

ENERGY LAB

Hawai'i
Preparatory
Academy

Kamuela, Hawaii
TMK: 6-5-1: 33

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SUSTAINABILITY
Buro Happold Consulting Engineers PC
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STRUCTURAL ENGINEERING
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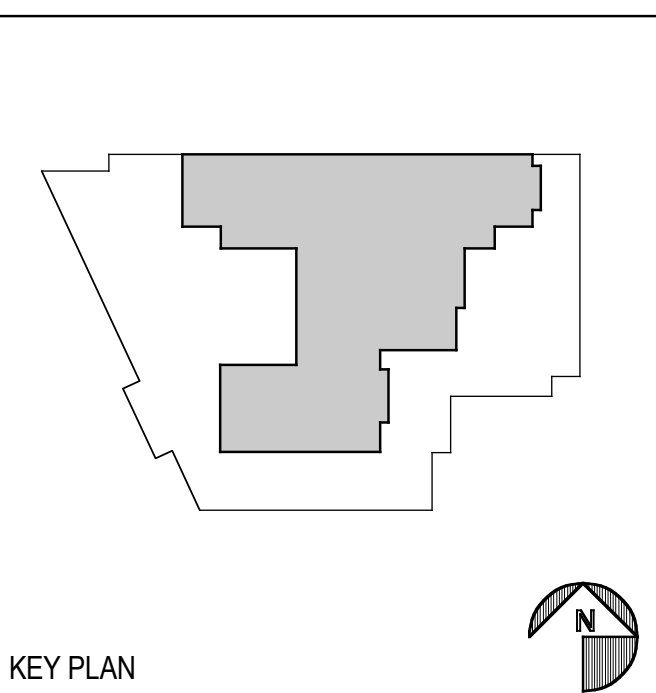
MECHANICAL ENGINEERING
Hakalau Engineering, LLC
PO Box 252
Hakalau, Hawaii 96710
808.961.6206 tel

ELECTRICAL ENGINEERING
Wallace T. Oki, PE, Inc.

This work was performed by me or under my supervision and construction of this project will be under my observation (observation of construction as defined in section 16-115.2 of the rules and regulations of the Board of Professional Engineers, Architects and Surveyors of the State of Hawaii).

Duncan P. McClelland, AIA
Architect License No. 13148, Expires 4/30/2010

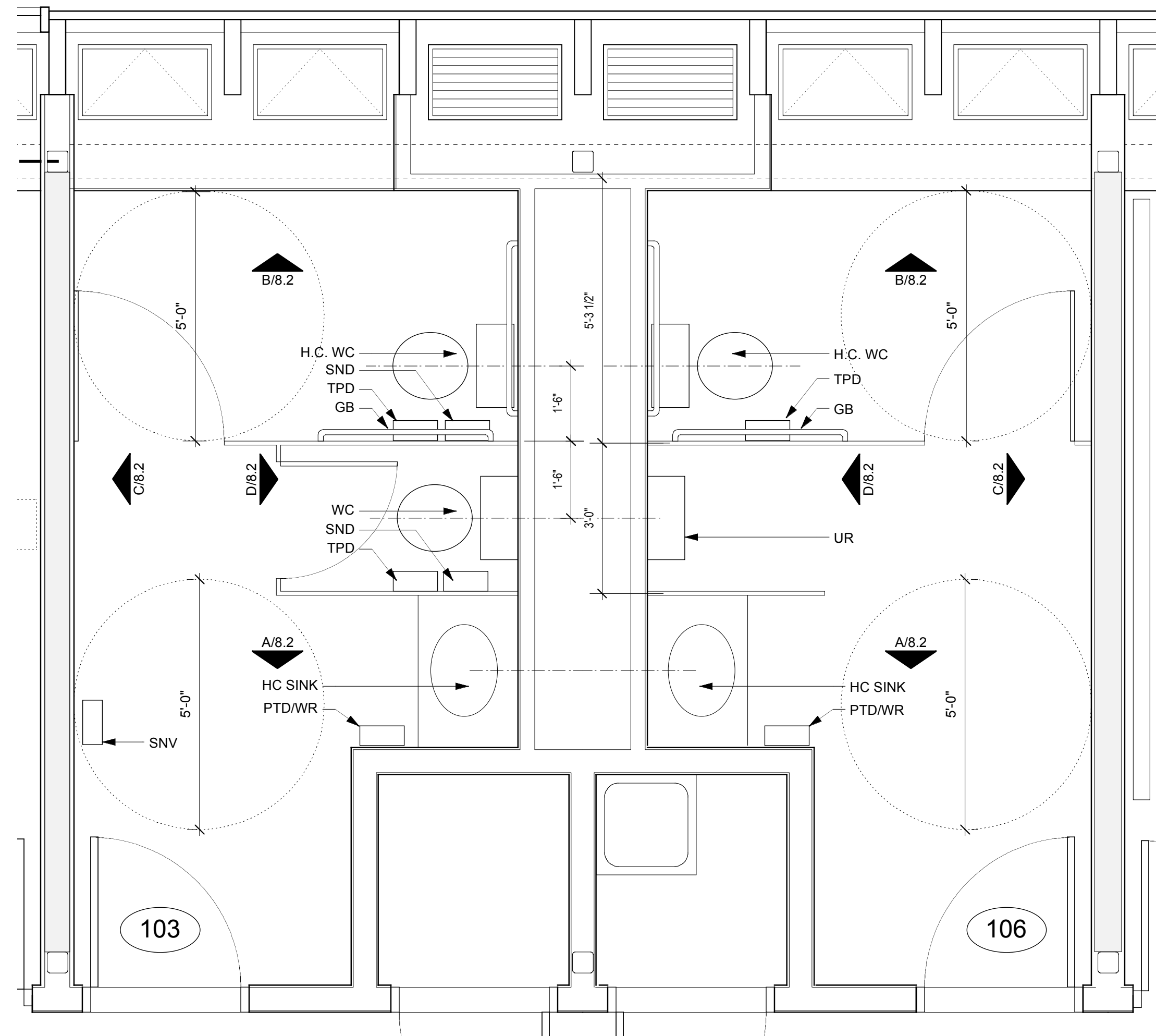
Rev.	Description of Revision	Date



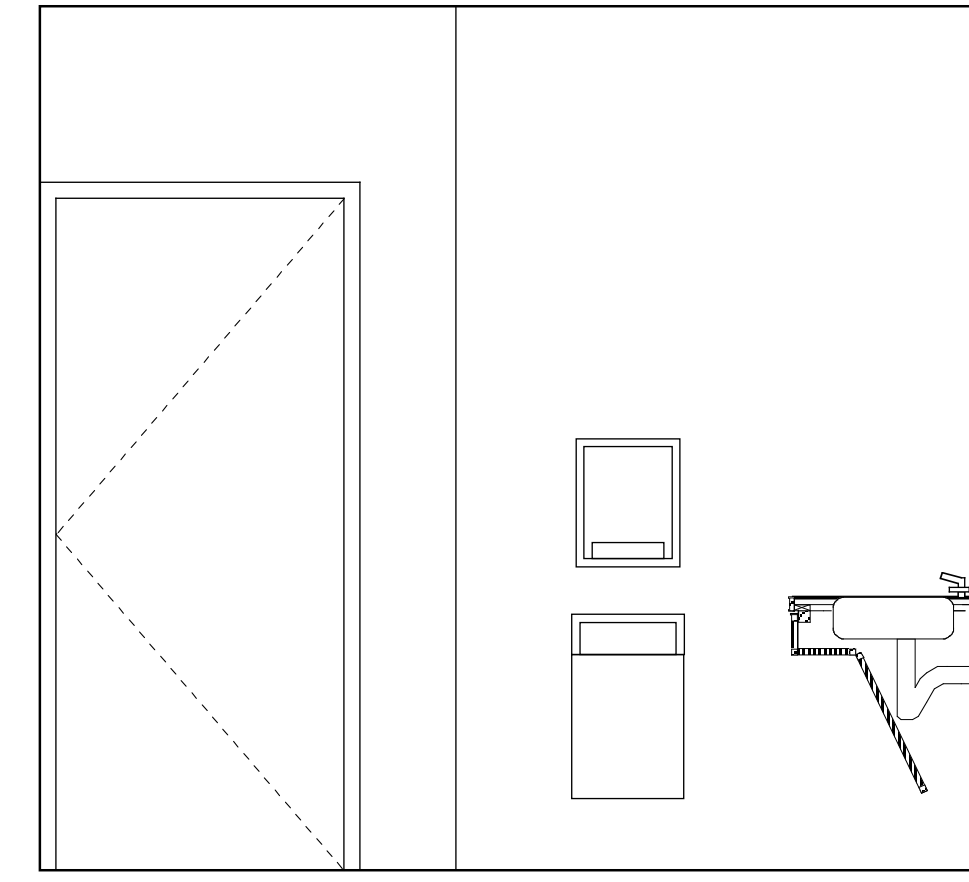
TOILET PLANS

Drawn by: BF Job Number: 2804.00
Checked by: Scale:
Plot Date: 16 JAN 2009 Issue Date: 19 JAN 2009

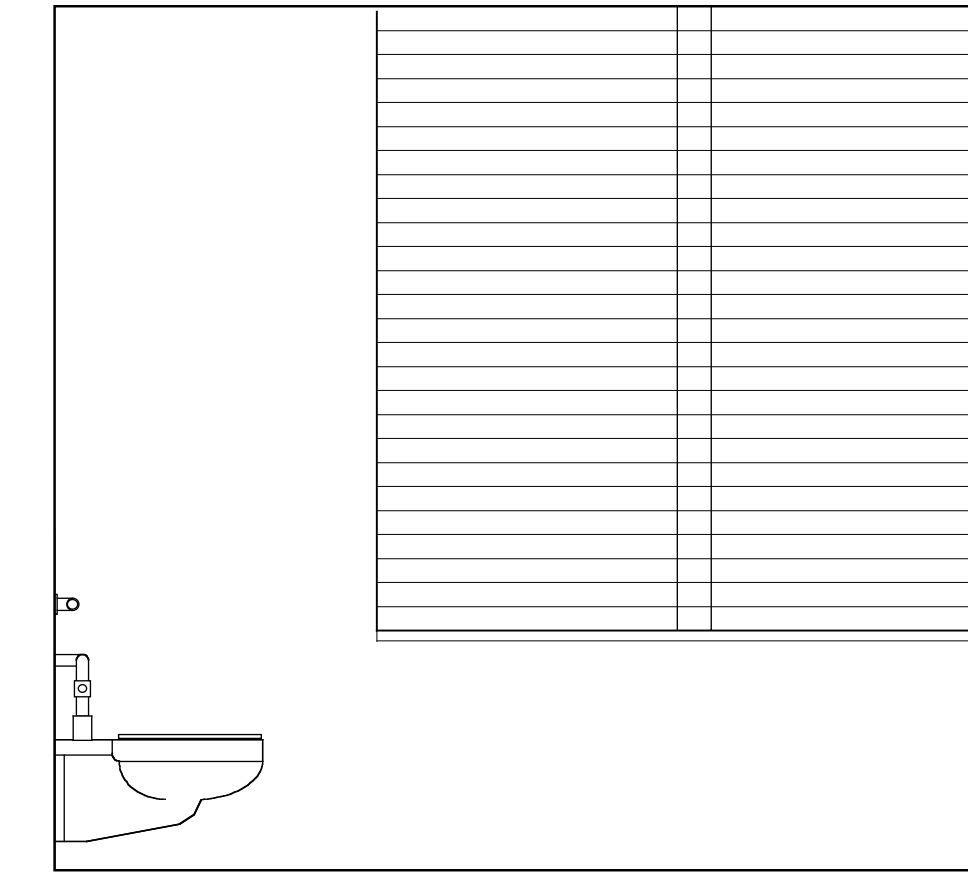
A
8.1



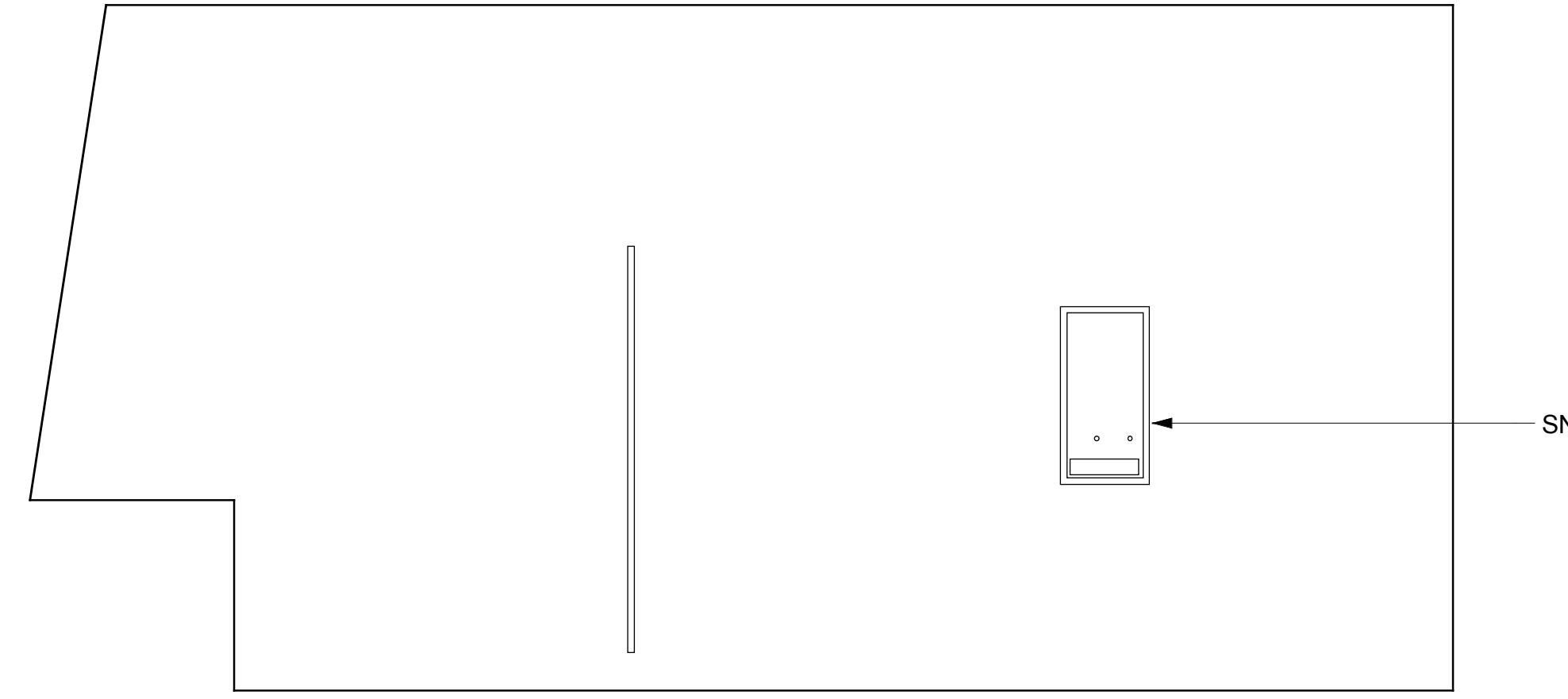
1 TOILET PLANS
1/4"=1'-0"



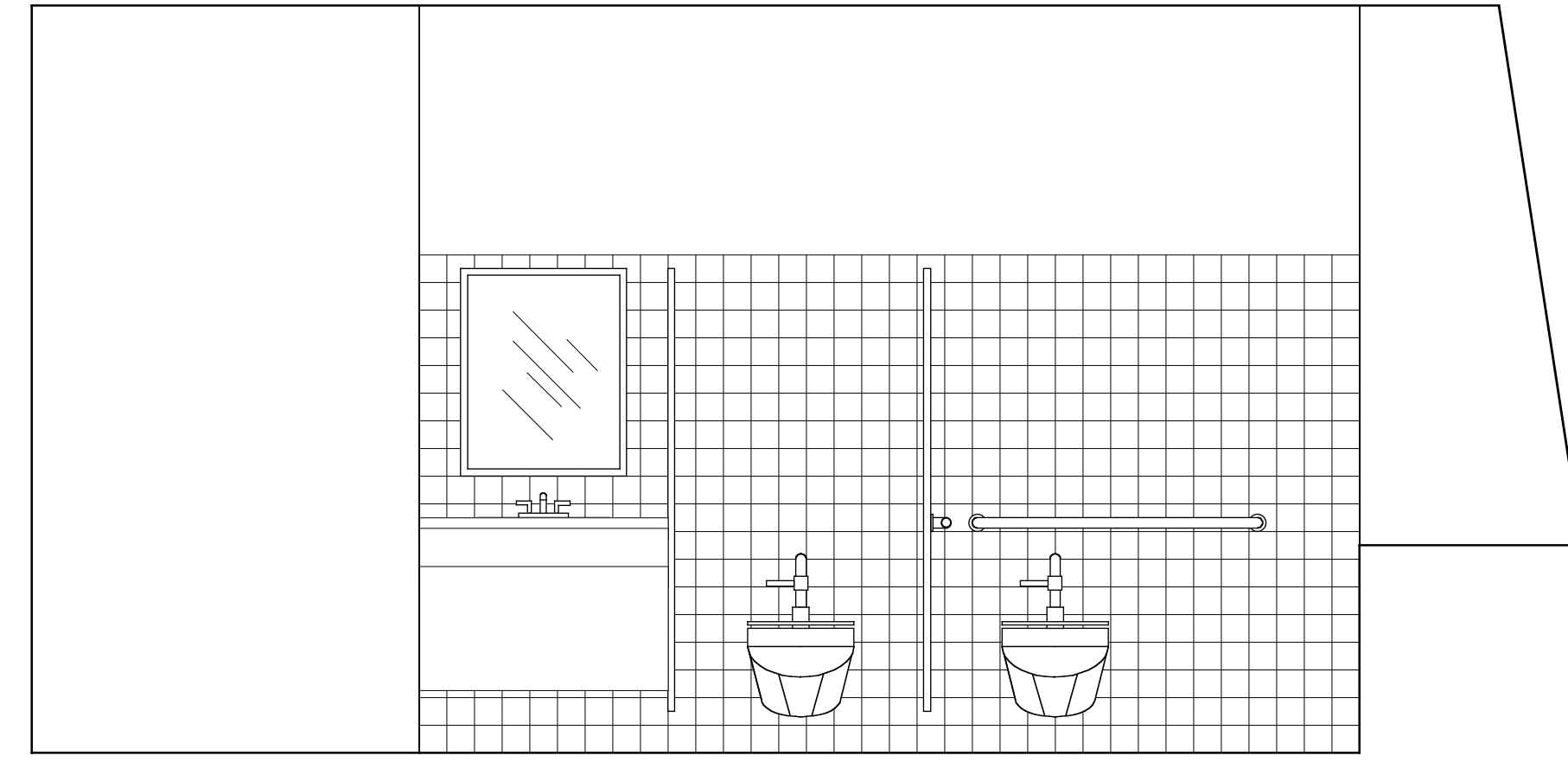
A TOILET ELEVATION
1/4"=1'-0"



B TOILET ELEVATION
1/4"=1'-0"



C TOILET ELEVATION
1/4"=1'-0"



D TOILET ELEVATION
1/4"=1'-0"

Waste Receptacle Recessed	Paper Towel Dispenser Semi-Recessed (Roll Type)	Sanitary Napkin Vendor Recessed at Wall	Sanitary Napkin Disposal	Toilet paper dispenser (one at each stall)	Coat hook (provide one in all stalls)	Privacy screen Metal system	Grab bar (42" long)
6th-Adult @ 2'-3"	Highest point of user access 6th-Adult @ 42" a.f.f. Pre-K - 5th @ 36" a.f.f.	2'-10"	2'-4"	2'-10"	Door interior 4'-6"	4'-10" 5'-10"	Side Grab Bars Adults @ 12" Children @ 6" Back Grab Bars @ 6" K-Adult - 1 1/2" Dia. Pre-K - 1" Dia.
10800.14	10800.12	10800.21	10800.22	10800.11	10800.51	10160.02	10800.41
WC	HC LAV	LAV	UR	MR-HC	HC WC		
Water closet	Handicapped Lavatory	Lavatory	Urinal	Mirror/ SD at access. sink 24w x 30h, 24w x 36h	Handicapp Water closet		
6th-Adult @ 17" a.f.f. 1st-5th @ 15" a.f.f.	Clearance 6th-Adult 29" min. a.f.f. Pre-K-5th 25" min. a.f.f. Height 6th-Adult @ 34" a.f.f. 1st-5th @ 30" a.f.f. Kinder/Pre-K @ 28" a.f.f.	6th-Adult @ 34" a.f.f. 1st-5th @ 30" a.f.f. Kinder/Pre-K @ 28" a.f.f.	6th-Adult @ 24" a.f.f. 1st-5th @ 17" a.f.f. Kinder @ 14" a.f.f.	2'-0" Mirror Height 6th-Adult 30" Pre-K - 5th 30" Bottom of reflecting surface 6th-Adult @ 40" a.f.f. 1st-5th @ 31" a.f.f. Kinder/Pre-K @ 31" a.f.f.	Height 6th-Adult @ 17" a.f.f. 1st-5th @ 15" a.f.f. Location 6th-Adult @ 18" a.f.f. 1st-5th @ 15" a.f.f.		

Plumbing Fixtures and Toilet Accessories Typical Mounting Heights and Locations