

City of Madison – Urban Design Commission
Door Creek Park Shelter
Letter of Intent

January 24, 2022

Dear Mr. Firchow,

We are submitting an application to the UDC for preliminary and final approval of the park shelter project that is planned for the Door Creek Park located at 7035 Littlemore Drive. Door Creek Park is a community park with access available to all city residents. The proposed shelter is designed to accommodate all of the existing activities available on site and provide a rentable indoor program space for 120–150 people. There are restrooms for park and shelter users, equipment rental space for future programming that is to be determined, a small kitchenette space, and furniture storage.

The building will also provide space for parks maintenance vehicles, equipment and supplies for the maintenance of the park and the building.

The project is intended to be a 50 year or better lifespan building and we are seeking LEED Silver certification as per City of Madison policy. The material will be very durable, sustainable and easy to maintain. We wish to provide a design with ample daylight and views to the surrounding park.

Final details on the MEP/FP systems are pending further design phases at this time.

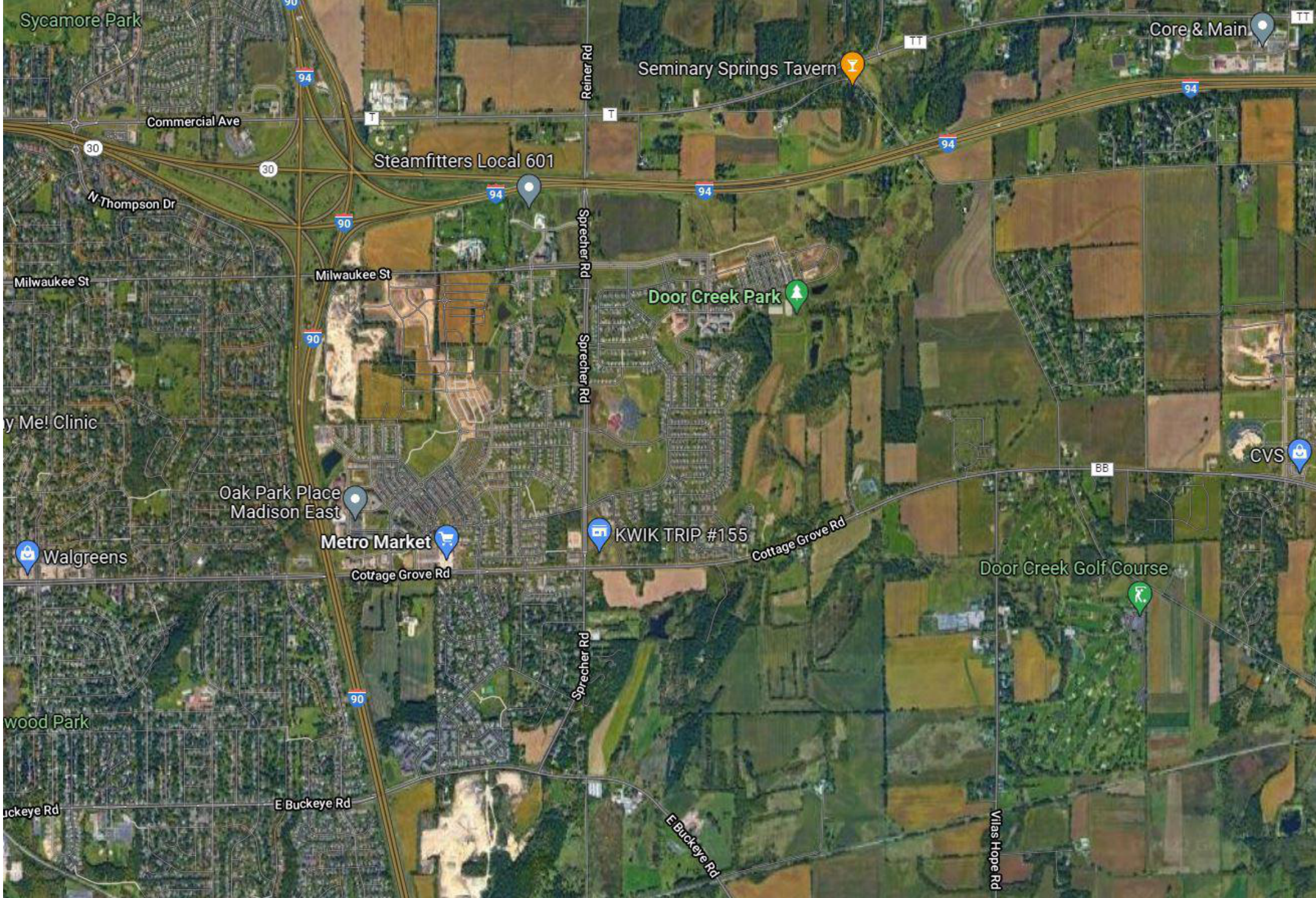
The scope of this project excludes changes to the parking area beyond access paths to the new structure.

We look forward to hearing the Commission's feedback.

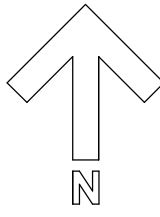
Douglas Pahl, AIA



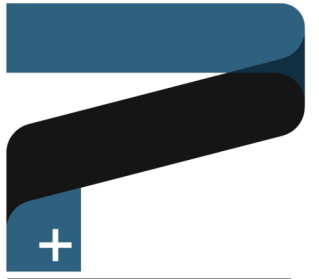
CITY OF MADISON DOOR CREEK PARK SHELTER MADISON, WI 53703



Project Location



116 King St, Suite 202 (608) 204-7464
Madison, WI 53703 AroEberle.com



Parkitecture

901 Deming Way, Suite 102 (608) 886-6808
Madison, WI 53717 parkitecture.org



583 D'onofrio Dr, Suite 201 (608) 821-4770
Madison, WI 53719 mpsqrd.com



1600 N High Point Rd Middleton, WI 53562
Project: #190052 P:608.440.9594
www.tailoredeng.com

BUILDING CODE INFORMATION:

APPLICABLE CODES:
WISCONSIN UNIFORM COMMERCIAL BUILDING CODE
EFFECTIVE MAY 1, 2018 (BASED ON 2015 INTERNATIONAL
BUILDING CODE WITH WISCONSIN AMENDMENTS - SPS 361-366)

2015 INTERNATIONAL EXISTING BUILDING CODE

2015 INTERNATIONAL ENERGY CONSERVATION CODE WITH
WISCONSIN AMENDMENTS - SPS 363

2015 INTERNATIONAL MECHANICAL CODE WITH WISCONSIN
AMENDMENTS - SPS 364

2015 INTERNATIONAL FUEL GAS CODE WITH WISCONSIN
AMENDMENTS - SPS 365

2015 WISCONSIN PLUMBING CODE - SPS 381-387

WISCONSIN STATE ELECTRICAL CODE - SPS 316

CLASS OF CONSTRUCTION:
TYPE 2B UNPROTECTED
FULL SPRINKLER SYSTEM

OCCUPANCY:
ASSEMBLY (A3)

PROJECT WORK AREA:
4,025 SF

No.	Description	Date

Design Team

CIVIL ENGINEER:

PARKITECTURE + PLANNING
901 DEMING WAY, SUITE 102
MADISON, WI 53717
PH: (608) 886-6808
EMAIL: BLAKE@PARKITECTURE.ORG

ARCHITECT:

ARO EBERLE ARCHITECTS INC.
116 KING STREET, SUITE 202
MADISON, WI 53703
CONTACT: DOUG PAHL, AIA
PH: (608) 204-7464
EMAIL: PAHL@AROEERLE.COM

STRUCTURAL ENGINEER:

MP-SQUARED STRUCTURAL ENGINEERS
583 D'ONOFRIO DR UNIT 201,
MADISON, WI 53719
PH: (608) 821-4770
EMAIL: JHAACK@MPSQRD.COM

MECHANICAL ENGINEER:

TAILORED ENGINEERING
1600 N HIGH POINT RD,
MIDDLETON, WI 53562
PH: (608) 440-9594
EMAIL: MHEIL@TAILOREDENG.COM

ELECTRICAL ENGINEER:

THUNDERBIRD ENGINEERING, INC
6000 GISHOLT DR #201,
MADISON, WI 53713
PH: (608) 820-1201
EMAIL: SHAWN@THUNDERBIRDENG.COM

PLUMBING ENGINEER:

TAILORED ENGINEERING
1600 N HIGH POINT RD,
MIDDLETON, WI 53562
PH: (608) 440-9594
EMAIL: MHEIL@TAILOREDENG.COM

Sheet List

GENERAL	
T002	COVER SHEET- UDC SUBMITTAL LETTER OF INTENT EXISTING SITE INFORMATION
CIVIL	
C200	DIMENSIONAL SITE PLAN
C300	GRADING PLAN - BUILDING AREA
C301	EROSION CONTROL, SITE GRADING, & UTILITY PLAN
LANDSCAPING	
L1	SITE LANDSCAPING PLAN
L2	PLANT LIST

ARCHITECTURAL	
A011	ENLARGED ARCHITECTURAL SITE PLAN
A003	EXTERIOR VIEWS
A010	OVERALL SITE PLAN
A101	FLOOR PLAN
A102	ROOF PLAN
A111	FIRST FLOOR REFLECTED CEILING PLAN
A201	EXTERIOR ELEVATIONS
A202	EXTERIOR ELEVATIONS
A203	EXTERIOR COLOR ELEVATIONS
A204	EXTERIOR COLOR ELEVATIONS

ELECTRICAL	
	PHOTOMETRIC LIGHTING CALCULATIONS
	PHOTOMETRIC LIGHTING PLAN
	LIGHTING CUT SHEETS

CITY OF MADISON

DOOR CREEK PARK SHELTER

MADISON, WI 53703

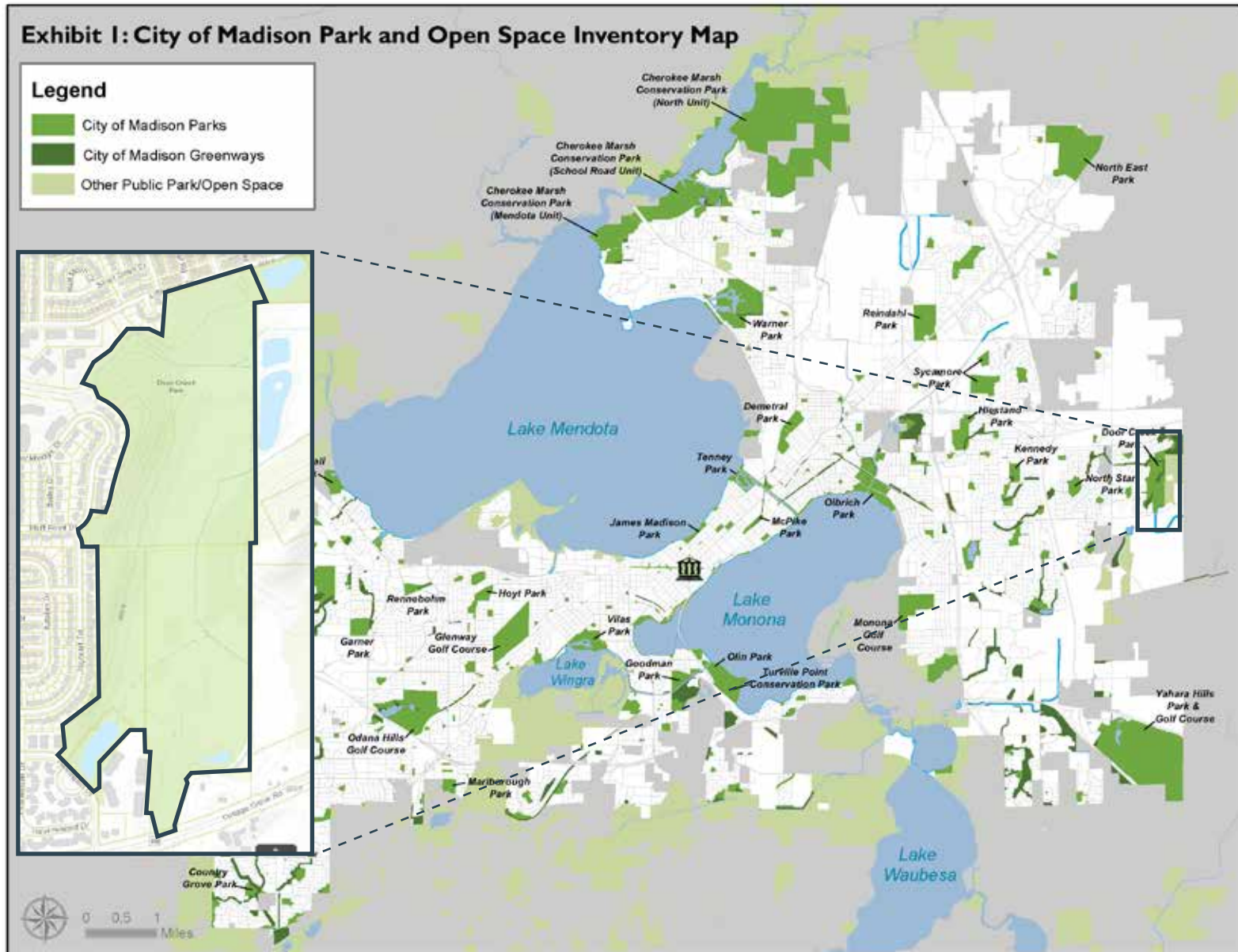
COVER SHEET- UDC SUBMITTAL

UDC SUBMITTAL	
Project number	MSN-20-01
Date	01/24/2022

T002

2. SITE INFORMATION

2.1 LOCATION PLAN



2.1 EXISTING CONDITIONS PLAN

Park classification: Community park

Area of service:

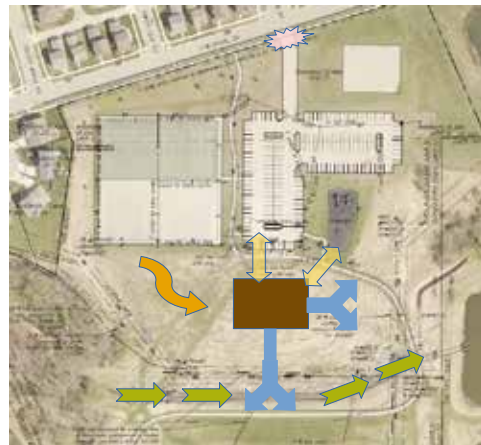
- 2 mile for most amenities
- 3-5 miles for ski trails
- Sporadic traffic for events

Service area population: 2 Mile Radius

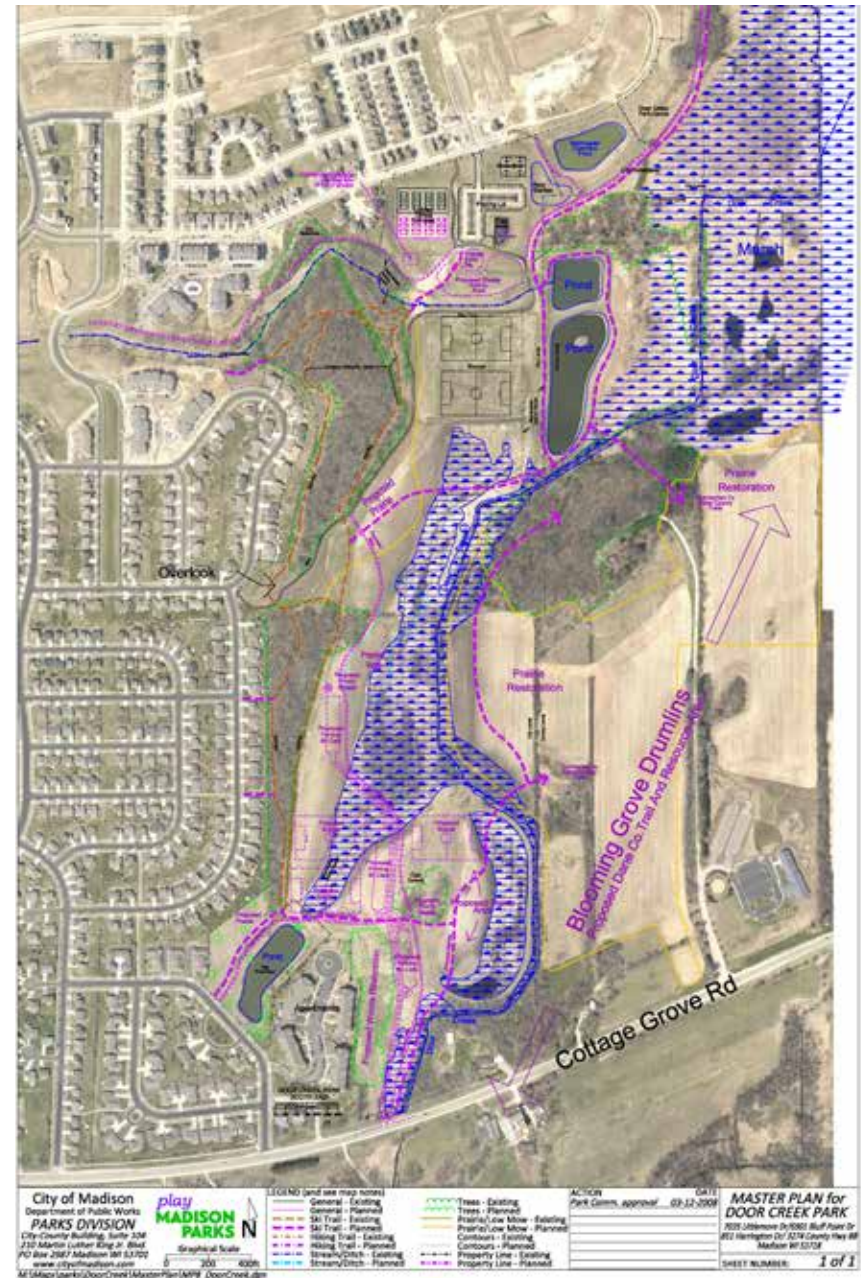
Amenities:

- Running, biking, walking, & ski trails
- Playground
- Courts

Existing parking capacity: 172 stalls



SITE ANALYSIS



2. SITE INFORMATION

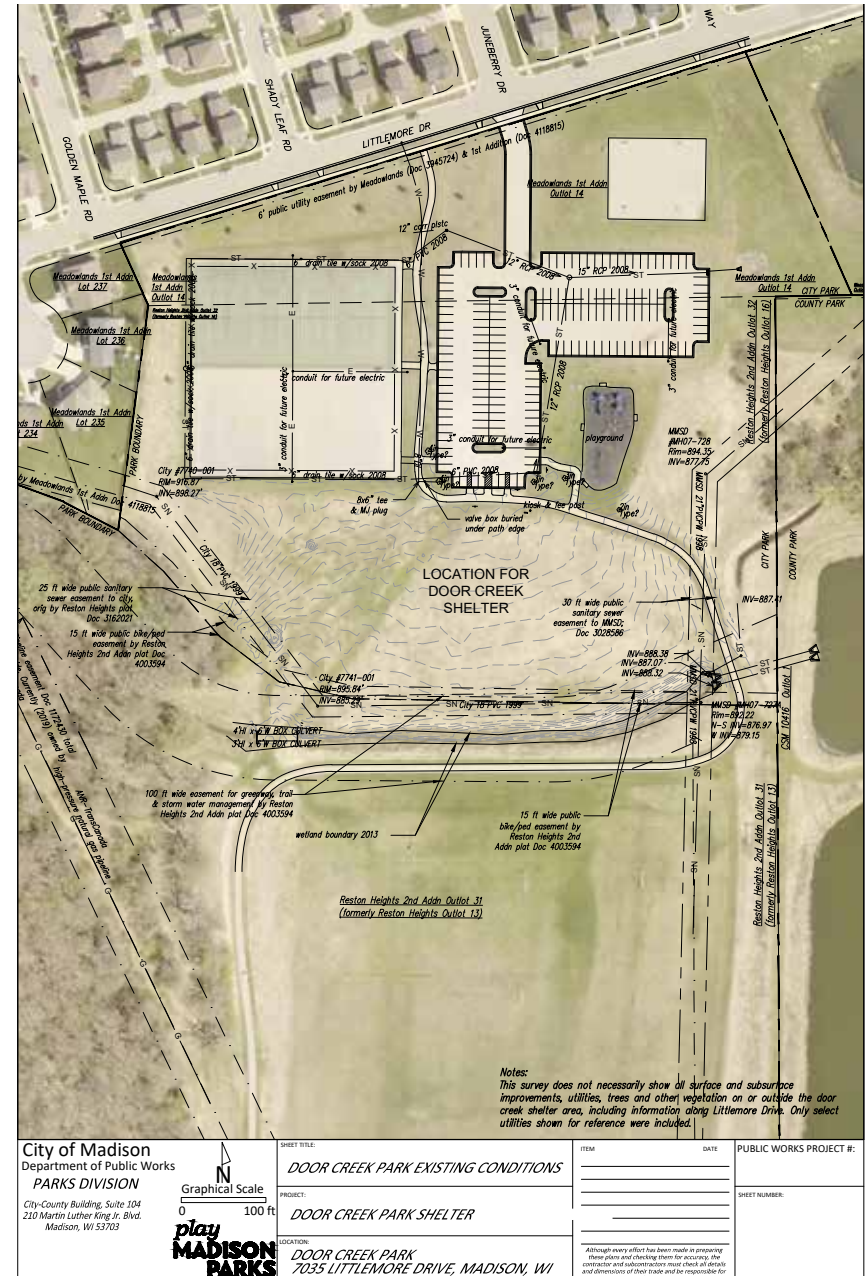
2.1 EXISTING CONDITIONS PLAN

The shelter location identified in the adopted park masterplan is optimal for the siting the building. With an elevation around 900', the proposed location provides open views to the greater park greenspace to the south. It's worth noting, there is an elevation advantage of about 10-15' from the north and northwest, giving visitors an elevated view of the shelter as they approach the site. This is a potential consideration when designing the roof structure.

Storm sewer and sanitary sewer connections are relatively close, with an 18" sewer line running south of the proposed site.

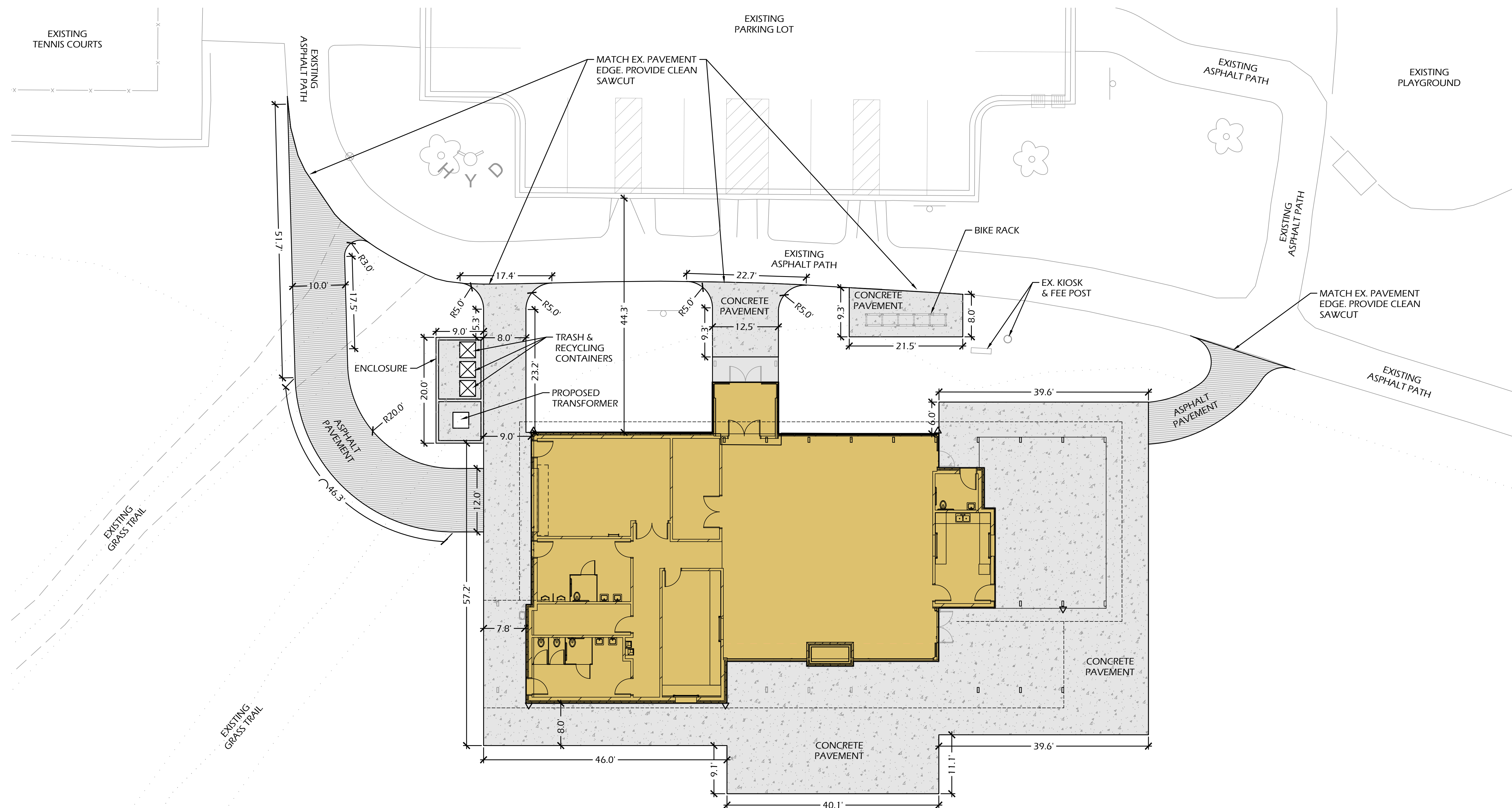
Existing water service to the proposed location is identified as a 4 inch lateral, but the material is unknown at this point. A line this size can typically accommodate a fire suppression system if this is a Madison Fire Department requirement.

Electrical service is not provided to the site, although conduit for future lighting improvements to the parking lot and tennis courts are installed.



2.1.1 EXISTING SITE PHOTOS





No.	Description	Date

- SITE LAYOUT NOTES**
1. CONTACT DIGGER'S HOTLINE 5 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
 2. ALL PROPOSED DIMENSIONS ARE REFERENCED PARALLEL OR PERPENDICULAR TO THE PROPOSED FEATURES SHOWN. WRITTEN DIMENSIONS SUPERSEDE ANY SCALED DIMENSIONS.
 3. PROPOSED GRADE AND LEVEL SHALL BE PERIODICALLY REVIEWED IN THE FIELD BY THE OWNER OR A/E.
 4. CONCRETE JOINTING IS SHOWN FOR DESIGN INTENT. FINAL SCORING PLANS SHALL BE SUBMITTED TO THE A/E FOR REVIEW AS A SHOP SUBMITTAL.
 5. ALL CONCRETE POURS SHALL BE DOWELED TOGETHER UNLESS OTHERWISE APPROVED BY THE A/E.
 6. ANY EXISTING STRUCTURES AND/OR UTILITIES NOT SHOWN ON THESE DOCUMENTS WHICH NEED TO BE REMOVED, RELOCATED, AND OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE CONTRACTOR AND INCLUDED IN THE BASE BID.
 7. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE STAKING. DIGITAL PLAN FILES MAY BE AVAILABLE FROM THE A/E.

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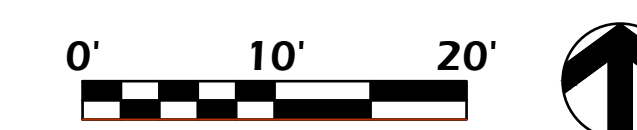
DOOR CREEK PARK SHELTER

Madison, WI 53703

DIMENSIONAL SITE PLAN

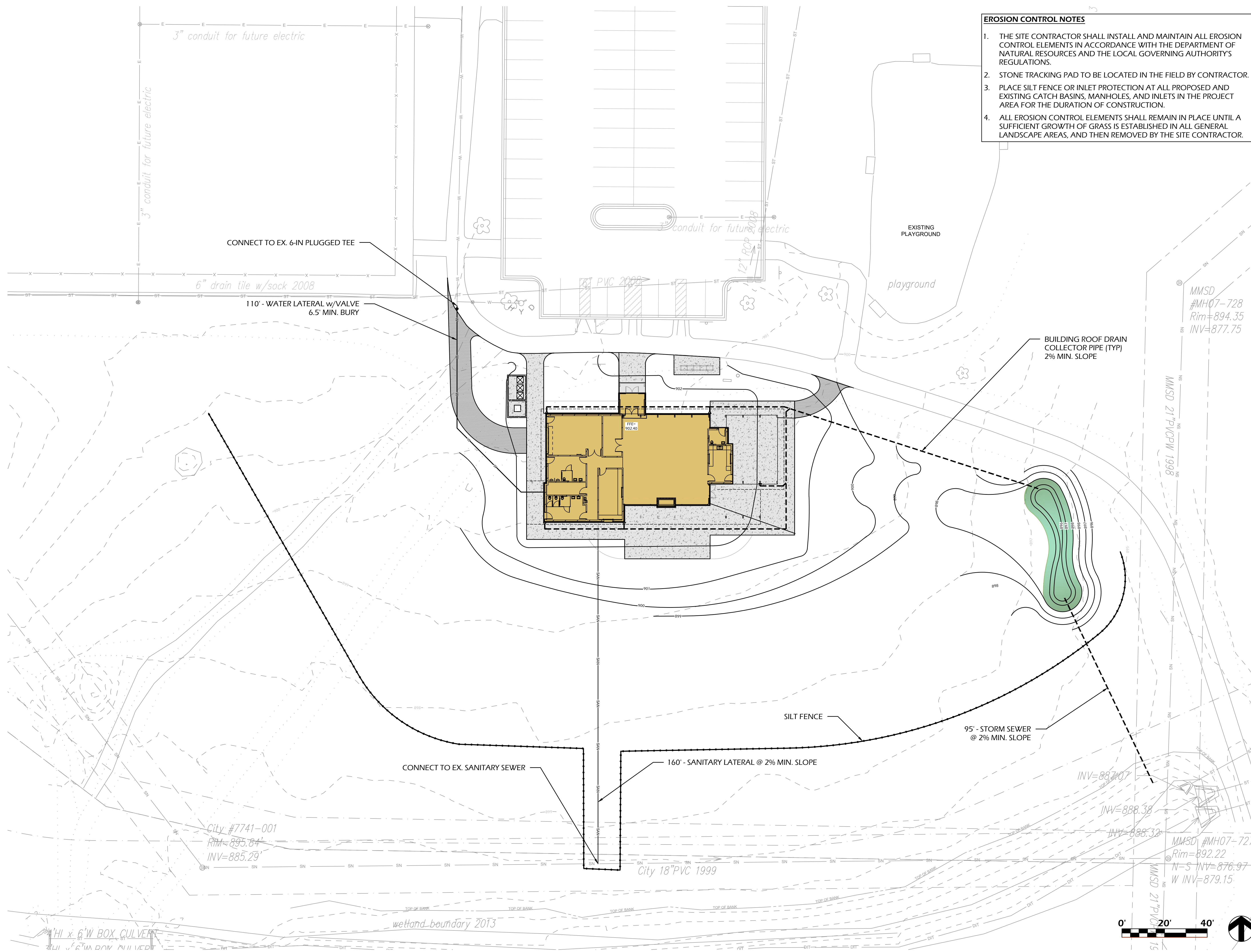
SD - PRICING SET	
Project number	MSN-20-01
Date	01/24/2022

C200



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- EROSION CONTROL NOTES**
1. THE SITE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL ELEMENTS IN ACCORDANCE WITH THE DEPARTMENT OF NATURAL RESOURCES AND THE LOCAL GOVERNING AUTHORITY'S REGULATIONS.
 2. STONE TRACKING 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 SUFFICIENT GROWTH OF GRASS IS ESTABLISHED IN ALL GENERAL LANDSCAPE AREAS, AND THEN REMOVED BY THE SITE CONTRACTOR.



No.	Description	Date

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DOOR CREEK PARK SHELTER

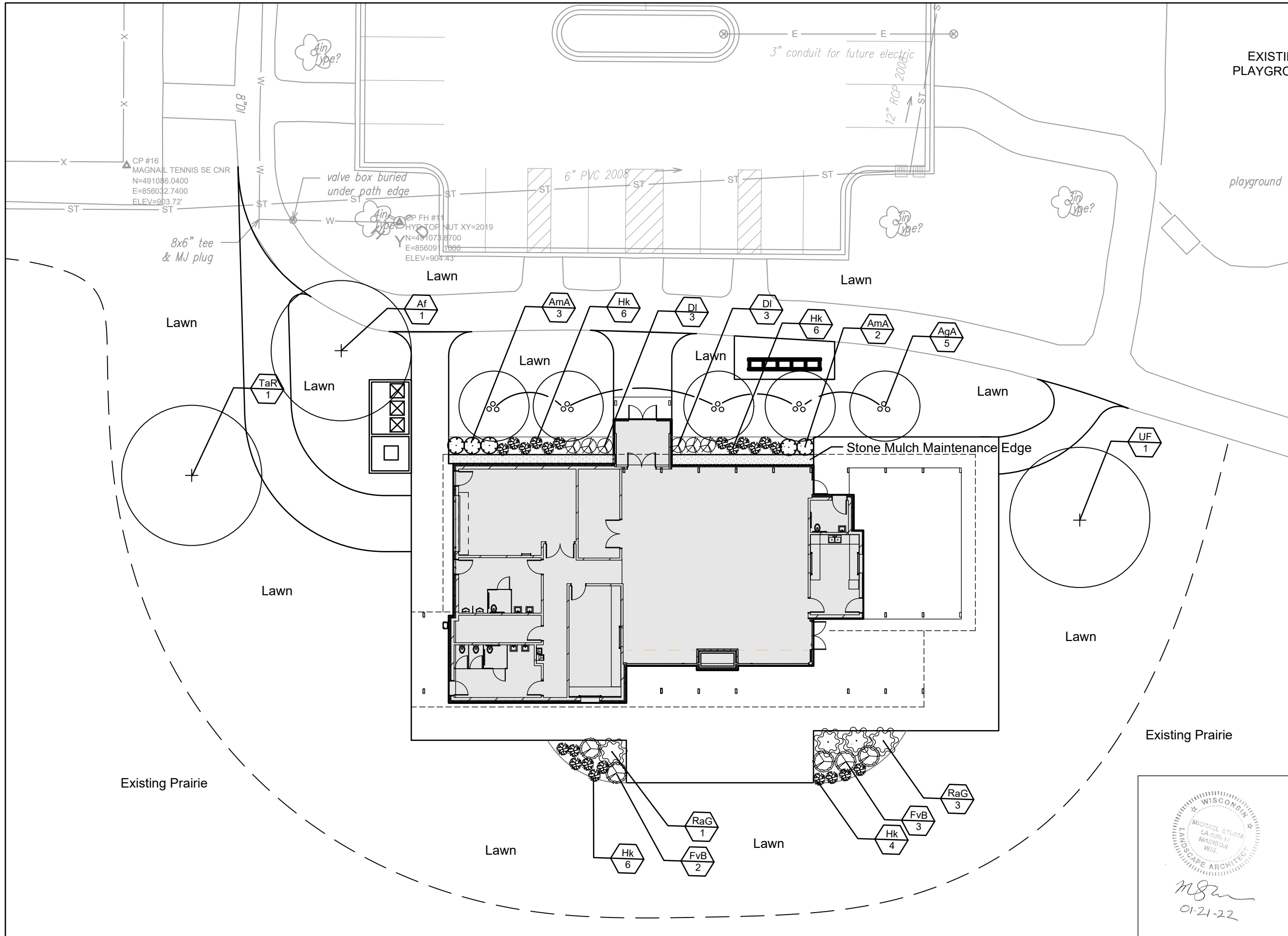
Madison, WI 53703

EROSION CONTROL, SITE GRADING, & UTILITY PLAN

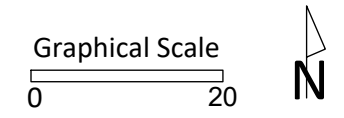
SD - PRICING SET
Project number MSN-20-01
Date 01/24/2022

C301

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City of Madison
 Department of Public Works
PARKS DIVISION
 City-County Building, Suite 104
 210 Martin Luther King, Jr. Blvd.
 Madison, WI 53703



PROJECT:
Door Creek Park Shelter

PROJECT ADDRESS:
*7035 Littlemore Dr.
 Madison, WI 53718*

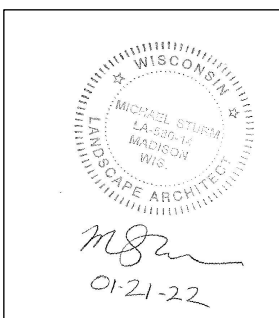
Although every effort has been made in preparing these plans and checking them for accuracy, the contractor and subcontractors must check all details and dimensions of their trade and be responsible for the same.

ITEM	DATE
ADVERTISED TO BID	XXXXX

PUBLIC WORKS PROJECT #:
n/a

SHEET TITLE:
SITE LANDSCAPE PLAN

SHEET NUMBER:
L-1



Door Creek Park Shelter - Plant List					
Deciduous Shade Trees					
Key	Scientific	Common	Root Cond	Size	
Af	Acer x freemanii 'Jeffersred'	Autumn Blaze Maple	B&B	2.5" Cal.	1
TaR	Tilia americana 'Kromm' PPAF	Frontyard Linden	B&B	2.5" Cal.	1
UF	Ulmus x 'Frontier'	Frontier Elm	B&B	2.5" Cal.	1
Deciduous Ornamental Trees					
Key	Scientific	Common	Root Cond	Size	Qty
AgA	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Serviceberry (tree-form)	Cont	#20	5
Shrubs					
Key	Scientific	Common	Root Cond	Size	Qty
AmA	Aronia melanocarpa 'Iroquois Beauty'	Morton Aronia	Cont	#3	5
DI	Diervilla lonicera	Dwarf Bush Honeysuckle	Cont	#3	6
FvB	Forsythia viridissima 'Bronxensis	Bronx Forsythia	Cont	#3	5
Hk	Hypericum kalmianum	St. John's Wort	Cont	#3	22
RaG	Rhus aromatica 'Grow-low'	Grow Low Sumac	Cont	#3	4

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*Door Creek Park
 Shelter*

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 Madison, WI 53718*

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ITEM	DATE
ADVERTISED TO BID	XXXXX

PUBLIC WORKS PROJECT #:
n/a

SHEET TITLE:
PLANT LIST

SHEET NUMBER:

L-2



AERIAL VIEW FROM NORTHWEST



AERIAL VIEW FROM SOUTHWEST



AERIAL VIEW FROM NORTH



VIEW FROM NORTHEAST



VIEW FROM SOUTHEAST

No.	Description	Date



ENTRANCE VIEW FROM NORTHWEST



VIEW FROM WEST



VIEW FROM SOUTH

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MADISON, WI 53703

EXTERIOR VIEWS

UDC SUBMITTAL
Project number MSN-20-01
Date 01/24/2022

A003

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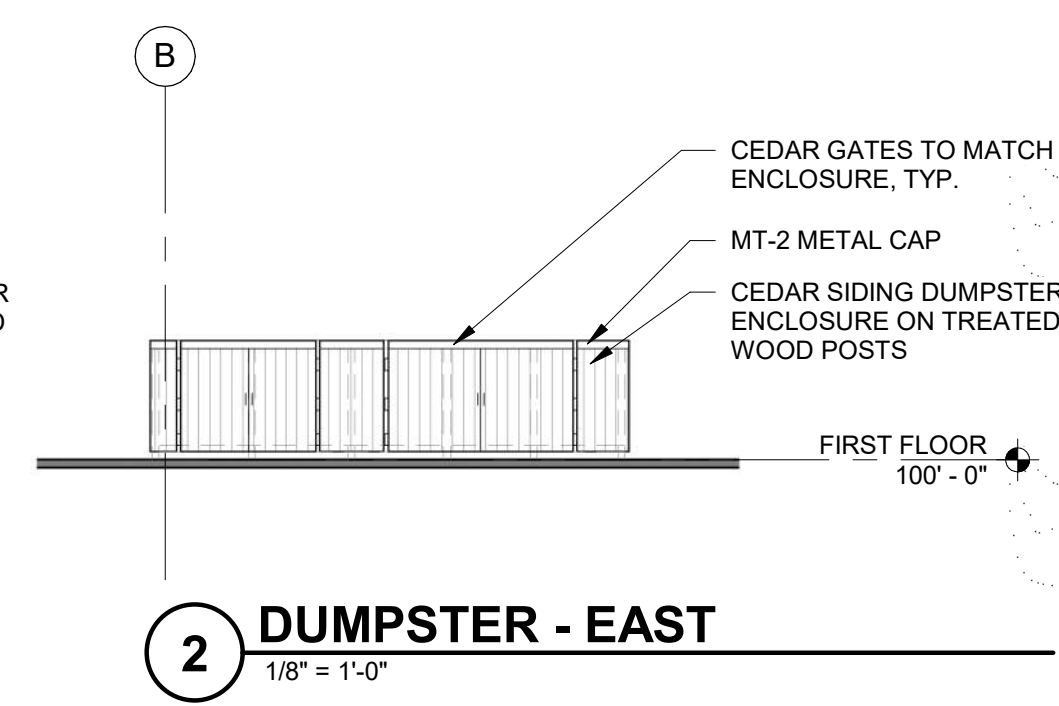
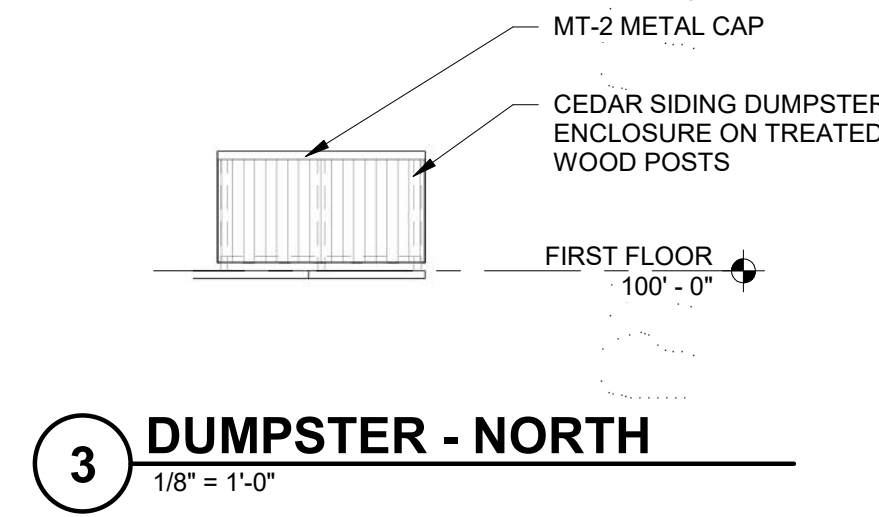
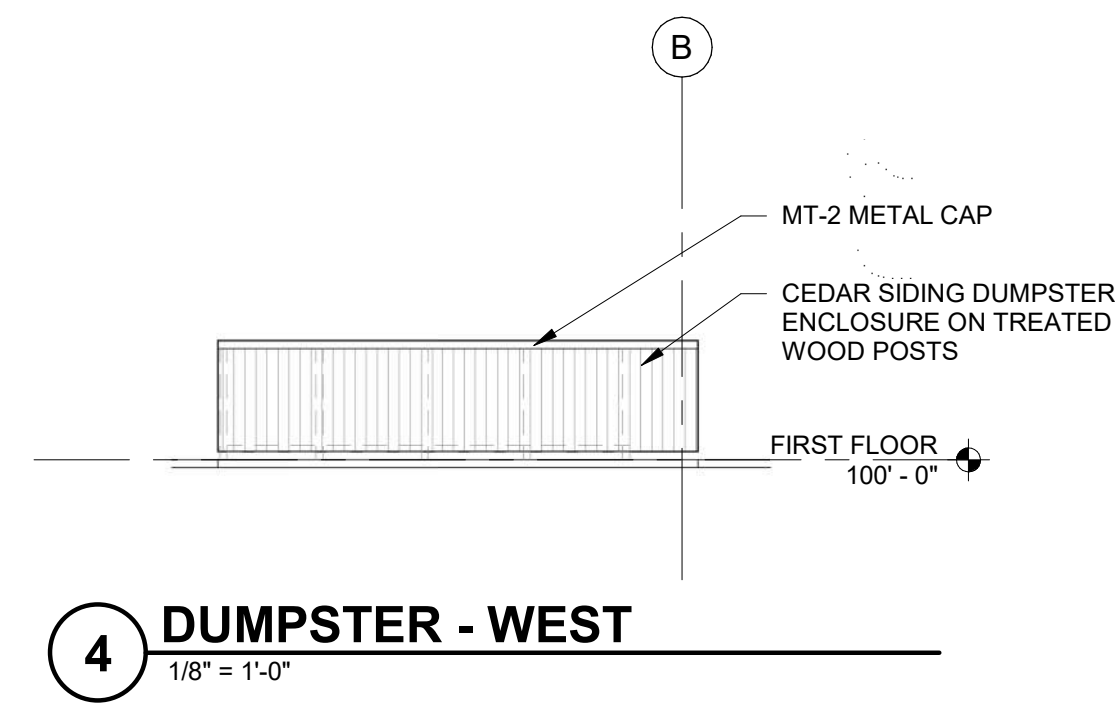
OVERALL SITE PLAN

UDC SUBMITTAL	
Project number	MSN-20-01
Date	01/24/2022

A010

NOT FOR CONSTRUCTION

1 SITE - OVERALL
1" = 30'-0"



4 DUMPSTER - WEST
1/8" = 1'-0"

3 DUMPSTER - NORTH
1/8" = 1'-0"

2 DUMPSTER - EAST
1/8" = 1'-0"



1 SITE
1/16" = 1'-0"

No.	Description	Date

CITY OF MADISON

DOOR CREEK PARK
SHELTER

MADISON, WI 53703

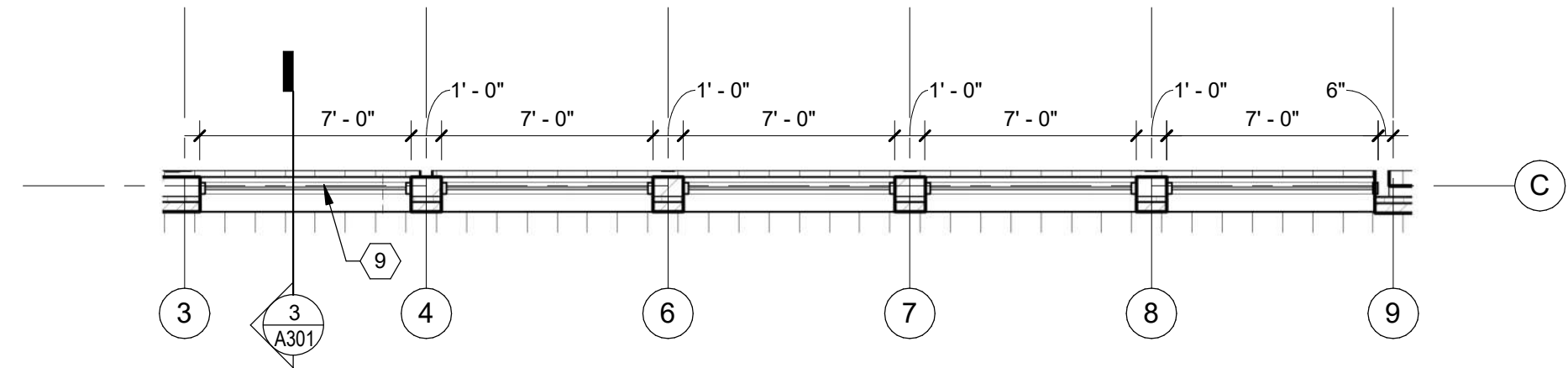
ENLARGED
ARCHITECTURAL
SITE PLAN

UDC SUBMITTAL

Project number MSN-20-01
Date 01/24/2022

A011

NOT FOR CONSTRUCTION

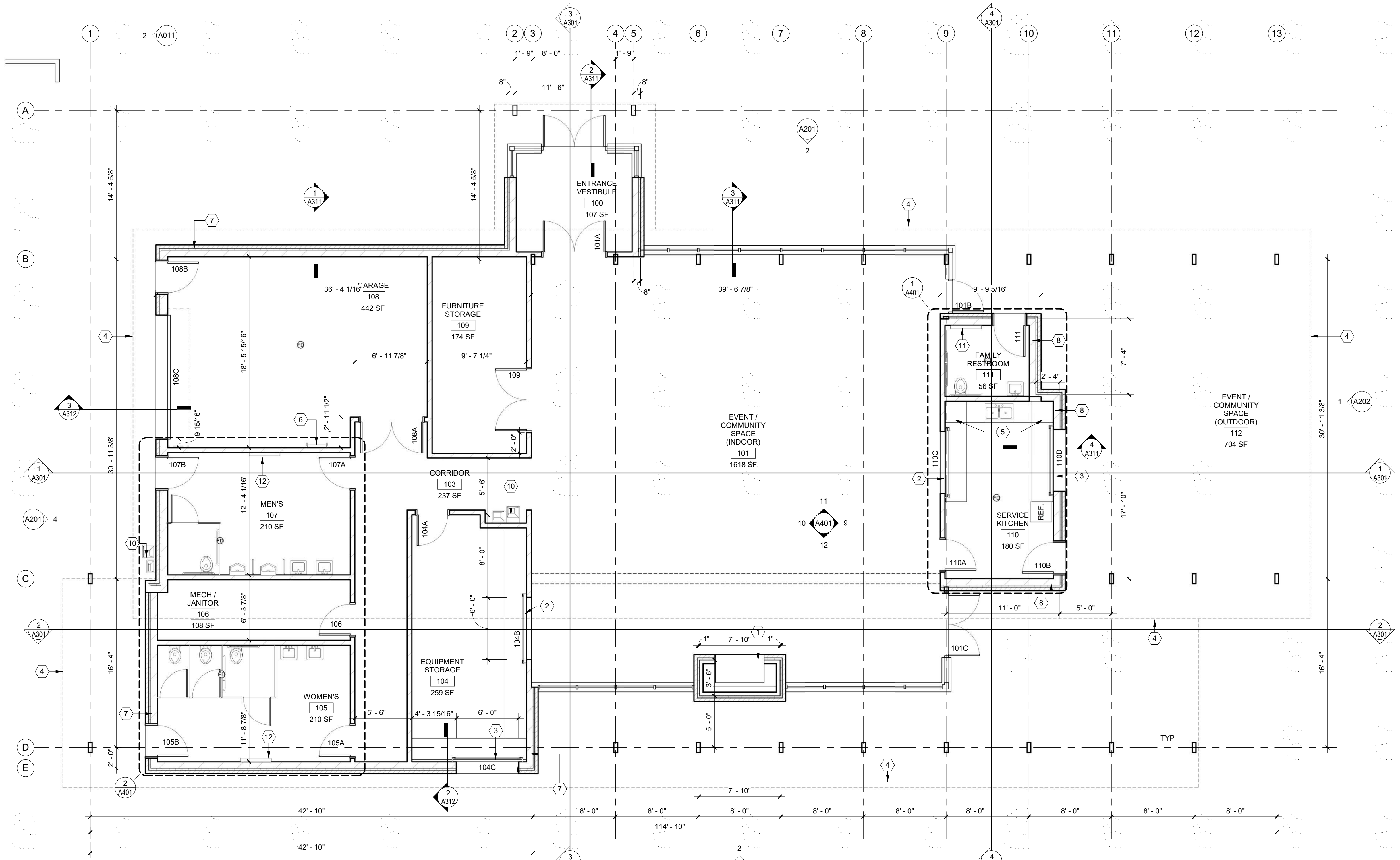


2 CLERESTORY PLAN
3/16" = 1'-0"

KEYED NOTES

1	GAS FIREPLACE INSERT SURROUNDED BY NATURAL STONE HEARTH
2	COILING COUNTER DOOR
3	INSULATED COILING COUNTER DOOR
4	LINE DEPICTS ROOF EDGE ABOVE
5	STAINLESS STEEL COUNTERTOP
6	WALL MOUNTED ATTIC ACCESS LADDER
7	BRICK MASONRY OVER CMU WALL ASSEMBLY - BRICK 1
8	BRICK MASONRY OVER CMU WALL ASSEMBLY - BRICK 2
9	OPERABLE CLERESTORY WINDOWS, REQUIRE ELECTRIC OPERATORS AND CONTROLS
10	DRINKING FOUNTAIN AND BOTTLE FILLING STATION
11	FOLDING ADULT CHANGING TABLE
12	FOLDING CHANGING TABLE

- FLOOR PLAN GENERAL NOTES:**
1. SITE DATUM OF XXX' = FLOOR EL. 100' - 0" ON ARCHITECTURAL DRAWINGS.
 2. FIELD VERIFY ALL DIMENSIONS. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT / ENGINEER FOR FINAL DECISION.
 3. SEE SHEET A001 FOR PARTITION TYPES.
 4. SEE SHEET A001 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 FLOOR PLAN ARE BASED ON FACE OF FINISH WALL TO FINISHED WALL (NOMINAL).
 8. EXTERIOR DIMENSIONS ARE BASED TO FACE OF CMU (NOMINAL).



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

No.	Description	Date

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DOOR CREEK PARK SHELTER

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FLOOR PLAN

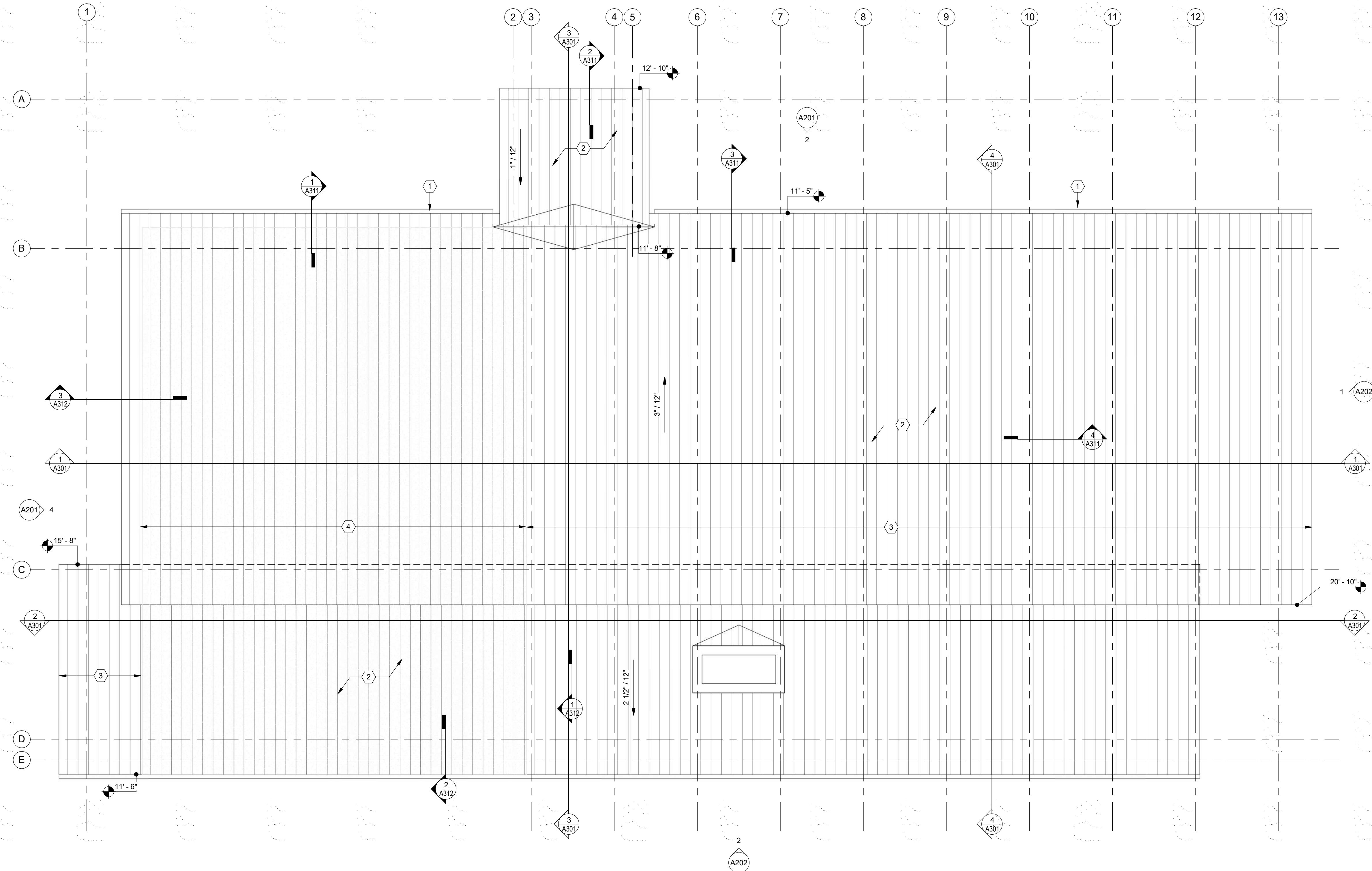
UDC SUBMITTAL	
Project number	MSN-20-01
Date	01/24/2022

A101

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KEYED NOTES	
1	METAL GUTTER - COLOR TO MATCH MT-1
2	METAL STANDING SEAM ROOF
3	2X6 T&G WOOD DECK BELOW - SELECT STRUCTURAL FIR
4	EXTENT OF STANDARD PRE-FAB WOOD TRUSSES BELOW

GENERAL NOTES:
ALL SPOT ELEVATIONS ARE TAKEN RELATIVE TO THE FIRST FLOOR



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

No.	Description	Date

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ROOF PLAN

UDC SUBMITTAL	
Project number	MSN-20-01
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A102

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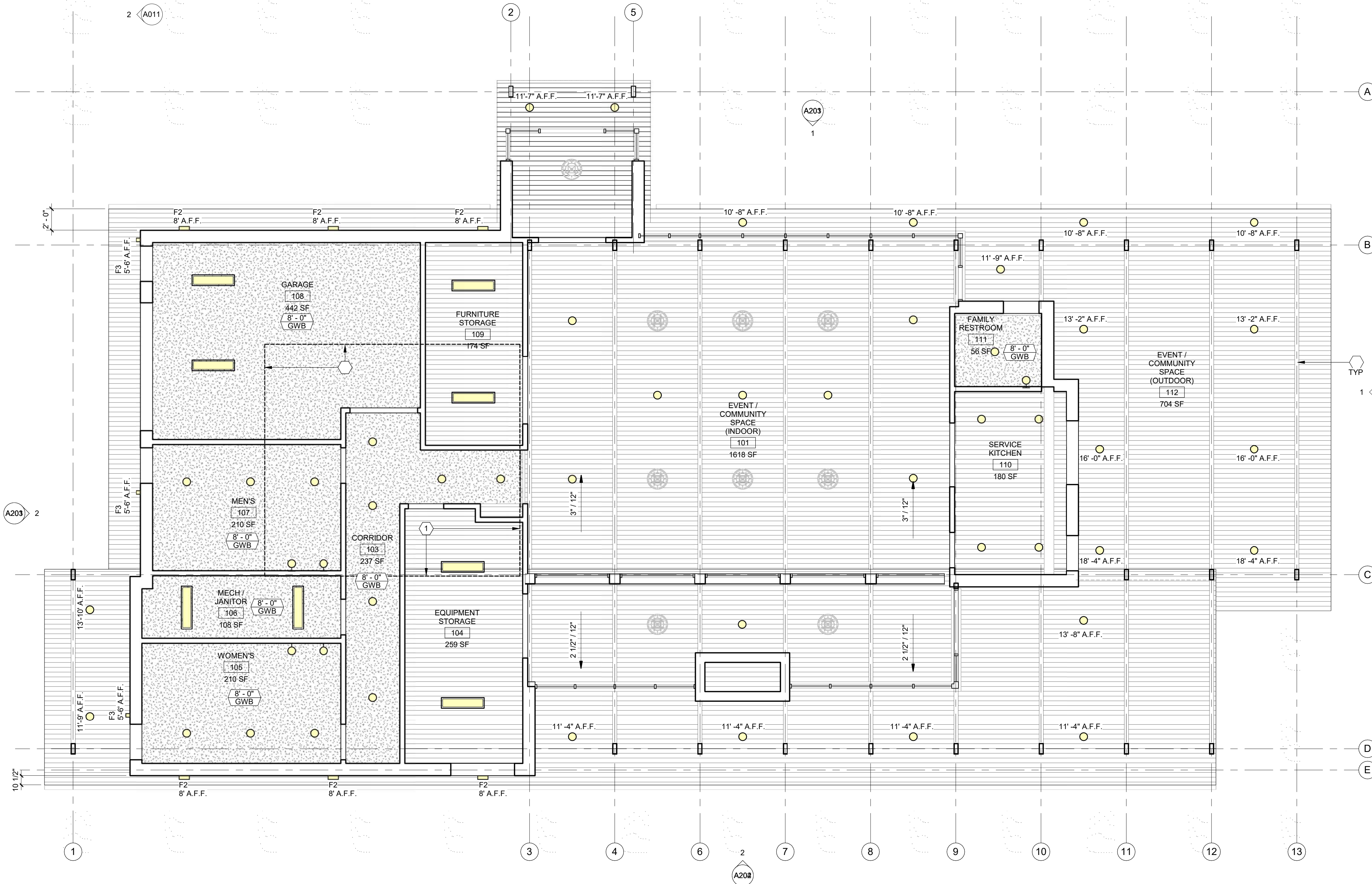
KEYED NOTES (#)	
1	EXTENT OF ATTIC SPACE FOR MECHANICAL EQUIPMENT

CEILING GENERAL NOTES:

- REFER TO PROJECT MANUAL FOR MATERIAL SPECIFICATIONS.
- REFER TO FINISH SCHEDULE FOR KEY CODES, SELECTION AND COLOR.
- ALL CEILINGS OR SOFFITS NOTED AS GWB OR PLASTER TO BE PAINTED PT-XX UNLESS NOTED OTHERWISE.
- REFER TO MEP DRAWINGS, SPECIFICATIONS, AND SCHEDULES FOR TYPE AND QUANTITY OF FIXTURES AND EQUIPMENTS SHOWN ON THIS PLAN.
- RCP'S INDICATE LAYOUT ONLY. REFER TO ELECTRICAL DRAWINGS FOR SMOKE DETECTOR AND OTHER FIRE SAFETY INFORMATION NOTE SHOWN ON THIS PLAN.
- REFER TO MEP DRAWINGS FOR LIGHTING AND FIXTURES IN AREAS WITH NO CEILINGS / EXPOSED TO STRUCTURE.
- VERIFY SIZE, LOCATION, AND QUANTITY OF ACCESS PANELS WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
- ALL RECESSED LIGHTS, SPEAKERS, OCCUPANCY SENSORS, ETC. SHALL BE CENTERED IN THE TILES UNLESS NOTED OTHERWISE.
- CENTER ALL CEILING GRIDS IN SPACE UNLESS NOTED OTHERWISE.
- ALL METAL LINEAR DIFFUSERS AND SHOP PRIMED ACCESS PANELS SHALL BE PAINTED TO MATCH SURROUNDING WALL OR CEILING SURFACE.
- CONTROL JOINTS IN GWB CEILING OR SOFFITS ARE NOTED WITH C.J. SEE SPEC FOR ADDITIONAL INFORMATION IF NOT SHOWN.

CEILING LEGEND:

- 2' x 2' SUSPENDED CEILING GRID
- GYPSUM BOARD CEILING (PAINTED)
- 2x4 RECESSED LIGHT FIXTURE
- 2x2 RECESSED LIGHT FIXTURE
- 12' x 48' RECESSED LIGHT FIXTURE
- 6' x 48' RECESSED LIGHT FIXTURE
- RECESSED DOWN LIGHT
- SURFACE MOUNTED DOWN LIGHT
- WALL MOUNTED VANITY LIGHT
- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER / EXHAUST GRILL
- EXHAUST FAN
- SUPPLY AIR DIFFUSER - SLOT
- 1' x 4' LIGHT FIXTURE (SUSPENDED)
- INDUSTRIAL FLUORESCENT
- SPEAKER
- WALL MOUNTED EXIT LIGHT
- CEILING MOUNTED EXIT 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

CITY OF MADISON

DOOR CREEK PARK SHELTER

MADISON, WI 53703

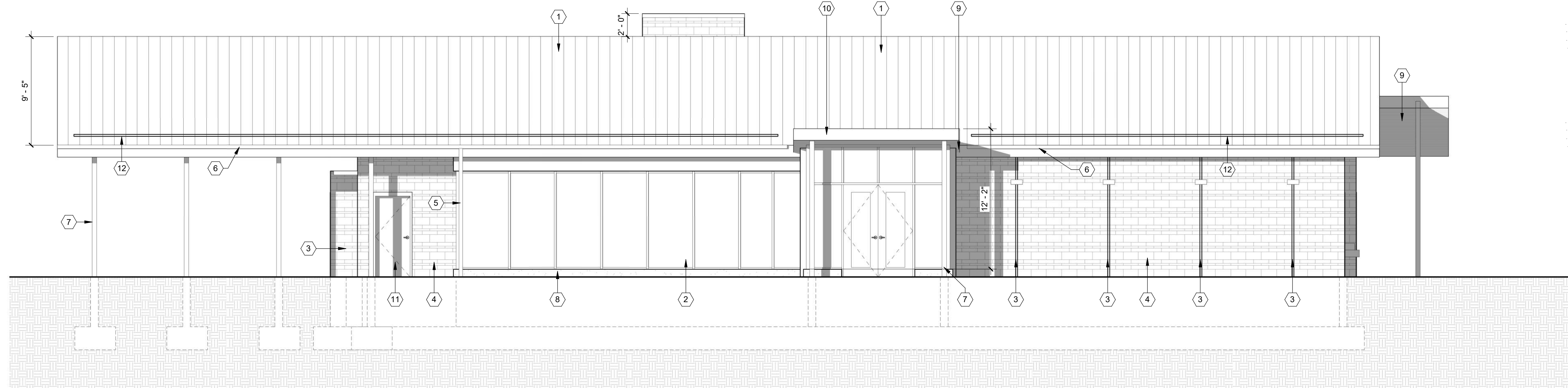
FIRST FLOOR REFLECTED CEILING PLAN

UDC SUBMITTAL	
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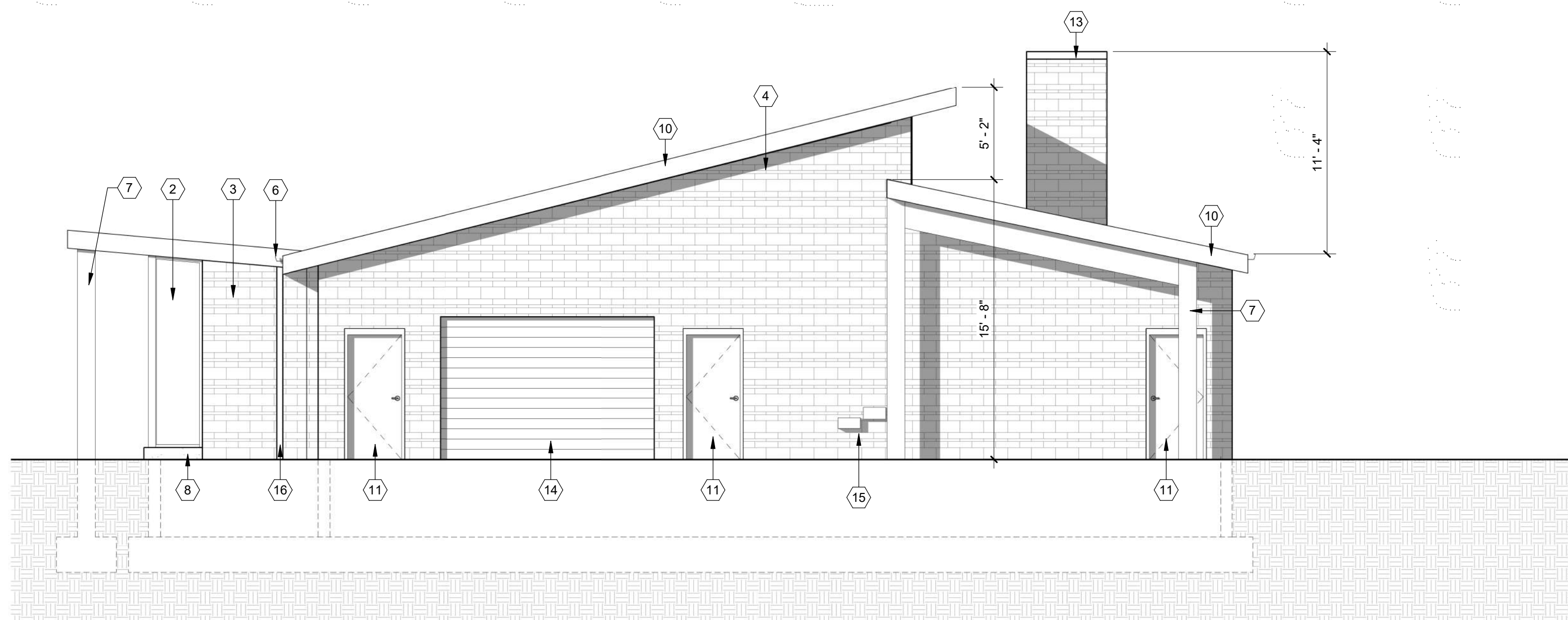
A111

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



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



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

KEYED NOTES	
1	METAL STANDING SEAM ROOF
2	INSULATED STOREFRONT SYSTEM - DARK BRONZE
3	VARYING HEIGHT BRICK FACADE - BRICK 2
4	VARYING HEIGHT BRICK FACADE - BRICK 1
5	METAL DOWNSPOUT - COLOR TO MATCH MT-1
6	METAL GUTTER - COLOR TO MATCH MT-1
7	PAINTED STEEL COLUMNS - COLOR TO MATCH MT-2, TYP.
8	CAST STONE
9	TONGUE AND GROOVE WOOD SOFFIT
10	METAL TRIM (MT-1)
11	INSULATED HOLLOW METAL DOOR - COLOR TO MATCH MT-2
12	CONTINUOUS RAIL SNOW GUARD
13	METAL TRIM (MT-2)
14	INSULATED COILING DOOR - COLOR TO MATCH MT-2
15	DRINKING FOUNTAIN
16	FLUSH METAL PANEL - COLOR TO MATCH MT-2

No.	Description	Date

CITY OF MADISON

DOOR CREEK PARK
SHELTER

MADISON, WI 53703

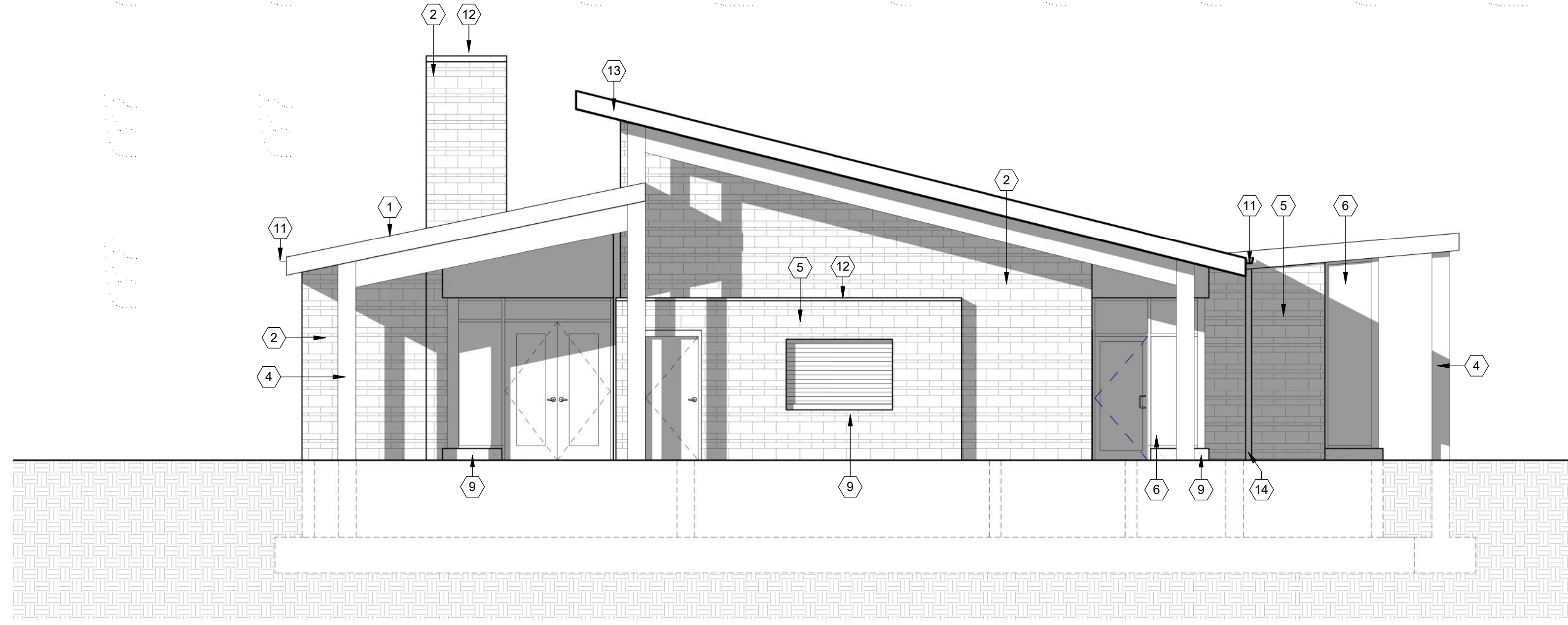
EXTERIOR
ELEVATIONS

UDC SUBMITTAL	
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Date	01/24/2022

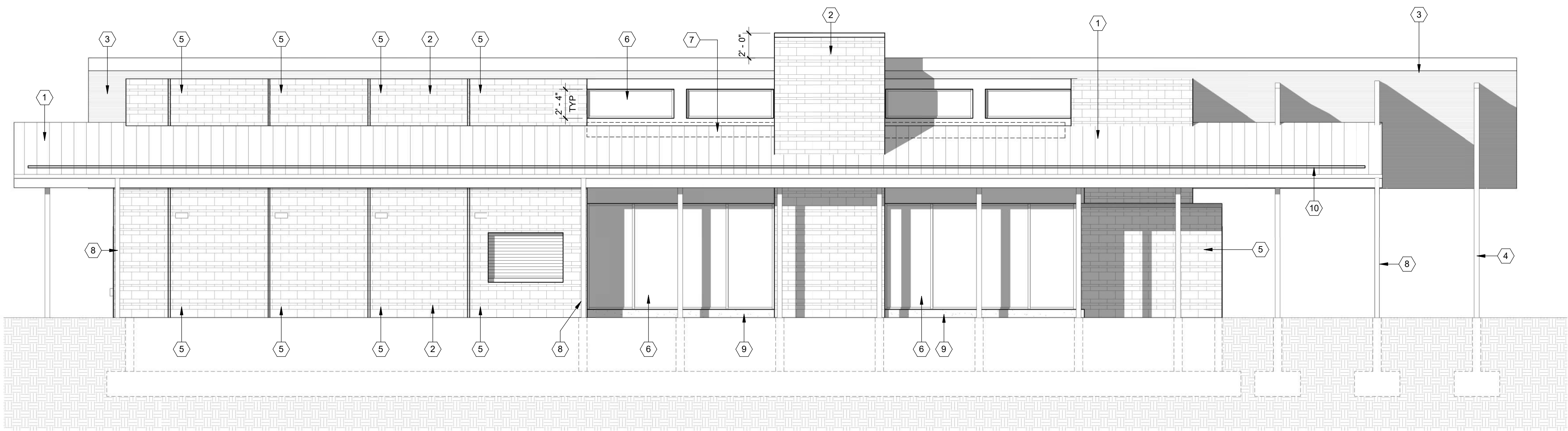
A201

NOT FOR CONSTRUCTION

KEYED NOTES	
1	METAL STANDING SEAM ROOF
2	VARYING HEIGHT BRICK FACADE - BRICK 1
3	TONGUE AND GROOVE WOOD SOFFIT
4	PAINTED STEEL COLUMNS - COLOR TO MATCH MT-2, TYP.
5	VARYING HEIGHT BRICK FACADE - BRICK 2
6	INSULATED STOREFRONT SYSTEM - DARK BRONZE
7	TUBE STEEL BEAM BEYOND
8	METAL DOWNSPOUT - COLOR TO MATCH MT-1
9	CAST STONE
10	CONTINUOUS RAIL SNOW GUARD
11	METAL GUTTER - COLOR TO MATCH MT-1
12	METAL TRIM (MT-2)
13	METAL TRIM (MT-1)
14	FLUSH METAL PANEL - COLOR TO MATCH MT-2



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



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

No.	Description	Date

CITY OF MADISON

DOOR CREEK PARK SHELTER

MADISON, WI 53703

EXTERIOR ELEVATIONS

UDC SUBMITTAL	
Project number	MSN-20-01
Date	01/24/2022

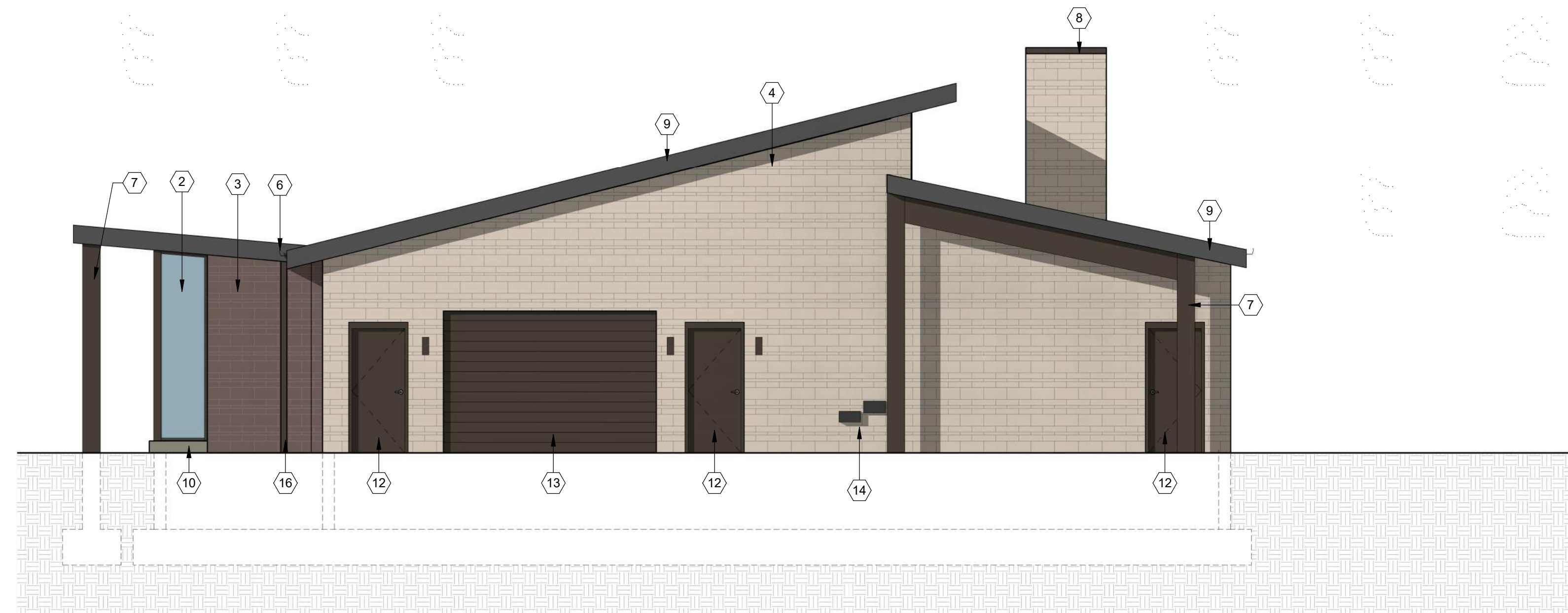
A202

NOT FOR CONSTRUCTION

KEYED NOTES	
1	METAL STANDING SEAM ROOF
2	INSULATED STOREFRONT SYSTEM - DARK BRONZE
3	VARYING HEIGHT BRICK FACADE - BRICK 2
4	VARYING HEIGHT BRICK FACADE - BRICK 1
5	METAL DOWNSPOUT - COLOR TO MATCH MT-1
6	METAL GUTTER - COLOR TO MATCH MT-1
7	PAINTED STEEL COLUMNS - COLOR TO MATCH MT-2, TYP.
8	METAL TRIM (MT-2)
9	METAL TRIM (MT-1)
10	CAST STONE
11	TONGUE AND GROOVE WOOD SOFFIT
12	INSULATED HOLLOW METAL DOOR - COLOR TO MATCH MT-2
13	INSULATED COILING DOOR - COLOR TO MATCH MT-2
14	DRINKING FOUNTAIN
15	CONTINUOUS RAIL SNOW GUARD
16	FLUSH METAL PANEL - COLOR TO MATCH MT-2



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



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

No.	Description	Date

CITY OF MADISON

DOOR CREEK PARK SHELTER

MADISON, WI 53703

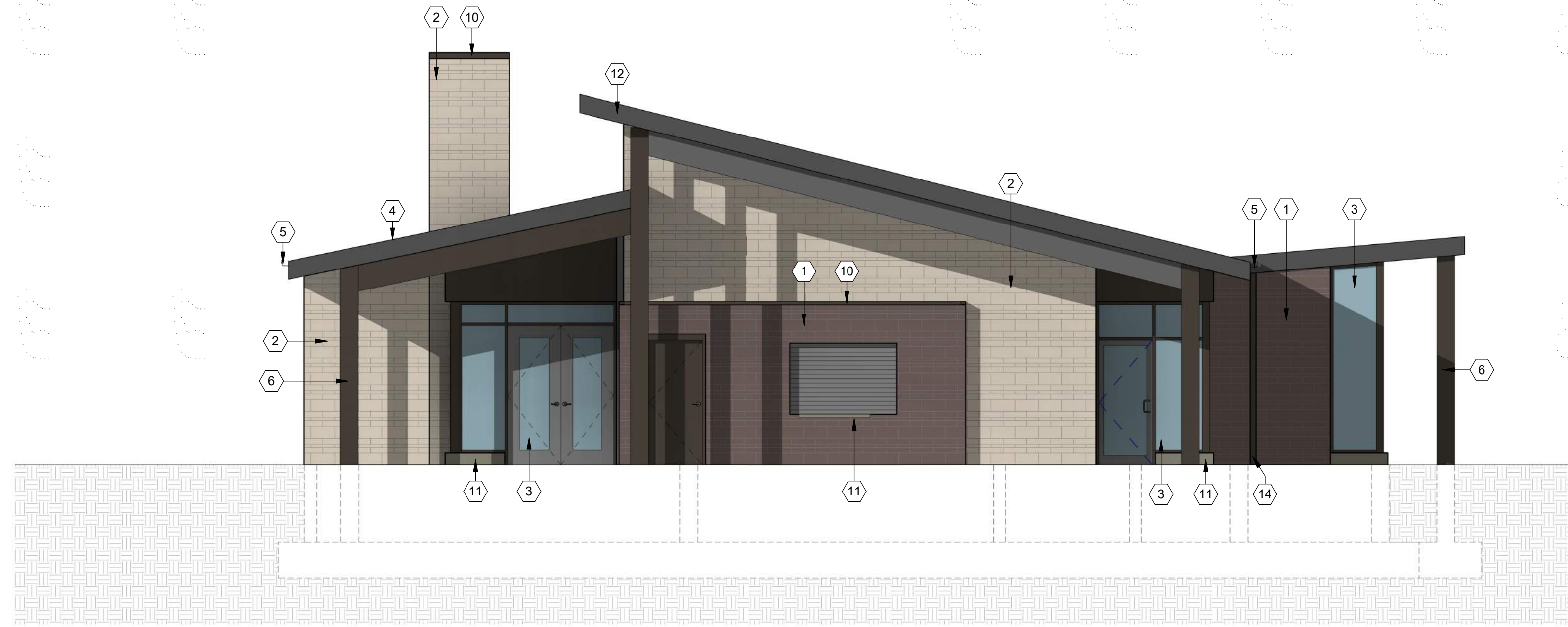
EXTERIOR COLOR ELEVATIONS

UDC SUBMITTAL	
Project number	MSN-20-01
Date	01/24/2022

A203

NOT FOR CONSTRUCTION

KEYED NOTES	
1	VARYING HEIGHT BRICK FACADE - BRICK 2
2	VARYING HEIGHT BRICK FACADE - BRICK 1
3	INSULATED STOREFRONT SYSTEM - DARK BRONZE
4	METAL STANDING SEAM ROOF
5	METAL GUTTER - COLOR TO MATCH MT-1
6	PAINTED STEEL COLUMNS - COLOR TO MATCH MT-2, TYP.
7	TONGUE AND GROOVE WOOD SOFFIT
8	TUBE STEEL BEAM BEYOND
9	METAL DOWNSPOUT - COLOR TO MATCH MT-1
10	METAL TRIM (MT-2)
11	CAST STONE
12	METAL TRIM (MT-1)
13	CONTINUOUS RAIL SNOW GUARD
14	FLUSH METAL PANEL - COLOR TO MATCH MT-2



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



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

No.	Description	Date

CITY OF MADISON

DOOR CREEK PARK SHELTER

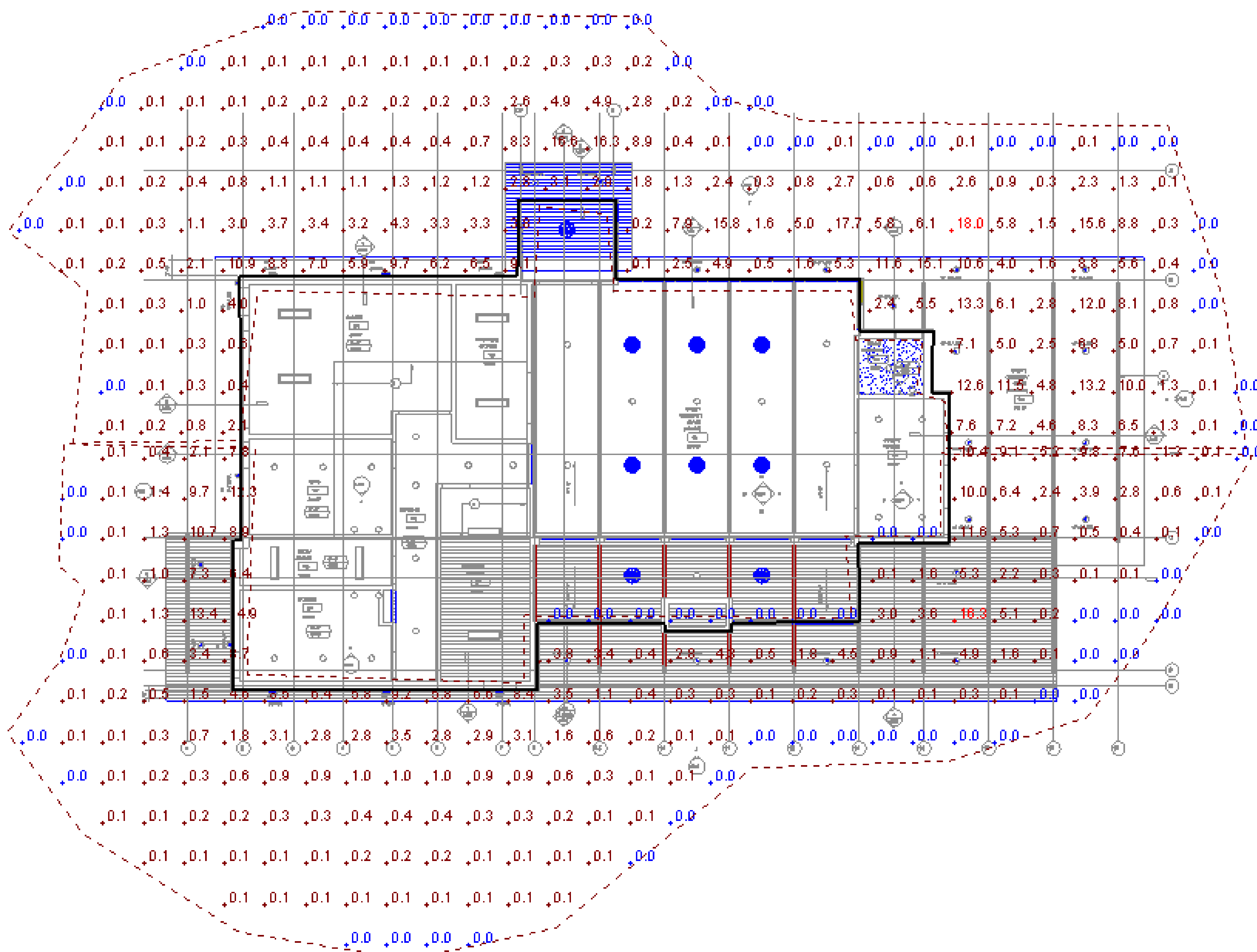
MADISON, WI 53703

EXTERIOR COLOR ELEVATIONS

UDC SUBMITTAL	
Project number	MSN-20-01
Date	01/24/2022

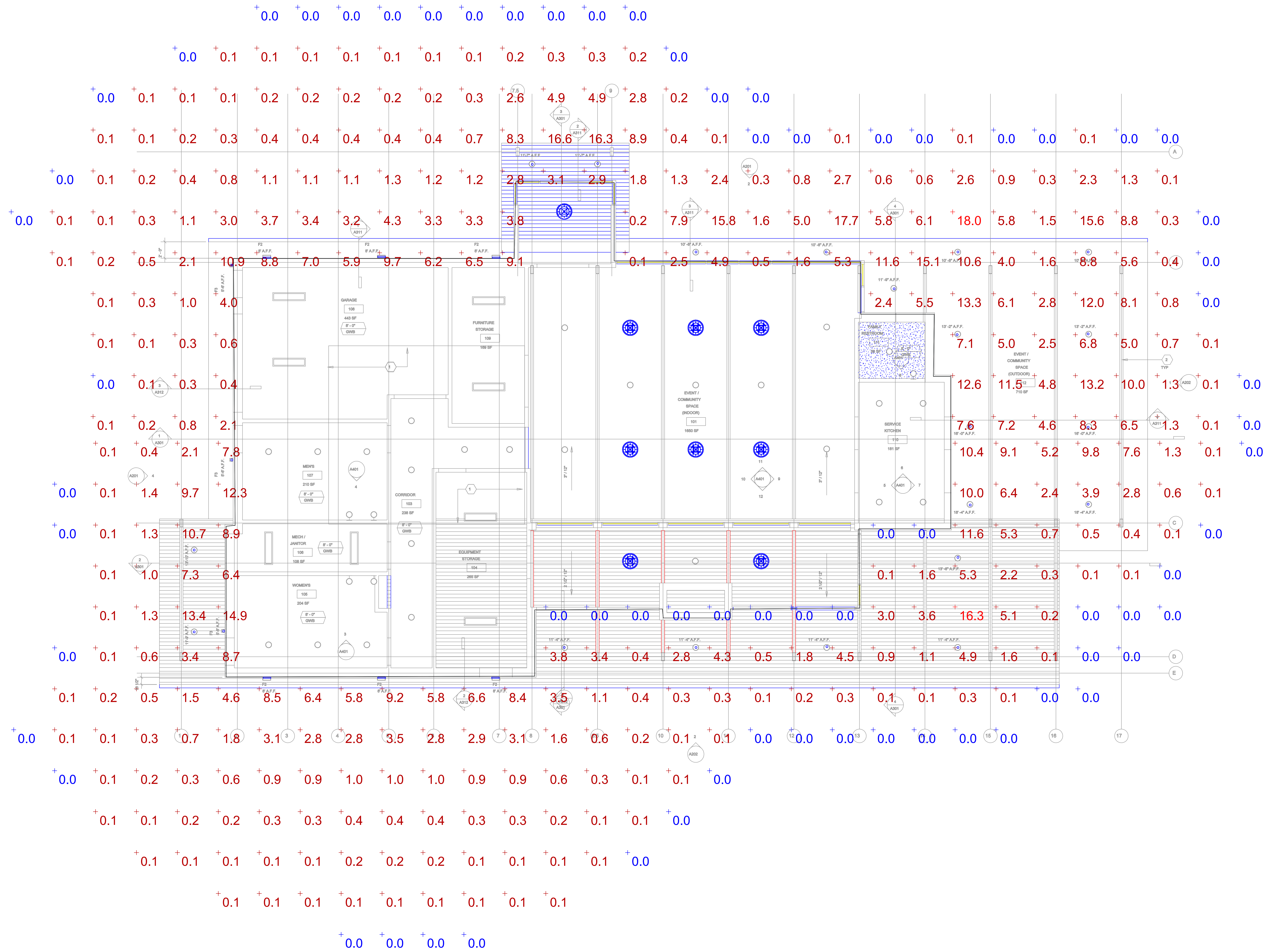
A204

NOT FOR CONSTRUCTION



Schedule											
Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens per Lamp	LLF	Wattage
	F2	6	Brownlee Lighting Inc	7075-12-H16-35K	White enamel aluminum housing, frosted plastic lens enclosure		1	F2 7075-12-H16-35K.ies	1462	1	17.3504
	F3	3	ASL Lighting	CTL LED 1-Light Wall Sconce	CTL		1	F3 CTL.ies	741	1	13.592
	F1m	4	Amerlux, LLC	E2.9RA-HP-A15-20-120/277-FL-3000-83-0-10V/E2.9RA-HP-A15-SDW	Formed steel housing, lower semi specular reflector, no enclosure	One white LED with patterned plastic optic	1	F1 LTL1178253-E2-9RA-HP-A15-20-120-SDW-FL-3000.ies	968	1	19.4509
	F1n	5	Amerlux, LLC	E2.9RA-HP-A15-20-120/277-NF-3000-83-0-10V/E2.9RA-HP-A15-SDW	Formed steel housing, lower semi specular reflector, no enclosure	One white LED with patterned plastic optic	1	F1 LTL1178251-E2-9RA-HP-A15-20-120-SDW-NF-3000.ies	1013	1	19.4507
	F1w	11	Amerlux, LLC	E2.9RA-HP-A15-20-120/277-FL-3000-83-0-10V/E2.9RA-HP-A15-SDW	Formed steel housing, lower semi specular reflector, no enclosure	One white LED with patterned plastic optic	1	F1 LTL1178253-E2-9RA-HP-A15-20-120-SDW-FL-3000.ies	968	1	19.4509

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone Exterior North		2.9 fc	18.0 fc	0.0 fc	N/A	N/A
Calc Zone Exterior South		1.9 fc	16.3 fc	0.0 fc	N/A	N/A



Project:

DOOR CREEK

PARK SHELTER

PHOTOMETRICS

- EXTERIOR

Location:

MADISON WI.

Issuance:

OUTDOOR

LIGHTING

PHOTOMETRICS

V2

Revisions:

#	Date	Description

Date:

01/21/2022

 Project Number:

22.TE1.002

ELECTRICAL

 LIGHTING

 PHOTOMETRICS

 - OUTDOOR

Sheet No.:

E100

Evoke® 2.9"

HP

2.9" Round Adjustables

F1 - BASIS
OF DESIGN



Adjustable/Adjustable Shower

Features

Evoke 2.9 LED fixtures are now available with a higher performance LED module providing 11W, 18W or 20W of lighting power. Featuring the fit, finish and attention to detail of the existing Evoke® line, bringing true performance and control in a fixed downlight, adjustable, wall washer and pinhole. Everything you desire from a small aperture recessed downlight with lumen delivery, energy efficiency, dimming control and color consistency is now a reality in Evoke.

Product Overview

Type:	Recessed Round Adjustable
Wattage:	11, 18, 20
Lumen Output:	1,086 max; 55.8 Lm/W (spot optic, 25° tilt)
CBCP:	6,144 (spot optic, 25° tilt)
Color Temp:	2200K, 2700K, 3000K, 3500K, 4000K
CRI:	83 typ. (2700K, 3000K, 3500K, 4000K) 90+ typ. (2200K, 2700K, 3000K, 3500K, 4000K)
Dimming:	CrispWhite (18W max) & 3K Class A available TRIAC & ELV (120/277VAC) - 5% Dim Lutron Hi-lume® H Series/EcoSystem - 1% dim with soft on, fade to black, 120/277VAC 0-10V (120/277VAC) - 1% Dim DALI dimming - 1% Dim

PROJECT:



Adjustable Trimless

TYPE:

Fixture Type

Round/Square	New Construction	Trim	Trimless
Yes	Yes	Yes	Yes

See separate spec sheets for Square trim fixtures

Shower trim not available in trimless

Performance Chart

Watts	Delivered Lumens	LPW	CBCP	Color Temp
11	597	54.2	3,379	3000K-83
18*	977	54.3	5,530	3000K-83
20*	1,086	55.8	6,144	3000K-83

Data is based on 3000K-83 IES files available on website

Data is Spot optic, 25° tilt. See pages 6-7 for other beam spreads

*2W thermal protector included on 18W & 20W



Pinhole Adjustable

Electrical Data

	11W		18W*		20W*	
	System Watts	Amps	System Watts	Amps	System Watts	Amps
120V	11	0.09	18	0.15	20	0.17
277V	11	0.04	18	0.06	20	0.07

Electronic constant current LED driver

*2W thermal protector included on 18W & 20W



Evolve[®] 2.9" HP

2.9" Round Adjustables



PROJECT:

TYPE:

Housing/Frame Ordering Information

1	2	3	4	5	6	7	8	9
<p>1 <u>Model</u> For New Construction E2.9RA-HP-NC-A17* (New Construction) E2.9RA-HP-CP-A17* (Chicago Plenum (CCEA) housing) E2.9RA-HP-IC-A17* (Insulated Ceiling/air tight, 11W only)</p>	<p>2 <u>Style</u> T - trimmed TL - trimless (not available for use with Grid ceiling)</p>	<p>3 <u>Wattage</u> 11 18 (not available for use with IC housing) 20 (not available for use with IC housing)</p>	<p>4 <u>Voltage</u> 120 277 120/277 (for use with IC housing only)</p>	<p>5 <u>Ceiling Mounting</u> GB - gyb board, 5/8" deep collar GRID - grid, 1" deep collar (not available for use with trimless option) For other, consult factory</p>	<p>6 <u>Beam Spreads</u> For RA Trim: SP - spot, 15° NF - narrow flood, 20° MFL - medium flood, 24° FL - flood, 28° WF - wide flood, 45° VWF - very wide flood, 60° LS - linear spread, 60°x10°</p>	<p>7 <u>Color Temp</u> 83 CRI 27 - 2700K-83 30 - 3000K-83 35 - 3500K-83 40 - 4000K-83</p> <p>90+ CRI 229 - 2200K-90+ 279 - 2700K-90+ 309 - 3000K-90+ 359 - 3500K-90+ 409 - 4000K-90+</p>	<p>8 <u>Driver</u> (for non-dimming, select LE/TE option) LE/TE - TRIAC/ELV dimming HILUME-H-ECO - Lutron Hi-lume[®] H Series, EcoSystem, 1% dim with soft on, fade to black 0-10V - 0-10V dimming, 1% dim DALI - DALI dimming, 1% dim</p>	<p>9 <u>Options</u> HB49 - hanger bars from min 29" to max 49"</p>
<p>For RPA/RASHW Trims: SP - spot, 15° NF - narrow flood, 20° MFL - medium flood, 24° FL - flood, 28° WF - wide flood, 45°</p>								
<p>CRISP - CrispWhite (18W max) 3CLA - 3K Class A</p>								

Trim Ordering Information

1	2	3
<p>1 <u>Model</u> E2.9RA-HP-A17* (Adjustable) E2.9RPA-HP-A17* (Pinhole Adjustable) E2.9RASHW-HP-A17* (Adjustable Shower, not available for use with trimless option)</p>	<p>2 <u>Style</u> T - trimmed TL - trimless (not available for use with Grid ceiling and/or not available for use with Shower trim)</p>	<p>3 <u>Finish</u> For RA/RASHW Trims (Trimmed): SDW - semi-diffuse, white flange SDC - semi-diffuse, clear flange* CLW - specular clear, white flange CLO - specular clear, clear flange* MWW - matte white, white flange *Note: On clear flange, trim finish matches cone finish</p> <p>For RA Trim (Trimless): SD - semi-diffuse CL - specular clear</p> <p>For RPA Trim (Trimmed & Trimless): Faceplate with black baffle MW - matte white</p>

* The "A" refers to the sequential revision in a year and "XX" refers to the year of update. Updates coincide with improved performance while not changing the overall fixture aesthetic and are reflected in the published performance data. Please contact your Amerlux representative for explanations of changes.

Evoke[®] 2.9" HP

2.9" Round Adjustables



PROJECT:

TYPE:

Specifications

Application

Retail and commercial accent lighting

Housing Construction

20 ga. steel painted matte black
Formed aperture plate with 5/8" lip (GB-standard)
Cast aluminum plaster frame with perforated face (for trimless option)
Integral adjustable locking mounting bars
Thermally protected

Reflector Trim Construction

For Adjustable & Adjustable Shower Trim:

Spun aluminum reflector
Variety of anodized aperture finishes in both white and clear flange

Adjustable Shower Trim also contains a clear glass lens and silicone flange gasket

For Pinhole Trim:

Die-cast aluminum faceplate painted matte white
Die-cast knife-edge baffle painted matte black
Spring steel mounting clips

Optical

Cam adjustment mechanism provides lockable 0-40° tilt (0-35° for Pinhole trim); 360° rotation

Beam spreads: Spot, 15°; Narrow Flood, 20°;
Medium Flood, 24°; Flood, 28°; Wide Flood, 45°;
Very Wide Flood, 60°; Linear Spread, 60° x 10°

LED

Color Temp Options:

2200K, 2700K, 3000K, 3500K, 4000K
CRI: 83 typ. (2700K, 3000K, 3500K, 4000K)
90+ typ. (2200K, 2700K, 3000K, 3500K, 4000K)
CrispWhite* LED available, 18W max
Class A** 3000K (high CRI, high gamut)

R9 Values: 11 (83 CRI), 55 (92 CRI)

Binning: 3 MacAdam (SDCM)

Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs

**CrispWhite: CrispWhite Technology delivers the warmth of colors expected from a high 90 CRI solution but also creates the natural crisp white color that is pleasing to the eye. It creates the most impactful lighting ever available, by revealing the richest whites and vibrant colors that pop.*

***Class A LED: Class A LED's have a CRI > 80 and a GAI > 80. CRI defines color "Naturalness" and GAI defines color "Saturation." Both being high delivers rich colors and pure whites.*

Electrical

Wattage: 11, 18, 20

Electronic constant current LED driver, 120/277VAC input (voltage specific TP on 18W & 20W)

This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Amerlux® recommends using additional surge protection with this unit (supplied by others), surge and over voltage damage is not covered under warranty.

Drivers

LE/TE - Leading Edge, TRIAC, forward phase/Trailing Edge, ELV, reverse phase

0-10V, Lutron and DALI systems also available

See pages 8-9 for more dimming information

Finish (Trim)

Wet paint

Mounting

26" Hanger bars included

Optional **HB49** - hanger bars from min 29" to max 49" available

For Trimmed fixture:

GRID: 1" deep aperture collar

GB (gyp board): 5/8" deep aperture collar

Extra thick ceiling ring available for ceilings over 1" thick, consult factory

Note: Tilt adjustment reduced to 30° (15° for Pinhole trim) in ceilings 1-1/4" thick

For Trimless fixture:

For use in sheetrock ceilings, ceiling thickness 5/8"

Consult factory for other ceiling thicknesses or for use in millwork ceilings

Certifications

CSA damp as tested to UL 1598 standards

Damp location

IC/AT (insulated ceiling/air tight) rated, 11W only, optional

Warranty

5 year limited warranty

Evoke® 2.9" HP

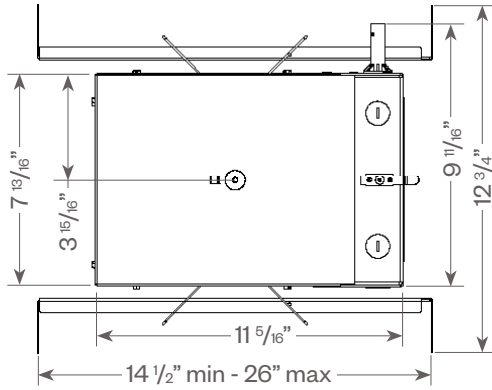
2.9" Round Adjustables



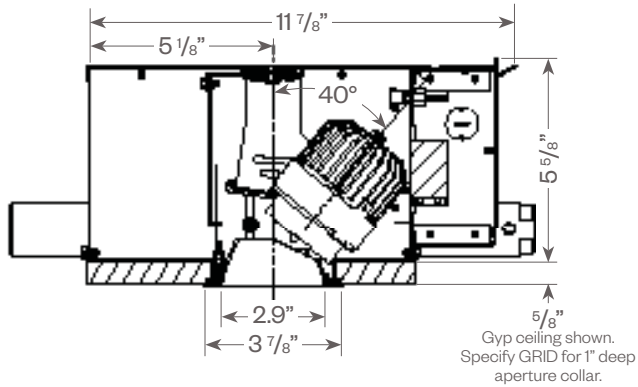
PROJECT:

TYPE:

Evoke HP Round Adjustables:

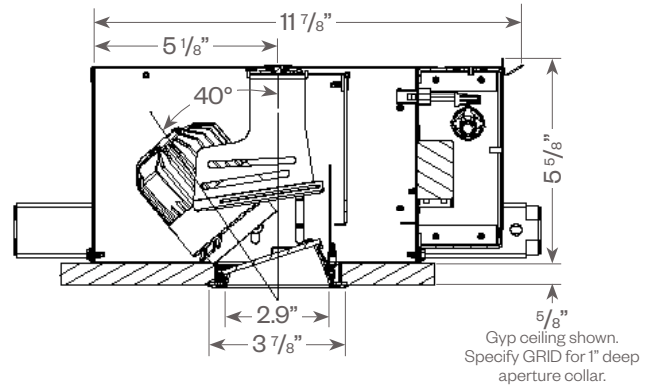


Adjustable



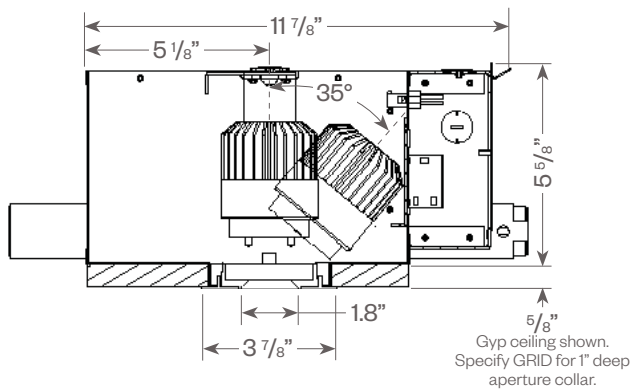
Ceiling cut out: 3 7/16" dia.

Adjustable Shower



Ceiling cut out: 3 7/16" dia.

Pinhole Adjustable



Ceiling cut out: 3 7/16" dia.

Evoke[®] 2.9" HP

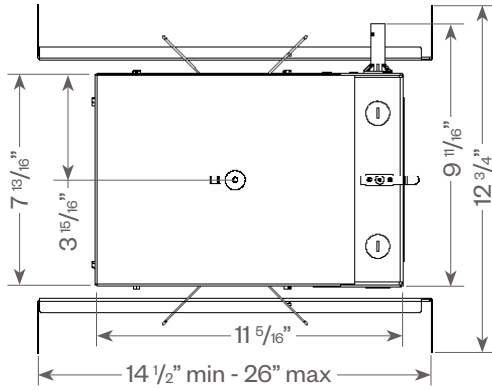
2.9" Round Adjustables



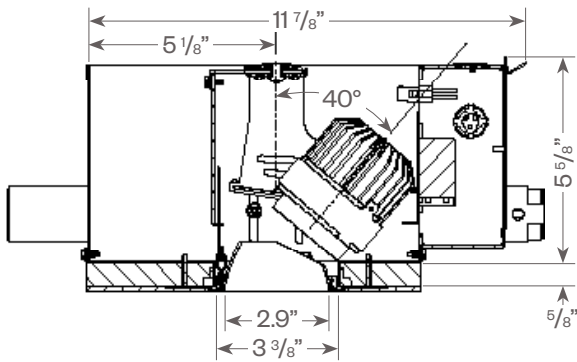
PROJECT:

TYPE:

Evoke HP Round Adjustables Trimless:

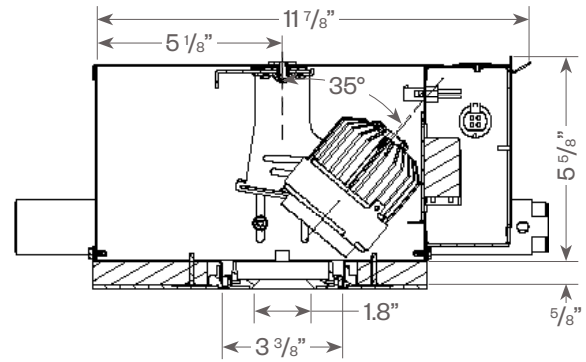


Adjustable Trimless



Ceiling cut out: 4 1/16" dia.

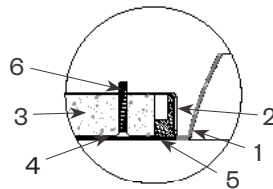
Pinhole Adjustable Trimless



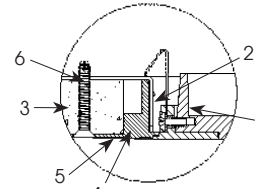
Ceiling cut out: 4 1/16" dia.

Plaster Frame Installation Detail (for trimless fixture only)

1. Reflector Trim
2. Aperture plate
3. Ceiling 5/8"
4. Cast Aluminum Plaster Frame
5. Plaster Skim Coat (by others)
6. 6-32 Type F Thread Cutting Screw



Adjustable



Pinhole

Evolve[®] 2.9" HP

2.9" Round Adjustables



PROJECT:

TYPE:

Evolve HP Round Adjustable:

FIXTURE DATA: (Complete photometric data (.ies format) available upon request)

MULTIPLYING FACTORS: (Multiplying Factor is based on 3000K-83 120V IES file on website)

Wattage:	11W	18W	20W
Factor:	0.55	0.9	1.0

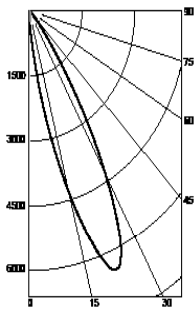
CCT:	2700K-83	3000K-83	3500K-83	4000K-83
Factor:	0.96	1.0	1.02	1.04

CCT:	2200K-90+	2700K-90+	3000K-90+	3500K-90+	4000K-90+	CRISP*	3CLA
Factor:	0.71	0.80	0.83	0.87	0.90	0.65	0.75

* Not available for use with 20W

20W LED, 3000K

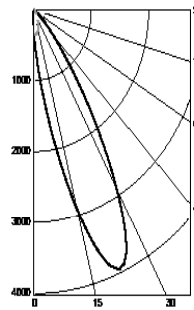
Spot (SP) Distribution, 15°
LTL #1178250
Lumens: 1,086



Candelas at Nadir

Deg	Candela
0	231
5	586
15	4328
20	6141
25	6144
35	2023
45	269

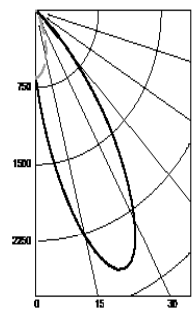
Narrow Flood (NF) Distribution, 20°
LTL #1178251
Lumens: 1,013



Candelas at Nadir

Deg	Candela
0	364
5	781
15	2882
20	3812
25	3825
35	1749
45	358

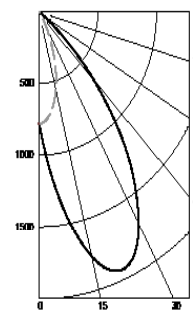
Flood (FL) Distribution, 28°
LTL # 1178253
Lumens: 968



Candelas at Nadir

Deg	Candela
0	657
5	1097
15	2287
20	2663
25	2698
35	1783
45	578

Wide Flood (WF) Distribution, 45°
LTL # 1178254
Lumens: 914

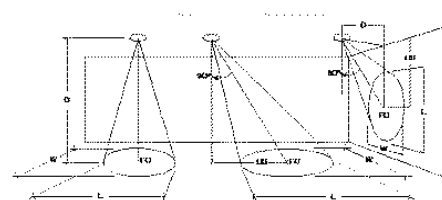


Candelas at Nadir

Deg	Candela
0	783
5	1120
15	1775
20	1925
25	1901
35	1413
45	640

Application Data:

	25° Aiming Angle Horizontal Footcandles					25° Aiming Angle Vertical Footcandles				
	D	FC	L	W	CB	D	FC	L	W	CB
Spot	5.0'	228	1.9	2.2	2.0	3.0'	52	4.4	3.0	5.5
	7.5'	98	2.8	3.3	3.0	4.0'	30	5.9	3.8	7.5
	10.0'	54	3.8	4.5	4.0	5.0'	20	7.4	4.7	9.5
	12.5'	35	4.8	5.6	5.0	6.0'	14	8.8	5.5	10.5
Narrow Flood	5.0'	126	2.3	3.0	2.0	3.0'	37	4.6	3.4	5.5
	7.5'	56	3.4	4.3	3.0	4.0'	21	6.1	4.6	6.5
	10.0'	32	4.5	5.7	4.0	5.0'	14	7.6	5.6	8.5
	12.5'	20	5.6	7.2	5.0	6.0'	10	9.2	6.7	10.5
Flood	5.0'	87	3.0	3.1	2.0	3.0'	33	3.3	4.4	4.5
	7.5'	39	4.5	4.7	3.0	4.0'	20	5.6	4.3	5.5
	10.0'	22	5.9	6.2	4.0	5.0'	13	7.1	5.3	7.5
	12.5'	14	7.4	7.7	4.0	6.0'	9	8.5	6.3	8.5
Wide Flood	5.0'	62	3.6	3.6	2.0	3.0'	26	4.3	3.5	4.5
	7.5'	29	5.2	5.2	2.0	4.0'	16	5.5	4.5	5.5
	10.0'	16	6.8	7.0	3.0	5.0'	11	6.8	5.5	6.5
	12.5'	11	8.6	8.9	4.0	6.0'	8	8.2	6.6	7.5



Notes and Definitions:

Beam spread is to 50% center beam candlepower (CBCP).

D=Distance to floor or wall.

FC=Footcandles on floor or wall at center beam aiming location.

L=Effective Visual Beam length in feet (50% of maximum footcandle level).

W=Effective Visual Beam width in feet (50% of maximum footcandle level).

CB=Distance across or down to center beam location.

Evoke® 2.9" HP

2.9" Round Adjustables



PROJECT:

TYPE:

Evoke HP Round Pinhole Adjustable:

FIXTURE DATA: (Complete photometric data (.ies format) available upon request)

MULTIPLYING FACTORS: (Multiplying Factor is based on 3000K-83 120V IES file on website)

Wattage:	11W	18W	20W
Factor:	0.55	0.9	1.0

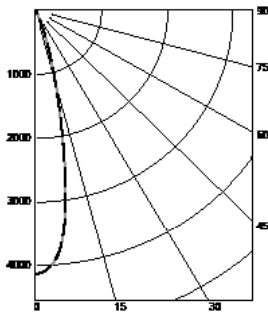
CCT:	2700K-83	3000K-83	3500K-83	4000K-83
Factor:	0.96	1.0	1.02	1.04

CCT:	2200K-90+	2700K-90+	3000K-90+	3500K-90+	4000K-90+	CRISP*	3CLA
Factor:	0.71	0.80	0.83	0.87	0.90	0.65	0.75

* Not available for use with 20W

20W LED, 3000K

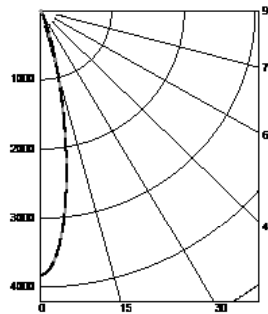
Spot (SP) Distribution, 15°
LTL #1178265
Lumens: 745



Candelas at Nadir

Deg	Candela
0	4131
5	3867
15	1199
25	110
35	7
45	1

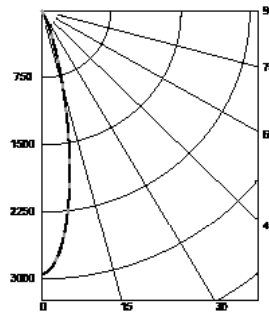
Narrow Flood (NF) Distribution, 20°
LTL #1178266
Lumens: 599



Candelas at Nadir

Deg	Candela
0	3828
5	3291
15	921
25	108
35	9
45	1

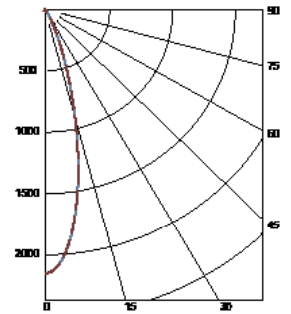
Medium Flood (MFL) Distribution, 24°
LTL # 1178267
Lumens: 562



Candelas at Nadir

Deg	Candela
0	2945
5	2608
15	932
25	141
35	11
45	1

Flood (FL) Distribution, 28°
LTL # 1178268
Lumens: 533



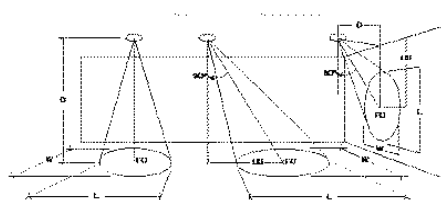
Candelas at Nadir

Deg	Candela
0	2151
5	1964
15	919
25	196
35	17
45	2

Application Data:



	D	FC	L	W
Spot	5.0'	135	2.3	2.3
	7.5'	68	3.2	3.2
	10.0'	39	4.1	4.1
	12.5'	26	5.1	5.1
Narrow Flood	5.0'	113	2.1	2.1
	7.5'	59	3.0	3.0
	10.0'	35	3.7	3.7
	12.5'	23	4.7	4.7
Medium Flood	5.0'	91	2.4	2.4
	7.5'	46	3.2	3.2
	10.0'	27	4.1	4.1
	12.5'	18	5.1	5.1
Flood	5.0'	70	2.6	2.6
	7.5'	35	3.6	3.6
	10.0'	20	4.8	4.8
	12.5'	13	5.9	5.9



Notes and Definitions:

Beam spread is to 50% center beam candlepower (OBCP).

D=Distance to floor or wall.

FC=Footcandles on floor or wall at center beam aiming location.

L=Effective Visual Beam length in feet (50% of maximum footcandle level).

W=Effective Visual Beam width in feet (50% of maximum footcandle level).

CB=Distance across or down to center beam location.

Evoke® 2.9" HP

2.9" Round Adjustables



PROJECT:

TYPE:

DIMMING COMPATIBILITY:

Amerlux® Evoke fixtures are compatible with all major dimming protocols prevalent in the United States. Please see below for general compatibilities and wiring diagrams. Amerlux recommends testing your unique dimming configuration as the exact full configuration (Dimmer, Fixture Quantity, Voltage, etc) may affect dimming performance.

--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---

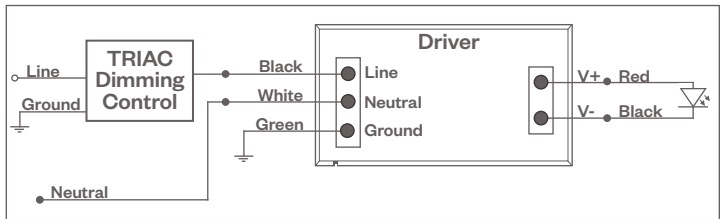
TRIAC (Forward Phase) DIMMING (Standard)

Utilizes "Standard" incandescent dimmers that are in wide use in installations across the US. Best for retrofit applications where TRIAC dimmers are installed.

Notes:

- 120VAC or 277VAC*
- Dims down to less than 5% light output (most cases)
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!
- Must meet dimmer Minimum Load Requirements per dimming manufacturer

TRIAC Wiring Diagram



Compatible Dimmers†:

Wall Box (Incandescent Style, Wattage as required)		Central System
Lutron "Diva"	Lutron "Vareo"	Lutron "GP" Panel
Lutron "Nova-T"	Lutron "Skylark"	Lutron Grafik Eye QS
Lutron "Maestro"		

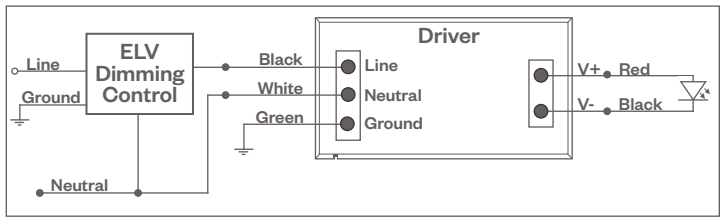
ELV - Electronic Low Voltage (Reverse Phase) DIMMING (Standard)

Utilizes specialized "ELV" dimmers.

Notes:

- 120VAC or 277VAC*
- Dims down to less than 5% light output (most cases)
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!
- Must meet dimmer Minimum Load Requirements

ELV Wiring Diagram



Compatible Dimmers†:

Wall Box (ELV Style)		Central System
Lutron "Diva"	Leviton "Surslide"	Lutron "GP" Panel with PHPM-PA Interface
Lutron "Nova-T"	Leviton "Vizio"	Lutron Grafik Eye QS with PHPM-PA Interface
Lutron "Maestro"		
Lutron "Vareo"		
Lutron "Skylark"		

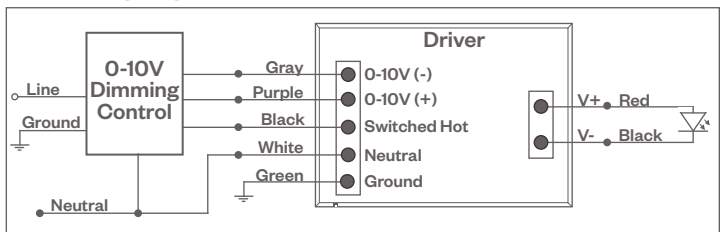
0-10V - DIMMING (-0-10V Option)

Integrates into a variety of building management and daylighting controls

Notes:

- 120VAC or 277VAC*
- Dims down to 1% light output
- Requires interface to turn off power to driver
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!

0-10V Wiring Diagram



Compatible Dimmers†:

Wall Box	Central System
Lutron "Diva" - DVTV with PP-120H Interface	Leviton Renoir II 0-10V
	Lutron Grafik Eye with GRX-TVI Interface

Notes:

* Driver is 277VAC dimmable with appropriate dimmer (by others). All provided wiring diagrams show 120VAC wiring colors and method. Please refer to 277VAC dimmer installation instructions for 277VAC wiring diagrams.

† The absence of a dimmer from the lists above does not imply incompatibility. Please consult factory for compatibility inquiries.

Evoke[®] 2.9" HP

2.9" Round Adjustables



PROJECT:

TYPE:

DIMMING COMPATIBILITY:

Amerlux[®] Evoke fixtures are compatible with all major dimming protocols prevalent in the United States. Please see below for general compatibilities and wiring diagrams. Amerlux recommends testing your unique dimming configuration as the exact full configuration (Dimmer, Fixture Quantity, Voltage, etc) may affect dimming performance.

--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---

LUTRON H-SERIES / ECOSYSTEM (-HILUME-H-ECO Option)

Integrates into Lutron EcoSystem building management

Notes:

- 120VAC or 277VAC*
- Dims down to 1% light output
- EcoSystem Control
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!

Compatible Dimmers†:

Lutron ECO System

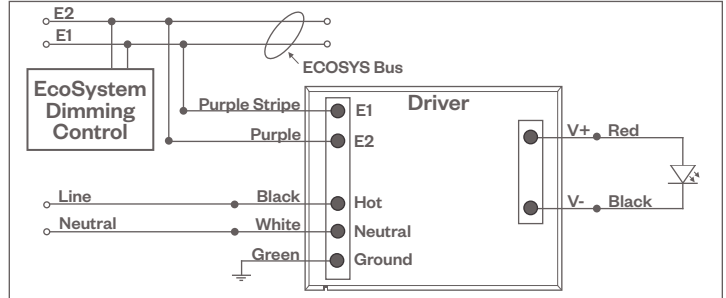
Pow Pak Dimming Modules
Energi Savr Node
Grafik Eye QS/Homeworks
QS Control Unit
Quantum Hub
Homeworks QS/My Room

Central System

Lutron EcoSystem compatible controls

HILUME-H-ECO, HILUME-5-ECO

EcoSystem Digital Control Wiring Diagram



DALI DIMMING (-DALI OPTION)

Digital control protocol allows individual fixture control

Notes:

- 120VAC - 277VAC*
- Dims down to 1% light output in most cases

Compatible Dimmers†:

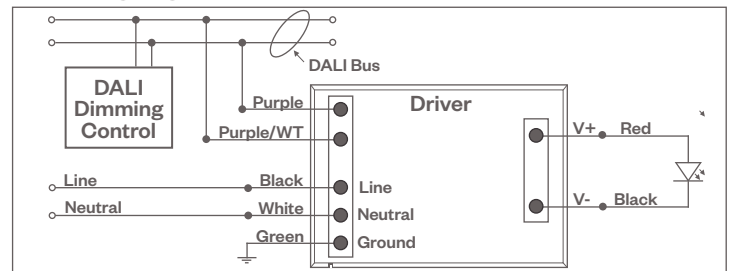
Wall Box (3-Wire Fluorescent)

Leviton CD250 Controller

Central System

Dynalite
Fifth Light

DALI Wiring Diagram



Notes:

* Driver is 277VAC dimmable with appropriate dimmer (by others). All provided wiring diagrams show 120VAC wiring colors and method. Please refer to 277VAC dimmer installation instructions for 277VAC wiring diagrams.

† The absence of a dimmer from the lists above does not imply incompatibility. Please consult factory for compatibility inquiries.



7075-12" in Textured Black (TB)



7075-24" in Textured Black (TB)

7075 LED

The BRICK-OD (outdoor) is a minimal, clean and contemporary exterior sconce with exceptional versatility: Three ADA compliant sizes (8", 12" and 24"), single direction LED distribution, and three finishes to choose from. Perfect for exterior facades, entryways, columns, and breezeways. Since this is a wet-listed unit, it can also be used in healthcare applications requiring durable luminaires which can be wiped down. Available with integral battery backup.

FINISHES



BRICK-OD [OUTDOOR]

STANDARD SPECIFICATIONS - SINGLE DIRECTION DISTRIBUTION (7075)

OUTER FRAME & MOUNT PLATE

Formed and welded aluminum. Countersunk fasteners located on top of fixture. No exposed hardware on sides or bottom of fixture. Closed cell foam gasket on rear mount plate.

DIFFUSER

UV stabilized frosted acrylic diffuser. Smooth uniform illumination.

LED PERFORMANCE - 3500K STANDARD

120-277V - 3500K, 82 CRI - L80 rating - 60,000 hrs - L70 rating (projected) - 100,000 hrs
Amperage rated @ 110V input
Operating ambient temperature: -20°C / -4°F - 60°C / 140°F

Delivered 3500K lumens noted. Consult Brownlee.com for performance of all CCTs.

08 Size: C13 - 13W nominal, .10 A input - 1210 lm. Dimmable (0-10V).

12 Size: H08 - 8W nominal, .07 A input - 735 lm. Dimmable (0-10V).

12 Size: H16 - 16W nominal, .14 A input - 1465 lm. Dimmable (0-10V).

12 Size: H21 - 21W nominal, .18 A input - 1700 lm. Dimmable (0-10V).

24 Size: H16 - 16W nominal, .14 A input - 1710 lm. Dimmable (0-10V).

24 Size: H32 - 32W nominal, .27 A input - 3205 lm. Dimmable (0-10V).

24 Size: H41 - 41W nominal, .35 A input - 3965 lm. Dimmable (0-10V).

MOUNTING

Fixture mounts to a 4x4 junction box (by others).
Wet-listed in the downward orientation only
(light source facing down).

FINISH

Durable corrosion resistant powder coat finish.
Custom colors available, contact factory.

WARRANTY

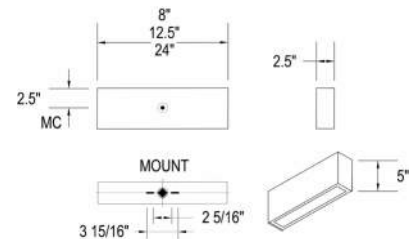
5 year limited warranty on this LED product.
Consult factory for details.

PROJECT:
MODEL #:
FIXTURE TYPE:



12" in Textured Black (TB)

Integral Battery Backup
Refer to options section



WET



ORDERING INFORMATION

7075

Model 2. 3. 4. 5. 6.

2. SIZE

08 L: 08"
12 L: 12"
24 L: 24"

3. FINISH

TB Textured Black
TG Textured Grey
TW Textured White

Note: TB, TG, TW are ultra fine textured matte finishes. Contact your local representative for color swatches.

ANTIMICROBIAL

Antimicrobial finishes available in a select number of finishes. Contact factory for availability.

4. WATTAGE

08 SIZE
C13 13W C Series LED

12 SIZE
H08 08W H Series LED
H16 16W H Series LED
H21 21W H Series LED

24 SIZE
H16 16W H Series LED
H32 32W H Series LED
H41 41W H Series LED

5. COLOR TEMPERATURE

35K 3500K color temperature
27K 2700K color temperature (C Series Only)
30K 3000K color temperature
40K 4000K color temperature

6. AVAILABLE OPTIONS

90R⁰ 90 CRI (3000K only)
BAC¹ Buy American Compliant
BBI² Integral Battery Backup - 10W (32F minimum)
BBC² Integral Battery Backup, Cold Weather - 15W (-4F minimum) (24 Size Only)
DTR⁴ Triac (Line Voltage) Dimming (120V)
ES⁶ ENERGY STAR® (All except H08, H21, H41)
FCL⁷ French Canadian Label

Notes: (0) **90R** - cannot be combined with ES. (1) **BAC** - cannot be combined with FCL. (2) **BBI/BBS/BBC** - cannot be combined with ECW, EXT, or T24. (3) **BLD** - includes integral OCC sensor (do not combine with OCC option). Cannot be combined with DTR or T24. (4) **DTR** - cannot be combined with BLD or T24. (5) **ECW** - cannot be combined with BBI, BBC, or DTR. (6) **ES** - cannot be combined with 90R or T24. (7) **FCL** - cannot be combined with BAC or T24. (8) **OCC** - integral ON/OFF occupancy sensor. (9) **T24** - includes JA8 labeling and 90 CRI LEDs (do not combine with 90R option). Cannot be combined with BBI, BBC, BBS, BLD, DTR, ES, or FCL. (10) **BBS** - cannot be combined with BLD, ECW, EXT, OCC, or T24. (11) **PCH/PC4** - cannot be combined with BLD or OCC.
Add'l Notes: ***BBI/BBS/BBC** - standard BBI (and BBS) option has a minimum operating temperature of 10C/50F. BBC option has a minimum operating temperature of -20C/-4F. ****BLD** - integral OCC sensor with onboard control. 1: Motion is detected, illuminate to 100%. 2: Motion no longer detected, dim to 50% (factory default), 30%, 20% or 10%. 3: Remain in continuous dimmed state (factory default) or turn off after set period.

Specifications and dimensions subject to change without notice.

Consult your Brownlee Lighting representative for availability and ordering information.



MODEL #
CTQC

TECHNICAL SPECIFICATION



MODEL #:	WATTAGE:	VOLTAGE:	KELVIN:	SIZE:
TECHNOLOGY:	ACCESSORIES:			
PROJECT:	NOTES:			
TYPE:	AREA:			

F3 - BASIS OF DESIGN

FEATURES

PRODUCT IMAGE

APPLICATION

- Cylinder
- Outdoor
- Up / Down
- Wet



LOCATION

- Wet



LIGHT PROPERTIES

Available Kelvin Options:

3000K SOFT WHITE	4000K COOL WHITE
---------------------	---------------------

LED CHIPS USED
LG/NICHIA/SAMSUNG

TESTED
LM80 AND
LM82

CRI
80+

LIFE HOURS
50,000

WATTAGE

19

VOLTAGE

Standard:

ND - 120V NON DIMMABLE

DV - 120V/277V NON DIMMABLE



ASL LIGHTING

725 East state St. Trenton, NJ 08609 | info@aslightng.com | www.aslighting.com

TOLL FREE: 800-1101-1101 | LOCAL: 718-369-1100 | Shipping & Receiving: 322 Monmouth Street, Trenton, NJ, 08609

Specifications and dimensions are subject to change without notice / Consult your ASL lighten representative.

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Approval upon request

STANDARD OPTIONS

STANDARD BASE CONSTRUCTION

Cast Aluminum



STANDARD LENS

Clear

STANDARD FINISH

Black

MODEL #CTQC ORDER FORM

WATTAGE	VOLTAGE	KELVIN	SIZE
W19 - 19	Standard Voltage: ND - 120V NON DIMMABLE DV - 120V/277V NON DIMMABLE	 30K  40K	H12 - H12 X W4.5 X E6.5

Not seeing what you're looking for? Contact us to discuss more options.



ASL LIGHTING

725 East state St. Trenton, NJ 08609 | info@aslightng.com | www.aslighting.com

TOLL FREE: 800-1101-1101 | LOCAL: 718-369-1100 | Shipping & Receiving: 322 Monmouth Street, Trenton, NJ, 08609

Specifications and dimensions are subject to change without notice / Consult your ASL lighten representative.

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Approval upon request



CITY OF MADISON LANDSCAPE WORKSHEET

Section 28.142 Madison General Ordinance

Project Location / Address 7035 Littlemore Dr., Madison, WI
 Name of Project Door Creek Park Shelter Project
 Owner / Contact City of Madison Parks Division, Mike Sturm - Project
 Contact Phone 608-267-4921 Contact Email msturm@cityofmadison.com

**** Landscape plans for zoning lots greater than ten thousand (10,000) square feet in size MUST be prepared by a registered landscape architect. ****

Applicability

The following standards apply to all exterior construction and development activity, including the expansion of existing buildings, structures and parking lots, except the construction of detached single-family and two-family dwellings and their accessory structures. The entire development site must be brought up to compliance with this section unless **all** of the following conditions apply, in which case only the affected areas need to be brought up to compliance:

- (a) The area of site disturbance is less than ten percent (10%) of the entire development site during any ten-(10) year period.
- (b) Gross floor area is only increased by ten percent (10%) during any ten-(10) year period.
- (c) No demolition of a principal building is involved.
- (d) Any displaced landscaping elements must be replaced on the site and shown on a revised landscaping plan.

Landscape Calculations and Distribution

Required landscaped areas shall be calculated based upon the total developed area of the property. Developed area is defined as that area within a single contiguous boundary which is made up of structures, parking, driveways and docking/loading facilities, but excluding the area of any building footprint at grade, land designated for open space uses such as athletic fields, and undeveloped land area on the same zoning lot. There are three methods for calculating landscape points depending on the size of the lot and Zoning District.

- (a) For all lots except those described in (b) and (c) below, five (5) landscape points shall be provided for each three hundred (300) square feet of developed area.

Total square footage of developed area 14,600 sf (does not include 4,000 sf building footprint)

Total landscape points required 243 points

- (b) **For lots larger than five (5) acres**, points shall be provided at five (5) points per three hundred (300) square feet for the first five (5) developed acres, and one (1) point per one hundred (100) square feet for all additional acres.

Total square footage of developed area _____

Five (5) acres = 217,800 square feet

First five (5) developed acres = 3,630 points

Remainder of developed area _____

Total landscape points required _____

- (c) **For the Industrial – Limited (IL) and Industrial – General (IG) districts**, one (1) point shall be provided per one hundred (100) square feet of developed area.

Total square footage of developed area _____

Total landscape points required _____

Tabulation of Points and Credits

Use the table to indicate the quantity and points for all existing and proposed landscape elements.

Plant Type/ Element	Minimum Size at Installation	Points	Credits/ Existing Landscaping		New/ Proposed Landscaping	
			Quantity	Points Achieved	Quantity	Points Achieved
Overstory deciduous tree	2½ inch caliper measured diameter at breast height (dbh)	35	3	105		
Tall evergreen tree (i.e. pine, spruce)	5-6 feet tall	35				
Ornamental tree	1 1/2 inch caliper	15	5	75		
Upright evergreen shrub (i.e. arborvitae)	3-4 feet tall	10				
Shrub, deciduous	#3 gallon container size, Min. 12”-24”	3	42	126		
Shrub, evergreen	#3 gallon container size, Min. 12”-24”	4				
Ornamental grasses/ perennials	#1 gallon container size, Min. 8”-18”	2				
Ornamental/ decorative fencing or wall	n/a	4 per 10 lineal ft.				
Existing significant specimen tree	Minimum size: 2 ½ inch caliper dbh. *Trees must be within developed area and cannot comprise more than 30% of total required points.	14 per caliper inch dbh. Maximum points per tree: 200				
Landscape furniture for public seating and/or transit connections	* Furniture must be within developed area, publically accessible, and cannot comprise more than 5% of total required points.	5 points per “seat”				
Sub Totals						

Total Number of Points Provided 306

* As determined by ANSI, ANLA- American standards for nursery stock. For each size, minimum plant sizes shall conform to the specifications as stated in the current American Standard for Nursery Stock.