

# DVC STUDENT UNION RESTROOMS

## GENDER INCLUSIVE RESTROOM RENOVATION

### DIABLO VALLEY COLLEGE - CONTRA COSTA CCD DSA BACKCHECK - 8 MAR 2024

#### PROJECT TEAM

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#### DEFERRED APPROVAL ITEMS

NONE - PROJECT IS SUBMITTED IN ITS ENTIRETY

#### INCREMENTAL SUBMITTALS

NONE - PROJECT IS SUBMITTED AS A SINGLE INCREMENT

#### DSA APPLICATION NUMBER

01-121329

#### PROJECT ADDRESS

321 GOLF CLUB ROAD  
PLEASANT HILL, CA 94523

#### DSA FILE NUMBER

07-C1

#### PROJECT ALTERNATES (PROVIDE PRICING AS ADD)

**ALTERNATE 1: REMOVE AND ADD SELECT TOILETS (WC-1A) NOT LOCATED AT ACCESSIBLE STALL AT ROOM 102 - RESTROOM 2**  
- REMOVE EXISTING TOILET FIXTURES WHERE 15" CLEARANCE ON BOTH SIDES CANNOT BE MAINTAINED AND INSTALL NEW TOILETS. THE ADD ALTERNATE TOILET FIXTURES ARE IDENTIFIED AS WC-1A AND ALL REQUIRED PLUMBING CONNECTIONS ARE TO BE INCLUDED IN THIS SCOPE OF WORK. FIELD VERIFY AND COORDINATE WITH TOILET PARTITION SHOP DRAWINGS TO VERIFY AND CONFIRM. SEE PLANS.

**ALTERNATE 2: REPLACE EXISTING DOOR FRAMES AND HARDWARE**  
- REPLACE EXISTING DOOR FRAMES, ONE AT EACH RESTROOM, IF REPLACEMENT OF DOOR PANEL ON ITS OWN IS NOT POSSIBLE DUE TO FIELD CONDITIONS. REPLACE DOOR HARDWARE AS REQUIRED TO BE COMPATIBLE WITH NEW DOOR PANELS AND FRAMES.

#### PROJECT DESCRIPTION AND SCOPE OF WORK

THE PROPOSED PROJECT CONSISTS OF THE ALTERATION A MEN'S AND A WOMEN'S RESTROOM IN AN EXISTING BUILDING AT THE DIABLO VALLEY COLLEGE PLEASANT HILL CAMPUS INTO TWO SEPARATE GENDER NEUTRAL RESTROOM FACILITIES. THE NEW TOILET PARTITIONS EXTEND GREATER THAN TYPICAL HEIGHTS, WITH A BOTTOM ELEVATION OF 38" AFF AND A TOP ELEVATION OF 88" AFF, REQUIRING THE WIDENING OF ACCESSIBLE TOILET STALLS. TWO EXISTING URINALS WILL BE REPLACED WITH A TOILET. ADDITIONAL TOILETS MAY BE REQUIRED TO SHIFT IN ORDER TO ACCOMMODATE CLEARANCES. NO CEILING WORK, INCLUDING MECHANICAL, ELECTRICAL, AND FIRE ALARM IS INCLUDED IN SCOPE.

PROJECT IS NOT LOCATED IN A WILDLAND-URBAN FIRE INTERFACE AREA. CHAPTER 7A IS NOT APPLICABLE.

#### PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2023\*

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR\*  
2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR  
(2020 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2019 CALIFORNIA AMENDMENTS)  
2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR  
(2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)  
2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR  
(2020 IAPMO UNIFORM MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)  
2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR  
(2020 IAPMO UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)  
2022 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR  
2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR  
(2020 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)  
2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR  
(2020 INTERNATIONAL EXISTING BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS)  
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR  
2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR  
TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS  
2022 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS (PER 2019 CBC PART 2 CH 35)  
NOTE: CALIFORNIA ELEVATOR UNIT ENFORCES CCR TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION

#### PARTIAL LIST OF APPLICABLE STANDARDS

CONTRA COSTA COMMUNITY COLLEGE DISTRICT DESIGN GUIDELINES AND STANDARDS  
NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED)..... 2022 EDITION  
NFPA 14 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS (CA AMENDED)..... 2024 EDITION  
NFPA 17 - STANDARD FOR CHEMICAL EXTINGUISHING SYSTEMS..... 2024 EDITION  
NFPA 17A - STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS..... 2024 EDITION  
NFPA 20 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION..... 2022 EDITION  
NFPA 22 - STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION..... 2023 EDITION  
NFPA 24 - STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (CA AMENDED)..... 2022 EDITION  
NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED)..... 2022 EDITION  
NFPA 80 - STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES..... 2022 EDITION  
NFPA 2001 - STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED)..... 2022 EDITION  
UL 300 - STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT..... 2019 EDITION  
UL 464 - AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES..... 2023 EDITION  
UL 521 - STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS..... 2023 EDITION  
UL 1971 - STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED..... 2002 (R2010)  
ICC 300 - STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS..... 2017 EDITION

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2022 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80.

SEE CALIFORNIA BUILDING CODE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS.

\*ALL PARTS OF THE 2022 CALIFORNIA BUILDING CODE BECOME EFFECTIVE JANUARY 1, 2023

#### ARCHITECT'S STATEMENT

##### STATEMENT OF GENERAL CONFORMANCE

FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

(APPLICATION NO. 01-121329 FILE NO. 07-C1)

THE DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. IT HAS BEEN EXAMINED BY ME FOR:

1) DESIGN INTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND 2) COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17302 AND 01138 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341 AND 4-344" OF TITLE 24, PART 1, (TITLE 24, PART 1, SECTION 4-317 [B])

I FIND THAT: ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN INTENT, AND HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.

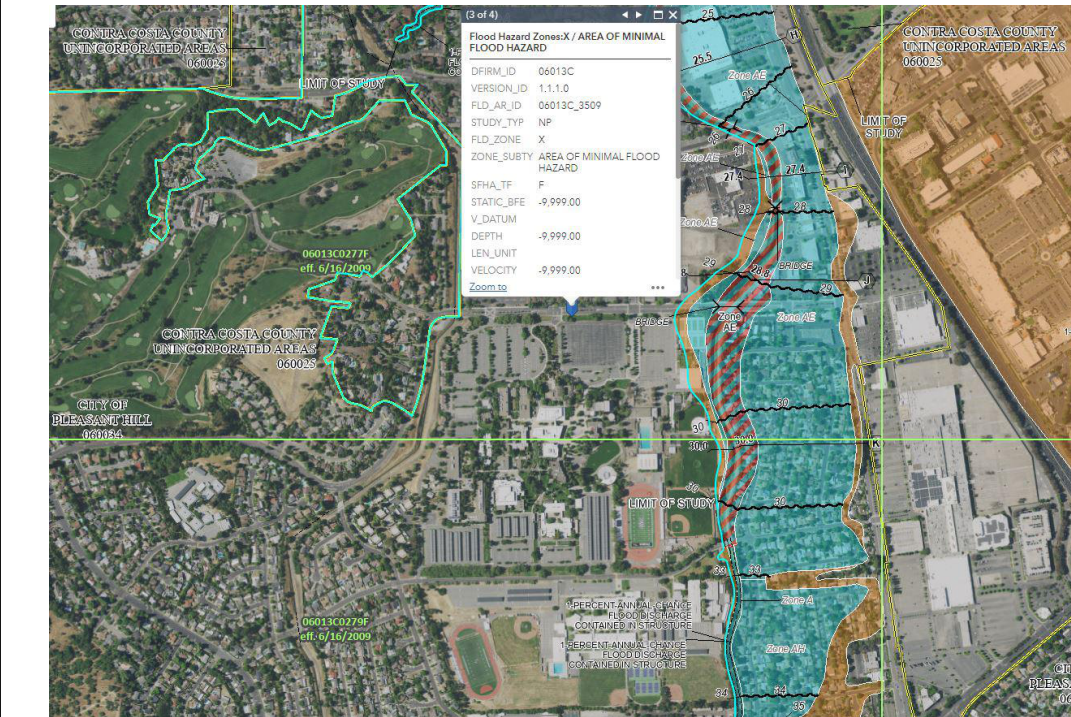
CATHERINE MENG, DLR GROUP 3/5/2024  
SIGNATURE OF THE ARCHITECT/ENGINEER DATE  
NAME, DATE, AFFILIATION  
C-36422 12/31/2025  
LICENSE NUMBER EXPIRATION DATE

#### FLOOD ZONE NOTE

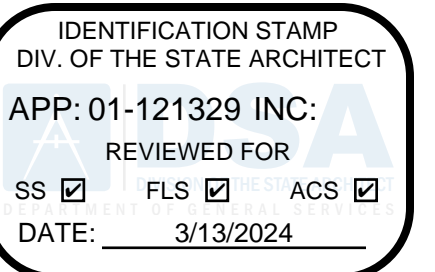
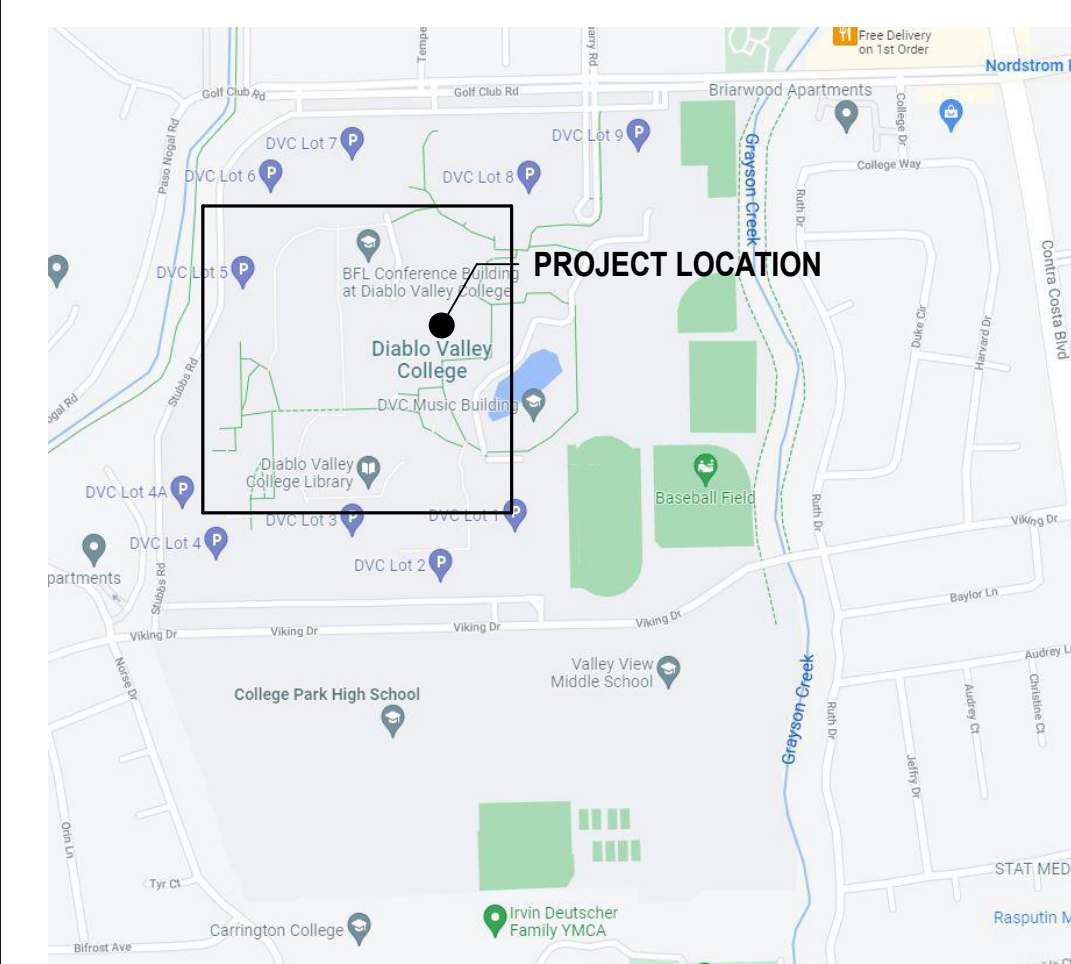
THE PROJECT IS LOCATED IN UNSHADED ZONE X "AREA OF MINIMAL FLOOD HAZARD"

Flood Hazard Boundaries:  
- Limit Lines  
- SFHA / Flood Zone Boundary  
Flood Hazard Zones:  
- 1% Annual Chance Flood Hazard  
- Regulatory Floodway  
- Special Floodway  
- Area of Undetermined Flood Hazard  
- 0.2% Annual Chance Flood Hazard  
- Future Conditions 1% Annual Chance Flood Hazard  
- Area with Reduced Risk Due to Levees  
- Area with Risk Due to Levees

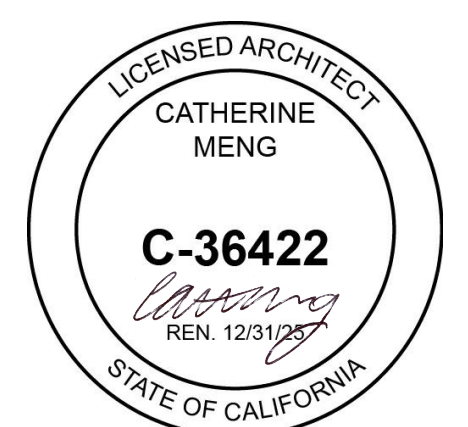
##### EXCERPT FROM MAP:



#### VICINITY MAP



DSA APPROVAL STAMP



DSA APP: 01-121329  
DSA FILE: 07-C1

DVC - Student Union Gender Inclusive Restroom  
CCOCD - Diablo Valley College  
321 GOLF CLUB ROAD  
PLEASANT HILL, CA 94523

DSA BACKCHECK SET

03/05/2024  
Revisions

DLR GROUP PROJECT NUMBER:  
75-24104-00

COVER SHEET

GO.00



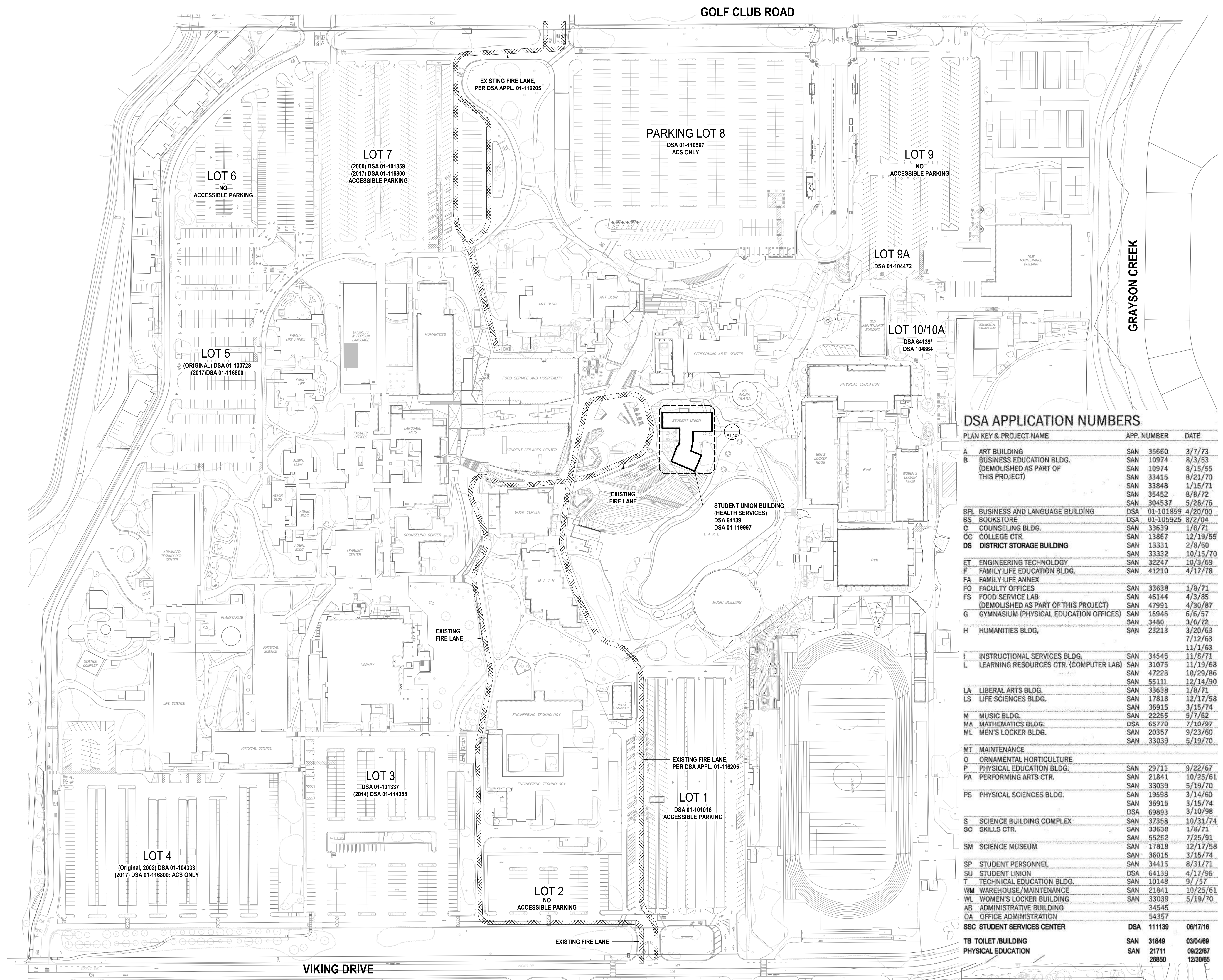
GENERAL ABBREVIATIONS

#	NUMBER	(E)	EXISTING	FLM	FULL LENGTH MIRROR	R	RISER
@	AND AT	ACC	ADA ACCESSIBLE	FLUOR	FLUORESCENT	RAD	RADIUS
ADA	AMERICANS WITH DISABILITY ACT	AIE	ARCHITECT/ENGINEER	FO	FINISH OPENING	RB	RUBBER BASE
ADDN	ADDITION OR ADDITIONAL	ABS	ASBESTOS	FCC	FACE OF CONCRETE	RC	REMOTE CONTROL
AFI	ABOVE FINISHED FLOOR	ACR	ACRYLIC	FOF	FACE OF FINISH	RD	REFLECTED CEILING PLAN
AFG	ABOVE FINISHED GRADE	AD	ADJUSTABLE	FOM	FACE OF MASONRY	REF	REFERENCE
AHJ	AUTHORITY HAVING JURISDICTION	ACT	ACOUSTIC CEILING TILE	FOW	FACE OF WALL	REFL	REFLECTED
ALT	ALTERNATE	AD	ACCESS DOOR	FR	FIRE RESISTANT	REM	REMOVABLE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	ADJ	ADJUSTABLE	FRP	FIBERGLASS REINFORCED PANEL	RESIL	RESILIENT
APPROX	APPROXIMATE	ADJ	ADJACENT	FRT	FIRE RESISTANCE TREATED	RESL	RESILIENT FLOORING
ARCH	ARCHITECTURAL	ADM	ADMINISTRATION	FS	FLOOR SINK	RF	RUBBER FLOOR
BFL	BUSINESS/FOREIGN LANGUAGE BUILDING	AEC	AUTOMATED EXTERNAL DEFIBRILLATORS	FSS	FOLDING SHOWER SEAT	RFM	RECESSED FLOOR MAT
BLDG	BUILDING	AL	ALUMINUM	FTG	FOOTING	R&C	ROUGH IN AND CONNECT
BSMT	BASEMENT	ALUM	ALUMINUM	FVC	FIRE VALVE CABINET	S	SINK
CL	CENTER LINE	APC	ACOUSTIC PANEL CEILING	G	GROUT	SAT	SPRAYED ACOUSTIC TREATMENT
CLG	CEILING	ASPH	ASPHALT	GA	GAUGE	SAW	SPLASH BLOCK
CM	CENTIMETER	AUTO	AUTOMATIC	GAL	GALLON	SB	SOLID CORE
CONC	CONCRETE	AVG	AVERAGE	GALV	GALVANIZED	SC	SHOWER CURTAIN
CONN(S)	CONNECTION(S)	AWP	ACOUSTIC WALL PANEL	GALV	GALVANIZED	SCH	SHOWER CURTAIN HOOK
CONST	CONSTRUCTION	SNV2	SANITARY NAPKIN VENDOR	GMP	GUARANTEED MAXIMUM PRICE	SCT	STRUCTURAL CLAY TILE
CONT	CONTINUOUS	B.O.	BOTTOM OF	GR	GUARD RAIL	SECY	SECRETARY
CONTR	CONTRACTOR	BD	BOARD	GRS	GROSS FLOOR AREA	SF	SQUARE FEET
CTR	CENTER	BLK	BLOCK	GL	GLUE LAMINATED	SGL	SINGLE
D	DEPTH	BLK	BLOCKING	GMP	GUARANTEED MAXIMUM PRICE	SH	SHOWER
DEG	DEGREE	BLKGD	BLOCKING	GR	GUARD RAIL	SHM	SECURITY HOLLOW METAL
DEMO	DEMOLISH OR DEMOLITION	BLND	BULKHEAD	GR	GRADE	SLNT	SEALANT
DIA	DIAMETER	BM(S)	BEAM(S)	GRS	GALVANIZED RIGID STEEL	SN	SHEET METAL
DM	DIMENSION	BOT	BOTTOM	GRS	GALVANIZED RIGID STEEL	SPL	SOUND PRESSURE LEVEL
DN	DIRECTION	BRDG	BRIDGING	GW	GYPSON WALL BOARD	SQ	SQUARE
DIV	SPECIFICATION DIVISION	BRG	BEARING	GYP	GYPSON	SSA	STORM SHELTER AREA
DOWN	DOWN	BRTK	BRACKET	SNV1	SANITARY NAPKIN VENDOR	SSA	STORM SHELTER AREA
DTL	DETAIL	BT	BATHTUB	PTD2	PAPER TOWEL DISPENSER, SURFACE-MOUNTED	ST	STONE
DWG(S)	DRAWING(S)	BTWN	BETWEEN	SD	SOAP DISPENSER, SURFACE-MOUNTED	ST	STONE
E	EAST	SCD	SEAT COVER DISPENSER, SURFACE-MOUNTED	SD	SOAP DISPENSER, SURFACE-MOUNTED	STAGD	STAGGERED
EA	EACH	SN02	SANITARY NAPKIN DISPOSAL	SD	SOAP DISPENSER, SURFACE-MOUNTED	STC	SOUND TRANSMISSION CLASS
EC	ELECTRICAL CONTRACTOR	SCR	SEAT COVER DISPENSER, RECESSED	HC	HOLLOW CORE	STR	STRINGER
EL	ELEVATION	HDR	HEADER	HDF	HIGH DENSITY FIBERBOARD	SUBFL	SUBFLOOR
ELEC	ELECTRICAL	HDW	HARDWOOD	HDF	HIGH DENSITY FIBERBOARD	SURF	SURFACE
ENG	ENGINEER	HDWR	HARDWARE	HDR	HEADER	SUSP	SUSPENDED
EQU	EQUIPMENT	HM	HOLLOW METAL	HDR	HEADER	SVF	SHEET VINYL FLOORING
EQUIV	EQUIVALENT	HR	HOUR	HM	HOLLOW METAL	T	TREAD
EXT	EXISTING	HR	HANDRAIL	HR	HOUR	T&G	TONGUE AND GROOVE
EXT	EXTERIOR	HS	HARDWARE SET	HR	HANDRAIL	TO	TOP OF
FIN	FINISHED	HSS	HOLLOW STRUCTURAL SHAPE	HS	HARDWARE SET	TAN	TANGENT
FL	FLOOR	HVAC	HEATING VENTILATING AND AIR CONDITIONING	HSS	HOLLOW STRUCTURAL SHAPE	TB	TOWER BAR
FT	FEET	I&W	IN ACCORDANCE WITH	IB	INSIDE DIAMETER	TBD	TACK BOARD
FUT	FUTURE	ID	INSIDE DIAMETER	IF	INSIDE FACE	TC	TOILET COMPARTMENT PARTITION
GC	GENERAL CONTRACTOR	IF	INSIDE FACE	IF	INSIDE FACE	TERR	TERRAZZO
GOVT	GOVERNMENT	IJ	ISOLATION JOINT	IJ	ISOLATION JOINT	TH	THRESHOLD
H	HEIGHT	IJS	IN JOIST SPACE	IJS	IN JOIST SPACE	THK	THICKNESS
HORIZ	HORIZONTAL	INC	INCLUDE(ING)	INC	INCLUDE(ING)	TI	TENANT IMPROVEMENT
HT	HEIGHT	INSUL	INSULATION	INSUL	INSULATION	TMR	TILT MIRROR UNIT
I.e.	THAT IS	JAN	JANITOR	JAN	JANITOR	TOL	TOILET
IBC	INTERNATIONAL BUILDING CODE	JBE	JOINT BEARING ELEVATION	JBE	JOINT BEARING ELEVATION	TOP	TOP OF PAVING
IN	INTERIOR	JCT	JUNCTION	JCT	JUNCTION	TRANS	TRANSVERSE
INT	INTERIOR	JFB	JOINT FILLER BOARD	JFB	JOINT FILLER BOARD	TT	TERRAZZO TILE
LBS(S)	POUND(S)	JST	JOIST	JST	JOIST	TW	TACK WALL
M	THOUSAND	JT	JOINT	JT	JOINT	UL	UNDERWRITERS LABORATORIES
M	METER	KCJ	KEYED CONSTRUCTION JOINT	KCJ	KEYED CONSTRUCTION JOINT	UR	URNAL
MAX	MAXIMUM	KD	KNOCKDOWN	KD	KNOCKDOWN	US	UTILITY SHELF
MC	MECHANICAL CONTRACTOR	KH	KITCHEN HOOD	KH	KITCHEN HOOD	UTL	UTILITY
MECH	MECHANICAL	KB	KITCHEN	KB	KITCHEN	VB	VAPOR BARRIER
MEZZ	MEZZANINE	KB	KITCHEN	KB	KITCHEN	VB	VINYL BASE
MFR	MANUFACTURER	KIT	KITCHEN	KIT	KITCHEN	VCB	VENTED COVE BASE
MIN	MINIMUM	KIT	KITCHEN	KIT	KITCHEN	VF	VINYL FLOOR
MISC	MISCELLANEOUS	KIT	KITCHEN	KIT	KITCHEN	VOC	VOLATILE ORGANIC COMPOUND
MM	MILLIMETER	KIT	KITCHEN	KIT	KITCHEN	VOL	VOLUME
N	NORTH	KIT	KITCHEN	KIT	KITCHEN	VP	VENEER PLASTER
NA	NOT APPLICABLE	KIT	KITCHEN	KIT	KITCHEN	VT	VINYL TILE
NIC	NOT IN CONTRACT	KIT	KITCHEN	KIT	KITCHEN	VWC	VINYL WALL COVERING
NTS	NOT TO SCALE	KIT	KITCHEN	KIT	KITCHEN	W	WIDE
OC	ON CENTER	KIT	KITCHEN	KIT	KITCHEN	WB	WALL BASE
OPP	OPPOSITE	KIT	KITCHEN	KIT	KITCHEN	WC	WALL COVERING
OVHD	OVERHEAD	KIT	KITCHEN	KIT	KITCHEN	WCL	WATER CLOSET/LAVATORY COMBINATION
PAC	PERFORMING ARTS CENTER BUILDING	KIT	KITCHEN	KIT	KITCHEN	WOD	WOOD
PAR	PARALLEL	KIT	KITCHEN	KIT	KITCHEN	WDF	WOOD FLOORING
PENT	PENTHOUSE	KIT	KITCHEN	KIT	KITCHEN	WDW	WINDOW
PLYWD	PLYWOOD	KIT	KITCHEN	KIT	KITCHEN	WI	WROUGHT IRON
QTY	QUANTITY	KIT	KITCHEN	KIT	KITCHEN	WOM	WALK OFF MAT
REQ(D)	REQUIRE(D)	KIT	KITCHEN	KIT	KITCHEN	WRB	WEATHER RESISTANT BARRIER
REV	REVISION(S)	KIT	KITCHEN	KIT	KITCHEN	WW	WARM WHITE
RM	ROOM	KIT	KITCHEN	KIT	KITCHEN	WWF	WELDED WIRE FABRIC
RND	ROUND	KIT	KITCHEN	KIT	KITCHEN	YD	YARD
S	SOUTH	KIT	KITCHEN	KIT	KITCHEN		
SCHED	SCHEDULE	KIT	KITCHEN	KIT	KITCHEN		
SECT	SECTION	KIT	KITCHEN	KIT	KITCHEN		
SHT	SHEET	KIT	KITCHEN	KIT	KITCHEN		
SIM	SIMILAR	KIT	KITCHEN	KIT	KITCHEN		
SPEC	SPECIFICATION(S)	KIT	KITCHEN	KIT	KITCHEN		
SSC	STUDENT SUCCESS CENTER	KIT	KITCHEN	KIT	KITCHEN		
STD	STANDARD	KIT	KITCHEN	KIT	KITCHEN		
STL	STEEL	KIT	KITCHEN	KIT	KITCHEN		
STOR	STORAGE	KIT	KITCHEN	KIT	KITCHEN		
STRUCT	STRUCTURAL	KIT	KITCHEN	KIT	KITCHEN		
SYM	SYMMETRICAL	KIT	KITCHEN	KIT	KITCHEN		
TEMP	TEMPORARY	KIT	KITCHEN	KIT	KITCHEN		
TYP	TYPICAL	KIT	KITCHEN	KIT	KITCHEN		
UNEX	UNEXCAVATED	KIT	KITCHEN	KIT	KITCHEN		
UNFN	UNFINISHED	KIT	KITCHEN	KIT	KITCHEN		
UNO	UNLESS NOTED OTHERWISE	KIT	KITCHEN	KIT	KITCHEN		
VERT	VERTICAL	KIT	KITCHEN	KIT	KITCHEN		
VEST	VESTIBULE	KIT	KITCHEN	KIT	KITCHEN		
VIF	VERIFY IN FIELD	KIT	KITCHEN	KIT	KITCHEN		
W	WEST	KIT	KITCHEN	KIT	KITCHEN		
WTH	WITH	KIT	KITCHEN	KIT	KITCHEN		
W/O	WITHOUT	KIT	KITCHEN	KIT	KITCHEN		

ARCHITECTURAL ABBREVIATIONS

(E)	EXISTING	FLM	FULL LENGTH MIRROR	R	RISER
ACC	ADA ACCESSIBLE	FLUOR	FLUORESCENT	RAD	RADIUS
AIE	ARCHITECT/ENGINEER	FO	FINISH OPENING	RB	RUBBER BASE
AB	AIR BARRIER	FCC	FACE OF CONCRETE	RC	REMOTE CONTROL
ABS	ASBESTOS	FOF	FACE OF FINISH	RD	REFLECTED CEILING PLAN
ACR	ACRYLIC	FOM	FACE OF MASONRY	REF	REFERENCE
ACT	ACOUSTIC CEILING TILE	FOW	FACE OF WALL	REFL	REFLECTED
AD	ACCESS DOOR	FR	FIRE RESISTANT	REM	REMOVABLE
ADJ	ADJUSTABLE	FRP	FIBERGLASS REINFORCED PANEL	RESIL	RESILIENT
ADJ	ADJACENT	FRT	FIRE RESISTANCE TREATED	RESL	RESILIENT FLOORING
ADM	ADMINISTRATION	FS	FLOOR SINK	RF	RUBBER FLOOR
AEC	AUTOMATED EXTERNAL DEFIBRILLATORS	FSS	FOLDING SHOWER SEAT	RFM	RECESSED FLOOR MAT
AL	ALUMINUM	FTG	FOOTING	R&C	ROUGH IN AND CONNECT
ALUM	ALUMINUM	FVC	FIRE VALVE CABINET	S	SINK
AP	ACCESS PANEL	G	GROUT	SAT	SPRAYED ACOUSTIC TREATMENT
APC	ACOUSTIC PANEL CEILING	GA	GAUGE	SAW	SPLASH BLOCK
ASPH	ASPHALT	GAL	GALLON	SB	SOLID CORE
AUTO	AUTOMATIC	GALV	GALVANIZED	SC	SHOWER CURTAIN
AVG	AVERAGE	GALV	GALVANIZED	SCH	SHOWER CURTAIN HOOK
AWP	ACOUSTIC WALL PANEL	GMP	GUARANTEED MAXIMUM PRICE	SCT	STRUCTURAL CLAY TILE
SNV2	SANITARY NAPKIN VENDOR	GR	GUARD RAIL	SECY	SECRETARY
B.O.	BOTTOM OF	GRS	GROSS FLOOR AREA	SF	SQUARE FEET
BD	BOARD	GL	GLUE LAMINATED	SGL	SINGLE
BLK	BLOCK	GMP	GUARANTEED MAXIMUM PRICE	SH	SHOWER
BLKG	BLOCKING	GR	GUARD RAIL	SHM	SECURITY HOLLOW METAL
BLND	BULKHEAD	GR	GRADE	SLNT	SEALANT
BM(S)	BEAM(S)	GRS	GALVANIZED RIGID STEEL	SN	SHEET METAL
BOT	BOTTOM	GRS	GALVANIZED RIGID STEEL	SPL	SOUND PRESSURE LEVEL
BRDG	BRIDGING	GW	GYPSON WALL BOARD	SQ	SQUARE
BRG	BEARING	GYP	GYPSON	SSA	STORM SHELTER AREA
BRTK	BRACKET	SNV1	SANITARY NAPKIN VENDOR	SSA	STORM SHELTER AREA
BT	BATHTUB	PTD2	PAPER TOWEL DISPENSER, SURFACE-MOUNTED	ST	STONE
BTWN	BETWEEN	SD	SOAP DISPENSER, SURFACE-MOUNTED	ST	STONE
SCD	SEAT COVER DISPENSER, SURFACE-MOUNTED	SD	SOAP DISPENSER, SURFACE-MOUNTED	STAGD	STAGGERED
SN02	SANITARY NAPKIN DISPOSAL	SD	SOAP DISPENSER, SURFACE-MOUNTED	STC	SOUND TRANSMISSION CLASS
SCR	SEAT COVER DISPENSER, RECESSED	HC	HOLLOW CORE	STR	STRINGER
HDR	HEADER	HDF	HIGH DENSITY FIBERBOARD	SUBFL	SUBFLOOR
HDW	HARDWOOD	HDF	HIGH DENSITY FIBERBOARD	SURF	SURFACE
HDWR	HARDWARE	HDR	HEADER	SUSP	SUSPENDED
HM	HOLLOW METAL	HDR	HEADER	SVF	SHEET VINYL FLOORING
HR	HOUR	HM	HOLLOW METAL	T	TREAD
HR	HANDRAIL	HR	HOUR	T&G	TONGUE AND GROOVE
HS	HARDWARE SET	HR	HANDRAIL	TO	TOP OF
HSS	HOLLOW STRUCTURAL SHAPE	HS	HARDWARE SET	TAN	TANGENT
HVAC	HEATING VENTILATING AND AIR CONDITIONING	HSS	HOLLOW STRUCTURAL SHAPE	TB	TOWER BAR
I&W	IN ACCORDANCE WITH	HVAC	HEATING VENTILATING AND AIR CONDITIONING	TBD	TACK BOARD
ID	INSIDE DIAMETER	I&W	IN ACCORDANCE WITH	TC	TOILET COMPARTMENT PARTITION
IF	INSIDE FACE	ID	INSIDE DIAMETER	TERR	TERRAZZO
IJ	ISOLATION JOINT	IF	INSIDE FACE	TH	THRESHOLD
IJS	IN JOIST SPACE	IJ	ISOLATION JOINT	THK	THICKNESS
INC	INCLUDE(ING)	IJS	IN JOIST SPACE	TI	TENANT IMPROVEMENT
INSUL	INSULATION	INC	INCLUDE(ING)	TMR	TILT MIRROR UNIT
JAN	JANITOR	INSUL	INSULATION	TOL	TOILET
JBE	JOINT BEARING ELEVATION	JAN	JANITOR	TOP	TOP OF PAVING
JCT	JUNCTION	JBE	JOINT BEARING ELEVATION	TRANS	TRANSVERSE
JFB	JOINT FILLER BOARD	JCT	JUNCTION	TT	TERRAZZO TILE
JST	JOIST	JFB	JOINT FILLER BOARD	TW	TACK WALL
JT	JOINT	JST	JOIST	UL	UNDERWRITERS LABORATORIES
KCJ	KEYED CONSTRUCTION JOINT	JT	JOINT	UR	URNAL
KD	KNOCKDOWN	KCJ	KEYED CONSTRUCTION JOINT	US	UTILITY SHELF
KB	KITCHEN	KD	KNOCKDOWN	UTL	UTILITY
KB	KITCHEN	KB	KITCHEN	VB	VAPOR BARRIER
KIT	KITCHEN	KB	KITCHEN	VB	VINYL BASE
KIT	KITCHEN	KB	KITCHEN	VCB	VENTED COVE BASE
KIT	KITCHEN	KB	KITCHEN	VF	VINYL FLOOR
KIT	KITCHEN	KB	KITCHEN	VOC	VOLATILE ORGANIC COMPOUND
KIT	KITCHEN	KB	KITCHEN	VOL	VOLUME
KIT	KITCHEN	KB	KITCHEN	VP	VENEER PLASTER
KIT	KITCHEN	KB	KITCHEN	VT	VINYL TILE
KIT	KITCHEN	KB	KITCHEN	VWC	VINYL WALL COVERING
KIT	KITCHEN	KB	KITCHEN	W	WIDE
KIT	KITCHEN	KB	KITCHEN	WB	WALL BASE
KIT	KITCHEN	KB	KITCHEN	WC	WALL COVERING
KIT	KITCHEN	KB	KITCHEN	WCL	WATER CLOSET/LAVATORY COMBINATION
KIT	KITCHEN	KB	KITCHEN	WOD	WOOD
KIT	KITCHEN	KB	KITCHEN	WDF	WOOD FLOORING
KIT	KITCHEN	KB	KITCHEN	WDW	WINDOW
KIT	KITCHEN	KB	KITCHEN	WI	WROUGHT IRON
KIT	KITCHEN	KB	KITCHEN	WOM	WALK OFF MAT
KIT	KITCHEN	KB	KITCHEN	WRB	WEATHER RESISTANT BARRIER
KIT	KITCHEN	KB	KITCHEN		





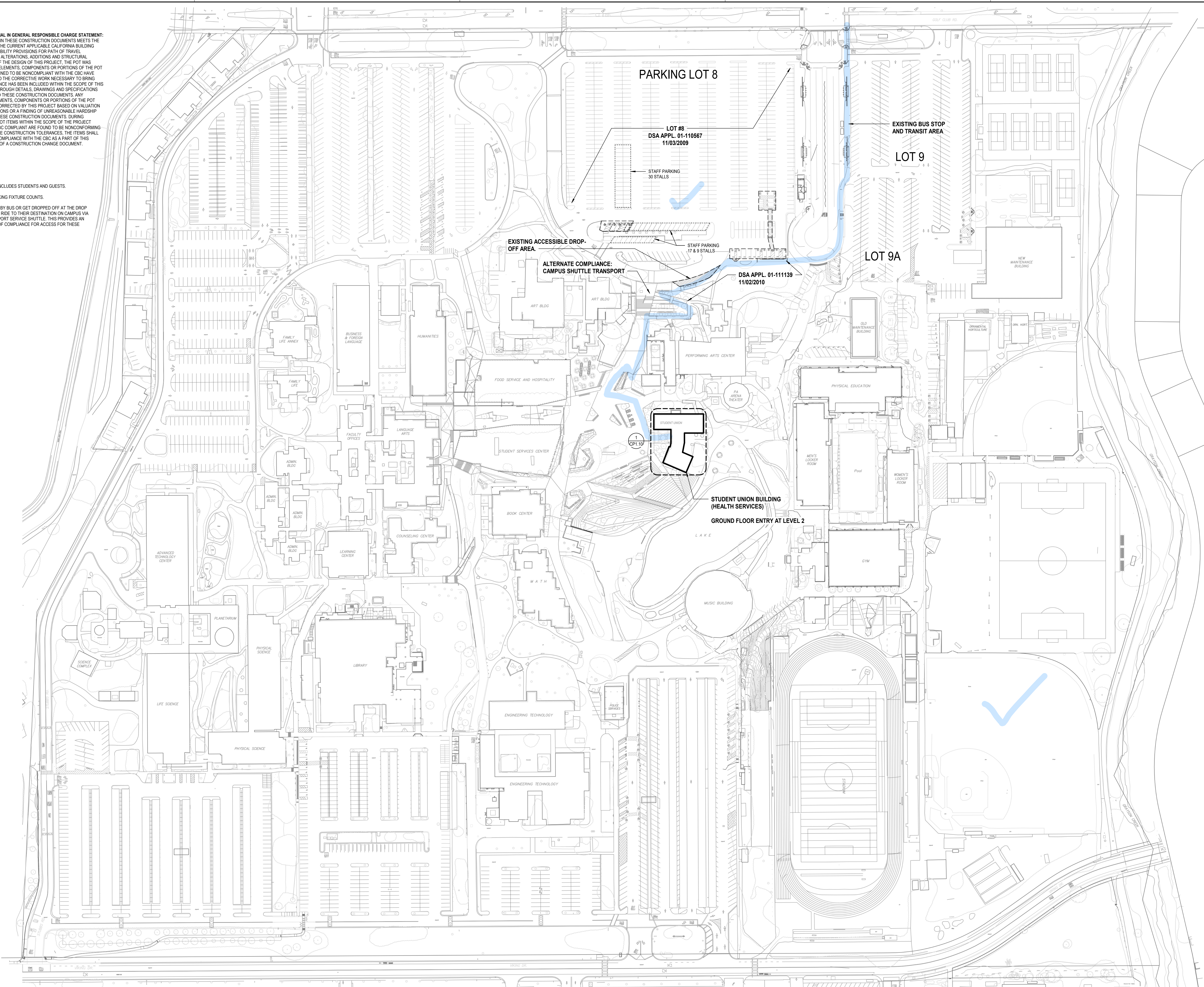
**DSA APPLICATION NUMBERS**

PLAN KEY & PROJECT NAME	APP. NUMBER	DATE
A ART BUILDING	SAN 35660	3/7/73
B BUSINESS EDUCATION BLDG. (DEMOLISHED AS PART OF THIS PROJECT)	SAN 10974 SAN 10974 SAN 33415 SAN 33848 SAN 35452 SAN 304537	8/3/53 8/15/55 8/21/70 1/15/71 8/8/72 5/28/75
BFL BUSINESS AND LANGUAGE BUILDING	DSA 01-101859	4/20/00
BS BOOKSTORE	DSA 01-105925	8/2/04
C COUNSELING BLDG.	SAN 33639	1/8/71
CC COLLEGE CTR.	SAN 13867	12/19/55
DS DISTRICT STORAGE BUILDING	SAN 13331 SAN 33332	2/8/60 10/15/70
ET ENGINEERING TECHNOLOGY	SAN 32247	10/3/69
F FAMILY LIFE EDUCATION BLDG.	SAN 41210	4/17/78
FA FAMILY LIFE ANNEX		
FO FACULTY OFFICES	SAN 33638	1/8/71
FS FOOD SERVICE LAB (DEMOLISHED AS PART OF THIS PROJECT)	SAN 46144 SAN 47991	4/3/85 4/30/87
G GYMNASIUM (PHYSICAL EDUCATION OFFICES)	SAN 15946 SAN 3480	6/6/57 3/6/72
H HUMANITIES BLDG.	SAN 23213	3/20/63 7/12/63 11/1/63
I INSTRUCTIONAL SERVICES BLDG.	SAN 34545	11/8/71
L LEARNING RESOURCES CTR. (COMPUTER LAB)	SAN 31075 SAN 47228 SAN 55111	11/19/68 10/29/86 12/14/90
LA LIBERAL ARTS BLDG.	SAN 33638	1/8/71
LS LIFE SCIENCES BLDG.	SAN 17818 SAN 36915	12/17/58 3/15/74
M MUSIC BLDG.	SAN 22255	5/7/62
MA MATHEMATICS BLDG.	DSA 65770	7/10/97
ML MEN'S LOCKER BLDG.	SAN 20357 SAN 33039	9/23/60 5/19/70
MT MAINTENANCE		
O ORNAMENTAL HORTICULTURE		
P PHYSICAL EDUCATION BLDG.	SAN 29711	9/22/67
PA PERFORMING ARTS CTR.	SAN 21841 SAN 33039	10/25/61 5/19/70
PS PHYSICAL SCIENCES BLDG.	SAN 19598 SAN 36915 DSA 69893	3/14/60 3/15/74 3/10/98
S SCIENCE BUILDING COMPLEX	SAN 37358	10/31/74
SC SKILLS CTR.	SAN 33638 SAN 55252	1/8/71 7/25/91
SM SCIENCE MUSEUM	SAN 17818 SAN 36015	12/17/58 3/15/74
SP STUDENT PERSONNEL	SAN 34415	8/31/71
SU STUDENT UNION	DSA 64139	4/17/96
T TECHNICAL EDUCATION BLDG.	SAN 10148	9/5/57
WM WAREHOUSE/MAINTENANCE	SAN 21841	10/25/61
WL WOMEN'S LOCKER BUILDING	SAN 33039	5/19/70
AB ADMINISTRATIVE BUILDING	34545	
OA OFFICE ADMINISTRATION	54357	
SSC STUDENT SERVICES CENTER	DSA 111139	06/17/16
TB TOILET /BUILDING	SAN 31849	03/04/69
PHYSICAL EDUCATION	SAN 21711 26850	09/22/67 12/30/65



**DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:**  
 THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCOMPLYING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

**NOTE:**  
 GENERAL PARKING INCLUDES STUDENTS AND GUESTS.  
 NO CHANGE TO PARKING FIXTURE COUNTS.  
 USERS THAT ARRIVE BY BUS OR GET DROPPED OFF AT THE DROP OFF CAN REQUEST A RIDE TO THEIR DESTINATION ON CAMPUS VIA THE DISABILITY SUPPORT SERVICE SHUTTLE. THIS PROVIDES AN ALTERNATE MEANS OF COMPLIANCE FOR ACCESS FOR THESE USER GROUPS.



IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP: 01-121329 INC.  
 REVIEWED FOR:  
 SS  FLS  ACS   
 DATE: 3/13/2024

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 CATHERINE MENG  
 C-36422  
 REN. 12/31/25  
 STATE OF CALIFORNIA

**D L R GROUP**  
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 225 Montgomery Street, Suite 350, San Francisco, CA 94104

**DVC**

DSA APP: 01-121329  
 DSA FILE: 07-C1

**DVC - Student Union Gender Inclusive Restroom**  
 CCCC - Diablo Valley College  
 321 GOLF CLUB ROAD  
 PLEASANT HILL, CA 94523

DSA BACKCHECK SET  
 03/05/2024  
 Revisions

DLR GROUP PROJECT NUMBER:  
 75-24104-00

CODE CAMPUS SITE PLAN -  
 ACCESSIBLE PARKING AND  
 DROP OFF

CP0.10

Autodesk Docs/75-24104-00\_CCCCD-Gender Inclusive Restroom/75-24104-00\_SU\_Gender Inclusive Restroom\_AE\_2024.rvt  
 3/8/2024 10:50:22 AM

1 ACCESSIBLE PATH OF TRAVEL SITE PLAN  
 CP0.10 SCALE: 12" = 1'-0"



CODE ANALYSIS

The following renovations will modify restrooms in the Student Union Health Services Building from gender-specific to gender inclusive restrooms.

APPLICABLE CODES:

- California Building Code - 2022 edition
California Electrical Code - 2022 edition
California Mechanical Code - 2022 edition
California Plumbing Code - 2022 edition
California Fire Code - 2022 edition
NFPA 13 - 2022 edition
NFPA 24 - 2022 edition
NFPA 72 - 2022 edition

Student Union Building - Existing Building DSA App #64139 and DSA App #119997

LIMIT OF WORK: 450 gsf (out of 12,744 gsf)

Number of Stories: 1 story (out of 2 stories)

Construction Classification: Type V Non-rated

Sprinklers: Not Sprinklered

Mixed Occupancy: Non-separated occupancies (per CBC Section 508.3)

CODE COMPLIANCE APPROACH

The Existing Student Union Building comprises the following occupancies: Groups A-3, B

The mixed occupancies were designed as non-separated occupancies complying with section 506.2.4, 508.1, and 508.3.

The exit access stairs that connect between first and second floor are open/unenclosed and comply with 2022 CBC 1019.3 exception 1. For the vertical opening, see CBC 712.1.9.

SECTION 303 ASSEMBLY GROUP A

'A' areas include classrooms with >50 occupants and open study/work areas with loose furniture.

303.1.1 Small buildings and tenant spaces. A building or tenant space used for assembly purposes with an occupant load of less than 50 persons shall be classified as a Group B occupancy.

303.1.2 Small assembly spaces. The following rooms and spaces shall not be classified as Assembly occupancies:

- A room or space used for assembly purposes with an occupant load of less than 50 persons and accessory to another occupancy shall be classified as a Group B occupancy or as part of that occupancy.
A room or space used for assembly purposes that is less than 750 square feet (70 m²) in area and accessory to another occupancy shall be classified as a Group B occupancy or as part of that occupancy.

303.4 Assembly Group A-3. Assembly uses intended for worship, recreation or amusement and other assembly uses not classified elsewhere in Group A including, but not limited to:

- Exhibition halls
Lecture halls
Places of religious worship

SECTION 304 BUSINESS GROUP B

'B' areas include classrooms, labs, offices.

304.1 Business Group B. Business Group B occupancies includes, among others, the use of a building or structure, or a portion thereof, for office professional or service-type transactions, including storage of record and accounts. Business occupancies shall include, but be limited to, the following:

- Educational occupancies for students above the 12th grade

Detailed description of business group B occupancies and their classification criteria.

DSA IR A-26CC

- General Education Classrooms shall be classified as B occupancy with occupant load factor of 20 net.
Classrooms with 50 or more occupants shall be classified as A-3.
Science Classrooms with exempt amount of hazardous materials are used/stored shall be classified as Group B occupancy with occupant load factor of 50 net.
Lecture halls with an occupant load of 50 or more, shall be classified as Group 'A-3' occupancy. Apply an occupant load factor of 20 (net) in areas without fixed seating.

- Vocational shops for woodworking, auto, metal, and welding shall be individually assessed based on the activities within the shops and the quantities of hazardous materials used and stored. The occupant load factor shall be 50 (net).
Locker Rooms shall be classified as Group 'B' occupancy with an occupant load factor of 50 (gross).
Reading room areas (computer areas, chair and table areas) shall use an occupant load factor of 50 (net) per CBC Table 1004.1.1

SECTION 508 MIXED USE AND OCCUPANCY

508.1 General. Each portion of a building shall be individually classified in accordance with Section 302.1. Where a building contains more than one occupancy group, the building or portion thereof shall comply with the applicable provisions of Section 508.2, 508.3 or 508.4, or a combination of these sections.

508.3 Nonseparated occupancies. Buildings or portions of buildings that comply with the provisions of this section shall be considered as nonseparated occupancies.

508.3.1 Occupancy Classification. Each occupancies are individually classified in accordance with Section 302.1, refer to Section 303 and 304 of this report.

508.3.2 Allowable building area, height and number of stories. The allowable building area, height and number of stories of the building or portion thereof shall be based on the most restrictive allowances for the occupancy groups under consideration for the type of construction of the building in accordance with Section 503.1.

SECTION 11B-202 EXISTING BUILDINGS AND FACILITIES

11B-202.1 General. Additions and alterations to existing buildings or facilities shall comply with Section 11B-202.

11B-202.2 Additions. Each addition to an existing building or facility shall comply with the requirements for new construction and shall comply with Section 11B-202.4.

11B-202.3 Alterations. Where existing elements or spaces are altered, each altered element or space shall comply with the applicable requirements of Division 2, including Section 11B-202.4.

Exceptions: 2. Technically infeasible. In alterations, where the enforcing authority determines compliance with applicable requirements is technically infeasible, the alteration shall provide equivalent facilitation or comply with the requirements to the maximum extent feasible. The details of the finding that full compliance with the requirements is technically infeasible shall be recorded and entered into the files of the enforcing agency.

11B-202.4 Path of travel requirements in alterations, additions and structural repairs. When alterations or additions are made to existing buildings or facilities, an accessible path of travel to the specific area of alteration or addition shall be provided. The primary accessible path of travel shall include:

- 1. A primary entrance to the building or facility.
2. Toilet and bathing facilities serving the area.
3. Drinking fountains serving the area.
4. Public telephones serving the area, and
5. Signs.
Exceptions: 2. If the following elements of a path of travel have been constructed or altered in compliance with the accessibility requirements of the immediately preceding edition of the California Building Code, it shall not be required to retrofit such elements to reflect the incremental changes in this code solely because of an alteration to an area served by those elements of the path of travel:
1. A primary entrance to the building or facility.
2. Toilet and bathing facilities serving the area.
3. Drinking fountains serving the area.
4. Public telephones serving the area, and
5. Signs.

Note: The language in this exception, which refers to the "immediately preceding edition of the California Building Code," shall permit a reference back to one CBC edition only and is not accumulative to prior editions.

Analysis: Toilet upgrade within existing toilet rooms in this project do not trigger full path of travel and accessibility upgrades.

SECTION 1005 MEANS OF EGRESS SIZING

1005.3.1 Stairways. The capacity, in inches, of means of egress stairways shall be calculated by multiplying the occupant load served by such stairways by a means of egress capacity factor of 0.3 inch (7.6 mm) per occupant. Where stairways serve more than one story, only the occupant load of each story considered individually shall be used in calculating the required capacity of the stairways serving that story.

Exceptions: 1. For other than Group H and 1-2 occupancies, the capacity, in inches, of means of egress stairways shall be calculated by multiplying the occupant load served by such stairways by a means of egress capacity factor of 0.2 inch (5.1 mm) per occupant in buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 and an emergency voice/alarm communication system in accordance with Section 907.5.2.2.

1005.3.2 Other egress components. The capacity, in inches, of means of egress components other than stairways shall be calculated by multiplying the occupant load served by such component by a means of egress capacity factor of 0.2 inch per occupant.

Exceptions: 1. For other than Group H and 1-2 occupancies, the capacity, in inches, of means of egress components other than stairways shall be calculated by multiplying the occupant load served by such component by a means of egress capacity factor of 0.15 inch (3.8 mm) per occupant in buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 and an emergency voice/alarm communication system in accordance with Section 907.5.2.2.

1005.7 Encroachment. Encroachments into the required means of egress width shall be in accordance with the provisions of this section.

1005.7.1 Doors. Doors, when fully opened, shall not reduce the required width by more than 7 inches (178 mm). Doors in any position shall not reduce the required width by more than one-half.

SECTION 1006 NUMBER OF EXITS AND EXIT ACCESS DOORWAYS

1006.2.1 Egress based on occupant load and common path of egress travel distance. Two exits or exit access doorways from any space shall be provided where the design occupant load or the common path of egress travel distance exceeds the value listed in Table 1006.2.1.

Exceptions: 1. The number of exits from foyers, lobbies, vestibules or similar spaces need not be based on cumulative occupant loads for areas discharging through such spaces, but the capacity of the exits from such spaces shall be based on applicable cumulative occupant loads.

TABLE 1006.2.1: SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY

Table with 3 columns: Occupancy, Maximum occupant load of space, Maximum Common Path of Egress Travel Distance (feet) without sprinkler. Rows for A, B, and C occupancies.

1006.3 Egress from stories or occupied roofs. The means of egress system serving any story or occupied roof shall be provided with the number of separate and distinct exits or access to exits based on the aggregate occupant load served in accordance with this section. Where stairways serve more than one story, only the occupant load of each story considered individually shall be used in calculating the required number of exits or access to exits serving that story.

1007.1.1 Two exits or exit access doorways. Per 1007.1.1, Exception 2, for a sprinklered building, the separation of the exit doors or exit access doorways shall not be less than one-third of the length of the maximum overall diagonal dimension of the space being served.

1007.1.1.1 Measurement point. The separation distance required in Section 1007.1.1 shall be measured in accordance with the following:

- 1. The separation distance to exit or exit access doorways shall be measured to any point along the width of the doorway.
2. The separation distance to exit access stairways shall be measured to the closest riser.
3. The separation distance to exit access ramps shall be measured to the start of the ramp run.

SECTION 1009 ACCESSIBLE MEANS OF EGRESS

1009.1 Accessible means of egress. Accessible spaces shall be provided with not less than one accessible means of egress. Where more than one means of egress are required, each accessible portion of the space shall be served by accessible means of egress in at least the same number as required.

SECTION 1010 DOORS, GATES AND TURNSTILES

1010.1.2.1 Direction of swing. Pivot or side-hinged swinging doors shall swing in the direction of egress travel where serving a room or area containing an occupant load of 50 or more persons...

1010.1.10 Panic and fire exit hardware. Swinging doors serving a Group H occupancy and swinging doors serving rooms or spaces with an occupant load of 50 or more in a Group A or E occupancy assembly area not classified as an assembly occupancy E, 1-2 or 1-2.1 occupancies shall not be provided with a latch or lock other than panic hardware or fire exit hardware. For Group I occupancies see Section 453.6.3.

Exceptions: 1. A main exit of a Group A occupancy shall be permitted to have locking devices in accordance with Section 1010.1.9.4, Item 2. 2. Doors provided with panic hardware or fire exit hardware and serving a Group A or E occupancy shall be permitted to be electrically locked in accordance with Section 1010.1.9.9 or 1010.1.9.10.

Electrical rooms with equipment rated 800-amperes or more and over 6 feet (1829 mm) wide, and that contain overcurrent devices, switching devices or control devices with exit or exit access doors, shall be equipped with panic hardware or fire exit hardware. The doors shall swing in the direction of egress travel.

SECTION 1016 EXIT ACCESS

1016.1 General. The exit access shall comply with the applicable provisions of Sections 1003 through 1015. Exit access arrangement shall comply with Sections 1016 through 1021.

1016.2 Egress through intervening spaces. Egress through intervening spaces shall comply with this section.

2. Egress from a room or space shall not pass through adjoining or intervening rooms or areas, except where such adjoining rooms or areas and the area served are necessary to one or the other, are not a Group H occupancy and provide a discernible path of egress travel to an exit.

Exception: Means of egress are not prohibited through adjoining or intervening rooms or spaces in a Group H, S or F occupancy where the adjoining or intervening rooms or spaces are the same or a lesser hazard occupancy group.

... 5. Egress shall not pass through kitchens, storage rooms, closets or spaces used for similar purposes.

SECTION 1017 EXIT ACCESS TRAVEL DISTANCE

1017.2 Limitations. Exit access travel distance shall not exceed the values given in Table 1017.2.

A Occupancy, Unsprinklered:
B Occupancy, Unsprinklered:

1017.3 Measurement. Exit access travel distance shall be measured from the most remote point of each room, area or space along the natural and unobstructed path of horizontal and vertical egress travel to the entrance to an exit.

1017.3.1 Exit access stairways and ramps. Travel distance on exit access stairways or ramps shall be included in the exit access travel distance measurement. The measurement along stairways shall be made on a plane parallel and tangent to the stair tread nosings in the center of the stair and landings. The measurement along ramps shall be made on the walking surface in the center of the ramp and landings.

SECTION 1019 EXIT ACCESS STAIRWAYS AND RAMPS

1019.2 All occupancies. Exit access stairways and ramps that serve floor levels within a single story are not required to be enclosed.

1019.3 Occupancies other than Groups I-2, R-2.1, I-3, and R-2.1. Floor openings containing exit access stairways or ramps that do not comply with one of the conditions listed in this section shall be enclosed with a shaft enclosure constructed per Section 715.

1. Exit access stairways and ramps that serve or atmospherically communicate between only two stories. Such interconnected stories shall not be open to other stories.

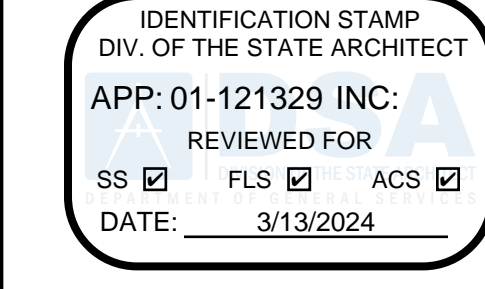
SECTION 1020 CORRIDORS

1020.1 Construction. Corridors shall be fire-resistance rated in accordance with Table 1020.1. The corridor walls required to be fire-resistance rated shall comply with Section 708 for fire partitions.

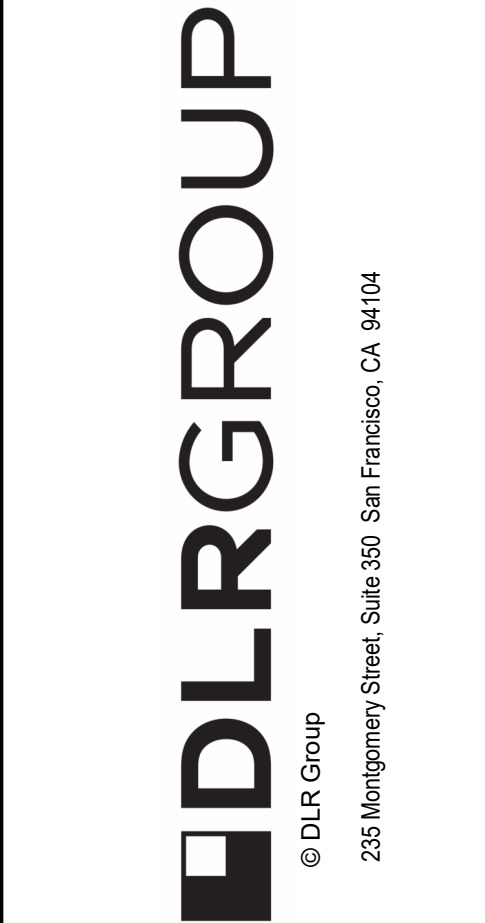
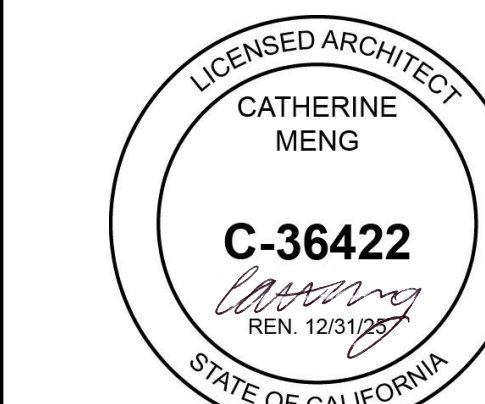
Occupancy - A, B: Required Fire-resistance rating (hours) with sprinkler system: 0

TABLE 1020.2 MINIMUM CORRIDOR WIDTH

1020.4 Dead ends. Where more than one exit or exit access doorway is required, the exit access shall be arranged such that dead-end corridors do not exceed 20 feet in length.



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DSA APP: 01-121329
DSA FILE: 07-C1

DVC - Student Union Gender Inclusive Restroom
CCCCD - Diablo Valley College
321 GOLF CLUB ROAD
PLEASANT HILL, CA 94523

DSA BACKCHECK SET

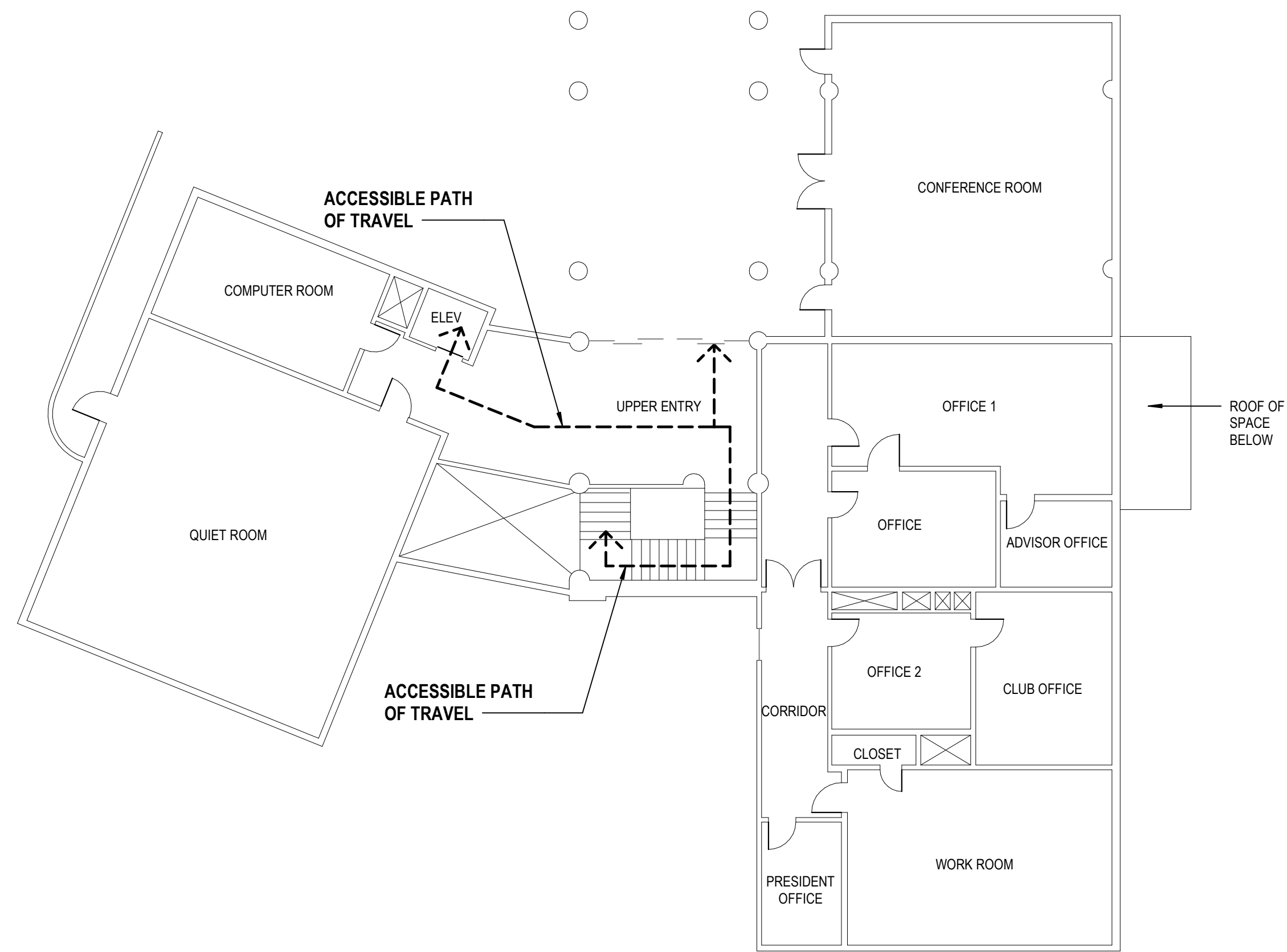
03/05/2024
Revisions

DLR GROUP PROJECT NUMBER: 75-24104-00

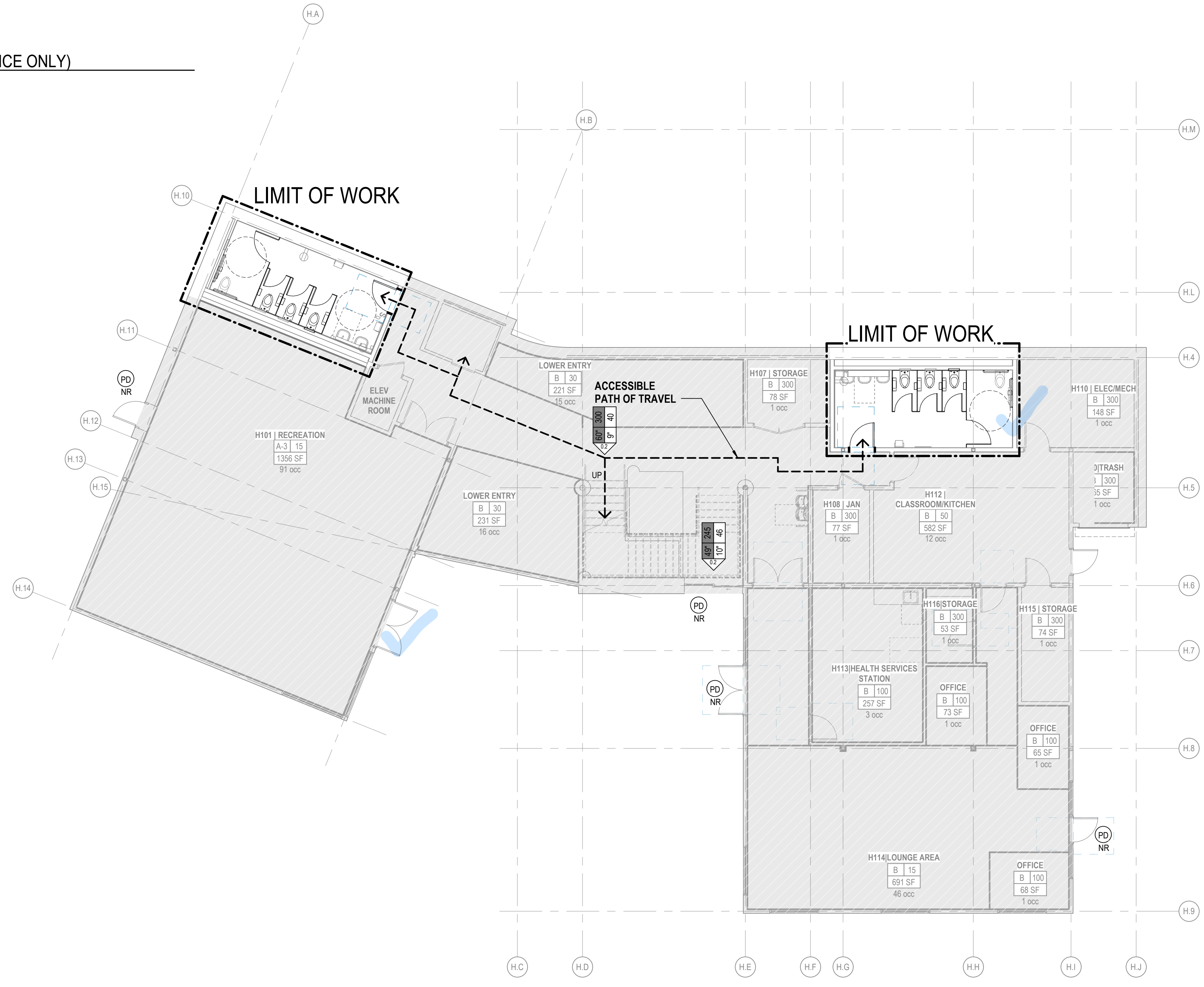
CODE ANALYSIS

CP1.00





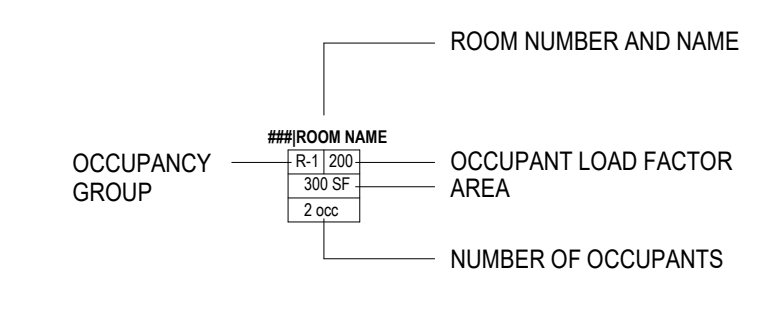
2 STUDENT UNION BLDG - EXISTING FLOOR PLAN - LEVEL 2 (FOR REFERENCE ONLY)  
 CP1.10/ NO SCALE



1 STUDENT UNION BLDG - OCCUPANCY AND EGRESS PLAN - LEVEL 1  
 CP1.10/ SCALE: 1/8" = 1'-0"

**LEGEND**

**TYPICAL ROOM TAG**



**ANNOTATION SYMBOLS**

- COMMON PATH OF EGRESS TRAVEL (A: 75' MAX, B: S. 100' MAX)
- MAXIMUM EXIT ACCESS DISTANCE (A: F-1, S-1: 250' MAX, B: 300' MAX)
- DEAD END CORRIDOR (A: 20' MAX, B: S. 50' MAX)
- OCCUPANT LOAD ANTICIPATED
- EGRESS WIDTH REQUIRED BASED ON OCCUPANTS
- WIDTH OF ELEMENT
- CAPACITY OF ELEMENT IN OCCUPANTS
- WIDTH FACTOR (IN PER OCCUPANT)
  - THE CAPACITY OF DOORS AND OTHER PARTS OF THE EGRESS ARE DETERMINED AS FOLLOWS: CLEAR OPENING WIDTH IN INCHES DIVIDED BY 0.15
  - THE CAPACITY OF STAIRS ARE DETERMINED AS FOLLOWS: WIDTH IN INCHES DIVIDED BY 0.2
- (PD) - PANIC DEVICE
- XX MIN - DOOR FIRE RATING (IF NR - DOOR DOES NOT REQUIRE A FIRE RATING)
- EXISTING WALLS
- NEW WALLS
- EXISTING 1-HR RATED WALLS
- NOT IN SCOPE
- LIMIT OF WORK (AREA OF ALTERATION OF EACH ROOM AS IT PERTAINS TO EACH DRAWING)

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 APP: 01-121329 INC.  
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 DATE: 3/13/2024

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 C-36422  
 REN. 12/31/2025  
 STATE OF CALIFORNIA

**DLR GROUP**  
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**DVC**

DSA APP: 01-121329  
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**DVC - Student Union Gender Inclusive Restroom**  
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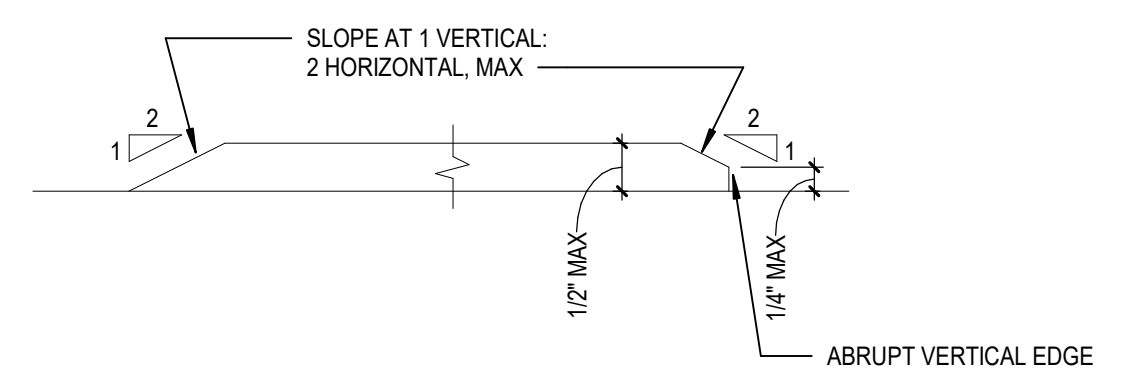
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 Revisions

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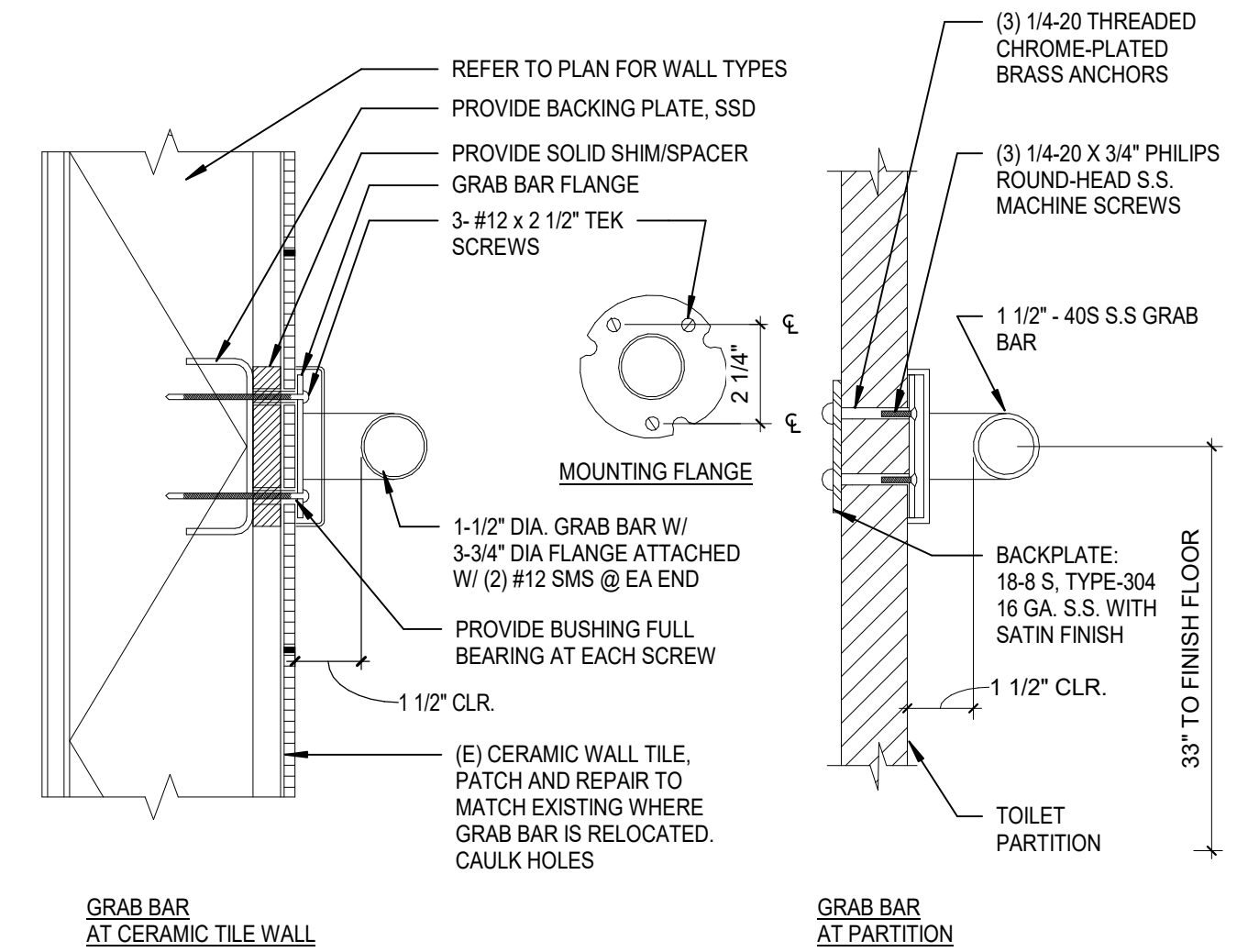
LEVEL 1 CODE PLAN

CP1.10

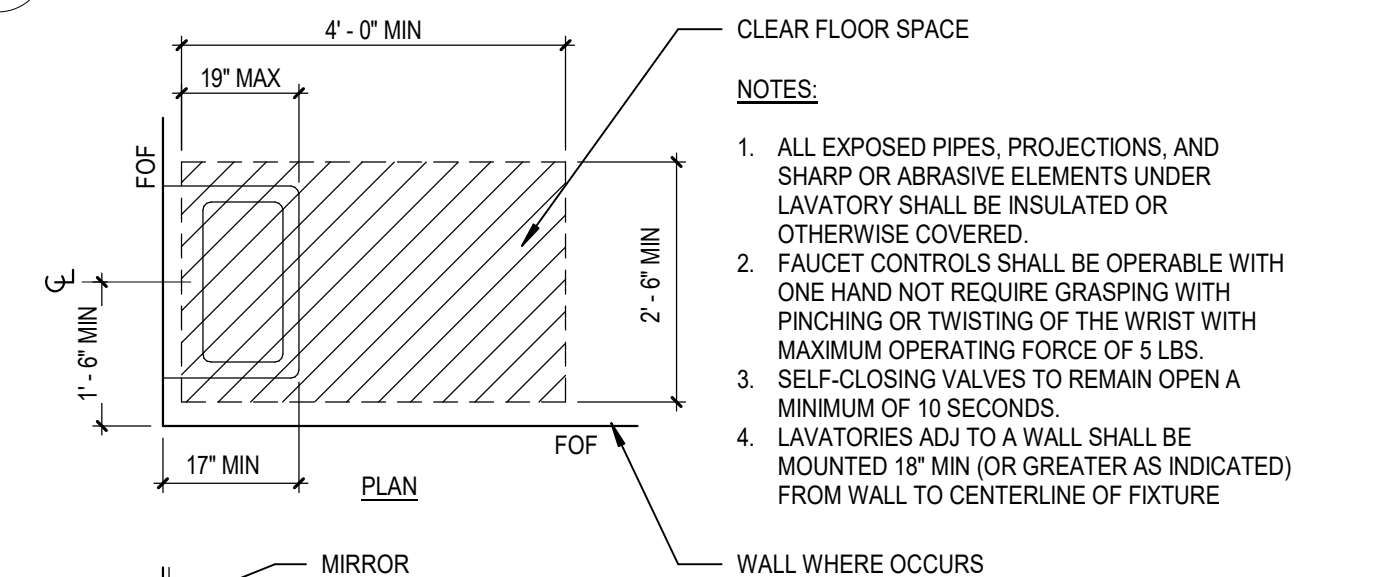




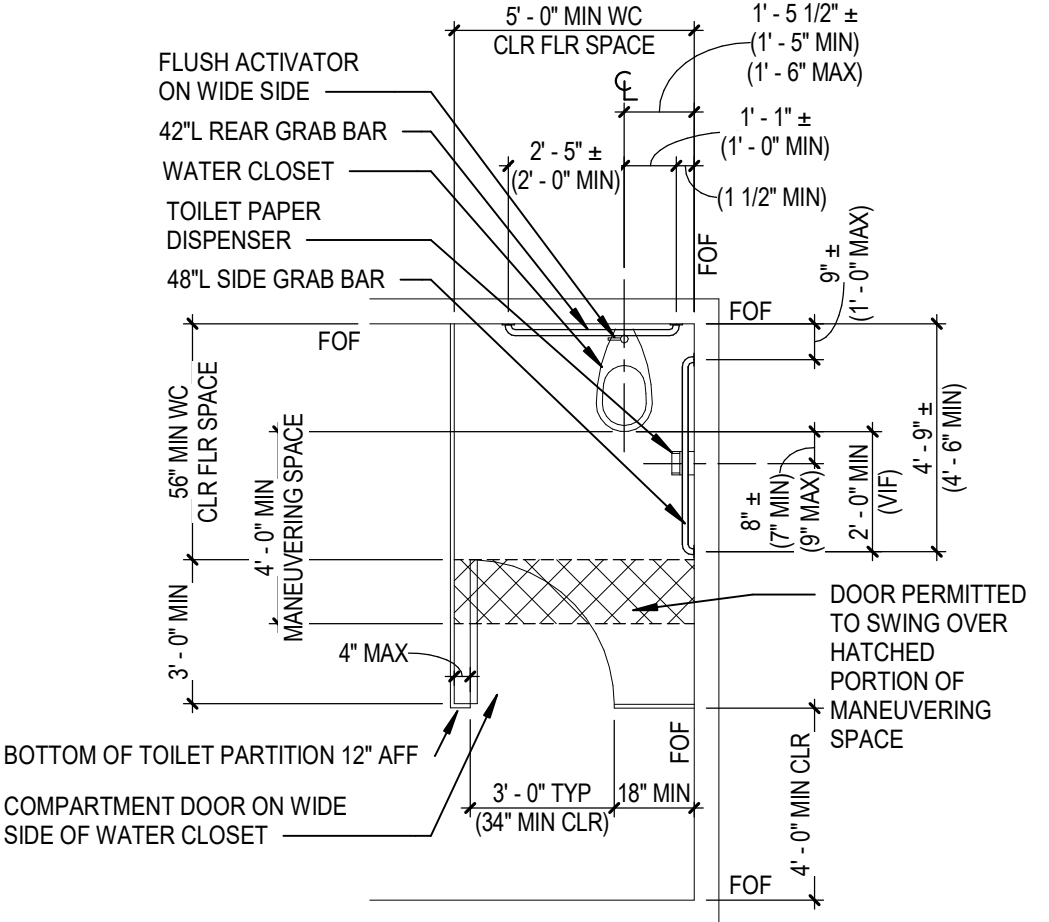
**12 THRESHOLD**  
 CP3.00 SCALE: 1/4" = 1'-0"



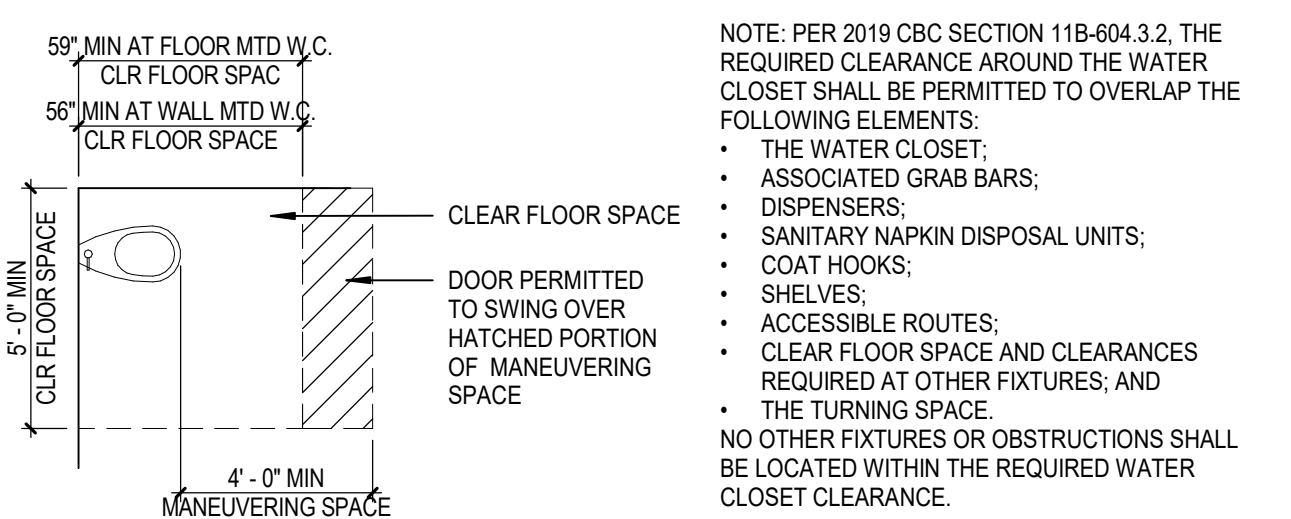
**8 GRAB BAR**  
 CP3.00 SCALE: 3/8" = 1'-0"



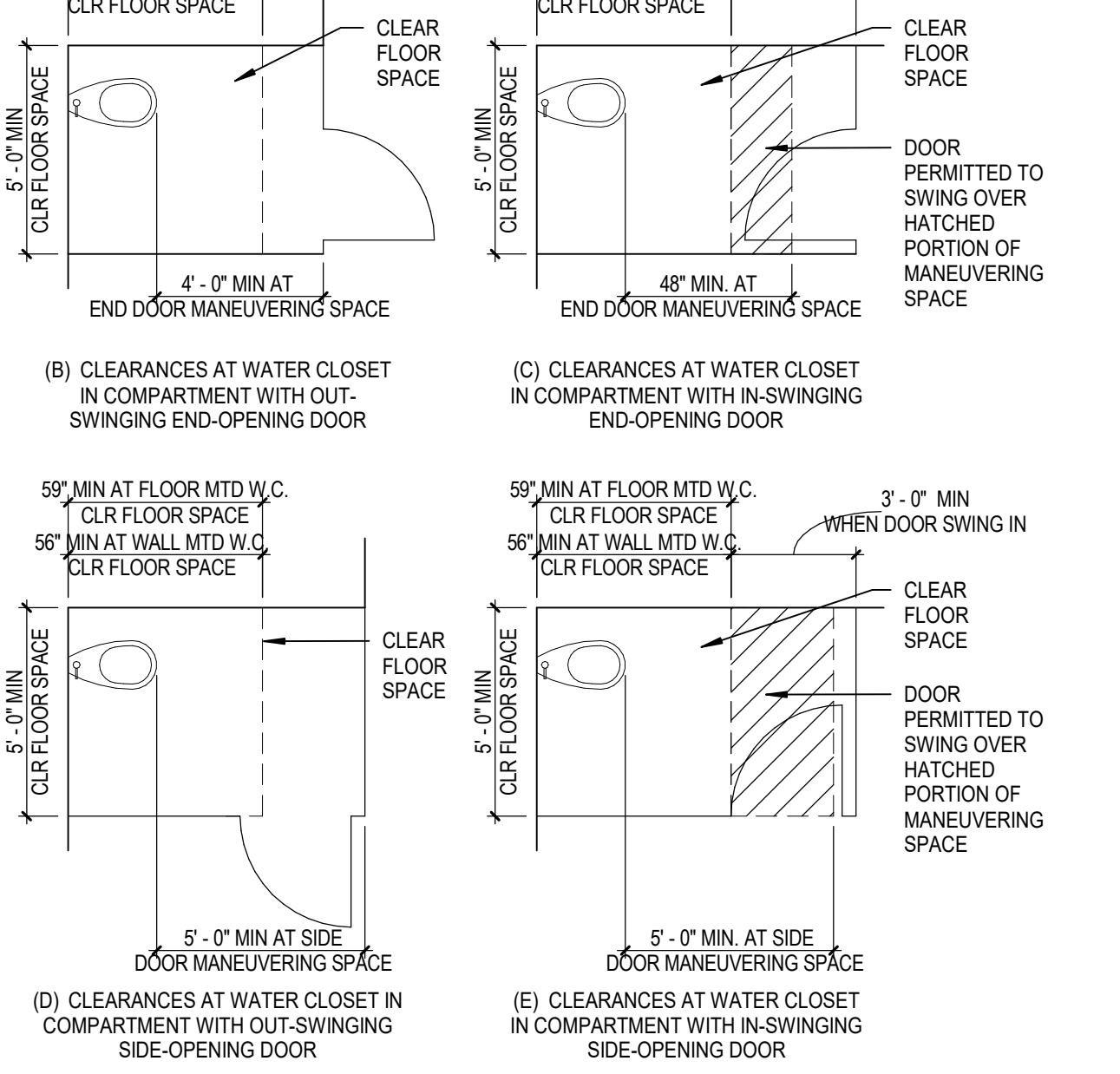
**7 LAVATORY CLEARANCES**  
 CP3.00 SCALE: 1/2" = 1'-0"



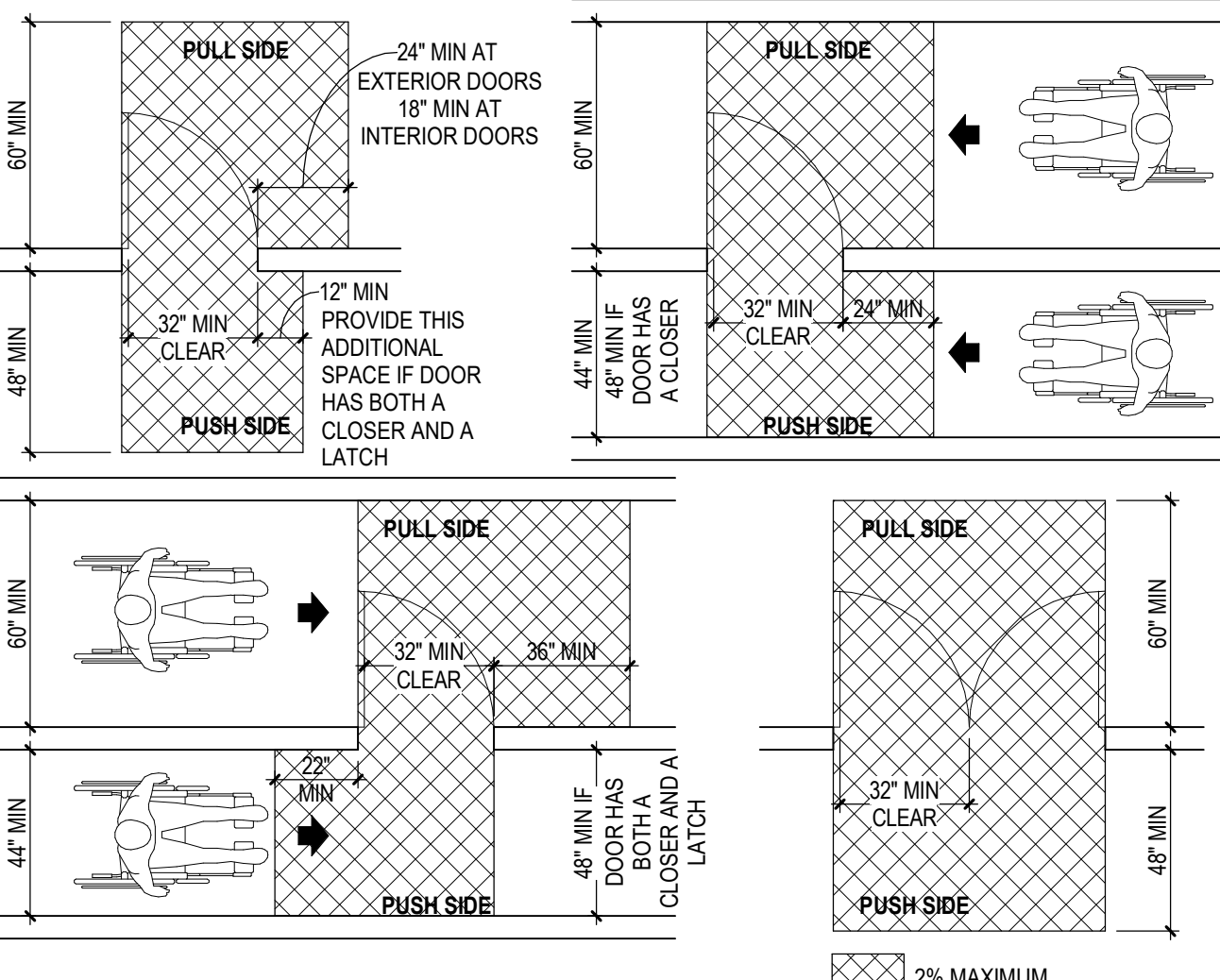
**3 FRONT ACCESSIBLE WATER CLOSET COMPARTMENT**  
 CP3.00 SCALE: 1/4" = 1'-0"



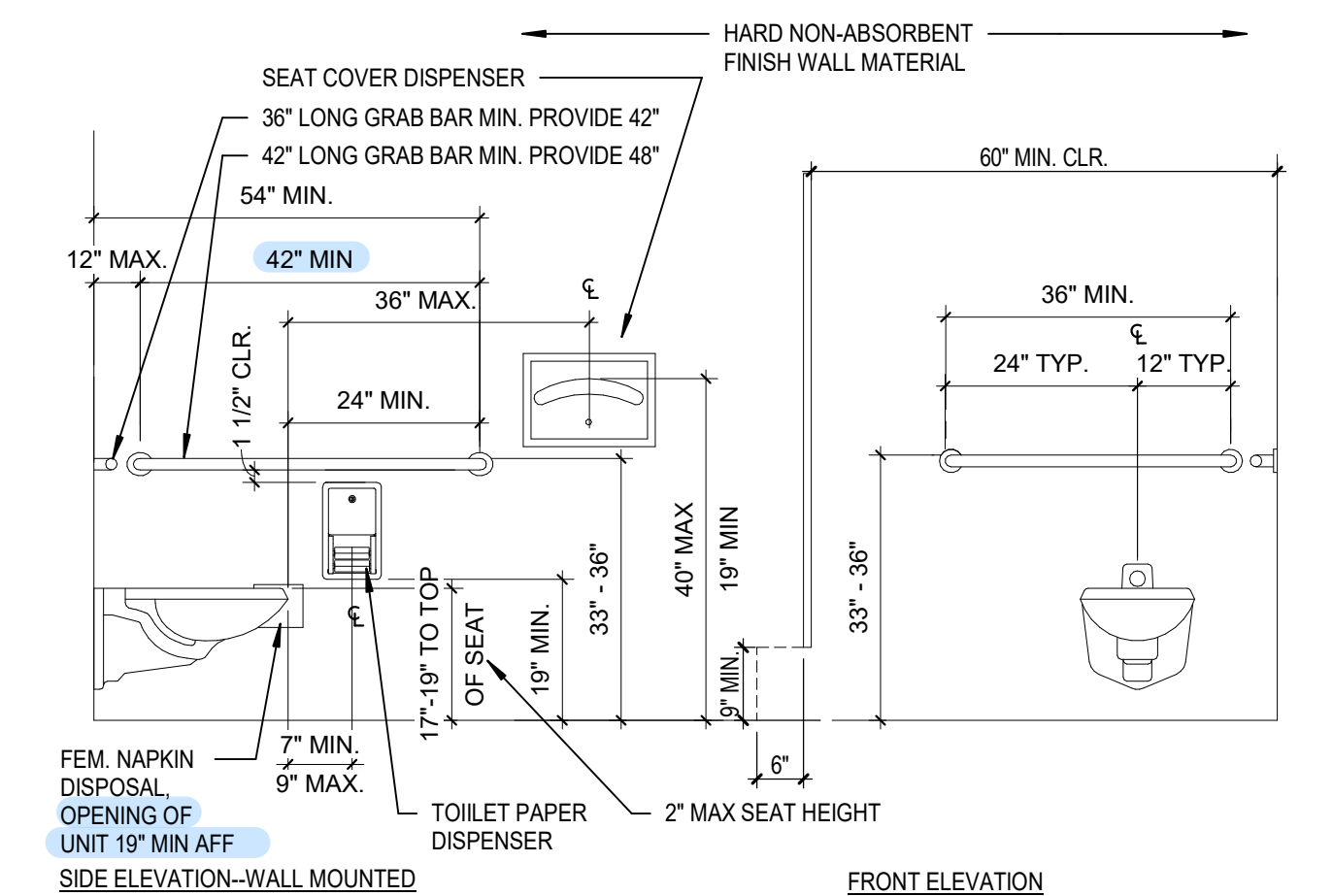
**2 ACCESSIBLE WATER CLOSET CLEARANCES**  
 CP3.00 SCALE: 1/4" = 1'-0"



**1 MULTIPLE- ACCOMMODATION TOILET FACILITIES, TYP CLEARANCES**  
 CP3.00 SCALE: 1/4" = 1'-0"



**9 DOOR CLEARANCES**  
 CP3.00 SCALE: 1/4" = 1'-0"

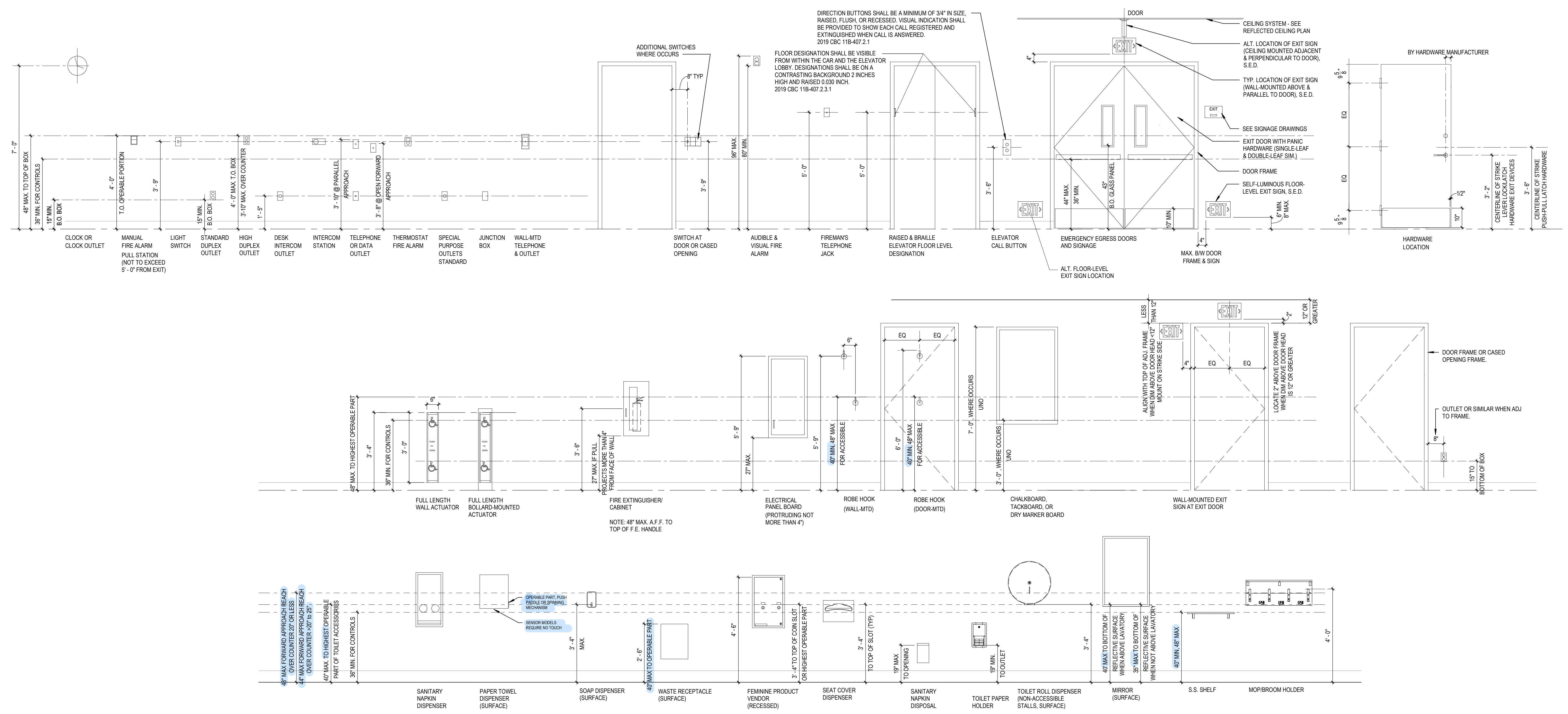


**5 ACCESSIBLE WATER CLOSET DIMENSIONS**  
 CP3.00 SCALE: 1/2" = 1'-0"

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- NOTES:
- IT IS THE INTENT OF THE DESIGN THAT ALL ITEMS SHOWN MOUNTED AT TYPICAL HEIGHTS BE ACCESSIBLE TO PERSONS WITH DISABILITIES, UNLESS NOTED OTHERWISE.
  - THE PURPOSE OF THIS SHEET IS TO ILLUSTRATE TYPICAL MOUNTING HEIGHTS, WHERE APPLICABLE, TYPICAL MINIMUM OR MAXIMUM CLEARANCES, AND/OR TYPICAL MOUNTING CONFIGURATIONS FOR A VARIETY OF ITEMS.
  - THE HEIGHTS, CLEARANCES, AND CONFIGURATIONS SHOWN ON THIS SHEET ARE TYPICAL AND SHALL APPLY TO ALL INSTANCES OF THE ITEM (OR GROUP OF ITEMS) SHOWN UNLESS SPECIFICALLY NOTED OR DIMENSIONED OTHERWISE. THE TYPICAL DIMENSIONS SHOWN ON THIS SHEET TAKE PRECEDENCE OVER TYPICAL DIMENSIONS SHOWN ON THE ELECTRICAL OR MECHANICAL DRAWINGS FOR THE MOUNTING OF ITEMS INSTALLED BY THE ELECTRICAL OR MECHANICAL TRADES.
  - SPECIAL OR NON-TYPICAL MOUNTING HEIGHTS OCCUR ONLY WHERE INDICATED BY ANNOTATED SYMBOLS, BY KEY NOTES, BY NOTES ON PLANS, ELEVATIONS, OR DETAILS, OR BY UNIQUE DIMENSIONS ON ELEVATIONS OR DETAILS.
  - FOR ADDITIONAL INFORMATION REGARDING THE PRECEDENCE OF DRAWINGS FOR DETERMINING THE EXACT LOCATION OF EACH EXPOSED PART OF THE WORK, REFER TO THE "ARCHITECTURAL GENERAL NOTES" AND TO THE "TYP RULES FOR DETERMINING MOUNTING HEIGHTS AND LOCATIONS" - SEE THE INDEX OF DRAWINGS FOR SHEET NUMBERS.
  - TYPICAL MOUNTING HEIGHTS FOR ADDITIONAL ITEMS NOT SHOWN ON THIS SHEET MAY BE ILLUSTRATED BY OTHER SHEETS. REFER TO THE INDEX OF DRAWINGS FOR ADDITIONAL INFORMATION.
  - MOUNTING CONFIGURATION DIAGRAMS ARE ELEVATIONS WHICH ILLUSTRATE TYPICAL RULES GOVERNING THE RELATIONSHIPS BETWEEN, AND PLACEMENT OF, ITEMS WHICH OCCUR IN GROUPS OF RELATED ITEMS (SUCH AS TOILET ACCESSORIES) OR IN CLOSE PROXIMITY TO OTHER PARTS OF THE WORK (SUCH AS SWITCHES AND DOOR FRAMES). UNLESS OTHER MOUNTING CONFIGURATIONS ARE SPECIFICALLY NOTED, DIMENSIONED, OR ELEVATED, THE TYPICAL RELATIONSHIPS, ARRANGEMENTS, AND DIMENSIONS SHOWN BY THE TYPICAL CONFIGURATION DIAGRAMS APPLY THROUGHOUT THE WORK OF THIS PROJECT.
  - TYPICAL MOUNTING CONFIGURATIONS FOR ADDITIONAL GROUPINGS NOT SHOWN ON THIS SHEET MAY BE SHOWN ON OTHER SHEETS. REFER TO THE INDEX OF DRAWINGS FOR ADDITIONAL INFORMATION.
  - MOUNTING HEIGHTS, DIMENSIONS, CLEARANCES, AND ACCESS REQUIREMENTS FOR TOILET ACCESSORIES SHOWN ON THIS SHEET ARE BASED UPON SPECIFIC MANUFACTURERS AND MODELS AS INDICATED BY THE "TOILET ACCESSORY SCHEDULE." WHEN SIMILAR ACCESSORIES OF OTHER SPECIFIED AND ACCEPTABLE MANUFACTURERS (IF ANY) ARE UTILIZED, MOUNTING HEIGHTS, DIMENSIONS, CLEARANCES, AND ACCESS REQUIREMENTS OF THE SIMILAR ACCESSORIES MAY VARY FROM THOSE SHOWN. WHEN SIMILAR ACCESSORIES ARE UTILIZED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION REQUIRED TO ACHIEVE THE SAME AESTHETIC AND FUNCTIONAL DESIGN INTENT ILLUSTRATED BY THAT SHOWN ON THE DRAWINGS.

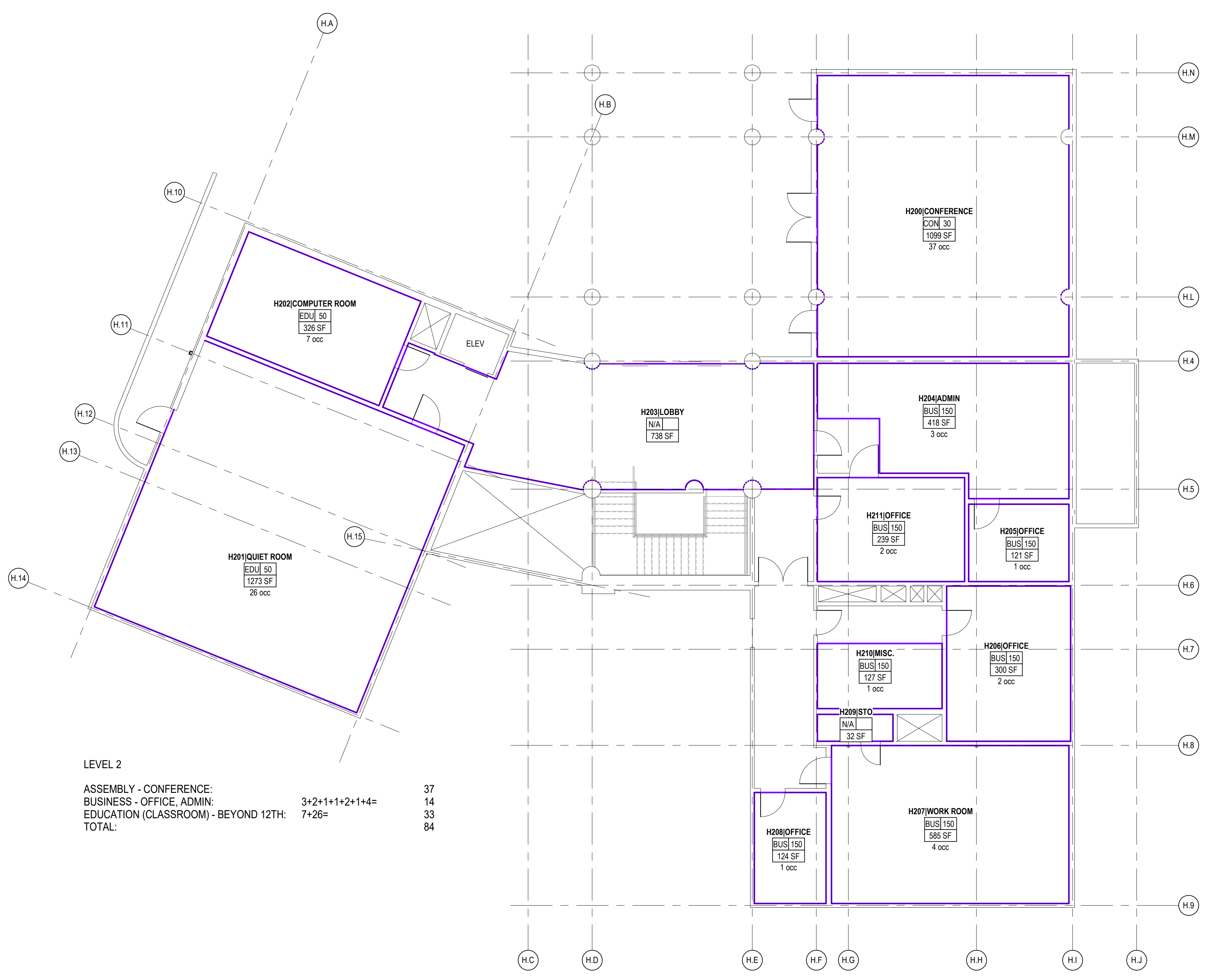


1 TYP. MOUNTING HEIGHTS  
 CP3.02 SCALE: 1/2" = 1'-0"



PLUMBING AREA SCHEDULE (ASF)

ROOM NO.	NAME	OCCUPANCY CPC TABLE 422.1	AREA	AREA CATEGORY CPC TABLE 4-1	PLUMBING OLF	Area Counts Toward Plumbing	ADJUSTED OCCS
H101	RECREATIONAL	A-3	1398 SF	ASSEMBLY - LOUNGE	30 SF	Yes	46
H102	UTILITY	B	33 SF	N/A		No	
H104	LOUNGE	B	220 SF	ASSEMBLY - LOUNGE	30 SF	Yes	8
H105	LOUNGE	B	227 SF	ASSEMBLY - LOUNGE	30 SF	Yes	8
H107	STORAGE	B	79 SF	N/A		No	
H108	JANITOR	B	79 SF	N/A		No	
H110	MECH/ELEC	B	155 SF	N/A		No	
H112	KITCHEN	B	373 SF	EDUCATION - BEYOND 12TH GRADE	50 SF	Yes	8
H113	HEALTH SERVICES	B	257 SF	BUSINESS - SERVICES	150 SF	Yes	2
H114	LOUNGE	B	591 SF	ASSEMBLY - LOUNGE	30 SF	Yes	20
H115	PANTRY	B	82 SF	N/A		No	
H116	STO	B	53 SF	N/A		No	
H120	TRASH	B	66 SF	N/A		No	
H151	OFFICE	B	69 SF	BUSINESS - OFFICE	150 SF	Yes	1
H152	OFFICE	B	61 SF	BUSINESS - OFFICE	150 SF	Yes	1
H153	OFFICE	B	66 SF	BUSINESS - OFFICE	150 SF	Yes	1
H200	CONFERENCE	A-3	1099 SF	ASSEMBLY - CONFERENCE	30 SF	Yes	37
H201	QUIET ROOM	B	1273 SF	EDUCATION - BEYOND 12TH GRADE	50 SF	Yes	26
H202	COMPUTER ROOM	B	326 SF	EDUCATION - BEYOND 12TH GRADE	50 SF	Yes	7
H203	LOBBY	B	738 SF	N/A		No	
H204	ADMIN	B	418 SF	BUSINESS - ADMIN	150 SF	Yes	3
H205	OFFICE	B	121 SF	BUSINESS - OFFICE	150 SF	Yes	1
H206	OFFICE	B	300 SF	BUSINESS - OFFICE	150 SF	Yes	2
H207	WORK ROOM	B	585 SF	BUSINESS - ADMIN	150 SF	Yes	4
H208	OFFICE	B	124 SF	BUSINESS - OFFICE	150 SF	Yes	1
H209	STO	B	32 SF	N/A		No	
H210	MISC.	B	127 SF	BUSINESS - ADMIN	150 SF	Yes	1
H211	OFFICE	B	239 SF	N/A	150 SF	Yes	2
Grand total: 28							179



LEVEL 2  
 ASSEMBLY - CONFERENCE: 37  
 BUSINESS - OFFICE, ADMIN: 14  
 EDUCATION (CLASSROOM) - BEYOND 12TH: 7+26=  
 TOTAL: 84

2 LEVEL 2 - PLUMBING AREAS  
 CP4.00 SCALE: 1/8" = 1'-0"



LEVEL 1  
 ASSEMBLY - LOUNGE: 20+8+8+46=  
 BUSINESS - OFFICE, ADMIN: 2+1+1+1=  
 EDU: 8  
 TOTAL: 85

1 LEVEL 1 - PLUMBING AREAS  
 CP4.00 SCALE: 1/8" = 1'-0"

STUDENT UNION  
 FIXTURE CALCULATIONS

USING MORE STRINGENT REQUIREMENT CALCULATIONS

A-3 OCCUPANCY		
TOTAL OCCUPANTS: 83 PERSONS		
FIXTURES REQUIRED		
WOMEN	3	
WC	1	
SINKS	1	
B OCCUPANCY		
TOTAL OCCUPANTS: 96 PERSONS		
FIXTURES REQUIRED		
WOMEN	4	
WC	2	
SINKS	2	
TOTAL FIXTURES (CURRENT)		
WC	7	7
URINAL	1	1
SINKS	3	5
TOTAL FIXTURES (PROPOSED)		
WC	7	8
URINAL	1	0
SINKS	3	5
GENDER INCLUSIVE		
WC	7 OR 8	8
SINKS	3	5

A-3 OCCUPANCY

TOTAL OCCUPANTS:	83	PERSONS
MEN	42	PERSONS
WOMEN	42	PERSONS
FIXTURES REQUIRED		
MEN	1	
WC	-	
URINAL	1	
SINKS	1	
WOMEN	2	
WC	2	
SINKS	1	
B OCCUPANCY		
TOTAL OCCUPANTS:	96	PERSONS
MEN	48	PERSONS
WOMEN	48	PERSONS
FIXTURES REQUIRED		
MEN	1	
WC	7	
URINAL	1	
SINKS	1	
WOMEN	3	
WC	3	
SINKS	1	
TOTAL FIXTURES (CURRENT)		
MEN/WOMEN	2/5	3/4
WC	1	2
URINAL	2	2/3
SINKS	2/2	
TOTAL FIXTURES (PROPOSED)		
MEN/WOMEN	2/5	4/4
WC	1	0
URINAL	2	2/3
SINKS	2/2	
GENDER INCLUSIVE		
WC	8	8
SINKS	4	5

B OCCUPANCY

TOTAL 94+99+179 OCC USING FEMALE COUNT (MORE STRINGENT)	
WC (101-200)	=8
LAV (151-200)	=3
WC - MALE (51-100)	=2
WC - FEMALE (51-100)	=4
U - MALE (1-100)	=1
LAV - MALE (75-150)	=2
LAV - FEMALE (51-100)	=2



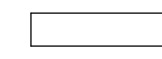
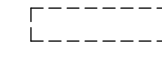




**DEMOLITION GENERAL NOTES**

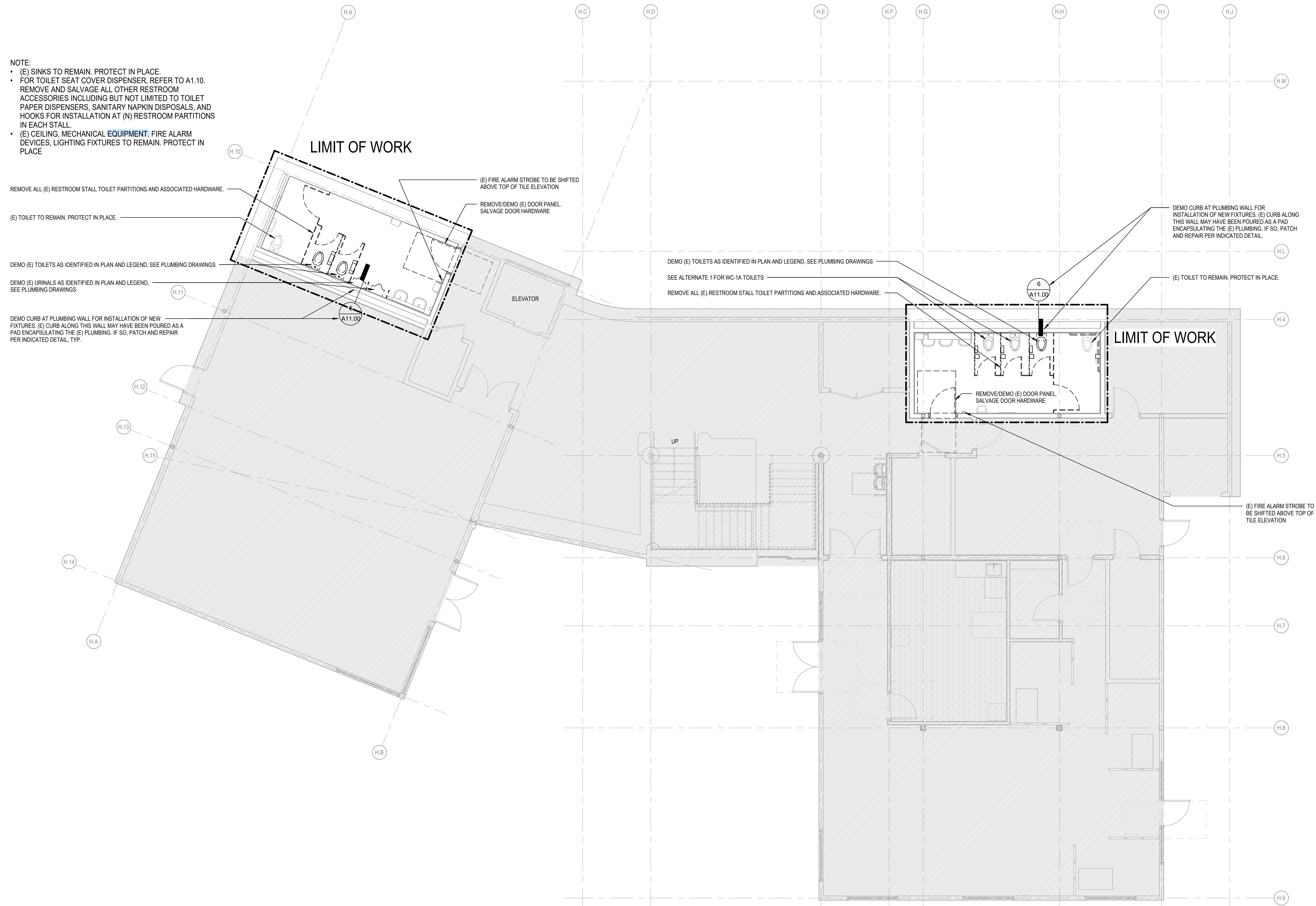
- DEMOLITION NOTES APPLY TO ALL DEMOLITION SHEETS, INCLUDING PLUMBING DEMOLITION SHEETS.  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING ITEMS:
- NO DEMOLITION SHALL BEGIN UNTIL PLANS, INCLUDING THE DEMOLITION WORK, HAVE BEEN APPROVED BY DSA.
  - COORDINATE ALL DEMOLITION AND PHASING EFFORTS WITH THE ARCHITECT AND OWNER'S REPRESENTATIVE. EVERY EFFORT SHALL BE MADE TO MINIMIZE DISRUPTION OF OWNER'S OPERATIONS. EXCESSIVE NOISE OR VIBRATION SHALL BE PRE-APPROVED AND COORDINATED WITH THE OWNER'S REPRESENTATIVE. IN ALL CASES, PROVISIONS SHALL BE MADE FOR USER'S SAFETY.
  - COORDINATE ANY DISRUPTION OF UTILITY SERVICES WITH THE OWNER AND AS SPECIFIED.
  - CONSTRUCT TEMPORARY CONSTRUCTION PARTITIONS WITHIN THE EXISTING BUILDING WHICH OFFER A ONE-HOUR ENCLOSURE TO ISOLATE ANY DEMOLITION/CONSTRUCTION WORK FROM THE GENERAL PUBLIC AND AS DEEMED NECESSARY BY THE OWNER AND CODE OFFICIAL HAVING JURISDICTION. COORDINATE LOCATIONS WITH THE OWNER AND MAINTAIN MEANS OF EGRESS THROUGHOUT THE WORK.
  - MAINTAIN A SECURE, WEATHER-TIGHT ENCLOSURE AT ALL TIMES.
  - VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
  - REMOVE ALL EXISTING WALLS, DOORS, MILLWORK, PLUMBING FIXTURES, CEILING, SOFFITS, MARKER/BARRIS, AND OTHER ITEMS, AS REQUIRED TO EXECUTE THE DEMOLITION/CONSTRUCTION WORK DESCRIBED BY THE DRAWINGS.
  - THE OWNER SHALL RESERVE THE RIGHT TO SALVAGE ANY MATERIALS.
  - PROVIDE PROTECTION FOR ALL EXISTING BUILDING MATERIALS AND EQUIPMENT FROM DAMAGE DUE TO ANY DEMOLITION OR CONSTRUCTION-RELATED INCIDENT PERFORMED UNDER THIS CONTRACT.
  - REPAIR OR REPLACE ITEMS THAT ARE DAMAGED AS A RESULT OF DEMOLITION OR CONSTRUCTION TO MATCH EXISTING FINISH AND/OR CONDITION.
  - EXISTING MATERIALS SHALL NOT BE REUSED UNLESS NOTED OTHERWISE OR AS AUTHORIZED BY ARCHITECT.
  - VERIFY AND MAINTAIN THE LOCATION OF EXISTING POWER, COMMUNICATION AND DATA CABLES TO PREVENT INTERRUPTION OF THEIR SERVICE.
  - PATCH FLOOR, WALL AND CEILING PENETRATIONS RESULTING FROM REMOVAL OR RE-ROUTING OF NEW OR EXISTING PIPING, DUCTWORK, CONDUIT, AND OTHER ITEMS, AS REQUIRED TO MAINTAIN FIRE-RESISTANCE-RATED SEPARATIONS. FINISH AS REQUIRED FOR NEW OR EXISTING ADJACENT SURFACES.
  - CAP ALL DISCONNECTED MECHANICAL AND PLUMBING PIPING LINES WITHIN THE WALL OR FLOOR. PATCH AND FINISH AS REQUIRED TO MATCH NEW OR EXISTING ADJACENT SURFACES.
  - SEE PLUMBING DRAWINGS AND DEMOLITION AND CONSTRUCTION NOTES ON A0.10 FOR FURTHER SCOPE OF WORK.
  - AVOID ANY DISTURBANCE OF SOILS WITHIN THE ZONE OF INFLUENCE AROUND EXISTING FOOTINGS AND FLOOR SLABS AS DIRECTED BY GEOTECHNICAL ENGINEER.
  - WHERE GYPSUM WALLS ARE INDICATED TO BE REMOVED, PREPARE ADJACENT WALLS TO RECEIVE NEW PATCH/FINISH BY SAWCUTTING ADJACENT GYP FINISH A MINIMUM OF 1'-0" BEYOND DEMOLITION.
  - DO NOT REMOVE OR DAMAGE EXISTING CONCRETE FOUNDATIONS. TYP. NOTE CURBS/PADS TO BE DEMOLISHED AT PLUMBING WALLS MAY EXTEND BEYOND WALL STUDS INTO CHASE. NOTIFY ARCHITECT IF SITE CONDITIONS CAUSE CONFLICTS PRIOR TO CONCRETE DEMOLITION.
  - PATCH AND REPAIR ALL AREAS THAT REQUIRE PARTIAL DEMOLITION TO COMPLETE WORK. PATCH AND REPAIR ALL AREAS THAT GET DAMAGED DURING CONSTRUCTION TO MATCH EXISTING OR ADJACENT AREAS.
  - RELOCATE EXISTING WIRED DEVICES ALONG A DEMOLISHED WALL, INCLUDING BUT NOT LIMITED TO FIRE ALARM PULL STATIONS, FIRE ALARM STROBES, EMERGENCY NOTIFICATION SYSTEMS, CAMPUS NOTIFICATION SYSTEMS, THERMOSTATS AND EXIT SIGNS. TO ADJACENT WALLS AND VERIFY FUNCTIONALITY. VERIFY DEVICES AND LOCATIONS WITH OWNER AND ARCHITECT.
  - COORDINATE DEMOLITION EFFORTS WITH BUILT CONSTRUCTION PER FLOOR PLANS AND DETAILS TO AVOID DEMOLITION BEYOND WHAT IS ESSENTIAL AND NECESSARY FOR SCOPE OF WORK.

**REFERENCE KEYNOTES**

NONE

**DEMO PLAN/RCP LEGEND**

-  EXISTING TO REMAIN
-  ELEMENTS TO DEMOLISH/REMOVE
-  ADDITIONAL DEMOLITION AREAS
-  NOT IN SCOPE
-  LIMIT OF WORK (AREA OF ALTERATION OF EACH ROOM AS IT PERTAINS TO EACH DRAWING)
-  FLOOR FINISH TO BE REMOVED



**NOTE:**

- (E) SINKS TO REMAIN. PROTECT IN PLACE.
- FOR TOILET SEAT COVER DISPENSER, REFER TO A1.10. REMOVE AND SALVAGE ALL OTHER RESTROOM ACCESSORIES INCLUDING BUT NOT LIMITED TO TOILET PAPER DISPENSERS, SANITARY NAPKIN DISPOSALS, AND HOOKS FOR INSTALLATION AT (N) RESTROOM PARTITIONS IN EACH STALL.
- (E) CEILING, MECHANICAL EQUIPMENT, FIRE ALARM DEVICES, LIGHTING FIXTURES TO REMAIN. PROTECT IN PLACE.

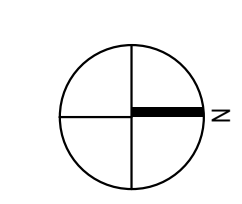
REMOVE ALL (E) RESTROOM STALL TOILET PARTITIONS AND ASSOCIATED HARDWARE.

(E) TOILET TO REMAIN, PROTECT IN PLACE.

DEMO (E) TOILETS AS IDENTIFIED IN PLAN AND LEGEND, SEE PLUMBING DRAWINGS.

DEMO (E) URINALS AS IDENTIFIED IN PLAN AND LEGEND, SEE PLUMBING DRAWINGS.

DEMO CURB AT PLUMBING WALL FOR INSTALLATION OF NEW FIXTURES. (E) CURB ALONG THIS WALL MAY HAVE BEEN POURED AS A PAD ENCAPSULATING THE (E) PLUMBING. IF SO, PATCH AND REPAIR PER INDICATED DETAIL, TYP.





**ROUGH CARPENTRY**

- WOOD SHALL BE DOUGLAS FIR LARCH NO. 2 OR BETTER UNLESS OTHERWISE NOTED.
- NAILING SHALL BE PER BUILDING CODE TABLE 2304.10.1 FASTENING SCHEDULE, UNLESS OTHERWISE NOTED.
- PROVIDE 2X6 STUDS AT 16" OC AT EXTERIOR WALLS AND 2X4 STUDS AT 16" OC AT INTERIOR WALLS UNO. STUDS SHALL HAVE FULL BEARING ON A 2" NOMINAL OR LARGER PLATE OR SILL WITH A WIDTH TO EQUAL OR EXCEEDING THE STUD WIDTH. TWO STUDS MINIMUM SHALL BE PROVIDED AT THE END OF ALL WALLS. PROVIDE ONE KING STUD AND ONE JACK STUD EACH SIDE OF EA. OPENING. MIN. SEE TYPICAL DETAILS FOR ADDITIONAL OPENING REQUIREMENTS.
- BEARING WALL STUDS SHALL LINE UP WITH JOIST/TRUSS FRAMING SYSTEM ABOVE. WHERE WALL STUDS ARE LONGER THAN 10 FEET FROM TOP OF BOTTOM PLATE TO UNDERSIDE OF TOP PLATES, PROVIDE WOOD BLOCKING TO ACT AS FIRE BLOCKING AT MID-HEIGHT OF WALLS. PER IBC 718.2.2, BLOCKING SHALL BE 2" THICK NOMINAL AND MATCH THE WIDTH OF THE WALLS.
- SIMPSON HARDWARE OR EQUAL SHALL BE USED AT ALL WOOD-TO-WOOD CONNECTIONS UNLESS OTHERWISE NOTED. ALL NAIL HOLES IN JOIST HANGERS AND MISCELLANEOUS FRAMING ANCHORS SHALL BE FILLED WITH NAILS PER MANUFACTURER'S PUBLISHED NAIL SIZES. ALL CONNECTORS USED WITH TREATED LUMBER SHALL BE PROTECTED WITH ZMA+HDD GALVANIZING OR EQUAL AND FASTENERS SHALL BE GALVANIZED PER ASTM A153.
- LAY ALL SHEATHING WITH GRAIN PERPENDICULAR TO SUPPORTS UNO.
- WOOD STRUCTURAL PANEL ROOF SHEATHING SHALL BE C-D EXPOSURE 1-APA W/ EXTERIOR GLUE, 1932 INCH THICK (UNO) WITH A SPAN RATING OF 4020.
- WOOD STRUCTURAL PANEL FLOOR SHEATHING SHALL BE APA RATED STURD-FLOOR, EXPOSURE 1, 1932" THICK (UNO) WITH SPAN RATING OF 4824 AND TONGUE AND GROOVE EDGES.
- WOOD STRUCTURAL PANEL WALL SHEATHING AND NAILING SHALL BE AS SHOWN ON THE SHEAR WALL SCHEDULE.
- DO NOT NOTCH OR DRILL JOISTS, BEAMS, OR LOAD BEARING STUDS WITHOUT PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
- WOOD SILL PLATE SHALL BE BOLTED TO FOUNDATIONS WITH 5/8" DIAMETER A307 ANCHOR BOLTS AT 4'0" O.C. UNLESS NOTED OTHERWISE. ANCHOR BOLTS SHALL BE PLACED AT ALL JAMBS, CORNERS, INTERSECTIONS, AND WALL ENDS. PROVIDE MINIMUM OF TWO BOLTS PER LENGTH OF SILL PLATE. PROVIDE AN OVERSIZED GALVANIZED WASHER FOR EACH ANCHOR BOLT.
- ALL FOUNDATION PLATES OR SILLS AND SLEEPERS IN CONTACT WITH CONCRETE OR MASONRY SHALL BE TREATED OR DECAY RESISTANT WOOD AND MARKED OR BRANDED BY AN APPROVED AGENCY. WOOD TREATMENT SHALL BE OF TYPE NOT DETRIMENTAL TO GALVANIZED FASTENERS.
- PROVIDE 1X3 OR METAL CROSS BRIDGING AT MIDSPAN OF ALL JOISTS SPANNING 16 FEET OR LESS. AT LONGER SPANS, PROVIDE CROSS BRIDGING AT 8 FEET ON CENTER.
- ALL BOLTS IN WOOD FRAMING SHALL CONFORM TO ASTM A307. BOLTS SHALL BE INSTALLED WITH STEEL WASHERS. ALL BOLTS SHALL HAVE EITHER LOCK WASHERS OR SELF LOCKING NUTS. BOLT HOLES SHALL BE STANDARD SIZE UNO.
- ALL FASTENERS (ANCHOR BOLTS, NAILS, SCREWS, AND PLATES) IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE HOT DIPPED GALVANIZED, INCLUDING SHEAR WALL EDGE NAILING.
- FRAMING SHALL HAVE LESS THAN 19% MOISTURE CONTENT AT THE TIME OF INSTALLATION. SILL PLATES, TOP PLATES, AND MEMBERS NOTED "MC 17" SHALL HAVE LESS THAN 15% MOISTURE CONTENT AT TIME OF INSTALLATION (MC 15, KD 15).
- ALL LUMBER USED IN AN EXTERIOR APPLICATION, SUCH AS TRELLIS LUMBER, SHALL BE PRESERVATIVE TREATED.
- NON-BEARING WALLS NOT INDICATED AS SHEARWALLS AT THE SECOND FLOOR SHALL HAVE 5/8" DIAMETER HILTI HUS-EZ SCREW ANCHORS @ 72" OC ALONG SILL PLATE WITH 5" EMBEDMENT.
- NAIL SPACING AND EDGE DISTANCES SHALL NOT BE LESS THAN 4D.

**EXISTING CONDITIONS**

- CONTRACTOR IS TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING. ALL WORK AND MATERIALS NECESSARY TO INSTALL NEW WORK IN EXISTING BUILDING(S) SHALL BE INCLUDED.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AND SHALL CONTACT THE ENGINEER IF ANY DISCREPANCIES ARE FOUND OR PROCEEDING. NOTIFY ENGINEER IMMEDIATELY IF EXISTING CONDITIONS DO NOT MATCH, OR SEEM IN CONFLICT WITH, INFORMATION SHOWN ON DRAWINGS.
- DIMENSIONS INDICATED ON PLAN AS FIELD VERIFY, OR "FV", ARE DIMENSIONS THAT MAY BE REQUIRED FOR FABRICATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF DIMENSIONS IN THE FIELD NECESSARY FOR FABRICATION OF MEMBERS AND PRIOR TO SUBMISSION OF SHOP DRAWINGS.
- CONTRACTOR TO PROVIDE PROTECTION FOR ALL EXISTING BUILDING MATERIALS AND EQUIPMENT TO REMAIN FROM DAMAGE DUE TO DEMOLITION OR CONSTRUCTION OPERATIONS PERFORMED UNDER THIS CONTRACT.
- THE SEQUENCE OF CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL TEMPORARY GUYS, BRACING, AND OTHER SUPPORTS AS NEEDED TO SAFELY RESIST ALL GRAVITY AND LATERAL LOADS TO WHICH THE EXISTING OR PROPOSED STRUCTURE MAY BE SUBJECTED, INCLUDING LOADS FROM ERECTION EQUIPMENT AND ERECTION OPERATIONS, AND WIND OR SEISMIC FORCES COMPARABLE IN INTENSITY FOR WHICH THE STRUCTURE IS DESIGNED. LOAD VERIFICATION OF EXISTING MEMBERS TO RECEIVE TEMPORARY SHORING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR'S ENGINEER.
- ALL ERECTION AND CONSTRUCTION PROCEDURES SHALL MEET THE REQUIREMENTS OF ALL APPLICABLE CODES AND ORDINANCES.
- ALL FRAMING CONNECTIONS TO EXISTING STRUCTURE SHALL BE FIELD VERIFIED PRIOR TO SHOP DRAWING PRODUCTION AND FABRICATION. FIELD VERIFIED DIMENSIONS SHALL BE INCLUDED ON FIRST SHOP DRAWING SUBMITTAL AND NOTED AS SUCH.
- CONTRACTOR SHALL LOCATE REBAR IN EXIST. CONSTRUCTION PRIOR TO DRILLING OF HOLES AND SHALL TAKE CARE NOT TO DAMAGE EXIST. BARS. IF DAMAGE TO EXIST. REBAR OCCURS DURING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING THE DAMAGE. REPAIR PROCEDURES NOT DETAILED IN THE CONTRACT DOCUMENTS WILL REQUIRE PREPARATION BY A QUALIFIED PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED AND MUST BE APPROVED BY THE ENGINEER.

**POST-INSTALLED ANCHORS**

- POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED.
- CONTRACTOR SHALL OBTAIN APPROVAL FROM ENGINEER OF RECORD PRIOR TO USING POST-INSTALLED ANCHORS FOR MISSING, DAMAGED OR MISPLACED CAST-IN-PLACE ANCHORS.
- CARE SHALL BE GIVEN TO AVOID CONFLICTS WITH EXISTING REBAR WHEN DRILLING HOLES. HOLES SHALL BE DRILLED AND CLEANED PER THE MANUFACTURER'S INSTRUCTIONS.
- MAINTAIN A MINIMUM OF 2 INCHES FROM EXISTING REINFORCEMENT, CONDUIT, POST-TENSIONING (WHERE OCCURS), ETC. USE NON-DESTRUCTIVE TESTING TO LOCATE PRIOR TO DRILLING, CORING OR SHOOTING PINS INTO THE EXISTING CONCRETE OR MASONRY. FOR INSTALLATION DEEPER THAN 3 INCHES USE GROUND PENETRATING RADAR OR X-RAY METHODS.
- ALL ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS, MANUFACTURER'S RECOMMENDATIONS AND ALL APPLICABLE ICC-ES REPORTS, INCLUDING, BUT NOT LIMITED TO, ALL ANCHOR SPACINGS, EMBEDMENTS AND EDGE DISTANCES.
- SUBSTITUTION REQUESTS FOR ALTERNATE PRODUCTS MUST BE APPROVED IN WRITING BY THE ENGINEER PRIOR TO USE. CONTRACTOR SHALL PROVIDE CALCULATIONS DEMONSTRATING THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING THE PERFORMANCE VALUES OF THE SPECIFIED PRODUCT. SUBSTITUTIONS WILL BE EVALUATED BY HAVING AN ICC ESR SHOWING COMPLIANCE WITH THE BUILDING CODE FOR SEISMIC USES, LOAD RESISTANCE, INSTALLATION CATEGORY, AND AVAILABILITY OF COMPREHENSIVE INSTALLATION INSTRUCTIONS. ADHESIVE ANCHOR EVALUATION WILL ALSO CONSIDER CREEP, IN-SERVICE AND INSTALLATION TEMPERATURES.
- EMBEDMENT REFERS TO THE FINAL, INSTALLED EFFECTIVE DEPTH "H". ALL ANCHORS SHALL HAVE EMBEDMENT NOTED OR EMBEDMENT AS RECOMMENDED BY MANUFACTURER WHERE NO EMBEDMENT IS SHOWN. REQUIRED ANCHOR HOLE DEPTH FOR INSTALLATION MAY BE DEEPER.
- IF THE FULL ANCHOR EMBEDMENT DEPTH, SPACING OR EDGE DISTANCE CANNOT BE ACHIEVED, NOTIFY THE ENGINEER. ALL PERSONNEL INSTALLING POST-INSTALLED ANCHORS SHALL BE TRAINED BY THE MANUFACTURER ON PROPER INSTALLATION TECHNIQUE. TRAINING DOCUMENTATION FROM THE MANUFACTURER SHALL BE AVAILABLE UPON REQUEST.
- EXPANSION BOLTS IN CONCRETE SHALL BE THE FOLLOWING:  
A. HILTI KWIK-BOLT T2Z CONCRETE ANCHORS (ICC ESR-4266)

**CAST-IN-PLACE CONCRETE MIX DESIGNS**

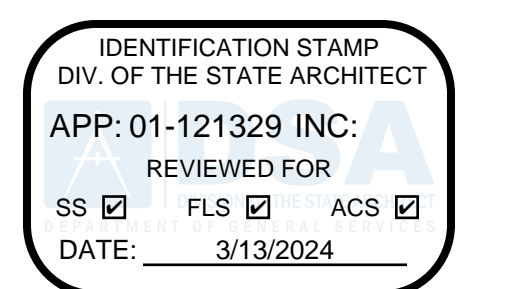
- THE CONCRETE MIX TABLE SHOWN BELOW SHALL APPLY TO ALL CONCRETE MIX DESIGNS USED FOR STRUCTURAL ITEMS IN THIS PROJECT. MIX DESIGN SUBMITTALS SHALL BE IDENTIFIED FOR INTENDED STRUCTURAL USE AND SUBMITTED TO THE OWNER'S REPRESENTATIVE AND ENGINEER FOR REVIEW PRIOR TO PLACING ANY CONCRETE. WHEN CONCRETE MIX DESIGNS ARE A DELEGATED DESIGN ITEM, THE SUBMITTED MIX DESIGN SHALL BEAR THE SEAL AND SIGNATURE OF THE ENGINEER RESPONSIBLE FOR THEIR DESIGN.

CONCRETE MIX DESIGNS							
PLACEMENT LOCATION	28 DAY Fc (psi)	MAX W/C RATIO	ENTRAINED AIR	MAX AGGREGATE SIZE	WEIGHT	FLY ASH CONTENT	EXPOSURE CLASS
ALL CONCRETE UNO	4,000	0.50	—	1"	NWC	15-25%	F0

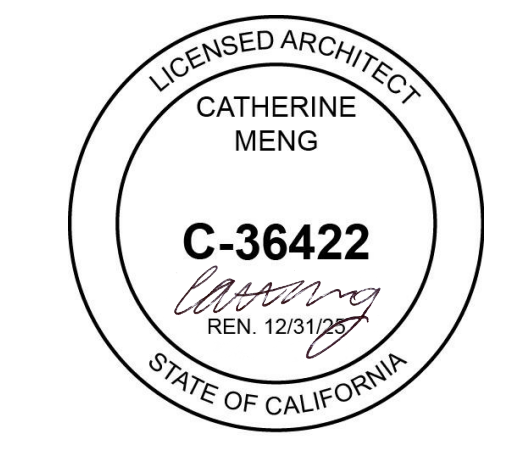
- SCHEDULE CEMENT CONTENT IS THE MINIMUM TOTAL CEMENTITIOUS MATERIALS CONTENT INCLUDING PORTLAND CEMENT AND FLY ASH.
- FLY ASH SHALL CONFORM TO ASTM C618, TYPE F. PERCENTAGE SCHEDULED IS BY WEIGHT OF TOTAL CEMENTITIOUS MATERIAL, INCLUDING ASTM C150, C395, C345, AND C157 CEMENT. DO NOT USE FLY ASH IF CONTENT WITHIN THE PERCENTAGES SHOWN CANNOT BE ACHIEVED.
- WATER-REDUCING ADMIXTURES CONFORMING TO ASTM C494 MAY BE INCORPORATED IN THE CONCRETE MIX DESIGNS AND BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. CALCIUM CHLORIDE OR OTHER WATER-SOLUBLE CHLORIDE ADMIXTURES SHALL NOT BE USED.
- AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260 SHALL BE USED IN ALL CONCRETE MIXES FOR WORK THAT IS EXPOSED TO WEATHER. WHERE ENTRAINED AIR IS NOT SCHEDULED, DO NOT ALLOW THE AIR CONTENT OF SLABS TO EXCEED 3% NATURALLY. THE AMOUNT OF ENTRAINED AIR SHALL BE MEASURED IN THE FIELD AT THE DISCHARGE END OF THE PLACING HOSE.
- SCHEDULED SLUMP IS THE MAXIMUM ALLOWED AND SHALL BE ACHIEVED PRIOR TO ADDING ANY WATER-REDUCING ADMIXTURES OR PLASTICIZERS.
- LABORATORY TESTING WILL BE REQUIRED IN ACCORDANCE WITH ASTM C31. PERFORM COMPRESSION TEST PER ASTM C39; AIR CONTENT TEST PER ASTM C138 (GRAVIMETRIC METHOD), ASTM C173 (VOLUMETRIC METHOD), OR ASTM C231 (PRESSURE METHOD); SLUMP TEST PER ASTM C143.
- LABORATORY SHALL TEST THE NUMBER OF CYLINDERS SPECIFIED BELOW FOR EACH 100 CUBIC YARDS OR FRACTION THEREOF:  
2 AT 7 DAYS FOR INFORMATION  
2 AT 28 DAYS FOR ACCEPTANCE  
1 ADDITIONAL TO HOLD IN RESERVE
- ALL REINFORCEMENT SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES IN CONFORMANCE WITH CRSI MANUAL OF STANDARD PRACTICE AND ACI 315 DURING CONCRETE PLACEMENT. REINFORCING PLACEMENT SHALL BE APPROVED BY THE ARCHITECT OR THEIR AUTHORIZED REPRESENTATIVE BEFORE CONCRETE IS PLACED.
- NO BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE SHALL BE FIELD BENT UNLESS SPECIFICALLY DETAILED AS SUCH OR APPROVED BY THE STRUCTURAL ENGINEER.
- REINFORCING BARS SHALL NOT BE WELDED OR TACK WELDED TO OTHER BARS OR TO PLATES, ANGLES, ETC. UNLESS SPECIFICALLY APPROVED BY THE ENGINEER. WELDING SHALL CONFORM TO THE REQUIREMENTS OF AWS D4. WELDING SHALL BE DONE BY AWS CERTIFIED WELDERS QUALIFIED FOR WELDS USING APPROVED ELECTRODES.
- CONCRETE COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:  
NOT FORMED, IN CONTACT WITH EARTH ALL ..... 3"  
FORMED, EXPOSED TO EARTH OR WEATHER #5 OR SMALLER ..... 1 1/2"  
#6 OR LARGER ..... 2"  
SLABS, WALLS, JOISTS NOT EXPOSED TO EARTH OR WEATHER OR IN CONTACT WITH GROUND #11 OR SMALLER ..... 1"  
ALL OTHER NOT EXPOSED TO EARTH OR WEATHER OR IN CONTACT WITH GROUND ALL ..... 1 1/2"

**REINFORCING STEEL**

- REINFORCING STEEL SHALL BE DETAILED, INCLUDING HOOKS AND BENDS, AND PLACED IN ACCORDANCE WITH ACI 315 AND ACI 318.
- REINFORCING STEEL SHALL CONFORM TO ASTM A-615 OR A-706, GRADE 60.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
- ALL REINFORCING SHALL MEET THE FOLLOWING REQUIREMENTS:  
A. THE ACTUAL YIELD STRENGTH BASED ON MILL TESTS SHALL NOT EXCEED THE SPECIFIED YIELD STRENGTH BY MORE THAN 18,000 PSI. RETESTS SHALL NOT EXCEED THIS VALUE BY MORE THAN AN ADDITIONAL 3,000 PSI.  
B. THE RATIO OF THE ACTUAL ULTIMATE TENSILE STRESS TO THE ACTUAL TENSILE YIELD STRENGTH SHALL NOT BE LESS THAN 1.25.
- ALL REINFORCING BAR BENDS SHALL BE MADE COLD. BARS SHALL NOT BE RE-BENT.
- REINFORCING SPLICES SHALL BE MADE AS INDICATED ON THE DRAWINGS.
- WELDED WIRE FABRIC SHALL BE LAPPED AT SPLICES SUCH THAT A MINIMUM OF THREE WIRES PARALLEL TO THE SPLICE ARE OVERLAPPED. SPLICES SHALL OVERLAP A MINIMUM OF 8 INCHES.
- DOWELS BETWEEN FOOTINGS AND WALLS OR COLUMNS SHALL BE THE SAME GRADE, SIZE AND SPACING AS THE VERTICAL REINFORCING, RESPECTIVELY, UNLESS OTHERWISE NOTED.
- PROVIDE #4 x 2'-2" DIAGONAL BAR AT ALL REINFRANT CORNERS OF CONCRETE SLABS AT GRADE AND SLABS ON METAL DECK.
- NO BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE SHALL BE FIELD BENT UNLESS SPECIFICALLY SO DETAILED AND REVIEWED BY THE STRUCTURAL ENGINEER.
- WELDING OF REINFORCEMENT SHALL CONFORM TO THE 2018 EDITION OF AWS D4 "STRUCTURAL WELDING CODE - REINFORCING STEEL". WELDED CONNECTIONS NOT SPECIFIED ON THE PLANS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER.
- REINFORCING TO BE WELDED SHALL CONFORM TO ASTM A-706.
- REINFORCEMENT SHALL BE SECURELY TIED IN PLACE PRIOR TO THE PLACEMENT OF CONCRETE OR GROUT.
- REINFORCING STEEL PROJECTING FROM THE CONCRETE OR MASONRY AND CONNECTING DIRECTLY TO STRUCTURAL STEEL, WHERE DIMENSIONAL CONTROL IS CRITICAL OR WHERE SPECIFICALLY NOTED ON THE PLAN SHALL BE TREADED AS AN ANCHOR ROD AND SHALL CONFORM TO THE TOLERANCES SPECIFIED IN SECTION 7.5 OF AISC 303-16 "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES".
- REINFORCING STEEL SHALL BE INSPECTED AS FOLLOWS:  
A. ALL REINFORCING STEEL SHALL BE PROPERLY IDENTIFIED BY THE DEPUTY INSPECTOR OR THE IOR AT THE TIME OF DELIVERY TO THE PROJECT SITE OR TO THE FABRICATOR'S SHOP.  
B. THE CONTRACTOR SHALL COORDINATE THE SCHEDULING OF THE INSPECTION OF MATERIAL WITH THE DELIVERY OF MATERIAL (SITE OR FABRICATOR SHOP) OF A MINIMUM OF 24 HOURS IN ADVANCE.  
C. THE MATERIAL IS NOT TO BE UNLOADED UNTIL IT IS ACCEPTED.
- ACCEPTANCE OF MATERIAL:  
A. BOTH MILL CERTIFICATIONS(S) AND MILL TAG(S) MUST BE RECEIVED AT THE TIME OF THE DELIVERY OR INSPECTION.  
B. ALL ACCEPTED MATERIAL CA BE UNLOADED AD STORE IN THE PROPER MANNER.
- REJECTED MATERIAL:  
A. REINFORCING STEEL WILL BE REJECTED IF EITHER MILL CERTIFICATION(S) OR MILL TAG(S) ARE NOT RECEIVED AT THE TIME OF THE DELIVERY OR INSPECTION.  
B. ALL REJECTED MATERIAL SHALL NOT BE UNLOADED OR STORED ON THE PROJECT SITE.  
C. IF MATERIAL IS REJECTED, THE MATERIAL MAY BE TESTED AT THE CONTRACTOR'S EXPENSE. THE TESTING WILL BE DONE AT A RIVERSIDE COUNTY'S APPROVED FIRM ACCORDING TO THE ASTM 615 OR ASTM 706.



DSA APPROVAL STAMP



DSA APP: 01-121329  
DSA FILE: 07-C1

**DVC - Student Union Gender Inclusive Restroom**

CCOCD - Diablo Valley College  
321 GOLF CLUB ROAD  
PLEASANT HILL, CA 94523

DSA BACKCHECK SET

03/05/2024  
Revisions

DLR GROUP PROJECT NUMBER:  
75-24104-00

DEMOLITION AND CONSTRUCTION NOTES

**A0.10**








**GENERAL ARCHITECTURAL NOTES**

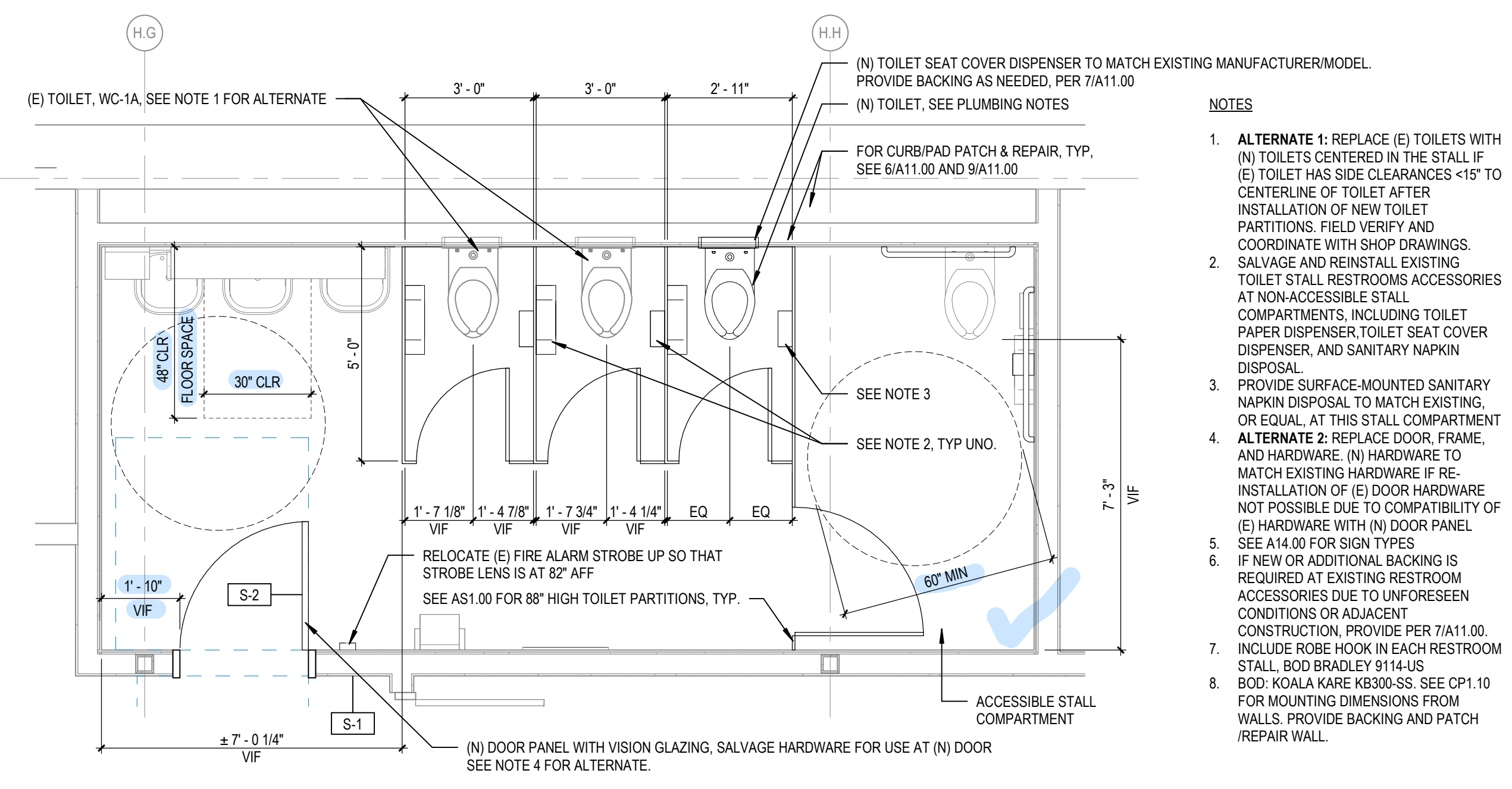
- SEE A0.10 FOR ALL STRUCTURAL NOTES TO USE IN CONJUNCTION WITH B.E.G.W.
- FOR ANY REPAIR AND PATCHING, ALL INTERIOR STUD WALLS SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE UNLESS NOTED OTHERWISE. SEE 9141.00 FOR SCOFFIT FRAMING AND REPAIR IF ADDITIONAL DEMOLITION IS REQUIRED TO INSTALL TOILET PARTITIONS.
- PROVISIONS SHALL BE MADE AT ALL FULL HEIGHT NON-BEARING WALLS FOR 1-INCH VERTICAL MOVEMENT OF THE BUILDING STRUCTURE WITHOUT TRANSFER OF COMPRESSIVE LOADS TO WALL. FILL IRREGULARITIES BETWEEN TOP OF WALL AND DECK ABOVE WITH MINERAL WOOL INSULATION OR FIRE STOPPING MATERIALS AS REQUIRED TO MEET FIRE RATING OF RESPECTIVE WALLS.
- FURNISH AND INSTALL FIRE-TREATED WOOD BLOCKING AT WOOD STUD PARTITIONS FOR THE PROPER ANCHORAGE OF ALL WALL ATTACHED ITEMS. I.E. TOILET PARTITIONS, TOILET ACCESSORIES, CASEWORK, MILLWORK, WALL-MOUNTED FIXTURES, DOOR STOPS, AUDIO VISUAL BRACKETS, DRINKING FOUNTAINS AND OTHER WALL ATTACHED ITEMS. SEE 9411.00 AND 7141.00 FOR BACKING PLATE REQUIREMENTS.
- FOR ANY REPAIR AND PATCHING, SCRIBE GYPSUM WALL BOARDS OR WALLS AND PARTITIONS TO IRREGULARITIES OF DECK OR FLOOR ABOVE. SEAL TIGHTLY AROUND ALL PENETRATIONS.
- WHERE FINISHES ARE NEEDED FOR PATCH AND REPAIR TO MATCH EXISTING, CONTRACTOR SHALL VERIFY PRODUCTS WITH OWNER AND ARCHITECT, INCLUDING BUT NOT LIMITED TO TILE, PAINT, AND TRIMS. CHECK WITH OWNER TO VERIFY IF NO EXISTING STOCK REMAINS.
- PATCH AND REPAIR ALL AREAS THAT REQUIRE PARTIAL TO COMPLETE WORK. PATCH AND REPAIR ALL AREAS THAT GET DAMAGED DURING CONSTRUCTION TO MATCH EXISTING OR ADJACENT AREAS, INCLUDING, BUT NOT LIMITED TO WALLS, CEILINGS, FINISHES, FLOORING AND PAINT, UNLESS OTHERWISE NOTED.
- VERIFY DOOR CLOSING SPEED IS 5 SECONDS MINIMUM FROM AN OPEN POSITION OF 90 DEGREES TO A POSITION OF 12 DEGREES FROM THE LATCH AND OPERATING FORCE IS LESS THAN 5PSF AT ALL DOORS WITHIN THE LIMIT OF WORK.
- TYPICAL DIMENSIONS ARE TAKEN FROM FACE OF FINISH (NEW AND EXISTING), GRIDLINES WHERE APPLICABLE. EDGES OF ELEMENTS AND CENTERLINES OF ELEMENTS. DIMENSIONS NOT FOLLOWING TYPICAL CONVENTIONS WILL BE NOTED OTHERWISE.
- SEE 9141.00 AND 9141.00 FOR CONCRETE REPAIR DETAILS AT PLUMBING DEMOLITION, WHICH APPLY TO ANY CURB/PAD CONDITION MODIFICATIONS REQUIRED TO COMPLETE WORK, INCLUDING CURBS THAT MAY ENCAPSULATE PLUMBING LINES. NOTE CURBS AT PLUMBING WALLS MAY EXTEND BEYOND WALL STUDS INTO CHASE.
- AT WET WALLS WHERE GYPSUM IS INSTALLED AT PLUMBING FIXTURES, PROVIDE MOLD-RESISTANT GYPSUM BOARD OR TILE BACKER, BOB, USG, FOR PATCH AND REPAIR. VERIFY WITH ARCHITECT.
- SEE A31.00 FOR BOB TOILET PARTITIONS AND SIMPLE SPECIFICATION FOR TILE PATCH AND REPAIR. PROVIDE COMPATIBLE GROUT FOR TILE APPLICATION, AS RECOMMENDED BY TILE MANUFACTURER.
- WHERE FIRE ALARM STROBES ARE SHIFTED UP FOR LENS TO BE AT ACCESSIBLE HEIGHT, (MIN 80", MAX 96"), VERIFY, CONFIRM, MAINTAIN AND/OR PROVIDE FUNCTIONALITY AND CONNECTION TO BUILDING FIRE ALARM SYSTEM.

**REFERENCE KEYNOTES**

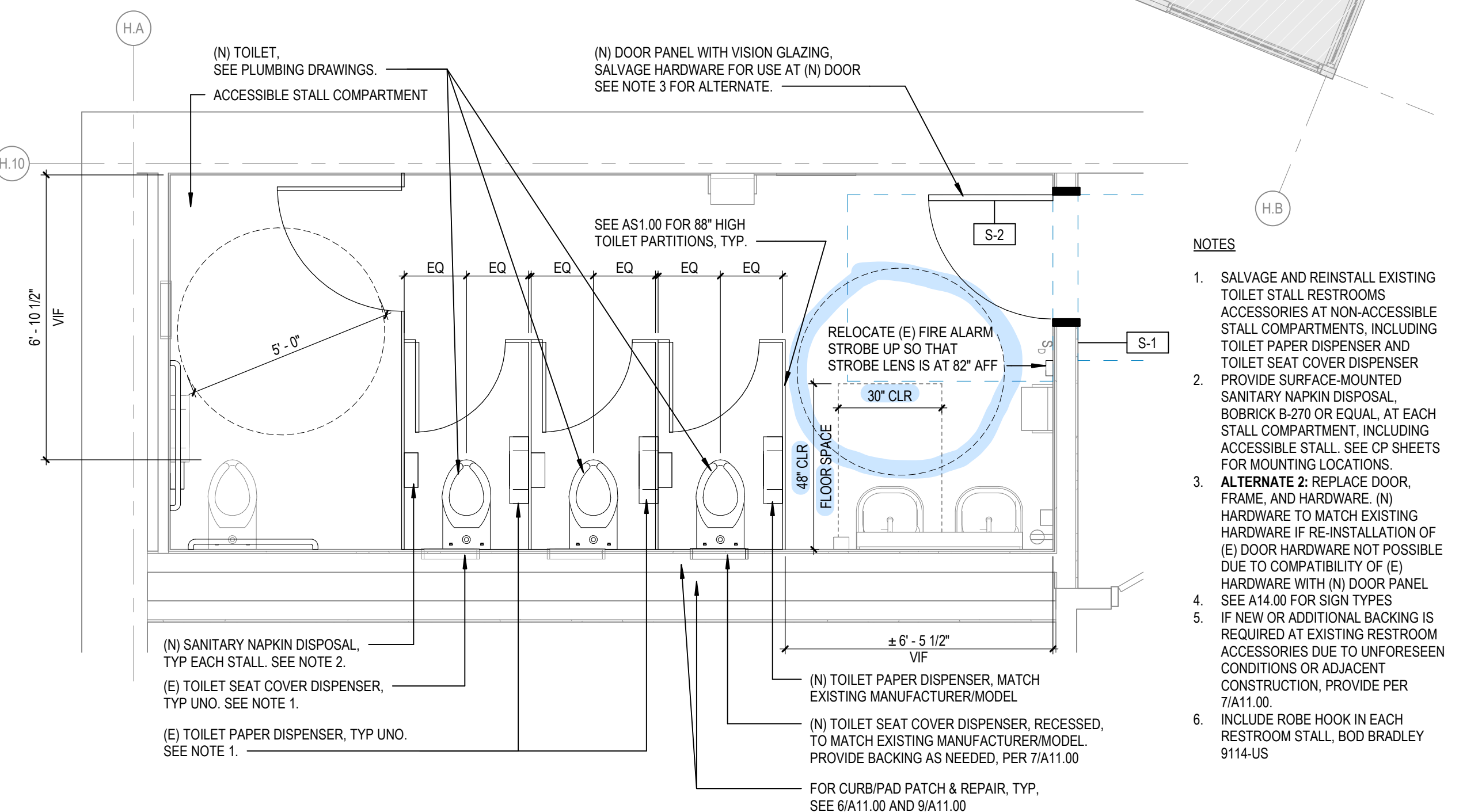
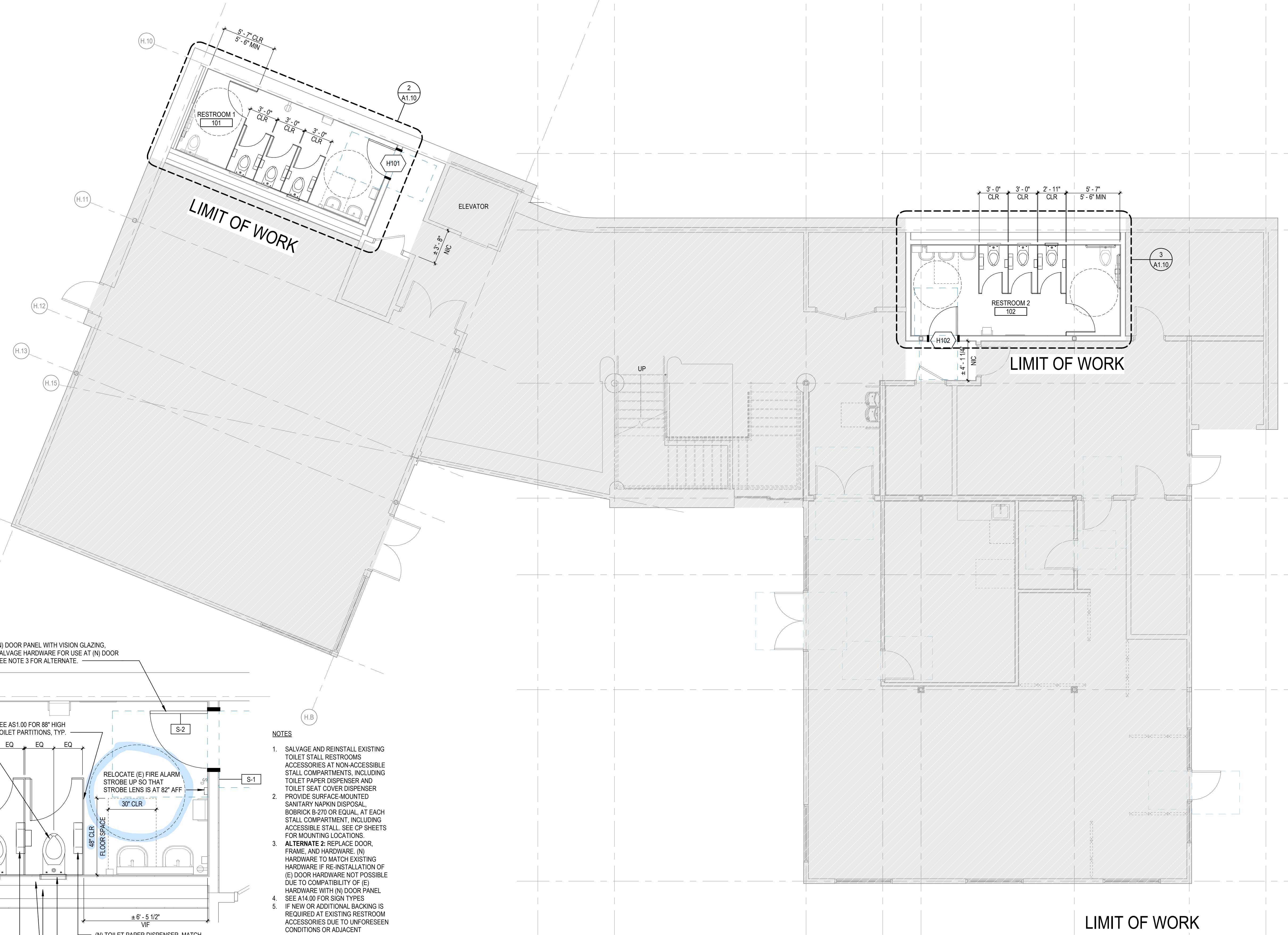
NONE

**PLAN LEGEND**

-  EXISTING WALLS
-  NEW WALLS
-  EXISTING 1-HR RATED WALLS
-  NOT IN SCOPE
-  LIMIT OF WORK (AREA OF ALTERATION OF EACH ROOM AS IT PERTAINS TO EACH DRAWING)



**3 ENLARGED PLAN - GENDER INCLUSIVE RESTROOM 2**  
 SCALE: 3/8" = 1'-0"

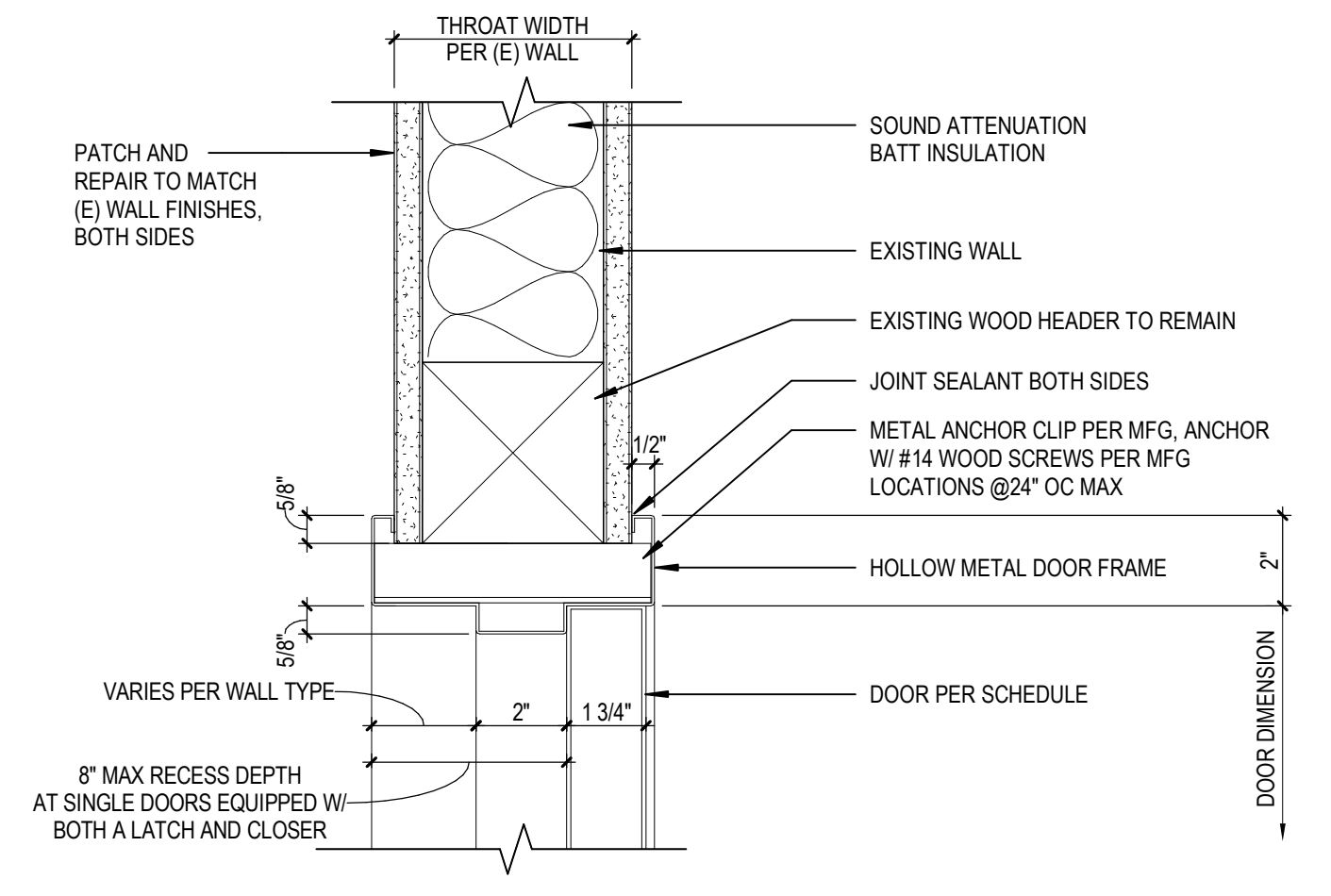


**2 ENLARGED PLAN - GENDER INCLUSIVE RESTROOM 1**  
 SCALE: 3/8" = 1'-0"

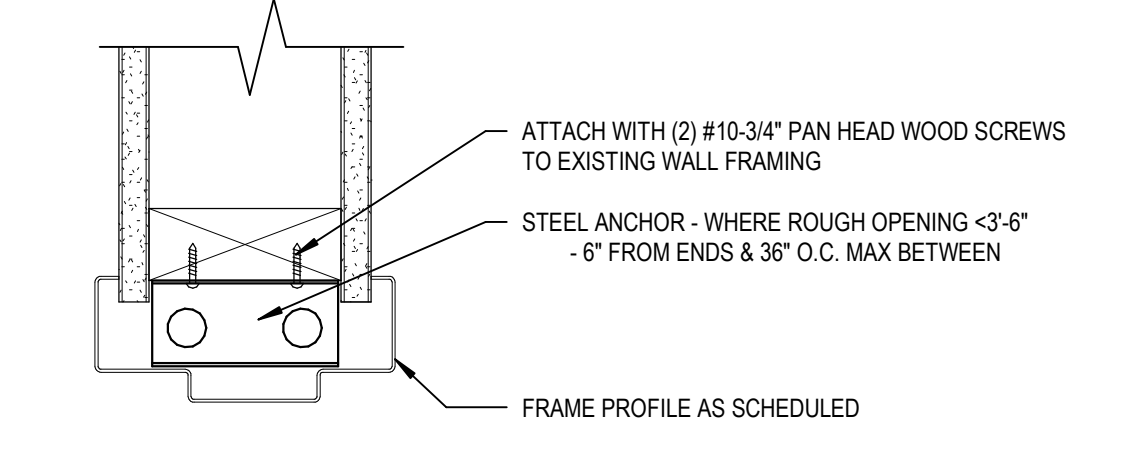
**1 STUDENT UNION BLDG - FLOOR PLAN - LEVEL 1**  
 SCALE: 3/16" = 1'-0"



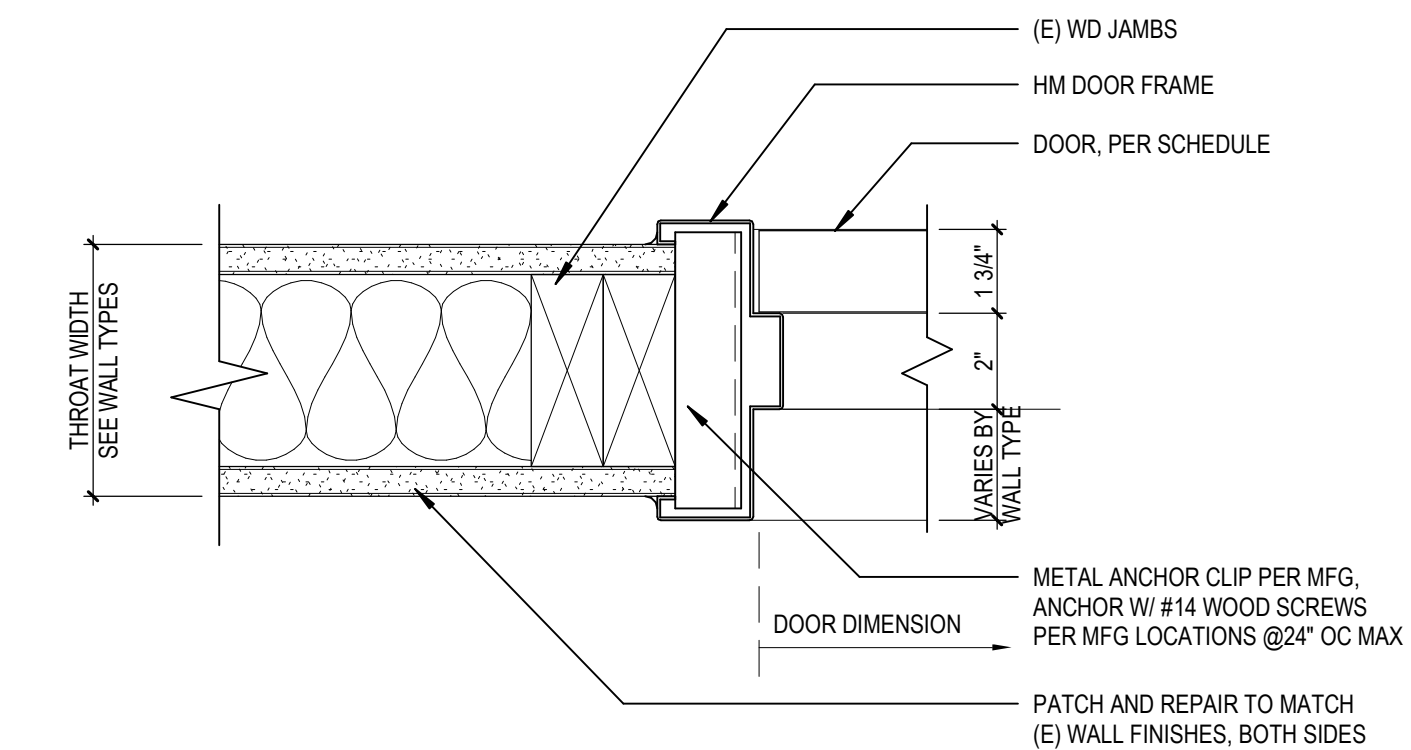
**SHEET NOTES**  
 • DETAILS ON THIS SHEET APPLY TO INSTALLATION OF DOOR FRAME.  
 1. SEE ALTERNATE 2.  
 • FIELD VERIFY DOOR, FRAME, AND OPENING CONDITIONS PRIOR TO COMMENCEMENT OF WORK. PROVIDE SUBMITTALS FOR ARCHITECT AND OWNER REVIEW, INCLUDING FOR DOOR AND GLAZING.  
 1. IF ALTERNATE 2 IS ACCEPTED, PROVIDE SUBMITTALS FOR DOOR FRAME AND DOOR HARDWARE AS WELL.



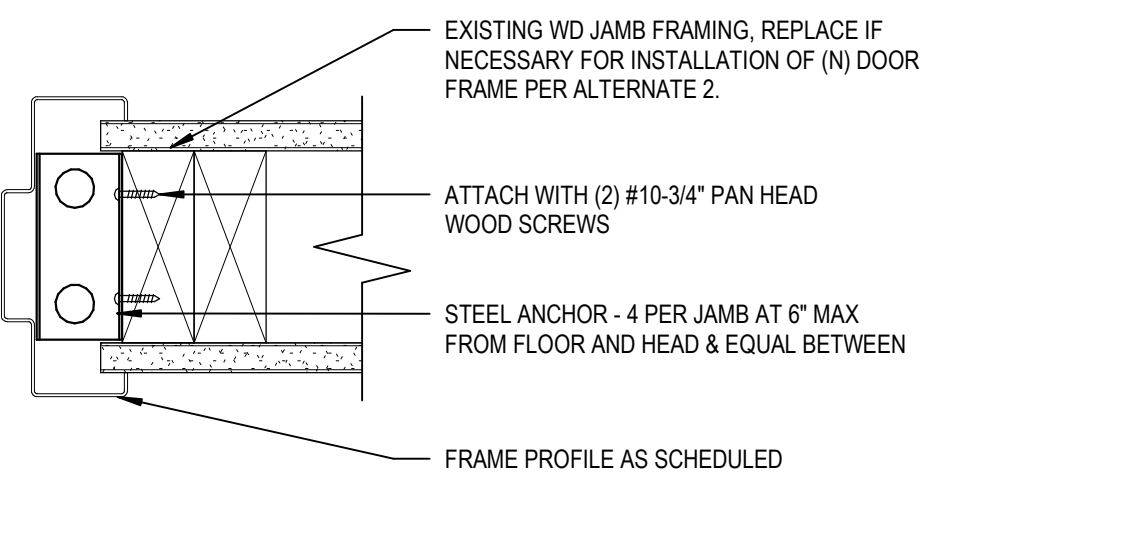
1 DETAIL - INT - DOOR - DOOR HEAD - INTERIOR - NON RATED  
 A8.00 SCALE: 3" = 1'-0"



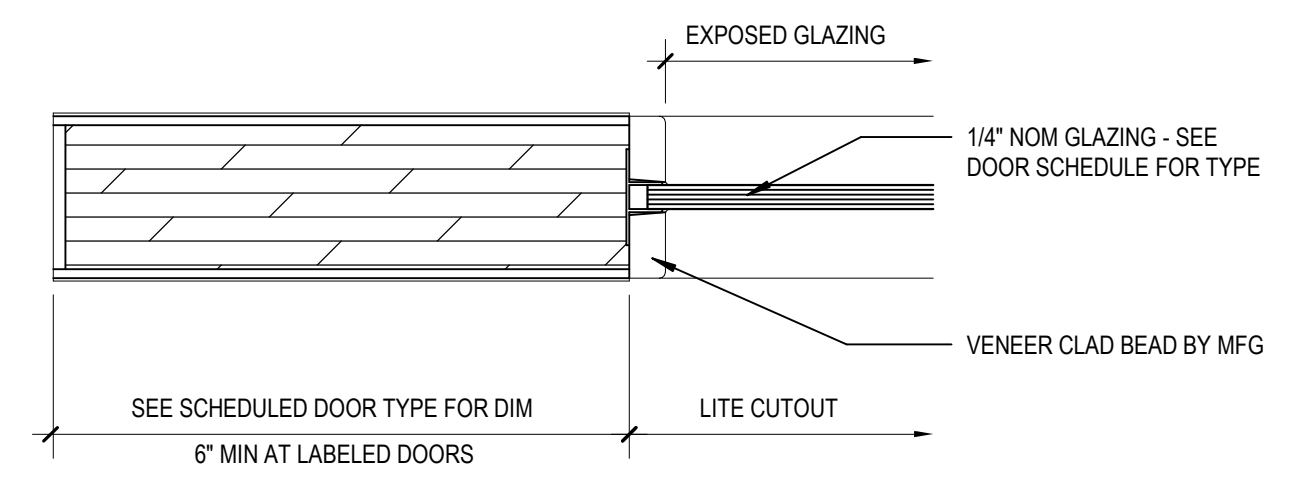
4 DETAIL - INT - DOOR - FRAME ATTACHMENT @ METAL FRAME OPENINGS - HEAD  
 A8.00 SCALE: 3" = 1'-0"



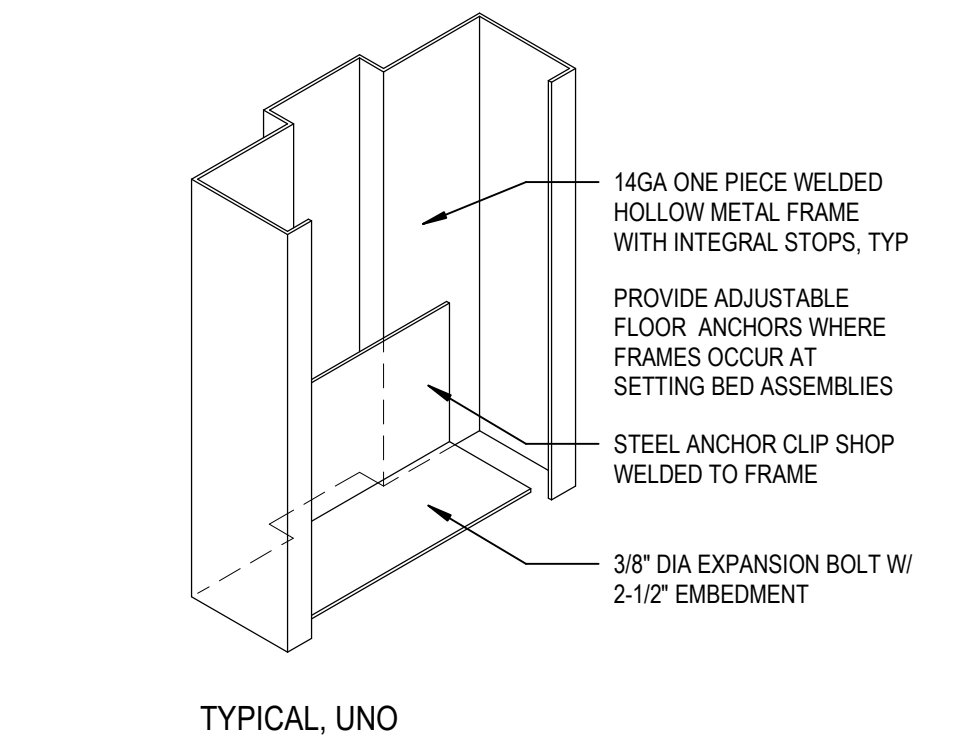
2 DETAIL - INT - DOOR - DOOR JAMB - INTERIOR - NON RATED  
 A8.00 SCALE: 3" = 1'-0"



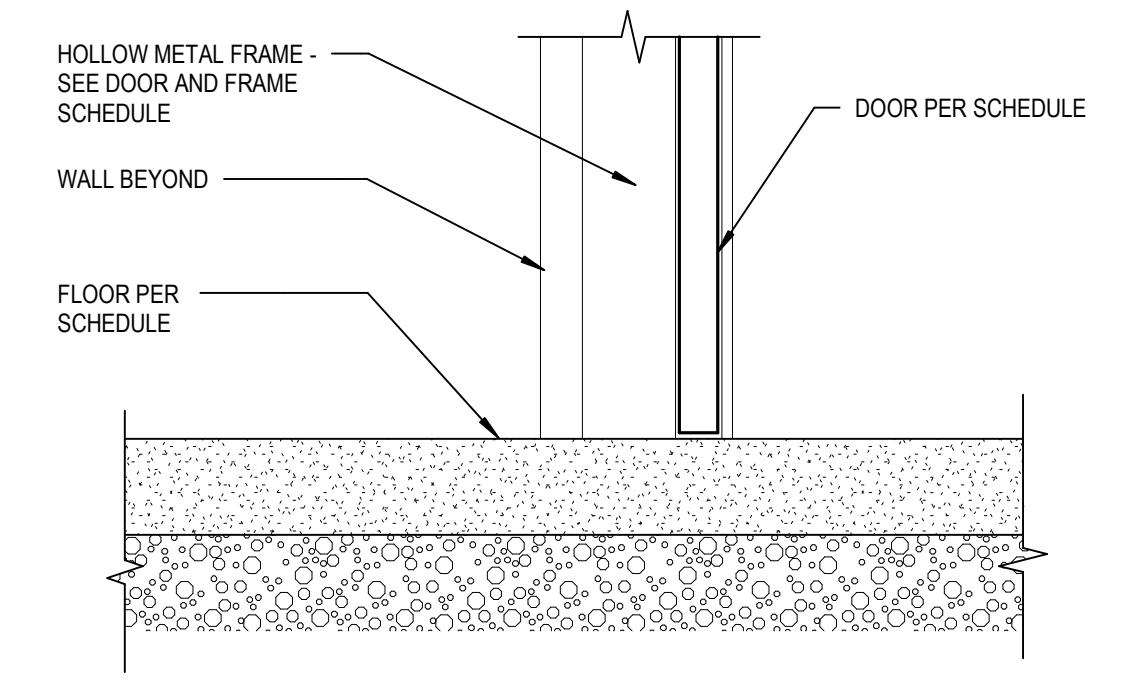
5 DETAIL - INT - DOOR - FRAME ATTACHMENT @ METAL FRAME OPENINGS - JAMB  
 A8.00 SCALE: 3" = 1'-0"



8 DOOR GLAZING - SOLID CORE WOOD  
 A8.00 SCALE: 6" = 1'-0"



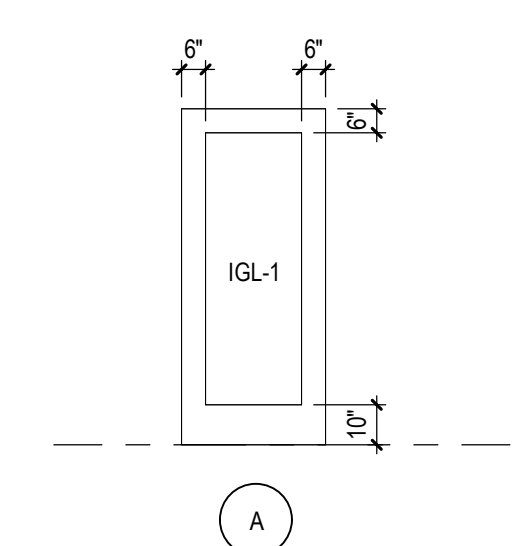
10 DETAIL - INT - DOOR - HOLLOW METAL FRAME - FLOOR ANCHOR  
 A8.00 SCALE: 3" = 1'-0"



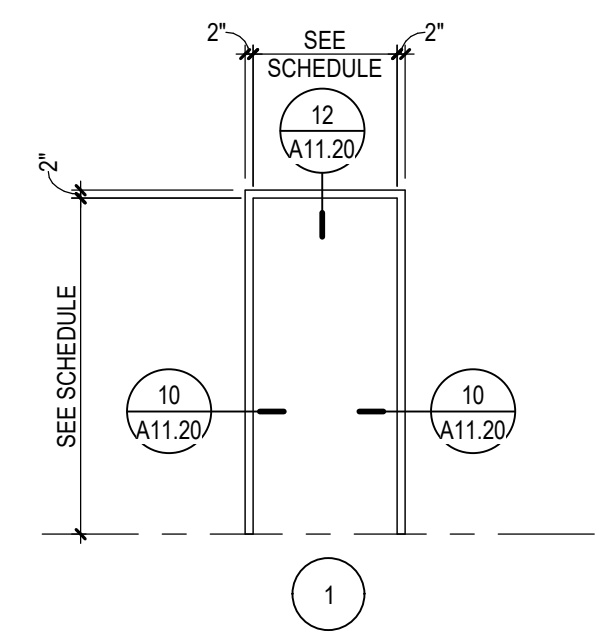
3 DETAIL - INT - DOOR - DOOR SILL - INTERIOR  
 A8.00 SCALE: 1 1/2" = 1'-0"

**GLAZING/LITE TYPE DESCRIPTIONS**

IGL-1 CLEAR, LAMINATED TEMPERED GLASS, INTERIOR. PROVIDE TWO LITES OF LAMINATED 3MM TEMPERED GLASS WITH .06 CLEAR INTERLAYER, BOD VIRACON.



DOOR PANEL TYPES

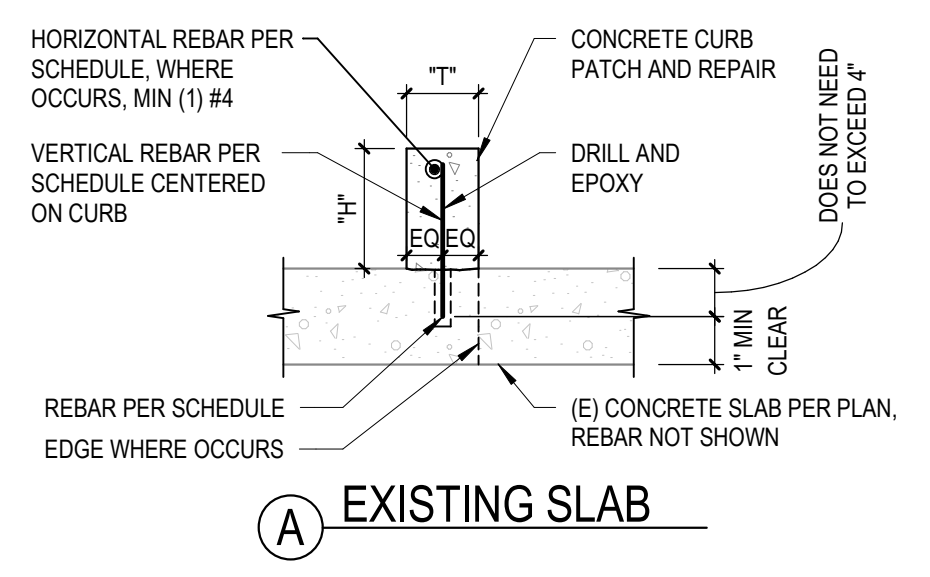


INTERIOR FRAME ELEVATIONS

NUMBER	NO. OF PANELS	PANEL			FRAME			FIRE RATING	HARDWARE SET	SPECS	COMMENTS			
		WIDTH	HEIGHT	THICKNESS	LITE MATERIAL	TYPE	MATERIAL					TYPE		
H101	1	3'-0" VIF. MATCH EXISTING	7'-0" VIF. MATCH EXISTING	1 3/4" VIF. MATCH EXISTING	WD	STAIN TO MATCH EXISTING	IGL-1	A	HM EXISTING, SEE ALTERNATE 2	1	NR	USE EXISTING OR PROVIDE NEW TO MATCH EXISTING	MASONITE BOD, MINIMUM STC 40, ACCEPTABLE EQUALS BY KRIESER AND CURRIES. PROVIDE GASKET/DOOR SWEEP COMPATIBLE WITH EXISTING THRESHOLD.	SEE ALTERNATE 2
H102	1	3'-0" VIF. MATCH EXISTING	7'-0" VIF. MATCH EXISTING	1 3/4" VIF. MATCH EXISTING	WD	STAIN TO MATCH EXISTING	IGL-1	A	HM EXISTING, SEE ALTERNATE 2	1	NR	USE EXISTING OR PROVIDE NEW TO MATCH EXISTING	MASONITE BOD, MINIMUM STC 40, ACCEPTABLE EQUALS BY KRIESER AND CURRIES. PROVIDE GASKET/DOOR SWEEP COMPATIBLE WITH EXISTING THRESHOLD.	SEE ALTERNATE 2



**SHEET NOTE:**  
UNLESS NOTED OTHERWISE,  
NAILING SHALL CONFORM TO  
CBC TABLE 2304.9.1.

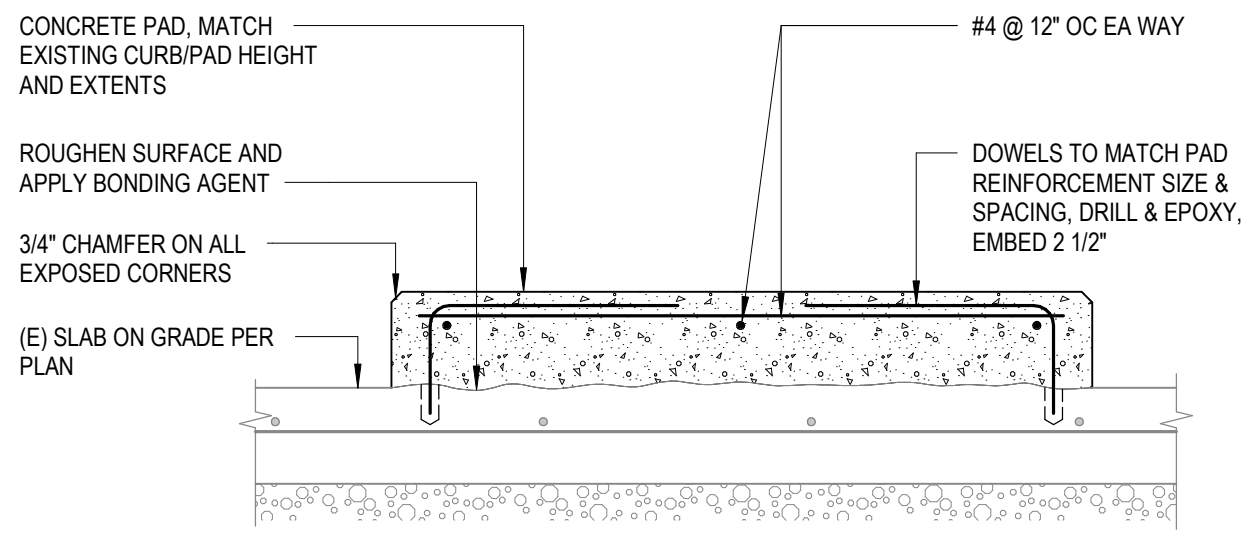


CURB SIZE AND REINF. SCHEDULE			
"H"	"T"	VERT.	HOR.
H=8"	4"x158"	#3 @ 18" O.C.	NA
8"x158"	6"x158"	#3 @ 18" O.C.	NA

**NOTES:**

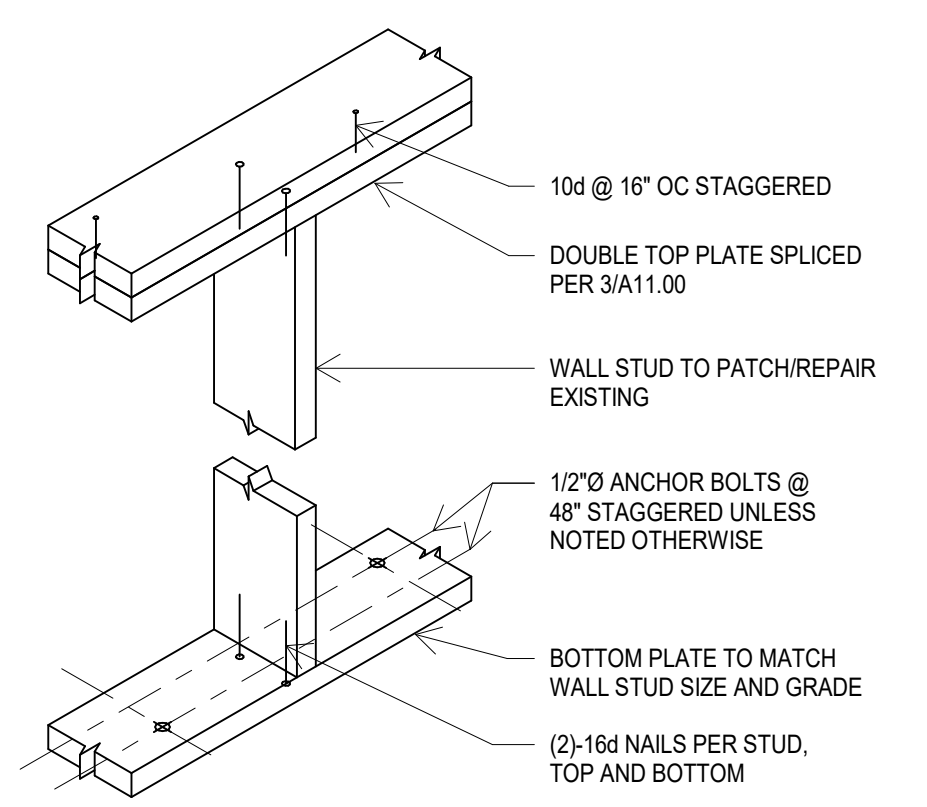
- FOR CONCRETE CURB PATCH AND REPAIR AT RESTROOM PLUMBING WALLS, "T" AND "H" DIMENSIONS FOR SIZE LIMITATION AND REINFORCEMENT, ALSO SEE 6/A11.00.
- AT (E) SLAB, ROUGHEN SLAB SURFACE AND APPLY BONDING AGENT PRIOR TO POURING CURB.
- FIELD VERIFY (E) CURB "H" AND "T". PATCH AND REPAIR TO MATCH EXISTING.
- EXPANSIVE OR HYDROPHILIC WATERSTOPS AT CURBS ARE NOT ALLOWED.
- NOTIFY ARCHITECT IF CONDITIONS IN FIELD VARY OR DIFFER FROM SCHEDULE, AND IF DETAIL 9/A11.00 AND 6/A11.00 ARE NOT APPLICABLE.

**9 CONCRETE CURB DETAIL (FOR PATCH/REPAIR)**  
A11.00 SCALE: 1" = 1'-0"

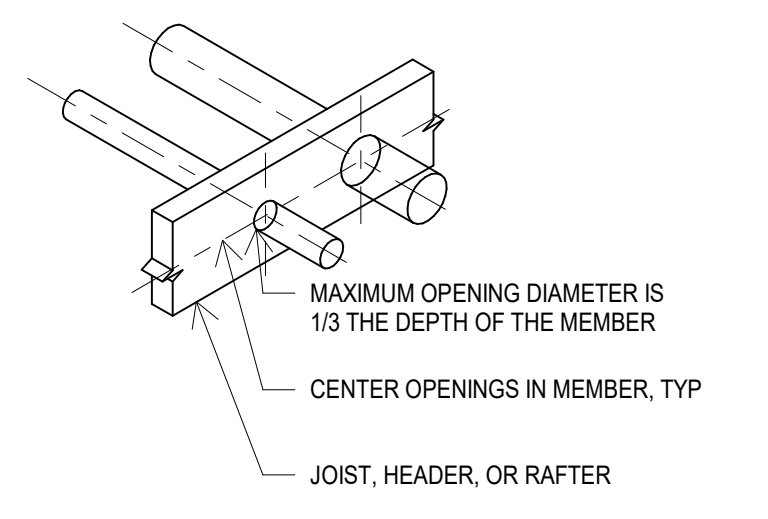


NOTE: VERIFY HEIGHT, PLAN DIMENSIONS, AND EXACT LOCATION WITH VERIFIED SITE CONDITIONS. COORDINATE WITH PLUMBING AND DETAIL 9/A11.00, WHERE OCCURS. SEE GENERAL ARCHITECTURAL NOTE 10 FOR CLARIFICATION.

**6 CONCRETE PAD DETAIL (FOR PATCH/REPAIR)**  
A11.00 SCALE: 1" = 1'-0"

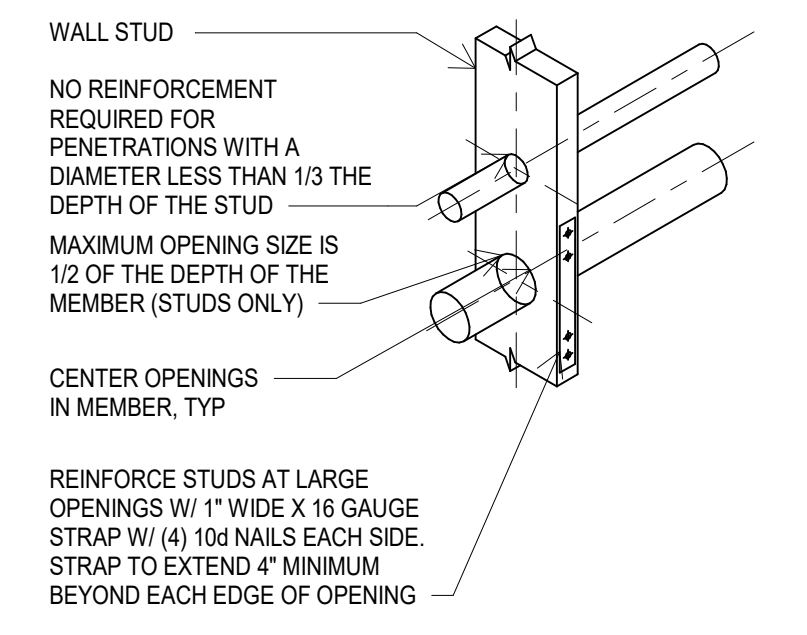


**11 TYPICAL WOOD WALL STUD ANCHORAGE**  
A11.00 SCALE: 1" = 1'-0"



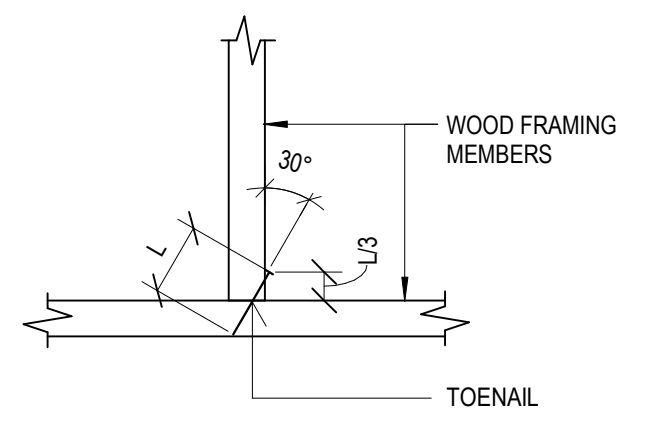
NOTE: DETAIL ONLY APPLIES TO SAWN LUMBER. DETAIL DOES NOT APPLY TO HEAVY TIMBER OR ENGINEERED LUMBER (LSL, LVL, PSL, OR I-JOIST).

**8 TYPICAL WOOD JOIST PENETRATION**  
A11.00 SCALE: 1" = 1'-0"



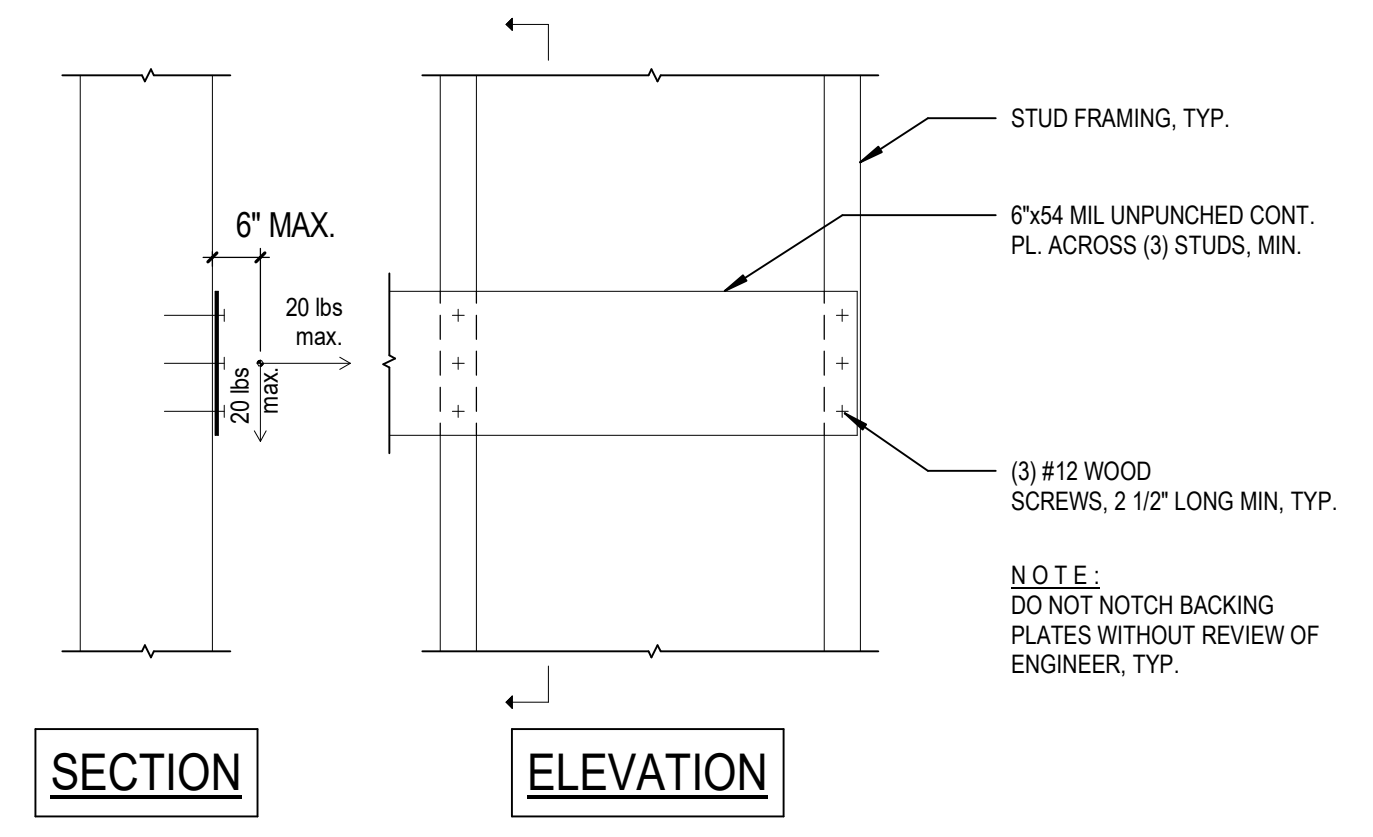
NOTE: 1. NO MORE THAN ONE PENETRATION EVERY 2'-0" VERTICAL ALONG MEMBER LENGTH. 2. CARE SHALL BE TAKEN NOT TO SPLINTER MEMBER WHERE DRILL BIT WILL EMERGE. 3. ANY MEMBERS WITH SPLITS ORIGINATING FROM PENETRATION SHALL BE REPLACED.

**5 TYPICAL WALL STUD PENETRATION DETAILS**  
A11.00 SCALE: 1" = 1'-0"



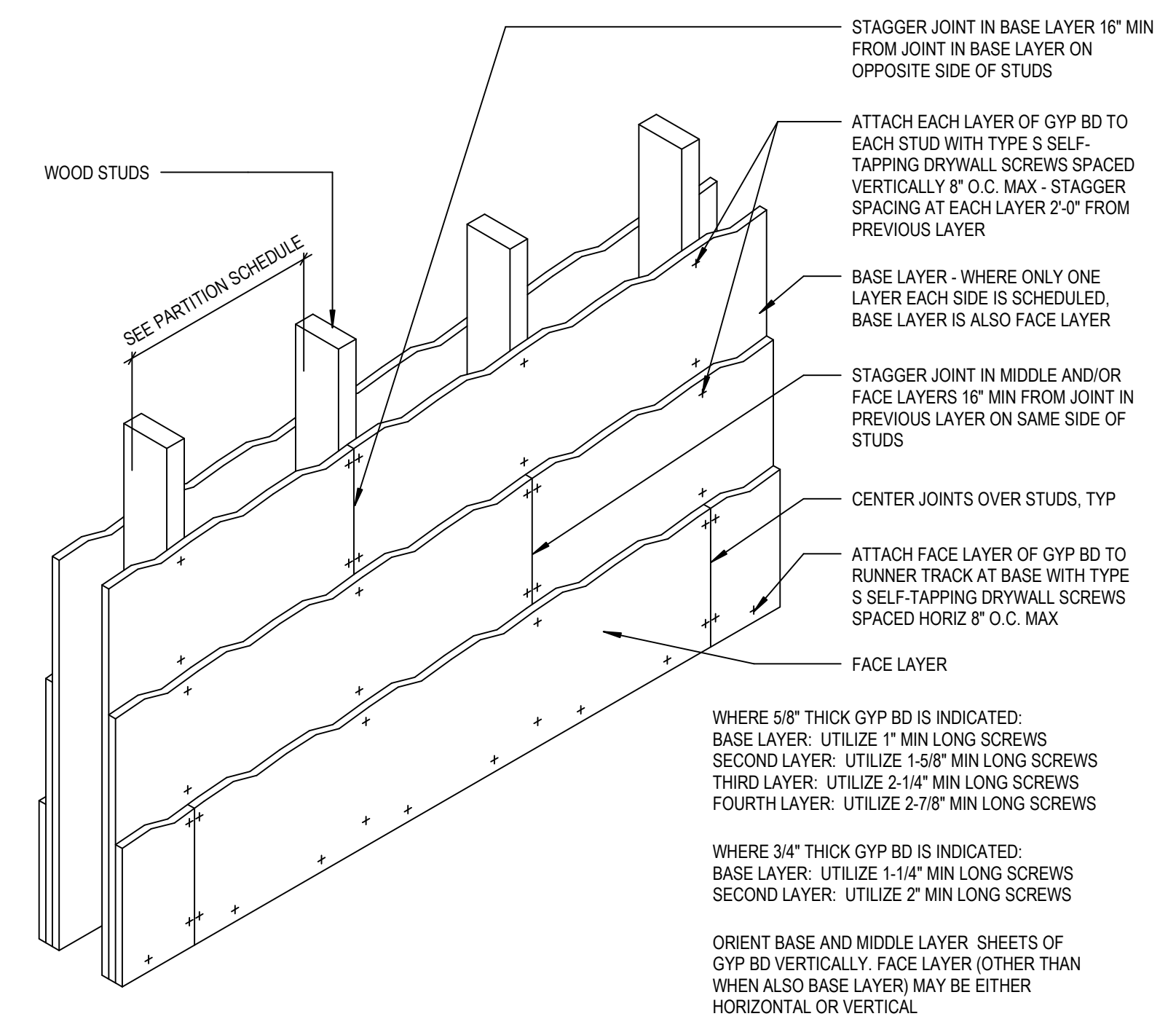
NOTE: TOE-NAILS SHALL BE DRIVEN AT AN ANGLE OF APPROXIMATELY 30 DEGREES WITH THE MEMBER AND STARTED APPROXIMATELY 1/3 THE LENGTH OF THE NAIL FROM THE MEMBER END.

**10 TYPICAL TOE-NAIL CONNECTION**  
A11.00 SCALE: 1 1/2" = 1'-0"



NOTE: DO NOT NOTCH BACKING PLATES WITHOUT REVIEW OF ENGINEER, TYP.

**7 TYPICAL WALL BACKING - WOOD**  
A11.00 SCALE: 1 1/2" = 1'-0"



**1 DETAIL - INT - WALL - MULTILAYER GYPSUM BOARD ATTACHMENT REQUIREMENTS**  
A11.00 SCALE: 1 1/2" = 1'-0"

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-121329 INC:  
REVIEWED FOR:  
SS  FLS  ACS   
DATE: 3/13/2024

DSA APPROVAL STAMP

LICENSED ARCHITECT  
CATHERINE MENG  
C-36422  
REN. 12/31/2024  
STATE OF CALIFORNIA

**HDLR GROUP**  
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225 Management Street, Suite 350, San Francisco, CA 94104

**DVC**

DSA APP: 01-121329  
DSA FILE: 07-C1

**DVC - Student Union Gender Inclusive Restroom**  
CCCCD - Diablo Valley College  
321 GOLF CLUB ROAD  
PLEASANT HILL, CA 94523

DSA BACKCHECK SET

03/05/2024  
Revisions

DLR GROUP PROJECT NUMBER:  
75-24104-00

INTERIOR DETAILS - TYPICAL

**A11.00**

Autodesk Docs/75-24104-00\_CCCCD-Gender Inclusive Restroom/75-24104-00\_SU\_Gender Inclusive Restroom\_AE\_2024.rvt  
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**SIGNAGE - GENERAL NOTES**

- SEE PLANS FOR LOCATIONS OF SIGNAGE, INDICATED BY SIGN TYPE NUMBER. SEE CP SHEETS AND THIS SHEET FOR TYPICAL MOUNTING HEIGHTS AND PROXIMITY TO DOORS AND OTHER ELEMENTS.
- EACH SIGN SHALL BE FABRICATED FROM A PLATE OF 1/8" THICK PHOTO SENSITIZED ACRYLIC ETCHED TO FORM A SINGLE PLAQUE. SIGNS WILL BE TWO-COLOR DESIGN WITH LIGHT BACKGROUND & DARK CHARACTERS TO MATCH CAMPUS SIGNAGE COLORS. (SUBMIT COLORS WITH LRV DATA TO ARCHITECT FOR APPROVAL; ASSUME GRAY COLOR BACKGROUND ≥90% LRV WITH BLUE COLOR CHARACTERS ≤20% LRV FOR BIDDING PURPOSES.) SIGN CHARACTERS AND BACKGROUNDS TO BE NON-GLARE FINISH.
- EACH TYPICAL SIGN SHALL BE SUPPLIED WITH A BACKING PLATE WHICH MATCHES THE SIGN SHAPE. ATTACH TYPICAL SIGN BACKING PLATE USING AT LEAST (2) TWO FLATHEAD COUNTERSUNK SCREWS TO SOLID BACKING. ADHERE SIGN TO BACKING PLATE. SEE DETAIL 6/A14.00.
- FOR TYPICAL MOUNTING HEIGHTS SEE DETAIL 5/A14.00.
- BRAILLE: CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQUIRED.
- CHARACTER TYPE: TACTILE CHARACTERS ON SIGNS SHALL BE RAISED 1/32" (0.8 mm) MINIMUM. ALL CHARACTERS SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY CONTRACTED GRADE 2 BRAILLE.
- CHARACTER SIZE: RAISED CHARACTERS SHALL BE MINIMUM OF 5/8" INCH (15.9 mm) AND MAXIMUM OF 2" (51mm) IN HEIGHT.
- PICTOGRAMS
  - PICTOGRAM FIELDS SHALL BE 6" MIN IN HEIGHT
  - BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD
  - PICTOGRAMS AND BACKGROUND SHALL HAVE NON-GLARE FINISH PER CBC 11B-703.6.2
  - PICTOGRAMS SHALL CONTRAST WITH THEIR BACKGROUND PER CBC 11B-703.6.2
  - TEXT DESCRIPTORS SHALL BE PROVIDED DIRECTLY BELOW THE PICTOGRAM PER CBC 11B-703.6.3
- RESTROOM DOOR SIGNS:
  - SHALL BE 1/4" THICK, TYP. PER 11B-703.7.2.6
  - SHALL BE MOUNTED WITH THEIR HORIZONTAL CENTERLINE BTW 58" AND 60" AFF PER CBC 11B-703.7.2.6
  - SHALL BE MOUNTED WITH THEIR VERTICAL CENTERLINE WITHIN 1" OF THE CENTER OF THE DOOR PER CBC 11B-703.7.2.6
  - SYMBOL EDGES SHALL BE EASED OR ROUNDED 1/16" MINIMUM OR CHAMFERED 1/8" MAX. VERTICES SHALL BE RADIUSED BTW 1/8" AND 1/4"
  - SHALL BE ADHERED TO DOOR VISION PANEL
  - PROVIDE BLANK SIGN OF EQUAL SIZE ON OPPOSITE FACE OF DOOR GLAZING TO HIDE ADHESIVE ATTACHMENT

- VISUAL CHARACTERS:
  - CHARACTERS AND BACKGROUND SHALL HAVE NON-GLARE FINISH PER CBC 11B-703.5.1
  - CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND PER CBC 11B-703.5.1
  - CHARACTERS SHALL BE 40" MIN AFF.
- VISUAL CHARACTERS SHALL COMPLY WITH CBC TABLE 11B-703.5.5.
- FINISH AND CONTRAST (VISUAL CHARACTERS): CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND (LIGHT-ON-DARK OR DARK-ON-LIGHT).
- TYPE STYLE
  - PROPORTIONS: THE WIDTH OF THE UPPERCASE LETTER "O" FOR VISUAL AND TACTILE CHARACTERS ON SIGN SHALL BE 60% MINIMUM TO 110% MAXIMUM THE HEIGHT OF THE UPPERCASE LETTER "I"
  - STROKE THICKNESS: THE STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15% MAXIMUM THE HEIGHT OF THE CHARACTER
  - CHARACTER SPACING (EXCLUDING WORD SPACES): RAISED CHARACTERS SHALL BE SPACED 1/8" MINIMUM TO 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM. VISUAL CHARACTERS SHALL BE SPACED 10% MINIMUM TO 35% MAXIMUM OF CHARACTER HEIGHT.
- NOTE: ALL LOCATIONS OF SIGNAGE WITHIN ROOM AND/OR ON WALL SHALL BE REVIEWED BY OWNER BEFORE INSTALLATION.
- TYPOGRAPHY SHALL BE:
  - AVENIR MEDIUM
- SIGNAGE SHOP DRAWINGS SHALL BE PROVIDED AND APPROVED PRIOR TO INSTALLATION.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-121329 INC:  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 3/13/2024

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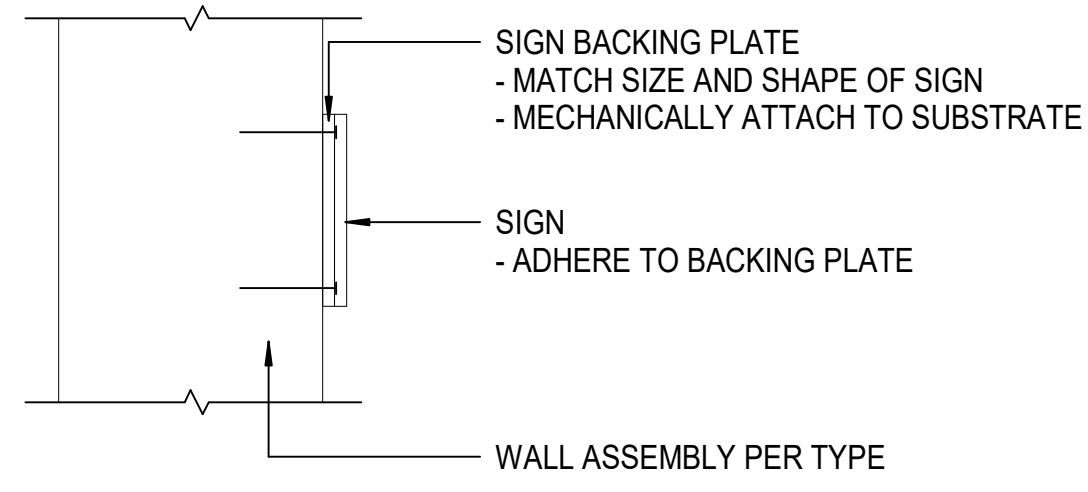
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Revisions

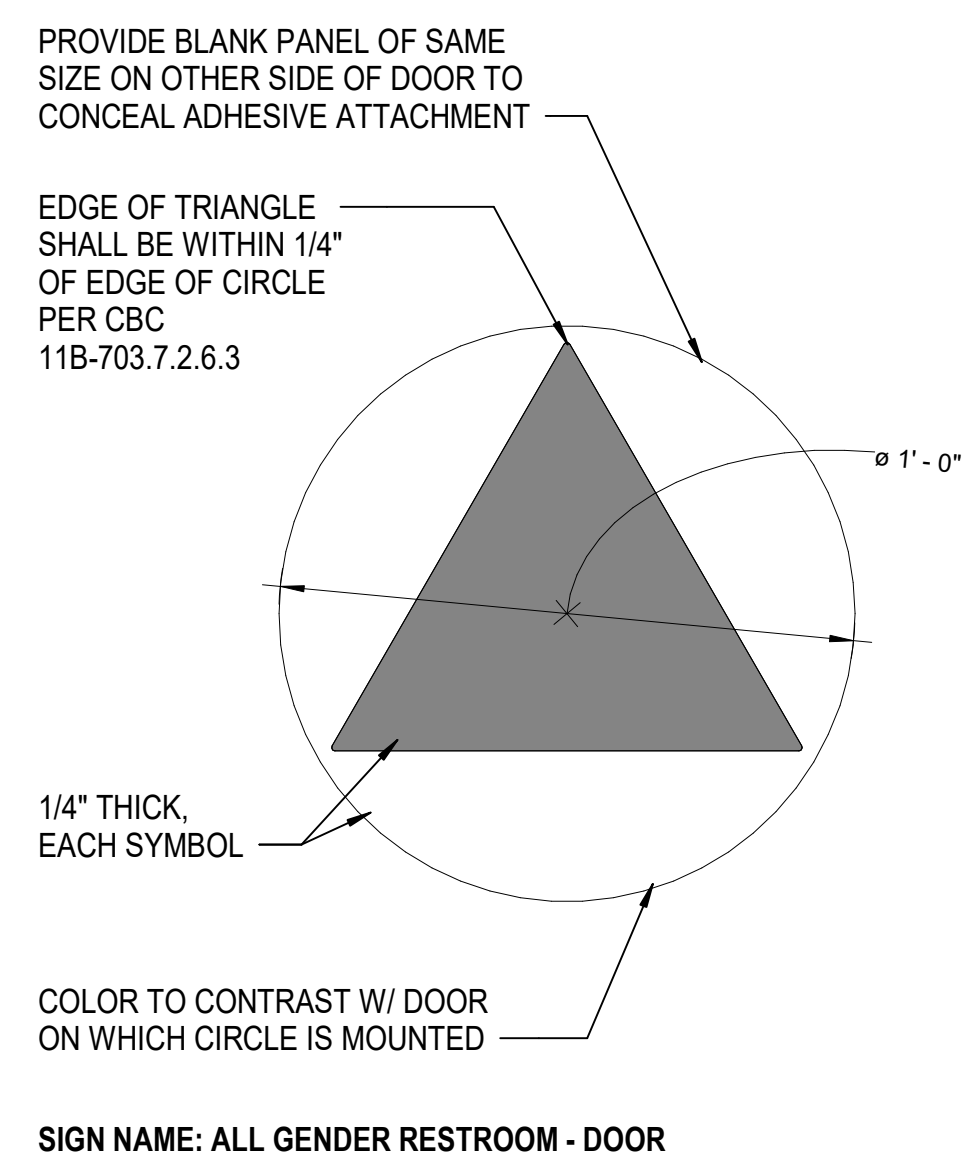
DLR GROUP PROJECT NUMBER:  
75-24104-00

SIGN TYPES & SIGNAGE DETAILS

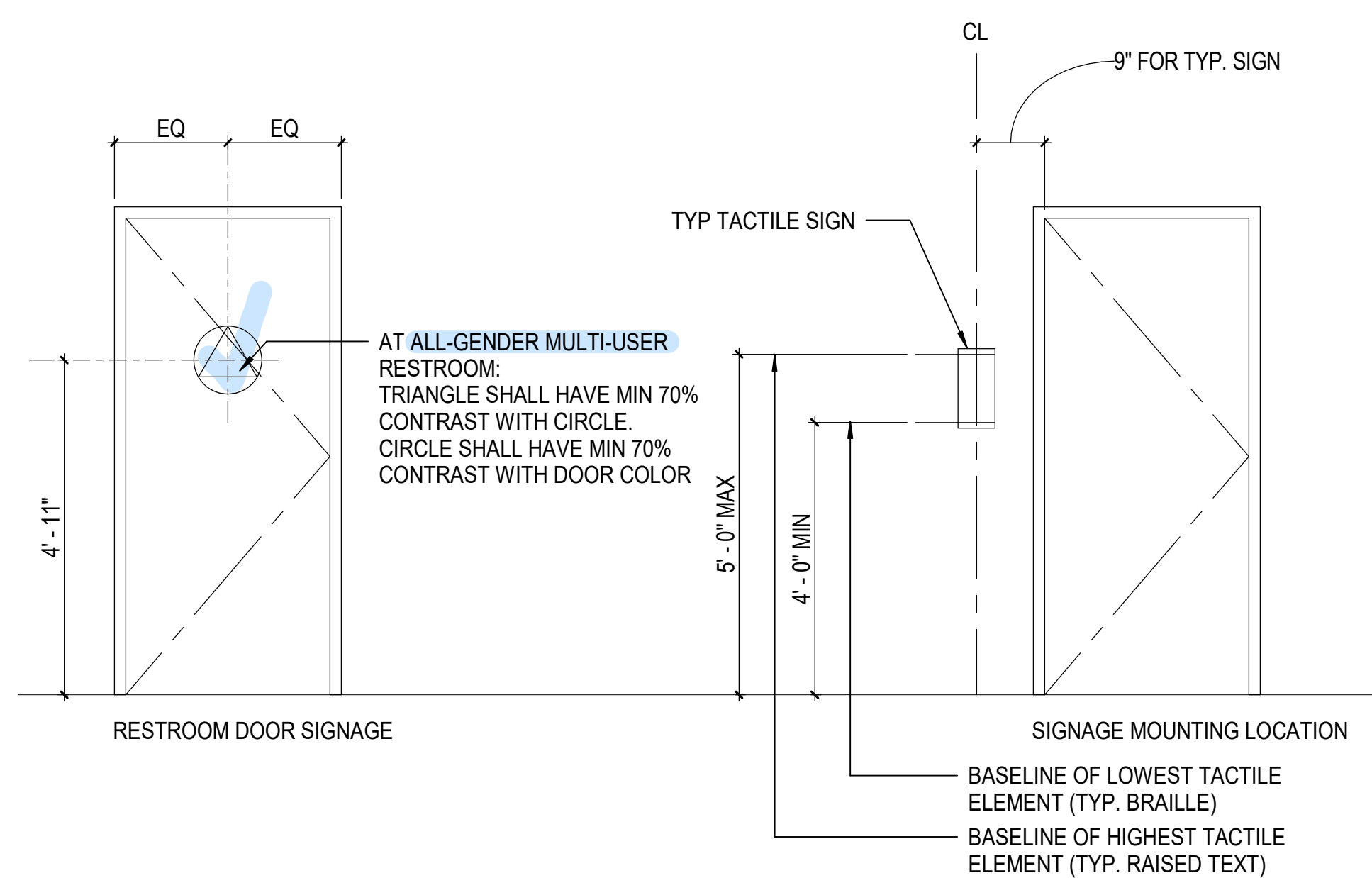
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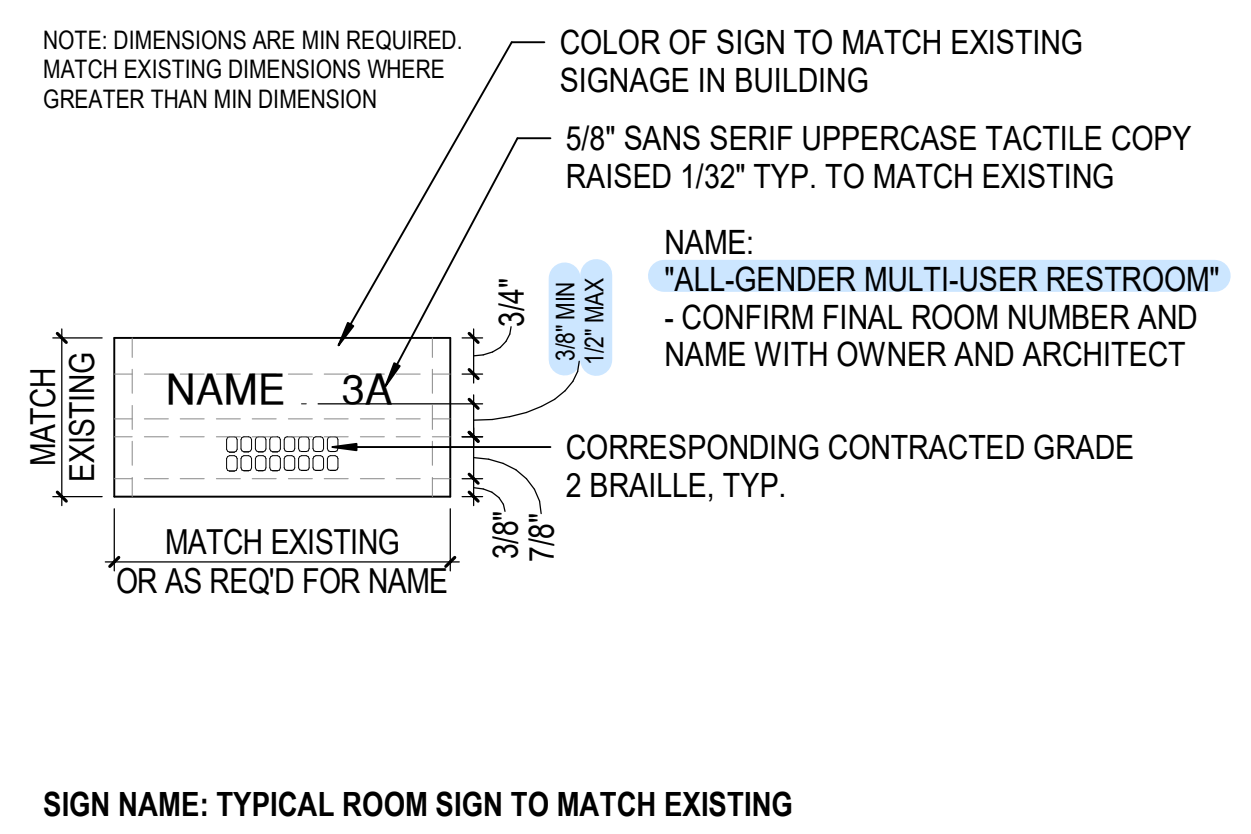
6 DETAIL - SIGNAGE - TYPICAL BACKING PLATES  
A14.00 SCALE: 3" = 1'-0"



2 DETAIL - INT - SIGNAGE - TYPE 2  
A14.00 SCALE: 3" = 1'-0"



5 DETAIL - SIGNAGE - MOUNTING LOCATIONS  
A14.00 SCALE: 1/2" = 1'-0"



1 DETAIL - INT - SIGNAGE - TYPE 1  
A14.00 SCALE: 3" = 1'-0"

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SECTION 10 21 13  
TOILET COMPARTMENTS

PART 1 GENERAL

- 1.1 SECTION INCLUDES
  - A. Compact Laminate (Compact Laminate)
  - 1. Toilet partitions.
- 1.2 RELATED SECTIONS
  - A. Section 06 10 00 - Rough Carpentry. Refer to Notes on A0.01.
  - B. Section 09 33 00 - Tiling.
  - C. Section 10 28 13 19 - Toilet Accessories. Refer to Plan and Notes on A1.10
- 1.3 SUBMITTALS
  - A. Submit under provisions of Section 01330 - SUBMITTAL PROCEDURES.
  - B. Product Data: Manufacturer's data sheets on each product to be used, including:
    - 1. Preparation instructions and recommendations.
    - 2. Storage and handling requirements and recommendations.
    - 3. Installation methods.
    - 4. Samples.
  - C. Shop Drawings: Submit manufacturer's shop drawings for each product specified, including the following:
    - 1. Plans, elevations, details of construction and attachment to adjacent construction.
    - 2. Show anchorage locations and accessory items.
    - 3. Verify dimensions with field measurements prior to final production of toilet compartments.
  - D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
  - E. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square representing actual product, color, and patterns.
- 1.4 QUALITY ASSURANCE
  - A. Manufacturer Qualifications: Minimum 10 year experience manufacturing similar products.
  - B. Installer Qualifications: Must be authorized Thrivington dealer.
  - C. Single Source Requirements: To the greatest extent possible provide products from a single manufacturer.
  - D. Accessibility Requirements: Comply with requirements applicable in the jurisdiction of the project, including but not limited to ADA and ICC/ANSI A117.1 requirements as applicable.
- 1.5 PRE-INSTALLATION MEETINGS
  - A. Convene minimum two weeks prior to starting work of this section.
- 1.6 DELIVERY, STORAGE, AND HANDLING
  - A. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
  - B. Handling: Handle materials to avoid damage.
- 1.7 PROJECT CONDITIONS
  - A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.
- 1.8 SEQUENCING
  - A. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.
- 1.9 WARRANTY
  - A. Manufacturer's Warranty (Thrivington Oasis): Manufacturer's standard 10-year warranty for materials and workmanship.

PART 2 PRODUCTS

- 2.1 MANUFACTURERS
  - A. Basis of Design Products: Based on the quality and performance requirements of the project, specifications are based on the products of Thrivington Oasis Series collection with compact laminate panels as Represented by R.E. Edwards & Assoc. 925 366 1966.
  - B. No substitutions, unless product is unavailable or supply chain issues will cause substantial project delay.
- 2.2 COMPACT LAMINATE (CL) PHENOLIC SUBSTRATE
  - A. Compact Laminate Toilet Partitions:
    - 1. Design:
      - a. System Height:
        - 1) Door/Panel Overall Component Height: 88"
        - 2) Floor Clearance: 3/8" AFF
      - 2. Framework: Full anodized aluminum frame, with extruded headrail. Lock locates directly into vertical closing post, with integral full-length buffer.
    - C. Finished Thickness:
      - 1) Door: 1/2" thickness
      - 2) Divider: 1/2" thickness
    - D. Materials: fascia, divider, doors, and screens.
      - 1. Cores & Surfaces: 1/2" compact laminate, polished all edges.
      - 2. Solidly fused plastic laminate with matte-finish melamine surfaces; integrally bonded colored face sheets and black phenolic-resin core.
      - 3. Color: To be Watson Satin Stainless Steel compact laminate
    - E. Fire Resistance:
      - 1. National Fire Protection Association/International Building Code Interior Wall and Ceiling Finish: Class B / Uniform Building Code: Class II.
        - a. Flame Spread Index (ASTM E 84): 60 for panels and stiles.
        - b. Smoke Developed Index (ASTM E 84): 265 for panels and stiles.
    - F. Hardware:
      - 1. Compliance: Operating force of less than 5 lb (2.25 kg).
      - 2. Complete with emergency release facility.
      - 3. Materials:
        - a. Engineered 303 grade brushed stainless steel lock, fixed through the door to the face plate for added strength. Lock finger housed within the door, extends from the door edge and engages into the receiver, integral to the aluminum framework.
          - 1) Doors fall closed by means of a hydraulic closer concealed within the aluminum headrail (alternatively, the closer can be factory set to fall open).
          - 2) Door Hardware Fittings: Stainless-steel forgings to the face of the door allow attachment to stainless-steel pivot blocks.
          - 3) Occupancy indicator latch provided on all doors.
          - 4) Decorative door pull provided on ADA doors
          - 5) Coat Hook: Stainless-steel coat hook supplied as standard.
          - 6) Houring Brackets: Divider fixed to back wall using concealed steel brackets, fastened by through-bolts.
          - 7) Headrail: Door suspended from aluminum headrail and located onto bottom pivot bracket. Headrail equipped with hydraulic closer

PART 3 EXECUTION

- 3.1 PREPARATION
  - A. Prepare substrates including but not limited to blocking and supports in walls and ceilings at points of attachment using methods recommended by the manufacturer for achieving the best result for the substrates under the project conditions.
    - 1. Inspect areas scheduled to receive compartments for correct dimensions, plumbness of walls, and soundness of surfaces that would affect installation of mounting brackets.
    - 2. Verify spacing of plumbing fixtures to assure compatibility with installation of compartments.
  - B. If preparation is the responsibility of another installer, notify Architect in writing of deviations from manufacturer's recommended installation tolerances and conditions.
  - C. Do not proceed with installation until substrates have been properly prepared with blocking and supports in walls and ceilings at points of attachment and deviations from manufacturer's recommended tolerances are corrected. Commencement of installation constitutes acceptance of conditions.
- 3.2 INSTALLATION
  - A. Install products in strict compliance with manufacturer's written instructions and recommendations, including the following:
    - 1. Verify blocking and supports in walls and ceilings has been installed properly at points of attachment.
    - 2. Verify location does not interfere with door swings or use of fixtures.
    - 3. Use fasteners and anchors suitable for substrate and project conditions.
    - 4. Install units rigid, straight, plumb, and level.
    - 5. Conceal evidence of drilling, cutting, and fitting to room finish.
    - 6. Test for proper operation.
- 3.3 ADJUSTING, CLEANING AND PROTECTION
  - A. Adjust hardware for proper operation after installation. Set hinge cam on in-swinging doors to hold doors open when unlatched. Set hinge cam on out-swinging doors to hold unlatched doors in closed position.
  - B. Touch-up, repair or replace damaged products.
  - C. Clean exposed surfaces of compartments, hardware, and fittings.

END OF SECTION

SECTION 09 33 00  
TILING

PART 1 GENERAL

- 1.1 SECTION INCLUDES
  - A. Ceramic Tile
- 1.2 RELATED SECTIONS
  - A. Section 06 10 00 - Rough Carpentry. Refer to Notes on A0.01.
  - B. Section 10 21 13 - Toilet Compartments.
  - C. Section 10 28 13 19 - Toilet Accessories. Refer to Plan and Notes on A1.10
- 1.3 SUBMITTALS
  - A. Submit under provisions of Section 01330 - SUBMITTAL PROCEDURES.
  - B. Product Data: Manufacturer's data sheets on each product to be used, including:
    - 1. Preparation instructions and recommendations.
    - 2. Storage and handling requirements and recommendations.
    - 3. Installation methods.
    - 4. Samples.

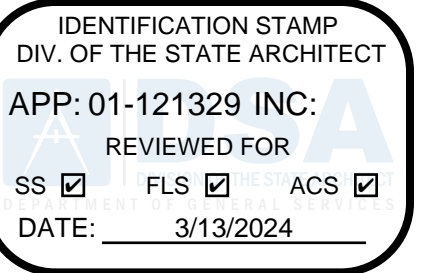
PART 2 PRODUCTS

- 2.1 MANUFACTURERS
  - A. Match existing tile of adjacent areas for all patch and repair required.

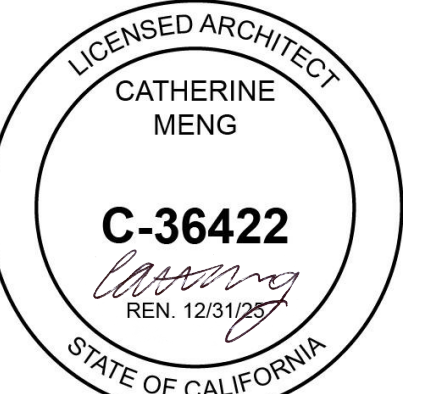
PART 3 EXECUTION

- 3.1 INSTALLATION
  - A. Install products in compliance with manufacturer's written instructions and recommendations, including recommended grout products and application.

SHEET NOTES  
SEE PROJECT MANUAL FOR DIVISION 00 AND DIVISION 01 SPECIFICATIONS  
SEE SECTION 00800.1 FOR SUBSTITUTION REQUEST FORM



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SPECIFICATIONS

AS1.00



DOMESTIC FIXTURE SCHEDULE																
ID	DESCRIPTION	QTY	MATERIAL DESCRIPTION	FINISH	TRIM				PIPE CONNECTION SIZE (IN)				SPECIFICATION	BASIS OF DESIGN		
					MANUFACTURER	MODEL	TYPE	WATER TEMP (°F)	VOLUME PER FLUSH (GAL)	MIN. FLOW (GAL)	WASTE PRIMARY	VENT		WATER COLD	MANUFACTURER	MODEL
WC-1	WATER CLOSET (WALL HUNG)	6	WHITE VITREOUS CHINA	WHITE	SLOAN	ROYAL 111-128	MANUAL	60	1.28	1.28	4"	2"	1"	SIPHON JET, WALL HUNG, ELONGATED BOWL, TOP SPUD, COMPLETE WITH SLOAN ROYAL NO. 111-128 GPF FLUSH VALVE, OLSONITE NO. 955CT SEAT AND TURN NO. 21201 & 21202 SERIES CARRIER.	AMERICAN STANDARD	3351-101 "AFWALL MILLENNIUM FLOWISE ELONGATED FLUSHMETER TOILET"

**MATERIALS**

- SANITARY SOIL WASTE AND VENT SYSTEMS ABOVE AND BELOW GRADE: PIPING WITHIN THE BUILDING TRSELF AND OUTSIDE WITHIN FIVE FEET (5') OF THE FOUNDATION, SHALL BE NO-HUB CAST IRON SERVICE WEIGHT PIPE AND FITTINGS, ASPHALTUM COATED, FREE FROM DEFECTS, AND SHALL COMPLY WITH C.I.P.I. STANDARD 301 OR ASTM A-888. FITTINGS SHALL BE MADE UP WITH "HUSKY" SD 4000 SERIES OR "CLAMP ALL" 125 SERIES STAINLESS-STEEL TYPE 304 NO-HUB COUPLINGS AND SHALL CONFORM TO ASTM C1540 & ASTM D584 EXCEPT ALL ABOVE GROUND VENT PIPE FITTINGS MAY BE INSTALLED WITH "ANACO" OR "TYLER" STAINLESS-STEEL TWO BAND COUPLINGS.
- WATER PIPING WITHIN THE BUILDING AND ABOVE GRADE SHALL BE TYPE "1" ASTM B88, HARD DRAWN COPPER TUBING WITH WROUGHT COPPER SWEAT FITTINGS ANSI B16.22 WITH 95-5 SILVER SOLDER.
- INSULATION: ALL HOT WATER PIPING SHALL BE INSULATED WITH "PPG" INDUSTRIES, CERTAIN-TEED SAINT GOBAIN SNAP-ON OR JOHNS-MANVILLE MICRO-LOC AIR, AIR CONDITIONING CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH "MCOA" MCOLOCK CLOSED-CELL PIPE INSULATION.
- CLEANOUTS: SHALL BE MANUFACTURED BY J.R. SMITH, ZURN OR JOSAM AS FOLLOWS:
  - FINISHED ROOM FLOORS: J.R. SMITH NO. 4163 W/ N.B. TOP AND GASKETED WATERIGHT COVER.
  - WALLS: J.R. SMITH 4532 W/ BRONZE PLUG AND CHROME PLATED COVER.
  - YARD AND PARKING LOT: J.R. SMITH NO. 4253 CAST IRON SURFACE LEVEL CLEANOUT.
- VALVES, GATE VALVES 1-1/2" AND SMALLER SHALL BE NIBCO NO. T-1134-F, GATE VALVES 2" TO 3" SHALL BE NIBCO NO. F-607-RW ODS&Y, BALL VALVES 2" AND SMALLER SHALL BE NIBCO NO. T-685-66-LF.
- CORROSION PROTECTION:
  - ALL BELOW GROUND METALLIC FITTINGS, VALVES, FLANGES, BOLTS, SHALL BE PROTECTED AGAINST CORROSION AS FOLLOWS:
    - ALL METALLIC COMPONENTS AS DESCRIBED ABOVE SHALL RECEIVE A HEAVY COATING OF "HENRY'S" OIL BASE ROOF MASTIC.
    - AFTER MASTIC COATING IS COMPLETED AND INSPECTED, WRAP ENTIRE METALLIC COMPONENT WITH A MINIMUM OF 10 MIL. POLYETHYLENE WRAP OVERLAPPED 50% OF THE CIRCUMFERENCE AND EXTENDED BEYOND ENDS OF COMPONENT AS REQUIRED FOR POLYETHYLENE TO BE SECURED TO PIPING. THE OVERLAP SEAM SHALL BE LOCATED TO AVOID BACKFILL MATERIAL FROM ENTERING THE ENCAPSULATED AREA. THE ENDS AND SEAM OF THE POLYETHYLENE MATERIAL SHALL BE SECURED TO THE PIPING AND SEALED WITH 3M SCOTCH-WRAP NO. 50, 10 MIL., 2" WIDE, PRINTED, PIPE WRAP SEALING TAPE.
    - THE MASTIC COATING SHALL BE INSPECTED AND APPROVED PRIOR TO THE FINISH APPLICATION OF THE POLYETHYLENE MATERIAL, WHICH SHALL ALSO BE INSPECTED.
  - BEFORE ANY USE OF SYSTEM IS MADE FOR DOMESTIC PURPOSES, IT SHALL BE STERILIZED BY SLOWLY FILLING WITH WATER TO WHICH A STERILIZING AGENT HAS BEEN APPLIED, AT A RATE GIVING 50 PPM OF CHLORINE. AS DETERMINED BY RESIDUAL CHLORINE TEST AT EXTREMITIES OF THE LINE. AFTER LINES HAVE BEEN FILLED FOR A PERIOD OF THREE (3) HOURS, TESTS FOR RESIDUAL CHLORINE SHALL SHOW NOT LESS THAN 50 PPM. IF LESS THAN 50 PPM IS INDICATED, DRAIN OR FLUSH OUT THE LINE AND REPEAT STERILIZATION TREATMENT UNTIL TESTS INDICATE AT LEAST 50 PPM OF RESIDUAL CHLORINE AFTER THREE (3) HOURS. THE LINES SHALL BE FLUSHED UNTIL ALL TRACES OF CHEMICAL HAVE BEEN REMOVED.
- SOIL, WASTE, AND VENT PIPING COMPONENTS AND INSTALLATION SHALL BE CAPABLE OF WITHSTANDING THE FOLLOWING MINIMUM WORKING PRESSURE UNLESS OTHERWISE INDICATED: 10-FOOT HEAD OF WATER.

**MEP ANCHORAGE NOTES**

- ANY ALTERATIONS TO A STRUCTURAL MEMBER, SUCH AS CUTTING, BORING, BRAZING, DRILLING, WELDING, ETC. SHALL HAVE PRIOR WRITTEN APPROVAL OF ARCHITECT, STRUCTURAL ENGINEER, AND DSA.
- M.E.P. COMPONENT ANCHORAGE NOTE:
  - ALL PERMANENT PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS, WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26 AND 30.
  - ALL MECHANICAL PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS, WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26 AND 30.
  - TEMPORARY, MOVABLE, OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REVERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENTS IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL, AND PLUMBING COMPONENTS SHALL BE THE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE THE DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

- PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE: PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCE AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3, AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2022 CBC SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G. OSHPD OPM FOR 2022 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E).

- MP [ ] MD [ ] PP [ ] E [ ] - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.
- MP [ ] MD [ ] PP [X] E [ ] - OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #) 0343.

**GENERAL PLUMBING NOTES**

- BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, ELEVATIONS AND CHARACTERISTICS OF ALL UTILITIES AND PIPING, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- ALL ACCESSIBLE WATER CLOSETS SHALL HAVE FLUSH VALVE WITH HANDLE ON THE OPEN SIDE.
- ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED ON DRAWINGS.
- ALL PLUMBING FIXTURE VENTS TO TERMINATE A MINIMUM OF 12 INCHES FROM ANY VERTICAL SURFACE AND 10 FEET FROM ANY OUTSIDE AIR INTAKES.
- EXACT LOCATIONS AND MOUNTING HEIGHTS OF PLUMBING FIXTURES SHALL BE OBTAINED FROM THE ARCHITECTURAL DRAWINGS.
- CONNECTION BETWEEN INCOMPATIBLE MATERIALS ABOVE GRADE AND INSIDE BUILDING SHALL BE MADE WITH TWO (2) DIELECTRIC UNIONS SEPARATED BY A TWELVE INCH (12") SECTION OF RED BRASS PIPE.
- ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC., AND THE ARCHITECT PRIOR TO ANY INSTALLATION.
- ALL URINALS SHALL HAVE CLEANOUTS ABOVE FIXTURE. PER CPC 707.4, THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH THE ARCHITECT PRIOR TO ANY INSTALLATION.
- SEE ARCHITECTURAL DRAWINGS FOR ACCESSIBLE FIXTURE LOCATIONS AND MOUNTING HEIGHTS. INSULATE ALL EXPOSED WATER AND DRAIN PIPING BELOW ACCESSIBLE LAVATORIES AND SINKS.
- ALL PLUMBING WORK SHALL BE INSTALLED SO AS TO AVOID INTERFERENCE WITH ELECTRICAL AND MECHANICAL EQUIPMENT AND STRUCTURAL FRAMING.
- ALL WORK AND MATERIAL SHALL BE PERFORMED AND INSTALLED IN COMPLIANCE WITH CALIFORNIA PLUMBING CODE 2022.
- INSULATION (SEE SPECIFICATION FOR TYPE REQUIRED) AND COVERING ON PIPE AND TUBING SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH 2022 CBC SECTION 703.3.
- MATERIALS EXPOSED WITHIN DUCTS OR PLENUMS SHALL HAVE A FLAME-SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHERE TESTED IN ACCORDANCE WITH ASTM E84 OR UL 723, CMC 2022, CHAPTERS 7, 9, & 11.
- PLUMBING CONTRACTOR TO PROVIDE SINGLE COMPLETE SUBMITTAL THAT COMPLIES WITH THE APPROVED DSA DRAWINGS, SUBMIT PER THE PLUMBING FIXTURE SCHEDULE, MATERIALS SCHEDULE, AND ANY OTHER FIXTURES, COMPONENTS, OR ACCESSORIES REQUIRED FOR INSTALLATION.

PLUMBING SYMBOLS		
SCHEMATIC	3D	DESCRIPTION
		DOMESTIC COLD WATER (LINE TYPE) DOMESTIC HOT WATER (LINE TYPE) DOMESTIC HOT WATER RECIRC (LINE TYPE) SANITARY SEWER BELOW FLOOR OR GRADE SANITARY VENT
		CLEAN OUT WALL CLEAN OUT FLOOR CLEAN OUT GRADE CLEAN OUT (DOUBLE CLEAN OUT) FLOOR DRAIN / FLOOR SINK ROOF DRAIN / OVERFLOW DRAIN DOWNSPOUT NOZZLE WALL HYDRANT HOSE BIBB PLUMBING FIXTURE TAG

GENERAL SYMBOLS	
	POINT OF DISCONNECT - DEMOLITION REMOVED FROM EXISTING
	POINT OF CONNECTION - NEW CONNECTS TO EXISTING
	AREA NOT IN CONTRACT

PIPING ANNOTATIONS		
SCHEMATIC	3D	DESCRIPTION
		EXISTING TO REMAIN - (E) or EXIST ITEM TO BE DEMOLISHED - (D) or DEMO PIPE SIZE TAG (DIAMETER WITH SYSTEM NAME) PIPE SLOPE PIPE INVERT ELEVATION
		MECHANICAL EQUIPMENT TAG MECHANICAL EQUIPMENT CLEARANCE

PIPING VALVES AND FITTINGS		
SCHEMATIC	3D	DESCRIPTION
		PIPE DROP
		PIPE RISE
		PIPE TEE DOWN
		PIPE TEE UP
		CONCENTRIC REDUCER
		ECCENTRIC REDUCER
		PIPE CAP
		PIPE ALIGNMENT GUIDE
		PIPE ANCHOR
		FLOW DIRECTION
		EXPANSION JOINT
		FLEXIBLE CONNECTION
		UNION
		DIRECTION OF PIPE PITCH
		AQUASTAT
		EXPANSION LOOP
		BALANCING VALVE
		BALANCING VALVE W/ METERING POINTS
		BALL VALVE
		BUTTERFLY VALVE
		CHECK VALVE
		STEAM TRAP
		GATE VALVE
		CIRCUIT SETTER
		MANUAL AIR VENT
		AUTOMATIC AIR VENT
		PLUG VALVE
		PRESSURE GAUGE
		SOLENOID VALVE
		ANGLE VALVE
		AUTOMATIC CONTROL VALVE 2-WAY
		AUTOMATIC CONTROL VALVE 3-WAY
		AUTOMATIC FLOW CONTROL VALVE
		STRAINER
		PRESSURE AND TEMPERATURE TEST PORT
		THERMOMETER
		PRESSURE REDUCING VALVE (WATER SYSTEMS) PRESSURE REGULATING VALVE (GAS SYSTEMS)
		RELIEF VALVE
		FLOW MEASURING DEVICE
		BACKFLOW PREVENTER
		UNION

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- P0.2 PLUMBING ABBREVIATIONS
- P0.2.1 PLUMBING DEMOLITION PLAN - HEALTH SERVICES - STUDENT UNION BLDG
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IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-121329 INC:  
REVIEWED FOR:  
DATE: 3/13/2024



**DLR GROUP**  
© DLR Group  
225 Montgomery Street, Suite 350, San Francisco, CA 94104

**DVC**

DSA APP: 01-121329  
DSA FILE: 07-C1

**DVC - Student Union Gender Inclusive Restroom**  
COCOD - Diablo Valley College  
321 GOLF CLUB ROAD  
PLEASANT HILL, CA 94523

DSA BACKCHECK SET

03/05/2024  
Revisions

DLR GROUP PROJECT NUMBER:  
75-24104-00

PLUMBING LEGENDS, SCHEDULES, & GENERAL NOTES

**P0.1**



# ABBREVIATIONS

#	NUMBER	CJA	CONTROL JOINT ABOVE	EH	ELECTRICAL HEATER	GR	GUARD RAIL	LV	LOUVER	PPM	PARTS PER MILLION	SS	STAINLESS STEEL	WI	WROUGHT IRON
&	AND	CKT	CIRCUIT	EFS	EXTERIOR INSULATION AND FINISH SYSTEM	GR	GRADE	LV	LABORATORY VACUUM	PR	PAIR	SS	SERVICE SINK	WLR	WATER LOOP RETURN
(D)	DEMOLISHED	CKB	CIRCUIT BREAKER	EJ	ELEVATION JOINT	GR	GRIP	LVS	LEAVING SURFACE	PRFB	PREFABRICATED	SS	SOLID SURFACE	WLS	WATER LOOP SUPPLY
(E)	EXISTING	CL	CENTER LINE	EL	ELEVATION	GR	GLASS REINFORCED CONCRETE	LW	LONG WAY	PRN	PROJECT (ION)	SS	SOLID SEPARATOR	WMS	WATER MOTOR GOING
(R)	RELOCATED	CL	CIRCUIT LINE	ELAS	ELASTOMERIC	GRC	GALVANIZED RIGID CONDUIT	LWT	LEAVING WATER TEMPERATURE	PRV	PRESSURE REGULATING VALVE	SSA	STORM SHELTER AREA	WNSCT	WAINSCOT
@	AT	CLG	CEILING	ELEC	ELECTRICAL(AL)	GRC	GLASS REINFORCED CONCRETE	M	MIXED AIR	PS	PIPE SUPPORT	SST	SECONDARY STORM DRAINAGE	WP	WEATHER-PROOF (NEMA 3R)
°	DEGREES CELSIUS	CLOS	CLOSED	ELEV	ELEVATOR	GRD	GRILLES, REGISTERS AND DIFFUSERS	M	THOUSAND	PS	PROJECTION SCREEN	ST	STAIR	WP	WEATHERPROOF
°	DEGREES FAHRENHEIT	CLR	CLEAR	EMER	EMERGENCY MANAGEMENT CONTROL SYSTEM	GRS	GLASS REINFORCED GYPSUM PLASTER	MA	MAKE-UP AIR	PSF	POUNDS PER SQUARE FOOT	ST	STORM DRAINAGE	WPB	WHIRLPOOL BATH
Ø	PHASE	CMR	CEILING MOUNTED METAL PIPE	EMS	ESTIMATED MAXIMUM DEMAND	GRS	GALVANIZED RIGID STEEL	MA	MAKE-UP AIR	PSFA	POUNDS PER SQUARE FOOT, ABSOLUTE	STAGD	STAGGERED	WPF	WATERPROOF
Ø	DIAMETER	CMP	CORRUGATED METAL PIPE	EMER	EMERGENCY	GRV	GRAVITY VENTILATOR	MA	MEDICAL COMPRESSED AIR	PSFG	POUNDS PER SQUARE FOOT, GAUGE	STC	SOUND TRANSMISSION CLASS	WPFQ	WATERPROOFING
A	COMPRESSED AIR	CMU	CONCRETE MASONRY UNIT	EMT	ELECTRICAL METALLIC TUBING	GS	GASOLINE	MAC	MACHINE	PSI	POUNDS PER SQUARE INCH	STD	STANDARD	WR	WASTE RECEPTACLE
A	AMPERE	CO	CLEAN OUT	EMV	EMERGENCY MIXING VALVE	GV	GATE VALVE	MAG	MAGNETIC	PSIA	POUNDS PER SQUARE INCH, ABSOLUTE	STE	SINGLE TAPERED END	WR	WATER RESISTANT
A	AMP	COX	CARBON DIOXIDE	ENCL	ENCLOSURE	GV	GREASE VENT	MANJ	MANUAL AIR VENT	PSIG	POUNDS PER SQUARE INCH, DIFFERENTIAL	STOR	STORAGE	WSP	WATER SOURCE HEAT PUMP
AC	AIR CONDITIONING(ER)	CO	CONDUIT ONLY	ENR	ENTERING	GVBF	GREASE VENT BELOW FLOOR	MAN	MASONRY	PSV	PRESSURE SAFETY (RELIEF) VALVE	STOR	STORAGE	WT	WEIGHT
AC	AIR CONDITIONING(ER)	CO2	CARBON DIOXIDE	ENR	ENTRANCE	GW	GREASE WASTE	MAS	MASONRY	PT	PLASTER TRAP	STR	STRUCTURE(L)	WW	WARM WHITE
AE	ARCHITECT/ENGINEER	COL	COLLIAN	EOMD	END OF MAIN DRIP	GWB	GYPSUM WALL BOARD	MATL	MATERIAL	PT	POINT	STR	STRUCTURE(L)	WWF	WELDED WIRE FABRIC
ABC	ASSOCIATED AIR BALANCE COUNCIL	COMB	COMBINATION	EPO	ELECTRO-PNEUMATIC	GWR	GEO THERMAL WATER RETURN	MAU	MAKEUP AIR UNIT	PT	POINT	STRUC	STRUCTURAL		
AB	ANCHOR BOLT	COMB	COMBINATION	EPO	EMERGENCY POWER OFF	GWS	GEO THERMAL WATER SUPPLY	MV	MANUAL AIR VENT	PTD	PAPER TOWEL DISPENSER	SURF	SURFACE	XFMR	XFORMER
AB	ANCHOR BOLT	COMB	COMBINATION	EQU	EQUAL	GWP	GEO THERMAL WATER SUPPLY	GYPSUM	GYPSUM	PTD	PAPER TOWEL DISPENSER	SURF	SURFACE	XMTTR	TRANSMITTER
AB	ANCHOR BOLT	COMB	COMBINATION	EQU	EQUAL	H	HEIGHT	MB	MACHINE BOARD	PTDR	COMBINATION TOWEL DISPENSER/RECEPTACLE	SUSP	SUSPENDED		
ABS	ACRYLONITRILE-BUTADIENE-STYRENE	CONCR	CONCRETE	EQUIP	EQUIPMENT	HIE	HIGH END ONE END	H	HOOK ONE END	PTN	PARTITION	SV	SOLENOID VALVE	YD	YARD
AC	ALTERNATING CURRENT	CONC	CONCRETE	ER	EXISTING (TO BE) RELOCATED	H2	HYDROGEN	H2	HYDROGEN	PVC	POLYVINYL CHLORIDE	SV	STEAM VENT	YH	YARD HYDRANT
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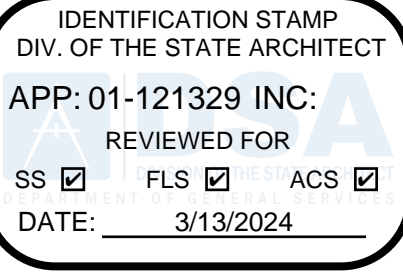
**LEGEND AND NOTES**

**DEMOLITION NOTES**

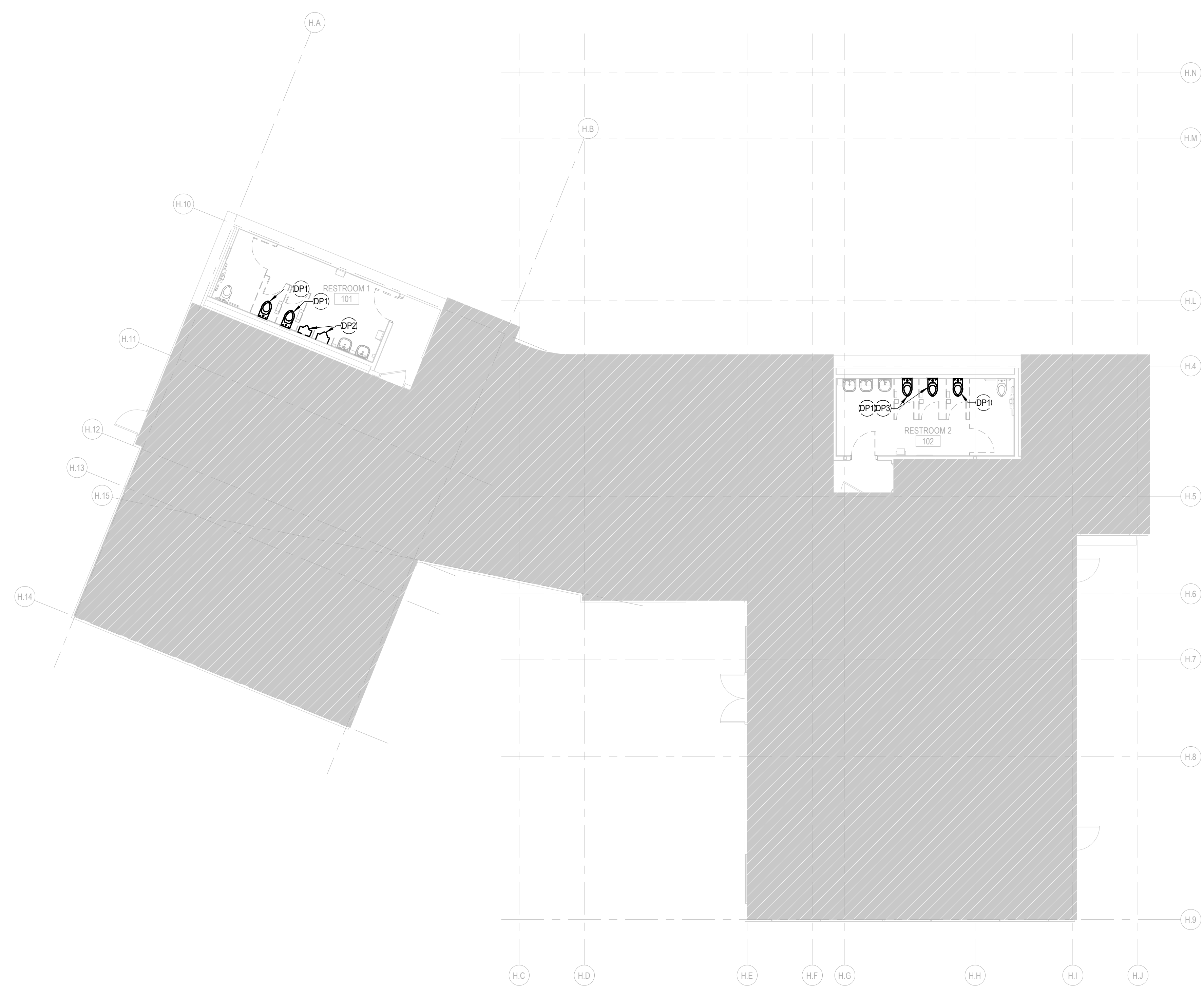
- OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL ITEMS INDICATED TO BE REMOVED. CONTRACTOR SHALL VERIFY ALL SUCH ITEMS WITH OWNER PRIOR TO REMOVAL. ALL ITEMS NOT REFUSED BY OWNER SHALL BE REMOVED INTACT AND FULLY FUNCTIONAL BY CONTRACTOR FOR OWNER'S USE. ALL ITEMS REFUSED BY OWNER SHALL BE PROPERLY DISPOSED OF BY CONTRACTOR.
- REMOVE EXISTING FIXTURES AND EQUIPMENT AS INDICATED. HOT WATER, COLD WATER, VENT AND/OR GAS PIPING SERVING SUCH ITEMS SHALL BE REMOVED TO A SUITABLE CONCEALED LOCATION WITHIN WALL OR ABOVE CEILING AND CAPPED OR PLUGGED UNLESS OTHERWISE NOTED (U.O.N.). WASTE PIPING SERVING SUCH FIXTURES SHALL BE REMOVED TO A SUITABLE CONCEALED LOCATION BELOW FINISHED FLOOR OR BEHIND WALL AND CAPPED OR PLUGGED U.O.N. ASSOCIATED EXISTING DEFUNCT PIPING IN CONCEALED LOCATIONS ABOVE CEILING, WITHIN WALLS, BELOW SLAB, OR BELOW GRADE SHALL BE ABANDONED IN PLACE OR REMOVED AS NECESSARY TO AVOID INTERFERENCE WITH NEW WORK. ASSOCIATED EXISTING DEFUNCT PIPING AND COMPONENTS IN EXPOSED LOCATIONS SHALL BE REMOVED U.O.N. (INCLUDING FLOOR DRAINS, WALL AND FLOOR CLEANOUTS, CLEANOUTS TO GRADE, ACCESS PANELS, SHUT-OFF VALVES AND COCKS, YARD BOXES, MANHOLES, CATCH BASINS, AND OTHER EXPOSED COMPONENTS). EXISTING DEFUNCT ELECTRICAL COMPONENTS SERVING EXISTING TO BE REMOVED EQUIPMENT SHALL BE DEMOLISHED AND REMOVED TO POINT OF ORIGIN.

**DEMOLITION KEY NOTES**

- DP1 EXISTING WATER CLOSET TO BE REMOVED BY PLUMBING CONTRACTOR.
- DP2 EXISTING URINAL TO BE REMOVED BY PLUMBING CONTRACTOR.
- DP3 PROJECT ALTERNATE 1. SEE ARCHITECTURAL DRAWINGS, SHEET G0.00.



DSA APPROVAL STAMP



DSA APP: 01-121329  
DSA FILE: 07-C1

**DVC - Student Union Gender Inclusive Restroom**

CCCCD - Diablo Valley College  
321 GOLF CLUB ROAD  
PLEASANT HILL, CA 94523

DSA BACKCHECK SET

03/05/2024  
Revisions

DLR GROUP PROJECT NUMBER:  
75-24104-00

PLUMBING DEMOLITION PLAN - HEALTH SERVICES - STUDENT UNION BLDG

PD2.1

**PLUMBING DEMOLITION PLAN - HEALTH SERVICES - STUDENT UNION BLDG**  
SCALE: 1/8" = 1'-0"

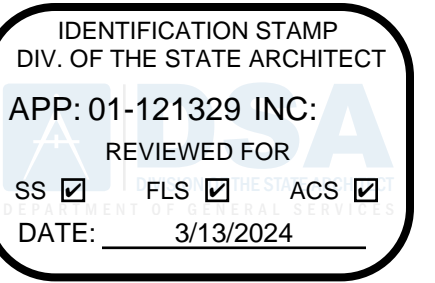
Autodesk Docs/75-24104-00\_CCCCD-Gender Inclusive Restroom/75-24104-00\_SU\_Gender Inclusive Restroom MEP\_2024.rvt 11/28/2023 1:24:08 PM



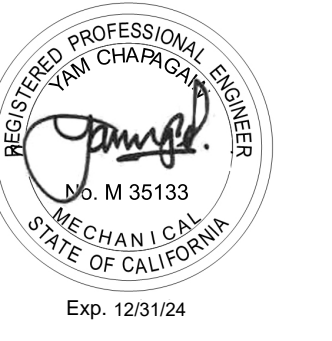
**LEGEND AND NOTES**

**CONSTRUCTION NOTES**

- BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, ELEVATIONS AND CHARACTERISTICS OF ALL UTILITIES AND PIPING BY PHYSICAL EXCAVATION AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND POINTS OF CONNECTION PRIOR TO BIDDING PROJECT.
- WHERE PLANS INDICATE NEW FIXTURES OR EQUIPMENT CONNECTING TO EXISTING SERVICES, PLUMBING CONTRACTOR SHALL MODIFY AND/OR EXTEND EXISTING PIPING OR ROUGH-INS AS REQUIRED TO SUIT THE NEW FIXTURE.



DSA APPROVAL STAMP



**D L R GROUP**  
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**CONSTRUCTION KEY NOTES**

- CONTRACTOR SHALL ROUGH-IN AND CONNECT TO EXISTING & NEW SERVICES FOR NEW WATER CLOSET.
- P.O.C. NEW 4" SEWER LINE TO EXISTING SEWER LINE BELOW GRADE. FIELD VERIFY EXACT LOCATION PRIOR TO INSTALLATION OF ANY PIPING.
- P.O.C. NEW 2" VENT LINE TO EXISTING VENT LINE IN WALL. FIELD VERIFY EXACT LOCATION PRIOR TO INSTALLATION OF ANY PIPING.
- PROJECT ALTERNATE 1. SEE ARCHITECTURAL DRAWINGS, SHEET G0.00.



DSA APP: 01-121329  
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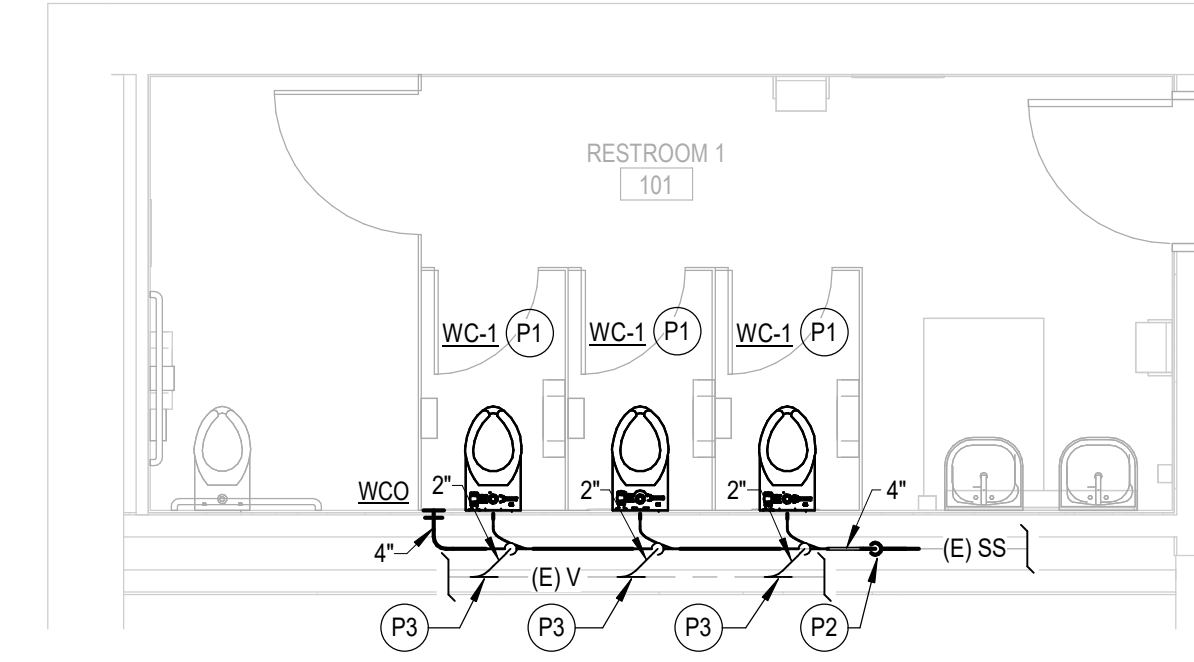
DSA BACKCHECK SET

03/05/2024  
 Revisions

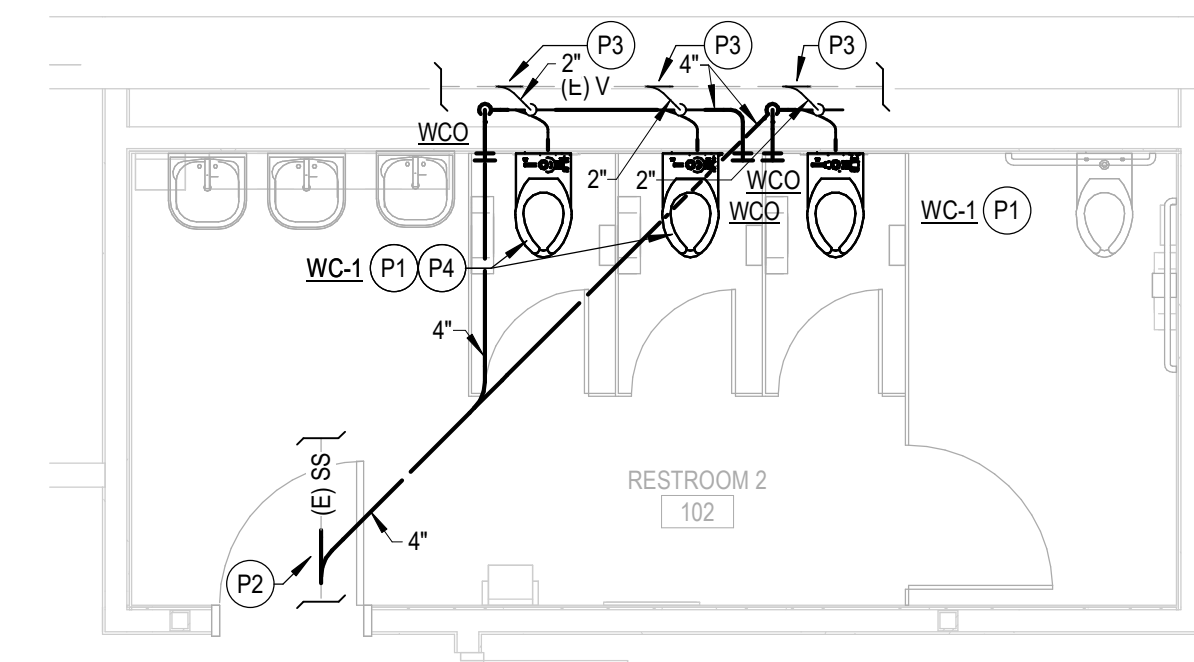
DLR GROUP PROJECT NUMBER:  
 75-24104-00

PLUMBING NEW & ENLARGED FLOOR PLANS - HEALTH SERVICES - STUDENT UNION BLDG

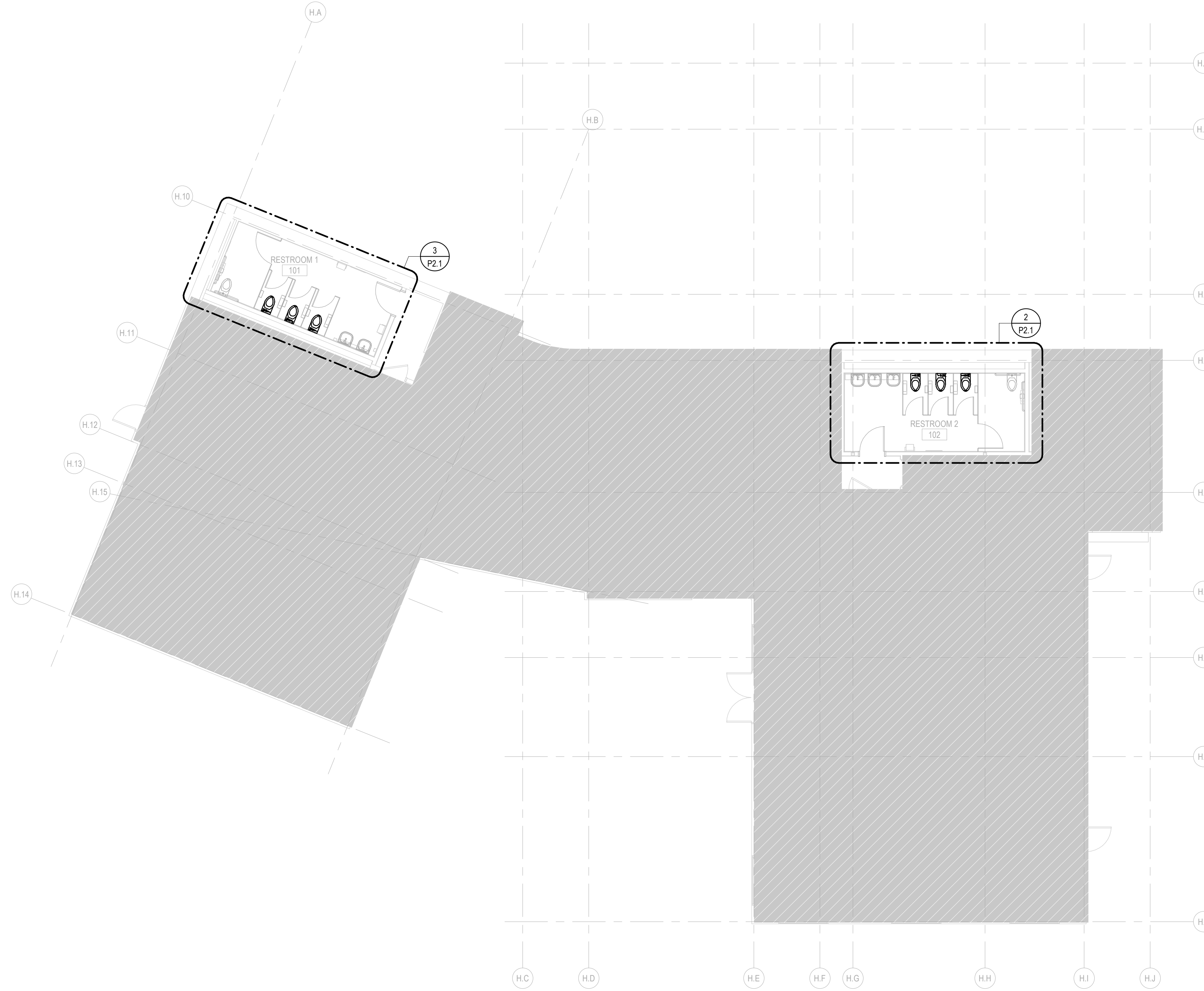
**P2.1**



**3 PLUMBING TOILET ROOM PLAN**  
 SCALE: 1/4" = 1'-0"



**2 PLUMBING TOILET ROOM PLAN**  
 SCALE: 1/4" = 1'-0"



**PLUMBING PLAN - HEALTH SERVICES - STUDENT UNION BLDG**  
 SCALE: 1/8" = 1'-0"