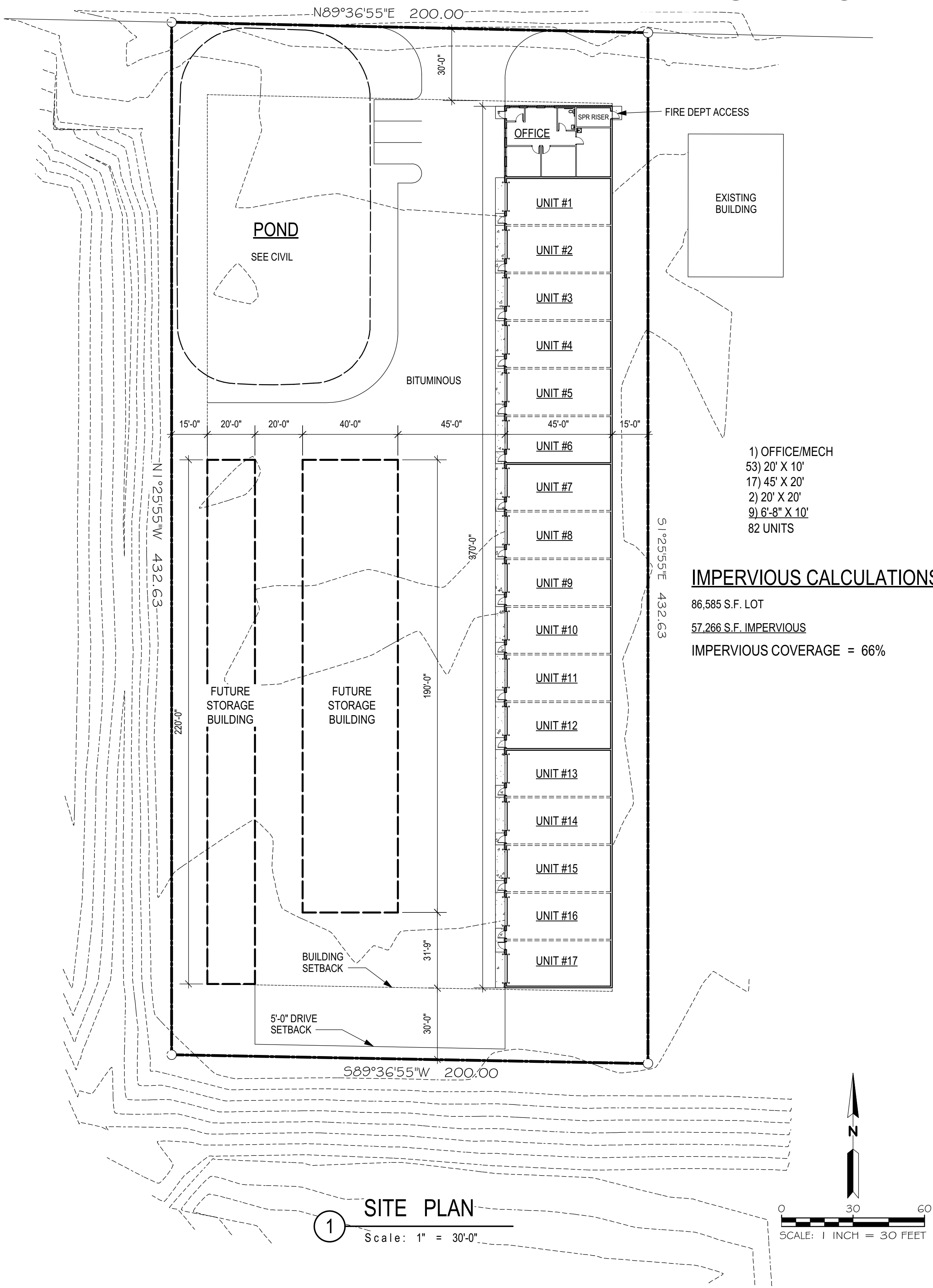
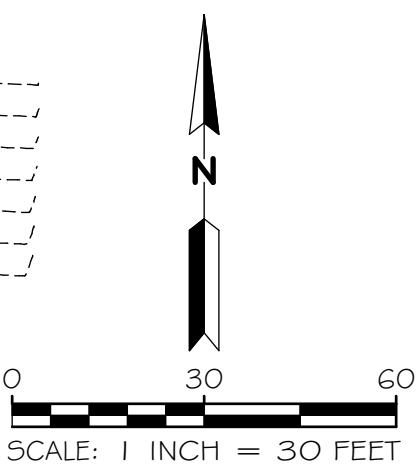


SELF-STORAGE FACILITY
2800 4TH AVENUE EAST
SHAKOPEE, MINNESOTA

4TH AVENUE EAST



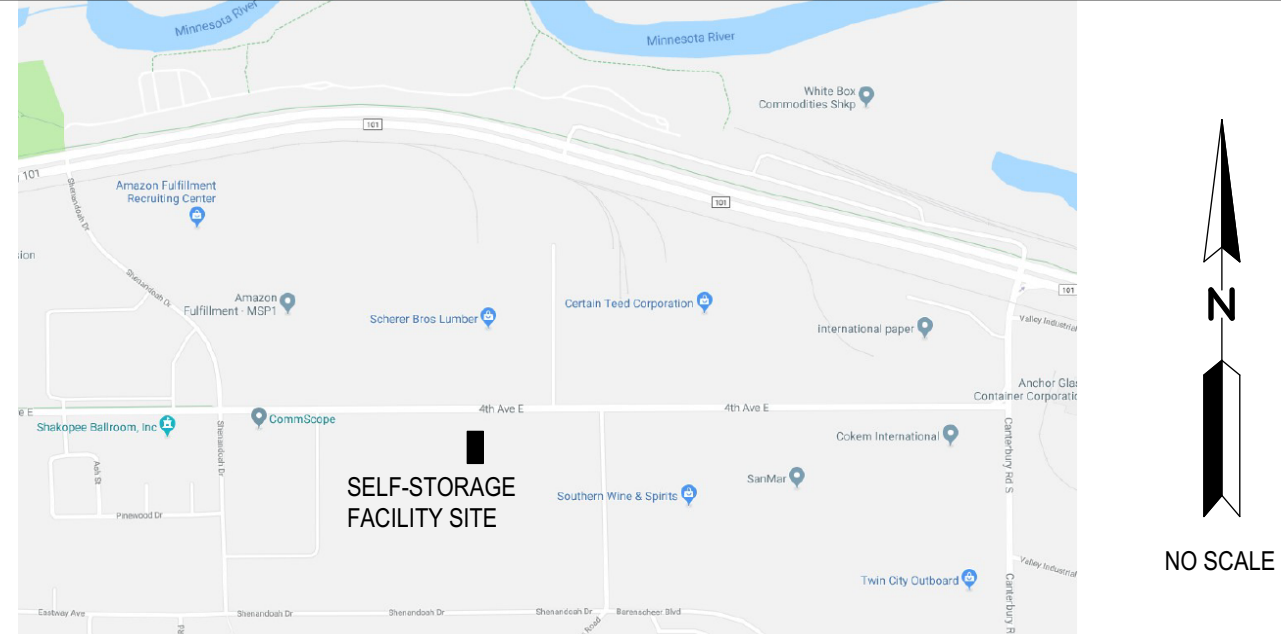
1 SITE PLAN
Scale: 1" = 30'-0"



- 1) OFFICE/MECH
53) 20' X 10'
17) 45' X 20'
2) 20' X 20'
9) 6'-8" X 10'
82 UNITS

IMPERVIOUS CALCULATIONS
86,585 S.F. LOT
57,266 S.F. IMPERVIOUS
IMPERVIOUS COVERAGE = 66%

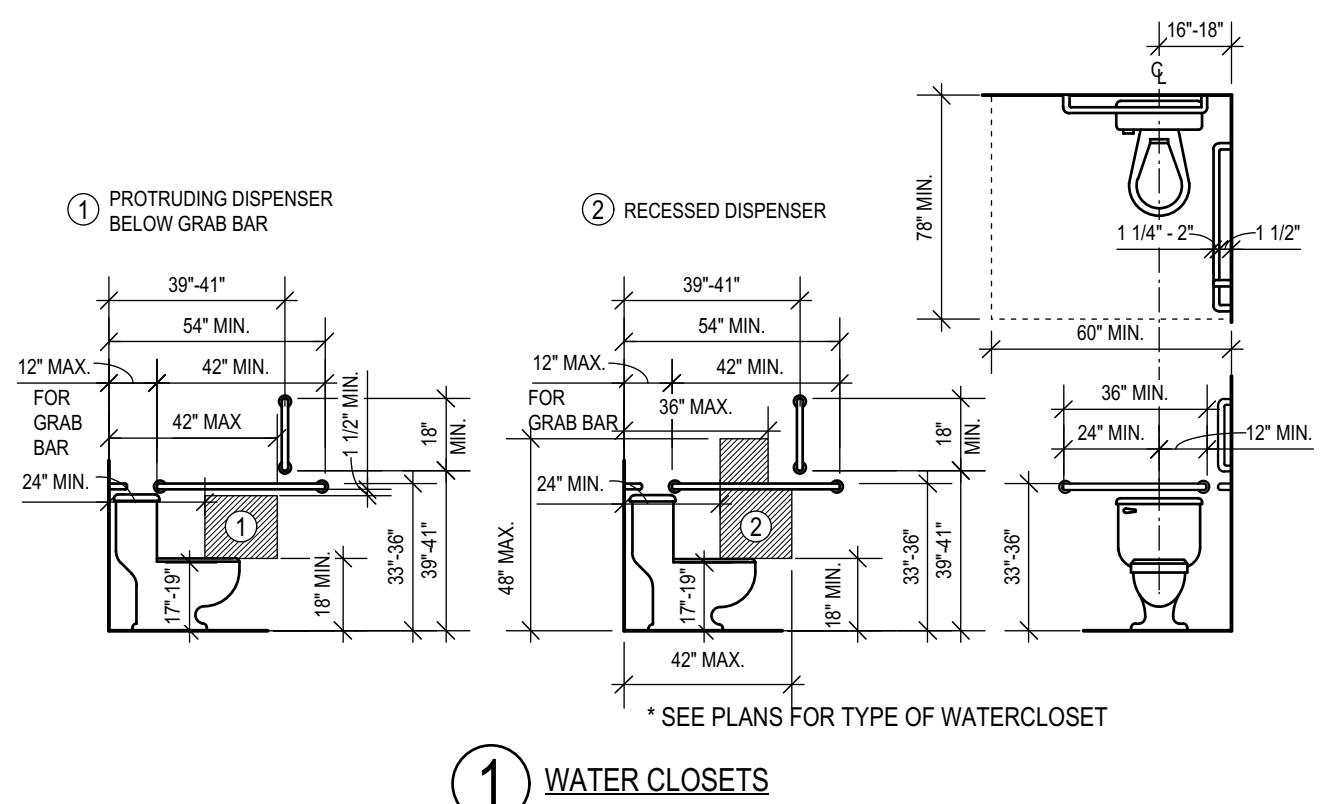
VICINITY MAP



PROJECT DIRECTORY

OWNER	ARCHITECTURAL	STRUCTURAL
MARK HOUSER CHOICE ELECTRIC	LOREN MORSCHEN, AIA	ARLEN 'ARNE' GRANT, PE
SHAKOPEE 2914 LLC	LINNNER MORSCHEN ARCHITECTS	ENGINEERED SUPPLY, LLC
13886 Stonebrooke Curve Shakopee, MN 55379	10100 Morgan Ave South Bloomington, MN 55431 PHONE # 952-884-6455 FAX # 952-884-0860 EMAIL ADDRESS: lmorschen@linnerarchitects.com	201 2nd Ave S Bayport, MN 55003 PHONE # 651-439-0932 www.engineeredsupply.com EMAIL ADDRESS: agrant@engineeredsupply.com
PH OFFICE # 952-445-2625 PH CELL # 612-363-8326 EMAIL ADDRESS: mhouser@choiceelec.com		

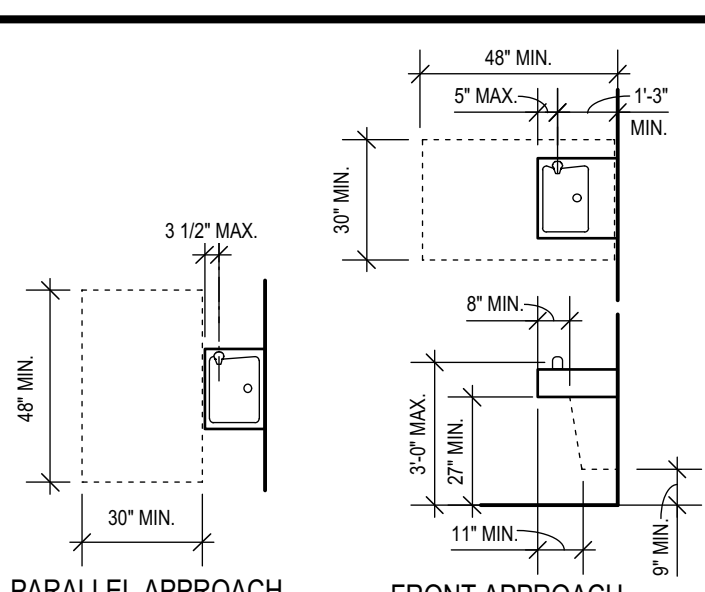
ACCESSIBILITY STANDARDS



1 WATER CLOSETS

2 URINALS

3 LAVATORIES



* SEE PLAN FOR TYPE OF APPROACH. SPOUT OUTLETS OF WHEELCHAIR ACCESSIBLE DRINKING FOUNTAINS SHALL BE 36" MAX. ABOVE FLOOR. SPOUT OUTLETS OF DRINKING FOUNTAINS FOR STANDING PERSONS SHALL BE 38" MIN. AND 43" MAX. ABOVE THE FLOOR.

4 ELECTRIC WATER COOLERS

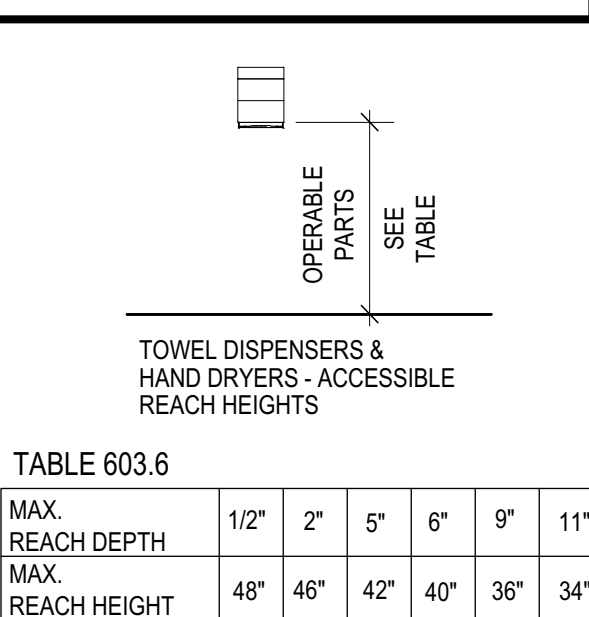
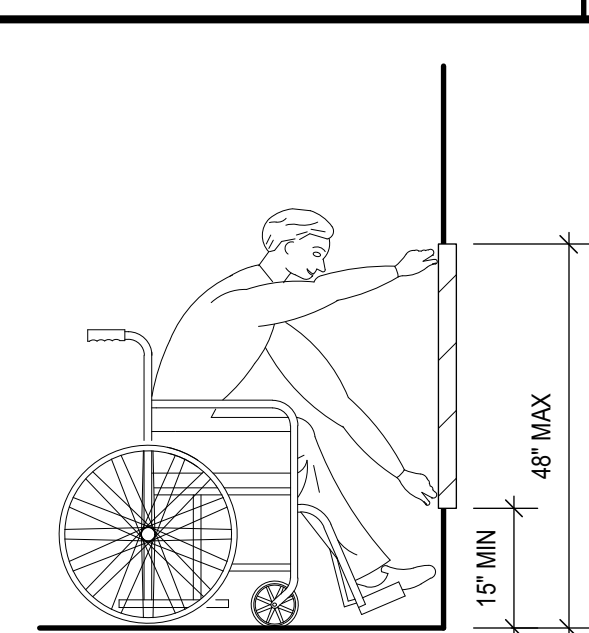


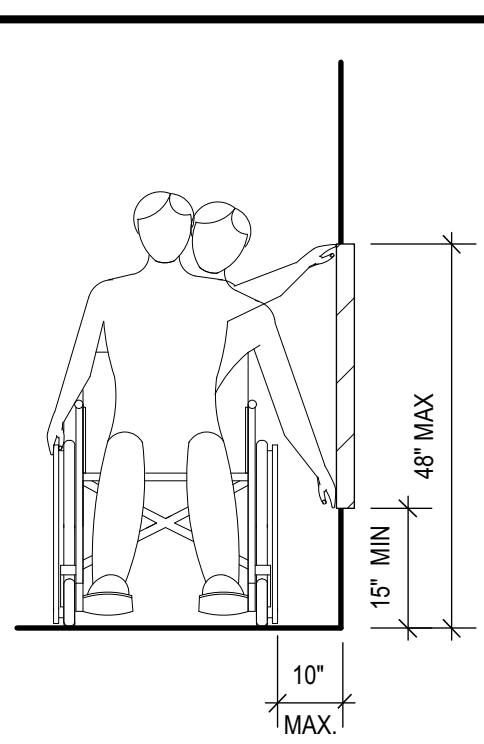
TABLE 603.6
MAX. REACH DEPTH
MAX. REACH HEIGHT

1/2"	2"	5"	6"	9"	11"
48"	46"	42"	40"	36"	34"

5 TOWEL DISPENSERS & HAND DRYERS



6 UNOBSTRUCTED FRONT REACH



7 UNOBSTRUCTED SIDE REACH

CODE REVIEW

BASED ON 2015 MSBC (IBC 2012)

OCCUPANCY TYPE:	S1 -- MODERATE HAZARD STORAGE B -- OFFICE
CONSTRUCTION TYPE:	VB
SPRINKLED:	YES
BUILDING AREA:	16,650 S.F.
ALLOWABLE AREAS:	S1 - 9,000 SF B - 9,000 SF SPRINKLER INCREASE: 9,000 SF (X3) = 27,000 SF ALLOWABLE AREA WITH SPRINKLERS: 9,000 SF + 27,000 SF = 36,000 SF
OCCUPANCY SEPARATIONS:	TREAT AS NON-SEPARATED OCCUPANCIES PER 508.3.2
OCCUPANT LOAD:	OFFICE: 780 SF @ 100 SF/OCC. = 7.8 = 8 OCCS. MECHANICAL: 416 SF @ 300 SF/OCC. = 1.4 = 2 OCCS. STORAGE: 14,803 SF @ 300 SF/OCC. = 49.3 = 50 OCCS. TOTAL OCCUPANT LOAD: 60 OCCS.
EXITING:	MAXIMUM EXIT ACCESS TRAVEL DISTANCE ALLOWED: B = 300'; S = 250' PER 1016.2 COMMON PATH OF EGRESS TRAVEL = 100' PER 1014.3 ONE EXIT ALLOWABLE IN OFFICE AREA & INDIVIDUAL STORAGE AREAS PER TABLE 1015.1
PLUMBING FIXTURE REQUIREMENTS:	OFFICE WC: 1 : 25 FOR FIRST 50 OCCS. MALE & FEMALE 8 OCCS. / 2 = 4 MALE & 4 FEMALE OCCS. 4 / 25 = .16 WC REQUIRED MALE & FEMALE OFFICE LAV: 1 : 40 FOR FIRST 80 OCCS. MALE & FEMALE 8 OCCS. / 2 = 4 MALE & 4 FEMALE OCCS. 4 / 40 = .1 LAV REQUIRED MALE & FEMALE MECHANICAL WC: 1 : 100 MALE & FEMALE 2 / 2 = 1 MALE & 1 FEMALE OCC. 1 / 100 = .01 WC REQUIRED MALE & FEMALE MECHANICAL LAV: 1 : 100 MALE & FEMALE 2 / 2 = 1 MALE & 1 FEMALE OCC. 1 / 100 = .01 WC REQUIRED MALE & FEMALE WC REQUIRED: .16 + .01 = .17 = 1 WC REQUIRED MALE & FEMALE WC PROVIDED: 1 WC + 1 URINAL PROVIDED LAV REQUIRED: .1 + .01 = .11 = 1 LAV REQUIRED MALE & FEMALE LAV PROVIDED: 1 LAV PROVIDED 2902.1 EXCEPTION: ALLOWS FOR USUALLY UNOCCUPIED STRUCTURES TO BE EXEMPT FROM RESTROOM FACILITIES WITH BUILDING OFFICIAL APPROVAL. (1) SERVICE SINK PROVIDED DRINKING FOUNTAIN NOT REQUIRED PER TABLE 2902.1 Item f

SHEET INDEX

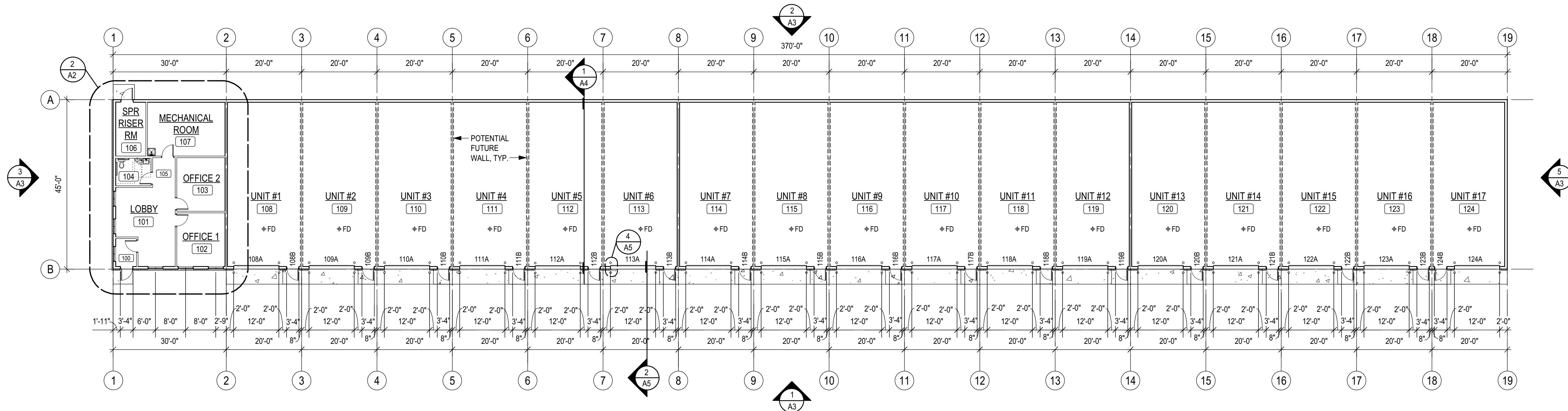
ARCHITECTURAL	STRUCTURAL
A1 SITE PLAN, ADA STANDARDS, CODE REVIEW	S0.0 STRUCTURAL NOTES
A2 FLOOR PLANS, INTERIOR ELEVATIONS	S1.0 FOUNDATION PLANS
A3 EXTERIOR ELEVATIONS	S2.0 ROOF FRAMING PLAN
A4 BUILDING SECTION	S3.0 SECTIONS & DETAILS
A5 WALL SECTIONS & DETAILS	
A6 WROOM FINISH & DOOR SCHEDULES	

Linner-Morschen
Architects
10100 Morgan Avenue S.
Bloomington, MN 55431
PHONE: (952) 884-6455

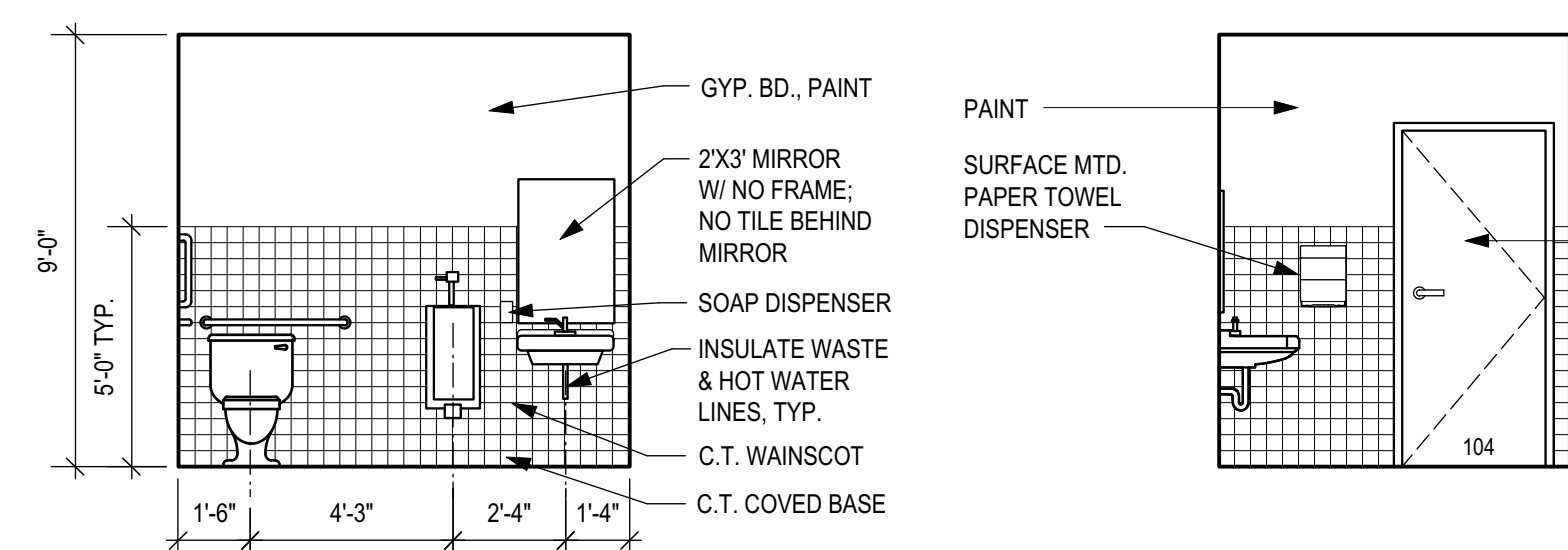
PRICING SET
NOT FOR CONSTRUCTION
5-29-18

A NEW SELF-STORAGE FACILITY for:
SHAKOPEE 2914 LLC
2800 4th AVENUE EAST
SHAKOPEE, MINNESOTA

Revisions
Drawn
C.A.W.
Checked
L.M.
Date
5-29-18
Job Number
1744
Sheet
A1

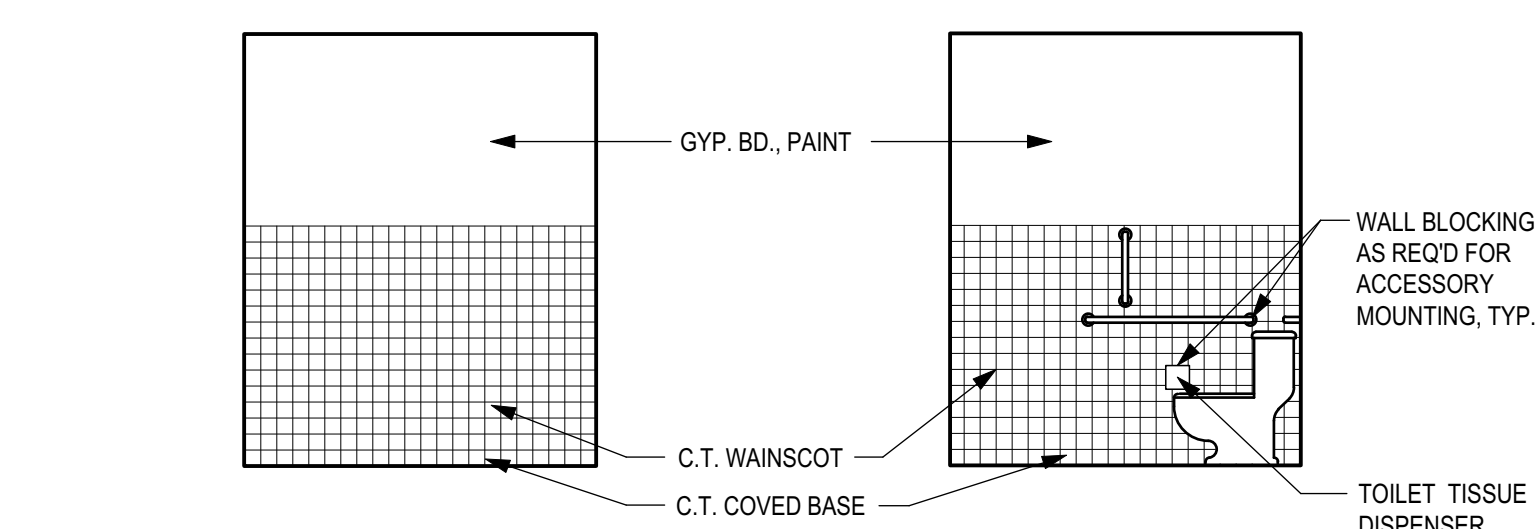


1 FLOOR PLAN
Scale: 1/16" = 1'-0"



4 EAST ELEVATION
UNISEX RESTROOM #104
Scale: 1/4" = 1'-0"

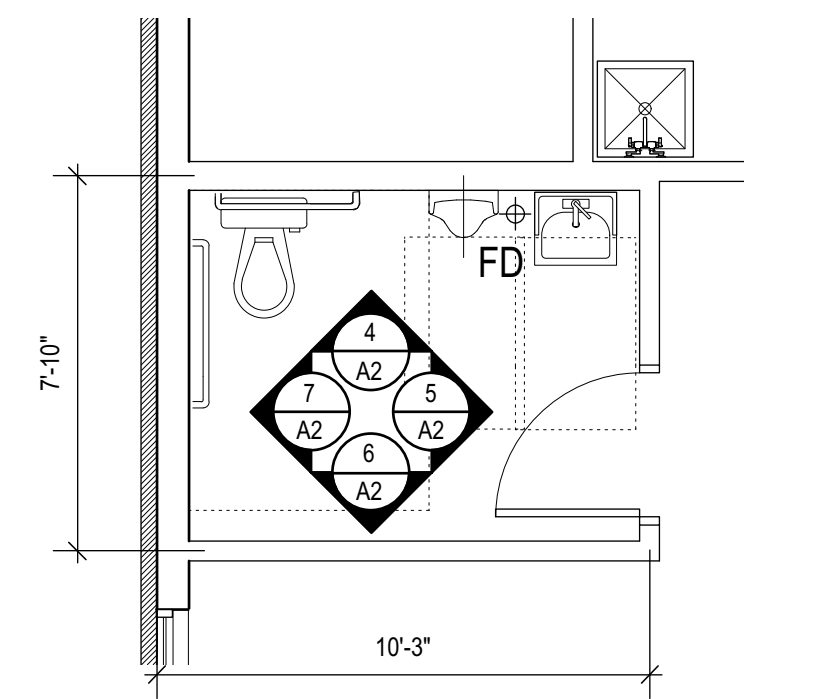
5 SOUTH ELEVATION
UNISEX RESTROOM #104
Scale: 1/4" = 1'-0"



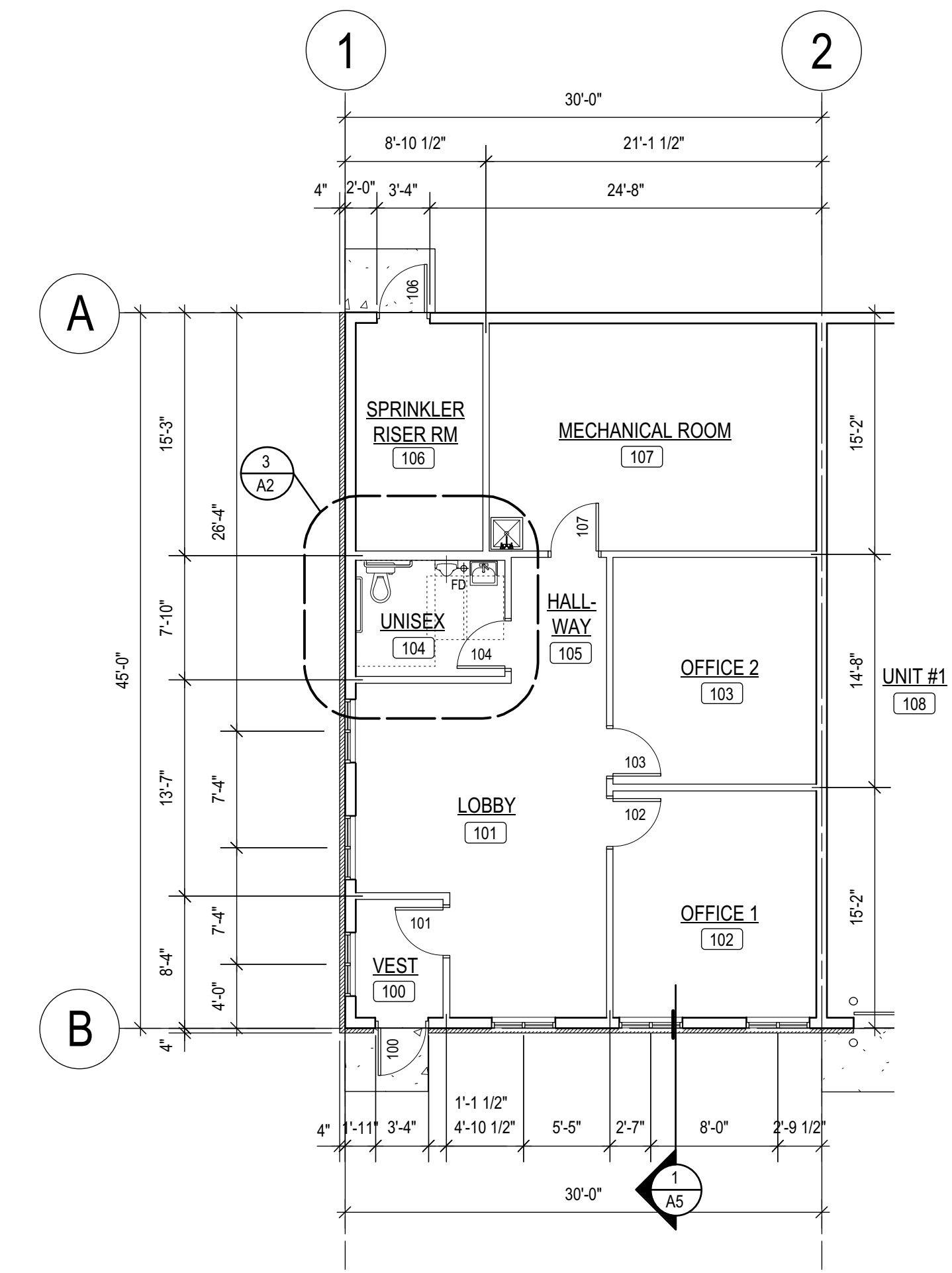
6 WEST ELEVATION
UNISEX RESTROOM #104
Scale: 1/4" = 1'-0"

7 NORTH ELEVATION
UNISEX RESTROOM #104
Scale: 1/4" = 1'-0"

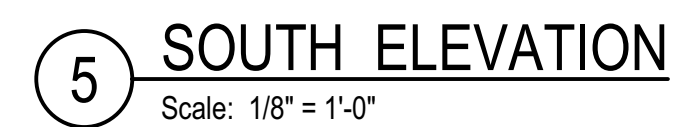
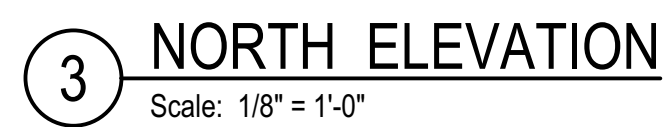
- NOTES:
- SEE ACCESSIBILITY STANDARDS SHEET A1 FOR MOUNTING CLEARANCES, TYPICAL.
 - PROVIDE ADA COMPLIANT ACRYLIC DOOR SIGNS AT RESTROOM #104 & MECHANICAL ROOM #107.
 - PROVIDE (1) SURFACE MOUNTED PAPER TOWEL DISPENSER, (1) SINGLE ROLL TOILET PAPER DISPENSER, (1) WALL MOUNTED SOAP DISPENSER & (1) 24" X 36" MIRROR WITHOUT A FRAME.

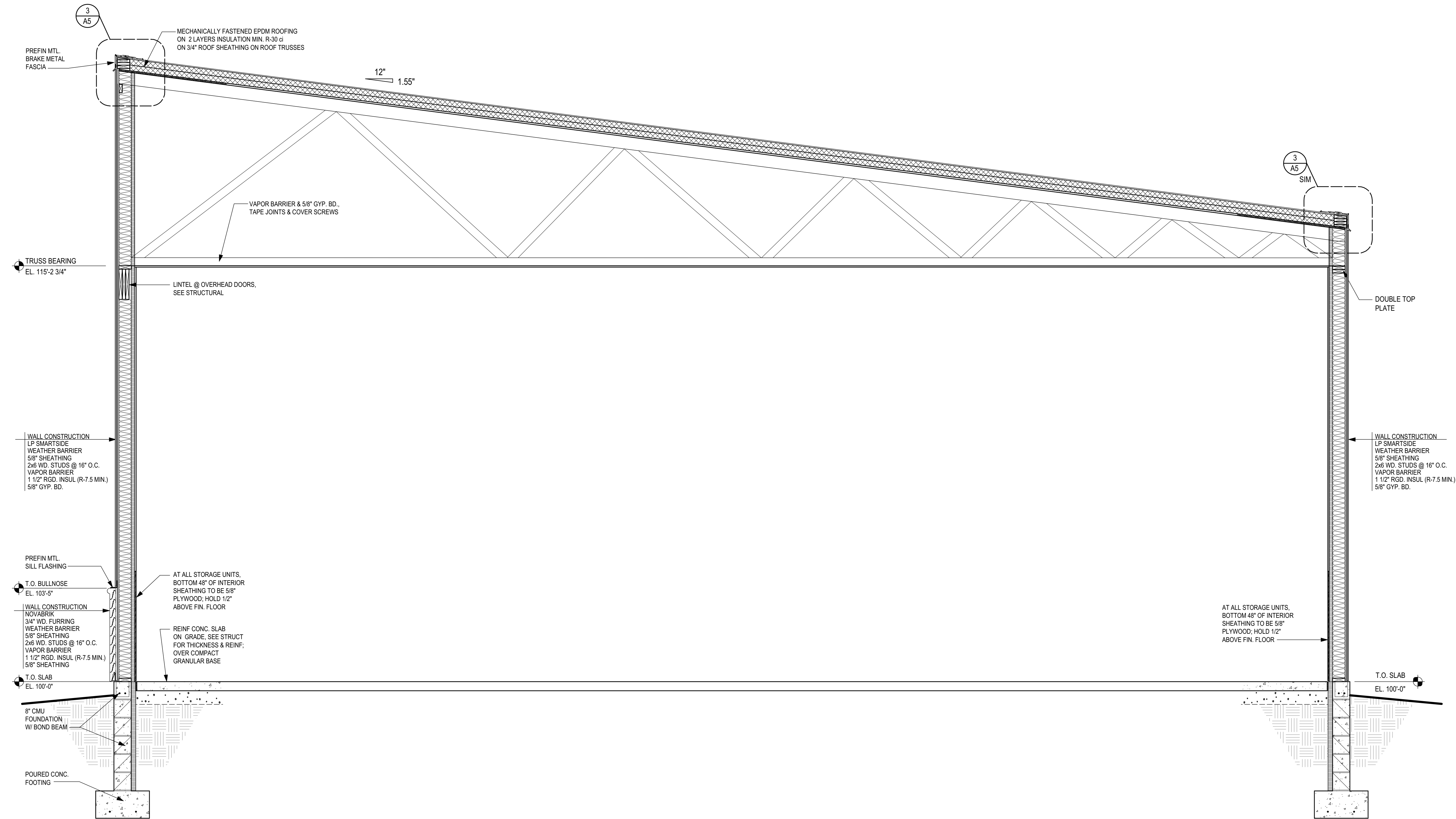


3 UNISEX RESTROOM
FLOOR PLAN
Scale: 1/4" = 1'-0"

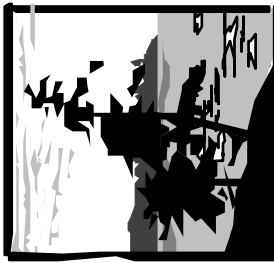


2 OFFICE FLOOR PLAN
Scale: 1/8" = 1'-0"





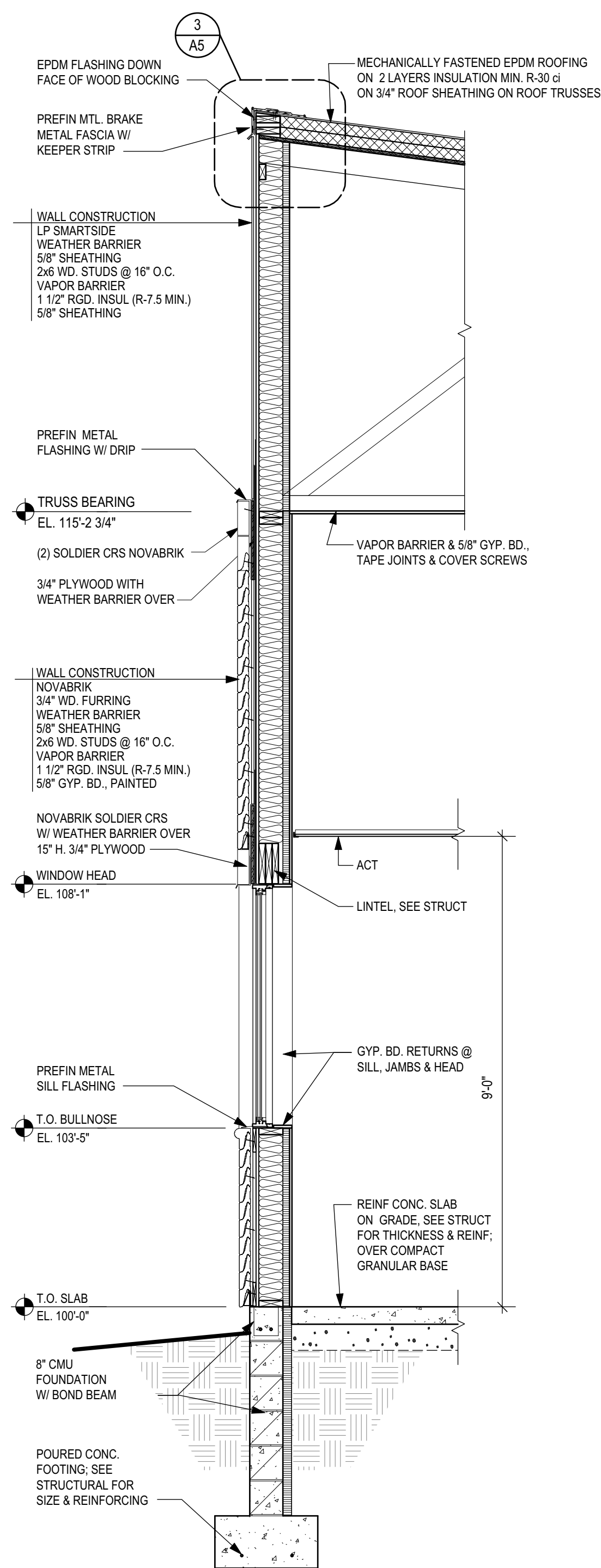
1 BUILDING SECTION
SCALE: 1/2"=1'-0"



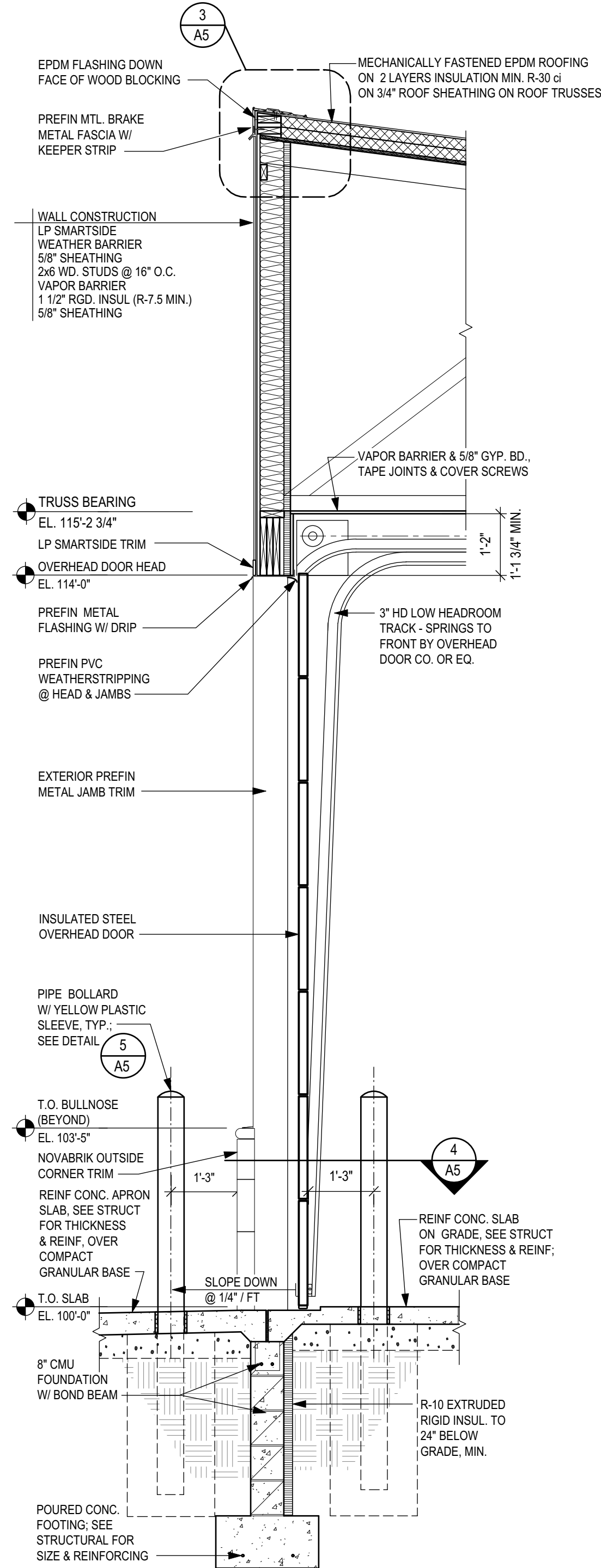
PRICING SET
NOT FOR CONSTRUCTION
5-29-18

A NEW SELF-STORAGE FACILITY for:
SHAKOPEE 2914 LLC
2800 4th AVENUE EAST
SHAKOPEE, MINNESOTA

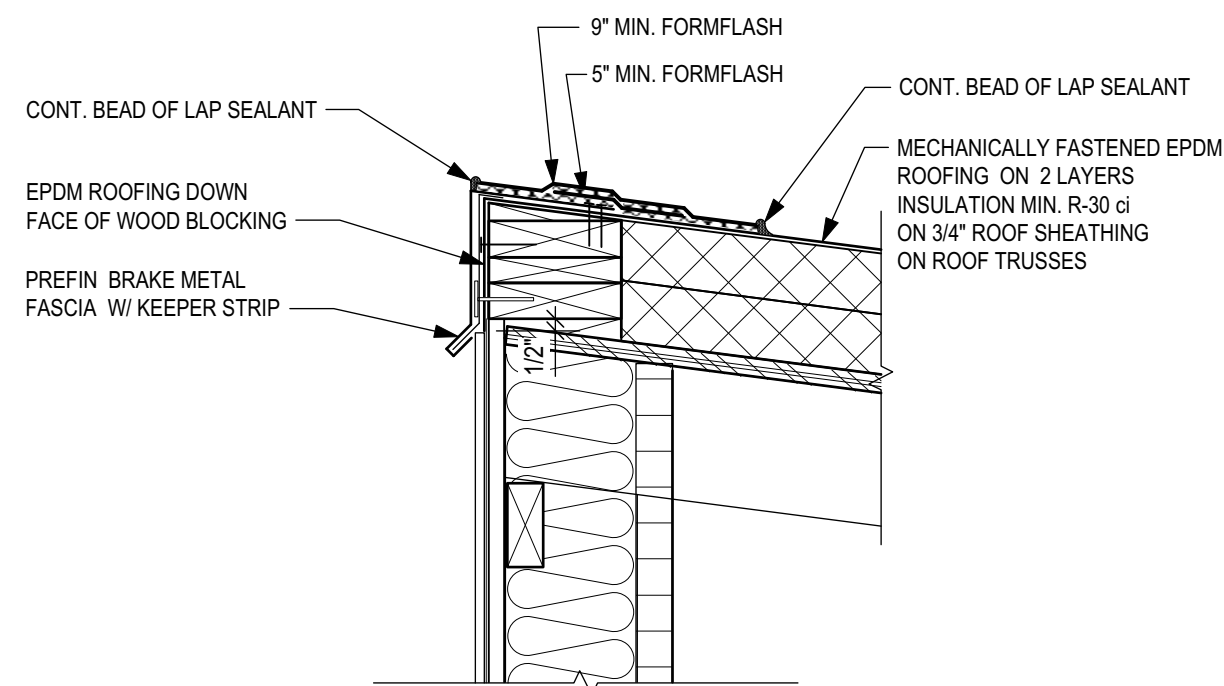
Revisions	
Drawn	C.A.W.
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Sheet	



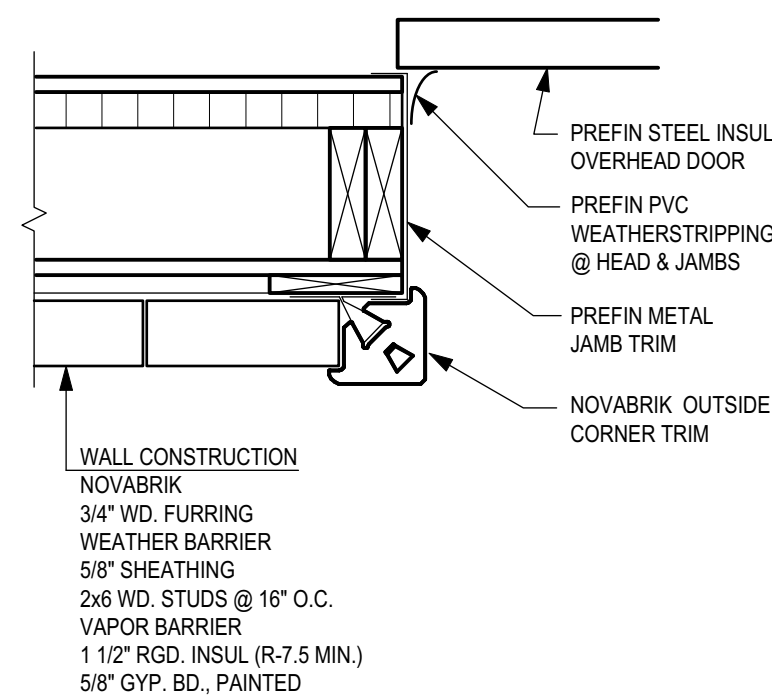
1 WALL SECTION @ OFFICE
SCALE: 1/2"=1'-0"



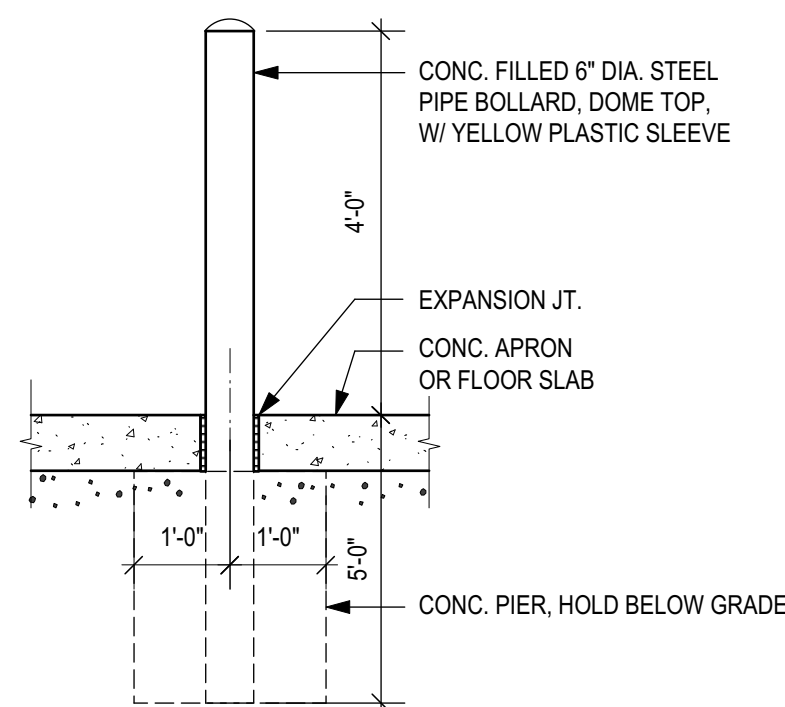
2 WALL SECTION @ OVERHEAD DOOR
SCALE: 1/2"=1'-0"



3 ROOF EDGE DETAIL
SCALE: 1 1/2"=1'-0"



4 OVERHEAD DOOR JAMB
SCALE: 1 1/2"=1'-0"



5 PIPE BOLLARD
SCALE: 1/2"=1'-0"

ROOM FINISH SCHEDULE			ACT CMU CNC CPT CT EPT EPX	ACOUSTICAL CEILING TILE CONCRETE MASONRY UNIT CONCRETE CARPET CERAMIC TILE EPOXY PAINT EPOXY FLOOR FINISH				EX EXP FRP GB LP MWP PT	EXISTING EXPOSED STRUCTURE FIBERGLASS REINFORCED PANEL GYPSUM BOARD LINER PANEL METAL WALL PANEL, PREFIN PAINTED				PW SLD VB VBF VCT WVR WD	PLYWOOD SEALED VINYL BASE VAPOR BARRIER FABRIC VINYL COMPOSITION TILE WASHABLE VINYL ROCK CEILING TILE WOOD			
ROOM#	ROOM NAME	FLR	FIN	BASE	NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		HGT.	REMARKS	
					MATL.	FIN	MATL.	FIN	MATL.	FIN	MATL.	FIN	MATL.	FIN			
100	VESTIBULE	CNC	VCT	VB	GB	PT	GB	PT	GB	PT	GB	PT	ACT	--	9'-0"	1.; ADD HOLD-DOWN CLIPS	
101	LOBBY	CNC	VCT	VB	GB	PT	GB	PT	GB	PT	GB	PT	ACT	--	9'-0"	1.	
102	OFFICE 1	CNC	VCT	VB	GB	PT	GB	PT	GB	PT	GB	PT	ACT	--	9'-0"	1.	
103	OFFICE 2	CNC	VCT	VB	GB	PT	GB	PT	GB	PT	GB	PT	ACT	--	9'-0"	1.	
104	UNISEX RESTROOM	CNC	CT	CT	GB	CT	PT	--	GB	CT	PT	--	GB	CT	PT	1.	
105	HALLWAY	CNC	VCT	VB	GB	PT	GB	PT	GB	PT	GB	PT	ACT	--	9'-0"	1.	
106	SPRINKLER RISER RM	CNC	SLD	VB	GB	PT	GB	PT	GB	PT	GB	PT	GB	PT	15'-2"		
107	MECHANICAL ROOM	CNC	SLD	VB	GB	PT	GB	PT	GB	PT	GB	PT	GB	PT	15'-2"	2.	
108	UNIT #1	CNC	SLD	--	GB	PW	PT	--	GB	PW	PT	--	GB	PW	PT	3.	
109	UNIT #2	CNC	SLD	--	--	--	GB	PW	PT	--	--	GB	PW	PT	15'-2"	3.	
110	UNIT #3	CNC	SLD	--	--	--	GB	PW	PT	--	--	GB	PW	PT	15'-2"	3.	
111	UNIT #4	CNC	SLD	--	--	--	GB	PW	PT	--	--	GB	PW	PT	15'-2"	3.	
112	UNIT #5	CNC	SLD	--	--	--	GB	PW	PT	--	--	GB	PW	PT	15'-2"	3.	
113	UNIT #6	CNC	SLD	--	--	--	GB	PW	PT	--	GB	PW	PT	--	GB	15'-2"	
114	UNIT #7	CNC	SLD	--	GB	PW	PT	--	GB	PW	PT	--	GB	PW	PT	3.	
115	UNIT #8	CNC	SLD	--	--	--	GB	PW	PT	--	--	GB	PW	PT	15'-2"	3.	
116	UNIT #9	CNC	SLD	--	--	--	GB	PW	PT	--	--	GB	PW	PT	15'-2"	3.	
117	UNIT #10	CNC	SLD	--	--	--	GB	PW	PT	--	--	GB	PW	PT	15'-2"	3.	
118	UNIT #11	CNC	SLD	--	--	--	GB	PW	PT	--	--	GB	PW	PT	15'-2"	3.	
119	UNIT #12	CNC	SLD	--	--	--	GB	PW	PT	--	GB	PW	PT	--	GB	15'-2"	
120	UNIT #13	CNC	SLD	--	GB	PW	PT	--	GB	PW	PT	--	GB	PW	PT	3.	
121	UNIT #14	CNC	SLD	--	--	--	GB	PW	PT	--	--	GB	PW	PT	15'-2"	3.	
122	UNIT #15	CNC	SLD	--	--	--	GB	PW	PT	--	--	GB	PW	PT	15'-2"	3.	
123	UNIT #16	CNC	SLD	--	--	--	GB	PW	PT	--	--	GB	PW	PT	15'-2"	3.	
124	UNIT #17	CNC	SLD	--	--	--	GB	PW	PT	--	GB	PW	PT	--	GB	15'-2"	

REMARKS:
1. ACOUSTICAL CEILING TILE (ACT) TO BE 2'X2' USG RADAR WITH REVEAL EDGE & NRC RATING OF .55.
2. 4'-0" W X 4'-0" H, FIBERGLASS REINFORCED PANEL (FRP) 2 WALLS. AT MOP SINK SEE FLOOR PLAN 3/A2.
3. 4'-0" PLYWOOD (MATCH THICKNESS OF GYP. BD. ABOVE) FROM FLOOR TO +4'-0" AFF, ALL WALLS OF STORAGE UNITS.

DOOR AND FRAME SCHEDULE												
DOOR#	DOORS						FRAMES		HDW GROUP	LABEL	NOTES	
	PR	SIZE		CONSTRUCTION			MATL.	TYPE				
		WIDTH	HEIGHT	MATL.	TYPE	GLASS						
100		3' 0"	7' 0"	ALUM	A	YES	ALUM	1	1			
101		3' 0"	7' 0"	ALUM	A	YES	ALUM	2	2			
102		3' 0"	7' 0"	WD	B	YES	HM	3	3			
103		3' 0"	7' 0"	WD	B	YES	HM	3	3			
104		3' 0"	7' 0"	WD	B	NO	HM	3	4			
106		3' 0"	7' 0"	HM	C	NO	HM	3	5			
107		3' 0"	7' 0"	WD	B	NO	HM	3	3			
108A		12' 0"	14' 0"	STL	D	NO	--	--	6			
108B		3' 0"	7' 0"	HM	C	NO	HM	3	5			
109A		12' 0"	14' 0"	STL	D	NO	--	--	6			
109B		3' 0"	7' 0"	HM	C	NO	HM	3	5			
110A		12' 0"	14' 0"	STL	D	NO	--	--	6			
110B		3' 0"	7' 0"	HM	C	NO	HM	3	5			
111A		12' 0"	14' 0"	STL	D	NO	--	--	6			
111B		3' 0"	7' 0"	HM	C	NO	HM	3	5			
112A		12' 0"	14' 0"	STL	D	NO	--	--	6			
112B		3' 0"	7' 0"	HM	C	NO	HM	3	5			
113A		12' 0"	14' 0"	STL	D	NO	--	--	6			
113B		3' 0"	7' 0"	HM	C	NO	HM	3	5			
114A		12' 0"	14' 0"	STL	D	NO	--	--	6			
114B		3' 0"	7' 0"	HM	C	NO	HM	3	5			
115A		12' 0"	14' 0"	STL	D	NO	--	--	6			
115B		3' 0"	7' 0"	HM	C	NO	HM	3	5			
116A		12' 0"	14' 0"	STL	D	NO	--	--	6			
116B		3' 0"	7' 0"	HM	C	NO	HM	3	5			
117A		12' 0"	14' 0"	STL	D	NO	--	--	6			
117B		3' 0"	7' 0"	HM	C	NO	HM	3	5			
118A		12' 0"	14' 0"	STL	D	NO	--	--	6			
118B		3' 0"	7' 0"	HM	C	NO	HM	3	5			
119A		12' 0"	14' 0"	STL	D	NO	--	--	6			
119B		3' 0"	7' 0"	HM	C	NO	HM	3	5			
120A		12' 0"	14' 0"	STL	D	NO	--	--	6			
120B		3' 0"	7' 0"	HM	C	NO	HM	3	5			
121A		12' 0"	14' 0"	STL	D	NO	--	--	6			
121B		3' 0"	7' 0"	HM	C	NO	HM	3	5			
122A		12' 0"	14' 0"	STL	D	NO	--	--	6			
122B		3' 0"	7' 0"	HM	C	NO	HM	3	5			
123A		12' 0"	14' 0"	STL	D	NO	--	--	6			
123B		3' 0"	7' 0"	HM	C	NO	HM	3	5			
124A		12' 0"	14' 0"	STL	D	NO	--	--	6			
124B		3' 0"	7' 0"	HM	C	NO	HM	3	5			

NOTES:

