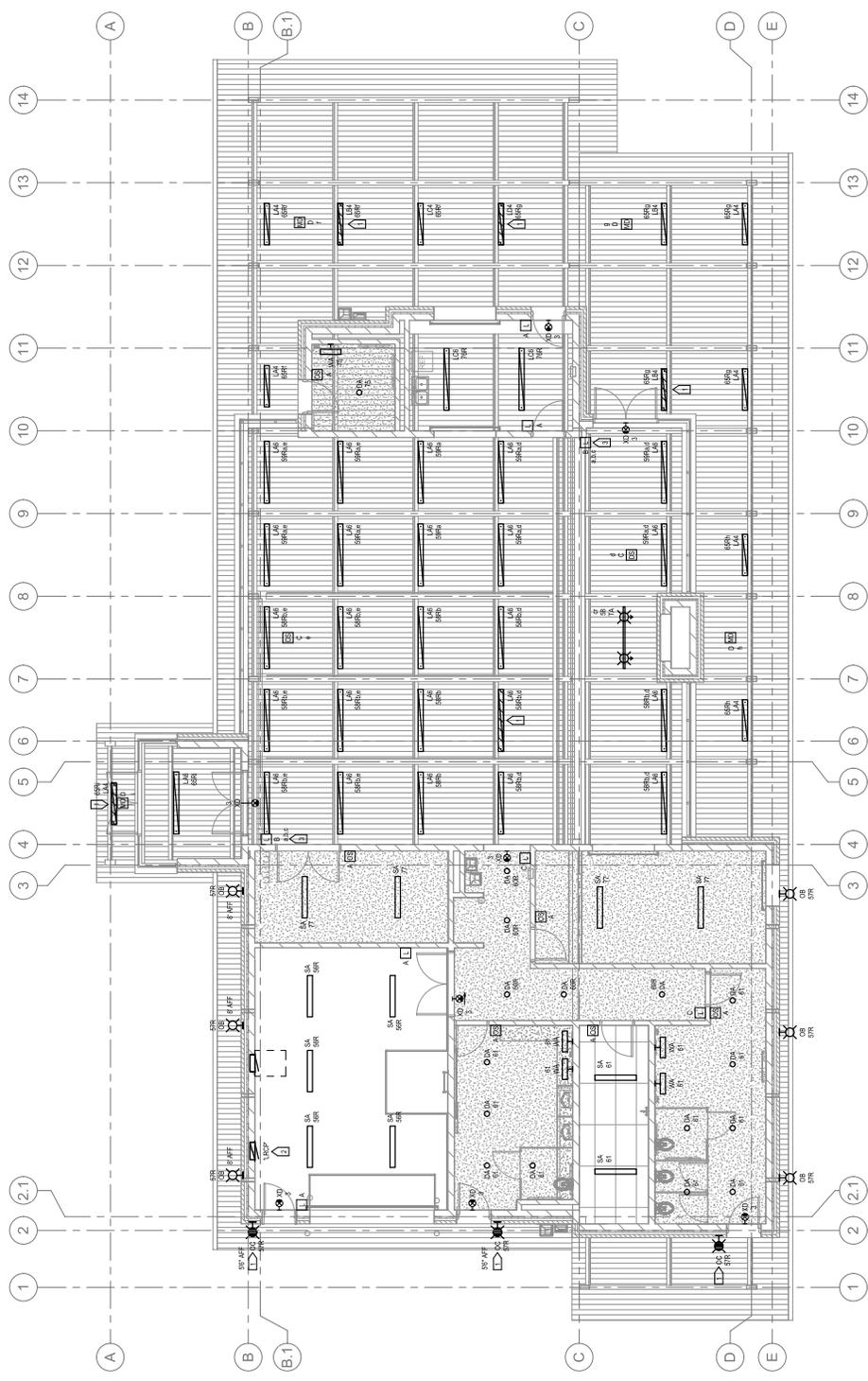
3D SITE PLAN -  
SOLAR

CONSTRUCTION DOCUMENTS MSN-20-01  
Project Number: 05/10/2023  
Date

ES101.3

- GENERAL NOTES:**
- COORDINATE ALL DEVICE LOCATIONS WITH ARCHITECTURAL ELEVATIONS.
  - CONDUCTOR TRAYS SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REQUIREMENTS. CONDUIT TO BE TYPED TO THE TYPE OF LOADS AND VOLTAGE. CONDUIT IN WALLS SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REQUIREMENTS.
  - CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REQUIREMENTS. CONDUIT IN WALLS SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REQUIREMENTS.
  - ALL LINEAR LIGHT FIXTURES SHALL BE SURFACE MOUNTED TO EXPOSED WOOD STRUCTURE. CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REQUIREMENTS. CONDUIT IN WALLS SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REQUIREMENTS.
  - CONTRACTOR SHALL COORDINATE MOUNTING HEIGHTS OF ALL LIGHT FIXTURES WITH ARCHITECTURE. COORDINATE MOUNTING HEIGHTS OF ALL LIGHT FIXTURES WITH ARCHITECTURE TO GENERAL CONTRACTOR.
  - CONTRACTOR SHALL CONFIRM ALL CONDUIT LOCATIONS WITH ARCHITECT TO GENERAL CONTRACTOR.
  - INSULATION CORE WOOD BECK AT EACH FIXTURE ADJACENT TO POINT OF CONNECTION. CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REQUIREMENTS. CONDUIT IN WALLS SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REQUIREMENTS.

- REFERENCE NOTES:**
- FIXTURES SHALL HAVE BATTERY BACKUP FOR EMERGENCY EGRESS LIGHTING.
  - CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REQUIREMENTS. CONDUIT IN WALLS SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REQUIREMENTS.



**1 FIRST FLOOR PLAN - LIGHTING**  
 SHEET 20-01

No.	Description	Date

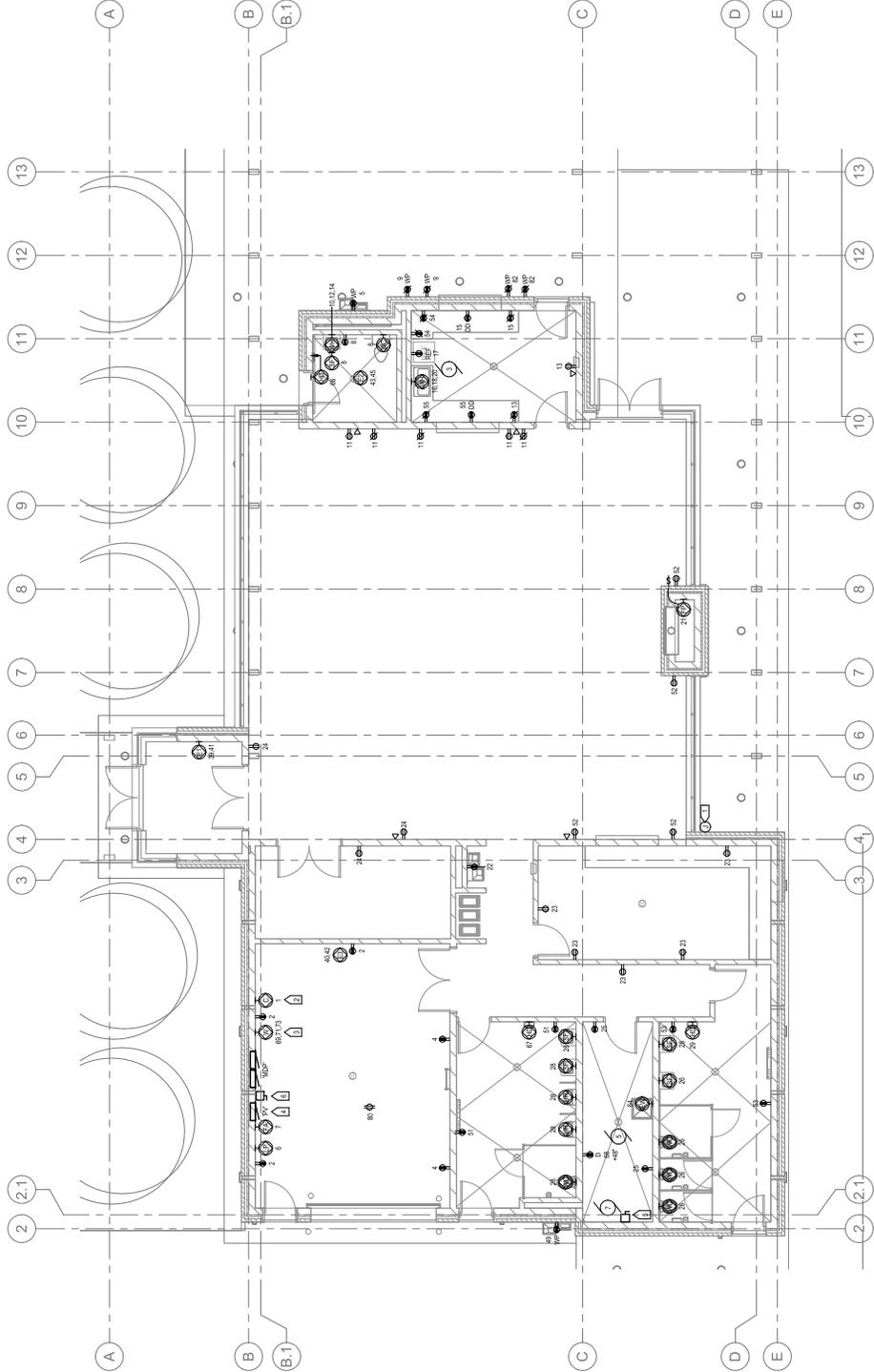
**CITY OF MADISON**  
**DOOR CREEK PARK SHELTER**  
 MADISON, WI 53703  
**FIRST FLOOR PLAN - LIGHTING**

CONSTRUCTION DOCUMENTS  
 Project Number: MSN-20-01  
 Date: 05/10/2023

**EL101**

- GENERAL NOTES:**
- COORDINATE ALL DEVICE LOCATIONS WITH ARCHITECTURAL ELEVATIONS.
  - CONDUIT SHALL BE INSTALLED IN WALLS OR UNDER FLOOR SLABS. CONCEALABLE TOPS IF RECEPTACLE AND/OR DATA OUTLET IS LOCATED IN WALL OR UNDER FLOOR SLAB.
  - CIRCUIT NUMBERS ARE FOR LOADING INFORMATION ONLY. CIRCUIT TO NEXT AVAILABLE OUTLET OR DEVICE SHALL BE IDENTIFIED.
  - CIRCUIT ALL NORMAL BRANCH CIRCUITS TO PANEL, MDP, MALLS OTHERWISE NOTED.
  - RECEPTACLES SHALL BE LOCATED AS TO NOT EXCEED 12' CENTER TO CENTER.
  - RECEPTACLES SHALL CONFORM ALL CONDUIT LOCATIONS WITH ARCHITECT TO CONICAL BACKWARDS.
  - LOW VOLTAGE LOCATIONS ARE INDICATED IN ALL DATA ROOMS SHALL BE SINGLE GANG.
  - ALL CONDUIT AND BOXES SHALL BE COORDINATED WITH MASONRY CONSTRUCTION ROUTE AND OWNER. NO CONDUIT OR BOXES SHALL BE SURFACE MOUNTED UNLESS APPROVED BY ARCHITECT.
  - INSULATION, CONDUIT AND BOXES AT EACH POINTING ADJACENT TO POINT OF CONNECTION SHALL BE MAINTAINED TO MATCH EXISTING ADJACENT TO POINT OF CONNECTION.
  - FOR BONDING POINTS TO BE DISCUSSED WITH ARCHITECT.

- REFERENCE NOTES:**
1. 8" X 8" X 4" WEATHERPROOF ELECTRICAL JUNCTION BOX SHALL BE INSTALLED AT 18" FROM THE CENTERLINE OF THE DOOR.
  2. FINAL LOCATION OF COMPRESSOR PIPING SHALL BE COORDINATED WITH ARCHITECT AND OWNER.
  3. LOCATION OF WELDING MACHINE PIPING SHALL BE COORDINATED WITH ARCHITECT AND OWNER.
  4. DISCONNECT FOR PIPING SYSTEM AS REQUIRED BY THE NATIONAL ELECTRICAL CODE ARTICLE 690.
  5. DISCONNECT FOR PIPING SYSTEM AS REQUIRED BY THE NATIONAL ELECTRICAL CODE ARTICLE 690.
  6. DISCONNECT FOR PIPING SYSTEM AS REQUIRED BY THE NATIONAL ELECTRICAL CODE ARTICLE 690.



**1 FIRST FLOOR PLAN - POWER & TECHNOLOGY**

3/11/21

No.	Description	Date

**CITY OF MADISON**  
**DOOR CREEK PARK SHELTER**  
 MADISON, WI 53703  
**FIRST FLOOR PLAN - POWER & TECHNOLOGY**

CONSTRUCTION DOCUMENTS MSN-20-01  
 Project Number 05/10/2023  
 Date

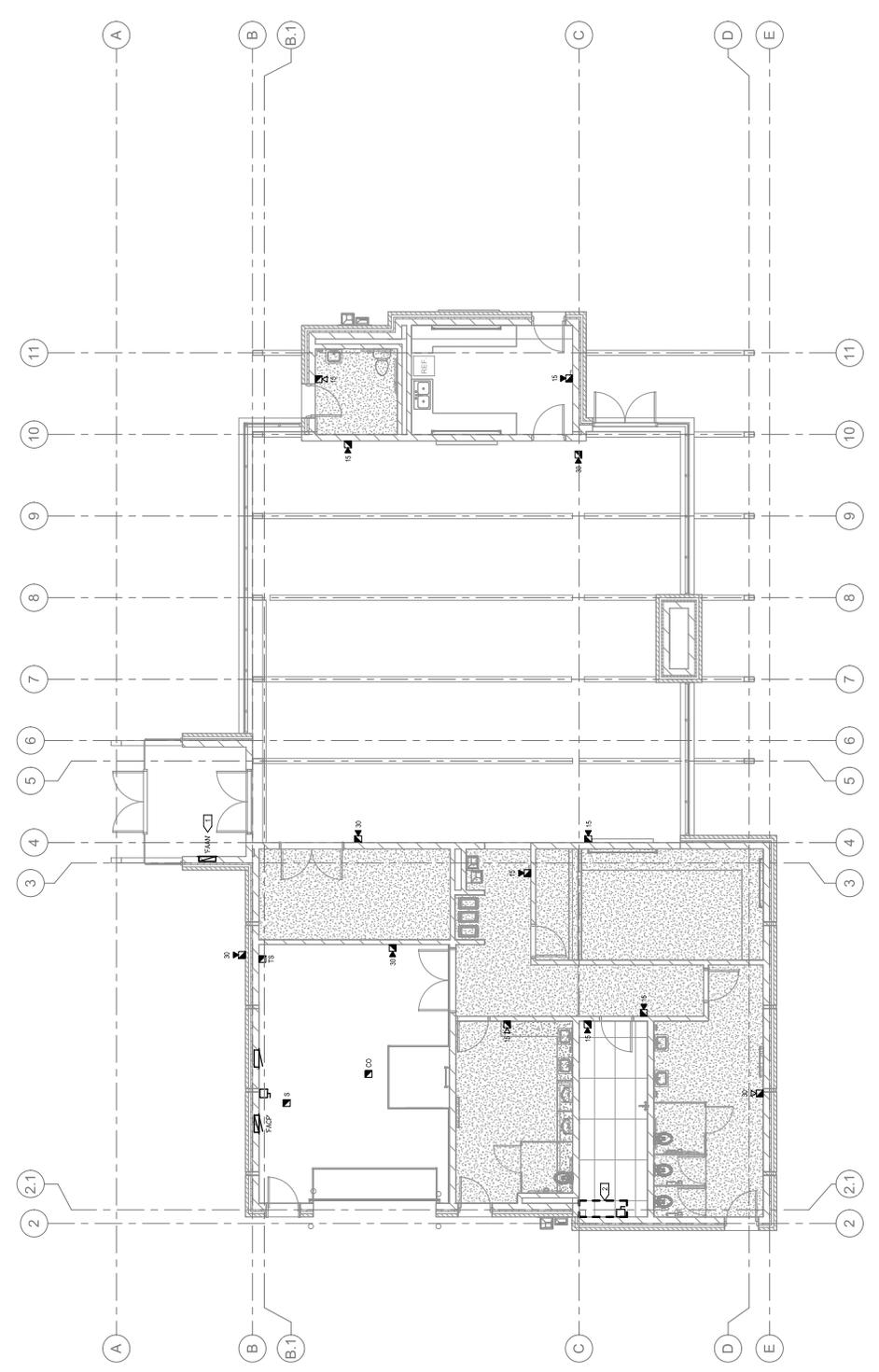
**EPT101**

**GENERAL NOTES:**

- COORDINATE ALL DEVICE LOCATIONS WITH ARCHITECTURAL ELEVATIONS.
- ALL DEVICES SHALL BE INSTALLED IN THE SAME MANNER AS SHOWN UNLESS OTHERWISE NOTED.
- REFER TO DETAIL RETWP FOR FIRE ALARM RISER AND JRM DETAIL.

**REFERENCE NOTES:**

- COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND LOCAL FIRE DEPARTMENT REQUIREMENTS.
- ALL FIRE ALARMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND LOCAL FIRE DEPARTMENT REQUIREMENTS.
- ALL FIRE ALARMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND LOCAL FIRE DEPARTMENT REQUIREMENTS.
- ALL FIRE ALARMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND LOCAL FIRE DEPARTMENT REQUIREMENTS.
- ALL FIRE ALARMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND LOCAL FIRE DEPARTMENT REQUIREMENTS.
- ALL FIRE ALARMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND LOCAL FIRE DEPARTMENT REQUIREMENTS.
- ALL FIRE ALARMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND LOCAL FIRE DEPARTMENT REQUIREMENTS.
- ALL FIRE ALARMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND LOCAL FIRE DEPARTMENT REQUIREMENTS.
- ALL FIRE ALARMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND LOCAL FIRE DEPARTMENT REQUIREMENTS.
- ALL FIRE ALARMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND LOCAL FIRE DEPARTMENT REQUIREMENTS.



1 FIRST FLOOR PLAN - SYSTEMS  
3/11/2018

No.	Description	Date

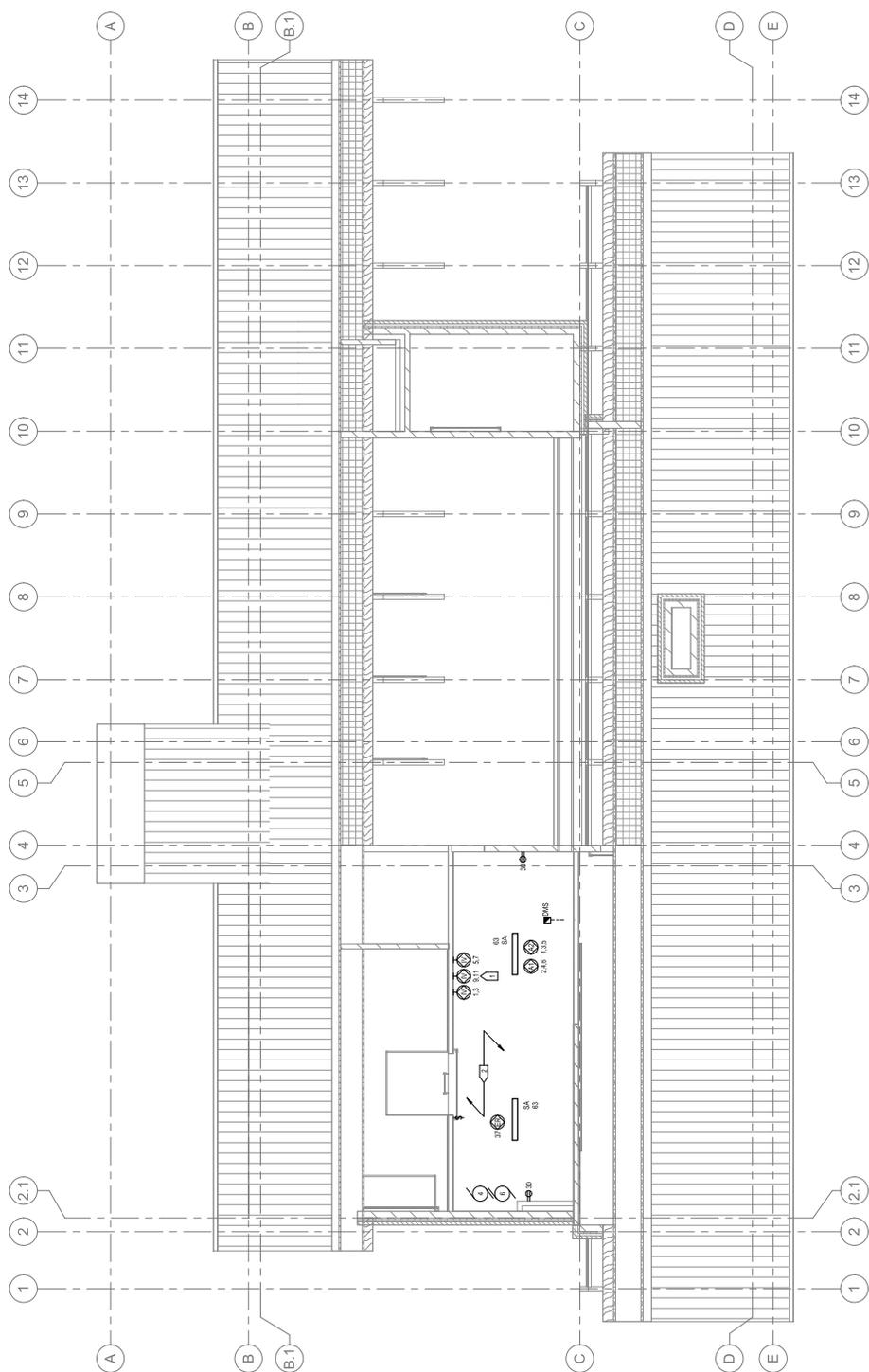
**CITY OF MADISON**

**DOOR CREEK PARK SHELTER**

MADISON, WI 53703

**FIRST FLOOR PLAN - SYSTEMS**

- GENERAL NOTES:**
- COORDINATE ALL DEVICE LOCATIONS WITH ARCHITECTURAL ELEVATIONS.
  - SMOKE DETECTOR PANELS TO BE INSTALLED TO PANEL W/P, UNLESS OTHERWISE NOTED. CIRCUIT TO TEST PANELS CIRCUIT IN PANEL.
  - FIELD COORDINATE FINAL LOCATION OF DUCT MOUNTED SMOKE DETECTORS WITH MECHANICAL CONTRACTOR.
- REFERENCE NOTES:**
- (B) INVESTIGATOR CONFIRM FINAL LOCATION WITH ARCHITECT.
  - SMOKE DETECTOR PANELS TO BE INSTALLED TO PANEL W/P, UNLESS OTHERWISE NOTED. CIRCUIT TO TEST PANELS CIRCUIT IN PANEL.
  - LAYOUT AND COORDINATE WITH ARCHITECT.
  - ROUTE CONDUIT ABOVE EXPOSED WOOD DECK AND WOOD PARADES WITHIN THE 10' OF ROOF EAVES. CONCEAL CONDUIT IN CHASES AND UNDER FLOORING. CONCEAL CONDUIT IN CHASES AND UNDER FLOORING. CONCEAL CONDUIT IN CHASES AND UNDER FLOORING. CONCEAL CONDUIT IN CHASES AND UNDER FLOORING.
  - PANEL ROWS AND EXPOSED CONDUIT TO MATCH EXPOSED STEEL COLOR. DO NOT RUN CONDUIT FOR EXPOSED LENGTHS ON EXPOSED HOODS/DECK.



**1 MECHANICAL MEZZANINE - ELECTRICAL**

DATE: 11.12

No.	Description	Date

**CITY OF MADISON**

**DOOR CREEK PARK SHELTER**

MADISON, WI 53703

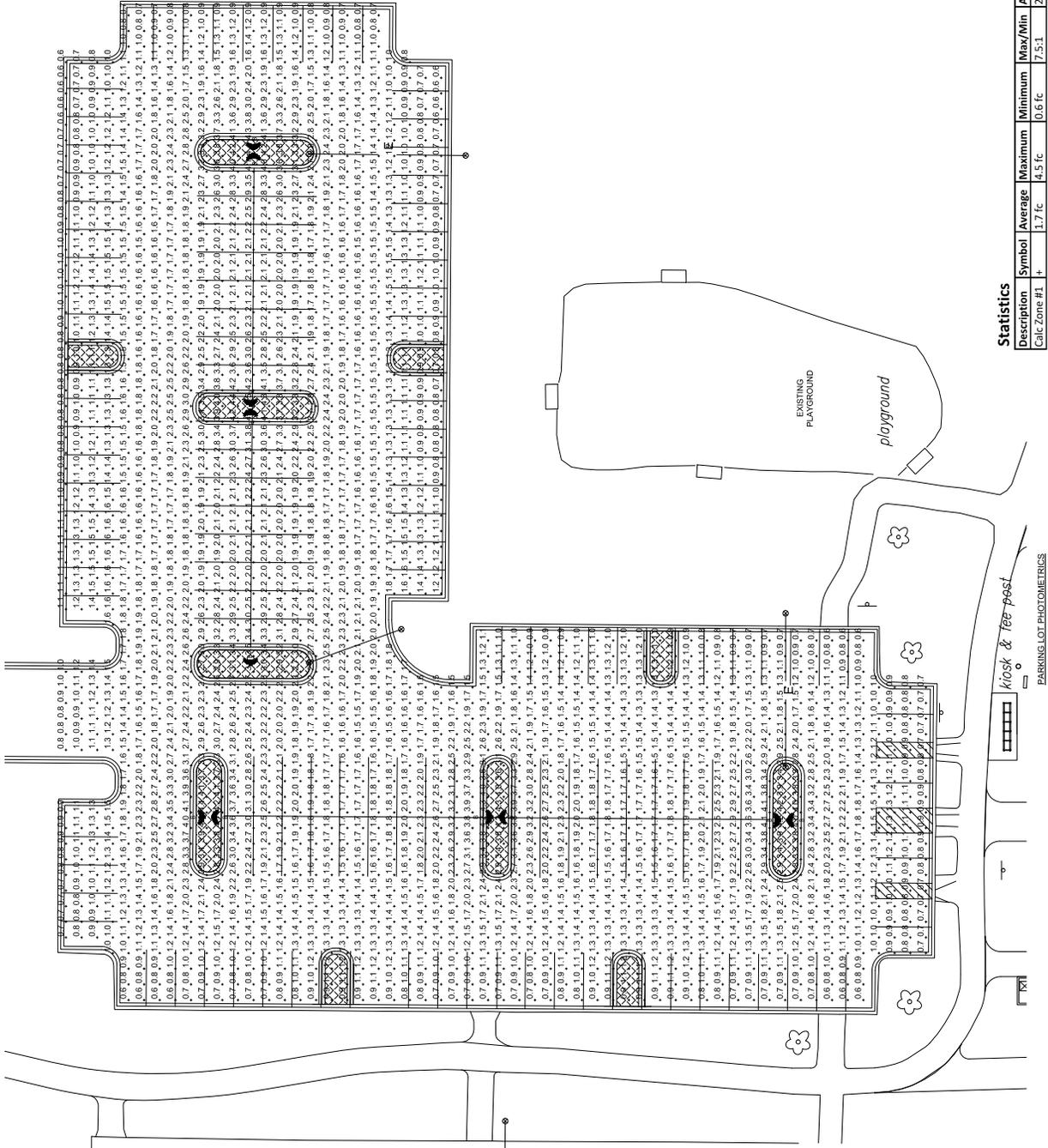
**MECHANICAL MEZZANINE - ELECTRICAL**

CONSTRUCTION DOCUMENTS  
Project number: MSN-20-01  
Date: 05/10/2023









Label	Catalog Number	Description	Lamp	File	Lamp Lumens	Minimum	Average	Maximum	Max/Min	Avg/Min	Lumen Multiplier	LF	Watts
B	RSX2 LED P1 40K R3	RSX Area Fixture Size 2 P1 Lumen Package-4000K CCT Type R3 Distributor			10991.35	0.6 fc	1.7 fc	4.5 fc	7.5:1	2.8:1		1	72.06

Statistics	Description	Symbol	Average	Maximum	Minimum	Max/Min	Avg/Min
Calc: Zone #1			1.7 fc	4.5 fc	0.6 fc	7.5:1	2.8:1

Label	Catalog Number	Description	Lamp	File	Lamp Lumens	Minimum	Average	Maximum	Max/Min	Avg/Min	Lumen Multiplier	LF	Watts
B	RSX2 LED P1 40K R3	RSX Area Fixture Size 2 P1 Lumen Package-4000K CCT Type R3 Distributor			10991.35	0.6 fc	1.7 fc	4.5 fc	7.5:1	2.8:1		1	72.06

CONSTRUCTION DOCUMENTS		MSN-20-01
Project Number	651010263	
Date	05/10/2023	

# E602

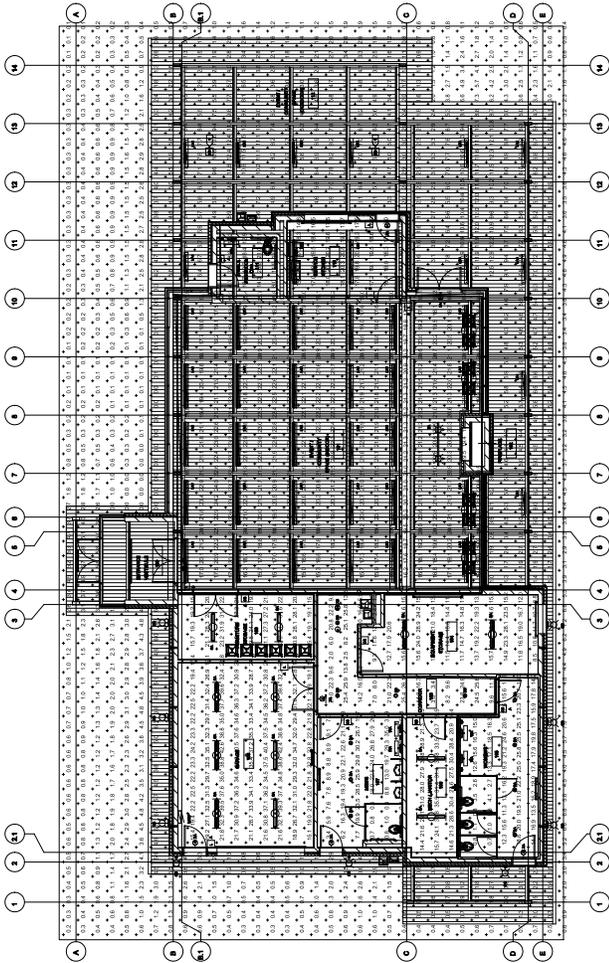
NO.	Description	Date

## CITY OF MADISON

### DOOR CREEK PARK SHELTER

MADISON, WI 53703

## PARKING LOT PHOTOMETRICS



Plan View  
8/27/2018

Symbol	Label	Quantity	Manufacturer	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage
—	LA6	25	AXIS LIGHTING INC	AXIS LIGHTING INC	ED2S-400-80-35-UB-6	Edge 2 SURFACE	1	1600	0.85	17
—	LB6	5	AXIS LIGHTING INC	AXIS LIGHTING INC	ED2S-400-80-35-UB-6	Edge 2 SURFACE	1	1600	0.85	17
—	LC6	2	Axis Lighting Inc	Axis Lighting Inc	ED2SD-1000-80-35-UB-6	6ft Edge 2, 1000 lumens, 35K lens	1	3969	0.85	30.39
○	DA	8	Lithonia Lighting	Lithonia Lighting	LDN4 3507 LOAR.LD	4IN LDN, 3500K, 750LM, CLEAR, MATTE DIFFUSE REFLECTOR, 80CRI	1	663	0.8	8.6
○	DB	4	Lithonia Lighting	Lithonia Lighting	LDN4 3510 LOAR.LD	4IN LDN, 3500K, 1000LM, CLEAR, MATTE DIFFUSE REFLECTOR, 80CRI	1	922	0.8	10.58
—	SA	11	Lithonia Lighting	Lithonia Lighting	BLWP4 40LHE ADSMT LP940	BLWP 4ft 4000 Nominal Lumens, Curved Shallow lens with trim rings, 4000K CCT, 90CRI	1	3680	0.8	32.92
—	LA4	7	COOPER LIGHTING SOLUTIONS - IO LED (FORMERLY EATON)	COOPER LIGHTING SOLUTIONS - IO LED (FORMERLY EATON)	0.05-12W-435-66-STD-UNV-AN-3FO	IO LIGHTING SERIES 2.0 LINEAR LED LUMINAIRE, 60 DEGREE OPTIC, VERY HIGH OUTPUT	1	1588	0.8	29.3
—	LB4	3	COOPER LIGHTING SOLUTIONS - IO LED (FORMERLY EATON)	COOPER LIGHTING SOLUTIONS - IO LED (FORMERLY EATON)	0.05-12W-435-36-STD-UNV-AN-3FO	IO LIGHTING SERIES 2.0 LINEAR LED LUMINAIRE, 30 DEGREE OPTIC, VERY HIGH OUTPUT	1	1908	0.8	29.3
—	LC4	1	COOPER LIGHTING SOLUTIONS - IO LED (FORMERLY EATON)	COOPER LIGHTING SOLUTIONS - IO LED (FORMERLY EATON)	0.05-12W-435-66-STD-UNV-AN-3FO	IO LIGHTING SERIES 2.0 LINEAR LED LUMINAIRE, 60 DEGREE OPTIC, V2 HIGH OUTPUT	1	1620	0.8	35.5
—	LD4	1	COOPER LIGHTING SOLUTIONS - IO LED (FORMERLY EATON)	COOPER LIGHTING SOLUTIONS - IO LED (FORMERLY EATON)	0.05-12W-435-36-STD-UNV-AN-3FO	IO LIGHTING SERIES 2.0 LINEAR LED LUMINAIRE, 30 DEGREE OPTIC, V2 HIGH OUTPUT	1	2187	0.8	35.2
—	WA	5	EATON - SHAPER (FORMERLY COOPER LIGHTING)	EATON - SHAPER (FORMERLY COOPER LIGHTING)	605-25-L3835	25" 605 SERIES LUMINOUS WALL SCONCE	56	37	0.8	21.1
—	F2	6	Brownlee Lighting Inc	Brownlee Lighting Inc	7075-12-H16-35K	White enamel aluminum housing, frosted plastic lens enclose ure	1	1462	0.8	17.9504
○	F3	3	ASL Lighting	ASL Lighting	CTL LED 1-Light Wall Sconce	CTL	1	741	0.8	13.692

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
CORRIDOR	+	14.1 fc	26.1 fc	1.2 fc	21.8:1	11.8:1
EQUIPMENT STORAGE	+	17.0 fc	29.5 fc	8.5 fc	3.5:1	2.0:1
FURNITURE STORAGE	+	23.2 fc	31.9 fc	15.4 fc	2.1:1	1.5:1
GARAGE	+	29.8 fc	42.6 fc	15.1 fc	2.8:1	2.0:1
INDOOR EVENT SPACE	+	20.0 fc	24.2 fc	11.5 fc	2.1:1	1.7:1
KITCHEN	+	17.8 fc	20.9 fc	14.3 fc	1.5:1	1.2:1
MECH / JANITOR	+	25.7 fc	35.9 fc	14.4 fc	2.5:1	1.8:1
MEN'S RR	+	16.8 fc	55.3 fc	0.6 fc	92.2:1	28.0:1
WOMEN'S RR	+	14.9 fc	25.8 fc	0.7 fc	36.9:1	21.3:1
Family RR	+	12.6 fc	21.0 fc	4.7 fc	4.5:1	2.7:1
OUTDOOR	+	3.3 fc	12.9 fc	0.0 fc	N/A	N/A

No.	Description	Date

CITY OF MADISON

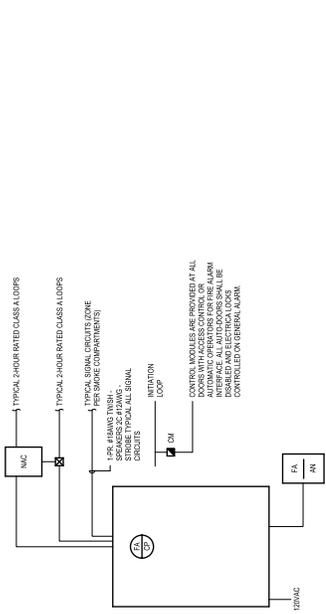
DOOR CREEK PARK  
SHELTER

MADISON, WI 53703

FIRST FLOOR PLAN -  
PHOTOMETRICS

CONSTRUCTION DOCUMENTS MSN-20-01  
Project Number  
Date 05/10/2023

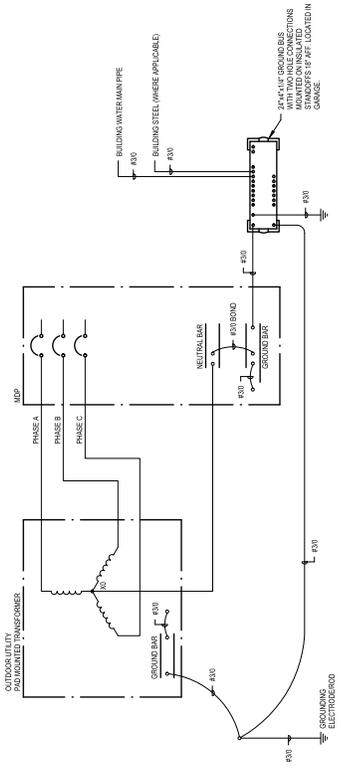
E603



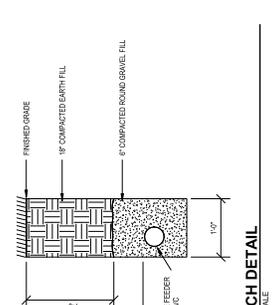
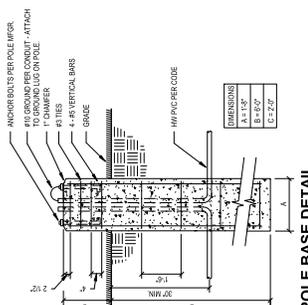
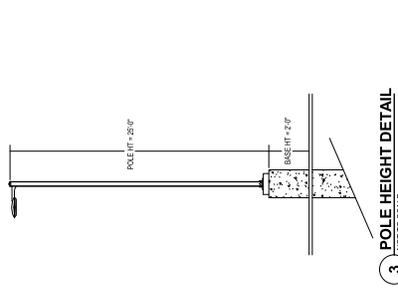
1 FIRE ALARM RISER DIAGRAM  
NOT TO SCALE

No.	Description	Date

**CITY OF MADISON**  
**DOOR CREEK PARK SHELTER**  
MADISON, WI 53703  
**ELECTRICAL DETAILS**



2 BUILDING ELECTRICAL SERVICE GROUNDING SYSTEM DETAIL  
NOT TO SCALE



SYM	DESCRIPTION
AFR	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
ANB	ACID NEUTRALIZATION BASIN
APB	BACKFLOW PREVENTER
BP	BALL VALVE
BT	BATHTUB
BV	BUTTERFLY VALVE
CB	CALIBRATED BALANCE VALVE INLINE FLOW SIGHT INDICATOR & CHECK VALVE
CE	CAP EXISTING PIPE
CV	CHECK VALVE
CP	CIRCULATING PUMP
CO	CLEANOUT
COVCO	CLEANOUT OR WALL CLEANOUT (AS NOTED)
CLVTR	CLEARWATER VENT THRU ROOF
WCL	COMBINATION WATER CLOSET LAVATORY
DD	DECK DRAIN
DI	DETAIL AND ISOMETRIC REFERENCE
DN	DOWN
DSN	DOWNSPOUT NOZZLE
DBT	DRAINBACK TANK
DTR	DRAIN TILE RECEIVER
DF	DRINKING FOUNTAIN
EWC	ELECTRIC WATER COOLER
EWS	EMERGENCY EYE WASH
EWSW	EMERGENCY EYE WASH SHOWER
EQ	EQUIPMENT / FIXTURE DEMOLITION
EX	EXISTING
ET	EXPANSION TANK
FEE	FINISHED FLOOR ELEVATION
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
FFD	FLUSHING FLOOR DRAIN
FBC	FOOD SERVICE EQUIPMENT CONTRACTOR (DIVISION 11)
HS	HAND SINK
HBWH	HOSE BIB OR WALL HYDRANT (AS NOTED)
HD	HUB DRAIN
HPT	HYDRO PNEUMATIC TANK
IW	INDIRECT WASTE

NOTE: ALL SYMBOLS MAY NOT BE USED FOR THIS PROJECT

SYM	DESCRIPTION
IE	INVERT ELEVATION OF SEWER OR DRAIN
LT	LAUNDRY TRAY
LAV	LAVATORY
LI	LINT INTERCEPTOR
MB	MOP BASIN
NV	NATURAL GAS SHUT-OFF VALVE
NE	NEW PIPE CONNECTION TO EXISTING
PC	PLUMBING (DIVISION 22) CONTRACTOR
PRV	PRESSURE REDUCING VALVE
RV	RELIEF VENT
RS	RISING STEM GATE VALVE
RDOD	ROOF DRAIN / OVERFLOW DRAIN
SE	SEWAGE EJECTOR
SH	SHOWER
S	SINK
SV	STACK VENT
ST	STORAGE TANK
COND	STORM / CLEARWATER CONDUCTOR
SP	SUMP PUMP
TMW	TEMPERATURE MIXING VALVE
TT	TEMPERING TANK
TD	TRENCH DRAIN
TY	TYPICAL
UR	URINAL
VS	VENT STACK
VTR	VENT THRU ROOF
AVC	WASHING MACHINE WALL BOX
WS	WASTE STACK
WC	WATER CLOSET
WHA	WATER HAMMER ARRESTOR
EWV	WATER HEATER ELECTRIC
GWV	WATER HEATER GAS
HWX	WATER HEATER STEAM
WS	WATER MAIN VALVE AND BOX
WS	WATER SOFTENER

### PLUMBING NOTES

- ALL ITEMS SHALL BE NEW UNLESS OTHERWISE NOTED.
- THE WORD "PROVIDE" SHALL MEAN FURNISH AND INSTALL UNLESS NOTED OTHERWISE.
- SAW OUT EXISTING FLOOR AND WALL CONSTRUCTION AS REQUIRED IN ORDER TO INSTALL PIPE AND VENT PIPING IN CH ALL WORK TO MATCH EXISTING CONSTRUCTION.
- PROVIDE AIR GAPS FOR INDIRECT DRAINS AS REQUIRED BY CODE. AIR GAP SHALL BE TWO (2) TIMES THE DIAMETER OF THE INDIRECT DRAIN.
- COORDINATE ROUTING OF ALL PIPING SYSTEMS TO AVOID DUCTWORK, ELECTRICAL CONDUIT, BEAMS AND OTHER STRUCTURAL MEMBERS.
- PROVIDE GROUING/CALKING WHERE FIXTURES MEET WALLS, FLOORS, ETC. PENETRATIONS THROUGH FIRE RATED WALLS/FLOORS.
- PLUMBING CONTRACTORS TO VERIFY ALL EXISTING WASTE, VENT, WATER SUPPLY PIPING WHERE CONNECTIONS ARE TO BE MADE PRIOR TO BIDDING. VERIFY EXACT SIZE, LOCATION, INVERT, CONDITION AND REQUIREMENTS IN FIELD. REPORT ANY MAJOR DISCREPANCIES TO OWNER IMMEDIATELY.

SYM	DESCRIPTION
NEW	NEW
EXISTING	EXISTING
DEM	DEMOLITION PIPE
DT	DRAINTILE
D	DRAIN PIPING
D	FOR NON DESIGNATED BELOW SLAB PIPING
GW	GREASE WASTE
HW	HOT WATER
HWR	HOT WATER RETURN
G	NATURAL GAS
NP	NON-POTABLE WATER
NP	PUMP DISCHARGE EFFLUENT / SANITARY
PD	PUMP DISCHARGE STORM / CLEARWATER
PD	PUMP DISCHARGE STORM / CLEARWATER
STM	STORM DRAIN ABOVE FLOOR
V	VENT PIPE ABOVE FLOOR
W	WASTE / SANITARY DRAIN ABOVE FLOOR

NOTE: ALL PIPE TYPES MAY NOT BE USED FOR THIS PROJECT

EXISTING	NEW
140"	140"
140"	140"
CLV	CLV
CLW	CLW
CSW	CSW
A	A
DT	DT
D	D
GW	GW
HW	HW
HWR	HWR
G	G
NP	NP
NP	NP
PD	PD
PD	PD
STM	STM
V	V
W	W

### PLUMBING PIPE TYPES SCHEDULE

### PLUMBING PROJECT NOTES

THE GENERAL CONDITIONS AND SUPPLEMENTAL GENERAL CONDITIONS ISSUED BY THE OWNER SHALL GOVERN WHERE APPLICABLE.

THIS CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH THE PLANS AND SHALL VERIFY EXISTING SITE CONDITIONS AT THE JOB SITE BEFORE SUBMITTING BID. FAILURE TO RECOGNIZE WORK REQUIRED SHALL BE AT THE EXPENSE OF THIS CONTRACTOR. NO CONSIDERATION SHALL BE GIVEN FOR ADDITIONAL COMPENSATION AFTER LETTING OF BID.

CONTRACTOR TO MAKE ALL NECESSARY TAPS, AS CALLED FOR ON THE DRAWINGS.

THIS CONTRACTOR SHALL REMOVE ALL DEBRIS ON A REGULAR BASIS AND UPON COMPLETION OF THE JOB AND CLEAN ALL COVER ALL HOT AND COLD LINES. PIPING COVERING SHALL BE 3/4" IN DENSITY FIBERGLASS WITH INSULATED FITTINGS AND BUTT JOINTS AND WAPOR BARRIER. THERM PIPING INSULATION SHALL BE INSTALLED PER SITE SPEC CHAS.

IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO START UP, ADJUST AND CHECK FOR PROPER OPERATION ALL EQUIPMENT INSTALLED UNDER HIS CONTRACT.

THIS CONTRACTOR SHALL ALLOW IN HIS INITIAL BID THE COST OF SERVICE ON ALL EQUIPMENT INSTALLED UNDER HIS CONTRACT FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK.

ALL WATER PIPING SHALL BE TESTED WITH WATER UNDER PRESSURE OF 100 PSI FOR 10 MINUTES, AND MADE TIGHT AT THIS PRESSURE.

ALL SOIL WASTE AND VENT PIPING SHALL BE SUBJECT TO A HYDROSTATIC TEST OF NOT LESS THAN 10 FEET OF WATER COLUMN FOR 15 MINUTES BEFORE INSPECTION STARTS AND PROVEN TEST.

BEFORE TURNING PLUMBING SYSTEM OVER TO THE OWNER, CHLORINATE ALL DOMESTIC WATER PIPING FOR A PERIOD OF 24 HOURS. AFTER CHLORINATION HAS BEEN COMPLETED, FLUSH ALL PIPING UNTIL WATER RUNS CLEAR AND IS RESIDUAL CHLORINE FREE.

ALL BELOW GROUND WASTE & VENT PIPING SHALL BE SCHEDULE 40 PVC. THE MINIMUM DIAMETER FOR UNDERGROUND WASTE PIPING IS FOUR (4) INCHES. THE MINIMUM DIAMETER FOR ALL UNDERGROUND VENT PIPING IS TWO (2) INCHES. ALL ABOVE GROUND WASTE AND VENT PIPING SHALL BE SCHEDULE 40 PVC IN PLENUM CEILING SHALL UTILIZE PLENUM WRAP MEETING THE 2850 REQUIREMENTS.

THE PLUMBING SYSTEM SHALL BE INSTALLED IN CONFORMANCE WITH THE STATE OF WISCONSIN ADMINISTRATIVE CODE, CHAPTER RPS-381 THRU RPS-385.

No.	Description	Date

CITY OF MADISON

DOOR CREEK PARK  
SHELTER

MADISON, WI 53703

PLUMBING COVER  
SHEET

CONSTRUCTION DOCUMENTS  
Project Number: MSN-20-01  
Date: 05/10/2023

P000



### SHEET INDEX - PLUMBING

- P000 PLUMBING COVER SHEET
- P100 PLUMBING SCHEDULES
- P100 PLUMBING UNDER FLOOR PLAN - DWV
- P101 PLUMBING FIRST FLOOR PLAN - DWV
- P102 PLUMBING ROOF PLAN - DWV
- P110 PLUMBING UNDER FLOOR PLAN - WATER
- P111 PLUMBING FIRST FLOOR PLAN - WATER
- P200 PLUMBING DETAILS

**WATER CALCULATION WORKSHEET FOR: Door Creek Park Shelter, Madison, WI**

**INFORMATION REQUIRED TO CALCULATE WATER SERVICE SIZE**

- Determine the building in gallons per minute. WSPU's = **63.3** (GPM) **55**
- Determine the building in gallons per minute. WSPU's = **63.3** (GPM) **55**
- Size of water meter (When applicable)  1/2"  3/4"  1"  1 1/4"  1 1/2"  2"  2 1/2"  3"  4"  6" (feet) **55**
- Developed length from main or external pressure tank to building control valve. (feet) **50**
- Low pressure at main in street or external pressure tank. (psi) **50**

**CALCULATE WATER SERVICE PRESSURE LOSS**

- Low pressure at main in street or external pressure tank. (value of #5 above) **55**
- Water service diameter is **3/4"**. Material is **CPVC**.  
Pressure loss per 100 ft = **8.3** psi X **50** feet = **415.0** psi  
(Subtracted line 7, From line 6.) **53.42**
- Determine pressure gain or loss due to elevation (multiply the value of #2 above by 2.31)  
Available pressure after the bldg. control valve. (Subtract or add line 8. Enter in "B") **53.98**
- Available pressure after the bldg. control valve. (Subtract or add line 8. Enter in "B") **53.98**

**CALCULATE THE PRESSURE AVAILABLE FOR UNIFORM LOSS (VALUE OF "A")**

- Available pressure after the bldg. control valve. (from "B" above) **53.98**
- Pressure loss of water meter (when meter is required) **4.00**
- Pressure loss of water meter (when meter is required) **4.00**
- Pressure at controlling fixture. **20.00**
- Value of "D" **20.00**
- Difference in elevation between the building control valve and the controlling fixture in feet. (Subtract the value of D.) **1.09**
- Value of "E" **1.09**
- Pressure loss due to water treatment devices, instantaneous connecting fixture. **24.44**
- Value of "F" **10.00**
- Pressure loss due to **instantaneous water heater**. (Subtract the value of F.) **14.44**
- Developed length from building control valve to controlling fixture in feet. **99** X **1.5** **133.00**
- Value of "G" **133.00**
- Divide by the value of G.) **0.11**
- Multiply by **50** **5.50**
- Pressure available for uniform loss **10.00**

**PLUMBING FIXTURE SCHEDULE**

TAG	QUANTITY	DESCRIPTION	TYPE	FIXTURE TYPE	PACKAGE	MATERIAL	REMARKS	FIXTURE CONNECTION				FIXTURE MAINS					
								TRAP	DIRECT	WASTE	VENT	VENT	WATER	WATER	WATER	WATER	
WC-1	2	WATER CLOSET (FLOOR MOUNT)	WATER CLOSET	1"	3"	1"	3"	1"	3"	1"	3"	1"	3"				
WC-2	2	WATER URINAL (FLOOR MOUNT)	WATER URINAL	1"	3"	1"	3"	1"	3"	1"	3"	1"	3"				
WC-3	1	WATER URINAL (FLOOR MOUNT)	WATER URINAL	1"	3"	1"	3"	1"	3"	1"	3"	1"	3"				
LN-1	5	LABATORY	LABORATORY	LABORATORY	LABORATORY	LABORATORY	LABORATORY	1 1/2"	3"	1 1/2"	3"	1 1/2"	3"	1 1/2"	3"	1 1/2"	3"
UR-1	2	URINAL	URINAL	URINAL	URINAL	URINAL	URINAL	1"	3"	1"	3"	1"	3"	1"	3"	1"	3"
EW-1	1	WATER URINAL (FLOOR MOUNT)	WATER URINAL	1"	3"	1"	3"	1"	3"	1"	3"	1"	3"				
OP-1	2	OPERATOR	OPERATOR	OPERATOR	OPERATOR	OPERATOR	OPERATOR	1"	3"	1"	3"	1"	3"	1"	3"	1"	3"
WB-1	1	WATER URINAL (FLOOR MOUNT)	WATER URINAL	1"	3"	1"	3"	1"	3"	1"	3"	1"	3"				
KB-1	1	WATER URINAL (FLOOR MOUNT)	WATER URINAL	1"	3"	1"	3"	1"	3"	1"	3"	1"	3"				
WH-1	4	WATER URINAL (FLOOR MOUNT)	WATER URINAL	1"	3"	1"	3"	1"	3"	1"	3"	1"	3"				
FD-1	9	FLOOR DRAIN	FLOOR DRAIN	FLOOR DRAIN	FLOOR DRAIN	FLOOR DRAIN	FLOOR DRAIN	1"	3"	1"	3"	1"	3"	1"	3"	1"	3"
FD-2	1	FLOOR DRAIN	FLOOR DRAIN	FLOOR DRAIN	FLOOR DRAIN	FLOOR DRAIN	FLOOR DRAIN	1"	3"	1"	3"	1"	3"	1"	3"	1"	3"
RF-1	1	RECREATION TAMP	RECREATION TAMP	RECREATION TAMP	RECREATION TAMP	RECREATION TAMP	RECREATION TAMP	1"	3"	1"	3"	1"	3"	1"	3"	1"	3"

**ELECTRIC WATER HEATER SCHEDULE**

COMPONENT	LOCATION	MANUFACTURER	MODEL	UNIT TYPE	CAPACITY (GAL)	VOLTAGE	PHASE	RECOVERY CAPACITY (GAL/HOUR)			REMARKS						
								RECOVERY	RECOVERY	RECOVERY	RECOVERY	RECOVERY	RECOVERY	RECOVERY			
WH-1	MECHANICAL ROOM	HELLERMAN	H15140	ELECTRIC	150	120	1	1	1	1	1	1	1	1	1	1	1

**WATER SOFTENER SCHEDULE**

MARK	LOCATION	MANUFACTURER	MODEL	SERVICE (GAL)	VOLTAGE	PHASE	REMARKS
WS-1	MECHANICAL ROOM	HELLERMAN	H15140	150	120	1	RESIN TANK SIZE - 150 GAL. BRINE TANK SIZE - 150 GAL. REQUIRED FOR ALL TYPES OF WATER.

**EXPANSION TANK SCHEDULE**

MARK	LOCATION	MANUFACTURER	MODEL	SIZE (GAL)	TYPE	HEIGHT	REMARKS
ET-1	MECHANICAL ROOM	HELLERMAN	H15140	150	120	1	RESIN TANK SIZE - 150 GAL. BRINE TANK SIZE - 150 GAL. REQUIRED FOR ALL TYPES OF WATER.

**CITY OF MADISON**

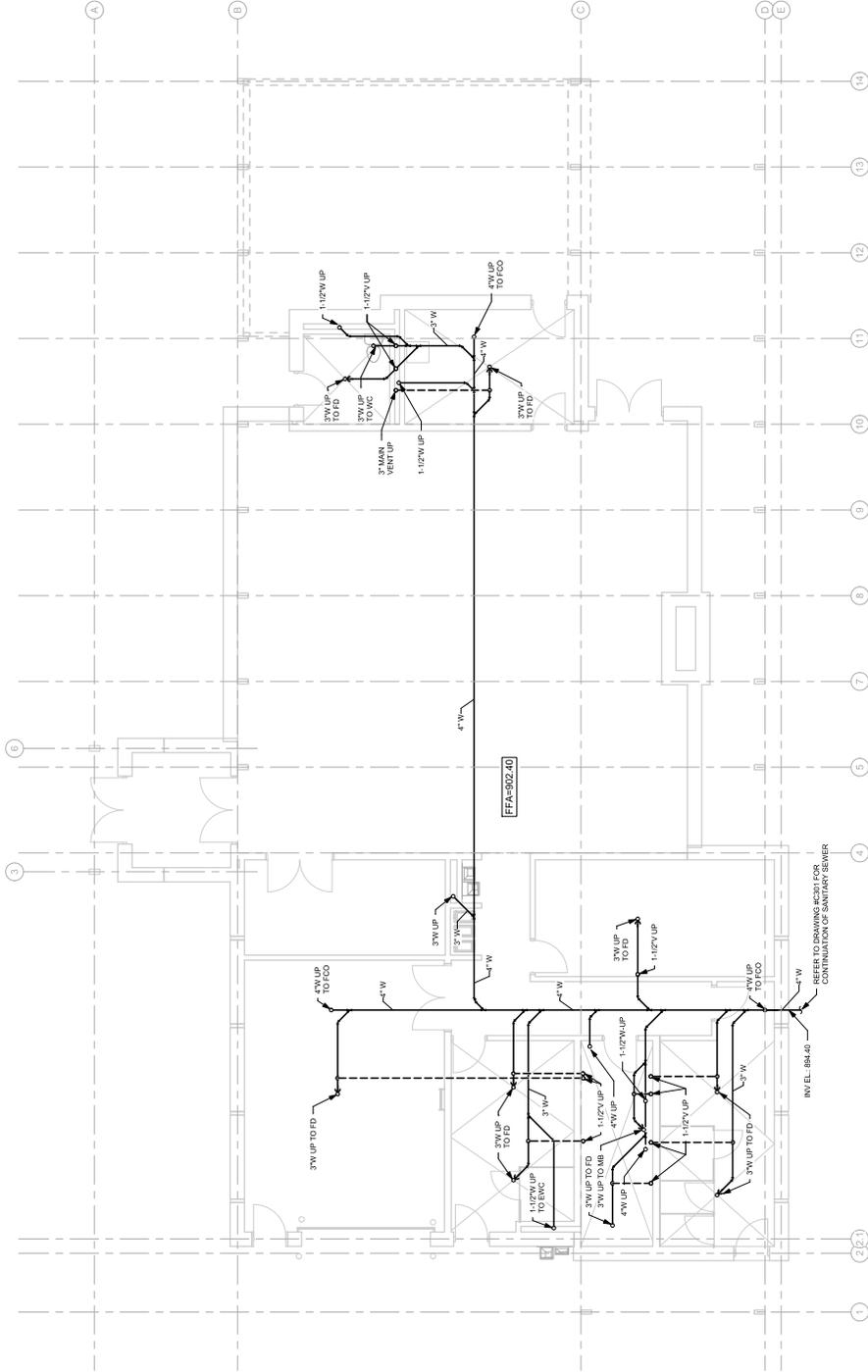
**DOOR CREEK PARK SHELTER**

MADISON, WI 53703  
**PLUMBING SCHEDULES**

CONSTRUCTION DOCUMENTS MSN-20-01  
Project Number: 05/10/2023  
Date:

**P001**

No.	Description	Date



No.	Description	Date

**1 UNDERFLOOR PLUMBING PLAN - DWV**



REFER TO DRAWING ARCHIT FOR CONTINUATION OF SANITARY CENTER

INVEL. 884.40

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

3\"/>

3\"/>

4\"/>

1-1/2\"/>

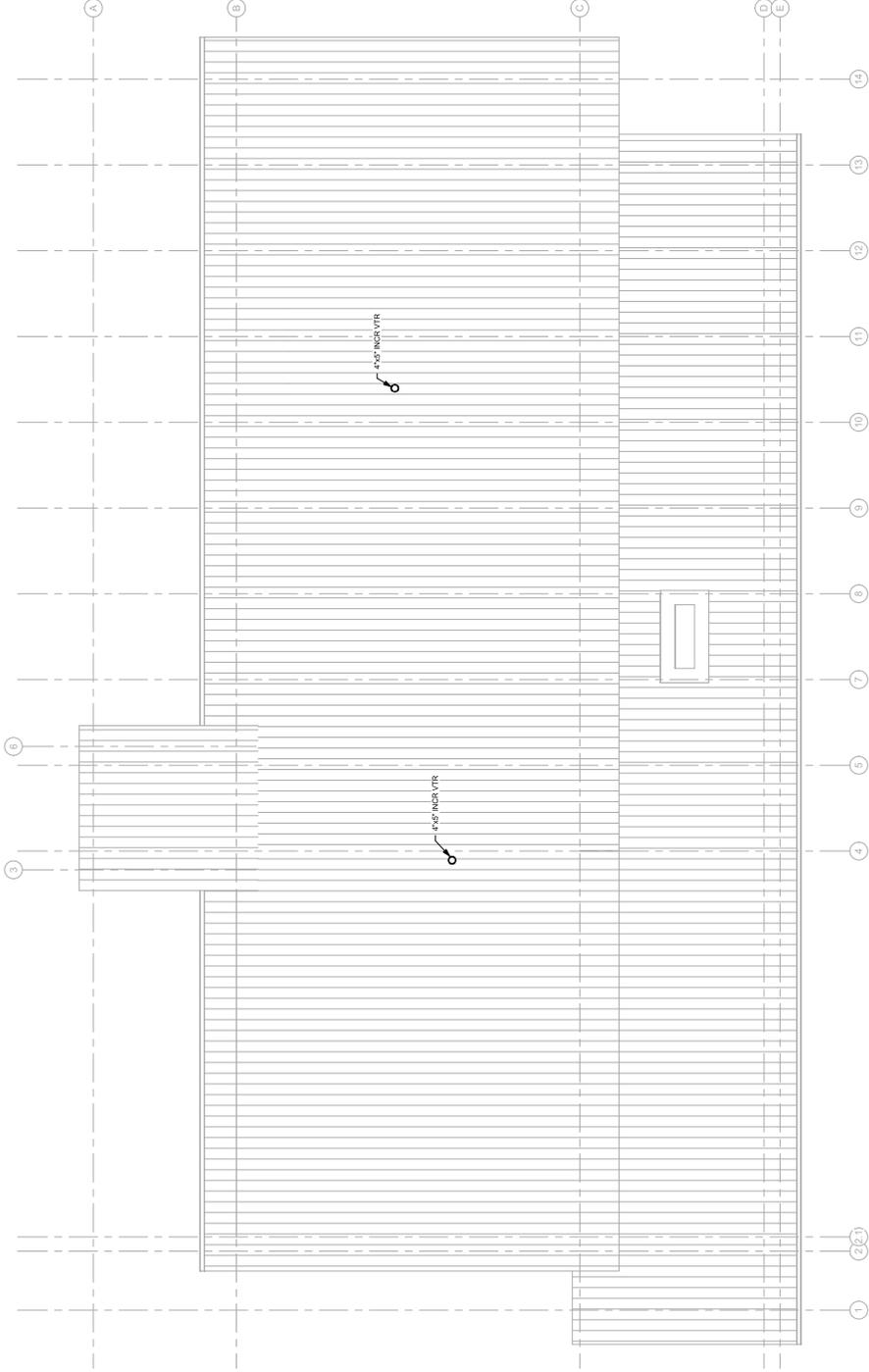
3\"/>

3\"/>

4\"/>

1-1/2\"/>





NOTE:  
ROOF STORM DRAINAGE IS A GUTTER, DOWNSPOUT SYSTEM. REFER TO ARCHITECTURAL AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.

MSN 1 PLUMBING ROOF PLAN - DWV  
SHEET 01 OF 02

No.	Description	Date

CITY OF MADISON

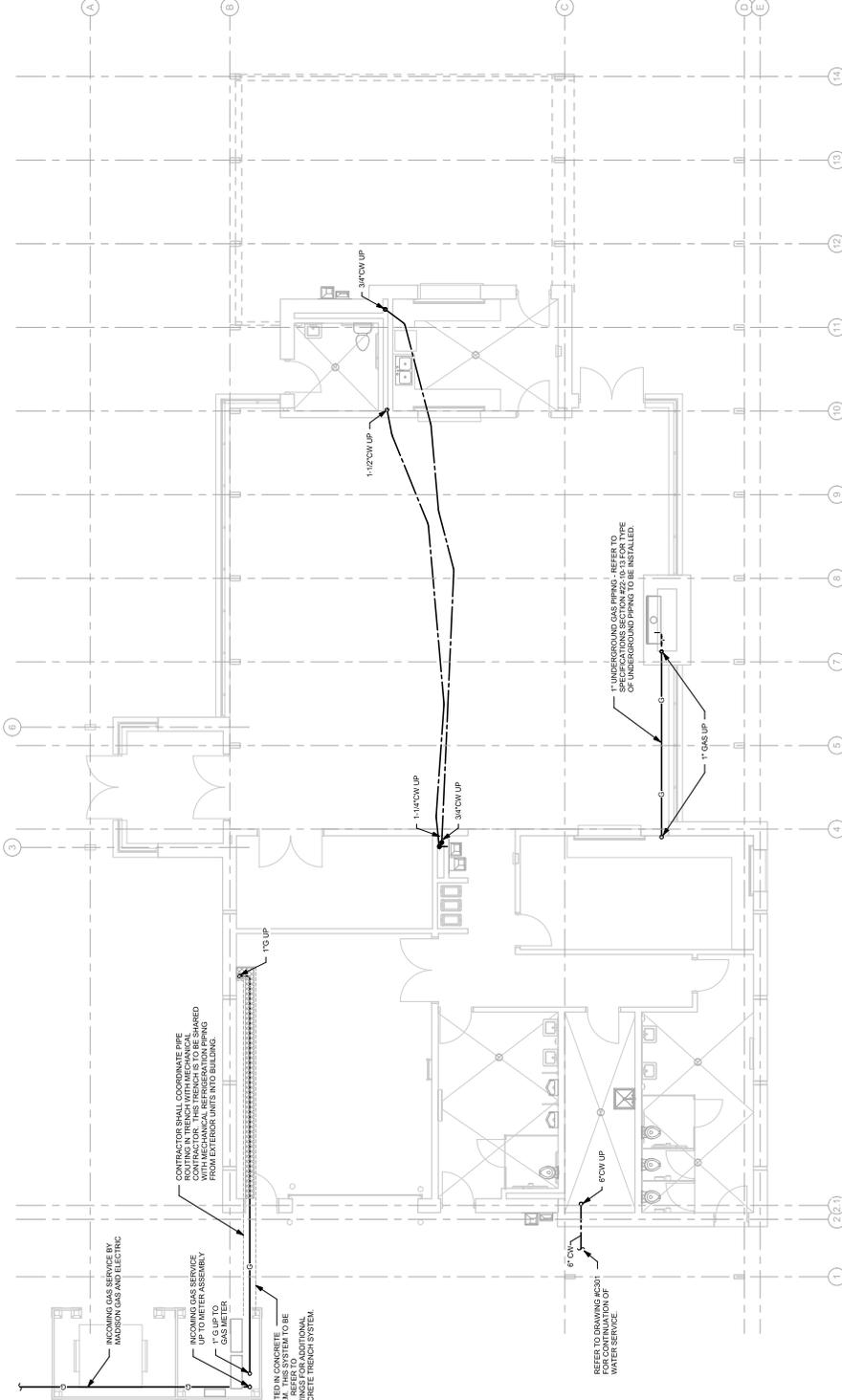
DOOR CREEK PARK  
SHELTER

MADISON, WI 53703

PLUMBING ROOF  
PLAN - DWV

CONSTRUCTION DOCUMENTS  
Project Number: MSN-20-01  
Date: 05/10/2023

P102



1 PLUMBING UNDERFLOOR PLAN - WATER

No.	Description	Date

CITY OF MADISON

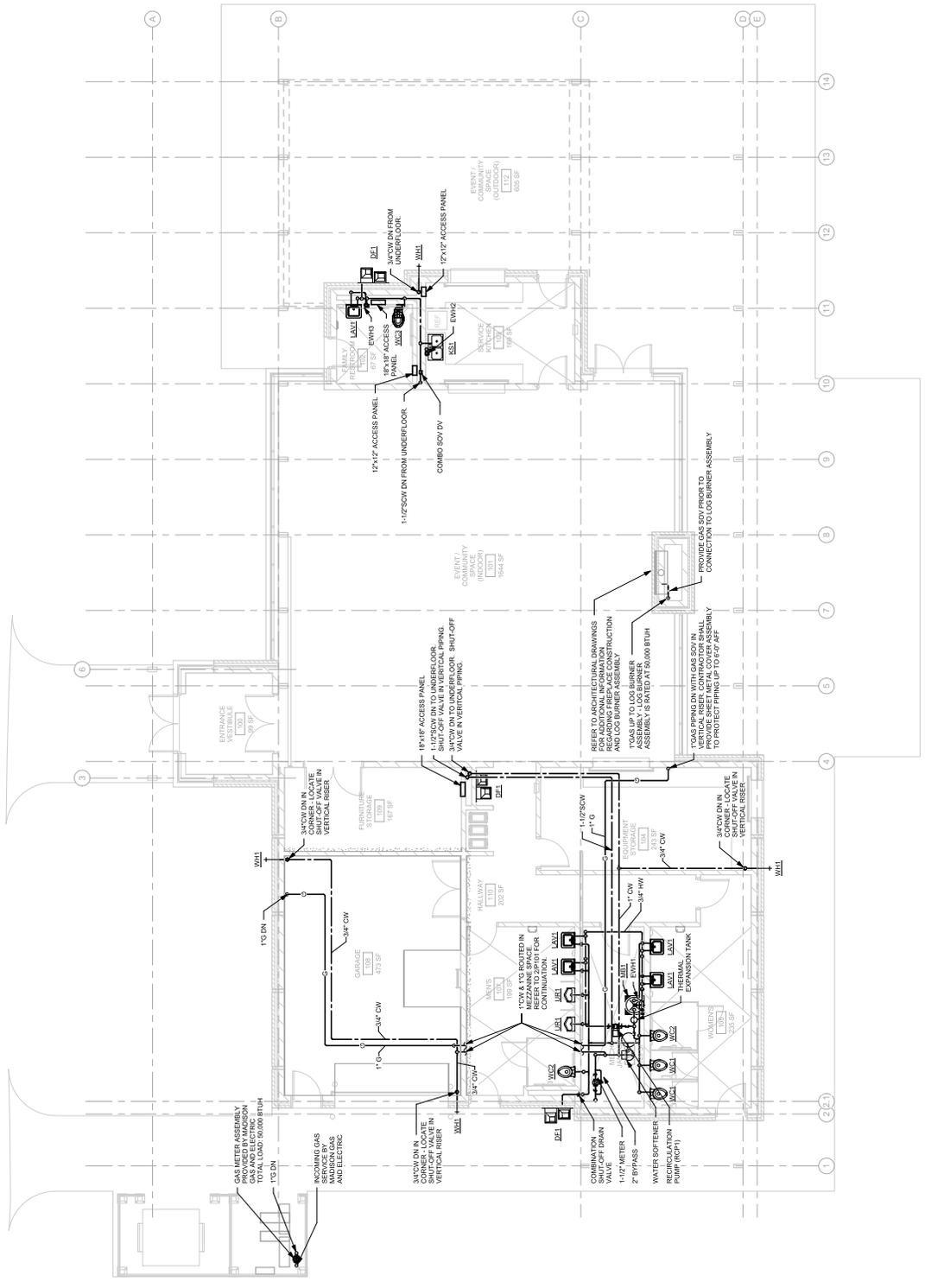
DOOR CREEK PARK SHELTER

MADISON, WI 53703

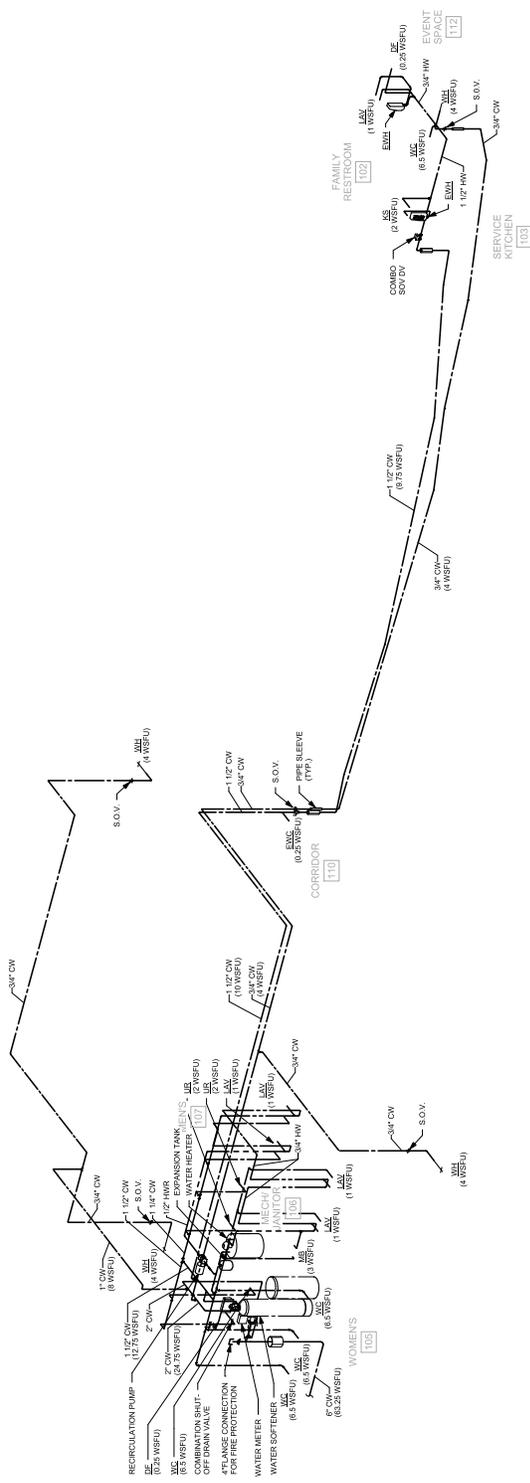
PLUMBING UNDERFLOOR PLAN - WATER

CONSTRUCTION DOCUMENTS MSN-20-01  
 Project Number 05/10/2023  
 Date

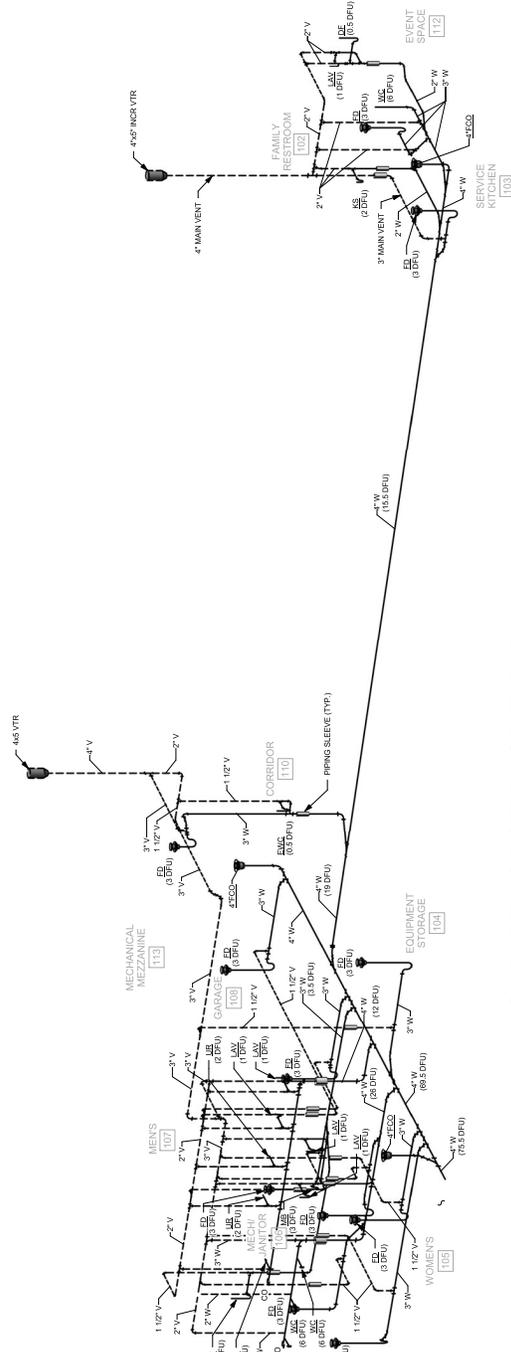
No.	Description	Date



**PLUMBING FIRST FLOOR PLAN - WATER**



**1 PLUMBING RISER DIAGRAM - DOMESTIC WATER**  
 SCALE: NONE



**2 PLUMBING RISER DIAGRAM - DWV**  
 SCALE: NONE

No.	Description	Date

**CITY OF MADISON**  
**DOOR CREEK PARK SHELTER**  
 MADISON, WI 53703  
**PLUMBING RISER DIAGRAMS**

CONSTRUCTION DOCUMENTS MSN-20-01  
 Project Number 05/10/2023  
 Date

**P200**



## FIRE PROTECTION SYMBOL SCHEDULE

SYMBOL	DESCRIPTION
	NEW FIRE MAIN (F)
	NEW SPRINKLER PIPE (SP)
	NEW DRY SPRINKLER PIPE (DP)
	NEW DRY PIPE VALVE
	EXTENDED COVERAGE HEAD
	EXISTING
	REMOVAL PIPE/EQUIPMENT
	PIPE CAP
	ZONE BOUNDARY
	ORDINARY HAZARD GROUP 1
	ORDINARY HAZARD GROUP 2
	EXTRA HAZARD GROUP 1
	EXTRA HAZARD GROUP 2
	DETAIL MARKER
	OSBY VALVE/WATPUMP SWITCH
	PENDENT SPRINKLER
	UPRIGHT SPRINKLER
	SIDEWALL SPRINKLER
	CONCEALED SPRINKLER
	INSTITUTIONAL PENDENT SPRINKLER
	INSTITUTIONAL SIDEWALL SPRINKLER
	DRY BARREL SIDEWALL SPRINKLER
	SPRINKLER BELLOWS
	DRY SPRINKLER - COOLERS/FREEZERS
	CLEAN AGENT DISCHARGE NOZZLE BELOW FLOOR
	CLEAN AGENT DISCHARGE NOZZLE CEILING
	FIRE DEPARTMENT CONNECTION
	FLOW SWITCH
	DOUBLE CHECK VALVE ASSEMBLY
	CHECK VALVE
	PRESSURE GAUGE
	MAIN DRAIN
	PIPE CONNECTION NEW TO EXISTING
	CAF EXISTING PIPE
	FIRE DEPARTMENT VALVE
	HEAT DETECTOR
	FIRE ALARM BELL
	DETECTOR
	CLEAN AGENT IONIZATION DETECTOR
	CLEAN AGENT PHOTO DETECTOR
	CLEAN AGENT STROBE
	CLEAN AGENT ABORT STATION
	CLEAN AGENT MANUAL PULL STATION
	CLEAN AGENT PRE-DISCHARGE HORN STROBE
	CLEAN AGENT FIRST ALARM BELL
	GATE VALVE
	LOCKED OPEN VALVE
	FIRE PUMP TEST CONNECTION
	ZONE VALVE
	PRESSURE REDUCING VALVE
	ELEVATION

NOTE: NOT ALL SYMBOLS APPLY TO THIS PROJECT

## FIRE DETECTION AND ALARM SCHEDULE - REFERENCE ONLY

TAG	QUANTITY	EQUIPMENT DESCRIPTION	LOCATION	EQUIP. VOLUME	TURN-IN (A)	INSTALL (B)	WIRED (C)	REMARKS
TS	2	TAMPER SWITCH	MECHANICAL/JANITOR 106	24	DIV. 21	DIV. 21	DIV. 28	BASE ON CONTROLS, VALVES WATER SERVICE ENTRANCE
TS	1	TAMPER SWITCH	MECHANICAL/JANITOR 106	24	DIV. 21	DIV. 21	DIV. 28	NET SYSTEM CONTROL VALVE
FS	1	FLOW SWITCH	MECHANICAL/JANITOR 106	24	DIV. 21	DIV. 21	DIV. 28	NET SYSTEM FLOW SWITCH
TS	1	TAMPER SWITCH	MECHANICAL/JANITOR 106	24	DIV. 21	DIV. 21	DIV. 28	DRY SYSTEM CONTROL VALVE
FS	1	PRESSURE SWITCH	MECHANICAL/JANITOR 106	24	DIV. 21	DIV. 21	DIV. 28	DRY SYSTEM PRESSURE SWITCH FOR DRY SYSTEM
TS	1	TAMPER SWITCH	MECHANICAL/JANITOR 106	24	DIV. 21	DIV. 21	DIV. 28	LOW AIR ALARM SWITCH
TS	1	TAMPER SWITCH	GARAGE 108	24	DIV. 21	DIV. 21	DIV. 28	CONTROL VALVE FOR FORWARD
HS	1	HORN & STROBE	EXTERIOR - OUTSIDE GARAGE 108	24	DIV. 21	DIV. 21	DIV. 28	FDC, HORN AND STROBE

## FIRE PROTECTION AREA CLASSIFICATION SCHEDULE

LOCATION	OCCUPANCY CLASSIFICATION	AREA (SQFT)	DENSITY (GPM/SQFT)
EVENT/COMMUNITY SPACE	LIGHT HAZARD	1500	0.10
BATH ROOMS	LIGHT HAZARD	1500	0.10
CORRIDORS	LIGHT HAZARD	1500	0.10
KITCHEN	ORDINARY HAZARD - GROUP 1	1500	0.15
MECHANICAL ROOMS	ORDINARY HAZARD - GROUP 1	1500	0.15
STORAGE ROOMS	ORDINARY HAZARD - GROUP 2	1500	0.20
GARAGE	ORDINARY HAZARD - GROUP 2	1500	0.20

### FIRE PROTECTION GENERAL NOTES

- VERIFY UTILITY INFORMATION WITH LOCAL UTILITY COMPANIES. VISIT THE BILLING LOCATIONS TO OBTAIN NECESSARY INFORMATION ON ALL EXISTING CONDITIONS AFFECTING THE WORK.
- VERIFY ALL MEASUREMENTS, PIPE SIZES, PIPE LOCATIONS, ELEVATIONS, ETC. AT ALL SITES. BASE FINAL DESIGN ON VERIFIED INFORMATION.
- VERIFY ALL MEASUREMENTS, PIPE SIZES, PIPE LOCATIONS, ELEVATIONS, ETC. FROM ADDITIONAL SETS TO THE OWNER IN ORDER TO CLEAR THE WORK OF THE OTHER TRADES. ADDITIONAL SETS OF DRAWINGS MAY HAVE TO BE MADE AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL INFORMATION FROM REPRESENTATIVE.
- REFER TO STRUCTURAL DRAWINGS FOR EXACT LOCATION OF ALL STRUCTURAL DIMENSIONS AND LAYOUT.
- VERIFY ALL MEASUREMENTS, PIPE SIZES, PIPE LOCATIONS, ELEVATIONS, ETC. FROM THE LATEST REVISIONS OF ALL CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL INFORMATION FROM REPRESENTATIVE.
- ALL SPRINKLER PIPING SHALL BE LOCATED WITHIN THE JOIST SPACE OR AS INDICATED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL INFORMATION FROM REPRESENTATIVE.
- PROVIDE DOUBLE CHECK DETECTOR ASSEMBLY WITH METER BY-PASS AT WATER SERVICE ENTRANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL INFORMATION FROM REPRESENTATIVE.
- PROVIDE HEAVY DUTY GUMBOOTS IN ALL MECHANICAL ROOMS, LOADING DOCKS, E.T.C.
- ALL SPRINKLERS IN ACCIDENTAL CEILING TILE SHALL BE LOCATED IN CENTER OF TILE HEADS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL INFORMATION FROM REPRESENTATIVE.
- REFER TO ARCHITECTURAL DRAWINGS FOR ROOM TEMPERATURES.
- REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RESISTIVE RATINGS FOR PARTITIONS AND RATED FLOOR AREAS.
- PIPE SIZES SHOWN ARE THE MINIMUM REQUIRED IF LARGER PIPES ARE REQUIRED.
- ALL OCCUPANCY SPACES ARE CLASSIFIED AS LIGHT HAZARD OCCUPANCY UNLESS IDENTIFIED OTHERWISE.

### FIRE PROTECTION SYSTEM DESCRIPTION

- FIRE PROTECTION CONTRACTOR SHALL DESIGN, PURCHASE AND INSTALL A NET AND DRY FIRE SUPPRESSION SYSTEM IN ACCORDANCE TO THE CONTRACT SCOPE DOCUMENTS, THE LATEST EDITIONS OF NFPA 13, AND THE LOCAL (A).
- THIS PROJECT IS A SINGLE PHASE PROJECT.
- VERIFY ALL MEASUREMENTS, PIPE SIZES, PIPE LOCATIONS, ELEVATIONS, ETC. FROM ADDITIONAL SETS TO THE OWNER IN ORDER TO CLEAR THE WORK OF THE OTHER TRADES. ADDITIONAL SETS OF DRAWINGS MAY HAVE TO BE MADE AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL INFORMATION FROM REPRESENTATIVE.
- SPECIAL ATTENTION SHOULD BE PROVIDED IN SPACES OF ARCHITECTURAL IMPORTANCE TO VERIFY ALL MEASUREMENTS, PIPE SIZES, PIPE LOCATIONS, ELEVATIONS, ETC. FROM ADDITIONAL SETS TO THE OWNER IN ORDER TO CLEAR THE WORK OF THE OTHER TRADES. ADDITIONAL SETS OF DRAWINGS MAY HAVE TO BE MADE AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL INFORMATION FROM REPRESENTATIVE.

### WATER FLOW AND PRESSURE DATA

PERFORMED BY: TAILORED ENGINEERING  
DATE: 03/03/2023  
MADISON WATER UTILITY  
99 PSI  
100 GPM PRESSURE  
100 PSI  
94.7 PSI  
BEFORE STARTING DESIGN. DIV. 21 TO VERIFY ALL TEST INFORMATION

### SHEET INDEX - FIRE PROTECTION

- F000 COVER SHEET - FIRE PROTECTION
- F100 DETAILS - FIRE PROTECTION
- F100 FLOOR PLANS - FIRE PROTECTION

No.	Description	Date

CITY OF MADISON

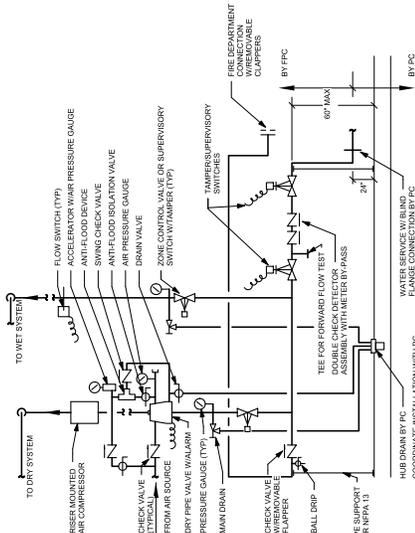
DOOR CREEK PARK  
SHELTER

MADISON, WI 53703

COVER SHEET -  
FIRE PROTECTION

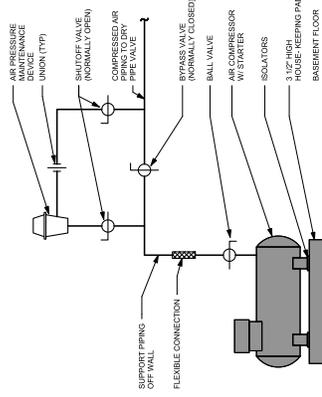
CONSTRUCTION DOCUMENTS  
Project Number: MSN-20-01  
Date: 05/10/2023

F000

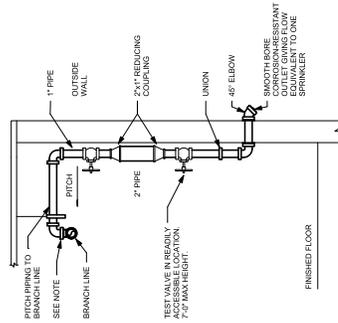


NOTE:  
- TO BYPASS FOR FIRE DEPARTMENT CONNECTION, CHECK VALVE TO ALLOW FORWARD FLOW TESTING TO BE CONDUCTED.

**1 DUAL ZONE-WET AND DRY RISER DIAGRAM DETAIL**  
SCALE: 3/32" = 1'-0"

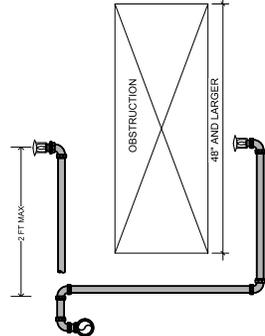


**2 AIR COMPRESSOR DETAIL**  
SCALE: 1/8" = 1'-0"

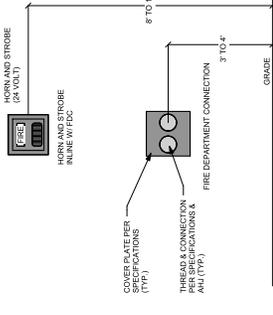


NOTES:  
- TO MINIMIZE CONDENSATION OF WATER IN THE DROP TO THE TEST CONNECTION, PROVIDE A RETURN BEND ON THE BRANCH LINE.  
- TO SHOW LOCATION ON SUBMITTED DRAWINGS FOR AIRE RETRIEVAL.

**4 INSPECTORS TEST DRY SYSTEM DETAIL**  
SCALE: 1/8" = 1'-0"



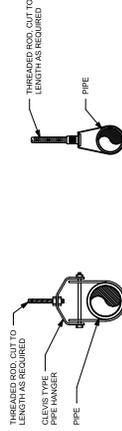
**7 SPRINKLER DETAIL AT HVAC OBSTRUCTION**  
SCALE: 1/8" = 1'-0"



**3 FDC & HORN/STROBE DETAIL**  
SCALE: 1/8" = 1'-0"



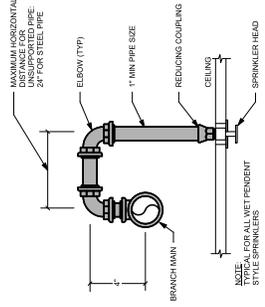
**BEAM / JOIST TYPE PIPE ANCHOR**



**CLEVIS TYPE PIPE HANGER**

NOTE:  
1. HANGER & CLAMP TO REGULATELY SUPPORT LOAD.  
2. USE ROD SIZES IN COMPLIANCE WITH NFPA.  
3. USE HANGER SIZES IN COMPLIANCE WITH NFPA.  
4. NOTE CORROSIVE ATMOSPHERE SPECIFICATION REQUIREMENTS.

**6 PIPE HANGER DETAILS**  
SCALE: 1/8" = 1'-0"



**8 ARM OVER DETAIL**  
SCALE: 1/8" = 1'-0"

No.	Description	Date

CITY OF MADISON

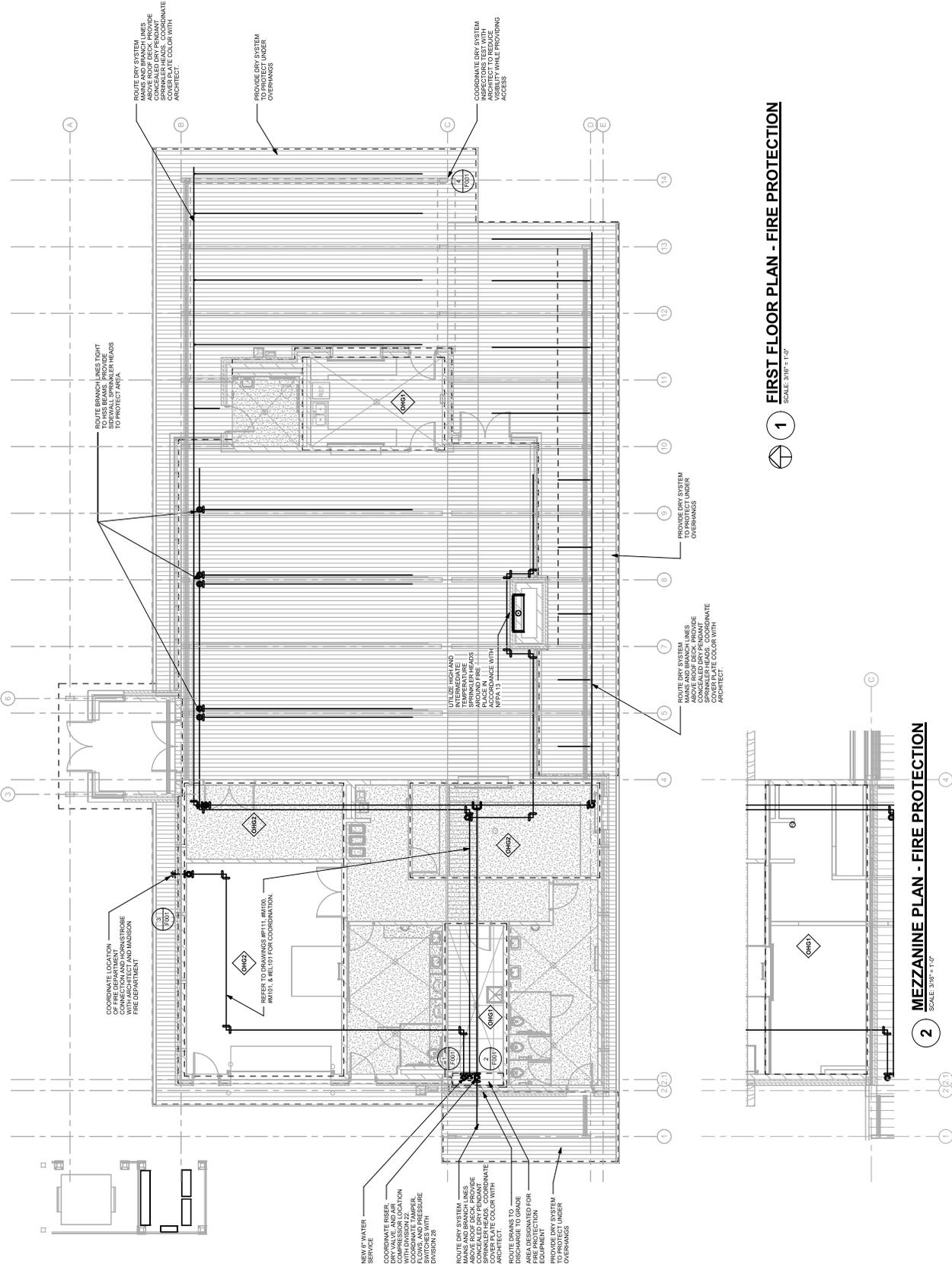
DOOR CREEK PARK SHELTER

MADISON, WI 53703

DETAILS - FIRE PROTECTION

CONSTRUCTION DOCUMENTS MSN-20-01  
Project Number: 05/10/2023  
Date:

**F001**



**1** FIRST FLOOR PLAN - FIRE PROTECTION  
SCALE: 3/8" = 1'-0"

**2** MEZZANINE PLAN - FIRE PROTECTION  
SCALE: 3/8" = 1'-0"

No.	Description	Date

CITY OF MADISON

DOOR CREEK PARK  
SHELTER

MADISON, WI 53703

FLOOR PLANS - FIRE  
PROTECTION

CONSTRUCTION DOCUMENTS MSN-20-01  
Project Number: 2000049  
Date: 05/10/2023

**F100**