

# SECURITY UPGRADES CLASSROOM WALLS

## BID PACKAGE

ELMONICA ELEMENTARY SCHOOL  
ERROL HASSELL ELEMENTARY SCHOOL  
GREENWAY ELEMENTARY SCHOOL

DECEMBER 10, 2021



SECURITY UPGRADES  
ELMONICA ELEMENTARY SCHOOL

16950 SW LISA CT, BEAVERTON, OR 97006

CONTACT INFORMATION

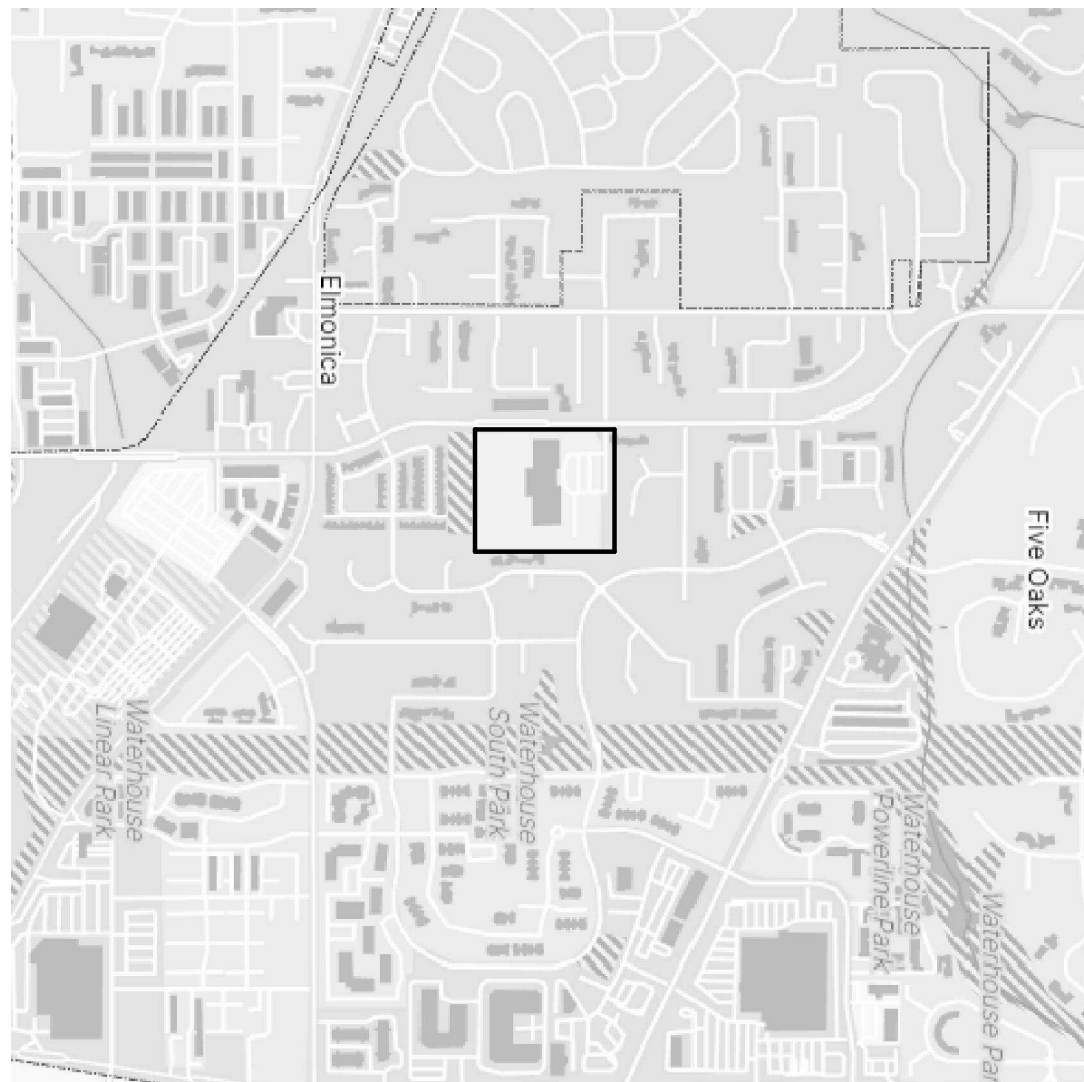
OWNER:	BEAVERTON SCHOOL DISTRICT 16550 SW MERLO RD BEAVERTON, OR 97003
CLIENT CONTACT:	MEGAN FINCH, PROJECT MANAGER 16550 SW MERLO RD BEAVERTON, OR 97003 503-356-4318 MEGAN_FINCH@BEAVERTON.K12.OR.US
ARCHITECT:	CONVERGENCE ARCHITECTURE BARB ANDERSON 503-208-1028 X-104 BANDERSON@CONVERGENCEARCH.COM
ELECTRICAL :	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.

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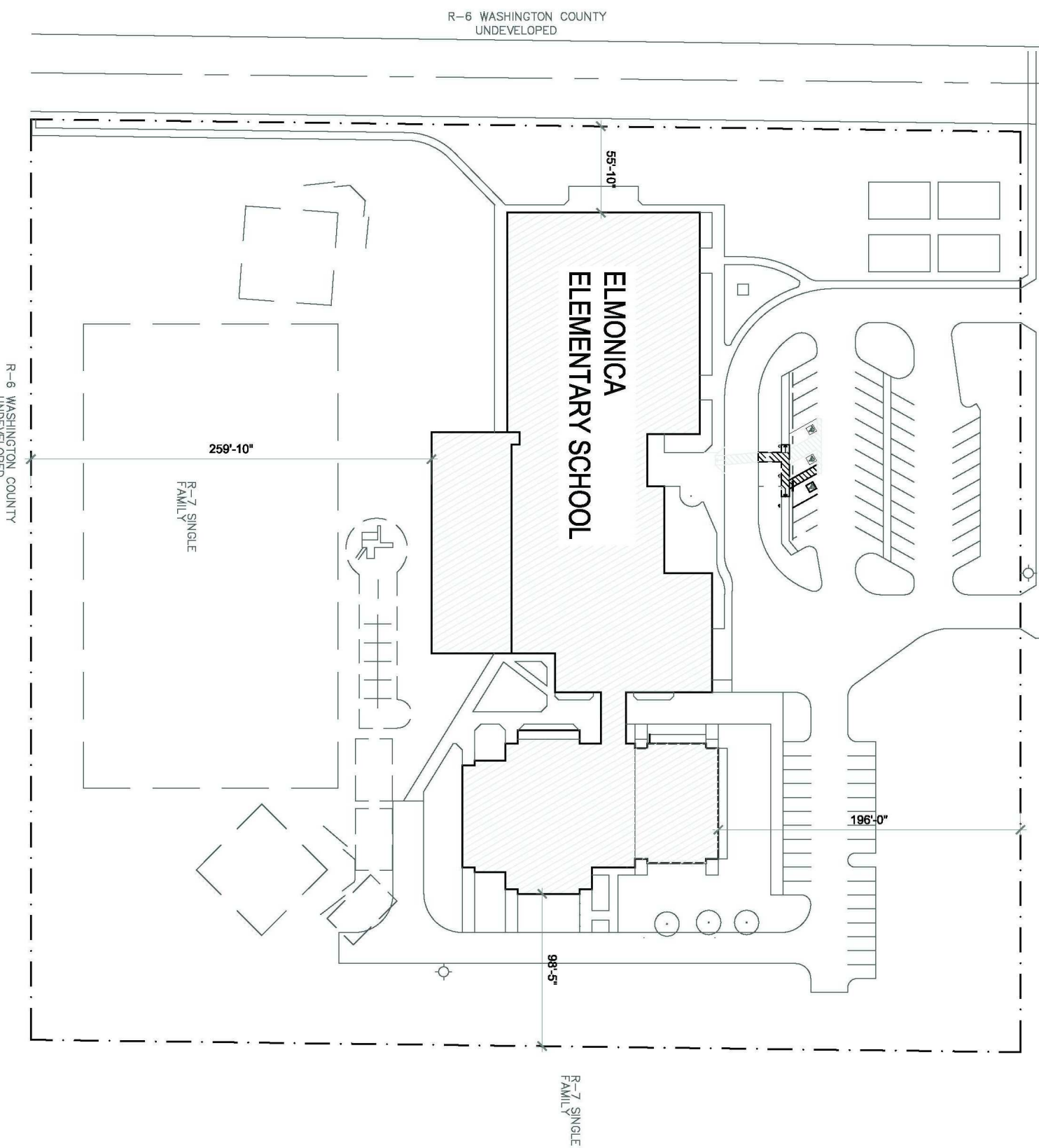


1 VICINITY PLAN  
NTS - FOR REFERENCE ONLY

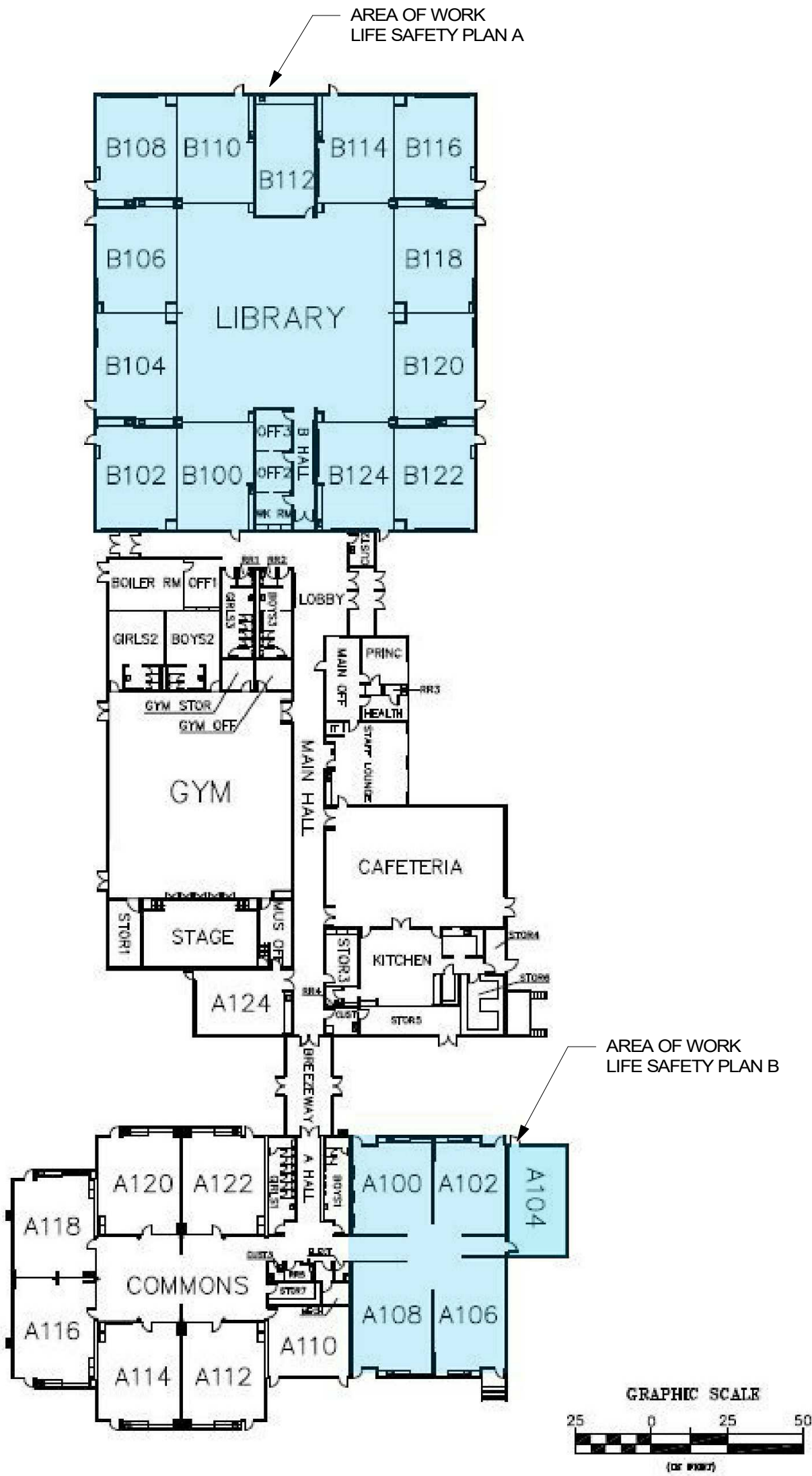


GENERAL NOTES

1. 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.
2. 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 RELATED WORK IN QUESTION.
3. CONTRACTOR SHALL KEEP THE SITE FREE OF GARBAGE AND DEBRIS.
4. 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.
5. MECHANICAL AND PLUMBING MODIFICATIONS FOR WORK SHOWN TO BE DESIGN/BUILD.
6. ELECTRICAL SHEETS FOR REFERENCE ONLY, AN ELECTRICAL PERMIT TO BE APPLIED FOR BY THE TRADE.



2 SITE PLAN  
NTS - FOR REFERENCE ONLY



















3 OVERALL FLOOR PLAN  
NTS - FOR REFERENCE ONLY



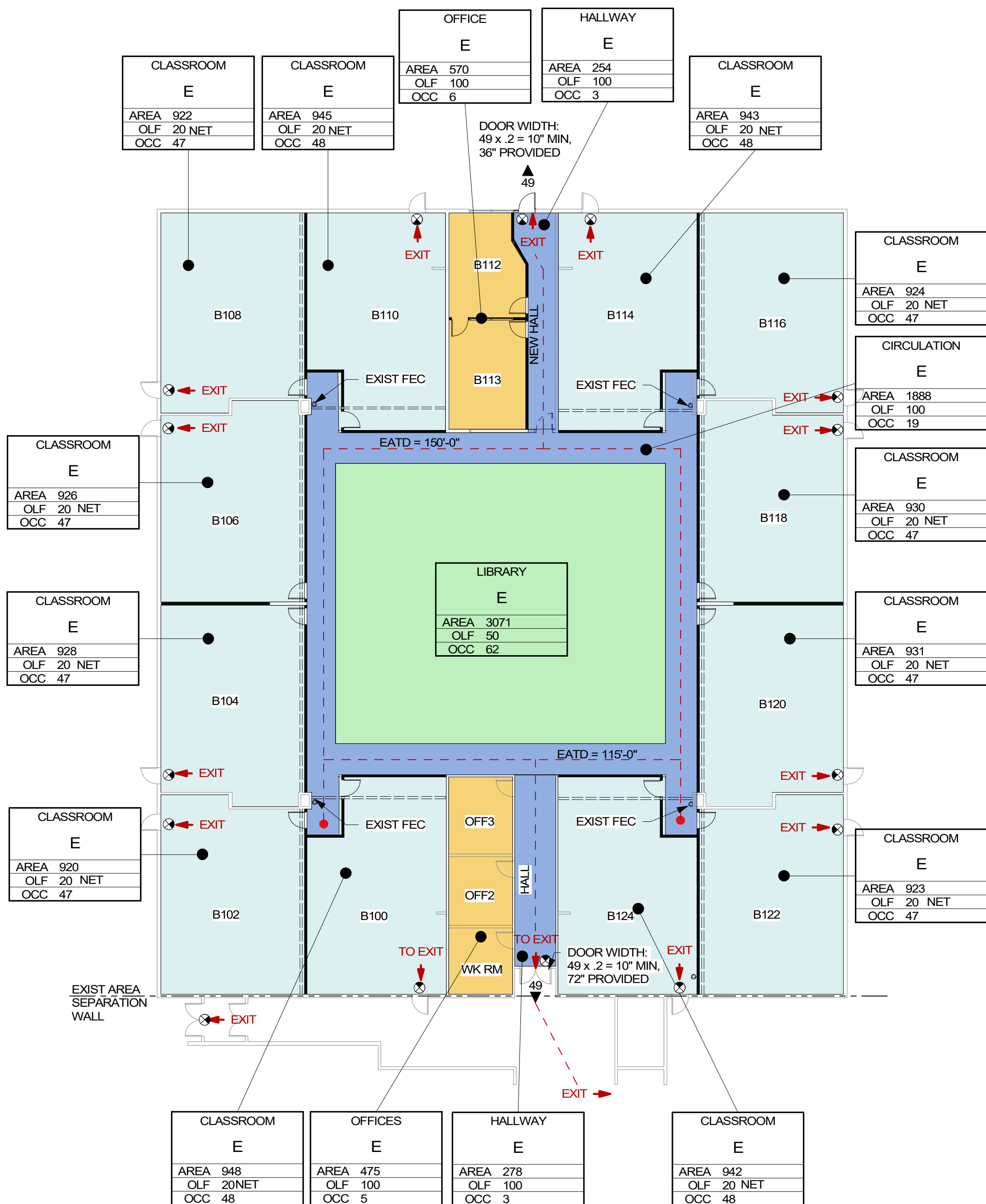
ABBREVIATIONS

ABV	ABOVE	J-BOX	JUNCTION BOX
ACT	ACOUSTIC CEILING TILE	MAG	MAGNETIC
AFF	ABOVE FINISHED FLOOR	MAX	MAXIMUM
AG	ABOVE GRADE	MH	MANHOLE
AHU	AUTHORITY HAVING JURISDICTION	MIN	MINIMUM
ALT	ALTERNATE	MTD	MOUNTED
AV	AUDIOVISUAL	MTL	METAL
DF	DRINKING FOUNTAIN		
		NIC	NOT IN CONTRACT
CB	CIRCUIT BREAKER	OPER	OPERATOR/OPERABLE
CKT	CIRCUIT	OFCI	OWNER FURNISHED CONTRACTOR
CLG	CEILING		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
G, GND	GROUND	UF	UNDER FLOOR
GA	GAUGE	UG	UNDER GROUND
GALV	GALVANIZED	UON	UNLESS OTHERWISE NOTED
GB	GRAB BAR	V	VOLT OR VOICE
GFI, GFCI	GROUND FAULT CIRCUIT	VIF	VERIFY IN FIELD
	INTERRUPTER		
GYP BD	GYPSUM BOARD	WAP	WIRELESS ACCESS POINT
		WD	WOOD
		WP	WEATHERPROOF
		XFMR	TRANSFORMER

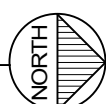


CODE LEGEND									
 FIRE EXTINGUISHER AS NOTED	 1 HOUR FIRE BARRIER								
 FIRE EXTINGUISHER CABINET AS NOTED	 2 HOUR FIRE BARRIER								
 74 OCCUPANT EGRESS LOAD AT DOOR	 3 HOUR FIRE BARRIER								
 EXIT SIGN	 4 HOUR FIRE BARRIER								
 OCCUPANCY CLASSIFICATION	 BUILDING/AREA DIAGONAL								
<table border="1" data-bbox="279 352 391 411"><tr><td>ASSEMBLY</td><td>A-3</td></tr><tr><td>AREA</td><td>528</td></tr><tr><td>OLF</td><td>15</td></tr><tr><td>OCC</td><td>36</td></tr></table>	ASSEMBLY	A-3	AREA	528	OLF	15	OCC	36	 EXIT SEPARATION DISTANCE (1/3rd BLDG/AREA DIAGONAL MAX)
ASSEMBLY	A-3								
AREA	528								
OLF	15								
OCC	36								
 AREA - SQUARE FEET	 EATD EXIT ACCESS TRAVEL DISTANCE (E = 200' MAX)								
 OCCUPANCY LOAD FACTOR, GROSS (NET WHERE NOTED)	 CPET COMMON PATH OF EGRESS TRAVEL (INCLUDED IN EATD) (E = 75' MAX)								
 NUMBER OF OCCUPANTS									

	CLASSROOM
	COMMON
	UTILITY
	OFFICE
	LIBRARY



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



## PROJECT DATA AND CODE ANALYSIS

PROPERTY ID#: R1263162  
TAXLOT ID#: 1S106AD01101  
RELEVANT CODES: 2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC)  
YEAR OF ORIGINAL CONSTRUCTION: 1981  
OVERALL BUILDING AREA:

AREA A:  
ACTUAL AREA: 5,103 SF (EXISTING NO CHANGE)  
AREA B:  
ACTUAL AREA: 17,243 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 EXISTING TO REMAIN AS-IS.  
NOTE: FACILITY HAS EXISTING FULL FIRE ALARM INCLUDING HORN, STROBES, SMOKE DETECTORS, AND MANUAL PULLS TO REMAIN .

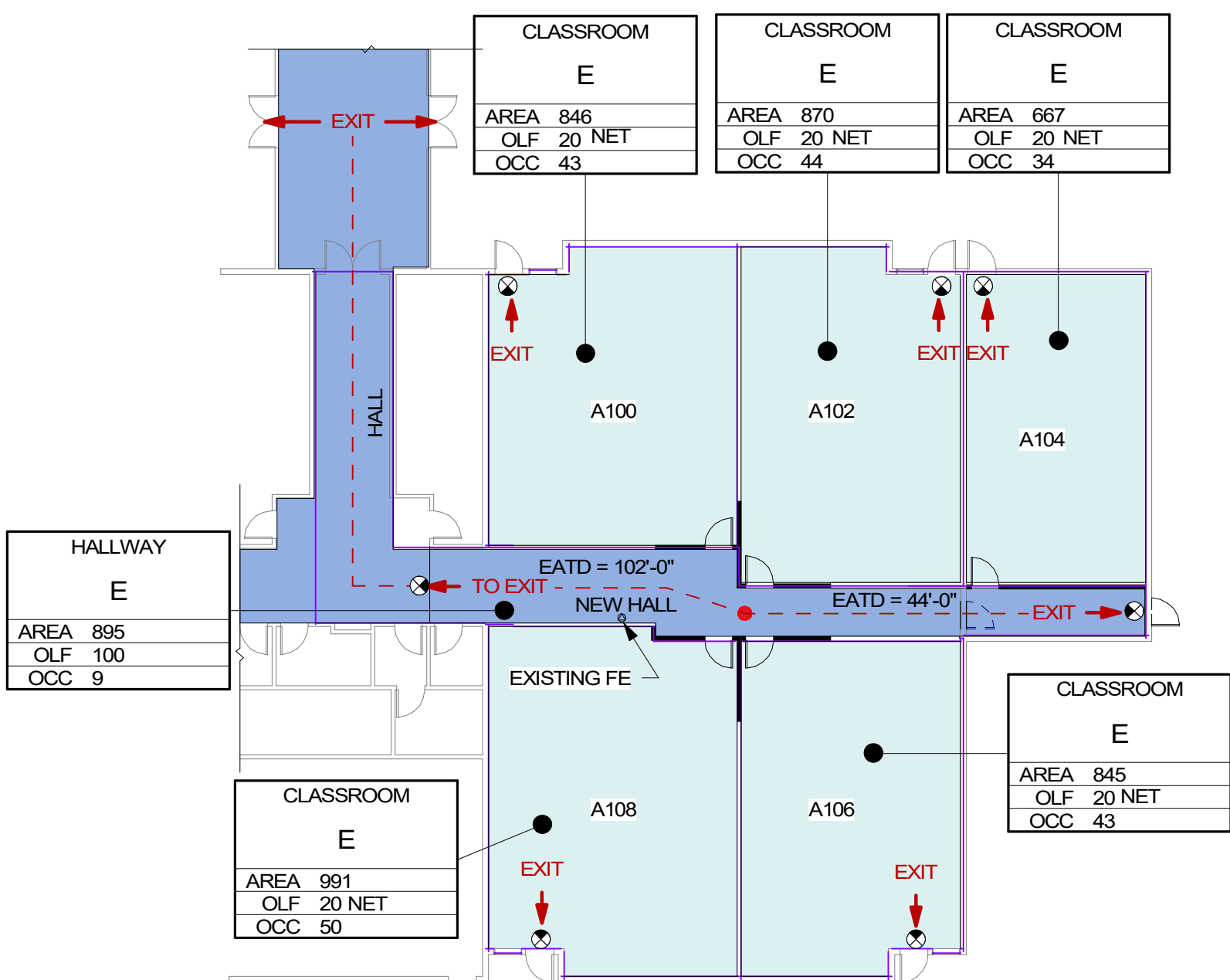
## CHAPTER 10 - MEANS OF EGRESS

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



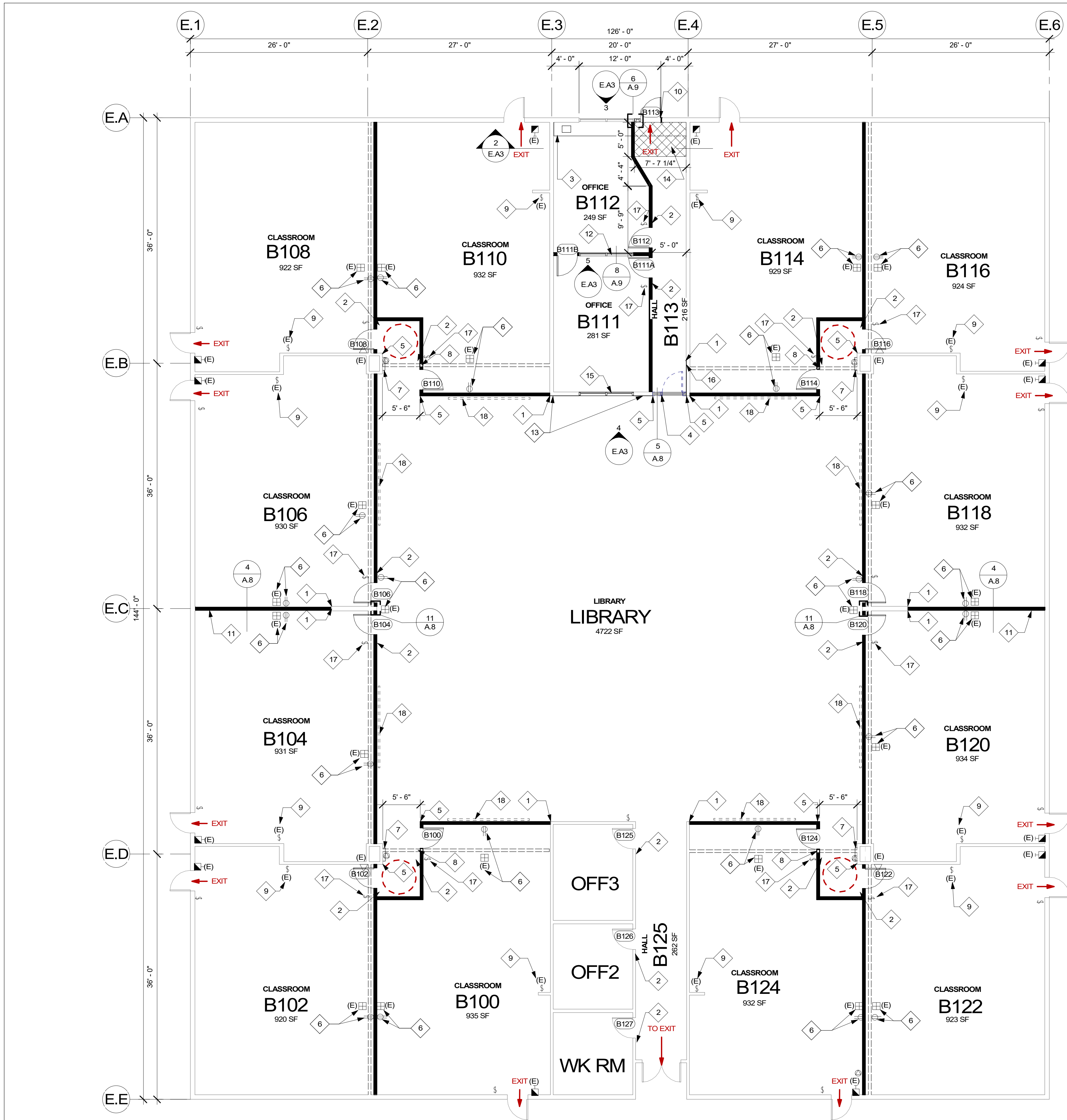
2 LIFE SAFETY PLAN B  
1/16" = 1'-0"











FLOOR PLAN A



FLOOR FINISH LEGEND

EXISTING FLOOR FINISH	
WALK OFF MAT	
SALCAGED CARPET	

PLAN CODE NOTES

	ADA 5'-0" MINIMUM TURN RADIUS
	EXIT DOOR TO EXIT DISCHARGE

WALL LEGEND

EXISTING WALL	
NEW WALL - SEE DETAIL 1/A.8	
TRACKED PARTITION - DEMO BY OTHER	
DEMO WALL	

ELECTRICAL LEGEND

DUPLEX OUTLET	
POWER SWITCH	
POWER DROP	
DATA OUTLET	
FLOOR DATA OUTLET	
FLOOR DUPLEX OUTLET	
FIRE ALARM	
EXISTING	(E)
FIRE EXTINGUISHER	

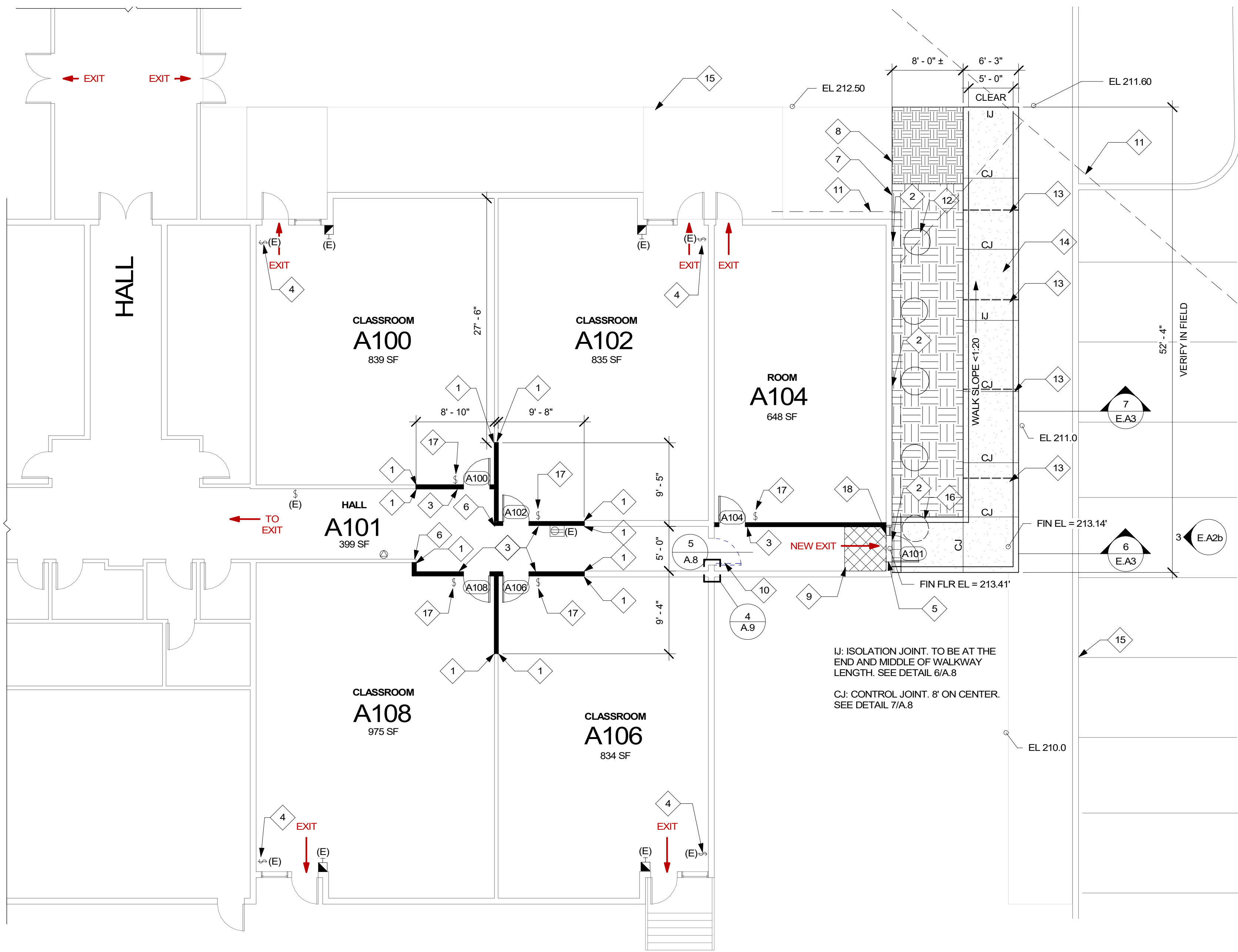
GENERAL NOTES

- A. PAINT TO BE AS FOLLOWS: NEW WALLS, P-1. NEW DOOR FRAMES, P-2. NEW DOORS, P-3. SEE SPEC SECTION 09 11 00 PAINTING
- B. NO EXISTING SURFACES TO BE PAINTED, UNLESS OTHERWISE NOTED
- C. NEW 3-WAY LIGHT SWITCHES TO BE PLACED IN CLASSROOMS, NEAR NEW DOORS. PER ELECTRICAL MATCH EXISTING CONDITIONS: LIGHTING (SEE ELECTRICAL) AND ACT
- D. THIS DRAWING REFERENCES EXISTING CONDITIONS, VERIFY ALL IN FIELD.
- E. DIMENSIONS ARE TO FACE OF WALL UNLESS OTHERWISE NOTED
- F. DIMENSIONS CONTAINING CLR MIN ARE THE MINIMUM DISTANCE OF CLEARANCE REQUIRED BY CODE. ADVISE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- G. ALL DOOR OPENINGS PERPENDICULAR TO A WALL ARE 6" TO THE WALL AND 12" ON PUSH SIDE UNLESS OTHERWISE NOTED
- H. TEMPORARY PROTECTION MUST BE COMPLETED PRIOR TO THE START OF INTERIOR CONSTRUCTION. DO NOT REMOVE TEMPORARY PROTECTION UNTIL INTERIOR CONSTRUCTION IS COMPLETED.
- I. IN ALL WORK AREAS FLOORING, CEILING TILES, AND FINISHES TO REMAIN IN PLACE SHALL BE PRESERVED AND PROTECTED BY CONTRACTOR.
- J. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED BY WORK AND SHALL REPAIR TO ORIGINAL CONDITION AT NO COST TO OWNER.
- K. ALL NEW DOORS ARE TO BE 3'-0" WIDE MINIMUM. REMOVE ALL SIGNAGE IN THE WING AND COORDINATE FINAL MOUNTING HEIGHT AND LOCATION WITH BSD PRIOR TO INSTALLATION. ALL NEW SIGNAGE IS OFCI. FOR SIGNAGE ON EXISTING WALL, TO REMAIN, PATCH AND REPAIR AS NECESSARY.
- L. FE/FEC(S) SHALL NOT BE LOCATED INSIDE CLASSROOMS AS THEY CAN BE LOCKED (TYP) PROVIDE WOOD BLOCKING AT ALL DOOR STOP AND WALL MOUNTED LOCATIONS. SURFACE MOUNTED WOOD BLOCKING ON EXISTING WALLS APPLIED TO STUDS. ADD INTERIOR WOOD BLOCKING TO NEW WALLS.
- M. PROVIDE COVE BASE ON NEW WALLS TO EITHER AN EXISTING WALL (CORNER) OR THE EDGE OF POCKET TRIM.
- N. WHERE NEW STEEL TRACK IS BEING PLACED ON THE CARPETING, SCORE THE EXISTING CARPET TO MAKE ANY FUTURE CARPETING UPDATES EASIER

KEY NOTE LEGEND

- 1. POCKET TRIM. SEE DETAIL 3/A.8. ALIGN NEW WALL WITH EXISTING WALL
- 2. NEW OFCI CLASSROOM SIGNAGE, INSTALLED PER E.A1 MOUNTING HEIGHTS AND/OR BSD DIRECTION. EXISTING CASEWORK TO REMAIN, MODIFY AS REQUIRED
- 3. DEMO WALL AND REPAIR WALL. FINISH. PATCH FLOORING PER FINISH SCHEDULE
- 4. NEW CORNER GUARD AT OUTSIDE CORNER
- 5. EXISTING POWER DROPS TO BE ROUTED ABOVE CEILING TILES TO BECOME NEW OUTLETS IN NEAREST NEW WALL(S). REPLACE ACT ABOVE ROUTED POWER DROP. HARVEST OLDER TILES AND RELOCATE TO MATCH EXISTING WEAR. TO THE EXTENT POSSIBLE, NEW ACT SHALL BE LOCATED IN THE TECH ROOM
- 6. FIRE EXTINGUISHER / FE CABINET
- 7. WHERE NEW PARTITIONS INTERSECT EXISTING TRACK, PROVIDE ACOUSTICAL SEALANT. PAINT TO MATCH SCHEDULED FINISH OF PARTITION. SEE DETAIL 8/A.8
- 8. REMOVE EXISTING SWITCH. NEW THREE WAY SWITCH TO BE INSTALLED. ARCHITECTURAL PLANS FOR REFERENCE. SEE ELECTRICAL
- 9. REMOVE (E) STOREFRONT PANEL FOR NEW EXIT DOOR
- 10. REMOVE PARTITION. ADD NEW WALL IN PLACE
- 11. NEW HM WINDOW
- 12. REMOVE EXISTING VINYL WALL COVERING AND REPLACE GWB TO EXTENT REQUIRED. SEE SPEC SECTION 09 72 00 WALL COVERINGS
- 13. 5' WALK-OFF MAT. SALVAGE CARPET FOR PATCHING IN OTHER AREAS (TYP)
- 14. REMOVE EXISTING (HM) WINDOW AND REPLACE WITH MODIFIED FRAMING
- 15. REMOVE VINYL WALL COVERING AND CLEAN CUT GYPBOARD AT THE NEAREST STUD AT 3'. BRING UP NEW FINISH TO POCKET TRIM
- 16. NEW SWITCH. ARCHITECTURAL PLANS FOR REFERENCE. SEE ELECTRICAL
- 17. FUTURE TACK BOARD LOCATION, TACK BOARDS ARE OFCI. CONTRACTOR TO PROVIDE 12' LENGTHS OF WOOD BLOCKING WHERE SHOWN. TWO HORIZONTAL ROWS OF 2x6 WOOD BLOCKING (FIRE-RATED NOT REQUIRED). TOP OF THE TACK BOARDS SHOULD ALIGN WITH THE TOP OF THE DOORS, BLOCKING IS TO BE NOTCHED AT THE STUDS, AND A MINIMUM OF 2-3/4" FROM THE CENTERLINE OF THE BLOCKING TO THE TOP/BOTTOM EDGE OF THE BLOCKING. TOP ROW AND BOTTOM ROW OF BLOCKING ARE TO BE 4' APART.





### FLOOR FINISH LEGEND

EXISTING FLOOR FINISH

WALK OFF MAT

### PLAN CODE NOTES

ADA 5'-0" MINIMUM TURN RADIUS

EXIT DOOR TO EXIT DISCHARGE

### WALL LEGEND

EXISTING WALL

NEW WALL - SEE DETAIL 1/A.8

DEMO WALL

### ELECTRICAL LEGEND

DUPLEX OUTLET

POWER SWITCH

POWER DROP

DATA OUTLET

FLOOR DATA OUTLET

FLOOR DUPLEX OUTLET

FIRE ALARM

EXISTING

FIRE EXTINGUISHER

### GENERAL NOTES

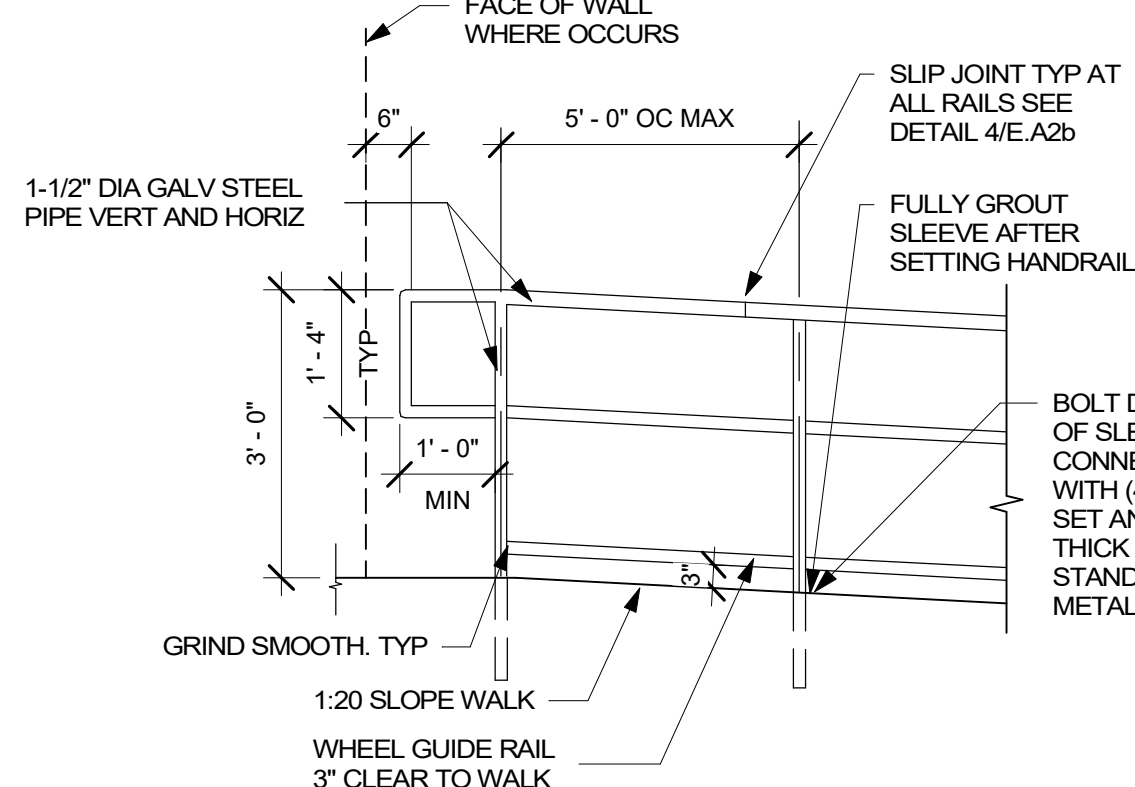
- PAINT TO BE AS FOLLOWS: NEW WALLS, P-1. NEW DOOR FRAMES, P-2. NEW DOORS, P-3. SEE SPEC SECTION 09 91 00 PAINTING
- NO EXISTING SURFACES TO BE PAINTED, UNLESS OTHERWISE NOTED
- NEW 3-WAY LIGHT SWITCHES TO BE PLACED IN CLASSROOMS, NEAR NEW DOORS. PER ELECTRICAL
- MATCH EXISTING CONDITIONS: LIGHTING (SEE ELECTRICAL) AND ACT
- THIS DRAWING REFERENCES EXISTING CONDITIONS. VERIFY ALL IN FIELD.
- DIMENSIONS ARE TO FACE OF WALL UNLESS OTHERWISE NOTED.
- DIMENSIONS CONTAINING CLR MIN ARE THE MINIMUM DISTANCE OF CLEARANCE REQUIRED BY CODE. ADVISE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- ALL DOOR OPENINGS PERPENDICULAR TO A WALL ARE 6" TO THE WALL AND 12" ON PUSH SIDE UNLESS OTHERWISE NOTED.
- TEMPORARY PROTECTION MUST BE COMPLETED PRIOR TO THE START OF INTERIOR CONSTRUCTION.
- DO NOT REMOVE TEMPORARY PROTECTION UNTIL INTERIOR CONSTRUCTION IS COMPLETED.
- IN ALL WORK AREAS FLOORING, CEILING TILES, AND FINISHES TO REMAIN IN PLACE SHALL BE PRESERVED AND PROTECTED BY CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED BY WORK AND SHALL REPAIR TO ORIGINAL CONDITION AT NO COST TO OWNER.
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- REMOVE ALL SIGNAGE IN THE WING AND COORDINATE FINAL MOUNTING HEIGHT AND LOCATION WITH BSD PRIOR TO INSTALLATION. ALL NEW SIGNAGE IS OFCI. FOR SIGNAGE ON EXISTING WALL TO REMAIN, PATCH AND REPAIR AS NECESSARY.
- FE/EC(S) SHALL NOT BE LOCATED INSIDE CLASSROOMS AS THEY CAN BE LOCKED (TYP)
- PROVIDE WOOD BLOCKING AT ALL DOOR STOP AND WALL MOUNTED LOCATIONS. SURFACE MOUNTED WOOD BLOCKING ON EXISTING WALLS APPLIED TO STUDS. ADD INTERIOR WOOD BLOCKING TO NEW WALLS.
- PROVIDE COVE BASE ON NEW WALLS TO EITHER AN EXISTING WALL (CORNER) OR THE EDGE OF POCKET TRIM
- WHERE NEW STEEL TRACK IS BEING PLACED ON THE CARPETING, SCORE THE EXISTING CARPET TO MAKE ANY FUTURE CARPETING UPDATES EASIER

### KEY NOTE LEGEND

- POCKET TRIM. SEE DETAIL 3/A.8
- (E) VENT WELLS TO REMAIN, TYP
- NEW OFCI CLASSROOM SIGNAGE. INSTALLED PER E.H.1 MOUNTING HEIGHTS AND/OR BSD DIRECTION.
- REMOVE EXISTING SWITCH. NEW THREE WAY SWITCH TO BE INSTALLED. ARCHITECTURAL PLANS FOR REFERENCE. SEE ELECTRICAL
- EXISTING WINDOW TO BE REMOVED WHERE NEW DOOR INSTALLED
- NEW CORNER GUARD AT OUTSIDE CORNER
- REMOVE EXISTING SOD THIS AREA AND NEW WORK. PROVIDE WEED BARRIER AND 3" MULCH IN THIS AREA. MATCH EXISTING ALIGNMENT OF MULCH AREA OF SOD REPAIR
- 5' WALK-OFF MAT. SALVAGE CARPET FOR PATCHING IN OTHER AREAS (TYP)
- DEMO DOOR FRAME. LEAVE WALL. PATCH CARPET AS NECESSARY FROM REMOVED CARPET AT WALK OFF MAT.
- (E) STORM DRAIN. FOR REFERENCE
- EXISTING LANDSCAPED BUSHES
- 1" DIAMETER PVC SLEEVE FOR DRAINAGE
- NEW CONCRETE WALK. WALK SLOPE UNDER 1:20. WITH CONSIDERATION OF VENT AND CRAWLSPACE AT EXTERIOR OF BUILDING
- (E) CONCRETE WALK, STRIPING, AND PAVING
- EXISTING LANDSCAPING TO BE REMOVED
- NEW SWITCH. ARCHITECTURAL PLANS FOR REFERENCE. SEE ELECTRICAL.
- INFILL PANEL. SEE SPEC 08 41 13

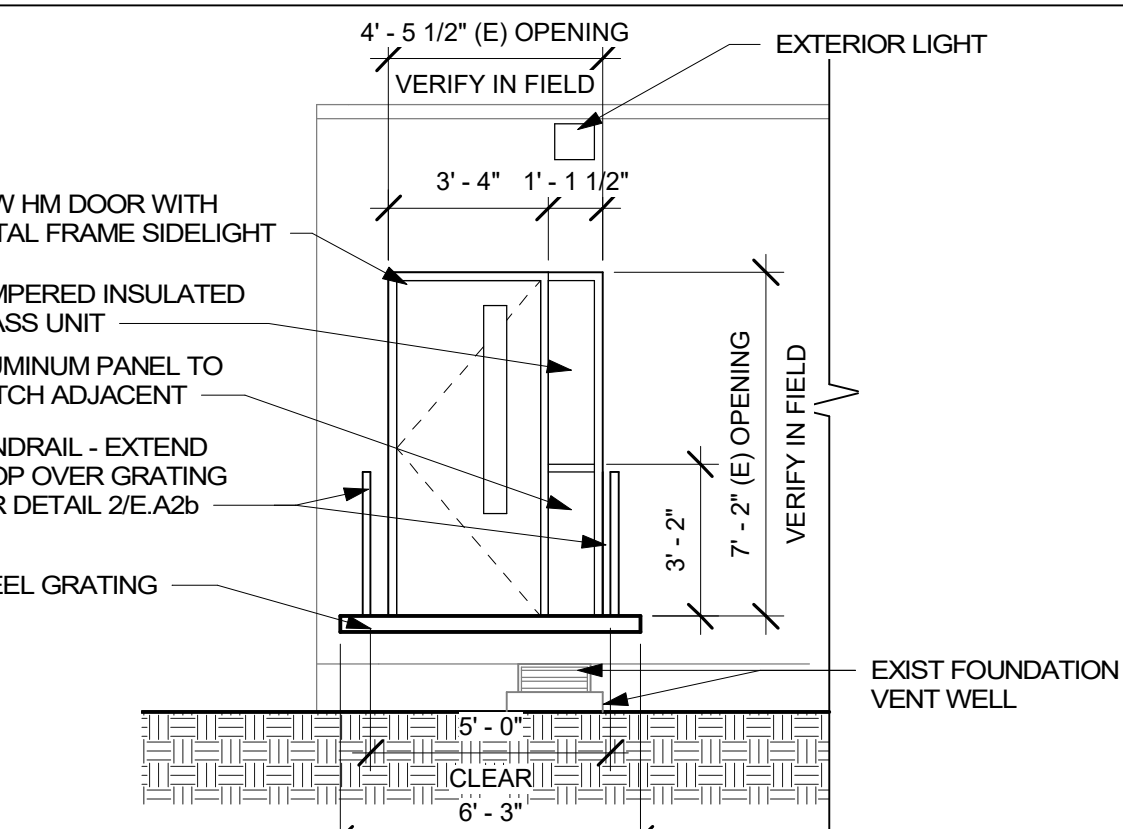
## 1 FLOOR PLAN B

1/8" = 1'-0"



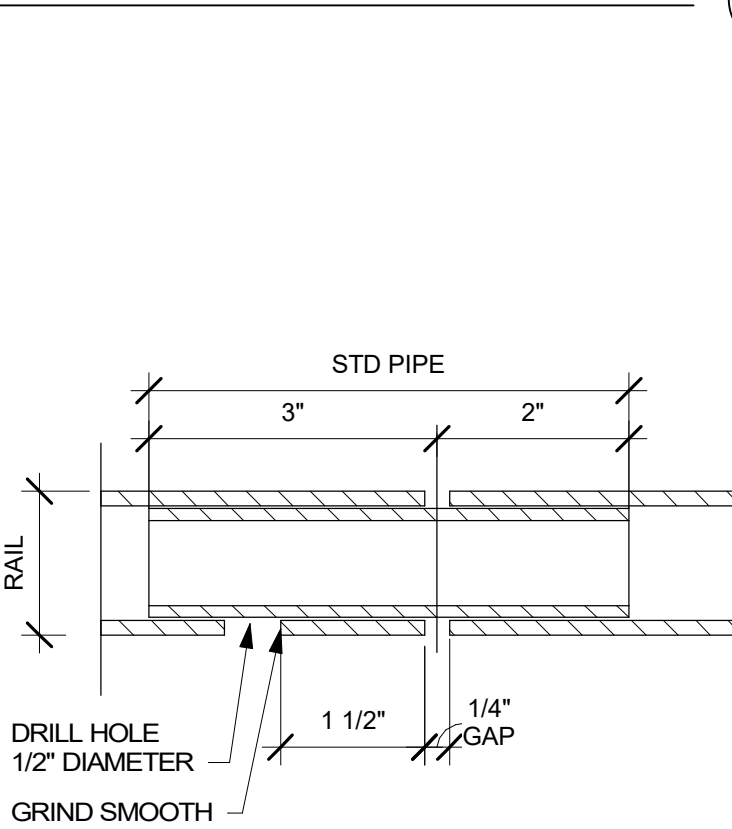
## 2 TYP WALK HANDRAIL

1/2" = 1'-0"



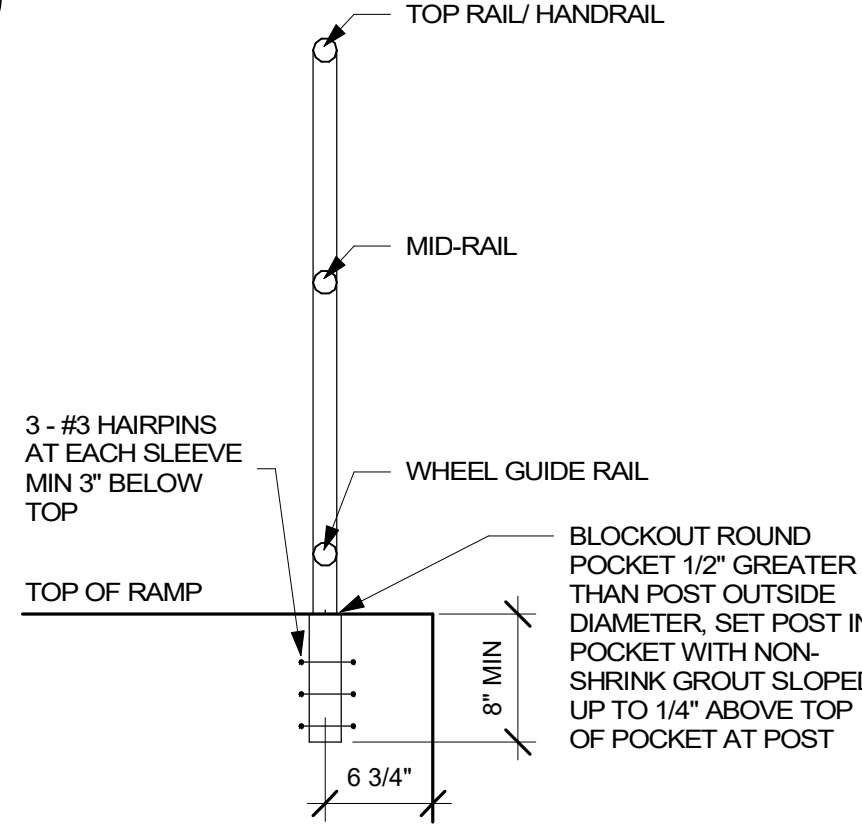
## 3 ELMONICA B EXTERIOR ELEVATION

1/4" = 1'-0"



## 4 SLIP JOINT DETAIL

NTS

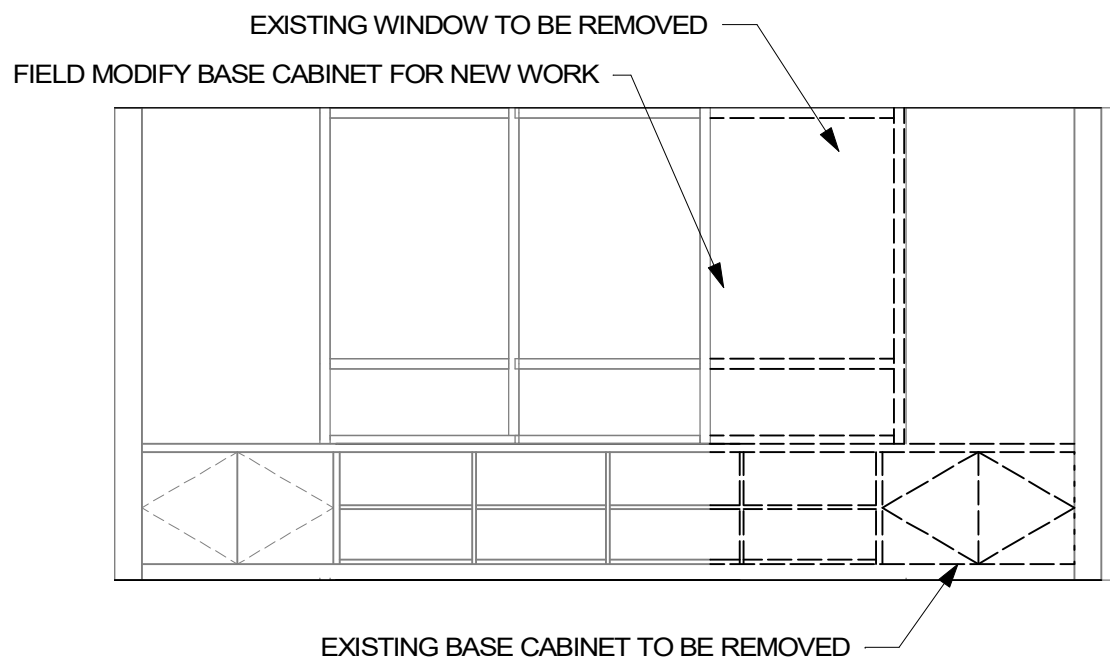


## 5 POST ATTACHMENT DETAIL

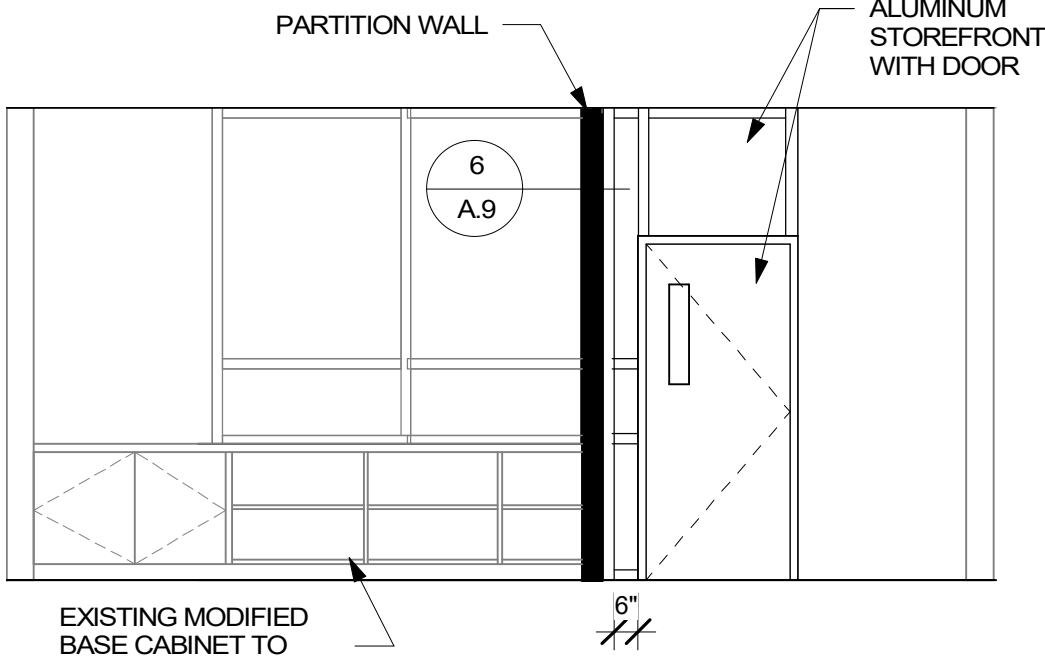
1" = 1'-0"

- STRUCTURAL PIPES SHALL CONFORM TO ASTM A53, GRADE B (Fy=35 KSI) AND STRUCTURAL STEEL PLATE SHALL CONFORM TO ASTM A36.
- STEEL SHALL BE FABRICATED AND ERECTED IN CONFORMANCE WITH THE LATEST AISC SPECIFICATIONS AND CODE STANDARD PRACTICE
- WELDING SHALL BE DONE BY WELDERS CERTIFIED, USING E70XX ELECTRODES ONLY.
- ALL STEEL STRUCTURAL COMPONENTS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION.
- MAXIMUM SPACING OF POSTS SHALL BE 5 FEET. SPACING SHALL BE UNIFORM
- PROVIDE SLIP JOINTS AT RAMP EXPANSION JOINTS OR AT EVERY 24 FEET ON CENTER MAXIMUM
- ALL RAILS AND ANY ADJACENT SURFACES TO IT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8"
- ALL FIELD WELDS AS REQUIRED SHALL BE GROUND SMOOTH. GALVANIZED COATING SHALL BE REPAIRED AFTER FIELD WELDING.

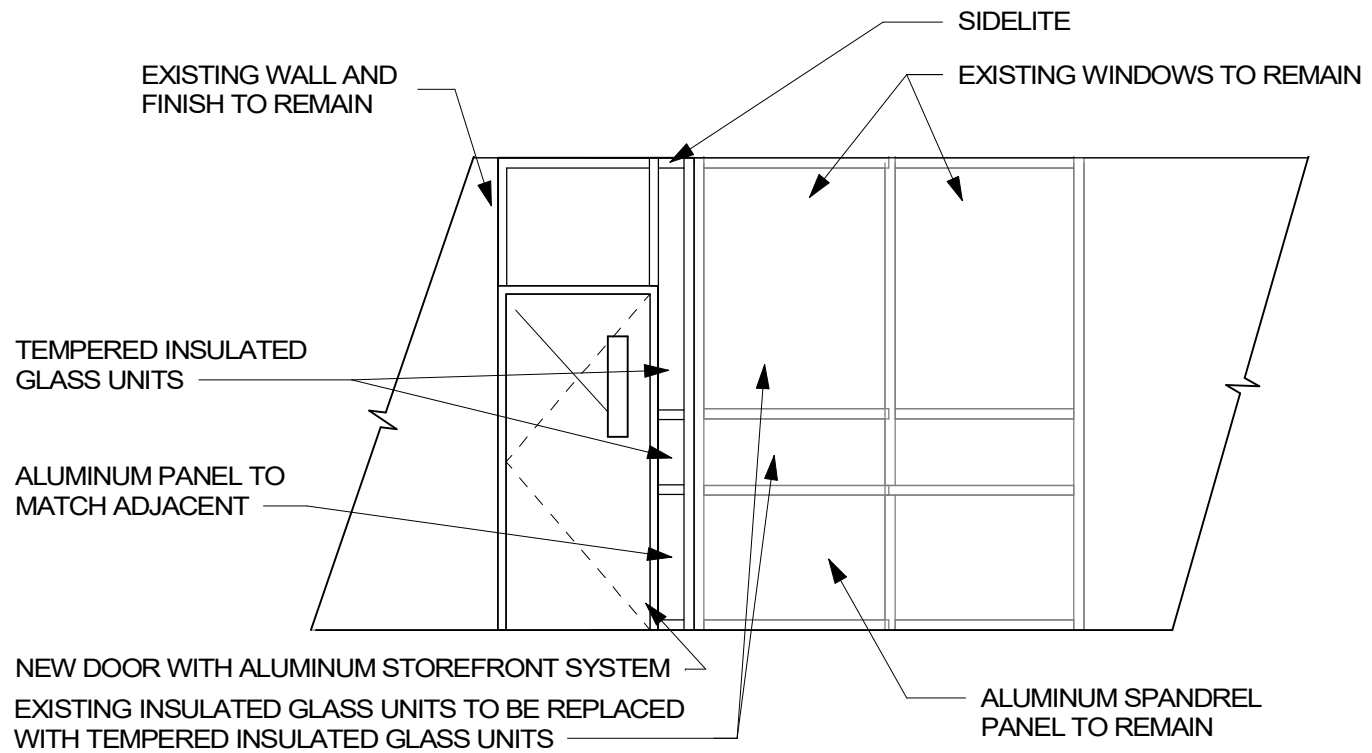




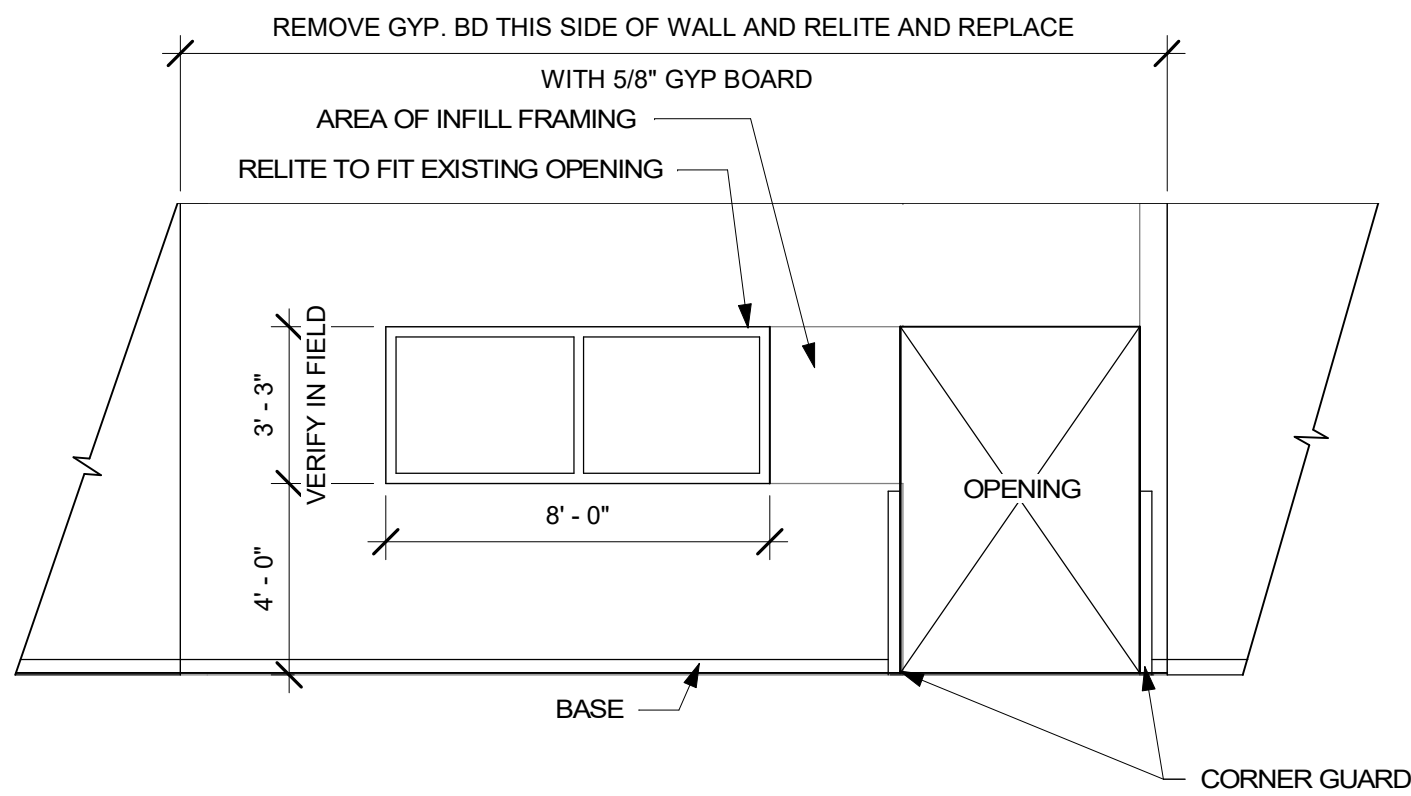
**1 B112 DEMO WEST WALL**  
1/4" = 1'-0"



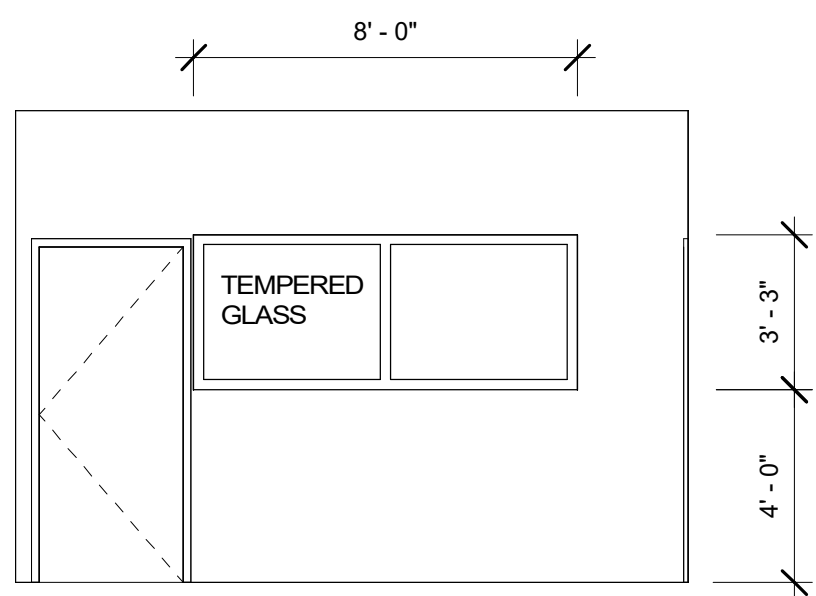
**2 NEW HALL B113, B112 SECTION**  
1/4" = 1'-0"



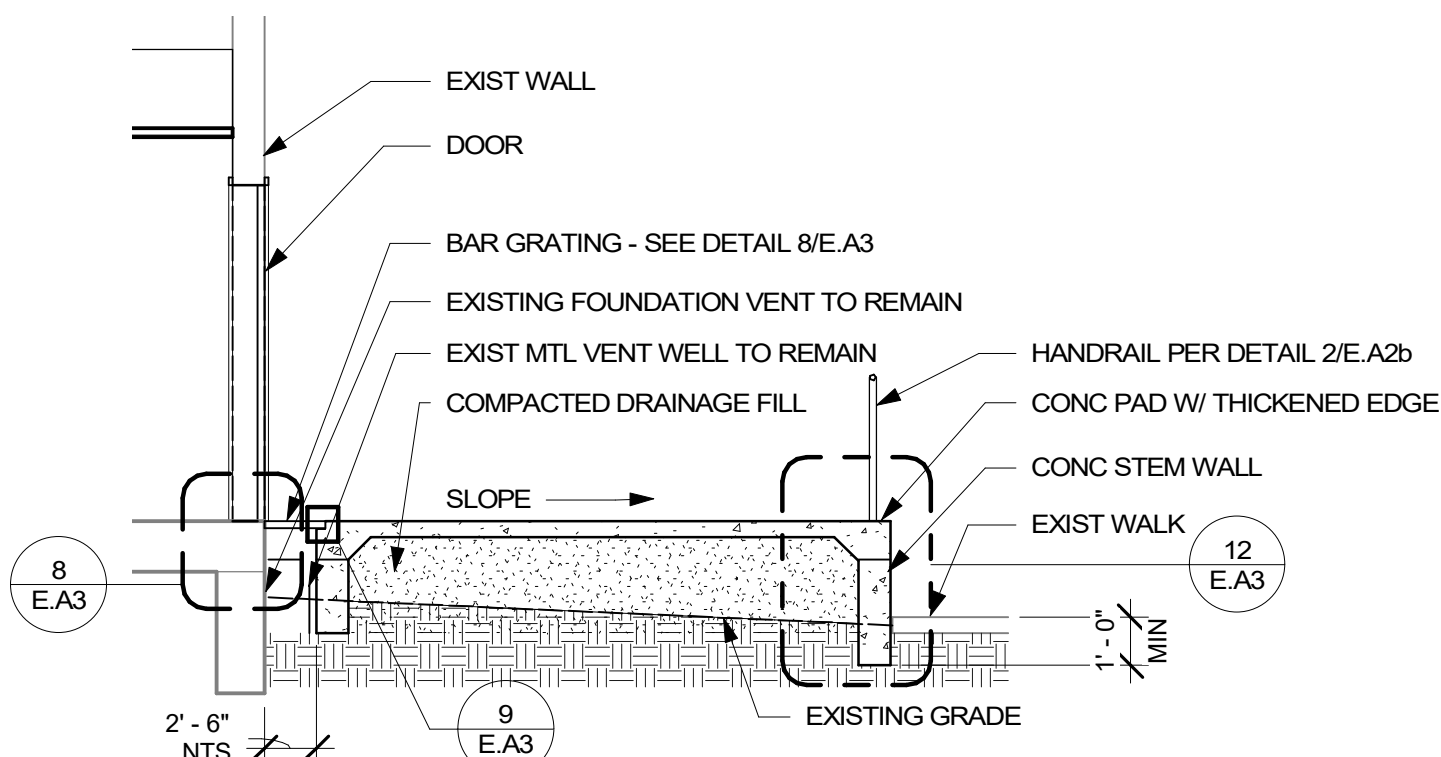
**3 B113 EXTERIOR ELEVATION**  
1/4" = 1'-0"



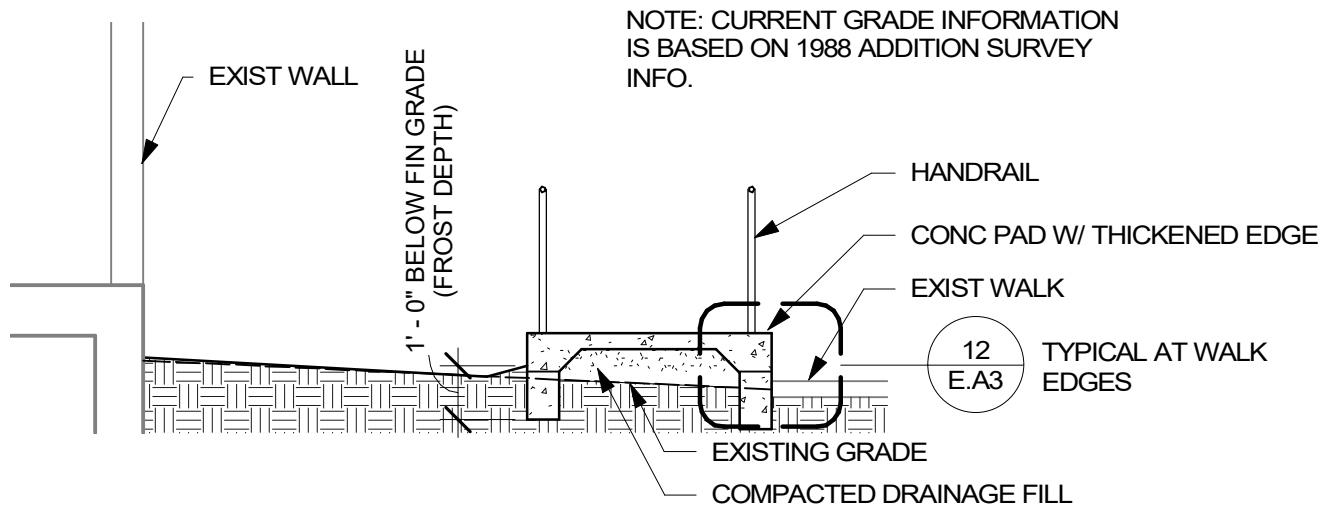
**4 A111 LIBRARY INTERIOR ELEVATION**  
1/4" = 1'-0"



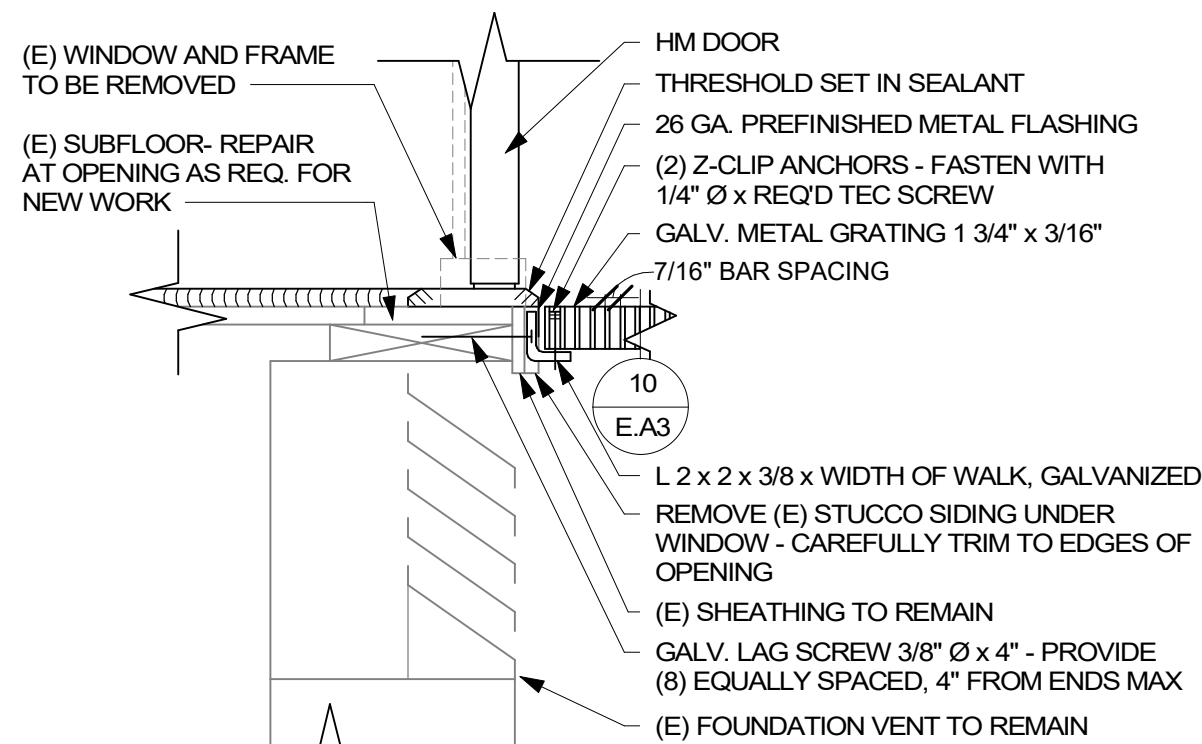
**5 ELMONICA B111 ELEVATION**  
1/4" = 1'-0"



**6 SECTION AT LANDING**  
1/4" = 1'-0"



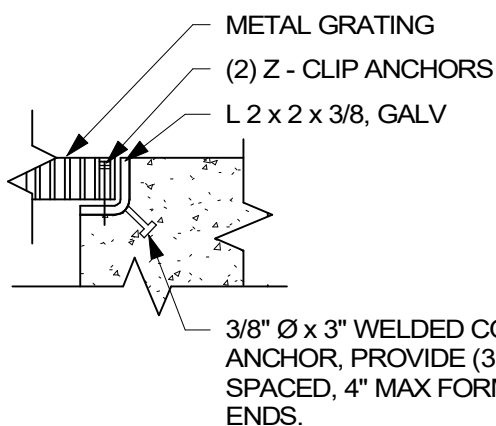
**7 WALK SECTION**  
1/4" = 1'-0"



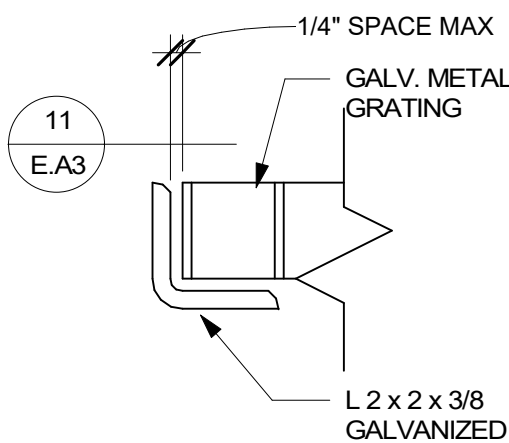
**8 METAL GRATING**  
1 1/2" = 1'-0"

DOOR SCHEDULE - E1													
NO	HW	NEW / EXISTING	INT / EXT	DOOR							FRAME		DETAILS
				SIZE			TYPE	MATL	FINISH	GLASS	MATL	FINISH	JAMB
				W	H	T							
A100	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
A101	H-5	NEW	EXTERIOR	3' - 0"	7' - 0"	1 3/4"	A	HM	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
A102	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
A104	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
A106	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
A108	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WY WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
B100	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
B102	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
B104	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
B106	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
B108	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
B110	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
B111A	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
B111B	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
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	1/A.9
B113	H-5	NEW	EXTERIOR	3' - 0"	7' - 0"	1 3/4"	A	HM	FACTORY	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
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	1/A.9
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	1/A.9
B118	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
B120	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
B122	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
B124	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9
B125	H-3	EXISTING	INTERIOR	3' - 0"	7' - 0"	1 3/4"	-	-	-	-	-	-	-
B126	H-3	EXISTING	INTERIOR	3' - 0"	7' - 0"	1 3/4"	-	-	-	-	-	-	-
B127	H-3	EXISTING	INTERIOR	3' - 0"	7' - 0"	1 3/4"	-	-	-	-	-	-	-

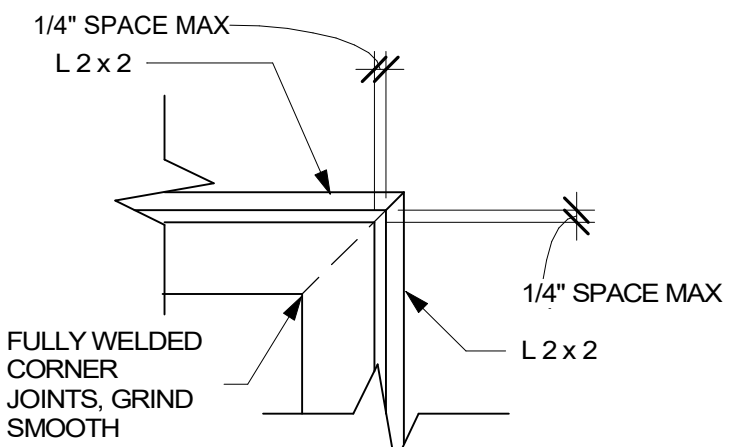
Grand total: 25  
HM - HOLLOW METAL  
PR - EACH INDIVIDUAL LEAF OF A PAIR



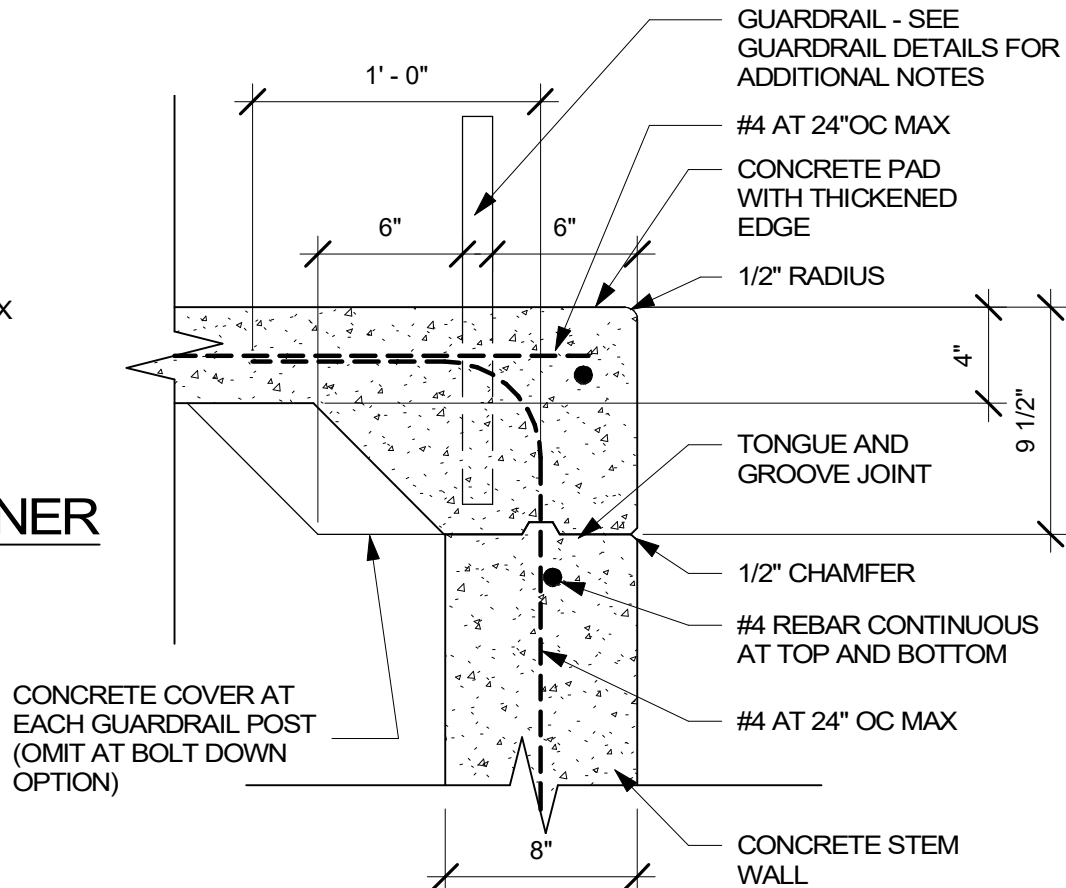
**9 METAL GRATING TO CONCRETE**  
1 1/2" = 1'-0"



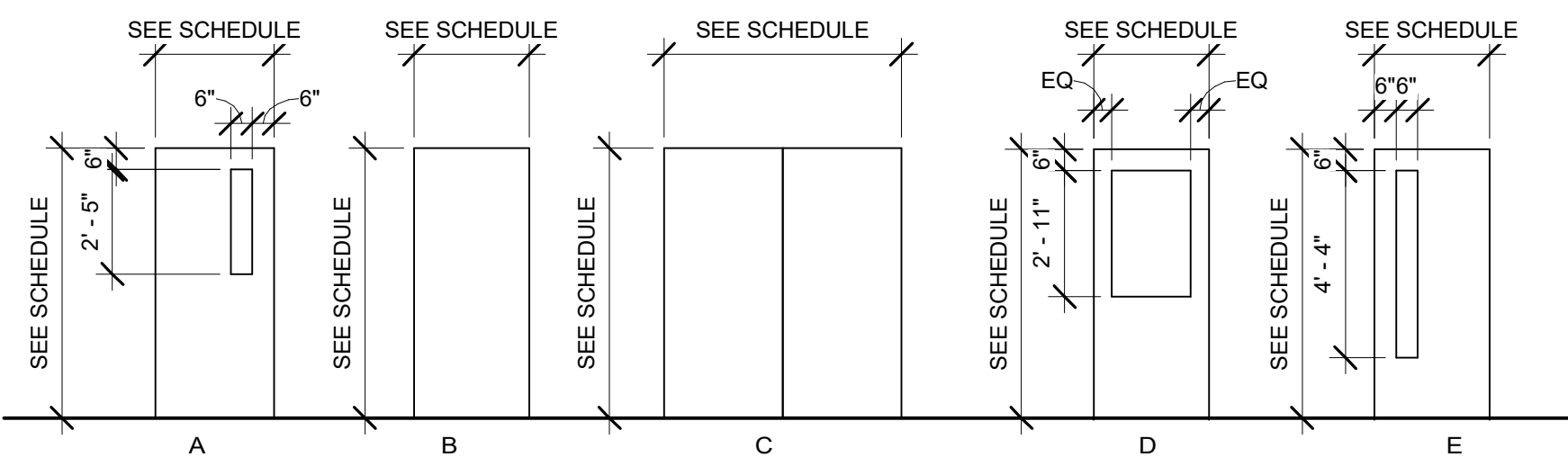
**10 METAL GRATING SECTION**  
3" = 1'-0"



**11 METAL GRATING CORNER**  
3" = 1'-0"



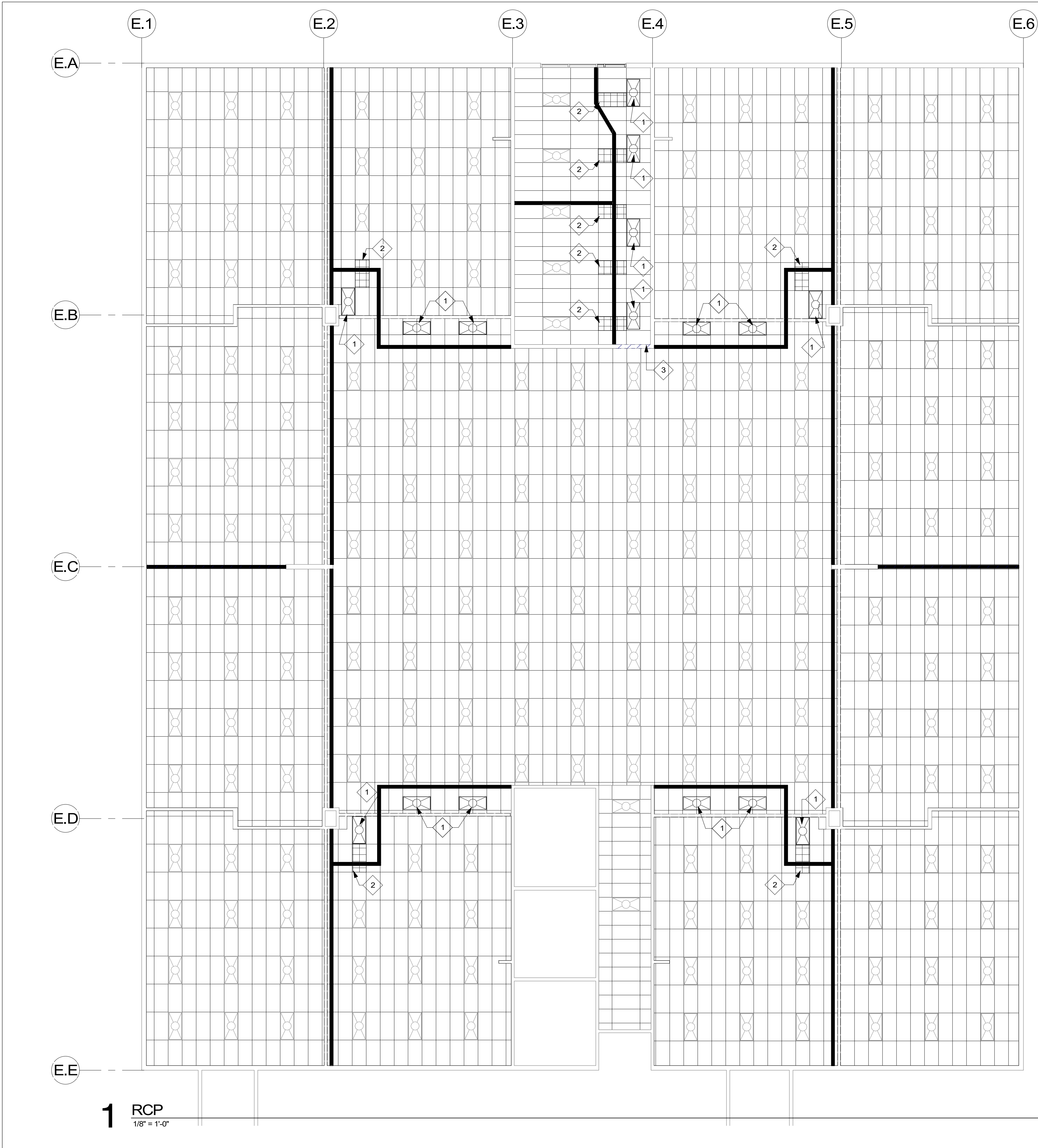
**12 CONCRETE REINFORCING AND COLD JOINT**  
1 1/2" = 1'-0"



**STANDARD 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  
3. TEMPERED GLASS AT ALL DOOR LITES





**KEY NOTE LEGEND**

ARCHITECTURAL PLANS ARE FOR REFERENCE ONLY, REFER TO ELECTRICAL

1. NEW OR RELOCATED LIGHT. SEE ELECTRICAL FOR ADDITIONAL INFORMATION
2. PROVIDE NEW ACT TILE TO MATCH EXISTING AT RELOCATED LIGHT. SEE ELECTRICAL FOR ADDITIONAL DEMO AND NEW WORK INFORMATION
3. DEMO WALL, REPAIR CEILING
4. EXISTING DIFFUSER, MODIFY AS REQUIRED.

**RCP LEGEND**

ACT CEILING: EXISTING

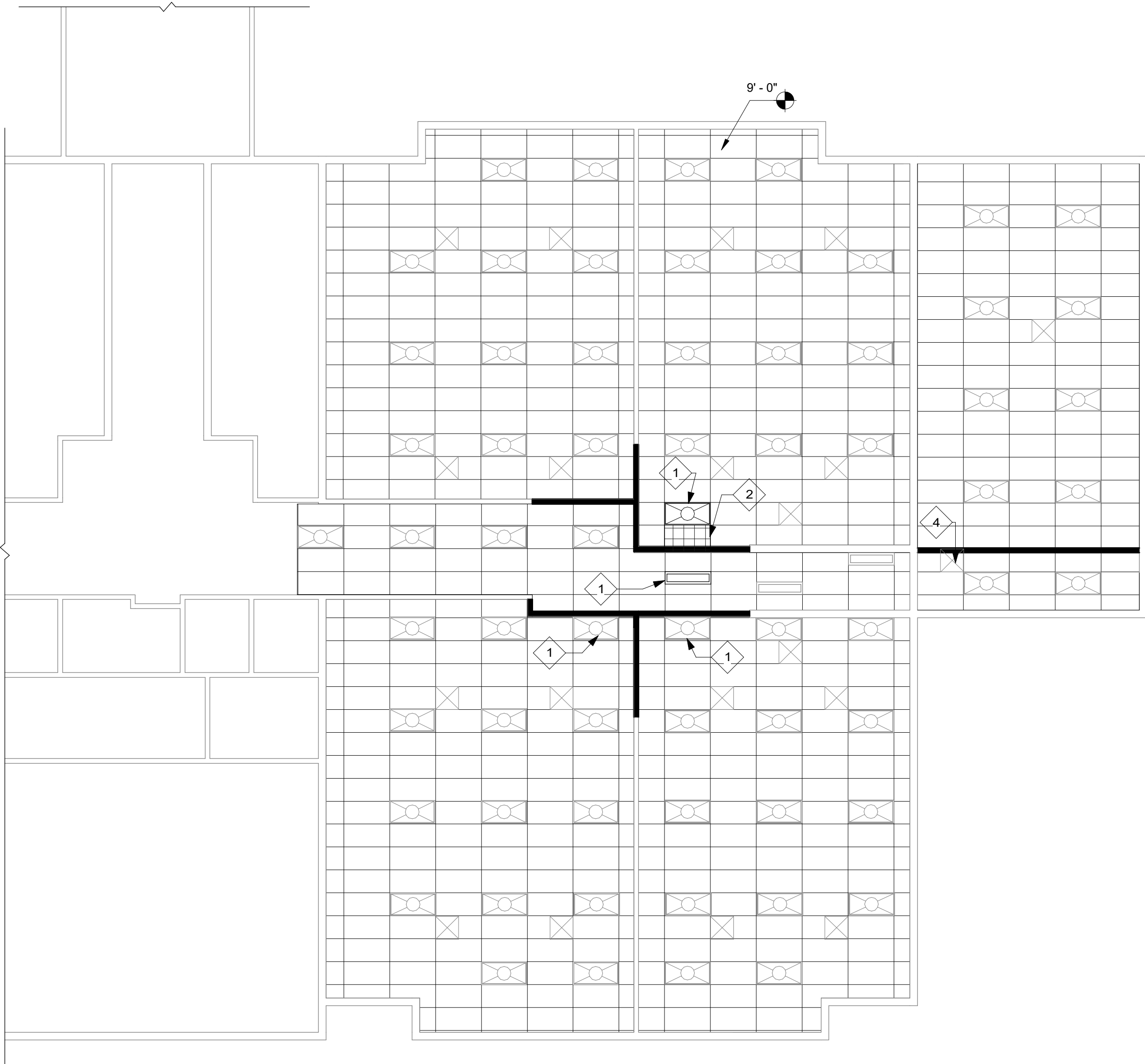
ACT CEILING: NEW

2X4 OVERHEAD LIGHT

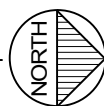
DIFFUSER

1X4 OVERHEAD LIGHT






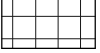



1 RCP  
1/8" = 1'-0"



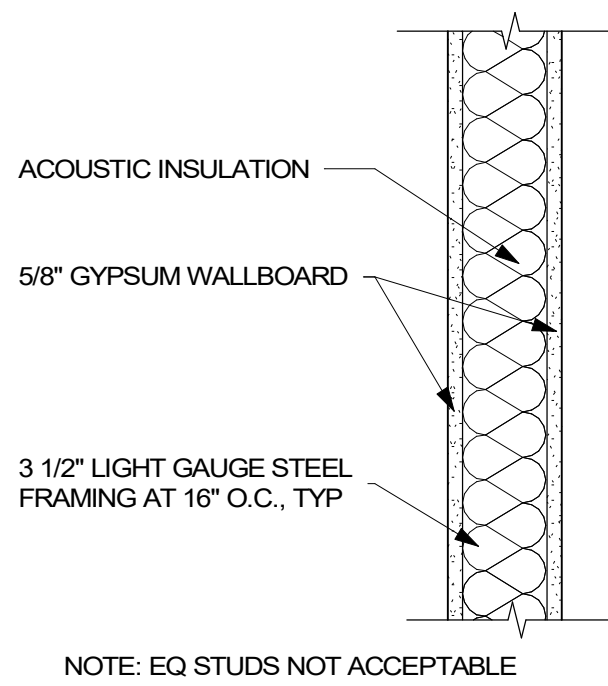
### KEY NOTE LEGEND

- ARCHITECTURAL PLANS ARE FOR REFERENCE ONLY,  
REFER TO ELECTRICAL
1. NEW OR RELOCATED LIGHT. SEE ELECTRICAL FOR  
ADDITIONAL INFORMATION
  2. PROVIDE NEW ACT TILE TO MATCH EXISTING AT  
RELOCATED LIGHT. SEE ELECTRICAL FOR  
ADDITIONAL DEMO AND NEW WORK INFORMATION
  3. DEMO WALL, REPAIR CEILING
  4. EXISTING DIFFUSER, MODIFY AS REQUIRED.

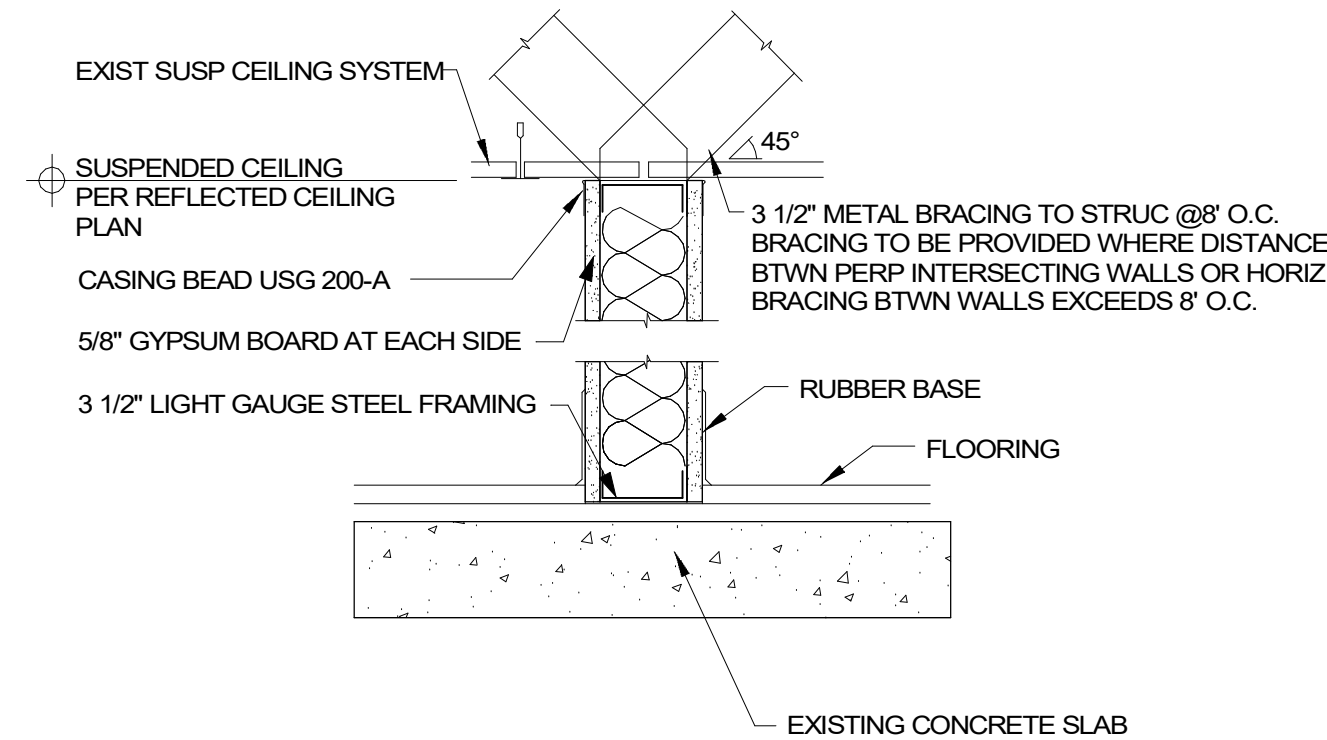
### RCP LEGEND

- ACT CEILING: EXISTING 
- ACT CEILING: NEW 
- 2X4 OVERHEAD LIGHT 
- DIFFUSER 
- 1X4 OVERHEAD LIGHT 

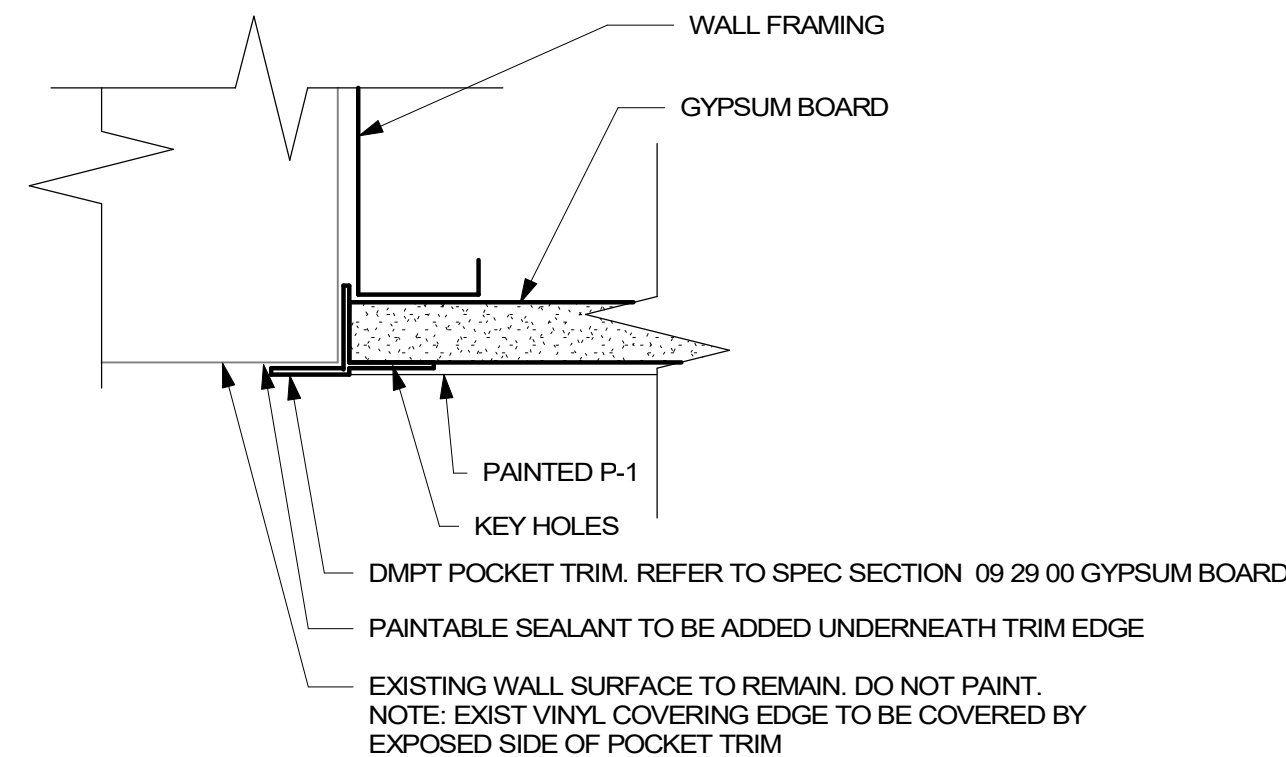




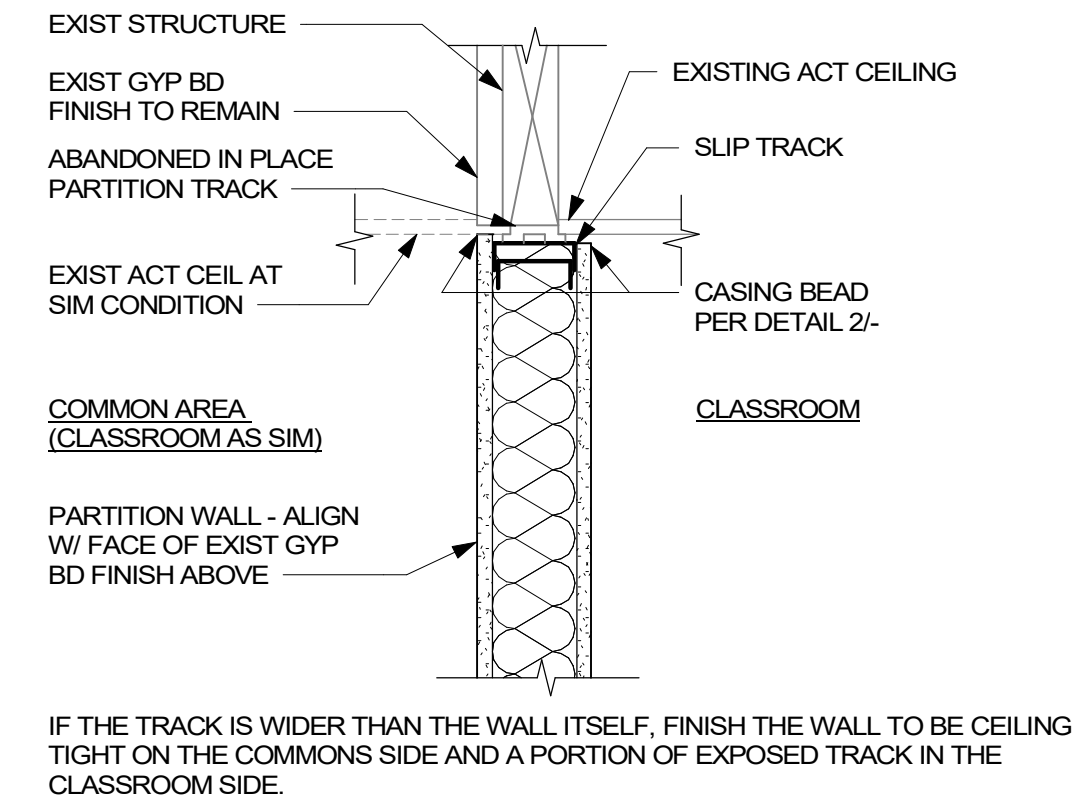
**1** TYPICAL WALL ASSEMBLY  
1 1/2" = 1'-0"



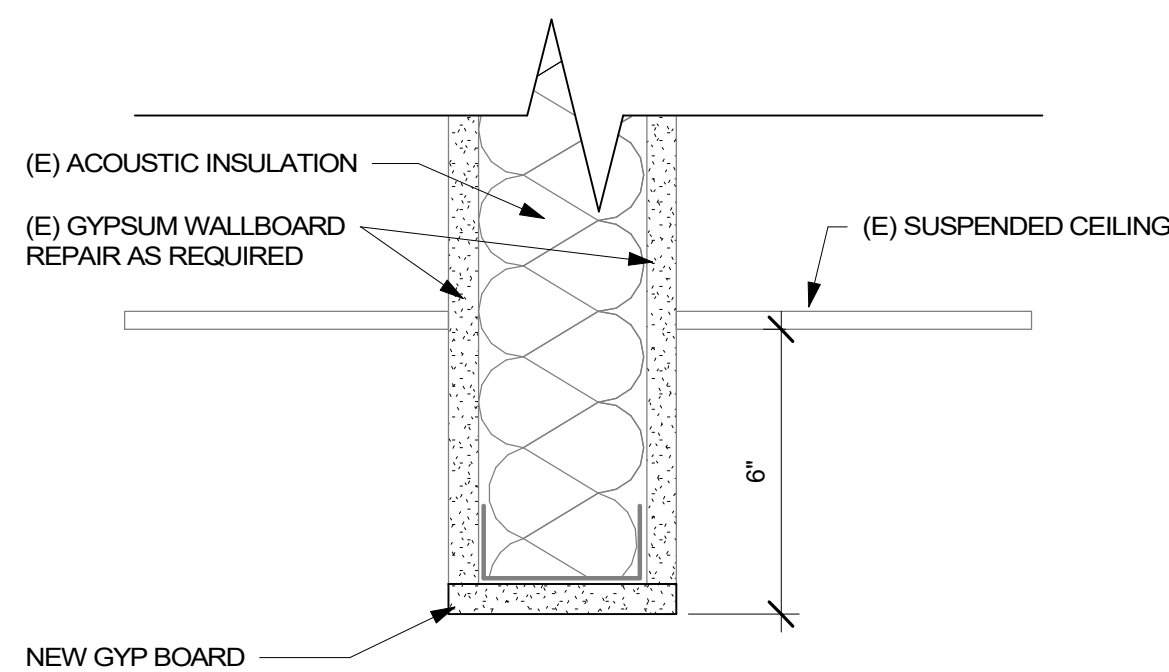
**2** WALL BASE TO UNDERSIDE OF ACT CEILING  
1 1/2" = 1'-0"



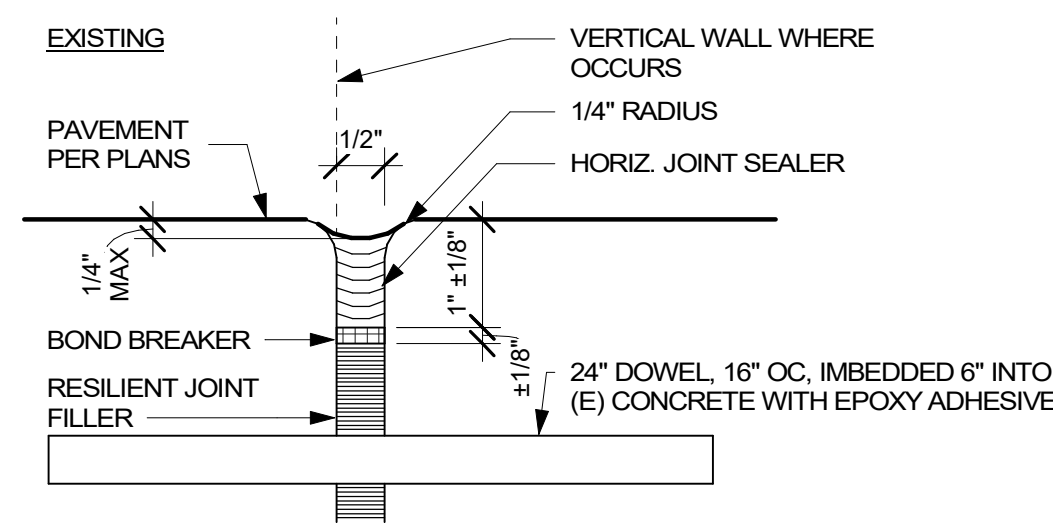
**3** POCKET TRIM DETAIL  
6" = 1'-0"



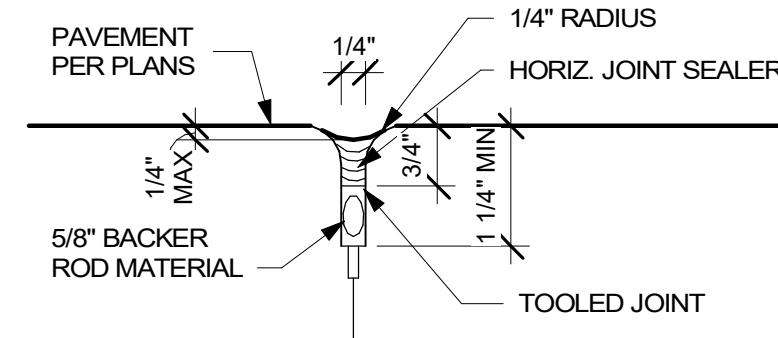
**4** WALL TO EXISTING PARTITION TRACK  
1 1/2" = 1'-0"



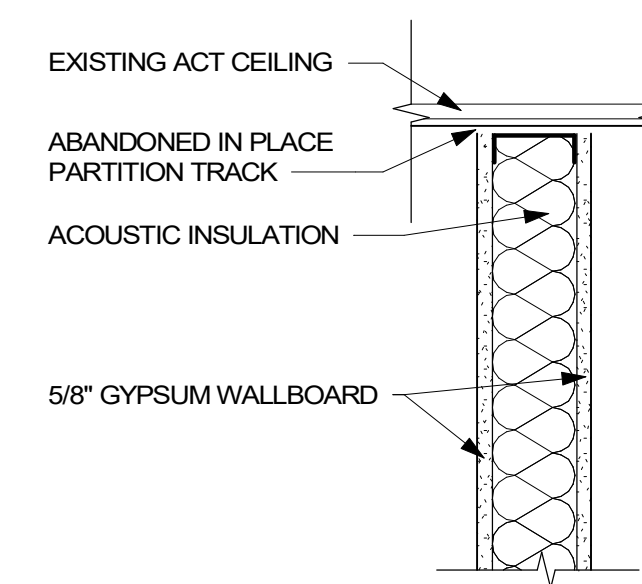
**5** INTERIOR SOFFIT DETAIL  
3" = 1'-0"



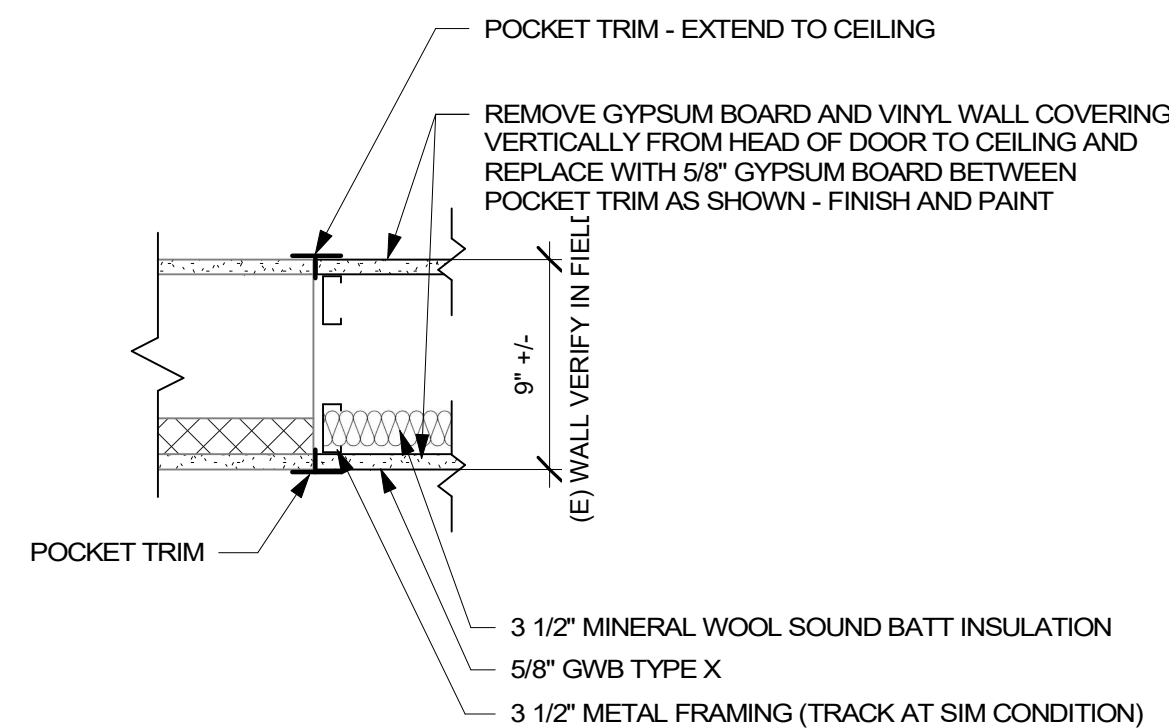
**6** ISOLATION JOINT  
6" = 1'-0"



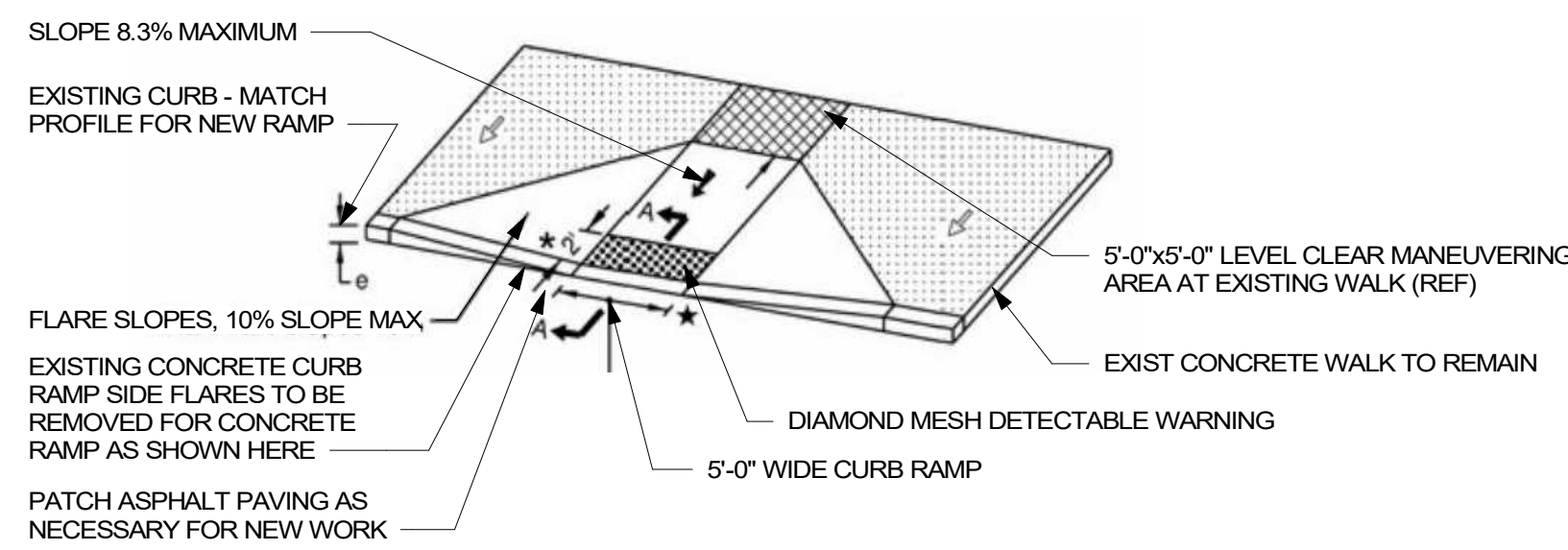
**7** CONTROL/EXPANSION JOINT  
6" = 1'-0"



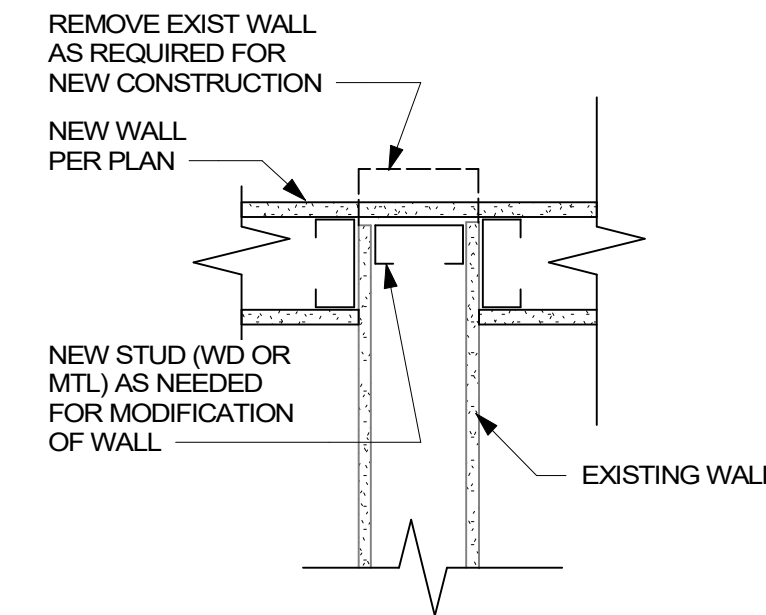
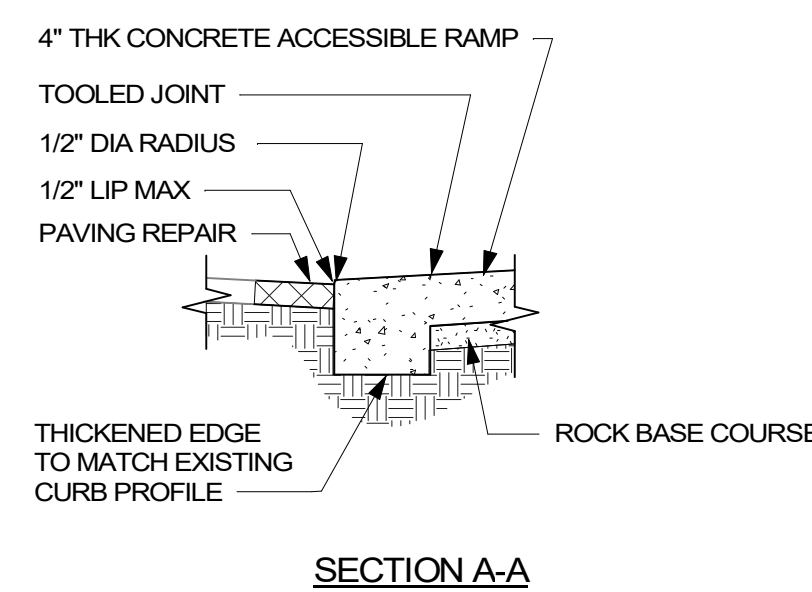
**8** WALL PERPENDICULAR TO EXISTING TRACK  
1 1/2" = 1'-0"



**9** INFILL EXISTING DOOR-JAMB DETAIL  
1 1/2" = 1'-0"



**10** ACCESSIBLE CURB RAMP  
NTS



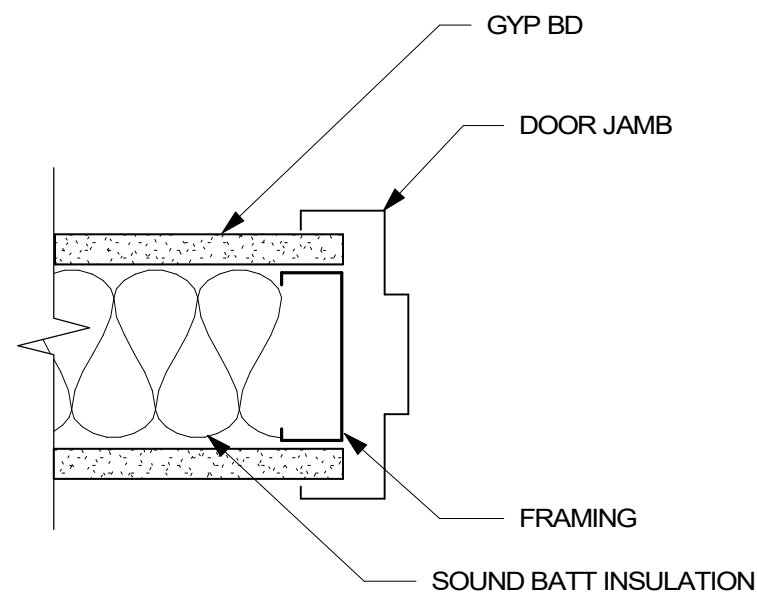
**11** GYP COVERING WALL STUB  
1 1/2" = 1'-0"

## DETAILS PER SCHOOL

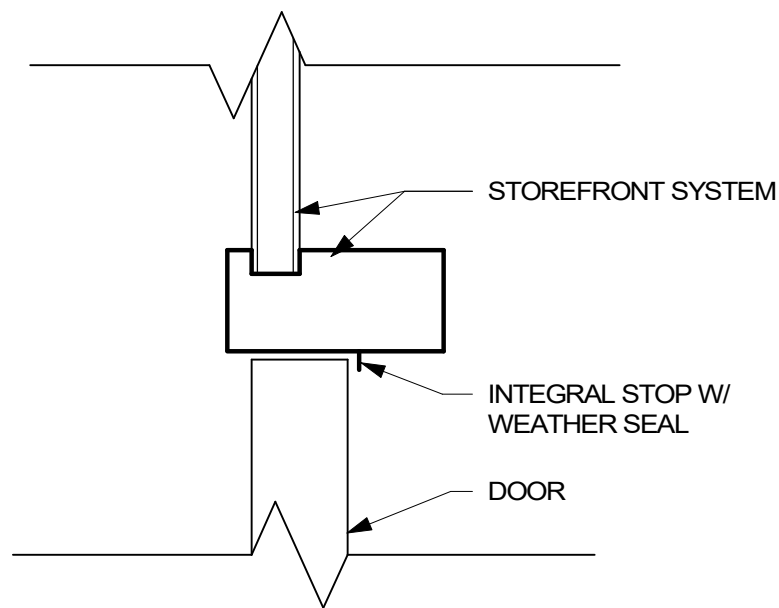
SOME DETAILS APPLY TO SPECIFIC SCHOOLS. SEE LIST BELOW

ELMONICA	ERROL HASSELL	GREENWAY
1/A.8	1/A.8	1/A.8
2/A.8	2/A.8	2/A.8
3/A.8	3/A.8	3/A.8
4/A.8	5/A.8	5/A.8
5/A.8	8/A.8	8/A.8
6/A.8	9/A.8	9/A.8
7/A.8	10/A.8	
8/A.8		
10/A.8		
11/A.8		

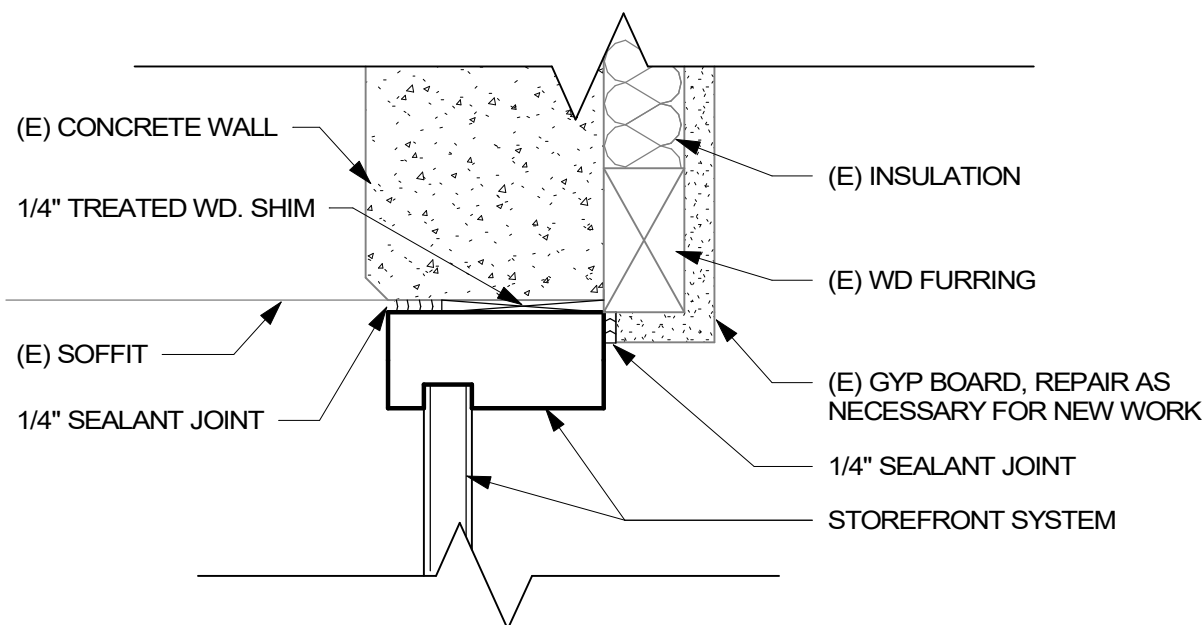




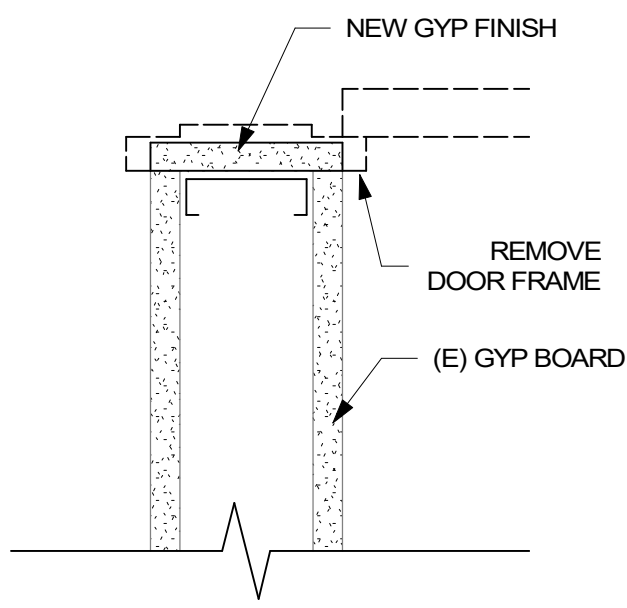
1 DOOR JAMB TYP  
3" = 1'-0"



2 TRANSOM HEADER (SIM @ DOOR JAMB)  
3" = 1'-0"

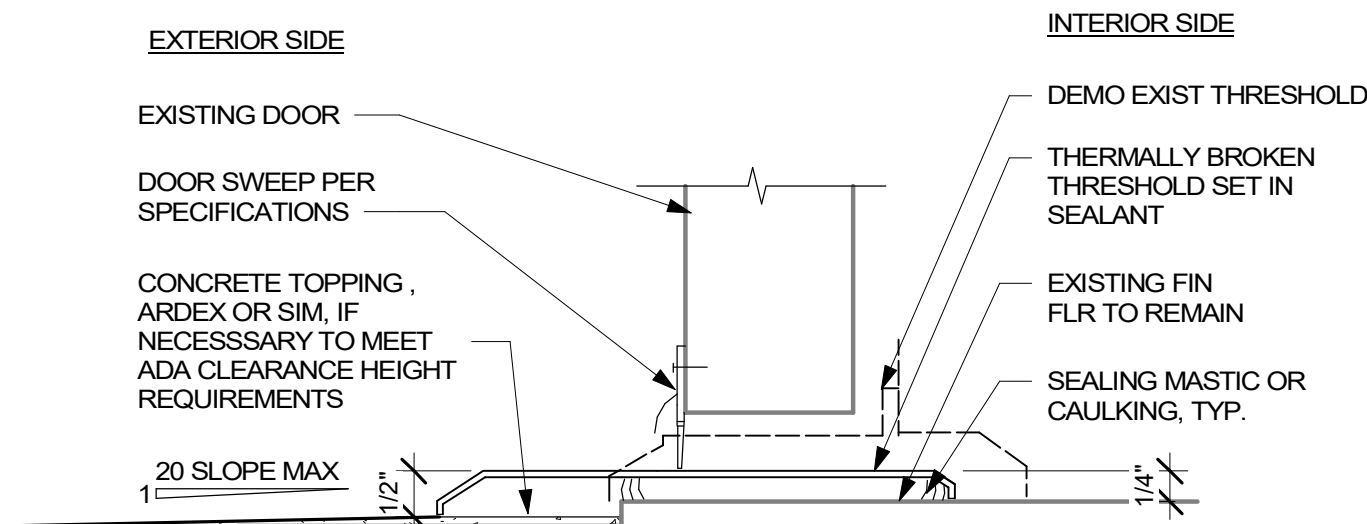


3 STOREFRONT HEAD (SIM. @ JAMB)  
3" = 1'-0"

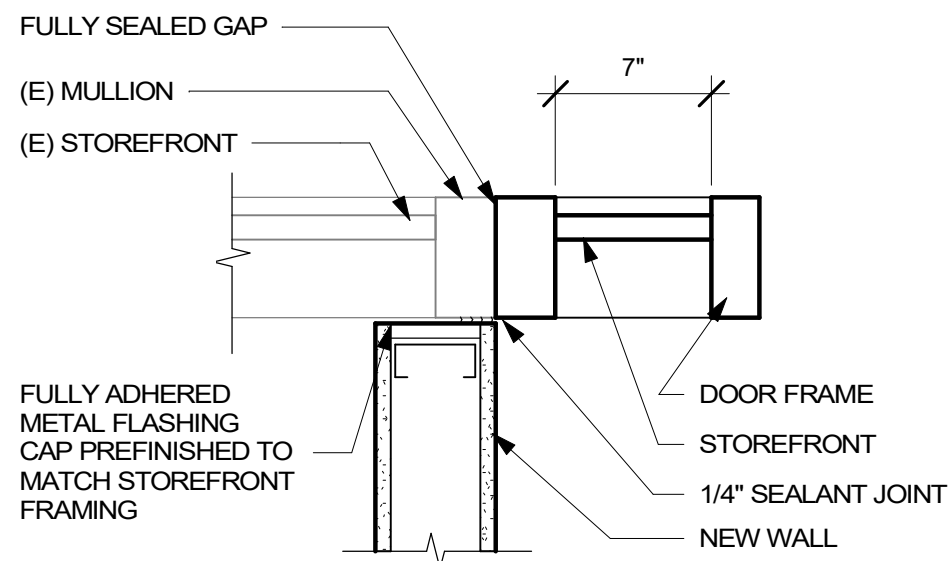


4 DOOR JAMB FINISH  
1 1/2" = 1'-0"

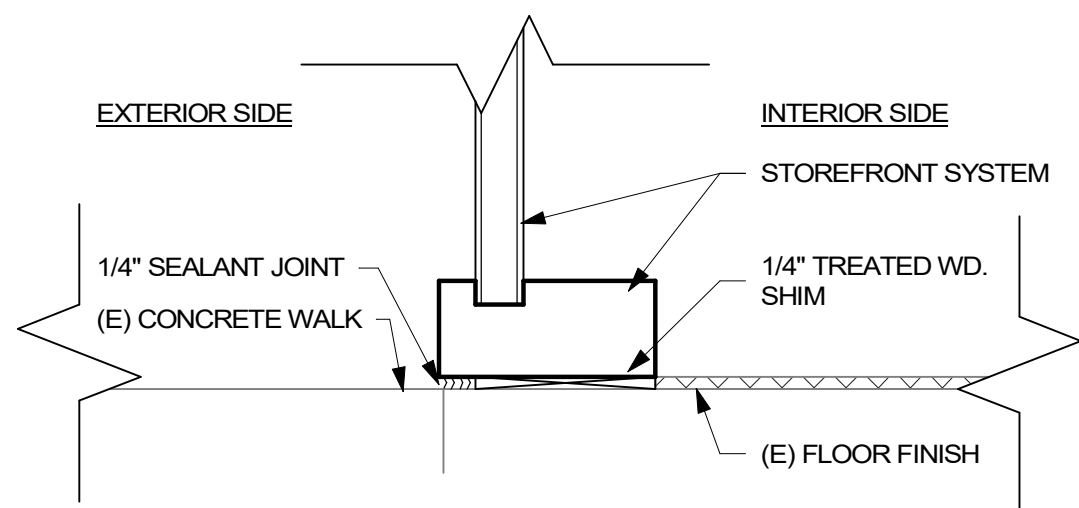
CONTRACTOR TO VERIFY EXISTING DOOR CLEARANCE WHEN REPLACING THRESHOLD. VERIFY NEW DOOR SWEEP WILL FUNCTION PROPERLY AND NEW THRESHOLD WILL MEET ADA REQUIREMENTS.



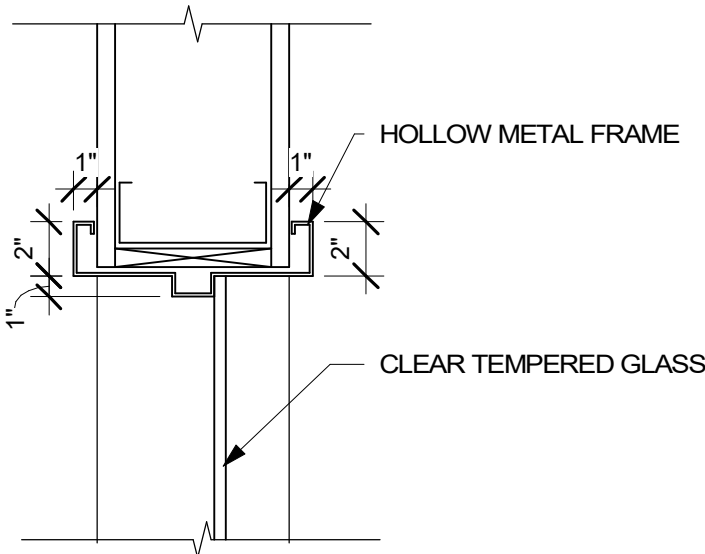
5 DOOR BOTTOM AND THRESHOLD  
6" = 1'-0"



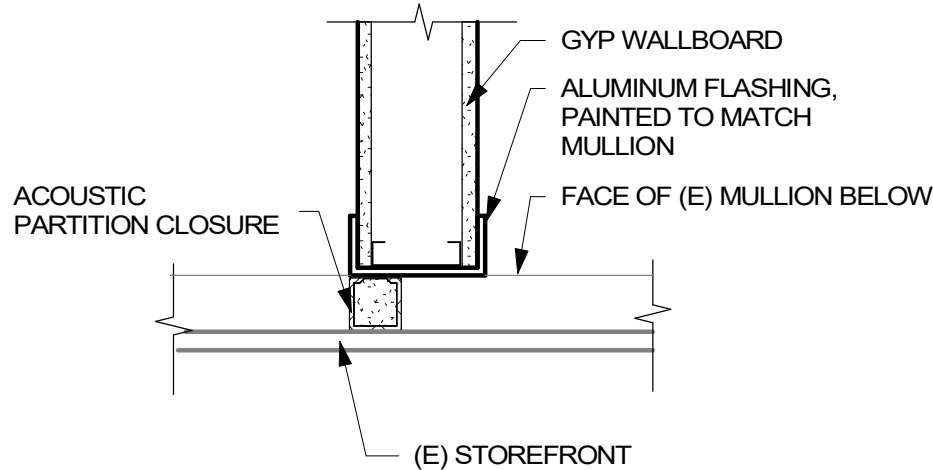
6 WALL TO VESTIBULE STOREFRONT CONNECTION  
1 1/2" = 1'-0"



7 STOREFRONT SILL  
3" = 1'-0"



8 HM WINDOW  
1 1/2" = 1'-0"



9 QUIETJOINT AT GYP WALL TO GLASS  
1 1/2" = 1'-0"

#### DETAILS PER SCHOOL

SOME DETAILS APPLY TO SPECIFIC SCHOOLS. SEE LIST BELOW

ELMONICA	ERROL HASSELL	GREENWAY
1/A.9	1/A.9	1/A.9
2/A.9	2/A.9	2/A.9
3/A.9	3/A.9	3/A.9
4/A.9	5/A.9	5/A.9
5/A.9	6/A.9	6/A.9
6/A.9	7/A.9	7/A.9
7/A.9	8/A.9	8/A.9
8/A.9		9/A.9



# 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.

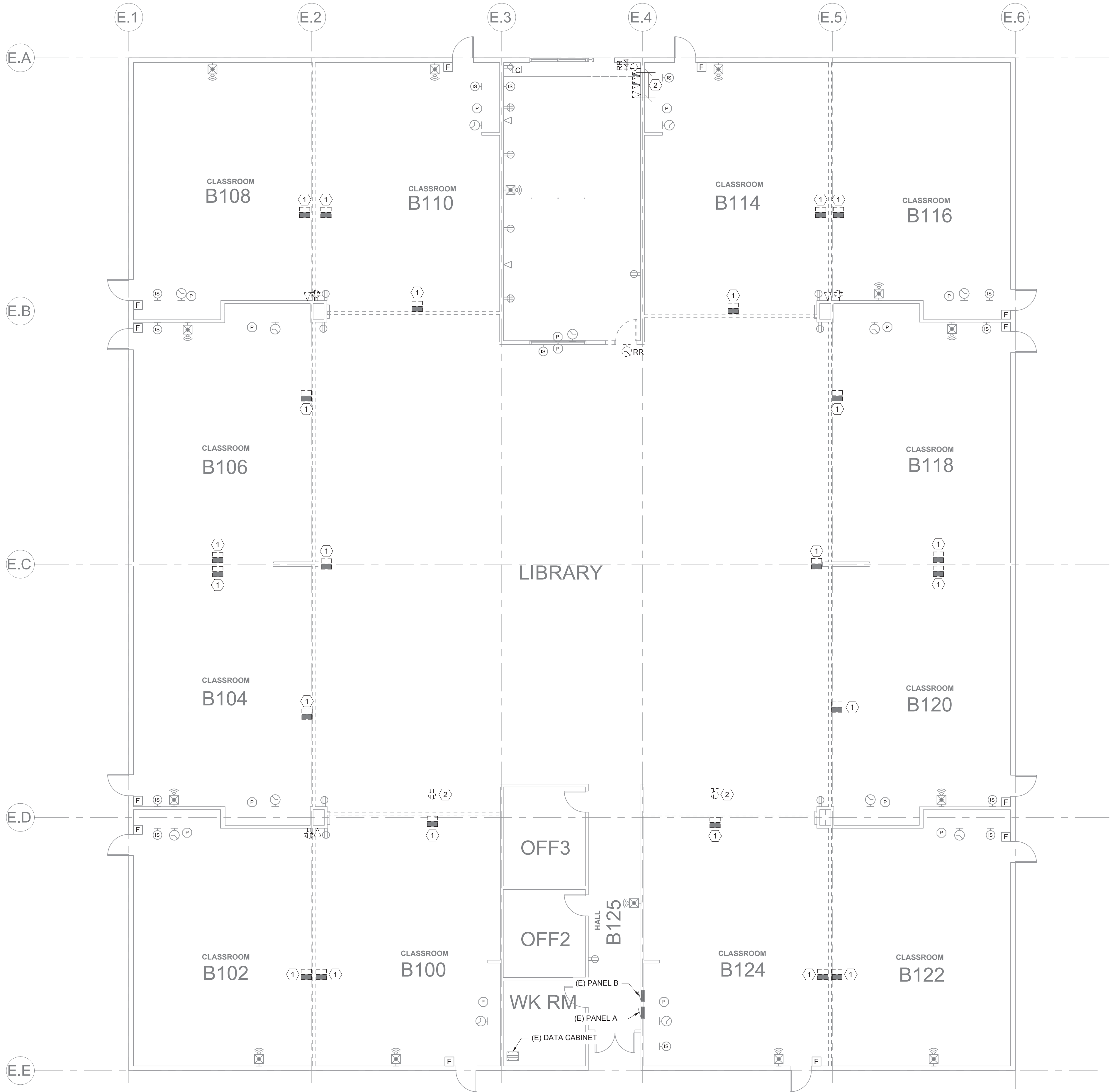
## Fire Alarm

	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 SHEET E.E2.
2. CONTRACTOR SHALL DEMOLISH EXISTING CEILING RECEPTACLE. EXISTING BRANCH CIRCUIT FOR POWER SHALL BE REUSED IN NEW WALL. SEE SHEET E.E2.
3. REMOVE EXISTING CABLES BACK TO SOURCE. INSTALL BLANK STAINLESS STEEL FACEPLATE ON EMPTY BOX.

CONVERGENCE ARCHITECTURE

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REGISTERED PROFESSIONAL ENGINEER  
86683  
Digital Signature  
OREGON  
MAY 08, 2012  
BENJAMIN E. PERRY  
EXPIRES: 12-31-2022

BEAVERTON SCHOOL DISTRICT  
SECURITY UPGRADES  
ELMONICA ELEMENTARY SCHOOL  
16950 SW LISA CT.  
BEAVERTON, OR 97006  
BID/PERMIT SET

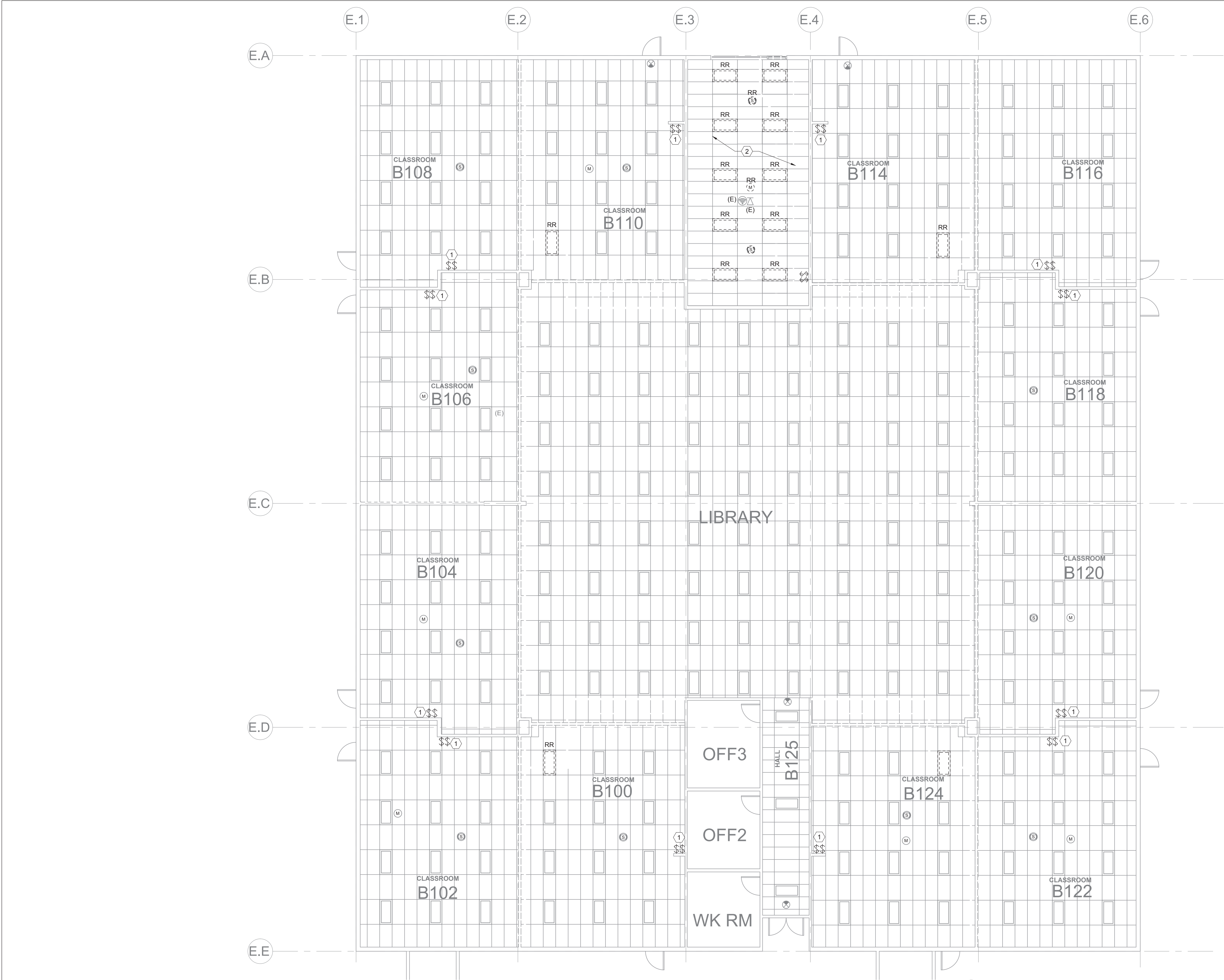
Date: 12/10/2021  
Project #: 4008  
Drawn by: SR  
Checked by: BP

Revisions:

ELMONICA ELECTRICAL DEMOLITION FLOOR PLAN - A

E.ED2





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 SHEET E.E3 FOR INSTALLATION OF NEW 3-WAY SWITCHES.
2. LUMINAIRES IN THIS ROOM SHALL BE RELOCATED AND RE-USED. REMOVE LIGHTING BRANCH CIRCUIT CONDUIT AND WIRING IN THIS ROOM TO NEAREST JUNCTION OUTSIDE OF THIS ROOM.

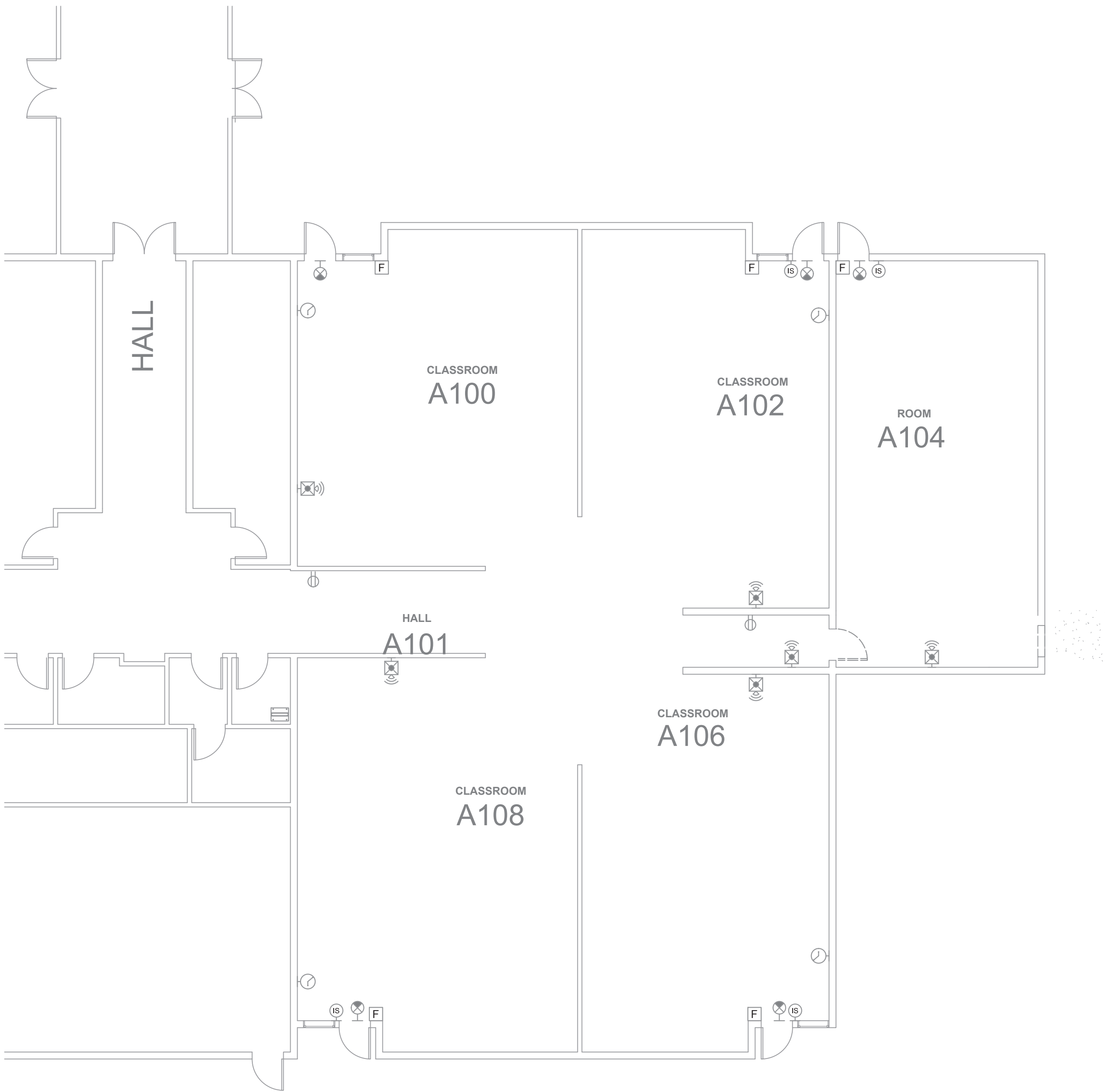


GENERAL SHEET NOTES

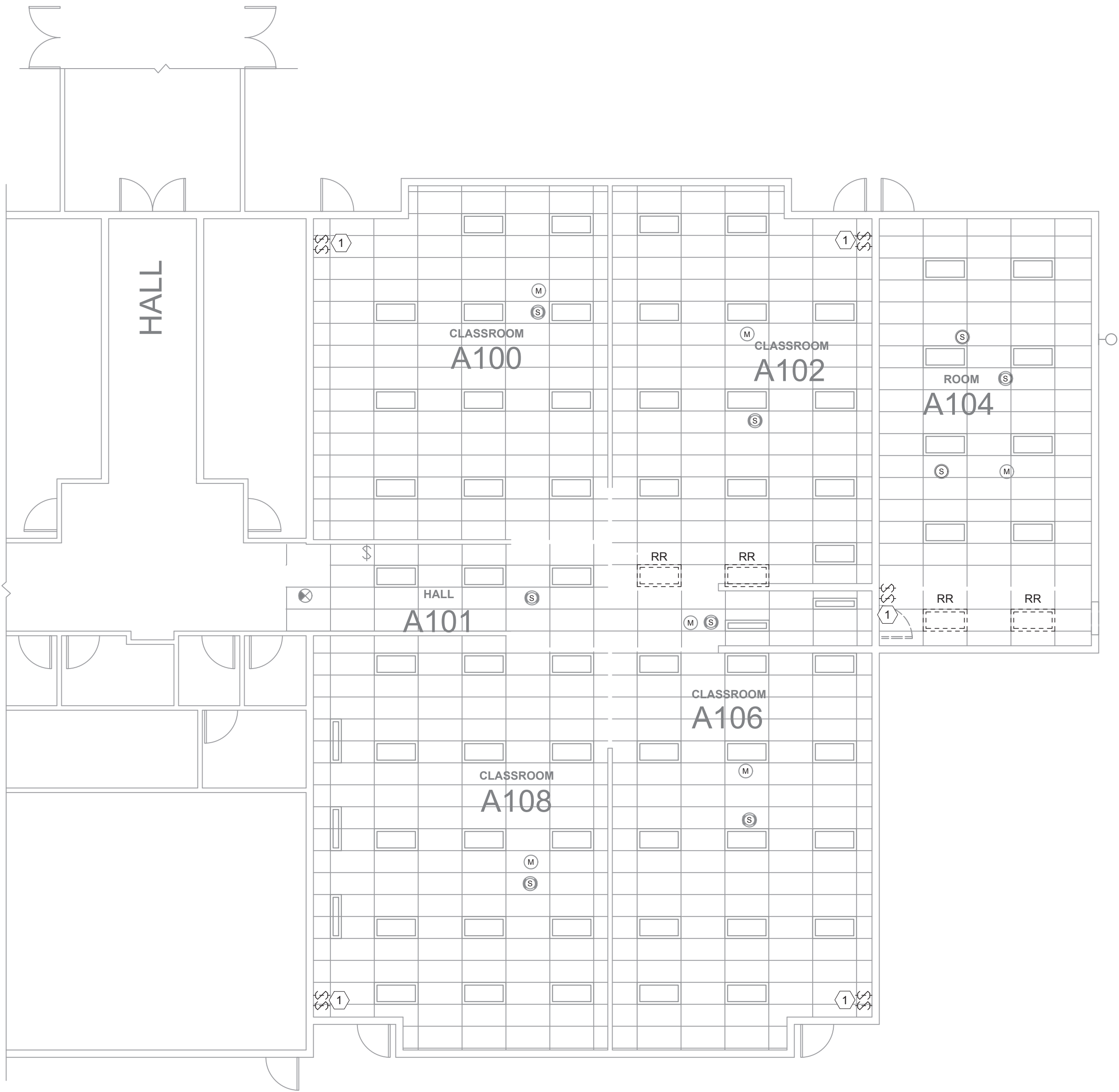
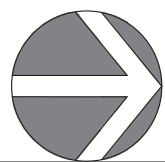
1. SEE DRAWING E.1 FOR ABBREVIATIONS AND SYMBOL LEGEND.

SHEET KEY NOTES

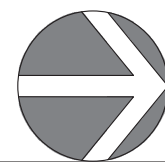
1. REMOVE EXISTING SINGLE POLE LIGHT SWITCHES AS SHOWN. SEE SHEET E.E4 FOR INSTALLATION OF NEW 3-WAY SWITCHES.



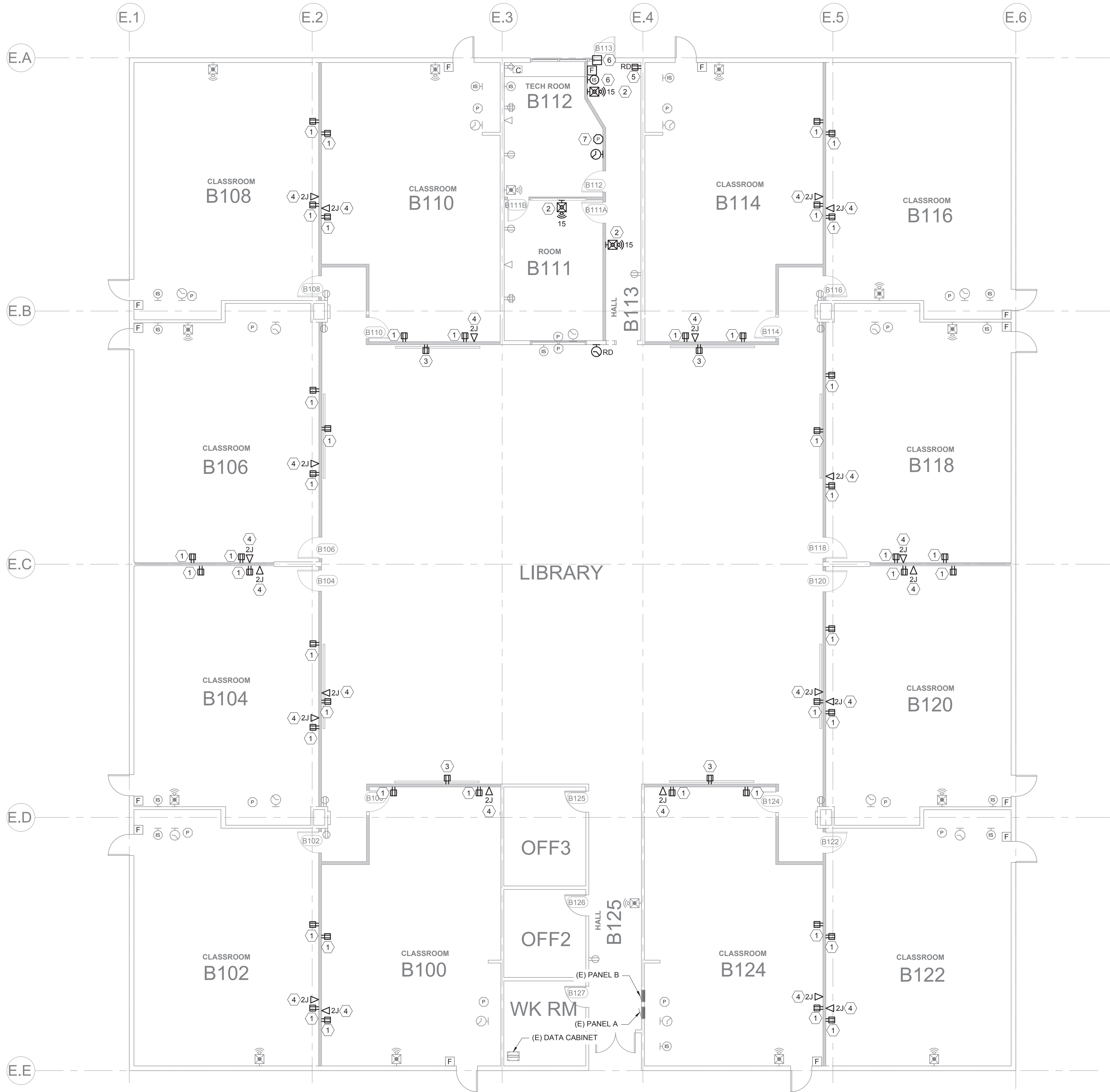
1 ELMONICA ELECTRICAL DEMOLITION FLOOR PLAN - B  
SCALE: 1/8" = 1'-0"



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







- GENERAL SHEET NOTES
1.

SEE DRAWING E.1 FOR ABBREVIATIONS AND SYMBOL LEGEND.
2.

ALL INTRUSION SENSORS SHALL BE MOUNTED AT AN ELEVATION TO MATCH THE EXISTING SENSORS IN THIS BUILDING.
3.

ALL PAGING DEVICES AND CLOCKS SHALL BE MOUNTED AN ELEVATION TO MATCH THE EXISTING PAGING DEVICES AND CLOCKS IN THIS BUILDING.

- SHEET KEY NOTES
1.

CONTRACTOR SHALL UTILIZE AND EXTEND CONDUIT AND WIRE, LEFT FROM DEMOLISHED POWER POLE TO NEW RECEPTACLE.
2.

INSTALL NEW FIRE ALARM STROBE IN NEW WALL. COORDINATE EXACT CONNECTION REQUIREMENTS WITH SIMPLEX.
3.

CONTRACTOR SHALL UTILIZE AND EXTEND WIRE LEFT FROM DEMOLISHED CEILING RECEPTACLE TO NEW RECEPTACLE.
4.

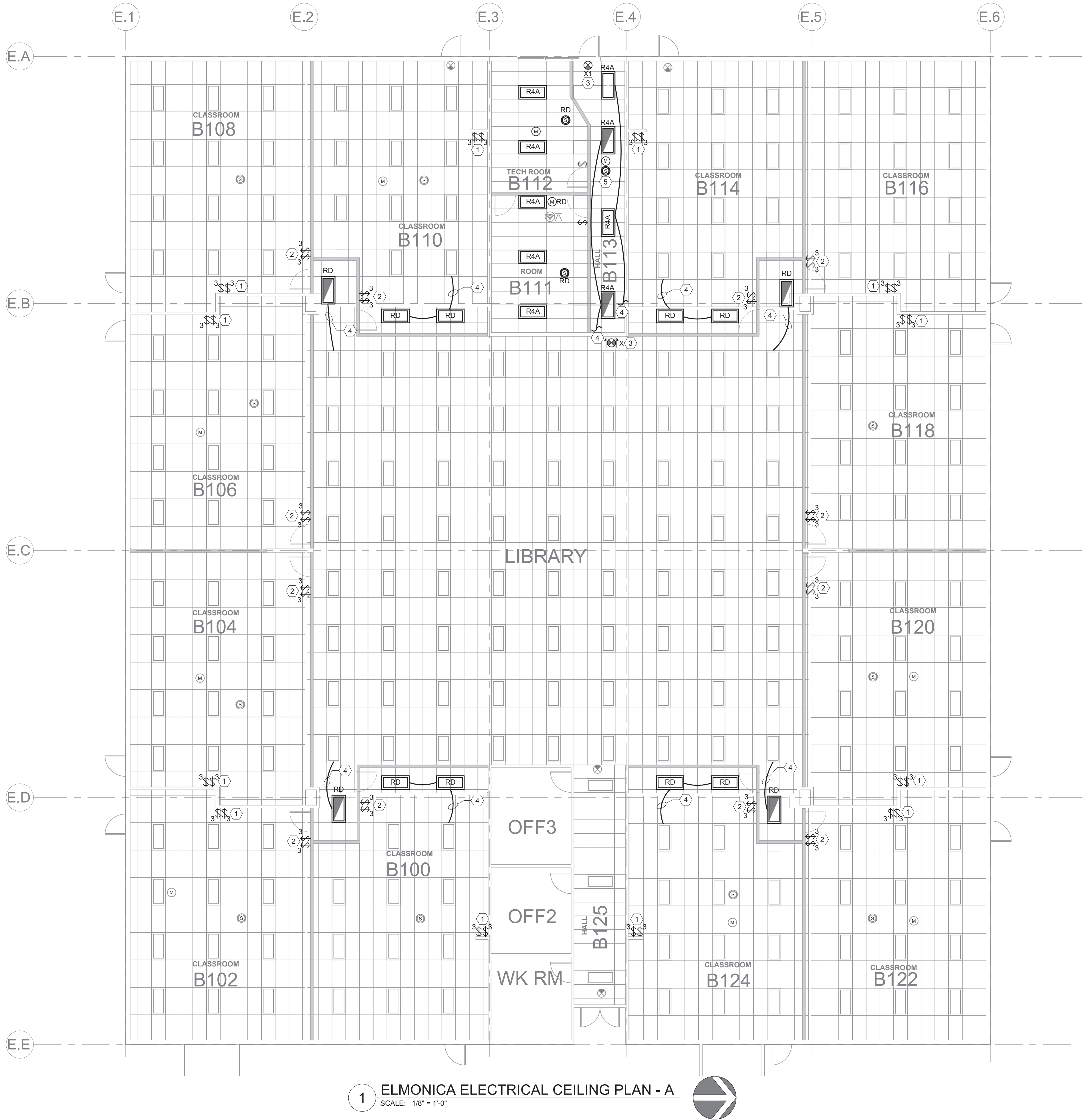
CONTRACTOR SHALL UTILIZE AND EXTEND HORIZONTAL CABLES, LEFT FROM DEMOLISHED POWER POLE TO NEW DATA RECEPTACLE.
5.

RECEPTACLE SHALL BE INSTALLED SURFACE MOUNTED AT 18" AFF.
6.

INTRUSION SENSOR AND DOOR CONTACT SHALL BE WIRED TO THE EXISTING INTRUSION ZONE IN THIS BUILDING. INTERCEPT AND EXTEND THE EXISTING INTRUSION CIRCUIT. FIELD VERIFY EXACT LOCATION OF NEAREST INTRUSION CIRCUIT JUNCTION BOX.
7.

PROVIDE HOME CABLING FOR PAGING SYSTEM TO EXISTING DATA CABINET IN WORK ROOM B127.





- GENERAL SHEET NOTES
1.

SEE DRAWING E.1 FOR ABBREVIATIONS AND SYMBOL LEGEND.
2.

WIRE EXIT SIGNS TO LOCAL LIGHTING BRANCH CIRCUIT AHEAD OF ALL SWITCHING.
3.

SEE DRAWING E.E4 FOR NEW LUMINAIRE INFORMATION.
- SHEET KEY NOTES

1.

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.

2.

INSTALL NEW 3-WAY SWITCHES.

3.

CONTRACTOR SHALL CONNECT NEW EXIT FIXTURE TO EXISTING NON-SWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT.CONTRACTOR SHALL WIRE EMERGENCY LIGHT FIXTURES TO EXISTING EMERGENCY CIRCUIT.

4.

CONTRACTOR SHALL WIRE LIGHT FIXTURES TO EXISTING LIGHTING BRANCH CIRCUIT.

5.

INSTALL NEW SMOKE DETECTOR IN CEILING. COORDINATE EXACT CONNECTION REQUIREMENTS WITH SIMPLEX.

1

ELMONICA ELECTRICAL CEILING PLAN - A

SCALE: 1/8" = 1'-0"

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REGISTERED PROFESSIONAL ENGINEER

86683

Digital Signature

OREGON

MAY 08, 2012

BENJAMIN E. PERRY

EXPIRES: 12-31-2022

BEAVERTON SCHOOL DISTRICT

SECURITY UPGRADES

ELMONICA ELEMENTARY SCHOOL  
16950 SW LISA CT,  
BEAVERTON, OR 97006

BID/PERMIT SET

Date: 12/10/2021

Project #: 4008

Drawn by: SR

Checked by: BP

Revisions:

ELMONICA ELECTRICAL CEILING PLAN - A

E.E3



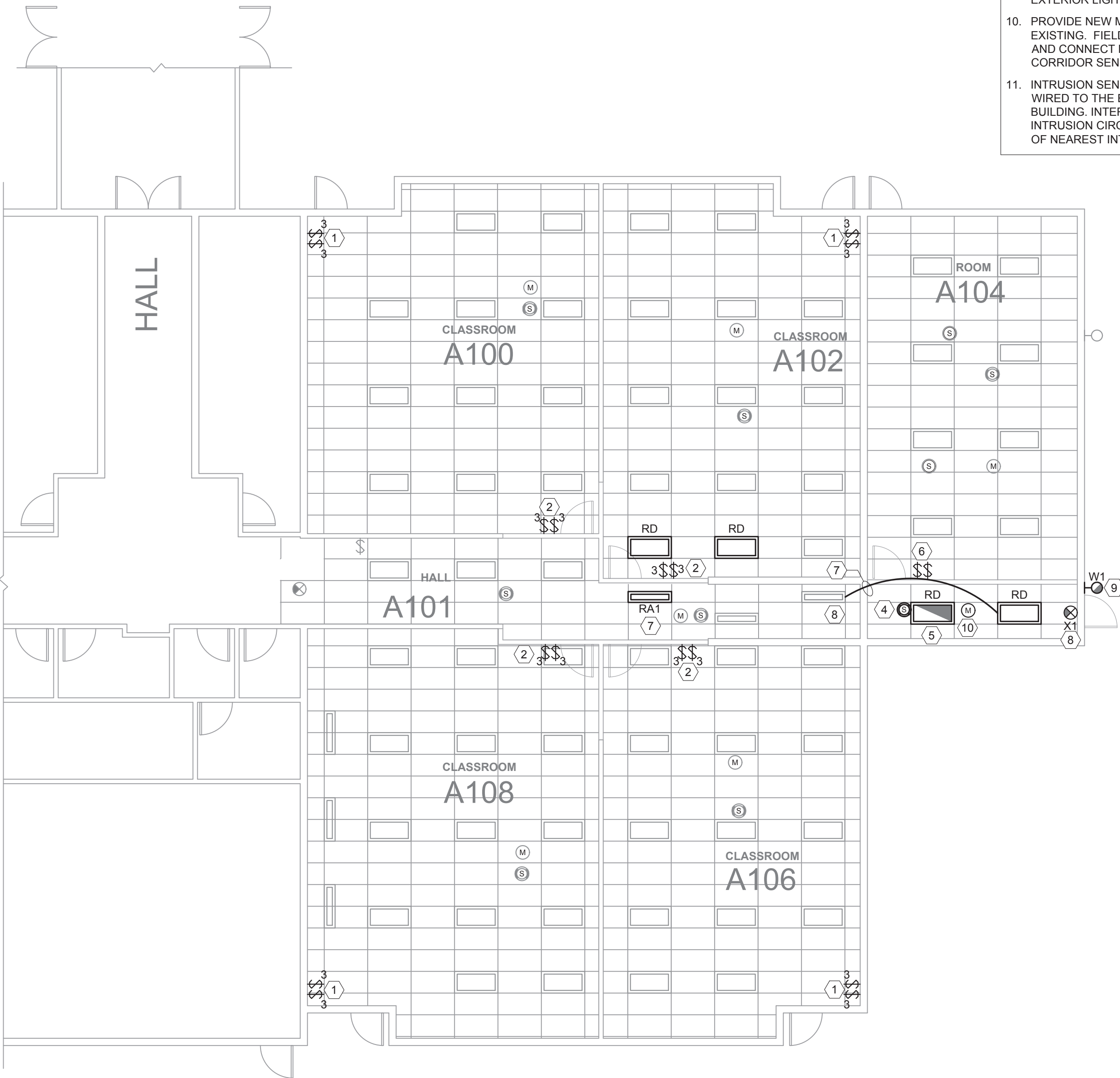
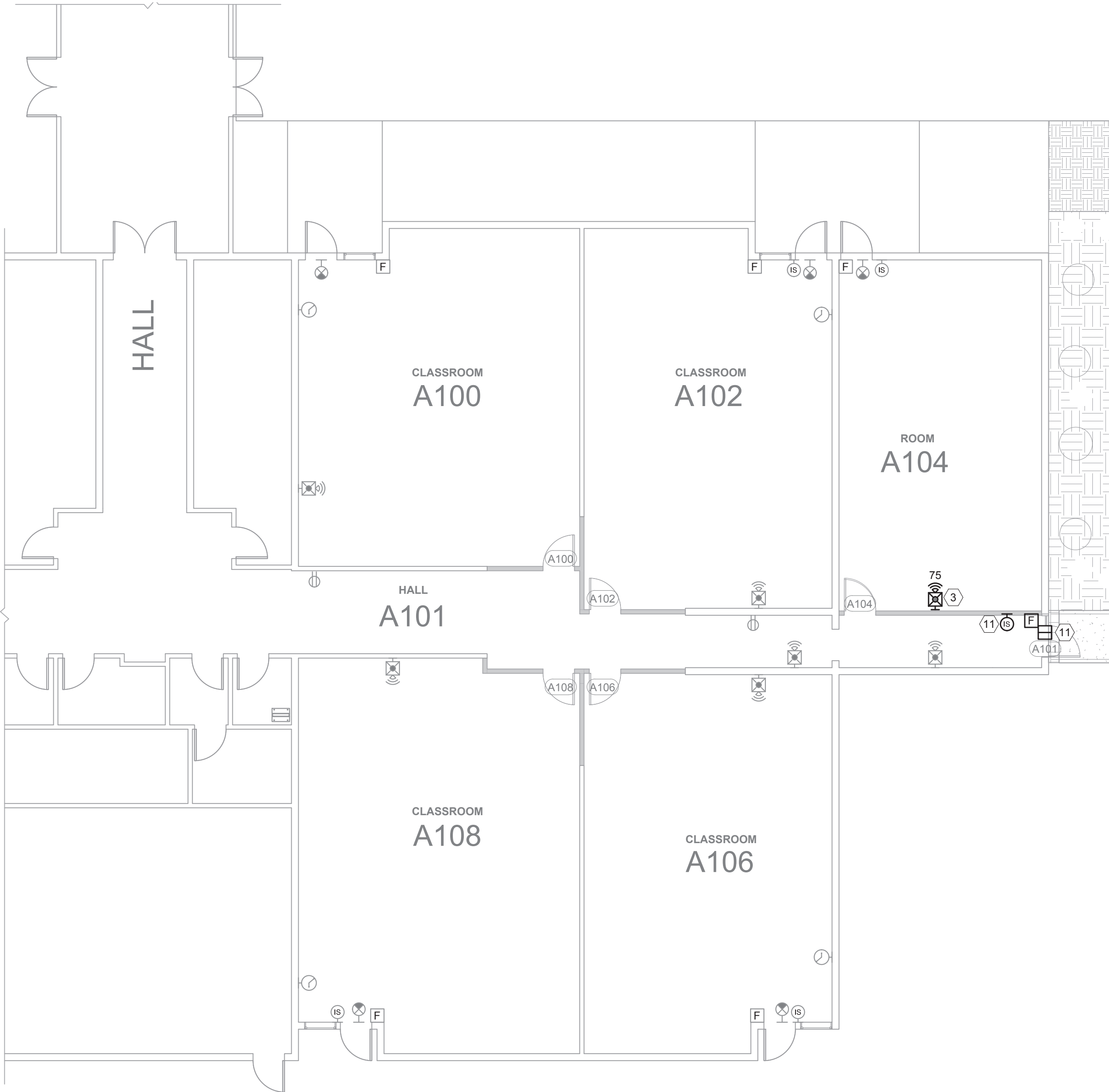
INTERIOR LUMINAIRE SCHEDULE												
FIXTURE NO.	DESCRIPTION	LAMP TYPE	LUMENS (MINIMUM)	CRI	COLOR TEMP.	DRIVER	EMERGENCY DRIVER	INTEGRAL MOTION/PHOTO SENSOR	VOLTS	LOAD	MFR.	MODEL NUMBER
RA1	48"L x 12"W x 4-1/2"D RECESSED PARABLOIC TROFFER, COLD-ROLLED STEEL HOUSING, BAKED WHITE FINISH.	(2) - F32T8	-	-	-	ELECTRONIC	NO	NO	UNV	32 WATTS	LITHONIA	PM3N SERIES
RA4	48"L x 24"W x 2"D RECESSED LUMINAIRE ALUMINUM FRAME, WITH STAIN WHITE LENS.	LED	3000 LM	80	4000K	STANDARD 0-10V	NO	NO	UNV	37 WATTS	LITHONIA	EPANL SERIES
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.	LED	N/A	N/A	N/A	N/A	N/A	N/A	UNV	1 WATT	SURE-LITE	LPX SERIES
W1	7-1/2"L x 5-1/4"D x 8"H WALL MOUNTED LUMINAIRE, DIE-CAST ALUMINUM HOUSING, FULL CUT OFF, FULL CUT OFF LENS, POLYESTER POWDER COAT PAINT, WITH CABRON BRONZE FINISH.	LED	1,800 LM	80	4000K	STANDARD	NO	NO	UNV	14 WATT	LUMARK	AXCENT SERIES

GENERAL SHEET NOTES

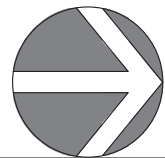
- SEE DRAWING E.1 FOR ABBREVIATIONS AND SYMBOL LEGEND.
- WIRE EXIT SIGNS TO LOCAL LIGHTING BRANCH CIRCUIT AHEAD OF ALL SWITCHING.
- ALL INTRUSION SENSORS SHALL BE MOUNTED AT AN ELEVATION TO MATCH THE EXISTING SENSORS IN THIS BUILDING.

SHEET KEY NOTES

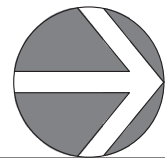
- PROVIDE NEW 3-WAY SWITCHES AND INSTALL IN EXISTING WALL BOX. RE-WIRE EXISTING LIGHTING FIXTURES IN ROOM FOR 3-WAY SWITCHING FUNCTION. MAINTAIN EXISTING SWITCHING SCHEME.
- INSTALL NEW 3-WAY SWITCHES.
- INSTALL NEW FIRE ALARM STROBE IN NEW WALL. COORDINATE EXACT CONNECTION REQUIREMENTS WITH SIMPLEX.
- INSTALL NEW FIRE ALARM SMOKE DETECTOR IN EXISTING CEILING. COORDINATE EXACT CONNECTION REQUIREMENTS WITH SIMPLEX.
- CONTRACTOR SHALL WIRE EMERGENCY LIGHT FIXTURES TO EXISTING EMERGENCY CIRCUIT.
- PROVIDE NEW SINGLE POLE WALL SWITCH AS SHOWN AND CONNECT TO EXISTING LIGHT FIXTURES IN ROOM.
- CONTRACTOR SHALL CONNECT NEW LIGHT TO NEAREST EXISTING CORRIDOR LIGHTING BRANCH CIRCUIT.
- CONTRACTOR SHALL CONNECT NEW EXIT FIXTURE TO NEAREST EXISTING NON-SWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT.
- CONTRACT SHALL CONNECT NEW EXTERIOR FIXTURE TO NEAREST EXISTING EMERGENCY EXTERIOR LIGHTING BRANCH CIRCUIT.
- PROVIDE NEW MOTION SENSOR TO MATCH EXISTING. FIELD VERIFY EXACT WIRING REQUIRED AND CONNECT NEW MOTION SENSOR TO EXISTING CORRIDOR SENSORS.
- INTRUSION SENSOR AND DOOR CONTACT SHALL BE WIRED TO THE EXISTING INTRUSION ZONE IN THIS BUILDING. INTERCEPT AND EXTEND THE EXISTING INTRUSION CIRCUIT. FIELD VERIFY EXACT LOCATION OF NEAREST INTRUSION CIRCUIT JUNCTION BOX.



1 ELMONICA ELECTRICAL FLOOR PLAN - B  
SCALE: 1/8" = 1'-0"



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





# SECURITY UPGRADES

## ERROL HASSELL ELEMENTARY SCHOOL

18100 SW BANY RD, BEAVERTON, OR 97007

### CONTACT INFORMATION

OWNER:	BEAVERTON SCHOOL DISTRICT 16550 SW MERLO RD BEAVERTON, OR 97003
CLIENT CONTACT:	MEGAN FINCH, PROJECT MANAGER 16550 SW MERLO RD BEAVERTON, OR 97003 503-358-4318 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

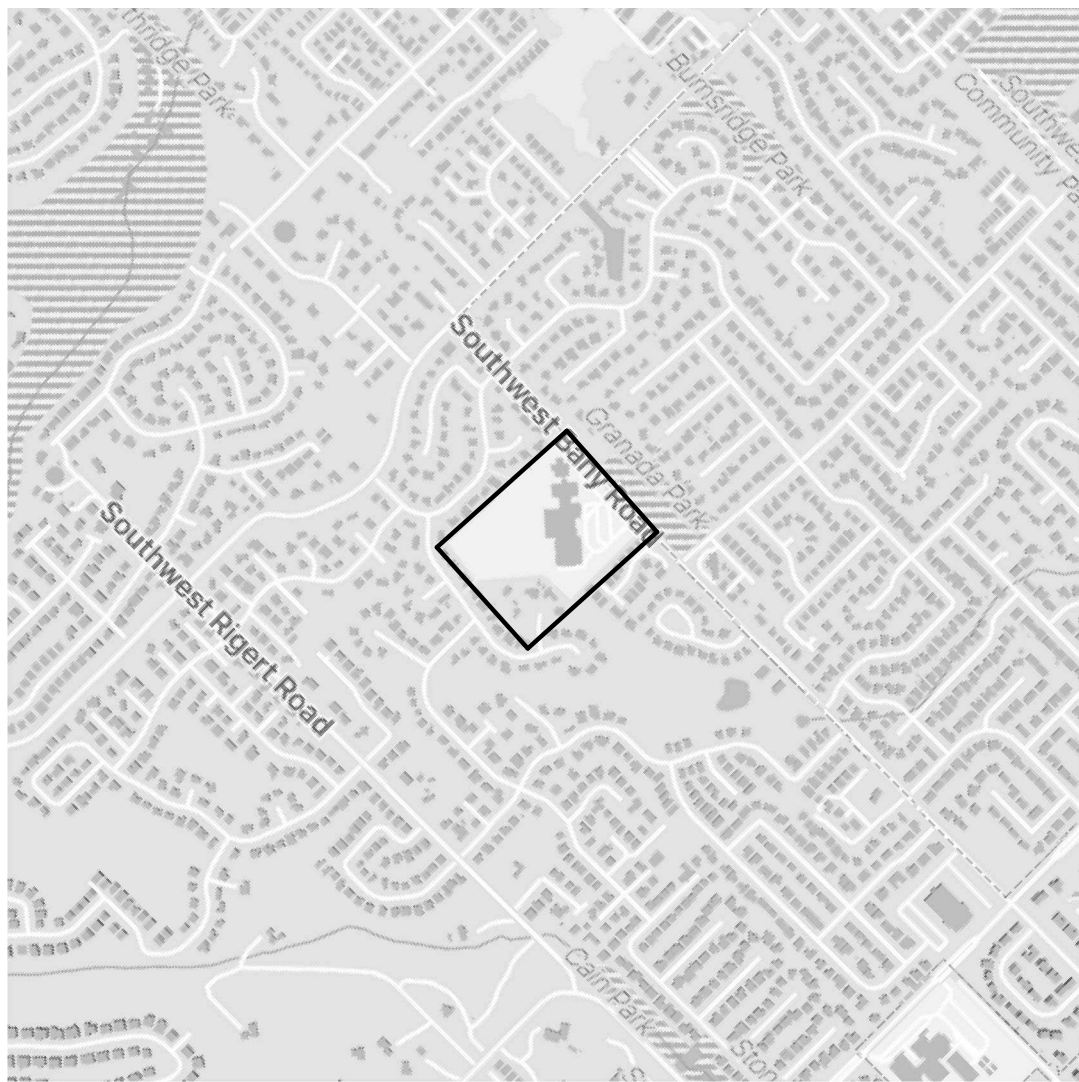
ADDING SECURE WALLS AND DOORS TO EACH OF THE CLASSROOM SPACES IDENTIFIED IN PROJECT SCOPE. MAINTAIN OR IMPROVE PATHS OF EGRESS AS REQUIRED BY CODE.

### GENERAL NOTES

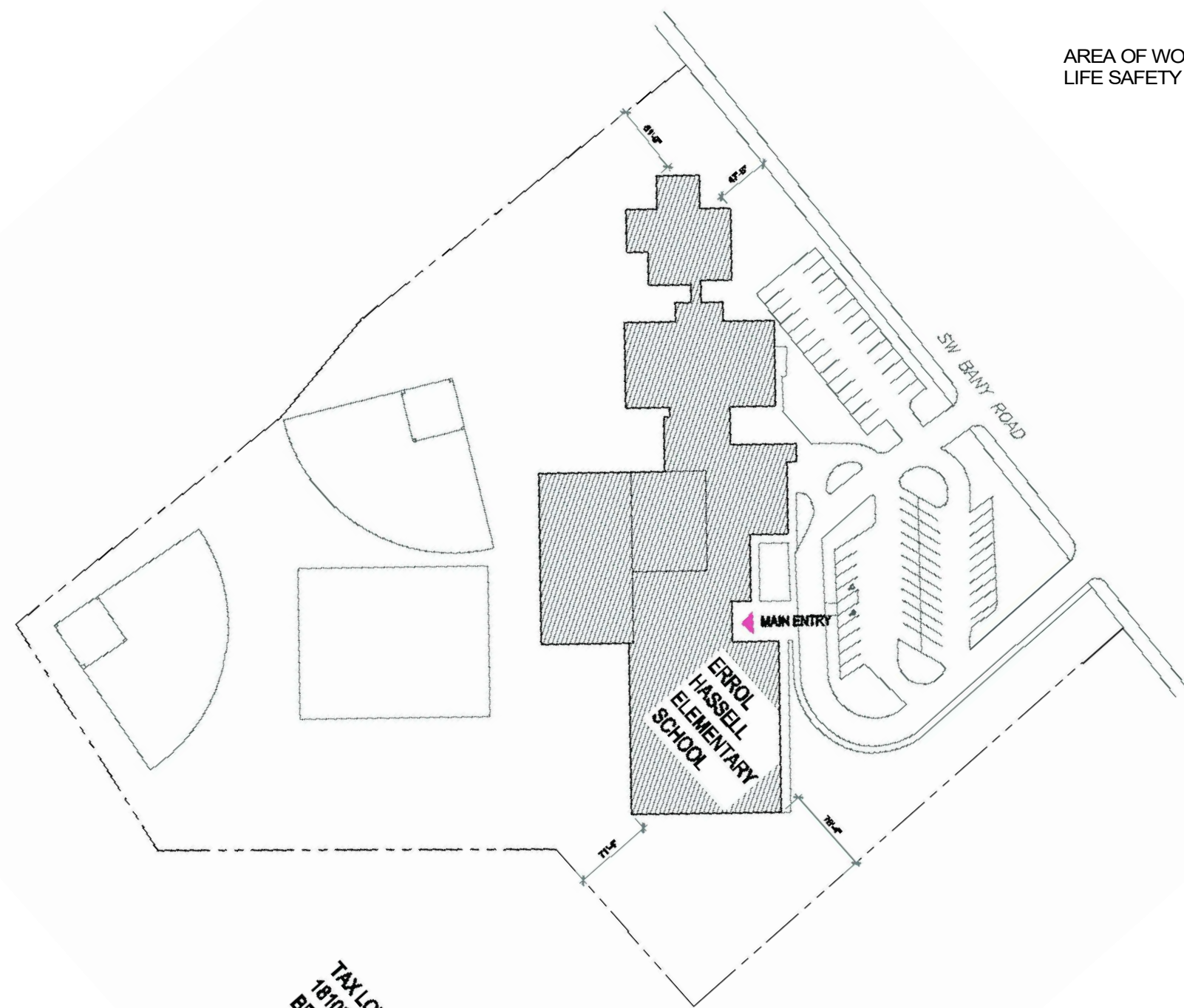
- THE INTENT OF THE CONTRACT DOCUMENTS IS THAT THE WORK SHALL CONFORM TO THE APPLICABLE CODES, REGULATIONS, AND ORDINANCES HAVING JURISDICTION. IF THE CONTRACTOR BELIEVES THAT ANY EXISTING CONDITIONS OR CONDITIONS CREATED BY THE PERFORMANCE OF THE WORK IS NON-COMPLIANT WITH THE LAW, THE CONTRACTOR SHALL 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 RELATED 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 DESIGNBUILD.
- ELECTRICAL SHEETS FOR REFERENCE ONLY, AN ELECTRICAL PERMIT TO BE APPLIED FOR BY THE TRADE.

### SHEET INDEX - EH

EH.A0	COVER SHEET
EH.A0.1	CODE REVIEW
EH.A1	ACCESSIBILITY IMPROVEMENTS
EH.A2a	FLOOR PLAN A
EH.A2b	FLOOR PLAN B
EH.A3	INTERIOR ELEVATIONS, SCHEDULES
E.A4	REFLECTED CEILING PLANS
A.8	GENERAL DETAILS
A.9	DOOR AND WINDOW DETAILS
E.1	ELECTRICAL LEGEND
EH.ED2	ELECTRICAL DEMOLITION FLOOR PLAN - A
EH.ED3	ELECTRICAL CEILING DEMOLITION PLAN - A
EH.ED4	ELECTRICAL DEMOLITION FLOOR PLAN - B
EH.ED5	ELECTRICAL CEILING DEMOLITION PLAN - B
EH.E2	ELECTRICAL FLOOR PLAN - A
EH.E3	ELECTRICAL CEILING PLAN - A
EH.E4	ELECTRICAL FLOOR PLAN - B
EH.E5	ELECTRICAL CEILING PLAN - B



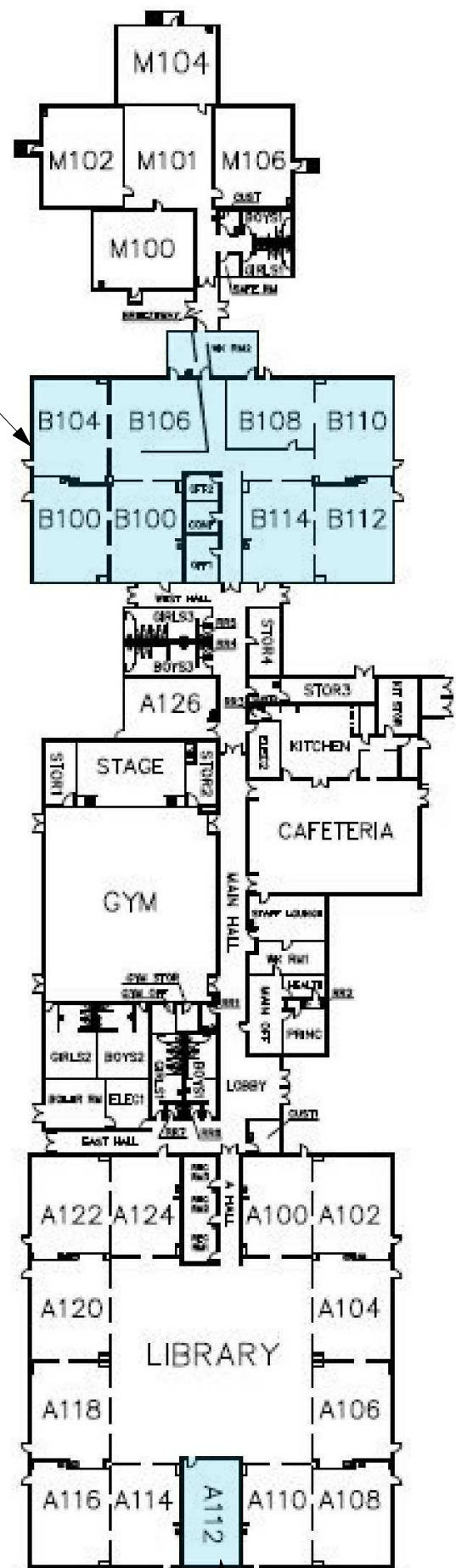
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NTS - FOR REFERENCE ONLY



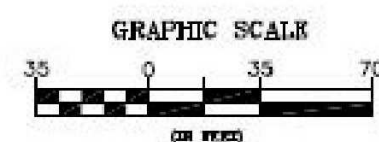
2 SITE PLAN  
NTS - FOR REFERENCE ONLY



AREA OF WORK  
LIFE SAFETY PLAN A



3 OVERALL FLOOR 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	AUDIOVISUAL	MTL	METAL
DF	DRINKING FOUNTAIN		
		NIC	NOT IN CONTRACT
CB	CIRCUIT BREAKER	OPER	OPERATOR/OPERABLE
CKT	CIRCUIT	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
CLG	CEILING	OFOI	OWNER FURNISHED OWNER INSTALLED
CLR	CLEAR	PB	PULLBOX
CM	CEILING MOUNTED	PLYWD	PLYWOOD
COMM	COMMUNICATIONS	P LAM	PLASTIC LAMINATE
CTRL	CONTROL	PNL	PANEL, PANELBOARD
CU	COPPER	POS	POSITION/POINT OF SALE
		PR	PAIR
D	DATA	PT	PRESSURE TREATED
DED	DEDICATED	RCP	REFLECTED CEILING PLAN
DEV	DEVICE	RECEPT	RECEPTACLE
DIST	DISTANCE	REF	REFERENCE
DN	DOWN		
EWC	ELECTRIC WATER COOLER	SF	SQUARE FEET, SQUARE FOOT
(E), EXIST	EXISTING	SLV	SLEEVE
FA	FIRE ALARM	SPECS	SPECIFICATIONS
FB	FLOOR BOX	SW	SWITCH
FE	FIRE EXTINGUISHER		
FEC	FIRE EXTINGUISHER CABINET	TELECOM	TELECOMMUNICATIONS
FIN FLR	FINISH FLOOR	TV	TELEVISION
FLR	FLOOR	TYP	TYPICAL
FOC	FACE OF COLUMN		
		UF	UNDER FLOOR
G,GND	GROUND	UG	UNDER GROUND
GA	GAUGE	UON	UNLESS OTHERWISE NOTED
GALV	GALVANIZED	V	VOLT OR VOICE
GB	GRAB BAR	VIF	VERIFY IN FIELD
GFI,GFCI	GROUND FAULT CIRCUIT INTERRUPTER		
GYP BD	GYPSONUM BOARD	WAP	WIRELESS ACCESS POINT
		WD	WOOD
		WP	WEATHERPROOF
		XFMR	TRANSFORMER



OCCUPANCY CLASSIFICATION	
ASSEMBLY	A-3
AREA	528
OLF	15
OCC	36

FIRE EXTINGUISHER AS NOTED  
 FIRE EXTINGUISHER CABINET AS NOTED  
 74 OCCUPANT EGRESS LOAD AT DOOR  
 EXIT SIGN

1 HOUR FIRE BARRIER  
 2 HOUR FIRE BARRIER  
 3 HOUR FIRE BARRIER  
 4 HOUR FIRE BARRIER

BUILDING/AREA DIAGONAL  
 EXIT SEPARATION DISTANCE (1/3rd BLDG/AREA DIAGONAL MAX)  
 EATD EXIT ACCESS TRAVEL DISTANCE (E = 200' MAX)  
 CPET COMMON PATH OF EGRESS TRAVEL (INCLUDED IN EATD) (E = 75' MAX)



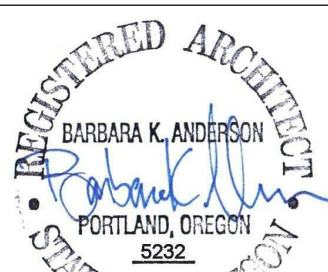
## 2 LIFE SAFETY PLAN A



**CONVERGENCE**  
**ARCHITECTURE**

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ASSSEL ELEMENTARY SCHOOL  
18100 SW BANY RD,  
BEAVERTON, OR 97007

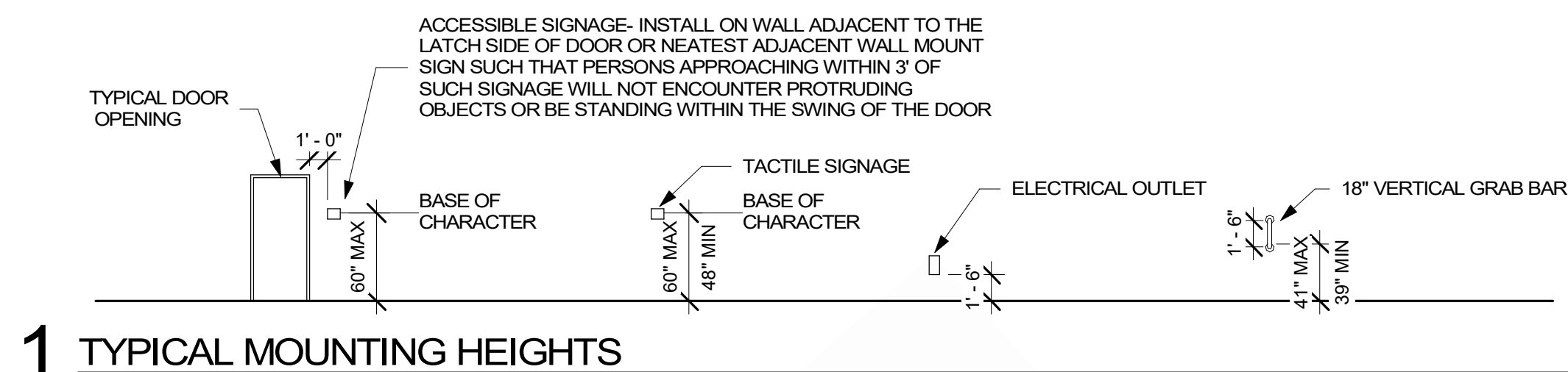
Date: 12/10/2021  
Project #: 4008  
Drawn by: GS  
Checked by: CGK

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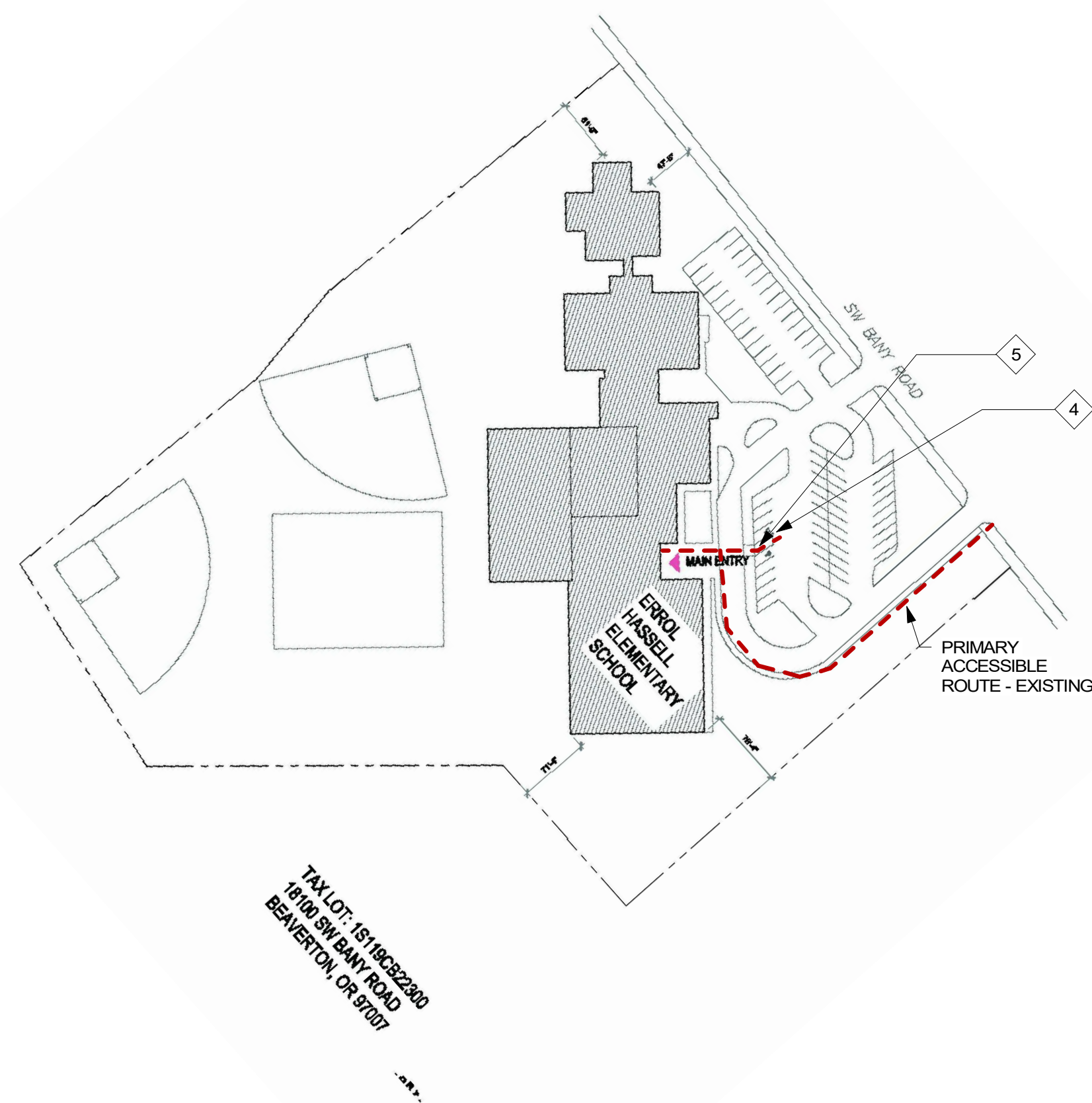
Revisions:

# EH.A0.1

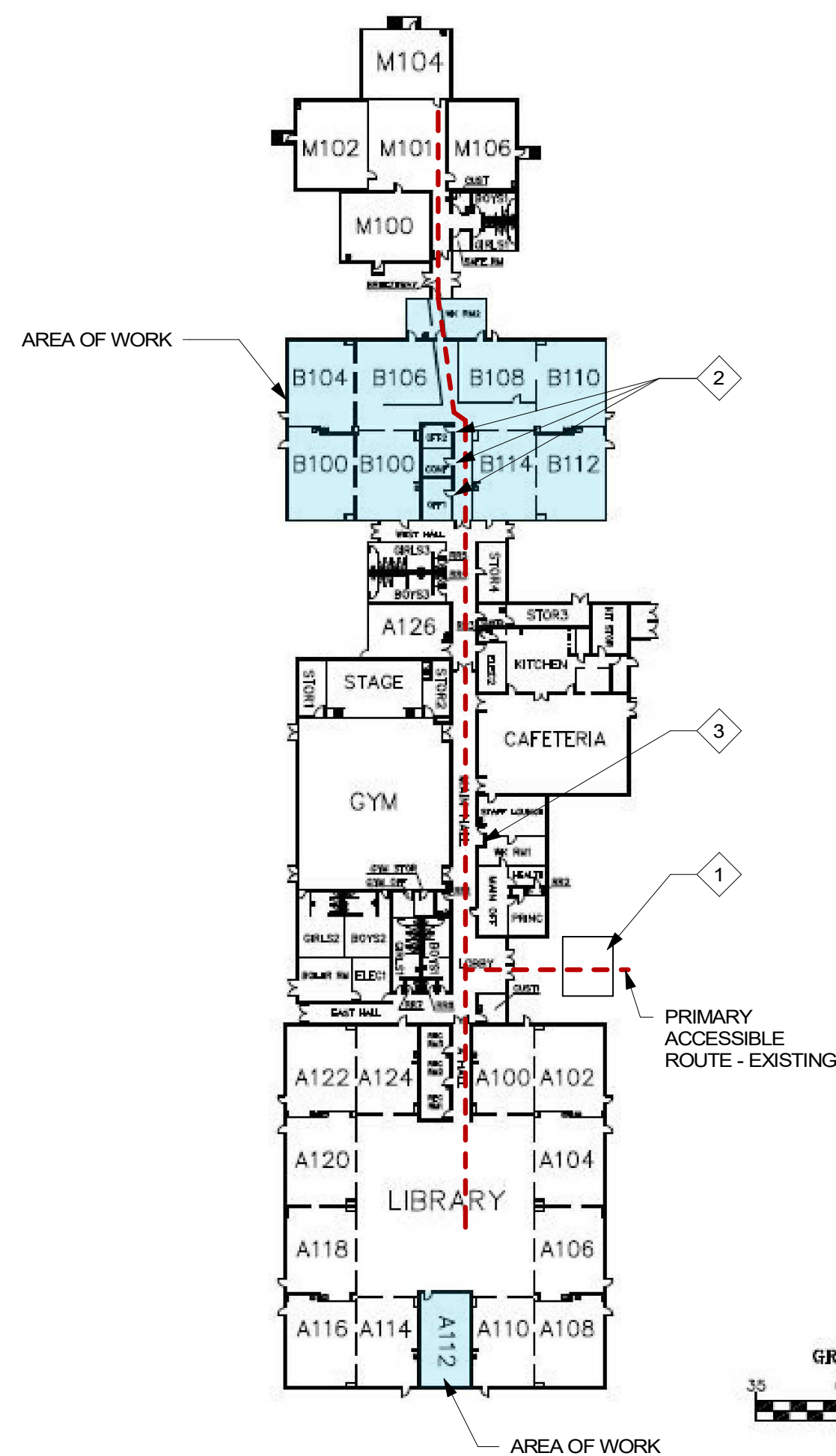




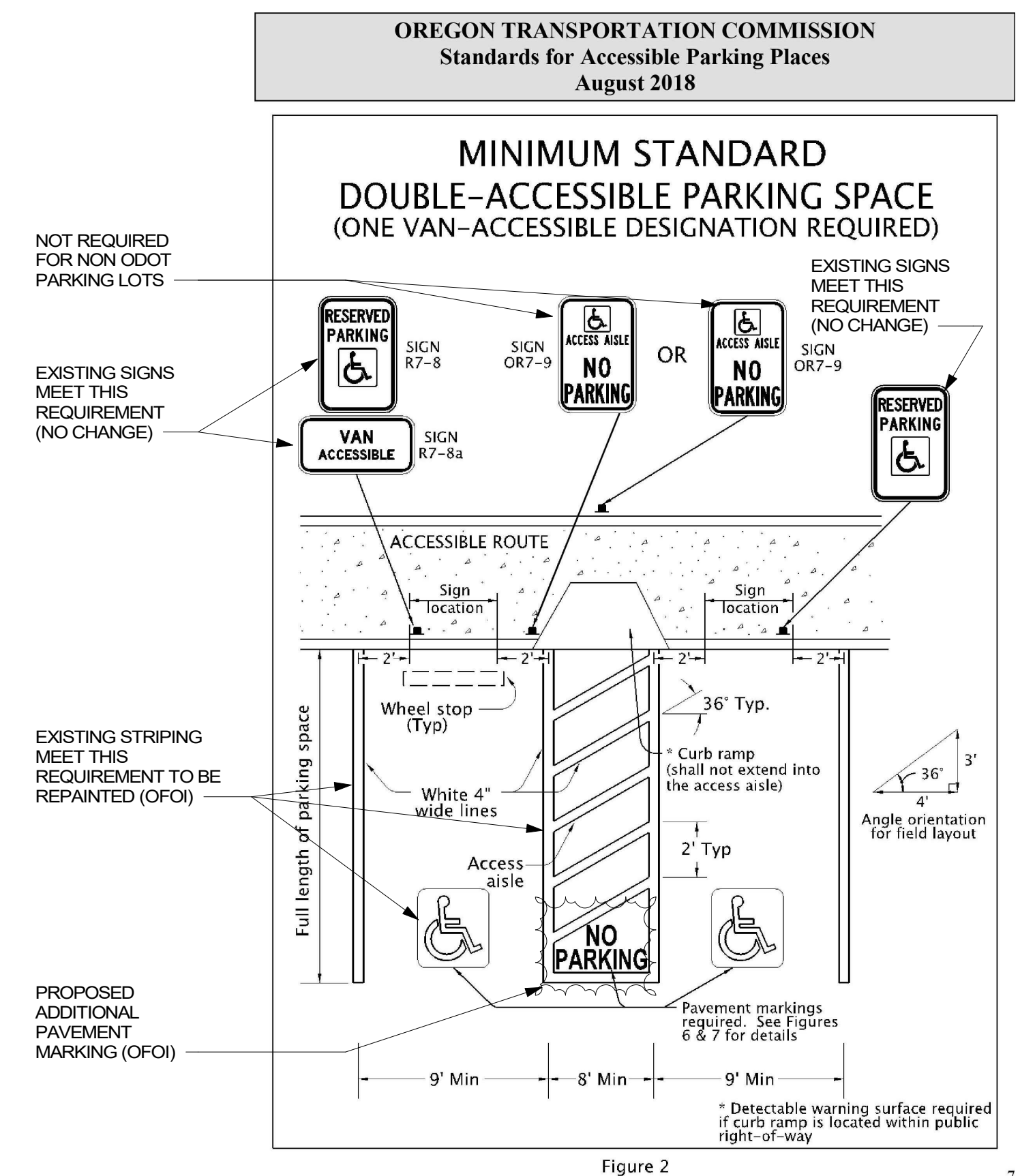
## 1 TYPICAL MOUNTING HEIGHTS



# 1 SITE ACCESSIBLE ROUTE AND IMPROVEMENTS PLAN



## 2 BUILDING ACCESSIBLE ROUTE AND IMPROVEMENTS PLAN



## 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.

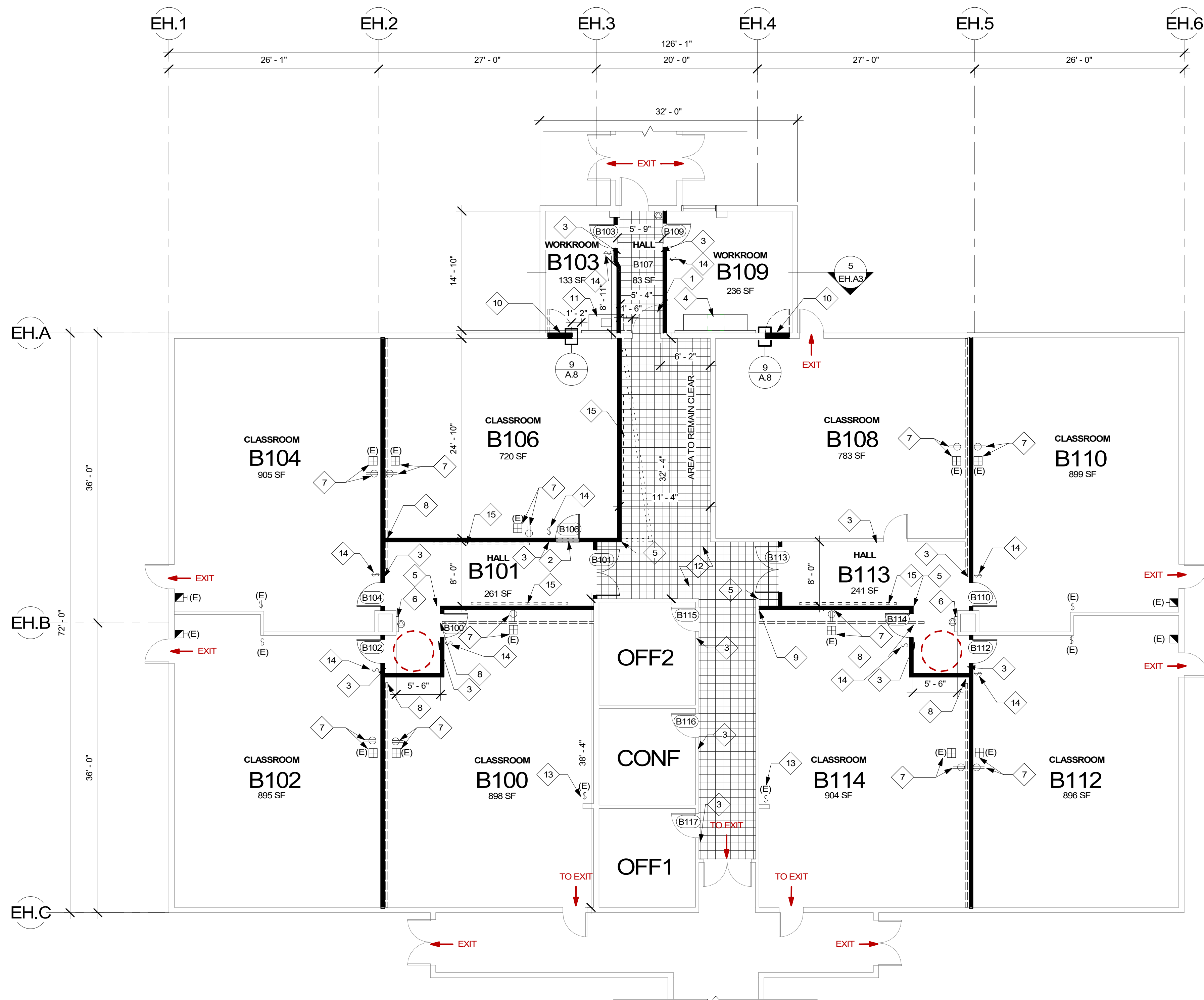
BASED ON FIELD OBSERVATIONS THE FOLLOWING ITEMS CAN BE ADDRESSED BASED ON THE CRITERIA NOTED ABOVE. ITEMS NOTED **OFOI** ARE PROPOSED TO BE SELF-PERFORMED BY BEAVERTON SCHOOL DISTRICT.

1. OFOI - ADD AT ACCESSIBLE PARKING ACCESS AISLE "NO PARKING" SIGN AND STRIPING PER ODOT STANDARDS.
2. OFCI - ACCESSIBLE ROOM SIGNAGE AT CLASSROOM AREAS FROM HALLWAY.
3. REPLACE ENTRANCE PLAZA CONCRETE DUE TO DETEIORATION.
4. REPLACE EXISTING CURB RAMP AT ACCESSIBLE PARKING.
5. REPLACE NON-COMPLIANT DOOR HARDWARE (KNOBS) WITH COMPLIANT HARDWARE (LEVER).
6. REPLACE NON-COMPLIANT DRINKING FOUNTAIN WITH NEW COMPLIANT DRINKING FOUNTAIN.

## KEY NOTE LEGEND

1. REPLACE 20'-0" X 25'-0" MAIN ENTRANCE CONCRETE WALK.
2. REPLACE (3) DOOR KNOB HARDWARE AT OFFICES WITH ACCESSIBLE LEVER TYPE HARDWARE.
3. REPLACE EXISTING DRINKING FOUNTAIN WITH DUAL HEIGHT ACCESSIBLE DRINKING FOUNTAIN.
4. PARKING STRIPING AND 'NO PARKING' AT ACCESS ISLE (OFOI).
5. REPLACE EXISTING CURB RAMP AT ACCESSIBLE PARKING PER DETAIL 10/A.8





### FLOOR FINISH LEGEND

EXISTING FLOOR FINISH




SALVAGED CARPET

VCT TILE

## PLAN CODE NOTES


 ADA 5'-0" MINIMUM TURN RADIUS  
 EXIT DOOR TO EXIT DISCHARGE

## WALL LEGEND

EXISTING WALL	
NEW WALL - SEE DETAIL 1/A.8	
TRACKED PARTITION - DEMO BY OTHER	
REMOVE PARTITION - BOLTED	
DEMO WALL	

## ELECTRICAL LEGEND

DUPLEX OUTLET

POWER SWITCH

POWER DROP

DATA OUTLET

FLOOR DATA OUTLET

FLOOR DUPLEX OUTLET

FIRE ALARM

EXISTING

FIRE EXTINGUISHER

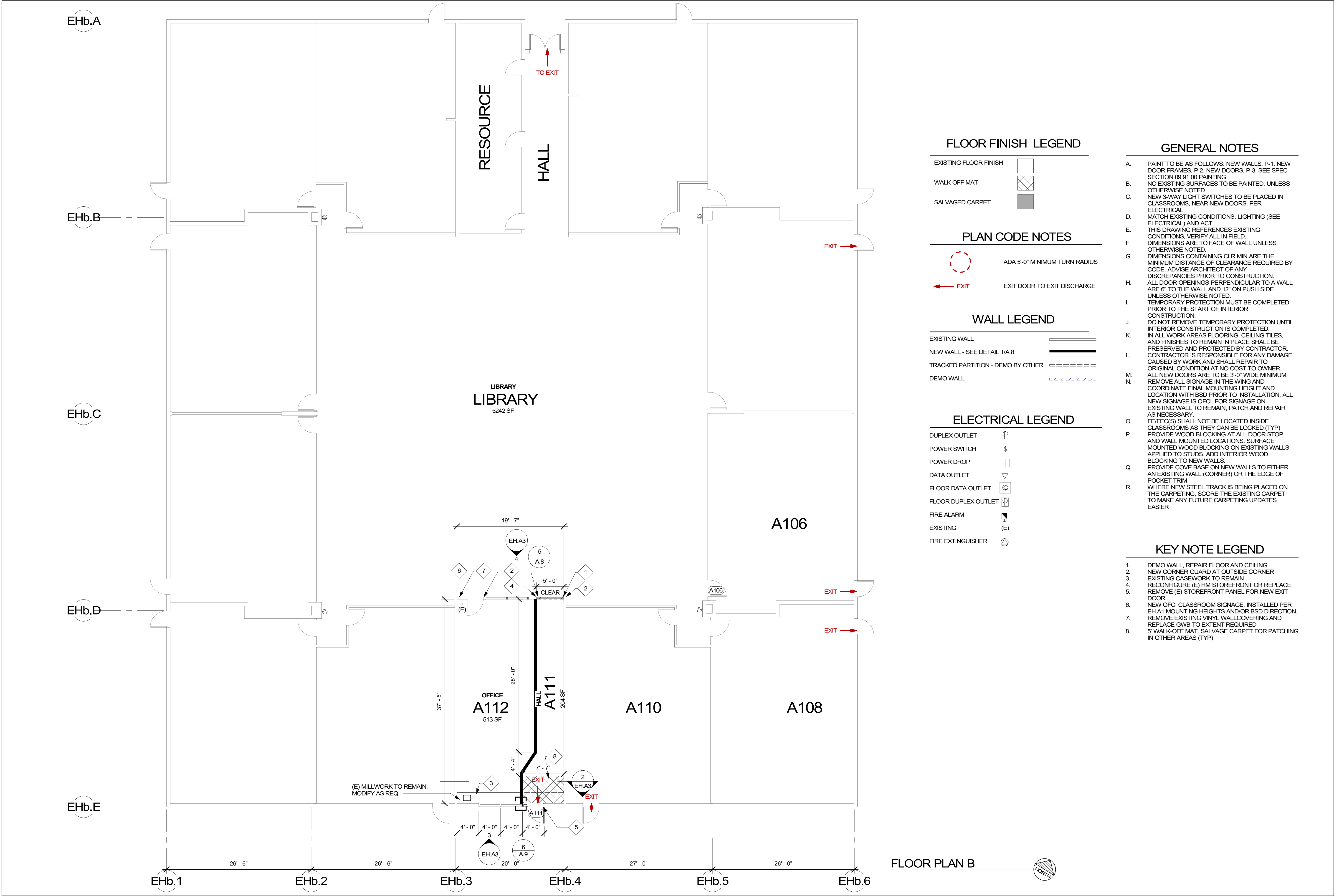
## GENERAL NOTES

- A. PAINT TO BE AS FOLLOWS: NEW WALLS, P-1. NEW DOOR FRAMES, P-2. NEW DOORS, P-3. SEE SPEC SECTION 09 91 00 PAINTING
- B. NO EXISTING SURFACES TO BE PAINTED, UNLESS OTHERWISE NOTED
- C. NEW 3-WAY LIGHT SWITCHES TO BE PLACED IN CLASSROOMS, NEAR NEW DOORS, PER ELECTRICAL
- D. MATCH EXISTING CONDITIONS; LIGHTING (SEE ELECTRICAL) 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 AND 12" ON PUSH-SIDE 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 ALL SIGNAGE IN THE WING AND COORDINATE FINAL MOUNTING HEIGHT AND LOCATION WITH BSD PRIOR TO INSTALLATION. ALL NEW SIGNAGE IS OCFI. FOR SIGNAGE ON EXISTING WALL TO REMAIN, PATCH AND REPAIR AS NECESSARY.
- O. FEELER(S) SHALL NOT BE LOCATED INSIDE CLASSROOMS AS THEY CAN BE LOCKED (TYP)
- P. PROVIDE WOOD BLOCKING AT ALL DOOR STOP AND WALL MOUNTED LOCATIONS. SURFACE MOUNTED WOOD BLOCKING ON EXISTING WALLS APPLIED TO STUDS. ADD INTERIOR WOOD BLOCKING TO NEW WALLS.
- Q. PROVIDE COVE BASE ON NEW WALLS TO EITHER AN EXISTING WALL (CORNER) OR THE EDGE OF POCKET TRIM
- R. WHERE NEW STEEL TRACK IS BEING PLACED ON THE CARPETING, SCORE THE EXISTING CARPET TO MAKE ANY FUTURE CARPETING UPDATES EASIER

## KEY NOTE LEGEND

2. REINSTALL MAGNETIC LOCK OPEN ON NEW WALL PATCH CARPET AT REMOVED PARTITION WALL, WITH SITE SALVAGED CARPET OFCI.
3. NEW OFCI CLASSROOM SIGNAGE, INSTALLED PER EH&S MOUNTING HEIGHTS AND/OR BSD DIRECTION.
4. EXISTING CASEWORK TO REMAIN
5. NEW CORNER GUARD AT OUTSIDE CORNER
6. (E) FIRE EXTINGUISHER / FE CABINET
7. EXISTING POWER DROPS TO BE ROUTED ABOVE CEILING TILES TO BECOME NEW OUTLETS IN NEAREST NEW WALL(S). REPLACE ACIT ABOVE ROUTED POWER DROPS TO NEW OUTLETS AND RELOCATE TO MATCH EXISTING WEAR, TO THE EXTENT POSSIBLE. NEW ACIT SHALL BE LOCATED IN THE TECH ROOM
8. WHERE NEW PARTITIONS INTERSECT EXISTING TRACK, PROVIDE ACOUSTICAL SEALANT, PAINT TO MATCH SCHEDULED FINISH OF PARTITION. SEE DETAIL 818
9. EXISTING SURFACE MOUNTED ELECTRICAL RESET FOR NEW IN WALL OUTLET
10. REMOVE (E) DOOR, PATCH WALL, PAINT TO MATCH. SEE SPEC SECTION 09 72 00 WALL COVERINGS
11. SHIFT SINK AND CASEWORK TO AVOID NEW WALL NEW FLOORING FOR FORM, SALVAGE OLD CARPET AND RETURN TO BSD, SEE SCHEDULE
12. REMOVE EXISTING SWITCH, NEW THREE WAY SWITCH TO BE INSTALLED. ARCHITECTURAL PLANS FOR REFERENCE. SEE ELECTRICAL.
13. NEW SWITCH, ARCHITECTURAL PLANS FOR REFERENCE. SEE ELECTRICAL.
14. FUTURE TACK BOARD LOCATION, TACK BOARDS ARE OFCI, CONTRACTOR TO PROVIDE 12 LENGTHS OF WOOD BLOCKING WHERE SHOWN, TWO HORIZONTAL ROWS OF 2X6 WOOD BLOCKING (FIRE-RATED NOT REQUIRED), TOP OF THE TACK BOARDS SHOULD ALIGN WITH THE TOP OF THE DOORS. BLOCKING IS TO BE NOTCHED AT THE STUDS, AND A MINIMUM OF 2-3" FROM THE CENTERLINE OF THE BLOCKING TO THE TOP/BOTTOM EDGE OF THE BLOCKING. TOP ROW AND BOTTOM ROW OF BLOCKING ARE TO BE 4" APART.





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REGISTERED ARCHITECT  
BARBARA K. ANDERSON  
PORTLAND, OREGON  
5232

BEAVERTON SCHOOL DISTRICT  
**SECURITY UPGRADES**  
ERROL HASSELL ELEMENTARY SCHOOL  
18100 SW BANY RD,  
BEAVERTON, OR 97007  
BID / PERMIT SET

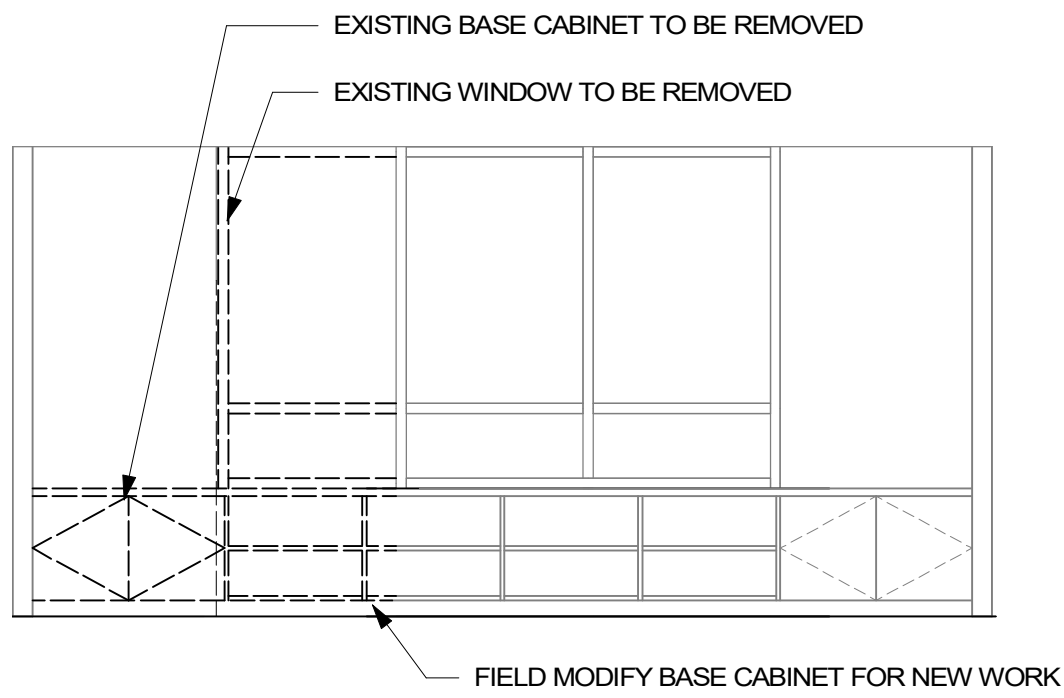
Date: 12/10/2021  
Project #: 4008  
Drawn by: GS  
Checked by: CGK

Revisions:

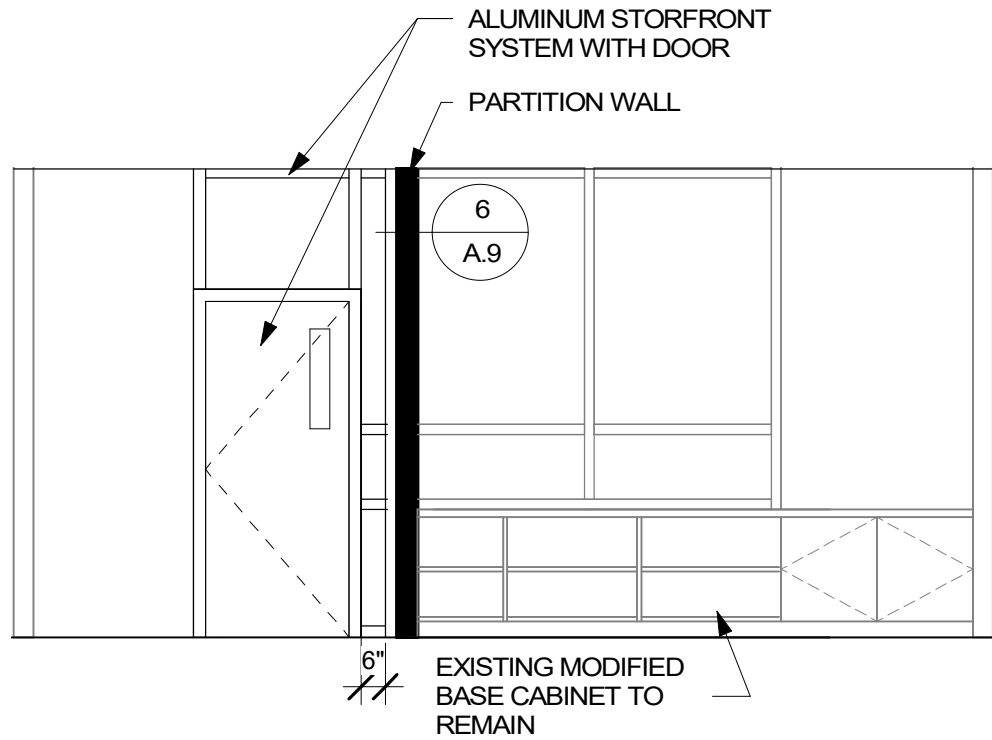
FLOOR PLAN  
B

EH.A2b

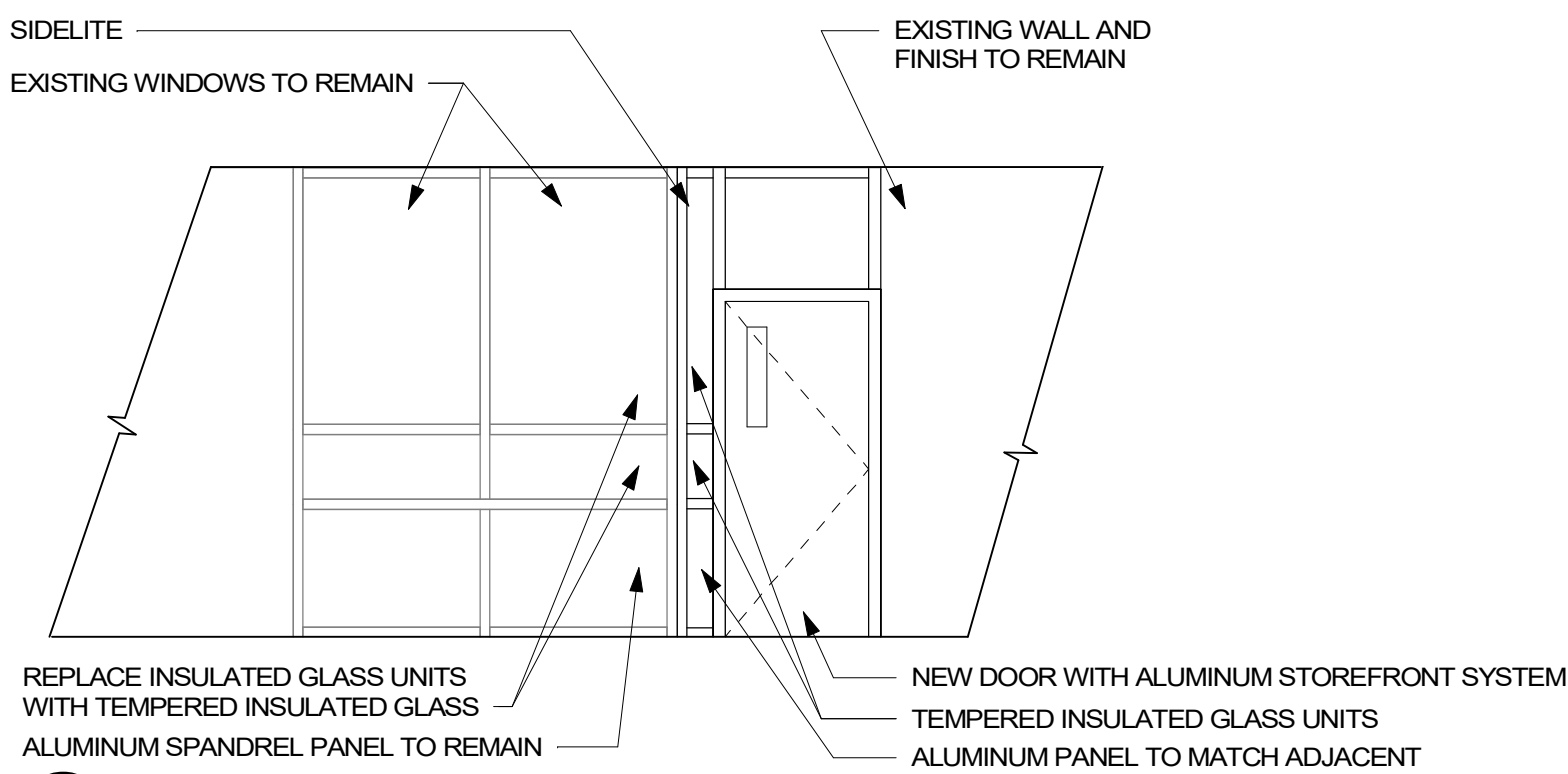




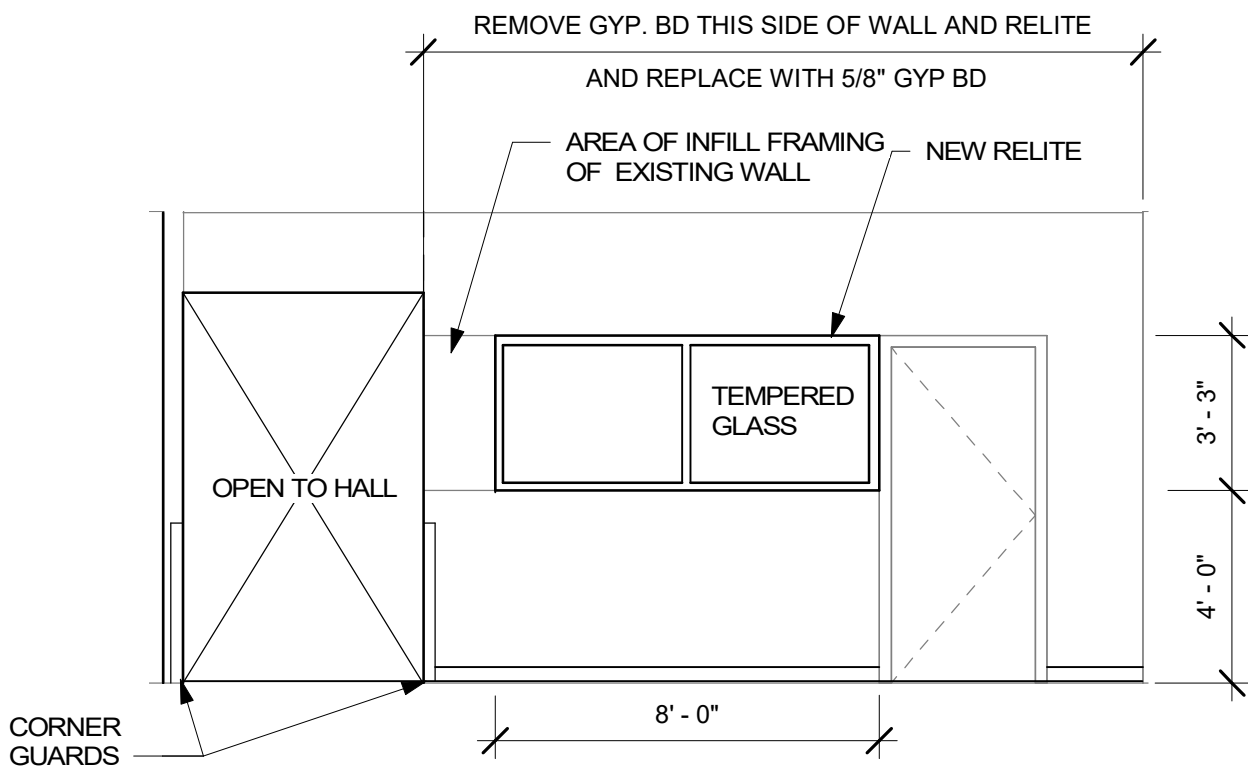
1 B113 DEMO SECTION  
1/4" = 1'-0"



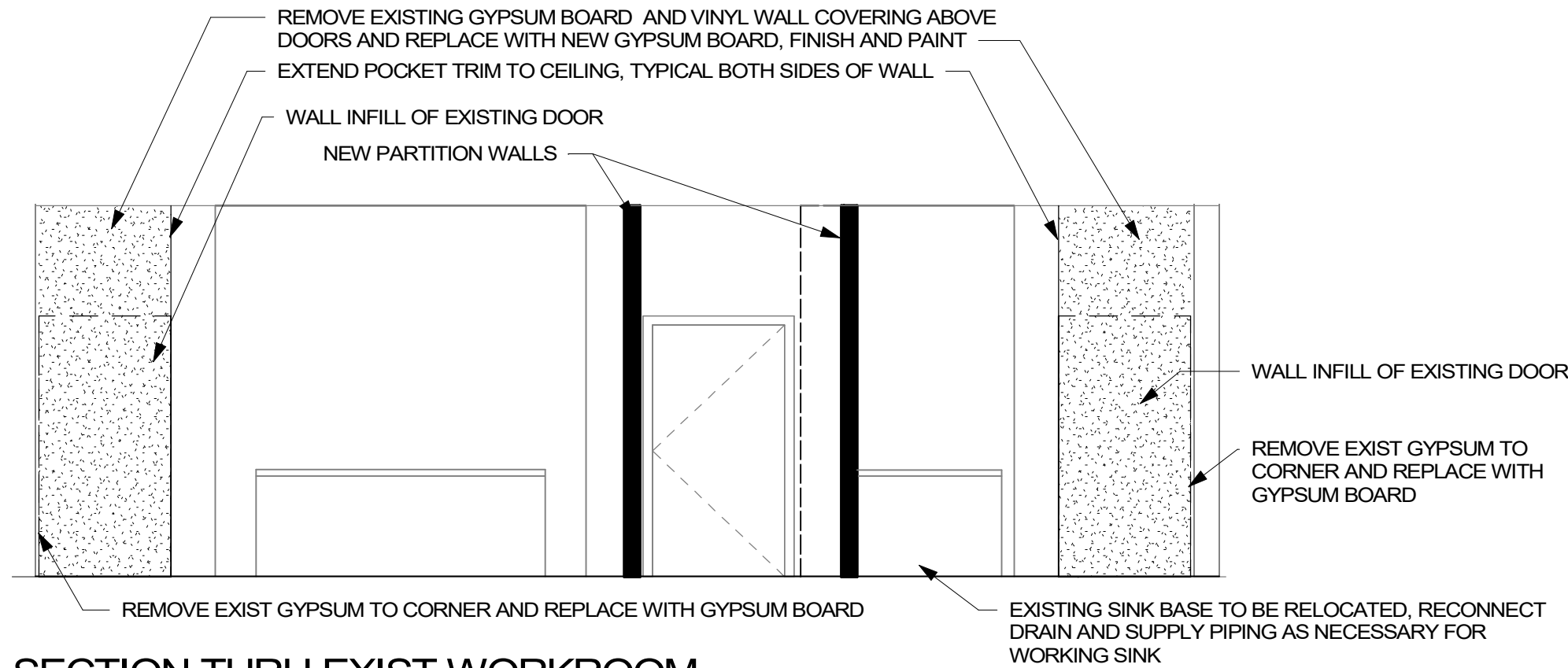
2 NEW HALL B113 SECTION  
1/4" = 1'-0"



3 A112 EXTERIOR ELEVATION  
1/4" = 1'-0"



4 A111 LIBRARY INTERIOR ELEVATION  
1/4" = 1'-0"

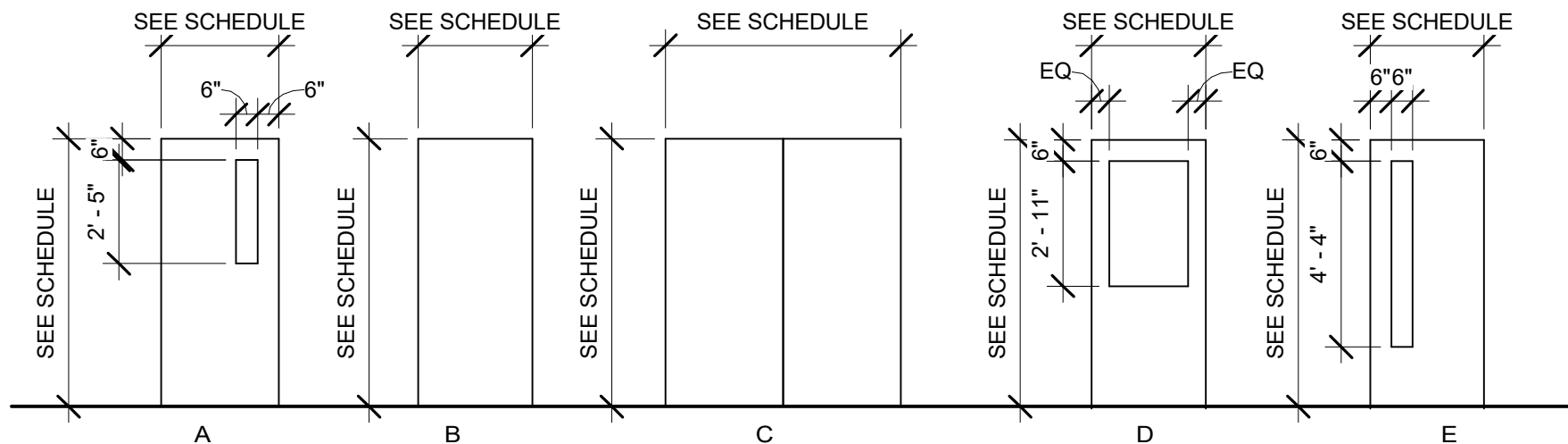


5 SECTION THRU EXIST WORKROOM  
1/4" = 1'-0"

DOOR SCHEDULE - EH1														
NO	HW	NEW / EXISTING	INT / EXT	SIZE			DOOR				FRAME		DETAILS	
				W	H	T	TYPE	MATL	FINISH	GLASS	MATL	FINISH	JAMB	
A106	H-3	EXISTING	INTERIOR	3' - 0"	7' - 0"	1 3/4"	-	-	-	-	-	-	-	
A111	H-5	NEW	EXTERIOR	3' - 0"	7' - 0"	1 3/4"	A	HM	FACTORY	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
B100	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
B101	H-2	NEW	INTERIOR	5' - 8"	7' - 0"	1 3/4"	C	SOLID CORE WOOD	P-3	NONE	HM	P-2	1/A.9	
B102	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
B103	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
B104	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
B106	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
B109	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
B110	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
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	1/A.9	
B113	H-2	NEW	INTERIOR	5' - 8"	7' - 0"	1 3/4"	C	SOLID CORE WOOD	P-3	NONE	HM	P-2	1/A.9	
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	1/A.9	
B115	H-3	EXISTING	INTERIOR	3' - 0"	7' - 0"	1 3/4"	-	-	-	-	-	-	-	
B116	H-3	EXISTING	INTERIOR	3' - 0"	7' - 0"	1 3/4"	-	-	-	-	-	-	-	
B117	H-3	EXISTING	INTERIOR	3' - 0"	7' - 0"	1 3/4"	-	-	-	-	-	-	-	
Grand total: 16														
HM - HOLLOW METAL														
PR - EACH INDIVIDUAL LEAF OF A PAIR														

ROOM FINISH SCHEDULE-EH					
Number	Name	Floor Finish	Wall Finish	Base Finish	Ceiling Finish
A111	HALL	(E) BROADLOOM CARPET + NEW WALK-OFF MAT + SALVAGED CARPET	P-1	COVE BASE	EXISTING
A112	OFFICE	(E) BROADLOOM CARPET	P-1	COVE BASE	EXISTING
B100	CLASSROOM	(E) BROADLOOM CARPET + (E) VCT	P-1	COVE BASE	EXISTING
B101	HALL	(E) BROADLOOM CARPET	P-1	COVE BASE	EXISTING
B102	CLASSROOM	(E) BROADLOOM CARPET	P-1	COVE BASE	EXISTING
B103	WORKROOM	(E) BROADLOOM CARPET	P-1	COVE BASE	EXISTING
B104	CLASSROOM	(E) BROADLOOM CARPET + (E) VCT	P-1	COVE BASE	EXISTING
B106	CLASSROOM	(E) BROADLOOM CARPET + SALVAGED CARPET	P-1	COVE BASE	EXISTING
B107	HALL	NEW VCT	P-1	COVE BASE	EXISTING
B108	CLASSROOM	(E) BROADLOOM CARPET	P-1	COVE BASE	EXISTING
B109	WORKROOM	(E) BROADLOOM CARPET	P-1	COVE BASE	EXISTING
B110	CLASSROOM	(E) BROADLOOM CARPET + (E) VCT	P-1	COVE BASE	EXISTING
B112	CLASSROOM	(E) BROADLOOM CARPET + (E) VCT	P-1	COVE BASE	EXISTING
B113	HALL	(E) BROADLOOM CARPET	P-1	COVE BASE	EXISTING
B114	CLASSROOM	(E) BROADLOOM CARPET + (E) VCT	P-1	COVE BASE	EXISTING
LIBRARY	LIBRARY	(E) BROADLOOM CARPET	P-1	COVE BASE	EXISTING

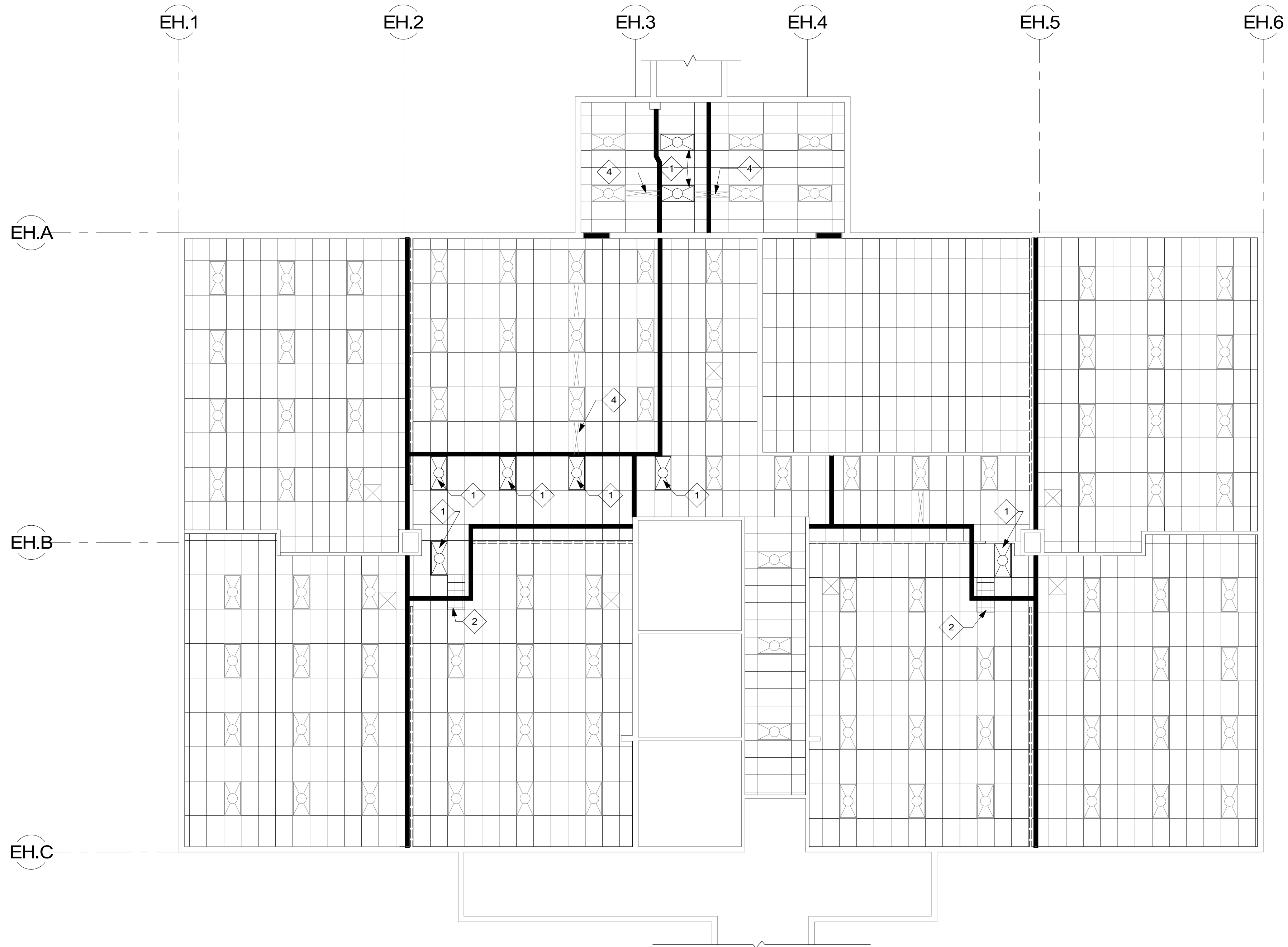
- (E) EXISTING CARPET AND VCT FLOOR TO REMAIN, SEE FLOOR PLAN FOR SPECIFIC REPAIRS AND EXTENTS OF NEW CARPET
- (E) EXISTING ACT CEILING TO REMAIN, SEE REFLECTED CEILING PLAN FOR SPECIFIC REPAIRS
- SEE SPECIFICATIONS FOR PAINT TYPE AND COLOR SELECTION
- NEW WALLS TO BE PAINTED P-1. PAINTED AREAS WILL GO TO EITHER AN EXISTING WALL (CORNER) OR TO THE EDGE OF POCKET TRIM.
- NEW COVE BASE FINISH TO BE APPLIED ONLY TO NEW/REPAIRED WALLS. WHERE BASE DOESN'T TERMINATE AT WALL CORNER, NEW BASE FINISH TO CONTINUE AND OVERLAP EXISTING WALLS 12" +/-.
- ALL TRANSITIONS BETWEEN NEW VCT AND (E) CARPET TO HAVE A FLOOR TRANSITION, SEE SPECIFICATIONS.



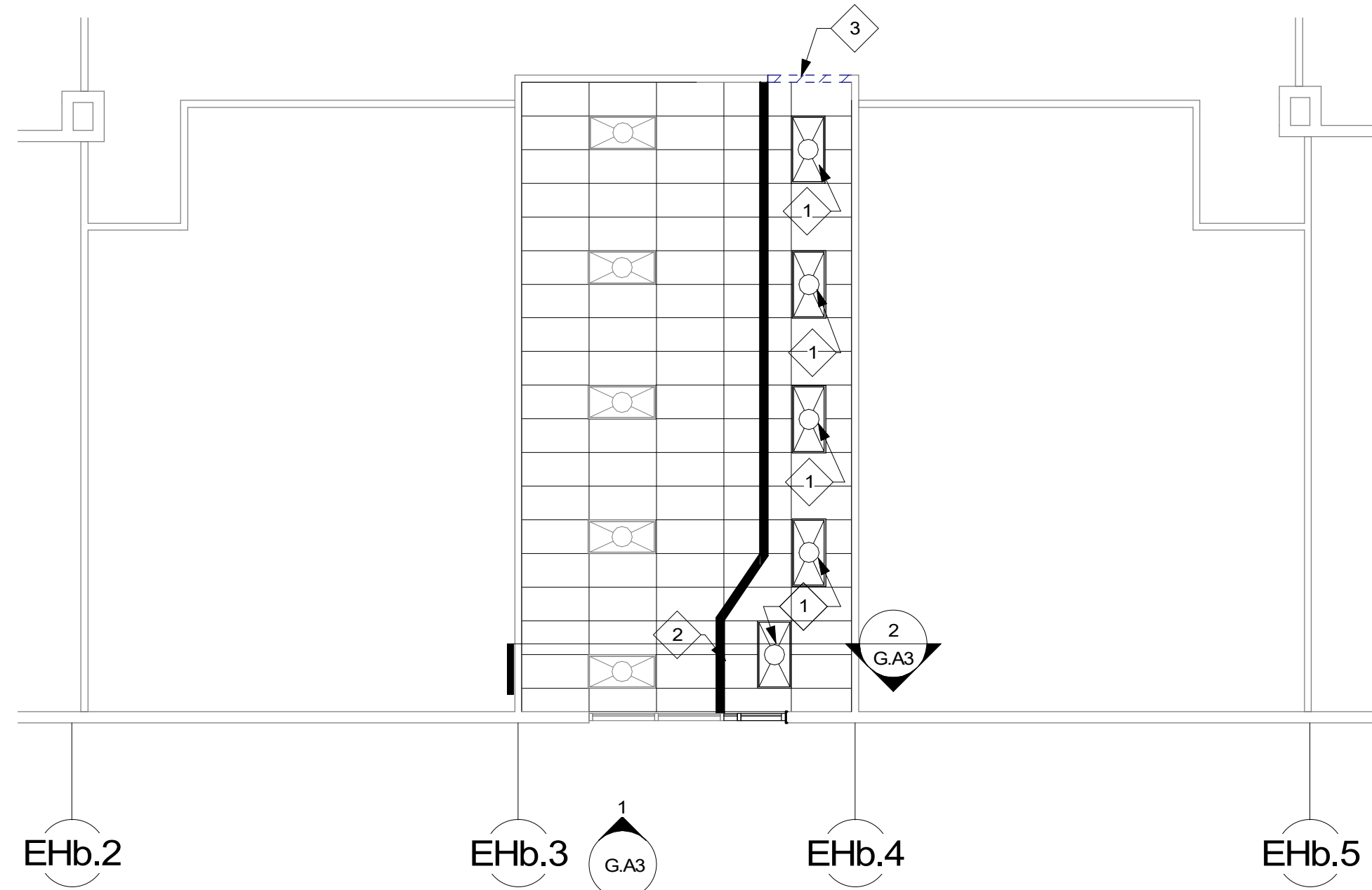
## STANDARD DOOR TYPES

### 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
- TEMPERED GLASS AT ALL DOOR LITES



1 RCP  
1/8" = 1'-0"







2 RCP  
1/8" = 1'-0"

#### KEY NOTE LEGEND

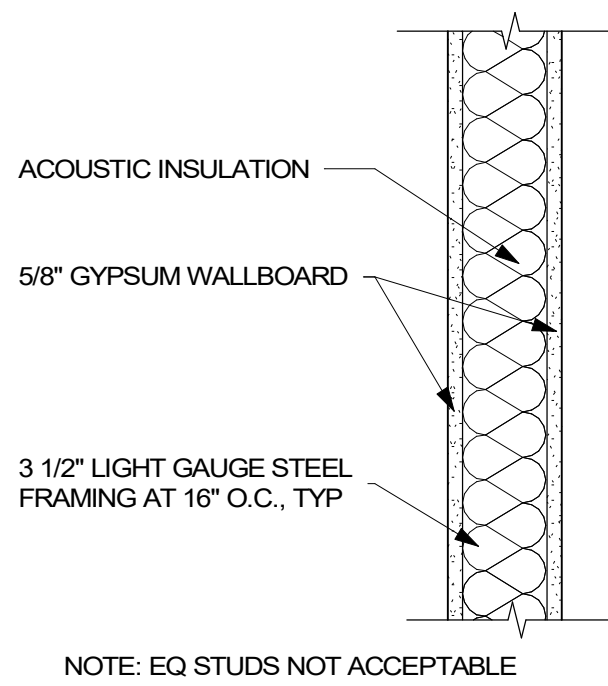
ARCHITECTURAL PLANS ARE FOR REFERENCE ONLY,  
REFER TO ELECTRICAL

1. NEW OR RELOCATED LIGHT. SEE ELECTRICAL FOR ADDITIONAL INFORMATION
2. PROVIDE NEW ACT TILE TO MATCH EXISTING AT RELOCATED LIGHT. SEE ELECTRICAL FOR ADDITIONAL DEMO AND NEW WORK INFORMATION
3. DEMO WALL, REPAIR CEILING
4. EXISTING DIFFUSER, MODIFY AS REQUIRED.

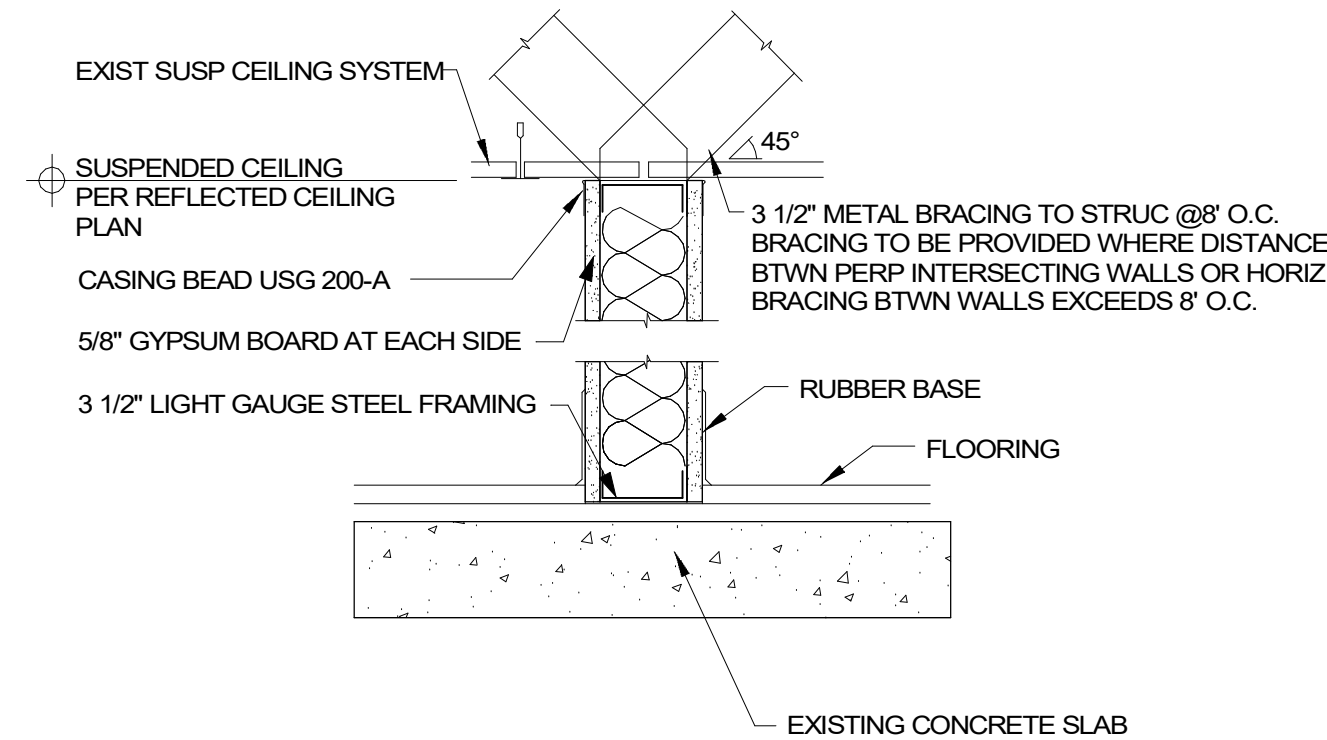
#### RCP LEGEND

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

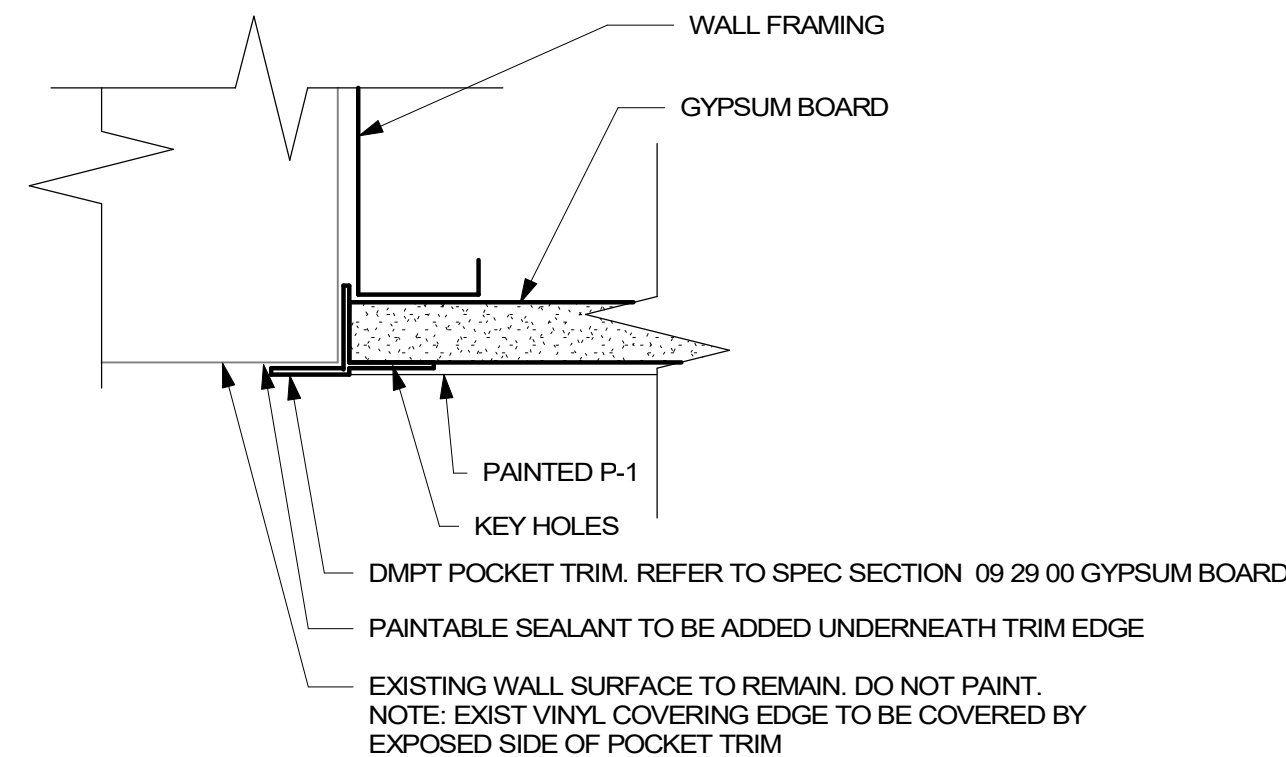




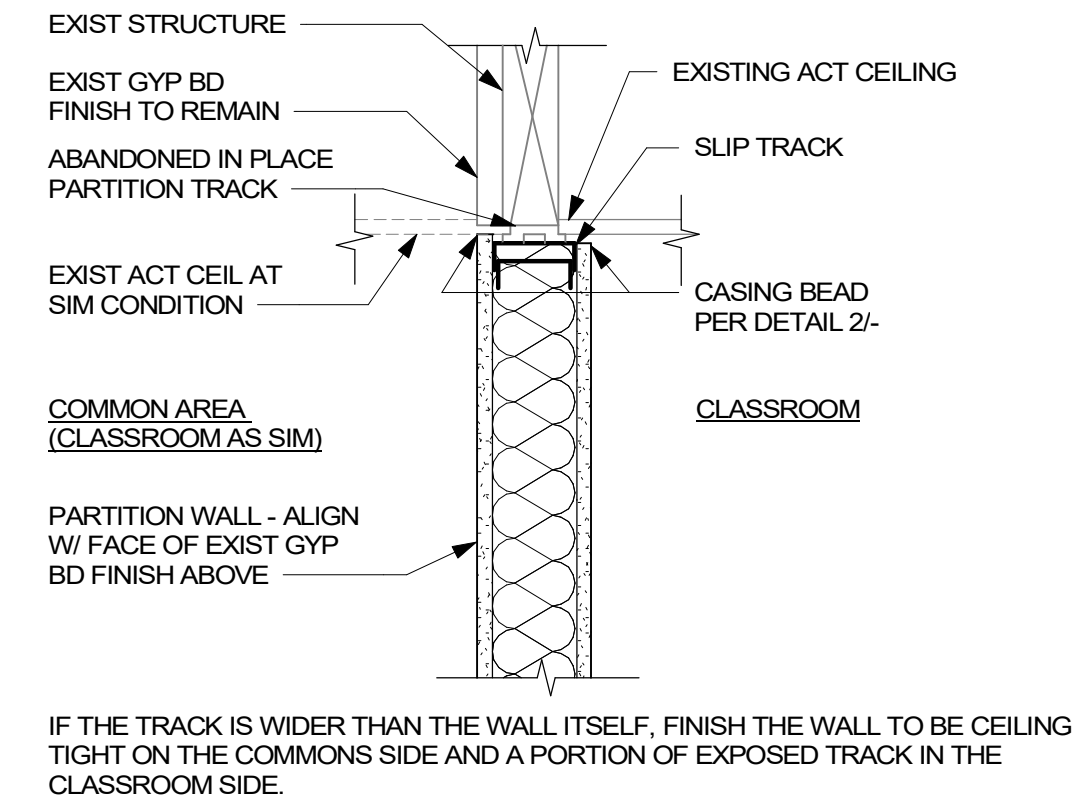
**1** TYPICAL WALL ASSEMBLY  
1 1/2" = 1'-0"



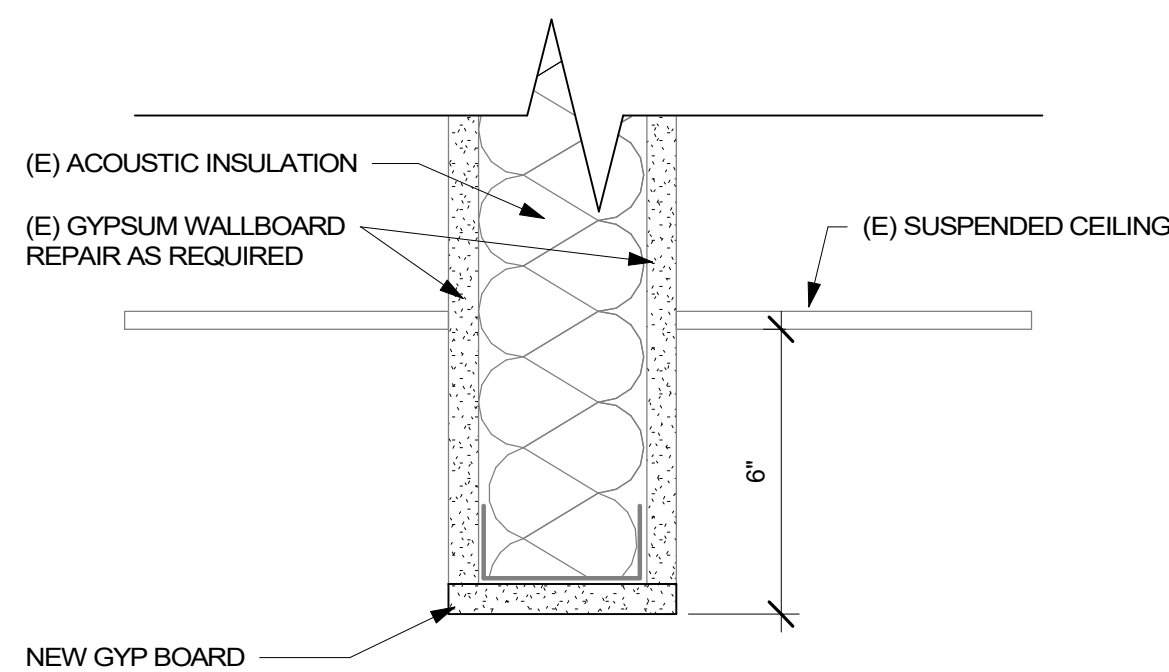
**2** WALL BASE TO UNDERSIDE OF ACT CEILING  
1 1/2" = 1'-0"



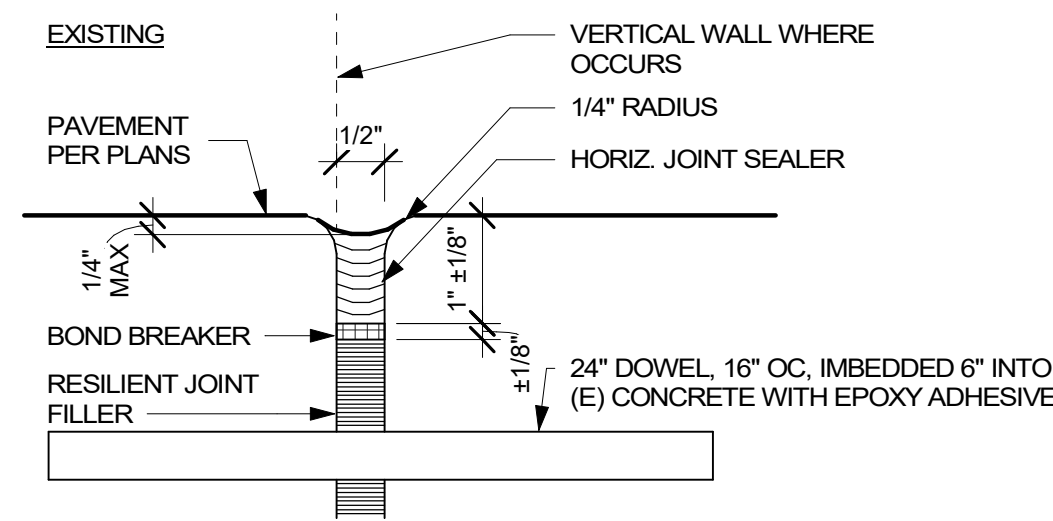
**3** POCKET TRIM DETAIL  
6" = 1'-0"



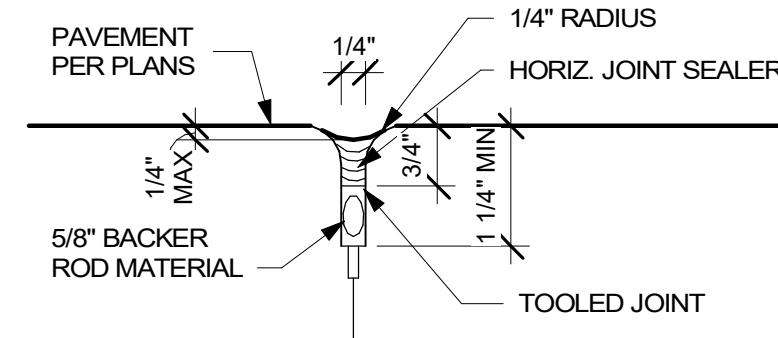
**4** WALL TO EXISTING PARTITION TRACK  
1 1/2" = 1'-0"



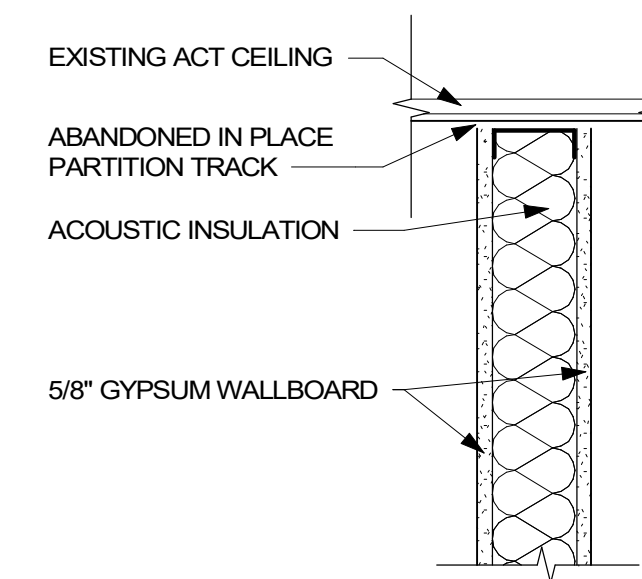
**5** INTERIOR SOFFIT DETAIL  
3" = 1'-0"



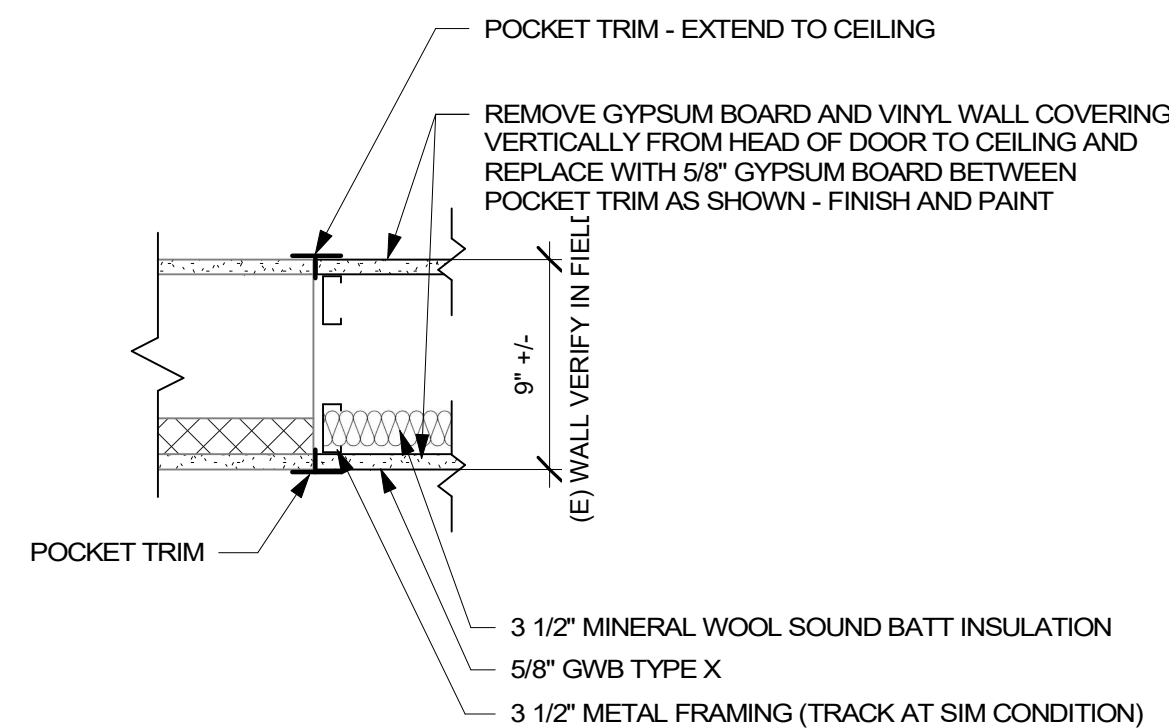
**6** ISOLATION JOINT  
6" = 1'-0"



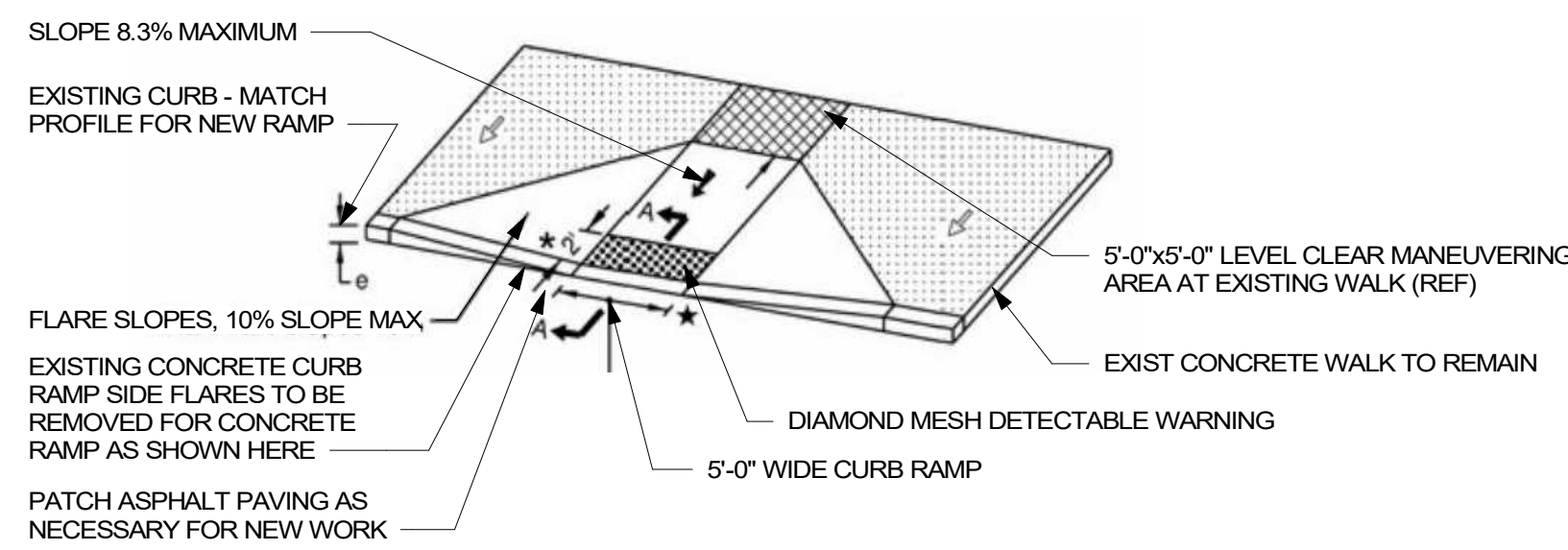
**7** CONTROL/EXPANSION JOINT  
6" = 1'-0"



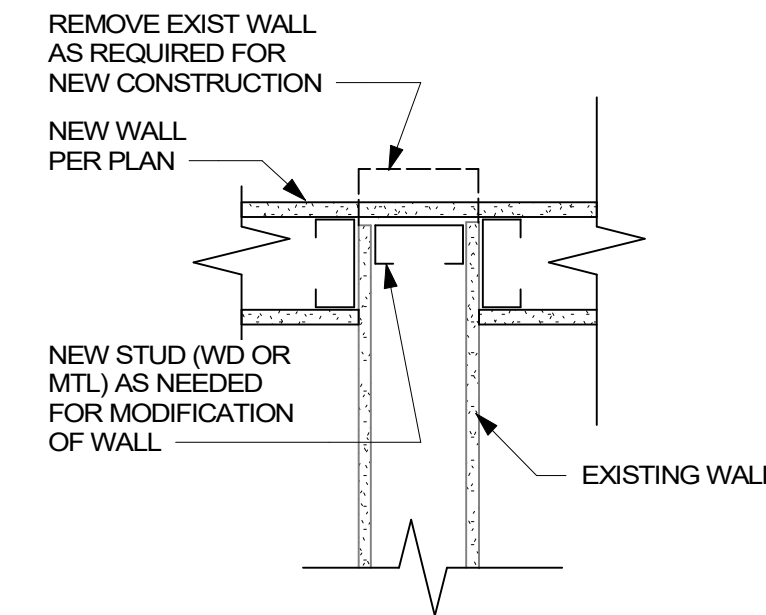
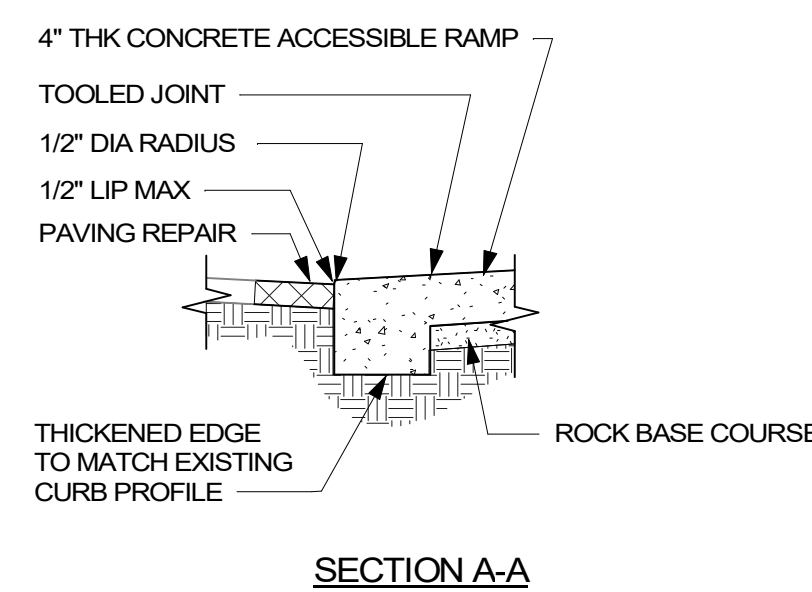
**8** WALL PERPENDICULAR TO EXISTING TRACK  
1 1/2" = 1'-0"



**9** INFILL EXISTING DOOR-JAMB DETAIL  
1 1/2" = 1'-0"



**10** ACCESSIBLE CURB RAMP  
NTS

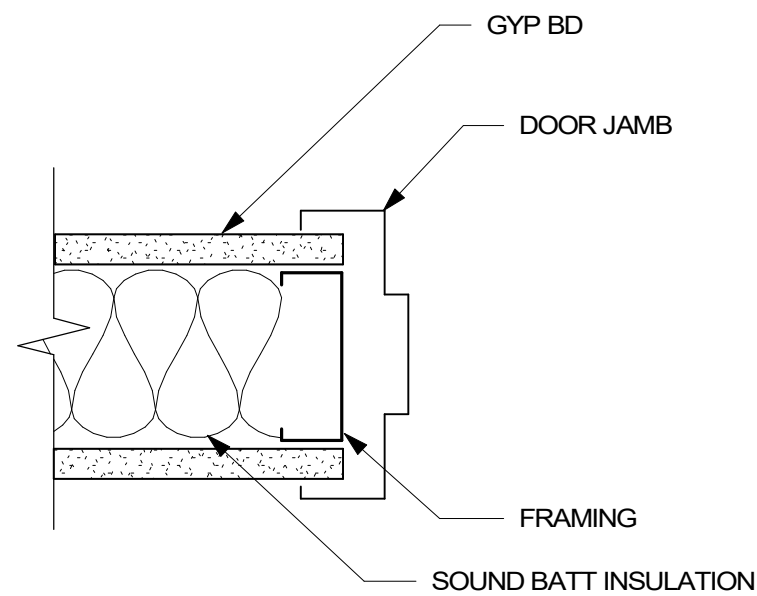


**11** GYP COVERING WALL STUB  
1 1/2" = 1'-0"

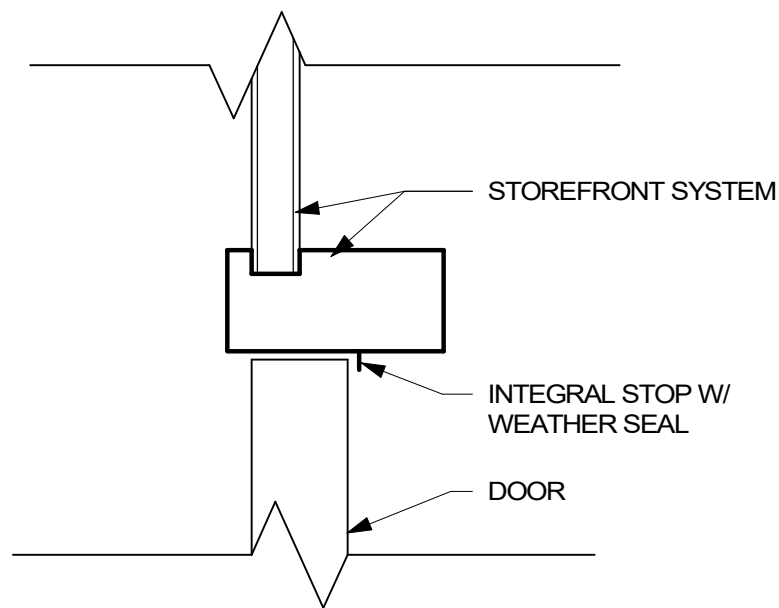
#### DETAILS PER SCHOOL

SOME DETAILS APPLY TO SPECIFIC SCHOOLS. SEE LIST BELOW

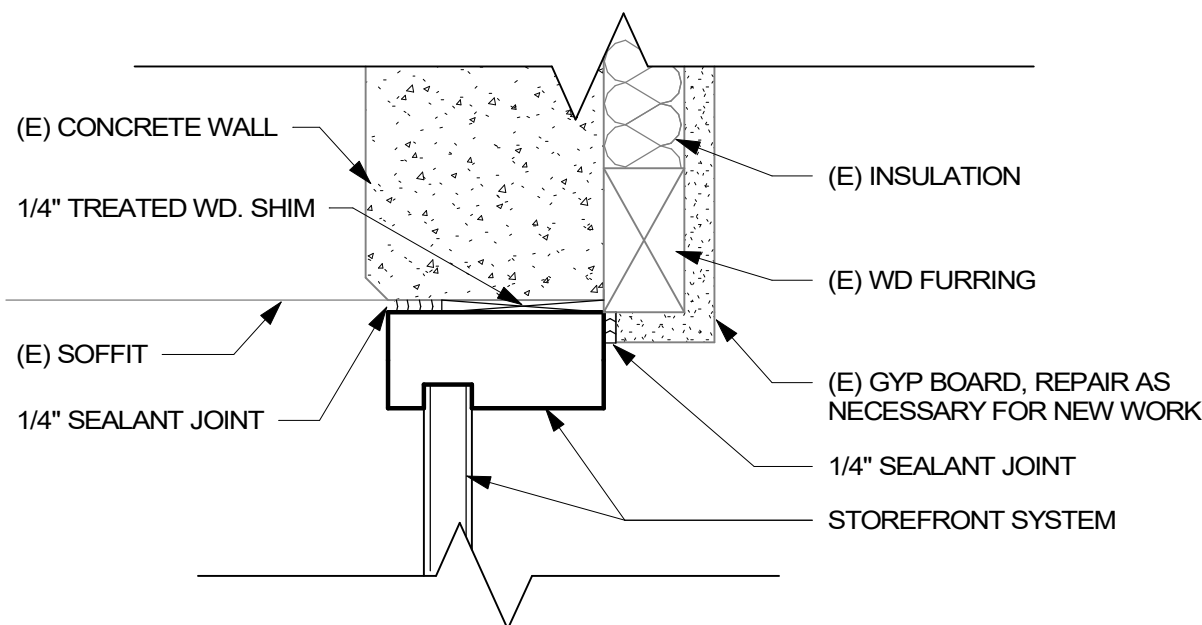
ELMONICA	ERROL HASSELL	GREENWAY
1/A.8	1/A.8	1/A.8
2/A.8	2/A.8	2/A.8
3/A.8	3/A.8	3/A.8
4/A.8	4/A.8	4/A.8
5/A.8	5/A.8	5/A.8
6/A.8	6/A.8	6/A.8
7/A.8	7/A.8	7/A.8
8/A.8	8/A.8	8/A.8
9/A.8	9/A.8	9/A.8
10/A.8	10/A.8	10/A.8
11/A.8	11/A.8	11/A.8



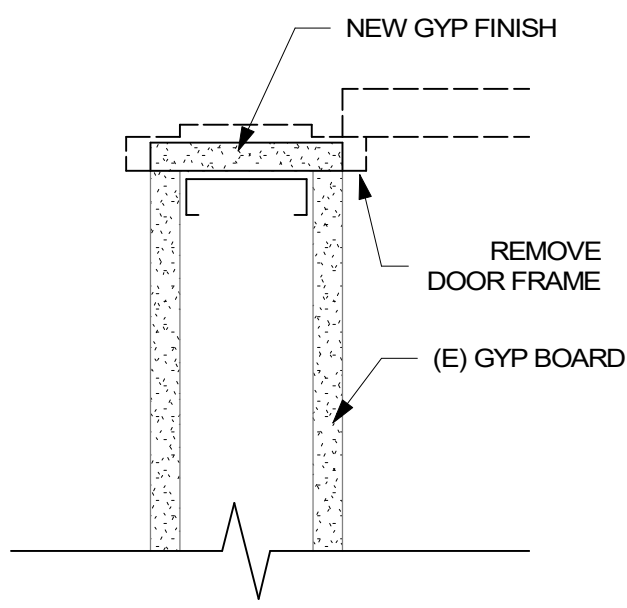
1 DOOR JAMB TYP  
3" = 1'-0"



2 TRANSOM HEADER (SIM @ DOOR JAMB)  
3" = 1'-0"

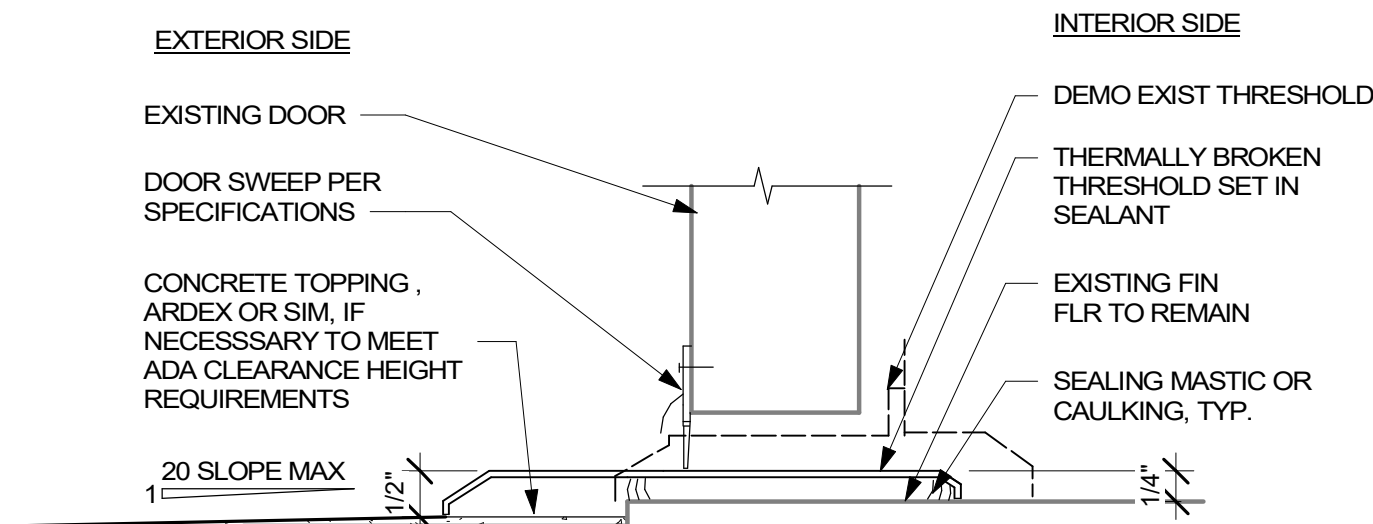


3 STOREFRONT HEAD (SIM. @ JAMB)  
3" = 1'-0"

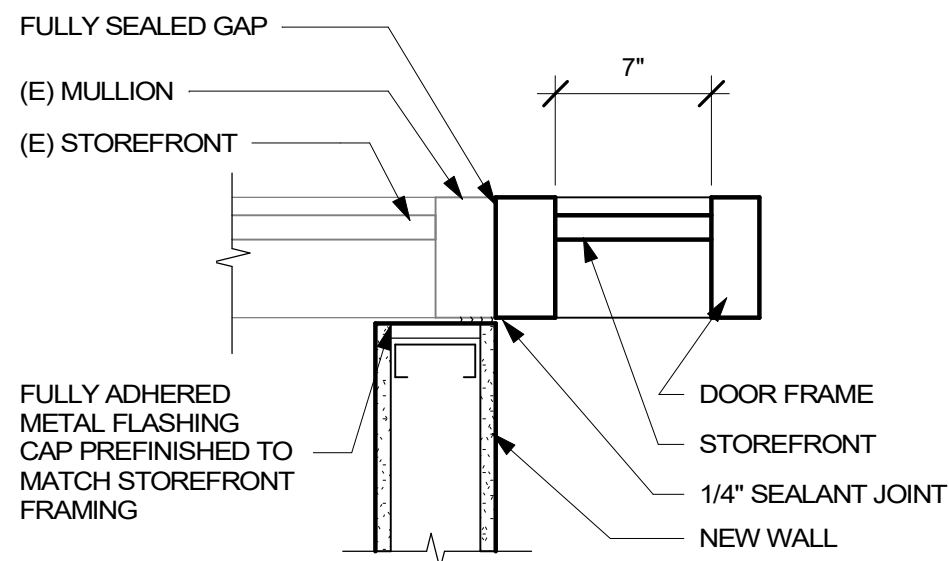


4 DOOR JAMB FINISH  
1 1/2" = 1'-0"

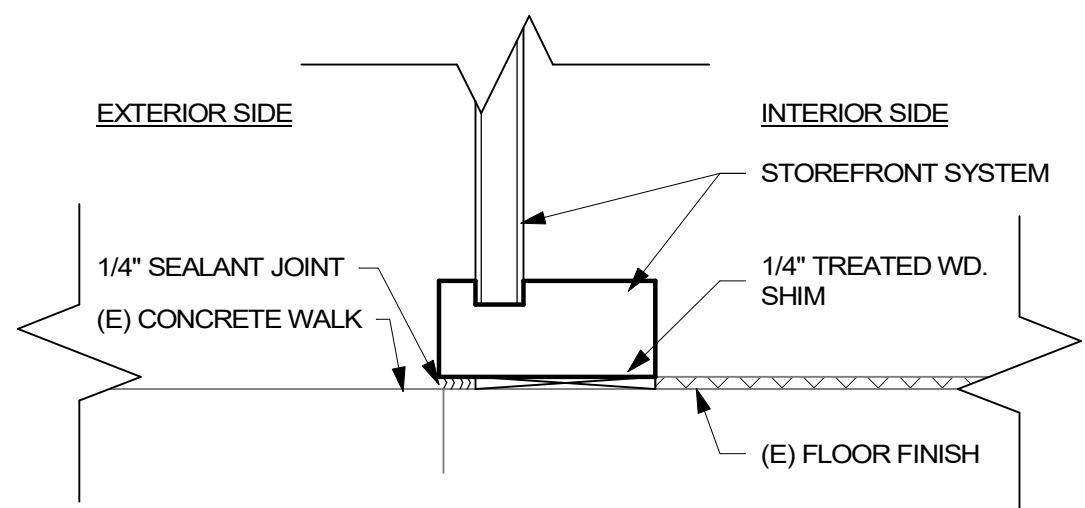
CONTRACTOR TO VERIFY EXISTING DOOR CLEARANCE WHEN REPLACING THRESHOLD. VERIFY NEW DOOR SWEEP WILL FUNCTION PROPERLY AND NEW THRESHOLD WILL MEET ADA REQUIREMENTS.



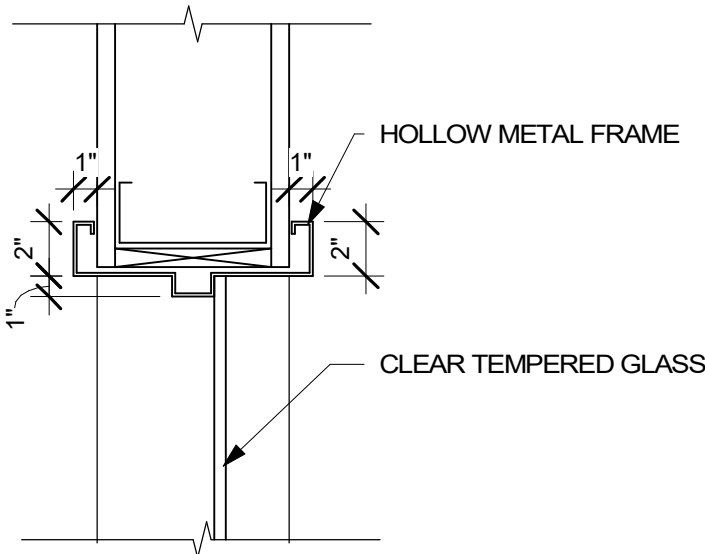
5 DOOR BOTTOM AND THRESHOLD  
6" = 1'-0"



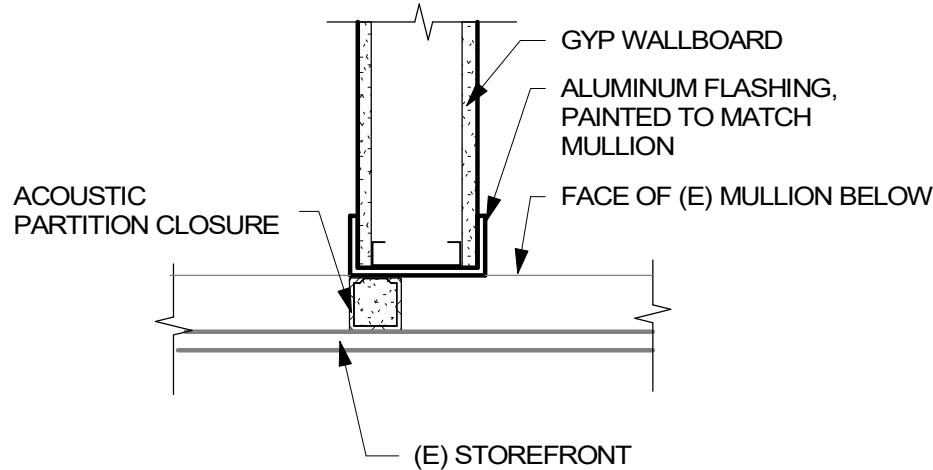
6 WALL TO VESTIBULE STOREFRONT CONNECTION  
1 1/2" = 1'-0"



7 STOREFRONT SILL  
3" = 1'-0"



8 HM WINDOW  
1 1/2" = 1'-0"



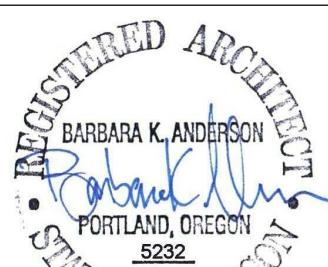
9 QUIETJOINT AT GYP WALL TO GLASS  
1 1/2" = 1'-0"

#### DETAILS PER SCHOOL

SOME DETAILS APPLY TO SPECIFIC SCHOOLS. SEE LIST BELOW

ELMONICA	ERROL HASSELL	GREENWAY
1/A.9	1/A.9	1/A.9
2/A.9	2/A.9	2/A.9
3/A.9	3/A.9	3/A.9
4/A.9	5/A.9	5/A.9
5/A.9	6/A.9	6/A.9
6/A.9	7/A.9	7/A.9
7/A.9	8/A.9	8/A.9
8/A.9		9/A.9

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#### BEAVERTON SCHOOL DISTRICT SECURITY UPGRADES

BID / PERMIT SET

Date: 12/10/2021  
Project #: 4008  
Drawn by: GS  
Checked by: CGK

Revisions:

DOOR AND  
WINDOW  
DETAILS



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

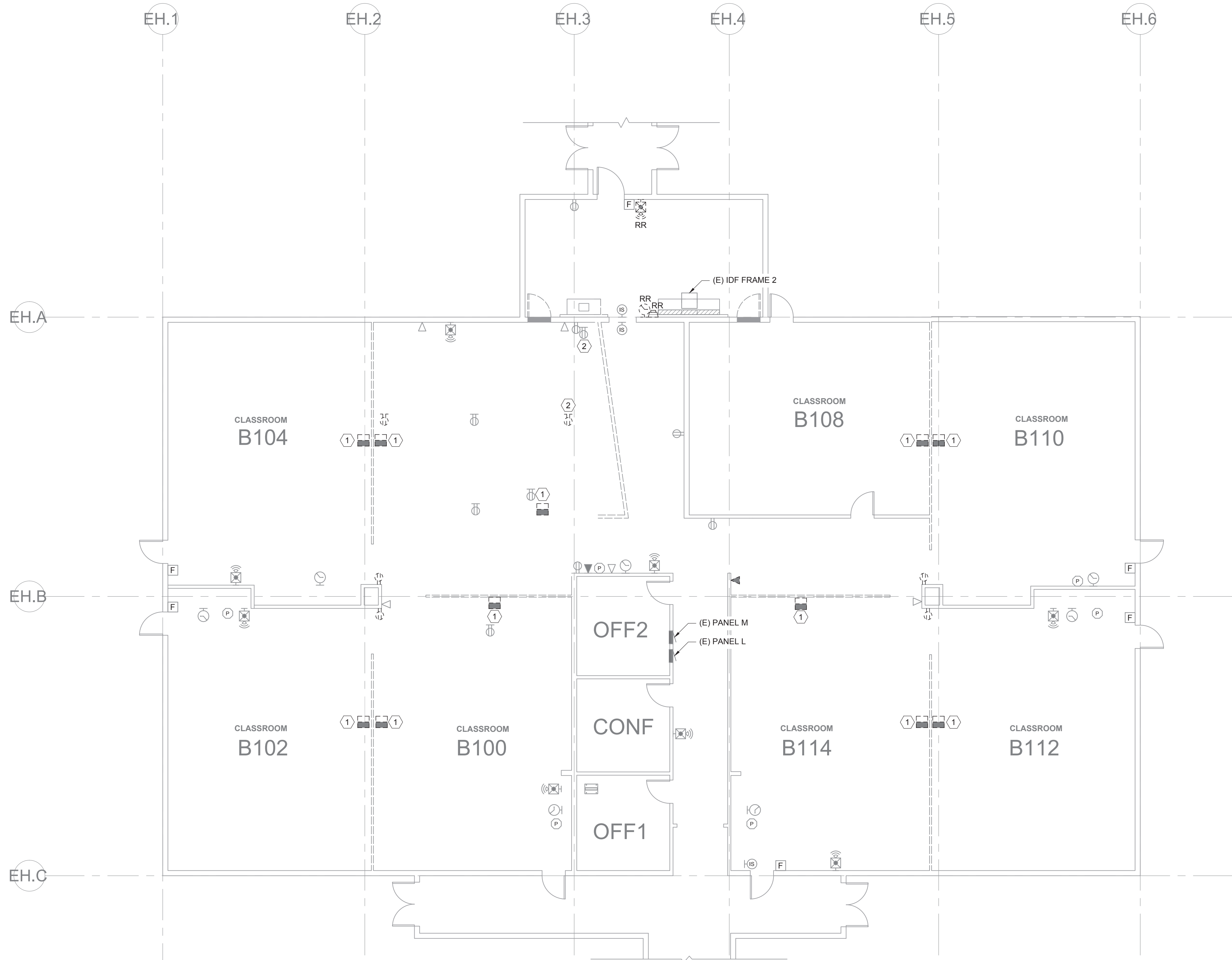
	JUNCTION BOX (ROUND, SQUARE).
	THERMOSTAT.
	RELAY.
	CORD REEL.
	MOTOR / EXHAUST FAN.
	CEILING FAN.
	UTILITY POLE.
	WEATHERHEAD.
	GROUND ROD.
	GROUND ROD WITH TEST WELL.
	SURFACE RACEWAY / WIREMOLD.
	FIRE RATED BACKBOARD.
	GROUND BUS BAR.

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.



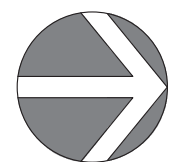
GENERAL SHEET NOTES

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 SHEET EH-E2.
2. CONTRACTOR SHALL DEMOLISH EXISTING CEILING RECEPTACLE. EXISTING HORIZONTAL CABLES FOR POWER SHALL BE REUSED IN NEW WALL. SEE SHEET EH-E2.

1 ERROL HASSEL ELECTRICAL DEMOLITION FLOOR PLAN - A  
SCALE: 1/8" = 1'-0"



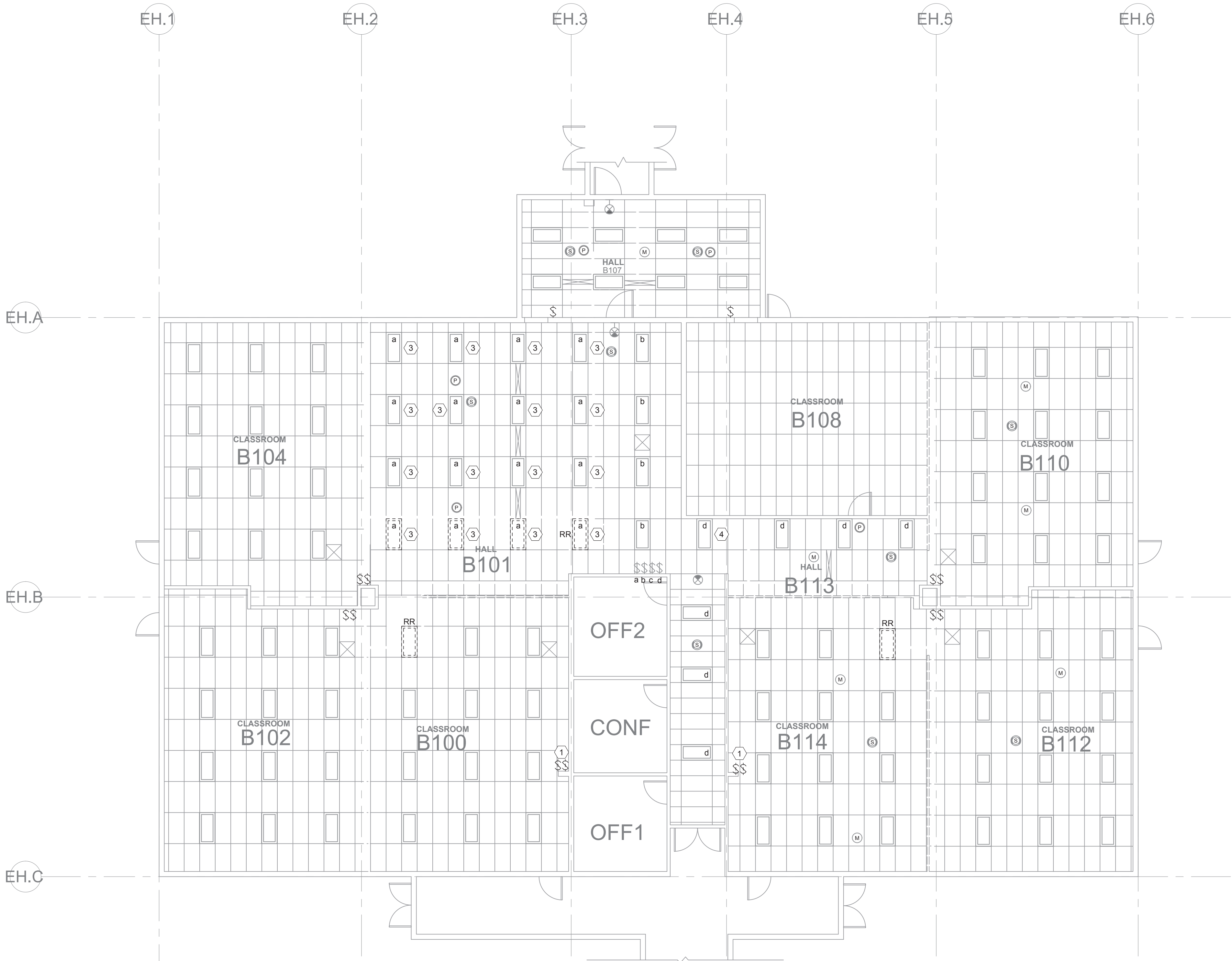


GENERAL SHEET NOTES

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

SHEET KEY NOTES

1. REMOVE EXISTING SINGLE POLE LIGHT SWITCHES AS SHOWN. SEE SHEET EH-E2 FOR INSTALLATION OF NEW 3-WAY SWITCHES.
2. NOT USED.
3. REMOVE EXISTING LIGHT FIXTURES FROM CORRIDOR SWITCH a. SEE SHEET EH.E3 FOR NEW SWITCHING SCHEME.
4. REMOVE EXISTING LIGHT FIXTURES FROM CORRIDOR SWITCH d. SEE SHEET EH.E3 FOR NEW SWITCHING SCHEME.



1 ERROL HASSEL ELECTRICAL CEILING DEMOLITION PLAN - A  
SCALE: 1/8" = 1'-0"



#### GENERAL SHEET NOTES

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

#### SHEET KEY NOTES

- REMOVE PORTION OF EXISTING SURFACE MOUNTED RACEWAY. COORDINATE EXACT AMOUNT OF RACEWAY TO BE REMOVED WITH LOCATION OF NEW WALL. EXTEND EXISTING CIRCUIT TO REMAINING RACEWAY AND CONNECT COMPLETE.
- CONTRACTOR SHALL DEMOLISH EXISTING DATA OUTLET. EXISTING HORIZONTAL DATA CABLES SHALL BE REUSED IN NEW DATA OUTLET. SEE SHEET EH-E4.
- REMOVE EXISTING DOUBLE DUPLEX RECEPTACLE AND INSTALL A DUPLEX RECEPTACLE IN ITS PLACE. SEE SHEET EH-E4.

**CONVERGENCE**  
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**Landis Consulting**  
ENGINEERING SERVICES

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BEAVERTON SCHOOL DISTRICT

**SECURITY UPGRADES**

ERROL HASSELL ELEMENTARY SCHOOL  
18100 SW BANY RD.  
BEAVERTON, OR 97007

BID/PERMIT SET

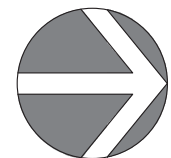
Date: 12/10/2021  
Project #: 4008  
Drawn by: SR  
Checked by: BP

Revisions:

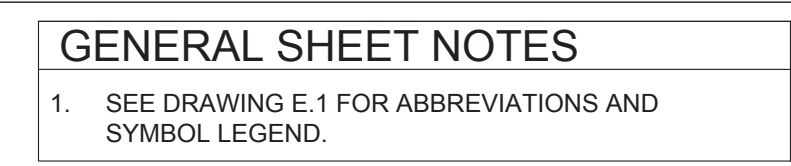
ERROL HASSELL  
ELECTRICAL  
DEMOLITION  
FLOOR PLAN - B

**EH.ED4**

**1 ERROL HASSELL ELECTRICAL DEMOLITION FLOOR PLAN - B**  
SCALE: 1/8" = 1'-0"







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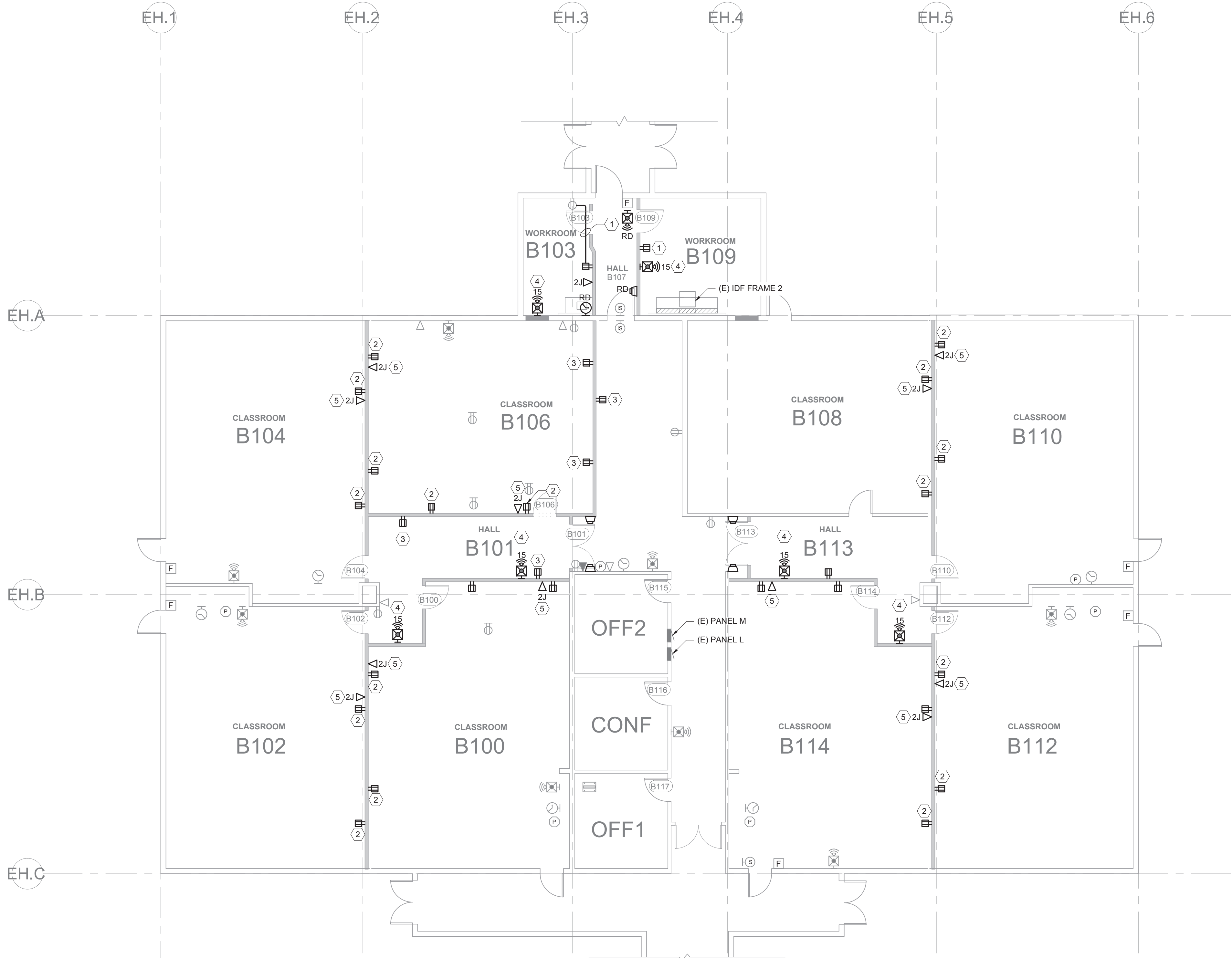
BEAVERTON SCHOOL DISTRICT  
**SECURITY UPGRADES**  
ERROL HASSELL ELEMENTARY SCHOOL  
18100 SW BANY RD,  
BEAVERTON, OR 97007  
BID/PERMIT SET

Date: 12/10/2021  
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Revisions:

ERROL HASSEL  
ELECTRICAL  
CEILING  
DEMOLITION  
PLAN - B

EH-ED5



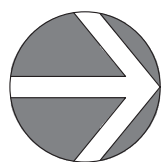
GENERAL SHEET NOTES

1. SEE DRAWING E.1 FOR ABBREVIATIONS AND SYMBOL LEGEND
2. ALL NEW HORIZONTAL DATA CABLING SHALL ORIGINATE IN WORKROOM B109 ON THE EXISTING RACK.

SHEET KEY NOTES

1. NEW RECEPTACLE SHALL BE WIRED TO LOCAL RECEPTACLE BRANCH CIRCUIT. CONTRACTOR SHALL INTERCEPT AND EXTEND EXISTING CIRCUITING TO NEW RECEPTACLE LOCATION.
2. CONTRACTOR SHALL UTILIZE AND EXTEND CONDUIT AND WIRE, LEFT FROM DEMOLISHED POWER POLE TO NEW RECEPTACLE.
3. CONTRACTOR SHALL UTILIZE AND EXTEND CONDUIT AND WIRE LEFT FROM DEMOLISHED CEILING RECEPTACLE TO NEW RECEPTACLE.
4. INSTALL NEW FIRE ALARM STROBE IN NEW WALL. COORDINATE EXACT CONNECTION REQUIREMENTS WITH SIMPLEX.
5. CONTRACTOR SHALL UTILIZE AND EXTEND HORIZONTAL CABLES, LEFT FROM DEMOLISHED POWER POLE TO NEW DATA RECEPTACLE.

1 ERROL HASSEL ELECTRICAL FLOOR PLAN - A  
SCALE: 1/8" = 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
RA4	48"L x 24"W x 2"D RECESSED LUMINAIRE ALUMINUM FRAME, WITH STAIN WHITE LENS.	LED	3000 LM	80	4000K	STANDARD 0-10V	NO	NO	UNV	37 WATTS	LITHONIA	EPANL SERIES
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.	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
1. 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.

2. INSTALL NEW 3-WAY SWITCHES.

3. PROVIDE NEW SINGLE POLE WALL SWITCH AS SHOWN AND CONNECT TO EXISTING LIGHT FIXTURES IN ROOM.

4. CONTRACTOR SHALL WIRE EMERGENCY LIGHT FIXTURES TO EXISTING EMERGENCY CIRCUIT.

5. CONTRACTOR SHALL REUTILIZE EXISTING LIGHT SWITCH.

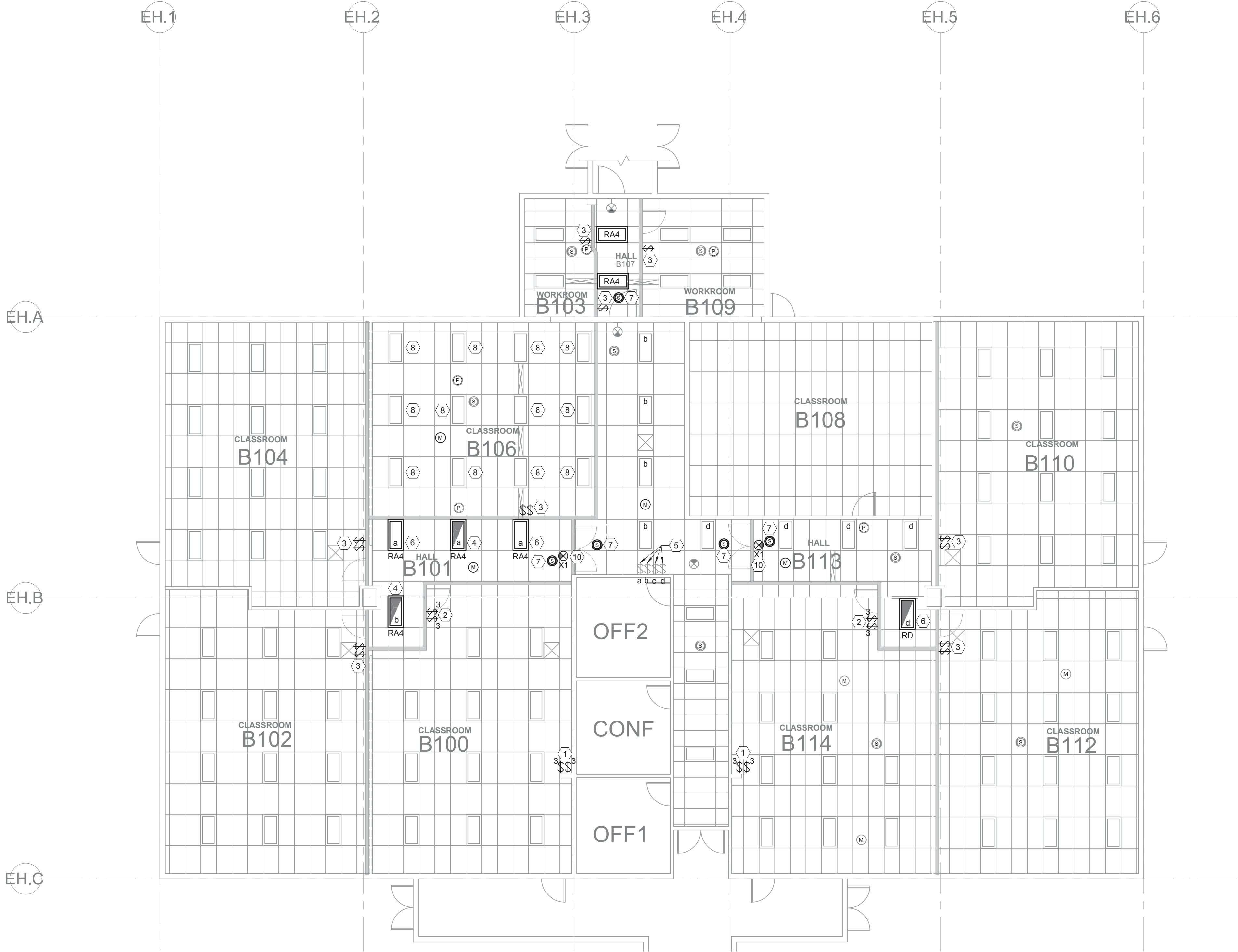
6. CONTRACTOR SHALL WIRE LIGHT FIXTURE TO EXISTING EMERGENCY LIGHT BRANCH CIRCUIT.

7. INSTALL NEW SMOKE DETECTOR IN CEILING. COORDINATE EXACT CONNECTION REQUIREMENTS WITH SIMPLEX.

8. CONNECT EXISTING LIGHT FIXTURES TO NEW SWITCHES IN CLASSROOM. PROVIDE SWITCHING TYPICAL OF OTHER CLASSROOMS.

9. NOT USED.

10. CONTRACTOR SHALL CONNECT NEW EXIT FIXTURE TO EXISTING NON-SWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT.



1

ERROL HASSEL ELECTRICAL CEILING PLAN - A

SCALE: 1/8" = 1'-0"



- GENERAL SHEET NOTES
1.

SEE DRAWING E.1 FOR ABBREVIATIONS AND SYMBOL LEGEND.
2.

ALL INTRUSION SENSORS SHALL BE MOUNTED AT AN ELEVATION TO MATCH THE EXISTING SENSORS IN THIS BUILDING.
- SHEET KEY NOTES
1.

CONTRACTOR SHALL UTILIZE AND EXTEND BRANCH CIRCUIT CONDUIT AND WIRING, LEFT FROM DEMOLISHED RECEPTACLE
2.

INSTALL NEW FIRE ALARM STROBE IN NEW WALL. COORDINATE EXACT CONNECTION REQUIREMENTS WITH SIMPLEX.
3.

INSTALL NEW DATA OUTLET. CONTRACTOR SHALL UTILIZE EXISTING HORIZONTAL DATA CABLES, LEFT FROM DEMOLISHED DATA OUTLET.
4.

INSTALL DUPLEX RECEPTACLE IN PLACE OF EXISTING DOUBLE DUPLEX RECEPTACLE AND PROVIDE NEW FACEPLATE. EXTEND EXISTING CIRCUIT TO NEW DUPLEX RECEPTACLE AS SHOWN.
5.

INTRUSION SENSOR AND DOOR CONTACT SHALL BE WIRED TO THE EXISTING INTRUSION ZONE IN THIS BUILDING. INTERCEPT AND EXTEND THE EXISTING INTRUSION CIRCUIT. FIELD VERIFY EXACT LOCATION OF NEAREST INTRUSION CIRCUIT JUNCTION BOX.

1

ERROL HASSEL ELECTRICAL FLOOR PLAN - B

SCALE: 1/8" = 1'-0"

CONVERGENCE  
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REGISTERED PROFESSIONAL  
ENGINEER

86683

Digital Signature

OREGON

MAY 08, 2012

BENJAMIN E. PERRY

EXPIRES: 12-31-2022

BEAVERTON SCHOOL DISTRICT

SECURITY UPGRADES

ERROL HASSELL ELEMENTARY SCHOOL  
18100 SW BANY RD.  
BEAVERTON, OR 97007

BID/PERMIT SET

Date: 12/10/2021

Project #: 4008

Drawn by: SR

Checked by: BP

Revisions:

ERROL  
HASSEL  
ELECTRICAL  
FLOOR PLAN -  
B

EH-E4





- GENERAL SHEET NOTES
1.

SEE DRAWING E.1 FOR ABBREVIATIONS AND SYMBOL LEGEND.
2.

WIRE EXIT SIGNS TO LOCAL LIGHTING BRANCH CIRCUIT AHEAD OF ALL SWITCHING.
3.

SEE SHEET EH.E3 FOR NEW LUMINAIRE INFORMATION.
- SHEET KEY NOTES

1.

CONTRACTOR SHALL REUTILIZE EXISTING LIGHT SWITCH AND WIRE TO ROOM A112.

2.

PROVIDE NEW SINGLE POLE WALL SWITCH AS SHOWN AND CONNECT TO EXISTING LIGHT FIXTURES IN ROOM.

3.

CONTRACTOR SHALL WIRE EMERGENCY LIGHT FIXTURES TO EXISTING EMERGENCY CIRCUIT.

4.

INSTALL NEW SMOKE DETECTOR IN CEILING. COORDINATE EXACT CONNECTION REQUIREMENTS WITH SIMPLEX.

5.

CONNECT RELOCATED LIGHT TO EXISTING ROOM SWITCH.

6.

CONTRACTOR SHALL CONNECT NEW EXIT FIXTURE TO EXISTING NON-SWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT.

7.

CONTRACTOR SHALL CONNECT NEW LIGHT FIXTURE TO EXISTING LIGHTING BRANCH CIRCUIT.

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BEAVERTON SCHOOL DISTRICT

SECURITY UPGRADES

ERROL HASSELL ELEMENTARY SCHOOL  
18100 SW BANY RD.  
BEAVERTON, OR 97007

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ERROL HASSELL  
ELECTRICAL  
CEILING PLAN  
- B

EH-E5





SECURITY UPGRADES  
GREENWAY ELEMENTARY SCHOOL

9150 SW DOWNING DR, BEAVERTON, OR 97008

CONTACT INFORMATION

OWNER:	BEAVERTON SCHOOL DISTRICT 16550 SW MERLO RD BEAVERTON, OR 97003
CLIENT CONTACT:	MEGAN FINCH, PROJECT MANAGER 16550 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

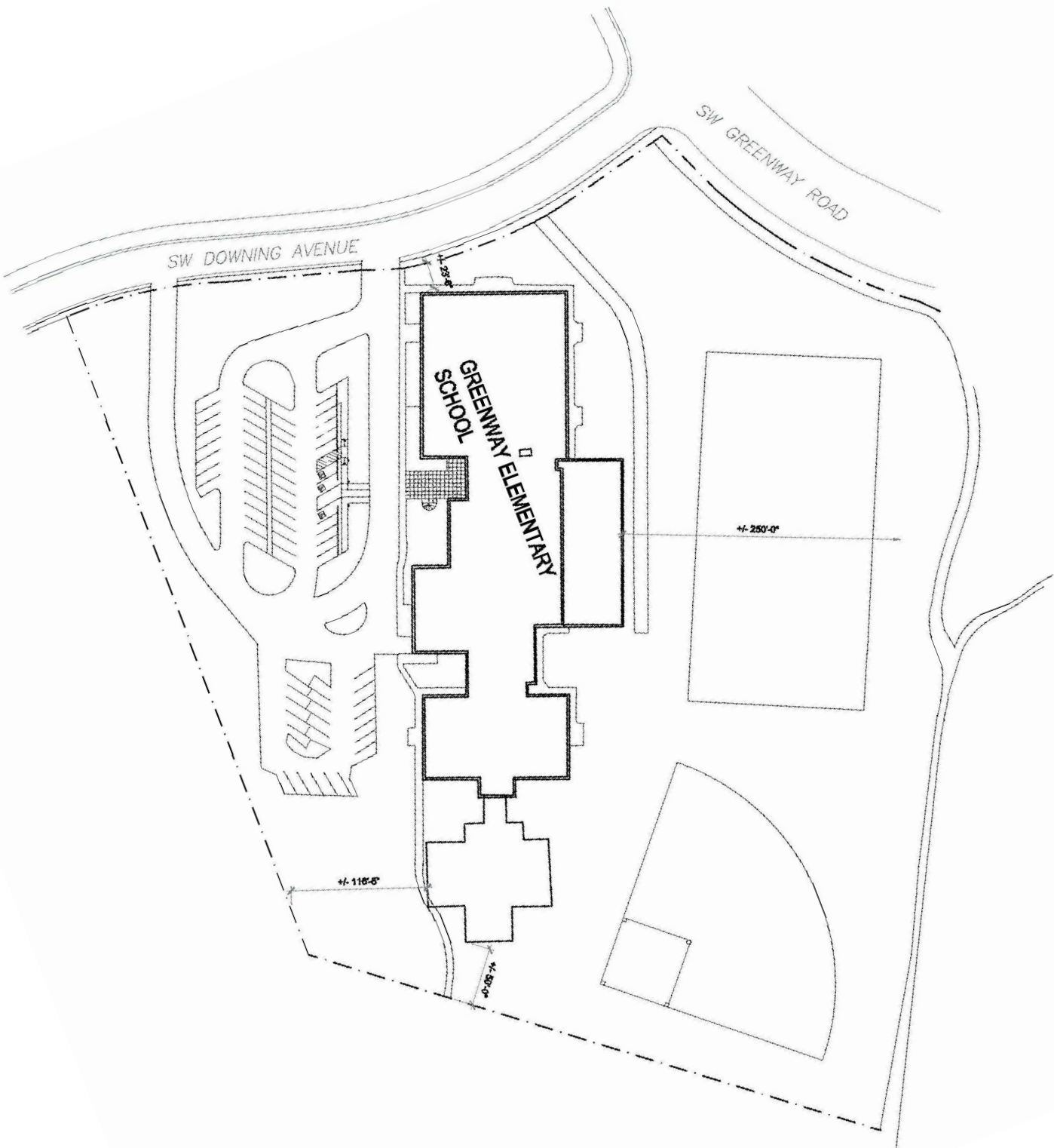
ADDING SECURE WALLS AND DOORS TO EACH OF THE CLASSROOM SPACES IDENTIFIED IN PROJECT SCOPE. MAINTAIN OR IMPROVE PATHS OF EGRESS AS REQUIRED BY CODE.

SHEET INDEX - G

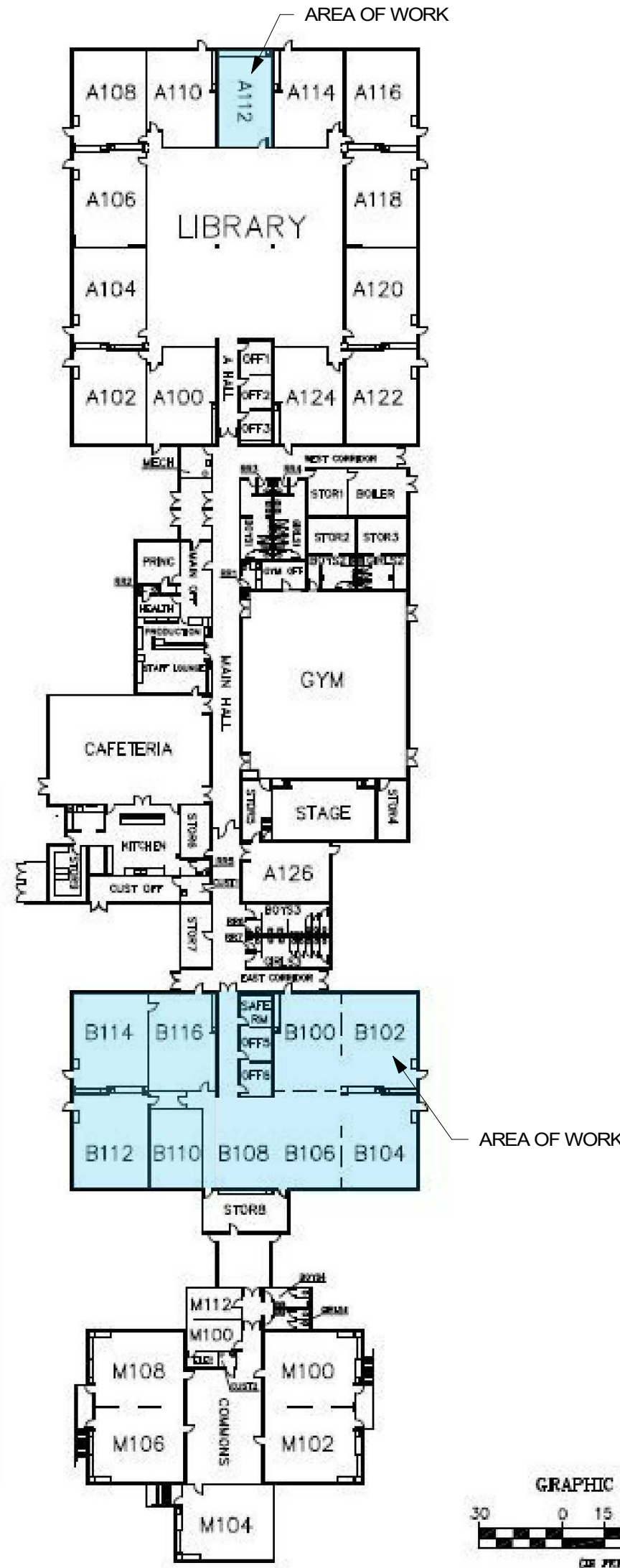
G.A0	COVER SHEET
G.A0.1	CODE REVIEW
G.A1	ACCESSIBILITY IMPROVEMENTS
G.A2	FLOOR PLANS AND SECTION
G.A3	SECTION, INTERIOR ELEVATIONS, SCHEDULES
G.A4	REFLECTED CEILING PLANS
A.8	GENERAL DETAILS
A.9	DOOR AND WINDOW DETAILS
E.1	ELECTRICAL LEGEND
G.ED2	ELECTRICAL DEMOLITION PLAN
G.ED3	ELECTRICAL CEILING DEMOLITION PLAN
G.E2	ELECTRICAL FLOOR PLAN
G.E3	ELECTRICAL CEILING PLAN



1 VICINITY PLAN  
NTS - FOR REFERENCE ONLY



2 SITE PLAN  
NTS - FOR REFERENCE ONLY



3 OVERALL FLOOR 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	NIC	NOT IN CONTRACT
CB	CIRCUIT BREAKER	OPER	OPERATOR/OPERABLE
CKT	CIRCUIT	OFCI	OWNER FURNISHED CONTRACTOR
CLG	CEILING		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
D	DATA	POS	POSITION/POINT OF SALE
DED	DEDICATED	PR	PAIR
DEV	DEVICE	PT	PRESSURE TREATED
DIST	DISTANCE	ROP	REFLECTED CEILING PLAN
DN	DOWN	RECEPT	RECEPTACLE
EWC	ELECTRIC WATER COOLER	REF	REFERENCE
(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	TELECOM	TELECOMMUNICATIONS
FIN FLR	FINISH FLOOR	TV	TELEVISION
FLR	FLOOR	TYP	TYPICAL
FOC	FACE OF COLUMN	UF	UNDER FLOOR
G.GND	GROUND	UG	UNDER GROUND
GA	Gauge	UON	UNLESS OTHERWISE NOTED
GALV	GALVANIZED	V	VOLT OR VOICE
GB	GRAB BAR	VIF	VERIFY IN FIELD
GFI, GFCI	GROUND FAULT CIRCUIT INTERRUPTER	WAP	WIRELESS ACCESS POINT
GYP BD	GYP SUM BOARD	WD	WOOD
		WP	WEATHERPROOF
		XFMR	TRANSFORMER



**Legend:**

- FIRE EXTINGUISHER AS NOTED
- FIRE EXTINGUISHER CABINET AS NOTED
- OCCUPANT EGRESS LOAD AT DOOR
- EXIT SIGN

**Occupancy Classification Table:**

ASSEMBLY	OCCUPANCY CLASSIFICATION
A-3	
AREA 528	AREA - SQUARE FEET
OLF 15	OCCUPANCY LOAD FACTOR, GROSS (NET WHERE NOTED)
OCC 36	NUMBER OF OCCUPANTS

**Fire Barrier and Travel Distance Symbols:**

- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER
- 3 HOUR FIRE BARRIER
- 4 HOUR FIRE BARRIER
- BUILDING/AREA DIAGONAL
- EXIT SEPARATION DISTANCE (1/3rd BLDG/AREA DIAGONAL MAX)
- EATD EXIT ACCESS TRAVEL DISTANCE (E = 200' MAX)
- CPET COMMON PATH OF EGRESS TRAVEL (INCLUDED IN EATD) (E = 75' MAX)



PROPERTY ID#:	R244587
TAXLOT ID#:	1S127CB00100
RELEVANT CODES:	2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC)
YEAR OF ORIGINAL CONSTRUCTION:	1979
OVERALL BUILDING AREA:	

AREA A:  
ACTUAL AREA: 700 SF (EXISTING NO CHANGE)

AREA B:  
ACTUAL AREA: 8,909 SF (EXISTING NO CHANGE)

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

USE: ELEMENTARY SCHOOL (EXISTING, NO CHANGE)

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 SEPARATED INTO (4) FIRE SEPARATED AREAS. EXISTING TO REMAIN AS-IS.

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

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

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

- 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

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



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BEAVERTON SCHOOL DISTRICT  
**SECURITY UPGRADES**

150 SW DOWNING DR,  
BEAVERTON, OR 97008

BID / PERMIT SET

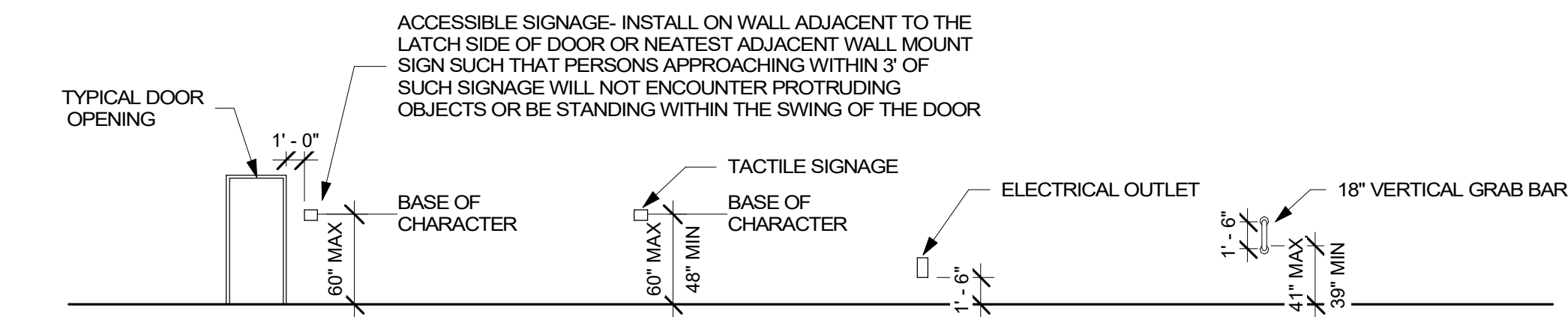
Date: 12/10/2021  
Project #: 4008  
Drawn by: GS  
Checked by: CGK

Revisions:

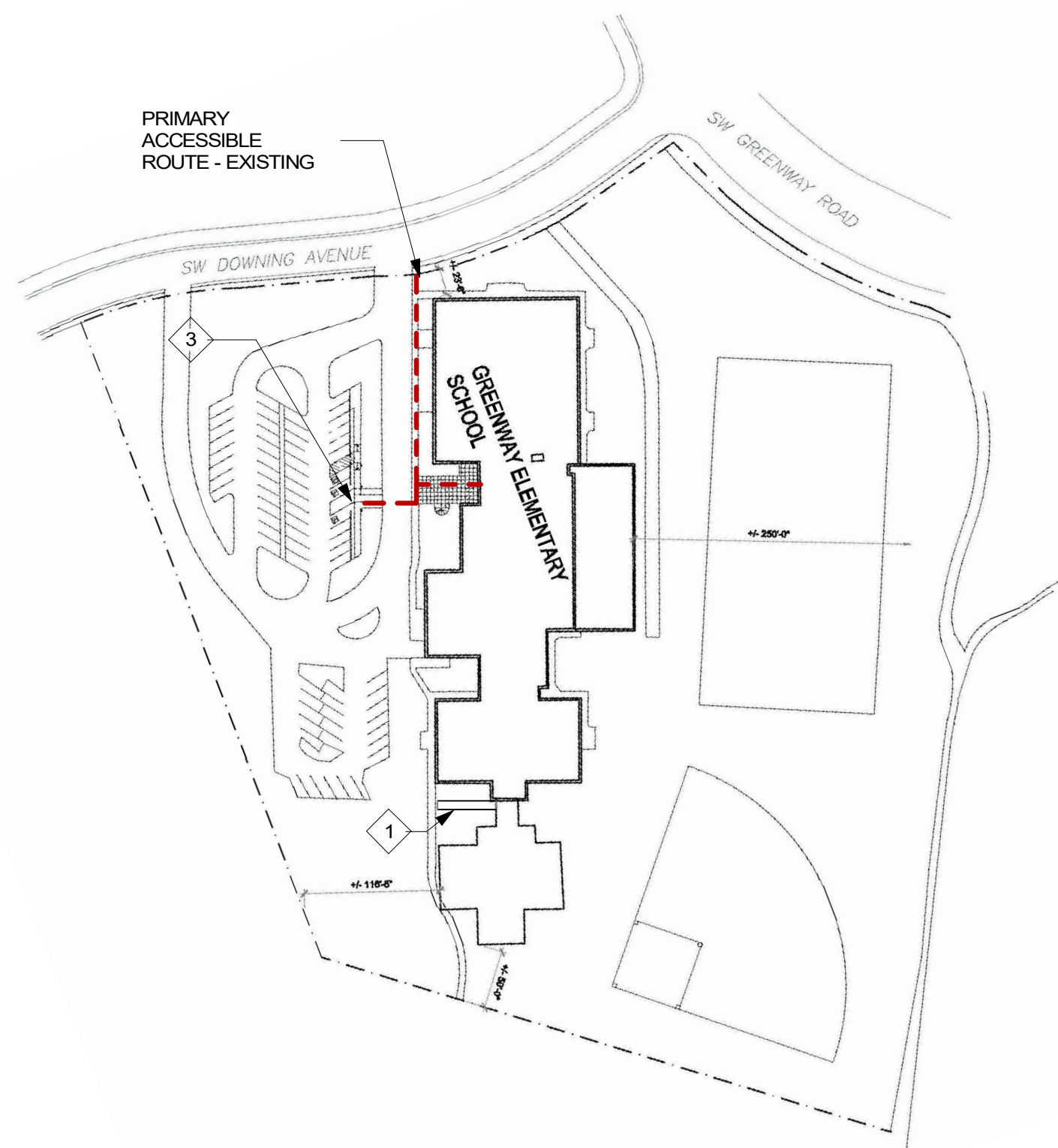
## CODE REVIEW

# G.A0.1

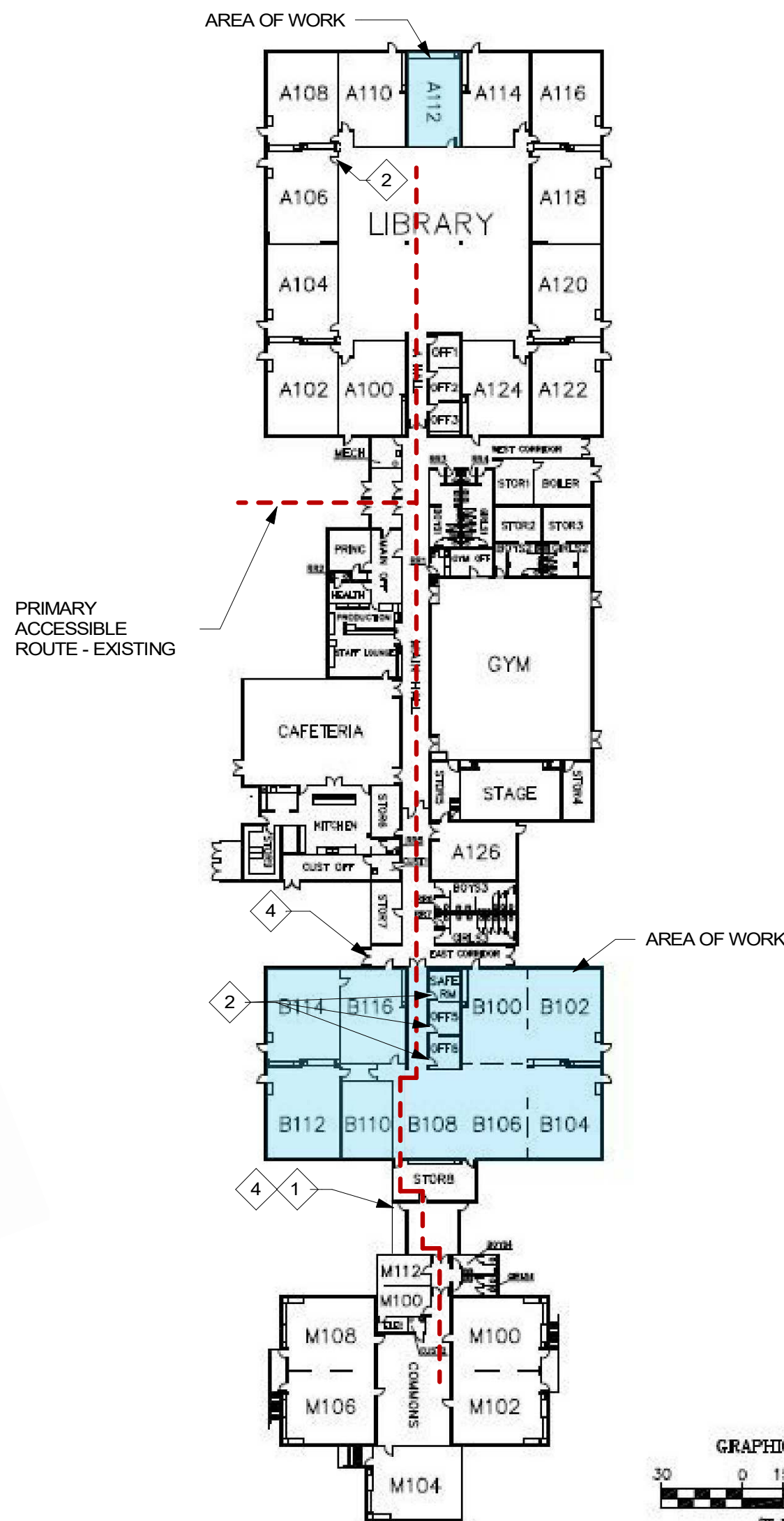




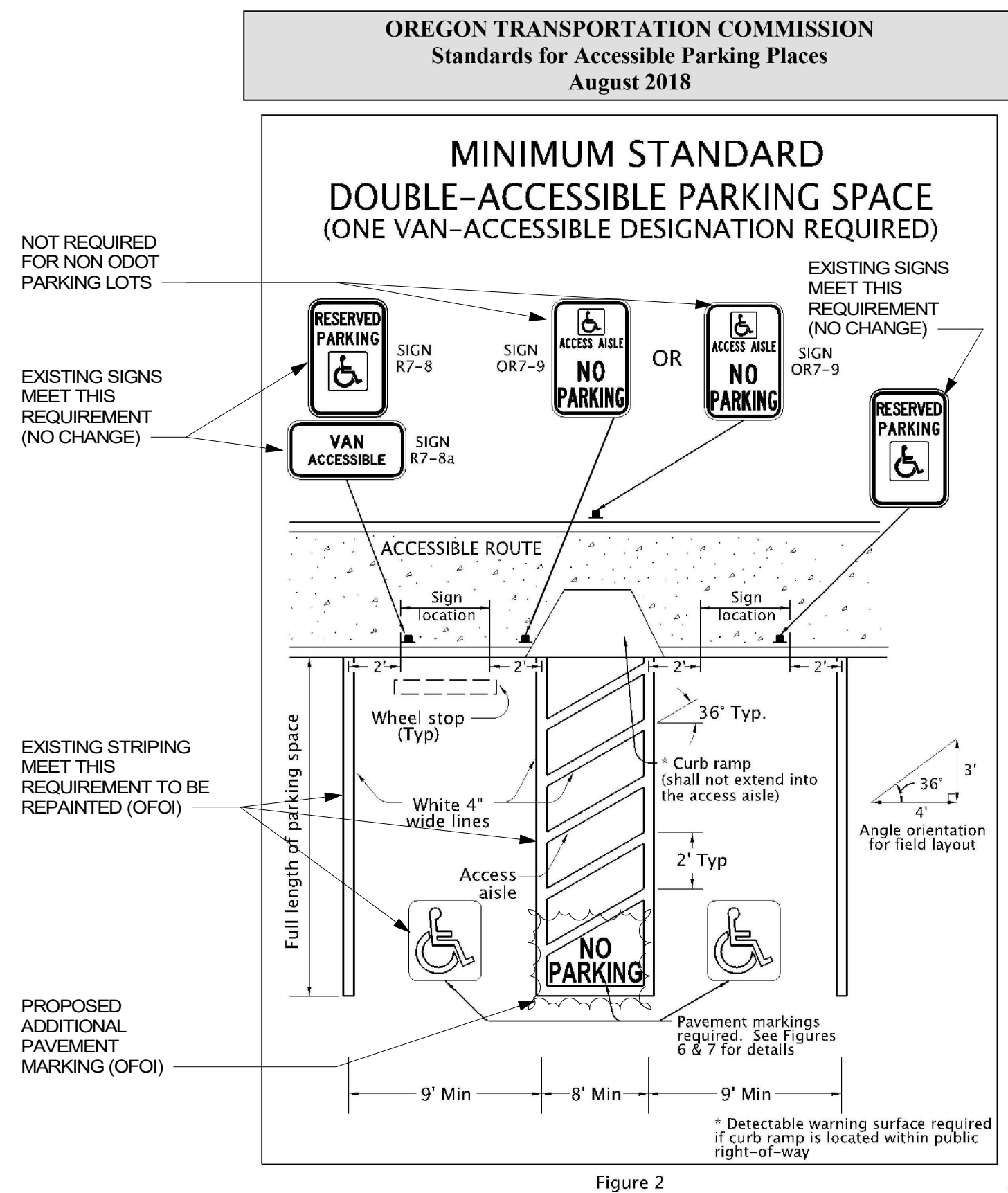
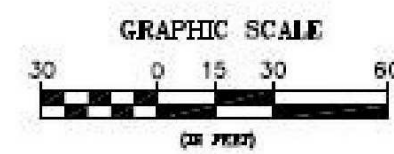
1 TYPICAL MOUNTING HEIGHTS



2 SITE PLAN  
NTS - FOR REFERENCE ONLY



3 OVERALL FLOOR 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.
1. OFOI - ADD AT ACCESSIBLE PARKING ACCESS AISLE "NO PARKING" SIGN AND STRIPING PER ODOT STANDARDS.
  2. OFCI - ACCESSIBLE ROOM SIGNAGE AT CLASSROOM AREAS FROM HALLWAY.
  3. REPLACE (3) DOOR KNOB HARDWARE AT OFFICES AND PANIC HARDWARE AT A106 WITH ACCESSIBLE LEVER TYPE HARDWARE.
  4. REPLACE NON-COMPLIANT DOOR HARDWARE (KNOBS) WITH COMPLIANT HARDWARE (LEVER).
  5. REPLACE EXTERIOR (72") AND (36") DOOR THRESHOLDS

### KEY NOTE LEGEND

1. REMOVE AND REPLACE ASPHALT PAVED WALK IN KIND EXCEPT AT DOOR - PROVIDE CONCRETE PAD AT DOOR. SEE FLOOR PLAN 1/G.A2
2. REPLACE (3) DOOR KNOB HARDWARE AT OFFICES AND PANIC HARDWARE AT A106 WITH ACCESSIBLE LEVER TYPE HARDWARE.
3. PARKING STRIPING AND "NO PARKING" PAINTING IN ACCESS ISLE PER FIGURE 2 (OFI).
4. REPLACE THRESHOLD WITH 1/2" MAX SADDLE THRESHOLD



## WALL LEGEND

EXISTING WALL	
NEW WALL - SEE DETAIL 1/A.8	
TRACKED PARTITION - DEMO BY OTHER	
REMOVE PARTITION - BOLTED	
DEMO WALL	

## FLOOR FINISH LEGEND

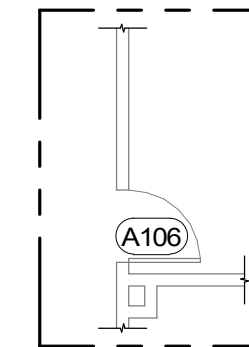
EXISTING FLOOR FINISH	
WALK OFF MAT	
BROADLOOM CARPET	
SALVAGED CARPET	

## PLAN CODE NOTES

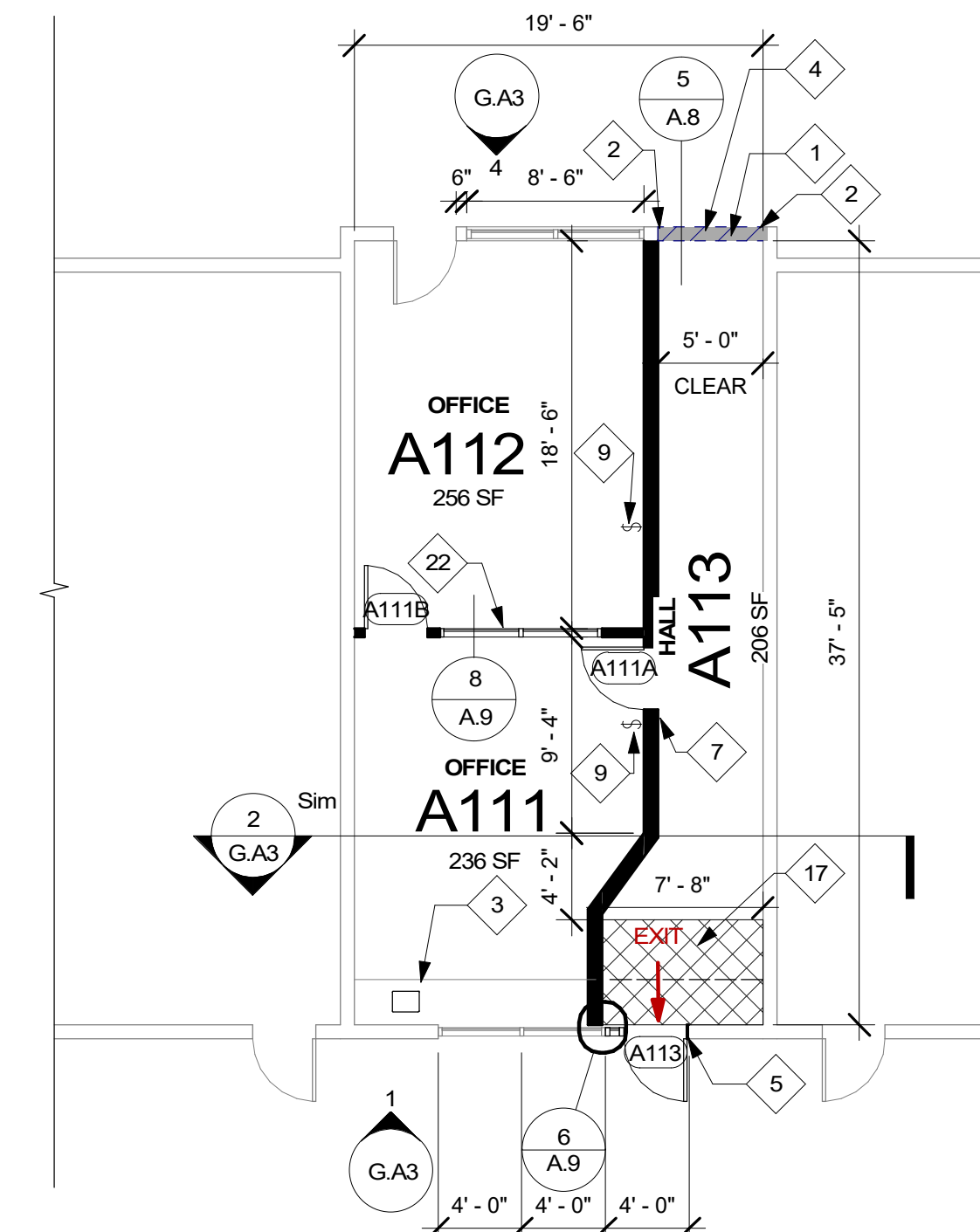
	ADA 5'-0" MINIMUM TURN RADIUS
	EXIT DOOR TO EXIT DISCHARGE

## ELECTRICAL LEGEND

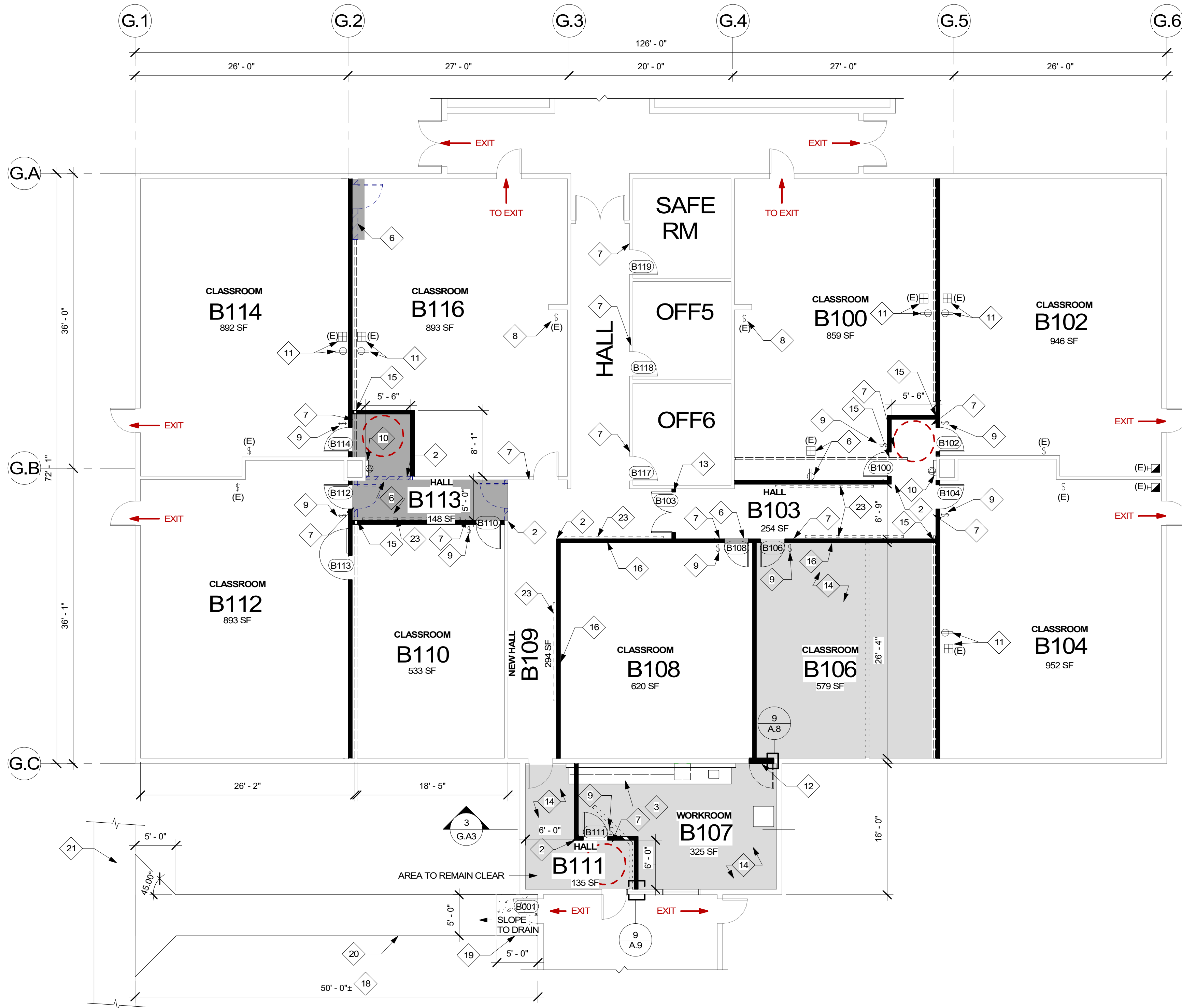
DUPLEX OUTLET	
POWER SWITCH	
POWER DROP	
DATA OUTLET	
FLOOR DATA OUTLET	
FLOOR DUPLEX OUTLET	
FIRE ALARM	
EXISTING	(E)
FIRE EXTINGUISHER	



DOOR HARDWARE TO BE REPLACED IN LIBRARY WING

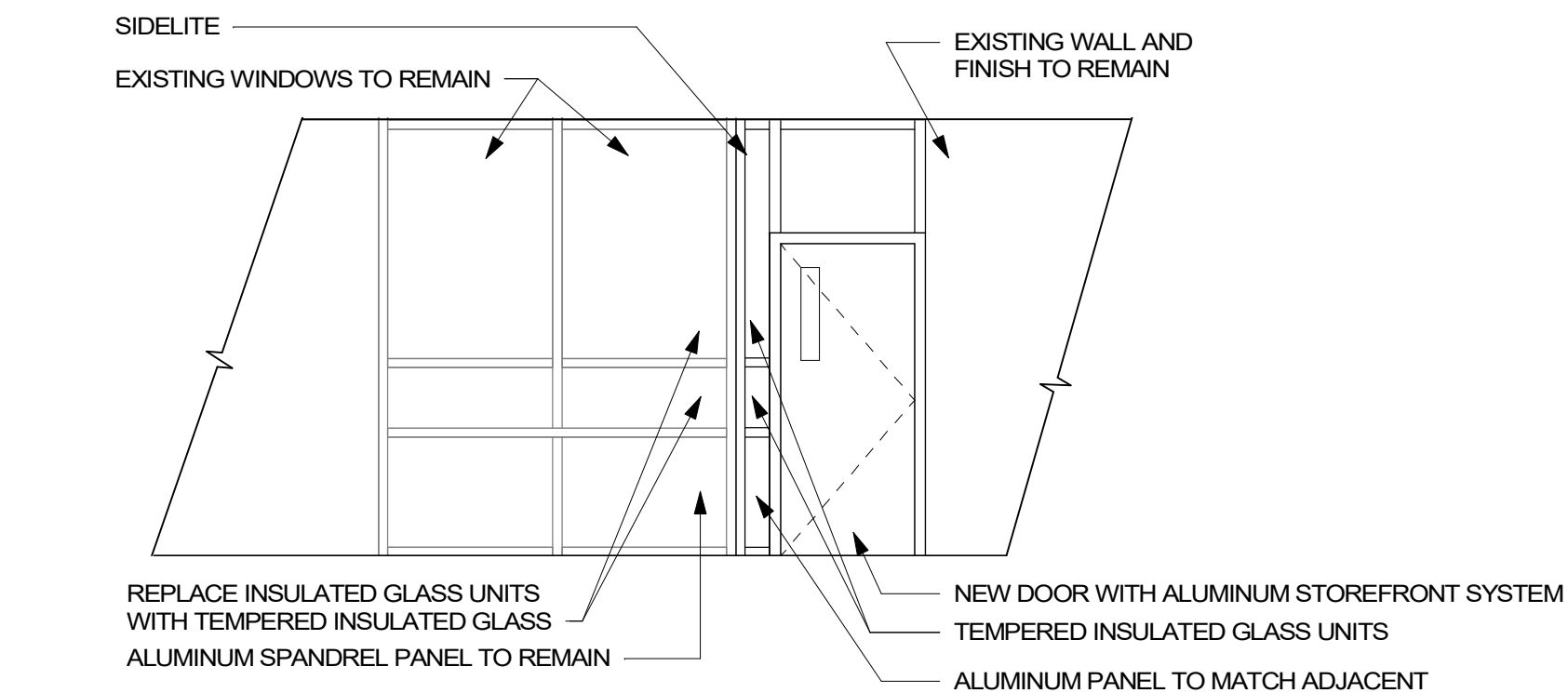


2 FLOOR PLAN B  
1/8" = 1'-0"

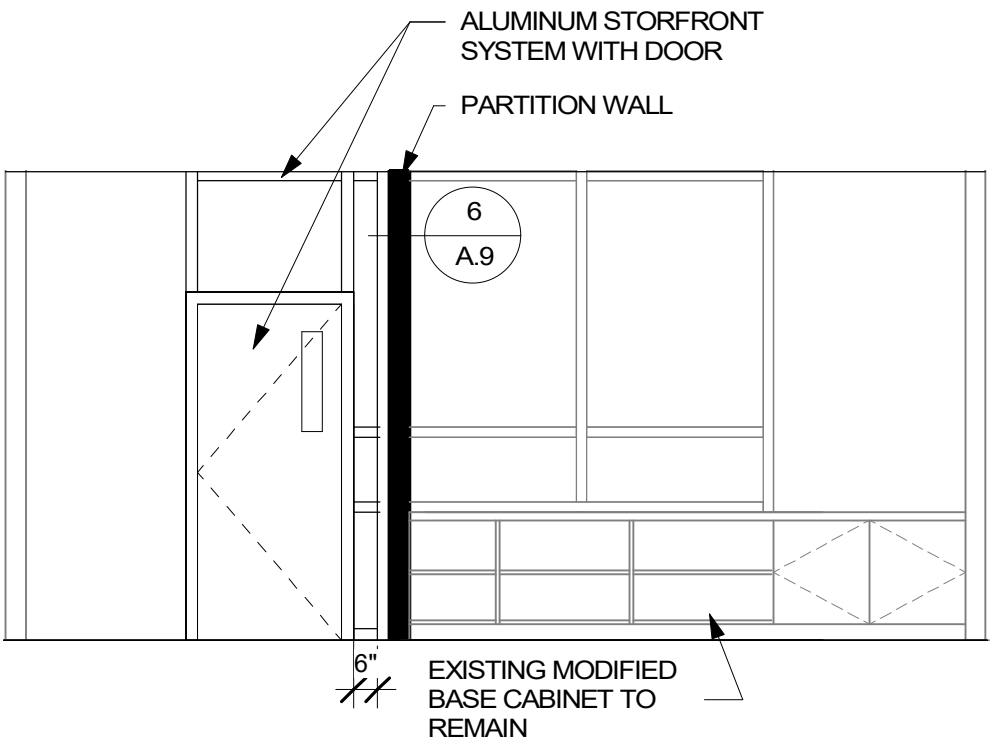


1 FLOOR PLAN A  
1/8" = 1'-0"

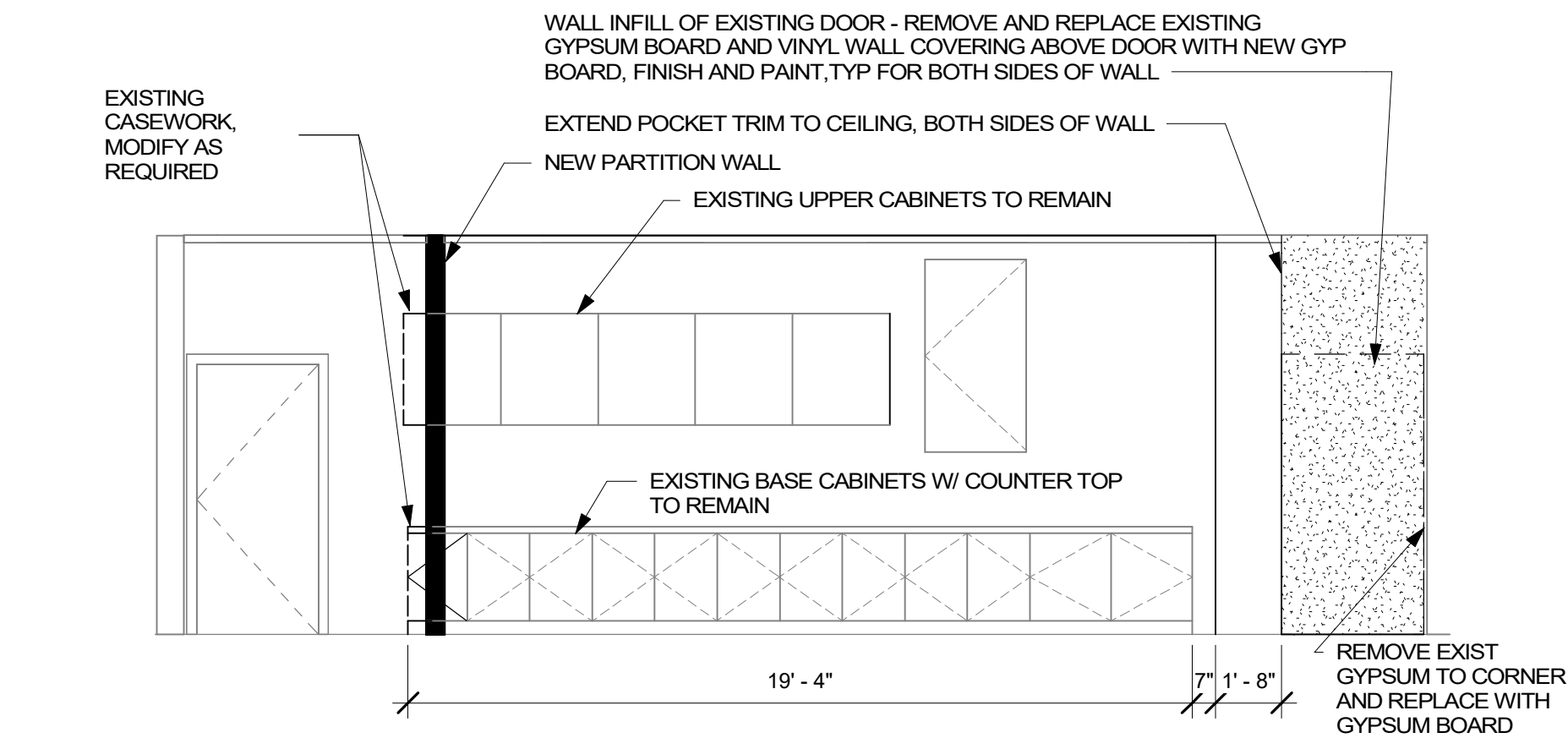




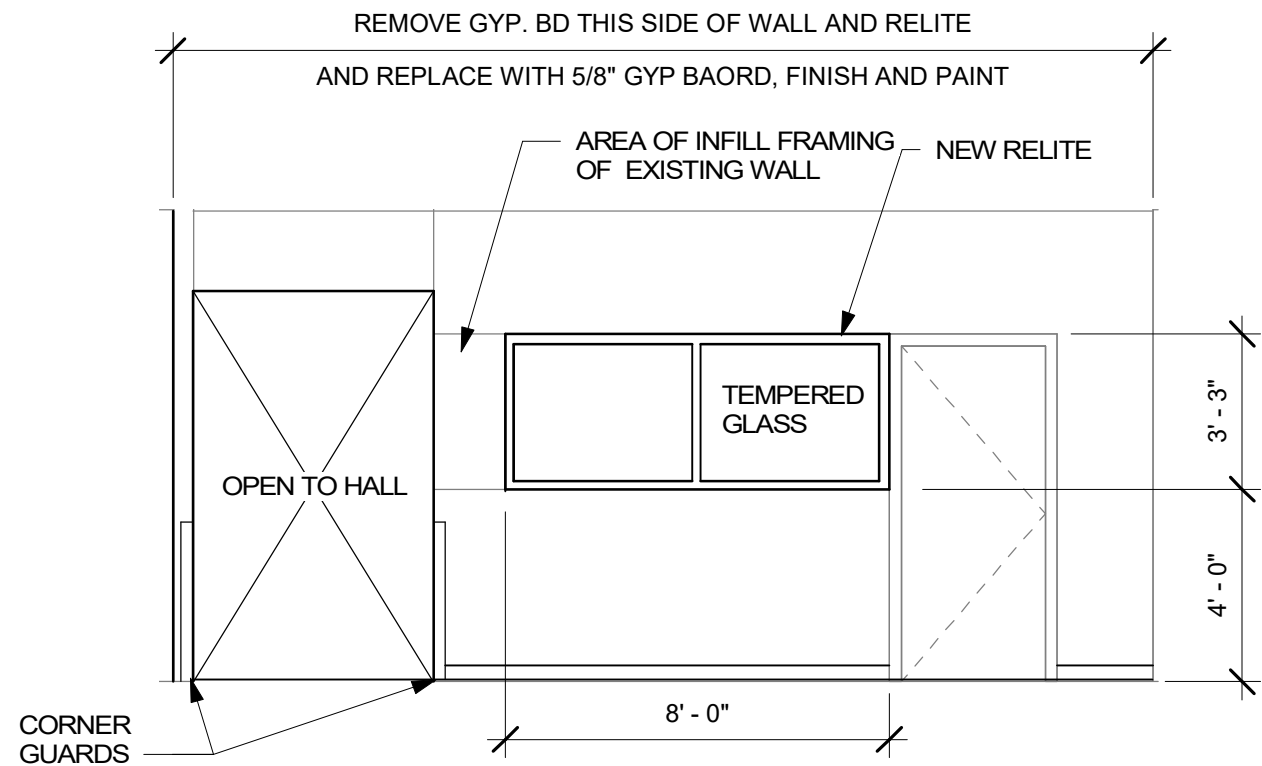
1 A111 EXTERIOR ELEVATION  
1/4" = 1'-0"



2 NEW HALL A113 SECTION  
1/4" = 1'-0"



3 GREENWAY SECTION / ELEVATION  
1/4" = 1'-0"



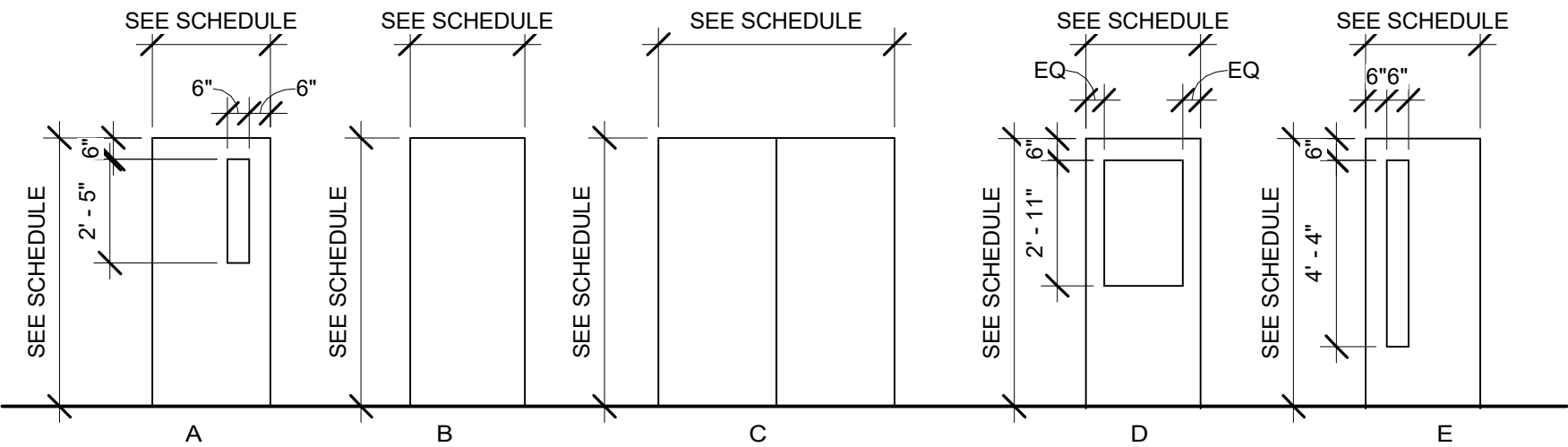
4 LIBRARY INTERIOR ELEVATION  
1/4" = 1'-0"

DOOR SCHEDULE - G1														
NO	HW	NEW / EXISTING	INT / EXT	DOOR								FRAME		DETAILS
				SIZE			TYPE	MATL	FINISH	GLASS	MATL	FINISH	JAMB	
				W	H	T								
A106	H-3	EXISTING	INTERIOR	3' - 0"	7' - 0"	1 3/4"	-	-	-	-	-	-	-	
A111A	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
A111B	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
A113	H-5	NEW	EXTERIOR	3' - 0"	7' - 0"	1 3/4"	A	HM	FACTORY	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
B001	H-4	EXISTING	EXTERIOR	3' - 0"	7' - 0"	1 3/4"	-	-	-	-	-	-	1/A.9	
B100	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
B102	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
B103	H-2	NEW	INTERIOR	5' - 0"	7' - 0"	2"	C	SOLID CORE WOOD	P-3	NONE	HM	P-2	1/A.9	
B104	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
B106	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
B108	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
B110	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
B111	H-1	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	A	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
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	1/A.9	
B113	H-6	NEW	INTERIOR	3' - 0"	7' - 0"	1 3/4"	D	SOLID CORE WOOD	P-3	CLEAR TEMPERED SAFETY GLASS	HM	P-2	1/A.9	
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	1/A.9	
B117	H-3	EXISTING	INTERIOR	3' - 0"	7' - 0"	1 3/4"	-	-	-	-	-	-	-	
B118	H-3	EXISTING	INTERIOR	3' - 0"	7' - 0"	1 3/4"	-	-	-	-	-	-	-	
B119	H-3	EXISTING	INTERIOR	3' - 0"	7' - 0"	1 3/4"	-	-	-	-	-	-	-	
Grand total: 19														

HM - HOLLOW METAL  
PR - EACH INDIVIDUAL LEAF OF A PAIR

ROOM FINISH SCHEDULE-G					
NUMBER	NAME	FLOOR FINISH	NEW WALL FINISH	Base Finish	Ceiling Finish
A111	OFFICE	(E) BROADLOOM CARPET	P-1	COVE BASE	EXISTING
A112	OFFICE	(E) BROADLOOM CARPET	P-1	COVE BASE	EXISTING
A113	HALL	(E) BROADLOOM CARPET + NEW WALK-OFF MAT + SALVAGED CARPET	P-1	COVE BASE	EXISTING
B100	CLASSROOM	(E) BROADLOOM CARPET + (E) VCT	P-1	COVE BASE	EXISTING
B102	CLASSROOM	(E) BROADLOOM CARPET + (E) VCT	P-1	COVE BASE	EXISTING
B103	HALL	(E) BROADLOOM CARPET	P-1	COVE BASE	EXISTING
B104	CLASSROOM	(E) BROADLOOM CARPET + (E) VCT	P-1	COVE BASE	EXISTING
B106	CLASSROOM	NEW BROADLOOM CARPET	P-1	COVE BASE	EXISTING
B107	WORKROOM	NEW BROADLOOM CARPET	P-1	COVE BASE	EXISTING
B108	CLASSROOM	(E) BROADLOOM CARPET + SALVAGED CARPET	P-1	COVE BASE	EXISTING
B109	NEW HALL	(E) BROADLOOM CARPET	P-1	COVE BASE	EXISTING
B110	CLASSROOM	(E) BROADLOOM CARPET	P-1	COVE BASE	EXISTING
B111	HALL	NEW BROADLOOM CARPET (1)	P-1	COVE BASE	EXISTING
B112	CLASSROOM	(E) BROADLOOM CARPET + (E) VCT	P-1	COVE BASE	EXISTING
B113	HALL	SALVAGED CARPET	P-1	COVE BASE	EXISTING
B114	CLASSROOM	(E) BROADLOOM CARPET + (E) VCT	P-1	COVE BASE	EXISTING
B116	CLASSROOM	(E) BROADLOOM CARPET + (E) VCT + SALVAGED CARPET	P-1	COVE BASE	EXISTING

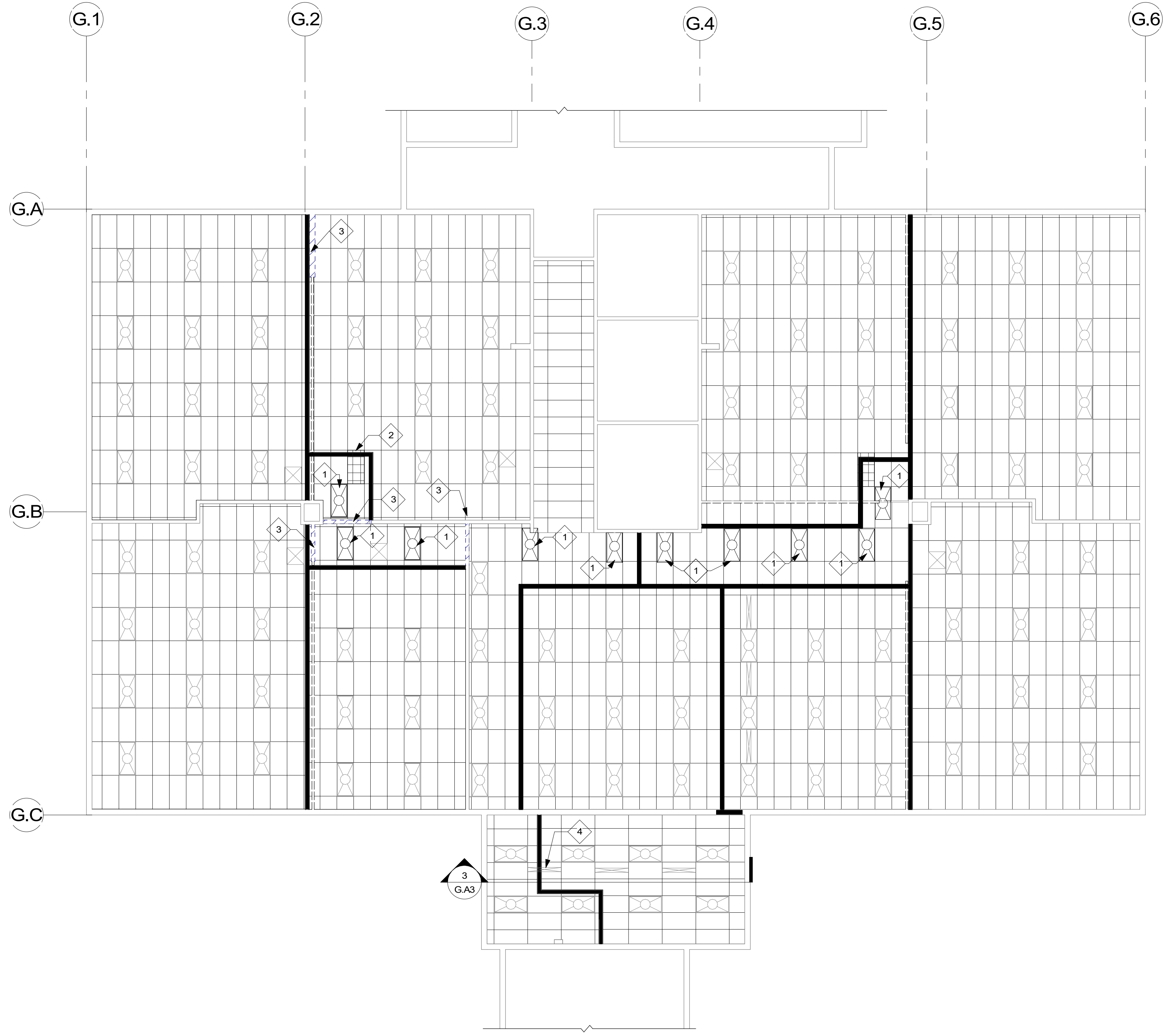
- (E) EXISTING CARPET AND VCT FLOOR TO REMAIN. SEE FLOOR PLAN FOR SPECIFIC REPAIRS AND EXTENTS OF NEW CARPET.
- (E) EXISTING ACT CEILING TO REMAIN. SEE REFLECTED CEILING PLAN FOR SPECIFIC REPAIRS
- SEE SPECIFICATIONS FOR PAINT TYPE AND COLOR SELECTION
- NEW WALLS TO BE PAINTED P-1. PAINTED AREAS WILL GO TO EITHER AN EXISTING WALL (CORNER) OR TO THE EDGE OF POCKET TRIM.
- NEW COVE BASE FINISH TO BE APPLIED ONLY TO NEW/REPAIRED WALLS. WHERE BASE DOESNT TERMINATE AT WALL CORNER, NEW BASE FINISH TO CONTINUE AND OVERLAP EXISTING WALLS 12" +/- ALL TRANSITIONS BETWEEN NEW CARPET AND (E) CARPET, TO HAVE A FLOOR TRANSITION, SEE SPECIFICATIONS.
- 



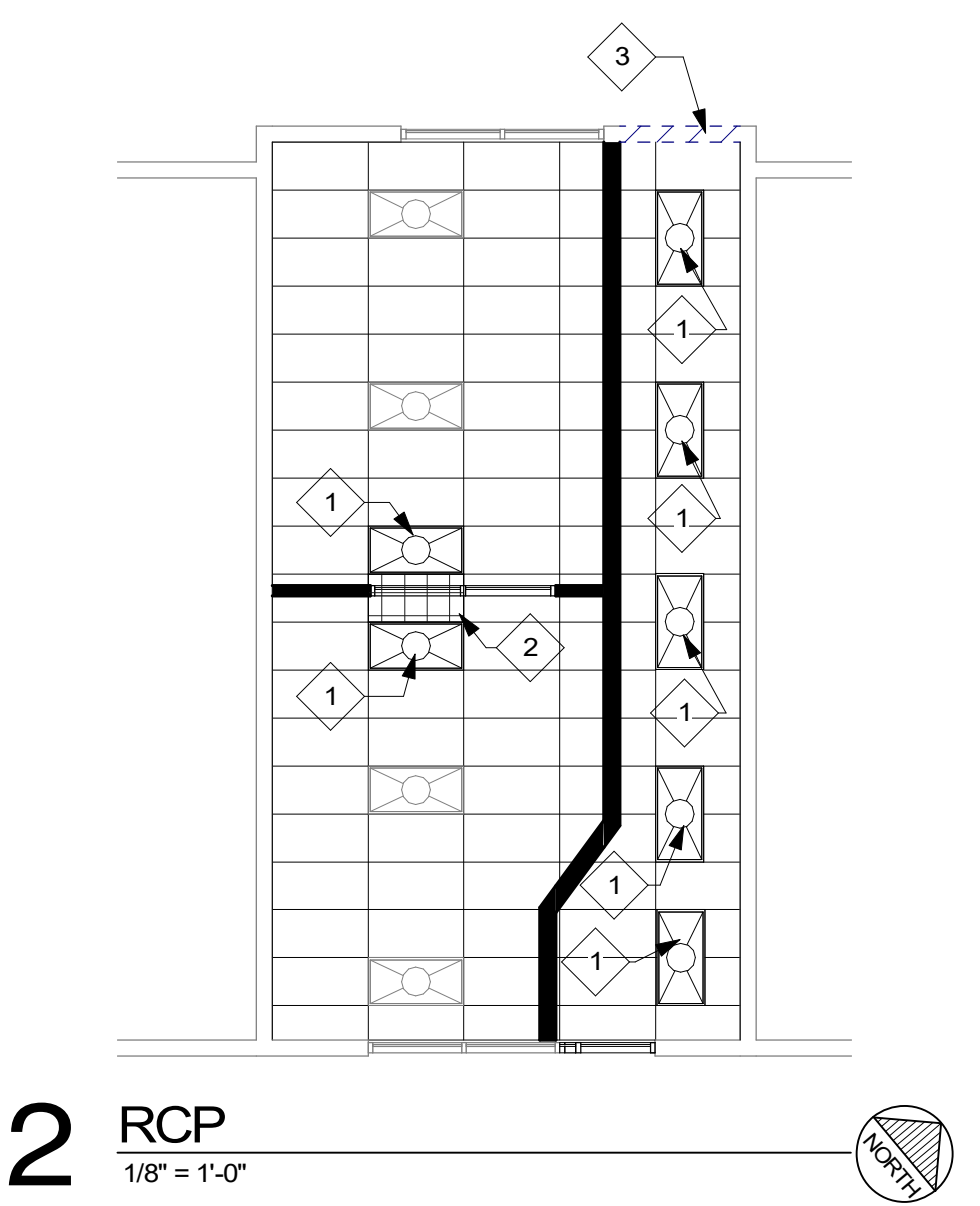
### STANDARD DOOR TYPES

- 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
  - TEMPERED GLASS AT ALL DOOR LITES





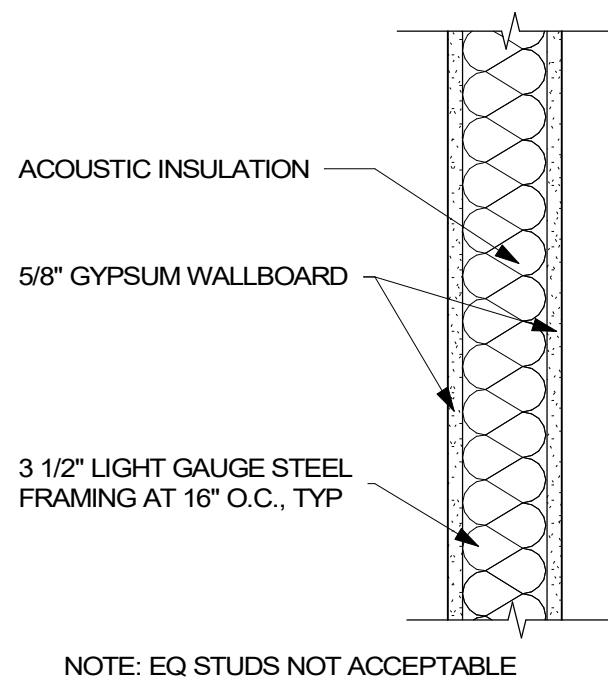
**1** RCP  
1/8" = 1'-0"



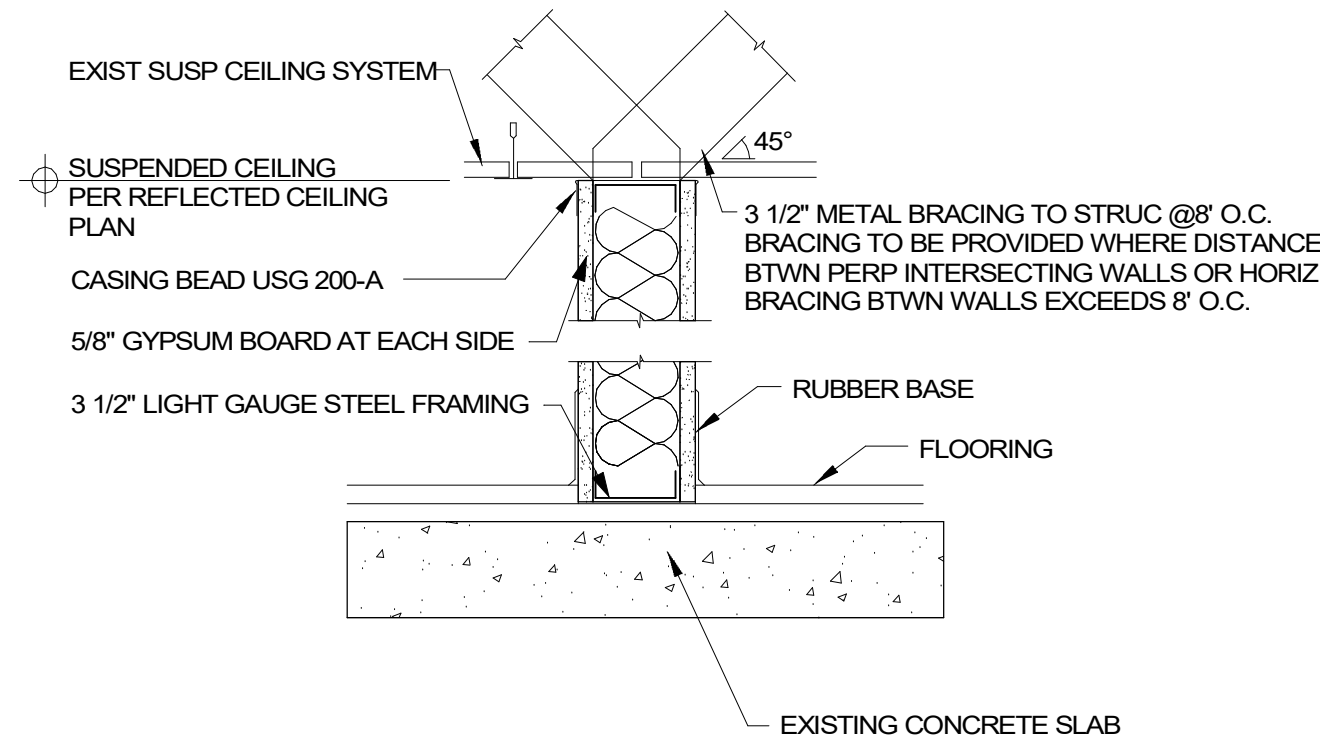
**2** RCP  
1/8" = 1'-0"

- RCP KEY NOTE LEGEND**
- ARCHITECTURAL PLANS ARE FOR REFERENCE ONLY, REFER TO ELECTRICAL.
1. NEW OR RELOCATED LIGHT. SEE ELECTRICAL FOR ADDITIONAL INFORMATION.
  2. PROVIDE NEW ACT TILE TO MATCH EXISTING AT RELOCATED LIGHT. SEE ELECTRICAL FOR ADDITIONAL DEMO AND NEW WORK INFORMATION.
  3. DEMO WALL, REPAIR CEILING.
  4. EXISTING DIFFUSER, MODIFY AS REQUIRED.

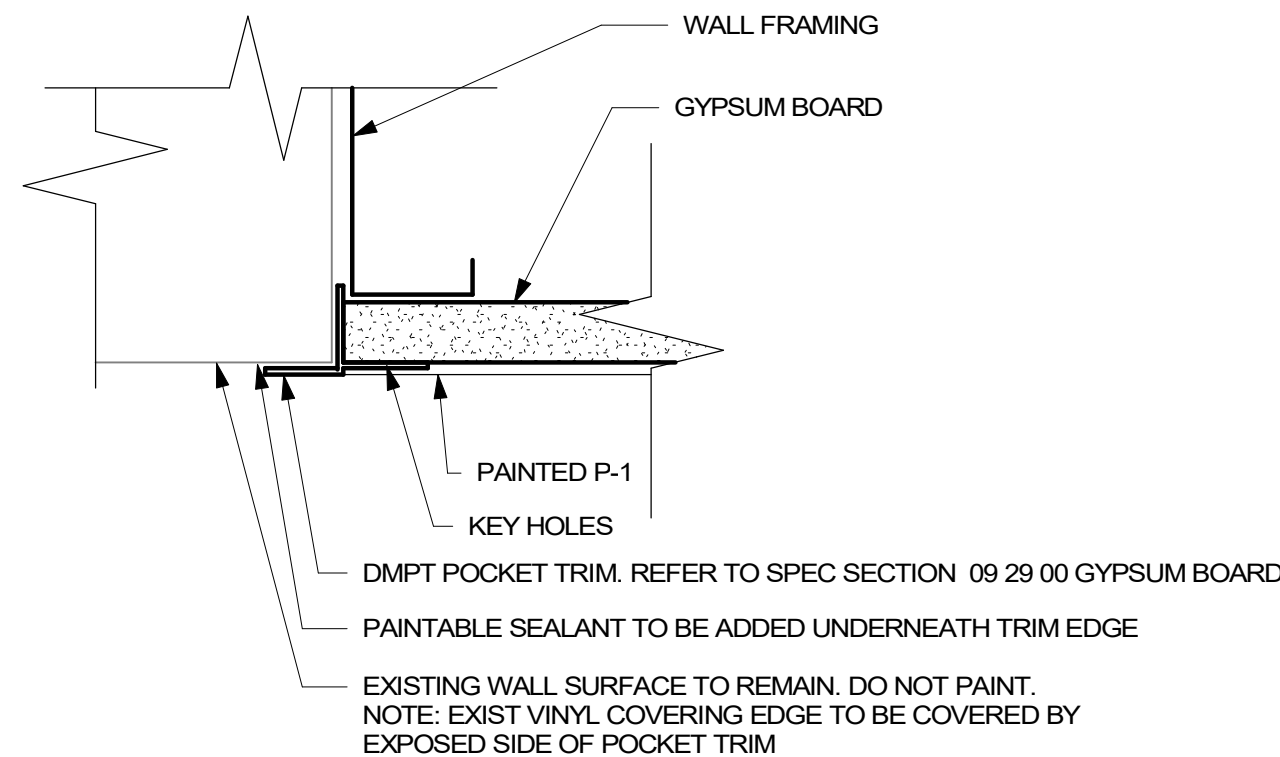
- RCP LEGEND**
- |                       |  |
|-----------------------|--|
| ACT CEILING: EXISTING |  |
| ACT CEILING: NEW      |  |
| 2X4 OVERHEAD LIGHT    |  |
| DIFFUSER              |  |



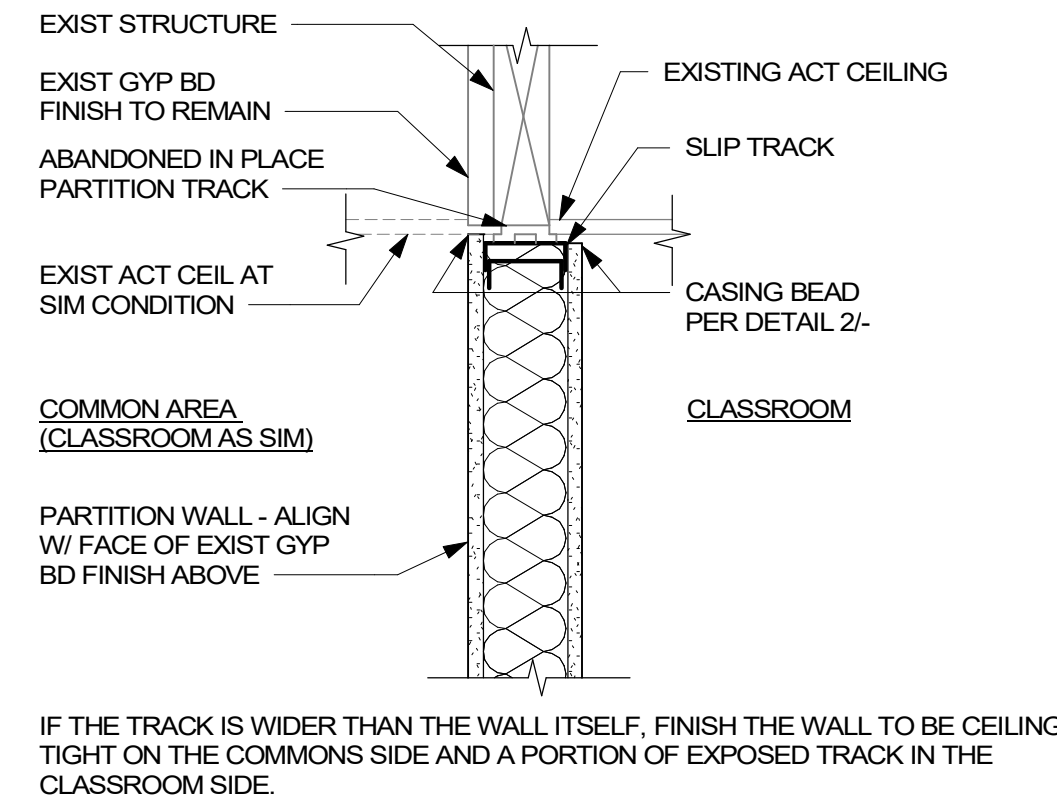
**1** TYPICAL WALL ASSEMBLY  
1 1/2" = 1'-0"



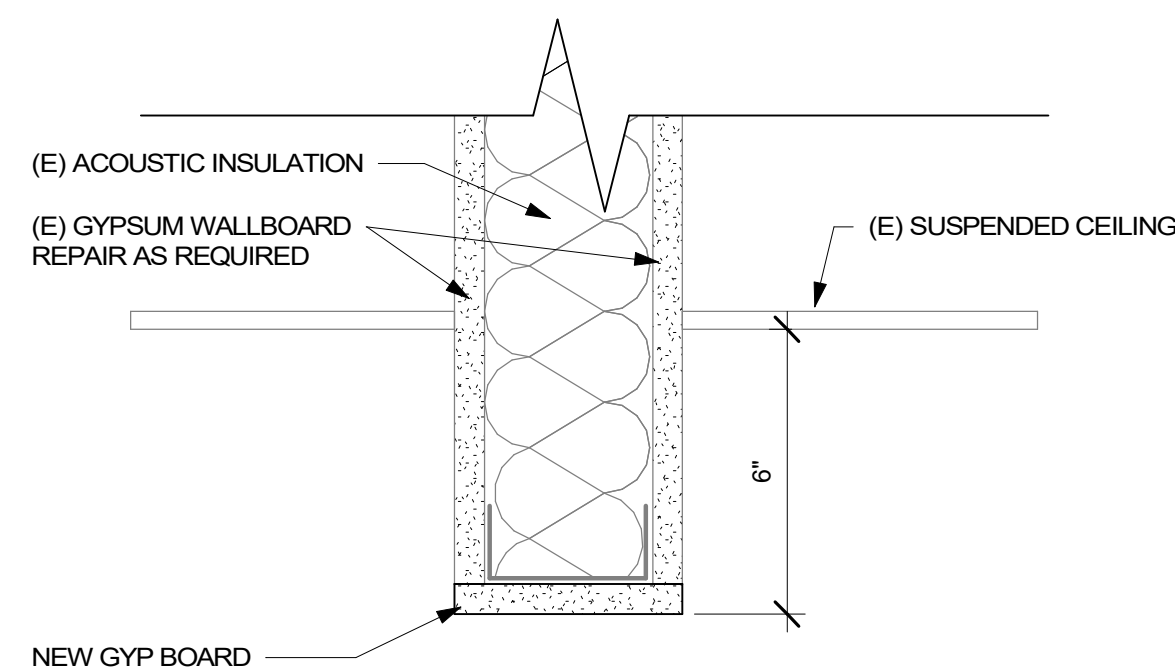
**2** WALL BASE TO UNDERSIDE OF ACT CEILING  
1 1/2" = 1'-0"



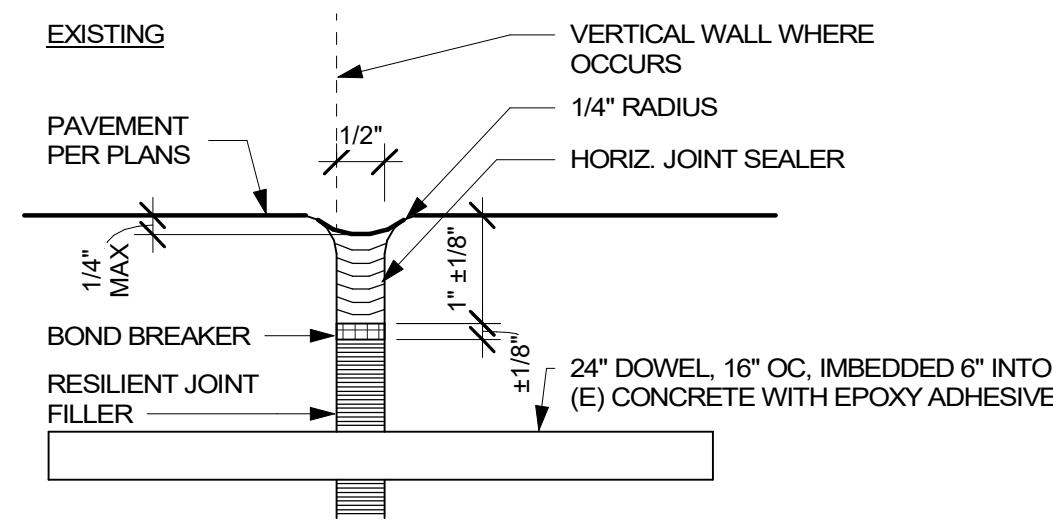
**3** POCKET TRIM DETAIL  
6" = 1'-0"



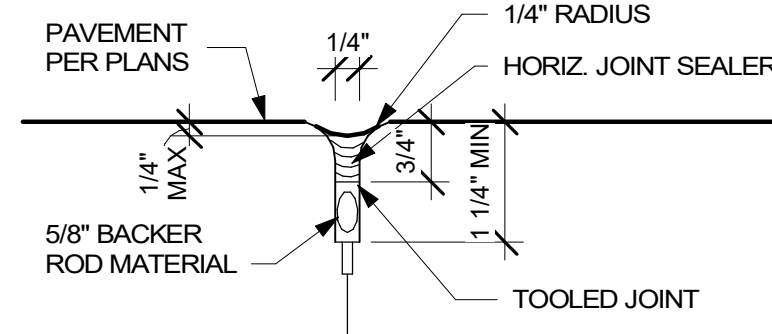
**4** WALL TO EXISTING PARTITION TRACK  
1 1/2" = 1'-0"



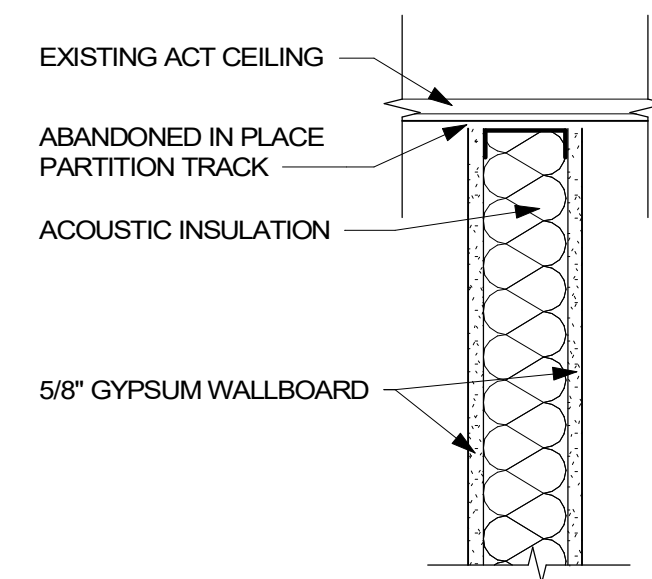
**5** INTERIOR SOFFIT DETAIL  
3" = 1'-0"



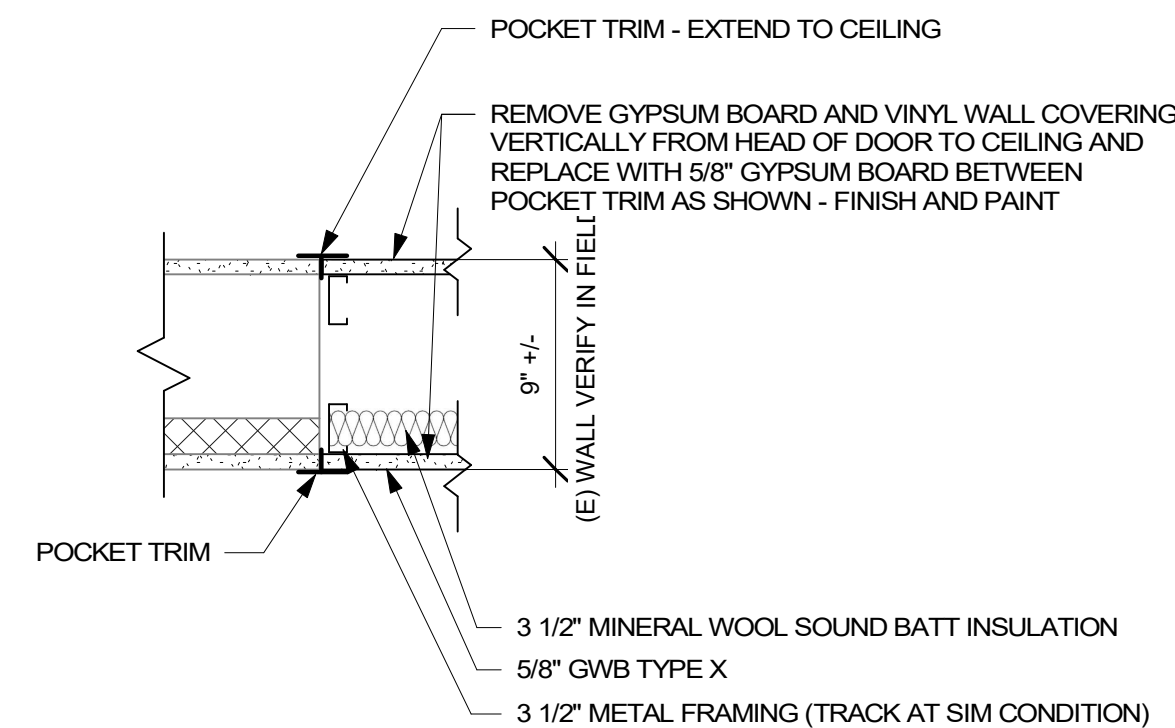
**6** ISOLATION JOINT  
6" = 1'-0"



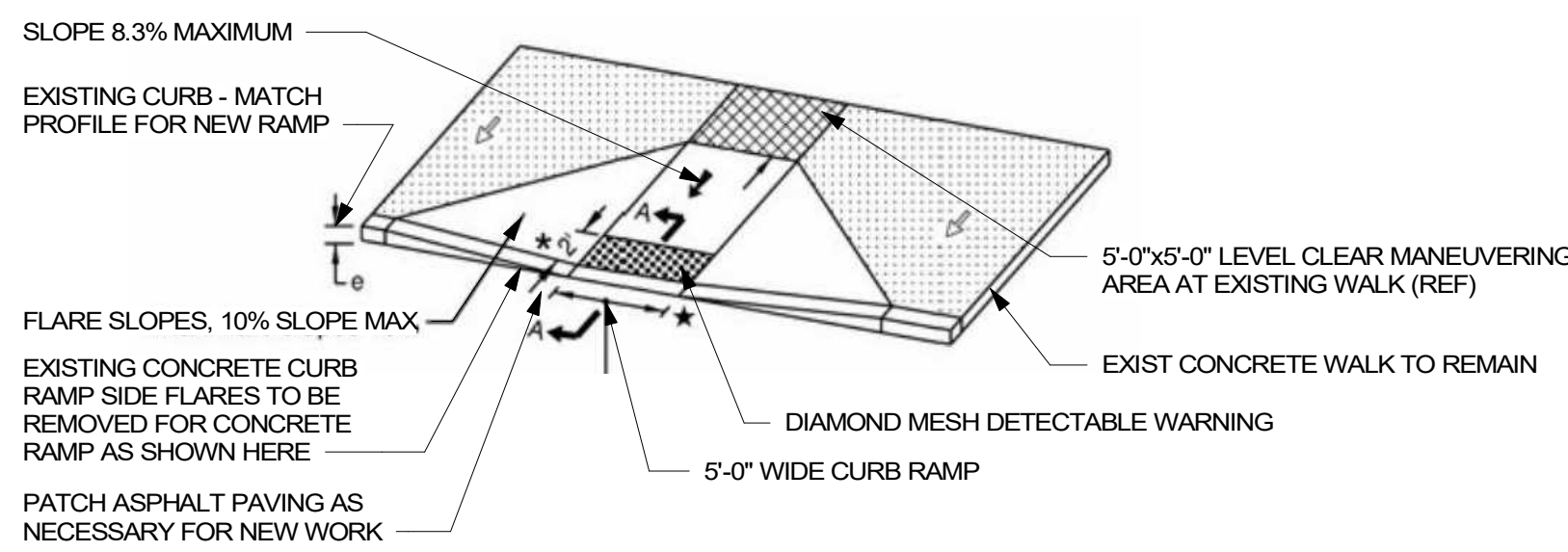
**7** CONTROL/EXPANSION JOINT  
6" = 1'-0"



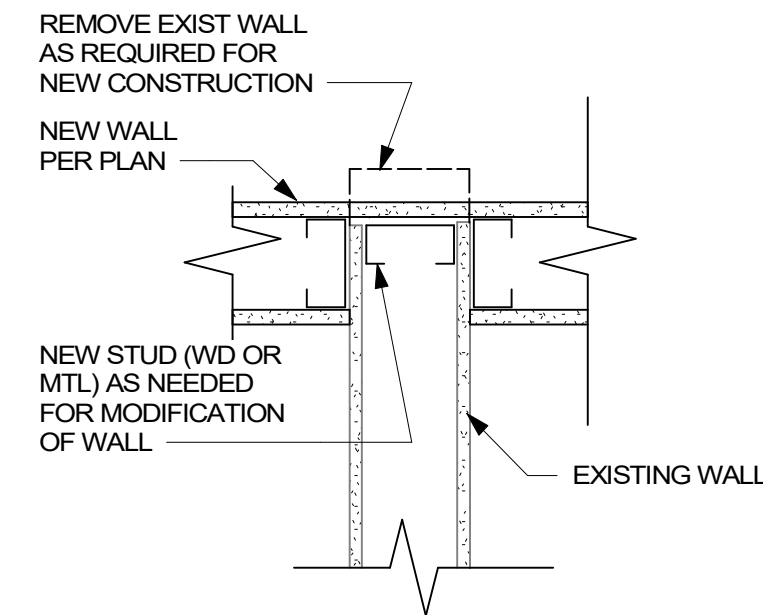
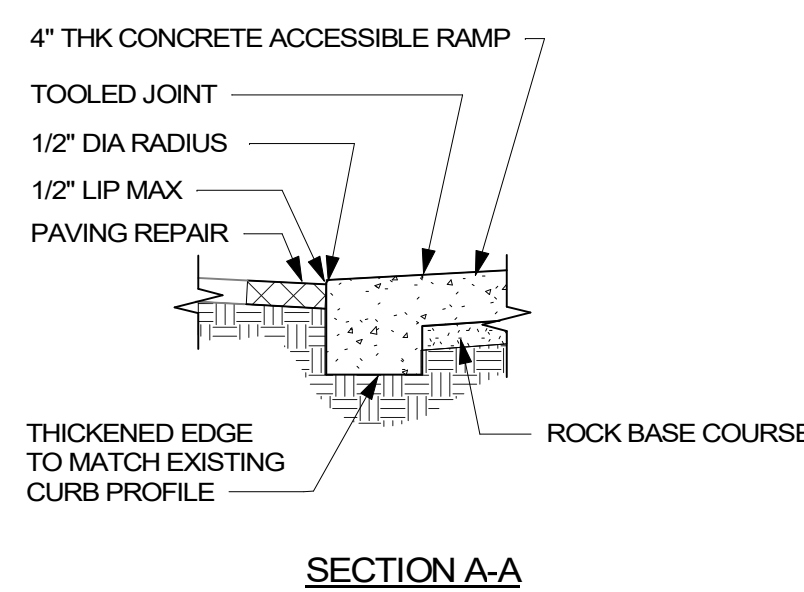
**8** WALL PERPENDICULAR TO EXISTING TRACK  
1 1/2" = 1'-0"



**9** INFILL EXISTING DOOR-JAMB DETAIL  
1 1/2" = 1'-0"



**10** ACCESSIBLE CURB RAMP  
NTS



**11** GYP COVERING WALL STUB  
1 1/2" = 1'-0"

#### DETAILS PER SCHOOL

SOME DETAILS APPLY TO SPECIFIC SCHOOLS. SEE LIST BELOW

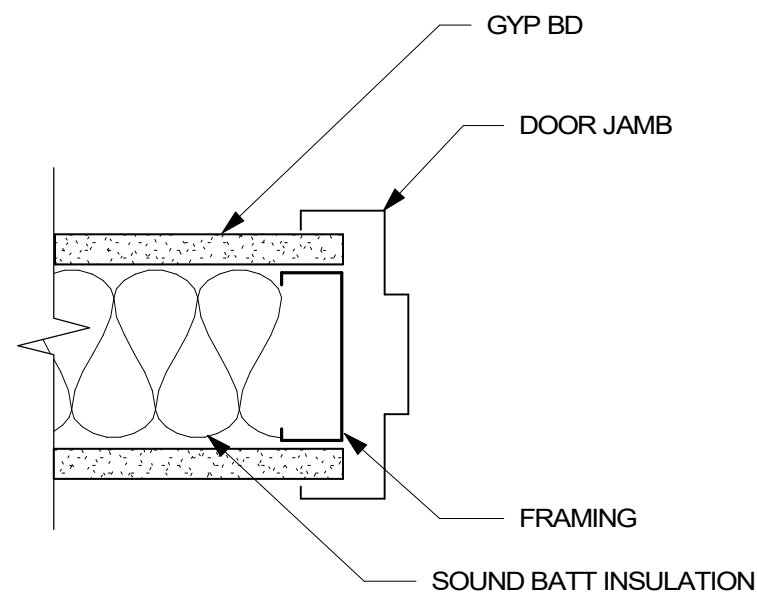
ELMONICA	ERROL HASSELL	GREENWAY
1/A.8	1/A.8	1/A.8
2/A.8	2/A.8	2/A.8
3/A.8	3/A.8	3/A.8
4/A.8	5/A.8	5/A.8
5/A.8	8/A.8	8/A.8
6/A.8	9/A.8	9/A.8
7/A.8	10/A.8	
8/A.8		
10/A.8		
11/A.8		

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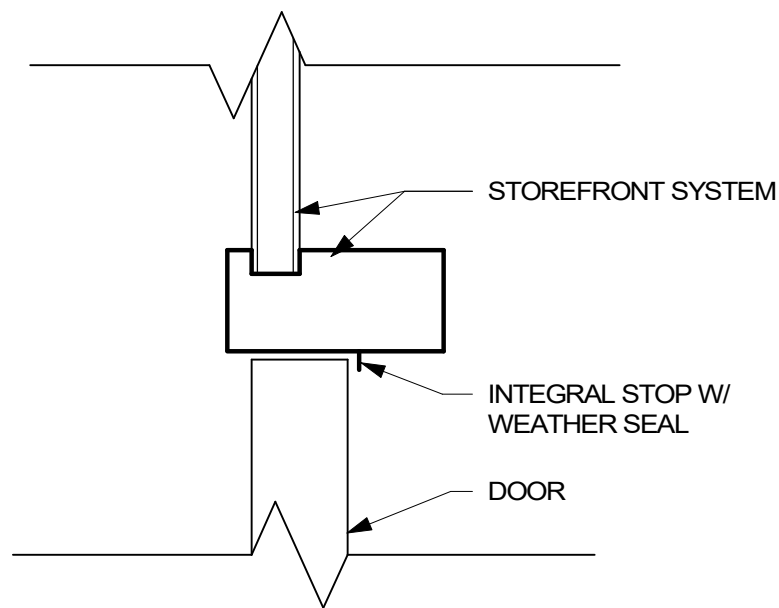


Date: 12/10/2021  
Project #: 4008  
Drawn by: GS  
Checked by: CGK  
Revisions:

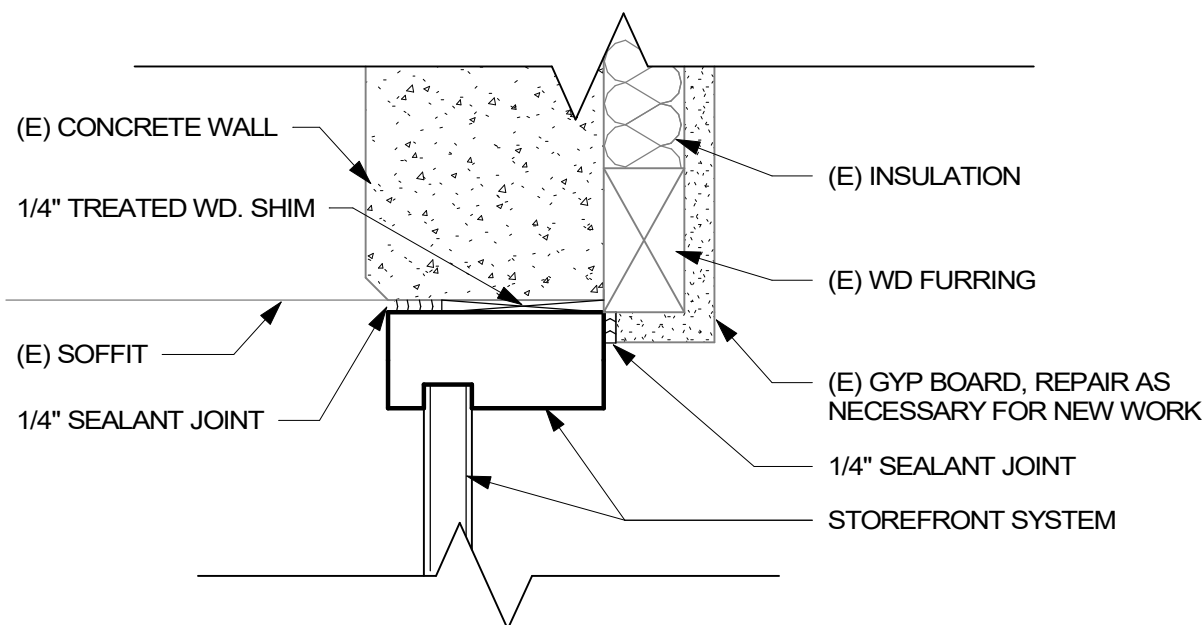




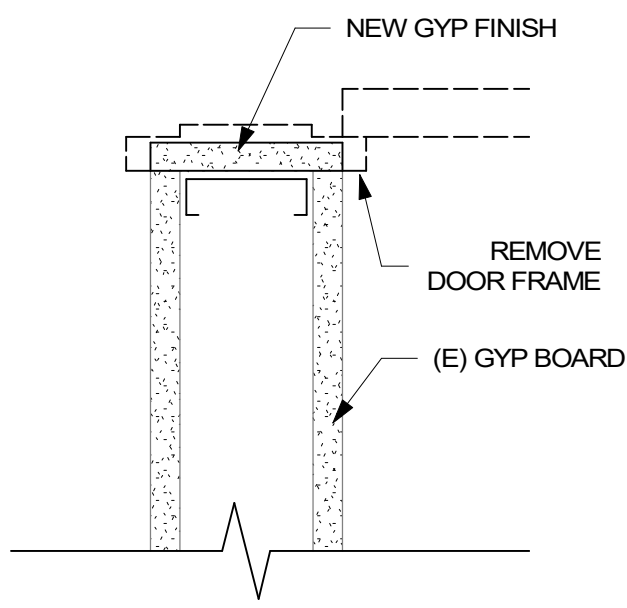
1 DOOR JAMB TYP  
3" = 1'-0"



2 TRANSOM HEADER (SIM @ DOOR JAMB)  
3" = 1'-0"

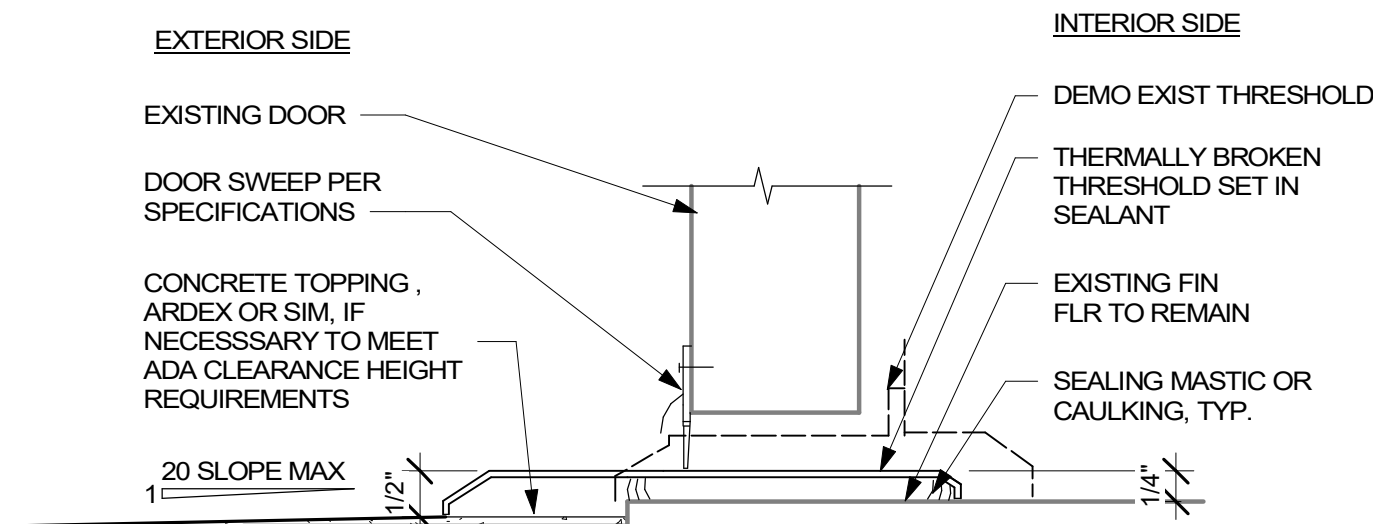


3 STOREFRONT HEAD (SIM. @ JAMB)  
3" = 1'-0"

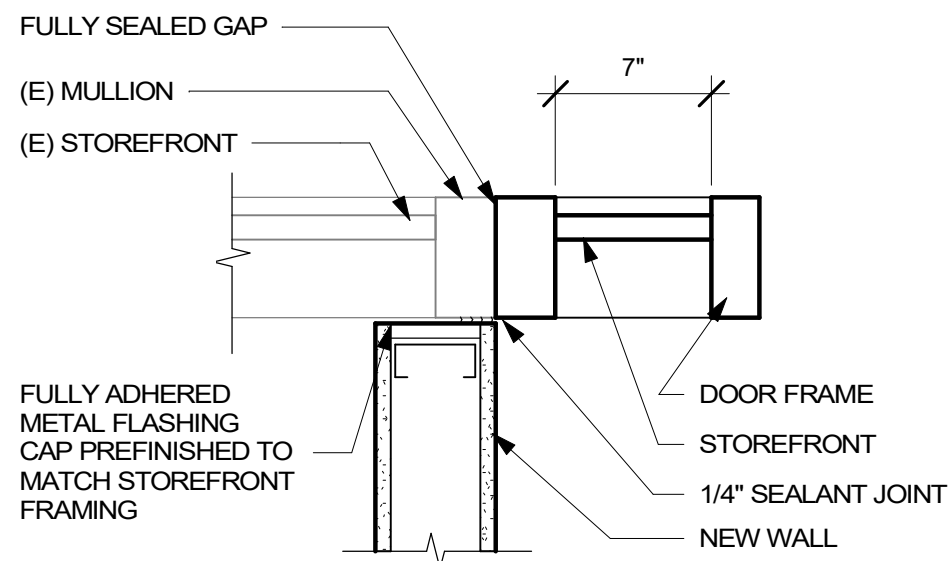


4 DOOR JAMB FINISH  
1 1/2" = 1'-0"

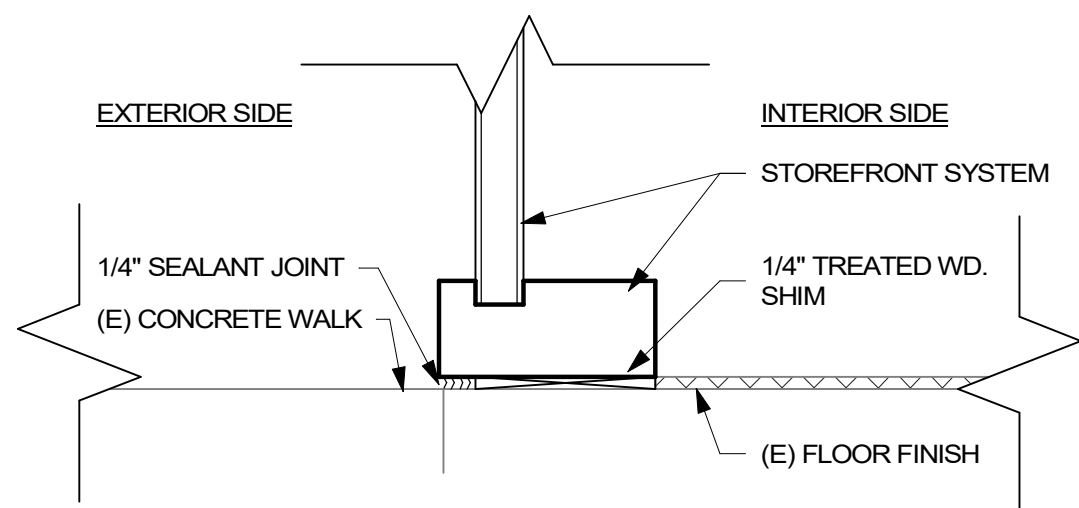
CONTRACTOR TO VERIFY EXISTING DOOR CLEARANCE WHEN REPLACING THRESHOLD. VERIFY NEW DOOR SWEEP WILL FUNCTION PROPERLY AND NEW THRESHOLD WILL MEET ADA REQUIREMENTS.



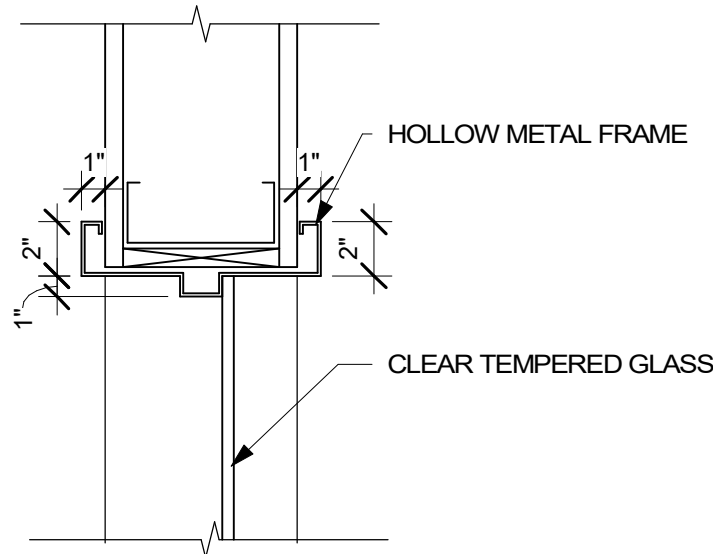
5 DOOR BOTTOM AND THRESHOLD  
6" = 1'-0"



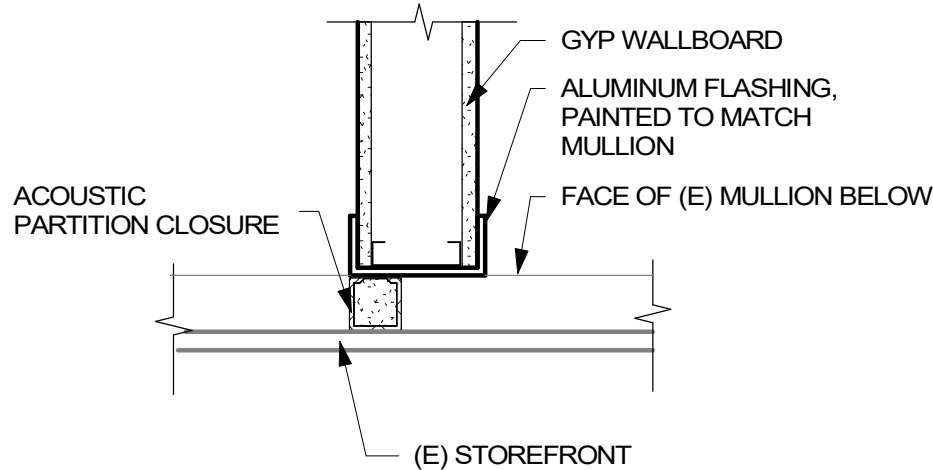
6 WALL TO VESTIBULE STOREFRONT CONNECTION  
1 1/2" = 1'-0"



7 STOREFRONT SILL  
3" = 1'-0"



8 HM WINDOW  
1 1/2" = 1'-0"

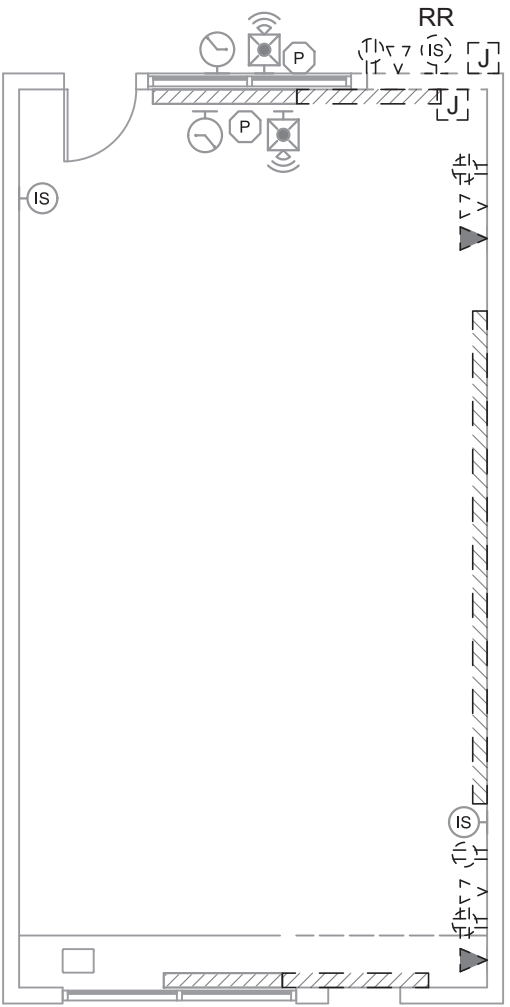
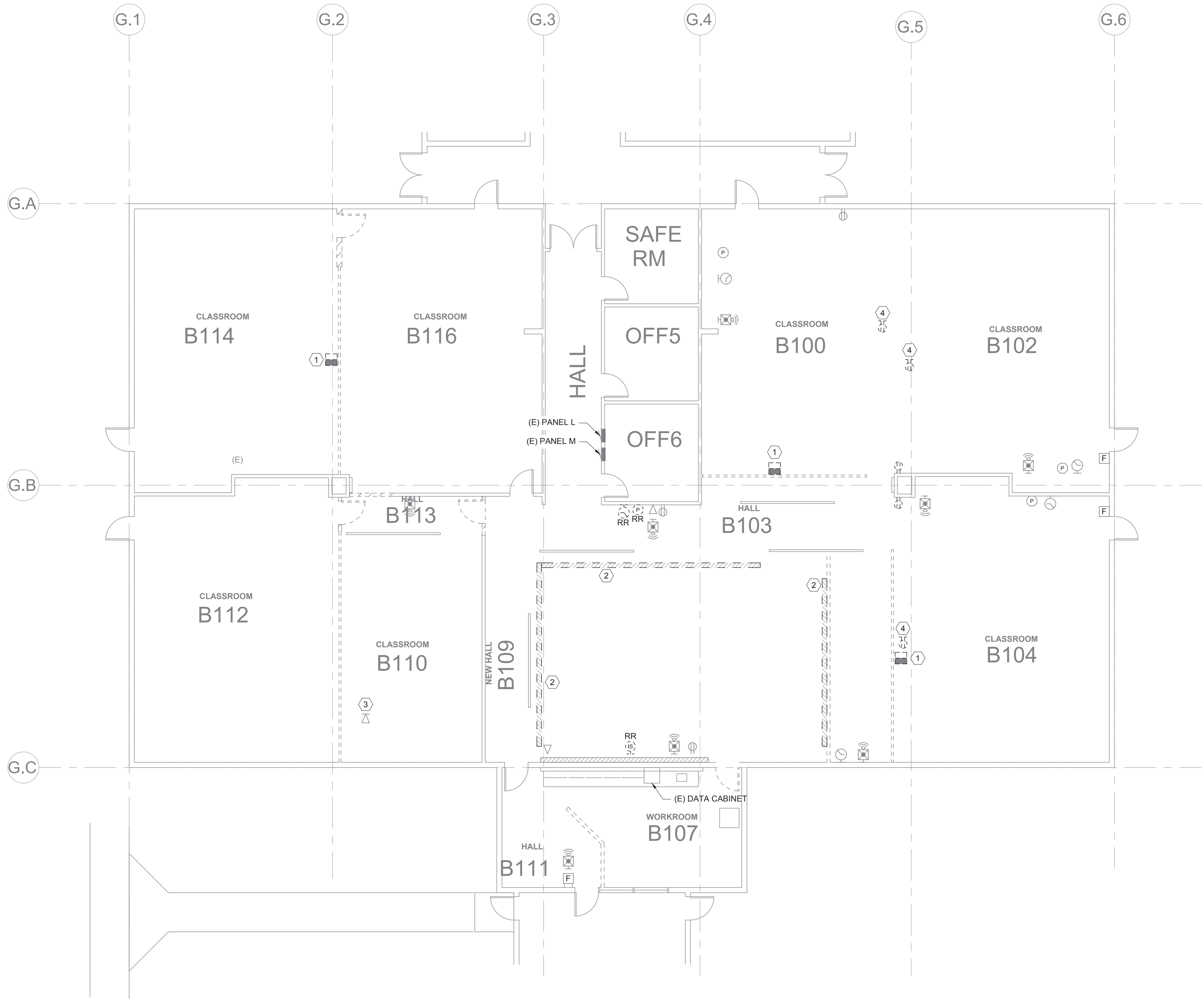


9 QUIETJOINT AT GYP WALL TO GLASS  
1 1/2" = 1'-0"

#### DETAILS PER SCHOOL

SOME DETAILS APPLY TO SPECIFIC SCHOOLS. SEE LIST BELOW

ELMONICA	ERROL HASSELL	GREENWAY
1/A.9	1/A.9	1/A.9
2/A.9	2/A.9	2/A.9
3/A.9	3/A.9	3/A.9
4/A.9	5/A.9	5/A.9
5/A.9	6/A.9	6/A.9
6/A.9	7/A.9	7/A.9
7/A.9	8/A.9	8/A.9
8/A.9		9/A.9



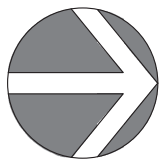
GENERAL SHEET NOTES

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

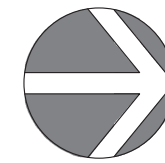
SHEET KEY NOTES

- 1. CONTRACTOR SHALL DEMOLISH EXISTING POWER/DATA POLE. EXISTING HORIZONTAL CABLES FOR POWER AND DATA SHALL BE REUSED IN NEW WALL. SEE SHEET G.E2.
- 2. CONTRACTOR SHALL DEMOLISH EXISTING SURFACE RACEWAY. EXISTING HORIZONTAL CABLES FOR POWER SHALL BE REUSED IN NEW WALL. SEE SHEET G.E2.
- 3. REMOVE EXISTING POE PHONE JACK. COIL CABLE ABOVE CEILING FOR REUSE. SEE G.E2 FOR NEW LOCATION.
- 4. CONTRACTOR SHALL DEMOLISH EXISTING CEILING RECEPTACLE EXISTING HORIZONTAL CABLES FOR POWER SHALL BE REUSED IN NEW WALL. SEE SHEET G.E2.

1 GREENWAY ELECTRICAL DEMOLITION FLOOR PLAN  
SCALE: 1/8" = 1'-0"



2 GREENWAY ELECTRICAL DEMOLITION FLOOR PLAN  
SCALE: 1/8" = 1'-0"



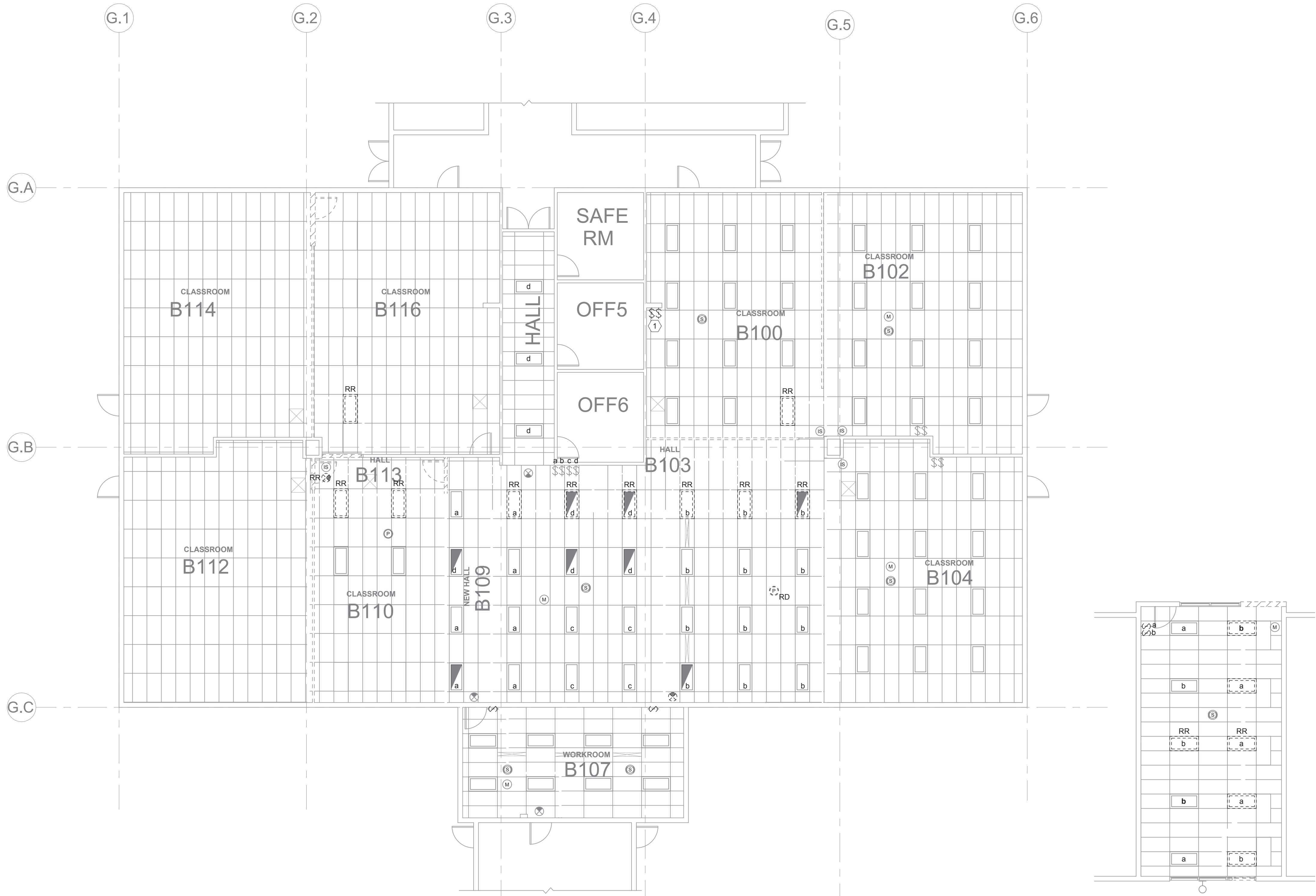


GENERAL SHEET NOTES

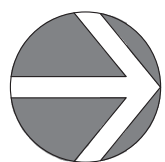
1. SEE DRAWING E.1 FOR ABBREVIATIONS AND SYMBOL LEGEND.

SHEET KEY NOTES

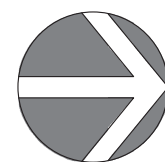
1. REMOVE EXISTING SINGLE POLE LIGHT SWITCHES AS SHOWN. SEE SHEET G.E3 FOR INSTALLATION OF NEW 3-WAY SWITCHES.



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



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



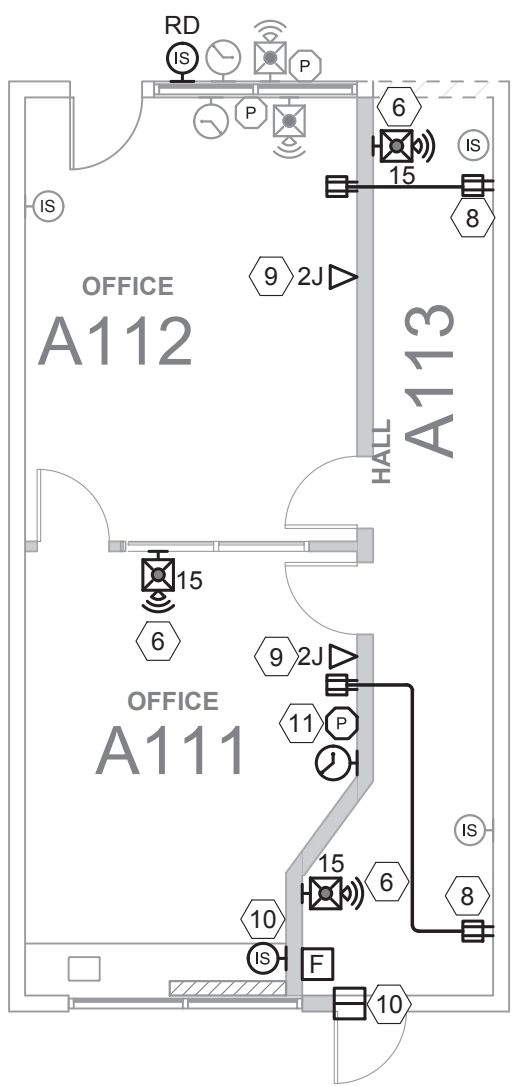


GENERAL SHEET NOTES

1. SEE DRAWING E.1 FOR ABBREVIATIONS AND SYMBOL LEGEND.
2. ALL NEW HORIZONTAL DATA CABLING SHALL ORIGINATE IN ROOM B107 ON THE EXISTING RACK.
3. ALL PAGING DEVICES AND CLOCKS SHALL BE MOUNTED AT AN ELEVATION TO MATCH THE EXISTING PAGING DEVICES AND CLOCKS IN THIS BUILDING.

SHEET KEY NOTES

1. CONTRACTOR SHALL UTILIZE AND EXTEND CONDUIT AND WIRE, LEFT FROM DEMOLISHED POWER POLE TO NEW RECEPTACLE.
2. CONTRACTOR SHALL UTILIZE AND EXTEND CONDUIT AND WIRE LEFT FROM DEMOLISHED CEILING RECEPTACLE TO NEW RECEPTACLE.
3. CONTRACTOR SHALL UTILIZE AND EXTEND CONDUIT AND WIRE LEFT FROM DEMOLISHED RACEWAY TO NEW RECEPTACLE.
4. CONTRACTOR SHALL UTILIZE AND EXTEND BRANCH CIRCUIT CONDUIT AND WIRING, LEFT FROM DEMOLISHED POWER POLE TO NEW DATA RECEPTACLE
5. NEW RECEPTACLE SHALL BE WIRED TO LOCAL RECEPTACLE BRANCH CIRCUIT. CONTRACTOR SHALL INTERCEPT AND EXTEND EXISTING CIRCUITING TO NEW RECEPTACLE LOCATION
6. INSTALL NEW FIRE ALARM STROBE IN NEW WALL. COORDINATE EXACT CONNECTION REQUIREMENTS WITH SIMPLEX.
7. PROVIDE NEW POE PHONE JACK IN LOCATION SHOWN. EXTEND EXISTING CABLE AND CONNECT COMPLETE.
8. INSTALL DUPLEX RECEPTACLE IN PLACE OF EXISTING DOUBLE DUPLEX RECEPTACLE AND PROVIDE NEW FACEPLATE. EXTEND EXISTING
9. CIRCUIT TO NEW DUPLEX RECEPTACLE AS SHOWN. INSTALL NEW DATA OUTLET. CONTRACTOR SHALL UTILIZE EXISTING HORIZONTAL DATA CABLES, LEFT FROM DEMOLISHED DATA OUTLET.
10. INTRUSION SENSOR AND DOOR CONTACT SHALL BE WIRED TO THE EXISTING INTRUSION ZONE IN THIS BUILDING. INTERCEPT AND EXTEND THE EXISTING INTRUSION CIRCUIT. FIELD VERIFY EXACT LOCATION OF NEAREST INTRUSION CIRCUIT JUNCTION BOX.
11. PROVIDE HOME RUN CABLING FOR PAGING SYSTEM TO EXISTING DATA CABINET IN OFFICE A127.



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

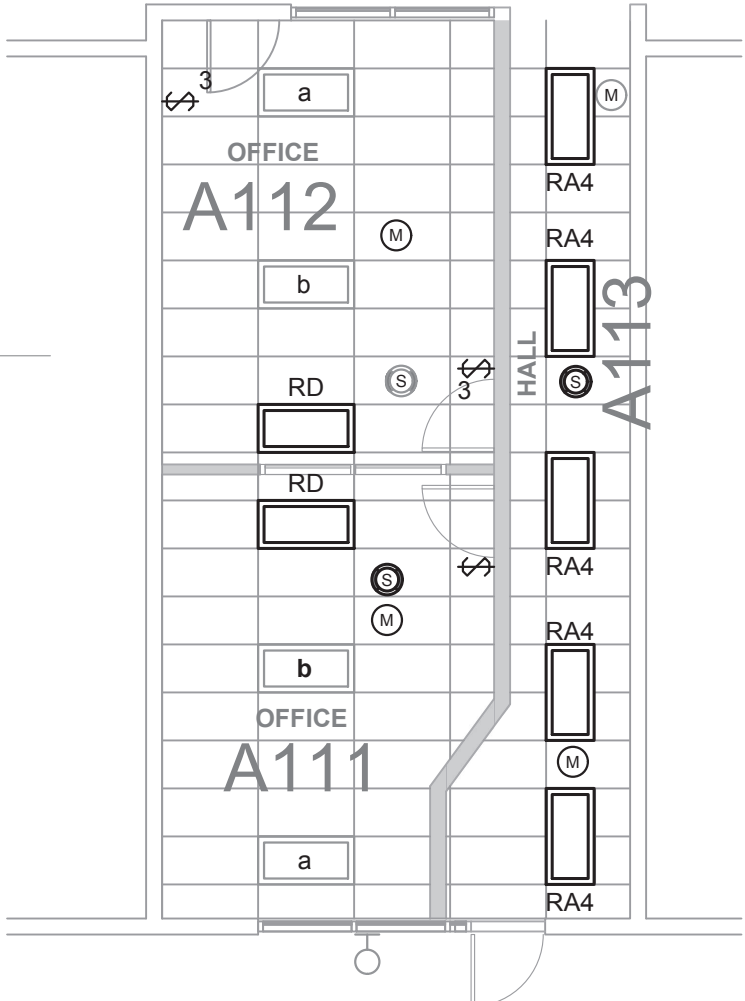
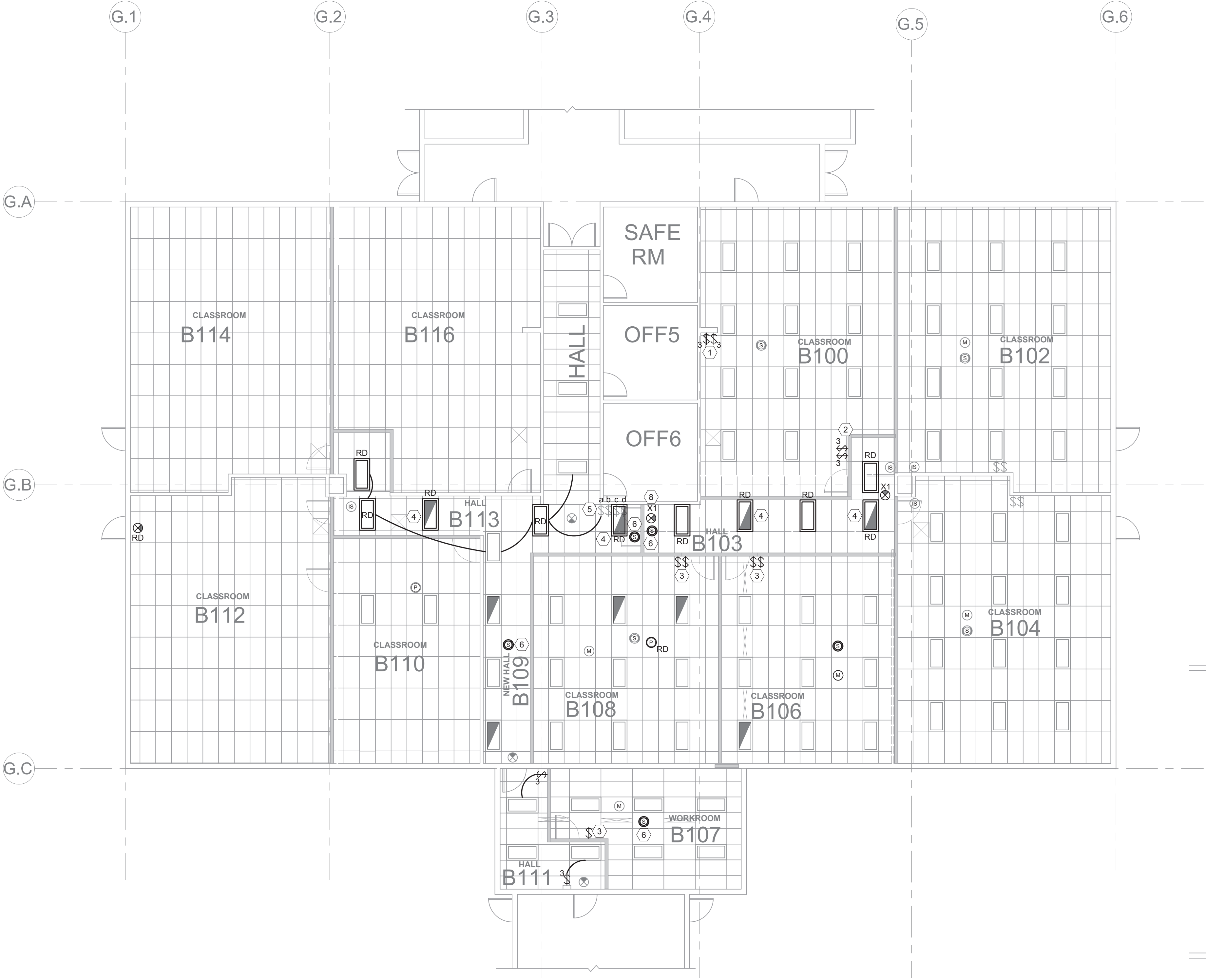
2 GREENWAY ELECTRICAL FLOOR PLAN  
SCALE: 1/8" = 1'-0"



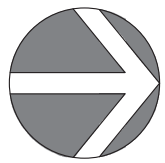
INTERIOR LUMINAIRE SCHEDULE												
FIXTURE NO.	DESCRIPTION	LAMP TYPE	LUMENS (MINIMUM)	CRI	COLOR TEMP.	DRIVER	EMERGENCY DRIVER	INTEGRAL MOTION/PHOTO SENSOR	VOLTS	LOAD	MFR.	MODEL NUMBER
RA4	48"L x 24"W x 2"D RECESSED LUMINAIRE ALUMINUM FRAME, WITH STAIN WHITE LENS.	LED	3000 LM	80	4000K	STANDARD 0-10V	NO	NO	UNV	37 WATTS	LITHONIA	EPANL SERIES
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.	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.
2. WIRE EXIT SIGNS TO LOCAL LIGHTING BRANCH CIRCUIT AHEAD OF ALL SWITCHING.
- SHEET KEY NOTES
1. 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.
2. INSTALL NEW 3-WAY SWITCHES.
3. PROVIDE NEW SINGLE POLE WALL SWITCH AS SHOWN AND CONNECT TO EXISTING LIGHT FIXTURES IN ROOM.
4. CONTRACTOR SHALL WIRE EMERGENCY LIGHT FIXTURES TO EXISTING EMERGENCY CIRCUIT.
5. CONTRACTOR SHALL UTILIZE EXISTING LIGHT SWITCH AND WIRE TO HALL B103, B109, B113.
6. INSTALL NEW SMOKE DETECTOR IN CEILING. COORDINATE EXACT CONNECTION REQUIREMENTS WITH SIMPLEX.
7. NOT USED.
8. CONTRACTOR SHALL CONNECT NEW EXIT FIXTURE TO EXISTING NON-SWITCHED EMERGENCY LIGHTING BRANCH CIRCUIT.



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



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

