



# URBAN DESIGN COMMISSION APPLICATION CITY OF MADISON

This form may also be completed online at:

<http://www.cityofmadison.com/planning/documents/UDCApplication.pdf>

215 Martin Luther King Jr. Blvd; Room LL-100

PO Box 2985; Madison, Wisconsin 53701-2985

Phone: 608.266.4635 | Facsimile: 608.267.8739

Please complete all sections of the application, including the desired meeting date and the type of action requested.

Date Submitted: <u>12-20-16</u>	<input type="checkbox"/> Informational Presentation
UDC Meeting Date: <u>1-11-17</u>	<input checked="" type="checkbox"/> Initial Approval
Combined Schedule Plan Commission Date (if applicable): _____	<input checked="" type="checkbox"/> Final Approval

1. Project Address: 2101 FISHER STREET  
 Project Title (if any): PENN PARK SHELTER RENOVATION AND CONCESSION/RESTROOM BUILDING

2. This is an application for (Check all that apply to this UDC application):

☐ New Development ☐ Alteration to an Existing or Previously-Approved Development

## A. Project Type:

- ☐ Project in an Urban Design District\* (public hearing-\$300 fee)  
☐ Project in the Downtown Core District (DC) or Urban Mixed-Use District (UMX) (\$150 fee, Minor Exterior Alterations)  
☐ Suburban Employment Center (SEC) or Campus Institutional District (CI) or Employment Campus District (EC)  
☐ Planned Development (PD)  
☐ General Development Plan (GDP)  
☐ Specific Implementation Plan (SIP)  
☐ Planned Multi-Use Site or Planned Residential Complex

AGENDA ITEM #  
 LEGISTAR # 15519  
 ALD. DIST. 14

CITY OF MADISON

DEC 20 2016

## B. Signage:

- ☐ Comprehensive Design Review\* (public hearing-\$300 fee) ☐ Street Graphics Variance (public hearing-\$300 fee)  
☐ Signage Exception(s) in an Urban Design District (public hearing-\$300 fee)

Planning & Community  
& Economic Development

## C. Other:

☐ Please specify: \_\_\_\_\_

## 3. Applicant, Agent & Property Owner Information:

Applicant Name: MIKE STURM  
 Street Address: 210 MARTIN LUTHER KING JR  
 Telephone: (608) 267-4921 Fax: ( )

Company: PARKS DIVISION  
 City/State: MADISON WI Zip: 53701  
 Email: MSTURM@CITYOFMADISON.COM

Project Contact Person: SKMR  
 Street Address: \_\_\_\_\_  
 Telephone: ( ) Fax: ( )

Company: \_\_\_\_\_  
 City/State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Email: \_\_\_\_\_

Project Owner (If not applicant): PARKS DIVISION  
 Street Address: SKMR  
 Telephone: ( ) Fax: ( )

City/State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Email: \_\_\_\_\_

## 4. Applicant Declarations:

A. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with AL MARTIN on 11/21/16.  
(name of staff person) (date of meeting)

B. The applicant attests that all required materials are included in this submittal and understands that if any required information is not provided by the application deadline, the application will not be placed on an Urban Design Commission agenda for consideration.

Name of Applicant MIKE STURM Relationship to Property Agent  
 Authorized Signature [Signature] Date 12-20-16



## Madison Parks Division

210 Martin Luther King, Jr. Blvd., Room 104  
Madison, WI 53703  
608-266-4711 • [cityofmadison.com/parks](http://cityofmadison.com/parks)

*play*  
**MADISON  
PARKS**

December 20, 2016

Dept. of Planning and Community and Economic Development  
Attn: Al Martin  
215 Martin Luther King J. Blvd  
Madison, WI 53701

### Urban Design Commission Submittal

Penn Park Shelter Renovation and Concession/Restroom Building  
2101 Fisher Street  
Madison, WI

#### Project Overview:

The City of Madison Parks Division is renovating the existing shelter at Penn Park. The shelter was originally constructed in the late 1960's and is comprised of a large, concrete canopy supported by four columns. The existing restrooms are located in a free-standing concrete structure situated under the canopy. The restrooms are no longer ADA compliant and cannot be readily modified due to their construction. The covered floor area of the shelter is surrounded by 30" high concrete walls that limit visual access and confine shelter entry to three, ramped locations. Over time the shelter has seen reduced use for park functions and was initially scheduled for full replacement in 2016.

Based on neighborhood input received during three, well-attended public meetings, the Parks Division proposes to renovate the existing shelter by removing the existing wing walls and bunker-like restrooms from the 1960's structure to create a more welcoming and versatile shelter space. New restroom facilities will be provided in a free-standing building that includes a food preparation area and concession window. The project also includes the replacement of the existing parking lot to improve auto circulation and the addition of bike parking near the shelter.

Please see the attached project materials for review.

Regards,

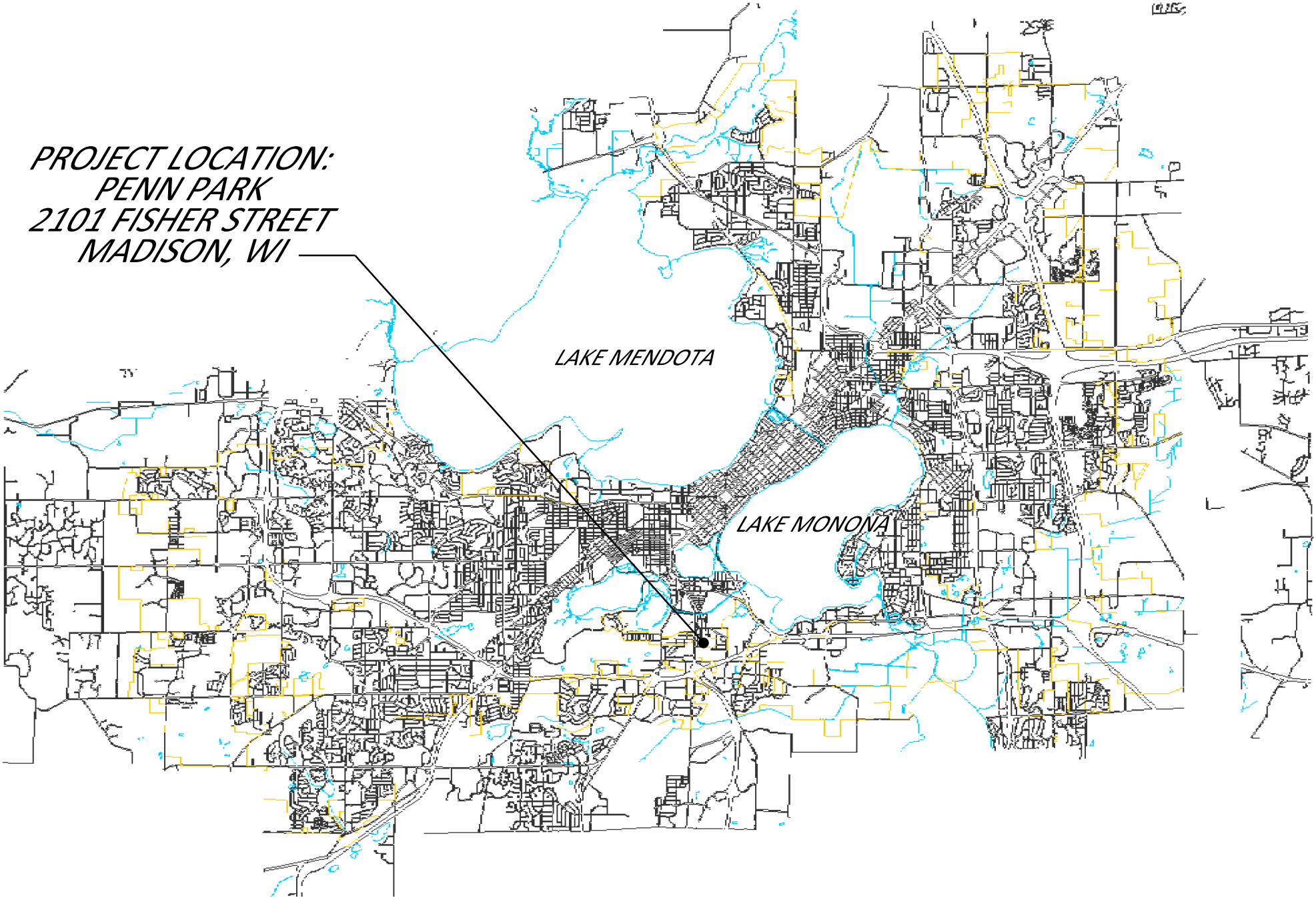
Mike

Mike Sturm, LEED AP  
Landscape Architect  
Parks Division, City of Madison  
City-County Building, Suite 104  
210 Martin Luther King Jr. Blvd  
Madison, WI 53703

(608) 267-4921 office

*play*  
**MADISON  
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# PENN PARK SHELTER RENOVATION AND CONCESSION/RESTROOM BUILDING



PROJECT LOCATION:  
PENN PARK  
2101 FISHER STREET  
MADISON, WI

City of Madison  
Department of Public Works  
**PARKS DIVISION**  
City-County Building, Suite 104  
210 Martin Luther King, Jr. Blvd.  
PO Box 2987  
Madison, WI 53701-2987  
*play*  
**MADISON  
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PROJECT: *PENN PARK  
SHELTER RENOVATION  
AND  
CONCESSION/RESTROOM  
BUILDING*

*PENN PARK  
2101 FISHER STREET  
MADISON, WI*

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
Drawn by: MS	12-19-2016

PUBLIC WORKS PROJECT #:

SHEET TITLE:

SHEET NUMBER:

Penn Park Shelter Renovation and Concession/Restroom Building									
Sheet Schedule									
L-1	Existing Site Plan			A4	Shelter Renovation - Elevations				
L-2	Existing Site Photos			A5	Shelter Renovation - Elevations				
L-3	Existing Shelter Photos			B1	Concession/Restroom Building - Floor Plan				
L-4	Site Layout Plan			B2	Concession/Restroom Building - Elevations				
L-5	Site Grading Plan			B3	Concession/Restroom Building - Elevations				
L-6	Site Landscape Plan				Building Perspectives (5)				
A1	Shelter Renovation - Demo Plan			SL100	Photometric Plan				
A2	Shelter Renovation - Demo Elevations				Luminaire Cut Sheets (3)				
A3	Shelter Renovation - Floor Plan								

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Department of Public Works  
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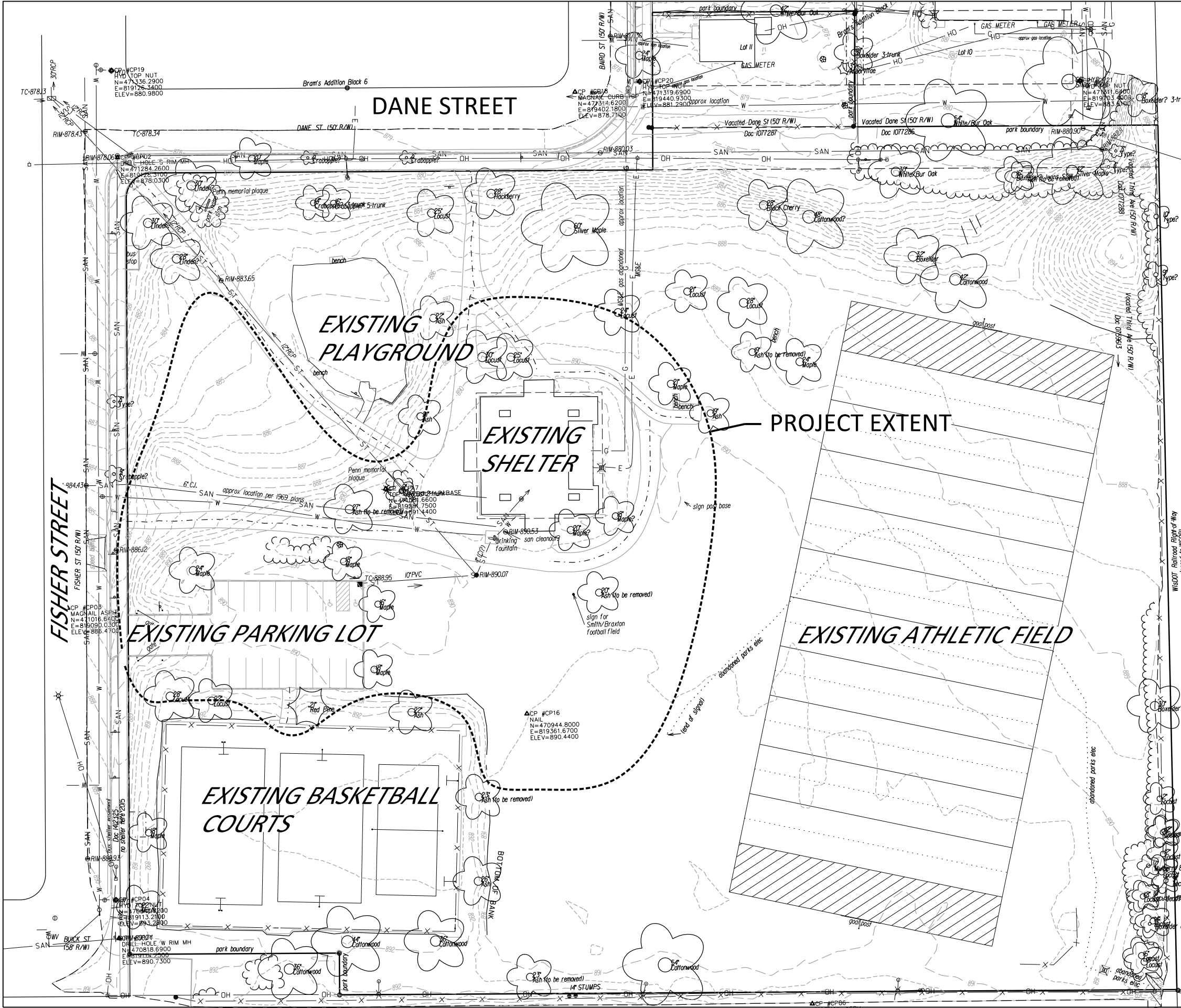
ITEM	DATE
Drawn by: MS	12-19-2016

PUBLIC WORKS PROJECT #:

SHEET TITLE:  
***SHEET  
SCHEDULE***

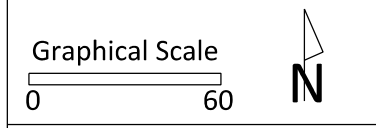
SHEET NUMBER:





- LEGEND**
- EX. FENCE
  - EX. EASEMENT
  - EX. RIGHT OF WAY
  - EX. SANITARY SEWER
  - EX. STORM SEWER
  - EX. WATER LINE
  - EX. ELECTRIC
  - EX. TELEPHONE
  - EX. OVERHEAD
  - EX. GAS

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SHELTER RENOVATION  
AND  
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**PENN PARK  
2101 FISHER STREET  
MADISON, WI**

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ITEM	DATE
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PUBLIC WORKS PROJECT #:

SHEET TITLE:  
**EXISTING SITE  
PLAN**

SHEET NUMBER:  
**L-1**





View From Dane Street



View From Parking Lot Entrance



View From Fisher Street



View From Shelter Toward Parking Lot

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**PENN PARK**  
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PUBLIC WORKS PROJECT #:

SHEET TITLE:  
**EXISTING SITE**  
**PHOTOS**

SHEET NUMBER:  
**L-2**





Front



Rear



Interior



Existing Restrooms

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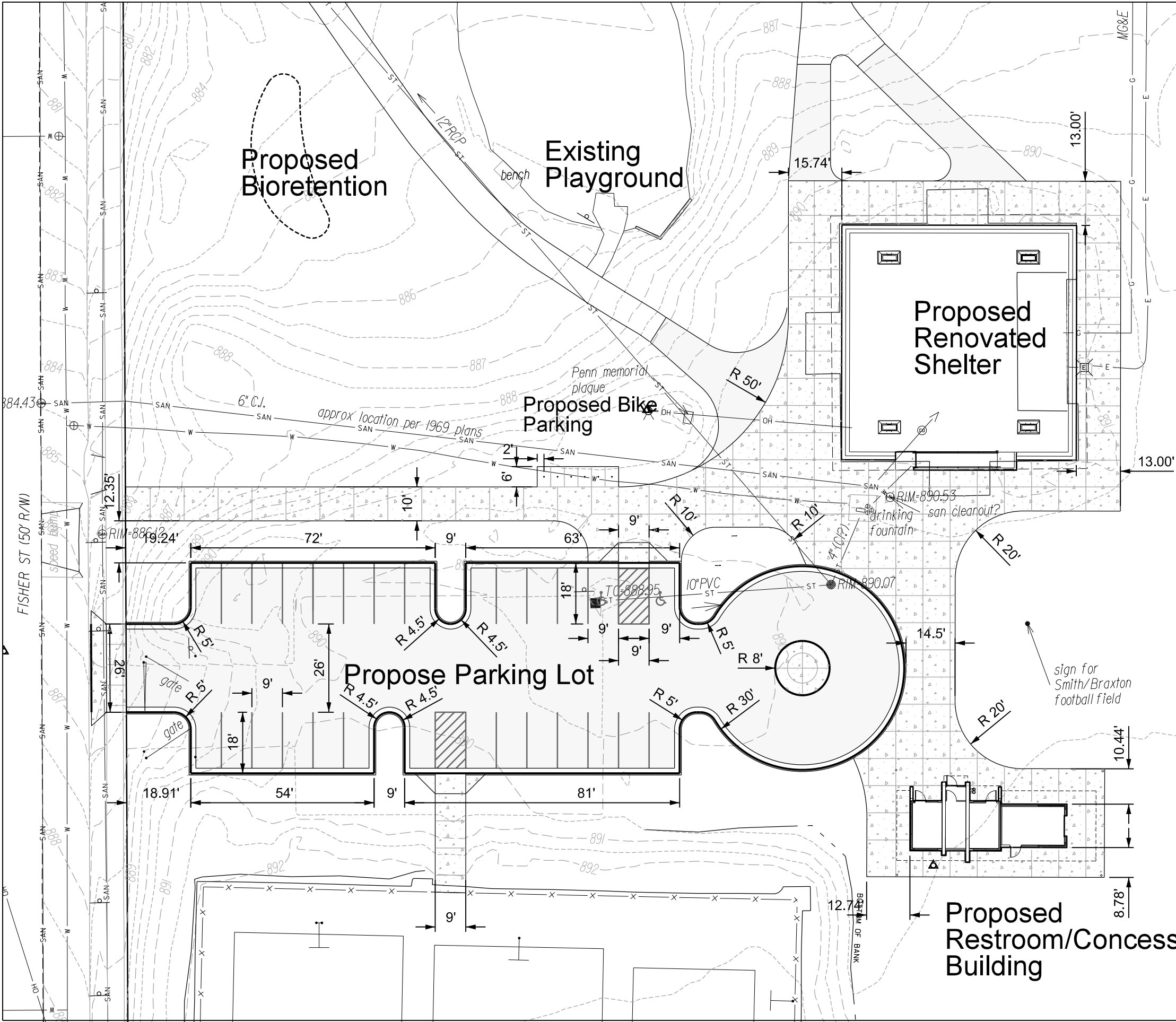
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PUBLIC WORKS PROJECT #:

SHEET TITLE:  
*EXISTING SHELTER  
PHOTOS*

SHEET NUMBER:  
**L-3**



- LEGEND**
- PRO. ASPHALT
  - PRO. CONCRETE
  - PRO. DISABLED PARKING
  - PARK BOUNDARY
  - EX. FENCE
  - EX. EASEMENT
  - EX. RIGHT OF WAY
  - EX. SANITARY SEWER
  - EX. STORM SEWER
  - EX. WATER LINE
  - EX. ELECTRIC
  - EX. TELEPHONE
  - EX. OVERHEAD
  - EX. GAS

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Graphical Scale  
0 30 N

PROJECT: **PENN PARK  
SHELTER RENOVATION  
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BUILDING**

**PENN PARK  
2101 FISHER STREET  
MADISON, WI**

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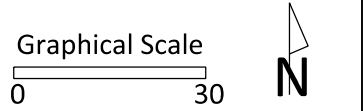
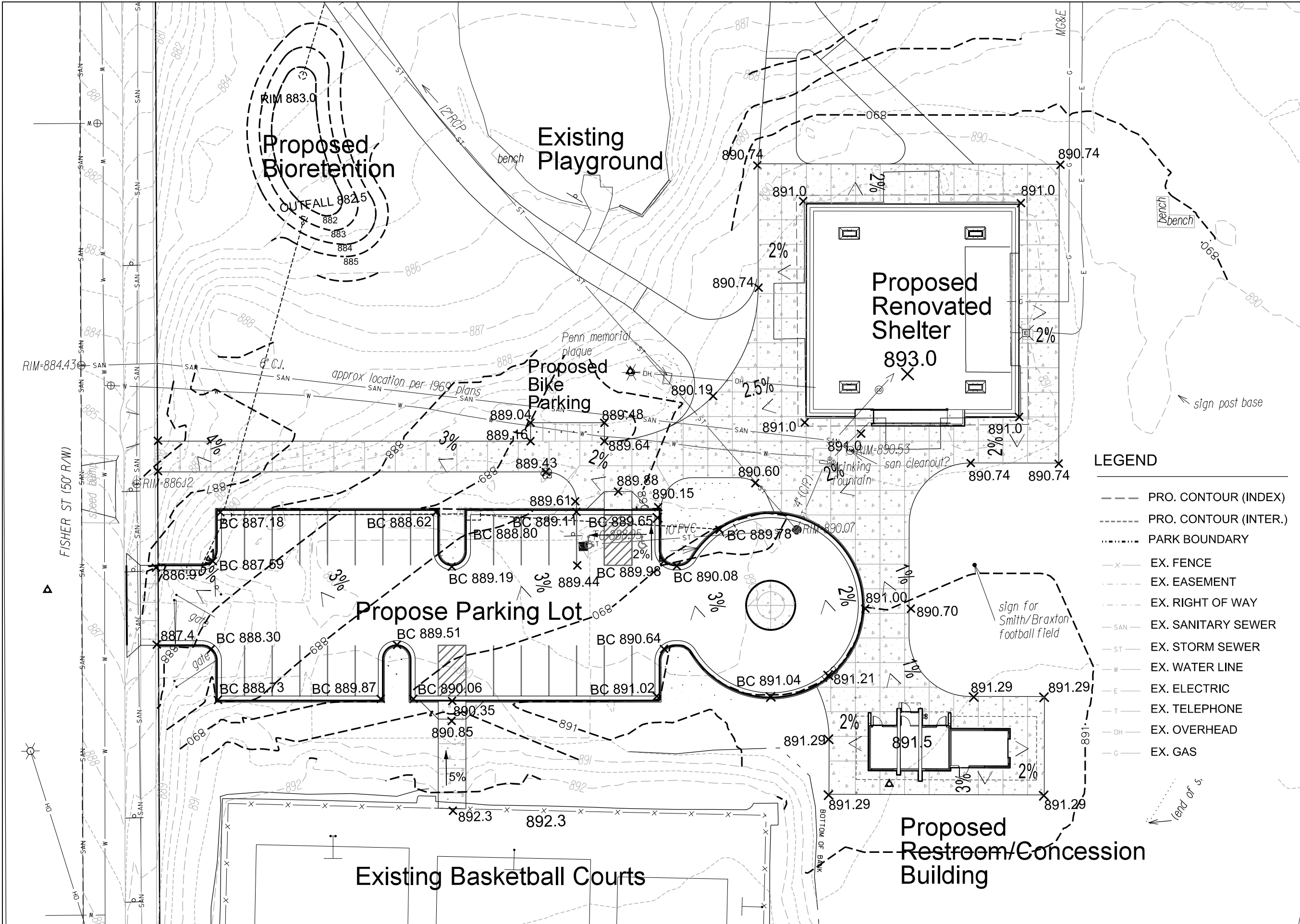
ITEM	DATE
Drawn by: MS	12-19-2016

PUBLIC WORKS PROJECT #:

SHEET TITLE:  
**SITE LAYOUT  
PLAN**

SHEET NUMBER:  
**L-4**





PROJECT: **PENN PARK  
SHELTER RENOVATION  
AND  
CONCESSION/RESTROOM  
BUILDING**

**PENN PARK  
2101 FISHER STREET  
MADISON, WI**

- LEGEND**
- PRO. CONTOUR (INDEX)
  - PRO. CONTOUR (INTER.)
  - PARK BOUNDARY
  - EX. FENCE
  - EX. EASEMENT
  - EX. RIGHT OF WAY
  - EX. SANITARY SEWER
  - EX. STORM SEWER
  - EX. WATER LINE
  - EX. ELECTRIC
  - EX. TELEPHONE
  - EX. OVERHEAD
  - EX. GAS

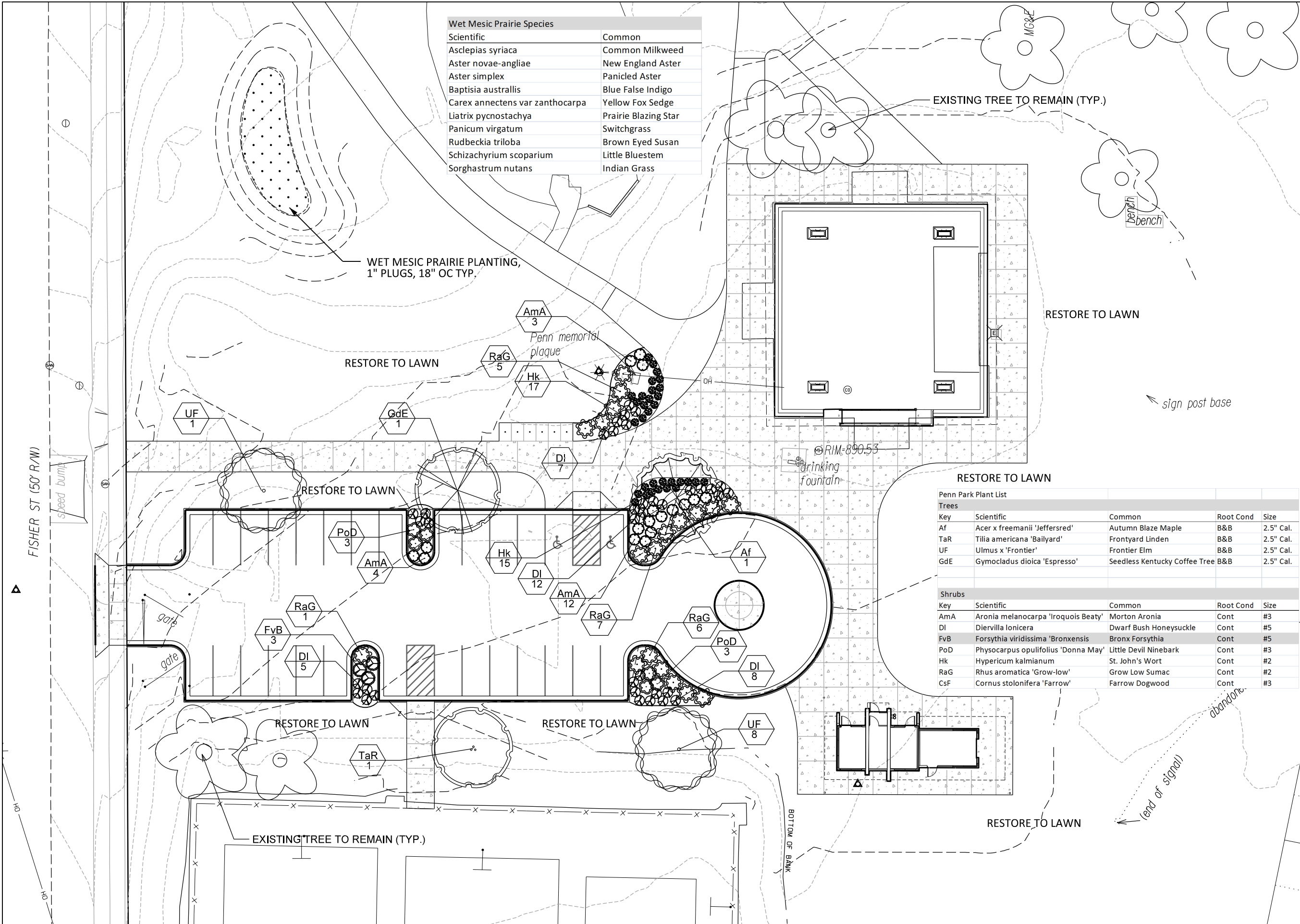
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PUBLIC WORKS PROJECT #:

SHEET TITLE:  
**SITE GRADING  
PLAN**

SHEET NUMBER:  
**L-5**



Wet Mesic Prairie Species	
Scientific	Common
Asclepias syriaca	Common Milkweed
Aster novae-angliae	New England Aster
Aster simplex	Panicled Aster
Baptisia australis	Blue False Indigo
Carex annectens var zanthocarpa	Yellow Fox Sedge
Liatris pycnostachya	Prairie Blazing Star
Panicum virgatum	Switchgrass
Rudbeckia triloba	Brown Eyed Susan
Schizachyrium scoparium	Little Bluestem
Sorghastrum nutans	Indian Grass

EXISTING TREE TO REMAIN (TYP.)

WET MESIC PRAIRIE PLANTING,  
1" PLUGS, 18" OC TYP.

RESTORE TO LAWN

RESTORE TO LAWN

RESTORE TO LAWN

RESTORE TO LAWN

Penn Park Plant List

Trees				
Key	Scientific	Common	Root Cond	Size
Af	Acer x freemanii 'Jeffersred'	Autumn Blaze Maple	B&B	2.5" Cal.
TaR	Tilia americana 'Baillyard'	Frontyard Linden	B&B	2.5" Cal.
UF	Ulmus x 'Frontier'	Frontier Elm	B&B	2.5" Cal.
GdE	Gymocladus dioica 'Espresso'	Seedless Kentucky Coffee Tree	B&B	2.5" Cal.

Shrubs				
Key	Scientific	Common	Root Cond	Size
AmA	Aronia melanocarpa 'Iroquois Beauty'	Morton Aronia	Cont	#3
DI	Diervilla lonicera	Dwarf Bush Honeysuckle	Cont	#5
FvB	Forsythia viridissima 'Bronxensis'	Bronx Forsythia	Cont	#5
PoD	Physocarpus opulifolius 'Donna May'	Little Devil Ninebark	Cont	#3
Hk	Hypericum kalmianum	St. John's Wort	Cont	#2
RaG	Rhus aromatica 'Grow-low'	Grow Low Sumac	Cont	#2
CsF	Cornus stolonifera 'Farrow'	Farrow Dogwood	Cont	#3

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Department of Public Works  
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PARKS**

Graphical Scale

0 30



PROJECT: **PENN PARK  
SHELTER RENOVATION  
AND  
CONCESSION/RESTROOM  
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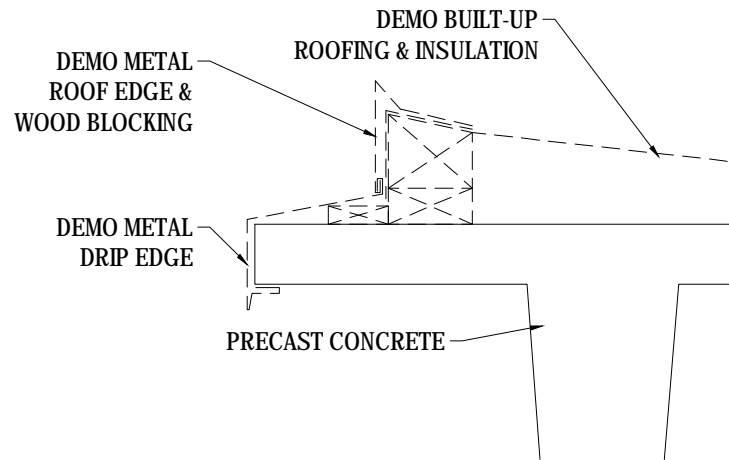
ITEM DATE  
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PUBLIC WORKS PROJECT #:

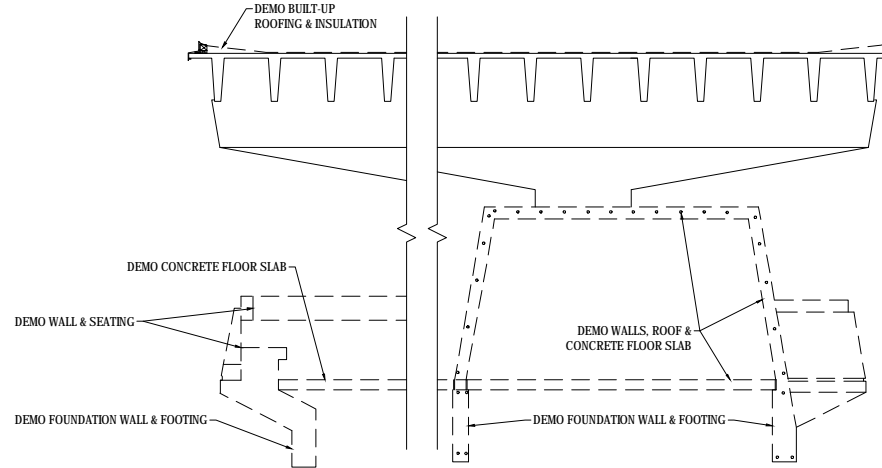
SHEET TITLE:  
**SITE LANDSCAPE  
PLAN**

SHEET NUMBER:

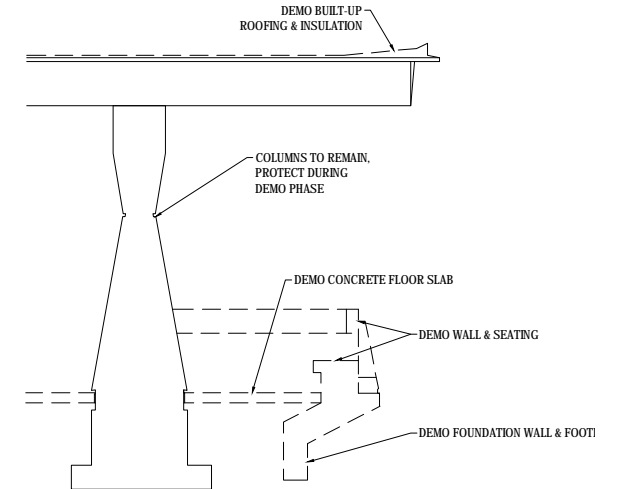
**L-6**



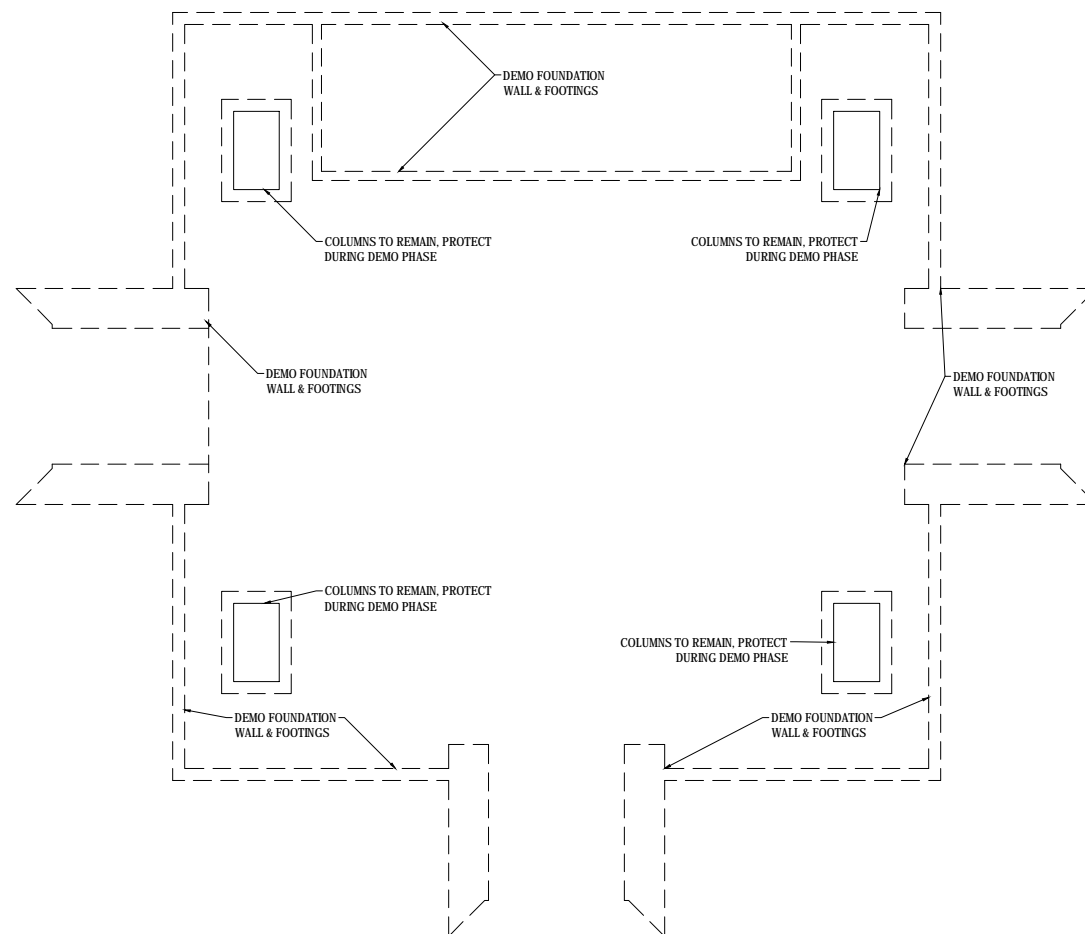
**4** DEMO DETAIL @ ROOF EDGE  
1 1/2" = 1'-0"



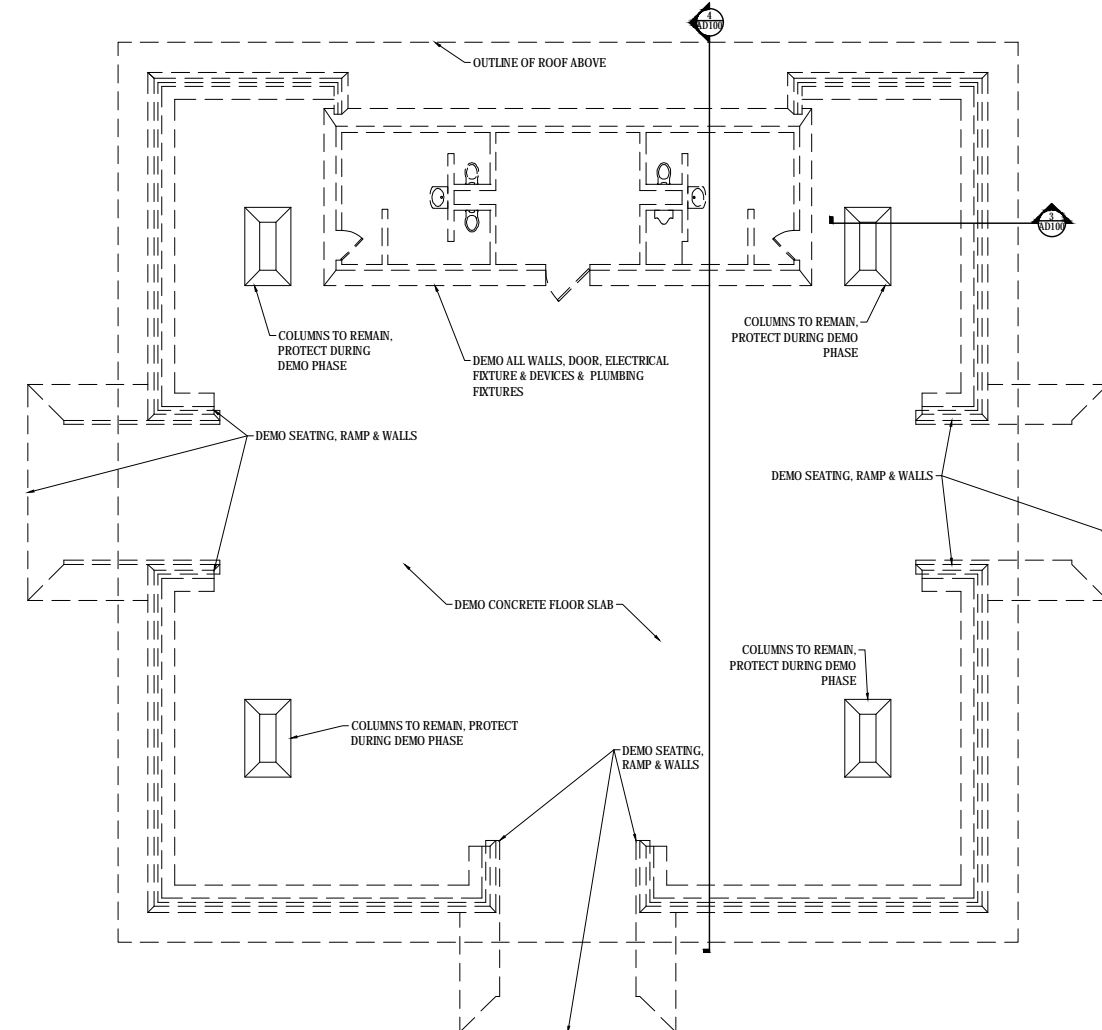
**4** DEMO SECTION  
1/8" = 1'-0"



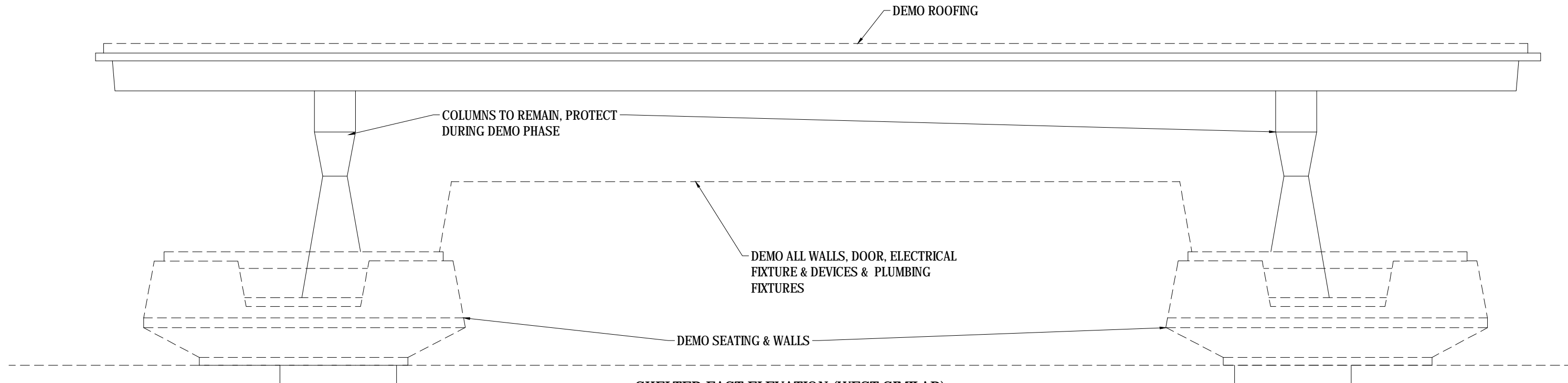
**3** DEMO SECTION  
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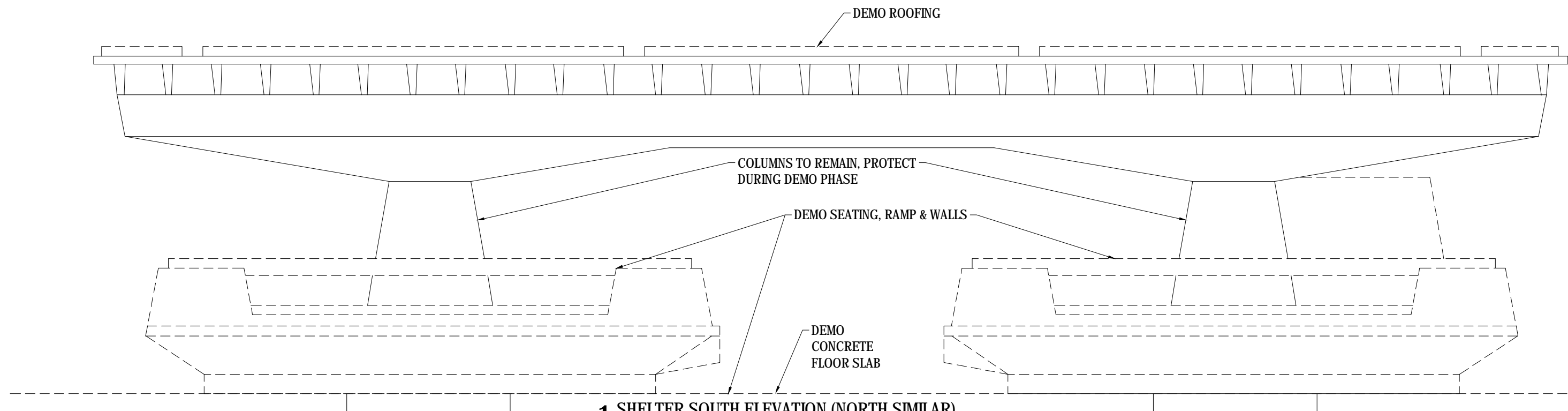
**2** DEMO FOUNDATION PLAN  
1/16" = 1'-0"



**1** DEMO FLOOR PLAN  
1/16" = 1'-0"

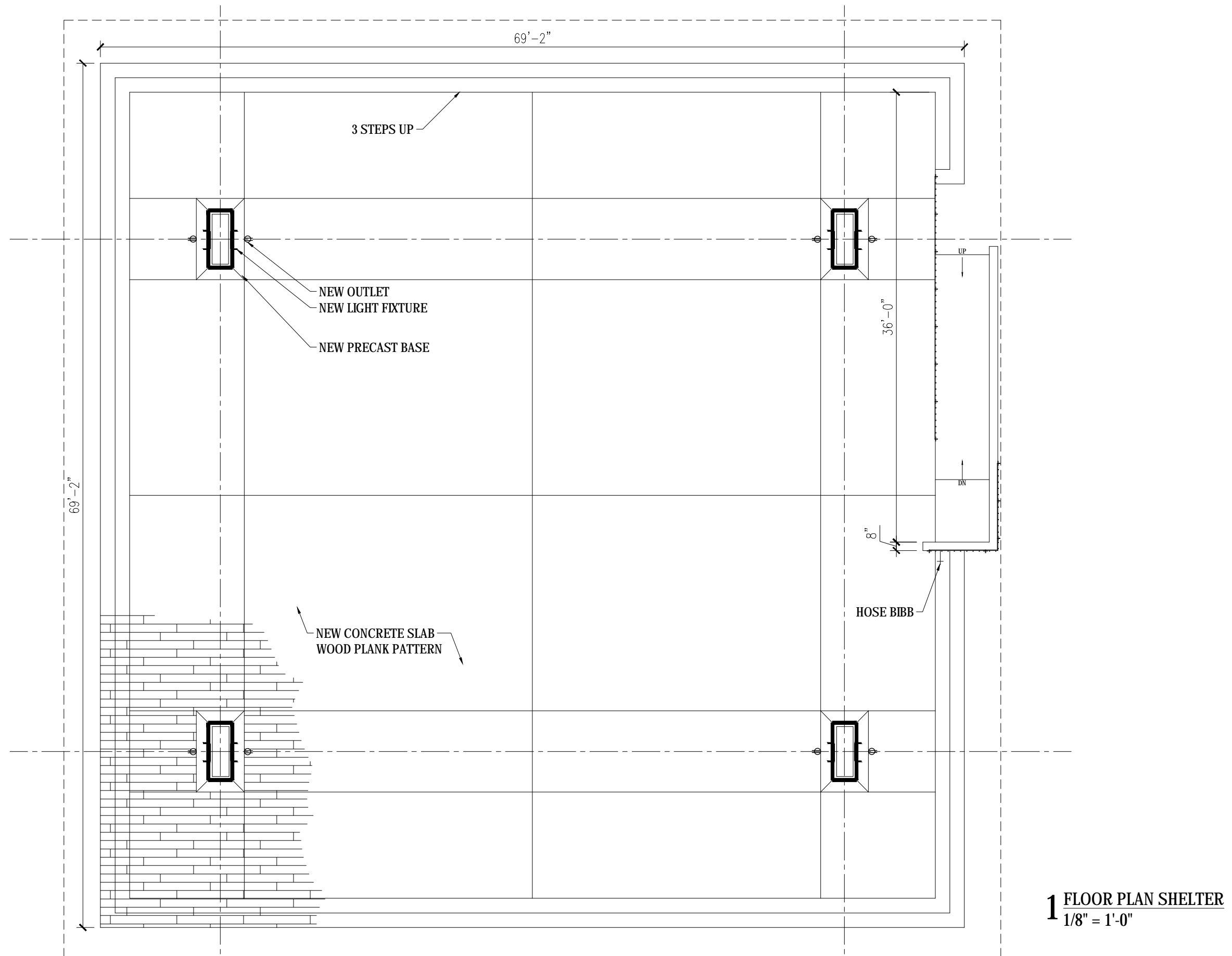


**2** SHELTER EAST ELEVATION (WEST SIMILAR)  
3/16" = 1'-0"

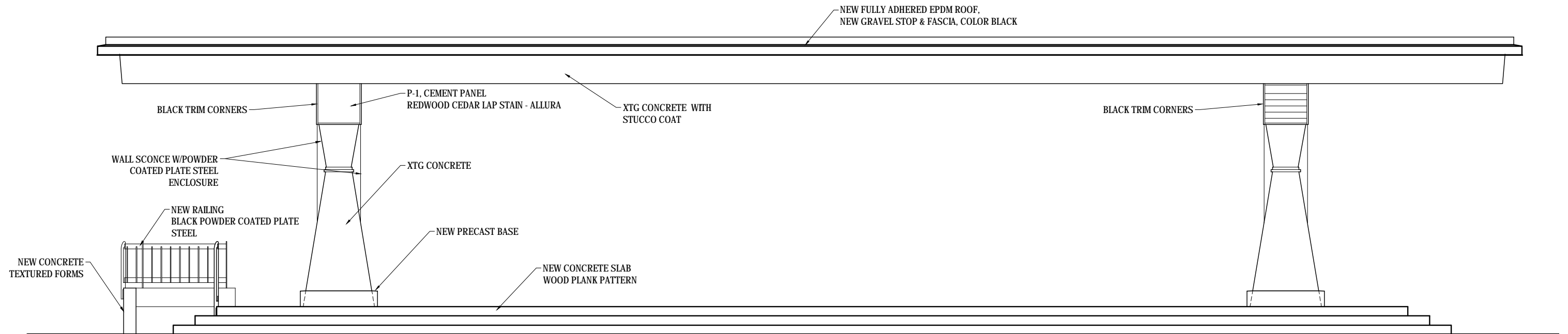


**1** SHELTER SOUTH ELEVATION (NORTH SIMILAR)  
3/16" = 1'-0"

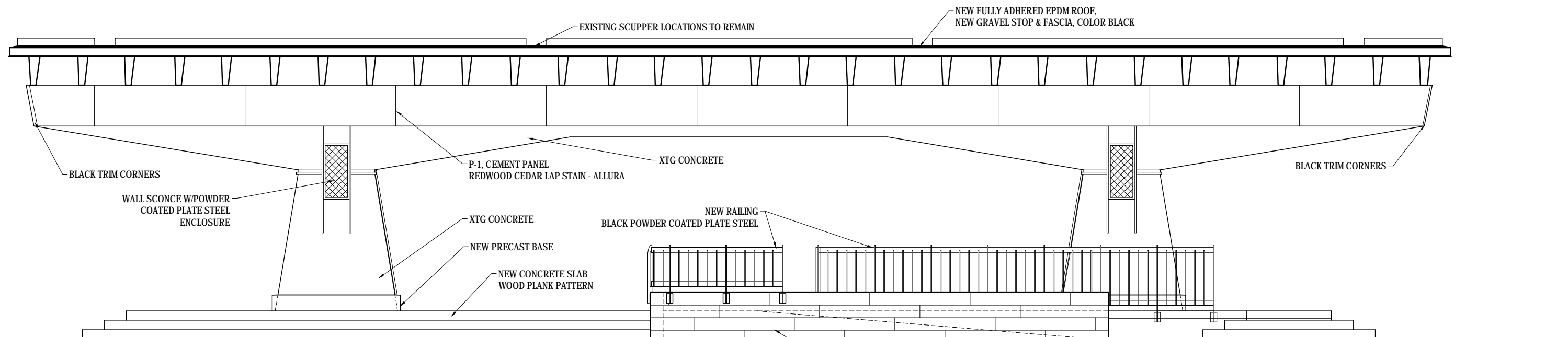




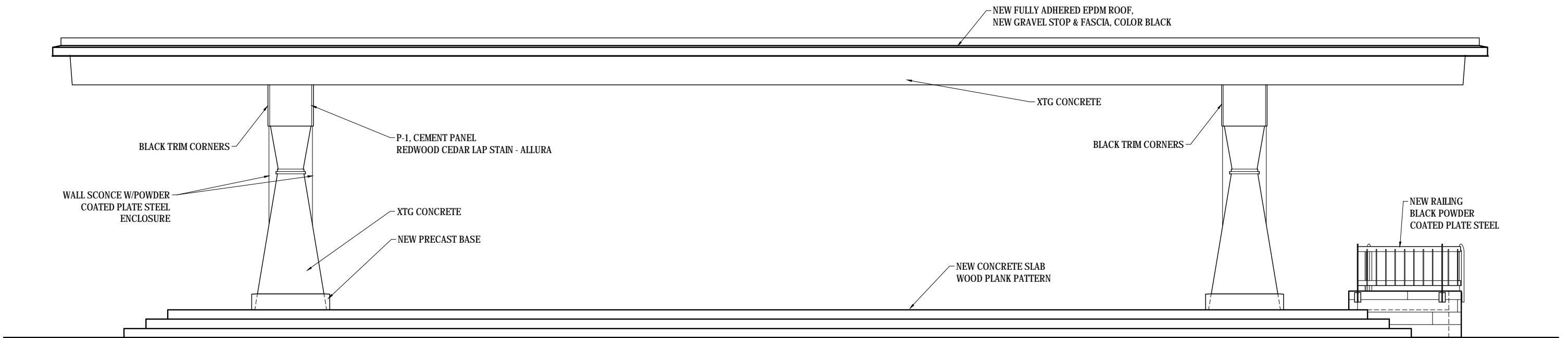
**1** FLOOR PLAN SHELTER  
1/8" = 1'-0"



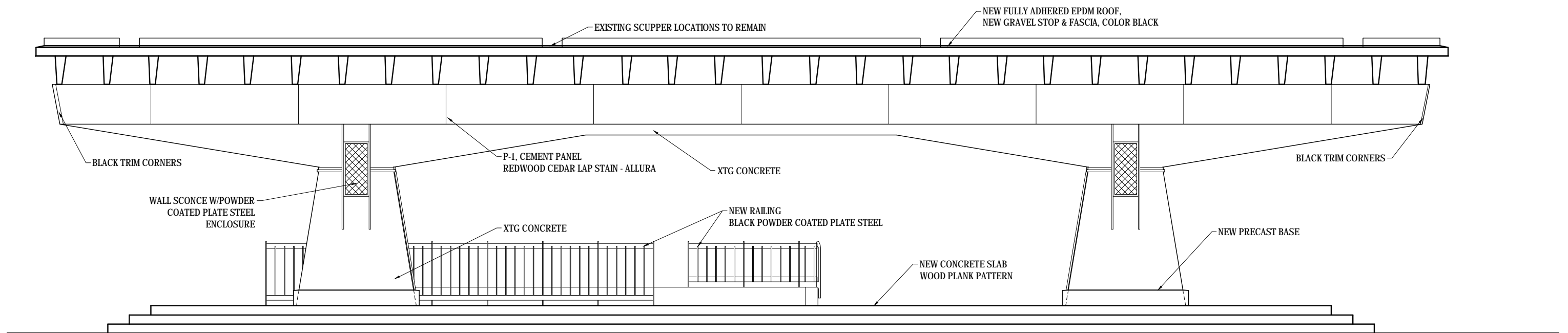
**2 SHELTER EAST ELEVATION**  
3/16" = 1'-0"



**1 SHELTER SOUTH ELEVATION**  
3/16" = 1'-0"



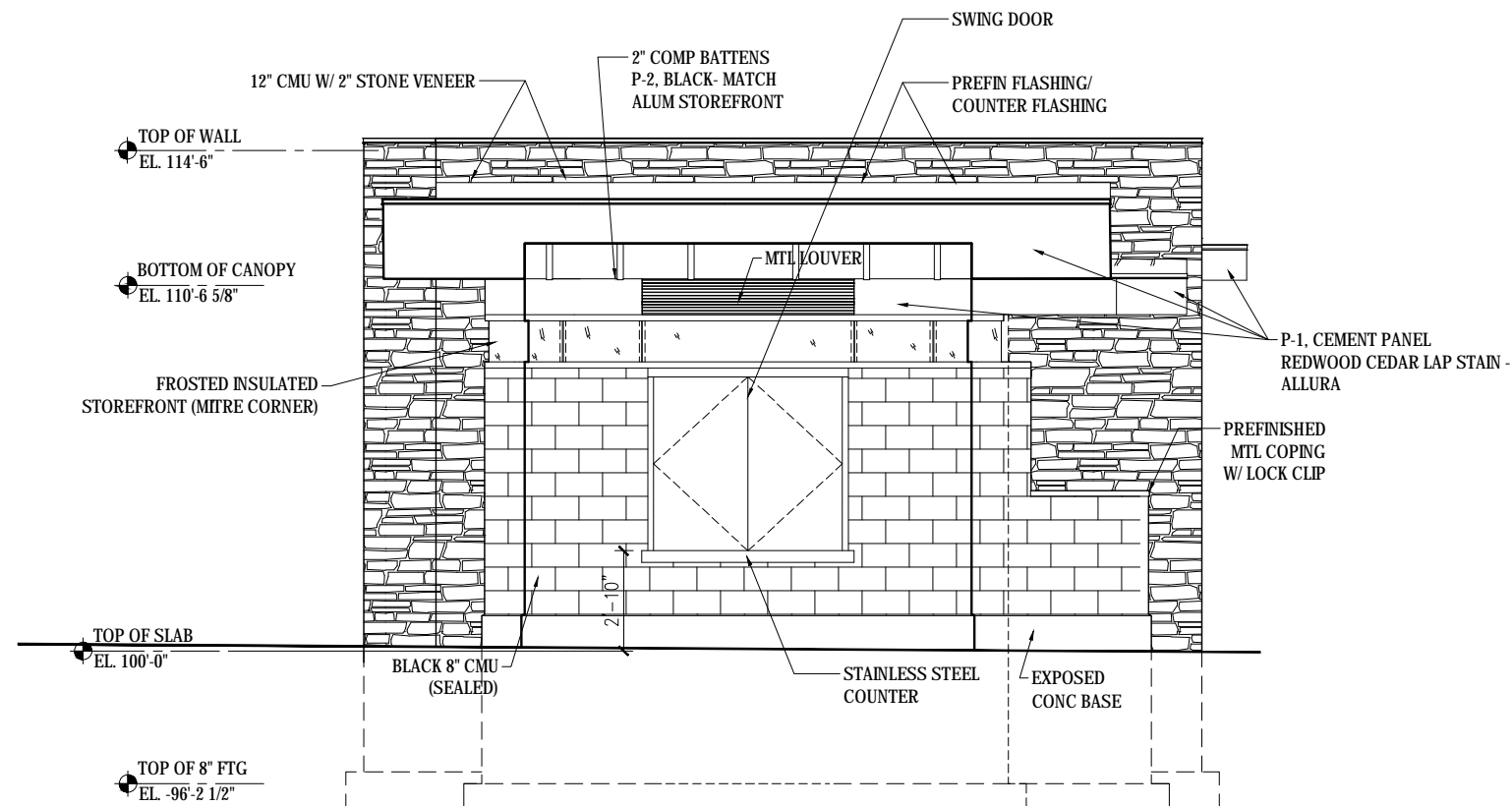
**2** SHELTER WEST ELEVATION  
3/16" = 1'-0"



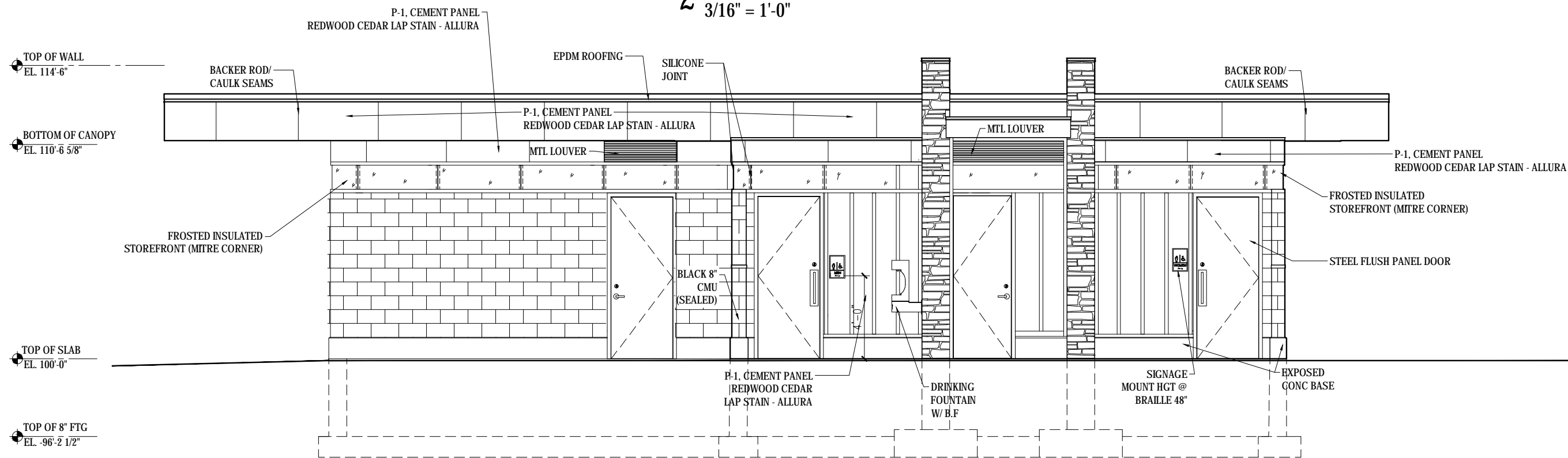
**1** SHELTER NORTH ELEVATION  
3/16" = 1'-0"



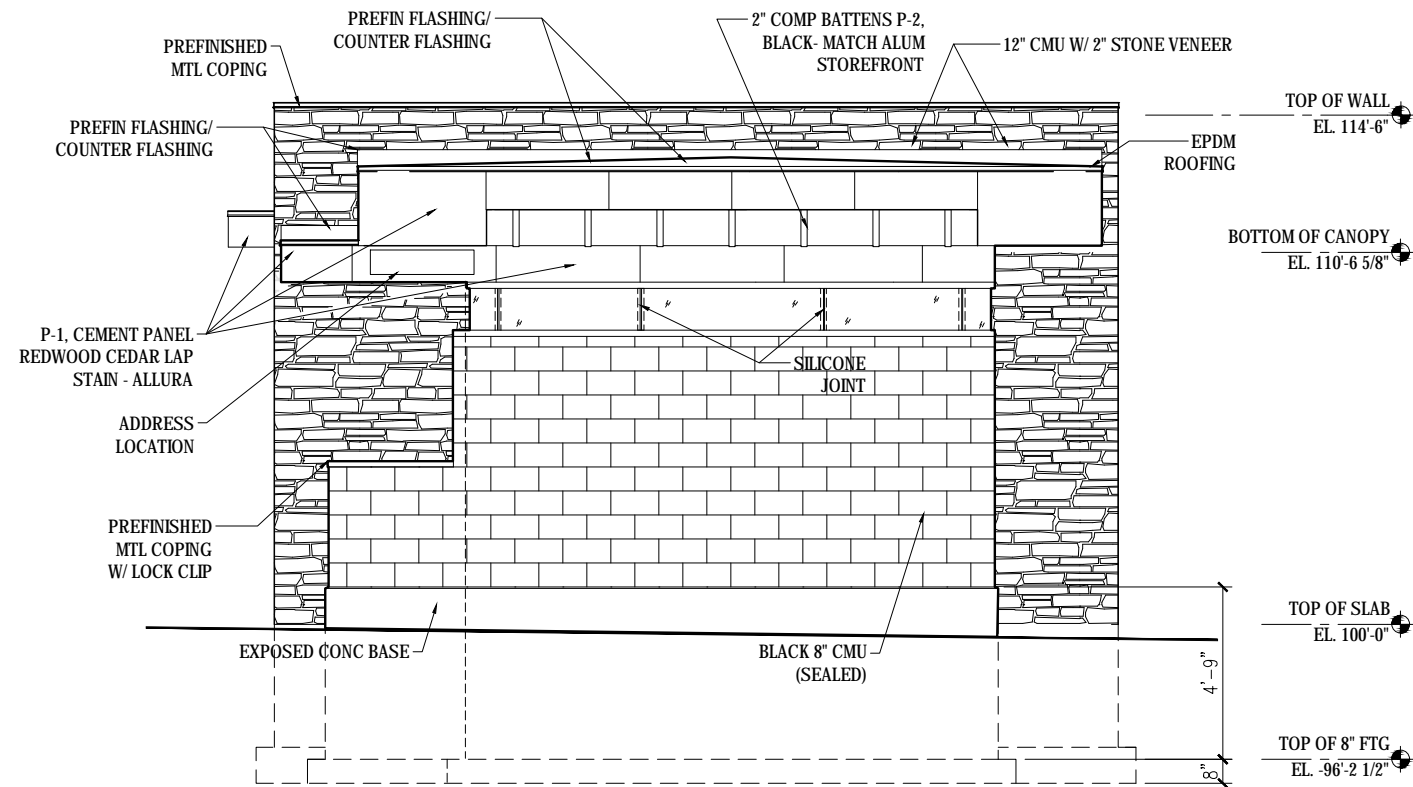




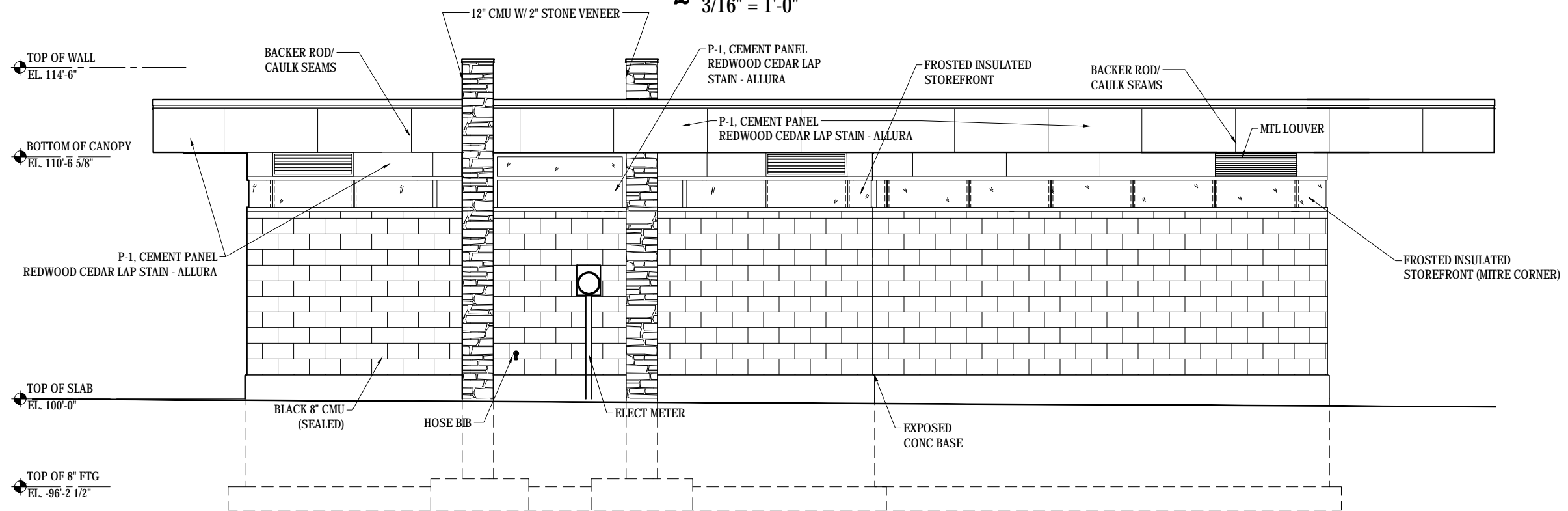
**2 EAST ELEVATION CONCESSION/RESTROOM BLDG**  
3/16" = 1'-0"



**1 NORTH ELEVATION CONCESSION/RESTROOM BLDG**  
3/16" = 1'-0"

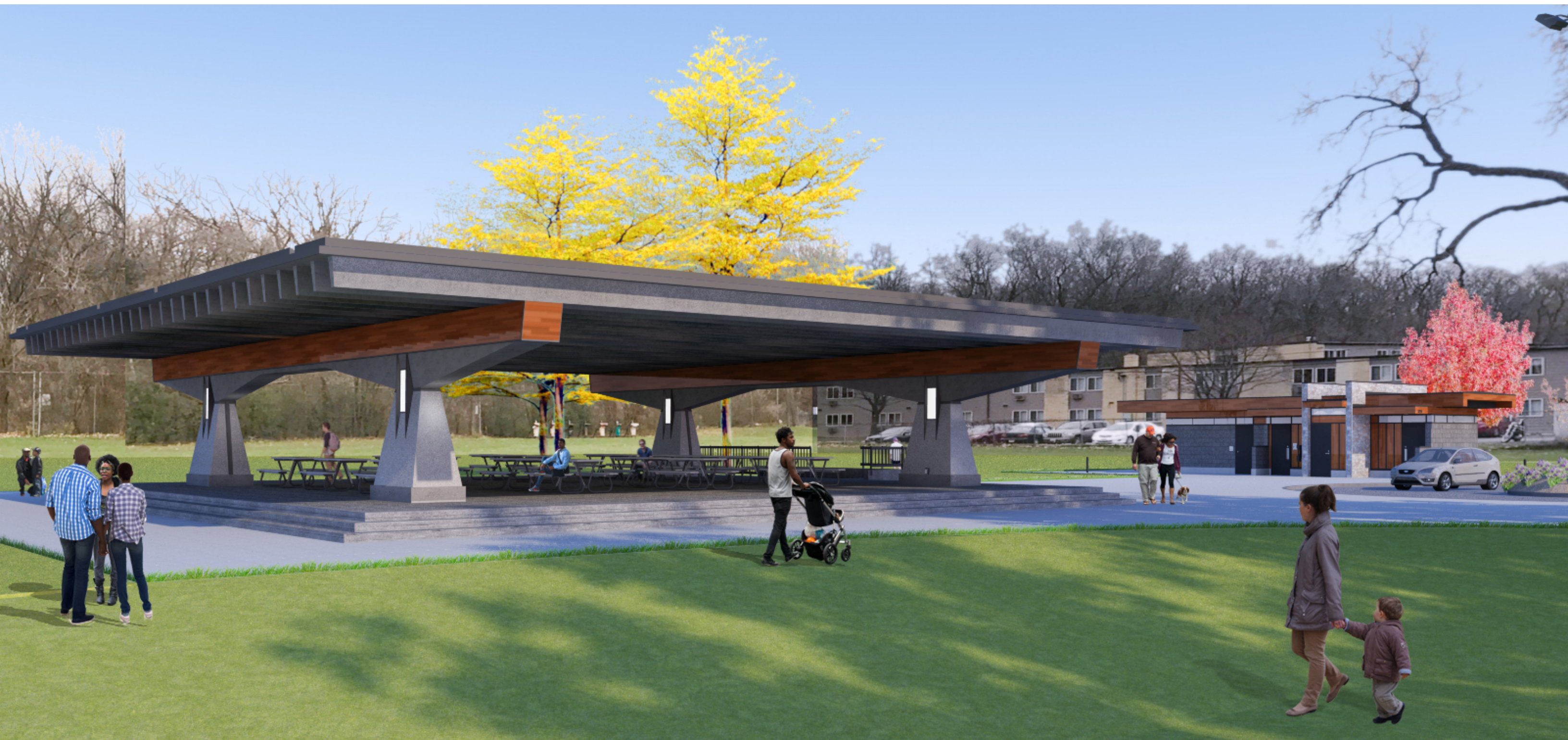


**2 WEST ELEVATION CONCESSION/RESTROOM BLDG**  
3/16" = 1'-0"



**1 SOUTH ELEVATION CONCESSION/RESTROOM BLDG**  
3/16" = 1'-0"





CITY OF MADISON PARKS

PENN PARK SHELTER RENOVATIONS

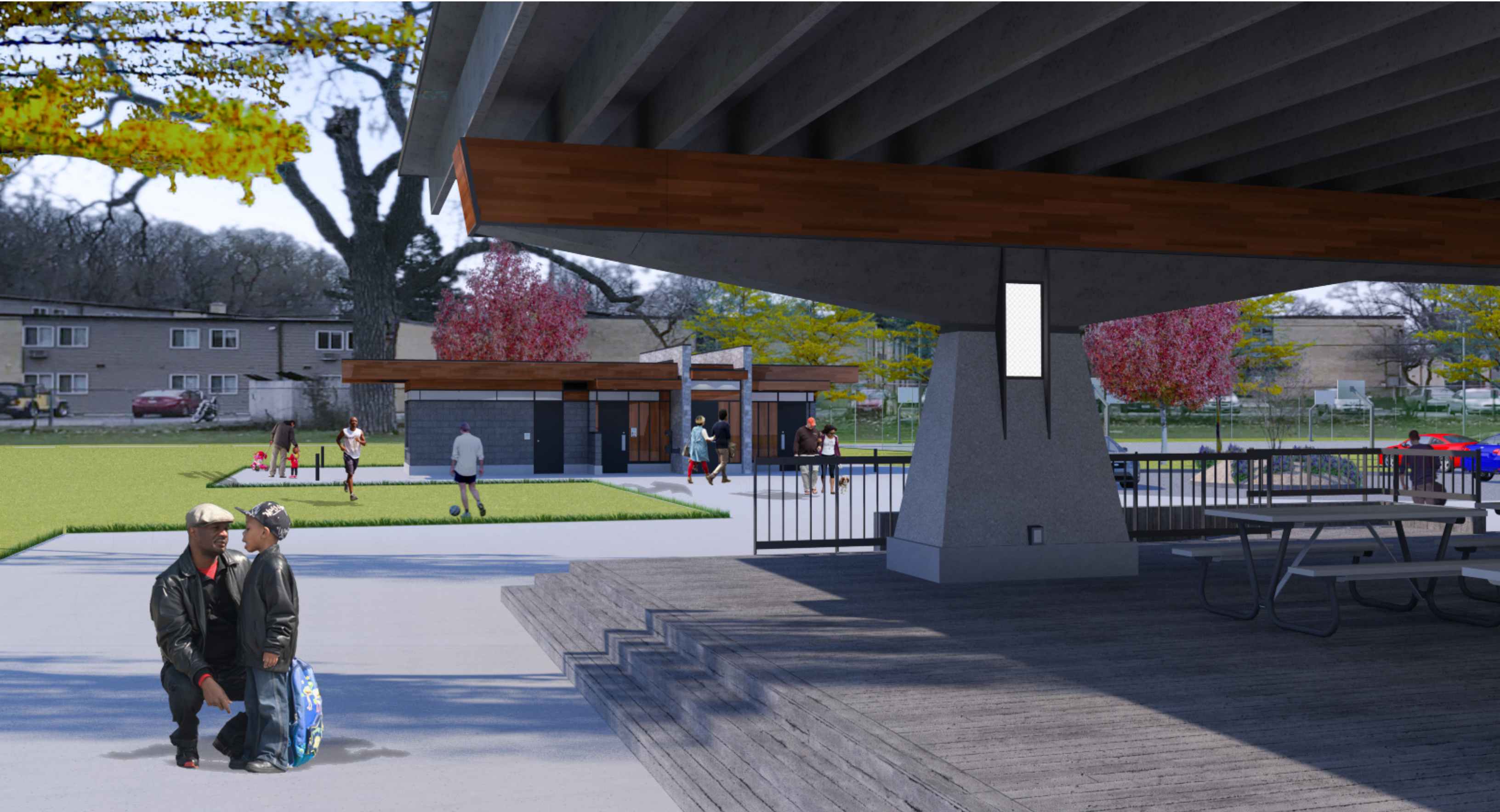




CITY OF MADISON PARKS

PENN PARK SHELTER RENOVATIONS





CITY OF MADISON PARKS

PENN PARK SHELTER RENOVATIONS





CITY OF MADISON PARKS

PENN PARK SHELTER RENOVATIONS-NEW CONCESSIONS

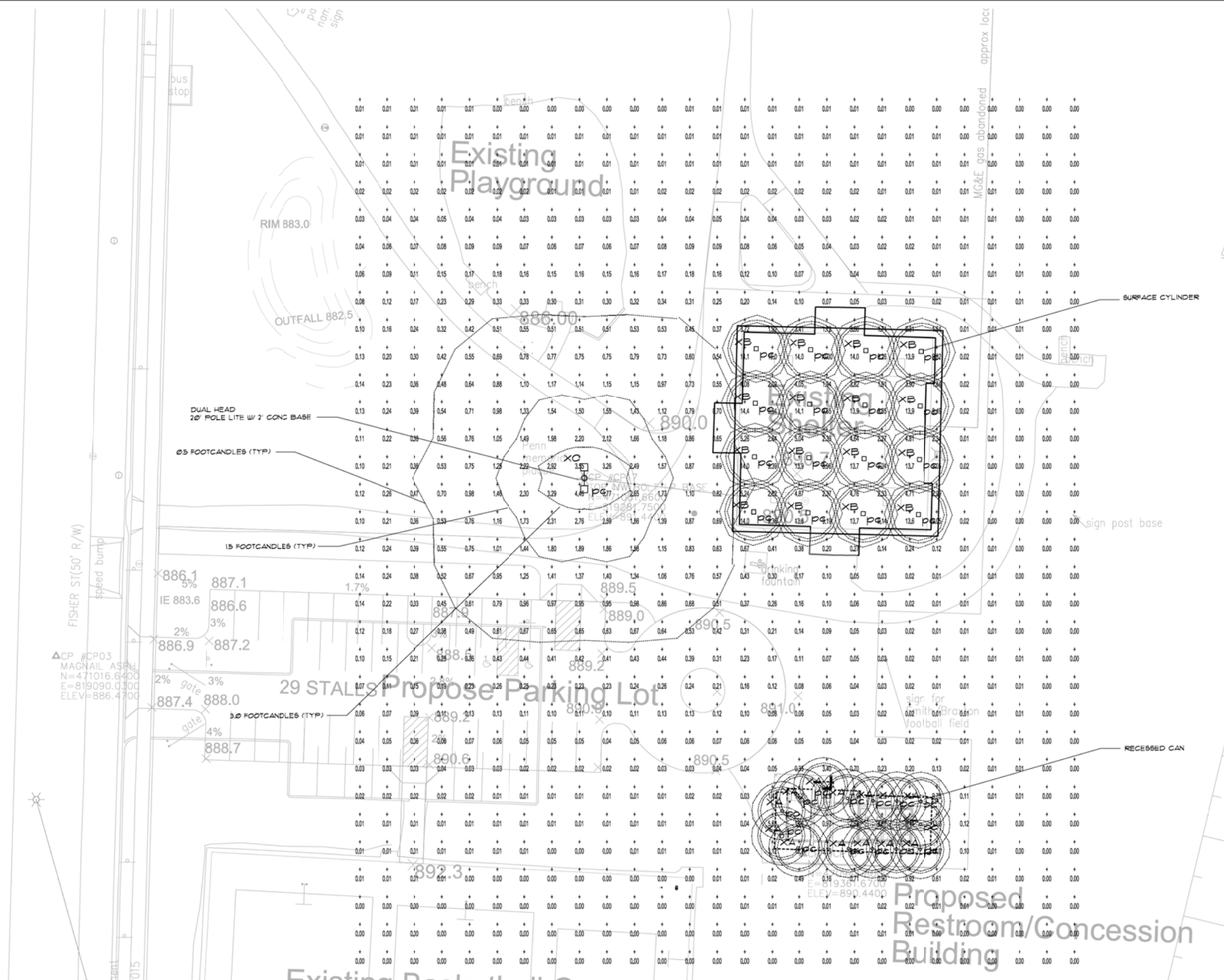




CITY OF MADISON PARKS

PENN PARK SHELTER RENOVATIONS-NEW CONCESSIONS





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CALCULATION SUMMARY									
AREA NAME	DIMENSIONS	GRID / TYPE	# PTS	SPAC	GROUP	AVE	MAX	MIN	MAX/MIN
Area 1	702.20x627.20ft	Grid 1 / FH1	926	10.00	<>>	0.94	15.70	0.00	NA

Penn Park (H1630) LUMINAIRE SCHEDULE						
TYP	SYMBOL	DESCRIPTION	LAMP	LUMENS	MOUNTING/BALLAST	LLF QTY
XA	○	Kenall Canco rc HROUL-19L-40K9-120-000-XXX-CSS-4	LED	1735	RECESSED @ 90° FTT	0.95 14
XB	□	Gotham Architectural rc EVO 4V30 6AR WD LSS	LED	3136	SURFACE-MTD @ 12' AFF	0.95 16
XC	□-○-□	Lithonia Light 27' pole ft DSK1 LED 40C 700-40K 14M MVOLT	LED	23430	POLE-MTD @ 20 FT W/2 FT BASE	0.95 1



# 1 SITE LIGHTING ILLUMINATION PLAN

1" = 20'-0"

## PENN PARK SHELTER RENOVATION & NEW CONCESSION/RESTROOM BLDG 2101 FISHER STREET MADISON, WI 53713

### ISSUANCES:

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### PROJECT:

NUMBER:	000000.00
DATE:	12-19-2016
REV:	----
	----

### SHEET:

# SL100



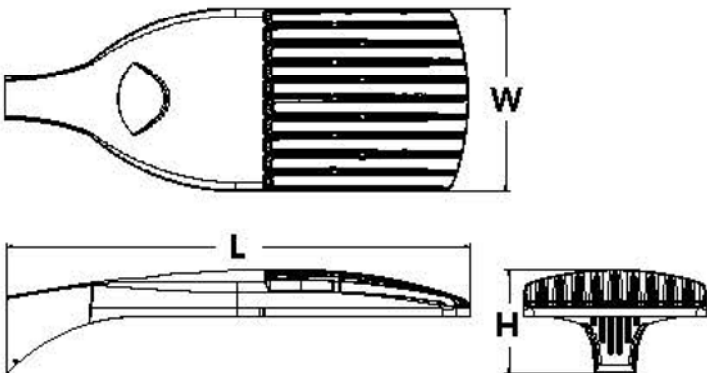


# D-Series Size 1 LED Area Luminaire



## Specifications

EPA:	1.01 ft <sup>2</sup> (0.09 m <sup>2</sup> )
Length:	33" (83.8 cm)
Width:	13" (33.0 cm)
Height:	7-1/2" (19.0 cm)
Weight (max):	27 lbs (12.2 kg)



Catalog Number	PENN PARK
Notes	XC
Type	Pole Light - dual head

Hit the tab key or mouse over the page to see all interactive elements.

## Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment.

The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 750W metal halide in pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

## Ordering Information

EXAMPLE: DSX1 LED 60C 1000 40K T3M MVOLT SPA DDBXD

DSX1LED	40C	700	40K	T4M	MVO	RPA
Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	<b>Forward optics</b> 30C 30 LEDs (one engine) 40C 40 LEDs (two engines) 60C 60 LEDs (two engines) <b>Rotated optics</b> <sup>1</sup> 60C 60 LEDs (two engines)	530 530 mA 700 700 mA 1000 1000 mA (1 A) <sup>2</sup>	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted <sup>3</sup>	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium T5VS Type V very short T5S Type V short T5M Type V medium T5W Type V wide BLC Backlight control <sup>24</sup> LCCO Left corner cutoff <sup>24</sup> RCCO Right corner cutoff <sup>24</sup>	MVOLT <sup>5</sup> 120 <sup>5</sup> 208 <sup>5</sup> 240 <sup>5</sup> 277 <sup>5</sup> 347 <sup>6</sup> 480 <sup>6</sup>	<b>Shipped included</b> SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor <sup>7</sup> RPUMBA Round pole universal mounting adaptor <sup>7</sup> <b>Shipped separately</b> KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) <sup>8</sup>

PIRH1FC3V	DBLXD
Control options	Other options
<b>Shipped installed</b> PER NEMA twist-lock receptacle only (no controls) <sup>9</sup> PER5 Five-wire receptacle only (no controls) <sup>9,10</sup> PER7 Seven-wire receptacle only (no controls) <sup>9,10</sup> DMG 0-10V dimming driver (no controls) <sup>11</sup> DCR Dimmable and controllable via ROAM <sup>®</sup> (no controls) <sup>12</sup> DS Dual switching <sup>13,14</sup> PIR Bi-level, motion/ambient sensor; 8-15' mounting height, ambient sensor enabled at 5fc <sup>15</sup> PIRH Bi-level, motion/ambient sensor; 15-30' mounting height, ambient sensor enabled at 5fc <sup>15</sup> PIR1FC3V Bi-level, motion/ambient sensor; 8-15' mounting height, ambient sensor enabled at 1fc <sup>15</sup>	<b>Shipped installed</b> HS House-side shield <sup>16</sup> WTB Utility terminal block <sup>20</sup> SF Single fuse (120, 277, 347V) <sup>21</sup> DF Double fuse (208, 240, 480V) <sup>21</sup> L90 Left rotated optics <sup>22</sup> R90 Right rotated optics <sup>22</sup> BS Bird spikes
PIRH1FC3V Bi-level, motion/ambient sensor; 15-30' mounting height, ambient sensor enabled at 1fc <sup>15</sup> BL30 Bi-level switched dimming, 30% <sup>14,16</sup> BL50 Bi-level switched dimming, 50% <sup>14,16</sup> PNMTDD3 Part night, dim till dawn <sup>17</sup> PNMTSD3 Part night, dim 5 hrs <sup>17</sup> PNMT6D3 Part night, dim 6 hrs <sup>17</sup> PNMT7D3 Part night, dim 7 hrs <sup>17</sup> FA0 Field adjustable output <sup>18</sup>	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Accessories

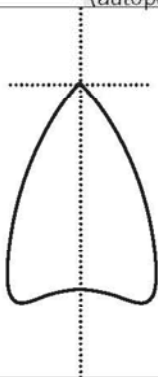
Ordered and shipped separately.

DLL127F1.5JU	Photocell - SSL twist-lock (120-277V) <sup>23</sup>	<div>NOTES</div> <div> <div>1 Rotated optics available with 60C only.</div> <div>2 Not available AMBPC.</div> <div>3 Only available with 530mA or 700mA.</div> <div>4 Not available with HS.</div> <div>5 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120V, 208V, 240V or 277V options only when ordering with fusing (SF, DF options).</div> <div>6 Not available with single board, 530mA product (30C 530 or 60C 530 DS). Not available with BL30, BL50 or PNMT options.</div> <div>7 Existing drilled pole only. Available as a separate combination accessory; for retrofit use only: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.</div> <div>8 Must order fixture with SPA option. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).</div> <div>9 Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option.</div> <div>10 If ROAM<sup>®</sup> node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR. Node with integral dimming.</div> <div>11 DMG option for 347V or 480V requires 1000mA.</div> <div>12 Specifies a ROAM<sup>®</sup> enabled luminaire with 0-10V dimming capability; PER option required. Additional hardware and services required for ROAM<sup>®</sup> deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A with PIR options, DS, PER5, PER7, BL30, BL50 or PNMT options. Node without integral dimming.</div> </div>	<div>13 Requires 40C or 60C. Provides 50/50 luminaire operation via two independent drivers on two separate circuits. N/A with PER, DCR, WTB, PIR or PIRH.</div> <div>14 Requires an additional switched circuit.</div> <div>15 PIR and PIR1FC3V specify the <b>SensorSwitch SBGR-10-ODP</b> control; PIRH and PIRH1FC3V specify the <b>SensorSwitch SBGR-6-ODP</b> control; see <b>Outdoor Control Technical Guide</b> for details. Dimming driver standard. Not available with PER5 or PER7. Ambient sensor disabled when ordered with DCR. Separate on/off required.</div> <div>16 Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, DS, PER5, PER7 or PNMT options. Not available with PIR1FC3V or PIRH1FC3V.</div> <div>17 Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, DS, PER5, PER7, BL30 or BL50. Not available with PIR1FC3V or PIRH1FC3V. Separate on/off required.</div> <div>18 Dimming driver standard. Not available with PER5, PER7, DMG, DCR, DS, BL30, BL50 or PNMT, PIR, PIRH, PIR1FC3V or PIRH1FC3V.</div> <div>19 Not available with BLC, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.</div> <div>20 WTB not available with DS.</div> <div>21 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.</div> <div>22 Available with 60 LEDs (60C option) only.</div> <div>23 Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.</div> <div>24 For retrofit use only.</div>
DLL347F1.5CULJU	Photocell - SSL twist-lock (347V) <sup>23</sup>		
DLL480F1.5CULJU	Photocell - SSL twist-lock (480V) <sup>23</sup>		
DSHORTSBK U	Shorting cap <sup>23</sup>		
DSX1HS30C U	House-side shield for 30 LED unit <sup>19</sup>		
DSX1HS40C U	House-side shield for 40 LED unit <sup>19</sup>		
DSX1HS60C U	House-side shield for 60 LED unit <sup>19</sup>		
PUMBA DDBXD U <sup>8</sup>	Square and round pole universal mounting bracket (specify finish) <sup>24</sup>		
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) <sup>8</sup>		

For more control options, visit [DTL](#) and [ROAM](#) online.

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Luminaire Type: XB CANOPY LIGHT  
Catalog Number (autopopulated): PENN PARK

Gotham Architectural Downlighting  
LED Downlights

8" Evo®  
Cylinder

Solid-State Lighting



FEATURES

OPTICAL SYSTEM

- Self-flanged semi-specular, matte-diffuse or specular finishing trim
- Patented Bounding Ray™ optical design (U.S. Patent No. 5,800,050)
- 45° cutoff to source and source image
- Top-down flash characteristic
- Polycarbonate lens integral to light engine

MECHANICAL SYSTEM

- Heavy-gauge aluminum construction
- Ceiling mount and wall mount for direct installation to 4" octagonal or square junction box
- Pendant mount entry for 3/8" National Pipe Thread stem; wires supplied by others
- Unique mounting mechanism at top of cylinders for easy one-person installation
- ACC180 provided with 15' 5-wire cord for power and 0-10V dimming

ELECTRICAL SYSTEM

- Fully serviceable and upgradeable LED light engine
- 70% lumen maintenance at 60,000 hours

- Tested according LM-79 and LM-80 standards
- 2.5 SDCM; 85 CRI typical, 90+ CRI optional
- Overload and short circuit protected
- Dimming wires supplied by others

LISTINGS


- Fixtures are CSA certified to meet US and Canadian standards; wet location, covered ceiling

WARRANTY

- 5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

Note: Actual performance may differ as a result of end user environment and application. All values are design or typical values, measured under laboratory conditions at 25° C.

ORDERING INFORMATION



A+ Capable options indicated by this color background.

EXAMPLE: EVO CYL 35/18 8AR MWD LSS MVOLT EZ1 FCM DWHG

EVO	CYL	40/30		8AR		WD		LD	MVOLT
Series	Type	Color temperature	Nominal lumen values	Aperture/Trim color	Trim type	Distribution <sup>2</sup>		Finish	Voltage
EVO	CYL	27/ 2700 K	20 2000 lumens	8AR Clear	(blank) Downlight	VND	Very narrow (0.5 s/mh)	LSS Semi-specular	MVOLT
		30/ 3000 K	25 2500 lumens	8PR Pewter	W Wallwash	ND	Narrow (0.7 s/mh)	LD Matte-diffuse	120
		35/ 3500 K	30 3000 lumens	8WTR Wheat		MD	Medium (0.9 s/mh)	LS Specular	277
		40/ 4000 K		8GR Gold		MWD	Medium wide (1.0 s/mh)		
				8WR <sup>1</sup> White		WD	Wide (1.2 s/mh)		
				8BR <sup>1</sup> Black					
				8WRAMF <sup>1</sup> White anti-microbial					

EZ1		FCM	DBL
Driver <sup>3</sup>		Mounting	Options
EZ10	eldoLED 0-10V ECOdrive. Linear dimming to 10% min.	FCM Ceiling mount	SF <sup>6</sup> Single fuse
EZ1	eldoLED 0-10V ECOdrive. Linear dimming to 1% min.	WM <sup>4</sup> Wall mount	CRI90 High CRI (90+)
EZB	eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1%.	PM Pendant 3/8" thread mount	NPS80EZ <sup>7,8</sup> Sensor Switch®
EDAB	eldoLED SOLOdrive DALI. Logarithmic dimming to <1%.	ACC <sup>5</sup> 10ft aircraft cable and cord mount	nLight® dimming pack controls 0-10V eldoLED drivers.
EDXB	eldoLED POWERdrive DMX with RDM (remote device management). Square Law dimming to <1%. Includes termination resistor. Refer to <a href="#">DMXR Manual</a> .	ACC180 <sup>5</sup> 15ft aircraft cable and cord mount	NPS80EZER <sup>7,8,9</sup> Sensor Switch®
EXA1	XPoint Wireless, eldoLED 0-10V ECOdrive. Linear dimming to 1%. Refer to XPoint tech sheet.		nLight® dimming pack controls 0-10V eldoLED drivers. ER controls fixtures on emergency circuit operation.
EXAB	XPoint Wireless, eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1%. Refer to XPoint tech sheet.		
			Architectural Colors - Powder Paint <sup>10</sup>
			DWHG Matte white (standard)
			DDB Dark bronze
			DBL Black
			DWH Gloss white
			DMB Medium bronze
			DNA Natural aluminum
			DSS Sandstone
			DGC Charcoal grey
			DTG Tennis green
			DBR Bright red
			DSB Steel blue





MILLENIUM™ REGRESSED DOWNLIGHT

HRDL SERIES – NON-IC RATED LED

- PRODUCT FEATURES:
- » 6" recessed downlight with sealed, regressed lens
  - » Peace of Mind Guarantee™ against breakage
  - » Delivered lumens: 1,550 - 3,300 lm
  - » 1% dimming via 0-10V control



SPECIFICATIONS

**HEAT SINK:** Die-cast aluminum with external radial fins for natural convection.

**MOUNTING FRAME:** 18-gauge die-formed, corrosion-resistant steel. Vertically-adjustable collar accommodates ceiling thicknesses between ½" and 2"; adjustable post-installation. Adjustable mounting bars for installation with wood and steel frame joints and T-grid ceiling systems spaced up to 24" on-center. Junction box accessible post installation from above and below ceiling. (6) ½" knockouts. Rated for (8) 12AWG 90°C branch circuit conductors (4 in, 4 out).

**TRIM/FINISHING SECTION:** Trim constructed of marine-grade die-cast aluminum with flat white acrylic finish. Finishing section secures to mounting frame with one regressed, tamper-resistant Torx® fastener.

**OPTICAL:** Spun aluminum reflector with clear semi-specular, anodized finish standard. High-efficiency mixing chamber design with regressed diffused lens produces homogeneous light output.

**ELECTRICAL:** Serviceable composite-bodied mid-power LED array. Available 3000K, 3500K, 4000K and 5000K color temperatures with maximum 3-step MacAdam variation allowance. Minimum 80 CRI standard with optional minimum 90CRI available. 120/277VAC or 347VAC, 50/60Hz electrical input with serviceable high power factor electronic, constant-current driver (<10% THD, >0.90 PF). Minimum 85% driver efficiency. Standard 0-10V dimming with 1-100% range; 200µA maximum source current. EMC meets or exceeds FCC CFR Part 15 Class A requirements.

**PHOTOMETRICS:** Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For photometric information, go to [www.kenall.com](http://www.kenall.com).

**WARRANTY:** Peace of Mind Guarantee® against breakage. One (1) year warranty against mechanical defects. Five (5) year warranty on LED lamps and power regulation components for defects resulting in a fixture lumen depreciation of 30% or greater.

**LISTINGS:** Luminaire is certified to UL standards by Intertek Testing Laboratory for non-IC and Wet Location installations. IP64 rating per IEC60598. Optional CCEA compliant.



ORDERING INFORMATION (Ex: HRDL6L-19L-35K8-DV-DCC-FW-CSS-TTG-FS)

Model	Lamp Power	Lamp Color	Voltage	Driver Type	Trim Finish	Reflector Finish	Lens Type	Options
<b>HRDL6L</b>	<b>19L</b>	<b>40K8</b>	<b>DV</b>	<b>DCC</b>	<b>FW</b>	<b>CSS</b>	<b>TTG</b>	
<b>Lamp Power</b>		<b>Lamp Color</b>		<b>Trim Finish</b>		<b>Lens Type</b>		
<b>19L</b>	19 Watt LED	<b>30K8</b>	3000K / 80 CRI min.	<b>FW</b>	Flat White (Standard)	<b>TTG</b>	.187" Textured Tempered Glass	
<b>31L</b>	31 Watt LED	<b>30K9</b>	3000K / 90 CRI min.	<b>CC</b>	Custom Color (Consult Factory)	<b>Options</b>		
		<b>35K8</b>	3500K / 80 CRI min.	<b>Reflector Finish</b>		<b>LEL</b>	Emergency Battery Backup with Remote Test Switch/Indicator	
		<b>35K9</b>	3500K / 90 CRI min.	<b>CSS</b>		<b>FS</b>	Fuse & Holder	
		<b>40K8</b>	4000K / 80 CRI min.	<b>LGW</b>		<b>CCEA</b>	CCEA Approved	
		<b>40K9</b>	4000K / 90 CRI min.					
		<b>50K8</b>	5000K / 80 CRI min.					
		<b>50K9</b>	5000K / 90 CRI min.					
		<b>Voltage</b>						
		<b>DV</b>		120-277 Volts				
		<b>347</b>		347 Volts				
		<b>Driver Type</b>						
		<b>DCC</b>		0-10V Dimming Constant Current				