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HOPKINS COUNTY AUXILIARY
GYMNASIUMS RENOVATION & ADDITION

BG# 22-408

DESIGN DEVELOPMENT

OCTOBER 17, 2022

HOPKINS COUNTY CENTRAL HIGH SCHOOL
6625 HOPKINSVILLE ROAD
MADISONVILLE, KENTUCKY 42431

MADISONVILLE NORTH HOPKINS HIGH SCHOOL
4515 HANSON ROAD
MADISONVILLE, KENTUCKY 42431

OWNER:

HOPKINS COUNTY BOARD OF EDUCATION

SCB PROJECT NUMBER: 2221

AMY SMITH - SUPERINTENDENT
STEVE FAULK - CHAIRPERSON
SHANNON EMBRY - VICE CHAIRMAN
KERRI SCISNEY - MEMBER
BOBBY FOX - MEMBER
JOHN OSBORNE - MEMBER
KEITH CARTWRIGHT - BOARD ATTORNEY



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ARCHITECTS, PLLC
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541 DARBY CREEK ROAD
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LEXINGTON, KY 40509
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SHERMAN CARTER BARNHART
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P (859) 224-1351 F (859) 224-8446

STRUCTURAL ENGINEER

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ARCHITECTS, PLLC
9300 SHELBYVILLE ROAD
HURSTBOURNE PLACE, SUITE 502
LOUISVILLE, KY 40222
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MECHANICAL/ELECTRICAL ENGINEER

MARCUM ENGINEERING, LLC
500 S. 17TH ST./P.O. BOX 120
PADUCAH, KY 42002
P (270) 444-9274 F (270) 443-1904

UTILITIES ENGINEER

BACON FARMER WORKMAN
ENGINEERING & TESTING, INC.
500 S. 17TH ST./P.O. BOX 120
PADUCAH, KY 42002
P (270) 443-1995 F (270) 443-1904

GENERAL NOTES

Q-N-1 (N.O.) MEANS NOT IN CONTRACT. TO BE PROVIDED BY OWNER AND INSTALLED BY OWNER.

Q-N-2 DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS ARE GIVEN OVER SCALED DIMENSIONS.

Q-N-3 MASONRY DIMENSIONS ARE NOMINAL. EXTERIOR WALL DIMENSIONS ARE TO EXTERIOR FACE OF BRICK.

Q-N-4 REFER TO ENLARGED PLANS FOR DIMENSIONS NOT SHOWN ON 1/8" SCALE PLANS.

Q-N-5 CONTINUOUS SILLING AND BACKEK ROD TO BE USED FOR PROPER JOINT. JOINT MATERIAL SHALL BE AN EPOXY RESIN. ALL INTERJOINTS OF MASONRY, POLYMER MORTAR AND ALUMINUM FRAMING, FRP, GYPSUM BOARD, METAL SPOFFS/FRAMES, AND OTHER MATERIALS, CHANGES WHERE SPECIFICALLY INDICATED ON ALL LOCATIONS OR NOT. BACKEK ROD SHALL BE 1/2" BEYOND ALL SEWALL CONDITIONS TYPICAL. WHERE SPECIFIC CONDITIONS DO NOT ALLOW BACKEK ROD TO BE USED, A BOND BREAKER SHALL BE USED AT THE BACK OF THE JOINT.

Q-N-6 AT ALL BASE LOCATIONS, CONTRACTOR TO INSTALL, NON-BULBIOUS CMU AT FIRST COURSE OF MASONRY. REFER TO Q-N-1, Q-N-4.

Q-N-7 ALL CONCEALED WOOD FRAMING AND PLYWOOD SHALL BE FIRE-RETARDANT TREATED (FRT) EXCEPT THAT NOW-F.R.T. BLOCKING, WALLS AND FURNISHING MAY BE USED WHERE INSTALLED IN ACCORD WITH KBC SECTION 803.3 INCLUDING MASONRY/WOOD BLOCKING. WOOD BLOCKING SHALL BE INSTALLED IN ACCORD WITH KBC SECTION 803.3. PARAGRAPH 17 FOR HANDRAILS, MILLWORK, CABINETS, WINDOWS AND DOORS IS NOT REQUIRED TO BE F.R.T. AT CORNERS AND ROOFING TERMINATIONS ALL BLOCKING SHALL BE PRESSURE TREATED (PT). WHERE WOOD BLOCKING IS IN CONTACT WITH CMU, CALCIUM SILICATE MASONRY OR CONCRETE, SUCH BLOCKING SHALL BE PRESSURE TREATED. SEE GENERAL NOTES Q-N-8, Q-N-9 AND Q-N-10 FOR SPECIAL REQUIREMENTS AT P.T. WOOD.

Q-N-8 ALL WOOD BLOCKING AND NAILERS IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE PRESERVATIVE TREATED (P.T.).

Q-N-9 ALL P.T. WOOD SHALL BE SEPARATED FROM CONTACT WITH ANY METAL COMPONENTS INCLUDING ELASTOMERIC MEMBRANE FLASHING OR ANY SIMILAR PERMANENT MEANS.

Q-N-10 ALL ANCHORS AND FASTENERS IN CONTACT WITH P.T. WOOD SHALL BE STAINLESS STEEL OR G90 HOT DIPPED GALVANIZED, MINIMUM.

Q-N-11 CONTRACTOR SHALL PROVIDE ALL MATERIALS INCLUDING BLOCKING REQUIRED FOR ATTACHMENT AND SUPPORT OF EQUIPMENT; FIXTURES, WINDOWS, ETC.

Q-N-12 GYPSUM CEILING BOARD SHALL BE USED AT ALL HORIZONTAL APPLICATIONS OF GYPSUM BOARD.

Q-N-13 REFER TO STRUCTURAL DRAWINGS FOR THICKS, SIZE, LOCATION, CONNECTIONS, REINFORCEMENT AND OTHER REQUIREMENTS PERTAINING TO STRUCTURAL CONNECTIONS INDICATED.

Q-N-14 REFER TO STRUCTURAL DRAWINGS FOR JOINT SCHEDULE. WHERE STEEL PLATES ARE A PART OF JOINTS, FACE OF JOINT SHALL BE INSET 1/2" FROM FACE OF CMU AND JOINT SHALL BE REINFORCED IN LINE WITH JOINT. ALL JOINTS TO BE CONCEALED. EPOXY, ALL RELEF ANCHORS AND EXPOSED CONNECTIONS OF STEEL JOINTS, BRACKETS, AND SUPPORTS IN EXTERIOR WALLS SHALL BE HOT DIPPED GALVANIZED, ALL EXPOSED PORTIONS OF JOINTS AND SUPPORTS SHALL BE HOT DIPPED GALVANIZED.

Q-N-15 VENERY REQUIRED DEPTH OF ALL RECESSED SLABS WITH APPROPRIATE MANUFACTURER PERIOD TO PLACEMENT OF SLAB.

Q-N-16 REFER TO MECHANICAL DRAWINGS FOR ALL FLOOR DRAIN LOCATIONS. TOP OF FLOOR DRAIN LOCATIONS ARE USUALLY 1" LESS THAN TYPICAL FLOOR ELEVATION, U.N.O.

Q-N-17 LC-BEADS SHALL BE TYPICAL AT ALL GYPSUM BOARD TERMINATIONS, TYPICAL. CORNER BEADS SHALL BE USED AT ALL GYPSUM BOARD OUTSIDE CORNERS, TYPICAL. AT ALL LC-BEADS, CORNER BEADS, AND METAL REVEALS, TRIM FLANGES SHALL BE WELDED AND FINISHED TO PRODUCE A MONOLITHIC GYPSUM BOARD FINISH OVER THE PLANE TO THE FINISHED EDGE.

Q-N-18 PAINTED ACCESS PANELS SHALL BE PROVIDED AND INSTALLED WHERE REQUIRED TO MAINTAIN CONCEALED ELECTRICAL AND MECHANICAL SYSTEMS WHERE INDICATED ON THESE DRAWINGS OR NOT. LOCATIONS SHALL BE APPROVED BY THE ARCHITECT.

Q-N-19 SAWCUT ALL NON-LOAD-BEARING MASONRY SO AS TO MAINTAIN A 3" SOFT JOINT BETWEEN TOP OF MASONRY AND BOTTOM OF STRUCTURE.

Q-N-20 CONTACT TOPPING DISSIMILAR METALS SHALL BE SEPARATED WITH BUTYL TAPE.

[illegible]

P18	INTERIOR MASONRY AND/OR GYPSUM BOARD EXPOSED TO VIEW SHALL BE PAINTED UNLESS NOTED OTHERWISE. REFER TO ROOM FINISH GROUPS.
P19	REFER TO ROOM FINISH GROUPS FOR BASE COORDINATION.
P20	AT EXTERIOR MASONRY WALLS, CMU SHALL BE EXTENDED TIGHT TO TOP OF MAJOR ROOF DECKS INCLUDING AROUND ALL PENETRATIONS SUCH AS BEAMS, JOIST ENDS, ETC. FILLING VOIDS IN EXT. CMU BACK-UP WITH INSULATION IN LIEU OF A SOLID MASONRY ENCLOSURE SHALL NOT BE PERMITTED.
P21	REFER TO PARTITION DETAILS ON SHEET A6.1 FOR SPECIFIC CONNECTION AND ATTACHMENT BRACING OF NON-LOAD BEARING INTERIOR PARTITION WALL TO STRUCTURE DECK ABOVE.
P22	REFER TO DETAIL A6.1 FOR TYPICAL BASE FLASHING DETAIL.
P23	WHERE GYP. ASSEMBLIES SPECIFIED AT WET WALL LOCATIONS, WATER RESISTANT GYPSUM BOARD TO BE INSTALLED.
P24	METAL STUD FRAMED PARTITIONS, SOFFITS, ETC. TO BE LATERALLY BRACED TO UNDERSIDE OF ROOF FRAMING OR ADJACENT MASONRY WALLS AT 8'-0" O.C. MAX. U.N.O.
P25	NON-REINFORCED, SINGLE-WYTHE, MASONRY PARTITION WALLS THAT ARE SCHEDULED TO STOP 4' ABOVE ADJACENT C.G. AND EXCEED 20'-0" UNBRACED LENGTH (IE INTERSECTING WALLS OR CORNERS) SHALL BE LATERALLY BRACED AT 8'-0" O.C. W/ 16 GA. 4" STUD FRAMING TO UNDERSIDE OF ROOF STRUCTURE ABOVE.
P26	REFER TO DETAILS ON SHEET A6.1 FOR TYPICAL INTERIOR LOAD BEARING FULL HT. CMU PARTITION DTLS.
P27	REFER TO DETAIL 2A.7.1 FOR TYPICAL SOFFIT SUPPORT FROM STRUCTURE ABOVE.
P28	GYP. BD. WALL TYPES AT ADMINISTRATION TO BE ST-C0.
P29	ALL INTERIOR MASONRY WALLS SHALL RECEIVE CONTROL JOINTS AT 2'-0" MAX. U.N.O.
P30	SHOWOUT ALL NON-LOAD BEARING MASONRY SO AS TO MAINTAIN A 3" SOFFIT JOINT BETWEEN TOP OF MASONRY AND BOTTOM OF STRUCTURE.
P31	EXTERIOR WALLS ARE TO BE SEALED "AIRTIGHT".
P32	REFER TO SPECIFICATIONS FOR GYPSUM BOARD CONTROL JOINT SPACING REQUIREMENTS. REFER TO DRAWINGS FOR SPECIFIC LOCATION REQUIREMENTS.
P33	PROVIDE MECHANICAL RESTRAINT FOR INSULATION, AS REQUIRED TO MAINTAIN COMPLETE TIGHT FIT, WHERE INSULATION NOT RESTRAINED BY OTHER CONSTRUCTION.
P34	PROVIDE CLOSED CELL NEOPRENE SILL PLATE GASKET BELOW STUD TRACKS AT ALL INTERIOR AND EXTERIOR STUD WALLS TO SEPARATE STUDS FROM CONCRETE.

INTERIOR WALL TYPES

12" ICF WALL SYSTEM /
18" O.P. RD. (BOTH SIDES) /
(RATED ASSEMBLY AS NOTED ON
FLOOR PLANS)

8" (NOM.) CMU

1

2

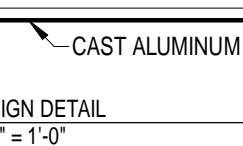
GROUT ALL CELLS
SOLID BELOW ELEV.
100'-0", TYP.

6" (NOM.) CMU

3


GROUT ALL CELLS
SOLID BELOW ELEV.
100'-0", TYP.

INTERIOR WALL TYPES




CAST ALUMINUM

SIGN DETAIL
3" x 1'-0"




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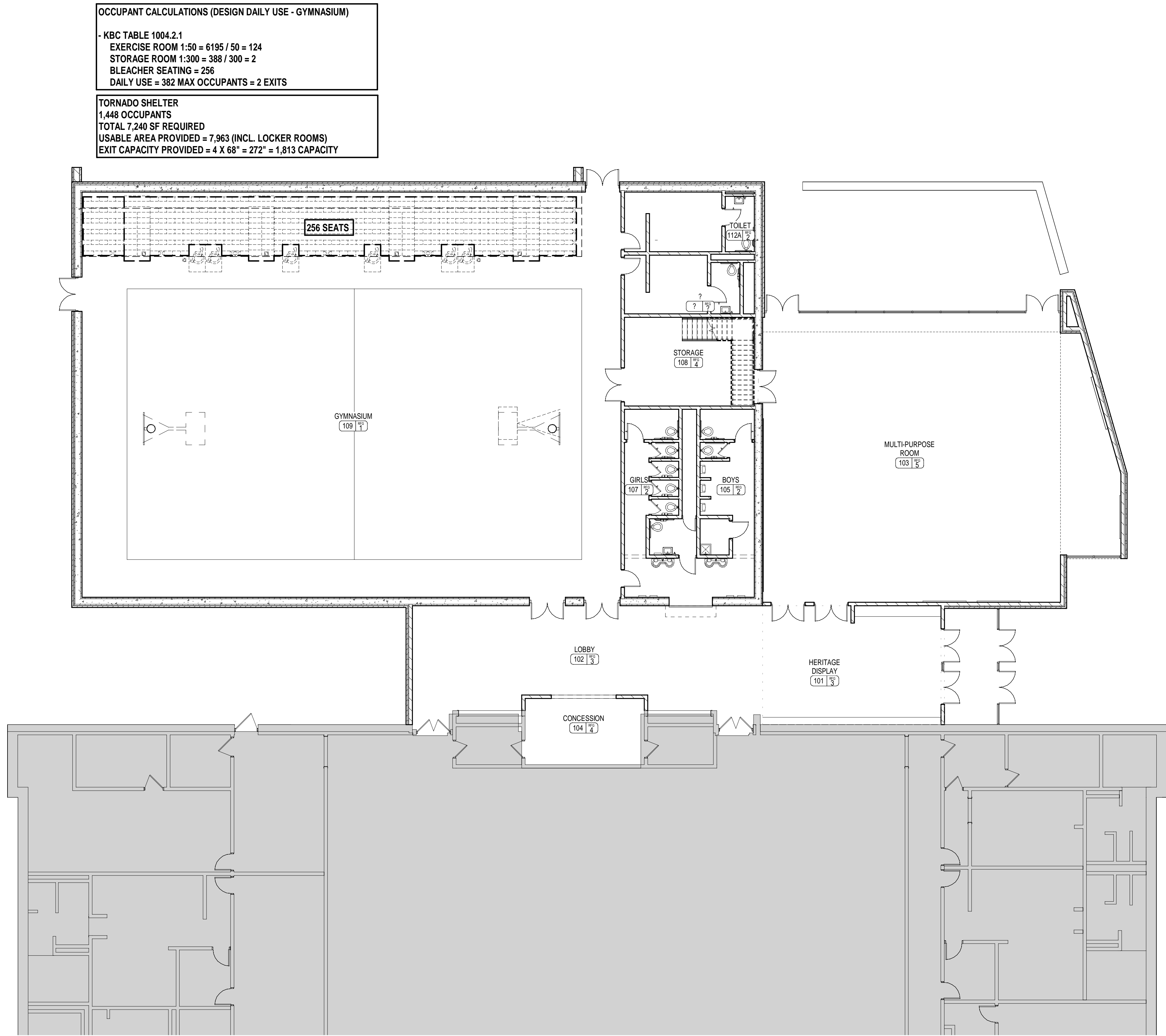


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GENERAL SIGNAGE NOTES

1. CHARACTERS SHOWN ON THIS SHEET ARE COMPUTER GENERATED. SPACING OF CHARACTERS IS NOT ACCURATE. CORRECT VISUAL SPACING IS THE RESPONSIBILITY OF THE MANUFACTURER.
2. PICTOGRAMS ARE SHOWN HEREIN FOR INFORMATION AND INTENT ONLY. MECHANICAL, CAMERA - READY ARTWORK SHALL BE SUPPLIED BY THE SIGNAGE CONTRACTOR.
3. COLORS OF PANEL SIGNS TO BE SELECTED BY ARCHITECT.
4. UNLESS OTHERWISE NOTED, ALL SIGNS TO BE MOUNTED BESIDE DOORS AT 5'-0" A.F.F. TO CENTER OF SIGN AND 2" FROM EDGE OF DOOR FRAME ON THE STRIKE SIDE. THE ARCHITECT SHALL BE CONSULTED BEFORE PLACEMENT OF SIGNAGE FOR LEFTHAND AND RIGHTHAND ORIENTATION OF SIGNS.
5. UNLESS OTHERWISE NOTED, ALL SIGNS TO BE MOUNTED UNDER WINDOWS OR SIDELITES SHALL BE MOUNTED 2" FROM BOTTOM OF SILL TO TOP EDGE OF SIGN AND CENTERED ON THE WINDOW.
6.  SIGN DETAILS - THREE CHARACTER NUMBER TO BE SUPPLIED BY ARCHITECT.
7. ALL SIGNAGE SHALL MEET REQUIREMENTS OF ADAAG OF THE AMERICANS WITH DISABILITIES ACT (ADA).
8. MESSAGE (COPY) TO BE DETERMINED BY ARCHITECT / OWNER.
9. ALL SIGNS TO BE 8"x8", U.N.O.
10. ROOM NAMES AND NUMBERS SHOWN HERE ARE FOR CONSTRUCTION PURPOSES ONLY. FINAL ROOM NAMING AND NUMBERING FOR SIGNAGE SHALL BE PROVIDED BY OWNER.
11. ALL SIGNAGE KEY NOTES WITH AN ASTERISK (*) ARE FOR CLARIFICATION OF THE MOUNTING LOCATION OF A SIGN SPECIFIED IN THE DOOR SCHEDULE.
12. ALL SIGNAGE SHOWN MOUNTED ON H.M. OR ALUM. STOREFRONT FRAMES TO BE FULLY ADHERED TO THE GLASS 5'-0" A.F.F. WITH FINISHED BACK PANEL.

FLEX	FLEXIBLE	SM	SIMILAR
FR	FIRE RETARDANT TREATED	S.M.	SHEET METAL
FOOT	FOOTING	SPA	SPACE(S)
FURR.	FURRING	SPEC(S).	SPECIFICATIONS
F.V.	FLUID VERIFY	SPM	SINGLE PLY MEMBRANE
		SQ.	SQUARE
		S.S.	STAINLESS STEEL
GA.	GAUGE	STA	STATION
GALV.	GALVANIZED	STD	STANDARD
GB	GRAB BAR	STL	STEEL
GEN	GENERATOR	STR.	STORAGE
GF CMU	GROUND FACE CONC. MAS. UNIT	STRUCT.	STRUCTURAL
GI	GALVANIZED IRON	SUSP	SUSPENDED
GR	GROUND FAULT INTERRUPT	SYMM	SYMMETRICAL
GL	GLASS GLAZING		
GLUE LAM	GLUE-LAMINATED	T	
GND	GROUND	T	TREAD, THICK
GR	GRADE	TB	TACKBOARD
GST	GLAZED STRUCTURAL TILE	TC	TOP OF CURB
GYP.	GYPSUM	TCE	TOP OF CURB ELEVATION
		TDS	TURNUED DOWN SLAB
		TEL	TELEPHONE
		TFE	TOP OF FOOTING ELEVATION
H	HIGH	T & G	TONGUE AND GROOVE
HARD	HARDENED	THW	THICK THICKNESS
H8	HOSE B8	THRESH	THRESHOLD
H9	HOLLOW CORE	T.O.	TOP OF CONCRETE
HD BD	HARD BOARD	TOC	TOP OF CONCRETE
HC	HANDICAPPED	TOIL	TOILET
HCR	HEADER	TOM	TOP OF MASONRY
H8W	HARDWARE	TOS	TOP OF STEEL
HD WD	HARDWOOD	TS	TACK STRIP
HEX	HEXAGONAL		STRUCTURAL STEEL TUBING
HT.	HEIGHT		TOP OF WALL
HOL	HOLLOW	TWP.	TYPICAL
HM OR H.M.	HOLLOW METAL		
HORIZ.	HORIZONTAL	U	
HP	HORSEPOWER	UG	UNDERGROUND
HTG	HEATING	UL	UNDERGROUND LABORATORY
HTR	HEATER	UNFN	UNFINISHED
HW	HOT WATER, HARD WHITE	U.N.O.	UNLESS NOTED OTHERWISE
I		V	
ID	INSIDE DIAMETER	VAC	VACUUM
IF	INSIDE FACE	VB	VAPOR BARRIER
INCL	INCLUDED	VCT	VNML COMPOSITION TILE
INSUL	INSULATION	VERT.	VERTICAL
INT	INTERIOR	V.I.F.	VERIFY IN FIELD
INV	INVERT		
		W	
J		W	WIDE
JB	JUNCTION BOX	W.R.	WATER RESISTANT
JST.	JOIST	WWF	WELDED WIRE FABRIC
JOINT	JOINT		
		X	
K		X	BY
KBC	KENTUCKY BUILDING CODE	YO	YARD



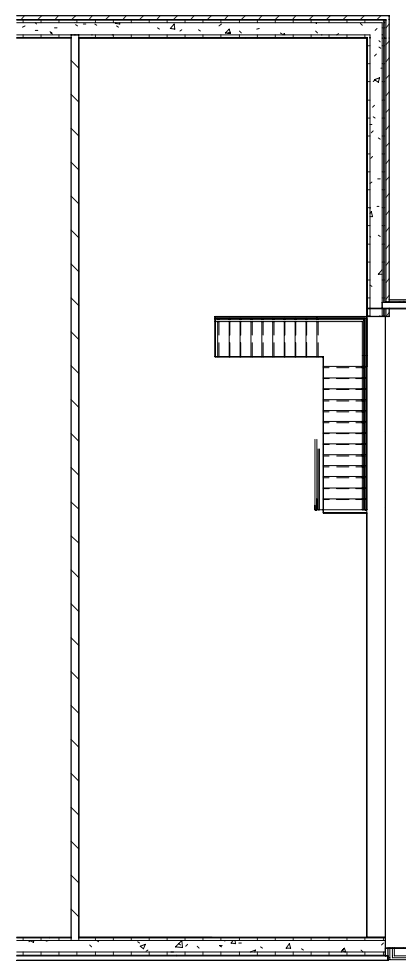
OCCUPANT CALCULATIONS (DESIGN DAILY USE - GYMNASIUM)

- KBC TABLE 1004.2.1
EXERCISE ROOM 1:50 = 6195 / 50 = 124
STORAGE ROOM 1:300 = 388 / 300 = 2
BLEACHER SEATING = 256
DAILY USE = 382 MAX OCCUPANTS = 2 EXITS

TORNADO SHELTER
1,448 OCCUPANTS
TOTAL 7,240 SF REQUIRED
USABLE AREA PROVIDED = 7,963 (INCL. LOCKER ROOMS)
EXIT CAPACITY PROVIDED = 4 X 60" = 272" = 1,813 CAPACITY

1 FIRST FLOOR CODE PLAN - HOPKINS CO. CENTRAL HIGH SCHOOL

3/32" = 1'-0"



2 CODE MEZZANINE FLOOR PLAN - HCC

1/16" = 1'-0"

PROJECT SUMMARY

PROJECT INVOLVES THE ADDITION OF A GYMNASIUM / TORNADO SHELTER AND MULTI-PURPOSE ROOM OF APPROXIMATELY 20,000 TOTAL SF TO THE EXISTING GYMNASIUM. THE EXISTING GYMNASIUM IS SEPARATED FROM THE REST OF THE EXISTING BUILDING BY A FIRE WALL.

SEISMIC DESIGN CRITERIA

(REFER TO SHEET S0.1 FOR ADDITIONAL INFORMATION)

SEISMIC OCCUPANCY CATEGORY II
SITE CLASS D
SEISMIC DESIGN CATEGORY D

EXIT CALCULATION

SPACE OCCUPANCIES

MAIN LEVEL

- KBC TABLE 1004.2.1

EXERCISE ROOM 1:50 = 6195 / 50 = 124
STORAGE ROOM 1:300 = 388 / 300 = 2
BLEACHER SEATING = 256
382 OCCUPANTS = 2 EXITS REQUIRED, 4 EXITS PROVIDED AT 1,813 CAPACITY (68" PER EXIT / 0.15')

CODE COMPLIANCE INFORMATION

GENERAL INFORMATION :

CODE: KENTUCKY BUILDING CODE 2018 SECOND EDITION
USE GROUP: E (EDUCATION)
CONSTRUCTION TYPE: 1994 CONSTRUCTION: 2C (EQUIVALENT 2B 2018)
FIRE PROTECTION: FULLY SPRINKLERED PER NFPA 13

BUILDING AREA:

ALLOWABLE AREA (TABLE 606.2) = 43,500 PER FLOOR
BUILDING AREA:
LOWER LEVEL (EXISTING): 24,857 SQ. FT.
LOWER LEVEL ADDITION: 13,727 SQ. FT.
LOWER LEVEL TOTAL: 38,584 SQ. FT.
UPPER LEVEL (EXISTING): 19,547 SQ. FT.
UPPER LEVEL ADDITION: 7,484 SQ. FT.
UPPER LEVEL TOTAL: 27,031 SQ. FT.

BUILDING HEIGHT CALCULATIONS:

ALLOWABLE HEIGHT = 2 STORIES / 60'-0" (TABLE 604)
ACTUAL BUILDING HEIGHT = 2 STORIES / 30'-0" (EXISTING)

TRAVEL DISTANCES :

TRAVEL DISTANCE TO EXIT:

ACTUAL MAXIMUM TRAVEL DISTANCE: 125'-0"
(MAXIMUM ALLOWABLE TRAVEL DISTANCE: 250'-0" (PER TABLE 1016)
DEAD-END CORRIDOR ALLOWED IS 50 FEET, MAXIMUM DESIGNED = 0 FEET

MINIMUM FIRE RESISTANCE RATINGS (PER TABLES 601 AND 602)

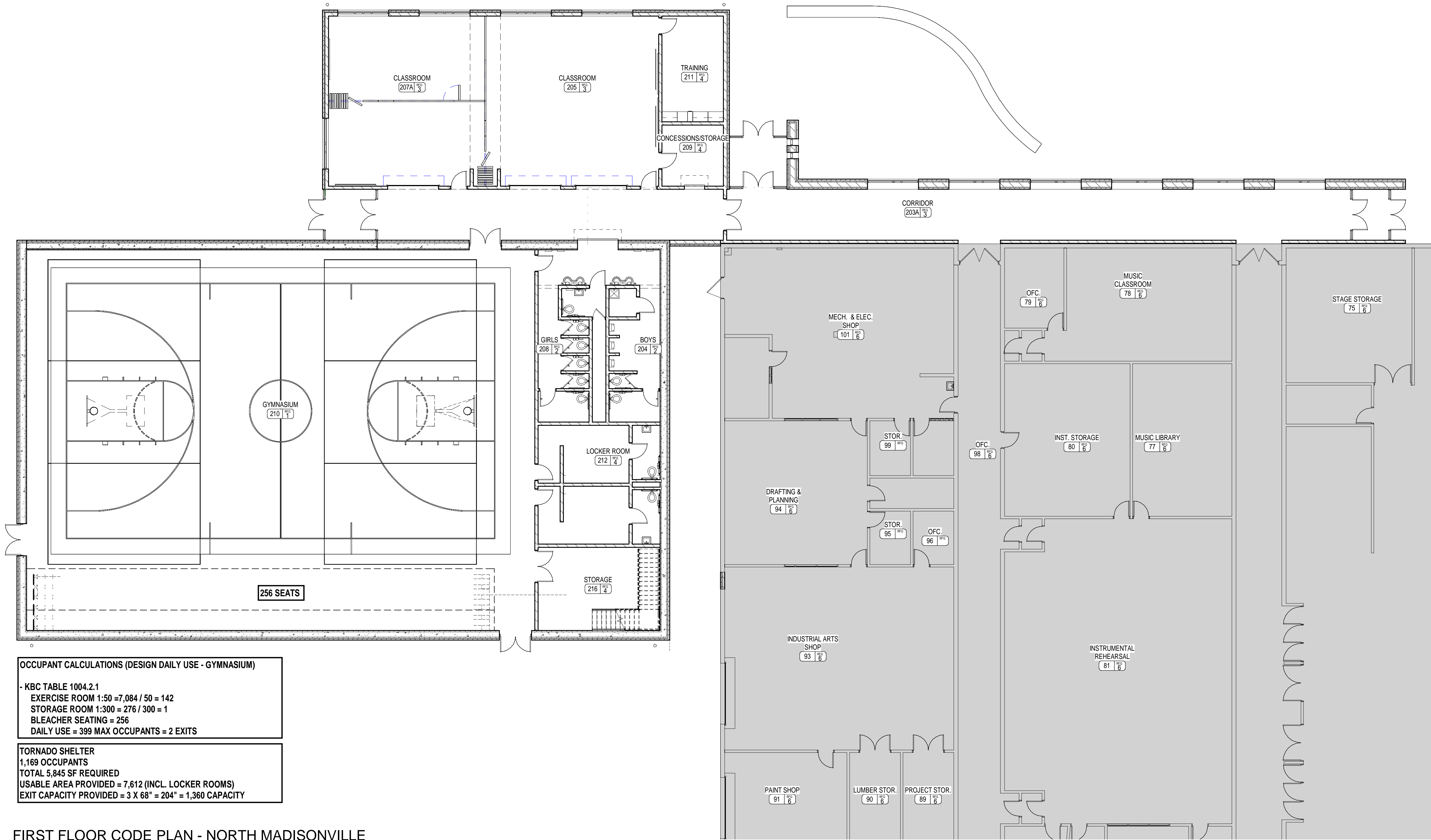
STRUCTURAL FRAME : 0 HR
BEARING WALLS EXTERIOR : 0 HR
BEARING WALLS INTERIOR : 0 HR
NON-BEARING EXTERIOR WALLS : 0 HR > 30' DISTANCE
NON-BEARING INTERIOR WALLS : 0 HR
FLOOR CONSTRUCTION : 0 HR
ROOF CONSTRUCTION (< 20 FT. ABOVE FLOOR) : 0 HR
ROOF CONSTRUCTION (> 20 FT. ABOVE FLOOR) : 0 HR

SPECIAL INSPECTIONS PER CHAPTER 17 OF THE KENTUCKY BUILDING CODE

NOTE: IN ADDITION TO OTHER TESTS AND INSPECTIONS REQUIRED BY THE SPECIFICATIONS, THE OWNER SHALL PROVIDE THE SERVICES OF QUALIFIED THIRD-PARTY INSPECTORS TO PERFORM ALL REQUIRED SPECIAL INSPECTIONS AS FOLLOWS:

SECTION	ITEM	REQUIRED?		REMARKS
		YES	NO	
1704.2.5	FABRICATORS	X	---	STEEL FABRICATION SPECIAL INSPECTION IS REQUIRED IF THE FABRICATOR IS NOT A.I.S.C. OR AWS CERTIFIED.
1704.6	STRUCTURAL OBSERVATIONS	X	---	SEE SECTION 1704.6.1 FOR SEISMIC AND SECTION 1408.2 FOR WIND REQUIREMENTS
1705.2	STEEL	X	---	STRUCTURAL STEEL AND JOISTS, PER TABLE 1705.2.2
1705.3	CONCRETE	X	---	PER TABLE 1705.3
1705.4	MASONRY	X	---	PER TMS 402 / TMS 602
1705.5	WOOD	---	X	NONE
1705.6	SOILS	X	---	PER TABLE 1705.6
1705.7	DRIVEN DEEP FOUNDATION	---	X	NONE
1705.8	CAST-IN-PLACE DEEP FOUNDATIONS	---	X	NONE
1705.9	HELICAL PILE FOUNDATIONS	---	X	NONE
1705.10	INSPECTIONS FOR WIND RESISTANCE	---	X	Wind 120 MPH, WIND EXPOSURE CAT. "C"
1705.11	INSPECTIONS FOR SEISMIC RESISTANCE	X	---	SEISMIC DESIGN CATEGORY "D"
1705.12	TESTING & QUALIFICATION FOR SEISMIC RESISTANCE	X	---	SEISMIC DESIGN CATEGORY "D"
1705.13	SPRAYED FIRE-RESISTANT MATERIALS	---	X	NONE
1705.14	MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS	---	X	NONE
1705.15	EXTERIOR INSULATION AND FINISH SYSTEMS (EIFS)	---	X	NONE

2221
HOPKINS COUNTY AUXILIARY GYMNASIUMS
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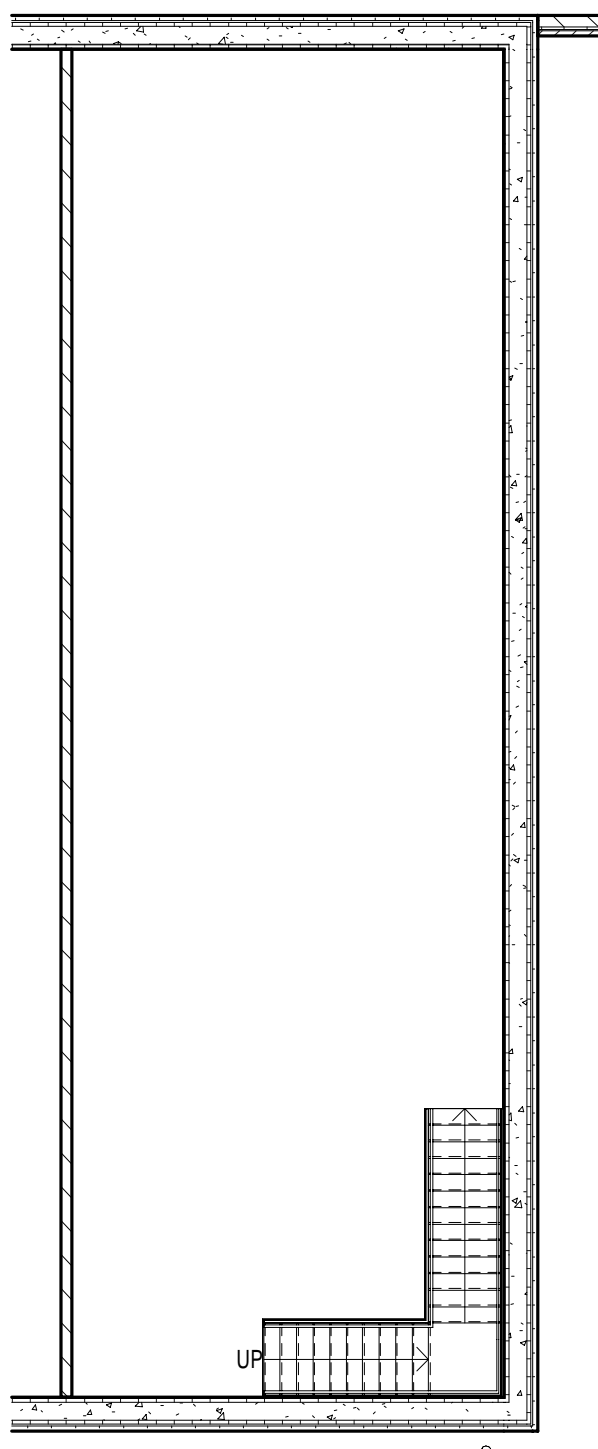


OCCUPANT CALCULATIONS (DESIGN DAILY USE - GYMNASIUM)

- KBC TABLE 1004.2.1
EXERCISE ROOM 1:50 = 7,084 / 50 = 142
STORAGE ROOM 1:300 = 276 / 300 = 1
BLEACHER SEATING = 256
DAILY USE = 399 MAX OCCUPANTS = 2 EXITS

TORNADO SHELTER
1,169 OCCUPANTS
TOTAL 5,845 SF REQUIRED
USABLE AREA PROVIDED = 7,612 (INCL. LOCKER ROOMS)
EXIT CAPACITY PROVIDED = 3 X 68" = 204" = 1,360 CAPACITY

1 FIRST FLOOR CODE PLAN - NORTH MADISONVILLE HIGH SCHOOL
3/32" = 1'-0"



2 CODE MEZZANINE FLOOR PLAN - MN
3/32" = 1'-0"

PROJECT SUMMARY

PROJECT INVOLVES THE ADDITION OF A GYMNASIUM / TORNADO SHELTER AND MULTI-PURPOSE ROOM OF APPROXIMATELY 20,000 TOTAL SF TO THE EXISTING BUILDING. NEW CONSTRUCTION WILL BE SEPARATED FROM THE REST OF THE EXISTING BUILDING BY A 2-HOUR FIRE WALL.

SEISMIC DESIGN CRITERIA

(REFER TO SHEET SO.1 FOR ADDITIONAL INFORMATION)

SEISMIC OCCUPANCY CATEGORY II
SITE CLASS D
SEISMIC DESIGN CATEGORY D

EXIT CALCULATION

SPACE OCCUPANCIES

MAIN LEVEL

- KBC TABLE 1004.2.1
EXERCISE ROOM 1:50 = 7,084 / 50 = 142
STORAGE ROOM 1:300 = 276 / 300 = 1
BLEACHER SEATING = 256
399 MAX OCCUPANTS = 2 EXITS REQUIRED, 3 EXITS PROVIDED AT 1,360 CAPACITY (68" PER EXIT / 0.15')

CODE COMPLIANCE INFORMATION

GENERAL INFORMATION :

CODE: KENTUCKY BUILDING CODE 2018 SECOND EDITION
USE GROUP: E (EDUCATION)
CONSTRUCTION TYPE: 1967 CONSTRUCTION, 2B CONSTRUCTION TYPE GOVERNS
FIRE PROTECTION: NOT SPRINKLERED

BUILDING AREA:

ALLOWABLE AREA (TABLE 506.2) = 14,500 PER FLOOR (25,375 PER FRONTAGE INCREASE)
BUILDING AREA (EXISTING): 123,264 SQ. FT.
MAIN LEVEL: 26,956 SQ. FT.
TOTAL EXISTING BUILDING AREA: 150,200 SQ. FT.
MAIN LEVEL ADDITION (SEPARATED): 14,279 SQ. FT.

BUILDING HEIGHT CALCULATIONS :
ALLOWABLE HEIGHT = 2 STORIES / 60'-0" (TABLE 604)
ACTUAL BUILDING HEIGHT = 2 STORIES, 30'-0"

TRAVEL DISTANCES :

TRAVEL DISTANCE TO EXIT:

ACTUAL MAXIMUM TRAVEL DISTANCE: 60'-0"
(MAXIMUM ALLOWABLE TRAVEL DISTANCE: 250'-0" (PER TABLE 1016))
DEAD-END CORRIDOR ALLOWED IS 50 FEET, MAXIMUM DESIGNED = 0 FEET

MINIMUM FIRE RESISTANCE RATINGS (PER TABLES 601 AND 602)

STRUCTURAL FRAME : 0 HR
BEARING WALLS EXTERIOR : 0 HR
BEARING WALLS INTERIOR : 0 HR
NON-BEARING EXTERIOR WALLS : 0 HR > 30' DISTANCE
NON-BEARING INTERIOR WALLS : 0 HR
FLOOR CONSTRUCTION : 0 HR
ROOF CONSTRUCTION (< 20 FT. ABOVE FLOOR) : 0 HR
ROOF CONSTRUCTION (> 20 FT. ABOVE FLOOR) : 0 HR

SPECIAL INSPECTIONS PER CHAPTER 17 OF THE KENTUCKY BUILDING CODE

NOTE: IN ADDITION TO OTHER TESTS AND INSPECTIONS REQUIRED BY THE SPECIFICATIONS, THE OWNER SHALL PROVIDE THE SERVICES OF QUALIFIED THIRD-PARTY INSPECTORS TO PERFORM ALL REQUIRED SPECIAL INSPECTIONS AS FOLLOWS:

SECTION	ITEM	REQUIRED?		REMARKS
		YES	NO	
1704.2.5	FABRICATORS	X		STEEL FABRICATION SPECIAL INSPECTION IS REQUIRED IF THE FABRICATOR IS NOT A.I.S.C. OR AWS CERTIFIED.
1704.6	STRUCTURAL OBSERVATIONS	X		SEE SECTION 1704.6.1 FOR SEISMIC AND SECTION 1406.2 FOR WIND REQUIREMENTS
1705.2	STEEL	X		STRUCTURAL STEEL AND JOISTS, PER TABLE 1705.2.2
1705.3	CONCRETE	X		PER TABLE 1705.3
1705.4	MASONRY	X		PER TMS 402 / TMS 602
1705.5	WOOD		X	NONE
1705.6	SOLS	X		PER TABLE 1705.6
1705.7	DRIVEN DEEP FOUNDATION		X	NONE
1705.8	CAST-IN-PLACE DEEP FOUNDATIONS		X	NONE
1705.9	HELICAL PILE FOUNDATIONS		X	NONE
1705.10	INSPECTIONS FOR WIND RESISTANCE		X	Wind 120 MPH, WIND EXPOSURE CAT. "C"
1705.11	INSPECTIONS FOR SEISMIC RESISTANCE	X		SEISMIC DESIGN CATEGORY "D"
1705.12	TESTING & QUALIFICATION FOR SEISMIC RESISTANCE	X		SEISMIC DESIGN CATEGORY "D"
1705.13	SPRAYED FIRE-RESISTANT MATERIALS		X	NONE
1705.14	MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS		X	NONE
1705.15	EXTERIOR INSULATION AND FINISH SYSTEMS (EIFS)		X	NONE

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No.	Description	Date

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GENERAL DEMOLITION NOTES

- DEMOLITION REFERENCE NOTES FOR THIS PROJECT ARE INTENDED TO GENERALLY IDENTIFY THE SELECTIVE REMOVAL OF EXISTING ITEMS AT LOCATIONS WHERE REQUIRED BUT, SHALL IN NO WAY RELIEVE THE CONTRACTOR OF THE FULL RESPONSIBILITY FOR EXAMINING AND VERIFYING THE FULL EXTENT OF EXISTING CONDITIONS PRIOR TO BIDDING THE PROJECT.
- THE INTENT OF THE DEMOLITION NOTES IS TO PROVIDE A GENERAL OUTLINE FOR THE CONTRACTOR OF ITEMS TO BE REMOVED AND/OR TURNED OVER TO THE OWNER AND TO ALLOW FOR THE NEW CONSTRUCTION AS OUTLINED ELSEWHERE IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL OF ITEMS TO ALLOW FOR NEW CONSTRUCTION SHOWN OR NOT SHOWN ON DEMOLITION PLANS AS MAY BE REQUIRED.
- CAVITY WALLS AND SPACES BEHIND EXTERIOR FINISHES OR PARTIALLY REMOVED WALLS/ROOFS, ETC. SHALL BE PROTECTED FROM EXPOSURE TO WEATHER BY THE CONTRACTOR. WALLS/ROOFS, ETC. SHALL BE PROTECTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGED WALLS, ROOFS, EQUIPMENT, ETC. CAUSED BY THIS DEMOLITION OR WEATHER EXPOSURE OF ITEMS THAT ARE TO REMAIN.
- INFORMATION AND DRAWINGS INCLUDED IN THESE CONTRACT DOCUMENTS PERTAINING TO GREENWOOD HIGH SCHOOL HAVE BEEN OBTAINED FROM ORIGINAL DRAWINGS PROVIDED BY WARREN COUNTY PUBLIC SCHOOLS. THIS INFORMATION IS INCLUDED HEREIN WITH THE INTENT TO PROVIDE THE CONTRACTOR WITH A BASIC UNDERSTANDING OF EXISTING CONDITIONS. ACTUAL CONDITIONS AND DIMENSIONS MAY VARY FROM THOSE INDICATED ON ORIGINAL DRAWINGS.
- REFER TO MECHANICAL AND/OR ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR SPECIFIC REQUIREMENTS PERTAINING TO THE REMOVAL, RELOCATION AND/OR MODIFICATION OF ITEMS RELATED TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS.
- SHOULD THE CONTRACTOR ENCOUNTER ANY MATERIALS DURING SELECTIVE DEMOLITION AND NEW WORK WHICH ARE SUSPECTED BY THE CONTRACTOR TO BE OF AN UNKNOWN OR QUESTIONABLE COMPOSITION WITH RESPECT TO CONTAINING CONTAMINANTS, TOXIC MOLDS OR FUNGI WHICH MAY BE HAZARDOUS TO HUMAN HEALTH, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF SUCH FINDINGS.
- WHERE AN EXISTING CMU WALL IS REMOVED AND NO NEW WALL IS SHOWN TO BE INSTALLED, REMOVE EXISTING CMU WALL TO 8 INCHES BELOW ADJACENT FLOOR SLAB. PATCH AND REPAIR SLAB AS REQUIRED FOR INSTALLATION OF NEW FLOOR FINISH. REFER TO NEW WORK PLANS.
- ALL AREAS LEFT EXPOSED AS A RESULT OF DEMOLITION AND/OR EQUIPMENT REMOVAL SHALL BE PATCHED AND REPAIRED TO RESULT IN A FLUSH SMOOTH SURFACE PREPARED TO RECEIVE NEW FINISHES AS SCHEDULED. ANY AREAS / OPENINGS IN MASONRY WALLS LARGER THAN 2" EXPOSED TO VIEW SHALL BE PATCHED WITH SOAPED IN CMU UNITS TOOTHED-IN INTO EXISTING MASONRY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PATCHING AND REPAIRING DUE TO DEMOLITION AND/OR REMOVAL OF EQUIPMENT TO CREATE A FLUSH, SMOOTH SURFACE PROPERLY PREPARED TO RECEIVE NEW FINISHES AS SCHEDULED. CONTRACTOR SHALL SOAP IN NEW CMU TO MATCH EXISTING ADJACENT AREAS.
- THE CONTRACTOR SHALL COORDINATE SPECIFIC DEMOLITION AND ASSOCIATED DATES WITH THE OWNER, REFER TO MECHANICAL / ELECTRICAL PLANS.
- UNLESS INDICATED OTHERWISE, ALL EXISTING FLOOR SLABS SHALL MEET NEW FLOOR SLABS AT THE SAME ELEVATION WHERE NEW FINISHES SHALL BE INSTALLED FLUSH. CONTRACTOR SHALL VERIFY ALL EXISTING FLOOR SLABS FOR COMPLIANCE PRIOR TO PLACING NEW SLABS AT ASSUMED ELEVATIONS INDICATED.
- REFER TO A4.1 FOR ADDITIONAL ROOF DEMOLITION NOTES.

DEMOLITION KEY NOTES

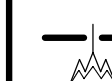

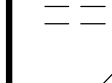
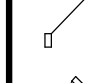

- REMOVE EXISTING DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN. PREPARE FRAME FOR NEW WORK.
- EXISTING DOWNSPOUT AND BOOT TO BE REMOVED TO FACILITATE NEW WORK. COORDINATE WITH SITE DRAWINGS FOR STORM RELOCATION.
- AT NEW DOOR LOCATIONS NEW DOOR MASONRY OPENING TO INCLUDE DEMOLITION / REMOVAL OF EXISTING WALL TO 8-INCHES HIGHER AND WIDER AT EACH SIDE OF FRAME FOR NEW LINTEL INSTALLATION. ALSO SEE NEW WORK NOTES.
- EXISTING GUTTER TO BE REMOVED TO FACILITATE NEW WORK.
- EXISTING GUTTER, FASCIA, & SOFFIT TO BE REMOVED TO FACILITATE NEW WORK. REFER TO DETAILS.
- DEMO, PATCH, REPAIR, & PAINT EXIST. WALL AS REQUIRED FOR NEW / CONDUIT INSTALLATION / PENETRATIONS. REFER TO MP&E DWGS.
- REMOVE EXISTING GYP. CEILING, LIGHTING, SPRINKLER HEADS, & CLG. DIFFUSERS / DEVICES IN THIS AREA. REPLACE W/ 1/2" SUSP. ACOUSTICAL CLG. SYSTEM & LIGHTING AS DESIGNATED.

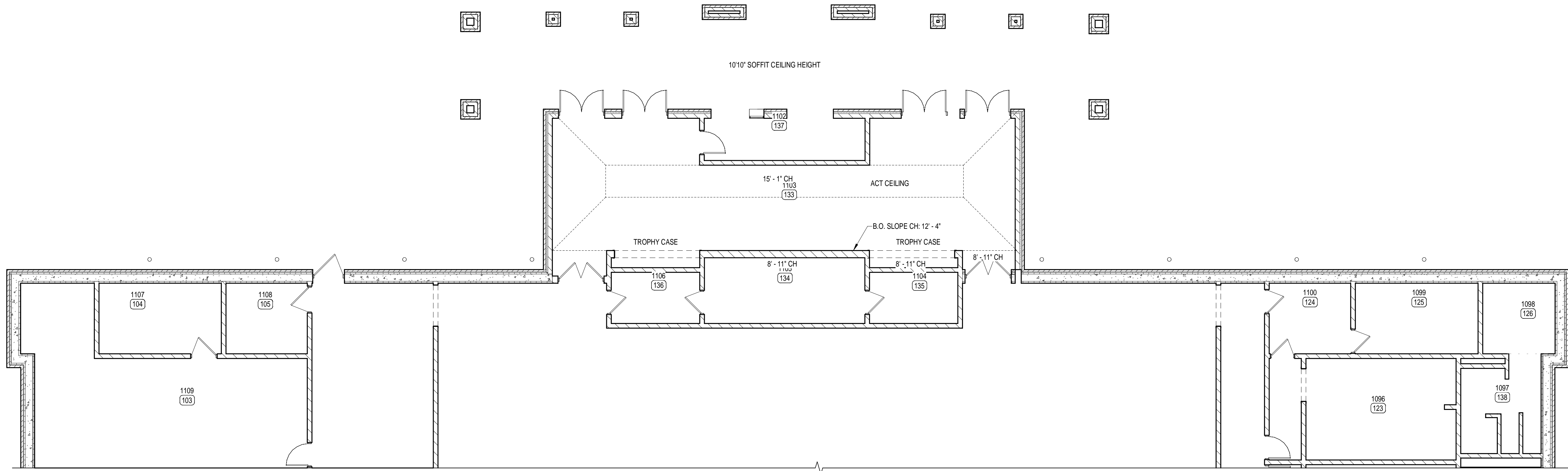
HAZARDOUS MATERIALS & TOXIC SUBSTANCES NOTES

DUE TO THE AGE OF THE EXISTING BUILDINGS, IT IS POSSIBLE HAZARDOUS MATERIALS OR TOXIC SUBSTANCES / MOLDS MAY EXIST. THIS INCLUDES BUT IS NOT LIMITED TO ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB), AND OTHER TOXIC SUBSTANCES. IF ANY WORK PERSON ENCOUNTERS ANY MATERIAL OR SUBSTANCE WHICH THEY SUSPECT MIGHT BE HAZARDOUS OR TOXIC, THEY SHALL IMMEDIATELY ADVISE THE OWNER. THE CONTRACTOR SHALL TAKE IMMEDIATE AND APPROPRIATE ACTION TO PROTECT THE BUILDING, USERS AND WORKERS IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS, CODES AND REGULATIONS. THE ARCHITECT AND ARCHITECT'S CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS OR TOXIC SUBSTANCES IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB), OTHER TOXIC SUBSTANCES, OR TOXIC MOLDS.

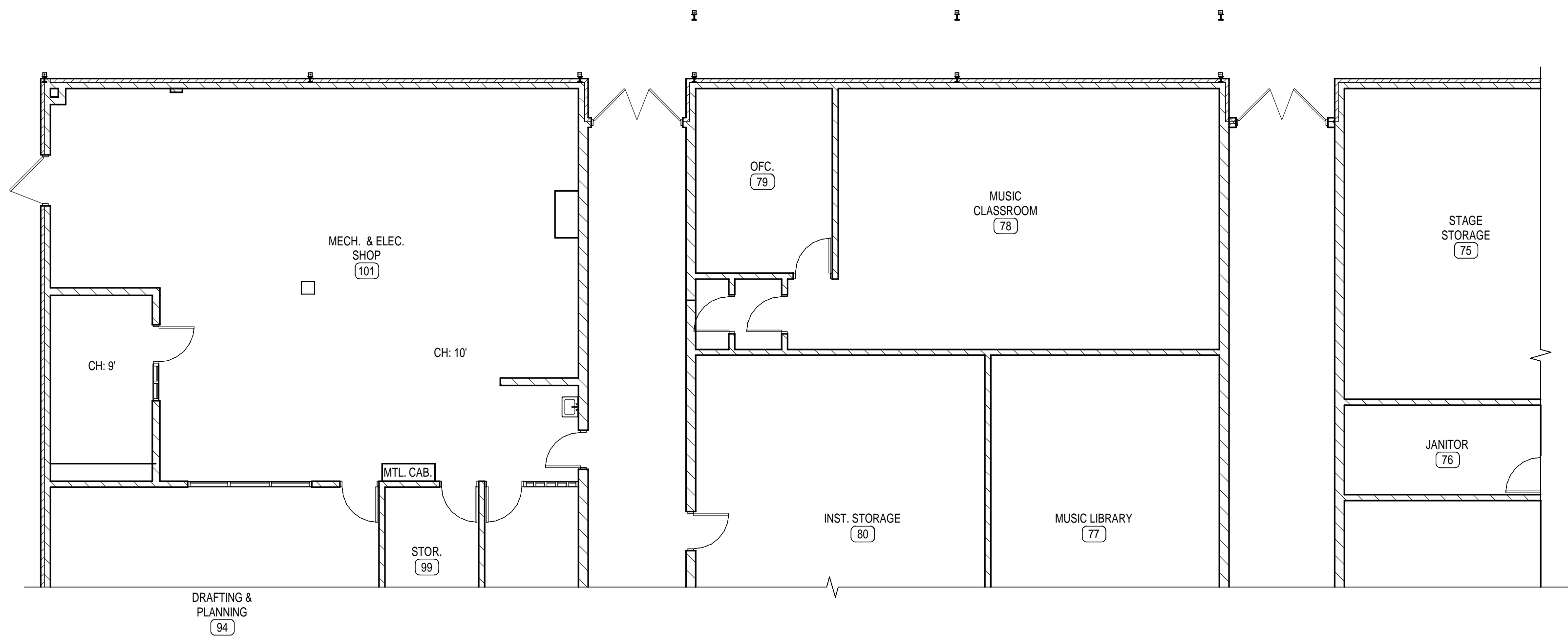
- THE CONTRACTOR IS HEREBY ADVISED THAT SHERMAN-CARTER-BARNHART, PLLC IS NOT A DESIGN PROFESSIONAL IN THE DETERMINATION OF THE PRESENCE OF HAZARDOUS MATERIALS, NOR IS SHERMAN-CARTER-BARNHART, PLLC A DESIGN PROFESSIONAL INVOLVED IN MAKING RECOMMENDATIONS REGARDING THE TESTING, REMOVAL, ENCAPSULATION OR OTHER CORRECTIVE MEASURES PERTAINING TO HAZARDOUS MATERIALS OR TOXIC MOLDS / SUBSTANCES.
- IF THE WORK WHICH IS TO BE PERFORMED UNDER THE CONTRACT INTERFACES IN ANY WAY WITH THE EXISTING COMPONENTS WHICH CONTAIN HAZARDOUS MATERIALS OR TOXIC SUBSTANCES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNER'S ENVIRONMENTAL CONSULTANT REGARDING THE PROPER MEANS AND METHODS TO BE UTILIZED IN DEALING WITH HAZARDOUS MATERIALS AND SUBSTANCES.
- BY EXECUTION OF THE CONTRACT FOR CONSTRUCTION, THE CONTRACTOR HEREBY AGREES TO BRING NO CLAIM FOR NEGLIGENCE, BREACH OF CONTRACT, INDEMNITY OR OTHERWISE AGAINST THE ARCHITECT, HIS PRINCIPALS, EMPLOYEES, AGENTS OR CONSULTANTS IF SUCH A CLAIM IN ANY WAY WOULD INVOLVE THE INVESTIGATION OF OR REMEDIAL WORK RELATED TO HAZARDOUS MATERIALS OR TOXIC SUBSTANCES IN THE PROJECT.
- BY EXECUTION OF THE CONTRACT FOR CONSTRUCTION, THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD THE ARCHITECT, HIS PRINCIPALS, EMPLOYEES, AGENTS AND CONSULTANTS HARMLESS FROM ANY SUCH ASBESTOS, OTHER HAZARDOUS MATERIALS, OR TOXIC SUBSTANCES / MOLD RELATED CLAIMS THAT MAY BE BROUGHT BY THE CONTRACTOR'S SUBCONTRACTORS, SUPPLIERS OR OTHER THIRD PARTIES WHO MAY BE ACTING UNDER THE DIRECTION OF THE CONTRACTOR PURSUANT TO THIS PROJECT.

DEMOLITION SYMBOL LEGEND

-  WALL PARTITION DESIGNATION
EPWZ = 2 HR. RATE FIRE WALL (EXISTING)
-  SHADED WALL INDICATES EXISTING CONSTRUCTION TO REMAIN
-  EXISTING CONSTRUCTION TO BE REMOVED
-  EXISTING DOOR AND FRAME TO BE REMAIN
-  EXISTING DOOR ASSEMBLY DEMOLITION (REFER TO KEY NOTES FOR SPECIFIC INFORMATION)



1 DEMOLITION PLAN - HCC
1/8" = 1'-0"



2 DEMOLITION PLAN - MNH
1/8" = 1'-0"

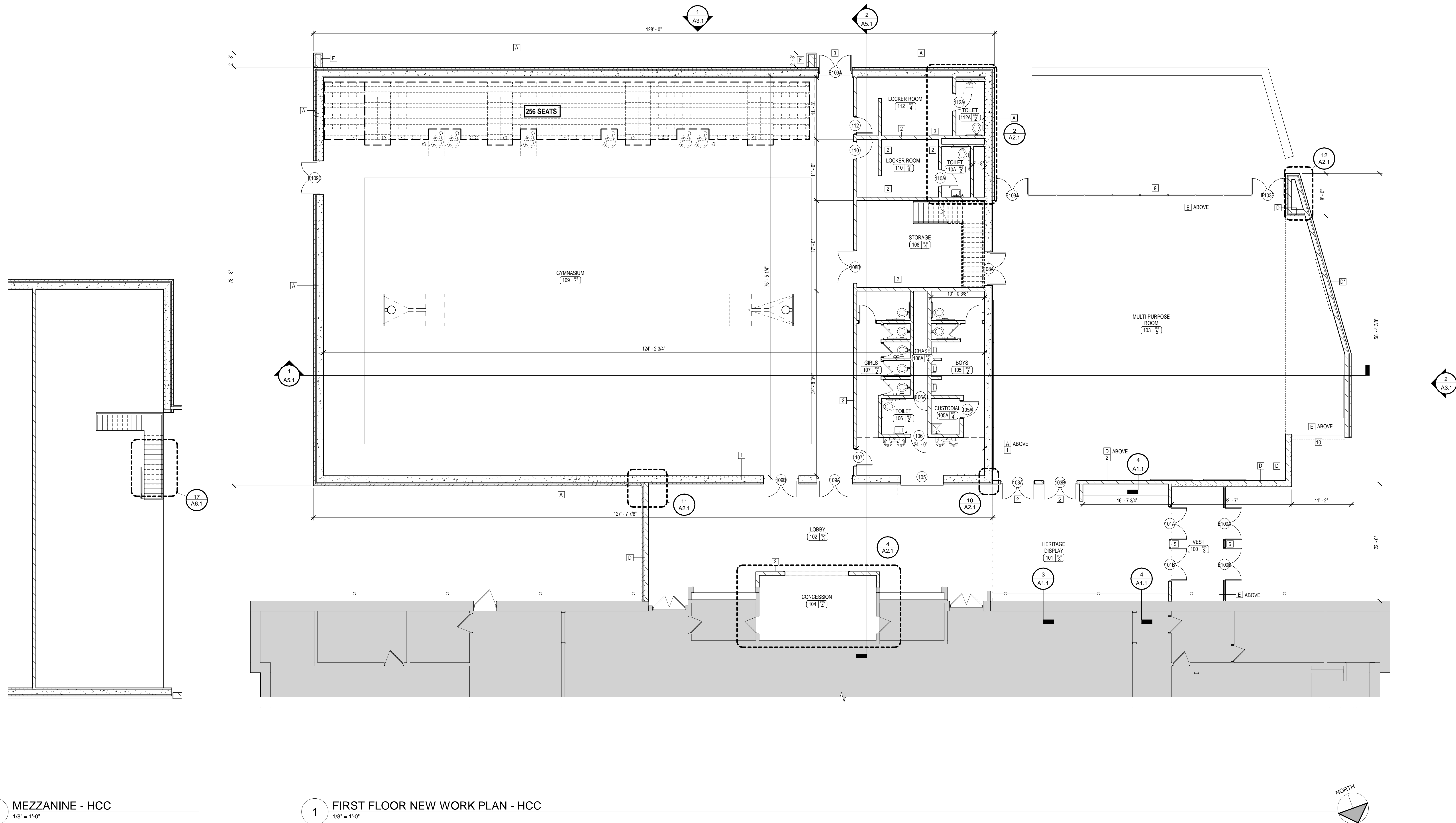
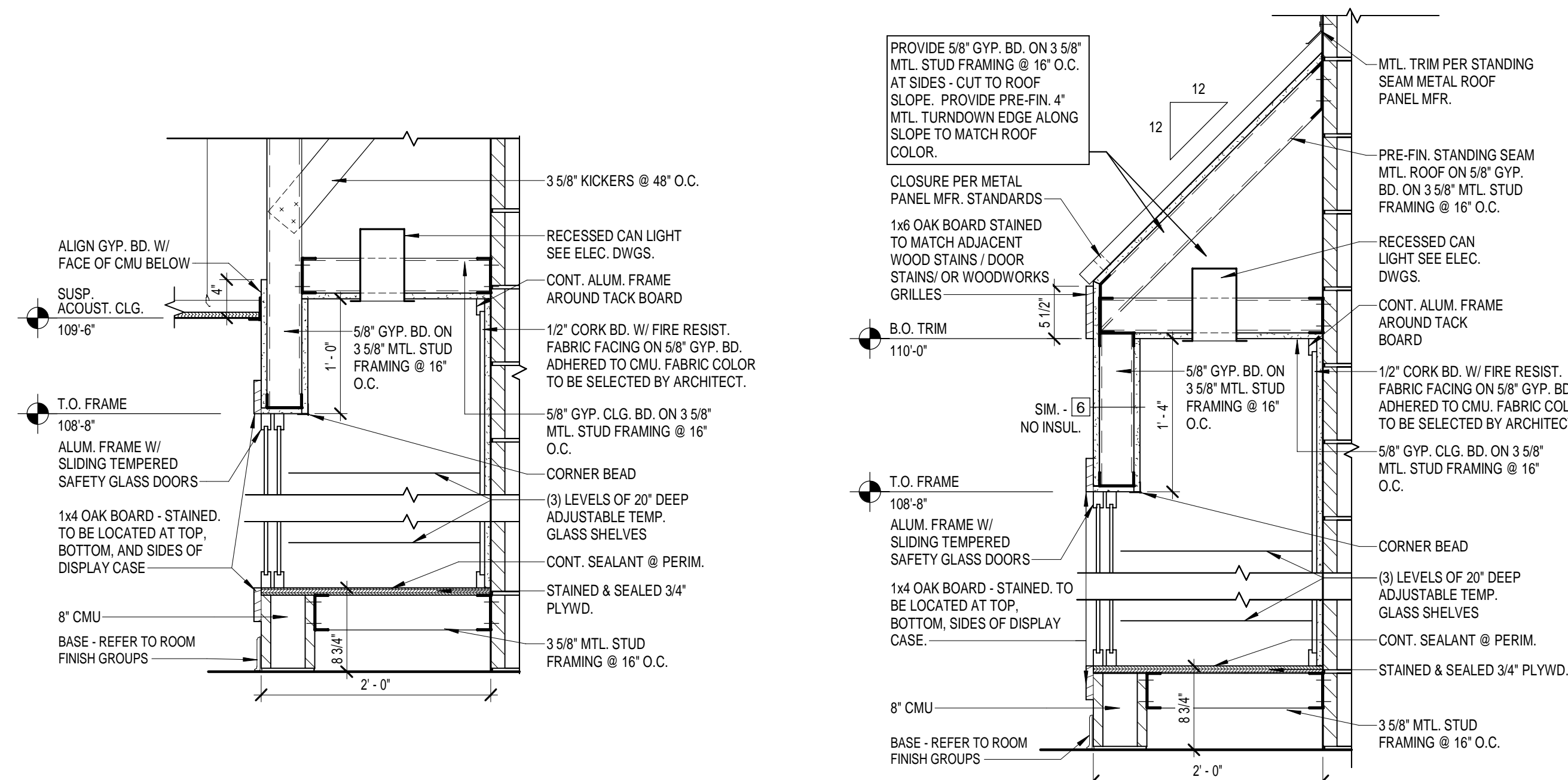
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2 MEZZANINE - HCC
1/8" = 1'-0"1 FIRST FLOOR NEW WORK PLAN - HCC
1/8" = 1'-0"4 DISPLAY CASE DETAIL 2
1" = 1'-0"3 DISPLAY CASE DETAIL 1
1" = 1'-0"

GENERAL WORK NOTES

- REFER TO MECH/ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC. ITEMS NOT SHOWN ON THIS SHEET.
- REFER TO ROOF PLAN AND MECH DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.
- REFER TO SHEET N0.1 FOR GENERAL NOTES AND PARTITION TYPES.
- REFER TO DETAILS ON SHEET A6.1 FOR TYPICAL WALL INTERSECTION DETAILS.
- ALL GYP BOARD WALLS LONGER THAN 12'-0" ARE TO HAVE A MINIMUM OF 1 VERTICAL APART. HORIZONTAL JOINTS TO BE PROVIDED EVERY 8'-0" OF HEIGHT IN WALLS 16'-0" HIGH AND GREATER.

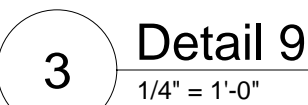
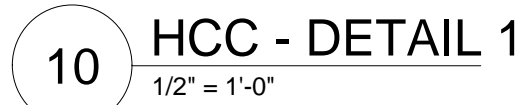
PLAN KEY NOTES

- FIRE ALARM PANEL. REFER TO ELECTRICAL DRAWINGS.
- EXPANSION JOINT COVER, 6TW-1 (BY BALCO, INC.) OR APPROVED EQUAL. EXP. JT. COVER AT BOTH SIDES, AND OVERHEAD.
- "WOODWORKS GRILLE - CEILING TO WALL WOOD CEILING SYSTEM" AS MANUFACTURED BY ARMSTRONG WORLD INDUSTRIES (OR EQUIVALENT). REFER TO WOOD PANEL CEILING SPEC. REFER TO BUILDING SECTIONS FOR HEIGHTS AND TO DETAIL 12/A2.1 & ELEVATION 4/A3.1. TOTAL WIDTH & LENGTH AS FOLLOWS:
LOBBY 307-1 @ 6'W x 15'-0"L
LOBBY 308-2 @ 6'W x 15'-0"L
LOBBY 310-1 @ 6'W x 15'-0"L
- BUILT-IN GLASS DISPLAY CASES (WITH LIGHTS) AT WIDTH INDICATED. REFER TO DETAILS 5/10B/11/A2.1.
- HIGHLOW ELECTRIC WATER COOLER UNIT W/ BOTTLE FILLING STATION. REFER TO MECH./ELEC. DWGS.
- MOP SINK. REFER TO TOILET ACCESSORY SCHEDULE ON SHEET A2.1, & PLUMBING DRAWINGS.
- STAINLESS STEEL COUNTERTOP. REFER TO DETAILS 6 & 7/A2.1.
- REFRIGERATOR (N.I.C.). REFER TO M.P.E. DRAWINGS.
- ICE MACHINE. REFER TO SPECIFICATIONS.
- KNOX BOX RECESSED IN BRICK. KNOX BOX #3275.
- REFER TO SITE DRAWINGS FOR CONCRETE WALKS, STOPS, ETC.
- LINE OF SOFFIT (UNTEL)/OVERHANG ABOVE. REFER TO DETAILS AND REFLECTED CEILING PLAN (PAINT ANY EXPOSED STEEL).
- SOLID SURFACE COUNTERTOP. REFER TO DETAIL 4/A2.1.
- ELECTRICALLY OPERATED AND FOLDING BASKETBALL GOAL ABOVE. REFER TO SPECS. ALL EXPOSED BLOCKING REQUIRED FOR GOAL ATTACHMENT SHALL BE PAINTED TO MATCH ADJACENT WALL COLOR.
- EXISTING HOLLOW METAL FRAME TO RECEIVE NEW DOOR. GRIND, PATCH, AND REPAIR FRAME. PAINT FOR LIKE NEW FINISH.
- SCORE BOARD ABOVE. REFER TO SPECS, ELECTRICAL DWGS, AND SECTIONS FOR HEIGHT.
- VOLLEYBALL INSERTS AND ESCUTCHEONS. REFER TO SPECIFICATIONS.
- WALL MTD. ATHLETIC PROTECTION PADS AT LIMITS INDICATED. EXTEND FROM 8" ABOVE FLOOR TO 6'-8" ABOVE FLOOR.

SYMBOL LEGEND

Name	Symbol	Description
ROOM FINISH GROUPS (REFER TO SHEET N0.1)		ROOM NUMBER
DOOR NUMBER (DOOR SCHEDULE SHEET A6.1 AND 9.1)	XXX	DOOR NUMBER (THIS SHEET)
WALL / PARTITION TYPE (SCHEDULE SHEET N0.1 AND 9.1)	X	WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEET A8.1)
TOILET ACCESSORIES (SCHEDULE SHEET A2.1 AND A9.1)	X	ELEVATION KEY NOTE (SHEET A3.1)
ROOF KEY NOTE (SHEET A4.1)	X	CEILING PLAN KEY NOTE (SHEET A7.1)
SIGNAGE KEY NOTE (SHEET N0.1)	X	WALL MOUNTED FIRE EXTINGUISHER (MOUNT CTR. LINE OF HANDLE AT 4'-0" A.F.F.)
FIRE EXTINGUISHER CABINET (SEM-RECESSED). REFER TO DETAILS 6 & 7/A6.1.	X	DOWNSPOUT, OR DOWNPOUT TO BOOT. REFER TO ROOF PLAN (SHEET A4.1)
ATHLETIC WALL PADS (WP) (EACH). REFER TO SPECS. REFER TO PLANS FOR TOTAL LENGTH OF PADS. INDIVIDUAL PAD DIMENSION INDICATED IS WIDTH x HEIGHT. MTD. HEIGHT AS NOTED.	WP	CONTROL JOINT. REFER TO A1.1, A1.2, & A3.1 FOR LOCATIONS.
CONTROL JOINT. REFER TO A1.1, A1.2, & A3.1 FOR LOCATIONS.	CJ	



GENERAL TOILET ACCESSORY NOTES

1. MODEL NUMBERS: DENOTE TOILET ACCESSORY PRODUCTS OFFERED BY AMERICAN SPECIALTIES, INC. (ASI) AND REPRESENT THE LEVEL OF QUALITY REQUIRED AND SHALL BE USED AS A BASIS OF DESIGN.

2. THE TOILET SHALL BE LOCATED HORIZONTAL AND ADJACENT TO A SPECIFIC POINT ON THE FINISH FLOOR SURFACES IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) - ANSI A117.1 - 2009.

3. REFER TO MEP DWGS. AND SPECIFICATIONS FOR PLUMBING FIXTURES, CONTROLS, AND FLOOR DRAIN LOCATIONS.

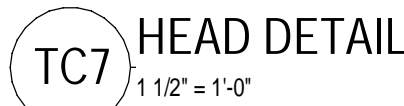
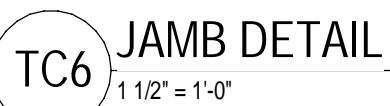
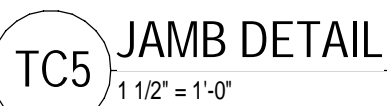
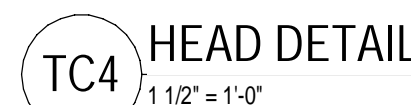
4. ALL FLOORED PRINING AT THE TOILET SHALL BE 1/2" H.P.S. SCHED 40S, WELDED AND COVERED WITH A PIRE MOLDED GRID INSULATION JACKET.

5. ALL TOILET ACCESSORIES TO INCLUDE VAPOR RESISTANT OPTION.

6. REFER TO ALL FLOOR PLAN SHEETS FOR ACCESSORIES REQUIRED AT OTHER LOCATIONS.

7. INSTALL GRAB BARS TO ALLOW 1"1/2" BETWEEN GRAB BAR AND WALL.

8. REFER TO TYPICAL ADA COMPLIANT GRAB BAR LAYOUT 31x21."



- 1 REFER TO MECH.ELEC. DRAWINGS FOR SPECIFIC NOTES REGARDING MECH/ELEC ITEMS NOT SHOWN ON THIS SHEET.
- 2 REFER TO ROOF PLAN AND MECH DRAWINGS FOR ADDITIONAL INFORMATION REGARDING WORK AT ROOF.
- 3 REFER TO SHEET NO.1 FOR GENERAL NOTES AND PARTITION TYPES.
- 4 REFER TO DETAILS ON SHEET A6.1 FOR TYPICAL WALL INTERSECTION DETAILS.
- 5 ALL GYP BOARD WALLS LONGER THAN 12'-0" ARE TO HAVE A MINIMUM OF 1 VERTICAL JOINT WITH CONTROL JOINTS BEING SPACED NO FURTHER THAN 20'-0" MAX. APART. HORIZONTAL JOINTS TO BE PROVIDED EVERY 8'-0" OF HEIGHT IN WALLS 16'-0" HIGH AND GREATER.

7. FARE ALARM PANEL. REFER TO ELECTRICAL DRAWINGS.
8. EXAMINATION JOINT COVER, 6TH-11 (BY BALCO, INC.), OR APPROVED EQUAL. EXP. JT. COVER AT BOTH SIDES, AND OVERHEAD.
9. "WOODWORKS GRILLE - CEILING TO WALL CULING SYSTEM" AS MANUFACTURED BY ARMSTRONGS WORLD INDUSTRIES (OR EQUIVALENT). REFER TO WALL PANEL CEILING SPEC. REFER TO BUILDING SPECIFICATIONS FOR HEIGHTS AND TO DETAIL 12A2.1 AT ELEVATION 4#3.1. TOTAL WIDTH & LENGTH AS FOLLOWS:
LOBBY 302: 3' 0" 8W x 15'-6"
LOBBY 308: 2' 8" 8W x 15'-0"
LOBBY 310: 1' 8" 8W x 15'-0"
10. BUILT-UP GLASS DISPLAY CASES (WITH LIGHTS) AT WIDTH INDICATED. REFER TO DETAILS 100.11 AND 101.1.
11. HIGH-LOW ELECTRIC WATER COOLER UNIT (W) BOTTLE FLILING STATION. REFER TO MECH. /ELEC. DWGS.
12. MOP SINK - REFER TO TOILET ACCESSORY SCHEDULE ON SHEET A2.1, & PLUMBING DRAWINGS.
13. STAINLESS STEEL COUNTERTOP. REFER TO DETAILS 6.8 & 7A2.1.
14. REFRIGERATOR (N.I.C.). REFER TO M.P.E. DRAWINGS.
15. ICE MACHINE. REFER TO SPECIFICATIONS.
16. KNOX BOX RECESSED IN BRICK. KNOX BOX #3275.
17. REFER TO SITE DRAWINGS FOR CONCRETE WALLS, STOODS, ETC.
18. LINE OF SPANT (LINTEL) OVERHANG. REFER TO DETAILS AND REFLECTED CEILING PLAN (OFFIT' NANT AN EXPOSED STEEL).
19. SOLID SURFACE COUNTERTOP. REFER TO DETAIL 4#2.1.
20. ELECTRICALLY OPERATED AND FOLDING BASKETBALL GOAL ABOVE. REFER TO SPECS. ALL EXPOSED BOLDING REQUIRED FOR GOAL ATTACHMENT SHALL BE PAINTED TO MATCH ADJACENT WALL COLOR.
21. EXISTING HOLLOW METAL FRAME TO RECEIVE NEW DOOR. GRIND, PATCH, AND REPAIR FRAME. PAINT FOR LIKE NEW FINISH.
22. SCORE BOARD ABOVE. REFER TO SPECS. ELECTRICAL DWGS. AND SECTIONS FOR HEIGHT.
23. VOLLEYBALL INSERTS AND ESCUTCHEONS. REFER TO SPECIFICATIONS.
24. WALL MOUNT ATHLETIC PROTECTION PADS AT LIMITS INDICATED. EXTEND FROM 8' ABOVE FLOOR TO 6' ABOVE FLOOR PADS.

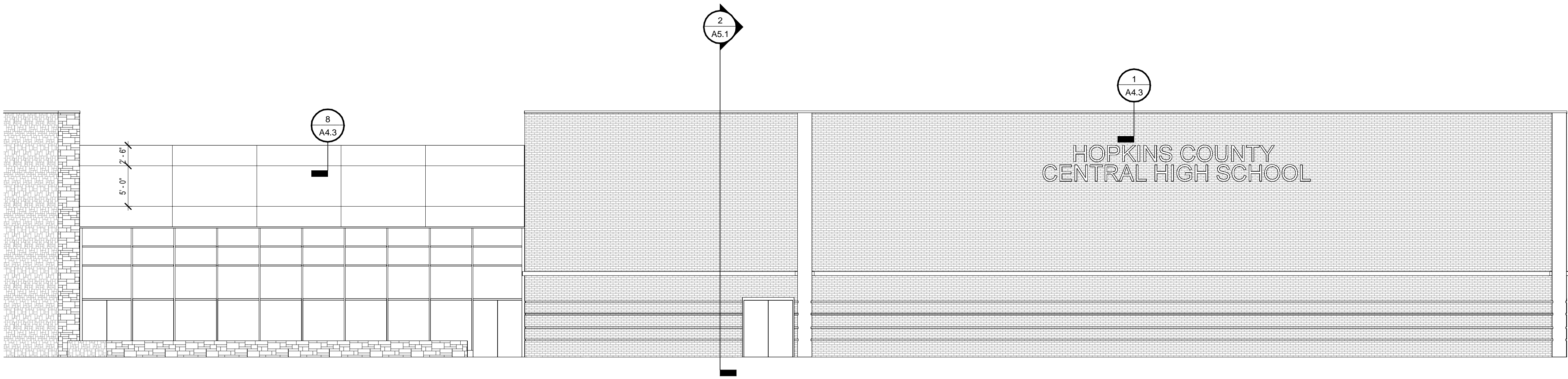
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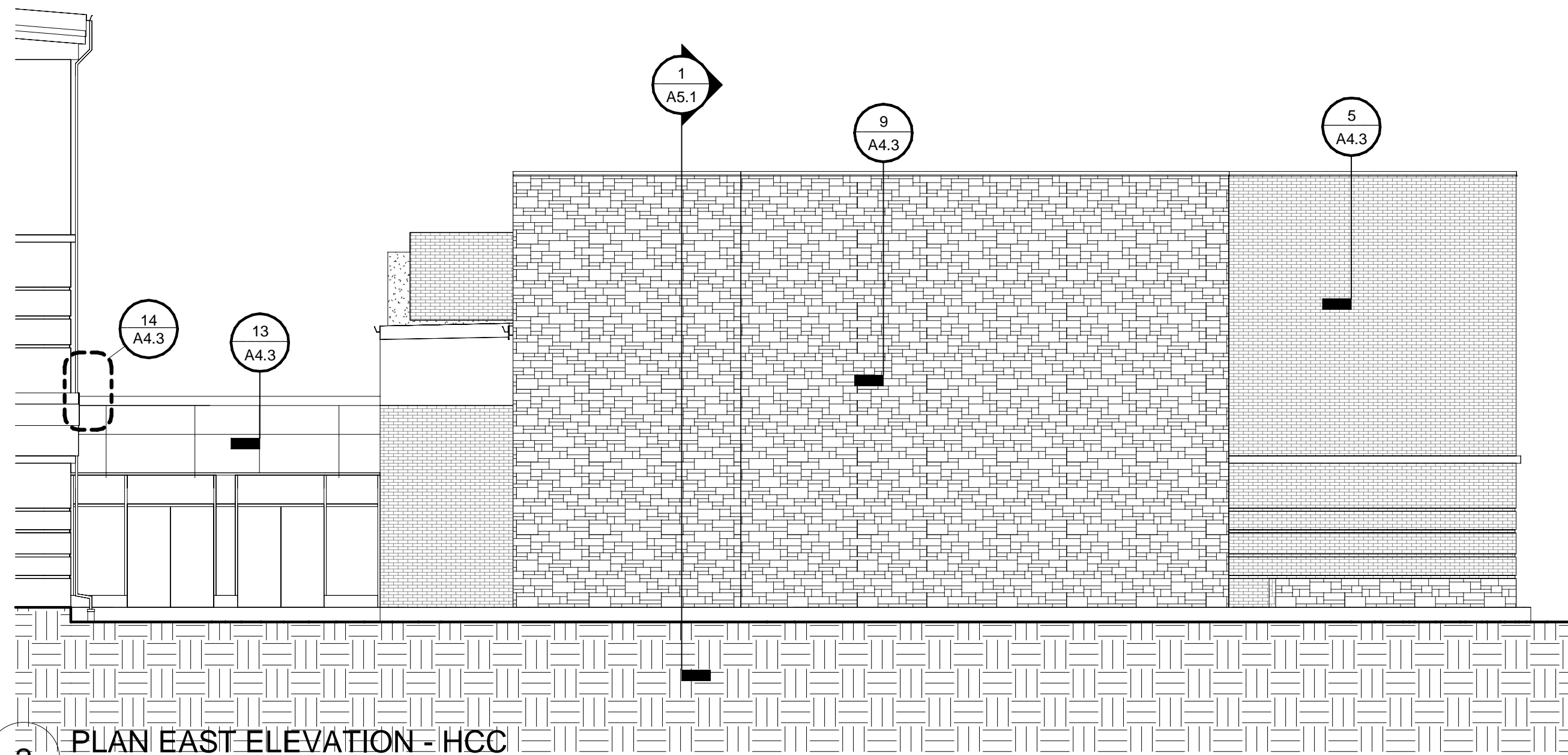
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A2.1



1 PLAN NORTH ELEVATION - HCC
1/8" = 1'-0"



2 PLAN EAST ELEVATION - HCC
1/8" = 1'-0"

ELEVATION KEY NOTES

GENERAL ELEVATION NOTES

BUILDING ELEVATIONS SHOWN ON THIS DRAWING ARE INTENDED FOR GENERAL REFERENCE PURPOSES ONLY. REFER TO REFERENCED SECTIONS AND DETAILS FOR MORE FULLY DESCRIBED CONDITIONS AND REQUIREMENTS.

SYMBOL LEGEND

Name	
ROOM FINISH GROUPS (REFER TO SHEET N0.1)	
ROOM NUMBER	
DOOR NUMBER (DOOR SCHEDULE SHEET A8.1 AND 9.1)	
PLAN KEY NOTES (THIS SHEET)	
WALL / PARTITION TYPE (SCHEDULE SHEET N0.1 AND 9.1)	
WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEET A8.1)	
TOILET ACCESSORIES (SCHEDULE SHEET A2.1 AND A9.1)	
ELEVATION KEY NOTE (SHEET A3.1)	
ROOF KEY NOTE (SHEET A4.1)	
CEILING PLAN KEY NOTE (SHEET A7.1)	
SIGNAGE KEY NOTE (SHEET N0.1)	
WALL MOUNTED FIRE EXTINGUISHER (MOUNT CTR. LINE OF HANDLE AT 4'-0" A.F.F.)	
FIRE EXTINGUISHER CABINET (SEMI-RECESSED), REFER TO DETAILS 6 & 7/A6.1.	
DOWNSPOUT, OR DOWNSPOUT TO BOOT. REFER TO ROOF PLAN (SHEET A4.1)	
ATHLETIC WALL PADS (WP) (EACH), REFER TO SPECS. REFER TO PLANS FOR TOTAL LENGTH OF PADS. INDIVIDUAL PAD DIMENSION INDICATED IS WIDTH x HEIGHT. MTG. HEIGHT AS NOTED.	
CONTROL JOINT, REFER TO A1.1, A1.2, & A3.1 FOR LOCATIONS.	

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SHEET

A3.2



GENERAL ELEVATION NOTES

BUILDING ELEVATIONS SHOWN ON THIS DRAWING ARE INTENDED FOR GENERAL REFERENCE PURPOSES ONLY. REFER TO REFERENCED SECTIONS AND DETAILS FOR MORE FULLY DESCRIBED CONDITIONS AND REQUIREMENTS.

101 102 — ROOM FINISH GROUPS (REFER TO SHEET NO.1)

ROOM NUMBER

DOOR NUMBER (DOOR SCHEDULE SHEET A8.1 AND 9.1)

PLAN KEY NOTES (THIS SHEET)

WALL / PARTITION TYPE (SCHEDULE SHEET NO.1 AND 9.1)

WINDOW OR STOREFRONT TYPE (REFER TO FLOOR PLANS AND SCHEDULE SHEET A8.1)

TOILET ACCESSORIES (SCHEDULE SHEET A2.1 AND A8.1)

ELEVATION KEY NOTE (SHEET A3.1)

ROOF KEY NOTE (SHEET A4.1)

CEILING PLAN KEY NOTE (SHEET A7.1)

SIGNAGE KEY NOTE (SHEET NO.1)

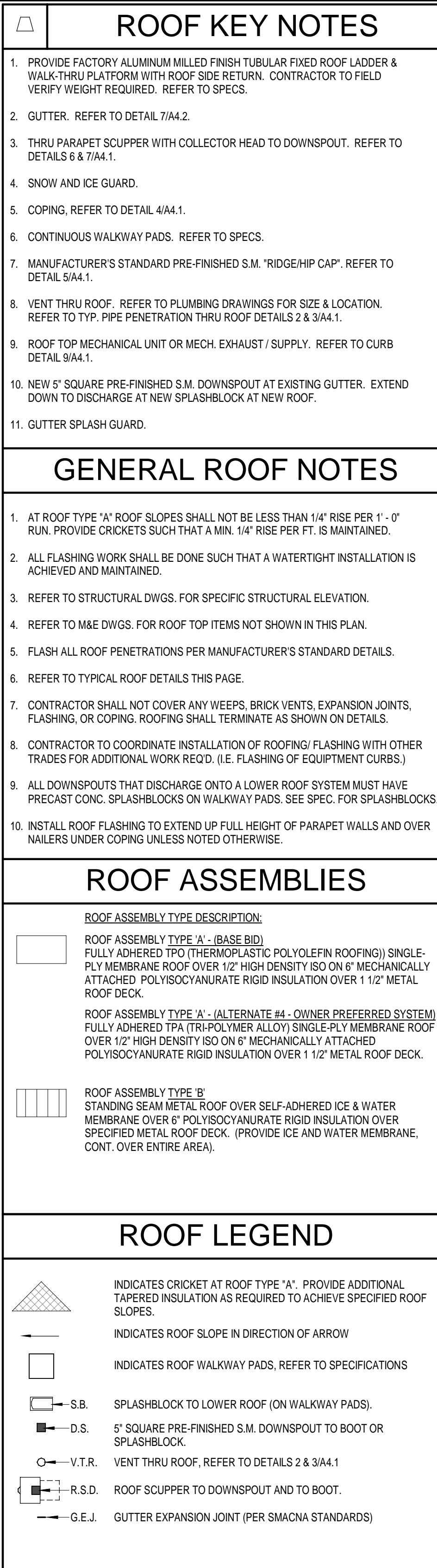
WALL MOUNTED FIRE EXTINGUISHER (MOUNT CTR. LINE OF HANDLE AT 4'0" A.F.F.)

FIRE EXTINGUISHER CABINET (SEMI-RECESSED), REFER TO DETAILS 6 & 7/68.1

DOWNSPOUT, OR DOWNSPOUT TO BOOT. REFER TO ROOF PLAN (SHEET A4.1)

ATHLETIC WALL PADS (W/P) (EACH) REFER TO SPECS. REFER TO PLANS FOR TOTAL LENGTH OF PADS. INDIVIDUAL PAD DIMENSION INDICATED IS WIDTH X HEIGHT. MTS: HEIGHT AS NOTED.

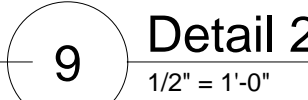
CONTROL JUNCTION: REFER TO A.1.1, A.1.2 & A.3.1 FOR LOCATIONS.



1



7



6



5



4



2



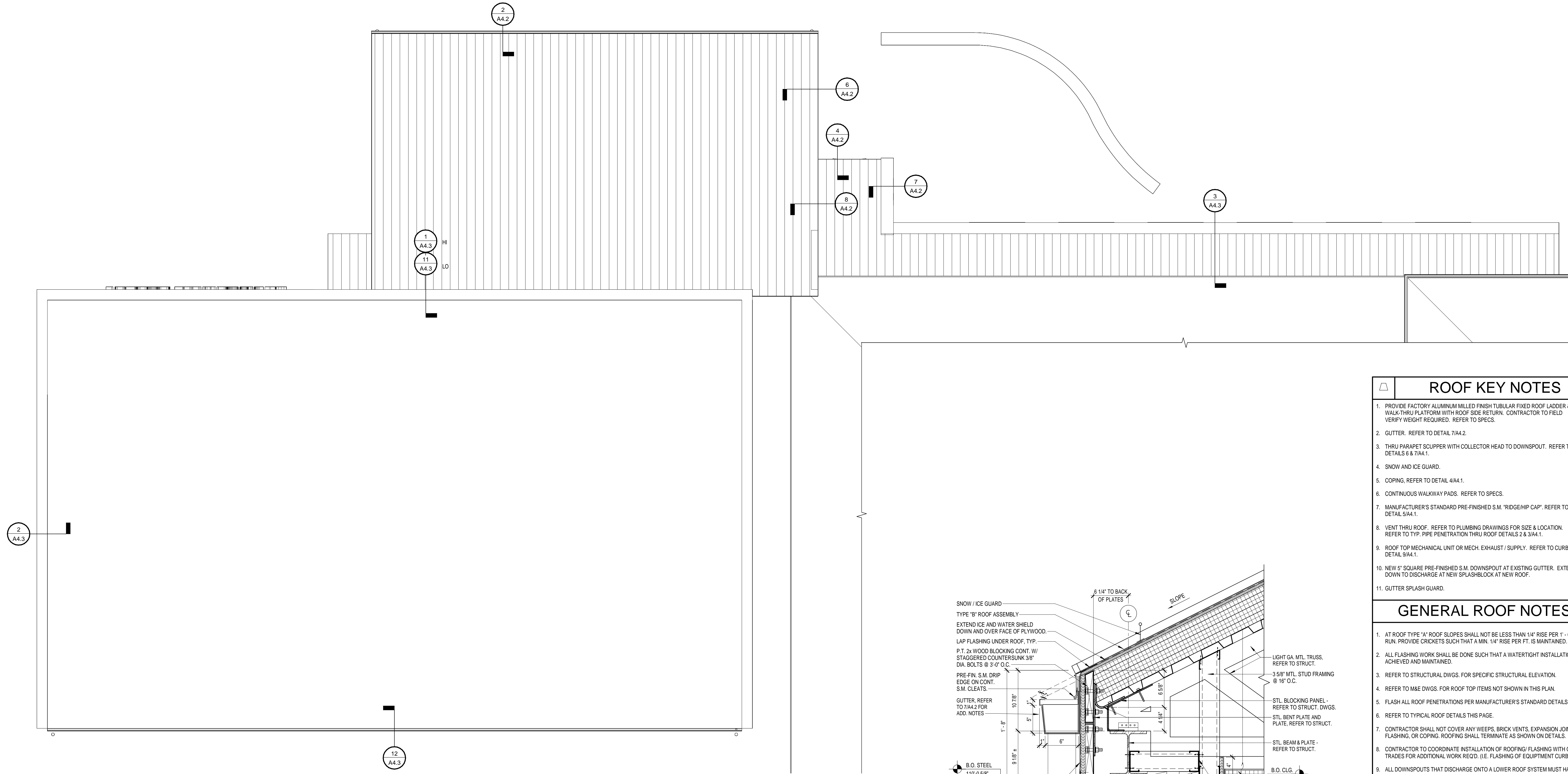
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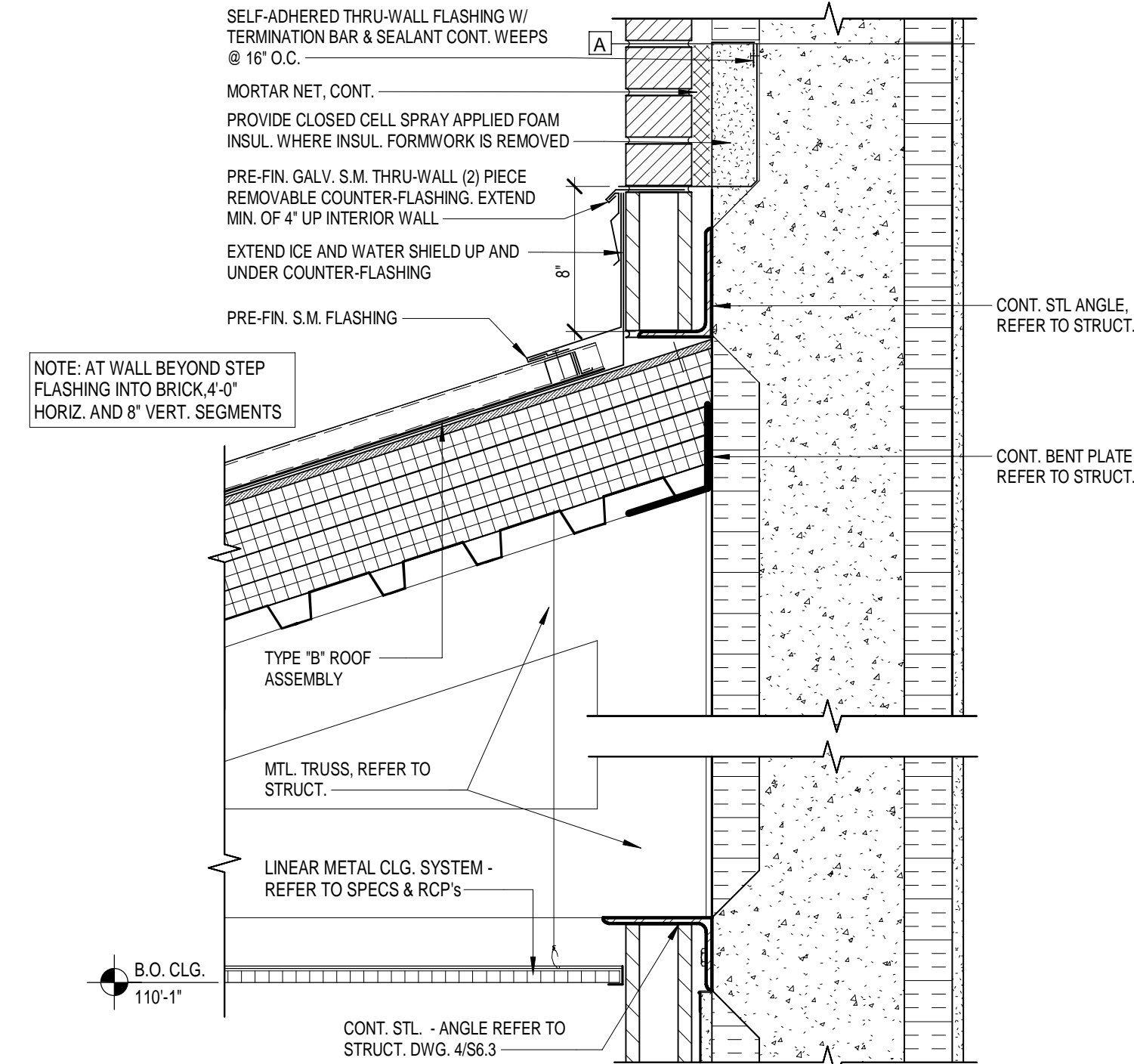
SHEET

A4.2



1 ROOF PLAN - MNH
1/8" = 1'-0"

2 GUTTER/FASCIA/SOFFIT DETAIL
1 1/2" = 1'-0"



3 ROOF DETAIL
1 1/2" = 1'-0"

ROOF KEY NOTES

1. PROVIDE FACTORY ALUMINUM MILLED FINISH TUBULAR FIXED ROOF LADDER & WALK-THRU PLATFORM WITH ROOF SIDE RETURN. CONTRACTOR TO FIELD VERIFY WEIGHT REQUIRED. REFER TO SPECS.
2. GUTTER. REFER TO DETAIL 7/A4.2.
3. THRU PARAPET SCUPPER WITH COLLECTOR HEAD TO DOWNSPOUT. REFER TO DETAILS 6 & 7/A4.1.
4. SNOW AND ICE GUARD.
5. COPING. REFER TO DETAIL 4/A4.1.
6. CONTINUOUS WALKWAY PADS. REFER TO SPECS.
7. MANUFACTURER'S STANDARD PRE-FINISHED S.M. "RIDGEHIP CAP". REFER TO DETAIL 5/A4.1.
8. VENT THRU ROOF. REFER TO PLUMBING DRAWINGS FOR SIZE & LOCATION. REFER TO TYP. PIPE PENETRATION THRU ROOF DETAILS 2 & 3/A4.1.
9. ROOF TOP MECHANICAL UNIT OR MECH. EXHAUST / SUPPLY. REFER TO CURB DETAIL 9/A4.1.
10. NEW 5" SQUARE PRE-FINISHED S.M. DOWNSPOUT AT EXISTING GUTTER. EXTEND DOWN TO DISCHARGE AT NEW SPLASHBLOCK AT NEW ROOF.
11. GUTTER SPLASH GUARD.

GENERAL ROOF NOTES

1. AT ROOF TYPE "A" ROOF SLOPES SHALL NOT BE LESS THAN 1/4" RISE PER 1'-0" RUN. PROVIDE CRICKETS SUCH THAT A MIN. 1/4" RISE PER FT. IS MAINTAINED.
2. ALL FLASHING WORK SHALL BE DONE SUCH THAT A WATERTIGHT INSTALLATION IS ACHIEVED AND MAINTAINED.
3. REFER TO STRUCTURAL DWGS. FOR SPECIFIC STRUCTURAL ELEVATION.
4. REFER TO MAE DWGS. FOR ROOF TOP ITEMS NOT SHOWN IN THIS PLAN.
5. FLASH ALL ROOF PENETRATIONS PER MANUFACTURER'S STANDARD DETAILS.
6. REFER TO TYPICAL ROOF DETAILS THIS PAGE.
7. CONTRACTOR SHALL NOT COVER ANY WEEPS, BRICK VENTS, EXPANSION JOINTS, FLASHING, OR COPING. ROOFING SHALL TERMINATE AS SHOWN ON DETAILS.
8. CONTRACTOR TO COORDINATE INSTALLATION OF ROOFING / FLASHING WITH OTHER TRADES FOR ADDITIONAL WORK REQ'D. (I.E. FLASHING OF EQUIPMENT CURBS.)
9. ALL DOWNSPOUTS THAT DISCHARGE ON TO A LOWER ROOF SYSTEM MUST HAVE PRECAST CONC. SPLASHBLOCKS ON WALKWAY PADS. SEE SPEC. FOR SPLASHBLOCKS.
10. INSTALL ROOF FLASHING TO EXTEND UP FULL HEIGHT OF PARAPET WALLS AND OVER NAILERS UNDER COPING UNLESS NOTED OTHERWISE.

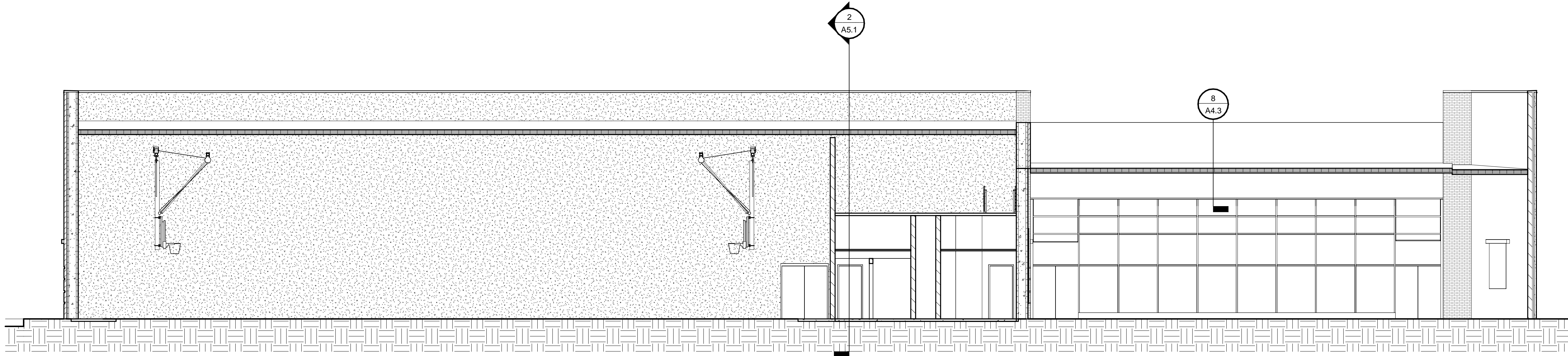
ROOF ASSEMBLIES

ROOF ASSEMBLY TYPE DESCRIPTION:

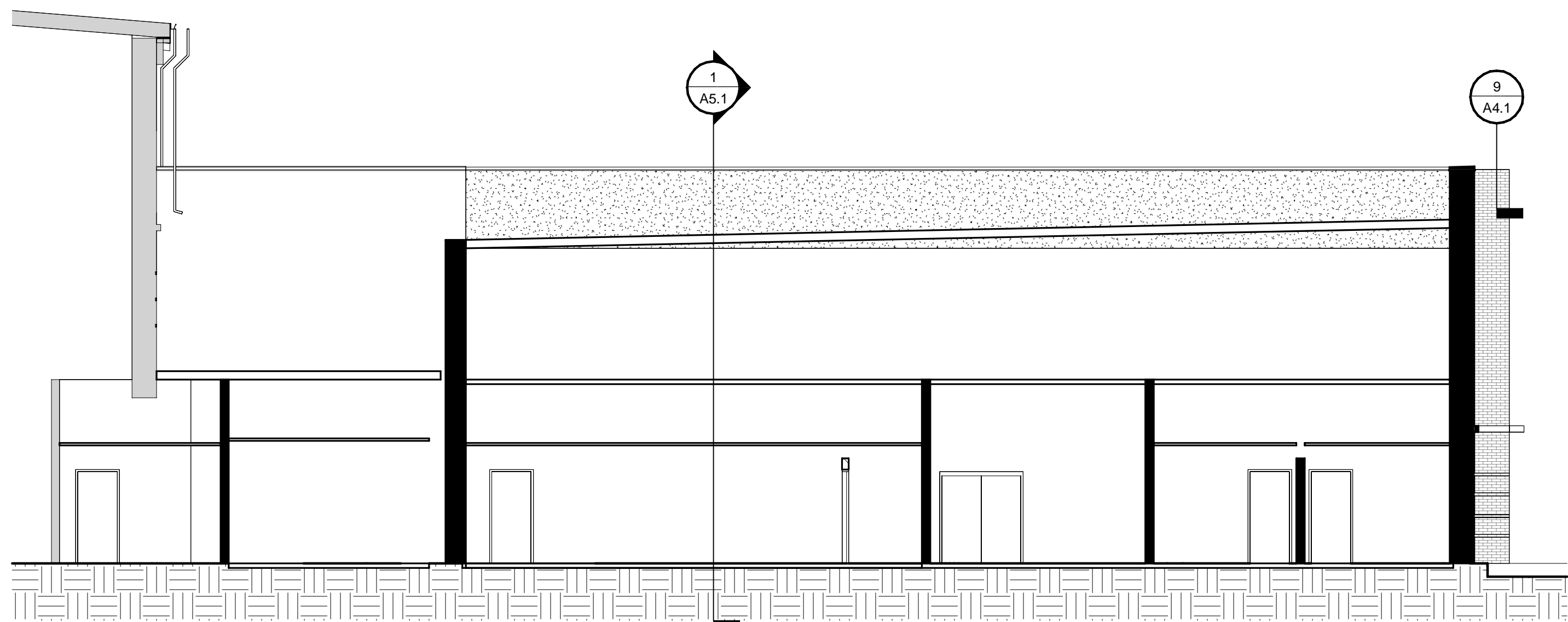
- ROOF ASSEMBLY TYPE "A" - (BASE BID)
FULLY ADHERED TPO THERMOPLASTIC POLYOLEFIN (ROOFING) SINGLE-PLY MEMBRANE ROOF OVER 1/2" HIGH DENSITY ISO ON 6" MECHANICALLY ATTACHED POLYISOCYANURATE RIGID INSULATION OVER 1 1/2" METAL ROOF DECK.
- ROOF ASSEMBLY TYPE "B" - (ALTERNATE BLD. OWNER PREFERRED SYSTEM)
FULLY ADHERED TPA (TPO/POLYMER ALLOY) SINGLE-PLY MEMBRANE ROOF OVER 1/2" HIGH DENSITY ISO ON 6" MECHANICALLY ATTACHED POLYISOCYANURATE RIGID INSULATION OVER 1 1/2" METAL ROOF DECK.
- ROOF ASSEMBLY TYPE "C"
STANDING SEAM METAL ROOF OVER SELF-ADHERED ICE & WATER MEMBRANE OVER 6" POLYISOCYANURATE RIGID INSULATION OVER SPECIFIED METAL ROOF DECK. (PROVIDE ICE AND WATER MEMBRANE, CONT. OVER ENTIRE AREA.)

ROOF LEGEND

- INDICATES CRICKET AT ROOF TYPE "A". PROVIDE ADDITIONAL TAPERED INSULATION AS REQUIRED TO ACHIEVE SPECIFIED ROOF SLOPES.
- INDICATES ROOF SLOPE IN DIRECTION OF ARROW
- INDICATES ROOF WALKWAY PADS, REFER TO SPECIFICATIONS
- S.B. SPLASHBLOCK TO LOWER ROOF (ON WALKWAY PADS).
- D.S. 5" SQUARE PRE-FINISHED S.M. DOWNSPOUT TO BOOT OR SPLASHBLOCK.
- V.T.R. VENT THRU ROOF. REFER TO DETAILS 2 & 3/A4.1
- R.S.D. ROOF SCUPPER TO DOWNSPOUT AND TO BOOT.
- G.E.J. GUTTER EXPANSION JOINT (PER SMACNA STANDARDS)



1 EAST/WEST VIEW - HCC
1/8" = 1'-0"



2 NORTH/SOUTH VIEW - HCC
1/8" = 1'-0"

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SHEET

A5.1

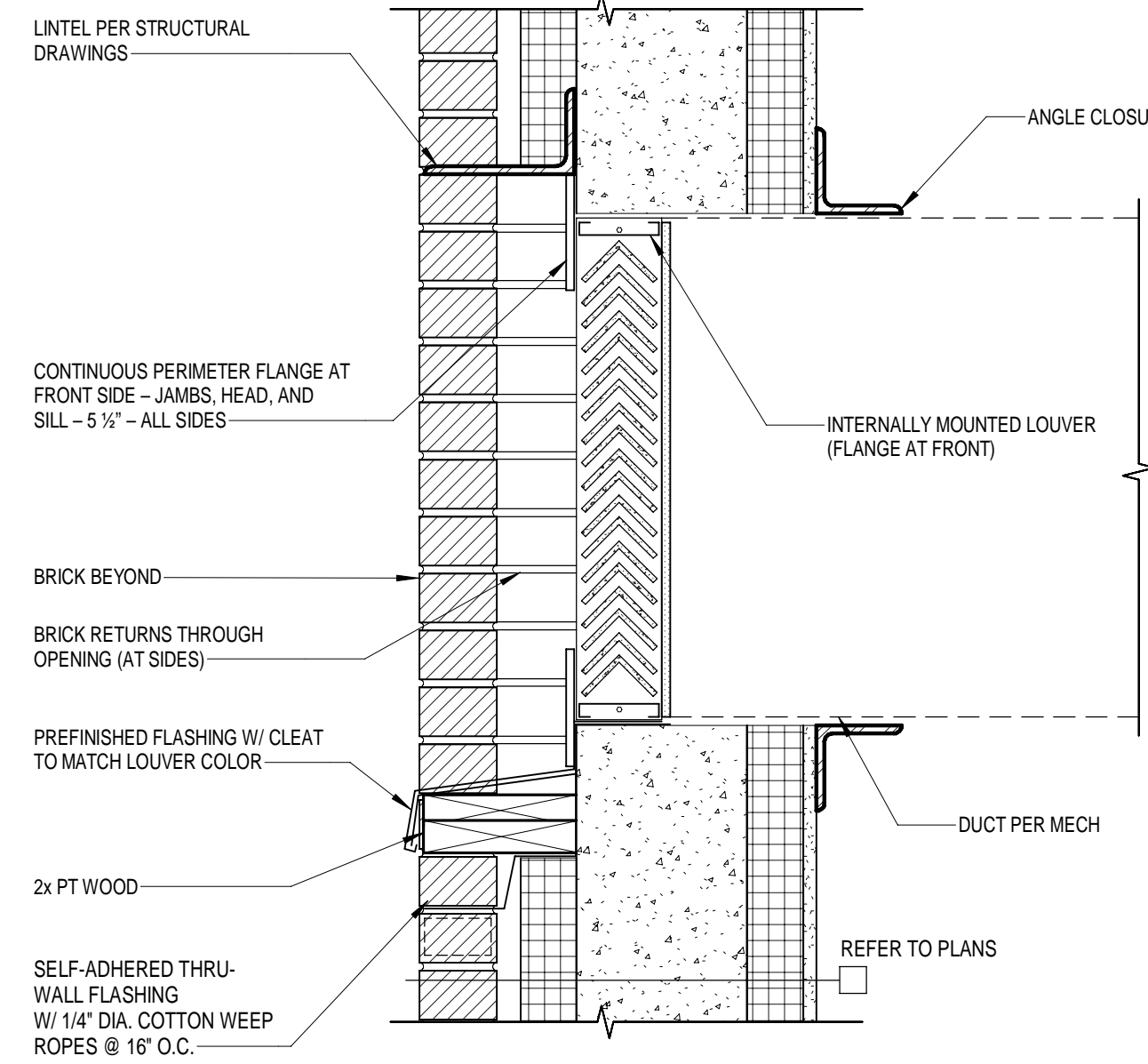
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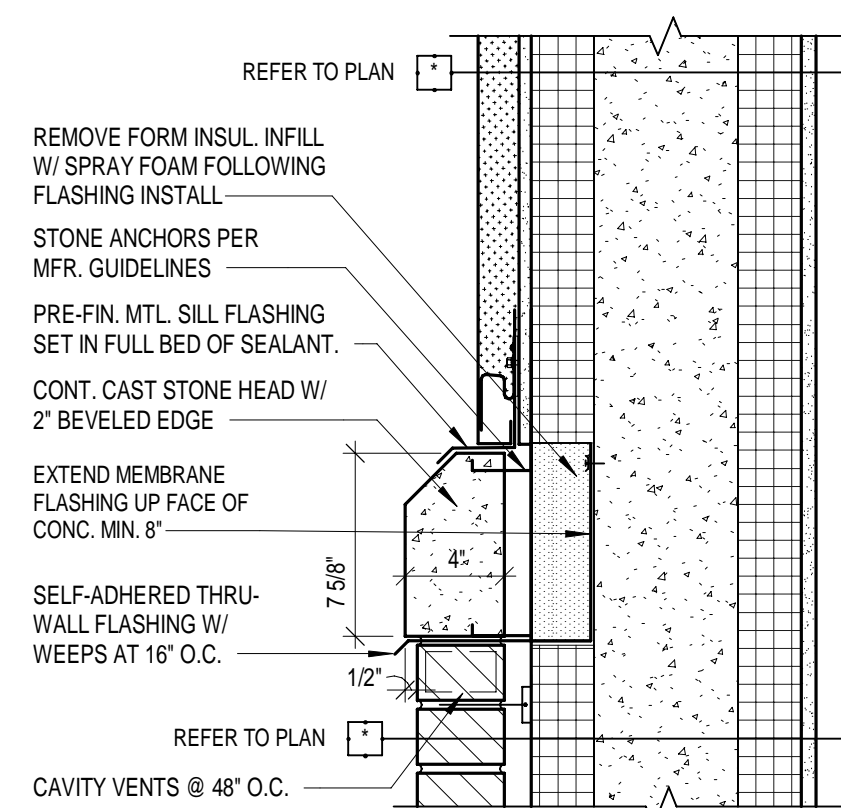
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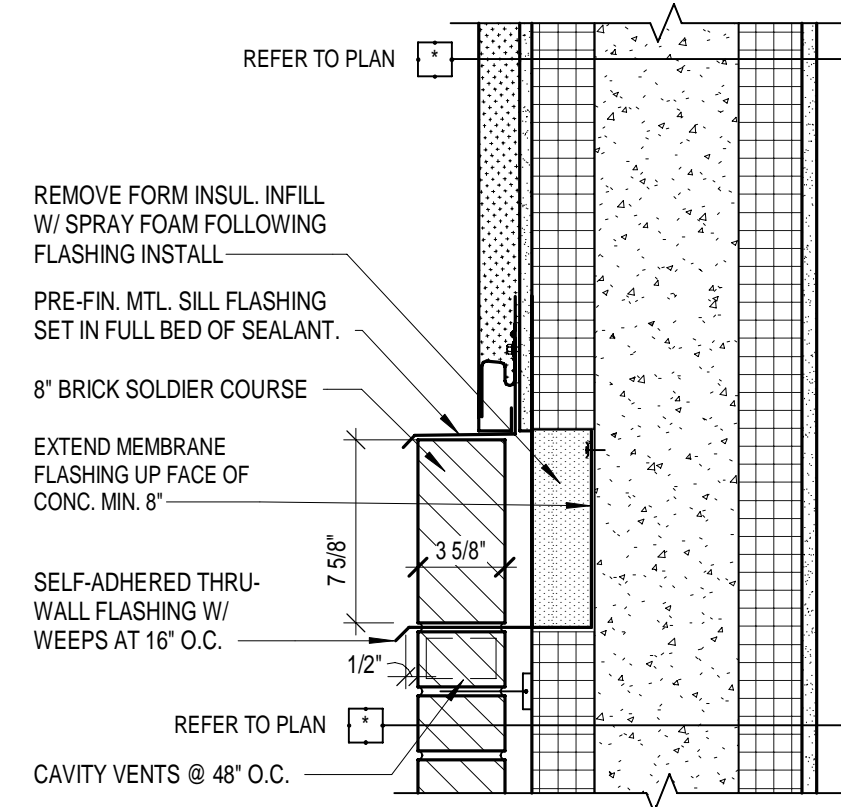
A6.1



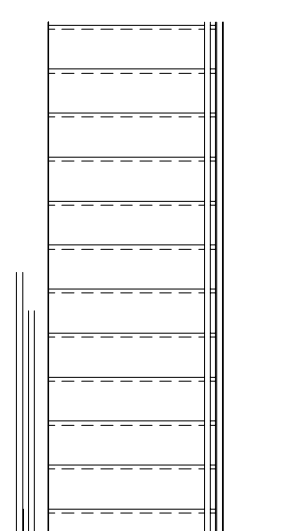
18 LOUVER DETAIL
1 1/2" = 1'-0"



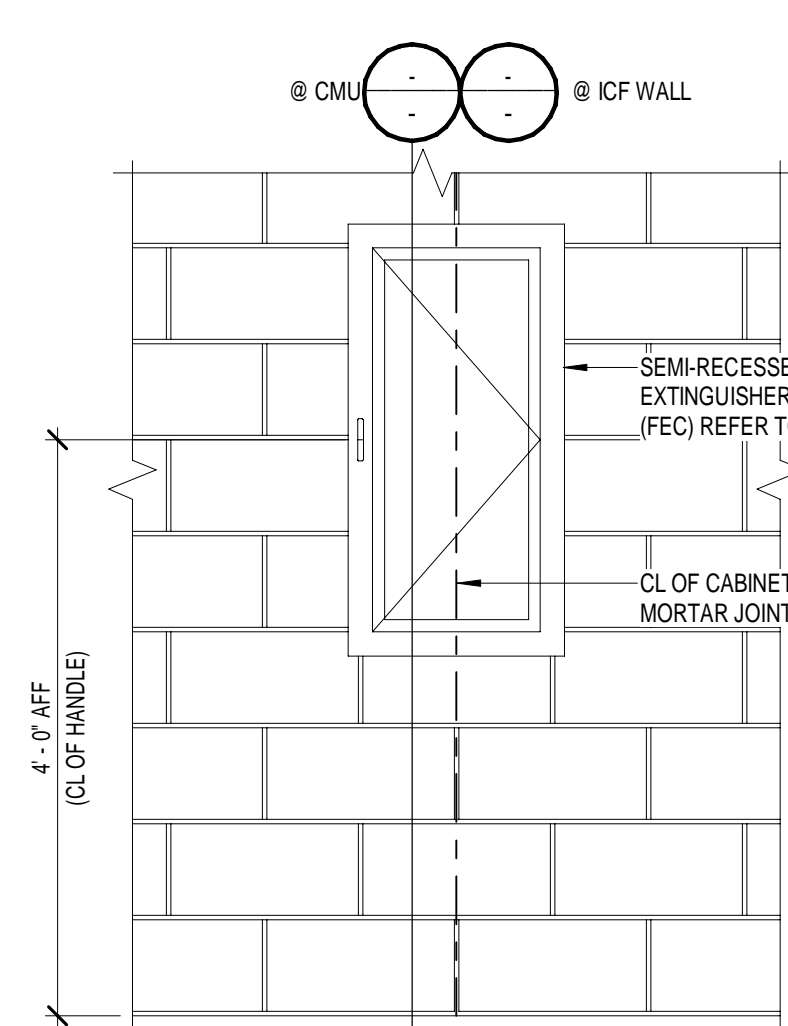
19 SECTION DETAIL
1 1/2" = 1'-0"



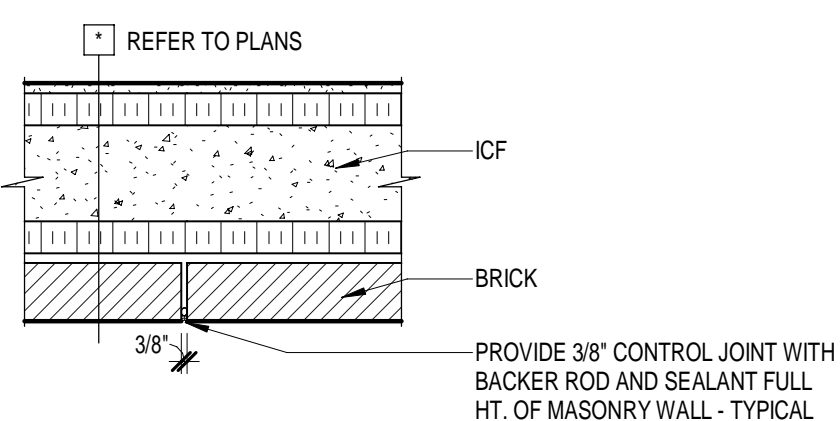
20 SECTION DETAIL
1 1/2" = 1'-0"



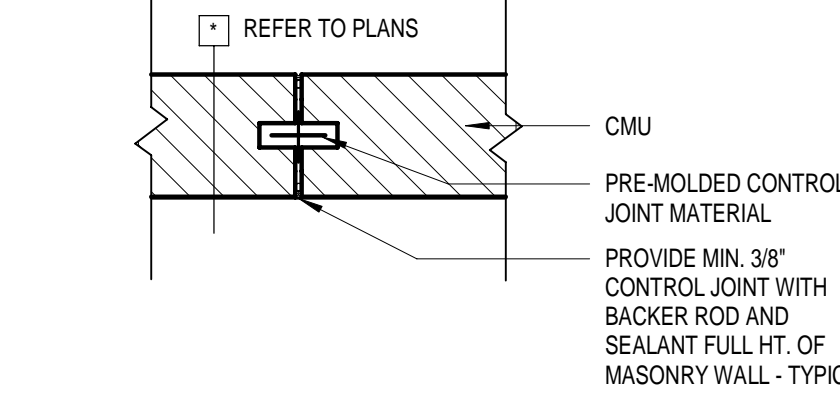
17 MEZZANINE - HCC - Callout 1
1/4" = 1'-0"



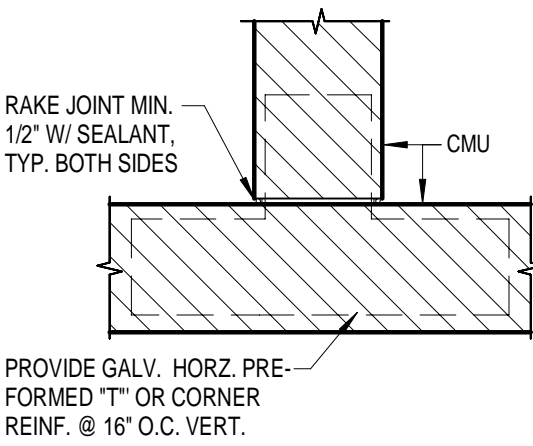
10 TYP. FEC ELEVATION
3/4" = 1'-0"



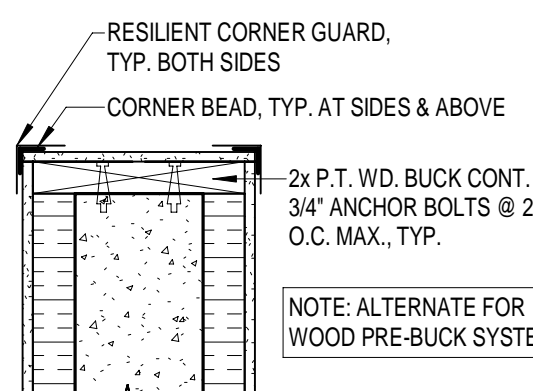
12 TYP. MASONRY / ICF EXP. JOINT
1" = 1'-0"



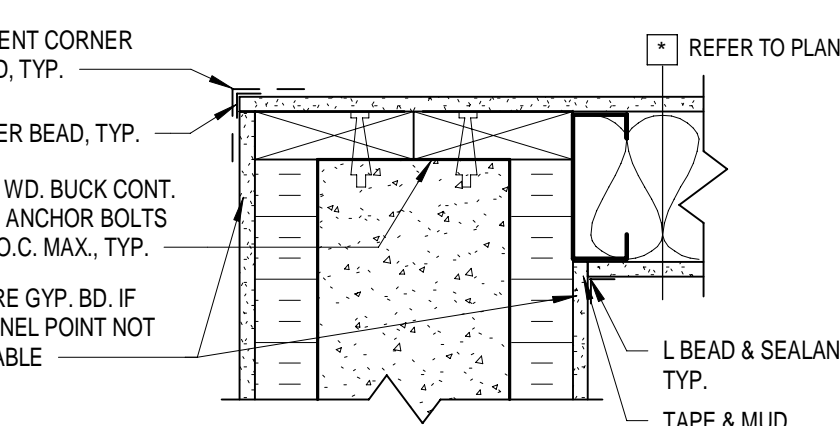
13 TYP. EXPANSION JOINT @
INT. MASONRY PARTITION
1" = 1'-0"



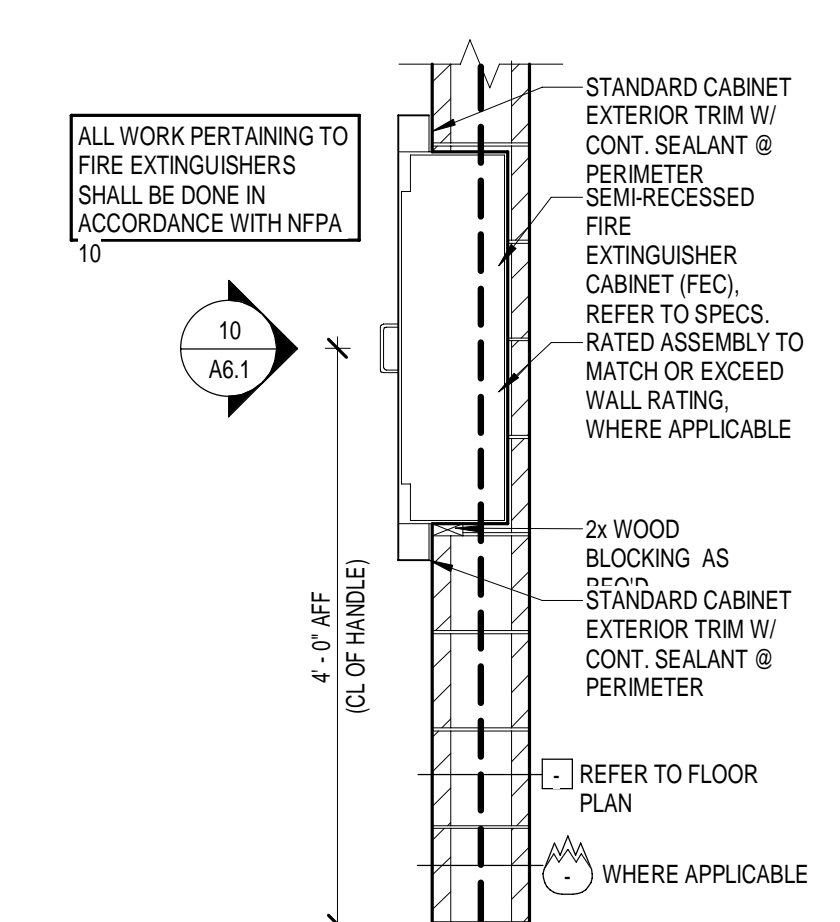
14 TYPICAL INT. CMU PARTITION
INTERSECTION DTL.
1" = 1'-0"



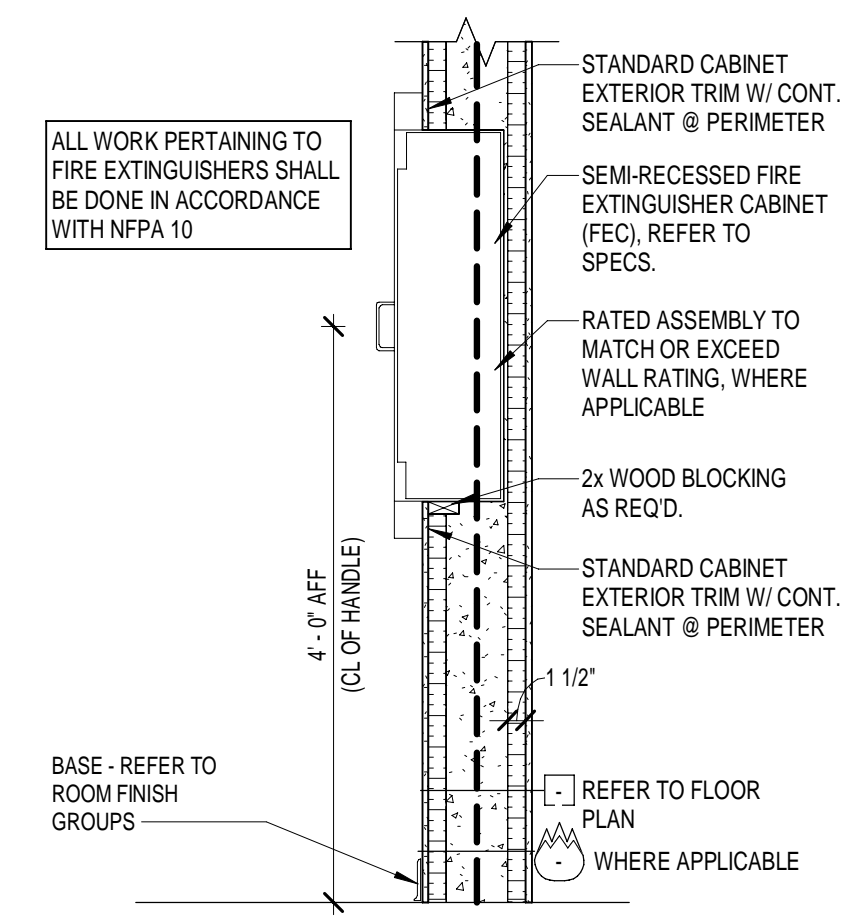
15 TYP. ICF WALL OPENING DTL.
1" = 1'-0"



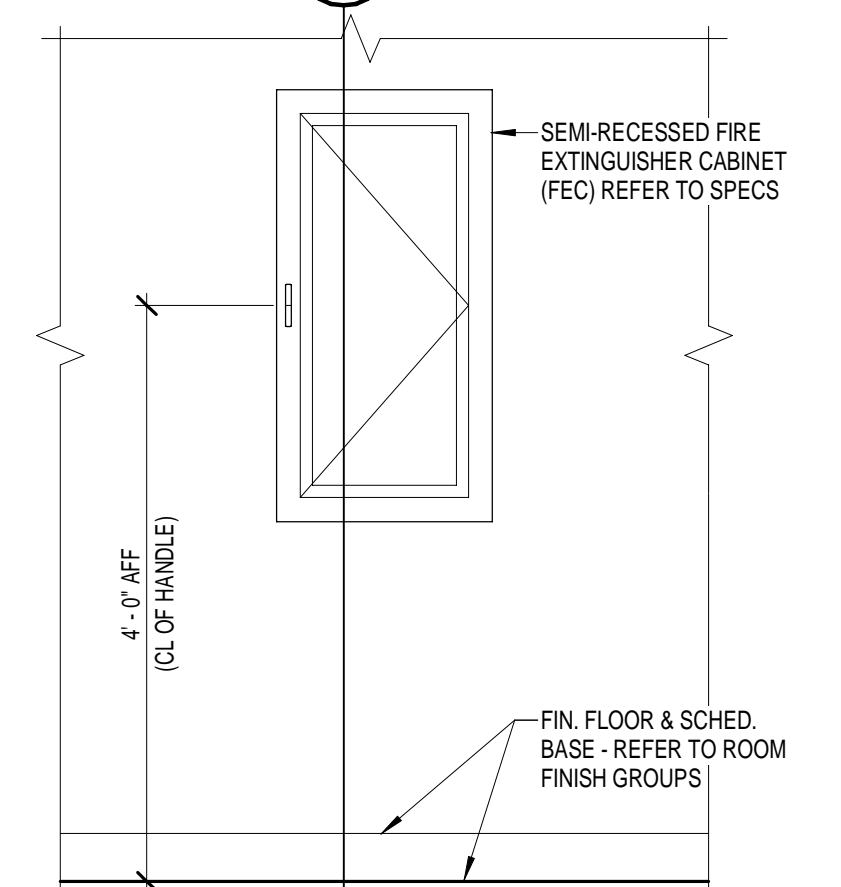
16 TYP. ICF CORNER TO MTL. STUD
1 1/2" = 1'-0"



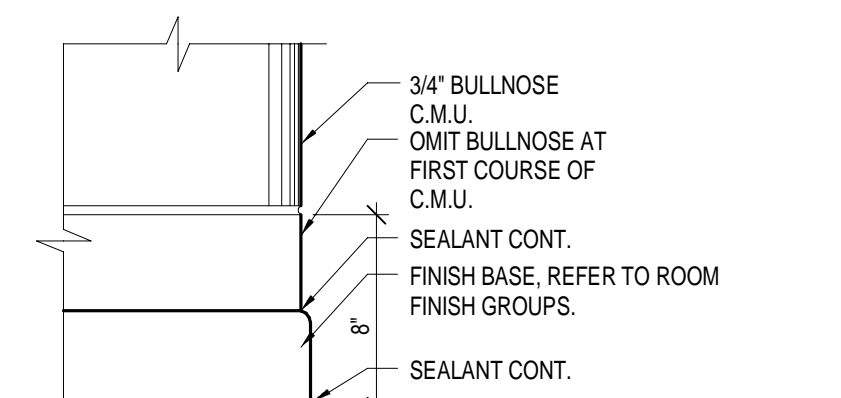
10 TYP. FEC SECTION @ CMU
3/4" = 1'-0"



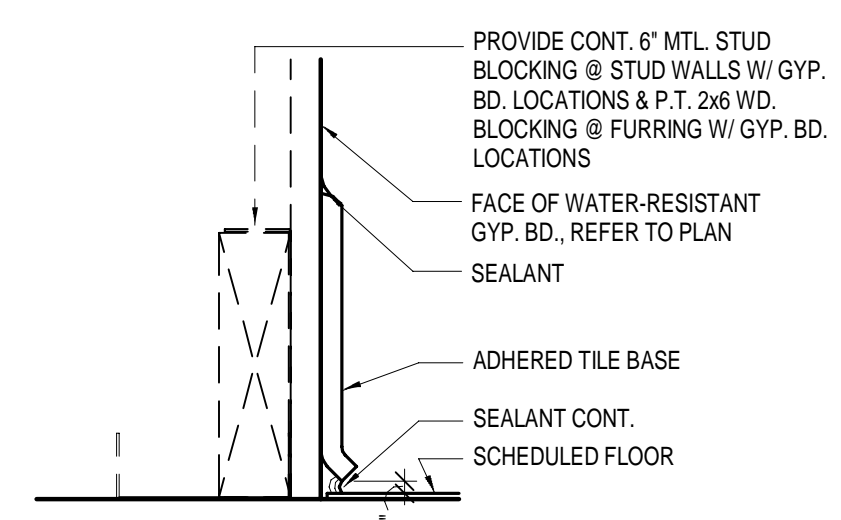
6 TYP. FEC SECTION @ ICF WALL
3/4" = 1'-0"



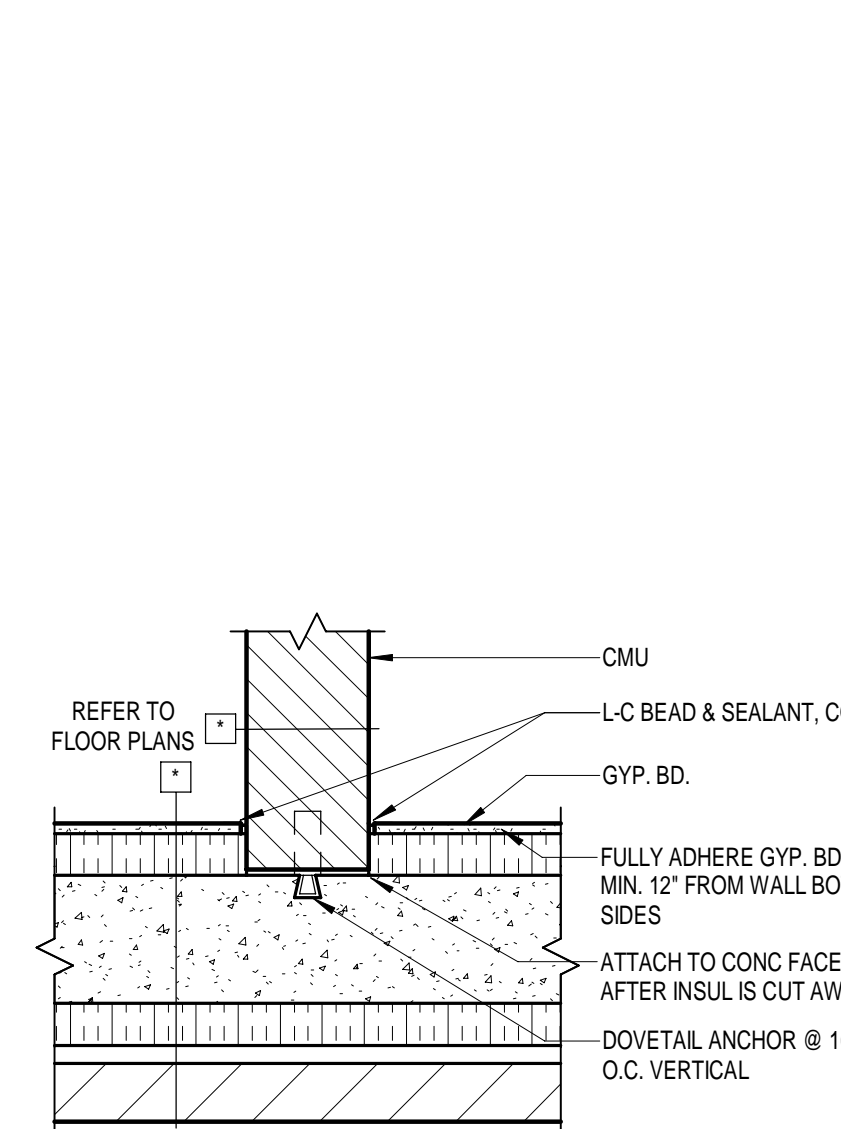
7 TYP. FEC ELEVATION
3/4" = 1'-0"



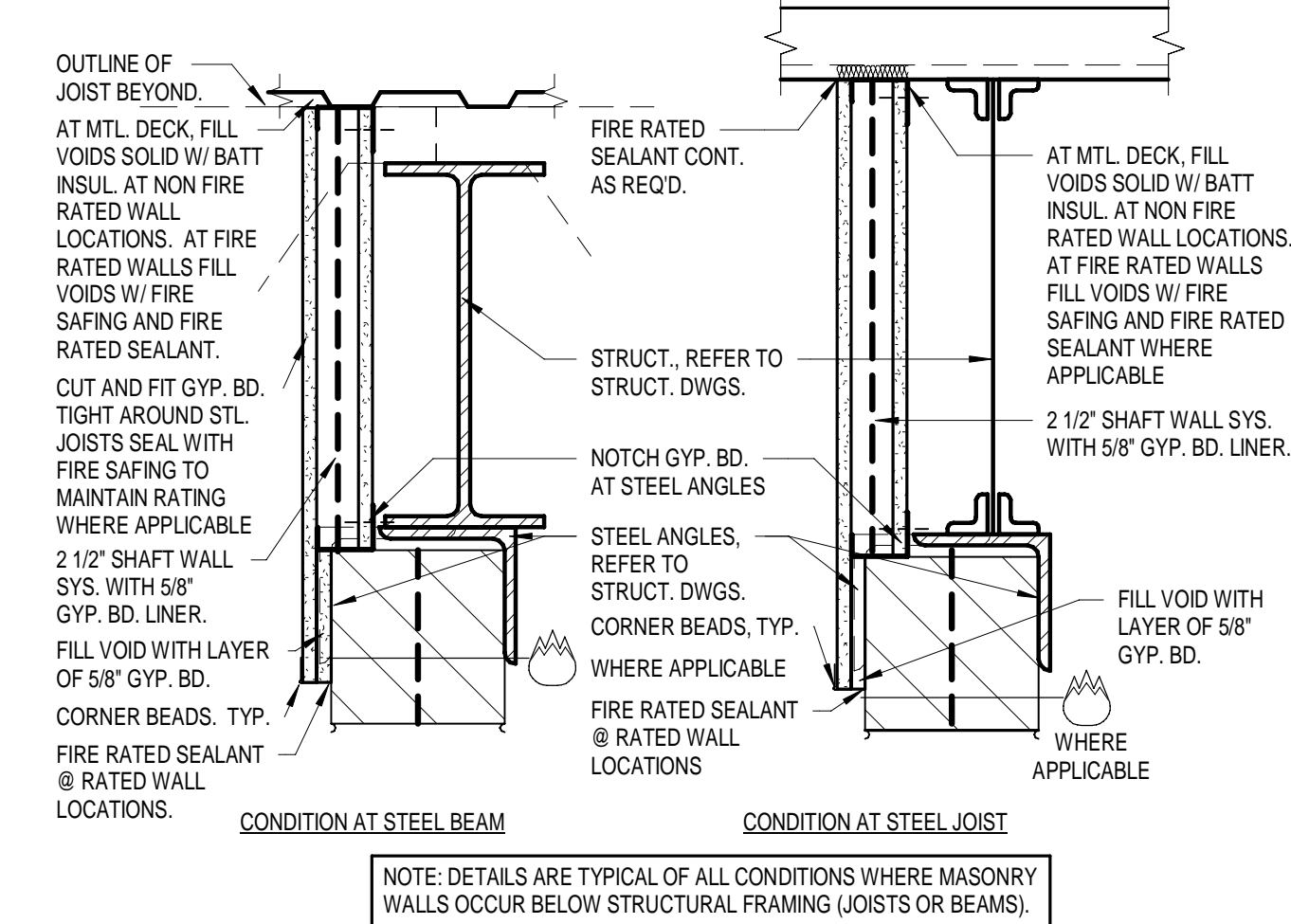
8 TYP. CMU BASE DETAIL
1 1/2" = 1'-0"



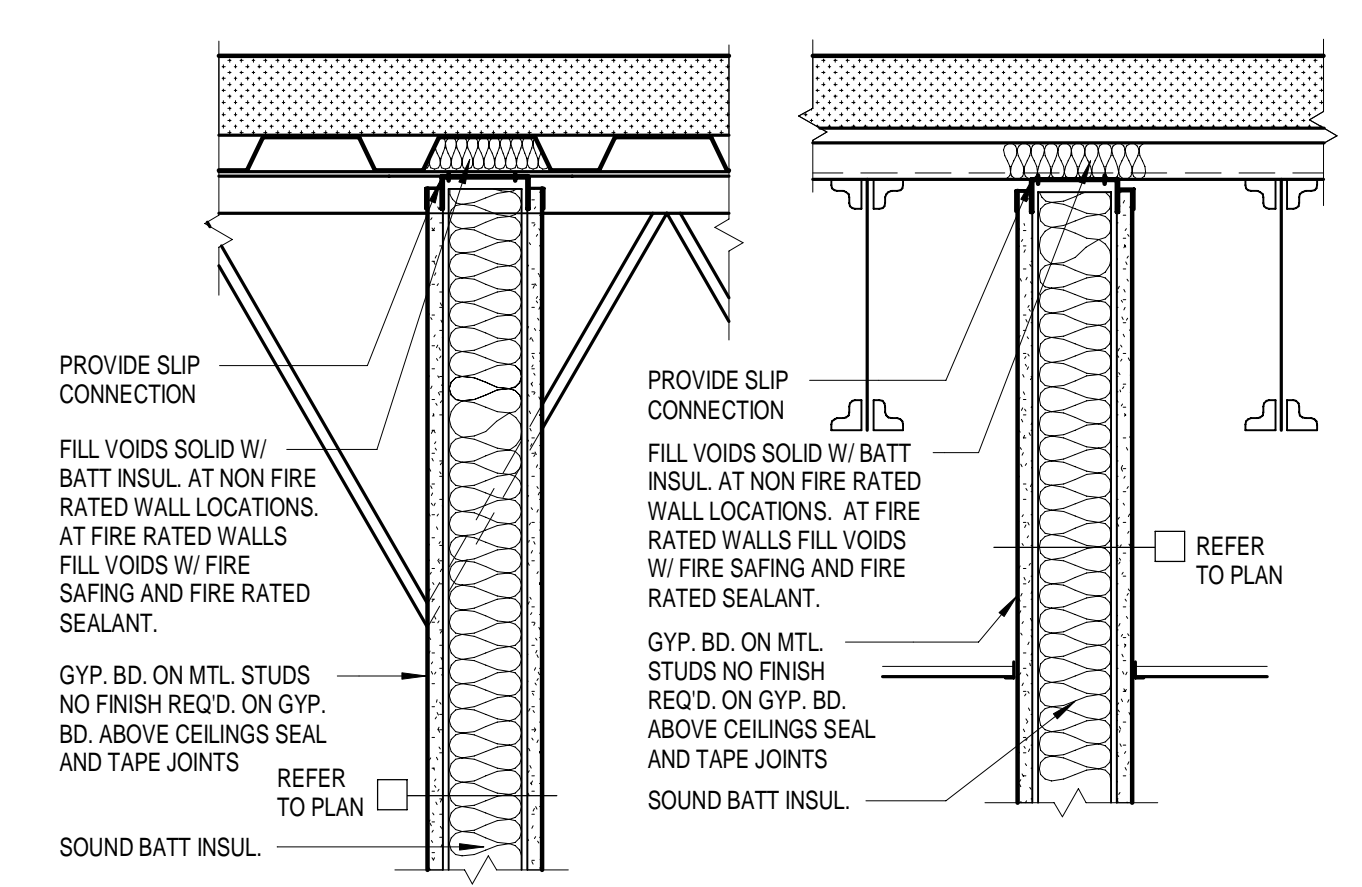
9 TILE BASE AT GYP. WALLS
3" = 1'-0"



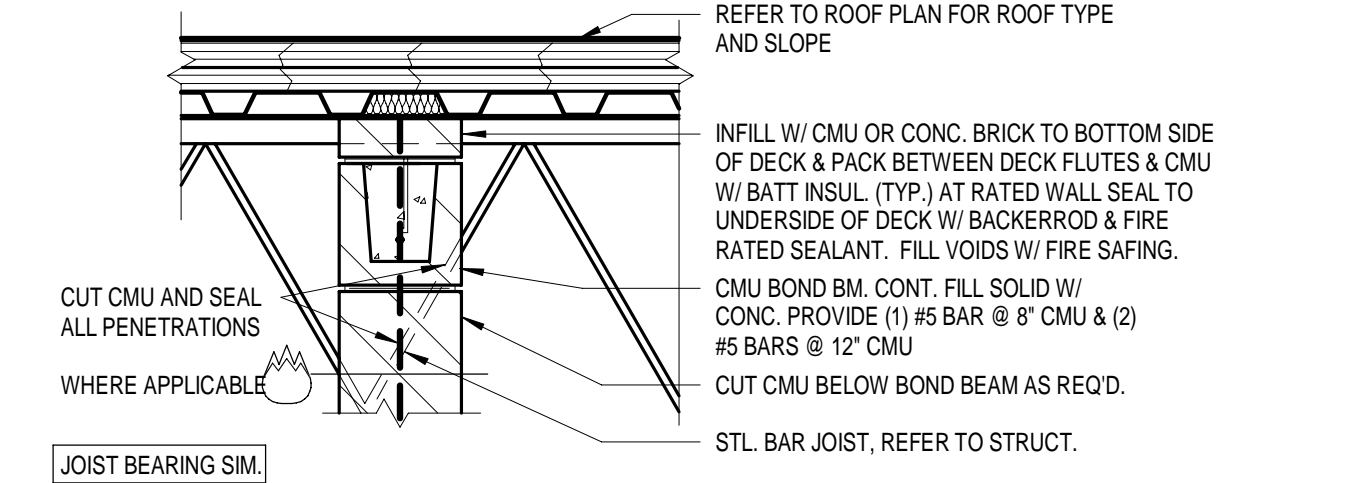
11 TYP. ICF/CMU INTERSECTION DTL.
1" = 1'-0"



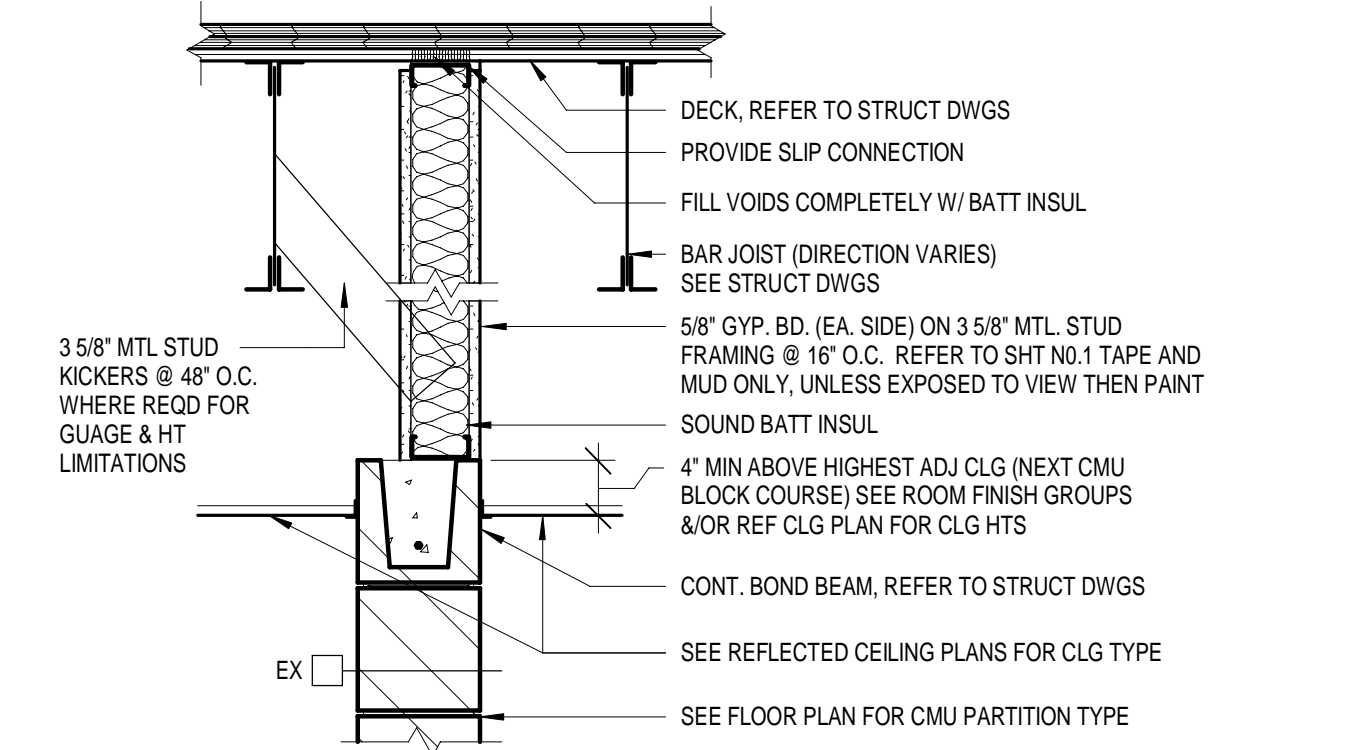
1 AT RATED, \"FH\" OR \"EX\" ASSEMBLIES
1 1/2" = 1'-0"



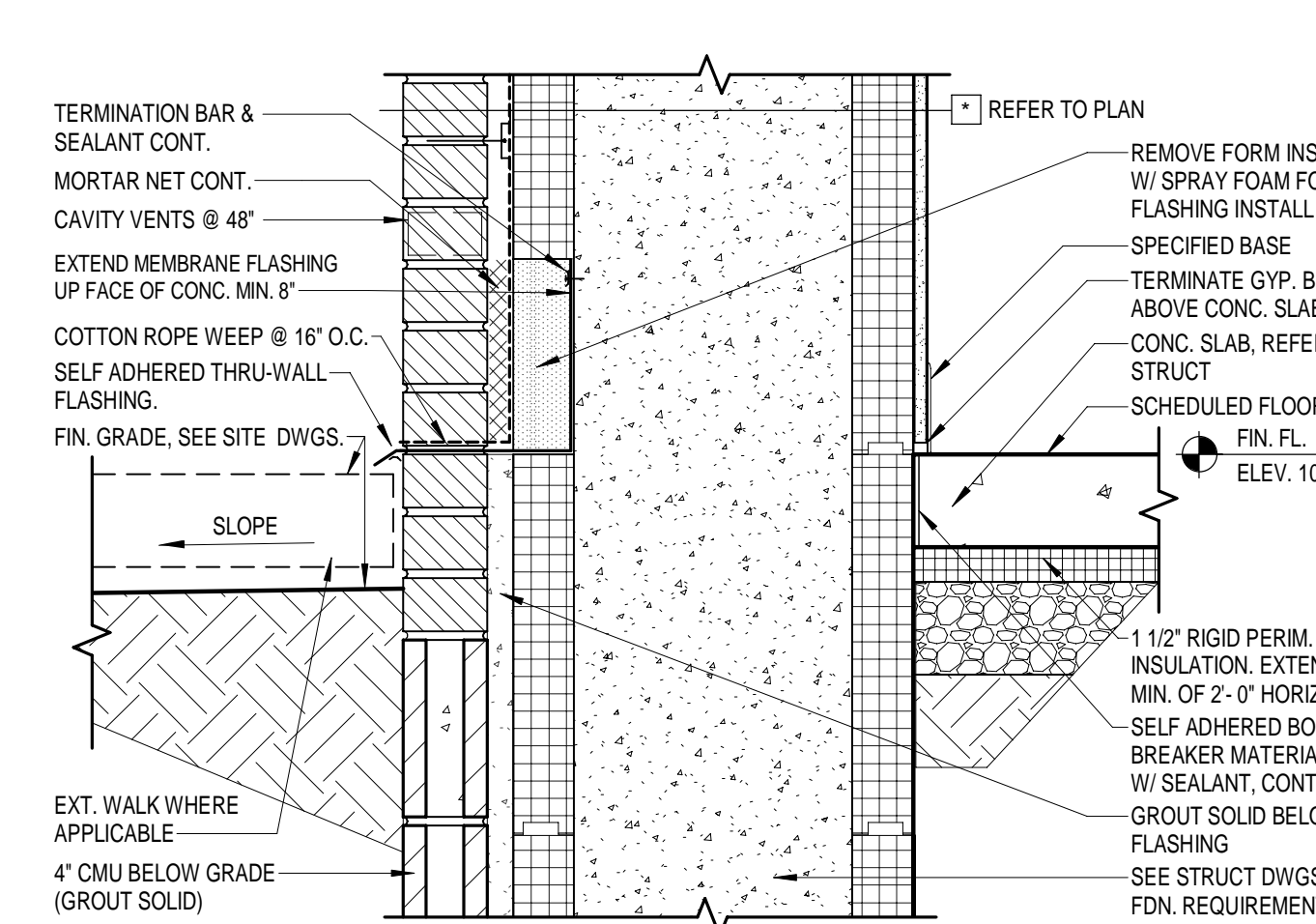
2 \"FH\" METAL STUD/ GYP. BD. PARTITION
1 1/2" = 1'-0"



3 NON-LOAD BEARING \"FH\" CMU PARTITIONS
1" = 1'-0"



4 TYP NON-LOAD BEARING \"EX\" CMU
PARTITION
1" = 1'-0"

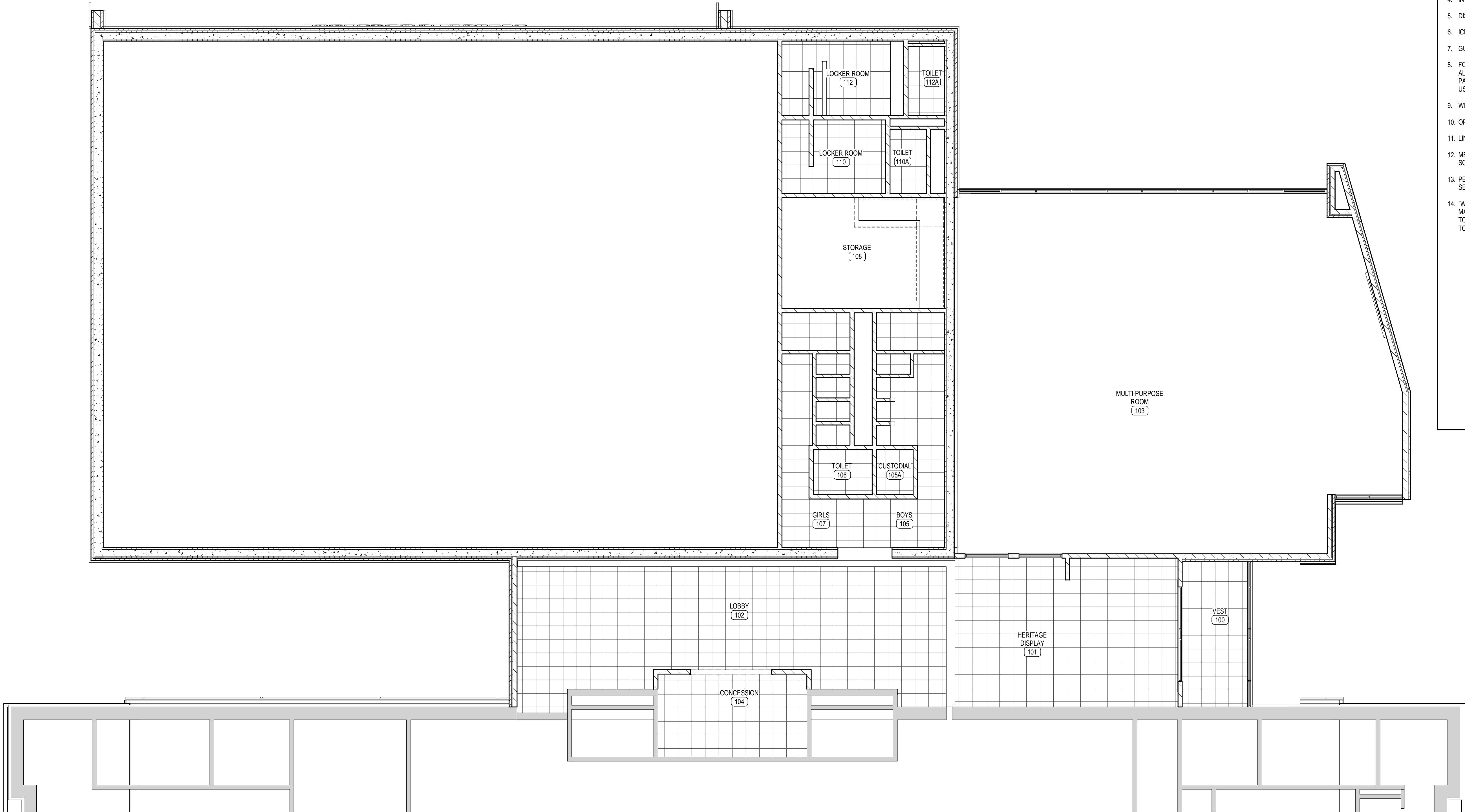


5 BASE FLASHING DETAIL
1 1/2" = 1'-0"

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SHEET

A7.1

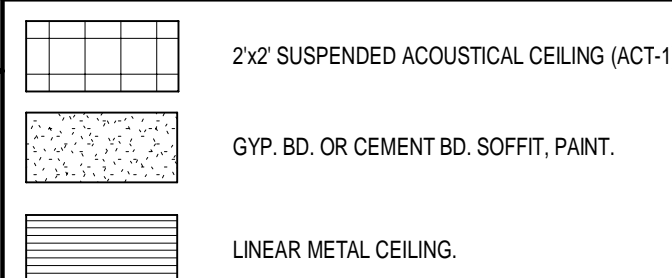


1 REFLECTED CEILING PLAN - HCC
1/8" = 1'-0"

REFLECTED CEILING PLAN KEY NOTES

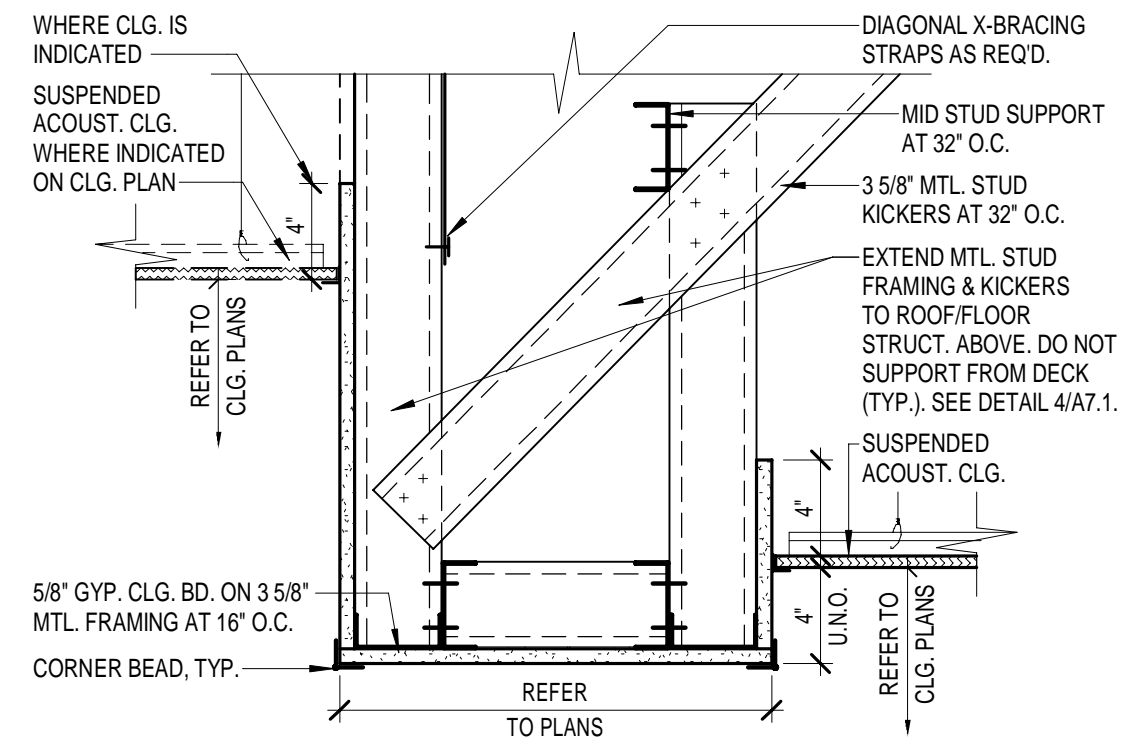
1. GYP. BD. BULKHEAD - SEE 2/A7.1.
2. METAL SOFFIT AT EXTERIOR. REFER TO DETAILS.
3. OPEN TO STRUCTURE, PAINT. PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.
4. INTERIOR GYP. BD. SOFFIT, PAINT. REFER TO DETAILS, THIS SHEET.
5. DISPLAY CASE WITH SOFFIT, SEE DETAILS 2 & 3 A1.1.
6. ICF BULKHEAD, REFER TO DETAIL 6/A7.1.
7. GUTTER - REFER TO ROOF PLAN, SHEET A4.1.
8. FORWARD FOLDING ELECTRIC OPERATED BASKETBALL GOALS, REFER TO SPECS. ALL SUPPLEMENTAL SUPPORT STRUCTURE SHALL BE PROVIDED BY GOAL MFR. PAINT FRAMING TO MATCH ROOF STRUCTURE. PAINT ALL EXPOSED BLOCKING USED FOR ATTACHMENT ADJACENT WALL COLOR.
9. WIRELESS SCOREBOARDS WITH WIRELESS CONTROLS.
10. OPEN TO STRUCTURE, NO FINISH.
11. LINEAR METAL CEILING, WITH INSECT SCREEN INSERTS.
12. METAL DRYWALL CONTROL JOINT, PAINT. EXTEND JOINT UP VERTICAL SIDES OF SOFFIT.
13. PERIMETER 4" ACoustical WALL PANELS - ALL WALLS - GYMNASIUM. REFER TO SECTIONS. OMIT AT SCOREBOARD LOCATIONS.
14. "WOODWORKS GRILLE - CEILING TO WALL WOOD CEILING SYSTEM" AS MANUFACTURED BY ARMSTRONG WORLD INDUSTRIES (OR EQUIVALENT). REFER TO WOOD PANEL CEILING SPEC. REFER TO BUILDING SECTIONS FOR HEIGHTS AND TO DETAIL 4/A1.1 & 4/A3.1. TOTAL WIDTH & LENGTH AS FOLLOWS:
LOBBY 307: 1 @ 6W x 10'-6"L
LOBBY 308: 2 @ 8W x 15'-0"L
LOBBY 310: 1 @ 8W x 10'-6"L

REFLECTED CEILING LEGEND

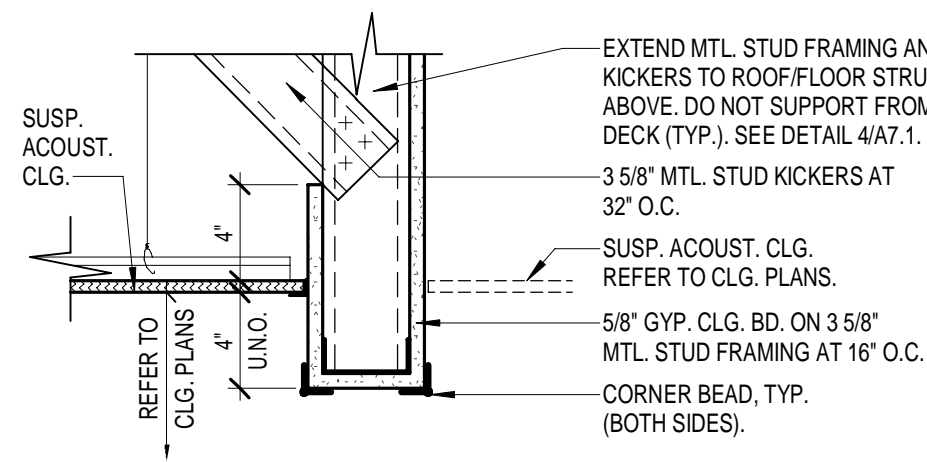


GENERAL REFLECTED CEILING PLAN NOTES

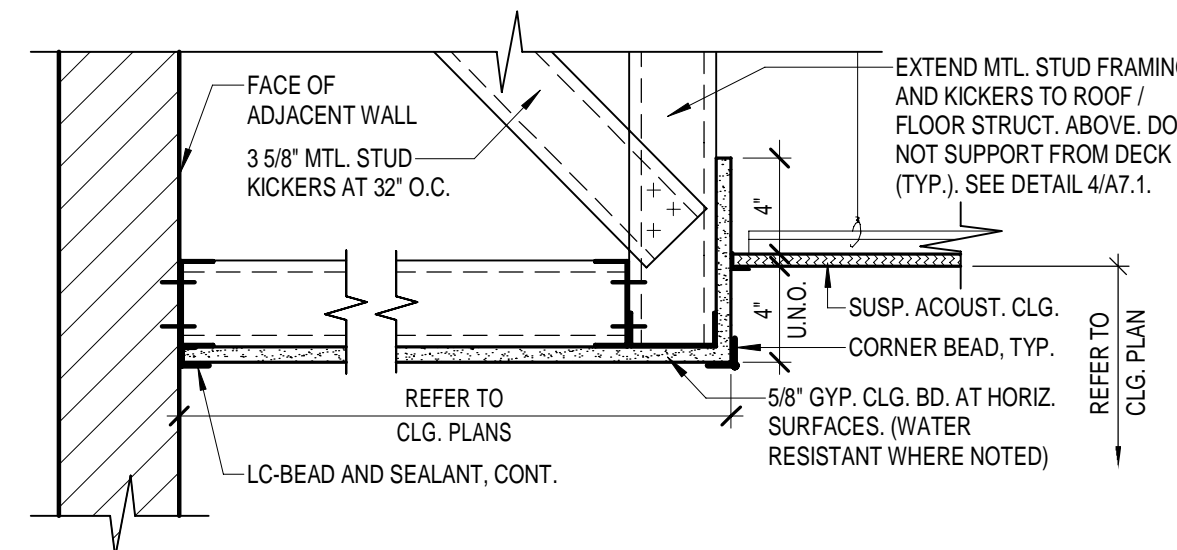
- R1 = KEYNOTES (WHERE APPLICABLE)
- R2 = SOFFIT, CEILING HEIGHT OR BOTTOM OF STEEL LINTEL (WHERE APPLICABLE)
- R3 = CEILING RELATED MECHANICAL AND ELECTRICAL ITEMS ARE NOT SHOWN ON REFLECTED CEILING PLANS. SEE MECHANICAL AND/OR ELECTRICAL DRAWINGS FOR TYPE, SIZE, AND OTHER REQUIREMENTS PERTAINING SPECIFICALLY TO THESE ITEMS. - EPOXY PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.
- R4 = REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL FIXTURES NOT SHOWN.
- R5 = REFER TO WALL TYPES FOR DESCRIPTION OF WALLS EXTENDING (OR NOT) TO UNDERSIDE OF DECKING AND/OR STRUCTURE ABOVE.
- R6 = INSTALL SPRINKLER HEADS IN CENTER OF 2x2 CEILING PANELS.
- R7 = INSTALL ALL SPRINKLER HEADS ON SWING ARM NIPPLES. REFER TO MECHANICAL DRAWINGS FOR SPECIFIC REQUIREMENTS.
- R8 = SOFFIT DIMENSIONS SHOWN ARE FROM FACE OF WALL OR FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD.
- R9 = CEILING TO BE 2x2 SUSPENDED ACOUSTICAL PANEL SYSTEM U.N.O.
- R10 = GYPSUM CEILING BOARD SHALL BE USED AT ALL HORIZONTAL SURFACES.
- R11 = REFER TO DOOR, FRAME DETAILS AND STRUCTURAL DRAWINGS FOR SPECIFIC LINTEL LOCATIONS. PAINT EXPOSED STEEL LINTELS (GALV. AT EXTERIOR LOCATIONS).
- R12 = UNLESS SPECIFICALLY LOCATED, GYPSUM BOARD CONTROL JOINTS AS REQUIRED BY INDUSTRY STANDARDS OR SPECS, WHICHEVER IS MORE RESTRICTIVE. CONFIRM LOCATIONS WITH ARCHITECT.



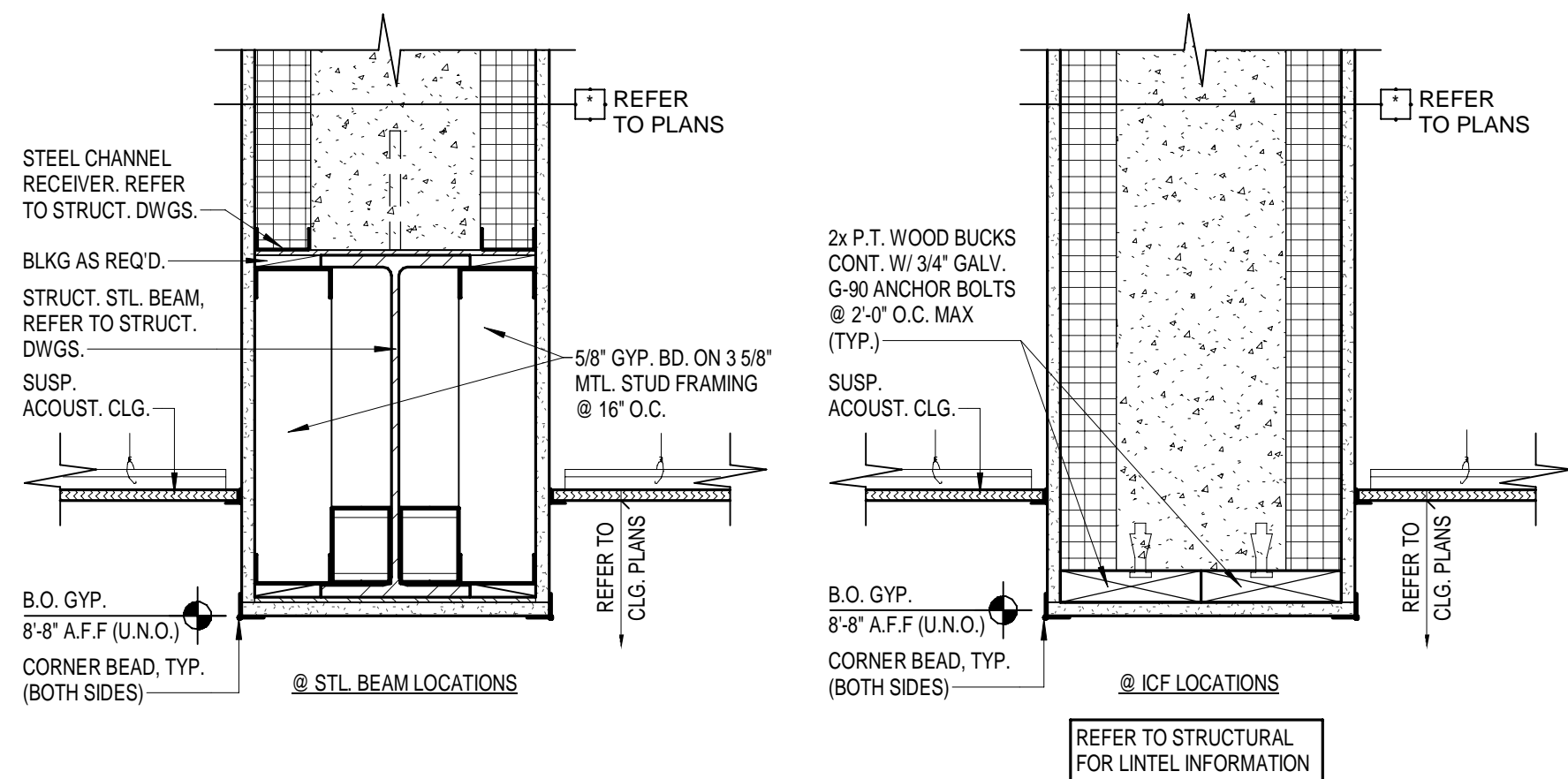
2 TYP. SOFFIT DETAIL
1 1/2" = 1'-0"



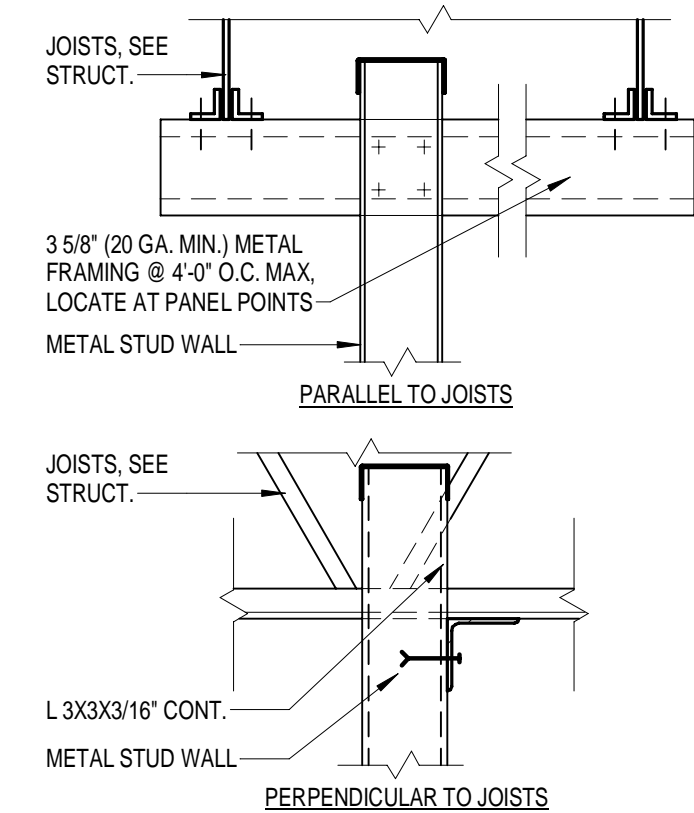
5 TYP. BULKHEAD DETAIL
1 1/2" = 1'-0"



3 TYP. SOFFIT DETAIL
1 1/2" = 1'-0"



6 ICF SOFFIT DETAILS
1 1/2" = 1'-0"

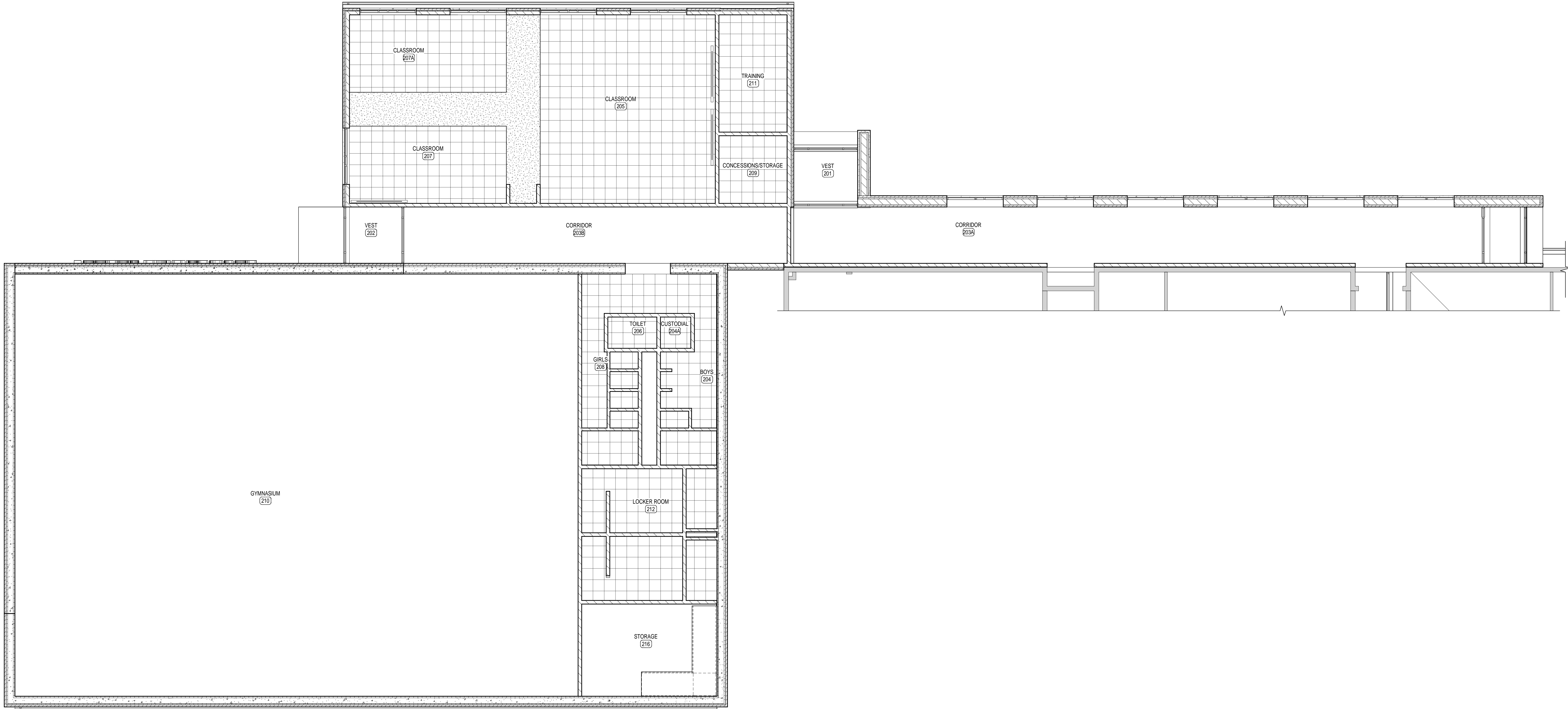


4 TYP. DETAIL - SOFFIT SUPPORT
1 1/2" = 1'-0"

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SHEET

A7.2



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

REFLECTED CEILING PLAN KEY NOTES		REFLECTED CEILING LEGEND	
<p>1. GYP. BD. BULKHEAD - SEE 2/A7.1.</p> <p>2. METAL SOFFIT AT EXTERIOR. REFER TO DETAILS.</p> <p>3. OPEN TO STRUCTURE, PAINT. PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.</p> <p>4. INTERIOR GYP. BD. SOFFIT, PAINT. REFER TO DETAILS, THIS SHEET.</p> <p>5. DISPLAY CASE WITH SOFFIT, SEE DETAILS 2 & 3 A1.1.</p> <p>6. ICF BULKHEAD, REFER TO DETAIL 6/A7.1.</p> <p>7. GUTTER - REFER TO ROOF PLAN, SHEET A4.1.</p> <p>8. FORWARD FOLDING ELECTRIC OPERATED BASKETBALL GOALS. REFER TO SPECS. ALL SUPPLEMENTAL SUPPORT STRUCTURE SHALL BE PROVIDED BY GOAL MFR. PAINT FRAMING TO MATCH ROOF STRUCTURE. PAINT ALL EXPOSED BLOCKING USED FOR ATTACHMENT ADJACENT WALL COLOR.</p> <p>9. WIRELESS SCOREBOARDS WITH WIRELESS CONTROLS.</p> <p>10. OPEN TO STRUCTURE, NO FINISH.</p> <p>11. LINEAR METAL CEILING, WITH INSECT SCREEN INSERTS.</p> <p>12. METAL DRYWALL CONTROL JOINT, PAINT. EXTEND JOINT UP VERTICAL SIDES OF SOFFIT.</p> <p>13. PERIMETER 4T ACOUSTICAL WALL PANELS - ALL WALLS - GYMNASIUM. REFER TO SECTIONS. OMIT AT SCOREBOARD LOCATIONS.</p> <p>14. "WOODWORKS GRILLE - CEILING TO WALL WOOD CEILING SYSTEM" AS MANUFACTURED BY ARMSTRONG WORLD INDUSTRIES (OR EQUIVALENT). REFER TO WOOD PANEL CEILING SPEC. REFER TO BUILDING SECTIONS FOR HEIGHTS AND TO DETAIL 4/A1.1 & 4/A3.1. TOTAL WIDTH & LENGTH AS FOLLOWS: LOBBY 307: 1 @ 6'W x 10'-0"L LOBBY 308: 2 @ 8'W x 15'-0"L LOBBY 310: 1 @ 6'W x 10'-0"L</p>		<p>2'x2' SUSPENDED ACOUSTICAL CEILING (ACT-1)</p> <p>GYP. BD. OR CEMENT BD. SOFFIT, PAINT.</p> <p>LINEAR METAL CEILING.</p>	
GENERAL REFLECTED CEILING PLAN NOTES		<p>R1 = KEYNOTES (WHERE APPLICABLE)</p> <p>= SOFFIT, CEILING HEIGHT OR BOTTOM OF STEEL LINTEL (WHERE APPLICABLE)</p> <p>R2 CEILING RELATED MECHANICAL AND ELECTRICAL ITEMS ARE NOT SHOWN ON REFLECTED CEILING PLANS. SEE MECHANICAL AND/OR ELECTRICAL DRAWINGS FOR TYPE, SIZE, AND OTHER REQUIREMENTS PERTAINING SPECIFICALLY TO THESE ITEMS - EPOXY PAINT ALL EXPOSED, NON PRE-FINISHED MEP ITEMS.</p> <p>R3 REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL FIXTURES NOT SHOWN.</p> <p>R4 REFER TO WALL TYPES FOR DESCRIPTION OF WALLS EXTENDING (OR NOT) TO UNDERSIDE OF DECKING AND/OR STRUCTURE ABOVE.</p> <p>R5 INSTALL SPRINKLER HEADS IN CENTER OF 2'x2 CEILING PANELS.</p> <p>R6 INSTALL ALL SPRINKLER HEADS ON SWING ARM NIPPLES. REFER TO MECHANICAL DRAWINGS FOR SPECIFIC REQUIREMENTS.</p> <p>R7 SOFFIT DIMENSIONS SHOWN ARE FROM FACE OF WALL OR FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD.</p> <p>R8 CEILING TO BE 2'x2' SUSPENDED ACOUSTICAL PANEL SYSTEM U.N.O.</p> <p>R9 GYPSUM CEILING BOARD SHALL BE USED AT ALL HORIZONTAL SURFACES.</p> <p>R10 REFER TO DOOR, FRAME DETAILS AND STRUCTURAL DRAWINGS FOR SPECIFIC LINTEL LOCATIONS. PAINT EXPOSED STEEL LINTELS (GALV. AT EXTERIOR LOCATIONS)</p> <p>R11 UNLESS SPECIFICALLY LOCATED, GYPSUM BOARD CONTROL JOINTS AS REQUIRED BY INDUSTRY STANDARDS OR SPECS. WHICHEVER IS MORE RESTRICTIVE. CONFIRM LOCATIONS WITH ARCHITECT.</p>	

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No.	Description	Date

SHEET

A8.1

HCC EXTERIOR DOOR SCHEDULE												
NO.	LEAVES	LEAF W.	HEIGHT	DOOR			FRAME			REFER TO A8.1 FOR DETAILS		
				MATERIAL	TYPE	GLAZING	MATERIAL	TYPE	GLAZING	HEAD	JAMB	RATING
E100A	2	3'-0"	7'-0"	ALUM	FG2	1"	ALUM	6	1"		6/A8.2	105
E100B	2	3'-0"	7'-0"	ALUM	FG2	1"	ALUM	9	1"		6/A8.2	105
E103A	2	3'-0"	7'-0"	ALUM	FG2	1"	ALUM	9	1"		6/A8.2	90
E103B	2	3'-0"	7'-0"	ALUM	FG2	1"	ALUM	9	1"		6/A8.2	90
E109A	2	3'-0"	7'-0"	HM	F	-	HM	1	-	1/A8.2	2/A8.2 SIM	105
E109B	2	3'-0"	7'-0"	HM	F	-	HM	3	-	1/A8.2	2/A8.2	105

HCC INTERIOR DOOR SCHEDULE												
NO.	LEAVES	LEAF W.	HEIGHT	DOOR			FRAME			REFER TO A8.1 FOR DETAILS		
				MATERIAL	TYPE	GLAZING	MATERIAL	TYPE	GLAZING	HEAD	JAMB	RATING
101A	2	3'-0"	7'-0"	ALUM	FG2	1"	ALUM	5	1"		3/A8.2	105
101B	2	3'-0"	7'-0"	ALUM	FG2	1"	ALUM	5	1"		3/A8.2	105
103A	2	3'-0"	7'-0"	HM	N	1/4"	HM	3	-	5/A8.2	6/A8.2	105
103B	2	3'-0"	7'-0"	HM	N	1/4"	HM	3	-	5/A8.2	6/A8.2	105
105	8	0'-0"	8'-0"	HM	RS	-	HM	3	-			90
105A	1	3'-0"	7'-0"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	-
106	1	3'-0"	6'-8"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	-
106A	1	2'-4"	7'-0"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	-
107	1	3'-0"	7'-0"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	-
108A	2	3'-0"	6'-8"	HM	F	-	HM	3	-	4/A8.2	4/A8.2	90
108B	2	3'-0"	6'-8"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	-
109A	2	3'-0"	6'-8"	HM	F	-	HM	3	-	4/A8.2	4/A8.2	90
109B	2	3'-0"	6'-8"	HM	F	-	HM	3	-	4/A8.2	4/A8.2	90
110	1	3'-0"	7'-0"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	-
110A	1	3'-0"	7'-0"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	-
112	1	3'-0"	7'-0"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	-
112A	1	3'-0"	7'-0"	HM	F	-	HM	33	-	5/A8.2	6/A8.2	-

MNH EXTERIOR DOOR SCHEDULE												
NO.	LEAVES	LEAF W.	HEIGHT	DOOR			FRAME			REFER TO A8.1 FOR DETAILS		
				MATERIAL	TYPE	GLAZING	MATERIAL	TYPE	GLAZING	HEAD	JAMB	RATING
E200	2	3'-0"	7'-0"	ALUM	FG2	1"	ALUM	7	1"	3/A8.2	3/A8.2	105
E202	2	3'-0"	7'-0"	ALUM	FG2	1"	ALUM	7	1"	3/A8.2	3/A8.2	105
E210A	2	3'-0"	7'-0"	HM	F	-	HM	3	-	1/A8.2	2/A8.2	105
E210B	2	3'-0"	7'-0"	HM	F	-	HM	3	-	1/A8.2	2/A8.2	105

MNH INTERIOR DOOR SCHEDULE												
NO.	LEAVES	LEAF W.	HEIGHT	DOOR			FRAME			REFER TO A8.1 FOR DETAILS		
				MATERIAL	TYPE	GLAZING	MATERIAL	TYPE	GLAZING	HEAD	JAMB	RATING
200	2	3'-0"	7'-0"	ALUM	FG2	1"	ALUM	7	1"	3/A8.2	3/A8.2	105
201	2	3'-0"	7'-0"	ALUM	FG2	1"	ALUM	8	1"	3/A8.2	3/A8.2	105
202	2	3'-0"	7'-0"	ALUM	FG2	1"	ALUM	7	1"	3/A8.2	3/A8.2	105
203C	2	3'-0"	7'-0"	HM	N	1/4"	HM	4	-	5/A8.2	6/A8.2	90
204	8	0'-0"	8'-0"	HM	RS	-	HM	-	-			90
204A	1	3'-0"	7'-0"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	-
205	1	3'-0"	7'-0"	HM	N	1/4"	HM	3	-	5/A8.2	6/A8.2	-
205A	0	10'-0"	7'-2"	ALUM	OHD	1/4"	-	-	-			-
205B	0	10'-0"	7'-2"	ALUM	OHD	1/4"	-	-	-			-
206	1	3'-0"	7'-0"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	90
206A	1	2'-4"	7'-0"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	-
207	1	3'-0"	7'-0"	HM	N	1/4"	HM	3	-	5/A8.2	6/A8.2	-
207A	0	10'-0"	7'-2"	ALUM	OHD	1/4"	-	-	-			-
209	1	3'-0"	7'-0"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	-
210A	2	3'-0"	7'-0"	HM	F	-	HM	3	-	1/A8.2	2/A8.2	90
210B	1	3'-0"	7'-0"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	-
211	1	3'-0"	7'-0"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	-
212	1	3'-0"	7'-0"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	90
212A	1	3'-0"	7'-0"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	-
214	1	3'-0"	7'-0"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	90
214A	1	3'-0"	7'-0"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	-
216	2	3'-0"	6'-8"	HM	F	-	HM	3	-	5/A8.2	6/A8.2	-

REMARKS

1. GALVANIZED DOOR & FRAME.
2. ASTRAGAL AND DOOR COORDINATOR, REFER TO SPECS.
3. SOUND SEALS AT HEAD & JAMB WITH SOUND SWEEP.
4. STEEL REINFORCEMENT PLATES WITHIN ALUMINUM FRAMES FOR ANCHORAGE OF ALL HARDWARE.
5. PANIC DEVICE.
6. WIDE THROW HINGES AT 180° SWINGING DOORS.
7. INSTALL PER MANUFACTURED STANDARD DETAILS & GUIDELINES.
8. REMOVABLE MULLION.
9. MANUAL HOLD OPEN CAPABILITY.
10. 14 GA. STAINLESS STEEL PLATE FULL WIDTH OF DOOR 24" TALL, BOTH SIDES.
11. ADA ELECTRONIC DOOR OPERATOR.
12. ACCESS CONTROL.
13. ICC 500-2014 FEMA 361 RATED ASSEMBLY. REFER TO STORM SHELTER SHEET C02.
13. TIED TO TORNADO SHELTER ACTIVATION BUTTON.
14. MAGNETIC HOLD OPEN TIED TO TORNADO SHELTER ACTIVATION BUTTON.

DOOR & FRAME NOTES:

- GENERAL NOTES:
1. ALL EXTERIOR DOORS AND FRAMES TO BE INSULATED.
 2. ALL EXTERIOR DOORS TO INCLUDE WEATHER STRIPPING & ADA COMPLIANT THRESHOLDS.
 3. INSTALL 2x BLOCKING BETWEEN STUDS FOR WALL MOUNTED DOOR STOPS IN STUD PARTITIONS.
 4. CONTRACTOR TO FIELD VERIFY DIMENSIONS OF OPENINGS IN FIELD AND THE FIT OF ALL DOORS AND HARDWARE PRIOR TO ANY FABRICATION.
 5. PROVIDE WALL MOUNTED DOOR STOP (WITH SOLID WOOD BLOCKING AS REQUIRED) AT ALL INTERIOR DOORS THAT WOULD OTHERWISE STRIKE A WALL COLUMN OR CASEWORK.
 6. PROVIDE RIGID INSULATION INSERTS AT FRAMES AROUND ALL WINDOWS (LOW EXPANSION FOAM AND SHIMS) AND EXTERIOR DOORS FOR AIRTIGHT OPENINGS.

- HOLLOW METAL FRAME NOTES:
1. PROVIDE REINFORCING 12 GA. CHANNEL IN FRAME HEAD AT ALL H.M. FRAMES WHERE TOTAL FRAME WIDTH IS GREATER THAN 4'-0".
 2. PROVIDE 1" GA x 2" WIDE STRIPS AT 8" O.C. IN H.M. FRAME HEADS GREATER THAN 2" IN HEIGHT. TYPICAL.
 3. UNTEL BEAM LENGTH AT BRICK SHALL BE PLUS 16" LONG (MIN 8" BEARING AT EACH END UNLESS NOTED OTHERWISE). UNTEL PLATE LENGTH SHALL BE LESS 1/4" LONG (1/8" AT EACH END MAX). REFER TO STRUCTURAL DRAWINGS FOR UNTEL INFORMATION.
 4. WHERE GLAZING IS SHOWN, THE FRAME FABRICATOR SHALL PRE-DRILL STOPS & FRAME TO RECEIVE MOUNTING SCREWS. VERIFY LOCATIONS & DEPTH OF GLAZING MATERIAL EQUAL SPACE SCREWS.
 5. UNLESS NOTED OTHERWISE, THE HINGE SIDE OF H.M. FRAME AT GYP. & MTL. STUD WALLS SHALL BE INSTALLED 4" FROM ADJ. WALLS.
 6. HOLLOW METAL DOOR FRAMES AT ALL EXTERIOR & INTERIOR MECHANICAL ROOMS TO BE KERFED. PROVIDE A RECESSED SLOT RABBIT EDGE TO RECEIVE WEATHER STRIPPING TO AID IN WEATHER TIGHTNESS & SOUND ATTENUATION.
 7. ALL EXTERIOR HOLLOW METAL FRAMES SHALL BE GALVANIZED, 14 GA.
 8. PROVIDE RUBBER SILENCERS AT ALL DOOR OPENINGS IN H.M. FRAMES.

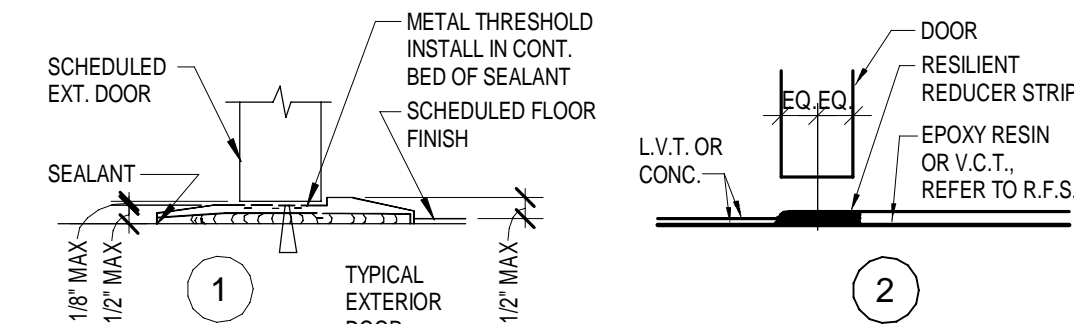
- DOOR NOTES:
1. UNDERCUT AT NON-RATED S.C. WOOD DOORS 1/2" FROM BOTTOM OF DOOR TO SCHEDULED FLOOR FINISH.
 2. UNDERCUT AT EXTERIOR DOORS 1/8" MAX. FROM BOTTOM OF DOOR TO TOP OF THRESHOLD. WEATHER STRIP MUST CLOSE TIGHTLY AGAINST THRESHOLD.
 3. ALL EXTERIOR HOLLOW METAL DOORS BE GALVANIZED & HAVE PUSH CLOSURE CAPSHEET GALV. WELD CONT. TOP & BOTTOM.
 4. PROVIDE THRESHOLDS AS REQUIRED AT DOORS. SEE SHEET A8.1 FOR TYPICAL FLOOR FINISHES.

- GLASS & GLAZING NOTES:
1. PROVIDE FULLY TEMPERED GLASS () WHERE INDICATED ON DOOR & FRAME TYPES, OR AS REQ'D BY CODE.

- HARDWARE NOTES:
1. PROVIDE & INSTALL ALL HARDWARE IN ACCORDANCE WITH ANSI A117.1 - 2009.

THRESHOLD DETAIL CONDITIONS

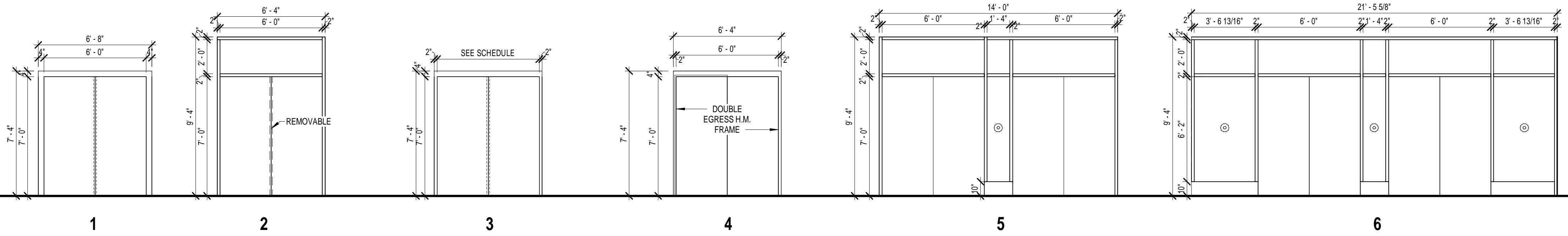
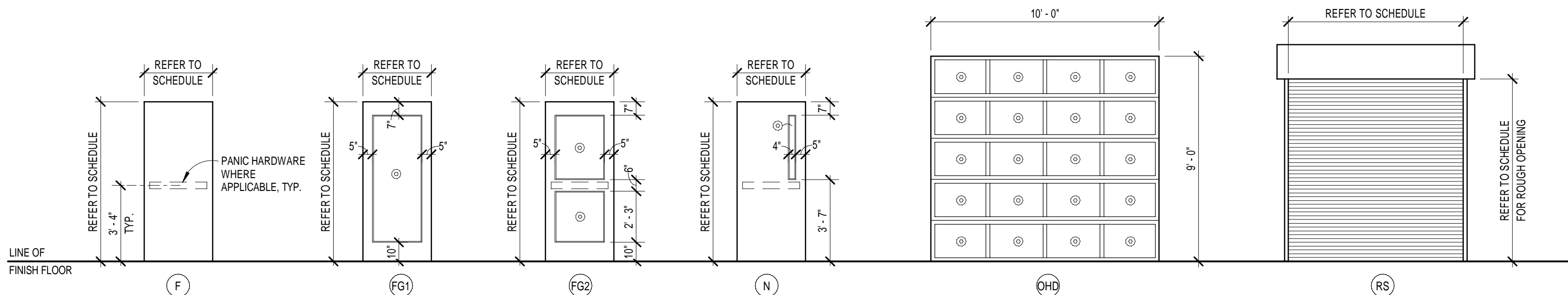
- GENERAL NOTES:
1. REFER TO ROOM FINISH SCHEDULE ON SHEET A8.1 AND FLOOR PLANS FOR FINISHES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE PROPER THRESHOLD BETWEEN FLOOR FINISH TRANSITIONS.
 2. PROVIDE RESILIENT TRANSITION STRIPS OR REDUCERS BETWEEN ALL DIFFERING FLOOR FINISH MATERIALS IE EPOXY RESIN TO TILE.
 3. PROVIDE STRIP OR REDUCER PROFILE AS RECOMMENDED BY MANUFACTURER FOR APPLICATION.



DOOR DIMENSIONS: DIMENSIONS NOTED ARE MINIMUM SIZES TO FACILITATE AND/OR CONCEAL PROJECT SPECIFIC HARDWARE. MFR. STANDARD DIMENSIONS WHICH NOMINALLY EXCEED THE MINIMUMS ARE ACCEPTABLE SUBJECT TO ARCHITECT REVIEW.

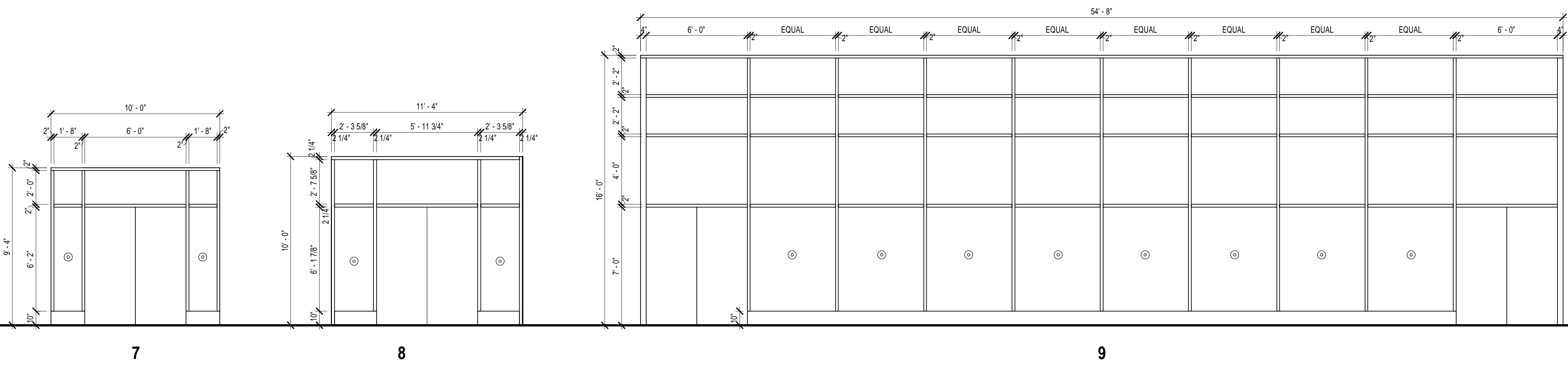
GLAZING NOTE: DIMENSIONS TO GLAZING EDGE NOTED ARE TO OUTERMOST EDGE AND DO NOT INCLUDE GLAZING TRIM PROVIDE "FRBS" FIRE RATED SAFETY GLAZING AT RATED DOOR ASSEMBLIES

⊙ DENOTES TEMPERED GLASS



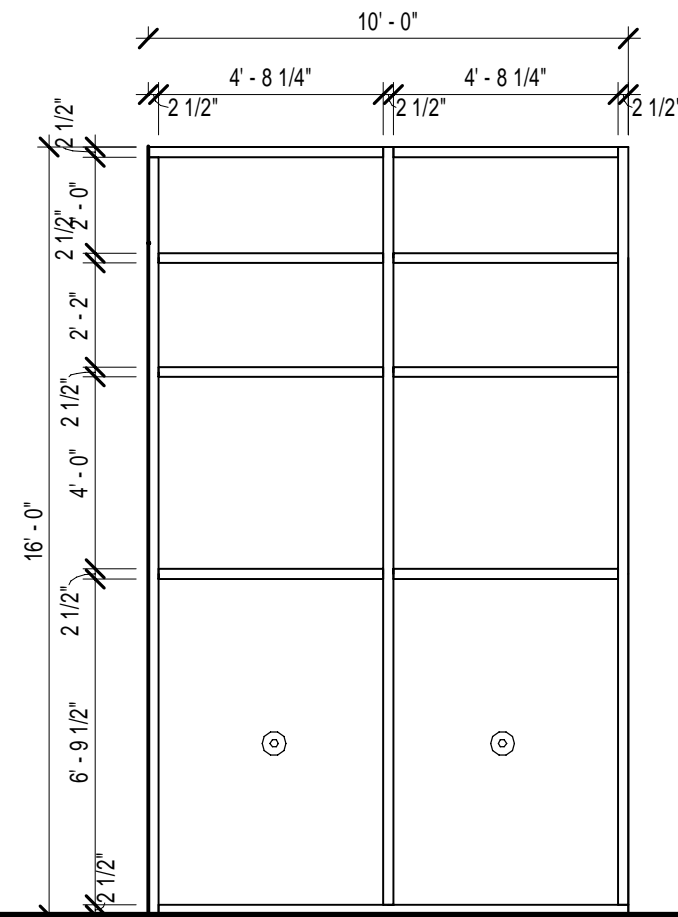
DOOR FRAME TYPES

1/4" = 1'-0"



DOOR FRAME TYPES

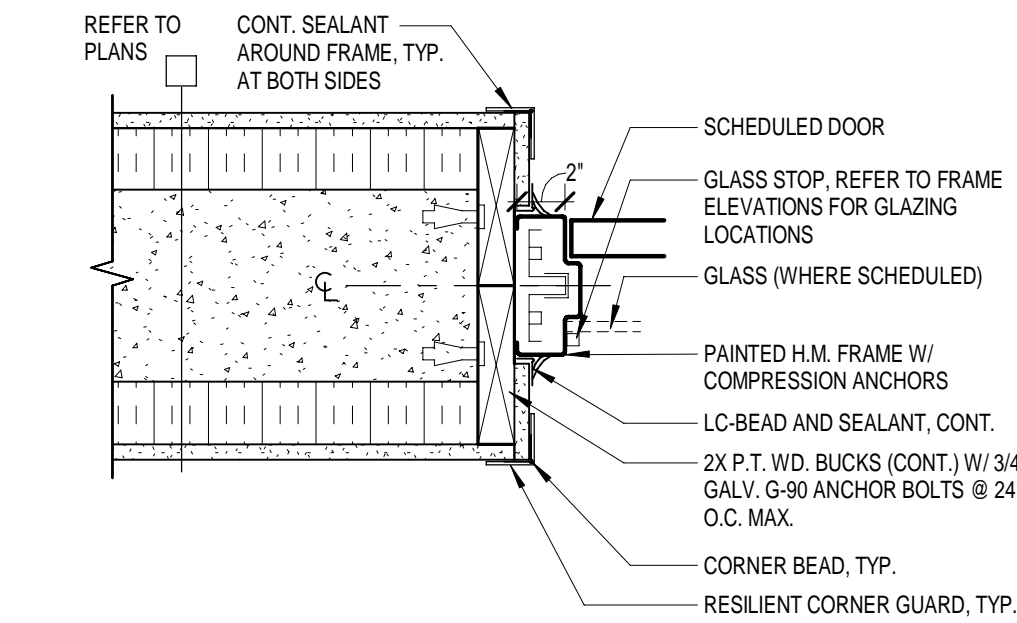
1/4" = 1'-0"



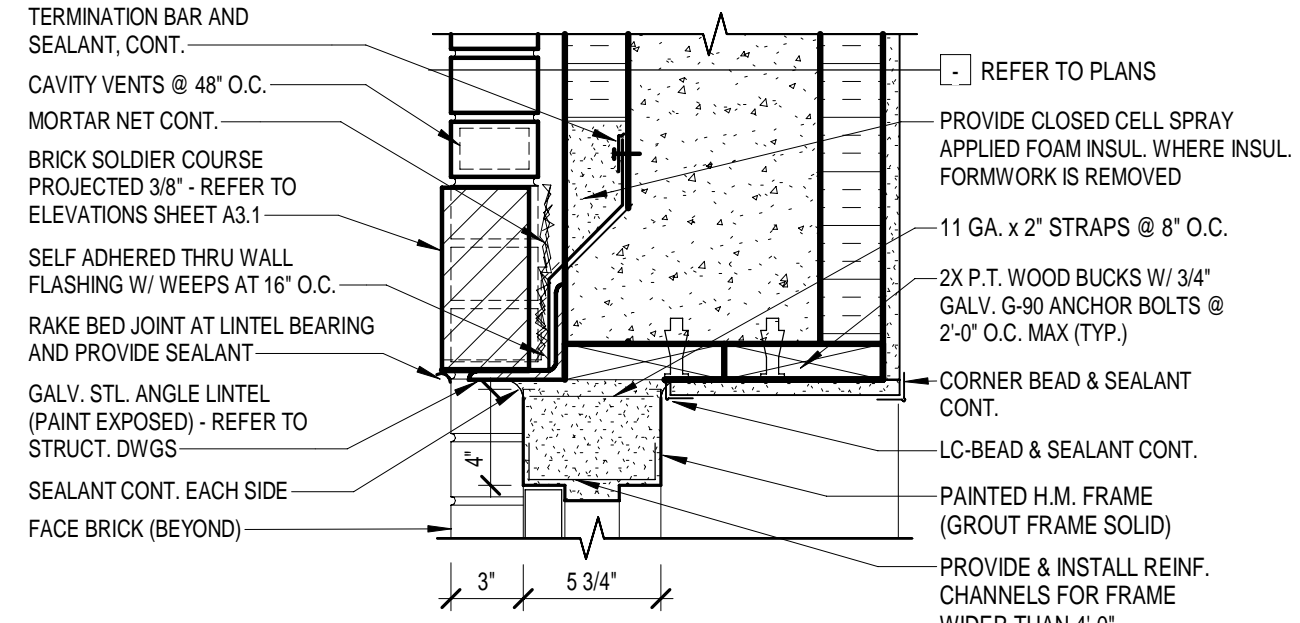
FRAME TYPES

1/4" = 1'-0"

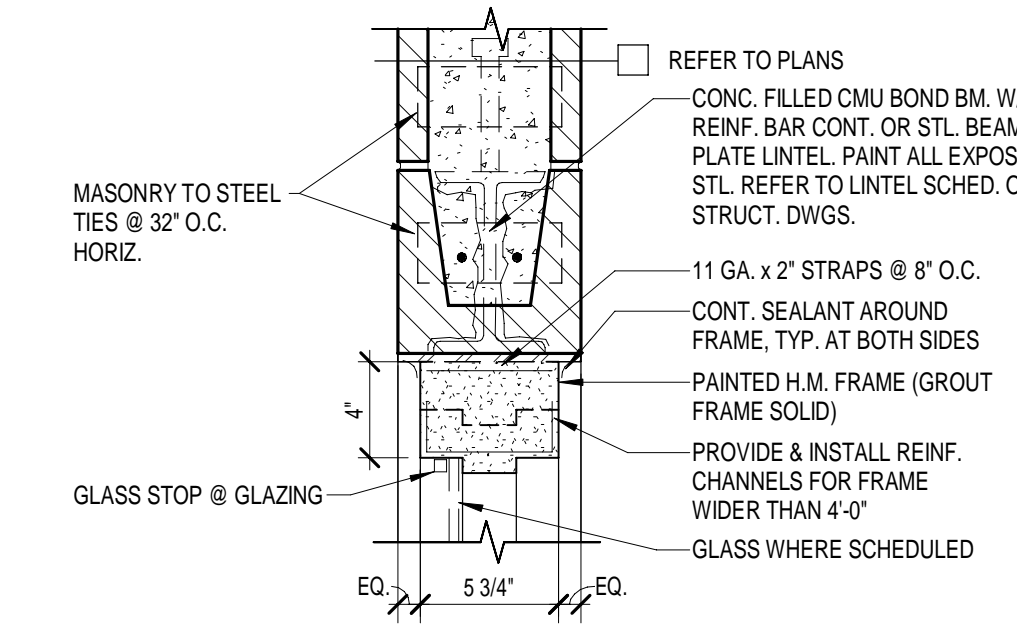
2221
HOPKINS COUNTY AUXILIARY GYMNASIUMS
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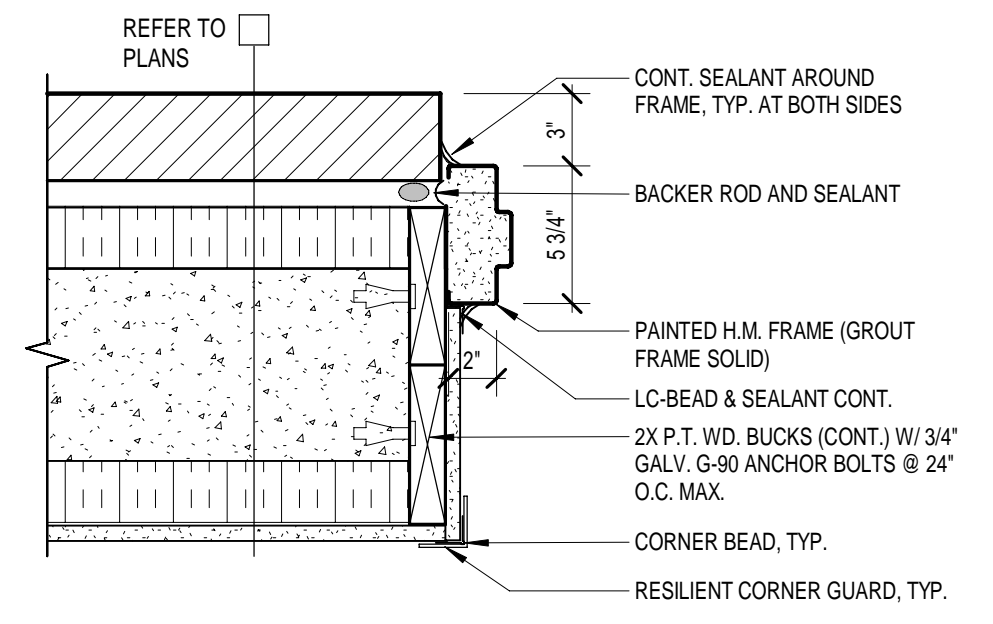
4 TYP. H.M. JAMB DETAIL (HEAD SIM.)
1 1/2" = 1'-0"



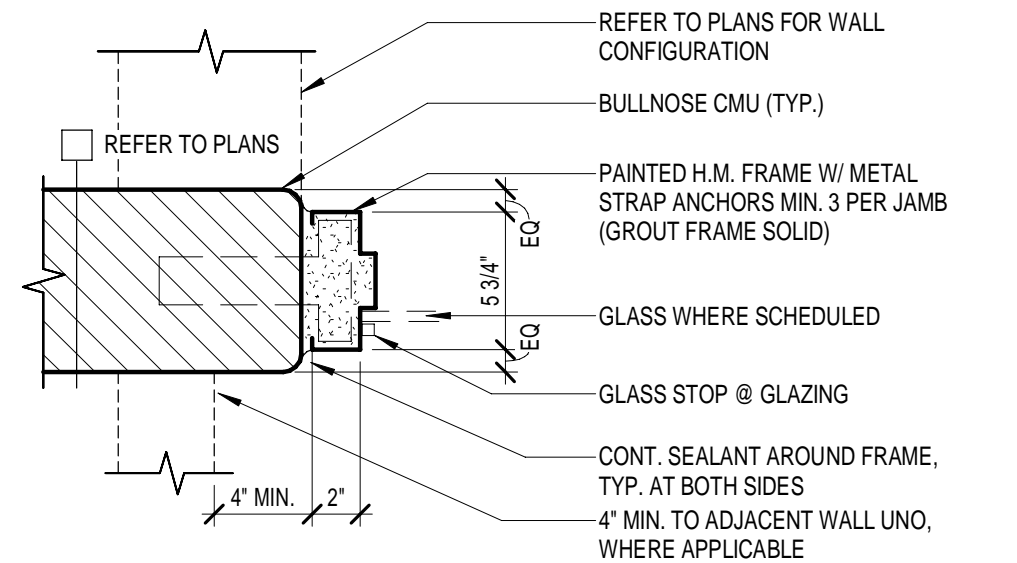
1 TYP. H.M. DOOR HEAD AT ICF / BRICK
1 1/2" = 1'-0"



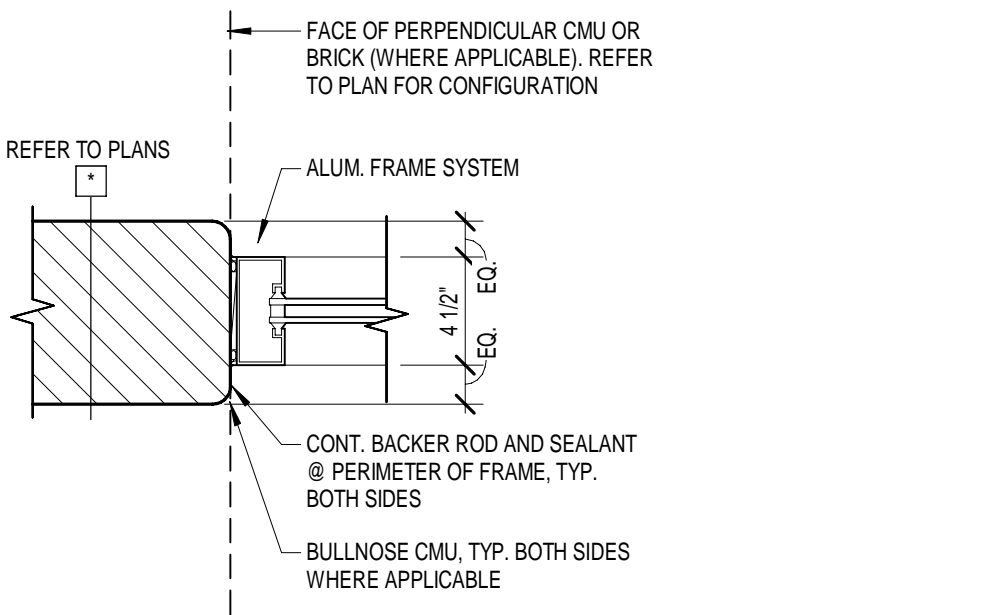
5 TYP. H.M. HEAD @ CMU
1 1/2" = 1'-0"



2 TYP. H.M. DOOR JAMB W/ BRICK
1 1/2" = 1'-0"



6 TYP. H.M. JAMB @ CMU
1 1/2" = 1'-0"



3 TYP. H.M. JAMB @ CMU
1 1/2" = 1'-0"

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