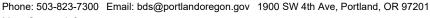
### **Development Services**

### From Concept to Construction



More Contact Info (http://www.portlandoregon.gov//bds/article/519984)





### APPEAL SUMMARY

Status:	Decision R	Rendered - I	Held over from	ID 23353	(1/22/20)	) for additional information
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Appeal ID: 23398	Project Address: 7000 NE Airport Way
Hearing Date: 2/5/20	Appellant Name: Leslee Randolph
Case No.: B-002	Appellant Phone: 5039735151
Appeal Type: Building	Plans Examiner/Inspector: Jeff Donnelly
Project Type: commercial	Stories: 3 Occupancy: A-3, A-2, M Construction Type: I-A
Building/Business Name: Port of Portland_PDX	Fire Sprinklers: Yes - Restrooms within Terminals
Appeal Involves: Reconsideration of appeal	LUR or Permit Application No.: 18-260999-FA
Plan Submitted Option: pdf [File 1] [File 2] [File 3] [File 4] [File 5] [File 6] [File 7] [File 8]	Proposed use: Airport Terminal

#### APPEAL INFORMATION SHEET

#### Appeal item 1

Code Section	OSSC 2014 1101.2 Design Icc A117.1-2009 Size
--------------	--

### **Requires** OSSC 2014 1101.2 Design ICC A117.1-2009 604.10.2 Size

The minimum area of an ambulatory accessible compartment shall be 60 inches (1525 mm)

minimum in depth and 36 inches (915 mm) in width.

### **Code Modification or** Utilize ICC A117.1-2017 604.10.2 Size instead of ICC A117.1-2009 604.10.2 Size. **Alternate Requested**

#### Proposed Design ICC A117.1-2

### ICC A117.1-2017 604.10.2 Size

The minimum area of an ambulatory accessible toilet compartment shall be 60 inches (1525 mm) in depth and a width of 35 inches (890 mm) minimum and 37 inches (940 mm) maximum.

#### Reconsideration Text:

The Scope of Work for the permit: FF3/ PDX TERMINAL RESTROOM REMODEL CONCOURSE C, D & E; REMODEL 13 RESTROOMS IN TERMINAL AREAS, CEILING, FLOORING, FINISHES, PLUMB AND ELEC. Only 10 terminal restrooms require ambulatory stalls in addition to the required accessible stalls per 2014 OSSC 1109.2.2 Where water closet compartments are provided in a toilet room or bathing room, at least one wheelchair accessible compartment shall be provided. Where the combined total water closet compartments and urinals provided in a toilet room or bathing room is six or more, at least one ambulatory-accessible water closet compartment shall be provided in addition to the wheelchair-accessible compartment. See attached floor plan PDFs for the restrooms that require ambulatory stalls per 2014 OSSC 1109.2.2. in addition to the provided accessible stalls.

The proposed design is to increase the ambulatory stall width to 37 inches clear to maintain the 32 inches clear doorway width using the standard toilet partition components. This complies with ICC A117.1-2017 604.10.2 Size.

Reason for alternative Standard toilet partition components cannot achieve clear width of 36 inches while maintaining a clear width of Doors and Doorways of 32 inches per ICC A117.1-2009 and ICC A117.1-2017 404.2.2. This can be achieved at ambulatory stalls with standard toilet partition components at a maximum of 37 inches in width. This design meets the intent of the updated ambulatory stall requirements per of ICC A117.1-2017 604.10.2 Size (See below for diagram) that the OSSC 2014 1101.2 Design ICC A117.1-2009 604.10.2 Size has not adopted yet.

> The ambulatory stall size installed with standard partition components is compliant with and meets the intent of ICC A117.1-2017 604.10.2 Size and ICC A117.1-2009 and ICC A117.1-2017 404.2.2.

#### Reconsideration Text:

Per ICC A117.1-2009 and ICC A117.1-2017 404.2.2 Clear Width Doorways shall have a clear opening width of 32 inches minimum. Clear Opening width of doorways with swinging doors shall be measured between the face of door and stop, with the door open 90-degrees. This means no latches or hardware may project into this clear 32 inch required opening. Standard toilet partition component door stops project into the clear opening 1 inch. The thickness of the standard toilet partitions of 1/2 inch, 1 inch door stop, 32 inches clear opening, 3 inch pilaster (the smallest the manufacturer can make to maintain function of the door) and 1/2 inch wall or u bracket equals 37 inches installed. Standard toilet partition components cannot achieve clear width of 36 inches while maintaining a clear width of Doors and Doorways of 32 inches per ICC A117.1-2009 and ICC A117.1-2017 404.2.2. See attached ambulatory partition plan example.

The clear doorway width of 32 inches and ambulatory stall requirements of 36 inches clear cannot be achieved with standard toilet partition components. The clear widths can be achieved at ambulatory stalls with standard toilet partition components at a maximum of 37 inches in width. This design meets the intent of the updated ambulatory stall requirements per of ICC A117.1-2017 604.10.2 Size see attached for the diagram, that the OSSC 2014 1101.2 Design ICC A117.1-2009 604.10.2 Size has not adopted yet.

The ambulatory stall size installed with standard partition components is compliant with and meets the intent of ICC A117.1-2017 604.10.2 Size and ICC A117.1-2009 and ICC A117.1-2017 404.2.2.

#### APPEAL DECISION

Use of 2017 ICC A117.1 standard for ambulatory toilet compartment in lieu of 2009 standard: Granted as proposed.

The Administrative Appeal Board finds that the information submitted by the appellant demonstrates that the approved modifications or alternate methods are consistent with the intent of the code; do not lessen health, safety, accessibility, life, fire safety or structural requirements; and that special conditions unique to this project make strict application of those code sections impractical.

Pursuant to City Code Chapter 24.10, you may appeal this decision to the Building Code Board of Appeal within 90 calendar days of the date this decision is published. For information on the appeals process, go to www.portlandoregon.gov/bds/appealsinfo, call (503) 823-7300 or come in to the Development Services Center.

**ABBREVIATIONS:** 

ACOUSTIC CEILING TILE

ABOVE FINISH FLOOR

**BOTTOM OF** 

### APPLICABLE CODE:

1. ALL WORK SHALL COMPLY WITH ALL REQUIREMENTS OF THE CURRENT OREGON STRUCTURAL SPECIALTY CODE AND ALL APPLICABLE CITY AND COUNTY ORDINANCES, FIRE, PLUMBING, MECHANICAL AND ELECTRICAL CODES.

**CODE SUMMARY:** FIRE RESISTANCE RATING REQUIREMENTS (TABLE 601): TERMINAL BUILDING STRUCTURAL COLUMNS 3HR 0HR **CONSTRUCTION TYPE: I-A** NONBEARING WALLS - INTERIOR OCCUPANCY TYPE: NON-RATED MIXED OCCUPANCY FLOOR DECK CONSTRUCTION 2HR RESTAURANT/ CAFETERIAS AIRPORT TERMINAL MERCANTILE AREAS FULLY FIRE PROTECTED PER NFPA 13 (WET SYSTEM)

### FIRE ALARM SYSTEM:

1. NO CHANGES TO EXISTING SYSTEMS.

### **BUILDING FIRE PROTECTION & SUPPRESSION:**

**AUTOMATIC FIRE SPRINKLERS:** PER PFC 903.3.1.1 FULL NFPA 13 STANDARD APPLIES

PER 2016 NFPA 415, 4.5.5:

WATER SUPPLY SHALL BE ADEQUATE TO SUPPLY MAXIMUM CALCULATED SPRINKLER DEMAND PLUS A MINIMUM OF 5000 GPM FOR HOSE STREAMS AND SHALL BE AVAILABLE AT A RATE SPECIFIED FOR A PERIOD

OF AT LEAST 1 HOUR.

### **BUILDING EXITING:**

1. TENANT IMPROVEMENT ONLY; NO ADDED AREA.

### ENERGY CODE:

SECTION 903

1. NO CHANGES TO EXTERIOR ENVELOPE PER OREGON ENERGY EFFICIENCY CODE 2014.

ACCESSIBILITY: ACCESSIBLE DESIGN AND THE HIGHEST OPERABLE PART OF ENVIRONMENTAL AND OTHER CONTROLS, DISPENSERS, ELECTRICAL AND COMMUNICATION SYSTEM RECEPTACLES ON WALLS AND OTHER OPERABLE EQUIPMENT SHALL BE WITHIN AT LEAST ON EOF THE RACH RANGES SPECIFIED IN SECTION 308, AND NOT LESS THAN 36 INCHES ABOVE THE FLOOR.

OSSC CHAPTER 11 AND ICC A117.1

CONSTRUCTION STANDARDS

- HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON DOORS, CABINETS, PLUMBING FIXTURES AND STORAGE FACILITIES SHALL HAVE LEVER OR OTHER SHAPE PERMITTING OPERATION BY WRIST OR ARM PRESSURE AND NOT REQUIRING TIGHT GRASPING, PINCHING OR TWISTING TO OPERATE.
- THE OPENING FORCE OF DOORS ALONG AN ACCESSIBLE ROUTE SHALL NOT EXCEED 8 1/2 POUNDS-FORCE FOR EXTERIOR DOORS AND 5 POUNDS-FORCE FOR INTERIOR DOORS.
- FLOOR DRAINS MAY BE LOCATED WITHIN A CLEAR FLOOR SPACE AT A FIXTURE PROVIDED THE OPENINGS IN THE DRAIN COVER SHALL NOT EXCEED 1/2 INCH IN ANY DIRECTION AND THE DRAIN COVER SHALL BE NO MORE THAN 1/8 INCH BELOW THE LEVEL OF THE SURROUNDING FLOOR
- GRAB BARS SHALL HAVE AN OUTSIDE DIAMETER OF NOT LESS THAN 1 1/4 INCHES OR MORE THAN 2

NO CHANGES TO BUILDING EXTERIOR ACCESSIBLE ROUTE.

NO CHANGES TO BUILDING INTERIOR ACCESSIBLE ROUTE

NO CHANGES TO ACCESSIBLE PARKING FACILITIES.

## DEFERRED SUBMITTAL:

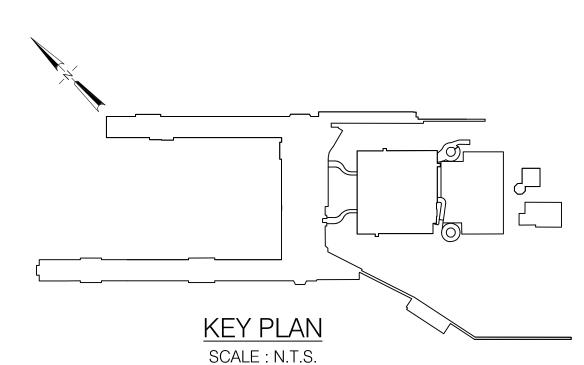
- 1. ACTUAL DRAWINGS, DETAILS, AND CALCULATIONS FOR THE PORTIONS LISTED ARE TO BE PROVIDED BY THE CONTRACTOR AS DEFERRED SUBMITTAL INCLUDING ALL WORK REQUIRED TO IMPLEMENT THE ENTIRE PROJECT SCOPE RELATED TO THESE PORTIONS.
- DEFERRED SUBMITTAL INFORMATION REQUIRES APPROVAL OF BOTH ARCHITECT/ ENGINEER AND THE AUTHORITY HAVING JURISDICTION.
- PERMIT ACQUISITION FOR THE DESIGN/BUILD SCOPE OF WORK SHALL BE PROVIDED BY THE CONTRACTOR,
- THE CONTRACTOR SHALL VERIFY ALL UTILITIES, EQUIPMENT, AND COORDINATE EQUIPMENT REQUIREMENTS AND LOCATIONS.
- 5. THE PROCEDURE FOR DEFERRED SUBMITTAL IS AS FOLLOWS:
  - A. FINAL DESIGN, ENGINEERING, AND SHOP DRAWINGS SHALL BE SUBMITTED TO ARCHITECT FOR REVIEW AND APPROVAL.
  - B. FOLLOWING THE ARCHITECT'S APPROVAL, THE CONTRACTOR SHALL SUBMIT TO THE AUTHORITY HAVING JURISDICTION FOR PERMIT APPROVAL AND ACQUISITION.
  - C. WORK RELATED TO DEFERRED SUBMITTAL SHALL NOT BE PERFORMED UNTIL THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- THE CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING DEFERRED SUBMITTALS:
  - A. FIRE PROTECTION SYSTEMS.
  - B. FIRE ALARM SYSTEMS.

REVISIONS

CONCOURSE D: NO CHANGE IN FIXTURE COUNT. CONCOURSE E: NO CHANGE IN FIXTURE COUNT.								
PLUMBING FIXTURE REQUIREMENTS:	TABLE 2902-1 FOR PASSENGER TERMINALS AND TRANSPORTATION FACILITIES  1 OCCUPANT PER 500 GROSS SF.							
TABLE 29-A	WATER CLOSETS: LAVATORIES: BATHTUB OR SHOWER DRINKING FOUNTAINS	MALE 1:500 1:750 N/A 1 PER FLOOR	FEMALE 1:500 1:750 N/A 1 PER F	_				
	TABLE 2902-1 FOR RESTAURAN 1 OCCUPANT PER 75 GROSS SE							
	WATER CLOSETS: LAVATORIES: BATHTUB OR SHOWER DRINKING FOUNTAINS	MALE 1:500 1:750 N/A 1 PER FLOOR	FEMALE 1:500 1:750 N/A 1 PER F	_				
PLUMBING FIXTURE COUNT: CONCOURSE C	OCCUPANCY		WATER	CLOSETS				
CONCOUNSE C	A-3: 4,547 PEOPLE A-2: 715 PEOPLE M: 40 PEOPLE	MALE 15 REQ'D/ 49 PROVIDED	)	<u>UNISEX</u> 1 PROVIDED	FEMALE 15 REQ'D/ 46 PROVIDED			
			<u>LAVATORIES</u>					
		MALE 7 REQ'D/ 21 PROVIDED		<u>UNISEX</u> 1 PROVIDED	FEMALE 7 REQ'D/ 26 PROVIDED			
		SHOWERS: N/A						
			DRINKIN	NG FOUNTAINS				

ENPLANING

2 EXISTING, NO CHANGE IN FIXTURE COUNT



APPV'D CK'D



PORT OF PORTLAND PORTLAND, OREGON mwa architects SUITE 401 PORTLAND, OR 97209 P 503 973 5151 F 503 973 5060 101546 2017D043 PROJECT NUMBER DESIGN NUMBER



DESIGNED BY	M. WENZ	
DRAWN BY	M. WENZ	
CHECKED BY	J. ROOT	
DATE	OCTOBER 2018	SU

PLUMBING FIXTURE COUNT REQUIREMENTS:

				SCALE : N.T.S.		
DESIGNED BY	M. WENZ	PORTLA	'ND II	NTERNATIONAL AIRPORT	Γ	
DRAWN BY	M. WENZ	TERMINAL F	RESTE	ROOM MODERNIZATION	2018	
CHECKED BY	J. ROOT	SYMBOLS, AB	BRE	VIATIONS, CODE SU	MMARY	
DATE	OCTOBER 2018	SUBMITTED BY	TYPE	DRAWING NO.	SHEET NO.	DISC. SHT. NC
SCALE	N.T.S.	TOM WHARTON  PROJECT ENGINEER	CD	PDX 2018-514	4/112	A0.0

O. DATE BY

REVISIONS

APPV'D CK'D NO. DATE BY

A 10/09/18 MW PERMIT SET

101546

PROJECT NUMBER

DESIGN NUMBE

A 10/09/18 MW PERMIT SET

MWENZ p:\201807.01 port of pdx restroom remodel\d-drawings\d-04 cadd\current\a2.02\_concourse c - enplaning - restrooms c2040 c2042 - floor plan.dwg

REVISIONS

APPV'D CK'D

APPV'D CK'D NO. DATE BY

DATE

**REVISIONS** 

DRAWING SCALE IS REDUCED 50% WHEN SHEET SIZE IS 11" x 17"

SHEET NO.

DISC. SHT. NO.

TYPE DRAWING NO.

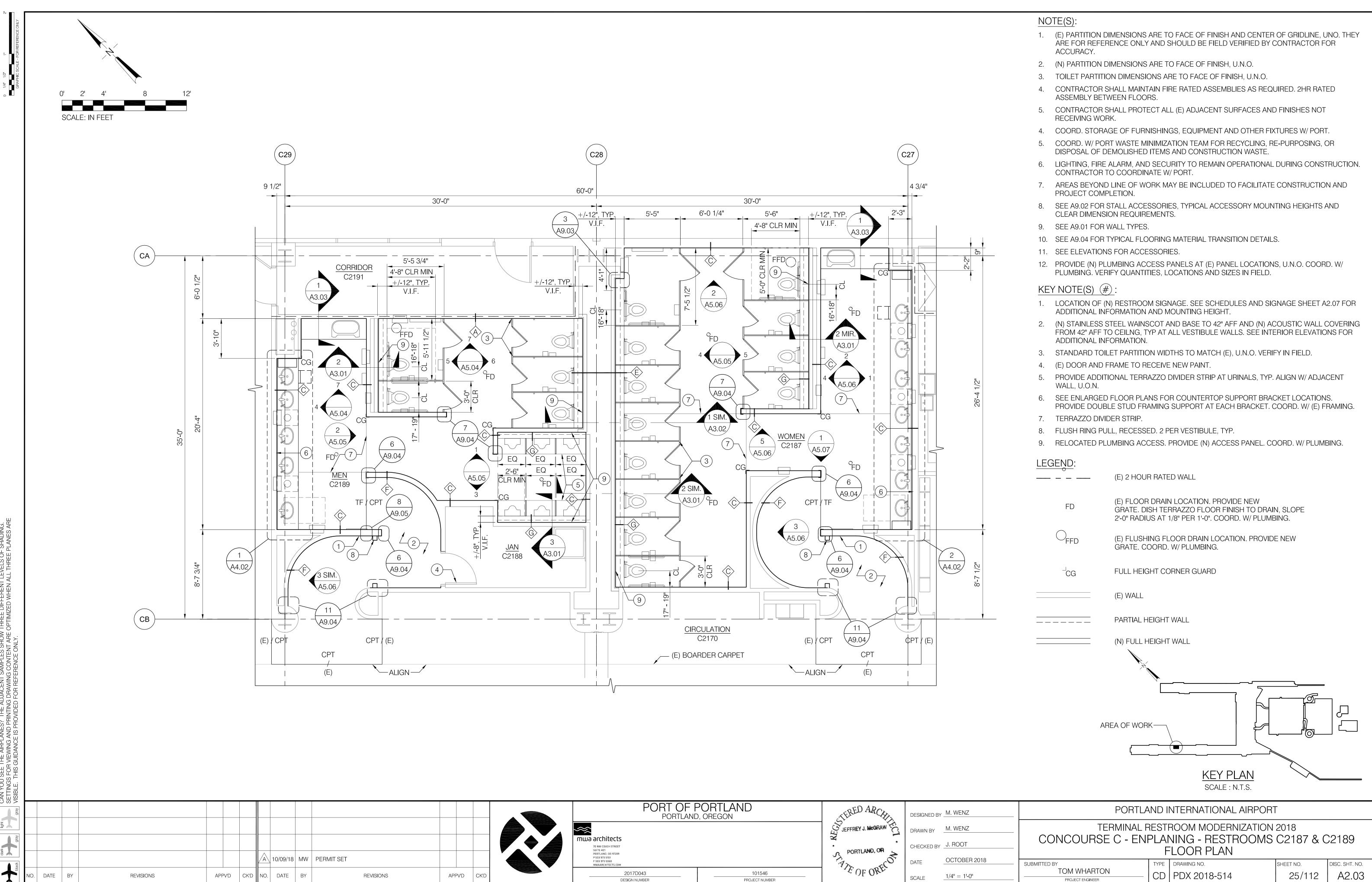
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OCTOBER 2018

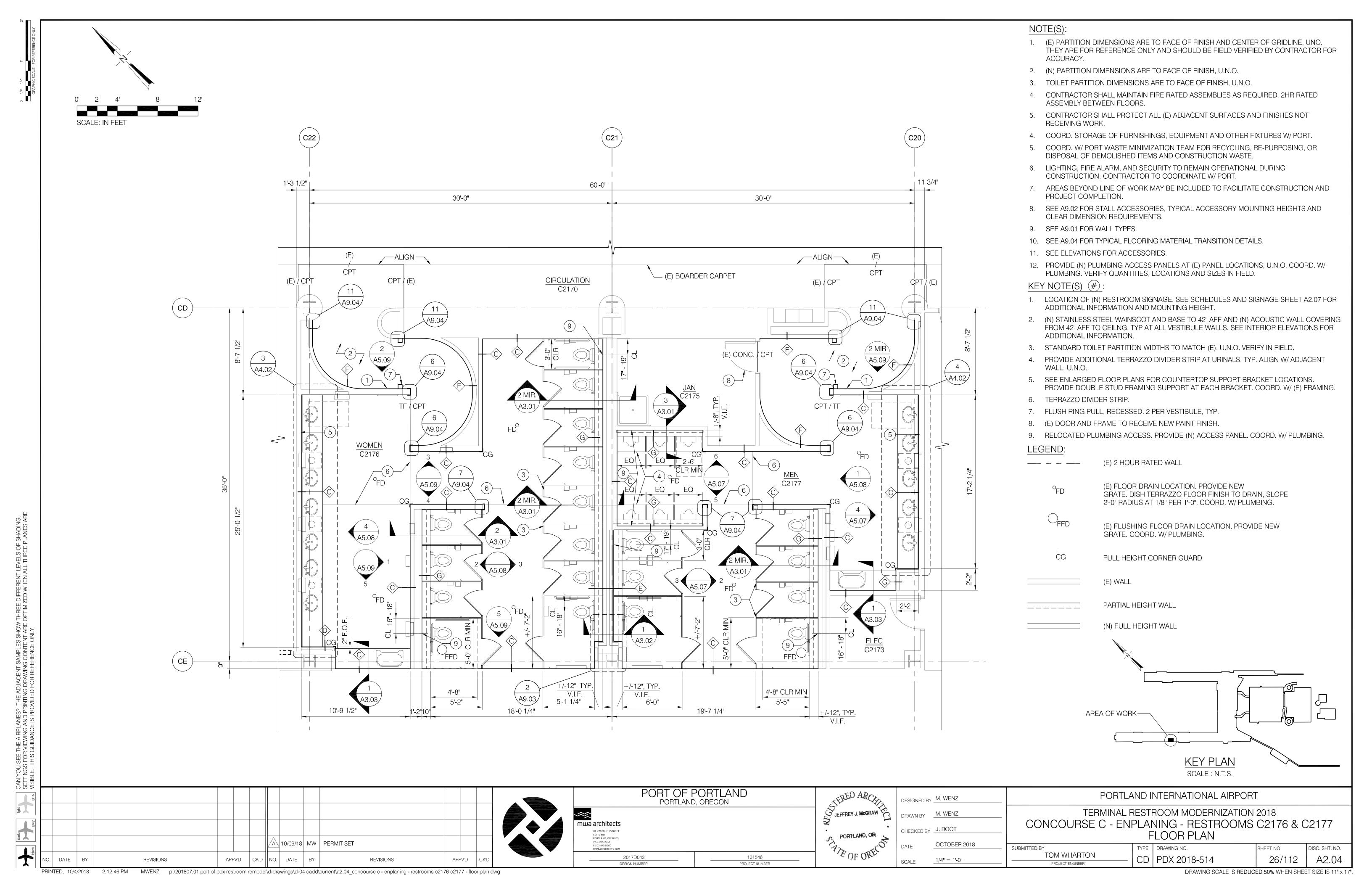
1/4" = 1'-0"

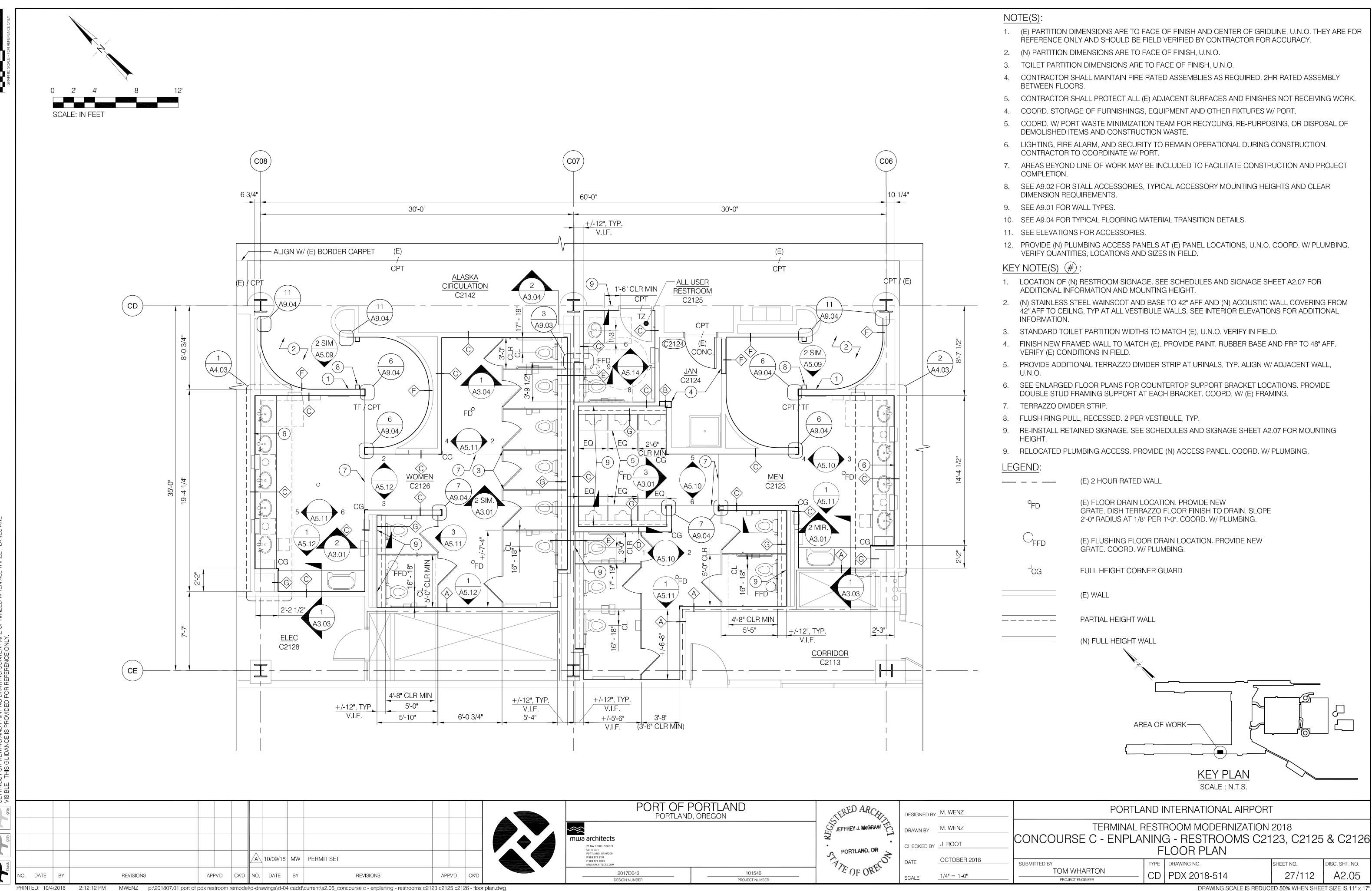
SUBMITTED BY

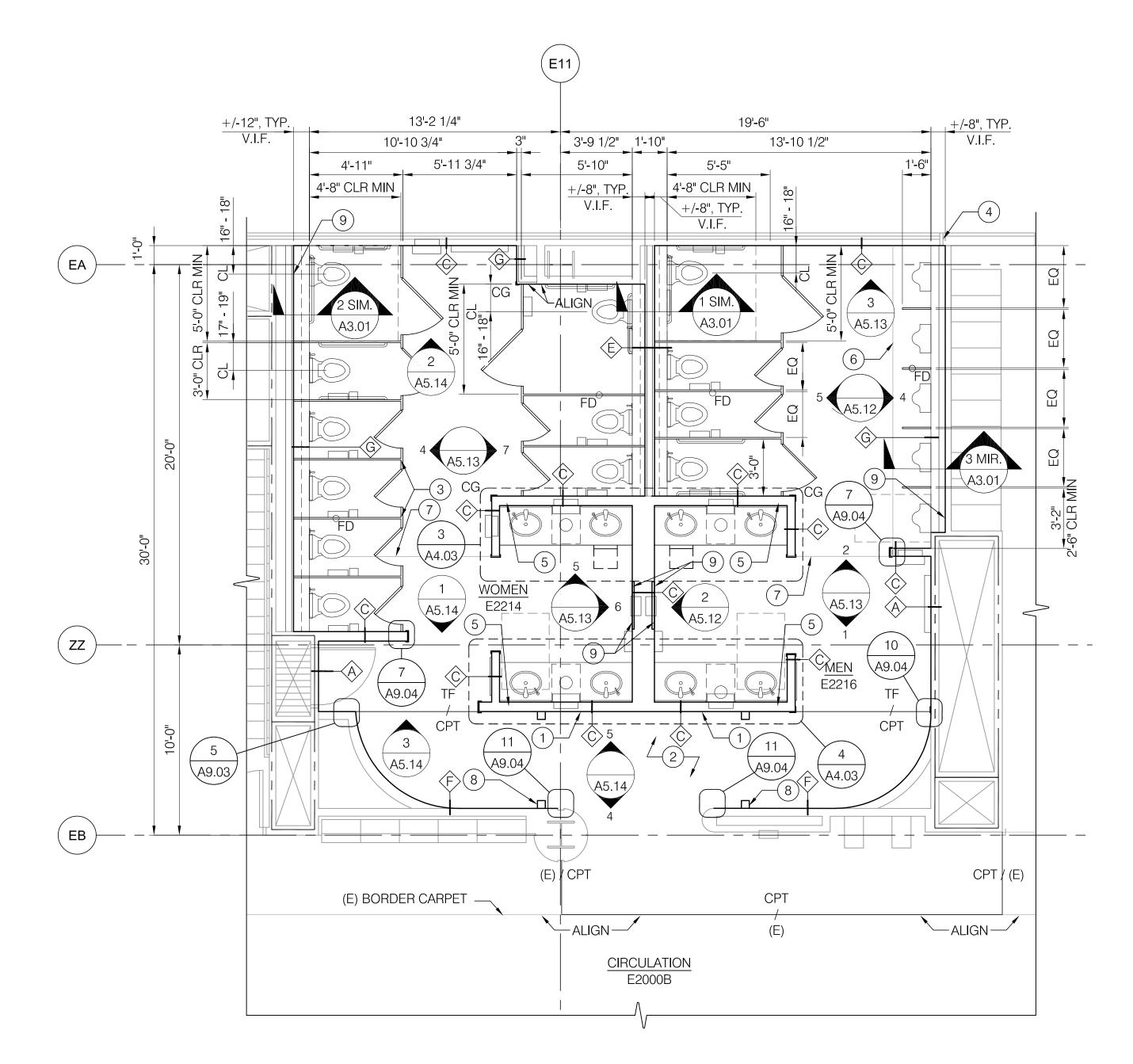
TOM WHARTON



MWENZ p:\201807.01 port of pdx restroom remodel\d-drawings\d-04 cadd\current\a2.03\_concourse c - enplaning - restrooms c2187 c2189 - floor plan.dwg







### NOTE(S):

- (E) PARTITION DIMENSIONS ARE TO FACE OF FINISH AND CENTER OF GRIDLINE, UNO. THEY ARE FOR REFERENCE ONLY AND SHOULD BE FIELD VERIFIED BY CONTRACTOR FOR ACCURACY.
- 2. (N) PARTITION DIMENSIONS ARE TO FACE OF FINISH, U.N.O.
- 3. TOILET PARTITION DIMENSIONS ARE TO FACE OF FINISH, U.N.O.
- 4. CONTRACTOR SHALL MAINTAIN FIRE RATED ASSEMBLIES AS REQUIRED. 2HR RATED ASSEMBLY BETWEEN FLOORS.
- 5. CONTRACTOR SHALL PROTECT ALL (E) ADJACENT SURFACES AND FINISHES NOT RECEIVING WORK.
- 4. COORD. STORAGE OF FURNISHINGS, EQUIPMENT AND OTHER FIXTURES W/ PORT.
- COORD. W/ PORT WASTE MINIMIZATION TEAM FOR RECYCLING, RE-PURPOSING, OR DISPOSAL OF DEMOLISHED ITEMS AND CONSTRUCTION WASTE.
- 6. LIGHTING, FIRE ALARM, AND SECURITY TO REMAIN OPERATIONAL DURING CONSTRUCTION. CONTRACTOR TO COORDINATE W/ PORT.
- 7. AREAS BEYOND LINE OF WORK MAY BE INCLUDED TO FACILITATE CONSTRUCTION AND PROJECT COMPLETION.
- 8. SEE A9.02 FOR STALL ACCESSORIES, TYPICAL ACCESSORY MOUNTING HEIGHTS AND CLEAR DIMENSION REQUIREMENTS.
- 9. SEE A9.01 FOR WALL TYPES.
- 10. SEE A9.04 FOR TYPICAL FLOORING MATERIAL TRANSITION DETAILS.
- 11. SEE ELEVATIONS FOR ACCESSORIES.
- 12. PROVIDE (N) PLUMBING ACCESS PANELS AT (E) PANEL LOCATIONS, U.N.O. COORD. W/ PLUMBING. VERIFY QUANTITIES, LOCATIONS AND SIZES IN FIELD.

### KEY NOTE(S) (#):

- 1. LOCATION OF (N) RESTROOM SIGNAGE. SEE SCHEDULES AND SIGNAGE SHEET A2.07 FOR ADDITIONAL INFORMATION AND MOUNTING HEIGHT.
- 2. (N) STAINLESS STEEL WAINSCOT AND BASE TO 42" AFF AND (N) ACOUSTIC WALL COVERING FROM 42" AFF TO CEILNG, TYP AT ALL VESTIBULE WALLS. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- 3. STANDARD TOILET PARTITION WIDTHS TO MATCH (E), U.N.O. VERIFY IN FIELD.
- COORD. (N) WALL AND SHELF FRAMING W/ (E) STOREFRONT SYSTEM. VERIFY IN FIELD.
- SEE ENLARGED FLOOR PLANS FOR COUNTERTOP SUPPORT BRACKET LOCATIONS. PROVIDE DOUBLE STUD FRAMING SUPPORT AT EACH BRACKET. COORD. W/ (E) FRAMING.
- 6. PROVIDE ADDITIONAL TERRAZZO DIVIDER STRIP AT URINALS, TYP. ALIGN W/ ADJACENT WALL, U.N.O.
- 7. TERRAZZO DIVIDER STRIP.
- 8. FLUSH RING PULL, RECESSED. 2 PER VESTIBULE, TYP.
- 9. RELOCATED PLUMBING ACCESS. PROVIDE (N) ACCESS PANEL. COORD. W/ PLUMBING.

### LEGEND:

(E) 2 HOUR RATED WALL

(E) FLOOR DRAIN LOCATION. PROVIDE NEW GRATE. DISH TERRAZZO FLOOR FINISH TO DRAIN, SLOPE 2'-0" RADIUS AT 1/8" PER 1'-0". COORD. W/ PLUMBING.

(E) FLUSHING FLOOR DRAIN LOCATION. PROVIDE NEW

GRATE. COORD. W/ PLUMBING.

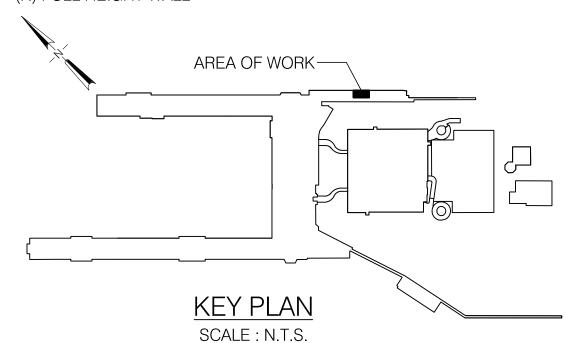
<sup>\_</sup>CG FULL HEIGHT CORNER GUARD

(E) WALL

TOM WHARTON

PARTIAL HEIGHT WALL

(N) FULL HEIGHT WALL



							Â	10/09/18	MW	PERMIT SET				
NO.	DATE	BY	REVISIONS	APP	V'D	CK'D	NO.	DATE	BY	REVISIONS	APF	PV'D	CK'D	_

PORT OF PORTLAND, O		۲
mwa architects		. REG
70 NW COUCH STREET SUITE 401 PORTLAND, OR 97209 P 503 973 5151 F 503 973 5060 MWAARCHITECTS.COM		S
2017D043 DESIGN NUMBER	101546 PROJECT NUMBER	

CERED ARCA	DESIGNED BY	M. WENZ
JEFFREY J. MICGRAW	DRAWN BY	M. WENZ
· R.	CHECKED BY	J. ROOT
PORTLAND, OR	DATE	OCTOBER 20
OF OREC	SCALE	1/4" = 1'-0"

DESIGNED BY	M. WENZ	
DRAWN BY	M. WENZ	
CHECKED BY	J. ROOT	
DATE	OCTOBER 2018	SUBM

PORTLAND INTERNATIONAL AIRPORT TERMINAL RESTROOM MODERNIZATION 2018 CONCOURSE E - ENPLANING - RESTROOMS E2214 & E2216 FLOOR PLAN TYPE DRAWING NO. MITTED BY DISC. SHT. NO. SHEET NO.

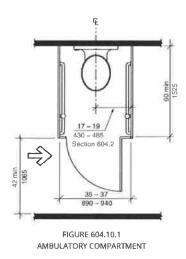
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# 2017 ICC A117.1 Accessible and Usable Buildings and Facilities Chapter 6 Plumbing Elelments and Facilities

604.10 Ambulatory accessible toilet compartments.

#### 604,10.1 General.

Ambulatory accessible toilet compartments shall comply with Section 604.10.

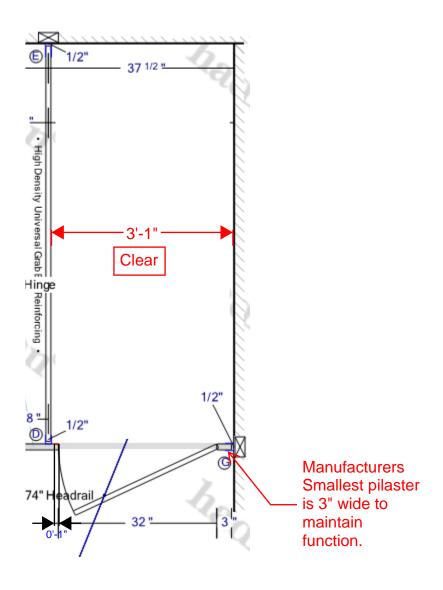


#### 604.10.2 Size.

The minimum area of an ambulatory accessible toilet compartment shall be 60 inches (1525 mm) minimum in depth and a width of 35 inches (890 mm) minimum and 37 inches (940 mm) maximum.

07/01/19

KR\_\_\_Initial here



1/2" partition width + 1" door stop + 32" clear opening + 3" pilaster + 1/2" wall bracket = 37"