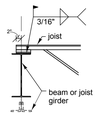
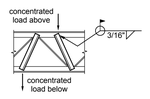
for use at steel joists bearing on
from one side on steel beam or joist girder



single joist bearing on steel beam
or joist girder
no scale — typical detail JS-03

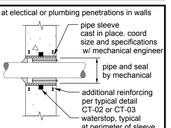
for use at concentrated loads on steel joists



provide (2) L2 1/2 x 2 1/2 x 1/4 from chord at concentrated load to adjacent chord panel point

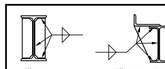
joists reinforcing @ concentrated loads
no scale — typical detail JS-05

for use at electical or plumbing penetrations in walls



verify penetration size and location of penetrations with architect and mechanical/plumbing

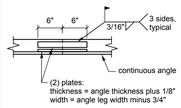
sensitive mep penetrations in concrete walls
no scale — typical detail CT-04



minimum fillet weld thickness = 1/2 thickness of plate (5/16" weld thickness maximum), unless noted otherwise in specific details.

Plates welded to W-shapes
no scale — typical detail ST-10

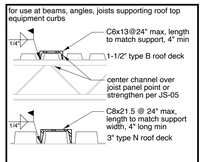
for use at continuous angles



butt angles together

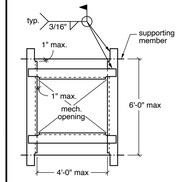
connection of continuous angles
no scale — typical detail ST-08

for use at beams, angles, joists supporting roof top equipment curbs



rooftop equipment curb support channels
no scale — typical detail ST-11

typical opening support for:
small mechanical openings
roof drains
roof hatches
mechanical equipment up to 300 lbs



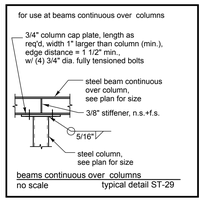
angles are L4x4x1/4

at open web floor joists:
reinforce joists - add (2) L2 1/2 x 2 1/2 x 1/4 from top chord frame bearing points to adjacent bottom chord panel point per JS-05, typ.

coordinate location and dimensions with architect and mechanical contractor

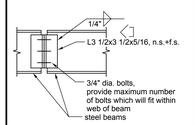
typical small roof deck opening support
no scale — typical detail ST-05

for use at beams continuous over columns



beams continuous over columns
no scale — typical detail ST-29

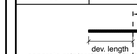
for use at double angle shear splice



double angle shear splice
no scale — typical detail ST-16

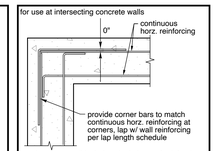
for use with f'c = 4000 psi (normal weight) concrete and fy = 60 ksi (non-epoxy coated) reinforcing bars

bar size	minimum development length
#3	12"
#4	16"
#5	18"
#6	24"
#7	38"
#8	48"
#9	58"



concrete reinforcing development length
schedule (f'c=4000psi)
no scale — typical detail CT-23

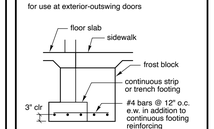
for use at intersecting concrete walls



note: where wall includes single layer of reinforcing, detail similar to outer later above (full laps)

corner reinforcing in concrete walls
no scale — typical detail CT-12

for use at exterior-outswing doors

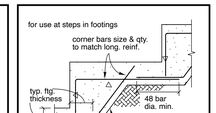


see architectural plan for dimensions

match bottom of ftg, min 42" below exterior grade

frost block
no scale — typical detail FN-04

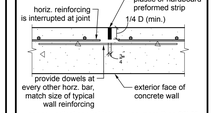
for use at steps in footings



provide 3" cover where cast against earth, 2" cover where formed

step footings
no scale — typical detail FN-05

for use at concrete wall control joints



space vertical control joints at no more than 20'-0", if concrete wall is exposed, coordinate locations of joints with architect.

concrete wall control joints
no scale — typical detail CT-10

SPECIAL INSPECTIONS

Statement of Special Inspections

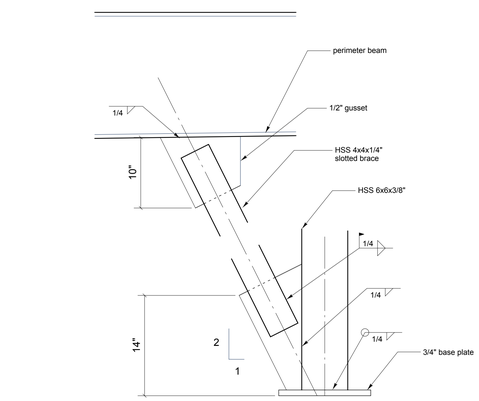
The contractor shall coordinate owner-paid, independent inspections by an approved agency meeting all applicable building code requirements. Contractor shall provide access to exposed portions of the work for inspection purposes until completion of all required inspections or tests. See scheduled inspections below for required inspection task and relevant code references for structural items; see architectural drawings for additional required special inspections related to nonstructural items such as sprayed fire-resistant materials, smoke control systems, exterior insulation and finishes, etc.

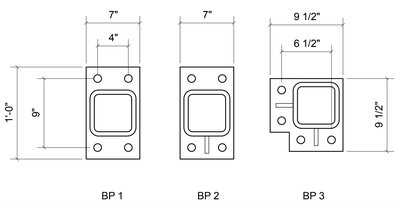
All inspections shall be documented with written reports and a final report which incorporates the content of interim reports, to be submitted to the owner and copied to the architect, structural engineer, and building official/authority having jurisdiction. Reinspection of deficient work will be required as necessary to confirm that corrections have been satisfactorily completed, and the final inspection report must indicate that reported discrepancies have been satisfactorily resolved.

Continuous Inspection (C) is to be understood as an inspector present during all hours of activity for the given operation, unless stated otherwise. Periodic Inspection (P) is to be understood as an inspector present sufficient to ensure regular and repeated evaluation, not less than daily, for the given operation, unless stated otherwise.

Schedule of Special Inspections

Category	Inspection Task Description	C / P	Building Code Section & Associated Referenced Standards
General	Special Inspector to keep records of special inspections & furnish inspection reports to building official & registered design professional in responsible charge. Inspector to notify contractor immediately of discrepancies for correction, and if not corrected discrepancies shall be brought to the attention of the building official & design professional in responsible charge prior to completion of that phase of work.	C	MBC 1704.2.4
	A registered design professional in responsible charge shall prepare a statement of special inspections indicating materials, systems, type, extent, and frequency of each inspection or test.	P	MBC 1704.3.1-3
	Each contractor responsible for the construction of a MWFRS or SFRS, designated seismic system, or a wind- or seismic-resisting component listed in the statement of special inspections shall submit a written statement of responsibility.	P	MBC 1704.4
Soils	Inspect and test existing site soil conditions, fill placement, & load-bearing requirements.	P	Soils report prepared by registered geotechn. engineer per MBC 1803 & contract documents
	Verify materials below shallow foundations are adequate to achieve design bearing capacity.	P	MBC Table 1705.6 & applicable soils report
	Verify excavations are extended to proper depth & reached down to proper material.	P	MBC Table 1705.6 & applicable soils report
	Perform classification & testing of compacted fill materials.	P	MBC Table 1705.6 & applicable soils report
	Verify use of proper materials, densities, & lift thicknesses during placement & compaction of compacted fills.	C	MBC Table 1705.6 & applicable soils report
	Prior to placement of compacted fill, observe subgrade, & verify that site has been prepared properly.	P	MBC Table 1705.6 & applicable soils report
Concrete Construction	Verifying use of required design mix.	P	MBC Table 1705.3, MBC 1904.1-2 & 1908.2-3, ACI 318: Ch 19, 26.4.3–4
	Prior to concrete placement, fabricate strength test specimens, perform slump & air content tests, & determine temperature of the concrete	C	MBC Table 1705.3 & 1908.10, ASTM C31 & C172, & ACI 318: 26.4 & 26.12
	Inspect formwork for shape, location, and dimensions of the concrete member being formed.	P	MBC Table 1705.3 & ACI 318: 26.11.1.2(b)
	Inspect reinforcing steel including size, placement, splices.	P	MBC Table 1705.3, IBC 1908.4, & ACI 318: Ch 20, 25.2-3, 26.6.1-3
	Verify maintenance of specified curing temperature and techniques during placement.	P	MBC Table 1705.3, IBC 1908.9, ACI 318: 26.5.3-5
	Inspection of concrete placement for proper application techniques.	C	MBC Table 1705.3, IBC 1908.6-8, ACI 318: 26.5
	Inspect cast-in-place anchors & anchor rods	P	MBC 1705.3 & ACI 318: 17.8.2
	Adhesive anchors post-installed horizontally or upward inclined in hardened concrete.	C	MBC Table 1705.3 & ACI: 17.8.2.4; product specific ICC or IAPMO ESR reports
	Mechanical post-installed anchors & all other adhesive post-installed anchors.	P	MBC Table 1705.3 & ACI: 17.8.2.4; product specific ICC or IAPMO ESR reports
Masonry Construction - Level B QA (Risk Category I, II, & III Structures Designed Using Strength or Allowable Stress Methods & Empirically Designed Masonry in Risk Category IV)	Verify compliance with required inspection provisions of the construction documents and the approved submittals.	P	MBC 1705.4 & TMS 602-13/ASCE 6-13/ACI 530.1 Table 4
	Observe preparation of any required grout specimens, mortar specimens, and prisms.	P	MBC 1705.4 & TMS 602-13/ASCE 6-13/ACI 530.1 Table 4
	Verify masonry compressive strength, f'm, prior to construction except where specifically exempted.	P	MBC 1705.4, TMS 402 Article 1.4b & TMS 602-13/ASCE 6-13/ACI 530.1 Table 4
	Verify slump flow & vsi as delivered to the site for self-consolidating grout.	C	MBC 1705.4, TMS 402 Article 1.5B1.b.3 & TMS 602-13/ASCE 6-13/ACI 530.1 Table 4
	Verify proportions of site-prepared mortar as masonry construction begins and prior to grouting.	P	MBC 1705.4 & TMS 602-13/ASCE 6-13/ACI 530.1 Table 4
	Verify construction of mortar joints as masonry construction begins and prior to grouting.	P	MBC 1705.4 & TMS 602-13/ASCE 6-13/ACI 530.1 Table 4
	Verify cleaning of grout spaces prior to grouting.	P	MBC 1705.4 & TMS 602-13/ASCE 6-13/ACI 530.1 Table 4
	Verify placement of reinforcement and connectors as masonry construction begins and prior to grouting.	P	MBC 1705.4 & TMS 602-13/ASCE 6-13/ACI 530.1 Table 4
	Verify size and location of structural elements during construction.	P	MBC 1705.4 & TMS 602-13/ASCE 6-13/ACI 530.1 Table 4
	Verify specified size, grade, and type of reinforcing, and anchor bolts during construction.	P	MBC 1705.4 & TMS 602-13/ASCE 6-13/ACI 530.1 Table 4
	Verify preparation and protection of masonry in cold weather (ambient temperatures ≤ 40°F) and in hot weather (ambient temperature ≥ 90°F) during construction.	P	MBC 1705.4 & TMS 602-13/ASCE 6-13/ACI 530.1 Table 4
	Verify type, size, and location of anchors, including other details anchorage of masonry to structural steel members, frames, or other during construction.	P	MBC 1705.4 & TMS 602-13/ASCE 6-13/ACI 530.1 Table 4
Steel Construction	Inspect high-strength (Group A A325 & Group B A490) bolted connections: snug tight, pretensioned and slip-critical joints using turn-of-nut matchmarking, twist-off bolts, or direct tension indicator methods of construction	P	MBC 1705.2.1 & AISC 360 M2.5, N5.6(a), Table N5.6-1
	Document acceptance or rejection of bolted connections after installation per AISC Table N5.6	P	MBC 1705.2.1, AISC 360: M2.5 & Table N5.6-1,2,3, RCSC 3.3,
	Inspect structural steel welds: complete (CJP) and partial joint penetration (PJP) groove welds	C	MBC 1705.2.1, AISC 360: M2.4 & Table N5.4-1,2,3, & AWS D.1
	Inspect structural steel welds: multipass fillet welds	C	MBC 1705.2.1, AISC 360: M2.4 & Table N5.4-1,2,3, & AWS D.1
	Inspect structural steel welds: single pass fillet welds ≥ 5/16"	P	MBC 1705.2.1, AISC 360: M2.4 & Table N5.4-1,2,3, & AWS D.1
	Inspect cold-formed deck attachments: floor and roof deck (welds or pins)	P	MBC 1705.2.2, AWS D1.3, SDI QA/QC, approved shop drawings & contract documents
	Inspect steel frame joints: member locations, braces and stiffeners, and application of appropriate joint details at each location	P	MBC 1705.2.1, AWS D1.3, approved shop drawings & contract documents
Open Web Steel Joists & Joist Girders	End connections - welded or bolted	P	MBC Table 1705.2.3 & SJI Sect 2207.1
	Standard horizontal or diagonal bridging	P	MBC Table 1705.2.3 & SJI Sect 2207.1
	Horizontal or diagonal bridging that differs from the SJI Section 2207.1 specifications	P	MBC Table 1705.2.3 & SJI Sect 2207.1





BP 1 BP 2 BP 3

MATERIALS

MATERIALS

SOIL:

Soil supporting foundations	2500 psf minimum net allowable brg. capacity

CONCRETE:

Concrete foundations	3500 psi at 28 days
Interior normal weight slab	3500 psi at 28 days w/ vapor reducing admixture
Exterior slab	3500 psi at 28 days, 6%±1% air entr.
Reinforcing bar	ASTM A615 (grade 60)
Welded wire fabric	ASTM A1064 flat sheets
Synthetic fiber reinforcing	ASTM C1116

MASONRY:

CMU	ASTM C90 normal weight (net compressive strength f'm = 2000 psi, minimum unit strength = 2800 psi)
Brick (clay masonry)	ASTM C62 & C216 (net compressive strength = 1000 psi)l
Mortar below grade	ASTM C270, Type M (mortar cement)
Mortar typical	ASTM C270, Type S (mortar cement)
Mortar brick	ASTM C270, Type N
Grout in CMU cores	ASTM C476 (3000 psi at 28 days)

STEEL:

Structural steel: W-shapes Channels, Angles, Plates HSS Round HSS Rectangular, Square Structural steel pipe	ASTM A992 - Fy=50 ksi ASTM A36 - Fy=36 ksi ASTM A500 Type B - Fy = 42 ksi ASTM A500 Type B - Fy = 46 ksi ASTM A53 - Type E or S, grade B, Fy = 35 ksi
Structural steel bolts	ASTM A325-N
Washers	ASTM F436 hardened washer
Nuts	ASTM A563
Welding electrodes (E-70 series)	ASTM A233
Steel Joist	SJI Standards
Steel roof deck	ASTM A653-94 Structural Quality grade 33, G-60 galvanized
Steel composite floor deck	ASTM A653-94 Structural Quality grade 33 or ASTM A611 grade 33, G-60 galvanized
Grout below plates	Non-shrink, non-metallic (5000 psi)
Anchor bolts	ASTM F1554 threaded rods
Epoxy bolts: Epoxy Rods	Hilti HIT HY 200 Safe-Set Injection Adhesive Hilti HIT-Z
Headed steel studs	ASTM A108-Grade 1010-1020, welded per chapter 7 of ANSI/AWS D1.1

WOOD: All design values in psi, M indicates millions

Dimension Lumber	Hem-fir No. 2 or SPF No. 2, Kiln dried to 19% moisture content min. Fb = 875, Fc = 1150, E = 1.4M
Treated Lumber	AWPA U1-19, below grade UC4, above grade UC3 min. Fb = 1100, Fc = 1450, E = 1.4M
Bolts for wood construction	SAE Grade 2 or Grade 5

STRUCTURAL LOADS and CRITERIA

DESIGN LOADS

Risk Category	**II**
Wind	
Basic wind speed	V = 115 mph
Exposure category	B
Snow	
Ground snow	Pg = 25 psf
Importance factor	Is = 1.0
Exposure factor	Ce = 1.0
Thermal factor	Ct = 1.0
Flat roof uniform snow load	Pf = 22 psf
Seismic	
Seismic importance factor	Ie = 1.25
Site classification of soil	D
1.0 second spectral response	S1 = 4.6%
0.2 second spectral response	Ss = 12.3%
Seismic design category	B

All loads are subject to modification per requirements of ASCE-7

COMPONENTS & CLADDING ULTIMATE (LRFD) WIND PRESSURES

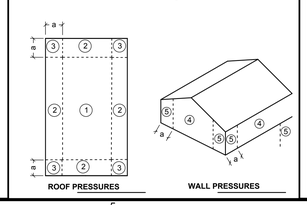
Zone	Effective Area Per ASCE 7-10 CH 26 (square feet)	Ultimate Pressure (lbs per square foot)	
1 (ROOF)	10	+ 16	- 23.8
	20	+ 16	- 23.2
	50	+ 16	- 22.4
	100	+ 16	- 21.8
2 (ROOF)	10	+ 16	- 39.9
	20	+ 16	- 35.7
	50	+ 16	- 30.1
	100	+ 16	- 25.8
3 (ROOF)	10	+ 16	- 60.1
	20	+ 16	- 49.8
	50	+ 16	- 36.1
	100	+ 16	- 25.8
4 (WALL)	10	+ 21.8	- 23.6
	20	+ 20.8	- 22.6
	50	+ 19.5	- 21.3
	100	+ 18.6	- 20.4
5 (WALL)	10	+ 21.8	- 29.0
	20	+ 20.8	- 27.1
	50	+ 19.5	- 24.6
	100	+ 18.6	- 22.6

Positive and negative signs in the table above denote pressures active toward and away from building surfaces, respectively.

Parties using the above table are responsible for calculating the appropriate effective areas for use with their scope

Pressures shown are Ultimate LRFD forces per ASCE 7-10

a = 10% of least building width or 40% of mean roof height, whichever is smaller, but not less than 4% of least building width or 5 ft



ROOF PRESSURES WALL PRESSURES

TRADE COORDINATION NOTES

TRADE COORDINATION NOTES

General

Trade Coordination: The construction team, including trades not specifically constructing structural elements, should be should be familiar with structural requirements including those provided in the following sections.

Means and methods: The structural documents depict a completed structure, and as such the structure does not have full structural integrity until it is completed. All judgments pertaining to procedures whereby the project is advanced through intermediate stages of partial completion shall be considered matters of means and methods, and shall be the responsibility of the contracting team.

Protection from weather: During construction it is the contracting team's responsibility to appropriately protect structural elements from the damage due to weather. Footings subject to cold weather should be protected from freezing by appropriate means that may include lowering the bottom of footings. For hot and cold weather concrete placement, follow recommendations of ACI 305 and 306.

Electronic files: Electronic structural drawing files, when requested by the contracting team, may be provided at the discretion of the engineer of record upon receipt of a signed release form. When electronic files are provided, they are provided for convenience only. Their accuracy cannot be ensured, and nothing in them shall be construed to supersede requirements of construction documents or requirements dictated by field conditions.

Contractor Error: When a construction error leads to a proposal to deviate from the construction documents, the contracting team will be responsible for engineering of the alteration by the contractor's licensed engineer. Incorrectly placed anchor bolts shall be repaired or replaced so as to maintain the original shear and tensile capacity of the intended anchor.

Unsuitable Soil: Where areas and depths of unsuitable existing soil is identified on the site the unsuitable soil must be removed and replaced with engineered fill in accordance with the Project Geotechnical Report. Coordinate these efforts with the Project Geotechnical Engineer and the on site Soils Testing Agency.

Coordinate the final location of all members directly supporting mechanical, electrical or similar equipment with the architectural drawings, MEP drawings, and final approved equipment shop drawings.

In the case of discrepencies between architectural and structural drawings, the contractor shall assume that the plan/detail requiring greater material volume controls for the purposes of bidding. Resolve any discrepencies between architectural and structural drawings prior to initiating material procurement or fabrication.

Delegated Design:

Procedures: The structural construction documents define a building to which elements engineered by others will be attached. The structural engineer of record provides a building design engineered with points of attachment able to transfer loads of attached elements to the primary structure. The contractor's licensed engineer provides engineering of attached elements and their means of attachment per requirements of the building code, ASCE-7, and the requirements of these drawings.

Attached elements: Elements attached to the building and not documented in the structural construction documents, including all building cladding, stairs, are railings are to be delegated designs elements, with structural engineering provided by the contractor's licensed engineer. Other attached items which may require engineering and are subject to delegated design include signs, ladders, hung partitions, countertops, etc.

Structural Systems: Cold formed metal framing, wood trusses, steel joists, and precast elements are delegated design structural elements to be engineered by the contractor's licensed engineer.

Shoring and Bracing

Construction shoring and bracing: It is the contracting team's responsibility to provide adequate shoring and bracing during construction to account for all forces, including but not limited to forces from gravity, earth, wind, and unbalanced forces due to construction sequence including the demolition of existing structural elements. Shoring design will be by the contractor's licensed engineer.

Underpinning: Where underpinning is required and not fully documented in the construction documents, the contracting team shall devise means and methods including sequencing and temporary shoring as needed, designed by the contractor's licensed engineer.

Hung Mechanical Loads

Additional Capacity: When trade coordination would benefit from additional structural capacity, greater than the limits provided above, and in limited areas, supplemental evaluation of the structure by the contractor's licensed engineer will be reviewed by the structural engineer of record. (new)

Loads hung from beams: Both permanent loads and construction loads, not specifically identified in the structural drawings, and attached to structural beams, shall be distributed to point loads of no more than 300 pounds each, and shall be distributed such that no more than 300 pounds hang in any five foot length of beam. Attachment shall be either to the flange of steel members or to the sides or webs of concrete members. Drilling of steel flanges will not be permitted. Damage to reinforcing of concrete beams will not be permitted.

Loads hung from open web steel joists: Both permanent loads and construction loads, not specifically identified in the structural drawings, and attached to open web joists, shall be distributed to point loads of no more than 100 pounds each, and shall be distributed such that no more than 200 pounds hang in any five foot length of beam. All point loads greater than 50 pounds shall be made to bottom chord joist panel points or to bottom chords stiffened by supplemental webs. Drilling of steel bottom chords will not be permitted. Observe the construction documents typical details for reinforcing of open web steel joists.

Loads hung from metal deck prohibited: Unless specified otherwise, metal deck alone is not suitable for supporting hung loads.

Supplemental framing for hung loads: Supplemental framing in the form of "Unistrut" or other framing members will be permitted as a means of distributing hung loads to structural elements when designed by a licensed engineer other than the engineer of record and when in conformance with the limitation listed above.

REFERENCES

REFERENCES

All work shall conform to the requirements of the most recent version of the following referenced standards:

Building Code	2015 Michigan Building Code
Geotech Report	MTC Project No. 231609, September 2023
Structural Loads	ASCE-7
Concrete	ACI 301 ACI 318: Building Code Requirements for Structural Concrete and Commentary ACI SP 66: ACI Detailing Manual Portland Cement Association "Design and Control of Concrete Mixtures"
Masonry	ACI 530/ASCE 5 ACI 530.1/ASCE 6 NCMA TEK 3-4B: "Bracing Concrete Masonry Walls During Construction"
Brick	BIA "Technical Notes on Brick Construction"
Steel	AISC 360-10: Specification for Structural Steel Buildings
Welding	American Welding Society AWS D1.1/D1.1M
Steel Joists	Steel Joists Institute "Standard Specifications"
Metal Deck	Steel Deck Institute Specifications
Wood	"National Design Specification for Wood Construction", ANSI/AF&PA NDS

SUBMITTALS

SUBMITTALS

Stamping of shop drawings by sdi does not approve any alteration or deviation from the construction documents. If alterations, substitutions, and deviations from the construction documents are indicated by the contractor in shop drawings, they are not approved by sdi's stamp or submittal comments. Alterations, substitutions, and deviations should not be included in the shop drawings - they must be submitted as a separate document to SDI for review.

The following items related to the building structural system are to be submitted to the architect in accordance with the requirements of the project specifications:

Concrete mix designs
Concrete test results
Reinforcing bar shop drawings
Slab joint layout
Structural steel shop drawings
Structural steel connection calculations
Welder certifications for shop and field welders
Steel deck shop drawings
Steel joist shop drawing
Exterior cold-formed steel framing shop drawings
All inspection reports as pertaining to items listed above

Client

LAHC - Leaders Advancing and Helping Communities

LAHC
EMBRACING DIVERSITY - EMBRACING DIVERSITY

Architect

Framework E
Architects Leaders Community Builders

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Consultant

Project Title

LAHC Workforce Education Resource and Development Center

5275 Konilworth St, Dearborn, MI 48126

Seal

TAG	ISSUED	DATE
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	50% Construction Documents	04-10-25
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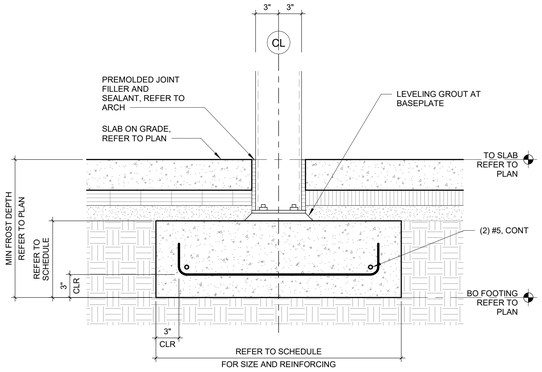
CHECKED BY **Checker**
CLIENT PROJ NO

Framework E PROJ NO **2024007**

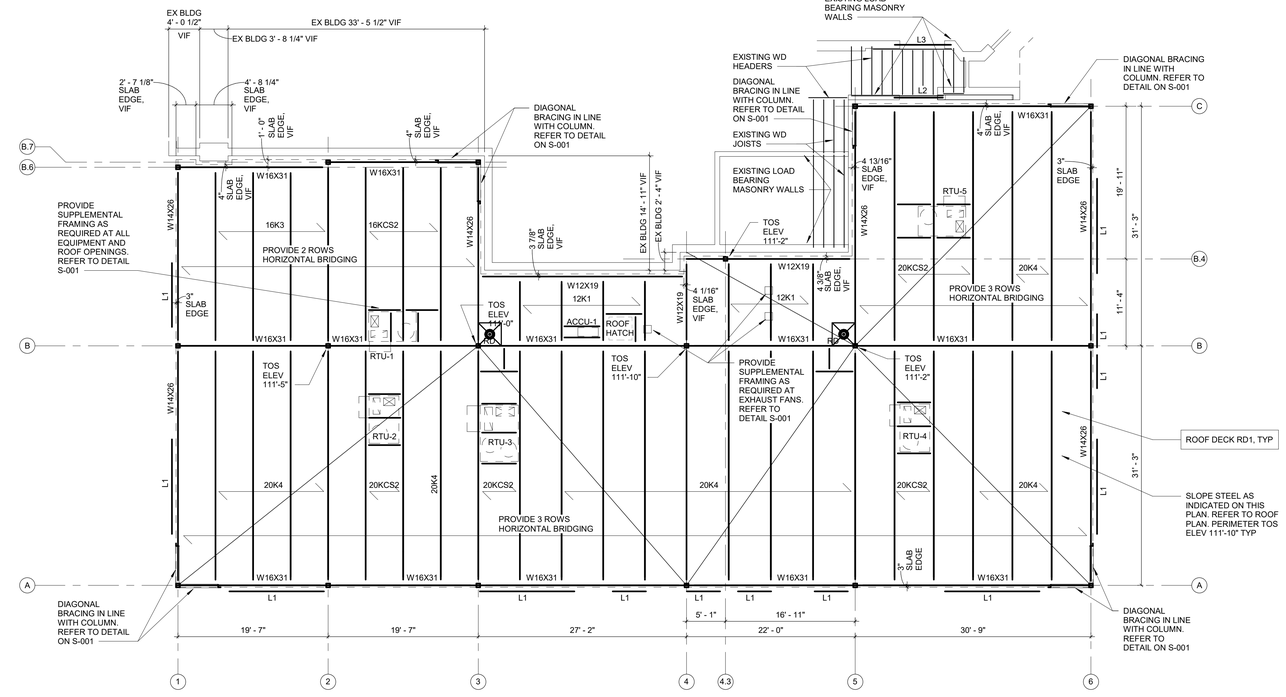
STRUCTURAL NOTES

DRAWING NO **S-001**



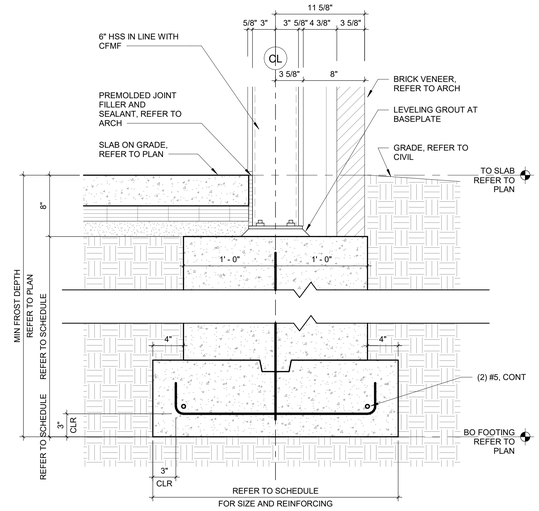
5 TYP — SECTION DETAIL AT INTERIOR STEEL COLUMN

SCALE: 1 1/2" = 1'-0"



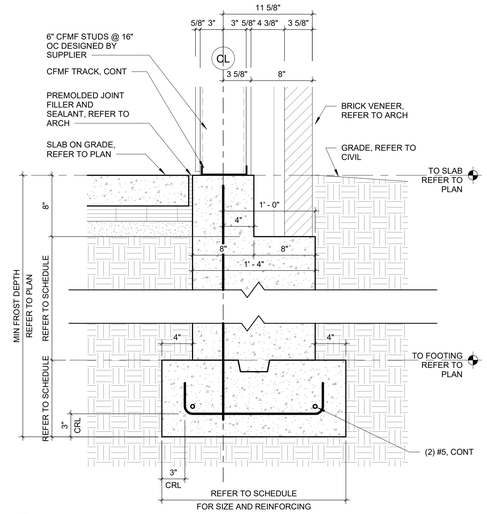
2 STRUCTRUAL ROOF FRAMING PLAN

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



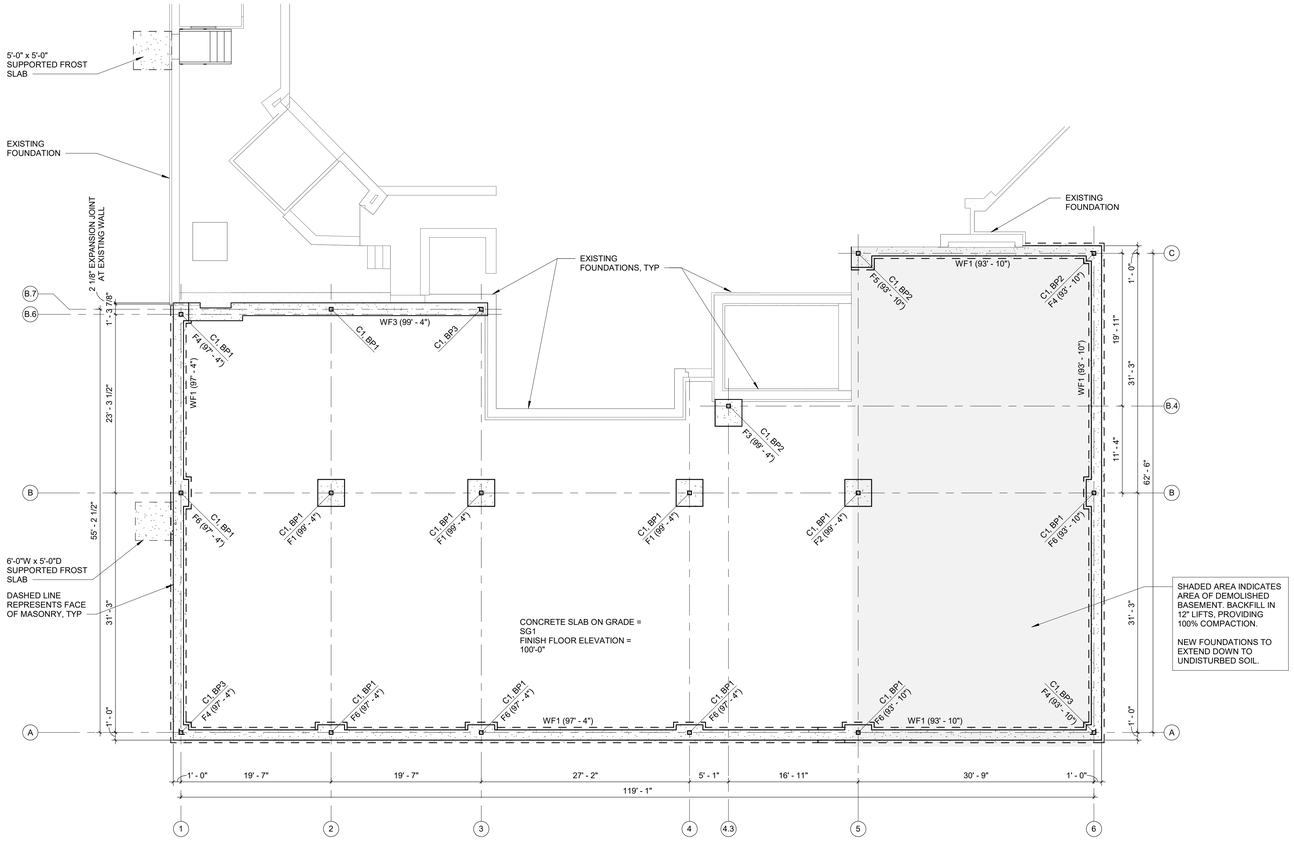
4 TYP — SECTION DETAIL AT EXTERIOR STEEL COLUMN

SCALE: 1 1/2" = 1'-0"



3 TYP — SECTION DETAIL AT TYP EXTERIOR WALL

SCALE: 1 1/2" = 1'-0"



1 STRUCTURAL FOUNDATION PLAN

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

FOUNDATION PLAN NOTES

1. VERIFY ALL ELEVATIONS AND DIMENSIONS SHOWN WITH ARCHITECTURAL DRAWINGS AND APPROVED EQUIPMENT SUPPLIES SHOP DRAWINGS PRIOR TO ANY FABRICATION OR INSTALLATION OF CONCRETE.
2. COORDINATE ALL FOUNDATION THICKNESSES WITH ARCHITECTURAL WALL CONSTRUCTION.
3. NO FOUNDATION CONCRETE SHALL BE POURED PRIOR TO INSPECTION AND APPROVAL OF SOIL BEARING CAPACITY BY GEOTECHNICAL ENGINEER.
4. ALL FOOTINGS TO EXTEND A MINIMUM OF 42" BELOW FINISHED GRADE FOR FROST DEPTH.
5. ADEQUATELY STEP FOOTINGS TO AVOID UNDERMINING.
6. KEEP ALL FOUNDATIONS FREE OF WATER AT ALL TIMES.
7. WEAKENED SOIL TO BE REPLACED WITH LEAN CONCRETE.
8. BACKFILL GRADATION AND COMPACTIONS SHALL BE INSPECTED AND APPROVED BY GEOTECHNICAL ENGINEER.
9. SLAB ON GRADE TO BE SUPPORTED ON COMPACTED EXISTING FILL OR NEW ENGINEERED FILL TO THE RECOMMENDATION, SATISFACTION AND APPROVAL OF THE GEOTECHNICAL ENGINEER.
10. COORDINATE ALL DEPRESSIONS AND FLOOR DRAINS LOCATIONS WITH ARCHITECTURAL DRAWINGS.
11. COORDINATE ALL UNDERGROUND UTILITIES FOR SIZE, QUANTITY, LOCATION AND INVERT ELEVATION WITH MECHANICAL, ELECTRICAL, PLUMBING AND CIVIL DRAWINGS PRIOR TO FOUNDATION WORK.
12. REFER TO TYPICAL DETAILS ON SHEET **S-001**.

ROOF FRAMING PLAN NOTES

1. VERIFY ALL ELEVATIONS AND DIMENSIONS SHOWN WITH ARCHITECTURAL DRAWINGS AND APPROVED EQUIPMENT SUPPLIES SHOP DRAWINGS PRIOR TO ANY FABRICATION OR INSTALLATION OF STRUCTURAL STEEL.
2. BEAMS / JOIST SHALL BE EQUALLY SPACED WITHIN BAY, UNO.
3. ALL EDGES OF ROOF DECK AT ROOF OPENINGS MUST BE SUPPORTED. THE DIMENSION AT ROOF OPENINGS FROM THE EDGE OF DECK TO THE CENTERLINE OF ADJACENT BEAM SHALL BE 9", UNO.
4. PROVIDE STEEL BENT PLATE OR ANGLE AT ALL EDGE OF DECK. REFER TO PLAN AND COORDINATE WITH ARCHITECTURAL DRAWINGS.
5. DO NOT SUSPEND ANY MECHANICAL, ELECTRIACL OR PLUMBING ITEMS DIRECTLY FROM THE METAL DECK.
6. NOTIFY AOR OF ANY DISCREPANCIES BETWEEN ARCHITECTURAL AND STRUCTURAL DRAWINGS PRIOR TO FABRICATION OR INSTALLATION.
7. COORDINATE ALL ROOF OPENINGS AND PENETRATIONS FOR SIZE, QUANTITY AND LOCATION WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
8. PROVIDE FRAMING AT ROOF DRAINS PER TYPICAL DETAILS. COORDINATE EXACT SIZES AND LOCATIONS OF ROOF DRAINS WITH ARCHITECTURAL AND PLUMBING DRAWINGS.
9. NOTIFY AOR OF ANY CHANGES IN SIZE OR WEIGHT OF MECHANICAL UNITS PRIOR TO FABRICATION OR INSTALLATION OF SUPPORT FRAMING.
10. REFER TO TYPICAL DETAILS ON SHEET **S-001**.

STRUCTURAL SCHEDULES

SPREAD FOOTING SCHEDULE

Mark	Length	Width	Depth	Comments
F1	3' - 6"	3' - 6"	1' - 0"	(4) #5 EACH WAY, BOTTOM
F2	3' - 6"	3' - 6"	6' - 4"	(4) #5 EACH WAY, BOTTOM
F3	3' - 6"	3' - 6"	1' - 0"	(4) #5 EACH WAY, BOTTOM
F4	2' - 8"	2' - 8"	10"	(4) #5 EACH WAY, BOTTOM
F5	2' - 8"	2' - 8"	10"	(4) #5 EACH WAY, BOTTOM, OFFSET AGAINST EXISTING FOUNDATION
F6	4' - 2"	2' - 8"	10"	(4) #5 EACH WAY, BOTTOM

ELEVATION HEIGHT SHOWN ON SPREAD FOOTING INDICATES TOP OF FOOTING.

WALL STRIP FOOTING SCHEDULE

Mark	Width	Depth	Comments
WF1	1' - 4"	10"	(2) #5 TOP AND (2) #5 BOTTOM
WF3	1' - 8"	MATCH DEPTH OF ADJACENT EXISTING FOUNDATOIN (NOT LESS THAN 3' - 6")	(2) #5 TOP AND (2) #5 BOTTOM

ELEVATION HEIGHT SHOWN ON WALL STRIP FOOTING INDICATES TOP OF FOOTING.

STEEL COLUMN SCHEDULE

Mark	Type Mark	Base Plate Type	Comments
C1	HSS6X6X3/8	SEE PLAN	

FOR BASEPLATE DETAILS, REFER TO SHEET S-001

STEEL LINTEL SCHEDULE

Mark	Type Mark	Comments
L1	L4x4x3/8	Minimum bearing of 8" both sides of opening
L2	W6x25 with wood top plate	Minimum bearing of 8" both sides of opening
L3	HSS4x6x1/4 with 11"x3/8" bottom plate	Minimum bearing of 8" both sides of opening

ANCHOR ROD SCHEDULE

Anchor Rod Diameter	Base Plate Hold Dia	Min Washer Size	Min Washer Thickness	Min Proj Above Base Plate	Nominal Grout Thickness	Edge Distance	Depth of Embedment
3/4"	1 5/16"	2"	1/4"	3"	2"	1 1/2"	12"

SLAB CONSTRUCTION:
SG1: 4" CONCRETE SLAB ON GRADE WITH 6x6-W2.1xW2.1 WWF AT MID-DEPTH OF SLAB ON 10 MIL VAPOR BARRIER OVER WELL COMPACTED STRUCTURAL FILL AND / OR SUBGRADE

PROVIDE (2) #4 x 3'-0" AT ALL RE-ENTRANT CORNERS AND DISCONTINUOUS CONTROL JOINTS TYPICAL, UNO.

BENT PLATE CONSTRUCTION:
1/4" GALVANIZED BENT PLATE, TYPICAL. REFER TO STRUCTURAL ROOF FRAMING PLAN AND A-360 AND A-361 FOR DETAILS.

ROOF DECK CONSTRUCTION:
RD1: 1 1/2" 20 GA GALVANIZED METAL DECK, TYPICAL

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Seal

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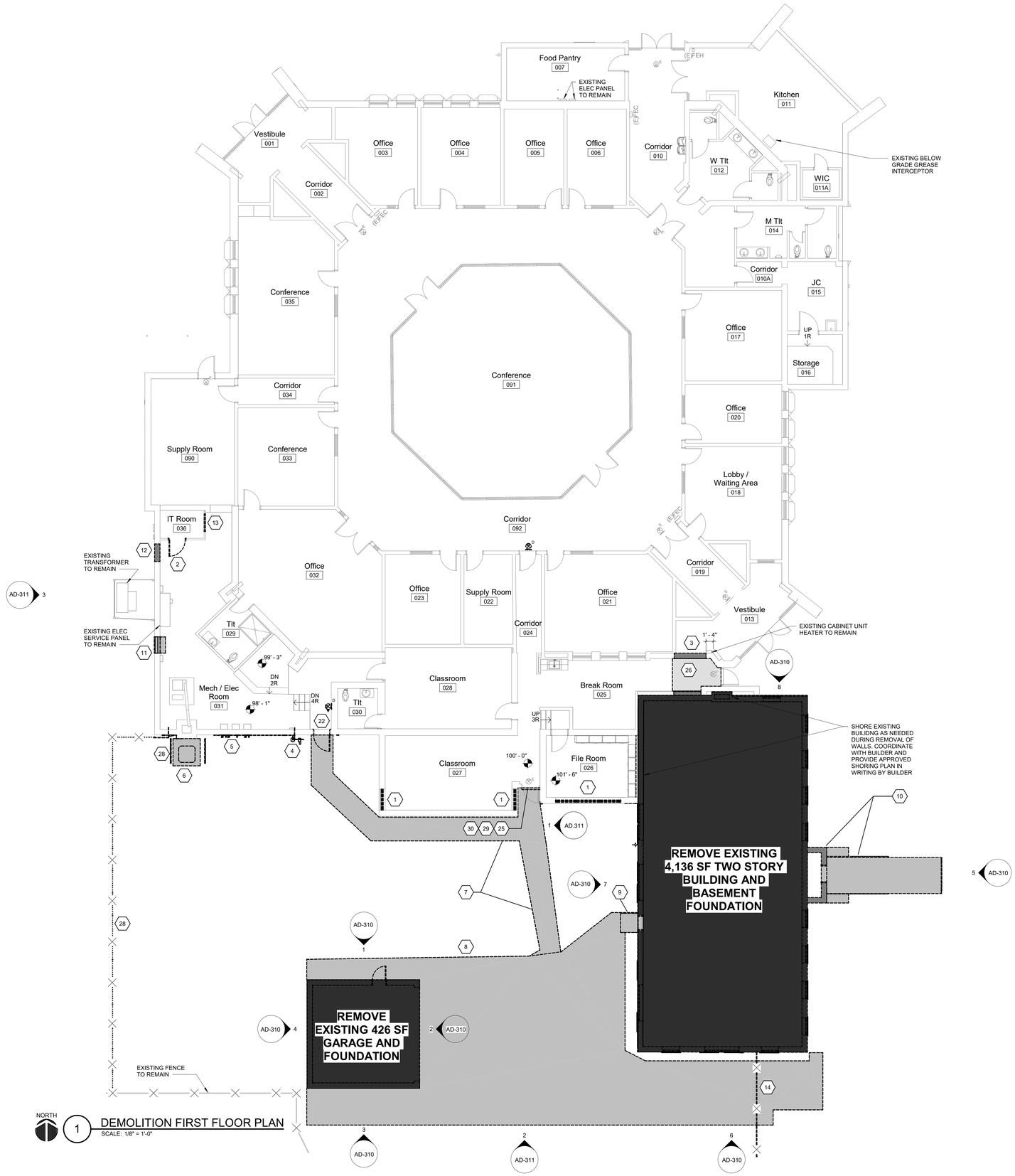
STRUCTURAL FOUNDATION, ROOF FRAMING PLAN AND DETAILS

DRAWING NO

S-111



DEMOLITION FLOOR PLAN NOTES

1. ALL DEMOLITION WORK REQUIRED IS NOT NECESSARILY LIMITED TO WHAT IS SHOWN ON THE DEMOLITION PLAN. THE INTENT IS TO REMOVE ALL MECHANICAL, ELECTRICAL, AND ARCHITECTURAL ITEMS AS REQUIRED TO FACILITATE NEW CONSTRUCTION.
2. CONTRACTOR SHALL PROVIDE TEMPORARY DUSTPROOF PARTITIONS WITH DOORS AT LOCATIONS INDICATED AND/OR AS REQUIRED TO ADEQUATELY SEPARATE OCCUPIED AREAS FROM CONSTRUCTION HAZARDS, NOISE AND/OR DUST. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. COORDINATE ALL LOCATIONS WITH ARCHITECT'S/OWNER'S REPRESENTATIVE.
3. CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ALL MEANS OF EGRESS AND ALL FIRE PROTECTION FEATURES FOR PORTIONS OF THE BUILDING THAT REMAIN OCCUPIED DURING CONSTRUCTION.
4. COORDINATE SCOPE AND EXTENT OF DEMOLITION WITH NEW WORK PLANS AND DETAILS.
5. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE DEMOLITION PROCEDURE AND SEQUENCE TO ENSURE THE SAFETY OF THE EXISTING BUILDING AND ITS COMPONENT PARTS DURING DEMOLITION AND FUTURE ERECTION. THIS IS INCLUDED, BUT IS NOT LIMITED TO, THE ADDITION OF ANY AND ALL TEMPORARY BRACING, GUYS OR TIE-DOWNS WHICH MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
6. THE CONTRACTOR SHALL SUPPORT, BRACE AND SECURE EXISTING STRUCTURE AS REQUIRED. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFETY OF THE EXISTING BUILDING DURING DEMOLITION AND CONSTRUCTION. FIELD VERIFY ALL EXISTING DIMENSIONS, ELEVATIONS AND CONDITIONS WHICH AFFECT THE DEMOLITION AND NEW CONSTRUCTION.
7. THE EXTEND OF THE WORK SHOWN SHALL INCLUDE REMOVAL AND DISPOSAL, OFF SITE, OF THE ELEMENTS INDICATED WITHIN THESE DEMOTION DRAWINGS, UNLESS NOTED OTHERWISE.
8. THE EXISTING STRUCTURE SHALL BE DISASSEMBLED IN A MANNER WHICH DOES NOT DAMAGE OR DEFORM ANY EXISTING STRUCTURE TO REMAIN. EXISTING SLABS SHALL BE SAWCUT IN A MANNER WHICH DOES NOT CAUSE THE SLAB SUPPORTING MEMBER TO BE CUT OR DAMAGED.
9. CONFORM TO ALL APPLICABLE TO CODES FOR DEMOLITION OF STRUCTURES, SAFETY OF EXISTING AND ADJACENT STRUCTURES, DUST CONTROL, AND DISPOSAL.
10. USE OF EXPLOSIVES SHALL NOT BE PERMITTED.
11. EXISTING SLABS SHALL BE CORE DRILLED AT RE-ENTRANT CORNERS OF NEW FLOOR OPENINGS TO PREVENT OVER CUTTING.
12. THE DEMOLISHED STRUCTURE SHALL BE REDUCED TO A WEIGHT AND TRANSPORTED ACROSS THE EXISTING STRUCTURE IN A MANNER WHICH DOES NOT OVERSTRESS THE EXISTING BUILDING STRUCTURE.
13. FRAMING SHALL BE REMOVED ONLY AFTER THE LOAD SUPPORTED BY THAT FRAMING IS REMOVED. THE FRAMING REMOVAL PROCESS SHALL NOT DEFORM OR INDUCE STRESS TO EXISTING FRAMING TO REMAIN.
14. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
15. FILL AND PATCH ALL OPENINGS RESULTING FROM DEMOLITION. PATCH TO MATCH EXISTING FINISHES. CONTRACTOR TO MAINTAIN REQUIRED FIRE RATED ASSEMBLIES.
16. ALL EXISTING STRUCTURE TO REMAIN. REMOVE ALL FINISHES, ETC AS INDICATED.
17. ALL ABANDONED OR OTHERWISE OBSOLETE CONDUITS, DUCTWORK, HANGERS, AND ACCESSORIES ARE TO BE REMOVED FROM WORK AREA.
18. AREAS SHOWN FOR REMOVAL ARE INDICATED SCHEMATICALLY AND ARE APPROXIMATELY ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS AND METHODS OF REMOVAL. WHEN REMOVING PORTIONS OF MATERIALS, CONTRACTOR TO TAKE APPROPRIATE CARE NOT TO DAMAGE ANY EXISTING STRUCTURAL CONDITIONS, OR OTHER INTEGRAL BUILDING COMPONENTS. PATCH ALL AREAS TO MATCH EXISTING CONDITIONS AND FINISHES.
19. REFER TO MECHANICAL ROOF PLAN FOR LOCATIONS OF NEW ROOF OPENINGS.
20. REFER TO OTHER DISCIPLINE DRAWINGS FOR FURTHER DEMOLITION INFORMATION.

DEMOLITION KEYNOTES

1	REMOVE EXTERIOR WINDOW AND FRAME.	15	REMOVE ENTIRE BUILDING.
2	REMOVE DOOR, FRAME, AND HARDWARE.	16	REMOVE ENTIRE BUILDING FOUNDATION.
3	REMOVE PORTION OF WALL.	17	REMOVE PARAPET MOUNTED LIGHT FIXTURE AND ASSOCIATED HARDWARE.
4	REMOVE AND RELOCATE GAS METER, PIPING AND ASSOCIATED HARDWARE. REFER TO MECHANICAL.	18	REMOVE ENTIRE GARAGE.
5	REMOVE AND RELOCATE VENTS. REFER TO MECHANICAL.	19	REMOVE METAL RAILING.
6	REMOVE AND RELOCATE CONDENSING UNIT AND ASSOCIATED HARDWARE. REMOVE FENCE ENCLOSURE.	20	REMOVE SECURITY CAMERA.
7	REMOVE SIDEWALK.	21	REROUTE CONDUIT TO WEST WALL.
8	REMOVE PORTION OF CONC DRIVE.	22	REMOVE EXTERIOR HOLLOW METAL DOOR AND FRAME.
9	REMOVE EXTERIOR CANOPY.	23	REMOVE WALL MOUNTED LIGHT FIXTURE AND ASSOCIATED HARDWARE.
10	REMOVE EXTERIOR CANOPY, PORCH CONSTRUCTION, AND SIDEWALK.	24	REMOVE AND RELOCATE ELECTRICAL WIRING.
11	REMOVE LOUVER.	25	REMOVE PRECAST CONCRETE DOOR SILL UNDER ALUM THRESHOLD.
12	REMOVE PORTION OF EXTERIOR BRICK WALL CONSTRUCTION FOR NEW DOOR.	26	REMOVE TILE FLOORING AND PREP FOR NEW FLOOR.
13	REMOVE PORTION OF PARTITION FOR NEW DOOR.	27	REMOVE HOSE BIB, REFER TO PLUMBING
14	REMOVE AND SALVAGE DECORATIVE FENCE AND GATE.	28	REMOVE FENCE
		29	REMOVE AND SALVAGE ALUM THRESHOLD BE REINSTALLED AFTER FLOOR FINISH INSTALLED.
		30	REMOVE AND SALVAGE EXISTING CARD READER TO BE RELOCATED.

DEMOLITION PLAN LEGEND

- EXISTING WALL OR PARTITION AND DOOR TO REMAIN
- WALL OR PARTITION AND DOOR TO BE REMOVED
- (E)FEH — EXISTING FIRE EXTINGUISHER HOOK TO REMAIN
- (E)FEC — EXISTING FIRE EXTINGUISHER CABINET TO REMAIN
- (D)FEC — FIRE EXTINGUISHER CABINET TO BE REMOVED
- E — EXISTING WALL MOUNTED EXIT SIGN TO REMAIN
- D — WALL MOUNTED EXIT SIGN TO BE REMOVED
- E — EXISTING CEILING MOUNTED EXIT SIGN TO REMAIN
- D — CEILING MOUNTED EXIT SIGN TO BE REMOVED

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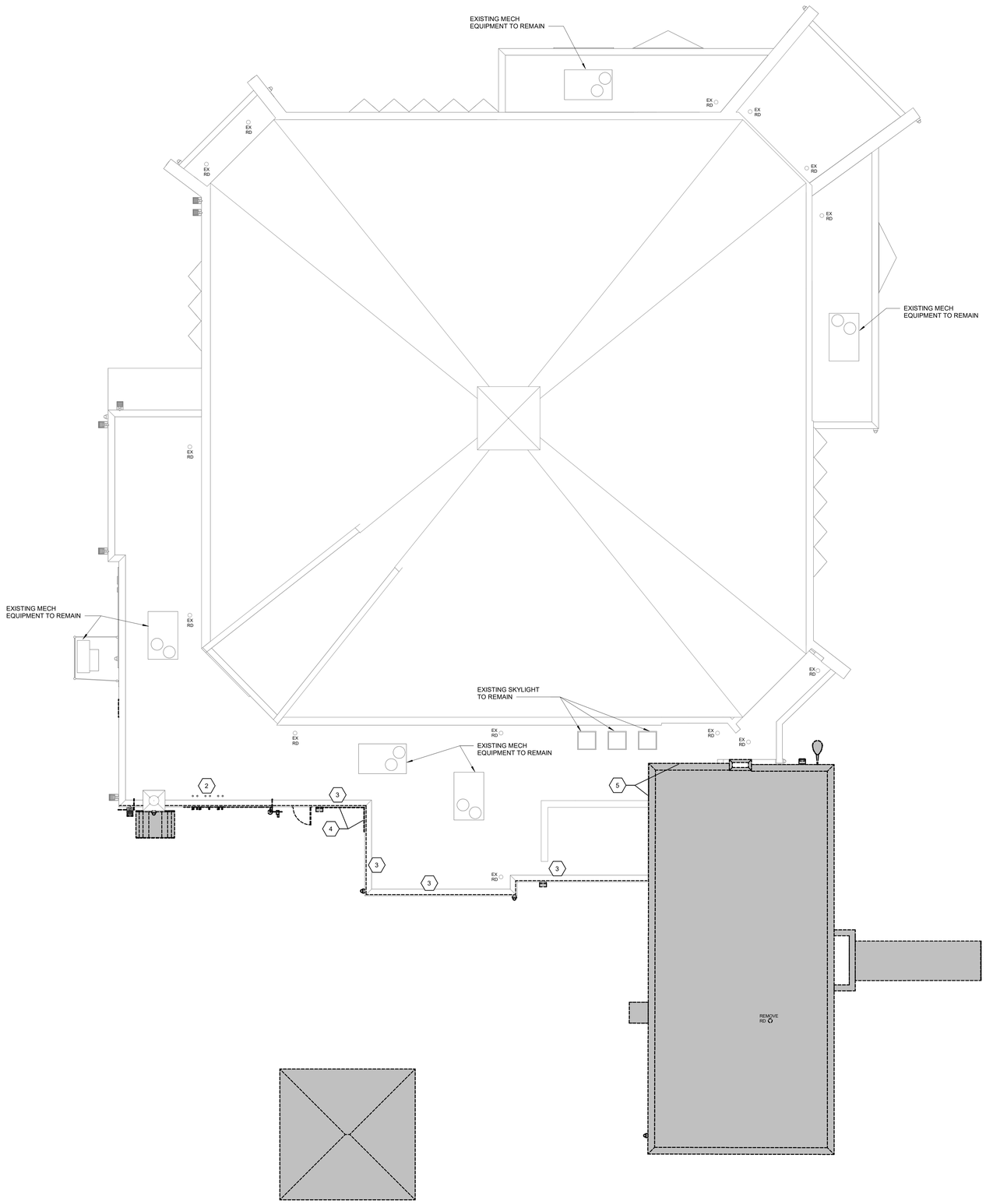
DEMOLITION FIRST FLOOR PLAN

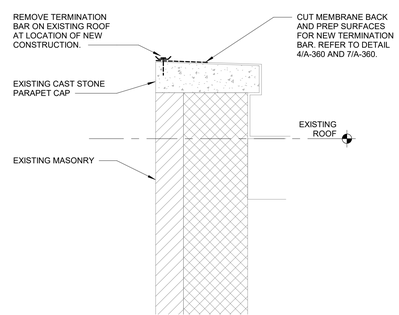
DRAWING NO

AD-111



NORTH

1 DEMOLITION ROOF PLAN
SCALE: 1/8" = 1'-0"



2 DEMOLITION SECTION DETAIL
SCALE: 1 1/2" = 1'-0"

DEMOLITION ROOF PLAN NOTES

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2. CONTRACTOR SHALL PROVIDE TEMPORARY DUSTPROOF PARTITIONS WITH DOORS AT LOCATIONS INDICATED AND/OR AS REQUIRED TO ADEQUATELY SEPARATE OCCUPIED AREAS FROM CONSTRUCTION HAZARDS, NOISE AND/OR DUST. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. COORDINATE ALL LOCATIONS WITH ARCHITECT'S/OWNER'S REPRESENTATIVE.
3. CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ALL MEANS OF EGRESS AND ALL FIRE PROTECTION FEATURES FOR PORTIONS OF THE BUILDING THAT REMAIN OCCUPIED DURING CONSTRUCTION.
4. COORDINATE SCOPE AND EXTENT OF DEMOLITION WITH NEW WORK PLANS AND DETAILS.
5. REFER TO MECHANICAL AND ELECTRICAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.
6. CONTRACTOR MUST REVIEW AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY CONDITIONS NOT DOCUMENTED ON THESE DRAWINGS OR OBSERVED TO BE DIFFERENT THAN THOSE SHOWN ON THESE DRAWINGS ARE TO BE REPORTED TO THE ARCHITECT, PRIOR TO BEGINNING WORK.
7. CONTRACTOR MUST REMOVE ALL DEBRIS AS A RESULT OF THIS PROJECT, DAILY OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
8. ROOFING WORK MUST BE PERFORMED SO AS TO PROVIDE COMPLETED, FUNCTIONING AND WATER TIGHT ROOF SYSTEMS AT ALL LOCATIONS WHERE ROOFING WORK IS PERFORMED UNDER THIS PROJECT.
9. ALL DAMAGED SURFACES AND/OR FINISHES AS A RESULT OF AND ADJACENT TO THE WORK MUST BE REPAIRED AND FINISHED TO THEIR ORIGINAL CONDITION.
10. ALL PATCHING OF EXISTING MATERIAL MUST BE DONE WITH THE MATERIALS AND WORKMANSHIP MATCHING ADJACENT SURFACES.
11. LOCATIONS, SIZE, NUMBER AND TYPES OF EXISTING ROOF SYSTEMS, PENETRATIONS AND EQUIPMENT HAVE BEEN DEFINED SCHEMATICALLY AND ARE APPROXIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETING A DETAILED INVENTORY OF AL ROOF SYSTEMS, PENETRATIONS, EQUIPMENT AND DETAILS TO ESTABLISH PRECISE SIZE, LOCATION, NUMBER AND TYPES. ANY PREVIOUSLY UNDEFINED CONDITIONS MUST BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT. ALL DIMENSIONS MUST BE FIELD VERIFIED, BY THE CONTRACTOR.
12. BELOW DECK UTILITIES AND SYSTEMS - THE CONTRACTOR MUST INSPECT THE BOTTOM SIDE OF ALL DECK SYSTEMS FOR THE PRESENCE OF EXISTING ELECTRICAL CONDUIT, FIRE COMMUNICATIONS, CABLING, DATA AND UTILITY LINES AND ALL OTHER SUCH SYSTEMS THAT ARE SECURED TO THE BOTTOM SIDE OF THE DECK SYSTEMS IN AREAS WHERE NEW OPENINGS ARE BEING PROVIDED.
13. PROTECT ALL EXISTING ROOFING, NEW ROOFING AND FACADE SYSTEMS WHEN MOVING MATERIALS ACROSS ROOFING SYSTEMS, STAGING OR DURING STORAGE.
14. INSTALL TAPERED INSULATION UNDER ALL UNITS BETWEEN SUPPORTS RAILS.
15. INSTALL DUCT, PIPE AND GAS LINE SUPPORTS AS REQUIRED TO MATCH EXISTING SUPPORT LOCATIONS.
16. THE ROOF CONTRACTOR MUST COORDINATE WITH THE ORIGINAL ROOFING MANUFACTURER TO ENSURE EXISTING WARRANTY IS MAINTAINED FOR ALL ROOF MODIFICATIONS.
17. AT CONCLUSION OF ROOFING WORK, ENTIRE ROOF SHALL BE INSPECTED AND PROBED. THE CONTRACTOR TO PATCH ANY FOUND DAMAGES.

DEMOLITION ROOF PLAN KEYNOTES

1. CUT OPENING IN ROOF CONSTRUCTION FOR REROUTE OF GAS LINE. REFER TO MECHANICAL.
2. CORE OPENING IN ROOF CONSTRUCTION FOR REROUTE OF WATER HEATER INTAKE/EXHAUST PIPING. REFER TO MECHANICAL.
3. REMOVE TERMINATION BAR AT LOCATION OF NEW CONSTRUCTION . REFER TO DETAIL 2/AD-121.
4. REMOVE METAL RAILING.
5. REMOVE ROOFING ATTACHMENT TO BUILDING.

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DEMOLITION ROOF PLAN

DRAWING NO

AD-121

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3	REMOVE PORTION OF WALL.	17	REMOVE PARAPET MOUNTED LIGHT FIXTURE AND ASSOCIATED HARDWARE.
4	REMOVE AND RELOCATE GAS METER, PIPING AND ASSOCIATED HARDWARE. REFER TO MECHANICAL.	18	REMOVE ENTIRE GARAGE.
5	REMOVE AND RELOCATE VENTS. REFER TO MECHANICAL.	19	REMOVE METAL RAILING.
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7	REMOVE SIDEWALK.	21	REROUTE CONDUIT TO WEST WALL.
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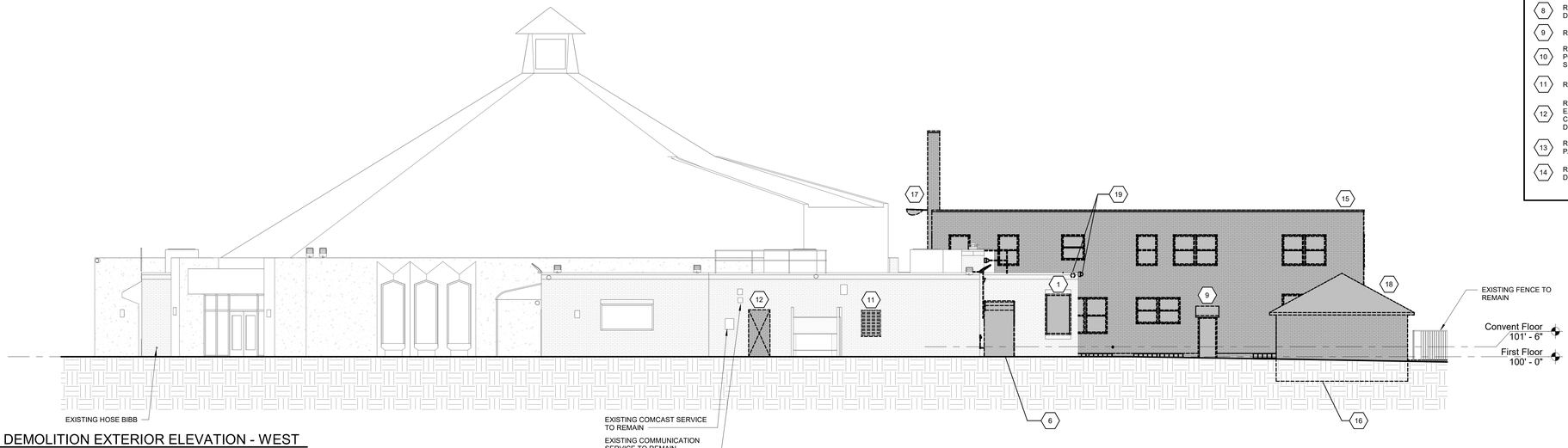
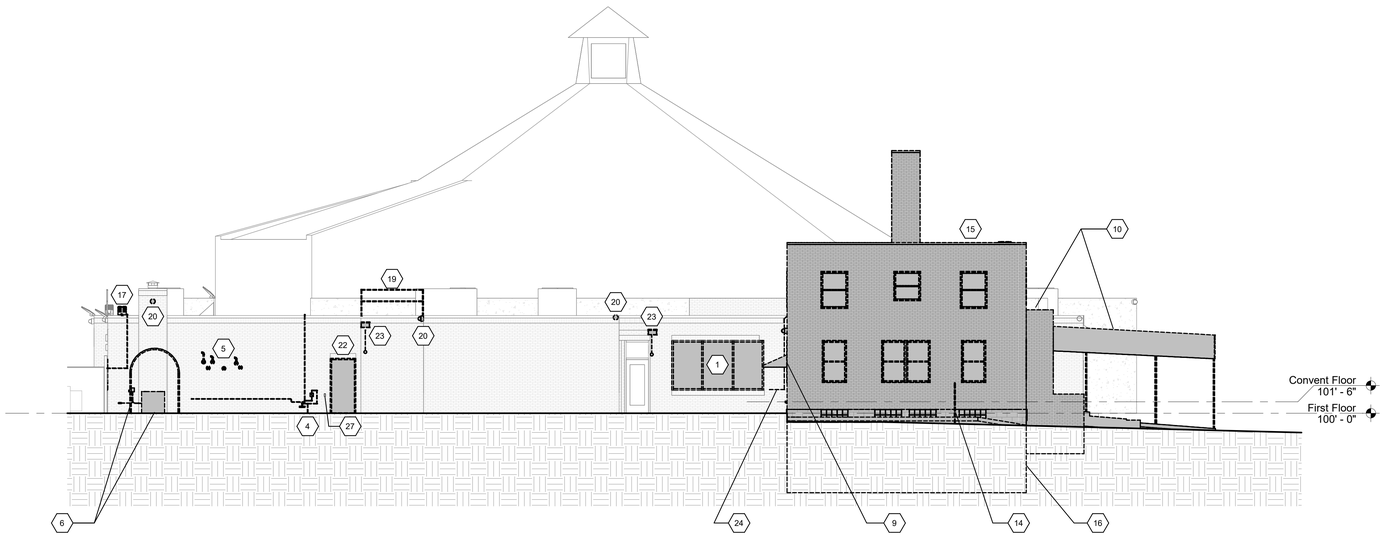
11	REMOVE LOUVER.	25	REMOVE PRECAST CONCRETE DOOR SILL UNDER ALUM THRESHOLD.
12	REMOVE PORTION OF EXTERIOR BRICK WALL CONSTRUCTION FOR NEW DOOR.	26	REMOVE TILE FLOORING AND PREP FOR NEW FLOOR.
13	REMOVE PORTION OF PARTITION FOR NEW DOOR.	27	REMOVE HOSE BIB, REFER TO PLUMBING
14	REMOVE AND SALVAGE DECORATIVE FENCE AND GATE.	28	REMOVE FENCE
		29	REMOVE AND SALVAGE ALUM THRESHOLD BE REINSTALLED AFTER FLOOR FINISH INSTALLED.
		30	REMOVE AND SALVAGE EXISTING CARD READER TO BE RELOCATED.



3 DEMOLITION EXTERIOR ELEVATION - WEST
SCALE: 1/8" = 1'-0"



2 DEMOLITION EXTERIOR ELEVATION - SOUTH
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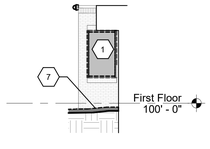

1 DEMOLITION EXTERIOR ELEVATION - EAST
SCALE: 1/8" = 1'-0"

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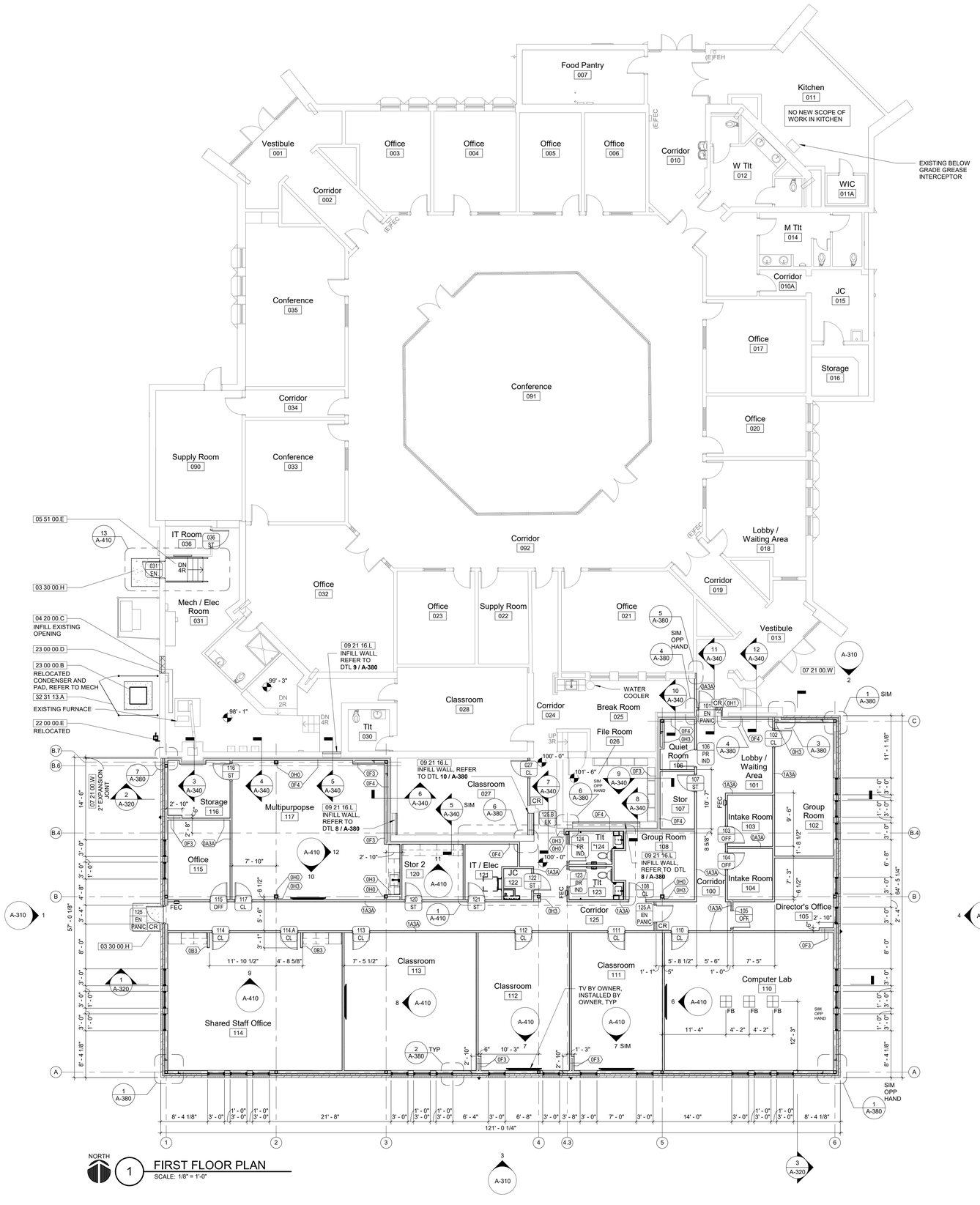
DEMOLITION EXTERIOR ELEVATIONS

DRAWING NO

AD-311



FLOOR PLAN NOTES

1. CONTRACTOR TO COORDINATE THE INTERFACING OF ALL TRADES WITH RESPECT TO DELIVERY AND INSTALLATION OF ALL FURNITURE, FURNISHINGS AND EQUIPMENT.
2. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS BEFORE INSTALLATION. CONSULT ARCHITECT WHEN ACTUAL FIELD CONDITIONS VARY FROM THOSE SHOWN ON CONSTRUCTION DOCUMENTS.
3. CONTRACTOR TO COORDINATE LOCATIONS OF ALL REQUIRED UTILITIES WITH THE TRADE PROVIDING THE SAME. REFER TO MECHANICAL, ELECTRICAL AND TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO SHEET **A-410** FOR INTERIOR ELEVATIONS.
5. REFER TO SHEET **A-600** FOR WALL PARTITION TYPES. ALL NEW PARTITIONS ARE TYPE 0A3A, UNLESS NOTED OTHERWISE.
6. REFER TO SHEET **A-620** FOR DOOR SCHEDULES. PROVIDE GYPSUM BOARD CONTROL JOINTS AT ALL DOORS.
7. REFER TO SHEET **A-711** FOR ROOM FINISH SCHEDULE.
8. REFER TO SHEET **A-811** FOR EQUIPMENT AND FURNISHING LAYOUTS. VERIFY ALL EQUIPMENT AND FURNISHING LOCATIONS, SIZES AND CLEARANCES WITH OWNER.
9. REFER TO SHEET **A-911** FOR SIGNAGE LOCATIONS, TYPES AND DETAILS. PROVIDE TOILET ROOM SIGNAGE AT ALL TOILET ROOM DOORS. SIGNAGE TO INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. REFER TO DETAIL ON SHEET **G-010** FOR TYPICAL SIGNAGE MOUNTING HEIGHT.
10. ALL INTERIOR DIMENSIONS ARE NOMINAL AND TO FACE OF PARTITION ASSEMBLY OR COLUMN CENTERLINE. INTERIOR FINISHES ARE NOT SHOWN.
11. REFER TO CIVIL DRAWINGS FOR PAVING LAYOUT AND UTILITIES.
12. REFER TO LANDSCAPE DRAWINGS FOR SITE PLANTINGS.
13. REFER TO ELECTRICAL DRAWINGS FOR GENERATOR, TRANSFORMER AND SITE LIGHTING LOCATIONS.
14. FINISH FLOOR
    a. 100'-0" (ARCHITECTURAL)
    b. 591.75' (CIVIL)

FLOOR PLAN LEGEND

- EXISTING WALL OR PARTITION AND DOOR TO REMAIN
- XXXX — PARTITION (REFER TO PARTITION TYPES) AND DOOR (REFER TO DOOR TYPES AND SCHEDULE)
- XXXX — NEW PARTITION TYPE, REFER TO PARTITION TYPES. ALIGN NEW PARTITION FLUSH AND SMOOTH WITH ADJACENT EXISTING PARTITION WHERE IT OCCURS, U.N.O. REFER TO INTERIOR ELEVATIONS AND FINISH SCHEDULE FOR WALL FINISH.
- FEC — FIRE EXTINGUISHER CABINET
- (E)FEC — EXISTING FIRE EXTINGUISHER CABINET
- FB — FLOOR BOX, REFER TO ELECTRICAL

DOOR FUNCTION LEGEND

DOOR TAG TYPES

101	ROOM NUMBER
101 EN	ROOM NUMBER HARDWARE FUNCTION
101 EN PANIC	ROOM NUMBER HARDWARE FUNCTION ADDITIONAL FUNCTION
CR	CARD READER LOCATION

HARDWARE FUNCTION TYPES

ST	STOREROOM (ALWAYS UNLOCKED FROM INSIDE. ALWAYS NEED KEY FROM OUTSIDE)
CL	CLASSROOM (LOCKED FROM OUTSIDE. KEY CAN ALLOW DOOR TO REMAIN UNLOCKED)
PR IND	PRIVACY INDICATOR (SINGLE TOILET ROOMS)
OFF	OFFICE (LOCKED FROM OUTSIDE. THUMB TURN/BUTTON CAN ALLOW DOOR TO REMAIN UNLOCKED. KEY CAN UNLOCK DOOR)
EN	ENTRY (LOCKED FROM OUTSIDE. CAN ALLOW DOOR TO REMAIN UNLOCKED FROM INSIDE. ENTRY KEY CAN ALLOW ACCESS BUT WILL NOT UNLOCK)
EO	EXISTING OPENING (HARDWARE TO REMAIN)
EX	EXISTING DOOR
NL	NIGHT LATCH (FINGER PULL HANDLE WITH DEADBOLT. NEED KEY TO UNLOCK.)
CR	CARD READER
P/P	PUSH/PULL (PUSH PLATE / PULL BAR, NO LATCH, NO LOCK)
PASS	PASSAGE (LATCH, NO LOCK)
PANIC	INDICATES PANIC HARDWARE IS REQUIRED

KEYNOTE LEGEND

Key Value	Keynote Text
03 30 00.H	Cast-in-Place Concrete Supported Slab, Refer to Structural
04 20 00.C	Clay Facing Brick
05 51 00.E	Prefabricated Stair
07 21 00.W	Flexible Glass Fiber Blanket Thermal Insulation
09 21 16.L	Gypsum Wallboard
22 00 00.E	Gas Meter, Refer to Plumbing
23 00 00.B	HVAC Fixture, Refer to Mechanical
23 00 00.D	Louver, Refer to Mechanical
32 31 13.A	Chain Link Fence

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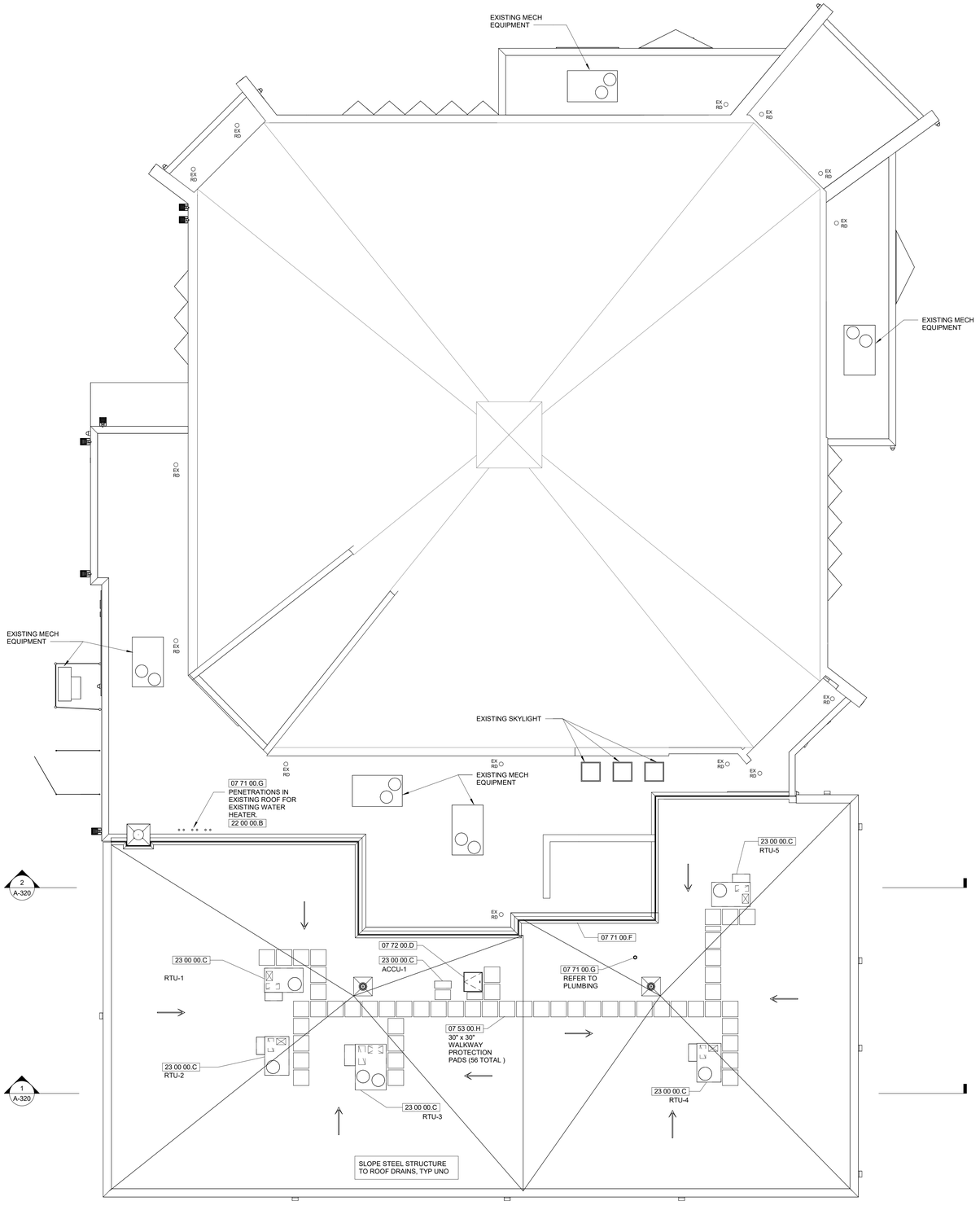
FIRST FLOOR PLAN

DRAWING NO

A-111



NORTH

1 ROOF PLAN

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

ROOF PLAN NOTES

1. CONTRACTOR TO COORDINATE THE INTERFACING OF ALL TRADES WITH RESPECT TO DELIVERY AND INSTALLATION OF ALL FURNITURE, FIXTURES AND EQUIPMENT.
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3. CONTRACTOR TO COORDINATE LOCATIONS OF ALL REQUIRED UTILITIES WITH THE TRADE PROVIDING THE SAME. REFER TO MECHANICAL, ELECTRICAL AND TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO SHEET **A-390** FOR ROOF DETAILS.
5. PROVIDE CRICKETS AT ALL MECHANICAL CURBS AND ROOF PENETRATIONS. MAINTAIN MINIMUM 1/8" PER 12" OF POSITIVE DRAINAGE SLOPE AT ALL CRICKETS AND VALLEYS.
6. EXISTING ROOFING TO BE REMOVED AND REPLACED AS REQUIRED TO ALLOW FOR NEW STRUCTURAL MODIFICATIONS. NEW ROOFING WORK SHALL BE PERFORMED SO AS TO PROVIDE COMPLETED, FUNCTIONING AND WATER TIGHT ROOF SYSTEM AT ALL LOCATIONS WHERE ROOFING WORK IS PERFORMED UNDER THIS PROJECT.
7. CONTRACTOR SHALL REVIEW AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY CONDITIONS NOT DOCUMENTED ON THESE DRAWINGS OR OBSERVED TO BE DIFFERENT THAN THOSE SHOWN ON THESE DRAWINGS ARE TO BE REPORTED TO THE OWNER/ENGINEER, PRIOR TO BEGINNING WORK.
8. ALL PATCHING OF EXISTING MATERIAL SHALL BE DONE WITH THE MATERIALS AND WORKMANSHIP MATCHING ADJACENT SURFACES.
9. ROOF CONTRACTOR TO COORDINATE WITH ORIGINAL ROOFING MANUFACTURER TO ENSURE EXISTING WARRANTY IS MAINTAINED.
10. REFER TO STRUCTURAL DRAWINGS FOR FURTHER INFORMATION.
11. ANY NEW ROOFING TO EXTEND 12" OVER EXISTING MEMBRANE.
12. ALL NEW ROOF ACCESS SHALL MEET ALL STATE AND LOCAL BUILDING CODES, AS WELL AS, ALL OSHA STANDARDS.
13. THE CONTRACTOR MUST REVIEW AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY CONDITIONS NOT DOCUMENTED ON THESE DRAWINGS OR OBSERVED TO BE DIFFERENT THAN THOSE SHOWN ON THESE DRAWINGS ARE TO BE REPORTED TO THE ARCHITECT, PRIOR TO BEGINNING WORK.
14. THE CONTRACTOR MUST REMOVE ALL DEBRIS AS A RESULT OF THIS PROJECT, DAILY OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
15. ROOFING WORK MUST BE PERFORMED SO AS TO PROVIDE COMPLETED, FUNCTIONING AND WATER TIGHT ROOF SYSTEMS AT ALL LOCATIONS WHERE ROOFING WORK IS PERFORMED UNDER THIS PROJECT.
16. ALL DAMAGED SURFACES AND/OR FINISHES AS A RESULT OF AND ADJACENT TO THE WORK MUST BE REPAIRED AND FINISHED TO THEIR ORIGINAL CONDITION.
17. ALL PATCHING OF EXISTING MATERIAL MUST BE DONE WITH THE MATERIALS AND WORKMANSHIP MATCHING ADJACENT SURFACES.
18. LOCATION, SIZE, NUMBER AND TYPES OF EXISTING ROOF SYSTEMS, PENETRATIONS AND EQUIPMENT HAVE BEEN DEFINED SCHEMATICALLY AND ARE APPROXIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETING A DETAILED INVENTORY OF ALL ROOF SYSTEMS, PENETRATIONS, EQUIPMENT AND DETAILS TO ESTABLISH PRECISE SIZE, LOCATION, NUMBER AND TYPES. ANY PREVIOUSLY UNDEFINED CONDITIONS MUST BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT. ALL DIMENSIONS MUST BE FIELD VERIFIED, BY THE CONTRACTOR.
19. BELOW DECK UTILITIES AND SYSTEMS - THE CONTRACTOR MUST INSPECT THE BOTTOM SIDE OF ALL DECK SYSTEMS FOR THE PRESENCE OF EXISTING ELECTRICAL CONDUIT, FIRE COMMUNICATIONS, CABLING, DATA AND UTILITY LINES AND ALL OTHER SUCH SYSTEMS THAT ARE SECURED TO THE BOTTOM SIDE OF THE DECK SYSTEMS IN AREAS WHERE NEW OPENINGS ARE BEING PROVIDED.
20. PROTECT ALL EXISTING ROOFING, NEW ROOFING AND FACADE SYSTEMS WHEN MOVING MATERIALS ACROSS ROOFING SYSTEMS, STAGING OR DURING STORAGE.
21. INSTALLED TAPERED INSULATION UNDER ALL UNITS BETWEEN SUPPORT RAILS.
22. INSTALL DUCT, PIPE AND GAS LINE SUPPORTS AS REQUIRED TO MATCH EXISTING SUPPORT LOCATIONS.
23. THE ROOF CONTRACTOR MUST COORDINATE WITH THE ORIGINAL ROOFING MANUFACTURER TO ENSURE EXISTING WARRANTY IS MAINTAINED FOR ALL ROOF MODIFICATIONS.
24. AT CONCLUSION OF ROOFING WORK, ENTIRE ROOF SHALL BE INSPECTED AND PROBED. THE CONTRACTOR SHALL PATCH ANY FOUND DAMAGES.

ROOF PLAN LEGEND

- DIRECTION OF SLOPE DOWNWARD
- 22 00 00.F — DUAL OUTLET ROOF DRAIN WITH COMBINED OVERFLOW ROOF DRAIN
- 07 72 00.D — ROOF ACCESS HATCH
- 07 53 00.F1 — 1/4"/1FT TAPERED INSULATION
- EX RD — EXISTING ROOF DRAIN

KEYNOTES

Key Value	Keynote Text
07 53 00.F1	Tapered Insulation
07 53 00.H	Walkway Pad
07 71 00.F	Roof Expansion Joint Cover
07 71 00.G	Pipe Penetration Flashing
07 72 00.D	Roof Hatch
22 00 00.B	Plumbing Fixture, Refer to Plumbing
22 00 00.F	Drainage Basket, Refer to Plumbing
23 00 00.C	Rooftop Unit, Refer to Mechanical

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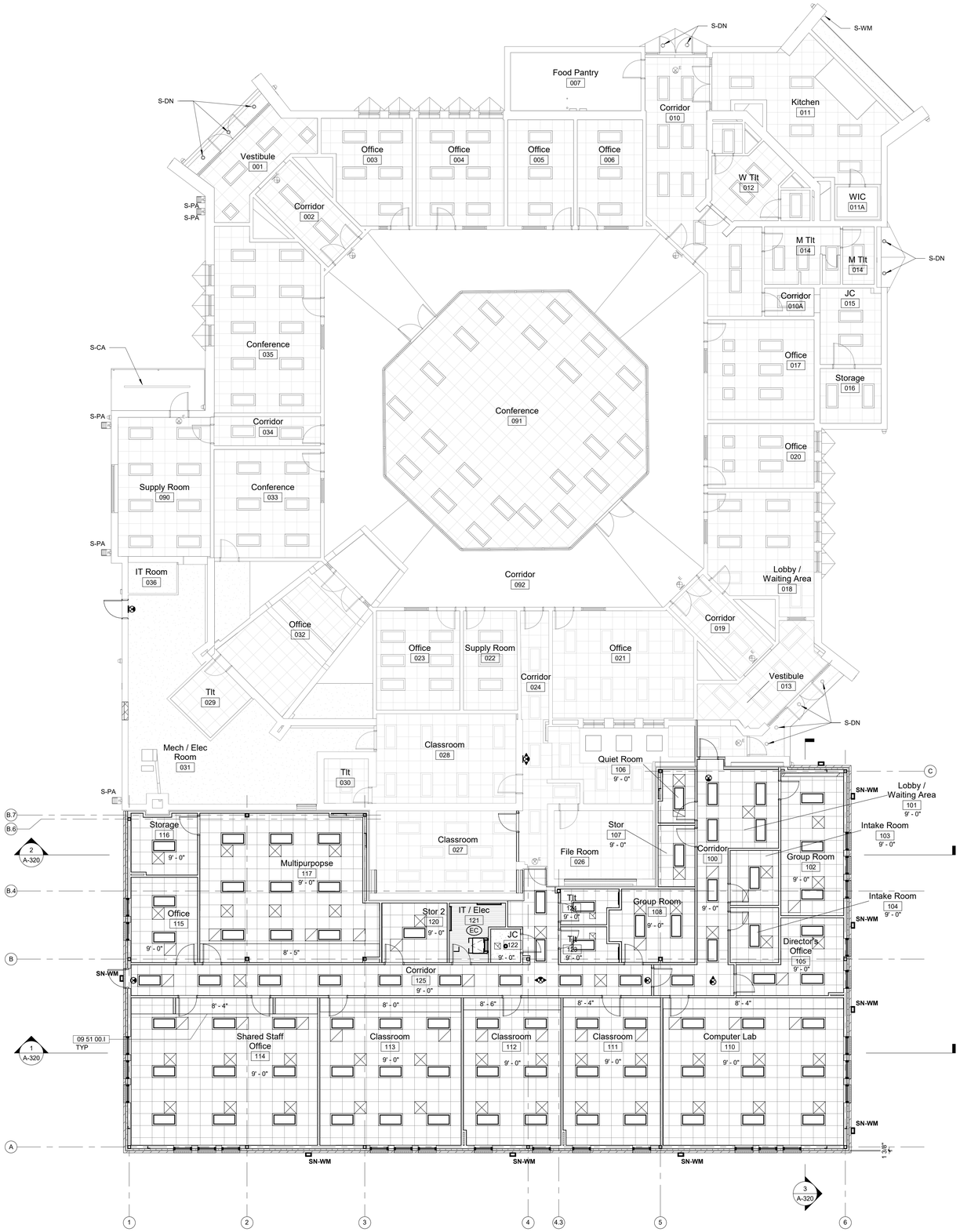
ROOF PLAN

DRAWING NO

A-121



NORTH

1 REFLECTED CEILING FIRST FLOOR PLAN

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

RCP NOTES

1. CONTRACTOR TO COORDINATE THE INTERFACING OF ALL TRADES WITH RESPECT TO DELIVERY AND INSTALLATION OF ALL FURNITURE, FIXTURES AND EQUIPMENT
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4. CONTRACTOR TO COORDINATE THE REQUIRED NUMBER AND EXACT LOCATIONS OF ALL ACCESS PANELS WITH ARCHITECT.
5. PROVIDE METAL STUD FRAMING HUNG FROM STRUCTURE ABOVE FOR SOFFITS.
6. TYPICAL SOFFIT HEIGHT IS 7'-2", UNLESS NOTED OTHERWISE.
7. WHERE GRID CEILING SYSTEMS MEET GYPSUM BOARD SOFFITS, GRID CEILING ARE 2" ABOVE GYPSUM BOARD SOFFITS, UNLESS NOTED OTHERWISE.
8. PROVIDE GYPSUM BOARD CONTROL JOINTS.
9. PROVIDE COLD-FORMED METAL STUD FRAMING HUNG FROM STRUCTURE ABOVE FOR EXTERIOR SUSPENDED CEILINGS.
10. CENTER LIGHTS AND DEVICES IN CEILING PANELS OR TILES, UNLESS NOTED OTHERWISE.
11. PROVIDE ACOUSTICAL CEILING TILE SYSTEM IN ROOMS CENTERED IN ROOM.

RCP KEYNOTES

RCP LEGEND

(REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL RCP ITEMS)

		WALL MOUNTED EXIT SIGN WITH DIRECTIONAL ARROWS AS IDENTIFIED ON PLANS
		CEILING MOUNTED EXIT SIGN WITH DIRECTIONAL ARROWS AS IDENTIFIED ON PLANS
	RN-DN	RECESSED DOWNLIGHT FIXTURE
	LI-CM-A	2' X 2' LAY-IN LIGHT FIXTURE
	LI-CM-B	2' X 4' LAY-IN LIGHT FIXTURE
	WM-LI	WALL MOUNTED LINEAR STRIP LIGHT FIXTURE
	SN-WM	EXTERIOR WALL MOUNTED LIGHT FIXTURE
		2' X 2' LAY-IN ACOUSTIC CEILING PANELS & CEILING GRID
EC		EXPOSED CONSTRUCTION
10' - 0"		CEILING HEIGHT (ABOVE FINISH FLOOR)
		RETURN GRILLE (SIZE VARIES)
		EXHAUST GRILLE (SIZE VARIES)
		SUPPLY AIR DIFFUSER
		ROUND DIFFUSER

EXTERIOR LIGHTING LEGEND

S-PA	EXISTING PARAPET MOUNTED SITE LIGHT FIXTURE
S-DN	EXISTING EXTERIOR RECESSED DOWNLIGHT FIXTURE
S-CA	EXISTING CANOPY MOUNTED LIGHT FIXTURE
S-WM	EXISTING WALL MOUNTED LIGHT FIXTURE
SN-WM	**PROPOSED WALL MOUNTED LIGHT**

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REFLECTED CEILING FIRST FLOOR PLAN

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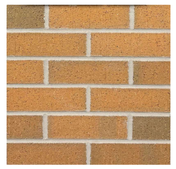
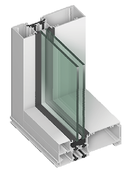
EXTERIOR MATERIAL SWATCHES



FACE BRICK 1
GLEN-GERY - SPRING HUE

CAST STONE COPING



ALUMINUM-FRAMED STOREFRONT
TUBELITE ANODIZED DARK BRONZE FINISH

INSULATING GLAZING
VIRACON - VRE1-38

EXTERIOR ELEVATION NOTES

1. PROVIDE EXPANSION JOINTS ADJACENT TO WINDOW, REFER TO DETAIL **10 / A-360**.
2. CLAY FACING BRICK BASIS OF DESIGN:
   MANUFACTURER: GLEN-GERY - PITTSBURGH PLANT
   COLOR: SPRING HUE
   SIZE: MODULAR
   TEXTURE: MATTE
   MORTAR: STANDARD GRAY TO MATCH EXISTING ADJACENT BUILDING
   ASTM - C216 GRADE SW TYPE FBS
   CONTACT: BRICK TECH ARCHITECTURAL - TYLER MEHL

EXTERIOR ELEVATION SYMBOLS

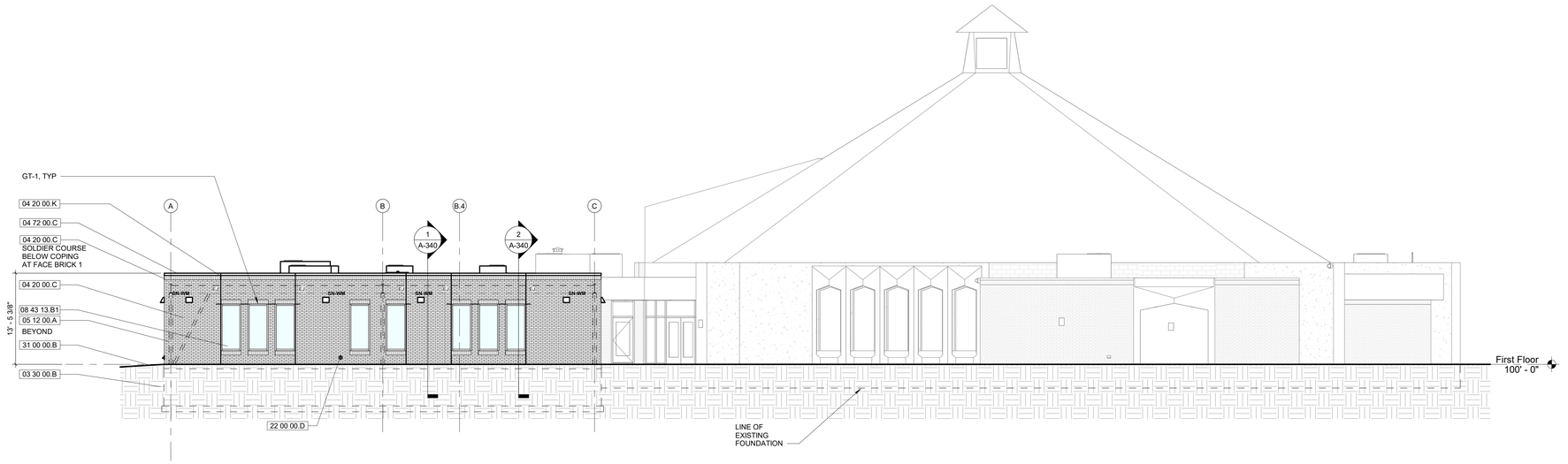
SN-WM	**EXTERIOR WALL MOUNTED LIGHT FIXTURE**
EJ	**BRICK EXPANSION JOINT**

EXTERIOR GLAZING TYPES

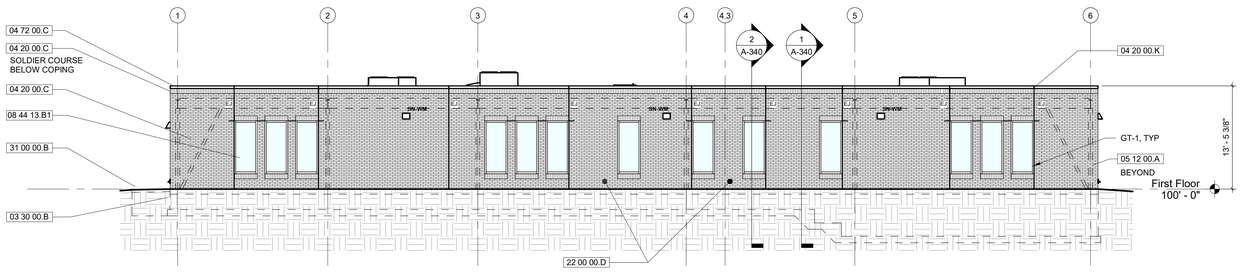
GT-1 08 80 00.B

KEYNOTES

Key Value	Keynote Text
03 30 00.B	Cast-in-Place Concrete Foundation Wall, Refer to Structural
04 20 00.C	Clay Facing Brick
04 20 00.K	Joint Filler
04 72 00.C	Cast Stone Coping
05 12 00.A	Structural Steel Framing, Refer to Structural
08 11 13.A	Hollow Metal Door and Frame
08 43 13.B1	4 1/2" Aluminum-Framed Storefront with Insulating Glazing
08 44 13.B1	Glazed Aluminum Curtain Wall Extension Cap
08 80 00.B	Insulating Glass Unit
22 00 00.D	Overflow Discharge Nozzle, Refer to Plumbing
22 00 00.E	Gas Meter, Refer to Plumbing
23 00 00.B	HVAC Fixture, Refer to Mechanical
31 00 00.B	Grade, Refer to Civil
32 31 13.A	Chain Link Fence



4 A-111 **EXTERIOR ELEVATION - EAST**
SCALE: 1/8" = 1'-0"



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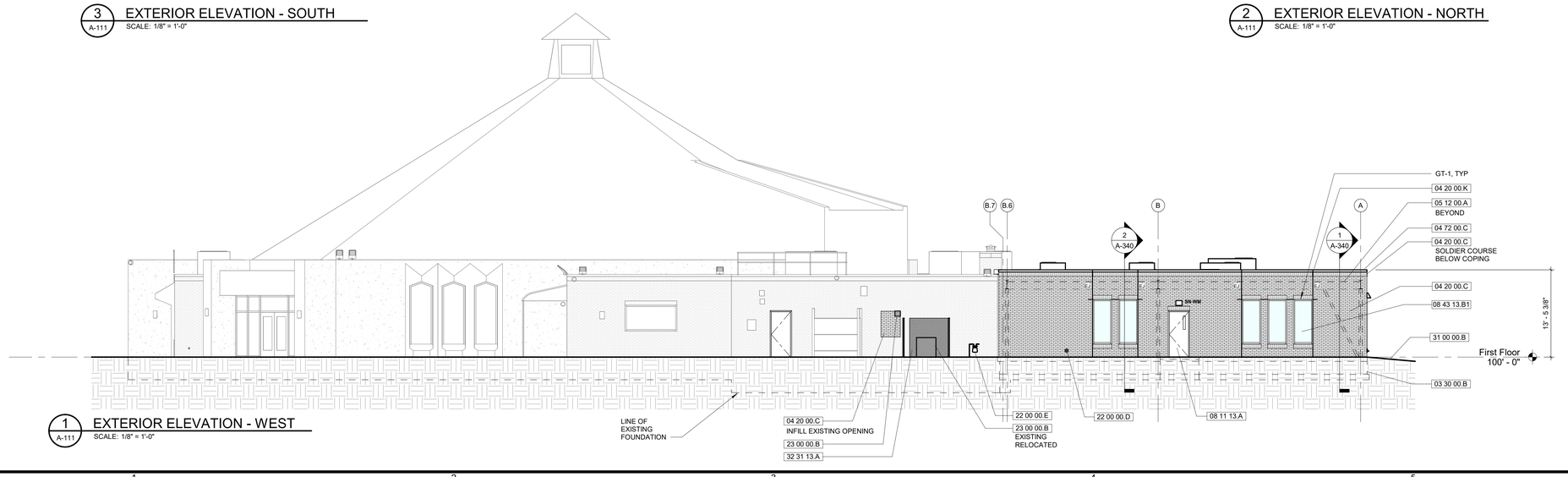

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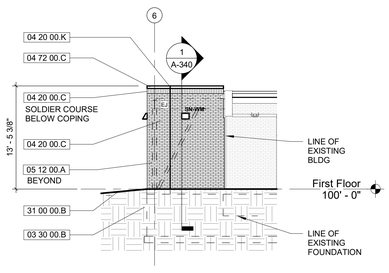

2 A-111 **EXTERIOR ELEVATION - NORTH**
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EXTERIOR ELEVATIONS

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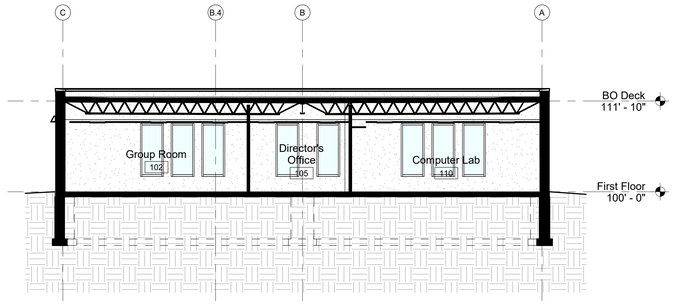
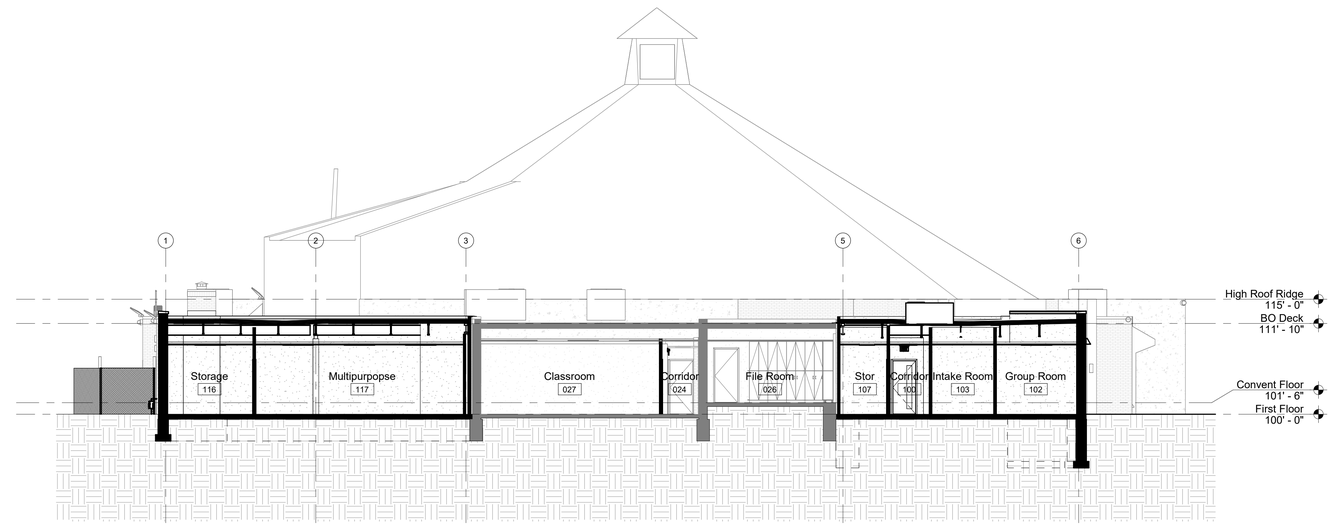


3 A-111 BUILDING SECTION
SCALE: 1/8" = 1'-0"



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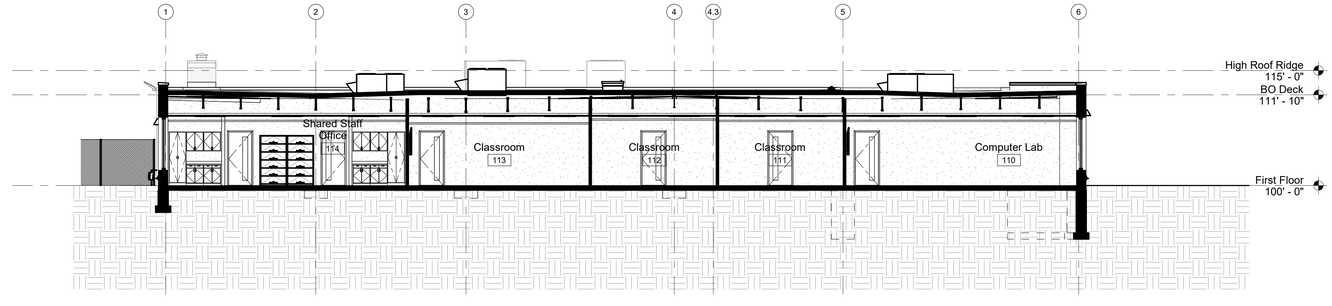

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SCALE: 1/8" = 1'-0"

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LAHC - Leaders Advancing and Helping Communities

LAHC
EMBRACING LIVES - EMBRACING DIVERSITY

Architect

Framework E
Architects Leaders Community Builders

Framework E, LLC
155 W Congress Street, Suite 602, Detroit, MI 48226
info@framework-e.com
(313) 484 1814

Consultant

Project Title

LAHC Workforce Education Resource and Development Center

5275 Kenilworth St, Dearborn, MI 48126

Seal

STATE OF MICHIGAN
GEORGE ATTIA
ARCHITECT
No. 1301044805
REGISTERED ARCHITECT

TAG	ISSUED	DATE
	Schematic Design Development	02-28-25
	50% Construction Documents	04-10-25
	90% Construction Documents	05-29-25
	Permit Review	06-13-25
	Issued For Construction	08-01-25

DRAWN BY **Author**
CHECKED BY **Checker**
CLIENT PROJ NO
Framework E PROJ NO **2024007**

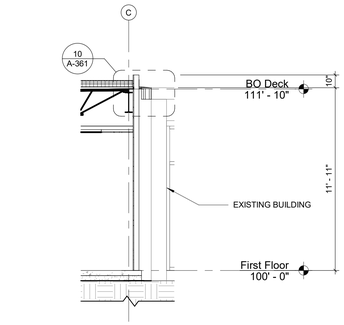
BUILDING SECTIONS

DRAWING NO

A-320

KEYNOTE LEGEND

Key Value	Keynote Text
03 30 00.A	Cast-in-Place Concrete, Refer to Structural
03 30 00.C	Cast-in-Place Concrete Floor Slab, Refer to Structural
04 20 00.C	Clay Facing Brick
04 72 00.C	Cast Stone Coping
05 12 00.A	Structural Steel Framing, Refer to Structural
05 12 00.F	Structural Steel Bracing, Refer to Structural
05 40 00.A	Cold-Formed Metal Framing
05 50 00.A	Metal Fabrication
07 53 00.A	Elastomeric Membrane Roofing
07 95 13.D	Extruded Heat-Welded Rubber Expansion Joint
08 43 13.B1	4 1/2" Aluminum-Framed Storefront with Insulating Glazing
09 21 16.B1	Interior Partition, Refer to Wall Types
09 21 16.L	Gypsum Wallboard
09 51 00.A	Acoustical Ceiling
09 51 00.I	Prefinished Metal Trim for Suspension System
31 23 23.C	4" Compacted Gravel Base, Refer to Civil



12 A-111 WALL SECTION
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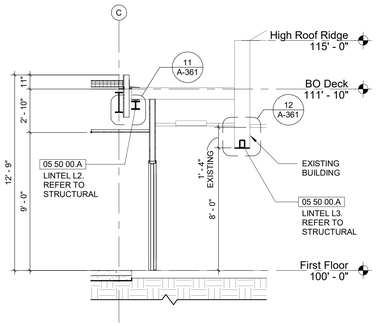

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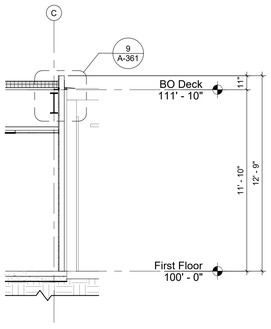

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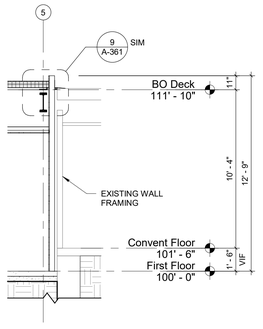
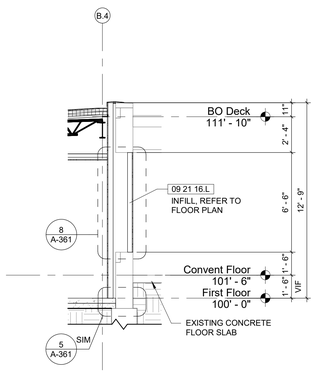


9 A-111 WALL SECTION
SCALE: 1/4" = 1'-0"



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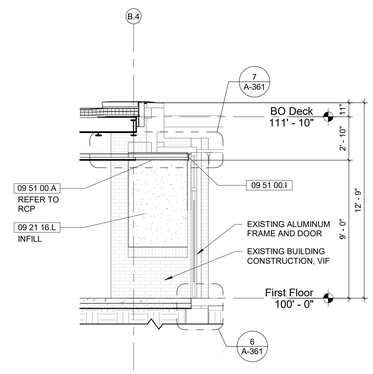
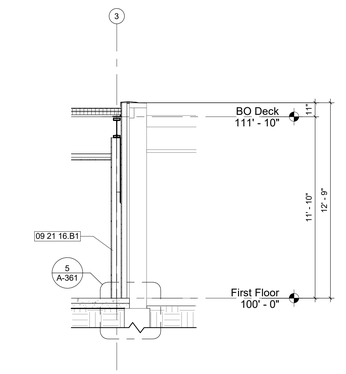
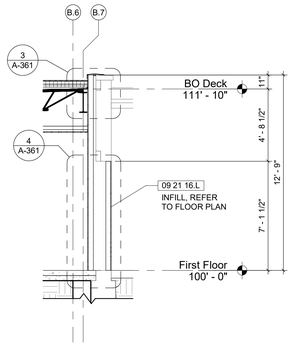
SCALE: 1/4" = 1'-0"



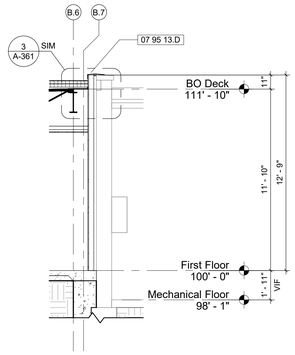
7 A-111 WALL SECTION
SCALE: 1/4" = 1'-0"



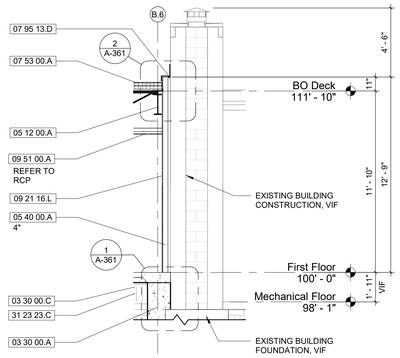
6 A-111 WALL SECTION
SCALE: 1/4" = 1'-0"



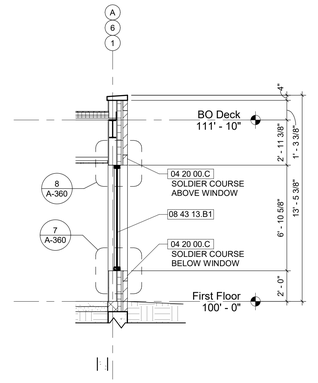
5 A-111 WALL SECTION
SCALE: 1/4" = 1'-0"



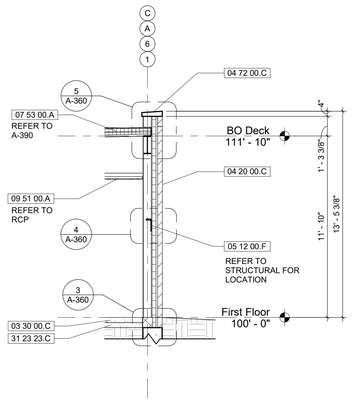
4 A-111 WALL SECTION
SCALE: 1/4" = 1'-0"



3 A-111 WALL SECTION
SCALE: 1/4" = 1'-0"



2 A-310 WALL SECTION
SCALE: 1/4" = 1'-0"



1 A-310 WALL SECTION
SCALE: 1/4" = 1'-0"

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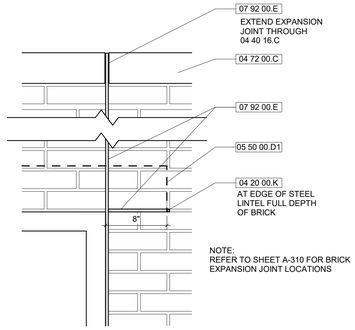
CHECKED BY **Checker**
CLIENT PROJ NO

Framework E PROJ NO **2024007**

EXTERIOR WALL SECTIONS

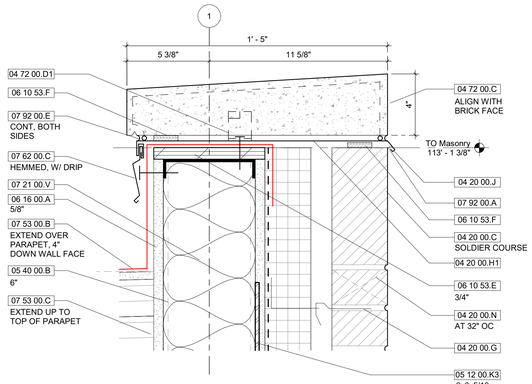
DRAWING NO

A-340



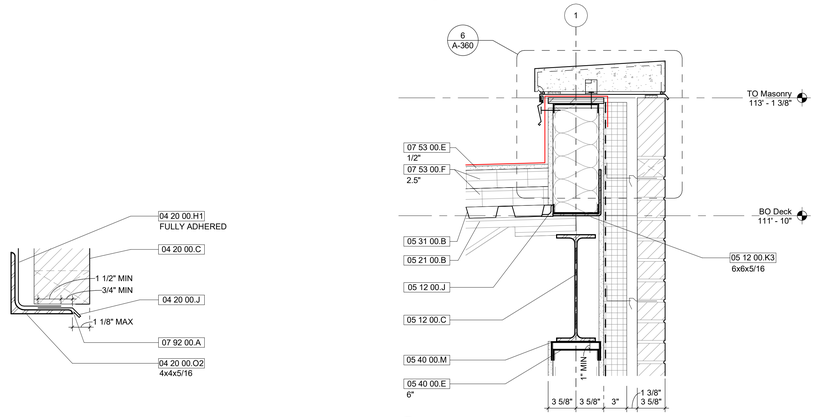
10 A-310 EXTERIOR ELEVATION DETAIL AT BRICK EXPANSION JOINT, TYP

SCALE: 1 1/2" = 1'-0"



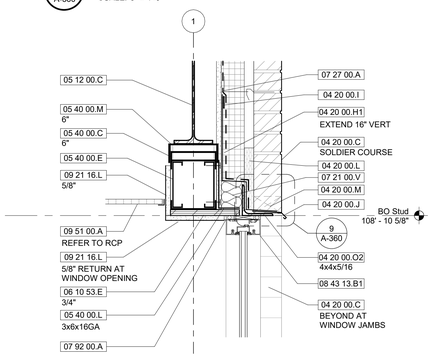
6 A-360 SECTION DETAIL AT COPING

SCALE: 3" = 1'-0"



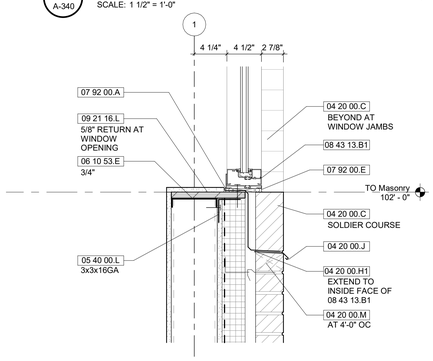
9 A-360 SECTION DETAIL AT TWO PIECE FLASHING

SCALE: 3" = 1'-0"



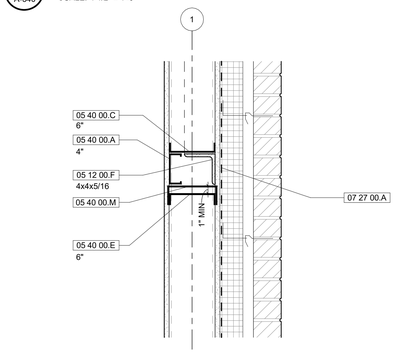
8 A-340 SECTION DETAIL AT STOREFRONT HEAD

SCALE: 1 1/2" = 1'-0"



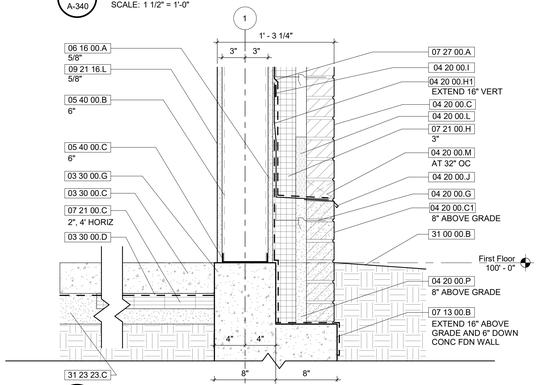
7 A-340 SECTION DETAIL AT STOREFRONT SILL

SCALE: 1 1/2" = 1'-0"



5 A-340 SECTION DETAIL AT ROOF

SCALE: 1 1/2" = 1'-0"



4 A-340 SECTION DETAIL AT DIAGONAL BRACING

SCALE: 1 1/2" = 1'-0"

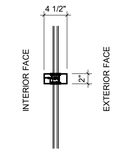
3 A-340 SECTION DETAIL AT EXTERIOR FOUNDATION

SCALE: 1 1/2" = 1'-0"

Key Value	Keynote Text
03 30 00.C	Cast-in-Place Concrete Floor Slab, Refer to Structural
03 30 00.D	Underslab Vapor Retarder, Refer to Structural
03 30 00.G	Slab Isolation Joint Filler, Refer to Structural
04 20 00.C	Clay Facing Brick
04 20 00.C1	Solid Clay Facing Brick
04 20 00.G	Masonry Veneer Anchor
04 20 00.H1	Through Wall Flashing
04 20 00.I	Termination Bar
04 20 00.J	Stainless Steel Angled Drip with Hemmed Edge
04 20 00.K	Joint Filler
04 20 00.L	Cavity Mortar Control
04 20 00.M	Weep
04 20 00.N	Cavity Vent
04 20 00.O2	Prefabricated Galv Steel Lintels
04 20 00.P	Grout Solid
04 72 00.C	Cast Stone Coping
04 72 00.D1	Cast Stone Masonry Anchor with Split-Tail and Drive Anchor with Gasket, Include Compressible Material in Slot
05 12 00.C	Structural Steel Beam, Refer to Structural
05 12 00.F	Structural Steel Bracing, Refer to Structural
05 12 00.J	Structural Steel Angle, Refer to Structural
05 12 00.K3	Structural Steel Bent Plate, Refer to Structural
05 21 00.B	Open Web Joist, Refer to Structural
05 31 00.B	Steel Roof Deck, Refer to Structural
05 40 00.A	Cold-Formed Metal Framing
05 40 00.B	Cold-Formed Metal Stud
05 40 00.C	Cold-Formed Metal Track
05 40 00.E	Cold-Formed Metal Header
05 40 00.L	Cold-Formed Metal Angle
05 40 00.M	Movement Connection
05 50 00.D1	Steel Bent Plate
06 10 53.E	Preservative-Treated Wood
06 10 53.F	Shim
06 16 00.A	Sheathing
07 13 00.B	Self-Adhered Sheet Membrane
07 21 00.C	Extruded Polystyrene Board Insulation
07 21 00.H	Polyisocyanurate Board Insulation
07 21 00.V	Mineral Wool Blanket Thermal Insulation
07 27 00.A	Air Barrier
07 53 00.B	EPDM Membrane
07 53 00.C	Vapor Retarder
07 53 00.E	Cover Board
07 53 00.F	Insulation
07 62 00.C	Sheet Metal Counterflashing
07 92 00.A	Joint Sealant
07 92 00.E	Sealant and Backing Rod
08 43 13.B1	4 1/2" Aluminum-Framed Storefront with Insulating Glazing
09 21 16.L	Gypsum Wallboard
09 51 00.A	Acoustical Ceiling
31 00 00.B	Grade, Refer to Civil
31 23 23.C	4" Compacted Gravel Base, Refer to Civil

EXTERIOR FACE	R VALUE	U VALUE
• EXTERIOR AIR FILM	0.17	
• 1" INSULATING GLASS UNIT (088000)	3.84	0.26
• ALUMINUM-FRAMED STOREFRONT SYSTEM (084313) BOD: TUBELITE T14000 SERIES		
• INTERIOR AIR FILM	0.68	
	4.69	0.21

INTERIOR FACE



REQUIRED OVERALL U VALUE ASSEMBLY MAX: 0.36
REQUIRED OVERALL R VALUE ASSEMBLY MIN: 2.78

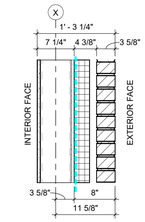
ACTUAL OVERALL U FACTOR: 0.21
ACTUAL OVERALL R VALUE: 4.69

2 EXTERIOR STOREFRONT ENERGY VALUES

SCALE: 1" = 1'-0"

EXTERIOR FACE	R VALUE
• EXTERIOR AIR FILM	00.17
• 4" NOMINAL FACING BRICK (042000)	00.44
• 1 3/8" AIR SPACE	01.00
• 3" POLYISOCYANURATE BOARD INSULATION (072100)	20.30
• AIR BARRIER (072700)	
• 5/8 GLASS-MAT-FACED GYPSUM WALL SHEATING (061600)	00.67
• 6" COLD-FORMED METAL FRAMING (054000)	
• 5/8 GYPSUM WALL BOARD (092116)	00.56
• INTERIOR AIR FILM	00.68
	23.82

INTERIOR FACE



REQUIRED OVERALL U VALUE ASSEMBLY MAX: 0.043
REQUIRED OVERALL R VALUE ASSEMBLY MIN: 23.0

ACTUAL OVERALL U VALUE: 0.042
ACTUAL OVERALL R VALUE: 23.82

1 EXTERIOR WALL SYSTEM ENERGY VALUES

SCALE: 1" = 1'-0"

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CHECKED BY **Checker**
CLIENT PROJ NO

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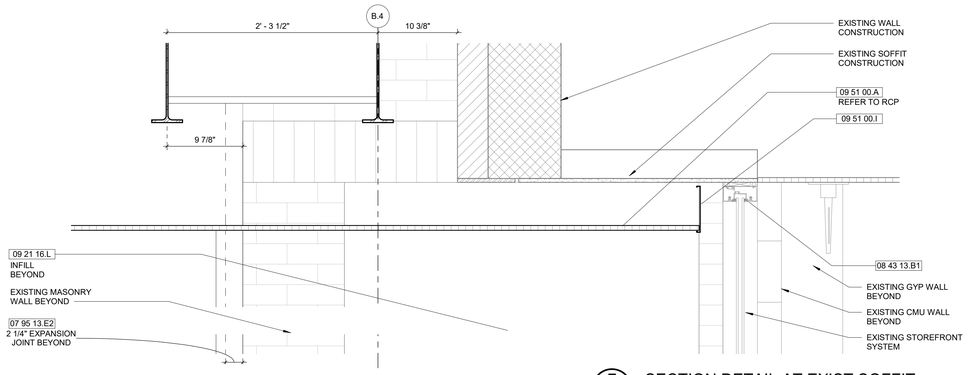
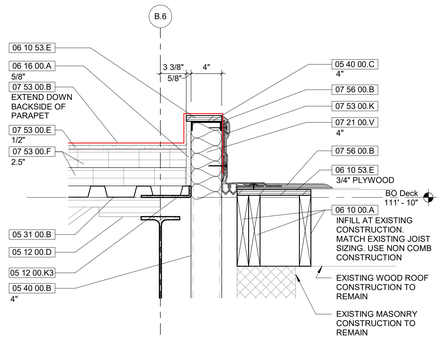
EXTERIOR WALL SECTION DETAILS

DRAWING NO

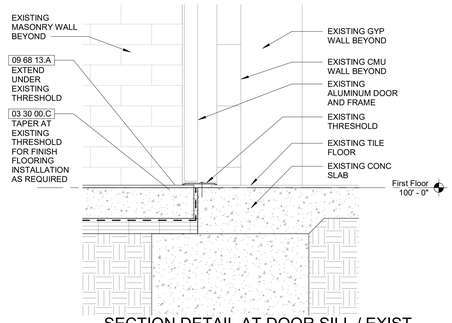
A-360



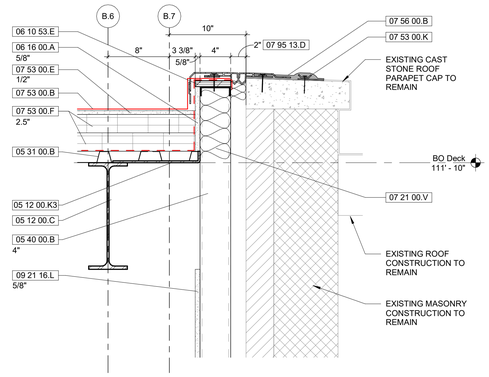
7 A-340 SECTION DETAIL AT EXIST SOFFIT
SCALE: 1 1/2" = 1'-0"



10 A-340 SECTION DETAIL AT COPING / EXIST ROOF
SCALE: 1 1/2" = 1'-0"



6 A-340 SECTION DETAIL AT DOOR SILL / EXIST SLAB
SCALE: 1 1/2" = 1'-0"



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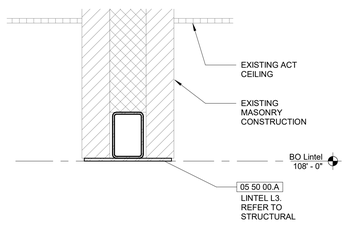
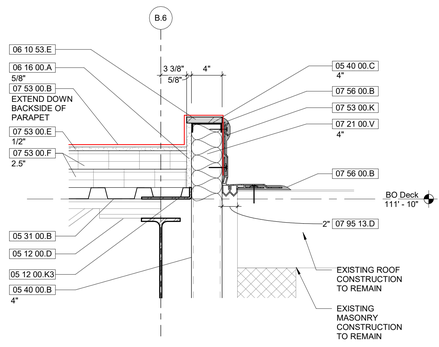
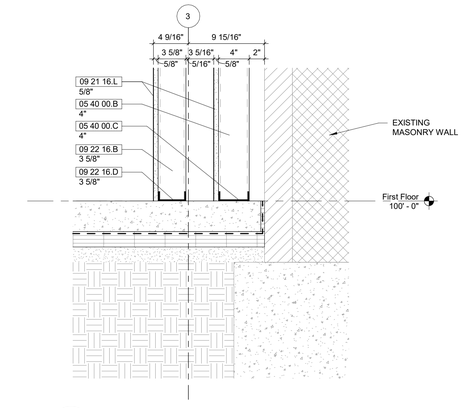
SCALE: 1 1/2" = 1'-0"



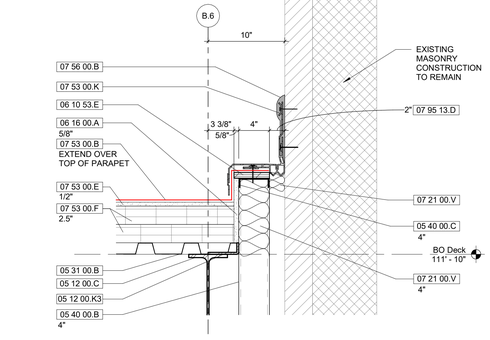
12 A-340 SECTION DETAIL AT LINTEL L3
SCALE: 1 1/2" = 1'-0"



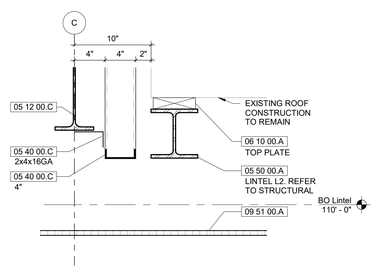
9 A-340 SECTION DETAIL AT COPING / EXIST ROOF
SCALE: 1 1/2" = 1'-0"



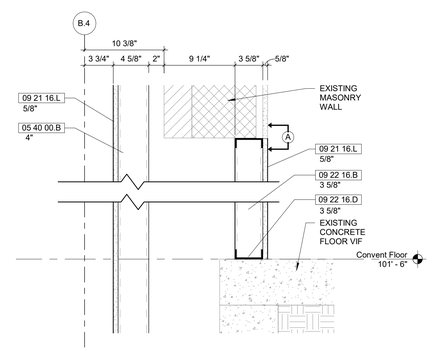
5 A-340 SECTION DETAIL AT SLAB EXIST WALL
SCALE: 1 1/2" = 1'-0"



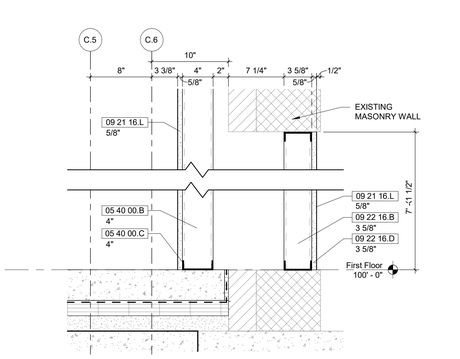
2 A-340 SECTION DETAIL AT ROOF / EXIST WALL
SCALE: 1 1/2" = 1'-0"



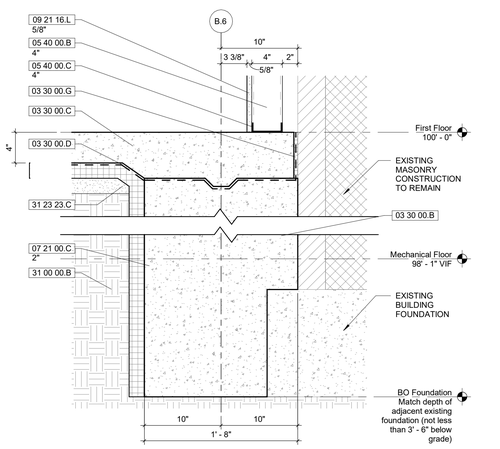
11 A-340 SECTION DETAIL AT LINTEL L2
SCALE: 1 1/2" = 1'-0"



8 A-340 SECTION DETAIL AT WALL / EXIST SLAB
SCALE: 1 1/2" = 1'-0"



4 A-340 SECTION DETAIL AT EXIST OPENING
SCALE: 1 1/2" = 1'-0"



1 A-340 SECTION DETAIL AT FOUNDATION / EXIST WALL
SCALE: 1 1/2" = 1'-0"

KEYNOTE LEGEND

Key Value	Keynote Text
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03 30 00.G	Slab Isolation Joint Filler, Refer to Structural
05 12 00.C	Structural Steel Beam, Refer to Structural
05 12 00.D	Structural Steel Truss, Refer to Structural
05 12 00.K3	Structural Steel Bent Plate, Refer to Structural
05 31 00.B	Steel Roof Deck, Refer to Structural
05 40 00.B	Cold-Formed Metal Stud
05 40 00.C	Cold-Formed Metal Track
05 50 00.A	Metal Fabrication
06 10 00.A	Rough Carpentry
06 10 53.E	Preservative-Treated Wood
06 16 00.A	Sheathing
07 21 00.C	Extruded Polystyrene Board Insulation
07 21 00.V	Mineral Wool Blanket Thermal Insulation
07 53 00.B	EPDM Membrane
07 53 00.E	Cover Board
07 53 00.F	Insulation
07 53 00.K	Metal Fastening Bar
07 56 00.B	Two-Component Polyurethane Resin
07 95 13.D	Extruded Heat-Welded Rubber Expansion Joint
07 95 13.E2	Aluminum Surface Mount Corner Coverplate System
08 43 13.B1	4 1/2" Aluminum-Framed Storefront with Insulating Glazing
09 21 16.L	Gypsum Wallboard
09 22 16.B	Metal Stud
09 22 16.D	Metal Runner
09 51 00.A	Acoustical Ceiling
09 51 00.I	Prefinished Metal Trim for Suspension System
09 68 13.A	Tile Carpeting
31 00 00.B	Grade, Refer to Civil
31 23 23.C	4" Compacted Gravel Base, Refer to Civil

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info@framework-e.com
(313) 484 1814

Consultant

Project Title

LAHC Workforce Education Resource and Development Center

5275 Kenilworth St, Dearborn, MI 48126

Seal

STATE OF MICHIGAN
GEORGE ATTIA
ARCHITECT
No. 1301044805
REGISTERED ARCHITECT

TAG	ISSUED	DATE
	50% Construction Documents	04-10-25
	90% Construction Documents	05-29-25
	Permit Review	06-13-25
	Issued For Construction	08-01-25

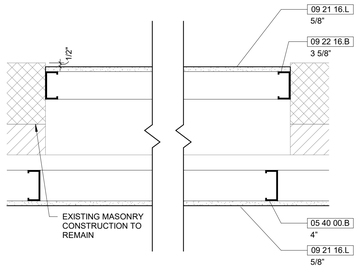
DRAWN BY **Author**
CHECKED BY **Checker**
CLIENT PROJ NO
Framework E PROJ NO **2024007**

EXTERIOR WALL SECTION DETAILS

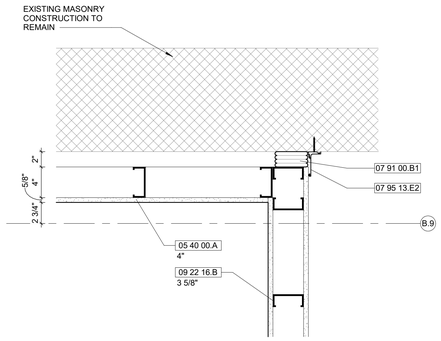
DRAWING NO

A-361

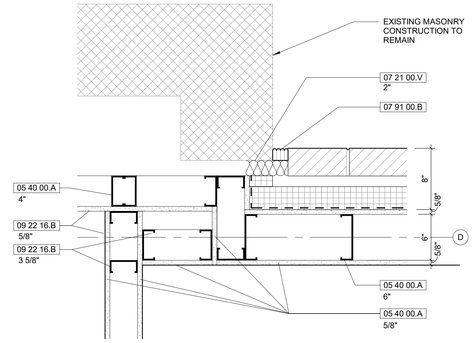
Key Value	Keynote Text
04 20 00.C	Clay Facing Brick
04 20 00.G	Masonry Veneer Anchor
05 12 00.B	Structural Steel Column, Refer to Structural
05 12 00.F	Structural Steel Bracing, Refer to Structural
05 40 00.A	Cold-Formed Metal Framing
05 40 00.B	Cold-Formed Metal Stud
05 40 00.C	Cold-Formed Metal Track
05 40 00.M	Movement Connection
06 16 00.A	Sheathing
07 21 00.H	Polyisocyanurate Board Insulation
07 21 00.V	Mineral Wool Blanket Thermal Insulation
07 27 00.A	Air Barrier
07 91 00.B	Precompressed Foam Seal
07 91 00.B1	Fire Rated Precompressed Foam Seal
07 92 00.E	Sealant and Backing Rod
07 92 00.F	Compressible Filler
07 95 13.E1	Aluminum Surface Mount Coverplate System
07 95 13.E2	Aluminum Surface Mount Corner Coverplate System
09 21 16.L	Gypsum Wallboard
09 22 16.B	Metal Stud
09 22 16.G	Metal Hat-Shaped Furring



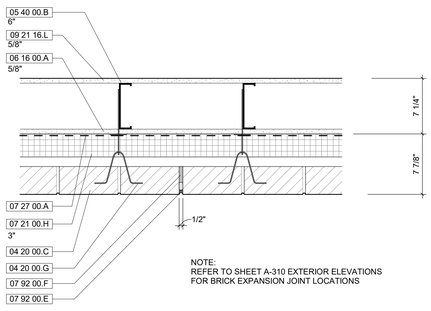
9 A-111 PLAN DETAIL AT EXIST WALL OPENING
SCALE: 1 1/2" = 1'-0"



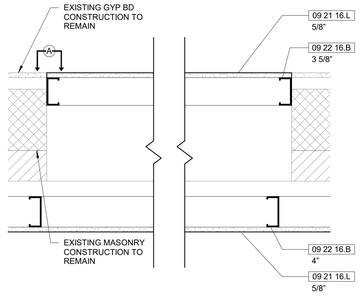
6 A-111 PLAN DETAIL AT WALL / EXISTING WALL
SCALE: 1 1/2" = 1'-0"



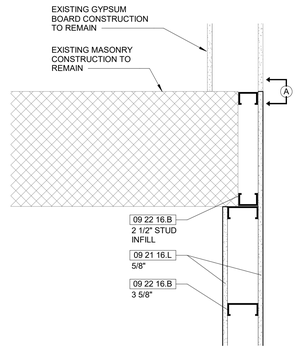
3 A-111 PLAN DETAIL AT EXIST SE CORNER
SCALE: 1 1/2" = 1'-0"



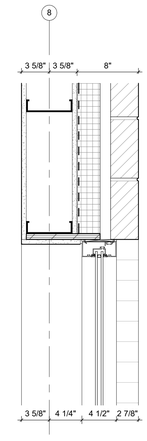
12 TYP TYP BRICK EXPANSION JOINT PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



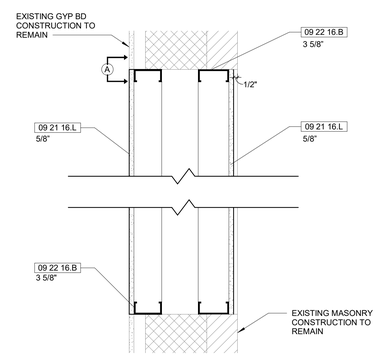
8 A-111 PLAN DETAIL AT EXIST WALL OPENING
SCALE: 1 1/2" = 1'-0"



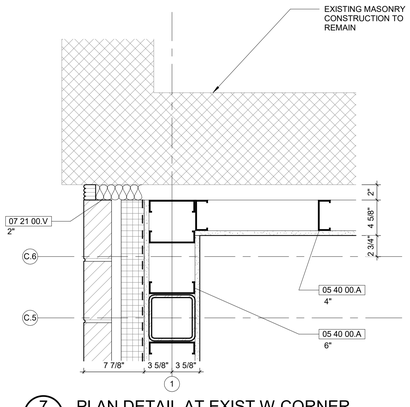
5 A-111 PLAN DETAIL AT EXIST WALL
SCALE: 1 1/2" = 1'-0"



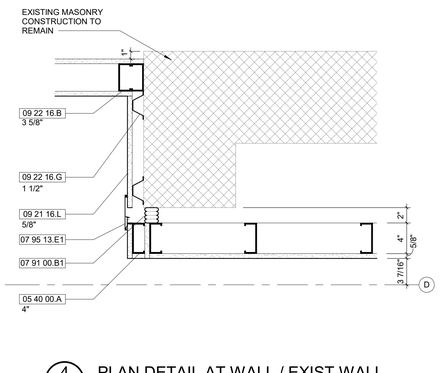
2 A-111 PLAN DETAIL AT WINDOW JAMB
SCALE: 1 1/2" = 1'-0"



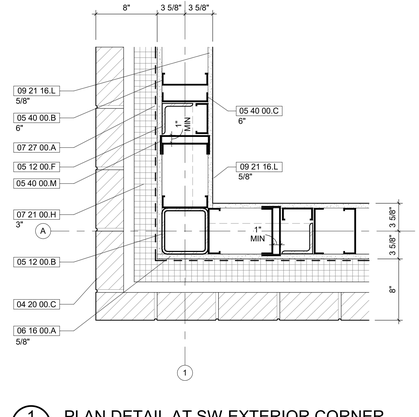
10 A-111 PLAN DETAIL AT EXIST WALL OPENING
SCALE: 1 1/2" = 1'-0"



7 A-111 PLAN DETAIL AT EXIST W CORNER
SCALE: 1 1/2" = 1'-0"



4 A-111 PLAN DETAIL AT WALL / EXIST WALL
SCALE: 1 1/2" = 1'-0"



1 A-111 PLAN DETAIL AT SW EXTERIOR CORNER
SCALE: 1 1/2" = 1'-0"

Client

LAHC - Leaders Advancing and Helping Communities

LAHC
EMBRACING GIVED - EMBRACING DIVERSITY

Architect

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Architects Leaders Community Builders

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EXTERIOR WALL PLAN DETAILS

DRAWING NO

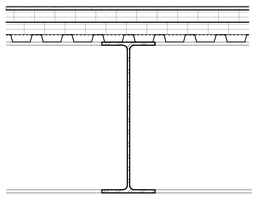
A-380

EXTERIOR FACE

	R VALUE
• EPDM MEMBRANE ROOFING SYSTEM (075300)	
• 1/2" HIGH COMPRESSIVE STRENGTH POLYISO COVER BOARD (B.O.D. SECURE SHIELD HD) (075300)	2.50
• TAPERED ROOF INSULATION (WHERE INDICATED - SEE ROOF PLAN) (075300)	
• ROOF INSULATION TWO (2) LAYERS 2.5", STAGGERED JOINTS, (B.O.D. CARLISLE POLYISO) (075300)	28.80
• STEEL ROOF DECKING (053100)	
	31.30

INTERIOR FACE

EXTERIOR FACE

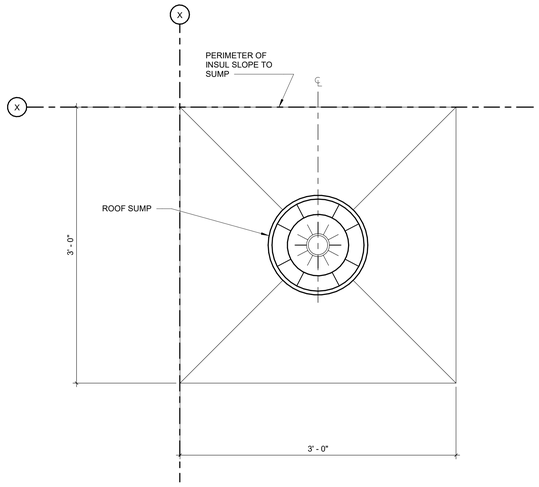


INTERIOR FACE

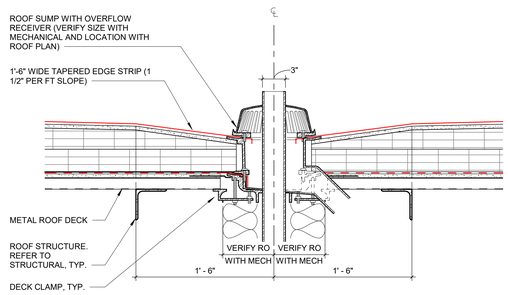
REQUIRED OVERALL U FACTOR ASSEMBLY MAX: 0.032
REQUIRED OVERALL R VALUE: ASSEMBLY MIN: 30

ACTUAL OVERALL U VALUE: 0.032
ACTUAL OVERALL R VALUE: 31.3

9 ROOF ENERGY VALUES
SCALE: 1" = 1'-0"



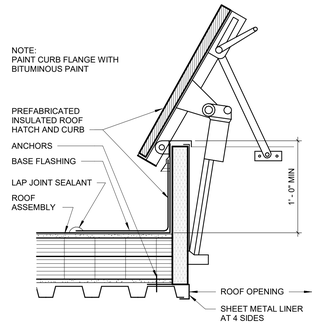
8 PLAN DETAIL AT ROOF SUMP
SCALE: 1 1/2" = 1'-0"



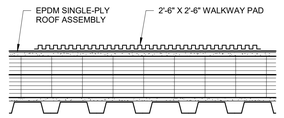
MECHANICAL NOTES:

ROOF SUMP:
LACQUERED FABRICATED DEEP SUMP ROOF DRAIN WITH NO HUB SIDE AND BOTTOM OUTLET, 15" DIAMETER ANCHOR FLANGE, LARGE CAST IRON WATERPROOFING MEMBRANE CLAMP RING WITH INTEGRAL GRAVEL STOP, AND STANDARD SELFLOCKING LOW PROFILE ALUMINUM DOME STRAINER. MIFAB MODEL R1203-SO-45

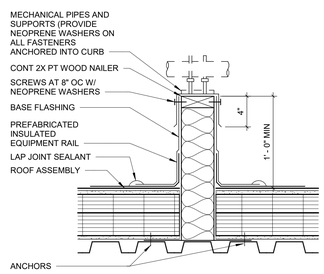
7 SECTION DETAIL AT ROOF SUMP
SCALE: 1 1/2" = 1'-0"



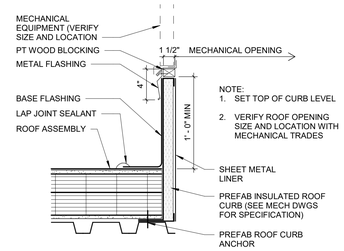
6 ROOF HATCH
SCALE: 1 1/2" = 1'-0"



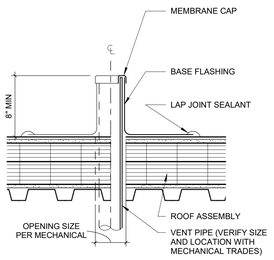
5 ROOF WALKWAY PAD
SCALE: 1 1/2" = 1'-0"



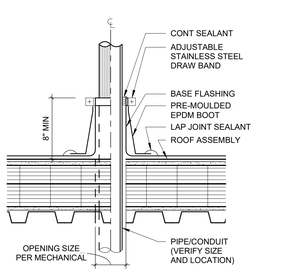
4 ROOF EQUIPMENT RAIL
SCALE: 1 1/2" = 1'-0"



3 PRE-FAB ROOF CURB
SCALE: 1 1/2" = 1'-0"



2 ROOF VENT FLASHING
SCALE: 1 1/2" = 1'-0"



1 PIPE AND CONDUIT FLASHING
SCALE: 1 1/2" = 1'-0"

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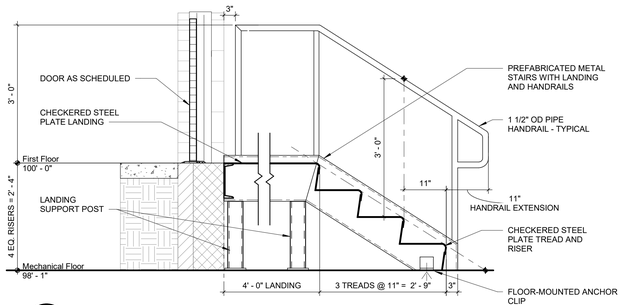
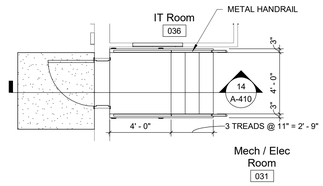
ROOF DETAILS

DRAWING NO

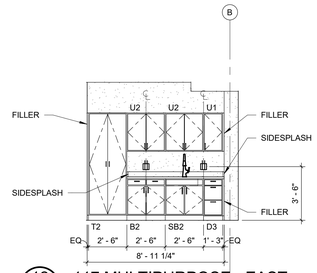
A-390



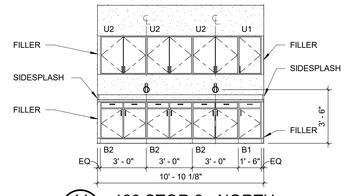
14 A-410 SECTION DETAIL AT STAIR
SCALE: 3/4" = 1'-0"



13 A-111 ENLARGED FLOOR PLAN
SCALE: 1/4" = 1'-0"



12 A-111 117 MULTIPURPOSE - EAST
SCALE: 1/4" = 1'-0"



11 A-111 120 STOR 2 - NORTH
SCALE: 1/4" = 1'-0"

INTERIOR ELEVATION NOTES

1. PROVIDE FINISHES AS INDICATED IN ROOM FINISH SCHEDULES. REFER TO SHEET **A-711** FOR ADDITIONAL INFORMATION.
2. PROVIDE TOILET ACCESSORIES AS OUTLINED ON THIS SHEET.
3. REFER TO SPECIFICATION SECTION 102800 FOR TOILET ACCESSORY INFORMATION.
4. PROVIDE PROPER FIRE-RETARDANT TREATED WOOD WALL BLOCKING OR METAL BACKING PLATE AS REQUIRED FOR TOILET ACCESSORIES. REFER TO DETAIL 4/A-600.
5. REFER TO SHEET **A-111** FOR PARTITION TYPES.
6. REFER TO SHEET **A-540** FOR MILLWORK DETAILS.

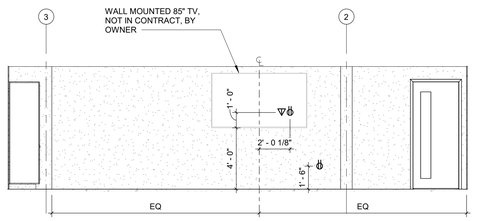
INTERIOR ELEVATION LEGEND

- DUPLEX RECEPTACLE, REFER TO ELECTRICAL
- DUPLEX RECEPTACLE WITH GROUND FAULT, REFER TO ELECTRICAL
- COMBINATION DATA AND TELEPHONE OUTLET, REFER TO ELECTRICAL

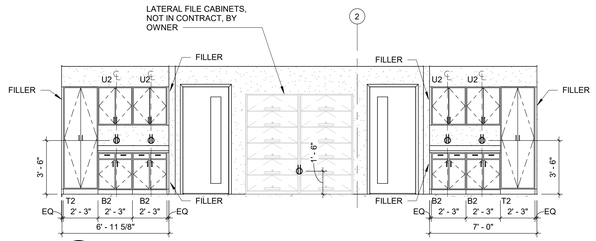
TOILET ACCESSORY TAG LEGEND

TA-1	TOILET PAPER DISPENSER, OF / CI
TA-3	42" HORIZONTAL GRAB BAR, CF / CI
TA-4	24" HORIZONTAL GRAB BAR, CF / CI
TA-5	18" VERTICAL GRAB BAR, CF / CI
TA-6	SOAP DISPENSER, OF / OI
TA-7	PAPER TOWEL DISPENSER, OF / OI
TA-9	WASTE RECEPTACLE, OF / OI
TA-10	WALL MOUNTED MIRROR, 18" W X 36" H, CF / CI
TA-13	UNDER-LAVATORY PIPE AND SUPPLY COVER, CF / CI
TA-19	ROBE HOOK, CF / CI
TA-25	COMBINATION UTILITY SHELF / MOP AND BROOM HOLDER, CF / CI

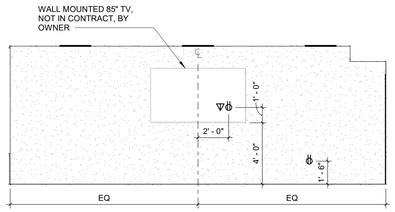
CF = CONTRACTOR FURNISHED
CI = CONTRACTOR INSTALLED
OF = OWNER FURNISHED
OI = OWNER INSTALLED



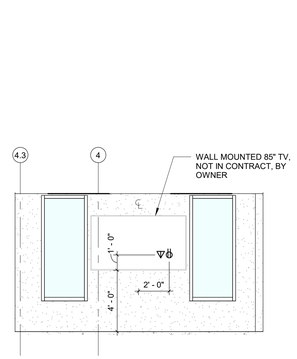
10 A-111 117 MULTIPURPOSE - SOUTH
SCALE: 1/4" = 1'-0"



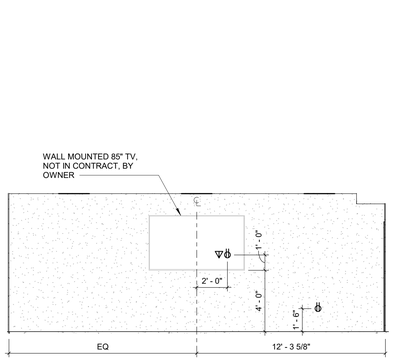
9 A-111 114 SHARED STAFF OFFICE - NORTH
SCALE: 1/4" = 1'-0"



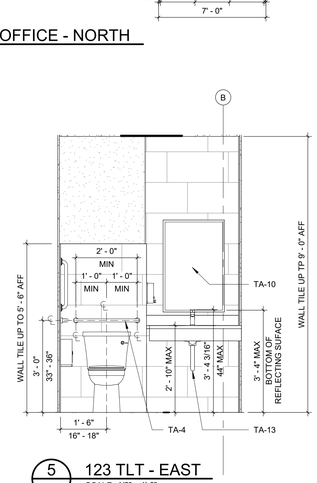
8 A-111 113 CLASSROOM - WEST
SCALE: 1/4" = 1'-0"



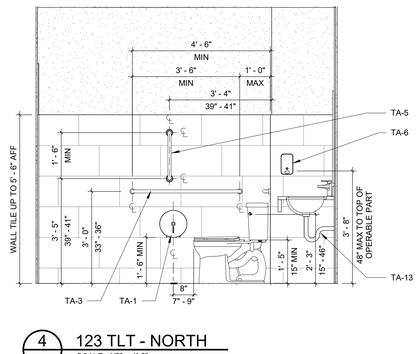
7 A-111 112 CLASSROOM - SOUTH
SCALE: 1/4" = 1'-0"



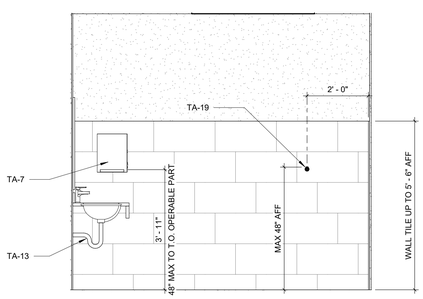
6 A-111 110 COMPUTER LAB - WEST
SCALE: 1/4" = 1'-0"



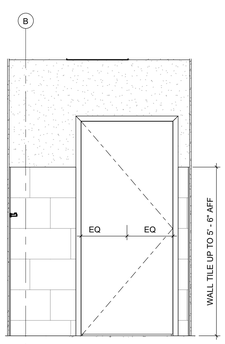
5 A-410 123 TLT - EAST
SCALE: 1/2" = 1'-0"



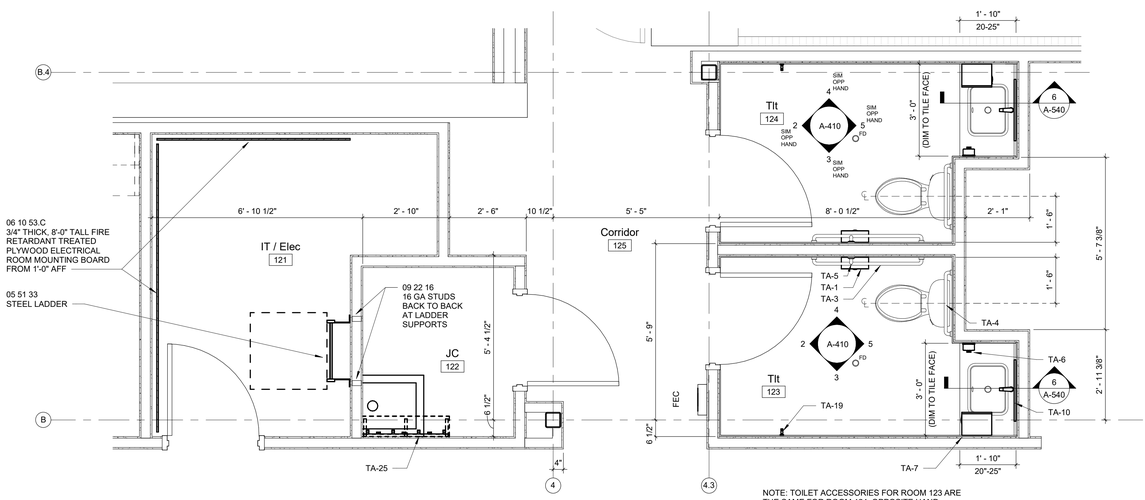
4 A-410 123 TLT - NORTH
SCALE: 1/2" = 1'-0"



3 A-410 123 TLT - SOUTH
SCALE: 1/2" = 1'-0"



2 A-410 123 TLT - WEST
SCALE: 1/2" = 1'-0"



1 A-111 ENLARGED FLOOR PLAN
SCALE: 1/2" = 1'-0"

NOTE: TOILET ACCESSORIES FOR ROOM 123 ARE THE SAME FOR ROOM 124, OPPOSITE HAND

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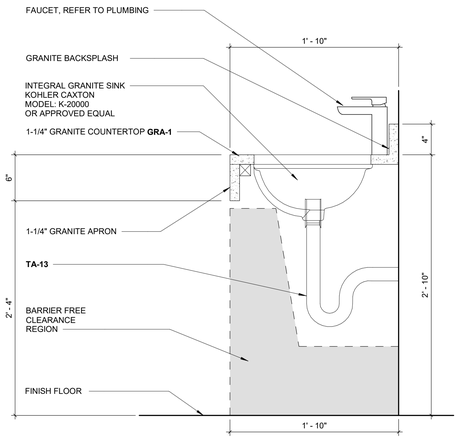
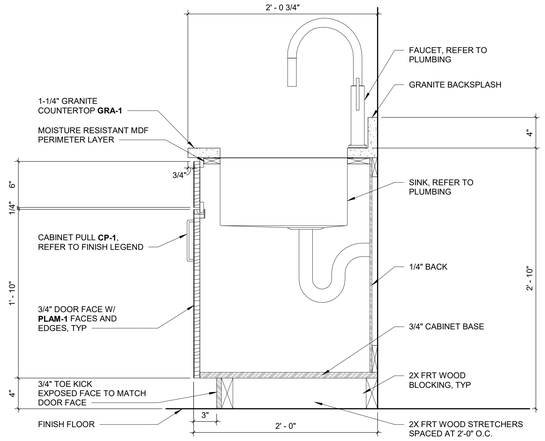
ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS

DRAWING NO

A-410



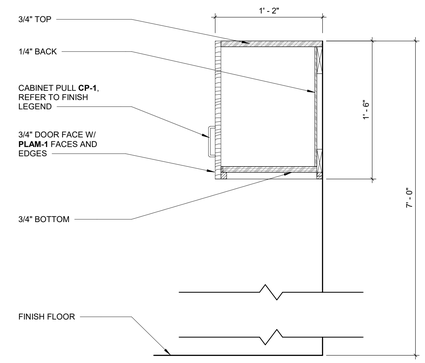
6 A-410 MILLWORK SECTION AT LAV
SCALE: 1 1/2" = 1'-0"



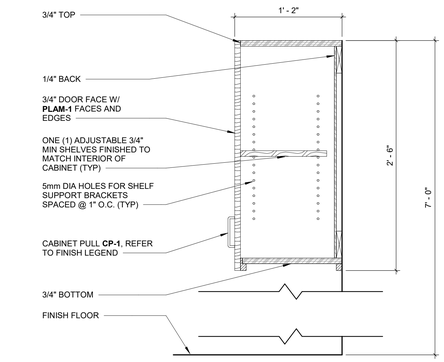
3 TYP MILLWORK SECTION SB2
SCALE: 1 1/2" = 1'-0"

MILLWORK NOTES

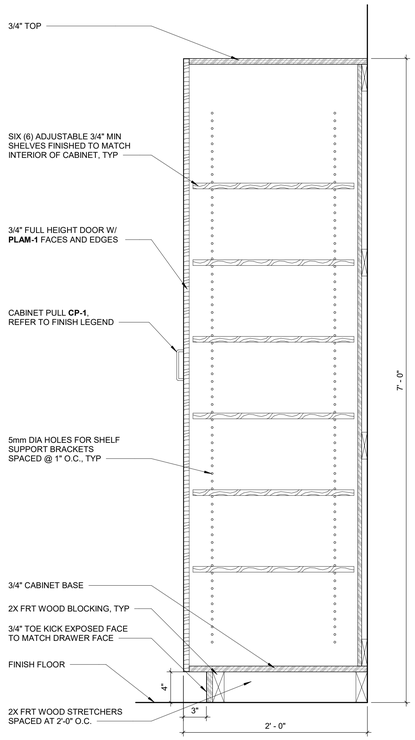
1. REFER TO SHEET **A-711** FOR MILLWORK FINISHES.
2. ALL MILLWORK FABRICATION TO BE 'CUSTOM' GRADE QUALITY, PER ARCHITECTURAL WOODWORK INSTITUTE.
3. ALL MILLWORK CABINET STYLE TO BE 'FLUSH OVERLAY', PER ARCHITECTURAL WOODWORK INSTITUTE.
4. UNDERSIDE WALL CABINET FINISH STYLE COMMENSURATE WITH CABINET STYLE SPECIFIED 'TYPE A'.
5. ALL MILLWORK TO RECEIVE VENEER AND/OR PLASTIC LAMINATE TO WRAP ALL EDGES OF 'EXPOSED' SURFACES.
6. FIELD VERIFY ALL ROOM DIMENSIONS BEFORE COMMENCEMENT OF MILLWORK FABRICATION.
7. ALL WOOD BLOCKING AND WOOD STUD CONSTRUCTION SHALL FIRE-RETARDANT TREATED WOOD.
8. PROVIDE EQUAL SIZE FILLER STRIPS AT WALLS WHERE CONTINUOUS RUN OF CASEWORK ABUTS TWO WALLS AND ADJACENT CABINETRY. FILLERS TO MATCH ADJACENT CABINETRY MATERIAL AND FINISH.
9. PROVIDE FINISHED BACK AND END PANELS TO COMPLETE THE ENCLOSURE OF ALL EXPOSED CABINETRY TO WALLS AND ADJACENT CABINETRY.
10. PROVIDE UNDER COUNTER SUPPORTS AT 4'-0" MAX.
11. SHELVES WITHIN CABINETRY ARE TO BE SUPPORTED ON DADOES INTO SIDE PANEL 3/8" DEEP.
12. ALL OPENINGS AND RECESSES IN COUNTERTOPS TO RECEIVE FINISHE EDGES, UNO.
13. ALL STONE AND SOLID SURFACING COUNTERTOPS AND SPLASHES TO RECEIVE EASED EDGE AT OUTSIDE CORNERS, UNO.
14. PRIME PAINT OR SEAL SURFACES IN CONTACT WITH CEMENTITIOUS MATERIALS.



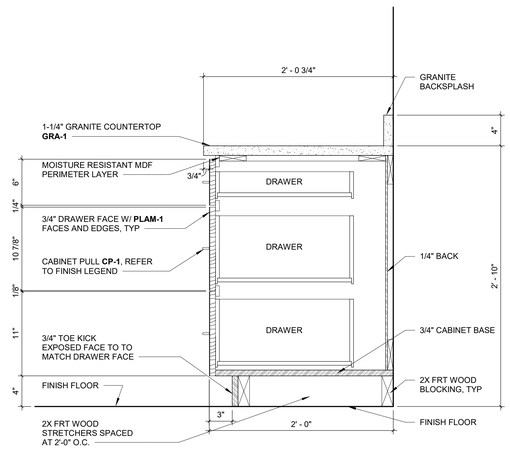
5 TYP MILLWORK SECTION UH1, UH2
SCALE: 1 1/2" = 1'-0"



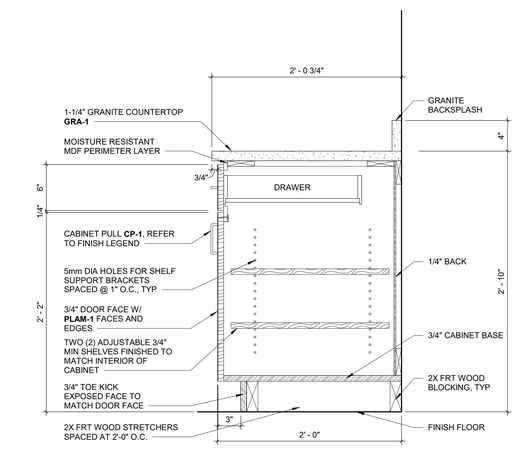
2 TYP MILLWORK SECTION U1, U2
SCALE: 1 1/2" = 1'-0"



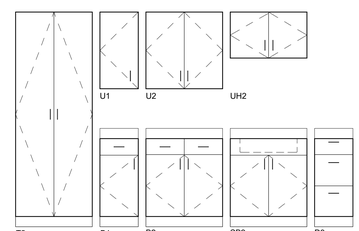
7 TYP MILLWORK SECTION T2
SCALE: 1 1/2" = 1'-0"



4 TYP MILLWORK SECTION D3
SCALE: 1 1/2" = 1'-0"



1 TYP MILLWORK SECTION B1, B2
SCALE: 1 1/2" = 1'-0"



MILLWORK TYPES
SCALE: 1/2" = 1'-0"

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GEORGE ATTIA
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No. 1301044805
REGISTERED ARCHITECT

TAG	ISSUED	DATE
	Schematic Design Development	02-28-25
	50% Construction Documents	04-10-25
	90% Construction Documents	05-29-25
	Permit Review	06-13-25
	Issued For Construction	08-01-25

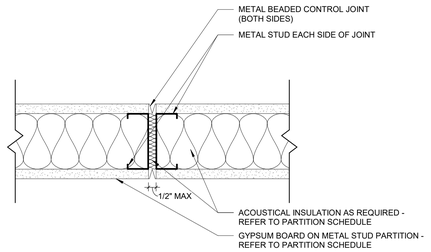
DRAWN BY **Author**
CHECKED BY **Checker**
CLIENT PROJ NO

Framework E PROJ NO **2024007**

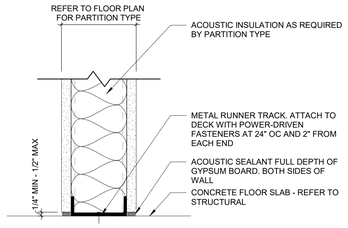
MILLWORK SECTIONS

DRAWING NO

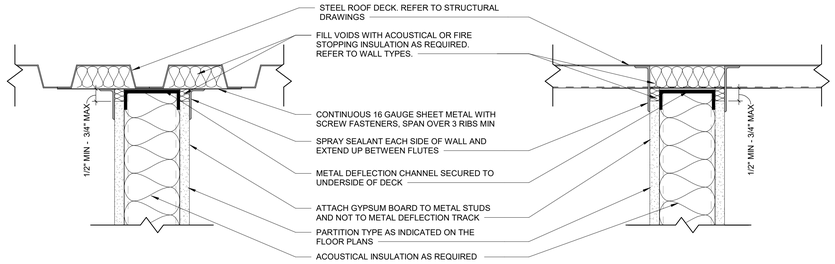
A-540



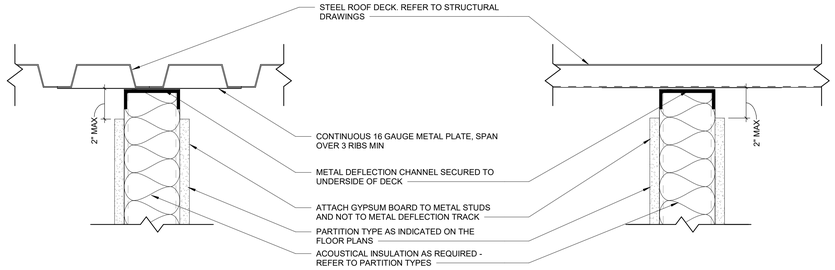
6 STUD PARTITION PLAN CONTROL JOINT - NON-RATED
SCALE: 3" = 1'-0"



5 STUD PARTITION SECTION BASE - NON-RATED
SCALE: 3" = 1'-0"



2 STUD PARTITION SECTION HEAD - ACOUSTIC
SCALE: 3" = 1'-0"

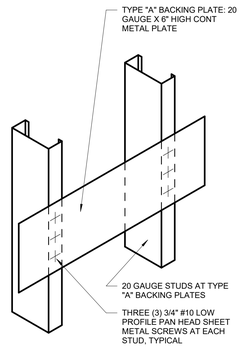


1 STUD PARTITION SECTION HEAD - NON ACOUSTIC
SCALE: 3" = 1'-0"

TYPICAL BACKING PLATE SCHEDULE

PROVIDE BACKING PLATES AS INDICATED ON THE DRAWINGS OR WHERE NOT INDICATED, ACCORDING TO THE FOLLOWING SCHEDULE. REFER TO DETAILS ELSEWHERE IN THE SET OF DRAWINGS FOR THE SUPPORT OF WALL MOUNTED ITEMS IN EXCESS OF 200 POUNDS

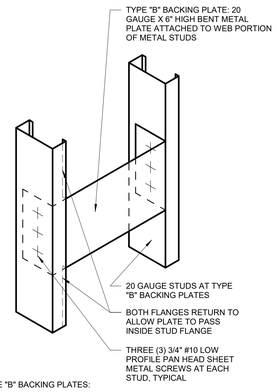
TYPE "A" BACKING PLATE



TYPE "A" BACKING PLATES:

-AT DOOR STOPS AND BUMPER RAILS
-AT TOILET ACCESSORIES, MIRRORS, COAT HOOKS, ETC
-AT ALL UPPER WALL HUNG CABINETS
-AT ALL BASE CABINETS
-AT WALL MOUNTED ASDJUSTABLE SHELVING
-AT ALL WALL MOUNTED HANDRAILS

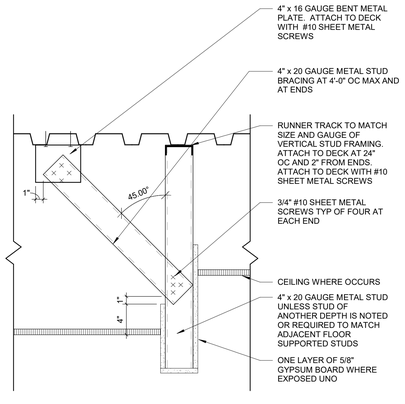
TYPE "B" BACKING PLATE



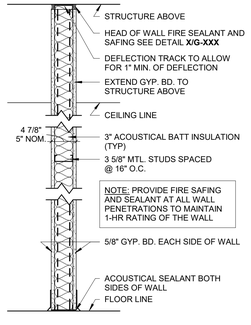
TYPE "B" BACKING PLATES:

TYPE "B" BACKING PLATE SHALL SUPPORT THE SAME ITEMS AS TYPE "A" BACKING PLATE BUT USE WHERE APPEARENCE IS THE MAIN CONCERN SUCH AS LOBBIES AND OTHER HIGH DESIGN AREAS

4 STUD PARTITION - TYPICAL BACKING PLATE
SCALE: 3" = 1'-0"



3 TYPICAL STUD KNEE BRACE
SCALE: 1 1/2" = 1'-0"



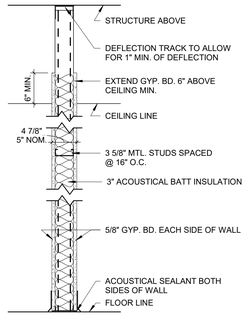
1A3A **PARTITION - 1-HR FIRE-RATED ACOUSTIC - GWB**
UL DESIGN No. U419 AND STC 49 PER SA-870717

1A3 **PARTITION - 1-HR FIRE-RATED - GWB**
UL DESIGN No. U419
OMIT ACOUSTICAL BATT INSULATION

1A6A **PARTITION - 1-HR FIRE-RATED ACOUSTIC - GWB**
UL DESIGN No. U419 AND STC 49 PER SA-870717
PROVIDE WITH 6" STUD

1A6 **PARTITION - 1-HR FIRE-RATED - GWB**
UL DESIGN No. U419
PROVIDE WITH 6" STUD
OMIT ACOUSTICAL BATT INSULATION

Partition Type 1A
SCALE: 1" = 1'-0"



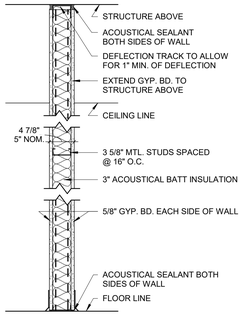
0B3A **PARTITION - NON-FRR ACOUSTIC - GWB**
STC

0B3 **PARTITION - NON-FRR - GWB**
OMIT ACOUSTICAL BATT INSULATION

0B6A **PARTITION - NON-FRR ACOUSTIC - GWB**
PROVIDE WITH 6" STUD
STC

0B6 **PARTITION - NON-FRR ACOUSTIC - GWB**
PROVIDE WITH 6" STUD
OMIT ACOUSTICAL BATT INSULATION

Partition Type 0B
SCALE: 1" = 1'-0"



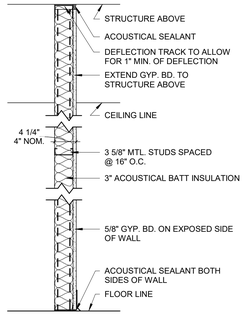
0A3A **PARTITION - NON-FRR ACOUSTIC - GWB**
STC 49 PER SA-870717

0A3 **PARTITION - NON-FRR - GWB**
OMIT ACOUSTICAL BATT INSULATION

0A6A **PARTITION - NON-FRR ACOUSTIC - GWB**
STC 49 PER SA-870717
PROVIDE WITH 6" STUD

0A6 **PARTITION - NON-FRR - GWB**
PROVIDE WITH 6" STUD
OMIT ACOUSTICAL BATT INSULATION

Partition Type 0A
SCALE: 1" = 1'-0"

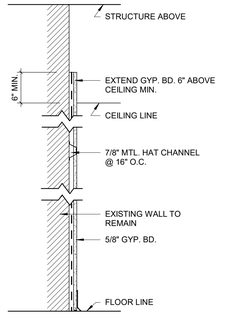


0F3A **PARTITION - CHASE - NON-FRR ACOUSTIC - GWB**
STC

0F3 **PARTITION - CHASE - NON-FRR - GWB**
OMIT ACOUSTICAL BATT INSULATION

0F4 **PARTITION - CHASE - NON-FRR - GWB**
OMIT ACOUSTICAL BATT INSULATION

Partition Type 0F
SCALE: 1" = 1'-0"



0H0 **FURRING - HAT CHANNEL - OVER EXISTING WALL - GWB**

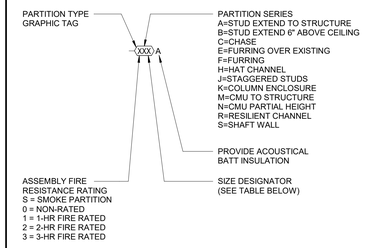
0H1 **FURRING - HAT CHANNEL - OVER EXISTING WALL - GWB**
PROVIDE WITH 1-1/2" HAT CHANNEL

0H3 **FURRING - HAT CHANNEL - OVER EXISTING WALL - GWB**
PROVIDE WITH 1-1/2" HAT CHANNEL

Partition Type 0H
SCALE: 1" = 1'-0"

INTERIOR PARTITION NOTES

1. REFER TO THE GENERAL INFORMATION FOR ABBREVIATIONS, SYMBOLS, AND MATERIAL LEGEND.
2. REFER TO THE LIFE SAFETY PLANS FOR PARTITION FIRE RESISTANCE RATINGS.
3. REFER TO ROOM FINISH SCHEDULE FOR WALL FINISHES AND WALL BASE.
4. PARTITION TYPES ARE INDICATED ON THE FLOOR PLANS BY THE FOLLOWING SYMBOL:



MATERIAL	DESIGNATION SIZE	ACTUAL SIZE	SPACING
CONCRETE MASONRY UNITS	4 6 8 10 12	3 5/8" 5 5/8" 7 5/8" 9 5/8" 11 5/8"	N/A
METAL STUDS	1 2 3 4 6 8	1 5/8" 2 1/2" 3 5/8" 4" 6" 8"	16" OC
HAT-SHAPED CHANNEL	0 1	7/8" 1 1/2"	16" OC
SHAFT WALL C-H STUDS	2 4	2 1/2" 4"	24" OC
SHAFT WALL E STUDS	2 4 6	2 1/2" 4" 6"	24" OC

5. SUBSTITUTE 5/8" THICK TYPE X MOISTURE RESISTANT GYPSUM BOARD AT LOCATIONS TO RECEIVE A TILE WALL FINISH; WITHIN 2 FEET HORIZONTALLY AND 4 FEET VERTICALLY OF JANITORS SINKS. AT ALL OTHER LOCATIONS AS INDICATED BY THE ROOM FINISH SCHEDULE, SUBSTITUTE CEMENTITIOUS BACKER UNITS (AND ADD OVER GYPSUM BOARD FACE LAYER AT FIRE RATED PARTITIONS) AT ALL SHOWER, BATHTUB AND POOL LOCATIONS.
6. ALL NON-LOAD BEARING METAL WALL FRAMING SHALL BE BASED ON TOTAL STUD HEIGHT. REFER TO SPECIFICATION SECTIONS 05 4000 - COLD-FORMED METAL FRAMING, 09 2116 - GYPSUM BOARD ASSEMBLIES AND 09 2216 - NON-STRUCTURAL METAL FRAMING FOR ADDITIONAL REQUIREMENTS.
7. WHERE ROOMS WITH DIFFERENT PARTITION REQUIREMENTS ARE ADJACENT, THE PARTITION WITH THE GREATER FIRE-RATING AND/OR STC SHALL BE USED BETWEEN THEM.
8. AT INTERSECTIONS OF DIS-SIMILAR PARTITON TYPES, THE HIGHEST FIRE RATED PARTITION IS TO RUN THROUGH THE INTERSECTION TO MAINTAIN ENCLOSURE. MAINTAIN RATING OF FIRE RATED PARTITION AT INTERSECTION WITH COLUMN ENCLOSURES BY EXTENDING FIRE RATED CLOSURE AS REQUIRED.
9. FIRE-RATED PARTITIONS SHALL BE CONSTRUCTED ACCORDING TO THE FIRE TEST INDICATED. NO SUBSTITUTIONS OF MATERIALS OR DEVIATIONS FROM CONSTRUCTION ARE ALLOWED. ADDITIONAL LAYERS MAY BE REQUIRED FOR ACOUSTICAL OR OTHER REASONS AND MUST BE EXECUTED AS SHOWN.
10. STC RATINGS ARE MINIMUM ACOUSTICAL PERFORMANCE REQUIREMENT. SPECIFIC ACOUSTICAL TESTS ARE GIVEN FOR REFERENCE ONLY. SOUND ATTENUATION BLANKET THICKNESS SHALL BE AS FOLLOWS:
    A. 1 1/2 " FOR PARTITIONS WITH 1 5/8 " AND 2 1/2 " STUDS (INCLUDING SHAFTWALLS).
    B. 3" FOR PARTITIONS WITH 3 5/8 ", 4" OR 6" STUDS.
    C. 3" FOR SHAFTWALLS WITH 4" OR 6" STUDS UNO.
    D. AS REQUIRED FOR FIRE RATING.
11. DETAILS ARE DIAGRAMMATIC - PRECISE REQUIREMENTS OF TESTS ASSEMBLIES SHALL GOVERN.
12. PARTITIONS AND FURRING ARE DIMENSIONED TO THE FACE OF PARTITION ASSEMBLY (NOT TO THE FACE OF APPLIED FINISH OR FACE OF STUD), UNLESS NOTED OTHERWISE.
13. PARTITION TYPE INDICATIONS ARE INDEPENDENT OF APPLIED FINISHES. REFER TO ROOM FINISH SCHEDULE AND/OR THE DESIGNATIONS ON THE PLANS FOR ADDITIONAL INFORMATION REGARDING APPLIED FINISHES.
14. WHERE PARTITION TYPE DESIGNATION ON FLOOR PLANS IS INTERRUPTED BY DOOR OPENING, BORROWED LITE, GLAZED PARTITIONS, ETC., CONSTRUCTION ABOVE INTERRUPTION (AND WHERE APPLICABLE BELOW) IS TO BE THE SAME AS THAT DESIGNATED FOR THE PARITION IN WHICH THE INTERRUPTION OCCURED.
15. THE MINIMUM REQUIPMENT FOR CONSTRUCTION OF EACH PARTITION TYPE AS EXPRESSED BY THE INDICATED FIRE RATING REFERENCE ARE INCORPORATED BY REFERENCE AND ARE APPLICABLE TO THE WORK OF THIS PROJECT. HOWEVER, ADDITIONAL AND/OR MORE RESTRICTIVE REQUIREMENTS MAYBE INDICATED BY THE SPECIFICATIONS AND DRAWINGS. SUCH REQUIREMENTS ALSO APPLY AND SHALL GOVERN. SUCH REQUIREMENTS INCLUDE BUT ARE NOT LIMITED TO:
    A. USE 5/8" THICH TYPE X GYPSUM BOARD THROUGHOUT.
    B. USE 16" OC MAX STUD SPACING UNO. THE SPACING STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MAX SPACING.
    C. USE STUDS OF GUAGE AND DEPTH INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS. THE GUAGE AND/OR DEPTH STATED BY THE REFERENCE APPROVAL OR TEST REPORT IS THE MINIMUM GUAGE AND/OR DEPTH.
16. ALL NON-LOAD BEARING METAL WALL FRAMING SHALL BE 25 GUAGE MINIMUM UNO. REFER TO SPECIFICATION SECTIONS 092116 GYPSUM BOARD ASSEMBLIES AND 092216 NON-STRUCTURAL METAL FRAMING. MAXIMUM LATERAL LOAD OF 5 PSF (VERTICAL OR HORIZONTAL) APPLIES TO INTERIOR NON-LOADBEARING PARTITIONS ONLY.
17. PROVIDE 20 GUAGE METAL WALL FRAMING IN LIEU OF 25 GUAGE METAL FRAMED WALLS WITH ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE THAT EXCEED THE HEIGHT LIMITS AS LISTED BELOW:
    A. 2-1/2" METAL STUDS: 10'-9"
    B. 3-5/8" METAL STUDS: 14'-0"
    C. 4" METAL STUDS: 15'-0"
    D. 6" METAL STUDS: 20'-0"
18. ADDITIONALY, PROVIDE 20 GUAGE METAL WALL FRAMING AT THE FOLLOWING LOCATIONS:
    A. DOUBLE STUD JAMB ASSEMBLIES AT OPENINGS.
    B. FIRST STUD IN THE PARITION BEYOND THE DOUBLE STUD JAMB ASSEMBLY. LOCATE STUD 6" FROM DOUBLE STUD ASSEMBLY.
    C. STUDS TO WHICH CEMENTITOUS BACKER UNITS ARE INSTALLED FOR WET AREAS
    D. STUDS TO WHICH REINFORCING GYPSUM WALL PANELS ARE ATTACHED.
    E. STUDS TO WHICH WALL MOUNTED EQUIPMENT, INCLUDING OWNER FURNISHED EQUIPMENT, IS FASTENED TO.
    F. STUD INFILL AND SILL TRACK BELOW WINDOW AND BORROWED LITE OPENINGS.
    G. STUDS INSTALLED FOR OPENING HEADS BETWEEN DOUBLE STUD JAMB ASSEMBLIES.
19. PROVIDE 16 GUAGE METAL WALL FRAMING IN LIEU OF 20 GUAGE METAL FRAMED WALLS WITH ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE THAT EXCEED THE HEIGHT LIMITS AS LISTED BELOW:
    A. 2-1/2" METAL STUDS: 12'-0"
    B. 3-5/8" METAL STUDS: 15'-7"
    C. 4" METAL STUDS: 16'-10"
    D. 6" METAL STUDS: 22'-10"

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EMBRACING LIVES - EMBRACING DIVERSITY

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Framework E PROJ NO **2024007**

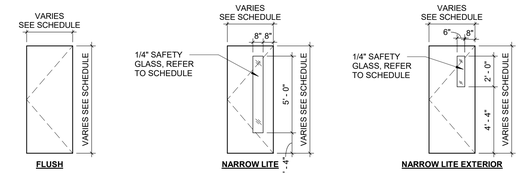
PARTITION TYPES AND DETAILS

DRAWING NO

A-600

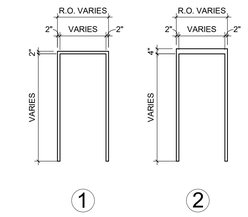
DOOR SCHEDULE

DOOR NO.	DOOR TYPE	DOOR SIZE			DOOR MAT'L	FRAME TYPE	FRAME MAT'L	DETAILS			LOUVER		FIRE RATING	GLAZING	HW SET	DOOR HARDWARE TYPE	COMMENTS
		WIDTH	HEIGHT	THICK				HEAD	JAMB	SILL	WIDTH	HEIGHT					
027	F	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	-	-	4.0	CL	
031	F	3' - 0"	7' - 0"	0' - 1 3/4"	HM	2	HM	10/A-620	8/A-620	5/A-460	-	-	-	-	1.0	EN	
036	F	3' - 0"	7' - 0"	0' - 1 3/4"	HM	1	KD	4/A-620	3/A-620	-	-	-	-	-	8.0	ST	
101	N	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620		-	-	-	GT-1	3.0	EN PANIC	CARD READER
102	N	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	GT-3	4.5	CL	
103	N	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	GT-3	7.0	OFF	
104	N	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	GT-3	7.0	OFF	
105	N	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	GT-3	7.0	OFF	
106	N	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	GT-3	5.0	PR IND	
107	N	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	GT-3	8.0	ST	
108	N	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	GT-3	4.5	CL	
110	N	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	GT-3	4.5	CL	
111	N	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	GT-3	4.5	CL	
112	N	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	GT-3	4.5	CL	
113	N	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	GT-3	4.5	CL	
114	N	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	GT-3	4.5	CL	
114.A	N	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	GT-3	4.5	CL	
115	N	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	GT-3	7.0	OFF	
116	F	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	-	-	8.0	ST	
117	N	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	GT-3	4.5	CL	
120	F	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	-	8.0	ST	
121	F	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	-	8.0	ST	
122	F	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	-	8.0	ST	UNDERCUT DOOR 1/2". REFER TO MECH M-111 KEYNOTE 5
123	F	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	-	5.0	PR IND	UNDERCUT DOOR 1/2". REFER TO MECH M-111 KEYNOTE 5
124	F	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620	-	-	-	20 MIN	-	5.0	PR IND	UNDERCUT DOOR 1/2". REFER TO MECH M-111 KEYNOTE 5
125	NE	3' - 0"	7' - 0"	0' - 1 3/4"	HM	2	HM	9/A-620	7/A-620	6/A-620	-	-	-	GT-1	2.0	EN PANIC	CARD READER
125.A	N	3' - 0"	7' - 0"	0' - 1 3/4"	WD	1	KD	4/A-620	3/A-620		-	-	-	GT-1	9.0	EN PANIC	CARD READER
125.B	-	-	-	-	-	-	-	-	-	5/A-361	-	-	-	-	-	EX	ETR, RELOCATE EXISTING CARD READER PER PLAN 1 / A-111



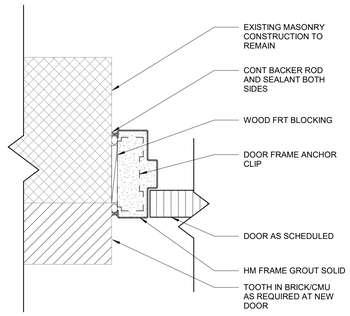
DOOR TYPES

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

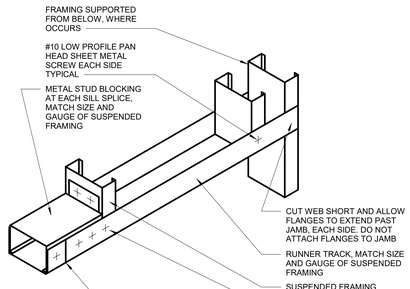


DOOR FRAME TYPES

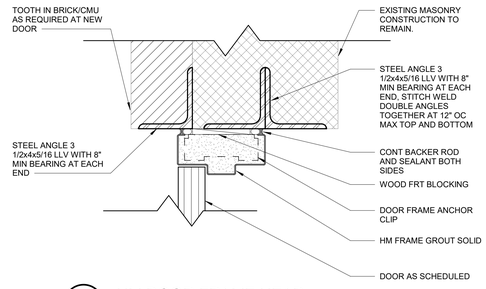
SCALE: 1/4" = 1'-0"



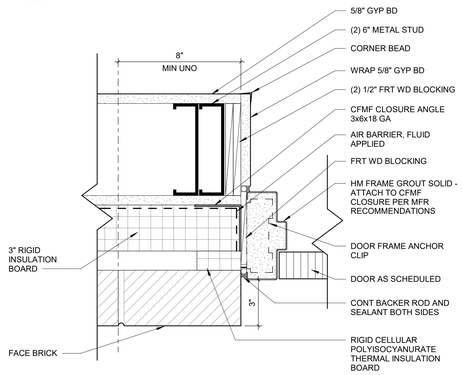
8 HM DOOR FRAME JAMB
SCALE: 3" = 1'-0"



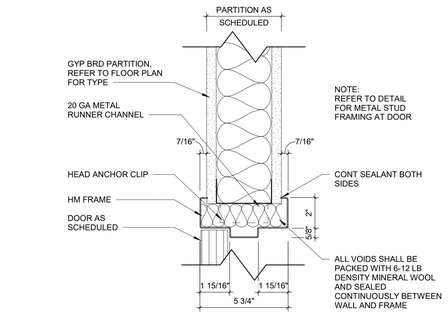
5 STUD PARTITION - TYPICAL SILL REQUIREMENTS
SCALE: 3" = 1'-0"



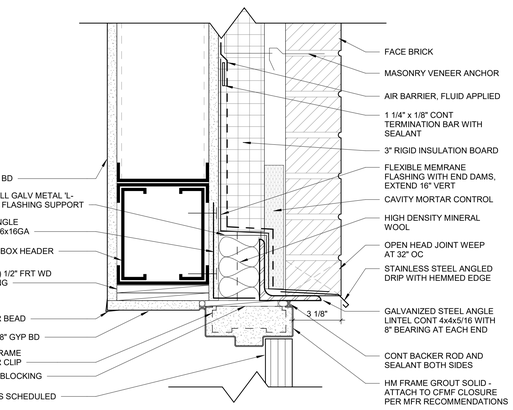
10 HM DOOR FRAME HEAD
SCALE: 3" = 1'-0"



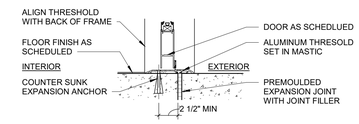
7 HM DOOR FRAME JAMB
SCALE: 3" = 1'-0"



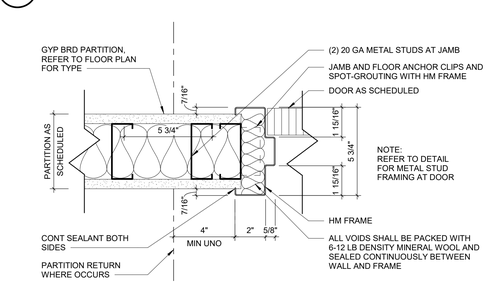
4 HM DOOR FRAME HEAD
SCALE: 3" = 1'-0"



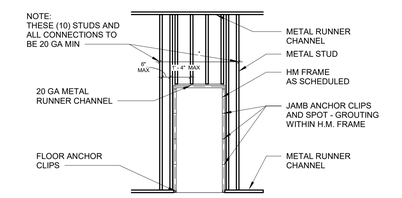
9 HM DOOR FRAME HEAD
SCALE: 3" = 1'-0"



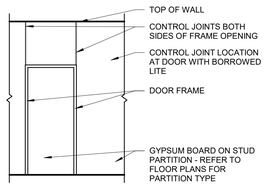
6 EXTERIOR DOOR SILL
SCALE: 1 1/2" = 1'-0"



3 HM DOOR FRAME JAMB
SCALE: 3" = 1'-0"



2 METAL STUD FRAMING AT DOOR
SCALE: 1/4" = 1'-0"



1 STUD PARTITION ELEVATION - CONTROL JOINTS AT OPENING
SCALE: 1/4" = 1'-0"

DOOR NOTES

1. FRAME FOR ALUMINUM STOREFRONT DOORS PROVIDED BY STOREFRONT/CURTAIN WALL/GLAZING MANUFACTURER. DOOR SIZE TO ALIGN WITH STOREFRONT/CURTAIN WALL SYSTEM. DOOR AND HARDWARE FINISH TO MATCH ADJACENT STOREFRONT/CURTAIN WALL SYSTEM.
2. ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
3. LATCHES HANDLES, PANIC BARS, AND ALL DOOR HARDWARE WILL COMPLY WITH SECTION 7.2 OF NFPA 101 PER THE SPECIFICATIONS.
4. MAXIMUM EFFORT TO OPERATE EXTERIOR OR INTERIOR DOORS WITH CLOSERS SHALL NOT EXCEED 5 POUNDS. THIS MAY BE INCRESED TO 15 POUNDS FOR FIRE RATED DOORS.
5. THE BOTTOM 10 INCHES OF ALL DOORS SHALL HAVE A SMOOTH, UNITERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
6. CONTRACTOR TO VERIFY WALL THICKNESS PRIOR TO ORDERING DOOR FRAMES.
7. HEAD, SILL AND JAMB DETAILS LOCATED ON SHEET **A-630.**
8. PROVIDE LINTELS AT ALL NEW MASONRY OPENINGS.
9. PROVIDE CONTINUOUS SEALANT AT ALL WINDOW FRAMES FOR THE ENTIRE PERIMETER TO ADJACENT WALLS.
10. PROVIDE CONTINUOUS SEALANT AT ENTRANCE THRESHOLD SILLS TO THE FINISH FLOOR.
11. REFER TO STRUCTURAL FOR LINTEL SIZES AND REQUIREMENTS.

MATERIAL SYMBOLS

AA	ANODIZED ALUMINUM
ALUM	ALUMINUM
ETR	EXISTING TO REMAIN
GL	GLASS
HM	HOLLOW METAL
KD	KNOCKDOWN HOLLOW METAL
MTL	METAL
PR	PAIR OF DOORS
PT	PAINT
STL	STEEL
WD	WOOD

INTERIOR GLASS TYPES

NOTE: ALL GLASS TYPES TO BE SAFETY GLASS, UNO

GT-3	1/4" MIN TEMPERED CLEAR GLAZING

DOOR FUNCTION LEGEND

DOOR TAG TYPES

101	ROOM NUMBER
101 / EN	ROOM NUMBER HARDWARE FUNCTION
101 / EN / PANIC	ROOM NUMBER HARDWARE FUNCTION ADDITIONAL FUNCTION
CR	CARD READER LOCATION

HARDWARE FUNCTION TYPES

ST	STOREROOM (ALWAYS UNLOCKED FROM INSIDE. ALWAYS NEED KEY FROM OUTSIDE)
CL	CLASSROOM (LOCKED FROM OUTSIDE. KEY CAN ALLOW DOOR TO REMAIN UNLOCKED)
PR IND	PRIVACY INDICATOR (SINGLE TOILET ROOMS)
OFF	OFFICE (LOCKED FROM OUTSIDE. THUMB TURN/BUTTON CAN ALLOW DOOR TO REMAIN UNLOCKED. KEY CAN UNLOCK DOOR)
EN	ENTRY (LOCKED FROM OUTSIDE. CAN ALLOW DOOR TO REMAIN UNLOCKED FROM INSIDE. ENTRY KEY CAN ALLOW ACCESS BUT WILL NOT UNLOCK)
EO	EXISTING OPENING (HARDWARE TO REMAIN)
EX	EXISTING DOOR
NL	NIGHT LATCH (FINGER PULL HANDLE WITH DEADBOLT. NEED KEY TO UNLOCK.)
CR	CARD READER
P/P	PUSH/PULL (PUSH PLATE / PULL BAR, NO LATCH, NO LOCK)
PASS	PASSAGE (LATCH, NO LOCK)
PANIC	INDICATES PANIC HARDWARE IS REQUIRED

Client

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EMBRACING LIVES - EMBRACING DIVERSITY

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Seal

STATE OF MICHIGAN
GEORGE ATTIA
ARCHITECT
No. 1301044805
REGISTERED ARCHITECT

TAG	ISSUED	DATE
	Schematic Design Development	02-28-25
	50% Construction Documents	04-10-25
	90% Construction Documents	05-29-25
	Permit Review	06-13-25
	Issued For Construction	08-01-25

DRAWN BY	Author
CHECKED BY	Checker
CLIENT PROJ NO	
Framework E PROJ NO	2024007

DOOR SCHEDULE AND DETAILS

DRAWING NO

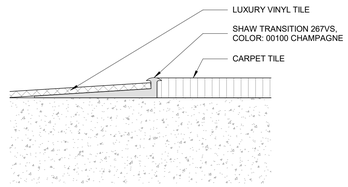
A-620

ROOM FINISH SCHEDULE

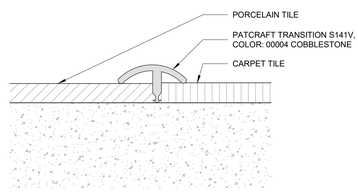
ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING		COMMENTS
				NORTH	EAST	SOUTH	WEST	MATL	HEIGHT	
013	Vestibule									PAINT WALL WHERE INFILL OCCURS TO MATCH EXISTING. MATCH EXISTING VESTIBULE TILE, REFER TO FINISH FLOOR PLAN FOR EXTENTS
024	Corridor									PAINT WALL WHERE INFILL OCCURS TO MATCH EXISTING
025	Break Room									PAINT WALL WHERE INFILL OCCURS TO MATCH EXISTING
026	File Room									PAINT WALL WHERE INFILL OCCURS TO MATCH EXISTING
027	Classroom									PAINT WALL WHERE INFILL OCCURS TO MATCH EXISTING
031	Mech / Elec Room									PAINT WALL WHERE INFILL OCCURS TO MATCH EXISTING
036	IT Room									PAINT WALL WHERE INFILL OCCURS TO MATCH EXISTING
100	Corridor	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	
101	Lobby / Waiting Area	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	
102	Group Room	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	
103	Intake Room	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	
104	Intake Room	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	
105	Director's Office	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	
106	Quiet Room	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	
107	Stor	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	
108	Group Room	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	
110	Computer Lab	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	
111	Classroom	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	
112	Classroom	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	
113	Classroom	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	
114	Shared Staff Office	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	
115	Office	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	
116	Storage	LVT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	
117	Multipurpopse	LVT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	
120	Stor 2	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1		9' - 0"	
121	IT / Elec	SCONC-1	RB-1	PNT-1		PNT-1	PNT-1	EC		
122	JC	POR-1	-	GWT-1, PNT-3	GWT-1, PNT-3	GWT-1, PNT-3	GWT-1, PNT-3	GYP, PNT-2	9' - 0"	GWT-1 BELOW 5'-6" AFF, PT-2 ABOVE 5'-6" AFF.
123	Tlt	POR-1	-	GWT-1, PNT-3	GWT-1, PNT-3	GWT-1, PNT-3	GWT-1, PNT-3	GYP, PNT-2	9' - 0"	GWT-1 BELOW 5'-6" AFF PT-3 ABOVE 5'-6" AFF. BEHIND LAVATORY, ENTIRE WALL GWT-1, REFER TO A-410 FOR MORE INFORMATION WEP-1 AT ALL EXPOSED TILE EDGES
124	Tlt	POR-1	-	GWT-1, PNT-3	GWT-1, PNT-3	GWT-1, PNT-3	GWT-1, PNT-3	GYP, PNT-2	9' - 0"	GWT-1 BELOW 5'-6" AFF PT-3 ABOVE 5'-6" AFF. BEHIND LAVATORY, ENTIRE WALL GWT-1, REFER TO A-410 FOR MORE INFORMATION WEP-1 AT ALL EXPOSED TILE EDGES
125	Corridor	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	ACT-1	9' - 0"	

FINISH LEGEND

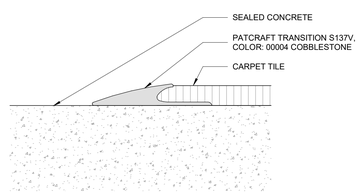
Key Name	Key Number	SYMBOL	TYPE	SPEC SECTION	MANUF.	COLOR	PRODUCT NO.	SIZE	DECSRIPTION
BASE									
BASE	00	RB-1	RESILIENT BASE	096500	ROPPE	LUNAR DUST 114	VINYL WALL BASE	4" HEIGHT x 120' x 1/8"	-
CEILING									
CEILING	01	ACT-1	ACOUSTICAL CEILING TILE	095100	ARMSTRONG	CORTEGA WHITE	704	24" x 24" x 5/8" THICK	15/16" ANGLED TEGULAR
CEILING	01	GYP	GYPSUM BOARD	092116	-	-	-	-	-
FLOORING									
FLOORING	02	CPT-1	CARPET TILE	096813	PATCRAFT	INFLUENCE - NOTEWORTHY 00110	I0563	18" x 36" x 0.325" THICK	BRICK PATTERN INSTALLATION
FLOORING	02	LVT-1	LUXURY VINYL TILE	096500	SHAWCONTRACT	EMERGE - ELEMENT PLATINU 18506	0618V	24" x 24" x 0.098" THICK	RANDOM PATTERN INSTALLATION
FLOORING	02	POR-1	PORCELAIN TILE	093000	SHAWCONTRACT	INSPIRED ONYX MATTE - 200 BEIGE	CT60J	12" x 24" x 0.314" THICK	MATTE FINISH
FLOORING	02	SCONC-1	SEALED CONCRETE	033000	-	CLEAR	-	-	PENETRATING LIQUID FLOOR TREATMENT
COUNTERTOPS									
COUNTERTOPS	03	GRA-1	GRANITE	123600	DALTILE	ABSOLUTE BLACK - NATURAL STONE SLAB	G771	1-1/4" (3CM) THICK	POLISHED FINISH, STANDARD EASED EDGE PROFILE
CABINETRY & MILLWORK									
CABINETRY & MILLWORK	04	PLAM-1	PLASTIC LAMINATE	064100	WILSONART	AMBER CHERRY	7919	.028" THICK	78 FINEGRAIN FINISH
WALLS									
WALLS	05	GWT-1	GLAZED WALL TILE	093000	SHAWCONTRACT	INSPIRED ONYX - 200 BEIGE	CT61J	12" x 24" x 0.314" THICK	POLISHED FINISH
WALLS	05	PNT-1	LATEX PAINT	099123	SHERWIN WILLIAMS	CREAMY	SW 7012	-	SATIN FINISH
WALLS	05	PNT-2	ENAMEL PAINT	099123	SHERWIN WILLIAMS	CEILING BRIGHT WHITE	SW 7007	-	FLAT FINISH
WALLS	05	PNT-3	ENAMEL PAINT	099123	SHERWIN WILLIAMS	CREAMY	SW 7012	-	SATIN FINISH
OTHER									
OTHER	06	CP-1	CABINET PULL	064100	AMEROCK	SATIN NICKEL	BP55277G10	5-1/16" CENTER-TO-CENTER	-
OTHER	06	GR-1	GROUT	093000	MERKRETE	PROGROUT PLUS 00012 NAVAJO WHITE	-	-	-
OTHER	06	WEP-1	WALL EDGE PROFILE	093000	SCHLUTER	BRUSHED STAINLESS STEEL	J 80 EB	5/16" H	-



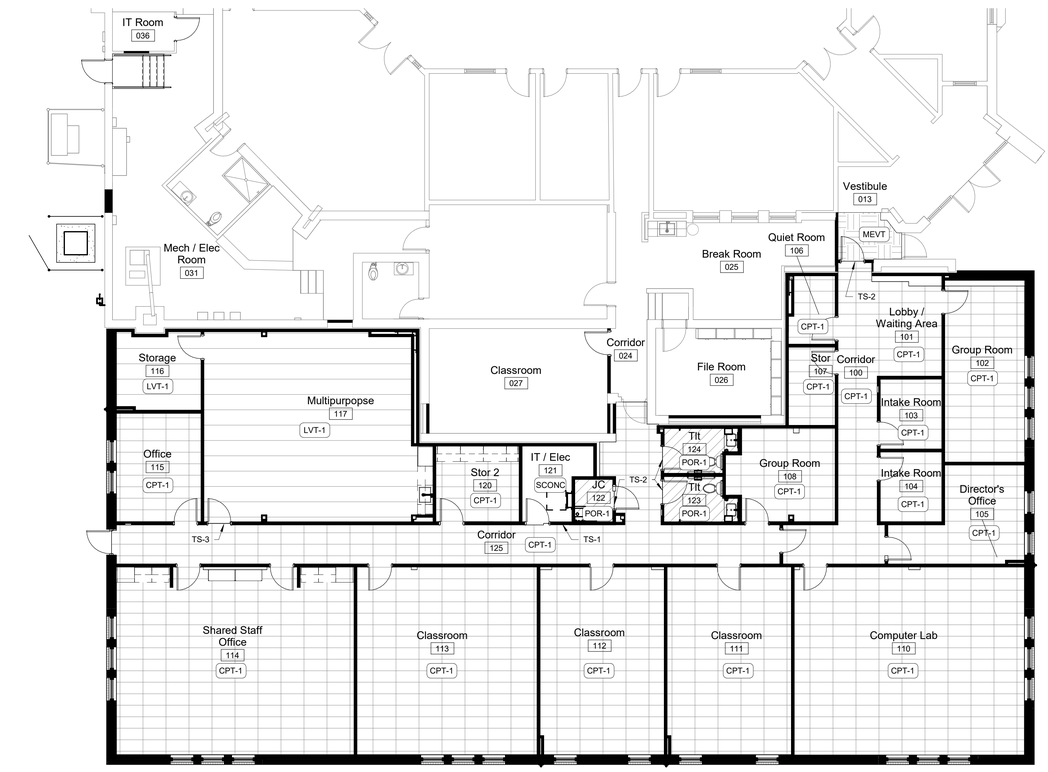
4 TS-3 LUXURY VINYL TILE TO CARPET TILE
SCALE: 12" = 1'-0"



3 TS-2 CARPET TILE TO PORCELAIN TILE
SCALE: 12" = 1'-0"



2 TS-1 CARPET TILE TO SEALED CONCRETE
SCALE: 12" = 1'-0"



NORTH

1 FINISH FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

FINISH PLAN NOTES

1. TRANSITION STRIPS (TS) INSTALLED IN SPECIFIED LOCATIONS. REFER TO FINISH FLOOR PLAN FOR LOCATION OF TRANSITION STRIPS. REFER TO SPECIFICATIONS FOR TRANSITION SIZE, COLOR, MANUFACTURER, ETC. TRANSITION STRIP IS REQUIRED BETWEEN FLOORING CHANGES, REFER TO SPECIFICATIONS.

ROOM FINISH SCHEDULE NOTES

1. GENERAL CONTRACTOR TO SUBMIT THREE SAMPLES OF EACH FINISH FOR FINAL APPROVAL.
2. PROVIDE TRANSISTION STRIPS AT ALL FLOOR FINISH TRANSISTIONS, UNO.
3. ALL LUXURY VINYL TILE AND CARPET TO BE LAID IN AN ASHLAR PATTERN, UNLESS NOTED OTHERWISE.

FINISH SYMBOLS

ACT	ACOUSTICAL CEILING TILE	PLAM	PLASTIC LAMINATE
		PNT	PAINT
CP	CABINET PULL	POR	PORCELAIN TILE
CPT	CARPET TILE	PORB	PORCELAIN TILE BASE
EC	EXPOSED CONSTRUCTION	RB	RESILIENT BASE
GWT	GLAZED WALL TILE	SCONC	SEALED CONCRETE
GR	GROUT		
GRA	GRANITE	TS	TRANSITION STRIP
GYP	GYPSUM BOARD		
		WEP	WALL EDGE PROFILE
LVT	LUXURY VINYL TILE		

FINISH PLAN LEGEND

SCONC SEALED CONCRETE

CPT-1 CARPET TILE

LVT-1 LUXURY VINYL TILE

POR-1 PORCELAIN FLOOR TILE

MEVT MATCH EXISTING VESTIBULE TILE

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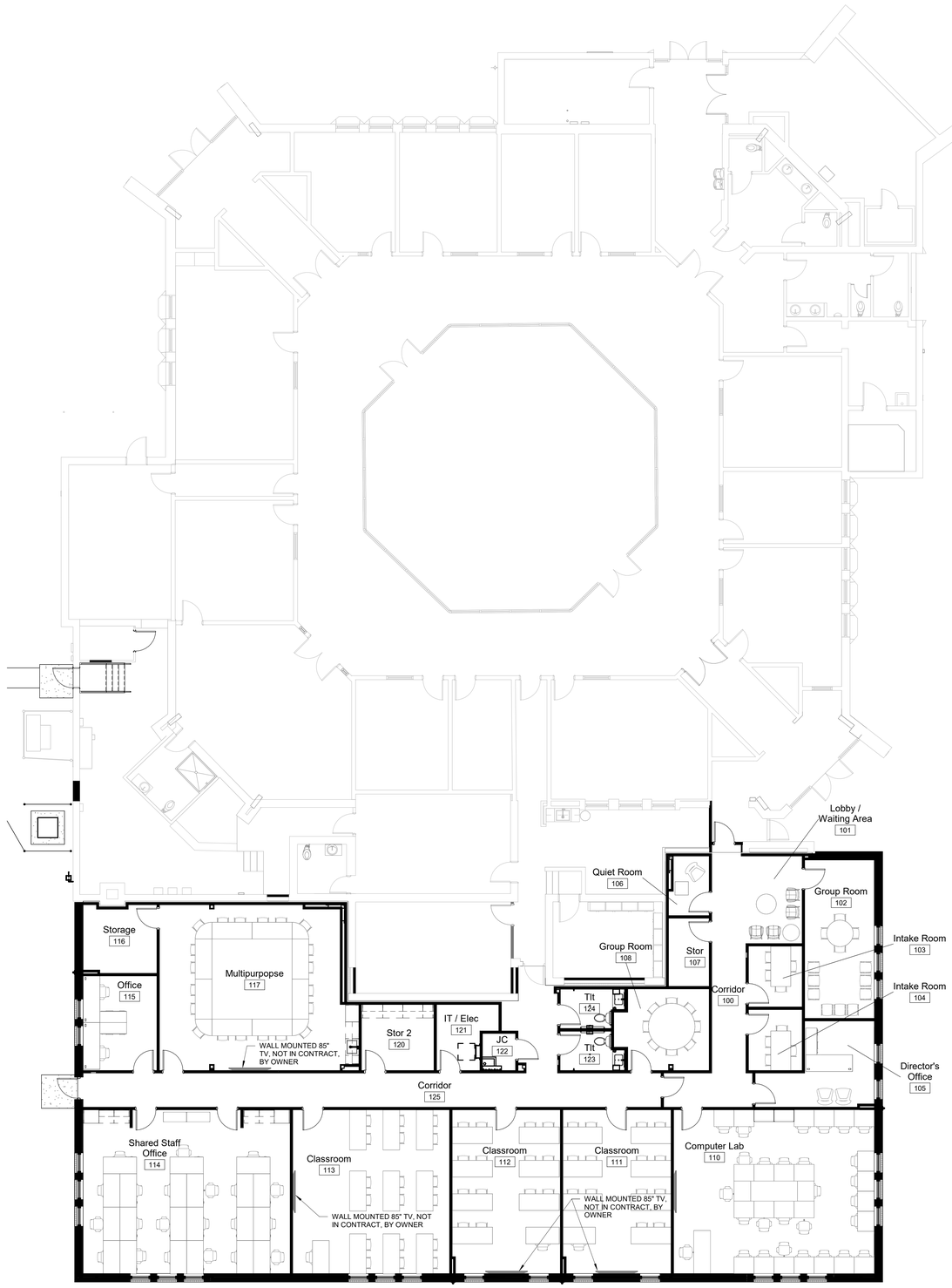
DRAWN BY **Author**
CHECKED BY **Checker**
CLIENT PROJ NO
Framework E PROJ NO **2024007**

FINISH FIRST FLOOR PLAN, ROOM FINISH SCHEDULE AND FINISH LEGEND

DRAWING NO

A-711



NORTH

1 EQUIPMENT FIRST FLOOR PLAN

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

EQUIPMENT PLAN NOTES

1. ALL FURNITURE, FIXTURES AND EQUIPMENT SHOWN ARE NOT IN CONTRACT, OWNER FURNISHED AND OWNER INSTALLED.

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ENRICHING LIVES · EMBRACING DIVERSITY

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REGISTERED ARCHITECT

TAG	ISSUED	DATE
	50% Construction Documents	04-10-25
	90% Construction Documents	05-29-25
	Permit Review	06-13-25
	Issued For Construction	08-01-25

DRAWN BY **Author**
CHECKED BY **Checker**
CLIENT PROJ NO
Framework E PROJ NO **2024007**

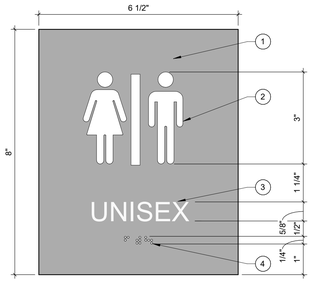
FF&E FIRST FLOOR PLAN

DRAWING NO

A-811

SIGNAGE PLAN NOTES

1. TEXT FONT FOR ALL SIGNAGE TYPES TO BE DIN MEDIUM.
2. REFER TO SHEET **G-010** FOR SIGNAGE MOUNTING HEIGHTS

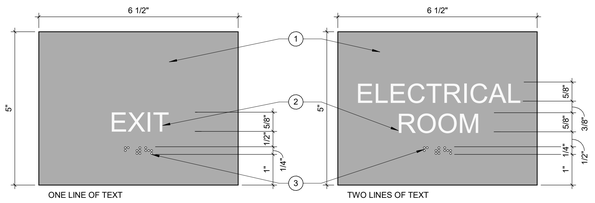


1. 1/8" -THICK ACRYLIC PANEL. FACE AND BACK PAINTED TO MATCH PMS COOL GRAY 9C WITH MATTE NON-GLARE FINISH. RETURNS PAINTED BRIGHT WHITE WITH MATTE NON-GLARE FINISH.
2. SILK-SCREENED SYMBOL IN BRIGHT WHITE WITH MATTE NON-GLARE FINISH.
3. ROWMARK LETTERS RAISED 1/32" IN BRIGHT WHITE WITH MATTE NON-GLARE FINISH. 5/8" CAP HEIGHT.
   FONT: DIN MEDIUM
   JUSTIFICATION: CENTERED
4. CLEAR GRADE II BRAILLE.
   JUSTIFICATION: CENTERED

MOUNTING: CONCEAL FLUSH MOUNT TO WALL 4" FROM LATCH SIDE OF DOOR. IF THERE IS NOT A DOOR, MOUNT TO WALL 4" FROM EDGE OF WALL AT RESTROOM ENTRANCE. REFER TO LOCATION PLAN FOR WALL PLACEMENT. BOTTOM OF SIGN IS 48" FROM FLOOR.

NOTE: THIS DRAWING IS DESIGN-INTENT ONLY. FABRICATOR IS RESPONSIBLE FOR FABRICATION & OVERALL LEVEL OF QUALITY

4 SIGNAGE DETAIL - RG2
SCALE: 6" = 1'-0"



1. 1/8" -THICK ACRYLIC PANEL. FACE AND BACK PAINTED TO MATCH PMS COOL GRAY 9C WITH MATTE NON-GLARE FINISH. RETURNS PAINTED BRIGHT WHITE WITH MATTE NON-GLARE FINISH.
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   FONT: DIN MEDIUM
   JUSTIFICATION: CENTERED
3. CLEAR GRADE II BRAILLE.
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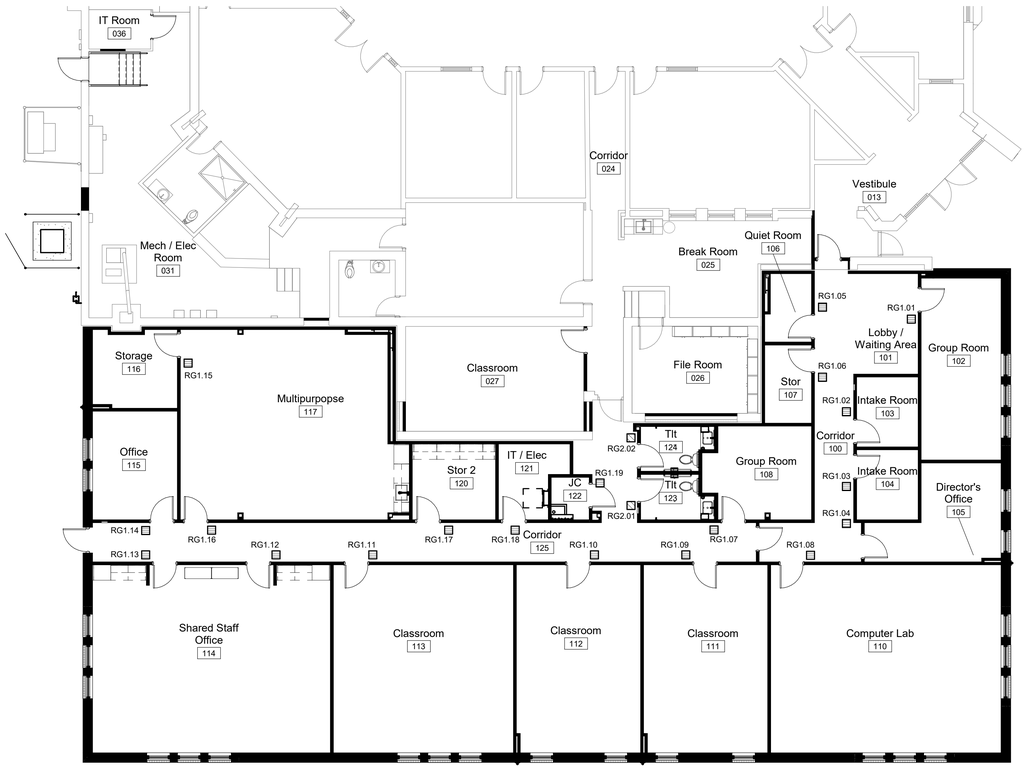
MOUNTING: CONCEAL FLUSH MOUNT TO WALL 4" FROM LATCH SIDE OF DOOR. IF THERE IS NOT A DOOR, MOUNT TO WALL 4" FROM EDGE OF WALL AT RESTROOM ENTRANCE. REFER TO LOCATION PLAN FOR WALL PLACEMENT. BOTTOM OF SIGN IS 48" FROM FLOOR.

NOTE: THIS DRAWING IS DESIGN-INTENT ONLY. FABRICATOR IS RESPONSIBLE FOR FABRICATION & OVERALL LEVEL OF QUALITY

3 SIGNAGE DETAIL - RG1
SCALE: 6" = 1'-0"



NORTH

2 SIGNAGE FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

SIGNAGE SCHEDULE

SIGN CODE	SIGNAGE ITEM	QUANTITY	LOCATION	MATERIAL	SYMBOL
RG1	ROOM ADA	19	102 Group Room, 103 Intake Room, 104 Intake Room, 105 Director's Office, 106 Quiet Room, 107 Stor, 108 Group Room, 110 Computer Lab, 111 Classroom, 112 Classroom, 113 Classroom, 114 Shared Staff Office (2), 115 Coordinator & Manager's Office, Storage 116, 117 Multipurpose, 120 Stor 2, 121 IT / Elec, 122 JC	ACRYLIC	-
RG2	UNISEX RESTROOM ADA	1	Tlt 123, Tlt 124	ACRYLIC	SINGLE OCCUPANCY

SYMBOLS

SINGLE OCCUPANCY

1 SIGNAGE SYMBOLS
SCALE: 3" = 1'-0"

Client

LAHC - Leaders Advancing and Helping Communities

LAHC
ENRICHING LIVES - EMBRACING DIVERSITY

Architect

Framework E
Architects Leaders Community Builders
Framework E, LLC
155 W Congress Street, Suite 602, Detroit, MI 48226
info@framework-e.com
(313) 484 1814

Consultant

Project Title

LAHC Workforce Education Resource and Development Center

5275 Kenilworth St, Dearborn, MI 48126

Seal

STATE OF MICHIGAN
GEORGE ATTIA
ARCHITECT
No. 1301044805
REGISTERED ARCHITECT

TAG	ISSUED	DATE
	50% Construction Documents	04-10-25
	90% Construction Documents	05-29-25
	Permit Review	06-13-25
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SIGNAGE FIRST FLOOR PLAN, TYPES AND DETAILS

DRAWING NO

A-911