

**Model Building/Design Codes Used:**

2018 International Building Code  
 2015 Uniform Plumbing Code  
 2018 International Fire Code  
 2018 International Mechanical Code  
 2020 National Electrical Code  
 City Municipal Code

**Proposed Project Description:**

This project entails the renovation of the bath house building at the pool in the College Hill Neighborhood of Wichita, KS. The scope of the Urban Prairie's work covers the bath house only. The surrounding site improvements, swimming pool and filtration systems have been designed by others.

The proposed bath house building shall be for seasonal use only and will need to be winterized by the Owner when the potential for frost occurs. The majority of the building is not and will not be heated.

**Occupancy Classification:**

The bathhouse building is intended for use in outdoor activities. Classified as: Assembly (A-5)

**Type of Construction:**

Construction type: Type V-B  
 Note: the building will NOT have a fire suppression system

**Building Areas and Heights:**

Allowable building area: Unlimited  
 Allowable building heights: 40'-0" / unlimited # stories

Actual building area:  
 Bathhouse (A-5): 1,594 gross sq. ft.  
 Total: 1,594sq. ft.  
 Actual building heights:  
 9'-4" ± / one story

**Signage:**

Install "no-smoking" signs at all public and employee entrances. Also provide ANSI/ADA compliant signage per signage schedule

**Fire Extinguishers:**

Fire extinguishers to be provided and installed per NFPA 10

**Occupant Loads:**

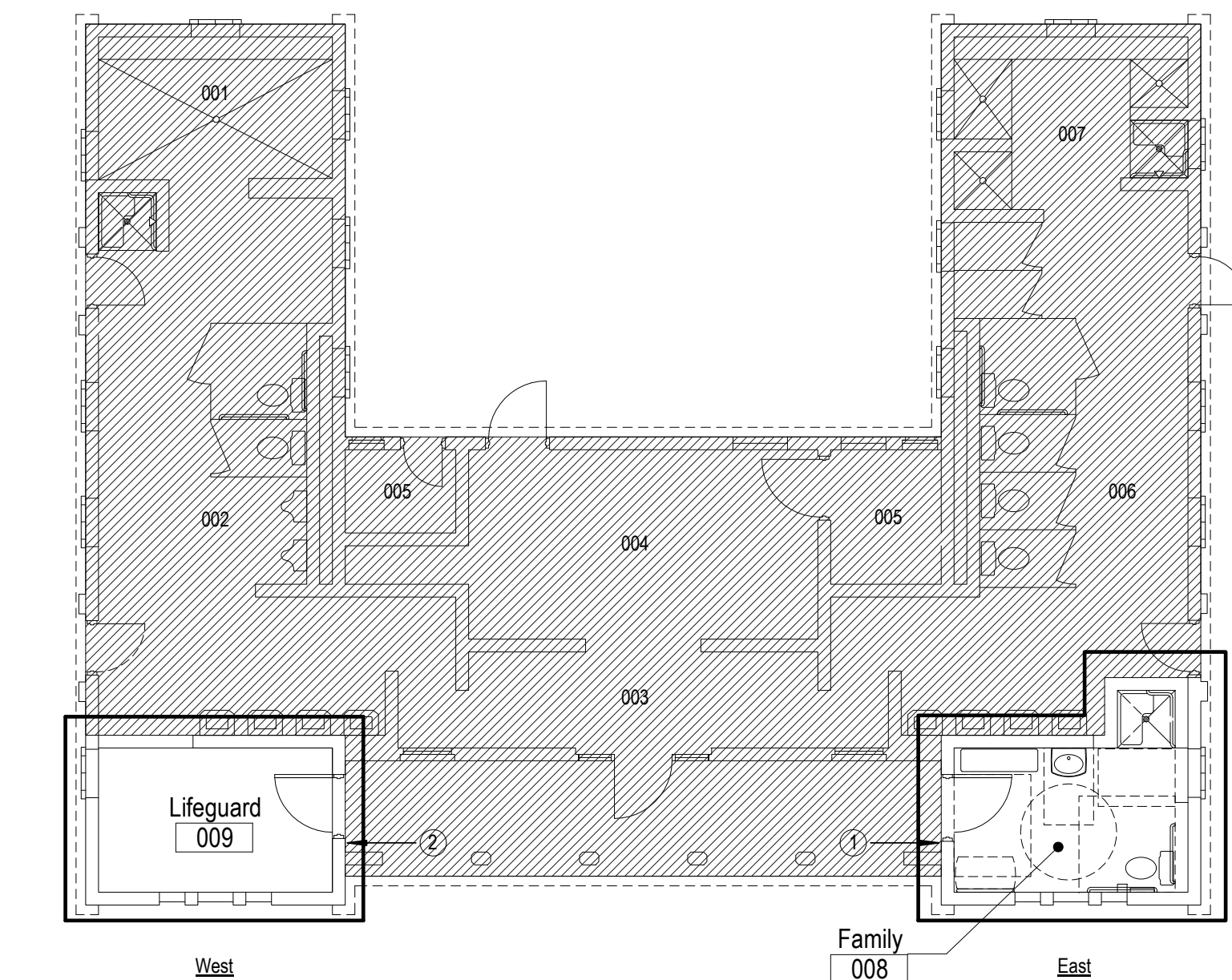
Boys Shower room 001: 75 sf / 15 net sf/occupant = 5 occupants [existing]  
 Boys Locker room 002: 352 sf / 15 net sf/occupant = 23 occupants [existing]  
 Corridor 003: 116 sf / 100 gross sf/occupant = 2 occupants [existing]  
 Main Entry 004: 191 sf / 100 gross sf/occupant = 2 occupants [existing]  
 Storage 005: 65 sf / 100 gross sf/occupant = 1 occupants [existing]  
 Girls Locker room 006: 328 sf / 15 net sf/occupant = 22 occupants [existing]  
 Girls Shower room 007: 76 sf / 15 net sf/occupant = 5 occupants [existing]  
 Family Change Room 008: 91 sf / 15 net sf/occupant = 7 occupants  
 Lifeguard room 009: 91 sf / 100 gross sf/occupant = 1 occupants

**Total Bath house building occupancy:** = 68 occupants

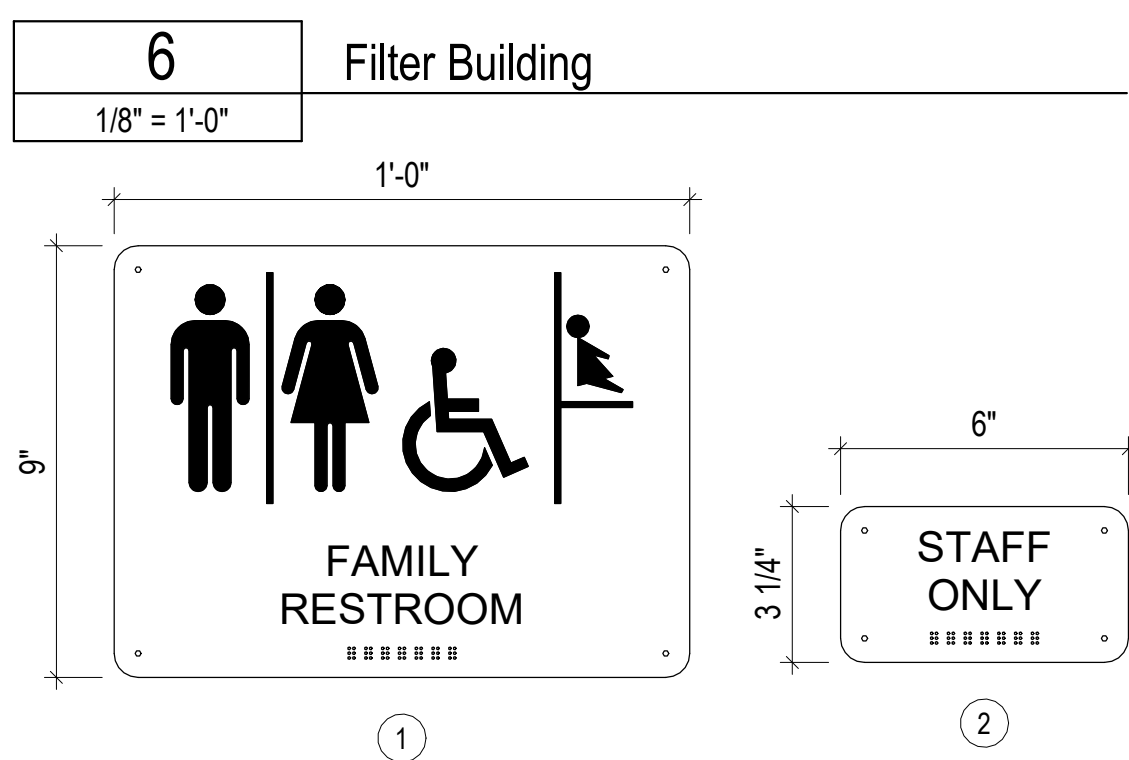
Max occupancy for groups A, B, E, F, M, and U with one exit or exit doorway: 49

Door and Frame Schedule										
Door Number	Door		Frame Type	Hardware			Exit Device	Remarks/Notes		
	Type	Width		Height	Lockset function	Closer				
008	B	3' - 0"	6' - 8"	A	Priv	X	X	--	F.V exist masonry opening	
009	A	3' - 0"	6' - 8"	A	Priv	X	X	--	F.V exist masonry opening	
FB01	Match Exist	8' - 0"	6' - 8"	Match Exist					Reuse existing deadbolt hardware and door pulls.	
FB02	ETR	3' - 0"	6' - 8"	ETR					Existing door, frame, and hardware to Remain	
FB03	ETR	3' - 0"	6' - 8"	ETR					Existing door, frame, and hardware to Remain	
FB04	Match Exist	3' - 0"	6' - 8"	Match Exist					Reuse existing deadbolt hardware and door pulls.	

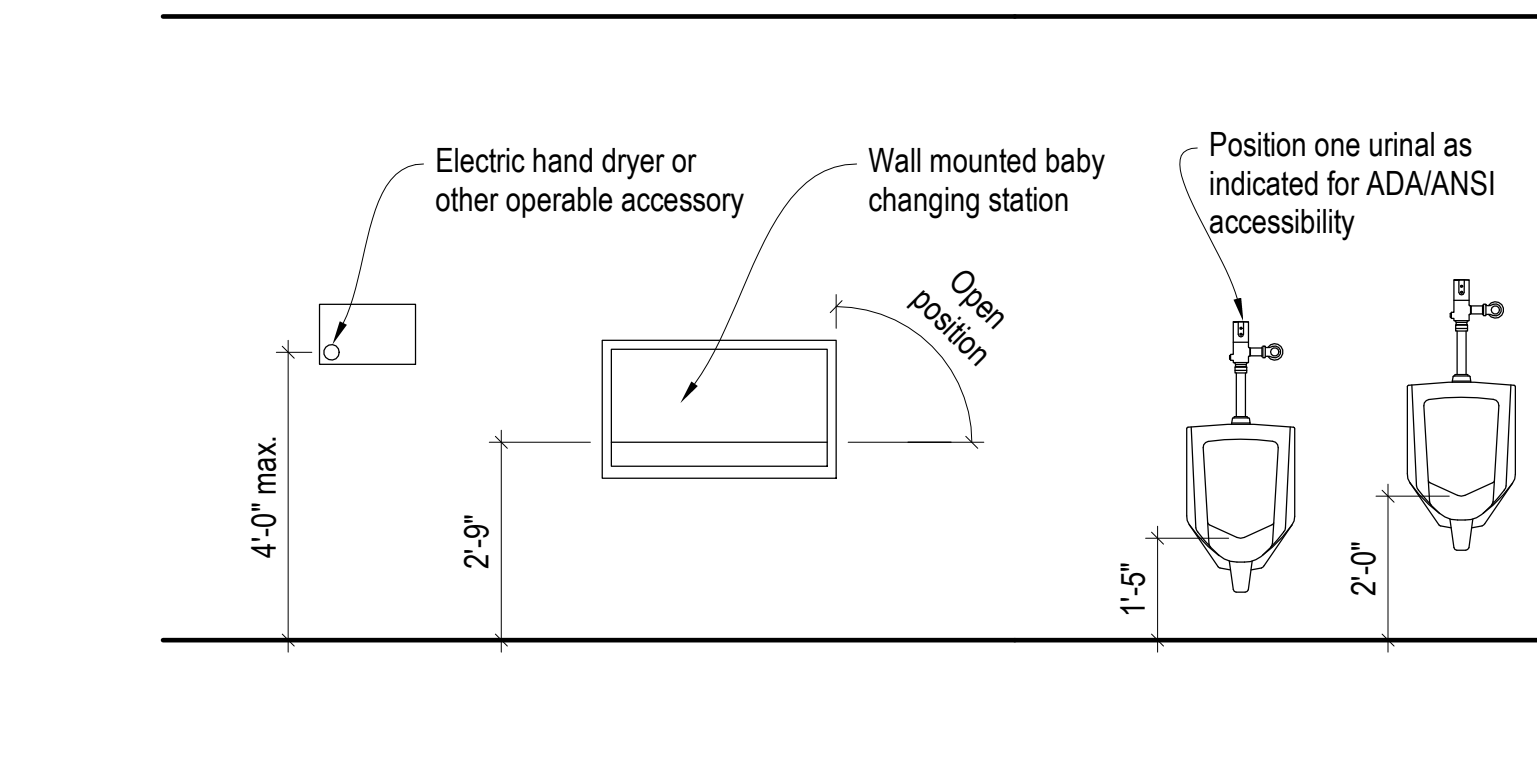
- NOTES**  
 1. Doors, frames and hardware to match building standard and the handles to comply with ADA standards and IBC 2018.  
 2. All new hollow metal door frames to receive bituminous coating at all unexposed portion of the frame for added corrosion resistance prior to installation.



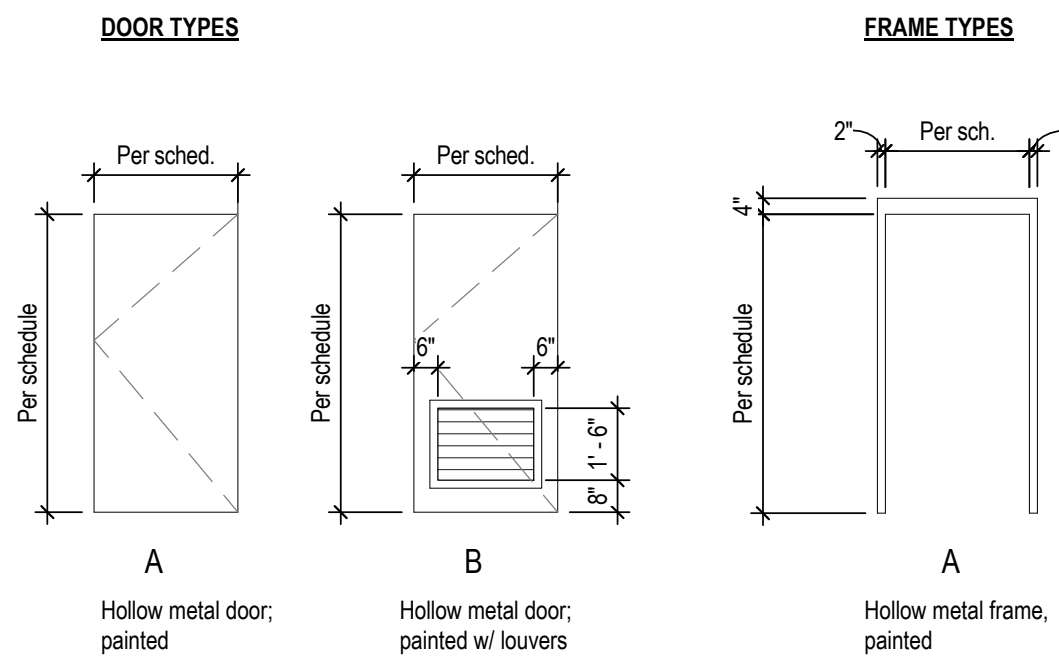
**2**  
 1/8" = 1'-0"  
 Key Plan



**3**  
 3" = 1'-0"  
 Signage Legend

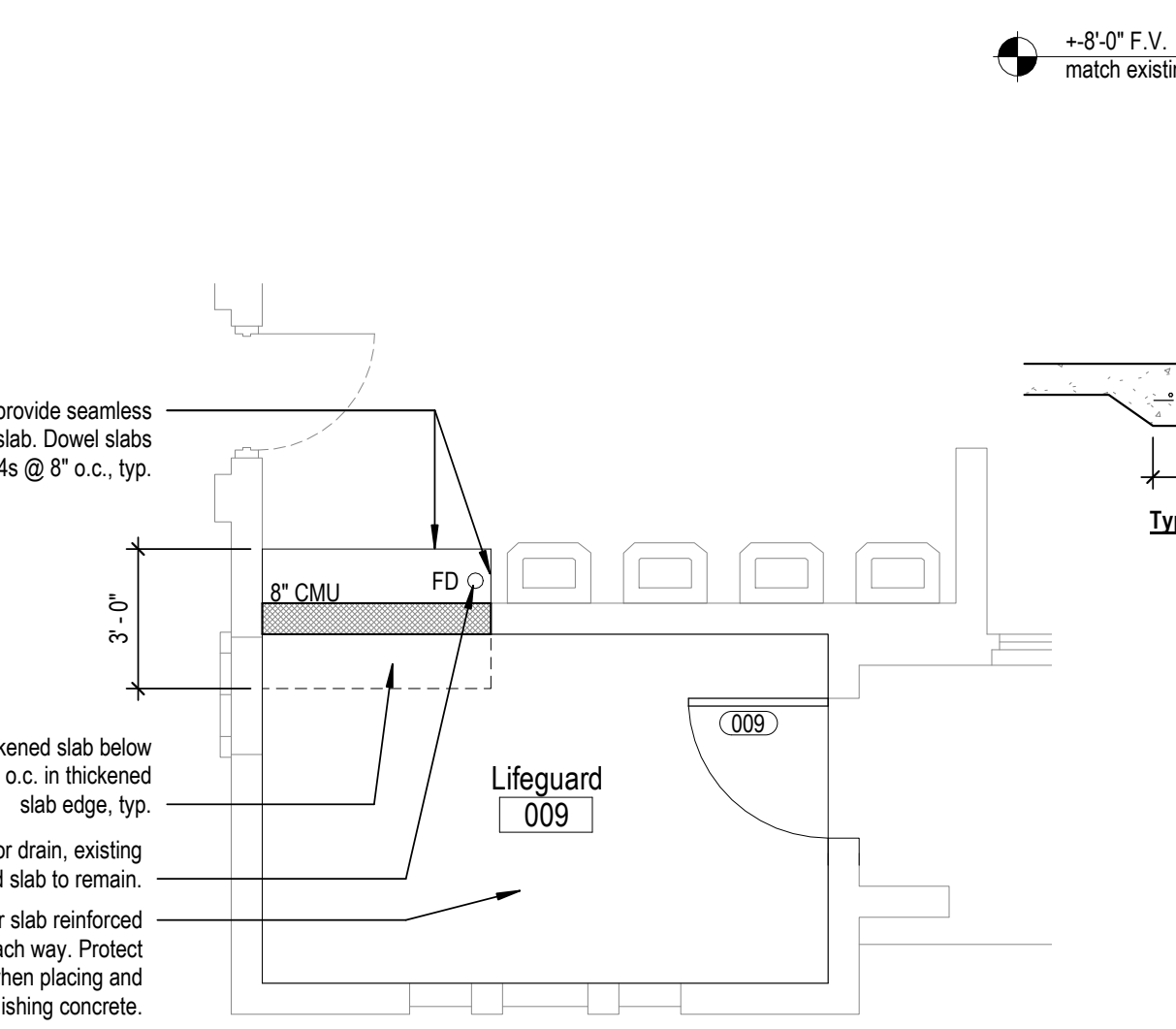


**1**  
 3/8" = 1'-0"  
 ADA Interior Elevations Mounting Heights

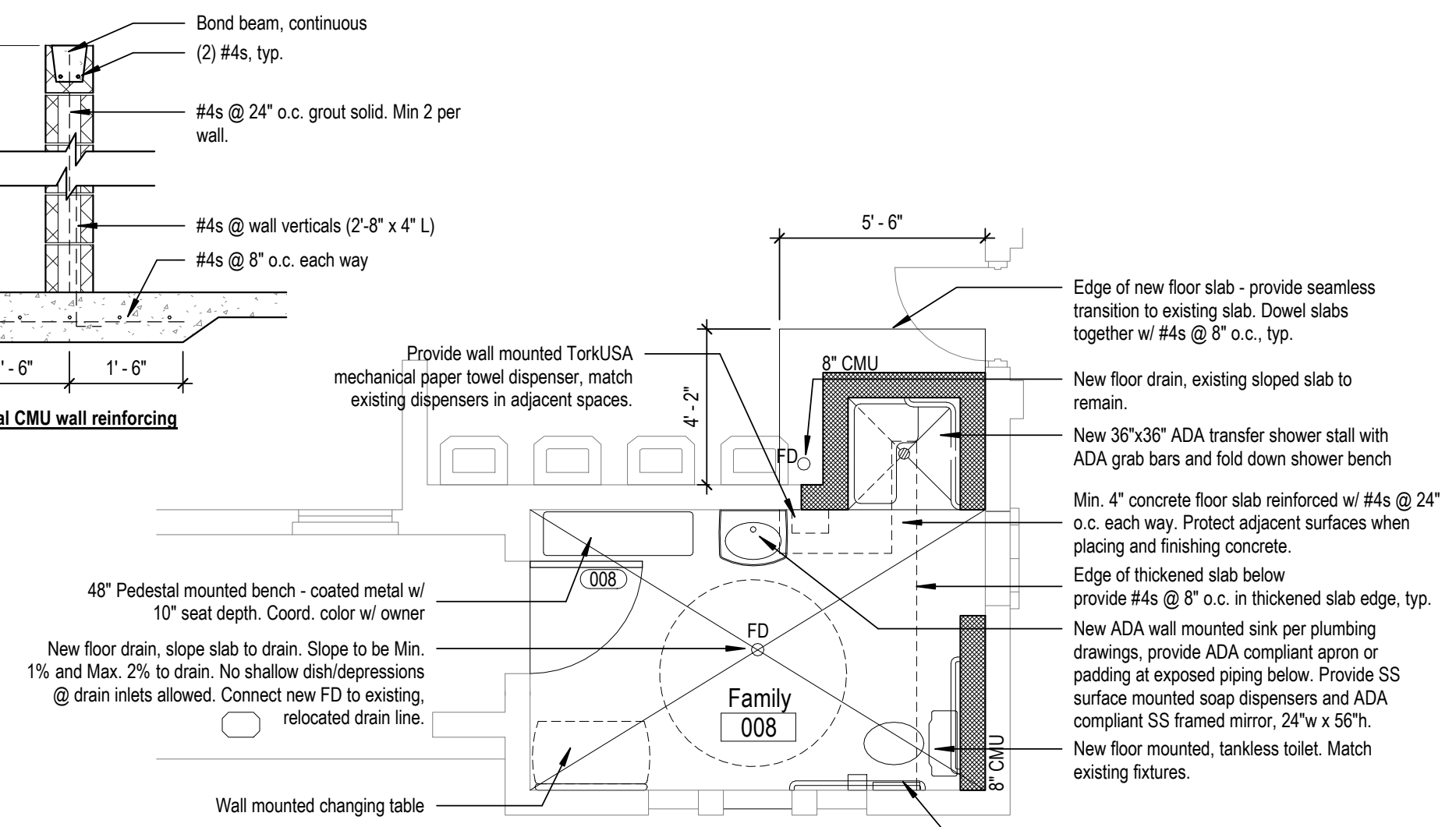


**7**  
 1/4" = 1'-0"  
 Demolition Plan - West

**8**  
 1/4" = 1'-0"  
 Demolition Plan - East

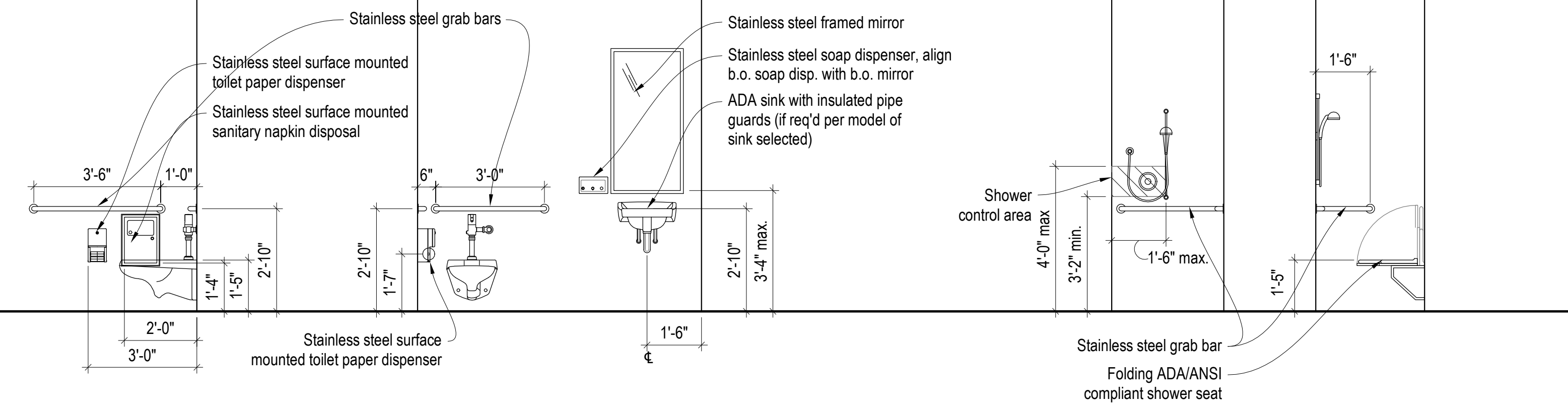


**4**  
 1/4" = 1'-0"  
 New Floor Plan - West



**5**  
 1/4" = 1'-0"  
 New Floor Plan - East

Note: per IBC 1210.2, walls within 2 feet of urinals and water closets shall have a smooth, hard, nonabsorbent surface, to a height of 4 feet above the floor, and except for structural elements, the materials used in such walls shall be of a type that is not adversely affected by moisture



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**PEC**

landworks STUDIO

ARCHITECTURAL URBAN PRAIRIE COLLABORATIVE, PC

**H&B HOSS & BROWN ENGINEERS**

WICHITA, KANSAS  
 Spray Ground  
 COLLEGE HILL

Seal: PAUL C. MINTO LICENSED PROFESSIONAL ARCHITECT 3118  
 Paul Minto LICENSE #3118  
 Date: 17 Sept. 2021 Job #: 00000  
 Drawn: BK Checked: PM  
 Issue: CONSTRUCTION DOCUMENTS

**Bathhouse Floor Plans**

**A100**  
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