

SECURITY UPGRADES CLASSROOM WALLS

BID PACKAGE

BETHANY ELEMENTARY SCHOOL
OAK HILLS ELEMENTARY SCHOOL

MARCH 29, 2021

SECURITY UPGRADES

BETHANY ELEMENTARY SCHOOL

3305 NW 174TH AVE, BEAVERTON, OR 97006

CONTACT INFORMATION

OWNER:	BEAVERTON SCHOOL DISTRICT 16650 SW MERLO RD BEAVERTON, OR 97003
CLIENT CONTACT:	MEGAN FINCH, PROJECT MANAGER 16650 SW MERLO RD BEAVERTON, OR 97003 503-356-4318 Megan_Finch@beaverton.k12.or.us
ARCHITECT:	CONVERGENCE ARCHITECTURE BARB ANDERSON 503-208-1028 X-104 BANDERSON@CONVERGENCEARCH.COM
ELECTRICAL :	LANDIS CONSULTING MICHAEL HENNING 503-584-1576 MICHAEL_HENNING@LANDISCONSULTING.COM
CONTRACTOR:	TO BE DETERMINED

PROJECT DESCRIPTION

ADDING SECURE WALLS AND DOORS TO EACH OF THE CLASSROOM SPACES IDENTIFIED IN PROJECT SCOPE. MAINTAIN OR IMPROVE PATHS OF EGRESS AS REQUIRED BY CODE.

GENERAL NOTES

- THE INTENT OF THE CONTRACT DOCUMENTS IS THAT THE WORK SHALL CONFORM TO THE APPLICABLE CODES, REGULATIONS, AND ORDINANCES HAVING JURISDICTION. IF THE CONTRACTOR BELIEVES THAT ANY EXISTING CONDITIONS OR CONDITIONS CREATED BY THE PERFORMANCE OF THE WORK IS NON-COMPLIANT WITH THE LAW, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY.
- CONTRACTOR TO VERIFY THAT THE DRAWINGS ARE ACCURATE WITH RESPECT TO THE EXISTING CONDITIONS BEFORE PROCEEDING WITH THE WORK. IN THE EVENT THAT THE DOCUMENTS CONFLICT WITH THE EXISTING CONDITIONS, NOTIFY THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK OR REALTED WORK IN QUESTION.
- CONTRACTOR SHALL KEEP THE SITE FREE OF GARBAGE AND DEBRIS.
- ALL ITEMS ARE TO BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. MATERIALS THAT DO NOT INCLUDE SPECIAL INSTALUTION INSTRUCTIONS ARE TO BE INSTALLED USING THE MOST APPROPRIATE INDUSTRY STANDARD FOR THE INTENDED RESULT OF THE MATERIAL.
- MECHANICAL AND PLUMBING MODIFICATIONS FOR WORK SHOWN TO BE DESIGN/BUILD.

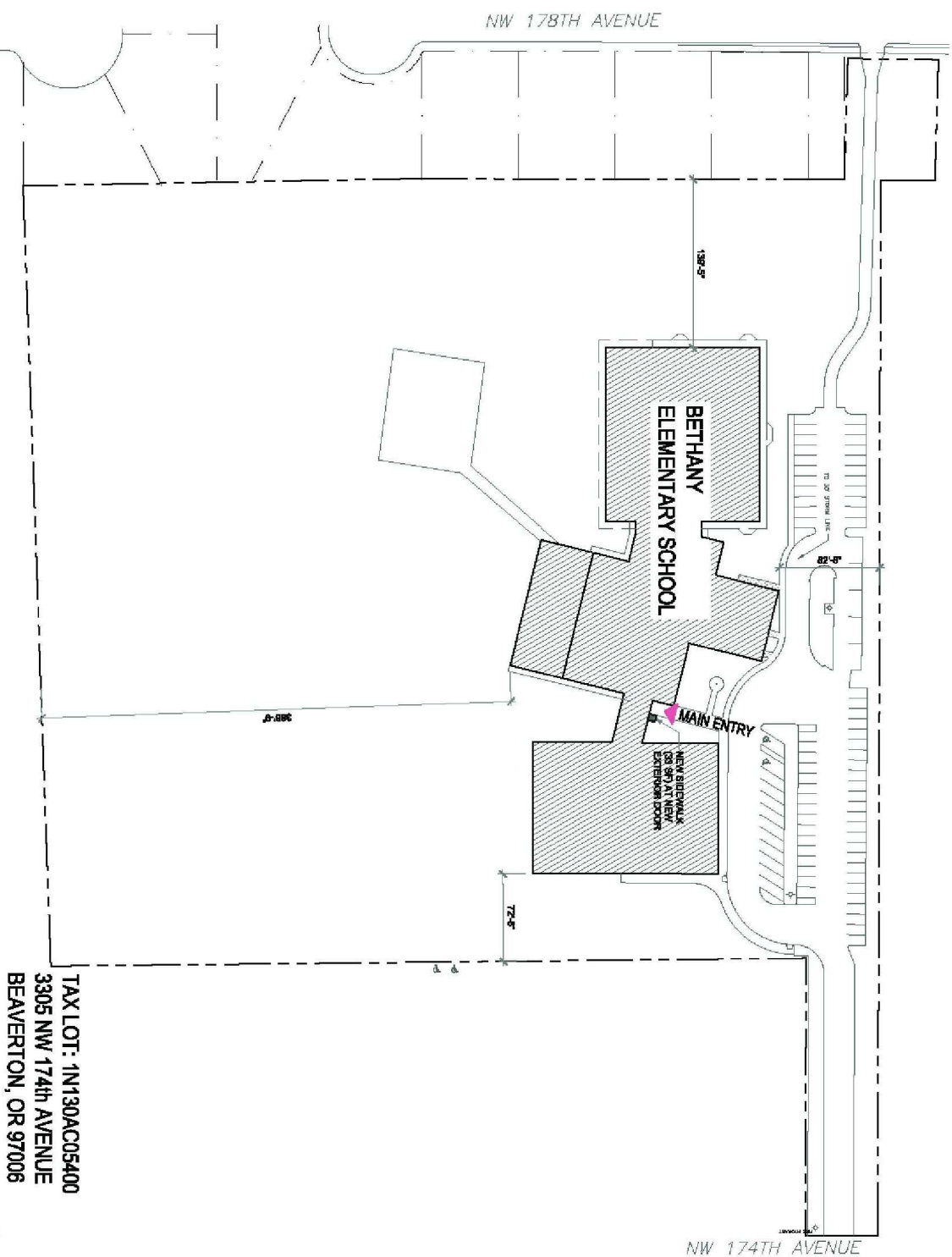


1 VICINITY PLAN
NTS - FOR REFERENCE ONLY

ABBREVIATIONS

ABV	ABOVE	J-BOX	JUNCTION BOX
ACT	ACOUSTIC CEILING TILE	MAG	MAGNETIC
AFF	ABOVE FINISHED FLOOR	MAX	MAXIMUM
AG	ABOVE GRADE	MH	MANHOLE
AHJ	AUTHORITY HAVING JURISDICTION	MIN	MINIMUM
ALT	ALTERNATE	MTD	MOUNTED
AV	AUDIO/VISUAL	MTL	METAL
DF	DRINKING FOUNTAIN		
CB	CIRCUIT BREAKER	NIC	NOT IN CONTRACT
CKT	CIRCUIT	OPER	OPERATER/OPERABLE
CLG	CEILING	OFCI	OWNER FURNISHED CONTRACTER
CLR	CLEAR	INSTALLED	OWNER FURNISHED OWNER INSTALLED
CM	CEILING MOUNTED	OFOI	OWNER FURNISHED OWNER INSTALLED
COMM	COMMUNICATIONS	PB	PULLBOX
CTRL	CONTROL	PLYWD	PLYWOOD
CU	COPPER	P LAM	PLASTIC LAMINATE
		PNL	PANEL, PANELBOARD
D	DATA	POS	POSITION/POINT OF SALE
DED	DEDICATED	PAIR	PAIR
DEV	DEVICE	PT	PRESSURE TREATED
DIST	DISTANCE	RCP	REFLECTED CEILING PLAN
DN	DOWN	RECEPT	RECEPTACLE
EWC	ELECTRIC WATER COOLER	REF	REFERENCE
FA	EXISTING		
FB	FIRE ALARM	SF	SQUARE FEET, SQUARE FOOT
FE	FIRE EXTINGUISHER	SLV	SLEEVE
FEC	FIRE EXTINGUISHER CABINET	SPECS	SPECIFICATIONS
FIN FLR	FINISH FLOOR	SW	SWITCH
FLR	FLOOR	TELECOM	TELECOMMUNICATIONS
FOC	FACE OF COLUMN	TV	TELEVISION
		TYP	TYPICAL
G.GND	GROUND	UF	UNDER FLOOR
GA	GAUGE	UG	UNDER GROUND
GALV	GALVANIZED	UNON	UNLESS OTHERWISE NOTED
GB	GRAB BAR	V	VOLT OR VOICE
GF1,GFCl	GROUND FAULT CIRCUIT	VIF	VERIFY IN FIELD
	INTERRUPTER		
GYP BD	GYP SUM BOARD	WAP	WIRELESS ACCESS POINT
		WD	WOOD
		WP	WEATHERPROOF
		XFMR	TRANSFORMER

Sheet Number	Sheet Name
A.0	COVER SHEET
A.1	COVER SHEET
B.A0	CODE, GENERAL NOTES, SITE PLAN, OVERALL PLAN
B.A1	ACCESSIBILITY IMPROVEMENTS
B.A2	FLOOR PLAN
B.A3	REFLECTED CEILING PLAN, SCHEDULES
A.8	GENERAL DETAILS
B.ED2	ELECTRICAL DEMOLITION PLANS
B.E2	ELECTRICAL PLANS



2 SITE PLAN
NTS - FOR REFERENCE ONLY

PROJECT DATA AND CODE ANALYSIS

PROPERTY ID#:	R613483
TAXLOT ID#:	1N130AC05400
RELEVANT CODES:	2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC)
YEAR OF ORIGINAL CONSTRUCTION:	1970

OVERALL BUILDING AREA:

AREA A: ACTUAL AREA: 16,734 SF (EXISTING NO CHANGE)	AREA B: ACTUAL AREA: 17,542 SF (EXISTING NO CHANGE)
AREA C: ACTUAL AREA: 8,852 SF (EXISTING NO CHANGE)	AREA D: ACTUAL AREA: 6,916 SF (EXISTING NO CHANGE)

CHAPTER 3 - OCCUPANCY CLASSIFICATION AND USE

CLASSIFICATION : GROUP E, EDUCATIONAL; GROUP A-3, ASSEMBLY (GYMNASIUM, CAFETERIA)
(EXISTING, NO CHANGE BY THIS WORK)

USE: ELEMENTARY SCHOOL (EXISTING, NO CHANGE)

CHAPTER 6 - TYPES OF CONSTRUCTION

TYPE VB, ANY MATERIALS PERMITTED BY OSSC (EXISTING, NO CHANGE)

NON-FIRE SPRINKLERED IN AREAS OF WORK.

EXISTING FIRE RESISTANCE RATING OF BUILDING ELEMENTS AS INDICATED ON OVERALL FLOOR PLAN. BUILDING SEPERATED INTO (4) FIRE SEPERATED AREAS. EXISTING TO REMAIN AS-IS.

NOTE: FACILITY HAS EXISTING FULL FIRE ALARM INCLUDING HORN, STROBES, SMOKE DETECTORS, AND MANUAL PULLS TO REMAIN .

CHAPTER 10 - MEANS OF EGRESS

OCCUPANCY LOADS ALLOWABLE
A. CLASS ROOM: 20 SF/OCC
B. LIBRARY: 50 SF/OCC
C. ACCESSORY ROOMS: 100 SF/OCC
D. STORAGE: 100 SF/OCC
E. OFFICE: 150 SF/OCC

MAXIMUM TRAVEL DISTANCE
A. COMMON (SINGLE) PATH OF EGRESS TO EXIT OR POINT OF TWO DIRECTIONS TO EXIT: 75 FEET
B. TOTAL EGRESS PATH TO EXIT: 200 FEET

EXITS
A. TWO REQUIRED MINIMUM UNLESS EXCEPTIONS MET
B. SEPARATED BY MINIMUM 1/2 THE DIAGONAL DISTANCE OF THE SPACE SERVED
C. HALL WIDTH MINIMUM 44 INCHES WIDE
D. DOORS MINIMUM 36 INCHES WIDE TO MEET ANSI A117.1

SPACES WITH ONE EXIT
A. ALLOWABLE IF COMMON PATH IS NOT EXCEEDED
B. ALLOWABLE IF ONE EXIT IS TO EXTERIOR
C. MAXIMUM 49 OCCUPANTS





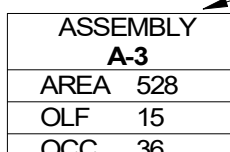
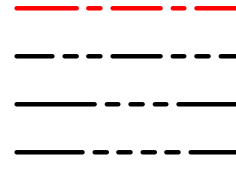


DEAD END CORRIDORS LIMITED TO 20 FEET MAXIMUM

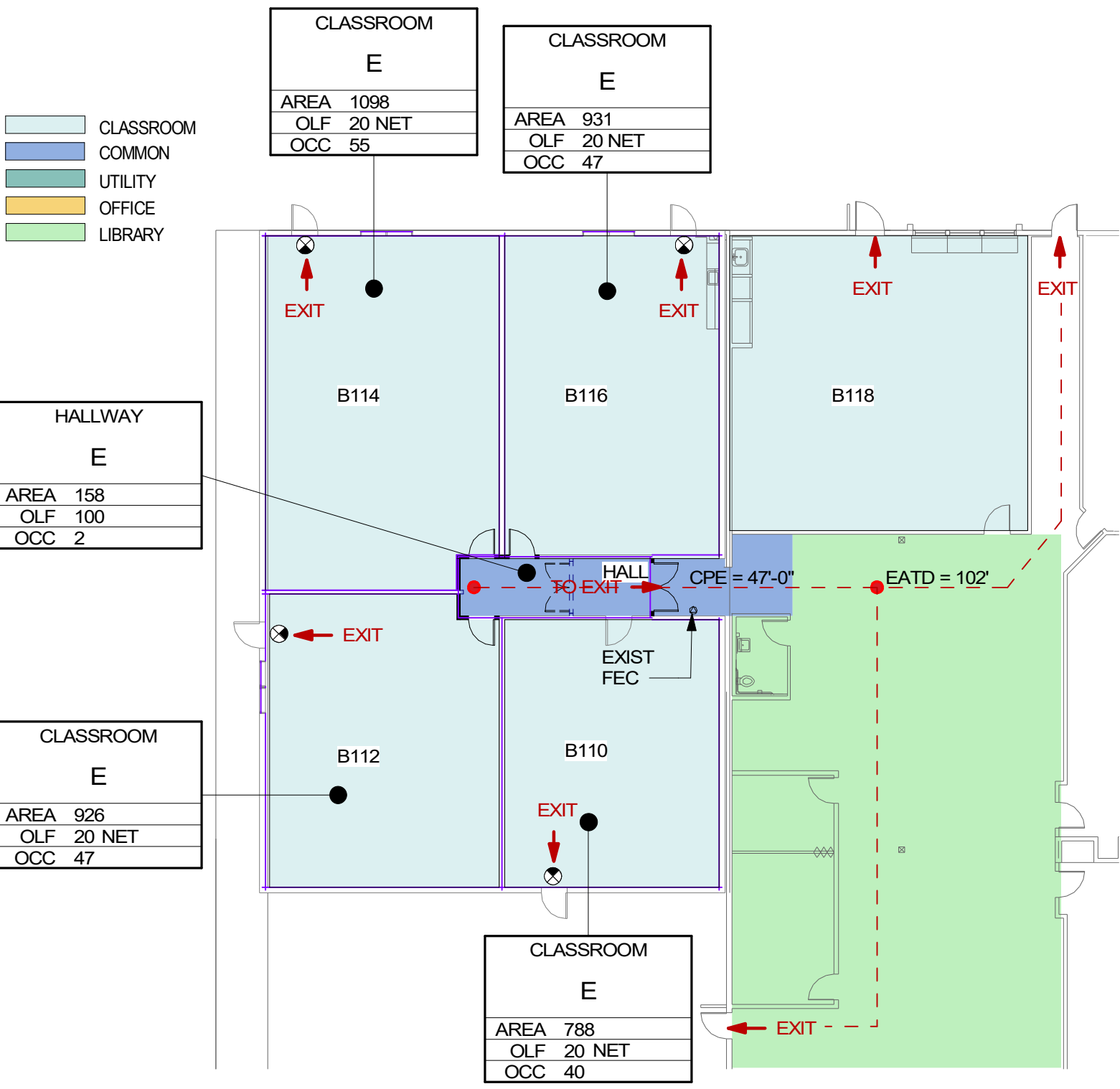
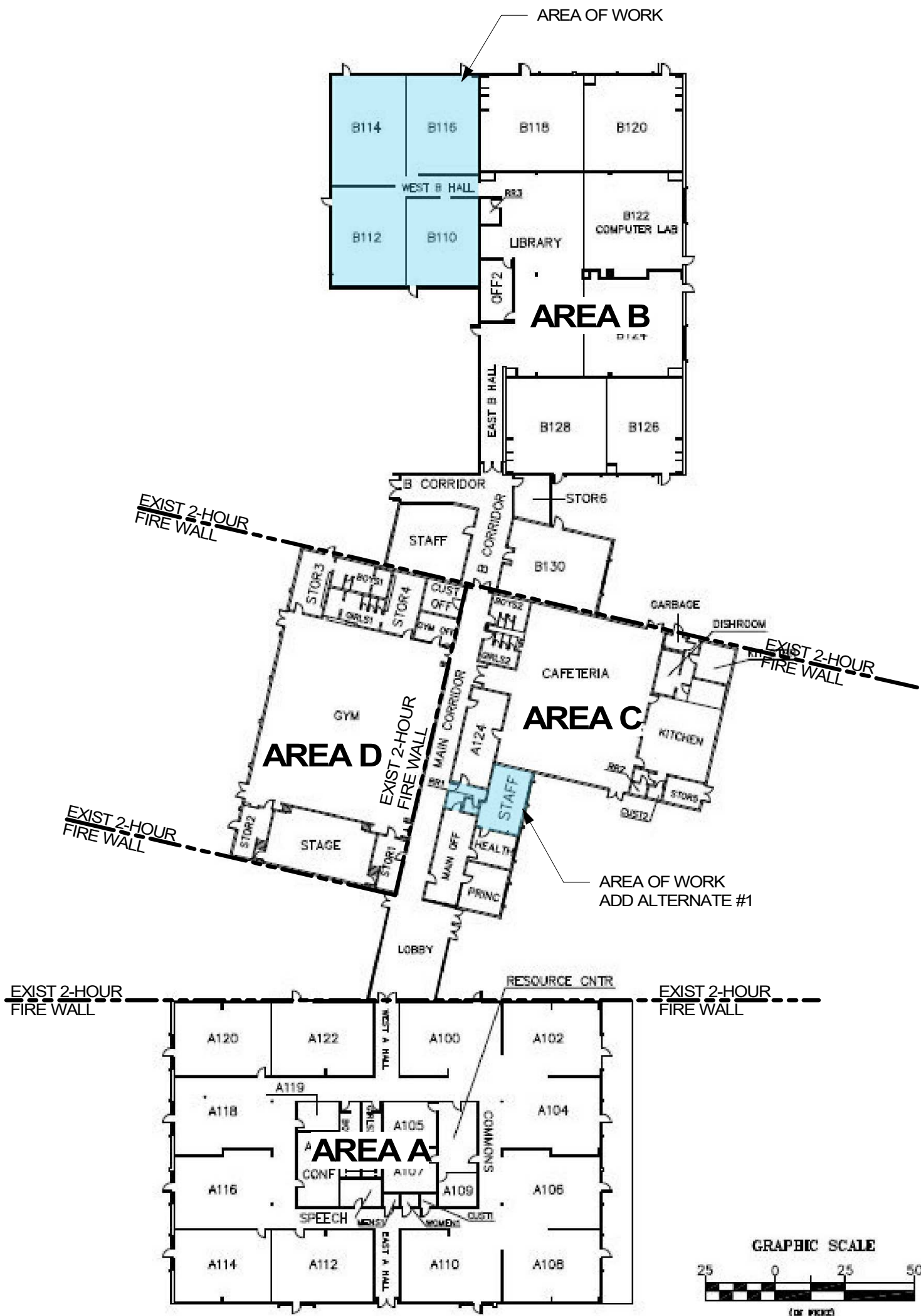
NO EXIT PATH TO THROUGH INTERVENING ROOMS ALLOWED

CHAPTER 11 - ACCESSIBILITY

ALL CONSTRUCTION AND ITEMS NOTED TO BE IMPROVED HEREIN TO COMPLY WITH INTERNATIONAL CODE COUNCIL (ICC) A117.1-2009

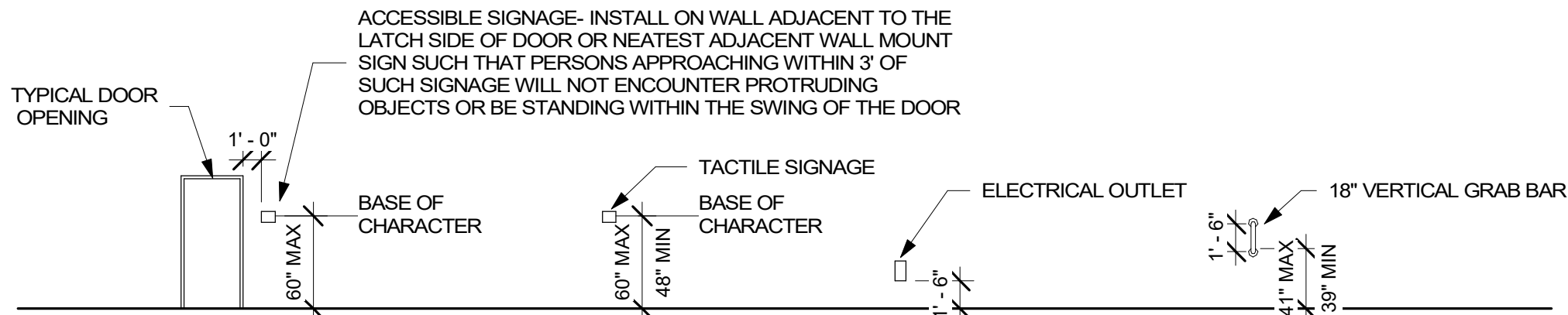
CODE LEGEND

	FIRE EXTINGUISHER AS NOTED		FIRE EXTINGUISHER CABINET AS NOTED		OCCUPANT EGRESS LOAD AT DOOR		EXIT SIGN
							
OCCUPANCY CLASSIFICATION							
AREA - SQUARE FEET							
OCCUPANCY LOAD FACTOR, GROSS (NET WHERE NOTED)							
NUMBER OF OCCUPANTS							
							
				BUILDING/AREA DIAGONAL			
				EXIT SEPARATION DISTANCE (1/3rd BLDG/AREA DIAGONAL MAX)			
				EXIT ACCESS TRAVEL DISTANCE (E = 200' MAX)			
				COMMON PATH OF EGRESS TRAVEL (INCLUDED IN EATD) (E = 75' MAX)			



3 OVERALL FLOOR PLAN
NTS - FOR REFERENCE ONLY

4 LIFE SAFETY PLAN
1/16" = 1'-0"



TYPICAL MOUNTING HEIGHTS

IMPROVEMENT NARRATIVE

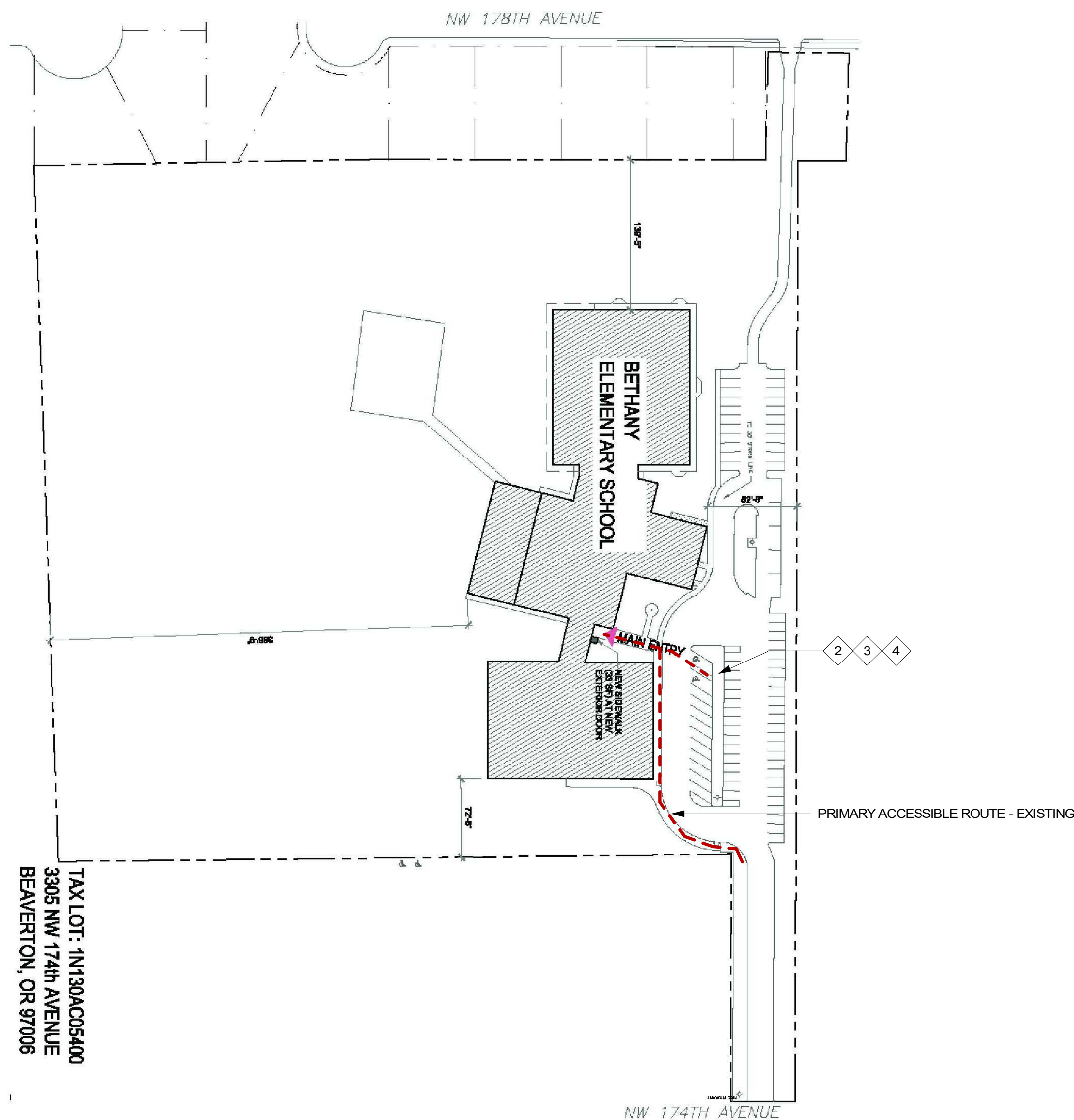
PER OSSC SECTION 3403.4, ALTERATIONS FOR AN EXISTING FACILITY TO COMPLY WITH THE APPLICABLE PROVISION IN CH. 11 OF THE BUILDING CODE, THE ACCESSIBLE ROUTE TO THE PRIMARY FUNCTION SHALL BE ACCESSIBLE TO THE MAXIMUM EXTENT FEASIBLE, COSTS NOT EXCEEDING 25% OF THE ALTERATION COSTS.

BASED ON FIELD OBSERVATIONS THE FOLLOWING ITEMS CAN BE ADDRESSED BASED ON THE CRITERIA NOTED ABOVE. ITEMS NOTED **OFOI** ARE PROPOSED TO BE SELF-PERFORMED BY BEAVERTON SCHOOL DISTRICT.

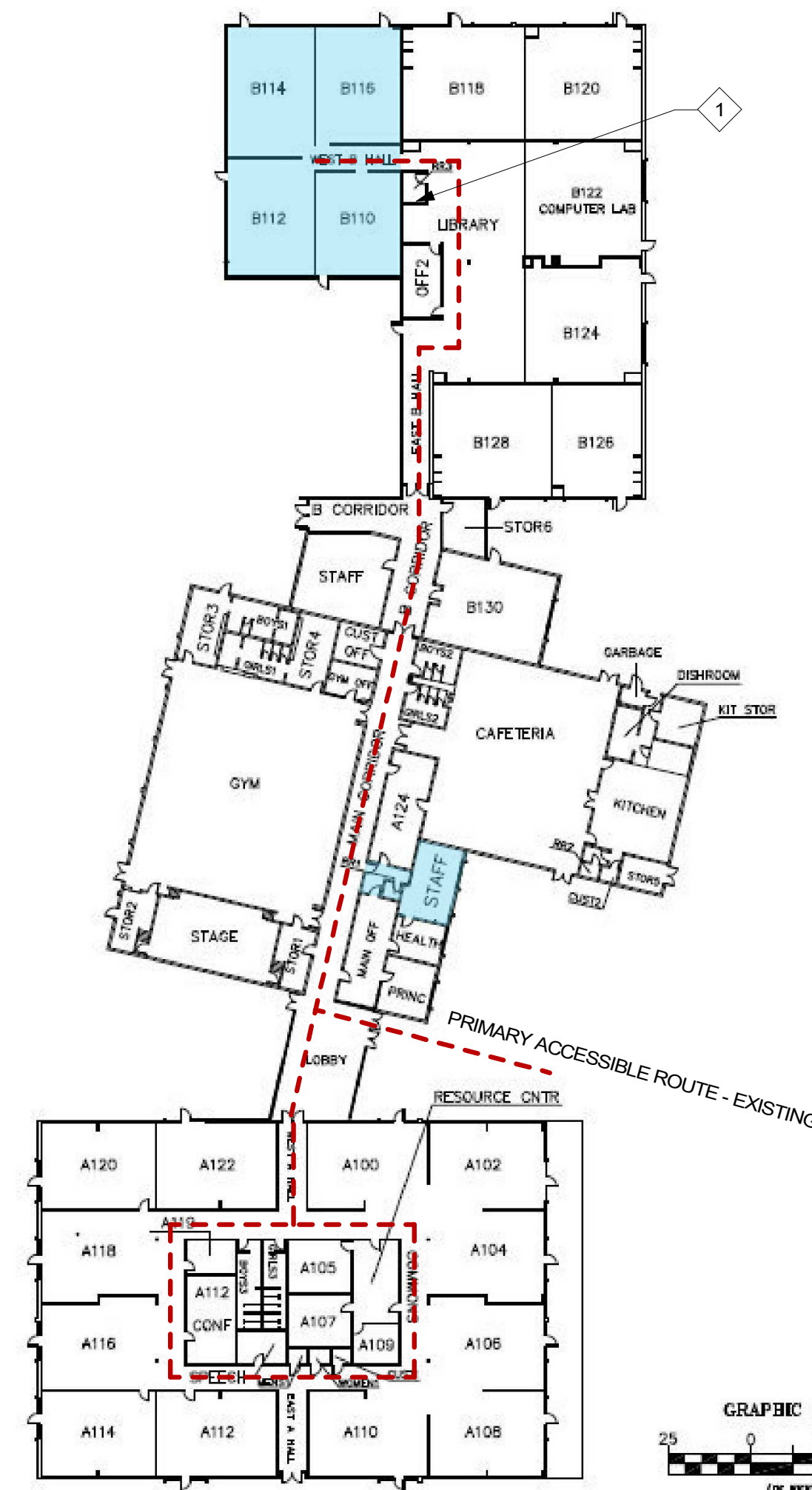
- OFOI - ADD AT ACCESSIBLE PARKING ACCESS AISLE "NO PARKING" SIGN AND STRIPING PER ODOT STANDARDS.
- ADD 18" VERTICAL GRAB BAR AT SINGLE USER RESTROOM.

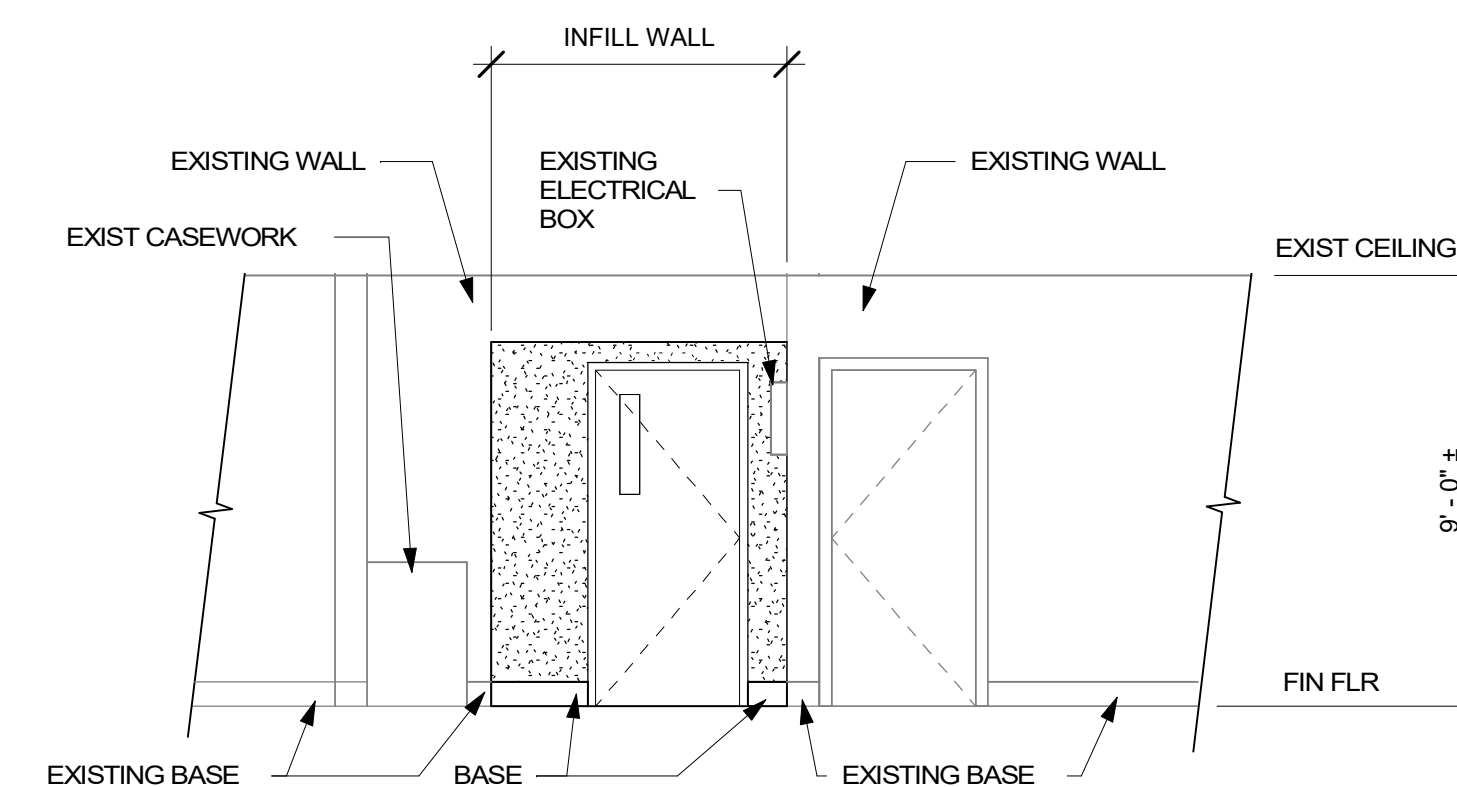
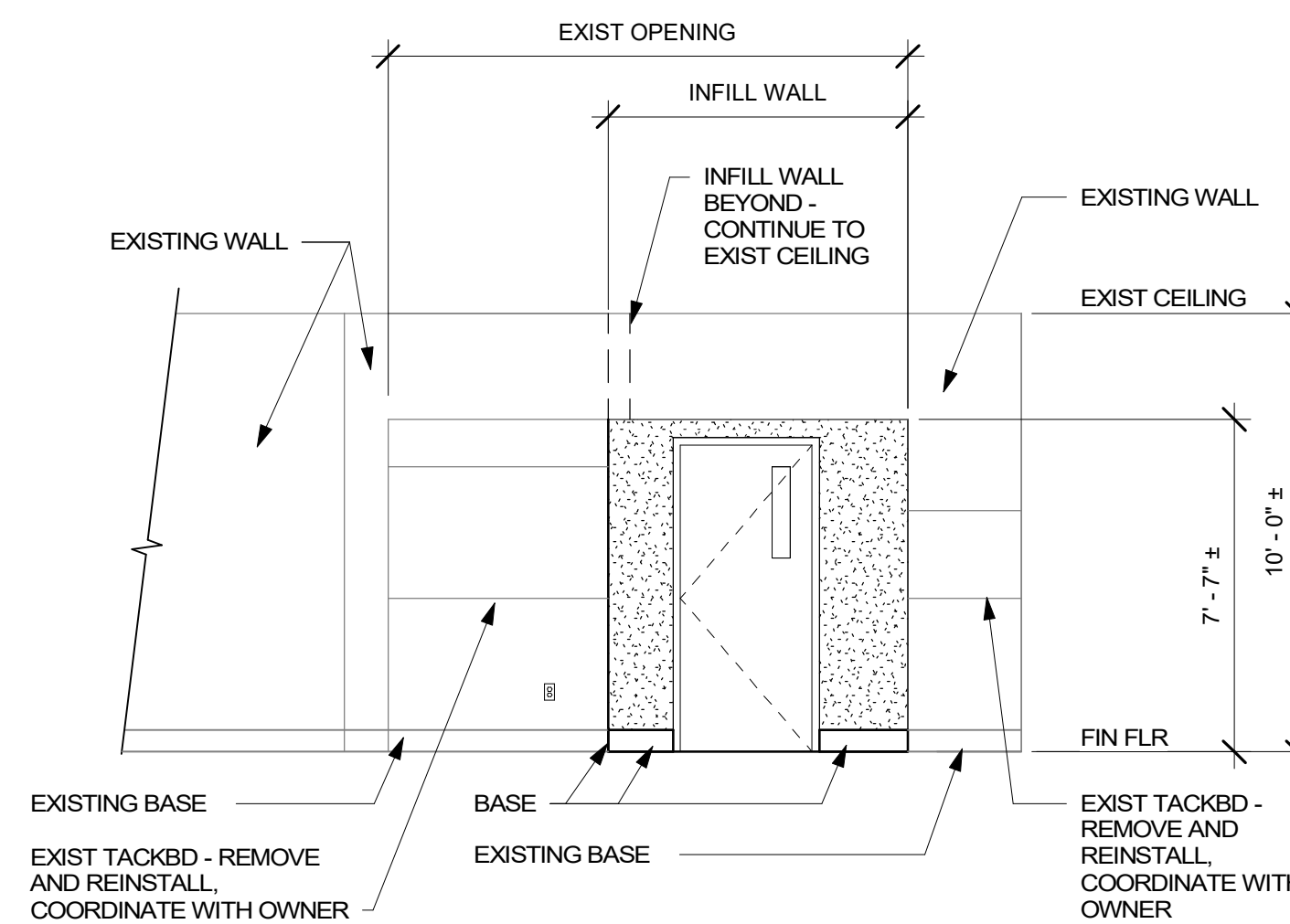
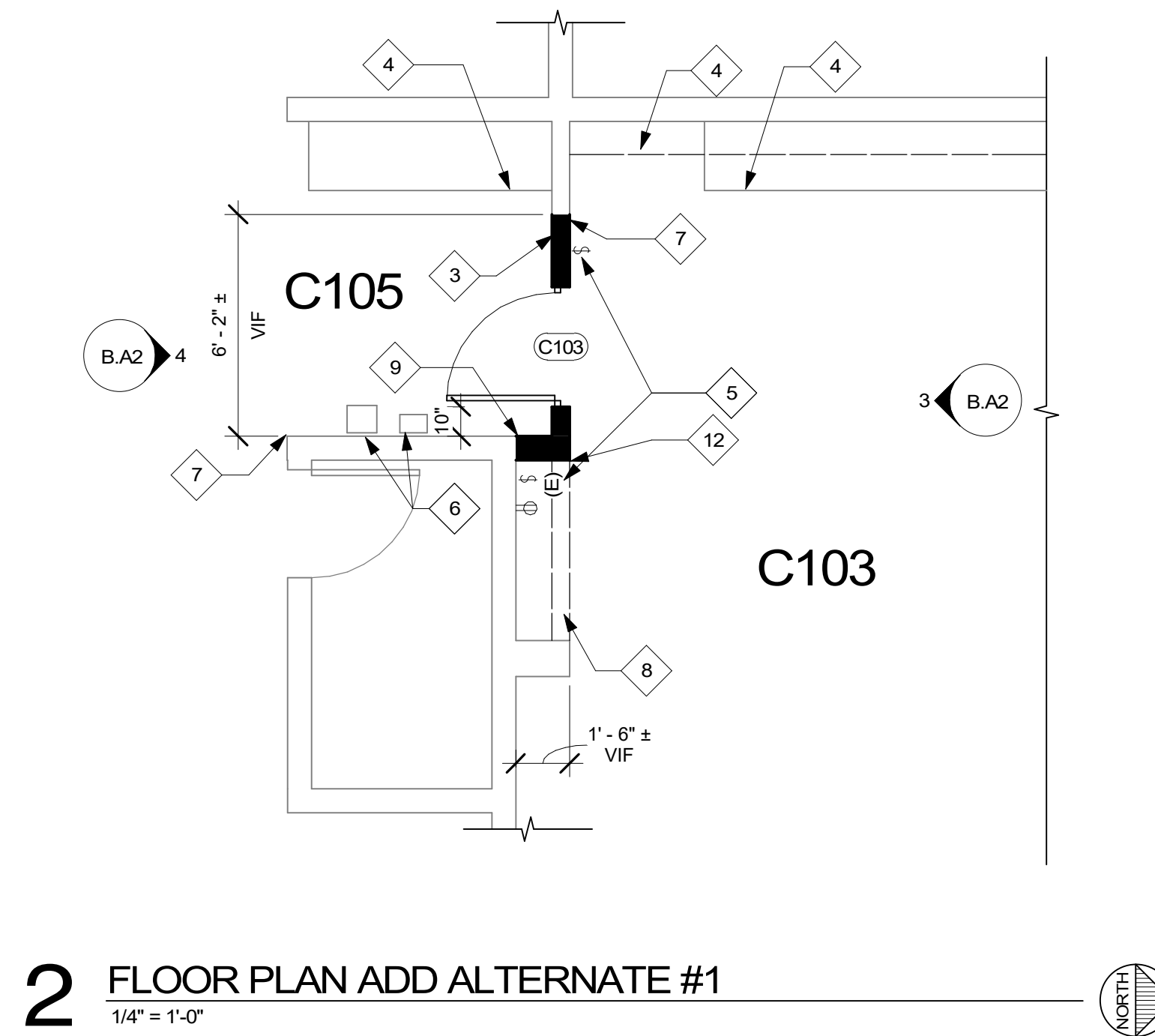
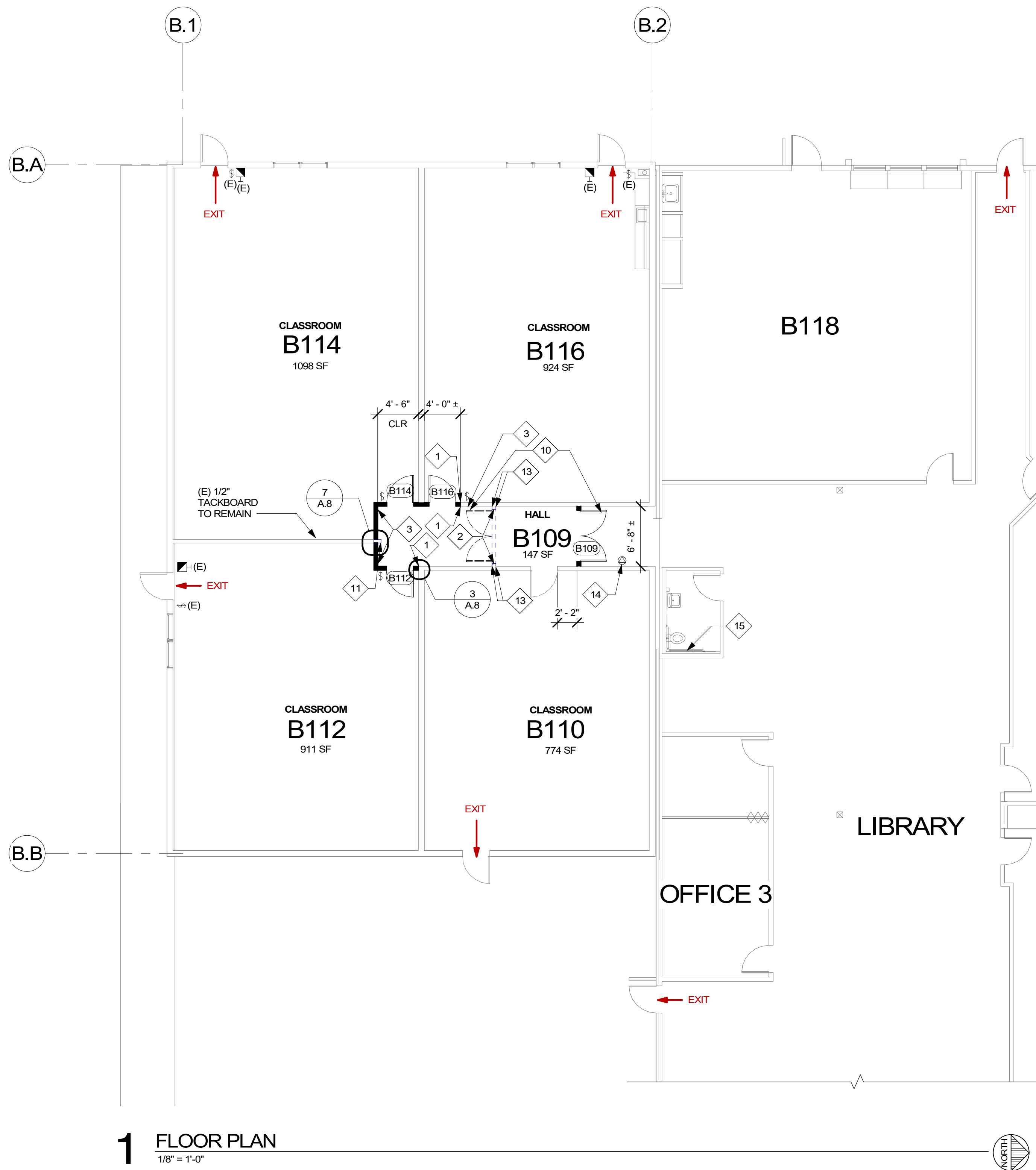
KEY NOTE LEGEND

- INSTALL 18" VERTICAL GRAB BAR IN ACCESSIBLE SINGLE USER RESTROOM.
- PARKING STRIPING AND "NO PARKING" SIGN TO MEET ODOT STANDARDS IN (2) PLACES PER NOTED FIGURE 2.
- USE STANDARD ODOT APPROVED COLORS FOR PARKING LOT STRIPING.
- ADA UPGRADES TO MEET ODOT AUGUST 2018 STANDARDS FOR ACCESSIBLE PARKING PLACES.



1 SITE ACCESSIBLE ROUTE AND IMPROVEMENTS PLAN
NTS - FOR REFERENCE ONLY





- # GENERAL NOTES
-
- A. PAINT TO BE AS FOLLOWS: NEW CLASSROOM WALLS, P.1. NEW DOOR FRAMES, P.2. NEW DOORS, P.3. NEW STAFF ROOM WALLS, P.4. SEE SPEC SECTION 09 11 00 PAINTING
 - B. NO EXISTING SURFACES TO BE PAINTED, UNLESS OTHERWISE NOTED
 - C. NEW 3/4" LIGHT SWITCHES TO BE PLACED IN CLASSROOMS, NEAR NEW DOORS. PER ELECTRICAL B.E2
 - D. MATCH EXISTING CONDITIONS: LIGHTING (SEE ELECTRICAL B.E2) AND ACT
 - E. THIS DRAWING REFERENCES EXISTING CONDITIONS. VERIFY ALL IN FIELD.
 - F. DIMENSIONS ARE TO FACE OF WALL UNLESS OTHERWISE NOTED.
 - G. DIMENSIONS CONTAINING CLR MIN ARE THE MINIMUM DISTANCE OF CLEARANCE REQUIRED BY CODE. ADVISE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
 - H. ALL DOOR OPENINGS PERPENDICULAR TO A WALL ARE 6" TO THE WALL CLEARANCE UNLESS OTHERWISE NOTED.
 - I. TEMPORARY PROTECTION MUST BE COMPLETED PRIOR TO THE START OF INTERIOR CONSTRUCTION.
 - J. DO NOT REMOVE TEMPORARY PROTECTION UNTIL INTERIOR CONSTRUCTION IS COMPLETED.
 - K. IN ALL WORK AREAS FLOORING, CEILING TILES, AND FINISHES TO REMAIN IN PLACE SHALL BE PRESERVED AND PROTECTED BY CONTRACTOR.
 - L. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED BY WORK AND SHALL REPAIR TO ORIGINAL CONDITION AT NO COST TO OWNER.
 - M. ALL NEW DOORS ARE TO BE 3'-0" WIDE MINIMUM
 - N. REMOVE SIGNAGE FOR: B114. ALL NEW SIGNAGE IS O.C.I.
 - O. FEFFEC(S) SHALL NOT BE LOCATED INSIDE CLASSROOMS AS THEY CAN BE LOCKED (TYP)
 - P. PROVIDE WOOD BLOCKING AT ALL DOOR STOP AND SIGNAGE LOCATIONS

- EXISTING WALL

NEW WALL - SEE DETAIL 1/A.8

DEMO WALL

KEY NOTE LEGEND

POCKET TRIM. SEE DETAIL 3/A.8

PATCH CARPET AT REMOVED PARTITION, OFCI

NEW OFCI CLASSROOM SIGNAGE, INSTALLED PER B.A1 MOUNTING HEIGHTS

EXISTING CASEWORK TO REMAIN

RELOCATE SWITCH PER ELECTRICAL B.E2

EXISTING ELECTRICAL PANELS. VERIFY DOOR CLEARANCE PRIOR TO WORK

NEW WALL FACE TO ALIGN WITH EXISTING WALL MATCH THICKNESS (F3)

EXISTING WALL ABOVE TO REMAIN

EXISTING CORNER GUARD TO BE REMOVED

RELOCATED 72" WIDE HM DOUBLE DOORS AND FRAMES (NON FIRE-RATED) NEW MAGNETIC HOLD OPENS FOR EACH LEAF TIED TO FIRE ALARM PANEL PANIC HARDWARE ONLY (NON LOCKDOWN)



DEMO WALL, REPAIR FLOOR AND CEILING



NEW CORNER GUARD

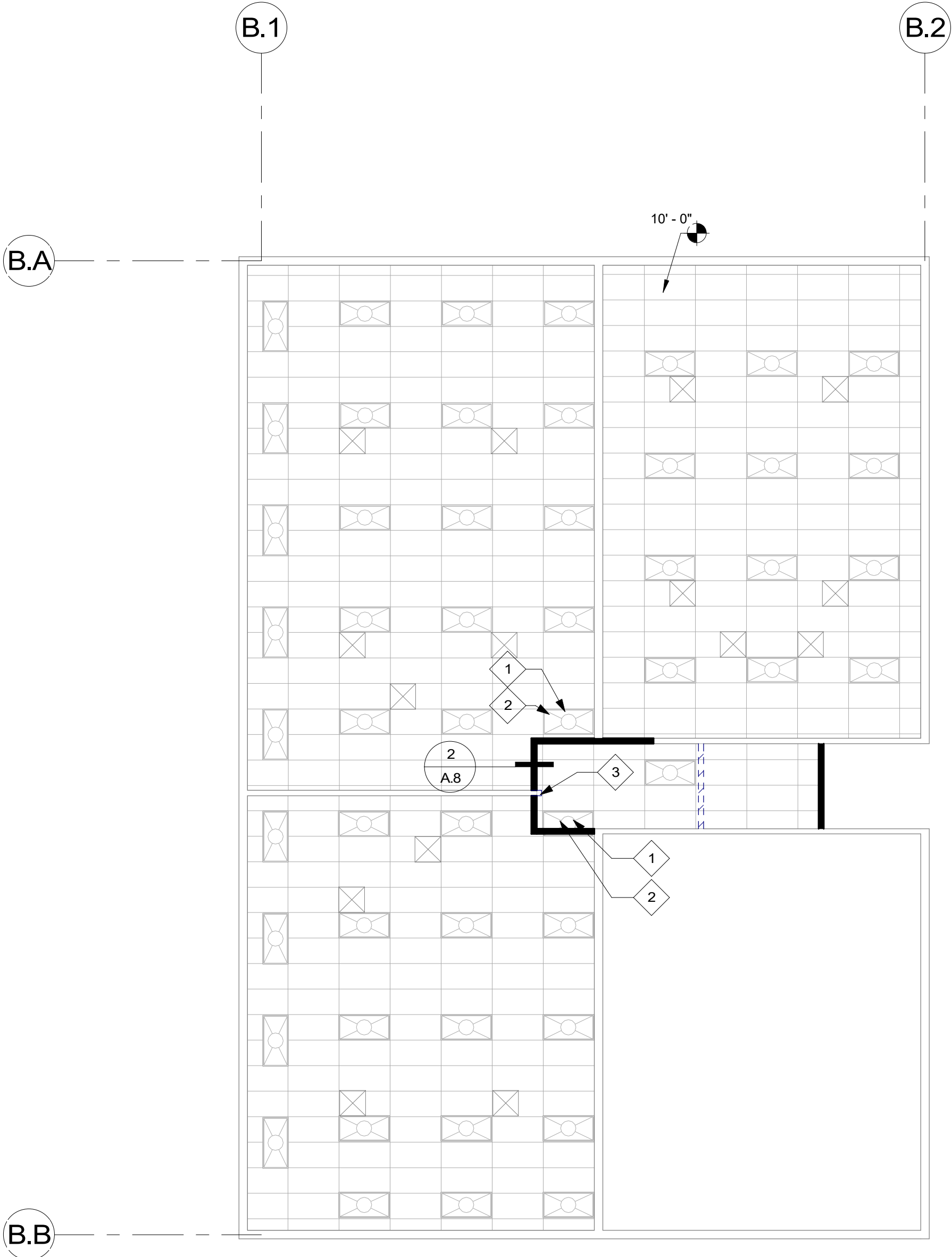
PATCH AND REPAIR WALL COVERING. SEE SPEC SECTION 09 72 00 WALL COVERINGS

FIRE EXTINGUISHER / FE CABINET

VERTICAL GRAB BAR. SEE TYPICAL MOUNTING HEIGHTS B.A1

- ## ELECTRICAL LEGEND
-
- | | |
|-------------------|---|
| POWER SWITCH | \$ |
| FIRE ALARM |  |
| EXISTING | (E) |
| FIRE EXTINGUISHER |  |

- ## PLAN CODE NOTES
-
-  ADA 5'-0" MINIMUM TURN RADIUS
-  EXIT DOOR TO EXIT DISCHARGE



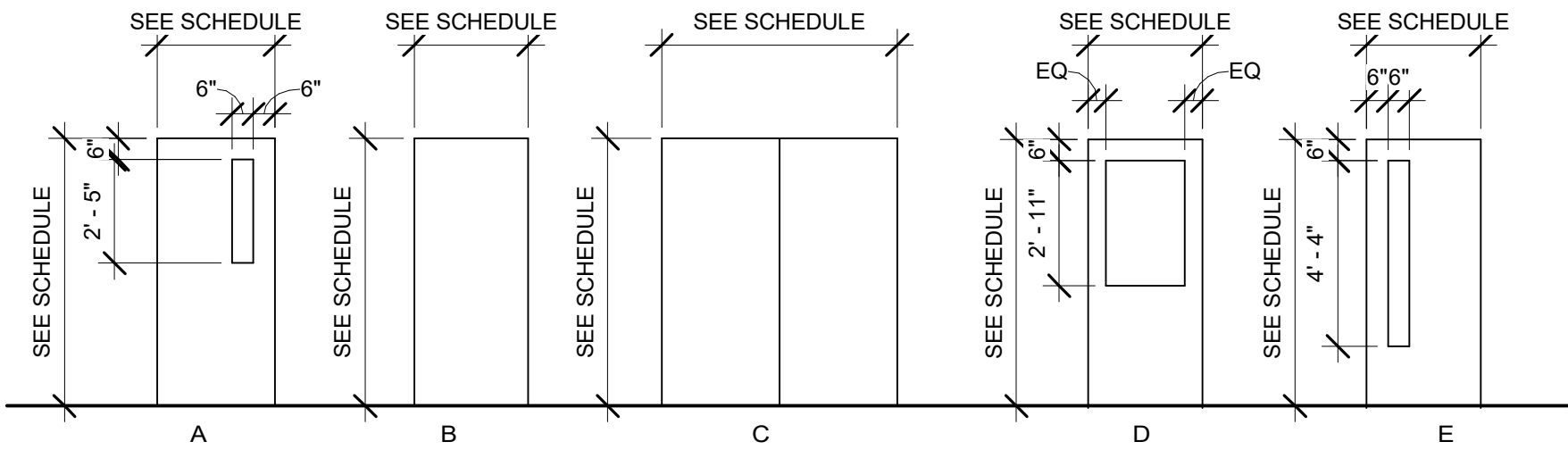
1 REFLECTED CEILING PLAN
1/8" = 1'-0"

ROOM FINISH SCHEDULE-B					
NUMBER	NAME	FLOOR FINISH	NEW WALL FINISH	BASE FINISH	CEILING FINISH
B109	HALL	EXISTING BROADLOOM CARPET (1)	P-1	COVE BASE	EXISTING (2)
B110	CLASSROOM	EXISTING BROADLOOM CARPET (1)	P-1	COVE BASE	EXISTING (2)
B112	CLASSROOM	EXISTING BROADLOOM CARPET (1)	P-1	COVE BASE	EXISTING (2)
B114	CLASSROOM	EXISTING BROADLOOM CARPET (1)	P-1	COVE BASE	EXISTING (2)
B116	CLASSROOM	EXISTING BROADLOOM CARPET (1)	P-1	COVE BASE	EXISTING (2)

- EXISTING CARPET AND VCT FLOOR TO REMAIN, SEE FLOOR PLAN FOR SPECIFIC REPAIRS
- EXISTING ACT CEILING TO REMAIN, SEE REFLECTED CEILING PLAN FOR SPECIFIC REPAIRS
- SEE SPECIFICATIONS FOR PAINT TYPE AND COLOR SELECTION
- NEW WALLS TO BE PAINTED P-1. PAINTED AREAS WILL GO TO EITHER AN EXISTING WALL (CORNER) OR TO THE EDGE OF POCKET TRIM.

DOOR SCHEDULE - B1														
NO	HW	NEW / EXISTING	INT / EXT	DOOR								FRAME		DETAILS
				SIZE			TYPE	MATL	FINISH	GLASS	MATL	FINISH	DETAIL	
				W	H	T								
B109	H-2	EXISTING	INTERIOR	PR 3' - 0"	6' - 8"	1 3/4"	B	SOLID CORE WOOD	P-3	NONE	HM	P-2	5/A.8	
B112	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	5/A.8	
B114	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	5/A.8	
B116	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	5/A.8	
C103	H-5	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	5/A.8	

Grand total: 5
HM - HOLLOW METAL
PR - EACH INDIVIDUAL LEAF OF A PAIR



DOOR TYPES

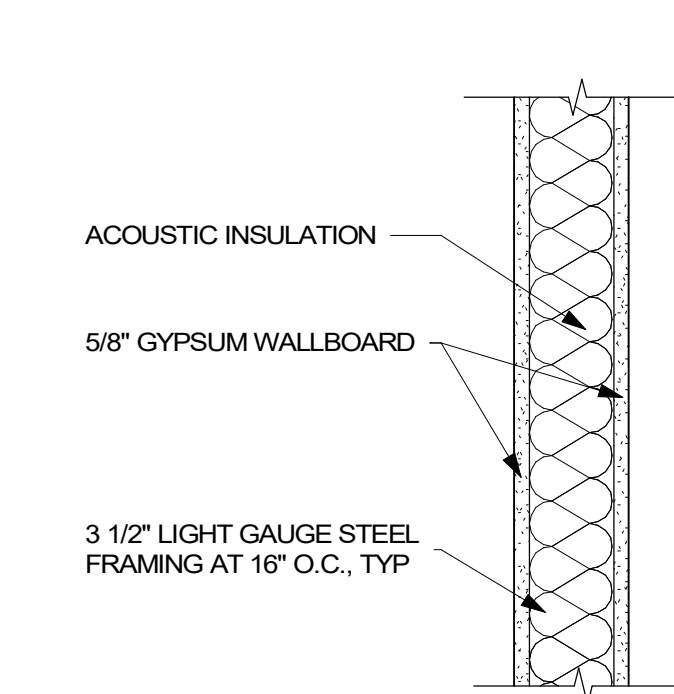
- NOTES
- SEE DOOR SCHEDULE FOR FINISH AND SIZE DETAILS
 - MATCH PROFILE AND FINISH OF NEW DOORS TO EXISTING CLASSROOM DOORS IN PROJECT AREA. CONTRACTOR TO VERIFY LITE SIZE AND CONFIGURATION TO MATCH ON-SITE CONDITIONS

KEY NOTE LEGEND

- EXISTING LIGHT TO BE REMOVED AND SALVAGED: SEE ELECTRICAL
- NEW ACT TILE WHERE LIGHTING IS REMOVED
- DEMO WALL, REPAIR CEILING

RCP LEGEND

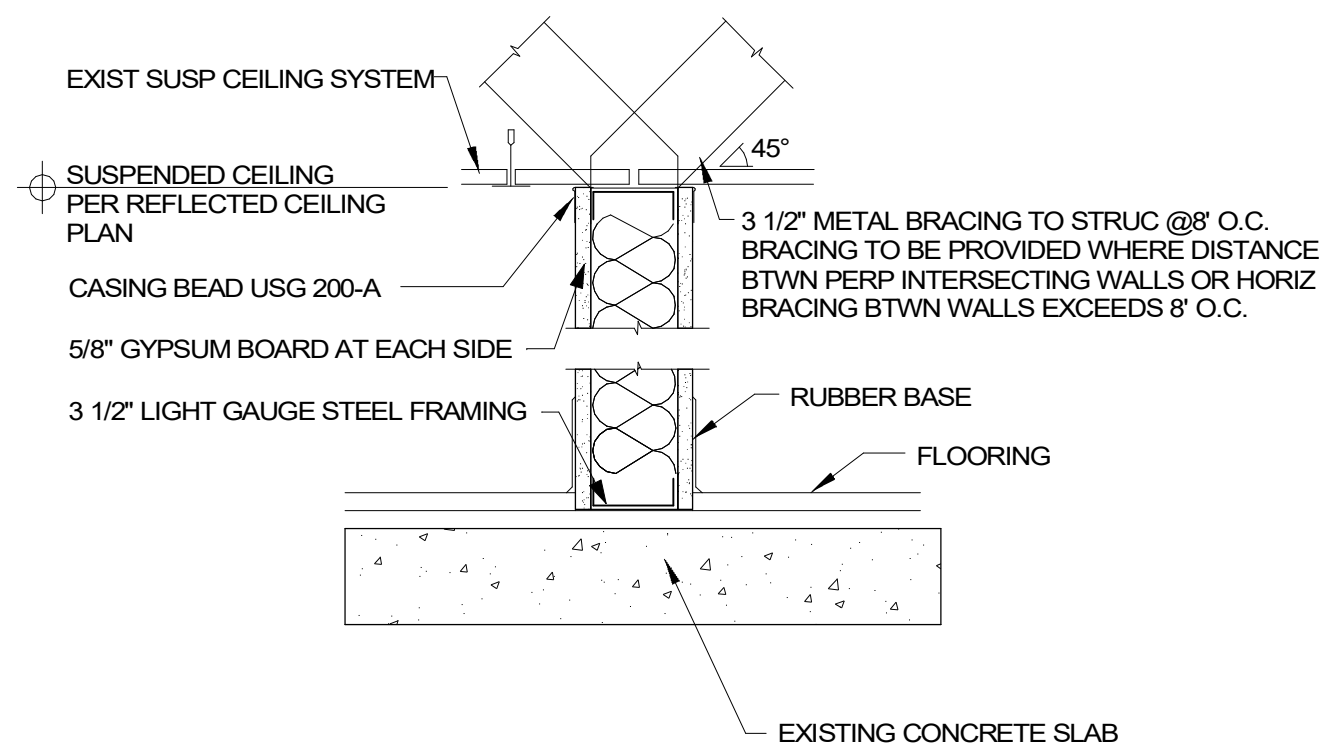
- ACT CEILING: EXISTING
- 2X4 OVERHEAD LIGHT
- DIFFUSER



NOTE: EQ STUDS NOT ACCEPTABLE

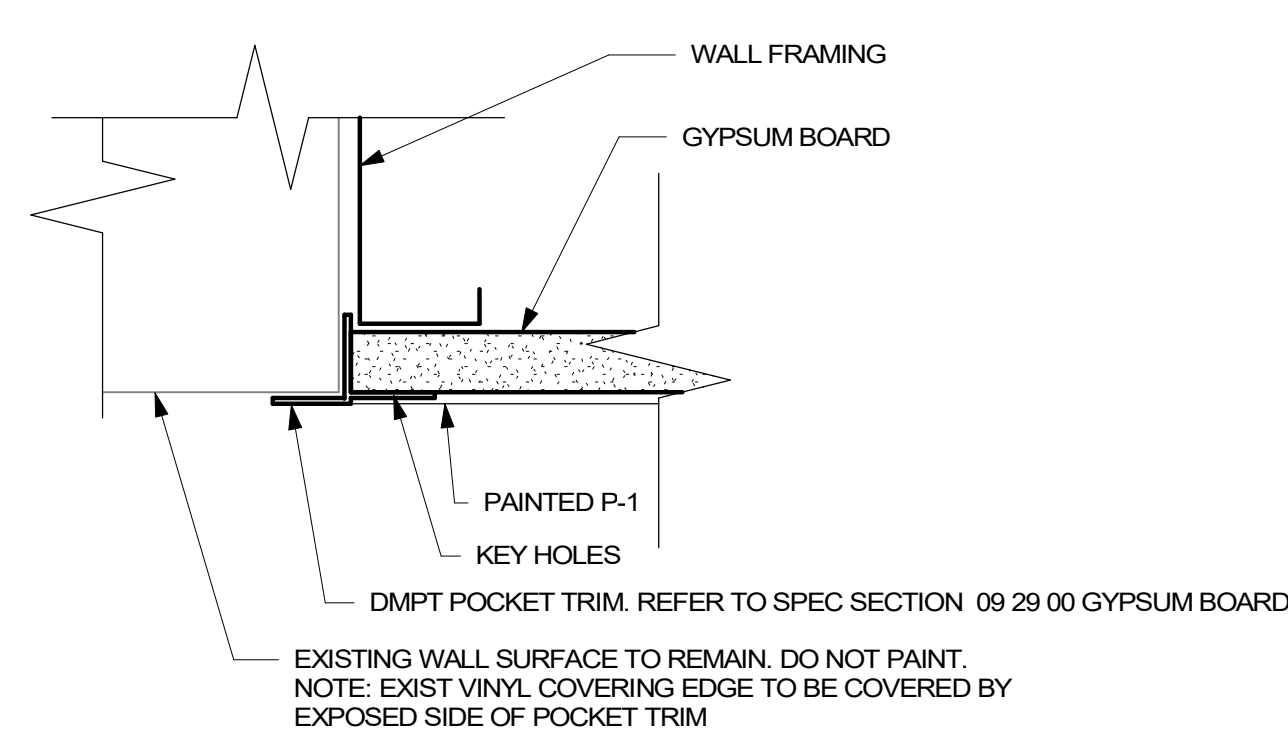
1 TYPICAL WALL ASSEMBLY

1 1/2" = 1'-0"



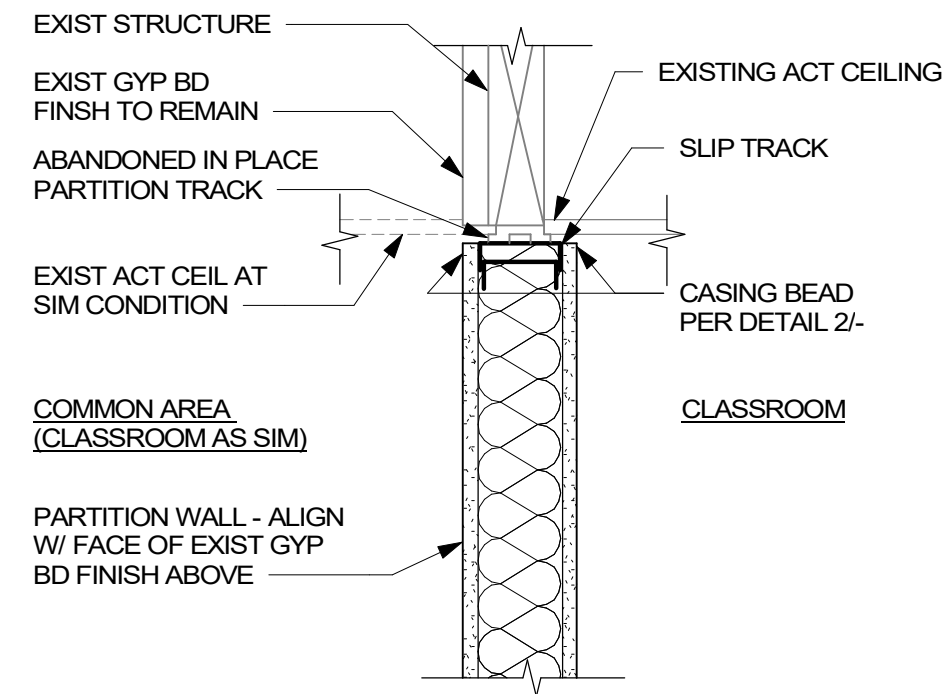
2 WALL - BASE TO UNDERSIDE OF ACT CEILING

1 1/2" = 1'-0"



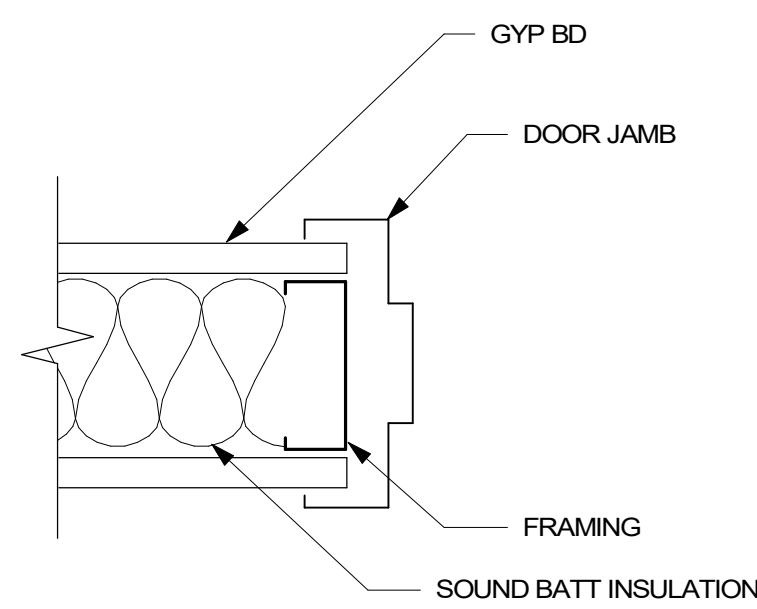
3 POCKET TRIM DETAIL

6" = 1'-0"



4 NEW WALL TO EXISTING PARTITION TRACK

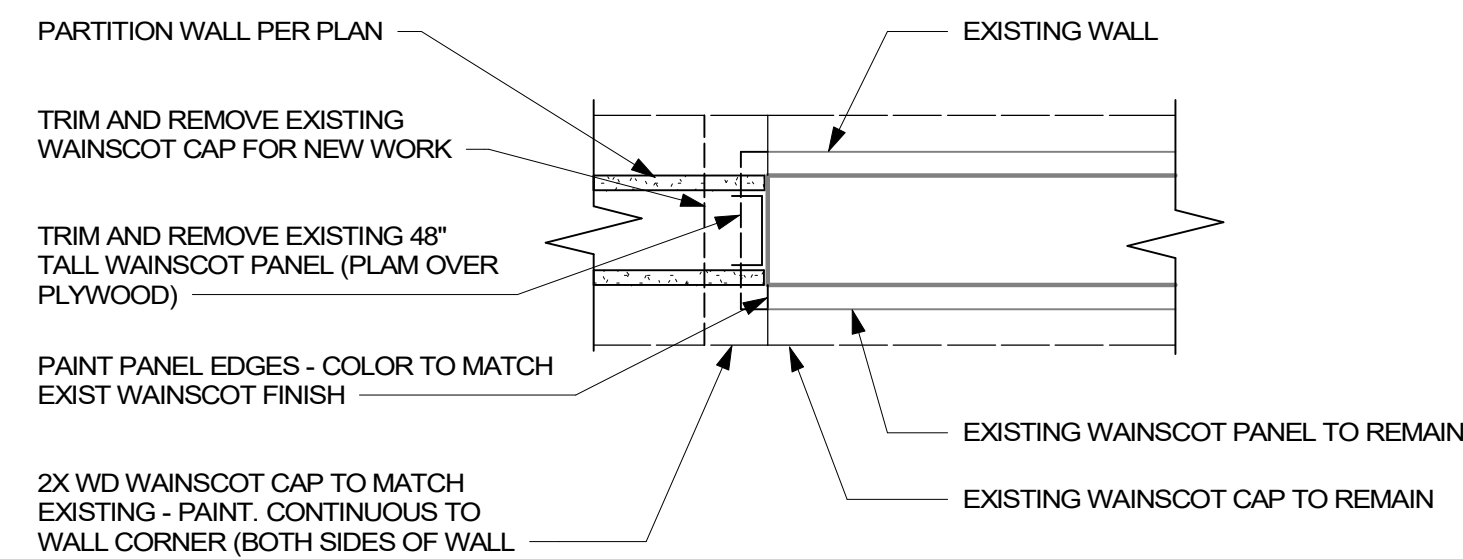
1 1/2" = 1'-0"



SIM AT DOOR HEAD, TYP

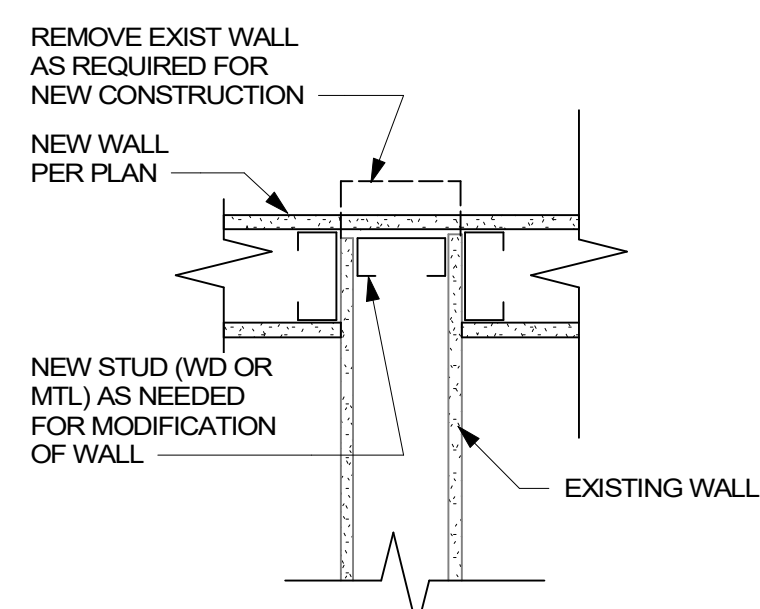
5 DOOR JAMB, TYP

3" = 1'-0"



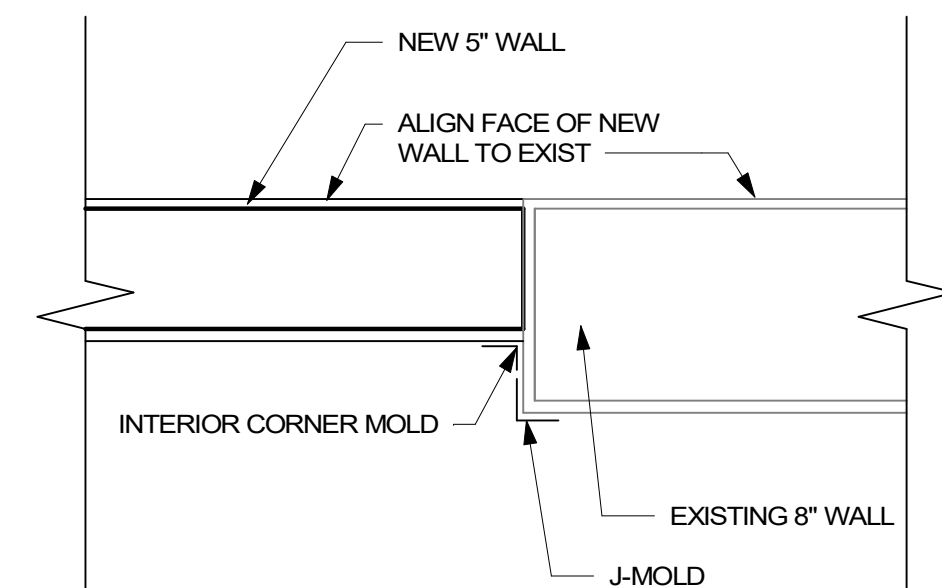
6A WAINSCOT MODIFICATION DETAIL @ END WALL

1 1/2" = 1'-0"



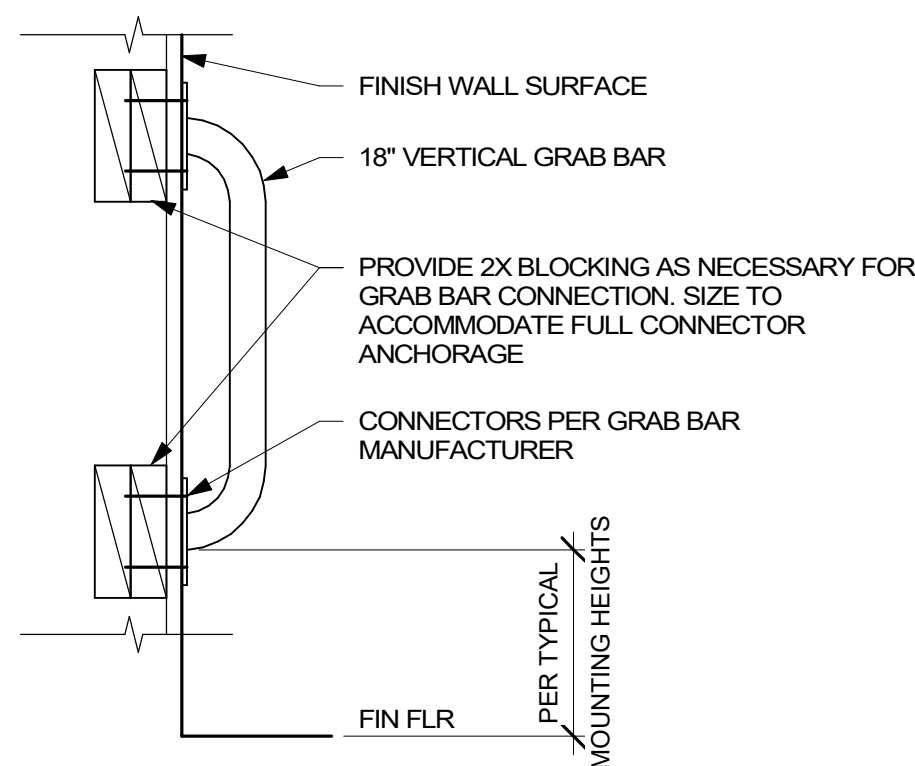
7 GYP COVERING WALL STUB

1 1/2" = 1'-0"



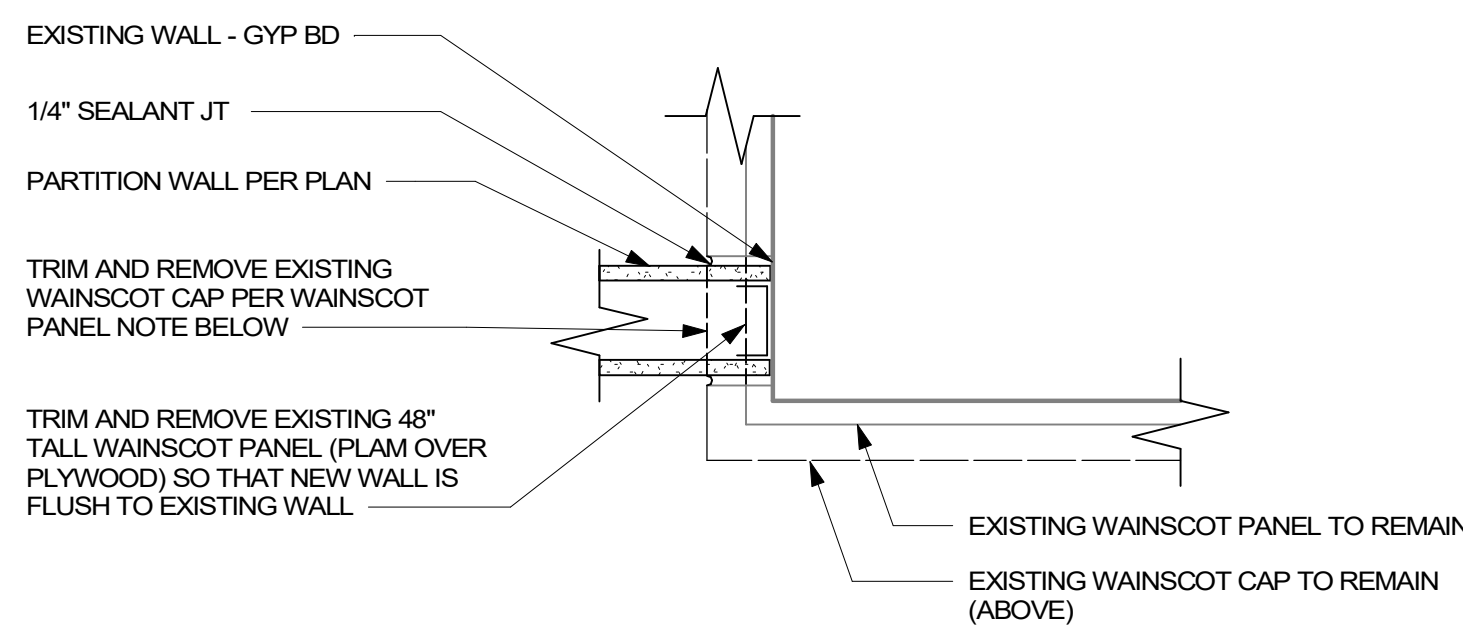
8 8" WALL TO 5" WALL TRIM TRANSITION

1 1/2" = 1'-0"



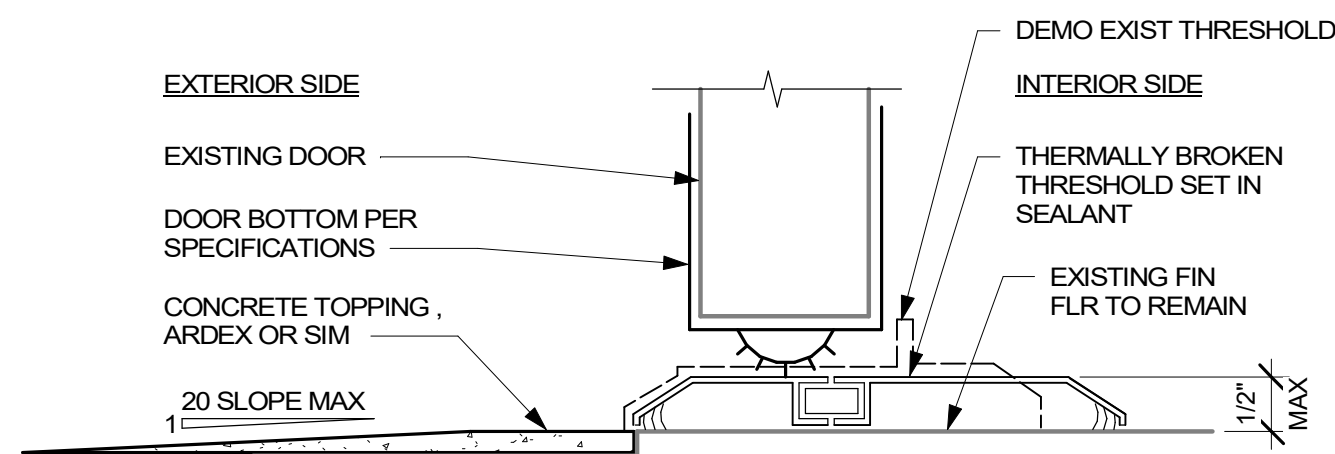
9 VERTICAL GRAB BAR DETAIL

1 1/2" = 1'-0"



6B WAINSCOT MODIFICATION DETAIL @ CORNER

1 1/2" = 1'-0"



10 DOOR BOTTOM AND THRESHOLD

6" = 1'-0"

DETAILS PER SCHOOL

SOME DETAILS APPLY TO SPECIFIC SCHOOLS. SEE LIST BELOW

BETHANY

1/A.8
2/A.8
3/A.8
5/A.8
7/A.8
9/A.8

MONTCLAIR

1/A.8
2/A.8
3/A.8
5/A.8
7/A.8

OAK HILLS

1/A.8
2/A.8
3/A.8
5/A.8
6A/A.8
8/A.8

WEST TUALATIN VIEW

1/A.8
2/A.8
3/A.8
4/A.8
5/A.8
6B/A.8

10/A.8 - SEE DOOR SCHEDULES

Symbol Legend

Annotation

(N)	INDICATES NEW EQUIPMENT.
(E)	INDICATES EXISTING EQUIPMENT TO REMAIN.
(D)	INDICATES EXISTING EQUIPMENT TO BE DEMOLISHED.
(RR)/(RD)	INDICATES EXISTING EQUIPMENT OR DEVICE TO BE REMOVED AND REINSTALLED.
	CONDUIT & CONDUCTOR CALLOUT. REFER TO CONDUIT & CONDUCTOR SCHEDULE.
	KEYED NOTE CALLOUT. REFER TO CORRESPONDING SHEET KEYNOTES.
	KEYED NOTE CALLOUT. REFER TO CORRESPONDING SHEET KEYNOTES.
	KEYED NOTE CALLOUT. REFER TO CORRESPONDING SHEET KEYNOTES.
	MECHANICAL EQUIPMENT CALLOUT. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE.
	DETAIL CALLOUT. REFER TO DETAIL AND SHEET AS INDICATED ON CALLOUT.
	FIXTURE MOUNTING CALLOUT. HEIGHT ABOVE FINISHED FLOOR (A.F.F.)
	EQUIPMENT CALLOUT. REFER TO NEMA CONNECTION SCHEDULE.
	SECTION CALLOUT. REFER TO DETAIL AND SHEET AS INDICATED ON CALLOUT.
	ELEVATION CALLOUT. REFER TO DETAIL AND SHEET AS INDICATED ON CALLOUT.

Raceways

	CONDUIT AND/OR CONDUCTORS INSTALLED ABOVE GRADE, CONCEALED IN WALL OR CEILING SPACE.
	CONDUIT AND/OR CONDUCTORS INSTALLED BELOW GRADE, BELOW SLAB.
	CONDUIT TURNED DOWN.
	CONDUIT TURNED UP.
	CONDUIT STUBBED AND CAPPED.
	CONDUIT DIRECT CONNECTION TO EQUIPMENT.
	FLEXIBLE CONNECTION TO EQUIPMENT.
	CONDUIT / WIRING CONTINUATION.
	HOMERUN TO PANELBOARD.
	CABLE TRAY. SIZE AND TYPE AS INDICATED ON DRAWINGS.

Switches

	SINGLE POLE SWITCH - MOUNTED AT 42" AFF, UON.
	LOW VOLTAGE 0-10 VOLT DIMMING SWITCH - MOUNTED AT 42" AFF, UON.
	OCCUPANCY SENSOR - CEILING OR WALL MOUNTED.
	OCCUPANCY SENSOR POWER PACK.
	PHOTOCELL - CEILING OR WALL MOUNTED.
	ADA DOOR PUSHPLATE.
	EMERGENCY STOP SWITCH, MUSHROOM HEAD.
	PUSHBUTTON, SINGLE OR DOUBLE.

Power Distribution

	DUPLEX RECEPTACLE, MOUNTED AT 18" AFF, UON.
	SIMPLEX RECEPTACLE, MOUNTED AT 18" AFF, UON.
	QUADPLEX RECEPTACLE, MOUNTED AT 18" AFF, UON.
	GFCI DUPLEX RECEPTACLE, MOUNTED AT 18" AFF, UON.
	GFCI QUADPLEX RECEPTACLE, MOUNTED AT 18" AFF, UON.
	TAMPERPROOF DUPLEX RECEPTACLE, MOUNTED AT 18" AFF, UON.
	TAMPERPROOF QUADPLEX RECEPTACLE, MOUNTED AT 18" AFF, UON.
	NEMA SPECIAL RECEPTACLE, MOUNTED AT 18" AFF, UON. NEMA CONFIGURATION AS INDICATED.
	SIDE HATCHED RECEPTACLE, TO BE WIRED TO SWITCHED CIRCUIT.
	CENTER HATCHED RECEPTACLE TO BE WIRED TO EMERGENCY CIRCUIT.
	RECEPTACLE MOUNTED ON CEILING.
	RECEPTACLE MOUNTED IN-COUNTER.
	DISCONNECT SWITCH.
	FUSED DISCONNECT SWITCH.
	ENCLOSED CIRCUIT BREAKER.
	COMBINATION STARTER.
	FLOORBOX COMBINATION POWER & DATA.
	FLOORBOX POWER.
	POKETHRU COMBINATION POWER & DATA.
	POKETHRU POWER.
	POWER POLE.
	PANELBOARD SURFACE MOUNT.
	PANELBOARD FLUSH MOUNT.
	MAIN DISTRIBUTION PANEL.
	UTILITY CT METER.
	UTILITY TRANSFORMER.

Low Voltage

	ETHERNET OUTLET MOUNTED AT 18" AFF, UON.
	COAXIAL OUTLET MOUNTED AT 18" AFF, UON.
	PHONE OUTLET MOUNTED AT 18" AFF, UON.
	LOW VOLTAGE OUTLET CEILING MOUNTED.
	WIRELESS ACCESS POINT CEILING MOUNTED.
	WIRELESS ACCESS POINT WALL MOUNTED.
	DIGITAL CLOCK.
	FLOORBOX DATA.
	POKETHRU DATA.
	IT RACK.
	VERTICAL WIRE MANAGEMENT.

Lighting

	TROFFER LUMINAIRE, SURFACE, RECESS, OR PENDANT MOUNTED AS INDICATED ON THE DRAWINGS.
	DOWNLIGHT LUMINAIRE, SURFACE, RECESS, OR PENDANT MOUNTED AS INDICATED ON THE DRAWINGS.
	UNDERCABINET LUMINAIRE.
	EMERGENCY BATTERY PACK LUMINAIRE, WALL OR CEILING MOUNTED.
	LINEAR PENDANT MOUNTED LUMINAIRE.
	LINEAR WALL MOUNTED LUMINAIRE.
	BOLLARD LUMINAIRE.
	SITE LUMINAIRE POLE MOUNTED. NUMBER OF HEADS AS SHOWN.
	TRACK LUMINAIRE.
	SPOT LUMINAIRE.
	WALL MOUNTED LUMINAIRE.
	RING PENDANT LUMINAIRE.
	WALL WASH LUMINAIRE POINTED IN DIRECTION AS SHOWN.
	EXIT SIGN, WALL OR CEILING MOUNTED, SINGLE FACE WITH DIRECTIONAL CHEVRONS AS INDICATED ON DRAWINGS.
	EXIT SIGN, WALL OR CEILING MOUNTED, DOUBLE FACE WITH DIRECTIONAL CHEVRONS AS INDICATED ON DRAWINGS.
	HALF HATCHED LUMINAIRE TO BE WIRED TO EMERGENCY CIRCUIT
	FULL HATCHED LUMINAIRE TO BE WIRED TO NIGHTLIGHT CIRCUIT.

Audio/Visual

	AV OUTLET - WALL MOUNTED AT 18" AFF, UON. SEE AUDIO VISUAL DETAILS FOR CONFIGURATIONS.
	AUDIO VIDEO OUTLET - CEILING MOUNTED.
	AUDIO SPEAKER - WALL MOUNTED AT 96" AFF, UON.
	AUDIO SPEAKER - CEILING MOUNTED.
	PAGING SPEAKER - WALL MOUNTED AT 96" AFF, UON.
	PAGING SPEAKER - CEILING MOUNTED.
	PAGING HORN - WALL MOUNTED AT 96" AFF, UON.
	INTERCOM SPEAKER - WALL MOUNTED AT 96" AFF, UON.
	INTERCOM SPEAKER - CEILING MOUNTED.
	INTERCOM CALL BUTTON - MOUNTED AT 42", UON.
	ADMINISTRATION CONSOLE. PROVIDE ONE (1) CAT6 CABLE.
	AV PROJECTOR - CEILING MOUNTED.
	AUDIO ENHANCEMENT DEVICE.

Miscellaneous

	JUNCTION BOX (ROUND, SQUARE).
	THERMOSTAT.
	RELAY.
	CORD REEL.
	MOTOR / EXHAUST FAN.
	CEILING FAN.
	UTILITY POLE.
	WEATHERHEAD.
	GROUND ROD.
	GROUND ROD WITH TEST WELL.
	SURFACE RACEWAY / WIREMOLD.
	FIRE RATED BACKBOARD.
	GROUND BUS BAR.

Fire Alarm

	FIRE ALARM AUDIO/VISUAL - WALL MOUNTED. CANDELA RATING AS SHOWN ON DRAWING.
	FIRE ALARM VISUAL - WALL MOUNTED. CANDELA RATING AS SHOWN ON DRAWING.
	FIRE ALARM AUDIO/VISUAL - CEILING MOUNTED. CANDELA RATING AS SHOWN ON DRAWING.
	FIRE ALARM VISUAL - CEILING MOUNTED. CANDELA RATING AS SHOWN ON DRAWING.
	FIRE ALARM BELL.
	FIRE ALARM SMOKE DETECTOR - CEILING MOUNTED.
	FIRE ALARM SMOKE DETECTOR - WALL MOUNTED.
	FIRE ALARM HEAT DETECTOR - CEILING MOUNTED.
	FIRE ALARM HEAT DETECTOR - WALL MOUNTED.
	FIRE ALARM DUCT SMOKE DETECTOR.
	FIRE ALARM DUCT SMOKE DETECTOR WITH REMOTE TEST STATION.
	FIRE ALARM MANUAL PULL STATION - WALL MOUNTED.
	FIRE ALARM MANUAL TAMPER SWITCH.
	FIRE ALARM MANUAL FLOW SWITCH.
	FIRE ALARM MANUAL PRESSURE SWITCH.
	FIRE ALARM MONITOR MODULE.
	FIRE ALARM RELAY INPUT.
	FIRE ALARM RELAY OUTPUT.
	FIRE ALARM POST INDICATOR VALVE.
	FIRE ALARM SURGE ARRESTOR.
	FIRE ALARM ISOLATION MODULE.
	FIRE ALARM ANNUNCIATOR.
	FIRE ALARM MAGNETIC DOOR HOLD.

Access Control & Security

	ACCESS CONTROL - DOOR CONTACT. PROVIDE 3/4" CONDUIT FROM DOOR FRAME TO ACCESSIBLE CEILING OR SECURITY JUNCTION BOX AS SHOWN ON THE DRAWINGS.
	ACCESS CONTROL - CARD READER. PROVIDE 3/4" CONDUIT FROM DOOR FRAME TO ACCESSIBLE CEILING OR SECURITY JUNCTION BOX AS SHOWN ON THE DRAWINGS.
	ACCESS CONTROL - ELECTRIC STRIKE. PROVIDE 3/4" CONDUIT FROM DOOR FRAME TO ACCESSIBLE CEILING OR SECURITY JUNCTION BOX AS SHOWN ON THE DRAWINGS.
	ACCESS CONTROL - KEY PAD. PROVIDE 3/4" CONDUIT FROM DOOR FRAME TO ACCESSIBLE CEILING OR SECURITY JUNCTION BOX AS SHOWN ON THE DRAWINGS.
	ACCESS CONTROL - MAGNETIC LOCK. PROVIDE 3/4" CONDUIT FROM DOOR FRAME TO ACCESSIBLE CEILING OR SECURITY JUNCTION BOX AS SHOWN ON THE DRAWINGS.
	ACCESS CONTROL - REQUEST TO EXIT. PROVIDE 3/4" CONDUIT FROM DOOR FRAME TO ACCESSIBLE CEILING OR SECURITY JUNCTION BOX AS SHOWN ON THE DRAWINGS.
	ACCESS CONTROL - ELECTRIFIED PANIC BAR. PROVIDE 3/4" CONDUIT FROM DOOR FRAME TO ACCESSIBLE CEILING OR SECURITY JUNCTION BOX AS SHOWN ON THE DRAWINGS.
	ACCESS CONTROL - SECURITY JUNCTION BOX. SIZED AS RECOMMENDED BY SECURITY SYSTEM MANUFACTURER.
	ACCESS CONTROL - CAMERA / INTERCOM.
	ACCESS CONTROL - PANIC BUTTON.
	SECURITY CAMERA - CEILING MOUNTED. PROVIDE ONE (1) CAT6.
	SECURITY CAMERA - WALL MOUNTED. PROVIDE ONE (1) CAT6.
	INTRUSION SENSOR - CEILING MOUNTED.
	INTRUSION SENSOR - WALL MOUNTED.
	INTRUSION KEYPAD.

GENERAL SHEET NOTES

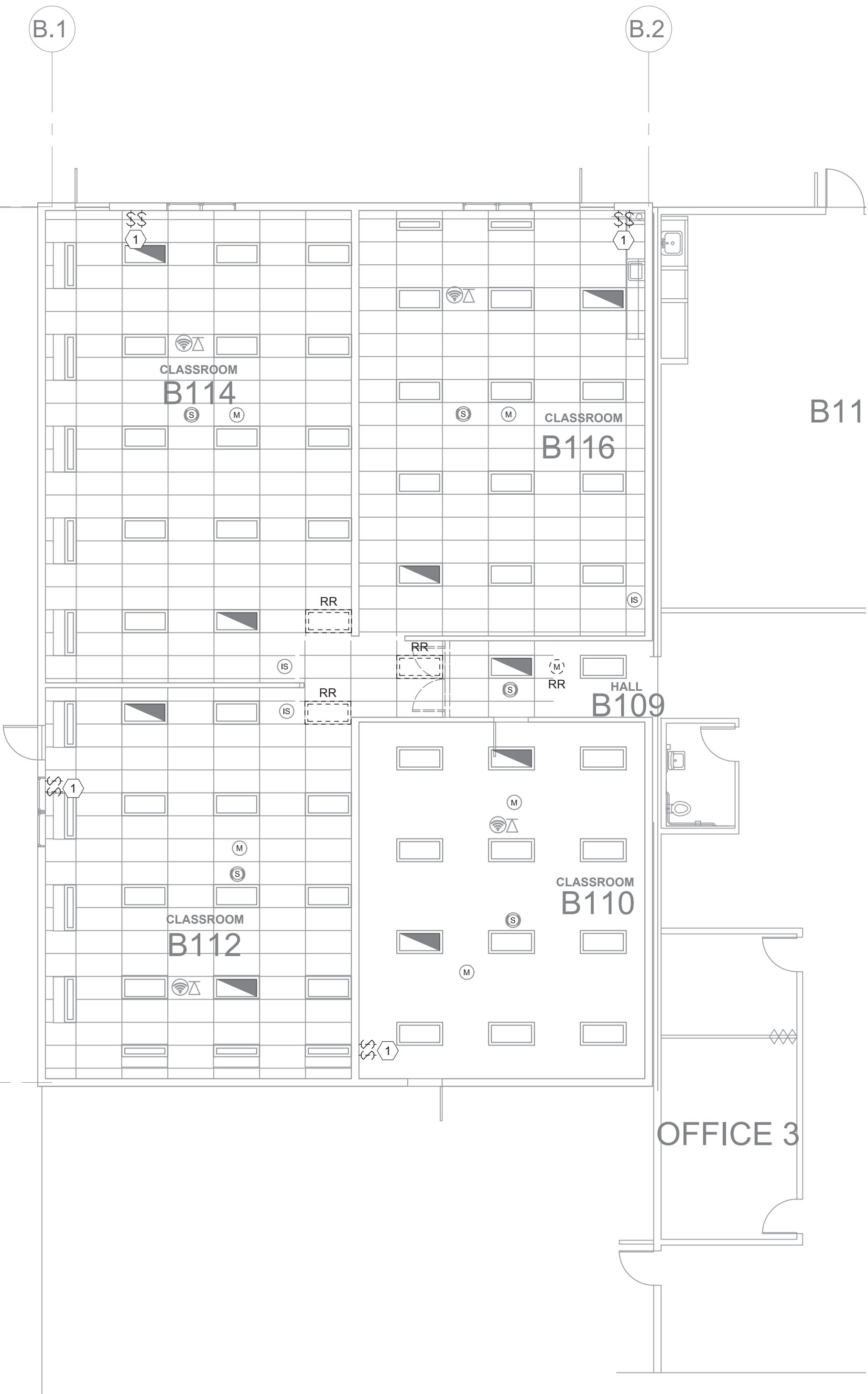
1. SEE DRAWING E.1 FOR ABBREVIATIONS AND SYMBOL LEGEND.

SHEET KEY NOTES

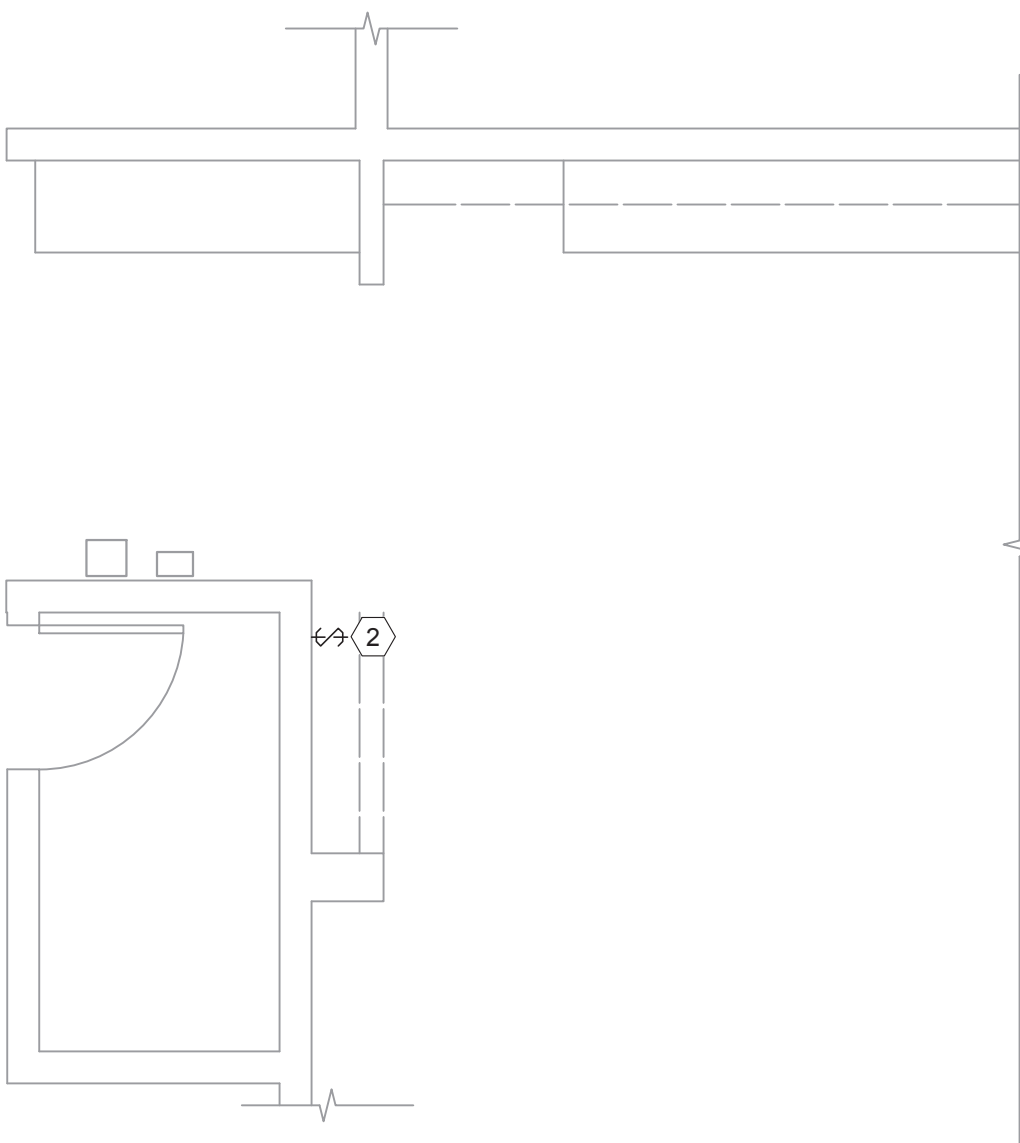
1. REMOVE EXISTING SINGLE POLE LIGHT SWITCHES AS SHOWN. SEE DRAWING B.E2 FOR INSTALLATION OF NEW 3-WAY SWITCHES.
2. REMOVE EXISTING SWITCH AS SHOWN. PROVIDE STAINLESS STEEL BLANK FACEPLATE TO COVER BOX.



1 BETHANY ELECTRICAL DEMOLITION PLANS
SCALE: 1/8" = 1'-0"



2 BETHANY ELECTRICAL DEMOLITION CEILING PLAN
SCALE: 1/8" = 1'-0"



3 DEMOLITION FLOOR
PLAN ADD ALTERNATE #1
SCALE: 1/4" = 1'-0"

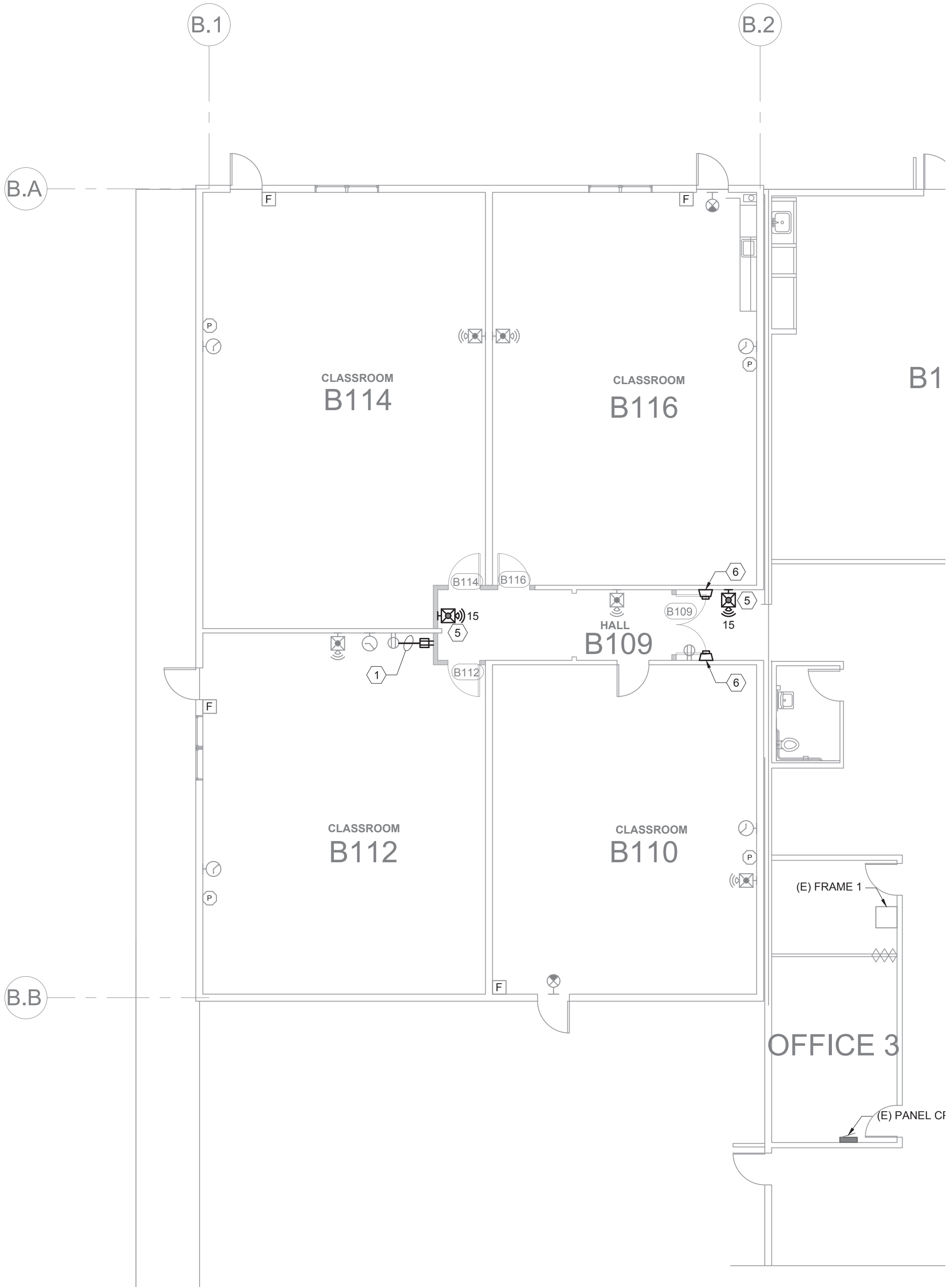
INTERIOR LUMINAIRE SCHEDULE												
FIXTURE NO.	DESCRIPTION	LAMP TYPE	LUMENS (MINIMUM)	CRI	COLOR TEMP.	DRIVER	EMERGENCY DRIVER	INTEGRAL MOTION/PHOTO SENSOR	VOLTS	LOAD	MFR.	MODEL NUMBER
X1	EXIT SIGN WITH WHITE POLYCARBONATE HOUSING, RED LETTERS, UL 924 LISTED, AND DAMP LOCATION LISTED. PROVIDE QUANTITY OF FACES AND CHEVRONS WITH DIRECTIONS AS SHOWN ON THE DRAWINGS. PROVIDE INTEGRAL BATTERY AND SELF-DIAGNOSTICS KIT.	LED	N/A	N/A	N/A	N/A	N/A	N/A	UNV	1 WATT	SURE-LITE	LPX SERIES

GENERAL SHEET NOTES

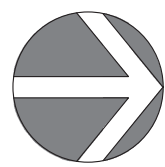
1. SEE DRAWING E.1 FOR ABBREVIATIONS AND SYMBOL LEGEND.

SHEET KEY NOTES

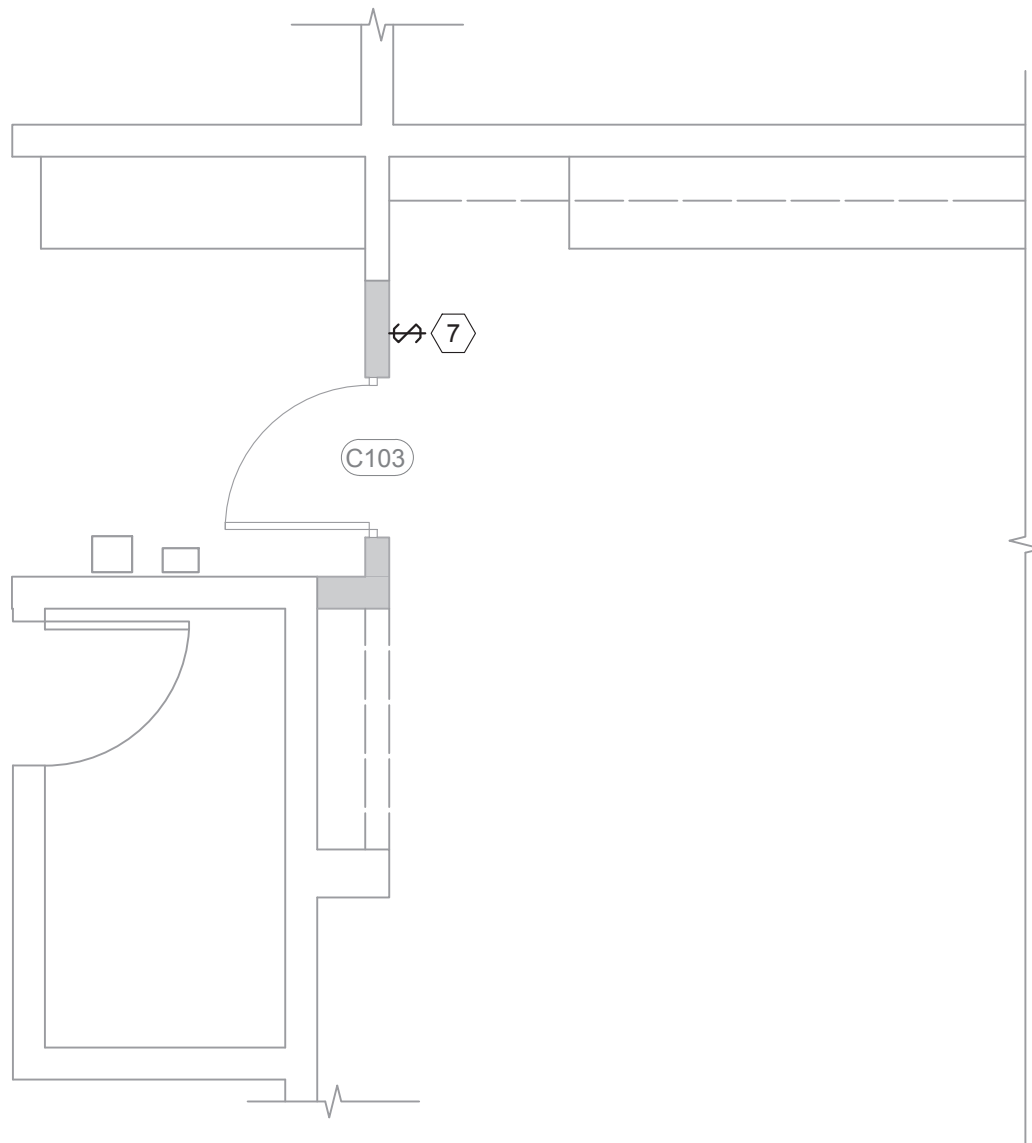
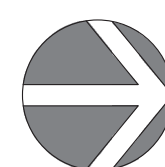
- CONTRACTOR SHALL INTERCEPT AND EXTEND EXISTING CIRCUITING TO NEW RECEPTACLE.
- PROVIDE NEW 3-WAY SWITCHES AND INSTALL IN EXISTING WALL BOX. RE-WIRE EXISTING LIGHTING FIXTURES IN ROOM FOR 3-WAY SWITCHING FUNCTION. MAINTAIN EXISTING SWITCHING SCHEME.
- INSTALL NEW 3-WAY SWITCHES.
- INSTALL NEW 3-WAY SWITCHES IN EXISTING WALL. CONTRACTOR SHALL PATCH AND PAINT TO MATCH EXISTING WALL CONDITIONS.
- INSTALL NEW FIRE ALARM HORN/STROBE IN EXISTING WALL. COORDINATE EXACT CONNECTION REQUIREMENTS WITH SIMPLEX.
- PROVIDE NEW MAGNETIC HOLD OPEN AS SHOWN. COORDINATE EXACT CONNECTION REQUIREMENTS WITH SIMPLEX.
- PROVIDE NEW SINGLE POLE WALL SWITCH AS SHOWN AND CONNECT TO EXISTING LIGHT FIXTURES IN STAFF ROOM.



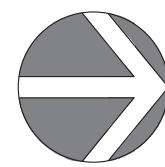
1 BETHANY ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"



2 BETHANY ELECTRICAL CEILING PLAN
SCALE: 1/8" = 1'-0"



3 DEMOLITION FLOOR
PLAN ADD ALTERNATE #1
SCALE: 1/4" = 1'-0"



SECURITY UPGRADES OAK HILLS ELEMENTARY SCHOOL

2625 NW 153RD AVE, BEAVERTON, OR 97006

CONTACT INFORMATION

OWNER:	BEAVERTON SCHOOL DISTRICT 16650 SW MERLO RD BEAVERTON, OR 97003
CLIENT CONTACT:	MEGAN FINCH, PROJECT MANAGER 16650 SW MERLO RD BEAVERTON, OR 97003 503-356-4318 Megan_Finch@beaverton.k12.or.us
ARCHITECT:	CONVERGENCE ARCHITECTURE BARB ANDERSON 503-208-1028 X-104 BANDERSON@CONVERGENCEARCH.COM
ELECTRICAL :	LANDIS CONSULTING MICHAEL HENNING 503-584-1576 MICHAEL_HENNING@LANDISCONSULTING.COM
CONTRACTOR:	TO BE DETERMINED

PROJECT DESCRIPTION

ADDING SECURE WALLS AND DOORS TO EACH OF THE CLASSROOM SPACES IDENTIFIED IN PROJECT SCOPE. MAINTAIN OR IMPROVE PATHS OF EGRESS AS REQUIRED BY CODE.

GENERAL NOTES

- THE INTENT OF THE CONTRACT DOCUMENTS IS THAT THE WORK SHALL CONFORM TO THE APPLICABLE CODES, REGULATIONS, AND ORDINANCES HAVING JURISDICTION. IF THE CONTRACTOR BELIEVES THAT ANY EXISTING CONDITIONS OR CONDITIONS CREATED BY THE PERFORMANCE OF THE WORK IS NON-COMPLIANT WITH THE LAW, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY.
- CONTRACTOR TO VERIFY THAT THE DRAWINGS ARE ACCURATE WITH RESPECT TO THE EXISTING CONDITIONS BEFORE PROCEEDING WITH THE WORK. IN THE EVENT THAT THE DOCUMENTS CONFLICT WITH THE EXISTING CONDITIONS, NOTIFY THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK OR REALTED WORK IN QUESTION.
- CONTRACTOR SHALL KEEP THE SITE FREE OF GARBAGE AND DEBRIS.
- ALL ITEMS ARE TO BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. MATERIALS THAT DO NOT INCLUDE SPECIAL INSULATION INSTRUCTIONS ARE TO BE INSTALLED USING THE MOST APPROPRIATE INDUSTRY STANDARD FOR THE INTENDED RESULT OF THE MATERIAL.
- MECHANICAL AND PLUMBING MODIFICATIONS FOR WORK SHOWN TO BE DESIGN/BUILD.

ABBREVIATIONS

ABV	ABOVE	J-BOX	JUNCTION BOX
ACT	ACOUSTIC CEILING TILE	MAG	MAGNETIC
AFF	ABOVE FINISHED FLOOR	MAX	MAXIMUM
AG	ABOVE GRADE	MH	MANHOLE
AHJ	AUTHORITY HAVING JURISDICTION	MIN	MINIMUM
ALT	ALTERNATE	MTD	MOUNTED
AV	AUDIO/VISUAL	MTL	METAL
DF	DRINKING FOUNTAIN		
		NIC	NOT IN CONTRACT
CB	CIRCUIT BREAKER	OPER	OPERATER/OPERABLE
CKT	CIRCUIT	OFCl	OWNER FURNISHED CONTRACTER
CLG	CEILING	INSTALLED	OWNER FURNISHED OWNER INSTALLED
CLR	CLEAR	OFOI	OWNER FURNISHED OWNER INSTALLED
CM	CEILING MOUNTED	PB	PULLBOX
COMM	COMMUNICATIONS	PLYWD	PLYWOOD
CTRL	CONTROL	P LAM	PLASTIC LAMINATE
CU	COPPER	PNL	PANEL, PANELBOARD
		POS	POSITION/POINT OF SALE
D	DATA	PR	PAIR
DED	DEDICATED	PT	PRESSURE TREATED
DEV	DEVICE	RCP	REFLECTED CEILING PLAN
DIST	DISTANCE	RECEPT	RECEPTACLE
DN	DOWN	REF	REFERENCE
EWC	ELECTRIC WATER COOLER		
(E), EXIST	EXISTING	SF	SQUARE FEET, SQUARE FOOT
FA	FIRE ALARM	SLV	SLEEVE
FB	FLOOR BOX	SPECS	SPECIFICATIONS
FE	FIRE EXTINGUISHER	SW	SWITCH
FEC	FIRE EXTINGUISHER CABINET		
FIN FLR	FINISH FLOOR	TELECOM	TELECOMMUNICATIONS
FLR	FLOOR	TV	TELEVISION
FOC	FACE OF COLUMN	TYP	TYPICAL
		UF	UNDER FLOOR
G.GND	GROUND	UG	UNDER GROUND
GA	GALUGE	UON	UNLESS OTHERWISE NOTED
GALV	GALVANIZED	V	VOLT OR VOICE
GB	GRAB BAR	VIF	VERIFY IN FIELD
GFI,GFCI	GROUND FAULT CIRCUIT		
	INTERRRUPTER	WAP	WIRELESS ACCESS POINT
GYP BD	GYPSUM BOARD	WD	WOOD
		WP	WEATHERPROOF
		XFMR	TRANSFORMER

PROJECT DATA AND CODE ANALYSIS

PROPERTY ID#:	R605624
TAXLOT ID#:	1N129CA09100
RELEVANT CODES:	2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC)
YEAR OF ORIGINAL CONSTRUCTION:	1965 WITH MULTIPLE ADDITIONS, 1992 AREA OF WORK
OVERALL BUILDING AREA:	
ACTUAL AREA: 48,144 SF (EXISTING NO CHANGE)	AREA OF WORK: ACTUAL AREA: 3,500 SF (EXISTING NO CHANGE)

CHAPTER 3 - OCCUPANCY CLASSIFICATION AND USE

CLASSIFICATION : GROUP E, EDUCATIONAL: GROUP A-3, ASSEMBLY (GYMNASIUM, CAFETERIA)
(EXISTING, NO CHANGE BY THIS WORK)

USE: ELEMENTARY SCHOOL (EXISTING, NO CHANGE)

CHAPTER 6 - TYPES OF CONSTRUCTION

TYPE VB, ANY MATERIALS PERMITTED BY OSSC (EXISTING, NO CHANGE)

NON-FIRE SPRINKLERED IN AREAS OF WORK.(EXISTING, NO CHANGE)

NOTE: FACILITY HAS EXISTING FULL FIRE ALARM INCLUDING HORN, STROBES, SMOKE DETECTORS, AND MANUAL PULLS TO REMAIN.

CHAPTER 10 - MEANS OF EGRESS

OCCUPANCY LOADS ALLOWABLE

- A. CLASS ROOM: 20 SF/OCC
- B. LIBRARY: 50 SF/OCC
- C. ACCESSORY ROOMS: 100 SF/OCC
- D. STORAGE: 100 SF/OCC
- E. OFFICE: 150 SF/OCC

MAXIMUM TRAVEL DISTANCE

- A. COMMON (SINGLE) PATH OF EGRESS TO EXIT OR POINT OF TWO DIRECTIONS TO EXIT: 75 FEET
- B. TOTAL EGRESS PATH TO EXIT: 200 FEET

EXITS

- A. TWO REQUIRED MINIMUM UNLESS EXCEPTIONS MET
- B. SEPARATED BY MINIMUM 1/2 THE DIAGONAL DISTANCE OF THE SPACE SERVED
- C. HALL WIDTH MINIMUM 44 INCHES WIDE
- D. DOORS MINIMUM 36 INCHES WIDE TO MEET ANSI A117.1

SPACES WITH ONE EXIT

- A. ALLOWABLE IF COMMON PATH IS NOT EXCEEDED
- B. ALLOWABLE IF ONE EXIT IS TO EXTERIOR
- C. MAXIMUM 49 OCCUPANTS

DEAD END CORRIDORS LIMITED TO 20 FEET MAXIMUM

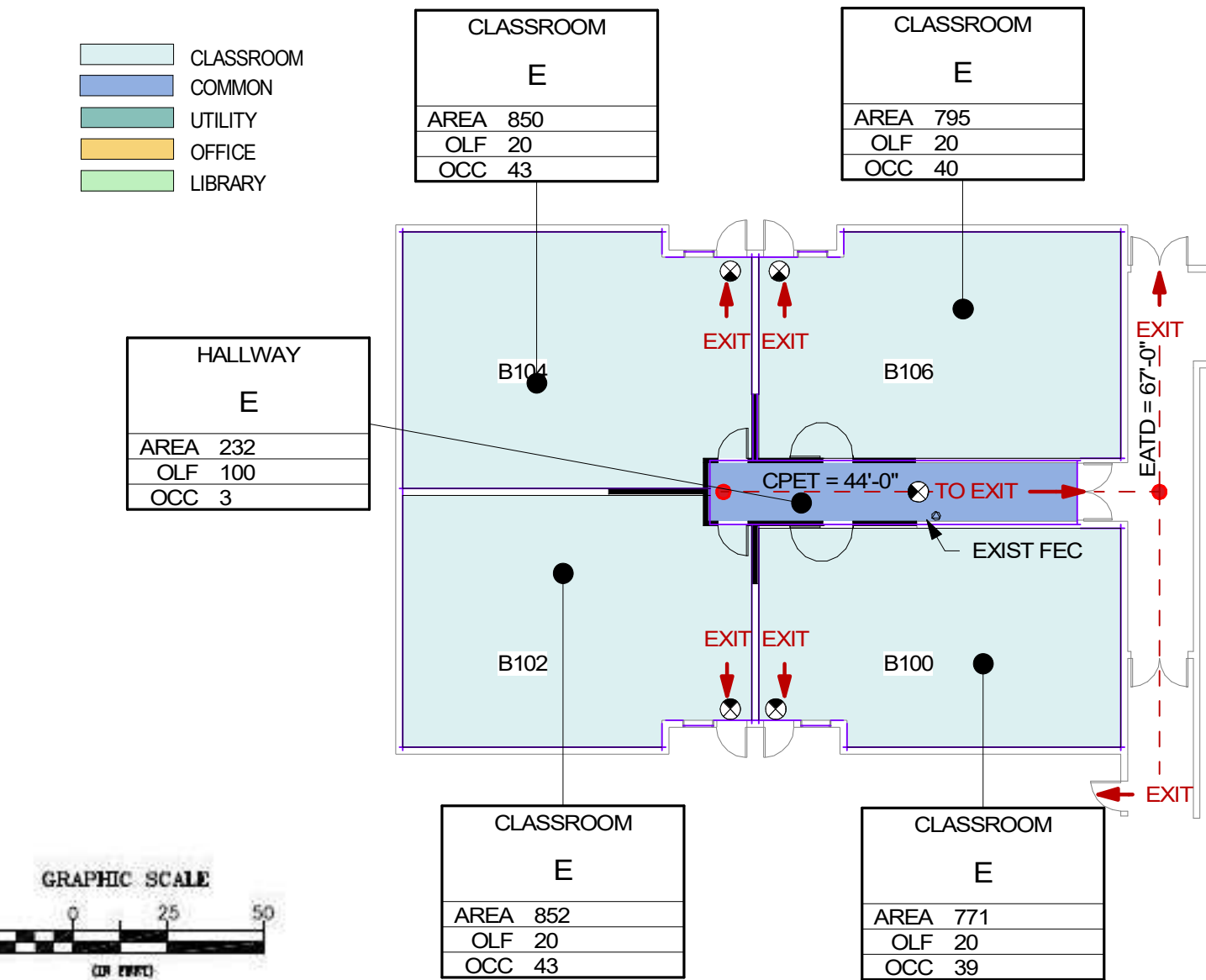
NO EXIT PATH TO THROUGH INTERVENING ROOMS ALLOWED

CHAPTER 11 - ACCESSIBILITY

ALL CONSTRUCTION AND ITEMS NOTED TO BE IMPROVED HEREIN TO COMPLY WITH INTERNATIONAL CODE COUNCIL (ICC) A117.1-2009

CODE LEGEND

	FIRE EXTINGUISHER AS NOTED		1 HOUR FIRE BARRIER
	FIRE EXTINGUISHER CABINET AS NOTED		2 HOUR FIRE BARRIER
	EXIT SIGN		3 HOUR FIRE BARRIER
	OCCUPANT EGRESS LOAD AT DOOR		4 HOUR FIRE BARRIER
	OCCUPANCY CLASSIFICATION		BUILDING/AREA DIAGONAL (1/3rd BLDG/AREA DIAGONAL MAX)
	AREA - SQUARE FEET		EXIT SEPARATION DISTANCE (E = 200' MAX)
	OCCUPANCY LOAD FACTOR, GROSS (NET WHERE NOTED)		COMMON PATH OF EGRESS TRAVEL (INCLUDED IN EATD) (E = 75' MAX)
	NUMBER OF OCCUPANTS		



1 VICINITY PLAN

NTS - FOR REFERENCE ONLY

2 SITE PLAN

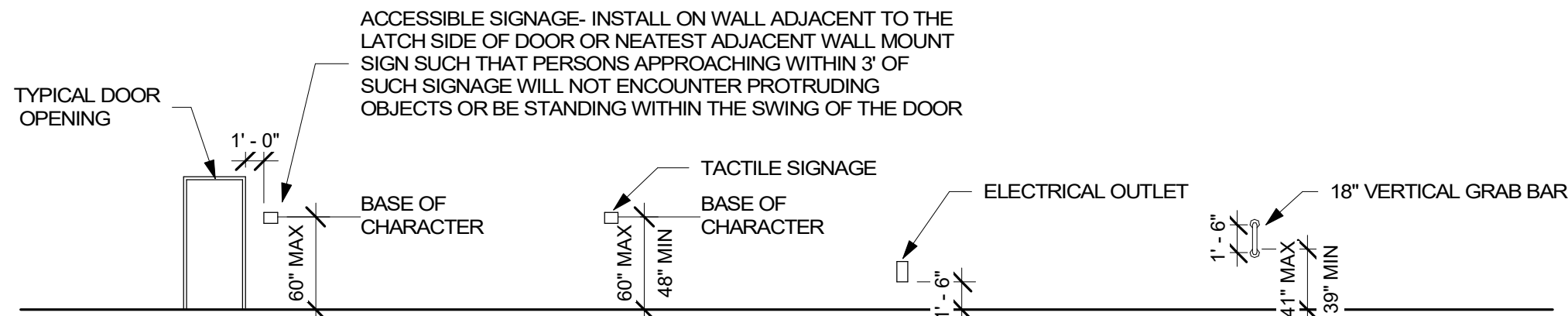
NTS - FOR REFERENCE ONLY

3 OVERALL FLOOR PLAN

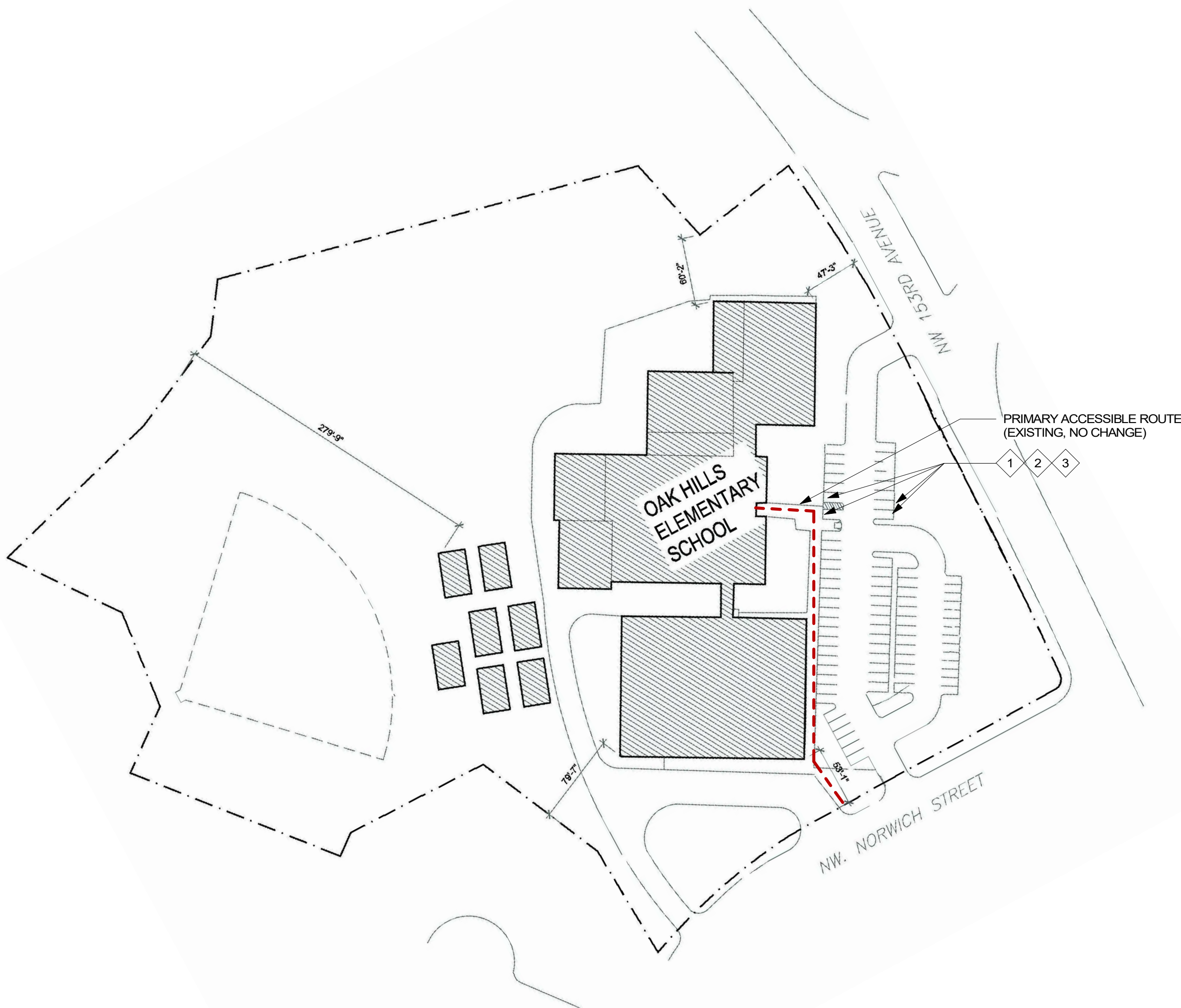
NTS - FOR REFERENCE ONLY

4 LIFE SAFETY PLAN

1/16" = 1'-0"



TYPICAL MOUNTING HEIGHTS



1 SITE ACCESSIBLE ROUTE AND IMPROVELENTS PLAN
NTS - FOR REFERENCE ONLY

IMPROVEMENT NARRATIVE

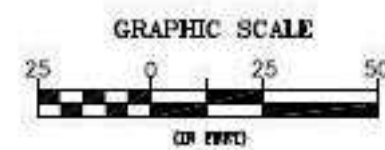
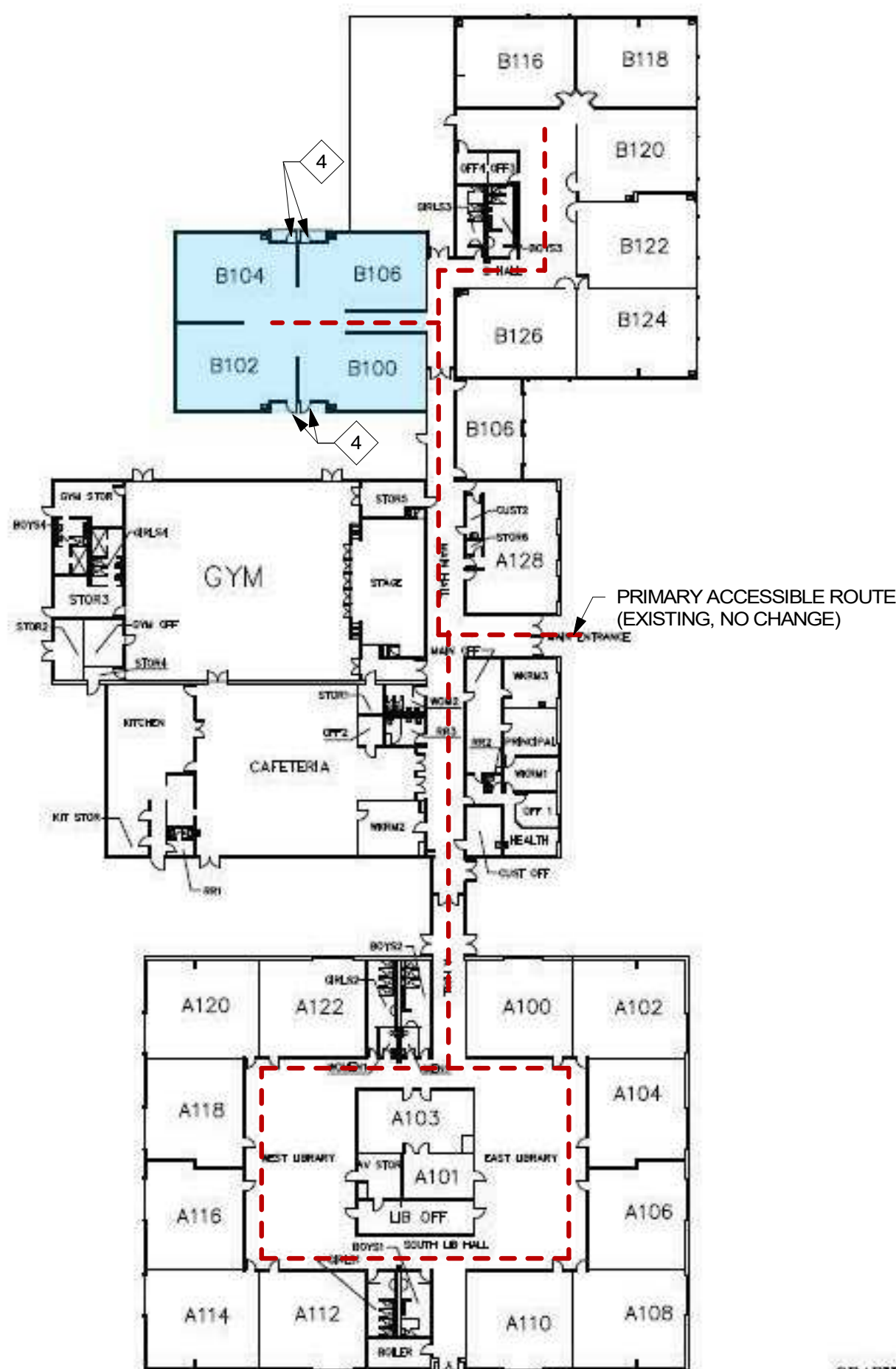
PER OSSC SECTION 3403.4, ALTERATIONS FOR AN EXISTING FACILITY TO COMPLY WITH THE APPLICABLE PROVISION IN CH. 11 OF THE BUILDING CODE. THE ACCESSIBLE ROUTE TO THE PRIMARY FUNCTION SHALL BE ACCESSIBLE TO THE MAXIMUM EXTENT FEASIBLE, COSTS NOT EXCEEDING 25% OF THE ALTERATION COSTS.

BASED ON FIELD OBSERVATIONS THE FOLLOWING ITEMS CAN BE ADDRESSED BASED ON THE CRITERIA NOTED ABOVE. ITEMS NOTED OFOI ARE PROPOSED TO BE SELF-PERFORMED BY BEAVERTON SCHOOL DISTRICT.

- OFOI - ADD AT ACCESSIBLE PARKING ACCESS AISLE "NO PARKING" SIGN AND STRIPING PER ODOT STANDARDS
- OFOI - ACCESSIBLE ROOM SIGNAGE AT CLASSROOM AREAS FROM HALLWAY.
- REPLACE EXISTING 1" TALL THRESHOLDS FOR ROOMS B100, B102, B104, B106 WITH ACCESSIBLE COMPLIANT THRESHOLDS OF 1/2" TALL MAXIMUM, AND TRANSITION EXISTING EXTERIOR CONCRETE PAD AS REQUIRED TO MEET 1/2".

KEY NOTE LEGEND

- PARKING STRIPING AND 'NO PARKING' SIGN TO MEET ODOT STANDARDS IN (4) PLACES PER NOTED FIGURE 2
- USE STANDARD ODOT APPROVED COLORS FOR PARKING LOT UPGRADE
- ADA UPGRADES TO MEET ODOT AUGUST 2018 STANDARDS FOR ACCESSIBLE PARKING PLACES
- REPLACE THRESHOLDS WITH 1/2" MAX. SADDLE THRESHOLD AND BUILD UP EXISTING EXTERIOR CONCRETE PAD AS NECESSARY TO MEET RISE AND SLOPE REQUIREMENTS



2 BUILDING ACCESSIBLE ROUTE AND IMPROVELENTS PLAN
NTS - FOR REFERENCE ONLY

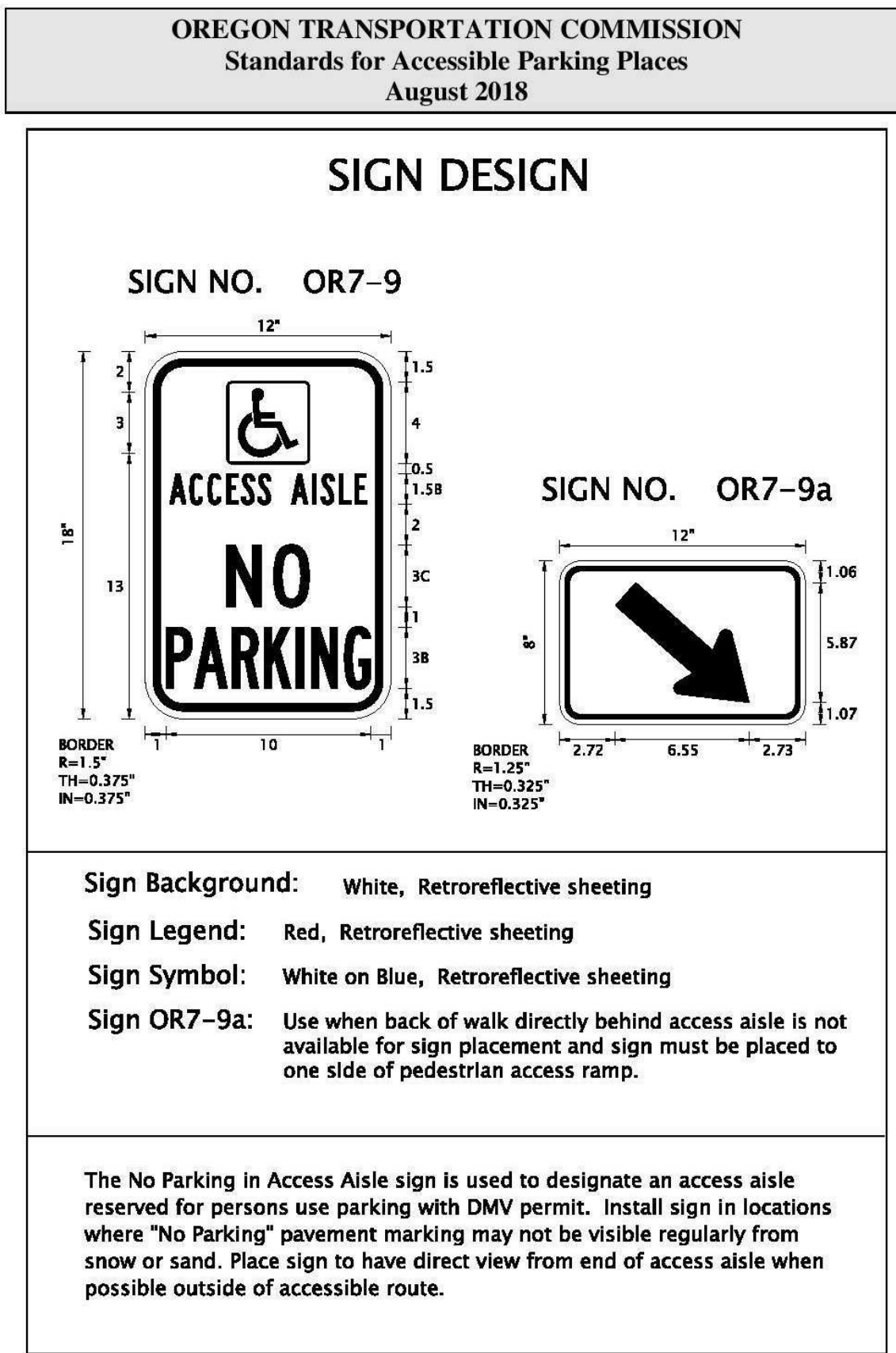
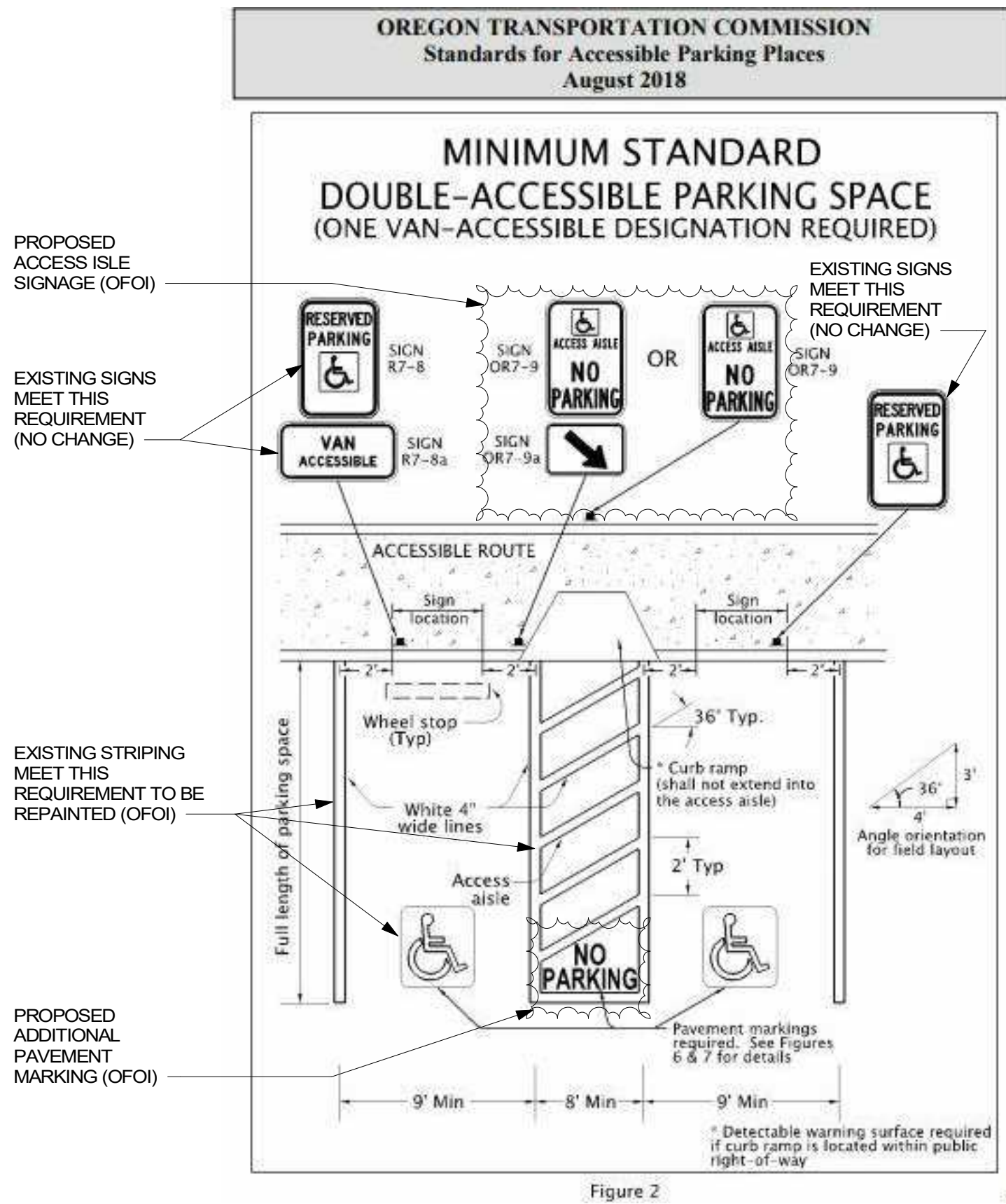
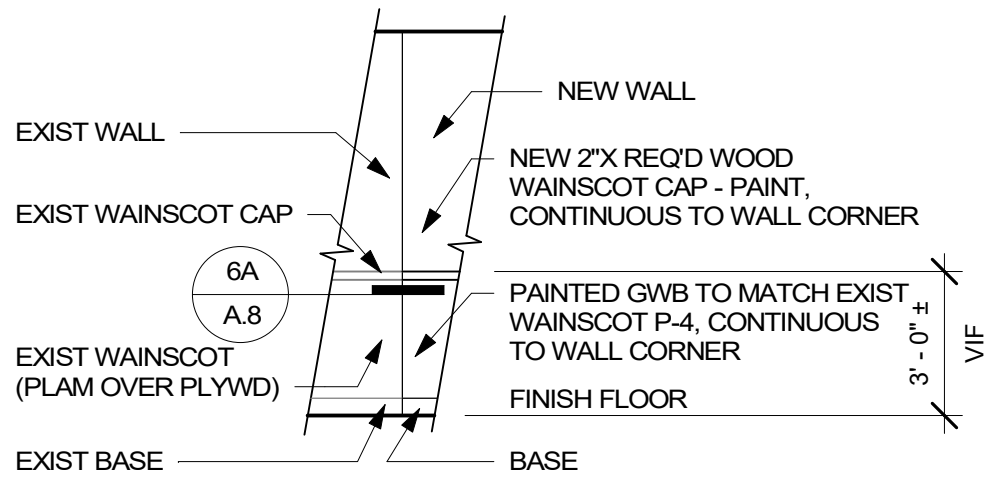


Figure 11

ROOM FINISH SCHEDULE-OH					
NUMBER	NAME	FLOOR FINISH	WALL FINISH	BASE FINISH	CEILING FINISH
B100	CLASSROOM	EXISTING BROADLOOM CARPET + VCT (1)	P-1, P-4 AT WAINSCOT	COVE BASE	EXISTING (2)
B102	CLASSROOM	EXISTING BROADLOOM CARPET + VCT (1)	P-1, P-4 AT WAINSCOT	COVE BASE	EXISTING (2)
B104	CLASSROOM	EXISTING BROADLOOM CARPET + VCT (1)	P-1, P-4 AT WAINSCOT	COVE BASE	EXISTING (2)
B106	CLASSROOM	EXISTING BROADLOOM CARPET + VCT (1)	P-1, P-4 AT WAINSCOT	COVE BASE	EXISTING (2)
B107	HALL	EXISTING BROADLOOM CARPET (1)	P-1	COVE BASE	EXISTING (2)

1. EXISTING CARPET AND VCT FLOOR TO REMAIN, SEE FLOOR PLAN FOR SPECIFIC REPAIRS
2. EXISTING ACT CEILING TO REMAIN, SEE REFLECTED CEILING PLAN FOR SPECIFIC REPAIRS
3. SEE SPECIFICATIONS FOR PAINT TYPE AND COLOR SELECTION
4. NEW WALLS TO BE PAINTED P-1. PAINTED AREAS WILL GO TO EITHER AN EXISTING WALL (CORNER) OR TO THE EDGE OF POCKET TRIM.

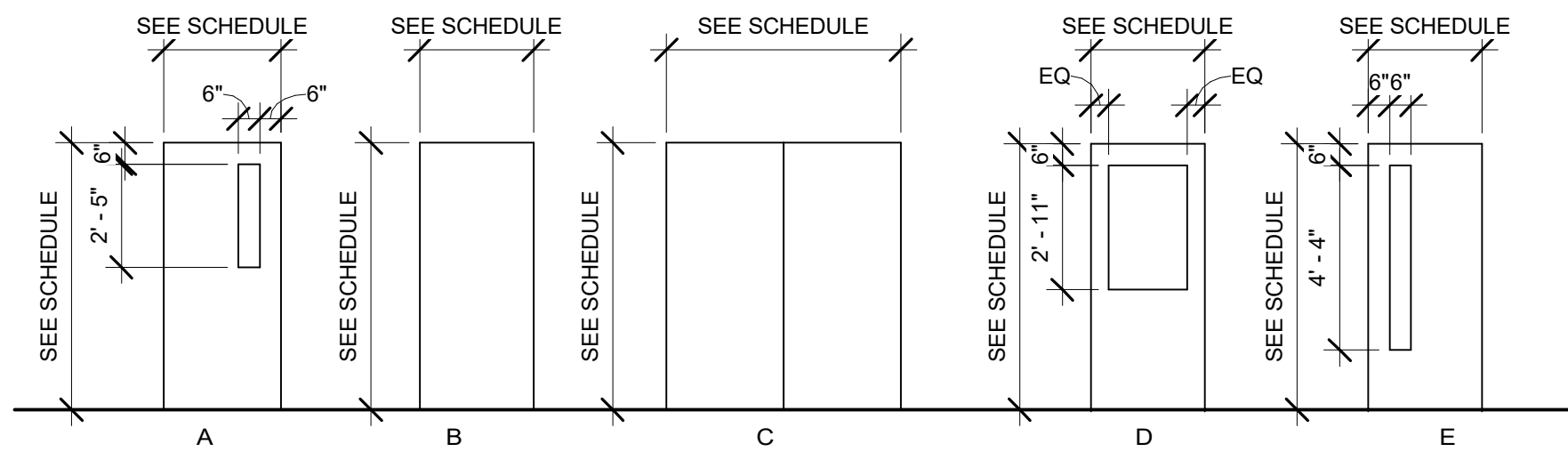


3 NEW TO EXIST WALL ELEVATION

DOOR SCHEDULE - OH 1														
NO	HW	NEW / EXISTING	INT / EXT	SWING	DOOR							FRAME		DETAILS
					SIZE			TYPE	MATL	FINISH	GLASS	MATL	FINISH	
					W	H	T							
B100	H-1	NEW	INTERIOR	180	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	5/A.8
B101	H-4	EXISTING	EXTERIOR	90	3' - 0"	7' - 0"	1 3/4"	E	SOLID CORE WOOD	-	CLEAR TEMPERED SAFETY GLASS	HM	-	10/A.8
B102	H-1	NEW	INTERIOR	90	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	5/A.8
B103	H-4	EXISTING	EXTERIOR	90	3' - 0"	7' - 0"	1 3/4"	E	SOLID CORE WOOD	-	CLEAR TEMPERED SAFETY GLASS	HM	-	10/A.8
B104	H-1	NEW	INTERIOR	90	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	5/A.8
B105	H-4	EXISTING	EXTERIOR	90	3' - 0"	7' - 0"	1 3/4"	E	SOLID CORE WOOD	-	CLEAR TEMPERED SAFETY GLASS	HM	-	10/A.8
B106	H-1	NEW	INTERIOR	180	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	5/A.8
B107	H-4	EXISTING	EXTERIOR	90	3' - 0"	7' - 0"	1 3/4"	E	SOLID CORE WOOD	-	CLEAR TEMPERED SAFETY GLASS	HM	-	10/A.8

Grand total: 8

HM - HOLLOW METAL



DOOR TYPES

- NOTES
1. SEE DOOR SCHEDULE FOR FINISH AND SIZE DETAILS
 2. MATCH PROFILE AND FINISH OF NEW DOORS TO EXISTING CLASSROOM DOORS IN PROJECT AREA. CONTRACTOR TO VERIFY LITE SIZE AND CONFIGURATION TO MATCH ON-SITE CONDITIONS

RCP LEGEND

ACT CEILING: EXISTING

2X4 OVERHEAD LIGHT

OCCUPANCY SENSOR 0

DIFFUSER

RCP KEY NOTE LEGEND

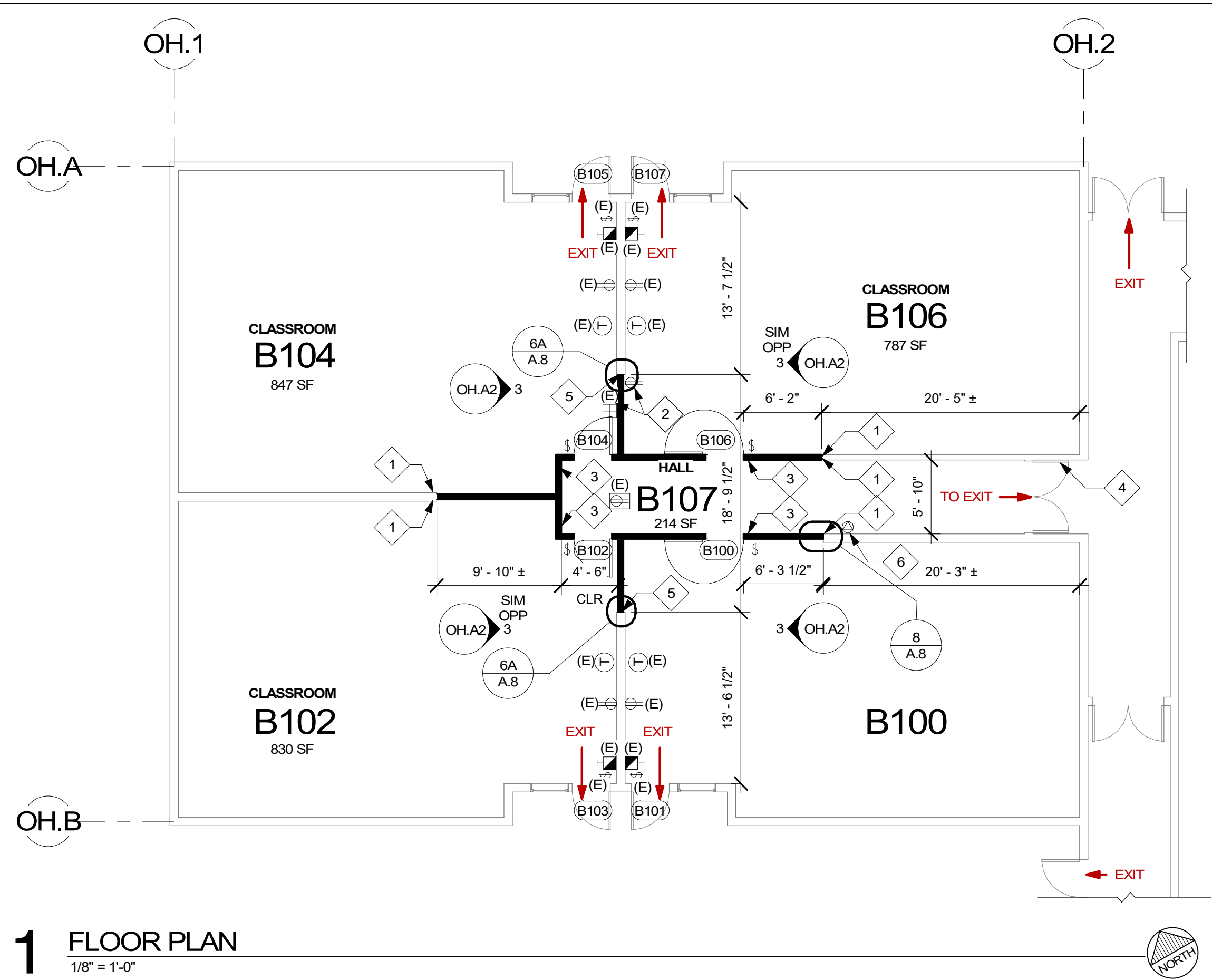
1. EXISTING LIGHT TO BE REMOVED AND SALVAGED
SEE ELECTRICAL
2. REPLACE ACT TILE
3. NEW ACT TILE WHERE LIGHTING IS REMOVED



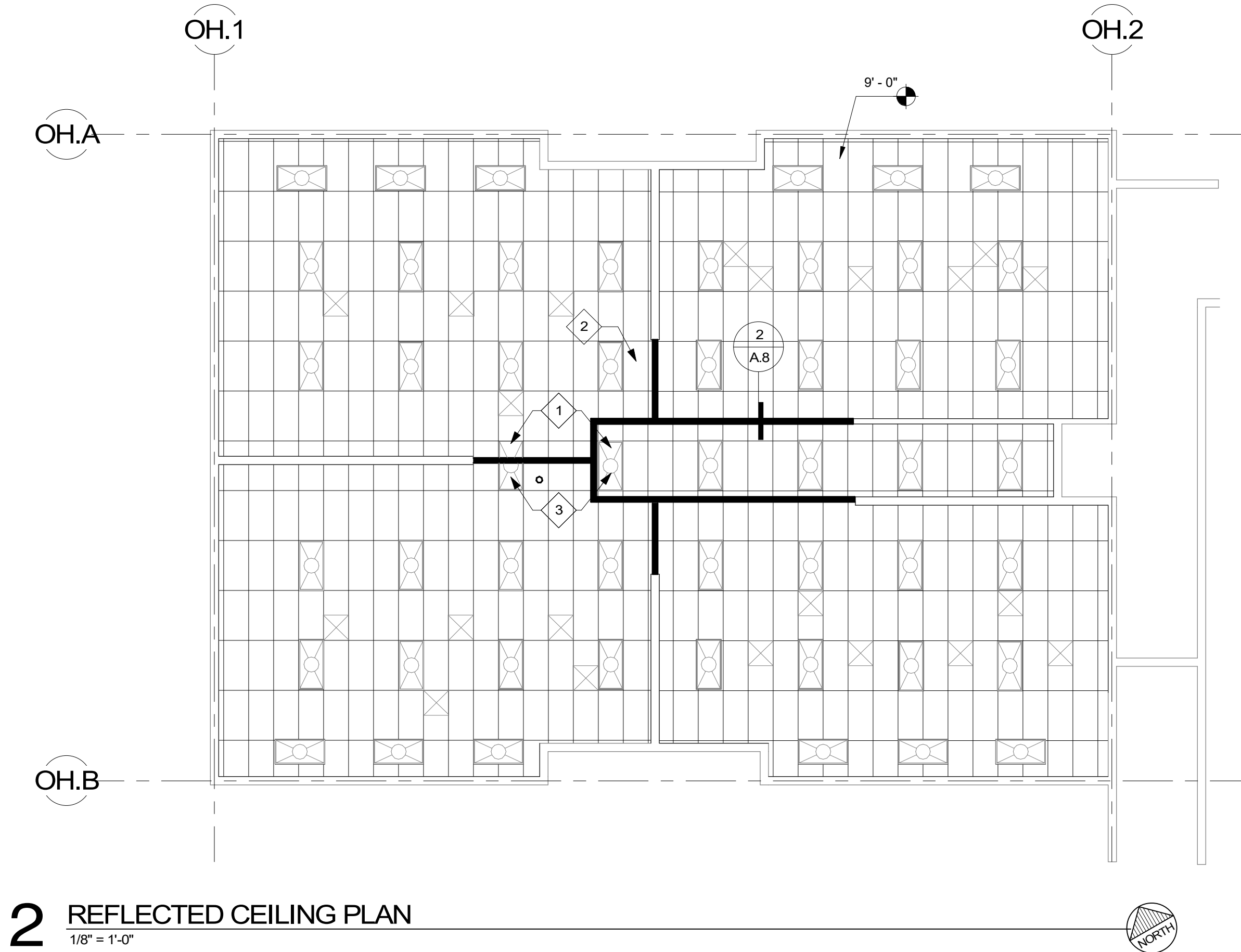
ADA 5'-0" MINIMUM TURN RADIUS

← EXIT

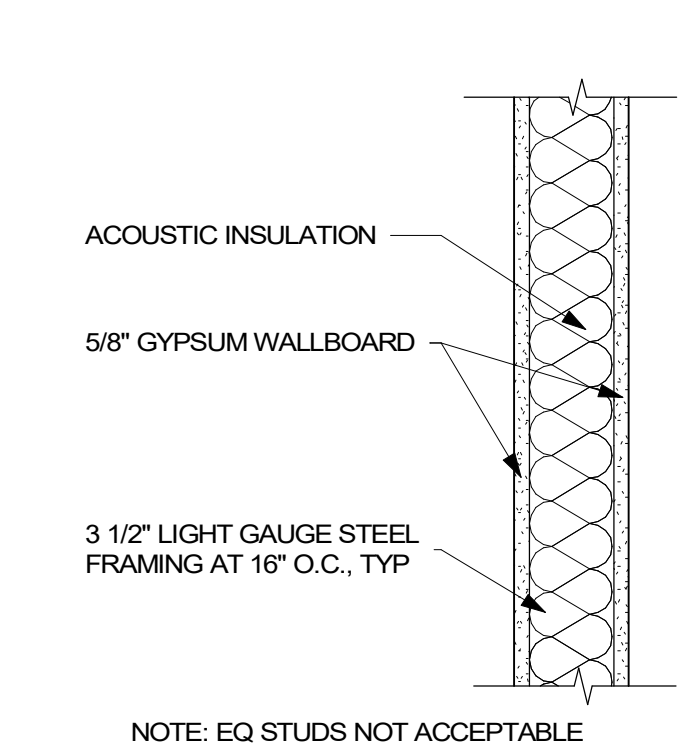
EXIT DOOR TO EXIT DISCHARGE



1 FLOOR PLAN



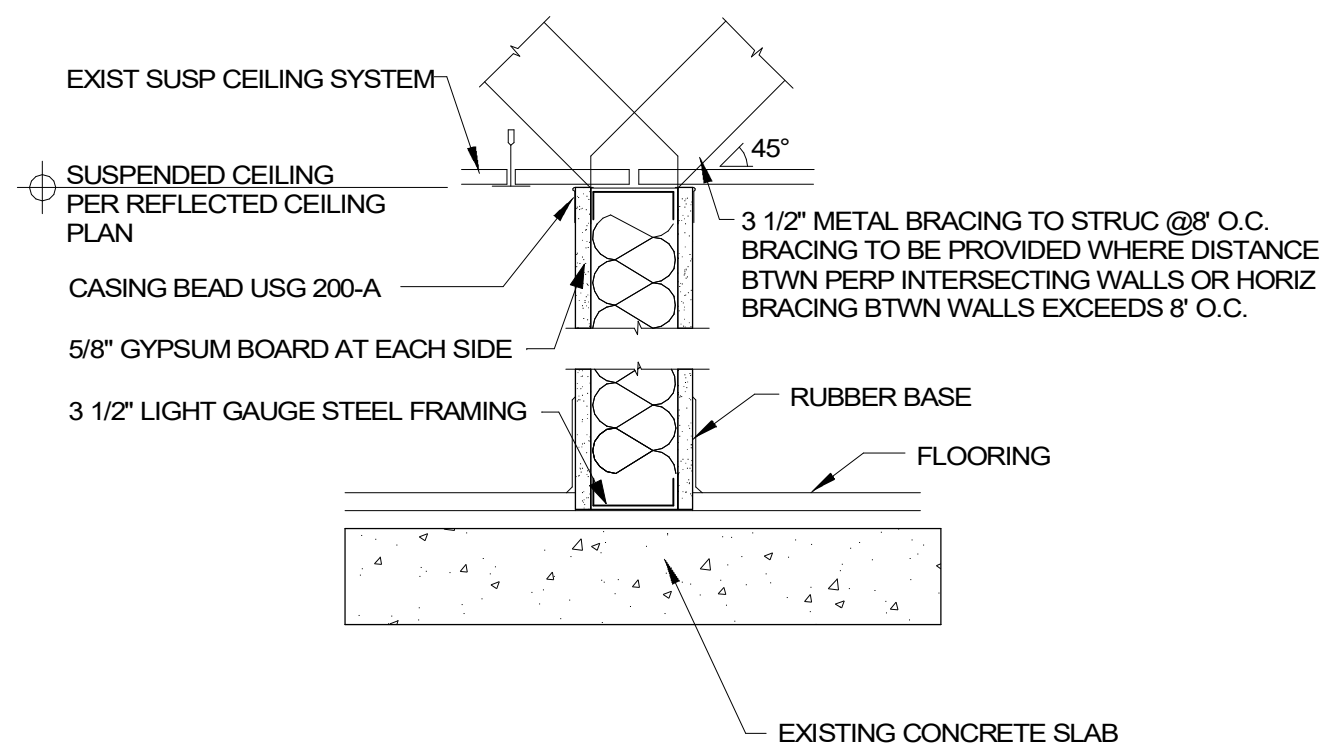
2 REFLECTED CEILING PLAN



NOTE: EQ STUDS NOT ACCEPTABLE

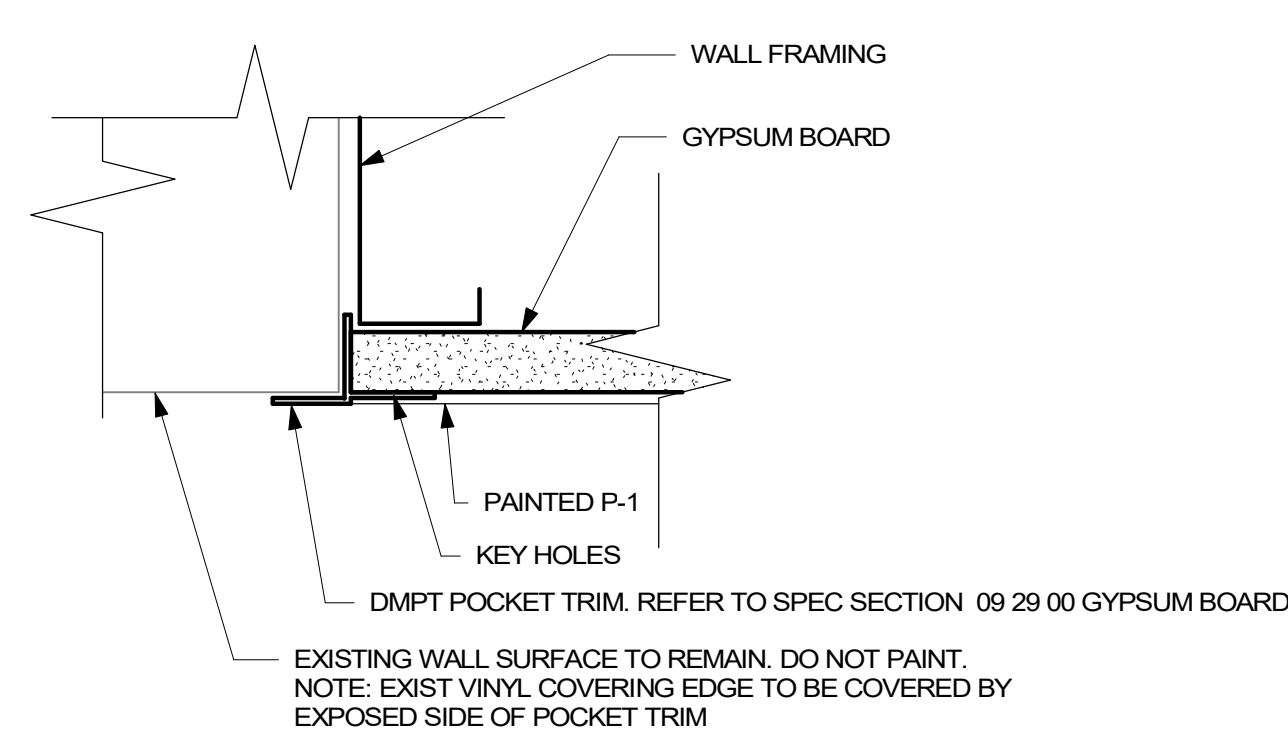
1 TYPICAL WALL ASSEMBLY

1 1/2" = 1'-0"



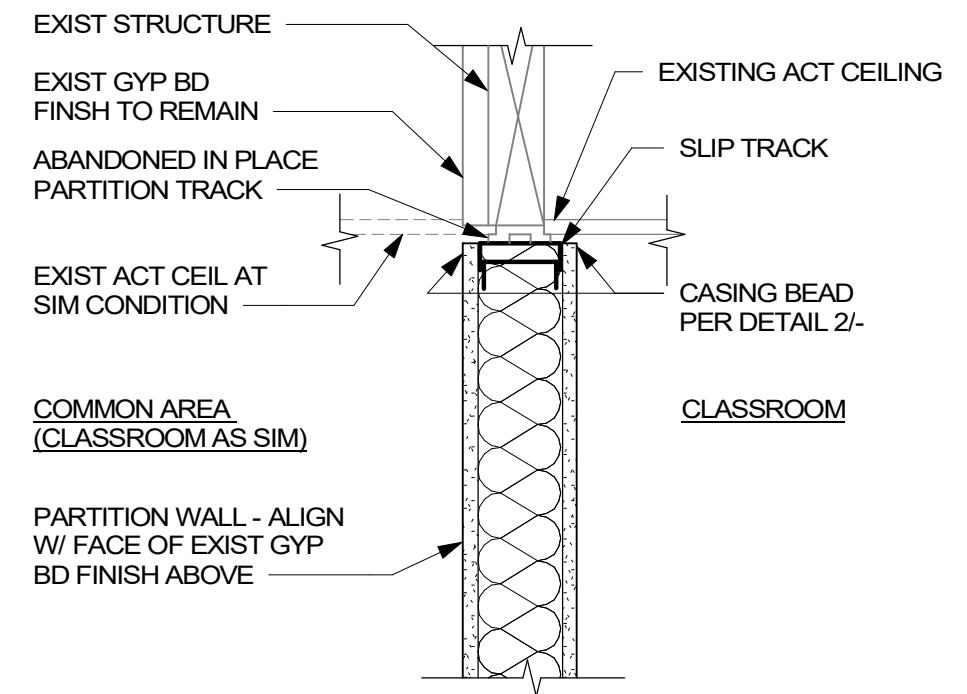
2 WALL - BASE TO UNDERSIDE OF ACT CEILING

1 1/2" = 1'-0"



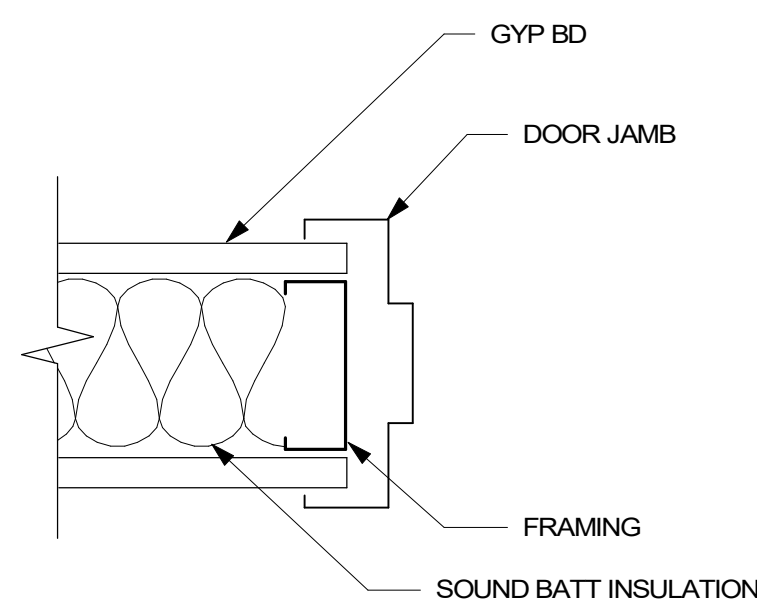
3 POCKET TRIM DETAIL

6" = 1'-0"



4 NEW WALL TO EXISTING PARTITION TRACK

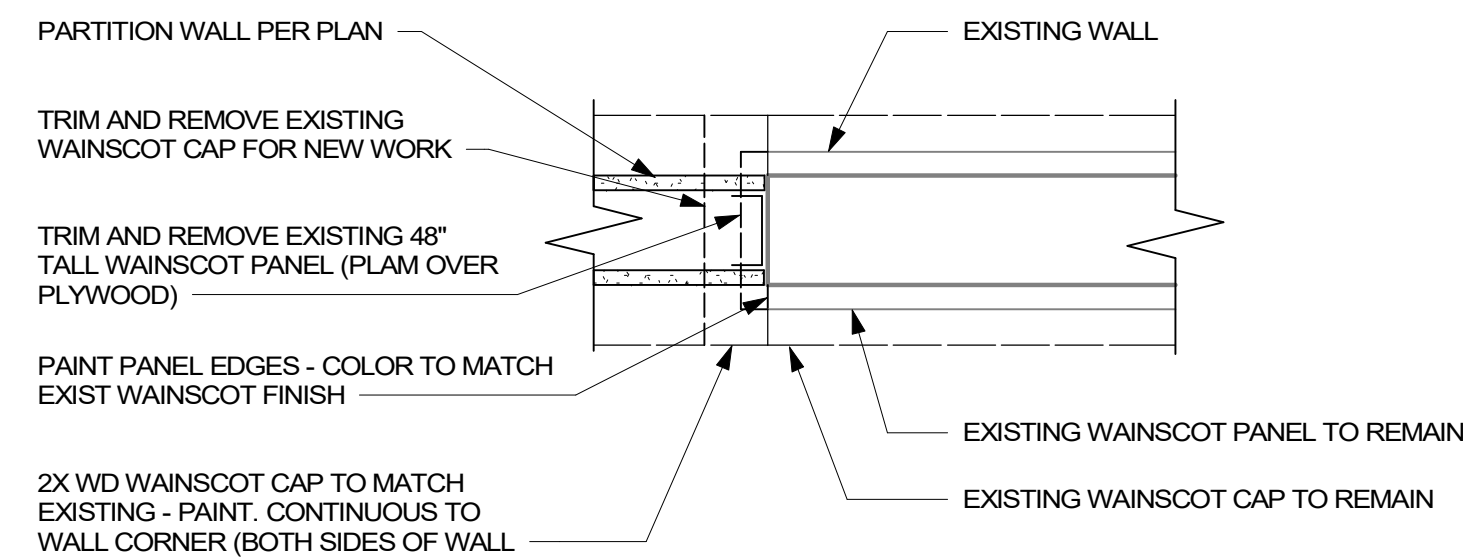
1 1/2" = 1'-0"



SIM AT DOOR HEAD, TYP

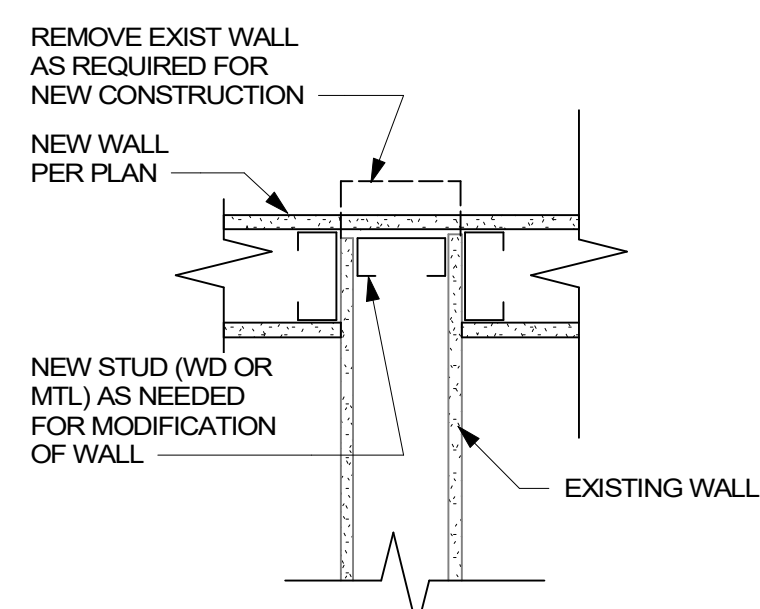
5 DOOR JAMB, TYP

3" = 1'-0"



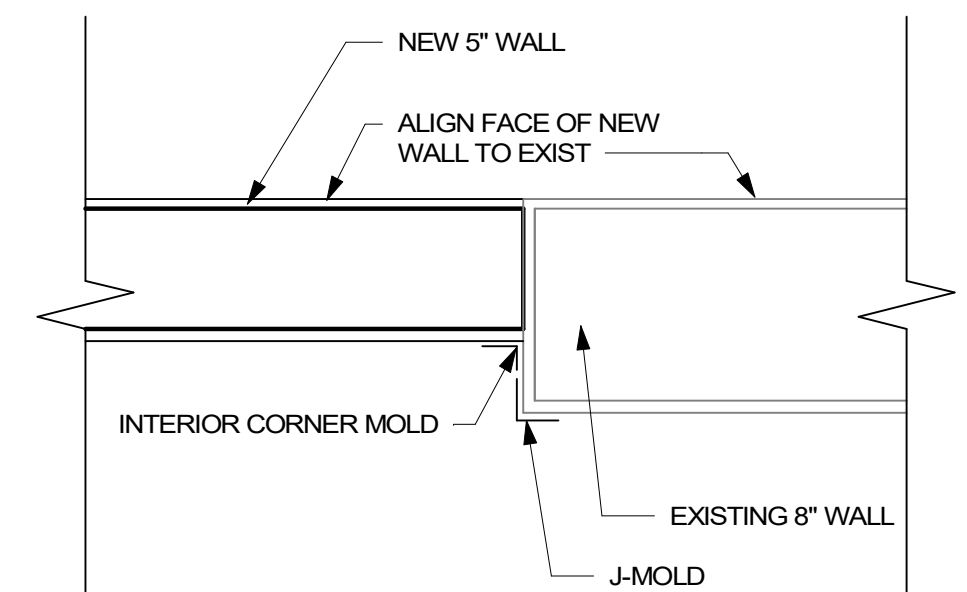
6A WAINSCOT MODIFICATION DETAIL @ END WALL

1 1/2" = 1'-0"



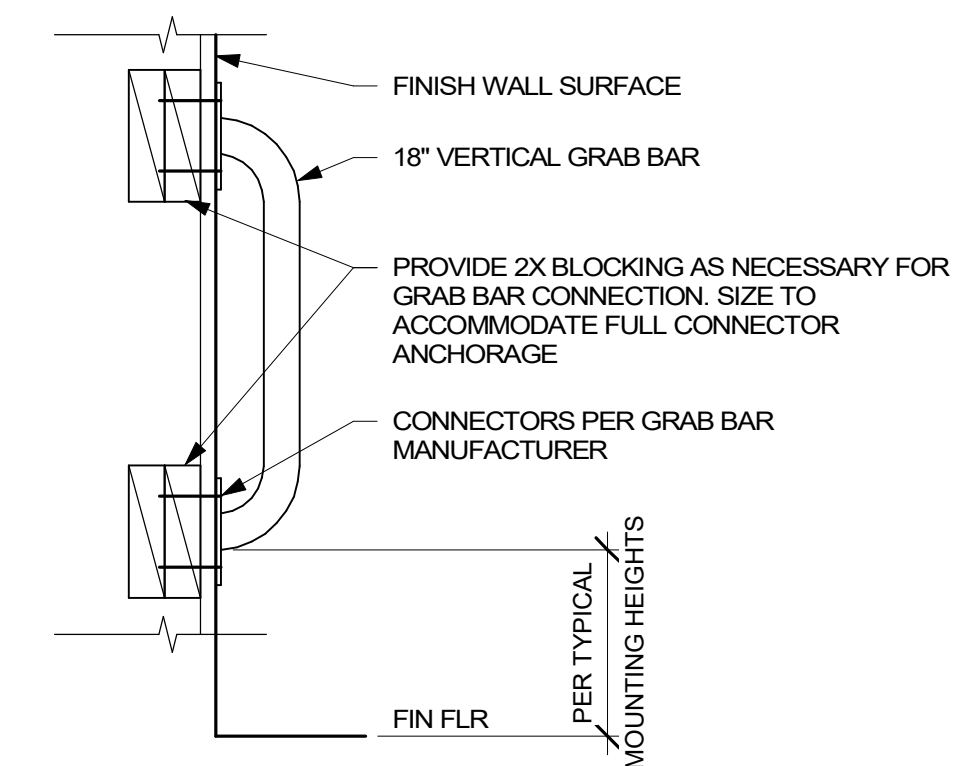
7 GYP COVERING WALL STUB

1 1/2" = 1'-0"



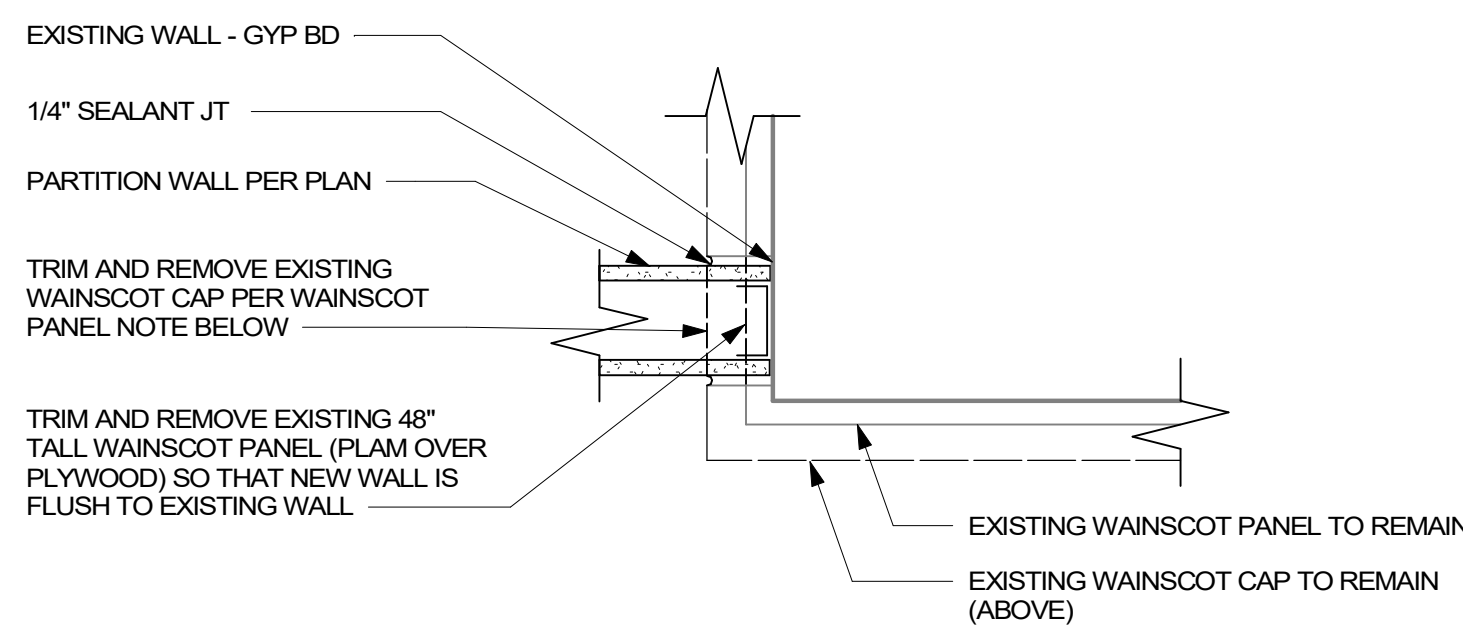
8 8" WALL TO 5" WALL TRIM TRANSITION

1 1/2" = 1'-0"



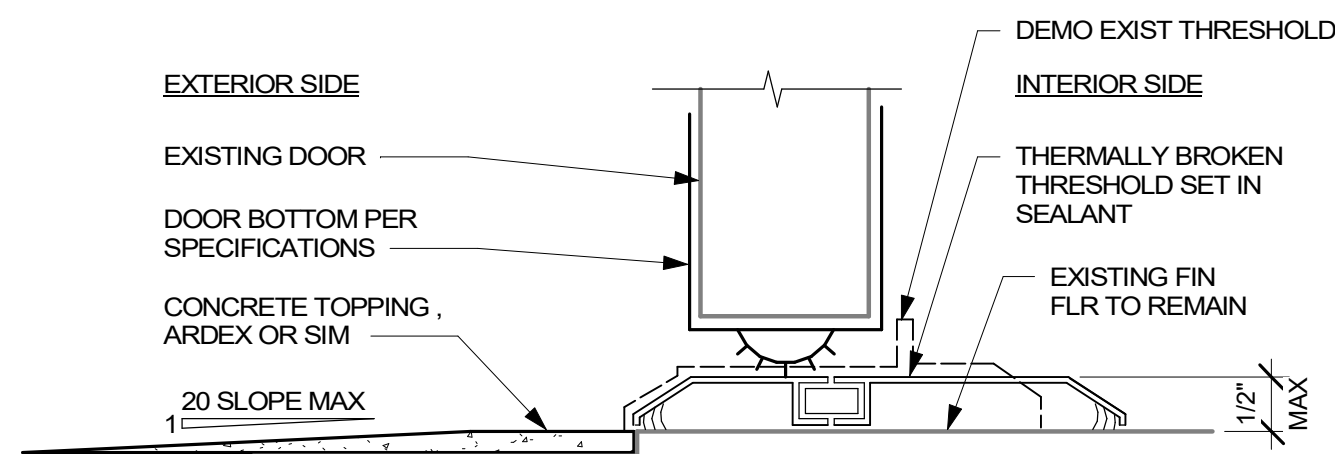
9 VERTICAL GRAB BAR DETAIL

1 1/2" = 1'-0"



6B WAINSCOT MODIFICATION DETAIL @ CORNER

1 1/2" = 1'-0"



10 DOOR BOTTOM AND THRESHOLD

6" = 1'-0"

DETAILS PER SCHOOL

SOME DETAILS APPLY TO SPECIFIC SCHOOLS. SEE LIST BELOW

BETHANY
1/A.8
2/A.8
3/A.8
5/A.8
7/A.8
9/A.8

MONTCLAIR
1/A.8
2/A.8
3/A.8
5/A.8
7/A.8

OAK HILLS
1/A.8
2/A.8
3/A.8
5/A.8
6A/A.8
8/A.8

WEST TUALATIN VIEW
1/A.8
2/A.8
3/A.8
4/A.8
5/A.8
6B/A.8

10/A.8 - SEE DOOR SCHEDULES

Symbol Legend

Annotation

(N)	INDICATES NEW EQUIPMENT.
(E)	INDICATES EXISTING EQUIPMENT TO REMAIN.
(D)	INDICATES EXISTING EQUIPMENT TO BE DEMOLISHED.
(RR)/(RD)	INDICATES EXISTING EQUIPMENT OR DEVICE TO BE REMOVED AND REINSTALLED.
	CONDUIT & CONDUCTOR CALLOUT. REFER TO CONDUIT & CONDUCTOR SCHEDULE.
	KEYED NOTE CALLOUT. REFER TO CORRESPONDING SHEET KEYNOTES.
	KEYED NOTE CALLOUT. REFER TO CORRESPONDING SHEET KEYNOTES.
	KEYED NOTE CALLOUT. REFER TO CORRESPONDING SHEET KEYNOTES.
	MECHANICAL EQUIPMENT CALLOUT. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE.
	DETAIL CALLOUT. REFER TO DETAIL AND SHEET AS INDICATED ON CALLOUT.
	FIXTURE MOUNTING CALLOUT. HEIGHT ABOVE FINISHED FLOOR (A.F.F.)
	EQUIPMENT CALLOUT. REFER TO NEMA CONNECTION SCHEDULE.
	SECTION CALLOUT. REFER TO DETAIL AND SHEET AS INDICATED ON CALLOUT.
	ELEVATION CALLOUT. REFER TO DETAIL AND SHEET AS INDICATED ON CALLOUT.

Raceways

	CONDUIT AND/OR CONDUCTORS INSTALLED ABOVE GRADE, CONCEALED IN WALL OR CEILING SPACE.
	CONDUIT AND/OR CONDUCTORS INSTALLED BELOW GRADE, BELOW SLAB.
	CONDUIT TURNED DOWN.
	CONDUIT TURNED UP.
	CONDUIT STUBBED AND CAPPED.
	CONDUIT DIRECT CONNECTION TO EQUIPMENT.
	FLEXIBLE CONNECTION TO EQUIPMENT.
	CONDUIT / WIRING CONTINUATION.
	HOMERUN TO PANELBOARD.
	CABLE TRAY. SIZE AND TYPE AS INDICATED ON DRAWINGS.

Switches

	SINGLE POLE SWITCH - MOUNTED AT 42" AFF, UON.
	LOW VOLTAGE 0-10 VOLT DIMMING SWITCH - MOUNTED AT 42" AFF, UON.
	OCCUPANCY SENSOR - CEILING OR WALL MOUNTED.
	OCCUPANCY SENSOR POWER PACK.
	PHOTOCELL - CEILING OR WALL MOUNTED.
	ADA DOOR PUSHPLATE.
	EMERGENCY STOP SWITCH, MUSHROOM HEAD.
	PUSHBUTTON, SINGLE OR DOUBLE.

Power Distribution

	DUPLEX RECEPTACLE, MOUNTED AT 18" AFF, UON.
	SIMPLEX RECEPTACLE, MOUNTED AT 18" AFF, UON.
	QUADPLEX RECEPTACLE, MOUNTED AT 18" AFF, UON.
	GFCI DUPLEX RECEPTACLE, MOUNTED AT 18" AFF, UON.
	GFCI QUADPLEX RECEPTACLE, MOUNTED AT 18" AFF, UON.
	TAMPERPROOF DUPLEX RECEPTACLE, MOUNTED AT 18" AFF, UON.
	TAMPERPROOF QUADPLEX RECEPTACLE, MOUNTED AT 18" AFF, UON.
	NEMA SPECIAL RECEPTACLE, MOUNTED AT 18" AFF, UON. NEMA CONFIGURATION AS INDICATED.
	SIDE HATCHED RECEPTACLE, TO BE WIRED TO SWITCHED CIRCUIT.
	CENTER HATCHED RECEPTACLE TO BE WIRED TO EMERGENCY CIRCUIT.
	RECEPTACLE MOUNTED ON CEILING.
	RECEPTACLE MOUNTED IN-COUNTER.
	DISCONNECT SWITCH.
	FUSED DISCONNECT SWITCH.
	ENCLOSED CIRCUIT BREAKER.
	COMBINATION STARTER.
	FLOORBOX COMBINATION POWER & DATA.
	FLOORBOX POWER.
	POKETHRU COMBINATION POWER & DATA.
	POKETHRU POWER.
	POWER POLE.
	PANELBOARD SURFACE MOUNT.
	PANELBOARD FLUSH MOUNT.
	MAIN DISTRIBUTION PANEL.
	UTILITY CT METER.
	UTILITY TRANSFORMER.

Low Voltage

	ETHERNET OUTLET MOUNTED AT 18" AFF, UON.
	COAXIAL OUTLET MOUNTED AT 18" AFF, UON.
	PHONE OUTLET MOUNTED AT 18" AFF, UON.
	LOW VOLTAGE OUTLET CEILING MOUNTED.
	WIRELESS ACCESS POINT CEILING MOUNTED.
	WIRELESS ACCESS POINT WALL MOUNTED.
	DIGITAL CLOCK.
	FLOORBOX DATA.
	POKETHRU DATA.
	IT RACK.
	VERTICAL WIRE MANAGEMENT.

Lighting

	TROFFER LUMINAIRE, SURFACE, RECESS, OR PENDANT MOUNTED AS INDICATED ON THE DRAWINGS.
	DOWNLIGHT LUMINAIRE, SURFACE, RECESS, OR PENDANT MOUNTED AS INDICATED ON THE DRAWINGS.
	UNDERCABINET LUMINAIRE.
	EMERGENCY BATTERY PACK LUMINAIRE, WALL OR CEILING MOUNTED.
	LINEAR PENDANT MOUNTED LUMINAIRE.
	LINEAR WALL MOUNTED LUMINAIRE.
	BOLLARD LUMINAIRE.
	SITE LUMINAIRE POLE MOUNTED. NUMBER OF HEADS AS SHOWN.
	TRACK LUMINAIRE.
	SPOT LUMINAIRE.
	WALL MOUNTED LUMINAIRE.
	RING PENDANT LUMINAIRE.
	WALL WASH LUMINAIRE POINTED IN DIRECTION AS SHOWN.
	EXIT SIGN, WALL OR CEILING MOUNTED, SINGLE FACE WITH DIRECTIONAL CHEVRONS AS INDICATED ON DRAWINGS.
	EXIT SIGN, WALL OR CEILING MOUNTED, DOUBLE FACE WITH DIRECTIONAL CHEVRONS AS INDICATED ON DRAWINGS.
	HALF HATCHED LUMINAIRE TO BE WIRED TO EMERGENCY CIRCUIT
	FULL HATCHED LUMINAIRE TO BE WIRED TO NIGHTLIGHT CIRCUIT.

Audio/Visual

	AV OUTLET - WALL MOUNTED AT 18" AFF, UON. SEE AUDIO VISUAL DETAILS FOR CONFIGURATIONS.
	AUDIO VIDEO OUTLET - CEILING MOUNTED.
	AUDIO SPEAKER - WALL MOUNTED AT 96" AFF, UON.
	AUDIO SPEAKER - CEILING MOUNTED.
	PAGING SPEAKER - WALL MOUNTED AT 96" AFF, UON.
	PAGING SPEAKER - CEILING MOUNTED.
	PAGING HORN - WALL MOUNTED AT 96" AFF, UON.
	INTERCOM SPEAKER - WALL MOUNTED AT 96" AFF, UON.
	INTERCOM SPEAKER - CEILING MOUNTED.
	INTERCOM CALL BUTTON - MOUNTED AT 42", UON.
	ADMINISTRATION CONSOLE. PROVIDE ONE (1) CAT6 CABLE.
	AV PROJECTOR - CEILING MOUNTED.
	AUDIO ENHANCEMENT DEVICE.

Miscellaneous

	JUNCTION BOX (ROUND, SQUARE).
	THERMOSTAT.
	RELAY.
	CORD REEL.
	MOTOR / EXHAUST FAN.
	CEILING FAN.
	UTILITY POLE.
	WEATHERHEAD.
	GROUND ROD.
	GROUND ROD WITH TEST WELL.
	SURFACE RACEWAY / WIREMOLD.
	FIRE RATED BACKBOARD.
	GROUND BUS BAR.

Fire Alarm

	FIRE ALARM AUDIO/VISUAL - WALL MOUNTED. CANDELA RATING AS SHOWN ON DRAWING.
	FIRE ALARM VISUAL - WALL MOUNTED. CANDELA RATING AS SHOWN ON DRAWING.
	FIRE ALARM AUDIO/VISUAL - CEILING MOUNTED. CANDELA RATING AS SHOWN ON DRAWING.
	FIRE ALARM VISUAL - CEILING MOUNTED. CANDELA RATING AS SHOWN ON DRAWING.
	FIRE ALARM BELL.
	FIRE ALARM SMOKE DETECTOR - CEILING MOUNTED.
	FIRE ALARM SMOKE DETECTOR - WALL MOUNTED.
	FIRE ALARM HEAT DETECTOR - CEILING MOUNTED.
	FIRE ALARM HEAT DETECTOR - WALL MOUNTED.
	FIRE ALARM DUCT SMOKE DETECTOR.
	FIRE ALARM DUCT SMOKE DETECTOR WITH REMOTE TEST STATION.
	FIRE ALARM MANUAL PULL STATION - WALL MOUNTED.
	FIRE ALARM MANUAL TAMPER SWITCH.
	FIRE ALARM MANUAL FLOW SWITCH.
	FIRE ALARM MANUAL PRESSURE SWITCH.
	FIRE ALARM MONITOR MODULE.
	FIRE ALARM RELAY INPUT.
	FIRE ALARM RELAY OUTPUT.
	FIRE ALARM POST INDICATOR VALVE.
	FIRE ALARM SURGE ARRESTOR.
	FIRE ALARM ISOLATION MODULE.
	FIRE ALARM ANNUNCIATOR.
	FIRE ALARM MAGNETIC DOOR HOLD.

Access Control & Security

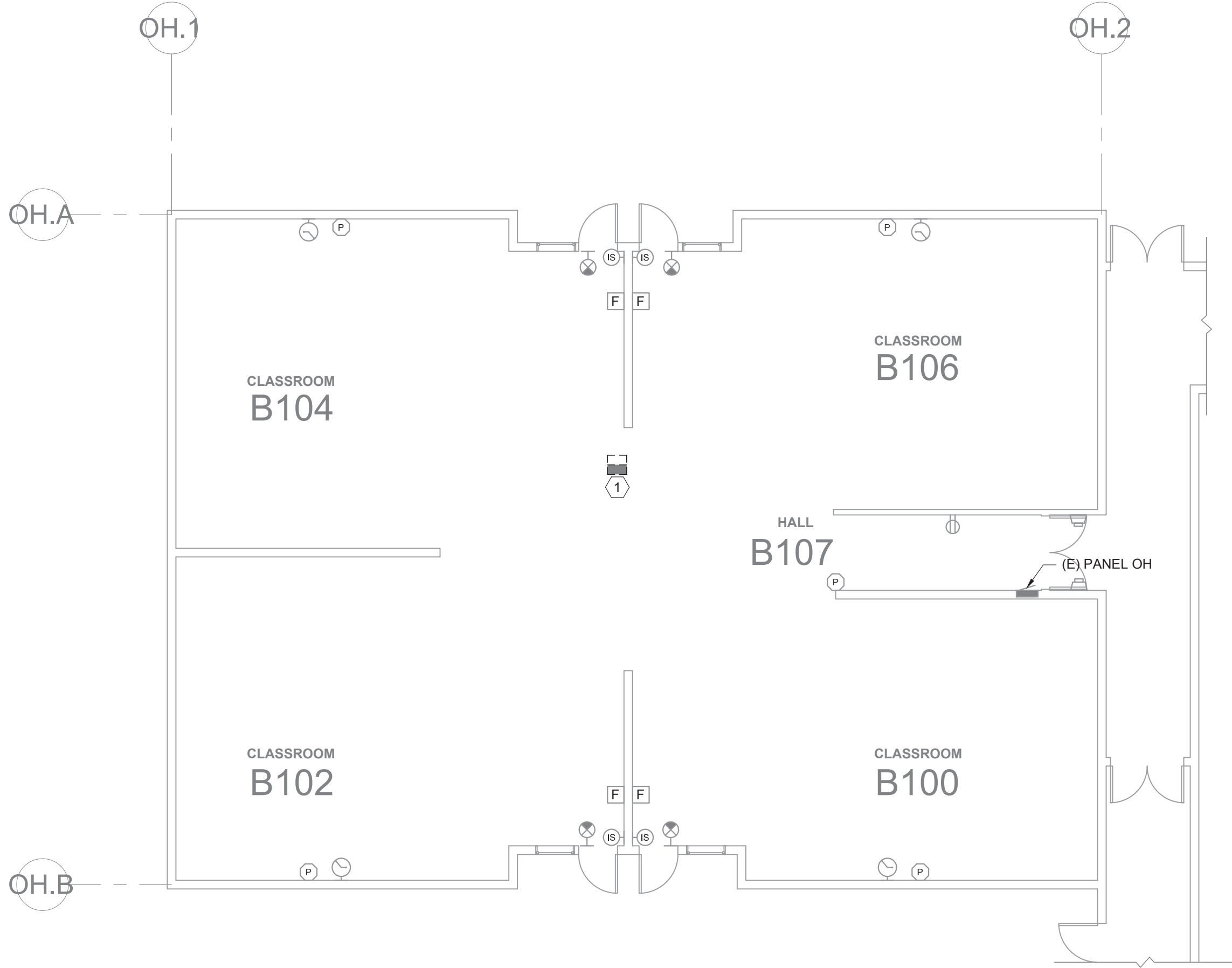
	ACCESS CONTROL - DOOR CONTACT. PROVIDE 3/4" CONDUIT FROM DOOR FRAME TO ACCESSIBLE CEILING OR SECURITY JUNCTION BOX AS SHOWN ON THE DRAWINGS.
	ACCESS CONTROL - CARD READER. PROVIDE 3/4" CONDUIT FROM DOOR FRAME TO ACCESSIBLE CEILING OR SECURITY JUNCTION BOX AS SHOWN ON THE DRAWINGS.
	ACCESS CONTROL - ELECTRIC STRIKE. PROVIDE 3/4" CONDUIT FROM DOOR FRAME TO ACCESSIBLE CEILING OR SECURITY JUNCTION BOX AS SHOWN ON THE DRAWINGS.
	ACCESS CONTROL - KEY PAD. PROVIDE 3/4" CONDUIT FROM DOOR FRAME TO ACCESSIBLE CEILING OR SECURITY JUNCTION BOX AS SHOWN ON THE DRAWINGS.
	ACCESS CONTROL - MAGNETIC LOCK. PROVIDE 3/4" CONDUIT FROM DOOR FRAME TO ACCESSIBLE CEILING OR SECURITY JUNCTION BOX AS SHOWN ON THE DRAWINGS.
	ACCESS CONTROL - REQUEST TO EXIT. PROVIDE 3/4" CONDUIT FROM DOOR FRAME TO ACCESSIBLE CEILING OR SECURITY JUNCTION BOX AS SHOWN ON THE DRAWINGS.
	ACCESS CONTROL - ELECTRIFIED PANIC BAR. PROVIDE 3/4" CONDUIT FROM DOOR FRAME TO ACCESSIBLE CEILING OR SECURITY JUNCTION BOX AS SHOWN ON THE DRAWINGS.
	ACCESS CONTROL - SECURITY JUNCTION BOX. SIZED AS RECOMMENDED BY SECURITY SYSTEM MANUFACTURER.
	ACCESS CONTROL - CAMERA / INTERCOM.
	ACCESS CONTROL - PANIC BUTTON.
	SECURITY CAMERA - CEILING MOUNTED. PROVIDE ONE (1) CAT6.
	SECURITY CAMERA - WALL MOUNTED. PROVIDE ONE (1) CAT6.
	INTRUSION SENSOR - CEILING MOUNTED.
	INTRUSION SENSOR - WALL MOUNTED.
	INTRUSION KEYPAD.

GENERAL SHEET NOTES

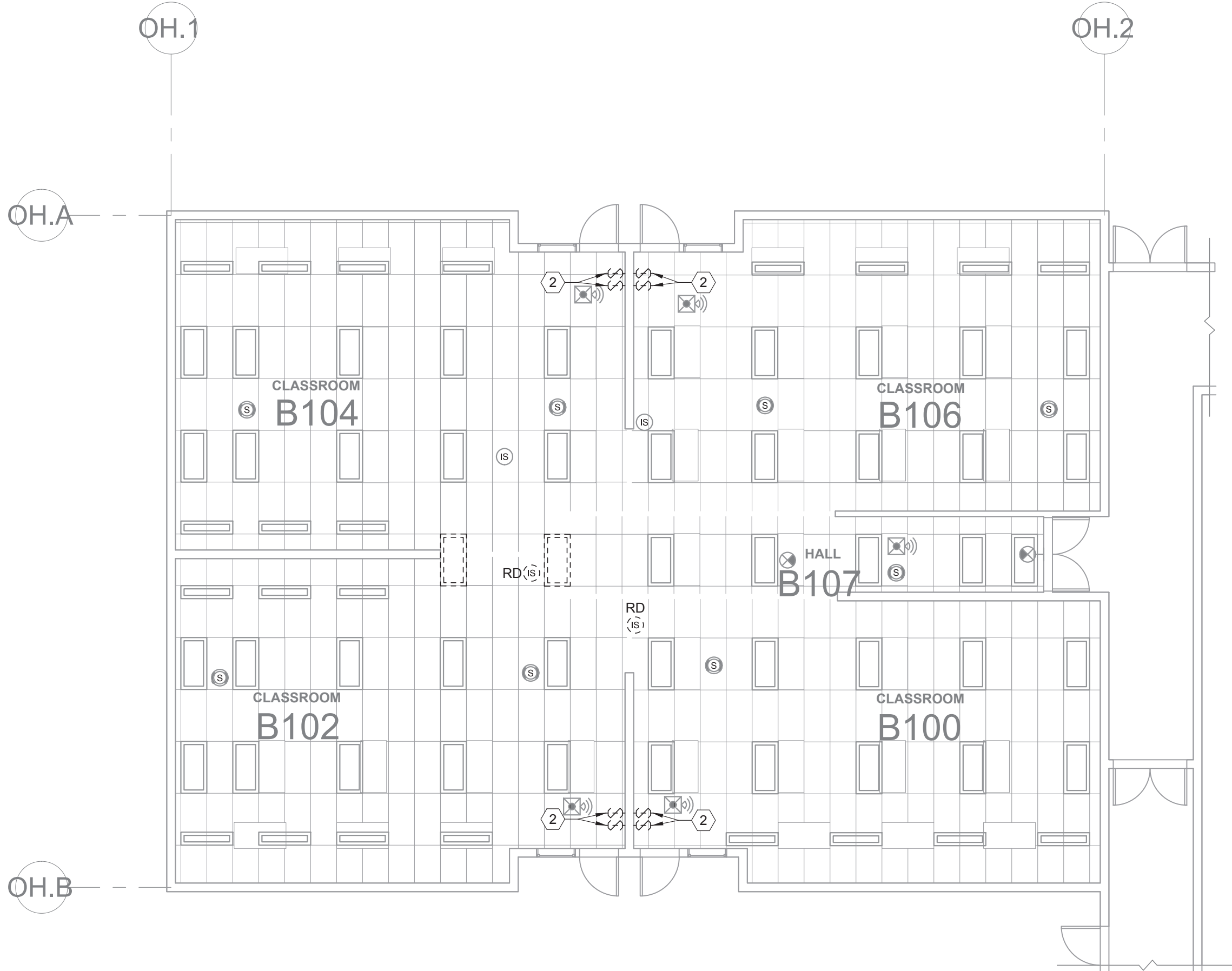
1. SEE DRAWING E.1 FOR ABBREVIATIONS AND SYMBOL LEGEND.

SHEET KEY NOTES

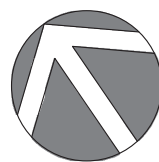
1. CONTRACTOR SHALL DEMOLISH EXISTING POWER/DATA POLE. EXISTING HORIZONTAL CABLES FOR POWER AND DATA SHALL BE REUSED IN NEW WALL. SEE OH.E2.
2. REMOVE EXISTING CORRIDOR LIGHT SWITCH. SEE OH.E2 FOR NEW LIGHT SWITCH LOCATION.



1 OAK HILL ELECTRICAL DEMOLITION PLANS
SCALE: 1/8" = 1'-0"



2 OAK HILL ELECTRICAL DEMOLITION CEILING PLAN
SCALE: 1/8" = 1'-0"

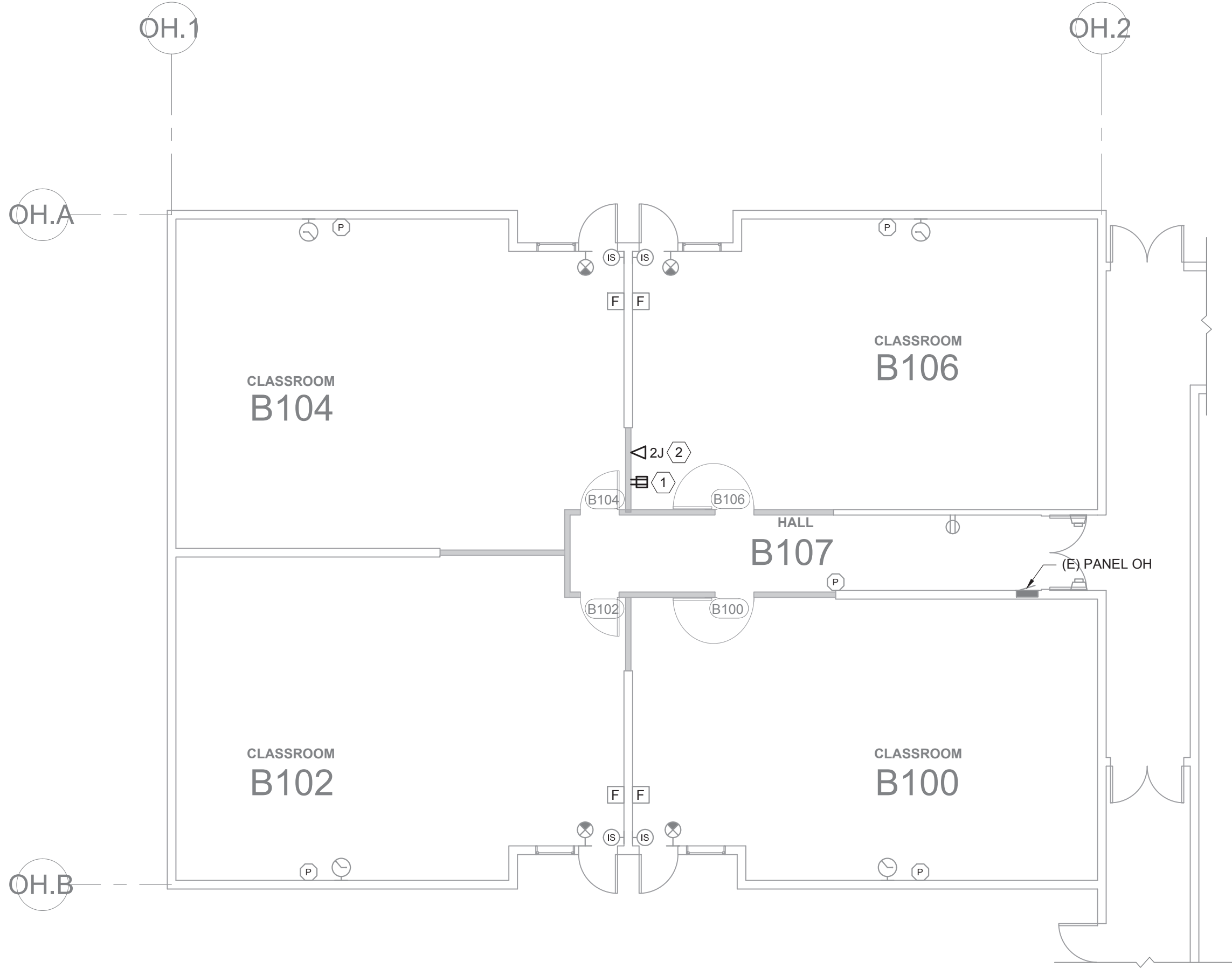


GENERAL SHEET NOTES

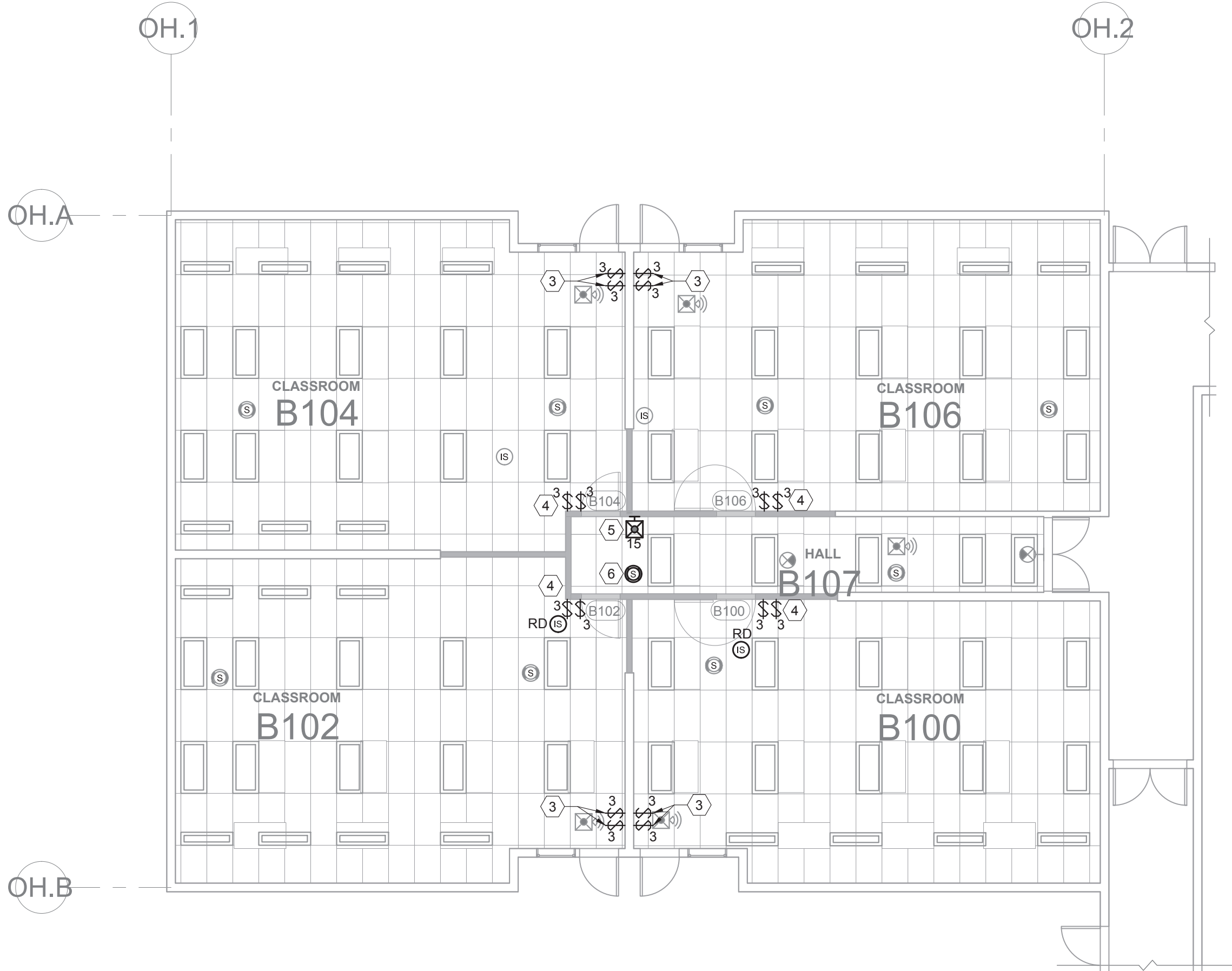
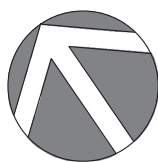
1. SEE DRAWING E.1 FOR ABBREVIATIONS AND SYMBOL LEGEND.

SHEET KEY NOTES

1. CONTRACTOR SHALL UTILIZE AND EXTEND WIRE, LEFT FROM DEMOLISHED POWER POLE TO NEW RECEPTACLE.
2. CONTRACTOR SHALL UTILIZE AND EXTEND HORIZONTAL CABLES, LEFT FROM DEMOLISHED POWER POLE TO NEW DATA RECEPTACLE.
3. PROVIDE NEW 3-WAY SWITCHES AND INSTALL IN EXISTING WALL BOX. RE-WIRE EXISTING LIGHTING FIXTURES IN ROOM FOR 3-WAY SWITCHING FUNCTION. MAINTAIN EXISTING SWITCHING SCHEME.
4. INSTALL NEW 3-WAY SWITCHES.
5. INSTALL NEW FIRE ALARM STROBE IN NEW WALL. COORDINATE EXACT CONNECTION REQUIREMENTS WITH SIMPLEX.
6. INSTALL NEW FIRE ALARM SMOKE DETECTOR IN EXISTING CEILING. COORDINATE EXACT CONNECTION REQUIREMENTS WITH SIMPLEX.



1 OAK HILL ELECTRICAL PLANS
SCALE: 1/8" = 1'-0"



2 OAK HILL ELECTRICAL CEILING PLAN
SCALE: 1/8" = 1'-0"

