

DALE PARTNERS



Madison County Restrooms

Fairview Park Restrooms
Rogers Park Restrooms
Estes Park Restrooms

Canton, MS
DPA PN: 21041

Construction Documents
xx May, 2021

Not for
Construction

Team

Owner
Architect
Structural
Mechanical
Electrical

Madison County
Dale Partners Architects, P.A.
SDG
GSK Mechanical, Inc.
The Power Source, PLLC

Project Directory

Project Information

Name: 21041 Madison County Restrooms
 Address:
 Fairview park:
 Estes Park:
 Rogers Park:
 Client:
Madison County
 125 West North Street
 Canton MS 39046
 United States of America

Architect

Dale Bailey an Association
 One Jackson Place / Suite 250
 188 East Capitol Street
 Jackson, MS 39201-2100
 (601) 352-5411
 Contact: Luigia Butler (LuigiaButler@dalepartners.com)

Fire Protection, Plumbing, & Mechanical

GSK Mechanical, Inc.
 201 Park Court, Suite-A
 Ridgeland, MS 39157
 (601) 750-7365
 Contact: Jason Kackley (jkackley@gskmech.com)

Electrical

The Power Source, PLLC
 945 Madison Avenue
 Madison, MS 39110
 (601) 605-4820
 Contact: Chris Green (cgreen@thepowersource.us)

Structural

Structural Design Group
 220 Great Circle road, Suite 106
 Nashville, TN 37228
 (615) 225-5537
 Contact: Tom Schaeffer, P.E., SECB, FACI
 (Toms@sdg-structure.com)

General Project Notes

Energy Code Requirements

- IBC 2012 Energy Code is the mandatory energy code standard for this project.
- All mechanical and electrical building system installed should meet all requirements of the energy code.
- Continuous air barrier to be provided at building envelope per IBC 2012 Energy Code. Air barrier joints and seams to be sealed and all joints and material transitions. Joints to be securely installed as to not dislodge, loosen or otherwise impair its ability to resist positive and negative pressure from wind or mechanical units.

Thermal Envelope Requirements

- Roofs = R-20 ci (insulation entirely above deck)
- Walls = R-7.6ci (mass walls)
- Walls = R-13 + R-7.5ci (metal framed walls)
- Below Grade Walls = no requirement
- Slab on Grade = no requirement

Fenestration Requirements (U-factor)

- Fixed = U-Factor 0.46
- Operable = U-Factor 0.60
- Entrances = U-Factor 0.77
- SHGC = U-Factor 0.25

General Information

- Do not scale drawings. If dimensions are in question, the contractor shall be responsible for obtaining clarification from the architect before continuing with the construction
- Contractors shall verify, on the site, all dimensions and equipment locations, and notify architect promptly in writing of any discrepancies
- Contractors shall be responsible to determine the on site conditions and perform all necessary work to complete the project
- Contractors shall maintain safe methods of egress for occupied buildings and in site area during construction
- All casework dimensions shall be field verified before unit fabrication or installation
- Dimensions, notes, finishes, and fixtures shown on typical floor plans shall apply to similar, symmetrical, or opposite hand plans, sections, or details
- Typical, or typ., shall mean that condition is representative for similar conditions throughout, U.N.O. Details are usually keyed and noted "Typ." only one time when they first occur
- Partitions are dimensioned from finish face U.N.O. Dimensions to masonry are to actual finish face U.N.O.
- Owner to have right of refusal for all materials, furniture, fixtures and good within the limits of the construction contract.

Code Requirements

1. Applicable Codes and Standards :

- IBC - International Building Code (2012 edition)
- IEBC - International Existing Building Code (2012 edition)
- National Electrical Code (2014 edition)
- IRC - International Residential Code (2012 edition)
- IMC - International Mechanical Code (2012 edition)
- IFGC - International Fuel Gas Code (2012 edition)
- IPC - International Plumbing Code (2012 edition)
- IECC - International Energy Conservation Code (2012 edition)

2. Building Code Requirements

- Occupancy Classification**
 Group U: Utility
- General Building Heights and Area**
 Group U, Type II-B; 8,500 SF allowed
 Area modifications for Fire Suppression not required.

C. Types of Construction

Construction Type II-B requirements:
 Primary Structural Frame - 0hr
 Bearing Walls
 Exterior - 0hr
 Interior - 0hr
 Non-bearing Walls
 Interior - 0hr
 Floor Construction - 0hr
 Roof Construction - 0hr

D. Means of Egress

Common Path of Egress Travel - 75 ft.
 Exit Access Travel Distance - 200 ft.
 Exit Access Travel Distance (w/ Sprinkler) - 250 ft.

E. Fire Protection Systems

Fire Suppression - None.

F. Exterior Wall Fire Separation Distance

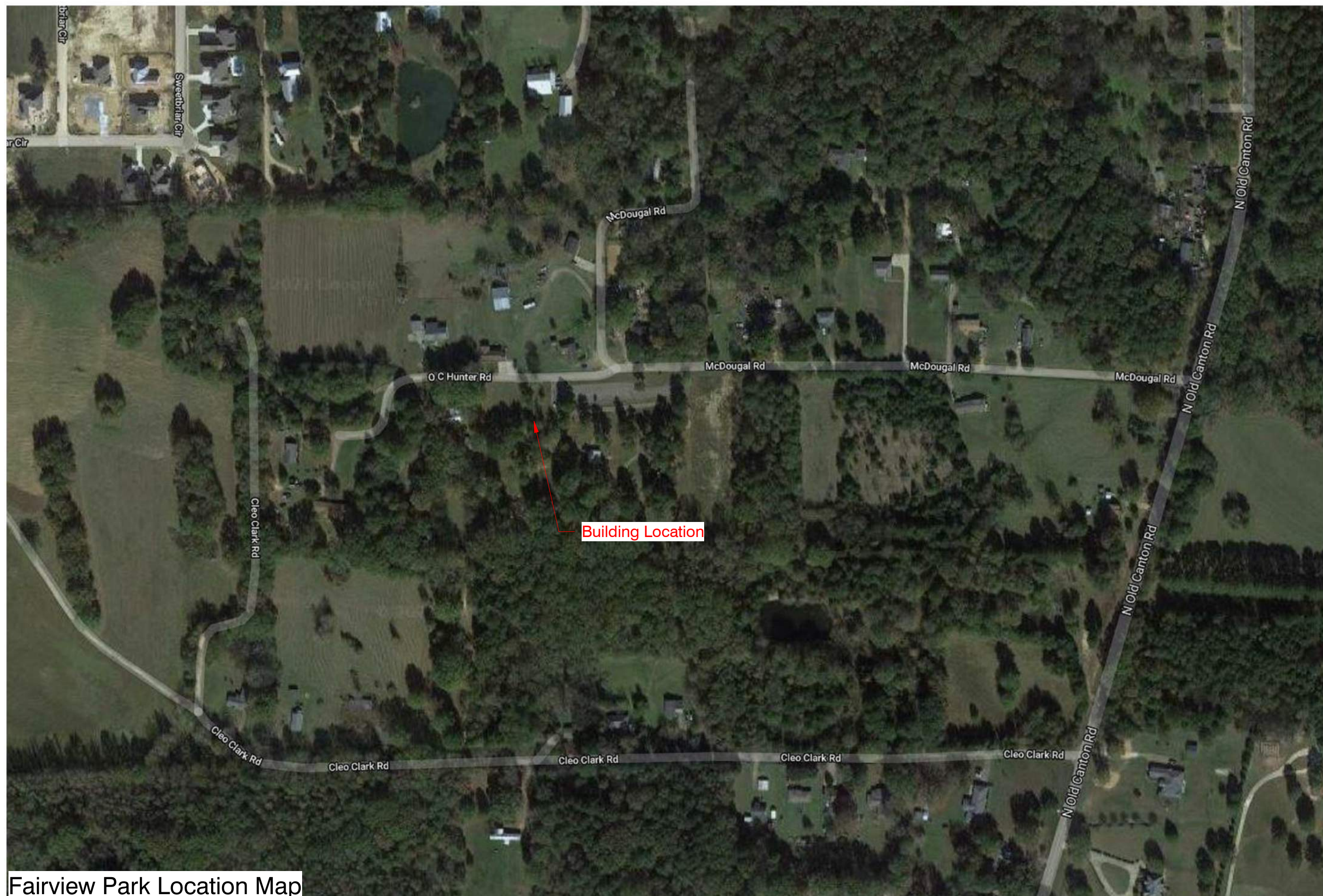
Exterior Walls less than 30' in distance must be 1 Hr. Rated

G. Maximum Area of Exterior Wall Openings Based on Fire Separation Distance.

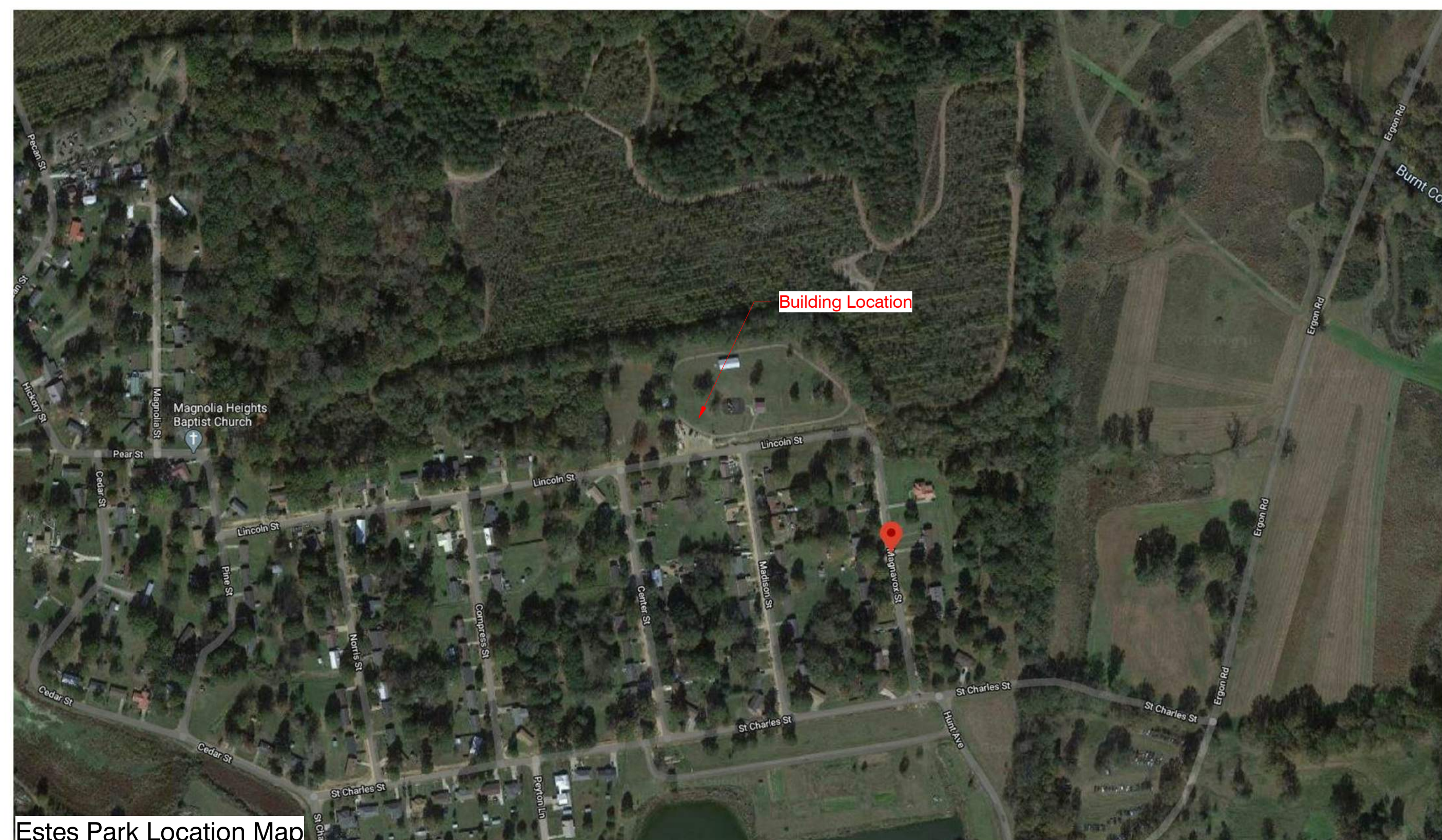
Refer to Table 705.8 in IBC 2012

Drawing Index

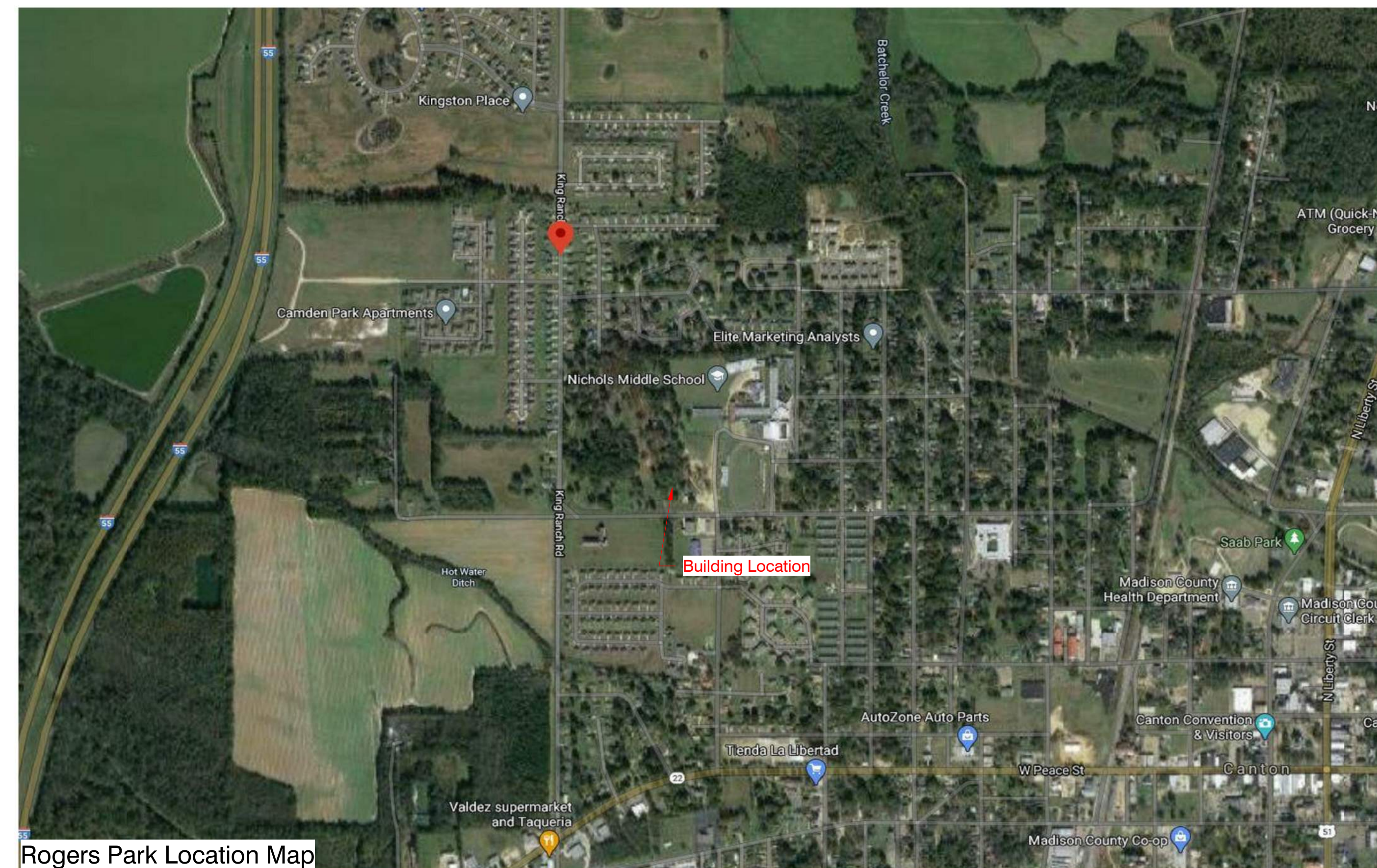
G-000	Cover Sheet
G-001	Index & General Project Information
C-xxx	(See Civil Drawings For Index)
S-xxx	(See Structural Drawings For Index)
AS101	Fairview Park Site Plan
AS102	Estes Park Site Plan
AS103	Rogers Park Site Plan
A-001	Composite Floor Plan
P-xxx	(See Plumbing Drawings For Index)
M-xxx	(See Mechanical Drawings For Index)
E-xxx	(See Electrical Drawings For Index)



Fairview Park Location Map



Estes Park Location Map



Rogers Park Location Map

Graphic Symbols

	Elevation No. Sheet No.	Building Elevation		Wall Type
	Elevation No. Sheet No.	Building Section		Window Type
	Elevation No. Sheet No.	Wall Section		Concrete
	Elevation No. Sheet No.	Interior Elevation		Brick
	Detail No. Sheet No.	Detail		CMU (Plan)
		Center Line		Plywood
		Column Grid		Rigid Insulation
		Door Mark		Batt Insulation
	North True North	North Arrow		Finished Wood
		Spot Elevation		Existing Wall to be Demolished
	Room name 1001	Room Name and Number		Metal Stud Partition
	View On Sheet View Name 1-1/2" = 1'-0" Scale	View On Sheet		1 Hr Rated Wall Partition (See Floor Plan)
				2 Hr Rated Wall Partition (See Floor Plan)
				3 Hr Rated Wall Partition (See Floor Plan)
				Sheet Keynote
				Sheet Number - Common

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Construction Documents

Madison County Restrooms
Canton, MS

Project No	21041
Date	xx May, 2021
Drawn	CSI
Checked	RB
Revisions	Rev Date

G-001
 Index & General Project Information

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1 Fairview Park Site Plan
1" = 30'-0"

General Site Notes

1. All paving and grades at perimeter of building to have positive slope away from structures and towards drainage basins.
2. All grassed areas shall be graded to drain to the appropriate inlet or slope to ensure positive drainage away from the building.
3. Slope all finish grades away from the building to provide drainage away from the structure.

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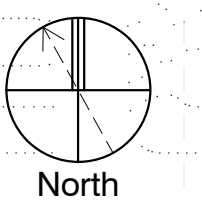
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Canton, MS

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AS101
Fairview Park Site Plan

General Site Notes

- 1. All paving and grades at perimeter of building to have positive slope away from structures and towards drainage basins.
- 2. All grassed areas shall be graded to drain to the appropriate inlet or slope to ensure positive drainage away from the building.
- 3. Slope all finish grades away from the building to provide drainage away from the structure.

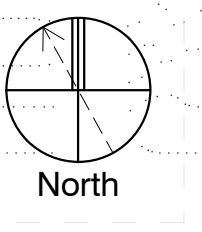


1 Estes Park Site Plan
1" = 30'-0"

Madison County Restrooms
Canton, MS

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Project No	21041
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General Site Notes

1. All paving and grades at perimeter of building to have positive slope away from structures and towards drainage basins.
2. All grassed areas shall be graded to drain to the appropriate inlet or slope to ensure positive drainage away from the building.
3. Slope all finish grades away from the building to provide drainage away from the structure.

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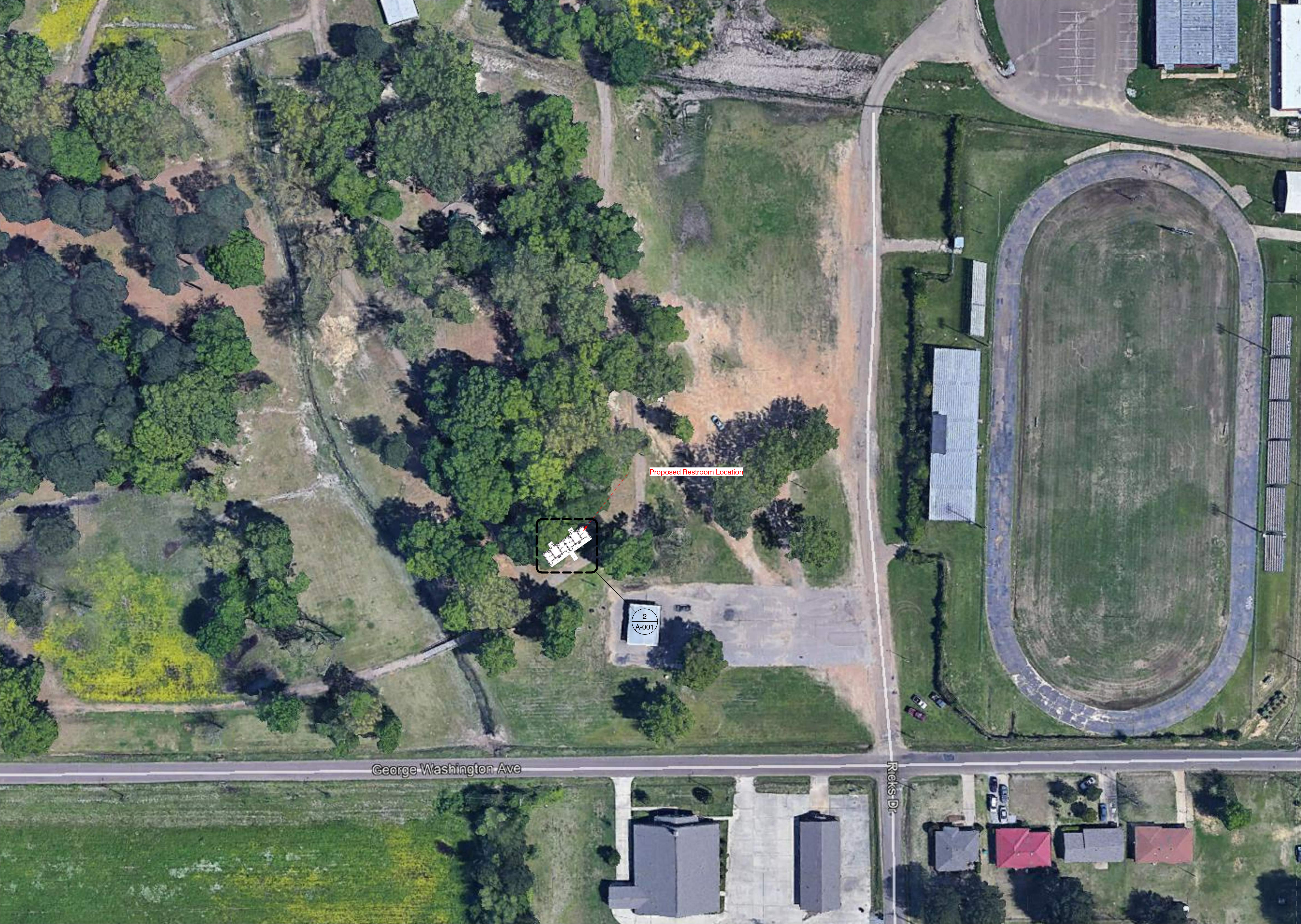
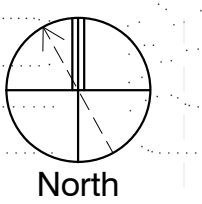
Madison County Restrooms
Canton, MS

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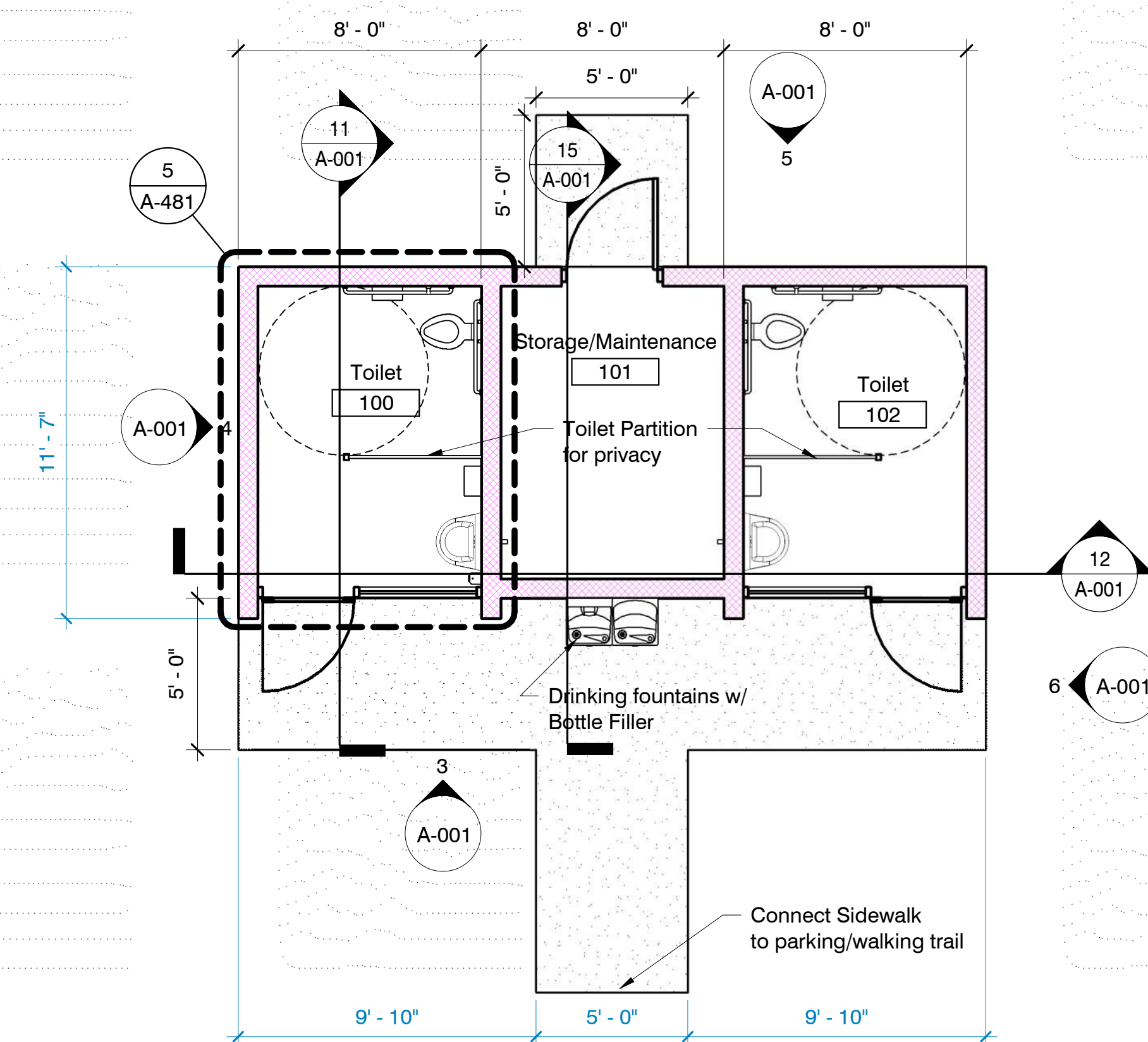
AS103

Rogers Park Site Plan

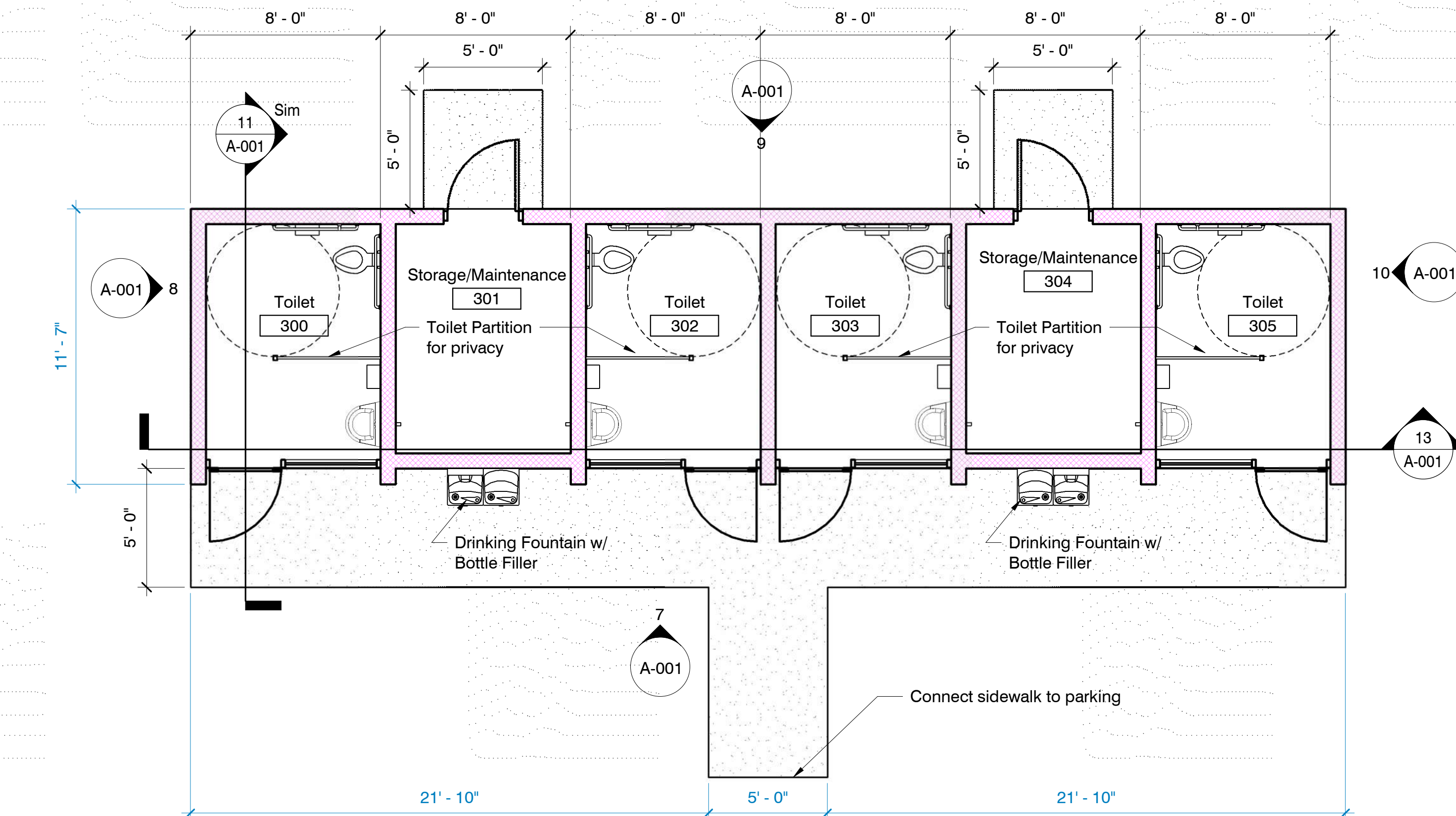


1 Rogers Park Site Plan
1" = 40'-0"

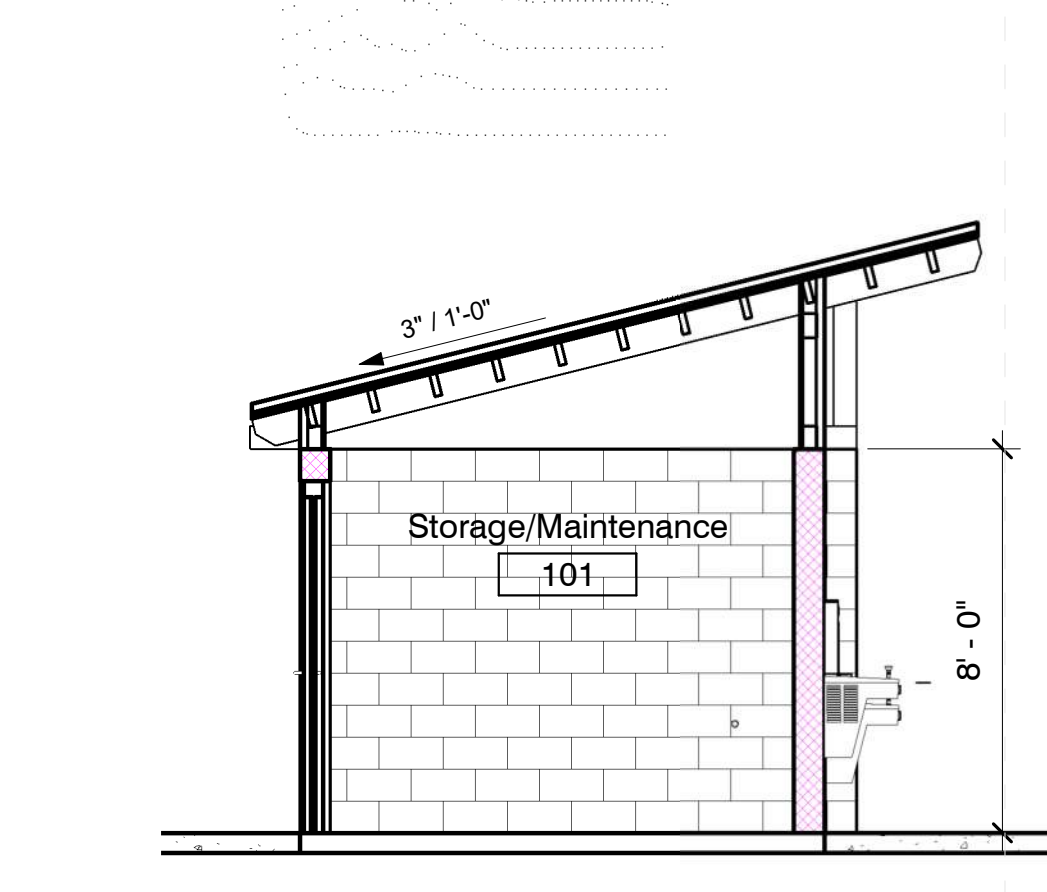
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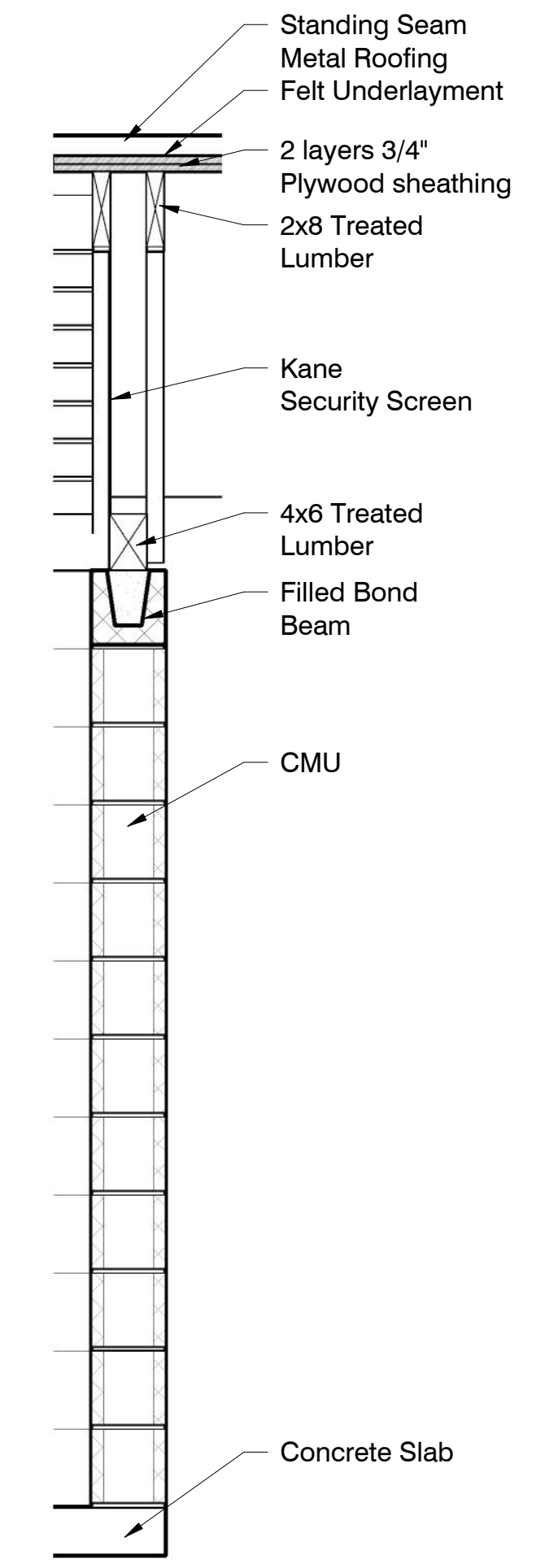
1 Estes Park and Fairview Park Typical
1/4" = 1'-0"



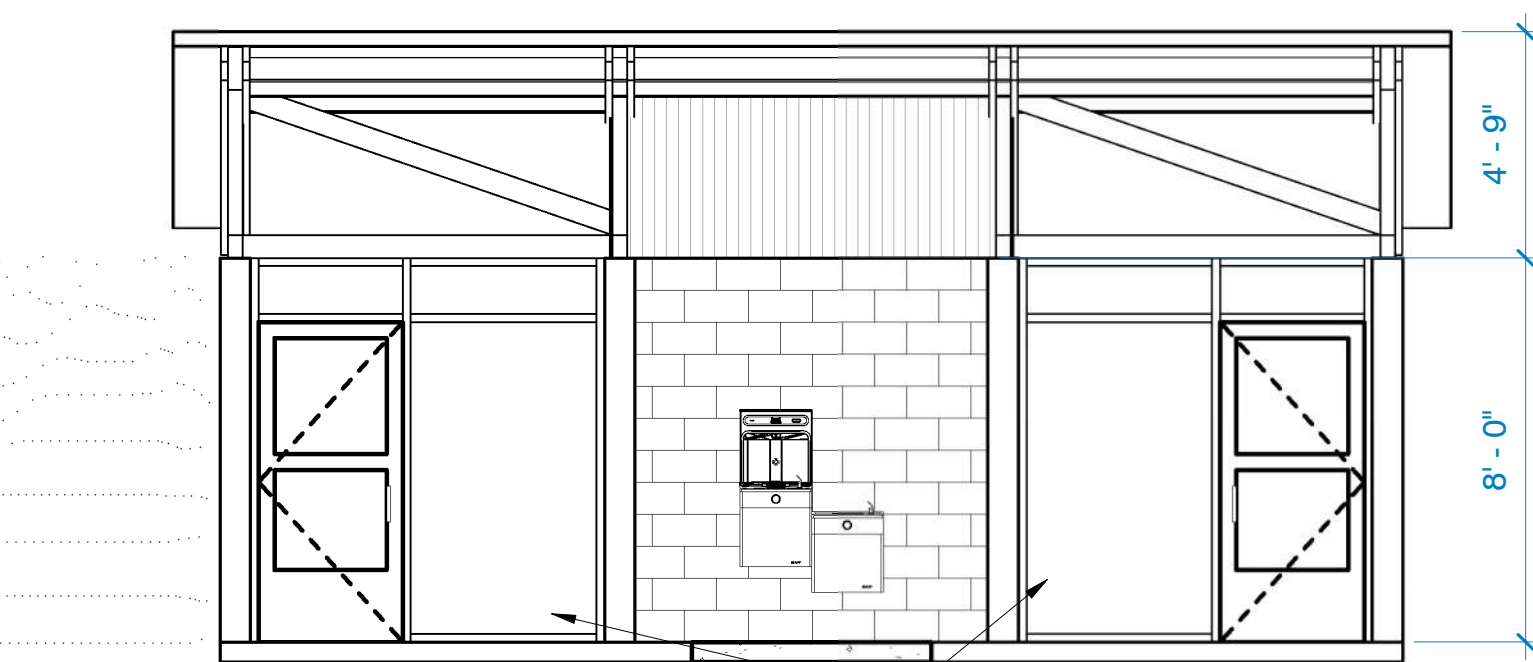
2 Rogers Park
1/4" = 1'-0"



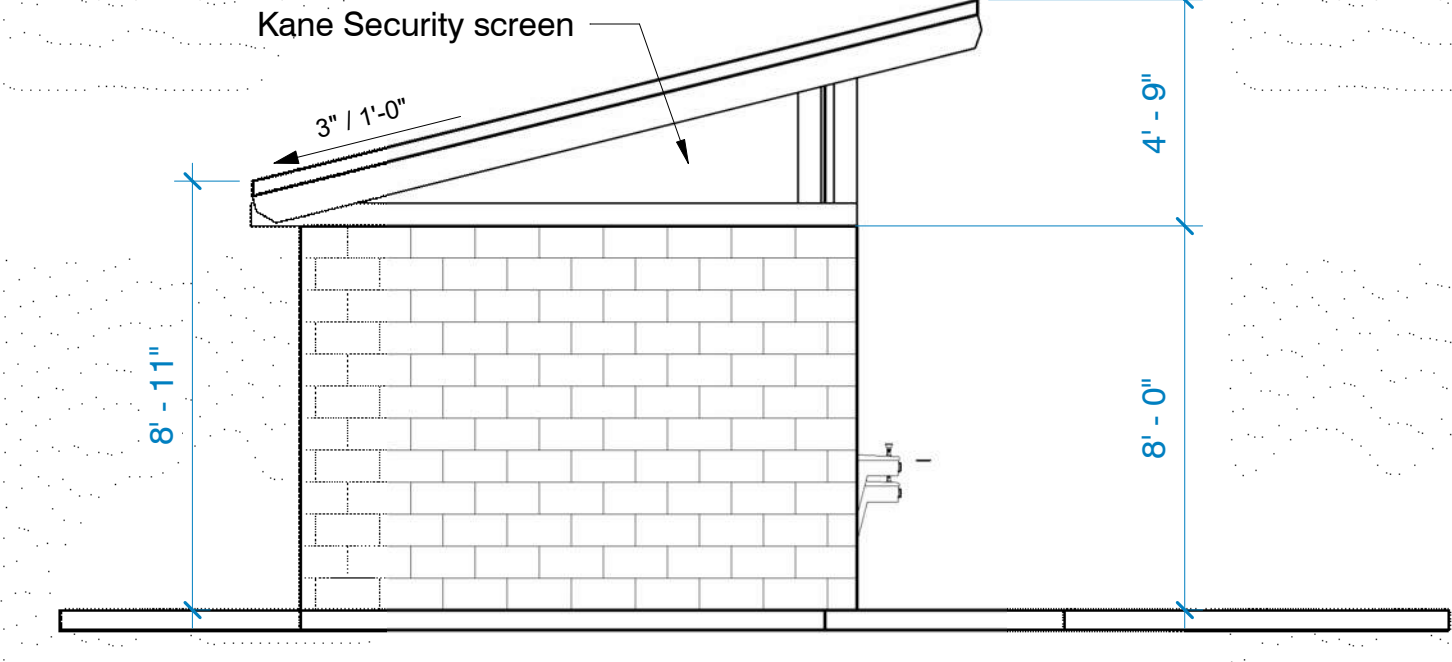
15 Storage Cross-Section TYP.
1/4" = 1'-0"



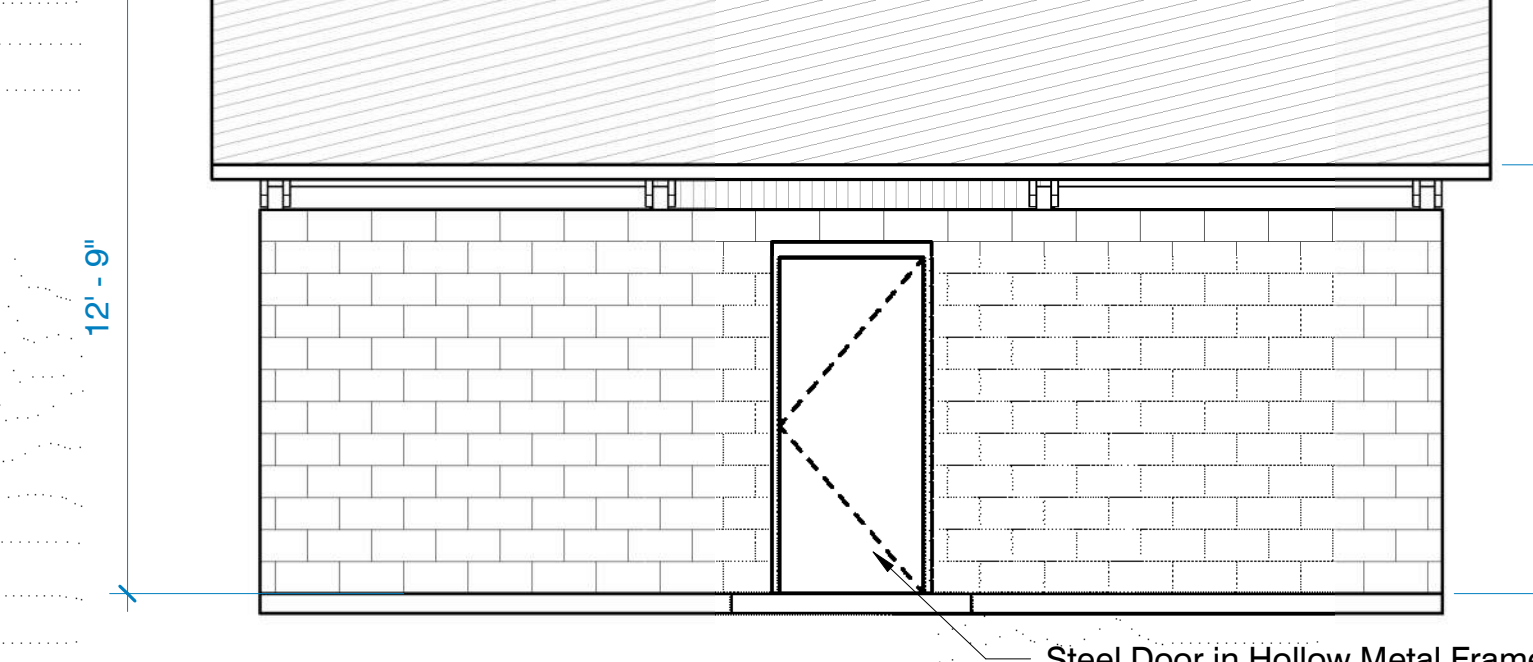
14 Wall Section TYP.
3/4" = 1'-0"



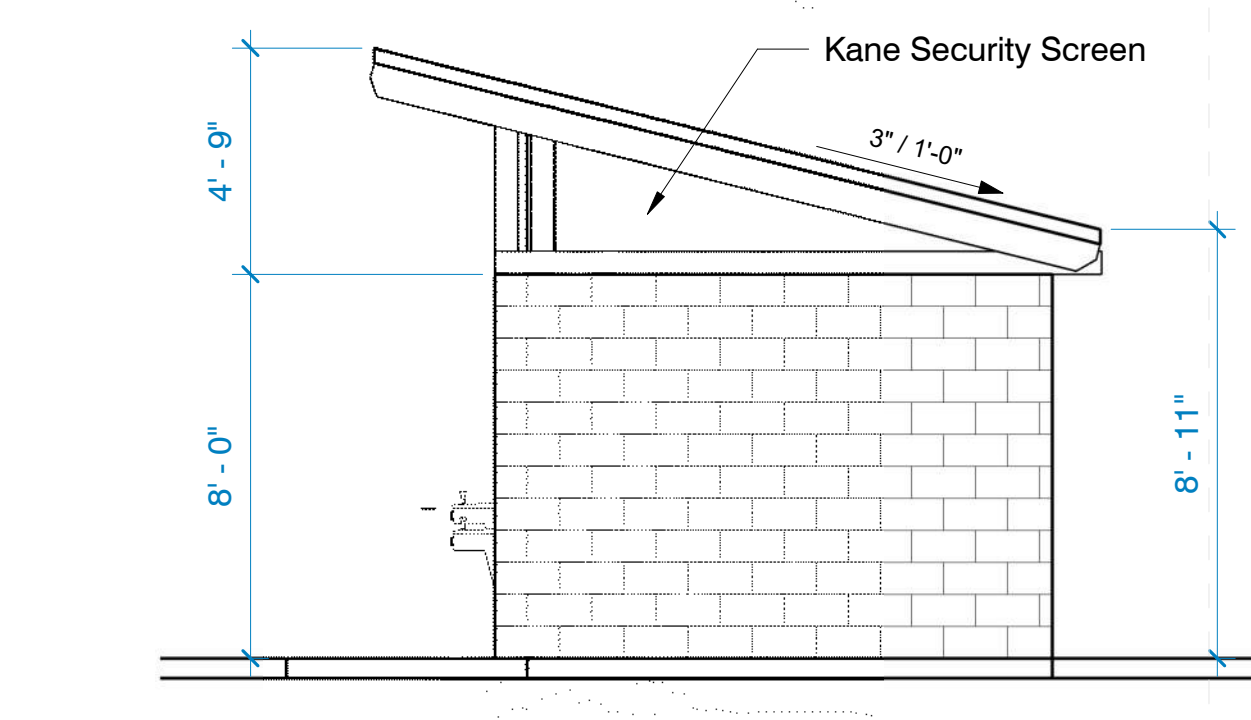
3 Front Elevation TYP.
1/4" = 1'-0"



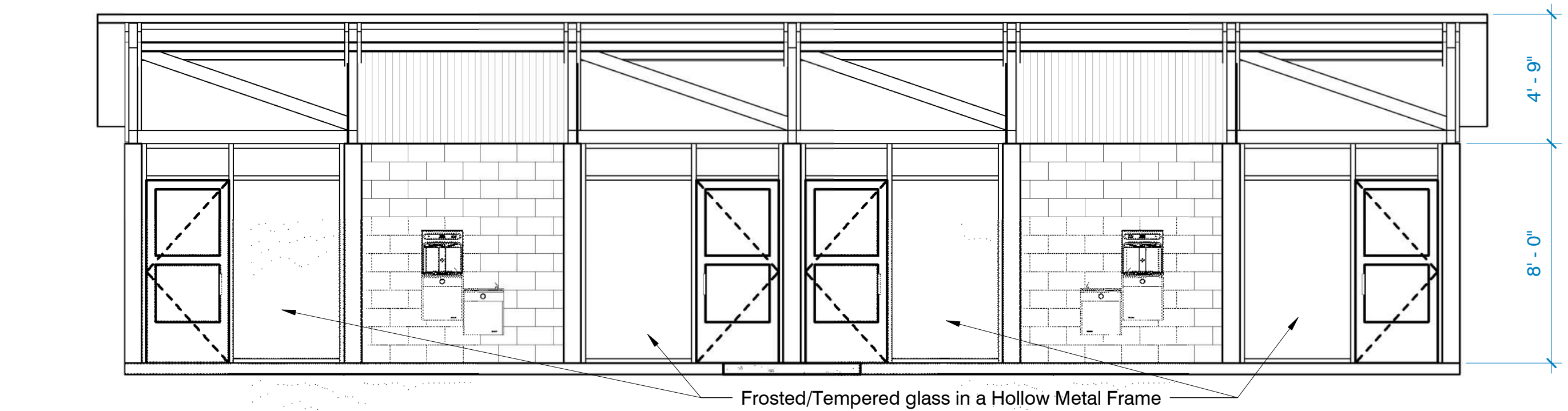
4 Left Elevation TYP.
1/4" = 1'-0"



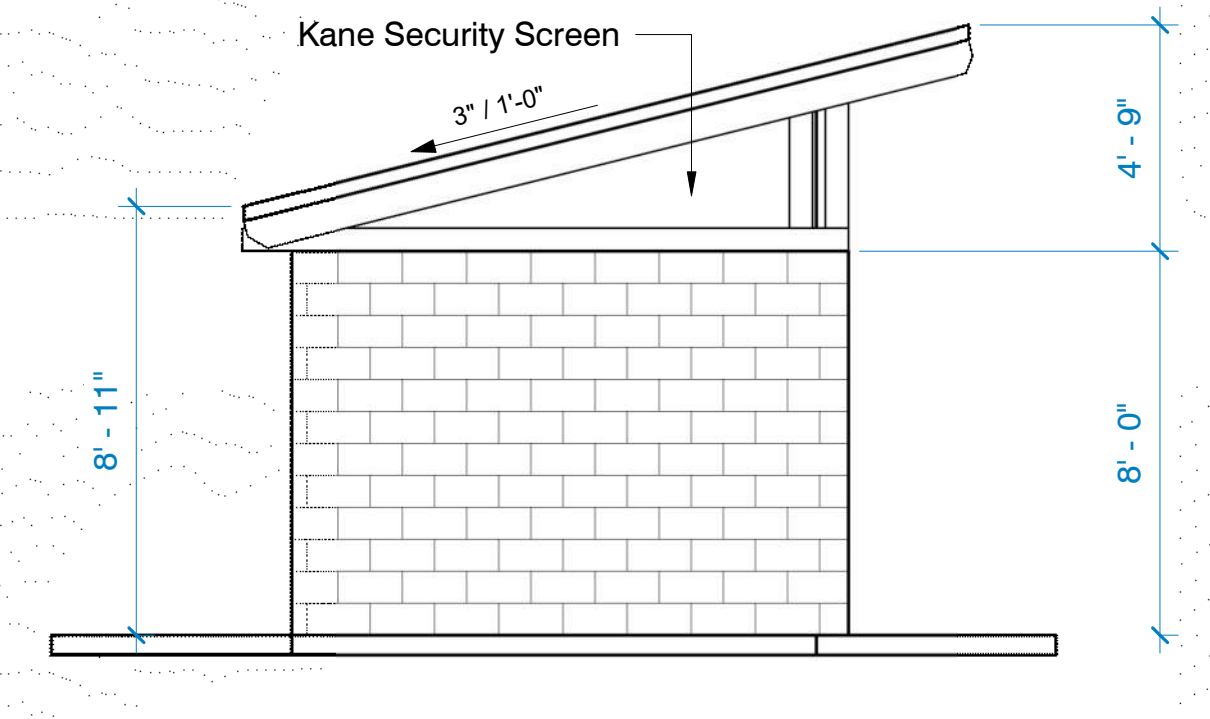
5 Rear Elevation TYP.
1/4" = 1'-0"



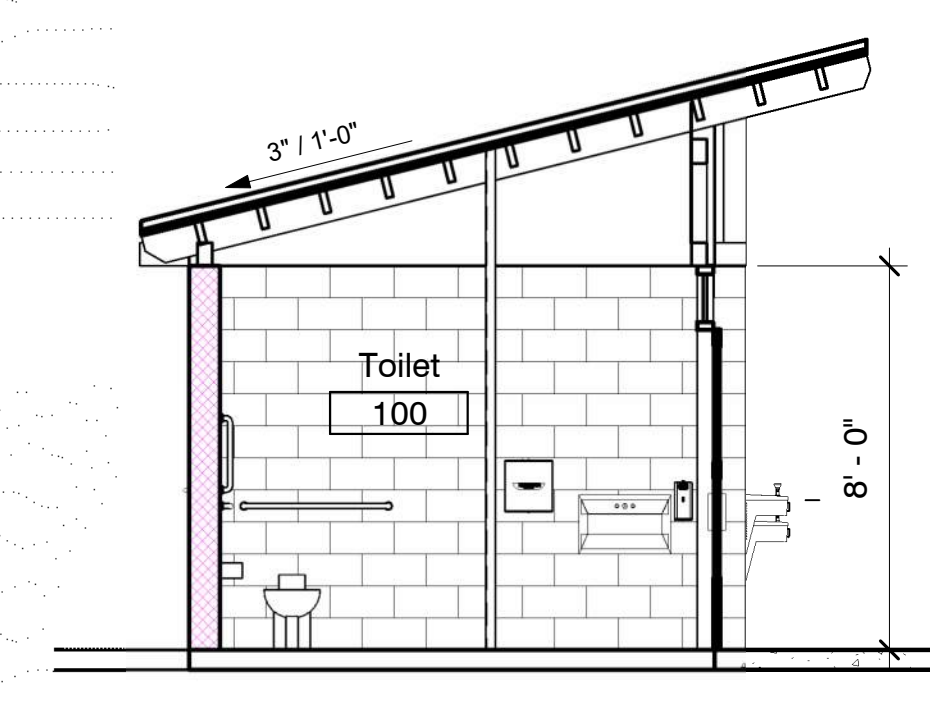
6 Right Elevation TYP.
1/4" = 1'-0"



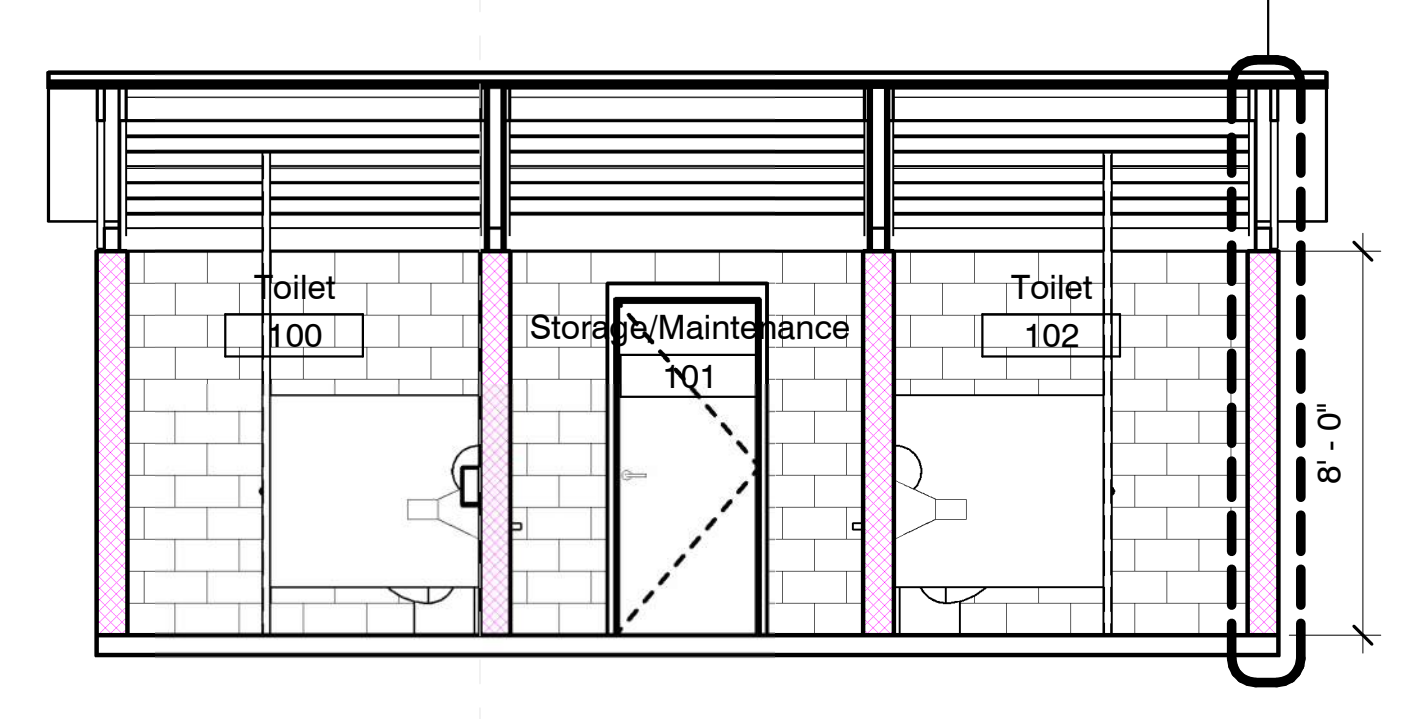
7 Rogers Park Front Elevation
1/4" = 1'-0"



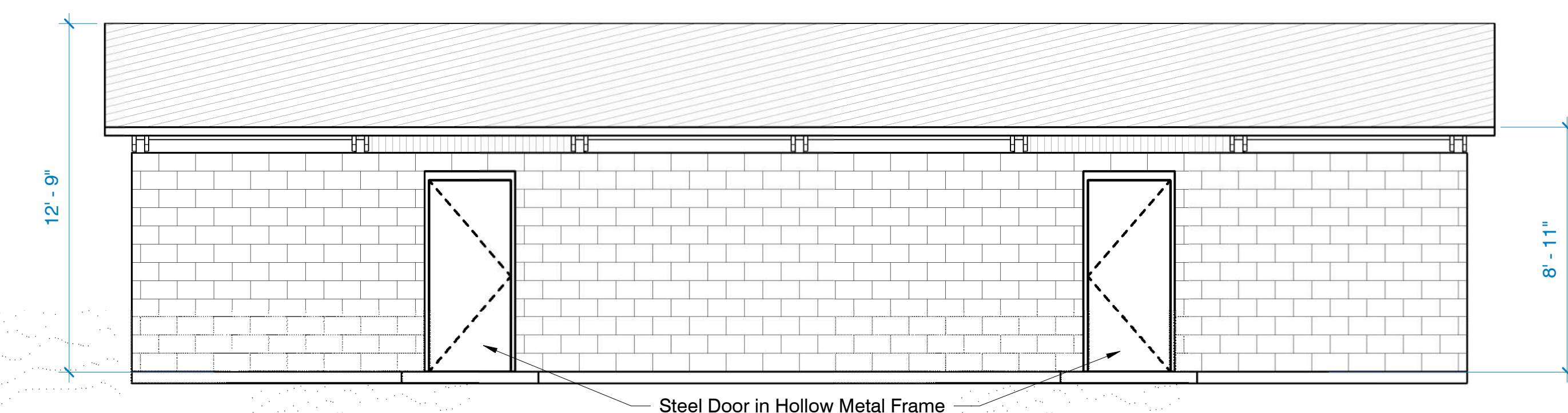
8 Rogers Park Left Elevation
1/4" = 1'-0"



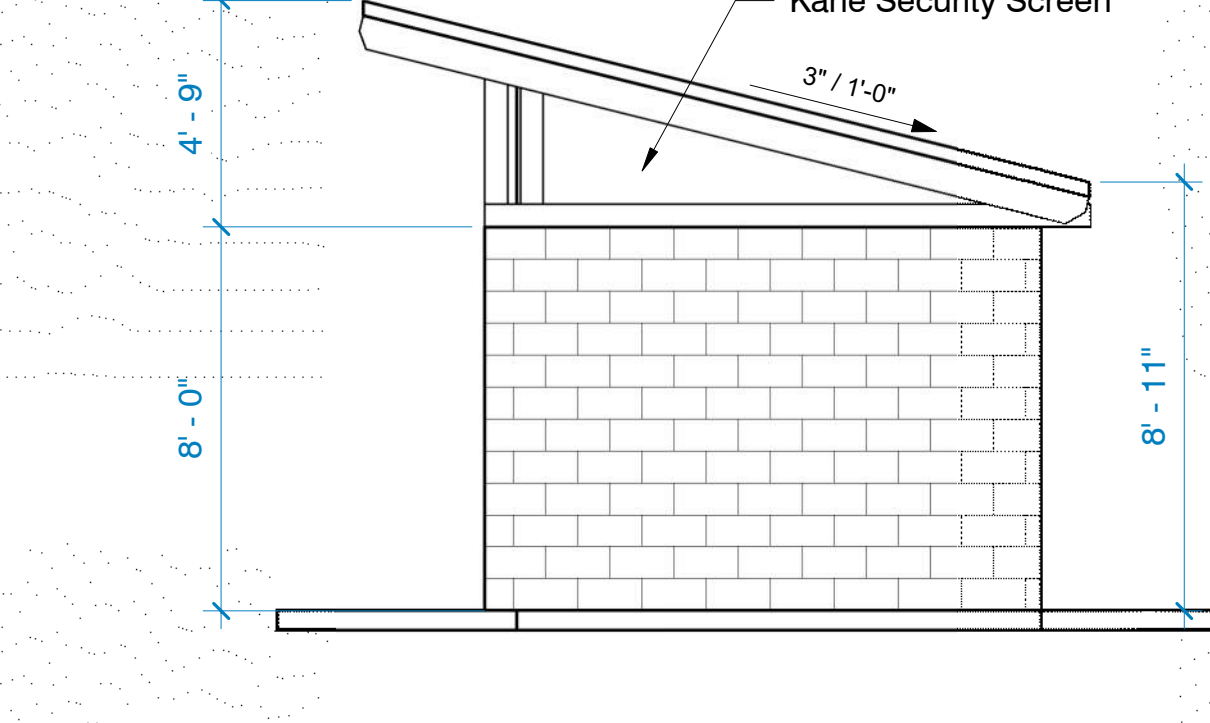
11 Cross-Section TYP.
1/4" = 1'-0"



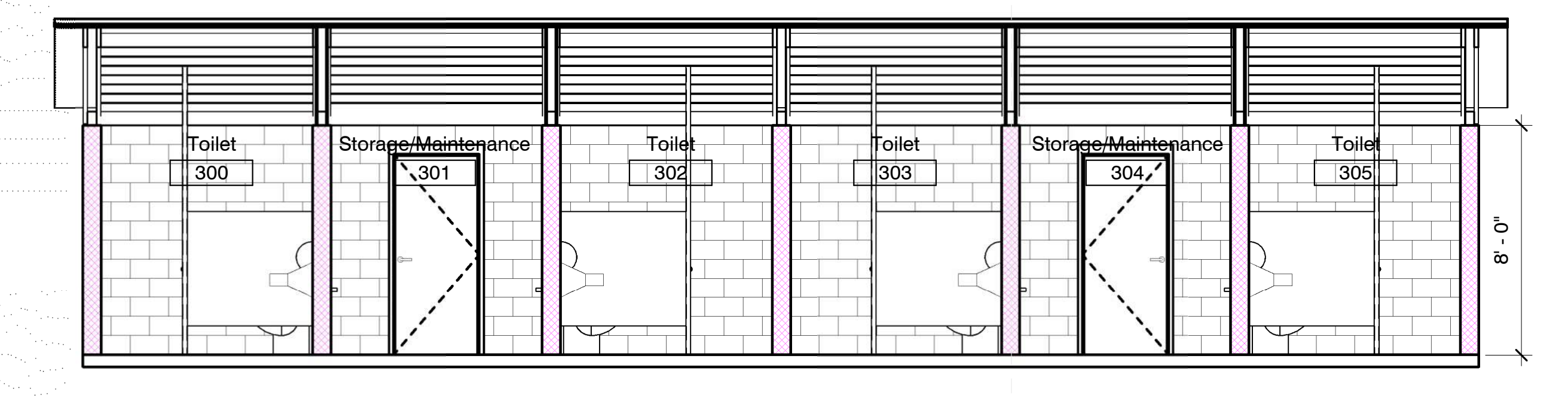
12 Longitudinal Section TYP.
1/4" = 1'-0"



9 Rogers Park Rear Elevation
1/4" = 1'-0"

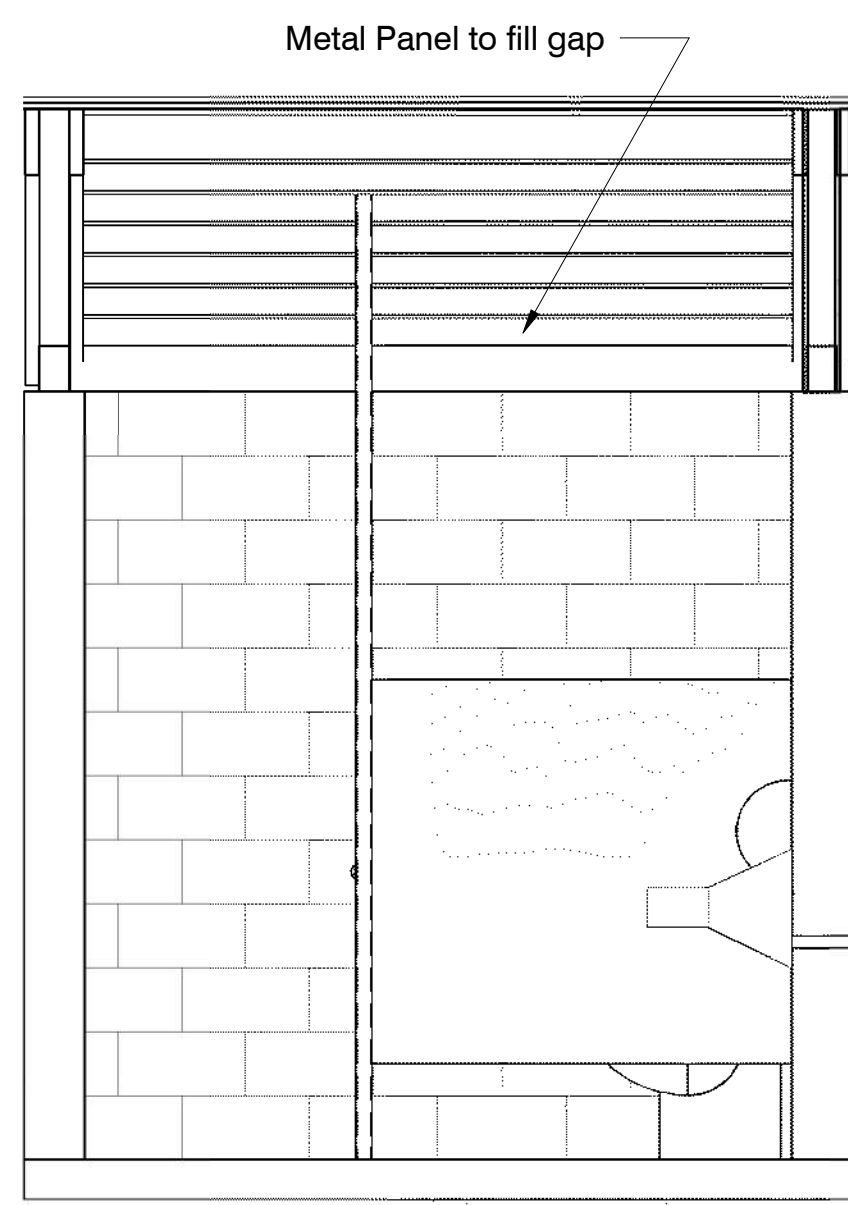


10 Rogers Park Right Elevation
1/4" = 1'-0"

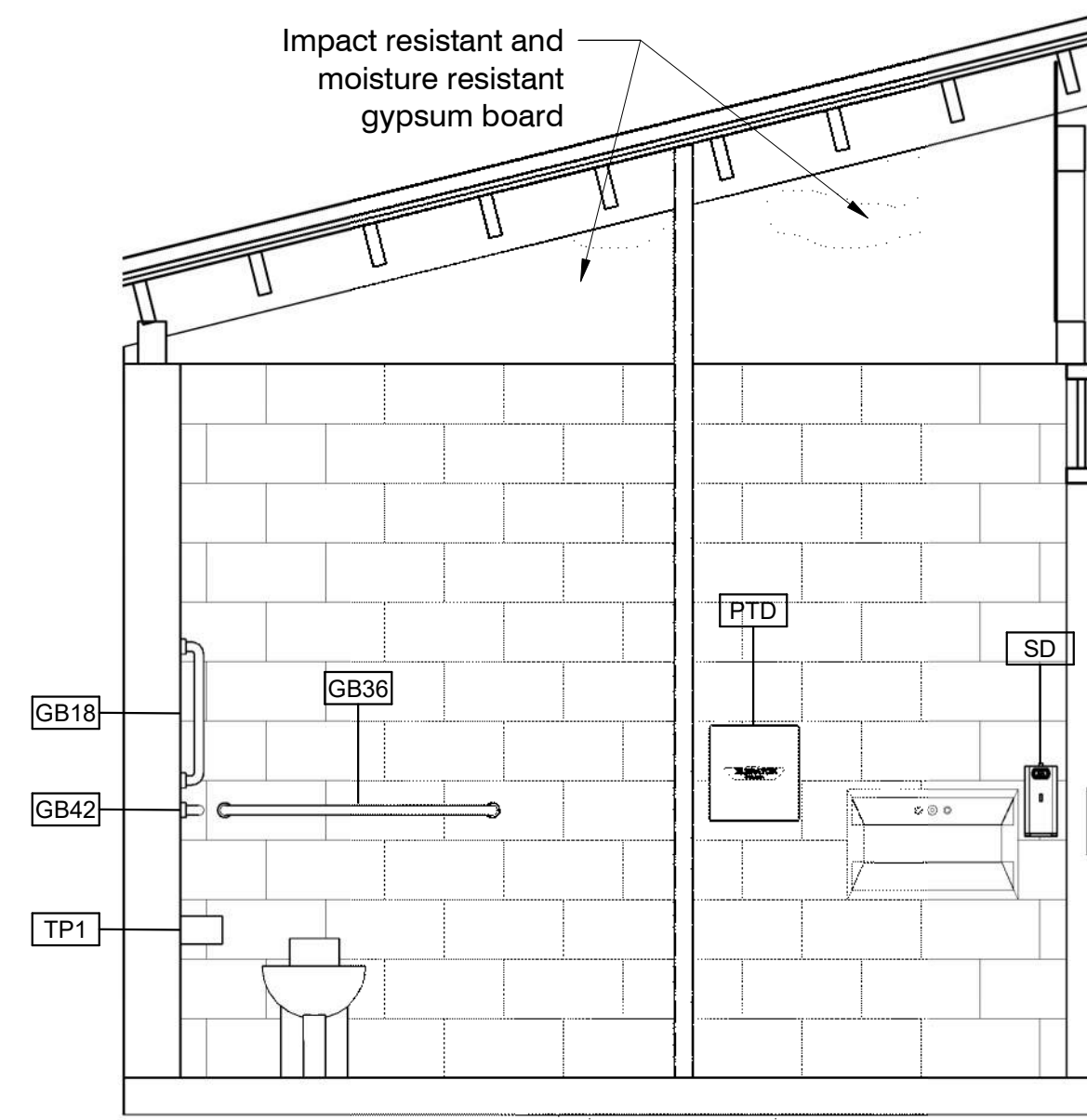


13 Rogers Park Longitudinal Section
1/4" = 1'-0"

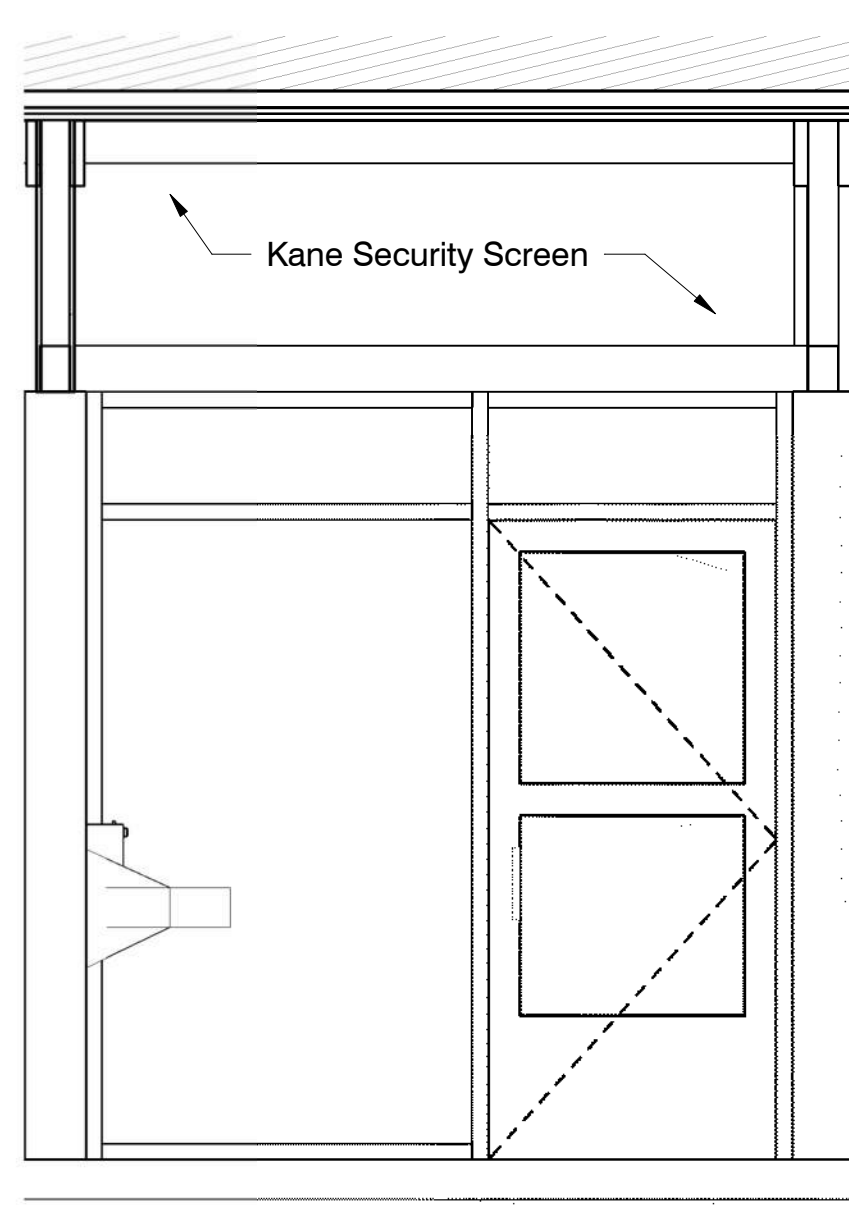
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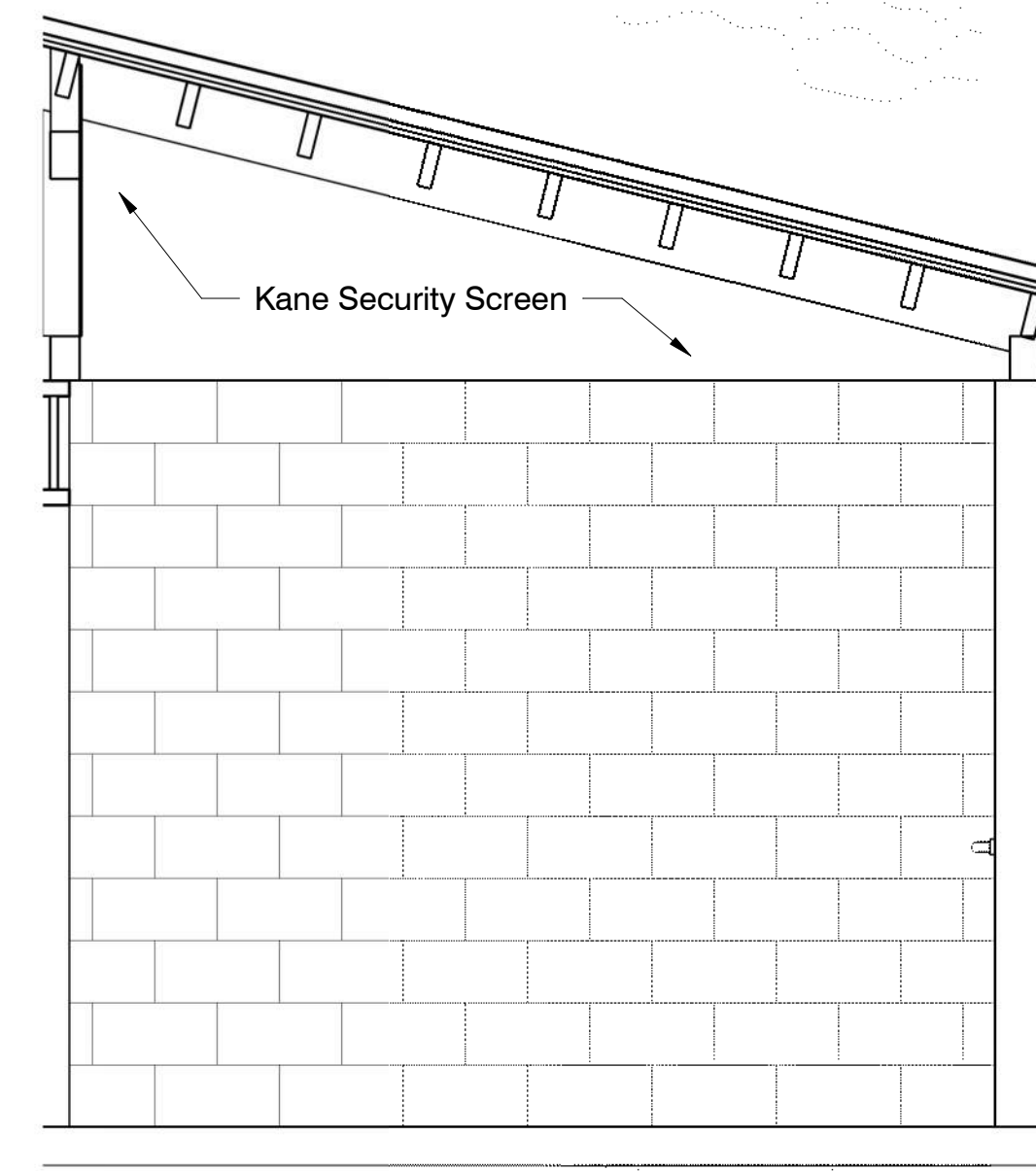
1 Typical Toilet Elevation A
1/2" = 1'-0"



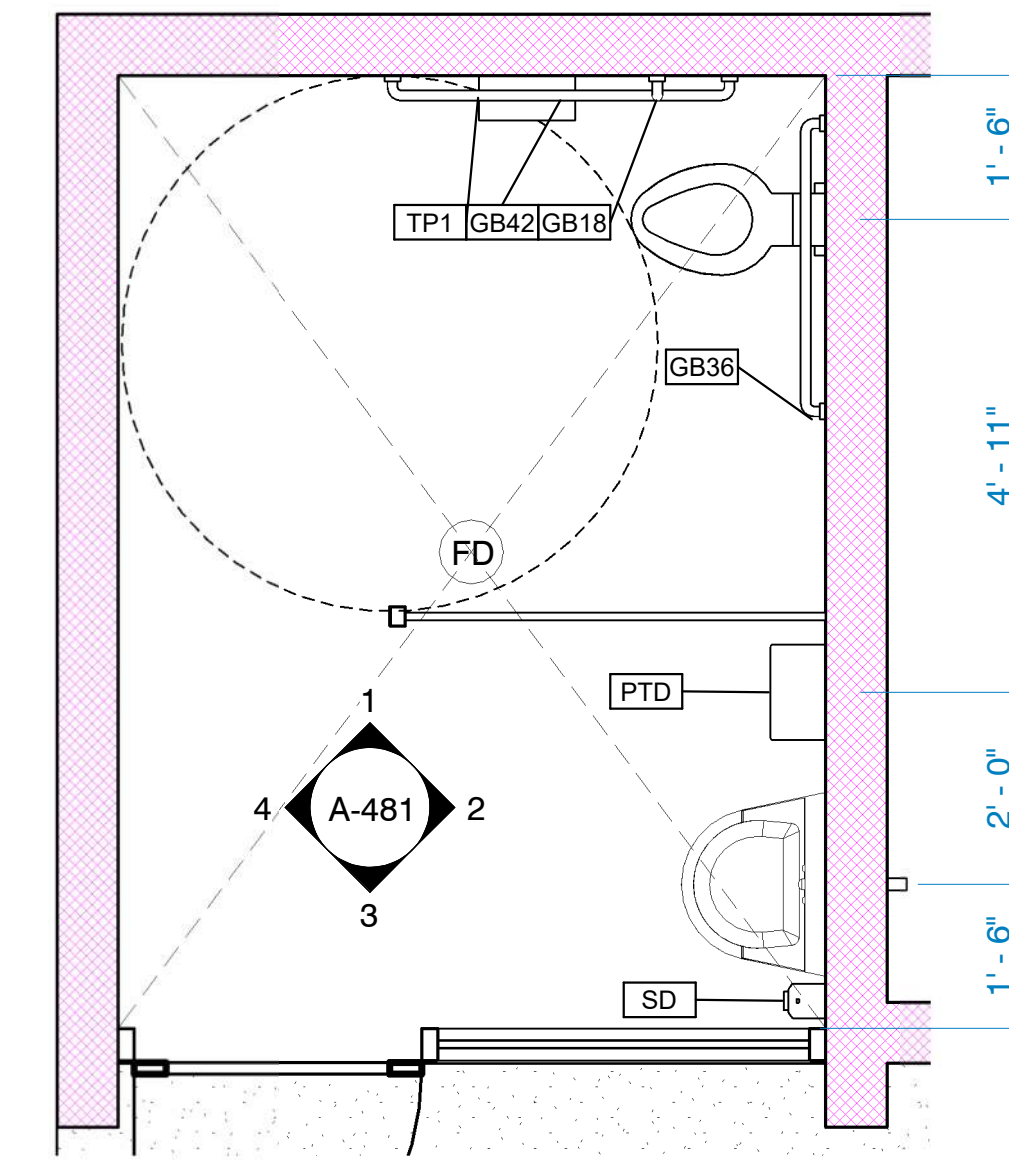
2 Typical Toilet Elevation B
1/2" = 1'-0"



3 Typical Toilet Elevation C
1/2" = 1'-0"



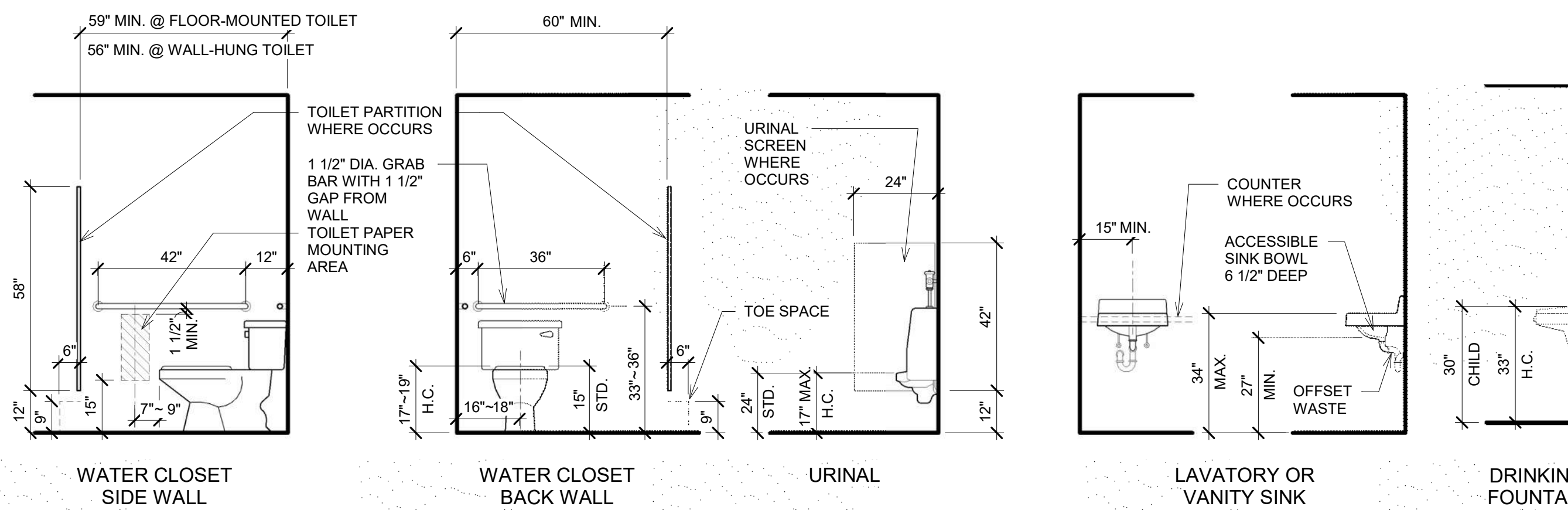
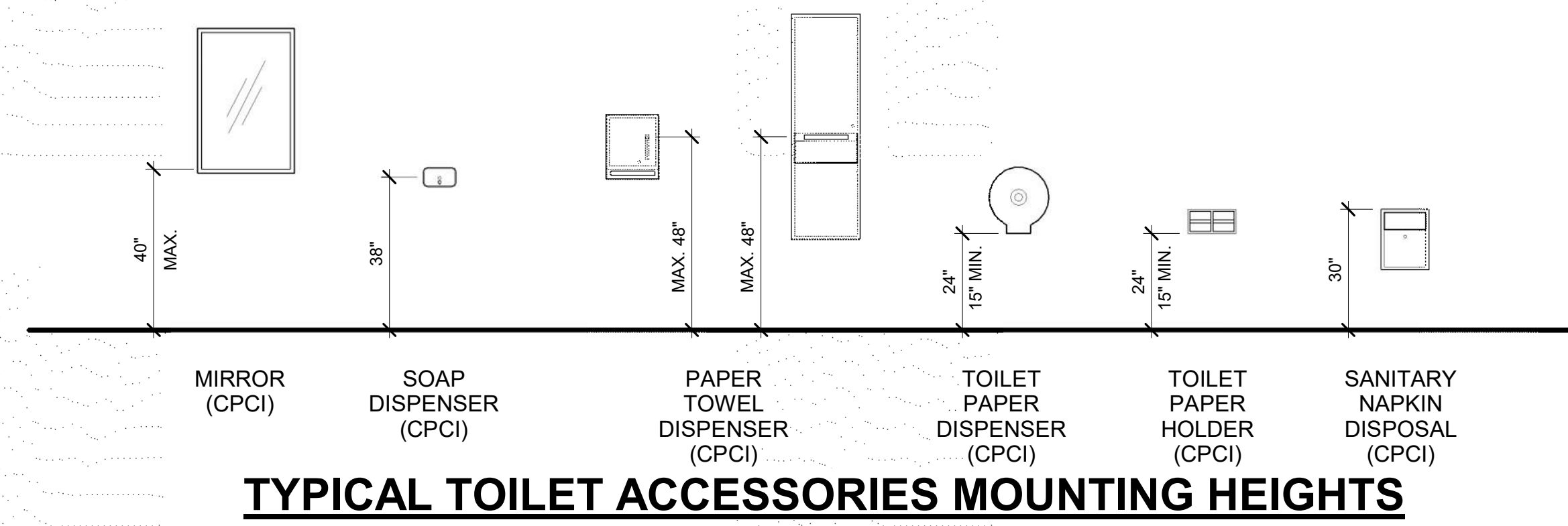
4 Typical Toilet Elevation D
1/2" = 1'-0"



5 Enlarged Typical Toilet Plan
1/2" = 1'-0"

Toilet Accessory Legend

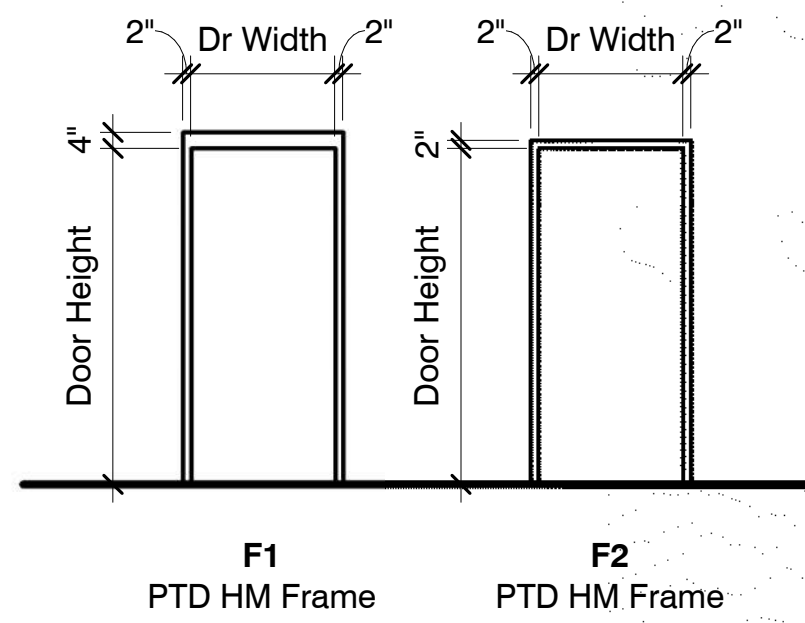
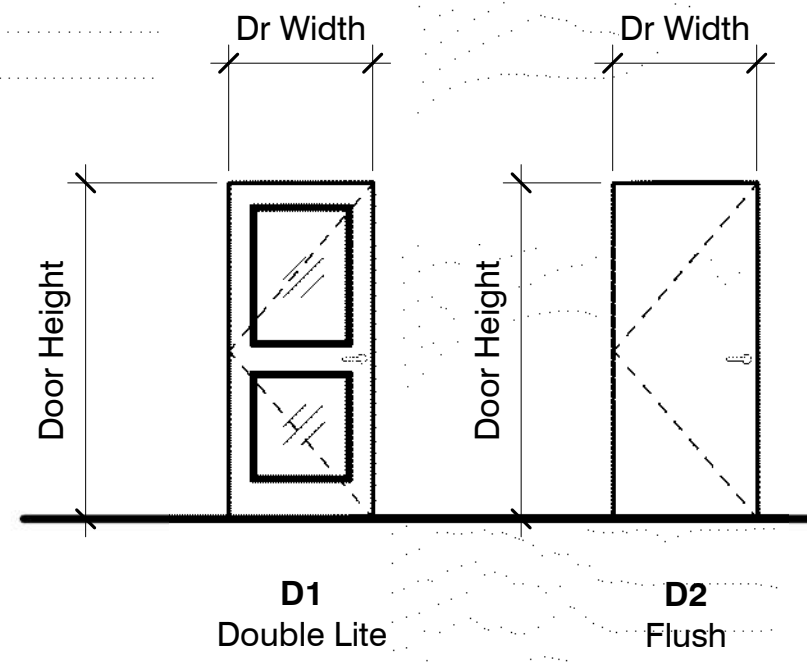
- GB36. Grab Bars: 36", 1-1/2" diameter
- GB42. Grab Bars: 42", 1-1/2" diameter
- GB18. Grab Bars: 18", 1-1/2" diameter
- TP1. Toilet Paper Dispenser: CPCI (Contractor Provided, Contractor Installed)
- PTD. Paper Towel Dispenser: CPCI
- SD. Soap Dispenser: CPCI
- M. Mirror: 20"x36": CPCI
- CH. Robe/Coat Hooks: Mount on toilet side of door
- FD. Floor Drain



6 Typical Accessible Mounting Heights
3/8" = 1'-0"

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Finish Schedule						
Number	Room Name	Floor	Finishes			Comments
			Base	Wall	Ceiling	
100	Toilet	SC-1	--	PT1	PT2/EXPD	Fairview Park
101	Storage/Maintenance	SC-1	--	PT1	PT2/EXPD	Fairview Park
102	Toilet	SC-1	--	PT1	PT2/EXPD	Fairview Park
200	Toilet	SC-1	--	PT1	PT2/EXPD	Estes Park
201	Storage/Maintenance	SC-1	--	PT1	PT2/EXPD	Estes Park
202	Toilet	SC-1	--	PT1	PT2/EXPD	Estes Park
300	Toilet	SC-1	--	PT1	PT2/EXPD	Rogers Park
301	Storage/Maintenance	SC-1	--	PT1	PT2/EXPD	Rogers Park
302	Toilet	SC-1	--	PT1	PT2/EXPD	Rogers Park
303	Toilet	SC-1	--	PT1	PT2/EXPD	Rogers Park
304	Storage/Maintenance	SC-1	--	PT1	PT2/EXPD	Rogers Park
305	Toilet	SC-1	--	PT1	PT2/EXPD	Rogers Park



Door Types
1/4" = 1'-0"

Frame Types
1/4" = 1'-0"

Partition Types											
Type	Width	Height	zx			Fire Protection			Acoustic		Comments
			Outer Substrate	Structure	Inner Substrate	Rating	Fire Batt	UL#	Sound Batt	STC	
A1	4 3/4"	To Deck	5/8" Gypsum	4x6 Nominal Lumber	5/8" Gypsum	0 Hr	--	--	--	--	--
B1	7 5/8"	8' above FF	--	8" CMU	--	0 Hr	--	--	--	--	--

Door Schedule																
Mark	Door				Frame							Fire Rating (Min)	Hardware	Notes		
	Dr W	PR	Size		Matl	EI	Giz	Matl	EI	Giz	Head				Jamb	Sill
100A	3' - 0"	-	3' - 0"	6' - 8"	HM	D3	GL1	HM	F1	-	-	-	-	-	-	Fairview Park
101A	3' - 0"	-	3' - 0"	7' - 0"	HM	D2	GL1	HM	F1	-	-	-	-	-	-	Fairview Park
102A	3' - 0"	-	3' - 0"	6' - 8"	HM	D3	GL1	HM	F1	-	-	-	-	-	-	Fairview Park
200B	3' - 0"	-	3' - 0"	6' - 8"	HM	D1	GL1	HM	F1	-	-	-	-	-	-	Estes Park
201B	3' - 0"	-	3' - 0"	7' - 0"	HM	D2	GL1	HM	F1	-	-	-	-	-	-	Estes Park
202B	3' - 0"	-	3' - 0"	6' - 8"	HM	D1	GL1	HM	F1	-	-	-	-	-	-	Estes Park
300	3' - 0"	-	3' - 0"	6' - 8"	HM	D3	GL1	HM	F1	-	-	-	-	-	-	Rogers Park
301	3' - 0"	-	3' - 0"	7' - 0"	HM	D2	GL1	HM	F1	-	-	-	-	-	-	Rogers Park
302	3' - 0"	-	3' - 0"	6' - 8"	HM	D3	GL1	HM	F1	-	-	-	-	-	-	Rogers Park
303	3' - 0"	-	3' - 0"	6' - 8"	HM	D3	GL1	HM	F1	-	-	-	-	-	-	Rogers Park
304	3' - 0"	-	3' - 0"	7' - 0"	HM	D2	GL1	HM	F1	-	-	-	-	-	-	Rogers Park
305	3' - 0"	-	3' - 0"	6' - 8"	HM	D3	GL1	HM	F1	-	-	-	-	-	-	Rogers Park
Grand total:	12														0	

General Finish Schedule Notes

1. Provide moisture-resistant backer board to all CMU walls scheduled to receive ceramic tile.
2. Extend all flooring underneath casework.
3. Provide moisture resistant ACU at all wet conditions.
4. Apply epoxy paint to CMU at all non wet wall locations in restrooms. See interior elevations.
5. Where new rubber base is specified in Existing Classrooms, the existing rubber base is to be demoed and replaced.
6. Where new ceiling is specified in existing buildings, demo the existing ceiling and replace with new.
7. All Walls Adjacent to EDFs are to receive CWT-1 up to 6' - 0" Above FFE and Epoxy Paint Above CWT. Match Adjacent Paint Color.

Finish Schedule Legend

Floor
SC-1 Sealed Concrete 1: See spec section 033450.

Base
Wall
PT-1 Paint Color 1: See spec section 099123.

Ceiling
PT-2 Paint Color 2: See Spec Section 099123
EXPD Exposed

General Partition Notes

1. Walls that do not have a wall tag indicated on the floor plans, are wall type B1
2. Refer to structural drawings for CMU bond beam, CMU Block Size, Grout, & Rebar requirements. Provide top bond beam & grout solid UNO.
3. Refer to symbols legend and floor plan for additional fire rated indications
4. Where walls are noted to extend to B.O. deck, the wall materials (gyp, stud, &/or CMU) are to extend to not greater than 1" from the B.O. structural deck. Where walls have gyp. board, the gyp. is to be cut parallel to the structural deck form, not less than 3/4". Remaining voids shall be filled with compressible sound attenuation & backer rod & sealant at non-rated assemblies & sealed smoke-tight with backer rod & fire-stopping sealant at fire or smoke-rated assemblies.
5. Control joints and expansion joints in fire or smoke-rated partitions shall be constructed to maintain the fire rating of the partition using continuous firestopping material within the joint. Control joints and expansion joints in un-rated partitions shall be constructed to resist sound transmission using fire-resistant sound attenuation blanket material within the joint
6. At un-rated partitions, the partition construction shall be identical to the construction of the fire-rated partition, except that acoustical sealant shall be used in lieu of firestopping
7. Partition type reference indicated on the floor plans do not included the applied finishes. Refer to room finish schedule, room finish notes, and interior details for applied finishes.
8. Where items are recessed in the walls of fire-rated partitions, provide additional gyp. wallboard, fireproofing, and/or firestopping around the recessed portion of the item in thickness and construction as required to maintain the fire rating of the partition.
9. At all locations where fire-rated partitions abut or attach to fireproofed structural members, the fire rating of both the structural members and the partition shall be maintained
10. In addition to any other partition requirements, all joints in the gypsum wallboard surfaces shall be taped, floated, and painted, including fire-rated partitions, un-rated partitions, exposed surfaces, concealed surfaces, and surfaces above the ceiling.
11. All metal stud walls in toilets, laundry, kitchen, or other wet areas to receive moisture resistant gyp. board. Tile backer board to be used on all walls scheduled to receive tile finishes.
12. Contractor to seal all penetrations in non-rated walls with sound attenuation blankets and/or acoustic sealant to maintain that wall's STC rating
13. All exposed interior CMU corners and edges shall be bullnosed, except @ the Lowest Bottom CMU Course
14. Provide moisture-resistant tile backer board at all CMU walls scheduled to receive CT wainscot.

General Door & Window Notes

1. Provide 1/4" tempered acid etched glass.
2. Typical undercut for to be 1/4" above top of threshold for exterior doors.
3. All wood & steel doors to be 1-3/4" thick UNO
4. Coordinate all electrical hardware requirements with electrical drawings & specifications
5. Dimensions given on plans & schedules are nominal. Coordinate dimensions in the field concerning frame & rough openings prior to fabrication & construction
6. Door handles shall be mounted at 38" AFF UNO
7. Doors shall be minimally undercut to accept floor covering or finish
8. Outside of door frames shall be set 4" from adjacent wall or partition UNO
9. Reference finish plans for floor finish transitions at doors
10. Align transition of flooring material changes & graphic patterns with centerline of door. Provide threshold transition where applicable or as noted on floor finish drawings
11. Exit doors shall be accessible, slope finish paving from flush with finish floor to public way not to exceed 1:20 slope
12. Provide weatherstrip at exterior & doors within partitions with acoustic rating
13. Door hardware shall comply with the Americans With Disabilities Act, including but not limited to: a. Max 1/2" threshold with 1:2 slope, b. Push / pull handles or lever handles, c. Door closers meet ADA force & sweep period requirements
14. Locate all door closers on interior room side of door

Abbreviations:

ES	Electric Strike
FG	Fiberglass
GL1	1/4" tempered/acid etched glass
HM	Hollow metal
MTL	Metal
PR	Pair
PREF	Prefinished
PVC	Polyvinyl chloride
SS	Stainless steel
STN	Stained & sealed
TF	Transparent finish

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