

SPECIFICATIONS

Outdoor freezer/cooler combo
Vinyl foam NSF gasket (1/16" joint thickness), Cam-lock layout #4

SPECIAL INSTRUCTIONS

Tamper-proof fasteners
Standard crating

WALL PANELS

Construction: 4" high density urethane (R-32)
Exterior Finish: Stucco galvalume
Interior Finish: Stucco galvalume
Ceiling connections: Camlock
Floor connections: Angle screed / CamLock

CEILING PANELS

Construction: 4" wood frame urethane (R-32)
Exterior Finish: 26 ga. stucco galvalume
Interior Finish: Stucco galvalume
Ceiling Caps: Factory mounted
Live Load: 20 psf

FLOOR PANELS

Model: Pallet Jack Floor panels model #PJFN
Manual pallet jacks only, 2000 lb rolling load maximum capacity
Construction: 3 1/2" high density urethane (R-28)
w/ .063 aluminum diamond tread (LP) @ interior
over 3/4" plywood
w/ Fiberglass grating @ 24"
w/ Metal @ exterior

DOORS

[A]: 36" x 78" flush model G3 self-closing freezer door
*** TAMPER-PROOF FASTENERS ***
*** LEAF WILL NOT BE RAISED UNLESS SPECIFIED OTHERWISE ***
Brand: American Walk-In Coolers
Frame: 4" high density urethane (R-32), 3-sided
w/ Stucco galvalume both sides
w/ 24 ga. stainless steel 430 (magnetic) liners
w/ 4-sided heat cable in frame [FL-4-79W]
(19'-3" x 9.5 ohms/ft (183 total) @ 4.1 W/ft + Pepi - 120V, 0.7A)
Leaf: 4" thick, 3-side lap, standard height
w/ Stucco galvalume both sides
w/ Magnetic gasket
(3) Component Hardware #W59 spring assisted adjustable hinge
(1) Component Hardware W19C latch w/ cylinder lock (chrome)
(1) Component Hardware #W28 inside release
(1) Kason #1094 hydraulic door closer (polished chrome)
(1) Weiss 24DT-L, single pole switch and thermometer combo @ ext.
(1) Kason #1808NM vapor proof LED light fixture
(1) Kason 1832 heated air vent (23W, 120V, .2A)
(1) .080 smooth aluminum threshold
36" high AFF .063 aluminum diamond tread (LP) kickplates (leaf, ext. & int.)

[B]: 48" x 84" overlap model G3 cooler door
*** TAMPER-PROOF FASTENERS ***
*** LEAF WILL NOT BE RAISED UNLESS SPECIFIED OTHERWISE ***
Brand: American Walk-In Coolers
Frame: 4" high density urethane (R-32), 3-sided
w/ Stucco galvalume both sides
w/ 16 ga. smooth galvanized liners
Leaf: 4" thick, 3-side lap, standard height
w/ Stucco galvalume both sides
w/ Magnetic gasket
w/ 2 1/4" black neoprene sweep
(3) Kason #1245 reversible cam-rise hinge
(1) Component Hardware W19C latch w/ cylinder lock (chrome)
(1) Component Hardware #W28 inside release
(1) Kason #1095 spring action door closer w/ door stop (polished chrome)
(1) Weiss 24DT-L, single pole switch and thermometer combo @ ext.
(1) Kason #1808NM vapor proof LED light fixture
(1) rain drip cover
36" high AFF .063 aluminum diamond tread (LP) kickplates (leaf, ext. & int.)

PARTS

(21) ea. Prefabricated floor seismic restraint system-Simpson Titen HD or similar concrete screws @ 24"o/c (unless otherwise noted)
(12) ea. Interior seismic tie-down @ ceiling level-(2" x 2") x 96" x Stucco galvalume
(5) ea. (6" x 1 1/2") x 96" x .080 smooth aluminum (w/ Simpson Titen HD screws) Combination interior cove base/seismic tie-down @ floor level
(1) Pkg. Sloped roof - Membrane roofing-Cut size: 22ft x 15ft - High end: 22ft side - Rise: 2 in.
(For free standing box. Does not attach to any building.) [QBRCS-228]
(1) Pkg. Sloped roof - ISO boards-[5 AA, 5 A, 5 B, 0 C, 0 Flat]
(1) ea. 48" deep, model #950e exterior ramp-Includes an extra 16" landing (64" total depth) and is 12" wider than opening for sill and stay rollers with non-skid strips
Finish: 10 ga. smooth galvanized
(Ramp has no toe and sits at same level as floor panels, unless otherwise specified here)

REFRIGERATION

(1) ea. System #1 - Outdoor R448a split system w/ EcoNET
8793 BTU/H @ 10.1F TD, 16.1 hr runtime @ -10F inside/95F outside room 95F @ cond. unit, 199ft altitude
(1) Russell R448a air cooled condensing unit #RF0300L4SDA
208-230V/1ø/60Hz/3HP Scroll compressor
MCA=22, MOPD =35, AWEF: 3.15
39.875W x 28.25D x 21.25H x 245lbs.
(1) Russell R448a Next-Gen All-Temp evaporator model #RL6E077DDARE
w/ (2) 2-speed EC motors (1A) & electric defrost (9.8A)
208-230V/1ø/60Hz
43.625W x 15.5D x 18.125H x 45lbs.

NOTES

Oregon Seal
Meets 2009 Federal Energy Independence and Security Act Requirements.

STANDARD NOTES

To prevent condensation, a minimum 2" from the walk-in exterior surface is required. High humidity conditions may require force ventilation in addition to clearance.

Installation site floor must be true and level within 3/16" per 10' or additional costs may be incurred.

R-Plus Doors sliding and vertical lift doors shall not be considered means of egress. Check code egress requirements for your application.

RECESSED PIT

Recess plan is provided to set min. size to allow panel installation. Recess depth, concrete floor above and below insulation, design, reinforcement, thickness & construction of concrete should be designed by a Qualified Professional Engineer familiar with cold storage design, the site conditions and end users application. See project contract documents. All concrete and excavation work & design is by others.

ELECTRICAL

Field electrician to verify maximum acceptable load for light switches.If load is too high, then relay type controls should be used.
After wiring devices, ALL conduits must be sealed to stop moisture transfer through electrical raceways.
Failure to seal device per NEC codes WILL VOID WARRANTY.

ENGINEERING

Foundation, special inspection, footings, anchor bolt embedment, edge distances and all reinforcing are to be designed by a qualified professional engineer based on concrete strength and specific soil condition at the building site.
Foundation and freezer pit to be designed for loads designated on plan and/or in engineering calculations.
All foundation dimensions to be field verified.
All mechanical unit anchorage and support to be designed by others.
All connectors or elements in contact with aluminum to be stainless steel (STL/STL).
If walk-in ceiling is suspended, existing roof structure to be designed by others for loads induced from new walk-ins where shown on plans and/or in engineering calculations.
Walk-in is designed for code applied loads.
Design does not include static pressure review.
Components of all doors, windows, and openings to be designed for loads induced by wind, design by others.
All loads are service loads.
Special Inspection is required per IBC 1704 and 1707 for post installed anchor bolts (for California, follow CBC 1704 and 1707).

REVISIONS

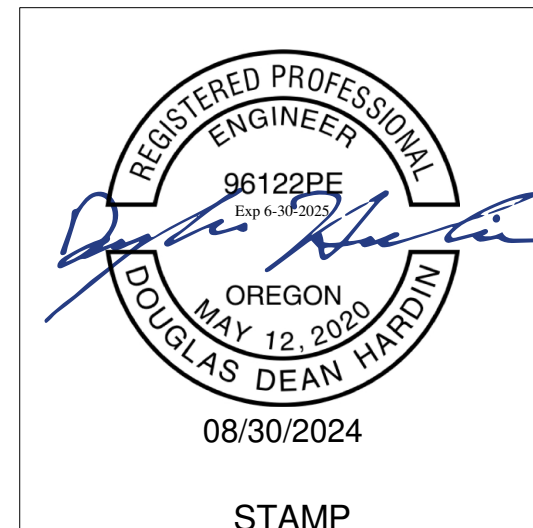
01 08/21/2024 Change door [A] to 3-sided frame and process order

DESIGN CRITERIA:
BASIC DESIGN LOADS:
ROOF DL = 5 PSF
ROOF LL = 20 PSF
GROUND SNOW LOAD = 10 PSF
DEAD LOAD OF MEMBRANE = 2 PSF

SEISMIC DESIGN DATA:
SEISMIC PARAMETERS:
Ss = 0.834 g
S1 = 0.394 g
Sds = 0.667 g
SDC = D
SITE CLASS = D-DEFAULT
RISK CATERGORY = II
IMPORTANCE FACTOR, I = 1.0
RESPONSE MODIFICATION FACTOR
R = 2.0 (SHEAR WALL)

WIND DESIGN DATA:
EXPOSURE CATEGORY = C
ULTIMATE WIND SPEED = 96 MPH
HORIZONTAL WIND PRESSURE = 16PSF
VERTICAL WIND PRESSURE = -16PSF

STRUCTURAL NOTE:
ANY FUTURE ROOF/CEILING LID MOUNTED EQUIPMENT NOT CURRENTLY SHOWN ON THE ENG STAMPED SHOP DRAWINGS SHALL BE COORDINATED WITH THE EOR PRIOR TO ANY INSTALLATION , TYP.



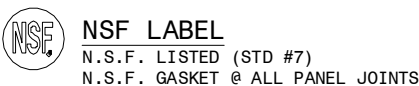
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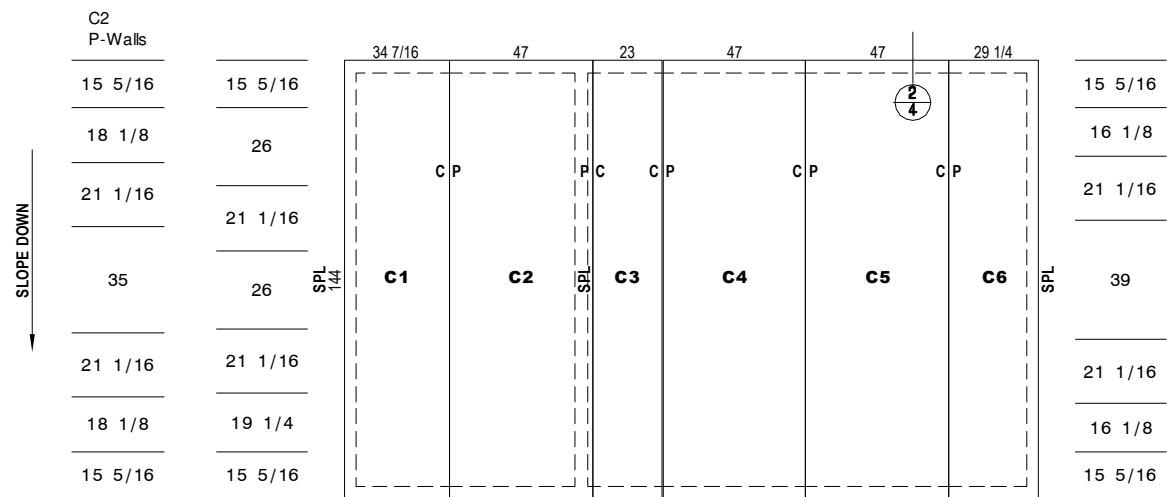
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AMERICAN WALK IN COOLERS LLC
Project #: STANDARD 2.2

Drafter:	Checker:
David Lowe	PR
Date:	Dwg No:
8/20/2024	24-AW-01878-01
Scale:	Sheet:
As Shown	1 OF 5



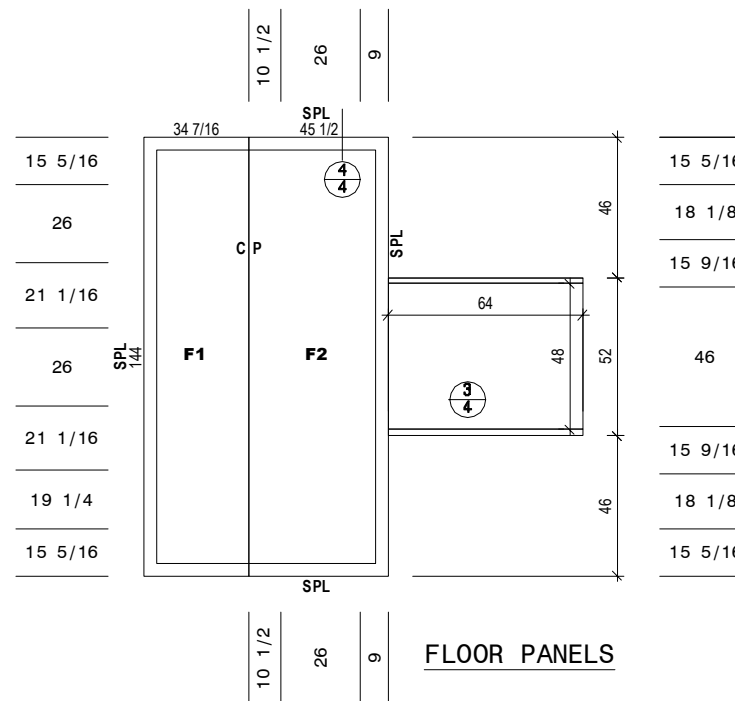
HIGH END

Note: Membrane roof slope is shown for drawing purposes only and can be installed to slope opposite if required.

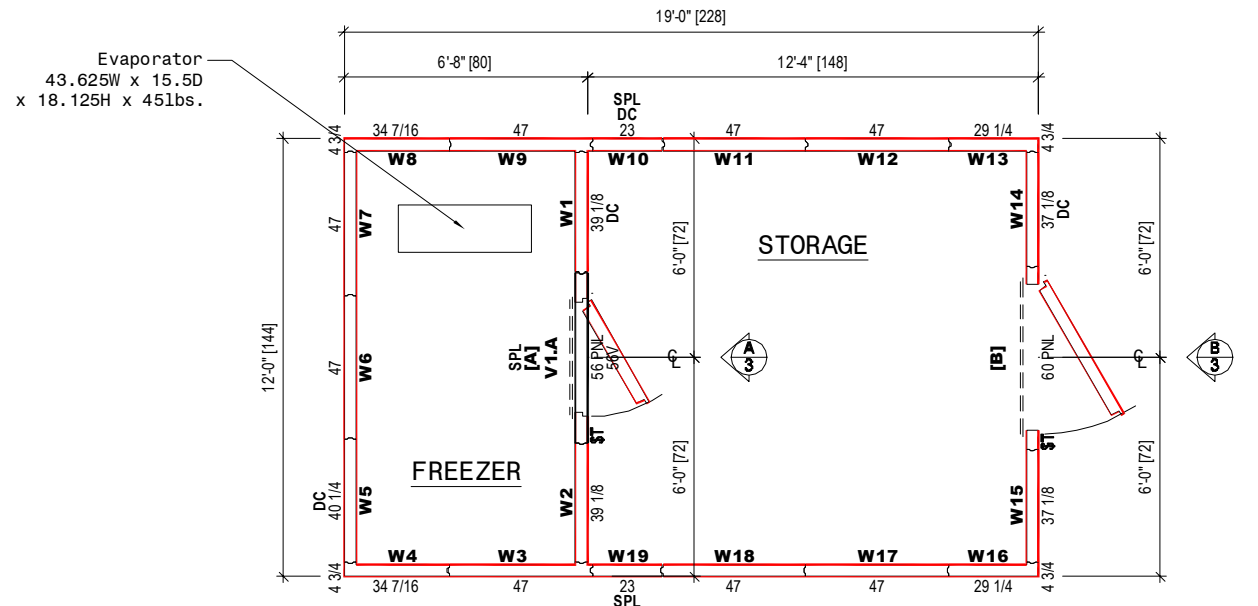


LOW END

CEILING PANELS

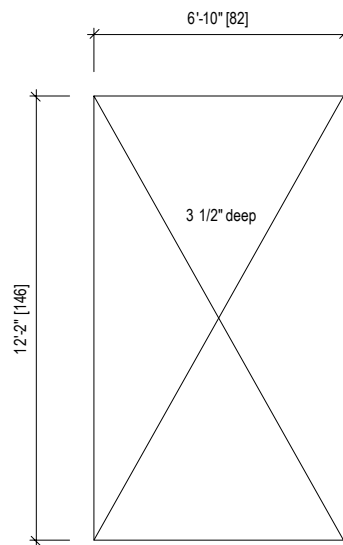


FLOOR PANELS



WALL PANELS

— Stucco galvalume



PIT LAYOUT

REGISTERED PROFESSIONAL ENGINEER
96122PE
Exp 6-30-2025
DOUGLAS DEAN HARDIN
OREGON
MAY 12, 2020
08/30/2024
STAMP



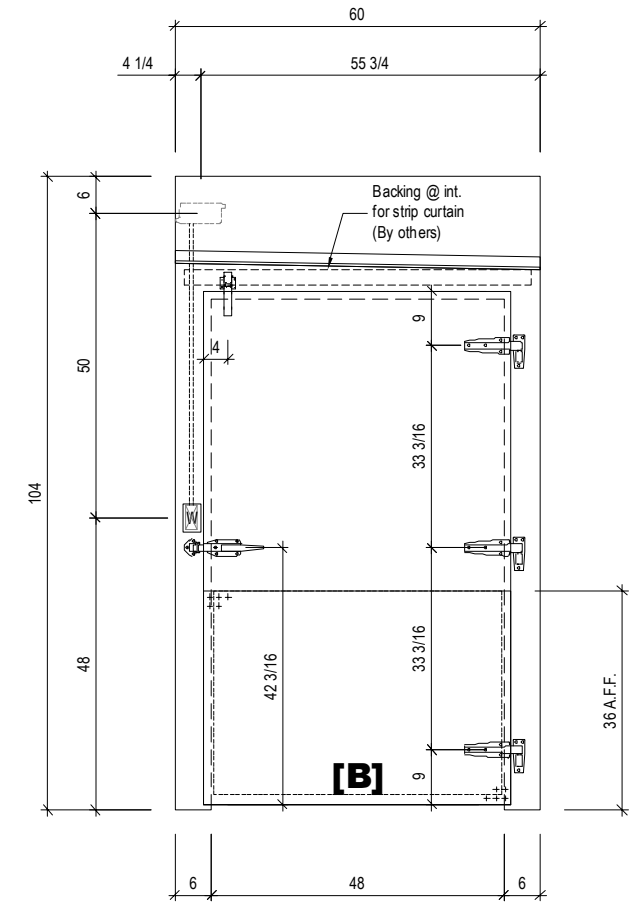
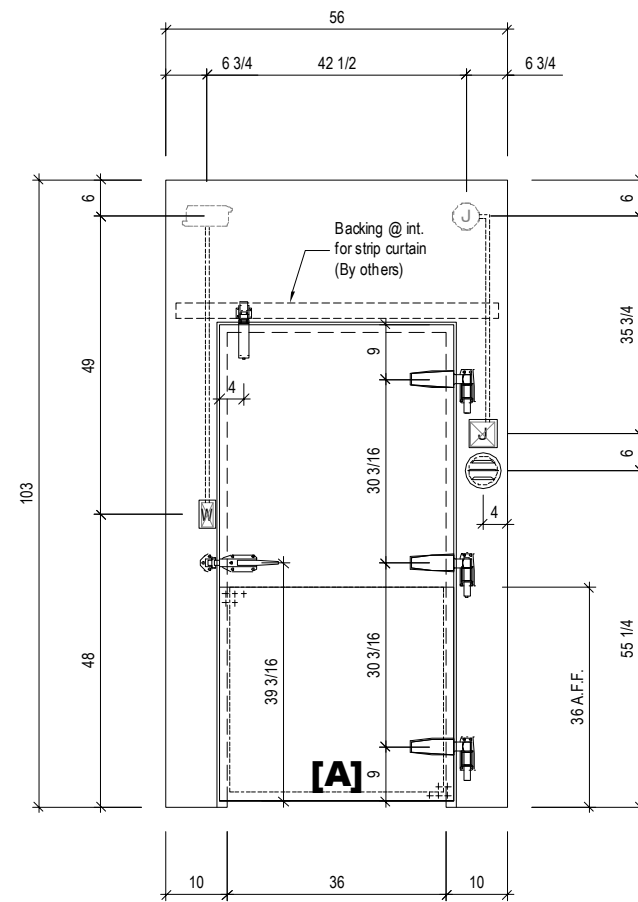
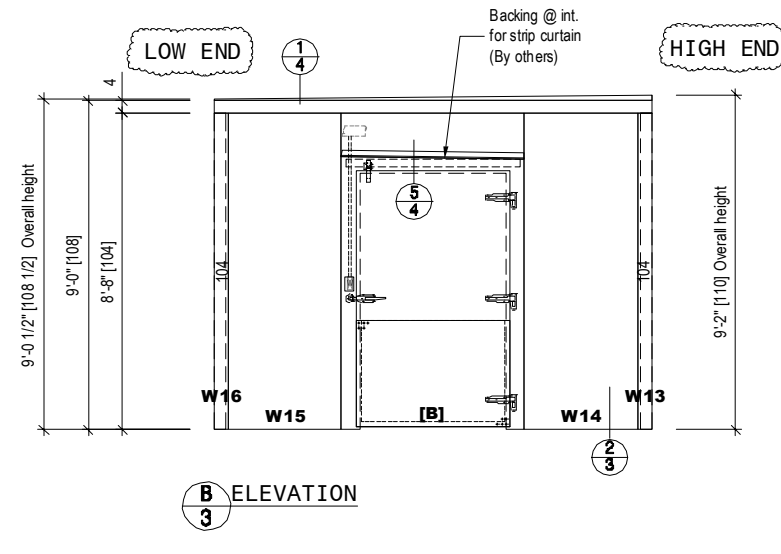
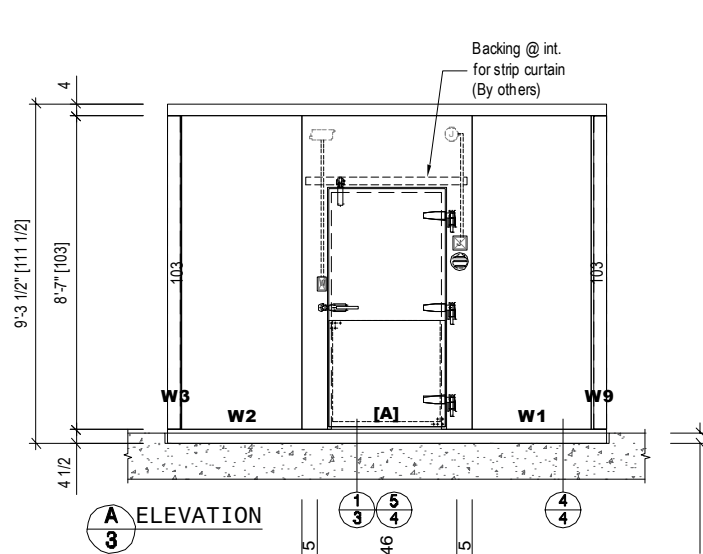
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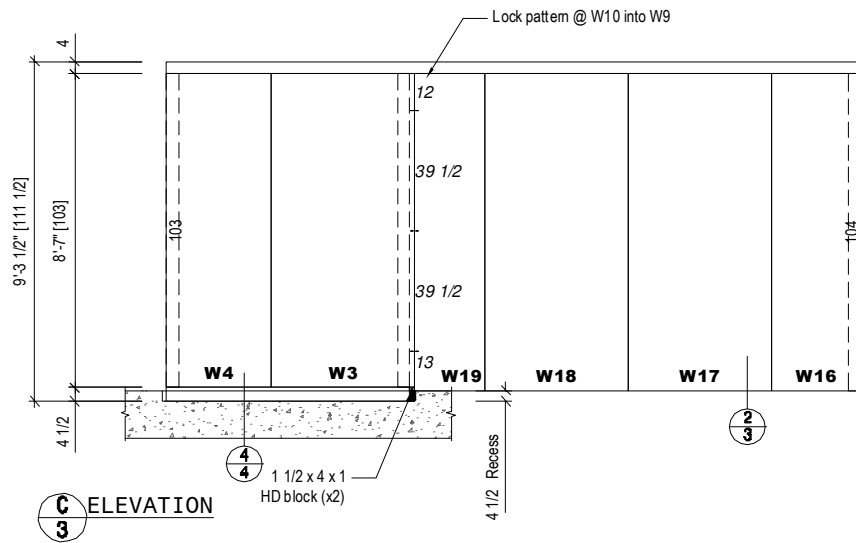
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COMPONENT LOCATIONS

COMPONENT LOCATIONS



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OREGON
MAY 12, 2020
DOUGLAS DEAN HARDIN
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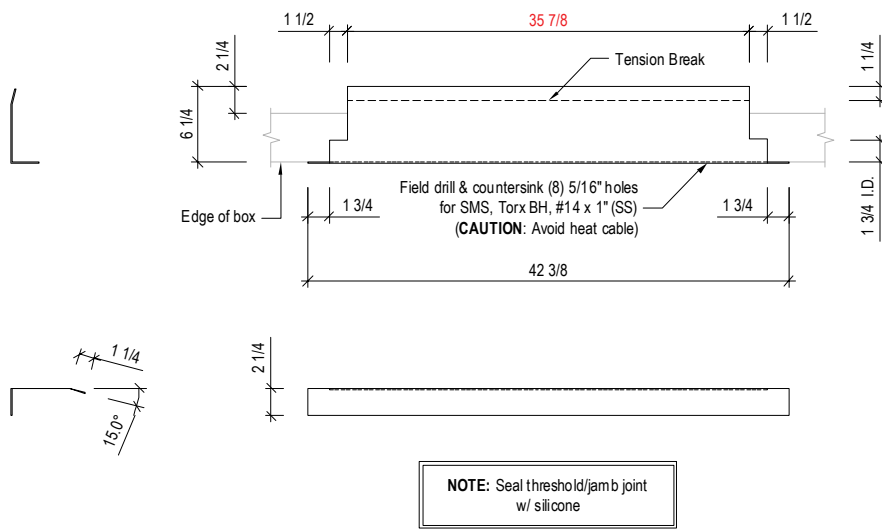
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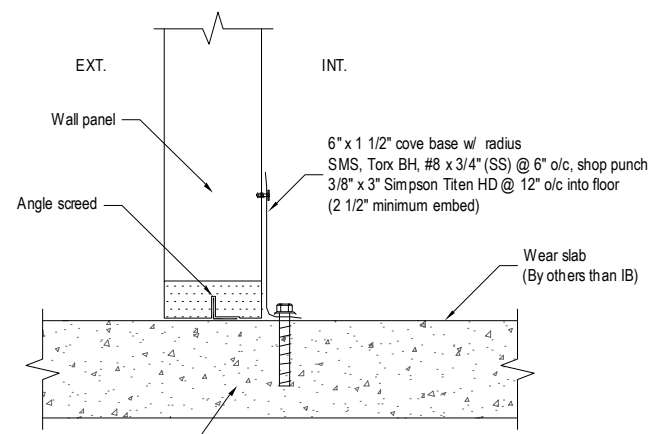
AWIC AMERICAN WALK IN COOLERS

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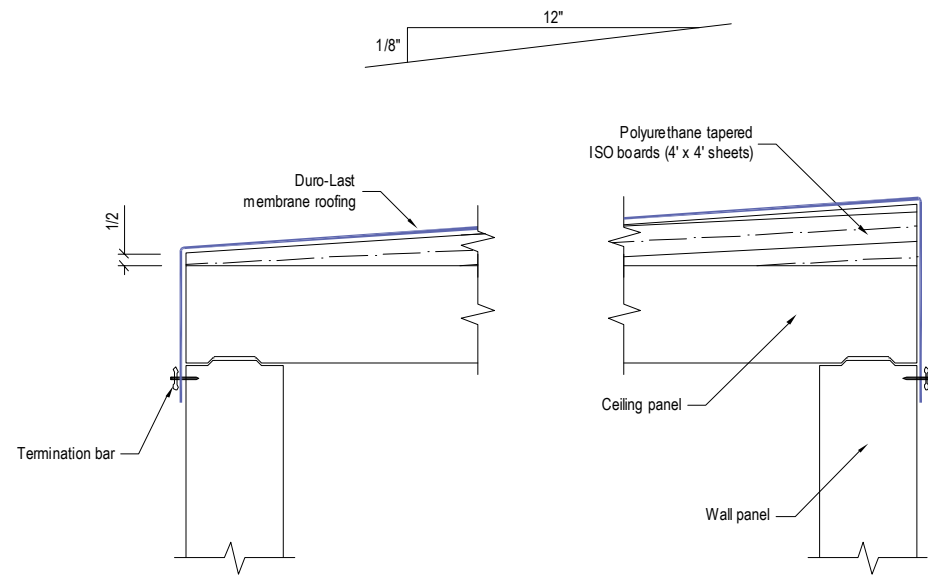
NOTE: Seal threshold/jamb joint w/ silicone



G.C./OWNER TO VERIFY
4" THICK 2,500 PSI CONCRETE

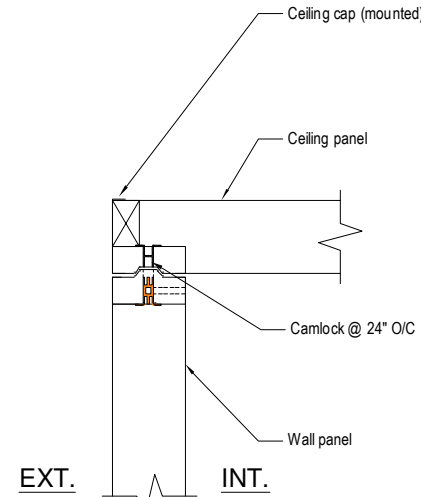
1
3 THRESHOLD FOR SWING DOOR
Flush G3, Panel frame, Angle

2
3 ANGLE SCREED

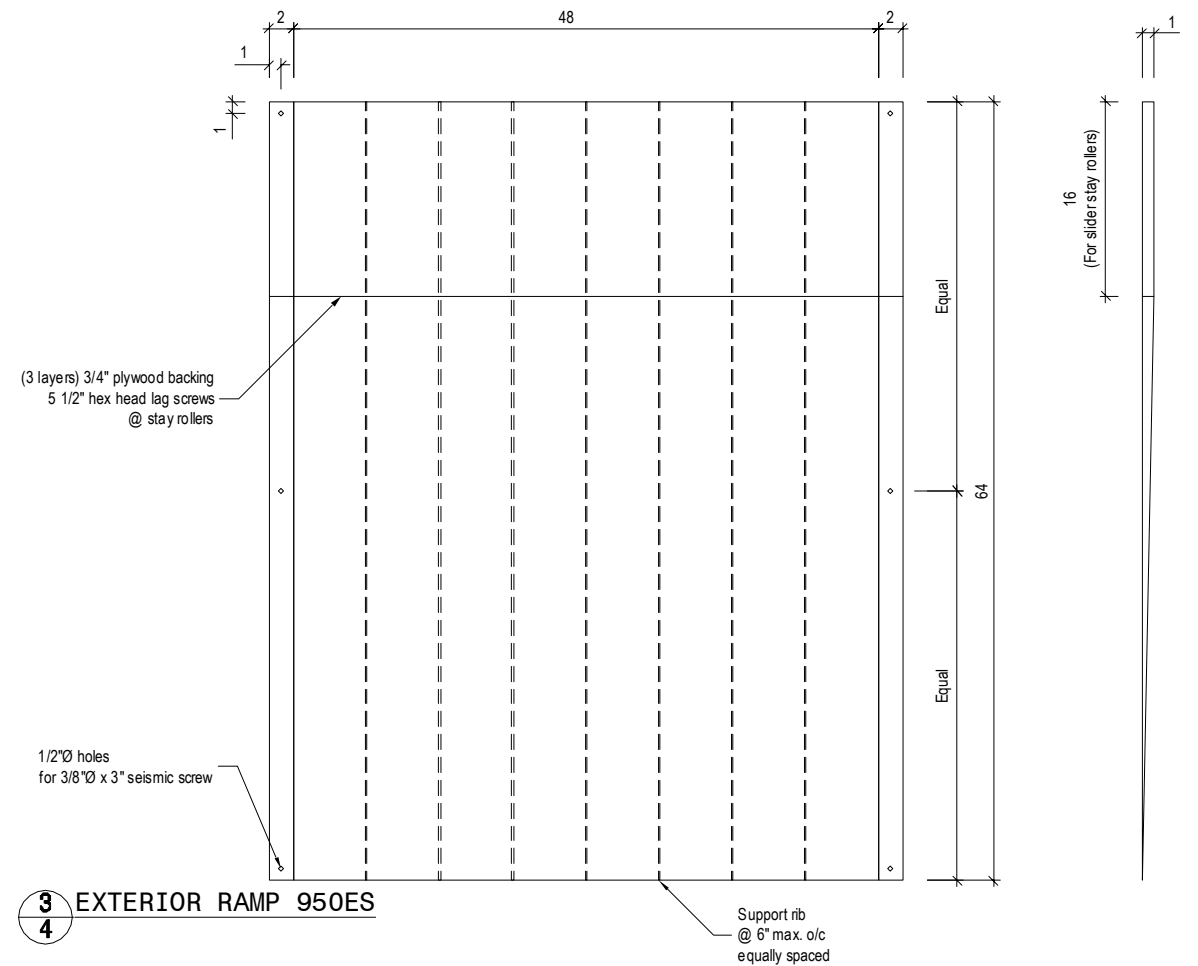


NOTE: Membrane roofing to be installed by DuroLast approved installers or roofing warranty will be void.

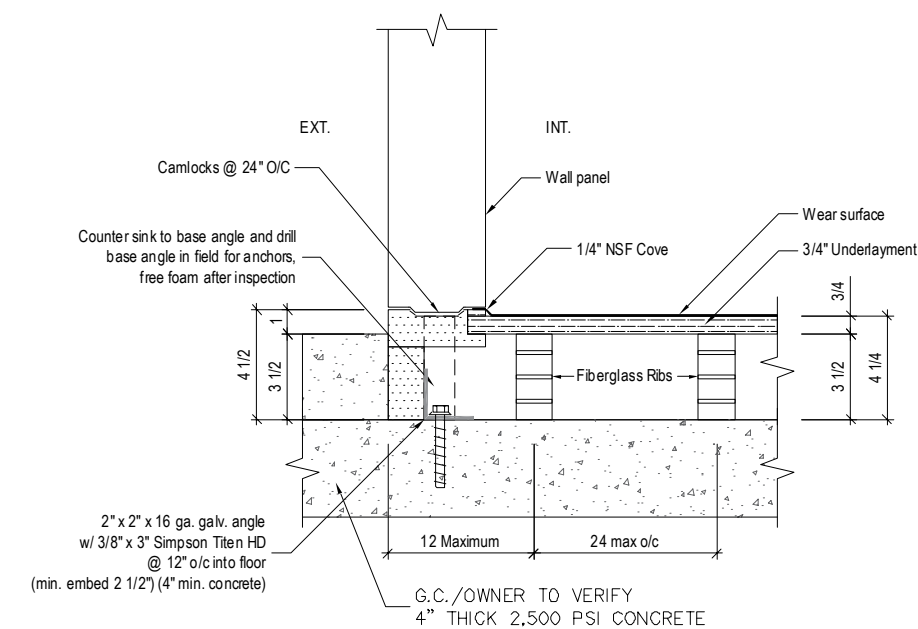
1 MEMBRANE ROOFING
4 Free Standing



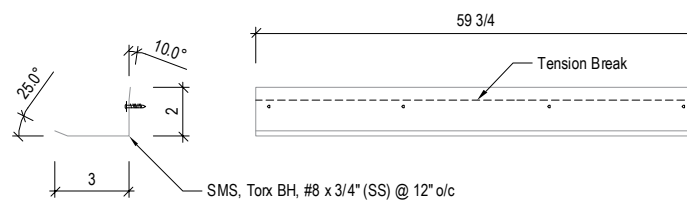
2 CEILING CONNECTION
4



3 EXTERIOR RAMP 950ES
4



4 4 1/2" RECESSED PJFN FLOOR
4 with Concealed Tie-downs



NOTE: Rain drip cover should be mounted @ 5 degrees to drain toward the hinge side of the door opening.

5 RAIN DRIP COVER
4



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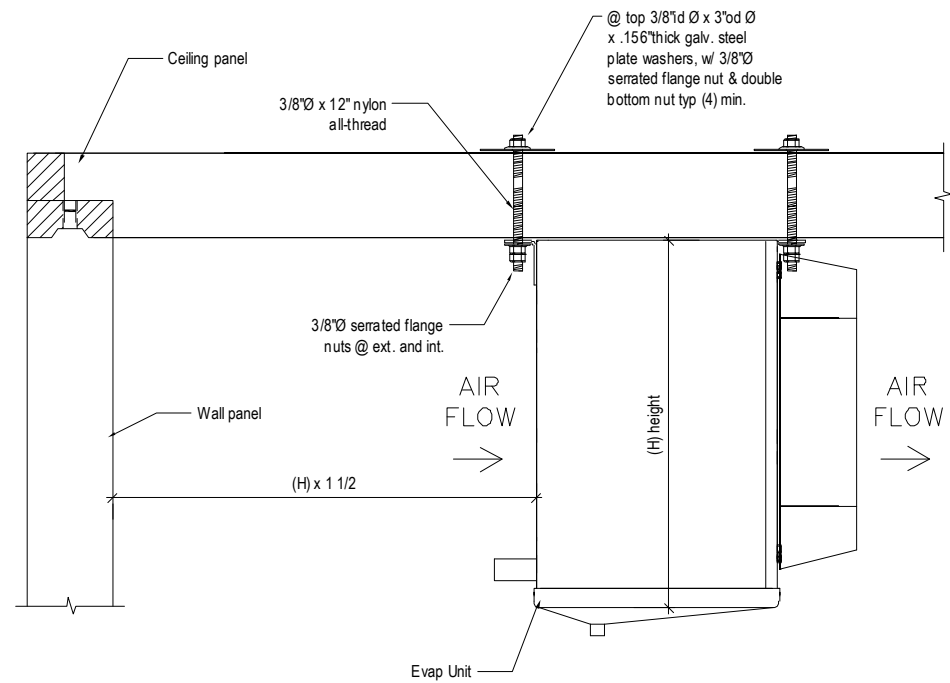
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1 LOW PROFILE EVAP HANGER DETAIL W/OVERSIZED WASHER
5 max load 70 lbs per rod
 Thru bolt kits supplied only if included on Imperial-Brown quote

REGISTERED PROFESSIONAL ENGINEER
 96122PE
 Exp 6-30-2025
 OREGON
 MAY 12, 2020
 DOUGLAS DEAN HARDIN
 08/30/2024

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