

ZONING REVIEW

UNINCORPORATED MULTNOMAH COUNTY

Land Use Planning Division



www.multco.us/landuse ▪ Email: land.use.planning@multco.us ▪ Phone: (503) 988-3043

Review #: BP-2024-0107 New Permit Request Plan Revision

Permit Description: Temporary office trailer for construction of raw water pipeline

Property Address: 36800 - 36910 SE Lusted Rd

Map #: 1S4E23C-01500 Alt Acct #: R649716620 Prop. ID #: R237225

Contact Person: Robert Fraley Phone #: 503-319-9207

Important information for Plans Examiners and Building Inspectors: Please see comments, restrictions, and conditions below. If the building permits are not issued / final within the timeframe identified, or if revisions are proposed, please contact Multnomah County Land Use Planning, as additional zoning review may be necessary for the project to continue.

County Zoning (Land Use Planning)

Use of Structure: Temporary Office Trailer Zoning: RR/SEC-h/GH

Related Land Use Permit #(s): T3-2022-16220, T2-2024-0062

Minimal Impact Project Erosion & Sediment Control Geologic Hazards

Additional Requirements: Temporary use shall be removed from the property in compliance with Temporary Permit, T2-2024-0062.

No Ground Disturbance Allowed Erosion Control Inspection Stormwater System Required

Final Site Inspection by County Required Prior to Issuance of Certificate of Occupancy

Issue Building Permits By: Completed Foundation By: Building Permits Finaled By:

Comments: Trailer(s) are to be used for construction of PWB raw water pipeline and may not be used for any other purposes.

Signature: *Lisa Estrin* Date: 11/15/24

County Transportation / Right-of-way

Completed Transportation Review Approval Form attached in lieu of signature.

Comments: Signature: *Lisa Estrin* Date: 11/15/24

City of Portland Sanitarian

Completed Septic Review Certificate attached.

Comments: Signature: Date:



10/3/2024



Expires: 12/31/2024

Digitally signed
by Thierry
Leboulch
Date: 2024.10.07
08:35:14 -0500

**BULL RUN FILTRATION
(3) 12 X 60 MODULAR UNITS**

36800 SE LUSTED RD
BORING, OR 97009

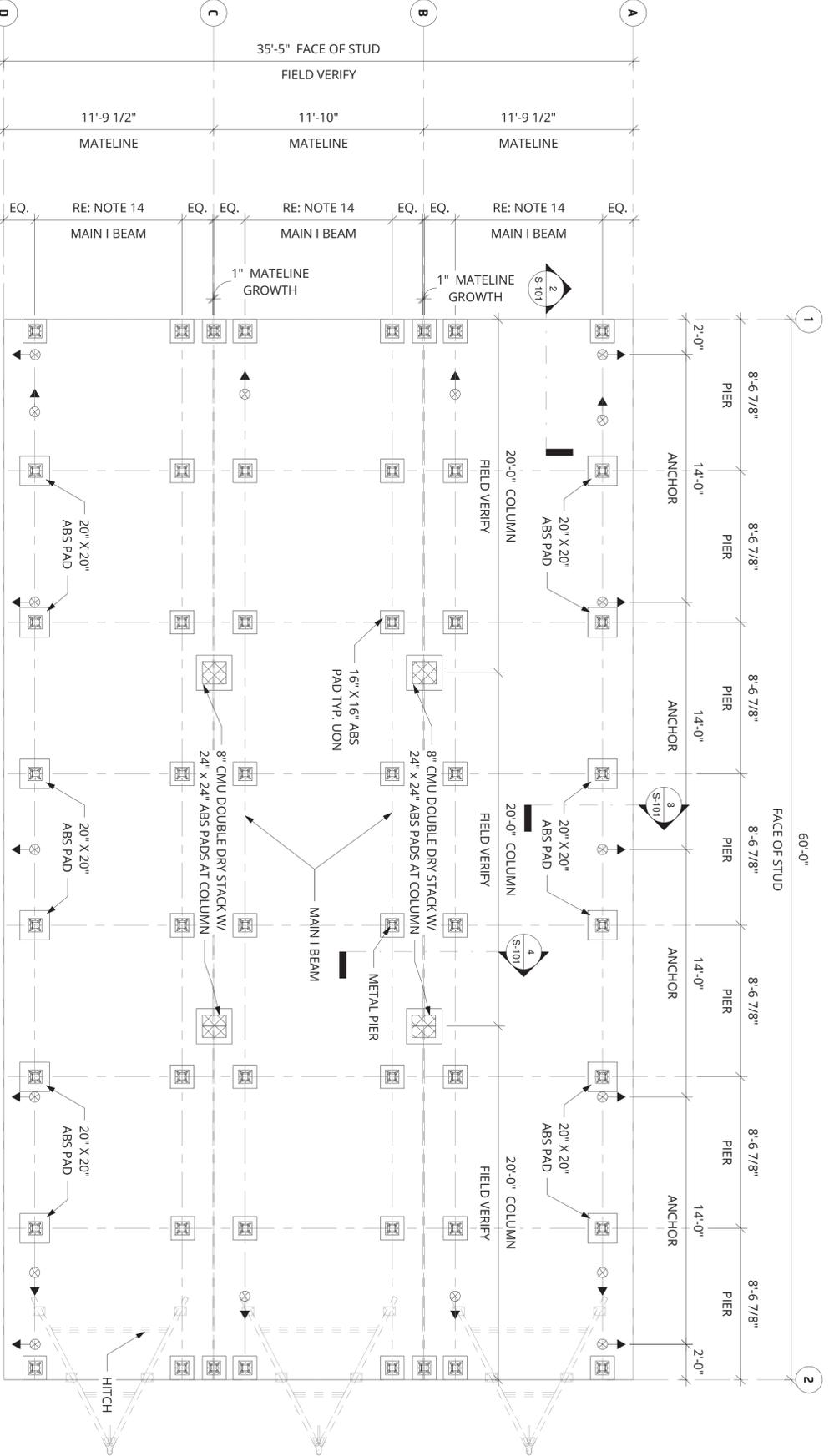


ISSUE	DATE	DESCRIPTION

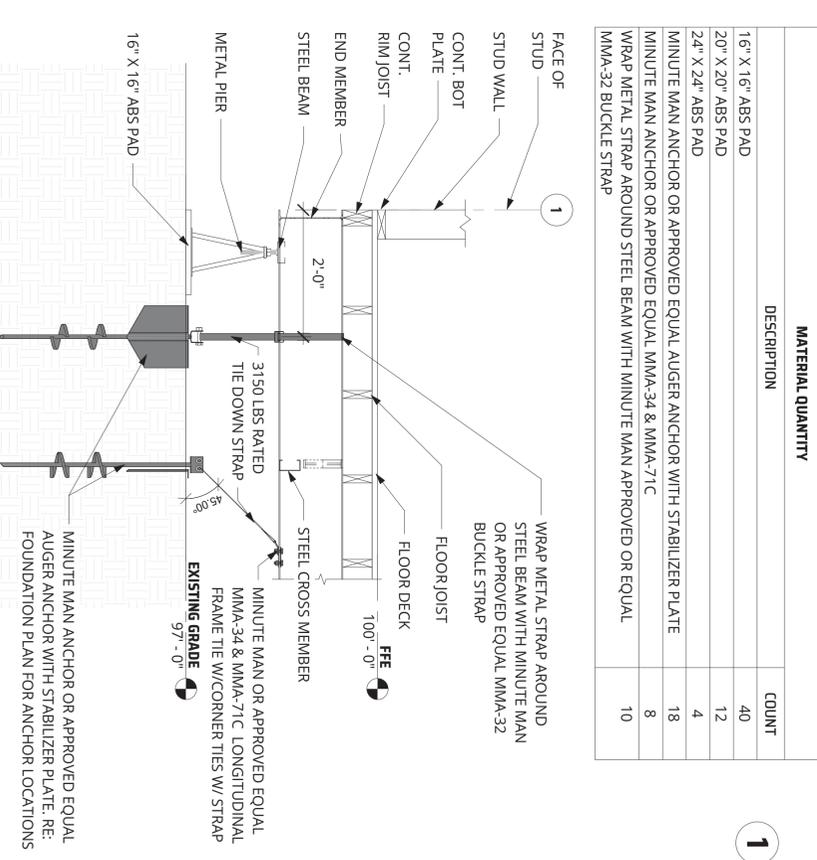
FILE #:	WS2024-1427
DRAWN BY:	AD
DATE:	10/2/2024
REP:	RICK RAHVEL
ASSET #:	ERLEX
MODEL:	CR-11650

**FOUNDATION PLAN
AND SECTIONS**

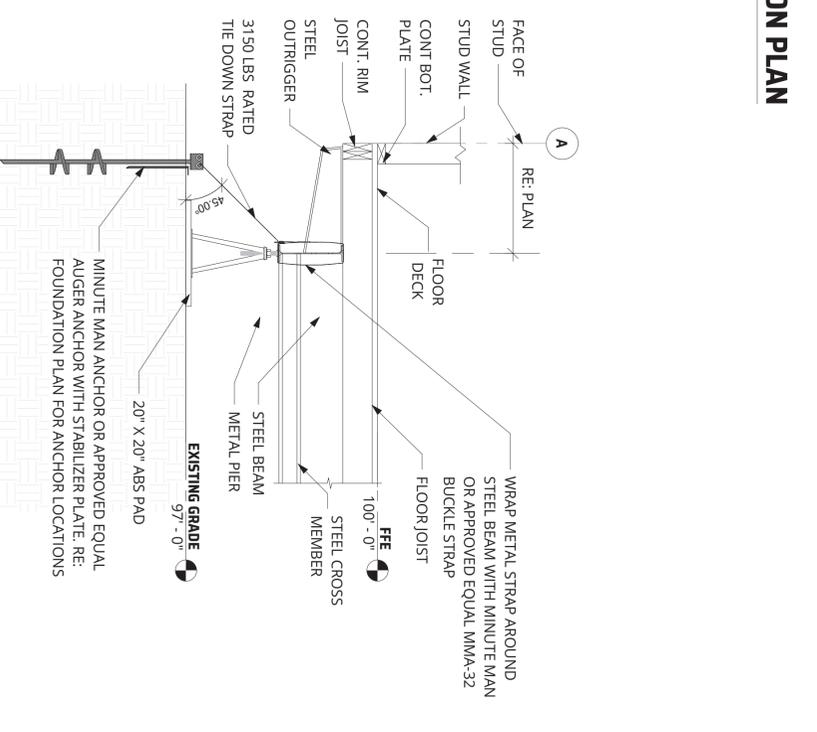
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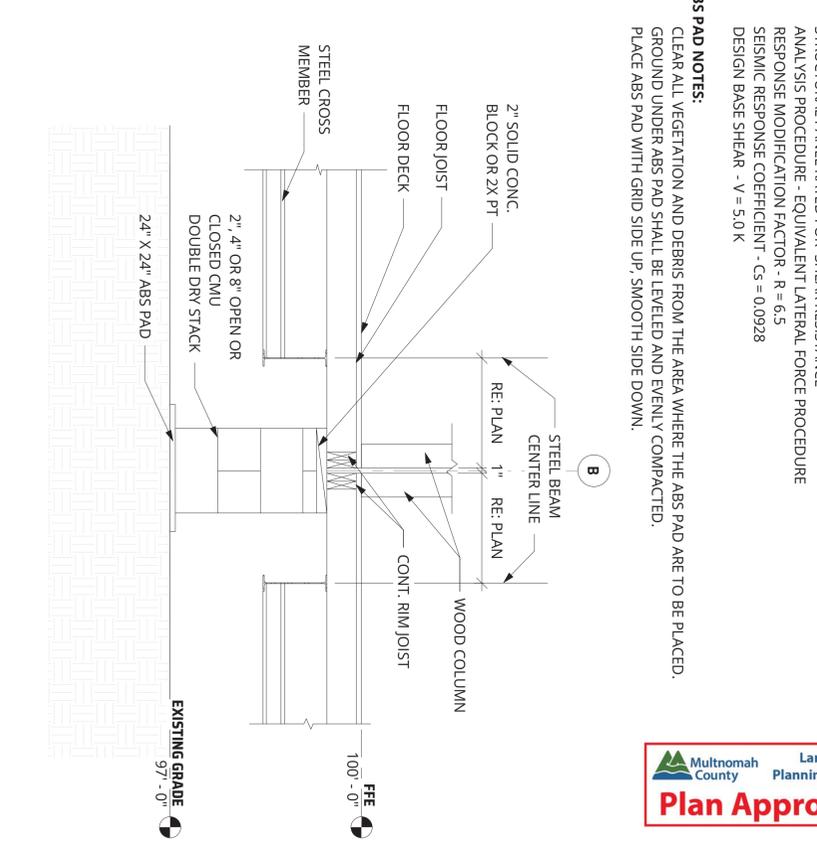
1 FOUNDATION PLAN
3/4" = 1'-0"



2 END WALL SECTION
3/4" = 1'-0"



3 OUTRIGGER SECTION
3/4" = 1'-0"



4 COLUMN MATELINE SECTION
3/4" = 1'-0"

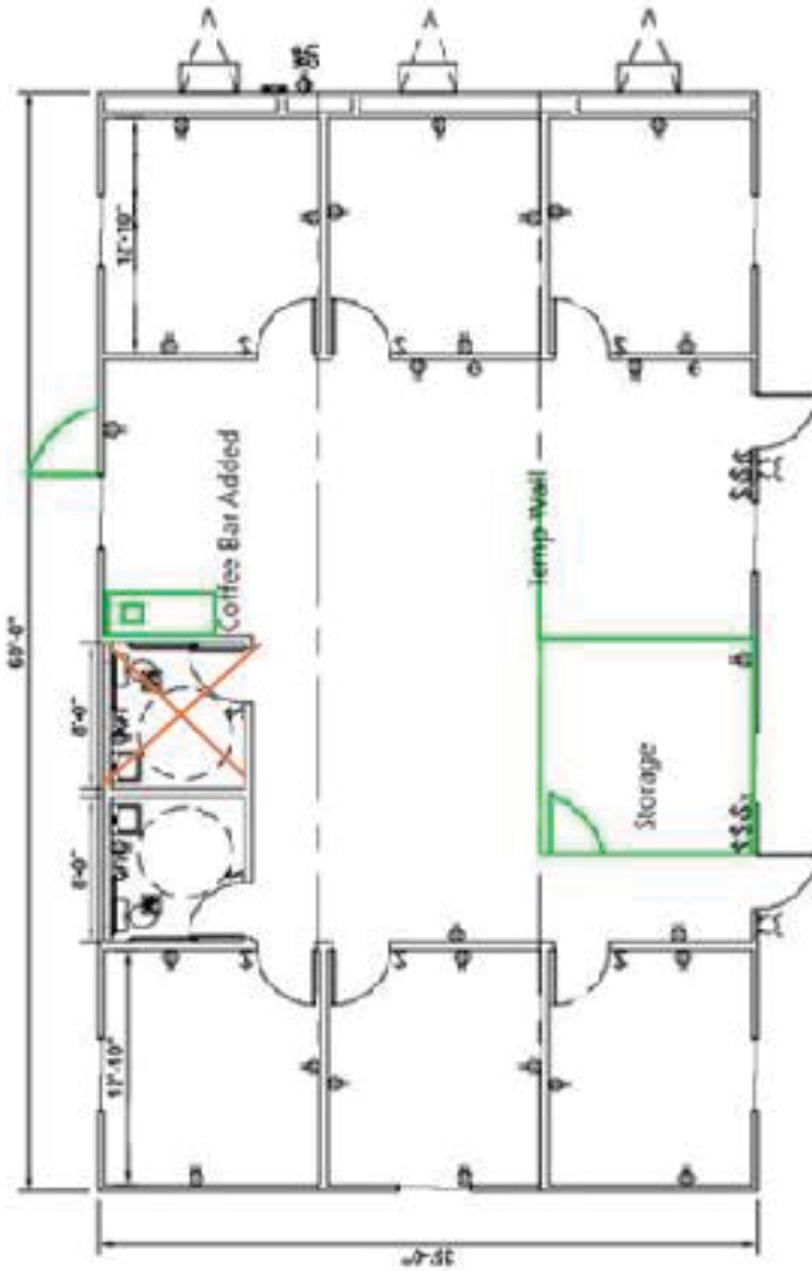
- FOUNDATION NOTES:**
- FOUNDATION REVIEW AND INSPECTION IS TO BE PERFORMED BY THE LOCAL OFFICIAL HAVING JURISDICTION.
 - UNIT MAY BE SHIMMED AS REQUIRED BETWEEN TOP OF PIER AND MODULAR UNIT FRAME. HARDWOOD, METAL OR ABS SHIM CAN BE USE. WEDGE SHIM SHALL BE USED IN PARS.
 - THE-DOWN STRAPS TO BE 1-1/4" X .035" TYPE-1, FINISH B, GRADE I ZINC COATED STEEL STRAPPING AS CONFORMING WITH ASTM D3953-91. THE DOWN STRAPS AND CONNECTING HARDWARE SHALL HAVE 3150# MINIMUM WORKING CAPACITY.
 - UNDERGROUND UTILITY LOCATIONS ARE THE RESPONSIBILITY OF OTHERS. ALL UNDERGROUND UTILITY LOCATIONS MUST BE VERIFIED PRIOR TO ANY EXCAVATION.
 - PROVIDE 1 SQUARE FOOT OF CRAWL SPACE VENTILATION FOR EACH 150 SQUARE FEET OF CRAWL SPACE AREA. IF SUITABLE VAPOR BARRIER IS PROVIDED RATIO CAN BE INCREASE TO 1/1500.
 - PROVIDE MINIMUM CRAWL SPACE UNDER ACCESS UNIT OF 18" X 24".
 - DIMENSIONS SHALL BE FIELD VERIFIED.
 - FINISHED FLOOR ELEVATION FFE = 100'-0" IS FOR REFERENCE ONLY.
 - ALLOWABLE SOIL BEARING CAPACITY IS 2500 PSF.
 - FIELD VERIFY EXISTING CONDITION. IF THERE ARE DISCREPANCIES THE ENGINEER OF RECORD SHALL BE NOTIFIED.
 - MINUTE MAN PRODUCT SHALL BE INSTALLED PER MANUFACTURER SPECIFICATION.
 - ALL PIERS SHALL BE RATED FOR 6000 LBS.
 - DOUBLE DRY STACK CMU SHALL NOT EXCEED 48 INCHES IN HEIGHT WITHOUT PERIMETER CEMENT BONDING.
 - DIMENSION BETWEEN MAIN I BEAM SHALL BE FIELD VERIFIED BEFORE THE SETUP OF MODULAR UNITS.
- BUILDING LEGEND:**
- INDICATES MINUTE MAN ANCHOR OR APPROVED EQUAL AUGER ANCHOR WITH STABILIZER PLATE. TOP OF ARROW INDICATES ANCHOR LOCATION.
- DESIGN LOAD:**
- BUILDING CODE: 2022 OR STRUCTURAL SPECIALTY CODE
- | | |
|-------------------------|----------|
| ROOF LIVE LOAD | =20 PSF |
| FLOOR LIVE LOAD | =50 PSF |
| FLOOR DEAD LOAD | =10 PSF |
| ROOF DEAD LOAD | =10 PSF |
| EXTERIOR WALL DEAD LOAD | = 60 PLF |
- WIND SPEED**
V = 98 MPH (U.I.D)
V = 76 MPH (ASD)
EXPOSURE C
INTERNAL PRESSURE COEFFICIENT GCPI = ± 0.18
RISK CATEGORY II
- SNOW LOAD + RAIN-ON-SNOW SURCHARGE:**
ROOF SNOW LOAD P1 = 25 PSF
- SEISMIC LOADS:**
RISK CATEGORY - II
MAPPED SPECTRAL RESPONSE ACCELERATIONS - Ss = 0.754, S1 = 0.33
SITE CLASS - D
SPECTRAL RESPONSE COEFFICIENT - Sds = 0.603, Sd1 = 0.433
SEISMIC DESIGN CATEGORY D
BASIC FORCE RESISTING SYSTEM - LIGHT FRAMED WOOD WALL SHEATHED WITH WOOD STRUCTURAL PANEL RATED FOR SHEAR RESISTANCE
ANALYSIS PROCEDURE - EQUIVALENT LATERAL FORCE PROCEDURE
RESPONSE MODIFICATION FACTOR - R = 6.5
SEISMIC RESPONSE COEFFICIENT - Cs = 0.0928
DESIGN BASE SHEAR - V = 5.0 K

- ABS PAD NOTES:**
- CLEAR ALL VEGETATION AND DEBRIS FROM THE AREA WHERE THE ABS PAD ARE TO BE PLACED.
 - GROUND UNDER ABS PAD SHALL BE LEVELLED AND EVENLY COMPACTED.
 - PLACE ABS PAD WITH GRID SIDE UP, SMOOTH SIDE DOWN.

LAYOUT

UNIT

Triplewid
e 60'X36'



 Multnomah County Land Use Planning Division
Plan Approved



4646 E VAN BUREN ST, STE 400
PHOENIX AZ, 85008

800.782.1500

willscot.com

August 29, 2024

All lighting on the modular units delivered and installed by WillScot at the Bull Run Water Filtration project will meet or exceed compliance with the Dark Sky Lighting Standard [MCC 39.4375(H), MCC 39.6850]

Sincerely,
Richard Rayhel – Product Sales Manager



RIGHT FROM THE START



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PHOENIX AZ, 85008

800.782.1500

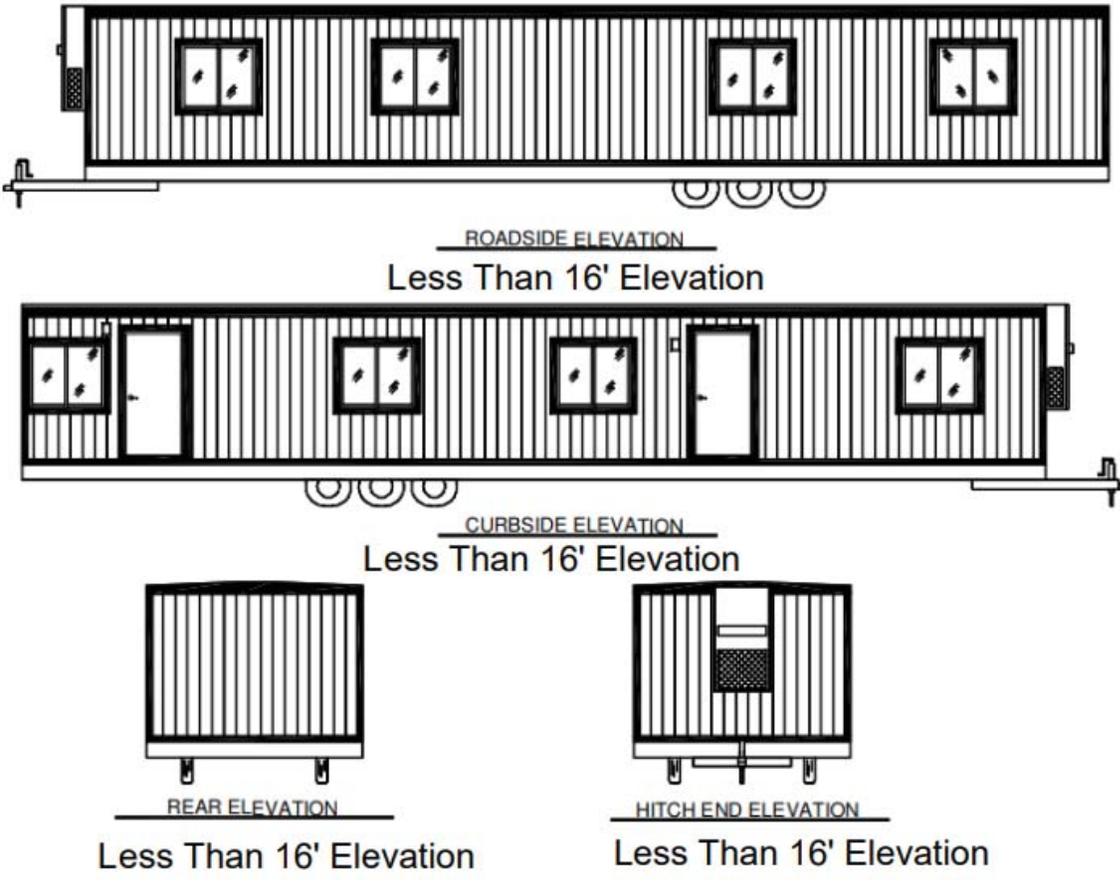
willscot.com



August 29, 2024

All prefabricated modular units delivered and installed by WillScot onsite at the Bull Run Water Filtration project will be less than 16' in height when installation is completed.

Sincerely,
Richard Rayhel – Product Sales Manager



RIGHT FROM THE START

STORMWATER DRAINAGE CONTROL CERTIFICATE

Land Use Planning Division



www.multco.us/landuse ▪ Email: land.use.planning@multco.us ▪ Phone: (503) 988-3043

> 500 SQUARE FEET OF NEW / REPLACED IMPERVIOUS SURFACES

NOTE TO PROPERTY OWNER/APPLICANT: Please have an Oregon Licensed Professional Engineer fill out this Certificate and attach a signed site plan, stamped and signed storm water system details, and stamped and signed storm water calculations used to support the conclusion. Please note that replacement of existing structures does not provide a credit to the square footage threshold.

Property Address or Legal Description: 36800 SE Lusted Rd Boring OR 97009

Description of Project: Temporary permit for onsite construction administration office trailers at the Filtration Facility site

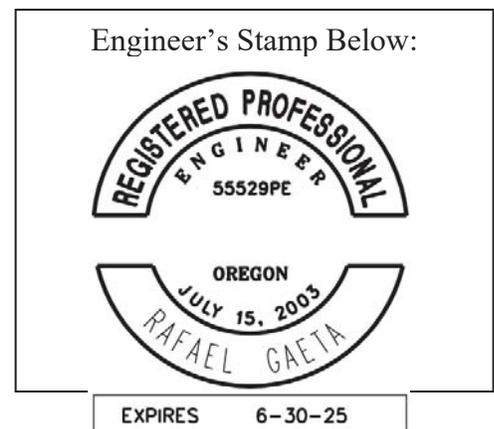
The following stormwater drainage control system will be required:

- Use of Gutter, downspout, and splash block drainage control system;
- Natural Infiltration Process; or
- Construction of an on-site storm water drainage control system.

The rate of stormwater runoff attributed to the new/replaced development for a 10-year/24-hour storm event will be no greater than that which existed prior to any development as measured from the property line or from the point of discharge into a water body with the use of the designated system [MCC 39.6235].

I certify the attached signed site plan showing the areas needed for the chosen system type, stamped and signed storm water system design details, and stamped and signed calculations dated 11/05/2024 will meet the requirements listed above.

Signature: Rafael Gaeta 2024.11.05 11:00:45-08'00'
Print Name: Rafael Gaeta
Business Name: Emerio Design
Address: 6445 SW Fallbrook Place, Suite 100
Phone #: 503-746-8812
Email: rafael@emeriodesign.com
Date: 11/05/2024



NOTE TO ENGINEER: Please check one box above. Multnomah County does not use the City of Portland's storm water ordinance. As part of your review, MCC 39.6235 requires that you must consider all new, replaced, and existing structures and impervious areas and determine that the newly generated stormwater from the new or replaced impervious surfaces is in compliance with Multnomah County Code for a 10-year/24-hour storm event. This Storm Water Drainage Control Certificate does not apply to shingle or roof replacement on lawfully established structures.

WP0202 Series

FULL CUTOFF LED WALL PACK

Project Name:	
Catalog Number:	
Notes:	



Features & Specifications:

Construction

- Rugged die-cast aluminum, corrosion-resistant housing.
- Dark bronze polyester powder-coat finish.

Electrical

- Universal 120-277VAC input voltage.

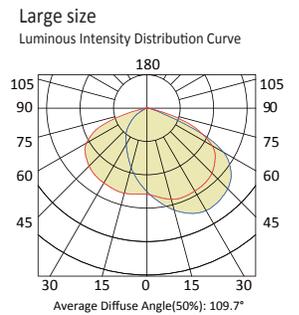
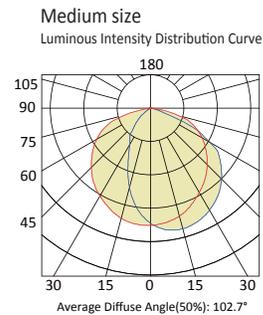
Lifespan

- Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Product Description

The full cutoff LED wall pack provides energy-efficient exterior lighting for any application requiring maximum performance and minimum maintenance. Its durable die-cast aluminum housing makes this wall pack virtually impenetrable to contaminants. The WP0202 Series is perfect for parking lots, walkways, garages, stairways, building perimeters, and any other outdoor spaces requiring additional safety and security.

PHOTOMETRICS



Certifications

- UL wet location listed.
- DesignLights Consortium™ Qualified.

Note: Please refer to the DLC website for specific product qualifications at www.designlights.org.

Optics

- Offered in a range of lumen outputs (from 3,900 to 18,000 Lumens)
- The anti-UV prismatic translucent lens is designed to distribute the light with uniformity and control any glare.

Warranty

- Five-year warranty.

Ordering Information							Example: RDWP020527W5KNNWMLC
Series	Wattage	CCT	Dimming	Photocell	Mounting	Voltage	Optics
RDWP0205	027=27W 045=45W 070=70W 090=90W 135=135W	5K=5000K 4K=4000K	N=Non-dimmable	N=Without Photocell P=With Photocell	WM=Wall Mount	L=120-277V	C=Clear Diffuser



2880 North Berkeley Lake Road NW, Suite 8 Duluth, GA 30096
Toll Free: 877-718-0808 Fax: 770-817-0127 www.konlite.com

For informa. onal purposes only.
Content is subject to change.

Rev. 4/30/23

POWER AND EQUIVALENTS

WP0202	Wattge	27W	45W	70W	90W	135W
	Equal	100W MH	175W MH	250W MH	400W MH	600W MH

PERFORMANCE DATA

Photometric Data

Lumen values are based on 277 AC input product configuration, contact for performance data on any configurations not shown here.

PART#	Wattage	Lumens	CCT	Voltage	Weight	DLC Product ID
RDWP02020274KNNWMLC	27W	3900 lm	4000K	120-277VAC	8.5 lb	N.A
RDWP02020275KNNWMLC	27W	3950 lm	5000K	120-277VAC	8.5 lb	N.A
RDWP02020454KNNWMLC	45W	6400 lm	4000K	120-277VAC	9.5 lb	N.A
RDWP02020455KNNWMLC	45W	6450 lm	5000K	120-277VAC	9.5 lb	N.A
RDWP02020704KNNWMLC	70W	9700 lm	4000K	120-277VAC	9.8 lb	N.A
RDWP02020705KNNWMLC	70W	9800 lm	5000K	120-277VAC	9.8 lb	N.A
RDWP02020904KDNWMLC	90W	12,200 lm	4000K	120-277VAC	12.9 lb	N.A
RDWP02020705KDNWMLC	90W	12,300 lm	5000K	120-277VAC	12.9 lb	N.A
RDWP02021354KNNWMLC	135W	18,000 lm	4000K	120-277VAC	13 lb	N.A
RDWP02021355KNNWMLC	135W	18,000 lm	5000K	120-277VAC	13 lb	N.A

Electrical Data

Wattage	AC Input Current (A)			
	120V	208V	240V	277V
27W	0.22	0.13	0.11	0.10
45W	0.37	0.22	0.19	0.16
70W	0.58	0.34	0.29	0.25
90W	0.75	0.43	0.37	0.32
135W	1.12	0.65	0.56	0.49

Lumen Maintenance

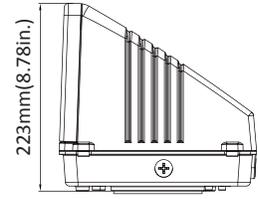
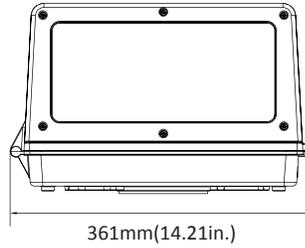
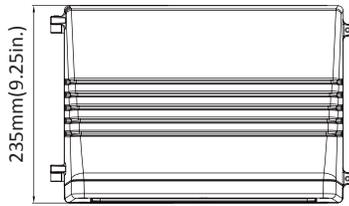
Operating hours	25,000	50,000	75,000	100,000
Lumen Maintenance Factor	>0.95	>0.89	>0.84	>0.79



FIXTURE DIMENSIONS AND WEIGHT

Medium Size

Net Weight
45W: 9.48 lb
70W: 9.81 lb



Large Size

Net Weight
90W: 12.92 lb
135W: 13.03 lb

