



PROJECT NO:	623309
DATE:	April 11, 2023
REVISIONS	
DATE	DESCRIPTION

### KEYNOTES

1. KEYNOTES ARE GENERALLY ASSOCIATED WITH A SERIES OF DRAWINGS (e.g., A3.2.n, A5.1.n); THEREFORE KEYNOTE NUMBERS FROM SERIES TO SERIES WILL VARY (i.e., KEYNOTE NO. 1 IN THE A3.2.n SERIES WILL BE DIFFERENT FROM KEYNOTE NO. 1 IN THE A5.1.n SERIES).

KEYNOTE (1 TO 2 DIGITS)  
 KEYNOTE (3 DIGITS ONLY)  
 SIZE, THICKNESS, OR OTHER DESCRIPTIVE INFORMATION

### ARCHITECTURAL GRAPHIC SYMBOL LEGEND

REFER TO A3.0.1 FOR FINISH SCHEDULE

SUPERVISOR'S OFFICE SPACE  
 100 SF  
 BUILDING \*PART NUMBER IN MULTI-PART BUILDING

WALL OR MISC SECTION WHERE CUT  
 WALL SECTION NUMBER DRAWING NUMBER WHERE WALL SECTION IS INDICATED

BUILDING SECTION WHERE CUT  
 SECTION NUMBER DRAWING NUMBER WHERE SECTION IS INDICATED

INTERIOR OR EXTERIOR ELEVATION WHERE CUT  
 ELEVATION NUMBER DRAWING NUMBER WHERE ELEVATION IS INDICATED  
 MULTIPLE ELEVATIONS

INTERIOR ARCHITECTURAL WOODWORK (CASEWORK) ELEVATION

### PLAN TITLE

1/8"=1'-0"

### DETAIL TITLE

1/2"=1'-0"

DETAIL NUMBER OR LETTER  
 DRAWING NUMBER WHERE DETAIL IS INDICATED  
 DRAWING NUMBER WHERE DETAIL IS CUT  
 ADDITIONAL DRAWING NUMBERS WHERE DETAIL IS CUT

### CASEWORK TITLE

1/4"=1'-0"

CASEWORK ELEVATION NUMBER

### ARCHITECTURAL ABBREVIATIONS

A/P.T	ACCENT PAINT	FO	FACE OF
A.F.F	ABOVE FINISHED FLOOR	HORIZ	HORIZONTAL
ALT	ALTERNATE	HT	HEIGHT
CAB	CABINET	ID	INSIDE DIAMETER
CG	CORNER GUARD	IN	INCH, INCHES
CL.R	CLEAR	INCL	INCLUDE, INCLUDING
CT	CERAMIC TILE	INFO	INFORMATION
DEMO	DEMOLITION	INST	INSTALLATION
DIM	DIMENSION	INT	INTERIOR
EA	EACH	L	LENGTH/LONG
EL	ELEVATION	LAM	LAMINATE
EQ	EQUAL	LAV	LAVATORY
ETR	EXISTING TO REMAIN	LH	LEFT HAND
EX	EXISTING	MAX	MAXIMUM
EXH	EXHAUST	MFR	MANUFACTURER
FIN	FINISHED	MIN	MINIMUM
FLR	FLOOR	MIR	MIRROR
FLRG	FLOORING	MISC	MISCELLANEOUS

### ARCHITECTURAL GENERAL NOTES

A. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.

B. ELEMENTS THAT ARE IDENTIFIED BY OTHER DISCIPLINES (e.g., CIVIL, STRUCTURAL, PLUMBING, FIRE PROTECTION, MECHANICAL, ELECTRICAL) ELSEWHERE WITHIN THE ARCHITECTURAL SERIES OF DRAWINGS AND/OR SPECIFICATIONS, OR IDENTIFIED OR COVERED BY DEFAULTS (e.g., SIZES, THICKNESS, SPACING, MATERIALS) IN THE SPECIFICATIONS MAY NOT BE ANNOTATED (NOTE OR KEYNOTED) ON THESE DRAWINGS.

C. ELEMENTS IDENTIFIED IN "LEGENDS" AND/OR "GENERAL NOTES" MAY NOT BE NOTED IN DETAILS, OR SECTIONS, AS THESE ELEMENTS ARE IDENTIFIED IN THE LEGENDS (e.g., FACE BRICK, CMU, WINDOWS).

D. REFER TO "ASSEMBLIES" FOR MATERIALS AND COMPONENTS THAT MAKE UP THAT PARTICULAR ASSEMBLY (e.g., EXTERIOR WALL ASSEMBLIES, ROOF ASSEMBLIES, AND FIRE-RATED ASSEMBLIES). ONCE A PARTICULAR ASSEMBLY HAS BEEN IDENTIFIED ON ONE DRAWING, THAT SAME ASSEMBLY GRAPHIC SHALL APPLY TO ALL OTHER SIMILAR LOCATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE. PROVIDE THAT SAME ASSEMBLY AT THE SIMILAR LOCATION WHETHER THE ASSEMBLY GRAPHIC SYMBOL IS SHOWN OR NOT.

E. VERIFY ALL DIMENSIONS, INCLUDING DIMENSIONS ON STRUCTURAL DRAWINGS AND OTHER ARCHITECTURAL DRAWINGS. IMMEDIATELY NOTIFY ARCHITECT OF ANY DISCREPANCIES.

F. PROVIDE CONCRETE HOUSEKEEPING PADS FOR ALL EQUIPMENT INDICATED TO BE MOUNTED OR OTHERWISE REQUIRED TO BE MOUNTED TO THE FLOOR. WHERE PADS ARE NOT SHOWN, PROVIDE 6" THICK CONCRETE PADS W/ 3/4" CHAMFERED EDGES (ALL SIDES), REINFORCE WITH MESH EQUIVALENT TO FLOOR SLAB REINFORCING REQUIREMENTS.

### DEMOLITION PLAN KEYNOTES

REPRESENTED BY [Symbol]

APPLIES TO DRAWINGS A1.0

1	REMOVE EXISTING FLOOR FINISH AND WALL BASE
2	SALVAGE ALL SOAP DISPENSERS AND PAPER TOWEL DISPENSERS AND DELIVER TO OWNER.
3	REMOVE EXISTING WALL AND BASE CABINETS, INCLUDING SINK.
4	EXISTING CASEWORK TO REMAIN

### DEMOLITION PLAN LEGEND

APPLIES TO DRAWINGS A1.0

[Symbol]	EXISTING PARTITION/ WALL/ ITEM TO REMAIN
[Symbol]	REMOVE EXISTING PLUMBING FIXTURE. REFER TO PLUMBING DEMOLITION PLAN FOR ADDITIONAL INFORMATION.
[Symbol]	REMOVE ALL EXISTING FINISH FLOORING
[Symbol]	EXISTING FINISHED FLOORING TO REMAIN

### DEMOLITION PLAN GENERAL NOTES

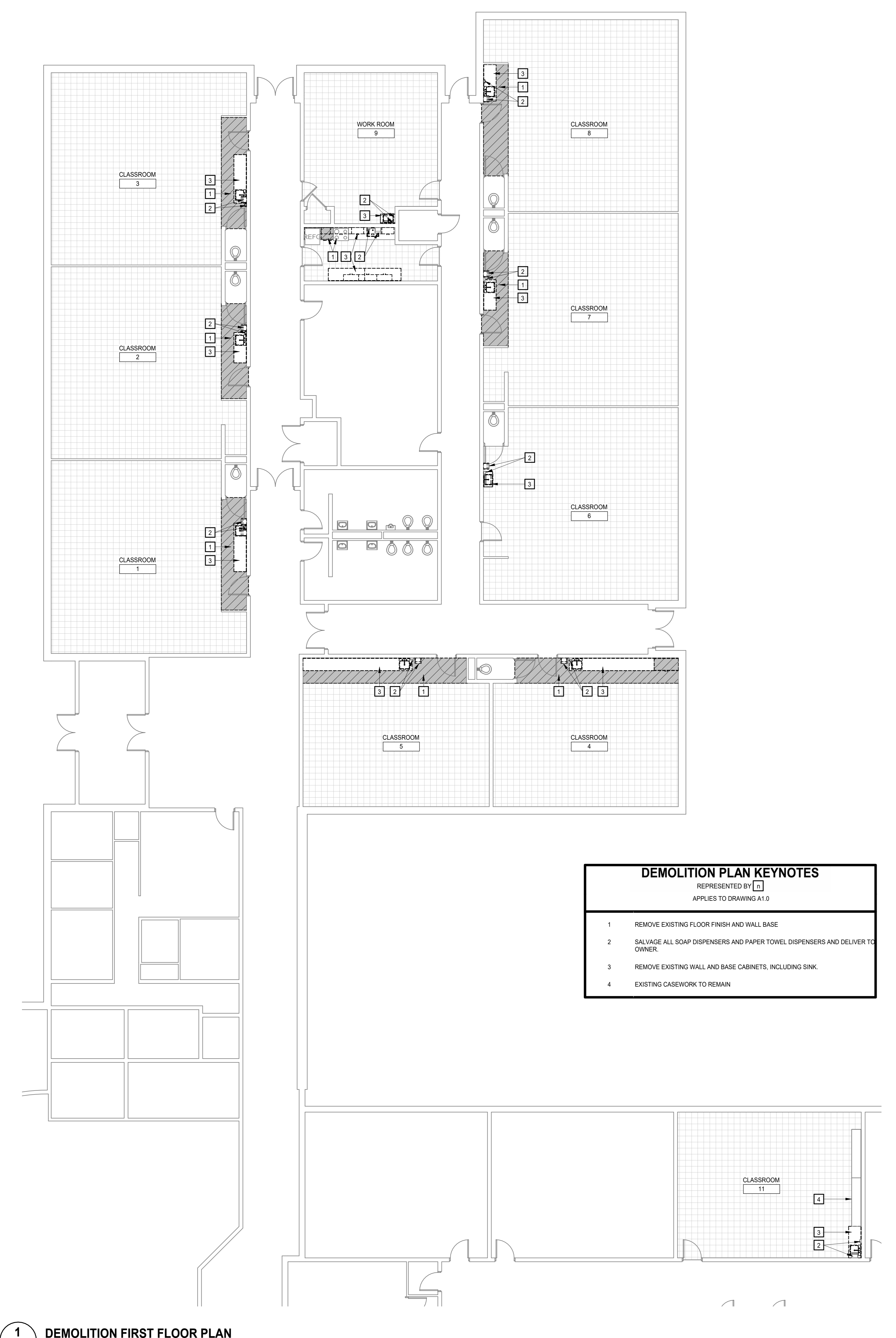
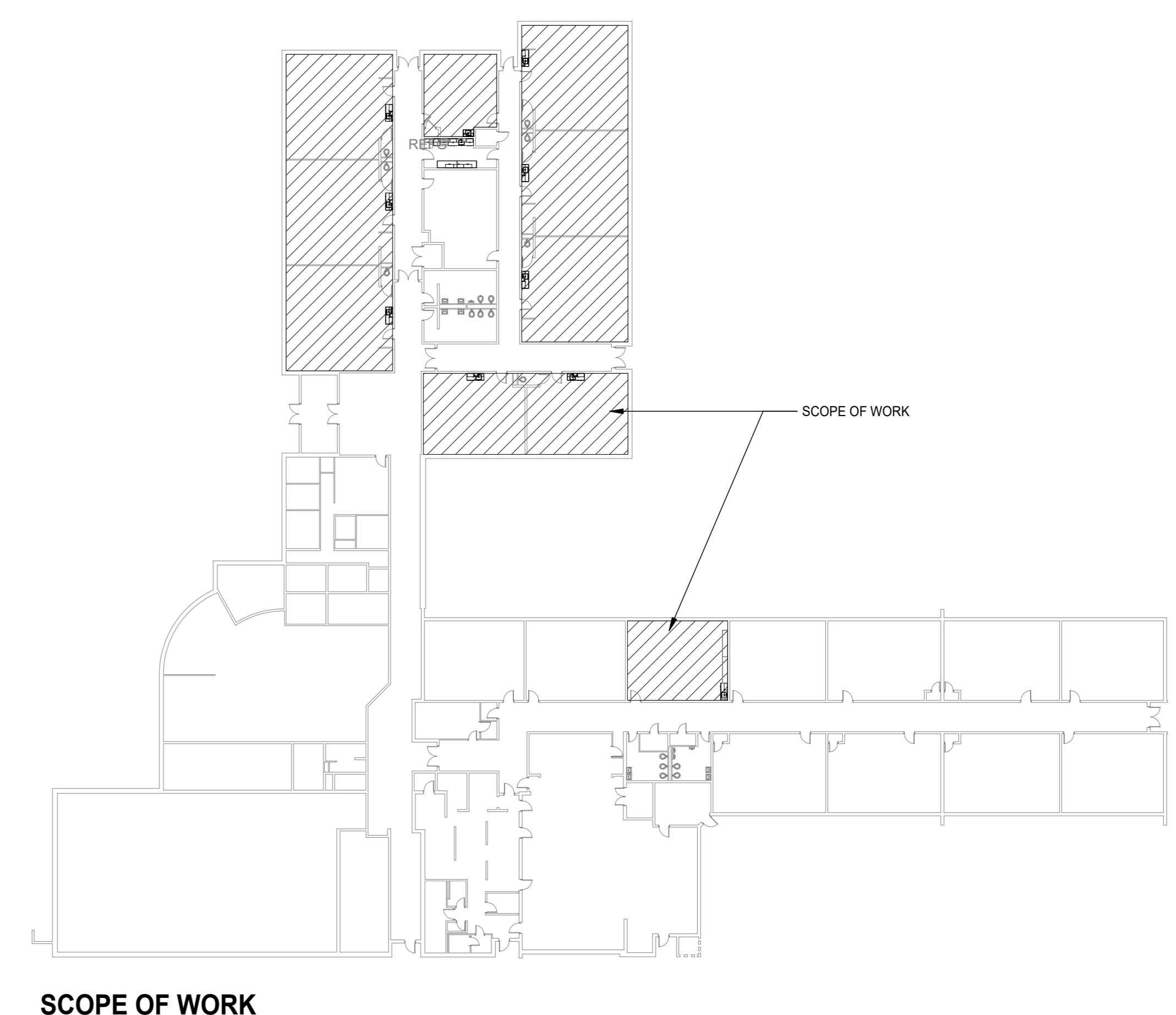
A. PLAN DIMENSIONS ARE TO FACE OF WALL OR CENTERLINE OF STRUCTURAL FRAMING, UNLESS NOTED OTHERWISE. ALL DIMENSIONS SHOWN FOR EXISTING CONSTRUCTION ARE APPROXIMATE. FIELD VERIFY ALL DIMENSIONS.

B. DEMOLITION WORK NOTED ON THESE DRAWINGS INVOLVES THE REMOVAL OF EXISTING CONSTRUCTION UNDER THIS CONTRACT, AND SHALL BE COORDINATED WITH CORRESPONDING RENOVATION FLOOR PLANS AND DETAILS. REMOVE EXISTING CONSTRUCTION AS INDICATED FOR FINISH CONSTRUCTION AND NEW WORK TO CONFORM TO CONTRACT DOCUMENTS.

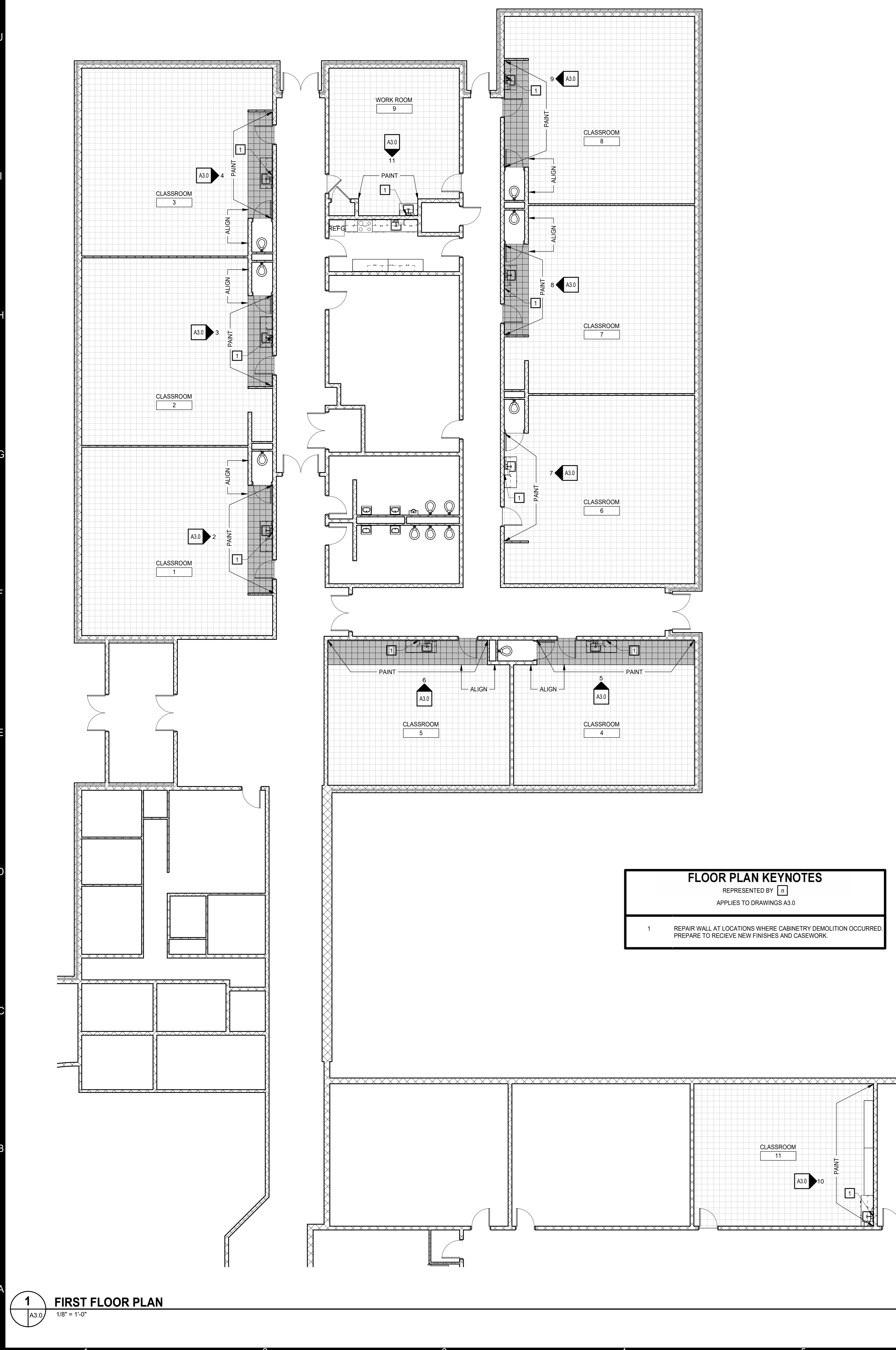
C. DETAILS OF EXISTING CONDITIONS: ACTUAL FIELD CONDITIONS WHICH ARE CONCEALED BY EXISTING CONSTRUCTION MAY VARY FROM THOSE CONDITIONS INDICATED ON THE DRAWINGS. ALL WORK THAT RELATES TO OR IS IN ANY WAY AFFECTED BY EXISTING CONDITIONS WHICH VARY FROM THOSE INDICATED SHALL BE MODIFIED TO ACHIEVE THE INTENT OF THE CONTRACT DOCUMENTS, ACCORDING TO FIELD ASSESSMENTS AND MEASUREMENTS. REPORT DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH AFFECTED ASPECTS OF DEMOLITION OR CONSTRUCTION.

D. REFER TO APPLICABLE PLUMBING DEMOLITION PLANS FOR ADDITIONAL INFORMATION.

E. ITEMS IDENTIFIED TO BE SALVAGED SHALL BE DELIVERED TO A STORAGE AREA DESIGNATED BY THE OWNER FOR THIS PURPOSE. ITEMS OWNER CHOOSES TO RETAIN SHALL BE RELOCATED FROM THE STORAGE AREA BY OWNER (I.C.). ALL OTHER ITEMS SHALL BE SUBSEQUENTLY REMOVED & DISPOSED OF BY THE CONTRACTOR.



**1**  
 A1.0  
 1/8" = 1'-0"  
**DEMOLITION FIRST FLOOR PLAN**



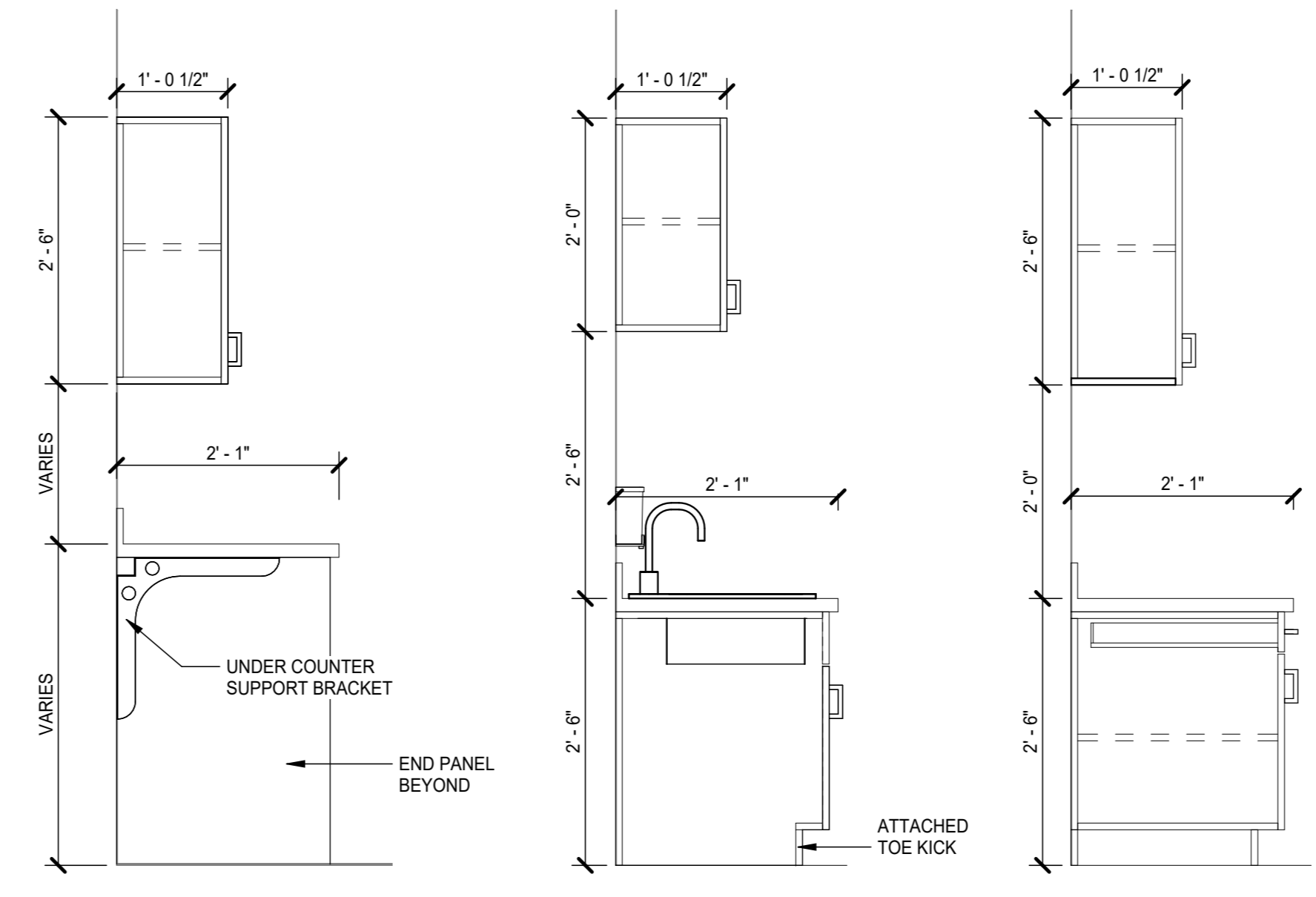
**1 FIRST FLOOR PLAN**  
1/8" = 1'-0"

**FLOOR PLAN KEYNOTES**  
REPRESENTED BY [Symbol]  
APPLIES TO DRAWINGS A3.0

1 REPAIR WALL AT LOCATIONS WHERE CABINERY DEMOLITION OCCURRED. PREPARE TO RECEIVE NEW FINISHES AND CASEWORK.

FINISH SCHEDULE											
NUMBER	NAME	FLOOR	BASE	WALLS				WAINSCOT	CEILING	NOTES	
				NORTH	EAST	SOUTH	WEST				
1	CLASSROOM	EX / VCT	EX / RB	EX	PT	EX	EX	EX	EX	SEE PLAN FOR EXTENTS OF VCT AND PAINT.	
2	CLASSROOM	EX / VCT	EX / RB	EX	PT	EX	EX	EX	EX	SEE PLAN FOR EXTENTS OF VCT AND PAINT.	
3	CLASSROOM	EX / VCT	EX / RB	EX	PT	EX	EX	EX	EX	SEE PLAN FOR EXTENTS OF VCT AND PAINT.	
4	CLASSROOM	EX / VCT	EX / RB	PT	EX	EX	EX	EX	EX	SEE PLAN FOR EXTENTS OF VCT AND PAINT.	
5	CLASSROOM	EX / VCT	EX / RB	PT	EX	EX	EX	EX	EX	SEE PLAN FOR EXTENTS OF VCT AND PAINT.	
6	CLASSROOM	EX	EX	EX	EX	EX	PT	EX	EX	SEE PLAN FOR EXTENTS OF PAINT.	
7	CLASSROOM	EX / VCT	EX / RB	EX	EX	EX	PT	EX	EX	SEE PLAN FOR EXTENTS OF VCT AND PAINT.	
8	CLASSROOM	EX / VCT	EX / RB	EX	EX	EX	PT	EX	EX	SEE PLAN FOR EXTENTS OF VCT AND PAINT.	
9	WORK ROOM	EX	EX	EX	EX	PT	EX	EX	EX	SEE PLAN FOR EXTENTS OF PAINT.	
11	CLASSROOM	EX	EX	EX	PT	EX	EX	EX	EX	SEE PLAN FOR EXTENTS OF PAINT.	

BASIS-OF-DESIGN INTERIOR FINISH LEGEND					
SPECIFICATION	Specification (Hidden)	DESCRIPTION	MATERIAL	MANUFACTURER	PRODUCT - COLOR
98513		RESILIENT BASE	RB	TARKETT	COLOR & SIZE TO MATCH EXISTING
96519		VINYL COMPOSITION TILE	VCT-1	ARMSTRONG STANDARD EXCELON	COLOR: TBD
96519		VINYL COMPOSITION TILE	VCT-2	ARMSTRONG STANDARD EXCELON	COLOR: TBD
96519		VINYL COMPOSITION TILE	VCT-3	ARMSTRONG STANDARD EXCELON	COLOR: TBD
99100		PAINT	PT-1 (WALLS)	SHERWIN WILLIAMS	COLOR: AESTHETIC WHITE SW7035; FINISH: SEMI-GLOSS
99100		PAINT	PT-2 (DOOR TRIM)	SHERWIN WILLIAMS	COLOR: ACCESSIBLE BEIGE SW7036; FINISH: SEMI-GLOSS
123216		PLASTIC LAMINATE	PLAM-1 (CABINETS)	WILSONART	COLOR: KENSINGTON MAPLE #10776-60
123623		PLASTIC LAMINATE	PLAM-2 (COUNTERTOP & BACKSPASHES)	WILSONART	COLOR: STEEL MESH #4879-60



**16 SECTION** 3/4" = 1'-0"  
**15 SECTION** 3/4" = 1'-0"  
**14 SECTION** 3/4" = 1'-0"

**CASEWORK GENERAL NOTES**

A. UNLESS INDICATED OTHERWISE, ALL COUNTERTOPS:  
 • 2'-10" AFF OR 2'-10" TO TOP OF RIM AT DROP-IN SINKS AND LAVATORIES WHERE OCCURS  
 • 2'-1" DEEP  
 • HIGH PRESSURE LAMINATE  
 • BACKSPASHES: 4" HIGH AT ALL SIDES AND BACK  
 • EXTEND COUNTERTOP 1/2" PAST BASE CABINET AT ALL EXPOSED CASEWORK ENDS

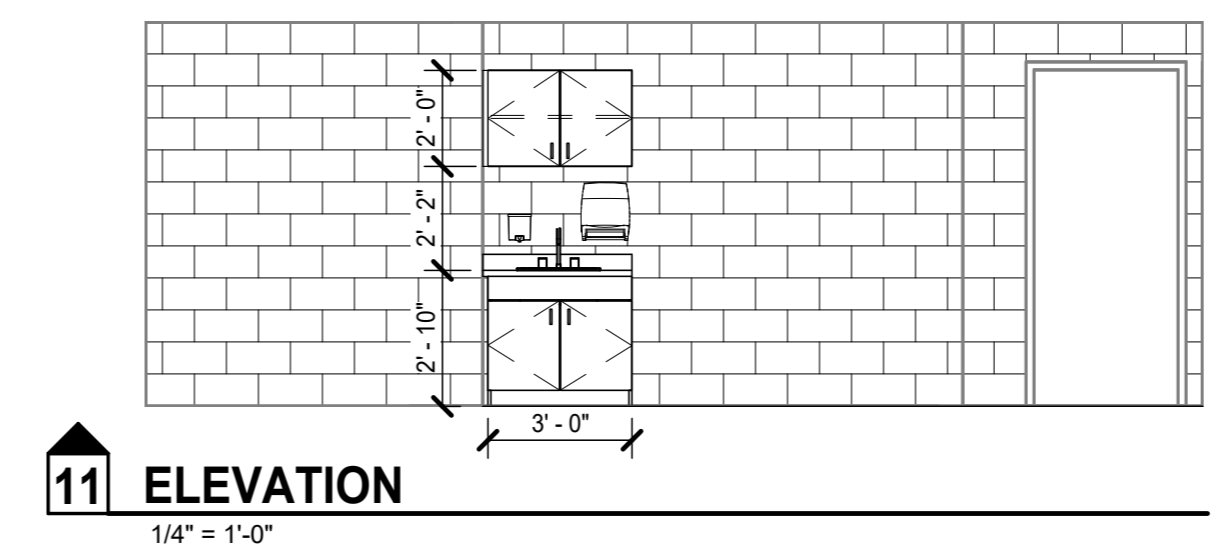
B. UNLESS INDICATED OTHERWISE, ALL BASE CABINET(S):  
 • 2'-0" DEEP NOMINAL  
 • TOE KICKS: 4" HIGH AND 3" DEEP

C. UNLESS INDICATED OTHERWISE, ALL WALL CABINET(S):  
 • 1'-0 1/2" DEEP NOMINAL  
 • 2'-0" HIGH  
 • TOP AT 7'-0" AFF  
 • MINIMUM 11" CLEAR INTERIOR DEPTH

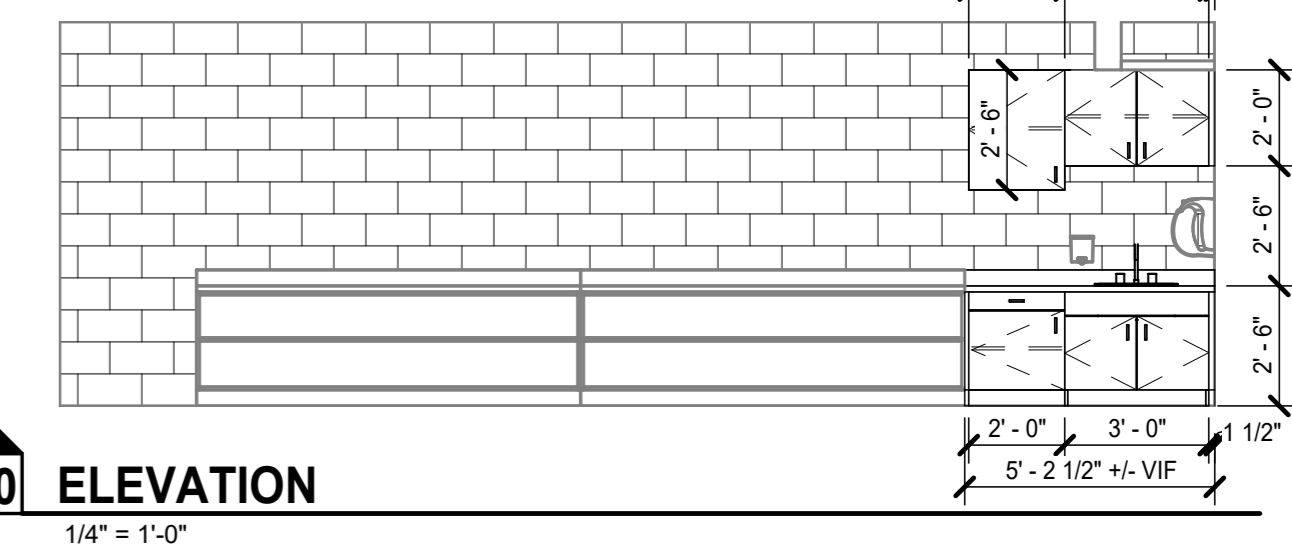
D. ALL SHELVES: ADJUSTABLE UNLESS INDICATED OTHERWISE.

E. PROVIDE FINISH END PANELS AT ALL EXPOSED CASEWORK ENDS.

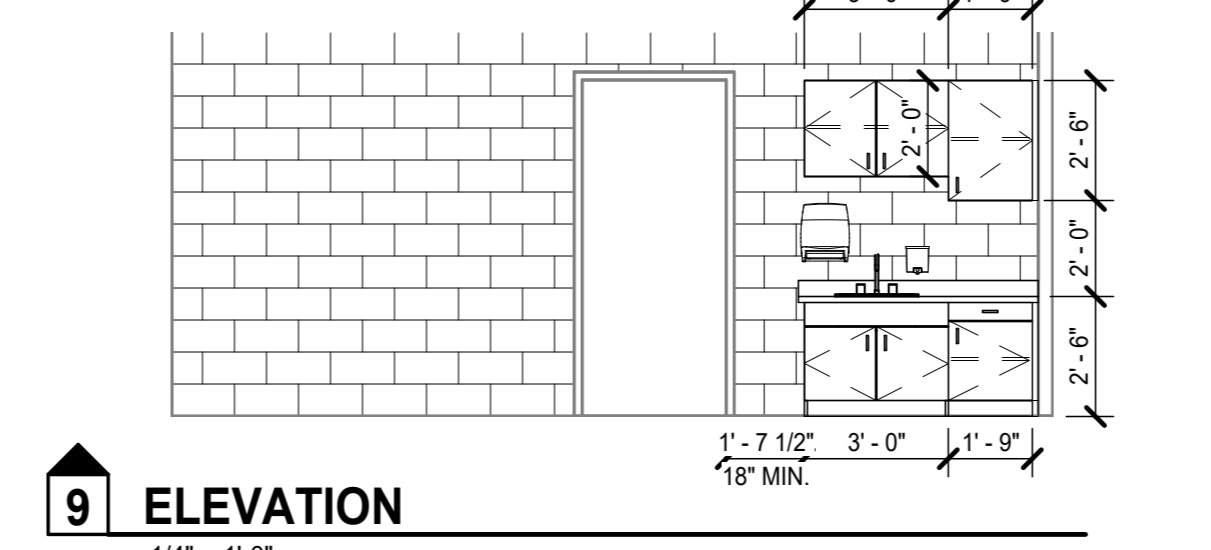
F. ALL CASEWORK: PROVIDE LOCKS AT ALL DOORS AND DRAWERS.



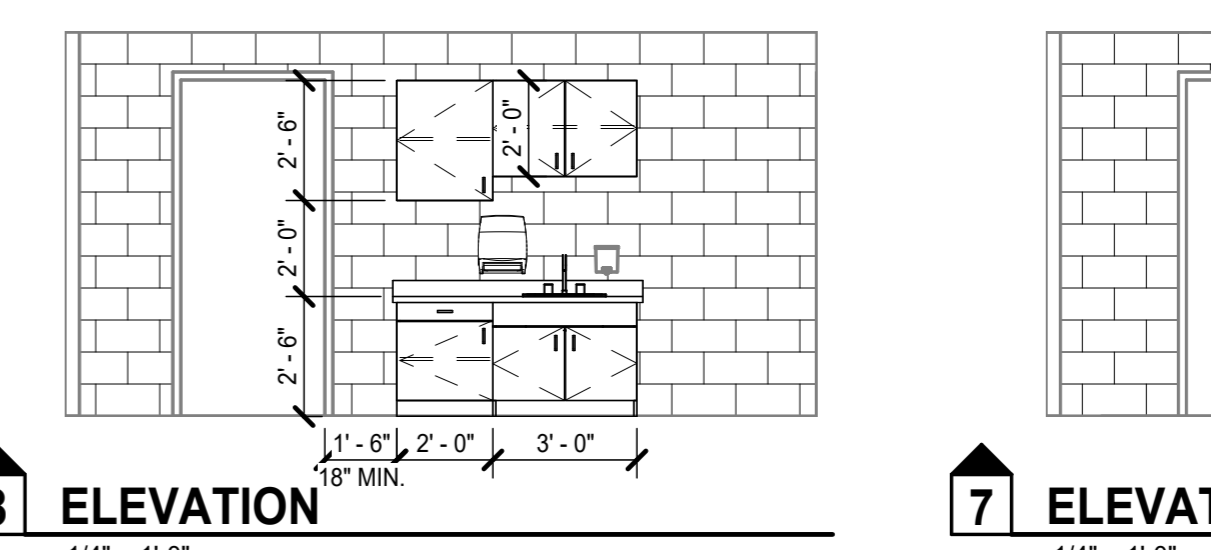
**11 ELEVATION** 1/4" = 1'-0"



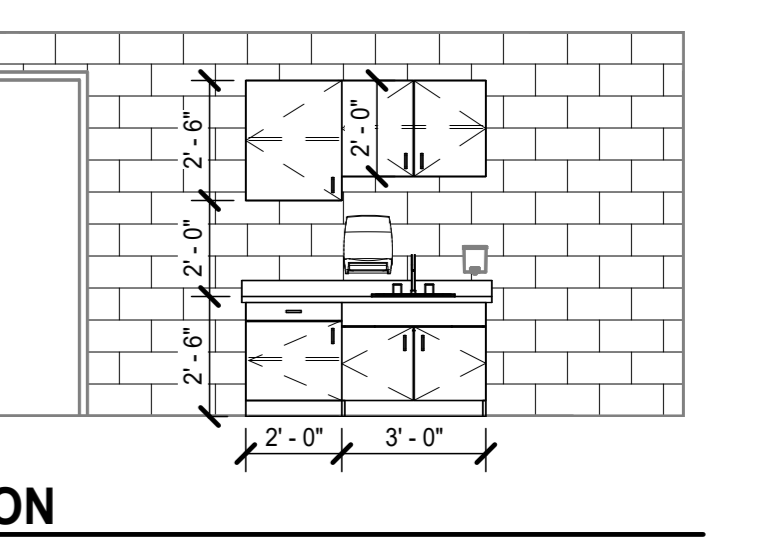
**10 ELEVATION** 1/4" = 1'-0"



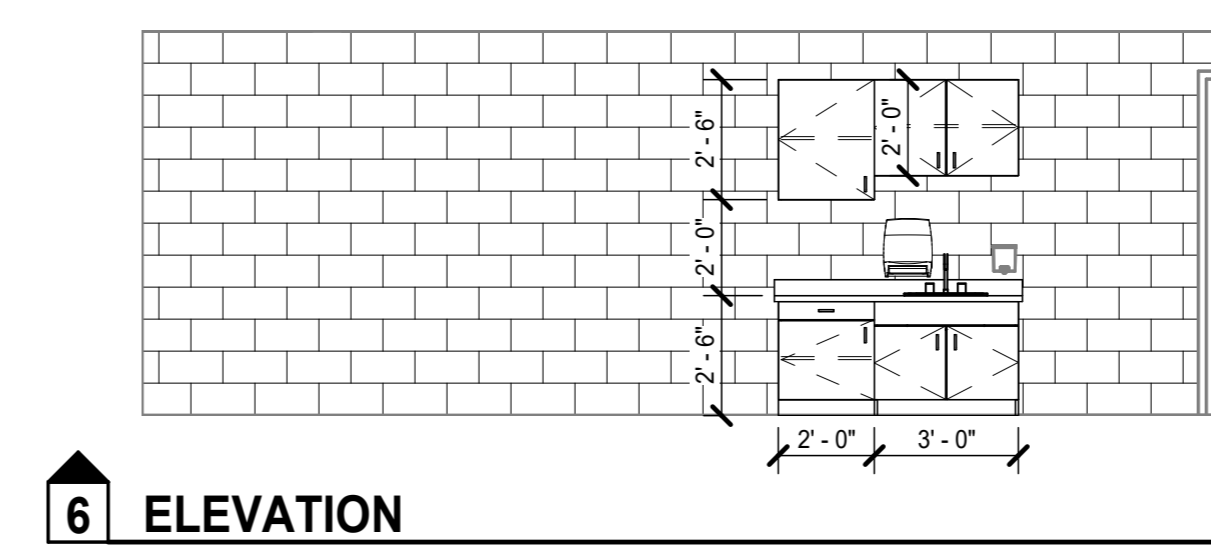
**9 ELEVATION** 1/4" = 1'-0"



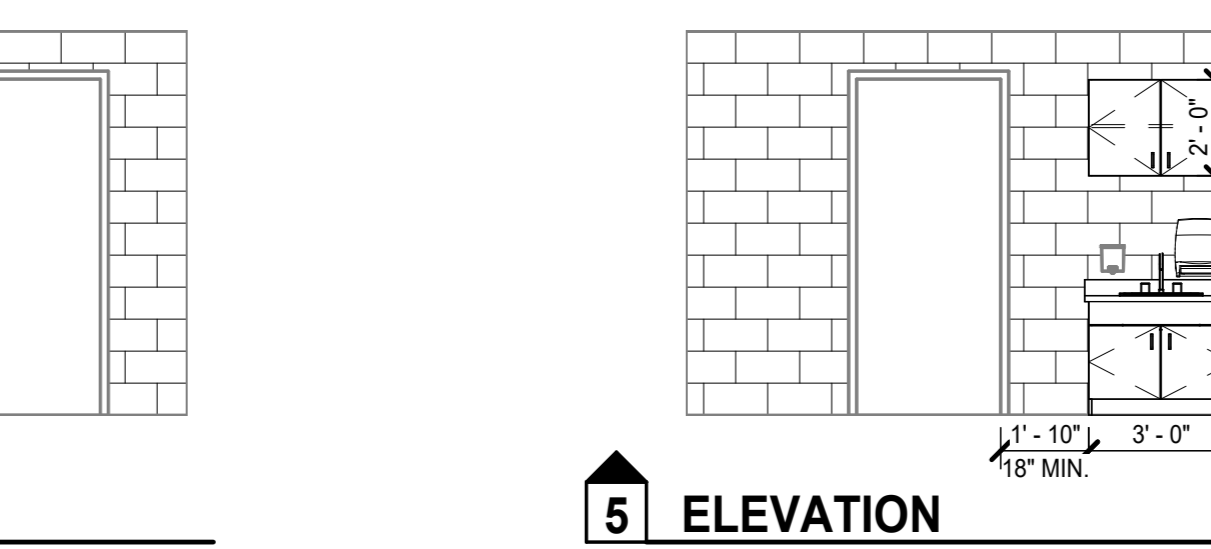
**8 ELEVATION** 1/4" = 1'-0"



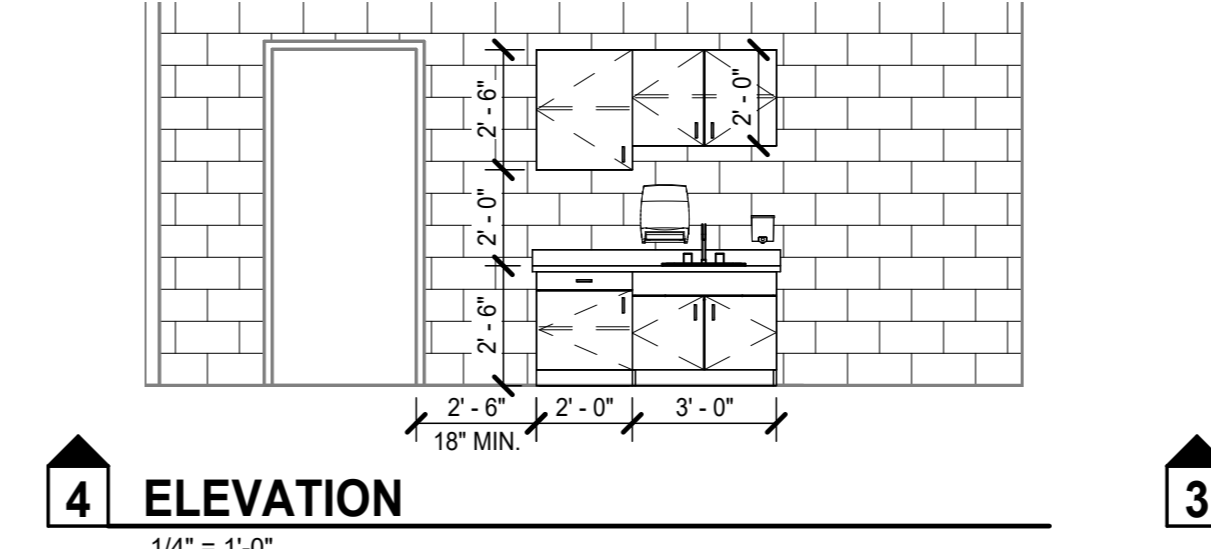
**7 ELEVATION** 1/4" = 1'-0"



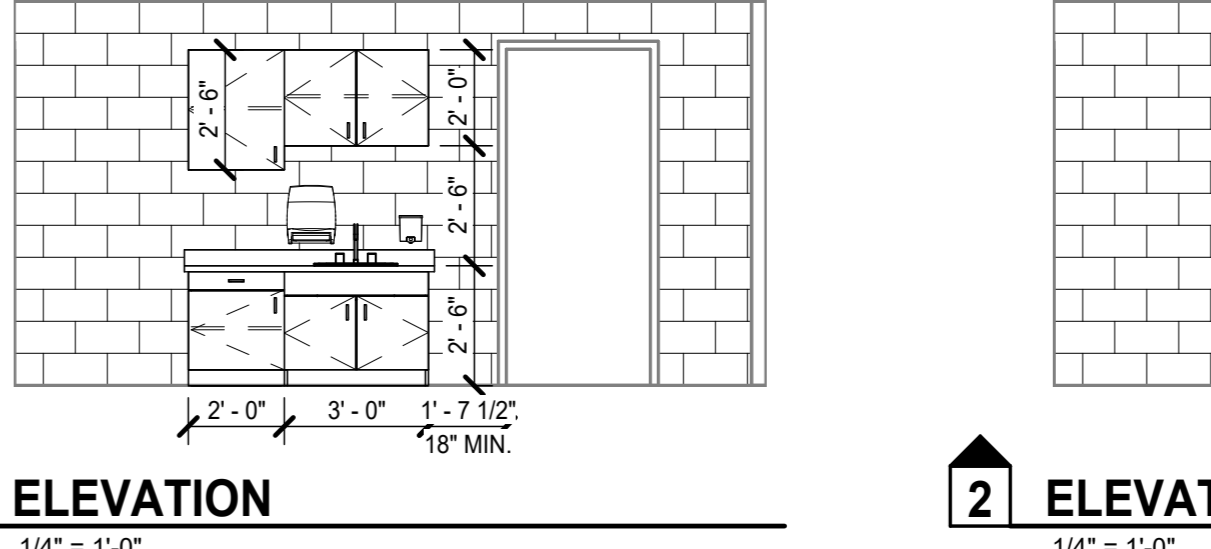
**6 ELEVATION** 1/4" = 1'-0"



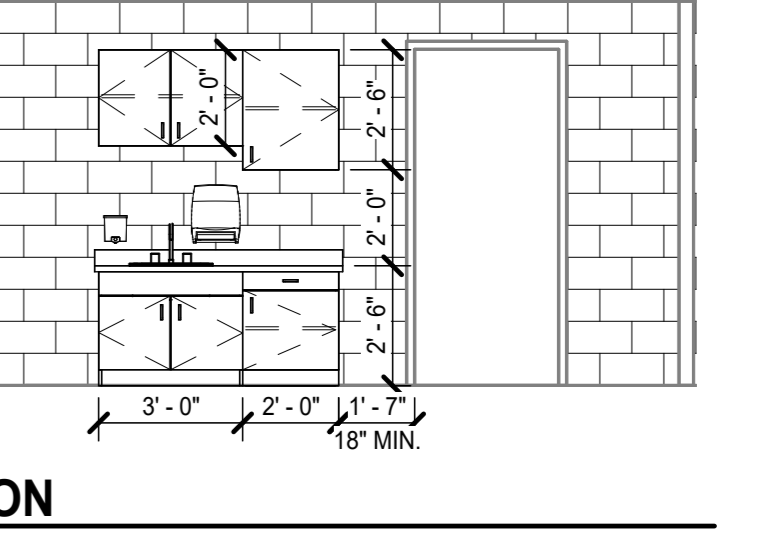
**5 ELEVATION** 1/4" = 1'-0"



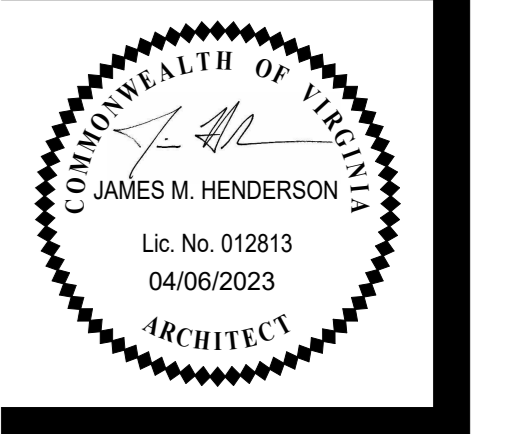
**4 ELEVATION** 1/4" = 1'-0"



**3 ELEVATION** 1/4" = 1'-0"



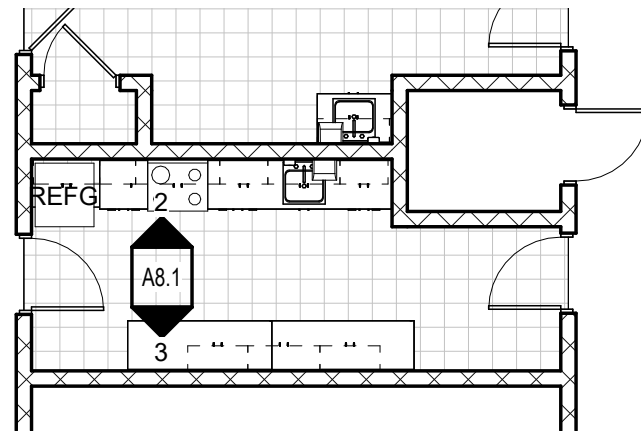
**2 ELEVATION** 1/4" = 1'-0"



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## CASEWORK GENERAL NOTES

- A. UNLESS INDICATED OTHERWISE, ALL COUNTERTOP(S):
- 2'-10" AFF OR 2'-10" TO TOP OF RIM AT DROP-IN SINKS AND LAVATORIES WHERE OCCURS
  - 2'-1" DEEP
  - HIGH PRESSURE LAMINATE
  - BACKSPLASHES: 4" HIGH AT ALL SIDES AND BACK
  - EXTEND COUNTERTOP 1/2" PAST BASE CABINET AT ALL EXPOSED CASEWORK ENDS
- B. UNLESS INDICATED OTHERWISE, ALL BASE CABINET(S):
- 2'-0" DEEP NOMINAL
  - TOE KICKS: 4" HIGH AND 3" DEEP
- C. UNLESS INDICATED OTHERWISE, ALL WALL CABINET(S):
- 1'-0 1/2" DEEP NOMINAL
  - 2'-6" HIGH
  - TOP AT 7'-0" AFF
  - MINIMUM 11" CLEAR INTERIOR DEPTH
- D. ALL SHELVES: ADJUSTABLE UNLESS INDICATED OTHERWISE.
- E. PROVIDE FINISH END PANELS AT ALL EXPOSED CASEWORK ENDS.
- F. ALL CASEWORK: PROVIDE LOCKS AT ALL DOORS AND DRAWERS.

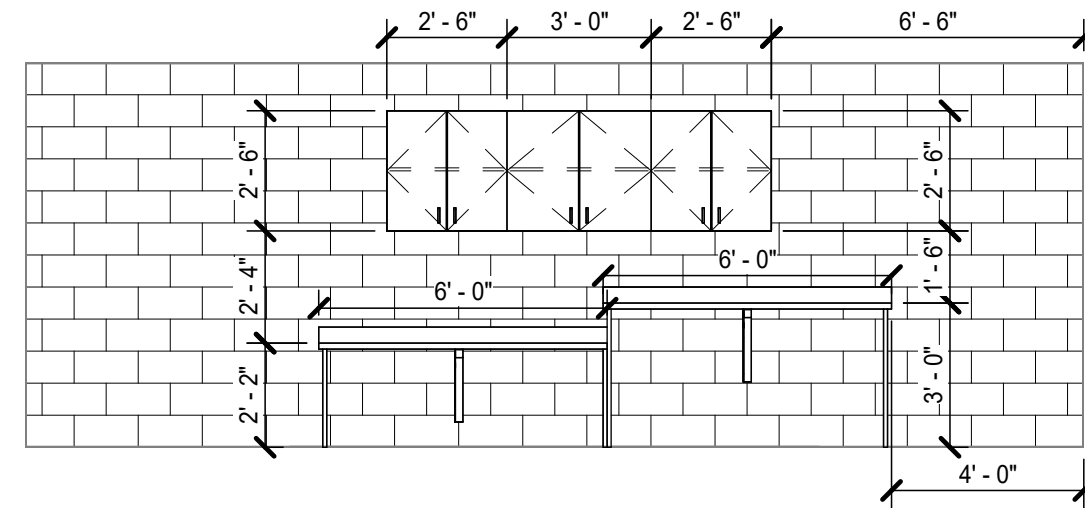


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### KITCHEN FLOOR PLAN

A8.1

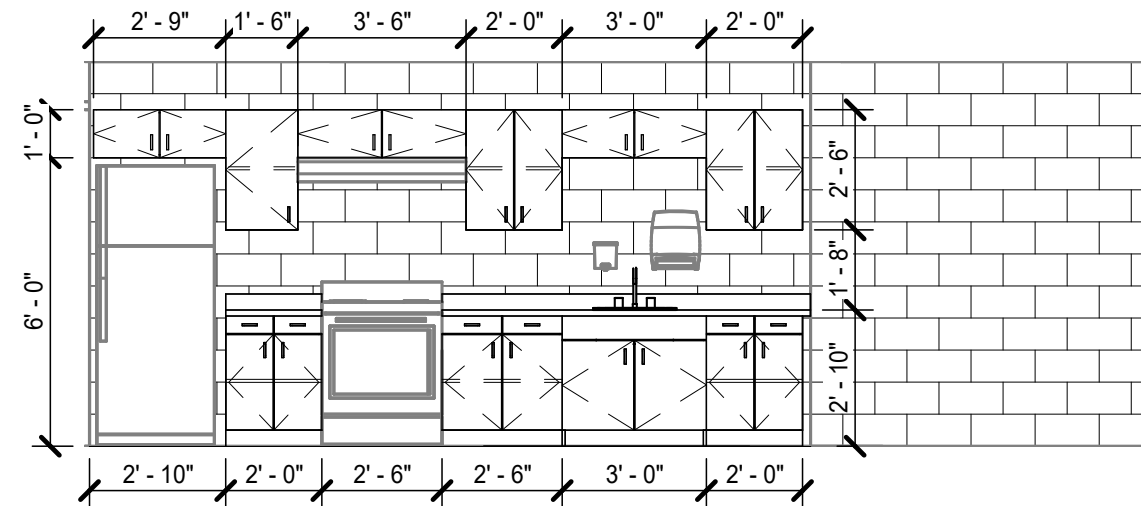
1/8" = 1'-0"



3

### ELEVATION

1/4" = 1'-0"



2

### ELEVATION

1/4" = 1'-0"

A8.1

MURRAY ELEMENTARY SCHOOL

623309

CASEWORK REPLACEMENT

KITCHEN PLANS

MOSELEY ARCHITECTS

85 WEST GAY STREET HARRISONBURG, VIRGINIA 22802  
PHONE (540) 434-1346  
MOSELEYARCHITECTS.COM

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**LEGENDS,  
 ABBREVIATIONS AND  
 GENERAL NOTES**

**GRAPHICS SYMBOLS LEGEND**

PIPE WITH SIZE AND SERVICE  
 FLOW IN DIRECTION OF ARROW  
 PITCH DOWN IN DIRECTION OF ARROW AT INDICATED SLOPE  
 PIPE CAP  
 PIPE TURNED DOWN  
 PIPE TURNED UP  
 PIPE TEE UP  
 PIPE TEE DOWN  
 UNION  
 CONCENTRIC PIPE REDUCTION  
 END OF LINE CLEANOUT PLUG  
 FLOOR CLEANOUT  
 WALL CLEANOUT  
 PIPE CLEANOUT (CLEANOUT TO GRADE)  
 FLOOR DRAIN WITH TAG  
 FLOOR SINK WITH TAG  
 PRESSURE GAUGE WITH GAUGE COCK  
 LIQUID FILLED THERMOMETER  
 WATER HAMMER ARRESTOR (PLUMBING & DRAINAGE INSTITUTE SIZE INDICATED)  
 FLOW SWITCH  
 TEMPERATURE/PRESSURE PLUG  
 VALVE  
 VALVE IN RISER  
 GAS COCK  
 VENTURI FLOW METER  
 MANUAL BALANCING VALVE  
 AUTOMATIC BALANCING VALVE WITH FLOW TAPS  
 SWING CHECK VALVE  
 PRESSURE REDUCING VALVE  
 SOLENOID OPERATED VALVE  
 TEMPERATURE AND PRESSURE RELIEF VALVE  
 BACKWATER VALVE  
 HOSE BIBB OR WALL HYDRANT  
 REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER  
 DOUBLE CHECK BACKFLOW PREVENTER  
 PUMP

POINT OF CONNECTION TO EXISTING  
 LIMIT OF DEMOLITION  
 KEYNOTE  
 STRUCTURAL GRID LINE WITH DESIGNATION  
 SPACE IDENTIFICATION TAG  
 SPACE NUMBER  
 BUILDING AREA (WHEN USED)  
 EQUIPMENT IDENTIFICATION TAG  
 EQUIPMENT NUMBER  
 UNIT DESIGNATION  
 SECTION WHERE CUT  
 SECTION LETTER  
 DRAWING WHERE SECTION IS INDICATED  
 ENLARGED PLAN WHERE CUT  
 ENLARGED PLAN NUMBER  
 DRAWING WHERE ENLARGED PLAN IS INDICATED  
 DETAIL TAG  
 DETAIL NUMBER  
 DRAWING WHERE DETAIL IS INDICATED  
 SANITARY RISER TAG  
 SANITARY RISER IDENTIFIER  
 DRAWING WHERE SANITARY RISER IS TAGGED  
 DOMESTIC RISER TAG  
 DOMESTIC RISER IDENTIFIER  
 DRAWING WHERE DOMESTIC RISER IS TAGGED  
 DETAIL TITLE  
 DETAIL NUMBER  
 DRAWING WHERE DETAIL IS INDICATED  
 DRAWING WHERE DETAIL IS CUT  
 ADDITIONAL DRAWING REFERENCES  
 S1 SANITARY RISER DIAGRAM  
 SANITARY RISER DIAGRAM IDENTIFIER  
 DRAWING WHERE SANITARY RISER IS INDICATED  
 DRAWING WHERE SANITARY RISER IS TAGGED  
 ADDITIONAL DRAWING REFERENCES  
 D1 DOMESTIC RISER DIAGRAM  
 DOMESTIC RISER DIAGRAM IDENTIFIER  
 DRAWING WHERE DOMESTIC RISER IS INDICATED  
 DRAWING WHERE DOMESTIC RISER IS TAGGED  
 ADDITIONAL DRAWING REFERENCES  
 G1 FUEL GAS RISER DIAGRAM  
 FUEL GAS RISER DIAGRAM IDENTIFIER  
 DRAWING WHERE FUEL GAS RISER IS INDICATED  
 DRAWING WHERE FUEL GAS RISER IS TAGGED  
 ADDITIONAL DRAWING REFERENCES

**PLAN GENERAL NOTES**

1 REMOVE AND REPLACE CLASSROOM, WORKROOM, AND KITCHENETTE SINKS IN-KIND COMPLETE. UTILIZE EXISTING UTILITIES PATCH AND REPAIR AS NECESSARY TO FACILITATE NEW FIXTURE INSTALLATIONS. PROVIDE ASSE-1070 POINT-OF-USE THERMOSTATIC MIXING VALVES FOR SINKS EQUAL TO WATTS-POWERS LFUM495 AT EACH SINK UNIT BELOW UNIT CONCEALED WITHIN CASEWORK.

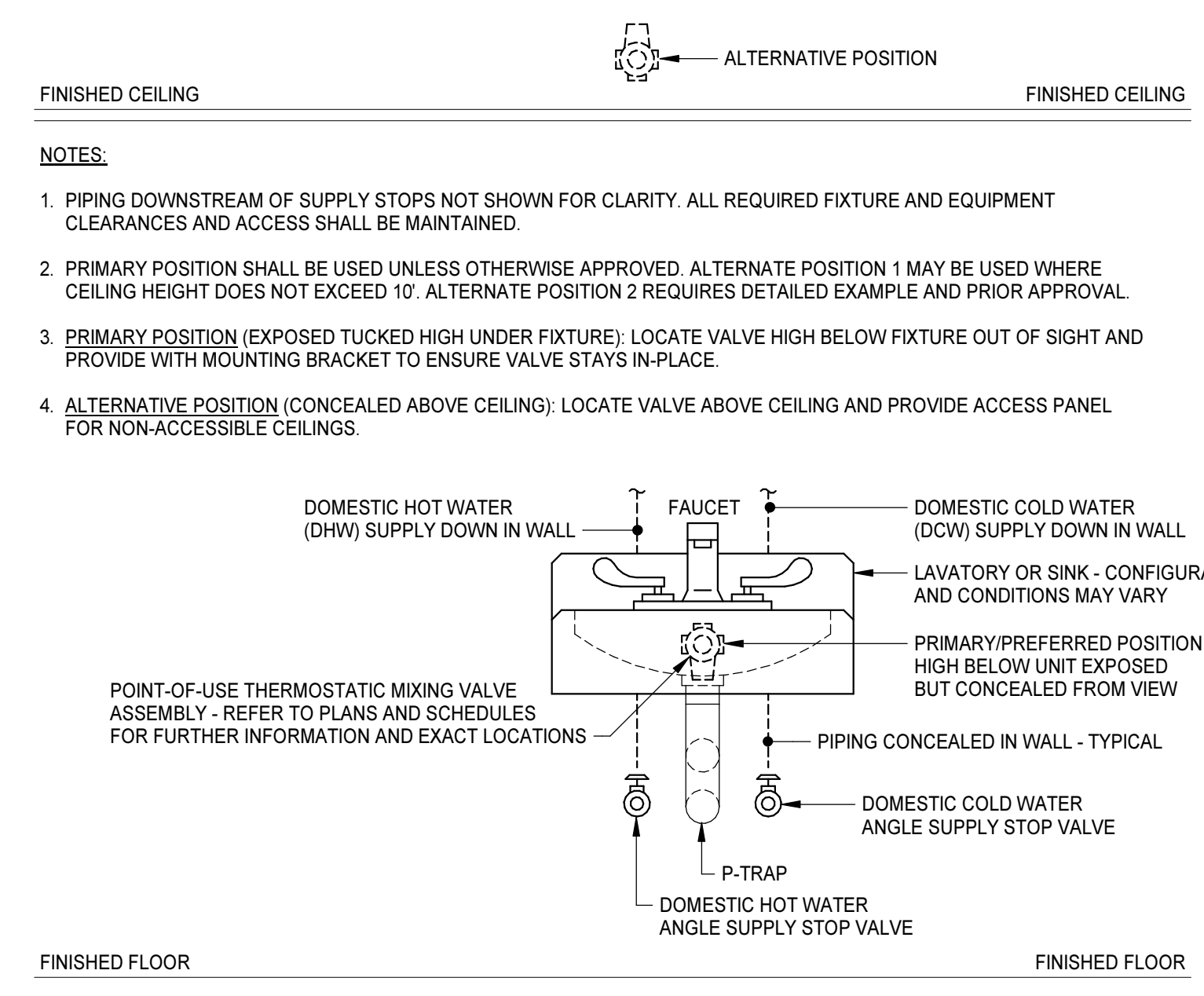
**PLUMBING FIXTURE SCHEDULE**

TAG	FIXTURE	HEIGHT A.F.F.	BASIS OF DESIGN	PIPE SIZE				NOTES
				COLD WATER	HOT WATER	VENT	SOIL WASTE	
SK-1	CLASSROOM SINK - SINGLE BOWL WITH BUBBLER (ACCESSIBLE)	COUNTER MOUNTED REFER TO ARCH DWGS	FIXTURE: JUST CRA-ADA-1925-A-GR/GL FAUCET: CHICAGO 895-GNZAESBACP BUBBLER: CHICAGO 748-6657-HA3CP	1/2"	1/2"	1 1/2"	1 1/2"	1, 2
SK-2	KITCHENETTE SINK - SINGLE BOWL (ACCESSIBLE)	COUNTER MOUNTED REFER TO ARCH DWGS	FIXTURE: JUST SL-ADA-1921-A-GR FAUCET: CHICAGO 895-GNZAESBACP	1/2"	1/2"	1 1/2"	1 1/2"	1, 2

1. THIS ACCESSIBLE FIXTURE, ACCESSORIES, AND INSTALLATION SHALL CONFORM TO THE USBC AND ASAD ADA STANDARDS FOR ACCESSIBLE DESIGN.  
 2. PROVIDE ASSE-1070 CERTIFIED MIXING VALVE IN STAINLESS STEEL WALL CABINET, ABOVE CEILING, OR BELOW FIXTURE ACCESSIBLE BUT CONCEALED FROM VIEW.

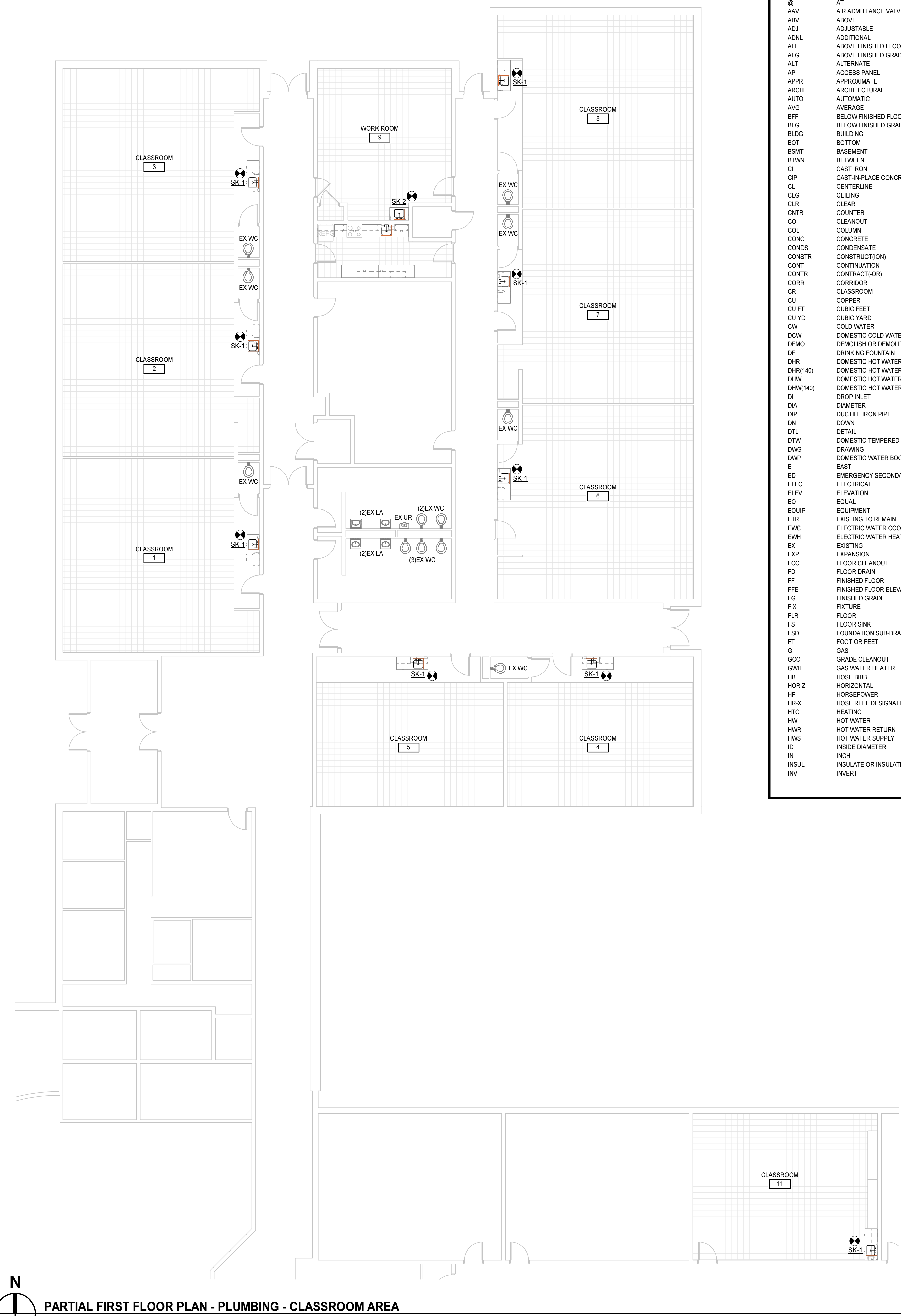
**ABBREVIATIONS**

@	AT	JAN	JANITOR
AAV	AIR ADMITTANCE VALVE	KIT	KITCHEN
ABV	ABOVE	KW	KITCHEN WASTE
ADJ	ADJUSTABLE	LAV	LAVATORY
ADNL	ADDITIONAL	LBS	POUNDS
AFF	ABOVE FINISHED FLOOR	LF	LINEAR FOOT (FEET)
AFG	ABOVE FINISHED GRADE	MATL	MATERIAL
ALT	ALTERNATE	MAX	MAXIMUM
AP	ACCESS PANEL	MECH	MECHANICAL
APPR	APPROXIMATE	MED	MEDIUM
ARCH	ARCHITECTURAL	MFR	MANUFACTURER
AUTO	AUTOMATIC	MH	MANHOLE
AVG	AVERAGE	MIN	MINIMUM
BFF	BELOW FINISHED FLOOR	MISC	MISCELLANEOUS
BFG	BELOW FINISHED GRADE	MTO	MOUNTED
BLDG	BUILDING	N	NORTH
BOT	BOTTOM	N/A	NOT APPLICABLE/AVAILABLE
BSMT	BASEMENT	NC	NORMALLY CLOSED
BTWN	BETWEEN	NG	NATURAL GAS
CI	CAST IRON	NGV	NATURAL GAS VENT
CIP	CAST-IN-PLACE CONCRETE	NIC	NOT IN CONTRACT
CL	CENTERLINE	NO	NORMALLY OPEN
CLG	CEILING	NO. (#)	NUMBER
CLR	CLEAR	NOM	NOMINAL
CNTR	COUNTER	OC	ON CENTER
CO	CLEANOUT	OD	OUTSIDE DIAMETER
COL	COLUMN	OCFI	OWNER FURNISHED CONTRACTOR INSTALLED
CONC	CONCRETE	OH	OVERHEAD
COND	CONDENSATE	OPNG	OPENING
CONSTR	CONSTRUCTION	OPP	OPPOSITE
CONT	CONTINUATION	OSD	OPEN SITE DRAIN
CONTR	CONTRACT (OR)	OSF	POUNDS PER CUBIC FOOT
CORR	CORRIDOR	PD	PUMP DISCHARGE
CLASS	CLASSROOM	PLUMB	PLUMBING
CU	COPPER	POLY	POLYETHYLENE
CU FT	CUBIC FEET	PREFAB	PREFABRICATE(D)
CU YD	CUBIC YARD	PROJ	PROJECT
CW	COLD WATER	PSF	POUNDS PER SQUARE FOOT
DCW	DOMESTIC COLD WATER	PSI	POUNDS PER SQUARE INCH
DEMO	DEMOLISH OR DEMOLITION	PVC	POLYVINYL CHLORIDE
DF	DRINKING FOUNTAIN	RCP-X	RECIRCULATION PUMP DESIGNATION
DHR	DOMESTIC HOT WATER RETURN	REF	REFERENCE
DHR(140)	DOMESTIC HOT WATER RETURN (140°)	REQD	REQUIRED
DHW	DOMESTIC HOT WATER	REQMT	REQUIREMENTS
DHW(140)	DOMESTIC HOT WATER (140°)	RM	ROOM
DI	DROP INLET	RO	ROUGH OPENING
DIA	DIAMETER	RV	RADON VENT
DIP	DUCTILE IRON PIPE	S	SOUTH
DN	DOWN	SAN	SANITARY
DTL	DETAIL	SCH	SCHEDULE
DTW	DOMESTIC TEMPERED WATER	SD	STORM DRAINAGE PIPING
DWG	DRAWING	SDN	STORM DRAIN NOZZLE
DWP	DOMESTIC WATER BOOSTER PUMP	SF	SQUARE FOOT/FEET
E	EAST	SHT	SHEET
ED	EMERGENCY SECONDARY ROOF DRAIN	SIM	SIMILAR
ELEC	ELECTRICAL	SOG	SLAB ON GRADE
ELEV	ELEVATION	SP	SUMP PUMP
EQ	EQUAL	SPEC	SPECIFICATION
EQUIP	EQUIPMENT	SQ	SQUARE
ETR	EXISTING TO REMAIN	SRD	SECONDARY ROOF DRAIN
EW	ELECTRIC WATER COOLER	SS	STAINLESS STEEL
EWI	ELECTRIC WATER HEATER	SSD	SECONDARY STORM DRAINAGE PIPING
EX	EXISTING	STD	STANDARD
EXP	EXPANSION	STL	STEEL
FCO	FLOOR CLEANOUT	STRUCT	STRUCTURAL
FD	FLOOR DRAIN	SUSP	SUSPENDED
FF	FINISHED FLOOR	TD	TRENCH DRAIN
FFE	FINISHED FLOOR ELEVATION	THK	THICKNESS
FG	FINISHED GRADE	TLT	TOILET
FX	FIXTURE	TMV	THERMOSTATIC MIXING VALVE
FLR	FLOOR	TOSL	TOP OF SLAB
FS	FLOOR SINK	TW	DOMESTIC TEMPERED WATER (85° F)
FSD	FOUNDATION SUB-DRAIN	TYP	TYPICAL
FT	FOOT OR FEET	UG	UNDERGROUND
G	GAS	UNO	UNLESS NOTED (INDICATED) OTHERWISE
GCD	GRADE CLEANOUT	V	VENT
QWH	GAS WATER HEATER	VAC	VACUUM
HB	HOSE BIBB	VACB	VACUUM BREAKER
HORIZ	HORIZONTAL	VERT	VERTICAL
HP	HORSEPOWER	VTR	VENT THROUGH ROOF
HR-X	HOSE REEL DESIGNATION	W	WEST
HTG	HEATING	W	WITH
HW	HOT WATER	W/O	WITHOUT
HWR	HOT WATER RETURN	WB	WATER HAMMER ARRESTER
HWS	HOT WATER SUPPLY	WC	WATER CLOSET
ID	INSIDE DIAMETER	WCO	WALL CLEANOUT
IN	INCH	WSHP	WATER SOURCE HEAT PUMP
INSUL	INSULATE OR INSULATION	XFMR	TRANSFORMER
INV	INVERT		



**ASSE-1070 POINT-OF-USE VALVE DETAIL**  
 NO SCALE

**NOTES:**  
 1. PIPING DOWNSTREAM OF SUPPLY STOPS NOT SHOWN FOR CLARITY. ALL REQUIRED FIXTURE AND EQUIPMENT CLEARANCES AND ACCESS SHALL BE MAINTAINED.  
 2. PRIMARY POSITION SHALL BE USED UNLESS OTHERWISE APPROVED. ALTERNATE POSITION 1 MAY BE USED WHERE CEILING HEIGHT NOT EXCEED 10'. ALTERNATE POSITION 2 REQUIRED DETAILED EXAMPLE AND PRIOR APPROVAL.  
 3. PRIMARY POSITION (EXPOSED TUCKED HIGH UNDER FIXTURE): LOCATE VALVE HIGH BELOW FIXTURE OUT OF SIGHT AND PROVIDE WITH MOUNTING BRACKET TO ENSURE VALVE STAYS IN PLACE.  
 4. ALTERNATIVE POSITION (CONCEALED ABOVE CEILING): LOCATE VALVE ABOVE CEILING AND PROVIDE ACCESS PANEL FOR NON-ACCESSIBLE CEILINGS.



**PARTIAL FIRST FLOOR PLAN - PLUMBING - CLASSROOM AREA**  
 1/8" = 1'-0"