10,	TE TOO TE VITATION	<u></u>		
: NOT	ALL ABBREVIATIONS SHOWN MAY BE	USED O	R LISTED	
•	AID CONDITIONING	1.41/	LAVATORY	
С	AIR CONDITIONING	LAV	LAVATORY	
CT	ACOUSTICAL CEILING TILE	LVT	LUXURY VINYL TILE	
DA	AMERICAN W/DISABILITIES ACT			
OJ	ADJUSTABLE	MAX	MAXIMUM	
F	ABOVE FINISHED FLOOR	MDF	MEDIUM DENSITY FIBERBOARD	
T	ALTERNATE, ALTERNITIVE	MI	MIRROR	
WC	AREA OF WORK	MIN	MINIMUM	
		MO	MASONRY OPENING	
ATT	BATT INSULATION	MTL	METAL	
)	BOARD			
_DG	BUILDING	(N)	NEW	
_K	BLOCK	NIC	NOT IN CONTRACT	
_KG	BLOCKING	NTS	NOT TO SCALE	
)	BOTTOM OF			
C	BACK OF CURB	OC	ON CENTER	
DD	BASIS OF DESIGN	OD	OUTSIDE DIAMETER or	
TC	BOTTOM		OVERFLOW DRAIN	

- **BOTH SIDES** CATCH BASIN CEMENT BACKER BOARD CONTRACTOR FURNISHED, CONTRACTOR INSTALLED CONTRACTOR FURNISHED, OWNER INSTALLED
- CORNER GUARD CONTROL JOINT CENTER LINE CFILING. CLOSET CLR CLEAR(ANCE) CONCRETE MASONRY UNIT CEMENT PLASTER CSMT CASEMENT CSWK CASEWORK CERAMIC TILE
- CTR CENTER CTSK COUNTERSINK DEMO DEMOLITION DIA DIAMETER DIMENSION DIM PT DIMENSION POINT DOWN DAMPPROOFING

FXISTING

EACH

ENAMEL

EB

ENM

ETR

FOM

FOS

GYP

CLEAR.

6" MAX

RESTROOMS CLEARANCES AND MOUNTING HEIGHTS

LAVATORIES

MIRRORS

5" MAX._↑

6" MAX.-

8" MIN. FOUNTAIN

- DISHWASHER EXPANSION BOLT EXPANSION JOINT ELEV ELEVATION ELECTRIC OUTLET EXISTING TO REMAIN EXT EXTERIOR FURNISH AND INSTALL
- FIRE ALARM FABX FIRE ALARM BOX FLOOR DRAIN FIRE EXTINGUISHER CABINET FINISHED FLOOR FURNITURE, FIXTURE & **EQUIPMENT** FACE OF or FINISHED OPENING FACE OF CONCRETE FACE OF FINISH FACE OF MASONRY
- FACE OF STUD GLASS MASONRY UNIT GYPSUM GWB GYPSUM WALL BOARD HANDRAIL HDW HARDWARE HEIGHT HVAC HEATING, VENTILATION &

AIR CONDITIONING **JANITOR** JC JANITOR'S CLOSET

SPECIALTIES - FIRE EXTINGUISHERS

A. SURVEY EXISTING CONDITIONS OF ENTIRE FLOOR THAT PROJECT OCCURS AND PROVIDE NOT LESS THAN ONE APPROVED FIRE EXTINGUISHER WITH RATING NOT LESS THAN 20A 10B/C FOR EACH 1,500SF OF FLOOR AREA OR FRACTION THEREOF. TRAVEL DISTANCES TO AN EXTINGUISHER FROM ANY PORTION OF THE BUILDING SHALL NOT EXCEED 75 FEET. PROVIDE FIRE EXTINGUISHER(S) IN ACCORDANCE WITH CURRENT

FIRE PROTECTION, ALARM AND EXTINGUISHERS

B. PROVIDE NEW FIRE EXTINGUISHER(S) AT ALL EXISTING CABINETS WHERE MISSING. ALL REUSED EXISTING FIRE EXTINGUISHERS ARE TO BE INSPECTED AND/OR RECHARGED, AS NECESSARY, PRIOR TO SUBSTANTIAL COMPLETION.

FIRE PROTECTION & ALARM SYSTEMS

- A. CONTACT BUILDING MANAGER FOR INSTRUCTIONS WHEN SCHEDULING WORK ON FIRE SPRINKLER AND ALARM SYSTEMS.
- B. AUTOMATIC SPRINKLER SYSTEM SUPERVISION: ALL VALVES, INCLUDING THOSE IN PITS, SHALL BE MONITORED BY UL LISTED FIRE MARSHAL - APPROVED CENTRAL STATION. WATER FLOW AND HIGH/LOW PRESSURE FOR DRY PIPE SYSTEMS (IF USED) SHALL BE SUPERVISED AS WELL AS OTHER FEATURES DEEMED NECESSARY BY CURRENT NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS.
- C. PREPARE SPRINKLER SYSTEM SHOP DRAWINGS FOR COORDINATION WITH ARCHITECTS'
- D. PROVIDE FULLY CONCEALED SPRINLKER HEADS IN HARDLID CEILINGS, UNLESS NOTED
- E. PAY ALL FEES AND OBTAIN ALL PERMITS AND APPROVALS FROM AUTHORITIES HAVING JURISDICTION NECESSARY TO COMPLETE THE WORK.

BUILDING ALARM SYSTEM/SMOKE DETECTORS

- A. PROVIDE VISUAL AND AUDIBLE ALARM SIGNAL APPLIANCES INTEGRATED INTO THE BUILDING ALARM SYSTEM AS REQUIRED BY ADA AND CURRENT OSSC STANDARDS. PROVIDE ADDITIONAL ELECTRICAL SERVICE AS REQUIRED. COORDINATE REQUIREMENTS WITH BUILDING OWNER. ALARM LOCATIONS INDICATED ON PLANS ARE FOR REFERENCE
- B. PROVIDE SHOP DRAWINGS FOR ALARM SYSTEM LAYOUT AS REQUIRED BY CODE.
- C. SMOKE DETECTION DEVICES INDICATED ON THE DRAWINGS ARE FOR REFERENCE ONLY. CONFIRM SPACING OF DETECTORS WITH DEVICE LISTING.
- D. CLEAN AND REPAIR EXISTING SMOKE DETECTORS TO BE REUSED TO GOOD WORKING CONDITION.

HARDWARE. SPECIALITIES & FINISHES

DOOR HARDWARE

- A. DOORS SHALL OPEN FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- B. NEW EXTERIOR DOOR HARDWARE SHALL MATCH EXISTING BUILDING STANDARDS AND BE ADA COMPLIANT. LEVELER HANDLE, HINGES AND CLOSESERS TO ALL MATCH SAME FINISH AND BUILDING STANDARD AND EACH OTHER.
- CONTRACTOR SHALL VERIFY COMPATABILITY OF HARDWARE SPECIFIED WITH BUILDING KEYING SYSTEM.
- D. PROVIDE NEW DOORS WITH FINISH SPECIFIED PER SCHEDULE. PROVIDE DIAGRAM OF WOOD GRAIN DETAIL, MATCHING AND FINISH.
- PROVIDE DOOR CLOSERS PER SCHEDULE. SUBMIT CUT SHEET FOR ARCHITECT REVIEW AND APPROVAL.
- PROVIDE DOOR OPENINGS IN RATED WALLS COMPLYING WITH REQUIRED SMOKE CONTROL ASSEMBLY AND INDICATED FIRE PROTECTION RATING. WHERE EXISTING DOOR OPENINGS DO NOT COMPLY WITH PRESENT BUILDING CODE REQUIREMENTS, PROVIDE NEW DOORS, FRAMES AND HARDWARE THAT COMPLY.
- ADJUST THE RESISTIVE FORCE OF ALL NEW AND EXISTING INTERIOR DOOR CLOSERS IN THE PROJECT AREA TO A MAXIMUM PRESSURE OF 5 LBS TO COMPLY WITH ADA REQUIREMENTS.

FINISHES - PATCH & REPAIR

- REPAIR/REFINISH ANY DAMAGE TO EXISTING FINISH SURFACES IN IMPROVEMENT AREA CAUSED BY CONSTRUCTION OPERATIONS.
- J. PAINT EXISTING WALLS WITH (2) COATS OF EGGSHELL FINISH PAINT UNLESS NOTED OTHERWISE. SUBMIT COLOR DRAW-DOWNS TO ARCHITECT FOR APPROVAL PRIOR TO
- WHERE ALL NEW PARTITIONS ABUT, JOIN OR CONNECT TO EXISTING SURFACES, WALLS OR NEW CONSTRUCTION, ALIGN THE FINISH SURFACE.
- PRIMED TO MEET PAINT READY REQUIREMENTS. M. EXISTING WALLS AND SURFACES SHALL BE STRIPPED, RESURFACED AND PATCHED AS

ALL NEW WALLS AND PARTITIONS SHALL HAVE TAPED JOINTS (3) COATS SANDED AND

- REQUIRED.
- ALL LEFT OVER PAINT AND DELIVER TO OWNER WHERE DIRECTED. O. TAPE AND SAND EXPOSED GYPSUM BOARD FOR A FLAT, SMOOTH SURFACE FINISH TO

PROVIDE A FULL GALLON OF EACH WALL COLOR WITH LABELS IN TENANT SUITE. LABEL

- MATCH EXISTING ADJACENT SURFACES IN BUILDING UNLESS NOTED OTHERWISE. PROVIDE FINISH MATERIALS MATCHING ESTABLISHED BUILDING STANDARD QUALITY.
- UNLESS NOTED OTHERWISE. PROVIDE COLORS APPROVED BY OWNER AND ARCHITECT.
- Q. CONTRACTOR TO FILL AND PATCH EXISTING CONCRETE SLABS AND SHALL PROVIDE SMOOTH UNIFORM SURFACE PRIOR TO NEW FLOOR COVERINGS TO BE INSTALLED.

CLEAR SPACE

3' - 6" MIN. - 0" MAX

CLEAR SPACE

4" MAX

PROTRUDING

OBJECTS

WATER CLOSETS

GENERAL NOTES - PROJECT

- A. REVIEW ALL CONSTRUCTION DOCUMENTS AND SPECIFICATIONS AND COMPARE THEM TO FIELD CONDITIONS PRIOR TO PROCEEDING WITH THE WORK. IMMEDIATELY REPORT ANY CONFLICTS, DISCREPANCIES, OR OMISSIONS TO THE ARCHITECT PRIOR TO SUBMITTING FOR BID.
- B. ALL WORK SHALL BE DONE IN CONFORMANCE WITH THE LATEST EDITION OF APPLICABLE BUILDING CODES, PROGRAM GUIDES OR OTHER REQUIREMENTS OF THE LOCAL JURISDICTION.
- ALL WORK, BOTH NEW AND IN PLACE, IS TO MEET THE BUILDING FIRE-LIFE SAFETY SUMMARY IN THE AREA OF REMODEL WORK PRIOR TO FINAL INSPECTION.
- D. PROVIDE ALL WORK REQUIRED FOR A COMPLETE INSTALLATION WHETHER OR NOT SHOWN OR DESCRIBED.
- COORDINATE THE MOVEMENT OF PERSONNEL AND MATERIALS WITHIN THE BUILDING AND SIMILAR AREAS WITH THE OWNER'S REPRESENTATIVE. SCHEDULE ACTIVITIES SO THEY ARE NOT DISRUPTIVE TO OCCUPANTS OF THE BUILDING. MAINTAIN EXITING, FIRE PROTECTION AND LIFE SAFETY PER THE FIRE MARSHALL'S OFFICE. COORDINATE DISRUPTIVE WORK FOR AFTER BUSINESS HOURS.
- CONTRACTOR SHALL NOT SCALE THE DRAWINGS OR DETAILS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND CONDITIONS AT THE JOBSITE. WHERE WRITTEN DIMENSIONS ARE NOT INDICATED OR CANNOT BE DISCERNED FROM THE CONSTRUCTION DOCUMENTS, CONTACT THE ARCHITECT FOR CLARIFICATION.
- G. NOTIFY THE ARCHITECT IN WRITING IF THERE ARE ANY CORRECTIONS OR CHANGES REQUIRED TO THE CONSTRUCTION DOCUMENTS BY THE AUTHORITY HAVING JURISDICTION. CORRECTION LIST OR COMMENTS MUST BE DELIVERED TO THE DESIGN AGENCY VIA EMAIL AND INCORPORATED BY THE CONTRACTOR INTO THE PERMIT SET.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL TRADES, INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL REQUIREMENTS.
- IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO FOLLOW AND COORDINATE ALL ITEMS PER THE MANUFACTURE'S PRINTED INSTRUCTIONS, SPECIFICATIONS AND INSTALLATION DETAILS. THE INSTALLATION OF ALL BUILDING PRODUCTS (INTERIOR AND EXTERIOR), FIXTURES, EQUIPMENT, ETC. SHALL FOLLOW MANUFACTURER INSTALLATION REQUIREMENTS.

CONSTRUCTION PHASE

J. THE ARCHITECT SHALL NOT HAVE CONTROL OVER NOR IS RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES IN THE EXECUTION OF THE WORK. SAFETY PRECAUTIONS OR PROGRAMS CONNECTION WITH THE PROJECT ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

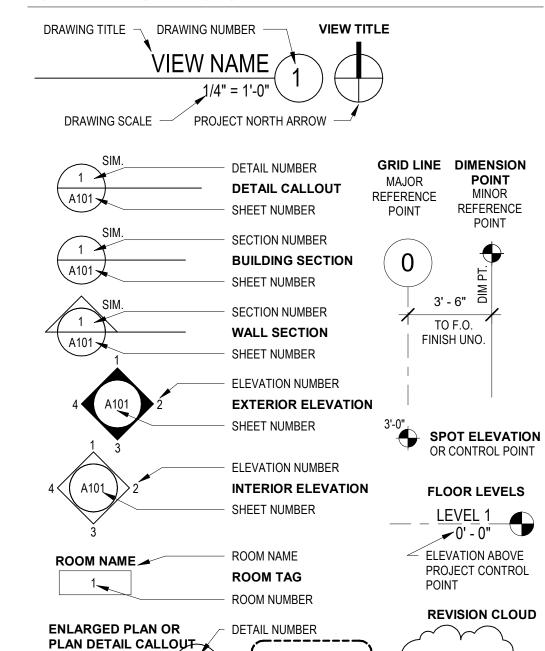
MATERIAL SPECIFICATIONS

- K. SPECIFIC ITEMS DESCRIBED, LISTED OR DRAWN WITHIN THE CONSTRUCTION SET ARE CONSIDERED THE BASIS OF DESIGN FOR THE PROJECT. IF A SUBSTITUTION IS PROPOSED. THE GENERAL CONTRACTOR IS TO CERTIFY THAT THE PRODUCT IS OF EQUAL OR GREATER PERFORMANCE OR REQUEST REVIEW BY THE DESIGN AGENCY IN WRITING.
- L. THE GENERAL CONTRACTOR SHOULD CONFIRM APPLICABILITY OF ALL SPECIFIED PRODUCTS WITH THE MANUFACTURER FOR SPECIFIC USE AS SHOWN PRIOR TO PURCHASING AND INSTALLATION.

SUBMITTAL PROCEDURES

- M. THE GENERAL CONTRACTOR SHALL PROVIDE THE ARCHITECT AND BUILDING OWNER PRODUCT DATA, CUTSHEETS AND SHOP DRAWINGS OF INSTALLED PRODCUTS OR DESIGN-BUILD ITEMS IN DIGITAL .PDF FORMAT FOR REVIEW FOLLOWING THE CONTRACTOR'S REVIEW FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. ARCHITECT WILL THEN REVIEW EACH SUBMITTED FOR GENRAL COMFORMAMANCE.
- N. PROVIDE A MINIMUM (2) PHYSICAL PRODUCT SAMPLES FOR EACH FINISH, INCLUDING PAINT DRAWDOWNS, SPECIFIED WITHIN THESE DRAWINGS.

GENERAL SYMBOLS



FIRE PROTECTION SYSTEMS

HBX-STUDIO.COM MICHAEL MUNUI DUNUH

REVISIONS:

PROJECT SUMMARY

PROJECT NAME: CLASSROOM WALLS PHASE 3 -JACOB WISMER ELEMENTARY SCHOOL PROJECT ADDRESS: 5477 NW SKYCREST PKWY

JURISDICTION: CONSTRUCITON TYPE: V-B (SPRINKLERED)

BUILDING HEIGHT: 2 STORY BUILDING OCCUPANCY: EDUCATIONAL, ASSEMBLY (NON-SEPRATED)

INTERIOR ALTERATION TO PROVIDE SECURITY IMPROVEMENTS TO EXISTING CLASSROOM AND EDUCATION COMMONS AREA. SCOPE INCLUDES BUILDING NEW PARTITIONS AT EXISTING OPENINGS WITH NEW CLASSROOM ENTRY DOORS. EXISTING OCCUPANCY, OCCUPANTS AND EGRESS PATTERNS ARE UNCHANGED.

BEAVERTON, OR 97006

ATTN: JASON MOURRAY JASON_MOURRARY@BEAVERTON.K12.OR.US

ARCHITECT: HBX STUDIO ARCHITECTURE, INC. 831 SE SALMON ST SUITE 140 PORTLAND, OR 97214

MICHAEL@HBX-STUDIO.COM

CONTRACTOR: TBD

	LIST OF DRAWINGS					
SHEET	DRAWING NAME	CURRENT REVISION				
G011	COVER PAGE					
G111	SITE PLAN & ACCESSIBLE PARKING					
G112	FIRE, LIFE & SAFETY PLAN					
G113	FIRE, LIFE & SAFETY PLAN					
A011	FLOOR PLAN - UPPER LEVEL					
A012	FLOOR PLAN - LOWER LEVEL					
A113	ENLARGED FLOOR PLAN					
A211	ENLARGED TYPICAL CEILING PLANS					
A800	TYPICAL PARTITION DETAILS					
A801	TYPICAL PARTITION DETAILS					
A802	TYPICAL PARTITION DETAILS					
A900	DOORS, FRAMES, HARDWARE SCHEDULE & TYPICAL OPENING DETAILS					
M001	GENERAL NOTES AND ABBREVIATIONS					
M011	OVERALL FLOOR PLANS - HVAC					
M113	ENLARGED FLOOR PLAN - HVAC					
E001	LEGEND AND ABBREVIATIONS - ELECTRICAL					
E111	MAIN LEVEL FLOOR PLAN - ELECTRICAL					
E112	LOWER LEVEL FLOOR PLAN - ELECTRICAL					

DEFERRED SUBMITTALS - DESIGN/BUILD

PROFESSIONAL WITH A NOTATION INDICATING THAT THE DOCUMENTS HAVE BEEN REVIEWED AND FOUND TO BE IN CONFORMANCE WITH THE DESIGN DIRECTION WITHIN THESE DOCUMENTS.

ALL WORK IS SUBJECT TO FIELD INSPECTION, DO NOT COVER WORK PRIOR TO CITY

SEPARATE PERMIT(S)

SEPARATE PERMITS ARE REQUIRED FOR THE BELOW ITEMS. THE GENERAL CONTRACOTR SUBMIT PLANS FOR REVIEW AND APPROVAL TO THE LOCAL AUTHORITY

S

PROJECT:

DATE:

COVER PAGE

OWNER FURNISHED, CONTRACTOR INSTALLED OWNER FURNISHED, OWNER INSTALLED OVERHEAD OTS OPEN TO STRUCTURE

PLATE or PLASTIC LAMINATE or PROPERTY LINE PRESSURE TREATED PWD PLYWOOD QUARRY TILE

QTY QUANTITY RADIUS, RISER RESILIENT BASE RD **ROOF DRAIN** RELOC RELOCATED(D

REPL REPLACE REQ REQUIRED RETURN or RETENTION RESILIENT FLOORING RM ROOM RO ROUGH OPENING RESILIENT TILE

SAM SELF ADHERED FLEXIBLE FLASHING SIMILAR STN STONE SLAB/VENEER SHEET VINYL

SYM SYMBOL or SYMMETRICAL TEMPERED or TILE TOP & BOTTOM T&G TONGUE & GROOVE TD TRECH DRAIN or TOWN DOWN! THK THICK(NESS) T/M TO MATCH TOP OF TOP OF DECK TOP TOP OF PARAPET or TOP OF PAVEMENT

TOP OF ROOF TOP OF SLAB or TOP OF STEEL TWO TOP OF WALL T-STAT TERMOSTAT TS TUBE STEEL

TYP TYPICAL UNO UNLESS NOTED OTHERWISE UOS UNDERSIDE OF STRUCTURE

VINYL COMPOSITE TILE VEN VFNFFR VERT VERTICAL VERIFY IN FIELD WEST or WIDTH

WOOD WIDE FLANGE WATER HEATER WITHOUT

W PANELWOOD PANELING WRB WEATHER RESISTANT BARRIER WELDED WIRE FABRIC

HAND TOWEL SEAT COVER SANITARY TOWEL HOOK DISPENSER NAPKIN DISPENSER/ RECEPTACLE

CCTV 🔍

PULL STROBE TELEVISION

STATION & HORN CAMERA

LIFE SAFETY MOUNTING HEIGHTS EQ EQ FIN. FLOOR CLOSED ELECTRICAL EXIT

ADA REACH RANGES EXTINGUISHER ALARM ALARM CIRCUIT PANEL

MAXIMUM HEIGHT TO DISPENSERS SHOWN

DISPENSER WASTE

RECEPTACLE

COORDINATE WITHIN TILE MODULE

10" MAX. OBSTR. FOR SIDE REACH UNOBSTRUCTED **OBSTRUCTED** REACH SIDE REACH

PAPER SOAP LOTION HAND

DIMENSIONS MEASURED TO THE

POINT OF OPERATING CONTROL

TOWEL

DISPENSER

OBSTRUCTED FORWARD REACH

SURFACE 2'-3" MIN. TO 2-10"

CHANGE

STATION

ZONE FOR TOILET PAPER DISPENSER

TOILET PAPER

DISPENSER

MAX WHEN OPENED

OBSTRUCTED FORWARD REACH

SLOPE SYMBOLS

SHEET NUMBER

SLOPE UP SLOPE DOWN

PORTLAND, OR 97229 WASHINGTON COUNTY

PROJECT SCOPE

ADDITIONAL SCOPE ADDRESSES 25% FOR ADA UPGRADES.

PROJECT TEAM

BEAVERTON SCHOOL DISCTRICT 1260 NORTHWEST WATERHOUSE AVENUE.

WWW.HBX-STUDIO.COM ATTN: MICHAEL BARRETT, AIA

ALL DEFERRED SUBMITTALS SHALL BE SUBMITTED TO THE REGISTERED DESIGN

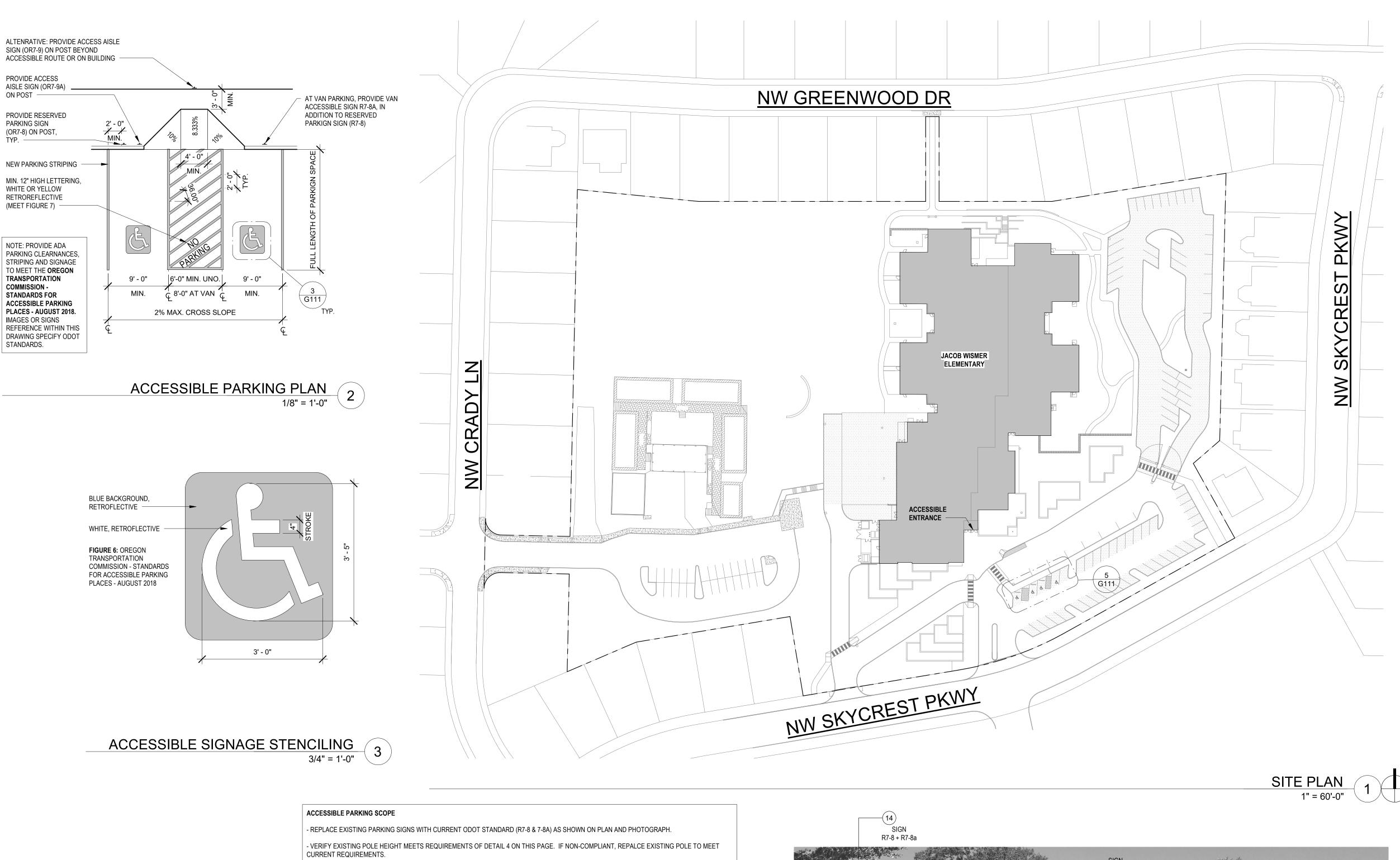
HAVING JURISDCIATION.

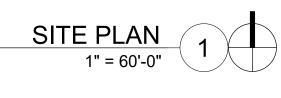
FIRE ALARM SYSTEMS

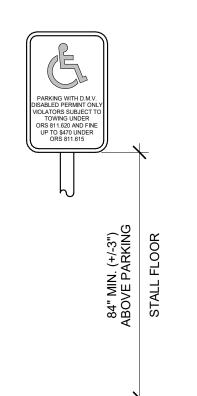
21005.01

11/10/2022

G011







- PROVIDE SUPPLIMENTAL "NO PARKING" PAVEMENT MARKING WITHIN EXISTING STRIPING ASILES. COORDINATE TIMING AND BUNDLING WITH

ISTRICT IF WORK IS PEFORMED PRIOR TO THE SCOPE CONTAINED WTIHIN THIS DOCUMENT SET.

ACCESSIBLE SIGNAGE
3/4" = 1'-0"



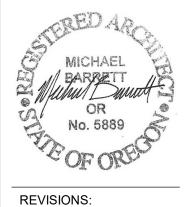


EXISTING PARKING CONDITION - NEW SIGNAGE SCOPE

1/8" = 1'-0"

5





ORS 447.241 (25% ADA RULE) COMPLIANCE

EVERY PROJECT FOR RENOVATION, ALTERATION OR MODIFICATION TO AFFECTED BUILDINGS AND RELATED FACILITIES THAT AFFECTS OR COULD AFFECT THE USABILITY OF OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION SHALL BE MADE TO INSURE THAT, TO THE MAXIMUM EXTENT FEASIBLE, THE PATHS OF TRAVEL TO THE ALTERED AREA AND THE RESTROOMS, TELEPHONES AND DRINKING FOUNTAINS SERVING THE ALTERED AREA ARE READILY ACCESSIBLE TO AND USEABLE BY INDIVIDUALS WITH DISABILITIES, UNLESS SUCH ALTERATIONS ARE DISPROPORTIONATE TO THE OVERALL ALTERATIONS IN TERMS OF COST AND SCOPE.

EXISTING NON-COMPLIANT ITEMS WITHIN THE PATH OF TRAVEL TO THE AFFECTED AREA(S) OR ELEMENTS SERVING THE ALTERED AREA PROPOSED TO BE REMEDIATED WITHIN THIS PROJECT SCOPE INCLUDE:

- NEW ACCESSIBLE PARKING SIGNAGE & PAVING MARKINGS TO MEET CURRENT REQUIREMENTS AT EXISTING ADA PARKING ACCESS AISLE
- (ODOT STANDARDS FOR ACCESSIBLE PARKING 2018) INSTALLATION OF STAIR LEVEL IDENTIFICATION SIGNAGE AT EXISTING STAIRWAYS WITHIN THE ALTERED AREA (504.9)

INSTALLATION OF THIRD VERITCAL GRAB BAR IN EXISTING ACCESSIBLE

FOLLOWING COMPLETION OF THIS PROJECT, NO ADDITIONAL BARRIERS ARE KNOWN WITHIN THE PROJECT AREA SUBJECT TO ORS 447.241.

TOILET COMPARTMENTS (604.5.1)

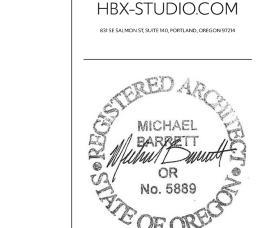
NOTE THAT THE EXISTING STAFF RESTROOMS ON THE GROUND FLOOR ARE CONSIDERED COMPLIANT WITH THE AMERICAN WITH DISABILITIES ACT TITLE III -SAFE HARBOR EXCEPTION FOR MEETING THE REQUIREMENTS OF ANSI A117.1-1991 AS MODIFIED AND CODIFIED BY CHAPTER 11 OF THE 1990 OSSC. THESE RESTROOMS ARE CONNECTED BY A COMPLIANT ACCESSIBLE ROUTE FROM ALL ALTERED AREAS WITHIN THIS PROJECT.

PROJECT:

21005.01 11/10/2022 DATE:

SITE PLAN & ACCESSIBLE PARKING

G111



REVISIONS:

CODE SUMMARY

APPLICABLE CODES

STORIES:

SEPARATION:

2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC) 2019 OREGON ZERO ENERGY READY COMMERCIAL CODE (OSSC CHAPTER 13) 2019 OREGON MECHANICAL SPECIALTYCODE (OMSC) 2021 OREGON PLUMBING SPECIALTY CODE (OPSC) 2021 OREGON ELECTRICAL SPECIALTY CODE (OESC)

2019 OREGON FIRE CODE ICC/ANSI A117.1 - 2009

WASHINGTON COUNTY MUNICIPAL CODE

CONSTRUCTION TYPE & USE (CHAPTERS 3,4 & 5)

BUILDING OCCUPANCY: E (EDUCATION) CONSTUCTION TYPE: V-B (SPRINKLERED)

NON-SEPARATED

2 ABOVE GRADE

FIRE-RESISTANT RATING REQUIREMENTS (CHAPTER 6)

PRIMARY STRUCTURAL FRAME: 0 HOURS BEARING WALLS: 0 HOURS FXTFRIOR INTERIOR: 0 HOURS NON BEARING WALLS AND PARTITIONS

SEE SHELL FLS PLANS EXTERIOR INTERIOR: 0 HOUR FLOOR CONSTRUTION 0 HOURS ROOF CONSTRUCTION: 0 HOURS

INTERIOR FINISHES (CHAPTER 8)

ALL INTERIOR AND CEILING FINISH MATERIALS TO BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL 723 AND MEET THE FOLLOWING SMOKE-DEVELOPED INDEXES AS REQUIRED BY TABLE 803.9 BELOW:

INTERIOR EXIT STAIRWAYS, EXIT RAMPS AND EXIT PASSAGEWAYS: CLASS A CORRIDORS AND ENCLOSUES FOR EXIT STAIRWAYS AND RAMPS: CLASS B ROOMS AND ENCLOSED SPACES: CLASS C

MEANS OF EGRESS (CHAPTER 10)

1006.2.1 NUMBER OF EXITS: MORE THAN ONE EXIT IS REQUIRED FROM EACH SPACE IF THE OVERALL OCCUPANT LOAD IS GREATER THAN 49

1006.2.1 COMMON PATH OF EGRESS TRAVEL: THE MAXIMUM COMMON PATH OF EGRESS TRAVEL FOR OCCUPANCY GROUPS E SHALL NOT BE MORE THAN **75 FEET** WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 903.3.1.1

1007.1.1 EXIT DISTANCE: WHERE TWO EXITS ARE REQUIRED, THE SEPARATION DISNACE SHALL NOT BE LESS THAN 1/3RD THE DIAGONAL WITH AN AUTOMATIC SPRINKLER

1016.2 EXIT TRAVEL DISTANCE: MAXIMUM TRAVEL DISTANCE FOR OCCUPANCY E, SPRINKLERED: 250'

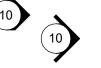
LEGEND - FLS PLANS

NOTE: PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS INDICATED BELOW:

1 HOUR FIRE PARTITION - 45 MINUTE DOOR 1 HOUR FIRE BARRIER - 60 MINUTE DOOR — — — — 2 HOUR FIRE BARRIER - 90 MINUTE DOOR 3 HOUR FIRE BARRIER - 20 MINUTE DOOR

EGRESS PATH OF TRAVEL WITH MINIMUM CLEARANCE WIDTH INDICATED. PROVIDE MINIMUM ILLUMINATION FOR EXITING. F - - C.P. X' - X" - - - COMMON PATH OF EGRESS TRAVEL (OSSC 1014.3)

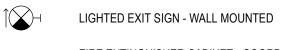
\vdash - $\xrightarrow{E.A.} \overline{X'} - \overline{X''} - - - \xrightarrow{P}$ EXIT ACCESS DISTANCE (OSSC 1016)



OCCUPANT LOAD AT OPENING CUMMALTIVE OCCUPANT LOAD AT OPENING



LIGHTED EXIT SIGN - CEILING MOUNTED SHADING INDICATES LIGHTED FACE(S), DIRECTION ARROW CORRESPONDS TO DIRECTION ARROW ON SIGN



FIRE EXTINGUISHER CABINET - COORDINATE LOCATION WITH

FIRE MARSHAL

21005.01 PROJECT: DATE: 11/10/2022

S

SKYCREST PKWY

SAFETY PLAN

FIRE, LIFE &

BUILDING A BUILDING B **CLASSROOM CLASSROOM** CLASSROOM **CLASSROOM** A120 **CLASSROOM** COMMONS **CLASSROOM CLASSROOM** A111 A124 A110 A118 OCC TYPE: E **CLASSROOM** OCC TYPE: E 681 SF FACTOR: 20 FACTOR: 20 FACTOR: 20 OCC TYPE: E FACTOR: 20 LOAD: 46 OCC TYPE: E LOAD: 46 OCC TYPE: E A104 LOAD: 46 LOAD: 46 FACTOR: 20 FACTOR: 20 FACTOR: 20 FACTOR: 20 FACTOR: 20 LOAD: 35 LOAD: 46 LOAD: 46 LOAD: 46 952 SF LOAD: 35 OCC TYPE: E FACTOR: 20 LOAD: 48 AREA OUTSIDE OF SCOPE INTERIOR EXIT ACCESS STAIR -ACCESSIBLE (E) ELEVATOR ENTRANCE EXIT ACCESS = 236'-6" (E) STUDENT RESTROOMS SERVING ALTERED AREA COMMONS B125 695 SF (E) STUDENT RESTROOMS OCC TYPE: E SERVING ALTERED AREA FACTOR: 20 LOAD: 35 **CLASSROOM** (E) STAFF SINGLE OCCUPANT RESTROOMS SERVING ALTERED AREA. RESTROOMS COMPLY ANSI A117.1-1991 CLEARANCES AND MEET CONDITIONS OF THE AMERICANS WITH DISABILITIES B122 ACT SAFE HARBOR EXCEPTION OF TITLE III - SECTION D.2.i 910 SF FACTOR: 20 LOAD: 46 **CLASSROOM** B120 COMMONS **CLASSROOM** B111 942 SF B116 OCC TYPE: E 684 SF CLASSROOM FACTOR: 20 BUILDING A I BUILDING B 920 SF OCC TYPE: E LOAD: 48 B108 FACTOR: 20 OCC TYPE: E LOAD: 35 CLASSROOM FACTOR: 20 **CLASSROOM** 918 SF ALTERED AREA - PRIMARY FUNCTION **CLASSROOM** LOAD: 46 B106 OCC TYPE: E B104 NOTE: EXIT SIGNS WTIHIN THIS PLAN ARE EXISTING (E) FACTOR: 20 B118 ACCESSIBLE PATH OF TRAVEL TO THE ALTERED AREA UNLESS NOTED OTHERWISE 933 SF LOAD: 46 936 SF 934 SF OCC TYPE: E OCC TYPE: E AREA OUTSIDE OF PROJECT SCOPE FACTOR: 20 OCC TYPE: E FACTOR: 20 LOAD: 47 FACTOR: 20 LOAD: 47 LOAD: 47 FIRE, LIFE, SAFETY PLAN - UPPER LEVEL 1

ORS 447.241 (25% ADA RULE) COMPLIANCE

EVERY PROJECT FOR RENOVATION, ALTERATION OR MODIFICATION TO AFFECTED BUILDINGS AND RELATED FACILITIES THAT AFFECTS OR COULD AFFECT THE USABILITY OF OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION SHALL BE MADE TO INSURE THAT, TO THE MAXIMUM EXTENT FEASIBLE, THE PATHS OF TRAVEL TO THE ALTERED AREA AND THE RESTROOMS. TELEPHONES AND DRINKING FOUNTAINS SERVING THE ALTERED AREA ARE READILY ACCESSIBLE TO AND USEABLE BY INDIVIDUALS WITH DISABILITIES, UNLESS SUCH ALTERATIONS ARE DISPROPORTIONATE TO THE OVERALL ALTERATIONS IN

EXISTING NON-COMPLIANT ITEMS WITHIN THE PATH OF TRAVEL TO THE AFFECTED AREA(S) OR ELEMENTS SERVING THE ALTERED AREA PROPOSED TO BE REMEDIATED WITHIN THIS PROJECT SCOPE INCLUDE:

NEW ACCESSIBLE PARKING SIGNAGE & PAVING MARKINGS TO MEET CURRENT REQUIREMENTS AT EXISTING ADA PARKING ACCESS AISLE

(ODOT - STANDARDS FOR ACCESSIBLE PARKING - 2018)

- INSTALLATION OF STAIR LEVEL IDENTIFICATION SIGNAGE AT EXISTING STAIRWAYS WITHIN THE ALTERED AREA (504.9)
- TOILET COMPARTMENTS (604.5.1)

FOLLOWING COMPLETION OF THIS PROJECT, NO ADDITIONAL BARRIERS ARE KNOWN WITHIN THE PROJECT AREA SUBJECT TO ORS 447.241.

NOTE THAT THE EXISTING STAFF RESTROOMS ON THE GROUND FLOOR ARE CONSIDERED COMPLIANT WITH THE AMERICAN WITH DISABILITIES ACT TITLE III -SAFE HARBOR EXCEPTION FOR MEETING THE REQUIREMENTS OF ANSI A117.1-1991 AS MODIFIED AND CODIFIED BY CHAPTER 11 OF THE 1990 OSSC. THESE RESTROOMS ARE CONNECTED BY A

CODE REQUIRED SIGANGE

- A. PROVIDE REQUIRED CODE REQUIRED SIGNAGE AS PRESCRIBED BY THE OREGON STRUCTURAL SPECIALTY CODE AND THE INTERNATIONAL FIRE CODE. COORDINATE LOCATION WITH ARCHITECT AND AUTHORITY HAVING JURISDICTION PRIOR TO
- B. THE FOLLOWING ITEMS ARE TYPICALLY PROVIDED BY THE GENERAL CONTRACTOR, BUT MAY NOT EXHAUSTIVE OF ALL UNIQUE PROJECT REQUIREMENTS. COORDINATE EXTENT OF CODE REQUIRED SIGNAGE WITHIN THIS PROJECT WITH ARCHITECT OF RECORD PRIOR TO SUBSTANTIAL COMPLETION.
- C. OREGON SPECIALTY STRUCTURAL CODE BASED ON THE INTERNATIONAL BUILDING CODE (IBC)

- OCCUPANT LOAD (1004.3) - TWO-WAY COMMUNICATION DEVICES (IBC 1007.8.2) - AREAS OF REFUGE (IBC 1007.9) - DELAYED EMERGENCY EXIT DOORS (IBC 1008.1.9) - KEY LOCKS ON EGRESS SIDE OF DOORS (IBC 1008.1.9) - EXIT SIGNAGE (IBC 1011.1) - FLOOR IDENTIFICATION (IBC 1022.8) - ACCESSIBILITY ELEMENTS AND DIRECTIONAL SIGNAGE (IBC 1110)

D. OREGON FIRE CODE - BASED ON THE INTERNATIONAL FIRE CODE (IFC)

- ELEVATOR EMERGENCY SIGNS (IBC 3002.3)

- NO SMOKING (IFC 310.3) - PREMISES IDENTIFICATION (IFC 505.1) - FIRE PROTECTION EQUIPMENT SIGNS (IFC 509.1) - ELECTRICAL CONTROL ROOMS (IFC 605.3.1) - FIRE DOORS (IFC 703.2.1) - FIRE DEPARTMENT CONNECTIONS (IFC 912.4)

RATED ASSEMBLIES

- A. WHERE RATED ASSEMBLIES ARE SHOWN ON THE FLS PLAN, PROVIDE A UL OR GA LISTED RATED ASSEMBLY TO MEET THE FIRE RATING REQUIREMENTS TO THE ARCHITECT FOR
- B. PROVIDE A UL OR GA LISTED PERIMETER JOINT ASSEMBLY AND THROUGH PENETRATION FIRE STOP ASSMEMBLY MEETING THE FIRE RATED REQUIREMENT OF THE WALL, FLOOR/CEILING OR ROOF ASSMBLY SHOWN ON THE FLS PLANS.
- C. PROVIDE A SUBMITTAL CUTSHEET TO THE ARCHITECT OF EACH SELECTED FIRE RESISTANT ASSEMBLY PRIOR TO INSTALLATION.
- A. MEANS OF EGRESS, INCLUDING EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE IS SERVED BY THE MEANS OF EGRESS.
- B. PROVIDE MINIMUM 1 FOOT-CANDLE OF ILLUMINATION AT ALL MEANS OF EGRESS. THE POWER SUPPLY FOR THE MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE BUILDINGS ELECTRICAL SUPPLY. IN THE EVENT OF A POWER FAILURE, THE EMERGENCY POWER SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT, OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH 2015 IBC SECTION 2702 AND 2015 IBC SECTION 1006.
- 1008.2.1, 1008.3 AND EMERGENCY POWER PER 1008.3.5.

FIRE LIFE SAFETY (BY GENERAL CONTRACTOR)

THE FOLLOWING ITEMS ARE FIRE LIFE SAFETY REQUIREMENTS TO BE COMPLETED BY THE GENERAL CONTRACTOR. PROVIDE THE APPROPRIATE SUBMITTAL TO THE ARCHITECT FOR REVIEW AND COORDINATION PRIOR TO SUBMITTING TO THE AUTHOROITY HAVING

DELEGATED DESIGN SUBMITTALS/PERMITS

- A. ITEMS LISTED AS A DEFERRED SUBMITTAL OR DESIGN BUILD ITEMS ON SHEET G001 REQUIRE ENGINEERING TO BE PROVIDED BY THE GENERAL CONTRACTOR.
- B. PROVIDE A COMPLETE AND ENGINEERED SYSTEM TO MEET THE DESIGN INTENT CONTAINED WITHIN THESE CONTRACT DOCUMENTS. PROVIDE A SUBMITTAL TO THE ARCHITECT FOR REVIEW OF DESIGN INTENT CONFORMANCE ONLY; THIS REVIEW DOES NOT CONSTITUTE A PROFESSIONAL PEER REVIEW OF THE SYSTEMS SUBMITTED.
- C. WHERE A LICENSED DESIGN PROFESSIONAL IS REQUIRED BY THE AUTHORITY HAVING JURISDICTION, THE GENERAL CONTRACTOR IS TO SECURE THESE SERVICES AND PROVIDE STAMPED DOCUMENTS TO MEET THE LOCAL REQUIREMENTS FOR A DEFERRED SUBMITTAL OR SEPARATE PERMIT.
- D. ADDITIONAL DEFERRED SUBMITTAL OR PERMIT FEES TO BE PAID BY THE GENERAL CONTRACTOR.

TERMS OF COST AND SCOPE.

INSTALLATION OF THIRD VERITCAL GRAB BAR IN EXISTING ACCESSIBLE

COMPLIANT ACCESSIBLE ROUTE FROM ALL ALTERED AREAS WITHIN THIS PROJECT.

- C. PRIOR TO FINAL INSPECTION. SUBMIT DOCUMENTATION SUBSTANTIATING THE COMPLETION OF TEST FOR THE MEANS OF EGRESS ILLUMINATION LEVEL PER 2015 IBC

2019 OREGON ZERO ENERGY READY COMMERCIAL CODE (OSSC CHAPTER 13)

2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC)

2019 OREGON MECHANICAL SPECIALTYCODE (OMSC)

2021 OREGON PLUMBING SPECIALTY CODE (OPSC) 2021 OREGON ELECTRICAL SPECIALTY CODE (OESC)

BUILDING OCCUPANCY: E (EDUCATION) CONSTUCTION TYPE: V-B (SPRINKLERED)

CODE SUMMARY

APPLICABLE CODES

2019 OREGON FIRE CODE ICC/ANSI A117.1 - 2009

STORIES: 2 ABOVE GRADE SEPARATION: NON-SEPARATED

FIRE-RESISTANT RATING REQUIREMENTS (CHAPTER 6)

PRIMARY STRUCTURAL FRAME: 0 HOURS BEARING WALLS: 0 HOURS FXTFRIOR INTERIOR: 0 HOURS NON BEARING WALLS AND PARTITIONS: SEE SHELL FLS PLANS EXTERIOR INTERIOR: 0 HOUR FLOOR CONSTRUTION 0 HOURS 0 HOURS ROOF CONSTRUCTION:

INTERIOR FINISHES (CHAPTER 8)

ALL INTERIOR AND CEILING FINISH MATERIALS TO BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL 723 AND MEET THE FOLLOWING SMOKE-DEVELOPED INDEXES AS REQUIRED BY TABLE 803.9 BELOW:

INTERIOR EXIT STAIRWAYS, EXIT RAMPS AND EXIT PASSAGEWAYS: CLASS A CORRIDORS AND ENCLOSUES FOR EXIT STAIRWAYS AND RAMPS: CLASS B ROOMS AND ENCLOSED SPACES: CLASS C

MEANS OF EGRESS (CHAPTER 10)

1006.2.1 NUMBER OF EXITS: MORE THAN ONE EXIT IS REQUIRED FROM EACH SPACE IF THE OVERALL OCCUPANT LOAD IS GREATER THAN 49

1006.2.1 COMMON PATH OF EGRESS TRAVEL: THE MAXIMUM COMMON PATH OF EGRESS TRAVEL FOR OCCUPANCY GROUPS E SHALL NOT BE MORE THAN **75 FEET** WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 903.3.1.1

1007.1.1 EXIT DISTANCE: WHERE TWO EXITS ARE REQUIRED, THE SEPARATION DISNACE SHALL NOT BE LESS THAN 1/3RD THE DIAGONAL WITH AN AUTOMATIC SPRINKLER

1016.2 EXIT TRAVEL DISTANCE: MAXIMUM TRAVEL DISTANCE FOR OCCUPANCY E, SPRINKLERED: 250'

LEGEND - FLS PLANS

NOTE: PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS INDICATED BELOW:

1 HOUR FIRE PARTITION - 45 MINUTE DOOR 1 HOUR FIRE BARRIER - 60 MINUTE DOOR — — — — 2 HOUR FIRE BARRIER - 90 MINUTE DOOR

3 HOUR FIRE BARRIER - 20 MINUTE DOOR EGRESS PATH OF TRAVEL WITH MINIMUM CLEARANCE WIDTH / INDICATED. PROVIDE MINIMUM ILLUMINATION FOR EXITING.

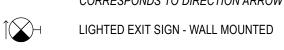
- - - - - - - - COMMON PATH OF EGRESS TRAVEL (OSSC 1014.3)



OCCUPANT LOAD AT OPENING CUMMALTIVE OCCUPANT LOAD AT OPENING



LIGHTED EXIT SIGN - CEILING MOUNTED



SHADING INDICATES LIGHTED FACE(S), DIRECTION ARROW CORRESPONDS TO DIRECTION ARROW ON SIGN



F.E.C

FIRE EXTINGUISHER CABINET - COORDINATE LOCATION WITH FIRE MARSHAL

PROJECT:

DATE:

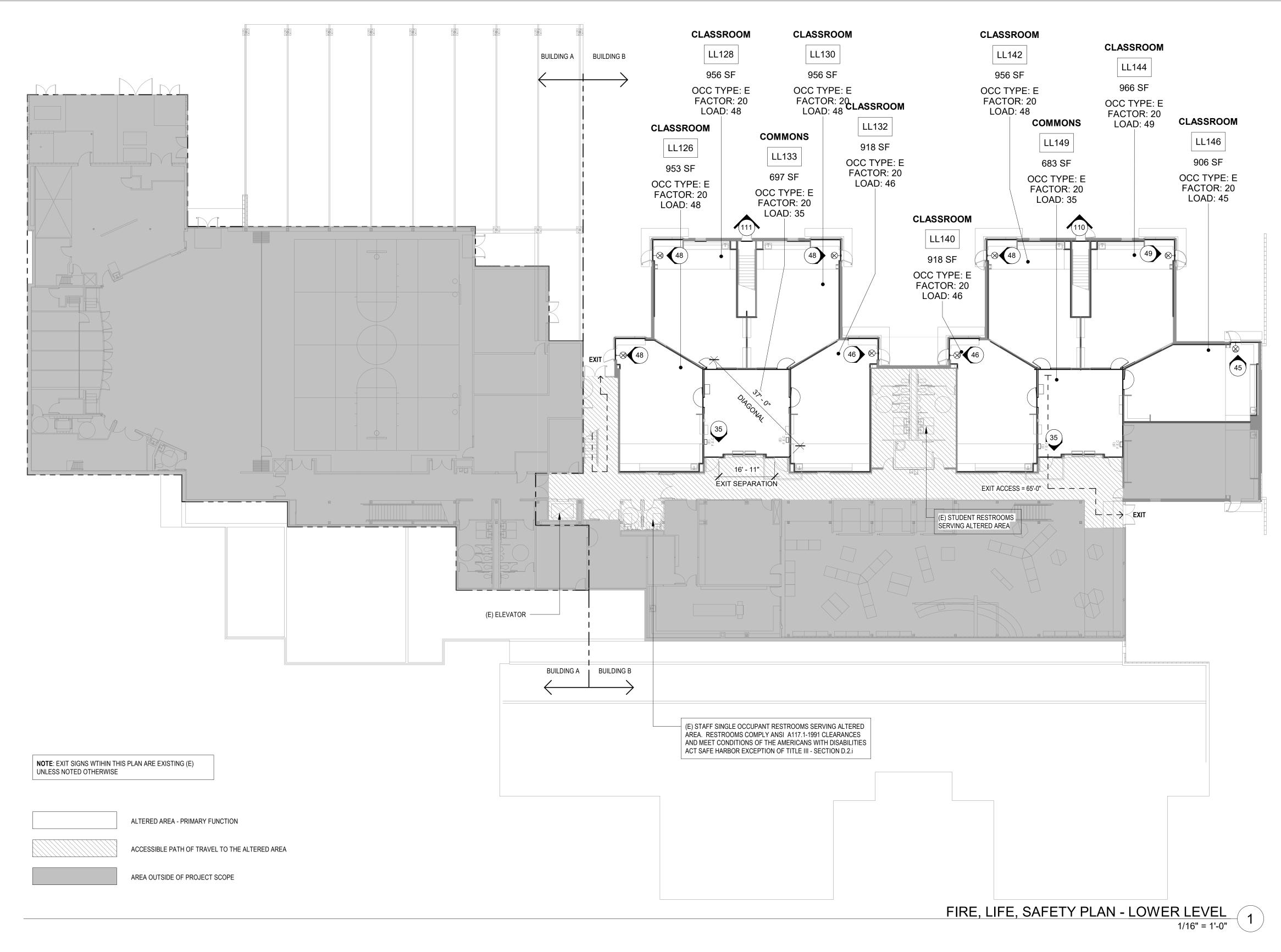
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SAFETY PLAN

FIRE, LIFE &



ORS 447.241 (25% ADA RULE) COMPLIANCE

EVERY PROJECT FOR RENOVATION, ALTERATION OR MODIFICATION TO AFFECTED BUILDINGS AND RELATED FACILITIES THAT AFFECTS OR COULD AFFECT THE USABILITY OF OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION SHALL BE MADE TO INSURE THAT, TO THE MAXIMUM EXTENT FEASIBLE, THE PATHS OF TRAVEL TO THE ALTERED AREA AND THE RESTROOMS. TELEPHONES AND DRINKING FOUNTAINS SERVING THE ALTERED AREA ARE READILY ACCESSIBLE TO AND USEABLE BY INDIVIDUALS WITH DISABILITIES, UNLESS SUCH ALTERATIONS ARE DISPROPORTIONATE TO THE OVERALL ALTERATIONS IN TERMS OF COST AND SCOPE.

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- NEW ACCESSIBLE PARKING SIGNAGE & PAVING MARKINGS TO MEET CURRENT REQUIREMENTS AT EXISTING ADA PARKING ACCESS AISLE
- (ODOT STANDARDS FOR ACCESSIBLE PARKING 2018) INSTALLATION OF STAIR LEVEL IDENTIFICATION SIGNAGE AT EXISTING
- STAIRWAYS WITHIN THE ALTERED AREA (504.9) INSTALLATION OF THIRD VERITCAL GRAB BAR IN EXISTING ACCESSIBLE TOILET COMPARTMENTS (604.5.1)

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- B. PROVIDE A UL OR GA LISTED PERIMETER JOINT ASSEMBLY AND THROUGH PENETRATION FIRE STOP ASSMEMBLY MEETING THE FIRE RATED REQUIREMENT OF THE WALL, FLOOR/CEILING OR ROOF ASSMBLY SHOWN ON THE FLS PLANS.
- C. PROVIDE A SUBMITTAL CUTSHEET TO THE ARCHITECT OF EACH SELECTED FIRE RESISTANT ASSEMBLY PRIOR TO INSTALLATION.

EMERGENCY LIGHTING REQUIREMENTS

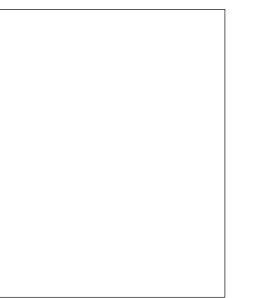
- A. MEANS OF EGRESS, INCLUDING EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE IS SERVED BY THE MEANS OF EGRESS.
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FIRE LIFE SAFETY (BY GENERAL CONTRACTOR)

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- ADDITIONAL DEFERRED SUBMITTAL OR PERMIT FEES TO BE PAID BY THE GENERAL CONTRACTOR.



GENERAL NOTES - FLOOR PLAN

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER JOINT ASSEMBLIES.
- C. REFER TO SHEET A800 FOR TYPICAL PARTITION DETAILS AND TYPES INCLUDING STUD FRAMING AND HEADER REQUIREMENTS.
- D. REFER TO SHEET A800 FOR REQUIRED USE OF MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD LOCATIONS.
- E. DIMENSIONS ARE TO FACE OF WALL/FINISH UNLESS OTHERWISE NOTED. ADVISE ARCHITECT IN WRITING OF ANY DISCREPANCIES PARTICUALY OF STATED INTEIROR CLEAR DIMENSIONS.
- F. WHERE DIMENSIONS ARE LISTED AS 'CRITICAL CLEAR' THESE DIMENSIONS MUST ABSULUTELY BE HELD FOR ADA OR EGRESS COMPLIANCE. DIMENSIONS LISTED WITH '+/-' TYPICALLY HAVE SOME CONSTRUCTION TOLERANCE.
- AND/OR NEW CONSTRUCTION. H. ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER

G. PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING

- AWCI STANDARDS.
- I. PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.

KEYED NOTES - PROJECT SCOPE

- 1 ALIGN F.O. FINISHES, TYP.
- 2 SEE TYPICAL ENLARGED PLANS AND KEYNOTES FOR SCOPE WITHIN THIS AREA.
- 3 PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL. 5 PROVIDE 2X WOOD BLOCKING FOR FUTURE WALL MOUNTED BOARD ALONG ENTIRE
- LENGTH OF THIS WALL. SEE TYPICAL ELEVATION AND BLOCKING DETAIL. 6 RELOCATE (E) LIGHT SWITCH FROM THIS LOCATION; SEE ELECTRICAL DRAWINGS
- 7 INSTALL (N) 18" VERTICAL GRAB BAR AT EXISTING ACCESSIBLE RESTROOM OR TOILET COMPARTMENT. REMOUNT EXISTING TOILET ACCESSSORIES WITHIN THIS AREA TO
- MEET ADA COMPLIANCE; SEE G001 FOR MOUNTING HEIGHTS AND CLEARANCES 9 ALIGN F.O. FINISHES TO EXISTING HEADERS IF PRESENT. ALIGN F.O. FINISHES TO THE
- COMMONS SIDE IF THERE IS NO EXISITNG HEADERS.
- 13 PROVIDE TRAFFIC COATING "NO PARKING" MARKING AT EXISTING ADA ACCESS AISLE. 14 PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL, SEE SITE PLAN FOR TYPICAL
- 17 INSTALL OWNER PROVIDED ROOM SIGANG. MATCH DISTRICT STANDARD, CFCI. TYP.
- 18 INSTALL NEW 3"x3"x48" STAINLESS STEEL CORNER GUARD, MECHANICALLY FASTENED. 19 REMOVE AND PROTECT EXISTING CASEWORK/SECURED FURNITURE. REINSTALL REMOVED ITEMS FOLLOWING THE WALL PAINT SCOPE AT ORIGINAL LOCATION UNO IN CASEWORK RELOCATION DIAGRAM. INSTALL AND SCRIBE RUBBER WALL BASE TO THE
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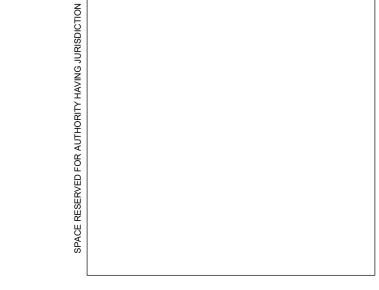
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FLOOR PLAN -

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UPPER LEVEL





GENERAL NOTES - FLOOR PLAN

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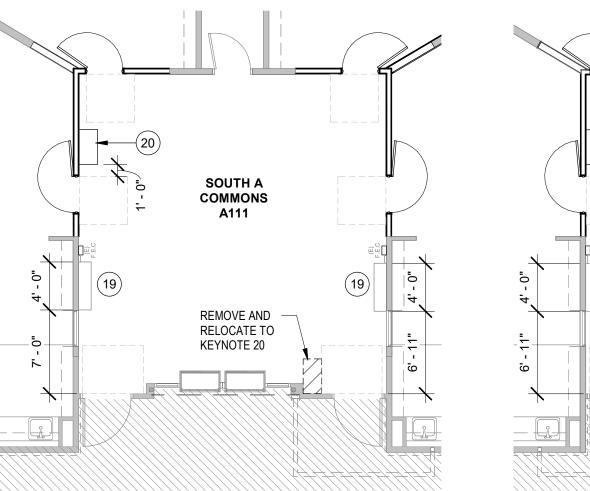
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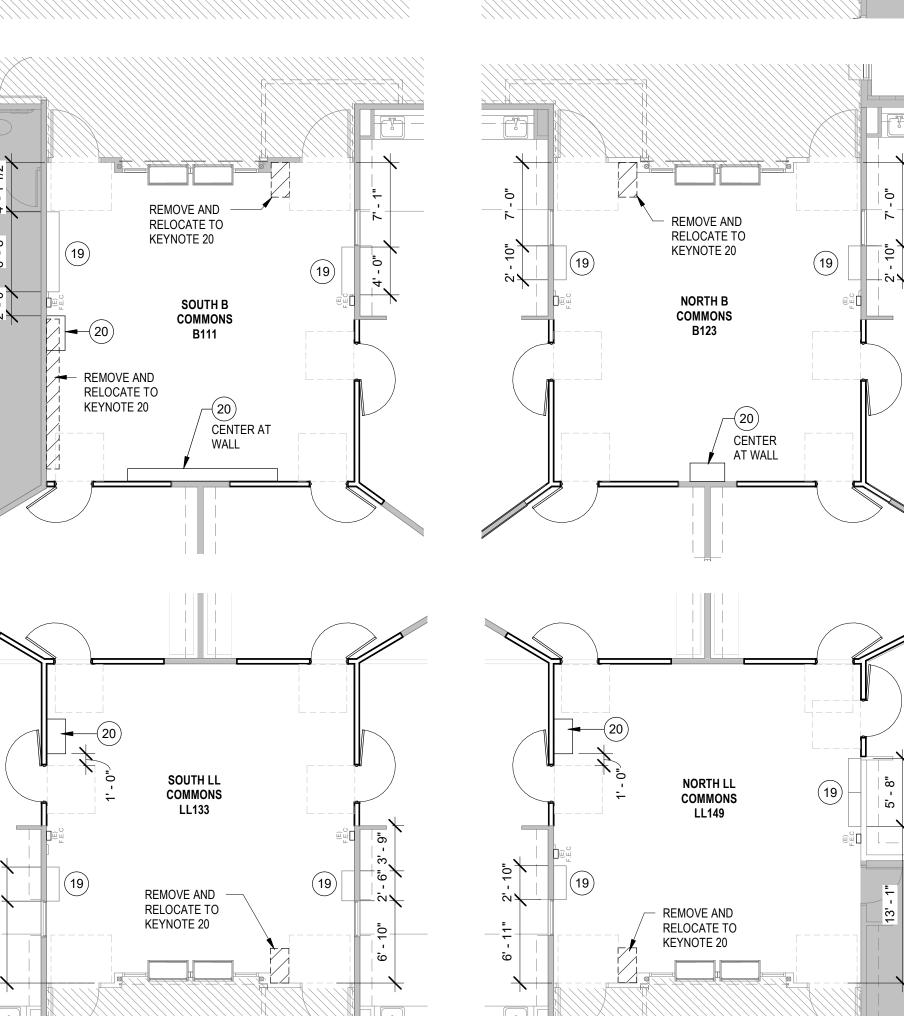
PROJECT: 21005.01 DATE: 11/10/2022

FLOOR PLAN -LOWER LEVEL

KEYED NOTES - PROJECT SCOPE

- 1 ALIGN F.O. FINISHES, TYP.
- 2 SEE TYPICAL ENLARGED PLANS AND KEYNOTES FOR SCOPE WITHIN THIS AREA. 3 PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL. 5 PROVIDE 2X WOOD BLOCKING FOR FUTURE WALL MOUNTED BOARD ALONG ENTIRE
- LENGTH OF THIS WALL. SEE TYPICAL ELEVATION AND BLOCKING DETAIL. 6 RELOCATE (E) LIGHT SWITCH FROM THIS LOCATION; SEE ELECTRICAL DRAWINGS 7 INSTALL (N) 18" VERTICAL GRAB BAR AT EXISTING ACCESSIBLE RESTROOM OR TOILET
- COMPARTMENT. REMOUNT EXISTING TOILET ACCESSSORIES WITHIN THIS AREA TO MEET ADA COMPLIANCE; SEE G001 FOR MOUNTING HEIGHTS AND CLEARANCES 9 ALIGN F.O. FINISHES TO EXISTING HEADERS IF PRESENT. ALIGN F.O. FINISHES TO THE COMMONS SIDE IF THERE IS NO EXISITNG HEADERS.
- 13 PROVIDE TRAFFIC COATING "NO PARKING" MARKING AT EXISTING ADA ACCESS AISLE. 14 PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL, SEE SITE PLAN FOR TYPICAL
- 17 INSTALL OWNER PROVIDED ROOM SIGANG. MATCH DISTRICT STANDARD, CFCI. TYP. 18 INSTALL NEW 3"x3"x48" STAINLESS STEEL CORNER GUARD, MECHANICALLY FASTENED. 19 REMOVE AND PROTECT EXISTING CASEWORK/SECURED FURNITURE. REINSTALL
- REMOVED ITEMS FOLLOWING THE WALL PAINT SCOPE AT ORIGINAL LOCATION UNO IN CASEWORK RELOCATION DIAGRAM. INSTALL AND SCRIBE RUBBER WALL BASE TO THE FACE OF REINSTALLED CASEWORK. GC TO CONFIRM THE FINAL LOCATION OF THE CASEWORK WITH THE DISTRICT. VERIFY ALL DIMENSION ON SITE.
- 20 RELOCATE SECURED FURNITURE TO LOCATION SHOWN SEE KEYNOTE 19 FOR INSTALLATION DETAILS. GC TO CONFIRM FINAL LOCATION WITH THE DISTRICT. 21 NEW SUPPLY AIR DIFFUSER / RETURN AIR REGISTER. GC TO REPLACE ALL CEILING TILE AND GRID AND REPAIR AS NECESSARY TO THE EXTENT REQUIRED TO ACCOMODATE NEW MECHANICAL WORK SCOPE. GC TO PATCH BACK ALL WALL PENETRATION AROUND NEW OPENING FOLLOWING HVAC DEMOLITION AND/OR CONSTRUCTION. SEE MECHANICAL FOR REVISIONS.





FINISH SCHEDULE

NOTE - INSTALL ALL FINISHES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

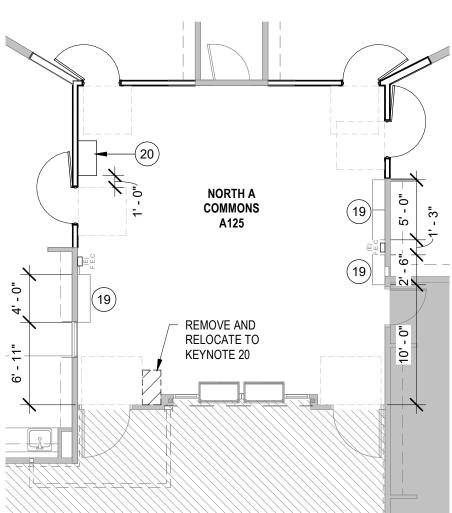
09 91 00 - PAINTS AND COATINGS

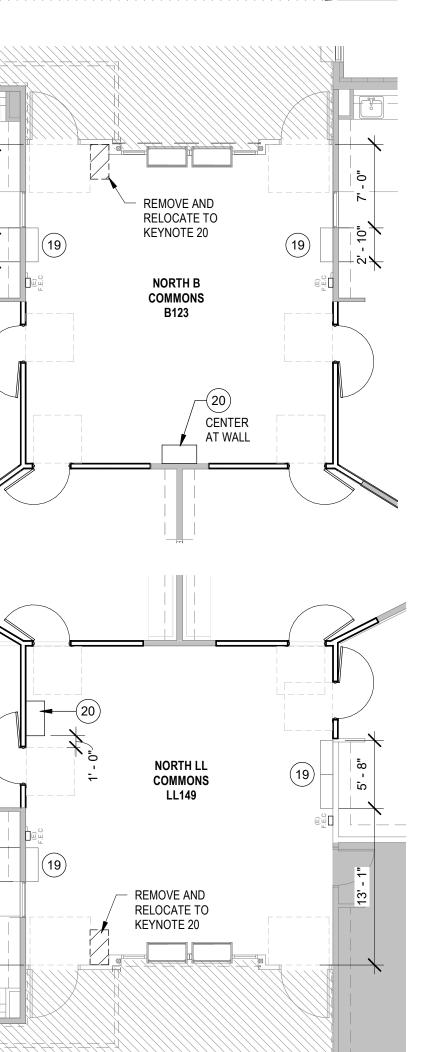
MANUFACTURER: RODDA PAINT PRODUCT: UNIQUE II LOW-GLOSS (532001) COLOR: MATCH BUILDING STANDARD FINISH: LOW GLOSS EGGSHELL LOCATIONS: WALL FINISH

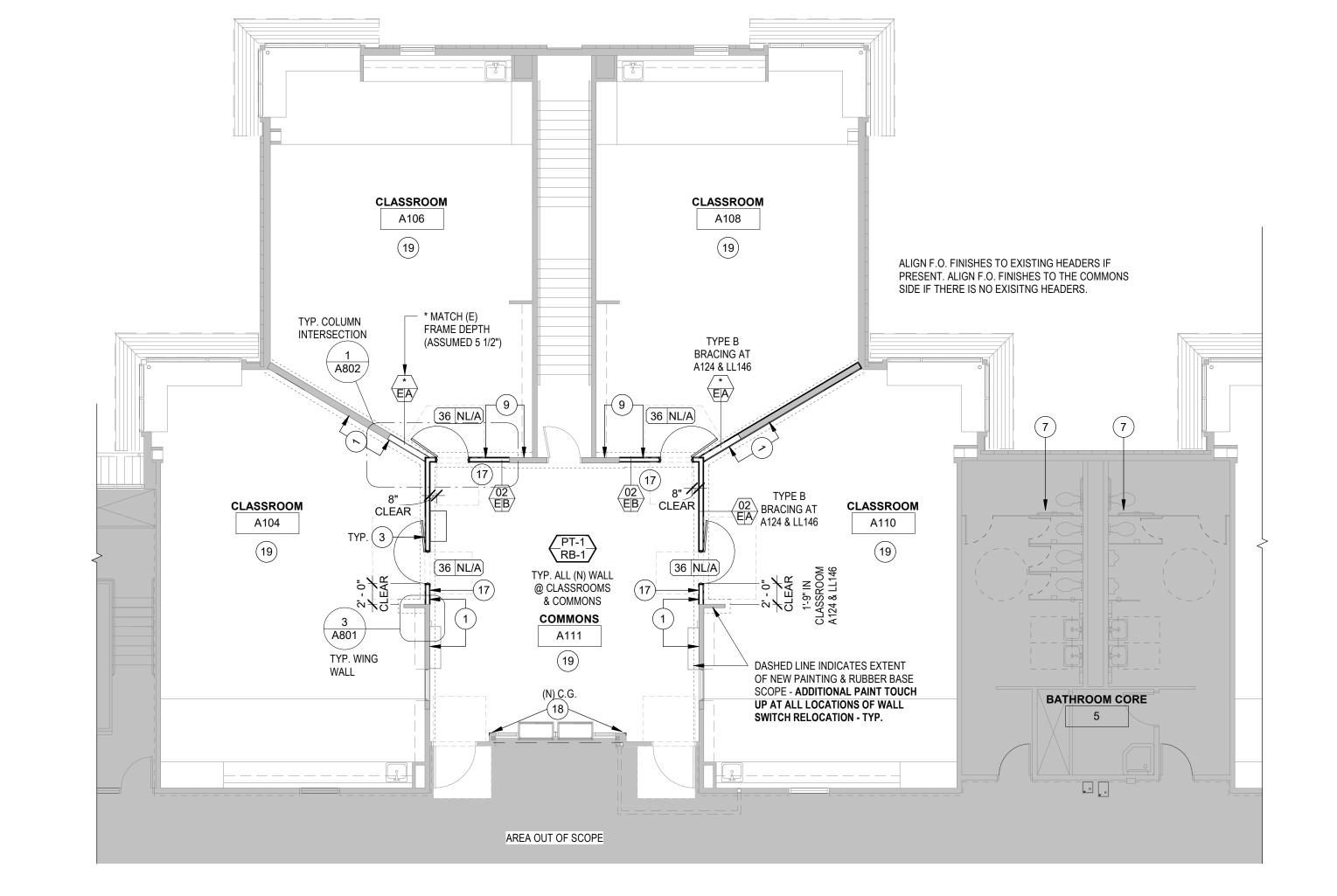
MANUFACTURER: RODDA PAINT PRODUCT: MULTI MASTER DTM OR EQUAL COLOR: TBD LOCATIONS: DOOR FRAME

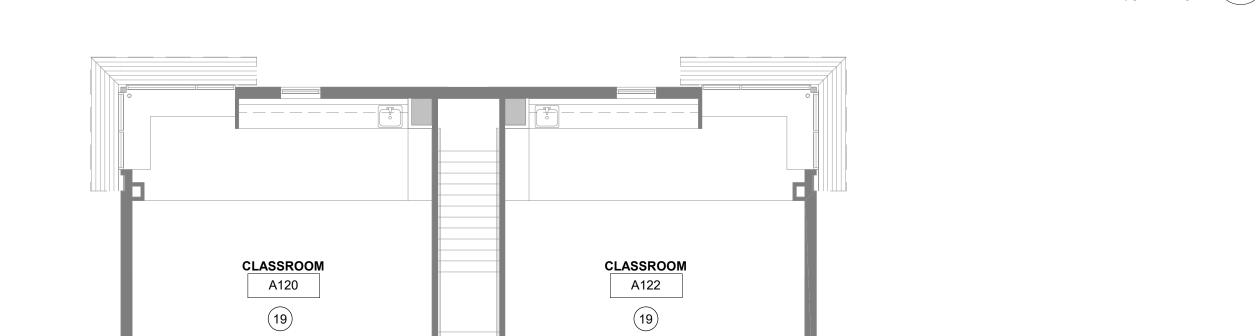
09 65 00 - RESILIENT FLOORING & BASE

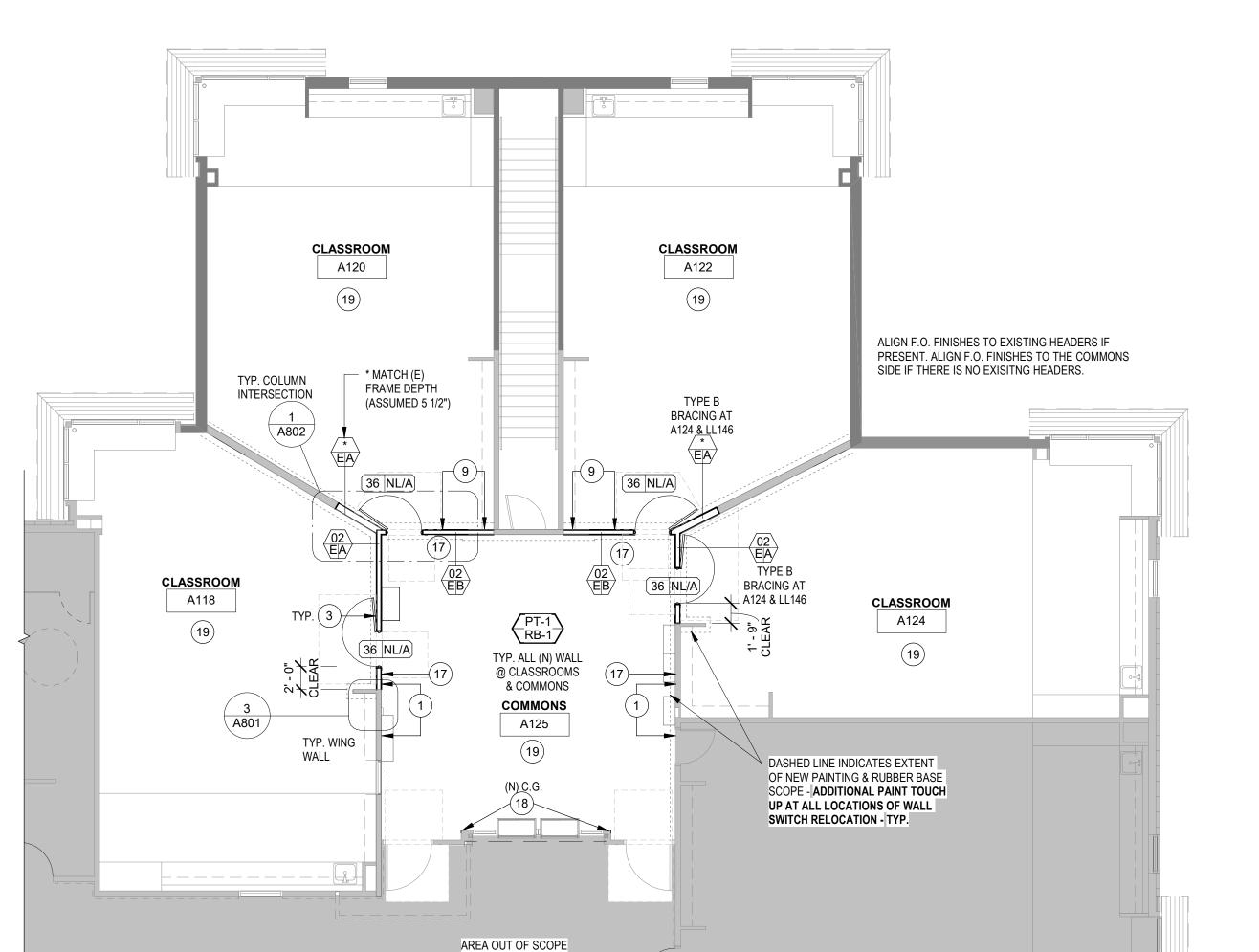
MANUFACTURER: FLEXCO PRODUCT: WALL FLOWER RUBBER COVE BASE SIZE: 4" COLOR: TBD LOCATIONS: AT WALLS WHERE NEW PAINT IS APPLIED, TYPICAL

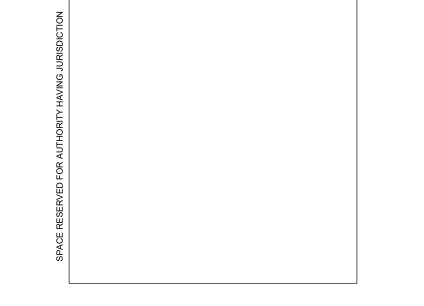












GENERAL NOTES - FLOOR PLAN

OR CEMENT BACKER BOARD LOCATIONS.

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER JOINT ASSEMBLIES.
- C. REFER TO SHEET A800 FOR TYPICAL PARTITION DETAILS AND TYPES INCLUDING STUD FRAMING AND HEADER REQUIREMENTS.
- D. REFER TO SHEET A800 FOR REQUIRED USE OF MOISTURE RESISTANT GYPSUM BOARD
- E. DIMENSIONS ARE TO FACE OF WALL/FINISH UNLESS OTHERWISE NOTED. ADVISE ARCHITECT IN WRITING OF ANY DISCREPANCIES PARTICUALY OF STATED INTEIROR CLEAR DIMENSIONS.
- F. WHERE DIMENSIONS ARE LISTED AS 'CRITICAL CLEAR' THESE DIMENSIONS MUST ABSULUTELY BE HELD FOR ADA OR EGRESS COMPLIANCE. DIMENSIONS LISTED WITH
- G. PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION.

'+/-' TYPICALLY HAVE SOME CONSTRUCTION TOLERANCE.

- H. ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWCI STANDARDS.
- I. PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.

LEGEND - FLOOR PLANS

	WALL TYPE PER ASSEMBLY	STU	D SIZE LEGEND
WALL TAG	BRACING CONDTION	Α	7/8" FURRING CHANNEL
	STUD TYPE PER LEGEND	В	1 1/2" FURRING CHANNEL
DOOR TAG -		С	1 5/8" METAL STUD
UNIQUE	102 rd - DOOR TAG - REFER TO DOOR SCHEDULE	D	2 1/2" METAL STUD
		Е	3 5/8" METAL STUD
DOOR TAG -	34 A : DOOR & FRAME TYPE	F	4" METAL STUD
REPEATABLE	34 A . DOOR & FRAME TYPE SEE SCHEDULE	G	6" METAL STUD
WINDOW TAG	DOOR WIDTH	Н	8" METAL STUD
	ASCHEDULE	ı	2 1/2" C-H SHAFT WALL STUD
		J	4" C-H SHAFT WALL STUD
KEY NOTE		K	6" C-H SHAFT WALL STUD
NEI NOIL	1_)_; KEY NOTE - SEE SCHEDULE		CING CONDITION
		Α	HEAD @ (E) ACT

LIGHTING AND CEILING MATERIALS - LEGEND

(24 x 48)

EXISTING WALLS

-CEILING HEIGHT AFF



					, ,		(SEE TIPE)
	WAL	L BRACIN	IG KEY - F	REFE	R TO PARTITION	DETAILS	
I					COMPOSITE W	IALL TO PARTITION TRACK - SEE V	VALL DETAIL C/A800

BRACED WALL, BELOW GWB HEADER - SEE WALL DETAIL B/A800.

BRACED WALL, BELOW TILE CEILING - SEE WALL DETAIL A/A800.

CEILING TAG -CEILING TYPE - SEE SCHEDULE ACT-1-10-0" -

LIGHTING & FIXTURE KEY. SEE SPECIFICATIONS AND ELEVATIONS FOR DETAILS LIGHTING TAG - SEE SCHEDULE

EXISTING TROFFER

FIXTURE - 2 x 4

SWITCH

LOCATION

D = DIMABLE

OS = OCCUPANCY SENSOR 3 = 3-WAY SWITCH

EXIT LIGHT (BATTERY BACKUP) -ARROW DESIGNATES DIRECTION OUTLET LOCATION - ABOVE

B HEAD @ (E) SOFFIT/HEADER C HEAD @ PARTITION TRACK

GWB:

HVAC SYMBOLS. SEE MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILS

CONCTRACTOR TO REPLACE CEILING TILE AND GRID TO THE EXTENT REQUIRED TO ACCOMMODATE NEW DUCT WORK.

NEW RETURN GRILL

EXISTING SUPPLY DIFFUSER

EXISTING RETURN GRILL

HVAC ELEMENT TO BE DEMOLISHED

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MICHAEL

BARRETT OR No. 5889

REVISIONS:

PROJECT: 21005.01 11/10/2022 DATE:

ENLARGED FLOOR PLAN A113

ENLARGED FLOOR PLAN #1

KEYED NOTES - PROJECT SCOPE

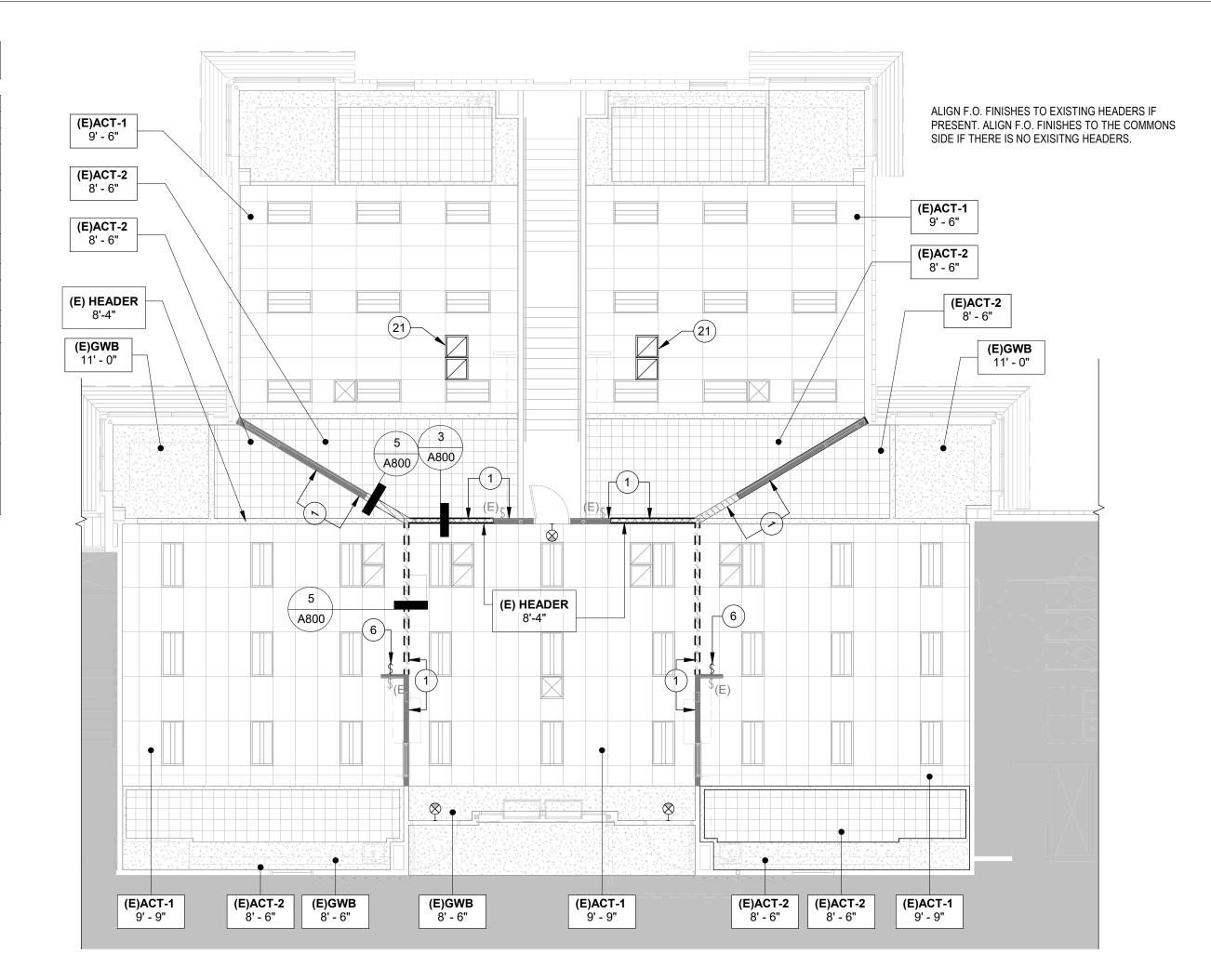
- 1 ALIGN F.O. FINISHES, TYP.
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- 3 PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL. 5 PROVIDE 2X WOOD BLOCKING FOR FUTURE WALL MOUNTED BOARD ALONG ENTIRE
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- MEET ADA COMPLIANCE; SEE G001 FOR MOUNTING HEIGHTS AND CLEARANCES 9 ALIGN F.O. FINISHES TO EXISTING HEADERS IF PRESENT. ALIGN F.O. FINISHES TO THE COMMONS SIDE IF THERE IS NO EXISITNG HEADERS.
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NEW OPENING FOLLOWING HVAC DEMOLITION AND/OR CONSTRUCTION. SEE

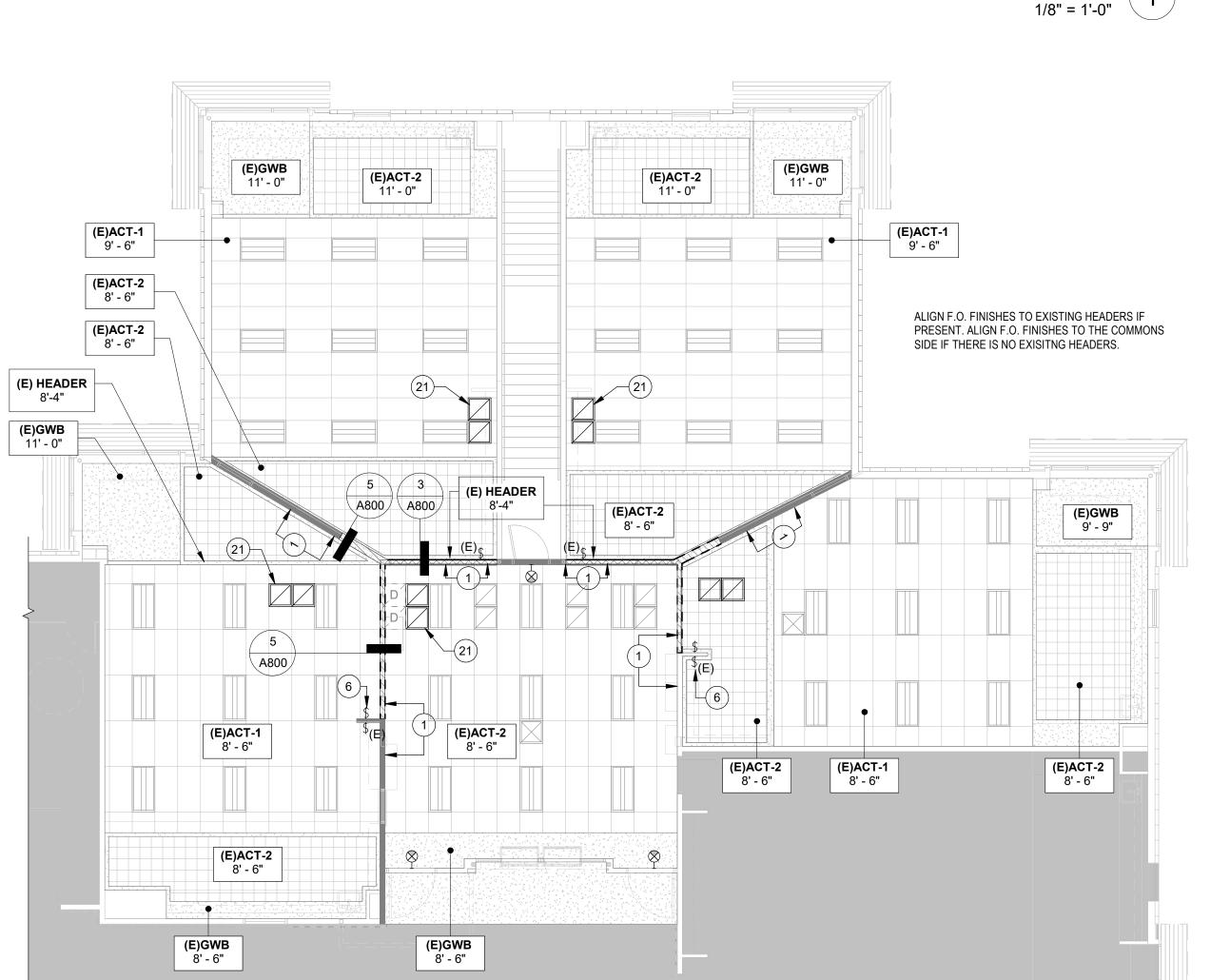
ELECTRICAL SCOPE: SEE ELECTRICAL FOR ALL EXISTING TO REMAIN AND EXISTING TO RELOCATE EXIT SIGNS AND LIGHT SWITCHES.

MECHANICAL FOR REVISIONS.

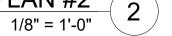
AREA OF HVAC WORKSCOPE: GC TO REPLACE ALL CEILING TILE AND GRID AND REPAIR AS NECESSARY TO THE EXTENT REQUIRED TO ACCOMODATE NEW MECHANICAL WORK SCOPE. SEE MECHANICAL.

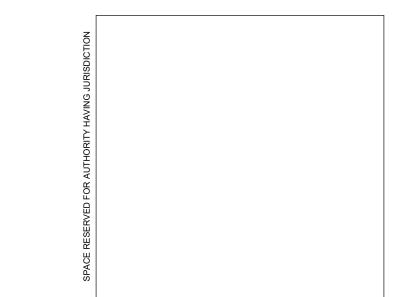


TYPICAL ENLARGED CEILING PLAN #1



TYPICAL ENLARGED CEILING PLAN #2 2





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MICHAEL

BARRETT OR No. 5889
OF OPEN

REVISIONS:

GENERAL NOTES - REFLECTED CEILING PLANS

- A. LIGHTING SHOWN IS FOR DESIGN INTENT ONLY. THE GENERAL CONTRACTOR IS REQUIRED TO PROVIDE A COMPLETE LIGHTING SYSTEM THAT MEETS ALL LOCAL REGULATORY CODES. REFER TO G001 FOR DESIGN BUILD REQUIREMENTS, G101 FOR EMERGENCY LIGHTING REQUIREMENTS AND THE LOCAL ENERGY CODE FOR DAYLIGHT ZONE REQUIREMENTS.
- SPECIFICATION OF LUMENS AND/OR LIGHT LEVELS IS DESIGN/BUILD. IN GENERAL, PROVIDE LIGHT LEVELS TO MATCH THE ILLUMINATED ENGINEERING SOCIETY (IES) LIGHTING HANDBOOK RECOMMENDATIONS.
- CONFIRM AND PROVIDE EMERGENCY EGRESS LIGHTING OF A MINIMUM 1 FC AT ALL TIMES ALONG EGRESS PATHS. COORDINATE SWITCHING, GENERATOR POWER OR BATTERY BACKUP OF ALL LIGHT FIXTURES.
- B. DESIGN REQUIREMENT FOR ALL CEILINGS MUST MEET THE REQUIREMENTS OF THE 2015 INTERNATIONAL BUILDING CODE FOR SEISMIC CATEGORIES D, E & F, ASCE 7-02, OR-05, OR CISCA RECORDATION FOR SEISMIC ZONES 3 & 4 OR TO THE LOCAL REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. SEE GENERAL NOTES ON A810 FOR DESIGN REQUIREMENTS.
- C. COORDINATE ALL SWITCHING WITH OWNER FOR PREFERRED LOCATIONS.
 - ALL OFFICES AND INDIVIDUAL ROOMS TO BE SWITCHED INDEPENDENTLY. PROVIDE AN OCCUPANCY SENSOR TO ALL ENCLOSED ROOMS.
 - COORDINATE OPEN AREA SWITCHING WITH THE TENANT FOR PREFERRED LOCATIONS.
 - COORDINATE FINAL LOCATION OF PENDANTS WITH FURNITURE. VERIFY
 - LOCATION WITH OWNER OR DESIGNER PRIOR TO FINAL PLACEMENT. WHERE ACCENT LIGHTING IS DESIGNATED, SEPARATE SWITCHING IS PROPOSED
 - AND DESIGNATED BY DASHED LINES WITHIN THIS DRAWING.
- D. CENTER ALL FIXTURES AND SPRINKLER HEADS WITHIN CEILING TILES, ALIGN RECESSED FIXTURES AND SPRINKLER SYSTEMS.
- E. CENTER ALL LIGHTING FIXTURES BETWEEN CEILING GRID OR ADJACENT WALLS, UNLESS INDICATED OTHERWISE.
- F. WHERE LIGHTING FIXTURES ARE PROPOSED WITHIN ROOMS WITH AN OPEN CEILING, PROVIDE SUFFICIENT SUPPORT SUCH AS UNISTRUT OR TIE WIRES TO SUSPEND FIXTURES AT 9'-6" AFF UNLESS NOTED OTHERWISE.
- G. WITHIN NON-ACT CEILINGS (I.E. HARDLID), PROVIDE THE FOLLOWING:

HVAC GRILLS: ACCESS PANELS:

FULLY CONCEALED, COLOR TO MATCH CEILING LINEAR DIFFUSERS AND RETURNS FULLY FLUSH RECESSED

H. WHERE CEILINGS RECEIVE A FINISH OTHER THAN WHITE PAINT OR MANUFACTURER'S ACT, PROVIDE WALL MOUNTED STROBES, HORNS, EGRESS SIGNS OR OTHER CODE REQUIRED

I. SEE SECTION 01 91 13 - GENERAL COMMISSIONING REQUIREMENTS FOR MECHANICAL AND CONTROL SCOPE TO BE COMMISSIONED.

LIGHTING AND CEILING MATERIALS - LEGEND

(24 x 48)

FINISHES KEY. SEE FINISH SCHEDULE FOR TYPES

GWB: (SEE TYPE)

WALL BRACING KEY - REFER TO PARTITION DETAILS

COMPOSITE WALL TO PARTITION TRACK - SEE WALL DETAIL C/A800.

BRACED WALL, BELOW GWB HEADER - SEE WALL DETAIL B/A800.

ENTRY BRACED WALL, BELOW TILE CEILING - SEE WALL DETAIL A/A800.

CEILING TAG

-CEILING TYPE - SEE SCHEDULE ACT-1 10-0" -

SWITCH

-CEILING HEIGHT AFF LIGHTING & FIXTURE KEY. SEE SPECIFICATIONS AND ELEVATIONS FOR DETAILS

LIGHTING TAG - SEE SCHEDULE

EXISTING WALLS

EXISTING TROFFER FIXTURE - 2 x 4 EXISTING RECESSED

THERMOSTAT SEE MECHANICAL

EXIT LIGHT (BATTERY BACKUP) LOCATION ⊗ EXISTING

D = DIMABLE **OS** = OCCUPANCY SENSOR 3 = 3-WAY SWITCH

96" CEILING HVAC SYMBOLS. SEE MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILS

OUTLET LOCATION - ABOVE

EXISTING LINEAR

PENDANT - 96"

CONCTRACTOR TO REPLACE CEILING TILE AND GRID TO THE EXTENT REQUIRED TO ACCOMMODATE NEW DUCT WORK.

NEW RETURN GRILL EXISTING RETURN GRILL EXISTING SUPPLY DIFFUSER **HVAC ELEMENT TO BE** DEMOLISHED

A211

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CHO

EMEN

CLASSROOM V 5477 NW SKYCREST PKWY PORTLAND, OR 97229 PROJECT: DATE:

> **ENLARGED** TYPICAL CEILING **PLANS**

21005.01

11/10/2022

FINISHED CEILING

PER RCP

SOFFIT RETURN, WHERE OCCURS.

FINISHED CEILING

PER RCP

PAPER-FACED REVEAL

DIRECTLY INTO (E) OPERABLE

TYPICAL WALL ASSEMBLY

22 GA (27 MIL) MIN BTM

SCORE (E) FLOOR FINISH ALONG

BOTH SIDE OF BOTTOM RUNNER

(2) 8D TOE-NAILS @ EA END OF

BLOCKING, TYP.

TRACK -

DEFLECTION SLOT TRACK, ATTACHED 7

TRIM (CD-TOR)

PARTITION TRACK -

ALIGN F.O. FINISHES PER PLAN

PAINT (E) HEADER, TYP.

SEALANT JOINT, TYP.

MOLDABLE J-BEAD, TYP.

FASTENER THROUGH ACT CEILING

BETWEEN BRACING AND TOP RUNNER.

DO NOT ADHERE WALL TO CEILING GRID

FINISHED CEILING

PAPER-FACED REVEAL TRIM, TYP.

TOP TRACK, TYPICAL

PER WALL TYPE

WALL HEADER AT (E) SOFFIT

DEFLECTION SLOT TRACK, ATTACHED

DIRECTLY INTO SOFFIT ABOVE

TYPICAL WALL ASSEMBLY

CROSS BRACING PER WALL

2" WIDE NEOPRENE TAPE BETWEEN

TOP RUNNER AND CEILING, TYP.

TYPICAL WALL ASSEMBLY

TYPE OR STRUCTURAL

DRAWINGS, TYP.

BOND BREAKER TAPE, TYP.

BLOCKING NOTES:

NON-LOADBEARING WALL FRAMING SCHEDULE3:

SPACING

(O.C)

16" O.C.

24" O.C.

HEIGHT SPANS FOR CONDITIONS NOT LISTED IN TABLE ABOVE.

NOTE: EQ STUDS ARE NOT ACCEPTABLE PER DISTRICT STANDARD

3 1/2" - 4" 350T125-33 T&B 350T125-33 T&B 350T125-33 T&B

3 1/2" - 4" 350T125-33 T&B 350T125-33 T&B 350T125-33 T&B

3 1/2" - 4" 350T125-33 T&B 350T125-33 T&B 350T125-33 T&B

3 1/2" - 4" 350T125-33 T&B 350T125-33 T&B 350T125-33 T&B*

² OPENINGS ASSUMED WITH 4-WAY PRESSURE DISTRIBUTION

³ PROVIDE #8 SMS AT 12" OC FROM TRACKS TO S-SECTIONS AS SHOWN

⁴ VERTICAL S-SECTIONS TO BE DBL 400S125-33 MIN EXCEPT WHERE

DENOTED (*) USE DBL 400S162-43 MIN AND (**) USE DBL 400S162-54 MIN

¹ HEADER HEIGHT ASSUMED >= 6'-0" AND <= 10'-0"

¹ COMPOSITE WALL CONSRUCTION REQUIRES A SINGLE LAYER OF 5/8" TYPE X

² NON-COMPOSITE WALL CONSRUCTION REQUIRES FULL BRACING EVERY 48"

³ PER SSMA TABLES PUBLISHED BY SCAFCO. CONSULT TABLE FOR MAXIMUM

STEEL STUD NON-BRC WALL HEADER SCHEDULE

GWB INSTALLED IN VERTICAL ORIENTATION TO BOTH SIDES OF THE WALL.

SIZE

EXISTING OPERABLE PARTITION TRACK

FINISHED CEILING

SOUND ATTENUATION INSULATION

PER WALL TYPE

PER WALL TYPE

AT MAX 12" O.C.

TYPICAL

@ WOOD FLOORS: #8 x 1.5" SCREWS

@ SLAB ON GRADE: SIMPSON PDPA

FASTENER AT W/MIN 3/4"

(E) FLOORING TO REMAIN

PENETRATION AT 12" MAX O.C.

0.157 SHANK DIA POWDER ACTUATED

NEW RUBBER BASE PER SCHEDULE,

WALL HEADER AT PARTITION TRACK
3" = 1'-0"

250S125-18

250S125-18

250S125-33

250S125-33

362S125-18

362S125-18

362S125-33

362S125-33

600S125-18

600S125-18

600S125-33

600S125-33

O.C. AT OR BELOW MAXIMUM HEIGHT.

<=6'-0"

WALL STUD HEIGHT WIDTH MAXIMUM HEIGHT - L/240 @ 10 PSF

COMPOSITE 2

N/A

N/A

9' - 6"

8' - 4"

8' - 0"

N/A

12' - 6"

10' - 2"

8' - 7"

N/A

13' - 10"

12' - 1"

<=12'-0"

350T125-33 TOP 350T125-33 TOP

350T125-43 BOT | 350T125-43 BOT

350T125-33 TOP | 350T125-33 TOP

350T125-43 BOT | 350T125-54 BOT

350T125-43 BOT 350T125-54 BOT*

350T125-33 TOP | 350T125-33 TOP

350T125-43 BOT* 350T125-54 BOT*

COMPOSITE 1

10' - 0"

8' - 2"

13' - 3"

9' - 10"

11' - 5"

9' - 4"

13' - 10"

11' - 11"

14' - 2"

N/A

22' - 3"

17' - 8"

OPENING WIDTH (TOP & BOTTOM TRACKS)

<=10'-0"

5 1/2" - 6" 550T125-33 T&B | 550T125-33 T&B | 550T125-33 T&B | 550T125-33 T&B | 550T125-33 T&B

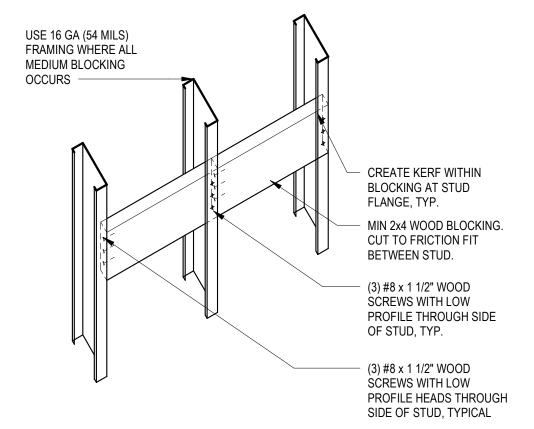
5 1/2" - 6" 550T125-33 T&B 550T125-33 T&B 550T125-33 T&B 550T125-33 T&B 550T125-33 T&B 550T125-43 T&B

5 1/2" - 6" 550T125-33 T&B | 550T125-43 T&B*

5 1/2" - 6" 550T125-33 T&B | 550T125-33 T&B | 550T125-33 T&B | 550T125-33 T&B* | 550T125-33 T&B* | 550T125-43 T&B**

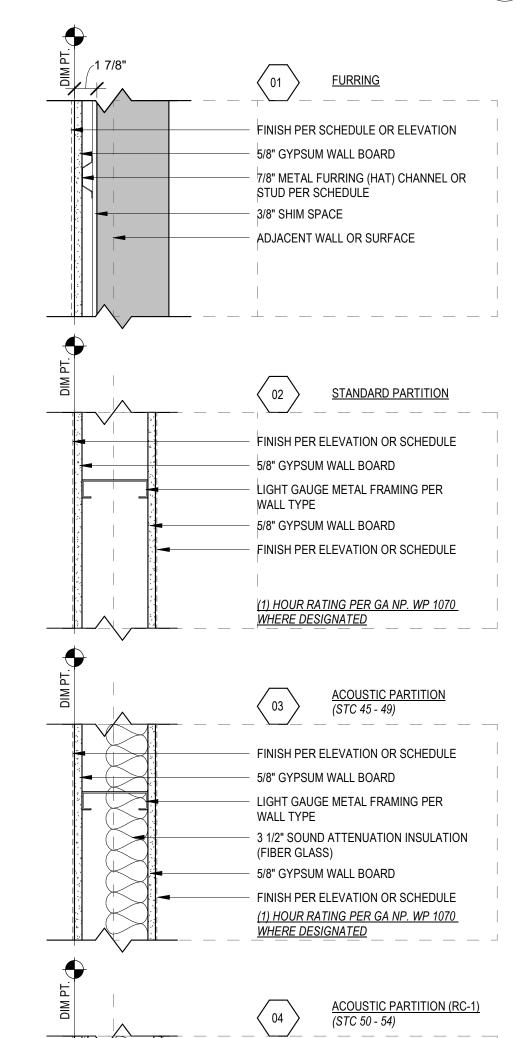
- CONTRACTOR TO COORDINATE WOOD BLOCKING WITH LOCATIONS OF ALL EQUIPMENT OR DEVICES
- EXTEND WOOD BLOCKING ACROSS A MINIMUM OF (3) STUDS, EXTEND FOR FULL LENGTH OF INFILL WALLS U.N.O.
- EXTEND WOOD BLOCKING TO MINIMUM ONE STUD BEYOND EXTENT OF CABINETRY OR WALL-HUNG EQUIPMENT
- KERF WOOD BLOCKING AT STUD FLANGE TO ALIGN F.O. BLOCKING WITH F.O. METAL STUD

NOTE: CONTRACTOR OPTION TO USE SCAFCO KB- WALL SUPPORT BACKING (KWIK-BACK) BRACKET OR APPROVED EQUAL PER MANUFACTURER INSTRUCTIONS IN LIEU OF DETAIL BELOW.



PARTITION - BLOCKING

1" = 1'-0"



- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. PLAN DIMENSION ARE TO THE FINISHED FACE OF PARTITION ASSEMBLY, CENTERLINE OF STRUCTURAL COLUMN, OR TO FACE OF CONCRETE OR CONCRETE MASONRY UNLESS
- C. PROVIDE 5/8" GYPSUM WALL BOARD (GWB), EACH SIDE, ON LIGHT GAUAGE METAL
- D. PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT ALL DESIGNATED WET AREAS
- PROVIDE 5/8" DENSHEILD TYPE X OR APPROVED EQUIPMENT BEHIND ALL CERAMIC TILE
- F. SOUND ATTENUATION BLANKET TO BE 3 1/2" IN THICKNESS UNLESS OTHERWISE NOTED
- H. MAINTAIN THE LISTED STC RATING AND ACOUSTICAL PERFORMANCE OF ALL PARTITIONS.
- AND INSTALL A STAGGERED AND LINED DUCT ELBOW.
- ASSOCAITED STC TESTS.
- K. PROVIDE LABELED GYPSUM WALL BOARD AT FIRE RATED PARTITIONS.
- PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND
- M. FIRE RATED AND SMOKE ASSEMBLY PARTITIONS AND BARRIERS TO EXTENT TO THE UNDERSIDE OF STRUCTURE UNLESS NOTED OTHERWISE.
- N. FRAME AROUND BEAMS AND OTHER STRUCTURAL ELEMENTS WHEN THEY OCCURE
- O. ALL PARTITIONS ARE NON-LOAD BEARING UNLESS OTHERWISE NOTED. REFERENCE
- P. PROVIDE CONNECTIONS TO EXISTING STRUCTURE THAT ISOLATE NON-LOAD BEARING

	WALL TYPE PER ASSEMBLY	STUD SIZE LEGEND				
	OTBRACING CONDTION	Α	7/8" FURRING CHANNEL			
	LSTUD TYPE PER LEGEND	В	1 1/2" FURRING CHANNEL			
-		С	1 5/8" METAL STUD			
	102 - DOOR TAG - REFER TO DOOR SCHEDULE	D	2 1/2" METAL STUD			
		Е	3 5/8" METAL STUD			
	24 A DOOD & EDAME TYPE	F	4" METAL STUD			
LE	34 A J DOOR & FRAME TYPE SEE SCHEDULE	G	6" METAL STUD			
	DOOR WIDTH	Н	8" METAL STUD			
AG	A WINDOW TYPE - SEE	I	2 1/2" C-H SHAFT WALL STUD			
	SCHEDULE	J	4" C-H SHAFT WALL STUD			
		K	6" C-H SHAFT WALL STUD			
	1 KEY NOTE - SEE SCHEDULE		BRACING CONDITION			
		Α	HEAD @ (E) ACT			
		В	HEAD @ (E) SOFFIT/HEADER			
		С	HEAD @ PARTITION TRACK			

GENERAL NOTES - PARTITIONS

- FRAMING AT 16" O.C. AS TYPICAL PARTITION UNLESS NOTED OTHERWISE.
- DEFINED AS 2'-0" BEYOND THE EXTENTS OF THE EDGE ALL PLUMBING FIXTURES. THE BOTTOM 2'-0" ABOVE SLAB IN RESTROOMS AND JANITORS CLOSETS AND OTHER OR AREAS PRONE TO EXPOSED WATER.
- INSTALLATIONS.
- OR AS PRESCRIBED IN A UL RATED ASSEMBLY.
- G. PROVIDE ACOUSTICAL SEALANT AT JOINTS AND PERIMETER OF ALL TYPICAL WALLS, PROVIDE FIRE RATED SEALANT AT ALL FIRE RATED WALLS.
- CAULK ALL PENETRATIONS AND WHEN RETURN AIR PLENUMS ARE PROPOSED, PROVIDE
- SEE FIRE LIFE SAFETY (FLS) PLAN FOR LOCATIONS OF RATED ASSEMBLIES.
- NOTIFY THE ARCHITECT IN WRITING BETWEEN DISCREPENCIES BETWEEN LISTED UL OR GA RATED ASSEMBLIES, COMPONANTS DEPICTED WITHIN THIS DRAWING SET AND
- THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS INDICATED BELOW:
- WITHIN THE SPACE OF A FIRE RATED OR ACOUSTICAL PARTITION.
- STRUCTURAL DRAWINGS FOR LOAD BEARING PARTITION ASSEMBLIES.
- WALLS FROM STRUCTURAL MOVEMENT. PROVIDE DEFLECTION TRACKS AT THE TOPS OF ALL PARTITIONS AND SLOTTED CONNECTIONS AT INTERMEDIATE STRUCTURES.

LEGEND - FLOOR PLANS

	WALL TYPE PER ASSEMBLY	STUI	D SIZE LEGEND		
ALL TAG	BRACING CONDTION	Α	7/8" FURRING CHANNEL		
	STUD TYPE PER LEGEND	В	1 1/2" FURRING CHANNEL		
OOR TAG -		С	1 5/8" METAL STUD		
VIQUE	102 DOOR TAG - REFER	D	2 1/2" METAL STUD		
	TO DOOR SCHEDULE	Е	3 5/8" METAL STUD		
OOR TAG -	34 A . DOOR & FRAME TYPE SEE SCHEDULE	F	4" METAL STUD		
EPEATABLE		G	6" METAL STUD		
	DOOR WIDTH	Н	8" METAL STUD		
INDOW TAG	A ST-WINDOW TYPE - SEE SCHEDULE	1	2 1/2" C-H SHAFT WALL STUD		
		J	4" C-H SHAFT WALL STUD		
EY NOTE		K	6" C-H SHAFT WALL STUD		
LINOIL	1_)_; KEY NOTE - SEE SCHEDULE		BRACING CONDITION		
		Α	HEAD @ (E) ACT		
		В	HEAD @ (E) SOFFIT/HEADER		
		С	HEAD @ PARTITION TRACK		

WALL HEADER AT (E) ACT 5

PER WALL TYPE

(N) PARTITION BASE 4

BETWEEN (E) JOISTS, TYP.

@ WOOD FLOORS - NEW 2X FLAT

BLOCKING AT FLOOR ATTACHMENT

PARTITION TYPES 1 1/2" = 1'-0"

FINISH PER ELEVATION OR SCHEDULE

1/2" RESILIENT FURRING CHANNEL

LIGHT GAUGE METAL FRAMING PER

3 1/2" SOUND ATTENUATION INSULATION

FINISH PER ELEVATION OR SCHEDULE

(1) HOUR RATING PER GA NP. WP 1049

5/8" GYPSUM WALL BOARD

5/8" GYPSUM WALL BOARD

WALL TYPE

(FIBER GLASS)

TYPICAL PARTITION DETAILS

21005.01

11/10/2022

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MICHAEL

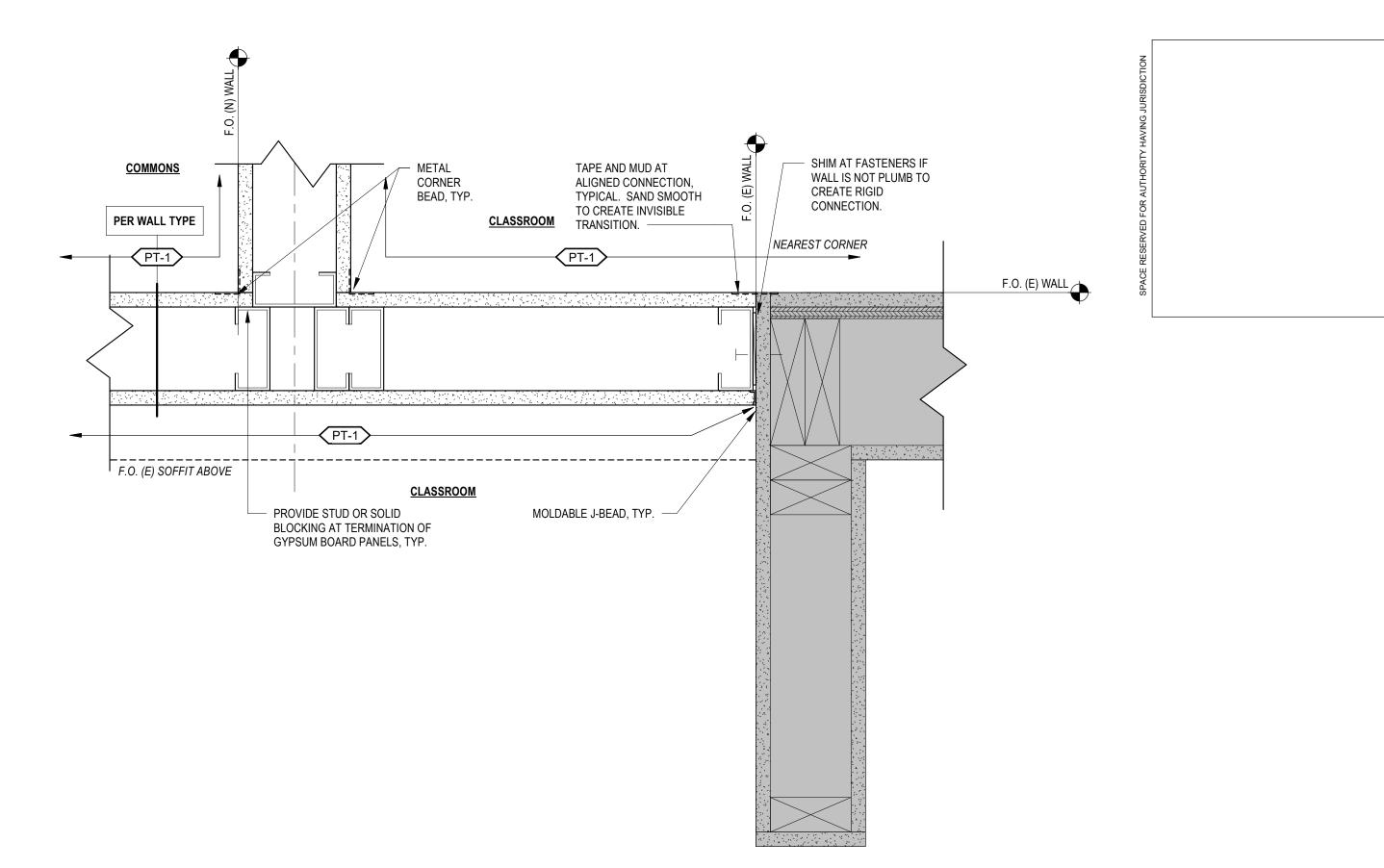
BARRETT WIND OR No. 5889

REVISIONS:

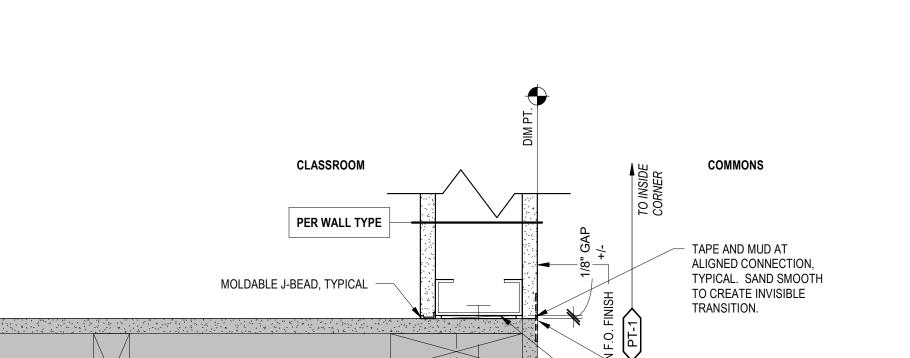
A800

PROJECT:

DATE:



TYPICAL WALL - PERPENDICULAR INTERSECTION
3" = 1'-0"



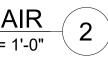
TYPICAL WALL - NEW WALL @ (E) WING WALL1
3" = 1'-0"
3

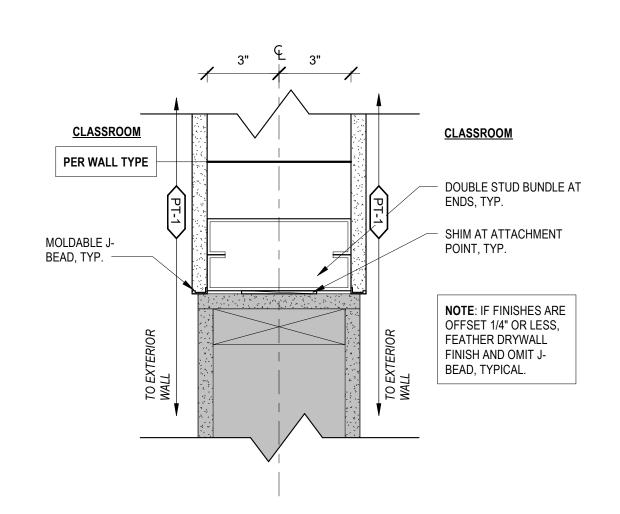
REMOVE (E) CORNER GUARD AND RETURN TO DISTRICT, TYP.

SHIM AT FASTENERS IF WALL IS NOT PLUMB TO CREATE RIGID

CONNECTION.

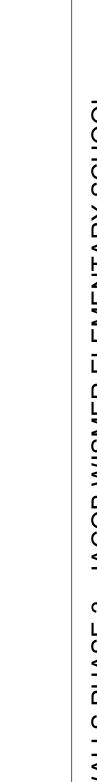
TYPICAL WALL - OPERABLE PARTITION REPAIR
3" = 1'-0"





TYPICAL WALL - OPERABLE PARTITION REPAIR @ EXTERIOR 3" = 1'-0"





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REVISIONS:

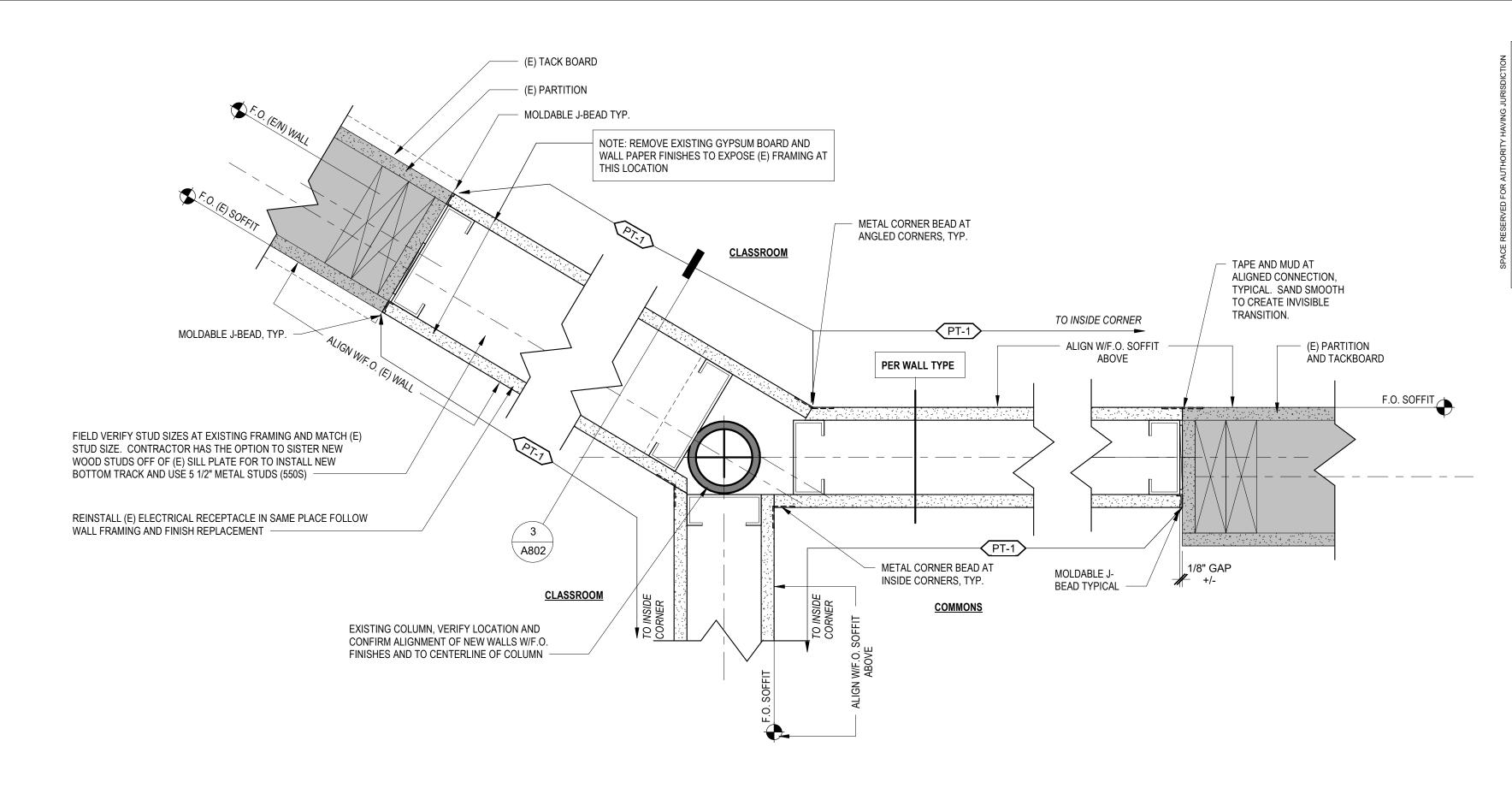
TYPICAL PARTITION DETAILS A801

PROJECT:

DATE:

21005.01

11/10/2022



TYPICAL WALL - INTERSECTION AT (E) COLUMN
3" = 1'-0"

HBX-STUDIO.COM

MICHAEL BARBETT OR No. 5889
No. 5889

REVISIONS:

21005.01 11/10/2022

PROJECT: DATE:

TYPICAL PARTITION DETAILS

A802

TYPICAL WALL - SECTION AT PARTIAL HEIGHT WALL
1 1/2" = 1'-0"

GENERAL NOTES - PROJECT SIGANGE

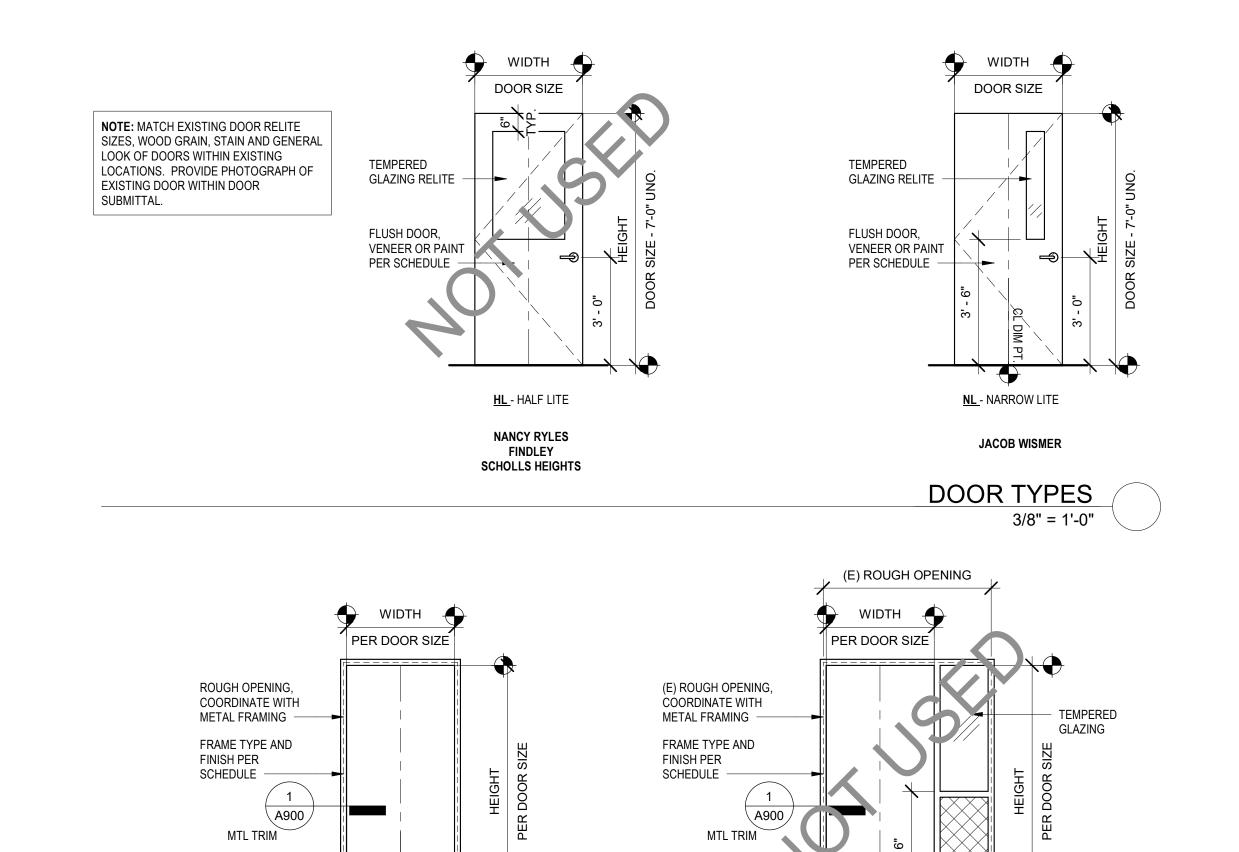
- A. COORDINATE ALL SIGNAGE WITHIN THE PROJECT, INCLUDING CODE REQUIRED SIGNAGE, WITH EXISTING BUILDING SIGNAGE OR WITH CURRENT DISTRICT STANDARDS.
- B. CODE REQUIRED SIGNAGE, SUCH AS STAIRWAY SIGNAGE AND ACCESSIBLE PARKING SIGNAGE, TO BE PROCURED AND INSTALLED BY THE GENERAL CONTRACTOR. PROVIDE DETAILED INFORMATION ON SIZE, FONT AND COLOR WITHIN A SUBMITTAL FOR ARCHITECT AND OWNER REVIEW.
- C. ROOM SIGNAGE IS CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED. COORDINATE EXTENTS AND LOCATION WITH OTHER WALL MOUNTED ITEMS. PROVIDE AN ALLOWANCE FOR THE PATCH AND REPAIR OF EXISTING WALLS WHERE EXISTING SIGANGE IS RELOCATED OR REPLACED.



(E) SIGNAGE - JACOB WISMER ELEMENTARY - FOR REFERENCE ONLY

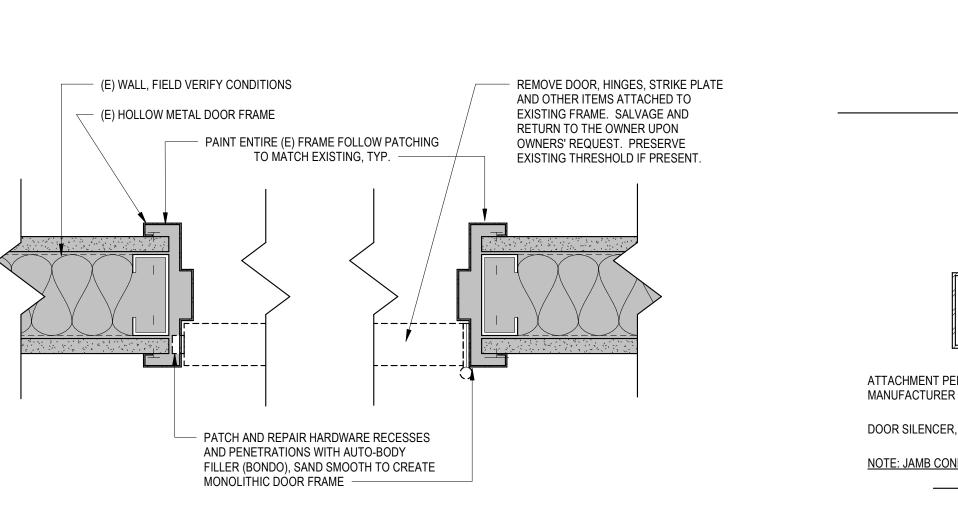


EXISTING DOOR AT COMMONS, GENERAL CONTRACTOR TO MATCH RELITE AND WOOD GRAINING.

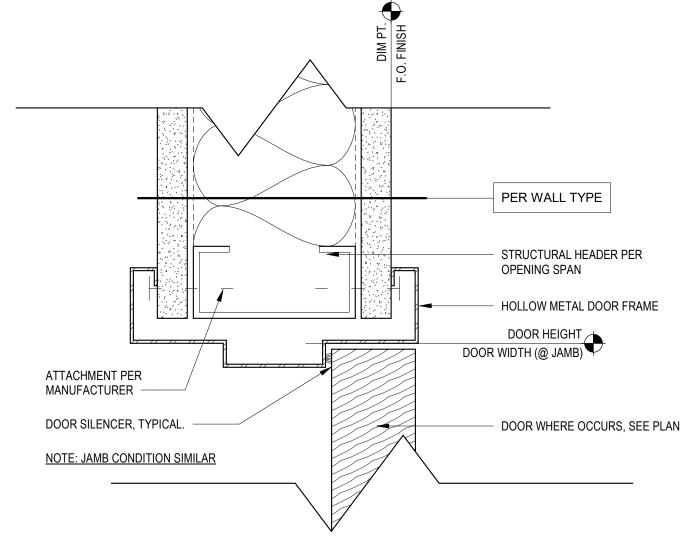




SINGLE OPENING



OPENING - (E) FRAME REPAIR 2" - 1'-0" 2



OPENING - HEAD/JAMB - HOLLOW METAL 1

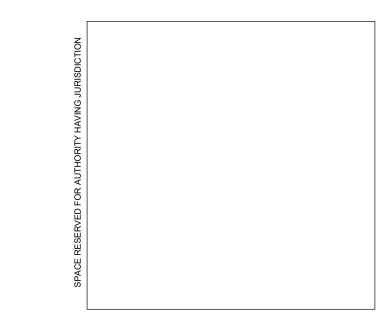


- SPANDREL

PANEL

SINGLE OPENING WITH

DOOR FRAME TYPES



GENERAL NOTES - DOORS

A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.

B. DIMENSIONS SHOWN FOR DOORS AND WINDOWS ARE TYPICALLY FINISHED OPENING DIMENSIONS. COORDINATE ROUGH OPENING DIMENSIONS PER MANUFACTURER RECOMMENDATIONS WITH SELECTED OPENING.

C. EXIT DOORS TO BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR FORCE.

D. THE MAIN EXIT TO DOOR TO HAVE SIGNAGE ABOVE THE DOOR READING "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED."

E. ALL NEW DOORS TO BE SOLID WOOD, PAINT GRADE UNLESS NOTED OTHERWISE.

F. PROVIDE NEW ADA LEVER STYLE DOOR HARDWARE TO MATCH BUILDING STANDARD. (SCHLAGE 'ND', SERIES, RHODES STYLE)

G. ALL NEW FRAMES TO BE FULLY WELDED UNLESS NOTED OTHERWISE. (CURRIES 16 GA.)

PROVIDE TEMPERED GLAZING IN ALL DOORS AND RELITES UNLESS NOTED OTHERWISE.

REFER TO ELEVATIONS FOR DOOR AND FRAME PAINT FINISH WHERE PAINT IS USED.

MATERIAL LEGEND

WD WOOD - SOLID CORE EXISTING GLASS - TEMPERED WOOD - HOLLOW CORE MTL METAL - SOLID CORE MDF - TRIM MANUFACTURER'S FINISH STL - KD STEEL FRAME - KNOCKDOWN PAINT **HM** HOLLOW METAL FRAME

ALUM ALUMINUM STOREFONT

HARDWARE GROUPS

TRANSPARENT STAIN

BASIS OF DESIGN PRODUCTS: CONTRACTOR TO SUBMIT COMPLETE HARDWARE GROUPS BASED ON BASIS OF DESIGN PRODUCTS AND HARDWARE DESIGN DIRECTION BELOW:

ALL NEW HARDWARE TO BE SATIN CHROME (US26D), UNO.

DOOR FRAMES: CURRIES 16 GA FULLY WELDED - EQUAL RABBIT LEVER HARDWARE SETS: SCHLAGE ND SERIES VANDLGARD, "RHODES" CORES: SCHLAGE FULL SIZE INTERCHANGEABLE (FSIC) CYLINDERS HINGES: IES HW 4.5" X 4.5" NRP

PANIC BARS VON DUPRIN EL 99 OR XP99 LCN 4010 (INWARD SWING), LCN 4111 (OUTWARD SWING) CLOSERS:

BHMA 626, IVES OR EQUAL STOPS: STAINLESS STEEL, FULL WIDTH KICK PLATE:

GROUP 2:

COMMONS (PANIC HARDWARE) (3) PAIR BUTTS - 4 1/2" PANIC HARDWARE CLOSER WALL STOP TYPICAL UNO. SILENCER

KICK PLATE

CLASSROOM (3) PAIR BUTTS - 4 1/2"

LEVER SET - "CLASSROOM" TYPE WALL STOP TYPICAL UNO. SILENCER KICK PLATE





REVISIONS:

SCHO **EMENTARY** П S CLASSROOM WALL
5477 NW SKYCREST PKWY
PORTLAND, OR 97229

PROJECT: 21005.01

DATE: 11/10/2022 DOORS, FRAMES,

HARDWARE SCHEDULE & TYPICAL OPENING **DETAILS**

A900

AC	AIR CONDITIONING UNIT	ESP	EXTERNAL STATIC PRESSURE	NC	NORMALLY CLOSED
AD	ACCESS DOOR			NO	NORMALLY OPEN
AFF	ABOVE FINISHED FLOOR	ET	EXPANSION TANK	NIC	NOT IN CONTRACT
AH	AIR HANDLER (SPLIT REFRIG)	EWT	ENTERING WATER TEMPERATURE	NK	NECK
AHU	AIR HANDLING UNIT	EWC	ELECTRIC WATER COOLER	OA	OUTSIDE AIR
AL	ACOUSTICAL LINING	FA	FREE AREA FLEXIBLE CONNECTION	OAI	OUTSIDE AIR INTAKE
AP	ACCESS PANEL	FX FC	FAN COIL UNIT	OAT	OUTSIDE AIR TEMPERATURE
BB	ELECTRIC BASEBOARD RADIATION	FD	FIRE DAMPER		
В	BOILER		FLOOR	OC	ON CENTER
BDD	BACK DRAFT DAMPER	FLR FOB	FLOOK FLAT ON BOTTOM	OD	OUTSIDE DIAMETER
BFC	BELOW FINISHED CEILING	FOT	FLAT ON TOP	OBD	OPPOSED BLADE DAMPER
ВОВ	BOTTOM OF BEAM	FOP	FUEL OIL PUMP	PBD	PARALLEL BLADE DAMPER
BOD	BOTTOM OF DUCT	FP	FIRE PUMP	PRV	PRESSURE REDUCING VALVE
ВОР	BOTTOM OF PIPE	FPM	FEET PER MINUTE	PTAC	PACKAGED TERMINAL AIR COI
С	CHILLER	FTR	FINNED TUBE RADIATION	RA	return air
CD	CEILING DIFFUSER	GC	GENERAL CONTRACTOR	RAG	RETURN AIR GRILLE
CFM	CUBIC FEET PER MINUTE	GPH	GALLONS PER HOUR	RAR	RETURN AIR REGISTER
CHWP	CHILLED WATER PUMP	GPM	GALLONS PER MINUTE	RCP	REFLECTED CEILING PLAN
CHWR	CHILLED WATER RETURN	HD	HAND DAMPER	RHC	REHEAT COIL
CHWS	CHILLED WATER SUPPLY	HP	HEAT PUMP	RF	return fan
СО	CLEAN OUT	HV	HEATING AND VENTILATING UNIT	SA	SUPPLY AIR
CP	CONDENSATE PUMP	HWC	HOT WATER CONVERTER	SAR	SUPPLY AIR REGISTER
CWR	CONDENSER WATER RETURN	HWP	HOT WATER PUMP	SCG	SMOKE CONTROL GRILLE
CWS	CONDENSER WATER SUPPLY	HWR	HEATING HOT WATER RETURN	SD	SMOKE DAMPER
CT	COOLING TOWER	HWS	HEATING HOT WATER SUPPLY	SEF	SMOKE EXHAUST FAN
CU	CONDENSING UNIT	HX	HEAT EXCHANGER	SF	SUPPLY FAN
CUH	CABINET UNIT HEATER	HZ	HERTZ	SP	STATIC PRESSURE
CVB	CONSTANT VOLUME BOX	ID	INSIDE DIAMETER	TG	TRANSFER GRILLE
CWP	CONDENSER WATER PUMP	LAT	LEAVING AIR TEMPERATURE	TYP	TYPICAL
DB	DRY BULB	LWT	LEAVING WATER TEMPERATURE	UH	UNIT HEATER
DS	DUCT SILENCER	LD	LINEAR DIFFUSER	UON	UNLESS OTHERWISE NOTED
DWP	DOMESTIC WATER PUMP	LF	LINEAR FEET	VAV	VARIABLE AIR VOLUME UNIT
EAT	ENTERING AIR TEMPERATURE	МС	MECHANICAL CONTRACTOR	VD	VOLUME DAMPER
EC	ELECTRICAL CONTRACTOR	MTD	MOUNTED	VTR	VENT THRU ROOF
EF	EXHAUST FAN	MOD	MOTOR OPERATED DAMPER	WB	WET BULB
EJ	EXPANSION JOINT	MUA	MAKE-UP AIR UNIT	WMS	WIRE MESH SCREEN
ER	EXHAUST REGISTER				

PACKAGED TERMINAL AIR CONDITIONER

HVAC CONTROL SYMBOLS					
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION		
\longrightarrow	GATE VALVE	T	ROOM OR ZONE THERMOSTAT		
\longrightarrow	GLOBE VALVE	T	DUCT THERMOSTAT		
	GAS COCK		THERMOMETER		
	SOLENOID VALVE	——————————————————————————————————————	EXPANSION VALVE		
	CONTROL VALVE , 2-WAY	DM	DAMPER MOTOR		
PRV	PRESSURE REDUCING VALVE	~ / ~ / ~ /	DAMPER		
	CHECK VALVE	M	MOTOR		
	CENTRIFUGAL FAN		PLUG VALVE		
F	FLOW SWITCH		PRESSURE GAGE		
FS	FIRE SAFETY SWITCH	Р	PRESSURE SWITCH		
H	HUMIDISTAT, ROOM		PUMP		
Н	HUMIDISTAT, DUCT	R	RELAY		
	BALL VALVE	*	PRESS./TEMP. RELIEF VALVE		
	CONTROL VALVE , 3-WAY	SD	SMOKE DETECTOR		
F	FLOW SWITCH		CONTROL WIRING		
	STEAM TRAP	SP SP	STATIC PRESSURE CONTROLLER		

PIPING SYS	TEM SYMBOLS
	REFRIGERANT LIQUID REFRIGERANT SUCTION

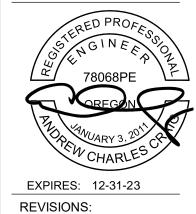
DUCTW	ORK SYMBOLS
	SECTION THROUGH RETURN OR EXHAUST AIR
	SECTION THROUGH SUPPLY OR OUTSIDE AIR DUCT
	SUPPLY OR OUTSIDE AIR DUCT
	ACCESS DOOR (BOTTOM OR SIDE)
	ACOUSTICALLY LINED DUCT
FD	DAMPER, FIRE
——————————————————————————————————————	DAMPER, MANUAL VOLUME
	INCLINED DROP IN DIRECTION OF ARROW
	INCLINED RISE IN DIRECTION OF ARROW
	TRANSITION, RECTANGULAR TO ROUND
	FLEXIBLE DUCT
	IN-LINE FAN
	TRANSITION, RECTANGULAR
	SPIN-IN COLLAR INTO ADAPTER ON TOP OF DUCT
	CEILING SUPPLY AIR DIFFUSER (CD)
- ' - 1	SIDEWALL SUPPLY GRILLE (SG)
	ELBOW TURNED DOWN
	ELBOW TURNED UP
	ELBOW, RADIUS TYPE
	ELBOW, SQUARE OR RECTANGULAR TYPE WITH AIRFOIL TURNING VANES
	RETURN OR EXHAUST AIR DUCT
	CEILING RETURN AIR GRILLE (CRG)
	SIDEWALL RETURN AIR GRILLE (RG)
	OPEN END DUCT
FC FC	FLEXIBLE CONNECTION

	DIFFUS	ER, REGIST	ER AND (GRILLE S	SCHED	ULE	
SYMBOL	TYPE	FACE	FRAME	DAMPER	FINISH	BASIS OF DESIGN	NOTES
CRG-1	CEILING TRANSFER GRILLE	PERFORATED	LAY-IN	NONE	WHITE	TITUS PAR	-
NOTES:							

GENERAL MECHANICAL NOTES:

- A. INSTALL EQUIPMENT TO PROVIDE SERVICE CLEARANCE AS RECOMMENDED BY THE MANUFACTURER, AND AS REQUIRED BY CODE AND LOCAL INSPECTOR. PROVIDE CLEAR LABELING OF FILTER PANELS TO VERIFY ADEQUATE ACCESS FOR MAINTENANCE.
- B. TEST HVAC CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS TO ENSURE THEY ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. SEQUENCES OF OPERATION SHALL BE FUNCTIONALLY TESTED TO ENSURE THEY OPERATE IN ACCORDANCE WITH THE APRPOVED PLANS AND SPECIFICATIONS. A COMPLETE REPORT OF THE TEST PROCEDURES AND RESULTS SHALL BE PREPARED AND FILED WITH THE OWNER PRIOR TO OCCUPANCY.
- C. PROVIDE RECORD DRAWINGS OF ACTUAL INSTALLATION WITHIN 90 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE TO BUILDING OWNER. PROVIDE OPERATING AND MAINTENANCE MANUAL CONTAINING SUBMITTAL DATA AND OTHER INFORMATION REQUIRED BY SPECIFICATIONS AND ENERGY CODE.
- D. COORDINATE FINAL LOCATION OF EQUIPMENT, DUCTS, DIFFUSERS, AND GRILLES WITH STRUCTURE, REFLECTED CEILING PLANS, AND THE LIGHTING LAYOUT PRIOR
- PROVIDE ROOF CURBS FOR EQUIPMENT REQUIRING A ROOF PENETRATION, AND PROVIDE EQUIPMENT SUPPORTS FOR ROOF MOUNTED EQUIPMENT NOT REQUIRING A PENETRATION. COORDINATE ROOF CURBS AND SUPPORTS WITH ROOFING SYSTEM, AND SEISMICALLY ATTACH EQUIPMENT TO CURB AND
- F. PROVIDE VOLUME DAMPERS IN BRANCH DUCTS TO SUPPLY, EXHAUST, AND RETURN GRILLES, AND LOCATE DAMPERS AS CLOSE TO BRANCH CONNECTION AS POSSIBLE. PROVIDE CONCEALED DAMPER OPERATOR IN LOCATIONS WHERE DAMPER IS INACCESSIBLE.
- G. ALL DUCTWORK TO BE MINIMUM 24 GAUGE SHEET METAL WHEN TRAVELLING BETWEEN RATED OCCUPANCY SEPARATIONS, AREA SEPARATIONS, OR OVER RATED EXIT CORRIDORS AND PASSAGEWAYS.
- H. MOUNT ALL SENSORS, SWITCHES, AND THERMOSTATS PER ARCHITECTURAL
- I. TRANSITION FROM DUCT SIZES SHOWN TO DIFFUSER NECK SIZES SHOWN A MINIMUM OF 2 FEET BEFORE OUTLET, OR INSTALL A DUCT THE SAME SIZE AS THE GRILLE NECK, AT CONTRACTOR'S OPTION.
- J. ANCHOR ALL MECHANICAL UNITS IN EXCESS OF 400 LBS. TO STRUCTURE, AND PROVIDE THE DESIGN OF THIS ANCHORAGE AS A DEFERRED SUBMITTAL IN ACCORDANCE WITH THE DIVISION 23 SPECIFICATIONS. PROVIDE A SEISMIC BRACING DESIGN FOR ANY SUSPENDED APPLIANCE OR PIECE OF EQUIPMENT WEIGHING 20 LBS. OR MORE AS WELL. ALL DRAWINGS AND CALCULATIONS SUBMITTED FOR THIS WORK SHALL BE SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF OREGON.
- K. CONSTRUCT AND SEAL ALL DUCTWORK PER IMC REQUIREMENTS. ALL DUCTWORK ON THIS PROJECT FALLS UNDER THE LOW PRESSURE CLASSIFICATION.







Portland, OR 97202 Andrew Craig, P.E. andrew@arris-consulting.com 503-757-2611

GENERAL NOTES AND ABBREVIATIONS M001

2021-033 11/10/22

PROJECT:

M011









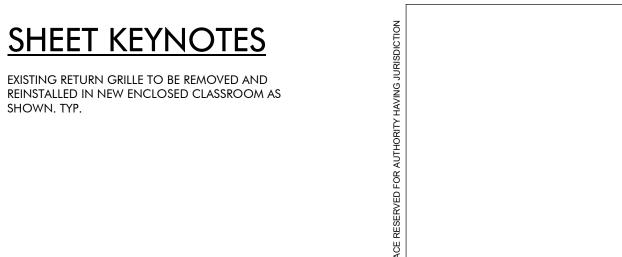
2622 SE 25th Ave Ste #A Portland, OR 97202 Andrew Craig, P.E. andrew@arris-consulting.com 503-757-2611

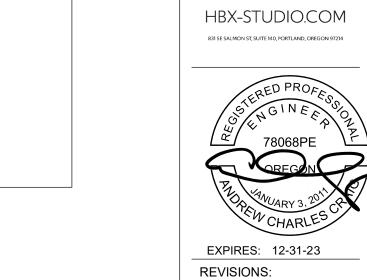
SCHO

JACOB WISMER ELEMENTARY CLASSROOM WALLS PHASE PORTLAND, OR 97229

PROJECT: 2021-033 11/10/22 DATE:

OVERALL FLOOR PLANS - HVAC M011



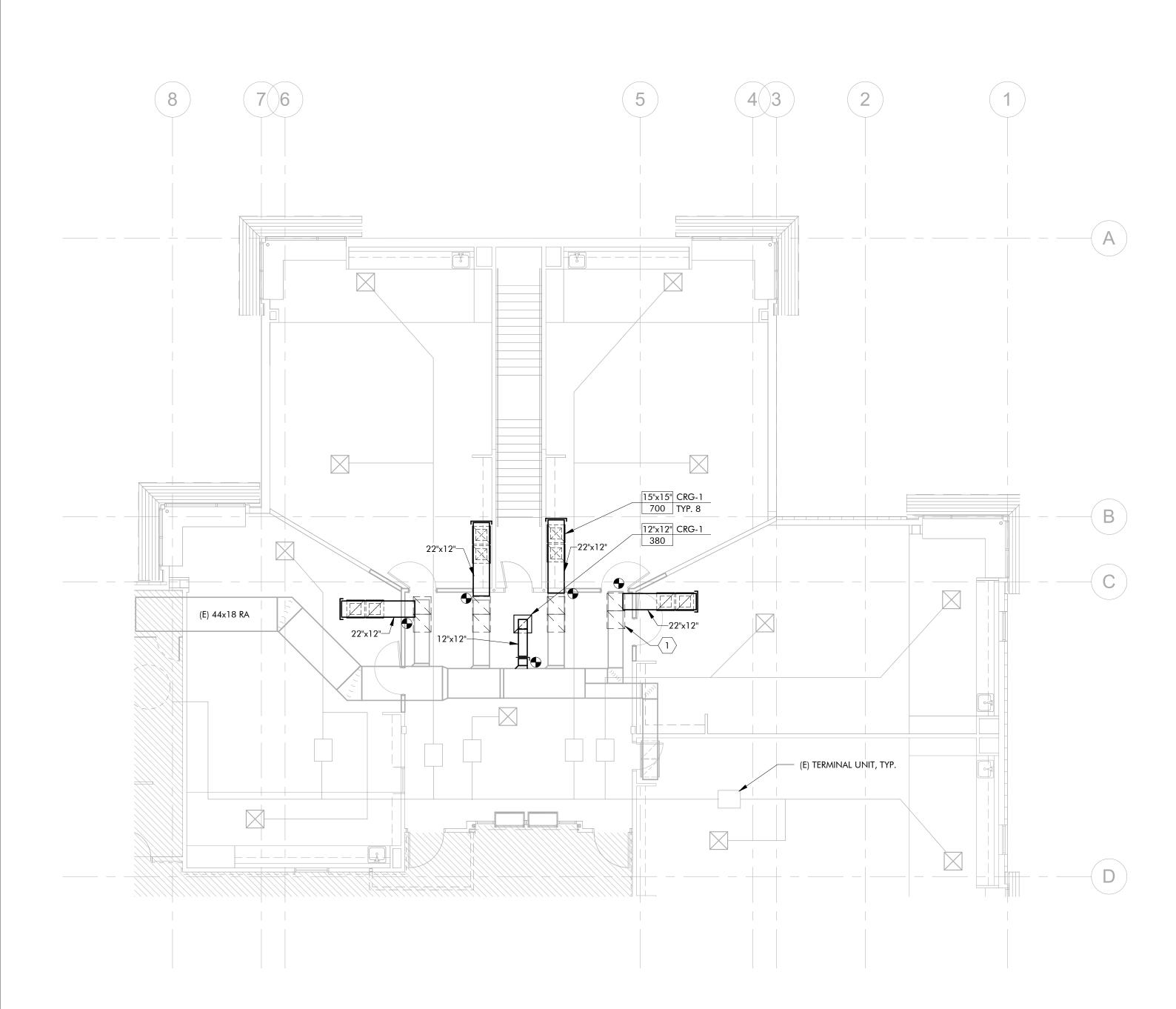


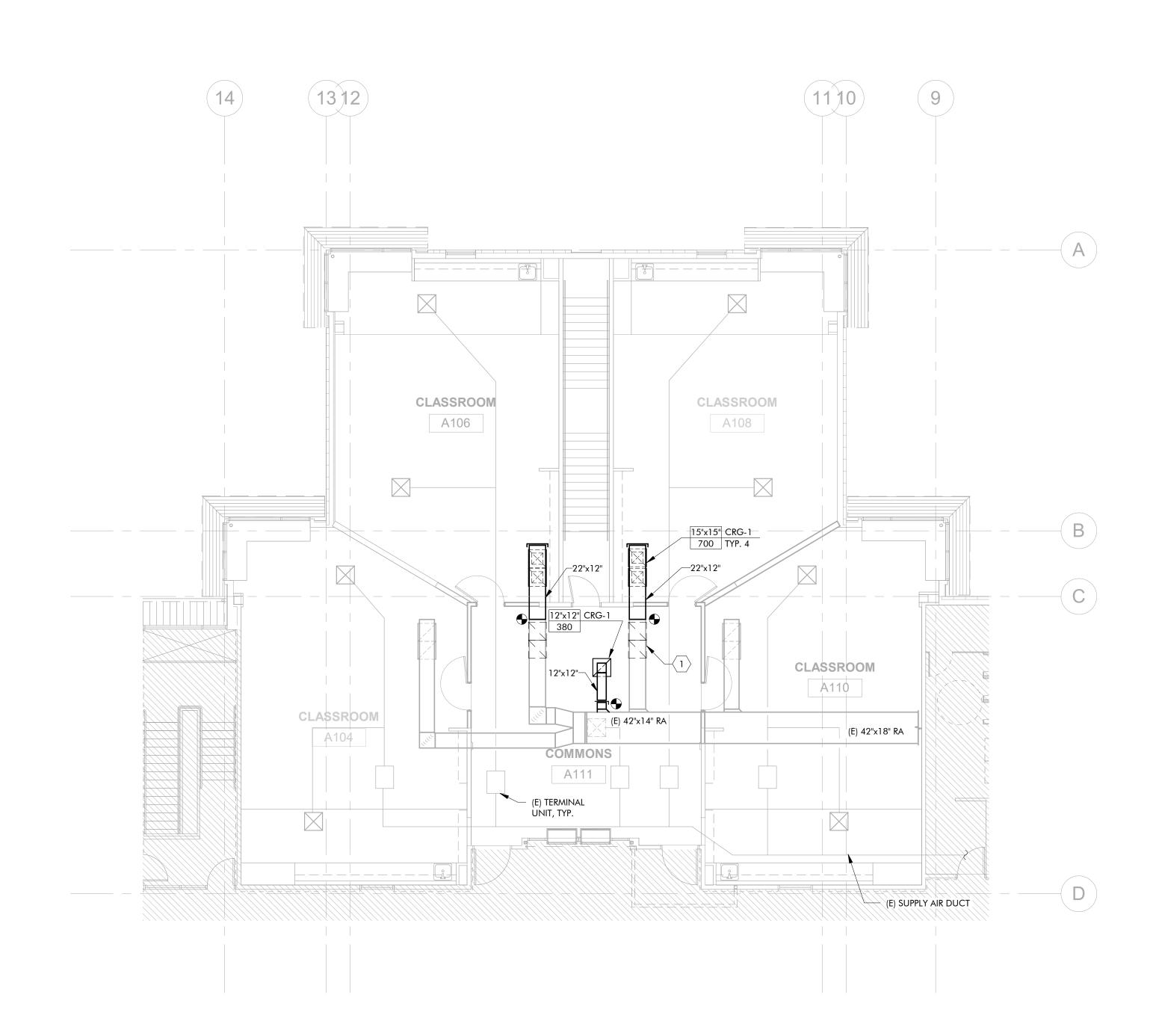


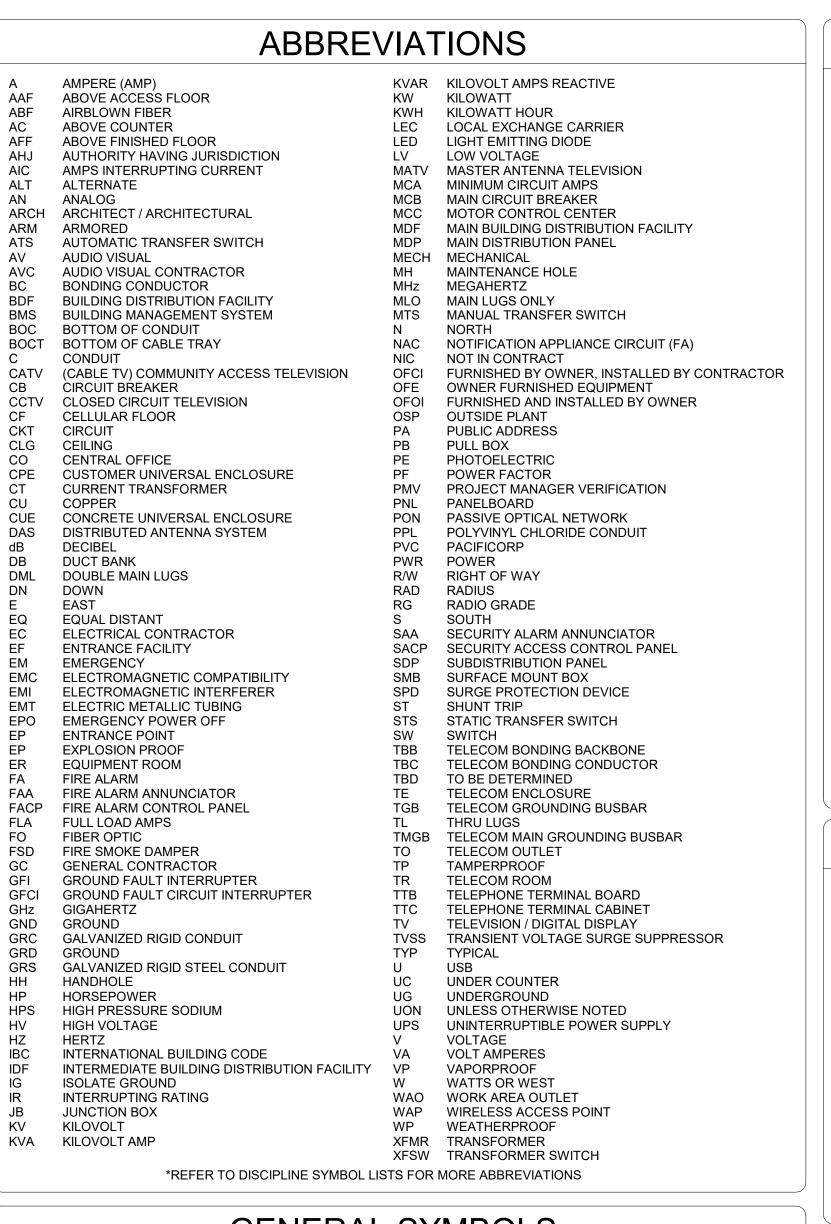
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PROJECT: 2021-033 11/10/22 DATE:

ENLARGED FLOOR PLAN -HVAC M113







GENERAL SYMBOLS

XXXX 123	EQUIPMENT DESIGNATOR - SEE SCHEDULE.
⟨E⟩	EXISTING TO REMAIN
$\langle \mathbf{x} \rangle$	EXISTING TO BE REMOVED
$\langle R \rangle$	EXISTING TO BE RELOCATED
$\langle N \rangle$	NEW
(#)	KEYED NOTE

NOTE

THIS IS A STANDARD LEGEND SHEET, THEREFORE, SOME SYMBOLS MAY APPEAR ON THIS SHEET THAT DO NOT APPEAR ON THE DRAWINGS.

SHOWN ON DRAWINGS OR NOT SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.

WORK RESPONSIBILITY

ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN CONDUIT. DEVICES, BOXES, CONDUCTORS, AND TRANSITIONS AROUND OBSTRUCTIONS WHETHER

GENERAL NOTES (APPLIES TO ALL DRAWINGS)

- A. WHERE EXACT DIMENSIONS ARE NOT CALLED FOR, DO NOT SCALE DRAWINGS TO DETERMINE LOCATION OF EQUIPMENT, JUNCTION BOXES, OUTLET BOXES, WIRE WAYS, PANELS, ETC. SEE ARCH FOR EXACT
- CONDUIT RUNS SHOW ONLY INTERCONNECTION BETWEEN THE TERMINATION POINTS. THE EXACT PATH OF THE CONDUIT IS TO BE DETERMINED BY THE CONTRACTOR. THERE SHALL BE A MINIMUM OF ONE PULL BOX FOR EVERY 100 FEET OF STRAIGHT EMPTY CONDUIT AND A PULL BOX FOR MORE THAN TWO 90 DEGREE BENDS IN A CONDUIT RUN. ALL CONDUIT SHALL BE DEBURRED, CLEANED, CAPPED, TAGGED, AND FURNISHED
- C. POWER CIRCUITS FOR THE AUDIOVISUAL SYSTEMS MUST BE ON THE SAME TRANSFORMER PHASE, BUT NOT ON THE SAME PHASE AS ANY COMPRESSORS, MOTORS, OR LIGHTING DIMMING SYSTEMS.
- D. ALL EQUIPMENT MUST BE COMPLETELY BONDED TO A TRUE EARTH COMMON GROUND OR VERIFY GROUNDING REQUIREMENTS WITH ELECTRICAL EQUIVALENT FOR PROPER OPERATION.
- E. FOR TELECOM OUTLETS WITH 1-6 CABLES, PROVIDE 1"C. TO DOUBLE-GANG DEEP BOX WITH SINGLE-GANG
- MUD RING AND 2, 4 OR 6 PORT FACEPLATE AS REQUIRED.
- F. FOR TELECOM OUTLETS WITH 7-12 CABLES, PROVIDE TWO (2) 1"C. TO DOUBLE-GANG DEEP BOX WITH DOUBLE-GANG MUD RING AND TWO (2) 2, 4 OR 6 PORT FACEPLATES AS REQUIRED.
- G. FOR ALL DATA OUTLETS AND CAMERAS, PROVIDE CATEGORY 6 CABLE AND JACKS. FOR ALL WIRELESS ACCESS POINTS (WAPs), PROVIDE (2) CATEGORY 6A CABLES AND JACKS.

POWER SYMBOLS WALL RECEPTACLE: DUPLEX, 4-PLEX FLOOR RECEPTACLE: DUPLEX, 4-PLEX CEILING RECEPTACLE: DUPLEX, 4-PLEX WALL RECEPTACLE: MOUNTING HEIGHT SPECIAL RECEPTACLE: WALL \bigcirc \bigcirc \bigcirc JUNCTION BOX: WALL, FLOOR, CEILING SURFACE OUTLET STRIP: DIMENSIONS AS SHOWN DISCONNECT SWITCH: FUSED, CIRCUIT BREAKER MOTOR CONNECTION <u>A8</u>-1. ✓ PANEL & CIRCUIT NUMBER DENOTES DUPLEX RECEPTACLE ON DROP CORD **PUSHBUTTON: WALL** ADA DOOR ASSIST BUTTON: WALL WIRE CONCEALED IN FLOOR OR UNDERGROUND ____ RACEWAY AND CONDUCTORS REMOVED AS PART OF DEMOLITION - - -CONDUIT ELL: UP, DN \longrightarrow \longrightarrow ELECTRICAL DUCT BANK GROUND ROD, 10' LONG, 5/8" DIAMETER, COPPER. BOND TO LOCAL CIRCUIT GROUND CONDUCTOR **ELECTRICAL DISTRIBUTION CABINET** ELECTRICAL DISTRIBUTION PANEL: SURFACE, RECESSED **ELECTRICAL TRANSFORMER ONE-LINE SYMBOLS CONDUCTORS & CONDUIT** CONDUCTORS & CONDUIT TO BE REMOVED

$\wedge \wedge \wedge \wedge$	CONDUCTORS & CONDUIT TO BE REMIC
_^	CIRCUIT BREAKER, MOLDED CASE SWIT
	BUS
o _ =	ATS
M	METER
	PANEL
· · · ·	MAIN GROUNDING BAR
<u>-</u>	CONNECTION TO GROUND
	TRANSFORMER

	LIGHTING SYMBOLS	
PE PE	PHOTOCELL: CEILING, WALL MOUNTED	
	DUAL TECHNOLOGY, OCCUPANCY SENSOR: CEILING MOUNTED, WALL MOUNTED	
(VS) (VS)	DUAL TECHNOLOGY, VACANCY SENSOR: CEILING MOUNTED, WALL MOUNTED	
HA 1.	HA = LUMINAIRE TYPE DESIGNATION 1. = CIRCUIT NUMBER a = SWITCH DESIGNATION	
	SINGLE GANG. STRAP MOUNTED CONTROL STATION.	

LIGHT SWITCH: OS = OCCUPANCY SENSOR, K = KEYED, 3 = 3-WAY

BUG EYE EXIT SIGN WITH INTERGRAL BATTERY, 90 MINUTE RUN

LOW VOLTAGE DIMMER / PRESET CONTROL: D

TIMER SWITCH: T

TIME: CEILING, WALL MOUNTED

TELECO	DMMUNICATIONS SYMBOLS	
→ ⊘ →	DATA OUTLET: WALL, CEILING, FLOOR	
⊲ #	DATA OUTLET: CABLE/JACK QUANTITY (x2 U.O.N.)	
4 #"	DATA OUTLET: MOUNTING HEIGHT	
⊲ WP ALS ♥	DATA OUTLET: WALL PHONE (x1 CABLE/JACK) ASSISTIVE LEARNING SYSTEM	
† †	ANALOG CLOCK: WALL, CEILING	
\Box_{M}	MASTER CLOCK: CEILING	
S IP	COMBINATION IP SPEAKER/IP CLOCK (ANALOG FACE)	
	DIGITAL CLOCK: WALL, CEILING	
(E) (E)	WIRELESS ACCESS POINT: WALL, CEILING. E = EXISTING	
[®] ALS	ASSISTIVE LEARNING SYSTEM SPEAKER: CEILING	
S AN S AN	ANALOG SPEAKER: WALL, CEILING	
IP SIP	IP SPEAKER: WALL, CEILING	
S S S	SPEAKER-HORN: WALL, CEILING	
S AN S AN	ANALOG SPEAKER-HORN: WALL, CEILING, WP	
\Diamond	2-WAY/ARA COMMUNICATION STATION: WALL M: MASTER STATION PS: POWER SUPPLY	(
AV AV AV	A/V OUTLET: WALL, FLOOR, CEILING	
CONT A/V	ASSISTIVE LEARNING SYSTEM: CONTROLLER	
A/V 	ASSISTIVE LEARNING SYSTEM: INPUT / OUTPUT	
CATV	CATV OUTLET: WALL, CEILING	(
IC	INTERCOM STATION: WALL	
IV	INTERCOM & VIDEO STATION: WALL	
IC/IV _{MAN}	INTERCOM MASTER STATION: WALL MAN: MASTER ANALOG MIP: MASTER IP	
Ŷ	WIDELESS OF OCK SIGNAL DISTRIBUTION ANTENNA, WALL	

TELECOM PATHWAYS AND **ENCLOSURES SYMBOLS**

ANALOG TELEPHONE OUTLET: WALL

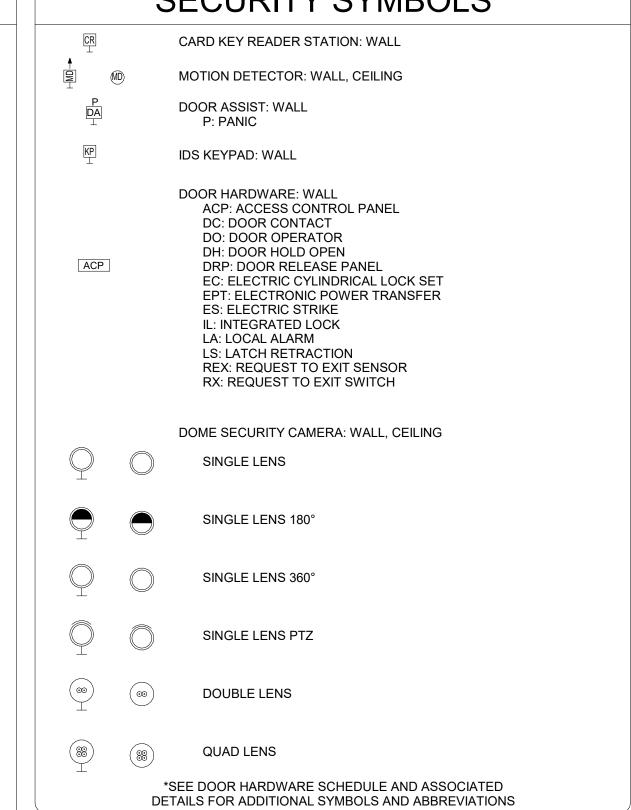
CONDUIT

WIRELESS CLOCK SIGNAL DISTRIBUTION ANTENNA: WALL

	UNDERGROUND CONDUIT
	AERIAL
	SPLICE
MH	MAINTENANCE HOLE
	VAULT (SUBSCRIPT +-)
	POLES
	RACK (2 POST)
	RACK (4 POST)
	CABINET: SURFACE, RECESSED
PB	PULL BOX
V	TELECOM UNDERGROUND VAULT
⊢FSD⊣	CABLE PATHWAY FIRESTOPPING DEVICE
HHHHH	CABLE TRAY: CENTER SUPPORT, OUTER SUPPORTS
<u> </u>	TELECOM GROUND BUS

TELEPHONE BACKBOARD.

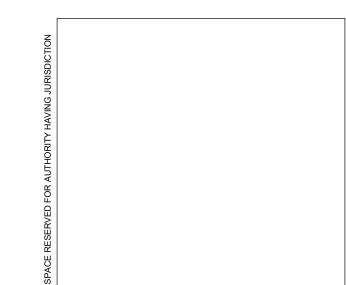
SECURITY SYMBOLS



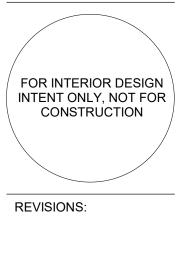
FIRE ALARM SYMBOLS

Ę	MANUAL PULL STATION: WALL
F	BELL: WALL
d a	STROBE: WALL, CEILING
¥ &	SPEAKER-STROBE: WALL, CEILING
\$ S	PHOTOELECTRIC SMOKE DETECTOR: WALL, CEILING PR: RELAY BASE PIB: ISOLATION BASE PT: HEAT DETECTOR
	BEAM SMOKE DETECTOR
ARM ARM	ADDRESSABLE MODULE: WALL, CEILING ARM: ADDRESSABLE RELAY MODULE AIM: ADDRESSABLE INPUT MODULE (SINGLE) AMM: ADDRESSABLE MINI INPUT MODULE ADM: ADDRESSABLE DUAL INPUT MODULE ANM: ADDRESSABLE DUAL INPUT MODULE ANM: ADDRESSABLE NOTIFICATION MODULE AIO 1X1: ADRESSABLE INPUT/OUTPUT MODULE, 1 INPUT x 1 RELAY AIO 2X2: ADDRESSABLE INPUT/OUTPUT MODULE, 2 INPUT x 2 RELAY
WF	SWITCH: WALL, CEILING WF: WET SYSTEM PA: PREACTION SYSTEM VS: VALVE SUPERVISORY SWITCH PIV: POST INDICATOR VALVE LA: LOW AIR SWITCH HA: HIGH AIR SWITCH PR: PUMP RUNNING SIGNAL PT: PUMP TROUBLE SIGNAL REV: REVERSAL SIGNAL LT: LOW AIR TEMP LW: LOW WATER LEVEL DH: MAGNETIC DOOR HOLD
FACU	FIRE ALARM CONTROL UNIT
NPS	NOTIFICATION POWER SUPPLY
FAA	REMOTE ANNUNCIATOR
LOC	LOCAL OPERATOR CONSOLE
AMP	EVAC AMPLIFIER
FATC	FIRE ALARM TERMINAL CABINET
ELEV	ELEVATOR CONTROL MODULE
SPRK	SPRINKLER CONTROL MODULE
FAC	FIRE ALARM CONTROL PANEL
AES	WIRELESS MESH RADIO NETWORK

DOCUMENT STORAGE BOX









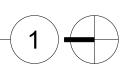
PROJECT: 21005.01 DATE: 10/21/2022

LEGEND AND ABBREVIATIONS -**ELECTRICAL** E001

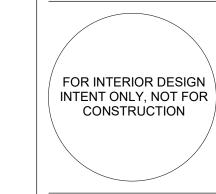
Sheet List Sheet Sheet Name LEGEND AND ABBREVIATIONS - ELECTRICAL FLOOR PLAN - UPPER LEVEL - ELECTRICAL FLOOR PLAN - LOWER LEVEL - ELECTRICAL

E111

FLOOR PLAN - UPPER LEVEL - ELECTRICAL
1/16" = 1'-0"
1







REVISIONS:

321 NE Couch St, Suite 403 Portland, Or 97232 503-771-1986

KEYED NOTES

AS APPROPRIATE.

GENERAL NOTES

ALL CIRCUITS ARE TO BE DE-ENERGIZED PRIOR TO COMMENCING

CONTRACTOR TO CONFIRM SOURCE PANELS AND LINE TRACE

INSPECT PHYSICAL CONDITION OF ALL WIRING INTENDED FOR

PERFORM MEGGER/RESISTANCE TESTING AND NOTIFY ENGINEER OF

REFER TO AS-BUILT DOCUMENTATION FOR EXISTING SINGLE-LINE DIAGRAMS AND DEVICE LAYOUTS, ALTHOUGH THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES AND EQUIPMENT PRIOR TO COMMENCING WORK AND COMPENSATE OWNER

FOR DAMAGES CAUSED BY FAILURE TO LOCATE OR PRESERVE

FOR ITEMS TO BE DEMOLISHED, REMOVE WIRING, DEVICES, AND CONDUIT COMPLETE, DO NOT ABANDON IN PLACE UNLESS OTHERWISE

PERFORM INSTALLATION IN ACCORDANCE WITH THE CODES OF

OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).

OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).

NOTED. CONDUIT CAST IN-SLAB IS TO BE CUT-OFF BELOW GRADE AND

DE-ENERGIZE, DISCONNECT, AND REMOVE ALL EXISTING ELECTRICAL INFRASTRUCTURE IN AREAS UNAFFECTED BY PROJECT DEMO. RETAIN EXISTING ELECTRICAL RACEWAYS IDENTIFIED FOR INTERCEPTION AND EXTENSION IN AREAS UNAFFECTED BY

APPLICABLE DOE ORDERS, NATIONAL ELECTRICAL CODE (NEC), AND

I.PERFORM INSTALLATION IN ACCORDANCE WITH THE CODES OF

APPLICABLE DOE ORDERS, NATIONAL ELECTRICAL CODE (NEC), AND

ELECTRICAL DRAWINGS ARE CONSIDERED DIAGRAMMATIC AND

AND INSTALLATION REQUIREMENTS WITH OTHER TRADES.

1. PCB-CONTAINING ELECTRICAL EQUIPMENT, INCLUDING TRANSFORMERS, CAPACITORS, AND SWITCHES.

2. PCB- AND DEHP-CONTAINING LIGHTING BALLASTS. 3. MERCURY-CONTAINING LAMPS AND TUBES, INCLUDING

TUBES, NEON, AND INCANDESCENT.

ACCOMMODATE NEW CONSTRUCTION.

THAT ARE NOT REMOVED.

DEMOLITION AND EXTENSION WORK.

CLEAR OF CONSTRUCTION OR DEMOLITION.

M REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY.

WITH WALLS AND FLOORS, AND PATCH SURFACES.

ARRANGEMENT OF WORK AND SYSTEMS. COORDINATE ROUGH-IN

PERFORM WORK FOR REMOVAL AND DISPOSAL OF EQUIPMENT AND MATERIALS CONTAINING TOXIC SUBSTANCES REGULATED UNDER THE FEDERAL TOXIC SUBSTANCES CONTROL ACT (TSCA) IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. APPLICABLE EQUIPMENT AND MATERIALS INCLUDE, BUT ARE NOT

FLUORESCENT LAMPS, HIGH INTENSITY DISCHARGE (HID), ARC LAMPS, ULTRA-VIOLET, HIGH PRESSURE SODIUM, MERCURY VAPOR, IGNITRON

REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO

REMOVE EXPOSED ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONDUIT FLUSH

AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS

DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.

MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS THAT

REMOVE AND RESTORE WIRING WHICH SERVES USABLE OUTLETS

REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING

REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL

O DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED

CIRCUITS TO DETERMINE BREAKER SPACE.

INTERCEPTION AND EXTENSION.

DEFICIENCIES FOUND.

UTILITIES.

DEMOLITION.

RECORD AND

RECORD AND

INDICATE GENERAL

REQUIREMENTS

LIMITED TO:

1 RELOCATE EXISTING LIGHT SWITCHES TO THE OPPOSITE SIDE OF THE WING WALL AS INDICATED. INTERCEPT EXISTING WIRING AND EXTEND TO NEW LOCATION.

2 DE-ENERGIZE EXISTING RECEPTACLE CIRCUIT PRIOR TO DEMOLITION OF WALL. OUTLET IS TO REMAIN IN PLACE WITH EXISTING WIRING DURING CONSTRUCTION AND SECURED TO THE NEW STUD FRAME WALL.

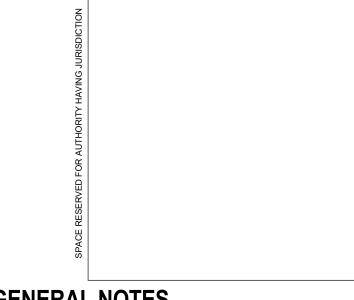
WISMER

PROJECT: 21005.01 10/21/2022 DATE:

FLOOR PLAN -UPPER LEVEL ELECTRICAL

E111

FLOOR PLAN - LOWER LEVEL - ELECTRICAL
1/16" = 1'-0"



GENERAL NOTES

- A ALL CIRCUITS ARE TO BE DE-ENERGIZED PRIOR TO COMMENCING
- B CONTRACTOR TO CONFIRM SOURCE PANELS AND LINE TRACE
- CIRCUITS TO DETERMINE BREAKER SPACE.

 C INSPECT PHYSICAL CONDITION OF ALL WIRING INTENDED FOR

INTERCEPTION AND EXTENSION.

- D PERFORM MEGGER/RESISTANCE TESTING AND NOTIFY ENGINEER OF DEFICIENCIES FOUND.
- E REFER TO AS-BUILT DOCUMENTATION FOR EXISTING SINGLE-LINE DIAGRAMS AND DEVICE LAYOUTS, ALTHOUGH THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES AND EQUIPMENT PRIOR TO COMMENCING WORK AND COMPENSATE OWNER FOR DAMAGES CAUSED BY FAILURE TO LOCATE OR PRESERVE UTILITIES.
- F FOR ITEMS TO BE DEMOLISHED, REMOVE WIRING, DEVICES, AND CONDUIT COMPLETE, DO NOT ABANDON IN PLACE UNLESS OTHERWISE NOTED. CONDUIT CAST IN-SLAB IS TO BE CUT-OFF BELOW GRADE AND ABANDONED.
- G DE-ENERGIZE, DISCONNECT, AND REMOVE ALL EXISTING ELECTRICAL INFRASTRUCTURE IN AREAS UNAFFECTED BY PROJECT DEMO.
- H RETAIN EXISTING ELECTRICAL RACEWAYS IDENTIFIED FOR INTERCEPTION AND EXTENSION IN AREAS UNAFFECTED BY
- DEMOLITION.

 I PERFORM INSTALLATION IN ACCORDANCE WITH THE CODES OF RECORD AND APPLICABLE DOE ORDERS, NATIONAL ELECTRICAL CODE (NEC), AND
- OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).
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 ELECTRICAL DRAWINGS ARE CONSIDERED DIAGRAMMATIC AND INDICATE GENERAL

ARRANGEMENT OF WORK AND SYSTEMS. COORDINATE ROUGH-IN

- AND INSTALLATION REQUIREMENTS WITH OTHER TRADES.

 K PERFORM WORK FOR REMOVAL AND DISPOSAL OF EQUIPMENT AND MATERIALS CONTAINING TOXIC SUBSTANCES REGULATED UNDER THE FEDERAL TOXIC SUBSTANCES CONTROL ACT (TSCA) IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.
- APPLICABLE EQUIPMENT AND MATERIALS INCLUDE, BUT ARE NOT LIMITED TO:

 1. PCB-CONTAINING ELECTRICAL EQUIPMENT, INCLUDING TRANSFORMERS, CAPACITORS, AND SWITCHES.

 2. PCB- AND DEHP-CONTAINING LIGHTING BALLASTS.

 3. MERCURY-CONTAINING LAMPS AND TUBES, INCLUDING FLUORESCENT LAMPS, HIGH INTENSITY DISCHARGE (HID), ARC LAMPS, ULTRA-VIOLET, HIGH PRESSURE SODIUM, MERCURY VAPOR, IGNITRON TUBES, NEON, AND INCANDESCENT.
- L REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.

 M. PEMOVE ARANDONED WIRING TO SOURCE OF SURPLY

REQUIREMENTS

- M REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY.

 N REMOVE EXPOSED ABANDONED CONDUIT, INCLUDING ABANDONED
- CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONDUIT FLUSH WITH WALLS AND FLOORS, AND PATCH SURFACES.

 O DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED.
- ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS THAT ARE NOT REMOVED.
- P DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.
- REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
- R MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS THAT REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL AS APPROPRIATE
- S REMOVE AND RESTORE WIRING WHICH SERVES USABLE OUTLETS CLEAR OF CONSTRUCTION OR DEMOLITION.

KEYED NOTES

- 1 RELOCATE EXISTING LIGHT SWITCHES TO THE OPPOSITE SIDE OF THE WING WALL AS INDICATED. INTERCEPT EXISTING WIRING AND EXTEND TO NEW LOCATION.
- DE-ENERGIZE EXISTING RECEPTACLE CIRCUIT PRIOR TO DEMOLITION OF WALL. OUTLET IS TO REMAIN IN PLACE WITH EXISTING WIRING DURING CONSTRUCTION AND SECURED TO THE NEW STUD FRAME WALL.

HBx STUDIO
WWW.HBX-STUDIO.COM



REVISIONS:

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503-771-1986

SROOM WALLS PHASE 3 - JACOB WISMER ELEMENTARY S

CLASSROOM
S477 NW SKYCREST PKWY
PORTLAND, OR 97229
80% CD

PROJECT: 21005.01

DATE: 10/21/2022

FLOOR PLAN -LOWER LEVEL -ELECTRICAL

E112

NOTE: NOT ALL ABBREVIATIONS SHOWN MAY BE USED OR LISTED.

L. NO	ALE ADDITE VIATIONS SHOWN WAT D	L USLD U	KLIGIED
A/C	AIR CONDITIONING	LAV	LAVATORY
ACT	ACOUSTICAL CEILING TILE	LVT	LUXURY VINYL TILE
ADA	AMERICAN W/DISABILITIES ACT		
ADJ	ADJUSTABLE	MAX	MAXIMUM
AFF	ABOVE FINISHED FLOOR	MDF	MEDIUM DENSITY FIBERBOARD
ALT	ALTERNATE, ALTERNITIVE	MI	MIRROR
AOW	AREA OF WORK	MIN	MINIMUM
		MO	MASONRY OPENING
BATT	BATT INSULATION	MTL	METAL
RD	ROARD.		

NOT IN CONTRACT

OUTSIDE DIAMETER or

CONTRACTOR INSTALLED

PLATE or PLASTIC LAMINATE or

OVERFLOW DRAIN

OWNER FURNISHED

OWNER FURNISHED.

OWNER INSTALLED

NTS NOT TO SCALE

ON CENTER

OVERHEAD

OTS OPEN TO STRUCTURE

QUARRY TILE

RADIUS, RISER

ROOF DRAIN

REPLACE

REQUIRED

RELOC RELOCATED(D)

ROOM

RT RESILIENT TILE

REPL

REQ

RET

RESILIENT BASE

RETURN or RETENTION

RESILIENT FLOORING

ROUGH OPENING

SAM SELF ADHERED FLEXIBLE

FLASHING

SIMILAR

TS TUBE STEEL

UNO UNLESS NOTED OTHERWISE

UOS UNDERSIDE OF STRUCTURE

VCT VINYL COMPOSITE TILE

WEST or WIDTH

WIDE FLANGE WATER HEATER

VERTICAL

WITH

WOOD

WITHOUT

HOOK

LIFE SAFETY MOUNTING HEIGHTS

CABINET

TYP TYPICAL

VEN VENEER

VERT

PWD PLYWOOD

QTY QUANTITY

PROPERTY LINE

PRESSURE TREATED

BATT	BATT INSULATION
BD	BOARD
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
ВО	BOTTOM OF
BOC	BACK OF CURB
BOD	BASIS OF DESIGN
BOT	BOTTOM
D0	DOTH OIDEO

BOTH SIDES BS CATCH BASIN CFCI

CEMENT BACKER BOARD CONTRACTOR FURNISHED, CONTRACTOR INSTALLED CONTRACTOR FURNISHED. OWNER INSTALLED CORNER GUARD CONTROL JOINT CENTER LINE CLG CEILING CLO CLOSET CLR CLEAR(ANCE) CMU

CSMT

CTR

ELEV

ENM

ETR

EXT

FABX

FD

FEC

FOC

FOF

FOM

FOS

GYP

RESTROOMS CLEARANCES AND MOUNTING HEIGHTS

LAVATORIES

MIRRORS

5" MAX.

6" MAX.—

8" MIN. FOUNTAIN

EΟ

- CONCRETE MASONRY UNIT CEMENT PLASTER CASEMENT CSWK CASEWORK CERAMIC TILE CENTER COUNTERSINK
- CTSK DEMO DEMOLITION DIA DIAMETER DIM DIMENSION DIM PT DIMENSION POINT DN DOWN DAMPPROOFING DW DISHWASHER FXISTING EACH EXPANSION BOLT

ELEVATION

EXTERIOR

FIRE ALARM

FIRE ALARM BOX

FINISHED FLOOR

FLOOR DRAIN

ENAMEL

- STN STONE SLAB/VENEER SHEET VINYL SYM SYMBOL or SYMMETRICAL **EXPANSION JOINT** TEMPERED or TILE TOP & BOTTOM ELECTRIC OUTLET **TONGUE & GROOVE** EXISTING TO REMAIN TRECH DRAIN or TOWN DOWN! THK THICK(NESS) TO MATCH FURNISH AND INSTALL TOP OF TOP OF DECK TOP TOP OF PARAPET or TOP OF PAVEMENT FIRE EXTINGUISHER CABINET TOR TOP OF ROOF TOS TOP OF SLAB or TOP OF STEEL FURNITURE, FIXTURE & TWO TOP OF WALL T-STAT TERMOSTAT
- **EQUIPMENT** FACE OF or FINISHED OPENING FACE OF CONCRETE FACE OF FINISH FACE OF MASONRY FACE OF STUD GLASS MASONRY UNIT GYPSUM GWB GYPSUM WALL BOARD
- HDRL HANDRAIL HDW HARDWARE HEIGHT HVAC HEATING, VENTILATION & AIR CONDITIONING JANITOR JANITOR'S CLOSET

W PANELWOOD PANELING WRB WEATHER RESISTANT BARRIER WWF WELDED WIRE FABRIC

/ CLEAR.ನ್

EQ EQ

SIGN

⁻6" MAX

SPECIALTIES - FIRE EXTINGUISHERS

A. SURVEY EXISTING CONDITIONS OF ENTIRE FLOOR THAT PROJECT OCCURS AND PROVIDE NOT LESS THAN ONE APPROVED FIRE EXTINGUISHER WITH RATING NOT LESS THAN 20A 10B/C FOR EACH 1,500SF OF FLOOR AREA OR FRACTION THEREOF. TRAVEL DISTANCES TO AN EXTINGUISHER FROM ANY PORTION OF THE BUILDING SHALL NOT EXCEED 75 FEET. PROVIDE FIRE EXTINGUISHER(S) IN ACCORDANCE WITH CURRENT

FIRE PROTECTION, ALARM AND EXTINGUISHERS

B. PROVIDE NEW FIRE EXTINGUISHER(S) AT ALL EXISTING CABINETS WHERE MISSING. ALL REUSED EXISTING FIRE EXTINGUISHERS ARE TO BE INSPECTED AND/OR RECHARGED, AS NECESSARY, PRIOR TO SUBSTANTIAL COMPLETION.

FIRE PROTECTION & ALARM SYSTEMS

- A. CONTACT BUILDING MANAGER FOR INSTRUCTIONS WHEN SCHEDULING WORK ON FIRE SPRINKLER AND ALARM SYSTEMS.
- B. AUTOMATIC SPRINKLER SYSTEM SUPERVISION: ALL VALVES, INCLUDING THOSE IN PITS, SHALL BE MONITORED BY UL LISTED FIRE MARSHAL - APPROVED CENTRAL STATION. WATER FLOW AND HIGH/LOW PRESSURE FOR DRY PIPE SYSTEMS (IF USED) SHALL BE SUPERVISED AS WELL AS OTHER FEATURES DEEMED NECESSARY BY CURRENT NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS.
- C. PREPARE SPRINKLER SYSTEM SHOP DRAWINGS FOR COORDINATION WITH ARCHITECTS
- D. PROVIDE FULLY CONCEALED SPRINLKER HEADS IN HARDLID CEILINGS, UNLESS NOTED
- E. PAY ALL FEES AND OBTAIN ALL PERMITS AND APPROVALS FROM AUTHORITIES HAVING JURISDICTION NECESSARY TO COMPLETE THE WORK.

BUILDING ALARM SYSTEM/SMOKE DETECTORS

- A. PROVIDE VISUAL AND AUDIBLE ALARM SIGNAL APPLIANCES INTEGRATED INTO THE BUILDING ALARM SYSTEM AS REQUIRED BY ADA AND CURRENT OSSC STANDARDS. PROVIDE ADDITIONAL ELECTRICAL SERVICE AS REQUIRED. COORDINATE REQUIREMENTS WITH BUILDING OWNER. ALARM LOCATIONS INDICATED ON PLANS ARE FOR REFERENCE
- B. PROVIDE SHOP DRAWINGS FOR ALARM SYSTEM LAYOUT AS REQUIRED BY CODE.
- C. SMOKE DETECTION DEVICES INDICATED ON THE DRAWINGS ARE FOR REFERENCE ONLY CONFIRM SPACING OF DETECTORS WITH DEVICE LISTING.
- D. CLEAN AND REPAIR EXISTING SMOKE DETECTORS TO BE REUSED TO GOOD WORKING CONDITION.

DIMENSIONS MEASURED TO THE

POINT OF OPERATING CONTROL

TOWEL

DISPENSER

ADA REACH RANGES

10" MAX. OBSTR.

FOR SIDE REACH

UNOBSTRUCTED

REACH

PAPER SOAP LOTION HAND

OBSTRUCTED

SIDE REACH

MAXIMUM HEIGHT TO DISPENSERS SHOWN.

DISPENSER NAPKIN DISPENSER/ RECEPTACLE

RECEPTACLE

DISPENSER WASTE

COORDINATE WITHIN TILE MODULE

HAND TOWEL SEAT COVER SANITARY TOWEL

CCTV 🔍

CLOSED ELECTRICAL

EXTINGUISHER ALARM ALARM CIRCUIT PANEL

PULL STROBE TELEVISION

STATION & HORN CAMERA

SURFACE 2'-3" MIN. TO 2-10"

CHANGE

STATION

OBSTRUCTED

FORWARD

REACH

OBSTRUCTED

FORWARD REACH

ZONE FOR TOILET PAPER DISPENSER

DISPENSER

MAX WHEN OPENED

HARDWARE, SPECIALITIES & FINISHES

DOOR HARDWARE

- A. DOORS SHALL OPEN FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- B. NEW EXTERIOR DOOR HARDWARE SHALL MATCH EXISTING BUILDING STANDARDS AND BE ADA COMPLIANT. LEVELER HANDLE, HINGES AND CLOSESERS TO ALL MATCH SAME FINISH AND BUILDING STANDARD AND EACH OTHER.
- C. CONTRACTOR SHALL VERIFY COMPATABILITY OF HARDWARE SPECIFIED WITH BUILDING
- D. PROVIDE NEW DOORS WITH FINISH SPECIFIED PER SCHEDULE. PROVIDE DIAGRAM OF WOOD GRAIN DETAIL, MATCHING AND FINISH.
- E. PROVIDE DOOR CLOSERS PER SCHEDULE. SUBMIT CUT SHEET FOR ARCHITECT REVIEW AND APPROVAL.
- G. PROVIDE DOOR OPENINGS IN RATED WALLS COMPLYING WITH REQUIRED SMOKE CONTROL ASSEMBLY AND INDICATED FIRE PROTECTION RATING. WHERE EXISTING DOOR OPENINGS DO NOT COMPLY WITH PRESENT BUILDING CODE REQUIREMENTS, PROVIDE NEW DOORS, FRAMES AND HARDWARE THAT COMPLY.
- H. ADJUST THE RESISTIVE FORCE OF ALL NEW AND EXISTING INTERIOR DOOR CLOSERS IN THE PROJECT AREA TO A MAXIMUM PRESSURE OF 5 LBS TO COMPLY WITH ADA REQUIREMENTS.

FINISHES - PATCH & REPAIR

- I. REPAIR/REFINISH ANY DAMAGE TO EXISTING FINISH SURFACES IN IMPROVEMENT AREA CAUSED BY CONSTRUCTION OPERATIONS.
- J. PAINT EXISTING WALLS WITH (2) COATS OF EGGSHELL FINISH PAINT UNLESS NOTED OTHERWISE. SUBMIT COLOR DRAW-DOWNS TO ARCHITECT FOR APPROVAL PRIOR TO
- K. WHERE ALL NEW PARTITIONS ABUT, JOIN OR CONNECT TO EXISTING SURFACES, WALLS OR NEW CONSTRUCTION, ALIGN THE FINISH SURFACE.
- L. ALL NEW WALLS AND PARTITIONS SHALL HAVE TAPED JOINTS (3) COATS SANDED AND PRIMED TO MEET PAINT READY REQUIREMENTS.
- M. EXISTING WALLS AND SURFACES SHALL BE STRIPPED, RESURFACED AND PATCHED AS REQUIRED.
- N. PROVIDE A FULL GALLON OF EACH WALL COLOR WITH LABELS IN TENANT SUITE. LABEL ALL LEFT OVER PAINT AND DELIVER TO OWNER WHERE DIRECTED.
- O. TAPE AND SAND EXPOSED GYPSUM BOARD FOR A FLAT, SMOOTH SURFACE FINISH TO MATCH EXISTING ADJACENT SURFACES IN BUILDING UNLESS NOTED OTHERWISE.
- P. PROVIDE FINISH MATERIALS MATCHING ESTABLISHED BUILDING STANDARD QUALITY. UNLESS NOTED OTHERWISE. PROVIDE COLORS APPROVED BY OWNER AND ARCHITECT.
- Q. CONTRACTOR TO FILL AND PATCH EXISTING CONCRETE SLABS AND SHALL PROVIDE SMOOTH UNIFORM SURFACE PRIOR TO NEW FLOOR COVERINGS TO BE INSTALLED.

CLEAR SPACE

WATER CLOSETS

PROTRUDING

OBJECTS

CLEAR SPACE '

3' - 6" MIN. - 0" MAX

GENERAL NOTES - PROJECT

- A. REVIEW ALL CONSTRUCTION DOCUMENTS AND SPECIFICATIONS AND COMPARE THEM TO FIELD CONDITIONS PRIOR TO PROCEEDING WITH THE WORK. IMMEDIATELY REPORT ANY CONFLICTS, DISCREPANCIES, OR OMISSIONS TO THE ARCHITECT PRIOR TO SUBMITTING
- B. ALL WORK SHALL BE DONE IN CONFORMANCE WITH THE LATEST EDITION OF APPLICABLE BUILDING CODES, PROGRAM GUIDES OR OTHER REQUIREMENTS OF THE LOCAL JURISDICTION.
- C. ALL WORK, BOTH NEW AND IN PLACE, IS TO MEET THE BUILDING FIRE-LIFE SAFETY SUMMARY IN THE AREA OF REMODEL WORK PRIOR TO FINAL INSPECTION.
- D. PROVIDE ALL WORK REQUIRED FOR A COMPLETE INSTALLATION WHETHER OR NOT SHOWN OR DESCRIBED.
- E. COORDINATE THE MOVEMENT OF PERSONNEL AND MATERIALS WITHIN THE BUILDING AND SIMILAR AREAS WITH THE OWNER'S REPRESENTATIVE. SCHEDULE ACTIVITIES SO THEY ARE NOT DISRUPTIVE TO OCCUPANTS OF THE BUILDING. MAINTAIN EXITING, FIRE PROTECTION AND LIFE SAFETY PER THE FIRE MARSHALL'S OFFICE. COORDINATE DISRUPTIVE WORK FOR AFTER BUSINESS HOURS.
- F. CONTRACTOR SHALL NOT SCALE THE DRAWINGS OR DETAILS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND CONDITIONS AT THE JOBSITE. WHERE WRITTEN DIMENSIONS ARE NOT INDICATED OR CANNOT BE DISCERNED FROM THE CONSTRUCTION DOCUMENTS, CONTACT THE ARCHITECT FOR CLARIFICATION.
- G. NOTIFY THE ARCHITECT IN WRITING IF THERE ARE ANY CORRECTIONS OR CHANGES REQUIRED TO THE CONSTRUCTION DOCUMENTS BY THE AUTHORITY HAVING JURISDICTION. CORRECTION LIST OR COMMENTS MUST BE DELIVERED TO THE DESIGN AGENCY VIA EMAIL AND INCORPORATED BY THE CONTRACTOR INTO THE PERMIT SET
- H. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL TRADES, INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL REQUIREMENTS.

I. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO FOLLOW AND COORDINATE ALL ITEMS PER THE MANUFACTURE'S PRINTED INSTRUCTIONS, SPECIFICATIONS AND INSTALLATION DETAILS. THE INSTALLATION OF ALL BUILDING PRODUCTS (INTERIOR AND EXTERIOR), FIXTURES, EQUIPMENT, ETC. SHALL FOLLOW MANUFACTURER INSTALLATION REQUIREMENTS.

CONSTRUCTION PHASE

J. THE ARCHITECT SHALL NOT HAVE CONTROL OVER NOR IS RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES IN THE EXECUTION OF THE WORK. SAFETY PRECAUTIONS OR PROGRAMS CONNECTION WITH THE PROJECT ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

MATERIAL SPECIFICATIONS

- K. SPECIFIC ITEMS DESCRIBED, LISTED OR DRAWN WITHIN THE CONSTRUCTION SET ARE CONSIDERED THE BASIS OF DESIGN FOR THE PROJECT. IF A SUBSTITUTION IS PROPOSED, THE GENERAL CONTRACTOR IS TO CERTIFY THAT THE PRODUCT IS OF EQUAL OR GREATER PERFORMANCE OR REQUEST REVIEW BY THE DESIGN AGENCY IN WRITING.
- L. THE GENERAL CONTRACTOR SHOULD CONFIRM APPLICABILITY OF ALL SPECIFIED PRODUCTS WITH THE MANUFACTURER FOR SPECIFIC USE AS SHOWN PRIOR TO PURCHASING AND INSTALLATION.

SUBMITTAL PROCEDURES

- M. THE GENERAL CONTRACTOR SHALL PROVIDE THE ARCHITECT AND BUILDING OWNER PRODUCT DATA, CUTSHEETS AND SHOP DRAWINGS OF INSTALLED PRODUCTS OR DESIGN-BUILD ITEMS IN DIGITAL .PDF FORMAT FOR REVIEW FOLLOWING THE CONTRACTOR'S REVIEW FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. ARCHITECT WILL THEN REVIEW EACH SUBMITTED FOR GENRAL COMFORMAMANCE.
- N. PROVIDE A MINIMUM (2) PHYSICAL PRODUCT SAMPLES FOR EACH FINISH, INCLUDING PAINT DRAWDOWNS, SPECIFIED WITHIN THESE DRAWINGS.

1260 NORTHWEST WATERHOUSE AVENUE.

PROJECT TEAM

PROJECT SUMMARY

PROJECT NAME:

JURISDICTION:

BUILDING HEIGHT:

PROJECT ADDRESS:

CONSTRUCITON TYPE:

PROJECT SCOPE

BEAVERTON, OR 97006 ATTN: JASON MOURRAY

BEAVERTON SCHOOL DISCTRICT

OCCUPANTS AND EGRESS PATTERNS ARE UNCHANGED.

ADDITIONAL SCOPE ADDRESSES 25% FOR ADA UPGRADES.

JASON_MOURRARY@BEAVERTON.K12.OR.US

CLASSROOM WALLS PHASE 3 - FINDLEY ELEMENTARY SCHOOL

4155 NW SALTZMAN RD

PORTLAND OR 97229

WASHINGTON COUNTY

INTERIOR ALTERATION TO PROVIDE SECURITY IMPROVEMENTS TO EXISTING CLASSROOM

AND EDUCATION COMMONS AREA. SCOPE INCLUDES BUILDING NEW PARTITIONS AT

EXISTING OPENINGS WITH NEW CLASSROOM ENTRY DOORS. EXISTING OCCUPANCY,

V-B (SPRINKLERED)

BUILDING OCCUPANCY: EDUCATIONAL, ASSEMBLY (NON-SEPRATED)

2 STORY

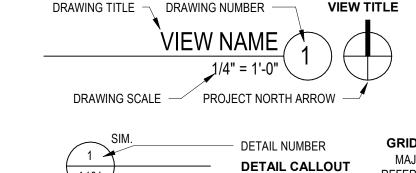
ARCHITECT: HBX STUDIO ARCHITECTURE, INC. 831 SE SALMON ST SUITE 140 PORTLAND, OR 97214 WWW.HBX-STUDIO.COM

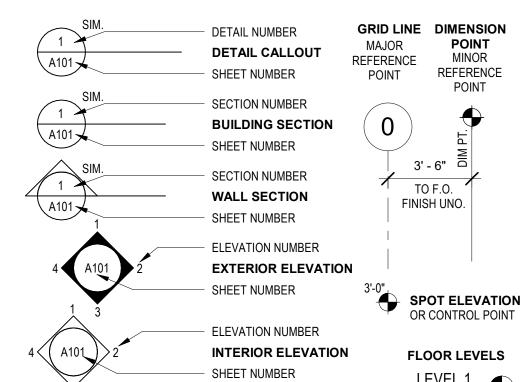
> ATTN: MICHAEL BARRETT, AIA MICHAEL@HBX-STUDIO.COM

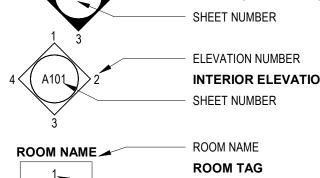
CONTRACTOR: TBD

SHEET

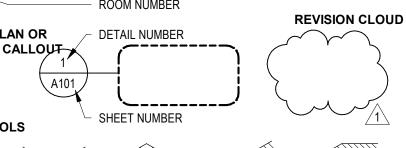
GENERAL SYMBOLS







ROOM NUMBER ENLARGED PLAN OR DETAIL NUMBER PLAN DETAIL CALLOUT



ELEVATION ABOVE

PROJECT CONTROL

SLOPE DOWN

SLOPE SYMBOLS

FIRE PROTECTION SYSTEMS

LIST OF DRAWINGS

DRAWING NAME

CITELI	Di di titili to i ti dille	112101011
G021	COVER PAGE	
G121	SITE PLAN & ACCESSIBLE PARKING	
G122	FIRE & LIFE SAFETY PLAN - MAIN LEVEL	
G123	FIRE & LIFE SAFETY PLAN - LOWER LEVEL	
A121	FLOOR PLAN - MAIN LEVEL	
A122	FLOOR PLAN - LOWER LEVEL	
A123	ENLARGED PLAN - TYPICAL CLASSROOM	
A221	ENLARGED TYPICAL CEILING PLAN	
A800	TYPICAL PARTITION DETAILS	
A801	TYPICAL PARTITION DETAILS	
A900	DOORS, FRAMES, HARDWARE SCHEDULE & TYPICAL OPENING DETAILS	
M001	GENERAL NOTES AND ABBREVIATIONS	
M121	FLOOR PLAN - LOWER LEVEL - HVAC	
M122	FLOOR PLAN - UPPER LEVEL - HVAC	
M123	ENLARGED PLANS - TYPICAL CENTER CLASSROOM - HVAC	
M124	ENLARGED PLANS - TYPICAL END CLASSROOM - HVAC	
E001	LEGEND AND ABBREVIATIONS - ELECTRICAL	
E111	MAIN LEVEL FLOOR PLAN - ELECTRICAL	

DEFERRED SUBMITTALS - DESIGN/BUILD

E112 LOWER LEVEL FLOOR PLAN - ELECTRICAL

ALL DEFERRED SUBMITTALS SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL WITH A NOTATION INDICATING THAT THE DOCUMENTS HAVE BEEN REVIEWED AND FOUND TO BE IN CONFORMANCE WITH THE DESIGN DIRECTION WITHIN THESE DOCUMENTS.

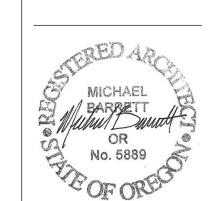
ALL WORK IS SUBJECT TO FIELD INSPECTION, DO NOT COVER WORK PRIOR TO CITY

SEPARATE PERMIT(S)

SEPARATE PERMITS ARE REQUIRED FOR THE BELOW ITEMS. THE GENERAL CONTRACOTR SUBMIT PLANS FOR REVIEW AND APPROVAL TO THE LOCAL AUTHORITY HAVING JURISDCIATION.

FIRE ALARM SYSTEMS

HBX-STUDIO.COM MICHAEL



REVISIONS:

CURRENT

REVISION

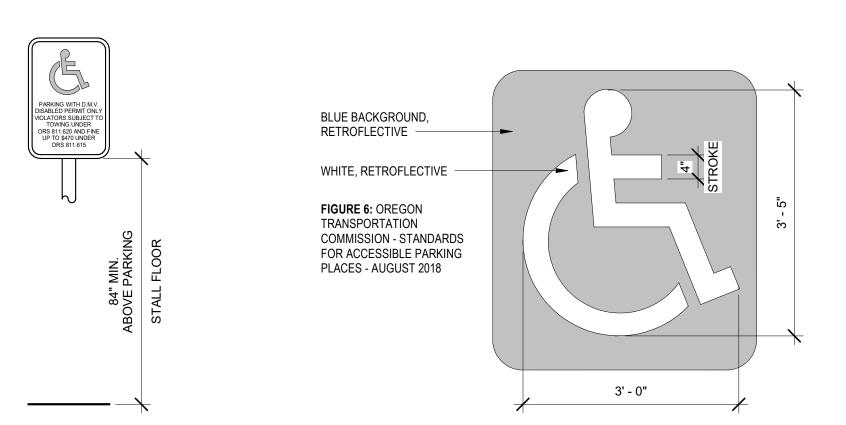
21005.02 PROJECT: 11/10/2022 DATE:

COVER PAGE G021

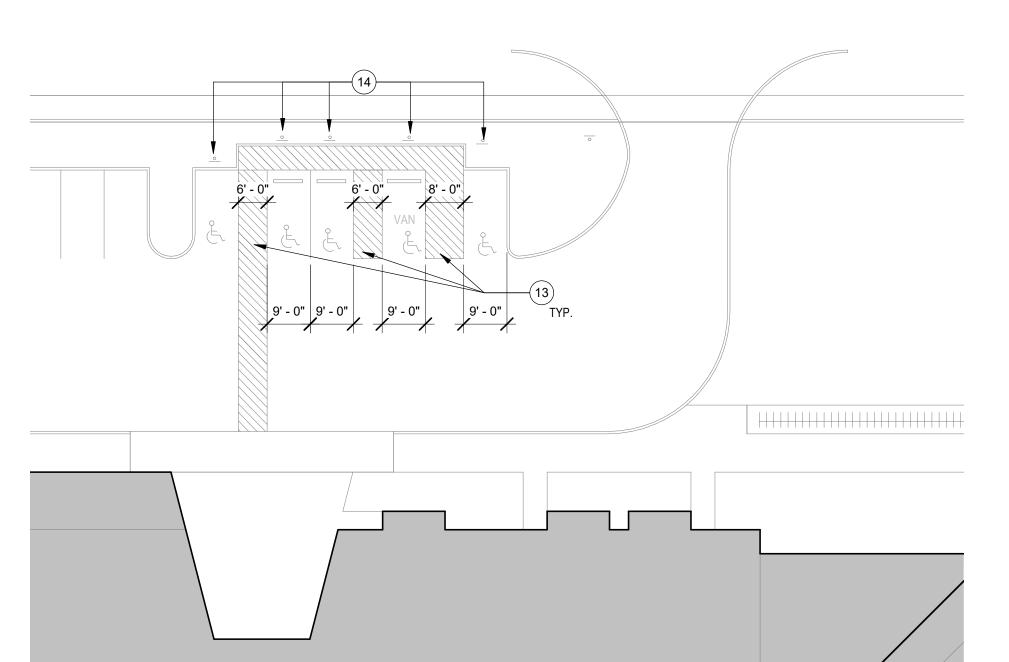
SPECIFY ODOT

STANDARDS.











ACCESSIBLE PARKING SCOPE

REPLACE EXISTING PARKING SIGNS WITH CURRENT ODOT STANDARD (R7-8 & 7-8A) AS SHOWN ON PLAN AND PHOTOGRAPH.

VERIFY EXISTING POLE HEIGHT MEETS

REQUIREMENTS OF DETAIL 4 ON THIS PAGE. IF NON-COMPLIANT, REPLACE EXISTING

POLE TO MEET CURRENT REQUIREMENTS.

- PROVIDE SUPPLEMENTAL "NO PARKING"

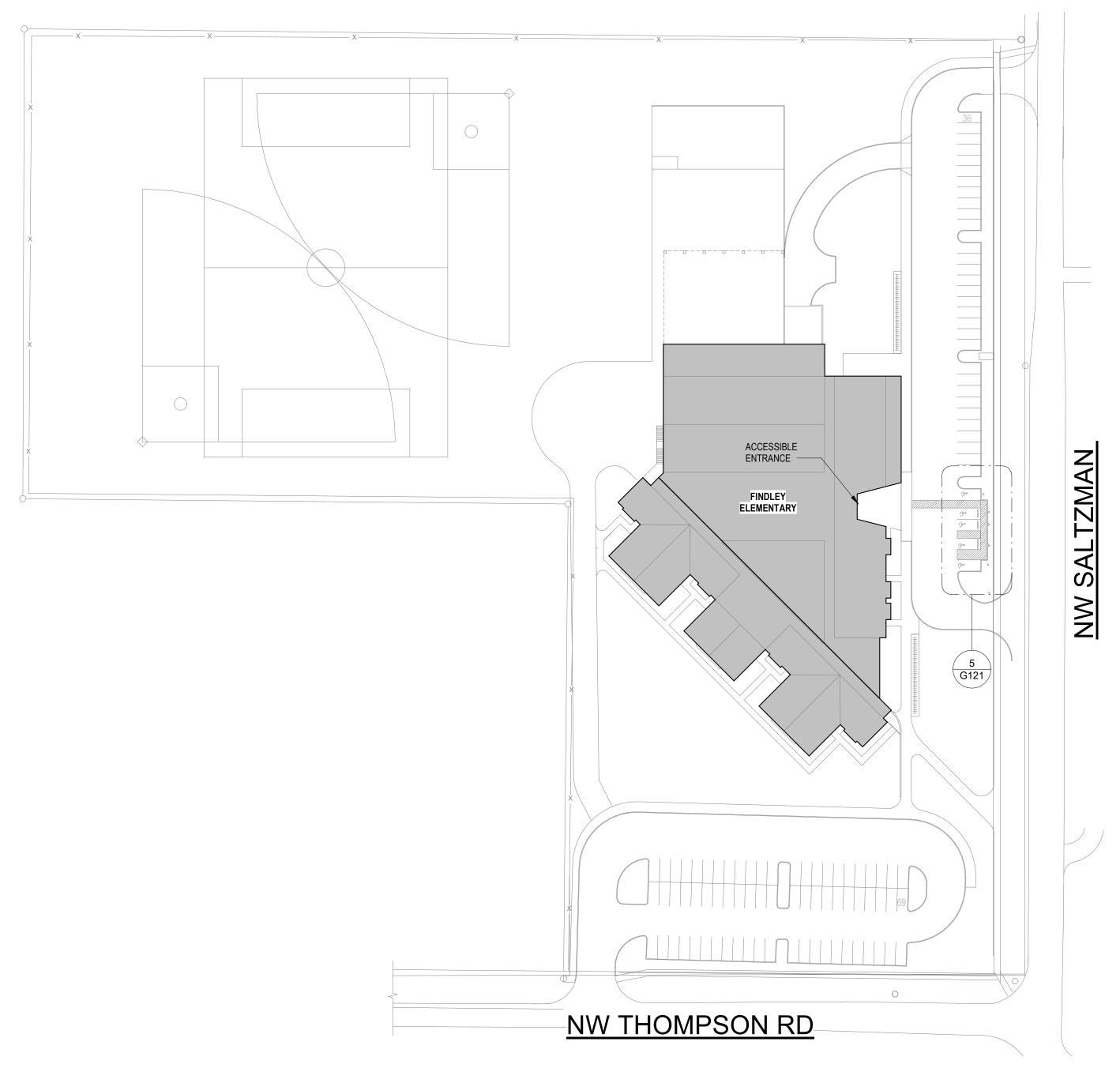
PAVEMENT MARKING WITHIN EXISTING

PERFORMED PRIOR TO THE SCOPE

STRIPING AISLES. COORDINATE TIMING

AND BUNDLING WITH DISTRICT IF WORK IS

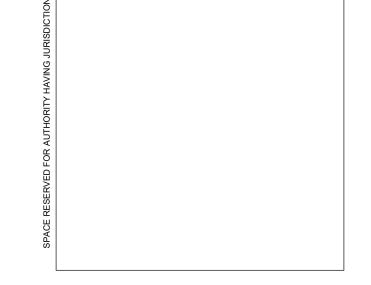
CONTAINED WITHIN THIS DOCUMENT SET.





EXISTING PARKING
1/8" = 1'-0"

5



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BARRETT OR No. 5889

OR No. 5889

OF ORGE

REVISIONS:

ORS 447.241 (25% ADA RULE) COMPLIANCE

EVERY PROJECT FOR RENOVATION, ALTERATION OR MODIFICATION TO AFFECTED BUILDINGS AND RELATED FACILITIES THAT AFFECTS OR COULD AFFECT THE USABILITY OF OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION SHALL BE MADE TO INSURE THAT, TO THE MAXIMUM EXTENT FEASIBLE, THE PATHS OF TRAVEL TO THE ALTERED AREA AND THE RESTROOMS, TELEPHONES AND DRINKING FOUNTAINS SERVING THE ALTERED AREA ARE READILY ACCESSIBLE TO AND USEABLE BY INDIVIDUALS WITH DISABILITIES, UNLESS SUCH ALTERATIONS ARE DISPROPORTIONATE TO THE OVERALL ALTERATIONS IN TERMS OF COST AND SCOPE.

EXISTING NON-COMPLIANT ITEMS WITHIN THE PATH OF TRAVEL TO THE AFFECTED AREA(S) OR ELEMENTS SERVING THE ALTERED AREA PROPOSED TO BE REMEDIATED WITHIN THIS PROJECT SCOPE INCLUDE:

- NEW ACCESSIBLE PARKING SIGNAGE & PAVING MARKINGS TO MEET CURRENT REQUIREMENTS AT EXISTING ADA PARKING ACCESS AISLE (ODOT - STANDARDS FOR ACCESSIBLE PARKING - 2018)
- REMOVAL OF DOOR LEAVES AT EXISTING STUDENT RESTROOMS (404.2 -MANUAL DOORS) INSTALLATION OF STAIR LEVEL IDENTIFICATION SIGNAGE AT EXISTING
- STAIRWAYS WITHIN THE ALTERED AREA (504.9) INSTALLATION OF THIRD VERITCAL GRAB BAR IN EXISTING ACCESSIBLE TOILET COMPARTMENTS (604.5.1)

FOLLOWING COMPLETION OF THIS PROJECT, NO ADDITIONAL BARRIERS ARE KNOWN WITHIN THE PROJECT AREA SUBJECT TO ORS 447.241.

NOTE THAT THE EXISTING STAFF RESTROOMS ON THE GROUND FLOOR ARE CONSIDERED COMPLIANT WITH THE AMERICAN WITH DISABILITIES ACT TITLE III -SAFE HARBOR EXCEPTION FOR MEETING THE REQUIREMENTS OF ANSI A117.1-1991 AS MODIFIED AND CODIFIED BY CHAPTER 11 OF THE 1990 OSSC. THESE RESTROOMS ARE CONNECTED BY A COMPLIANT ACCESSIBLE ROUTE FROM ALL ALTERED AREAS WITHIN THIS PROJECT.

KEYED NOTES - PROJECT SCOPE

- 1 ALIGN FACE OF ADJACENT FINISHES, TYPICAL.
- 2 SEE TYPICAL ENLARGED PLANS AND KEYNOTES FOR SCOPE WTIHIN THIS AREA.
- 3 PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL. 4 DEMOLISH EXISTING OPERABLE PARTITION. GC TO RECYCLE IF POSSIBLE. EXISTING HEADTRACK TO REMAIN. FIELD VERIFY HEADTRACKS PRIOR TO INSTALLATION OF NEW
- 5 PROVIDE 2X WOOD BLOCKING FOR FUTURE WALL MOUNTED BOARD (CFCI) ALONG ENTIRE LENGTH OF THIS WALL. SEE TYPICAL ELEVATION AND BLOCKING DETAIL.
- 7 INSTALL (N) 18" VERTICAL GRAB BAR AT EXISTING ACCESSIBLE RESTROOM OR TOILET COMPARTMENT. REMOUNT EXISTING TOILET ACCESSORIES WITHIN THIS AREA TO MEET ADA COMPLIANCE; SEE G001 FOR MOUNTING HEIGHTS AND CLEARANCES
- 8 REMOVE (E) DOOR AND HARDWARE. SEE TYPICAL FOR PATCH AND PAINT REQUIREMENTS.
- 11 PROVIDE STAIR LEVEL IDENTIFICATION SIGN IN RAISED CHARACTERS AND BRAILLE TO MEET THE REQUIREMENTS OF 2009 ICC A117.1 504.9 AT EACH FLOOR LEVEL LANDING ADJACENT OT THE DOOR LEADING FROM THE STAIRWELL INTO THE CORRIDOR TO IDENTIFY THE FLOOR LEVEL. PROVIDE ADDITIONAL SIGN AT STAIRWELL EXIT DOOR STATING 'EXIT.' SIGNS TO MATCH EXISTING CODE REQUIRED SIGNAGE FOR COLOR, SIZE
- AND FONT WITHIN THE BUILDING. 13 PROVIDE TRAFFIC COATING "NO PARKING" MARKING AT EXISTING ADA ACCESS AISLE. 14 PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL, SEE SITE PLAN FOR TYPICAL
- 17 INSTALL OWNER PROVIDED ROOM SIGANGE, TYP. ALL SIGNAGE TO MATCH DISTRICT STANDARD AND SHALL BE CFCI 18 INSTALL NEW 3"x3"x48" STAINLESS STEEL CORNER GUARD, MECHANICALLY FASTENED.

SITE PLAN & ACCESSIBLE

21005.02

11/10/2022

PARKING G121

PROJECT:

DATE:

ASSROOM WALL

ALTERED AREA - PRIMARY FUNCTION

ACCESSIBLE PATH OF TRAVEL TO THE ALTERED AREA

TERMS OF COST AND SCOPE.

PROJECT SCOPE INCLUDE:

(E) STAFF SINGLE OCCUPANT RESTROOMS

ANSI A117.1-1991 CLEARANCES AND MEET

ACT SAFE HARBOR EXCEPTION OF TITLE III -

SECTION D.2.i

SÉRVING ALTERED AREA. RESTROOMS COMPLY

CONDITIONS OF THE AMERICANS WITH DISABILITIES

AREA OUTSIDE OF PROJECT SCOPE

CODE REQUIRED SIGANGE

- A. PROVIDE REQUIRED CODE REQUIRED SIGNAGE AS PRESCRIBED BY THE OREGON STRUCTURAL SPECIALTY CODE AND THE INTERNATIONAL FIRE CODE. COORDINATE LOCATION WITH ARCHITECT AND AUTHORITY HAVING JURISDICTION PRIOR TO
- B. THE FOLLOWING ITEMS ARE TYPICALLY PROVIDED BY THE GENERAL CONTRACTOR, BUT MAY NOT EXHAUSTIVE OF ALL UNIQUE PROJECT REQUIREMENTS. COORDINATE EXTENT OF CODE REQUIRED SIGNAGE WITHIN THIS PROJECT WITH ARCHITECT OF RECORD PRIOR TO SUBSTANTIAL COMPLETION. MATCH ANY DISTRICT STANDARDS OR EXISTING BUILDING STANDARDS FOR CODE REQUIRED SIGNAGE.
- C. OREGON SPECIALTY STRUCTURAL CODE BASED ON THE INTERNATIONAL BUILDING
 - OCCUPANT LOAD (1004.3) - TWO-WAY COMMUNICATION DEVICES (IBC 1007.8.2) - AREAS OF REFUGE (IBC 1007.9) - DELAYED EMERGENCY EXIT DOORS (IBC 1008.1.9) - KEY LOCKS ON EGRESS SIDE OF DOORS (IBC 1008.1.9) - EXIT SIGNAGE (IBC 1011.1) - FLOOR IDENTIFICATION (IBC 1022.8)
- ACCESSIBILITY ELEMENTS AND DIRECTIONAL SIGNAGE (IBC 1110) - ELEVATOR EMERGENCY SIGNS (IBC 3002.3)

OCC TYPE: E

FACTOR: 20 LOAD: 49

NOTE THAT THE EXISTING STAFF RESTROOMS ON THE GROUND FLOOR ARE CONSIDERED COMPLIANT WITH THE AMERICAN WITH DISABILITIES ACT TITLE III -SAFE HARBOR EXCEPTION FOR MEETING THE REQUIREMENTS OF ANSI A117.1-1991 AS MODIFIED AND CODIFIED BY CHAPTER 11 OF THE 1990 OSSC. THESE RESTROOMS ARE CONNECTED BY A COMPLIANT ACCESSIBLE ROUTE FROM ALL ALTERED AREAS WITHIN THIS PROJECT.

ORS 447.241 (25% ADA RULE) COMPLIANCE

EVERY PROJECT FOR RENOVATION, ALTERATION OR MODIFICATION TO AFFECTED

BUILDINGS AND RELATED FACILITIES THAT AFFECTS OR COULD AFFECT THE USABILITY OF

THAT, TO THE MAXIMUM EXTENT FEASIBLE, THE PATHS OF TRAVEL TO THE ALTERED AREA

OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION SHALL BE MADE TO INSURE

AND THE RESTROOMS, TELEPHONES AND DRINKING FOUNTAINS SERVING THE ALTERED

UNLESS SUCH ALTERATIONS ARE DISPROPORTIONATE TO THE OVERALL ALTERATIONS IN

EXISTING NON-COMPLIANT ITEMS WITHIN THE PATH OF TRAVEL TO THE AFFECTED AREA(S)

NEW ACCESSIBLE PARKING SIGNAGE & PAVING MARKINGS TO MEET

CURRENT REQUIREMENTS AT EXISTING ADA PARKING ACCESS AISLE

OR ELEMENTS SERVING THE ALTERED AREA PROPOSED TO BE REMEDIATED WITHIN THIS

(ODOT - STANDARDS FOR ACCESSIBLE PARKING - 2018)

AREA ARE READILY ACCESSIBLE TO AND USEABLE BY INDIVIDUALS WITH DISABILITIES,

A. WHERE RATED ASSEMBLIES ARE SHOWN ON THE FLS PLAN, PROVIDE A UL OR GA LISTED RATED ASSEMBLY TO MEET THE FIRE RATING REQUIREMENTS TO THE ARCHITECT FOR

213

971 SF

OCC TYPE: E FACTOR: 20

LOAD: 49

B. PROVIDE A UL OR GA LISTED PERIMETER JOINT ASSEMBLY AND THROUGH PENETRATION FIRE STOP ASSMEMBLY MEETING THE FIRE RATED REQUIREMENT OF THE WALL, FLOOR/CEILING OR ROOF ASSMBLY SHOWN ON THE FLS PLANS.

- THE BUILDING SPACE IS SERVED BY THE MEANS OF EGRESS.
- B. PROVIDE MINIMUM 1 FOOT-CANDLE OF ILLUMINATION AT ALL MEANS OF EGRESS. THE POWER SUPPLY FOR THE MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE BUILDINGS ELECTRICAL SUPPLY. IN THE EVENT OF A POWER FAILURE THE EMERGENCY POWER SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT, OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH 2015 IBC SECTION 2702 AND 2015 IBC SECTION 1006.
- COMPLETION OF TEST FOR THE MEANS OF EGRESS ILLUMINATION LEVEL PER 2015 IBC 1008.2.1, 1008.3 AND EMERGENCY POWER PER 1008.3.5.

FIRE LIFE SAFETY (BY GENERAL CONTRACTOR)

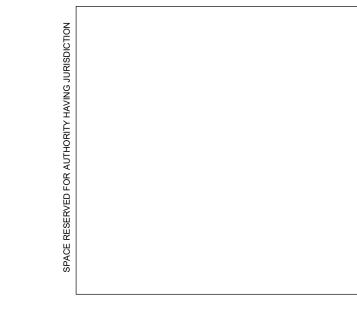
1/16" = 1'-0"

FIRE & LIFE SAFETY PLAN - MAIN LEVEL

THE FOLLOWING ITEMS ARE FIRE LIFE SAFETY REQUIREMENTS TO BE COMPLETED BY THE GENERAL CONTRACTOR. PROVIDE THE APPROPRIATE SUBMITTAL TO THE ARCHITECT FOR REVIEW AND COORDINATION PRIOR TO SUBMITTING TO THE AUTHOROITY HAVING

DELEGATED DESIGN SUBMITTALS/PERMITS

- ITEMS LISTED AS A DEFERRED SUBMITTAL OR DESIGN BUILD ITEMS ON SHEET G001
- PROVIDE A COMPLETE AND ENGINEERED SYSTEM TO MEET THE DESIGN INTENT CONTAINED WITHIN THESE CONTRACT DOCUMENTS. PROVIDE A SUBMITTAL TO THE ARCHITECT FOR REVIEW OF DESIGN INTENT CONFORMANCE ONLY; THIS REVIEW DOES
- WHERE A LICENSED DESIGN PROFESSIONAL IS REQUIRED BY THE AUTHORITY HAVING JURISDICTION, THE GENERAL CONTRACTOR IS TO SECURE THESE SERVICES AND PROVIDE STAMPED DOCUMENTS TO MEET THE LOCAL REQUIREMENTS FOR A DEFERRED
- ADDITIONAL DEFERRED SUBMITTAL OR PERMIT FEES TO BE PAID BY THE GENERAL



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MICHAEL Muhul Dund

REVISIONS:

CODE SUMMARY

APPLICABLE CODES

ICC/ANSI A117.1 - 2009

STORIES:

SEPARATION:

2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC) 2019 OREGON ZERO ENERGY READY COMMERCIAL CODE (OSSC CHAPTER 13) 2019 OREGON MECHANICAL SPECIALTYCODE (OMSC) 2021 OREGON PLUMBING SPECIALTY CODE (OPSC) 2021 OREGON ELECTRICAL SPECIALTY CODE (OESC) 2019 OREGON FIRE CODE

WASHINGTON COUNTY MUNICIPAL CODE

CONSTRUCTION TYPE & USE (CHAPTERS 3,4 & 5)

NON-SEPARATED

FIRE-RESISTANT RATING REQUIREMENTS (CHAPTER 6)

BUILDING OCCUPANCY: E (EDUCATION) CONSTUCTION TYPE: V-B (SPRINKLERED) 2 ABOVE GRADE

PRIMARY STRUCTURAL FRAME: 0 HOURS BEARING WALLS: 0 HOURS EXTERIOR: INTERIOR: 0 HOURS NON BEARING WALLS AND PARTITIONS SEE SHELL FLS PLANS EXTERIOR: INTERIOR: 0 HOUR FLOOR CONSTRUTION 0 HOURS 0 HOURS ROOF CONSTRUCTION:

INTERIOR FINISHES (CHAPTER 8)

ALL INTERIOR AND CEILING FINISH MATERIALS TO BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL 723 AND MEET THE FOLLOWING SMOKE-DEVELOPED INDEXES AS REQUIRED BY TABLE 803.9 BELOW:

INTERIOR EXIT STAIRWAYS, EXIT RAMPS AND EXIT PASSAGEWAYS: CORRIDORS AND ENCLOSUES FOR EXIT STAIRWAYS AND RAMPS: CLASS B ROOMS AND ENCLOSED SPACES: CLASS C

MEANS OF EGRESS (CHAPTER 10)

1006.2.1 NUMBER OF EXITS: MORE THAN ONE EXIT IS REQUIRED FROM EACH SPACE IF THE OVERALL OCCUPANT LOAD IS GREATER THAN 49

1006.2.1 COMMON PATH OF EGRESS TRAVEL: THE MAXIMUM COMMON PATH OF EGRESS TRAVEL FOR OCCUPANCY GROUPS E SHALL NOT BE MORE THAN **75 FEET** WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 903.3.1.1

1007.1.1 EXIT DISTANCE: WHERE TWO EXITS ARE REQUIRED, THE SEPARATION DISNACE SHALL NOT BE LESS THAN 1/3RD THE DIAGONAL WITH AN AUTOMATIC SPRINKLER

1016.2 EXIT TRAVEL DISTANCE: MAXIMUM TRAVEL DISTANCE FOR OCCUPANCY E, SPRINKLERED: 250'

LEGEND - FLS PLANS

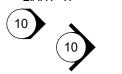
NOTE: PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS INDICATED BELOW:

1 HOUR FIRE PARTITION - 45 MINUTE DOOR 1 HOUR FIRE BARRIER - 60 MINUTE DOOR — — — — 2 HOUR FIRE BARRIER - 90 MINUTE DOOR 3 HOUR FIRE BARRIER - 20 MINUTE DOOR

EGRESS PATH OF TRAVEL WITH MINIMUM CLEARANCE WIDTH

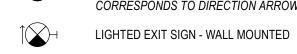
INDICATED. PROVIDE MINIMUM ILLUMINATION FOR EXITING. - C.P. X'-X" - COMMON PATH OF EGRESS TRAVEL (OSSC 1014.3)

 $\vdash - \overline{E.A. X' - X'' - - -} = EXIT ACCESS DISTANCE (OSSC 1016)$



OCCUPANT LOAD AT OPENING CUMMALTIVE OCCUPANT LOAD AT OPENING

LIGHTED EXIT SIGN - CEILING MOUNTED SHADING INDICATES LIGHTED FACE(S), DIRECTION ARROW CORRESPONDS TO DIRECTION ARROW ON SIGN



LIGHTED EXIT SIGN - EXISTING TO REMAIN

FIRE EXTINGUISHER CABINET - COORDINATE LOCATION WITH FIRE MARSHAL

S

FIRE & LIFE SAFETY PLAN -

21005.02

11/10/2022

PROJECT:

DATE:

G122

MAIN LEVEL

REMOVAL OF DOOR LEAVES AT EXISTING STUDENT RESTROOMS (404.2 -MANUAL DOORS) INSTALLATION OF STAIR LEVEL IDENTIFICATION SIGNAGE AT EXISTING STAIRWAYS WITHIN THE ALTERED AREA (504.9) INSTALLATION OF THIRD VERITCAL GRAB BAR IN EXISTING ACCESSIBLE TOILET COMPARTMENTS (604.5.1)

FOLLOWING COMPLETION OF THIS PROJECT, NO ADDITIONAL BARRIERS ARE KNOWN WITHIN THE PROJECT AREA SUBJECT TO ORS 447.241. D. OREGON FIRE CODE - BASED ON THE INTERNATIONAL FIRE CODE (IFC)

(E) ELEVATOR -

- PREMISES IDENTIFICATION (IFC 505.1) - FIRE PROTECTION EQUIPMENT SIGNS (IFC 509.1) - ELECTRICAL CONTROL ROOMS (IFC 605.3.1) - FIRE DOORS (IFC 703.2.1) - FIRE DEPARTMENT CONNECTIONS (IFC 912.4)

- NO SMOKING (IFC 310.3)

RATED ASSEMBLIES

- C. PROVIDE A SUBMITTAL CUTSHEET TO THE ARCHITECT OF EACH SELECTED FIRE RESISTANT ASSEMBLY PRIOR TO INSTALLATION.

EMERGENCY LIGHTING REQUIREMENTS

- A. MEANS OF EGRESS, INCLUDING EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES
- C. PRIOR TO FINAL INSPECTION, SUBMIT DOCUMENTATION SUBSTANTIATING THE

- REQUIRE ENGINEERING TO BE PROVIDED BY THE GENERAL CONTRACTOR.
- NOT CONSTITUTE A PROFESSIONAL PEER REVIEW OF THE SYSTEMS SUBMITTED.
- SUBMITTAL OR SEPARATE PERMIT.

0 HOURS 0 HOURS 0 HOURS

SEE SHELL FLS PLANS EXTERIOR: INTERIOR: 0 HOUR FLOOR CONSTRUTION 0 HOURS 0 HOURS ROOF CONSTRUCTION

INTERIOR FINISHES (CHAPTER 8)

ALL INTERIOR AND CEILING FINISH MATERIALS TO BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL 723 AND MEET THE FOLLOWING SMOKE-DEVELOPED INDEXES AS REQUIRED BY TABLE 803.9 BELOW:

INTERIOR EXIT STAIRWAYS, EXIT RAMPS AND EXIT PASSAGEWAYS: CLASS A CORRIDORS AND ENCLOSUES FOR EXIT STAIRWAYS AND RAMPS: CLASS B ROOMS AND ENCLOSED SPACES: CLASS C

MEANS OF EGRESS (CHAPTER 10)

1006.2.1 COMMON PATH OF EGRESS TRAVEL: THE MAXIMUM COMMON PATH OF EGRESS TRAVEL FOR OCCUPANCY GROUPS E SHALL NOT BE MORE THAN **75 FEET** WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 903.3.1.1

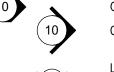
1007.1.1 EXIT DISTANCE: WHERE TWO EXITS ARE REQUIRED, THE SEPARATION DISNACE SHALL NOT BE LESS THAN 1/3RD THE DIAGONAL WITH AN AUTOMATIC SPRINKLER

1016.2 EXIT TRAVEL DISTANCE: MAXIMUM TRAVEL DISTANCE FOR OCCUPANCY E,

LEGEND - FLS PLANS

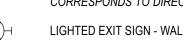
F - - C.P. X' - X" - - - COMMON PATH OF EGRESS TRAVEL (OSSC 1014.3)

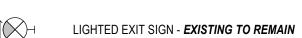
OCCUPANT LOAD AT OPENING

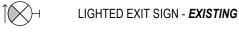


CUMMALTIVE OCCUPANT LOAD AT OPENING









FIRE EXTINGUISHER CABINET - COORDINATE LOCATION WITH F.E.C FIRE MARSHAL

CODE SUMMARY

APPLICABLE CODES

2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC) 2019 OREGON ZERO ENERGY READY COMMERCIAL CODE (OSSC CHAPTER 13) 2019 OREGON MECHANICAL SPECIALTYCODE (OMSC) 2021 OREGON PLUMBING SPECIALTY CODE (OPSC) 2021 OREGON ELECTRICAL SPECIALTY CODE (OESC) 2019 OREGON FIRE CODE ICC/ANSI A117.1 - 2009

WASHINGTON COUNTY MUNICIPAL CODE

CONSTRUCTION TYPE & USE (CHAPTERS 3,4 & 5)

BUILDING OCCUPANCY: E (EDUCATION) CONSTUCTION TYPE: STORIES: SEPARATION: NON-SEPARATED

FIRE-RESISTANT RATING REQUIREMENTS (CHAPTER 6)

PRIMARY STRUCTURAL FRAME: BEARING WALLS: FXTFRIOR INTERIOR: NON BEARING WALLS AND PARTITIONS:

1006.2.1 NUMBER OF EXITS: MORE THAN ONE EXIT IS REQUIRED FROM EACH SPACE IF THE OVERALL OCCUPANT LOAD IS GREATER THAN 49

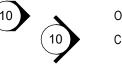
SPRINKLERED: 250'

NOTE: PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS

INDICATED BELOW: •••••• 1/2 HOUR FIRE PARTITION - 20 MINUTE DOOR 1 HOUR FIRE PARTITION - 45 MINUTE DOOR 1 HOUR FIRE BARRIER - 60 MINUTE DOOR — — — — 2 HOUR FIRE BARRIER - 90 MINUTE DOOR 3 HOUR FIRE BARRIER - 20 MINUTE DOOR / / / EGRESS PATH OF TRAVEL WITH MINIMUM CLEARANCE WIDTH

/// INDICATED. PROVIDE MINIMUM ILLUMINATION FOR EXITING.

F.A. X' - X" - - - EXIT ACCESS DISTANCE (OSSC 1016)





LIGHTED EXIT SIGN - WALL MOUNTED



ASSROOM IS INW SALTZMAN RD PROJECT:

DATE:

CHO

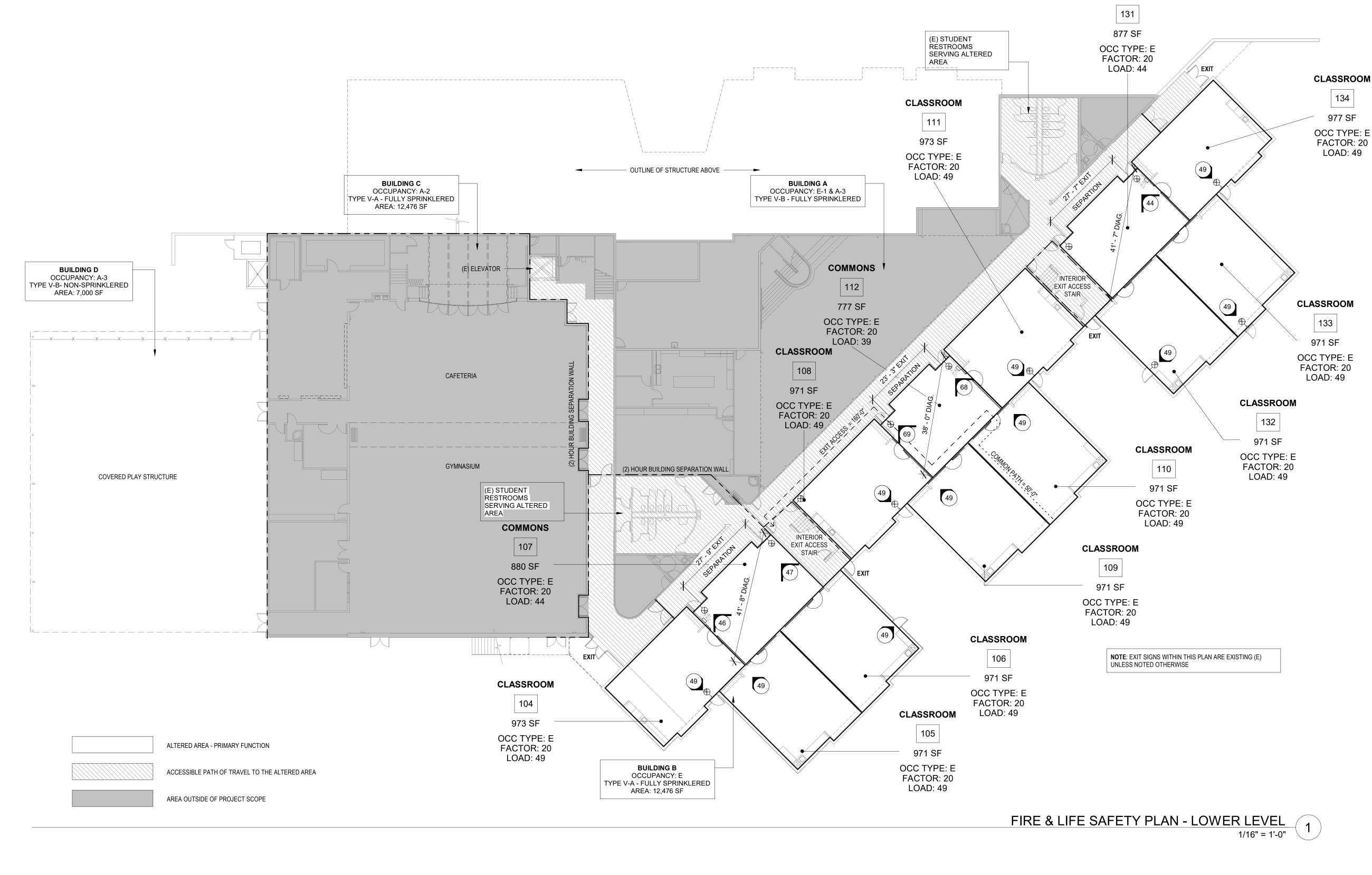
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FIRE & LIFE SAFETY PLAN -LOWER LEVEL

21005.02

11/10/2022



ORS 447.241 (25% ADA RULE) COMPLIANCE

EVERY PROJECT FOR RENOVATION. ALTERATION OR MODIFICATION TO AFFECTED BUILDINGS AND RELATED FACILITIES THAT AFFECTS OR COULD AFFECT THE USABILITY OF OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION SHALL BE MADE TO INSURE THAT, TO THE MAXIMUM EXTENT FEASIBLE, THE PATHS OF TRAVEL TO THE ALTERED AREA AND THE RESTROOMS. TELEPHONES AND DRINKING FOUNTAINS SERVING THE ALTERED AREA ARE READILY ACCESSIBLE TO AND USEABLE BY INDIVIDUALS WITH DISABILITIES, UNLESS SUCH ALTERATIONS ARE DISPROPORTIONATE TO THE OVERALL ALTERATIONS IN TERMS OF COST AND SCOPE.

EXISTING NON-COMPLIANT ITEMS WITHIN THE PATH OF TRAVEL TO THE AFFECTED AREA(S) OR ELEMENTS SERVING THE ALTERED AREA PROPOSED TO BE REMEDIATED WITHIN THIS PROJECT SCOPE INCLUDE:

- NEW ACCESSIBLE PARKING SIGNAGE & PAVING MARKINGS TO MEET CURRENT REQUIREMENTS AT EXISTING ADA PARKING ACCESS AISLE (ODOT - STANDARDS FOR ACCESSIBLE PARKING - 2018)
- REMOVAL OF DOOR LEAVES AT EXISTING STUDENT RESTROOMS (404.2 -INSTALLATION OF STAIR LEVEL IDENTIFICATION SIGNAGE AT EXISTING STAIRWAYS WITHIN THE ALTERED AREA

FOLLOWING COMPLETION OF THIS PROJECT, NO ADDITIONAL BARRIERS ARE KNOWN WITHIN THE PROJECT AREA SUBJECT TO ORS 447.241.

NOTE THAT THE EXISTING STAFF RESTROOMS ON THE GROUND FLOOR ARE CONSIDERED COMPLIANT WITH THE AMERICAN WITH DISABILITIES ACT TITLE III -SAFE HARBOR EXCEPTION FOR MEETING THE REQUIREMENTS OF ANSI A117.1-1991 AS MODIFIED AND CODIFIED BY CHAPTER 11 OF THE 1990 OSSC. THESE RESTROOMS ARE CONNECTED BY A COMPLIANT ACCESSIBLE ROUTE FROM ALL ALTERED AREAS WITHIN THIS PROJECT.

CODE REQUIRED SIGANGE

- A. PROVIDE REQUIRED CODE REQUIRED SIGNAGE AS PRESCRIBED BY THE OREGON STRUCTURAL SPECIALTY CODE AND THE INTERNATIONAL FIRE CODE. COORDINATE LOCATION WITH ARCHITECT AND AUTHORITY HAVING JURISDICTION PRIOR TO
- B. THE FOLLOWING ITEMS ARE TYPICALLY PROVIDED BY THE GENERAL CONTRACTOR, BUT MAY NOT EXHAUSTIVE OF ALL UNIQUE PROJECT REQUIREMENTS. COORDINATE EXTENT OF CODE REQUIRED SIGNAGE WITHIN THIS PROJECT WITH ARCHITECT OF RECORD PRIOR TO SUBSTANTIAL COMPLETION. MATCH ANY DISTRICT STANDARDS OR EXISTING BUILDING STANDARDS FOR CODE REQUIRED SIGNAGE.
- C. OREGON SPECIALTY STRUCTURAL CODE BASED ON THE INTERNATIONAL BUILDING CODE (IBC)

- OCCUPANT LOAD (1004.3) - TWO-WAY COMMUNICATION DEVICES (IBC 1007.8.2) - AREAS OF REFUGE (IBC 1007.9) - DELAYED EMERGENCY EXIT DOORS (IBC 1008.1.9) - KEY LOCKS ON EGRESS SIDE OF DOORS (IBC 1008.1.9) - EXIT SIGNAGE (IBC 1011.1) - FLOOR IDENTIFICATION (IBC 1022.8) - ACCESSIBILITY ELEMENTS AND DIRECTIONAL SIGNAGE (IBC 1110) - ELEVATOR EMERGENCY SIGNS (IBC 3002.3)

D. OREGON FIRE CODE - BASED ON THE INTERNATIONAL FIRE CODE (IFC)

- NO SMOKING (IFC 310.3) - PREMISES IDENTIFICATION (IFC 505.1) - FIRE PROTECTION EQUIPMENT SIGNS (IFC 509.1) - ELECTRICAL CONTROL ROOMS (IFC 605.3.1) - FIRE DOORS (IFC 703.2.1) - FIRE DEPARTMENT CONNECTIONS (IFC 912.4)

RATED ASSEMBLIES

- A. WHERE RATED ASSEMBLIES ARE SHOWN ON THE FLS PLAN, PROVIDE A UL OR GA LISTED RATED ASSEMBLY TO MEET THE FIRE RATING REQUIREMENTS TO THE ARCHITECT FOR
- B. PROVIDE A UL OR GA LISTED PERIMETER JOINT ASSEMBLY AND THROUGH PENETRATION FIRE STOP ASSMEMBLY MEETING THE FIRE RATED REQUIREMENT OF THE WALL, FLOOR/CEILING OR ROOF ASSMBLY SHOWN ON THE FLS PLANS.
- C. PROVIDE A SUBMITTAL CUTSHEET TO THE ARCHITECT OF EACH SELECTED FIRE RESISTANT ASSEMBLY PRIOR TO INSTALLATION.

EMERGENCY LIGHTING REQUIREMENTS

- A. MEANS OF EGRESS, INCLUDING EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE IS SERVED BY THE MEANS OF EGRESS.
- B. PROVIDE MINIMUM 1 FOOT-CANDLE OF ILLUMINATION AT ALL MEANS OF EGRESS. THE POWER SUPPLY FOR THE MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE BUILDINGS ELECTRICAL SUPPLY. IN THE EVENT OF A POWER FAILURE, THE EMERGENCY POWER SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES. UNIT EQUIPMENT, OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH 2015 IBC SECTION 2702 AND 2015 IBC SECTION 1006.
- C. PRIOR TO FINAL INSPECTION. SUBMIT DOCUMENTATION SUBSTANTIATING THE COMPLETION OF TEST FOR THE MEANS OF EGRESS ILLUMINATION LEVEL PER 2015 IBC 1008.2.1, 1008.3 AND EMERGENCY POWER PER 1008.3.5.

DELEGATED DESIGN SUBMITTALS/PERMITS

FIRE LIFE SAFETY (BY GENERAL CONTRACTOR)

THE FOLLOWING ITEMS ARE FIRE LIFE SAFETY REQUIREMENTS TO BE COMPLETED BY THE

REVIEW AND COORDINATION PRIOR TO SUBMITTING TO THE AUTHOROITY HAVING

GENERAL CONTRACTOR. PROVIDE THE APPROPRIATE SUBMITTAL TO THE ARCHITECT FOR

A. ITEMS LISTED AS A DEFERRED SUBMITTAL OR DESIGN BUILD ITEMS ON SHEET G001 REQUIRE ENGINEERING TO BE PROVIDED BY THE GENERAL CONTRACTOR.

COMMONS

- B. PROVIDE A COMPLETE AND ENGINEERED SYSTEM TO MEET THE DESIGN INTENT CONTAINED WITHIN THESE CONTRACT DOCUMENTS. PROVIDE A SUBMITTAL TO THE ARCHITECT FOR REVIEW OF DESIGN INTENT CONFORMANCE ONLY; THIS REVIEW DOES NOT CONSTITUTE A PROFESSIONAL PEER REVIEW OF THE SYSTEMS SUBMITTED.
- JURISDICTION, THE GENERAL CONTRACTOR IS TO SECURE THESE SERVICES AND PROVIDE STAMPED DOCUMENTS TO MEET THE LOCAL REQUIREMENTS FOR A DEFERRED SUBMITTAL OR SEPARATE PERMIT. ADDITIONAL DEFERRED SUBMITTAL OR PERMIT FEES TO BE PAID BY THE GENERAL

CONTRACTOR.

WHERE A LICENSED DESIGN PROFESSIONAL IS REQUIRED BY THE AUTHORITY HAVING

REVISIONS:

GENERAL NOTES - FLOOR PLAN

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER
- C. REFER TO SHEET A800 FOR TYPICAL PARTITION DETAILS AND TYPES INCLUDING STUD FRAMING AND HEADER REQUIREMENTS.
- D. REFER TO SHEET A800 FOR REQUIRED USE OF MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD LOCATIONS.
- E. DIMENSIONS ARE TO FACE OF WALL/FINISH UNLESS OTHERWISE NOTED. ADVISE ARCHITECT IN WRITING OF ANY DISCREPANCIES PARTICUALY OF STATED INTEIROR
- F. WHERE DIMENSIONS ARE LISTED AS 'CRITICAL CLEAR' THESE DIMENSIONS MUST ABSULUTELY BE HELD FOR ADA OR EGRESS COMPLIANCE. DIMENSIONS LISTED WITH '+/-' TYPICALLY HAVE SOME CONSTRUCTION TOLERANCE.
- H. ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER
- I. PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.

KEYED NOTES - PROJECT SCOPE

- 1 ALIGN FACE OF ADJACENT FINISHES, TYPICAL.
- 2 SEE TYPICAL ENLARGED PLANS AND KEYNOTES FOR SCOPE WTIHIN THIS AREA. 3 PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL.
- 4 DEMOLISH EXISTING OPERABLE PARTITION. GC TO RECYCLE IF POSSIBLE. EXISTING HEADTRACK TO REMAIN. FIELD VERIFY HEADTRACKS PRIOR TO INSTALLATION OF NEW
- 5 PROVIDE 2X WOOD BLOCKING FOR FUTURE WALL MOUNTED BOARD (CFCI) ALONG ENTIRE LENGTH OF THIS WALL. SEE TYPICAL ELEVATION AND BLOCKING DETAIL. 7 INSTALL (N) 18" VERTICAL GRAB BAR AT EXISTING ACCESSIBLE RESTROOM OR TOILET
- COMPARTMENT. REMOUNT EXISTING TOILET ACCESSSORIES WITHIN THIS AREA TO
- MEET ADA COMPLIANCE; SEE G001 FOR MOUNTING HEIGHTS AND CLEARANCES 8 REMOVE (E) DOOR AND HARDWARE. SEE TYPICAL FOR PATCH AND PAINT REQUIREMENTS.
- 11 PROVIDE STAIR LEVEL IDENTIFICATION SIGN IN RAISED CHARACTERS AND BRAILLE TO MEET THE REQUIREMENTS OF 2009 ICC A117.1 504.9 AT EACH FLOOR LEVEL LANDING ADJACENT OT THE DOOR LEADING FROM THE STAIRWELL INTO THE CORRIDOR TO IDENTIFY THE FLOOR LEVEL. PROVIDE ADDITIONAL SIGN AT STAIRWELL EXIT DOOR STATING 'EXIT.' SIGNS TO MATCH EXISTING CODE REQUIRED SIGNAGE FOR COLOR, SIZE AND FONT WITHIN THE BUILDING.
- 13 PROVIDE TRAFFIC COATING "NO PARKING" MARKING AT EXISTING ADA ACCESS AISLE. 14 PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL, SEE SITE PLAN FOR TYPICAL
- 17 INSTALL OWNER PROVIDED ROOM SIGANGE, TYP. ALL SIGNAGE TO MATCH DISTRICT STANDARD AND SHALL BE CFCI

18 INSTALL NEW 3"x3"x48" STAINLESS STEEL CORNER GUARD, MECHANICALLY FASTENED.

FLOOR PLAN -

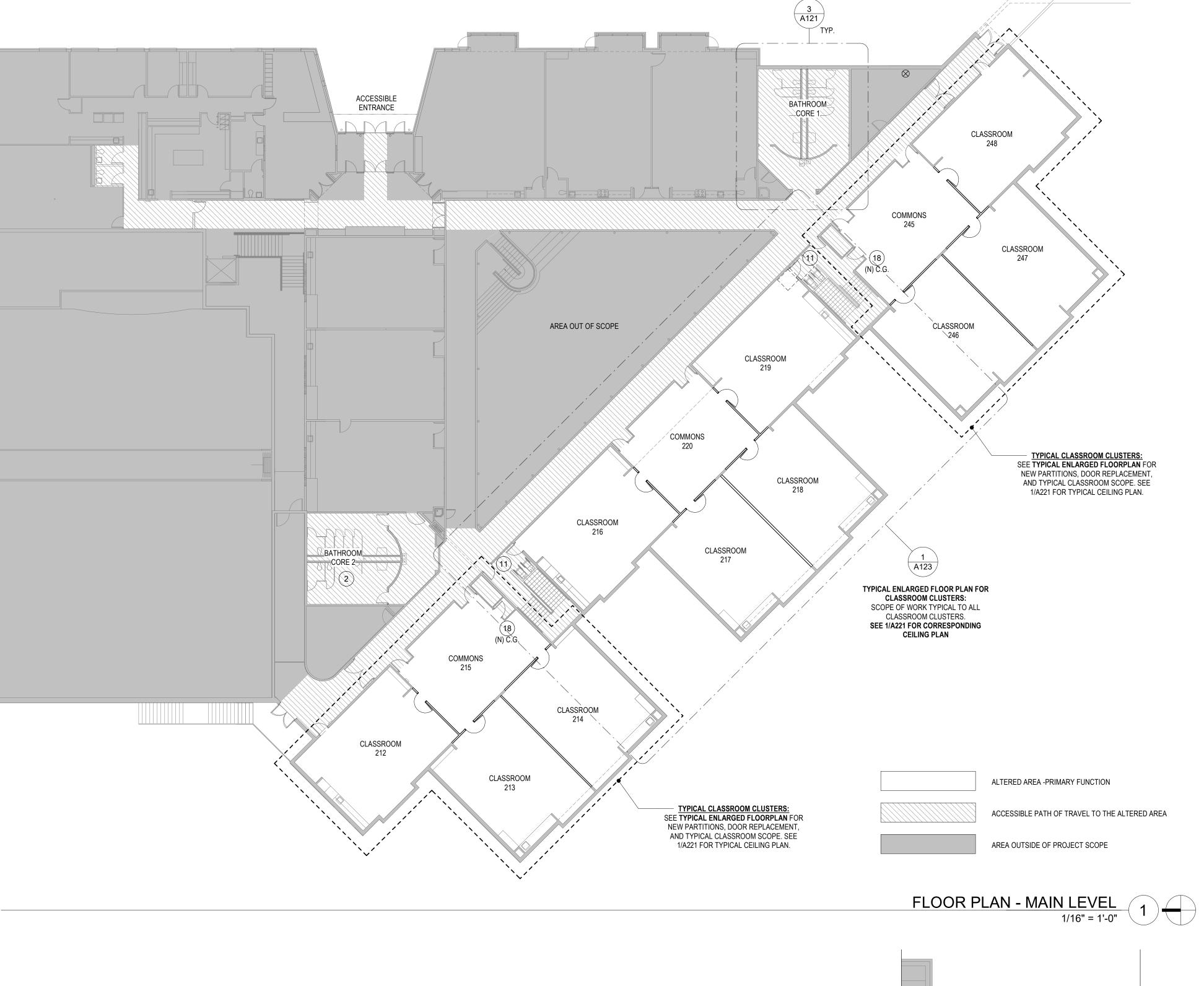
PROJECT:

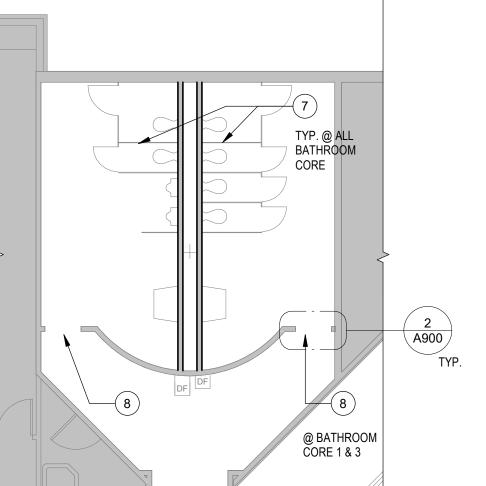
DATE:

MAIN LEVEL

21005.02

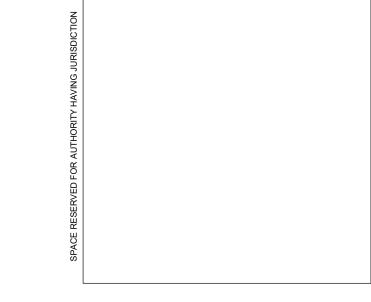
11/10/2022





TYPICAL RESTROOM PLAN
1/8" = 1'-0"
3

FLOOR PLAN - LOWER LEVEL
1/16" = 1'-0"



GENERAL NOTES - FLOOR PLAN

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER
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- AND/OR NEW CONSTRUCTION. H. ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWCI STANDARDS.

G. PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING

- I. PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND
- THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.

KEYED NOTES - PROJECT SCOPE

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- COMPARTMENT. REMOUNT EXISTING TOILET ACCESSSORIES WITHIN THIS AREA TO MEET ADA COMPLIANCE; SEE G001 FOR MOUNTING HEIGHTS AND CLEARANCES
- 8 REMOVE (E) DOOR AND HARDWARE. SEE TYPICAL FOR PATCH AND PAINT REQUIREMENTS.
- 11 PROVIDE STAIR LEVEL IDENTIFICATION SIGN IN RAISED CHARACTERS AND BRAILLE TO MEET THE REQUIREMENTS OF 2009 ICC A117.1 504.9 AT EACH FLOOR LEVEL LANDING ADJACENT OT THE DOOR LEADING FROM THE STAIRWELL INTO THE CORRIDOR TO IDENTIFY THE FLOOR LEVEL. PROVIDE ADDITIONAL SIGN AT STAIRWELL EXIT DOOR STATING 'EXIT.' SIGNS TO MATCH EXISTING CODE REQUIRED SIGNAGE FOR COLOR, SIZE
- AND FONT WITHIN THE BUILDING. 13 PROVIDE TRAFFIC COATING "NO PARKING" MARKING AT EXISTING ADA ACCESS AISLE.
- 14 PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL, SEE SITE PLAN FOR TYPICAL 17 INSTALL OWNER PROVIDED ROOM SIGANGE, TYP. ALL SIGNAGE TO MATCH DISTRICT STANDARD AND SHALL BE CFCI
- 18 INSTALL NEW 3"x3"x48" STAINLESS STEEL CORNER GUARD, MECHANICALLY FASTENED.

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REVISIONS:

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PROJECT: 21005.02 DATE: 11/10/2022

FLOOR PLAN -LOWER LEVEL

KEYED NOTES - PROJECT SCOPE

- 1 ALIGN FACE OF ADJACENT FINISHES, TYPICAL.
- SEE TYPICAL ENLARGED PLANS AND KEYNOTES FOR SCOPE WTIHIN THIS AREA.
- 3 PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL. 4 DEMOLISH EXISTING OPERABLE PARTITION. GC TO RECYCLE IF POSSIBLE. EXISTING HEADTRACK TO REMAIN. FIELD VERIFY HEADTRACKS PRIOR TO INSTALLATION OF NEW
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- INSTALL (N) 18" VERTICAL GRAB BAR AT EXISTING ACCESSIBLE RESTROOM OR TOILET COMPARTMENT. REMOUNT EXISTING TOILET ACCESSSORIES WITHIN THIS AREA TO MEET ADA COMPLIANCE; SEE G001 FOR MOUNTING HEIGHTS AND CLEARANCES
- REMOVE (E) DOOR AND HARDWARE. SEE TYPICAL FOR PATCH AND PAINT REQUIREMENTS.
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- 14 PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL, SEE SITE PLAN FOR TYPICAL
- 17 INSTALL OWNER PROVIDED ROOM SIGANGE, TYP. ALL SIGNAGE TO MATCH DISTRICT
- STANDARD AND SHALL BE CFCI
- 18 INSTALL NEW 3"x3"x48" STAINLESS STEEL CORNER GUARD, MECHANICALLY FASTENED.

FINISH SCHEDULE

NOTE - INSTALL ALL FINISHES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

09 91 00 - PAINTS AND COATINGS

PT-1: MANUFACTURER: RODDA PAINT PRODUCT: UNIQUE II LOW-GLOSS (532001) PRODUCT: WALLFLOWERS RUBBER COVE BASE COLOR: MATCH BUILDING STANDARD FINISH: LOW GLOSS EGGSHELL LOCATIONS: WALL FINISH

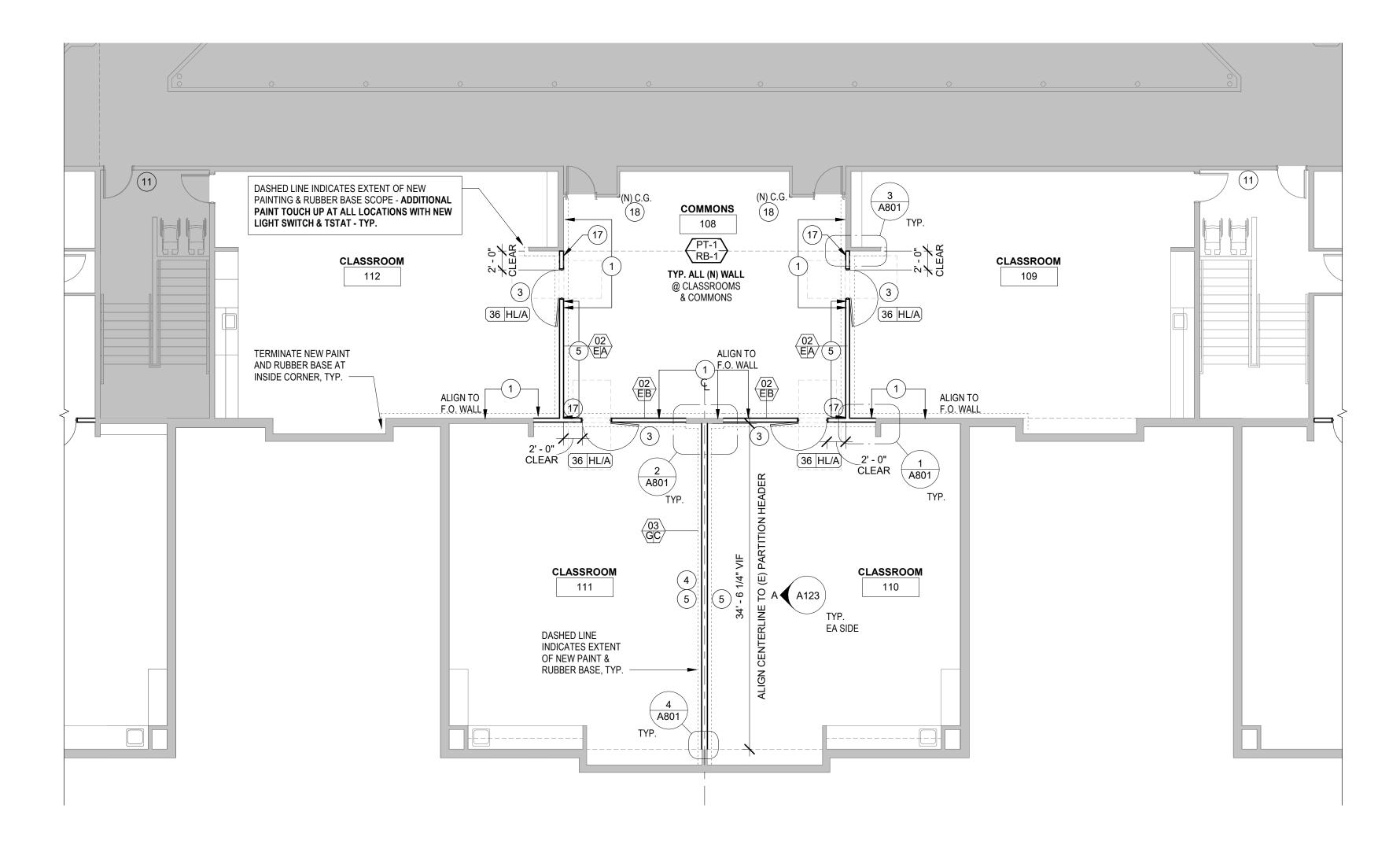
PT-2: MANUFACTURER: RODDA PAINT PRODUCT: MULTI MASTER DTM OR EQUAL COLOR: TBD

09 65 00 - RESILIENT FLOORING & BASE

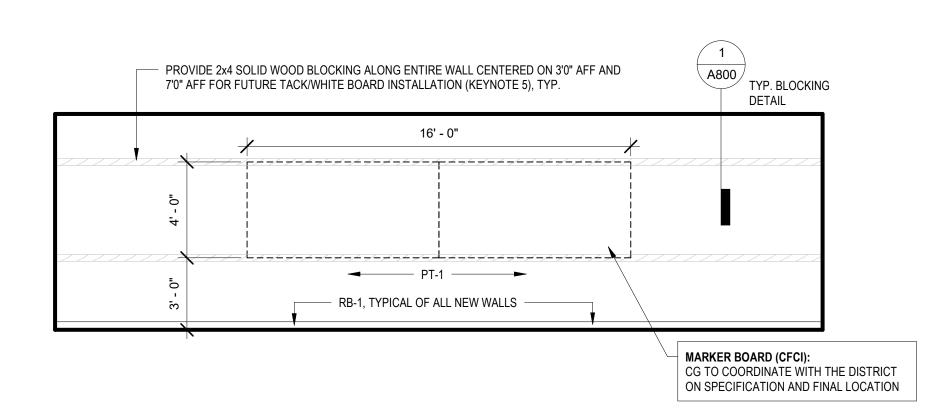
MANUFACTURER: FLEXCO

SIZE: 4" COLOR: BROWN LOCATIONS: AT WALLS WHERE NEW PAINT IS

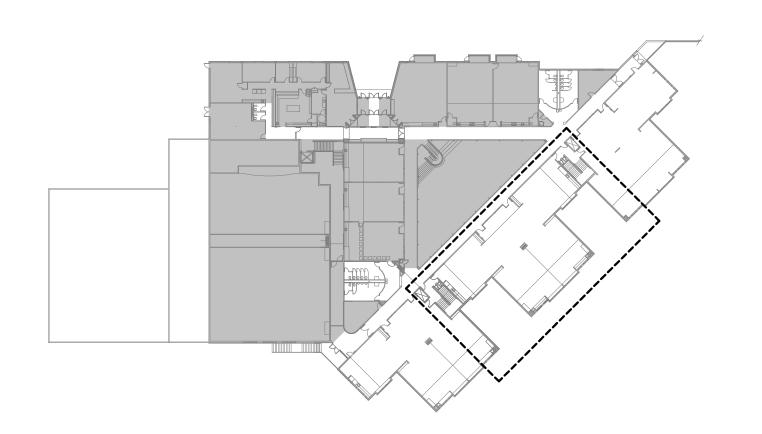
LOCATIONS: DOOR FRAME















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MICHAEL

BARRETT OR No. 5889

REVISIONS:

GENERAL NOTES - FLOOR PLAN

OR CEMENT BACKER BOARD LOCATIONS.

CLEAR DIMENSIONS.

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER JOINT ASSEMBLIES.
- C. REFER TO SHEET A800 FOR TYPICAL PARTITION DETAILS AND TYPES INCLUDING STUD FRAMING AND HEADER REQUIREMENTS.
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- G. PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION.
- H. ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWCI STANDARDS.
- I. PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.

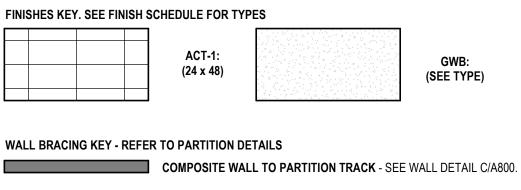
LEGEND - FLOOR PLANS

	WALL TYPE PER ASSEMBLY	STUD SIZE LEGEND		
WALL TAG	(FIA) FBRACING CONDTION	A 7/8" FURRING CHANNEL		
	STUD TYPE PER LEGEND	B 1 1/2" FURRING CHANNEL		
DOOR TAG -		C 1 5/8" METAL STUD		
UNIQUE	102 - DOOR TAG - REFER	D 2 1/2" METAL STUD		
	TO DOOR SCHEDULE	E 3 5/8" METAL STUD		
DOOR TAG -	34 A . DOOR & FRAME TYPE	F 4" METAL STUD		
REPEATABLE	34 A . DOOR & FRAME TYPE SEE SCHEDULE	G 6" METAL STUD		
	DOOR WIDTH	H 8" METAL STUD		
WINDOW TAG	A WINDOW TYPE - SEE	I 2 1/2" C-H SHAFT WALL STU		
	SCHEDULE	J 4" C-H SHAFT WALL STUD		
KEY NOTE	1	K 6" C-H SHAFT WALL STUD		
1121 11012		BRACING CONDITION		

A HEAD @ (E) ACT

B HEAD @ (E) SOFFIT/HEADER C HEAD @ PARTITION TRACK

LIGHTING AND CEILING MATERIALS - LEGEND



BRACED WALL, BELOW GWB HEADER - SEE WALL DETAIL B/A800. **ENERGY SET WALL, BELOW TILE CEILING** - SEE WALL DETAIL A/A800.

EXISTING WALLS

CEILING TAG -CEILING TYPE - SEE SCHEDULE ACT-1

10-0" — -CEILING HEIGHT AFF

LIGHTING & FIXTURE KEY. SEE SPECIFICATIONS AND ELEVATIONS FOR DETAILS LIGHTING TAG - SEE SCHEDULE



LOCATION **D** = DIMABLE **OS** = OCCUPANCY SENSOR 3 = 3-WAY SWITCH

HVAC SYMBOLS. SEE MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILS

CONCTRACTOR TO REPLACE CEILING TILE AND GRID TO THE EXTENT REQUIRED TO ACCOMMODATE NEW DUCT WORK.

NEW RETURN GRILL EXISTING RETURN GRILL

HVAC ELEMENT TO BE DEMOLISHED

EXIT LIGHT (BATTERY BACKUP) -

OUTLET LOCATION - ABOVE
96" CEILING

EXISTING SUPPLY DIFFUSER

PROJECT: 21005.02 DATE: 11/10/2022

CLASSROOM

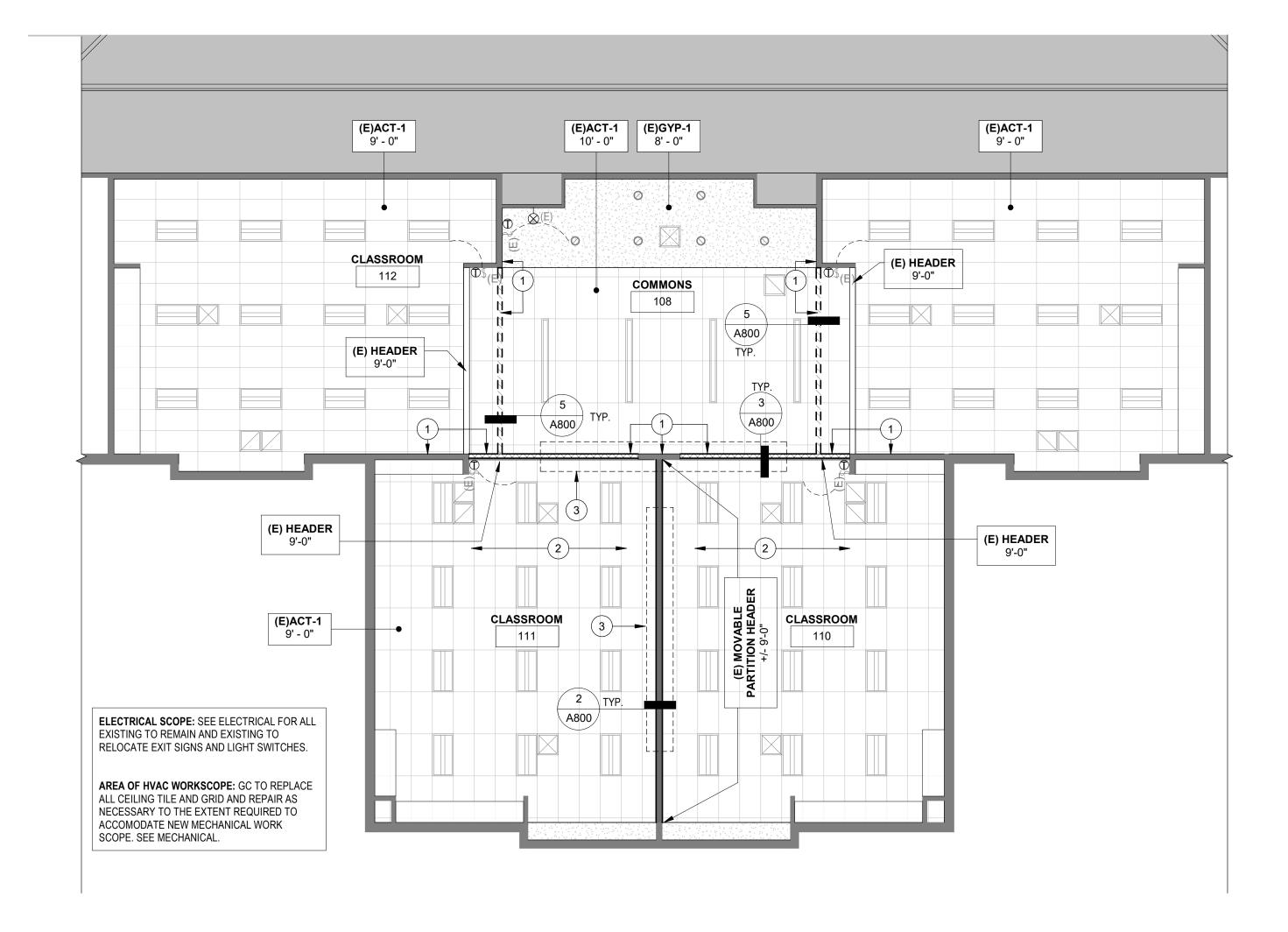
TYPICAL

A123

ENLARGED PLAN -

KEYED NOTES - RCP

- ALIGN FACE OF FINISH.
- AREA OF HVAC WORKSCOPE: NEW TERMINAL UNIT IN THIS AREA. SEE MECHANICAL FOR TYPICAL LOCATION.
- GC TO PATCH BACK ALL PENETRATION AROUND NEW DUCTING AND/OR EXISTING 3 PENETRATION FOLLOWING HVAC DEMOLITION. SEE MECHANICAL FOR TYPICAL LOCATION AND SCOPE.



TYPICAL ENLARGED CEILING PLAN





REVISIONS:

GENERAL NOTES - REFLECTED CEILING PLANS

- A. LIGHTING SHOWN IS FOR DESIGN INTENT ONLY. THE GENERAL CONTRACTOR IS REQUIRED TO PROVIDE A COMPLETE LIGHTING SYSTEM THAT MEETS ALL LOCAL REGULATORY CODES. REFER TO G001 FOR DESIGN BUILD REQUIREMENTS, G101 FOR EMERGENCY LIGHTING REQUIREMENTS AND THE LOCAL ENERGY CODE FOR DAYLIGHT ZONE REQUIREMENTS.
- SPECIFICATION OF LUMENS AND/OR LIGHT LEVELS IS DESIGN/BUILD. IN GENERAL, PROVIDE LIGHT LEVELS TO MATCH THE ILLUMINATED ENGINEERING SOCIETY (IES) LIGHTING HANDBOOK RECOMMENDATIONS.
- CONFIRM AND PROVIDE EMERGENCY EGRESS LIGHTING OF A MINIMUM 1 FC AT ALL TIMES ALONG EGRESS PATHS. COORDINATE SWITCHING, GENERATOR POWER OR BATTERY BACKUP OF ALL LIGHT FIXTURES.
- B. DESIGN REQUIREMENT FOR ALL CEILINGS MUST MEET THE REQUIREMENTS OF THE 2015 INTERNATIONAL BUILDING CODE FOR SEISMIC CATEGORIES D, E & F, ASCE 7-02, OR-05, OR CISCA RECORDATION FOR SEISMIC ZONES 3 & 4 OR TO THE LOCAL REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. SEE GENERAL NOTES ON A810 FOR DESIGN REQUIREMENTS.
- C. COORDINATE ALL SWITCHING WITH OWNER FOR PREFERRED LOCATIONS.
- 1. ALL OFFICES AND INDIVIDUAL ROOMS TO BE SWITCHED INDEPENDENTLY. PROVIDE AN OCCUPANCY SENSOR TO ALL ENCLOSED ROOMS.
- COORDINATE OPEN AREA SWITCHING WITH THE TENANT FOR PREFERRED LOCATIONS.
- COORDINATE FINAL LOCATION OF PENDANTS WITH FURNITURE. VERIFY LOCATION WITH OWNER OR DESIGNER PRIOR TO FINAL PLACEMENT.
- WHERE ACCENT LIGHTING IS DESIGNATED, SEPARATE SWITCHING IS PROPOSED
- D. CENTER ALL FIXTURES AND SPRINKLER HEADS WITHIN CEILING TILES, ALIGN RECESSED FIXTURES AND SPRINKLER SYSTEMS.

AND DESIGNATED BY DASHED LINES WITHIN THIS DRAWING.

- E. CENTER ALL LIGHTING FIXTURES BETWEEN CEILING GRID OR ADJACENT WALLS, UNLESS INDICATED OTHERWISE.
- F. WHERE LIGHTING FIXTURES ARE PROPOSED WITHIN ROOMS WITH AN OPEN CEILING, PROVIDE SUFFICIENT SUPPORT SUCH AS UNISTRUT OR TIE WIRES TO SUSPEND FIXTURES AT 9'-6" AFF UNLESS NOTED OTHERWISE.
- G. WITHIN NON-ACT CEILINGS (I.E. HARDLID), PROVIDE THE FOLLOWING:

HVAC GRILLS: ACCESS PANELS:

FULLY CONCEALED, COLOR TO MATCH CEILING LINEAR DIFFUSERS AND RETURNS FULLY FLUSH RECESSED

- H. WHERE CEILINGS RECEIVE A FINISH OTHER THAN WHITE PAINT OR MANUFACTURER'S ACT, PROVIDE WALL MOUNTED STROBES, HORNS, EGRESS SIGNS OR OTHER CODE REQUIRED
- I. SEE SECTION 01 91 13 GENERAL COMMISSIONING REQUIREMENTS FOR MECHANICAL AND

LIGHTING AND CEILING MATERIALS - LEGEND

(24 x 48)

FINISHES KEY. SEE FINISH SCHEDULE FOR TYPES

CONTROL SCOPE TO BE COMMISSIONED.

GWB: (SEE TYPE) CHOOL

WALL BRACING KEY - REFER TO PARTITION DETAILS

EXISTING WALLS

COMPOSITE WALL TO PARTITION TRACK - SEE WALL DETAIL C/A800.

BRACED WALL, BELOW GWB HEADER - SEE WALL DETAIL B/A800.

ENTIRE SEE WALL DETAIL A/A800.

CEILING TAG

- CEILING TYPE - SEE SCHEDULE ACT-1 10-0" -

- CEILING HEIGHT AFF

LIGHTING & FIXTURE KEY. SEE SPECIFICATIONS AND ELEVATIONS FOR DETAILS

LIGHTING TAG - SEE SCHEDULE

EXISTING LINEAR **EXISTING TROFFER** PENDANT - 96" FIXTURE - 2 x 4

EXISTING RECESSED

① THERMOSTAT
SEE MECHANICAL

SWITCH EXIT LIGHT (BATTERY BACKUP) LOCATION ⊗⊣ EXISTING NEW/RELOCATED

D = DIMABLE OS = OCCUPANCY SENSOR 3 = 3-WAY SWITCH

OUTLET LOCATION - ABOVE
96" CEILING

HVAC SYMBOLS. SEE MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILS CONCTRACTOR TO REPLACE CEILING TILE AND GRID TO THE EXTENT REQUIRED TO ACCOMMODATE NEW DUCT WORK.

NEW RETURN GRILL

EXISTING RETURN GRILL

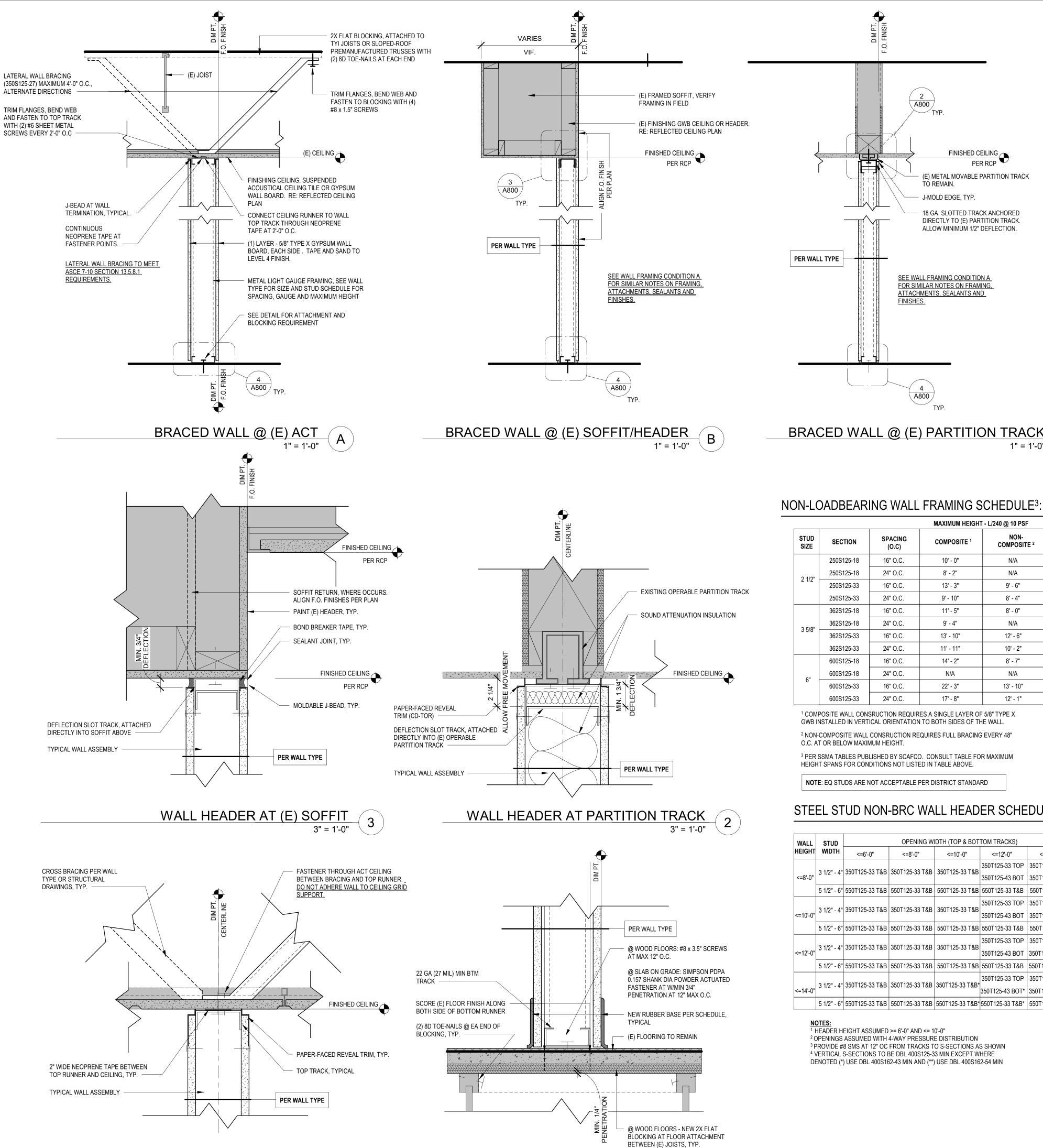
EXISTING SUPPLY DIFFUSER

HVAC ELEMENT TO BE

DEMOLISHED

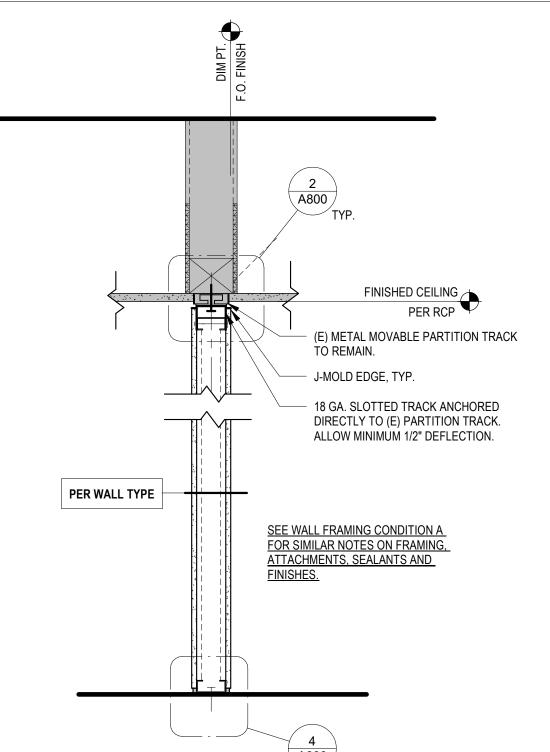
PROJECT: 21005.02 DATE: 11/10/2022 **ENLARGED** TYPICAL CEILING PLAN

S



WALL HEADER AT (E) ACT
3" = 1'-0"

5



BRACED WALL @ (E) PARTITION TRACK

			MAXIMUM HEIGHT - L/240 @ 10 PSF			
STUD SIZE	SECTION	SPACING (O.C)	COMPOSITE 1	NON- COMPOSITE ²		
	250S125-18	16" O.C.	10' - 0"	N/A		
0.4/0"	250S125-18	24" O.C.	8' - 2"	N/A		
2 1/2"	250S125-33	16" O.C.	13' - 3"	9' - 6"		
	250S125-33	24" O.C.	9' - 10"	8' - 4"		
	362S125-18	16" O.C.	11' - 5"	8' - 0"		
2 5/01	362S125-18	24" O.C.	9' - 4"	N/A		
3 5/8"	362S125-33	16" O.C.	13' - 10"	12' - 6"		
	362S125-33	24" O.C.	11' - 11"	10' - 2"		
	600S125-18	16" O.C.	14' - 2"	8' - 7"		
CII.	600S125-18	24" O.C.	N/A	N/A		
6"	600S125-33	16" O.C.	22' - 3"	13' - 10"		
	600S125-33	24" O.C.	17' - 8"	12' - 1"		

¹ COMPOSITE WALL CONSRUCTION REQUIRES A SINGLE LAYER OF 5/8" TYPE X GWB INSTALLED IN VERTICAL ORIENTATION TO BOTH SIDES OF THE WALL.

² NON-COMPOSITE WALL CONSRUCTION REQUIRES FULL BRACING EVERY 48" O.C. AT OR BELOW MAXIMUM HEIGHT.

³ PER SSMA TABLES PUBLISHED BY SCAFCO. CONSULT TABLE FOR MAXIMUM HEIGHT SPANS FOR CONDITIONS NOT LISTED IN TABLE ABOVE.

NOTE: EQ STUDS ARE NOT ACCEPTABLE PER DISTRICT STANDARD

STEEL STUD NON-BRC WALL HEADER SCHEDULE

WALL	STUD	OPENING WIDTH (TOP & BOTTOM TRACKS)					
HEIGHT	WIDTH	<=6'-0"	<=8'-0"	<=10'-0"	<=12'-0"	<=14'-0"	
			0507405 00 700	0507405 00 700	350T125-33 TOP	350T125-33 TOP	
<=8'-0"	3 1/2" - 4"	350T125-33 T&B	3501125-33 1&B	350T125-33 T&B	350T125-43 BOT	350T125-43 BOT	
	5 1/2" - 6"	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-43 T&B	
	3 1/2" - 4"	1" 350T125-33 T&B 350T125-33 T&B	0507405 00 700	0507405 00 700	350T125-33 TOP	350T125-33 TOF	
<=10'-0"			350T125-33 T&B	350T125-43 BOT	350T125-54 BOT		
	5 1/2" - 6"	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-43 T&E	
	3 1/2" - 4" 350T125-33 T&B	2507405 22 70 D	2507405 22 70 D	350T125-33 TOP	350T125-33 TOF		
<=12'-0"		3 1/2" - 4" 3501125-33 1&B 3501125-33 1&	3501125-33 1&B	350T125-33 T&B	350T125-43 BOT	350T125-54 BOT	
	5 1/2" - 6"	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-43 T&B	
	3 1/2" - 4" 35		2507405 22 70 D	350T125-33 T&B*	350T125-33 TOP	350T125-33 TOF	
<=14'-0"		3501125-33 I&B	3501125-33 1&B		350T125-43 BOT*	350T125-54 BOT	
	5 1/2" - 6"	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B*	550T125-33 T&B*	550T125-43 T&B	

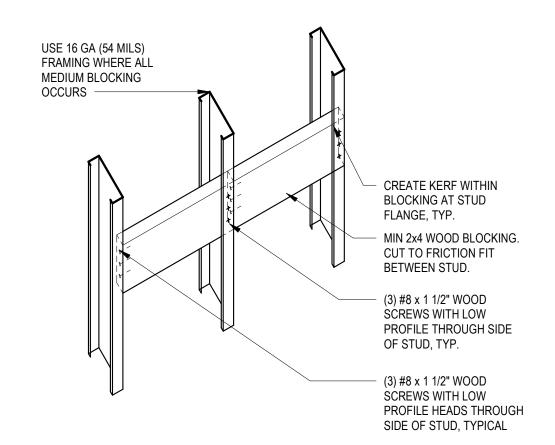
¹ HEADER HEIGHT ASSUMED >= 6'-0" AND <= 10'-0" ² OPENINGS ASSUMED WITH 4-WAY PRESSURE DISTRIBUTION ³ PROVIDE #8 SMS AT 12" OC FROM TRACKS TO S-SECTIONS AS SHOWN ⁴ VERTICAL S-SECTIONS TO BE DBL 400S125-33 MIN EXCEPT WHERE DENOTED (*) USE DBL 400S162-43 MIN AND (**) USE DBL 400S162-54 MIN

(N) PARTITION BASE 4

BLOCKING NOTES:

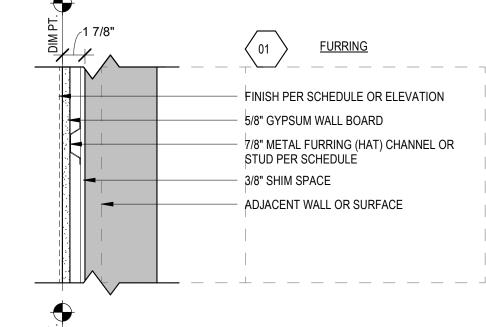
- CONTRACTOR TO COORDINATE WOOD BLOCKING WITH LOCATIONS OF ALL EQUIPMENT OR DEVICES
- EXTEND WOOD BLOCKING ACROSS A MINIMUM OF (3) STUDS, EXTEND FOR FULL LENGTH OF INFILL WALLS U.N.O.
- EXTEND WOOD BLOCKING TO MINIMUM ONE STUD BEYOND EXTENT OF CABINETRY OR WALL-HUNG EQUIPMENT
- KERF WOOD BLOCKING AT STUD FLANGE TO ALIGN F.O. BLOCKING WITH F.O. METAL STUD

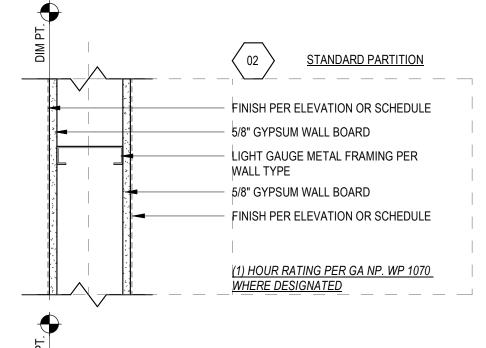
NOTE: CONTRACTOR OPTION TO USE SCAFCO KB- WALL SUPPORT BACKING (KWIK-BACK) BRACKET OR APPROVED EQUAL PER MANUFACTURER INSTRUCTIONS IN LIEU OF DETAIL BELOW.

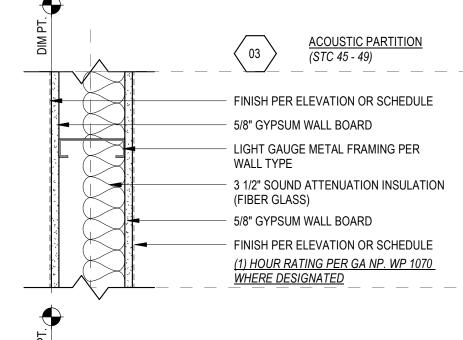


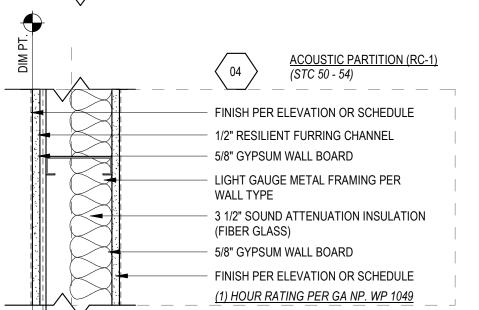
PARTITION - BLOCKING



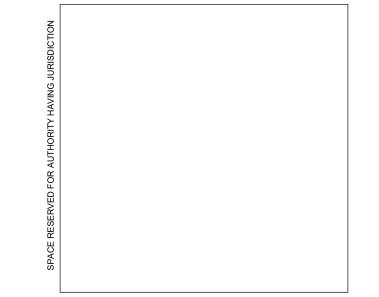








PARTITION TYPES



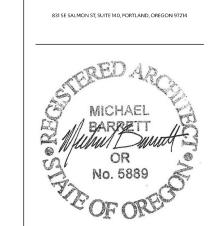
GENERAL NOTES - PARTITIONS

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. PLAN DIMENSION ARE TO THE FINISHED FACE OF PARTITION ASSEMBLY, CENTERLINE OF STRUCTURAL COLUMN, OR TO FACE OF CONCRETE OR CONCRETE MASONRY UNLESS
- C. PROVIDE 5/8" GYPSUM WALL BOARD (GWB), EACH SIDE, ON LIGHT GAUAGE METAL FRAMING AT 16" O.C. AS TYPICAL PARTITION UNLESS NOTED OTHERWISE.
- D. PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT ALL DESIGNATED WET AREAS DEFINED AS 2'-0" BEYOND THE EXTENTS OF THE EDGE ALL PLUMBING FIXTURES, THE BOTTOM 2'-0" ABOVE SLAB IN RESTROOMS AND JANITORS CLOSETS AND OTHER OR AREAS PRONE TO EXPOSED WATER.
- E. PROVIDE 5/8" DENSHEILD TYPE X OR APPROVED EQUIPMENT BEHIND ALL CERAMIC TILE INSTALLATIONS.
- F. SOUND ATTENUATION BLANKET TO BE 3 1/2" IN THICKNESS UNLESS OTHERWISE NOTED OR AS PRESCRIBED IN A UL RATED ASSEMBLY.
- G. PROVIDE ACOUSTICAL SEALANT AT JOINTS AND PERIMETER OF ALL TYPICAL WALLS,
- PROVIDE FIRE RATED SEALANT AT ALL FIRE RATED WALLS. H. MAINTAIN THE LISTED STC RATING AND ACOUSTICAL PERFORMANCE OF ALL PARTITIONS. CAULK ALL PENETRATIONS AND WHEN RETURN AIR PLENUMS ARE
- PROPOSED, PROVIDE AND INSTALL A STAGGERED AND LINED DUCT ELBOW.
- SEE FIRE LIFE SAFETY (FLS) PLAN FOR LOCATIONS OF RATED ASSEMBLIES.
- NOTIFY THE ARCHITECT IN WRITING BETWEEN DISCREPENCIES BETWEEN LISTED UL OR GA RATED ASSEMBLIES, COMPONANTS DEPICTED WITHIN THIS DRAWING SET AND ASSOCAITED STC TESTS.
- K. PROVIDE LABELED GYPSUM WALL BOARD AT FIRE RATED PARTITIONS.
- PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS INDICATED BELOW:
- M. FIRE RATED AND SMOKE ASSEMBLY PARTITIONS AND BARRIERS TO EXTENT TO THE UNDERSIDE OF STRUCTURE UNLESS NOTED OTHERWISE.
- N. FRAME AROUND BEAMS AND OTHER STRUCTURAL ELEMENTS WHEN THEY OCCURE WITHIN THE SPACE OF A FIRE RATED OR ACOUSTICAL PARTITION.
- O. ALL PARTITIONS ARE NON-LOAD BEARING UNLESS OTHERWISE NOTED. REFERENCE STRUCTURAL DRAWINGS FOR LOAD BEARING PARTITION ASSEMBLIES.
- P. PROVIDE CONNECTIONS TO EXISTING STRUCTURE THAT ISOLATE NON-LOAD BEARING WALLS FROM STRUCTURAL MOVEMENT. PROVIDE DEFLECTION TRACKS AT THE TOPS OF ALL PARTITIONS AND SLOTTED CONNECTIONS AT INTERMEDIATE STRUCTURES.

LEGEND - FLOOR PLANS

	WALL TYPE PER ASSEMBLY	STUD SIZE LEGEND			
WALL TAG	DIBRACING CONDTION	Α	7/8" FURRING CHANNEL		
	STUD TYPE PER LEGEND	В	1 1/2" FURRING CHANNEL		
DOOR TAG -		С	1 5/8" METAL STUD		
UNIQUE	(<u>102</u> DOOR TAG - REFER	D	2 1/2" METAL STUD		
5	TO DOOR SCHEDULE	Е	3 5/8" METAL STUD		
DOOR TAG -	24 A DOOD & FDAME TYPE	F	4" METAL STUD		
REPEATABLE	34 A DOOR & FRAME TYPE SEE SCHEDULE	G	6" METAL STUD		
	DOOR WIDTH	Н	8" METAL STUD		
WINDOW TAG	ASCHEDULE	I	2 1/2" C-H SHAFT WALL STUD		
		J	4" C-H SHAFT WALL STUD		
KEY NOTE		K	6" C-H SHAFT WALL STUD		
KLINOIL	1_)_;-KEY NOTE - SEE SCHEDULE		BRACING CONDITION		
		Α	HEAD @ (E) ACT		
		В	HEAD @ (E) SOFFIT/HEADER		
		С	HEAD @ PARTITION TRACK		

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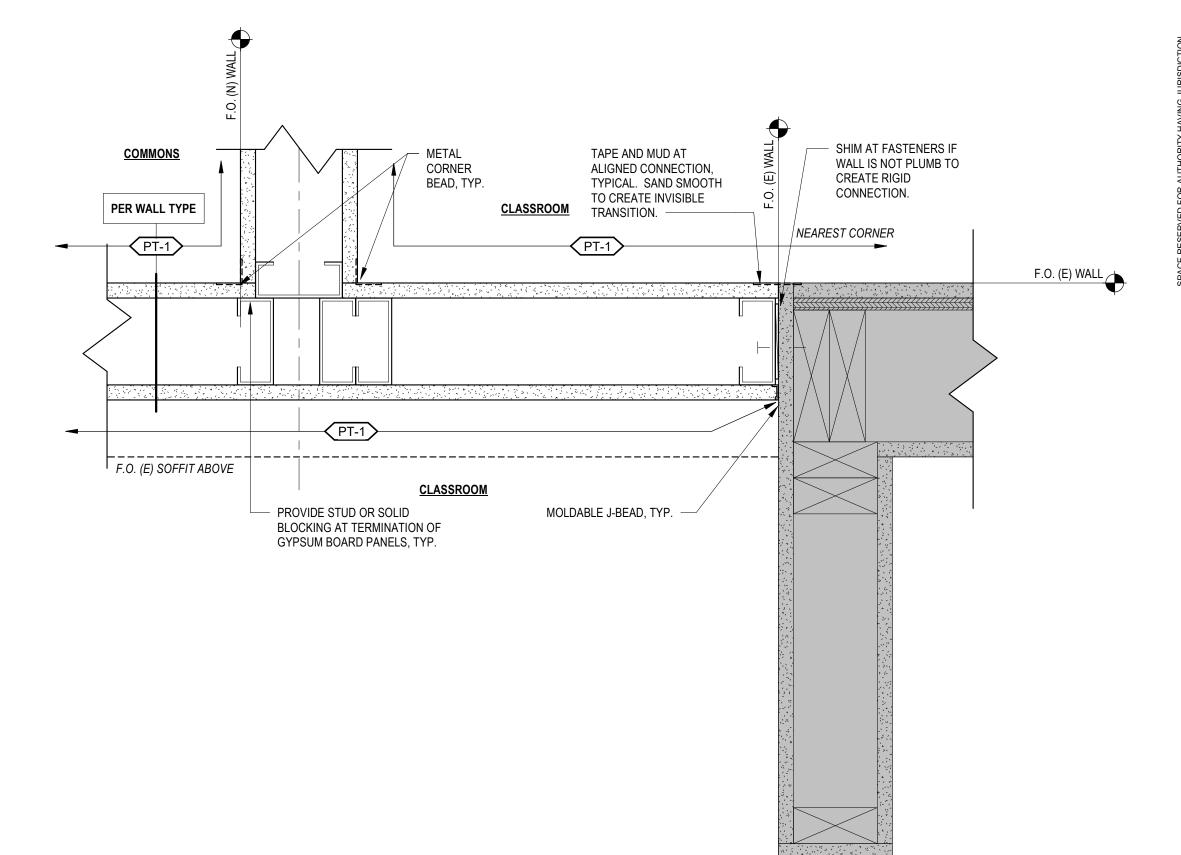


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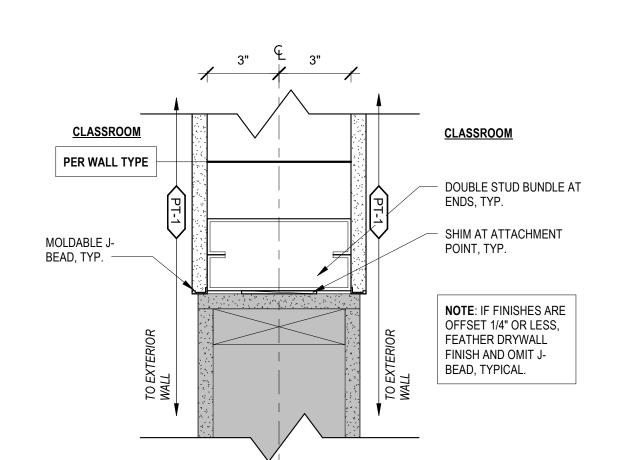
PROJECT: 21005.02 11/10/2022 DATE:

TYPICAL PARTITION DETAILS

A800

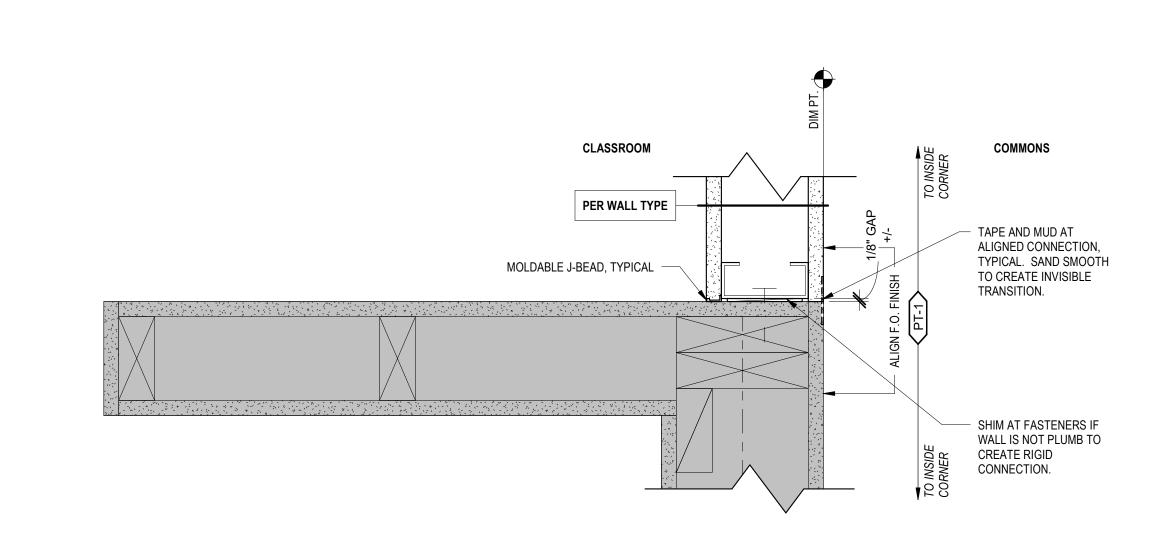


TYPICAL WALL - PERPENDICULAR INTERSECTION
3" = 1'-0"



TYPICAL WALL - OPERABLE PARTITION REPAIR
3" = 1'-0"

TYPICAL WALL - OPERABLE PARTITION REPAIR @ EXTERIOR 3" = 1'-0" 4



TYPICAL WALL - NEW WALL @ (E) WING WALL
3" = 1'-0"
3

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PROJECT: 21005.02 DATE: 11/10/2022

TYPICAL PARTITION DETAILS

GENERAL NOTES - PROJECT SIGANGE

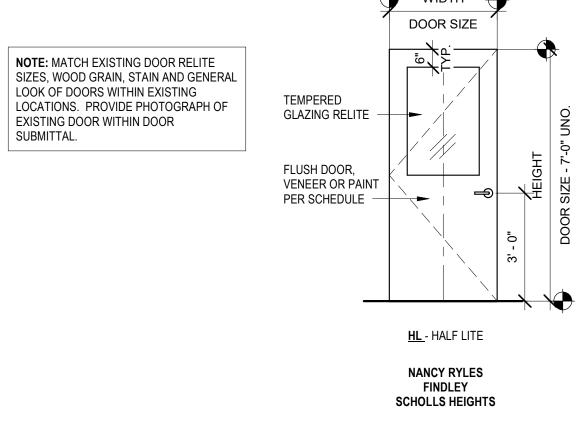
- A. COORDINATE ALL SIGNAGE WITHIN THE PROJECT, INCLUDING CODE REQUIRED SIGNAGE, WITH EXISTING BUILDING SIGNAGE OR WITH CURRENT DISTRICT STANDARDS.
- B. CODE REQUIRED SIGNAGE, SUCH AS STAIRWAY SIGNAGE AND ACCESSIBLE PARKING SIGNAGE, TO BE PROCURED AND INSTALLED BY THE GENERAL CONTRACTOR. PROVIDE DETAILED INFORMATION ON SIZE, FONT AND COLOR WITHIN A SUBMITTAL FOR ARCHITECT AND OWNER REVIEW.
- C. ROOM SIGNAGE IS CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED. COORDINATE EXTENTS AND LOCATION WITH OTHER WALL MOUNTED ITEMS. PROVIDE AN ALLOWANCE FOR THE PATCH AND REPAIR OF EXISTING WALLS WHERE EXISTING SIGANGE IS RELOCATED OR REPLACED.

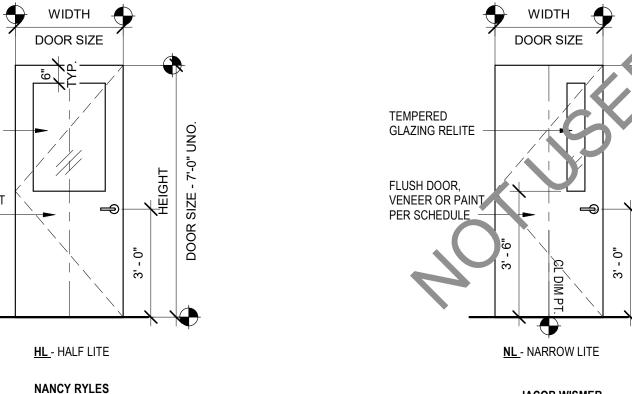


(E) SIGNAGE - FINDLEY ELEMENTARY - FOR REFERENCE ONLY

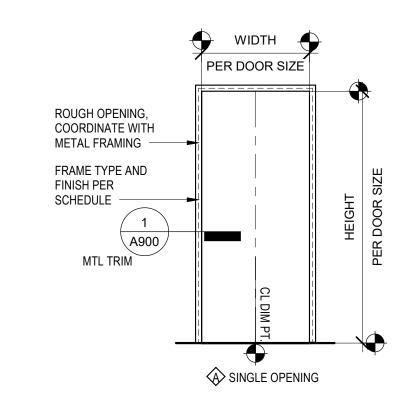


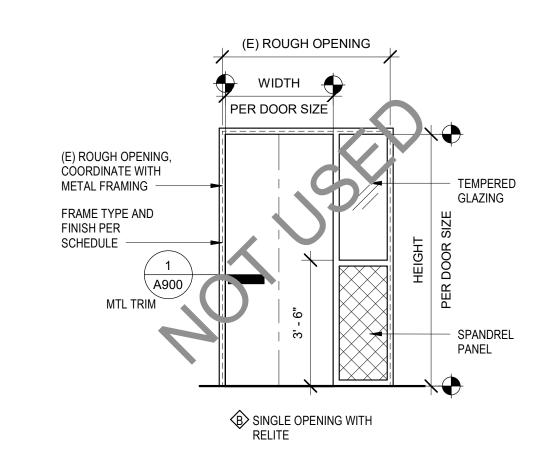
EXISTING DOOR AT COMMONS, GENERAL CONTRACTOR TO MATCH RELITE AND WOOD GRAINING.





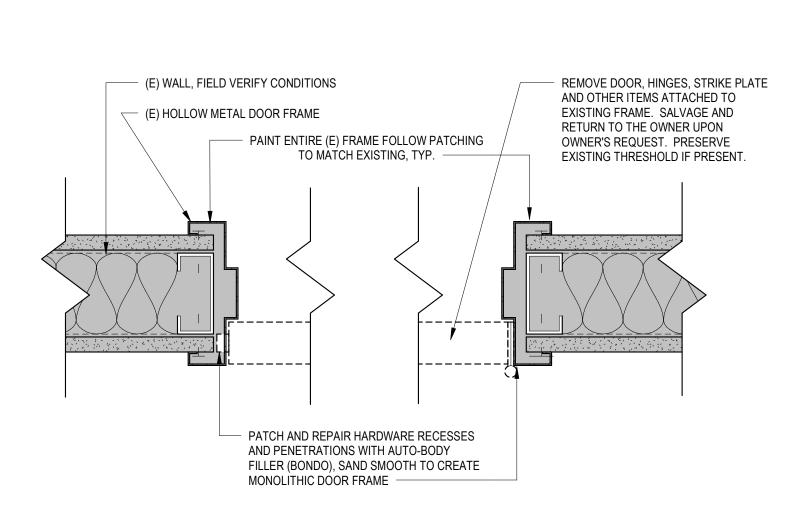
JACOB WISMER DOOR TYPES



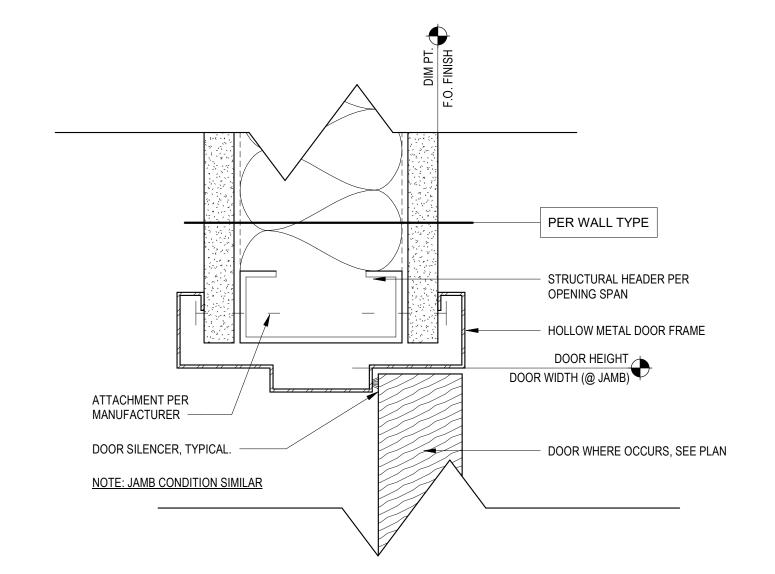




									DOOF	R SCH	EDULE				
DOOR TYPE		FINISHED SIZE		FRAME					DOOR						
	COUNT	WIDTH	HEIGHT	TYPE	FIRE RATING	MATERIAL	FINISH	TRIM MATERIAL	TRIM FINISH	TYPE	THICKNESS	MATERIAL	FINISH	HARDWARE GROUP	NOTES
					•								•		
HL/A	20	3' - 0"	7' - 0"	А	N/A	НМ	PT	STL	PT	HL	1 3/4"	WD	TS		MATCH EXISTING CLASSROOM DOOR RELITE, GRAINING AND FINISH. PROVIDE NEW BLIND AT RELITE TO MATCH (E) BUILDING STANDRD CONTRACTOR TO VERIFY THE FINAL DOOR COUNT.







OPENING - HEAD/JAMB - HOLLOW METAL
6" = 1'-0"





GENERAL NOTES - DOORS

A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.

REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED."

B. DIMENSIONS SHOWN FOR DOORS AND WINDOWS ARE TYPICALLY FINISHED OPENING DIMENSIONS. COORDINATE ROUGH OPENING DIMENSIONS PER MANUFACTURER RECOMMENDATIONS WITH SELECTED OPENING.

C. EXIT DOORS TO BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL

D. THE MAIN EXIT TO DOOR TO HAVE SIGNAGE ABOVE THE DOOR READING "THIS DOOR TO

E. ALL NEW DOORS TO BE SOLID WOOD, PAINT GRADE UNLESS NOTED OTHERWISE.

F. PROVIDE NEW ADA LEVER STYLE DOOR HARDWARE TO MATCH BUILDING STANDARD. (SCHLAGE 'ND', SERIES, RHODES STYLE)

G. ALL NEW FRAMES TO BE FULLY WELDED UNLESS NOTED OTHERWISE. (CURRIES 16 GA.)

PROVIDE TEMPERED GLAZING IN ALL DOORS AND RELITES UNLESS NOTED OTHERWISE.

REFER TO ELEVATIONS FOR DOOR AND FRAME PAINT FINISH WHERE PAINT IS USED.

MATERIAL LEGEND

WD WOOD - SOLID CORE HC WOOD - HOLLOW CORE **EXISTING** GLASS - TEMPERED MDF - TRIM MANUFACTURER'S FINISH PAINT

MTL METAL - SOLID CORE STL - KD STEEL FRAME - KNOCKDOWN **HM** HOLLOW METAL FRAME **ALUM** ALUMINUM STOREFONT

HARDWARE GROUPS

STOPS:

GROUP 1:

GROUP 2:

BASIS OF DESIGN PRODUCTS: CONTRACTOR TO SUBMIT COMPLETE HARDWARE GROUPS BASED ON BASIS OF DESIGN PRODUCTS AND HARDWARE DESIGN DIRECTION BELOW:

ALL NEW HARDWARE TO BE SATIN CHROME (US26D), UNO.

TRANSPARENT STAIN

DOOR FRAMES: CURRIES 16 GA FULLY WELDED - EQUAL RABBIT LEVER HARDWARE SETS: SCHLAGE ND SERIES VANDLGARD, "RHODES" SCHLAGE FULL SIZE INTERCHANGEABLE (FSIC) CYLINDERS CORES: HINGES: IES HW 4.5" X 4.5" NRP

PANIC BARS VON DUPRIN EL 99 OR XP99 LCN 4010 (INWARD SWING), LCN 4111 (OUTWARD SWING) CLOSERS:

BHMA 626, IVES OR EQUAL STAINLESS STEEL, FULL WIDTH KICK PLATE:

COMMONS (PANIC HARDWARE)

(3) PAIR BUTTS - 4 1/2" PANIC HARDWARE CLOSER WALL STOP TYPICAL UNO.

SILENCER KICK PLATE

KICK PLATE

CLASSROOM (3) PAIR BUTTS - 4 1/2" LEVER SET - "CLASSROOM" TYPE WALL STOP TYPICAL UNO. SILENCER

SCHOOL

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MICHAEL

BARRETT OR No. 5889

OF OREO

REVISIONS:

 \mathcal{C}

PROJECT: 21005.02 DATE: 11/10/2022

DOORS, FRAMES, HARDWARE SCHEDULE & TYPICAL OPENING **DETAILS**

A900

ABBREVIATIONS AIR CONDITIONING UNIT ACCESS DOOR **EXPANSION TANK** AFF ABOVE FINISHED FLOOR

BOB

CD

CHWR

CHWS

CO

CT

CUH

CVB

DB

DS

DWP

BOD

BOTTOM OF PIPE

EXTERNAL STATIC PRESSURE ENTERING WATER TEMPERATURE AIR HANDLER (SPLIT REFRIG) **ELECTRIC WATER COOLER** AIR HANDLING UNIT FREE AREA ACOUSTICAL LINING FLEXIBLE CONNECTION ACCESS PANEL FAN COIL UNIT **ELECTRIC BASEBOARD RADIATION**

FIRE DAMPER **FLOOR** BACK DRAFT DAMPER FOB FLAT ON BOTTOM BELOW FINISHED CEILING

FLAT ON TOP FUEL OIL PUMP BOTTOM OF BEAM BOTTOM OF DUCT FIRE PUMP FEET PER MINUTE FINNED TUBE RADIATION

GENERAL CONTRACTOR CEILING DIFFUSER CUBIC FEET PER MINUTE GALLONS PER HOUR GALLONS PER MINUTE CHILLED WATER PUMP CHILLED WATER RETURN HAND DAMPER CHILLED WATER SUPPLY HEAT PUMP CLEAN OUT HEATING AND VENTILATING UNIT CONDENSATE PUMP

CONDENSER WATER RETURN HOT WATER PUMP CONDENSER WATER SUPPLY **HEATING HOT WATER RETURN** COOLING TOWER **HEATING HOT WATER SUPPLY** CONDENSING UNIT **HEAT EXCHANGER** CABINET UNIT HEATER

HOT WATER CONVERTER

CONSTANT VOLUME BOX **INSIDE DIAMETER** CWP CONDENSER WATER PUMP LEAVING AIR TEMPERATURE LEAVING WATER TEMPERATURE **DUCT SILENCER** LINEAR DIFFUSER DOMESTIC WATER PUMP LINEAR FEET ENTERING AIR TEMPERATURE

MECHANICAL CONTRACTOR **ELECTRICAL CONTRACTOR** MTD MOUNTED EXHAUST FAN MOTOR OPERATED DAMPER **EXPANSION JOINT** MAKE-UP AIR UNIT MUA EXHAUST REGISTER

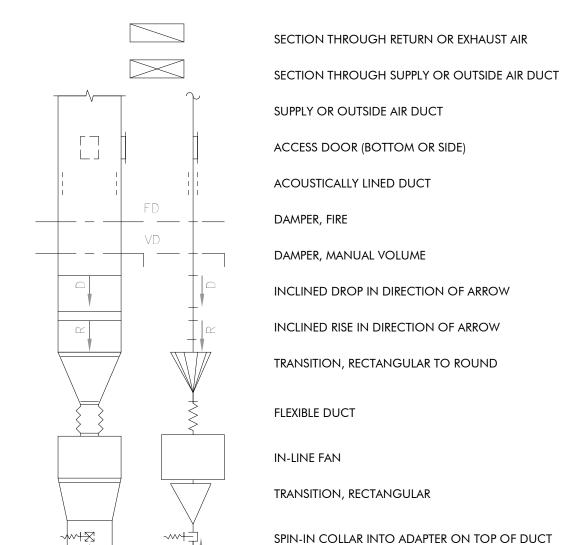
HVAC CONTROL SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
——————————————————————————————————————	GATE VALVE	T	ROOM OR ZONE THERMOSTAT
	GLOBE VALVE	T	DUCT THERMOSTAT
	GAS COCK		THERMOMETER
	SOLENOID VALVE		EXPANSION VALVE
	CONTROL VALVE , 2-WAY	DM	DAMPER MOTOR
— PRV	PRESSURE REDUCING VALVE		DAMPER
	CHECK VALVE	M	MOTOR
	CENTRIFUGAL FAN		PLUG VALVE
F	FLOW SWITCH	\bigcirc	PRESSURE GAGE
FS	FIRE SAFETY SWITCH	Р	PRESSURE SWITCH
\Box	HUMIDISTAT, ROOM		PUMP
Н	HUMIDISTAT, DUCT	R	RELAY
——————————————————————————————————————	BALL VALVE	*	PRESS./TEMP. RELIEF VALVE
	CONTROL VALVE , 3-WAY	SD	SMOKE DETECTOR
F	FLOW SWITCH		CONTROL WIRING
	STEAM TRAP	SP SP	STATIC PRESSURE CONTROLLER

PIPING SYSTEM SYMBOLS

HEATING WATER SUPPLY -----HWR----- HEATING WATER RETURN

DUCTWORK SYMBOLS



CEILING SUPPLY AIR DIFFUSER (CD) SIDEWALL SUPPLY GRILLE (SG) ELBOW TURNED DOWN ELBOW TURNED UP ELBOW, RADIUS TYPE

ELBOW, SQUARE OR RECTANGULAR TYPE

WITH AIRFOIL TURNING VANES

RETURN OR EXHAUST AIR DUCT

CEILING RETURN AIR GRILLE (CRG)

SIDEWALL RETURN AIR GRILLE (RG)

OPEN END DUCT

FLEXIBLE CONNECTION

				MAX.	MAX.	HEATING	INLET	CONT	ROL VALVE	HE	ATING WA	TER	
		CF	M	PRESS.	"NC" AT	AIRFLOW	SIZE	TWO	THREE	FLOW	EWT	CAP.	
SYMBOL	AREA SERVED	MAX	MIN	DROP	2 IN. S.P.	(CFM)	(IN.)	WAY	WAY	(GPM)	(°F)	(MBH)	REMARKS
TU-7A	CLASSROOM 134	1,400	700	0.25	35	700	12		Χ	1.3	180	30.5	1, 2
TU-7B	CLASSROOM 133	1,400	700	0.25	35	700	12		Χ	1.3	180	30.5	1, 2
TU-7C	CLASSROOM 132	1,400	700	0.25	35	700	12		Χ	1.3	180	30.5	1, 2
TU-8A	CLASSROOM 111	1,400	700	0.25	35	700	12		Χ	1.3	180	30.5	1, 2
TU-8B	CLASSROOM 110	1,400	700	0.25	35	700	12		Х	1.3	180	30.5	1, 2
TU-8C	CLASSROOM 109	1,400	700	0.25	35	700	12		Χ	1.3	180	30.5	1, 2
TU-8D	CLASSROOM 108	1,400	700	0.25	35	700	12		Χ	1.3	180	30.5	1, 2
TU-9A	CLASSROOM 106	1,400	700	0.25	35	700	12		Χ	1.3	180	30.5	1, 2
TU-9B	CLASSROOM 105	1,400	700	0.25	35	700	12		Χ	1.3	180	30.5	1, 2
TU-9C	CLASSROOM 104	1,400	700	0.25	35	700	12		Х	1.3	180	30.5	1, 2
TU-17A	CLASSROOM 248	1,400	700	0.25	35	700	12		Х	1.3	180	30.5	1, 2
TU-17B	CLASSROOM 247	1,400	700	0.25	35	700	12		Х	1.3	180	30.5	1, 2
TU-17C	CLASSROOM 246	1,400	700	0.25	35	700	12		Χ	1.3	180	30.5	1, 2
TU-18A	CLASSROOM 219	1,400	700	0.25	35	700	12		Χ	1.3	180	30.5	1, 2
TU-18B	CLASSROOM 218	1,400	700	0.25	35	700	12		Χ	1.3	180	30.5	1, 2
TU-18C	CLASSROOM 217	1,400	700	0.25	35	700	12		Χ	1.3	180	30.5	1, 2
TU-18D	CLASSROOM 216	1,400	700	0.25	35	700	12		Χ	1.3	180	30.5	1, 2
TU-19A	CLASSROOM 214	1,400	700	0.25	35	700	12		Χ	1.3	180	30.5	1, 2
TU-19B	CLASSROOM 213	1,400	700	0.25	35	700	12		Χ	1.3	180	30.5	1, 2
TU-19C	CLASSROOM 212	1,400	700	0.25	35	700	12		Х	1.3	180	30.5	1, 2

1. BASIS OF DESIGN: TITUS DESV, EAT = 55 DEGREES F PROVIDE WITH NEOPRENE ISOLATED HANGERS.

NORMALLY CLOSED

NORMALLY OPEN

NOT IN CONTRACT

OUTSIDE AIR INTAKE

OUTSIDE DIAMETER

OUTSIDE AIR TEMPERATURE

OPPOSED BLADE DAMPER

PARALLEL BLADE DAMPER

PRESSURE REDUCING VALVE

PACKAGED TERMINAL AIR CONDITIONER

NECK

OUTSIDE AIR

ON CENTER

RETURN AIR

REHEAT COIL

RETURN FAN

SUPPLY AIR

RAG

UON

RETURN AIR GRILLE

RETURN AIR REGISTER

SUPPLY AIR REGISTER

SMOKE EXHAUST FAN

SMOKE DAMPER

STATIC PRESSURE

TRANSFER GRILLE

VENT THRU ROOF

WIRE MESH SCREEN

SUPPLY FAN

TYPICAL

UNIT HEATER

SMOKE CONTROL GRILLE

UNLESS OTHERWISE NOTED

VARIABLE AIR VOLUME UNIT

REFLECTED CEILING PLAN

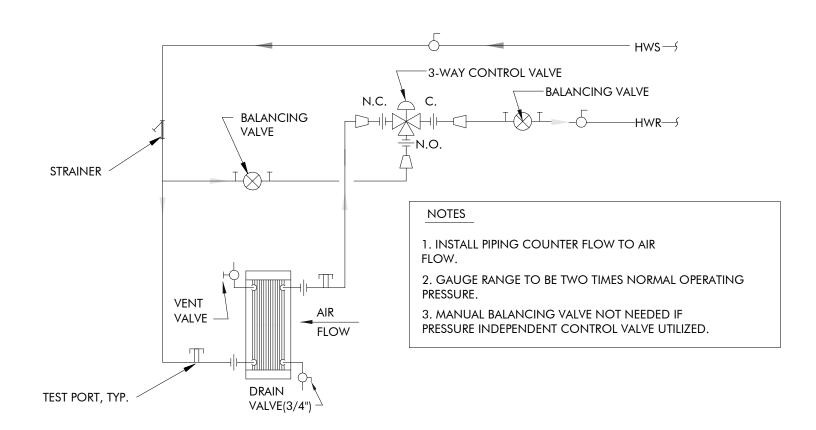
Airflow	X		
Discharge Air Temp	Х		
Zone Setpoint Adjust	Х		
Zone Temp	Х		

GENERAL MECHANICAL NOTES:

- INSTALL EQUIPMENT TO PROVIDE SERVICE CLEARANCE AS RECOMMENDED BY THE MANUFACTURER, AND AS REQUIRED BY CODE AND LOCAL INSPECTOR. PROVIDE CLEAR LABELING OF FILTER PANELS TO VERIFY ADEQUATE ACCESS FOR MAINTENANCE.
- TEST HVAC CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS TO ENSURE THEY ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. SEQUENCES OF OPERATION SHALL BE FUNCTIONALLY TESTED TO ENSURE THEY OPERATE IN ACCORDANCE WITH THE APRPOVED PLANS AND SPECIFICATIONS. A COMPLETE REPORT OF THE TEST PROCEDURES AND RESULTS SHALL BE PREPARED AND FILED WITH THE OWNER PRIOR TO OCCUPANCY.
- PROVIDE RECORD DRAWINGS OF ACTUAL INSTALLATION WITHIN 90 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE TO BUILDING OWNER. PROVIDE OPERATING AND MAINTENANCE MANUAL CONTAINING SUBMITTAL DATA AND OTHER INFORMATION REQUIRED BY SPECIFICATIONS AND ENERGY CODE.
- COORDINATE FINAL LOCATION OF EQUIPMENT, DUCTS, DIFFUSERS, AND GRILLES WITH STRUCTURE, REFLECTED CEILING PLANS, AND THE LIGHTING LAYOUT PRIOR TO ROUGH-IN.
- PROVIDE ROOF CURBS FOR EQUIPMENT REQUIRING A ROOF PENETRATION, AND PROVIDE EQUIPMENT SUPPORTS FOR ROOF MOUNTED EQUIPMENT NOT REQUIRING A PENETRATION. COORDINATE ROOF CURBS AND SUPPORTS WITH ROOFING SYSTEM, AND SEISMICALLY ATTACH EQUIPMENT TO CURB AND
- PROVIDE VOLUME DAMPERS IN BRANCH DUCTS TO SUPPLY, EXHAUST, AND RETURN GRILLES, AND LOCATE DAMPERS AS CLOSE TO BRANCH CONNECTION AS POSSIBLE. PROVIDE CONCEALED DAMPER OPERATOR IN LOCATIONS WHERE DAMPER IS INACCESSIBLE.
- ALL DUCTWORK TO BE MINIMUM 24 GAUGE SHEET METAL WHEN TRAVELLING BETWEEN RATED OCCUPANCY SEPARATIONS, AREA SEPARATIONS, OR OVER RATED EXIT CORRIDORS AND PASSAGEWAYS.
- MOUNT ALL SENSORS, SWITCHES, AND THERMOSTATS PER ARCHITECTURAL
- TRANSITION FROM DUCT SIZES SHOWN TO DIFFUSER NECK SIZES SHOWN A MINIMUM OF 2 FEET BEFORE OUTLET, OR INSTALL A DUCT THE SAME SIZE AS THE GRILLE NECK, AT CONTRACTOR'S OPTION.

ANCHOR ALL MECHANICAL UNITS IN EXCESS OF 400 LBS, TO STRUCTURE, AND PROVIDE THE DESIGN OF THIS ANCHORAGE AS A DEFERRED SUBMITTAL IN ACCORDANCE WITH THE DIVISION 23 SPECIFICATIONS. PROVIDE A SEISMIC BRACING DESIGN FOR ANY SUSPENDED APPLIANCE OR PIECE OF EQUIPMENT WEIGHING 20 LBS. OR MORE AS WELL. ALL DRAWINGS AND CALCULATIONS SUBMITTED FOR THIS WORK SHALL BE SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF OREGON.

- K. CONSTRUCT AND SEAL ALL DUCTWORK PER IMC REQUIREMENTS. ALL DUCTWORK ON THIS PROJECT FALLS UNDER THE LOW PRESSURE CLASSIFICATION.
- INTEGRATE NEW TERMINAL UNITS INTO EXISTING BUILDING/DISTRICT CONTROLS SYSTEM. PROVIDE NECESSARY NEW CONTROLS DEVICES AS NECESSARY TO INCORPORATE TERMINAL UNITS POINTS SCHEDULED BELOW. SEE SPEC 23 09 23 FOR ADDITIONAL INFORMATION. APPLY EXISTING TERMINAL UNIT SEQUENCE OF OPERATIONS TO ALL NEW TERMINAL UNITS.
- M. ALL DEMOLITION, RELOCATION AND INSTALLATION OF CONTROL WIRING AND DEVICES TO BE COMPLETED BY LICENSED CONTROLS CONTRACTOR.
- N. PATCH ANY OPENINGS CREATED WHERE DUCTWORK IS DEMOLISHED IF PARTITION CONTINUES ABOVE CEILING.



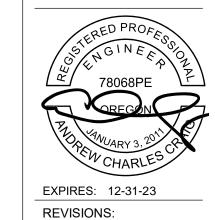
3 HW COIL 3 WAY CONTROL VALVE PIPING DETAIL

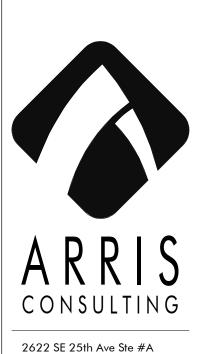
 $^{/}$ NO SCALE

MECHANICAL SHEET LIST

GENERAL NOTES AND ABBREVIATIONS M121 OVERALL FLOOR PLAN - LOWER LEVEL - HVAC OVERALL FLOOR PLAN - MAIN LEVEL - HVAC M122

ENLARGED PLAN - TYPICAL CENTER CLASSROOM BLOCK - HVAC M123 M124 ENLARGED PLAN #2 - TYPICAL END CLASSROOM BLOCK - HVAC HBX-STUDIO.COM



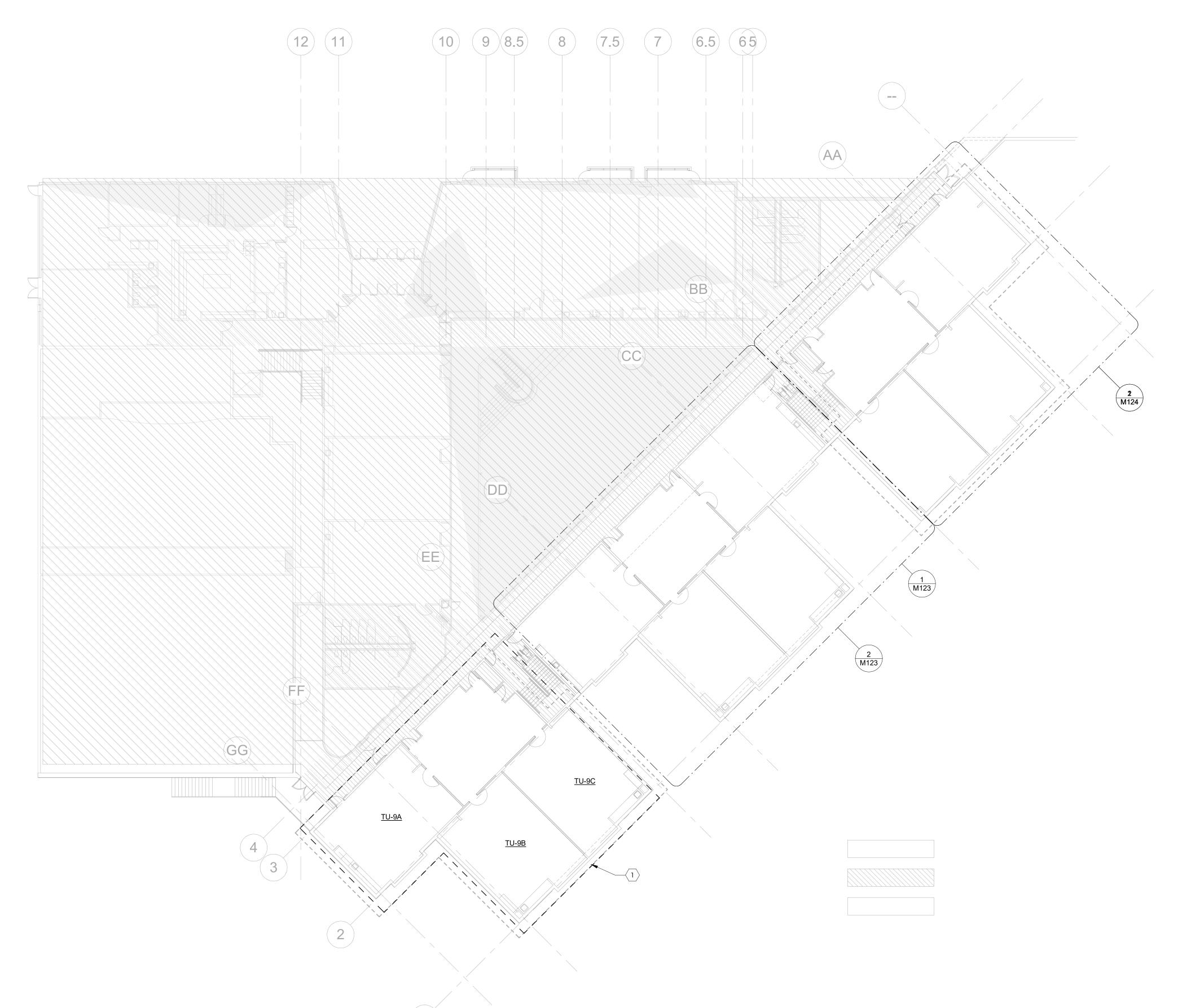


Portland, OR 97202 Andrew Craig, P.E. andrew@arris-consulting.com 503-757-2611

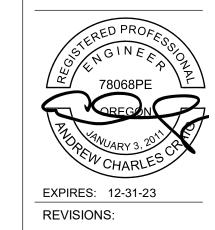
PROJECT: 21005.02 11/10/22 DATE:

GENERAL NOTES ABBREVIATIONS

1 FOR THIS CLASSROOM BLOCK, EXISTING TERMINAL UNIT SERVING (3) CLASSROOMS TO BE REPLACED WITH (3) INDIVIDUAL TERMINAL UNITS AS SCHEDULED ON SHEET M001. SEE SHEET M124 FOR TYPICAL EXAMPLE OF WORK.



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PROJECT: DATE:

M121

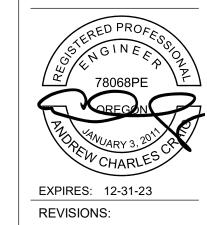
OVERALL FLOOR PLAN - LOWER LEVEL - HVAC

21005.02

SHEET KEYNOTES

- FOR THIS CLASSROOM BLOCK, EXISTING TERMINAL UNIT SERVING (3) CLASSROOMS TO BE REPLACED WITH (3) INDIVIDUAL TERMINAL UNITS AS SCHEDULED ON SHEET M001. SEE SHEET M124 FOR TYPICAL EXAMPLE OF WORK.
- FOR THIS CLASSROOM BLOCK, EXISTING TERMINAL UNIT SERVING (4) CLASSROOMS TO BE REPLACED WITH (4) INDIVIDUAL TERMINAL UNITS AS SCHEDULED ON SHEET M001. SEE SHEET M123 FOR TYPICAL EXAMPLE OF WORK.







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LS PHASE 3 - FINDLEY ELEMENTARY SCHOOL

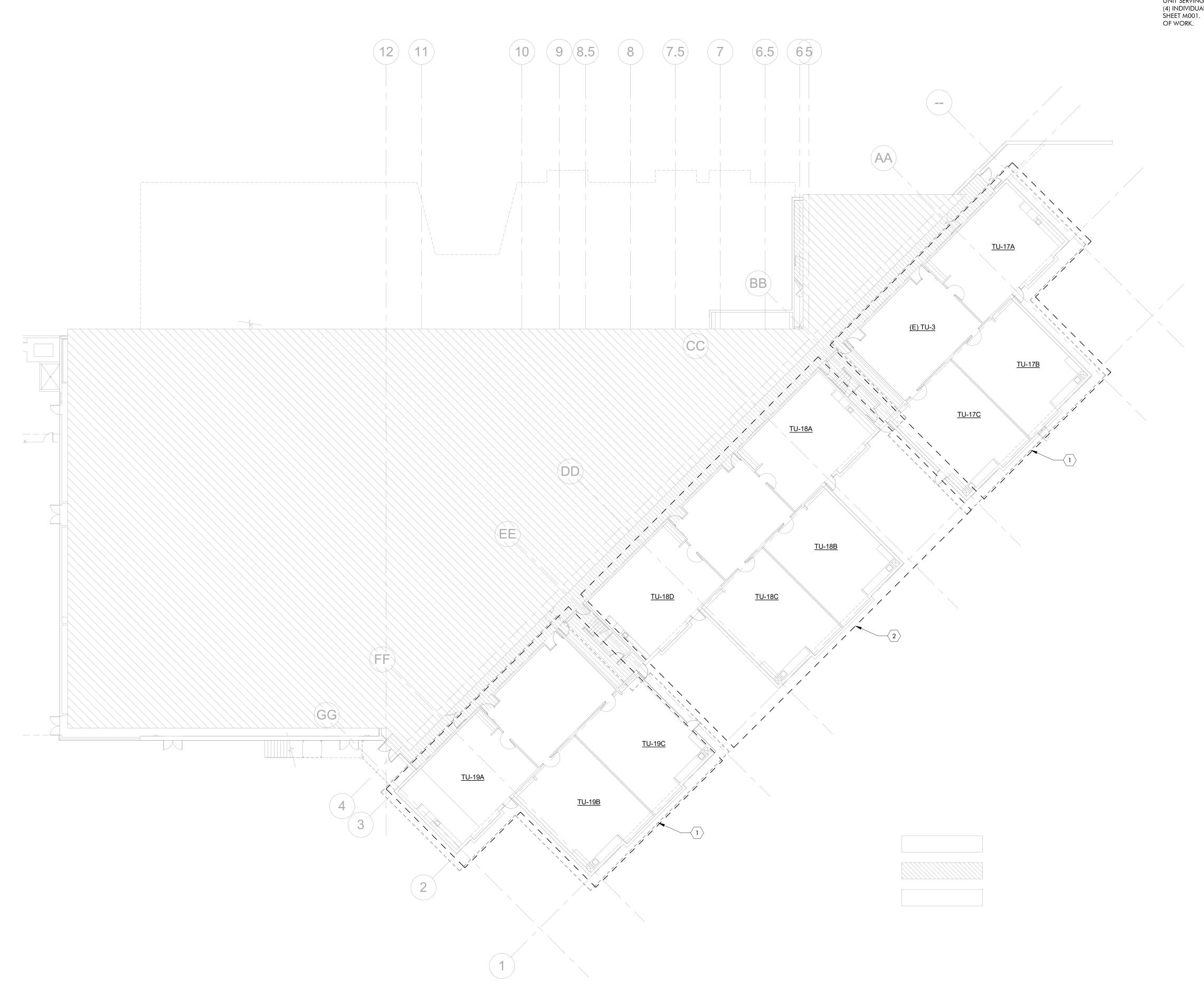
4155 NW SALTZMAN RD
PORTLAND, OR 97229
PERMIT SET

PROJECT:

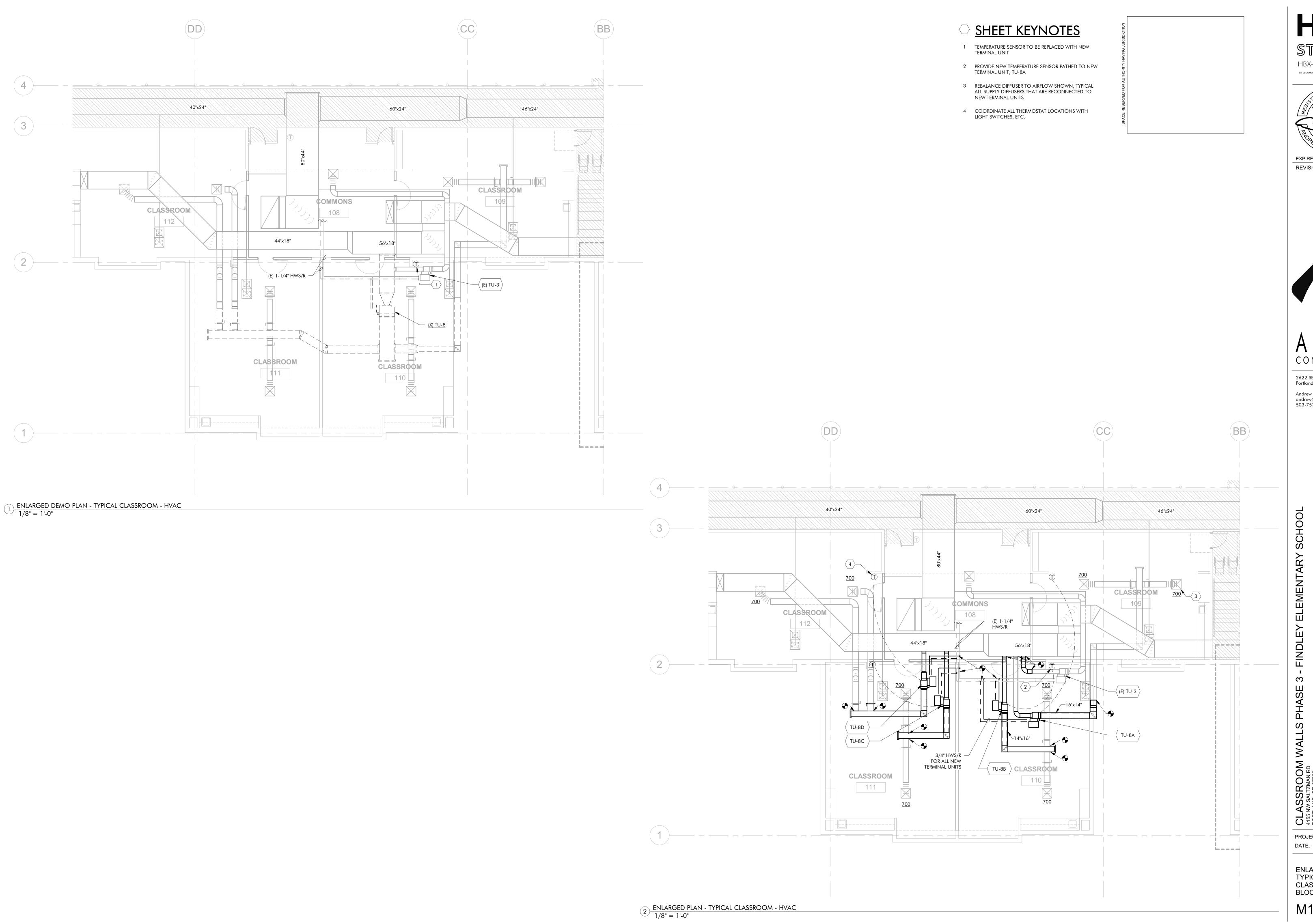
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OVERALL FLOOR PLAN - MAIN LEVEL - HVAC

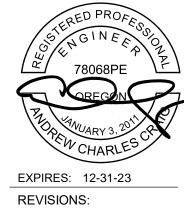
M122



1) FLOOR PLAN - MAIN LEVEL - HVAC 1/16" = 1'-0"









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CLASSKOOM V 4155 NW SALTZMAN RD PORTLAND, OR 97229 PERMIT SET

PROJECT: 21005.02 DATE: 11/10/22

ENLARGED PLAN -TYPICAL CENTER CLASSROOM BLOCK - HVAC

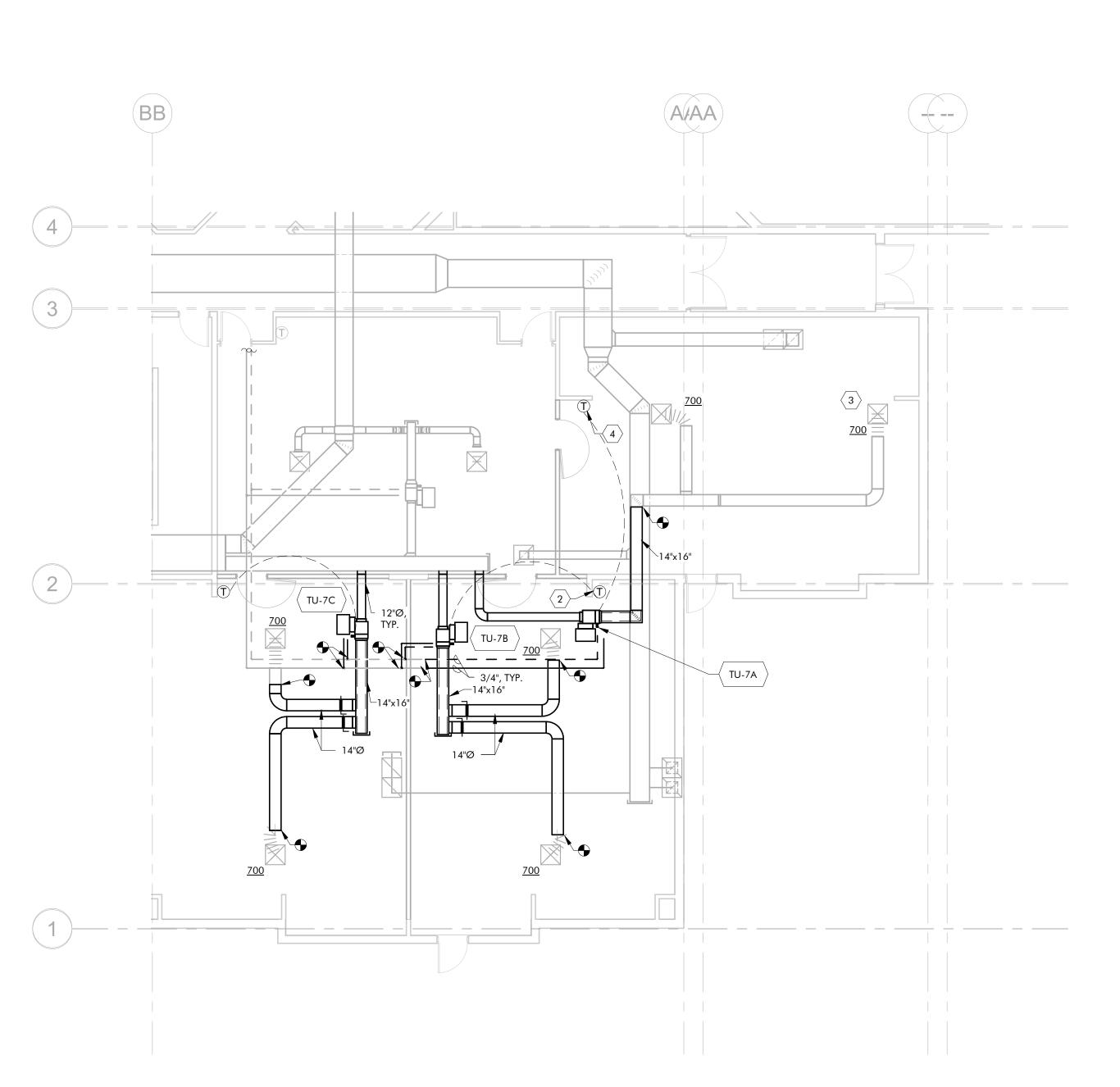
M123

1/8" = 1'-0"

SHEET KEYNOTES

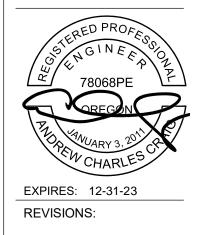
1 TEMPERATURE SENSOR TO BE REPLACED FOR NEW TERMINAL UNIT

- 2 PATH NEW TEMPERATURE SENSOR TO NEW TERMINAL UNIT, TU-7B
- 3 REBALANCE DIFFUSER TO AIRFLOW SHOWN, TYPICAL ALL SUPPLY DIFFUSERS THAT ARE RECONNECTED TO NEW TERMINAL UNITS
- 4 COORDINATE ALL THERMOSTAT LOCATIONS WITH LIGHT SWITCHES, ETC.



2 ENLARGED PLAN #2 - TYPICAL END CLASSROOM - HVAC 1/8" = 1'-0"







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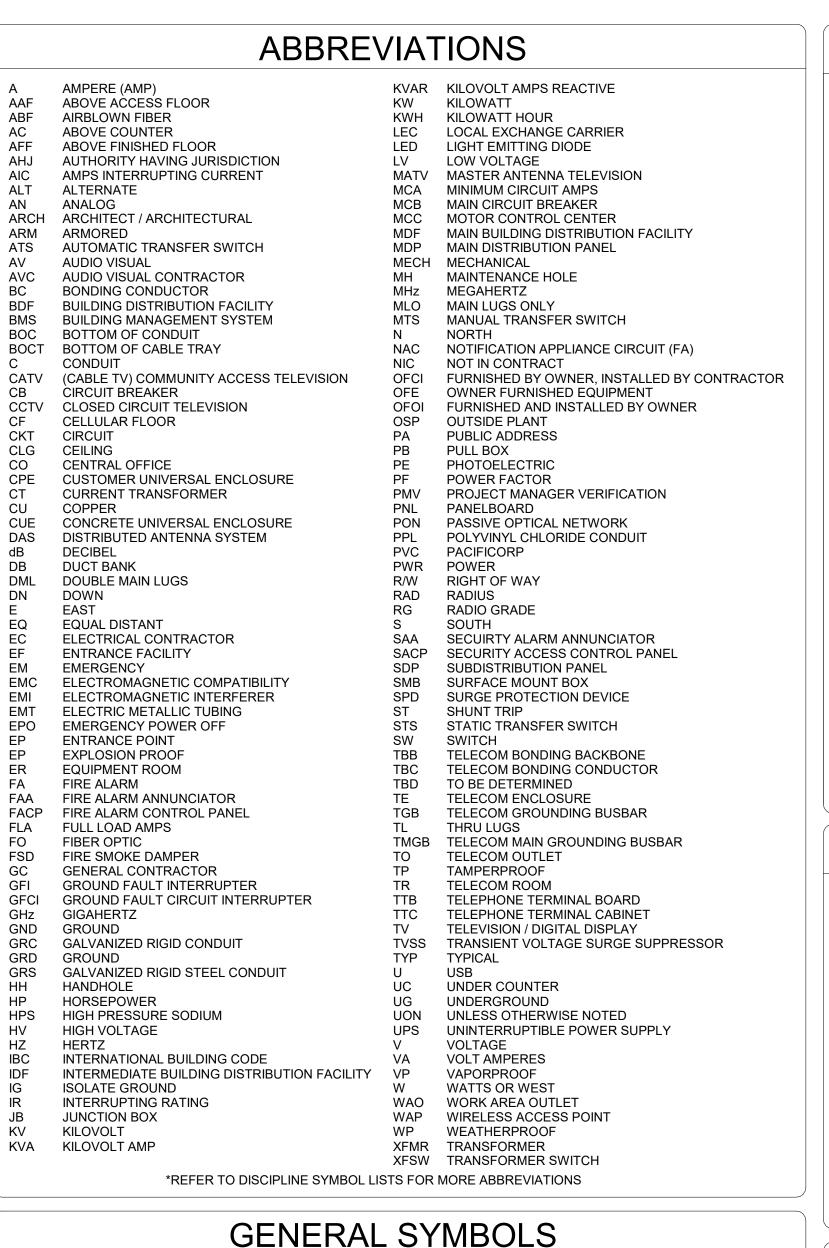
ASSROOM WALLS PHASE 3 - FINDLEY ELEMENTARY SCHOOL

4155 NW SALTZMAN RD PORTLAND, OR 97229 PERMIT SET

PROJECT: 21005.02 DATE: 11/10/22

ENLARGED PLAN #2 - TYPICAL END CLASSROOM BLOCK - HVAC

M124



XXXX 123	EQUIPMENT DESIGNATOR - SEE SCHEDULE.
⟨ E ⟩	EXISTING TO REMAIN
$\langle \mathbf{x} \rangle$	EXISTING TO BE REMOVED
$\langle R \rangle$	EXISTING TO BE RELOCATED
$\langle N \rangle$	NEW
(#)	KEYED NOTE

NOTE

THIS IS A STANDARD LEGEND SHEET. THEREFORE. SOME SYMBOLS MAY APPEAR ON

THIS SHEET THAT DO NOT APPEAR ON THE DRAWINGS.

WORK RESPONSIBILITY

ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN CONDUIT. DEVICES, BOXES, CONDUCTORS, AND TRANSITIONS AROUND OBSTRUCTIONS WHETHER

SHOWN ON DRAWINGS OR NOT SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.

GENERAL NOTES (APPLIES TO ALL DRAWINGS)

- A. WHERE EXACT DIMENSIONS ARE NOT CALLED FOR, DO NOT SCALE DRAWINGS TO DETERMINE LOCATION OF EQUIPMENT, JUNCTION BOXES, OUTLET BOXES, WIRE WAYS, PANELS, ETC. SEE ARCH FOR EXACT
- CONDUIT RUNS SHOW ONLY INTERCONNECTION BETWEEN THE TERMINATION POINTS. THE EXACT PATH OF THE CONDUIT IS TO BE DETERMINED BY THE CONTRACTOR. THERE SHALL BE A MINIMUM OF ONE PULL BOX FOR EVERY 100 FEET OF STRAIGHT EMPTY CONDUIT AND A PULL BOX FOR MORE THAN TWO 90 DEGREE BENDS IN A CONDUIT RUN. ALL CONDUIT SHALL BE DEBURRED, CLEANED, CAPPED, TAGGED, AND FURNISHED
- C. POWER CIRCUITS FOR THE AUDIOVISUAL SYSTEMS MUST BE ON THE SAME TRANSFORMER PHASE, BUT NOT ON THE SAME PHASE AS ANY COMPRESSORS, MOTORS, OR LIGHTING DIMMING SYSTEMS.
- D. ALL EQUIPMENT MUST BE COMPLETELY BONDED TO A TRUE EARTH COMMON GROUND OR VERIFY GROUNDING REQUIREMENTS WITH ELECTRICAL EQUIVALENT FOR PROPER OPERATION.
- E. FOR TELECOM OUTLETS WITH 1-6 CABLES, PROVIDE 1"C. TO DOUBLE-GANG DEEP BOX WITH SINGLE-GANG MUD RING AND 2, 4 OR 6 PORT FACEPLATE AS REQUIRED.
- FOR TELECOM OUTLETS WITH 7-12 CABLES, PROVIDE TWO (2) 1"C. TO DOUBLE-GANG DEEP BOX WITH DOUBLE-GANG MUD RING AND TWO (2) 2, 4 OR 6 PORT FACEPLATES AS REQUIRED.
- G. FOR ALL DATA OUTLETS AND CAMERAS, PROVIDE CATEGORY 6 CABLE AND JACKS. FOR ALL WIRELESS ACCESS POINTS (WAPs), PROVIDE (2) CATEGORY 6A CABLES AND JACKS.

POWER SYMBOLS

WALL RECEPTACLE: DUPLEX, 4-PLEX FLOOR RECEPTACLE: DUPLEX, 4-PLEX CEILING RECEPTACLE: DUPLEX, 4-PLEX WALL RECEPTACLE: MOUNTING HEIGHT SPECIAL RECEPTACLE: WALL \bigcirc \bigcirc \bigcirc JUNCTION BOX: WALL, FLOOR, CEILING SURFACE OUTLET STRIP: DIMENSIONS AS SHOWN DISCONNECT SWITCH: FUSED, CIRCUIT BREAKER MOTOR CONNECTION <u>A8</u>-1. PANEL & CIRCUIT NUMBER DENOTES DUPLEX RECEPTACLE ON DROP CORD **PUSHBUTTON: WALL** ADA DOOR ASSIST BUTTON: WALL WIRE CONCEALED IN FLOOR OR UNDERGROUND ____ RACEWAY AND CONDUCTORS REMOVED AS PART OF DEMOLITION

ONE-LINE SYMBOLS

LOCAL CIRCUIT GROUND CONDUCTOR

ELECTRICAL DISTRIBUTION CABINET

ELECTRICAL TRANSFORMER

GROUND ROD. 10' LONG. 5/8" DIAMETER, COPPER, BOND TO

ELECTRICAL DISTRIBUTION PANEL: SURFACE, RECESSED

CONDUIT ELL: UP, DN

ELECTRICAL DUCT BANK

_ _ _

 \longrightarrow \longrightarrow

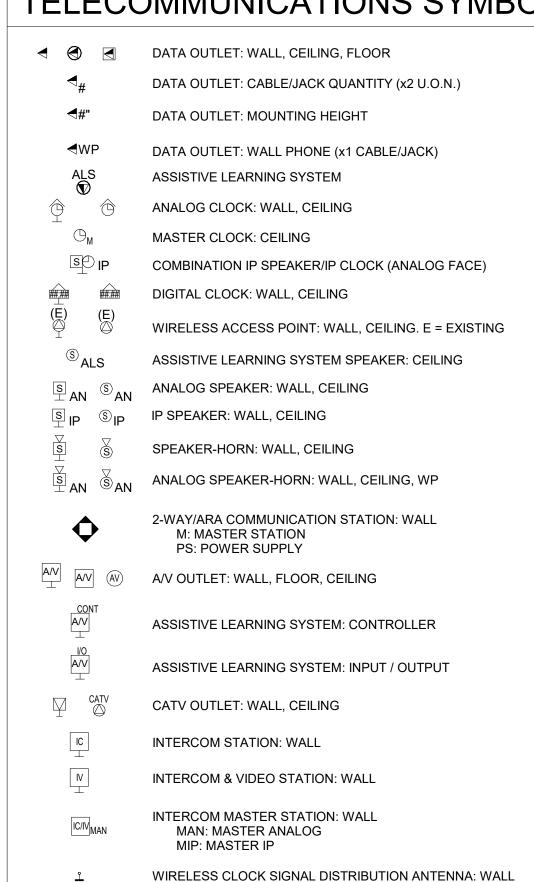
	CONDUCTORS & CONDUIT CONDUCTORS & CONDUIT TO BE REMOVED
	CIRCUIT BREAKER, MOLDED CASE SWITCH BUS
o _ =	ATS
\bigcirc	METER
	PANEL
<u> </u>	MAIN GROUNDING BAR
	CONNECTION TO GROUND
	TRANSFORMER

LIGHTING SYMBOLS

PE	PHOTOCELL: CEILING, WALL MOUNTED
3	DUAL TECHNOLOGY, OCCUPANCY SENSOR: CEILING MOUNTED, WALL MOUNTED
3)	DUAL TECHNOLOGY, VACANCY SENSOR: CEILING MOUNTED, WALL MOUNTED
IA 1.	HA = LUMINAIRE TYPE DESIGNATION 1. = CIRCUIT NUMBER a = SWITCH DESIGNATION
\$ _x	SINGLE GANG, STRAP MOUNTED CONTROL STATION. LIGHT SWITCH: OS = OCCUPANCY SENSOR, K = KEYED, 3 = 3-WAY LOW VOLTAGE DIMMER / PRESET CONTROL: D

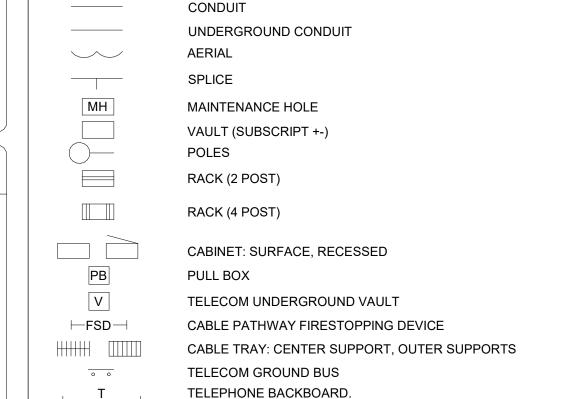
TIMER SWITCH: T

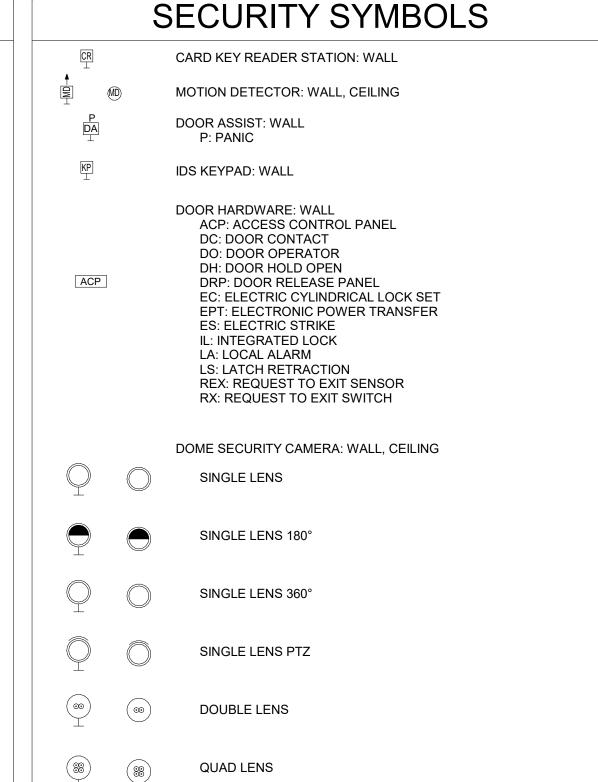
TELECOMMUNICATIONS SYMBOLS



TELECOM PATHWAYS AND **ENCLOSURES SYMBOLS**

ANALOG TELEPHONE OUTLET: WALL

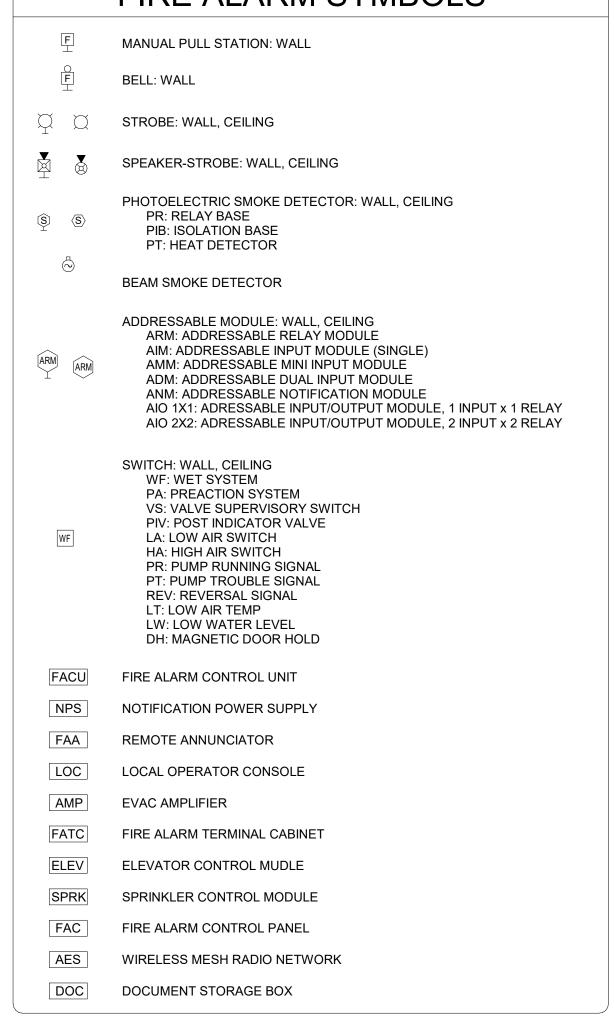




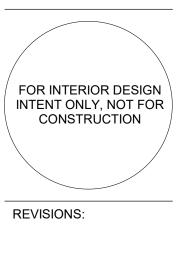
FIRE ALARM SYMBOLS

*SEE DOOR HARDWARE SCHEDULE AND ASSOCIATED

DETAILS FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS



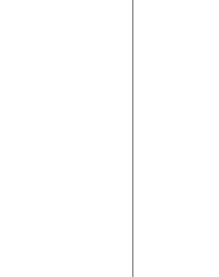






PROJECT: 21005.02 DATE: 10/21/2022

LEGEND AND ABBREVIATIONS -**ELECTRICAL**



GENERAL NOTES

- A ALL CIRCUITS ARE TO BE DE-ENERGIZED PRIOR TO COMMENCING
- B CONTRACTOR TO CONFIRM SOURCE PANELS AND LINE TRACE CIRCUITS TO DETERMINE BREAKER SPACE.
- INSPECT PHYSICAL CONDITION OF ALL WIRING INTENDED FOR INTERCEPTION AND EXTENSION.
- D PERFORM MEGGER/RESISTANCE TESTING AND NOTIFY ENGINEER OF DEFICIENCIES FOUND.
- E REFER TO AS-BUILT DOCUMENTATION FOR EXISTING SINGLE-LINE DIAGRAMS AND DEVICE LAYOUTS, ALTHOUGH THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES AND EQUIPMENT PRIOR TO COMMENCING WORK AND COMPENSATE OWNER FOR DAMAGES CAUSED BY FAILURE TO LOCATE OR PRESERVE UTILITIES.
- F FOR ITEMS TO BE DEMOLISHED, REMOVE WIRING, DEVICES, AND CONDUIT COMPLETE, DO NOT ABANDON IN PLACE UNLESS OTHERWISE NOTED. CONDUIT CAST IN-SLAB IS TO BE CUT-OFF BELOW GRADE AND ABANDONED.
- G DE-ENERGIZE, DISCONNECT, AND REMOVE ALL EXISTING ELECTRICAL INFRASTRUCTURE IN AREAS UNAFFECTED BY PROJECT DEMO.
- H RETAIN EXISTING ELECTRICAL RACEWAYS IDENTIFIED FOR INTERCEPTION AND EXTENSION IN AREAS UNAFFECTED BY DEMOLITION.
- PERFORM INSTALLATION IN ACCORDANCE WITH THE CODES OF RECORD AND APPLICABLE DOE ORDERS, NATIONAL ELECTRICAL CODE (NEC), AND
- OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).
 I.PERFORM INSTALLATION IN ACCORDANCE WITH THE CODES OF RECORD AND
 APPLICABLE DOE ORDERS, NATIONAL ELECTRICAL CODE (NEC), AND
- OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).

 ELECTRICAL DRAWINGS ARE CONSIDERED DIAGRAMMATIC AND INDICATE GENERAL

 ARRANGEMENT OF WORK AND SYSTEMS. COORDINATE ROUGH-IN REQUIREMENTS
- AND INSTALLATION REQUIREMENTS WITH OTHER TRADES.

 K PERFORM WORK FOR REMOVAL AND DISPOSAL OF EQUIPMENT AND MATERIALS CONTAINING TOXIC SUBSTANCES REGULATED UNDER THE FEDERAL TOXIC SUBSTANCES CONTROL ACT (TSCA) IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

 APPLICABLE EQUIPMENT AND MATERIALS INCLUDE, BUT ARE NOT
- APPLICABLE EQUIPMENT AND MATERIALS INCLUDE, BUT ARE NOT LIMITED TO:

 1. PCB-CONTAINING ELECTRICAL EQUIPMENT, INCLUDING TRANSFORMERS, CAPACITORS, AND SWITCHES.

 2. PCB- AND DEHP-CONTAINING LIGHTING BALLASTS.

 3. MERCURY-CONTAINING LAMPS AND TUBES, INCLUDING FLUORESCENT LAMPS, HIGH INTENSITY DISCHARGE (HID), ARC LAMPS, ULTRA-VIOLET, HIGH PRESSURE SODIUM, MERCURY VAPOR, IGNITRON
- L REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.

TUBES, NEON, AND INCANDESCENT.

- M REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY.
- REMOVE EXPOSED ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONDUIT FLUSH WITH WALLS AND FLOORS, AND PATCH SURFACES.
- O DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS THAT ARE NOT REMOVED.
- P DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.
- Q REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
- R MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS THAT REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL
- REMOVE AND RESTORE WIRING WHICH SERVES USABLE OUTLETS CLEAR OF CONSTRUCTION OR DEMOLITION.

KEYED NOTES

1 RELOCATE EXISTING LIGHTING CONTROL SWITCH TO LOCATION INDICATED. WIRE AND CONNECT FOR A FULLY FUNCTIONING LIGHTING CONTROL SYSTEM FOR THE SPACE.



FOR INTERIOR DESIGN INTENT ONLY, NOT FOR CONSTRUCTION

REVISIONS:

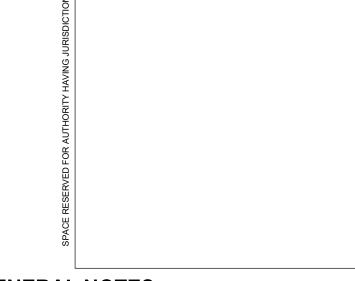
321 NE Couch St, Suite 403 Portland, Or 97232 503-771-1986

SSROOM WALLS PHASE 3 - FINDLEY ELEMENTA

4155 NW SALTZMAN RD PORTLAND OR 97229

PROJECT: 21005.02 DATE: 10/21/2022

MAIN LEVEL FLOOR PLAN -ELECTRICAL



GENERAL NOTES

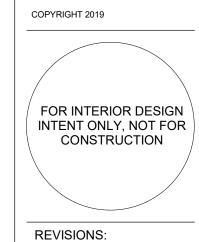
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- D PERFORM MEGGER/RESISTANCE TESTING AND NOTIFY ENGINEER OF DEFICIENCIES FOUND.
- E REFER TO AS-BUILT DOCUMENTATION FOR EXISTING SINGLE-LINE DIAGRAMS AND DEVICE LAYOUTS, ALTHOUGH THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES AND EQUIPMENT PRIOR TO COMMENCING WORK AND COMPENSATE OWNER FOR DAMAGES CAUSED BY FAILURE TO LOCATE OR PRESERVE
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 ELECTRICAL DRAWINGS ARE CONSIDERED DIAGRAMMATIC AND
- INDICATE GENERAL
 ARRANGEMENT OF WORK AND SYSTEMS. COORDINATE ROUGH-IN
 REQUIREMENTS
 AND INSTALLATION REQUIREMENTS WITH OTHER TRADES.
- K PERFORM WORK FOR REMOVAL AND DISPOSAL OF EQUIPMENT AND MATERIALS CONTAINING TOXIC SUBSTANCES REGULATED UNDER THE FEDERAL TOXIC SUBSTANCES CONTROL ACT (TSCA) IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. APPLICABLE EQUIPMENT AND MATERIALS INCLUDE, BUT ARE NOT LIMITED TO:
- 1. PCB-CONTAINING ELECTRICAL EQUIPMENT, INCLUDING TRANSFORMERS, CAPACITORS, AND SWITCHES.
 2. PCB- AND DEHP-CONTAINING LIGHTING BALLASTS.
 3. MERCURY-CONTAINING LAMPS AND TUBES, INCLUDING FLUORESCENT LAMPS, HIGH INTENSITY DISCHARGE (HID), ARC LAMPS, ULTRA-VIOLET, HIGH PRESSURE SODIUM, MERCURY VAPOR, IGNITRON TUBES, NEON, AND INCANDESCENT.
- REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.
- M REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY.
- N REMOVE EXPOSED ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONDUIT FLUSH WITH WALLS AND FLOORS, AND PATCH SURFACES.
- O DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS THAT ARE NOT REMOVED.
- P DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.
- REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
- MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS THAT REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL AS APPROPRIATE
- REMOVE AND RESTORE WIRING WHICH SERVES USABLE OUTLETS CLEAR OF CONSTRUCTION OR DEMOLITION.

KEYED NOTES

1 RELOCATE EXISTING LIGHTING CONTROL SWITCH TO LOCATION INDICATED. WIRE AND CONNECT FOR A FULLY FUNCTIONING LIGHTING CONTROL SYSTEM FOR THE SPACE.

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CLASSROOM WALLS PHASE 3 - FINDLEY ELEMENTAR

20.5001 20.5001 20.5001 20.5001 20.5001 20.5001 20.5001 20.5001 20.5001 20.5001 20.5001

DATE:

10/21/2022

LOWER LEVEL FLOOR PLAN -ELECTRICAL

E112

NOTE: NOT ALL ABBREVIATIONS SHOWN MAY BE USED OR LISTED

L. NO	ALL ADDICEVIATIONS SHOWN MATE	IL USLD O	KLIGIED
A/C	AIR CONDITIONING	LAV	LAVATORY
ACT	ACOUSTICAL CEILING TILE	LVT	LUXURY VINYL TILE
ADA	AMERICAN W/DISABILITIES ACT		
ADJ	ADJUSTABLE	MAX	MAXIMUM
AFF	ABOVE FINISHED FLOOR	MDF	MEDIUM DENSITY FIBERBOARD
ALT	ALTERNATE, ALTERNITIVE	MI	MIRROR
AOW	AREA OF WORK	MIN	MINIMUM
		MO	MASONRY OPENING
BATT	BATT INSULATION	MTL	METAL
BD	BOARD		

NOT IN CONTRACT

OUTSIDE DIAMETER or

OVERFLOW DRAIN

OWNER FURNISHED,

CONTRACTOR INSTALLED

NTS NOT TO SCALE

ON CENTER

OFOI OWNER FURNISHED,

RADIUS, RISER

ROOF DRAIN

REPLACE

REQUIRED

ROOM

RT RESILIENT TILE

RESILIENT BASE

RETURN or RETENTION

RESILIENT FLOORING

ROUGH OPENING

SAM SELF ADHERED FLEXIBLE

VCT VINYL COMPOSITE TILE

WEST or WIDTH

WIDE FLANGE

WWF WELDED WIRE FABRIC

WATER HEATER

WRB WEATHER RESISTANT BARRIER

VERTICAL

WITH

WOOD

W PANELWOOD PANELING

COAT

HOOK

LIFE SAFETY MOUNTING HEIGHTS

W/O WITHOUT

VEN VENEER

VERT

FLASHING

SIMILAR

BLDG BUILDING BLK BLOCK BLKG BLOCKING **BOTTOM OF** BOC BACK OF CURB BOD BASIS OF DESIGN BOT BOTTOM BOTH SIDES

CFCI

CLG

CLO

CLR

CMU

CSMT

CTR

CTSK

DIA

DIM

DN

DW

ELEV

ENM

ETR

EXT

FABX

FD

FEC

FOC

FOF

FOM

FOS

GYP

JAN

RESTROOMS CLEARANCES AND MOUNTING HEIGHTS

LAVATORIES

MIRRORS

FIN. FLOOR

DRINKING

8" MIN. FOUNTAIN

5" MAX.

EΟ

DIM PT

CATCH BASIN CEMENT BACKER BOARD CONTRACTOR FURNISHED, CONTRACTOR INSTALLED CONTRACTOR FURNISHED.

OWNER INSTALLED

CORNER GUARD

CONTROL JOINT

CENTER LINE

CLEAR(ANCE)

CASEMENT

CENTER

DIAMETER

DOWN

DIMENSION

DIMENSION POINT

DAMPPROOFING

EXPANSION BOLT

EXPANSION JOINT

ELECTRIC OUTLET

EXISTING TO REMAIN

FURNISH AND INSTALL

DISHWASHER

FXISTING EACH

ELEVATION

EXTERIOR

FIRE ALARM

FIRE ALARM BOX

FINISHED FLOOR

FACE OF CONCRETE

GLASS MASONRY UNIT

FACE OF FINISH

FACE OF STUD

GWB GYPSUM WALL BOARD

HVAC HEATING, VENTILATION &

AIR CONDITIONING

JANITOR'S CLOSET

CLEAR.ನಾ

EQ EQ

SIGN

8" MIN.

6" MAX

GYPSUM

HEIGHT

JANITOR

HDRL HANDRAIL HDW HARDWARE

FACE OF MASONRY

FLOOR DRAIN

EQUIPMENT

ENAMEL

CERAMIC TILE

COUNTERSINK

CSWK CASEWORK

DEMO DEMOLITION

CEMENT PLASTER

CEILING

CLOSET

OWNER INSTALLED ОН OVERHEAD OTS OPEN TO STRUCTURE PLATE or PLASTIC LAMINATE or PROPERTY LINE PRESSURE TREATED PWD PLYWOOD QUARRY TILE QTY QUANTITY

CONCRETE MASONRY UNIT RELOC RELOCATED(D) REPL REQ RET

STN STONE SLAB/VENEER SHEET VINYL SYM SYMBOL or SYMMETRICAL TEMPERED or TILE TOP & BOTTOM TONGUE & GROOVE TRECH DRAIN or TOWN DOWN! THK THICK(NESS) TO MATCH TOP OF TOP OF DECK TOP TOP OF PARAPET or TOP OF PAVEMENT FIRE EXTINGUISHER CABINET TOR TOP OF ROOF TOS TOP OF SLAB or TOP OF STEEL FURNITURE, FIXTURE & TWO TOP OF WALL T-STAT TERMOSTAT TS TUBE STEEL FACE OF or FINISHED OPENING TYP TYPICAL UNO UNLESS NOTED OTHERWISE UOS UNDERSIDE OF STRUCTURE

SPECIALTIES - FIRE EXTINGUISHERS

A. SURVEY EXISTING CONDITIONS OF ENTIRE FLOOR THAT PROJECT OCCURS AND PROVIDE NOT LESS THAN ONE APPROVED FIRE EXTINGUISHER WITH RATING NOT LESS THAN 20A 10B/C FOR EACH 1,500SF OF FLOOR AREA OR FRACTION THEREOF. TRAVEL DISTANCES TO AN EXTINGUISHER FROM ANY PORTION OF THE BUILDING SHALL NOT EXCEED 75 FEET. PROVIDE FIRE EXTINGUISHER(S) IN ACCORDANCE WITH CURRENT

FIRE PROTECTION, ALARM AND EXTINGUISHERS

B. PROVIDE NEW FIRE EXTINGUISHER(S) AT ALL EXISTING CABINETS WHERE MISSING. ALL REUSED EXISTING FIRE EXTINGUISHERS ARE TO BE INSPECTED AND/OR RECHARGED, AS NECESSARY, PRIOR TO SUBSTANTIAL COMPLETION.

FIRE PROTECTION & ALARM SYSTEMS

A. CONTACT BUILDING MANAGER FOR INSTRUCTIONS WHEN SCHEDULING WORK ON FIRE SPRINKLER AND ALARM SYSTEMS.

B. AUTOMATIC SPRINKLER SYSTEM SUPERVISION: ALL VALVES, INCLUDING THOSE IN PITS, SHALL BE MONITORED BY UL LISTED FIRE MARSHAL - APPROVED CENTRAL STATION. WATER FLOW AND HIGH/LOW PRESSURE FOR DRY PIPE SYSTEMS (IF USED) SHALL BE SUPERVISED AS WELL AS OTHER FEATURES DEEMED NECESSARY BY CURRENT NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS.

C. PREPARE SPRINKLER SYSTEM SHOP DRAWINGS FOR COORDINATION WITH ARCHITECTS

D. PROVIDE FULLY CONCEALED SPRINLKER HEADS IN HARDLID CEILINGS, UNLESS NOTED

E. PAY ALL FEES AND OBTAIN ALL PERMITS AND APPROVALS FROM AUTHORITIES HAVING JURISDICTION NECESSARY TO COMPLETE THE WORK.

BUILDING ALARM SYSTEM/SMOKE DETECTORS

A. PROVIDE VISUAL AND AUDIBLE ALARM SIGNAL APPLIANCES INTEGRATED INTO THE BUILDING ALARM SYSTEM AS REQUIRED BY ADA AND CURRENT OSSC STANDARDS. PROVIDE ADDITIONAL ELECTRICAL SERVICE AS REQUIRED. COORDINATE REQUIREMENTS WITH BUILDING OWNER. ALARM LOCATIONS INDICATED ON PLANS ARE FOR REFERENCE

B. PROVIDE SHOP DRAWINGS FOR ALARM SYSTEM LAYOUT AS REQUIRED BY CODE.

C. SMOKE DETECTION DEVICES INDICATED ON THE DRAWINGS ARE FOR REFERENCE ONLY CONFIRM SPACING OF DETECTORS WITH DEVICE LISTING.

D. CLEAN AND REPAIR EXISTING SMOKE DETECTORS TO BE REUSED TO GOOD WORKING CONDITION.

MAXIMUM HEIGHT TO DISPENSERS SHOWN,

TOWEL

RECEPTACLE

DISPENSER NAPKIN DISPENSER/ RECEPTACLE

DISPENSER WASTE

WASTE

COORDINATE WITHIN TILE MODULE

HAND TOWEL SEAT COVER SANITARY

CCTV 🔍

`FIRE CLOSED ELECTRICAL

EXTINGUISHER ALARM ALARM CIRCUIT PANEL

STATION & HORN CAMERA

CABINET PULL STROBE TELEVISION

DIMENSIONS MEASURED TO THE

POINT OF OPERATING CONTROL

TOWEL

DISPENSER

ADA REACH RANGES

10" MAX. OBSTR.

FOR SIDE REACH

UNOBSTRUCTED

REACH

PAPER SOAP LOTION HAND

GEL

OBSTRUCTED

SIDE REACH

SURFACE 2'-3" MIN. TO 2-10"

BABY

CHANGE

OBSTRUCTED

FORWARD

REACH

OBSTRUCTED

FORWARD REACH

STATION

ZONE FOR TOILET

PAPER DISPENSER

TP

TOILET PAPER

DISPENSER

MAX WHEN OPENED

HARDWARE, SPECIALITIES & FINISHES

DOOR HARDWARE

A. DOORS SHALL OPEN FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.

B. NEW EXTERIOR DOOR HARDWARE SHALL MATCH EXISTING BUILDING STANDARDS AND BE ADA COMPLIANT. LEVELER HANDLE, HINGES AND CLOSESERS TO ALL MATCH SAME FINISH AND BUILDING STANDARD AND EACH OTHER.

C. CONTRACTOR SHALL VERIFY COMPATABILITY OF HARDWARE SPECIFIED WITH BUILDING KEYING SYSTEM.

D. PROVIDE NEW DOORS WITH FINISH SPECIFIED PER SCHEDULE. PROVIDE DIAGRAM OF WOOD GRAIN DETAIL, MATCHING AND FINISH.

E. PROVIDE DOOR CLOSERS PER SCHEDULE. SUBMIT CUT SHEET FOR ARCHITECT REVIEW AND APPROVAL.

G. PROVIDE DOOR OPENINGS IN RATED WALLS COMPLYING WITH REQUIRED SMOKE CONTROL ASSEMBLY AND INDICATED FIRE PROTECTION RATING. WHERE EXISTING DOOR OPENINGS DO NOT COMPLY WITH PRESENT BUILDING CODE REQUIREMENTS, PROVIDE NEW DOORS, FRAMES AND HARDWARE THAT COMPLY.

H. ADJUST THE RESISTIVE FORCE OF ALL NEW AND EXISTING INTERIOR DOOR CLOSERS IN THE PROJECT AREA TO A MAXIMUM PRESSURE OF 5 LBS TO COMPLY WITH ADA REQUIREMENTS.

FINISHES - PATCH & REPAIR

I. REPAIR/REFINISH ANY DAMAGE TO EXISTING FINISH SURFACES IN IMPROVEMENT AREA CAUSED BY CONSTRUCTION OPERATIONS.

J. PAINT EXISTING WALLS WITH (2) COATS OF EGGSHELL FINISH PAINT UNLESS NOTED OTHERWISE. SUBMIT COLOR DRAW-DOWNS TO ARCHITECT FOR APPROVAL PRIOR TO

K. WHERE ALL NEW PARTITIONS ABUT, JOIN OR CONNECT TO EXISTING SURFACES, WALLS OR NEW CONSTRUCTION, ALIGN THE FINISH SURFACE.

L. ALL NEW WALLS AND PARTITIONS SHALL HAVE TAPED JOINTS (3) COATS SANDED AND PRIMED TO MEET PAINT READY REQUIREMENTS.

M. EXISTING WALLS AND SURFACES SHALL BE STRIPPED, RESURFACED AND PATCHED AS REQUIRED.

N. PROVIDE A FULL GALLON OF EACH WALL COLOR WITH LABELS IN TENANT SUITE. LABEL ALL LEFT OVER PAINT AND DELIVER TO OWNER WHERE DIRECTED.

O. TAPE AND SAND EXPOSED GYPSUM BOARD FOR A FLAT, SMOOTH SURFACE FINISH TO MATCH EXISTING ADJACENT SURFACES IN BUILDING UNLESS NOTED OTHERWISE.

P. PROVIDE FINISH MATERIALS MATCHING ESTABLISHED BUILDING STANDARD QUALITY. UNLESS NOTED OTHERWISE. PROVIDE COLORS APPROVED BY OWNER AND ARCHITECT.

CLEAR SPACE '

4' - 6"

3' - 6" MIN. - 0" MAX

CLEAR SPACE

1' - 6" 2' - 0" 1' - 6" WATER CLOSETS

PROTRUDING

OBJECTS

Q. CONTRACTOR TO FILL AND PATCH EXISTING CONCRETE SLABS AND SHALL PROVIDE SMOOTH UNIFORM SURFACE PRIOR TO NEW FLOOR COVERINGS TO BE INSTALLED.

GENERAL NOTES - PROJECT

A. REVIEW ALL CONSTRUCTION DOCUMENTS AND SPECIFICATIONS AND COMPARE THEM TO FIELD CONDITIONS PRIOR TO PROCEEDING WITH THE WORK. IMMEDIATELY REPORT ANY CONFLICTS, DISCREPANCIES, OR OMISSIONS TO THE ARCHITECT PRIOR TO SUBMITTING

B. ALL WORK SHALL BE DONE IN CONFORMANCE WITH THE LATEST EDITION OF APPLICABLE BUILDING CODES, PROGRAM GUIDES OR OTHER REQUIREMENTS OF THE LOCAL JURISDICTION.

C. ALL WORK, BOTH NEW AND IN PLACE, IS TO MEET THE BUILDING FIRE-LIFE SAFETY SUMMARY IN THE AREA OF REMODEL WORK PRIOR TO FINAL INSPECTION.

D. PROVIDE ALL WORK REQUIRED FOR A COMPLETE INSTALLATION WHETHER OR NOT SHOWN OR DESCRIBED.

E. COORDINATE THE MOVEMENT OF PERSONNEL AND MATERIALS WITHIN THE BUILDING AND SIMILAR AREAS WITH THE OWNER'S REPRESENTATIVE. SCHEDULE ACTIVITIES SO THEY ARE NOT DISRUPTIVE TO OCCUPANTS OF THE BUILDING. MAINTAIN EXITING, FIRE PROTECTION AND LIFE SAFETY PER THE FIRE MARSHALL'S OFFICE. COORDINATE DISRUPTIVE WORK FOR AFTER BUSINESS HOURS.

F. CONTRACTOR SHALL NOT SCALE THE DRAWINGS OR DETAILS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND CONDITIONS AT THE JOBSITE. WHERE WRITTEN DIMENSIONS ARE NOT INDICATED OR CANNOT BE DISCERNED FROM THE CONSTRUCTION DOCUMENTS, CONTACT THE ARCHITECT FOR CLARIFICATION.

G. NOTIFY THE ARCHITECT IN WRITING IF THERE ARE ANY CORRECTIONS OR CHANGES REQUIRED TO THE CONSTRUCTION DOCUMENTS BY THE AUTHORITY HAVING JURISDICTION. CORRECTION LIST OR COMMENTS MUST BE DELIVERED TO THE DESIGN AGENCY VIA EMAIL AND INCORPORATED BY THE CONTRACTOR INTO THE PERMIT SET.

H. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL TRADES, INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL REQUIREMENTS.

IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO FOLLOW AND COORDINATE ALL ITEMS PER THE MANUFACTURE'S PRINTED INSTRUCTIONS, SPECIFICATIONS AND INSTALLATION DETAILS. THE INSTALLATION OF ALL BUILDING PRODUCTS (INTERIOR AND EXTERIOR), FIXTURES, EQUIPMENT, ETC. SHALL FOLLOW MANUFACTURER INSTALLATION REQUIREMENTS.

CONSTRUCTION PHASE

J. THE ARCHITECT SHALL NOT HAVE CONTROL OVER NOR IS RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES IN THE EXECUTION OF THE WORK. SAFETY PRECAUTIONS OR PROGRAMS CONNECTION WITH THE PROJECT ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

MATERIAL SPECIFICATIONS

K. SPECIFIC ITEMS DESCRIBED, LISTED OR DRAWN WITHIN THE CONSTRUCTION SET ARE CONSIDERED THE BASIS OF DESIGN FOR THE PROJECT. IF A SUBSTITUTION IS PROPOSED. THE GENERAL CONTRACTOR IS TO CERTIFY THAT THE PRODUCT IS OF EQUAL OR GREATER PERFORMANCE OR REQUEST REVIEW BY THE DESIGN AGENCY IN WRITING.

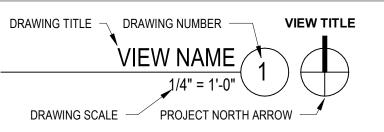
L. THE GENERAL CONTRACTOR SHOULD CONFIRM APPLICABILITY OF ALL SPECIFIED PRODUCTS WITH THE MANUFACTURER FOR SPECIFIC USE AS SHOWN PRIOR TO PURCHASING AND INSTALLATION.

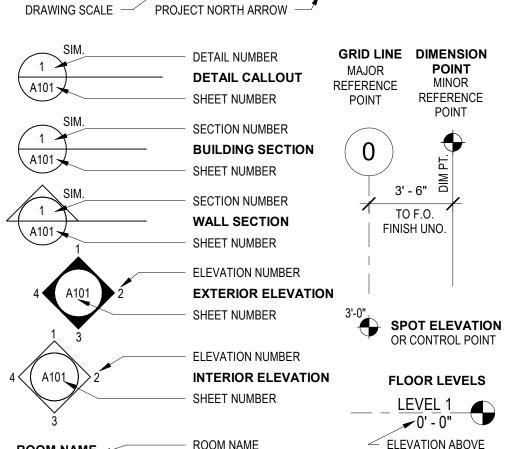
SUBMITTAL PROCEDURES

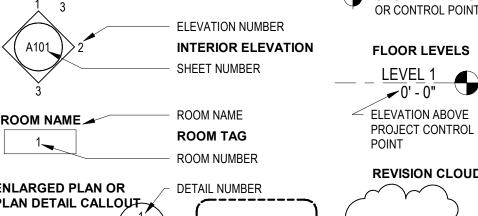
M. THE GENERAL CONTRACTOR SHALL PROVIDE THE ARCHITECT AND BUILDING OWNER PRODUCT DATA, CUTSHEETS AND SHOP DRAWINGS OF INSTALLED PRODUCTS OR DESIGN-BUILD ITEMS IN DIGITAL .PDF FORMAT FOR REVIEW FOLLOWING THE CONTRACTOR'S REVIEW FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. ARCHITECT WILL THEN REVIEW EACH SUBMITTED FOR GENRAL COMFORMAMANCE.

N. PROVIDE A MINIMUM (2) PHYSICAL PRODUCT SAMPLES FOR EACH FINISH, INCLUDING PAINT DRAWDOWNS, SPECIFIED WITHIN THESE DRAWINGS.

GENERAL SYMBOLS







REVISION CLOUD ENLARGED PLAN OR PLAN DETAIL CALLOUT SHEET NUMBER SLOPE SYMBOLS

SLOPE UP SLOPE DOWN

CLASSROOM WALLS PHASE 3 -

PROJECT SUMMARY

PROJECT NAME: PROJECT ADDRESS:

NANCY RYLES ELEMENTARY SCHOOL 10250 SW CORMORANT DR BEAVERTON OR 97007

JURISDICTION: CITY OF BEAVERTON CONSTRUCITON TYPE: V-B (SPRINKLERED) BUILDING HEIGHT: 2 STORY BUILDING OCCUPANCY: EDUCATIONAL, ASSEMBLY (NON-SEPRATED)

PROJECT SCOPE

INTERIOR ALTERATION TO PROVIDE SECURITY IMPROVEMENTS TO EXISTING CLASSROOM AND EDUCATION COMMONS AREA. SCOPE INCLUDES BUILDING NEW PARTITIONS AT EXISTING OPENINGS WITH NEW CLASSROOM ENTRY DOORS. EXISTING OCCUPANCY. OCCUPANTS AND EGRESS PATTERNS ARE UNCHANGED.

ADDITIONAL SCOPE ADDRESSES 25% FOR ADA UPGRADES.

PROJECT TEAM

BEAVERTON SCHOOL DISCTRICT 1260 NORTHWEST WATERHOUSE AVENUE, BEAVERTON, OR 97006

ATTN: JASON MOURRAY

JASON_MOURRARY@BEAVERTON.K12.OR.US

ARCHITECT: HBX STUDIO ARCHITECTURE, INC. 831 SE SALMON ST SUITE 140 PORTLAND, OR 97214 WWW.HBX-STUDIO.COM

> ATTN: MICHAEL BARRETT, AIA MICHAEL@HBX-STUDIO.COM

CONTRACTOR: TBD

LIST OF DRAWINGS CURRENT SHEET DRAWING NAME REVISION G031 COVER PAGE G131 SITE PLAN & ACCESSIBLE PARKING G132 FIRE & LIFE SAFETY PLAN - MAIN LEVEL G133 FIRE & LIFE SAFETY PLAN - LOWER LEVEL A131 FLOOR PLAN - MAIN LEVEL A132 FLOOR PLAN - LOWER LEVEL A133 ENLARGED PLAN - TYPICAL CLASSROOM ENLARGED TYPICAL CEILING PLAN TYPICAL PARTITION DETAILS TYPICAL PARTITION DETAILS DOORS, FRAMES HARDWARE SCHEDULE & TYPICAL OPENING LEGEND AND ABBREVIATIONS - ELECTRICAL MAIN LEVEL FLOOR PLAN - ELECTRICAL E112 LOWER LEVEL FLOOR PLAN - ELECTRICAL

DEFERRED SUBMITTALS - DESIGN/BUILD

ALL DEFERRED SUBMITTALS SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL WITH A NOTATION INDICATING THAT THE DOCUMENTS HAVE BEEN REVIEWED AND FOUND TO BE IN CONFORMANCE WITH THE DESIGN DIRECTION WITHIN THESE DOCUMENTS.

ALL WORK IS SUBJECT TO FIELD INSPECTION, DO NOT COVER WORK PRIOR TO CITY INSPECTION.

PLUMBING SYSTEMS

SEPARATE PERMIT(S)

HAVING JURISDCIATION.

SEPARATE PERMITS ARE REQUIRED FOR THE BELOW ITEMS. THE GENERAL CONTRACOTR SUBMIT PLANS FOR REVIEW AND APPROVAL TO THE LOCAL AUTHORITY

FIRE PROTECTION SYSTEMS

FIRE ALARM SYSTEMS

SSROOM WALL

HBX-STUDIO.COM

MICHAEL

MUNUI DUNUH

REVISIONS:

COVER PAGE

PROJECT:

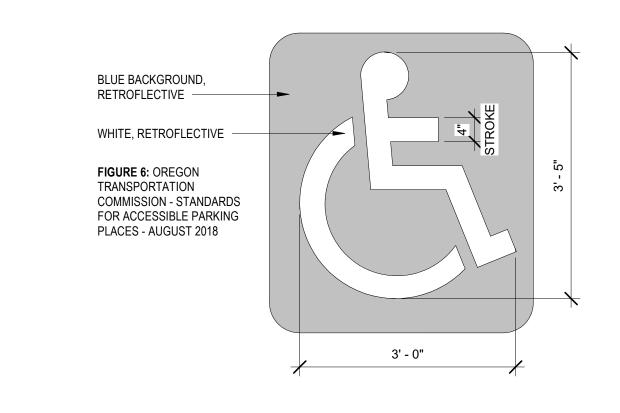
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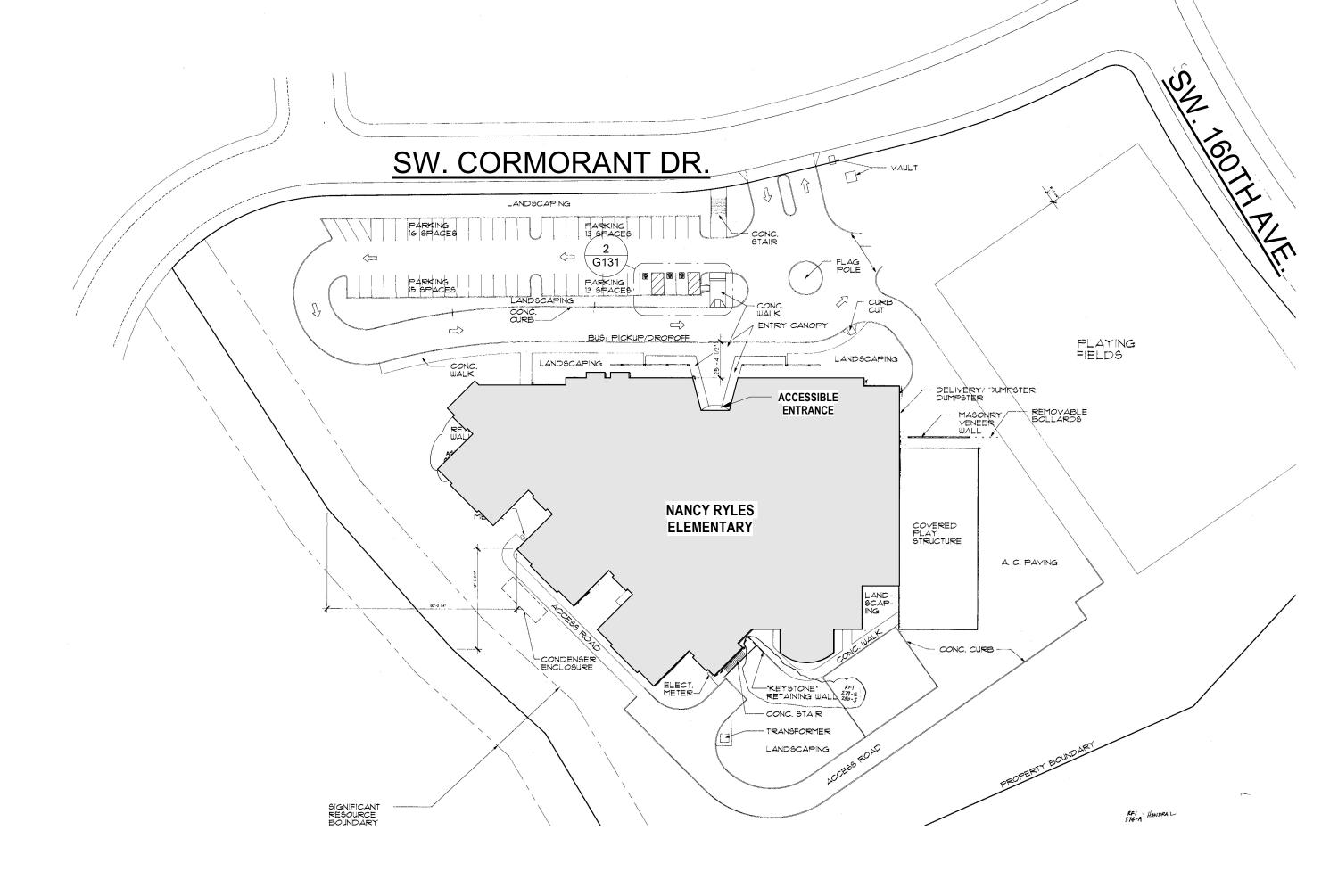


PARKING WITH D.M.V DISABLED PERMIT ONL /IOLATORS SUBJECT 1 TOWING UNDER ORS 811.620 AND FINI UP TO \$470 UNDER ORS 811.615

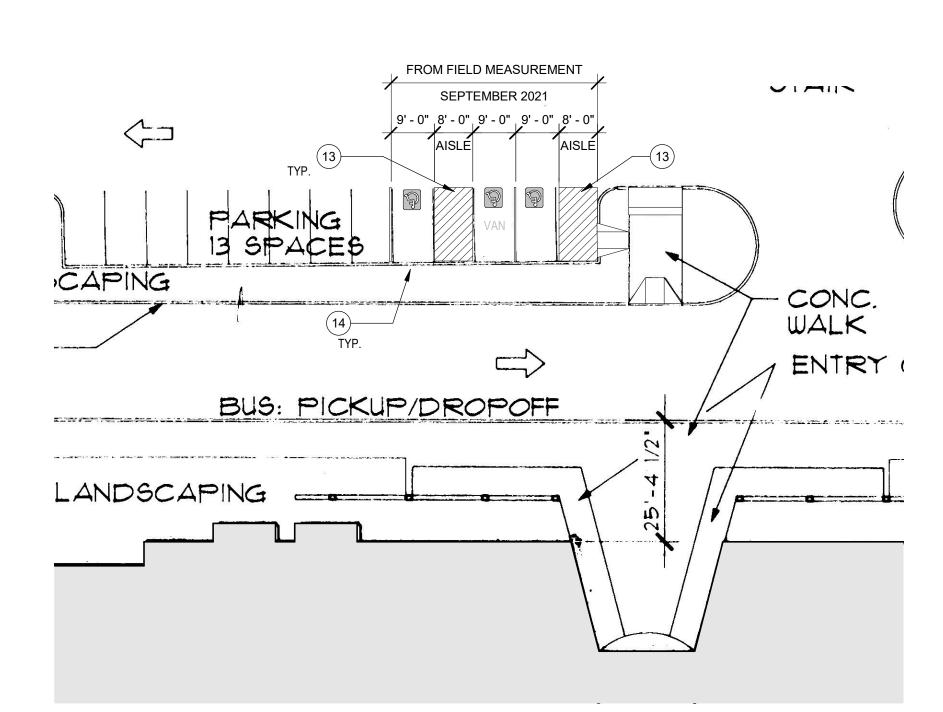
ACCESSIBLE SIGNAGE

ACCESSIBLE SIGNAGE STENCILING
3/4" = 1'-0"

5







ACCESSIBLE PARKING LOCATION

1" = 20'-0"

6

ACCESSIBLE PARKING SCOPE REPLACE EXISTING PARKING SIGNS WITH CURRENT

ODOT STANDARD (R7-8 & 7-8A) AS SHOWN ON PLAN AND PHOTOGRAPH.

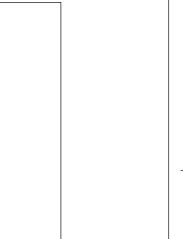
VERIFY EXISTING POLE HEIGHT MEETS REQUIREMENTS

OF DETAIL 4 ON THIS PAGE. IF NON-COMPLIANT, REPLACE

PROVIDE SUPPLEMENTAL "NO PARKING" PAVEMENT MARKING WITHIN EXISTING STRIPING AISLES. COORDINATE TIMING AND BUNDLING WITH DISTRICT IF WORK IS PERFORMED PRIOR TO THE SCOPE CONTAINED WITHIN THIS DOCUMENT SET.



EXISTING PARKING - NEW SIGNAGE SCOPE 1/8" = 1'-0" 2





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ORS 447.241 (25% ADA RULE) COMPLIANCE

EVERY PROJECT FOR RENOVATION, ALTERATION OR MODIFICATION TO AFFECTED BUILDINGS AND RELATED FACILITIES THAT AFFECTS OR COULD AFFECT THE USABILITY OF OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION SHALL BE MADE TO INSURE THAT, TO THE MAXIMUM EXTENT FEASIBLE, THE PATHS OF TRAVEL TO THE ALTERED AREA AND THE RESTROOMS, TELEPHONES AND DRINKING FOUNTAINS SERVING THE ALTERED AREA ARE READILY ACCESSIBLE TO AND USEABLE BY INDIVIDUALS WITH DISABILITIES, UNLESS SUCH ALTERATIONS ARE DISPROPORTIONATE TO THE OVERALL ALTERATIONS IN TERMS OF COST AND SCOPE.

EXISTING NON-COMPLIANT ITEMS WITHIN THE PATH OF TRAVEL TO THE AFFECTED AREA(S) OR ELEMENTS SERVING THE ALTERED AREA PROPOSED TO BE REMEDIATED WITHIN THIS PROJECT SCOPE INCLUDE:

- NEW ACCESSIBLE PARKING SIGNAGE & PAVING MARKINGS TO MEET CURRENT REQUIREMENTS AT EXISTING ADA PARKING ACCESS AISLE (ODOT - STANDARDS FOR ACCESSIBLE PARKING - 2018)
- REPLACEMENT OF DOUBLE LEAF DOORS INTO EXISTING COMMONS WITH NEW DOORS TO PROVIDE MINIMINUM 32" CLEARANCE AT DOOR OPENINGS (404.2 - MANUAL DOORS)
- REMOVAL OF DOOR LEAVES AT EXISTING STUDENT RESTROOMS (404.2 -MANUAL DOORS) INSTALLATION OF STAIR LEVEL IDENTIFICATION SIGNAGE AT EXISTING
- STAIRWAYS WITHIN THE ALTERED AREA (504.9) REPLACEMENT OF EXISTING DRINKING FOUNTAINS WITH NEW ADA COMPLIANT SPLIT DRINKING FOUNTAINS (602.5)

FOLLOWING COMPLETION OF THIS PROJECT, NO ADDITIONAL BARRIERS ARE KNOWN WITHIN THE PROJECT AREA SUBJECT TO ORS 447.241.

NOTE THAT THE EXISTING STAFF RESTROOMS ON THE GROUND FLOOR ARE CONSIDERED COMPLIANT WITH THE AMERICAN WITH DISABILITIES ACT TITLE III -SAFE HARBOR EXCEPTION FOR MEETING THE REQUIREMENTS OF ANSI A117.1-1991 AS MODIFIED AND CODIFIED BY CHAPTER 11 OF THE 1990 OSSC. THESE RESTROOMS ARE CONNECTED BY A COMPLIANT ACCESSIBLE ROUTE FROM ALL ALTERED AREAS WITHIN THIS PROJECT.

KEYED NOTES - PROJECT SCOPE

- 1 ALIGN F.O. FINISHES, TYP.
- 2 SEE TYPICAL ENLARGED PLANS AND KEYNOTES FOR SCOPE WTIHIN THIS AREA. 3 PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL.
- 4 EXISTING OPERABLE PARTITION. GC TO RECYCLE IF POSSIBLE. EXISTING HEADTRACK TO REMAIN. FIELD VERIFY HEADTRACKS PRIOR TO INSTALLATION OF NEW PARTITION.
- PROVIDE 2X WOOD BLOCKING FOR FUTURE WALL MOUNTED BOARD (CFCI) ALONG ENTIRE LENGTH OF THIS WALL. SEE TYPICAL ELEVATION AND BLOCKING DETAIL.
- REMOVE (E) DOOR AND HARDWARE. SEE TYPICAL DETAIL FOR PATCH AND PAINT REQUIREMENTS.
- PROVIDE STAIR LEVEL IDENTIFICATION SIGN IN RAISED CHARACTERS AND BRAILLE TO MEET THE REQUIREMENTS OF 2009 ICC A117.1 504.9 AT EACH FLOOR LEVEL LANDING ADJACENT OT THE DOOR LEADING FROM THE STAIRWELL INTO THE CORRIDOR TO IDENTIFY THE FLOOR LEVEL. PROVIDE ADDITIONAL SIGN AT STAIRWELL EXIT DOOR STATING 'EXIT.' SIGNS TO MATCH EXISTING CODE REQUIRED SIGNAGE FOR COLOR, SIZE
- AND FONT WITHIN THE BUILDING. REPLACE EXISTING DRINKING FOUNTAIN WITH NEW MULTI SPLIT DRINKING FOUNTAIN. PATCH AND REPAIR FINISHES DAMAGED BY REMOVAL OF THE EXISTING DRINKING
- FOUNTAIN NOT CONCEALED BY THE NEW FOUNTAIN. SEE PL-1 FOR FIXTURE PROVIDE TRAFFIC COATING "NO PARKING" MARKING AT EXISTING ADA ACCESS AISLE. 14 PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL, SEE SITE PLAN FOR TYPICAL
- 17 INSTALL OWNER PROVIDED ROOM SIGANGE, TYP. ALL SIGNAGE TO MATCH DISTRICT
- STANDARD AND SHALL BE CFCI 18 INSTALL NEW 3"x3"x48" STAINLESS STEEL CORNER GUARD ABOVE WALL BASE
- MECHANICALLY FASTENED.

S SROOM WALL PROJECT: DATE: 11/10/2022

 \mathcal{C}

SITE PLAN & ACCESSIBLE PARKING

21005.03

G131

FIRE & LIFE SAFETY PLAN - MAIN LEVEL

ORS 447.241 (25% ADA RULE) COMPLIANCE

EVERY PROJECT FOR RENOVATION, ALTERATION OR MODIFICATION TO AFFECTED BUILDINGS AND RELATED FACILITIES THAT AFFECTS OR COULD AFFECT THE USABILITY OF OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION SHALL BE MADE TO INSURE THAT, TO THE MAXIMUM EXTENT FEASIBLE, THE PATHS OF TRAVEL TO THE ALTERED AREA AND THE RESTROOMS, TELEPHONES AND DRINKING FOUNTAINS SERVING THE ALTERED AREA ARE READILY ACCESSIBLE TO AND USEABLE BY INDIVIDUALS WITH DISABILITIES, UNLESS SUCH ALTERATIONS ARE DISPROPORTIONATE TO THE OVERALL ALTERATIONS IN TERMS OF COST AND SCOPE.

EXISTING NON-COMPLIANT ITEMS WITHIN THE PATH OF TRAVEL TO THE AFFECTED AREA(S) OR ELEMENTS SERVING THE ALTERED AREA PROPOSED TO BE REMEDIATED WITHIN THIS PROJECT SCOPE INCLUDE:

- NEW ACCESSIBLE PARKING SIGNAGE & PAVING MARKINGS TO MEET CURRENT REQUIREMENTS AT EXISTING ADA PARKING ACCESS AISLE (ODOT - STANDARDS FOR ACCESSIBLE PARKING - 2018) REPLACEMENT OF DOUBLE LEAF DOORS INTO EXISTING COMMONS WITH
- (404.2 MANUAL DOORS) REMOVAL OF DOOR LEAVES AT EXISTING STUDENT RESTROOMS (404.2 -MANUAL DOORS)

NEW DOORS TO PROVIDE MINIMINUM 32" CLEARANCE AT DOOR OPENINGS

- INSTALLATION OF STAIR LEVEL IDENTIFICATION SIGNAGE AT EXISTING STAIRWAYS WITHIN THE ALTERED AREA (504.9)
- REPLACEMENT OF EXISTING DRINKING FOUNTAINS WITH NEW ADA COMPLIANT SPLIT DRINKING FOUNTAINS (602.5)

FOLLOWING COMPLETION OF THIS PROJECT. NO ADDITIONAL BARRIERS ARE KNOWN WITHIN THE PROJECT AREA SUBJECT TO ORS 447.241.

NOTE THAT THE EXISTING STAFF RESTROOMS ON THE GROUND FLOOR ARE CONSIDERED COMPLIANT WITH THE AMERICAN WITH DISABILITIES ACT TITLE III -SAFE HARBOR EXCEPTION FOR MEETING THE REQUIREMENTS OF ANSI A117.1-1991 AS MODIFIED AND CODIFIED BY CHAPTER 11 OF THE 1990 OSSC. THESE RESTROOMS ARE CONNECTED BY A COMPLIANT ACCESSIBLE ROUTE FROM ALL ALTERED AREAS WITHIN THIS PROJECT.

CODE REQUIRED SIGANGE

- A. PROVIDE REQUIRED CODE REQUIRED SIGNAGE AS PRESCRIBED BY THE OREGON STRUCTURAL SPECIALTY CODE AND THE INTERNATIONAL FIRE CODE. COORDINATE LOCATION WITH ARCHITECT AND AUTHORITY HAVING JURISDICTION PRIOR TO
- B. THE FOLLOWING ITEMS ARE TYPICALLY PROVIDED BY THE GENERAL CONTRACTOR, BUT MAY NOT EXHAUSTIVE OF ALL UNIQUE PROJECT REQUIREMENTS. COORDINATE EXTENT OF CODE REQUIRED SIGNAGE WITHIN THIS PROJECT WITH ARCHITECT OF RECORD PRIOR TO SUBSTANTIAL COMPLETION.
- C. OREGON SPECIALTY STRUCTURAL CODE BASED ON THE INTERNATIONAL BUILDING CODE (IBC)

- OCCUPANT LOAD (1004.3) - TWO-WAY COMMUNICATION DEVICES (IBC 1007.8.2) - AREAS OF REFUGE (IBC 1007.9) - DELAYED EMERGENCY EXIT DOORS (IBC 1008.1.9) - KEY LOCKS ON EGRESS SIDE OF DOORS (IBC 1008.1.9) - EXIT SIGNAGE (IBC 1011.1) - FLOOR IDENTIFICATION (IBC 1022.8) - ACCESSIBILITY ELEMENTS AND DIRECTIONAL SIGNAGE (IBC 1110) - ELEVATOR EMERGENCY SIGNS (IBC 3002.3)

D. OREGON FIRE CODE - BASED ON THE INTERNATIONAL FIRE CODE (IFC)

- NO SMOKING (IFC 310.3) - PREMISES IDENTIFICATION (IFC 505.1) - FIRE PROTECTION EQUIPMENT SIGNS (IFC 509.1) - ELECTRICAL CONTROL ROOMS (IFC 605.3.1) - FIRE DOORS (IFC 703.2.1) - FIRE DEPARTMENT CONNECTIONS (IFC 912.4)

RATED ASSEMBLIES

- A. WHERE RATED ASSEMBLIES ARE SHOWN ON THE FLS PLAN, PROVIDE A UL OR GA LISTED RATED ASSEMBLY TO MEET THE FIRE RATING REQUIREMENTS TO THE ARCHITECT FOR
- B. PROVIDE A UL OR GA LISTED PERIMETER JOINT ASSEMBLY AND THROUGH PENETRATION FIRE STOP ASSMEMBLY MEETING THE FIRE RATED REQUIREMENT OF THE WALL, FLOOR/CEILING OR ROOF ASSMBLY SHOWN ON THE FLS PLANS.
- C. PROVIDE A SUBMITTAL CUTSHEET TO THE ARCHITECT OF EACH SELECTED FIRE RESISTANT ASSEMBLY PRIOR TO INSTALLATION.

EMERGENCY LIGHTING REQUIREMENTS

- A. MEANS OF EGRESS, INCLUDING EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE IS SERVED BY THE MEANS OF EGRESS.
- B. PROVIDE MINIMUM 1 FOOT-CANDLE OF ILLUMINATION AT ALL MEANS OF EGRESS. THE POWER SUPPLY FOR THE MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE BUILDINGS ELECTRICAL SUPPLY. IN THE EVENT OF A POWER FAILURE, THE EMERGENCY POWER SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT, OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH 2015 IBC SECTION 2702 AND 2015 IBC SECTION 1006.
- C. PRIOR TO FINAL INSPECTION, SUBMIT DOCUMENTATION SUBSTANTIATING THE COMPLETION OF TEST FOR THE MEANS OF EGRESS ILLUMINATION LEVEL PER 2015 IBC 1008.2.1, 1008.3 AND EMERGENCY POWER PER 1008.3.5.

FIRE LIFE SAFETY (BY GENERAL CONTRACTOR)

THE FOLLOWING ITEMS ARE FIRE LIFE SAFETY REQUIREMENTS TO BE COMPLETED BY THE GENERAL CONTRACTOR. PROVIDE THE APPROPRIATE SUBMITTAL TO THE ARCHITECT FOR REVIEW AND COORDINATION PRIOR TO SUBMITTING TO THE AUTHOROITY HAVING

DELEGATED DESIGN SUBMITTALS/PERMITS

- A. ITEMS LISTED AS A DEFERRED SUBMITTAL OR DESIGN BUILD ITEMS ON SHEET G001 REQUIRE ENGINEERING TO BE PROVIDED BY THE GENERAL CONTRACTOR.
- B. PROVIDE A COMPLETE AND ENGINEERED SYSTEM TO MEET THE DESIGN INTENT CONTAINED WITHIN THESE CONTRACT DOCUMENTS. PROVIDE A SUBMITTAL TO THE ARCHITECT FOR REVIEW OF DESIGN INTENT CONFORMANCE ONLY; THIS REVIEW DOES NOT CONSTITUTE A PROFESSIONAL PEER REVIEW OF THE SYSTEMS SUBMITTED.
- WHERE A LICENSED DESIGN PROFESSIONAL IS REQUIRED BY THE AUTHORITY HAVING JURISDICTION, THE GENERAL CONTRACTOR IS TO SECURE THESE SERVICES AND PROVIDE STAMPED DOCUMENTS TO MEET THE LOCAL REQUIREMENTS FOR A DEFERRED SUBMITTAL OR SEPARATE PERMIT.
- ADDITIONAL DEFERRED SUBMITTAL OR PERMIT FEES TO BE PAID BY THE GENERAL CONTRACTOR.





REVISIONS:

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CODE SUMMARY

APPLICABLE CODES

2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC) 2019 OREGON ZERO ENERGY READY COMMERCIAL CODE (OSSC CHAPTER 13) 2019 OREGON MECHANICAL SPECIALTYCODE (OMSC) 2017 OREGON PLUMBING SPECIALTY CODE (OPSC) 2017 OREGON ELECTRICAL SPECIALTY CODE (OESC) 2019 OREGON FIRE CODE (TUALATIN VALLEY FIRE AND RESCUE FIRE CODE APPLICATION GUIDE 3.4R)

CITY OF BEAVERTON MUNICIPAL CODE

ICC/ANSI A117.1 - 2009

CONSTRUCTION TYPE & USE (CHAPTERS 3,4 & 5)

BUILDING OCCUPANCY: E (EDUCATION) CONSTUCTION TYPE: V-B (SPRINKLERED) STORIES: 2 ABOVE GRADE NON-SEPARATED

FIRE-RESISTANT RATING REQUIREMENTS (CHAPTER 6)

PRIMARY STRUCTURAL FRAME 0 HOURS **BEARING WALLS:** 0 HOURS EXTERIOR: INTERIOR: 0 HOURS NON BEARING WALLS AND PARTITIONS: SEE SHELL FLS PLANS EXTERIOR: INTERIOR: 0 HOUR FLOOR CONSTRUTION 0 HOURS

0 HOURS ROOF CONSTRUCTION

INTERIOR FINISHES (CHAPTER 8)

ALL INTERIOR AND CEILING FINISH MATERIALS TO BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL 723 AND MEET THE FOLLOWING SMOKE-DEVELOPED INDEXES AS REQUIRED BY TABLE 803.9 BELOW:

INTERIOR EXIT STAIRWAYS, EXIT RAMPS AND EXIT PASSAGEWAYS: CORRIDORS AND ENCLOSUES FOR EXIT STAIRWAYS AND RAMPS: CLASS B ROOMS AND ENCLOSED SPACES: CLASS C

MEANS OF EGRESS (CHAPTER 10)

1006.2.1 NUMBER OF EXITS: MORE THAN ONE EXIT IS REQUIRED FROM EACH TENANT SUITE IF THE OVERALL OCCUPANT LOAD IS GREATER THAN 49

1006.2.1 COMMON PATH OF EGRESS TRAVEL: THE MAXIMUM COMMON PATH OF EGRESS TRAVEL FOR OCCUPANCY GROUPS E SHALL NOT BE MORE THAN **75 FEET** WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 903.3.1.1

1007.1.1 EXIT DISTANCE: WHERE TWO EXITS ARE REQUIRED, THE SEPARATION DISNACE SHALL NOT BE LESS THAN 1/3RD THE DIAGONAL WITH AN AUTOMATIC SPRINKLER

1016.2 EXIT TRAVEL DISTANCE: MAXIMUM TRAVEL DISTANCE FOR OCCUPANCY E, SPRINKLERED: 250'

LEGEND - FLS PLANS

NOTE: PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS INDICATED BELOW:

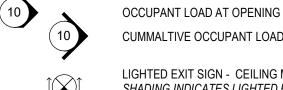
1 HOUR FIRE PARTITION - 45 MINUTE DOOR 1 HOUR FIRE BARRIER - 60 MINUTE DOOR

3 HOUR FIRE BARRIER - 20 MINUTE DOOR EGRESS PATH OF TRAVEL WITH MINIMUM CLEARANCE WIDTH

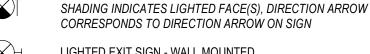
INDICATED. PROVIDE MINIMUM ILLUMINATION FOR EXITING. F - - C.P. X' - X" - - S COMMON PATH OF EGRESS TRAVEL (OSSC 1014.3)

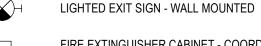
 \vdash - $\xrightarrow{E.A.}$ $\xrightarrow{X'}$ $\xrightarrow{X''}$ $\xrightarrow{-}$ $\xrightarrow{-}$ EXIT ACCESS DISTANCE (OSSC 1016)

— — — — 2 HOUR FIRE BARRIER - 90 MINUTE DOOR



CUMMALTIVE OCCUPANT LOAD AT OPENING LIGHTED EXIT SIGN - CEILING MOUNTED





FIRE EXTINGUISHER CABINET - COORDINATE LOCATION WITH F.E.C FIRE MARSHAL

PROJECT: 21005.03 DATE: 11/10/2022

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ROOM WA

SAFETY PLAN -MAIN LEVEL

G132

FIRE & LIFE

APPLICABLE CODES

2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC) 2019 OREGON ZERO ENERGY READY COMMERCIAL CODE (OSSC CHAPTER 13) 2019 OREGON MECHANICAL SPECIALTYCODE (OMSC) 2017 OREGON PLUMBING SPECIALTY CODE (OPSC) 2017 OREGON ELECTRICAL SPECIALTY CODE (OESC) 2019 OREGON FIRE CODE (TUALATIN VALLEY FIRE AND RESCUE FIRE CODE APPLICATION GUIDE 3.4R)

CITY OF BEAVERTON MUNICIPAL CODE

CONSTRUCTION TYPE & USE (CHAPTERS 3.4 & 5)

BUILDING OCCUPANCY: E (EDUCATION) CONSTUCTION TYPE: STORIES: 2 ABOVE GRADE NON-SEPARATED

FIRE-RESISTANT RATING REQUIREMENTS (CHAPTER 6)

PRIMARY STRUCTURAL FRAME: 0 HOURS BEARING WALLS: 0 HOURS EXTERIOR: INTERIOR: 0 HOURS NON BEARING WALLS AND PARTITIONS: SEE SHELL FLS PLANS EXTERIOR: INTERIOR: 0 HOUR FLOOR CONSTRUTION: 0 HOURS 0 HOURS ROOF CONSTRUCTION

INTERIOR FINISHES (CHAPTER 8)

ALL INTERIOR AND CEILING FINISH MATERIALS TO BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL 723 AND MEET THE FOLLOWING SMOKE-DEVELOPED INDEXES AS REQUIRED BY TABLE 803.9 BELOW:

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MEANS OF EGRESS (CHAPTER 10)

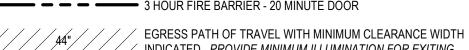
1006.2.1 NUMBER OF EXITS: MORE THAN ONE EXIT IS REQUIRED FROM EACH TENANT SUITE IF THE OVERALL OCCUPANT LOAD IS GREATER THAN 49

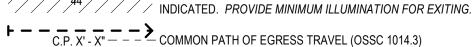
1006.2.1 COMMON PATH OF EGRESS TRAVEL: THE MAXIMUM COMMON PATH OF EGRESS TRAVEL FOR OCCUPANCY GROUPS E SHALL NOT BE MORE THAN **75 FEET** WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 903.3.1.1

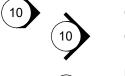
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1016.2 EXIT TRAVEL DISTANCE: MAXIMUM TRAVEL DISTANCE FOR OCCUPANCY E,

LEGEND - FLS PLANS



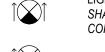




OCCUPANT LOAD AT OPENING CUMMALTIVE OCCUPANT LOAD AT OPENING

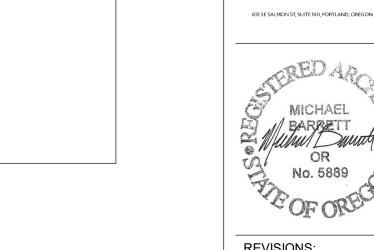


LIGHTED EXIT SIGN - CEILING MOUNTED SHADING INDICATES LIGHTED FACE(S), DIRECTION ARROW



LIGHTED EXIT SIGN - WALL MOUNTED

FIRE EXTINGUISHER CABINET - COORDINATE LOCATION WITH FIRE MARSHAL



CODE SUMMARY

ICC/ANSI A117.1 - 2009

V-B (SPRINKLERED)

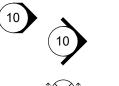
SPRINKLERED: 250'

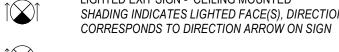
NOTE: PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS INDICATED BELOW:

1 HOUR FIRE PARTITION - 45 MINUTE DOOR 1 HOUR FIRE BARRIER - 60 MINUTE DOOR

— — — — 2 HOUR FIRE BARRIER - 90 MINUTE DOOR 3 HOUR FIRE BARRIER - 20 MINUTE DOOR

 \vdash - $\xrightarrow{\text{E.A.}} \xrightarrow{\text{X'}} - \xrightarrow{\text{X''}} - - - \xrightarrow{\text{EXIT ACCESS DISTANCE (OSSC 1016)}}$





SSROOM WAS CORMORANT DR PROJECT:

DATE:

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FIRE & LIFE SAFETY PLAN -LOWER LEVEL

21005.03

11/10/2022

ORS 447.241 (25% ADA RULE) COMPLIANCE

EVERY PROJECT FOR RENOVATION, ALTERATION OR MODIFICATION TO AFFECTED BUILDINGS AND RELATED FACILITIES THAT AFFECTS OR COULD AFFECT THE USABILITY OF OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION SHALL BE MADE TO INSURE THAT. TO THE MAXIMUM EXTENT FEASIBLE. THE PATHS OF TRAVEL TO THE ALTERED AREA AND THE RESTROOMS, TELEPHONES AND DRINKING FOUNTAINS SERVING THE ALTERED AREA ARE READILY ACCESSIBLE TO AND USEABLE BY INDIVIDUALS WITH DISABILITIES, UNLESS SUCH ALTERATIONS ARE DISPROPORTIONATE TO THE OVERALL ALTERATIONS IN TERMS OF COST AND SCOPE.

EXISTING NON-COMPLIANT ITEMS WITHIN THE PATH OF TRAVEL TO THE AFFECTED AREA(S) OR ELEMENTS SERVING THE ALTERED AREA PROPOSED TO BE REMEDIATED WITHIN THIS PROJECT SCOPE INCLUDE:

- NEW ACCESSIBLE PARKING SIGNAGE & PAVING MARKINGS TO MEET CURRENT REQUIREMENTS AT EXISTING ADA PARKING ACCESS AISLE
- (ODOT STANDARDS FOR ACCESSIBLE PARKING 2018) REPLACEMENT OF DOUBLE LEAF DOORS INTO EXISTING COMMONS WITH NEW DOORS TO PROVIDE MINIMINUM 32" CLEARANCE AT DOOR OPENINGS (404.2 - MANUAL DOORS)

REMOVAL OF DOOR LEAVES AT EXISTING STUDENT RESTROOMS (404.2 -

MANUAL DOORS) INSTALLATION OF STAIR LEVEL IDENTIFICATION SIGNAGE AT EXISTING STAIRWAYS WITHIN THE ALTERED AREA (504.9) REPLACEMENT OF EXISTING DRINKING FOUNTAINS WITH NEW ADA

FOLLOWING COMPLETION OF THIS PROJECT, NO ADDITIONAL BARRIERS ARE KNOWN WITHIN THE PROJECT AREA SUBJECT TO ORS 447.241.

COMPLIANT ACCESSIBLE ROUTE FROM ALL ALTERED AREAS WITHIN THIS PROJECT.

COMPLIANT SPLIT DRINKING FOUNTAINS (602.5)

NOTE THAT THE EXISTING STAFF RESTROOMS ON THE GROUND FLOOR ARE CONSIDERED COMPLIANT WITH THE AMERICAN WITH DISABILITIES ACT TITLE III -SAFE HARBOR EXCEPTION FOR MEETING THE REQUIREMENTS OF ANSI A117.1-1991 AS MODIFIED AND CODIFIED BY CHAPTER 11 OF THE 1990 OSSC. THESE RESTROOMS ARE CONNECTED BY A

CODE REQUIRED SIGANGE

CLASSROOM

179

979 SF

OCC TYPE: E

FACTOR: 20

LOAD: 49

CLASSROOM

178

958 SF

OCC TYPE: E

FACTOR: 20

LOAD: 48

CLASSROOM

177

951 SF

OCC TYPE: E

FACTOR: 20

LOAD: 48

- A. PROVIDE REQUIRED CODE REQUIRED SIGNAGE AS PRESCRIBED BY THE OREGON STRUCTURAL SPECIALTY CODE AND THE INTERNATIONAL FIRE CODE. COORDINATE LOCATION WITH ARCHITECT AND AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION.
- B. THE FOLLOWING ITEMS ARE TYPICALLY PROVIDED BY THE GENERAL CONTRACTOR, BUT MAY NOT EXHAUSTIVE OF ALL UNIQUE PROJECT REQUIREMENTS. COORDINATE EXTENT OF CODE REQUIRED SIGNAGE WITHIN THIS PROJECT WITH ARCHITECT OF RECORD PRIOR TO SUBSTANTIAL COMPLETION.
- C. OREGON SPECIALTY STRUCTURAL CODE BASED ON THE INTERNATIONAL BUILDING CODE (IBC)

- OCCUPANT LOAD (1004.3) - TWO-WAY COMMUNICATION DEVICES (IBC 1007.8.2) - AREAS OF REFUGE (IBC 1007.9) - DELAYED EMERGENCY EXIT DOORS (IBC 1008.1.9) - KEY LOCKS ON EGRESS SIDE OF DOORS (IBC 1008.1.9) - EXIT SIGNAGE (IBC 1011.1) - FLOOR IDENTIFICATION (IBC 1022.8) - ACCESSIBILITY ELEMENTS AND DIRECTIONAL SIGNAGE (IBC 1110) - ELEVATOR EMERGENCY SIGNS (IBC 3002.3)

D. OREGON FIRE CODE - BASED ON THE INTERNATIONAL FIRE CODE (IFC)

- NO SMOKING (IFC 310.3) - PREMISES IDENTIFICATION (IFC 505.1) - FIRE PROTECTION EQUIPMENT SIGNS (IFC 509.1) - ELECTRICAL CONTROL ROOMS (IFC 605.3.1) - FIRE DOORS (IFC 703.2.1) - FIRE DEPARTMENT CONNECTIONS (IFC 912.4)

RATED ASSEMBLIES

A. WHERE RATED ASSEMBLIES ARE SHOWN ON THE FLS PLAN, PROVIDE A UL OR GA LISTED RATED ASSEMBLY TO MEET THE FIRE RATING REQUIREMENTS TO THE ARCHITECT FOR

(E) STUDENT RESTROOMS SERVING ALTERED AREA

49

CLASSROOM

961 SF

OCC TYPE: E

FACTOR: 20

LOAD: 49

49

CLASSROOM

105

961 SF

OCC TYPE: E

FACTOR: 20

LOAD: 49

EXIT STAIR

NOTE: NO NEW WALL AT THIS LOCATION

48

CLASSROOM

110

FACTOR: 20

LOAD: 49

CLASSROOM

108

967 SF

FACTOR: 20

LOAD: 49

CLASSROOM OCC TYPE: E

CLASSROOM

111

OCC TYPE: E

FACTOR: 20

LOAD: 49

109

966 SF

OCC TYPE: E

FACTOR: 20

LOAD: 49

ALTERED AREA - PRIMARY FUNCTION

AREA OUTSIDE OF PROJECT SCOPE

ACCESSIBLE PATH OF TRAVEL TO THE ALTERED AREA

COMMONS

176

799 SF

OCC TYPE: E

FACTOR: 20

LOAD: 40

NOTE: (E) BUILDING CODE PLANS LIST THIS AS A

NOT ENCLOSED AT THE CENTRAL LIBRARY SIDE.

NON-RATED HALL, NOT A CORRIDOR, AS IT IS

COMMONS

112

753 SF

OCC TYPE: E

FACTOR: 20

LOAD: 39

49

49

(E) ELEVATOR

92

COMMONS

107

748 SF

OCC TYPE: E

FACTOR: 20

LOAD: 38

FIRE & LIFE SAFETY PLAN - LOWER LEVEL 1

49

49

(1) HR BUILDING

SEPARATION WALL

(E) STUDENT RESTROOMS

SERVING ALTERED AREA

CLASSROOM

104

977 SF

OCC TYPE: E

FACTOR: 20

LOAD: 49

NO NEW FIRE RATING IS PROPOSED AT SEPARATION FROM COMMONS TO EXISTING

CIRCULATION SPACE.

- B. PROVIDE A UL OR GA LISTED PERIMETER JOINT ASSEMBLY AND THROUGH PENETRATION FIRE STOP ASSMEMBLY MEETING THE FIRE RATED REQUIREMENT OF THE WALL, FLOOR/CEILING OR ROOF ASSMBLY SHOWN ON THE FLS PLANS.
- C. PROVIDE A SUBMITTAL CUTSHEET TO THE ARCHITECT OF EACH SELECTED FIRE RESISTANT ASSEMBLY PRIOR TO INSTALLATION.

EMERGENCY LIGHTING REQUIREMENTS

- A. MEANS OF EGRESS, INCLUDING EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE IS SERVED BY THE MEANS OF EGRESS.
- B. PROVIDE MINIMUM 1 FOOT-CANDLE OF ILLUMINATION AT ALL MEANS OF EGRESS. THE POWER SUPPLY FOR THE MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE BUILDINGS ELECTRICAL SUPPLY. IN THE EVENT OF A POWER FAILURE, THE EMERGENCY POWER SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT, OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH 2015 IBC SECTION 2702 AND 2015 IBC SECTION 1006.
- C. PRIOR TO FINAL INSPECTION, SUBMIT DOCUMENTATION SUBSTANTIATING THE COMPLETION OF TEST FOR THE MEANS OF EGRESS ILLUMINATION LEVEL PER 2015 IBC

THE FOLLOWING ITEMS ARE FIRE LIFE SAFETY REQUIREMENTS TO BE COMPLETED BY THE GENERAL CONTRACTOR. PROVIDE THE APPROPRIATE SUBMITTAL TO THE ARCHITECT FOR REVIEW AND COORDINATION PRIOR TO SUBMITTING TO THE AUTHOROITY HAVING JURISDICTION.

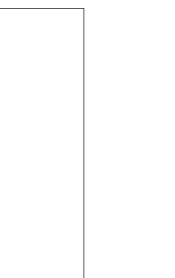
FIRE LIFE SAFETY (BY GENERAL CONTRACTOR)

DELEGATED DESIGN SUBMITTALS/PERMITS

- A. ITEMS LISTED AS A DEFERRED SUBMITTAL OR DESIGN BUILD ITEMS ON SHEET G001 REQUIRE ENGINEERING TO BE PROVIDED BY THE GENERAL CONTRACTOR.
- B. PROVIDE A COMPLETE AND ENGINEERED SYSTEM TO MEET THE DESIGN INTENT CONTAINED WITHIN THESE CONTRACT DOCUMENTS. PROVIDE A SUBMITTAL TO THE ARCHITECT FOR REVIEW OF DESIGN INTENT CONFORMANCE ONLY; THIS REVIEW DOES
- C. WHERE A LICENSED DESIGN PROFESSIONAL IS REQUIRED BY THE AUTHORITY HAVING JURISDICTION, THE GENERAL CONTRACTOR IS TO SECURE THESE SERVICES AND PROVIDE STAMPED DOCUMENTS TO MEET THE LOCAL REQUIREMENTS FOR A DEFERRED SUBMITTAL OR SEPARATE PERMIT.

NOT CONSTITUTE A PROFESSIONAL PEER REVIEW OF THE SYSTEMS SUBMITTED.

D. ADDITIONAL DEFERRED SUBMITTAL OR PERMIT FEES TO BE PAID BY THE GENERAL 1008.2.1, 1008.3 AND EMERGENCY POWER PER 1008.3.5. CONTRACTOR.



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BARRETT OR No. 5889

REVISIONS:

GENERAL NOTES - FLOOR PLAN

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER JOINT ASSEMBLIES.
- C. REFER TO SHEET A800 FOR TYPICAL PARTITION DETAILS AND TYPES INCLUDING STUD FRAMING AND HEADER REQUIREMENTS.
- D. REFER TO SHEET A800 FOR REQUIRED USE OF MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD LOCATIONS.
- E. DIMENSIONS ARE TO FACE OF WALL/FINISH UNLESS OTHERWISE NOTED. ADVISE ARCHITECT IN WRITING OF ANY DISCREPANCIES PARTICUALY OF STATED INTEIROR
- F. WHERE DIMENSIONS ARE LISTED AS 'CRITICAL CLEAR' THESE DIMENSIONS MUST ABSULUTELY BE HELD FOR ADA OR EGRESS COMPLIANCE. DIMENSIONS LISTED WITH '+/-' TYPICALLY HAVE SOME CONSTRUCTION TOLERANCE.
- G. PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION.
- H. ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWCI STANDARDS.
- I. PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.

KEYED NOTES - PROJECT SCOPE

- 1 ALIGN F.O. FINISHES, TYP.
- 2 SEE TYPICAL ENLARGED PLANS AND KEYNOTES FOR SCOPE WTIHIN THIS AREA. 3 PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL.
- 4 EXISTING OPERABLE PARTITION. GC TO RECYCLE IF POSSIBLE. EXISTING HEADTRACK TO REMAIN. FIELD VERIFY HEADTRACKS PRIOR TO INSTALLATION OF NEW PARTITION.
- 5 PROVIDE 2X WOOD BLOCKING FOR FUTURE WALL MOUNTED BOARD (CFCI) ALONG ENTIRE LENGTH OF THIS WALL. SEE TYPICAL ELEVATION AND BLOCKING DETAIL.
- 8 REMOVE (E) DOOR AND HARDWARE. SEE TYPICAL DETAIL FOR PATCH AND PAINT REQUIREMENTS.
- PROVIDE STAIR LEVEL IDENTIFICATION SIGN IN RAISED CHARACTERS AND BRAILLE TO MEET THE REQUIREMENTS OF 2009 ICC A117.1 504.9 AT EACH FLOOR LEVEL LANDING ADJACENT OT THE DOOR LEADING FROM THE STAIRWELL INTO THE CORRIDOR TO IDENTIFY THE FLOOR LEVEL. PROVIDE ADDITIONAL SIGN AT STAIRWELL EXIT DOOR
- STATING 'EXIT.' SIGNS TO MATCH EXISTING CODE REQUIRED SIGNAGE FOR COLOR, SIZE AND FONT WITHIN THE BUILDING. 12 REPLACE EXISTING DRINKING FOUNTAIN WITH NEW MULTI SPLIT DRINKING FOUNTAIN. PATCH AND REPAIR FINISHES DAMAGED BY REMOVAL OF THE EXISTING DRINKING
- FOUNTAIN NOT CONCEALED BY THE NEW FOUNTAIN. SEE PL-1 FOR FIXTURE. 13 PROVIDE TRAFFIC COATING "NO PARKING" MARKING AT EXISTING ADA ACCESS AISLE. 14 PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL, SEE SITE PLAN FOR TYPICAL
- 17 INSTALL OWNER PROVIDED ROOM SIGANGE, TYP. ALL SIGNAGE TO MATCH DISTRICT
- 18 INSTALL NEW 3"x3"x48" STAINLESS STEEL CORNER GUARD ABOVE WALL BASE,

MECHANICALLY FASTENED.

 \mathcal{C} S SSROOM WALLS

1 CORMORANT DR
150N OR 97007 PROJECT: DATE:

FLOOR PLAN -MAIN LEVEL

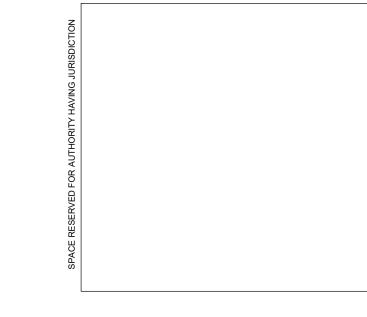
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STANDARD AND SHALL BE CFCI TYPICAL RESTROOM PLAN

3 DRINKING FOUNTAIN - BLOCKING
1 1/2" = 1'-0"

FLOOR PLAN - LOWER LEVEL
1/16" = 1'-0"



GENERAL NOTES - FLOOR PLAN

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER JOINT ASSEMBLIES.
- C. REFER TO SHEET A800 FOR TYPICAL PARTITION DETAILS AND TYPES INCLUDING STUD FRAMING AND HEADER REQUIREMENTS.
- D. REFER TO SHEET A800 FOR REQUIRED USE OF MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD LOCATIONS.
- E. DIMENSIONS ARE TO FACE OF WALL/FINISH UNLESS OTHERWISE NOTED. ADVISE ARCHITECT IN WRITING OF ANY DISCREPANCIES PARTICUALY OF STATED INTEIROR CLEAR DIMENSIONS.
- F. WHERE DIMENSIONS ARE LISTED AS 'CRITICAL CLEAR' THESE DIMENSIONS MUST ABSULUTELY BE HELD FOR ADA OR EGRESS COMPLIANCE. DIMENSIONS LISTED WITH '+/-' TYPICALLY HAVE SOME CONSTRUCTION TOLERANCE.
- G. PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION.
- H. ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWCI STANDARDS.
- I. PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.

KEYED NOTES - PROJECT SCOPE

- 1 ALIGN F.O. FINISHES, TYP.
- 2 SEE TYPICAL ENLARGED PLANS AND KEYNOTES FOR SCOPE WTIHIN THIS AREA.
 3 PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL.
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 14 PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL, SEE SITE PLAN FOR TYPICAL
- 17 INSTALL OWNER PROVIDED ROOM SIGANGE, TYP. ALL SIGNAGE TO MATCH DISTRICT STANDARD AND SHALL BE CFCI
- 18 INSTALL NEW 3"x3"x48" STAINLESS STEEL CORNER GUARD ABOVE WALL BASE, MECHANICALLY FASTENED.

CLASSROOM WALLS PHASE 3
10250 SW CORMORANT DR
BEAVERTON OR 97007
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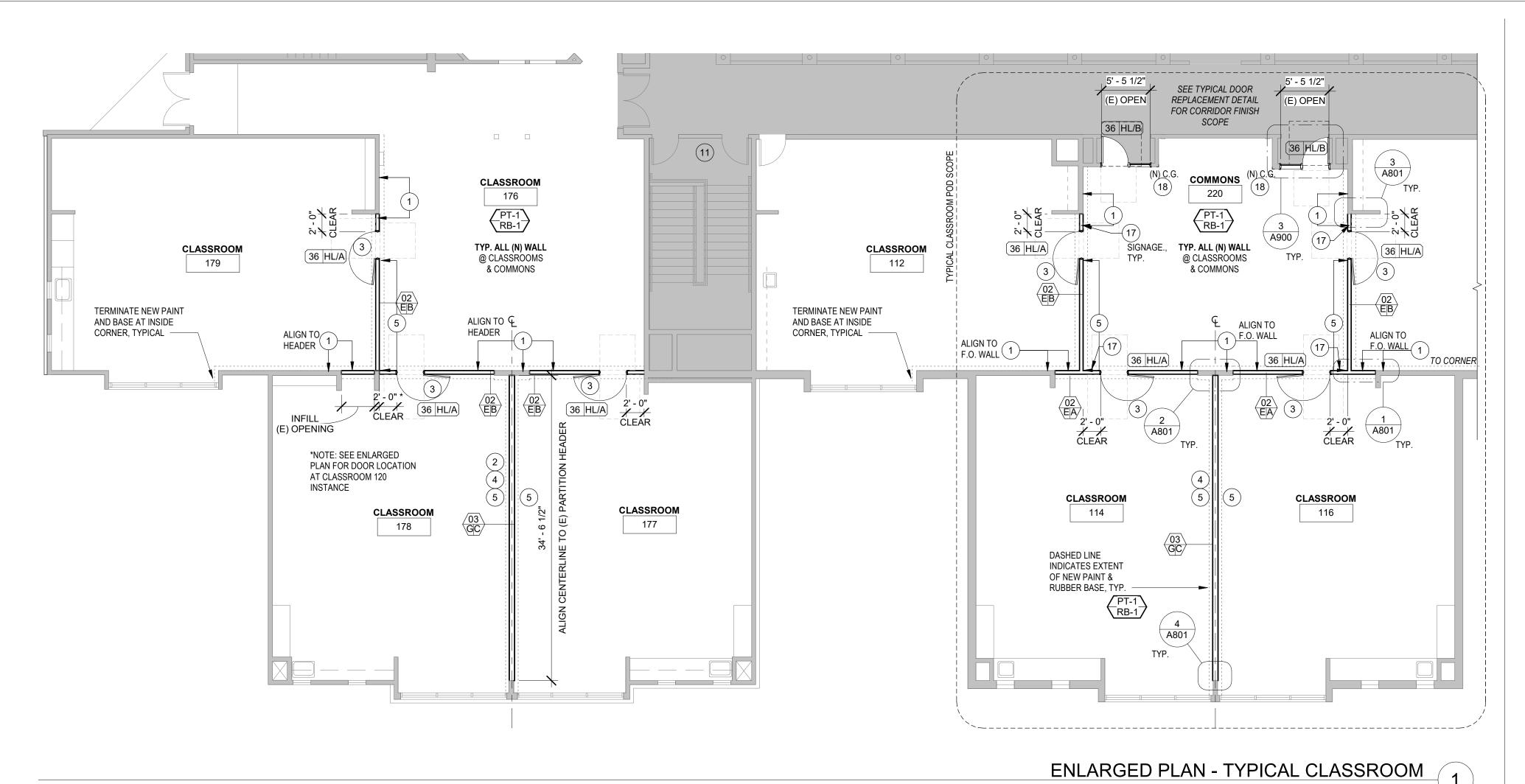
REVISIONS:

PROJECT: 21005.03

DATE: 11/10/2022

FLOOR PLAN -LOWER LEVEL

A132



PROVIDE 2x4 SOLID WOOD BLOCKING ALONG ENTIRE WALL CENTERED ON 3'0" AFF AND A800 7'0" AFF FOR FUTURE TACK/WHITE BOARD INSTALLATION (KEYNOTE 5), TYP. TYP. BLOCKING DETAIL 16' - 0" **→** PT-1 → RB-1, TYPICAL OF ALL NEW WALLS -MARKER BOARD (CFCI): CG TO COORDINATE WITH THE DISTRICT ON SPECIFICATION AND FINAL LOCATION

TYPICAL ELEVATION - CLASSROOM WALL 3

FINISH SCHEDULE

NOTE - INSTALL ALL FINISHES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

06 05 60 - PLASTIC LAMINATES

MANUFACTURER: WILSONART COLOR: D504 FOSSIL SHALE FINISH: 60 MATTE LOCATIONS: DOOR FRAME BOTTOM

MANUFACTURER: RODDA PAINT PRODUCT: UNIQUE II LOW-GLOSS (532001) COLOR: MATCH BUILDING STANDARD FINISH: LOW GLOSS EGGSHELL SPANDREL LOCATIONS: WALL FINISH

> MANUFACTURER: RODDA PAINT PRODUCT: MULTI MASTER DTM OR EQUAL COLOR: TBD LOCATIONS: DOOR FRAME

09 91 00 - PAINTS AND COATINGS

09 65 00 - RESILIENT FLOORING & BASE

CPT-1 (OFCI) MANUFACTURER: TBD COLOR: TBD FINISH: TBD LOCATIONS: COMMONS DOOR THRESHOLD NOTE: GC TO COORDINATE WITH OVERSTOCK INVENTORY OF EXISTING CARPET WITH THE DISTRICT.

MANUFACTURER: FLEXCO PRODUCT: WALLFLOWERS RUBBER COVE BASE SIZE: 4" COLOR: TDB

LOCATIONS: AT WALLS WHERE NEW PAINT IS

APPLIED, TYPICAL

PLUMBING SCHEDULE - 22 40 00

ALL FIXTURES TO BE ADA COMPLIANT MODELS

PL-1 Drinking fountain MANUFACTURER: ELKAY MODEL: EMABFTL8WSLK SOFT SIDES BI-LEVEL FOUNTAIN + BOTTLE FILL, NON-FILTERED LOCATION: REPLACEMENT TO EXISTING

NOTES: PROVIDE ADDITIONAL SOLID BLOCKING OR ELKAY BARRIER IF EXISTING BLOCKING IS NOT SUFFICIENT

DRINKING FOUNTAIN - CANE APRON MANUFACTURER: ELKAY MODEL: 9813C

NOTES: COORDINATE WITH DRINKING FOUNTAIN MODEL, PROVIDE A HIGH SIDE ONLY

KEYED NOTES - PROJECT SCOPE

1 ALIGN F.O. FINISHES, TYP. 2 SEE TYPICAL ENLARGED PLANS AND KEYNOTES FOR SCOPE WTIHIN THIS AREA. 3 PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL. 4 EXISTING OPERABLE PARTITION. GC TO RECYCLE IF POSSIBLE. EXISTING HEADTRACK TO REMAIN. FIELD VERIFY HEADTRACKS PRIOR TO INSTALLATION OF NEW PARTITION. 5 PROVIDE 2X WOOD BLOCKING FOR FUTURE WALL MOUNTED BOARD (CFCI) ALONG ENTIRE LENGTH OF THIS WALL. SEE TYPICAL ELEVATION AND BLOCKING DETAIL. REMOVE (E) DOOR AND HARDWARE. SEE TYPICAL DETAIL FOR PATCH AND PAINT REQUIREMENTS. 1 PROVIDE STAIR LEVEL IDENTIFICATION SIGN IN RAISED CHARACTERS AND BRAILLE TO MEET THE REQUIREMENTS OF 2009 ICC A117.1 504.9 AT EACH FLOOR LEVEL LANDING ADJACENT OT THE DOOR LEADING FROM THE STAIRWELL INTO THE CORRIDOR TO IDENTIFY THE FLOOR LEVEL. PROVIDE ADDITIONAL SIGN AT STAIRWELL EXIT DOOR STATING 'EXIT.' SIGNS TO MATCH EXISTING CODE REQUIRED SIGNAGE FOR COLOR, SIZE AND FONT WITHIN THE BUILDING.

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17 INSTALL OWNER PROVIDED ROOM SIGANGE, TYP. ALL SIGNAGE TO MATCH DISTRICT

STANDARD AND SHALL BE CFCI 18 INSTALL NEW 3"x3"x48" STAINLESS STEEL CORNER GUARD ABOVE WALL BASE,

MECHANICALLY FASTENED.

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REVISIONS:

GENERAL NOTES - FLOOR PLAN

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C. REFER TO SHEET A800 FOR TYPICAL PARTITION DETAILS AND TYPES INCLUDING STUD FRAMING AND HEADER REQUIREMENTS.

D. REFER TO SHEET A800 FOR REQUIRED USE OF MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD LOCATIONS.

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PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.

LEGEND - FLOOR PLANS

	WALL TYPE PER ASSEMBLY	STU	D SIZE LEGEND
WALL TAG	(TIA)BRACING CONDTION	Α	7/8" FURRING CHANNEL
	STUD TYPE PER LEGEND	В	1 1/2" FURRING CHANNEL
OOR TAG -		С	1 5/8" METAL STUD
JNIQUE	102 DOOR TAG - REFER	D	2 1/2" METAL STUD
	TO DOOR SCHEDULE	Е	3 5/8" METAL STUD
DOOR TAG -	34 A : DOOR & FRAME TYPE	F	4" METAL STUD
REPEATABLE	34 A . DOOR & FRAME TYPE SEE SCHEDULE	G	6" METAL STUD
	DOOR WIDTH	Н	8" METAL STUD
VINDOW TAG	A > 1 - WINDOW TYPE - SEE	I	2 1/2" C-H SHAFT WALL STU
	SCHEDULE	J	4" C-H SHAFT WALL STUD
KEY NOTE		K	6" C-H SHAFT WALL STUD
VET HOTE	1_)_;-KEY NOTE - SEE SCHEDULE	BRA	CING CONDITION
		Α	HEAD @ (E) ACT

LIGHTING AND CEILING MATERIALS - LEGEND

FINISHES KEY. SEE FINISH SCHEDULE FOR TYPES

ACT-1: (24 x 48)

GWB: (SEE TYPE)

B HEAD @ (E) SOFFIT/HEADER C HEAD @ PARTITION TRACK

WALL BRACING KEY - REFER TO PARTITION DETAILS

COMPOSITE WALL TO PARTITION TRACK - SEE WALL DETAIL C/A800.

BRACED WALL, BELOW GWB HEADER - SEE WALL DETAIL B/A800. BRACED WALL, BELOW TILE CEILING - SEE WALL DETAIL A/A800.

EXISTING WALLS

CEILING TAG

ACT-1 10-0" —

CEILING HEIGHT AFF

LIGHTING & FIXTURE KEY. SEE SPECIFICATIONS AND ELEVATIONS FOR DETAILS LIGHTING TAG - SEE SCHEDULE

-CEILING TYPE - SEE SCHEDULE

EXISTING TROFFER FIXTURE - 2 x 4

LOCATION **D** = DIMABLE **OS** = OCCUPANCY SENSOR 3 = 3-WAY SWITCH

ARROW DESIGNATES DIRECTION OUTLET LOCATION - ABOVE
96" CEILING

EXIT LIGHT (BATTERY BACKUP) -

HVAC SYMBOLS. SEE MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILS

CONCTRACTOR TO REPLACE CEILING TILE AND GRID TO THE EXTENT REQUIRED TO ACCOMMODATE NEW DUCT WORK.

NEW RETURN GRILL

EXISTING SUPPLY DIFFUSER



HVAC ELEMENT TO BE DEMOLISHED

TYPICAL MECHANICAL DESIGN/BUILD SCOPE

NO HVAC MODIFICATIONS ARE ANTICIPATED FOR THIS SCHOOL. TEST AND BALANCE THE EXISTING SYSTEM FOLLOWING COMPLETION OF CLASSROOM ENCLOSURE.

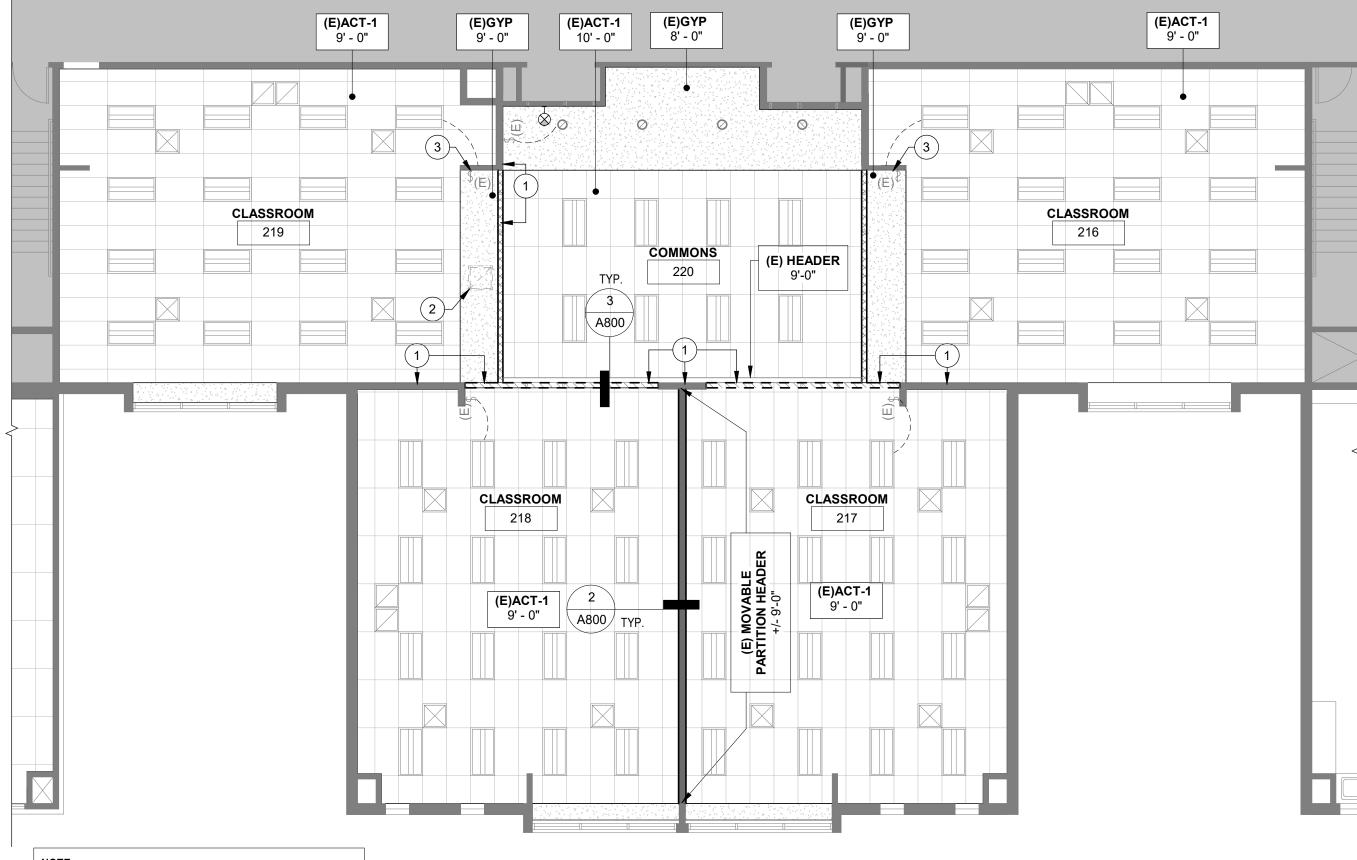
REFER TO HVAC DD NARRATIVE FOR MORE INFORMATION AND SCHEMATIC SKETCH OF PROPOSED WORK

PROJECT: 21005.03 DATE: 11/10/2022 **ENLARGED PLAN -**TYPICAL CLASSROOM

A133

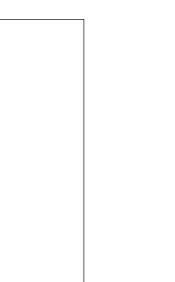
KEYED NOTES - RCP

- 1 ALIGN FACE OF FINISH.
- ADDITIONAL SCOPE: RELOCATE (E) RETURN GRILLE AS NECESSARY. GC TO CONFIRM 2 WITH ARCHITECT ON EXTENT OF DEMOLITION, RELOCATION AND REPAIR OF HARDLID SOFFIT. ADJUST COLLAR AS NEEDED.
- 3 RELOCATE (E) LIGHT SWITCH FROM THIS LOCATION; SEE ELECTRICAL DRAWINGS



NO MECHANICAL SCOPE ANTICIPATED IN THIS PROJECT. SEE ELECTRICAL FOR ALL EXISTING TO REMAIN AND EXISTING TO RELOCATE EXIT SIGNS AND LIGHT SWITCHES.

TYPICAL ENLARGED CEILING PLAN
1/8" = 1'-0"
1





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GENERAL NOTES - REFLECTED CEILING PLANS

- A. LIGHTING SHOWN IS FOR DESIGN INTENT ONLY. THE GENERAL CONTRACTOR IS REQUIRED TO PROVIDE A COMPLETE LIGHTING SYSTEM THAT MEETS ALL LOCAL REGULATORY CODES. REFER TO G001 FOR DESIGN BUILD REQUIREMENTS, G101 FOR EMERGENCY LIGHTING REQUIREMENTS AND THE LOCAL ENERGY CODE FOR DAYLIGHT ZONE REQUIREMENTS.
- SPECIFICATION OF LUMENS AND/OR LIGHT LEVELS IS DESIGN/BUILD. IN GENERAL, PROVIDE LIGHT LEVELS TO MATCH THE ILLUMINATED ENGINEERING SOCIETY (IES) LIGHTING HANDBOOK RECOMMENDATIONS.
- CONFIRM AND PROVIDE EMERGENCY EGRESS LIGHTING OF A MINIMUM 1 FC AT ALL TIMES ALONG EGRESS PATHS. COORDINATE SWITCHING, GENERATOR POWER OR BATTERY BACKUP OF ALL LIGHT FIXTURES.
- B. DESIGN REQUIREMENT FOR ALL CEILINGS MUST MEET THE REQUIREMENTS OF THE 2015 INTERNATIONAL BUILDING CODE FOR SEISMIC CATEGORIES D, E & F, ASCE 7-02, OR-05, OR CISCA RECORDATION FOR SEISMIC ZONES 3 & 4 OR TO THE LOCAL REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. SEE GENERAL NOTES ON A810 FOR DESIGN REQUIREMENTS.
- C. COORDINATE ALL SWITCHING WITH OWNER FOR PREFERRED LOCATIONS.
- ALL OFFICES AND INDIVIDUAL ROOMS TO BE SWITCHED INDEPENDENTLY. PROVIDE AN OCCUPANCY SENSOR TO ALL ENCLOSED ROOMS.
- COORDINATE OPEN AREA SWITCHING WITH THE TENANT FOR PREFERRED LOCATIONS.
- COORDINATE FINAL LOCATION OF PENDANTS WITH FURNITURE. VERIFY LOCATION WITH OWNER OR DESIGNER PRIOR TO FINAL PLACEMENT.
- WHERE ACCENT LIGHTING IS DESIGNATED, SEPARATE SWITCHING IS PROPOSED
- AND DESIGNATED BY DASHED LINES WITHIN THIS DRAWING. D. CENTER ALL FIXTURES AND SPRINKLER HEADS WITHIN CEILING TILES, ALIGN RECESSED
- FIXTURES AND SPRINKLER SYSTEMS. E. CENTER ALL LIGHTING FIXTURES BETWEEN CEILING GRID OR ADJACENT WALLS, UNLESS INDICATED OTHERWISE.
- F. WHERE LIGHTING FIXTURES ARE PROPOSED WITHIN ROOMS WITH AN OPEN CEILING, PROVIDE SUFFICIENT SUPPORT SUCH AS UNISTRUT OR TIE WIRES TO SUSPEND FIXTURES AT 9'-6" AFF UNLESS NOTED OTHERWISE.
- G. WITHIN NON-ACT CEILINGS (I.E. HARDLID), PROVIDE THE FOLLOWING:

HVAC GRILLS: ACCESS PANELS:

FULLY CONCEALED, COLOR TO MATCH CEILING LINEAR DIFFUSERS AND RETURNS FULLY FLUSH RECESSED

- H. WHERE CEILINGS RECEIVE A FINISH OTHER THAN WHITE PAINT OR MANUFACTURER'S ACT, PROVIDE WALL MOUNTED STROBES, HORNS, EGRESS SIGNS OR OTHER CODE REQUIRED
- I. SEE SECTION 01 91 13 GENERAL COMMISSIONING REQUIREMENTS FOR MECHANICAL AND CONTROL SCOPE TO BE COMMISSIONED.

LIGHTING AND CEILING MATERIALS - LEGEND

FINISHES KEY. SEE FINISH SCHEDULE FOR TYPES

(24 x 48)

GWB: (SEE TYPE)

WALL BRACING KEY - REFER TO PARTITION DETAILS

COMPOSITE WALL TO PARTITION TRACK - SEE WALL DETAIL C/A800.

BRACED WALL, BELOW GWB HEADER - SEE WALL DETAIL B/A800.

EXISTING WALLS

CEILING TAG

- CEILING TYPE - SEE SCHEDULE ACT-1 10-0" -

LIGHTING & FIXTURE KEY. SEE SPECIFICATIONS AND ELEVATIONS FOR DETAILS

LIGHTING TAG - SEE SCHEDULE

- CEILING HEIGHT AFF

EXISTING TROFFER FIXTURE - 2 x 4

EXISTING LINEAR PENDANT - 96"

EXISTING RECESSED **SWITCH**

① THERMOSTAT SEE MECHANICAL

LOCATION

EXIT LIGHT (BATTERY BACKUP) ⊗ EXISTING NEW/RELOCATED

D = DIMABLE OS = OCCUPANCY SENSOR 3 = 3-WAY SWITCH

OUTLET LOCATION - ABOVE
96" CEILING

HVAC SYMBOLS. SEE MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILS CONCTRACTOR TO REPLACE CEILING TILE AND GRID TO THE EXTENT REQUIRED TO ACCOMMODATE NEW DUCT WORK.

NEW RETURN GRILL

EXISTING RETURN GRILL

EXISTING SUPPLY DIFFUSER

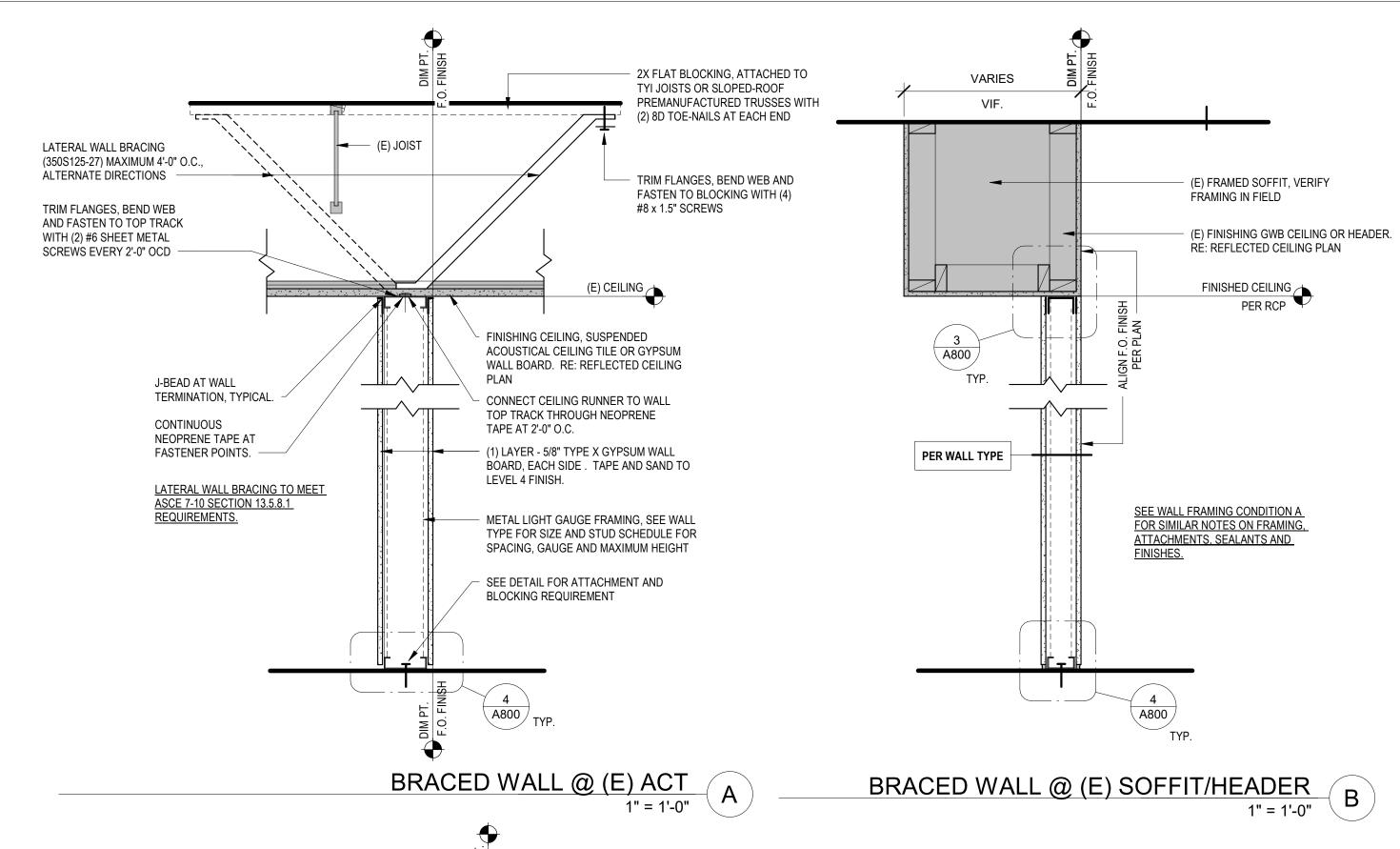
HVAC ELEMENT TO BE DEMOLISHED

S CLASSROOM WALL
10250 SW CORMORANT DR
BEAVERTON OR 97007 PROJECT: DATE:

> **ENLARGED** TYPICAL CEILING PLAN A231

21005.03

11/10/2022



FINISHED CEILING

SOFFIT RETURN, WHERE OCCURS. ALIGN F.O. FINISHES PER PLAN

FINISHED CEILING

PER RCP

PAPER-FACED REVEAL

PARTITION TRACK -

DIRECTLY INTO (E) OPERABLE

TYPICAL WALL ASSEMBLY

TRIM (CD-TOR)

PAINT (E) HEADER, TYP.

SEALANT JOINT, TYP.

MOLDABLE J-BEAD, TYP.

PER WALL TYPE

WALL HEADER AT (E) SOFFIT 3

PER RCP

FINISHED CEILING (E) METAL MOVABLE PARTITION TRACK TO REMAIN. J-MOLD EDGE, TYP. - 18 GA. SLOTTED TRACK ANCHORED DIRECTLY TO (E) PARTITION TRACK. ALLOW MINIMUM 1/2" DEFLECTION. PER WALL TYPE SEE WALL FRAMING CONDITION A FOR SIMILAR NOTES ON FRAMING, ATTACHMENTS, SEALANTS AND BRACED WALL @ (E) PARTITION TRACK

NOTE: CONTRACTOR OPTION TO USE SCAFCO KB- WALL SUPPORT BACKING (KWIK-BACK) BRACKET OR APPROVED EQUAL PER MANUFACTURER INSTRUCTIONS IN LIEU OF DETAIL BELOW. USE 16 GA (54 MILS) FRAMING WHERE ALL MEDIUM BLOCKING OCCURS CREATE KERF WITHIN BLOCKING AT STUD FLANGE, TYP. MIN 2x4 WOOD BLOCKING. CUT TO FRICTION FIT BETWEEN STUD. (3) #8 x 1 1/2" WOOD SCREWS WITH LOW PROFILE THROUGH SIDE OF STUD, TYP. (3) #8 x 1 1/2" WOOD SCREWS WITH LOW PROFILE HEADS THROUGH SIDE OF STUD, TYPICAL

CONTRACTOR TO COORDINATE WOOD BLOCKING WITH LOCATIONS OF ALL EQUIPMENT

EXTEND WOOD BLOCKING ACROSS A MINIMUM OF (3) STUDS, EXTEND FOR FULL LENGTH

EXTEND WOOD BLOCKING TO MINIMUM ONE STUD BEYOND EXTENT OF CABINETRY OR

KERF WOOD BLOCKING AT STUD FLANGE TO ALIGN F.O. BLOCKING WITH F.O. METAL STUD

PARTITION - BLOCKING

FURRING

FINISH PER SCHEDULE OR ELEVATION

7/8" METAL FURRING (HAT) CHANNEL OR

STANDARD PARTITION

FINISH PER ELEVATION OR SCHEDULE

LIGHT GAUGE METAL FRAMING PER

FINISH PER ELEVATION OR SCHEDULE

(1) HOUR RATING PER GA NP. WP 1070

ACOUSTIC PARTITION (STC 45 - 49)

5/8" GYPSUM WALL BOARD

5/8" GYPSUM WALL BOARD

<u>WHERE DESIGNATED</u>

WALL TYPE

5/8" GYPSUM WALL BOARD

ADJACENT WALL OR SURFACE

STUD PER SCHEDULE 3/8" SHIM SPACE

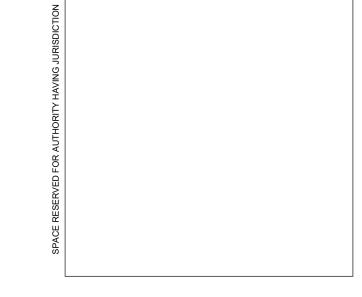
1" = 1'-0"

BLOCKING NOTES:

OR DEVICES

OF INFILL WALLS U.N.O.

WALL-HUNG EQUIPMENT



GENERAL NOTES - PARTITIONS

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. PLAN DIMENSION ARE TO THE FINISHED FACE OF PARTITION ASSEMBLY, CENTERLINE OF STRUCTURAL COLUMN, OR TO FACE OF CONCRETE OR CONCRETE MASONRY UNLESS
- C. PROVIDE 5/8" GYPSUM WALL BOARD (GWB), EACH SIDE, ON LIGHT GAUAGE METAL FRAMING AT 16" O.C. AS TYPICAL PARTITION UNLESS NOTED OTHERWISE.
- D. PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT ALL DESIGNATED WET AREAS DEFINED AS 2'-0" BEYOND THE EXTENTS OF THE EDGE ALL PLUMBING FIXTURES, THE BOTTOM 2'-0" ABOVE SLAB IN RESTROOMS AND JANITORS CLOSETS AND OTHER OR AREAS PRONE TO EXPOSED WATER.
- PROVIDE 5/8" DENSHEILD TYPE X OR APPROVED EQUIPMENT BEHIND ALL CERAMIC TILE INSTALLATIONS.
- F. SOUND ATTENUATION BLANKET TO BE 3 1/2" IN THICKNESS UNLESS OTHERWISE NOTED
- OR AS PRESCRIBED IN A UL RATED ASSEMBLY. G. PROVIDE ACOUSTICAL SEALANT AT JOINTS AND PERIMETER OF ALL TYPICAL WALLS,
- PROVIDE FIRE RATED SEALANT AT ALL FIRE RATED WALLS. MAINTAIN THE LISTED STC RATING AND ACOUSTICAL PERFORMANCE OF ALL PARTITIONS.
- CAULK ALL PENETRATIONS AND WHEN RETURN AIR PLENUMS ARE PROPOSED, PROVIDE AND INSTALL A STAGGERED AND LINED DUCT ELBOW.
- SEE FIRE LIFE SAFETY (FLS) PLAN FOR LOCATIONS OF RATED ASSEMBLIES.
- NOTIFY THE ARCHITECT IN WRITING BETWEEN DISCREPENCIES BETWEEN LISTED UL OR GA RATED ASSEMBLIES, COMPONANTS DEPICTED WITHIN THIS DRAWING SET AND ASSOCAITED STC TESTS.
- K. PROVIDE LABELED GYPSUM WALL BOARD AT FIRE RATED PARTITIONS.
- PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS INDICATED BELOW:
- M. FIRE RATED AND SMOKE ASSEMBLY PARTITIONS AND BARRIERS TO EXTENT TO THE UNDERSIDE OF STRUCTURE UNLESS NOTED OTHERWISE.
- N. FRAME AROUND BEAMS AND OTHER STRUCTURAL ELEMENTS WHEN THEY OCCURE WITHIN THE SPACE OF A FIRE RATED OR ACOUSTICAL PARTITION.
- O. ALL PARTITIONS ARE NON-LOAD BEARING UNLESS OTHERWISE NOTED. REFERENCE

STRUCTURAL DRAWINGS FOR LOAD BEARING PARTITION ASSEMBLIES.

- P. PROVIDE CONNECTIONS TO EXISTING STRUCTURE THAT ISOLATE NON-LOAD BEARING
- WALLS FROM STRUCTURAL MOVEMENT. PROVIDE DEFLECTION TRACKS AT THE TOPS OF ALL PARTITIONS AND SLOTTED CONNECTIONS AT INTERMEDIATE STRUCTURES.

LEGEND - FLOOR PLANS

	WALL TYPE PER ASSEMBLY	STU	D SIZE LEGEND		
WALL TAG	(DI)BRACING CONDTION	Α	7/8" FURRING CHANNEL		
	STUD TYPE PER LEGEND	В	1 1/2" FURRING CHANNEL		
DOOR TAG -		С	1 5/8" METAL STUD		
UNIQUE	102 - DOOR TAG - REFER	D	2 1/2" METAL STUD		
	TO DOOR SCHEDULE	E	3 5/8" METAL STUD		
DOOR TAG -	34 A DOOR & FRAME TYPE	F	4" METAL STUD		
REPEATABLE	SEE SCHEDULE	G	6" METAL STUD		
	DOOR WIDTH	Н	8" METAL STUD		
WINDOW TAG	A WINDOW TYPE - SEE	1	2 1/2" C-H SHAFT WALL STUD		
	SCHEDULE	J	4" C-H SHAFT WALL STUD		
KEY NOTE		K	6" C-H SHAFT WALL STUD		
	1_)_; KEY NOTE - SEE SCHEDULE		BRACING CONDITION		
		Α	HEAD @ (E) ACT		
		В	HEAD @ (E) SOFFIT/HEADER		
		С	HEAD @ PARTITION TRACK		

NON-LOADBEARING WALL FRAMING SCHEDULE3:

			MAXIMUM HEIGHT	- L/240 @ 10 PSF
STUD SIZE	SECTION	SPACING (O.C)	COMPOSITE 1	NON- COMPOSITE ²
	250S125-18	16" O.C.	10' - 0"	N/A
0.4/0"	250S125-18	24" O.C.	8' - 2"	N/A
2 1/2"	250S125-33	16" O.C.	13' - 3"	9' - 6"
	250S125-33	24" O.C.	9' - 10"	8' - 4"
	362S125-18	16" O.C.	11' - 5"	8' - 0"
2.5/01	362S125-18	24" O.C.	9' - 4"	N/A
3 5/8"	362S125-33	16" O.C.	13' - 10"	12' - 6"
	362S125-33	24" O.C.	11' - 11"	10' - 2"
	600S125-18	16" O.C.	14' - 2"	8' - 7"
6"	600S125-18	24" O.C.	N/A	N/A
6"	600S125-33	16" O.C.	22' - 3"	13' - 10"
	600S125-33	24" O.C.	17' - 8"	12' - 1"

EXISTING OPERABLE PARTITION TRACK

FINISHED CEILING

SOUND ATTENUATION INSULATION

PER WALL TYPE

¹ COMPOSITE WALL CONSRUCTION REQUIRES A SINGLE LAYER OF 5/8" TYPE X GWB INSTALLED IN VERTICAL ORIENTATION TO BOTH SIDES OF THE WALL.

- ² NON-COMPOSITE WALL CONSRUCTION REQUIRES FULL BRACING EVERY 48" O.C. AT OR BELOW MAXIMUM HEIGHT.
- ³ PER SSMA TABLES PUBLISHED BY SCAFCO. CONSULT TABLE FOR MAXIMUM
- HEIGHT SPANS FOR CONDITIONS NOT LISTED IN TABLE ABOVE.

NOTE: EQ STUDS ARE NOT ACCEPTABLE PER DISTRICT STANDARD

WALL	STUD	OPENING WIDTH (TOP & BOTTOM TRACKS)							
HEIGHT	WIDTH	<=6'-0"	<=8'-0"	<=10'-0"	<=12'-0"	<=14'-0"			
	0.4/0141	2507405 22 70 D	2507405 22 70 D	2507405 22 70 D	350T125-33 TOP	350T125-33 TOP			
<=8'-0"	3 1/2" - 4"	3501125-33 1&B	350T125-33 T&B	350T125-33 T&B	350T125-43 BOT	350T125-43 BOT			
	5 1/2" - 6"	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-43 T&B			
	0.4/0141	2507405 22 70 D	2507405 22 70 D	2507405 22 70 D	350T125-33 TOP	350T125-33 TOP			
<=10'-0"	3 1/2" - 4"	' 350T125-33 T&B 3	3501125-33 T&B	350T125-33 T&B	350T125-43 BOT	350T125-54 BOT			
	5 1/2" - 6"	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-43 T&B			
	0.4/0141	2507405 22 70 D	2507405 22 70 D	2507405 22 70 D	350T125-33 TOP	350T125-33 TOP			
<=12'-0"	3 1/2" - 4"	3501125-33 T&B	350T125-33 T&B	350T125-33 T&B	350T125-43 BOT	350T125-54 BOT			
	5 1/2" - 6"	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-43 T&B*			
	0.4/0141	2507405 22 70 D	2507405 22 70 D	2507405 22 70 D*	350T125-33 TOP	350T125-33 TOP			
<=14'-0"	3 1/2" - 4"	3501125-33 T&B	350T125-33 T&B		350T125-43 BOT*	350T125-54 BOT			
	5 1/2" - 6"	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B*	550T125-33 T&B*	550T125-43 T&B*			

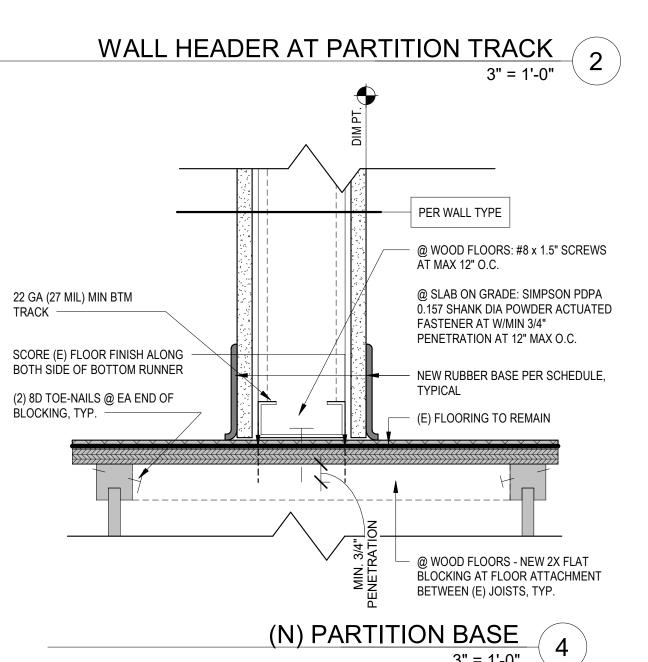
¹ HEADER HEIGHT ASSUMED >= 6'-0" AND <= 10'-0" ² OPENINGS ASSUMED WITH 4-WAY PRESSURE DISTRIBUTION ³ PROVIDE #8 SMS AT 12" OC FROM TRACKS TO S-SECTIONS AS SHOWN ⁴ VERTICAL S-SECTIONS TO BE DBL 400S125-33 MIN EXCEPT WHERE DENOTED (*) USE DBL 400S162-43 MIN AND (**) USE DBL 400S162-54 MIN

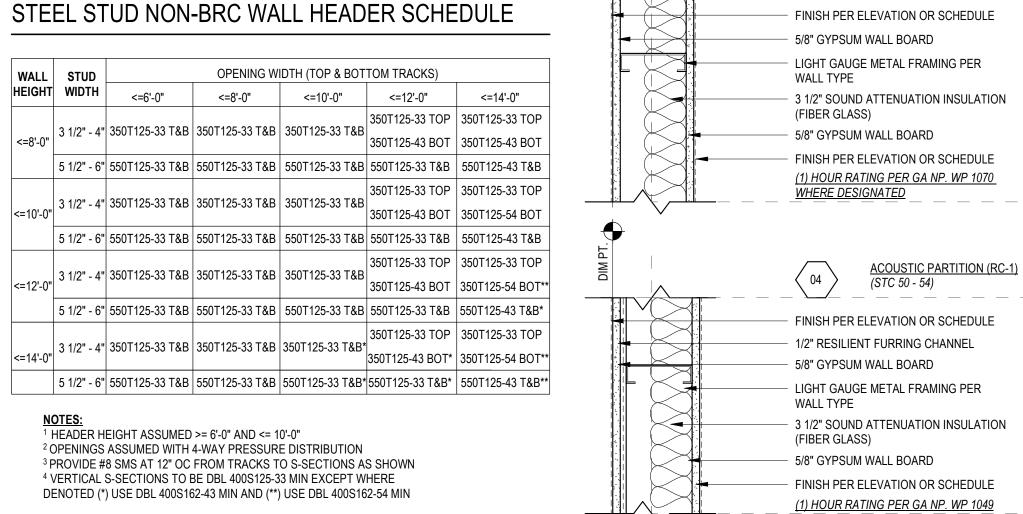
CROSS BRACING PER WALL FASTENER THROUGH ACT CEILING TYPE OR STRUCTURAL BETWEEN BRACING AND TOP RUNNER. DO NOT ADHERE WALL TO CEILING GRID DRAWINGS, TYP. FINISHED CEILING PAPER-FACED REVEAL TRIM, TYP. 2" WIDE NEOPRENE TAPE BETWEEN TOP TRACK, TYPICAL TOP RUNNER AND CEILING, TYP. TYPICAL WALL ASSEMBLY PER WALL TYPE WALL HEADER AT (E) ACT 3" = 1'-0" 5

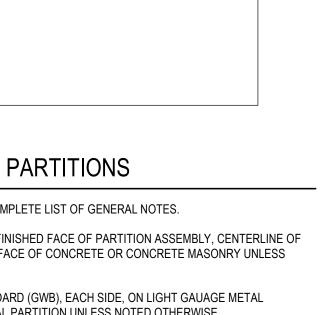
DEFLECTION SLOT TRACK, ATTACHED

DIRECTLY INTO SOFFIT ABOVE

TYPICAL WALL ASSEMBLY







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MICHAEL

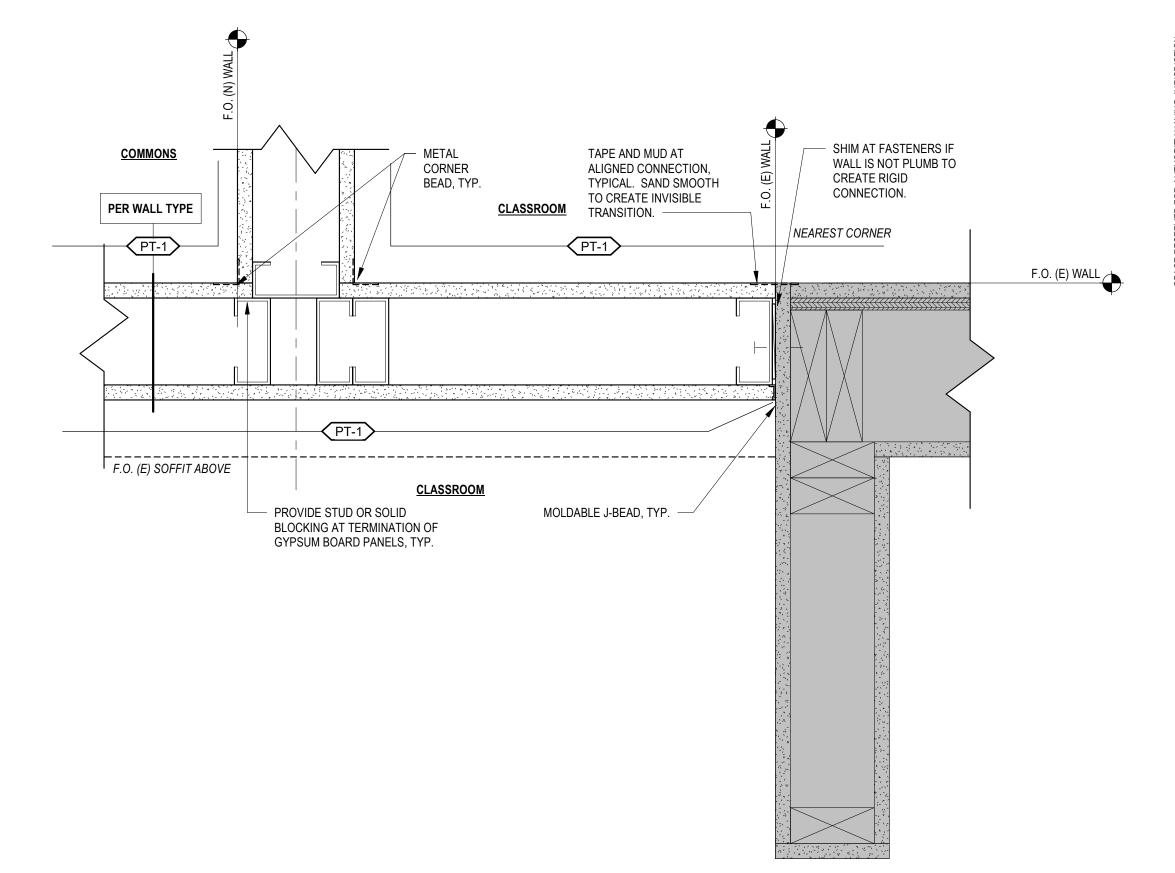
BARRETT WIND OR No. 5889

REVISIONS:

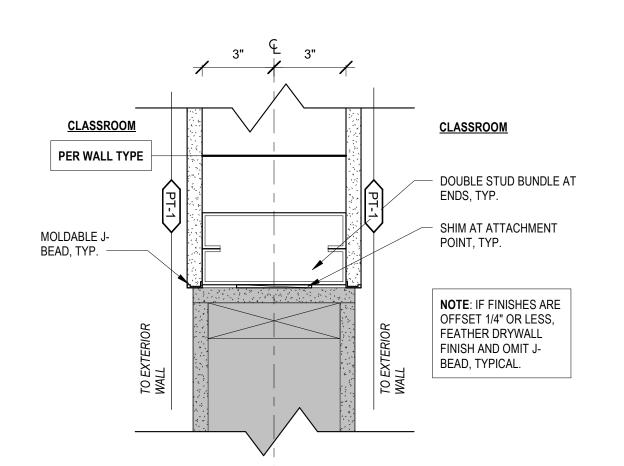
PROJECT: 21005.03 DATE: 11/10/2022

TYPICAL PARTITION DETAILS

A800

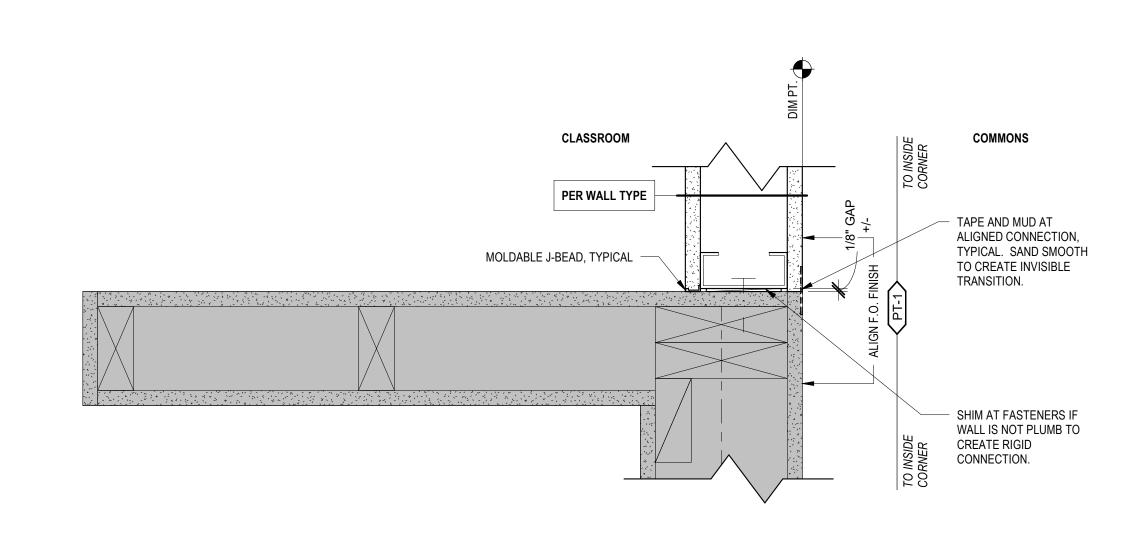






TYPICAL WALL - OPERABLE PARTITION REPAIR
3" = 1'-0"

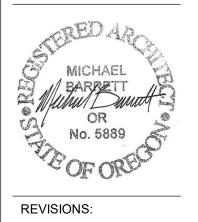
TYPICAL WALL - OPERABLE PARTITION REPAIR @ EXTERIOR 3" = 1'-0" 4



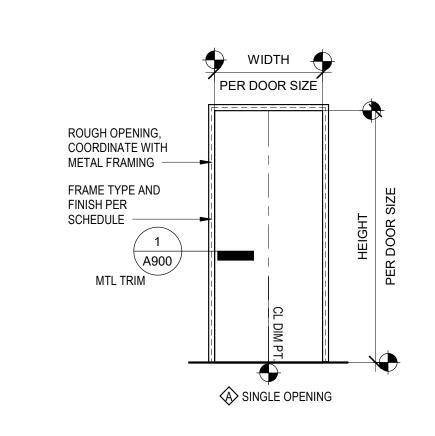
TYPICAL WALL - NEW WALL @ (E) WING WALL
3" = 1'-0"
3

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831 SE SALMON ST, SUITE MO, PORTLAND, OREGON 97214







NOTE: MATCH EXISTING DOOR RELITE SIZES, WOOD GRAIN, STAIN AND GENERAL

LOCATIONS. PROVIDE PHOTOGRAPH OF

LOOK OF DOORS WITHIN EXISTING

EXISTING DOOR WITHIN DOOR

SUBMITTAL.

PROVIDE NEW SOLID WOOD **BLOCKING FOR WALL**

MOUNTED DOOR STOP, TYP.

WIDTH

DOOR SIZE

HL - HALF LITE

NANCY RYLES

FINDLEY

SCHOLLS HEIGHTS

DOOR SCHEDULE

1 3/4"

THICKNESS MATERIAL FINISH

WD

HARDWARE

GROUP

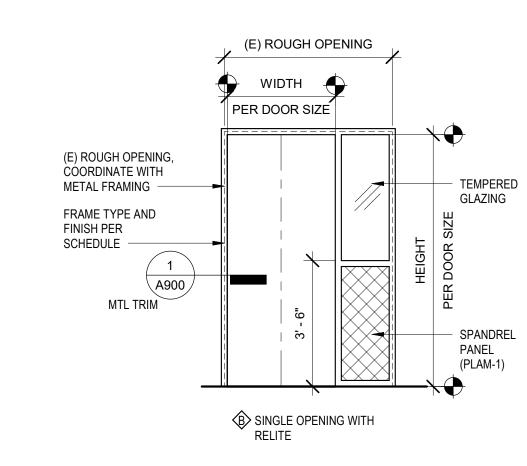
TEMPERED

FLUSH DOOR,

VENEER OR PAINT

PER SCHEDULE

GLAZING RELITE



DOOR FRAME TYPES

NOTES

MATCH EXISTING CLASSROOM DOOR RELITE, GRAINING AND FINISH. PROVIDE NEW

BLIND AT RELITE TO MATCH (E) BUILDING STANDRD CONTRACTOR TO VERIFY THE

MATCH EXISTING CLASSROOM DOOR RELITE, GRAINING AND FINISH. PROVIDE NEW

BLIND AT RELITE TO MATCH (E) BUILDING STANDRD CONTRACTOR TO VERIFY THE

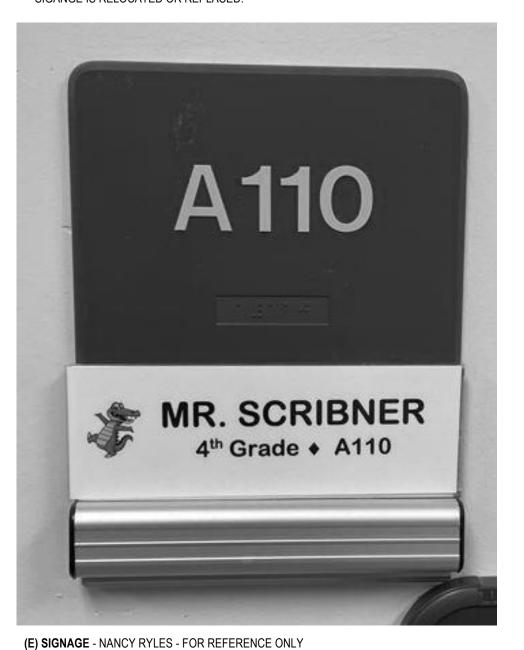


NEW CORNER GUARD,

TYPICAL OF EXPOSED CORNERS WITHIN AREA

OF WORK -

- A. COORDINATE ALL SIGNAGE WITHIN THE PROJECT, INCLUDING CODE REQUIRED SIGNAGE, WITH EXISTING BUILDING SIGNAGE OR WITH CURRENT DISTRICT STANDARDS.
- B. CODE REQUIRED SIGNAGE, SUCH AS STAIRWAY SIGNAGE AND ACCESSIBLE PARKING SIGNAGE, TO BE PROCURED AND INSTALLED BY THE GENERAL CONTRACTOR. PROVIDE DETAILED INFORMATION ON SIZE, FONT AND COLOR WITHIN A SUBMITTAL FOR ARCHITECT AND OWNER REVIEW.
- C. ROOM SIGNAGE IS CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED. COORDINATE EXTENTS AND LOCATION WITH OTHER WALL MOUNTED ITEMS. PROVIDE AN ALLOWANCE FOR THE PATCH AND REPAIR OF EXISTING WALLS WHERE EXISTING SIGANGE IS RELOCATED OR REPLACED.





NEW CORNER GUARD AT

OF EACH SIDE -

NEW WALL STOP,

OPENING - COMMONS DOOR REPLACEMENT

1 1/2" = 1'-0"

3

TYPICAL

REMOVE OVER FRAMING AT EXISTING OPENING, REPAIR OR REPLACE (E) GWB

REMOVE STRIP OF CARPET TO ALIGN WITH (E) FURRING, INSTALL OWNER PROVIDED CARPET WITHIN THIS AREA

REMOVE (E) DOOR AND PREPARE ROUGH OPENING TO RECEIVE NEW DOOR AND SIDELIGHT

5' - 8"

(E) ROUGH OPENING, VIF.

FINISH, TYPICAL

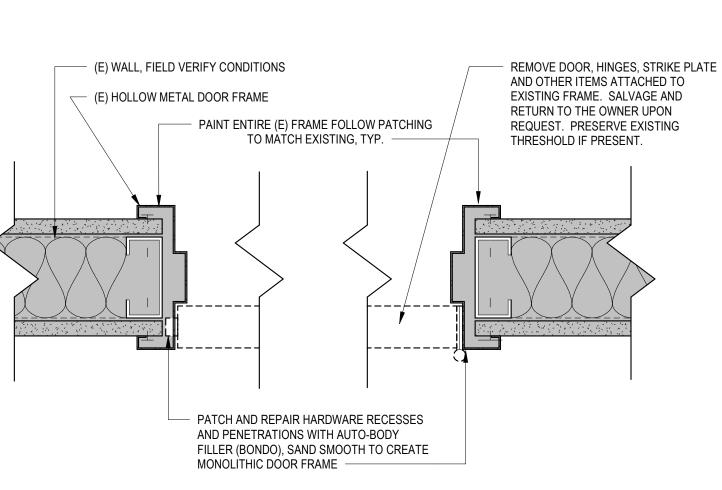
EXISTING FRAMING, TO REMAIN

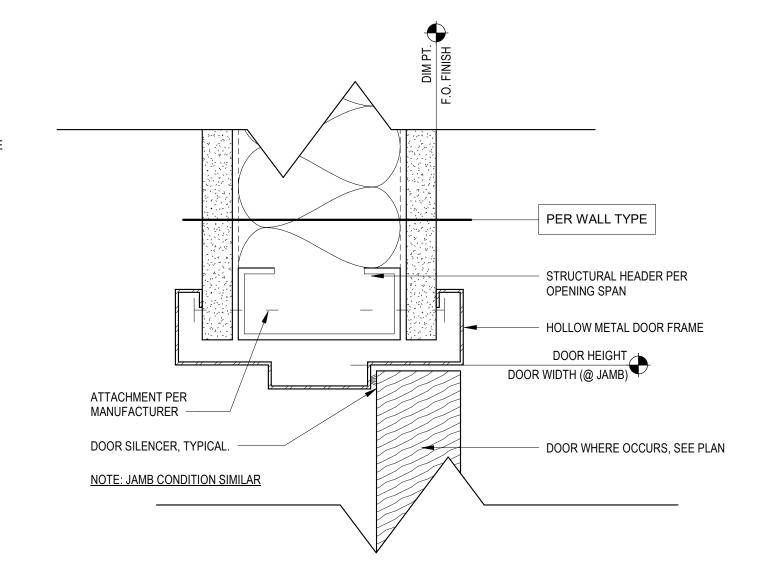
EXPOSED CORNER, TYPICAL

EXISTING DOOR AT COMMONS, GENERAL CONTRACTOR TO MATCH RELITE AND WOOD GRAINING.

TYPE	Count	WIDTH	HEIGHT	TYPE	FIRE RATING	MATERIAL	FINISH	TRIM MATERIAL	TRIM FINISH	TYPE
HL/A	20	3' - 0"	7' - 0"	A	N/A	НМ	PT	STL	PT	HL
11277	23			,	1471			0.2		
HL/B	6	3' - 0"	7' - 0"	В	N/A	НМ	PT	STL	PT	HL

FINISHED SIZE



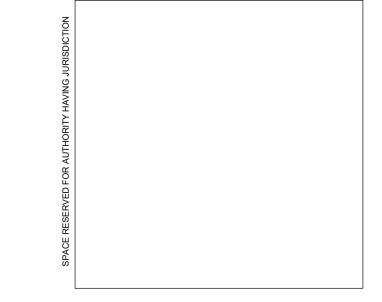


FINAL DOOR COUNT.

FINAL DOOR COUNT.

OPENING - (E) FRAME REPAIR
3" = 1'-0"

OPENING - HEAD/JAMB - HOLLOW METAL 1



GENERAL NOTES - DOORS

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. DIMENSIONS SHOWN FOR DOORS AND WINDOWS ARE TYPICALLY FINISHED OPENING DIMENSIONS. COORDINATE ROUGH OPENING DIMENSIONS PER MANUFACTURER RECOMMENDATIONS WITH SELECTED OPENING.
- C. EXIT DOORS TO BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR FORCE.
- D. THE MAIN EXIT TO DOOR TO HAVE SIGNAGE ABOVE THE DOOR READING "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED."
- E. ALL NEW DOORS TO BE SOLID WOOD, PAINT GRADE UNLESS NOTED OTHERWISE.
- F. PROVIDE NEW ADA LEVER STYLE DOOR HARDWARE TO MATCH BUILDING STANDARD. (SCHLAGE 'ND', SERIES, RHODES STYLE)
- G. ALL NEW FRAMES TO BE FULLY WELDED UNLESS NOTED OTHERWISE. (CURRIES 16 GA.)
- PROVIDE TEMPERED GLAZING IN ALL DOORS AND RELITES UNLESS NOTED OTHERWISE.
- REFER TO ELEVATIONS FOR DOOR AND FRAME PAINT FINISH WHERE PAINT IS USED.

MATERIAL LEGEND

EXISTING GLASS - TEMPERED MDF - TRIM	WD HC MTL	WOOD - SOLID CORE WOOD - HOLLOW CORE METAL - SOLID CORE
MANUFACTURER'S FINISH	STL - KD	STEEL FRAME - KNOCKDOWN
PAINT	HM	HOLLOW METAL FRAME

HARDWARE GROUPS

TRANSPARENT STAIN

BASIS OF DESIGN PRODUCTS: CONTRACTOR TO SUBMIT COMPLETE HARDWARE GROUPS BASED ON BASIS OF DESIGN PRODUCTS AND HARDWARE DESIGN DIRECTION BELOW:

ALUM ALUMINUM STOREFONT

ALL NEW HARDWARE TO BE SATIN CHROME (US26D), UNO.

CURRIES 16 GA FULLY WELDED - EQUAL RABBIT LEVER HARDWARE SETS: SCHLAGE ND SERIES VANDLGARD, "RHODES" CORES: SCHLAGE FULL SIZE INTERCHANGEABLE (FSIC) CYLINDERS

IES HW 4.5" X 4.5" NRP PANIC BARS VON DUPRIN EL 99 OR XP99 LCN 4010 (INWARD SWING), LCN 4111 (OUTWARD SWING)

CLOSERS: STOPS: BHMA 626, IVES OR EQUAL KICK PLATE: STAINLESS STEEL, FULL WIDTH

COMMONS (PANIC HARDWARE)

HINGES:

(3) PAIR BUTTS - 4 1/2" PANIC HARDWARE CLOSER WALL STOP TYPICAL UNO. SILENCER KICK PLATE

> PROVIDE WINDOW TREATMENT/BLINDS AT DOOR RELITE AND SIDELIGHT, TYPICAL

GROUP 2:

CLASSROOM (3) PAIR BUTTS - 4 1/2" LÉVER SET - "CLASSROOM" TYPE WALL STOP TYPICAL UNO. SILENCER KICK PLATE

PROVIDE WINDOW TREATMENTS/ BLINDS AT DOOR RELITE, TYPICAL HBX-STUDIO.COM



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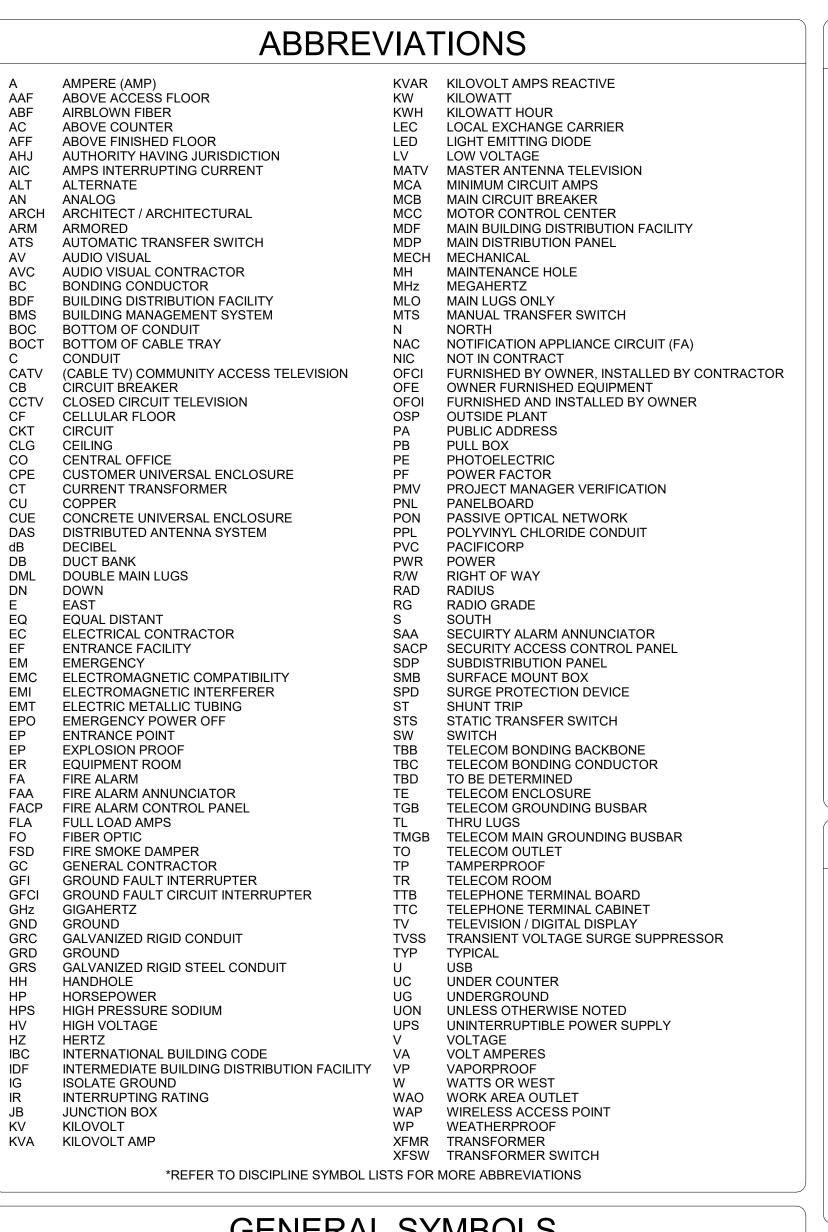
PROJECT:

21005.03

11/10/2022 DATE: DOORS, FRAMES HARDWARE **SCHEDULE &**

TYPICAL OPENING DETAILS

A900



GENERAL SYMBOLS

	32.112.17.12.31.113.32.3
XXXX 123	EQUIPMENT DESIGNATOR - SEE SCHEDULE.
⟨E⟩	EXISTING TO REMAIN
$\langle \mathbf{x} \rangle$	EXISTING TO BE REMOVED
$\langle R \rangle$	EXISTING TO BE RELOCATED
$\langle N \rangle$	NEW
(#)	KEYED NOTE

NOTE

THIS IS A STANDARD LEGEND SHEET. THEREFORE. SOME SYMBOLS MAY APPEAR ON THIS SHEET THAT DO NOT APPEAR ON THE DRAWINGS.

WORK RESPONSIBILITY

SHOWN ON DRAWINGS OR NOT SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.

ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN CONDUIT. DEVICES, BOXES, CONDUCTORS, AND TRANSITIONS AROUND OBSTRUCTIONS WHETHER

GENERAL NOTES (APPLIES TO ALL DRAWINGS)

- A. WHERE EXACT DIMENSIONS ARE NOT CALLED FOR, DO NOT SCALE DRAWINGS TO DETERMINE LOCATION OF EQUIPMENT, JUNCTION BOXES, OUTLET BOXES, WIRE WAYS, PANELS, ETC. SEE ARCH FOR EXACT
- CONDUIT RUNS SHOW ONLY INTERCONNECTION BETWEEN THE TERMINATION POINTS. THE EXACT PATH OF THE CONDUIT IS TO BE DETERMINED BY THE CONTRACTOR. THERE SHALL BE A MINIMUM OF ONE PULL BOX FOR EVERY 100 FEET OF STRAIGHT EMPTY CONDUIT AND A PULL BOX FOR MORE THAN TWO 90 DEGREE BENDS IN A CONDUIT RUN. ALL CONDUIT SHALL BE DEBURRED, CLEANED, CAPPED, TAGGED, AND FURNISHED
- C. POWER CIRCUITS FOR THE AUDIOVISUAL SYSTEMS MUST BE ON THE SAME TRANSFORMER PHASE, BUT NOT ON THE SAME PHASE AS ANY COMPRESSORS, MOTORS, OR LIGHTING DIMMING SYSTEMS.
- D. ALL EQUIPMENT MUST BE COMPLETELY BONDED TO A TRUE EARTH COMMON GROUND OR VERIFY GROUNDING REQUIREMENTS WITH ELECTRICAL EQUIVALENT FOR PROPER OPERATION.
- E. FOR TELECOM OUTLETS WITH 1-6 CABLES, PROVIDE 1"C. TO DOUBLE-GANG DEEP BOX WITH SINGLE-GANG MUD RING AND 2, 4 OR 6 PORT FACEPLATE AS REQUIRED.
- FOR TELECOM OUTLETS WITH 7-12 CABLES, PROVIDE TWO (2) 1"C. TO DOUBLE-GANG DEEP BOX WITH DOUBLE-GANG MUD RING AND TWO (2) 2, 4 OR 6 PORT FACEPLATES AS REQUIRED.
- G. FOR ALL DATA OUTLETS AND CAMERAS, PROVIDE CATEGORY 6 CABLE AND JACKS. FOR ALL WIRELESS ACCESS POINTS (WAPs), PROVIDE (2) CATEGORY 6A CABLES AND JACKS.

POWER SYMBOLS WALL RECEPTACLE: DUPLEX, 4-PLEX FLOOR RECEPTACLE: DUPLEX, 4-PLEX CEILING RECEPTACLE: DUPLEX, 4-PLEX WALL RECEPTACLE: MOUNTING HEIGHT SPECIAL RECEPTACLE: WALL \bigcirc \bigcirc \bigcirc JUNCTION BOX: WALL, FLOOR, CEILING SURFACE OUTLET STRIP: DIMENSIONS AS SHOWN DISCONNECT SWITCH: FUSED, CIRCUIT BREAKER MOTOR CONNECTION <u>A8</u>-1. PANEL & CIRCUIT NUMBER DENOTES DUPLEX RECEPTACLE ON DROP CORD **PUSHBUTTON: WALL** ADA DOOR ASSIST BUTTON: WALL WIRE CONCEALED IN FLOOR OR UNDERGROUND ____ RACEWAY AND CONDUCTORS REMOVED AS PART OF DEMOLITION _ _ _ CONDUIT ELL: UP, DN \longrightarrow \longrightarrow ELECTRICAL DUCT BANK GROUND ROD. 10' LONG. 5/8" DIAMETER, COPPER, BOND TO LOCAL CIRCUIT GROUND CONDUCTOR **ELECTRICAL DISTRIBUTION CABINET** ELECTRICAL DISTRIBUTION PANEL: SURFACE, RECESSED ELECTRICAL TRANSFORMER **ONE-LINE SYMBOLS**

	CONDUCTORS & CONDUIT
XXX	CONDUCTORS & CONDUIT TO BE REMOVED
_^\	CIRCUIT BREAKER, MOLDED CASE SWITCH
	BUS
0 0 =	ATS
	METER
	PANEL
· •	MAIN GROUNDING BAR
_	CONNECTION TO GROUND
	TRANSFORMER

	LIGHTING SYMBOLS
PE	PHOTOCELL: CEILING, WALL MOUNTED
OS 1	DUAL TECHNOLOGY, OCCUPANCY SENSOR: CEILING MOUNTED, WALL MOUNTED
VS	DUAL TECHNOLOGY, VACANCY SENSOR: CEILING MOUNTED, WALL MOUNTED
1. ——— a	HA = LUMINAIRE TYPE DESIGNATION 1. = CIRCUIT NUMBER a = SWITCH DESIGNATION

LIGHT SWITCH: OS = OCCUPANCY SENSOR, K = KEYED, 3 = 3-WAY

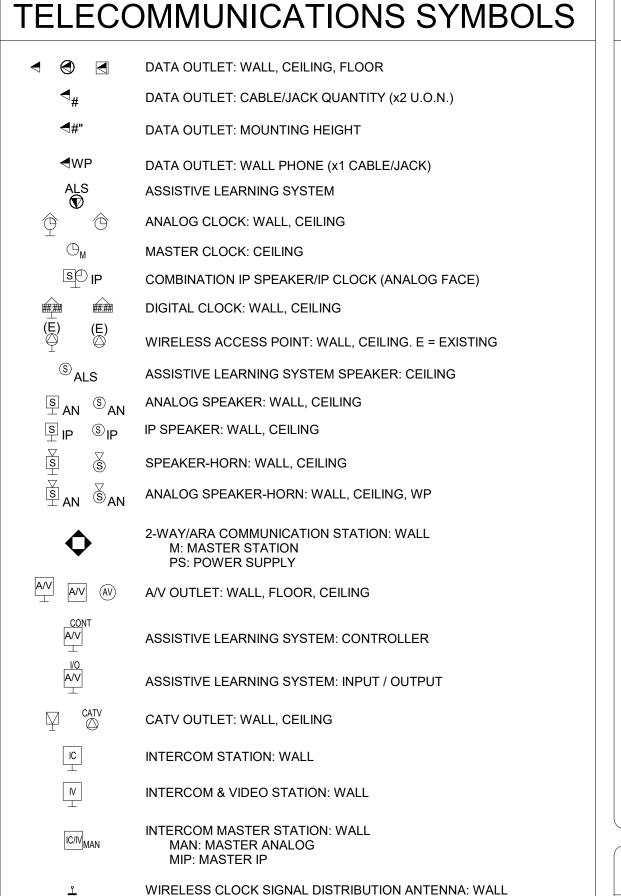
BUG EYE EXIT SIGN WITH INTERGRAL BATTERY, 90 MINUTE RUN

SINGLE GANG, STRAP MOUNTED CONTROL STATION.

LOW VOLTAGE DIMMER / PRESET CONTROL: D

TIMER SWITCH: T

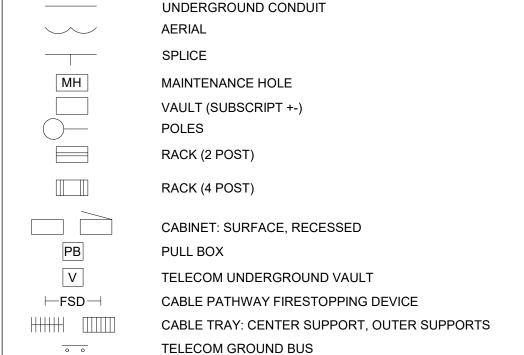
TIME: CEILING, WALL MOUNTED



TELECOM PATHWAYS AND **ENCLOSURES SYMBOLS**

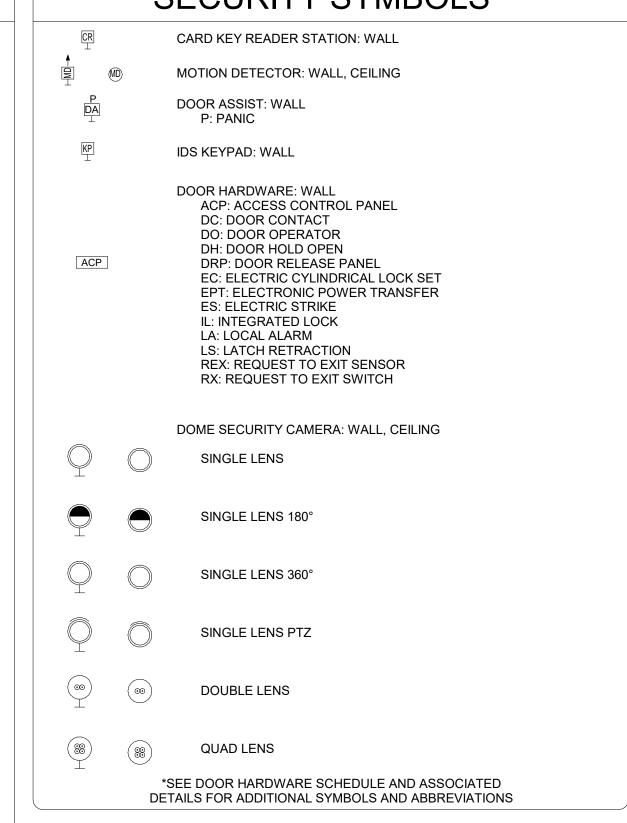
CONDUIT

ANALOG TELEPHONE OUTLET: WALL

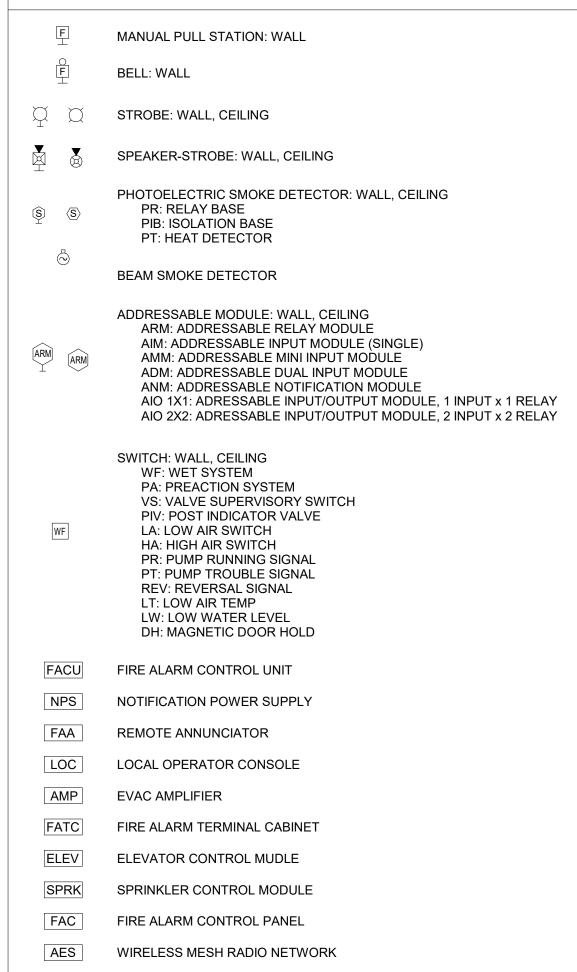


TELEPHONE BACKBOARD

SECURITY SYMBOLS



FIRE ALARM SYMBOLS



DOCUMENT STORAGE BOX

Sheet List Sheet Name LEGEND AND ABBREVIATIONS - ELECTRICAL FLOOR PLAN - MAIN LEVEL - ELECTRICAL

FLOOR PLAN - LOWER LEVEL - ELECTRICAL

Sheet

Number



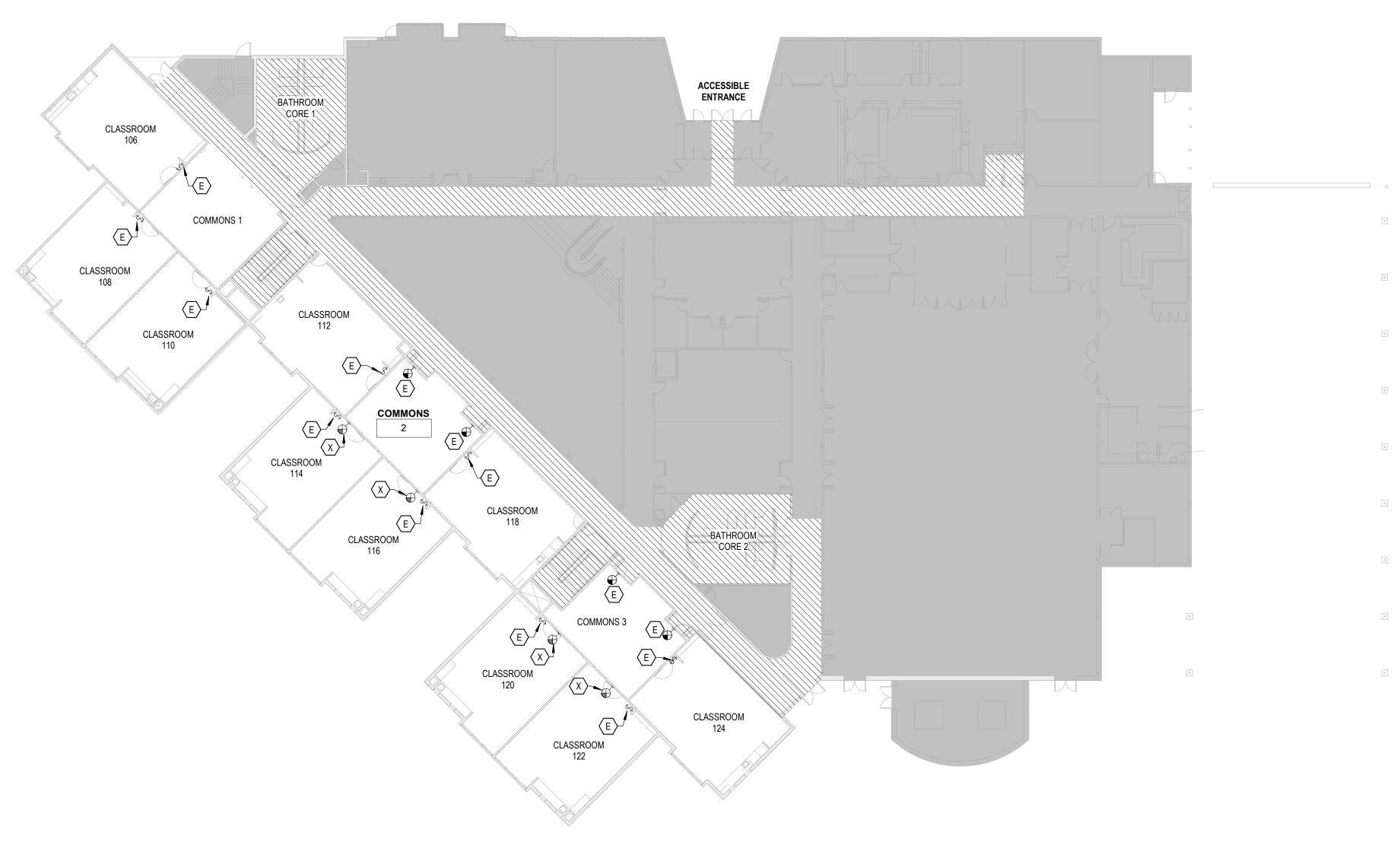
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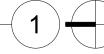
21005.03 PROJECT: DATE: 10/21/2022

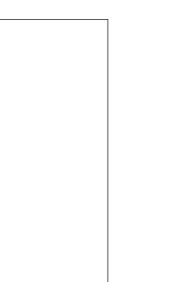
LEGEND AND ABBREVIATIONS -**ELECTRICAL**

E001



FLOOR PLAN - MAIN LEVEL - ELECTRICAL
1" = 20'-0"
1





GENERAL NOTES

- A. ALL CIRCUITS ARE TO BE DE-ENERGIZED PRIOR TO COMMENCING
- B. CONTRACTOR TO CONFIRM SOURCE PANELS AND LINE TRACE CIRCUITS TO DETERMINE BREAKER SPACE.
- C. INSPECT PHYSICAL CONDITION OF ALL WIRING INTENDED FOR INTERCEPTION AND EXTENSION.
- D. PERFORM MEGGER/RESISTANCE TESTING AND NOTIFY ENGINEER OF DEFICIENCIES FOUND.
- E. REFER TO AS-BUILT DOCUMENTATION FOR EXISTING SINGLE-LINE DIAGRAMS AND DEVICE LAYOUTS, ALTHOUGH THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES AND EQUIPMENT PRIOR TO COMMENCING WORK AND COMPENSATE OWNER
- UTILITIES. F. FOR ITEMS TO BE DEMOLISHED, REMOVE WIRING, DEVICES, AND CONDUIT COMPLETE, DO NOT ABANDON IN PLACE UNLESS OTHERWISE NOTED. CONDUIT CAST IN-SLAB IS TO BE CUT-OFF BELOW GRADE AND

FOR DAMAGES CAUSED BY FAILURE TO LOCATE OR PRESERVE

- ABANDONED. G. DE-ENERGIZE, DISCONNECT, AND REMOVE ALL EXISTING ELECTRICAL
- INFRASTRUCTURE IN AREAS UNAFFECTED BY PROJECT DEMO. H. RETAIN EXISTING ELECTRICAL RACEWAYS IDENTIFIED FOR INTERCEPTION AND EXTENSION IN AREAS UNAFFECTED BY
- DEMOLITION. PERFORM INSTALLATION IN ACCORDANCE WITH THE CODES OF RECORD AND APPLICABLE DOE ORDERS, NATIONAL ELECTRICAL CODE (NEC), AND THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).
- J. ELECTRICAL DRAWINGS ARE CONSIDERED DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK AND SYSTEMS. COORDINATE ROUGH-IN REQUIREMENTS AND INSTALLATION REQUIREMENTS WITH OTHER TRADES.
- K. PERFORM WORK FOR REMOVAL AND DISPOSAL OF EQUIPMENT AND MATERIALS CONTAINING TOXIC SUBSTANCES REGULATED UNDER THE FEDERAL TOXIC SUBSTANCES CONTROL ACT (TSCA) IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.
 APPLICABLE EQUIPMENT AND MATERIALS INCLUDE, BUT ARE NOT LIMITED TO:
- 1. PCB-CONTAINING ELECTRICAL EQUIPMENT, INCLUDING TRANSFORMERS, CAPACITORS, AND SWITCHES. 2. PCB- AND DEHP-CONTAINING LIGHTING BALLASTS. 3. MERCURY-CONTAINING LAMPS AND TUBES, INCLUDING FLUORESCENT LAMPS, HIGH INTENSITY DISCHARGE (HID), ARC LAMPS, ULTRA-VIOLET, HIGH PRESSURE SODIUM, MERCURY VAPOR, IGNITRON TUBES, NEON, AND INCANDESCENT.
- REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.
- REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY.
- N. REMOVE EXPOSED ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONDUIT FLUSH WITH WALLS AND FLOORS, AND PATCH SURFACES.
- O. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS THAT ARE NOT REMOVED.
- P. DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.
- Q. REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING
- DEMOLITION AND EXTENSION WORK. R. MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS THAT REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL AS APPROPRIATE.
- S. REMOVE AND RESTORE WIRING WHICH SERVES USABLE OUTLETS CLEAR OF CONSTRUCTION OR DEMOLITION.
- T. DE-ENERGIZE, DISCONNECT AND REMOVE EXISTING EXIT SIGNS. CLEAN FIXTURE AND PROVIDE TO OWNERS REPRESENTENTIVE FOR SHELF INVENTORY AND USE IT AT LATER TIME.







PROJECT: 21005.03 DATE: 10/21/2022

FLOOR PLAN -MAIN LEVEL -ELECTRICAL

E111

HBx STUDIO

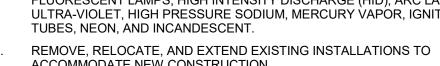
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REVISIONS:



M. REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY.

O. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS

THAT ARE NOT REMOVED. P. DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT

DEMOLITION AND EXTENSION WORK. MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS THAT

AS APPROPRIATE.

CLEAN FIXTURE AND PROVIDE TO OWNERS REPRESENTENTIVE FOR SHELF INVENTORY AND USE IT AT LATER TIME.

GENERAL NOTES

DEMOLITION.

- A. ALL CIRCUITS ARE TO BE DE-ENERGIZED PRIOR TO COMMENCING
- B. CONTRACTOR TO CONFIRM SOURCE PANELS AND LINE TRACE CIRCUITS TO DETERMINE BREAKER SPACE.
- C. INSPECT PHYSICAL CONDITION OF ALL WIRING INTENDED FOR INTERCEPTION AND EXTENSION.
- PERFORM MEGGER/RESISTANCE TESTING AND NOTIFY ENGINEER OF DEFICIENCIES FOUND.
- REFER TO AS-BUILT DOCUMENTATION FOR EXISTING SINGLE-LINE DIAGRAMS AND DEVICE LAYOUTS, ALTHOUGH THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES AND EQUIPMENT PRIOR TO COMMENCING WORK AND COMPENSATE OWNER FOR DAMAGES CAUSED BY FAILURE TO LOCATE OR PRESERVE UTILITIES.
- F. FOR ITEMS TO BE DEMOLISHED, REMOVE WIRING, DEVICES, AND CONDUIT COMPLETE, DO NOT ABANDON IN PLACE UNLESS OTHERWISE NOTED. CONDUIT CAST IN-SLAB IS TO BE CUT-OFF BELOW GRADE AND ABANDONED.
- G. DE-ENERGIZE, DISCONNECT, AND REMOVE ALL EXISTING ELECTRICAL INFRASTRUCTURE IN AREAS UNAFFECTED BY PROJECT DEMO. RETAIN EXISTING ELECTRICAL RACEWAYS IDENTIFIED FOR INTERCEPTION AND EXTENSION IN AREAS UNAFFECTED BY
- PERFORM INSTALLATION IN ACCORDANCE WITH THE CODES OF RECORD AND APPLICABLE DOE ORDERS, NATIONAL ELECTRICAL CODE (NEC), AND THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).
- ELECTRICAL DRAWINGS ARE CONSIDERED DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK AND SYSTEMS. COORDINATE ROUGH-IN REQUIREMENTS AND INSTALLATION REQUIREMENTS WITH OTHER TRADES.
- K. PERFORM WORK FOR REMOVAL AND DISPOSAL OF EQUIPMENT AND MATERIALS CONTAINING TOXIC SUBSTANCES REGULATED UNDER THE FEDERAL TOXIC SUBSTANCES CONTROL ACT (TSCA) IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. APPLICABLE EQUIPMENT AND MATERIALS INCLUDE, BUT ARE NOT LIMITED TO:
 - 1. PCB-CONTAINING ELECTRICAL EQUIPMENT. INCLUDING TRANSFORMERS, CAPACITORS, AND SWITCHES. 2. PCB- AND DEHP-CONTAINING LIGHTING BALLASTS. 3. MERCURY-CONTAINING LAMPS AND TUBES, INCLUDING FLUORESCENT LAMPS, HIGH INTENSITY DISCHARGE (HID), ARC LAMPS, ULTRA-VIOLET, HIGH PRESSURE SODIUM, MERCURY VAPOR, IGNITRON
- ACCOMMODATE NEW CONSTRUCTION.
- N. REMOVE EXPOSED ABANDONED CONDUIT. INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONDUIT FLUSH WITH WALLS AND FLOORS, AND PATCH SURFACES.
- SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED. Q. REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING
- REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL
- S. REMOVE AND RESTORE WIRING WHICH SERVES USABLE OUTLETS CLEAR OF CONSTRUCTION OR DEMOLITION.
- T. DE-ENERGIZE, DISCONNECT AND REMOVE EXISTING EXIT SIGNS.

NANCY \mathcal{C}

PROJECT: 21005.03 DATE: 10/21/2022

FLOOR PLAN -LOWER LEVEL -ELECTRICAL

E112



COMMONS 2

CLASSROOM

CLASSROOM

∑BATHROOM (∑

CLASSROOM

COMMONS 3

FLOOR PLAN - LOWER LEVEL - ELECTRICAL 1

CLASSROOM

122

CORE 4

R

CLASSROOM

NOTE: NOT ALL ABBREVIATIONS SHOWN MAY BE USED OR LISTED

AIR CONDITIONING LAV LAVATORY ACT ACOUSTICAL CEILING TILE LVT LUXURY VINYL TILE ADA AMERICAN W/DISABILITIES ACT ADJ ADJUSTABLE ABOVE FINISHED FLOOR AFF ALT ALTERNATE, ALTERNITIVE MI AOW AREA OF WORK BATT BATT INSULATION MTL METAL

MAXIMUM

MIRROR

NTS NOT TO SCALE

ON CENTER

OVERHEAD

OTS OPEN TO STRUCTURE

QUARRY TILE

RADIUS, RISER

ROOF DRAIN

REPLACE

REQUIRED

RELOC RELOCATED(D)

ROOM

RT RESILIENT TILE

REQ

RET

RESILIENT BASE

RETURN or RETENTION

RESILIENT FLOORING

ROUGH OPENING

SAM SELF ADHERED FLEXIBLE

FLASHING

SHEET VINYL

TEMPERED or TILE

TONGUE & GROOVE

TRECH DRAIN or TOWN DOWN!

TOP OF PARAPET or TOP OF

TOP OF SLAB or TOP OF STEEL

TOP & BOTTOM

THICK(NESS)

TOP OF DECK

PAVEMENT

VERTICAL

WITH

WOOD

WITHOUT

HOOK

EXTINGUISHER ALARM

LIFE SAFETY MOUNTING HEIGHTS

WEST or WIDTH

WIDE FLANGE WATER HEATER

TOP OF ROOF

TO MATCH

TOP OF

SIMILAR

PWD PLYWOOD

QTY QUANTITY

PROPERTY LINE

PRESSURE TREATED

MINIMUM

MASONRY OPENING

NOT IN CONTRACT

OUTSIDE DIAMETER or

CONTRACTOR INSTALLED

PLATE or PLASTIC LAMINATE or

OVERFLOW DRAIN

OWNER FURNISHED,

OWNER FURNISHED.

OWNER INSTALLED

MEDIUM DENSITY FIBERBOARD

BOARD BLDG BUILDING BLK BLOCK BLKG BLOCKING **BOTTOM OF** BOC BACK OF CURB BOD BOT BOTTOM BOTH SIDES

CLG

CLO

CLR

CMU

CSMT

CTR

CTSK

DIA

DIM

DN

DW

ELEV

ENM

ETR

EXT

FABX

FEC

FOC

FOF

FOM

FOS

GYP

RESTROOMS CLEARANCES AND MOUNTING HEIGHTS

LAVATORIES

MIRRORS

15" MIN.-

5" MAX.

8" MIN. FOUNTAIN

FIN. FLOOR

EΟ

DIM PT

DIAMETER

DIMENSION

DOWN

FXISTING EACH

ELEVATION

EXTERIOR

FIRE ALARM

FIRE ALARM BOX

FLOOR DRAIN

EQUIPMENT

GYPSUM

ENAMEL

EXPANSION JOINT

BASIS OF DESIGN CATCH BASIN CEMENT BACKER BOARD CFCI CONTRACTOR FURNISHED, CONTRACTOR INSTALLED CONTRACTOR FURNISHED. OWNER INSTALLED CORNER GUARD CONTROL JOINT

CENTER LINE CEILING CLOSET CLEAR(ANCE) CONCRETE MASONRY UNIT CEMENT PLASTER CASEMENT CSWK CASEWORK CERAMIC TILE CENTER COUNTERSINK DEMO DEMOLITION

DIMENSION POINT DAMPPROOFING DISHWASHER EXPANSION BOLT

STN STONE SLAB/VENEER SYM SYMBOL or SYMMETRICAL ELECTRIC OUTLET EXISTING TO REMAIN THK FURNISH AND INSTALL TOP FIRE EXTINGUISHER CABINET TOR TOS TWO TOP OF WALL

FINISHED FLOOR FURNITURE, FIXTURE & T-STAT TERMOSTAT TS TUBE STEEL FACE OF or FINISHED OPENING FACE OF CONCRETE TYP TYPICAL FACE OF FINISH UNO UNLESS NOTED OTHERWISE FACE OF MASONRY UOS UNDERSIDE OF STRUCTURE FACE OF STUD VCT VINYL COMPOSITE TILE GLASS MASONRY UNIT VEN VENEER GWB GYPSUM WALL BOARD VERT

HDRL HANDRAIL HDW HARDWARE HEIGHT HVAC HEATING, VENTILATION & AIR CONDITIONING JANITOR JANITOR'S CLOSET

CLEAR.ನಾ

EQ EQ

EXIT

SIGN

8" MIN.

~6" MAX

W PANELWOOD PANELING WRB WEATHER RESISTANT BARRIER WWF WELDED WIRE FABRIC

SPECIALTIES - FIRE EXTINGUISHERS

A. SURVEY EXISTING CONDITIONS OF ENTIRE FLOOR THAT PROJECT OCCURS AND PROVIDE NOT LESS THAN ONE APPROVED FIRE EXTINGUISHER WITH RATING NOT LESS THAN 20A 10B/C FOR EACH 1.500SF OF FLOOR AREA OR FRACTION THEREOF. TRAVEL DISTANCES TO AN EXTINGUISHER FROM ANY PORTION OF THE BUILDING SHALL NOT EXCEED 75 FEET. PROVIDE FIRE EXTINGUISHER(S) IN ACCORDANCE WITH CURRENT

FIRE PROTECTION, ALARM AND EXTINGUISHERS

B. PROVIDE NEW FIRE EXTINGUISHER(S) AT ALL EXISTING CABINETS WHERE MISSING. ALL REUSED EXISTING FIRE EXTINGUISHERS ARE TO BE INSPECTED AND/OR RECHARGED, AS NECESSARY, PRIOR TO SUBSTANTIAL COMPLETION.

FIRE PROTECTION & ALARM SYSTEMS

- A. CONTACT BUILDING MANAGER FOR INSTRUCTIONS WHEN SCHEDULING WORK ON FIRE SPRINKLER AND ALARM SYSTEMS.
- B. AUTOMATIC SPRINKLER SYSTEM SUPERVISION: ALL VALVES, INCLUDING THOSE IN PITS, SHALL BE MONITORED BY UL LISTED FIRE MARSHAL - APPROVED CENTRAL STATION. WATER FLOW AND HIGH/LOW PRESSURE FOR DRY PIPE SYSTEMS (IF USED) SHALL BE SUPERVISED AS WELL AS OTHER FEATURES DEEMED NECESSARY BY CURRENT NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS.
- C. PREPARE SPRINKLER SYSTEM SHOP DRAWINGS FOR COORDINATION WITH ARCHITECTS
- D. PROVIDE FULLY CONCEALED SPRINLKER HEADS IN HARDLID CEILINGS, UNLESS NOTED
- E. PAY ALL FEES AND OBTAIN ALL PERMITS AND APPROVALS FROM AUTHORITIES HAVING JURISDICTION NECESSARY TO COMPLETE THE WORK.

BUILDING ALARM SYSTEM/SMOKE DETECTORS

- A. PROVIDE VISUAL AND AUDIBLE ALARM SIGNAL APPLIANCES INTEGRATED INTO THE BUILDING ALARM SYSTEM AS REQUIRED BY ADA AND CURRENT OSSC STANDARDS. PROVIDE ADDITIONAL ELECTRICAL SERVICE AS REQUIRED. COORDINATE REQUIREMENTS WITH BUILDING OWNER. ALARM LOCATIONS INDICATED ON PLANS ARE FOR REFERENCE
- B. PROVIDE SHOP DRAWINGS FOR ALARM SYSTEM LAYOUT AS REQUIRED BY CODE.
- C. SMOKE DETECTION DEVICES INDICATED ON THE DRAWINGS ARE FOR REFERENCE ONLY CONFIRM SPACING OF DETECTORS WITH DEVICE LISTING.
- D. CLEAN AND REPAIR EXISTING SMOKE DETECTORS TO BE REUSED TO GOOD WORKING CONDITION.

DIMENSIONS MEASURED TO THE

POINT OF OPERATING CONTROL

TOWEL

DISPENSER

ADA REACH RANGES

10" MAX. OBSTR.

FOR SIDE REACH

UNOBSTRUCTED

REACH

PAPER SOAP LOTION HAND

OBSTRUCTED

SIDE REACH

SURFACE 2'-3" MIN. TO 2-10"

CHANGE

STATION

OBSTRUCTED

FORWARD

REACH

ZONE FOR TOILET

TOILET PAPER

DISPENSER

PAPER DISPENSER

MAX WHEN OPENED

MAXIMUM HEIGHT TO DISPENSERS SHOWN,

DISPENSER NAPKIN DISPENSER/ RECEPTACLE

RECEPTACLE

DISPENSER WASTE

COORDINATE WITHIN TILE MODULE

HAND TOWEL SEAT COVER SANITARY

CCTV 🗓

CLOSED ELECTRICAL

ALARM CIRCUIT PANEL

` FIRE

STATION & HORN CAMERA

CABINET PULL STROBE TELEVISION

HARDWARE, SPECIALITIES & FINISHES

DOOR HARDWARE

- A. DOORS SHALL OPEN FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- B. NEW EXTERIOR DOOR HARDWARE SHALL MATCH EXISTING BUILDING STANDARDS AND BE ADA COMPLIANT. LEVELER HANDLE, HINGES AND CLOSESERS TO ALL MATCH SAME FINISH AND BUILDING STANDARD AND EACH OTHER.
- C. CONTRACTOR SHALL VERIFY COMPATABILITY OF HARDWARE SPECIFIED WITH BUILDING
- D. PROVIDE NEW DOORS WITH FINISH SPECIFIED PER SCHEDULE. PROVIDE DIAGRAM OF WOOD GRAIN DETAIL, MATCHING AND FINISH.
- E. PROVIDE DOOR CLOSERS PER SCHEDULE. SUBMIT CUT SHEET FOR ARCHITECT REVIEW AND APPROVAL.
- G. PROVIDE DOOR OPENINGS IN RATED WALLS COMPLYING WITH REQUIRED SMOKE CONTROL ASSEMBLY AND INDICATED FIRE PROTECTION RATING. WHERE EXISTING DOOR OPENINGS DO NOT COMPLY WITH PRESENT BUILDING CODE REQUIREMENTS, PROVIDE NEW DOORS, FRAMES AND HARDWARE THAT COMPLY.
- H. ADJUST THE RESISTIVE FORCE OF ALL NEW AND EXISTING INTERIOR DOOR CLOSERS IN THE PROJECT AREA TO A MAXIMUM PRESSURE OF 5 LBS TO COMPLY WITH ADA REQUIREMENTS.

FINISHES - PATCH & REPAIR

- I. REPAIR/REFINISH ANY DAMAGE TO EXISTING FINISH SURFACES IN IMPROVEMENT AREA CAUSED BY CONSTRUCTION OPERATIONS.
- J. PAINT EXISTING WALLS WITH (2) COATS OF EGGSHELL FINISH PAINT UNLESS NOTED OTHERWISE. SUBMIT COLOR DRAW-DOWNS TO ARCHITECT FOR APPROVAL PRIOR TO
- K. WHERE ALL NEW PARTITIONS ABUT, JOIN OR CONNECT TO EXISTING SURFACES, WALLS OR NEW CONSTRUCTION, ALIGN THE FINISH SURFACE.
- L. ALL NEW WALLS AND PARTITIONS SHALL HAVE TAPED JOINTS (3) COATS SANDED AND PRIMED TO MEET PAINT READY REQUIREMENTS.
- M. EXISTING WALLS AND SURFACES SHALL BE STRIPPED, RESURFACED AND PATCHED AS REQUIRED.
- N. PROVIDE A FULL GALLON OF EACH WALL COLOR WITH LABELS IN TENANT SUITE. LABEL ALL LEFT OVER PAINT AND DELIVER TO OWNER WHERE DIRECTED.
- O. TAPE AND SAND EXPOSED GYPSUM BOARD FOR A FLAT, SMOOTH SURFACE FINISH TO MATCH EXISTING ADJACENT SURFACES IN BUILDING UNLESS NOTED OTHERWISE.
- P. PROVIDE FINISH MATERIALS MATCHING ESTABLISHED BUILDING STANDARD QUALITY. UNLESS NOTED OTHERWISE. PROVIDE COLORS APPROVED BY OWNER AND ARCHITECT.

CLEAR SPACE

3" 3' - 0" MIN.

4" MAX

PROTRUDING

OBJECTS

WATER CLOSETS

CLEAR SPACE

3' - 6" MIN. - 0" MAX

¥ 3' - 4"

OBSTRUCTED

FORWARD REACH

Q. CONTRACTOR TO FILL AND PATCH EXISTING CONCRETE SLABS AND SHALL PROVIDE SMOOTH UNIFORM SURFACE PRIOR TO NEW FLOOR COVERINGS TO BE INSTALLED.

GENERAL NOTES - PROJECT

- A. REVIEW ALL CONSTRUCTION DOCUMENTS AND SPECIFICATIONS AND COMPARE THEM TO FIELD CONDITIONS PRIOR TO PROCEEDING WITH THE WORK. IMMEDIATELY REPORT ANY CONFLICTS, DISCREPANCIES, OR OMISSIONS TO THE ARCHITECT PRIOR TO SUBMITTING
- B. ALL WORK SHALL BE DONE IN CONFORMANCE WITH THE LATEST EDITION OF APPLICABLE BUILDING CODES, PROGRAM GUIDES OR OTHER REQUIREMENTS OF THE LOCAL JURISDICTION.
- C. ALL WORK, BOTH NEW AND IN PLACE, IS TO MEET THE BUILDING FIRE-LIFE SAFETY SUMMARY IN THE AREA OF REMODEL WORK PRIOR TO FINAL INSPECTION.
- D. PROVIDE ALL WORK REQUIRED FOR A COMPLETE INSTALLATION WHETHER OR NOT SHOWN OR DESCRIBED.
- COORDINATE THE MOVEMENT OF PERSONNEL AND MATERIALS WITHIN THE BUILDING AND SIMILAR AREAS WITH THE OWNER'S REPRESENTATIVE. SCHEDULE ACTIVITIES SO THEY ARE NOT DISRUPTIVE TO OCCUPANTS OF THE BUILDING. MAINTAIN EXITING, FIRE PROTECTION AND LIFE SAFETY PER THE FIRE MARSHALL'S OFFICE. COORDINATE DISRUPTIVE WORK FOR AFTER BUSINESS HOURS.
- F. CONTRACTOR SHALL NOT SCALE THE DRAWINGS OR DETAILS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND CONDITIONS AT THE JOBSITE. WHERE WRITTEN DIMENSIONS ARE NOT INDICATED OR CANNOT BE DISCERNED FROM THE CONSTRUCTION DOCUMENTS, CONTACT THE ARCHITECT FOR CLARIFICATION.
- G. NOTIFY THE ARCHITECT IN WRITING IF THERE ARE ANY CORRECTIONS OR CHANGES REQUIRED TO THE CONSTRUCTION DOCUMENTS BY THE AUTHORITY HAVING JURISDICTION. CORRECTION LIST OR COMMENTS MUST BE DELIVERED TO THE DESIGN AGENCY VIA EMAIL AND INCORPORATED BY THE CONTRACTOR INTO THE PERMIT SET
- H. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL TRADES, INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL REQUIREMENTS.

I. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO FOLLOW AND COORDINATE ALL ITEMS PER THE MANUFACTURE'S PRINTED INSTRUCTIONS, SPECIFICATIONS AND INSTALLATION DETAILS. THE INSTALLATION OF ALL BUILDING PRODUCTS (INTERIOR AND EXTERIOR), FIXTURES, EQUIPMENT, ETC. SHALL FOLLOW MANUFACTURER INSTALLATION REQUIREMENTS.

CONSTRUCTION PHASE

J. THE ARCHITECT SHALL NOT HAVE CONTROL OVER NOR IS RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES IN THE EXECUTION OF THE WORK. SAFETY PRECAUTIONS OR PROGRAMS CONNECTION WITH THE PROJECT ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

MATERIAL SPECIFICATIONS

- K. SPECIFIC ITEMS DESCRIBED, LISTED OR DRAWN WITHIN THE CONSTRUCTION SET ARE CONSIDERED THE BASIS OF DESIGN FOR THE PROJECT. IF A SUBSTITUTION IS PROPOSED, THE GENERAL CONTRACTOR IS TO CERTIFY THAT THE PRODUCT IS OF EQUAL OR GREATER PERFORMANCE OR REQUEST REVIEW BY THE DESIGN AGENCY IN WRITING.
- L. THE GENERAL CONTRACTOR SHOULD CONFIRM APPLICABILITY OF ALL SPECIFIED PRODUCTS WITH THE MANUFACTURER FOR SPECIFIC USE AS SHOWN PRIOR TO PURCHASING AND INSTALLATION.

SUBMITTAL PROCEDURES

- M. THE GENERAL CONTRACTOR SHALL PROVIDE THE ARCHITECT AND BUILDING OWNER PRODUCT DATA, CUTSHEETS AND SHOP DRAWINGS OF INSTALLED PRODUCTS OR DESIGN-BUILD ITEMS IN DIGITAL .PDF FORMAT FOR REVIEW FOLLOWING THE CONTRACTOR'S REVIEW FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. ARCHITECT WILL THEN REVIEW EACH SUBMITTED FOR GENRAL COMFORMAMANCE.
- N. PROVIDE A MINIMUM (2) PHYSICAL PRODUCT SAMPLES FOR EACH FINISH, INCLUDING PAINT DRAWDOWNS, SPECIFIED WITHIN THESE DRAWINGS.

BEAVERTON, OR 97006

ATTN: JASON MOURRAY JASON_MOURRARY@BEAVERTON.K12.OR.US

HBX STUDIO ARCHITECTURE, INC. 831 SE SALMON ST SUITE 140 PORTLAND, OR 97214

ATTN: MICHAEL BARRETT, AIA

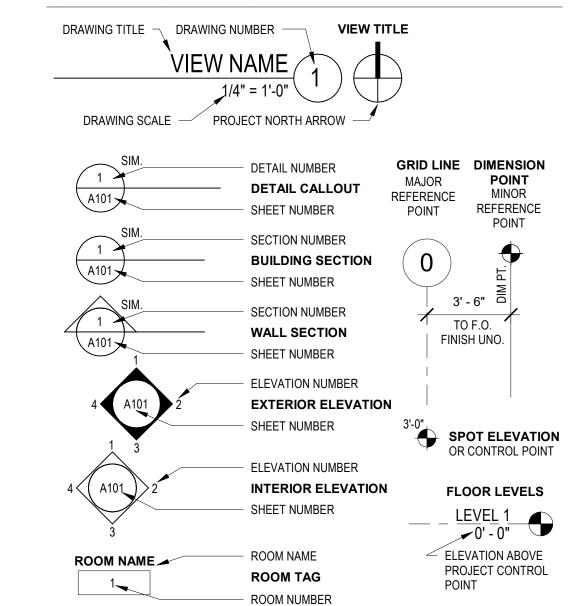
CONTRACTOR: TBD

GENERAL SYMBOLS

ENLARGED PLAN OR

SLOPE SYMBOLS

PLAN DETAIL CALLOUT



- DETAIL NUMBER

SHEET NUMBER

DEFERRED SUBMITTALS - DESIGN/BUILD

ALL DEFERRED SUBMITTALS SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL WITH A NOTATION INDICATING THAT THE DOCUMENTS HAVE BEEN REVIEWED AND FOUND TO BE IN CONFORMANCE WITH THE DESIGN DIRECTION WITHIN THESE DOCUMENTS.

ALL WORK IS SUBJECT TO FIELD INSPECTION, DO NOT COVER WORK PRIOR TO CITY

SEPARATE PERMIT(S)

REVISION CLOUD

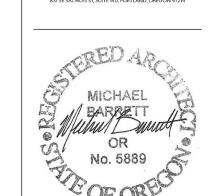
SLOPE DOWN

SEPARATE PERMITS ARE REQUIRED FOR THE BELOW ITEMS. THE GENERAL CONTRACOTR SUBMIT PLANS FOR REVIEW AND APPROVAL TO THE LOCAL AUTHORITY HAVING JURISDCIATION.

FIRE PROTECTION SYSTEMS

FIRE ALARM SYSTEMS

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REVISIONS:

CLASSROOM WALLS PHASE 3 -PROJECT NAME: SCHOLLS HEIGHTS ELEMENTARY SCHOOL

PROJECT SUMMARY

PROJECT ADDRESS:

JURISDICTION:

BEAVERTON OR 97007 CITY OF BEAVERTON V-B (SPRINKLERED)

16400 SW LOON DR

CONSTRUCITON TYPE: BUILDING HEIGHT: 2 STORY BUILDING OCCUPANCY: EDUCATIONAL, ASSEMBLY (NON-SEPRATED)

PROJECT SCOPE

INTERIOR ALTERATION TO PROVIDE SECURITY IMPROVEMENTS TO EXISTING CLASSROOM AND EDUCATION COMMONS AREA. SCOPE INCLUDES BUILDING NEW PARTITIONS AT EXISTING OPENINGS WITH NEW CLASSROOM ENTRY DOORS. EXISTING OCCUPANCY, OCCUPANTS AND EGRESS PATTERNS ARE UNCHANGED.

ADDITIONAL SCOPE ADDRESSES 25% FOR ADA UPGRADES.

PROJECT TEAM

BEAVERTON SCHOOL DISCTRICT 1260 NORTHWEST WATERHOUSE AVENUE,

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LIST OF DRAWINGS

CURRENT

SHEET	DRAWING NAME	REVISION
G041	COVER PAGE	
G141	SITE PLAN & ACCESSIBLE PARKING	
G142	FIRE & LIFE SAFETY PLAN - MAIN LEVEL	
G143	FIRE & LIFE SAFETY PLAN - LOWER LEVEL	
A141	FLOOR PLAN - MAIN LEVEL	
A142	FLOOR PLAN - LOWER LEVEL	
A143	ENLARGED PLAN - TYPICAL CLASSROOM	
A241	ENLARGED TYPICAL CEILING PLAN	
A800	TYPICAL PARTITION DETAILS	
A801	TYPICAL PARTITION DETAILS	
A900	DOORS, FRAMES, HARDWARE SCHEDULE & TYPICAL OPENING DETAILS	
M001	GENERAL NOTES AND ABBREVIATIONS	
M141	FLOOR PLAN - LOWER LEVEL - HVAC	
M142	FLOOR PLAN - UPPER LEVEL - HVAC	
M143	ENLARGED PLANS - TYPICAL CENTER CLASSROOM HVAC	
M144	ENLARGED PLANS - TYPICAL END CLASSROOM HVAC	
E001	LEGEND AND ABBREVIATIONS - ELECTRICAL	
E111	FLOOR PLAN - MAIN LEVEL - ELECTRICAL	
E112	FLOOR PLAN - LOWER LEVEL - ELECTRICAL	

G041

COVER PAGE

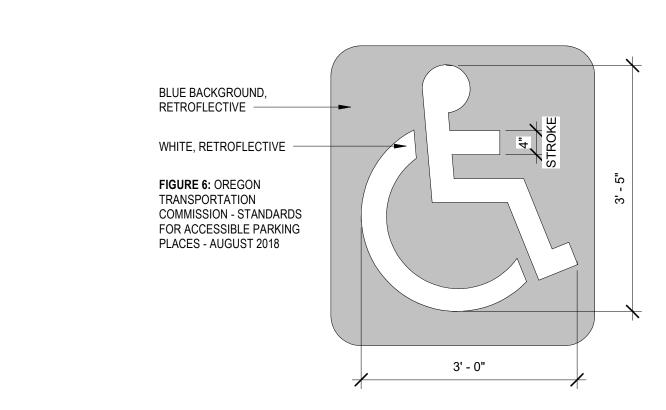
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11/10/2022

PROJECT:

DATE:





ACCESSIBLE SIGNAGE 4

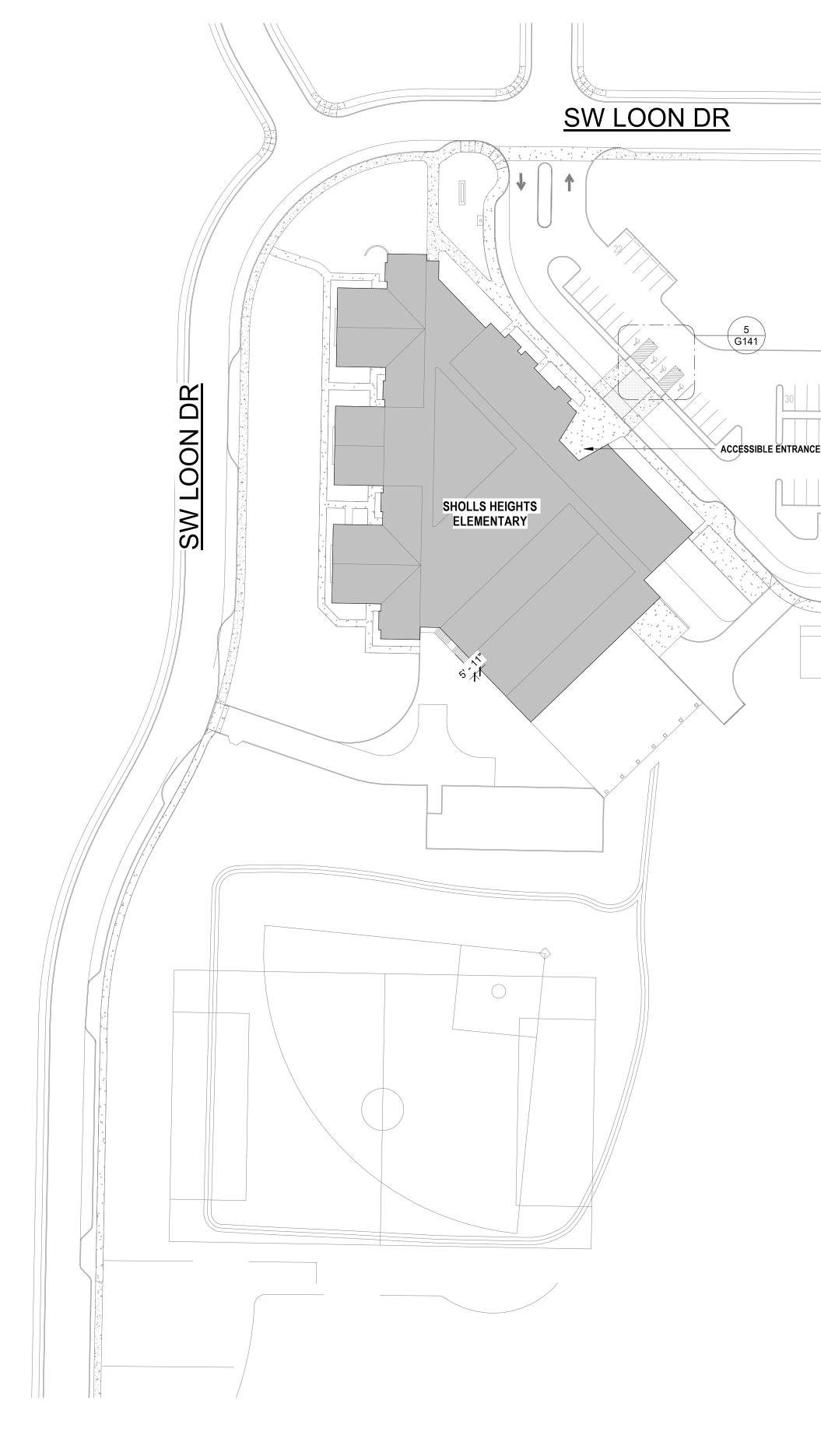
STANDARDS.

PARKING WITH D.M.V DISABLED PERMIT ONL VIOLATORS SUBJECT T TOWING UNDER ORS 811.620 AND FINI UP TO \$470 UNDER ORS 811.615





ACCESSIBLE PARKING ACCESS AISLE



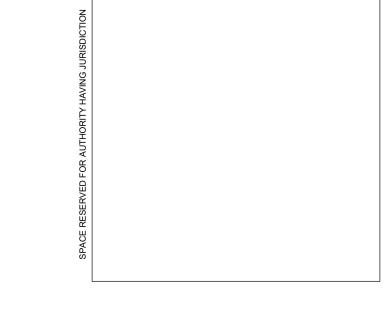


- REPLACE EXISTING PARKING SIGNS WITH CURRENT ODOT STANDARD (R7-8 & 7-8A) AS SHOWN ON PLAN AND PHOTOGRAPH.

- VERIFY EXISTING POST HEIGHT MEETS REQUIREMENTS OF DETAIL 4 ON THIS PAGE. IF NON-COMPLIANT, REPLACE EXISTING POLE TO MEET CURRENT REQUIREMENTS.

- PROVIDE MINIMUM (1) NEW POST WHERE MISSING

- PROVIDE SUPPLEMENTAL "NO PARKING" PAVEMENT MARKING WITHIN EXISTING STRIPING AISLES. COORDINATE TIMING AND BUNDLING WITH DISTRICT IF WORK IS PERFORMED PRIOR TO THE SCOPE CONTAINED WITHIN THIS DOCUMENT SET.



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MICHAEL BARRETT Walker David OR No. 5889 No. 5889

REVISIONS:

HOOL

ORS 447.241 (25% ADA RULE) COMPLIANCE

EVERY PROJECT FOR RENOVATION, ALTERATION OR MODIFICATION TO AFFECTED BUILDINGS AND RELATED FACILITIES THAT AFFECTS OR COULD AFFECT THE USABILITY OF OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION SHALL BE MADE TO INSURE THAT, TO THE MAXIMUM EXTENT FEASIBLE, THE PATHS OF TRAVEL TO THE ALTERED AREA AND THE RESTROOMS, TELEPHONES AND DRINKING FOUNTAINS SERVING THE ALTERED AREA ARE READILY ACCESSIBLE TO AND USEABLE BY INDIVIDUALS WITH DISABILITIES. UNLESS SUCH ALTERATIONS ARE DISPROPORTIONATE TO THE OVERALL ALTERATIONS IN TERMS OF COST AND SCOPE.

EXISTING NON-COMPLIANT ITEMS WITHIN THE PATH OF TRAVEL TO THE AFFECTED AREA(S) OR ELEMENTS SERVING THE ALTERED AREA PROPOSED TO BE REMEDIATED WITHIN THIS PROJECT SCOPE INCLUDE:

- NEW ACCESSIBLE PARKING SIGNAGE & PAVING MARKINGS TO MEET CURRENT REQUIREMENTS AT EXISTING ADA PARKING ACCESS AISLE (ODOT - STANDARDS FOR ACCESSIBLE PARKING - 2018)
- REMOVAL OF DOOR LEAVES AT EXISTING STUDENT RESTROOMS (404.2 MANUAL DOORS)
- INSTALLATION OF STAIR LEVEL IDENTIFICATION SIGNAGE AT EXISTING STAIRWAYS WITHIN THE ALTERED AREA

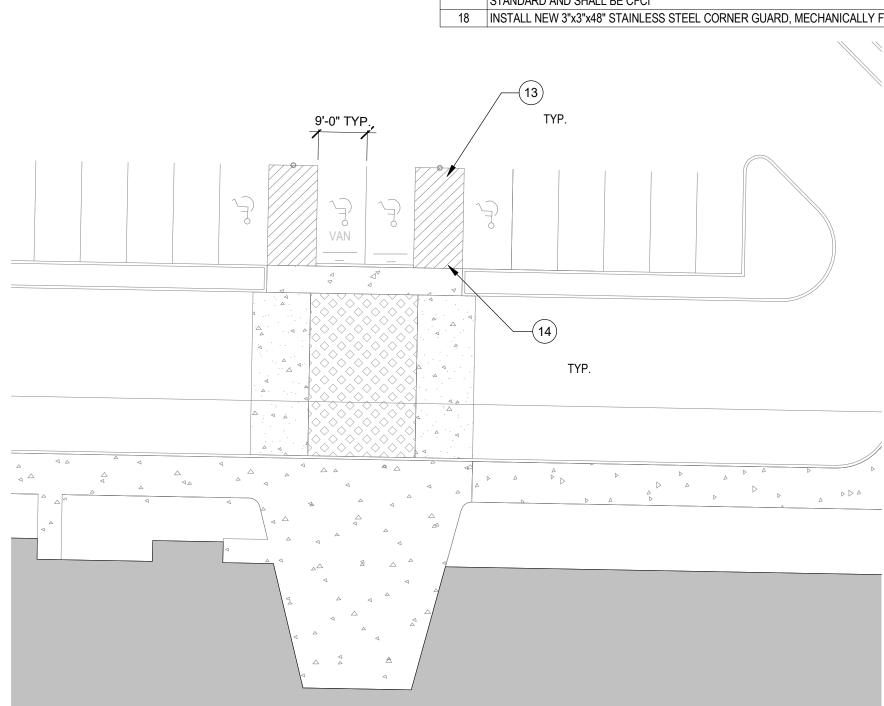
FOLLOWING COMPLETION OF THIS PROJECT, NO ADDITIONAL BARRIERS ARE KNOWN WITHIN THE PROJECT AREA SUBJECT TO ORS 447.241.

NOTE THAT THE EXISTING STAFF RESTROOMS ON THE GROUND FLOOR ARE CONSIDERED COMPLIANT WITH THE AMERICAN WITH DISABILITIES ACT TITLE III -SAFE HARBOR EXCEPTION FOR MEETING THE REQUIREMENTS OF ANSI A117.1-1991 AS MODIFIED AND CODIFIED BY CHAPTER 11 OF THE 1990 OSSC. THESE RESTROOMS ARE CONNECTED BY A COMPLIANT ACCESSIBLE ROUTE FROM ALL ALTERED AREAS WITHIN THIS PROJECT.

KEYED NOTES - PROJECT SCOPE

- 1 ALIGN FACE OF ADJACENT FINISHES, TYPICAL.
- SEE TYPICAL ENLARGED PLANS AND KEYNOTES FOR SCOPE WTIHIN THIS AREA.
- PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL. 4 DEMOLISH EXISTING OPERABLE PARTITION. GC TO RECYCLE IF POSSIBLE. EXISTING
- HEADTRACK TO REMAIN. FIELD VERIFY HEADTRACKS PRIOR TO INSTALLATION OF NEW
- PROVIDE 2X WOOD BLOCKING FOR FUTURE WALL MOUNTED BOARD (CFCI) ALONG ENTIRE LENGTH OF THIS WALL. SEE TYPICAL ELEVATION AND BLOCKING DETAIL.
- REMOVE (E) DOOR AND HARDWARE. SEE TYPICAL FOR PATCH AND PAINT
- REQUIREMENTS. PROVIDE STAIR LEVEL IDENTIFICATION SIGN IN RAISED CHARACTERS AND BRAILLE TO
- MEET THE REQUIREMENTS OF 2009 ICC A117.1 504.9 AT EACH FLOOR LEVEL LANDING ADJACENT OT THE DOOR LEADING FROM THE STAIRWELL INTO THE CORRIDOR TO IDENTIFY THE FLOOR LEVEL. PROVIDE ADDITIONAL SIGN AT STAIRWELL EXIT DOOR STATING 'EXIT.' SIGNS TO MATCH EXISTING CODE REQUIRED SIGNAGE FOR COLOR, SIZE AND FONT WITHIN THE BUILDING.
- 13 PROVIDE TRAFFIC COATING "NO PARKING" MARKING AT EXISTING ADA ACCESS AISLE. 14 PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL, SEE SITE PLAN FOR TYPICAL
- 17 INSTALL OWNER PROVIDED ROOM SIGANGE, TYP. ALL SIGNAGE TO MATCH DISTRICT STANDARD AND SHALL BE CFCI





SITE PLAN 1" = 60'-0"

ACCESSIBLE PARKING LOCATION

1" = 20'-0"

6



SITE PLAN & ACCESSIBLE

21005.04 11/10/2022

PROJECT:

DATE:

G141

PARKING

EXISTING ADA PARKING - SIGNAGE SCOPE 5

CODE SUMMARY

APPLICABLE CODES

2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC) 2019 OREGON ZERO ENERGY READY COMMERCIAL CODE (OSSC CHAPTER 13) 2019 OREGON MECHANICAL SPECIALTYCODE (OMSC) 2017 OREGON PLUMBING SPECIALTY CODE (OPSC) 2017 OREGON ELECTRICAL SPECIALTY CODE (OESC) 2019 OREGON FIRE CODE (TUALATIN VALLEY FIRE AND RESCUE FIRE CODE APPLICATION GUIDE 3.4R) ICC/ANSI A117.1 - 2017

CITY OF BEAVERTON MUNICIPAL CODE

CONSTRUCTION TYPE & USE (CHAPTERS 3.4 & 5)

BUILDING OCCUPANCY: E (EDUCATION)

CONSTUCTION TYPE: V-B (SPRINKLERED) 2 ABOVE GRADE STORIES: NON-SEPARATED SEPARATION:

FIRE-RESISTANT RATING REQUIREMENTS (CHAPTER 6)

PRIMARY STRUCTURAL FRAME: 0 HOURS BEARING WALLS: 0 HOURS EXTERIOR: 0 HOURS INTERIOR NON BEARING WALLS AND PARTITIONS SEE SHELL FLS PLANS EXTERIOR: INTERIOR: 0 HOUR FLOOR CONSTRUTION 0 HOURS 0 HOURS ROOF CONSTRUCTION:

INTERIOR FINISHES (CHAPTER 8)

ALL INTERIOR AND CEILING FINISH MATERIALS TO BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL 723 AND MEET THE FOLLOWING SMOKE-DEVELOPED INDEXES AS REQUIRED BY TABLE 803.9 BELOW:

INTERIOR EXIT STAIRWAYS, EXIT RAMPS AND EXIT PASSAGEWAYS: CORRIDORS AND ENCLOSUES FOR EXIT STAIRWAYS AND RAMPS: CLASS B ROOMS AND ENCLOSED SPACES: CLASS C

MEANS OF EGRESS (CHAPTER 10)

1006.2.1 NUMBER OF EXITS: MORE THAN ONE EXIT IS REQUIRED FROM EACH TENANT SUITE IF THE OVERALL OCCUPANT LOAD IS GREATER THAN 49

1006.2.1 COMMON PATH OF EGRESS TRAVEL: THE MAXIMUM COMMON PATH OF EGRESS TRAVEL FOR OCCUPANCY GROUPS E SHALL NOT BE MORE THAN **75 FEET** WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 903.3.1.1

1007.1.1 EXIT DISTANCE: WHERE TWO EXITS ARE REQUIRED, THE SEPARATION DISNACE SHALL NOT BE LESS THAN 1/3RD THE DIAGONAL WITH AN AUTOMATIC SPRINKLER

1016.2 EXIT TRAVEL DISTANCE: MAXIMUM TRAVEL DISTANCE FOR OCCUPANCY E, SPRINKLERED: 250'

LEGEND - FLS PLANS

NOTE: PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS INDICATED BELOW:

••••••• 1/2 HOUR FIRE PARTITION - 20 MINUTE DOOR 1 HOUR FIRE PARTITION - 45 MINUTE DOOR 1 HOUR FIRE BARRIER - 60 MINUTE DOOR — — — — 2 HOUR FIRE BARRIER - 90 MINUTE DOOR 3 HOUR FIRE BARRIER - 20 MINUTE DOOR

EGRESS PATH OF TRAVEL WITH MINIMUM CLEARANCE WIDTH /// INDICATED. PROVIDE MINIMUM ILLUMINATION FOR EXITING.

 $\mathbf{F} - \mathbf{C.P.} \times \mathbf{X'} - \mathbf{X''} - \mathbf{Z''} - \mathbf{Z''} = \mathbf{COMMON}$ PATH OF EGRESS TRAVEL (OSSC 1014.3)



 \vdash - $\xrightarrow{E.A.} \overline{X'} - \overline{X''} - - - \xrightarrow{P}$ EXIT ACCESS DISTANCE (OSSC 1016) OCCUPANT LOAD AT OPENING CUMMALTIVE OCCUPANT LOAD AT OPENING

> LIGHTED EXIT SIGN - CEILING MOUNTED SHADING INDICATES LIGHTED FACE(S), DIRECTION ARROW



CORRESPONDS TO DIRECTION ARROW ON SIGN LIGHTED EXIT SIGN - WALL MOUNTED



FIRE EXTINGUISHER CABINET - COORDINATE LOCATION WITH FIRE MARSHAL

PROJECT: DATE:

SSROOM LOON DR

S

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S

FIRE & LIFE SAFETY PLAN -

21005.04

11/10/2022

G142

MAIN LEVEL

(E) STUDENT RESTROOMS SERVING ALTERED AREA **CLASSROOM ACCESSIBLE** 977 SF **ENTRANCE** OCC TYPE: E FACTOR: 20 LOAD: 49 (E) STAFF SINGLE OCCUPANT RESTROOMS SERVING ALTERED AREA. RESTROOMS COMPLY ANSI A117.1-1991 CLEARANCES **CLASSROOM** AND MEET CONDITIONS OF THE AMERICANS WITH DISABILITIES ACT SAFE HARBOR EXCEPTION OF TITLE III - SECTION D.2.i 38' - 2" DIAG. 247 961 SF CLASSROOM OCC TYPE: E (E) ELEVATOR FACTOR: 20 220 LOAD: 48 767 SF **CLASSROOM** OCC TYPE: E 246 FACTOR: 20 LOAD: 39 959 SF OCC TYPE: E FACTOR: 20 LOAD: 48 COMMONS 245 ^{38'} - 4" DIAG 820 SF OCC TYPE: E **CLASSROOM** FACTOR: 20 LOAD: 42 **CLASSROOM** (E) STUDENT RESTROOMS 218 49 OCC TYPE: E SERVING ALTERED AREA FACTOR: 20 961 SF LOAD: 49 COMMONS OCC TYPE: I FACTOR: 20 215 CLASSROOM LOAD: 49 INTERIOR EXIT STAIR 837 SF 217 OCC TYPE: E 961 SF FACTOR: 20 LOAD: 44 1-11" DIAG. **CLASSROOM** OCC TYPE: E FACTOR: 20 LOAD: 49 (49) 977 SF OCC TYPE: E CLASSROOM FACTOR: 20 LOAD: 49 214 962 SF **CLASSROOM** NOTE: EXIT SIGNS WITHIN THIS PLAN ARE EXISTING (E) OCC TYPE: E UNLESS NOTED OTHERWISE **CLASSROOM** 212 FACTOR: 20 LOAD: 49 213 OCC TYPE: E ALTERED AREA - PRIMARY FUNCTION 961 SF FACTOR: 20 OCC TYPE: E LOAD: 49 ACCESSIBLE PATH OF TRAVEL TO THE ALTERED AREA FACTOR: 20 LOAD: 49 AREA OUTSIDE OF PROJECT SCOPE

FIRE & LIFE SAFETY PLAN - MAIN LEVEL
1/16" = 1'-0"
1

ORS 447.241 (25% ADA RULE) COMPLIANCE

EVERY PROJECT FOR RENOVATION, ALTERATION OR MODIFICATION TO AFFECTED BUILDINGS AND RELATED FACILITIES THAT AFFECTS OR COULD AFFECT THE USABILITY OF OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION SHALL BE MADE TO INSURE THAT, TO THE MAXIMUM EXTENT FEASIBLE, THE PATHS OF TRAVEL TO THE ALTERED AREA AND THE RESTROOMS, TELEPHONES AND DRINKING FOUNTAINS SERVING THE ALTERED AREA ARE READILY ACCESSIBLE TO AND USEABLE BY INDIVIDUALS WITH DISABILITIES, UNLESS SUCH ALTERATIONS ARE DISPROPORTIONATE TO THE OVERALL ALTERATIONS IN TERMS OF COST AND SCOPE.

EXISTING NON-COMPLIANT ITEMS WITHIN THE PATH OF TRAVEL TO THE AFFECTED AREA(S) OR ELEMENTS SERVING THE ALTERED AREA PROPOSED TO BE REMEDIATED WITHIN THIS PROJECT SCOPE INCLUDE:

- NEW ACCESSIBLE PARKING SIGNAGE & PAVING MARKINGS TO MEET CURRENT REQUIREMENTS AT EXISTING ADA PARKING ACCESS AISLE (ODOT - STANDARDS FOR ACCESSIBLE PARKING - 2018)
- REMOVAL OF DOOR LEAVES AT EXISTING STUDENT RESTROOMS (404.2 -MANUAL DOORS) INSTALLATION OF STAIR LEVEL IDENTIFICATION SIGNAGE AT EXISTING STAIRWAYS WITHIN THE ALTERED AREA

FOLLOWING COMPLETION OF THIS PROJECT, NO ADDITIONAL BARRIERS ARE KNOWN WITHIN THE PROJECT AREA SUBJECT TO ORS 447.241.

CODE REQUIRED SIGANGE

- A. PROVIDE REQUIRED CODE REQUIRED SIGNAGE AS PRESCRIBED BY THE OREGON STRUCTURAL SPECIALTY CODE AND THE INTERNATIONAL FIRE CODE. COORDINATE LOCATION WITH ARCHITECT AND AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION.
- B. THE FOLLOWING ITEMS ARE TYPICALLY PROVIDED BY THE GENERAL CONTRACTOR, BUT MAY NOT EXHAUSTIVE OF ALL UNIQUE PROJECT REQUIREMENTS. COORDINATE EXTENT OF CODE REQUIRED SIGNAGE WITHIN THIS PROJECT WITH ARCHITECT OF RECORD PRIOR TO SUBSTANTIAL COMPLETION.
- C. OREGON SPECIALTY STRUCTURAL CODE BASED ON THE INTERNATIONAL BUILDING CODE (IBC)

- OCCUPANT LOAD (1004.3) - TWO-WAY COMMUNICATION DEVICES (IBC 1007.8.2) - AREAS OF REFUGE (IBC 1007.9) - DELAYED EMERGENCY EXIT DOORS (IBC 1008.1.9) - KEY LOCKS ON EGRESS SIDE OF DOORS (IBC 1008.1.9) - EXIT SIGNAGE (IBC 1011.1) - FLOOR IDENTIFICATION (IBC 1022.8) - ACCESSIBILITY ELEMENTS AND DIRECTIONAL SIGNAGE (IBC 1110) - ELEVATOR EMERGENCY SIGNS (IBC 3002.3)

RATED ASSEMBLIES

- A. WHERE RATED ASSEMBLIES ARE SHOWN ON THE FLS PLAN, PROVIDE A UL OR GA LISTED RATED ASSEMBLY TO MEET THE FIRE RATING REQUIREMENTS TO THE ARCHITECT FOR
- B. PROVIDE A UL OR GA LISTED PERIMETER JOINT ASSEMBLY AND THROUGH PENETRATION FIRE STOP ASSMEMBLY MEETING THE FIRE RATED REQUIREMENT OF THE WALL, FLOOR/CEILING OR ROOF ASSMBLY SHOWN ON THE FLS PLANS.
- C. PROVIDE A SUBMITTAL CUTSHEET TO THE ARCHITECT OF EACH SELECTED FIRE RESISTANT ASSEMBLY PRIOR TO INSTALLATION.

EMERGENCY LIGHTING REQUIREMENTS

- A. MEANS OF EGRESS, INCLUDING EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE IS SERVED BY THE MEANS OF EGRESS.
- B. PROVIDE MINIMUM 1 FOOT-CANDLE OF ILLUMINATION AT ALL MEANS OF EGRESS. THE POWER SUPPLY FOR THE MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE BUILDINGS ELECTRICAL SUPPLY. IN THE EVENT OF A POWER FAILURE, THE EMERGENCY POWER SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT, OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN

FIRE LIFE SAFETY (BY GENERAL CONTRACTOR)

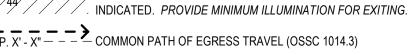
THE FOLLOWING ITEMS ARE FIRE LIFE SAFETY REQUIREMENTS TO BE COMPLETED BY THE GENERAL CONTRACTOR. PROVIDE THE APPROPRIATE SUBMITTAL TO THE ARCHITECT FOR REVIEW AND COORDINATION PRIOR TO SUBMITTING TO THE AUTHOROITY HAVING

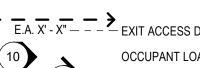
- A. ITEMS LISTED AS A DEFERRED SUBMITTAL OR DESIGN BUILD ITEMS ON SHEET G001
- B. PROVIDE A COMPLETE AND ENGINEERED SYSTEM TO MEET THE DESIGN INTENT CONTAINED WITHIN THESE CONTRACT DOCUMENTS. PROVIDE A SUBMITTAL TO THE
- WHERE A LICENSED DESIGN PROFESSIONAL IS REQUIRED BY THE AUTHORITY HAVING JURISDICTION, THE GENERAL CONTRACTOR IS TO SECURE THESE SERVICES AND PROVIDE STAMPED DOCUMENTS TO MEET THE LOCAL REQUIREMENTS FOR A DEFERRED
- ADDITIONAL DEFERRED SUBMITTAL OR PERMIT FEES TO BE PAID BY THE GENERAL

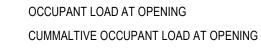
DELEGATED DESIGN SUBMITTALS/PERMITS

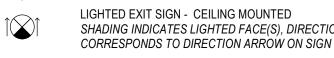
- REQUIRE ENGINEERING TO BE PROVIDED BY THE GENERAL CONTRACTOR.
- ARCHITECT FOR REVIEW OF DESIGN INTENT CONFORMANCE ONLY; THIS REVIEW DOES NOT CONSTITUTE A PROFESSIONAL PEER REVIEW OF THE SYSTEMS SUBMITTED.
- SUBMITTAL OR SEPARATE PERMIT.

D. OREGON FIRE CODE - BASED ON THE INTERNATIONAL FIRE CODE (IFC) NOTE THAT THE EXISTING STAFF RESTROOMS ON THE GROUND FLOOR ARE CONSIDERED COMPLIANT WITH THE AMERICAN WITH DISABILITIES ACT TITLE III -SAFE HARBOR - NO SMOKING (IFC 310.3) ACCORDANCE WITH 2015 IBC SECTION 2702 AND 2015 IBC SECTION 1006. EXCEPTION FOR MEETING THE REQUIREMENTS OF ANSI A117.1-1991 AS MODIFIED AND - PREMISES IDENTIFICATION (IFC 505.1) CODIFIED BY CHAPTER 11 OF THE 1990 OSSC. THESE RESTROOMS ARE CONNECTED BY A C. PRIOR TO FINAL INSPECTION, SUBMIT DOCUMENTATION SUBSTANTIATING THE - FIRE PROTECTION EQUIPMENT SIGNS (IFC 509.1) COMPLIANT ACCESSIBLE ROUTE FROM ALL ALTERED AREAS WITHIN THIS PROJECT. COMPLETION OF TEST FOR THE MEANS OF EGRESS ILLUMINATION LEVEL PER 2015 IBC - ELECTRICAL CONTROL ROOMS (IFC 605.3.1) 1008.2.1, 1008.3 AND EMERGENCY POWER PER 1008.3.5. - FIRE DOORS (IFC 703.2.1) - FIRE DEPARTMENT CONNECTIONS (IFC 912.4)





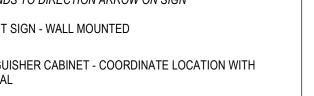








FIRE MARSHAL



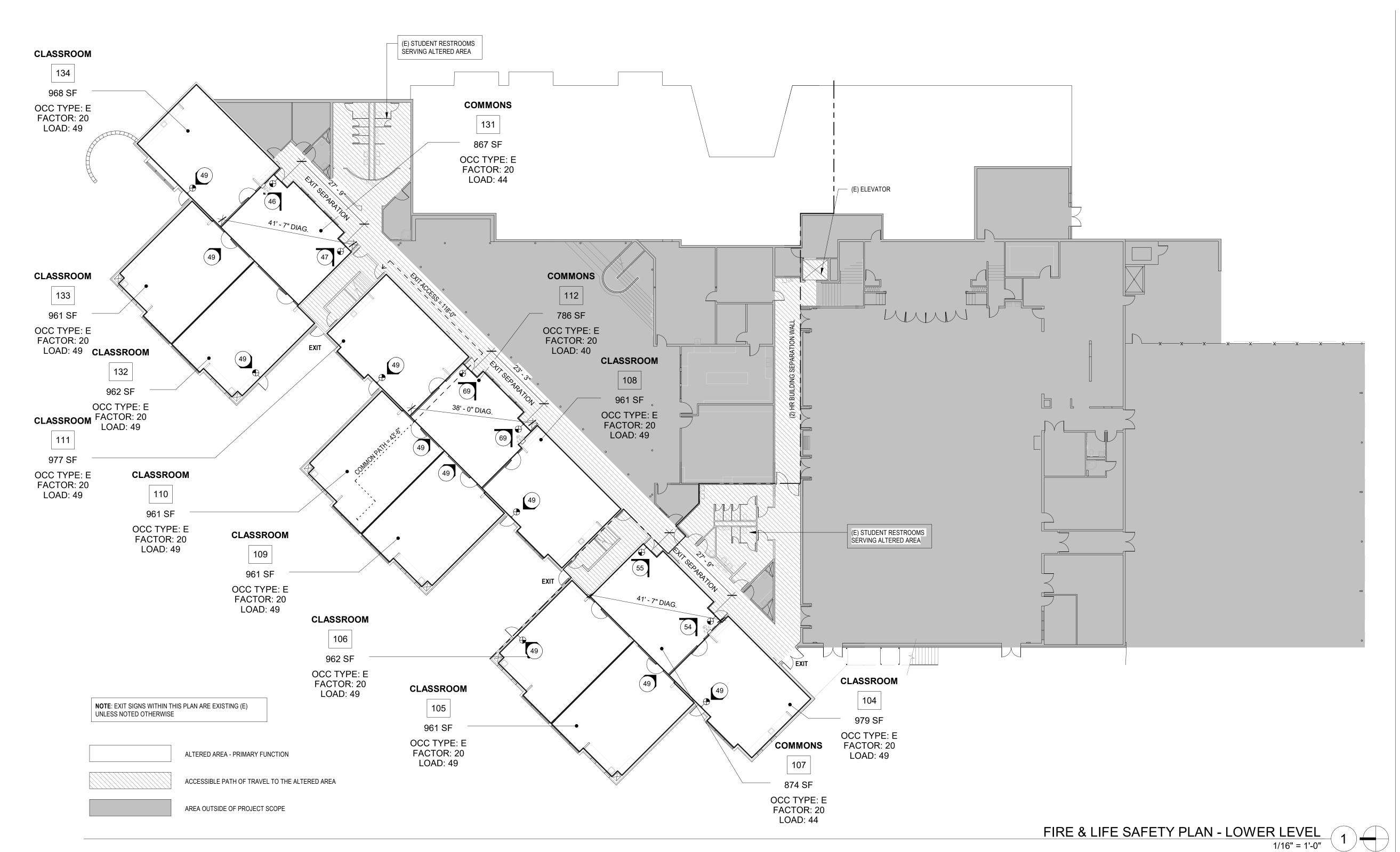
PROJECT:

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DATE: 11/10/2022

21005.04

LOWER LEVEL



ORS 447.241 (25% ADA RULE) COMPLIANCE

EVERY PROJECT FOR RENOVATION, ALTERATION OR MODIFICATION TO AFFECTED BUILDINGS AND RELATED FACILITIES THAT AFFECTS OR COULD AFFECT THE USABILITY OF OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION SHALL BE MADE TO INSURE THAT, TO THE MAXIMUM EXTENT FEASIBLE, THE PATHS OF TRAVEL TO THE ALTERED AREA AND THE RESTROOMS, TELEPHONES AND DRINKING FOUNTAINS SERVING THE ALTERED AREA ARE READILY ACCESSIBLE TO AND USEABLE BY INDIVIDUALS WITH DISABILITIES, UNLESS SUCH ALTERATIONS ARE DISPROPORTIONATE TO THE OVERALL ALTERATIONS IN TERMS OF COST AND SCOPE.

EXISTING NON-COMPLIANT ITEMS WITHIN THE PATH OF TRAVEL TO THE AFFECTED AREA(S) OR ELEMENTS SERVING THE ALTERED AREA PROPOSED TO BE REMEDIATED WITHIN THIS PROJECT SCOPE INCLUDE:

- NEW ACCESSIBLE PARKING SIGNAGE & PAVING MARKINGS TO MEET CURRENT REQUIREMENTS AT EXISTING ADA PARKING ACCESS AISLE (ODOT - STANDARDS FOR ACCESSIBLE PARKING - 2018)
- MANUAL DOORS) INSTALLATION OF STAIR LEVEL IDENTIFICATION SIGNAGE AT EXISTING STAIRWAYS WITHIN THE ALTERED AREA

REMOVAL OF DOOR LEAVES AT EXISTING STUDENT RESTROOMS (404.2 -

FOLLOWING COMPLETION OF THIS PROJECT, NO ADDITIONAL BARRIERS ARE KNOWN WITHIN THE PROJECT AREA SUBJECT TO ORS 447.241.

NOTE THAT THE EXISTING STAFF RESTROOMS ON THE GROUND FLOOR ARE CONSIDERED COMPLIANT WITH THE AMERICAN WITH DISABILITIES ACT TITLE III -SAFE HARBOR EXCEPTION FOR MEETING THE REQUIREMENTS OF ANSI A117.1-1991 AS MODIFIED AND CODIFIED BY CHAPTER 11 OF THE 1990 OSSC. THESE RESTROOMS ARE CONNECTED BY A COMPLIANT ACCESSIBLE ROUTE FROM ALL ALTERED AREAS WITHIN THIS PROJECT.

CODE REQUIRED SIGANGE

- A. PROVIDE REQUIRED CODE REQUIRED SIGNAGE AS PRESCRIBED BY THE OREGON STRUCTURAL SPECIALTY CODE AND THE INTERNATIONAL FIRE CODE. COORDINATE LOCATION WITH ARCHITECT AND AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION.
- B. THE FOLLOWING ITEMS ARE TYPICALLY PROVIDED BY THE GENERAL CONTRACTOR, BUT MAY NOT EXHAUSTIVE OF ALL UNIQUE PROJECT REQUIREMENTS. COORDINATE EXTENT OF CODE REQUIRED SIGNAGE WITHIN THIS PROJECT WITH ARCHITECT OF RECORD PRIOR TO SUBSTANTIAL COMPLETION.
- C. OREGON SPECIALTY STRUCTURAL CODE BASED ON THE INTERNATIONAL BUILDING CODE (IBC)

- OCCUPANT LOAD (1004.3) - TWO-WAY COMMUNICATION DEVICES (IBC 1007.8.2) - AREAS OF REFUGE (IBC 1007.9) - DELAYED EMERGENCY EXIT DOORS (IBC 1008.1.9) - KEY LOCKS ON EGRESS SIDE OF DOORS (IBC 1008.1.9) - EXIT SIGNAGE (IBC 1011.1) - FLOOR IDENTIFICATION (IBC 1022.8) - ACCESSIBILITY ELEMENTS AND DIRECTIONAL SIGNAGE (IBC 1110) - ELEVATOR EMERGENCY SIGNS (IBC 3002.3)

D. OREGON FIRE CODE - BASED ON THE INTERNATIONAL FIRE CODE (IFC)

- NO SMOKING (IFC 310.3) - PREMISES IDENTIFICATION (IFC 505.1) - FIRE PROTECTION EQUIPMENT SIGNS (IFC 509.1) - ELECTRICAL CONTROL ROOMS (IFC 605.3.1) - FIRE DOORS (IFC 703.2.1) - FIRE DEPARTMENT CONNECTIONS (IFC 912.4)

RATED ASSEMBLIES

- A. WHERE RATED ASSEMBLIES ARE SHOWN ON THE FLS PLAN, PROVIDE A UL OR GA LISTED RATED ASSEMBLY TO MEET THE FIRE RATING REQUIREMENTS TO THE ARCHITECT FOR
- B. PROVIDE A UL OR GA LISTED PERIMETER JOINT ASSEMBLY AND THROUGH PENETRATION FIRE STOP ASSMEMBLY MEETING THE FIRE RATED REQUIREMENT OF THE WALL, FLOOR/CEILING OR ROOF ASSMBLY SHOWN ON THE FLS PLANS.
- C. PROVIDE A SUBMITTAL CUTSHEET TO THE ARCHITECT OF EACH SELECTED FIRE RESISTANT ASSEMBLY PRIOR TO INSTALLATION.

EMERGENCY LIGHTING REQUIREMENTS

- A. MEANS OF EGRESS, INCLUDING EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE IS SERVED BY THE MEANS OF EGRESS.
- B. PROVIDE MINIMUM 1 FOOT-CANDLE OF ILLUMINATION AT ALL MEANS OF EGRESS. THE POWER SUPPLY FOR THE MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE BUILDINGS ELECTRICAL SUPPLY. IN THE EVENT OF A POWER FAILURE, THE EMERGENCY POWER SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES. UNIT EQUIPMENT, OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH 2015 IBC SECTION 2702 AND 2015 IBC SECTION 1006.
- C. PRIOR TO FINAL INSPECTION, SUBMIT DOCUMENTATION SUBSTANTIATING THE COMPLETION OF TEST FOR THE MEANS OF EGRESS ILLUMINATION LEVEL PER 2015 IBC 1008.2.1, 1008.3 AND EMERGENCY POWER PER 1008.3.5.

FIRE LIFE SAFETY (BY GENERAL CONTRACTOR)

THE FOLLOWING ITEMS ARE FIRE LIFE SAFETY REQUIREMENTS TO BE COMPLETED BY THE GENERAL CONTRACTOR. PROVIDE THE APPROPRIATE SUBMITTAL TO THE ARCHITECT FOR REVIEW AND COORDINATION PRIOR TO SUBMITTING TO THE AUTHOROITY HAVING

DELEGATED DESIGN SUBMITTALS/PERMITS

- A. ITEMS LISTED AS A DEFERRED SUBMITTAL OR DESIGN BUILD ITEMS ON SHEET G001 REQUIRE ENGINEERING TO BE PROVIDED BY THE GENERAL CONTRACTOR.
- B. PROVIDE A COMPLETE AND ENGINEERED SYSTEM TO MEET THE DESIGN INTENT CONTAINED WITHIN THESE CONTRACT DOCUMENTS. PROVIDE A SUBMITTAL TO THE ARCHITECT FOR REVIEW OF DESIGN INTENT CONFORMANCE ONLY; THIS REVIEW DOES NOT CONSTITUTE A PROFESSIONAL PEER REVIEW OF THE SYSTEMS SUBMITTED.
- WHERE A LICENSED DESIGN PROFESSIONAL IS REQUIRED BY THE AUTHORITY HAVING JURISDICTION, THE GENERAL CONTRACTOR IS TO SECURE THESE SERVICES AND PROVIDE STAMPED DOCUMENTS TO MEET THE LOCAL REQUIREMENTS FOR A DEFERRED SUBMITTAL OR SEPARATE PERMIT.
- ADDITIONAL DEFERRED SUBMITTAL OR PERMIT FEES TO BE PAID BY THE GENERAL

CODE SUMMARY

APPLICABLE CODES

SEPARATION:

2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC) 2019 OREGON ZERO ENERGY READY COMMERCIAL CODE (OSSC CHAPTER 13) 2019 OREGON MECHANICAL SPECIALTYCODE (OMSC) 2017 OREGON PLUMBING SPECIALTY CODE (OPSC) 2017 OREGON ELECTRICAL SPECIALTY CODE (OESC) 2019 OREGON FIRE CODE (TUALATIN VALLEY FIRE AND RESCUE FIRE CODE APPLICATION GUIDE 3.4R)

ICC/ANSI A117.1 - 2017 CITY OF BEAVERTON MUNICIPAL CODE

CONSTRUCTION TYPE & USE (CHAPTERS 3,4 & 5)

BUILDING OCCUPANCY: E (EDUCATION) CONSTUCTION TYPE: V-B (SPRINKLERED) 2 ABOVE GRADE STORIES:

FIRE-RESISTANT RATING REQUIREMENTS (CHAPTER 6)

NON-SEPARATED

PRIMARY STRUCTURAL FRAME: 0 HOURS BEARING WALLS: 0 HOURS EXTERIOR: 0 HOURS INTERIOR NON BEARING WALLS AND PARTITIONS SEE SHELL FLS PLANS EXTERIOR: INTERIOR: 0 HOUR FLOOR CONSTRUTION 0 HOURS 0 HOURS ROOF CONSTRUCTION:

INTERIOR FINISHES (CHAPTER 8)

ALL INTERIOR AND CEILING FINISH MATERIALS TO BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL 723 AND MEET THE FOLLOWING SMOKE-DEVELOPED INDEXES AS REQUIRED BY TABLE 803.9 BELOW:

INTERIOR EXIT STAIRWAYS, EXIT RAMPS AND EXIT PASSAGEWAYS: CORRIDORS AND ENCLOSUES FOR EXIT STAIRWAYS AND RAMPS: CLASS B ROOMS AND ENCLOSED SPACES: CLASS C

MEANS OF EGRESS (CHAPTER 10)

1006.2.1 NUMBER OF EXITS: MORE THAN ONE EXIT IS REQUIRED FROM EACH TENANT SUITE IF THE OVERALL OCCUPANT LOAD IS GREATER THAN 49

1006.2.1 COMMON PATH OF EGRESS TRAVEL: THE MAXIMUM COMMON PATH OF EGRESS TRAVEL FOR OCCUPANCY GROUPS E SHALL NOT BE MORE THAN **75 FEET** WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 903.3.1.1

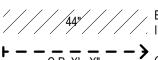
1007.1.1 EXIT DISTANCE: WHERE TWO EXITS ARE REQUIRED, THE SEPARATION DISNACE SHALL NOT BE LESS THAN 1/3RD THE DIAGONAL WITH AN AUTOMATIC SPRINKLER

1016.2 EXIT TRAVEL DISTANCE: MAXIMUM TRAVEL DISTANCE FOR OCCUPANCY E, SPRINKLERED: 250'

LEGEND - FLS PLANS

NOTE: PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS

1 HOUR FIRE PARTITION - 45 MINUTE DOOR 1 HOUR FIRE BARRIER - 60 MINUTE DOOR — — — — 2 HOUR FIRE BARRIER - 90 MINUTE DOOR 3 HOUR FIRE BARRIER - 20 MINUTE DOOR



F - - C.P. X' - X" - - COMMON PATH OF EGRESS TRAVEL (OSSC 1014.3)

 \vdash - $\xrightarrow{\text{E.A.}} \overrightarrow{\text{X'}} - \overrightarrow{\text{X''}} - - - \xrightarrow{\text{EXIT ACCESS DISTANCE (OSSC 1016)}}$

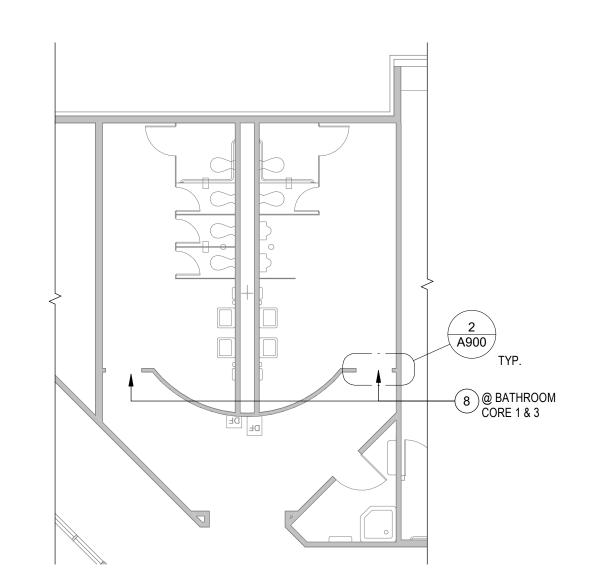
SHADING INDICATES LIGHTED FACE(S), DIRECTION ARROW CORRESPONDS TO DIRECTION ARROW ON SIGN



LIGHTED EXIT SIGN - WALL MOUNTED FIRE EXTINGUISHER CABINET - COORDINATE LOCATION WITH

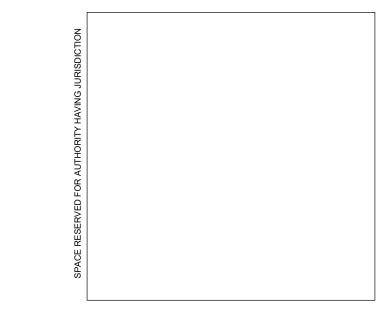
> FIRE & LIFE SAFETY PLAN -

G143



TYPICAL RESTROOM PLAN
1/8" = 1'-0"
3





GENERAL NOTES - FLOOR PLAN

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER JOINT ASSEMBLIES.
- C. REFER TO SHEET A800 FOR TYPICAL PARTITION DETAILS AND TYPES INCLUDING STUD FRAMING AND HEADER REQUIREMENTS.
- D. REFER TO SHEET A800 FOR REQUIRED USE OF MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD LOCATIONS.
- E. DIMENSIONS ARE TO FACE OF WALL/FINISH UNLESS OTHERWISE NOTED. ADVISE ARCHITECT IN WRITING OF ANY DISCREPANCIES PARTICUALY OF STATED INTEIROR
- F. WHERE DIMENSIONS ARE LISTED AS 'CRITICAL CLEAR' THESE DIMENSIONS MUST ABSULUTELY BE HELD FOR ADA OR EGRESS COMPLIANCE. DIMENSIONS LISTED WITH '+/-' TYPICALLY HAVE SOME CONSTRUCTION TOLERANCE.
- G. PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION.
- H. ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWCI STANDARDS.
- I. PROVIDE SOLID WOOD BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.

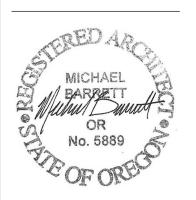
KEYED NOTES - PROJECT SCOPE

- 1 ALIGN FACE OF ADJACENT FINISHES, TYPICAL.
- 2 SEE TYPICAL ENLARGED PLANS AND KEYNOTES FOR SCOPE WTIHIN THIS AREA. 3 PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL. 4 DEMOLISH EXISTING OPERABLE PARTITION. GC TO RECYCLE IF POSSIBLE. EXISTING
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- ENTIRE LENGTH OF THIS WALL. SEE TYPICAL ELEVATION AND BLOCKING DETAIL. 8 REMOVE (E) DOOR AND HARDWARE. SEE TYPICAL FOR PATCH AND PAINT

HEADTRACK TO REMAIN. FIELD VERIFY HEADTRACKS PRIOR TO INSTALLATION OF NEW

- 11 PROVIDE STAIR LEVEL IDENTIFICATION SIGN IN RAISED CHARACTERS AND BRAILLE TO MEET THE REQUIREMENTS OF 2009 ICC A117.1 504.9 AT EACH FLOOR LEVEL LANDING ADJACENT OT THE DOOR LEADING FROM THE STAIRWELL INTO THE CORRIDOR TO IDENTIFY THE FLOOR LEVEL. PROVIDE ADDITIONAL SIGN AT STAIRWELL EXIT DOOR STATING 'EXIT.' SIGNS TO MATCH EXISTING CODE REQUIRED SIGNAGE FOR COLOR, SIZE
- AND FONT WITHIN THE BUILDING. 13 PROVIDE TRAFFIC COATING "NO PARKING" MARKING AT EXISTING ADA ACCESS AISLE. 14 PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL, SEE SITE PLAN FOR TYPICAL
- 17 INSTALL OWNER PROVIDED ROOM SIGANGE, TYP. ALL SIGNAGE TO MATCH DISTRICT
- STANDARD AND SHALL BE CFCI 18 INSTALL NEW 3"x3"x48" STAINLESS STEEL CORNER GUARD, MECHANICALLY FASTENED.





REVISIONS:

CLASSROOM WALL
16400 SW LOON DR
BEAVERTON OR 97007

PROJECT: 21005.04 DATE: 11/10/2022

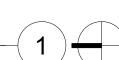
FLOOR PLAN -MAIN LEVEL

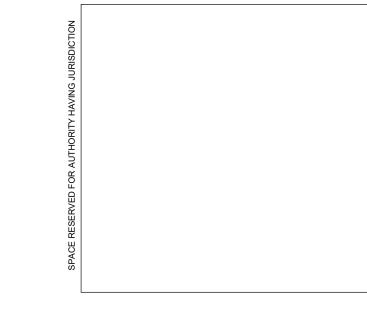
A141

FLOOR PLAN - LOWER LEVEL

1/16" = 1'-0"

1





GENERAL NOTES - FLOOR PLAN

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER JOINT ASSEMBLIES.
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REVISIONS:

CLASSROOM WA
16400 SW LOON DR
BEAVERTON OR 97007

PROJECT: 21005.04 DATE: 11/10/2022

FLOOR PLAN -LOWER LEVEL

KEYED NOTES - PROJECT SCOPE

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FINISH SCHEDULE

NOTE - INSTALL ALL FINISHES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

09 91 00 - PAINTS AND COATINGS

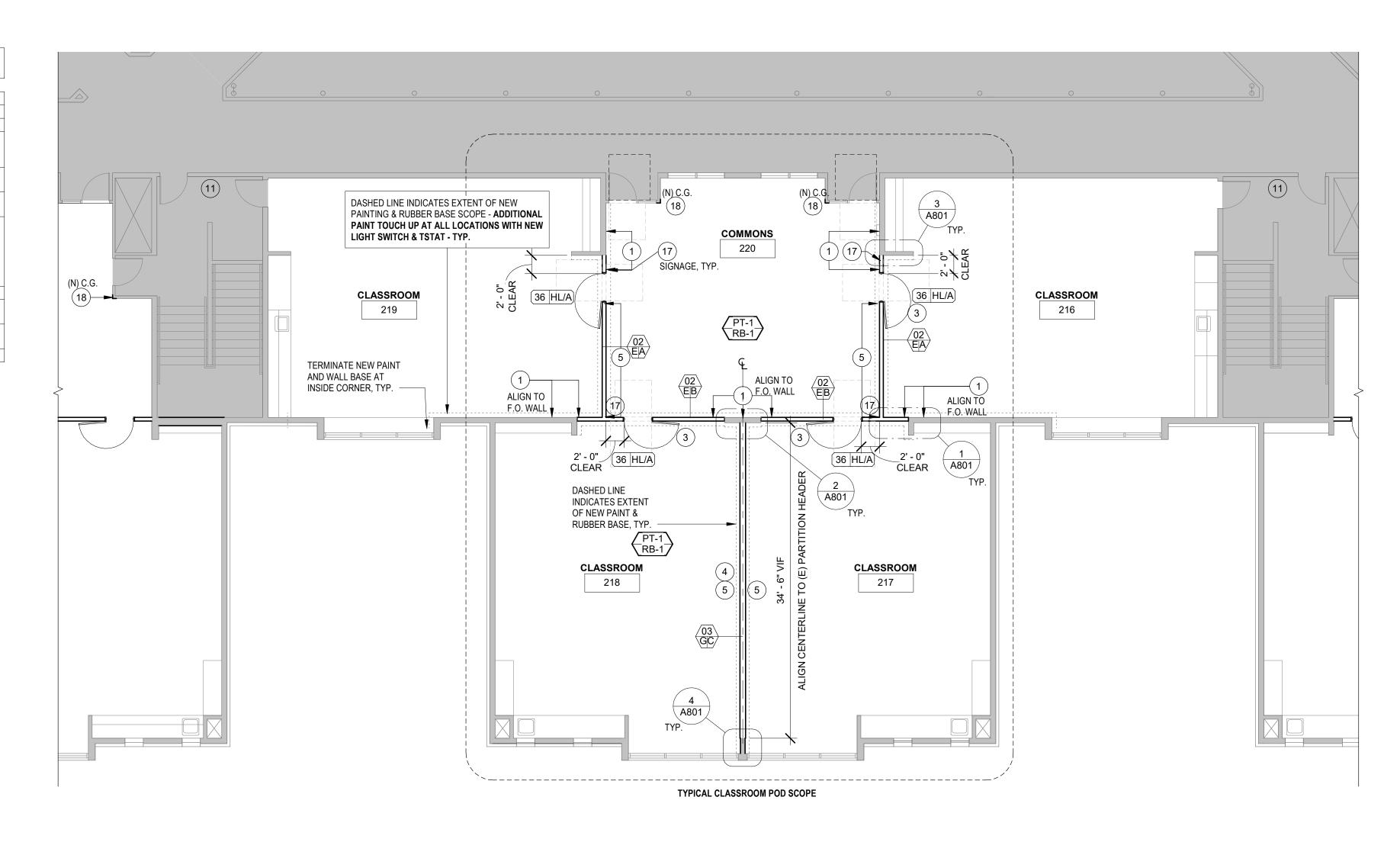
PT-1: MANUFACTURER: RODDA PAINT COLOR: MATCH BUILDING STANDARD FINISH: LOW GLOSS EGGSHELL LOCATIONS: WALL FINISH

MANUFACTURER: RODDA PAINT PRODUCT: MULTI MASTER DTM OR EQUAL LOCATIONS: DOOR FRAME

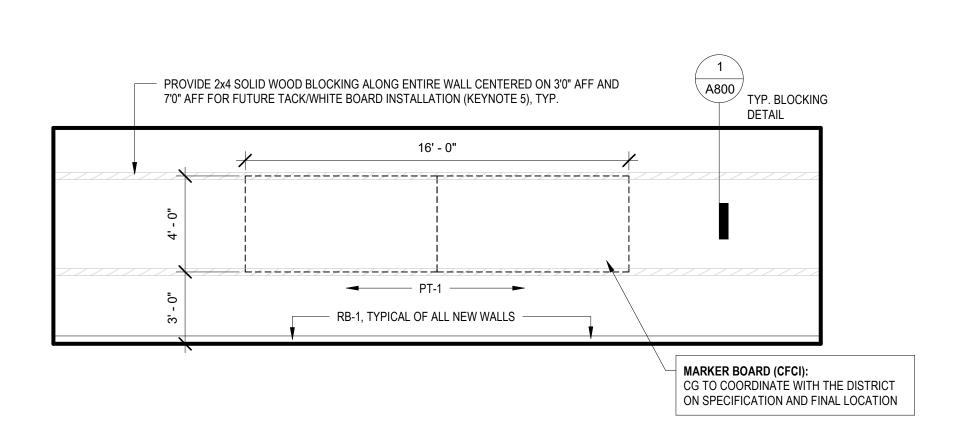
09 65 00 - RESILIENT FLOORING & BASE

APPLIED, TYPICAL

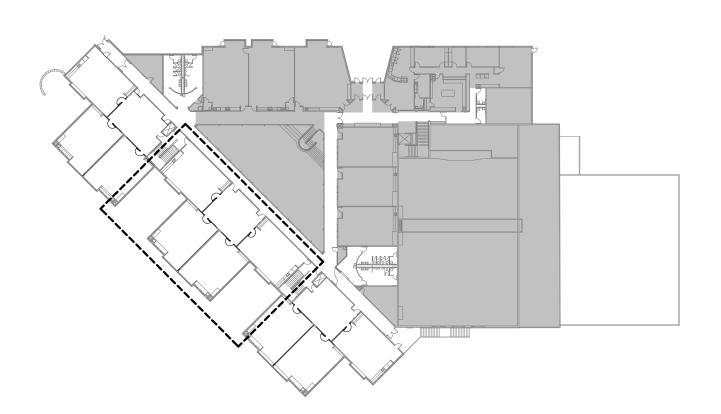
MANUFACTURER: FLEXCO PRODUCT: UNIQUE II LOW-GLOSS (532001) PRODUCT: WALLFLOWERS RUBBER COVE BASE SIZE: 4" COLOR: BROWN LOCATIONS: AT WALLS WHERE NEW PAINT IS



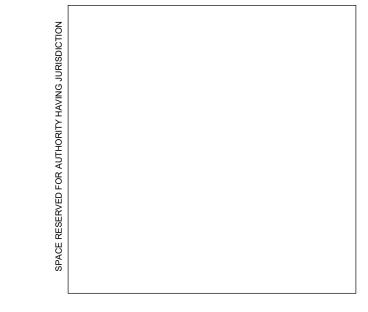
ENLARGED PLAN - TYPICAL CLASSROOM











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BARRETT OR No. 5889

REVISIONS:

GENERAL NOTES - FLOOR PLAN

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
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LEGEND - FLOOR PLANS

	WALL TYPE PER ASSEMBLY	STU	D SIZE LEGEND		
WALL TAG	(DI) :BRACING CONDTION	Α	7/8" FURRING CHANNEL		
	STUD TYPE PER LEGEND	В	1 1/2" FURRING CHANNEL		
DOOR TAG -		С	1 5/8" METAL STUD		
UNIQUE	102 DOOR TAG - REFER	D	2 1/2" METAL STUD		
	TO DOOR SCHEDULE	Е	3 5/8" METAL STUD		
DOOR TAG -	34 A : DOOR & FRAME TYPE	F	4" METAL STUD		
REPEATABLE	34 A.J. DOOR & FRAME TYPE SEE SCHEDULE	G	6" METAL STUD		
	DOOR WIDTH	Н	8" METAL STUD		
WINDOW TAG	A ST-WINDOW TYPE - SEE	I	2 1/2" C-H SHAFT WALL STU		
	SCHEDULE	J	4" C-H SHAFT WALL STUD		
KEY NOTE		K	6" C-H SHAFT WALL STUD		
KLINOIL	1 KEY NOTE - SEE SCHEDULE		BRACING CONDITION		





(24 x 48)



A HEAD @ (E) ACT

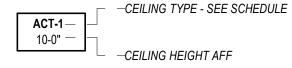
B HEAD @ (E) SOFFIT/HEADER C HEAD @ PARTITION TRACK

WALL BRACING KEY - REFER TO PARTITION DETAILS

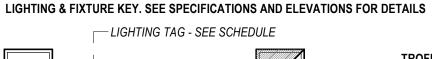
COMPOSITE WALL TO PARTITION TRACK - SEE WALL DETAIL C/A800.

BRACED WALL, BELOW GWB HEADER - SEE WALL DETAIL B/A800. ENDINE SEE WALL DETAIL A/A800.

CEILING TAG



-CEILING HEIGHT AFF



OS = OCCUPANCY SENSOR

3 = 3-WAY SWITCH



TROFFER FIXTURE -**EMERGENCY** POWER

SWITCH LOCATION **D** = DIMABLE



OUTLET LOCATION - ABOVE
96" CEILING

PROJECT:

 \mathcal{C}

21005.04 DATE: 11/10/2022

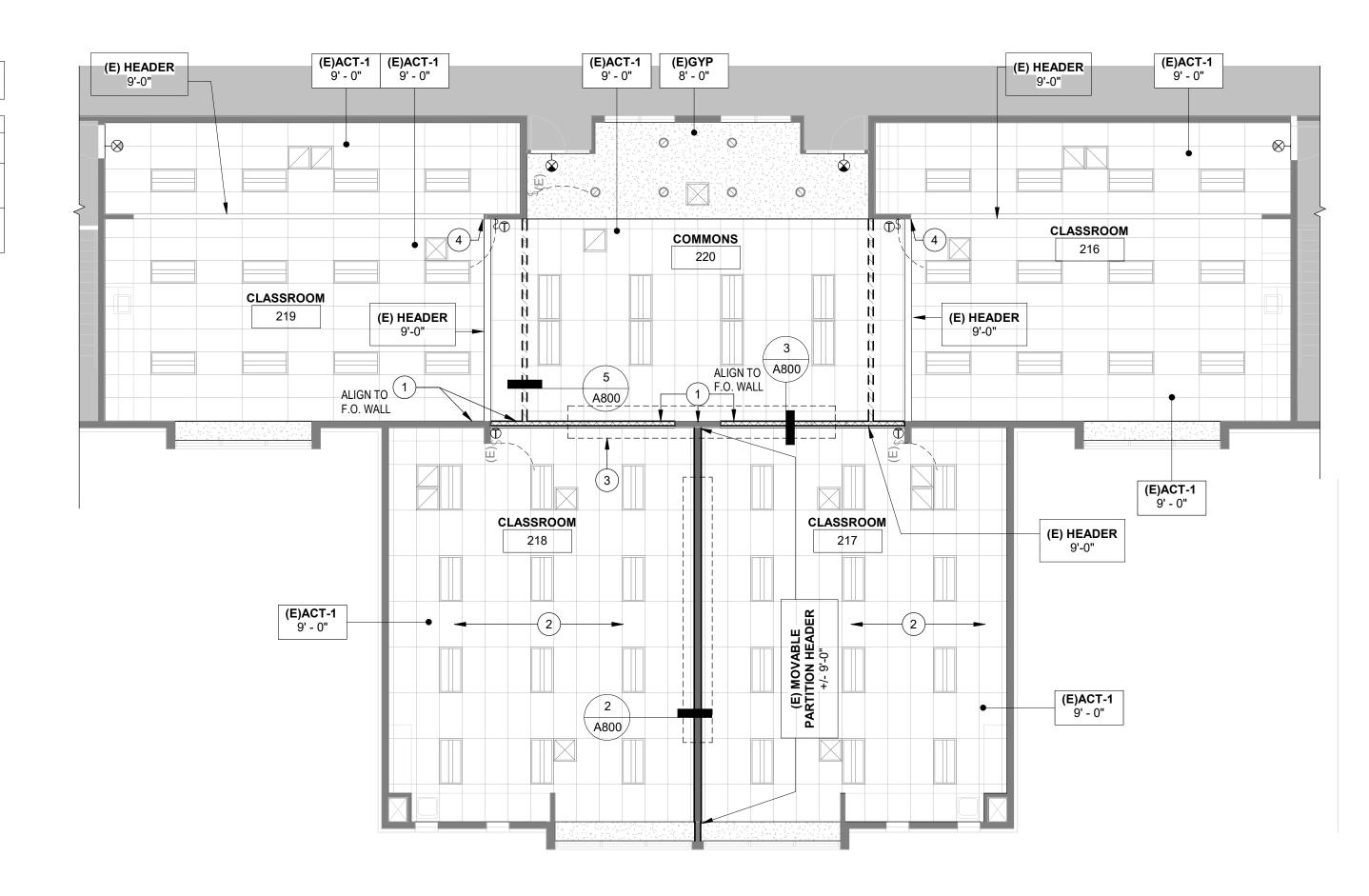
ENLARGED PLAN -TYPICAL CLASSROOM

A143

- 1 ALIGN FACE OF FINISH.
- AREA OF HVAC WORKSCOPE: NEW TERMINAL UNIT IN THIS AREA. SEE MECHANICAL FOR TYPICAL LOCATION.
- GC TO PATCH BACK ALL PENETRATION AROUND NEW DUCTING AND/OR EXISTING 3 PENETRATION FOLLOWING HVAC DEMOLITION. SEE MECHANICAL FOR TYPICAL LOCATION AND SCOPE.
- RELOCATE LIGHT SWITCH WHERE CONFLICT OCCURS WITH EXISTING SWITCH LOCATION AND NEW PARTITION. PARTCH, REPAIR AND PAINT GWB AROUND THE AREA SEAMLESS TO ADJACENT CONDITION.

ELECTRICAL SCOPE: SEE ELECTRICAL FOR ALL EXISTING TO REMAIN AND EXISTING TO RELOCATE EXIT SIGNS AND LIGHT SWITCHES.

AREA OF HVAC WORKSCOPE: GC TO REPLACE ALL CEILING TILE AND GRID AND REPAIR AS NECESSARY TO THE EXTENT REQUIRED TO ACCOMODATE NEW MECHANICAL WORK SCOPE. SEE MECHANICAL.





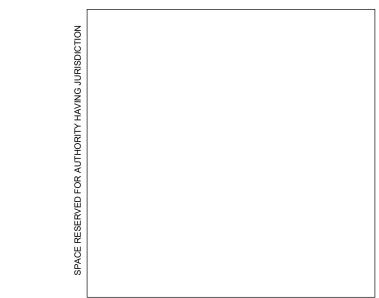


TYPICAL ENLARGED CEILING PLAN #2

1/8" = 1'-0"

2





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PARRETT ON OR NO. 5889

OF ORGAN

REVISIONS:

GENERAL NOTES - REFLECTED CEILING PLANS

- A. LIGHTING SHOWN IS FOR DESIGN INTENT ONLY. THE GENERAL CONTRACTOR IS REQUIRED TO PROVIDE A COMPLETE LIGHTING SYSTEM THAT MEETS ALL LOCAL REGULATORY CODES. REFER TO G001 FOR DESIGN BUILD REQUIREMENTS, G101 FOR EMERGENCY LIGHTING REQUIREMENTS AND THE LOCAL ENERGY CODE FOR DAYLIGHT ZONE REQUIREMENTS.
- SPECIFICATION OF LUMENS AND/OR LIGHT LEVELS IS DESIGN/BUILD. IN GENERAL, PROVIDE LIGHT LEVELS TO MATCH THE ILLUMINATED ENGINEERING SOCIETY (IES) LIGHTING HANDBOOK RECOMMENDATIONS.
- CONFIRM AND PROVIDE EMERGENCY EGRESS LIGHTING OF A MINIMUM 1 FC AT ALL TIMES ALONG EGRESS PATHS. COORDINATE SWITCHING, GENERATOR POWER OR BATTERY BACKUP OF ALL LIGHT FIXTURES.
- B. DESIGN REQUIREMENT FOR ALL CEILINGS MUST MEET THE REQUIREMENTS OF THE 2015 INTERNATIONAL BUILDING CODE FOR SEISMIC CATEGORIES D, E & F, ASCE 7-02, OR-05, OR CISCA RECORDATION FOR SEISMIC ZONES 3 & 4 OR TO THE LOCAL REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. SEE GENERAL NOTES ON A810 FOR DESIGN REQUIREMENTS.
- C. COORDINATE ALL SWITCHING WITH OWNER FOR PREFERRED LOCATIONS.
- ALL OFFICES AND INDIVIDUAL ROOMS TO BE SWITCHED INDEPENDENTLY. PROVIDE AN OCCUPANCY SENSOR TO ALL ENCLOSED ROOMS.
- COORDINATE OPEN AREA SWITCHING WITH THE TENANT FOR PREFERRED LOCATIONS.
- COORDINATE FINAL LOCATION OF PENDANTS WITH FURNITURE. VERIFY LOCATION WITH OWNER OR DESIGNER PRIOR TO FINAL PLACEMENT.
- WHERE ACCENT LIGHTING IS DESIGNATED, SEPARATE SWITCHING IS PROPOSED AND DESIGNATED BY DASHED LINES WITHIN THIS DRAWING.
- D. CENTER ALL FIXTURES AND SPRINKLER HEADS WITHIN CEILING TILES, ALIGN RECESSED
- FIXTURES AND SPRINKLER SYSTEMS. E. CENTER ALL LIGHTING FIXTURES BETWEEN CEILING GRID OR ADJACENT WALLS, UNLESS
- F. WHERE LIGHTING FIXTURES ARE PROPOSED WITHIN ROOMS WITH AN OPEN CEILING, PROVIDE SUFFICIENT SUPPORT SUCH AS UNISTRUT OR TIE WIRES TO SUSPEND FIXTURES AT 9'-6" AFF UNLESS NOTED OTHERWISE.
- G. WITHIN NON-ACT CEILINGS (I.E. HARDLID), PROVIDE THE FOLLOWING:

SPRINKLER HEADS: **HVAC GRILLS**: ACCESS PANELS:

INDICATED OTHERWISE.

FULLY CONCEALED, COLOR TO MATCH CEILING LINEAR DIFFUSERS AND RETURNS FULLY FLUSH RECESSED

- H. WHERE CEILINGS RECEIVE A FINISH OTHER THAN WHITE PAINT OR MANUFACTURER'S ACT, PROVIDE WALL MOUNTED STROBES, HORNS, EGRESS SIGNS OR OTHER CODE REQUIRED
- I. SEE SECTION 01 91 13 GENERAL COMMISSIONING REQUIREMENTS FOR MECHANICAL AND CONTROL SCOPE TO BE COMMISSIONED.

LIGHTING AND CEILING MATERIALS - LEGEND

FINISHES KEY. SEE FINISH SCHEDULE FOR TYPES

		ACT-1:	
		(24 x 48)	

GWB: (SEE TYPE)

S

S

CLASSROOM V
16400 SW LOON DR
BEAVERTON OR 97007

PROJECT:

WALL BRACING KEY - REFER TO PARTITION DETAILS

EXISTING WALLS

COMPOSITE WALL TO PARTITION TRACK - SEE WALL DETAIL C/A800.

BRACED WALL, BELOW GWB HEADER - SEE WALL DETAIL B/A800.

CEILING TAG

-CEILING TYPE - SEE SCHEDULE ACT-1 10-0" -

-CEILING HEIGHT AFF LIGHTING & FIXTURE KEY. SEE SPECIFICATIONS AND ELEVATIONS FOR DETAILS

LIGHTING TAG - SEE SCHEDULE

EXISTING TROFFER

EXISTING RECESSED

FIXTURE - 2 x 4 PENDANT - 96" THERMOSTAT

SWITCH

LOCATION

© SEE MECHANICAL EXIT LIGHT (BATTERY BACKUP)

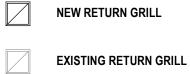
⊗ EXISTING

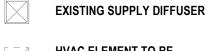
EXISTING LINEAR

NEW/RELOCATED **D** = DIMABLE **OS** = OCCUPANCY SENSOR

OUTLET LOCATION - ABOVE
96" CEILING 3 = 3-WAY SWITCH HVAC SYMBOLS. SEE MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILS

CONCTRACTOR TO REPLACE CEILING TILE AND GRID TO THE EXTENT REQUIRED TO ACCOMMODATE NEW DUCT WORK.





HVAC ELEMENT TO BE DEMOLISHED

11/10/2022 DATE: **ENLARGED** TYPICAL CEILING PLAN A241

21005.04

FINISHED CEILING 🛧

SOFFIT RETURN, WHERE OCCURS.

FINISHED CEILING

PER RCP

FASTENER THROUGH ACT CEILING

PAPER-FACED REVEAL TRIM, TYP.

TOP TRACK, TYPICAL

PER WALL TYPE

WALL HEADER AT (E) ACT
3" = 1'-0"

5

BETWEEN BRACING AND TOP RUNNER.

DO NOT ADHERE WALL TO CEILING GRID

ALIGN F.O. FINISHES PER PLAN

PAINT (E) HEADER, TYP.

SEALANT JOINT, TYP.

MOLDABLE J-BEAD, TYP.

PER WALL TYPE

WALL HEADER AT (E) SOFFIT

BOND BREAKER TAPE, TYP.

PER RCP

PAPER-FACED REVEAL

DIRECTLY INTO (E) OPERABLE

22 GA (27 MIL) MIN BTM

SCORE (E) FLOOR FINISH ALONG

(2) 8D TOE-NAILS @ EA END OF

TRACK

FINISHED CEILING BOTH SIDE OF BOTTOM RUNNER

BLOCKING, TYP.

TRIM (CD-TOR)

PARTITION TRACK -

SOUND ATTENUATION INSULATION

PER WALL TYPE

PER WALL TYPE

AT MAX 12" O.C.

TYPICAL

@ WOOD FLOORS: #8 x 1.5" SCREWS

@ SLAB ON GRADE: SIMPSON PDPA

NEW RUBBER BASE PER SCHEDULE,

@ WOOD FLOORS - NEW 2X FLAT BLOCKING AT FLOOR ATTACHMENT BETWEEN (E) JOISTS, TYP.

(N) PARTITION BASE 4

FASTENER AT W/MIN 3/4" PENETRATION AT 12" MAX O.C.

(E) FLOORING TO REMAIN

0.157 SHANK DIA POWDER ACTUATED

WALL HEADER AT PARTITION TRACK

FINISHED CEILING

NON-LOADBEARING WALL FRAMING SCHEDULE³: MAXIMUM HEIGHT - L/240 @ 10 PSF STUD SPACING COMPOSITE 1 SIZE COMPOSITE 2 (O.C) 250S125-18 16" O.C. 10' - 0" N/A 250S125-18 24" O.C. N/A 8' - 2" EXISTING OPERABLE PARTITION TRACK 250S125-33 16" O.C. 13' - 3" 9' - 6" 250S125-33 24" O.C. 9' - 10" 8' - 4" 362S125-18 16" O.C. 11' - 5" 8' - 0" 362S125-18 24" O.C. 9' - 4" N/A 362S125-33 16" O.C. 13' - 10" 12' - 6" 362S125-33 24" O.C. 11' - 11" 10' - 2" 600S125-18 16" O.C. 14' - 2" 8' - 7" 600S125-18 24" O.C. N/A N/A 600S125-33 16" O.C. 22' - 3" 13' - 10" 600S125-33 24" O.C. 17' - 8" 12' - 1"

¹ COMPOSITE WALL CONSRUCTION REQUIRES A SINGLE LAYER OF 5/8" TYPE X GWB INSTALLED IN VERTICAL ORIENTATION TO BOTH SIDES OF THE WALL.

² NON-COMPOSITE WALL CONSRUCTION REQUIRES FULL BRACING EVERY 48" O.C. AT OR BELOW MAXIMUM HEIGHT.

³ PER SSMA TABLES PUBLISHED BY SCAFCO. CONSULT TABLE FOR MAXIMUM HEIGHT SPANS FOR CONDITIONS NOT LISTED IN TABLE ABOVE.

NOTE: EQ STUDS ARE NOT ACCEPTABLE PER DISTRICT STANDARD

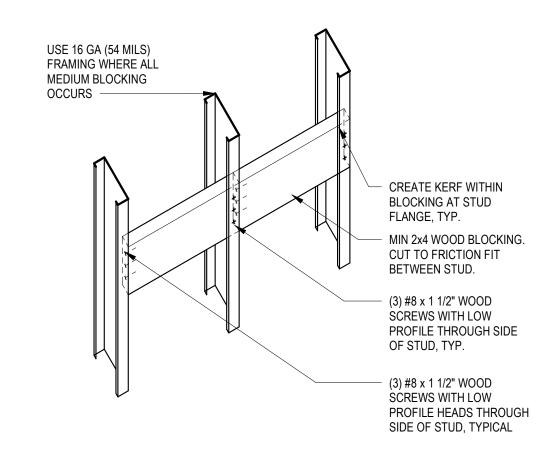
WALL	STUD		OPENING WIDTH (TOP & BOTTOM TRACKS)								
HEIGHT	WIDTH	<=6'-0"	<=8'-0"	<=10'-0"	<=12'-0"	<=14'-0"					
		2507425 22 70 D	2507425 22 70 D	2507425 22 70 D	350T125-33 TOP	350T125-33 TOP					
<=8'-0"	3 1/2" - 4"	3301123-33 1&B	350T125-33 T&B	350T125-33 T&B	350T125-43 BOT	350T125-43 BOT					
	5 1/2" - 6"	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-43 T&B					
	3 1/2" - 4"	0507405 00 70 0	T125-33 T&B 350T125-33 T&B 3	350T125-33 T&B	350T125-33 TOP	350T125-33 TOP					
<=10'-0"		3301123-33 T&B			350T125-43 BOT	350T125-54 BOT					
	5 1/2" - 6"	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-43 T&B					
	3 1/2" - 4" 350	" 350T125-33 T&B 350	2507425 22 700	350T125-33 T&B	350T125-33 TOP	350T125-33 TOP					
<=12'-0"			3301123-33 1&B	3001120-33 166	350T125-43 BOT	350T125-54 BOT**					
	5 1/2" - 6"	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-43 T&B*					
		2507425 22 70 D	0507405 00 700	0507405 00 700*	350T125-33 TOP	350T125-33 TOP					
<=14'-0"	3 1/2" - 4"	3301123-33 T&B	3301123-33 1&B	350T125-33 T&B*	350T125-43 BOT*	350T125-54 BOT**					
	5 1/2" - 6"	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B*	550T125-33 T&B*	550T125-43 T&B**					

¹ HEADER HEIGHT ASSUMED >= 6'-0" AND <= 10'-0" ² OPENINGS ASSUMED WITH 4-WAY PRESSURE DISTRIBUTION ³ PROVIDE #8 SMS AT 12" OC FROM TRACKS TO S-SECTIONS AS SHOWN ⁴ VERTICAL S-SECTIONS TO BE DBL 400S125-33 MIN EXCEPT WHERE DENOTED (*) USE DBL 400S162-43 MIN AND (**) USE DBL 400S162-54 MIN

BLOCKING NOTES:

- CONTRACTOR TO COORDINATE WOOD BLOCKING WITH LOCATIONS OF ALL EQUIPMENT OR DEVICES
- EXTEND WOOD BLOCKING ACROSS A MINIMUM OF (3) STUDS, EXTEND FOR FULL LENGTH OF INFILL WALLS U.N.O.
- EXTEND WOOD BLOCKING TO MINIMUM ONE STUD BEYOND EXTENT OF CABINETRY OR
- WALL-HUNG EQUIPMENT KERF WOOD BLOCKING AT STUD FLANGE TO ALIGN F.O. BLOCKING WITH F.O. METAL STUD

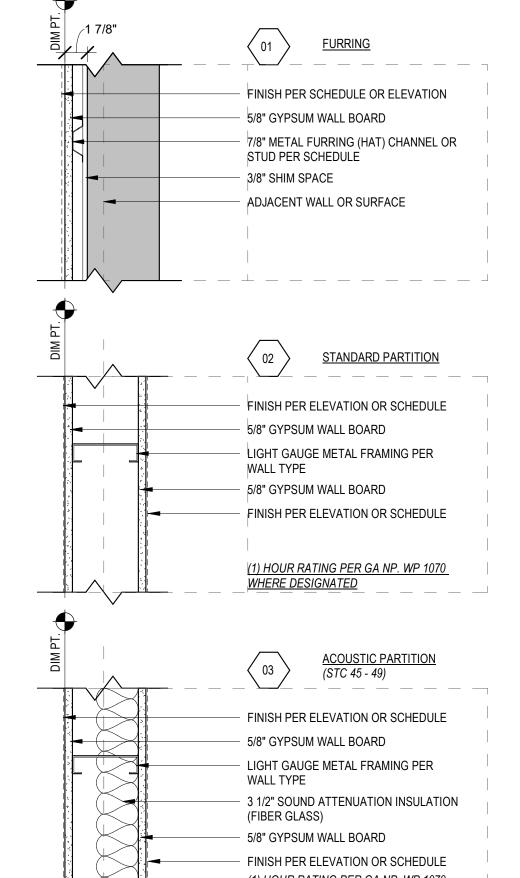
NOTE: CONTRACTOR OPTION TO USE SCAFCO KB- WALL SUPPORT BACKING (KWIK-BACK) BRACKET OR APPROVED EQUAL PER MANUFACTURER INSTRUCTIONS IN LIEU OF DETAIL BELOW.



PARTITION - BLOCKING



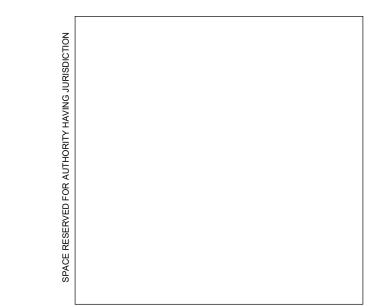




(1) HOUR RATING PER GA NP. WP 1070 WHERE DESIGNATED **ACOUSTIC PARTITION (RC-1)** FINISH PER ELEVATION OR SCHEDULE 1/2" RESILIENT FURRING CHANNEL 5/8" GYPSUM WALL BOARD LIGHT GAUGE METAL FRAMING PER WALL TYPE 3 1/2" SOUND ATTENUATION INSULATION (FIBER GLASS) 5/8" GYPSUM WALL BOARD FINISH PER ELEVATION OR SCHEDULE (1) HOUR RATING PER GA NP. WP 1049

PARTITION TYPES

1 1/2" = 1'-0"



GENERAL NOTES - PARTITIONS

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. PLAN DIMENSION ARE TO THE FINISHED FACE OF PARTITION ASSEMBLY, CENTERLINE OF STRUCTURAL COLUMN, OR TO FACE OF CONCRETE OR CONCRETE MASONRY UNLESS
- C. PROVIDE 5/8" GYPSUM WALL BOARD (GWB), EACH SIDE, ON LIGHT GAUAGE METAL FRAMING AT 16" O.C. AS TYPICAL PARTITION UNLESS NOTED OTHERWISE.
- D. PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT ALL DESIGNATED WET AREAS DEFINED AS 2'-0" BEYOND THE EXTENTS OF THE EDGE ALL PLUMBING FIXTURES. THE BOTTOM 2'-0" ABOVE SLAB IN RESTROOMS AND JANITORS CLOSETS AND OTHER OR AREAS PRONE TO EXPOSED WATER.
- PROVIDE 5/8" DENSHEILD TYPE X OR APPROVED EQUIPMENT BEHIND ALL CERAMIC TILE INSTALLATIONS.
- F. SOUND ATTENUATION BLANKET TO BE 3 1/2" IN THICKNESS UNLESS OTHERWISE NOTED OR AS PRESCRIBED IN A UL RATED ASSEMBLY.
- G. PROVIDE ACOUSTICAL SEALANT AT JOINTS AND PERIMETER OF ALL TYPICAL WALLS,
- MAINTAIN THE LISTED STC RATING AND ACOUSTICAL PERFORMANCE OF ALL PARTITIONS. CAULK ALL PENETRATIONS AND WHEN RETURN AIR PLENUMS ARE PROPOSED, PROVIDE AND INSTALL A STAGGERED AND LINED DUCT ELBOW.
- SEE FIRE LIFE SAFETY (FLS) PLAN FOR LOCATIONS OF RATED ASSEMBLIES.

PROVIDE FIRE RATED SEALANT AT ALL FIRE RATED WALLS.

- NOTIFY THE ARCHITECT IN WRITING BETWEEN DISCREPENCIES BETWEEN LISTED UL OR GA RATED ASSEMBLIES, COMPONANTS DEPICTED WITHIN THIS DRAWING SET AND ASSOCAITED STC TESTS.
- K. PROVIDE LABELED GYPSUM WALL BOARD AT FIRE RATED PARTITIONS.
- PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS
- M. FIRE RATED AND SMOKE ASSEMBLY PARTITIONS AND BARRIERS TO EXTENT TO THE UNDERSIDE OF STRUCTURE UNLESS NOTED OTHERWISE.
- N. FRAME AROUND BEAMS AND OTHER STRUCTURAL ELEMENTS WHEN THEY OCCURE

WITHIN THE SPACE OF A FIRE RATED OR ACOUSTICAL PARTITION.

O. ALL PARTITIONS ARE NON-LOAD BEARING UNLESS OTHERWISE NOTED. REFERENCE

STRUCTURAL DRAWINGS FOR LOAD BEARING PARTITION ASSEMBLIES.

P. PROVIDE CONNECTIONS TO EXISTING STRUCTURE THAT ISOLATE NON-LOAD BEARING WALLS FROM STRUCTURAL MOVEMENT. PROVIDE DEFLECTION TRACKS AT THE TOPS OF ALL PARTITIONS AND SLOTTED CONNECTIONS AT INTERMEDIATE STRUCTURES.

LEGEND - FLOOR PLANS

INDICATED BELOW:

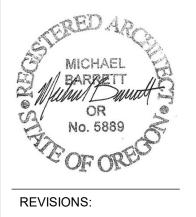
UNIQUE

REPEATABLE

WINDOW TAG

WALL TYPE PER ASSEMBLY	STU	D SIZE LEGEND
BRACING CONDTION	Α	7/8" FURRING CHANNEL
STUD TYPE PER LEGEND	В	1 1/2" FURRING CHANNEL
	С	1 5/8" METAL STUD
gDOOR TAG - REFER	D	2 1/2" METAL STUD
TO DOOR SCHEDULE	Е	3 5/8" METAL STUD
DOOR & FRAME TYPE	F	4" METAL STUD
SEE SCHEDULE	G	6" METAL STUD
DOOR WIDTH	Н	8" METAL STUD
>_{~WINDOW TYPE - SEE	-	2 1/2" C-H SHAFT WALL STUD
SCHEDULE	J	4" C-H SHAFT WALL STUD
	K	6" C-H SHAFT WALL STUD
)	BRA	CING CONDITION
	Α	HEAD @ (E) ACT
	В	HEAD @ (E) SOFFIT/HEADER
	С	HEAD @ PARTITION TRACK

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21005.04 PROJECT: 11/10/2022 DATE:

PARTITION DETAILS A800

TYPICAL

DEFLECTION SLOT TRACK, ATTACHED

CROSS BRACING PER WALL

2" WIDE NEOPRENE TAPE BETWEEN

TOP RUNNER AND CEILING, TYP.

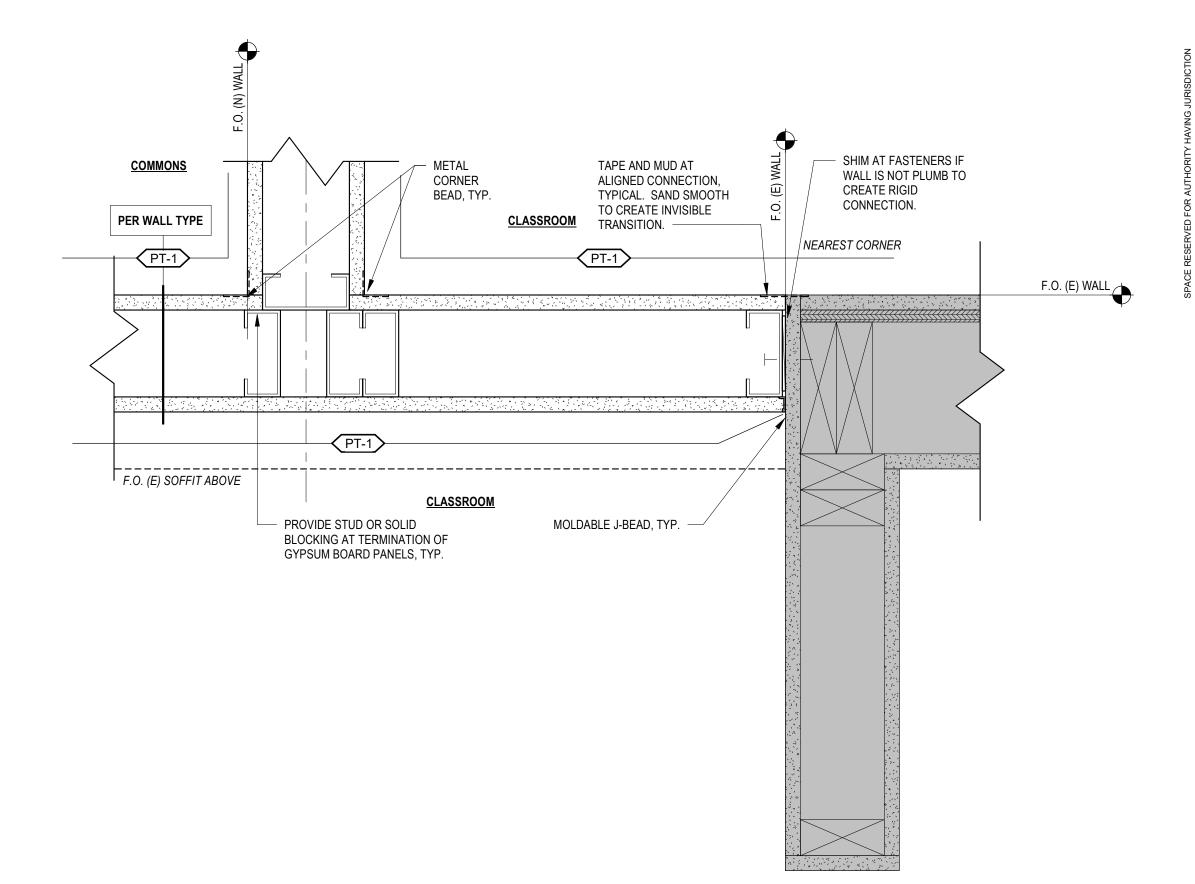
TYPICAL WALL ASSEMBLY

TYPE OR STRUCTURAL

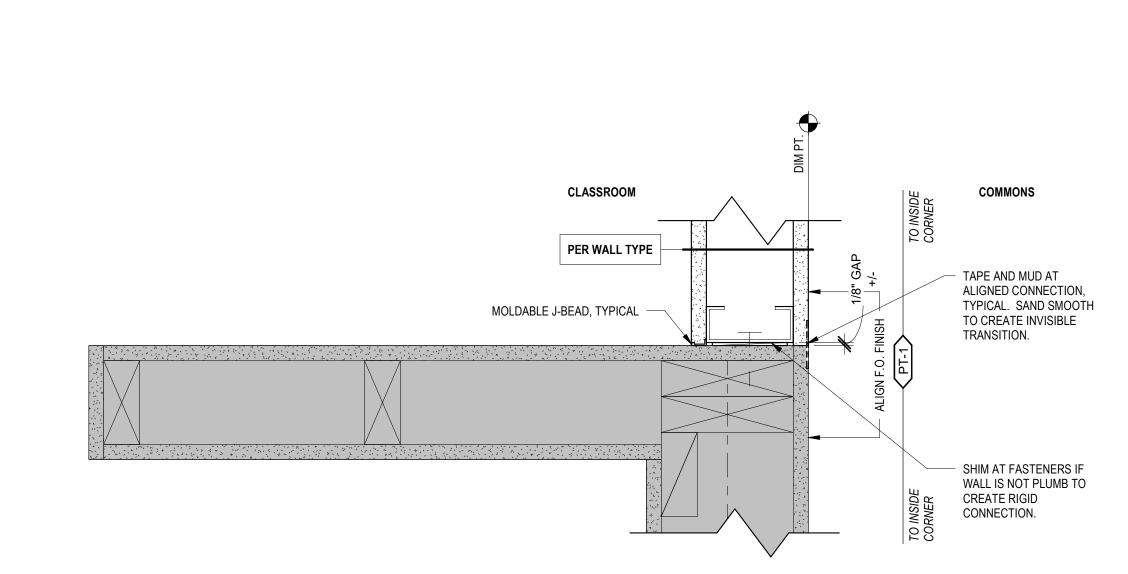
DRAWINGS, TYP.

DIRECTLY INTO SOFFIT ABOVE

TYPICAL WALL ASSEMBLY

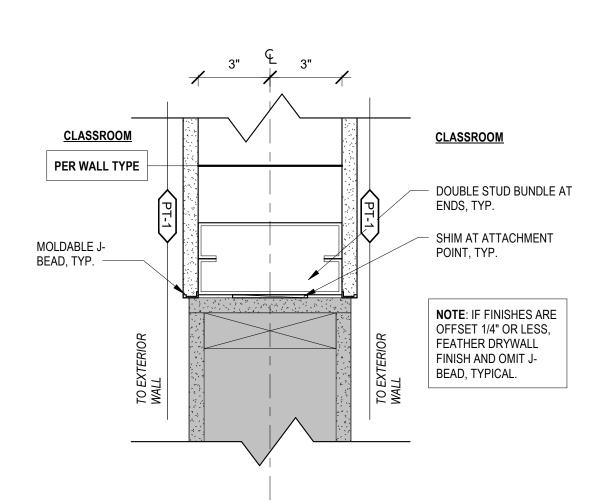






TYPICAL WALL - NEW WALL @ (E) WING WALL
3" = 1'-0"

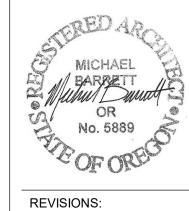




TYPICAL WALL - OPERABLE PARTITION REPAIR @ EXTERIOR
3" = 1'-0"
4

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831 SE SALMON ST, SUITE 140, PORTLAND, OREGON 97214



GENERAL NOTES - PROJECT SIGANGE

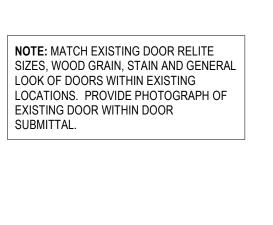
- A. COORDINATE ALL SIGNAGE WITHIN THE PROJECT, INCLUDING CODE REQUIRED SIGNAGE, WITH EXISTING BUILDING SIGNAGE OR WITH CURRENT DISTRICT STANDARDS.
- B. CODE REQUIRED SIGNAGE, SUCH AS STAIRWAY SIGNAGE AND ACCESSIBLE PARKING SIGNAGE, TO BE PROCURED AND INSTALLED BY THE GENERAL CONTRACTOR. PROVIDE DETAILED INFORMATION ON SIZE, FONT AND COLOR WITHIN A SUBMITTAL FOR ARCHITECT AND OWNER REVIEW.
- C. ROOM SIGNAGE IS CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED. COORDINATE EXTENTS AND LOCATION WITH OTHER WALL MOUNTED ITEMS. PROVIDE AN ALLOWANCE FOR THE PATCH AND REPAIR OF EXISTING WALLS WHERE EXISTING SIGANGE IS RELOCATED OR REPLACED.

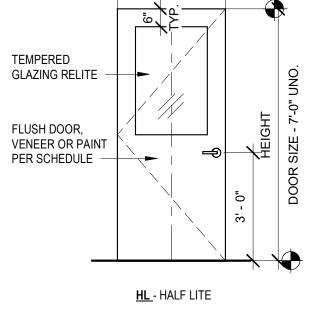


(E) SIGNAGE - SCHOLLS HEIGHTS ELEMENTARY - FOR REFERENCE ONLY



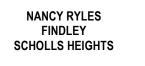
EXISTING DOOR AT COMMONS, GENERAL CONTRACTOR TO MATCH RELITE AND WOOD GRAINING.

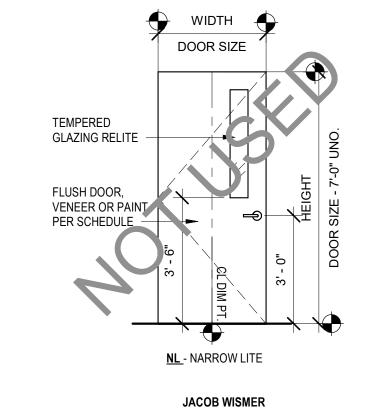




WIDTH

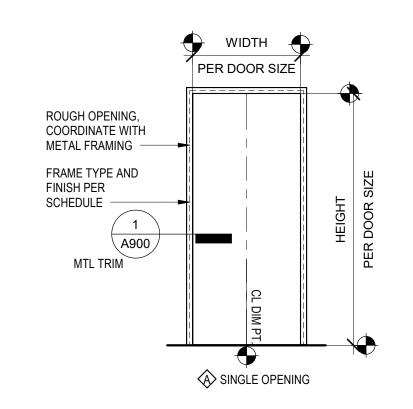
DOOR SIZE

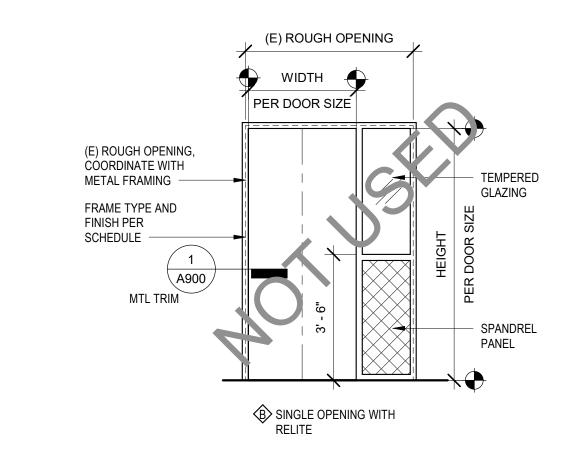




DOOR TYPES

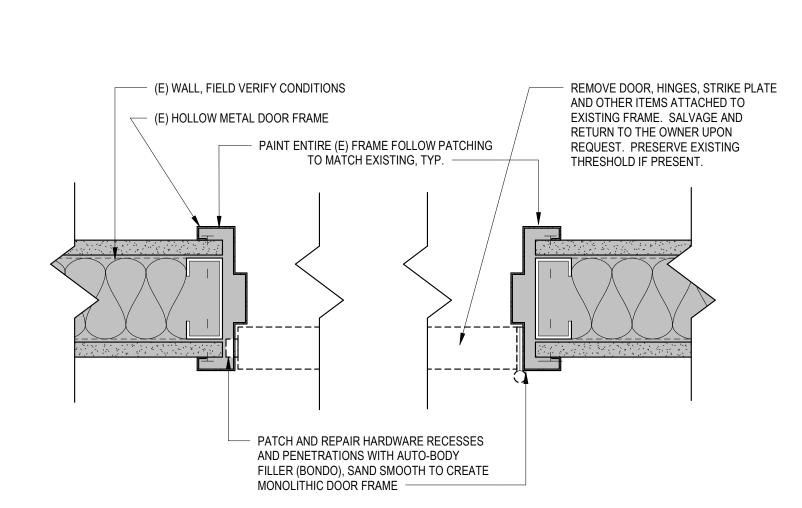
3/8" = 1'-0"

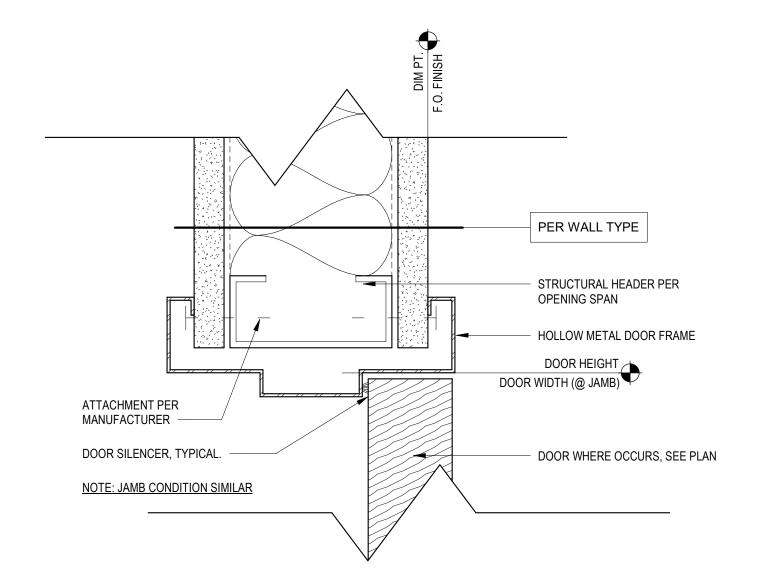




DOOR FRAME TYPES

DOOR SCHEDULE FINISHED SIZE DOOR HARDWARE TYPE WIDTH HEIGHT MATERIAL FINISH TYPE RATING MATERIAL TRIM FINISH THICKNESS MATERIAL GROUP NOTES HL/A 20 3' - 0" 7' - 0" MATCH EXISTING CLASSROOM DOOR RELITE, GRAINING AND FINISH. PROVIDE NEW BLIND AT RELITE TO MATCH (E) BUILDING STANDRD CONTRACTOR TO VERIFY THE FINAL DOOR COUNT.





OPENING - (E) FRAME REPAIR 2" - 1'-0" 2

OPENING - HEAD/JAMB - HOLLOW METAL 1



GENERAL NOTES - DOORS

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. DIMENSIONS SHOWN FOR DOORS AND WINDOWS ARE TYPICALLY FINISHED OPENING DIMENSIONS. COORDINATE ROUGH OPENING DIMENSIONS PER MANUFACTURER RECOMMENDATIONS WITH SELECTED OPENING.
- C. EXIT DOORS TO BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL
- D. THE MAIN EXIT TO DOOR TO HAVE SIGNAGE ABOVE THE DOOR READING "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED."
- E. ALL NEW DOORS TO BE SOLID WOOD, PAINT GRADE UNLESS NOTED OTHERWISE.
- F. PROVIDE NEW ADA LEVER STYLE DOOR HARDWARE TO MATCH BUILDING STANDARD. (SCHLAGE 'ND', SERIES, RHODES STYLE)
- G. ALL NEW FRAMES TO BE FULLY WELDED UNLESS NOTED OTHERWISE. (CURRIES 16 GA.)
- PROVIDE TEMPERED GLAZING IN ALL DOORS AND RELITES UNLESS NOTED OTHERWISE.
- REFER TO ELEVATIONS FOR DOOR AND FRAME PAINT FINISH WHERE PAINT IS USED.

MATERIAL LEGEND

EXISTING GLASS - TEMPERED MDF - TRIM MANUFACTURER'S FINISH PAINT

TRANSPARENT STAIN

WD WOOD - SOLID CORE WOOD - HOLLOW CORE MTL METAL - SOLID CORE STL - KD STEEL FRAME - KNOCKDOWN **HM** HOLLOW METAL FRAME **ALUM** ALUMINUM STOREFONT

HARDWARE GROUPS

BASIS OF DESIGN PRODUCTS: CONTRACTOR TO SUBMIT COMPLETE HARDWARE GROUPS BASED ON BASIS OF DESIGN PRODUCTS AND HARDWARE DESIGN DIRECTION BELOW:

ALL NEW HARDWARE TO BE SATIN CHROME (US26D), UNO.

DOOR FRAMES: CURRIES 16 GA FULLY WELDED - EQUAL RABBIT LEVER HARDWARE SETS: SCHLAGE ND SERIES VANDLGARD, "RHODES"

SCHLAGE FULL SIZE INTERCHANGEABLE (FSIC) CYLINDERS CORES: HINGES: IES HW 4.5" X 4.5" NRP PANIC BARS VON DUPRIN EL 99 OR XP99 LCN 4010 (INWARD SWING), LCN 4111 (OUTWARD SWING) CLOSERS:

BHMA 626, IVES OR EQUAL STOPS: KICK PLATE: STAINLESS STEEL, FULL WIDTH

GROUP 1: COMMONS (PANIC HARDWARE) (3) PAIR BUTTS - 4 1/2" PANIC HARDWARE CLOSER

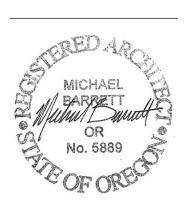
WALL STOP TYPICAL UNO. SILENCER KICK PLATE

CLASSROOM (3) PAIR BUTTS - 4 1/2"

LÉVER SET - "CLASSROOM" TYPE WALL STOP TYPICAL UNO. SILENCER KICK PLATE

PROVIDE WINDOW TREATMENT/BLIND AT DOOR RELITE, TYP.

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REVISIONS:

21005.04 PROJECT: 11/10/2022 DATE:

DOORS, FRAMES, HARDWARE SCHEDULE & TYPICAL OPENING DETAILS

		<u>AB</u>	<u>BREVIATIONS</u>
AC	AIR CONDITIONING UNIT	ESP	EXTERNAL STATIC PRESSURE
AD	ACCESS DOOR	ET	EXPANSION TANK
۸FF	AROVE FINISHED FLOOR		ENITEDINIO NAVATED TENADEDATI IDE

2	AIR CONDITIONING UNIT	ESP	EXTERNAL STATIC PRESSURE
)	ACCESS DOOR	ET	EXPANSION TANK
F	ABOVE FINISHED FLOOR	EWT	ENTERING WATER TEMPERAT
1	AIR HANDLER (SPLIT REFRIG)	EWC	ELECTRIC WATER COOLER
U	AIR HANDLING UNIT	FA	FREE AREA
=	ACOUSTICAL LINING	FX	FLEXIBLE CONNECTION
)	ACCESS PANEL	FC	FAN COIL UNIT
3	ELECTRIC BASEBOARD RADIATION	FD	FIRE DAMPER
	BOILER	FLR	FLOOR
DD	BACK DRAFT DAMPER	FOB	FLAT ON BOTTOM
:C	BELOW FINISHED CEILING	FOT	FLAT ON TOP

BOTTOM OF BEAM

BOTTOM OF DUCT

CEILING DIFFUSER

CUBIC FEET PER MINUTE

CHILLED WATER RETURN

CHILLED WATER PUMP

CHILLED WATER SUPPLY

CONDENSATE PUMP

COOLING TOWER

DRY BULB

DUCT SILENCER

EXHAUST FAN

EXPANSION JOINT

EXHAUST REGISTER

CONDENSING UNIT

CABINET UNIT HEATER

CONSTANT VOLUME BOX

CONDENSER WATER PUMP

DOMESTIC WATER PUMP

ENTERING AIR TEMPERATURE

ELECTRICAL CONTRACTOR

CONDENSER WATER RETURN

CONDENSER WATER SUPPLY

CLEAN OUT

BOTTOM OF PIPE

CHILLER

BOD

CD

CFM

CHWP

CHWS

CO

CWR

CWS

CU

CUH

CWP

	EWT	ENTERING WATER TEMPERAT
	EWC	ELECTRIC WATER COOLER
	FA	FREE AREA
	FX	FLEXIBLE CONNECTION
	FC	FAN COIL UNIT
ION	FD	FIRE DAMPER
	FLR	FLOOR
	FOB	FLAT ON BOTTOM
	FOT	FLAT ON TOP
	FOP	FUEL OIL PUMP

Χ	FLEXIBLE CONNECTION	OAI	OUTSIL
С	FAN COIL UNIT	OAT	OUTSIE
D	FIRE DAMPER	ОС	ON CE
LR	FLOOR	OD	OUTSIE
ОВ	FLAT ON BOTTOM	OBD	OPPOS
OT Op	FLAT ON TOP FUEL OIL PUMP	PBD	PARALL
P	FIRE PUMP	PRV	PRESSU
PM	FEET PER MINUTE	PTAC	PACKA
		RA	RETURN

HEATING HOT WATER RETURN

HEATING HOT WATER SUPPLY

LEAVING AIR TEMPERATURE

LEAVING WATER TEMPERATURE

MECHANICAL CONTRACTOR

MOTOR OPERATED DAMPER

HEAT EXCHANGER

INSIDE DIAMETER

LINEAR DIFFUSER

MAKE-UP AIR UNIT

LINEAR FEET

MOUNTED

HERTZ

FLAT ON TOP	DDD	
FUEL OIL PUMP	PBD	PARALLEL BLAD
FIRE PUMP	PRV	PRESSURE RED
	PTAC	PACKAGED TE
FEET PER MINUTE	RA	RETURN AIR
FINNED TUBE RADIATION	RAG	RETURN AIR G
GENERAL CONTRACTOR		
GALLONS PER HOUR	RAR	RETURN AIR RE
GALLONS PER MINUTE	RCP	REFLECTED CE
	RHC	REHEAT COIL
HAND DAMPER	RF	RETURN FAN
HEAT PUMP	SA	SUPPLY AIR
HEATING AND VENTILATING UNIT		
HOT WATER CONVERTER	SAR	SUPPLY AIR RE

OC	ON CENTER
OD	OUTSIDE DIAMETER
OBD	OPPOSED BLADE DAMPER
PBD	PARALLEL BLADE DAMPER
PRV	PRESSURE REDUCING VALVE
PTAC	PACKAGED TERMINAL AIR COND
RA	RETURN AIR
RAG	RETURN AIR GRILLE
RAR	RETURN AIR REGISTER
RCP	REFLECTED CEILING PLAN
RHC	REHEAT COIL
RF	RETURN FAN
SA	SUPPLY AIR
SAR	SUPPLY AIR REGISTER
SCG	SMOKE CONTROL GRILLE
SD	SMOKE DAMPER
	CALOUE EVALUET EARL

SUPPLY FAN

UNIT HEATER

VOLUME DAMPER

VENT THRU ROOF

WET BULB

WMS WIRE MESH SCREEN

TYPICAL

STATIC PRESSURE

TRANSFER GRILLE

UNLESS OTHERWISE NOTED

VARIABLE AIR VOLUME UNIT

NORMALLY CLOSED

NORMALLY OPEN

NECK

OUTSIDE AIR

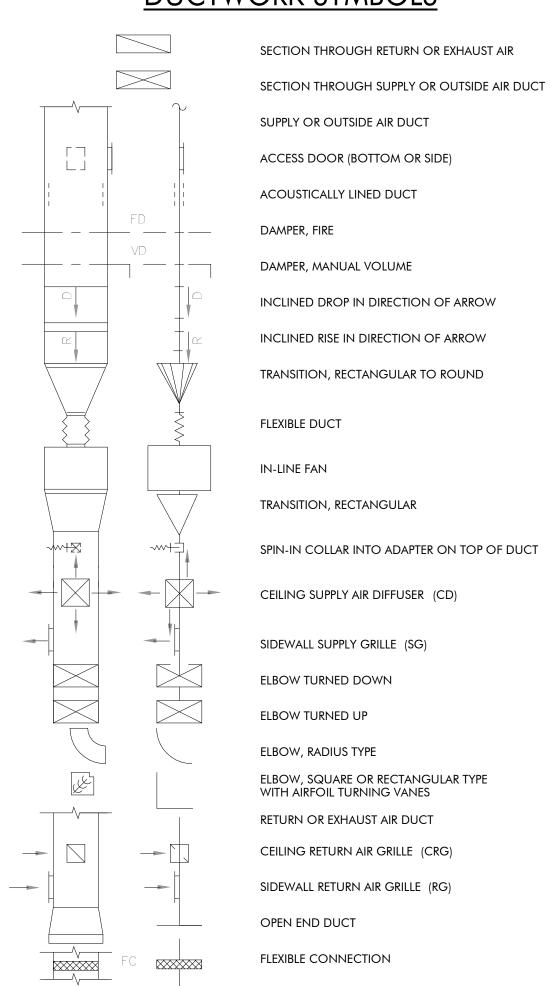
NOT IN CONTRACT

OUTSIDE AIR INTAKE
OUTSIDE AIR TEMPERATURE
ON CENTER
OUTSIDE DIAMETER
OPPOSED BLADE DAMPER
PARALLEL BLADE DAMPER
PRESSURE REDUCING VALVE
PACKAGED TERMINAL AIR CONDITIONER
RETURN AIR
RETURN AIR GRILLE
RETURN AIR REGISTER
REFLECTED CEILING PLAN
REHEAT COIL
RETURN FAN
SUPPLY AIR
SUPPLY AIR REGISTER
SMOKE CONTROL GRILLE
SMOKE DAMPER
SMOKE EXHAUST FAN

	HVAC CONTROL SYMBOL DESCRIPTION SYMBOL DESCRIPTION GATE VALVE GOM OR ZONE THERMOSTAT DUCT THERMOSTAT DUCT THERMOSTAT THERMOMETER SOLENOID VALVE CONTROL VALVE CONTROL VALVE CHECK VALVE CHECK VALVE MOTOR CHECK VALVE FIRE SAFETY SWITCH HUMIDISTAT, ROOM PUMP HUMIDISTAT, ROOM PUMP HUMIDISTAT, DUCT ROOM OR ZONE THERMOSTAT DUCT THERMOSTAT DUCT THERMOSTAT ROOM OR ZONE THERMOSTAT ROOM OR ZONE THERMOSTAT DUCT THERMOSTAT ROOM OR ZONE THERMOSTAT DUCT THERMOSTAT DUCT THERMOSTAT DAMPER MOTOR PLUG VALVE PRESSURE GAGE PUMP HUMIDISTAT, ROOM PUMP HUMIDISTAT, DUCT RELAY PRESSCREEN SWITCH RELAY		
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	GATE VALVE	Ţ	ROOM OR ZONE THERMOSTAT
	GLOBE VALVE	T	DUCT THERMOSTAT
	GAS COCK		THERMOMETER
<u> </u>	SOLENOID VALVE		EXPANSION VALVE
	CONTROL VALVE , 2-WAY	DM	DAMPER MOTOR
PRV PRV	PRESSURE REDUCING VALVE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DAMPER
	CHECK VALVE	M	MOTOR
	CENTRIFUGAL FAN	- -	PLUG VALVE
F	FLOW SWITCH		PRESSURE GAGE
FS	FIRE SAFETY SWITCH	Р	PRESSURE SWITCH
H	HUMIDISTAT, ROOM		PUMP
Н	HUMIDISTAT, DUCT		RELAY
	BALL VALVE	**	PRESS./TEMP. RELIEF VALVE
	CONTROL VALVE , 3-WAY	SD	SMOKE DETECTOR
F	FLOW SWITCH		CONTROL WIRING
	STEAM TRAP	SP	STATIC PRESSURE CONTROLLER

PIPING SYSTEM SYMBOLS HEATING WATER SUPPLY -----HWR----- HEATING WATER RETURN

DUCTWORK SYMBOLS



					MAX.	HEATING	INLET	CONTROL VALVE		HEATING WATER			
		CF	M	PRESS.	"NC" AT	AIRFLOW	SIZE	TWO	THREE	FLOW	EWT	CAP.	
SYMBOL	AREA SERVED	MAX	MIN	DROP	2 IN. S.P.	(CFM)	(IN.)	WAY	WAY	(GPM)	(°F)	(MBH)	REMARKS
TU-20A	CLASSROOM 134	1,250	625	0.25	35	625	12		Х	1.3	180	30.5	1, 2
TU-20B	CLASSROOM 133	1,250	625	0.25	35	625	12		Χ	1.3	180	30.5	1, 2
TU-20C	CLASSROOM 132	1,250	625	0.25	35	625	12		Х	1.3	180	30.5	1, 2
TU-25A	CLASSROOM 111	1,200	600	0.25	35	600	12	Х		1.3	180	30.5	1, 2
TU-25B	CLASSROOM 110	1,250	625	0.25	35	625	12	Х		1.3	180	30.5	1, 2
TU-25C	CLASSROOM 109	1,250	625	0.25	35	625	12	Х		1.3	180	30.5	1, 2
TU-25D	CLASSROOM 108	1,200	600	0.25	35	600	12	Х		1.3	180	30.5	1, 2
TU-34A	CLASSROOM 106	1,250	625	0.25	35	625	12		Х	1.3	180	30.5	1, 2
TU-34B	CLASSROOM 105	1,250	625	0.25	35	625	12		Χ	1.3	180	30.5	1, 2
TU-34C	CLASSROOM 104	1,250	625	0.25	35	625	12		Χ	1.3	180	30.5	1, 2
TU-9A	CLASSROOM 248	1,400	700	0.25	35	700	12	Х		1.3	180	30.5	1, 2
TU-9B	CLASSROOM 247	1,400	700	0.25	35	700	12	Х		1.3	180	30.5	1, 2
TU-9C	CLASSROOM 246	1,400	700	0.25	35	700	12	X		1.3	180	30.5	1, 2
TU-12A	CLASSROOM 219	1,400	700	0.25	35	700	12	Х		1.3	180	30.5	1, 2
TU-12B	CLASSROOM 218	1,400	700	0.25	35	700	12	Х		1.3	180	30.5	1, 2
TU-12C	CLASSROOM 217	1,400	700	0.25	35	700	12	Х		1.3	180	30.5	1, 2
TU-12D	CLASSROOM 216	1,400	700	0.25	35	700	12	Х		1.3	180	30.5	1, 2
TU-31A	CLASSROOM 214	1,400	700	0.25	35	700	12	Х		1.3	180	30.5	1, 2
TU-31B	CLASSROOM 213	1,400	700	0.25	35	700	12	Х		1.3	180	30.5	1, 2
TU-31C	CLASSROOM 212	1,400	700	0.25	35	700	12	Х		1.3	180	30.5	1, 2

REMARKS	1. BASIS OF DESIGN: TITUS DESV, EAT $= 55$ DEGREES F
	2. PROVIDE WITH NEOPRENE ISOLATED HANGERS.

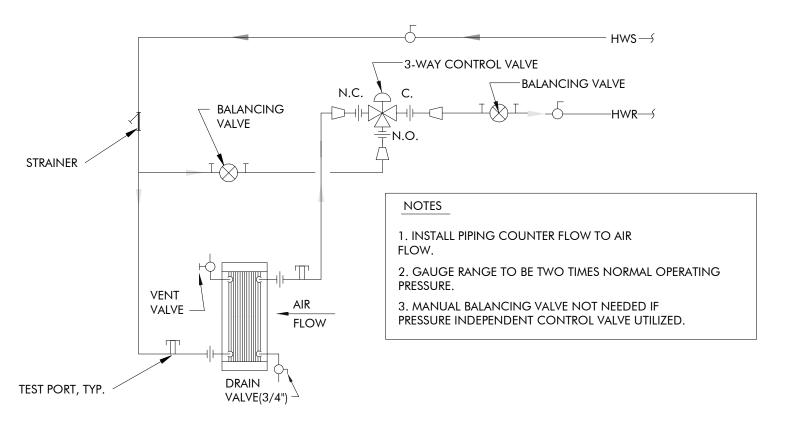
Airflow	X			
Discharge Air Temp	Х			
Zone Setpoint Adjust	Х			
Zone Temp	Х			
HW Valve		Х		
Zone Damper		Х		

	—————————————————————————————————————
STRAINER	BALANCING VALVE TWO-WAY CONTROL VALVE
VENT VALVE AIR FLOW	NOTES 1. INSTALL PIPING COUNTER FLOW TO AIR FLOW. 2. GAUGE RANGE TO BE TWO TIMES NORMAL OPERATING PRESSURE 3. MANUAL BALANCING VALVE NOT NEEDED IF PRESSURE INDEPENDENT CONTROL VALVE UTILIZED.
DRAIN VALVE (3/4")	

HW COIL 2 WAY CONTROL VALVE PIPING DETAIL NO SCALE NO SCALE

GENERAL MECHANICAL NOTES:

- INSTALL EQUIPMENT TO PROVIDE SERVICE CLEARANCE AS RECOMMENDED BY THE MANUFACTURER, AND AS REQUIRED BY CODE AND LOCAL INSPECTOR. PROVIDE CLEAR LABELING OF FILTER PANELS TO VERIFY ADEQUATE ACCESS FOR MAINTENANCE.
- TEST HVAC CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS TO ENSURE THEY ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. SEQUENCES OF OPERATION SHALL BE FUNCTIONALLY TESTED TO ENSURE THEY OPERATE IN ACCORDANCE WITH THE APRPOVED PLANS AND SPECIFICATIONS. A COMPLETE REPORT OF THE TEST PROCEDURES AND RESULTS SHALL BE PREPARED AND FILED WITH THE OWNER PRIOR TO OCCUPANCY.
- PROVIDE RECORD DRAWINGS OF ACTUAL INSTALLATION WITHIN 90 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE TO BUILDING OWNER. PROVIDE OPERATING AND MAINTENANCE MANUAL CONTAINING SUBMITTAL DATA AND OTHER INFORMATION REQUIRED BY SPECIFICATIONS AND ENERGY CODE.
- COORDINATE FINAL LOCATION OF EQUIPMENT, DUCTS, DIFFUSERS, AND GRILLES WITH STRUCTURE, REFLECTED CEILING PLANS, AND THE LIGHTING LAYOUT PRIOR
- PROVIDE ROOF CURBS FOR EQUIPMENT REQUIRING A ROOF PENETRATION, AND PROVIDE EQUIPMENT SUPPORTS FOR ROOF MOUNTED EQUIPMENT NOT REQUIRING A PENETRATION. COORDINATE ROOF CURBS AND SUPPORTS WITH ROOFING SYSTEM, AND SEISMICALLY ATTACH EQUIPMENT TO CURB AND
- PROVIDE VOLUME DAMPERS IN BRANCH DUCTS TO SUPPLY, EXHAUST, AND RETURN GRILLES, AND LOCATE DAMPERS AS CLOSE TO BRANCH CONNECTION AS POSSIBLE. PROVIDE CONCEALED DAMPER OPERATOR IN LOCATIONS WHERE DAMPER IS INACCESSIBLE.
- ALL DUCTWORK TO BE MINIMUM 24 GAUGE SHEET METAL WHEN TRAVELLING BETWEEN RATED OCCUPANCY SEPARATIONS, AREA SEPARATIONS, OR OVER RATED EXIT CORRIDORS AND PASSAGEWAYS.
- H. MOUNT ALL SENSORS, SWITCHES, AND THERMOSTATS PER ARCHITECTURAL
- TRANSITION FROM DUCT SIZES SHOWN TO DIFFUSER NECK SIZES SHOWN A MINIMUM OF 2 FEET BEFORE OUTLET, OR INSTALL A DUCT THE SAME SIZE AS THE GRILLE NECK, AT CONTRACTOR'S OPTION.
- ANCHOR ALL MECHANICAL UNITS IN EXCESS OF 400 LBS. TO STRUCTURE, AND PROVIDE THE DESIGN OF THIS ANCHORAGE AS A DEFERRED SUBMITTAL IN ACCORDANCE WITH THE DIVISION 23 SPECIFICATIONS. PROVIDE A SEISMIC BRACING DESIGN FOR ANY SUSPENDED APPLIANCE OR PIECE OF EQUIPMENT WEIGHING 20 LBS. OR MORE AS WELL. ALL DRAWINGS AND CALCULATIONS SUBMITTED FOR THIS WORK SHALL BE SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF OREGON.
- K. CONSTRUCT AND SEAL ALL DUCTWORK PER IMC REQUIREMENTS. ALL DUCTWORK ON THIS PROJECT FALLS UNDER THE LOW PRESSURE CLASSIFICATION.
- INTEGRATE NEW TERMINAL UNITS INTO EXISTING BUILDING/DISTRICT CONTROLS SYSTEM. PROVIDE NECESSARY NEW CONTROLS DEVICES AS NECESSARY TO INCORPORATE TERMINAL UNITS POINTS SCHEDULED BELOW. SEE SPEC 23 09 23 FOR ADDITIONAL INFORMATION. APPLY EXISTING TERMINAL UNIT SEQUENCE OF OPERATIONS TO ALL NEW TERMINAL UNITS.
- M. ALL DEMOLITION, RELOCATION AND INSTALLATION OF CONTROL WIRING AND DEVICES TO BE COMPLETED BY LICENSED CONTROLS CONTRACTOR.



3 HW COIL 3 WAY CONTROL VALVE PIPING DETAIL NO SCALE

MECHANICAL SHEET LIST

M001	GENERAL NOTES AND ABBREVIATIONS
M141	FLOOR PLAN - LOWER LEVEL - HVAC

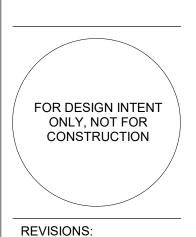
M142

M143

FLOOR PLAN - MAIN LEVEL - HVAC ENLARGED PLANS - TYPICAL CENTER CLASSROOM BLOCK - HVAC

ENLARGED PLANS - TYPICAL END CLASSROOM BLOCK - HVAC

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2622 SE 25th Ave Ste #A Portland, OR 97202 Andrew Craig, P.E. andrew@arris-consulting.com 503-757-2611

PROJECT: 21005.04 11/10/22 DATE:

GENERAL NOTES ABBREVIATIONS

- FOR THIS END CLASSROOM BLOCK, EXISTING TERMINAL UNIT SERVING (3) CLASSROOMS TO BE REPLACED WITH (3) INDIVIDUAL TERMINAL UNITS AS SCHEDULED ON SHEET M001. SEE SHEET M144 FOR TYPICAL EXAMPLE OF WORK.
- FOR THIS CENTRAL CLASSROOM BLOCK, EXISTING TERMINAL UNIT SERVING (4) CLASSROOMS TO BE REPLACED WITH (4) INDIVIDUAL TERMINAL UNITS AS SCHEDULED ON SHEET M001. SEE SHEET M143 FOR TYPICAL EXAMPLE OF WORK.

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PROJECT: 21005.04 DATE:

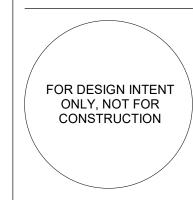
11/10/22

FLOOR PLAN -LOWER LEVEL -HVAC



FOR THIS CLASSROOM BLOCK, EXISTING TERMINAL UNIT SERVING (3) CLASSROOMS TO BE REPLACED WITH (3) INDIVIDUAL TERMINAL UNITS AS SCHEDULED ON SHEET M001. SEE SHEET M123 FOR TYPICAL EXAMPLE OF WORK.

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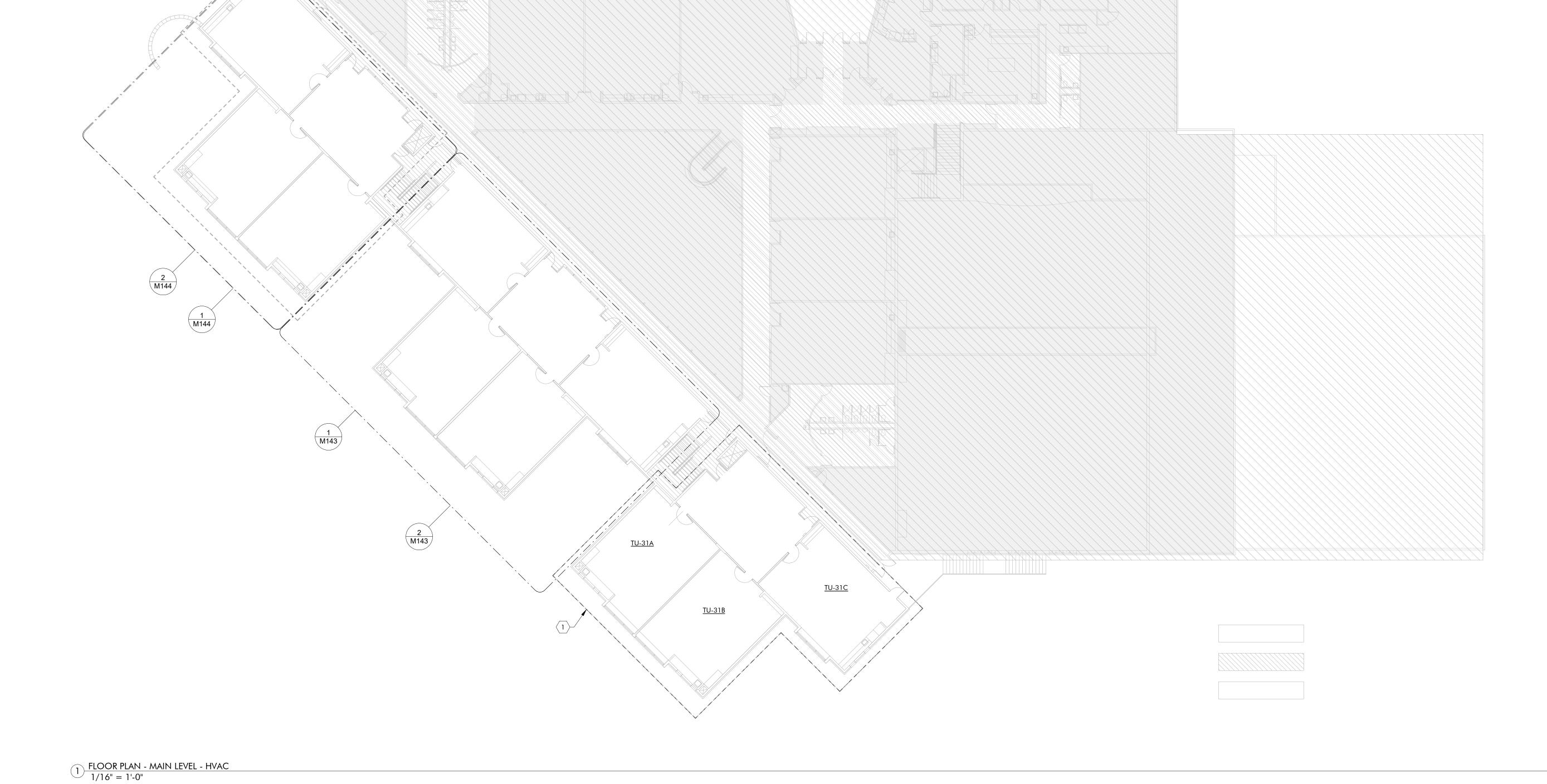
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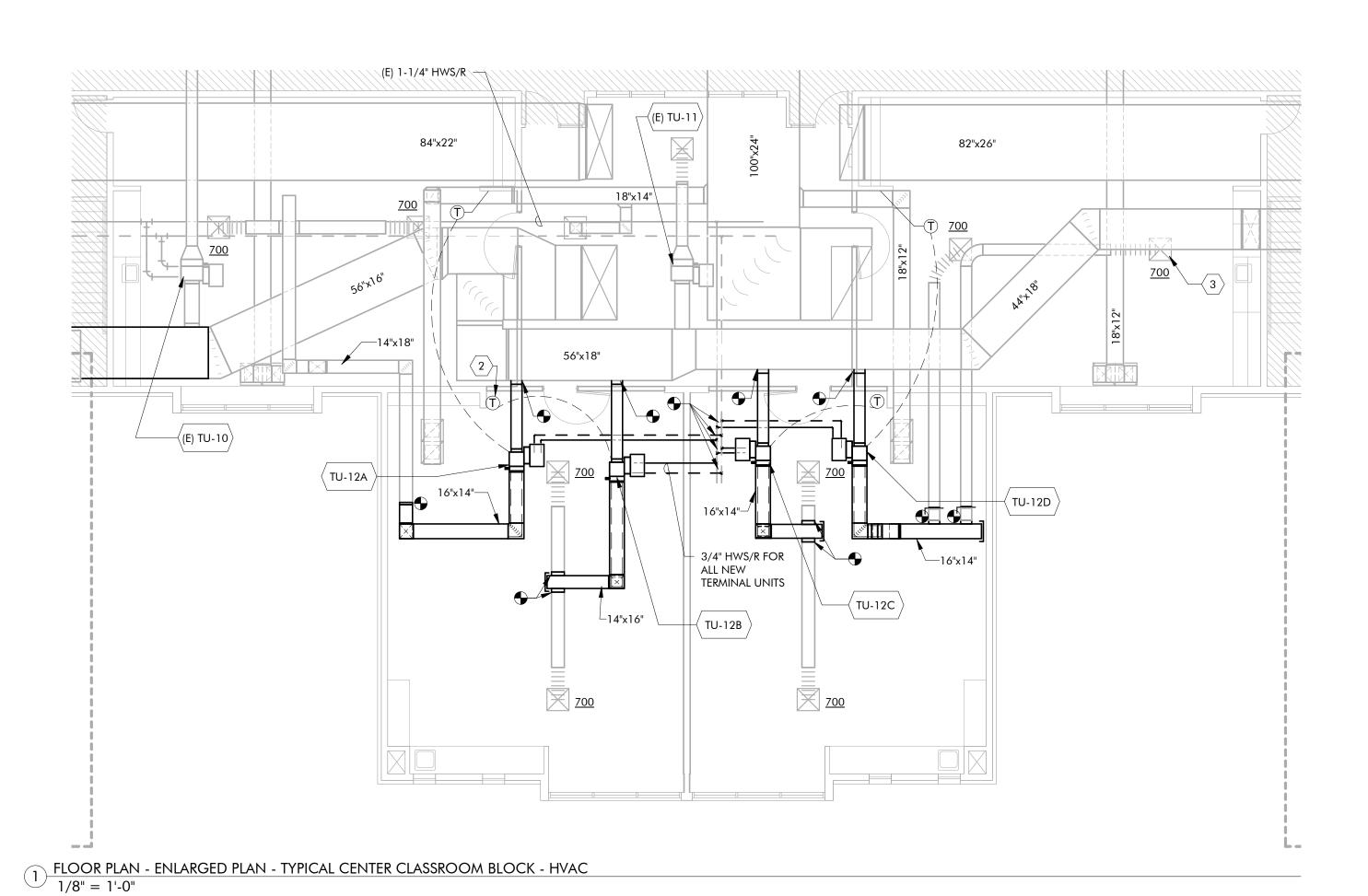
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21005.04 11/10/22

PROJECT: DATE:

FLOOR PLAN -MAIN LEVEL -HVAC





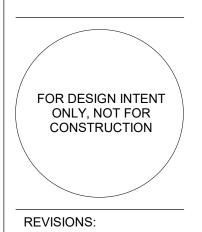
○ SHEET KEYNOTES

- 1 TEMPERATURE SENSOR TO BE REPATHED TO NEW TERMINAL UNIT
- 2 REPATH TEMPERATURE SENSOR TO NEW TERMINAL UNIT,
- 3 REBALANCE DIFFUSER TO AIRFLOW SHOWN, TYPICAL ALL SUPPLY DIFFUSERS THAT ARE RECONNECTED TO NEW TERMINAL UNITS

STUDIO

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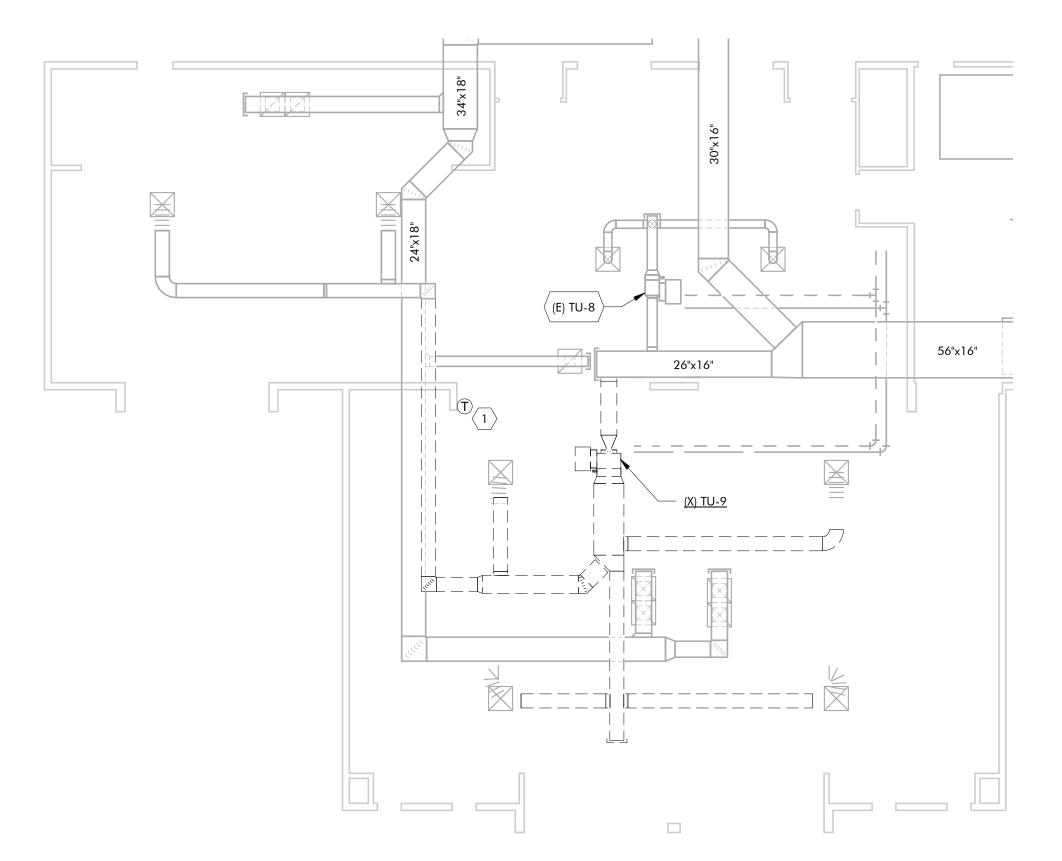
WALLS PHASE 3 - SCHOLLS HEIGHTS ELEMENTARY SCHOOL

16400 SW LOON DR BEAVERTON OR 97007 PERMIT SET

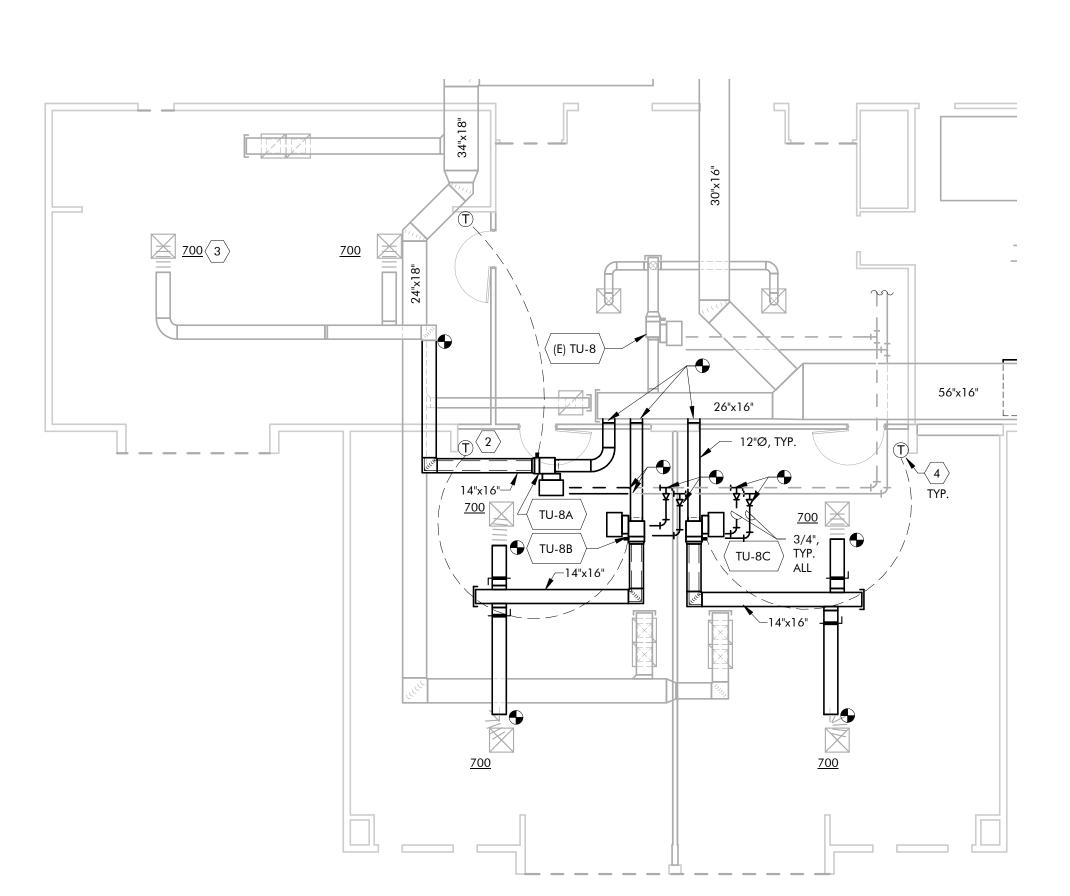
PROJECT: DATE:

21005.04 11/10/22

ENLARGED PLANS
- TYPICAL CENTER
CLASSROOM
BLOCK - HVAC



 $1 \overline{) 1/8" = 1'-0"}$ FLOOR PLAN - ENLARGED DEMO PLAN - TYPICAL END CLASSROOM BLOCK - HVAC

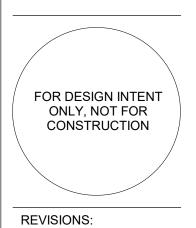


2 FLOOR PLAN - ENLARGED PLAN - TYPICAL END CLASSROOM BLOCK - HVAC 1/8" = 1'-0"

☐ SHEET KEYNOTES

- 1 TEMPERATURE SENSOR TO BE REPATHED TO NEW TERMINAL UNIT
- 2 REPATH TEMPERATURE SENSOR TO NEW TERMINAL UNIT, TU-8A
- 3 REBALANCE DIFFUSER TO AIRFLOW SHOWN, TYPICAL ALL SUPPLY DIFFUSERS THAT ARE RECONNECTED TO NEW TERMINAL UNITS
- 4 COORDINATE ALL THERMOSTAT LOCATIONS WITH LIGHT SWITCHES, ETC.







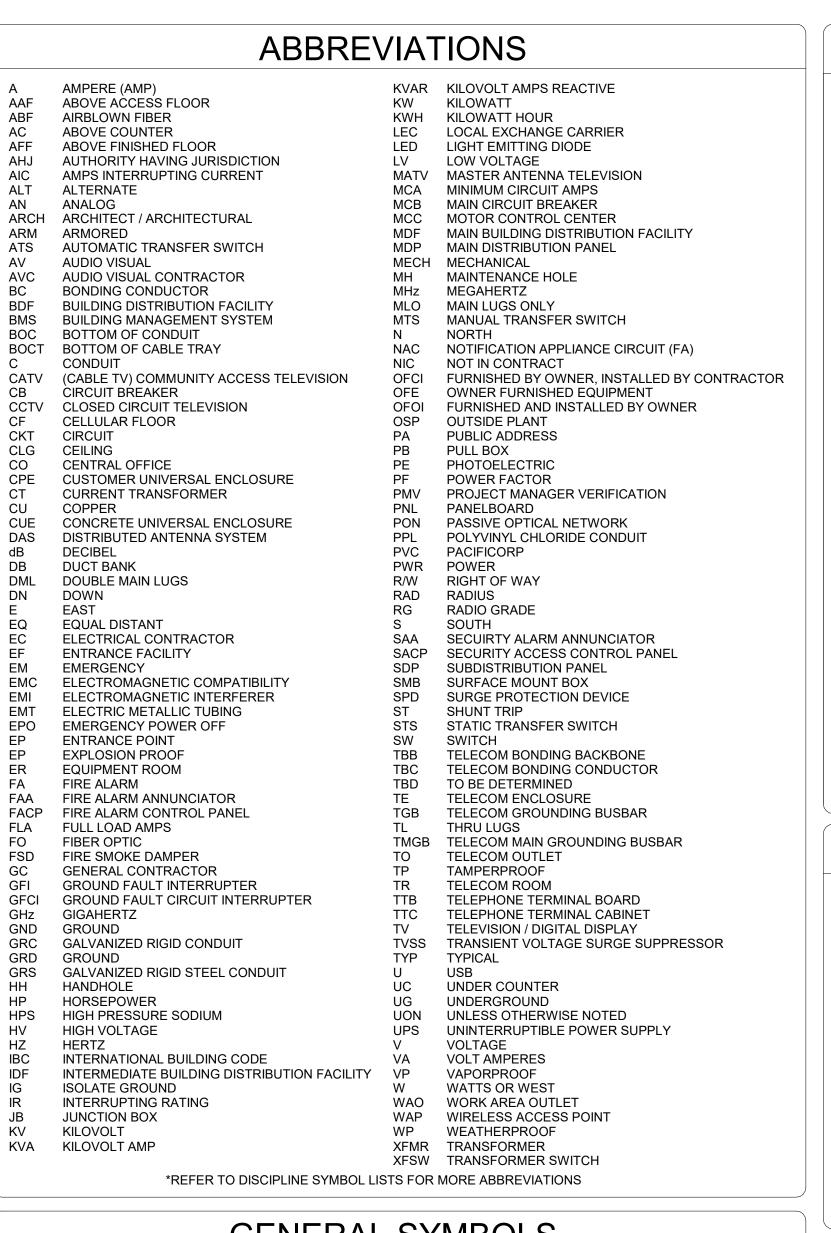
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PROJECT:

ENLARGED PLANS
- TYPICAL END
CLASSROOM
BLOCK - HVAC

21005.04 11/10/22



GENERAL SYMBOLS

XXXX 123	EQUIPMENT DESIGNATOR - SEE SCHEDULE.
⟨E⟩	EXISTING TO REMAIN
$\langle \mathbf{x} \rangle$	EXISTING TO BE REMOVED
$\langle R \rangle$	EXISTING TO BE RELOCATED
$\langle N \rangle$	NEW
(#)	KEYED NOTE

NOTE

THIS IS A STANDARD LEGEND SHEET, THEREFORE, SOME SYMBOLS MAY APPEAR ON THIS SHEET THAT DO NOT APPEAR ON THE DRAWINGS.

WORK RESPONSIBILITY

ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN CONDUIT, DEVICES, BOXES, CONDUCTORS, AND TRANSITIONS AROUND OBSTRUCTIONS WHETHER

SHOWN ON DRAWINGS OR NOT SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER. GENERAL NOTES

(APPLIES TO ALL DRAWINGS)

- A. WHERE EXACT DIMENSIONS ARE NOT CALLED FOR, DO NOT SCALE DRAWINGS TO DETERMINE LOCATION OF EQUIPMENT, JUNCTION BOXES, OUTLET BOXES, WIRE WAYS, PANELS, ETC. SEE ARCH FOR EXACT
- B. CONDUIT RUNS SHOW ONLY INTERCONNECTION BETWEEN THE TERMINATION POINTS. THE EXACT PATH OF THE CONDUIT IS TO BE DETERMINED BY THE CONTRACTOR. THERE SHALL BE A MINIMUM OF ONE PULL BOX FOR EVERY 100 FEET OF STRAIGHT EMPTY CONDUIT AND A PULL BOX FOR MORE THAN TWO 90 DEGREE BENDS IN A CONDUIT RUN. ALL CONDUIT SHALL BE DEBURRED, CLEANED, CAPPED, TAGGED, AND FURNISHED
- C. POWER CIRCUITS FOR THE AUDIOVISUAL SYSTEMS MUST BE ON THE SAME TRANSFORMER PHASE, BUT NOT ON THE SAME PHASE AS ANY COMPRESSORS, MOTORS, OR LIGHTING DIMMING SYSTEMS.
- D. ALL EQUIPMENT MUST BE COMPLETELY BONDED TO A TRUE EARTH COMMON GROUND OR VERIFY GROUNDING REQUIREMENTS WITH ELECTRICAL EQUIVALENT FOR PROPER OPERATION.
- E. FOR TELECOM OUTLETS WITH 1-6 CABLES, PROVIDE 1"C. TO DOUBLE-GANG DEEP BOX WITH SINGLE-GANG MUD RING AND 2, 4 OR 6 PORT FACEPLATE AS REQUIRED.
- F. FOR TELECOM OUTLETS WITH 7-12 CABLES, PROVIDE TWO (2) 1"C. TO DOUBLE-GANG DEEP BOX WITH

DOUBLE-GANG MUD RING AND TWO (2) 2, 4 OR 6 PORT FACEPLATES AS REQUIRED.

G. FOR ALL DATA OUTLETS AND CAMERAS, PROVIDE CATEGORY 6 CABLE AND JACKS. FOR ALL WIRELESS ACCESS POINTS (WAPs), PROVIDE (2) CATEGORY 6A CABLES AND JACKS.

POWER SYMBOLS

Φ •	WALL RECEPTACLE: DUPLEX, 4-PLEX
	FLOOR RECEPTACLE: DUPLEX, 4-PLEX
$ \emptyset $	CEILING RECEPTACLE: DUPLEX, 4-PLEX
#"	WALL RECEPTACLE: MOUNTING HEIGHT
lacktriangle	SPECIAL RECEPTACLE: WALL
$Q \square Q$	JUNCTION BOX: WALL, FLOOR, CEILING
	SURFACE OUTLET STRIP: DIMENSIONS AS SHOWN
	DISCONNECT SWITCH: FUSED, CIRCUIT BREAKER
Ø	MOTOR CONNECTION

<u>A8</u>-1. PANEL & CIRCUIT NUMBER DENOTES DUPLEX RECEPTACLE ON DROP CORD **PUSHBUTTON: WALL**

ADA DOOR ASSIST BUTTON: WALL WIRE CONCEALED IN FLOOR OR UNDERGROUND ____ RACEWAY AND CONDUCTORS REMOVED AS PART OF DEMOLITION - - -

> CONDUIT ELL: UP, DN ELECTRICAL DUCT BANK GROUND ROD, 10' LONG, 5/8" DIAMETER, COPPER. BOND TO LOCAL CIRCUIT GROUND CONDUCTOR

ELECTRICAL DISTRIBUTION CABINET ELECTRICAL DISTRIBUTION PANEL: SURFACE, RECESSED

ELECTRICAL TRANSFORMER

 \longrightarrow \longrightarrow

ONE-LINE SYMBOLS

	CONDUCTORS & CONDUIT
$\times \times \times$	CONDUCTORS & CONDUIT TO BE REMOVED
	CIRCUIT BREAKER, MOLDED CASE SWITCH
	BUS
o _o _=	ATS
	METER
	PANEL
· · ·	MAIN GROUNDING BAR
_	CONNECTION TO GROUND

TRANSFORMER

TIMER SWITCH: T

LIGHTING SYMBOLS

PE (F	PE	PHOTOCELL: CEILING, WALL MOUNTED
<u>os</u>		DUAL TECHNOLOGY, OCCUPANCY SENSOR: CEILING MOUNTED, WALL MOUNTED
VS		DUAL TECHNOLOGY, VACANCY SENSOR: CEILING MOUNTED, WALL MOUNTED
	1. ⊐ a	HA = LUMINAIRE TYPE DESIGNATION 1. = CIRCUIT NUMBER a = SWITCH DESIGNATION
\$ _x		SINGLE GANG, STRAP MOUNTED CONTROL STATION. LIGHT SWITCH: OS = OCCUPANCY SENSOR, K = KEYED, 3 = 3-WAY LOW VOLTAGE DIMMER / PRESET CONTROL: D

TELECONANALINIO ATIONIC CVNADOL C

TELECO	DMMUNICATIONS SYMBO
♦ 	DATA OUTLET: WALL, CEILING, FLOOR
⊲ #	DATA OUTLET: CABLE/JACK QUANTITY (x2 U.O.N.)
∢ #"	DATA OUTLET: MOUNTING HEIGHT
∢ WP	DATA OUTLET: WALL PHONE (x1 CABLE/JACK)
ALS O	ASSISTIVE LEARNING SYSTEM
	ANALOG CLOCK: WALL, CEILING
	MASTER CLOCK: CEILING
IS IP	COMBINATION IP SPEAKER/IP CLOCK (ANALOG FACE)
(E) (F)	DIGITAL CLOCK: WALL, CEILING
(E) (E)	WIRELESS ACCESS POINT: WALL, CEILING. E = EXISTING
[®] ALS	ASSISTIVE LEARNING SYSTEM SPEAKER: CEILING
S AN S AN	ANALOG SPEAKER: WALL, CEILING
S IP S IP	IP SPEAKER: WALL, CEILING
S S	SPEAKER-HORN: WALL, CEILING
AN SAN	ANALOG SPEAKER-HORN: WALL, CEILING, WP
\Diamond	2-WAY/ARA COMMUNICATION STATION: WALL M: MASTER STATION PS: POWER SUPPLY
A/V A/V AV	A/V OUTLET: WALL, FLOOR, CEILING
CONT A/V	ASSISTIVE LEARNING SYSTEM: CONTROLLER
₩0 A/V ⊥	ASSISTIVE LEARNING SYSTEM: INPUT / OUTPUT
₩ CATV	CATV OUTLET: WALL, CEILING
IC	INTERCOM STATION: WALL
IV	INTERCOM & VIDEO STATION: WALL
IC/IV _{MAN}	INTERCOM MASTER STATION: WALL MAN: MASTER ANALOG MIP: MASTER IP
<u>°</u>	WIRELESS CLOCK SIGNAL DISTRIBUTION ANTENNA: WALL

TELECOM PATHWAYS AND **ENCLOSURES SYMBOLS**

ANALOG TELEPHONE OUTLET: WALL

CONDUIT

	UNDERGROUND CONDUIT
	AERIAL
	SPLICE
MH	MAINTENANCE HOLE
	VAULT (SUBSCRIPT +-)
	POLES
	RACK (2 POST)
	RACK (4 POST)
	CABINET: SURFACE, RECESSED
РВ	PULL BOX
V	TELECOM UNDERGROUND VAULT
⊢FSD⊣	CABLE PATHWAY FIRESTOPPING DEVICE
	CABLE TRAY: CENTER SUPPORT, OUTER SUPPORTS
· • •	TELECOM GROUND BUS

TELEPHONE BACKBOARD

CECHDITY CYMDOLC

5	SECURITY SYMBOLS
CR 	CARD KEY READER STATION: WALL
↑ (MD)	MOTION DETECTOR: WALL, CEILING
P DA ⊥	DOOR ASSIST: WALL P: PANIC
KP 	IDS KEYPAD: WALL
ACP	DOOR HARDWARE: WALL ACP: ACCESS CONTROL PANEL DC: DOOR CONTACT DO: DOOR OPERATOR DH: DOOR HOLD OPEN DRP: DOOR RELEASE PANEL EC: ELECTRIC CYLINDRICAL LOCK SET EPT: ELECTRONIC POWER TRANSFER ES: ELECTRIC STRIKE IL: INTEGRATED LOCK LA: LOCAL ALARM LS: LATCH RETRACTION REX: REQUEST TO EXIT SENSOR RX: REQUEST TO EXIT SWITCH
	DOME SECURITY CAMERA: WALL, CEILING SINGLE LENS
	SINGLE LENS 180°
	SINGLE LENS 360°
	SINGLE LENS PTZ
<u></u>	DOUBLE LENS
88 89	QUAD LENS
	SEE DOOR HARDWARE SCHEDULE AND ASSOCIATED

FIRE ALARM SYMBOLS

DETAILS FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS

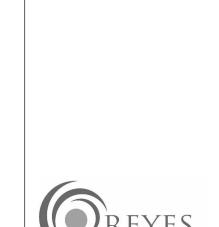
토	MANUAL PULL STATION: WALL
F	BELL: WALL
ğ ¤	STROBE: WALL, CEILING
¥ &	SPEAKER-STROBE: WALL, CEILING
§ \$	PHOTOELECTRIC SMOKE DETECTOR: WALL, CEILING PR: RELAY BASE PIB: ISOLATION BASE PT: HEAT DETECTOR
⊗	BEAM SMOKE DETECTOR
ARM ARM	ADDRESSABLE MODULE: WALL, CEILING ARM: ADDRESSABLE RELAY MODULE AIM: ADDRESSABLE INPUT MODULE (SINGLE) AMM: ADDRESSABLE MINI INPUT MODULE ADM: ADDRESSABLE DUAL INPUT MODULE ANM: ADDRESSABLE NOTIFICATION MODULE AIO 1X1: ADRESSABLE INPUT/OUTPUT MODULE, 1 INPUT x 1 RELAY AIO 2X2: ADRESSABLE INPUT/OUTPUT MODULE, 2 INPUT x 2 RELAY
WF	SWITCH: WALL, CEILING WF: WET SYSTEM PA: PREACTION SYSTEM VS: VALVE SUPERVISORY SWITCH PIV: POST INDICATOR VALVE LA: LOW AIR SWITCH HA: HIGH AIR SWITCH PR: PUMP RUNNING SIGNAL PT: PUMP TROUBLE SIGNAL REV: REVERSAL SIGNAL LT: LOW AIR TEMP LW: LOW WATER LEVEL DH: MAGNETIC DOOR HOLD
FACU	FIRE ALARM CONTROL UNIT
NPS	NOTIFICATION POWER SUPPLY
FAA	REMOTE ANNUNCIATOR
LOC	LOCAL OPERATOR CONSOLE
AMP	EVAC AMPLIFIER
FATC	FIRE ALARM TERMINAL CABINET
ELEV	ELEVATOR CONTROL MUDLE
SPRK	SPRINKLER CONTROL MODULE
FAC	FIRE ALARM CONTROL PANEL
AES	WIRELESS MESH RADIO NETWORK

DOCUMENT STORAGE BOX

Sheet List	
Sheet Number	Sheet Name
E001	LEGEND AND ABBREVIATIONS - ELECTRICAL
E111	FLOOR PLAN - MAIN LEVEL - ELECTRICAL
E112	FLOOR PLAN - LOWER LEVEL - ELECTRICAL



REVISIONS:



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Portland, Or 97232

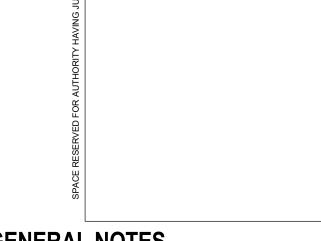
503-771-1986

PROJECT:

21005.04 DATE: 10/21/2022

LEGEND AND **ABBREVIATIONS -**ELECTRICAL E001

FLOOR PLAN - MAIN LEVEL - ELECTRICAL
1/16" = 1'-0"
1



GENERAL NOTES

- ALL CIRCUITS ARE TO BE DE-ENERGIZED PRIOR TO COMMENCING
- CONTRACTOR TO CONFIRM SOURCE PANELS AND LINE TRACE CIRCUITS TO DETERMINE BREAKER SPACE.
- INSPECT PHYSICAL CONDITION OF ALL WIRING INTENDED FOR INTERCEPTION AND EXTENSION.
- PERFORM MEGGER/RESISTANCE TESTING AND NOTIFY ENGINEER OF DEFICIENCIES FOUND.
- REFER TO AS-BUILT DOCUMENTATION FOR EXISTING SINGLE-LINE DIAGRAMS AND DEVICE LAYOUTS, ALTHOUGH THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES AND EQUIPMENT PRIOR TO COMMENCING WORK AND COMPENSATE OWNER FOR DAMAGES CAUSED BY FAILURE TO LOCATE OR PRESERVE UTILITIES.
- FOR ITEMS TO BE DEMOLISHED, REMOVE WIRING, DEVICES, AND CONDUIT COMPLETE, DO NOT ABANDON IN PLACE UNLESS OTHERWISE NOTED. CONDUIT CAST IN-SLAB IS TO BE CUT-OFF BELOW GRADE AND
- DE-ENERGIZE, DISCONNECT, AND REMOVE ALL EXISTING ELECTRICAL INFRASTRUCTURE IN AREAS UNAFFECTED BY PROJECT DEMO.
- RETAIN EXISTING ELECTRICAL RACEWAYS IDENTIFIED FOR INTERCEPTION AND EXTENSION IN AREAS UNAFFECTED BY DEMOLITION.
- PERFORM INSTALLATION IN ACCORDANCE WITH THE CODES OF APPLICABLE DOE ORDERS, NATIONAL ELECTRICAL CODE (NEC), AND
- OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA). I.PERFORM INSTALLATION IN ACCORDANCE WITH THE CODES OF RECORD AND APPLICABLE DOE ORDERS, NATIONAL ELECTRICAL CODE (NEC), AND
- ELECTRICAL DRAWINGS ARE CONSIDERED DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK AND SYSTEMS. COORDINATE ROUGH-IN REQUIREMENTS

AND INSTALLATION REQUIREMENTS WITH OTHER TRADES.

OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).

- PERFORM WORK FOR REMOVAL AND DISPOSAL OF EQUIPMENT AND MATERIALS CONTAINING TOXIC SUBSTANCES REGULATED UNDER THE FEDERAL TOXIC SUBSTANCES CONTROL ACT (TSCA) IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. APPLICABLE EQUIPMENT AND MATERIALS INCLUDE, BUT ARE NOT
 - LIMITED TO: 1. PCB-CONTAINING ELECTRICAL EQUIPMENT, INCLUDING TRANSFORMERS, CAPACITORS, AND SWITCHES. 2. PCB- AND DEHP-CONTAINING LIGHTING BALLASTS. 3. MERCURY-CONTAINING LAMPS AND TUBES, INCLUDING FLUORESCENT LAMPS, HIGH INTENSITY DISCHARGE (HID), ARC LAMPS, ULTRA-VIOLET, HIGH PRESSURE SODIUM, MERCURY VAPOR, IGNITRON TUBES, NEON, AND INCANDESCENT.
- REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.
- M REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY.
- REMOVE EXPOSED ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONDUIT FLUSH WITH WALLS AND FLOORS, AND PATCH SURFACES.
- O DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS THAT ARE NOT REMOVED.
- DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.
- REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
- MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS THAT REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL
- REMOVE AND RESTORE WIRING WHICH SERVES USABLE OUTLETS CLEAR OF CONSTRUCTION OR DEMOLITION.

KEYED NOTES

1 RELOCATE EXISTING LIGHTING CONTROL SWITCH TO LOCATION INDICATED. WIRE AND CONNECT FOR A FULLY FUNCTIONING LIGHTING CONTROL SYSTEM FOR THE SPACE.

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HEIGHTS

PROJECT: DATE:

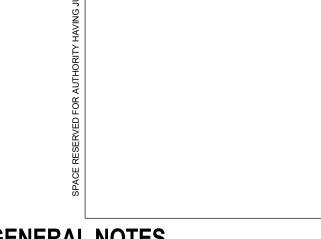
FLOOR PLAN -MAIN LEVEL -ELECTRICAL

21005.04

10/21/2022

E111

FLOOR PLAN - LOWER LEVEL - ELECTRICAL
1/16" = 1'-0"



GENERAL NOTES

UTILITIES.

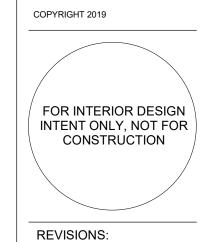
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- AND INSTALLATION REQUIREMENTS WITH OTHER TRADES. PERFORM WORK FOR REMOVAL AND DISPOSAL OF EQUIPMENT AND MATERIALS CONTAINING TOXIC SUBSTANCES REGULATED UNDER THE FEDERAL TOXIC SUBSTANCES CONTROL ACT (TSCA) IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.
- APPLICABLE EQUIPMENT AND MATERIALS INCLUDE, BUT ARE NOT LIMITED TO: 1. PCB-CONTAINING ELECTRICAL EQUIPMENT, INCLUDING TRANSFORMERS, CAPACITORS, AND SWITCHES. 2. PCB- AND DEHP-CONTAINING LIGHTING BALLASTS. 3. MERCURY-CONTAINING LAMPS AND TUBES, INCLUDING
- FLUORESCENT LAMPS, HIGH INTENSITY DISCHARGE (HID), ARC LAMPS, ULTRA-VIOLET, HIGH PRESSURE SODIUM, MERCURY VAPOR, IGNITRON TUBES, NEON, AND INCANDESCENT. REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO
- ACCOMMODATE NEW CONSTRUCTION.
- M REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY.
- REMOVE EXPOSED ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONDUIT FLUSH WITH WALLS AND FLOORS, AND PATCH SURFACES.
- O DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS THAT ARE NOT REMOVED.
- DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.
- REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
- MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS THAT REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL
- REMOVE AND RESTORE WIRING WHICH SERVES USABLE OUTLETS CLEAR OF CONSTRUCTION OR DEMOLITION.

KEYED NOTES

1 RELOCATE EXISTING LIGHTING CONTROL SWITCH TO LOCATION INDICATED. WIRE AND CONNECT FOR A FULLY FUNCTIONING LIGHTING CONTROL SYSTEM FOR THE

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S SCHOLL

PROJECT: 21005.04 DATE: 10/21/2022

FLOOR PLAN -LOWER LEVEL -ELECTRICAL

E112

NECESSARY, PRIOR TO SUBSTANTIAL COMPLETION. FIRE PROTECTION & ALARM SYSTEMS

NOT IN CONTRACT

OUTSIDE DIAMETER or

CONTRACTOR INSTALLED

OVERFLOW DRAIN

OWNER FURNISHED

OWNER FURNISHED.

OWNER INSTALLED

OPEN TO STRUCTURE

PROPERTY LINE

QUARRY TILE

RADIUS, RISER

RESILIENT BASE

RETURN or RETENTION

RESILIENT FLOORING

SELF ADHERED FLEXIBLE

STONE SLAB/VENEER

TEMPERED or TILE

TONGUE & GROOVE

TOP & BOTTOM

THICK(NESS)

TOP OF DECK

TOP OF ROOF

UNO UNLESS NOTED OTHERWISE

UOS UNDERSIDE OF STRUCTURE

VERIFY IN FIELD

WEST or WIDTH

WIDE FLANGE WATER HEATER

WRB WEATHER RESISTANT BARRIER WELDED WIRE FABRIC

MAXIMUM HEIGHT TO DISPENSERS SHOWN,

DISPENSER NAPKIN DISPENSER/ RECEPTACLE

RECEPTACLE

DISPENSER WASTE

COORDINATE WITHIN TILE MODULE

HAND TOWEL SEAT COVER SANITARY TOWEL

VINYL COMPOSITE TILE

PAVEMENT

TWO TOP OF WALL

T-STAT TERMOSTAT

TS TUBE STEEL

TYP TYPICAL

VEN VENEER

VERT VERTICAL

WOOD

W PANELWOOD PANELING

W/O WITHOUT

CCTV

CLOSED ELECTRICAL

ALARM CIRCUIT PANEL

PULL STROBE TELEVISION

STATION & HORN CAMERA

TO MATCH

TOP OF

SYMBOL or SYMMETRICAL

TRECH DRAIN or TOWN DOWN!

TOP OF PARAPET or TOP OF

TOP OF SLAB or TOP OF STEEL

ROUGH OPENING

RESILIENT TILE

FLASHING

SHEET VINYL

SIMILAR

ROOF DRAIN

REPLACE

REQUIRED

RELOC RELOCATED(D)

ROOM

PRESSURE TREATED

PLATE or PLASTIC LAMINATE or

NOT TO SCALE

ON CENTER

OVERHEAD

PWD PLYWOOD

QTY QUANTITY

NTS

OD

OFOI

OTS

REPL

REQ

RM

RO

SAM

STN

SYM

TD

THK

T/M

TOP

TOR

BLK

BLKG

BOC

BOD

CLG

CLR

CMU

CSMT

CTR

DIA

DIM

DN

EB

ELEV

ENM

ETR

FABX

FOM

FOS

GYP

HDRL

HDW

JAN

CLEAR.ಸ್

EQ EQ

6" MAX

RESTROOMS CLEARANCES AND MOUNTING HEIGHTS

LAVATORIES

MIRRORS

FIN. FLOOR

5" MAX.

8" MIN. FOUNTAIN

BLOCK

BLOCKING

BOTTOM OF

BOTTOM

BOTH SIDES

CATCH BASIN

CEMENT BACKER BOARD

CONTRACTOR FURNISHED,

CONTRACTOR INSTALLED

CONTRACTOR FURNISHED.

CONCRETE MASONRY UNIT

OWNER INSTALLED

CORNER GUARD

CONTROL JOINT

CENTER LINE

CLEAR(ANCE)

CEMENT PLASTER

CEILING

CLOSET

CASEMENT

CENTER

DIAMETER

DIM PT DIMENSION POINT

DOWN

DIMENSION

DAMPPROOFING

EXPANSION BOLT

EXPANSION JOINT

ELECTRIC OUTLET

EXISTING TO REMAIN

FURNISH AND INSTALL

FIRE EXTINGUISHER CABINET

FACE OF or FINISHED OPENING

FURNITURE, FIXTURE &

FACE OF CONCRETE FACE OF FINISH

FACE OF MASONRY

FACE OF STUD

GMU GLASS MASONRY UNIT

GWB GYPSUM WALL BOARD

HVAC HEATING, VENTILATION &

AIR CONDITIONING

JANITOR'S CLOSET

HOOK

EXTINGUISHER ALARM

LIFE SAFETY MOUNTING HEIGHTS

GYPSUM

HANDRAIL

HEIGHT

JANITOR

HARDWARE

DISHWASHER

FXISTING

ELEVATION

EXTERIOR

FIRE ALARM

EQUIPMENT

FIRE ALARM BOX

FINISHED FLOOR

FLOOR DRAIN

ENAMEL

EACH

CTSK COUNTERSINK

DEMO DEMOLITION

CERAMIC TILE

CSWK CASEWORK

BACK OF CURB

BASIS OF DESIGN

A. CONTACT BUILDING MANAGER FOR INSTRUCTIONS WHEN SCHEDULING WORK ON FIRE SPRINKLER AND ALARM SYSTEMS.

REUSED EXISTING FIRE EXTINGUISHERS ARE TO BE INSPECTED AND/OR RECHARGED, AS

- B. AUTOMATIC SPRINKLER SYSTEM SUPERVISION: ALL VALVES, INCLUDING THOSE IN PITS, SHALL BE MONITORED BY UL LISTED FIRE MARSHAL - APPROVED CENTRAL STATION. WATER FLOW AND HIGH/LOW PRESSURE FOR DRY PIPE SYSTEMS (IF USED) SHALL BE SUPERVISED AS WELL AS OTHER FEATURES DEEMED NECESSARY BY CURRENT NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS.
- C. PREPARE SPRINKLER SYSTEM SHOP DRAWINGS FOR COORDINATION WITH ARCHITECTS'
- D. PROVIDE FULLY CONCEALED SPRINLKER HEADS IN HARDLID CEILINGS, UNLESS NOTED
- E. PAY ALL FEES AND OBTAIN ALL PERMITS AND APPROVALS FROM AUTHORITIES HAVING JURISDICTION NECESSARY TO COMPLETE THE WORK.

BUILDING ALARM SYSTEM/SMOKE DETECTORS

- A. PROVIDE VISUAL AND AUDIBLE ALARM SIGNAL APPLIANCES INTEGRATED INTO THE BUILDING ALARM SYSTEM AS REQUIRED BY ADA AND CURRENT OSSC STANDARDS. PROVIDE ADDITIONAL ELECTRICAL SERVICE AS REQUIRED. COORDINATE REQUIREMENTS WITH BUILDING OWNER. ALARM LOCATIONS INDICATED ON PLANS ARE FOR REFERENCE
- B. PROVIDE SHOP DRAWINGS FOR ALARM SYSTEM LAYOUT AS REQUIRED BY CODE.
- C. SMOKE DETECTION DEVICES INDICATED ON THE DRAWINGS ARE FOR REFERENCE ONLY. CONFIRM SPACING OF DETECTORS WITH DEVICE LISTING.
- D. CLEAN AND REPAIR EXISTING SMOKE DETECTORS TO BE REUSED TO GOOD WORKING CONDITION.

DIMENSIONS MEASURED TO THE

POINT OF OPERATING CONTROL

TOWEL

DISPENSER

ADA REACH RANGES

10" MAX. OBSTR.

FOR SIDE REACH

UNOBSTRUCTED

REACH

PAPER SOAP LOTION HAND

GEL

OBSTRUCTED

SIDE REACH

SURFACE 2'-3" MIN. TO 2-10"

CHANGE

OBSTRUCTED

FORWARD

REACH

STATION

ZONE FOR TOILET PAPER DISPENSER

TOILET PAPER

DISPENSER

MAX WHEN OPENED

- A. DOORS SHALL OPEN FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL
- B. NEW EXTERIOR DOOR HARDWARE SHALL MATCH EXISTING BUILDING STANDARDS AND BE ADA COMPLIANT. LEVELER HANDLE, HINGES AND CLOSESERS TO ALL MATCH SAME
- C. CONTRACTOR SHALL VERIFY COMPATABILITY OF HARDWARE SPECIFIED WITH BUILDING
- D. PROVIDE NEW DOORS WITH FINISH SPECIFIED PER SCHEDULE. PROVIDE DIAGRAM OF WOOD GRAIN DETAIL, MATCHING AND FINISH.
- E. PROVIDE DOOR CLOSERS PER SCHEDULE. SUBMIT CUT SHEET FOR ARCHITECT REVIEW AND APPROVAL.
- G. PROVIDE DOOR OPENINGS IN RATED WALLS COMPLYING WITH REQUIRED SMOKE CONTROL ASSEMBLY AND INDICATED FIRE PROTECTION RATING. WHERE EXISTING DOOR OPENINGS DO NOT COMPLY WITH PRESENT BUILDING CODE REQUIREMENTS, PROVIDE NEW DOORS, FRAMES AND HARDWARE THAT COMPLY.
- H. ADJUST THE RESISTIVE FORCE OF ALL NEW AND EXISTING INTERIOR DOOR CLOSERS IN THE PROJECT AREA TO A MAXIMUM PRESSURE OF 5 LBS TO COMPLY WITH ADA REQUIREMENTS

FINISHES - PATCH & REPAIR

- REPAIR/REFINISH ANY DAMAGE TO EXISTING FINISH SURFACES IN IMPROVEMENT AREA CAUSED BY CONSTRUCTION OPERATIONS.
- J. PAINT EXISTING WALLS WITH (2) COATS OF EGGSHELL FINISH PAINT UNLESS NOTED OTHERWISE. SUBMIT COLOR DRAW-DOWNS TO ARCHITECT FOR APPROVAL PRIOR TO
- K WHERE ALL NEW PARTITIONS ABUT. JOIN OR CONNECT TO EXISTING SURFACES. WALLS OR NEW CONSTRUCTION, ALIGN THE FINISH SURFACE.

ALL NEW WALLS AND PARTITIONS SHALL HAVE TAPED JOINTS (3) COATS SANDED AND

- PRIMED TO MEET PAINT READY REQUIREMENTS. M. EXISTING WALLS AND SURFACES SHALL BE STRIPPED, RESURFACED AND PATCHED AS
- REQUIRED.
- PROVIDE A FULL GALLON OF EACH WALL COLOR WITH LABELS IN TENANT SUITE. LABEL ALL LEFT OVER PAINT AND DELIVER TO OWNER WHERE DIRECTED.
- O. TAPE AND SAND EXPOSED GYPSUM BOARD FOR A FLAT, SMOOTH SURFACE FINISH TO MATCH EXISTING ADJACENT SURFACES IN BUILDING UNLESS NOTED OTHERWISE.
- P. PROVIDE FINISH MATERIALS MATCHING ESTABLISHED BUILDING STANDARD QUALITY, UNLESS NOTED OTHERWISE. PROVIDE COLORS APPROVED BY OWNER AND ARCHITECT.
- Q. CONTRACTOR TO FILL AND PATCH EXISTING CONCRETE SLABS AND SHALL PROVIDE SMOOTH UNIFORM SURFACE PRIOR TO NEW FLOOR COVERINGS TO BE INSTALLED.

CLEAR SPACE

3' - 6" MIN. - 0"

OBSTRUCTED

FORWARD REACH

CLEAR SPACE

", 3' - 0" MIN.

1' - 6" 2' - 0" 1' - 6" WATER CLOSETS

PROTRUDING

OBJECTS

GENERAL NOTES - PROJECT

- A. REVIEW ALL CONSTRUCTION DOCUMENTS AND SPECIFICATIONS AND COMPARE THEM TO FIELD CONDITIONS PRIOR TO PROCEEDING WITH THE WORK. IMMEDIATELY REPORT ANY CONFLICTS, DISCREPANCIES, OR OMISSIONS TO THE ARCHITECT PRIOR TO SUBMITTING FOR BID.
- B. ALL WORK SHALL BE DONE IN CONFORMANCE WITH THE LATEST EDITION OF APPLICABLE BUILDING CODES, PROGRAM GUIDES OR OTHER REQUIREMENTS OF THE LOCAL JURISDICTION.
- C. ALL WORK, BOTH NEW AND IN PLACE, IS TO MEET THE BUILDING FIRE-LIFE SAFETY SUMMARY IN THE AREA OF REMODEL WORK PRIOR TO FINAL INSPECTION.
- D. PROVIDE ALL WORK REQUIRED FOR A COMPLETE INSTALLATION WHETHER OR NOT SHOWN OR DESCRIBED.
- COORDINATE THE MOVEMENT OF PERSONNEL AND MATERIALS WITHIN THE BUILDING AND SIMILAR AREAS WITH THE OWNER'S REPRESENTATIVE. SCHEDULE ACTIVITIES SO THEY ARE NOT DISRUPTIVE TO OCCUPANTS OF THE BUILDING. MAINTAIN EXITING, FIRE PROTECTION AND LIFE SAFETY PER THE FIRE MARSHALL'S OFFICE. COORDINATE DISRUPTIVE WORK FOR AFTER BUSINESS HOURS.
- F. CONTRACTOR SHALL NOT SCALE THE DRAWINGS OR DETAILS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND CONDITIONS AT THE JOBSITE. WHERE WRITTEN DIMENSIONS ARE NOT INDICATED OR CANNOT BE DISCERNED FROM THE CONSTRUCTION DOCUMENTS, CONTACT THE ARCHITECT FOR CLARIFICATION.
- G. NOTIFY THE ARCHITECT IN WRITING IF THERE ARE ANY CORRECTIONS OR CHANGES REQUIRED TO THE CONSTRUCTION DOCUMENTS BY THE AUTHORITY HAVING JURISDICTION. CORRECTION LIST OR COMMENTS MUST BE DELIVERED TO THE DESIGN AGENCY VIA EMAIL AND INCORPORATED BY THE CONTRACTOR INTO THE PERMIT SET
- H. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL TRADES, INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL REQUIREMENTS.

IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO FOLLOW AND COORDINATE ALL ITEMS PER THE MANUFACTURE'S PRINTED INSTRUCTIONS, SPECIFICATIONS AND INSTALLATION DETAILS. THE INSTALLATION OF ALL BUILDING PRODUCTS (INTERIOR AND EXTERIOR), FIXTURES, EQUIPMENT, ETC. SHALL FOLLOW MANUFACTURER INSTALLATION REQUIREMENTS.

CONSTRUCTION PHASE

J. THE ARCHITECT SHALL NOT HAVE CONTROL OVER NOR IS RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES IN THE EXECUTION OF THE WORK. SAFETY PRECAUTIONS OR PROGRAMS CONNECTION WITH THE PROJECT ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

MATERIAL SPECIFICATIONS

- K. SPECIFIC ITEMS DESCRIBED, LISTED OR DRAWN WITHIN THE CONSTRUCTION SET ARE CONSIDERED THE BASIS OF DESIGN FOR THE PROJECT. IF A SUBSTITUTION IS PROPOSED, THE GENERAL CONTRACTOR IS TO CERTIFY THAT THE PRODUCT IS OF EQUAL OR GREATER PERFORMANCE OR REQUEST REVIEW BY THE DESIGN AGENCY IN WRITING.
- L. THE GENERAL CONTRACTOR SHOULD CONFIRM APPLICABILITY OF ALL SPECIFIED PRODUCTS WITH THE MANUFACTURER FOR SPECIFIC USE AS SHOWN PRIOR TO PURCHASING AND INSTALLATION.

SUBMITTAL PROCEDURES

- M. THE GENERAL CONTRACTOR SHALL PROVIDE THE ARCHITECT AND BUILDING OWNER PRODUCT DATA, CUTSHEETS AND SHOP DRAWINGS OF INSTALLED PRODUCTS OR DESIGN-BUILD ITEMS IN DIGITAL .PDF FORMAT FOR REVIEW FOLLOWING THE CONTRACTOR'S REVIEW FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. ARCHITECT WILL THEN REVIEW EACH SUBMITTED FOR GENRAL COMFORMAMANCE.
- N. PROVIDE A MINIMUM (2) PHYSICAL PRODUCT SAMPLES FOR EACH FINISH, INCLUDING PAINT DRAWDOWNS, SPECIFIED WITHIN THESE DRAWINGS.

PROJECT SCOPE

PROJECT NAME:

JURISDICTION:

BUILDING HEIGHT:

PROJECT ADDRESS:

CONSTRUCITON TYPE:

PROJECT SUMMARY

INTERIOR ALTERATION TO PROVIDE SECURITY IMPROVEMENTS TO EXISTING CLASSROOM AND EDUCATION COMMONS AREA. SCOPE INCLUDES BUILDING NEW PARTITIONS AT EXISTING OPENINGS WITH NEW CLASSROOM ENTRY DOORS. EXISTING OCCUPANCY, OCCUPANTS AND EGRESS PATTERNS ARE UNCHANGED.

CLASSROOM WALLS PHASE 3

4205 SW 193RD AVE

WASHINGTON COUNTY

ALOHA, OR 97078

V-B (SPRINKLERED)

BUILDING OCCUPANCY: EDUCATIONAL, ASSEMBLY (NON-SEPRATED)

2 STORY

KINNAMAN ELEMENTARY SCHOOL

ADDITIONAL SCOPE ADDRESSES 25% FOR ADA UPGRADES.

PROJECT TEAM

BEAVERTON SCHOOL DISCTRICT 1260 NW WATERHOUSE AVE. BEAVERTON, OR 97006

> ATTN: JASON MOURRAY JASON_MOURRAY@BEAVERTON.K12.OR.US

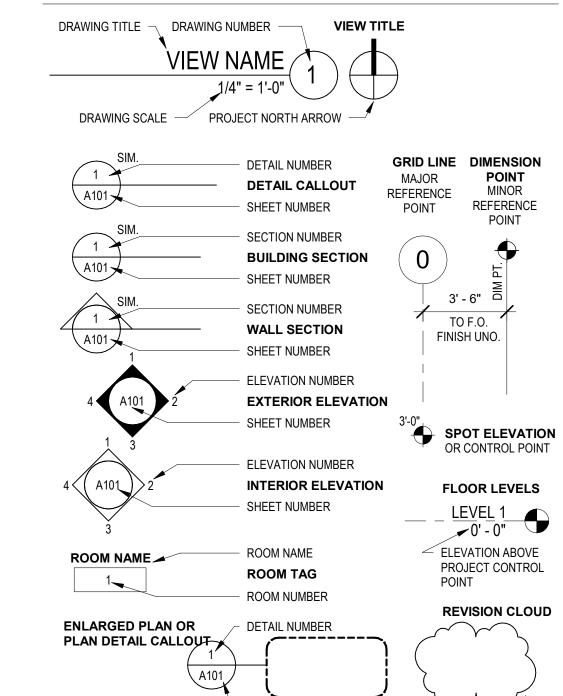
ARCHITECT: HBX STUDIO ARCHITECTURE. INC. 831 SE SALMON ST SUITE 140 PORTLAND, OR 97214

WWW.HBX-STUDIO.COM

ATTN: MICHAEL BARRETT, AIA MICHAEL@HBX-STUDIO.COM

CONTRACTOR: TBD

GENERAL SYMBOLS



SHEET NUMBER

SLOPE UP SLOPE DOWN

SLOPE SYMBOLS

LIST OF DRAWINGS CURRENT SHEET DRAWING NAME REVISION G051 COVER PAGE SITE PLAN & ACCESSIBLE PARKING FIRE, LIFE & SAFETY PLAN OVERALL FLOOR PLAN ENLARGED FLOOR PLAN - BUILDING A162 ENLARGED PLANS - READING ROOM **EXTERIOR ELEVATIONS & DETAILS** TYPICAL PARTITION DETAILS TYPICAL PARTITION DETAILS DOORS, FRAMES, HARDWARE SCHEDULE & TYPICAL OPENING DETAILS M001 GENERAL NOTES AND ABBREVIATIONS M151 ENLARGED FLOORPLAN - NEW CLASSROOMS - HVAC E001 LEGEND AND ABBREVIATIONS - ELECTRICAL E152 ENLARGED FLOOR PLAN - BUILDING 1 - LIGHTING E301 ENLARGED PLANS - READING ROOM - ELECTRICAL

DEFERRED SUBMITTALS - DESIGN/BUILD

ALL DEFERRED SUBMITTALS SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL WITH A NOTATION INDICATING THAT THE DOCUMENTS HAVE BEEN REVIEWED AND FOUND TO BE IN CONFORMANCE WITH THE DESIGN DIRECTION WITHIN THESE DOCUMENTS.

ALL WORK IS SUBJECT TO FIELD INSPECTION, DO NOT COVER WORK PRIOR TO CITY

LOW VOLTAGE SYSTEMS

SEPARATE PERMIT(S)

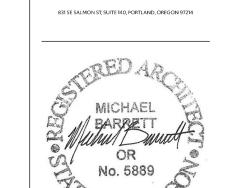
HAVING JURISDCIATION.

SEPARATE PERMITS ARE REQUIRED FOR THE BELOW ITEMS. THE GENERAL CONTRACOTR SUBMIT PLANS FOR REVIEW AND APPROVAL TO THE LOCAL AUTHORITY

FIRE PROTECTION SYSTEMS

FIRE ALARM SYSTEMS

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REVISIONS:

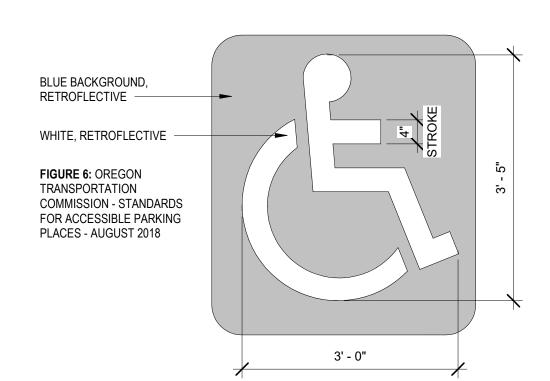
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PROJECT: 21005.05 11/10/22 DATE:

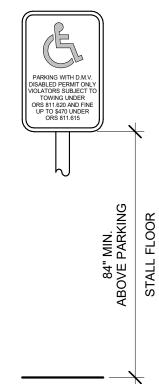
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G051

ACCESSIBLE PARKING PLAN
1/8" = 1'-0"



ACCESSIBLE SIGNAGE STENCILING
3/4" = 1'-0"

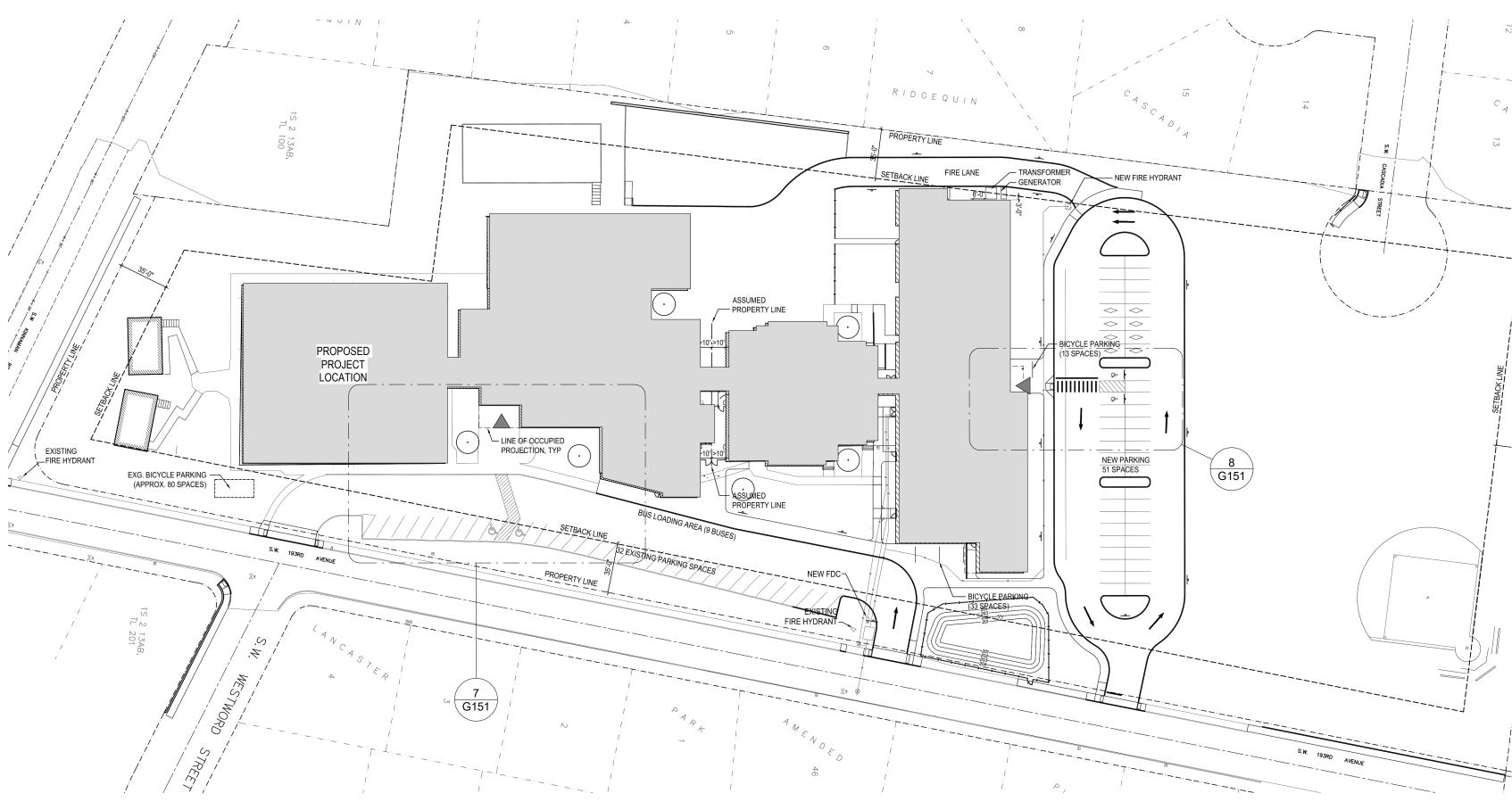


ACCESSIBLE SIGNAGE 3/4" = 1'-0"

- REPLACE EXISTING PARKING SIGNS WITH CURRENT ODOT STANDARD (R7-8 & 7-8A) AS

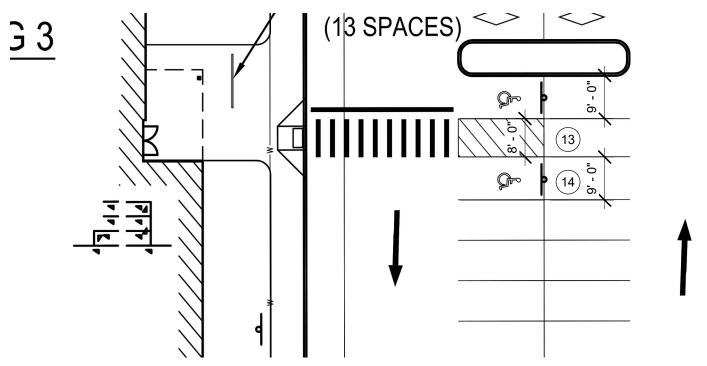
- VERIFY EXISTING POLE HEIGHT MEETS REQUIREMENTS OF DETAIL 4 ON THIS PAGE IF NON-COMPLIANT, REPLACE EXISTING POLE TO MEET CURRENT REQUIREMENTS.

- PROVIDE SUPPLEMENTAL "NO PARKING" PAVEMENT MARKING WITHIN EXISTING STRIPING AISLES. COORDINATE TIMING AND BUNDLING WITH DISTRICT IF WORK IS PERFORMED PRIOR TO THE SCOPE CONTAINED WITHIN THIS DOCUMENT SET.



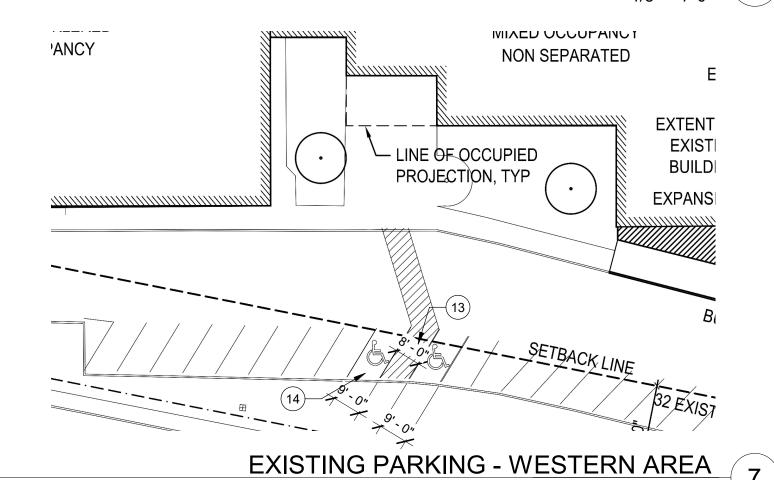


1/8" = 1'-0"





EXISTING PARKING CONDITION - WESTERN AREA



ORS 447.241 (25% ADA RULE) COMPLIANCE

EVERY PROJECT FOR RENOVATION, ALTERATION OR MODIFICATION TO AFFECTED BUILDINGS AND RELATED FACILITIES THAT AFFECTS OR COULD AFFECT THE USABILITY OF OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION SHALL BE MADE TO INSURE THAT, TO THE MAXIMUM EXTENT FEASIBLE, THE PATHS OF TRAVEL TO THE ALTERED AREA AND THE RESTROOMS, TELEPHONES AND DRINKING FOUNTAINS SERVING THE ALTERED AREA ARE READILY ACCESSIBLE TO AND USEABLE BY INDIVIDUALS WITH DISABILITIES, UNLESS SUCH ALTERATIONS ARE DISPROPORTIONATE TO THE OVERALL ALTERATIONS IN TERMS OF COST AND SCOPE.

OR ELEMENTS SERVING THE ALTERED AREA PROPOSED TO BE REMEDIATED WITHIN THIS

CURRENT REQUIREMENTS AT EXISTING ADA PARKING ACCESS AISLE (ODOT - STANDARDS FOR ACCESSIBLE PARKING - 2018)

FOLLOWING COMPLETION OF THIS PROJECT, NO ADDITIONAL BARRIERS ARE KNOWN

COMPLIANT WITH THE AMERICAN WITH DISABILITIES ACT TITLE III -SAFE HARBOR EXCEPTION FOR MEETING THE REQUIREMENTS OF ANSI A117.1-1991 AS MODIFIED AND CODIFIED BY CHAPTER 11 OF THE 1990 OSSC. THESE RESTROOMS ARE CONNECTED BY A COMPLIANT ACCESSIBLE ROUTE FROM ALL ALTERED AREAS WITHIN THIS PROJECT.

EXISTING NON-COMPLIANT ITEMS WITHIN THE PATH OF TRAVEL TO THE AFFECTED AREA(S)

NEW ACCESSIBLE PARKING SIGNAGE & PAVING MARKINGS TO MEET

WITHIN THE PROJECT AREA SUBJECT TO ORS 447.241.

NOTE THAT THE EXISTING STAFF RESTROOMS ON THE GROUND FLOOR ARE CONSIDERED

KEYED NOTES - FLOOR PLANS

1 ALIGN FACE OF ADJACENT FINISHES, TYPICAL.

2 PROVIDE NEW WALL TO INFILL EXISTING OPENING. ALIGN F.O. FINISHES WITH ADJACENT WALL AND TERMINATE AT UNDERSIDE OF (E) CEILING ABOVE. PROVIDE NEW PAINT AND WALLBASE, TYPICAL. GC TO ENSURE ABATEMENT OF HAZARDOUS MATERIAL MEETS DISCTIRCT'S STANDARD.

3 REMOVE (E) RELITE WINDOW AND INFILL WITH NEW GWB WALL, SEE TYPICAL ELEVATION FOR SCOPE AND DETAIL CALL OUTS. GC TO ENSURE ABATEMENT OF HAZARDOUS MATERIAL

MEETS DISCTIRCT'S STANDARD

4 REMOVE AND BLANK OFF (E) EXIT SIGN AT THIS DOOR, SEE ELECTRICAL 5 REMOVE (E) PANIC HARDWARE AT THIS DOOR. INSTALL NEW LEVER SET WITH "CLASSROOM" FUNCTION AND COORDIANTE NEW KEYING WITH DISTRICT TO MATCH

EXISTING BUILDING STANDARDS. PATCH, PUDDY, AND PAINT ANY EXPOSED ATTACHMENT POINTS FROM PREVIOUS EGRESS HARDWARE

6 INSTALL NEW HOLLOW METAL RELITE AT THIS LOCATION, SET B.O. FRAME AT 3'-2" AFF. 7 3" X 48" STAINLESS STEEL CORNER GUARD, MECHANICALLY FASTENED. TYPICAL OF ALL

FRAMED OPENING CORNERS.

8 SEE ELECTRICAL FOR WALL MOUNTED EMERGENCY LIGHTING

9 NEW EXIT SIGN, COORDINATE FINAL LOCATION WITH FIRE MARSHAL

10 INSTALL NEW 1.5KW ELECTRIC WALL HEATER WITHIN THIS AREA 13 PROVIDE TRAFFIC COATING "NO PARKING" MARKING AT EXISTING ADA ACCESS AISLE. 14 PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL, SEE SITE PLAN FOR TYPICAL

15 PROVIDE WOOD BLOCKING AT LIBRARY SIDE AT 36" AND 72" AFF FOR FUTURE WHITEBOARD.

SEE TYPICAL DETAIL ON A800.

16 INSTALL OWNER FURNISHED SIGNAGE AT THIS LOCATION. SEE NOTE ON A900 FOR PROJECT

17 INSTALL SALAVAGE CARPET FROM WALK OFF MAT AREA AT THIS LOCATION TO PATCH VOID FOLLOWING DEMOLITION.

18 FIELD LOCATE WALL TO BE ADJACENT TO REMOVED CASEWORK. CONFIRM CEILING CONDITION AVOIDS EXISTING LIGHTING OR OTHER (E) CEILING MOUNTED ITEMS. CONFIRM FINAL LOCATION WITH ARCHITECT THOUGH AN RFI.

19 PROVIDE SOLID WOOD BLOCKING FOR WALL DOOR STOPS, TYPICAL. 20 PROVIDE HORIZONTAL LOUVERED BLIND AT THIS RELITE, MATCH EXISTING BLINDS ON SITE.

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FOR DESIGN INTENT ONLY, NOT FOR

CONSTRUCTION

REVISIONS:

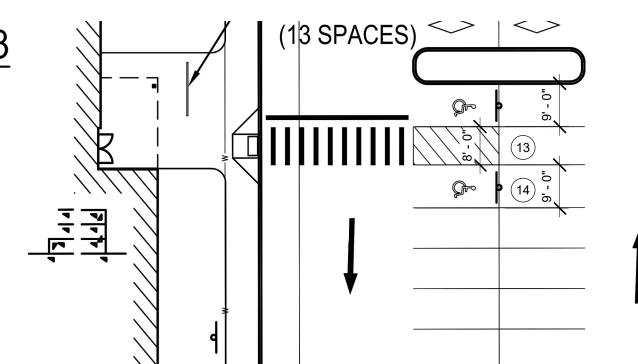
PROJECT: 21005.05 11/10/22

SITE PLAN & **ACCESSIBLE** PARKING

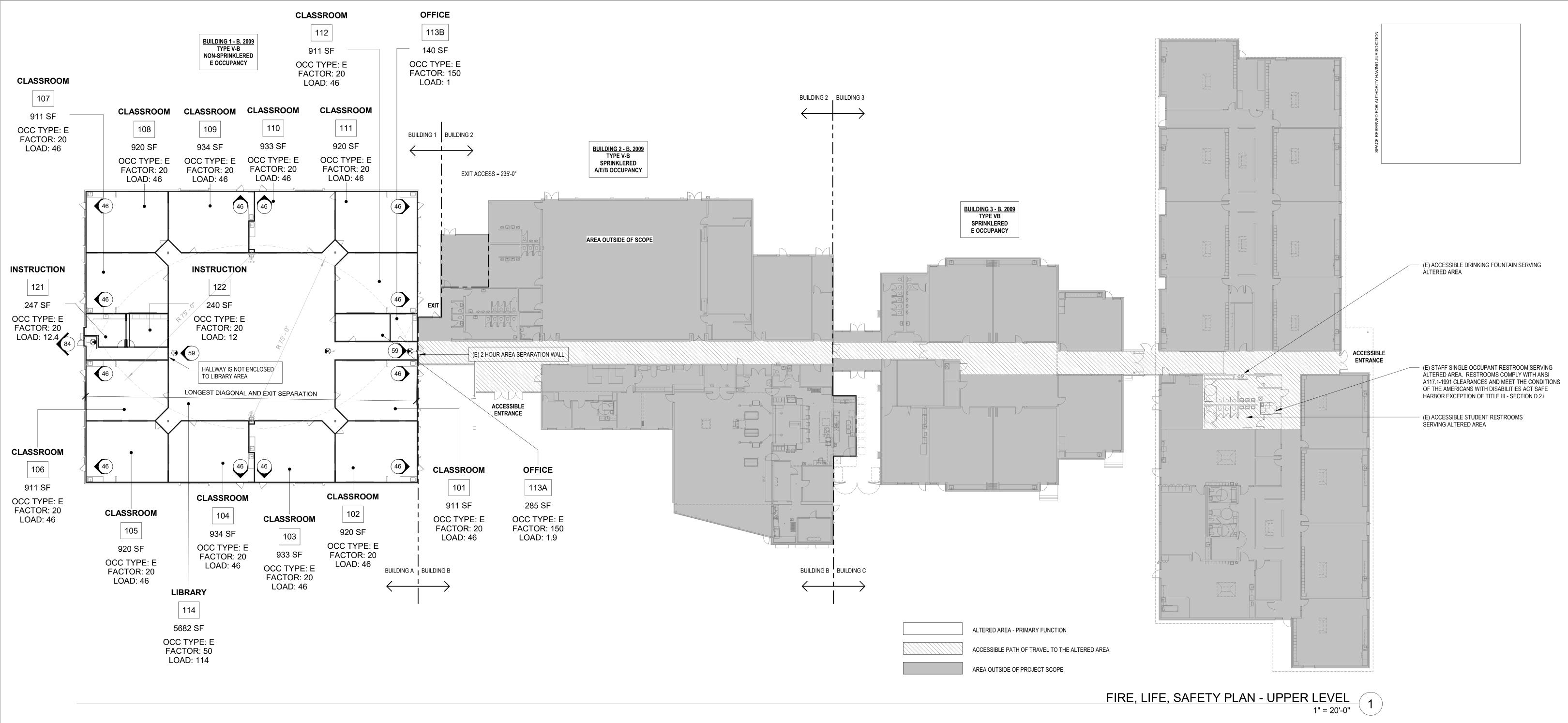
G151

ACCESSIBLE PARKING SCOPE SHOWN ON PLAN AND PHOTOGRAPH.

EXISTING PARKING CONDITION - SOUTHERN AREA



EXISTING PARKING - SOUTHERN AREA



CODE REQUIRED SIGANGE

- A. PROVIDE REQUIRED CODE REQUIRED SIGNAGE AS PRESCRIBED BY THE OREGON STRUCTURAL SPECIALTY CODE AND THE INTERNATIONAL FIRE CODE. COORDINATE LOCATION WITH ARCHITECT AND AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION.
- B. THE FOLLOWING ITEMS ARE TYPICALLY PROVIDED BY THE GENERAL CONTRACTOR, BUT MAY NOT EXHAUSTIVE OF ALL UNIQUE PROJECT REQUIREMENTS. COORDINATE EXTENT OF CODE REQUIRED SIGNAGE WITHIN THIS PROJECT WITH ARCHITECT OF RECORD PRIOR TO SUBSTANTIAL COMPLETION.
- C. OREGON SPECIALTY STRUCTURAL CODE BASED ON THE INTERNATIONAL BUILDING CODE (IBC)
 - OCCUPANT LOAD (1004.3) - TWO-WAY COMMUNICATION DEVICES (IBC 1007.8.2)
 - AREAS OF REFUGE (IBC 1007.9) - DELAYED EMERGENCY EXIT DOORS (IBC 1008.1.9)
 - KEY LOCKS ON EGRESS SIDE OF DOORS (IBC 1008.1.9) - EXIT SIGNAGE (IBC 1011.1) - FLOOR IDENTIFICATION (IBC 1022.8)
 - ACCESSIBILITY ELEMENTS AND DIRECTIONAL SIGNAGE (IBC 1110) - ELEVATOR EMERGENCY SIGNS (IBC 3002.3)
- D. OREGON FIRE CODE BASED ON THE INTERNATIONAL FIRE CODE (IFC)
- NO SMOKING (IFC 310.3)
 - PREMISES IDENTIFICATION (IFC 505.1)
 - FIRE PROTECTION EQUIPMENT SIGNS (IFC 509.1) - ELECTRICAL CONTROL ROOMS (IFC 605.3.1)
 - FIRE DOORS (IFC 703.2.1) - FIRE DEPARTMENT CONNECTIONS (IFC 912.4)

RATED ASSEMBLIES

- A. WHERE RATED ASSEMBLIES ARE SHOWN ON THE FLS PLAN, PROVIDE A UL OR GA LISTED RATED ASSEMBLY TO MEET THE FIRE RATING REQUIREMENTS TO THE ARCHITECT FOR
- B. PROVIDE A UL OR GA LISTED PERIMETER JOINT ASSEMBLY AND THROUGH PENETRATION FIRE STOP ASSMEMBLY MEETING THE FIRE RATED REQUIREMENT OF THE WALL, FLOOR/CEILING OR ROOF ASSMBLY SHOWN ON THE FLS PLANS.
- C. PROVIDE A SUBMITTAL CUTSHEET TO THE ARCHITECT OF EACH SELECTED FIRE RESISTANT ASSEMBLY PRIOR TO INSTALLATION.

EMERGENCY LIGHTING REQUIREMENTS

- A. MEANS OF EGRESS, INCLUDING EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE IS SERVED BY THE MEANS OF EGRESS.
- B. PROVIDE MINIMUM 1 FOOT-CANDLE OF ILLUMINATION AT ALL MEANS OF EGRESS. THE POWER SUPPLY FOR THE MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE BUILDINGS ELECTRICAL SUPPLY. IN THE EVENT OF A POWER FAILURE, THE EMERGENCY POWER SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT, OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH 2015 IBC SECTION 2702 AND 2015 IBC SECTION 1006.
- C. PRIOR TO FINAL INSPECTION, SUBMIT DOCUMENTATION SUBSTANTIATING THE COMPLETION OF TEST FOR THE MEANS OF EGRESS ILLUMINATION LEVEL PER 2015 IBC 1008.2.1, 1008.3 AND EMERGENCY POWER PER 1008.3.5.

FIRE LIFE SAFETY (BY GENERAL CONTRACTOR)

THE FOLLOWING ITEMS ARE FIRE LIFE SAFETY REQUIREMENTS TO BE COMPLETED BY THE GENERAL CONTRACTOR. PROVIDE THE APPROPRIATE SUBMITTAL TO THE ARCHITECT FOR REVIEW AND COORDINATION PRIOR TO SUBMITTING TO THE AUTHOROITY HAVING JURISDICTION.

DELEGATED DESIGN SUBMITTALS/PERMITS

- A. ITEMS LISTED AS A DEFERRED SUBMITTAL OR DESIGN BUILD ITEMS ON SHEET G001 REQUIRE ENGINEERING TO BE PROVIDED BY THE GENERAL CONTRACTOR.
- B. PROVIDE A COMPLETE AND ENGINEERED SYSTEM TO MEET THE DESIGN INTENT CONTAINED WITHIN THESE CONTRACT DOCUMENTS. PROVIDE A SUBMITTAL TO THE ARCHITECT FOR REVIEW OF DESIGN INTENT CONFORMANCE ONLY; THIS REVIEW DOES NOT CONSTITUTE A PROFESSIONAL PEER REVIEW OF THE SYSTEMS SUBMITTED.
- WHERE A LICENSED DESIGN PROFESSIONAL IS REQUIRED BY THE AUTHORITY HAVING JURISDICTION, THE GENERAL CONTRACTOR IS TO SECURE THESE SERVICES AND PROVIDE STAMPED DOCUMENTS TO MEET THE LOCAL REQUIREMENTS FOR A DEFERRED SUBMITTAL OR SEPARATE PERMIT.
- ADDITIONAL DEFERRED SUBMITTAL OR PERMIT FEES TO BE PAID BY THE GENERAL CONTRACTOR.

CODE SUMMARY

APPLICABLE CODES

ICC/ANSI A117.1 - 2009

2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC) 2021 OREGON ZERO ENERGY READY COMMERCIAL CODE (OSSC CHAPTER 13) 2019 OREGON MECHANICAL SPECIALTYCODE (OMSC)

2021 OREGON PLUMBING SPECIALTY CODE (OPSC) 2021 OREGON ELECTRICAL SPECIALTY CODE (OESC) 2019 OREGON FIRE CODE

WASHINGTON COUNTY MUNICIPAL CODE

CONSTRUCTION TYPE & USE (CHAPTERS 3,4 & 5)

BUILDING OCCUPANCY: E (EDUCATION)

CONSTUCTION TYPE: V-B (NON-SPRINKLERED, SEE FLS PLAN) STORIES: 1 ABOVE GRADE SEPARATION: NON-SEPARATED

FIRE-RESISTANT RATING REQUIREMENTS (CHAPTER 6)

PRIMARY STRUCTURAL FRAME: 0 HOURS 0 HOURS **EXTERIOR:**

BEARING WALLS: INTERIOR: NON BEARING WALLS AND PARTITIONS: EXTERIOR: INTERIOR:

FLOOR CONSTRUTION:

ROOF CONSTRUCTION:

0 HOURS SEE SHELL FLS PLANS 0 HOUR 0 HOURS 0 HOURS

INTERIOR FINISHES (CHAPTER 8)

ALL INTERIOR AND CEILING FINISH MATERIALS TO BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL 723 AND MEET THE FOLLOWING SMOKE-DEVELOPED INDEXES AS REQUIRED BY TABLE 803.9 BELOW:

INTERIOR EXIT STAIRWAYS, EXIT RAMPS AND EXIT PASSAGEWAYS: CLASS A CORRIDORS AND ENCLOSUES FOR EXIT STAIRWAYS AND RAMPS: CLASS B ROOMS AND ENCLOSED SPACES: CLASS C

MEANS OF EGRESS (CHAPTER 10)

1006.2.1 NUMBER OF EXITS: MORE THAN ONE EXIT IS REQUIRED FROM EACH TENANT SUITE IF THE OVERALL OCCUPANT LOAD IS GREATER THAN 49

1006.2.1 COMMON PATH OF EGRESS TRAVEL: THE MAXIMUM COMMON PATH OF EGRESS TRAVEL FOR OCCUPANCY GROUPS E SHALL NOT BE MORE THAN **75 FEET WITHOUT** AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 903.3.1.1

1007.1.1 EXIT DISTANCE: WHERE TWO EXITS ARE REQUIRED, THE SEPARATION DISNACE SHALL NOT BE LESS THAN 1/2 THE DIAGONAL <u>WITHOUT</u> AN AUTOMATIC SPRINKLER

1016.2 EXIT TRAVEL DISTANCE: MAXIMUM TRAVEL DISTANCE FOR OCCUPANCY E, NON-SPRINKLERED: 200'

1020.1 CORRIDOR FIRE-RESISTANCE RATING: (1) HOUR FIRE RESISTANT RATING IS REQUIRED FOR OCCUPANCY TYPES E FOR BUILDINGS <u>WITHOUT</u> AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 903.3.1.1

LEGEND - FLS PLANS

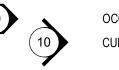
NOTE: PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS INDICATED BELOW:

1 HOUR FIRE PARTITION - 45 MINUTE DOOR 1 HOUR FIRE BARRIER - 60 MINUTE DOOR

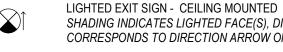
— — — — 2 HOUR FIRE BARRIER - 90 MINUTE DOOR 3 HOUR FIRE BARRIER - 20 MINUTE DOOR

EGRESS PATH OF TRAVEL WITH MINIMUM CLEARANCE WIDTH /// INDICATED. PROVIDE MINIMUM ILLUMINATION FOR EXITING. F - C.P. X' - X" - - COMMON PATH OF EGRESS TRAVEL (OSSC 1014.3)

 \vdash - $\xrightarrow{\text{E.A.}} \overrightarrow{\text{X'}} - \overrightarrow{\text{X''}} - - - \xrightarrow{\text{EXIT ACCESS DISTANCE (OSSC 1016)}}$



OCCUPANT LOAD AT OPENING CUMMALTIVE OCCUPANT LOAD AT OPENING



SHADING INDICATES LIGHTED FACE(S), DIRECTION ARROW CORRESPONDS TO DIRECTION ARROW ON SIGN



FIRE EXTINGUISHER CABINET - COORDINATE LOCATION WITH

FIRE MARSHAL

LIGHTED EXIT SIGN - WALL MOUNTED

HBX-STUDIO.COM FOR DESIGN INTENT ONLY, NOT FOR CONSTRUCTION

REVISIONS:

PROJECT: 21005.05 DATE:

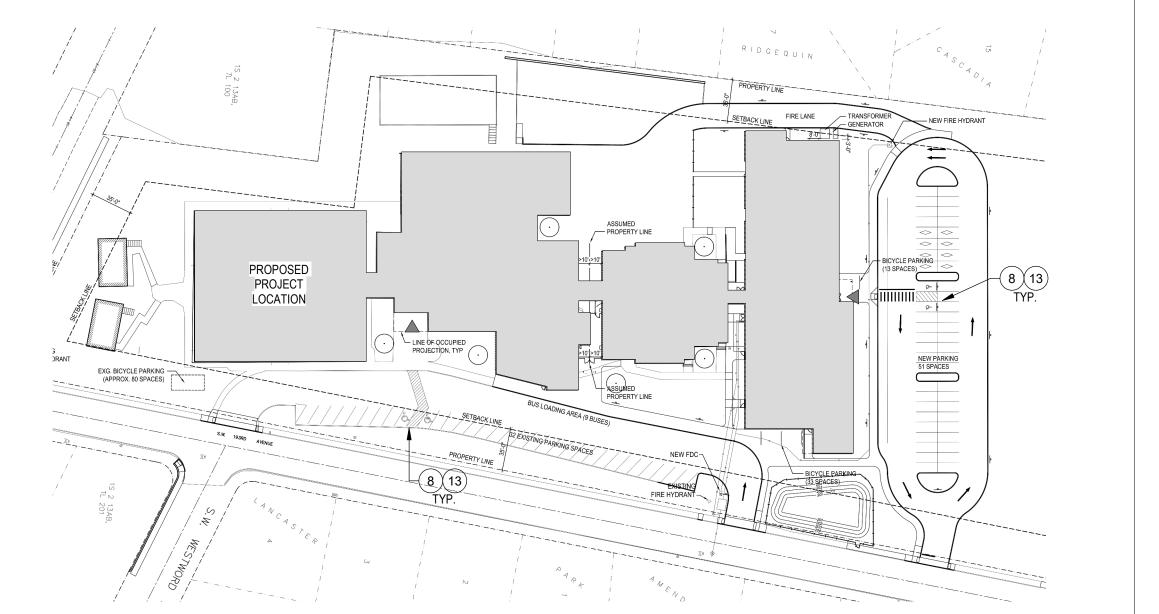
FIRE, LIFE & SAFETY PLAN

11/10/22

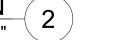
G152

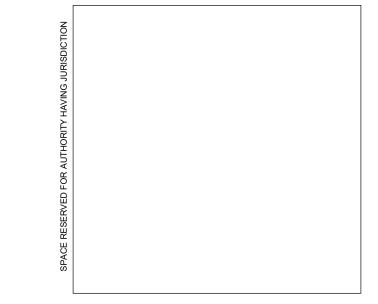
AREA OUTSIDE OF PROJECT SCOPE





ACCESSIBLE PARKING LOCATION
1" = 80'-0"
2





GENERAL NOTES - FLOOR PLAN

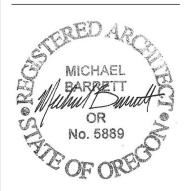
- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER JOINT ASSEMBLIES.
- C. REFER TO SHEET A800 FOR TYPICAL PARTITION DETAILS AND TYPES INCLUDING STUD FRAMING AND HEADER REQUIREMENTS.
- D. REFER TO SHEET A800 FOR REQUIRED USE OF MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD LOCATIONS.
- E. DIMENSIONS ARE TO FACE OF WALL/FINISH UNLESS OTHERWISE NOTED. ADVISE ARCHITECT IN WRITING OF ANY DISCREPANCIES PARTICUALY OF STATED INTEIROR CLEAR DIMENSIONS.
- F. WHERE DIMENSIONS ARE LISTED AS 'CRITICAL CLEAR' THESE DIMENSIONS MUST ABSULUTELY BE HELD FOR ADA OR EGRESS COMPLIANCE. DIMENSIONS LISTED WITH '+/-' TYPICALLY HAVE SOME CONSTRUCTION TOLERANCE.
- G. PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION.
- H. ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWCI STANDARDS.
- I. PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.

KEYED NOTES - FLOOR PLANS

- 1 ALIGN FACE OF ADJACENT FINISHES, TYPICAL.
- 2 PROVIDE NEW WALL TO INFILL EXISTING OPENING. ALIGN F.O. FINISHES WITH ADJACENT WALL AND TERMINATE AT UNDERSIDE OF (E) CEILING ABOVE. PROVIDE NEW PAINT AND WALLBASE, TYPICAL. GC TO ENSURE ABATEMENT OF HAZARDOUS MATERIAL MEETS DISCTIRCT'S STANDARD.
- 3 REMOVE (E) RELITE WINDOW AND INFILL WITH NEW GWB WALL, SEE TYPICAL ELEVATION FOR SCOPÉ AND DETAIL CALL OUTS. GC TO ENSURE ABATEMENT OF HAZARDOUS MATERIAL MEETS DISCTIRCT'S STANDARD.
- 4 REMOVE AND BLANK OFF (E) EXIT SIGN AT THIS DOOR, SEE ELECTRICAL.
- 5 REMOVE (E) PANIC HARDWARE AT THIS DOOR. INSTALL NEW LEVER SET WITH "CLASSRÒÓM" FUNCTION AND COORDIANTE NEW KEYING WITH DISTRICT TO MATCH EXISTING BUILDING STANDARDS. PATCH, PUDDY, AND PAINT ANY EXPOSED ATTACHMENT POINTS FROM PREVIOUS EGRESS HARDWARE
- 6 INSTALL NEW HOLLOW METAL RELITE AT THIS LOCATION, SET B.O. FRAME AT 3'-2" AFF. 7 3" X 48" STAINLESS STEEL CORNER GUARD, MECHANICALLY FASTENED. TYPICAL OF ALL
- FRAMED OPENING CORNERS.
- 8 SEE ELECTRICAL FOR WALL MOUNTED EMERGENCY LIGHTING
- 9 NEW EXIT SIGN, COORDINATE FINAL LOCATION WITH FIRE MARSHAL.
- 10 INSTALL NEW 1.5KW ELECTRIC WALL HEATER WITHIN THIS AREA
- 13 PROVIDE TRAFFIC COATING "NO PARKING" MARKING AT EXISTING ADA ACCESS AISLE. 14 PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL, SEE SITE PLAN FOR TYPICAL
- 15 PROVIDE WOOD BLOCKING AT LIBRARY SIDE AT 36" AND 72" AFF FOR FUTURE WHITEBOARD.
- SEE TYPICAL DETAIL ON A800. 16 INSTALL OWNER FURNISHED SIGNAGE AT THIS LOCATION. SEE NOTE ON A900 FOR PROJECT
- 17 INSTALL SALAVAGE CARPET FROM WALK OFF MAT AREA AT THIS LOCATION TO PATCH VOID
- FOLLOWING DEMOLITION. 18 FIELD LOCATE WALL TO BE ADJACENT TO REMOVED CASEWORK. CONFIRM CEILING CONDITION AVOIDS EXISTING LIGHTING OR OTHER (E) CEILING MOUNTED ITEMS. CONFIRM
- FINAL LOCATION WITH ARCHITECT THOUGH AN RFI. 19 PROVIDE SOLID WOOD BLOCKING FOR WALL DOOR STOPS, TYPICAL.

20 PROVIDE HORIZONTAL LOUVERED BLIND AT THIS RELITE, MATCH EXISTING BLINDS ON SITE.

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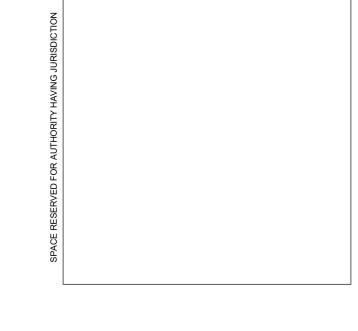


REVISIONS:

PROJECT: 21005.05 DATE: 11/10/22

OVERALL FLOOR PLAN

A051



GENERAL NOTES - FLOOR PLAN

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER
- C. REFER TO SHEET A800 FOR TYPICAL PARTITION DETAILS AND TYPES INCLUDING STUD FRAMING AND HEADER REQUIREMENTS.
- D. REFER TO SHEET A800 FOR REQUIRED USE OF MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD LOCATIONS.
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- G. PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION.
- H. ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWCI STANDARDS.
- I. PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.

LEGEND - FLOOR PLANS

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ΓUD
EADEF
RACK

NOTE: WHEN INFILLING NEW WALLS AT EXISTING WOOD FRAMING, USE 3 1/2" (350S) STUDS IN LIEU OF 3 5/8" STUDS TO ALIGN F.O. FINISHES

KEYED NOTES - FLOOR PLANS

- 1 ALIGN FACE OF ADJACENT FINISHES, TYPICAL.
- 2 PROVIDE NEW WALL TO INFILL EXISTING OPENING. ALIGN F.O. FINISHES WITH ADJACENT WALL AND TERMINATE AT UNDERSIDE OF (E) CEILING ABOVE. PROVIDE NEW PAINT AND WALLBASE, TYPICAL. GC TO ENSURE ABATEMENT OF HAZARDOUS MATERIAL MEETS DISCTIRCT'S STANDARD.
- 3 REMOVE (E) RELITE WINDOW AND INFILL WITH NEW GWB WALL, SEE TYPICAL ELEVATION FOR SCOPE AND DETAIL CALL OUTS. GC TO ENSURE ABATEMENT OF HAZARDOUS MATERIAL MEETS DISCTIRCT'S STANDARD
- 4 REMOVE AND BLANK OFF (E) EXIT SIGN AT THIS DOOR, SEE ELECTRICAL
- 5 REMOVE (E) PANIC HARDWARE AT THIS DOOR. INSTALL NEW LEVER SET WITH "CLASSROOM" FUNCTION AND COORDIANTE NEW KEYING WITH DISTRICT TO MATCH EXISTING BUILDING STANDARDS. PATCH, PUDDY, AND PAINT ANY EXPOSED ATTACHMENT POINTS FROM PREVIOUS EGRESS HARDWARE
- 6 INSTALL NEW HOLLOW METAL RELITE AT THIS LOCATION, SET B.O. FRAME AT 3'-2" AFF. 7 3" X 48" STAINLESS STEEL CORNER GUARD, MECHANICALLY FASTENED. TYPICAL OF ALL FRAMED OPENING CORNERS.
- 8 SEE ELECTRICAL FOR WALL MOUNTED EMERGENCY LIGHTING
- 9 NEW EXIT SIGN, COORDINATE FINAL LOCATION WITH FIRE MARSHAL.
- 10 INSTALL NEW 1.5KW ELECTRIC WALL HEATER WITHIN THIS AREA 13 PROVIDE TRAFFIC COATING "NO PARKING" MARKING AT EXISTING ADA ACCESS AISLE. 14 PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL, SEE SITE PLAN FOR TYPICAL
- 15 PROVIDE WOOD BLOCKING AT LIBRARY SIDE AT 36" AND 72" AFF FOR FUTURE WHITEBOARD. SEE TYPICAL DETAIL ON A800.
- 16 INSTALL OWNER FURNISHED SIGNAGE AT THIS LOCATION. SEE NOTE ON A900 FOR PROJECT

17 INSTALL SALAVAGE CARPET FROM WALK OFF MAT AREA AT THIS LOCATION TO PATCH VOID

- FOLLOWING DEMOLITION. 18 FIELD LOCATE WALL TO BE ADJACENT TO REMOVED CASEWORK. CONFIRM CEILING CONDITION AVOIDS EXISTING LIGHTING OR OTHER (E) CEILING MOUNTED ITEMS. CONFIRM FINAL LOCATION WITH ARCHITECT THOUGH AN RFI.
- 19 PROVIDE SOLID WOOD BLOCKING FOR WALL DOOR STOPS, TYPICAL.

20 PROVIDE HORIZONTAL LOUVERED BLIND AT THIS RELITE, MATCH EXISTING BLINDS ON SITE.

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REVISIONS:

DATE: 11/10/22

21005.05

ENLARGED FLOOR PLAN -**BUILDING 1**

A151

PROJECT:

5' - 0"__ VIF. CLASSROOM CLASSROOM 112 3 15 HAZAROUS MATERIAL ABATEMENT REQUIRED -REFER TO 01 40 00 - QUALITY REQUIREMENTS FOR COORIDNATION WITH THE DISTRICT'S ASBESTOS ABATEMETN CONSULTANT (AAC) AND ATTACHEMENT A - ASBESTOS ABATEMENT CONTRACTOR BID DOCUMENT FOR REMEDIATION SCOPE. OFFICE 113A 113B 114 TYPICAL FINISH SCOPE (DOTTED LINE):
PRESERVE EXISTING RUBBER BASE, PAINT ALL SURFACES DESIGNED WITH A DOTTED LINE INCLUDING INFILLED WINDOWS AND ADJACENT WALL SURFACES TO AN INSIDE CORNER. 3 15 (DESIGNATED BY DOTTED LINE) 5' - 0" VIF. INFILL CLASSROOM 104 TYPICAL CLASSROOM SCOPE. PROVIDE NEW RUBBER BASE FOR ENTIRE LENGTH OF CLASSROOM WALL WHEN INFILL WALL OCCURS, PAINT FULL CLASSROOM HEIGHT OF WALL WHERE DESIGNED BY A DOTTED 102 105 LINE TO AN INSIDE CORNER. (DESIGNATED BY DASHED LINE)

CLASSROOM

CLASSROOM

ENLARGED FLOOR PLAN - NEW CLASSROOMS 1

GC TO ENSURE ABATEMENT OF HAZARDOUS MATERIAL MEETS DISTRICT'S STANDARD

CLASSROOM

FINISH SCHEDULE

NOTE - INSTALL ALL FINISHES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

CLASSROOM

09 91 00 - PAINTS AND COATINGS

PT-1 - WHITE: COLOR: MATCH (E) CLASSROOM WALLS LOCATIONS: NEW READING ROOMS & CORRIDOR, PATCH AT CLASSROOM INTERIORS

PT-2 - BRONZE COLOR: MATCH (E) DOOR FRAMES LOCATIONS: NEW DOOR FRAMES

COLOR: MATCH (E) LIBRARY DOORS LOCATIONS: NEW DOOR FRAMES

09 65 00 - RESILIENT FLOORING & BASE

PRODUCT: RUBBER COVE BASE COLOR: MATCH EXISTING BASE @ WHITE WALLS LOCATIONS: CLASSROOM INTERIORS

RB-3 - BROWN: PRODUCT: RUBBER COVE BASE COLOR: MATCH EXISTING BASE

<u>09 68 16 - SHEET CARPETING</u> (E) CPT - EXISTING CARPET:

NOTES: INSTALL SALAVAGE CARPET AT WALL INFILL FROM REMOVED PORTION AT WALK OFF

WOM - WALK OFF MAT: STYLE: SUPER NOP 52

COLOR: GARNET

@ YELLOW WALLS LOCATIONS: COMMON INFILL WALLS

READING ROOM - DEMOLITION PLAN

3

PRESERVE (E) LIGHT FIXTURE, ADJUST CIRCUITING ACCOMMODATE NEW SWITCHING WITHIN INSTRUCTIONAL ROOMS. REMOVE (E) LIGHT FIXTURE, TYPICAL (E)ACT-1 10' - 0" ZZZZZZZZZZ EXTENTS OF NEW PARTITION, ADD BLOCKING AND TOP OF WALL BRACING ABOVE (E) CEILING A801

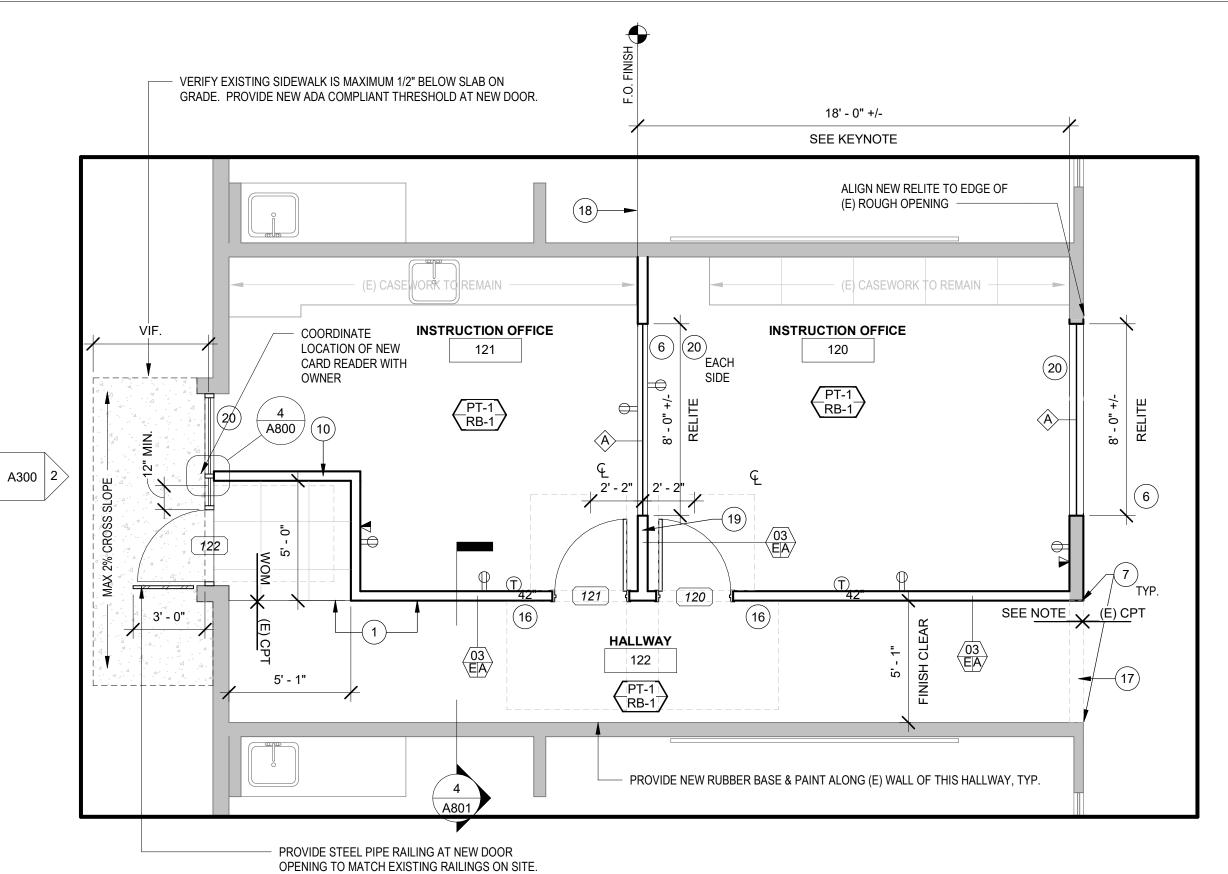
READING ROOM - DEMOLITION RCP

1/4" = 1'-0"

LIGHTING - 26 50 00

L-1: RECESSED TROFFER MANUFACTURER: LITHONIA TYPE: 2' x 2' TROFFER PRODUCT: SEE ELECT. SIZE: 24" x 24" FINISH: WHITE COLOR TEMP: MATCH EXISTING LOCATION: SEE RCP, MATCH EXISTING TROFFERS

L-2: EXTERIOR SURFACE MANUFACTURER: LITHONIA TYPE: SURFACE CEILING-MOUNT PRODUCT: OLCFM FINISH: DARK BRONZE COLOR TEMP: 4000K LOCATION: @ NEW EXIT DOOR



ENLARGED FLOOR PLAN - READING ROOM 1/4" = 1'-0"

WITHIN EXISTING READING INSTRUCTION ROOM, PRESERVE ALL EXISTING

INSULATION ABOVE THE EXISTING CEILING. WHERE INSULATION IS DISTURBED INSTALL NEW CEILING TILE (OFCI) TILE AT FOR INSTALLATION OF NEW PARTITION OR OTHER ITEM, REINSTALL OR DEMOLISHED LIGHT FIXTURE TO MATCH SUPPLEMENT WITH NEW INSULATION TO CREATE A UNIFORM LAYOUT MINIMUM 3 EXISTING ADJACENT CEILING TILES NEW SWITCH WITH OCCUPANCY SENSOR TO EXISTING LIGHTING, RECONFIGURE CIRCUITS TO SPLIT LIGHTING WITHIN NEW ROOMS NEW TRANSFER GRILL & DUCT, RE: MECHANICAL (E)ACT-1 10' - 0" NEW SUPPLY GRILL, RE: MECHANICAL

ENLARGED REFLECTED CEILING PLAN - READING ROOM
1/4" = 1'-0"
2

KEYED NOTES - FLOOR PLANS

PAINT TO MATCH (E). SEE PHOTO ON A800 FOR

EXISTING CONDITIONS AND BIDDING SCOPE.

- 1 ALIGN FACE OF ADJACENT FINISHES, TYPICAL. PROVIDE NEW WALL TO INFILL EXISTING OPENING. ALIGN F.O. FINISHES WITH ADJACENT WALL AND TERMINATE AT UNDERSIDE OF (E) CEILING ABOVE. PROVIDE NEW PAINT AND WALLBASE, TYPICAL. GC TO ENSURE ABATEMENT OF HAZARDOUS MATERIAL MEETS
- DISCTIRCT'S STANDARD. REMOVE (E) RELITE WINDOW AND INFILL WITH NEW GWB WALL, SEE TYPICAL ELEVATION FOR SCOPE AND DETAIL CALL OUTS. GC TO ENSURE ABATEMENT OF HAZARDOUS MATERIAL MEETS DISCTIRCT'S STANDARD
- REMOVE AND BLANK OFF (E) EXIT SIGN AT THIS DOOR, SEE ELECTRICAL. REMOVE (E) PANIC HARDWARE AT THIS DOOR. INSTALL NEW LEVER SET WITH "CLASSROOM" FUNCTION AND COORDIANTE NEW KEYING WITH DISTRICT TO MATCH EXISTING BUILDING STANDARDS. PATCH, PUDDY, AND PAINT ANY EXPOSED ATTACHMENT
- INSTALL NEW HOLLOW METAL RELITE AT THIS LOCATION, SET B.O. FRAME AT 3'-2" AFF. 3" X 48" STAINLESS STEEL CORNER GUARD, MECHANICALLY FASTENED. TYPICAL OF ALL FRAMED OPENING CORNERS.

POINTS FROM PREVIOUS EGRESS HARDWARE

KEYED NOTES - FLOOR PLANS

8 SEE ELECTRICAL FOR WALL MOUNTED EMERGENCY LIGHTING

- 9 NEW EXIT SIGN, COORDINATE FINAL LOCATION WITH FIRE MARSHAL.
- 10 INSTALL NEW 1.5KW ELECTRIC WALL HEATER WITHIN THIS AREA
- 13 PROVIDE TRAFFIC COATING "NO PARKING" MARKING AT EXISTING ADA ACCESS AISLE.
- 14 PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL, SEE SITE PLAN FOR TYPICAL
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- CONDITION AVOIDS EXISTING LIGHTING OR OTHER (E) CEILING MOUNTED ITEMS. CONFIRM FINAL LOCATION WITH ARCHITECT THOUGH AN RFI.

19 PROVIDE SOLID WOOD BLOCKING FOR WALL DOOR STOPS, TYPICAL. 20 PROVIDE HORIZONTAL LOUVERED BLIND AT THIS RELITE, MATCH EXISTING BLINDS ON SITE.

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MICHAEL

BARRETT OR OR No. 5889

REVISIONS:

GENERAL NOTES - REFLECTED CEILING PLANS

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. LIGHTING SHOWN IS FOR DESIGN INTENT ONLY. THE GENERAL CONTRACTOR IS REQUIRED TO PROVIDE A COMPLETE LIGHTING SYSTEM THAT MEETS ALL LOCAL REGULATORY CODES. REFER TO G001 FOR DESIGN BUILD REQUIREMENTS, G101 FOR EMERGENCY LIGHTING REQUIREMENTS AND THE LOCAL ENERGY CODE FOR DAYLIGHT
- C. DESIGN REQUIREMENT FOR ALL CEILINGS MUST MEET THE REQUIREMENTS OF THE 2015 INTERNATIONAL BUILDING CODE FOR SEISMIC CATEGORIES D, E & F, ASCE 7-02, OR-05, OR CISCA RECORDATION FOR SEISMIC ZONES 3 & 4 OR TO THE LOCAL REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. SEE GENERAL NOTES ON A810 FOR DESIGN
- D. COORDINATE ALL SWITCHING WITH OWNER FOR PREFERRED LOCATIONS.
- ALL OFFICES AND INDIVIDUAL ROOMS TO BE SWITCHED INDEPENDENTLY. PROVIDE AN OCCUPANCY SENSOR TO ALL ENCLOSED ROOMS.
- COORDINATE OPEN AREA SWITCHING WITH THE TENANT FOR PREFERRED LOCATIONS.
- COORDINATE FINAL LOCATION OF PENDANTS WITH FURNITURE. VERIFY LOCATION WITH OWNER OR DESIGNER PRIOR TO FINAL PLACEMENT.
- WHERE ACCENT LIGHTING IS DESIGNATED, SEPARATE SWITCHING IS PROPOSED AND DESIGNATED BY DASHED LINES WITHIN THIS DRAWING.
- E. CENTER ALL FIXTURES AND SPRINKLER HEADS WITHIN CEILING TILES, ALIGN RECESSED FIXTURES AND SPRINKLER SYSTEMS.
- F. WHERE LIGHTING FIXTURES ARE PROPOSED WITHIN ROOMS WITH AN OPEN CEILING, PROVIDE SUFFICIENT SUPPORT SUCH AS UNISTRUT OR TIE WIRES TO SUSPEND FIXTURES
- G. WITHIN NON-ACT CEILINGS (I.E. HARDLID), PROVIDE THE FOLLOWING:

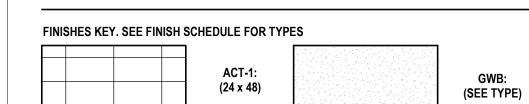
AT 9'-6" AFF UNLESS NOTED OTHERWISE.

SPRINKLER HEADS: **HVAC GRILLS:** ACCESS PANELS:

FULLY CONCEALED, COLOR TO MATCH CEILING LINEAR DIFFUSERS AND RETURNS FULLY FLUSH RECESSED

- H. WHERE CEILINGS RECEIVE A FINISH OTHER THAN WHITE PAINT OR MANUFACTURER'S ACT. PROVIDE WALL MOUNTED STROBES, HORNS, EGRESS SIGNS OR OTHER CODE REQUIRED
- I. SEE SECTION 01 91 13 GENERAL COMMISIONING REQUIREMENTS FOR MECHANICAL AND CONTROL SCOPE TO BE COMISSIONED.

LIGHTING AND CEILING MATERIALS - LEGEND



WALL BRACING KEY - REFER TO PARTITION DETAILS

COMPOSITE WALL TO PARTITION TRACK - SEE WALL DETAIL C/A800. BRACED WALL, BELOW GWB HEADER - SEE WALL DETAIL B/A800.

□ ______ BRACED WALL, BELOW TILE CEILING - SEE WALL DETAIL A/A800.

EXISTING WALLS

CEILING TAG



-CEILING HEIGHT AFF LIGHTING & FIXTURE KEY. SEE SPECIFICATIONS AND ELEVATIONS FOR DETAILS

LIGHTING TAG - SEE SCHEDULE **EXISTING TROFFER** EXISTING LINEAR PENDANT - 96"

THERMOSTAT SEE MECHANICAL

EXIT LIGHT (BATTERY BACKUP) -LOCATION ARROW DESIGNATES DIRECTION **D** = DIMABLE

96" CEILING 3 = 3-WAY SWITCH HVAC SYMBOLS. SEE MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILS

CONCTRACTOR TO REPLACE CEILING TILE AND GRID TO THE EXTENT REQUIRED TO ACCOMMODATE NEW DUCT WORK.

OS = OCCUPANCY SENSOR

EXISTING SUPPLY DIFFUSER

HVAC ELEMENT TO BE

OUTLET LOCATION - ABOVE

DEMOLISHED

SROOM

21005.05 PROJECT: DATE:

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ENLARGED PLANS - READING ROOM

11/10/22

A162

B. ELEVATIONS SHOW GENERAL DESIGN CONCEPTS FOR SIDING MATERIALS, TRIM LOCATIONS AND WINDOW OPENINGS. GENERAL CONTRACTOR TO COORDINATE INTERSECTION AND SEQUENCING OF ALL MATERIALS AND VERIFY EXISTING CONDITIONS

C. GENERAL CONTRACTOR TO REMOVE (E) TRIM PIECES AND PROJECTIONS BEYOND THE PLANE OF THE EXISTING SHEATHING TO ALLOW THE INSTALLATION OF NEW SIDING

D. GENERAL CONTRACTOR TO COORDINATE REMOVAL AND REINSTALLATION OF ALL MECHANICAL, ELECTRICAL AND PLUMBING PENETRATIONS TO ALLOW THE INSTALLATION OF NEW SIDING MATERIAL. WHERE PENETRATIONS EXIST, PROVIDE FIBER CEMENT BLOCKING BEHIND ITEMS AND MAINTAIN AIR BARRIER CONTINUANCE AROUND ALL

MAINTAIN AIR BARRIER CONTINUANCE AT THE EXTERIOR OF THE BUILDING. SEAL ALL

F. UNLESS NOTED OTHERWISE, ALL NEW SIDING MATERIALS TO BE INSTALLED ON

G. FOLLOW SIDING MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS FOR APPLICATION OF ALL CLADDING OR SIDING MATERIALS INCLUDING PROVIDING ADDITIONAL METAL FLASHING AT LEDGES AND AT INTERSECTIONS AND CUT PANELS. PROVIDE ATTACHMENT CLIPS OR OTHER FASTENERS AS REQUIRED TO MEET THE

H. AT SOFFIT REPLACEMENT, PROVIDE MINIMUM AIRFLOW THROUGH NEW SOFFIT VENTS AS SHOWN WITHIN PLANS AND DETAILS. MAINTAIN FREE AIR FLOW BETWEN SOFFIT

I. INSTALL NON-CORROSIVE FLASHING AT THE, BUT NOT LIMITED TO, FOLLOWING

a. AT THE TOP OF ALL EXTERIOR WINDOW AND DOOR OPENINGS WITH END DAMS TO PROPERTY SHED WATER OUT OF THE WALL CAVITY.

c. CONTINUOUSLY ABOVE ALL PROJECTING WOOD OR FIBER CEMENT TRIM.

ATTACH TO A WALL OR FLOOR ASSEMBLY.

AT BUILT-IN GUTTERS, SCUPPER BOXES, AND DOWNSPOUT CONNECTIONS.

EXISTING BUILDING COMPLIANCE (IEBC)

THE FOLLOWING ITEMS DESCRIBED PRESCRIPTIVE COMPLIANCE PATH REQUIREMENTS FOR THE PROJECT TO MEET CHAPTER 3 AND CHAPTER 5 REQUIREMENTS OF THE 2018 INTERNATIONAL BUILDING CODE REFERENCED THROUGH CHAPTER 34 OF THE OREGON SPECIALTY STRUCTURAL CODE.

CHAPTER 5 - PRESCRIPTIVE COMPLIANCE

THIS PROJECT PROPOSES USING THE PRESCRIPTIVE COMPLIANCE METHOD OUTLINED IN CHAPTER 5 OF THE 2018 INTERNATIONAL EXISTING BUILDING CODE (IEBC) AS MODIFIED BY

A. THIS PROJECT SHALL MEET THE REQUIREMENTS OF CHAPTER 5 (PRESCRIPTIVE COMPLIANCE METHOD) OF THE INTERNATIONAL EXISTING BUILDING CODE. NO PORTION OF THIS PROJECT SHALL ALTER THE EXISTING BUILDING TO BECOME LESS SAFE THAN

B. ALTERNATIONS (503): ALTERATIONS TO EXISTING BUILDINGS SHALL COMPLY WITH CURRENT BUILDING CODE FOR NEW CONSTRUCTION. a. STRUCTURAL ELEMENTS - GRAVITY LOAD - LOADS ON EXISTING STRUCTURAL

b. STRUCTURAL ELEMENTS - LATERAL LOADS - ADDITIONAL LOADS LESS THAN 10% ON THE DEMAND-CAPACITY RATIO OF EXISTING ELEMENTS MAY BE IGNORED.

RESCUE OPENINGS SHALL BE OPERATIONAL FROM THE INSIDE OF THE ROOM

a. NO CHANGES OF OCCUPANCY SHALL BE MADE UNLESS THAT BUILDING IS MADE TO COMPLY WITH THE REQUIREMENTS OF THE BUILDING CODE FOR THAT USE OR OCCUPANCY. CHANGES OF OCCUPANCY SHALL NOT MAKE THE BUILDING LESS COMPLIANT WITH CODE REQUIREMENTS THAN IT WAS PRIOR TO THE CHANGE.

GENERAL NOTES - EXTERIOR ELEVATIONS

A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.

PENETRATIONS.

PENETRATIONS WITH SELF ADHERED FLASHING AT THE EXTERIOR, LIQUID APPLIED FLASHING AT ROUGH OPENINGS AND SPRAY FOAM INSULATION AT THE INTERIOR.

PRESSURE TREATING 1/2" PLYWOOD FURRING, MINIMUM 2" IN WIDTH. PROVIDE BUG SCREENS AT THE TOP AND BOTTOM OF ALL RAINSCREEN CAVITIES.

MANUFACTURER'S INSTALLATION INSTRUCTIONS.

VENT THROUGH FULL VENTILATED ATTIC.

b. UNDER AND AT THE ENDS OF MASONRY, WOOD OR METAL COPINGS AND SILLS.

d. WHERE EXTERIOR FEATURES SUCH AS PORCHES, DECKS, CANOPIES, OR STAIRS

e. AT ALL WALL, CURB, ROOF AND PARAPET INTERSECTIONS.

g. AS SHOWN WITHIN PROVIDED BUILDING DETAILS.

CHAPTER 34 OF THE OSSC.

ITS EXISTING CONDITION.

ELEMENTS CARRYING GRAVITY LOADS SHALL NOT BE INCREASED MORE THAN 5%

C. WINDOWS AND EMERGENCY ESCAPE OPENINGS (505): a. REPLACEMENT WINDOW OPENING CONTROL DEVICE (505.2) - WITHIN R-2 OCCUPANCIES, WINDOW OPENING CONTROL DEVICES COMPLYING ASTM F2090

OR WILL NEED TO BE STRENGTHENED.

EXTERIOR WALL - NEW EXIT 2/9" - 1'.0" 2

3/8" = 1'-0"

SHALL BE INSTALLED WHERE AN EXISTING WINDOW IS REPLACED. a. EMERGENCY ESCAPE AND RESCUE OPENINGS (505.4) - EMERGENCY ESCAPE AND

WITHOUT THE USE OF KEYS OR TOOLS. D. CHANGE OF OCCUPANCY (506):

S

SCHOOL

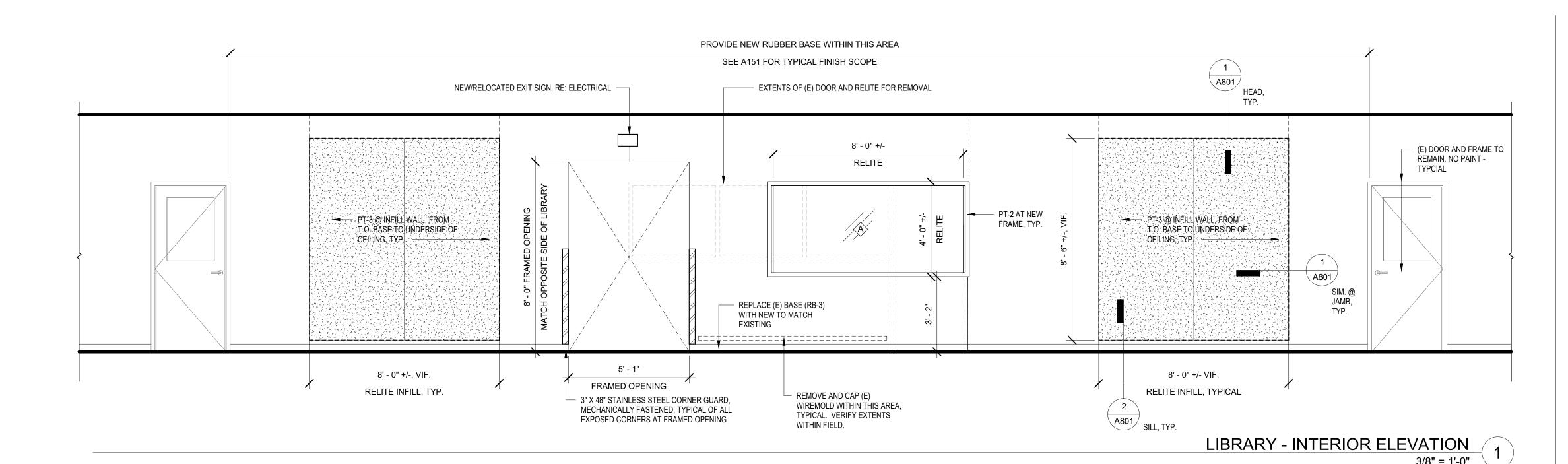
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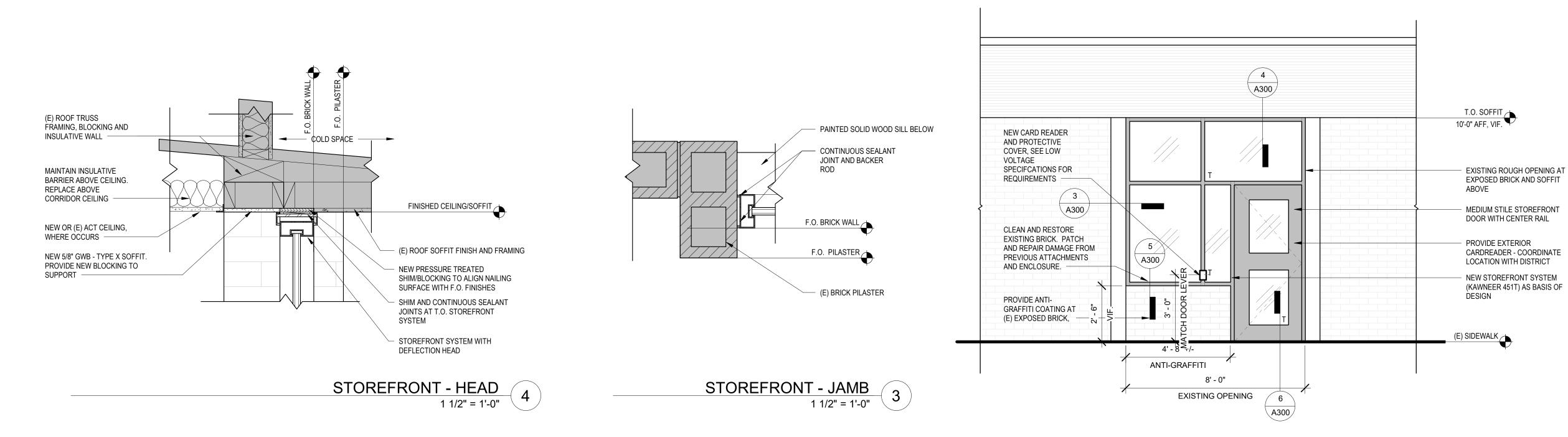
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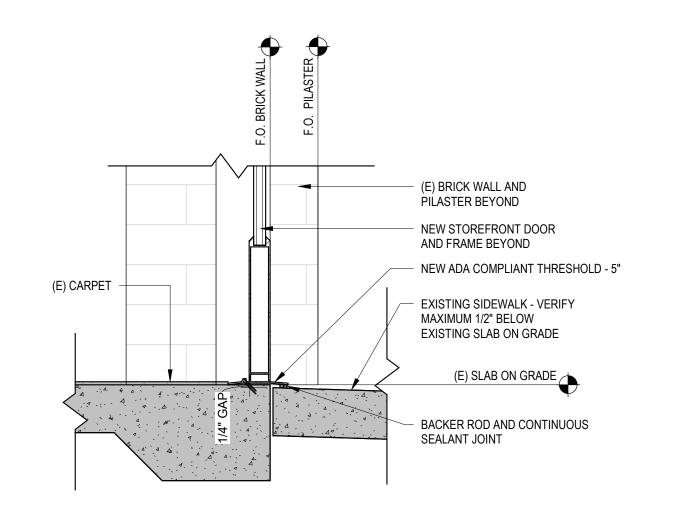
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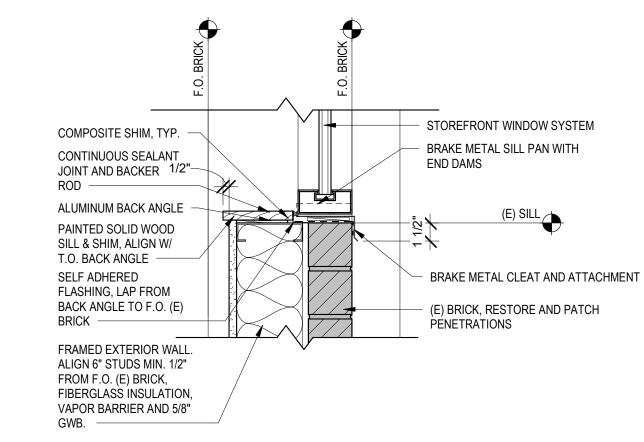
PROJECT: 21005.05 DATE: 11/10/22

EXTERIOR ELEVATIONS & DETAILS A300











STOREFRONT - BRICK SILL
1 1/2" = 1'-0"

5

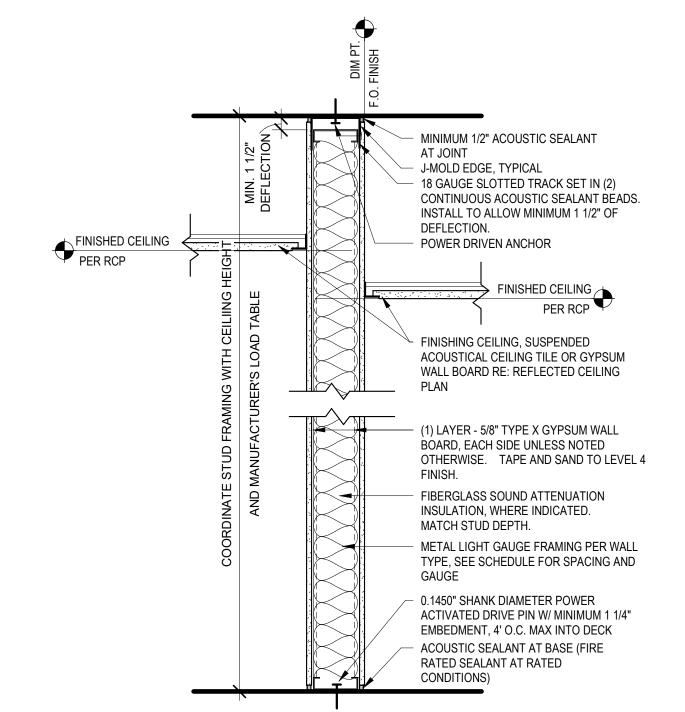


CROSS BRACING PER WALL

2" WIDE NEOPRENE TAPE BETWEEN

TYPE OR STRUCTURAL

DRAWINGS, TYP.



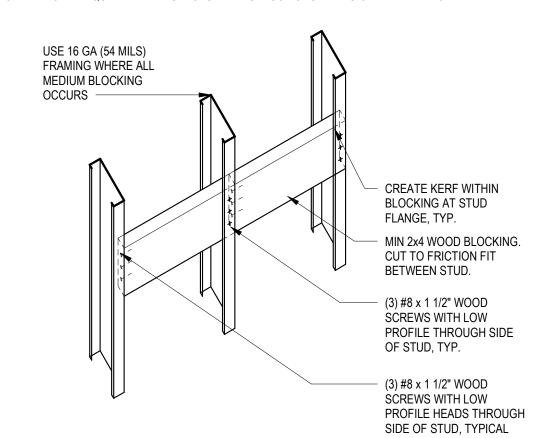
BLOCKING NOTES:

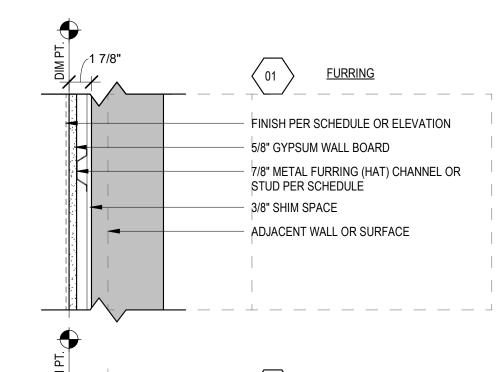
CONTRACTOR TO COORDINATE WOOD BLOCKING WITH LOCATIONS OF ALL EQUIPMENT OR DEVICES

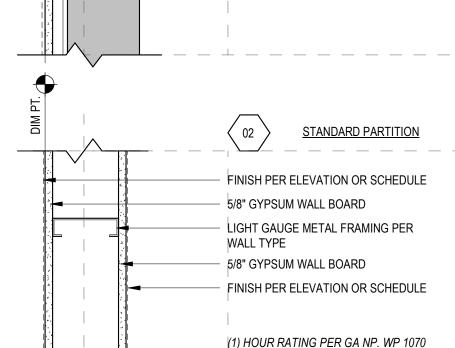
EXTEND WOOD BLOCKING ACROSS A MINIMUM OF (3) STUDS, EXTEND FOR FULL LENGTH OF INFILL WALLS U.N.O.

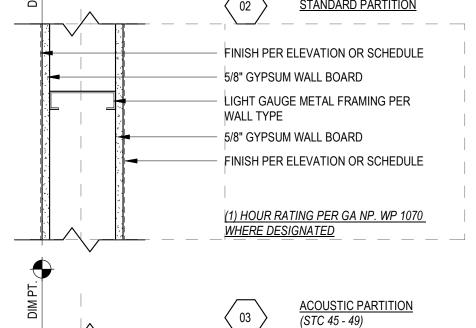
EXTEND WOOD BLOCKING TO MINIMUM ONE STUD BEYOND EXTENT OF CABINETRY OR WALL-HUNG EQUIPMENT 4. KERF WOOD BLOCKING AT STUD FLANGE TO ALIGN F.O. BLOCKING WITH F.O. METAL STUD

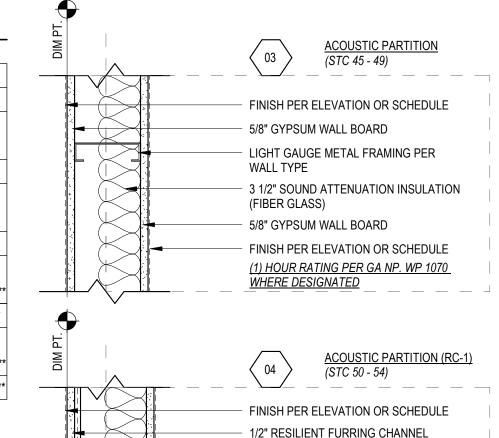
NOTE: CONTRACTOR OPTION TO USE SCAFCO KB- WALL SUPPORT BACKING (KWIK-BACK) BRACKET OR APPROVED EQUAL PER MANUFACTURER INSTRUCTIONS IN LIEU OF DETAIL BELOW.







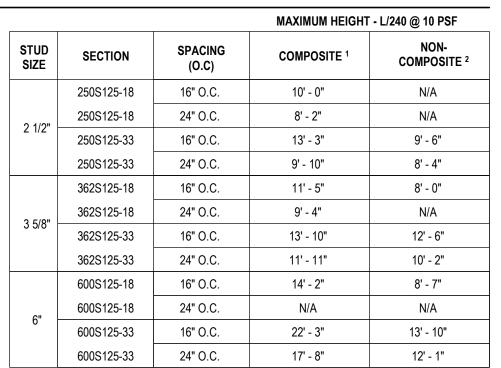




1/2" RESILIENT FURRING CHANNEL 5/8" GYPSUM WALL BOARD LIGHT GAUGE METAL FRAMING PER WALL TYPE 3 1/2" SOUND ATTENUATION INSULATION (FIBER GLASS) 5/8" GYPSUM WALL BOARD FINISH PER ELEVATION OR SCHEDULE (1) HOUR RATING PER GA NP. WP 1049

> PARTITION TYPES 1 1/2" = 1'-0"

PARTITION - WOOD BLOCKING
1 - 41 0"



NON-LOADBEARING WALL FRAMING SCHEDULE3:

¹ COMPOSITE WALL CONSRUCTION REQUIRES A SINGLE LAYER OF 5/8" TYPE X GWB INSTALLED IN VERTICAL ORIENTATION TO BOTH SIDES OF THE WALL.

² NON-COMPOSITE WALL CONSRUCTION REQUIRES FULL BRACING EVERY 48" O.C. AT OR BELOW MAXIMUM HEIGHT.

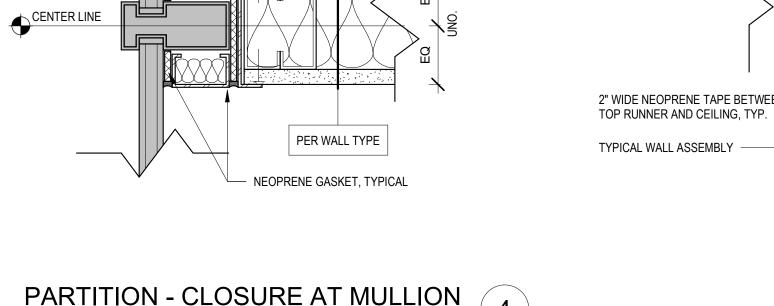
³ PER SSMA TABLES PUBLISHED BY SCAFCO. CONSULT TABLE FOR MAXIMUM HEIGHT SPANS FOR CONDITIONS NOT LISTED IN TABLE ABOVE.

NOTE: EQ STUDS ARE NOT ACCEPTABLE PER DISTRICT STANDARD

STEEL STUD NON-BRC WALL HEADER SCHEDULE

WALL	STUD	STUD OPENING WIDTH (TOP & BOTTOM TRACKS)							
HEIGHT	WIDTH	<=6'-0"	<=8'-0"	<=10'-0"	<=12'-0"	<=14'-0"			
	2.4/0"4"	350T125-33 T&B	2507125 22 70 D	350T125-33 T&B	350T125-33 TOP	350T125-33 TOP			
<=8'-0"	3 1/2" - 4"	3301123-33 1&B	3301123-33 1&B	3301123-33 1&B	350T125-43 BOT	350T125-43 BOT			
	5 1/2" - 6"	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-43 T&B			
	2 4 /0" 4"	250T125 22 T9D	25-33 T&B 350T125-33 T&B 350T125-33 T&	250T125 22 T9D	350T125-33 TOP	350T125-33 TOP			
<=10'-0"	3 1/2 - 4	3501125-35 T&B	3501125-33 T&B	3301123-33 T&D	350T125-43 BOT	350T125-54 BOT			
	5 1/2" - 6"	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-43 T&B			
	2 4/2" 4"	350T125-33 T&B	350T125 33 T8 D	350T125-33 T&B	350T125-33 TOP	350T125-33 TOP			
<=12'-0"	3 1/2 -4	3301123-33 185	3301123-33 1&B	3301123-33 T&D	350T125-43 BOT	350T125-54 BOT**			
	5 1/2" - 6"	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B	550T125-43 T&B*			
	2 4/2" 4"	250T125 22 T 2 D	350T125-33 T&B	350T125 22 T2 D*	350T125-33 TOP	350T125-33 TOP			
<=14'-0"	3 1/2" - 4"	3001120-33 T&D	3001120-33 T&D		350T125-43 BOT*	350T125-54 BOT**			
	5 1/2" - 6"	550T125-33 T&B	550T125-33 T&B	550T125-33 T&B*	550T125-33 T&B*	550T125-43 T&B**			

1 HEADER HEIGHT ASSUMED >= 6'-0" AND <= 10'-0" ² OPENINGS ASSUMED WITH 4-WAY PRESSURE DISTRIBUTION ³ PROVIDE #8 SMS AT 12" OC FROM TRACKS TO S-SECTIONS AS SHOWN ⁴ VERTICAL S-SECTIONS TO BE DBL 400S125-33 MIN EXCEPT WHERE DENOTED (*) USE DBL 400S162-43 MIN AND (**) USE DBL 400S162-54 MIN



ACOUSTICAL SEALANT JOINTS AT

INTERSECTION OF FALSE

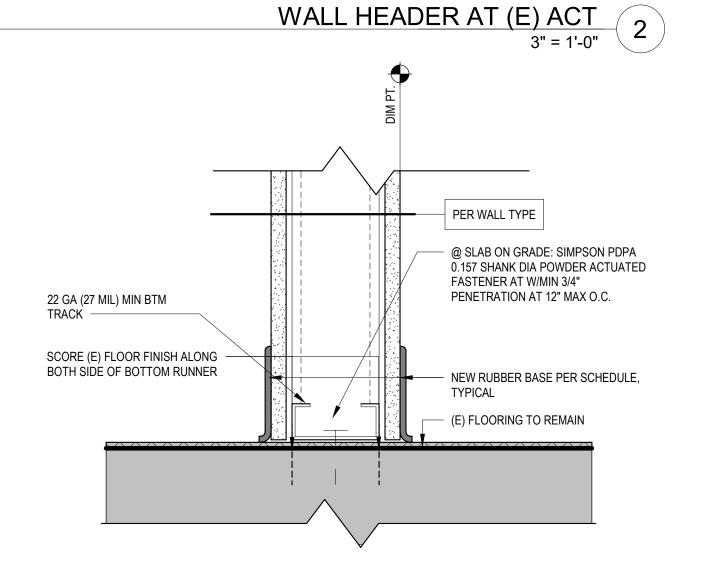
MULLION, GLAZING AND TRIM. COLOR MATCH WINDOW MULLION.

FALSE MULLION WITH STUFFED WITH FIBERGLASS INSULATION

ANODIZED ALUMINUM TRIM

TO MATCH WINDOW FRAME, FULL HEIGHT OF WINDOW

PARTITION - CLOSURE AT MULLION
3" = 1'-0"
4



(N) PARTITION BASE 3" = 1'-0" 3

FASTENER THROUGH ACT CEILING

BETWEEN BRACING AND TOP RUNNER.

DO NOT ADHERE WALL TO CEILING GRID

FINISHED CEILING

PAPER-FACED REVEAL TRIM, TYP.

TOP TRACK, TYPICAL

PER WALL TYPE

HBX-STUDIO.COM

MICHAEL PARPETT OR No. 5889 **REVISIONS:**

GENERAL NOTES - PARTITIONS

A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.

- B. PLAN DIMENSION ARE TO THE FINISHED FACE OF PARTITION ASSEMBLY, CENTERLINE OF STRUCTURAL COLUMN, OR TO FACE OF CONCRETE OR CONCRETE MASONRY UNLESS
- C. PROVIDE 5/8" GYPSUM WALL BOARD (GWB), EACH SIDE, ON LIGHT GAUAGE METAL FRAMING AT 16" O.C. AS TYPICAL PARTITION UNLESS NOTED OTHERWISE.
- D. PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT ALL DESIGNATED WET AREAS DEFINED AS 2'-0" BEYOND THE EXTENTS OF THE EDGE ALL PLUMBING FIXTURES. THE BOTTOM 2'-0" ABOVE SLAB IN RESTROOMS AND JANITORS CLOSETS AND OTHER OR AREAS PRONE TO EXPOSED WATER.
- E. PROVIDE 5/8" DENSHEILD TYPE X OR APPROVED EQUIPMENT BEHIND ALL CERAMIC TILE INSTALLATIONS.
- F. SOUND ATTENUATION BLANKET TO BE 3 1/2" IN THICKNESS UNLESS OTHERWISE NOTED OR AS PRESCRIBED IN A UL RATED ASSEMBLY.
- G. PROVIDE ACOUSTICAL SEALANT AT JOINTS AND PERIMETER OF ALL TYPICAL WALLS,
- H. MAINTAIN THE LISTED STC RATING AND ACOUSTICAL PERFORMANCE OF ALL PARTITIONS. CAULK ALL PENETRATIONS AND WHEN RETURN AIR PLENUMS ARE PROPOSED, PROVIDE AND INSTALL A STAGGERED AND LINED DUCT ELBOW.
- SEE FIRE LIFE SAFETY (FLS) PLAN FOR LOCATIONS OF RATED ASSEMBLIES.

PROVIDE FIRE RATED SEALANT AT ALL FIRE RATED WALLS.

- NOTIFY THE ARCHITECT IN WRITING BETWEEN DISCREPENCIES BETWEEN LISTED UL OR GA RATED ASSEMBLIES, COMPONANTS DEPICTED WITHIN THIS DRAWING SET AND ASSOCAITED STC TESTS.
- K. PROVIDE LABELED GYPSUM WALL BOARD AT FIRE RATED PARTITIONS.
- PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS
- M. FIRE RATED AND SMOKE ASSEMBLY PARTITIONS AND BARRIERS TO EXTENT TO THE UNDERSIDE OF STRUCTURE UNLESS NOTED OTHERWISE.
- N. FRAME AROUND BEAMS AND OTHER STRUCTURAL ELEMENTS WHEN THEY OCCURE

STRUCTURAL DRAWINGS FOR LOAD BEARING PARTITION ASSEMBLIES.

- WITHIN THE SPACE OF A FIRE RATED OR ACOUSTICAL PARTITION. O. ALL PARTITIONS ARE NON-LOAD BEARING UNLESS OTHERWISE NOTED. REFERENCE
- P. PROVIDE CONNECTIONS TO EXISTING STRUCTURE THAT ISOLATE NON-LOAD BEARING WALLS FROM STRUCTURAL MOVEMENT. PROVIDE DEFLECTION TRACKS AT THE TOPS OF ALL PARTITIONS AND SLOTTED CONNECTIONS AT INTERMEDIATE STRUCTURES.

LEGEND - FLOOR PLANS

INDICATED BELOW:

	WALL TYPE PER ASSEMBLY	STU	D SIZE LEGEND			
WALL TAG	OIBRACING CONDTION	Α	7/8" FURRING CHANNEL			
	STUD TYPE PER LEGEND	В	1 1/2" FURRING CHANNEL			
DOOR TAG -		С	1 5/8" METAL STUD			
UNIQUE	(<u>102</u> <u>-</u>)DOOR TAG - REFER	D	2 1/2" METAL STUD			
00=	TO DOOR SCHEDULE	Е	3 5/8" METAL STUD			
DOOR TAG -	24 A POOR & FRAME TYPE	F	4" METAL STUD			
REPEATABLE	34 A DOOR & FRAME TYPE SEE SCHEDULE		6" METAL STUD			
	DOOR WIDTH A SWINDOW TYPE - SEE	Н	8" METAL STUD			
WINDOW TAG		1	2 1/2" C-H SHAFT WALL STUD			
	SCHEDULE	J	4" C-H SHAFT WALL STUD			
KEY NOTE		K	6" C-H SHAFT WALL STUD			
RETROTE	1KEY NOTE - SEE SCHEDULE	BRA	BRACING CONDITION			
		Α	HEAD @ (E) ACT			
		В	HEAD @ (E) SOFFIT/HEADER			
		С	HEAD @ PARTITION TRACK			

NOTE: WHEN INFILLING NEW WALLS AT EXISTING WOOD FRAMING, USE 3 1/2" (350S) STUDS IN LIEU OF 3 5/8" STUDS TO ALIGN F.O. FINISHES

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DETAILS A800

TYPICAL

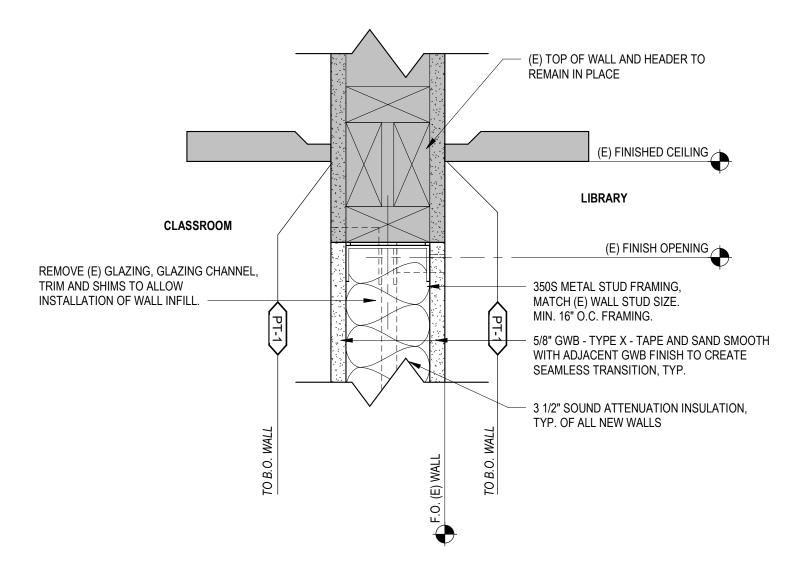
PARTITION



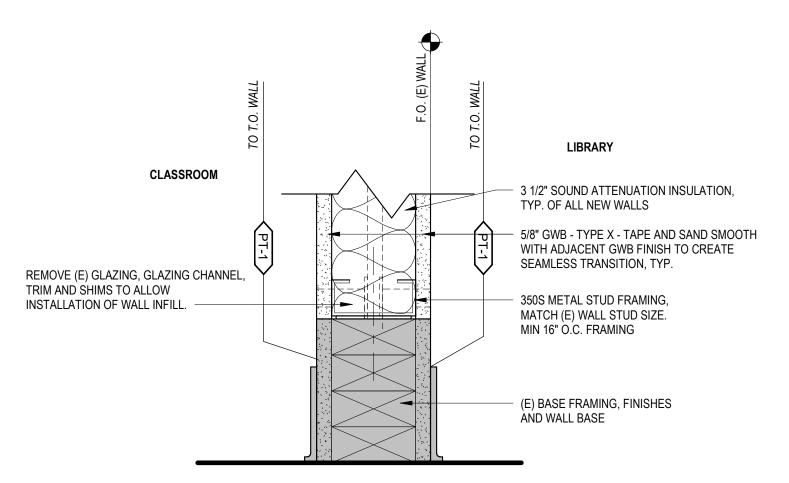


EXISTING CONDITIONS, PIPE RAILING - MATCH CONSTRUCTION FOR NEW DOOR STOP - 1 1/2" STEEL PIPE ASSUMED, 36" LONG, FIELD

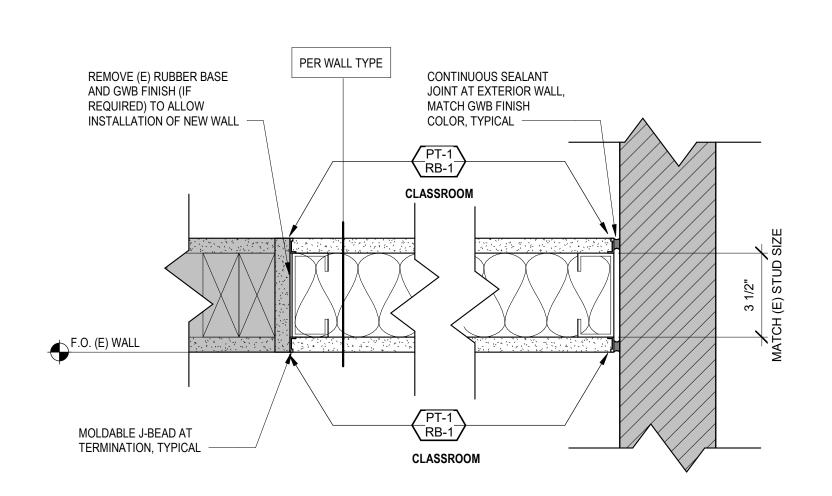
PAINTED. GENERAL CONTRACTOR TO FIELD VERIFY CONDITIONS AND SUBMIT WITHIN PROJECT SHOP DRAWINGS.



TYPICAL WALL - RELITE INFILL - HEAD 3" = 1'-0"

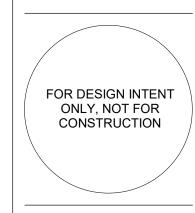






TYPICAL WALL - INFILL @ PERIMETER 3" = 1'-0"



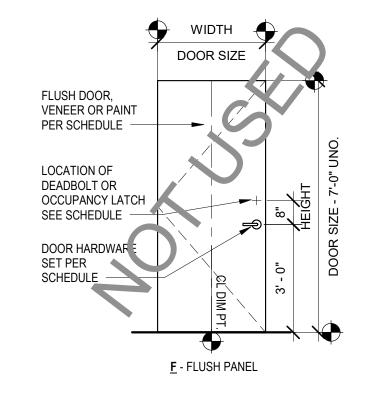


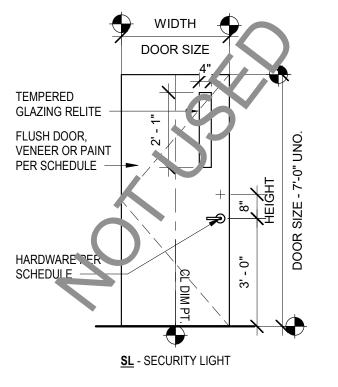
REVISIONS:

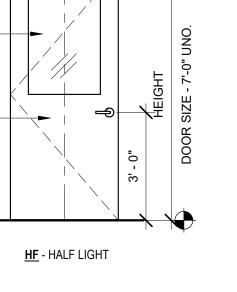
21005.05 PROJECT: DATE:

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TYPICAL PARTITION DETAILS A801







WIDTH +

DOOR SIZE

TEMPERED

GLAZING RELITE

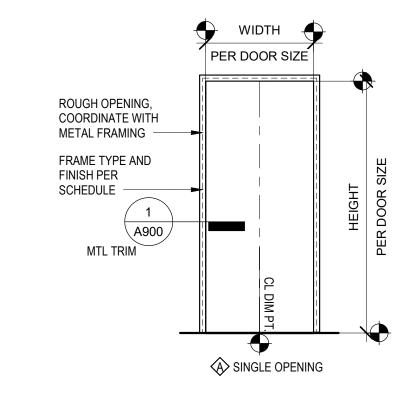
FLUSH DOOR,

VENEER OR PAINT

PER SCHEDULE -

DOOR TYPES
3/8" = 1'-0"

									DOOR S	CHED	ULE				
		FINISH	ED SIZE			FRA	ME				DO	OR			
DOOR TAG	FROM ROOM	WIDTH	HEIGHT	TYPE	FIRE RATING	MATERIAL	FINISH	TRIM MATERIAL	TRIM FINISH	TYPE	THICKNESS	MATERIAL	FINISH	HARDWARE GROUP	NOTES
120	INSTRUCTION OFFICE	3' - 0"	7' - 0"	Α	N/A	HM	PT-2	STL	PT-2	HL	1 3/4"	STL	TS	2	MATCH EXSITING CLASSROOM DOOR RELITE, WOOD GRAIN AND FINISH. INCLUDE BLINDS AT DOOR RELITE.
121	INSTRUCTION OFFICE	3' - 0"	7' - 0"	Α	N/A	HM	PT-2	STL	PT-2	HL	1 3/4"	STL	TS	2	MATCH EXSITING CLASSROOM DOOR RELITE, WOOD GRAIN AND FINISH. INCLUDE BLINDS AT DOOR RELITE.
122	HALLWAY	3' - 0"	7' - 0"	N/A	N/A	ALUM	ALUM	ALUM	ALUM	N/A	1 1/2"	ALUM	ALUM	1	SEE ELEVATION FOR STOREFRONT SYSTEM LAYOUT, MATCH EXISTING EXTERIOR FRAME COLOR. PROVIDE LOW VOLTAGE DOOR CONTACT WTIHIN FRAME TIED TO BUILDING'S EXISTING SECURITY SYSTEM - RE: ELECTRICAL.



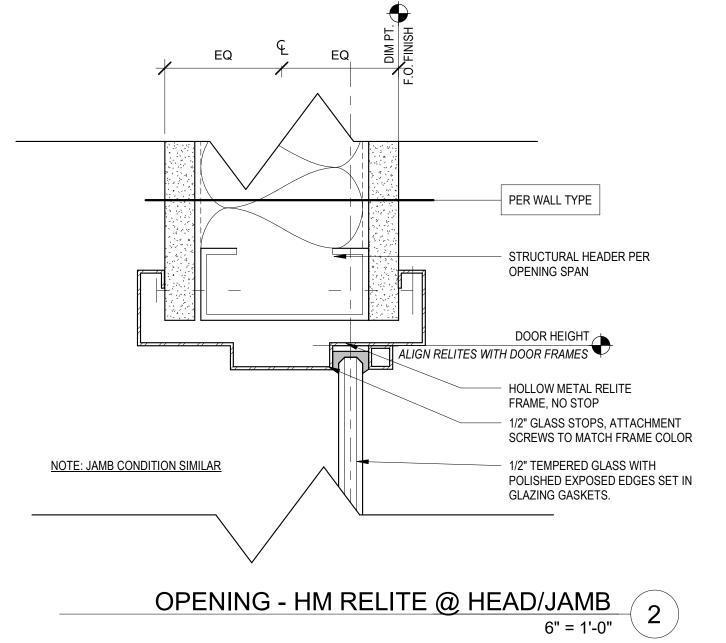
DOOR FRAME TYPES
3/8" = 1'-0"

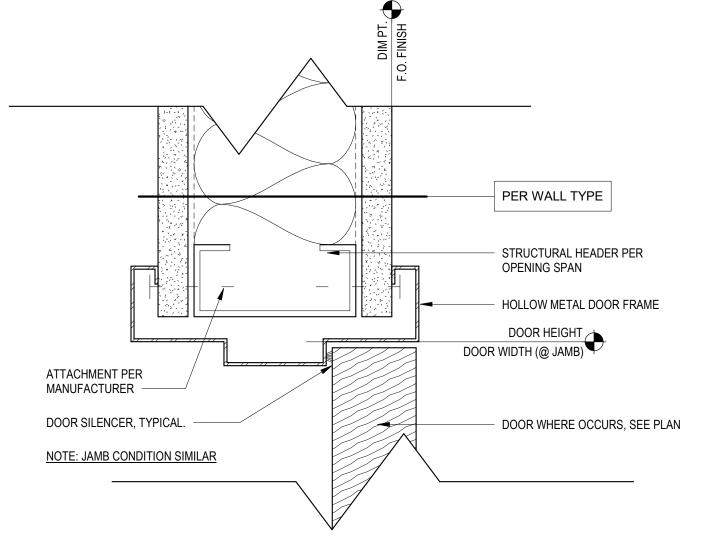
GENERAL NOTES - PROJECT SIGANGE

- A. COORDINATE ALL SIGNAGE WITHIN THE PROJECT, INCLUDING CODE REQUIRED SIGNAGE, WITH EXISTING BUILDING SIGNAGE OR WITH CURRENT DISTRICT STANDARDS.
- B. CODE REQUIRED SIGNAGE, SUCH AS STAIRWAY SIGNAGE AND ACCESSIBLE PARKING SIGNAGE, TO BE PROCURED AND INSTALLED BY THE GENERAL CONTRACTOR. PROVIDE DETAILED INFORMATION ON SIZE, FONT AND COLOR WITHIN A SUBMITTAL FOR ARCHITECT AND OWNER REVIEW.
- C. ROOM SIGNAGE IS OWNER FURNISHED AND CONTRACTOR INSTALLED. COORDINATE EXTENTS AND LOCATION WITH OTHER WALL MOUNTED ITEMS. PROVIDE AN ALLOWANCE FOR THE PATCH AND REPAIR OF EXISTING WALLS WHERE EXISTING SIGANGE IS RELOCATED OR REPLACED.

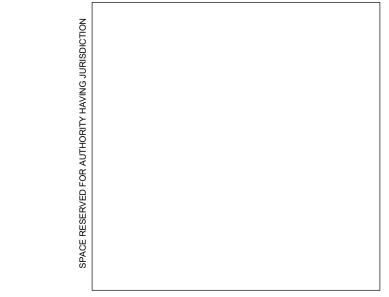


(E) SIGNAGE - KINNAMAN ELEMENTARY - FOR REFERENCE ONLY





OPENING - HEAD/JAMB - HOLLOW METAL 1



GENERAL NOTES - DOORS

A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.

REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED."

- B. DIMENSIONS SHOWN FOR DOORS AND WINDOWS ARE TYPICALLY FINISHED OPENING DIMENSIONS. COORDINATE ROUGH OPENING DIMENSIONS PER MANUFACTURER RECOMMENDATIONS WITH SELECTED OPENING.
- C. EXIT DOORS TO BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR FORCE.
- D. THE MAIN EXIT TO DOOR TO HAVE SIGNAGE ABOVE THE DOOR READING "THIS DOOR TO
- E. ALL NEW DOORS TO BE SOLID WOOD, PAINT GRADE UNLESS NOTED OTHERWISE.
- F. PROVIDE NEW ADA LEVER STYLE DOOR HARDWARE TO MATCH BUILDING STANDARD. (SCHLAGE 'ND', SERIES, RHODES STYLE)
- G. ALL NEW FRAMES TO BE FULLY WELDED UNLESS NOTED OTHERWISE. (CURRIES 16 GA.)
- H. PROVIDE TEMPERED GLAZING IN ALL DOORS AND RELITES UNLESS NOTED OTHERWISE.
- I. REFER TO ELEVATIONS FOR DOOR AND FRAME PAINT FINISH WHERE PAINT IS USED.

MATERIAL LEGEND

(E)	EXISTING	WD WOOD - SOLID CORE	
ĞĹ	GLASS - TEMPERED	HC WOOD - HOLLOW CORE	
MDF	MDF - TRIM	MTL METAL - SOLID CORE	
MFR	MANUFACTURER'S FINISH	STL - KD STEEL FRAME - KNOCKDOW	N
PT	PAINT	HM HOLLOW METAL FRAME	
TS	TRANSPARENT STAIN	ALUM ALUMINUM STOREFONT	

HARDWARE GROUPS

KICK PLATE:

BASIS OF DESIGN PRODUCTS: CONTRACTOR TO SUBMIT COMPLETE HARDWARE GROUPS BASED ON BASIS OF DESIGN PRODUCTS AND HARDWARE DESIGN DIRECTION BELOW:

ALL NEW HARDWARE TO BE SATIN CHROME (US26D), UNO.

DOOR FRAMES:CURRIES 16 GA FULLY WELDED - EQUAL RABBITLEVER HARDWARE SETS:SCHLAGE ND SERIES VANDLGARD, "RHODES"CORES:SCHLAGE FULL SIZE INTERCHANGEABLE (FSIC) CYLINDERSHINGES:IES HW 4.5" X 4.5" NRPPANIC BARS:VON DUPRIN EL 99 OR XP99CLOSERS:LCN 4010 (INWARD SWING), LCN 4111 (OUTWARD SWING)STOPS:BHMA 626, IVES OR EQUAL

STAINLESS STEEL, FULL WIDTH

GROUP 1: EXTERIOR STOREFRONT (PANIC HARDWARE)

HINGES BY MANUFACTURER
PANIC HARDWARE
DOOR PULL
CLOSER
SILENCER
SWEEPS

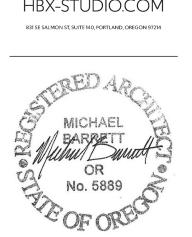
CARD READER ACCESS - COORDINATE LOCATION OF CARD READER WITH OWNER PRIOR TO INSTALLATION.

GROUP 2: OFFICE

(3) PAIR BUTTS - 4 1/2"
LEVER SET - "CLASSROOM" TYPE
WALL STOP TYPICAL UNO.
SILENCER
KICK PLATE

PROVIDE PRIVACY BLINDS/WINDOW TREATMENT AT RELITE, TYP

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REVISIONS:

SSROOM WALLS PHASE 3 - KINNAMAN ELEMENTARY SCHOOL

4205 SW 193RD AVE
ALOHA, OR 97078
PERMIT DOCUMENTATION

PROJECT: 21005.05

DATE: 11/10/22

DOORS, FRAMES, HARDWARE SCHEDULE & TYPICAL OPENING DETAILS

A900

		ΔF	BBREVIATIONS		
		<u>/ \L</u>	<u> </u>		
AC	AIR CONDITIONING UNIT	ESP	EXTERNAL STATIC PRESSURE	NC	NORMALLY CLOSED
AD	ACCESS DOOR	ET	EXPANSION TANK	NO	NORMALLY OPEN
AFF	ABOVE FINISHED FLOOR	EWT	ENTERING WATER TEMPERATURE	NIC	NOT IN CONTRACT
АН	AIR HANDLER (SPLIT REFRIG)	EWC	ELECTRIC WATER COOLER	NK	NECK
AHU	AIR HANDLING UNIT	FA	FREE AREA	OA	OUTSIDE AIR
AL	ACOUSTICAL LINING	FX	FLEXIBLE CONNECTION	OAI	OUTSIDE AIR INTAKE
AP	ACCESS PANEL	FC	FAN COIL UNIT	OAT	OUTSIDE AIR TEMPERATURE
ВВ	ELECTRIC BASEBOARD RADIATION	FD	FIRE DAMPER	ОС	ON CENTER
В	BOILER	FLR	FLOOR	OD	OUTSIDE DIAMETER
BDD	BACK DRAFT DAMPER	FOB	FLAT ON BOTTOM	OBD	OPPOSED BLADE DAMPER
BFC	BELOW FINISHED CEILING	FOT	FLAT ON TOP		
ВОВ	BOTTOM OF BEAM	FOP	FUEL OIL PUMP	PBD	PARALLEL BLADE DAMPER
BOD	BOTTOM OF DUCT	FP	FIRE PUMP	PRV	PRESSURE REDUCING VALVE
ВОР	BOTTOM OF PIPE	FPM	FEET PER MINUTE	PTAC	PACKAGED TERMINAL AIR CONDITIONER
С	CHILLER	FTR	FINNED TUBE RADIATION	RA RA C	RETURN AIR
CD	CEILING DIFFUSER	GC	GENERAL CONTRACTOR	RAG	RETURN AIR GRILLE
CFM	CUBIC FEET PER MINUTE	GPH	GALLONS PER HOUR	RAR	RETURN AIR REGISTER
CHWP	CHILLED WATER PUMP	GPM	GALLONS PER MINUTE	RCP	REFLECTED CEILING PLAN
CHWR	CHILLED WATER RETURN	HD	HAND DAMPER	RHC	REHEAT COIL
CHWS	CHILLED WATER SUPPLY CLEAN OUT	HP	HEAT PUMP	RF	RETURN FAN
CO CP	CONDENSATE PUMP	HV	HEATING AND VENTILATING UNIT	SA	SUPPLY AIR
		HWC	HOT WATER CONVERTER	SAR	SUPPLY AIR REGISTER
CWR	CONDENSER WATER RETURN	HWP	HOT WATER PUMP	SCG	SMOKE CONTROL GRILLE
CWS	CONDENSER WATER SUPPLY	HWR	HEATING HOT WATER RETURN	SD SEF	SMOKE DAMPER SMOKE EXHAUST FAN
CT	COOLING TOWER	HWS	HEATING HOT WATER SUPPLY	SF	SUPPLY FAN
CU	CONDENSING UNIT	HX	HEAT EXCHANGER	SP	STATIC PRESSURE
CUH	CABINET UNIT HEATER	HZ	HERTZ	TG	TRANSFER GRILLE
CVB	CONSTANT VOLUME BOX	ID	INSIDE DIAMETER	TYP	TYPICAL
CWP	CONDENSER WATER PUMP	LAT	LEAVING AIR TEMPERATURE	UH	UNIT HEATER
DB	DRY BULB	LWT	LEAVING WATER TEMPERATURE	UON	UNLESS OTHERWISE NOTED
DS	DUCT SILENCER	LD	LINEAR DIFFUSER		VARIABLE AIR VOLUME UNIT
DWP	DOMESTIC WATER PUMP	LF	LINEAR FEET	VAV	
EAT	ENTERING AIR TEMPERATURE	MC	MECHANICAL CONTRACTOR	VD VTR	VOLUME DAMPER VENT THRU ROOF
EC	ELECTRICAL CONTRACTOR	MTD	MOUNTED	VIR	VENT THE ROOF

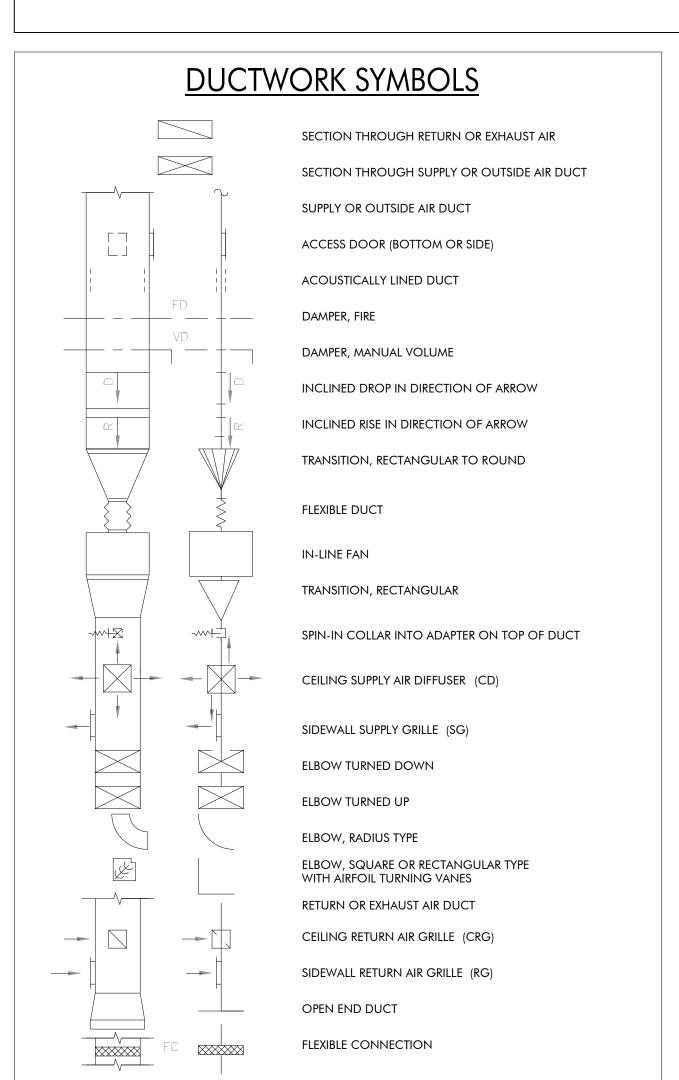
MOD MOTOR OPERATED DAMPER

MUA MAKE-UP AIR UNIT

WET BULB

WMS WIRE MESH SCREEN

	HVAC CONTROL SYMBOLS							
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION					
	GATE VALVE	T	ROOM OR ZONE THERMOSTAT					
	GLOBE VALVE		DUCT THERMOSTAT					
IŪ	GAS COCK		THERMOMETER					
	SOLENOID VALVE	—————————————————————————————————————	EXPANSION VALVE					
	CONTROL VALVE , 2-WAY	DM	DAMPER MOTOR					
— PRV	PRESSURE REDUCING VALVE	a p a p a p	DAMPER					
	CHECK VALVE	M	MOTOR					
	CENTRIFUGAL FAN	——————————————————————————————————————	PLUG VALVE					
F	FLOW SWITCH	\bigcirc	PRESSURE GAGE					
FS	FIRE SAFETY SWITCH	Р	PRESSURE SWITCH					
H	HUMIDISTAT, ROOM		PUMP					
Н	HUMIDISTAT, DUCT	R	RELAY					
	BALL VALVE	*	PRESS./TEMP. RELIEF VALVE					
	CONTROL VALVE , 3-WAY	SD	SMOKE DETECTOR					
F	FLOW SWITCH		CONTROL WIRING					
	STEAM TRAP	SP	STATIC PRESSURE CONTROLLER					



EXHAUST FAN

EXPANSION JOINT

EXHAUST REGISTER

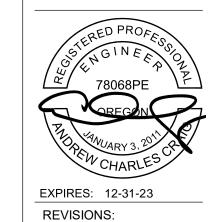
SYMBOL	TYPE	FACE	FRAME	DAMPER	FINISH	BASIS OF DESIGN	NOTES
CD-1	CEILING DIFFUSER	LOUVER	LAY-IN	NONE	WHITE	TITUS TDC	-
CTG-1	CEILING TRANSFER GRILLE	PERFORATED	LAY-IN	NONE	WHITE	TITUS PAR	-

ELECTRIC WALL HEATER SCHEDULE										
		BASIS O	F DESIGN			ELECT	RICAL			
									MAX	
							HEAT		WT	
SYMBOL	AREA SERVED	MFR	MODEL	TYPE	VOLTS	PH	KW	STAGES	(LBS)	NOTES
EWH-1	OFFICE 121	QMARK	AWH	RECESSED	120	1	1.5	1	24	1
NOTES:										
1 PROVIDE MOUNTING FRAME ACCESSORY AND INTEGRAL THERMOSTAT.										

GENERAL MECHANICAL NOTES:

- A. INSTALL EQUIPMENT TO PROVIDE SERVICE CLEARANCE AS RECOMMENDED BY THE MANUFACTURER, AND AS REQUIRED BY CODE AND LOCAL INSPECTOR. PROVIDE CLEAR LABELING OF FILTER PANELS TO VERIFY ADEQUATE ACCESS FOR MAINTENANCE.
- B. TEST HVAC CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS TO ENSURE THEY ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. SEQUENCES OF OPERATION SHALL BE FUNCTIONALLY TESTED TO ENSURE THEY OPERATE IN ACCORDANCE WITH THE APRPOVED PLANS AND SPECIFICATIONS. A COMPLETE REPORT OF THE TEST PROCEDURES AND RESULTS SHALL BE PREPARED AND FILED WITH THE OWNER PRIOR TO OCCUPANCY.
- PROVIDE RECORD DRAWINGS OF ACTUAL INSTALLATION WITHIN 90 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE TO BUILDING OWNER. PROVIDE OPERATING AND MAINTENANCE MANUAL CONTAINING SUBMITTAL DATA AND OTHER INFORMATION REQUIRED BY SPECIFICATIONS AND ENERGY CODE.
- D. COORDINATE FINAL LOCATION OF EQUIPMENT, DUCTS, DIFFUSERS, AND GRILLES WITH STRUCTURE, REFLECTED CEILING PLANS, AND THE LIGHTING LAYOUT PRIOR TO ROUGH-IN.
- PROVIDE ROOF CURBS FOR EQUIPMENT REQUIRING A ROOF PENETRATION, AND PROVIDE EQUIPMENT SUPPORTS FOR ROOF MOUNTED EQUIPMENT NOT REQUIRING A PENETRATION. COORDINATE ROOF CURBS AND SUPPORTS WITH ROOFING SYSTEM, AND SEISMICALLY ATTACH EQUIPMENT TO CURB AND STRUCTURE.
- F. PROVIDE VOLUME DAMPERS IN BRANCH DUCTS TO SUPPLY, EXHAUST, AND RETURN GRILLES, AND LOCATE DAMPERS AS CLOSE TO BRANCH CONNECTION AS POSSIBLE. PROVIDE CONCEALED DAMPER OPERATOR IN LOCATIONS WHERE DAMPER IS INACCESSIBLE.
- G. ALL DUCTWORK TO BE MINIMUM 24 GAUGE SHEET METAL WHEN TRAVELLING BETWEEN RATED OCCUPANCY SEPARATIONS, AREA SEPARATIONS, OR OVER RATED EXIT CORRIDORS AND PASSAGEWAYS.
- H. MOUNT ALL SENSORS, SWITCHES, AND THERMOSTATS PER ARCHITECTURAL DETAILS.
- I. TRANSITION FROM DUCT SIZES SHOWN TO DIFFUSER NECK SIZES SHOWN A MINIMUM OF 2 FEET BEFORE OUTLET, OR INSTALL A DUCT THE SAME SIZE AS THE GRILLE NECK, AT CONTRACTOR'S OPTION.
- J. ANCHOR ALL MECHANICAL UNITS IN EXCESS OF 400 LBS. TO STRUCTURE, AND PROVIDE THE DESIGN OF THIS ANCHORAGE AS A DEFERRED SUBMITTAL IN ACCORDANCE WITH THE DIVISION 23 SPECIFICATIONS. PROVIDE A SEISMIC BRACING DESIGN FOR ANY SUSPENDED APPLIANCE OR PIECE OF EQUIPMENT WEIGHING 20 LBS. OR MORE AS WELL. ALL DRAWINGS AND CALCULATIONS SUBMITTED FOR THIS WORK SHALL BE SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF OREGON.
- K. CONSTRUCT AND SEAL ALL DUCTWORK PER IMC REQUIREMENTS. ALL DUCTWORK ON THIS PROJECT FALLS UNDER THE LOW PRESSURE CLASSIFICATION.







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MECHANICAL SHEET LIST

M151

GENERAL NOTES AND ABBREVIATIONS
ENLARGED FLOOR PLAN - NEW CLASSROOMS - HVAC

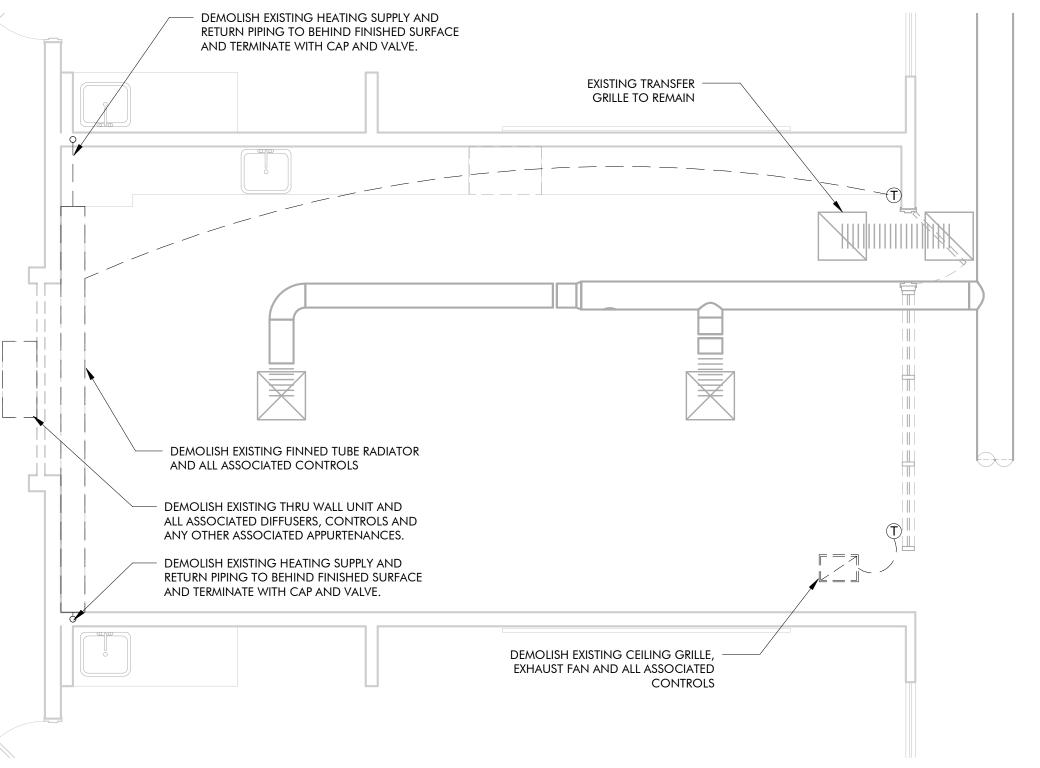
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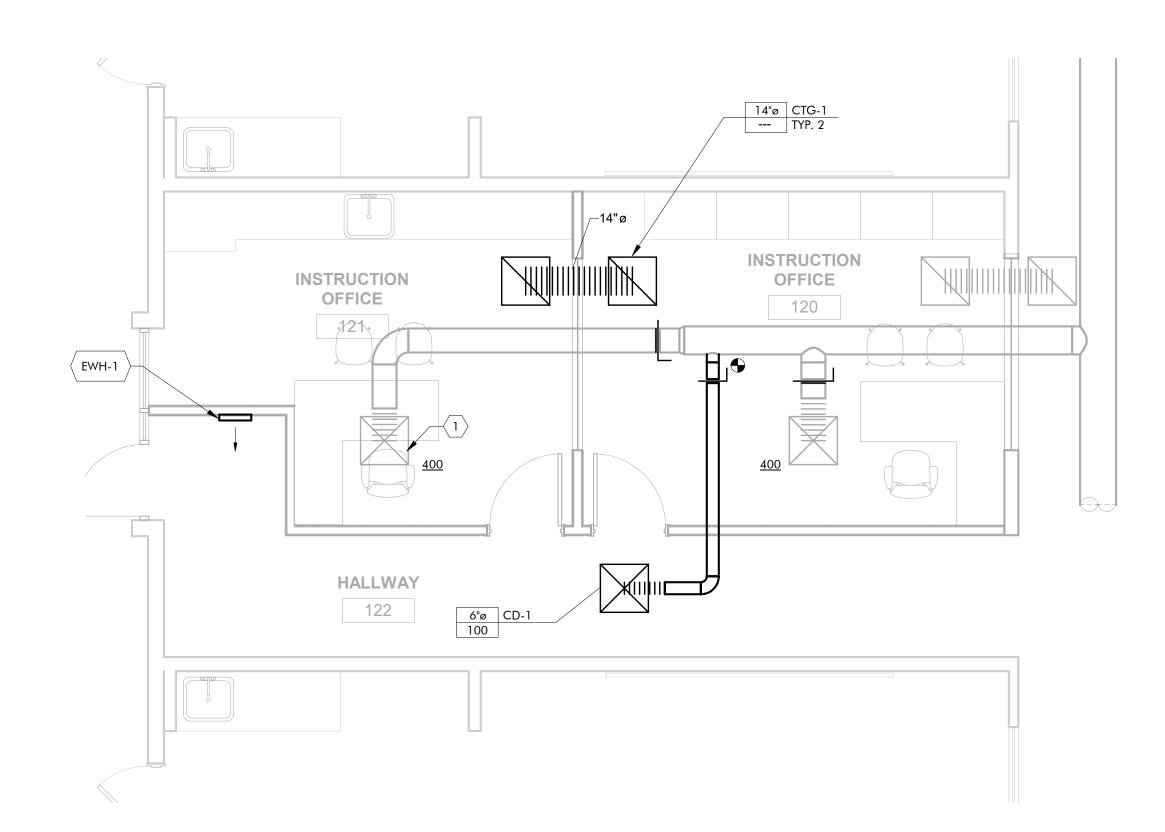
21.005

11/10/22





2 ENLARGED FLOOR DEMO PLAN - NEW CLASSROOMS - HVAC 1/4" = 1'-0"

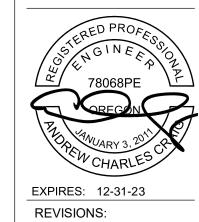


1 ENLARGED FLOOR PLAN - NEW CLASSROOMS - HVAC 1/4" = 1'-0"

 $3 \frac{\text{OVERALL FLOOR PLAN - HVAC}}{1/8" = 1'-0"}$

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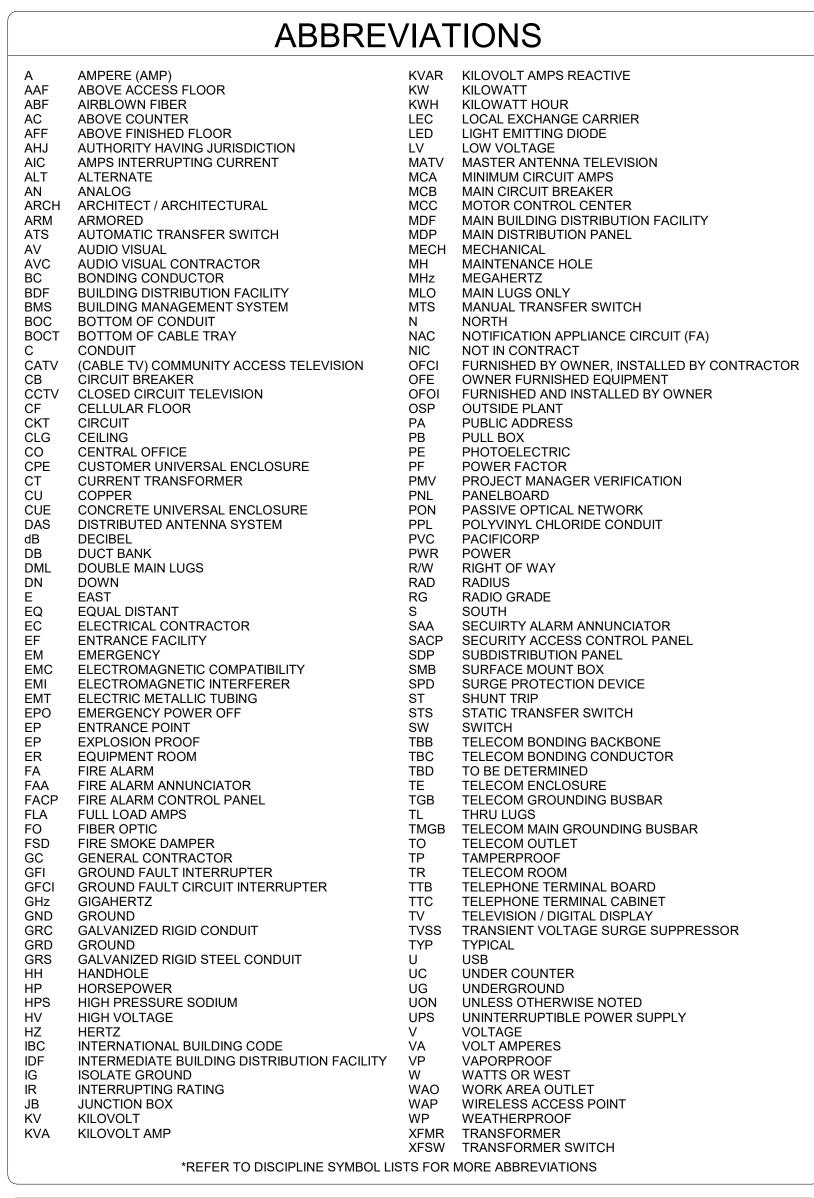


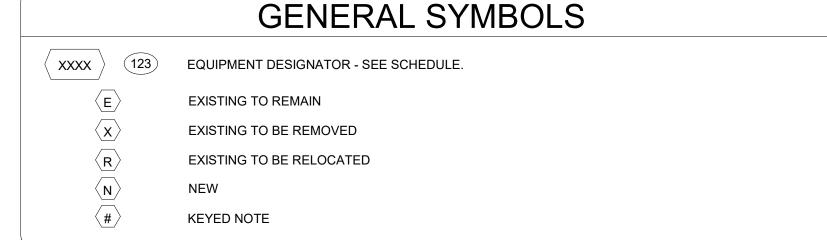


PROJECT: 21.005 DATE: 11/10/22

ENLARGED FLOOR PLAN -NEW CLASSROOMS -HVAC

M151





NOTE

THIS IS A STANDARD LEGEND SHEET. THEREFORE. SOME SYMBOLS MAY APPEAR ON THIS SHEET THAT DO NOT APPEAR ON THE DRAWINGS.

WORK RESPONSIBILITY

ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN CONDUIT, DEVICES, BOXES, CONDUCTORS, AND TRANSITIONS AROUND OBSTRUCTIONS WHETHER SHOWN ON DRAWINGS OR NOT SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.

GENERAL NOTES (APPLIES TO ALL DRAWINGS)

- A. WHERE EXACT DIMENSIONS ARE NOT CALLED FOR, DO NOT SCALE DRAWINGS TO DETERMINE LOCATION OF EQUIPMENT, JUNCTION BOXES, OUTLET BOXES, WIRE WAYS, PANELS, ETC. SEE ARCH FOR EXACT DIMENSIONS.
- B. CONDUIT RUNS SHOW ONLY INTERCONNECTION BETWEEN THE TERMINATION POINTS. THE EXACT PATH OF THE CONDUIT IS TO BE DETERMINED BY THE CONTRACTOR. THERE SHALL BE A MINIMUM OF ONE PULL BOX FOR EVERY 100 FEET OF STRAIGHT EMPTY CONDUIT AND A PULL BOX FOR MORE THAN TWO 90 DEGREE BENDS IN A CONDUIT RUN. ALL CONDUIT SHALL BE DEBURRED, CLEANED, CAPPED, TAGGED, AND FURNISHED
- C. POWER CIRCUITS FOR THE AUDIOVISUAL SYSTEMS MUST BE ON THE SAME TRANSFORMER PHASE, BUT NOT ON THE SAME PHASE AS ANY COMPRESSORS, MOTORS, OR LIGHTING DIMMING SYSTEMS.
- D. ALL EQUIPMENT MUST BE COMPLETELY BONDED TO A TRUE EARTH COMMON GROUND OR VERIFY GROUNDING REQUIREMENTS WITH ELECTRICAL EQUIVALENT FOR PROPER OPERATION.
- E. FOR TELECOM OUTLETS WITH 1-6 CABLES, PROVIDE 1"C. TO DOUBLE-GANG DEEP BOX WITH SINGLE-GANG MUD RING AND 2, 4 OR 6 PORT FACEPLATE AS REQUIRED.
- F. FOR TELECOM OUTLETS WITH 7-12 CABLES, PROVIDE TWO (2) 1"C. TO DOUBLE-GANG DEEP BOX WITH DOUBLE-GANG MUD RING AND TWO (2) 2, 4 OR 6 PORT FACÈPLATES AS REQUIRED.
- G. FOR ALL DATA OUTLETS AND CAMERAS, PROVIDE CATEGORY 6 CABLE AND JACKS. FOR ALL WIRELESS ACCESS POINTS (WAPs), PROVIDE (2) CATEGORY 6A CABLES AND JACKS.

POWER SYMBOLS \bigcirc WALL RECEPTACLE: DUPLEX, 4-PLEX FLOOR RECEPTACLE: DUPLEX, 4-PLEX CEILING RECEPTACLE: DUPLEX, 4-PLEX WALL RECEPTACLE: MOUNTING HEIGHT SPECIAL RECEPTACLE: WALL JUNCTION BOX: WALL, FLOOR, CEILING $\bigcirc \bigcirc \bigcirc$ SURFACE OUTLET STRIP: DIMENSIONS AS SHOWN DISCONNECT SWITCH: FUSED, CIRCUIT BREAKER Ó MOTOR CONNECTION <u>∆8</u>-1. PANEL & CIRCUIT NUMBER DENOTES DUPLEX RECEPTACLE ON DROP CORD PUSHBUTTON: WALL ADA DOOR ASSIST BUTTON: WALL WIRE CONCEALED IN FLOOR OR UNDERGROUND ____ RACEWAY AND CONDUCTORS REMOVED AS PART OF DEMOLITION - - -CONDUIT ELL: UP, DN \longrightarrow ELECTRICAL DUCT BANK GROUND ROD, 10' LONG, 5/8" DIAMETER, COPPER. BOND TO LOCAL CIRCUIT GROUND CONDUCTOR **ELECTRICAL DISTRIBUTION CABINET** ELECTRICAL DISTRIBUTION PANEL: SURFACE, RECESSED **ELECTRICAL TRANSFORMER ONE-LINE SYMBOLS CONDUCTORS & CONDUIT** ____ $\times \times \times \times$ CONDUCTORS & CONDUIT TO BE REMOVED CIRCUIT BREAKER, MOLDED CASE SWITCH

 \bigcirc

0 0

PE

(VS)

PANEL

MAIN GROUNDING BAR

TRANSFORMER

CONNECTION TO GROUND

LIGHTING SYMBOLS

PHOTOCELL: CEILING, WALL MOUNTED

DUAL TECHNOLOGY, VACANCY SENSOR:

CEILING MOUNTED, WALL MOUNTED

CEILING MOUNTED, WALL MOUNTED

HA = LUMINAIRE TYPE DESIGNATION

TIME: CEILING, WALL MOUNTED

1. = CIRCUIT NUMBER

TIMER SWITCH: T

a = SWITCH DESIGNATION

DUAL TECHNOLOGY, OCCUPANCY SENSOR:

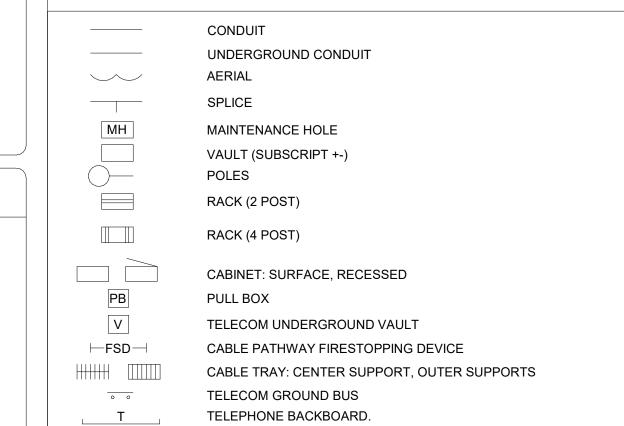
SINGLE GANG, STRAP MOUNTED CONTROL STATION.

LOW VOLTAGE DIMMER / PRESET CONTROL: D

LIGHT SWITCH: OS = OCCUPANCY SENSOR, K = KEYED, 3 = 3-WAY

BUG EYE EXIT SIGN WITH INTERGRAL BATTERY, 90 MINUTE RUN

BUS TELECOM PATHWAYS AND ATS **METER ENCLOSURES SYMBOLS**



DATA OUTLET: WALL, CEILING, FLOOR

DATA OUTLET: MOUNTING HEIGHT

ASSISTIVE LEARNING SYSTEM

ANALOG CLOCK: WALL, CEILING

DIGITAL CLOCK: WALL, CEILING

ANALOG SPEAKER: WALL, CEILING

SPEAKER-HORN: WALL, CEILING

IP SPEAKER: WALL, CEILING

M: MASTER STATION

CATV OUTLET: WALL, CEILING

INTERCOM & VIDEO STATION: WALL

INTERCOM MASTER STATION: WALL

ANALOG TELEPHONE OUTLET: WALL

MAN: MASTER ANALOG

MIP: MASTER IP

INTERCOM STATION: WALL

A/V OUTLET: WALL, FLOOR, CEILING

PS: POWER SUPPLY

MASTER CLOCK: CEILING

⋖WP

[®]ALS

S IP S IP

^S AN

DATA OUTLET: CABLE/JACK QUANTITY (x2 U.O.N.)

DATA OUTLET: WALL PHONE (x1 CABLE/JACK)

COMBINATION IP SPEAKER/IP CLOCK (ANALOG FACE)

WIRELESS ACCESS POINT: WALL, CEILING. E = EXISTING

ASSISTIVE LEARNING SYSTEM SPEAKER: CEILING

ANALOG SPEAKER-HORN: WALL, CEILING, WP

2-WAY/ARA COMMUNICATION STATION: WALL

ASSISTIVE LEARNING SYSTEM: CONTROLLER

ASSISTIVE LEARNING SYSTEM: INPUT / OUTPUT

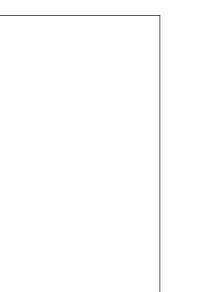
WIRELESS CLOCK SIGNAL DISTRIBUTION ANTENNA: WALL

TELECOMMUNICATIONS SYMBOLS SECURITY SYMBOLS CARD KEY READER STATION: WALL MOTION DETECTOR: WALL, CEILING DOOR ASSIST: WALL P: PANIC IDS KEYPAD: WALL DOOR HARDWARE: WALL ACP: ACCESS CONTROL PANEL DC: DOOR CONTACT DO: DOOR OPERATOR DH: DOOR HOLD OPEN DRP: DOOR RELEASE PANEL EC: ELECTRIC CYLINDRICAL LOCK SET **EPT: ELECTRONIC POWER TRANSFER** ES: ELECTRIC STRIKE IL: INTEGRATED LOCK LA: LOCAL ALARM LS: LATCH RETRACTION REX: REQUEST TO EXIT SENSOR RX: REQUEST TO EXIT SWITCH DOME SECURITY CAMERA: WALL, CEILING SINGLE LENS SINGLE LENS 180° SINGLE LENS 360° SINGLE LENS PTZ DOUBLE LENS

	*SEE DOOR HARDWARE SCHEDULE AND ASSOCIATED DETAILS FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS
	FIRE ALARM SYMBOLS
F.	MANUAL PULL STATION: WALL
Ģ F	BELL: WALL
à a	STROBE: WALL, CEILING
¥ &	SPEAKER-STROBE: WALL, CEILING
§ S	PHOTOELECTRIC SMOKE DETECTOR: WALL, CEILING PR: RELAY BASE PIB: ISOLATION BASE PT: HEAT DETECTOR
	BEAM SMOKE DETECTOR
ARM ARM	ADDRESSABLE MODULE: WALL, CEILING ARM: ADDRESSABLE RELAY MODULE AIM: ADDRESSABLE INPUT MODULE (SINGLE) AMM: ADDRESSABLE MINI INPUT MODULE ADM: ADDRESSABLE DUAL INPUT MODULE ANM: ADDRESSABLE NOTIFICATION MODULE AIO 1X1: ADRESSABLE INPUT/OUTPUT MODULE, 1 INPUT x 1 RELAY AIO 2X2: ADRESSABLE INPUT/OUTPUT MODULE, 2 INPUT x 2 RELAY
WF	SWITCH: WALL, CEILING WF: WET SYSTEM PA: PREACTION SYSTEM VS: VALVE SUPERVISORY SWITCH PIV: POST INDICATOR VALVE LA: LOW AIR SWITCH HA: HIGH AIR SWITCH PR: PUMP RUNNING SIGNAL PT: PUMP TROUBLE SIGNAL REV: REVERSAL SIGNAL LT: LOW AIR TEMP LW: LOW WATER LEVEL DH: MAGNETIC DOOR HOLD
FACU	FIRE ALARM CONTROL UNIT
NPS	NOTIFICATION POWER SUPPLY
FAA	REMOTE ANNUNCIATOR
LOC	LOCAL OPERATOR CONSOLE
AMP	EVAC AMPLIFIER
FATC	FIRE ALARM TERMINAL CABINET
ELEV	ELEVATOR CONTROL MUDLE
SPRK	SPRINKLER CONTROL MODULE
FAC	FIRE ALARM CONTROL PANEL
AES	WIRELESS MESH RADIO NETWORK

DOCUMENT STORAGE BOX

*SEE DOOR HARDWARE SCHEDULE AND ASSOCIATED





REVISIONS:



21005.05 PROJECT: DATE: 10/21/2022

Sheet List

Sheet Name

Sheet

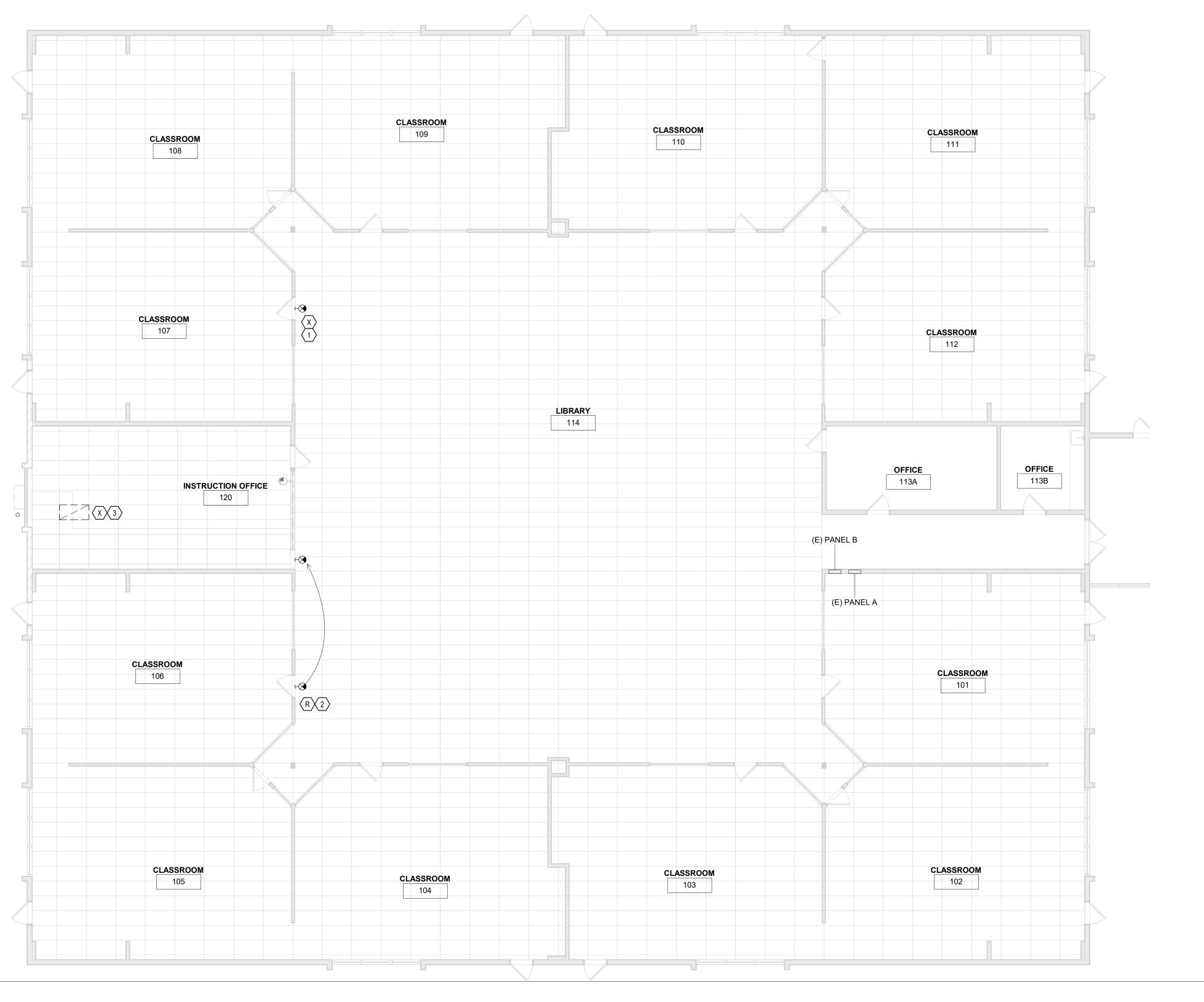
LEGEND AND ABBREVIATIONS -**ELECTRICAL**

LEGEND AND ABBREVIATIONS - ELECTRICAL ENLARGED FLOOR PLAN - BUILDING 1 - LIGHTING E001 ENLARGED PLANS - READING ROOM - ELECTRICAL

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ENLARGED REFLECTED CEILING PLAN - EXISTING/DEMO CLASSROOMS - LIGHTING

1/8" = 1'-0"

1

EXECUTION NOTES

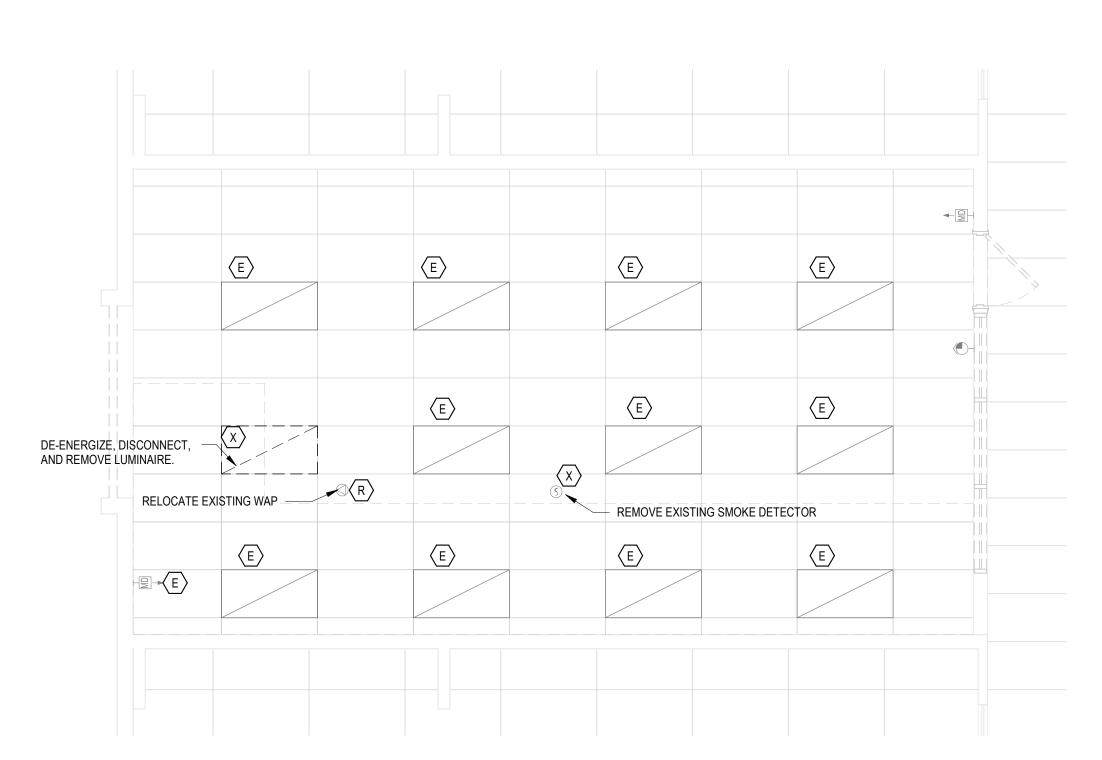
- DE-ENERGIZE DISCONNECT AND REMOVE EXISTING EXIT SIGNS. CLEAN FIXTURE AND TURN OVER TO OWNERS REPRESENTENTIVE FOR SHELF INVENTORY AND USE IT AT LATER TIME.
- DE-ENERGIZE, DISCONNECT, AND RELOCATE EXISTING EXIT SIGN TO NEW LOCATION ABOVE NEW EXIT DISCHARGE CORRIDOR DOOR. CLEAN FIXTURE PRIOR TO INSTALLATION INTERCEPT AND EXTEND
- DE-ENERGIZE DISCONNECT AND REMOVE EXISTING LIGHTING FIXTURE. CLEAN FIXTURE AND TURN OVER TO OWNERS REPRESENTENTIVE FOR SHELF INVENTORY AND USE IT AT LATER TIME.

21005.05

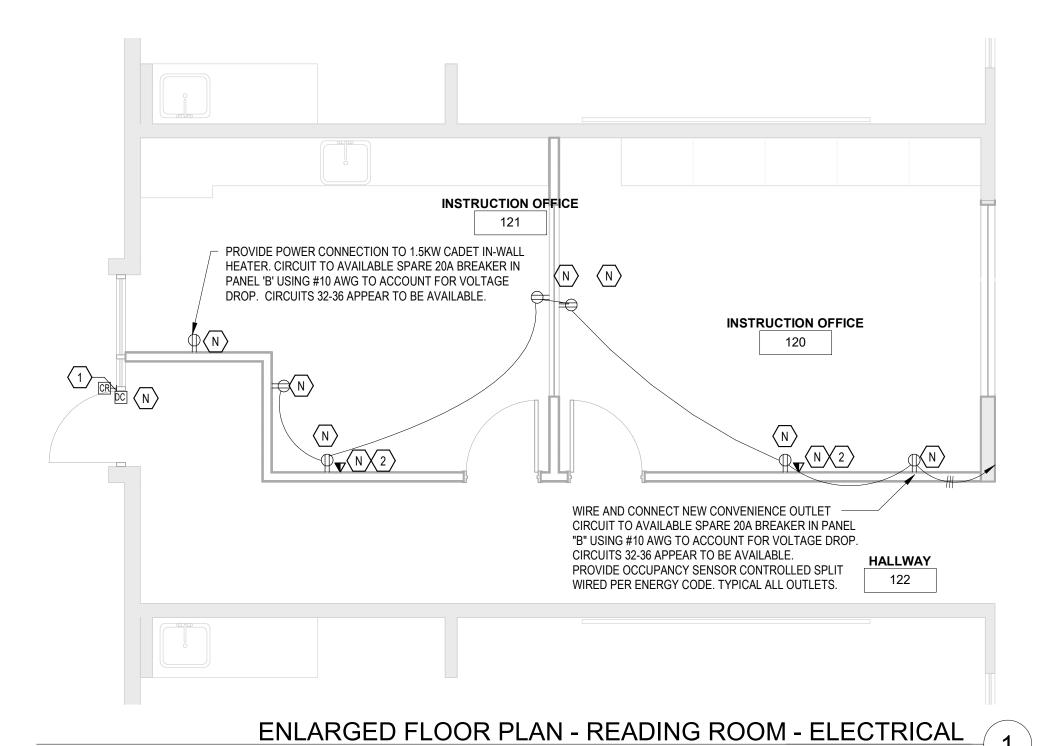
PROJECT: DATE: 10/21/2022

ENLARGED FLOOR PLAN -BUILDING 1 -LIGHTING

E152

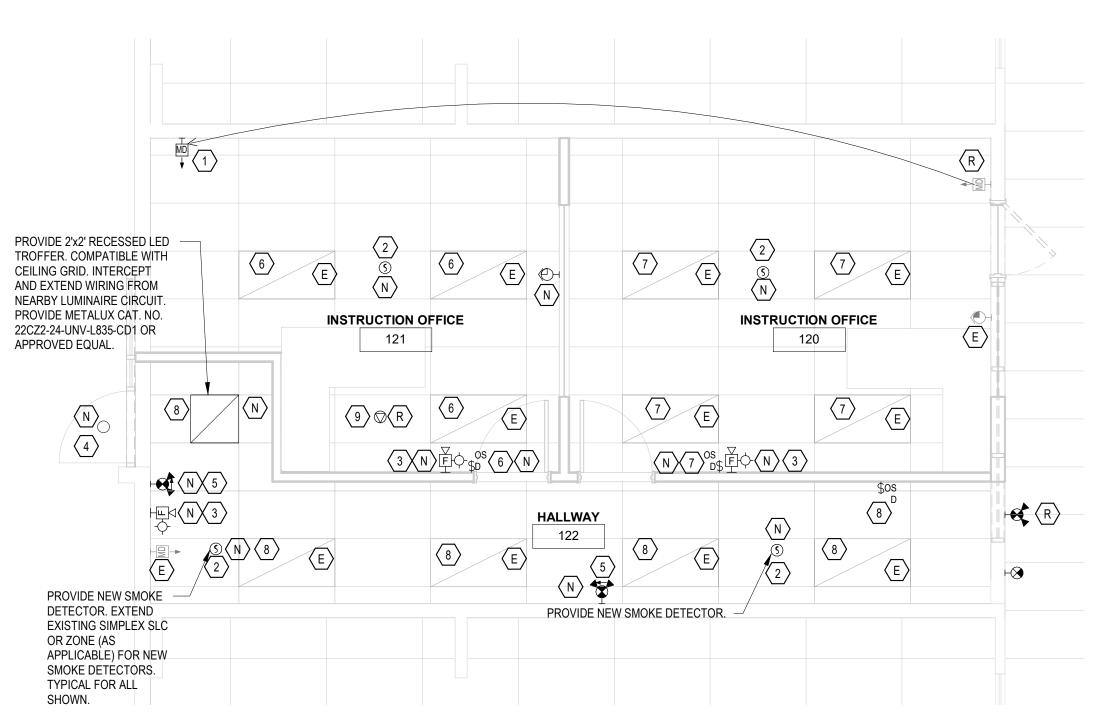


READING ROOM - DEMOLITION RCP - ELECTRICAL 4



*** KEYED NOTES - DETAIL 1**

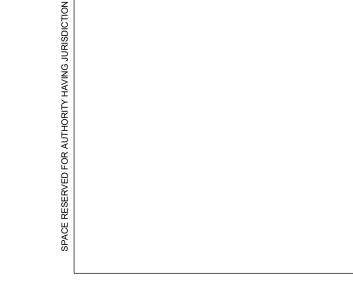
- PROVIDE INTERFACE TO EXISTING ACCESS CONTROL SYSTEM FOR SINGLE-LEAF ACCESS CONTROL DOOR CONSISTING OF THE FOLLOWING:
- X1 HID MULLION STYLE CARD READER (MATCH EXISTING READER FORMAT) X1 LATCH RETRACTION EXIT DEVICE WITH RX FUNCTION (MATCH DISTRICT HARDWARE STANDARD AND PROVIDE MOLEX CONNECTED CABLE SYSTEM WITH EPT - PROVIDED BY
- DOOR HARDWARE SUPPLIER). BOD BOSCH DS160. X1 PROVIDE POWER SOURCE FOR DOOR LOCK POWER CONTROLLED BY ACS. POWER SUPPLY NEEDS TO CENTRALLY LOCATED WITH THE OTHER ONES THAT ALREADY EXIST IN
- X1 PROVIDE DPDT DOOR CONTACT WIRE RELAY #1 TO ACS AND RELAY #2 TO IDS. BOD BOSCH ISN-CTC75.
- PROVIDE DATA OUTLET, FLUSH MOUNTED FACEPLATE CONTAINING TWO RJ45, ONE RJ45 NEEDS TO ORANGE AND THE OTHER IVORY W/ SS FACE PLATE. CAT 6, 8-PIN MODULAR JACK WIRED IN A T568 PINOUT, TERMINATE ON PATCH PANEL AT NEAREST DATA DISTRIBUTION ROOM.



ENLARGED REFLECTED CEILING PLAN - READING ROOM - ELECTRICAL 2

*** KEYED NOTES - DETAIL 2**

- DE-ENERGIZE, DISCONNECT, AND RELOCATE MOTION DETECTOR TO NEW LOCATION. CLEAN THIS DEVICE PRIOR TO INSTALLATION INTERCEPT AND EXTEND CIRCUITARY.
- EXTEND EXISTING SIMPLEX SLC OR ZONE (AS APPLICABLE) FOR NEW SMOKE DETECTORS. TYPICAL FOR ALL SHOWN.
- EXTEND EXISTING SIMPLEX NOTIFICATION APPLIANCE CIRCUITS (EITHER HORN/STROBE OR SPEAKER/STROBE AS CURRENTLY INSTALLED). TYPICAL FOR ALL SHOWN. PROVIDE 6" ROUND WET AND UL LISTED, 120V, 1PH, 2000LUMEN, 3500K SURFACE MOUNTED LED FIXTURE. SURFACE MOUNT AND ROUTE CONDUIT THROUGH SOFFIT. REFER TO 4/A300 FOR SOFFIT DETAILS. PROVIDE WITH BLACK FINISH. PROVIDE WITH EXTERNALLY MOUNTED EMERGENCY BATTERY WITH 90-MINUTE RUNTIME, ACTIVATED UPON LOSS OF NORMAL POWER. WIRE AND CONNECT TO EXISTING NEARBY LIGHTING CIRCUIT.
- PROVIDE BUG-EYE STYLE EMERGENCY EGRESS LIGHT & EXIT SIGN WITH INTERNAL 90-MINUTE BATTERY.
- REZONE LIGHTING FIXTURES WITH THIS KEYNOTE TO BE CONTROLLED BY DUAL TECH OCCUPANCY SENSOR SWITCH WITH THIS KEYNOTE.
- REZONE LIGHTING FIXTURES WITH THIS KEYNOTE TO BE CONTROLLED BY DUAL TECH OCCUPANCY SENSOR SWITCH WITH THIS KEYNOTE. REZONE LIGHTING FIXTURES WITH THIS KEYNOTE TO BE CONTROLLED BY DUAL TECH OCCUPANCY SENSOR SWITCH WITH THIS KEYNOTE.
- PROVIDE NEW CEILING MOUNTED DATA OUTLET AND RELOCATE EXISTING CEILING MOUNTED WAP TO THIS LOCATION.



GENERAL NOTES

- ALL CIRCUITS ARE TO BE DE-ENERGIZED PRIOR TO COMMENCING
- CONTRACTOR TO CONFIRM SOURCE PANELS AND LINE TRACE

INTERCEPTION AND EXTENSION.

- CIRCUITS TO DETERMINE BREAKER SPACE. INSPECT PHYSICAL CONDITION OF ALL WIRING INTENDED FOR
- PERFORM MEGGER/RESISTANCE TESTING AND NOTIFY ENGINEER OF DEFICIENCIES FOUND.
- REFER TO AS-BUILT DOCUMENTATION FOR EXISTING SINGLE-LINE DIAGRAMS AND DEVICE LAYOUTS, ALTHOUGH THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES AND EQUIPMENT PRIOR TO COMMENCING WORK AND COMPENSATE OWNER FOR DAMAGES CAUSED BY FAILURE TO LOCATE OR PRESERVE
- FOR ITEMS TO BE DEMOLISHED, REMOVE WIRING, DEVICES, AND CONDUIT COMPLETE, DO NOT ABANDON IN PLACE UNLESS OTHERWISE NOTED. CONDUIT CAST IN-SLAB IS TO BE CUT-OFF BELOW GRADE AND
- DE-ENERGIZE, DISCONNECT, AND REMOVE ALL EXISTING ELECTRICAL INFRASTRUCTURE IN AREAS UNAFFECTED BY PROJECT DEMO.
- RETAIN EXISTING ELECTRICAL RACEWAYS IDENTIFIED FOR INTERCEPTION AND EXTENSION IN AREAS UNAFFECTED BY DEMOLITION.
- PERFORM INSTALLATION IN ACCORDANCE WITH THE CODES OF RECORD AND
- APPLICABLE DOE ORDERS, NATIONAL ELECTRICAL CODE (NEC), AND
- OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).
- I.PERFORM INSTALLATION IN ACCORDANCE WITH THE CODES OF RECORD AND APPLICABLE DOE ORDERS, NATIONAL ELECTRICAL CODE (NEC), AND
- OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).
- ELECTRICAL DRAWINGS ARE CONSIDERED DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK AND SYSTEMS. COORDINATE ROUGH-IN
- REQUIREMENTS AND INSTALLATION REQUIREMENTS WITH OTHER TRADES.
- PERFORM WORK FOR REMOVAL AND DISPOSAL OF EQUIPMENT AND MATERIALS CONTAINING TOXIC SUBSTANCES REGULATED UNDER THE FEDERAL TOXIC SUBSTANCES CONTROL ACT (TSCA) IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. APPLICABLE EQUIPMENT AND MATERIALS INCLUDE, BUT ARE NOT
- 1. PCB-CONTAINING ELECTRICAL EQUIPMENT, INCLUDING
- TRANSFORMERS, CAPACITORS, AND SWITCHES.
- 2. PCB- AND DEHP-CONTAINING LIGHTING BALLASTS. 3. MERCURY-CONTAINING LAMPS AND TUBES, INCLUDING
- FLUORESCENT LAMPS, HIGH INTENSITY DISCHARGE (HID), ARC LAMPS, ULTRA-VIOLET, HIGH PRESSURE SODIUM, MERCURY VAPOR, IGNITRON TUBES, NEON, AND INCANDESCENT.
- REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.
- REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY.
- REMOVE EXPOSED ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONDUIT FLUSH WITH WALLS AND FLOORS, AND PATCH SURFACES. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE
- AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS THAT ARE NOT REMOVED.

ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED

- DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.
- REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
- MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS THAT REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL AS APPROPRIATE.
- REMOVE AND RESTORE WIRING WHICH SERVES USABLE OUTLETS CLEAR OF CONSTRUCTION OR DEMOLITION.
- MATCH ACCESS CONTROL SYSTEM (ACS) WITH EXISTING CURRENTLY INSTALLED.
- MATCH INTRUSION DETECTION SYSTEM (IDS) WITH EXISTING CURRENTLY INSTALLED.

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ENLARGED PLANS - READING ROOM - ELECTRICAL