

Lighthouse Academy

Tenant Improvement
400 W. State Street - Hastings, Michigan

PROJECT TEAM:

OWNER: LIGHTHOUSE ACADEMY
3300 36th Street SE
Grand Rapids, MI 49512

ARCHITECT: CREATE 3 ARCHITECTURE
100 Cesar E. Chavez Ave
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Grand Rapids, MI 49503

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DESIGN BUILD SYSTEMS	
1.	THE DESIGN OF MECHANICAL, PLUMBING AND ELECTRICAL SYSTEMS NOT SHOWN IN THE CONSTRUCTION DOCUMENTS SHALL BE PROVIDED BY THE TRADE CONTRACTOR AS A DESIGN-BUILD.
2.	THE SYSTEMS SHALL BE DESIGNED BY A REGISTERED ENGINEER AS LICENSED IN THE STATE OF MICHIGAN. SEALED DOCUMENTS, CALCULATIONS, SUBMITTALS, ETC. SHALL BE PROVIDED TO THE ARCHITECT FOR REVIEW PRIOR TO SUBMITTING TO THE AUTHORITIES HAVING JURISDICTION. ANY AND ALL PLAN REVIEW COMMENTS SHALL BE ADDRESSED AND RESUBMITTED AS REQUIRED.
3.	THE SYSTEMS SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT BUILDING CODE AS WELL AS ANY OTHER SPECIFIC TRADE CODE (MECHANICAL, PLUMBING, ELECTRICAL, ETC.) IN EFFECT AT THE TIME OF SUBMITTAL.
4.	THE ARCHITECT IS NOT RESPONSIBLE FOR THE DESIGN, ENGINEERING, TIMELINESS, COORDINATION, COMPLETENESS OF DESIGN-BUILD SYSTEMS ENGINEERED BY OTHERS.

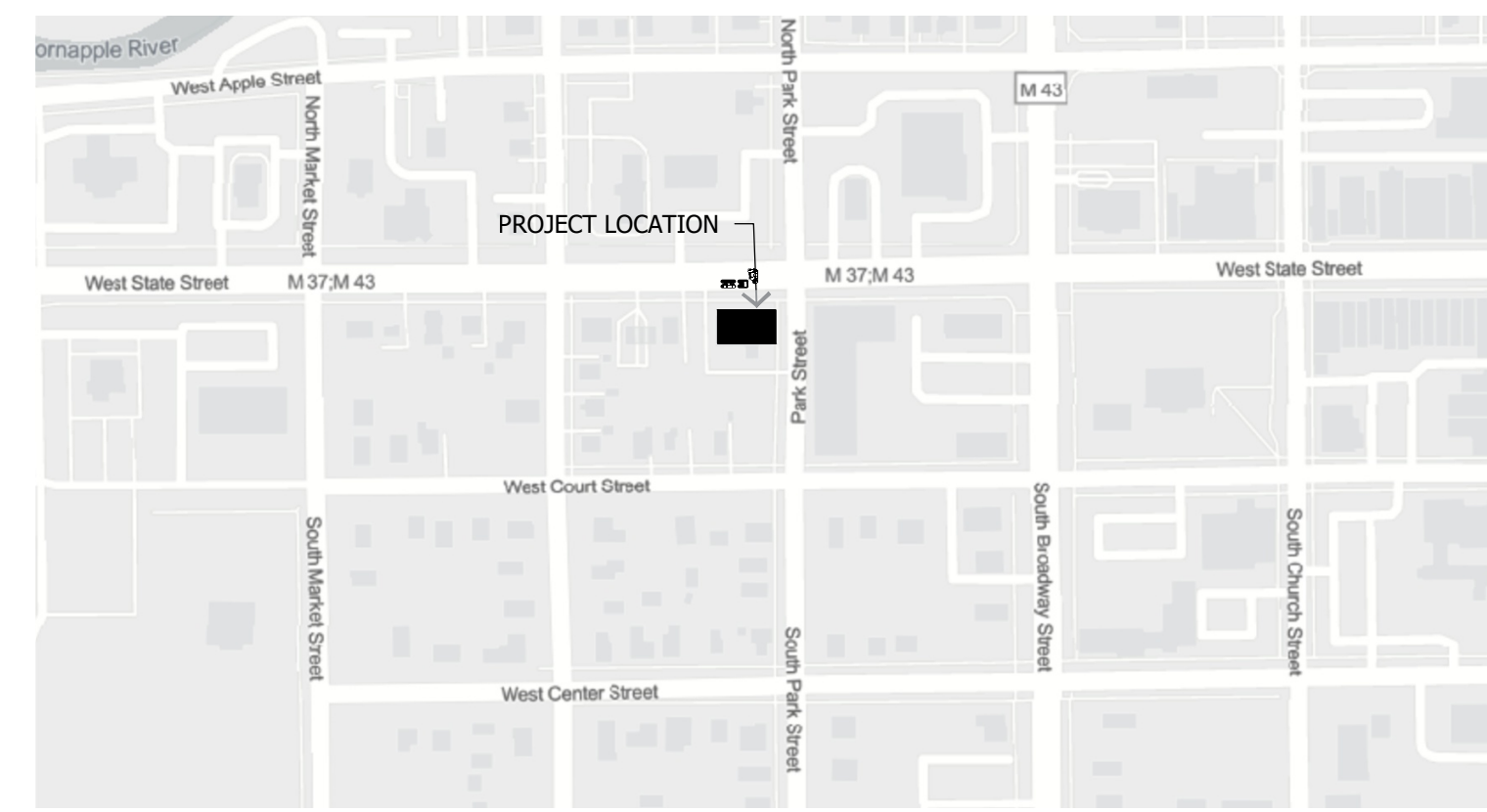
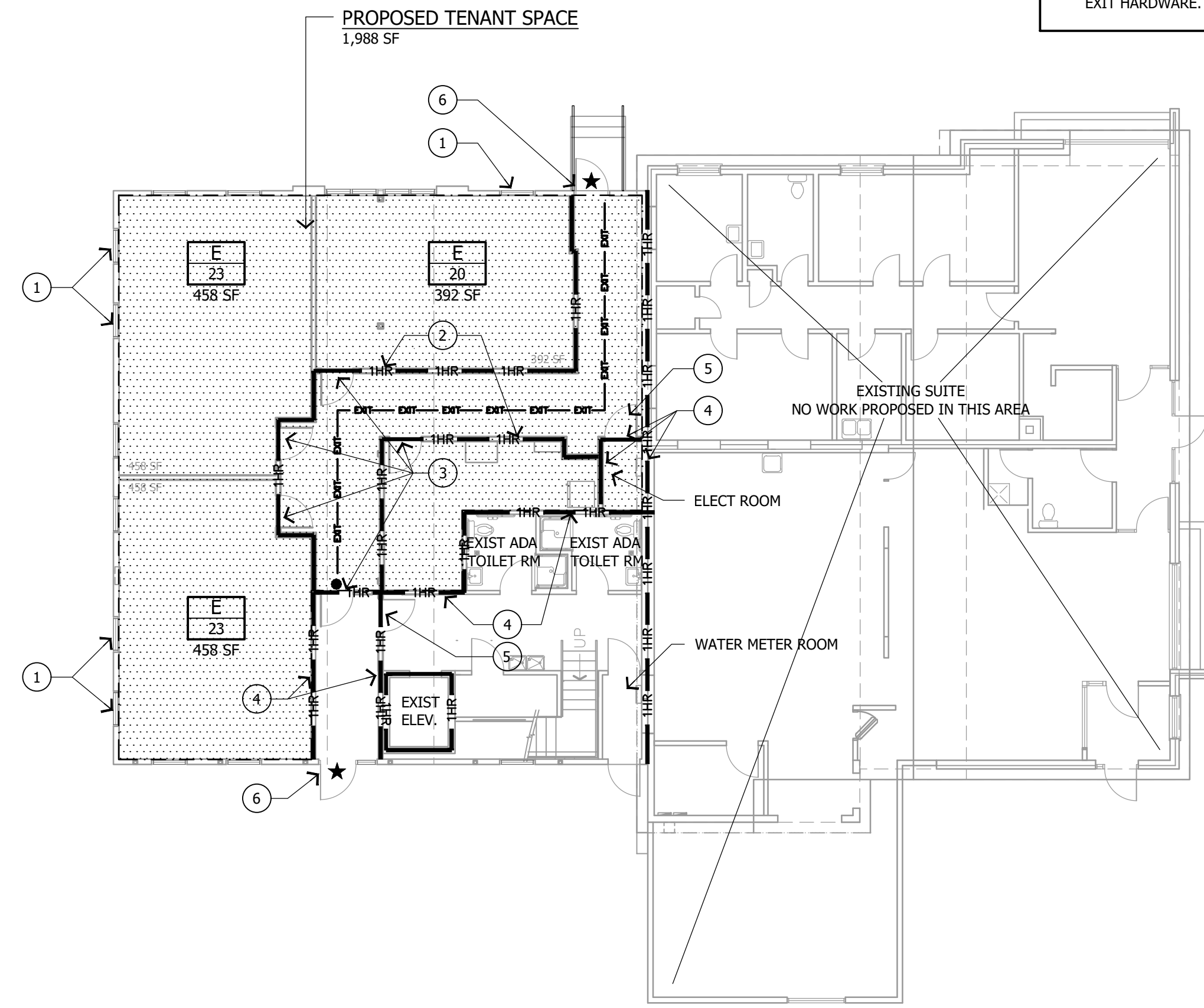
BUILDING ENVELOPE	
1.	ALTERED ELEMENTS OF THE BUILDING ENVELOPE SHALL COMPLY WITH THE REQUIREMENTS OF THE CURRENT MICHIGAN ENERGY CODE, ASHRAE 90.1-2013, NON-RESIDENTIAL, PRESCRIPTIVE METHOD. MINIMUM R-VALUE / MAXIMUM U-VALUES FOR INDIVIDUAL COMPONENTS ARE INDICATED BELOW.
2.	BUILDING INSULATION SHALL BE: ROOF ABOVE DECK (POLYISO, 2 LAYERS) R30 STUD WALLS (BATT WITH VAPOR BARRIER) R19 CMU, CELLS FILLED R12 SLAB EDGE (POLYISO, 2"x24") R10
3.	FENESTRATION VALUES SHALL BE (MINIMUM): STOREFRONT U-VALUE 0.29 STOREFRONT SHGC 0.39 STOREFRONT VLT 70% OPAQUE DOOR U-VALUE 0.34
4.	ALL FACTORY BUILT FENESTRATION SHALL BE LABELED OR CERTIFIED AS MEETING AIR LEAKAGE, U-FACTOR, SHGC AND VT REQUIREMENTS. GLAZED DOORS 1.0 CFM/SF STOREFRONT / CURTAINWALL 0.06 CFM/SF SWINGING OPAQUE DOORS 0.2 CFM/SF NON-SWINGING OPAQUE DOORS 0.4 CFM/SF
5.	PROVIDE CONTINUOUS AIR BARRIER ON ALL EXTERIOR WALLS AND BE WRAPPED, SEALED, CAULKED AND / OR TAPED PER THE MANUFACTURER'S INSTRUCTIONS.
6.	INSULATION IN CONTACT WITH THE GROUND SHALL BE POLYISO, 40PSF, MAX 0.3% WATER ABSORPTION AND BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
7.	VAPOR BARRIER SHALL BE INSTALLED UNDER CONCRETE SLAB ON GRADE, 10 MIL (MINIMUM) POLYETHYLENE SHEETING. TAPE OR SEAL ALL JOINTS AND PENETRATIONS.

BUILDING CODE SUMMARY	
APPLICABLE BUILDING CODES: MICHIGAN REHABILITATION CODE 2015 (MRHC), LEVEL 3 ALTERATION NEW TENANT IMPROVEMENT MICHIGAN BUILDING CODE 2021 (MBC) MICHIGAN PLUMBING CODE 2021 (MPC) MICHIGAN MECHANICAL CODE 2021 (MMC) MICHIGAN ELECTRICAL CODE (MEC) (BASED ON THE 2023 NATIONAL ELECTRICAL CODE) MICHIGAN ENERGY CODE (IECC) (BASED ON ASHRAE 90.1 - 2019 MODIFICATIONS) MICHIGAN BARRIER FREE / 2010 ADA STANDARDS SCHOOL FIRE AND LIFE SAFETY RULES 2016 INCLUDING LIFE SAFETY CODE, NFPA-101 2012 (SCHOOLS)	
CODE SUMMARY EXISTING BUILDING - LEVEL 2 ALTERATION FOR TENANT IMPROVEMENT	
CHAPTER 3 - USE & OCCUPANCY: OCCUPANCY: E - EDUCATION (K-12), ALSO SUBJECT TO STATE RULES	
CHAPTER 4 - TYPES OF CONSTRUCTION (MBC TABLE 602) CONSTRUCTION TYPE: TYPE 5B (NFPA 220 TYPE V-000) PRIMARY STRUCTURAL FRAME: 0 HRS BEARING WALLS: 0 HRS EXTERIOR: 0 HRS INTERIOR: 0 HRS NON-BEARING INTERIOR: 0 HRS FLOOR CONSTRUCTION: 0 HRS ROOF CONSTRUCTION: 0 HRS	
CHAPTER 9 - FIRE PROTECTION SYSTEMS AUTOMATIC SPRINKLER SYSTEMS - THIS STRUCTURE IS NOT PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM • FSS IS NOT REQUIRED BY THE MBC, <12,000 SF • FSS IS ONLY REQUIRED IN EDUCATION SPACES >12,000 SF PER NFPA FIRE ALARM AND DETECTION SYSTEMS IS REQUIRED IN THE AREA OF WORK AND WILL BE PROVIDED.	
CHAPTER 10 - MEANS OF EGRESS OCCUPANT LOAD: NOT IN SCOPE OF WORK EDUCATION 1,988 / 20 SF = 66 OCC* *REFER TO EGRESS PLAN FOR OCC LOAD OF INDIVIDUAL SPACES EXITS: (2) EXITS SHALL BE PROVIDED FROM SPACES WITH MORE THAN 49 OCCS (1) EXIT SHALL BE PROVIDED FROM SPACES WITH LESS THAN 50 OCCUPANTS THAT ALSO MEET THE EGRESS TRAVEL DISTANCES IN SECTION DEAD END CORRIDOR: 20 FT MAX, < 20' PROVIDED COMMON PATH OF TRAVEL: 75 FT MAX, < 75' PROVIDED PANIC EXIT HARDWARE IS PROVIDED ON ALL DOORS SERVING SPACES WITH AN OCCUPANT LOAD OF 50 OR MORE. CORRIDORS ARE 1 HOUR RATED, FIRE BARRIERS CLASSROOM DOOR OPENINGS 3/4 HR - D4-45 OTHER CORRIDOR OPENINGS 3/4 HR - D4-45	
PLUMBING FIXTURE CALCULATIONS MINIMUM REQUIRED PLUMBING FIXTURES SUITE A - EXISTING TO REMAIN- NOT IN WORK SCOPE EDUCATIONAL - 66 OCCS M: (1) WC REGD @ 150 W: (1) WC REGD @ 150 (2) UNISEX TOILET ROOMS (1WC + 1LAV EA) PROVIDED (1) SERVICE SINK REGD (1) PROVIDED, EXISTING (1) DRINKING FOUNTAIN REGD (1) PROVIDED, EXISTING	

# EGRESS PLAN KEY NOTES	
1.	EXISTING OPERABLE WINDOW- 36" W x 54" H, SILL @ 38" SFF, DOUBLE-HUNG, MEETS MIN 20"W x 24"H, 5.7 SF CLEAR OPENING.
2.	1-HOUR FIRE BARRIER AT EXIT ACCESS CORRIDOR, TERMINATING AT THE UNDERSIDE OF RATED FLOOR/CEILING ASSEMBLY ABOVE.
3.	EXIT ACCESS CORRIDOR OPENINGS TO HAVE MINIMUM 45 MINUTE (3/4 HOUR) RATING-SEE DOOR SCHEDULE FOR ADDITIONAL REQUIREMENTS.
4.	1-HOUR FIRE BARRIER AT AREA SEPARATION.
5.	AREA SEPARATION OPENINGS TO HAVE MINIMUM 45 MINUTE (1 HOUR) RATING. SEE DOOR SCHEDULE FOR ADDITIONAL REQUIREMENTS.
6.	EXISTING BUILDING EXIT DOOR EQUIPPED WITH PANIC EXIT HARDWARE.

EGRESS LEGEND	
---	EXIT PATH
---	TRAVEL DIST TO COMMON PATH OF TRAVEL
●	EXIT
★	EXIT DISCHARGE
---	OCCUPANT AREA FOR CALCULATION
B	USE GROUP
49	OCCUPANT LOAD

GENERAL CONDITIONS	
1.	ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL CODES AND ORDINANCES IN EFFECT IN THE PROJECT AREA AS WELL AS OTHER REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION.
2.	THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL PARTS OF THE WORK SO THAT NO WORK SHALL BE LEFT IN AN UNFINISHED OR INCOMPLETE CONDITION.
3.	ALL WORK SHALL CONFORM TO INDUSTRY AND MANUFACTURER'S PUBLISHED STANDARDS AND THE BUILDING OWNER'S REQUIREMENTS FOR QUALITY OF MATERIALS AND WORKMANSHIP AS WELL AS ALL REQUIREMENTS IN THESE DRAWINGS.
4.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE BUILDING PERMIT FOR THE WORK SHOWN ON THESE DRAWINGS. INDIVIDUAL SUBCONTRACTORS SHALL SECURE PERMITS FOR THEIR PORTION OF THE WORK UNLESS DIRECTED OTHERWISE BY THE CONTRACTOR.
5.	DO NOT SCALE DRAWINGS. USE PROVIDED DIMENSIONS.
6.	ALL DIMENSIONS ASSOCIATED TO EXISTING STRUCTURE ARE TO BE FIELD VERIFIED BY CONTRACTOR PRIOR TO ANY FABRICATION OR SHOP DRAWINGS.
7.	THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SHALL VERIFY ALL NEW AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS. IF DISCREPANCIES EXIST IN THE CONSTRUCTION DRAWINGS, CONTACT THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING.
8.	THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND HAVE CONTROL OVER THE SCHEDULING, SEQUENCING, CONSTRUCTION MEANS AND METHODS EMPLOYED IN THE EXECUTION OF THE WORK AND FOR SAFETY ON THE PROJECT SITE.
9.	COORDINATE PROPER STORAGE OF BUILDING MATERIALS ON SITE WITH THE OWNER'S REPRESENTATIVE TO AVOID DISRUPTION OF THE OWNER'S ACTIVITIES WITHIN THE BUILDING AND TO MAINTAIN PROPER ACCESS TO ALL REQUIRED MEANS OF EGRESS.
10.	PROVIDE TEMPORARY, PORTABLE FIRE EXTINGUISHERS AS REQUIRED BY THE BUILDING CODE, INTERNATIONAL FIRE CODE OR LOCAL AUTHORITY HAVING JURISDICTION OVER THE PROJECT.
11.	PROTECT ALL AREAS AND NEW AND EXISTING MATERIALS AND FINISHES FROM DAMAGE THAT MAY OCCUR FROM CONSTRUCTION, DIRT, DUST, WATER, ETC. ANY DAMAGE RESULTING FROM CONSTRUCTION OPERATIONS OR IMPROPER PROTECTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
12.	THE CONTRACTOR SHALL PROVIDE APPROPRIATE MEANS AND BARRIERS TO PROTECT THE PROJECT SITE AND THE PUBLIC AS REQUIRED BY APPLICABLE LOCAL, STATE AND NATIONAL CODES AND REGULATIONS.
13.	PROTECT FIRE ALARM AND FIRE PROTECTION SPRINKLER SYSTEMS FROM DAMAGE DURING CONSTRUCTION. MAINTAIN SYSTEMS OPERATIONAL UNLESS REQUIRED OTHERWISE BY NEW WORK. NOTIFY THE OWNER OF TIMES WHEN FIRE PROTECTION SYSTEMS WILL NOT BE ACTIVE.
14.	THE CONTRACTOR SHALL COORDINATE ALL CUTTING AND PATCHING IN EXISTING WALLS, FLOORS, CEILING, ROOFS, ETC. WHERE REQUIRED BY NEW WORK. SECURE APPROVAL OF THE OWNER PRIOR TO COMMENCEMENT OF WORK. ENJOY OF THE OWNER'S CONTRACTORS WHERE NECESSARY TO MAINTAIN THE INTEGRITY OF EXISTING WORK AND TO MAINTAIN THE OWNER'S EXISTING WARRANTY COVERAGE.
15.	ALL WORK IN THIS PROJECT SHALL BE WARRANTED AGAINST ANY DEFECT IN MATERIALS OR WORKMANSHIP FOR A PERIOD OF ONE YEAR COMMENCING AT THE DATE OF SUBSTANTIAL COMPLETION, UNLESS A LONGER PERIOD IS SPECIFIED IN THE CONSTRUCTION DOCUMENTS. ANY DEFECTIVE MATERIAL OR WORKMANSHIP SHALL BE REPAIRED OR REPLACED AT NO COST TO THE OWNER.
16.	REMOVE ALL RUBBISH AND WASTE MATERIALS ON A DAILY BASIS TO PREVENT THE ACCUMULATION OF DIRT OR DEBRIS. PROVIDE FINAL CLEANING AT THE END OF THE PROJECT.
17.	THE CONSTRUCTION DOCUMENTS, DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE OF THE ARCHITECT AND SHALL NOT BE USED WITHOUT HIS EXPRESSED CONSENT.



LOCATION PLAN
Scale: NONE

EGRESS PLAN
Scale: 3/32" = 1'-0"



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DESCRIPTION	DATE
BIDS & PERMIT	03/31/25

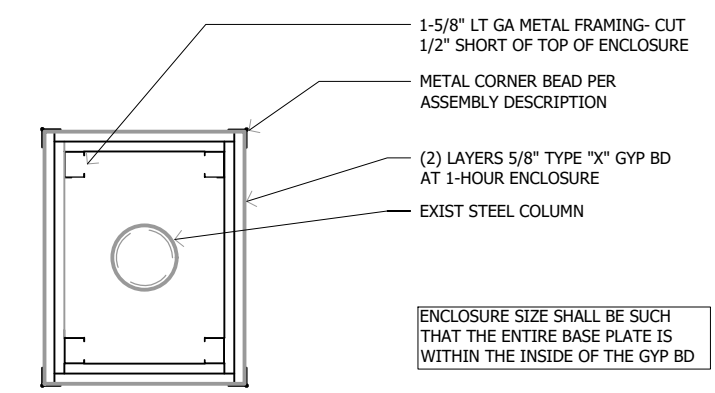
Lighthouse Academy
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Hastings, Michigan

05-0208

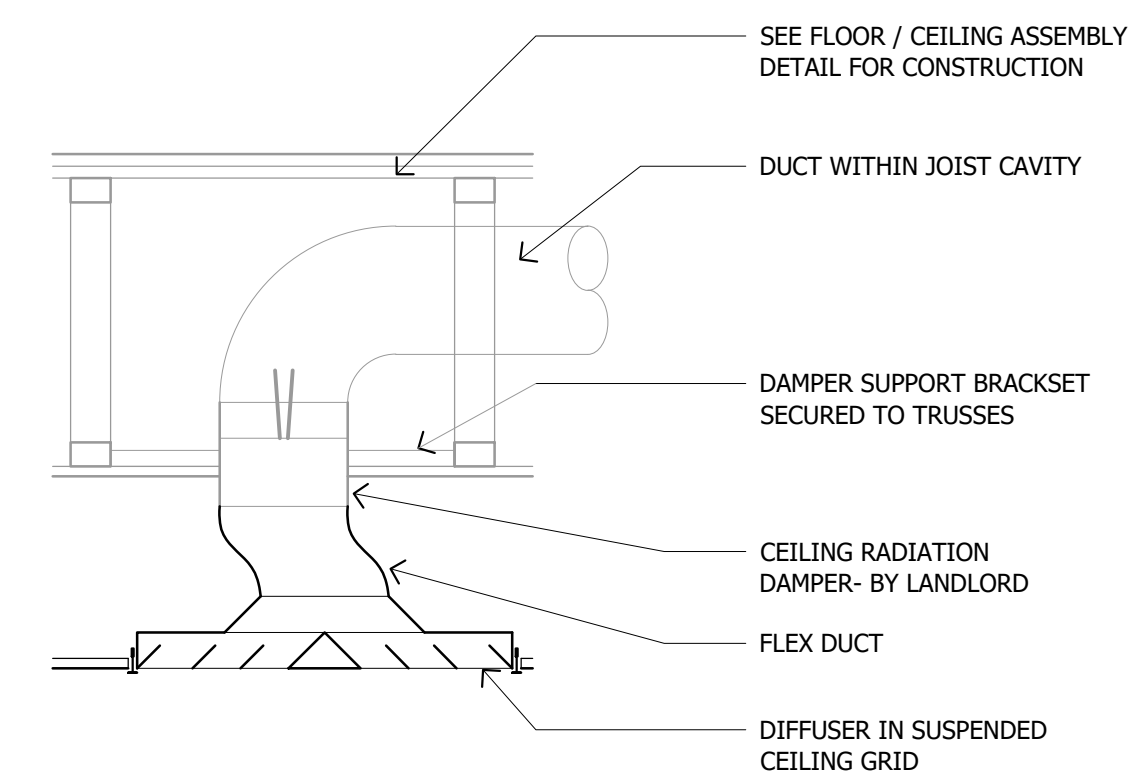
Cover Sheet, Code Data, General Notes

G1.1

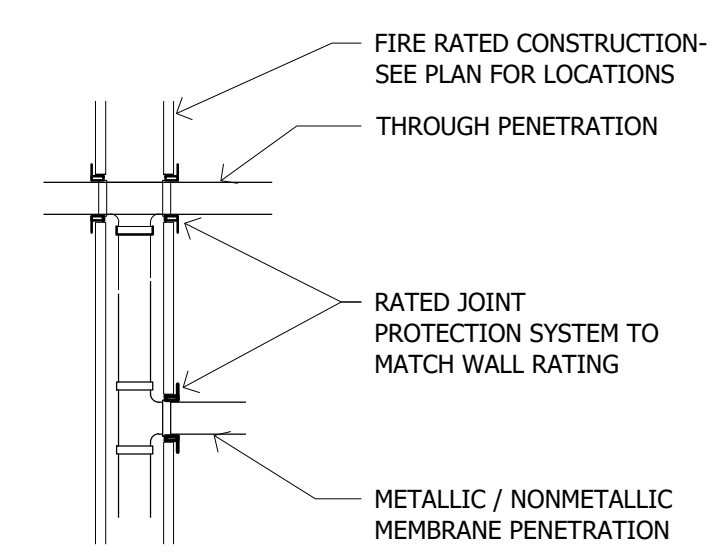
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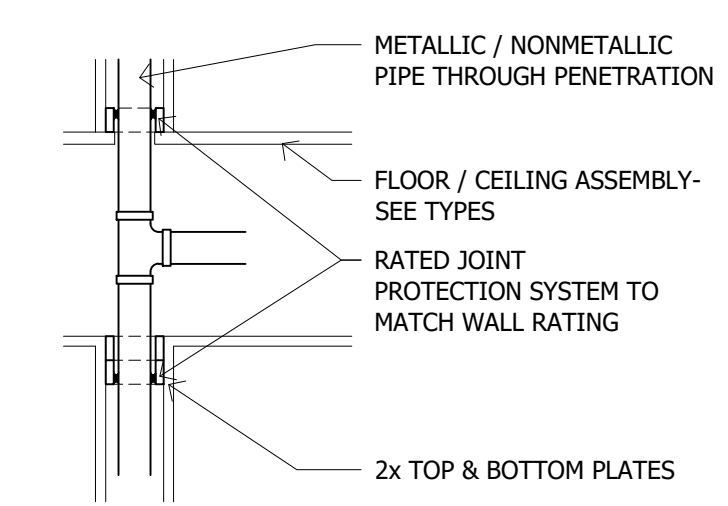
STEEL COLUMN PROTECTION
1 HR UL X528 EXISTING



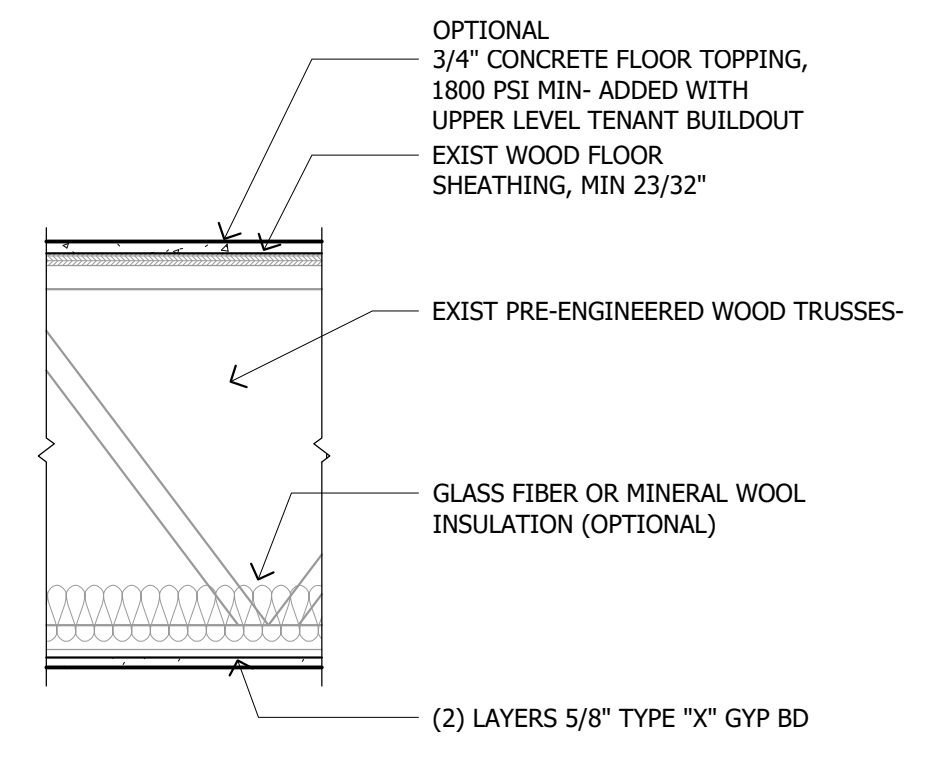
FLOOR / CEILING RADIATION DAMPER
BASED ON RUSKIN CFD(2) SERIES OR EQ. 1 HOUR ASSEMBLY



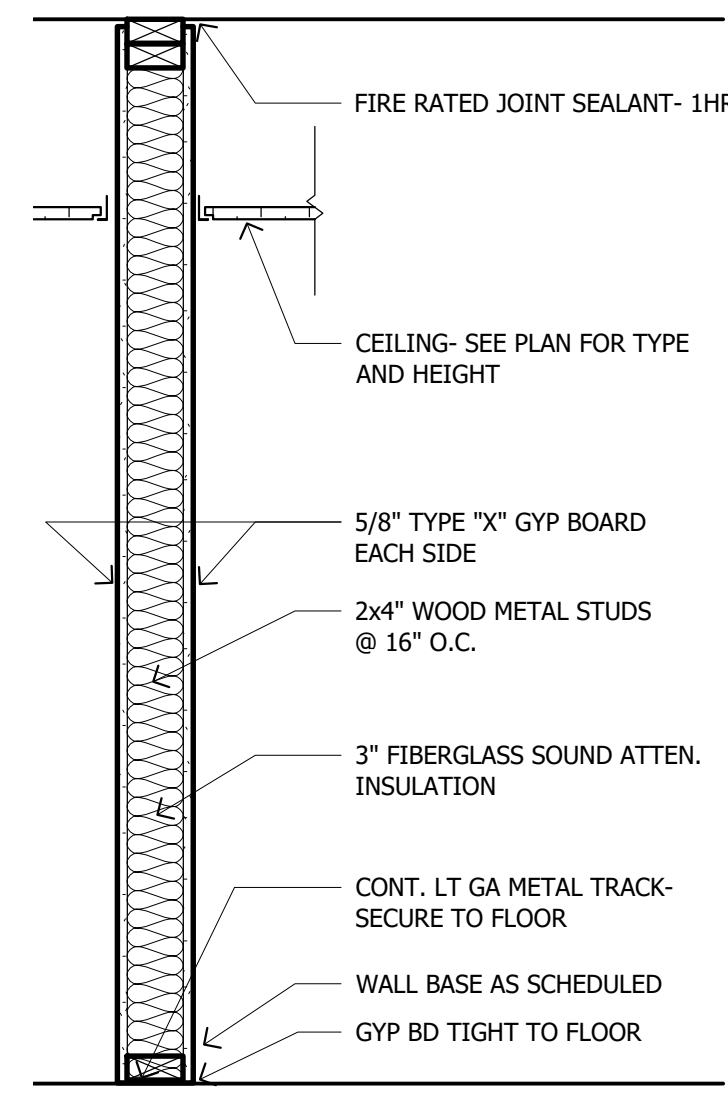
PARTITION FIRE RATED JOINT PROTECTION
NO SCALE



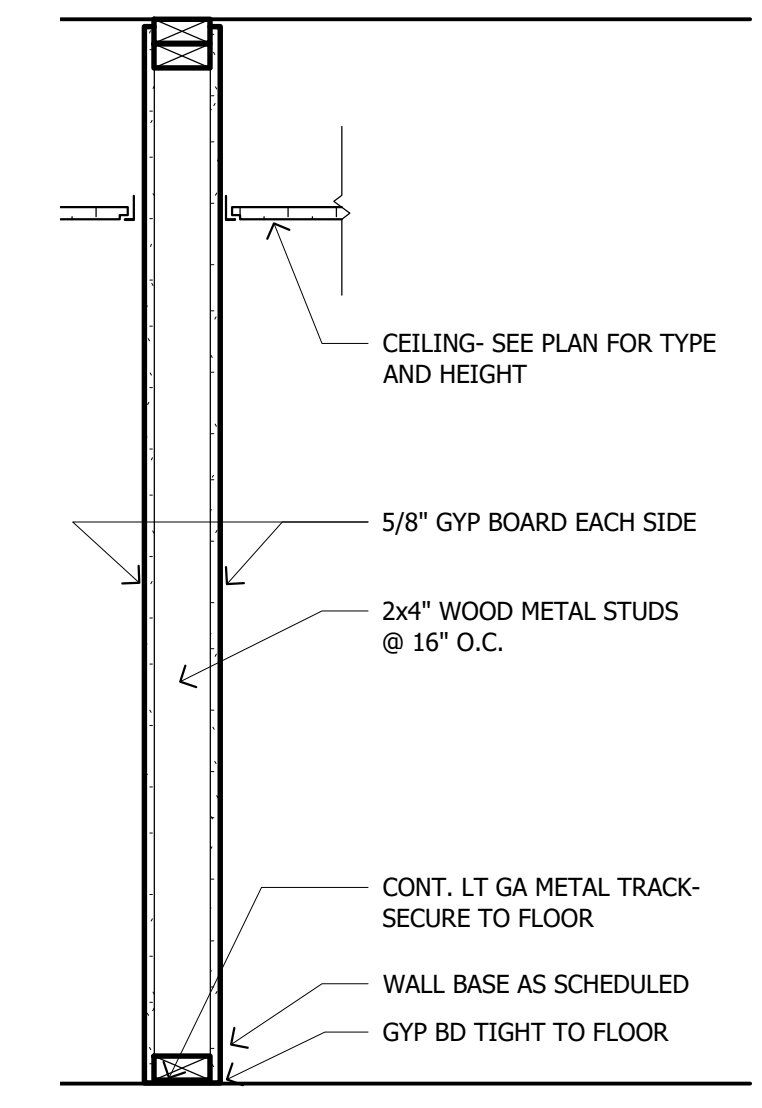
HORIZONTAL ASSEMBLY FIRE RATED JOINT PROTECTION
NO SCALE



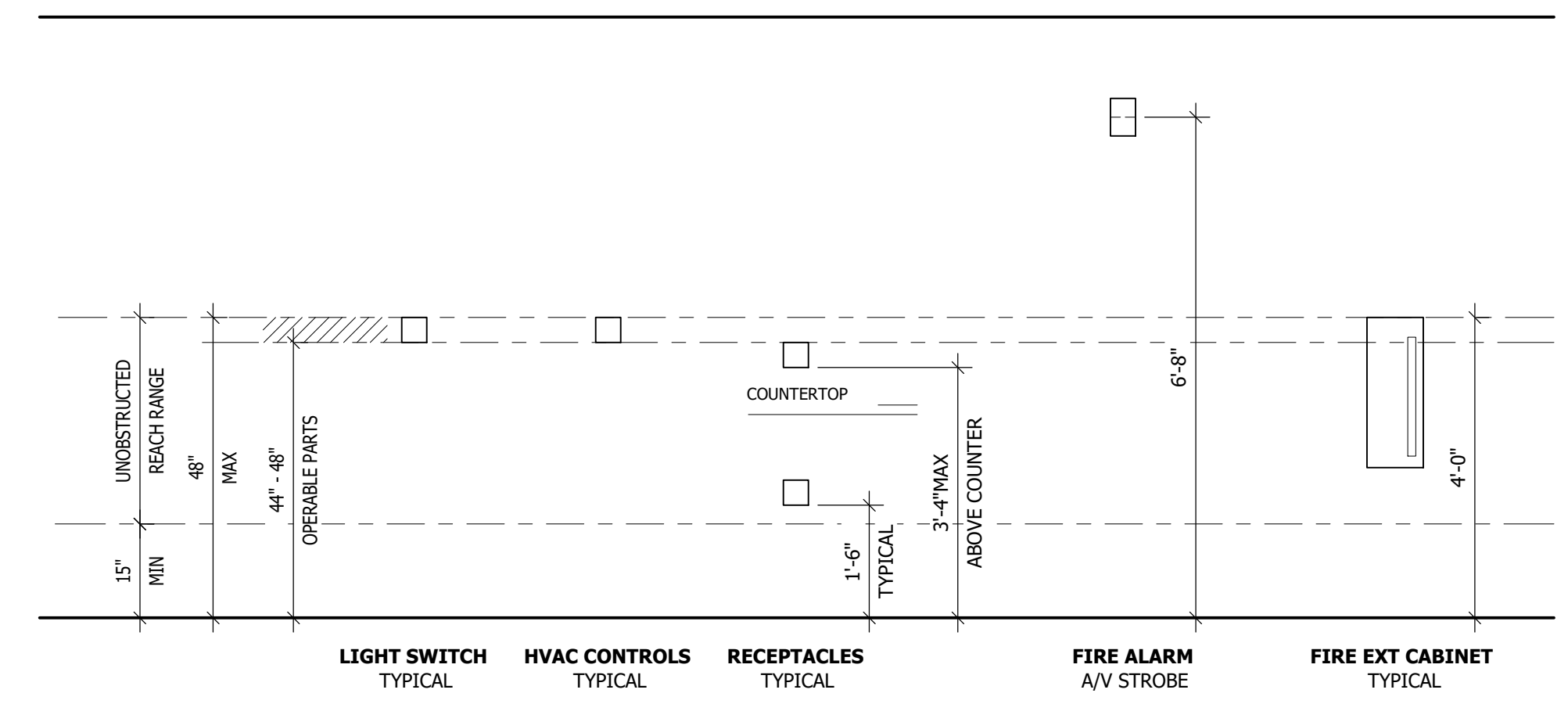
FC1 FLOOR / CEILING ASSEMBLY
1 HR GA #FC 5408 EXISTING



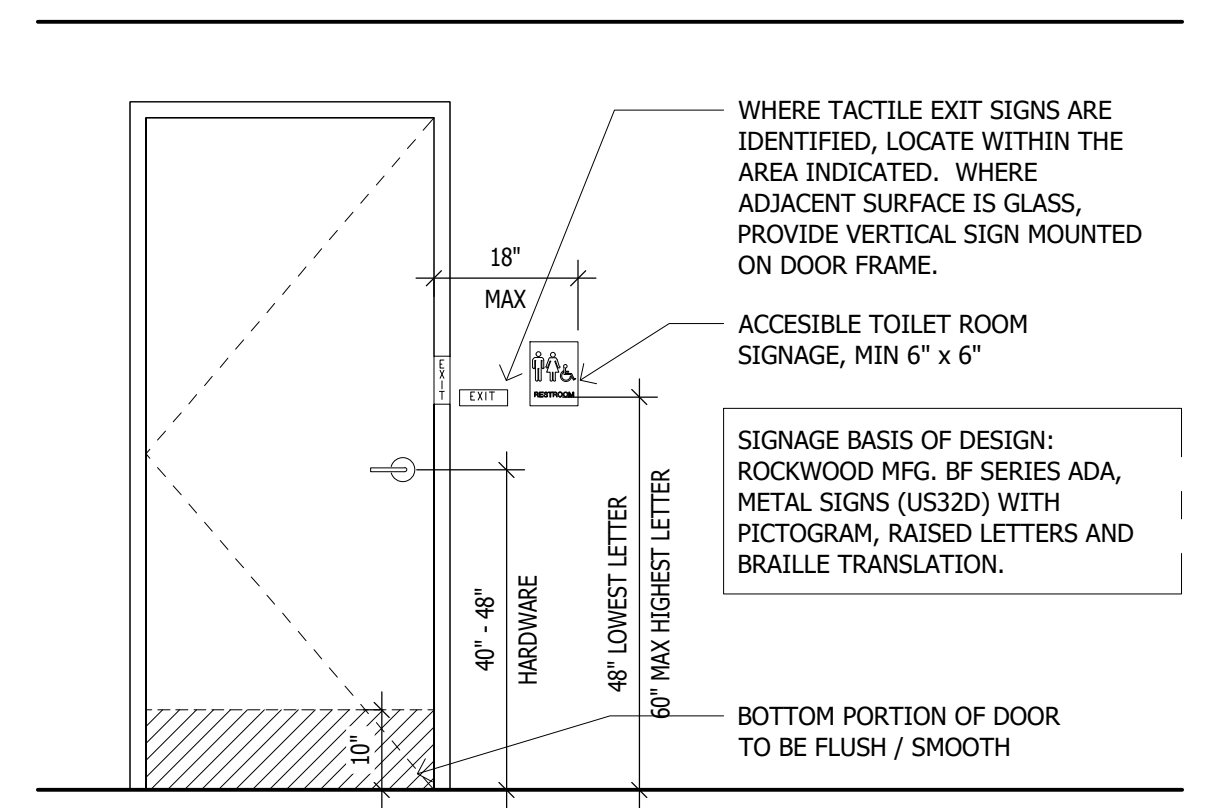
R4 INTERIOR RATED PARTITION
1 HR PER UL U309
R6 SIMILAR EXCEPT 2x6 WOOD STUDS



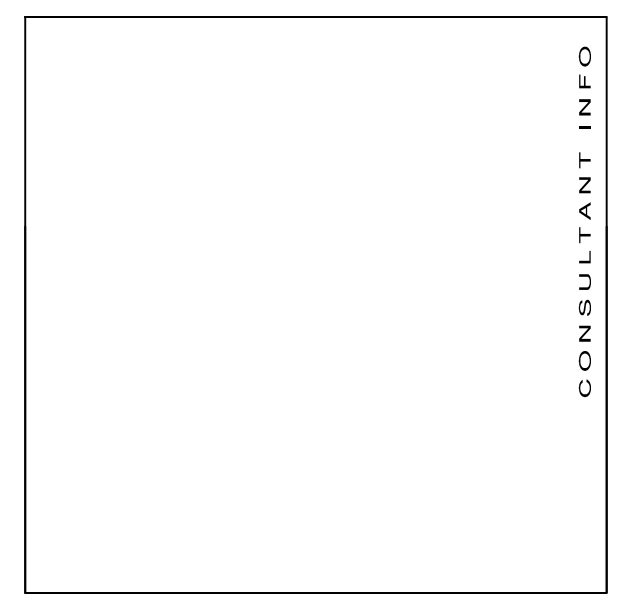
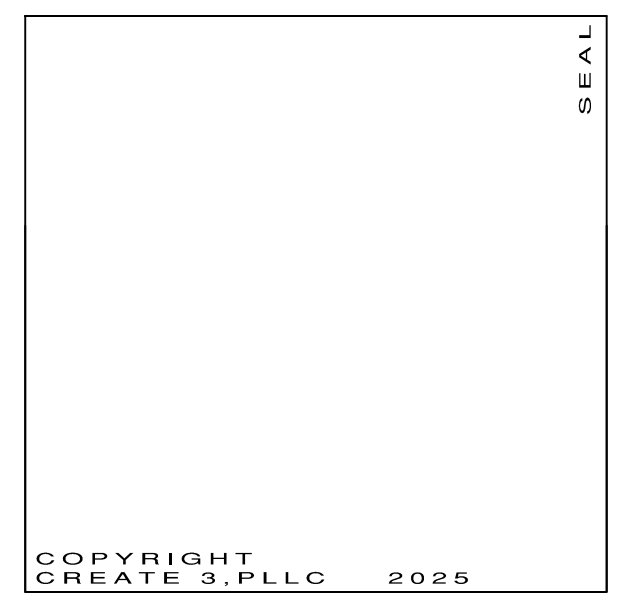
W4 INTERIOR PARTITION
W6 SIMILAR EXCEPT 2x6 WOOD STUDS



MOUNTING HEIGHTS- DEVICES & CONTROLS
NO SCALE



DOORS & SIGNAGE
NO SCALE



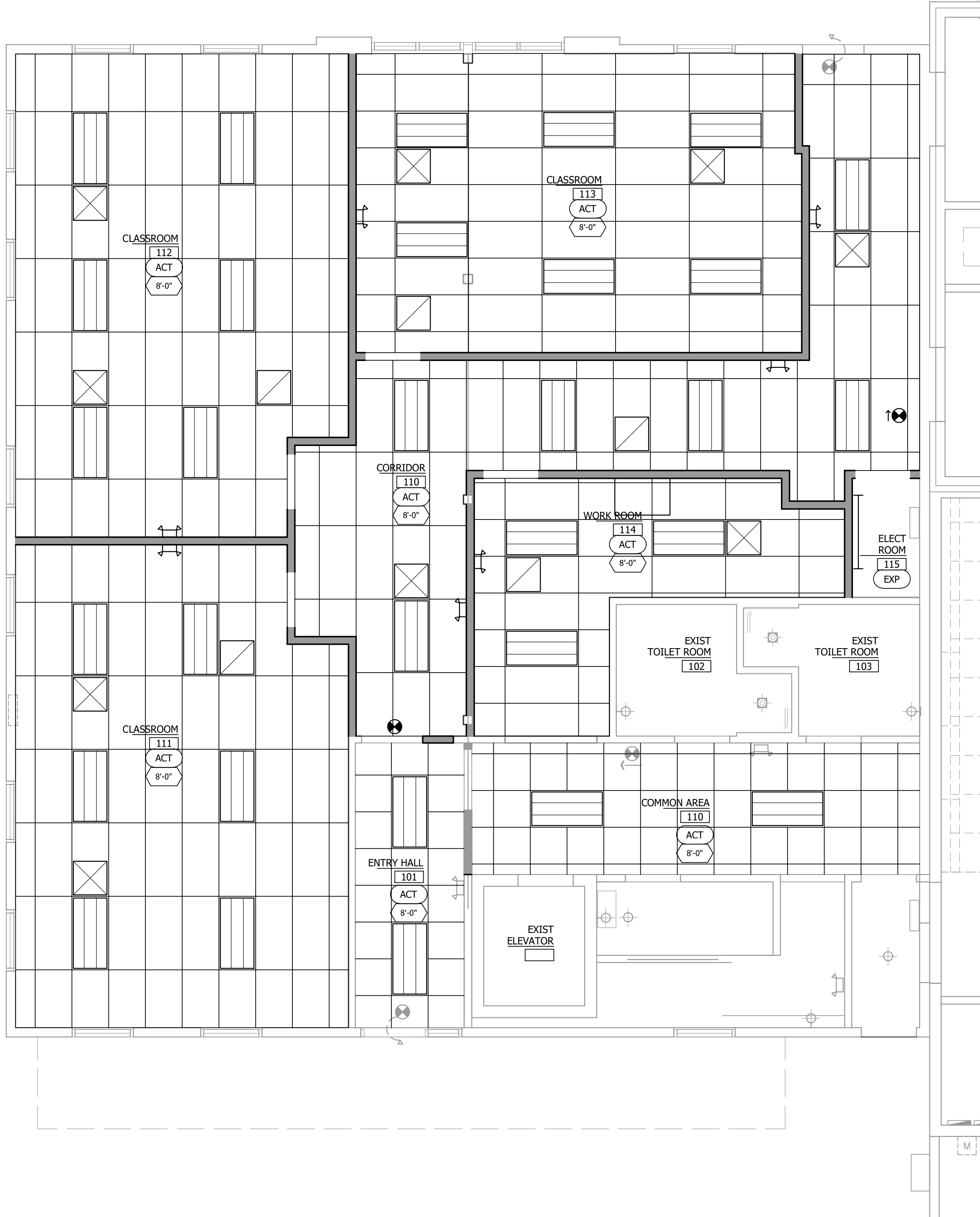
DESCRIPTION	DATE
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PROJECT
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Hastings, Michigan

05-0208
PROJ. #

Accessibility Details,
Rated Assemblies
SHEET

G1.2
NUMBER



CEILING LEGEND

	INDICATES HEIGHT OF CEILING ABOVE FINISHED FLOOR LEVEL
	EXISTING CEILING GRID TO REMAIN
	EXISTING CEILING GRID TO BE REMOVED
	NEW CEILING GRID
	NEW / RELOCATED CEILING DIFFUSER
	EXISTING CEILING DIFFUSER TO BE REMOVED / RELOCATED
	EXISTING LIGHT FIXTURE TO REMAIN
	EXISTING LIGHT FIXTURE TO BE REMOVED / RELOCATED
	NEW / RELOCATED LIGHT FIXTURE

- ### CEILING NOTES
- SUSPENDED ACOUSTICAL CEILINGS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM C635 AND C636.
 - CEILING PRODUCTS SHALL COMPLY WITH THE CEILING FINISH REQUIREMENTS LISTED IN THE BUILDING CODE DATA FOR SMOKE DEVELOPED AND FLAMESPREAD.
 - SUSPENDED TILE CEILINGS SHALL BE LAID OUT SO THAT THE GRID OR TILES ARE CENTERED IN THE ROOM U.N.O. AVOID THE USE OF LESS THAN HALF-WIDTH TILES.
 - COORDINATE THE LOCATION OF MECHANICAL AND ELECTRICAL ITEMS TO BE INTEGRATED INTO THE CEILING GRID. LIGHT FIXTURE PLACEMENT SHALL TAKE PRECEDENCE OVER ALL OTHER COMPONENTS.
 - RECESSED LIGHTS, SPRINKLER HEADS AND SIMILAR ACCESSORIES SHALL BE CENTERED IN THE TILE IN WHICH THEY ARE LOCATED.
 - HANGER WIRES SHALL BE SECURELY ATTACHED TO STRUCTURAL MEMBERS (NOT FLOOR OR ROOF DECK) WITH A MINIMUM No. 12 GAGE, GALVANIZED, SOFT ANNEALED, MILD STEEL WIRE AND BE BRACED TO PREVENT SWAY. WIRES SHALL BE INSTALLED PLUMB AS REQ'D.
 - SUSPENDED GRID SYSTEMS AND HANGER WIRES SHALL NOT BE USED TO SUPPORT CONDUIT, PIPING, DUCTWORK OR LOOSE CABLING. ALL SUCH ELEMENTS SHALL BE INDEPENDENTLY SUPPORTED.
 - PERIMETER WALL TRIMS SHALL BE SECURED THROUGH GYP BOARD INTO WALL FRAMING MEMBERS.



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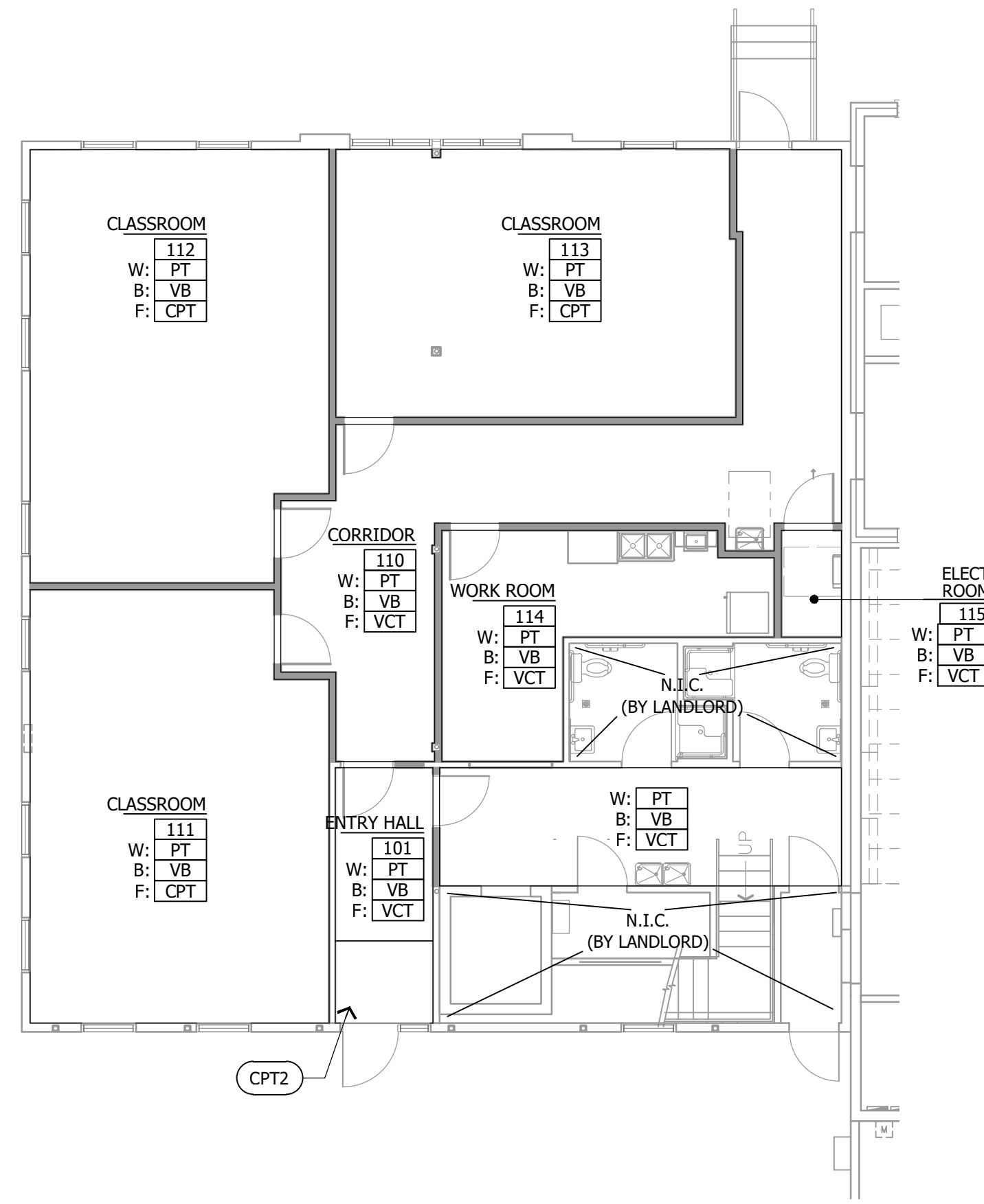
Reflected Ceiling Plan

A3.1

REFLECTED CEILING PLAN
Scale: 1/4" = 1'-0"

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THIS IS A PRELIMINARY DRAWING. Lighthouse Academy - Hastings, Michigan - Working Drawings - Sheets - TVAL.XDWS

- ### MILLWORK NOTES
- MILLWORK, CABINETS, COUNTER TOPS, ETC. SHOWN ARE TO ILLUSTRATE DESIGN INTENT ONLY. SUPPLIER SHALL BE RESPONSIBLE FOR FINAL DETAILING TO THE DIMENSIONS PROVIDED.
 - CABINET DIMENSIONS, HARDWARE, ETC. SHALL COMPLY WITH THE REQUIREMENTS OF ANSI A17.1 (ADA).
 - ALL CABINETS FACES SHALL BE PLASTIC LAMINATE CLAD, U.N.O. INTERIORS SHALL BE MAPLE MELAMINE, U.N.O.
 - PROVIDE FACE MATCHING LAMINATE AT ALL EXPOSED LOCATIONS VISIBLE BEHIND DOORS OR BETWEEN GAPS. LAMINATE SHALL BE AS SPECIFIED OR AS SELECTED BY ARCHITECT.
 - PROVIDE FINISHED PANELS AT ALL EXPOSED CABINET ENDS AND OPENINGS FOR EQUIPMENT AND APPLIANCES. COORDINATE OPENINGS AND SPACES FOR APPLIANCES WITH PRODUCT SPECIFICATIONS.
 - ALLOW FOR A CONTINUOUS RUN OF UNDER CABINET LIGHTING AT ALL WALL CABINETS.
 - COUNTER TOPS SHALL BE MANUFACTURED STONE OR QUARTZ, 3 cm. COLOR AS SPECIFIED OR SELECTED BY ARCHITECT, U.N.O. PROVIDE PENCIL EDGE PROFILE, 1/8" RADIUS.
 - PROVIDE 3/4" SUB TOPS. USE WATER RESISTANT MATERIALS AT ALL WET LOCATIONS.
 - PROVIDE BACK AND SIDE SPLASHES, 4" HIGH, TO MATCH COUNTER TOP, U.N.O.
 - COORDINATE LOCATION OF WALL BLOCKING FOR CABINETS, COUNTER TOPS, ETC. W/ OTHER TRADES. PROVIDE COUNTER TOP SUPPORT BRACES AT OPEN WORK SURFACES NOT TO EXCEED 42" O.C.
 - COORDINATE LOCATION OF COUNTER TOP GROMMETS IN WORK SURFACE TOPS WITH OWNER. PROVIDE 2" DIAMETER, BLACK.
 - PAINT OR SEAL ALL VISIBLE / EXPOSED WOOD, PLYWOOD, BLOCKING, CLEATS, SUPPORTS, BRACES, ETC.
 - SEAL COUNTER TOP TO BACK AND SIDE SPLASH AT ALL WET AREAS WITH CLEAR SILICONE SEALANT.
 - CABINET DOORS AND DRAWERS SHALL BE FURNISHED WITH WIRE PULLS, ADA COMPLIANT, SATIN CHROME FINISH, U.N.O.
 - HINGES SHALL BE 120 DEGREE OPEN, EUROPEAN STYLE, U.N.O. DOORS OVER 32" HIGH SHALL HAVE THREE HINGES PER SIDE.
 - CABINET DRAWERS SHALL BE FURNISHED WITH FULL-DEPTH, SIDE MOUNT, SOFT-CLOSE, BALL BEARING DRAWER SLIDES.



FINISH PLAN
Scale: 1/8" = 1'-0"

FIN	DESCRIPTION
SC	CLEAR, EPOXY SEALER WITH NON-SLIP FINISH. ENSURE COMPATIBILITY WITH NEW CONCRETE AT SAWCUT AND PATCHED AREAS OF FLOOR.
CPT	CARPET: MODULAR CARPET TILES, 12" x 48", SOLUTION DYED, MIN 25 OZ/YD. QUICK SHIP. COLOR & PATTERN AS SELECTED BY OWNER. INSTALL PER MFR RECOMMENDATIONS.
CPT2	WALK-OFF CARPET: 24" x 24" MODULAR, COLOR: BLACK OR CHARCOAL. INSTALL PER MFR RECOMMENDATIONS.
VCT	VINYL COMPOSITION TILE: 12"x12" SQUARE, 0.125" THICK. PROVIDE OPTION FOR UP TO 3 COLORS (NEUTRAL + 2 ACCENT), AS SELECTED BY OWNER. INSTALL PER MFR RECOMM.
VB	VINYL BASE: 4" HIGH WITH COVE. COLOR AS SELECTED BY OWNER.
ACT	ACOUSTICAL CEILING TILE: 2'x2' TILE, ARMSTRONG "ULTIMA" #1993 W/ BEVELED TEGULAR EDGE IN 15/16" PRELUDE SUSPENDED METAL GRID SYSTEM, WHITE. OR EQUAL.
EXP	EXPOSED CONSTRUCTION. PAINT CEILING WHITE, U.N.O.
PNT	LATEX PAINT: GENERAL WALLS, COLOR AND SHEEN AS SELECTED BY OWNER.
PL	PLASTIC LAMINATE (CABINETS): AS SELECTED BY OWNER.
STS	STAINLESS STEEL COUNTER TOP, 18 GA, BRUSHED FINISH.

- ### FINISH NOTES
- ALL FINISHES SHALL COMPLY WITH THE FLAME SPREAD AND SMOKE DEVELOPED CLASSIFICATIONS LISTED IN THE BUILDING CODE DATA.
 - WORKMANSHIP SHALL BE IN CONFORMANCE WITH CURRENT TRADE ASSOCIATION STANDARDS FOR EACH PRODUCT OR SYSTEM INSTALLED.
 - CONTRACTOR(S) SHALL BE RESPONSIBLE FOR EXAMINING AND CONFIRMING ALL SUBSTRATE CONDITIONS WHERE NEW MATERIALS ARE APPLIED. SUBSTRATE SHALL BE SMOOTH, FREE OF DEFECTS AND SHALL CONFORM TO THE REQUIREMENTS OF THE FINISHED MATERIAL MANUFACTURERS WRITTEN RECOMMENDATIONS.
 - FINISH SUBSTITUTIONS SHALL ONLY BE APPROVED PRIOR TO THE AWARD OF CONTRACT BY ARCHITECT. PROVIDE PRODUCTS AS SPECIFIED UNLESS DESIGNATED "OR EQUAL".
 - REFER TO REFLECTED CEILING PLAN(S) FOR CEILING DETAILS, ACCENTS, ETC.
 - ALL FLOORING TRANSITIONS SHALL OCCUR BENEATH THE CENTER OF THE DOOR U.N.O.
 - ALL PAINTS AND ADHESIVES SHALL BE LOW VOC / ODOR.
 - COUNTERTOP SUPPORT BRACKETS SHALL BE FINISHED TO MATCH THE COUNTER TOP. VENEER OR LAMINATE SUPPORT PANELS SHALL MATCH THE ADJACENT CABINET FINISH, U.N.O.
 - PROVIDE SCALED MILLWORK DRAWINGS OF ALL SHOP-BUILT CABINETS, COUNTER TOPS, ETC.
 - PROVIDE PHYSICAL FINISH SAMPLES FOR APPROVAL OF ALL FINISH MATERIALS SPECIFIED. PAINT AND STAIN FINISHES SHALL BE PROVIDED IN THE SPECIFIED SHEEN. TRANSPARENT FINISHES SHALL BE ON THE WOOD SPECIES INDICATED.
 - FIELD FINISH VENTS, GRILLES, ACCESS PANELS, RACEWAYS, ELECTRICAL PANEL BOARDS (IN FINISHED SPACES) TO MATCH SURFACE ON WHICH THEY OCCUR UNLESS NOTED OTHERWISE.
EXCEPTION: ITEMS WITH FACTORY WHITE FINISH, OCCURRING ON WHITE ACT OR WHITE GYPSUM BOARD CEILING SHALL NOT BE PAINTED. STAINLESS STEEL ITEMS SHALL NOT BE PAINTED.
 - REPAIR / REPLACE EXISTING SUSPENDED CEILING GRID & TILE AFFECTED BY NEW WORK.
 - REPAINT EXISTING WALLS, FULL LENGTH, WHERE AFFECTED BY NEW WORK. SPOT PAINTING TO MATCH IS NOT ACCEPTABLE.
 - PROVIDE NEW WALL BASE AT EXISTING WALL AFFECTED BY NEW WORK. NEW AND EXISTING SHALL NOT BE MIXED ON THE SAME WALL.

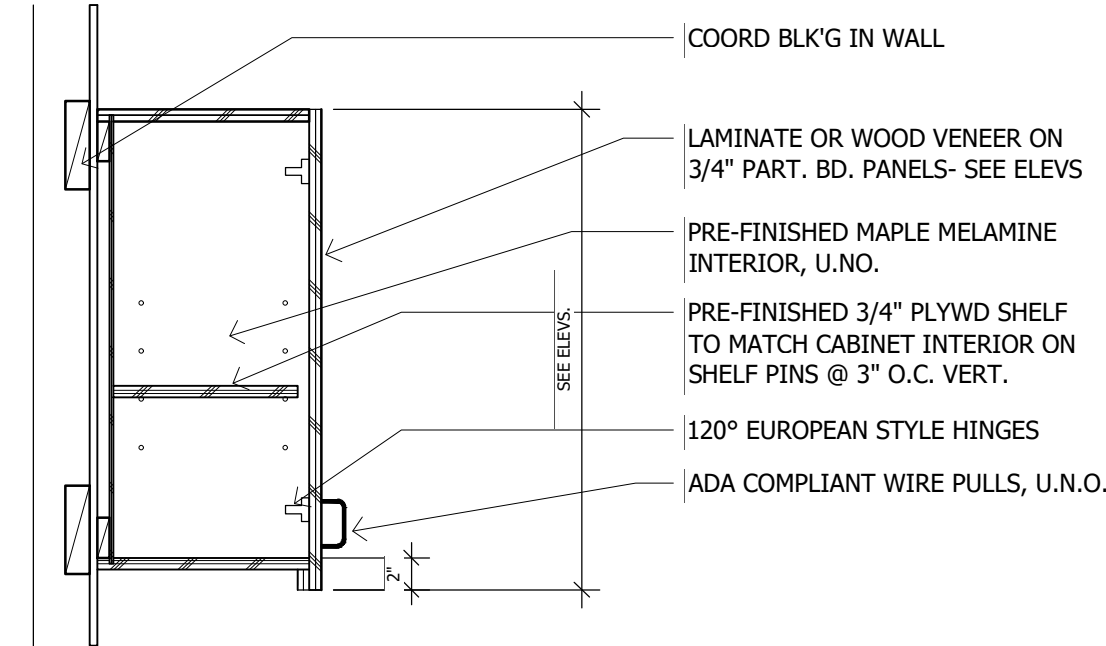
MATERIAL ABBREVIATIONS

AC	ACOUSTIC CEILING	QT	QUARRY TILE
CPT	CARPET, MODULAR	SC	SEALED CONCRETE
CT	CERAMIC TILE	SS	SOLID SURFACE OR MFG. QUARTZ
EPT	EPOXY PAINT	SSV	SEAMLESS SHEET VINYL
EXP	EXPOSED STRUCT.	STC	STAINED CONCRETE
FRP	FIBER REINF. PANEL	STS	STAINLESS STEEL
GYP	GYPSUM BOARD	VB	VINYL BASE
LVP	LUXURY VINYL PLANK	VCT	VINYL COMP. TILE
LVT	LUXURY VINYL TILE	WC	WALL COVERING
PL	PLASTIC LAMINATE	WD	WOOD
PT	PAINT		

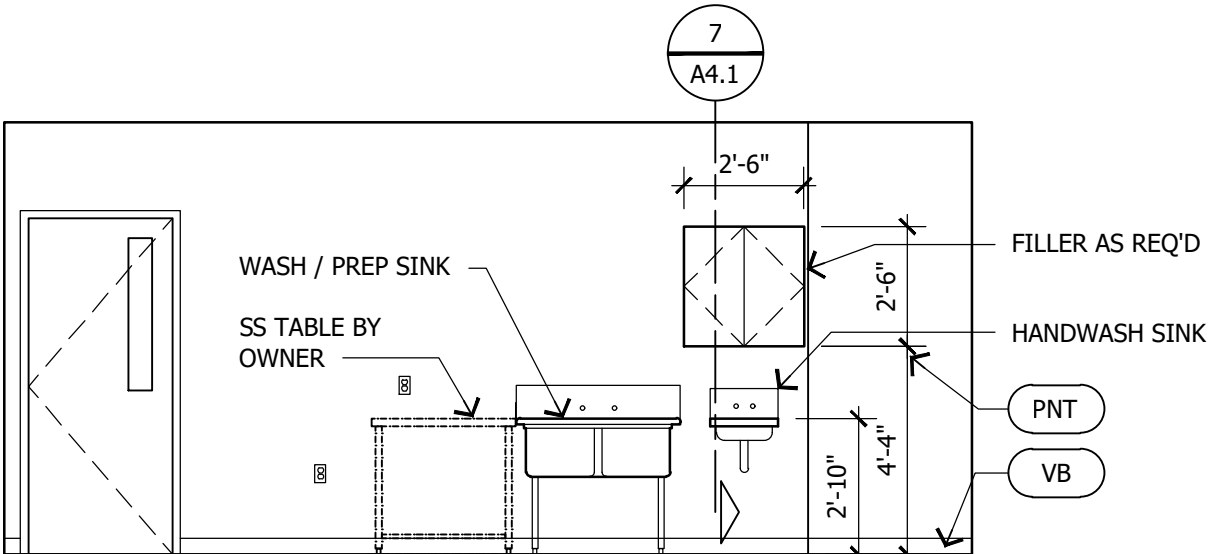


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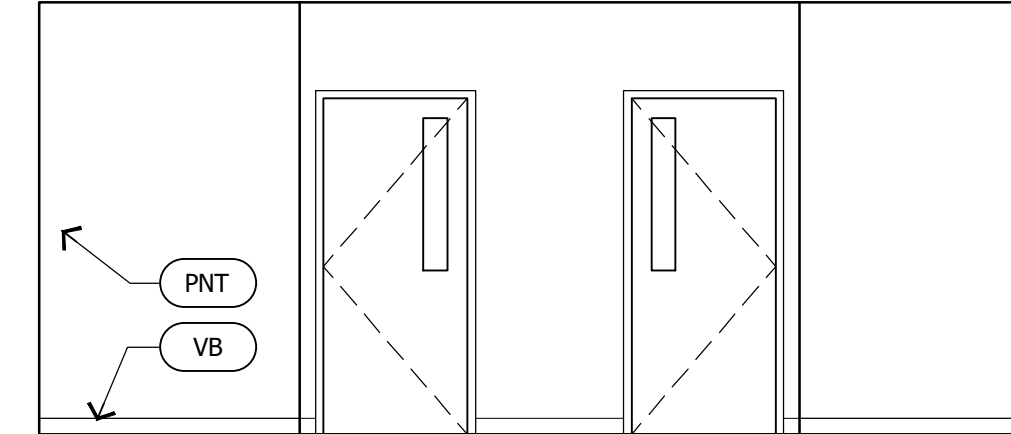
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7 CABINET SECTION
SCALE: 1" = 1'-0"

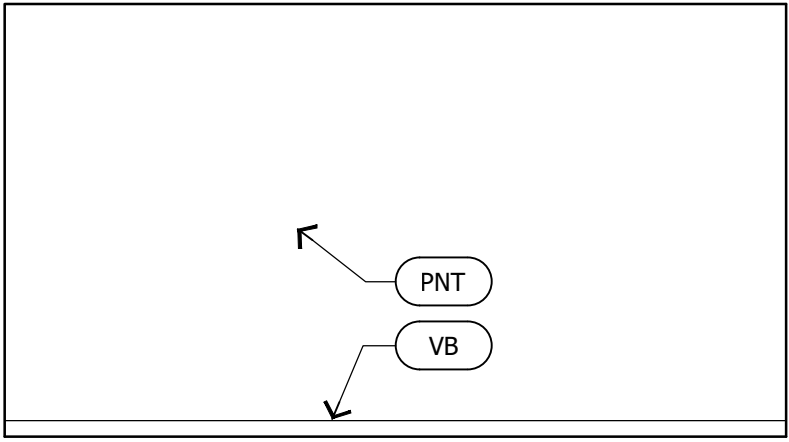


6 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

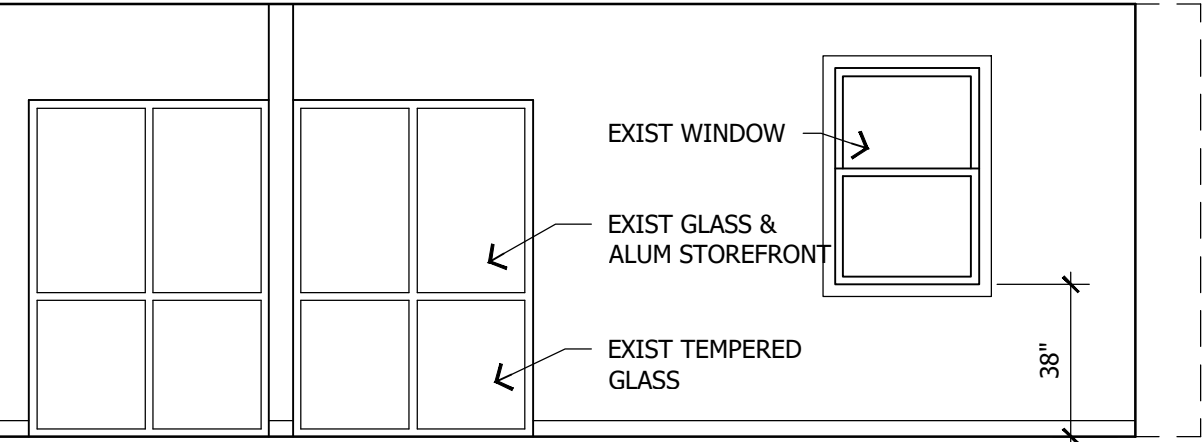


5 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

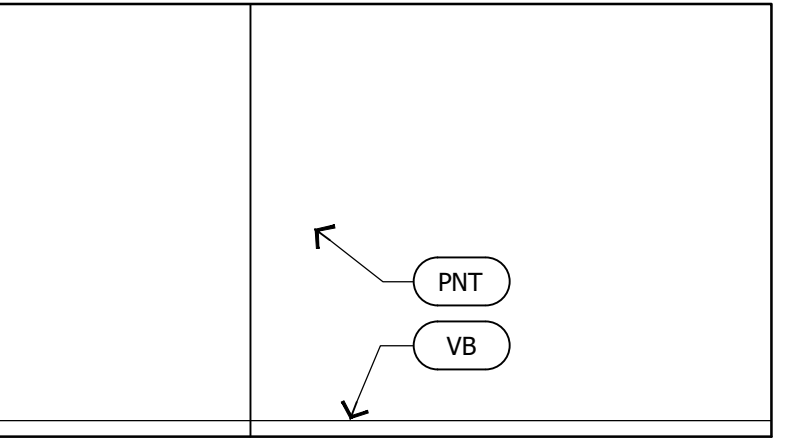
NOTE:
THE OWNER SHALL FURNISH ALL WINDOW OBSCURING COVERINGS OR DEVICES AS REQ'D.



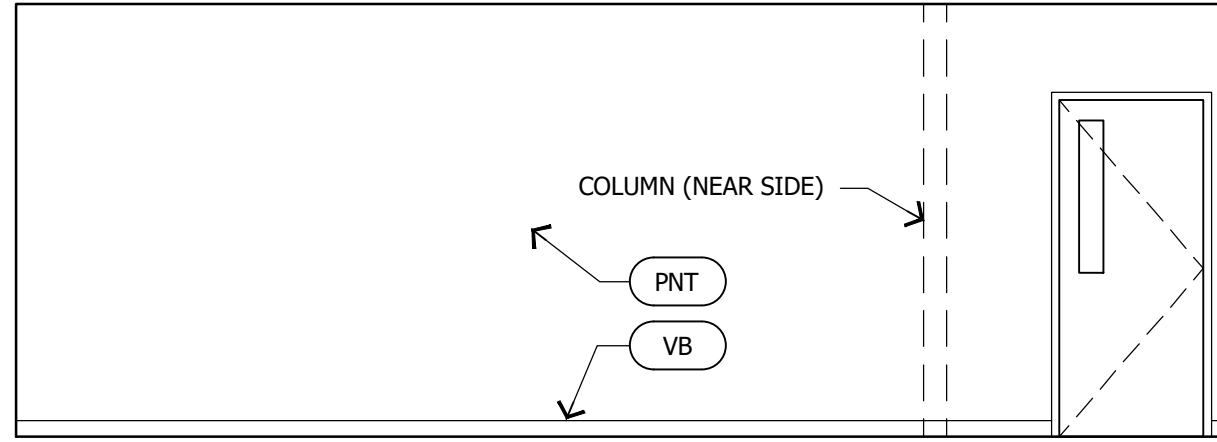
4 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



3 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



2 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



1 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

CONSULTANT INFO


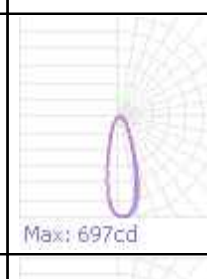

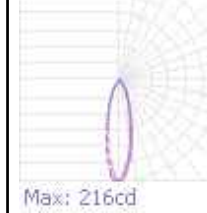
DESCRIPTION	DATE
BID & PERMIT	03/31/25

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400 W. State Street
Hastings, Michigan

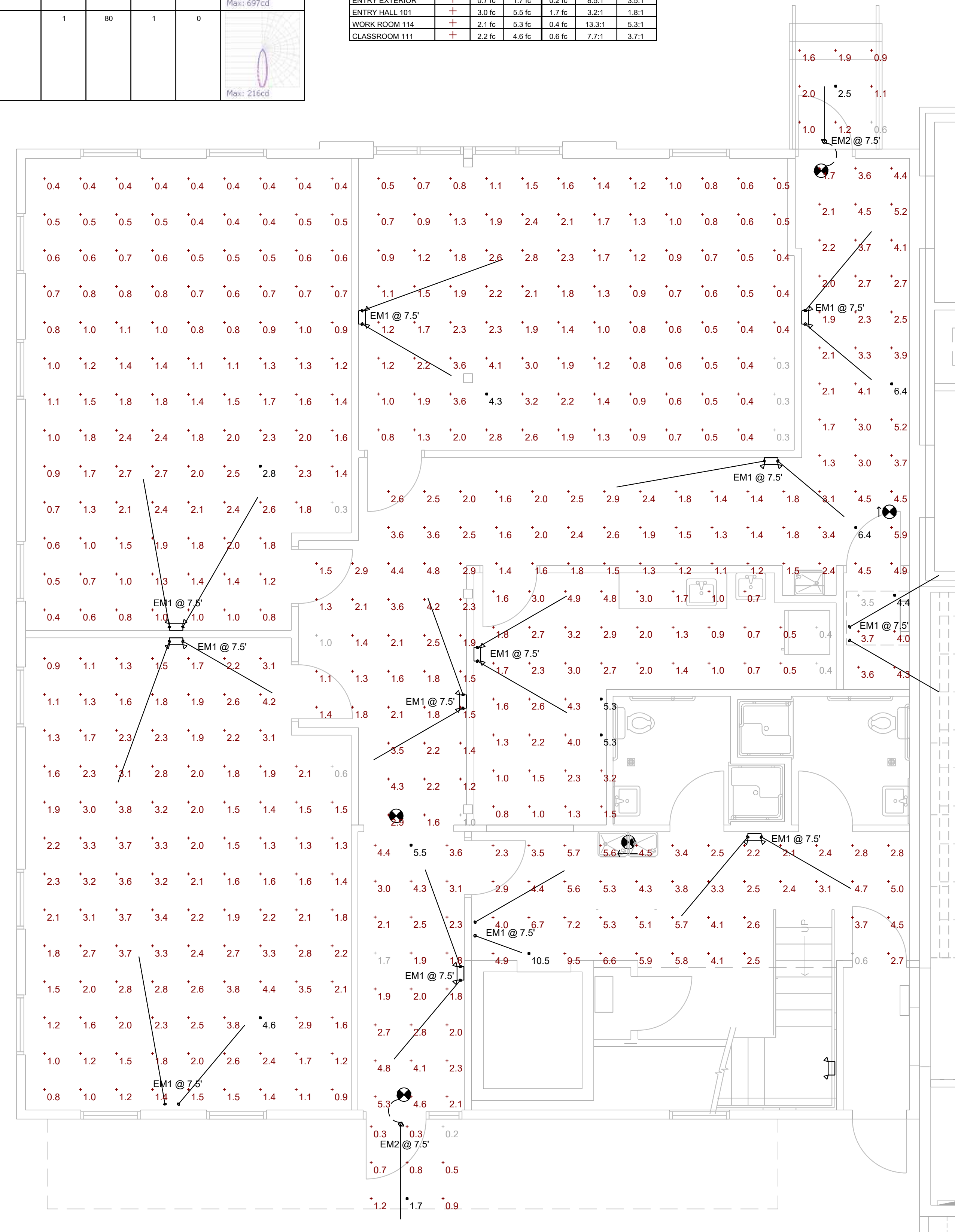
05-0208

Interior Elevations,
Finish Plan
& Details

A4.1

Schedule											
Symbol	Label	Image	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power	Polar Plot
○	EM1		12	Lithonia Lighting	ELM4L	ELM4L SP640L	1	345	1	2.5	 Max: 697cd
○	EM2		2	Lithonia Lighting	ELA Q L0304	ELM2 LED REMOTE LAMP HEAD	1	80	1	0	 Max: 216cd

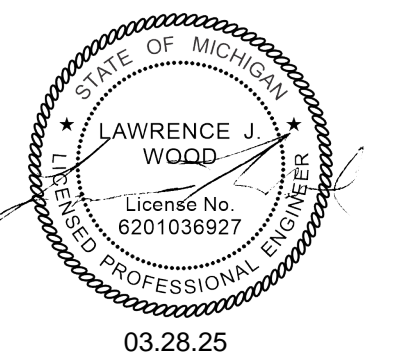
Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
CLASSROOM 112	+	1.2 fc	2.8 fc	0.3 fc	9.3:1	4.0:1
CLASSROOM 113	+	1.3 fc	4.3 fc	0.3 fc	14.3:1	4.3:1
COMMON AREA 110B	+	4.3 fc	10.5 fc	0.6 fc	17.5:1	7.2:1
CORRIDOR 110	+	2.6 fc	6.4 fc	1.0 fc	6.4:1	2.6:1
CORRIDOR EXTERIOR	+	1.4 fc	2.5 fc	0.6 fc	4.2:1	2.3:1
ELECT ROOM 115	+	3.9 fc	4.4 fc	3.5 fc	1.3:1	1.1:1
ENTRY EXTERIOR	+	0.7 fc	1.7 fc	0.2 fc	8.5:1	3.5:1
ENTRY HALL 101	+	3.0 fc	5.5 fc	1.7 fc	3.2:1	1.8:1
WORK ROOM 114	+	2.1 fc	5.3 fc	0.4 fc	13.3:1	5.3:1
CLASSROOM 111	+	2.2 fc	4.6 fc	0.6 fc	7.7:1	3.7:1



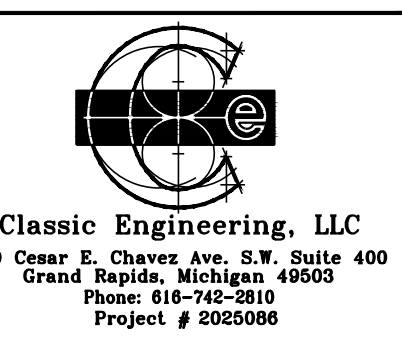

FLOOR PLAN - EMERGENCY PHOTOMETRICS
 SCALE: 1/4" = 1'-0"



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DESCRIPTION	DATE
PERMITS	03-28-25

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**FLOOR PLAN
EMERGENCY
PHOTOMETRICS**

E1.2