UNIVERSITY OF RHODE ISLAND WASHBURN HALL

75 BRIAR LANE
KINGSTON, RHODE ISLAND 02881

DATE ISSUED: 09/21/2026

DESIGN STANDARDS

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	E602	SCHEDULES & PARTIAL RISER DIAGRAM
	E603	PARTIAL FIRE ALARM RISER DIAGRAM & MATRIX

OWNER / DEVELOPER

THE UNIVERSITY OF RHODE ISLAND

PREPARED BY

BL Architecture Engineering Environmental Land Surveying

GENERAL NOTES

1. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE LATEST ADOPTED BUILDING CODE EDITION, AND TO CONDITIONS AND SPECIFICATIONS OF ALL GOVERNING AUTHORITIES.
2. VERIFY AND CONFIRM ALL CONDITIONS, DIMENSIONS, AND LAYOUT INFORMATION PRIOR TO START OF CONSTRUCTION. NOTIFY CONSULTANT OF ANY DISCREPANCIES PRIOR TO START OF WORK. ANY CORRECTION WORK REQUIRED AS A RESULT OF NOT REPORTING SUCH DISCREPANCIES SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE TENANT.
3. CONTRACTOR AND SUBCONTRACTORS SHALL CAREFULLY EXAMINE THE SITE AND THE CONSTRUCTION DOCUMENTS OF THE ENTIRE WORK. INCONSISTENCIES IN THE PLANS OR SPECIFICATIONS SHALL BE CALLED TO THE ATTENTION OF THE CONSULTANT AND TENANT.
4. REFER TO ENLARGED PLANS AND ELEVATIONS WHERE INDICATED FOR ADDITIONAL INFORMATION. ENLARGED PLANS TAKE PRECEDENCE OVER PLANS OF SMALLER SCALE, AND DETAILS TAKE PRECEDENCE OVER PLANS. IN THE CASE OF A CONFLICT, THE HIGHEST COST OPTION SHOULD BE PRICED.
5. DETAIL REFERENCES SHALL BE APPLIED TO ALL INSTANCES WHERE THE SAME CONDITIONS OCCUR, UNLESS NOTED OTHERWISE.
6. DIMENSIONS ARE TO STRUCTURAL GRID, CENTER LINE OF COLUMNS, AND FACE OF STUDS/CONCRETE WALL, UNLESS NOTED OTHERWISE.
7. THE TERMS "ABOVE FINISH FLOOR" (AFF) AND "FINISH FLOOR ELEVATION" (FFE) REFER TO FINAL FINISHED FLOOR ELEVATION, WHETHER BUILT-UP SLAB, COMPOSITE DECK AND/OR RAISED ACCESS FLOOR.
8. DO NOT SCALE DRAWINGS.
9. CUTTING AND DRILLING OF STRUCTURAL MEMBERS NOT DETAILED REQUIRES THE WRITTEN PERMISSION OF THE STRUCTURAL ENGINEER OF RECORD.
10. SAVE AND RECYCLE DEMOLITION DEBRIS AS APPLICABLE. ALL DEMOLISHED OR REMOVED EXISTING MATERIAL SHALL BE LEGALLY DISPOSED. COORDINATE WITH AUTHORITY HAVING JURISDICTION FOR REQUIREMENTS FOR RECYCLING AND RE-USE OF DEMOLITION DEBRIS.
11. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE RESULTING FROM THEIR WORK. THE CONTRACTOR WILL COORDINATE CLEAN UP OF ALL AREAS AFFECTED BY DUST OR ANY MATERIALS, BOTH DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT, INCLUDING THE INSIDE OF ALL WINDOWS AS NECESSARY SO THAT THE SPACE IS READY FOR OCCUPANCY BY TENANT.

PROJECT LOCATION



CONSULTANT

CONSULTANT

VICINITY MAP



TRUE NORTH

NOT FOR CONSTRUCTION

REVISIONS

NO	DATE	DESCRIPTION

DESIGNER:	JM
DRAWN BY:	LA, LR, MS
REVIEWED:	BR
PROJECT NO.:	2503449
DATE:	09/21/2026
ISSUED FOR:	BID

TITLE: COVER SHEET

SHEET NO.

BLDG. G0.00

PROJECT DATA:

PROJECT LOCATION: KINGSTON, RI

BUILDING DEPARTMENT: TOWN OF SOUTH KINGSTOWN BUILDING INSPECTION & ZONING DEPARTMENT
180 HIGH STREET
WAKEFIELD, RI 02879

APPLICABLE CODES:

BUILDING CODES - RHODE ISLAND

ALL CONSTRUCTION SHALL CONFORM WITH THE FOLLOWING CODES:

PURSUANT TO THE RHODE ISLAND STATE BUILDING CODE, R.I. GEN. LAWS CHAPTER 23-27.3, AND THE RHODE ISLAND CODE OF REGULATIONS, TITLE 510, THE FOLLOWING NATIONAL MODEL CODES, AS AMENDED BY THE STATE OF RHODE ISLAND, ARE ADOPTED AND SHALL BE KNOWN AS THE RHODE ISLAND STATE BUILDING CODE. RHODE ISLAND'S CURRENT STATE BUILDING CODES ARE BASED PRIMARILY ON THE 2021 ICC CODES, WITH THE 2023 NEC AND 2024 IECC

1. 2021 INTERNATIONAL BUILDING CODE
2. 2021 INTERNATIONAL EXISTING BUILDING CODE
3. 2021 IBC CHAPTER 11 ACCESSIBILITY AND ICC A117.1-2017 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
4. 2021 INTERNATIONAL PLUMBING CODE
5. 2021 INTERNATIONAL MECHANICAL CODE
6. 2024 INTERNATIONAL ENERGY CONSERVATION CODE
7. 2023 NFPA 70, NATIONAL ELECTRICAL CODE, OF THE NATIONAL FIRE PROTECTION ASSOCIATION INC.

RHODE ISLAND FIRE SAFETY CODE

1. 2021 INTERNATIONAL FIRE CODE (AS AMENDED BY THE STATE OF RHODE ISLAND)
2. 2021 NFPA 101 LIFE SAFETY CODE (AS AMENDED BY THE STATE OF RHODE ISLAND)
3. 2022 NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE

LAST UPDATE: 07/13/2026

CHAPTER 3 - USE & OCCUPANCY CLASSIFICATION:

302.1 - CLASSIFICATION: THE EXISTING BUILDING IS USED AS AN EDUCATIONAL FACILITY FOR POST-SECONDARY STUDENTS. THE PROJECT SCOPE INCLUDES STRUCTURAL REINFORCEMENTS AT THE BASEMENT AND FIRST FLOOR LEVELS, WITH INTERIOR SPACE RECONFIGURATION PROPOSED ON THE THIRD FLOOR.

GROUP	IBC SECTION	DESCRIPTION OF OCCUPANCY	
		DESCRIPTION	CLASSIFICATION
B / BUSINESS	304.1	BUSINESS	MAIN USE

CHAPTER 5 - GENERAL BUILDING HEIGHTS & AREAS:

CONSTRUCTION TYPE: III-B

SPRINKLER SYSTEM: SPRINKLERED

CHAPTER 6 - TYPE OF CONSTRUCTION:

CONSTRUCTION CLASSIFICATION: SECTIONS 601 & 602
CONSTRUCTION TYPE: III-B, SPRINKLERED
FIRE RESISTANCE RATING REQUIREMENTS (TABLE 601)

NR = NO RATING
N/A = NOT APPLICABLE, CONDITION NOT PRESENT IN DESIGN

CHAPTER 8 - INTERIOR FINISHES

	MINIMUM CLASS FINISH ALLOWED	
OCCUPANCY B		
VERTICAL EXITS & EXIT PASSAGEWAYS -	CLASS B	
EXIT ACCESS CORRIDORS & OTHER EXITS -	CLASS C	
ROOMS AND ENCLOSED SPACES -	CLASS C	

CHAPTER 9 FIRE PROTECTION SYSTEM

AUTOMATIC SPRINKLER SYSTEM PROVIDED	YES
AUTOMATIC SPRINKLER SYSTEM MONITORING AND ALARMS WILL BE PROVIDED.	YES
PORTABLE FIRE EXTINGUISHERS - SHALL BE PROVIDED PER THIS SECTION - AS SHOWN ON FIRE EXTINGUISHER PLANS.	YES
A FIRE COMMAND CENTER REQUIRED	NO

CHAPTER 10 - MEANS OF EGRESS

GROUP	MAXIMUM TRAVEL DISTANCE (TABLE 10 17.2)	DEAD END CORRIDOR (TABLE 1020.5)	CORRIDOR WIDTH	COMMON PATH OF TRAVEL (TABLE 1006.2.1)
B/ BUSINESS (SPRINKLERED)	300'	50'	MIN. 36"	100'

SECTION 1004 OCCUPANT LOAD (See table provided under occupancy SHEET G0.01)

1005.3.1 STAIRWAYS. MEANS OF EGRESS CAPACITY OF 0.3" PER OCCUPANT

1005.3.2 OTHER EGRESS COMPONENTS. THE CAPACITY OF MEANS OF EGRESS COMPONENTS OTHER THAN STAIRWAYS SHALL BE 0.2 INCHES PER OCCUPANT.

1006.2.1 TWO EXITS SHALL BE PROVIDED WHERE TRAVEL DISTANCE AND OCCUPANT LOAD EXCEED VALUES IN TABLE 1006.2.1

1006.2.1.1 THREE EXITS SHALL BE PROVIDED FROM ANY SPACE WITH AN OCCUPANT LOAD OF 301 TO 1,000. FOUR EXITS SHALL BE PROVIDED FOR SPACES OVER 1,000 OCCUPANTS.

CORRIDOR FIRE RESISTANCE RATING - TABLE 1020.1
OCCUPANCY (A, B, S) WITH OCCUPANCY > 30 - WITH SPRINKLERS - 0 HOURS

OCCUPANCY TABLE

FUNCTION	OCCUPANCY TYPE	AREA SF	LOAD FACTOR SF/PERSON (GROSS/NET)	OCCUPANT LOAD	NUMBER OF EXITS
BASEMENT					
USE 1	N/A	0SF	EXIST.	EXIST.	EXIST.
UNOCCUPIED AREA	-	-	-	-	0
1ST FLOOR					
USE 2 OCCUPANCY	N/A	0 SF	EXIST.	EXIST.	EXIST.
USE 3 OCCUPANCY	-	-	-	-	0
2ND FLOOR					
USE 1	N/A	0SF	EXIST.	EXIST.	EXIST.
UNOCCUPIED AREA	-	-	-	-	0
3RD FLOOR					
USE 1 OCCUPANCY	B	349 SF	15 NET	24	ETR
USE 2 OCCUPANCY	B	4,258 SF	150 GROSS	29	0
USE 3 OCCUPANCY	B	1,331 SF	20 NET	66	
TOTAL OCCUPIABLE AREA					ETR

LIFE SAFETY LEGEND

OCCUPANCY LOADS

ROOM NAME
101
150 SF = 15P
100

ROOM SQUARE FOOTAGE
OCCUPANCY LOAD
FLOOR AREA IN SQ. FT. / OCCUPANT

DOORS: 000 / 000 — ACTUAL EGRESS LOAD / ALLOWABLE EGRESS LOAD
STAIRS: ### / ###

SYMBOLS

- CUMULATIVE OCCUPANCY LOAD ON EGRESS ROUTE
- COMMON PATH OF TRAVEL (? MAX)
- MAXIMUM TRAVEL DISTANCE TO FURTHEST EXIT (300' MAX - SPRINKLERED)
- EXIT SIGN
- EXISTING EXIT SIGN TO REMAIN
- HORN/STROBE (F)
- PULL STATION & HORN/STROBE (F)

FUNCTION OF SPACE

BUSINESS AREAS

TRAVEL DISTANCE

PATH NO.	TRAVEL DISTANCE	MAX. DISTANCE ALLOWED (IBC TABLE 1017.2)
1	97' - 8"	300'

GENERAL NOTES:

EGRESS INFORMATION IS PROVIDED FOR THE THIRD FLOOR ONLY. THE PROPOSED WORK ON THE THIRD FLOOR RESULTS IN A REDUCTION IN OCCUPANT LOAD FROM THE PREVIOUS USE; THEREFORE, THIRD FLOOR EGRESS INFORMATION HAS BEEN INCLUDED TO DOCUMENT APPLICABLE EXIT ACCESS AND EXIT CAPACITY CONDITIONS FROM THIS FLOOR.

EGRESS INFORMATION FOR THE BASEMENT, FIRST FLOOR, SECOND FLOOR, AND ATTIC HAS NOT BEEN PROVIDED. NO CHANGES TO EXISTING OCCUPANCY, OCCUPANT LOAD, EXIT ACCESS, NUMBER OF EXITS, EGRESS CAPACITY, OR OTHER MEANS OF EGRESS COMPONENTS ARE PROPOSED ON THOSE LEVELS. ALL EXISTING EGRESS FEATURES AND OCCUPANCY CONDITIONS ON THOSE LEVELS ARE TO REMAIN, AND NO EGRESS MODIFICATIONS ARE REQUIRED FOR EXECUTION OF THE WORK INDICATED IN THESE CONSTRUCTION DOCUMENTS.

WORK IS OCCURRING WITHIN PORTIONS OF THE BASEMENT, FIRST, SECOND, AND THIRD FLOORS. THE SCOPE OF WORK SHALL NOT REDUCE THE EXISTING NUMBER OF EXITS, ALTER REQUIRED MEANS OF EGRESS COMPONENTS, INCREASE THE OCCUPANT LOAD SERVED BY EXISTING EXITS, OR INCREASE THE REQUIRED EGRESS CAPACITY OF THE EXISTING MEANS OF EGRESS SYSTEM. EXISTING EXIT ARRANGEMENTS, EXIT CAPACITY, AND EGRESS REQUIREMENTS SHALL REMAIN UNCHANGED EXCEPT AS SPECIFICALLY INDICATED IN THESE DOCUMENTS.

EXISTING FIRE ALARM DEVICES, INITIATING DEVICES, NOTIFICATION APPLIANCES, EXIT SIGNS, EMERGENCY LIGHTING, AND OTHER LIFE SAFETY SYSTEM COMPONENTS LOCATED OUTSIDE THE LIMITS OF NEW WORK SHALL REMAIN IN PLACE AND ARE NOT REQUIRED TO BE REPLACED UNDER THIS CONTRACT UNLESS SPECIFICALLY NOTED OTHERWISE. ALL EXISTING-TO-REMAIN DEVICES SHALL BE PROTECTED DURING CONSTRUCTION.

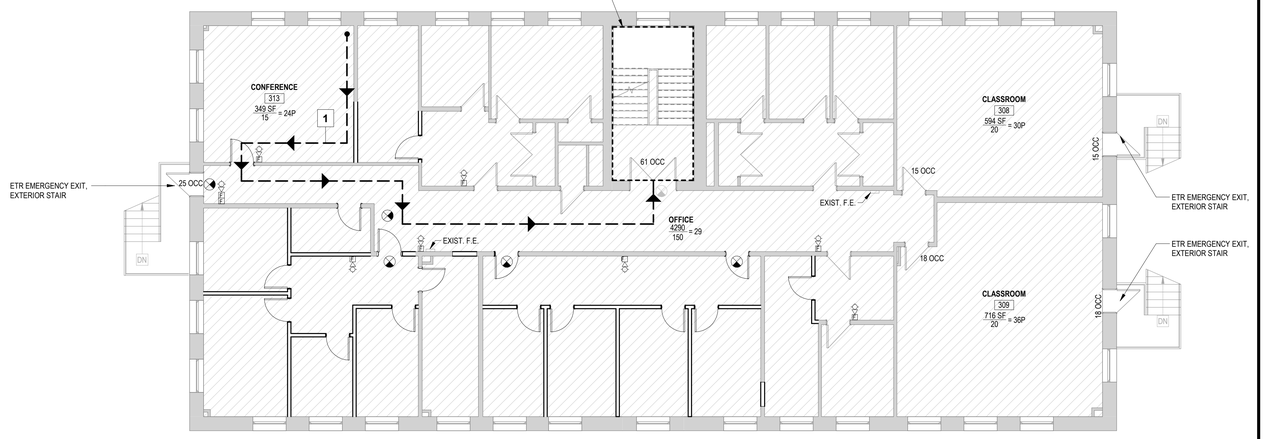
EXISTING LIFE SAFETY SYSTEMS SHALL REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION EXCEPT WHERE TEMPORARY INTERRUPTION IS REQUIRED TO COMPLETE THE WORK. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL REQUIRED NOTIFICATIONS AND OBTAINING ALL REQUIRED APPROVALS FROM THE AUTHORITIES HAVING JURISDICTION PRIOR TO COMMENCEMENT OF ANY WORK THAT MAY IMPACT THE OPERATION OR EFFECTIVENESS OF THE EXISTING FIRE ALARM SYSTEM.

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL CONNECTIONS, MODIFICATIONS, TESTING, AND COMMISSIONING REQUIRED FOR INTEGRATION OF NEW FIRE ALARM DEVICES INTO THE EXISTING FIRE ALARM SYSTEM. COORDINATE ALL SUCH WORK WITH URI FACILITIES MANAGEMENT, URI PUBLIC SAFETY, THE EXISTING FIRE ALARM SYSTEM SERVICE PROVIDER, THE BUILDING OFFICIAL, FIRE DEPARTMENT, AND OTHER AUTHORITIES HAVING JURISDICTION AS REQUIRED.

THE GENERAL CONTRACTOR SHALL ANTICIPATE PROVIDING A FIRE ALARM TIE-IN PLAN, NARRATIVE, AND/OR OTHER DOCUMENTATION REQUIRED BY THE AUTHORITIES HAVING JURISDICTION AS PART OF THE PERMITTING PROCESS FOR FIRE ALARM SYSTEM ALTERATIONS. REFER TO THE ELECTRICAL DRAWINGS FOR FIRE ALARM SCOPE OF WORK, DEVICE LOCATIONS, AND ASSOCIATED REQUIREMENTS.

THESE CONSTRUCTION DOCUMENTS DO NOT REPRESENT A COMPREHENSIVE AS-BUILT RECORD OF THE EXISTING FIRE ALARM SYSTEM. EXISTING FIRE ALARM DEVICES AND SYSTEM COMPONENTS LOCATED OUTSIDE THE LIMITS OF NEW WORK MAY NOT BE SHOWN. ONLY NEW DEVICES AND EXISTING DEVICES BEING MODIFIED, RELOCATED, OR OTHERWISE IMPACTED BY THE WORK ARE INDICATED. THE GENERAL CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH URI FACILITIES MANAGEMENT AND THE EXISTING FIRE ALARM SYSTEM SERVICE PROVIDER TO DETERMINE THE FULL EXTENT OF THE EXISTING SYSTEM.

RECORD DRAWINGS FROM PRIOR RENOVATIONS INDICATE THAT THIS STAIR ENCLOSURE AND DOORS PROVIDING ACCESS TO THE STAIR FROM ADJACENT INTERIOR SPACES ARE 1-HOUR FIRE-RESISTANCE-RATED. RECORD DRAWINGS FURTHER INDICATE THAT INTERIOR DOORS INSTALLED WITHIN 1-HOUR FIRE-RESISTANCE-RATED PARTITIONS IN THIS AREA ARE ALSO 1-HOUR FIRE-RESISTANCE-RATED. AS THIS AREA IS OUTSIDE THE LIMITS OF NEW WORK, NO INDEPENDENT FIELD VERIFICATION OF THESE CONDITIONS HAS BEEN PERFORMED AS PART OF THIS PROJECT. THIS AREA IS EXISTING TO REMAIN AND IS NOT INCLUDED IN THE SCOPE OF WORK.



1 3RD FLOOR
1/8" = 1'-0"

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UNIVERSITY OF RHODE ISLAND WASHBURN HALL
75 BRIAR LANE
KINGSTON, RHODE ISLAND 02881

NO	DESCRIPTION	DATE
REVISIONS		

DESIGNED: JM
DRAWN: LA, LR
REVIEWED: BR
PROJECT NO.: 2503449
DATE: 09/21/2026
ISSUED FOR: BID

TITLE: CODE ANALYSIS

SHEET NUMBER: G0.01

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ABBREVIATIONS:

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY TRANSPORTATION OFFICIALS	K	KIP (1000 LBS.)
		KLF	KIPS PER LINEAR FOOT
A.B.	ANCHOR BOLT OR ANCHOR ROD	KSF	KIPS PER SQUARE FOOT
A.A.S.	ADHESIVE ANCHORING INSTITUTE	KSI	KIPS PER SQUARE INCH
ACI	AMERICAN CONCRETE INSTITUTE		
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	L.B.	ANGLE BRACE (ALSO SEE SYMBOLS)
AFPA	AMERICAN FOREST AND PAPER ASSOCIATION	LLH	LONG LEG HORIZONTAL
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	LLV	LONG LEG VERTICAL
ALT.	ALTERNATE	LOC.	LOCATION
ALUM	ALUMINUM	L.P.	LOW POINT
ANCH.	ANCHOR OR ANCHORAGE	L.W.	LIGHT WEIGHT
ARCH.	ARCHITECTURAL OR ARCHITECT		
ASD	ALLOWABLE STRESS DESIGN	MAS.	MASONRY
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	MATL.	MATERIAL
AWS	AMERICAN WELDING SOCIETY	MAX.	MAXIMUM
		MECH.	MECHANICAL
B, BOTT.	BOTTOM	MEP	MECHANICAL/ELECTRICAL/PLUMBING
B/, B.O.	BOTTOM OF	MEZZ.	MEZZANINE
BLDG.	BUILDING	MID.	MIDDLE
BM.	BEAM	MID-PT	MIDPOINT
B.O.F.	BOTTOM OF FOOTING	MIN.	MINIMUM
B.O.S.	BOTTOM OF STEEL	MM	MILLIMETER
BRG.	BEARING	M.O.	MASONRY OPENING
B/S	BOTH SIDES	MTL	METAL
CF	COLD-FORMED	N.F.	NEAR FACE
CFMF	COLD-FORMED METAL FRAMING	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
C.G.	CENTER OF GRAVITY	N.I.C.	NOT IN CONTRACT
C.I.P.	CAST IN PLACE	NO.	NUMBER
C.J.	CONTROL JOINT	N.S.	NEAR SIDE
CLR.	CLEAR	N.T.S.	NOT TO SCALE
CMU	CONCRETE MASONRY UNIT	N.W.	NORMAL WEIGHT
C.O.	CLEAN OUT		
COL.	COLUMN	O.C.	ON CENTER
CONC.	CONCRETE	O.D.	OUTSIDE DIAMETER
CONN.	CONNECTION	O.F.	OUTSIDE FACE
CONST.	CONSTRUCTION	O.H.	OPPOSITE HAND
CONST. JT.	CONSTRUCTION JOINT	O/H	OVERHANG
CONT.	CONTINUOUS	OPNG.	OPENING
CRSI	CONCRETE REINFORCING STEEL INSTITUTE	OPP.	OPPOSITE
CTR.	CENTER		
CWA	COORDINATE WITH ARCHITECTURAL DRAWINGS	P.A.F.	POWER-ACTUATED FASTENER
		PART.	PARTIAL
D-B	DESIGN BUILD	PL.	PLATE
DEPR.	DEPRESSION	PCA	PORTLAND CEMENT ASSOCIATION
DEPT.	DEPARTMENT	PCI	PRE-STRESSED CONCRETE INSTITUTE
DET.	DETAIL	P/C	PRECAST CONCRETE
DIA.	DIAMETER	PEN.	PENETRATION
DIM.	DIMENSION	PLF, #/FT	POUNDS PER SQUARE FOOT
DIR.	DIRECTION	PREFAB.	PREFABRICATED
DN	DOWN	PSF	POUNDS PER SQUARE FOOT
D.O.	DITTO (SAME AS ABOVE)	PSI	POINDS PER SQUARE INCH
D.O.T.	DEPARTMENT OF TRANSPORTATION	PSL	PARALLEL STRAND LUMBER
DWG.	DRAWING	PT.	POINT
DWL.	DOWEL(S)	P/T	PRESERVATIVE TREATED
		PTD.	PAINTED
EA.	EACH	PVC	POLYVINYL CHLORIDE
E.E.	EACH END	R	RADIUS
E.F.	EACH FACE	R/C	REINFORCED CONCRETE
EL., ELEV.	ELEVATION	R.C.P.	REINFORCED CONCRETE PIPE
ELEC.	ELECTRICAL	R.D.	ROOF DRAIN
EMBED.	EMBEDMENT	REF.	REFERENCE
ENGR.	ENGINEER	REINF.	REINFORCING
E.O.D.	EDGE OF DECK	REQ'D	REQUIRED
E.O.S.	EDGE OF STEEL	RET.	RETURN
EQ.	EQUAL	R.F.	ROOF FRAME
E.W.	EACH WAY	RFT.	RAFTER
EX., EXIST.	EXISTING	R.O.	ROUGH OPENING
EXP.	EXPANSION	RTU	ROOF TOP UNIT
EXP. JT., E.J.	EXPANSION JOINT		
EXT.	EXTENSION	SDI	STEEL DECK INSTITUTE
		SECT.	SECTION
F.D.	FLOOR DRAIN	S.F.	STEP FOOTING
F.F.	FAR FACE	SHTG.	SHEATHING
FND.	FOUNDATION	SIM.	SIMILAR
FIN.	FINISH	SJI	STEEL JOIST INSTITUTE
FL.	FLOOR	SL.	SLOPING BEAM OR GIRDER
FLG.	FLANGE	S.O.G.	SLAB ON GRADE
F.M.	FACTORY MUTUAL	SPA.	SPACES
F.S.	FAR SIDE	SQ.	SQUARE
FT.	FEET OR FOOT	S.S.	STAINLESS STEEL
FTG.	FOOTING	STD.	STANDARD
F.O.W.	FACE OF WALL	STL.	STEEL
		STIFF.	STIFFENER
GA.	GAUGE		
G.B.	GRADE BEAM	T/, T.O.	TOP OF
GALV.	GALVANIZED	T&B	TOP AND BOTTOM
G.C.	GENERAL CONTRACTOR	TEMP.	TEMPORARY
GEN., GENL.	GENERAL	THK.	THICK OR THICKNESS
GR.	GRADE	THRD.	THREADED
		THRU	THROUGH
HDR.	HEADER	T.O.C.	TOP OF CONCRETE
HOR., HORIZ.	HORIZONTAL	T.O.S.	TOP OF STEEL
H.P.	HIGH POINT	T.O.W.	TOP OF WALL
H.S.	HIGH STENGTH	TS	TUBE STEEL
HSS	HOLLOW STRUCTURAL SECTION	TSF	TONS PER SQUARE FOOT
HT.	HEIGHT	TYP.	TYPICAL
ICC	INTERNATIONCODE COUNCIL	UL	UNDERWRITER'S LABORATORIES
I.D.	INSIDE DIAMETER	U.O.N.	UNLESS OTHERWISE NOTED
I.F.	INSIDE FACE	VERT.	VERTICAL
IN.	INCH OR INCHES	V.I.F.	VERIFY IN FIELD
INCL.	INCLUDING		
INFO	INFORMATION	w/	WITH
INT.	INTERIOR	W.O.	WINDOW OPENING
INV.	INVERT	W.P.	WORKING POINT
		W.W.F.	WELDED WIRE FABRIC
JST.	JOIST		
JT.	JOINT		

GENERAL NOTES:

DESIGNED IN ACCORDANCE WITH THE 2021 RHODE ISLAND BUILDING CODE, 2021 IBC, WITH STATE AMENDMENTS.

IF ANY FIELD CONDITIONS PRECLUDE COMPLIANCE WITH THESE DRAWINGS AND/OR CONDITIONS SPECIFIED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SHALL NOT PROCEED WITH THE AFFECTED WORK.

TYPICAL DETAILS AND NOTES SHOWN HEREIN SHALL APPLY UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE. CONSTRUCTION DETAILS NOT FULLY SHOWN OR NOTED SHALL BE SIMILAR TO DETAILS SHOWN FOR SIMILAR CONDITIONS.

WORK AREAS SHALL BE MARKED, FENCED, AND OTHERWISE SECURED SO AS TO PROVIDE PROPER PROTECTION FOR THE PUBLIC, AND AS REQUIRED BY THE BUILDING INSPECTOR.

IT SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY TO DESIGN AND PROVIDE ADEQUATE SHORING, BRACING AND FORMWORK, ETC., AS REQUIRED FOR THE PROTECTION OF LIFE AND PROPERTY DURING CONSTRUCTION. THIS INCLUDES PROVIDING TEMPORARY BRACING, SHORING, GUYS OR TIE-DOWNS. THESE TEMPORARY SUPPORTS SHALL REMAIN IN PLACE UNTIL ALL STRUCTURAL COMPONENTS ARE STABLE AND COMPLETED.

DEAD LOADS:

3/4 HARDWOOD FLOORING	3.1 PSF
DROP CEILING	1.0 PSF
MEP	3.0 PSF
SHELVING	25.0 PSF
PARTITION WALLS	5.5 PSF
MISCELLANEOUS	0.4 PSF
TOTAL	38.0 PSF

ROOF LIVE LOADS:
- LIVE LOAD = 20 PSF (MIN.)
- GROUND SNOW LOAD, P_g = 30 PSF
- EXPOSURE FACTOR, C_e = 1.0
- THERMAL FACTOR, C_t = 1.0
- IMPORTANCE FACTOR, I_s = 1.0
- CALCULATED FLAT ROOF SNOW LOAD, P_f = 25.2 PSF
- DESIGN SNOW LOAD, P_f = 30.0 PSF (PER RI MINIMUM)
- SNOW LOADS INCREASED FOR DRIFT, SLIDING, ETC. WHERE APPLICABLE.

WIND LOADS:
- RISK CATEGORY II
- ULTIMATE DESIGN WIND SPEED (3-SECOND GUST) = 129 MPH
- IMPORTANCE FACTOR, I_w = 1.0
- EXPOSURE = "B"
- TOPOGRAPHICAL FACTOR, K_{zt} = 1.0
- COMPONENT AND CLADDING ITEMS NOT DESIGNED BY THE ENGINEER OF RECORD: REFER TO COMPONENTS AND CLADDING WIND PRESSURE TABLES

SEISMIC DESIGN CRITERIA:
- S_s = 0.188 S_1 = 0.052
- SEISMIC IMPORTANCE FACTOR, I_e = 1.0
- SITE CLASS = "D"
- S_{DS} = 0.201 S_{D1} = 0.084
- SEISMIC DESIGN CATEGORY = "B"
- BUILDING FRAME SYSTEMS -
- LIGHT-FRAMED WOOD WALLS SHEATHED WITH STRUCTURAL PANELS
- (R = 6.5, C_d = 3)
- SEISMIC RESPONSE COEFFICIENT, C_s = 0.031
- DESIGN BASE SHEAR, V = C_s x W
- ANALYSIS PROCEDURE = ELFP

ALL SPECIAL INSPECTION REPORTS PERFORMED IN ACCORDANCE WITH THE STATEMENT OF SPECIAL INSPECTIONS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW IN A TIMELY MANNER. THE FINAL REPORT OF SPECIAL INSPECTIONS SHALL NOT BE ISSUED UNTIL ALL SPECIAL INSPECTION REPORTS HAVE BEEN RECEIVED AND APPROVED BY THE ENGINEER.

GEOTECHNICAL NOTES:

ALL UNDERGROUND UTILITY LOCATIONS SHALL BE VERIFIED PRIOR TO STARTING EXCAVATION WORK. CALL BEFORE YOU DIG PRIOR TO STARTING ANY EXCAVATION.

THE CONTRACTOR WILL PERFORM EXCAVATIONS, FOOTING CONSTRUCTION, AND PREPARATION OF THE SUBGRADE UNDER FOUNDATIONS IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THESE DRAWINGS.

ALL FOOTINGS HAVE BEEN DESIGNED FOR AN ASSUMED ALLOWABLE NET SOIL BEARING PRESSURE OF 2,000 PSF PER SECTION 1806 OF THE BUILDING CODE. WHERE THE BUILDING OFFICIAL OR 3RD PARTY INSPECTOR DEEMS THE SOILS SUPPORTING THE STRUCTURAL FOOTINGS IS INADEQUATE, A FORMAL GEOTECHNICAL INVESTIGATION SHALL BE REQUIRED TO CONFIRM THAT THE MINIMUM DESIGN REQUIREMENTS NOTED IN THE GENERAL NOTES CAN BE MET. FOOTINGS SHALL BEAR ON UNDISTURBED SUBBASE. NO FOOTINGS SHALL BEAR ON LOAM OR SOIL FILL. IF ROCK IS ENCOUNTERED PRIOR TO THE PROPOSED BOTTOM OF FOOTING ELEVATION, THE ROCK SHALL BE OVEREXCAVATED BY 1'-0", AND BACKFILLED WITH 3/4" CRUSHED STONE TO THE BOTTOM OF FOOTING, AND COVERED WITH FILTER FABRIC.

ALL COMPACTED CONTROLLED FILL BEING PLACED MUST BE TESTED BY AN APPROVED TESTING LABORATORY DURING THE FILL OPERATION. ALL FOUNDATION SUBGRADES SHALL BE INSPECTED AND APPROVED UNDER THE SUPERVISION OF A REGISTERED PROFESSIONAL ENGINEER PRIOR TO BEING CONCRETED. SLABS AND FOOTINGS SHALL NOT BE PLACED UNTIL FILL TEST REPORTS HAVE BEEN CHECKED AND APPROVED BY THE ENGINEER. PRIOR TO PLACING CONCRETE, EXISTING SOIL CONDITIONS SHALL BE INSPECTED AND VERIFIED BY THE ENGINEER. ALL UNSUITABLE SOIL SHALL BE REMEDIATED AS DIRECTED BY THE ENGINEER. CONTROLLED FILL, EITHER STRUCTURAL FILL OR SLAB BASE SHALL BE INERT, GRANULAR FILL, FREE FROM ORGANICS AND DEBRIS. ALL CONTROLLED FILL PLACED SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DRY UNIT WEIGHT AS DETERMINED BY THE MODIFIED PROCTOR TEST, ASTM D1557.

CONCRETE NOTES:

ALL CONCRETE WORK SHALL CONFORM TO ACI "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", ACI-318 - LATEST EDITION, AND "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", ACI-315 - LATEST EDITION.

ALL CONCRETE FORMWORK SHALL CONFORM WITH ACI "RECOMMENDED PRACTICES FOR CONCRETE FORMWORK", ACI-347.

ALL STRUCTURAL CONCRETE SHALL CONFORM WITH ACI "SPECIFICATIONS FOR STRUCTURAL CONCRETE BUILDINGS", ACI-301.

AIR ENTRAIN ALL EXTERIOR CONCRETE AND CONCRETE EXPOSED TO WEATHER..

ALL CONCRETE FOR FOOTINGS, SLABS, AND FOUNDATIONS SHALL BE NORMAL WEIGHT CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 4,000 PSI.

ALL CONCRETE SHALL BE CONTINUOUSLY MOIST CURED FOR SEVEN (7) DAYS MINIMUM. CONCRETE SHALL BE KEPT MOIST BY FOG SPRAYING, CURING PAPER AND/OR ACCEPTABLE CURING COMPOUNDS.

CONTRACTOR SHALL SUBMIT MIX DESIGNS FOR APPROVAL. MIX DESIGN SHALL INDICATE 28-DAY STRENGTHS, CEMENT CONTENT, AIR CONTENT, WATER-CEMENT RATIO, AMOUNT OF FINE AND COARSE AGGREGATES, AND ADMIXTURES.
- MAX. WATER-CEMENT RATIO = 0.45
- MAX. SLUMP = 4"
- MAX. AGGREGATE SIZE = 3/4" TO 1"

CEMENT SHALL BE PORTLAND CEMENT, TYPE I OR II, CONFORMING TO ASTM C-150. AGGREGATES SHALL CONFORM TO ASTM C-33. AIR ENTRAINING ADMIXTURES SHALL CONFORM TO ASTM C-260. NON-SHRINK GROUT SHALL CONFORM TO ASTM C-109. EXPANSION JOINTS SHALL BE 1/2" THICK ASPHALT IMPREGNATED FIBERBOARD JOINT MATERIAL, CONFORMING TO ASTM D-1751. CURING COMPOUND SHALL BE CLEAR, CONFORMING TO ASTM C-309.

COLD WEATHER CONCRETE WORK SHALL CONFORM TO ACI-306.

HOT WEATHER CONCRETE WORK SHALL CONFORM TO ACI-305.

ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60. WELDED WIRE MESH SHALL CONFORM TO ASTM A185 AND ASTM A82.

WELDED WIRE MESH SHALL HAVE MINIMUM END AND SIDE LAPS OF 1'-0".

CONCRETE ACCESSORIES SHALL BE ADEQUATE TO MAINTAIN REINFORCING ACCURATELY IN PLACE AND BE NON-CORROSIVE, NON-STAINING TYPE.

LAP ALL BAR REINFORCING PER ACI-318. STAGGER SPLICES IN WALLS AND SLABS AND ALL HORIZONTAL REINFORCEMENT.

CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL (AS IN WALLS AND COLUMNS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. USE HOPPERS, CHUTES OR TRUNKS OF VARYING LENGTHS SO THAT THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED FIVE (5) FEET.
MINIMUM REINFORCEMENT COVER, UNLESS NOTED OTHERWISE:
-CONCRETE CAST AGAINST EARTH: 3"
-CONCRETE EXPOSED TO EARTH OR WEATHER:
- No. 6 TO No. 18 BARS - 2"
- No. 5 AND SMALLER - 1 1/2"

-CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
- No. 11 AND SMALLER - 3/4"

ALL CONCRETE WORK, REINFORCING PLACEMENT, AND FORMWORK SHALL BE INSPECTED BY AN INDEPENDENT TESTING AGENCY RETAINED BY THE OWNER FOR THE FOLLOWING ITEMS:
- INSPECT BOTTOM OF FOOTING SOIL CONDITIONS.
- INSPECT FORMWORK AND PLACEMENT OF CONCRETE.
- SAMPLING FRESH CONCRETE PER ASTM C-172, MODIFIED FOR SLUMP BY ASTM C-94.
- SLUMP PER ASTM C-143. ONE TEST AT POINT OF DISCHARGE FOR EACH DAYS POUR FOR EACH TYPE OF CONCRETE.
- AIR CONTENT PER ASTM C-173 (VOLUMETRIC) OR ASTM C-231 (PRESSURE). ONE TEST FOR EACH DAYS POUR FOR EACH TYPE OF CONCRETE.
- COMPRESSION TEST CYLINDERS PER ASTM C-31 (4 CYLINDERS)
- CONCRETE TEMPERATURE - TEST EACH TIME A SET OF CYLINDERS IS CAST.
- COMPRESSION STRENGTH TEST PER ASTM C-39. ONE SET FOR EACH DAYS POUR PLUS ADDITIONAL SETS FOR EACH 50 cy OVER AND ABOVE THE FIRST 25 cy. ONE CYLINDER TESTED AT 7 DAYS, TWO CYLINDERS TESTED AT 28 DAYS, AND ONE CYLINDER RETAINED FOR LATER TESTING IF REQUIRED.

WOOD NOTES:

WOOD CONSTRUCTION SHALL BE IN ACCORDANCE WITH CHAPTER 23 OF THE BUILDING CODE.

ALL LUMBER FRAMING MEMBERS ARE TO HAVE THE FOLLOWING MINIMUM BASE DESIGN VALUES IN ACCORDANCE WITH THE LATEST ISSUE OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS) AS PUBLISHED BY THE AMERICAN FOREST AND PAPER ASSOCIATION (AFPA):

PSL 2.0E:	DF: DOUGLAS FIR, No. 2 OR BETTER:
F_b = 2900 PSI	F_b = 900 PSI
F_v = 290 PSI	F_v = 180 PSI
F_t = 2300 PSI	F_t = 575 PSI
$F_{c\perp}$ = 2900 PSI	$F_{c\perp}$ = 1350 PSI
$F_{c,PERP}$ = 525 PSI	$F_{c,PERP}$ = 625 PSI
E = 2,000,000 PSI.	E = 1,600,000 PSI

ALL SILLS SHALL BE DOUGLAS FIR #2 OR GREATER

ALL FRAMING LUMBER SHALL BE AS GRADED PER AMERICAN LUMBER STANDARDS (U.N.O.) WITH MINIMUM GRADES AS FOLLOWS:
- STUDS: 2x - DOUGLAS FIR No.2 & BETTER, OR 1.5E LSL.
- POSTS: MULTIPLE 2x - DOUGLAS FIR No. 2 & BETTER, OR 2.0E PSL.
- PLATES, BLOCKS, AND MISC.: DOUGLAS FIR No. 2 OR BETTER, OR 2.0E PSL.
- JOISTS: 2x - DOUGLAS FIR No. 2 OR BETTER, OR 2.0E PSL.
- BEAMS AND HEADERS: MULTIPLE 2x - DOUGLAS FIR No. 2 OR BETTER, OR 2.0E PSL.

ALL WOOD SHEATHING SHALL BE STRUCTURAL 1 APA-RATED.

PLYWOOD SHALL BE CONTINUOUS OVER TWO (2) OR MORE SPANS AND FACE GRAIN PERPENDICULAR TO SUPPORT.

NAILING OF MULTIPLE MEMBERS SHALL BE AS REQUIRED BY THE MANUFACTURER. BEARING OF ALL BEAMS SHALL BE THREE (3) INCHES MINIMUM.

ALL WOOD OR ENGINEERED LUMBER MEMBERS IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.

ROOF SHEATHING FASTENERS SHALL BE SPACED AT 6" o.c. AT EDGES, AND AT 12" o.c. AT INTERMEDIATE SUPPORTS, U.N.O.

COMMON NAILS ARE REQUIRED FOR SHEAR WALLS, INCLUDING PLATE NAILING, TIE-DOWNS, HANGERS, AND LEDGERS.

BOX NAILS REQUIRE 1/3 MORE NAILS THAN LISTED ABOVE. CEMENT COATED SINKERS ARE CONSIDERED BOX NAILS.

STUDS:

NOTCHED AND/OR CUT STUDS TO CLEAR ANCHOR BOLTS ARE NOT ALLOWED. STUDS SHALL HAVE FULL BEARING TO THE BOTTOM PLATES.

SEE ARCHITECTURAL DRAWINGS FOR ALL NON-BEARING AND NON-SHEAR WALLS.

STACK ALL BEARING STUDS, CRIPPLE STUDS AND POSTS FROM ROOF AND ALL FLOOR LEVELS DOWN TO THE CONCRETE SLAB.

PROVIDE SOLID BLOCKING BETWEEN FLOORS FOR ALL POSTS. ALL POSTS SHALL STACK AND BE CONTINUOUS TO THE CONCRETE SLAB.

CARPENTRY NOTES-

WALLS SHOWN ARE BELOW FRAMING LEVEL AT FLOOR AND ROOF FRAMING PLANS.

VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.

SEE ARCHITECTURAL DRAWINGS FOR WALLS AND DIMENSIONS NOT SHOWN OR NOTED.

SEE ARCHITECTURAL OR CIVIL DRAWINGS FOR WALKS, RAMPS, PATIOS, ETC., NOT SHOWN OR NOTED.

VERIFY PLATE AND FRAMING ELEVATIONS WITH ARCHITECTURAL DRAWINGS.

SEE ARCHITECTURAL DRAWINGS FOR ROOF SLOPES, ELEVATION, AND DRAINAGE.

USE POWDER ACTUATED FASTENERS AT 16" OC MAX. WITH 2x PRESSURE TREATED SILL PLATES AT NON-BEARING AND NON-SHEAR WALLS AT CONCRETE SLAB ONLY.

CRIPPLE WALLS SHALL BE A MINIMUM OF 12" IN HEIGHT. FOR LESSER HEIGHTS, STACK 2x PLATES (AND SHIM AS REQUIRED).

NOTCHED AND/OR CUT JOISTS ARE NOT ALLOWED. VERIFY ALL JOIST OPENINGS WITH STRUCTURAL ENGINEER PRIOR TO STARTING WORK.

WOOD CONSTRUCTION SHALL BE PER AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (AITC) STANDARDS AND SPECIFICATIONS, AND NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS) AS PUBLISHED BY THE AMERICAN FOREST AND PAPER ASSOCIATION (AFPA).

PROVIDE TWO (2) JACK STUDS AND TWO (2) KING STUDS AT EACH END OF WOOD HEADERS, TYPICAL, UNLESS NOTED OTHERWISE.

SHEATHING SHALL BE CONTINUOUS OVER TWO (2) OR MORE SPANS AND FACE GRAIN PERPENDICULAR TO SUPPORT.

SHEATHING FOR ROOF: 5/8" STRUCTURAL 1 APA-RATED SHEATHING. SEE ARCHITECTURAL DRAWINGS FOR EXPOSED OVERHANGS AND CEILINGS.

SHEATHING FOR SUBFLOORS: 3/4" STRUCTURAL 1 APA-RATED TONGUE AND GROOVE SHEATHING, U.N.O.

SHEATHING FOR EXTERIOR WALLS: 7/16" APA-RATED ZIP-SHEATHING, U.N.O.

SHEATHING FOR EXTERIOR AND INTERIOR SHEAR WALLS: STRUCTURAL 1 APA RATED SHEATHING, THICKNESS PER SHEARWALL SCHEDULE

JOIST HANGERS, STRAPS, CLIPS AND TIE-DOWNS SHALL BE MANUFACTURED BY THE "SIMPSON STRONG-TIE COMPANY, INC." OR APPROVED EQUAL.

NAILING OF MULTIPLE MEMBERS SHALL BE AS REQUIRED BY THE MANUFACTURER. BEARING OF ALL BEAMS SHALL BE 1 1/2" INCHES MINIMUM.

LAMINATED BEAMS SHALL NOT BE USED IN LOCATIONS EXPOSED TO WEATHER, UNLESS THEY HAVE BEEN PRESSURE TREATED AND WATER REPELLENT APPLIED.

ALL WOOD OR ENGINEERED LUMBER MEMBERS IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.

NAILING SCHEDULE - IN ACCORDANCE WITH CHAPTER 23, THE BUILDING CODE.

IF NAILING IS NOT NOTED OR SHOWN IN THE DETAILS OR PLANS, USE THE FOLLOWING MINIMUM CRITERIA:
- JOIST TO SILL OR GIRDER, TOE NAIL.....(3)-8d
- CONTINUOUS RIM JOIST TO DBL TOP PLATES.....16d @ 8" o.c.
- BRIDGING TO JOIST, TOENAIL EACH END.....(2)-8d
- SOLE PLATE TO JOIST OR BLOCKING, FACE NAIL.....16d @ 8" o.c.
- TOP PLATE TO STUD, END NAIL.....(2)-16d
- STUD TO SOLE PLATE.....(4)-8d, TOENAIL OR (2)-16D, END NAIL
- DOUBLE STUDS, FACE NAIL.....16d @ 24" o.c.
- DOUBLE TOP PLATES, FACE NAIL.....16d @ 16" o.c.
- TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL.....(2)-16d
- CONTINUOUS HEADER, TWO PIECES.....16d @ 16" o.c. STAGGERED ALONG EDGE
- CEILING JOISTS TO PLATE, TOE NAIL.....(3)-8d
- CONTINUOUS HEADER TO STUD, TOE NAIL.....(4)-8d
- CEILING JOISTS, LAPS OVER PARTITION, FACE NAIL.....(3)-16d
- CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL.....(3)-16d
- RAFTER TO PLATE, TOE NAIL.....(3)-8d
- 1" BRACE TO EACH STUD AND PLATE, FACE NAIL.....(2)-8d
- 1"x8" SHEATHING OR LESS TO EACH BRG, FACE NAIL.....(3)-8d
- WIDER THAN 1"x8" SHEATHING TO EACH BRG, FACE NAIL...(3)-8d
- BUILT-UP CORNER STUDS.....16d @ 16" o.c.
- PLYWOOD OR OSB:
  - FLOOR, WALL, AND ROOF SHEATHING (TO FRAMING):
    - 1/2", 5/8", 3/4".....10d

SUBFLOOR FASTENERS SHALL BE SPACED AT 6" OC. AT EDGES, AND AT 12" OC. AT INTERMEDIATE SUPPORTS, UNLESS OTHERWISE NOTED. USE RING SHANK NAILS.

WALL SHEATHING FASTENERS SHALL BE SPACED AS NOTED ON THE SECTIONS AND DETAILS.

ROOF SHEATHING FASTENERS SHALL BE SPACED AT 6" OC AT EDGES, AND AT 12" OC AT INTERMEDIATE SUPPORTS, U.N.O.

BOX NAILS MAY BE USED FOR ABOVE NAILING WITH APPROVAL FROM THE ENGINEER.

COMMON NAILS ARE REQUIRED FOR SHEAR WALLS, INCLUDING PLATE NAILING, TIE-DOWNS, HANGERS, AND LEDGERS.

BOX NAILS REQUIRE 1/3 MORE NAILS THAN LISTED ABOVE. CEMENT COATED SINKERS ARE CONSIDERED BOX NAILS.

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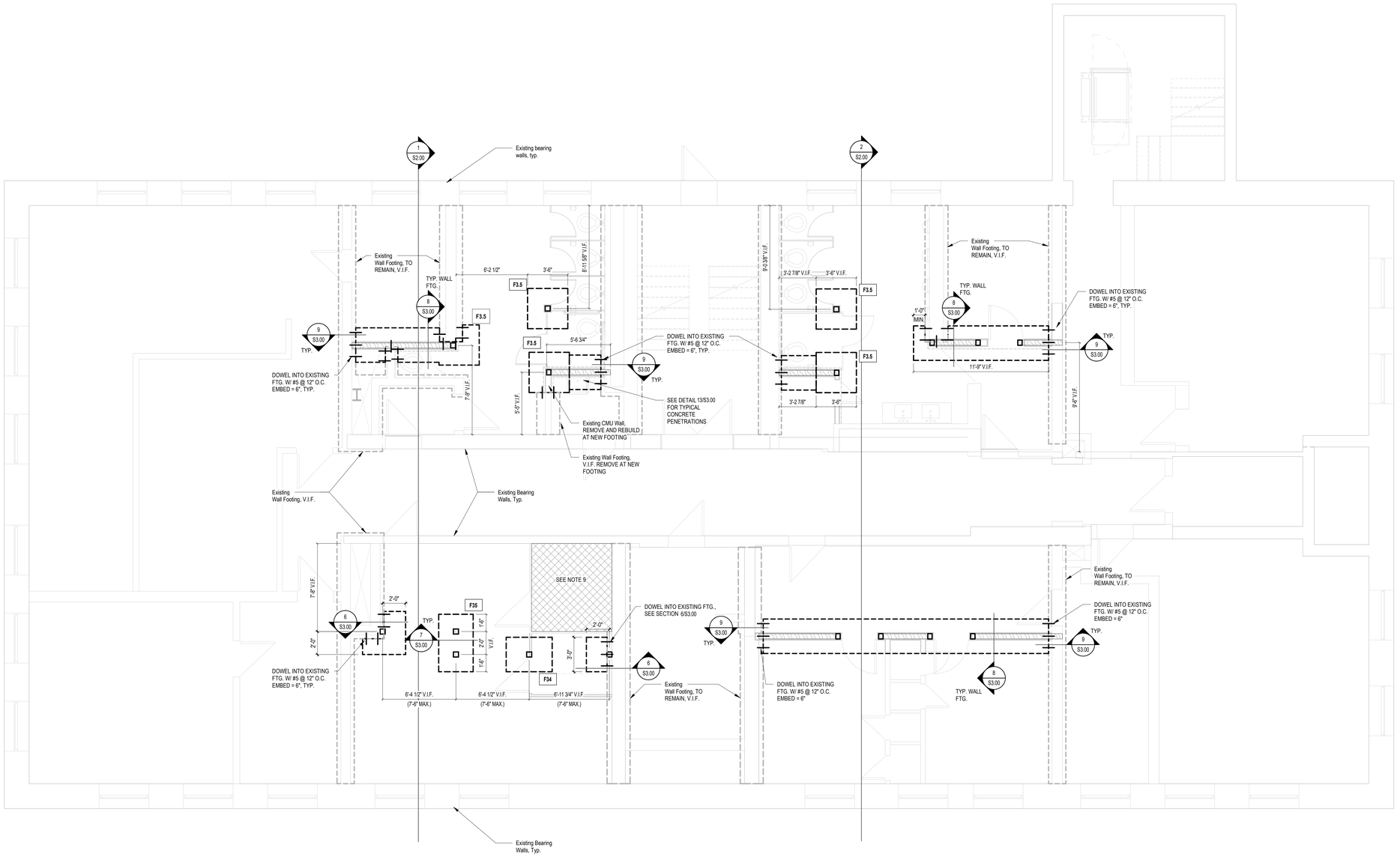
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STRUCTURAL GENERAL NOTES

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1 BASEMENT AND FOUNDATION PLAN

1/4" = 1'-0"

FOUNDATION PLAN NOTES:

1. THE EXISTING PLANS ARE BASED OFF OF EXISTING DRAWINGS AND FIELD MEASUREMENTS. ALL DIMENSIONS AND ELEVATIONS SHALL BE FIELD VERIFIED.
2. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
3. FLOOR FRAMING SHOWN IS SUPPORTING THE FLOOR ABOVE. SEE THE FIRST FLOOR FRAMING FOR WALL AND HEADER SIZES.
4. CONTRACTOR TO PERFORM PRICING OPTION FOR JACKING OF THE EXISTING 1ST FLOOR. JACKING WILL CONSIST OF USING JACK POSTS AND UNIFORMLY JACKING THE FLOOR IN 1/4 INCH INCREMENTS OVER THE COURSE OF 2 WEEKS UNTIL A UNIFORM TOLERANCE IS ACCEPTED. CURRENT DEFLECTIONS ARE REPORTED BETWEEN 2" TO 4".
5. SEE SHEET S1.01 FOR WALL TYPES.
6. DIMENSIONS TO NEW SUPPORTS ARE APPROXIMATE. FIELD SHIFTING IS ALLOWABLE TO AVOID UTILITIES.
7. SHIMMING IS ALLOWABLE WHERE REQUIRED TO AVOID UTILITIES. VERIFY HEADER AND WALL HEIGHTS IN FIELD.
8. CONTRACTOR TO PROVIDE NEW FRAMING PRIOR TO REMOVAL OF EXISTING SUPPORTS. ADDITIONAL SHORING WILL BE REQUIRED WHERE STAGING CAN NOT BE SATISFIED TO LIMIT DEFLECTIONS.
9. [hatched] AREA ASSUMED TO BE OFF-LIMITS FOR EXCAVATIONS. COORDINATE WITH ELECTRICAL PLANS TO LIMIT DISTURBANCE IN THIS AREA.
10. CONTRACTOR SHALL FIELD VERIFY THE CONDITION, LOCATION, AND EXTENTS OF EXISTING FOUNDATIONS PRIOR TO DRILLING OR DOWELING. IF DETERIORATED OR OTHERWISE UNSUITABLE CONCRETE IS ENCOUNTERED, COORDINATE WITH THE EOR PRIOR TO PROCEEDING.
11. PROVIDE NEW UNDERSLAB VAPOR RETARDER BELOW ALL SLAB PATCHES ASSOCIATED WITH NEW FOOTINGS. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND MAINTAIN CONTINUITY THROUGHOUT PATCH AREA. UNDERSLAB VAPOR RETARDER IS PROVIDED ONLY WITHIN LIMITS OF NEW WORK AND IS NOT INTENDED TO SERVE AS A COMPLETE BASEMENT WATERPROOFING SYSTEM OR TO CORRECT EXISTING MOISTURE, WATER INFILTRATION, GROUNDWATER, OR DRAINAGE CONDITIONS.
12. THE GENERAL CONTRACTOR SHALL, WITHIN THIRTY (30) DAYS OF EXECUTION OF THE CONTRACT, OBTAIN A GROUND PENETRATING RADAR (GPR) SURVEY AND/OR SLAB X-RAY OF EXISTING CONCRETE SLABS IN AREAS AFFECTED BY THE WORK TO IDENTIFY REINFORCING, EMBEDDED ITEMS, SUBSURFACE STRUCTURES, UTILITIES, OR OTHER EXISTING CONDITIONS THAT MAY IMPACT THE EXECUTION OF THE WORK. UPON RECEIPT, THE GENERAL CONTRACTOR SHALL PROMPTLY SUBMIT THE SURVEY RESULTS AND ALL ASSOCIATED FINDINGS TO THE OWNER AND ENGINEER OF RECORD FOR REVIEW AND COORDINATION OF EXISTING CONDITIONS WITH THE PROPOSED WORK. ANY CONDITIONS THAT CONFLICT WITH THE CONSTRUCTION DOCUMENTS OR MAY IMPACT THE EXECUTION OF THE WORK SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER OF RECORD PRIOR TO PERFORMANCE OF THE AFFECTED WORK.

FOOTING SCHEDULE

FOOTING MARK	SIZE (LxWxH)	REINFORCING (BOTTOM, UON)	REFERENCE
F3.5	3'-6"x3'-6"x1'-0"	w/ (5) - #5 Bars Each Way	7/S3.00
F34	3'-0"x4'-0"x1'-0"	w/ (5) - #5 Bars Each Way	7/S3.00
F35	3'-0"x5'-0"x1'-0"	w/ (5) - #5 Bars Each Way	7/S3.00

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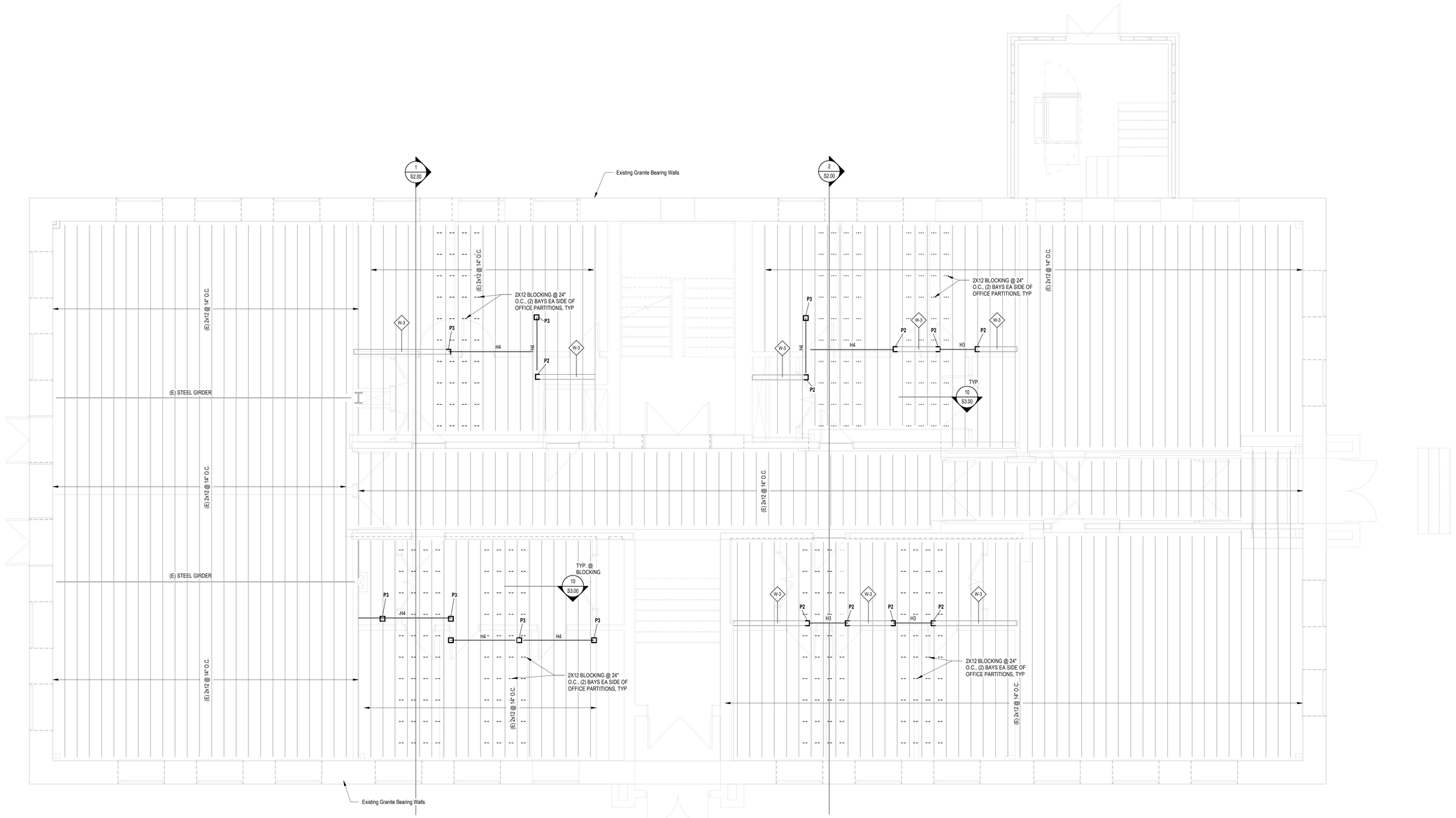
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BASEMENT AND FOUNDATION PLAN

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1 STRUCTURAL FIRST FLOOR FRAMING PLAN

1/4" = 1'-0"

FLOOR PLAN NOTES:

1. THE EXISTING PLANS ARE BASED OFF OF EXISTING DRAWINGS AND FIELD MEASUREMENTS. ALL DIMENSIONS AND ELEVATIONS SHALL BE FIELD VERIFIED.
2. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
3. FLOOR FRAMING SHOWN IS FOR FRAMING BELOW SUPPORTING THE CURRENT FLOOR.
4. "P-x" DENOTES POST TYPE. SEE POST SCHEDULE ON THIS SHEET FOR SIZE AND TYPE.
5. "H-x" DENOTES HEADER TYPE. SEE HEADER SCHEDULE ON THIS SHEET FOR SIZE AND TYPE.
6. "W-x" DENOTES WALL TYPE. SEE WALL SCHEDULE ON THIS SHEET FOR SIZE, SPACING, AND FASTENING REQUIREMENTS.
7. PROVIDE SIMPSON MGUS.5 HANGER AT PSL BEAM TO BEAM CONNECTION LOCATIONS.
8. SEE DETAIL 11/S3.00 FOR TYPICAL FASTENING OF EXISTING FLOOR JOIST TO NEW SUPPORTS.
9. DIMENSIONS TO NEW SUPPORTS ARE APPROXIMATE. FIELD SHIFTING IS ALLOWABLE TO AVOID UTILITIES.
10. SHIMMING IS ALLOWABLE WHERE REQUIRED TO AVOID UTILITES. VERIFY HEADER AND WALL HEIGHTS IN FIELD.

HEADER SCHEDULE

HEADER MARK	HEADER TYPE
H1	3.5x7 PARALLAM PSL 2.0E
H3	5.25x7 PARALLAM PSL 2.0E
H4	5.25x14 PARALLAM PSL 2.0E

POST SCHEDULE

MARK	SIZE	TYPE
P1	(2)-2x6	DF #2
P2	(3)-2x6	DF #2
P3	5 1/4x5 1/4	PSL

POST SCHEDULE NOTES:

1. PROVIDE SIMPSON PB66 POST BASES, OR EQUIVALENT, AT P3 POSTS.
2. PROVIDE SIMPSON CC66 POST CAPS, OR EQUIVALENT, AT P3 POSTS.
3. OPTION TO SUBSTITUTE P1 W/ (3)-2x4 WHERE 2X4 WALL OPTION IS SELECTED.
4. OPTION TO SUBSTITUTE P2 W/ (4)-2x4 WHERE 2X4 WALL OPTION IS SELECTED.

WALL SCHEDULE

WALL MARK	STUDS	TOP PLATE	BOTTOM PLATE
W-1	OPTION 1: 2x6 @ 16" O.C. OPTION 2: (2) 2x4 @ 24" O.C.	DOUBLE 2x MATCH STUD WIDTH	SINGLE 2x MATCH STUD WIDTH
W-2	OPTION 1: 2x6 @ 16" O.C. OPTION 2: (2) 2x4 @ 16" O.C.	DOUBLE 2x MATCH STUD WIDTH	SINGLE 2x MATCH STUD WIDTH
W-3	2x6 @ 16" O/C	DOUBLE 2x6	SINGLE 2x6

NOTES:
1. ALL WOOD BEARING WALLS, SHALL BE BLOCKED AND SHEATHED W/ 1/2" PLYWOOD, ONE SIDE.
2. SHEATHING SHALL BE FASTENED WITH 8d NAILS AT 6" O.C. AT ALL PANEL EDGES, AND 8d NAILS AT 12" O.C. ALONG INTERMEDIATE FRAMING MEMBERS.
3. SEE DETAIL 3/S3.00 FOR WALL PANEL LAYOUT.
4. AT SILL TO CONCRETE CONNECTIONS, PROVIDE TITAN HD 1/2" W/ 3 1/4" EMBED AT 32" O.C.
5. AT SILL TO WOOD FLOOR CONNECTIONS, PROVIDE SIMPSON SDS 1/4x6" SCREW AT 16" O.C.

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NO	DATE	DESCRIPTION

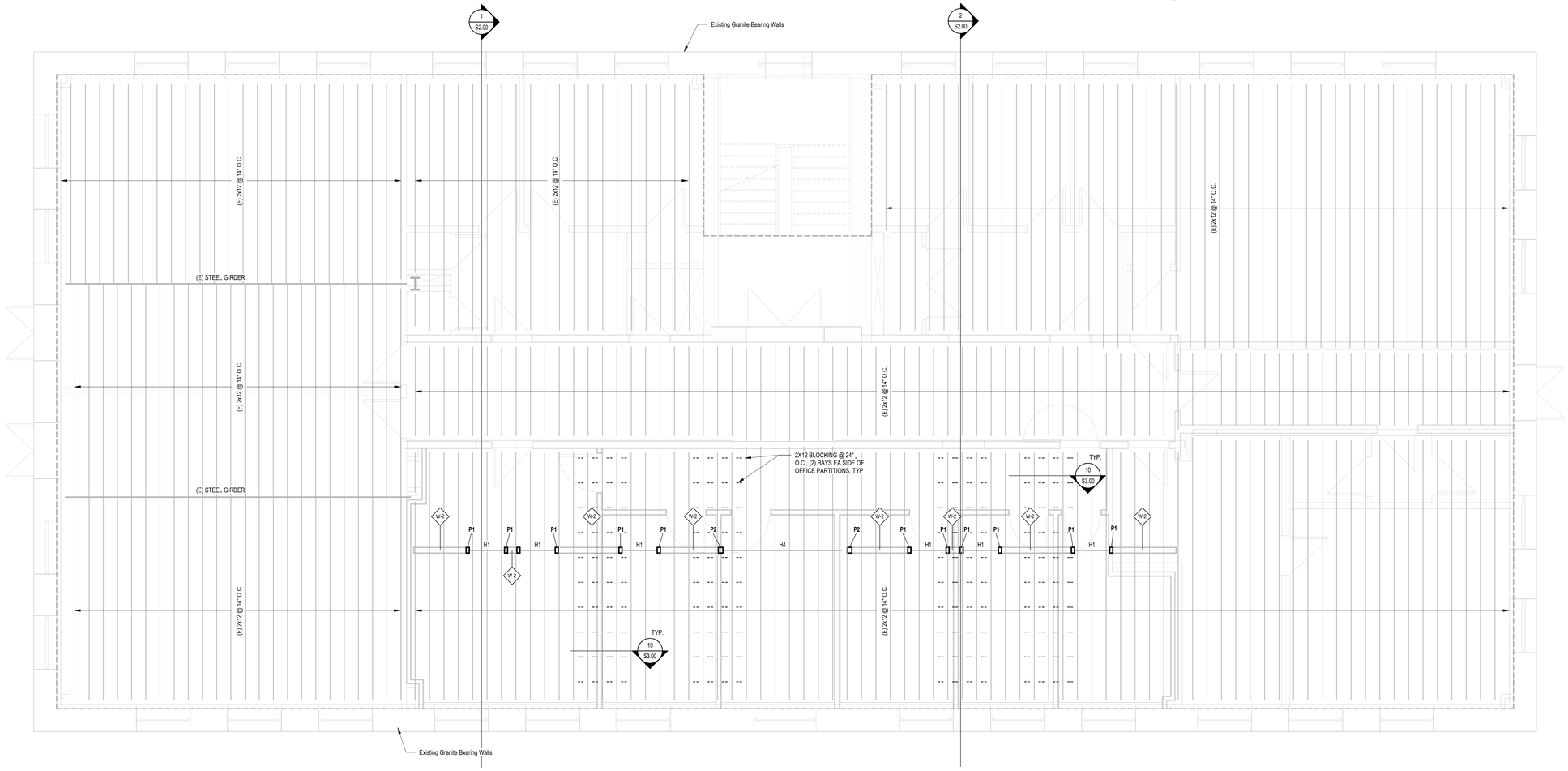
Designed:	KJP
Drawn:	JRM
Reviewed:	JRM
Project No.:	2503449
Date:	10/21/2026
Issued for:	BID

Title:
FIRST FLOOR FRAMING PLAN

Sheet No.
S1.01

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1 STRUCTURAL SECOND FLOOR FRAMING PLAN

1/4" = 1'-0"

FLOOR PLAN NOTES:

1. THE EXISTING PLANS ARE BASED OFF OF EXISTING DRAWINGS AND FIELD MEASUREMENTS. ALL DIMENSIONS AND ELEVATIONS SHALL BE FIELD VERIFIED.
2. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
3. FLOOR FRAMING SHOWN IS FOR FRAMING BELOW SUPPORTING THE CURRENT FLOOR.
4. "P-x" DENOTES POST TYPE. SEE POST SCHEDULE ON THIS SHEET FOR SIZE AND TYPE.
5. "H-x" DENOTES HEADER TYPE. SEE HEADER SCHEDULE ON THIS SHEET FOR SIZE AND TYPE.
6. "W-x" DENOTES WALL TYPE. SEE WALL SCHEDULE ON THIS SHEET FOR SIZE, SPACING, AND FASTENING REQUIREMENTS.
7. PROVIDE SIMPSON MGU5.5 HANGER AT PSL BEAM TO BEAM CONNECTION LOCATIONS.
8. SEE DETAIL1/S3.00 FOR TYPICAL FASTENING OF EXISTING FLOOR JOIST TO NEW SUPPORTS.
9. DIMENSIONS TO NEW SUPPORTS ARE APPROXIMATE. FIELD SHIFTING IS ALLOWABLE TO AVOID UTILITIES.
10. SHIMMING IS ALLOWABLE WHERE REQUIRED TO AVOID UTILITES. VERIFY HEADER AND WALL HEIGHTS IN FIELD.

HEADER SCHEDULE

HEADER MARK	HEADER TYPE
H1	3.5x7 PARALLAM PSL 2.0E
H3	5.25x7 PARALLAM PSL 2.0E
H4	5.25x14 PARALLAM PSL 2.0E

POST SCHEDULE

MARK	SIZE	TYPE
P1	(3)-2x6	DF #2
P2	(3)-2x6	DF #2
P3	5 1/4x5 1/4	PSL

WALL SCHEDULE

WALL MARK	STUDS	TOP PLATE	BOTTOM PLATE
W-1	OPTION 1: 2x6 @ 16" O.C. OPTION 2: (2) 2x4 @ 24" O.C.	DOUBLE 2x MATCH STUD WIDTH	SINGLE 2x MATCH STUD WIDTH
W-2	OPTION 1: 2x6 @ 16" O.C. OPTION 2: (2) 2x4 @ 16" O.C.	DOUBLE 2x MATCH STUD WIDTH	SINGLE 2x MATCH STUD WIDTH
W-3	2x6 @ 16" O/C	DOUBLE 2x6	SINGLE 2x6

NOTES:
1. ALL WOOD BEARING WALLS, SHALL BE BLOCKED AND SHEATHED W/ 1/2" PLYWOOD, ONE SIDE.
2. SHEATHING SHALL BE FASTENED WITH 8d NAILS AT 6" O.C. AT ALL PANEL EDGES, AND 8d NAILS AT 12" O.C. ALONG INTERMEDIATE FRAMING MEMBERS.
3. SEE DETAIL S3S3.00 FOR WALL PANEL LAYOUT.
4. AT SILL TO CONCRETE CONNECTIONS, PROVIDE TITAN HD 1/2" W/ 3 1/4" EMBED AT 32" O.C.
5. AT SILL TO WOOD FLOOR CONNECTIONS, PROVIDE SIMPSON SDS 1/4x6" SCREW AT 16" O.C.

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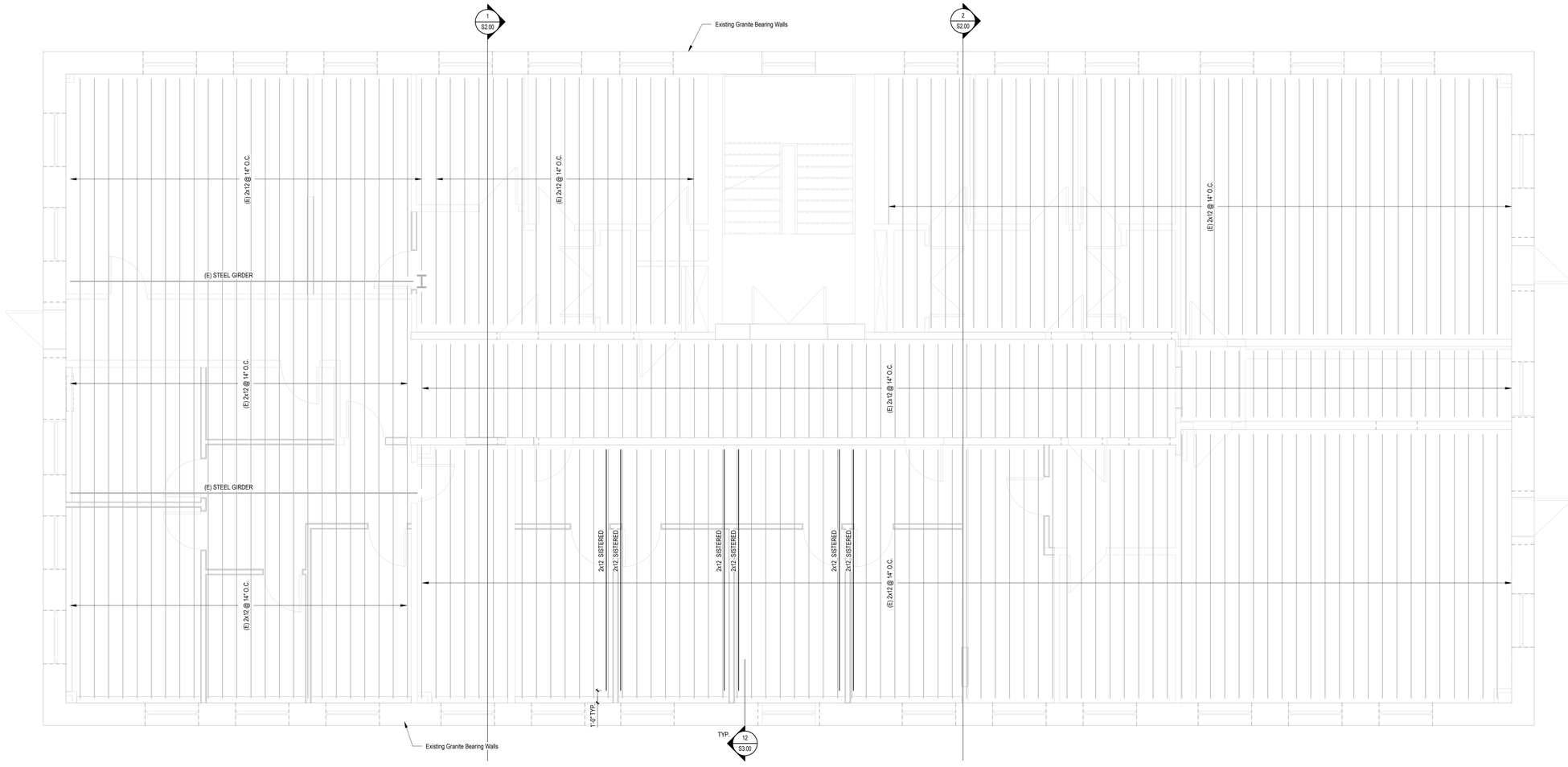
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Title:
SECOND FLOOR FRAMING PLAN

Sheet No.
S1.02

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1 STRUCTURAL THIRD FLOOR FRAMING PLAN

1/4" = 1'-0"

FLOOR PLAN NOTES:

1. THE EXISTING PLANS ARE BASED OFF OF EXISTING DRAWINGS AND FIELD MEASUREMENTS. ALL DIMENSIONS AND ELEVATIONS SHALL BE FIELD VERIFIED.
2. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
3. FLOOR FRAMING SHOWN IS FOR FRAMING BELOW SUPPORTING THE CURRENT FLOOR.
4. "P-x" DENOTES POST TYPE. SEE POST SCHEDULE ON THIS SHEET FOR SIZE AND TYPE.
5. "Hx" DENOTES HEADER TYPE. SEE HEADER SCHEDULE ON THIS SHEET FOR SIZE AND TYPE.
6. "W-x" DENOTES WALL TYPE. SEE WALL SCHEDULE ON THIS SHEET FOR SIZE, SPACING, AND FASTENING REQUIREMENTS.
7. PROVIDE SIMPSON MGUS.5 HANGER AT PSL BEAM TO BEAM CONNECTION LOCATIONS.
8. SEE DETAIL 11/S3.00 FOR TYPICAL FASTENING OF EXISTING FLOOR JOIST TO NEW SUPPORTS.
9. DIMENSIONS TO NEW SUPPORTS ARE APPROXIMATE. FIELD SHIFTING IS ALLOWABLE TO AVOID UTILITIES.
10. SHIMMING IS ALLOWABLE WHERE REQUIRED TO AVOID UTILITES. VERIFY HEADER AND WALL HEIGHTS IN FIELD.

POST SCHEDULE

MARK	SIZE	TYPE
P1	(2)-2x6	DF #2
P2	(3)-2x6	DF #2
P3	5 1/4x5 1/4	PSL

HEADER SCHEDULE

HEADER MARK	HEADER TYPE
H1	3.5x7 PARALLAM PSL 2.0E
H3	5.25x7 PARALLAM PSL 2.0E
H4	5.25x14 PARALLAM PSL 2.0E

WALL SCHEDULE

WALL MARK	STUDS	TOP PLATE	BOTTOM PLATE
W-1	OPTION 1: 2x6 @ 16" O.C. OPTION 2: (2) 2x4 @ 24" O.C.	DOUBLE 2x MATCH STUD WIDTH	SINGLE 2x MATCH STUD WIDTH
W-2	OPTION 1: 2x6 @ 16" O.C. OPTION 2: (2) 2x4 @ 16" O.C.	DOUBLE 2x MATCH STUD WIDTH	SINGLE 2x MATCH STUD WIDTH
W-3	2x6 @ 16" O/C	DOUBLE 2x6	SINGLE 2x6

NOTES:
1. ALL WOOD BEARING WALLS, SHALL BE BLOCKED AND SHEATHED W/ 1/2" PLYWOOD, ONE SIDE.
2. SHEATHING SHALL BE FASTENED WITH 8d NAILS AT 6" O.C. AT ALL PANEL EDGES, AND 8d NAILS AT 12" O.C. ALONG INTERMEDIATE FRAMING MEMBERS.
3. SEE DETAIL 3/S3.00 FOR WALL PANEL LAYOUT.
4. AT SILL TO CONCRETE CONNECTIONS, PROVIDE TITAN HD 1/2" W/ 3 1/4" EMBED AT 32" O.C.
5. AT SILL TO WOOD FLOOR CONNECTIONS, PROVIDE SIMPSON SDS 1/4x6" SCREW AT 16" O.C.

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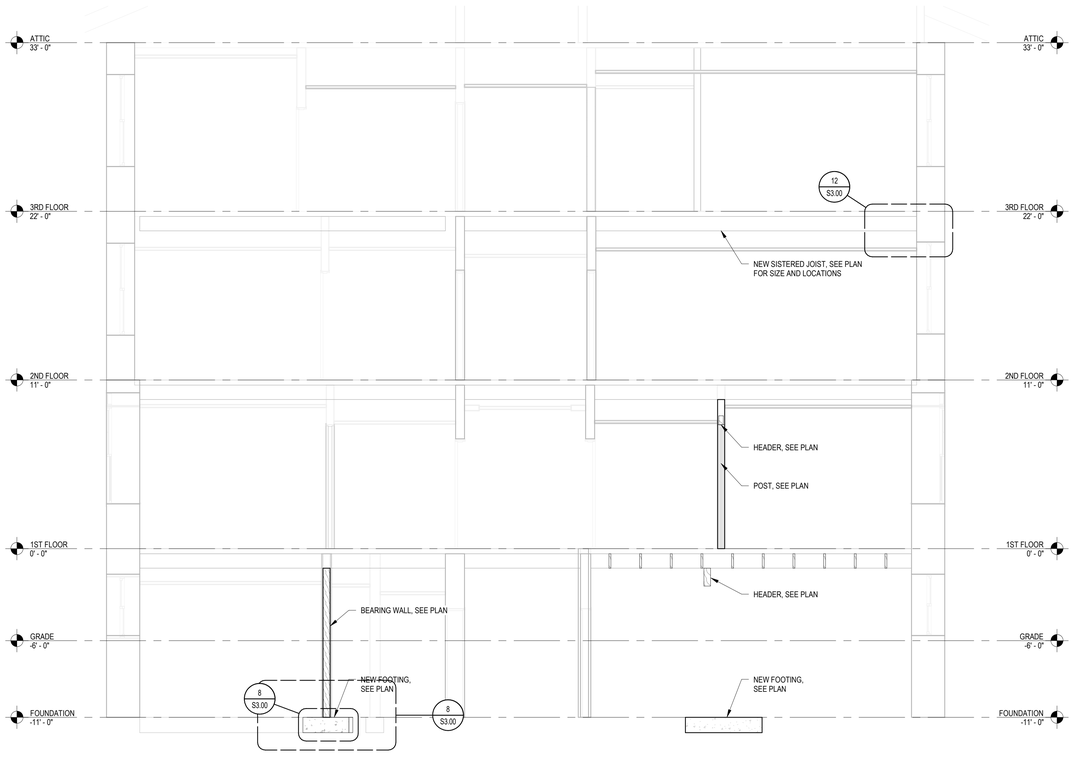
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THIRD FLOOR FRAMING PLAN

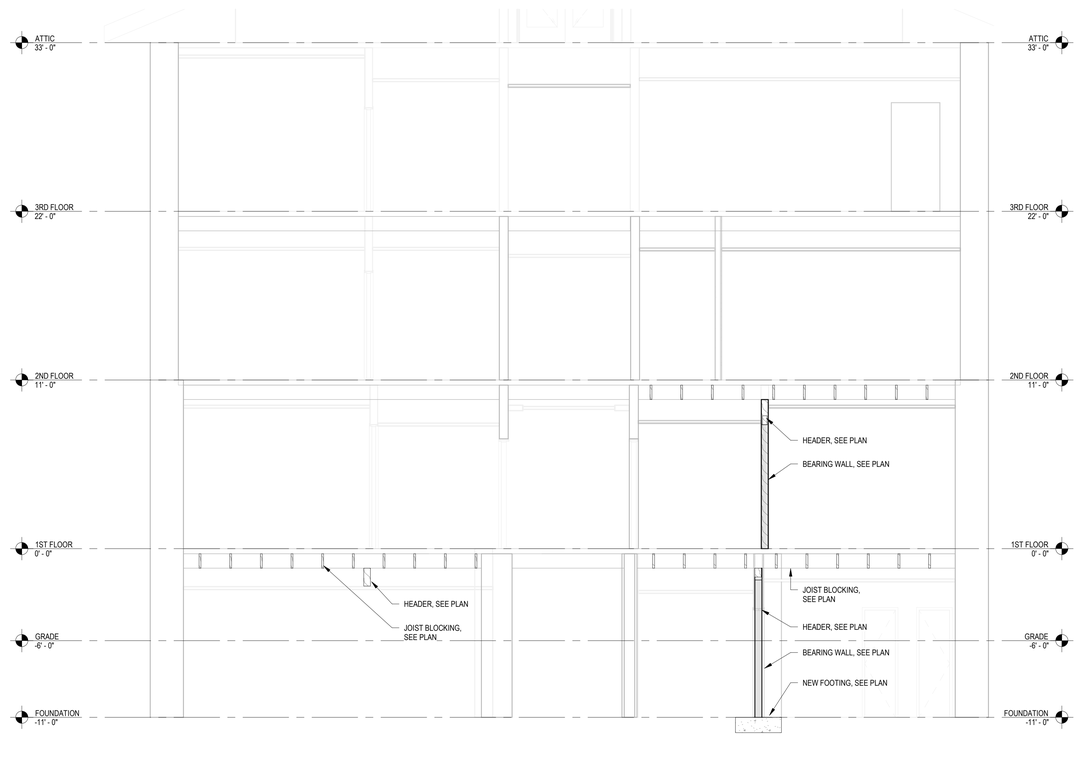
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1 SECTION AT OFFICES
1/4" = 1'-0"



2 SECTION AT OFFICES
1/4" = 1'-0"

SECTION NOTES:

1. DRAWINGS ARE BASED OFF OF EXISTING DRAWINGS AND FIELD MEASUREMENTS. ALL DIMENSIONS AND ELEVATIONS SHALL BE FIELD VERIFIED.
2. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
3. SEE GENERAL NOTES ON SHEET S0.01

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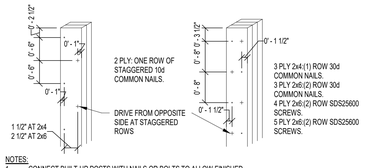
Designed:	KJP
Drawn:	KJP
Reviewed:	JRM
Project No.:	2503449
Date:	10/21/2025
Issued for:	BID

Title:
STRUCTURAL SECTIONS

Sheet No.
S2.00

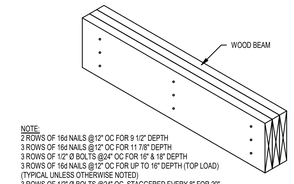
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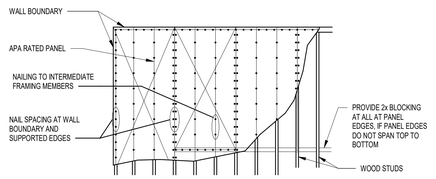
NOTES:
1. CONNECT BUILT-UP POSTS WITH NAILS OR BOLTS TO ALLOW FINISHED MEMBER TO ACT COMPOSITELY. COMPLY WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE NDS, BUT IN NO CASE LESS THAN THE FOLLOWING.
   - (2) PLY 2x4: (1) ROW OF STAGGERED 10d COMMON NAILS AT 12" O.C, SPACED AT 1'-1/2" HORIZ. AND 6" VERT. CENTERED ON MEMBER, WITH ADJACENT NAILS DRIVEN FROM OPPOSITE SIDES OF THE BUILT-UP MEMBER.
   - (2) PLY 2x6: (1) ROW OF STAGGERED 10d COMMON NAILS AT 12" O.C, SPACED AT 2'-1/2" HORIZ. AND 6" VERT. CENTERED ON MEMBER, WITH ADJACENT NAILS DRIVEN FROM OPPOSITE SIDES OF THE BUILT-UP MEMBER.
   - (3) PLY 2x4: (1) ROW OF STAGGERED 30d COMMON NAILS AT 16" O.C, SPACED AT 1'-1/2" HORIZ. AND 8" VERT. CENTERED ON MEMBER, WITH ADJACENT NAILS DRIVEN FROM OPPOSITE SIDES OF THE BUILT-UP MEMBER.
   - (3) PLY 2x6: (2) ROWS OF 30d COMMON NAILS AT 8" O.C EA. SIDE, SPACED AT 1'-1/2" HORIZ. FROM EDGE.
   - (4) PLY 2x6: (2) ROWS OF SIMPSON SDS25600 SCREWS AT 8" O.C EA. SIDE, SPACED AT 1'-1/2" HORIZ. FROM EDGE.
2. "•" DENOTES NAIL LOCATIONS DRIVEN FROM BACK FACE OF ADDITIONAL NAILS WHERE (2) ROWS OF NAILS ARE REQUIRED.

1 TYP. BUILT-UP COLUMN DETAIL
NTS

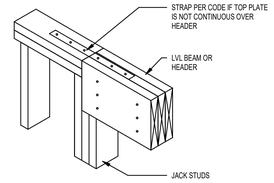


NOTE:
2 ROWS OF 16d NAILS @12" OC FOR 9 1/2" DEPTH
3 ROWS OF 16d NAILS @12" OC FOR 11 7/8" DEPTH
3 ROWS OF 1/2" Ø BOLTS @24" OC FOR 16" & 18" DEPTH
3 ROWS OF 16d NAILS @12" OC FOR UP TO 16" DEPTH (TOP LOAD)
(TYPICAL UNLESS OTHERWISE NOTED)
3 ROWS OF 1/2" Ø BOLTS @24" OC, STAGGERED EVERY 8" FOR 20" DEPTH

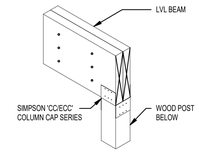
2 MULTIPLE PLY NAILING & BOLTING PATTERN (UP TO 3 PLIES)
1" = 1'-0"



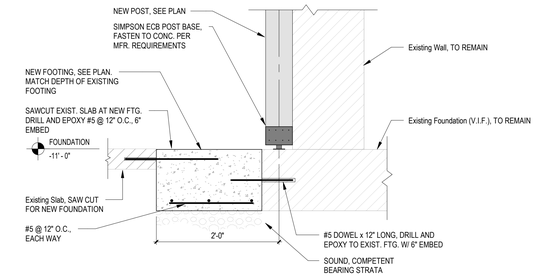
3 WALL PANEL LAYOUT DETAIL
1/4" = 1'-0"



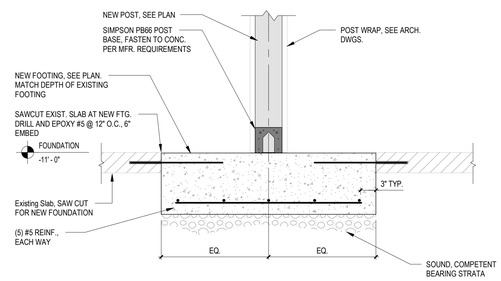
4 END BEARING DETAIL @LVL
1" = 1'-0"



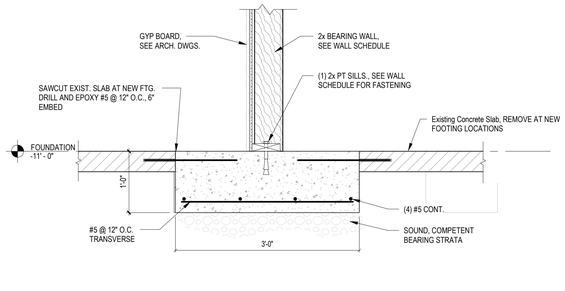
5 END POST DETAIL @LVL BEAM
1" = 1'-0"



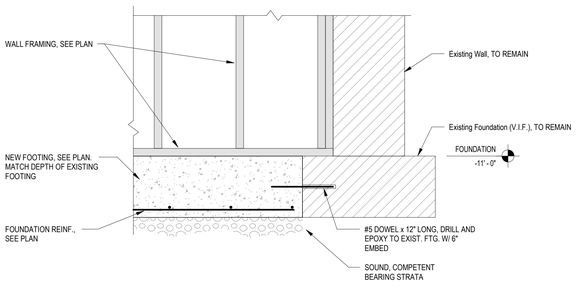
6 POST FOUNDATION AT EXISTING FOOTING
1" = 1'-0"



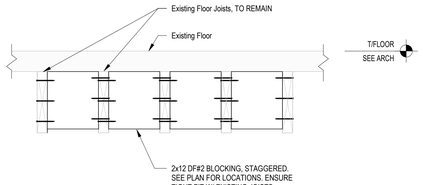
7 TYPICAL POST FOUNDATION DETAIL
1" = 1'-0"



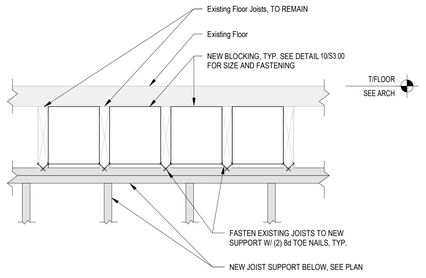
8 SECTION AT STUD WALL
1" = 1'-0"



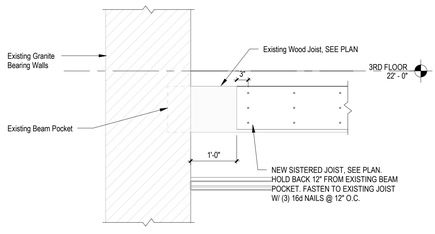
9 WALL FOUNDATION AT EXISTING FOOTING
1" = 1'-0"



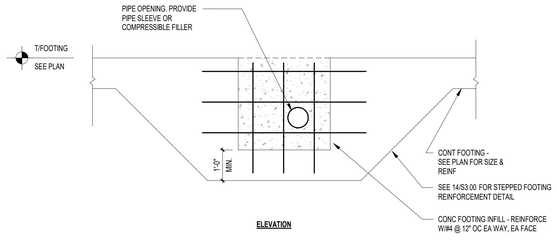
10 JOIST BLOCKING DETAIL
1" = 1'-0"



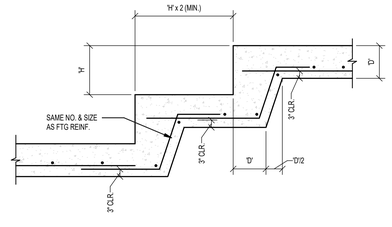
11 TYPICAL JOIST FASTENING DETAIL
1" = 1'-0"



12 DETAIL AT SISTERED BEAMS
3/4" = 1'-0"



13 STEPPED FOOTING AT PENETRATION SLEEVE
1/2" = 1'-0"



14 STEPPED FOOTING DETAIL
1" = 1'-0"

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Title:
TYPICAL DETAILS

Sheet No.
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MANEUVERING CLEARANCES AT DOORS AND DOORWAYS

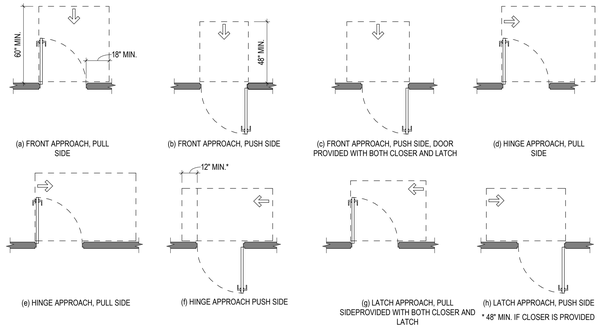


FIGURE 404.2.3.2
MANEUVERING CLEARANCE AT MANUAL SWING DOORS

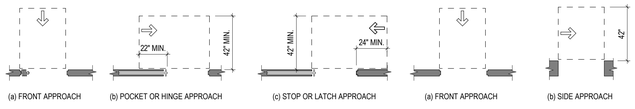


FIGURE 404.2.3.3
MANEUVERING CLEARANCE AT SLIDING AND FOLDING DOORS

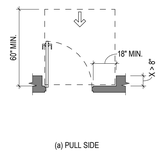


FIGURE 404.2.3.4
MANEUVERING CLEARANCE AT DOORWAYS WITHOUT DOORS

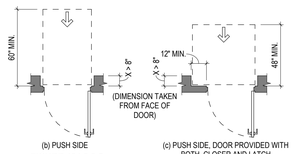
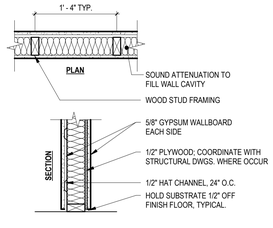


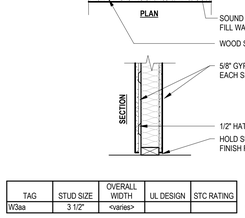
FIGURE 404.2.3.5
MANEUVERING CLEARANCE AT RECESSED DOORS



TAG	STUD SIZE	OVERALL WIDTH	UL DESIGN	STC RATING
W1-6aa	5 1/2"	<varies>	U327	

REFER TO PARTITION TAG FOR HEAD CONDITION DETAIL, INSULATION INFORMATION (SHOWN HERE FOR REFERENCE ONLY - MAY NOT EXIST), AND FIRE RATING.

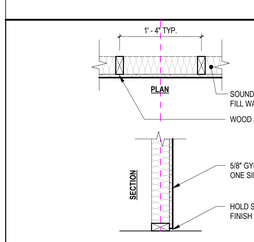
4 A0.01 **PARTITION TYPE - W1_aa**



TAG	STUD SIZE	OVERALL WIDTH	UL DESIGN	STC RATING
W3aa	3 1/2"	<varies>		

REFER TO PARTITION TAG FOR HEAD CONDITION DETAIL, INSULATION INFORMATION (SHOWN HERE FOR REFERENCE ONLY - MAY NOT EXIST), AND FIRE RATING.

2 A0.01 **PARTITION TYPE - W_aa** NTS

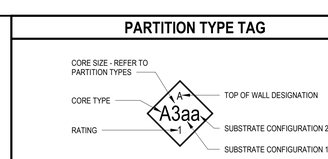


TAG	STUD SIZE	OVERALL WIDTH	UL DESIGN	STC RATING
W3a	3 1/2"	4 1/8"		
W6a	5 1/2"	6 1/8"		

REFER TO PARTITION TAG FOR HEAD CONDITION DETAIL, INSULATION INFORMATION (SHOWN HERE FOR REFERENCE ONLY - MAY NOT EXIST), AND FIRE RATING.

3 A0.01 **PARTITION TYPE - W_a** NTS

PARTITION TYPE TAG



CORE TYPES

A	METAL STUD FRAMING / METAL FURRING
B	DOUBLE METAL STUD
C	STAGGERED METAL STUD
M	CONCRETE MASONRY UNIT
S	METAL SHAFT WALL CH STUD
T	TILT-UP CONCRETE
W	WOOD STUD FRAMING / WOOD FURRING
X	DOUBLE WOOD STUD FRAMING
Y	STAGGERED WOOD STUD FRAMING

SUBSTRATE CONFIGURATIONS

(none)	CORE ONLY
a.	5/8" GYPSUM WALL BOARD (1 LAYER)
b.	5/8" GYPSUM WALL BOARD (2 LAYERS)
c.	5/8" GYPSUM WALL BOARD (3 LAYERS)
d.	5/8" GYPSUM WALL BOARD (4 LAYERS)
e.	1/2" PLYWOOD (1 LAYER)
f.	1/2" PLYWOOD, 5/8" GYPSUM WALL BOARD (1 LAYER)
g.	5/8" CEMENT BOARD (1 LAYER)
s.	1" SHAFT LINER

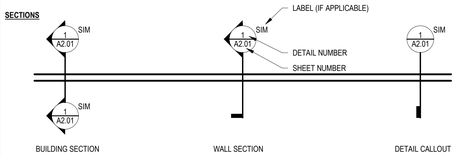
TOP OF WALL CONDITION

A	TO DECK / STRUCTURE ABOVE
B	6" ABOVE CEILING
C	CEILING HEIGHT

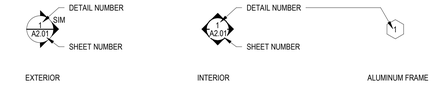
1 A0.01 **PARTITION KEY** NTS

STANDARD GRAPHIC LEGEND

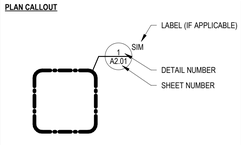
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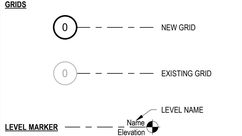
ELEVATIONS



PLAN CALLOUT

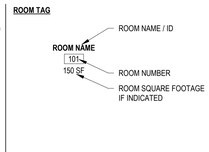


GRIDS

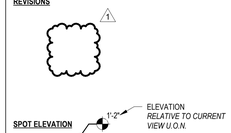


LEVEL MARKER

ROOM TAG



REVISIONS



SPOT ELEVATION

MASTER ABBREVIATION LIST

A		EFE	EXISTING FIRE EXSTINGUISHER	PASS.	PASSAGE
A.F.F.	ABOVE FINISH FLOOR	E.R.D.	EXISTING ROOF DRAIN	PERP.	PERPENDICULAR
AWP.	ACOUSTIC WALL PANEL	E.T.R.	EXISTING TO REMAIN	PLAS.	PLASTER
AC	ACOUSTIC, ACOUSTICAL	EVS	EXISTING VENT STACK	PL. LAM.	PLASTIC LAMINATE
ACT	ACOUSTICAL TILE	EXP.	EXPANSION	PL.	PLATE
ADDN	ADDITION	E.J.	EXPANSION JOINT	PLBG	PLUMBING
A/C	AIR CONDITIONING	EXT.	EXTERIOR	PLYWD	PLYWOOD
A.H.U.	AIR HANDLING UNIT	E.I.	EXTERIOR INSULATION	PVC	POLYVINYL CHLORIDE
ALT	ALTERNATE			P/C	PRECAST
ALUM.	ALUMINUM	F		P.E.J.	PRECAST EXPANSION JOINT
AB	ANCHOR BOLTS	FT	FEET, FOOT	PREFAB.	PREFABRICATED
ANCH	ANCHOR, ANCHORAGE	F.R.G.P.	FIBER REINFORCED GYPSUM PANEL	P.T.	PRESSURE TREATED
&	AND	F.S.	FINISH SYSTEM		
L	ANGLE	FIN.	FINISH, FINISHED	Q	
ANOD.	ANODIZED	FB	FIRE BLANKET	QTY	QUANTITY
APPR.	APPROVED	F.E.	FIRE EXTINGUISHER	Q.T.	QUARRY TILE
ARCH.	ARCHITECT, ARCHITECTURAL	F.R.T	FIRE RETARDANT TREATED		
ASB.	ASBESTOS	FPFG.	FIREPROOFING	R	
ASPH.	ASPHALT	FIXT.	FIXTURE	R.P.	RADIANT PANEL
ASSY	ASSEMBLY	FLASH.	FLASHING	RAD.	RADIUS
ASST	ASSISTANT	FLR	FLOOR	R.W.C.	RAIN WATER CONDUCTOR
@	AT	F.D.	FLOOR DRAIN	R.W.L.	RAIN WATER LEADER
AVN	AT VARIANCE WITH	FLR. FIN.	FLOOR FINISH	RECV.	RECEIVING
AUTO.	AUTOMATIC	FTG	FOOTING	REFR.	REFRIGERATOR
		FDN	FOUNDATION	REINF.	REINFORCE
B		FURN.	FURNISH, FURNISHED	R.A.	RELIEVING ANGLE
BM	BEAM	FURR.	FURRED, FURRING	REQ'D	REQUIRED
BRG	BEARING			REV.	REVISED, REVISION
BET.	BETWEEN	G		R.	RISER
BEV	BEVEL,BEVELED	GALV.	GALVANIZED	RAH	ROOF ACCESS HATCH/SCUTTLE
BIT.	BITUMINOUS	GA.	GAUGE	R.D.	ROOF DRAIN
BLK	BLOCK	G.B.	GRAB BAR	R.F.	ROOF FAN
BLKG	BLOCKING	GYP. BD.	GYPSUM WALLBOARD	R.T.U.	ROOF TOP UNIT
BD	BOARD			RM	ROOM
BOTT.	BOTTOM	H		RAFL	RUBBERIZED ASPHALT FABRIC LAMINATE
B.O.	BOTTOM OF	H.C.	HANDICAPPED		
B.F.	BRACE FRAME	H.R.	HANDRAIL	S	
B.E.J.	BRICK EXPANSION JOINT	HGT	HEIGHT	SND	SANITARY NAPKIN DISPENSER
BLDG.	BUILDING	H.P.	HIGH POINT	SNR	SANITARY NAPKIN RECEPTICAL
B.U.R.	BUILT-UP-ROOFING	H.M.	HOLLOW METAL	SCHED.	SCHEDULE
		HORIZ.	HORIZONTAL	SC	SCUPPER
C		H.B.	HOSE BIBB	SECT.	SECTION
CAB.	CABINET			S.J.	SEISMIC JOINT
C.U.H.	CABINET UNIT HEATER	I		SHT	SHEET
CAP.	CAPACITY	IN. OR "	INCH OR INCHES	SIM.	SIMILAR
CLG	CEILING	INCL.	INCLUDE, INCLUDING	S.H.	SMOKE HATCH
CLG. HT.	CEILING HEIGHT	INFO.	INFORMATION	SD	SOAP DISPENSER
CEM.	CEMENT	I.D.	INSIDE DIAMETER	S.T.C.	SOUND TRANSMISSION CLASS
CTR	CENTER	INSUL.	INSULATION	SPEC.	SPECIFICATIONS
℄	CENTERLINE	INT.	INTERIOR	S.B.	SPLASH BLOCK
CPB	CERAMIC PROJECTION BOARD			SQ.	SQUARE
CER. T.	CERAMIC TILE	K		S.F.	SQUARE FEET (FOOT)
C.BD	CHALKBOARD	K.P.	KICK PLATE	S.S.	STAINLESS STEEL
C	CHANNEL			STD	STANDARD
CL.	CLOSET	L		STL	STEEL
C.F.M.F.	COLD FORMED METAL FRAME	LAB.	LABORATORY	STOR.	STORAGE
COL.	COLUMN	LAV.	LAVATORY	STRUCT.	STRUCTURAL
CONC.	CONCRETE	L.C.C.	LEAD COATED COPPER	SGFT	STRUCTURAL GLAZED FACING TILE
CONF.	CONFERENCE	LTG.	LIGHTING	S.STL.	STRUCTURAL STEEL
CONT.	CONTINUOUS	L.P.	LOW POINT	SUSP.	SUSPEND, SUSPENSION
CONTR.	CONTRACTOR			SGB	SWING UP GRAB BAR
C.J.	CONTROL/CONSTRUCTION JOINT	M			
CORR.	CORRIDOR	MACH.	MACHINE	T	
CNL.	COULD NOT LOCATE	MAINT.	MAINTENANCE	TBD	TACKBOARD
CRS.	COURSE,COURSES	MFR	MANUFACTURER	THRU	THROUGH
D.H.	DOUBLE HUNG	MBD	MARKER BOARD	TPD	TOILET PAPER DISPENSER
		MAS.	MASONRY	T. & G.	TONGUE AND GROOVE
D		M.O.	MASONRY OPENING	T.O.	TOP OF
DMPFG	DAMPPROOFING	MATL	MATERIAL	T.	TREAD
DEG.	DEGREE	MAX.	MAXIMUM	TYP.	TYPICAL
DEMO.	DEMOLITION	MECH.	MECHANICAL		
DEPT.	DEPARTMENT	MTL.	METAL	U	
DET.	DETAIL	MEZZ.	MEZZANINE	UCR	UNDER COUNTER REFRIGERATOR
DIA.	DIAMETER	MIN.	MINIMUM	UL	UNDERWRITERS' LABORATORIES, INC.
DIM.	DIMENSION	M.W.F.	MIRROR WITH FRAME	U.H.	UNIT HEATER
DIST.	DISTANCE	MISC.	MISCELLANEOUS	U.V.	UNIT VENTILATOR
DR	DOOR			U.O.N.	UNLESS OTHERWISE NOTED
DBL.	DOUBLE	N			
DN	DOWN	N.	NORTH	V	
D.S.	DOWNSPOUT	N.I.C.	NOT IN CONTRACT	VTS	VENT STACK
DWG	DRAWING	N.T.S.	NOT TO SCALE	VTR	VENT THROUGH ROOF
D.F.	DRINKING FOUNTAIN	NO. OR #	NUMBER	VERT.	VERTICAL
				VEST.	VESTIBULE
E		O		VCT	VINYL COMPOSITION TILE
EA.	EACH	OFF.	OFFICE		
EWC.	ELECTRIC WATER COOLER	ON	OK-AS IS	W	
ELEC.	ELECTRIC, ELECTRICAL	O.C.	ON CENTER	W.H.	WALL HYDRANT
ELEV.	ELEVATION	O.H.	OPPOSITE HAND	WPK	WALL PACK
EL.	ELEVATOR	O.D.	OUTSIDE DIAMETER	WP	WATERPROOFING
EMERG.	EMERGENCY	O.R.D. / O.T.D.	OVERFLOW ROOF DRAIN	W.W.F.	WELDED WIRE FABRIC
EQ.	EQUAL			W.BD.	WHITE BOARD
EQUIP.	EQUIPMENT			WI	WITH
E.P.D.M.	ETHYLENE PROPYLENE DIENE MONOMER	P		WD	WOOD
E.F.	EXHAUST FAN	PTD	PAINTED		
EXIST.	EXISTING	PR	PAIR	Z	
EFB	EXISTING FIRE BLANKET	PTD	PAPER TOWEL DISPENSER	Z.C.C.	ZINC COATED COPPER

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NO	DATE	DESCRIPTION
REVISIONS		

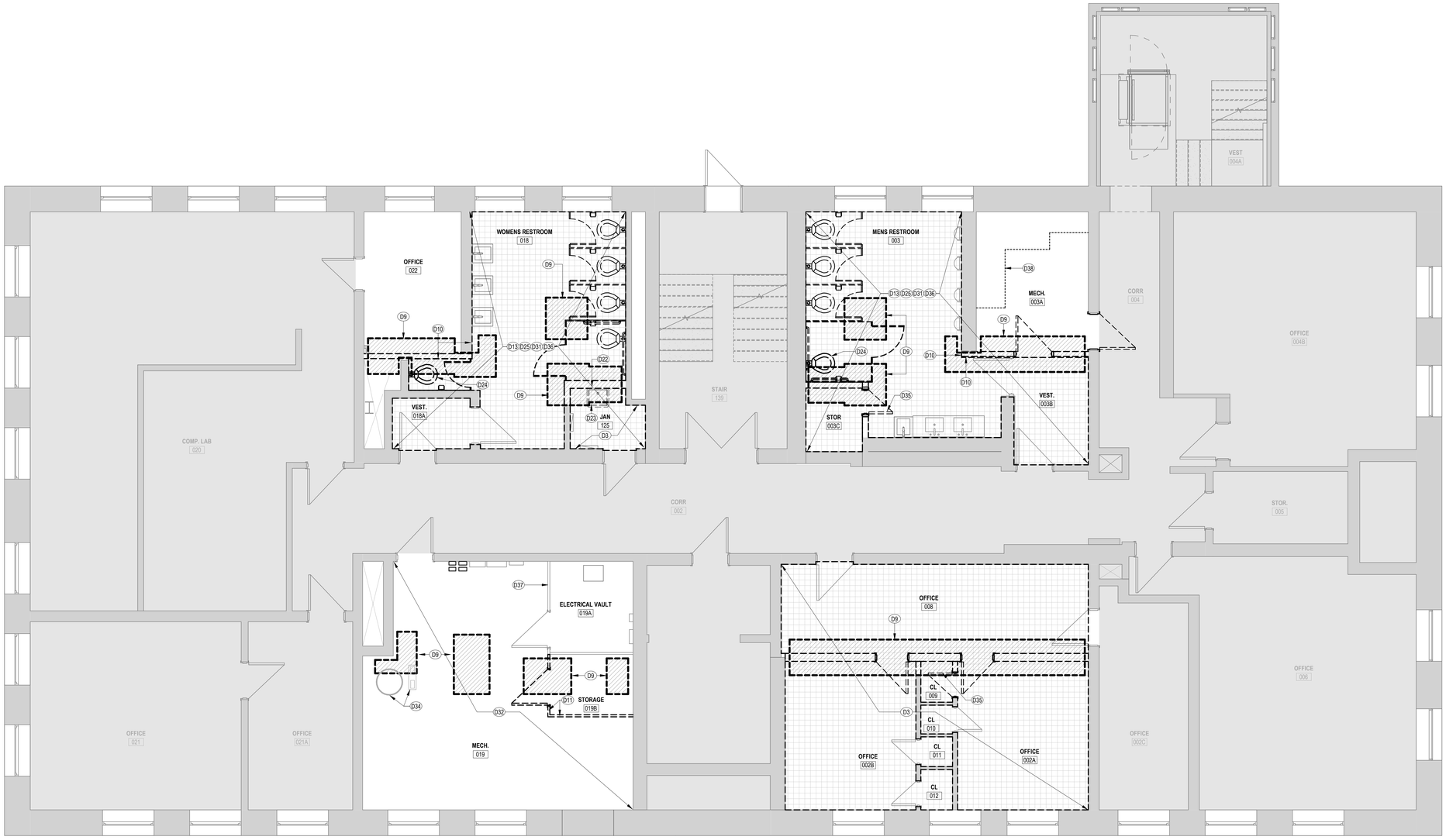
DESIGNED:	JM
DRAWN:	LA, LR, MS
REVIEWED:	BR
PROJECT NO.:	2503449
DATE:	09/21/2026
ISSUED FOR:	BID

TITLE:
GENERAL INFORMATION, PARTITION TYPES AND DETAILS

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1 BASEMENT DEMOLITION PLAN
1/4" = 1'-0"

DEMOLITION GENERAL NOTES

1. REMOVE EXISTING PARTITIONS, DOORS, FRAMES, HARDWARE, FINISHES, AND OTHER ARCHITECTURAL ELEMENTS WITHIN THE LIMITS OF NEW WORK AS REQUIRED FOR CONSTRUCTION OF THE PROPOSED IMPROVEMENTS, UNLESS NOTED OTHERWISE.
2. DEMOLITION IS INTENDED TO BE SELECTIVE. LIMIT DEMOLITION TO THE MINIMUM EXTENT NECESSARY TO ACCOMMODATE THE NEW WORK INDICATED IN THESE CONSTRUCTION DOCUMENTS.
3. DEMOLITION ASSOCIATED WITH MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, FIRE ALARM, DATA, AUDIOVISUAL, SECURITY, AND OTHER LOW-VOLTAGE SYSTEMS IS REQUIRED AS PART OF THIS PROJECT. REFER TO THE DRAWINGS AND SPECIFICATIONS OF THE RESPECTIVE TRADES FOR DEMOLITION REQUIREMENTS, EXTENTS OF WORK, AND COORDINATION REQUIREMENTS.
4. COORDINATE WORK OF ALL TRADES TO MAINTAIN CONTINUITY OF EXISTING SYSTEMS SERVING ADJACENT OCCUPIED AREAS AND SPACES OUTSIDE THE LIMITS OF NEW WORK.
5. PATCH, REPAIR, AND RESTORE ALL EXISTING SURFACES DISTURBED BY DEMOLITION OR NEW WORK TO MATCH ADJACENT EXISTING CONDITIONS UNLESS NOTED OTHERWISE. NOTE: THERE ARE MULTIPLE FINISHES - INCLUDING GYPSUM BOARD, PLASTER, MASONRY, ETC. PRESENT IN THE EXISTING BUILDING. THE G.C. SHALL BE RESPONSIBLE FOR PATCHING WITH THE SAME MATERIALS AND FINISH.
6. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL DEMOLITION AND NEW STRUCTURAL WORK. REMOVE CEILINGS, BULKHEADS, AND OTHER CONSTRUCTION AS REQUIRED TO ACCOMMODATE STRUCTURAL MODIFICATIONS.
7. THE GENERAL CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING, AND OTHER MEASURES NECESSARY TO MAINTAIN STRUCTURAL STABILITY AND SAFETY THROUGHOUT DEMOLITION AND CONSTRUCTION ACTIVITIES.
8. FLOORING DEMOLITION WITHIN AREAS IDENTIFIED FOR OWNER-PERFORMED HAZARDOUS MATERIALS ABATEMENT SHALL BE COMPLETED BY OTHERS UNDER A SEPARATE CONTRACT AND IS NOT PART OF THIS PROJECT SCOPE. THE GENERAL CONTRACTOR SHALL ASSUME FLOORING REMOVAL, ASSOCIATED REMEDIATION, AND REQUIRED PREPARATION OF THOSE AREAS WILL BE COMPLETE PRIOR TO COMMENCEMENT OF FINISH INSTALLATION. GENERAL CONTRACTOR SHALL VERIFY SUBSTRATE CONDITIONS AND COORDINATE ANY REQUIRED PREPARATION FOR NEW FINISHES PRIOR TO INSTALLATION.
8. DEMOLITION AND NEW WORK SHALL BE LIMITED TO THE DESIGNATED WORK AREAS INDICATED IN THESE CONSTRUCTION DOCUMENTS. DISTURBANCE OF CONSTRUCTION, FINISHES, SYSTEMS, OR OCCUPIED AREAS OUTSIDE THE LIMITS OF NEW WORK SHALL BE AVOIDED UNLESS SPECIFICALLY REQUIRED FOR EXECUTION OF THE WORK AND APPROVED BY THE OWNER.
9. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE OWNER DURING THE PRECONSTRUCTION WALKTHROUGH TO IDENTIFY ANY MATERIALS, FURNISHINGS, FIXTURES, EQUIPMENT, OR OTHER ITEMS INDICATED FOR DEMOLITION AND REMOVAL THAT THE OWNER WISHES TO SALVAGE AND RETAIN. THE GENERAL CONTRACTOR SHALL REMAIN RESPONSIBLE FOR ALL DEMOLITION-AND-REMOVAL WORK INDICATED IN THESE CONSTRUCTION DOCUMENTS; HOWEVER, FOR ITEMS IDENTIFIED BY THE OWNER FOR RETENTION, THE GENERAL CONTRACTOR SHALL CAREFULLY REMOVE, PROTECT, AND SEPARATE SUCH ITEMS FROM DEMOLITION DEBRIS AND STAGE THEM OUTSIDE WASHBURN HALL AT A LOCATION DESIGNATED BY THE OWNER FOR OWNER RETRIEVAL AND STORAGE.
10. PENETRATION LOCATIONS SHOWN ON THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO IDENTIFY THE GENERAL AREAS WHERE FLOOR, CEILING, AND ROOF PENETRATIONS MAY BE REQUIRED. FINAL LOCATIONS, SIZES, AND QUANTITIES OF PENETRATIONS SHALL BE DETERMINED BY THE GENERAL CONTRACTOR BASED UPON FIELD CONDITIONS, COORDINATION OF ALL TRADES, AND THE REQUIREMENTS OF THE WORK.
11. THE GENERAL CONTRACTOR SHALL COORDINATE ALL NEW PENETRATIONS REQUIRED FOR DUCTWORK, CONDUIT, PIPING, CABLING, AND OTHER BUILDING SYSTEMS SUCH THAT PENETRATIONS ARE MINIMIZED TO THE GREATEST EXTENT PRACTICABLE AND LOCATED WITHIN THE LIMITS OF NEW WORK. NO DISTURBANCE OF FLOORS, CEILINGS, ROOFS, WALLS, OR OTHER BUILDING ELEMENTS OUTSIDE THE LIMITS OF NEW WORK SHALL OCCUR WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER AND ARCHITECT.
12. PRIOR TO COMMENCEMENT OF DEMOLITION OR CONSTRUCTION ACTIVITIES, THE GENERAL CONTRACTOR SHALL SUBMIT A COORDINATION DRAWING IDENTIFYING THE LOCATION, SIZE, QUANTITY, AND PURPOSE OF ALL PROPOSED FLOOR, CEILING, AND ROOF PENETRATIONS REQUIRED FOR EXECUTION OF THE WORK. COORDINATION DRAWINGS SHALL INCLUDE ALL PENETRATIONS REQUIRED FOR DUCTWORK, CONDUIT, PIPING, CABLING, AND OTHER BUILDING SYSTEMS ROUTED BETWEEN FLOORS, CEILING SPACES, ATTIC SPACES, OR OTHER BUILDING AREAS.
13. BASED UPON AVAILABLE RECORD DOCUMENTS AND FIELD OBSERVATIONS, NO FIRE-RESISTANCE-RATED FLOOR ASSEMBLIES WERE IDENTIFIED WITHIN THE AREA OF WORK. NOTWITHSTANDING THIS OBSERVATION, THE GENERAL CONTRACTOR SHALL PROVIDE CODE-COMPLIANT FIREBLOCKING, DRAFTSTOPPING, FIRESTOPPING, AND PENETRATION SEALING AS REQUIRED BY APPLICABLE CODES, SYSTEM REQUIREMENTS, AND MANUFACTURER RECOMMENDATIONS. FIRESTOPPING MATERIALS MAY INCLUDE FIRESTOP ANGLES, FIRESTOP COLLARS, BACKER ROD AND FIRESTOP SEALANT, SELF-LEVELING FIRESTOP SEALANTS, UL-LISTED FIRESTOP SYSTEMS, IN-CAVITY WOOD BLOCKING, OR OTHER APPROVED MATERIALS APPROPRIATE FOR THE SPECIFIC CONDITION.
14. WHERE PENETRATION CONDITIONS ARE ENCOUNTERED THAT ARE NOT ADDRESSED BY THESE CONSTRUCTION DOCUMENTS, OR WHERE PROPOSED PENETRATIONS ARE REQUIRED OUTSIDE THE LIMITS OF NEW WORK, THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING PRIOR TO PROCEEDING. SUPPLEMENTAL DETAILS MAY BE PROVIDED AS REQUIRED TO ADDRESS FIELD CONDITIONS.
15. COORDINATE ALL DEMOLITION, CUTTING, PATCHING, AND NEW WORK WITH ABATEMENT PLAN TO BE INCORPORATED INTO THIS BID DOCUMENTS. DO NOT DISTURB MATERIALS IDENTIFIED FOR ABATEMENT UNTIL REQUIRED TESTING, APPROVALS, AND ABATEMENT PROCEDURES HAVE BEEN COMPLETED.
16. UNDERSLAB VAPOR RETARDER IS PROVIDED ONLY WITHIN LIMITS OF NEW WORK AND IS NOT INTENDED TO SERVE AS A COMPLETE BASEMENT WATERPROOFING SYSTEM OR TO CORRECT EXISTING MOISTURE, WATER INFILTRATION, GROUNDWATER, OR DRAINAGE CONDITIONS.
17. CAREFULLY REMOVE AND STORE EXISTING WINDOW SHADES FOR REINSTALLATION UPON COMPLETION OF WORK. PROTECT SHADES FROM DAMAGE DURING CONSTRUCTION.
18. COORDINATE THE REMOVAL OF ANY SUSPECT HAZARDOUS MATERIALS DISCOVERED DURING DEMOLITION WITH URI'S ABATEMENT CONTRACTOR. DO NOT DISTURB SUSPECT MATERIALS UNTIL PROPERLY EVALUATED AND AUTHORIZED FOR REMOVAL.

DEMOLITION LEGEND

- EXISTING WALL
- EXISTING WALL TO BE REMOVED
- EXISTING DOOR
- EXISTING DOOR TO BE REMOVED
- NOT IN SCOPE
- EXISTING CEILING TO BE REMOVED
- EXISTING SLAB TO BE REMOVED
- EXISTING FLOORING REMOVED IN ABATED AREAS
- LIMIT OF STRUCTURALLY AFFECTED AREA. REFER TO STRUCTURAL DRAWINGS
- EXISTING FLOOR TILE TO BE REMOVED
- EXISTING FLOORING TO BE REMOVED

DEMOLITION KEYNOTES

D3	FOLLOWING REMOVAL OF EXISTING FLOORING BY URI'S ABATEMENT CONTRACTOR, CLEAN AND LEVEL THE EXPOSED SUBSTRATE. PATCH ALL HOLES REGARDLESS OF SIZE, AND PREPARE THE SUBSTRATE TO RECEIVE NEW FLOORING.
D9	REMOVE PORTION OF CONCRETE SLAB AS REQUIRED FOR NEW FOOTINGS. REFER TO STRUCTURAL DRAWINGS FOR EXTENT OF SCOPE. PROVIDE NEW UNDERSLAB VAPOR RETARDER BELOW ALL SLAB PATCHES ASSOCIATED WITH NEW FOOTINGS. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND MAINTAIN CONTINUITY THROUGHOUT PATCH AREA.
D10	REMOVE AND DISPOSE OF EXISTING WALL TILE
D11	MOVE CAGE TO ALLOW FOR NEW WORK; REINSTALL UPON COMPLETION OF WORK.
D13	PROTECT ALL PLUMBING FIXTURES AND DRAIN OPENINGS DURING CONSTRUCTION, TYPICAL.
D22	CAREFULLY REMOVE EXISTING WALL AS INDICATED. EXISTING DRAIN OUTLET TO REMAIN; REPLACE EXISTING SUPPLY LINES AND DRAIN LINE IN KIND AS REQUIRED.
D23	CAREFULLY REMOVE AND DISPOSE OF EXISTING MOP SINK AND ASSOCIATED TRIM AS REQUIRED.
D24	REMOVE TOILET ASSOCIATED WASTE, WATER SUPPLY, AND VENT PIPING AS REQUIRED TO FACILITATE FOUNDATION EXCAVATION WORK.
D25	TEMPORARILY REMOVE, PROTECT, AND STORE EXISTING TOILET PARTITIONS AND ACCESSORIES AS REQUIRED TO FACILITATE FOUNDATION EXCAVATION, WALL DEMOLITION, AND FLOORING REMOVAL. REINSTALL UPON COMPLETION OF WORK.

DEMOLITION KEYNOTES

D31	REMOVE AND DISPOSE OF EXISTING FLOORING. REMOVE AND STORE PLUMBING FIXTURES AS NEEDED FOR REINSTALLATION. PREPARE SUBSTRATE TO RECEIVE NEW FLOORING.
D32	REFER TO STRUCTURAL DRAWINGS FOR SHORING NOTES. SHORING DESIGN SHALL BE PROVIDED AS A DELEGATED DESIGN.
D34	COORDINATE TEMPORARY HEATING SYSTEM SHUTDOWN AND DISCONNECTION/RECONNECTION OF THE HYDRONIC EXPANSION TANK AS REQUIRED FOR FOOTING CONSTRUCTION. REFER TO MECHANICAL AND STRUCTURAL DRAWINGS.
D35	CAREFULLY REMOVE EXISTING DOOR; PROTECT AND SALVAGE FOR REINSTALLATION.
D36	REMOVE AND DISPOSE OF EXISTING TILE COVE BASE. PREPARE SUBSTRATE AS REQUIRED TO RECEIVE NEW RESUFLOR COVE REZ AS PART OF THE NEW FLOORING AND INTEGRAL WALL BASE SYSTEM.
D37	EXISTING UTILITY CAGE PARTITION TO REMAIN.
D38	LINE INDICATES APPROXIMATE LOCATION OF EXISTING TO REMAIN SPRINKLER RISER & ASSOCIATED PIPING. V.I.F. AS REQUIRED FOR EXECUTION OF ANY ADJACENT WORK.

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NO	DATE	DESCRIPTION

DESIGNED:	JM
DRAWN:	LA, LR, MS
REVIEWED:	BR
PROJECT NO.:	2503449
DATE:	09/21/2026
ISSUED FOR:	BID

TITLE:
BASEMENT DEMOLITION PLAN

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1 FIRST FLOOR DEMOLITION PLAN
1/4" = 1'-0"

DEMOLITION GENERAL NOTES

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4. COORDINATE WORK OF ALL TRADES TO MAINTAIN CONTINUITY OF EXISTING SYSTEMS SERVING ADJACENT OCCUPIED AREAS AND SPACES OUTSIDE THE LIMITS OF NEW WORK.
5. PATCH, REPAIR, AND RESTORE ALL EXISTING SURFACES DISTURBED BY DEMOLITION OR NEW WORK TO MATCH ADJACENT EXISTING CONDITIONS UNLESS NOTED OTHERWISE. NOTE: THERE ARE MULTIPLE FINISHES - INCLUDING GYPSUM BOARD, PLASTER, MASONRY, ETC. PRESENT IN THE EXISTING BUILDING. THE G.C. SHALL BE RESPONSIBLE FOR PATCHING WITH THE SAME MATERIALS AND FINISH.
6. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL DEMOLITION AND NEW STRUCTURAL WORK. REMOVE CEILINGS, BULKHEADS, AND OTHER CONSTRUCTION AS REQUIRED TO ACCOMMODATE STRUCTURAL MODIFICATIONS.
7. THE GENERAL CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING, AND OTHER MEASURES NECESSARY TO MAINTAIN STRUCTURAL STABILITY AND SAFETY THROUGHOUT DEMOLITION AND CONSTRUCTION ACTIVITIES.
8. FLOORING DEMOLITION WITHIN AREAS IDENTIFIED FOR OWNER-PERFORMED HAZARDOUS MATERIALS ABATEMENT SHALL BE COMPLETED BY OTHERS UNDER A SEPARATE CONTRACT AND IS NOT PART OF THIS PROJECT SCOPE. THE GENERAL CONTRACTOR SHALL ASSUME FLOORING REMOVAL, ASSOCIATED REMEDIATION, AND REQUIRED PREPARATION OF THOSE AREAS WILL BE COMPLETE PRIOR TO COMMENCEMENT OF FINISH INSTALLATION. GENERAL CONTRACTOR SHALL VERIFY SUBSTRATE CONDITIONS AND COORDINATE ANY REQUIRED PREPARATION FOR NEW FINISHES PRIOR TO INSTALLATION.
8. DEMOLITION AND NEW WORK SHALL BE LIMITED TO THE DESIGNATED WORK AREAS INDICATED IN THESE CONSTRUCTION DOCUMENTS. DISTURBANCE OF CONSTRUCTION, FINISHES, SYSTEMS, OR OCCUPIED AREAS OUTSIDE THE LIMITS OF NEW WORK SHALL BE AVOIDED UNLESS SPECIFICALLY REQUIRED FOR EXECUTION OF THE WORK AND APPROVED BY THE OWNER.
9. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE OWNER DURING THE PRECONSTRUCTION WALKTHROUGH TO IDENTIFY ANY MATERIALS, FURNISHINGS, FIXTURES, EQUIPMENT, OR OTHER ITEMS INDICATED FOR DEMOLITION AND REMOVAL THAT THE OWNER WISHES TO SALVAGE AND RETAIN. THE GENERAL CONTRACTOR SHALL REMAIN RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED IN THESE CONSTRUCTION DOCUMENTS; HOWEVER, FOR ITEMS IDENTIFIED BY THE OWNER FOR RETENTION, THE GENERAL CONTRACTOR SHALL CAREFULLY REMOVE, PROTECT, AND SEPARATE SUCH ITEMS FROM DEMOLITION DEBRIS AND STAGE THEM OUTSIDE WASHBURN HALL AT A LOCATION DESIGNATED BY THE OWNER FOR OWNER RETRIEVAL AND STORAGE.
10. PENETRATION LOCATIONS SHOWN ON THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO IDENTIFY THE GENERAL AREAS WHERE FLOOR, CEILING, AND ROOF PENETRATIONS MAY BE REQUIRED. FINAL LOCATIONS, SIZES, AND QUANTITIES OF PENETRATIONS SHALL BE DETERMINED BY THE GENERAL CONTRACTOR BASED UPON FIELD CONDITIONS, COORDINATION OF ALL TRADES, AND THE REQUIREMENTS OF THE WORK.
11. THE GENERAL CONTRACTOR SHALL COORDINATE ALL NEW PENETRATIONS REQUIRED FOR DUCTWORK, CONDUIT, PIPING, CABLING, AND OTHER BUILDING SYSTEMS SUCH THAT PENETRATIONS ARE MINIMIZED TO THE GREATEST EXTENT PRACTICABLE AND LOCATED WITHIN THE LIMITS OF NEW WORK. NO DISTURBANCE OF FLOORS, CEILINGS, ROOFS, WALLS, OR OTHER BUILDING ELEMENTS OUTSIDE THE LIMITS OF NEW WORK SHALL OCCUR WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER AND ARCHITECT.
12. PRIOR TO COMMENCEMENT OF DEMOLITION OR CONSTRUCTION ACTIVITIES, THE GENERAL CONTRACTOR SHALL SUBMIT A COORDINATION DRAWING IDENTIFYING THE LOCATION, SIZE, QUANTITY, AND PURPOSE OF ALL PROPOSED FLOOR, CEILING, AND ROOF PENETRATIONS REQUIRED FOR EXECUTION OF THE WORK. COORDINATION DRAWINGS SHALL INCLUDE ALL PENETRATIONS REQUIRED FOR DUCTWORK, CONDUIT, PIPING, CABLING, AND OTHER BUILDING SYSTEMS ROUTED BETWEEN FLOORS, CEILING SPACES, ATTIC SPACES, OR OTHER BUILDING AREAS.
13. BASED UPON AVAILABLE RECORD DOCUMENTS AND FIELD OBSERVATIONS, NO FIRE-RESISTANCE-RATED FLOOR ASSEMBLIES WERE IDENTIFIED WITHIN THE AREA OF WORK. NOTWITHSTANDING THIS OBSERVATION, THE GENERAL CONTRACTOR SHALL PROVIDE CODE-COMPLIANT FIREBLOCKING, DRAFTSTOPPING, FIRESTOPPING, AND PENETRATION SEALING AS REQUIRED BY APPLICABLE CODES, SYSTEM REQUIREMENTS, AND MANUFACTURER RECOMMENDATIONS. FIRESTOPPING MATERIALS MAY INCLUDE FIRESTOP ANGLES, FIRESTOP COLLARS, BACKER ROD AND FIRESTOP SEALANT, SELF-LEVELING FIRESTOP SEALANTS, UL-LISTED FIRESTOP SYSTEMS, IN-CAVITY WOOD BLOCKING, OR OTHER APPROVED MATERIALS APPROPRIATE FOR THE SPECIFIC CONDITION.
14. WHERE PENETRATION CONDITIONS ARE ENCOUNTERED THAT ARE NOT ADDRESSED BY THESE CONSTRUCTION DOCUMENTS, OR WHERE PROPOSED PENETRATIONS ARE REQUIRED OUTSIDE THE LIMITS OF NEW WORK, THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING PRIOR TO PROCEEDING. SUPPLEMENTAL DETAILS MAY BE PROVIDED AS REQUIRED TO ADDRESS FIELD CONDITIONS.
15. COORDINATE ALL DEMOLITION, CUTTING, PATCHING, AND NEW WORK WITH ABATEMENT PLAN TO BE INCORPORATED INTO THE BID DOCUMENTS. DO NOT DISTURB MATERIALS IDENTIFIED FOR ABATEMENT UNTIL REQUIRED TESTING, APPROVALS, AND ABATEMENT PROCEDURES HAVE BEEN COMPLETED.
16. UNDERSLAB VAPOR RETARDER IS PROVIDED ONLY WITHIN LIMITS OF NEW WORK AND IS NOT INTENDED TO SERVE AS A COMPLETE BASEMENT WATERPROOFING SYSTEM OR TO CORRECT EXISTING MOISTURE, WATER INFILTRATION, GROUNDWATER, OR DRAINAGE CONDITIONS.
17. CAREFULLY REMOVE AND STORE EXISTING WINDOW SHADES FOR REINSTALLATION UPON COMPLETION OF WORK. PROTECT SHADES FROM DAMAGE DURING CONSTRUCTION.
18. COORDINATE THE REMOVAL OF ANY SUSPECT HAZARDOUS MATERIALS DISCOVERED DURING DEMOLITION WITH URI'S ABATEMENT CONTRACTOR. DO NOT DISTURB SUSPECT MATERIALS UNTIL PROPERLY EVALUATED AND AUTHORIZED FOR REMOVAL.

DEMOLITION LEGEND

- EXISTING WALL
- EXISTING WALL TO BE REMOVED
- EXISTING DOOR
- EXISTING DOOR TO BE REMOVED
- NOT IN SCOPE
- EXISTING CEILING TO BE REMOVED
- EXISTING SLAB TO BE REMOVED
- EXISTING FLOORING REMOVED IN ABATED AREAS
- LIMIT OF STRUCTURALLY AFFECTED AREA. REFER TO STRUCTURAL DRAWINGS
- EXISTING FLOOR TILE TO BE REMOVED
- EXISTING FLOORING TO BE REMOVED

DEMOLITION KEYNOTES

D1 REMOVE GYPSUM BOARD FROM ONE SIDE OF THE WALL AS REQUIRED TO FACILITATE INSTALLATION OF SHEATHING PER STRUCTURAL DRAWINGS.
D3 FOLLOWING REMOVAL OF EXISTING FLOORING BY URI'S ABATEMENT CONTRACTOR, CLEAN AND LEVEL THE EXPOSED SUBSTRATE, PATCH ALL HOLES REGARDLESS OF SIZE, AND PREPARE THE SUBSTRATE TO RECEIVE NEW FLOORING.
D5 REMOVE EXISTING DOORS, FRAMES, AND ASSOCIATED HARDWARE

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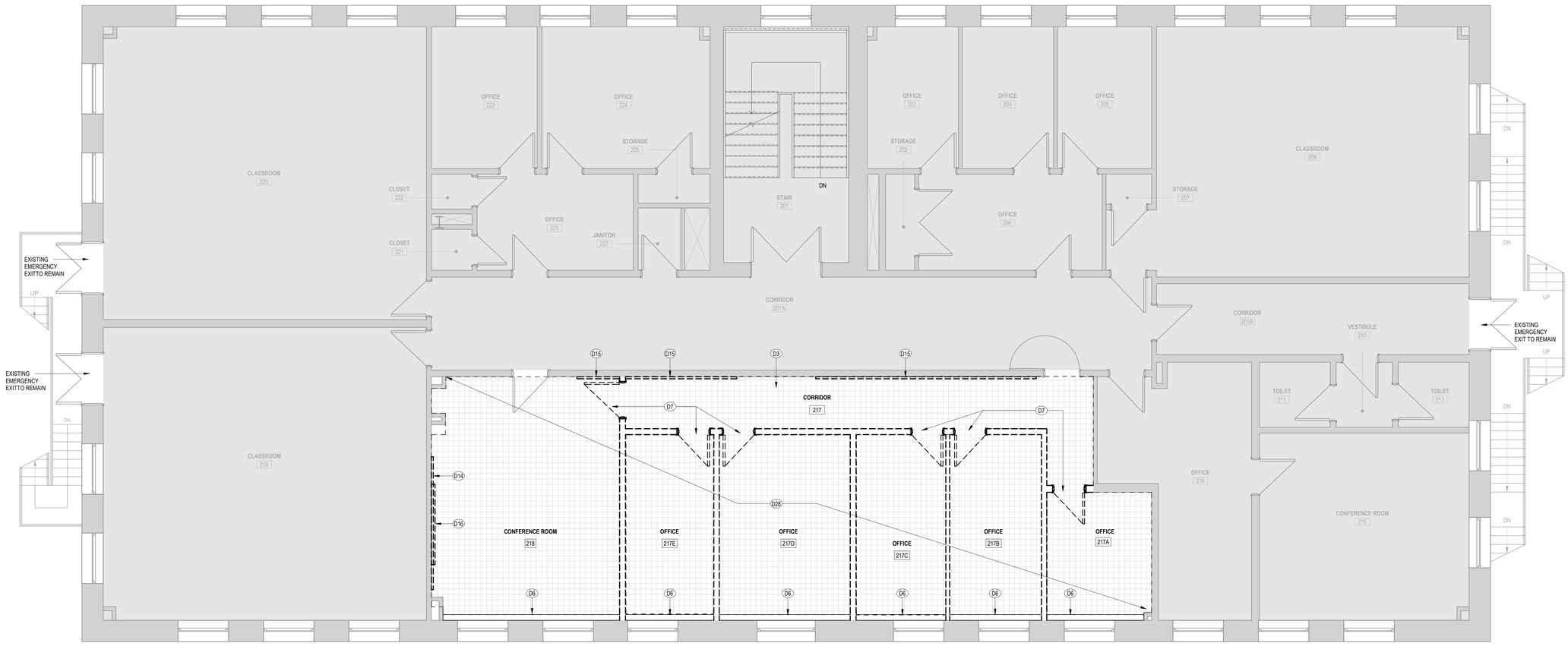
DESIGNED: JM
DRAWN: LA, LR, MS
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PROJECT NO.: 2503449
DATE: 09/21/2026
ISSUED FOR: BID

TITLE: FIRST FLOOR DEMOLITION PLAN

SHEET NUMBER: AD1.01

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1 SECOND FLOOR DEMOLITION PLAN

1/4" = 1'-0"

DEMOLITION GENERAL NOTES

1. REMOVE EXISTING PARTITIONS, DOORS, FRAMES, HARDWARE, FINISHES, AND OTHER ARCHITECTURAL ELEMENTS WITHIN THE LIMITS OF NEW WORK AS REQUIRED FOR CONSTRUCTION OF THE PROPOSED IMPROVEMENTS, UNLESS NOTED OTHERWISE.
2. DEMOLITION IS INTENDED TO BE SELECTIVE. LIMIT DEMOLITION TO THE MINIMUM EXTENT NECESSARY TO ACCOMMODATE THE NEW WORK INDICATED IN THESE CONSTRUCTION DOCUMENTS.
3. DEMOLITION ASSOCIATED WITH MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, FIRE ALARM, DATA, AUDIOVISUAL, SECURITY, AND OTHER LOW-VOLTAGE SYSTEMS IS REQUIRED AS PART OF THIS PROJECT. REFER TO THE DRAWINGS AND SPECIFICATIONS OF THE RESPECTIVE TRADES FOR DEMOLITION REQUIREMENTS, EXTENTS OF WORK, AND COORDINATION REQUIREMENTS.
4. COORDINATE WORK OF ALL TRADES TO MAINTAIN CONTINUITY OF EXISTING SYSTEMS SERVING ADJACENT OCCUPIED AREAS AND SPACES OUTSIDE THE LIMITS OF NEW WORK.
5. PATCH, REPAIR, AND RESTORE ALL EXISTING SURFACES DISTURBED BY DEMOLITION OR NEW WORK TO MATCH ADJACENT EXISTING CONDITIONS UNLESS NOTED OTHERWISE. NOTE: THERE ARE MULTIPLE FINISHES - INCLUDING GYPSUM BOARD, PLASTER, MASONRY, ETC. PRESENT IN THE EXISTING BUILDING. THE G.C. SHALL BE RESPONSIBLE FOR PATCHING WITH THE SAME MATERIALS AND FINISH.
6. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL DEMOLITION AND NEW STRUCTURAL WORK. REMOVE CEILINGS, BULKHEADS, AND OTHER CONSTRUCTION AS REQUIRED TO ACCOMMODATE STRUCTURAL MODIFICATIONS.
7. THE GENERAL CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING, AND OTHER MEASURES NECESSARY TO MAINTAIN STRUCTURAL STABILITY AND SAFETY THROUGHOUT DEMOLITION AND CONSTRUCTION ACTIVITIES.
8. FLOORING DEMOLITION WITHIN AREAS IDENTIFIED FOR OWNER-PERFORMED HAZARDOUS MATERIALS ABATEMENT SHALL BE COMPLETED BY OTHERS UNDER A SEPARATE CONTRACT AND IS NOT PART OF THIS PROJECT SCOPE. THE GENERAL CONTRACTOR SHALL ASSUME FLOORING REMOVAL, ASSOCIATED REMEDIATION, AND REQUIRED PREPARATION OF THOSE AREAS WILL BE COMPLETE PRIOR TO COMMENCEMENT OF FINISH INSTALLATION. GENERAL CONTRACTOR SHALL VERIFY SUBSTRATE CONDITIONS AND COORDINATE ANY REQUIRED PREPARATION FOR NEW FINISHES PRIOR TO INSTALLATION.
8. DEMOLITION AND NEW WORK SHALL BE LIMITED TO THE DESIGNATED WORK AREAS INDICATED IN THESE CONSTRUCTION DOCUMENTS. DISTURBANCE OF CONSTRUCTION, FINISHES, SYSTEMS, OR OCCUPIED AREAS OUTSIDE THE LIMITS OF NEW WORK SHALL BE AVOIDED UNLESS SPECIFICALLY REQUIRED FOR EXECUTION OF THE WORK AND APPROVED BY THE OWNER.
9. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE OWNER DURING THE PRECONSTRUCTION WALKTHROUGH TO IDENTIFY ANY MATERIALS, FURNISHINGS, FIXTURES, EQUIPMENT, OR OTHER ITEMS INDICATED FOR DEMOLITION AND REMOVAL THAT THE OWNER WISHES TO SALVAGE AND RETAIN. THE GENERAL CONTRACTOR SHALL REMAIN RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED IN THESE CONSTRUCTION DOCUMENTS; HOWEVER, FOR ITEMS IDENTIFIED BY THE OWNER FOR RETENTION, THE GENERAL CONTRACTOR SHALL CAREFULLY REMOVE, PROTECT, AND SEPARATE SUCH ITEMS FROM DEMOLITION DEBRIS AND STAGE THEM OUTSIDE WASHBURN HALL AT A LOCATION DESIGNATED BY THE OWNER FOR OWNER RETRIEVAL AND STORAGE.
10. PENETRATION LOCATIONS SHOWN ON THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO IDENTIFY THE GENERAL AREAS WHERE FLOOR, CEILING, AND ROOF PENETRATIONS MAY BE REQUIRED. FINAL LOCATIONS, SIZES, AND QUANTITIES OF PENETRATIONS SHALL BE DETERMINED BY THE GENERAL CONTRACTOR BASED UPON FIELD CONDITIONS, COORDINATION OF ALL TRADES, AND THE REQUIREMENTS OF THE WORK.
11. THE GENERAL CONTRACTOR SHALL COORDINATE ALL NEW PENETRATIONS REQUIRED FOR DUCTWORK, CONDUIT, PIPING, CABLING, AND OTHER BUILDING SYSTEMS SUCH THAT PENETRATIONS ARE MINIMIZED TO THE GREATEST EXTENT PRACTICABLE AND LOCATED WITHIN THE LIMITS OF NEW WORK. NO DISTURBANCE OF FLOORS, CEILINGS, ROOFS, WALLS, OR OTHER BUILDING ELEMENTS OUTSIDE THE LIMITS OF NEW WORK SHALL OCCUR WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER AND ARCHITECT.
12. PRIOR TO COMMENCEMENT OF DEMOLITION OR CONSTRUCTION ACTIVITIES, THE GENERAL CONTRACTOR SHALL SUBMIT A COORDINATION DRAWING IDENTIFYING THE LOCATION, SIZE, QUANTITY, AND PURPOSE OF ALL PROPOSED FLOOR, CEILING, AND ROOF PENETRATIONS REQUIRED FOR EXECUTION OF THE WORK. COORDINATION DRAWINGS SHALL INCLUDE ALL PENETRATIONS REQUIRED FOR DUCTWORK, CONDUIT, PIPING, CABLING, AND OTHER BUILDING SYSTEMS ROUTED BETWEEN FLOORS, CEILING SPACES, ATTIC SPACES, OR OTHER BUILDING AREAS.
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14. WHERE PENETRATION CONDITIONS ARE ENCOUNTERED THAT ARE NOT ADDRESSED BY THESE CONSTRUCTION DOCUMENTS, OR WHERE PROPOSED PENETRATIONS ARE REQUIRED OUTSIDE THE LIMITS OF NEW WORK, THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING PRIOR TO PROCEEDING. SUPPLEMENTAL DETAILS MAY BE PROVIDED AS REQUIRED TO ADDRESS FIELD CONDITIONS.
15. COORDINATE ALL DEMOLITION, CUTTING, PATCHING, AND NEW WORK WITH ABATEMENT PLAN TO BE INCORPORATED INTO THE BID DOCUMENTS. DO NOT DISTURB MATERIALS IDENTIFIED FOR ABATEMENT UNTIL REQUIRED TESTING, APPROVALS, AND ABATEMENT PROCEDURES HAVE BEEN COMPLETED.
16. UNDERSLAB VAPOR RETARDER IS PROVIDED ONLY WITHIN LIMITS OF NEW WORK AND IS NOT INTENDED TO SERVE AS A COMPLETE BASEMENT WATERPROOFING SYSTEM OR TO CORRECT EXISTING MOISTURE, WATER INFILTRATION, GROUNDWATER, OR DRAINAGE CONDITIONS.
17. CAREFULLY REMOVE AND STORE EXISTING WINDOW SHADES FOR REINSTALLATION UPON COMPLETION OF WORK. PROTECT SHADES FROM DAMAGE DURING CONSTRUCTION.
18. COORDINATE THE REMOVAL OF ANY SUSPECT HAZARDOUS MATERIALS DISCOVERED DURING DEMOLITION WITH URI'S ABATEMENT CONTRACTOR. DO NOT DISTURB SUSPECT MATERIALS UNTIL PROPERLY EVALUATED AND AUTHORIZED FOR REMOVAL.

DEMOLITION LEGEND

- EXISTING WALL
- EXISTING WALL TO BE REMOVED
- EXISTING DOOR
- EXISTING DOOR TO BE REMOVED
- NOT IN SCOPE
- EXISTING CEILING TO BE REMOVED
- EXISTING SLAB TO BE REMOVED
- EXISTING FLOORING REMOVED IN ABATED AREAS
- LIMIT OF STRUCTURALLY AFFECTED AREA. REFER TO STRUCTURAL DRAWINGS
- EXISTING FLOOR TILE TO BE REMOVED
- EXISTING FLOORING TO BE REMOVED

DEMOLITION KEYNOTES

D3	FOLLOWING REMOVAL OF EXISTING FLOORING BY URI'S ABATEMENT CONTRACTOR, CLEAN AND LEVEL THE EXPOSED SUBSTRATE, PATCH ALL HOLES REGARDLESS OF SIZE, AND PREPARE THE SUBSTRATE TO RECEIVE NEW FLOORING.
D6	EXISTING TO REMAIN HEATING UNIT.
D7	REMOVE EXISTING WALLS, DOORS, FRAMES, AND ASSOCIATED HARDWARE
D14	REMOVE AND DISPOSE OF EXISTING BLACKBOARD
D15	REMOVE AND DISPOSE OF EXISTING BULLETIN BOARD
D16	REMOVE AND DISPOSE OF EXISTING PROJECTOR SCREEN AND EQUIPMENT
D28	REFER TO STRUCTURAL DRAWINGS FOR NEW STRUCTURAL WORK, INCLUDING EXTENT, DETAILS, AND CONNECTIONS, TYP.

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NO	DESCRIPTION	DATE

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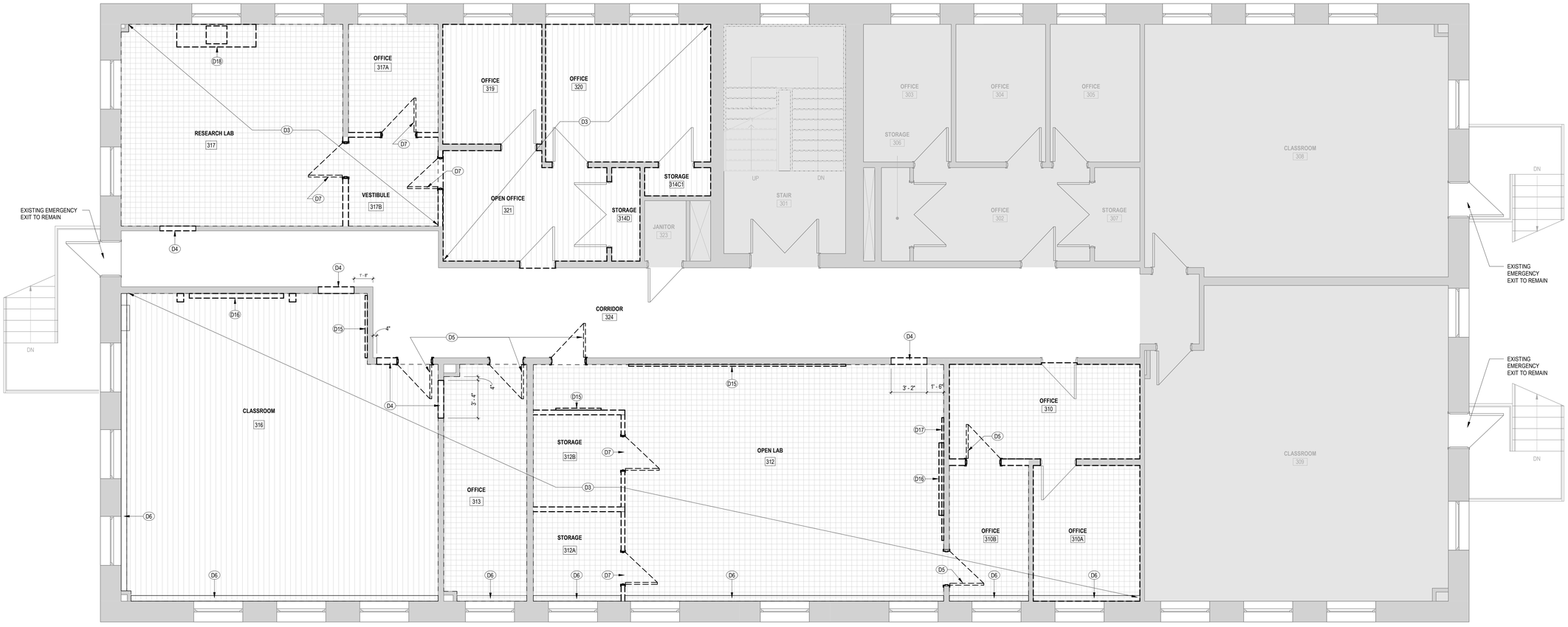
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DRAWN: LA, LR, MS
REVIEWED: BR
PROJECT NO.: 2503449
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TITLE: SECOND FLOOR DEMOLITION PLAN

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1 THIRD FLOOR DEMOLITION PLAN
1/4" = 1'-0"

DEMOLITION GENERAL NOTES

1. REMOVE EXISTING PARTITIONS, DOORS, FRAMES, HARDWARE, FINISHES, AND OTHER ARCHITECTURAL ELEMENTS WITHIN THE LIMITS OF NEW WORK AS REQUIRED FOR CONSTRUCTION OF THE PROPOSED IMPROVEMENTS, UNLESS NOTED OTHERWISE.
2. DEMOLITION IS INTENDED TO BE SELECTIVE. LIMIT DEMOLITION TO THE MINIMUM EXTENT NECESSARY TO ACCOMMODATE THE NEW WORK INDICATED IN THESE CONSTRUCTION DOCUMENTS.
3. DEMOLITION ASSOCIATED WITH MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, FIRE ALARM, DATA, AUDIOVISUAL, SECURITY, AND OTHER LOW-VOLTAGE SYSTEMS IS REQUIRED AS PART OF THIS PROJECT. REFER TO THE DRAWINGS AND SPECIFICATIONS OF THE RESPECTIVE TRADES FOR DEMOLITION REQUIREMENTS, EXTENTS OF WORK, AND COORDINATION REQUIREMENTS.
4. COORDINATE WORK OF ALL TRADES TO MAINTAIN CONTINUITY OF EXISTING SYSTEMS SERVING ADJACENT OCCUPIED AREAS AND SPACES OUTSIDE THE LIMITS OF NEW WORK.
5. PATCH, REPAIR, AND RESTORE ALL EXISTING SURFACES DISTURBED BY DEMOLITION OR NEW WORK TO MATCH ADJACENT EXISTING CONDITIONS UNLESS NOTED OTHERWISE. NOTE: THERE ARE MULTIPLE FINISHES - INCLUDING GYPSUM BOARD, PLASTER, MASONRY, ETC. PRESENT IN THE EXISTING BUILDING. THE G.C. SHALL BE RESPONSIBLE FOR PATCHING WITH THE SAME MATERIALS AND FINISH.
6. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL DEMOLITION AND NEW STRUCTURAL WORK. REMOVE CEILINGS, BULKHEADS, AND OTHER CONSTRUCTION AS REQUIRED TO ACCOMMODATE STRUCTURAL MODIFICATIONS.
7. THE GENERAL CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING, AND OTHER MEASURES NECESSARY TO MAINTAIN STRUCTURAL STABILITY AND SAFETY THROUGHOUT DEMOLITION AND CONSTRUCTION ACTIVITIES.
8. FLOORING DEMOLITION WITHIN AREAS IDENTIFIED FOR OWNER-PERFORMED HAZARDOUS MATERIALS ABATEMENT SHALL BE COMPLETED BY OTHERS UNDER A SEPARATE CONTRACT AND IS NOT PART OF THIS PROJECT SCOPE. THE GENERAL CONTRACTOR SHALL ASSUME FLOORING REMOVAL, ASSOCIATED REMEDIATION, AND REQUIRED PREPARATION OF THOSE AREAS WILL BE COMPLETE PRIOR TO COMMENCEMENT OF FINISH INSTALLATION. GENERAL CONTRACTOR SHALL VERIFY SUBSTRATE CONDITIONS AND COORDINATE ANY REQUIRED PREPARATION FOR NEW FINISHES PRIOR TO INSTALLATION.
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9. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE OWNER DURING THE PRECONSTRUCTION WALKTHROUGH TO IDENTIFY ANY MATERIALS, FURNISHINGS, FIXTURES, EQUIPMENT, OR OTHER ITEMS INDICATED FOR DEMOLITION AND REMOVAL THAT THE OWNER WISHES TO SALVAGE AND RETAIN. THE GENERAL CONTRACTOR SHALL REMAIN RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED IN THESE CONSTRUCTION DOCUMENTS; HOWEVER, FOR ITEMS IDENTIFIED BY THE OWNER FOR RETENTION, THE GENERAL CONTRACTOR SHALL CAREFULLY REMOVE, PROTECT, AND SEPARATE SUCH ITEMS FROM DEMOLITION DEBRIS AND STAGE THEM OUTSIDE WASHBURN HALL AT A LOCATION DESIGNATED BY THE OWNER FOR OWNER RETRIEVAL AND STORAGE.
10. PENETRATION LOCATIONS SHOWN ON THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO IDENTIFY THE GENERAL AREAS WHERE FLOOR, CEILING, AND ROOF PENETRATIONS MAY BE REQUIRED. FINAL LOCATIONS, SIZES, AND QUANTITIES OF PENETRATIONS SHALL BE DETERMINED BY THE GENERAL CONTRACTOR BASED UPON FIELD CONDITIONS, COORDINATION OF ALL TRADES, AND THE REQUIREMENTS OF THE WORK.
11. THE GENERAL CONTRACTOR SHALL COORDINATE ALL NEW PENETRATIONS REQUIRED FOR DUCTWORK, CONDUIT, PIPING, CABLING, AND OTHER BUILDING SYSTEMS SUCH THAT PENETRATIONS ARE MINIMIZED TO THE GREATEST EXTENT PRACTICABLE AND LOCATED WITHIN THE LIMITS OF NEW WORK. NO DISTURBANCE OF FLOORS, CEILINGS, ROOFS, WALLS, OR OTHER BUILDING ELEMENTS OUTSIDE THE LIMITS OF NEW WORK SHALL OCCUR WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER AND ARCHITECT.
12. PRIOR TO COMMENCEMENT OF DEMOLITION OR CONSTRUCTION ACTIVITIES, THE GENERAL CONTRACTOR SHALL SUBMIT A COORDINATION DRAWING IDENTIFYING THE LOCATION, SIZE, QUANTITY, AND PURPOSE OF ALL PROPOSED FLOOR, CEILING, AND ROOF PENETRATIONS REQUIRED FOR EXECUTION OF THE WORK. COORDINATION DRAWINGS SHALL INCLUDE ALL PENETRATIONS REQUIRED FOR DUCTWORK, CONDUIT, PIPING, CABLING, AND OTHER BUILDING SYSTEMS ROUTED BETWEEN FLOORS, CEILING SPACES, ATTIC SPACES, OR OTHER BUILDING AREAS.
13. BASED UPON AVAILABLE RECORD DOCUMENTS AND FIELD OBSERVATIONS, NO FIRE-RESISTANCE-RATED FLOOR ASSEMBLIES WERE IDENTIFIED WITHIN THE AREA OF WORK. NOTWITHSTANDING THIS OBSERVATION, THE GENERAL CONTRACTOR SHALL PROVIDE CODE-COMPLIANT FIREBLOCKING, DRAFTSTOPPING, FIRESTOPPING, AND PENETRATION SEALING AS REQUIRED BY APPLICABLE CODES, SYSTEM REQUIREMENTS, AND MANUFACTURER RECOMMENDATIONS. FIRESTOPPING MATERIALS MAY INCLUDE FIRESTOP ANGLES, FIRESTOP COLLARS, BACKER ROD AND FIRESTOP SEALANT, SELF-LEVELING FIRESTOP SEALANTS, UL-LISTED FIRESTOP SYSTEMS, IN-CAVITY WOOD BLOCKING, OR OTHER APPROVED MATERIALS APPROPRIATE FOR THE SPECIFIC CONDITION.
14. WHERE PENETRATION CONDITIONS ARE ENCOUNTERED THAT ARE NOT ADDRESSED BY THESE CONSTRUCTION DOCUMENTS, OR WHERE PROPOSED PENETRATIONS ARE REQUIRED OUTSIDE THE LIMITS OF NEW WORK, THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING PRIOR TO PROCEEDING. SUPPLEMENTAL DETAILS MAY BE PROVIDED AS REQUIRED TO ADDRESS FIELD CONDITIONS.
15. COORDINATE ALL DEMOLITION, CUTTING, PATCHING, AND NEW WORK WITH ABATEMENT PLAN TO BE INCORPORATED INTO THE BID DOCUMENTS. DO NOT DISTURB MATERIALS IDENTIFIED FOR ABATEMENT UNTIL REQUIRED TESTING, APPROVALS, AND ABATEMENT PROCEDURES HAVE BEEN COMPLETED.
16. UNDERSLAB VAPOR RETARDER IS PROVIDED ONLY WITHIN LIMITS OF NEW WORK AND IS NOT INTENDED TO SERVE AS A COMPLETE BASEMENT WATERPROOFING SYSTEM OR TO CORRECT EXISTING MOISTURE, WATER INFILTRATION, GROUNDWATER, OR DRAINAGE CONDITIONS.
17. CAREFULLY REMOVE AND STORE EXISTING WINDOW SHADES FOR REINSTALLATION UPON COMPLETION OF WORK. PROTECT SHADES FROM DAMAGE DURING CONSTRUCTION.
18. COORDINATE THE REMOVAL OF ANY SUSPECT HAZARDOUS MATERIALS DISCOVERED DURING DEMOLITION WITH URI'S ABATEMENT CONTRACTOR. DO NOT DISTURB SUSPECT MATERIALS UNTIL PROPERLY EVALUATED AND AUTHORIZED FOR REMOVAL.

DEMOLITION LEGEND

EXISTING WALL
EXISTING WALL TO BE REMOVED
EXISTING DOOR
EXISTING DOOR TO BE REMOVED
NOT IN SCOPE
EXISTING CEILING TO BE REMOVED
EXISTING SLAB TO BE REMOVED
EXISTING FLOORING REMOVED IN ABATED AREAS
LIMIT OF STRUCTURALLY AFFECTED AREA. REFER TO STRUCTURAL DRAWINGS
EXISTING FLOOR TILE TO BE REMOVED
EXISTING FLOORING TO BE REMOVED

DEMOLITION KEYNOTES

D3 FOLLOWING REMOVAL OF EXISTING FLOORING BY URI'S ABATEMENT CONTRACTOR, CLEAN AND LEVEL THE EXPOSED SUBSTRATE, PATCH ALL HOLES REGARDLESS OF SIZE, AND PREPARE THE SUBSTRATE TO RECEIVE NEW FLOORING.
D4 REMOVE PORTION OF EXISTING WALL FOR NEW DOOR. COORDINATE WITH DOOR SCHEDULE FOR OPENING DIMENSION. SEE STRUCTURAL FOR HEADER.
D5 REMOVE EXISTING DOORS, FRAMES, AND ASSOCIATED HARDWARE
D6 EXISTING TO REMAIN HEATING UNIT.
D7 REMOVE EXISTING WALLS, DOORS, FRAMES, AND ASSOCIATED HARDWARE
D15 REMOVE AND DISPOSE OF EXISTING BULLETIN BOARD
D16 REMOVE AND DISPOSE OF EXISTING PROJECTOR SCREEN AND EQUIPMENT
D17 REMOVE AND DISPOSE OF EXISTING WHITEBOARD
D18 REMOVE AND DISPOSE OF EXISTING CASEWORK

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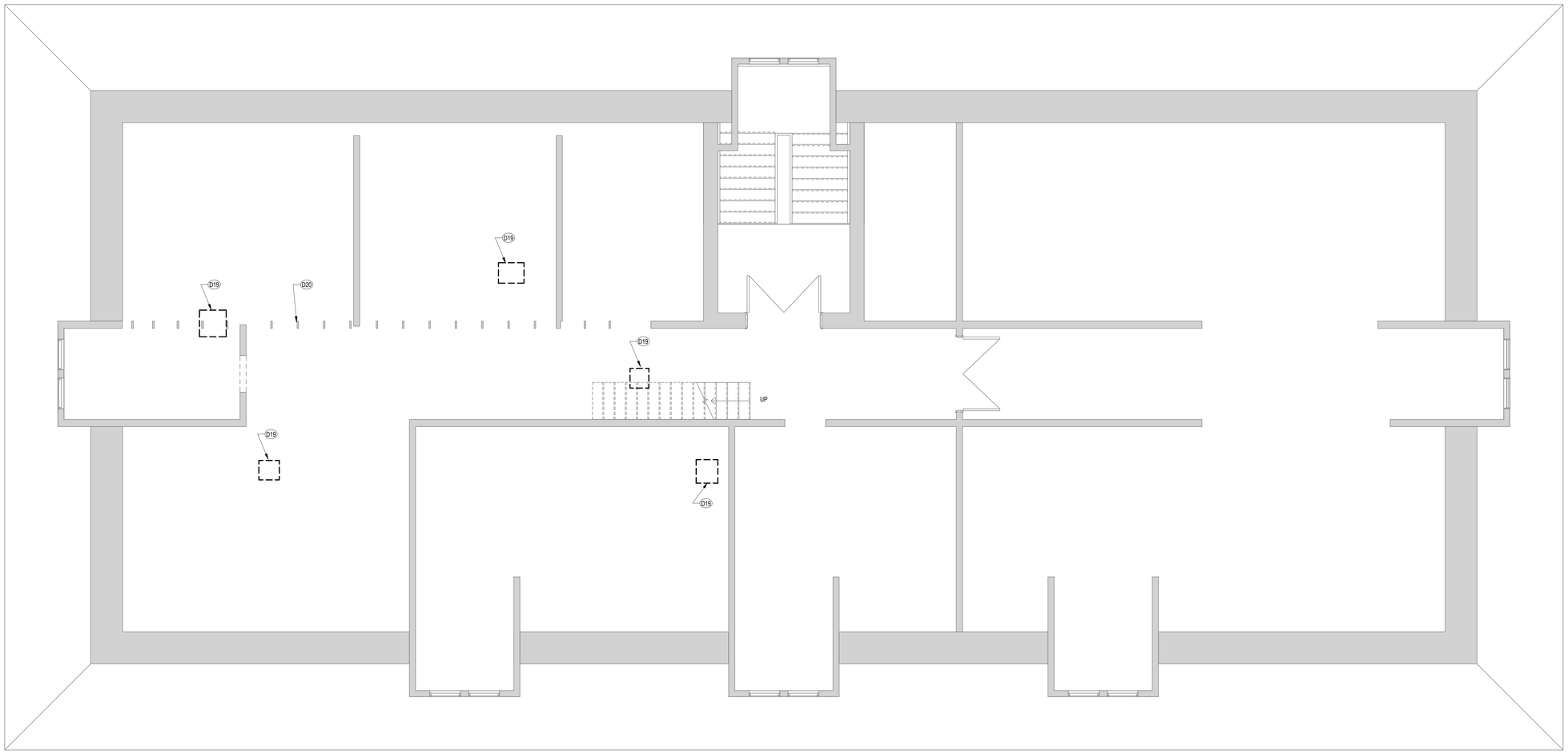
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NO	DATE	DESCRIPTION

DESIGNED: JM
DRAWN: LA, LR, MS
REVIEWED: BR
PROJECT NO.: 2503449
DATE: 09/21/2026
ISSUED FOR: BID

TITLE: THIRD FLOOR DEMOLITION PLAN

SHEET NUMBER
AD1.03



1 ATTIC DEMOLITION PLAN
1/4" = 1'-0"

DEMOLITION GENERAL NOTES

1. REMOVE EXISTING PARTITIONS, DOORS, FRAMES, HARDWARE, FINISHES, AND OTHER ARCHITECTURAL ELEMENTS WITHIN THE LIMITS OF NEW WORK AS REQUIRED FOR CONSTRUCTION OF THE PROPOSED IMPROVEMENTS, UNLESS NOTED OTHERWISE.
2. DEMOLITION IS INTENDED TO BE SELECTIVE. LIMIT DEMOLITION TO THE MINIMUM EXTENT NECESSARY TO ACCOMMODATE THE NEW WORK INDICATED IN THESE CONSTRUCTION DOCUMENTS.
3. DEMOLITION ASSOCIATED WITH MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, FIRE ALARM, DATA, AUDIOVISUAL, SECURITY, AND OTHER LOW-VOLTAGE SYSTEMS IS REQUIRED AS PART OF THIS PROJECT. REFER TO THE DRAWINGS AND SPECIFICATIONS OF THE RESPECTIVE TRADES FOR DEMOLITION REQUIREMENTS, EXTENTS OF WORK, AND COORDINATION REQUIREMENTS.
4. COORDINATE WORK OF ALL TRADES TO MAINTAIN CONTINUITY OF EXISTING SYSTEMS SERVING ADJACENT OCCUPIED AREAS AND SPACES OUTSIDE THE LIMITS OF NEW WORK.
5. PATCH, REPAIR, AND RESTORE ALL EXISTING SURFACES DISTURBED BY DEMOLITION OR NEW WORK TO MATCH ADJACENT EXISTING CONDITIONS UNLESS NOTED OTHERWISE. NOTE: THERE ARE MULTIPLE FINISHES - INCLUDING GYPSUM BOARD, PLASTER, MASONRY, ETC. PRESENT IN THE EXISTING BUILDING. THE G.C. SHALL BE RESPONSIBLE FOR PATCHING WITH THE SAME MATERIALS AND FINISH.
6. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL DEMOLITION AND NEW STRUCTURAL WORK. REMOVE CEILINGS, BULKHEADS, AND OTHER CONSTRUCTION AS REQUIRED TO ACCOMMODATE STRUCTURAL MODIFICATIONS.
7. THE GENERAL CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING, AND OTHER MEASURES NECESSARY TO MAINTAIN STRUCTURAL STABILITY AND SAFETY THROUGHOUT DEMOLITION AND CONSTRUCTION ACTIVITIES.
8. FLOORING DEMOLITION WITHIN AREAS IDENTIFIED FOR OWNER-PERFORMED HAZARDOUS MATERIALS ABATEMENT SHALL BE COMPLETED BY OTHERS UNDER A SEPARATE CONTRACT AND IS NOT PART OF THIS PROJECT SCOPE. THE GENERAL CONTRACTOR SHALL ASSUME FLOORING REMOVAL, ASSOCIATED REMEDIATION, AND REQUIRED PREPARATION OF THOSE AREAS WILL BE COMPLETE PRIOR TO COMMENCEMENT OF FINISH INSTALLATION. GENERAL CONTRACTOR SHALL VERIFY SUBSTRATE CONDITIONS AND COORDINATE ANY REQUIRED PREPARATION FOR NEW FINISHES PRIOR TO INSTALLATION.
8. DEMOLITION AND NEW WORK SHALL BE LIMITED TO THE DESIGNATED WORK AREAS INDICATED IN THESE CONSTRUCTION DOCUMENTS. DISTURBANCE OF CONSTRUCTION, FINISHES, SYSTEMS, OR OCCUPIED AREAS OUTSIDE THE LIMITS OF NEW WORK SHALL BE AVOIDED UNLESS SPECIFICALLY REQUIRED FOR EXECUTION OF THE WORK AND APPROVED BY THE OWNER.
9. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE OWNER DURING THE PRECONSTRUCTION WALKTHROUGH TO IDENTIFY ANY MATERIALS, FURNISHINGS, FIXTURES, EQUIPMENT, OR OTHER ITEMS INDICATED FOR DEMOLITION AND REMOVAL THAT THE OWNER WISHES TO SALVAGE AND RETAIN. THE GENERAL CONTRACTOR SHALL REMAIN RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED IN THESE CONSTRUCTION DOCUMENTS; HOWEVER, FOR ITEMS IDENTIFIED BY THE OWNER FOR RETENTION, THE GENERAL CONTRACTOR SHALL CAREFULLY REMOVE, PROTECT, AND SEPARATE SUCH ITEMS FROM DEMOLITION DEBRIS AND STAGE THEM OUTSIDE WASHBURN HALL AT A LOCATION DESIGNATED BY THE OWNER FOR OWNER RETRIEVAL AND STORAGE.
10. PENETRATION LOCATIONS SHOWN ON THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO IDENTIFY THE GENERAL AREAS WHERE FLOOR, CEILING, AND ROOF PENETRATIONS MAY BE REQUIRED. FINAL LOCATIONS, SIZES, AND QUANTITIES OF PENETRATIONS SHALL BE DETERMINED BY THE GENERAL CONTRACTOR BASED UPON FIELD CONDITIONS, COORDINATION OF ALL TRADES, AND THE REQUIREMENTS OF THE WORK.
11. THE GENERAL CONTRACTOR SHALL COORDINATE ALL NEW PENETRATIONS REQUIRED FOR DUCTWORK, CONDUIT, PIPING, CABLING, AND OTHER BUILDING SYSTEMS SUCH THAT PENETRATIONS ARE MINIMIZED TO THE GREATEST EXTENT PRACTICABLE AND LOCATED WITHIN THE LIMITS OF NEW WORK. NO DISTURBANCE OF FLOORS, CEILINGS, ROOFS, WALLS, OR OTHER BUILDING ELEMENTS OUTSIDE THE LIMITS OF NEW WORK SHALL OCCUR WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER AND ARCHITECT.
12. PRIOR TO COMMENCEMENT OF DEMOLITION OR CONSTRUCTION ACTIVITIES, THE GENERAL CONTRACTOR SHALL SUBMIT A COORDINATION DRAWING IDENTIFYING THE LOCATION, SIZE, QUANTITY, AND PURPOSE OF ALL PROPOSED FLOOR, CEILING, AND ROOF PENETRATIONS REQUIRED FOR EXECUTION OF THE WORK. COORDINATION DRAWINGS SHALL INCLUDE ALL PENETRATIONS REQUIRED FOR DUCTWORK, CONDUIT, PIPING, CABLING, AND OTHER BUILDING SYSTEMS ROUTED BETWEEN FLOORS, CEILING SPACES, ATTIC SPACES, OR OTHER BUILDING AREAS.
13. BASED UPON AVAILABLE RECORD DOCUMENTS AND FIELD OBSERVATIONS, NO FIRE-RESISTANCE-RATED FLOOR ASSEMBLIES WERE IDENTIFIED WITHIN THE AREA OF WORK. NOTWITHSTANDING THIS OBSERVATION, THE GENERAL CONTRACTOR SHALL PROVIDE CODE-COMPLIANT FIREBLOCKING, DRAFTSTOPPING, FIRESTOPPING, AND PENETRATION SEALING AS REQUIRED BY APPLICABLE CODES, SYSTEM REQUIREMENTS, AND MANUFACTURER RECOMMENDATIONS. FIRESTOPPING MATERIALS MAY INCLUDE FIRESTOP COLLARS, BACKER ROD AND FIRESTOP SEALANT, SELF-LEVELING FIRESTOP SEALANTS, UL-LISTED FIRESTOP SYSTEMS, IN-CAVITY WOOD BLOCKING, OR OTHER APPROVED MATERIALS APPROPRIATE FOR THE SPECIFIC CONDITION.
14. WHERE PENETRATION CONDITIONS ARE ENCOUNTERED THAT ARE NOT ADDRESSED BY THESE CONSTRUCTION DOCUMENTS, OR WHERE PROPOSED PENETRATIONS ARE REQUIRED OUTSIDE THE LIMITS OF NEW WORK, THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING PRIOR TO PROCEEDING. SUPPLEMENTAL DETAILS MAY BE PROVIDED AS REQUIRED TO ADDRESS FIELD CONDITIONS.
15. COORDINATE ALL DEMOLITION, CUTTING, PATCHING, AND NEW WORK WITH ABATEMENT PLAN TO BE INCORPORATED INTO THE BID DOCUMENTS. DO NOT DISTURB MATERIALS IDENTIFIED FOR ABATEMENT UNTIL REQUIRED TESTING, APPROVALS, AND ABATEMENT PROCEDURES HAVE BEEN COMPLETED.
16. UNDERSLAB VAPOR RETARDER IS PROVIDED ONLY WITHIN LIMITS OF NEW WORK AND IS NOT INTENDED TO SERVE AS A COMPLETE BASEMENT WATERPROOFING SYSTEM OR TO CORRECT EXISTING MOISTURE, WATER INFILTRATION, GROUNDWATER, OR DRAINAGE CONDITIONS.
17. CAREFULLY REMOVE AND STORE EXISTING WINDOW SHADES FOR REINSTALLATION UPON COMPLETION OF WORK. PROTECT SHADES FROM DAMAGE DURING CONSTRUCTION.
18. COORDINATE THE REMOVAL OF ANY SUSPECT HAZARDOUS MATERIALS DISCOVERED DURING DEMOLITION WITH URI'S ABATEMENT CONTRACTOR. DO NOT DISTURB SUSPECT MATERIALS UNTIL PROPERLY EVALUATED AND AUTHORIZED FOR REMOVAL.

DEMOLITION LEGEND

- EXISTING WALL
- EXISTING WALL TO BE REMOVED
- EXISTING DOOR
- EXISTING DOOR TO BE REMOVED
- NOT IN SCOPE
- EXISTING CEILING TO BE REMOVED
- EXISTING SLAB TO BE REMOVED
- EXISTING FLOORING REMOVED IN ABATED AREAS
- LIMIT OF STRUCTURALLY AFFECTED AREA. REFER TO STRUCTURAL DRAWINGS
- EXISTING FLOOR TILE TO BE REMOVED
- EXISTING FLOORING TO BE REMOVED

DEMOLITION KEYNOTES

D19	PROVIDE NEW OPENING THROUGH ATTIC FLOOR AS REQUIRED FOR ROUTING OF NEW BUILDING SYSTEMS. LOCATE OPENING BETWEEN EXISTING JOISTS WHEREVER PRACTICABLE. COORDINATE EXACT LOCATION, SIZE, AND REQUIREMENTS WITH MEPFP DRAWINGS.
D20	EXISTING TO REMAIN WOOD STUDS. TYP.

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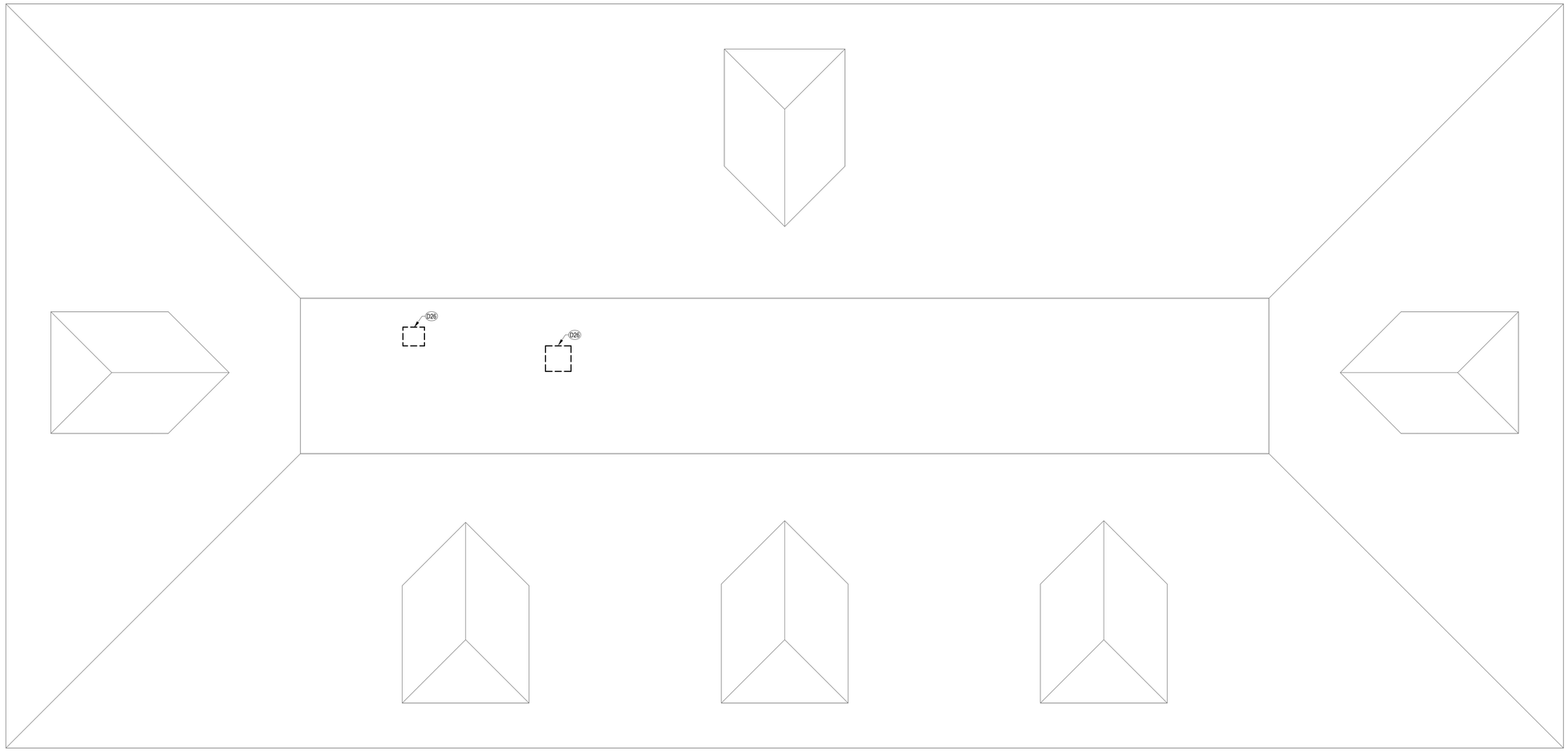
REVISIONS

NO	DATE	DESCRIPTION

DESIGNED: JM
DRAWN: LA, LR, MS
REVIEWED: BR
PROJECT NO.: 2503449
DATE: 09/21/2026
ISSUED FOR: BID

TITLE: ATTIC DEMOLITION PLAN

SHEET NUMBER
AD1.04



1 ROOF DEMOLITION PLAN
1/4" = 1'-0"

DEMOLITION GENERAL NOTES

1. REMOVE EXISTING PARTITIONS, DOORS, FRAMES, HARDWARE, FINISHES, AND OTHER ARCHITECTURAL ELEMENTS WITHIN THE LIMITS OF NEW WORK AS REQUIRED FOR CONSTRUCTION OF THE PROPOSED IMPROVEMENTS, UNLESS NOTED OTHERWISE.
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- EXISTING FLOORING REMOVED IN ABATED AREAS
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- EXISTING FLOOR TILE TO BE REMOVED
- EXISTING FLOORING TO BE REMOVED

DEMOLITION KEYNOTES

D26 PROVIDE NEW ROOF PENETRATION AND GOOSENECK AS REQUIRED FOR NEW BUILDING SYSTEMS. LOCATE PENETRATIONS ON THE FLAT PORTION OF THE EXISTING ROOF ONLY AND AS CLOSE TO ASSOCIATED EQUIPMENT AS PRACTICABLE. EXISTING ROOF ASSEMBLY IS ASSUMED TO BE SIPLAST MODIFIED BITUMEN ROOFING BASED UPON AVAILABLE RECORD DOCUMENTS. REFER TO MEPFP DRAWINGS FOR PENETRATION LOCATIONS, SIZING, ROUTING, AND CONNECTION REQUIREMENTS. PROVIDE FLASHING, SEALANTS, AND ROOFING REPAIRS COMPATIBLE WITH THE EXISTING ROOF SYSTEM. REPAIR AND FLASH ALL PENETRATIONS IN ACCORDANCE WITH SIPLAST PARAPRO® 123 FLASHING SYSTEM REQUIREMENTS AND MANUFACTURER RECOMMENDATIONS.

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REVISIONS

NO	DATE	DESCRIPTION

DESIGNED: JM
DRAWN: LA, LR, MS
REVIEWED: BR
PROJECT NO.: 2503449
DATE: 09/21/2026
ISSUED FOR: BID

TITLE: ROOF DEMOLITION PLAN

SHEET NUMBER: AD1.05

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1 BASEMENT DEMOLITION REFLECTED CEILING PLAN

1/4" = 1'-0"

DEMOLITION GENERAL NOTES

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- EXISTING FLOOR TILE TO BE REMOVED
- EXISTING FLOORING TO BE REMOVED

DEMOLITION KEYNOTES

D29 EXISTING LIGHTS TO REMAIN. SUPPORT AND PROTECT AS REQUIRED.

D30 CONTRACTOR SHALL CAREFULLY SUPPORT AND PROTECT EXISTING CEILING-MOUNTED DEVICES AS REQUIRED FOR INSTALLATION OF STRUCTURAL ELEMENTS. DEVICES REQUIRING TEMPORARY REMOVAL SHALL BE PROPERLY STORED AND REINSTALLED IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS. FIRE PROTECTION AND FIRE ALARM SYSTEMS SHALL REMAIN FUNCTIONAL THROUGHOUT CONSTRUCTION.

D33 REROUTE PIPING, INCLUDING ASSOCIATED FITTING, HANGERS, SUPPORTS, AND CONNECTIONS, AS REQUIRED TO ACCOMMODATE STRUCTURAL WORK. MAINTAIN REQUIRED PIPE SLOPES, SYSTEM CAPACITY, ACCESS CLEARANCES, AND CODE COMPLIANCE. COORDINATE FINAL ROUTING AND ELEVATIONS WITH STRUCTURAL AND MECHANICAL DRAWINGS AND ALL AFFECTED TRADES PRIOR TO FABRICATION AND INSTALLATION.

D39 PROTECT EXISTING ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM FROM DAMAGE DURING DEMOLITION AND RECONSTRUCTION.

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REVISIONS

NO	DATE	DESCRIPTION

DESIGNED:	JM
DRAWN:	LA, LR, MS
REVIEWED:	BR
PROJECT NO.:	2503449
DATE:	09/21/2026
ISSUED FOR:	BID

TITLE:
BASEMENT DEMOLITION RCP

SHEET NUMBER
AD2.00



1 FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN

1/4" = 1'-0"

DEMOLITION GENERAL NOTES

1. REMOVE EXISTING PARTITIONS, DOORS, FRAMES, HARDWARE, FINISHES, AND OTHER ARCHITECTURAL ELEMENTS WITHIN THE LIMITS OF NEW WORK AS REQUIRED FOR CONSTRUCTION OF THE PROPOSED IMPROVEMENTS, UNLESS NOTED OTHERWISE.
2. DEMOLITION IS INTENDED TO BE SELECTIVE. LIMIT DEMOLITION TO THE MINIMUM EXTENT NECESSARY TO ACCOMMODATE THE NEW WORK INDICATED IN THESE CONSTRUCTION DOCUMENTS.
3. DEMOLITION ASSOCIATED WITH MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, FIRE ALARM, DATA, AUDIOVISUAL, SECURITY, AND OTHER LOW-VOLTAGE SYSTEMS IS REQUIRED AS PART OF THIS PROJECT. REFER TO THE DRAWINGS AND SPECIFICATIONS OF THE RESPECTIVE TRADES FOR DEMOLITION REQUIREMENTS, EXTENTS OF WORK, AND COORDINATION REQUIREMENTS.
4. COORDINATE WORK OF ALL TRADES TO MAINTAIN CONTINUITY OF EXISTING SYSTEMS SERVING ADJACENT OCCUPIED AREAS AND SPACES OUTSIDE THE LIMITS OF NEW WORK.
5. PATCH, REPAIR, AND RESTORE ALL EXISTING SURFACES DISTURBED BY DEMOLITION OR NEW WORK TO MATCH ADJACENT EXISTING CONDITIONS UNLESS NOTED OTHERWISE. NOTE: THERE ARE MULTIPLE FINISHES - INCLUDING GYPSUM BOARD, PLASTER, MASONRY, ETC. PRESENT IN THE EXISTING BUILDING. THE G.C. SHALL BE RESPONSIBLE FOR PATCHING WITH THE SAME MATERIALS AND FINISH.
6. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL DEMOLITION AND NEW STRUCTURAL WORK. REMOVE CEILINGS, BULKHEADS, AND OTHER CONSTRUCTION AS REQUIRED TO ACCOMMODATE STRUCTURAL MODIFICATIONS.
7. THE GENERAL CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING, AND OTHER MEASURES NECESSARY TO MAINTAIN STRUCTURAL STABILITY AND SAFETY THROUGHOUT DEMOLITION AND CONSTRUCTION ACTIVITIES.
8. FLOORING DEMOLITION WITHIN AREAS IDENTIFIED FOR OWNER-PERFORMED HAZARDOUS MATERIALS ABATEMENT SHALL BE COMPLETED BY OTHERS UNDER A SEPARATE CONTRACT AND IS NOT PART OF THIS PROJECT SCOPE. THE GENERAL CONTRACTOR SHALL ASSUME FLOORING REMOVAL, ASSOCIATED REMEDIATION, AND REQUIRED PREPARATION OF THOSE AREAS WILL BE COMPLETE PRIOR TO COMMENCEMENT OF FINISH INSTALLATION. GENERAL CONTRACTOR SHALL VERIFY SUBSTRATE CONDITIONS AND COORDINATE ANY REQUIRED PREPARATION FOR NEW FINISHES PRIOR TO INSTALLATION.
8. DEMOLITION AND NEW WORK SHALL BE LIMITED TO THE DESIGNATED WORK AREAS INDICATED IN THESE CONSTRUCTION DOCUMENTS. DISTURBANCE OF CONSTRUCTION, FINISHES, SYSTEMS, OR OCCUPIED AREAS OUTSIDE THE LIMITS OF NEW WORK SHALL BE AVOIDED UNLESS SPECIFICALLY REQUIRED FOR EXECUTION OF THE WORK AND APPROVED BY THE OWNER.
9. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE OWNER DURING THE PRECONSTRUCTION WALKTHROUGH TO IDENTIFY ANY MATERIALS, FURNISHINGS, FIXTURES, EQUIPMENT, OR OTHER ITEMS INDICATED FOR DEMOLITION AND REMOVAL THAT THE OWNER WISHES TO SALVAGE AND RETAIN. THE GENERAL CONTRACTOR SHALL REMAIN RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED IN THESE CONSTRUCTION DOCUMENTS; HOWEVER, FOR ITEMS IDENTIFIED BY THE OWNER FOR RETENTION, THE GENERAL CONTRACTOR SHALL CAREFULLY REMOVE, PROTECT, AND SEPARATE SUCH ITEMS FROM DEMOLITION DEBRIS AND STAGE THEM OUTSIDE WASHBURN HALL AT A LOCATION DESIGNATED BY THE OWNER FOR OWNER RETRIEVAL AND STORAGE.
10. PENETRATION LOCATIONS SHOWN ON THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO IDENTIFY THE GENERAL AREAS WHERE FLOOR, CEILING, AND ROOF PENETRATIONS MAY BE REQUIRED. FINAL LOCATIONS, SIZES, AND QUANTITIES OF PENETRATIONS SHALL BE DETERMINED BY THE GENERAL CONTRACTOR BASED UPON FIELD CONDITIONS, COORDINATION OF ALL TRADES, AND THE REQUIREMENTS OF THE WORK.
11. THE GENERAL CONTRACTOR SHALL COORDINATE ALL NEW PENETRATIONS REQUIRED FOR DUCTWORK, CONDUIT, PIPING, CABLING, AND OTHER BUILDING SYSTEMS SUCH THAT PENETRATIONS ARE MINIMIZED TO THE GREATEST EXTENT PRACTICABLE AND LOCATED WITHIN THE LIMITS OF NEW WORK. NO DISTURBANCE OF FLOORS, CEILINGS, ROOFS, WALLS, OR OTHER BUILDING ELEMENTS OUTSIDE THE LIMITS OF NEW WORK SHALL OCCUR WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER AND ARCHITECT.
12. PRIOR TO COMMENCEMENT OF DEMOLITION OR CONSTRUCTION ACTIVITIES, THE GENERAL CONTRACTOR SHALL SUBMIT A COORDINATION DRAWING IDENTIFYING THE LOCATION, SIZE, QUANTITY, AND PURPOSE OF ALL PROPOSED FLOOR, CEILING, AND ROOF PENETRATIONS REQUIRED FOR EXECUTION OF THE WORK. COORDINATION DRAWINGS SHALL INCLUDE ALL PENETRATIONS REQUIRED FOR DUCTWORK, CONDUIT, PIPING, CABLING, AND OTHER BUILDING SYSTEMS ROUTED BETWEEN FLOORS, CEILING SPACES, ATTIC SPACES, OR OTHER BUILDING AREAS.
13. BASED UPON AVAILABLE RECORD DOCUMENTS AND FIELD OBSERVATIONS, NO FIRE-RESISTANCE-RATED FLOOR ASSEMBLIES WERE IDENTIFIED WITHIN THE AREA OF WORK. NOTWITHSTANDING THIS OBSERVATION, THE GENERAL CONTRACTOR SHALL PROVIDE CODE-COMPLIANT FIREBLOCKING, DRAFTSTOPPING, FIRESTOPPING, AND PENETRATION SEALING AS REQUIRED BY APPLICABLE CODES, SYSTEM REQUIREMENTS, AND MANUFACTURER RECOMMENDATIONS. FIRESTOPPING MATERIALS MAY INCLUDE FIRESTOP COLLARS, BACKER ROD AND FIRESTOP SEALANT, SELF-LEVELING FIRESTOP SEALANTS, UL-LISTED FIRESTOP SYSTEMS, IN-CAVITY WOOD BLOCKING, OR OTHER APPROVED MATERIALS APPROPRIATE FOR THE SPECIFIC CONDITION.
14. WHERE PENETRATION CONDITIONS ARE ENCOUNTERED THAT ARE NOT ADDRESSED BY THESE CONSTRUCTION DOCUMENTS, OR WHERE PROPOSED PENETRATIONS ARE REQUIRED OUTSIDE THE LIMITS OF NEW WORK, THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING PRIOR TO PROCEEDING. SUPPLEMENTAL DETAILS MAY BE PROVIDED AS REQUIRED TO ADDRESS FIELD CONDITIONS.
15. COORDINATE ALL DEMOLITION, CUTTING, PATCHING, AND NEW WORK WITH ABATEMENT PLAN TO BE INCORPORATED INTO THE BID DOCUMENTS. DO NOT DISTURB MATERIALS IDENTIFIED FOR ABATEMENT UNTIL REQUIRED TESTING, APPROVALS, AND ABATEMENT PROCEDURES HAVE BEEN COMPLETED.
16. UNDERSLAB VAPOR RETARDER IS PROVIDED ONLY WITHIN LIMITS OF NEW WORK AND IS NOT INTENDED TO SERVE AS A COMPLETE BASEMENT WATERPROOFING SYSTEM OR TO CORRECT EXISTING MOISTURE, WATER INFILTRATION, GROUNDWATER, OR DRAINAGE CONDITIONS.
17. CAREFULLY REMOVE AND STORE EXISTING WINDOW SHADES FOR REINSTALLATION UPON COMPLETION OF WORK. PROTECT SHADES FROM DAMAGE DURING CONSTRUCTION.
18. COORDINATE THE REMOVAL OF ANY SUSPECT HAZARDOUS MATERIALS DISCOVERED DURING DEMOLITION WITH URI'S ABATEMENT CONTRACTOR. DO NOT DISTURB SUSPECT MATERIALS UNTIL PROPERLY EVALUATED AND AUTHORIZED FOR REMOVAL.

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- EXISTING WALL
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- EXISTING SLAB TO BE REMOVED
- EXISTING FLOORING REMOVED IN ABATED AREAS
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- EXISTING FLOOR TILE TO BE REMOVED
- EXISTING FLOORING TO BE REMOVED

DEMOLITION KEYNOTES

D21 REMOVE CEILING AND ASSOCIATED SUPPORT SYSTEM BACK TO STRUCTURE - SEE MEP FOR DEMOLITION OF LIGHTING, RGD, DEVICES, ETC.

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REVISIONS

NO	DATE	DESCRIPTION

DESIGNED: JM
DRAWN: LA, LR, MS
REVIEWED: BR
PROJECT NO.: 2503449
DATE: 09/21/2026
ISSUED FOR: BID

TITLE: FIRST FLOOR DEMOLITION RCP

SHEET NUMBER: AD2.01

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1 SECOND FLOOR DEMOLITION REFLECTED CEILING PLAN
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REVISIONS

NO	DESCRIPTION	DATE

DESIGNED: JM
DRAWN: LA, LR, MS
REVIEWED: BR
PROJECT NO.: 2503449
DATE: 09/21/2026
ISSUED FOR: BID

TITLE: SECOND FLOOR DEMOLITION RCP

SHEET NUMBER: AD2.02

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1 THIRD FLOOR DEMOLITION REFLECTED CEILING PLAN

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DEMOLITION GENERAL NOTES

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EXISTING FLOORING REMOVED IN ABATED AREAS

LIMIT OF STRUCTURALLY AFFECTED AREA, REFER TO STRUCTURAL DRAWINGS

EXISTING FLOOR TILE TO BE REMOVED

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REVISIONS

NO	DATE	DESCRIPTION

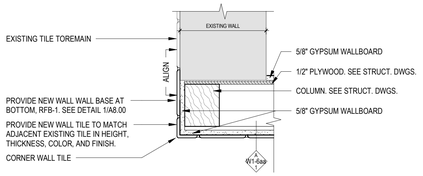
DESIGNED: JM
DRAWN: LA, LR, MS
REVIEWED: BR
PROJECT NO.: 2503449
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ISSUED FOR: BID

TITLE: THIRD FLOOR DEMOLITION RCP

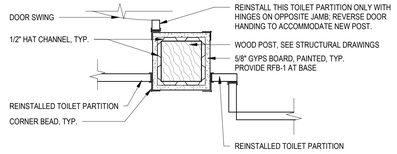
SHEET NUMBER: AD2.03

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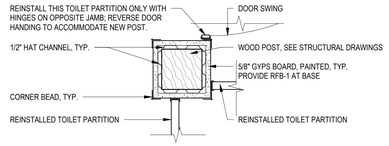
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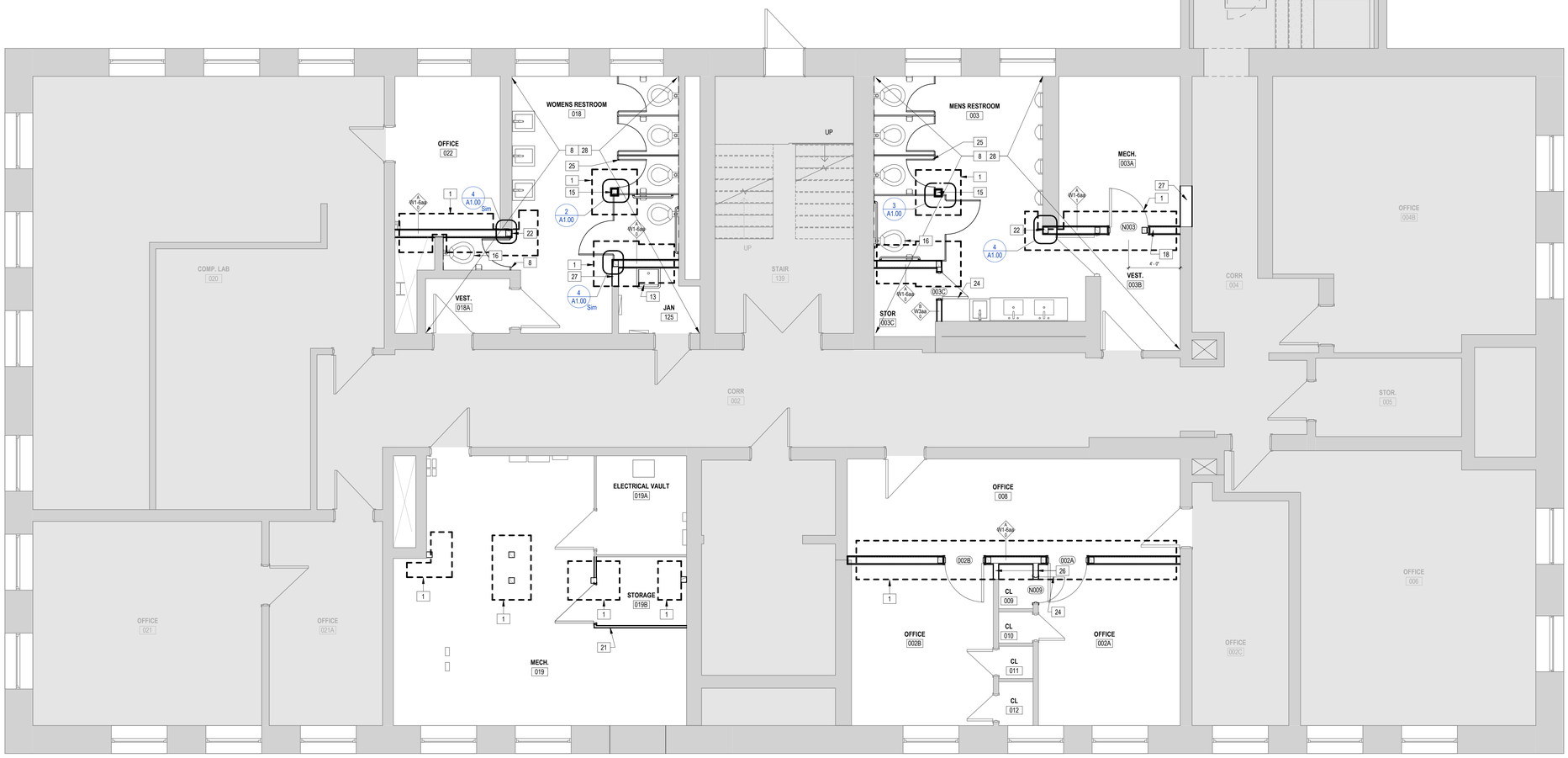
4 PLAN DETAIL AT WALL EDGE
1 1/2" = 1'-0"



3 PLAN DETAIL AT COLUMN WRAP @ 003
1 1/2" = 1'-0"



2 PLAN DETAIL AT COLUMN WRAP @ 018
1 1/2" = 1'-0"



1 BASEMENT FLOOR PLAN
1/4" = 1'-0"

NEW WORK GENERAL NOTES

1. ALL NEW PARTITIONS INDICATED ON THE PLANS ARE INTENDED TO BE ACOUSTIC CONSTRUCTION AND SHALL PROVIDE ADEQUATE VISUAL AND ACOUSTICAL PRIVACY.
2. BASIS OF DESIGN: INTERIOR NON-LOAD-BEARING STEEL STUD PARTITIONS IN ACCORDANCE WITH UL ASSEMBLY U419, UNLESS NOTED OTHERWISE.
   - A. 5/8" GYPSUM BOARD EACH SIDE.
   - B. 1/2" RESILIENT CHANNEL.
   - C. MINERAL WOOL OR FIBERGLASS BATT INSULATION, FULL HEIGHT WITHIN STUD CAVITY.
   - D. ALL NEW PARTITIONS SHALL EXTEND FULL HEIGHT TO THE UNDERSIDE OF STRUCTURE / DECK ABOVE, UNLESS SPECIFICALLY NOTED OTHERWISE, TO PROVIDE FULL ACOUSTICAL SEPARATION THROUGH THE PLENUM SPACE.
   - E. SEAL ALL PARTITION PERIMETERS, PENETRATIONS, AND JOINTS WITH ACOUSTICAL SEALANT TO MAINTAIN INTENDED PERFORMANCE.
3. PROVIDE ACOUSTICAL CEILING TILE (ACT) AS FINISH WITHIN ENCLOSED ROOMS, UNLESS NOTED OTHERWISE.
4. COORDINATE CEILING SYSTEMS WITH MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, FIRE ALARM, DATA, AUDIOVISUAL, SECURITY, AND LIGHTING LAYOUTS.
5. MAINTAIN ACOUSTICAL INTEGRITY AT CEILING-TO-WALL INTERFACES, ABOVE-CEILING CONDITIONS, AND ALL PENETRATIONS OF ACOUSTIC PARTITIONS.
6. 6. NEW AND RELOCATED WALL-MOUNTED MEPFP DEVICES SHALL BE INSTALLED AS REQUIRED FOR THE NEW WORK AND IN ACCORDANCE WITH APPLICABLE CODES AND THE REQUIREMENTS OF THE RESPECTIVE DISCIPLINE DRAWINGS.
7. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL REQUIREMENTS AND NEW STRUCTURAL WORK, TYP.
8. PATCH AND REPAIR AREAS DISTURBED BY DEMOLITION OR NEW WORK TO RECEIVE NEW FINISHES OR TO MATCH ADJACENT EXISTING CONSTRUCTION, UNLESS NOTED OTHERWISE.
9. PATCH, REPAIR, AND FINISH ALL WALL SURFACES INDICATED TO BE PAINTED. PROVIDE A SMOOTH, EVEN SUBSTRATE FREE OF VISIBLE DEFECTS AND READY TO RECEIVE NEW PAINT FINISH.
10. NEW WIRING, CONDUIT, PIPING, CABLING, DEVICES, AND OTHER INFRASTRUCTURE REQUIRED TO SERVE NON-ADJACENT WORK AREAS OR TO EXTEND BETWEEN FLOORS SHALL BE ROUTED WITHIN EXISTING CHASES; NEW PARTITIONS, NEW CEILING SPACES, OR ALONGSIDE EXISTING ACCESSIBLE DISTRIBUTION ROUTES WHEREVER PRACTICABLE. INSTALLATIONS REQUIRING DISTURBANCE OF EXISTING CONSTRUCTION OUTSIDE THE LIMITS OF NEW WORK SHALL BE MINIMIZED.
11. PRIOR TO COMMENCEMENT OF NEW WORK, THE GENERAL CONTRACTOR SHALL SUBMIT A COORDINATION PLAN IDENTIFYING PROPOSED ROUTING OF NEW DISTRIBUTION SYSTEMS, INCLUDING WORK THAT EXTENDS BETWEEN FLOORS OR OUTSIDE THE PRIMARY LIMITS OF CONSTRUCTION. THE COORDINATION PLAN SHALL DEMONSTRATE THAT SUCH WORK IS CONTAINED WITHIN DESIGNATED WORK AREAS OR WILL OTHERWISE MINIMIZE IMPACTS TO EXISTING CONDITIONS AND AREAS OUTSIDE THE PROJECT SCOPE.
12. PENETRATION LOCATIONS SHOWN ON THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO IDENTIFY THE GENERAL AREAS WHERE FLOOR, CEILING, AND ROOF PENETRATIONS MAY BE REQUIRED. FINAL LOCATIONS, SIZES, AND QUANTITIES OF PENETRATIONS SHALL BE DETERMINED BY THE GENERAL CONTRACTOR BASED UPON FIELD CONDITIONS, COORDINATION OF ALL TRADES, AND THE REQUIREMENTS OF THE WORK.
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CONSTRUCTION LEGEND

- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING DOOR TO REMAIN
- NEW DOOR
- EXTENT OF SLAB INFILL COORDINATE W/ STRUCT. DWGS.
- NEW CARPET, AS SPECIFIED

CEILING LEGEND

- EXISTING WALL
- NEW WALL
- CEILING TAG: 1t / 1' - 0" — CEILING TYPE DESIGNATION; CEILING HEIGHT
- CEILING DESIGNATIONS: C-1 ACOUSTIC CEILING TILE (24 X 24)
- 2'X4' TROFFER
- RELOCATED SPRINKLER HEAD
- NEW 2'X2' ACOUSTICAL CEILING TILE
- NOT IN SCOPE
- EXIT SIGN

CONSTRUCTION KEYNOTES

1 INFILL HOLE IN SLAB, LEVEL. REFER TO STRUCTURAL DRAWINGS FOR NEW WORK, TYP. PREPARE FOR INSTALLATION OF NEW FINISHES.
8 REINSTALL STALLS, ACCESSORIES AND TOILETS, TYPICAL
13 PROVIDE AND INSTALL NEW MOP SINK, SAME MODEL AS EXISTING DEMOLISHED MOP SINK, INCLUDING REQUIRED PLUMBING CONNECTIONS, SUPPLY LINES AND DRAIN LINE IN KIND AS REQUIRED.
15 PAINT POST TO MATCH STALL COLOR. PROVIDE RFB-1 AT BASE.
16 REINSTALL TOILET. PROVIDE NEW WASTE PIPING AND REINSTALL TOILET UPON COMPLETION OF FOUNDATION WORK. RECONNECT WATER SUPPLY AND VENTING AS REQUIRED. COORDINATE FINAL CONNECTIONS WITH PLUMBING CONTRACTOR.
18 FINISH WALL. SEE SCHEDULE ON AND FINISH FLOOR PLAN. 1 HR RATED WALL. PROVIDE FIRE SAFING AT TOP OF WALL. SEAL ALL WALL PENETRATIONS TO MAINTAIN FIRE RATING.
21 INSTALL CAGE TO ACCOMODATE THE NEW POST.
22 PROVIDE NEW WALL TILE TO MATCH ADJACENT EXISTING TILE IN HEIGHT, THICKNESS, COLOR, AND FINISH. PREPARE AND PAINT WALL SURFACES ABOVE TILE IN ACCORDANCE WITH THE FINISH SCHEDULE.
24 REINSTALL SALVAGED DOOR, INCLUDING EXISTING HARDWARE; ADJUST FOR PROPER OPERATION.
25 REINSTALL THIS TOILET PARTITION ONLY; REVERSE DOOR HANDING AND RELOCATE HINGES AND SHORT PANEL TO OPPOSITE JAMB TO ACCOMMODATE NEW POST.
26 RECONSTRUCT WALL AT THIS LOCATION TO MATCH ADJACENT EXISTING WALL THICKNESS, COMPOSITION, AND HEIGHT.
27 INFILL REMOVED DOOR OPENING TO MATCH ADJACENT EXISTING WALL THICKNESS AND COMPOSITION; FINISH TO MATCH ADJACENT EXISTING SURFACES.
28 PREPARE SUBSTRATE AS REQUIRED TO RECEIVE NEW RESINOUS FLOORING AND INTEGRAL RESINOUS WALL BASE. PROVIDE RESUFLOR COVE REZ AS PART OF THE FLOORING AND WALL BASE SYSTEM.

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REVISIONS

NO	DESCRIPTION	DATE

DESIGNED:	JM
DRAWN:	LA, LR, MS
REVIEWED:	BR
PROJECT NO.:	2503449
DATE:	09/21/2026
ISSUED FOR:	BID

TITLE: BASEMENT FLOOR PLAN

SHEET NUMBER: A1.00

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1 FIRST FLOOR PLAN
1/4" = 1'-0"

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- EXIT SIGN

CONSTRUCTION KEYNOTES

2 EXTENT OF NEW FLOORING TO BE REPLACED.
17 INSTALL 5/8" GYPSUM BOARD FULL HEIGHT OF WALL; FINISH, PAINT AND INSTALL WALL BASE PER FINISH SCHEDULE.
29 TEMPORARILY SUPPORT AND PROTECT EXISTING DOORS AND FRAMES DURING STRUCTURAL WORK; MAINTAIN PROPER ALIGNMENT AND OPERATION, TYP.

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REVISIONS

NO	DATE	DESCRIPTION

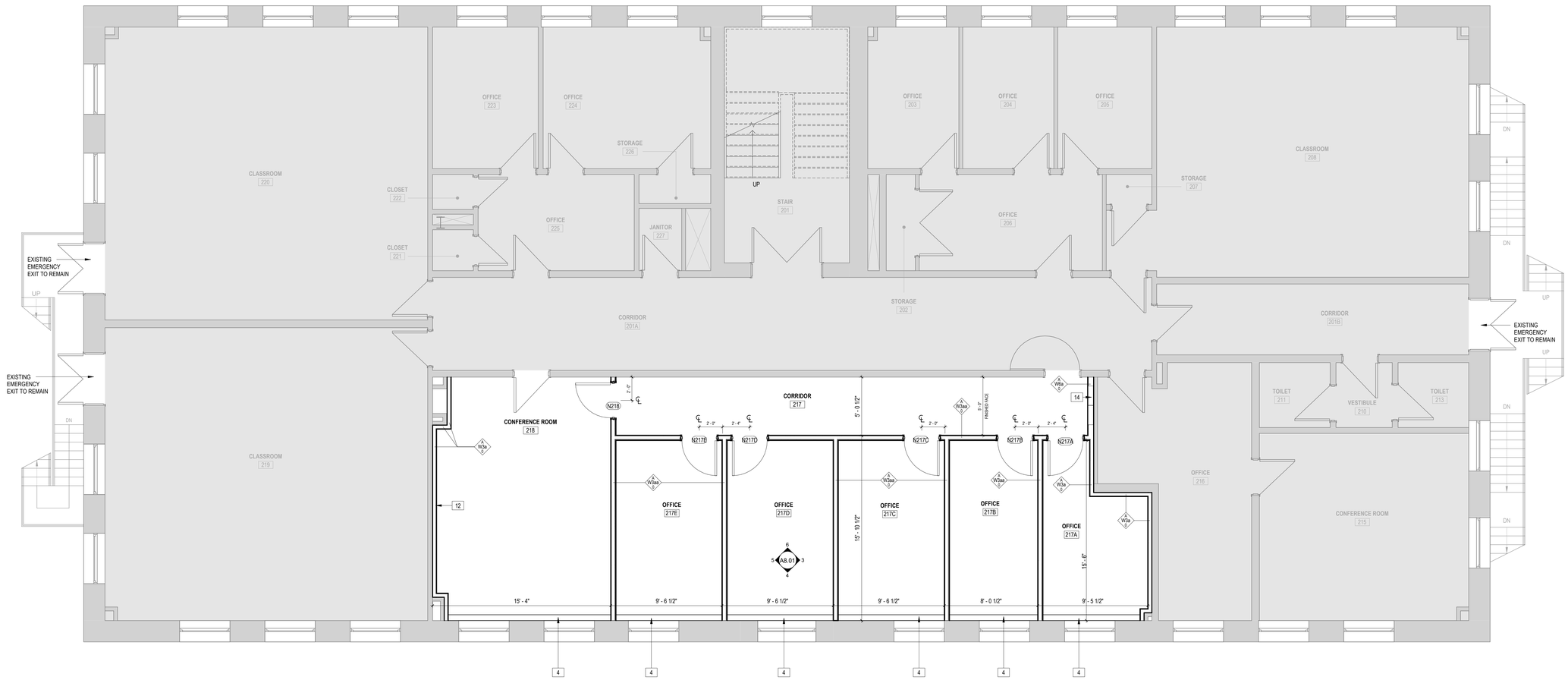
DESIGNED: JM
DRAWN: LA, LR, MS
REVIEWED: BR
PROJECT NO.: 2503449
DATE: 09/21/2026
ISSUED FOR: BID

TITLE: FIRST FLOOR PLAN

SHEET NUMBER: A1.01

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1 SECOND FLOOR PLAN
1/4" = 1'-0"

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- NEW WALL
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- NEW DOOR
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- EXIT SIGN

CONSTRUCTION KEYNOTES

4 EXISTING HEATER TO REMAIN. PAINT COLOR OF WALL, TYP.
12 PROVIDE BLOCKING FOR FUTURE INSTALLATION OF AV WALL
14 PROVIDE NEW RECESSED PANEL. REFER TO MEP DRAWINGS. PROVIDE ADDITIONAL GYPSUM BOARD LAYERS AS REQUIRED TO ACCOMMODATE PANEL DEPTH AND MAINTAIN A FLUSH FINISHED INSTALLATION.

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REVISIONS

NO	DATE	DESCRIPTION

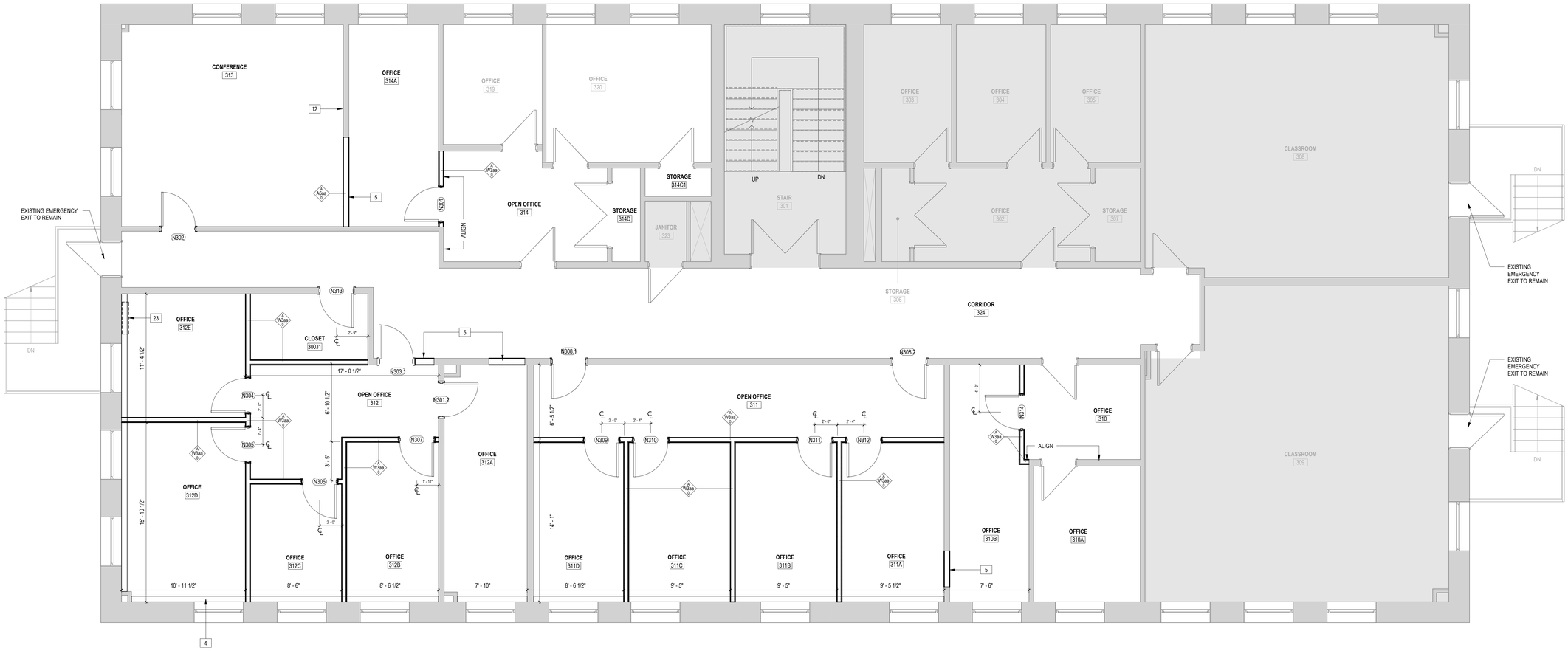
DESIGNED:	JM
DRAWN:	LA, LR, MS
REVIEWED:	BR
PROJECT NO.:	2503449
DATE:	09/21/2026
ISSUED FOR:	BID

TITLE: SECOND FLOOR PLAN

SHEET NUMBER A1.02

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8. PATCH AND REPAIR AREAS DISTURBED BY DEMOLITION OR NEW WORK TO RECEIVE NEW FINISHES OR TO MATCH ADJACENT EXISTING CONSTRUCTION, UNLESS NOTED OTHERWISE.
9. PATCH, REPAIR, AND FINISH ALL WALL SURFACES INDICATED TO BE PAINTED. PROVIDE A SMOOTH, EVEN SUBSTRATE FREE OF VISIBLE DEFECTS AND READY TO RECEIVE NEW PAINT FINISH.
10. NEW WIRING, CONDUIT, PIPING, CABLING, DEVICES, AND OTHER INFRASTRUCTURE REQUIRED TO SERVE NON-ADJACENT WORK AREAS OR TO EXTEND BETWEEN FLOORS SHALL BE ROUTED WITHIN EXISTING CHASES, NEW PARTITIONS, NEW CEILING SPACES, OR ALONGSIDE EXISTING ACCESSIBLE DISTRIBUTION ROUTES WHEREVER PRACTICABLE. INSTALLATIONS REQUIRING DISTURBANCE OF EXISTING CONSTRUCTION OUTSIDE THE LIMITS OF NEW WORK SHALL BE MINIMIZED.
11. PRIOR TO COMMENCEMENT OF NEW WORK, THE GENERAL CONTRACTOR SHALL SUBMIT A COORDINATION PLAN IDENTIFYING PROPOSED ROUTING OF NEW DISTRIBUTION SYSTEMS, INCLUDING WORK THAT EXTENDS BETWEEN FLOORS OR OUTSIDE THE PRIMARY LIMITS OF CONSTRUCTION. THE COORDINATION PLAN SHALL DEMONSTRATE THAT SUCH WORK IS CONTAINED WITHIN DESIGNATED WORK AREAS OR WILL OTHERWISE MINIMIZE IMPACTS TO EXISTING CONDITIONS AND AREAS OUTSIDE THE PROJECT SCOPE
12. PENETRATION LOCATIONS SHOWN ON THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO IDENTIFY THE GENERAL AREAS WHERE FLOOR, CEILING, AND ROOF PENETRATIONS MAY BE REQUIRED. FINAL LOCATIONS, SIZES, AND QUANTITIES OF PENETRATIONS SHALL BE DETERMINED BY THE GENERAL CONTRACTOR BASED UPON FIELD CONDITIONS, COORDINATION OF ALL TRADES, AND THE REQUIREMENTS OF THE WORK.
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CONSTRUCTION LEGEND

- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING DOOR TO REMAIN
- NEW DOOR
- EXTENT OF SLAB INFILL COORDINATE W/ STRUCT. DWGS.
- NEW CARPET AS SPECIFIED

CEILING LEGEND

- EXISTING WALL
- NEW WALL
- CEILING TAG: 1t — CEILING TYPE DESIGNATION; 1' - 0" — CEILING HEIGHT
- CEILING DESIGNATIONS: C-1 ACOUSTIC CEILING TILE (24 X 24)
- 2'X4' TROFFER
- RELOCATED SPRINKLER HEAD
- NEW 2'X2' ACOUSTICAL CEILING TILE
- NOT IN SCOPE
- EXIT SIGN

CONSTRUCTION KEYNOTES

4 EXISTING HEATER TO REMAIN. PAINT COLOR OF WALL, TYP.
5 INFILL WALL TO MATCH ADJACENT WALL WIDTH, HEIGHT AND THICKNESS. PAINT TO MATCH ADJACENT, TYP.
12 PROVIDE BLOCKING FOR FUTURE INSTALLATION OF AV WALL
23 WEATHER MONITORING GAUGES TO REMAIN. PROTECT DURING CONSTRUCTION

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REVISIONS

NO	DATE	DESCRIPTION

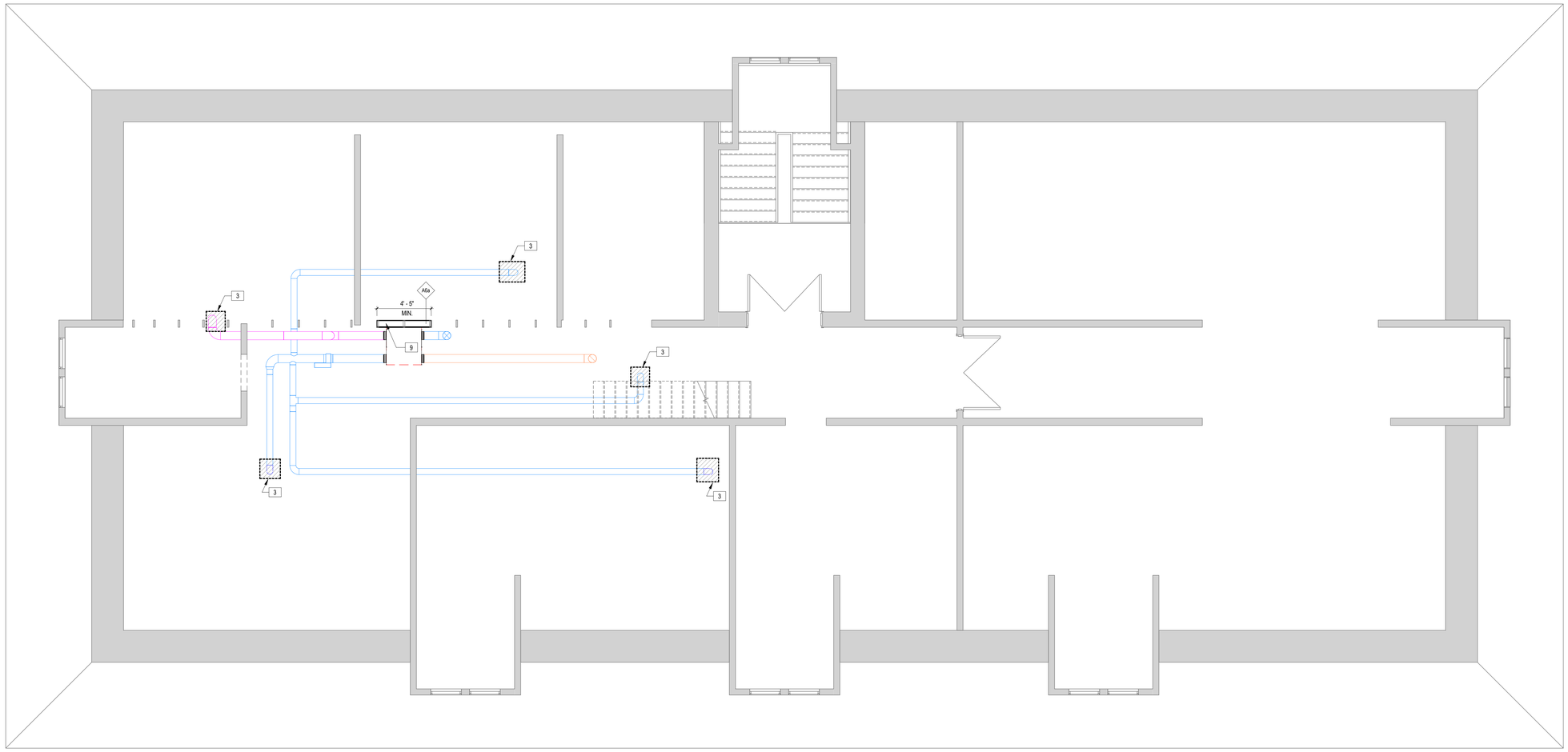
DESIGNED:	JM
DRAWN:	LA, LR, MS
REVIEWED:	BR
PROJECT NO.:	2503449
DATE:	09/21/2026
ISSUED FOR:	BID

TITLE: THIRD FLOOR PLAN

SHEET NUMBER: A1.03

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1 ATTIC PLAN
1/4" = 1'-0"

NEW WORK GENERAL NOTES

1. ALL NEW PARTITIONS INDICATED ON THE PLANS ARE INTENDED TO BE ACOUSTIC CONSTRUCTION AND SHALL PROVIDE ADEQUATE VISUAL AND ACOUSTICAL PRIVACY.
2. BASIS OF DESIGN: INTERIOR NON-LOAD-BEARING STEEL STUD PARTITIONS IN ACCORDANCE WITH UL ASSEMBLY U419, UNLESS NOTED OTHERWISE.
   - A. 5/8" GYPSUM BOARD EACH SIDE.
   - B. 1/2" RESILIENT CHANNEL.
   - C. MINERAL WOOL OR FIBERGLASS BATT INSULATION, FULL HEIGHT WITHIN STUD CAVITY.
   - D. ALL NEW PARTITIONS SHALL EXTEND FULL HEIGHT TO THE UNDERSIDE OF STRUCTURE / DECK ABOVE, UNLESS SPECIFICALLY NOTED OTHERWISE, TO PROVIDE FULL ACOUSTICAL SEPARATION THROUGH THE PLENUM SPACE.
   - E. SEAL ALL PARTITION PERIMETERS, PENETRATIONS, AND JOINTS WITH ACOUSTICAL SEALANT TO MAINTAIN INTENDED PERFORMANCE.
3. PROVIDE ACOUSTICAL CEILING TILE (ACT) AS FINISH WITHIN ENCLOSED ROOMS, UNLESS NOTED OTHERWISE.
4. COORDINATE CEILING SYSTEMS WITH MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, FIRE ALARM, DATA, AUDIOVISUAL, SECURITY, AND LIGHTING LAYOUTS.
5. MAINTAIN ACOUSTICAL INTEGRITY AT CEILING-TO-WALL INTERFACES, ABOVE-CEILING CONDITIONS, AND ALL PENETRATIONS OF ACOUSTIC PARTITIONS.
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CONSTRUCTION LEGEND

- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING DOOR TO REMAIN
- NEW DOOR
- EXTENT OF SLAB INFILL COORDINATE W/ STRUCT. DWGS.
- NEW CARPET AS SPECIFIED

CEILING LEGEND

- EXISTING WALL
- NEW WALL
- CEILING TAG
  - 1t — CEILING TYPE DESIGNATION
  - 1' - 0" — CEILING HEIGHT
- CEILING DESIGNATIONS
  - C-1 ACOUSTIC CEILING TILE (24 X 24)
- 2'X4' TROFFER
- RELOCATED SPRINKLER HEAD
- NEW 2'X2' ACOUSTICAL CEILING TILE
- NOT IN SCOPE
- EXIT SIGN

CONSTRUCTION KEYNOTES

3 PATCH FLOOR AT DUCT PENETRATION TO MEET EXISTING ASSEMBLY FIRE RATING. MATCH THICKNESS, COMPOSITION AND FINISHES TO MATCH ADJACENT.

9 PROVIDE WALL REINFORCEMENT, INCLUDING STUDS AND GYPSUM BOARD AS REQUIRED, TO SUPPORT ERV-1 WALL MOUNTING. LOCATE STUDS TO ALIGN WITH ALL ERV-1 MANUFACTURER-REQUIRED MOUNTING ATTACHMENT POINTS.

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NO	DESCRIPTION	DATE

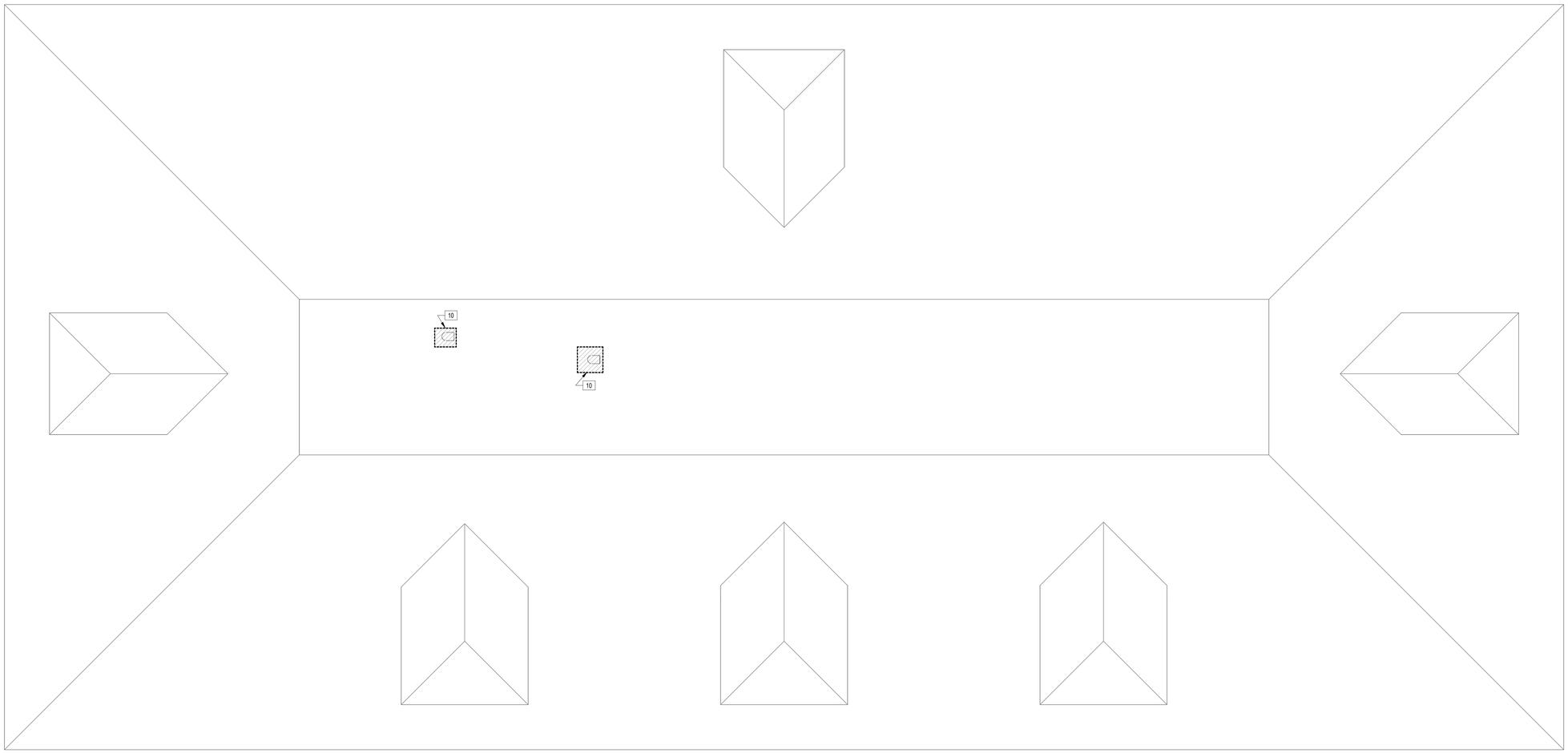
DESIGNED: JM
DRAWN: LA, LR, MS
REVIEWED: BR
PROJECT NO.: 2503449
DATE: 09/21/2026
ISSUED FOR: BID

TITLE: ATTIC PLAN

SHEET NUMBER A1.04

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1 ROOF PLAN
1/4" = 1'-0"

NEW WORK GENERAL NOTES

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   - D. ALL NEW PARTITIONS SHALL EXTEND FULL HEIGHT TO THE UNDERSIDE OF STRUCTURE / DECK ABOVE, UNLESS SPECIFICALLY NOTED OTHERWISE, TO PROVIDE FULL ACOUSTICAL SEPARATION THROUGH THE PLENUM SPACE.
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CONSTRUCTION LEGEND

- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING DOOR TO REMAIN
- NEW DOOR
- EXTENT OF SLAB INFILL COORDINATE W/ STRUCT. DWGS.
- NEW CARPET AS SPECIFIED

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- 2'X4' TROFFER
- RELOCATED SPRINKLER HEAD
- NEW 2'X2' ACOUSTICAL CEILING TILE
- NOT IN SCOPE
- EXIT SIGN

CONSTRUCTION KEYNOTES

10 ROOF PENETRATION. COORDINATE WITH MECHANICAL DRAWINGS FOR EXTENT OF SCOPE. FLASH AND PATCH PER EXISTING ROOF MANUFACTURER SPECIFICATIONS.

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REVISIONS

NO	DESCRIPTION	DATE

DESIGNED: JM
DRAWN: LA, LR, MS
REVIEWED: BR
PROJECT NO.: 2503449
DATE: 09/21/2026
ISSUED FOR: BID

TITLE: ROOF PLAN

SHEET NUMBER: A1.05

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1 BASEMENT REFLECTED CEILING PLAN

1/4" = 1'-0"

NEW WORK GENERAL NOTES

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- RELOCATED SPRINKLER HEAD
- NEW 2'X2' ACOUSTICAL CEILING TILE
- NOT IN SCOPE
- EXIT SIGN

CONSTRUCTION KEYNOTES

19 PATCH, REPAIR, AND FINISH EXISTING CEILING AND GRID AS REQUIRED TO MATCH ADJACENT CONDITIONS.

20 PROVIDE NEW POST. PATCH, REPAIR, AND FINISH EXISTING CEILING AS REQUIRED TO MATCH ADJACENT CONDITIONS.

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NO	DATE	DESCRIPTION

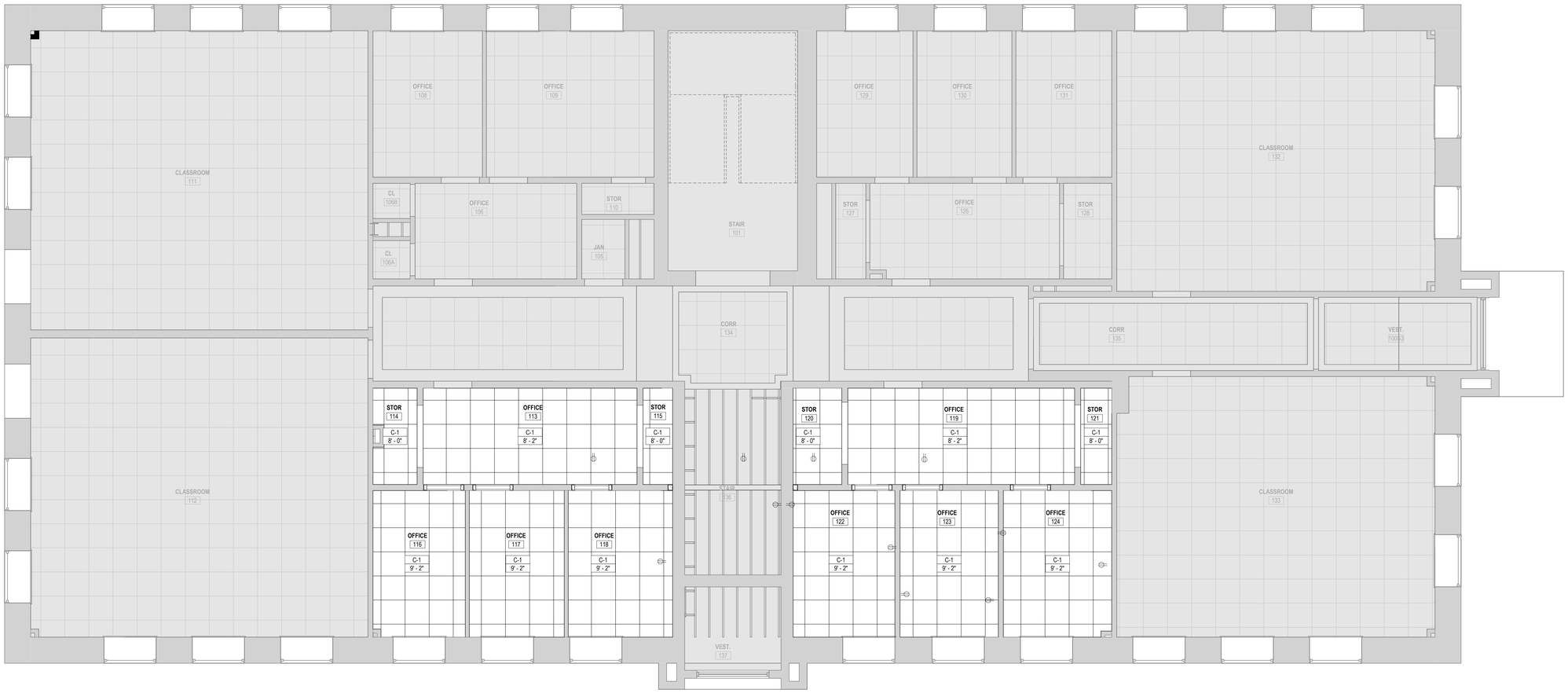
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DRAWN:	LA, LR, MS
REVIEWED:	BR
PROJECT NO.:	2503449
DATE:	09/21/2026
ISSUED FOR:	BID

TITLE:
BASEMENT FLOOR REFLECTED CEILING PLAN

SHEET NUMBER
A2.00

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1 FIRST FLOOR REFLECTED CEILING PLAN
1/4" = 1'-0"

NEW WORK GENERAL NOTES

1. ALL NEW PARTITIONS INDICATED ON THE PLANS ARE INTENDED TO BE ACOUSTIC CONSTRUCTION AND SHALL PROVIDE ADEQUATE VISUAL AND ACOUSTICAL PRIVACY.
2. BASIS OF DESIGN: INTERIOR NON-LOAD-BEARING STEEL STUD PARTITIONS IN ACCORDANCE WITH UL ASSEMBLY U419, UNLESS NOTED OTHERWISE.
   A. 5/8" GYPSUM BOARD EACH SIDE.
   B. 1/2" RESILIENT CHANNEL.
   C. MINERAL WOOL OR FIBERGLASS BATT INSULATION, FULL HEIGHT WITHIN STUD CAVITY.
   D. ALL NEW PARTITIONS SHALL EXTEND FULL HEIGHT TO THE UNDERSIDE OF STRUCTURE / DECK ABOVE, UNLESS SPECIFICALLY NOTED OTHERWISE, TO PROVIDE FULL ACOUSTICAL SEPARATION THROUGH THE PLENUM SPACE.
   E. SEAL ALL PARTITION PERIMETERS, PENETRATIONS, AND JOINTS WITH ACOUSTICAL SEALANT TO MAINTAIN INTENDED PERFORMANCE.
3. PROVIDE ACOUSTICAL CEILING TILE (ACT) AS FINISH WITHIN ENCLOSED ROOMS, UNLESS NOTED OTHERWISE.
4. COORDINATE CEILING SYSTEMS WITH MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, FIRE ALARM, DATA, AUDIOVISUAL, SECURITY, AND LIGHTING LAYOUTS.
5. MAINTAIN ACOUSTICAL INTEGRITY AT CEILING-TO-WALL INTERFACES, ABOVE-CEILING CONDITIONS, AND ALL PENETRATIONS OF ACOUSTIC PARTITIONS.
6. 6. NEW AND RELOCATED WALL-MOUNTED MEPFP DEVICES SHALL BE INSTALLED AS REQUIRED FOR THE NEW WORK AND IN ACCORDANCE WITH APPLICABLE CODES AND THE REQUIREMENTS OF THE RESPECTIVE DISCIPLINE DRAWINGS.
7. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL REQUIREMENTS AND NEW STRUCTURAL WORK, TYP.
8. PATCH AND REPAIR AREAS DISTURBED BY DEMOLITION OR NEW WORK TO RECEIVE NEW FINISHES OR TO MATCH ADJACENT EXISTING CONSTRUCTION, UNLESS NOTED OTHERWISE.
9. PATCH, REPAIR, AND FINISH ALL WALL SURFACES INDICATED TO BE PAINTED. PROVIDE A SMOOTH, EVEN SUBSTRATE FREE OF VISIBLE DEFECTS AND READY TO RECEIVE NEW PAINT FINISH.
10. NEW WIRING, CONDUIT, PIPING, CABLING, DEVICES, AND OTHER INFRASTRUCTURE REQUIRED TO SERVE NON-ADJACENT WORK AREAS OR TO EXTEND BETWEEN FLOORS SHALL BE ROUTED WITHIN EXISTING CHASES, NEW PARTITIONS, NEW CEILING SPACES, OR ALONGSIDE EXISTING ACCESSIBLE DISTRIBUTION ROUTES WHEREVER PRACTICABLE. INSTALLATIONS REQUIRING DISTURBANCE OF EXISTING CONSTRUCTION OUTSIDE THE LIMITS OF NEW WORK SHALL BE MINIMIZED.
11. PRIOR TO COMMENCEMENT OF NEW WORK, THE GENERAL CONTRACTOR SHALL SUBMIT A COORDINATION PLAN IDENTIFYING PROPOSED ROUTING OF NEW DISTRIBUTION SYSTEMS, INCLUDING WORK THAT EXTENDS BETWEEN FLOORS OR OUTSIDE THE PRIMARY LIMITS OF CONSTRUCTION. THE COORDINATION PLAN SHALL DEMONSTRATE THAT SUCH WORK IS CONTAINED WITHIN DESIGNATED WORK AREAS OR WILL OTHERWISE MINIMIZE IMPACTS TO EXISTING CONDITIONS AND AREAS OUTSIDE THE PROJECT SCOPE.
12. PENETRATION LOCATIONS SHOWN ON THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO IDENTIFY THE GENERAL AREAS WHERE FLOOR, CEILING, AND ROOF PENETRATIONS MAY BE REQUIRED. FINAL LOCATIONS, SIZES, AND QUANTITIES OF PENETRATIONS SHALL BE DETERMINED BY THE GENERAL CONTRACTOR BASED UPON FIELD CONDITIONS, COORDINATION OF ALL TRADES, AND THE REQUIREMENTS OF THE WORK.
13. THE GENERAL CONTRACTOR SHALL COORDINATE ALL NEW FLOOR, CEILING, AND ROOF PENETRATIONS REQUIRED FOR DUCTWORK, CONDUIT, PIPING, CABLING, AND OTHER BUILDING SYSTEMS SUCH THAT PENETRATIONS ARE MINIMIZED TO THE GREATEST EXTENT PRACTICABLE AND LOCATED WITHIN THE LIMITS OF NEW WORK. NO DISTURBANCE OF FLOORS, CEILINGS, ROOFS, WALLS, OR OTHER BUILDING ELEMENTS OUTSIDE THE LIMITS OF NEW WORK SHALL OCCUR WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER AND ARCHITECT.
14. PRIOR TO COMMENCEMENT OF DEMOLITION OR CONSTRUCTION ACTIVITIES, THE GENERAL CONTRACTOR SHALL SUBMIT A COORDINATION DRAWING IDENTIFYING THE LOCATION, SIZE, QUANTITY, AND PURPOSE OF ALL PROPOSED FLOOR, CEILING, AND ROOF PENETRATIONS REQUIRED FOR EXECUTION OF THE WORK.
15. BASED UPON AVAILABLE RECORD DOCUMENTS AND FIELD OBSERVATIONS, NO FIRE-RESISTANCE-RATED FLOOR ASSEMBLIES WERE IDENTIFIED WITHIN THE AREA OF WORK. NOTWITHSTANDING THIS OBSERVATION, THE GENERAL CONTRACTOR SHALL PROVIDE CODE-COMPLIANT FIREBLOCKING, DRAFTSTOPPING, FIRESTOPPING, AND PENETRATION SEALING AS REQUIRED BY APPLICABLE CODES, SYSTEM REQUIREMENTS, AND MANUFACTURER RECOMMENDATIONS.

CONSTRUCTION LEGEND

- EXISTING WALL TO REMAIN
- NEW WALL
- EXISTING DOOR TO REMAIN
- NEW DOOR
- EXTENT OF SLAB INFILL COORDINATE W/ STRUCT. DWGS.
- NEW CARPET AS SPECIFIED

CEILING LEGEND

- EXISTING WALL
- NEW WALL
- CEILING TAG: 11 / 1' - 0" — CEILING TYPE DESIGNATION / CEILING HEIGHT
- CEILING DESIGNATIONS: C-1 ACOUSTIC CEILING TILE (24 X 24)
- 2'X4' TROFFER
- RELOCATED SPRINKLER HEAD
- NEW 2'X2' ACOUSTICAL CEILING TILE
- NOT IN SCOPE
- EXIT SIGN

CONSTRUCTION KEYNOTES

TRUE NORTH

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REVISIONS

NO	DATE	DESCRIPTION

DESIGNED:	JM
DRAWN:	LA, LR, MS
REVIEWED:	BR
PROJECT NO.:	2503449
DATE:	09/21/2026
ISSUED FOR:	BID

TITLE:
FIRST FLOOR REFLECTED CEILING PLAN

SHEET NUMBER
A2.01



1 SECOND FLOOR REFLECTED CEILING PLAN

1/4" = 1'-0"

NEW WORK GENERAL NOTES

1. ALL NEW PARTITIONS INDICATED ON THE PLANS ARE INTENDED TO BE ACOUSTIC CONSTRUCTION AND SHALL PROVIDE ADEQUATE VISUAL AND ACOUSTICAL PRIVACY.
2. BASIS OF DESIGN: INTERIOR NON-LOAD-BEARING STEEL STUD PARTITIONS IN ACCORDANCE WITH UL ASSEMBLY U419, UNLESS NOTED OTHERWISE.
   - A. 5/8" GYPSUM BOARD EACH SIDE.
   - B. 1/2" RESILIENT CHANNEL.
   - C. MINERAL WOOL OR FIBERGLASS BATT INSULATION, FULL HEIGHT WITHIN STUD CAVITY.
   - D. ALL NEW PARTITIONS SHALL EXTEND FULL HEIGHT TO THE UNDERSIDE OF STRUCTURE / DECK ABOVE, UNLESS SPECIFICALLY NOTED OTHERWISE, TO PROVIDE FULL ACOUSTICAL SEPARATION THROUGH THE PLENUM SPACE.
   - E. SEAL ALL PARTITION PERIMETERS, PENETRATIONS, AND JOINTS WITH ACOUSTICAL SEALANT TO MAINTAIN INTENDED PERFORMANCE.
3. PROVIDE ACOUSTICAL CEILING TILE (ACT) AS FINISH WITHIN ENCLOSED ROOMS, UNLESS NOTED OTHERWISE.
4. COORDINATE CEILING SYSTEMS WITH MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, FIRE ALARM, DATA, AUDIOVISUAL, SECURITY, AND LIGHTING LAYOUTS.
5. MAINTAIN ACOUSTICAL INTEGRITY AT CEILING-TO-WALL INTERFACES, ABOVE-CEILING CONDITIONS, AND ALL PENETRATIONS OF ACOUSTIC PARTITIONS.
6. 6. NEW AND RELOCATED WALL-MOUNTED MEPFP DEVICES SHALL BE INSTALLED AS REQUIRED FOR THE NEW WORK AND IN ACCORDANCE WITH APPLICABLE CODES AND THE REQUIREMENTS OF THE RESPECTIVE DISCIPLINE DRAWINGS.
7. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL REQUIREMENTS AND NEW STRUCTURAL WORK, TYP.
8. PATCH AND REPAIR AREAS DISTURBED BY DEMOLITION OR NEW WORK TO RECEIVE NEW FINISHES OR TO MATCH ADJACENT EXISTING CONSTRUCTION, UNLESS NOTED OTHERWISE.
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CONSTRUCTION LEGEND

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- 2'X4' TROFFER
- RELOCATED SPRINKLER HEAD
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- NOT IN SCOPE
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CONSTRUCTION KEYNOTES

7 INSTALL ALL SPRINKLER HEADS CENTERED WITHIN ACOUSTICAL CEILING TILES (ACT) WHEREVER PRACTICABLE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING EXISTING-TO-REMAIN SPRINKLER HEADS AS NECESSARY TO COORDINATE WITH NEW CEILING LAYOUTS, CEILING SUSPENSION SYSTEMS, AND OTHER CEILING-MOUNTED DEVICES. SPRINKLER HEADS SHALL BE LOCATED AT THE CENTER OF CEILING TILES TO THE GREATEST EXTENT PRACTICABLE WHILE MAINTAINING CODE-COMPLIANT COVERAGE AND SPACING REQUIREMENTS

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REVISIONS

NO	DATE	DESCRIPTION

DESIGNED:	JM
DRAWN:	LA, LR, MS
REVIEWED:	BR
PROJECT NO.:	2503449
DATE:	09/21/2026
ISSUED FOR:	BID

TITLE:
SECOND FLOOR REFLECTED CEILING PLAN

SHEET NUMBER
A2.02

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1 THIRD FLOOR REFLECTED CEILING PLAN
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CONSTRUCTION LEGEND

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- NEW WALL
- EXISTING DOOR TO REMAIN
- NEW DOOR
- EXTENT OF SLAB INFILL COORDINATE W/ STRUCT. DWGS.
- NEW CARPET AS SPECIFIED

CEILING LEGEND

- EXISTING WALL
- NEW WALL
- CEILING TAG: 1t / 1' - 0" — CEILING TYPE DESIGNATION / CEILING HEIGHT
- CEILING DESIGNATIONS: C-1 ACOUSTIC CEILING TILE (24 X 24)
- 2'X4' TROFFER
- RELOCATED SPRINKLER HEAD
- NEW 2'X2' ACOUSTICAL CEILING TILE
- NOT IN SCOPE
- EXIT SIGN

CONSTRUCTION KEYNOTES

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TRUE NORTH

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REVISIONS

NO	DATE	DESCRIPTION

DESIGNED: JM
DRAWN: LA, LR, MS
REVIEWED: BR
PROJECT NO.: 2503449
DATE: 09/21/2026
ISSUED FOR: BID

TITLE: THIRD FLOOR REFLECTED CEILING PLAN

SHEET NUMBER A2.03

FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOORING		WALL				CEILING	
		FINISH	BASE	EAST WALL	NORTH WALL	SOUTH WALL	WEST WALL	CEILING TYPE	FINISH
BASEMENT									
002A	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	AS NEEDED	ACT
002B	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	AS NEEDED	ACT
003	MENS RESTROOM	RF-1	RFB-1	PT-1/T-1	PT-1/T-1	PT-1/T-1	PT-1/T-1	AS NEEDED	ACT
003A	MECH.	ETR	NONE	ETR	ETR	PT-1	ETR	ETR	P-1
003B	VEST.	RF-1	RFB-1	PT-1/ETR	PT-1/T-1	PT-1/ETR	PT-1/ETR	AS NEEDED	ACT
003C	STOR	RF-1	RFB-1	PT-1	PT-1	PT-1	PT-1	AS NEEDED	ACT
008	OFFICE	VCT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	AS NEEDED	ACT
009	CL	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	AS NEEDED	ACT
010	CL	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	AS NEEDED	ACT
011	CL	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	AS NEEDED	ACT
012	CL	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	AS NEEDED	ACT
018	WOMENS RESTROOM	RF-1	RFB-1	PT-1/T-1	PT-1	PT-1	PT-1/T-1	AS NEEDED	ACT
018A	VEST.	RF-1	RFB-1	PT-1/ETR	PT-1/ETR	PT-1/ETR	PT-1/ETR	AS NEEDED	ACT
019	MECH.	EX. CONC. SEALED	NONE	ETR	ETR	ETR	ETR	ETR	P-1
022	OFFICE	ETR/VCT-2	RWB-1	PT-1	PT-1	PT-1	PT-1	AS NEEDED	ACT
125	JAN	RF-1	RFB-1	PT-1/ETR	PT-1/T-1	PT-1/ETR	PT-1/ETR	AS NEEDED	ACT
1ST FLOOR									
105	JAN	RF-1	RFB-1	ETR	ETR	ETR	ETR	ETR	ETR
106	OFFICE	CPT-2	RWB-1	ETR	ETR	ETR	ETR	ETR	ETR
108	OFFICE	CPT-2	RWB-1	ETR	ETR	ETR	ETR	ETR	ETR
109	OFFICE	CPT-2	RWB-1	ETR	ETR	ETR	ETR	ETR	ETR
110	STOR	CPT-2	RWB-1	ETR	ETR	ETR	ETR	ETR	ETR
113	OFFICE	CPT-2	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
114	STOR	CPT-2	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
115	STOR	CPT-2	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
116	OFFICE	CPT-2	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
117	OFFICE	CPT-2	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
118	OFFICE	CPT-2	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
119	OFFICE	CPT-2	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
120	STOR	CPT-2	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
121	STOR	CPT-2	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
122	OFFICE	CPT-2	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
123	OFFICE	CPT-2	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
124	OFFICE	CPT-2	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
126	OFFICE	CPT-2	RWB-1	ETR	ETR	ETR	ETR	ETR	ETR
127	STOR	CPT-2	RWB-1	ETR	ETR	ETR	ETR	ETR	ETR
128	STOR	CPT-2	RWB-1	ETR	ETR	ETR	ETR	ETR	ETR
129	OFFICE	CPT-2	RWB-1	ETR	ETR	ETR	ETR	ETR	ETR
130	OFFICE	CPT-2	RWB-1	ETR	ETR	ETR	ETR	ETR	ETR
131	OFFICE	CPT-2	RWB-1	ETR	ETR	ETR	ETR	ETR	ETR
2ND FLOOR									
217	CORRIDOR	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
217A	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
217B	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
217C	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
217D	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
217E	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
218	CONFERENCE ROOM	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-2	C-1	ACT
3RD FLOOR									
300J1	CLOSET	VCT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
310A	OFFICE	CPT-1	RWB-1	ETR	ETR	ETR	ETR	ETR	ETR
310B	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
311	OPEN OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
311A	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
311B	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
311C	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
311D	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
312	OPEN OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
312A	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
312B	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
312C	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
312D	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
312E	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
313	CONFERENCE	CPT-1	RWB-1	PT-2	PT-1	PT-1	PT-1	C-1	ACT
314	OPEN OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	C-1	ACT
314A	OFFICE	CPT-1	RWB-1	PT-1	PT-2	PT-1	PT-1	C-1	ACT
314C1	STORAGE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	ETR	ETR
314D	STORAGE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	ETR	ETR
319	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	ETR	ETR
320	OFFICE	CPT-1	RWB-1	PT-1	PT-1	PT-1	PT-1	ETR	ETR

FINISH MATERIALS

	ITEM	MARK	MANUFACTURER	PRODUCT NO.	COLOR	FINISH	REMARKS	FLAME SPREAD/ CLASS/ HUMIDITY
CEILING	ACT	C-1	ARMSTRONG	ARMSTRONG 896, 24"X24"	WHITE	FINE FISSURED		CLASS A/ STANDARD HUMIDITY
PAINT	PAINT	P-1	SHERWIN WILLIAMS	SW7008	ALABASTER		FIELD WALLS	
PAINT	PAINT	P-2	SHERWIN WILLIAMS	SW6256	MORNING FOG		ACCENT WALL	
PAINT	PAINT	P-3	SHERWIN WILLIAMS	SW7006	EXTRA WHITE		GYPSUM BOARD CEILINGS	
WALL	EXISTING WALL FINISH	EX	EXISTING WALL FINISH					
WALL	PORCELAIN TILE	T-1	TILE AMERICA	DECOR GRIGIO 6"X6" V2	GLAZED PORCELAIN		USED AT WALLS	CLASS A/ HIGH HUMIDITY
FLOOR	VYNIL COMPOSITION TILE	VCT-1	ARMSTRONG FLOORING	52513	NEW GRANITE		REFER TO FINISH PLANS	CLASS I/ HIGH HUMIDITY
FLOOR	VYNIL COMPOSITION TILE	VCT-2	TBD	MATCH EXISTING	MATCH EXISTING		REFER TO FINISH PLANS	
FLOOR	CARPET TILE PLANK	CPT-1	FORBO	FLOTEX PRAIRIES	WARM 3, 004316			CLASS I/ HIGH HUMIDITY
FLOOR	CARPET TILE PLANK	CPT-2	FORBO	FLOTEX PRAIRIES	MATCH COLOR IN ROOM 113			CLASS I/ HIGH HUMIDITY
FLOOR	RESINOUS FLOORING	RF-1	SHERWIN WILLIAMS	RESUFLOOR	WHITE PEPPER	DECO QUARTZ	BATHROOMS & JANITOR CLOSETS	CLASS I/ HIGH HUMIDITY
BASE	RUBBER WALL BASE	RWB-1	JOHNSONITE	6 INCHES	BURNT UMBER			CLASS B/ STANDARD HUMIDITY
BASE	RESINOUS BASE	RFB-1	SHERWIN WILLIAMS	RESUFLOOR	WHITE PEPPER - 6 INCHES	DECO QUARTZ	BATHROOMS & JANITOR CLOSETS. PROVIDE 4" RESUFLOR COVE REZ	
TRANSITION STRIPS	TRANSITION STRIP	TS-1	PER FLOORING MANUFACTURER SPECIFICATIONS	ALUMINUM TRANSITION STRIP, CARPET TO EXISTING POLISHED CONCRETE.	ALUMINUM			

DOOR AND FRAME SCHEDULE

ROOM NAME	DOOR NUMBER	DOOR SIZE PANEL 1 WIDTH	DOOR SIZE HEIGHT	DOOR DESCRIPTION PANEL 1 TYPE	DOOR DESCRIPTION FINISH	FRAME DESCRIPTION TYPE	FRAME DESCRIPTION MATERIAL	FRAME DETAILS HEAD DETAIL	FRAME DETAILS JAMB DETAIL	FRAME DETAILS SILL DETAIL	HARDWARE SET	REMARKS	SIGNAGE
BASEMENT													
OFFICE	002A	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
OFFICE	002B	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
MENS RESTROOM	003C	EXISTING	EXISTING	F								REINSTALL SALVAGED DOOR WITH ORIGINAL HARDWARE	
VEST.	N003	3' - 0"	8' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3	A6.01/5	3	45 MIN. FIRE RATED. SOLID CORE WOOD DOOR	TYPE 4
STORAGE	N005	3' - 0"	7' - 0"	F								REINSTALL SALVAGED GATE WITH ORIGINAL HARDWARE	
CL	N009	EXISTING	EXISTING	F								REINSTALL SALVAGED DOOR WITH ORIGINAL HARDWARE	
1ST FLOOR													
OFFICE	N108	3' - 0"	8' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
OFFICE	N109	3' - 0"	8' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
2ND FLOOR													
OFFICE	N217A	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
OFFICE	N217B	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
OFFICE	N217C	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
OFFICE	N217D	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
OFFICE	N217E	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
CONFERENCE ROOM	N218	3' - 0"	7' - 0"	FG	WD	HM1	HM	A6.01/4	A6.01/3		2	SOLID CORE WOOD DOOR	TYPE 1A
3RD FLOOR													
OFFICE	N301	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
OFFICE	N301.2	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 1
CONFERENCE	N302	3' - 0"	8' - 0"	FG	WD	HM1	HM	A6.01/4	A6.01/3	A6.01/5	2	SOLID CORE WOOD DOOR	TYPE 1A
OPEN OFFICE	N303.1	3' - 0"	8' - 0"	G	WD	HM1	HM	A6.01/4	A6.01/3	A6.01/5	1	SOLID CORE WOOD DOOR	TYPE 3
OFFICE	N304	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
OFFICE	N305	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
OFFICE	N306	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
OFFICE	N307	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
OPEN OFFICE	N308.1	3' - 0"	8' - 0"	FG	WD	HM1	HM	A6.01/4	A6.01/3	A6.01/5	1	SOLID CORE WOOD DOOR	TYPE 3
OPEN OFFICE	N308.2	3' - 0"	8' - 0"	FG	WD	HM1	HM	A6.01/4	A6.01/3	A6.01/5	1	SOLID CORE WOOD DOOR	TYPE 3
OFFICE	N309	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
OFFICE	N310	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
OFFICE	N311	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
OFFICE	N312	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3
CLOSET	N313	3' - 0"	8' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3	A6.01/5	1	SOLID CORE WOOD DOOR	TYPE 4
OFFICE	N314	3' - 0"	7' - 0"	F	WD	HM1	HM	A6.01/4	A6.01/3		1	SOLID CORE WOOD DOOR	TYPE 3

DOOR HARDWARE

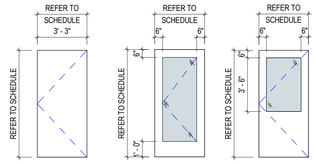
ITEM	PREFERRED MANUFACTURER	ACCEPTABLE SUBSTITUTE	COMMENTS
HINGES	STANLEY	McKINNEY, PBB	STAINLESS STEEL, MORTISE HINGE, BALL BEARING OR OIL IMPREGNATED BEARING HINGES
CONTINUOUS HINGE	ROTON - HEAVY DUTY	SELECT, PEMKO	EXTERIOR ENTRY DOORS AND HEAVILY USED DOORS
INVISIBLE HINGES	SOSS	McKINNEY	
LOCKSETS	SCHLAGE ALLEGION ND SERIES, GRADE 1	SARGENT 10XG SERIES GRADE 1	CYLINDRICAL PREFERRED, MORTISE TO MATCH EXISTING BUILDING STANDARD, LEVER TYPE – RHODES, SPARTA OR ATHENS, 626 FINISH
CYLINDERS & KEYING	SCHLAGE -EVEREST D122, D124, D125, D145 SERIES KEYWAY ONLY. NO IC CORE	NO SUBSTITUTE	NO INTERCHANGEABLE CORES, COMPATIBLE WITH D SERIES. REQUIRES LETTER OF AUTHORIZATION FROM UR ACCESS CONTROL
DOOR CLOSERS	LCN	SARGENT, NORTON, YALE	NORTON, YALE TO BE USED AT ALL LIGHT DUTY OPENINGS. NO SUB
CLOSER / HOLDER UNIT	LCN	SARGENT, NORTON, YALE	NORTON, YALE TO BE USED AT ALL LIGHT DUTY OPENINGS. NO SUB
EXIT DEVICES & MULLIONS	VON DUPRIN	NO SUBSTITUTE	
DOOR TRIM	IVES	BURNS, ROCKWOOD	
PROTECTION PLATES	IVES	BURNS, ROCKWOOD	
OVERHEAD STOPS	GLYNN-JOHNSON	RIXSON	
STOPS & HOLDERS	IVES	BURNS, ROCKWOOD	
THRESHOLDS & WEATHERSTRIP	NATIONAL GUARD	REESE, ZERO , PEMKO	
SILENCERS	IVES	BURNS, ROCKWOOD	

DOOR TRIM NOTE: 5/4" WOOD TRIM 3" WIDE AT ALL DOORS

HARDWARE SET #1:
(3) HINGES – STAINLESS STEEL, MORTISE HINGE, BALL BEARING OR OIL IMPREGNATED BEARING HINGES
(1) LOCKSET – CYLINDRICAL, OFFICE FUNCTION (KEYED OUTSIDE, PUSH/TURN INSIDE – FREE EGRESS)
(1) WALL STOP - IVES
(1) PERIMETER ACOUSTICAL GASKET SET – PEMKO OR APPROVED EQUAL
(3) SILENCERS – FRAME MOUNTED, IVES

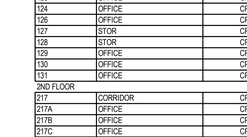
HARDWARE SET #2:
(3) HINGES – STAINLESS STEEL, MORTISE HINGE, BALL BEARING OR OIL IMPREGNATED BEARING HINGES
(1) LOCKSET – CYLINDRICAL, CLASSROOM FUNCTION (KEYED OUTSIDE, ALWAYS FREE EGRESS FROM INSIDE)
(1) WALL STOP – IVES, OR OVERHEAD STOP – GLYNN-JOHNSON
(1) PERIMETER ACOUSTICAL GASKET SET – PEMKO OR APPROVED EQUAL
(3) SILENCERS – FRAME MOUNTED, IVES
(1) KICK PLATE – STAINLESS STEEL, IVES

HARDWARE SET #3:
(3) HINGES – STAINLESS STEEL, MORTISE HINGE, BALL BEARING OR OIL IMPREGNATED BEARING HINGES
(1) LOCKSET – CYLINDRICAL, STOREROOM FUNCTION (KEYED OUTSIDE, OUTSIDE LEVER ALWAYS LOCKED, ALWAYS FREE EGRESS FROM INSIDE)
(1) WALL STOP – IVES, OR OVERHEAD STOP – GLYNN-JOHNSON
(1) PERIMETER ACOUSTICAL GASKET SET – PEMKO OR APPROVED EQUAL
(3) SILENCERS – FRAME MOUNTED, IVES
(1) KICK PLATE – STAINLESS STEEL, IVES

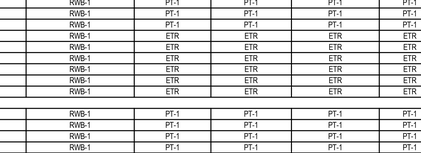


DOOR TYPES
1/4" = 1'-0"

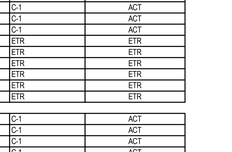
HOLLOW METAL FRAME TYPES



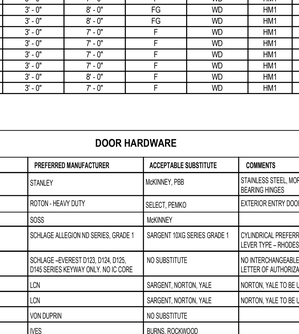
5 SILL @ HM DOOR
1 1/2" = 1'-0"



4 JAMB DETAIL @ HM DOOR
1 1/2" = 1'-0"

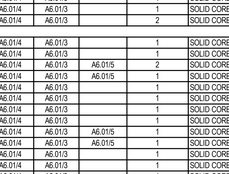


3 HEAD @ HM DOOR
1 1/2" = 1'-0"



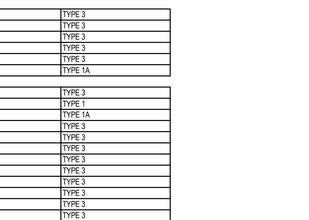
MATCH URI STANDARDS FOR SIGNAGE

DOOR SIGNAGE DOOR DETAIL
1/2" = 1'-0"



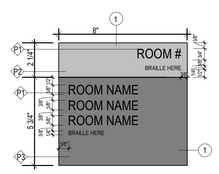
MATCH URI STANDARDS FOR SIGNAGE

SIGNAGE - TYPE 4



MATCH URI STANDARDS FOR SIGNAGE

SIGNAGE - TYPE 3



MATCH URI STANDARDS FOR SIGNAGE

SIGNAGE - TYPE 1A

1. 1/4" PHOTOPOLYMER OR THERMOFORMED INDIVIDUAL ACRYLIC PANELS WITH ADA COMPLIANT 1/32" RAISED TACTILE LETTERING, NUMBERS & PICTOGRAMS. ADA COMPLIANT GRADE 2 BRAILLE PAINTED TO MATCH PANEL COLOR. SMOOTH TEXTURE. SQUARE EDGE. SURFACE PAINTED FRONT AND EDGES. 3M BONDING FILM ADHESIVE TO BACK PLATE
2. 1/16" ACRYLIC BACK PLATE #1. SQUARE EDGE. BLACK WITH BLACK EDGES. 3M BONDING FILM ADHESIVE TO BACK PLATE #2
3. 1/8" ACRYLIC BACK PLATE #2 TO CREATE STANDOFF FROM WALL. SQUARE EDGE. BLACK. 1/2" SMALLER THAN BACK PLATE #1.

P1 WHITE. MATTE NON GLARE FINISH

P2 ROWMARK ADA ALTERNATIVE 3X1-331 (GREY FLANNEL)OR EQUAL TO: CMYK 54,48,45,12, RGB 120,117,118, MATTE NON GLARE FINISH

P3 ROWMARK ADA ALTERNATIVE 3X1-398 (GRAPHITE) OR EQUAL TO: MP MATTHEWS PAINT 18214 GREY PATINA MET. MATTE NON GLARE FINISH

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NO	DESCRIPTION	DATE
REVISIONS		

DESIGNED: JM
DRAWN: LA, LR, MS
REVIEWED: BR
PROJECT NO.: 2503449
DATE: 09/21/2026
ISSUED FOR: BID

TITLE:
DOOR SCHEDULE, ELEVATIONS, AND DETAILS

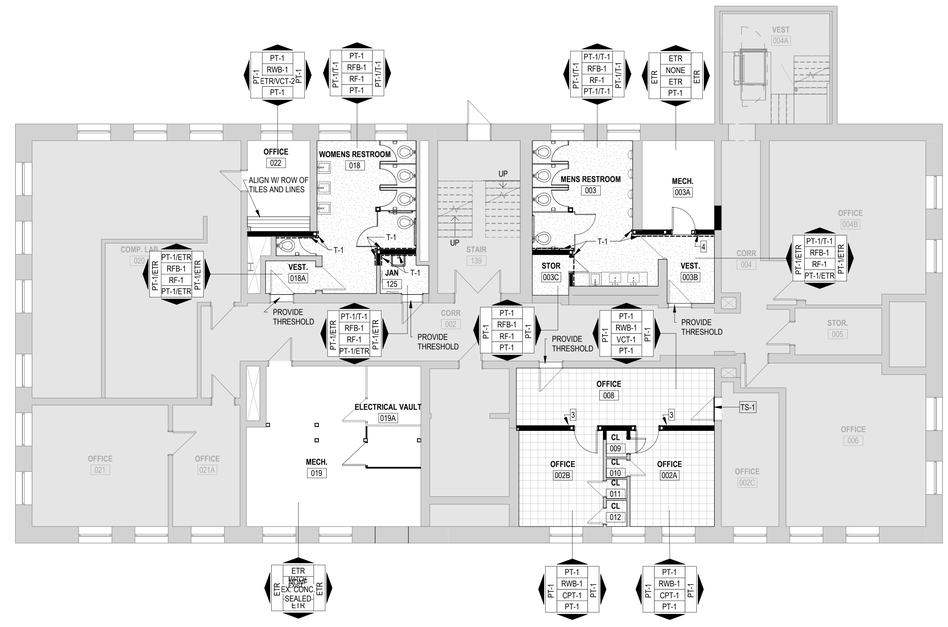
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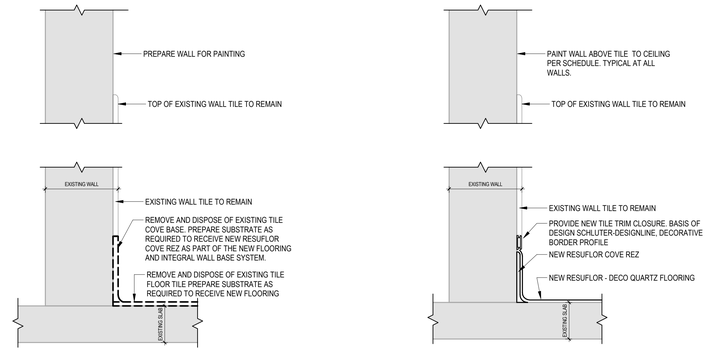
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3 FIRST FLOOR FINISH PLAN
1/8" = 1'-0"



2 BASEMENT FLOOR FINISH PLAN
1/8" = 1'-0"



1 TILE COVE AND NEW RESINOUS WALL BASE - SECTION DETAIL
1" = 1'-0"

FINISH LEGEND

- FLOORING EXISTING TO REMAIN
- TILE MATCHING ADJACENT EXISTING IN THICKNESS, COLOR, AND FINISH. ALIGN TOP OF NEW TILE TO EXITING TOP OF TILE PAINT ABOVE TILE PER SCHEDULE
- #X — SIGNAGE TYPE
- ROOM NAME — Room name; 101 — Room number
- WALL FINISH / FLOOR FINISH / BASE FINISH / WALL FINISH
- NOT IN SCOPE OF WORK
- VCT TILE (VCT-1)
- VCT TO MATCH EXISTING
- EPOXY FLOORING
- CARPET (CPT-1)

FINISH PLAN GENERAL NOTES

1. REFER TO FINISH PRODUCT LIST FOR DEFINITION OF FINISH MATERIALS.
2. REFER TO SPECIFICATION FOR PRODUCT INSTALLATION REQUIREMENTS, ASSOCIATED PRODUCT QUALITY STANDARDS, HANDLING AND OTHER INFORMATION.
3. PRODUCTS LISTED IN 'FINISH PRODUCT LIST' ARE THE BASIS OF DESIGN. SEE SPECIFICATION FOR 'AS EQUAL' PRODUCTS.
4. FIELD FINISH ALL VENTS, GRILLES, ACCESS PANELS, PLUG STRIPS, CABINET UNIT HEATERS, FIRE EXTINGUISHER CABINETS, RADIATORS, ELECTRICAL PANEL BOARDS, DIFFUSERS TO MATCH WALL SURFACE ON WHICH THEY OCCUR.
5. PROVIDE APPROPRIATE TRANSITION STRIPS PER SPECIFICATIONS.
6. TRANSITION STRIPS LOCATED BELOW DOORS ARE TO BE CENTERED ON DOOR PANEL UNLESS OTHERWISE NOTED.
7. ALL FLOOR TILE TO BE SLOPED IN DIRECTION OF DRAIN.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING HEIGHT AND TYPE DESIGNATIONS.
9. ALL SURFACE MOUNTED CONDUIT AND J-BOXES WITHIN SCOPE SHALL BE PAINTED TO MATCH EXISTING WALL FINISH

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REVISIONS:

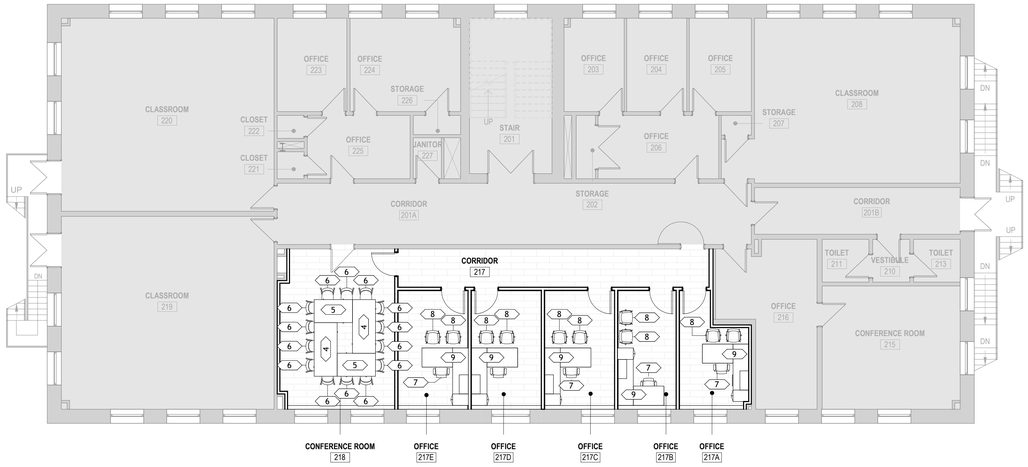
NO	DESCRIPTION	DATE

DESIGNED:	JM
DRAWN:	LA, LR, MS
REVIEWED:	BR
PROJECT NO.:	2503449
DATE:	09/21/2026
ISSUED FOR:	BID

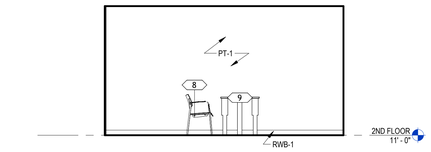
TITLE:
BASEMENT AND FIRST FLOOR FINISH PLAN

SHEET NUMBER
A8.00

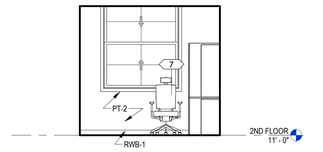
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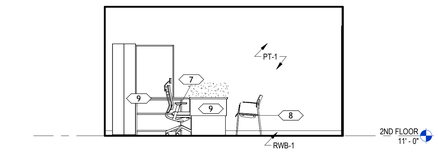
2 SECOND FLOOR FURNITURE PLAN
1/8" = 1'-0"



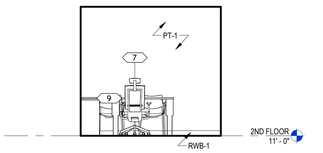
3 TYPICAL OFFICE ELEVATION - A
1/4" = 1'-0"



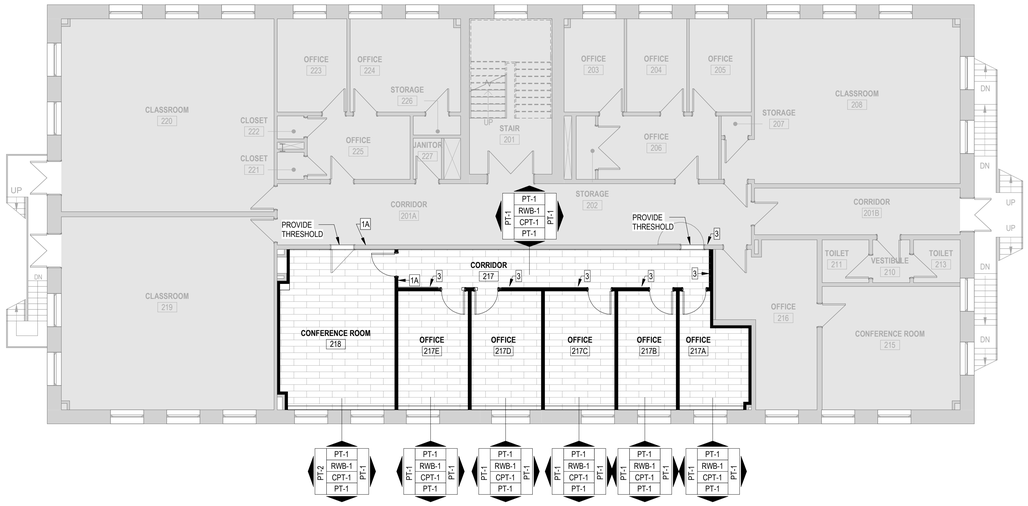
4 TYPICAL OFFICE ELEVATION - B
1/4" = 1'-0"



5 TYPICAL OFFICE ELEVATION - C
1/4" = 1'-0"



6 TYPICAL OFFICE ELEVATION - D
1/4" = 1'-0"



1 SECOND FLOOR FINISH PLAN
1/8" = 1'-0"

FURNITURE SCHEDULE

Type Mark	Mark	Manufacturer	Model	Description
		KI, Inc.	<varies>	<varies>
4	Table	KI, Inc.	PN	Pirouette,Nesting Training,Rectangular,84"x36"
5	Table	KI, Inc.	PN	Pirouette,Nesting Training,Rectangular,60"x36"
6	Chair	KI, Inc.	SNNAU;G	Strive Nesting Armless Chair with Upholstered Seat, Carpet Casters
7	Task Chair	KI, Inc.	ALTUAA	ALTUS FABRIC CHAIR,ADJUSTABLE ARMS,UPHOLSTERED
8	Chair	KI, Inc.	KT1111	KATERA FOUR LEG ARM CHAIR WITH GLIDES, POLY SEAT/BACK
9	Typical Office Group	KI, Inc.	PN	LIKHA SURFACE MOUNT BOOKCASE, TWO SHELVES, 30X14-1/4X40-7/8;LIKHA 72"H WARDROBE/STORAGE CABINET W/ LAMINATE DOOR HINGE 18X24X70-7/8";LIKHA FREE STANDING BOOKCASE 36X14X29 LIKHA MODULAR LAMINATE END PANEL, 23-1/4"WX1"DX28-1/4"H; LIKHA MODULAR CABINET TOP, 72"WX24"D, TFL; LIKHA MODULAR 21"H LOW LAMINATE MODESTY/BACK PANEL, 30"WX3/4"DX20-3/4"H; TOGGLE C-LEG TABLE, RECT, DUAL MOTOR ELECTRIC BASE, 74P EDGE, 29-1/2X46-1/2"

NOTE:

FURNITURE SHALL BE OWNER-FURNISHED AND OWNER-INSTALLED (OFOI). GENERAL CONTRACTOR SHALL COORDINATE WITH ARCHITECT FOR REQUIRED POWER AND DATA CONNECTION LOCATIONS.

FINISH LEGEND

- FLOORING EXISTING TO REMAIN
- TILE MATCHING ADJACENT EXISTING IN THICKNESS, COLOR, AND FINISH. ALIGN TOP OF NEW TILE TO EXITING TOP OF TILE PAINT ABOVE TILE PER SCHEDULE
- #X — SIGNAGE TYPE
- ROOM NAME — Room name; 101 — Room number
- WALL FINISH / FLOOR FINISH / BASE FINISH / WALL FINISH
- NOT IN SCOPE OF WORK
- VCT TILE (VCT-1)
- VCT TO MATCH EXISTING
- EPOXY FLOORING
- CARPET (CPT-1)

FINISH PLAN GENERAL NOTES

1. REFER TO FINISH PRODUCT LIST FOR DEFINITION OF FINISH MATERIALS.
2. REFER TO SPECIFICATION FOR PRODUCT INSTALLATION REQUIREMENTS, ASSOCIATED PRODUCT QUALITY STANDARDS, HANDLING AND OTHER INFORMATION.
3. PRODUCTS LISTED IN 'FINISH PRODUCT LIST' ARE THE BASIS OF DESIGN. SEE SPECIFICATION FOR 'AS EQUAL' PRODUCTS.
4. FIELD FINISH ALL VENTS, GRILLES, ACCESS PANELS, PLUG STRIPS, CABINET UNIT HEATERS, FIRE EXTINGUISHER CABINETS, RADIATORS, ELECTRICAL PANEL BOARDS, DIFFUSERS TO MATCH WALL SURFACE ON WHICH THEY OCCUR.
5. PROVIDE APPROPRIATE TRANSITION STRIPS PER SPECIFICATIONS.
6. TRANSITION STRIPS LOCATED BELOW DOORS ARE TO BE CENTERED ON DOOR PANEL UNLESS OTHERWISE NOTED.
7. ALL FLOOR TILE TO BE SLOPED IN DIRECTION OF DRAIN.
8. REFER TO REFLECTED CEILING PLANS FOR CEILING HEIGHT AND TYPE DESIGNATIONS.
9. ALL SURFACE MOUNTED CONDUIT AND J-BOXES WITHIN SCOPE SHALL BE PAINTED TO MATCH EXISTING WALL FINISH

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REVISIONS

NO	DATE	DESCRIPTION

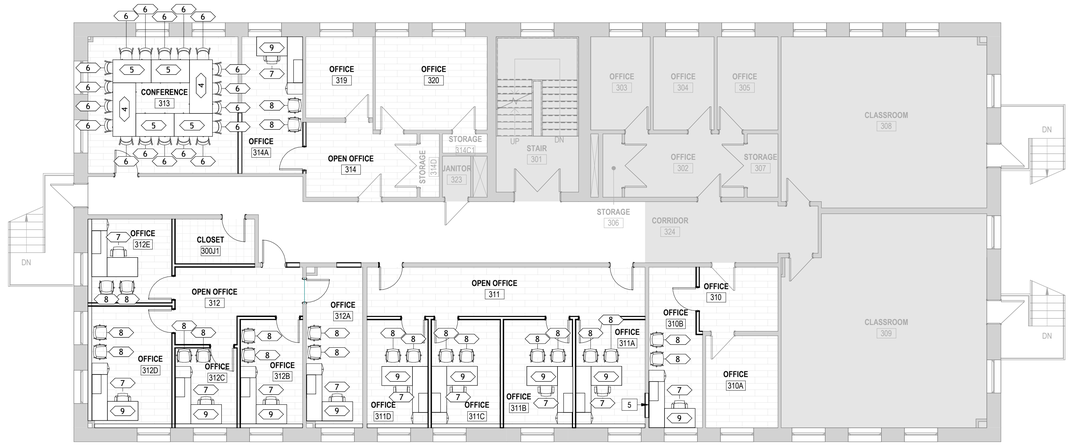
DESIGNED:	JM
DRAWN:	LA, LR, MS
REVIEWED:	BR
PROJECT NO.:	2503449
DATE:	09/21/2026
ISSUED FOR:	BID

TITLE:
SECOND FLOOR FINISH PLAN & FURNITURE PLAN

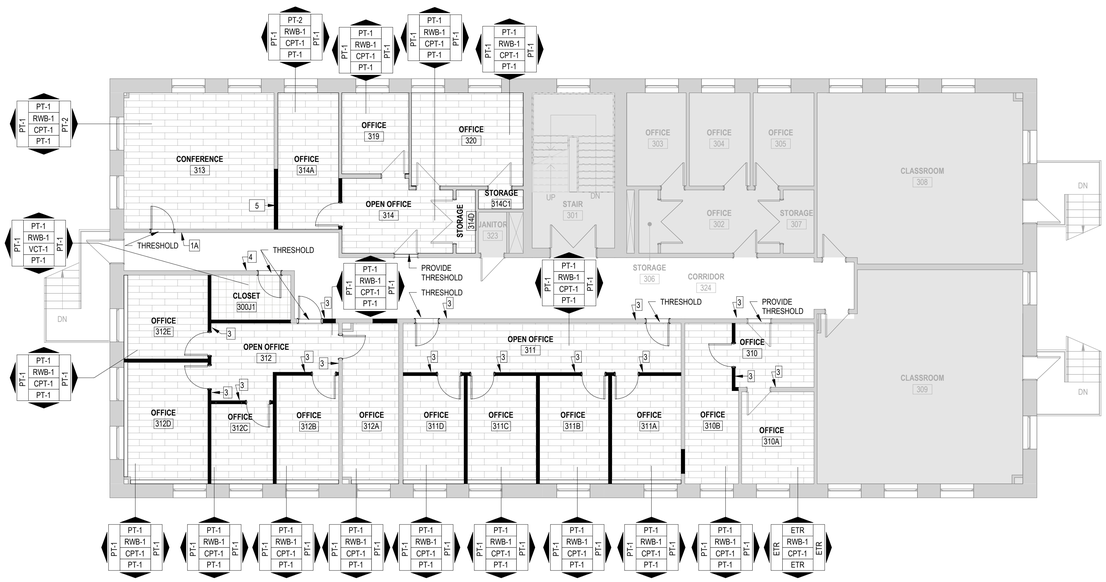
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2 THIRD FLOOR FURNITURE PLAN
1/8" = 1'-0"



1 THIRD FLOOR FINISH PLAN
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FURNITURE SCHEDULE

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		KI, Inc.	<varies>	<varies>
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REVISIONS

NO	DESCRIPTION	DATE

DESIGNED: JM
DRAWN: LA, LR, MS
REVIEWED: BR
PROJECT NO.: 2503449
DATE: 09/21/2026
ISSUED FOR: BID

TITLE: THIRD FLOOR FINISH PLAN & FURNITURE PLAN

SHEET NUMBER: A8.02

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SPRINKLER DESIGN CRITERIA

LOCATION	HAZARD DESCRIPTION			CEILING SYSTEM										HOSE STREAM ALLOWANCE (GPM)*	DURATION (MINUTES)*	NOTES
	AREA INDICATORS	AREA DESCRIPTION	HAZARD CLASSIFICATION	AREA CEILING HEIGHT (FT)	MAX STORAGE HEIGHT (FT)	SYSTEM TYPE	SYSTEM NO. (#)	DENSITY (GPM/ SQ.FT.)	REMOTE AREA (SQ.FT.)	SPRINKLER TYPE	MINIMUM OPERATING PRESSURE (PSI)	DESIGN AREA (NO OF SPRK.)	SPRK. SPACING (SQ.FT.)	MAX SYSTEM AREA (SQ.FT.)			
OFFICE	LH	GENERAL OFFICE AREA / RESTROOMS / STAIRWELLS	LIGHT HAZARD	SEE ARCH PLANS	--	WET	VARIES	0.10	1,500	QR RECESSED PENDENT, K=5.6, ORD. TEMP.	7	--	225 MAX	52,000	120	30	REFERENCE: NFPA 13 AND SPRINKLER LISTING.
CORRIDOR 324	LH	CORRIDOR	LIGHT HAZARD	SEE ARCH PLANS	--	WET	VARIES	0.10	1,500	QR EC RECESSED PENDENT, K=5.6, ORD. TEMP.	34.7	--	324 MAX	52,000	120	30	REFERENCE: NFPA 13 AND SPRINKLER LISTING.

SPRINKLER LEGEND

SPRINKLER STYLE	SYMBOL	TYPE	FINISH	TEMP	K-FACTOR	NPT	MFG	MODEL#	SPRINKLER RESPONSE
RECESSED PENDENT	●	WET	BRASS	155°F	5.6	1/2"	VICTAULIC	V2708	QUICK RESPONSE
EC RECESSED PENDENT	● EC	WET	CHROME	135°F	5.6	1/2"	VICTAULIC	V5614	QUICK RESPONSE

NOT ALL SYMBOLS MAY APPEAR ON DRAWINGS

FIRE PROTECTION SYMBOLS LEGEND

	NEW SPRINKLER PIPING
FCA	FLOOR/ZONE CONTROL VALVE ASSEMBLY
	RISER CONTROL VALVE WITH TAMPER SWITCH
FS TS PS	FLOW/TAMPER/PRESSURE SWITCH
	FIRE DEPARTMENT CHECK VALVE
	PRESSURE REDUCING VALVE
	FIRE DEPARTMENT HOSE VALVE CONNECTION
	PRESSURE REGULATING HOSE VALVE CONNECTION
	FIRE DEPARTMENT HOSE VALVE CABINET
(SIAMESE) (SINGLE INLET)	FIRE DEPARTMENT CONNECTION(S)
	FIRE SERVICE BACKFLOW PREVENTER

NOT ALL SYMBOLS MAY APPEAR ON DRAWINGS

FIRE PROTECTION PIPING SYSTEMS LEGEND

WS	WS	WET PIPE SPRINKLER SYSTEM
STP/SP	STP/SP	COMBINED STANDPIPE / SPRINKLER SYSTEM
DR	DR	SPRINKLER DRAIN
FDC	FDC	FIRE DEPARTMENT CONNECTION LINE

NOT ALL SYMBOLS MAY APPEAR ON DRAWINGS

FIRE PROTECTION DRAWING ANNOTATIONS

1	PLAN KEY NOTE
A / B	CROSS REFERENCE DESIGNATION (A = DESIGNATES CALLOUT #; B = SHEET/PLAN NUMBER)
	LIMIT OF PIPING DEMOLITION
	CONNECT NEW PIPING TO EXISTING PIPING
1	REVISION SYMBOL
1/8"/1'-0"	PIPE SLOPE
BOP 10'-0"	BOTTOM PIPE ELEVATION (RELATIVE TO FINISHED FLOOR)
999	HYDRAULIC REFERENCE NODES

FIRE PROTECTION COORDINATION NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE ADOPTED BUILDING CODE AND REFERENCE STANDARD, NFPA, THE LOCAL FIRE PREVENTION DEPARTMENT, THE INSURANCE UNDERWRITER AND ALL LOCAL CODES AND ORDINANCES.
2. BEFORE STARTING WORK OF THIS SECTION, VISIT SITE AND EXAMINE EXISTING CONDITIONS UNDER WHICH WORK MUST BE PERFORMED INCLUDING PREPARATORY WORK DONE UNDER OTHER SECTIONS OR CONTRACTS OR BY OWNER. REPORT CONDITIONS THAT MIGHT AFFECT WORK ADVERSELY IN WRITING THROUGH CONTRACTOR TO ARCHITECT. DO NOT PROCEED WITH WORK UNTIL DEFECTS HAVE BEEN CORRECTED AND CONDITIONS ARE SATISFACTORY. COMMENCEMENT OF WORK SHALL BE CONSTRUED AS COMPLETE ACCEPTANCE OF EXISTING CONDITIONS AND PREPARATORY WORK.
3. AFTER VISIT TO SITE, CONTRACTOR SHALL STUDY BUILDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, REFLECTED CEILING AND ELECTRICAL PLANS AND PREPARE "SPRINKLER WORKING DRAWINGS" IN CONFORMANCE WITH NFPA, THE OWNER'S INSURANCE UNDERWRITER AND THE UNDERWRITER'S INTERPRETATION OF NFPA.
4. FULLY COORDINATE WITH OTHER TRADES AT NO ADDITIONAL COST TO THE OWNER, MAKE ALL REASONABLE CHANGES AND ADDITIONS TO LOCATION OF MATERIALS AND EQUIPMENT AND COORDINATION ISSUES, NECESSARY TO ACCOMMODATE THE STRUCTURAL AND ARCHITECTURAL CONDITIONS AND THE SYSTEMS. IT SHALL BE THE RESPONSIBILITY OF THE SPRINKLER CONTRACTOR TO COORDINATE WITH ALL OTHER TRADES AND PARTIES TO AVOID CONFLICTS. NO ADDITIONAL CHARGES WILL BE APPROVED DUE TO LACK OF COORDINATION.
5. INSTALL EQUIPMENT AND MATERIALS TO PRESENT A NEAT APPEARANCE. RUN PIPING PARALLEL WITH OR PERPENDICULAR TO BUILDING PLANES. RUN ALL SPRINKLER PIPING AS TIGHT AS POSSIBLE TO THE EXISTING STRUCTURE TO MAINTAIN THE GREATEST CLEAR HEIGHT.
6. INSTALL ALL PIPING TO AVOID ARCHITECTURAL FRAMING, STRUCTURAL MEMBERS, AND OTHER OBSTRUCTIONS. COORDINATE ALL SPRINKLER PIPING WITH THE BUILDING STRUCTURE TO AVOID CONFLICTS AND MAINTAIN THE HIGHEST POSSIBLE CLEAR HEIGHT. COORDINATE PIPING LOCATIONS WITH ALL APPLICABLE CONTRACT DRAWINGS PRIOR TO PLACING SLEEVES IN FLOORS OR WALLS. ALL HOLES IN WALLS AND FLOORS SHALL BE CORE DRILLED OR HAVE METALLIC PIPE SLEEVES INSTALLED.
7. INSTALL ALL PIPING TO BEST SUIT FIELD CONDITIONS AND COORDINATE WITH THE INSTALLATION WORK OF OTHER TRADES. THE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED TO DETERMINE EXACT LOCATIONS OF PIPING. CONTRACTOR IS TO REPORT CONDITIONS REQUIRING CHANGES FROM PLANS TO THE ENGINEER PRIOR TO STARTING WORK.
8. COORDINATE SPRINKLER FLOOR ZONES/SYSTEMS WITH FIRE ALARM ZONES.
9. BEFORE SELECTING MATERIAL AND EQUIPMENT, AND PROCEEDING WITH WORK, INSPECT AREAS WHERE MATERIAL AND EQUIPMENT ARE TO BE INSTALLED TO INSURE SUITABILITY, AND CHECK NEEDED SPACE FOR PLACEMENT AND CLEARANCES.
10. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RATINGS OF WALLS AND SLABS. ALL PENETRATIONS IN FIRE RESISTIVE RATED ASSEMBLIES SHALL BE FIRE STOPPED BY APPROVED MEANS AND THE ASSEMBLY SHALL BE RESTORED TO ITS REQUIRED FIRE RESISTANCE RATING.
11. SEE ARCHITECTURAL PLANS FOR CEILING TYPES AND HEIGHTS.
12. CONTRACTOR TO COORDINATE WITH STRUCTURAL ENGINEER FOR ALLOWABLE BEAM PENETRATION LOCATIONS, SIZES, AND DETAILS (IF APPLICABLE).
13. CONTRACTOR SHALL AVOID RUNNING MAJOR SPRINKLER MAINS AND LARGE PIPING IN ELECTRICAL UTILITY SPACES AND MAIN ELECTRIC SERVICE ROOM. COORDINATE SPRINKLER BRANCHLINES AND HEADS WITH ALL EQUIPMENT IN THOSE SPACES.
14. WATER DAMAGE CANNOT BE TOLERATED. TAKE ANY NECESSARY MEASURES TO KEEP THE PREMISES DRY AT ALL TIMES. REPAIR WATER DAMAGE RESULTING FROM THE WORK, WHETHER INTENTIONAL OR NOT, AT NO COST TO AND TO THE SATISFACTION OF THE OWNER.
15. PRIOR TO THE OPERATION (OPEN OR CLOSE) OF ANY VALVE CONTROLLING WATER TO THE DOMESTIC OR FIRE SYSTEMS, NOTIFICATION SHALL BE GIVEN TO, AND APPROVAL OBTAINED FROM, THE GENERAL CONTRACTOR.

SAFEGUARDING CONSTRUCTION

1. NEITHER THE ARCHITECT NOR ENGINEER SHALL BE RESPONSIBLE FOR PROVIDING A SAFE WORKING PLACE FOR THE CONTRACTOR, SUBCONTRACTORS, OR THEIR EMPLOYEES, OR ANY INDIVIDUAL RESPONSIBLE TO THEM FOR THE WORK. THIS RESPONSIBILITY RESTS WITH THE CONTRACTOR.
2. STRUCTURES UNDERGOING CONSTRUCTION SHALL COMPLY WITH THE RHODE ISLAND FIRE CODE (450-RICR-00-00-7), NFPA 1 AS ADOPTED AND AMENDED, 2021 NFPA 101 AS AMENDED BY THE STATE OF RHODE ISLAND, AND 2022 NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE.
3. ESTABLISH AND SUBMIT A FIRE PROTECTION PLAN FOR CONSTRUCTION UNDER CHAPTER 16 OF THE ADOPTED RHODE ISLAND FIRE CODE.
4. ALL FIRE PREVENTION PROGRAMS SHALL BE DEVELOPED IN CONJUNCTION WITH THE LOCAL FIRE AGENCIES, OWNER, AND GENERAL CONTRACTOR.

NOT ALL SYMBOLS MAY APPEAR ON DRAWINGS

FIRE PROTECTION ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	GV	GATE VALVE
CLDI	CEMENT LINED DUCTILE IRON	GAL	GALLONS
CONN	CONNECTION	GALV	GALVANIZED
DCVA	DOUBLE CHECK VALVE ASSEMBLY	GPM	GALLONS PER MINUTE
D	DEMO	MAX	MAXIMUM
D	DRY PIPE SYSTEM	MIN	MINIMUM
DIA	DIAMETER	NEW	NEW
DR	DRAIN	NTS	NOT TO SCALE
EX	EXISTING	PD	PUMP DISCHARGE
ETR	EXISTING TO REMAIN	PSI	POUNDS PER SQUARE INCH
FACU	FIRE ALARM CONTROL UNIT	PRV	PRESSURE REDUCING VALVE
FCA	FLOOR CONTROL ASSEMBLY	RL	RELOCATE
FDC	FIRE DEPARTMENT CONNECTION	RV	RELIEF VALVE
FDV	FIRE DEPARTMENT VALVE	SQFT	SQUARE FEET
FHV	FIRE HOSE VALVE	SP	SPRINKLER
FL	FLOOR	STP	STANDPIPE
FP	FIRE PROTECTION PIPING	TS	TAMPER SWITCH
FS	FLOW SWITCH	UP	(PENETRATES FLOOR SLAB)
FT	FEET	VIF	VERIFY IN FIELD
FSP	FIRE STANDPIPE	WS	AUTOMATIC WET SYSTEM
		ZCA	ZONE CONTROL ASSEMBLY

FIRE PROTECTION GENERAL NOTES AND SCOPE OF WORK

1. THESE DRAWINGS SHALL SERVE AS DESIGN CRITERIA CONTRACT AND BID DRAWINGS, AND ARE NOT PERMITTED TO BE ISSUED AS SHOP SUBMITTAL DRAWINGS.
2. FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR MODIFYING THE EXISTING WET-PIPE SPRINKLER SYSTEM IN THE SECOND- AND THIRD-FLOOR WORK AREAS SHOWN ON FP102. PROVIDE THE INDICATED NEW AND RELOCATED SPRINKLER CONNECTIONS, ASSOCIATED PIPING, SUPPORTS, HYDRAULIC DESIGN, TESTING AND CLOSEOUT. EXISTING FIRE-SERVICE PIPING, HYDRANTS, FDC, RISERS, STANDPIPES AND FLOOR-CONTROL ASSEMBLIES SHALL REMAIN UNLESS SPECIFICALLY IDENTIFIED FOR MODIFICATION.
3. FIRE PROTECTION CONTRACTOR SHALL SUBMIT PERMIT DRAWINGS TO THE AUTHORITY HAVING JURISDICTION FOR PLAN REVIEW.
4. THESE CRITERIA DRAWINGS REPRESENT THE OWNER'S MINIMUM REQUIREMENTS, AND RELAY THE DESIGN INTENT OF THE SYSTEM AS SPECIFIED BY THE FIRE PROTECTION ENGINEER.
5. FIRE PROTECTION CONTRACTOR SHALL GENERATE THEIR OWN SHOP DRAWINGS AS REQUIRED BY NFPA 13, NFPA 14, AND NFPA 24, AND THESE PROJECT CRITERIA DRAWINGS AND SPECIFICATIONS.
6. FIRE PROTECTION CONTRACTOR SHALL SUBMIT FOR REVIEW AND APPROVAL TO THE LOCAL AHJ THREE (3) SETS OF SHOP DRAWINGS AND HYDRAULIC CALCULATIONS INDICATING THE SPRINKLER SYSTEM LAYOUT, INCLUDING FINAL SPRINKLER HEAD LAYOUT AND HOSE VALVE CONNECTIONS. THE ENTIRE FIRE PROTECTION SYSTEM DESIGN, LAYOUT, AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE GOVERNING STATE AND LOCAL FIRE AND BUILDING CODES, NFPA, OSHA, AND THE OWNER'S INSURANCE AGENT.
7. SHOP DRAWINGS SHALL INCLUDE ALL PIPING MATERIAL SPECIFICATIONS AND ARRANGEMENT, SPRINKLER HEADS, AUXILIARY DRAINS, VALVES, FDC, WATER SERVICE, ETC, FOR THE COMPLETE INSTALLATION OF A CODE COMPLIANT SPRINKLER SYSTEM. UNLESS OTHERWISE INDICATED, PROVIDE A COMPLETE AND OPERATIONAL SPRINKLER SYSTEM, INCLUDING ALL NECESSARY MATERIAL, LABOR AND EQUIPMENT.
8. THE FIRE PROTECTION CONTRACTOR SHALL PROVIDE SPRINKLER SHOP DRAWINGS FOR THE REVIEW AND APPROVAL OF THE ENGINEER, ARCHITECT, OWNER AND OWNER'S INSURANCE COMPANY. ALL SPRINKLER SHOP DRAWINGS SHALL HAVE AUTHORITY HAVING JURISDICTION AND LOCAL FIRE MARSHAL FINAL APPROVAL. THE ENGINEER SHALL REVIEW THE SHOP DRAWINGS AND HYDRAULIC CALCULATIONS PRIOR TO SUBMISSION TO THE AHJ AND PROVIDE NOTATION ON THE DRAWINGS INDICATING THEY WERE REVIEWED AND APPROVED BY THE PROFESSIONAL. SUBMIT APPROVED DRAWINGS AND CALCULATIONS WITH THE REQUIRED APPLICATION FEE PRIOR TO INSTALLATION.
9. FIRE PROTECTION CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND ARRANGE FOR ALL REQUIRED INSPECTIONS IN ACCORDANCE WITH THE AHJ AND LOCAL FIRE DEPARTMENT.
10. THE DESIGN CRITERIA DRAWINGS INDICATE GENERAL CODE REFERENCE AND SHALL NOT BE MEANT TO CONVEY OR ALLOW DISCREPANCY BETWEEN THE WORK ILLUSTRATED HEREIN AND ALL APPLICABLE CODES, PLANS AND ORDINANCES. IT SHALL BE THE RESPONSIBILITY OF THE FIRE PROTECTION CONTRACTOR TO VERIFY ACTUAL CONDITIONS OF CONSTRUCTION AND TO MAINTAIN CONFORMANCE TO THE REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO BID.
11. IN THE EVENT OF A DISCREPANCY BETWEEN THE DESIGN CRITERIA DRAWINGS AND THE SPECIFICATIONS, THE MOST STRINGENT SHALL GOVERN.
12. ANY APPARATUS, APPLIANCE, MATERIAL OR WORK NOT SHOWN ON DESIGN CRITERIA DRAWINGS BUT MENTIONED IN THE SPECIFICATIONS, OR VICE VERSA, OR ANY INCIDENTAL ACCESSORIES NECESSARY TO MAKE THE WORK COMPLETE IN ALL RESPECTS AND READY FOR OPERATION AS DETERMINED BY GOOD TRADE PRACTICE EVEN IF NOT PARTICULARLY SPECIFIED, SHALL BE FURNISHED, DELIVERED AND INSTALLED UNDER THEIR RESPECTIVE DIVISIONS WITHOUT ANY ADDITIONAL EXPENSE TO THE OWNER.
13. PRIOR TO SUBMISSION OF SHOP DRAWINGS, THE FIRE PROTECTION CONTRACTOR SHALL THOROUGHLY CHECK EACH SHOP DRAWING TO ASCERTAIN THAT IT COMPLIES WITH THE CONTRACT REQUIREMENTS AND THAT THE DIMENSIONS OF WORK SUBMITTED FIT THE AVAILABLE SPACE. ANY DEVIATIONS FROM THE DESIGN CRITERIA REQUIREMENTS SHALL BE CLEARLY NOTED ON THE SHOP DRAWINGS. THE SPRINKLER CONTRACTOR SHALL STAMP EACH SUBMITTAL WITH HIS/HER FIRM'S NAME, DATE AND APPROVAL, THEREBY REPRESENTING THAT THE ABOVE HAS BEEN COMPLIED WITH. SHOP DRAWINGS NOT SO CHECKED AND STAMPED SHALL BE RETURNED WITHOUT BEING EXAMINED BY THE ARCHITECT. REVIEW OF THE SHOP DRAWINGS SHALL NOT RELIEVE THE FIRE PROTECTION CONTRACTOR FROM THE RESPONSIBILITY FOR DEPARTURES FROM THE CONTRACT DOCUMENTS. ERRORS IN SHOP DRAWINGS SHALL BE THE SOLE RESPONSIBILITY OF THE FIRE PROTECTION CONTRACTOR WHETHER THE DRAWINGS ARE REVIEWED OR NOT.

APPLICABLE CODES

RHODE ISLAND FIRE SAFETY CODE

1. RHODE ISLAND FIRE CODE (450-RICR-00-00-7), NFPA 1 AS ADOPTED AND AMENDED
2. 2021 NFPA 101 LIFE SAFETY CODE (AS AMENDED BY THE STATE OF RHODE ISLAND)
3. 2022 NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE

FIRE PROTECTION SYSTEM DESIGN AND CONSTRUCTION NOTES

AUTOMATIC SPRINKLER SYSTEM

1. THE DESIGN, INSTALLATION, & OPERATION OF THE ENTIRE AUTOMATIC SPRINKLER SYSTEM SHALL CONFORM TO THE 2021 IBC, NFPA 13, AND NFPA 24.
2. THE FIRE SPRINKLER CONTRACTOR SHALL MAINTAIN THE EXISTING SPRINKLER PROTECTION AND MODIFY THE EXISTING WET-PIPE SYSTEM AS INDICATED. PROVIDE COVERAGE FOR THE FINAL PARTITIONS, CEILINGS AND OBSTRUCTIONS WITHIN AFFECTED AREAS. NO NEW DRY-PIPE SYSTEM IS INCLUDED UNLESS EXPRESSLY IDENTIFIED ON THE PLANS.
3. ONLY UL LISTED EQUIPMENT SHALL BE USED.
4. THE LOCATION OF THE FIRE DEPARTMENT CONNECTIONS (FDC) SHALL BE IN ACCORDANCE WITH RHODE ISLAND STATE BUILDING CODE RISBC-1; 510-RICR-00-00-1, 2021 IBC SECTION 903, 905 AND 912.
5. THREADS PROVIDED FOR FIRE DEPARTMENT CONNECTIONS TO SPRINKLER SYSTEMS, STANDPIPES, FIRE HYDRANTS OR ANY OTHER FIRE HOSE CONNECTION SHALL BE COMPATIBLE WITH THE CONNECTIONS USED BY THE LOCAL FIRE DEPARTMENT AS PER 2021 IBC SECTION 901.4 AND 903.3.6.
6. PROVIDE QUICK-RESPONSE SPRINKLERS IN LIGHT-HAZARD WORK AREAS IN ACCORDANCE WITH THE SPRINKLER SCHEDULE AND THE RHODE ISLAND-ADOPTED IBC SECTION 903.3.2.
7. THE FIRE PROTECTION SYSTEMS SHALL BE MONITORED BY AN APPROVED SUPERVISING STATION IN ACCORDANCE WITH 2021 IBC SECTION 903.4.1, AS ADOPTED AND AMENDED BY RHODE ISLAND
8. ALL VALVES CONTROLLING THE WATER SUPPLY FOR AUTOMATIC SPRINKLER SYSTEMS, CRITICAL AIR PRESSURES, AND WATER-FLOW SWITCHES ON ALL SPRINKLER SYSTEMS SHALL BE ELECTRICALLY SUPERVISED BY A LISTED FIRE ALARM CONTROL UNIT (FACU) PER 2021 IBC SECTION 903.4.
9. THE FIRE SPRINKLER CONTRACTOR SHALL PROVIDE AND INSTALL WATERFLOW ALARM DEVICES ON ALL SPRINKLER SYSTEMS FOR MONITORING BY THE FACU.
10. THE FIRE SPRINKLER CONTRACTOR SHALL PROVIDE AND INSTALL VALVE SUPERVISORY TAMPER DEVICES ON ALL INTERIOR FIRE PROTECTION CONTROL VALVES FOR MONITORING BY THE FACU.
11. THE FIRE SPRINKLER CONTRACTOR SHALL COMMUNICATE/ COORDINATE AS NECESSARY WITH THE FIRE ALARM CONTRACTOR TO ENSURE ALL DEVICES ARE MONITORED.
12. ALL NEW SPRINKLER PIPING SHALL BE FERROUS. PIPING 2 INCHES AND SMALLER SHALL BE SCHEDULE 40 THREADED. THREADED AND CUT-GROOVE PIPE SHALL BE SCHEDULE 40; ROLL-GROOVE PIPE SHALL BE SCHEDULE 10. CPVC IS NOT PERMITTED. DEVIATIONS REQUIRE URI ALARM SERVICES APPROVAL. RETAIN ALL PIPE CUTOUT DISKS. ATTACH DISKS TO CORRESPONDING PIPE JOINT FOR INSPECTION. AFTER INSPECTION REMOVE AND DISPOSE OF ALL DISKS. CONCEAL PIPING IN FINISHED AREAS. INSTALL WORK SO AS TO REQUIRE A MINIMUM AMOUNT OF FURRING.
13. THE FIRE SPRINKLER CONTRACTOR SHALL COORDINATE THE POSITION AND HANGING METHOD OF ALL SPRINKLER PIPING 4 IN. AND LARGER WITH THE STRUCTURAL DRAWINGS.
14. SPRINKLER HANGERS SHALL BE DESIGNED, LOCATED, AND INSTALLED IN ACCORDANCE WITH NFPA 13. NO OTHER PIPING AND/OR DEVICES ARE TO BE ATTACHED TO THE SPRINKLER PIPE HANGER SYSTEM UNLESS THE HANGER HAS BEEN SPECIFICALLY DESIGNED FOR THE ADDITIONAL LOADING. THIS CONTRACT DOES NOT INCLUDE ANY MATERIAL OR DEVICE TO IMPROVE THE STRUCTURAL STRENGTH OF THE BUILDING TO ENABLE IT TO CARRY THE LOAD OF THE FIRE PROTECTION SYSTEMS.
15. RETAIN EXISTING RISERS, STANDPIPES AND FLOOR-CONTROL ASSEMBLIES. COORDINATE SYSTEM ISOLATION AND RESTORATION WITH URI ALARM SERVICES. ANY REQUIRED MODIFICATIONS SHALL BE EXPRESSLY SHOWN AND COORDINATED WITH THE FIRE-ALARM AND DRAINAGE WORK.
16. THE TYPICAL FLOOR CONTROL ASSEMBLY SHALL INCLUDE A SUPERVISED FLOOR CONTROL INDICATING VALVE, A CHECK VALVE WITH TWO PRESSURE GAUGES AND MAIN DRAIN, A WATER FLOW SWITCH, AND INSPECTOR'S TEST CONNECTION WITH ADJUSTABLE PRESSURE RELIEF VALVE. FLOOR CONTROL ASSEMBLIES SHALL BE LOCATED AS SHOWN ON THE DESIGN CRITERIA DRAWINGS.
17. THE FIRE SPRINKLER CONTRACTOR SHALL PROVIDE DRAINS FOR WORK INCLUDED IN THIS PROJECT. MAIN DRAINS SHALL DISCHARGE TO THE EXTERIOR AT URI-APPROVED LOCATIONS. INSPECTOR'S TEST ASSEMBLIES SHALL DISCHARGE INTO ADJACENT DRAIN RISERS. AUXILIARY DRAINS SHALL FOLLOW SECTION 21 13 13, 3.5.N AND 3.5.BB. PROVIDE SPLASH BLOCKS AT EXTERIOR DRAIN OUTLETS. ALL DRAINS DISCHARGING OUTSIDE SHALL TERMINATE WITHIN 8 IN. OF GRADE AND SHALL BE PAINTED WITH A RUST INHIBITIVE PRIMER AND FINISH COAT TO MATCH THE ADJACENT SURFACES. RETAIN EXTERIOR PIPE FINISH REQUIREMENTS.
18. NO MAIN OR AUXILIARY DRAINS AND INSPECTOR'S TEST CONNECTIONS SHALL TERMINATE ON THE BUILDING'S FRONT ENTRANCE WALLS.
19. ALL SPRINKLERS SHALL BE INSTALLED AFTER THE PIPING HAS BEEN INSTALLED AT CEILING LEVEL, AND NOT WHILE THE PIPING IS ON GROUND LEVEL.
20. SPRINKLER HEAD TEMPERATURE RATINGS TO BE IN ACCORDANCE WITH NFPA 13.
21. ALL MECHANICAL FITTINGS SHALL BE HELD IN PLACE WITH MECHANICAL COUPLINGS OF THE SAME MANUFACTURER.

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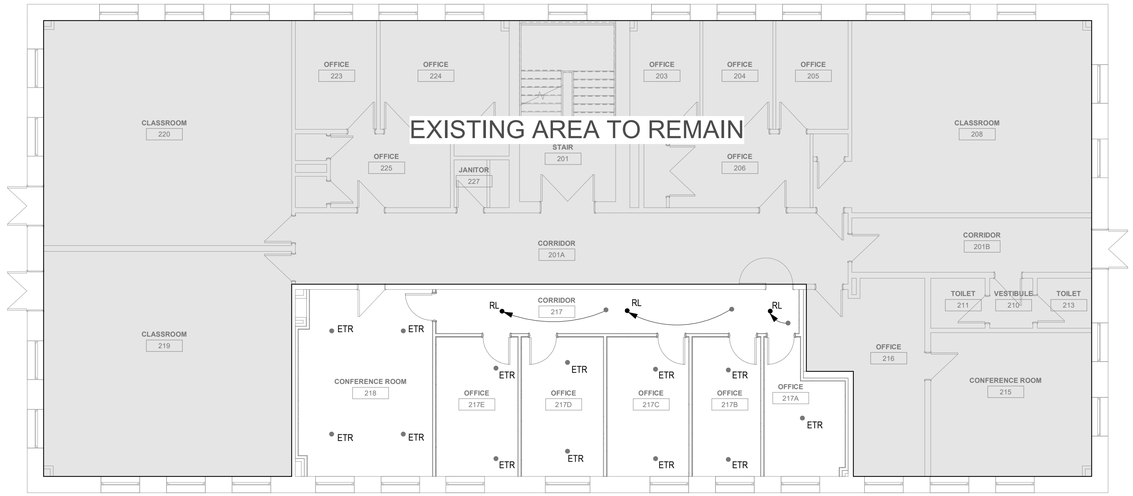
DESIGNED:	JLH
DRAWN:	PN
REVIEWED:	JV
PROJECT NO.:	2503449
DATE:	10/21/2026
ISSUED FOR:	BID

TITLE:
FIRE PROTECTION NOTES, DESIGN CRITERIA, LEGEND, & ABBREVIATIONS

SHEET NUMBER
FP001

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1 SECOND FLOOR FIRE PROTECTION PLAN - OVERALL

1/8" = 1'-0"



2 THIRD FLOOR FIRE PROTECTION PLAN - OVERALL

1/8" = 1'-0"

FIRE PROTECTION SPRINKLER LEGEND

ETR: EXISTING TO REMAIN SPRINKLER HEAD
RL: RELOCATED SPRINKLER HEAD
NEW: NEW SPRINKLER HEAD

FIRE PROTECTION CONSTRUCTION NOTES

1. NO PERMANENT SPRINKLER LAYOUT CHANGES ARE SHOWN ON THE BASEMENT OR FIRST FLOOR. PROTECT EXISTING SYSTEMS; COORDINATE ACCESS, ISOLATION, RESTORATION AND TESTING FOR WORK ABOVE. REPORT CONFLICTS BEFORE DISTURBING PROTECTION.
2. INSTALL ALL SPRINKLER HEADS CENTERED WITHIN ACOUSTICAL CEILING TILES (ACT) WHEREVER PRACTICABLE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING EXISTING-TO-REMAIN SPRINKLER HEADS AS NECESSARY TO COORDINATE WITH NEW CEILING LAYOUTS, CEILING SUSPENSION SYSTEMS, AND OTHER CEILING-MOUNTED DEVICES. SPRINKLER HEADS SHALL BE LOCATED AT THE CENTER OF CEILING TILES TO THE GREATEST EXTENT PRACTICABLE WHILE MAINTAINING CODE-COMPLIANT COVERAGE AND SPACING REQUIREMENTS.

FIRE PROTECTION KEYNOTES

(1) EXISTING COVERAGE DOES NOT MEET CODE REQUIRED COVERAGE AREA PER NFPA13. REPLACE EXISTING SPRINKLER ON EXISTING SPRINKLER ROUGH IN. PROVIDE EXTENDED-COVERAGE SPRINKLER. REFER TO FP001 FOR MANUFACTURER AND MODEL.

(2) LIGHTER LINE: EXISTING COVERAGE DEMARCATION (7'-6", 15' SPACING)
DARKER LINE: EXTENDED COVERAGE DEMARCATION (9'-0", 18' SPACING)

TRUE NORTH

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REVISIONS

NO	DATE	DESCRIPTION

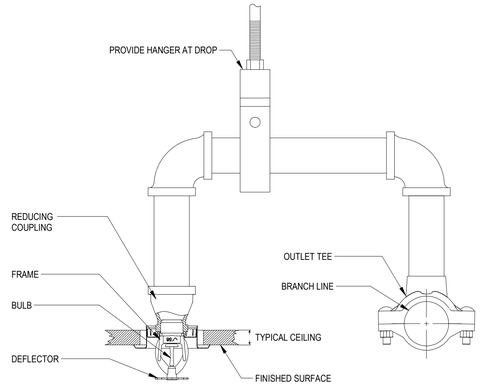
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TITLE:
SECOND FLOOR &
THIRD FLOOR PLAN

SHEET NUMBER
FP102

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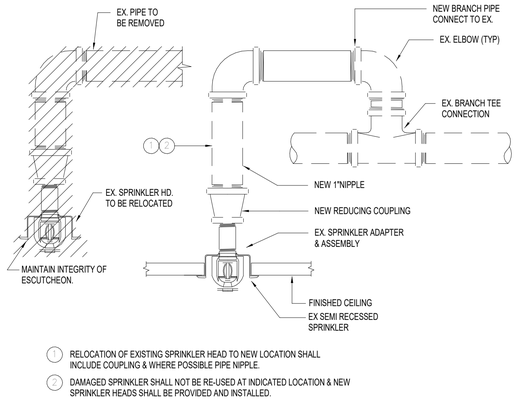
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TYPICAL INSTALLATION

3 CONCEALED PENDENT QUICK RESPONSE SPRINKLER HEAD

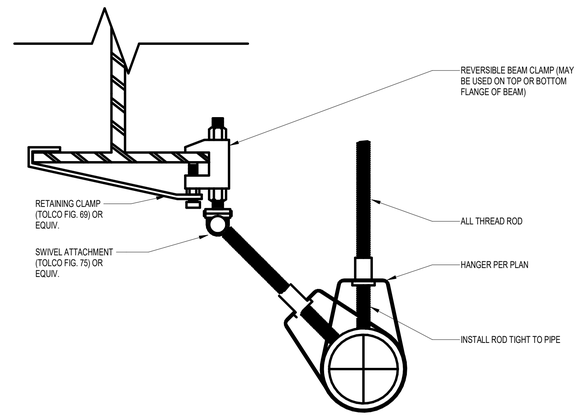
NOT TO SCALE



1. RELOCATION OF EXISTING SPRINKLER HEAD TO NEW LOCATION SHALL INCLUDE COUPLING & WHERE POSSIBLE PIPE NIPPLE.
2. DAMAGED SPRINKLER SHALL NOT BE RE-USED AT INDICATED LOCATION & NEW SPRINKLER HEADS SHALL BE PROVIDED AND INSTALLED.

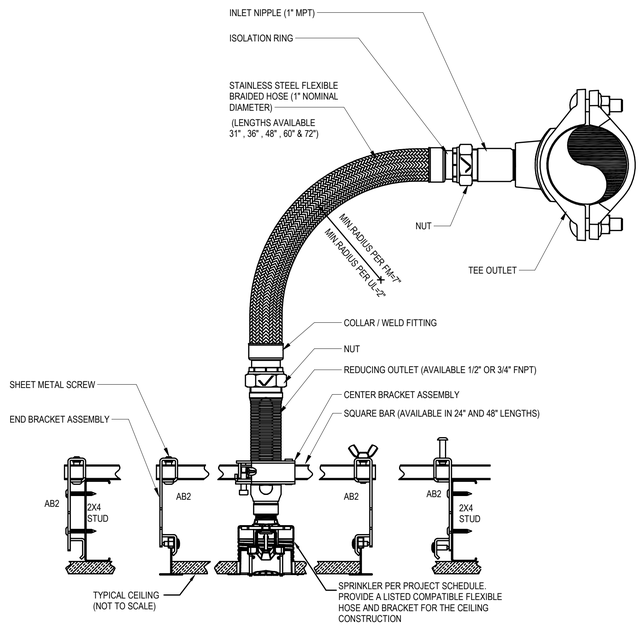
5 RELOCATED SEMI-RECESSED PENDENT SPRINKLER HEAD DETAIL

NOT TO SCALE



2 BRANCH LINE RESTRAINT AT STEEL BEAM

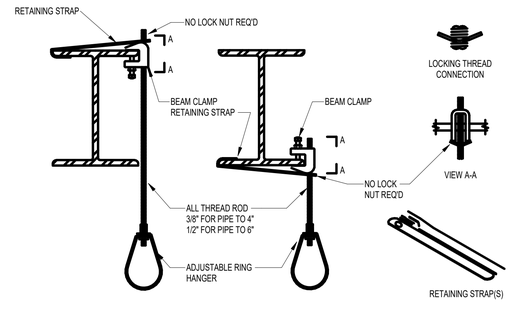
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VICTAULIC BRAIDED VICFLEX FLEXIBLE HOSE SPRINKLER ASSEMBLIES FOR RECESSED PENDENT SPRINKLERS

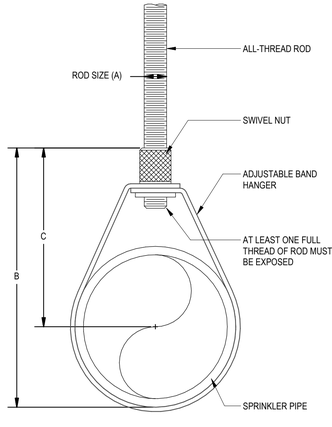
6 SPRINKLER ON FLEX DROP

NOT TO SCALE



4 C-CLAMP HANGER WITH RETAINER STRAP

NOT TO SCALE



PIPE SIZE	A	B	C
1/2	3/8	3 1/8	2 5/8
3/4	3/8	3 1/8	2 1/2
1	3/8	3 3/8	2 5/8
1 1/4	3/8	3 3/4	2 7/8
1 1/2	3/8	3 7/8	2 7/8
2	3/8	4 1/2	3
2 1/2	3/8	5 5/8	4 1/8
3	3/8	5 7/8	4
4	3/8	7 3/8	5
5	1/2	9 1/8	6 1/4
6	1/2	10 1/8	6 3/4
8	1/2	13 1/8	8 3/4

ALL SIZES ARE IN INCHES

1 ADJUSTABLE PIPE HANGER

NOT TO SCALE

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REVISIONS

NO	DATE	DESCRIPTION

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DRAWN: PN
REVIEWED: JV
PROJECT NO.: 2503449
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ISSUED FOR: BID

TITLE: DETAILS

SHEET NUMBER

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MECHANICAL GENERAL NOTES

1. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL LABOR, MATERIALS, EQUIPMENT, AND INCIDENTAL ITEMS NECESSARY TO PROVIDE COMPLETE AND FULLY FUNCTIONAL MECHANICAL SYSTEMS IN STRICT ACCORDANCE WITH THE CONTRACT DOCUMENTS, AND RECOGNIZED INDUSTRY STANDARDS.

   WORK INCLUDES FURNISHING AND INSTALLING ALL LABOR, MATERIALS, EQUIPMENT, ACCESSORIES, SERVICES, TESTING, ADJUSTING, BALANCING, COMMISSIONING SUPPORT, DOCUMENTATION, TRAINING, AND INCIDENTAL ITEMS REQUIRED FOR COMPLETE, COORDINATED, AND OPERABLE SYSTEMS, WHETHER OR NOT SPECIFICALLY SHOWN, DETAILED, SCHEDULED, OR CALLED OUT IN THE DRAWINGS OR SPECIFICATIONS.

   THE CONTRACTOR SHALL PROVIDE ALL ITEMS REASONABLY INFERRED FROM THE CONTRACT DOCUMENTS AND RECOGNIZED INDUSTRY STANDARDS TO ACHIEVE SYSTEM COMPLETENESS AND PERFORMANCE CONSISTENT WITH DESIGN INTENT, INDUSTRY STANDARDS, AND MANUFACTURER REQUIREMENTS, NOTWITHSTANDING OMISSIONS OR DISCREPANCIES IN THE DOCUMENTS, AND COORDINATION WITH OTHER TRADES, WITHOUT ADDITIONAL COST TO THE OWNER.

2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH AND CONFORM IN ALL ASPECTS TO THE LATEST ADOPTED EDITION OF ALL LOCAL, STATE, AND NATIONAL BUILDING CODES.

3. THE CONTRACTOR IS RESPONSIBLE FOR UNDERSTANDING AND FOLLOWING ALL CLIENTS/OWNERS' STANDARDS PRIOR TO BIDDING.

4. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

5. DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY PROJECT SCOPE AND GENERAL ARRANGEMENT. THE CONTRACTOR SHALL COORDINATE WITH ALL TRADES AND BE RESPONSIBLE FOR COORDINATION AND ACTUAL INSTALLATION LOCATIONS.

6. THE CONTRACTOR SHALL SUBMIT INSTALLATION SHOP DRAWINGS THAT INCLUDE ANY CONFLICTS WITH RECOMMENDATIONS THAT CORRECT THE CONFLICT. ALL SHOP DRAWINGS SHALL BE APPROVED BY THE ENGINEER PRIOR TO ANY INSTALLATIONS.

7. ALL HVAC SYSTEMS MOVING 2,000 CFM OR MORE, SHALL BE PROVIDED WITH DUCT-MOUNTED SMOKE DETECTORS IN THE RETURN AIR STREAMS. THE MECHANICAL CONTRACTOR SHALL INSTALL ALL SMOKE DETECTORS AND THE ELECTRICAL CONTRACTOR SHALL FURNISH AND WIRE ALL SMOKE DETECTORS. THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR ANY/ALL WIRING OR CONTROL MODULE REQUIREMENTS TO SHUT DOWN AIRFLOW AND ACTIVATE THE CENTRAL FIRE ALARM SYSTEM UPON SENSING SMOKE. PROVIDE ANY/ALL ELECTRICAL CONTACTS AS NEEDED.

8. PROVIDE VIBRATION ISOLATION FOR ALL MECHANICAL EQUIPMENT TO PREVENT TRANSMISSION OF VIBRATION.

9. ALL INSTALLED EQUIPMENT, PIPING, DUCTWORK, ETC. SHALL BE INSTALLED WITH A MINIMUM CLEARANCE OF 7'-6" THROUGHOUT ACCESS ROUTES.

10. ALL EQUIPMENT, DUCTWORK, PIPING ETC. SHALL BE TESTED PRIOR TO INSTALLATION OF INSULATION.

11. LOCATE ALL TEMPERATURE, PRESSURE AND FLOW MEASURING DEVICES IN AN ACCESSIBLE LOCATION AND INSTALLED PER MANUFACTURER RECOMMENDATIONS.

12. TESTING AND BALANCING SHALL BE PERFORMED BY A MEMBER OF THE ASSOCIATED AIR BALANCING COUNCIL (AABC) OR THE NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB). ALL WORK SHALL BE IN ACCORDANCE WITH THE AABC STANDARDS.

13. WHERE TWO OR MORE ITEMS OF THE SAME TYPE OF EQUIPMENT ARE REQUIRED, THE PRODUCTS SHALL BE PROVIDED BY THE SAME MANUFACTURER.

14. PROVIDE ANY MISCELLANEOUS STEEL REQUIRED FOR PROPER INSTALLATION OF ALL EQUIPMENT, DUCTWORK, PIPING ETC..., AS REQUIRED.

15. DO NOT PROVIDE OR INSTALL ANY COMBUSTIBLE MATERIAL IN RETURN AIR PLENUMS. ALL MATERIALS SHALL MEET FLAME SPREAD AND SMOKE DEVELOPED RATING REQUIREMENTS OF ASTM E 84.

16. INSTALLATIONS SHALL PROVIDE NECESSARY ACCESS AND CLEARANCES AS REQUIRED BY THE MANUFACTURER, AND AS SHOWN ON THE CONTRACT DOCUMENTS.

17. PROVIDE ANY/ALL ACCESS DOORS REQUIRING ACCESS TO DAMPERS, CONTROLS, VALVES, ETC. ANY ACCESS DOORS LOCATED IN A RATED ASSEMBLY SHALL MEET THE RATING REQUIREMENTS.

18. UNLESS OTHERWISE NOTED, ALL DUCTWORK DIMENSIONS SHOWN ON THE DRAWINGS ARE INTERNAL FREE AREA DIMENSIONS. SHEET METAL SIZE SHALL BE INCREASED AS REQUIRED FOR INTERNALLY LINED DUCTS.

19. ALL PIPING AND DUCTWORK OVERHEAD ARE INSTALLED TIGHT TO THE UNDERSIDE OF STRUCTURE. ELEVATIONS SHOWN ON DRAWINGS ARE AS FOLLOWS UNLESS NOTED OTHERWISE:
    A. PRESSURE PIPING – CENTER OF PIPE.
    B. GRAVITY PIPING – INVERT.
    C. DUCTWORK – BOTTOM ON DUCT (BOD).

20. MOUNT ALL TEMPERATURE, HUMIDITY, CARBON DIOXIDE SENSORS ETC. PER MANUFACTURERS RECOMMENDATIONS AND ANSI REQUIREMENTS.

21. PROVIDE FLEXIBLE/EXPANSION JOINTS AT ALL BUILDING EXPANSION/SEISMIC LOCATIONS. FLEXIBLE/EXPANSION JOINTS SHALL ALLOW FOR A MINIMUM OF 2" MOVEMENT OR MATCH/EXCEED THE BUILDING MOVEMENT.

22. PROVIDE GALVANIZED SCH 40 PIPE SLEEVES AT ALL FLOOR AND WALL PENETRATIONS. ALL SLEEVES AT SLAB ON GRADE OR BELOW SHALL BE WATERPROOF.

23. PROVIDE FIRE SEALS AT ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES. INSTALL IN ACCORDANCE WITH U.L. REQUIREMENTS.

24. PROVIDE HANGERS FOR DUCTWORK, PIPING, EQUIPMENT, TRANSFORMERS ETC... HANGERS SHALL BE GALV. THREADED STEEL RODS, GALV. STEEL ANGLES, GALV. CHANNELS, OR SIMILAR DEVICES MEETING MSS STANDARDS AND SECURELY ATTACHED TO THE BUILDING STRUCTURAL STEEL COMPONENTS. ALL ATTACHMENTS TO STEEL BAR JOISTS, TRUSSES, OR JOIST GIRDERS SHALL BE AT PANEL POINTS. ALL CONNECTIONS SHALL BE COORDINATED WITH GENERAL CONTRACTOR. WELDING TO STRUCTURAL COMPONENTS SHALL NOT BE PERMITTED. IT IS NOT INTENDED FOR HANGERS TO BE PRIMARILY SUPPORTED FROM THE FLOOR DECKING. WHERE UNAVOIDABLE, REFER TO STEEL DECKING SPECIFICATIONS FOR REQUIREMENTS PERTAINING TO HANGERS SUPPORTED BY THE FLOOR DECK. DO NOT INSTALL ANY HANGERS DIRECTLY TO THE ROOF DECK.

MECHANICAL ABBREVIATIONS

(NOT ALL SYMBOLS MAY APPEAR ON DRAWINGS)

A	
A	AMPS, AMPERE
ABC	ABOVE COUNTER
ABV	ABOVE
AC	AIR CONDITIONING UNIT
AC	ALTERNATING CURRENT
ACS PNL	ACCESS PANEL
ACU	AIR-COOLED CONDENSING UNIT
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFR	ABOVE FINISHED ROOF
AHU	AIR HANDLING UNIT
AL	ACOUSTIC LINING
AMB	AMBIENT
AUX	AUXILIARY, AUXILIARIES
AV	AUDIO VISUAL
B	
BDD	BACKDRAFT DAMPER
BLDG	BUILDING
BMS	BUILDING MANAGEMENT SYSTEM
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
C	
CD	CONDENSATE DRAIN
CF	CIRCULATION FAN
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CI	CAST IRON
CKT	CIRCUIT
CLG	CEILING
CO	CLEAN OUT, CARBON MONOXIDE
CO2	CARBON DIOXIDE
COD	CABLE OPERATED VOLUME DAMPER
COL	COLUMN
COMM	COMMUNICATION
CONC	CONCRETE
CONN	CONNECT
CONST	CONSTRUCTION
CONT	CONTINUOUS
COP	COEFFICIENT OF PERFORMANCE
CRAC	COMPUTER ROOM AIR CONDITIONING UNIT
CT	COOLING TOWER
CU	CONDENSING UNIT
CW	COLD WATER
D	
D	DEPTH
DB	DRY BULB
DCV	DEMAND CONTROLLED VENTILATION
DEMARC	TELECOMMUNICATION DEMARCATION BOARD
DIA	DIAMETER
DIFF	DIFFUSER
DN	DOWN
DOAS	DEDICATED OUTSIDE AIR SYSTEM
DTL	DETAIL
DWG	DRAWING
E	
EA	EACH
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
ECH	ELECTRIC CEILING HEATER
EDH	ELECTRIC DUCT HEATER
EER	ENERGY EFFICIENCY RATIO
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
EQUIP	EQUIPMENT
ER	EXISTING TO BE REMOVED
ERV	ENERGY RECOVERY VENTILATOR
ESP	EXTERNAL STATIC PRESSURE
ETR	EXISTING TO REMAIN
EUH	ELECTRIC UNIT HEATER
EWH	ELECTRIC WALL HEATER
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
EXIST, EXG	EXISTING
EXP	EXPANSION
F	
F	DEGREES FAHRENHEIT
F/A	FROM ABOVE
F/B	FROM BELOW
FA	FREE AREA
FC	FLEXIBLE CONNECTION
FCU	FAN COIL UNIT
FD	FIRE DAMPER
FPB	FAN POWERED VAV TERMINAL UNIT
FPM	FEET PER MINUTE
FSD	COMBINATION FIRE/SMOKE DAMPER
FT	FEET
G	
G	GROUND
GA	GAUGE
GAL	GALLONS
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
H	
H	HEIGHT, HYDROGEN
HD	HEAD
HG	REFRIGERANT HOT-GAS LINE
HORIZ	HORIZONTAL
HP	HORSEPOWER
HTG	HEATING
HUM	HUMIDITY
HVAC	HEATING, VENTILATION & AIR CONDITIONING
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
I	
IN	INCHES
IN WC	INCHES WATER COLUMN
K	
KVA	KILOVOLT AMPERES
KW	KILOWATT
KWH	KILOWATT - HOUR
L	
L	LENGTH
LAT	LEAVING AIR TEMPERATURE
LB	POUNDS (WEIGHT)
LD	LINEAR DIFFUSER
LIN FT	LINEAR FOOT
LTG	LIGHTING
LWT	LEAVING WATER TEMPERATURE
M	
mA	MILI AMPS
MAX	MAXIMUM
MBH	THOUSAND BRITISH THERMAL UNIT PER HOUR
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDF	MAIN DISTRIBUTION FRAME - DATA
MECH	MECHANICAL
MH	METHANE
MIN	MINIMUM
MISC	MISCELLANEOUS
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MTR	MOTOR
MTRZD	MOTORIZED
N	
#	NUMBER
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NO2	NITROGEN DIOXIDE
O	
OA	OUTSIDE AIR
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER
OCC	OCCUPANCY
OD	OUTSIDE DIAMETER
OED	OPEN-ENDED DUCT
OZ	OUNCE
P	
PD	PRESSURE DROP
PD	PUMPED DISCHARGE
PE	PHOTO-ELECTRIC
PERF	PERFORATED
PF	POWER FACTOR
PH	PHASE
PLBG	PLUMBING
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH - ABSOLUTE
PSIG	POUNDS PER SQUARE INCH - GAUGE
PVC	POLYVINYL CHLORIDE
PWR	POWER
R	
RA	RETURN AIR
RCP	REFLECTED CEILING PLAN
REC	RECEPTACLE
REF	REFERENCE
REFR	REFRIGERATOR
REQ	REQUIRED
RGD	REGISTERS, GRILLES & DIFFUSERS
RH	RELATIVE HUMIDITY
RL	REFRIGERANT LIQUID LINE
RLA	RUNNING LOAD AMPS
RLFA	RELIEF AIR
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RQ	REQUIREMENT
RS	REFRIGERANT SUCTION LINE
RT	RAINTIGHT
RTU	ROOFTOP UNIT
S	
SA	SUPPLY AIR
SD	SMOKE DETECTOR
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SEF	SMOKE EXHAUST FAN
SENS	SENSIBLE (BTU)
SHT	SHEET
SHT MTL	SHEET METAL
SP	STATIC PRESSURE
SPECS	SPECIFICATIONS
SPKR	SPEAKER
SQ	SQUARE
SQFT, SF	SQUARE FEET
STD	STANDARD
SURF	SURFACE
SW	SWITCH
SYM	SYMMETRICAL
T	
T-STAT	THERMOSTAT
TC	TIMECLOCK
TELE	TELEPHONE
TOT	TOTAL (BTU)
TYP	TYPICAL
U	
UF	UNDERFLOOR
UON	UNLESS OTHERWISE NOTED
V	
V	VOLT
VA	VALVE
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VERT	VERTICAL
VT	VENT
VTL	VENTILATION
VV	VARIABLE VOLUME TERMINAL UNIT
W	
W	WATTS
W	WIDTH
W/	WITH
WB	WET BULB
WH	WATER HEATER
WMS	WIRE MESH SCREEN
WP	WEATHERPROOF
WT	WEIGHT

MECHANICAL PIPING LEGEND

(NOT ALL SYMBOLS MAY APPEAR ON DRAWINGS)

SYMBOL	DESCRIPTION
CD	CONDENSATE PIPING
PD	PUMPED DISCHARGE PIPING
HWS	HOT WATER SUPPLY PIPING
HWR	HOT WATER RETURN PIPING
CHWS	CHILLED WATER SUPPLY PIPING
CHWR	CHILLED WATER RETURN PIPING
CWS	CONDENSER WATER SUPPLY PIPING
CWR	CONDENSER WATER RETURN PIPING
DTWS	DUAL TEMPERATURE WATER SUPPLY
DTWR	DUAL TEMPERATURE WATER RETURN
LPS	LOW PRESSURE STEAM SUPPLY
LPR	LOW PRESSURE STEAM RETURN
	MANUAL GATE VALVE
	MANUAL BALL VALVE
	CHECK VALVE - SWING STYLE
	TEMPERATURE & PRESSURE (T&P) SAFETY RELIEF VALVE
	MANUAL BUTTERFLY VALVE
	UNION
M	2-WAY MOTORIZED CONTROL VALVE - MODULATING
M	3-WAY MOTORIZED CONTROL VALVE - MODULATING
I	MOTORIZED BUTTERFLY VALVE - ISOLATION - 2 POSITION
I	MOTORIZED GATE VALVE - ISOLATION - 2 POSITION
	CONCENTRIC REDUCER/INCREASER
	ECCENTRIC REDUCER/INCREASER
	PIPING ANCHOR
	PIPING GUIDE
	WATER FLOW DIRECTION

MECHANICAL DRAWING LIST

REV.	SHEET NO.	SHEET TITLE
	M001	NOTES, SYMBOL LEGEND, & ABBREVIATIONS
	MD102	SECOND FLOOR MECHANICAL DEMOLITION PLAN
	MD103	THIRD FLOOR MECHANICAL DEMOLITION PLAN
	M102	BASEMENT & SECOND FLOOR MECHANICAL PLANS
	M103	THIRD FLOOR MECHANICAL PLAN
	M104	ATTIC & ROOF MECHANICAL PLAN
	M501	MECHANICAL DETAILS
	M502	MECHANICAL DETAILS
	M601	MECHANICAL SCHEDULES

MECH/ELEC COORDINATION

MECHANICAL CONTRACTOR SHALL COORDINATE THE ELECTRICAL CHARACTERISTICS OF ALL HVAC EQUIPMENT (VOLTAGE, PHASE, ETC) WITH THE ELECTRICAL CONTRACTOR AND ELECTRICAL PLANS BEFORE ORDERING ANY MECHANICAL EQUIPMENT. ANY SUBSEQUENT MISMATCH BETWEEN MECHANICAL EQUIPMENT ELECTRICAL REQUIREMENTS AND THE ELECTRICAL SERVICE, AS DESIGNED AND PROVIDED, SHALL BE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.

MECHANICAL/ELECTRICAL COORDINATION STATEMENTS REQUIRED BY HVAC GENERAL NOTES AND SPECIFICATIONS SHALL BE INCLUDED WITH EQUIPMENT SUBMITTALS/SHOP DRAWINGS.

MECHANICAL LEGEND

(NOT ALL SYMBOLS MAY APPEAR ON DRAWINGS)

SYMBOL	DESCRIPTION
	90° ELBOW DOWN
	90° ELBOW UP
	ROUND RADIUS ELBOW
	45° ELBOW
X	90° ELBOW DOWN
	90° ELBOW UP
	RECTANGULAR RADIUS ELBOW
	RECTANGULAR ELBOW WITH TURNING VANES
	BRANCH TAKE-OFF WITH ANGLED TAP & VOLUME DAMPER
	REDUCER, ECCENTRIC
	REDUCER, CONCENTRIC
	INTERNAL ACOUSTICALLY LINED DUCTWORK
	INSULATED DUCTWORK
	SUPPLY DUCT
	RETURN DUCT
	EXHAUST DUCT
⌀	ROUND DUCT
	FLEXIBLE DUCT CONNECTION
	EXISTING DUCT TO REMAIN
	EXISTING DUCT TO BE REMOVED
	NEW DUCT
	SUPPLY AIR DIFFUSER
	RETURN GRILLE
	EXHAUST GRILLE
	MANUAL VOLUME DAMPER
M	MOTORIZED DAMPER
BD	BACKDRAFT DAMPER
FD	FIRE DAMPER
SD	SMOKE DAMPER
FSD	COMBINATION FIRE-SMOKE DAMPER
NO2 CO	SPACE COMBINATION NITROGEN DIOXIDE AND CARBON MONOXIDE SENSOR
FCP	FAN CONTROL PANEL
TH	COMBINATION TEMPERATURE AND RELATIVE HUMIDITY SENSOR
SD	DUCT SMOKE DETECTOR
CO2	SPACE OR DUCT CARBON DIOXIDE SENSOR
CO	SPACE CARBON MONOXIDE SENSOR
H	SPACE HYDROGEN SENSOR
T	SPACE OR DUCT TEMPERATURE THERMOSTAT
RH	SPACE OR DUCT RELATIVE HUMIDITY SENSOR
NO2	SPACE NITROGEN DIOXIDE SENSOR
OCC	SPACE OCCUPANCY SENSOR
RUC	REMOTE UNIT CONTROLLER
1/2" U	UNDERCUT DOOR - NUMBER DENOTES DOOR UNDERCUT
	RETURN / EXHAUST AIRFLOW DIRECTION
	SUPPLY AIRFLOW DIRECTION
	DISCONNECTION POINT
	CONNECTION POINT
#	KEYNOTE

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NO	DESCRIPTION	DATE

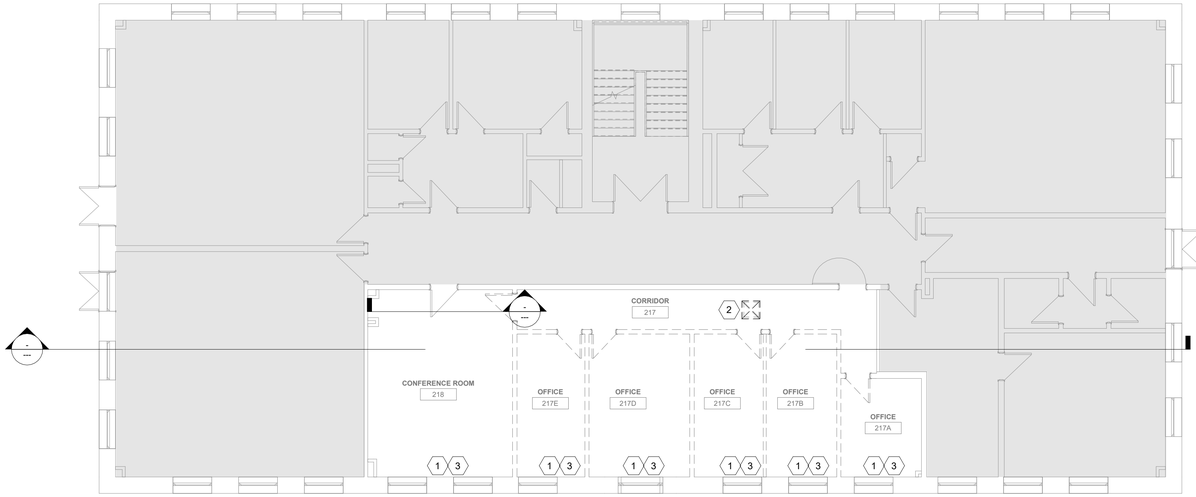
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TITLE:
NOTES, SYMBOL LEGEND, & ABBREVIATIONS

SHEET NUMBER
M001

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1 SECOND FLOOR DEMOLITION PLAN
1/8" = 1'-0"

DEMOLITION PLAN GENERAL NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE AND ADJOINING AREAS, EXAMINE, AND BE FAMILIAR WITH ALL EXISTING CONDITIONS AND DETERMINE THE IMPACT ON THE EXECUTION OF WORK OF THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE ARCHITECT OF ANY DISCREPANCIES.
2. THE CONTRACTOR SHALL PERFORM THIS PRIOR TO THE SUBMISSION OF THIS PROPOSAL. SUBMISSION OF PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE AND LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR, EQUIPMENT, MATERIALS, ETC... REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN EXAMINATION BEEN MADE.
3. CONTRACTORS SHALL PROVIDE PROTECTIVE SURFACING OVER THE EXISTING ROOF IN THE AREA OF HIS WORK DURING THE EXECUTION OF THIS SCOPE. ANY DAMAGE TO THE EXISTING ROOF DURING EXECUTION OF THIS SCOPE, THE CONTRACTOR SHALL REPORT TO, AND COORDINATE WITH THE OWNER'S REPRESENTATIVE AND MAKE THE APPROPRIATE REPAIRS IN ACCORDANCE WITH THE INSTRUCTIONS OF THE ROOFING OEM TO MAINTAIN THE EXISTING ROOFING SYSTEM WARRANTEE. ALL COSTS FOR ANY REPAIRS SHALL BE BY THIS CONTRACTOR.
4. ANY ROOF OPENINGS DUE TO THE REMOVAL OF ANY ROOFTOP EQUIPMENT OR RELATED APPURTENANCES THEREOF, SHALL BE STRUCTURELY PATCHED AND THE ROOFING SEALED WEATHERTIGHT. COORDINATE WITH THE GENERAL CONTRACTOR. REFER TO ARCHITECTURAL DWGS FOR ADDITIONAL INFO
5. CARE MUST BE TAKEN TO INSURE ACTIVE AREAS OUTSIDE THE CURRENT DEMOLITION REMAIN UNAFFECTED BY THIS WORK.
6. CONTRACTORS SHALL TAKE SPECIAL CARE TO DEMOLISH ONLY THAT WORK WHICH IS REQUIRED TO BE DEMOLISHED AND NOT TO DISTURB ANY WORK WHICH IS TO REMAIN. IF IN THE COURSE OF THE DEMOLITION, THE CONTRACTOR DESTROYS OR DISTURBS ANY WORK WHICH IS TO REMAIN, THEN HE SHALL, AT HIS OWN EXPENSE, REPAIR OR REPLACE SUCH WORK AS NECESSARY.
7. THE DEMOLITION WORK SHALL INCLUDE PROVIDING ALL MATERIALS AND LABOR FOR; EXTENSIONS, CONNECTIONS, CUTTING, PATCHING, REPAIRING, ELECTRICAL WORK, AND TEMPORARY CONNECTIONS REQUIRED TO MAINTAIN SERVICE PENDING THE COMPLETION OF THE PERMANENT WORK. NOTES AND GRAPHIC REPRESENTATION SHALL NOT LIMIT THE EXTENT OF DEMOLITION REQUIRED. EXTENT OF THE DEMOLITION WORK SHALL BE COORDINATED WITH THE ARCHITECT.
8. PRIOR TO ANY WORK BEING PERFORMED, THIS CONTRACTOR SHALL COORDINATE WITH ALL APPROPRIATE TRADES AND BUILDING MANAGEMENT TO ENSURE THAT WORK WILL BE IN HARMONY WITH OTHER WORK AND NOT AFFECT ANY EXISTING BUILDING SYSTEMS. THIS WORK MUST BE APPROVED BY BUILDING MANAGEMENT PRIOR TO PROCEEDING.
9. GENERAL CONTRACTOR TO REMOVE ALL CEILING IN AREAS WHERE NEW WORK IS TO BE INSTALLED OR EXISTING IS ALTERED, AS PER ARCHITECT'S INSTRUCTIONS.
10. THE CONTRACTOR SHALL DOCUMENT ALL EXISTING DUCTWORK, PIPING, FEEDERS, LOW VOLTAGE CONTROL WIRING, ETC... WHICH PASS THROUGH THE DEMOLITION SPACE SERVICING EXISTING OCCUPIED ADJOINING AREAS. ANY EXISTING WORK REQUIRED TO REMAIN BUT INTERFERING WITH NEW WORK SHALL BE RELOCATED AND RECONNECTED USING LIKE MATERIALS AND METHODS OF THE EXISTING SERVICE AND SHALL CONFORM TO STANDARDS OF THIS CONTRACT. THIS WORK MAY NOT BE REPRESENTED IN THE DRAWINGS, BUT SHOULD BE TAKEN INTO ACCOUNT BY THE CONTRACTOR IN HIS PROPOSAL. COORDINATE WITH BUILDING MANAGEMENT PRIOR TO ANY SHUTDOWN OR DISRUPTION OF SERVICES THAT MAY BE REQUIRED TO ACCOMPLISH THIS WORK.
11. EQUIPMENT REQUIRED TO BE TEMPORARILY DISCONNECTED AND RELOCATED SHALL BE CAREFULLY REMOVED, STORED, CLEANED, REINSTALLED, RECONNECTED AND MADE OPERATIONAL.
12. ALL NECESSARY CUTTING AND PATCHING TO ACCOMMODATE THE NEW HVAC WORK SHALL BE PERFORMED BY THIS CONTRACTOR AND COORDINATED WITH BUILDING MANAGEMENT. RESTORE ALL ITEMS TO MATCH EXISTING CONDITIONS.
13. PROVIDE ADDITIONAL SUPPORT FOR ALL EXISTING DUCTWORK, PIPING, CONDUITS, LOW VOLTAGE CABLING AND DEVICES TO REMAIN, WHICH ARE AFFECTED BY DEMOLITION OF EXISTING CEILING AND PARTITIONS.
14. PROTECT THE INTEGRITY OF ALL ITEMS (I.E. EQUIPMENT, DUCTWORK, PIPING, FINTUBE ENCLOSURE, INSULATION, ETC...) THAT ARE INDICATED TO REMAIN. MAINTAIN THE FULL FUNTIONALITY OF ALL ITEMS THAT ARE TO REMAIN. REPLACE AND/OR REPAIR ANY DAMAGE TO THE ABOVE MENTIONED ITEMS RESULTING FROM THEIR WORK. WHERE ITEMS THAT ARE INDICATED TO REMAIN ARE NOT IN PROPER WORKING ORDER PRIOR THE THE START OF THE MC'S WORK, REPORT ANY ISSUES IMMEDIATELY TO THE ENGINEER OF RECORD AND THE OWNER'S REPRESENTATIVE. UNLESS OTHERWISE NOTED, REMOVE CONDUIT AND WIRING TO POINTS OF ORIGIN WITHIN THE DESIGNATED AREA OF CONSTRUCTION FOR ALL EXISTING EQUIPMENT TO BE REMOVED.
15. ANY DEMOLITION MATERIALS, EQUIPMENT, ETC... REQUIRED TO BE TURNED OVER TO THE OWNER SHALL BE PLACED IN A MUTUALLY ACCEPTABLE LOCATION. THE ITEMS TO BE TURNED OVER AND LOCATION FOR THEIR STORAGE SHALL BE COORDINATED WITH THE OWNER'S REP. OTHERWISE, THE DEMOLITION MATERIALS SHALL BE REMOVED FROM THE BUILDING AFTER REGULAR BUSINESS HOURS AND SHALL BE TAKEN OFF-SITE NO LATER THAN THE START OF THE NEXT BUSINESS DAY. NO DEBRIS SHALL BE ALLOWED TO ACCUMULATE ON THE SITE. THE CONSTRUCTION SITE SHALL BE SWEPT CLEAN EACH DAY AND NO DUST OR DEBRIS SHALL BE PERMITTED TO ENTER THE AREA DRAINS SERVING THE BUILDING.
16. ALL MATERIALS AND EQUIPMENT SLATED TO BE REMOVED AND IS NOT DESIGNATED TO BE TURNED OVER TO THE OWNER, SHALL BE TAKEN FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS AND ENVIRONMENTAL REGULATIONS. EQUIPMENT REQUIRED TO BE TURNED OVER TO THE OWNER SHALL BE PLACED IN A MUTUALLY ACCEPTABLE LOCATION (COORDINATE LOCATION AND EQUIPMENT WITH OWNER).
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DEMOLITION PLAN KEY NOTES:

(NOT ALL KEY NOTES APPEAR ON THIS SHEET)

1. UNLESS OTHERWISE NOTED, ALL EXISTING HVAC SYSTEMS SERVING THIS AREA CONSISTING OF, BUT NOT LIMITED TO: EQUIPMENT, DUCTWORK, PIPING, CONTROLS, DAMPERS, WIRING, AIR TERMINALS, HANGERS, SUPPORTS, ETC. AND ALL APPURTENANCES THEREOF TO REMAIN.
   1. PATCH ALL WALL/FLOOR/ROOF OPENINGS RESULTING FROM ANY DEMOLITION TO MATCH EXISTING WALL/FLOOR/ROOF. MAKE PENETRATIONS WEATHERTIGHT. COORDINATE WITH THE GC.
   2. SPACES IN THIS AREA THAT HAVE FINTUBE RADIATION, UNIT HEATERS, CABINET UNIT HEATERS SHALL REMAIN. REFER TO NEW WORK FOR MODIFICATIONS.
2. DEMOLISH EXISTING SUPPLY DIFFUSER.
3. GC TO REMOVE AND PROTECT ALL EXISTING WINDOW AC UNITS, TURNED OVER TO THE OWNER, AND TO BE STORED IN THE BASEMENT. GC TO REINSTALL ALL WINDOW AC UNITS IN THEIR ORIGINAL LOCATIONS. ADDITIONAL UNITS TO BE PROVIDED BY THE OWNER AND INSTALLED BY THE GC SUCH THAT THERE IS A WINDOW AC UNIT IN EACH OFFICE OR CONFERENCE SPACE. COORDINATE LOCATIONS OF ADDITIONAL WINDOW AC UNITS WITH THE OWNER.

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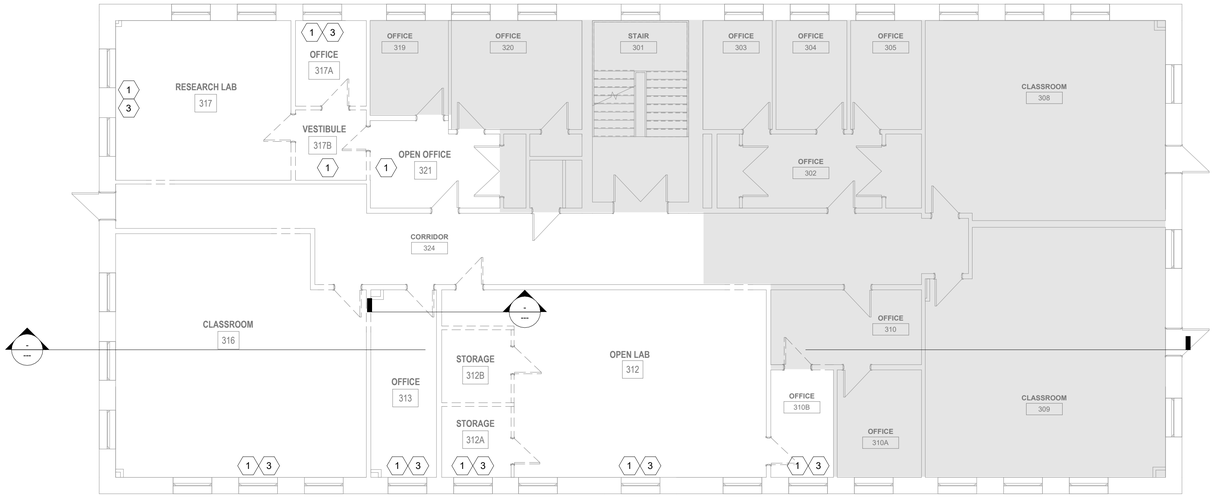
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SECOND FLOOR MECHANICAL DEMOLITION PLAN

SHEET NUMBER
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1 THIRD FLOOR DEMOLITION PLAN

1/8" = 1'-0"

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DEMOLITION PLAN KEY NOTES:

(NOT ALL KEY NOTES APPEAR ON THIS SHEET)

1. UNLESS OTHERWISE NOTED, ALL EXISTING HVAC SYSTEMS SERVING THIS AREA CONSISTING OF, BUT NOT LIMITED TO: EQUIPMENT, DUCTWORK, PIPING, CONTROLS, DAMPERS, WIRING, AIR TERMINALS, HANGERS, SUPPORTS, ETC. AND ALL APPURTENANCES THEREOF TO REMAIN.
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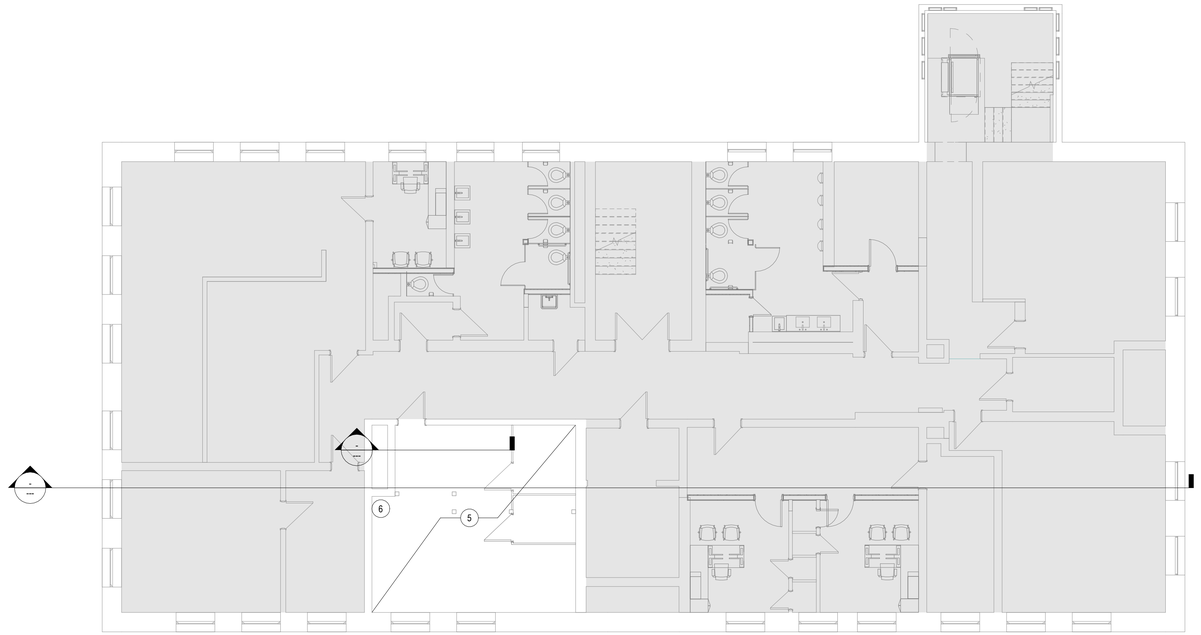
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TITLE:
THIRD FLOOR MECHANICAL DEMOLITION PLAN

SHEET NUMBER
MD103

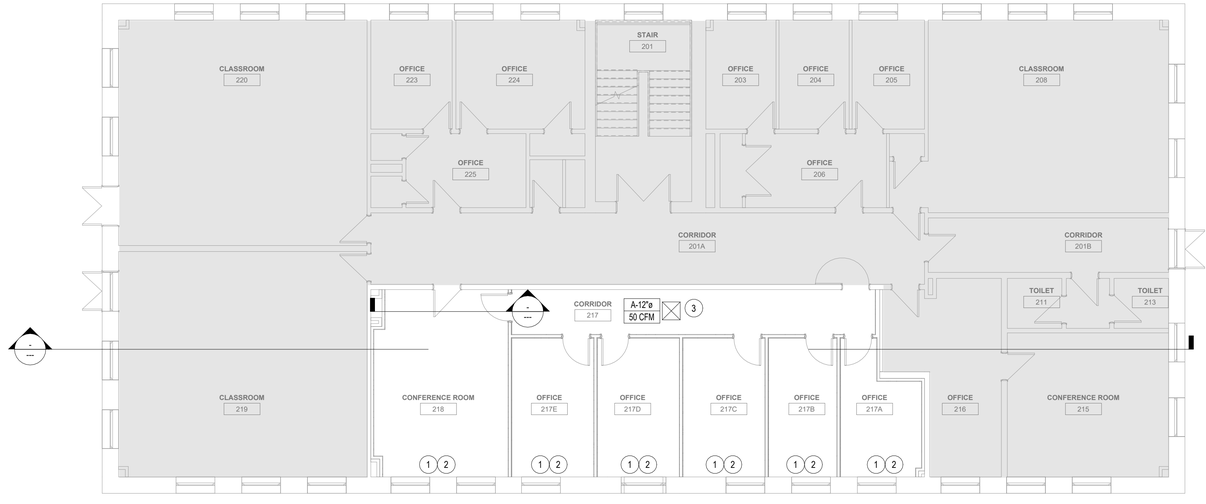
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2 BASEMENT PLAN

1/8" = 1'-0"



1 SECOND FLOOR PLAN

1/8" = 1'-0"

MECHANICAL GENERAL NOTES:

1. ALL COMBINATION FIRE/SMOKE AND FIRE DAMPERS SHALL BE PROVIDED WITH DUCT ACCESS DOORS OF ADEQUATE SIZE TO PROVIDE SERVICE AND MAINTENANCE. WHERE THE DAMPERS ARE IN INACCESSIBLE LOCATIONS, COORDINATE THE LOCATIONS OF THE DAMPERS AND THEIR RESPECTIVE DUCT ACCESS DOORS WITH THE GENERAL CONTRACTOR TO PROVIDE ACCESS DOORS IN FINISHED SURFACES - MIN. 18"x18". WHERE THE CONSTRUCTION ASSEMBLY HAS A FIRE RATING, THE ACCESS DOORS SHALL BE RATED TO MATCH.
2. PROVIDE CABLE OPERATED VOLUME DAMPERS (COD) AT ALL LOCATIONS WHERE THE DAMPER IS LOCATED BEHIND AN INACCESSIBLE ASSEMBLY. THE MECHANICAL CONTRACTOR SHALL COORDINATE THE LOCATION OF THE OPERATORS TO ALLOW FOR CONVENIENT OPERATION, INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS.
3. USE OF COMBUSTIBLE MATERIALS IS NOT ALLOWED IN THE RETURN AIR PLENUM. MATERIALS USED IN THE PLENUM SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25, AND A SMOKE DEVELOPED RATING NOT TO EXCEED 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84. ALL EXPOSED WIRING IN THE PLENUM SHALL BE PLENUM RATED.
4. ALL SIDEWALL VENT TERMINATIONS SHALL BE NO LESS THAN 3 FEET FROM ALL OPERABLE BUILDING OPENINGS. VERIFY DISTANCE IN FIELD. COORDINATE ALL SIDEWALL VENT LOCATIONS WITH ARCHITECT'S ELEVATIONS.
5. LOCATE AREA SENSORS AND THERMOSTATS AT 48" AFF.
6. PROVIDE ALL NECESSARY COMPONENTS (E.G. TRANSFORMERS, LOW VOLTAGE WIRING, ETC...) TO SUPPLY POWER TO REMOTE UNIT CONTROLLERS / SENSORS AS REQUIRED BY MANUFACTURER.

MECHANICAL KEY NOTES:

(NOT ALL KEY NOTES APPEAR ON ALL SHEETS)

1. OWNER TO PROVIDE WINDOW AIR-CONDITIONING UNITS FOR OFFICES ON EXTERIOR WALLS. THE CONTRACTOR SHALL WALK THE BUILDING WITH THE FACILITIES STAFF TO IDENTIFY EXISTING WINDOW AC UNITS ARE TO BE REMOVED AND STORED IN THE BASEMENT DURING DEMOLITION AND EXECUTION OF NEW WORK, AND REINSTALLED BY THE GC IN THEIR CURRENT LOCATIONS AT THE COMPLETION OF NEW WORK. ADDITIONAL UNITS TO BE PROVIDED BY OWNER AND INSTALLED BY GC SUCH THAT THERE IS A WINDOW AC UNIT IN EACH OFFICE OR CONFERENCE SPACE.
2. EXISTING BASEBOARD FINTUBE RADIATION TO REMAIN.
   - REMOVE EXISTING ENCLOSURE WHERE NEW WALL IS INSTALLED. REMOVE A PORTION OF THE ENCLOSURE EQUAL TO THE WALL WIDTH PLUS 4 INCHES TO PROVIDE 2 INCHES OF CLEARANCE EACH SIDE OF WALL.
   - PROVIDE NEW END CAPS TO MATCH EXISTING FINTUBE ENCLOSURE.
   - INSTALL NEW RADIATOR COVERS SO THAT HEATING HOT WATER PIPING AND RADIATORS IS CONTINUOUSLY COVERED. IF EXISTING RADIATOR COVER IS NOT AFFECTED BY CONSTRUCTION, EXISTING RADIATOR COVER CAN BE EXISTING TO REMAIN.
3. INSTALL NEW 24X24 CEILING SUPPLY DIFFUSER IN NEW CEILING IN SAME LOCATION AS PREVIOUS EXISTING DIFFUSER. CONNECT TO THE EXISTING DUCTWORK DISTRIBUTION SYSTEM. WHERE THE DUCT IS INSULATED, PROVIDE NEW INSULATION TO MATCH EXISTING. PROVIDE A CONTINUOUS VAPOR BARRIER FOR ALL NEW INSULATION AND AT THE NEW CONNECTION TO EXISTING. BALANCE SUPPLY DIFFUSER TO A MINIMUM OF 50 CFM.
4. MOUNT ERV TO NEW WALL IN ACCORDANCE WITH THE MANUF. WRITTEN INSTALLATION INSTRUCTIONS.
5. OFFSET EXISTING DUCT WORK AND PIPING, INCLUDING ASSOCIATED HANGERS, SUPPORTS, AND CONNECTIONS, AS REQUIRED TO MAINTAIN CLEARANCE FOR COLUMN INSTALLATION. COORDINATE FINAL ROUTING AND ELEVATIONS WITH STRUCTURAL DRAWINGS AND ALL AFFECTED TRADES.
6. ISOLATE EXISTING HYDRONIC EXPANSION TANK AND DISCONNECT. PROTECT WHILE STRUCTURAL FOOTING IS POURED. REINSTALL EXISTING HYDRONIC EXPANSION TANK IN SAME LOCATION ON NEW 4 INCH CONCRETE HOUSEKEEPING PAD.

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REVIEWED:	JV
PROJECT NO.:	2503449
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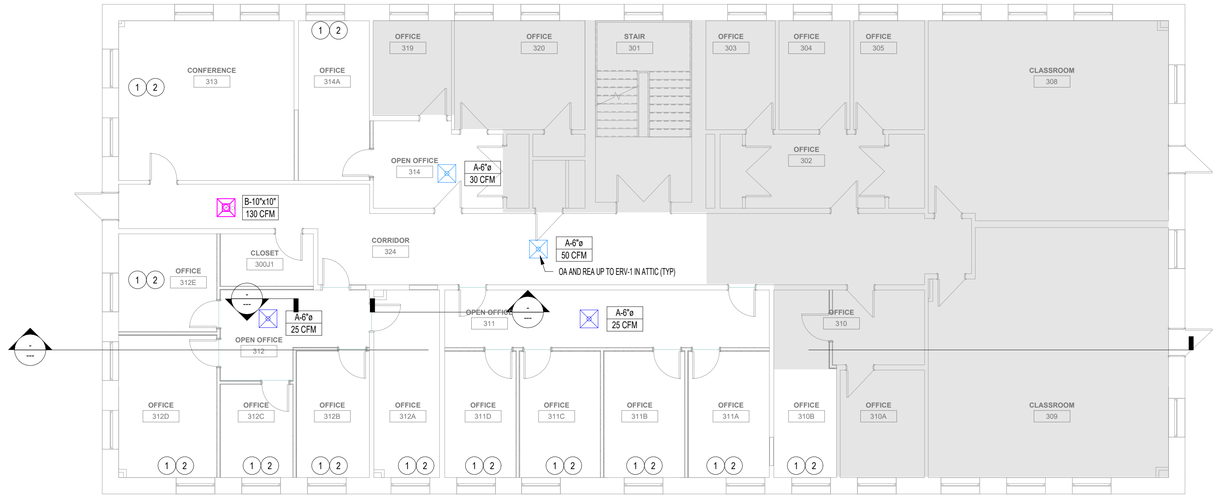
BASEMENT & SECOND FLOOR MECHANICAL PLANS

SHEET NUMBER

M102

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

MECHANICAL GENERAL NOTES:

1. ALL COMBINATION FIRE/SMOKE AND FIRE DAMPERS SHALL BE PROVIDED WITH DUCT ACCESS DOORS OF ADEQUATE SIZE TO PROVIDE SERVICE AND MAINTENANCE. WHERE THE DAMPERS ARE IN INACCESSIBLE LOCATIONS, COORDINATE THE LOCATIONS OF THE DAMPERS AND THEIR RESPECTIVE DUCT ACCESS DOORS WITH THE GENERAL CONTRACTOR TO PROVIDE ACCESS DOORS IN FINISHED SURFACES - MIN. 18"x18". WHERE THE CONSTRUCTION ASSEMBLY HAS A FIRE RATING, THE ACCESS DOORS SHALL BE RATED TO MATCH.
2. PROVIDE CABLE OPERATED VOLUME DAMPERS (COD) AT ALL LOCATIONS WHERE THE DAMPER IS LOCATED BEHIND AN INACCESSIBLE ASSEMBLY. THE MECHANICAL CONTRACTOR SHALL COORDINATE THE LOCATION OF THE OPERATORS TO ALLOW FOR CONVENIENT OPERATION. INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS.
3. USE OF COMBUSTIBLE MATERIALS IS NOT ALLOWED IN THE RETURN AIR PLENUM. MATERIALS USED IN THE PLENUM SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25, AND A SMOKE DEVELOPED RATING NOT TO EXCEED 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84. ALL EXPOSED WIRING IN THE PLENUM SHALL BE PLENUM RATED.
4. ALL SIDEWALL VENT TERMINATIONS SHALL BE NO LESS THAN 3 FEET FROM ALL OPERABLE BUILDING OPENINGS. VERIFY DISTANCE IN FIELD. COORDINATE ALL SIDEWALL VENT LOCATIONS WITH ARCHITECT'S ELEVATIONS.
5. LOCATE AREA SENSORS AND THERMOSTATS AT 48" AFF.
6. PROVIDE ALL NECESSARY COMPONENTS (E.G. TRANSFORMERS, LOW VOLTAGE WIRING, ETC...) TO SUPPLY POWER TO REMOTE UNIT CONTROLLERS / SENSORS AS REQUIRED BY MANUFACTURER.

MECHANICAL KEY NOTES:

(NOT ALL KEY NOTES APPEAR ON ALL SHEETS)

1. OWNER TO PROVIDE WINDOW AIR-CONDITIONING UNITS FOR OFFICES ON EXTERIOR WALLS. THE CONTRACTOR SHALL WALK THE BUILDING WITH THE FACILITIES STAFF TO IDENTIFY EXISTING WINDOW AC UNITS ARE TO BE REMOVED AND STORED IN THE BASEMENT DURING DEMOLITION AND EXECUTION OF NEW WORK, AND REINSTALLED BY THE GC IN THEIR CURRENT LOCATIONS AT THE COMPLETION OF NEW WORK. ADDITIONAL UNITS TO BE PROVIDED BY OWNER AND INSTALLED BY GC SUCH THAT THERE IS A WINDOW AC UNIT IN EACH OFFICE OR CONFERENCE SPACE.
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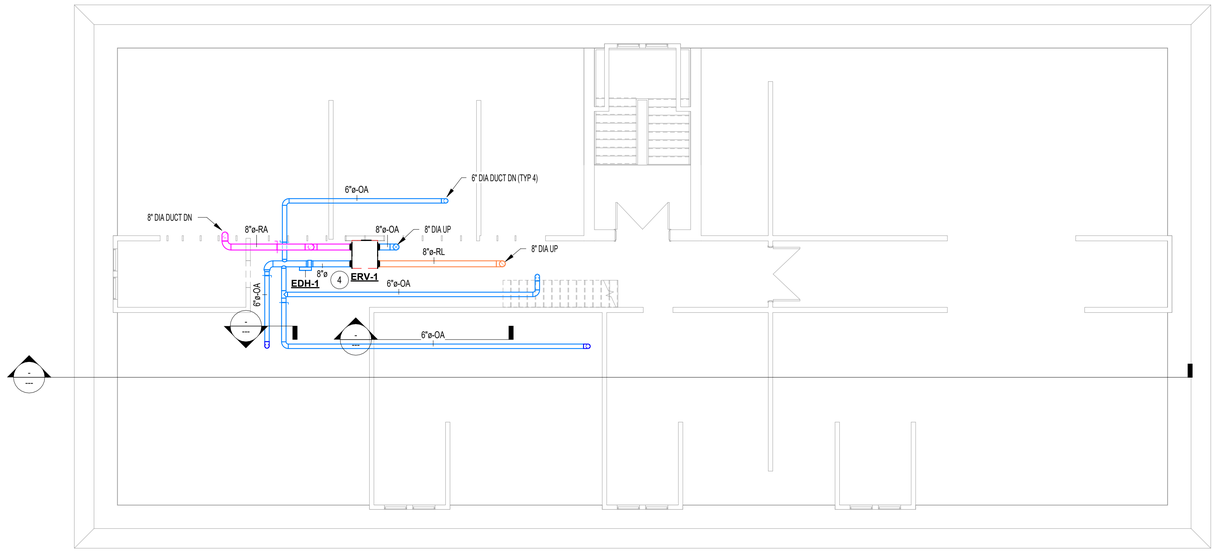
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TITLE:
THIRD FLOOR
MECHANICAL PLAN

SHEET NUMBER
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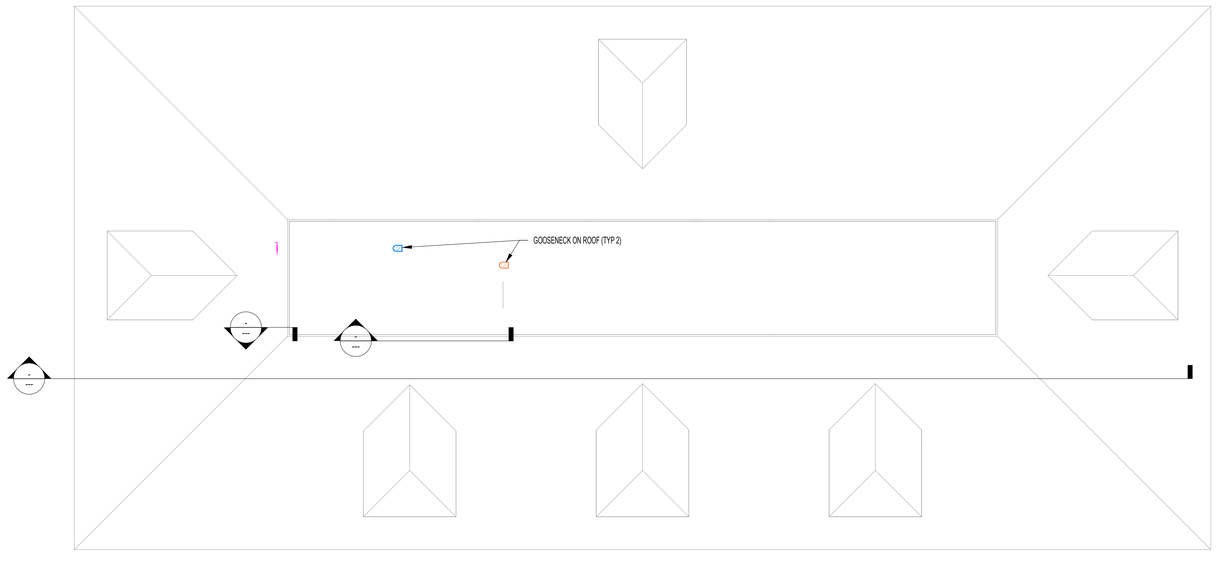
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2 ATTIC FLOOR PLAN

1/8" = 1'-0"



1 ROOF PLAN

1/8" = 1'-0"

MECHANICAL GENERAL NOTES:

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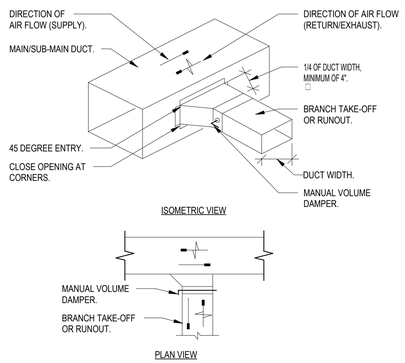
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TITLE:
ATTIC & ROOF MECHANICAL PLAN

SHEET NUMBER
M104

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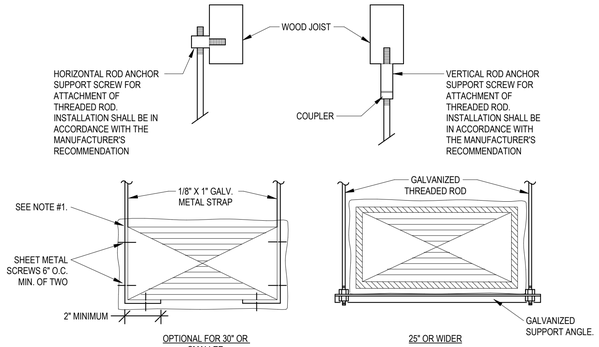


ISOMETRIC VIEW

PLAN VIEW

NOTE:
ALL INSULATED SUPPLY AND RETURN DUCTWORK SHALL BE FURNISHED AND INSTALLED WITH STAND-OFF MOUNTING BRACKETS FOR VOLUME/BALANCING DAMPER OPERATORS. ALLOW CLEARANCE BETWEEN DUCT AND OPERATOR OF NOT LESS THAN INSULATION THICKNESS.

5 DUCT TAKE OFF
NOT TO SCALE



OPTIONAL FOR 30" OR SMALLER

25" OR WIDER

DUCT WIDTH	ROD DIA.	SUPPORT ANGLE OR EQUIV. CHANNEL	MAXIMUM SPACING	MAXIMUM AREA *
UP TO 30"	3/8"	1 1/2" X 1 1/2" X 1/8"	8'-0" O.C.	4 SQ. FT.
31" TO 42"	3/8"	1 1/2" X 1 1/2" X 1/8"	6'-0" O.C.	10 SQ. FT.
43" TO 60"	1/2"	1 1/2" X 1 1/2" X 1/8"	6'-0" O.C.	10 SQ. FT.
61" TO 84"	1/2"	2" X 2" X 1/4"	4'-0" O.C.	-------
85" AND UP	1/2"	2" X 2" X 1/4"	4'-0" O.C.	-------

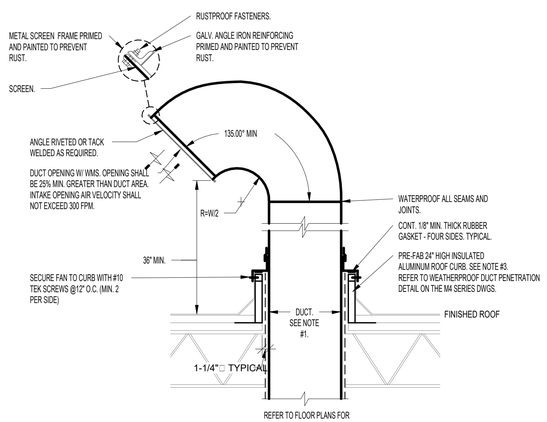
* REDUCE SPACING TO NEXT SMALLER INTERVAL IF DUCT AREA EXCEEDS MAXIMUM.

NOTES:
1. HANGERS MUST NOT DEFORM DUCT SHAPE.
2. STRAPS AND RODS SHALL BE GALV. STEEL.
3. WHERE HANGERS ARE INSTALLED UNDER THE INSULATION AND PENETRATE THROUGH THE INSULATION, SEAL ALL PENETRATIONS WITH APPROVED SEALING MASTIC. BUILD-UP MASTIC AT BASE (PENETRATION) AND EXTEND AND TAPER BEYOND PENETRATION TO A MIN. OF 6".

4 RECTANGULAR DUCT SUPPORT
NOT TO SCALE

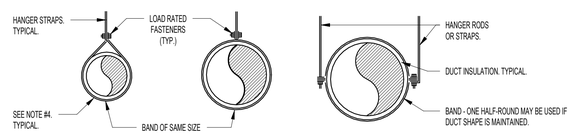
NOTES:
1. SPECIFICATIONS EXCEED SMACNA STANDARDS IN SOME INSTANCES.
2. SMACNA SHALL BE CONSIDERED THE MINIMUM STANDARD UNLESS OTHERWISE INDICATED.

3 RECTANGULAR DUCT CONSTRUCTION
NOT TO SCALE



NOTE:
1. REFER TO FLOOR PLANS FOR SIZING AND CONTINUATION. ALL INTAKE AIR DUCTWORK AND ALL APPURTENANCES THEREOF SHALL BE ALUMINUM. ALL EXHAUST AIR DUCTWORK AND ALL APPURTENANCES THEREOF SHALL BE GALVANIZED.
2. INTAKE AIR GOOSENECKS SHALL BE LOCATED A MINIMUM OF 10'-0" HORIZONTALLY FROM ALL EXHAUST DISCHARGES AND PLUMBING VENTS.
3. WHEN THE GOOSENECK IS TO BE INSTALLED ON A PITCHED ROOF, THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE CURB MANUFACTURER TO PROVIDE A PITCHED CURB TO MATCH THE PITCH OF THE ROOF. THE GOOSENECK SHALL BE INSTALLED LEVEL AND PLUMB. THE CURB SHALL BE COMPATIBLE WITH THE ROOF TYPE. COORDINATE WITH THE ARCHITECTURAL DRAWINGS

2 GRAVITY INTAKE/EXHAUST GOOSENECK
NOT TO SCALE



24" DIA. MAX. 50" DIA. MAX. 51" DIA. OR GREATER

DUCT DIA.	ROD DIA.	STRAP	MAXIMUM SPACING
UP TO 10"	1/4"	1" x 22 GA.	12'-0" O.C.
11" - 18"	1/4"	1" x 22 GA.	12'-0" O.C.
19" - 24"	1/4"	1" x 22 GA.	12'-0" O.C.
25" - 36"	3/8"	1" x 20 GA.	12'-0" O.C.
37" - 50"	(2) 3/8"	(2) 1" x 20 GA.	12'-0" O.C.
51" - 60"	(2) 3/8"	(2) 1" x 18 GA.	12'-0" O.C.
61" - 84"	(2) 3/8"	(2) 1" x 16 GA.	12'-0" O.C.

NOTES:
1. HANGERS MUST NOT DEFORM DUCT SHAPE.
2. STRAPS AND RODS SHALL BE GALV. STEEL. REFER TO "RECTANGULAR DUCT SUPPORT DETAIL" FOR ATTACHING DUCTWORK TO THE BUILDING STRUCTURE.
3. WHERE HANGERS ARE INSTALLED UNDER THE INSULATION AND PENETRATE THROUGH THE INSULATION, SEAL ALL PENETRATIONS WITH APPROVED SEALING MASTIC. BUILD-UP MASTIC ON THE HANGER AT BASE (PENETRATION) AND EXTEND AND TAPER UP THE HANGER TO A MIN. OF 6".

1 ROUND DUCT SUPPORT
NOT TO SCALE

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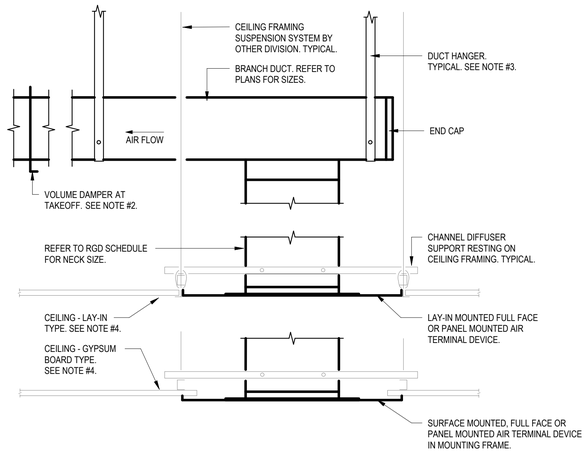
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MECHANICAL DETAILS

SHEET NUMBER
M501

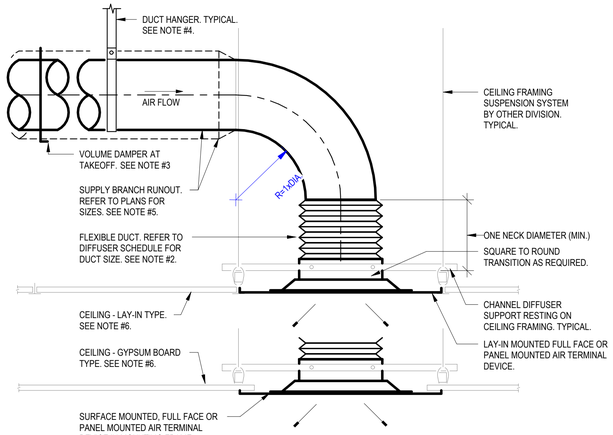
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NOTES:
1. PRIMARY INSTALLATION FOR AIR TERMINALS. PROVIDE ALL AIR TERMINAL DEVICES WITH OPPOSED BLADE DAMPERS.
2. WHERE BRANCH VOLUME DAMPERS EXIST ABOVE INACCESSIBLE CEILINGS THEY SHALL BE CABLE OPERATED. THE DAMPER OPERATORS CAN BE LOCATED IN THE CEILING OR OTHER NEARBY BUILDING SURFACES. REFER TO MANUFACTURER'S WRITTEN INSTRUCTIONS FOR RESTRICTIONS ON THE OPERATOR LOCATIONS. THE MECH. CONTRACTOR SHALL COORDINATE OPERATOR LOCATIONS WITH THE GC.
3. REFER TO "RECTANGULAR DUCT SUPPORT DETAIL" FOR ATTACHING DUCTWORK TO THE BUILDING STRUCTURE.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILIING TYPE AND AIR TERMINAL LOCATIONS.

2 CEILING AIR TERMINAL PRIMARY INSTALLATION
NOT TO SCALE



NOTES:
1. PRIMARY INSTALLATION FOR AIR TERMINALS. PROVIDE ALL AIR TERMINAL DEVICES WITH OPPOSED BLADE DAMPERS.
2. FLEXIBLE DUCT SHALL BE INSTALLED IN STRAIGHT RUNS WITH NO BENDS AND WITH MINIMAL OFFSET. THE AMOUNT OF OFFSET SHALL NOT EXCEED (NECK DIAMETER/8). THE FLEXIBLE DUCT LENGTH SHALL NOT EXCEED 2'-0".
3. WHERE BRANCH VOLUME DAMPERS EXIST ABOVE INACCESSIBLE CEILINGS THEY SHALL BE CABLE OPERATED. THE DAMPER OPERATORS CAN BE LOCATED IN THE CEILING OR OTHER NEARBY BUILDING SURFACES. REFER TO MANUFACTURER'S WRITTEN INSTRUCTIONS FOR RESTRICTIONS ON THE OPERATOR LOCATIONS. THE MECH. CONTRACTOR SHALL COORDINATE OPERATOR LOCATIONS WITH THE GC.
4. REFER TO "RECTANGULAR DUCT SUPPORT DETAIL" FOR ATTACHING DUCTWORK TO THE BUILDING STRUCTURE.
5. WHERE THE RUNOUT SIZE EXCEEDS THE AIR TERMINAL NECK DIAMETER, THE MECHANICAL CONTRACTOR SHALL PROVIDE A TRANSTION, IN THE POSITION INDICATED, JUST UPTREAM OF THE ELBOW DOWN TO THE AIR TERMINAL. REFER TO THE SCHEDULE FOR THE AIR TERMINAL NECK SIZES.
6. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILIING TYPE AND AIR TERMINAL LOCATIONS.
7. CEILING DIFFUSERS SHALL BE 4-WAY BLOW, UON. PROVIDE MOLDED INSULATED BLANKET ON TOP OF DIFFUSER.

1 CEILING AIR TERMINAL PRIMARY INSTALLATION
NOT TO SCALE

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ENERGY RECOVERY VENTILATORS

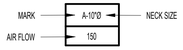
MARK	MANUFACTURER	MODEL	LOCATION	SERVES	OUTSIDE AIR			EXHAUST AIR			SUMMER PERFORMANCE					WINTER PERFORMANCE					ELEC DATA				WEIGHT (LBS)	REMARKS
					AIRFLOW (CFM)	ESP (IN WC)	DRIVE TYPE	AIRFLOW (CFM)	ESP (IN WC)	DRIVE TYPE	OA (DB/WB)	SA (DB/WB)	RA (DB/WB)	TOTAL HEAT RECOVERED (BTUH)	TOTAL RECOVERY EFFECTIVENESS (%)	OA (DB/WB)	SA (DB/WB)	RA (DB/WB)	TOTAL HEAT RECOVERED (BTUH)	TOTAL RECOVERY EFFECTIVENESS (%)	VOLTS	PHASE	WATTS	MOP		
ERV-1	RENEWAIRE	EV PREMIUM + M	ATTIC	3RD FLOOR OFFICES	130	0.5	DIRECT	130	0.5	DIRECT	90.1/73.3	79.3/68.1	75.0/62.5	2596	51.1	8.5/5.5	52.4/41.5	70.0/54.4	7825	66.2	120	1	220	15	36	ALL

REMARKS:
1. PROVIDE WITH VARIABLE SPEED ECM MOTORS, MOTORIZED OA AND EA DAMPERS, AND NONFUSED DISCONNECT SWITCH. PROVIDE LOW-VOLTAGE CIRCUIT CONTROLS.
2. PROVIDE WITH MERV 13 FILTERS ON OUTSIDE AIR AND MERV 8 FILTERS ON RETURN AIR.
3. PROVIDE THE FOLLOWING ACCESSORIES: 6 INCH BACKDRAFT DAMPER, DUCT MOUNTED CARBON DIOXIDE SENSOR AND CONTROL, WALL MOUNTED BACNET FAN CONTROL, AND ONBOARD DIGITAL CONTROLLER WITH INDEPENDENT VARIABLE SPEEDS, FACTORY MTD FILTER ALARMS - BOTH AIRSTREAMS, DOUBLE WALL CONSTRUCTION, BACKDRAFT DAMPER AND GALV. WALL CAP W/ WMS FOR OA INTAKE AND EA DISCHARGE.
4. INSTALL ALL SHIPPED LOOSE ITEMS IN ACCORDANCE WITH MANUF. INSTALLATION INSTRUCTIONS.
5. SELECTIONS SCHEDULED ARE BASIS OF DESIGN. APPROVED EQUAL PRODUCTS BY GREENHECK AND RUSKIN, PROVIDED THEY MEET OR EXCEED THE BASIS OF DESIGN PERFORMANCE AND SPECIFICATIONS.

AIR DEVICE

MARK	MANUFACTURER	MODEL	SERVICE	MATERIAL	MOUNTING TYPE	MAX NC LEVEL	COLOR	SIZE		DAMPER	REMARKS
								FACE	NECK		
A	TITUS	TMS-AA	SUPPLY	ALUMINUM	SURFACE / FULL FACE	30	WHITE	24X24	SEE TAG	OBD	ALL
B	TITUS	350FL	RETURN	ALUMINUM	LAY IN / PANEL	30	WHITE	24X24	SEE TAG	OBD	ALL

REMARKS:
1. SEE DIFFUSER CONNECTION DETAIL.
2. TYPE #3, FULL FACE, (GRID MOUNTING).
3. PROVIDE FACTORY MOLDED INSULATION BLANKET (R-6) FOR THE CEILING DIFFUSER.
4. SELECTIONS SCHEDULED ARE BASIS OF DESIGN. APPROVED EQUAL PRODUCTS BY METALAIRE OR PRICE, PROVIDED THEY MEET OR EXCEED THE BASIS OF DESIGN PERFORMANCE AND SPECIFICATIONS.



ELECTRIC DUCT HEATER

MARK	MANUFACTURER	MODEL	DUCT SIZE	VOLTS	PHASE	WATTS	REMARKS
EDH-1	RENEWAIRE	RHD1120-6	6 IN	0 V	1	1 kW	ALL

REMARKS:
1. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECCOMENDATIONS.
2. PROVIDE WITH FOLLOWING ACCESSORIES: NON-FUSED DISCONNECT SWITCH, OPEN-COIL ELEMENT WITH NICKEL-CHROME ELEMENT WIRE, INTEGRAL THERMOSTAT, AUTOMATIC LIMIT SWITCH FOR PRIMARY OVER-TEMPERATURE PROTECTION AND MANUAL RESET LIMIT SWITCH FOR SECONDARY OVER-TEMPERATURE PROTECTION, AIRFLOW SENSOR, STANDARD 24 VAC CONTROL TRANSFORMER, HIGH-VOLTAGE TERMINAL BLOCK CONENCTIONS, GROUNDING LUG, CORROSION-RESISTANT GALVANIZED STEEL, ROUND DUCT COLLARS, AND MOUNTING FLANGES.
3. SELECTIONS SCHEDULED ARE BASIS OF DESIGN. APPROVED EQUAL PRODUCTS BY GREENHECK, PROVIDED THEY MEET OR EXCEED THE BASIS OF DESIGN PERFORMANCE AND SPECIFICATIONS.

HVAC CODE COMPLIANCE NOTES:

1. HEATING AND COOLING IS CONTROLLED BY A THERMOSTAT CONTROL. MINIMUM OF ONE HUMIDITY CONTROL DEVICE PER INSTALLED HUMIDIFICATION / DEHUMIDIFICATION SYSTEM
2. ALL INSTALLED HVAC SYSTEMS TO INCLUDE OPTIMUM START CONTROLS.
3. INSULATE ALL PIPING EXPOSED TO WEATHER. INSULATION TO PROTECT FROM DAMAGE DUE TO SUN, MOISTURE, WIND, ETC.
4. THERMOSTATIC CONTROLS TO HAVE A 5°F DEADBAND.
5. TEMPERATURE CONTROLS TO HAVE SETPOINT OVERLAP RESTRICTIONS.
6. EQUIP EACH ZONE WITH SETBACK CONTROLS USING PROGRAMMABLE CONTROL SYSTEM.
7. AUTOMATIC CONTROLS: SETBACK TO 55°F (HEAT) AND 85°F (COOL), 7-DAY CLOCK, 2-HOUR OCCUPANT OVERRIDE, 10-HOUR BACKUP.

REFER TO BOOK SPECIFICATIONS FOR MORE INFORMATION.

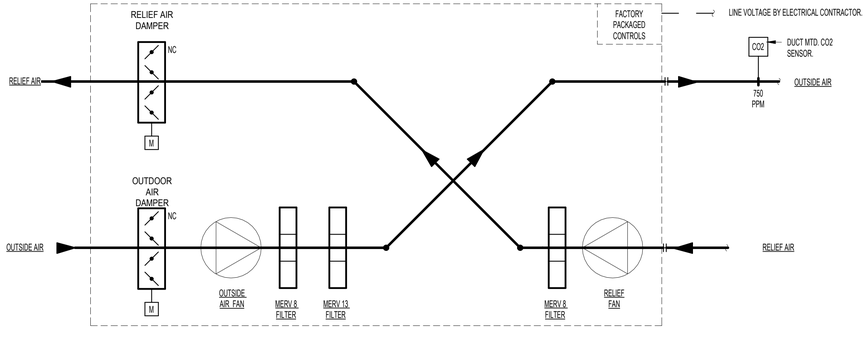
SEQUENCE OF OPERATIONS:

1. ENERGY RECOVERY VENTILATORS: (ERV)
   1. THE ERV SHALL BE ENABLED AND RUN CONTINUOUSLY WHEN IN "OCCUPIED MODE" AND DISABLED WHEN IN "UNOCCUPIED MODE".
      A. THE ERV SHALL OPERATE VIA ITS INTERNAL CONTROLS. WHEN ENERGIZED IT SHALL RUN IN A CONTINOUS OPERATION..
      B. THE ELECTRIC DUCT HEATER SHALL BE ENABLED AND THEN STAGED/MODULATED TO MAINTAIN 45 DEGREES F MAX.
         1. THE ELEC. HEATING COIL SHALL BE ENABLED WHENEVER:
            a. OUTSIDE AIR TEMPERATURE IS GREATER LESS THAN THAN 50°F.
            B. THE SUPPLY AND EXHAUST FAN STATUS ARE ON.
   2. ALARMS:
      A. SPACE TEMPERATURE:
         1. HIGH ZONE TEMP. IF THE ZONE TEMPERATURE IS GREATER THAN THE COOLING SETPOINT BY A USER DEFINABLE AMOUNT (ADJ.).
         2. LOW ZONE TEMP: IF THE ZONE TEMPERATURE IS LESS THAN THE HEATING SETPOINT BY A USER DEFINABLE AMOUNT (ADJ.).
      B. FILTER DIFFERENTIAL PRESSURE MONITOR: THE CONTROLLER SHALL MONITOR THE DIFFERENTIAL PRESSURE ACROSS THE FILTER.
         1. ALARMS SHALL BE PROVIDED AS FOLLOWS: FILTER CHANGE REQUIRED: FILTER DIFFERENTIAL PRESSURE EXCEEDS A USER DEFINABLE LIMIT (ADJ.)
      C. DISCHARGE AIR TEMPERATURE: THE CONTROLLER SHALL MONITOR THE DISCHARGE AIR TEMPERATURE.
         1. ALARMS SHALL BE PROVIDED AS FOLLOWS:
            a. HIGH DISCHARGE AIR TEMP: IF THE DISCHARGE AIR TEMPERATURE IS GREATER THAN 120°F (ADJ.).
            b. LOW DISCHARGE AIR TEMP: IF THE DISCHARGE AIR TEMPERATURE IS LESS THAN 40°F (ADJ.).
      D. FAN STATUS: THE CONTROLLER SHALL MONITOR THE FAN STATUS.
         1. ALARMS SHALL BE PROVIDED AS FOLLOWS:
            a. FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF.
            b. FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON.
   3. RUN CONDITIONS - SCHEDULED: THE UNIT SHALL RUN ACCORDING TO A USER DEFINABLE TIME SCHEDULE IN THE FOLLOWING MODES:
      A. SPACE TEMPERATURE SETPOINTS:
         1. OCCUPIED: 75°F DB @ 50% RH (SUM.), 70°F (WIN.).
         2. UNOCCUPIED: 85°F DB (SUM.), 55°F DB (WIN.)
         3. THERMOSTATIC CONTROLS SHALL HAVE A 5°F DEADBAND.
      B. THE SPACE TEMPERATURE SET POINT CAN BE ADJUSTED:
         1. LOCALLY AT THE CONTROLLER.
         2. REMOTELY AT THE ROOM SENSOR
      C. ALARMS SHALL BE PROVIDED AS FOLLOWS:
         1. HIGH ZONE TEMP: IF THE ZONE TEMPERATURE IS GREATER THAN THE COOLING SETPOINT BY A USER DEFINABLE AMOUNT (ADJ.).
         2. LOW ZONE TEMP: IF THE ZONE TEMPERATURE IS LESS THAN THE HEATING SETPOINT BY A USER DEFINABLE AMOUNT (ADJ.).
      D. HEATING SHALL BE ENABLED WHENEVER:
         1. OUTSIDE AIR TEMPERATURE IS LESS THAN 60°F (ADJ.).
         2. AND THE SPACE TEMPERATURE IS BELOW HEATING SETPOINT.
         3. AND THE SUPPLY FAN STATUS IS ON.
   4. UNIT CONTROLS:
      A. UNIT SHALL HAVE THE CAPACITY TO OPERATE CONTINUOSLY WITHOUT THE NEED FOR BYPASS, RECIRCULATION, PRE-HEATERS, OR DEFROST CYCLES UNDER NORMAL OPERATING CONDITIONS.
      B. UNIT SHALL BE CAPABLE OF OPERATING CONTINUOSLY AT THE LOW AIRFLOW SETTING WITH THE ABILITY TO GO TEMPORARILY TO THE HIGH AIRFLOW BOOST MODE WHEN ENERGIZD BY ONE OF THE FOLLOWING:
         1. CARBON DIOXIDE SENSOR
      C. UNIT SHALL HAVE HAVE ALERTS WITH ON UNIT LEDS TO INDICATE FAULTS WITH UNIT AND WHEN FILTER REPLACEMENT IS NEEDED.

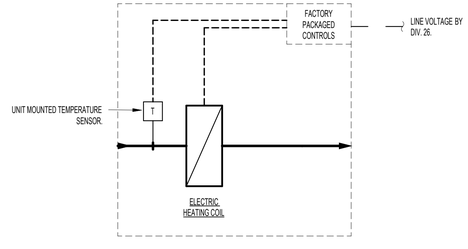
CONTROLS SYMBOL LIST

SYMBOL	DESCRIPTION
	HEATING (OR COOLING) COIL
	OPPOSED BLADE DAMPER
	FAN (OR PUMP)
T#	DUCT/PIPE TEMPERATURE SENSOR
NO	NORMALLY OPEN
NC	NORMALLY CLOSED
M	ELECTRIC MOTOR
ESS	EMERGENCY SHUTDOWN SWITCH
CO2	DUCT CARBON DIOXIDE SENSOR

NOTES:
1. REFER TO DRAWING M0.01 FOR STANDARD SYMBOLS AND ABBREVIATIONS.



ENERGY RECOVERY VENTILATOR



ELECTRIC DUCT HEATER

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Engineering
Environmental
Land Surveying
BL Companies
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Meriden , CT 06450
(203) 630-1406
(203) 630-2615 Fax

URI - WASHBURN HALL
75 BRIAR LANE
KINGSTON, RHODE ISLAND 02881

REVISIONS

NO	DESCRIPTION	DATE

DESIGNED:	RF/LF
DRAWN:	RF/LF
REVIEWED:	JV
PROJECT NO.:	2503449
DATE:	10/21/2026
ISSUED FOR:	BID

TITLE:
MECHANICAL SCHEDULES

SHEET NUMBER
M601

10/22/2026 9:23:53 AM C:\Users\lfeam\Documents\2503449_URI_Washburn Hall_MEP_R24_lfeam5XVQ7.rvt

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ELECTRICAL GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH AND SHALL CONFORM IN ALL ASPECTS TO THE NATIONAL ELECTRICAL CODE (NFPA CODES & LOCAL BUILDING CODES).
2. ALL PERMITS, LICENSES AND CERTIFICATES COVERING THE COMPLETE INSTALLATION OF THE ELECTRICAL WORK SHALL BE OBTAINED AND PAID FOR BY THE ELECTRICAL CONTRACTOR.
3. THESE DRAWINGS ARE DIAGRAMMATIC ONLY; EXACT LOCATIONS OF ALL CONDUIT, ETC. MUST BE FIELD DETERMINED AND RUN TO AVOID OBSTRUCTIONS AND MECHANICAL EQUIPMENT.
4. **SITE VISITATION - PRIOR TO SUBMITTING A BID FOR HIS WORK, THE CONTRACTOR SHALL VISIT THE SITE TO INSPECT THE NATURE AND EXTENT OF THE EXISTING CONDITIONS AND EQUIPMENT, AND DETERMINE HOW THEY WILL AFFECT THE INSTALLATION OF ELECTRICAL WORK. NO ADDITIONAL PAYMENT IN EXCESS OF THE CONTRACT PRICE WILL BE AUTHORIZED FOR "EXTRA" WORK PERFORMED DUE TO EXISTING CONDITIONS WHICH ARE OBVIOUS UPON INSPECTION.**
5. WORKMANSHIP: ONLY THE BEST IN WORKMANSHIP IN ACCORDANCE WITH PRESENT STANDARDS WILL BE ACCEPTABLE ANY WORK INSTALLED AND ADJUDGED BY THE ENGINEER TO BE BELOW STANDARDS SHALL BE TAKEN OUT AND REPLACED WITH PROPERLY DONE WORK AT CONTRACTOR'S EXPENSE.
6. SUBSTITUTIONS OF EQUIPMENT: SPECIFIED PRODUCTS SHALL BE USED AS THE BASIS OF BID AND SHALL BE PROVIDED; WHERE 2 OR MORE MANUFACTURERS ARE LISTED, THE CHOICE IS AT THE CONTRACTOR'S OPTION. AN APPROVED EQUAL SHALL BE DETERMINED BY ENGINEER.
7. AT THE COMPLETION OF THE JOB, IT WILL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO TURN OVER TO THE BUILDING MANAGER AN AS-BUILT-DRAWING IN REPRODUCIBLE FORM. THIS DRAWING DOES NOT HAVE TO BE MADE FROM SCRATCH; THE CONTRACT REFLECTED CEILING AND POWER PLANS MAY BE USED AS BACKGROUNDS WITH THE ACTUAL CIRCUITING CHANGES ADDED.
8. WORK NOT INCLUDED IN CONTRACT (N.I.C.'), ANY WIRING OR EQUIPMENT NOT TO BE FURNISHED BY CONTRACTOR SHALL BE INDICATED ON PLANS AS N.I.C.
9. GUARANTEE: CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT AND WIRING TO BE FREE FROM INHERENT MECHANICAL AND ELECTRICAL DEFECTS FOR A PERIOD OF ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION OF PROJECT. ALL DEFECTS SHALL BE REPAIRED, DURING THIS PERIOD, AT NO CHARGE TO OWNER (MISUSE OR ABUSE CAUSED PROBLEMS EXCEPTED).
10. PRIOR TO THE CONTRACTOR BEING RELEASED FROM ALL OBLIGATIONS, HE WILL OBTAIN AND TURN OVER TO THE BUILDING MANAGER THE ORIGINAL COPY OF THE "CERTIFICATE OF ELECTRICAL INSPECTION".
11. CONTRACTOR MUST PRODUCE A LETTER ATTESTING THAT WORK HAS BEEN COMPLETED TO THE SATISFACTION OF THE BUILDING MANAGER WHO WILL CONFIRM HIS ACCEPTANCE BY AFFIXING HIS SIGNATURE TO THE LETTER IN A SPACE PROVIDED FOR THIS PURPOSE. WORK WILL NOT BE CONSIDERED AS BEING COMPLETE WITHOUT THIS LETTER.
12. ALL CORE-BORING, BACKFILLING AND RESURFACING REQUIRED FOR THE ELECTRICAL WORK SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
13. ALL CUTTING PATCHING AND REFINISHING OF WALLS, FLOORS & CEILINGS REQUIRED FOR THE ELECTRICAL WORK SHALL BE PROVIDED FOR BY THE ELECTRICAL CONTRACTOR.
14. CONTRACTOR SHALL SEAL ALL ELECTRICAL PENETRATIONS THRU FIRE RATED PARTITIONS WITH FIRE RATED MATERIAL EQUAL TO DOW CORNING SILICONE RTV FOAM AS A MINIMUM. MATERIAL SELECTION SHALL BE BASED ON RATING OF PARTITION PENETRATED.
15. ALL WIRING SHALL BE WITH COPPER CONDUCTORS UNLESS OTHERWISE NOTED.
16. PROVIDE INSULATED GROUNDING CONDUCTOR IN ALL CONDUITS AND CABLE ASSEMBLIES..
17. UNLESS OTHERWISE NOTED, MINIMUM WIRE SIZE SHALL BE #12 AWG, THWN OR THHN; MINIMUM CONDUIT SIZE SHALL BE 3/4"C. UNLESS OTHERWISE SPECIFIED 20A, 120/208V WIRING SHALL BE 2#12, #12G.
18. ALL WIRING SHALL BE CONCEALED AND RUN IN WALLS OR ABOVE CEILINGS. WIRE MOLDING AND EXPOSED CONDUIT IS NOT PERMITTED.
19. STEEL JACKETED METAL CLAD CABLE, "MC CABLE" IS ACCEPTABLE ON THIS PROJECT AND MAY BE USED AS APPROVED BY NEC, WHERE RUN CONCEALED IN WALLS, ABOVE CEILINGS, OR IN BASEMENTS.
20. ALL 15A/20A, 120V HOMERUNS GREATER THAN 75' SHALL BE #10AWG MINIMUM; GREATER THAN 120' SHALL BE #8AWG MINIMUM. ALL 15A/20A 277V HOMERUNS GREATER THAN 175' SHALL BE #10AWG MINIMUM; GREATER THAN 280' SHALL BE #8AWG MINIMUM. EC SHALL PERFORM VOLTAGE DROP CALCULATIONS FOR BRANCH CIRCUITS LONGER THAN SPECIFIED ABOVE AS PER NEC.
21. ALL WIRE IN CEILING MUST BE PLENUM RATED.
22. NO TELEPHONE WIRE SHALL BE RUN EXPOSED ON BASEBOARDS OR WALLS.
23. WIRING FOR LOW VOLTAGE SYSTEMS SHALL BE RUN CONCEALED WITHIN WALLS AND ABOVE CEILINGS.
24. COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS OF EQUIPMENT AND DEVICES WITH ARCHITECT.
25. ALL EQUIPMENT AND DEVICES SHALL BE NEW & BEAR U.L. LABEL. ALL DEVICES SHALL BE "SPECIFICATION" GRADE.
26. CONTRACTOR SHALL FIELD VERIFY NAMEPLATE LOADS OF ALL EQUIPMENT (MECHANICAL AND OWNER SUPPLIED) TO INSURE PROPER WIRE SIZING AND OVERCURRENT PROTECTION AND SHALL NOTIFY ENGINEER OF DISCREPANCIES.
27. THE ELECTRICAL CONTRACTOR SHALL INSURE FINAL COORDINATION OF THE MANUFACTURERS RECOMMENDED FUSE SIZES FOR THE INSTALLED MECHANICAL EQUIPMENT WITH THE SIZE DISCONNECT PRIOR TO OR DURING ROUGH-IN. ADVISE ENGINEER IF CHANGES IN THE FINAL SELECTION OF MECHANICAL EQUIPMENT HAS IMPACTED DISCONNECT SWITCH, BREAKER OF CONDUCTOR SIZES.
28. ALL SUPPLEMENTARY STEEL REQUIRED FOR ELECTRICAL WORK SHALL BE PROVIDED BY THE CONTRACTOR.
29. ELECTRICAL CONTRACTOR TO COORDINATE EXACT PLACEMENT OF ALL DEVICES SHOWN ON THE ELECTRICAL CONSTRUCTION DOCUMENTS WITH ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS PRIOR TO FINAL PLACEMENT.
30. THE ELECTRICAL CONTRACTOR SHALL, PRIOR TO ROUGH-IN, VERIFY ALL HVAC AMPERAGES, PHASES AND VOLTAGES AGAINST PLAN REQUIREMENTS AND NOTIFY ENGINEER/ARCHITECT OF ANY DISCREPANCIES. FAILURE TO VERIFY AND NOTIFY ENGINEER/ARCHITECT PRIOR TO ROUGH-IN SHALL RESULT IN THE ELECTRICAL CONTRACTOR ASSUMING RESPONSIBILITY FOR DESIGN AND INSTALLATION REQUIREMENTS.
31. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND DETAILS FOR THE EXACT LOCATION OF ALL LIGHTING FIXTURES AND ANY OTHER EQUIPMENT INSTALLED TO THE CEILING SYSTEM. VERIFY EXACT MOUNTING HEIGHTS AND FINISHES WITH ARCHITECT PRIOR TO ROUGH-IN.
32. CONTRACTOR SHALL COORDINATE INSTALLATION OF ELECTRICAL WORK ABOVE THE CEILING TO PROVIDE THE GREATEST POSSIBLE CLEARANCE FOR INSTALLATION OF PLUMBING AND MECHANICAL INSTALLATION. CONDUIT RUNS TO BE THROUGH OR ABOVE TRUSSES WHERE POSSIBLE.
33. HANGING OF LIGHT FIXTURES IS TO BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, STATE AND LOCAL BUILDING CODES AND SEISMIC REQUIREMENTS.
34. WHERE CONFLICT EXISTS BETWEEN DRAWINGS OR BETWEEN DRAWINGS AND SPECIFICATIONS, THE MOST RESTRICTIVE, THE MOST EXPENSIVE REQUIREMENT SHALL APPLY.
35. CONTRACTOR SHALL FURNISH AND INSTALL INFRASTRUCTURE FOR ALL TELECOM EQUIPMENT AND TELECOM DEVICES. COORDINATE WITH IT DEPARTMENT FOR REQUIREMENTS.
36. MAINTAIN MINIMUM CLEAR HEIGHT, AS DEFINED BY TENANT/ARCHITECT, BELOW ALL CEILING MOUNTED HVAC EQUIPMENT, FIRE PROTECTION SYSTEMS AND LIGHTING.
37. NO ITEMS OR OBSTRUCTIONS SHALL BE INSTALLED BELOW SET CLEAR HEIGHT WITHOUT WRITTEN APPROVAL OF TENANT (CLEAR HEIGHT SHALL BE VERIFIED WITH TENANT/ARCHITECT PRIOR TO START OF WORK).
38. ELECTRICAL COMPONENTS AND THEIR SUPPORTS SHALL BE INSTALLED IN ACCORDANCE WITH ASCE 7 SECTION 30.11 & 13.6 FOR SEISMIC/WIND CONNECTIONS AND GRAVITY SUPPORT.
39. PANEL DIRECTORIES SHALL BE COMPLETELY FILLED IN AT COMPLETION OF JOB PER NEC 408.4. (TYPED).
40. PLANS ARE DESIGNED IN ACCORDANCE WITH THE RHODE ISLAND 2023 ELECTRICAL CODE (2023 NEC).
41. PLANS ARE DESIGNED IN ACCORDANCE WITH THE RHODE ISLAND 2024 ENERGY CODE (2024 INTERNATIONAL ENERGY CONSERVATION CODE).

VOLTAGE DROP: THE CONTRACTOR SHALL BE RESPONSIBLE TO ADJUST SPECIFIED FEEDER AND BRANCH CIRCUIT REQUIREMENTS BASED ON THE FOLLOWING REQUIREMENTS:

1. FEEDERS SHALL BE SIZED FOR 2% VOLTAGE DROP, AND BRANCH CIRCUITS SHALL BE SIZED FOR 3% VOLTAGE DROP.
2. THE CONTRACTOR SHALL UTILIZE THE AS-BUILT LENGTHS FOR THE FEEDERS AND BRANCH CIRCUITS WHEN CALCULATING ASSOCIATED VOLTAGE DROP.
3. THE FEEDER AMPERES SHALL BE BASED ON THE FULL LOAD AMPERES OF THE UTILIZATION EQUIPMENT SERVED.
4. THE FEEDER AMPERES FOR PANELBOARDS SHALL BE BASED ON 70% OF THE TRIP SETTING FOR THAT PANELBOARD.
5. WIRING FOR LIGHTING AND RECEPTACLE BRANCH CIRCUITS SHALL BE SIZED IN ACCORDANCE WITH ELECTRICAL GENERAL NOTE 17 ON E001.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INCREASING THE SIZE OF THE FEEDER AND/OR BRANCH CIRCUIT WIRING, AND ASSOCIATED CONDUIT AS REQUIRED TO MEET THE ABOVE VOLTAGE DROP REQUIREMENTS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE TO INCREASE THE SIZE OF THE EQUIPMENT GROUND CONDUCTOR, FOR FEEDERS AND/OR BRANCH CIRCUITS INCREASED IN SIZE DUE TO VOLTAGE DROP (AND/OR OTHER ADJUSTMENT REASONS), IN ACCORDANCE WITH NEC 250.122(B).
8. THE CONTRACTOR SHALL SUBMIT A SHOP DRAWING FOR THE FEEDERS INCREASED IN SIZE DUE TO VOLTAGE DROP FOR REVIEW AND APPROVAL. THE SHOP DRAWING SHALL INDICATE THE FEEDER AMPERES, THE FEEDER SIZE, THE CONDUIT SIZE, AND THE CALCULATED PERCENT VOLTAGE DROP.

POWER SYMBOL LEGEND

SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE. (18" A.F.F. UNLESS NOTED OTHERWISE).
	QUAD RECEPTACLE. (18" A.F.F. UNLESS NOTED OTHERWISE).
GFI	DUPLEX RECEPTACLE EQUIPPED WITH INTEGRAL GROUND FAULT INTERRUPTER. (18" A.F.F. UNLESS NOTED OTHERWISE).
WP	WEATHER PROOF DUPLEX RECEPTACLE. (18" A.F.F. UNLESS NOTED OTHERWISE).
CTR	DUPLEX RECEPTACLE. (10" ABOVE COUNTER UNLESS NOTED OTHERWISE).
MW	DUPLEX RECEPTACLE. (MICROWAVE REFER TO DRAWINGS FOR MOUNTING HEIGHTS).
REF	DUPLEX RECEPTACLE. (REFRIGERATOR MOUNT AT 42" UNLESS NOTED OTHERWISE).
TC	DUPLEX RECEPTACLE. (TIME CLOCK COORDINATE MOUNTING REQUIREMENTS WITH TELECOMMUNICATIONS PLANS).
WC	DUPLEX RECEPTACLE. (WATER COOLER GFI RECEPTACLE).
VM	DUPLEX RECEPTACLE. (VENDING MACHINE GFI RECEPTACLE. MOUNT AT 42" UNLESS NOTED OTHERWISE. COORDINATE EXACT RECEPTACLE CONFIGURATION WITH SUPPLIED VENDING EQUIPMENT).
	QUAD RECEPTACLE. (FLOOR MOUNTED).
ICE	DUPLEX RECEPTACLE. (ICE MACHINE RECEPTACLE. MOUNT AT 42" UNLESS NOTED OTHERWISE. COORDINATE EXACT RECEPTACLE CONFIGURATION WITH SUPPLIED VENDING EQUIPMENT).
D V	QUAD RECEPTACLE AND DATA FLOOR BOX. (WIREMOLD EVOLUTION SERIES TWO COMPARTMENT FLOOR BOX OR EQUAL. COORDINATE DATA REQUIREMENTS WITH TELECOMMUNICATION DRAWINGS).
	SURFACE RACEWAY.
J J	JUNCTION BOX
S_M	MOTOR RATED SWITCH
	SURFACE MOUNTED PANELBOARD
	RECESSED MOUNTED PANELBOARD
RC	ROOM CONTROLLER
	CONTROLLED BRANCH CIRCUIT WIRING.
	BRANCH CIRCUIT WIRING.
	HOME RUN.

TELECOM AND LOW VOLTAGE SYMBOL LEGEND

(NOT ALL SYMBOLS MAY APPEAR ON DRAWINGS)

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
▼	TEL / DATA OUTLET. (# INDICATES NUMBER OF DATA DROPS). COORDINATE FINAL LOCATIONS AND QUANTITIES WITH IT DEPARTMENT. 1-1/4" EMT CONDUITS SHALL BE THE MINIMUM SIZE INSTALLED WITH A 4 SQUARE DEEP BOX AND SINGLE GANG PLASTER RING. PROVIDE WIRING PER URI TECHNOLOGY INFRASTRUCTURE STANDARDS.	▽ WAP	WIRELESS AND STATION DROPS SHALL BE PANDUIT CATEGORY 6A/CLASS EA CABLE SHALL BE CONSTRUCTED OF 23 AWG COPPER CONDUCTORS WITH FEP PLENUM (CMP) INSULATION. THE COPPER CONDUCTORS SHALL BE TWISTED IN PAIRS. ALL FOUR PAIRS SHALL BE SURROUNDED BY A METALLIC VARI-MATRIX TAPE CUT INTO SEGMENTS OF VARYING LENGTH AND A FLAME-RETARDANT JACKET. THE VARI-MATRIX TAPE SHALL MINIMIZE THE CABLE DIAMETER 2300D AND SUPPRESS THE EFFECTS OF ALIEN CROSSTALK WHILE RETAINING UTP ELECTROMAGNETIC INTERFERENCE IMMUNITY CATEGORY 6A. PLENUM RATED, BLUE P/N PUP6AHD04BU-G. GENERAL CABLE P/N 7151849
▽	DATA OUTLET. (# INDICATES NUMBER OF DATA DROPS). COORDINATE FINAL LOCATIONS AND QUANTITIES WITH IT DEPARTMENT. 1-1/4" EMT CONDUITS SHALL BE THE MINIMUM SIZE INSTALLED WITH A 4 SQUARE DEEP BOX AND SINGLE GANG PLASTER RING. PROVIDE WIRING PER URI TECHNOLOGY INFRASTRUCTURE STANDARDS.		

FIRE ALARM SYMBOL LEGEND

SYMBOL	DESCRIPTION
F	MANUAL PULL STATION
	COMBINATION AUDIBLE AND VISUAL ALARM DEVICE
S	SMOKE DETECTOR
FACP	FIRE ALARM CONTROL PANEL

LIGHTING SYMBOL LEGEND

SYMBOL	DESCRIPTION
	RECESSED 2X4 LED LIGHT FIXTURE
	RECESSED 2X4 LED EMERGENCY LIGHT FIXTURE (FULL SHADED LUMINAIRE INDICATES NIGHT LIGHT)
	RECESSED 2X2 LED LIGHT FIXTURE
	RECESSED 2X2 LED EMERGENCY LIGHT FIXTURE (FULL SHADED LUMINAIRE INDICATES NIGHT LIGHT)
	RECESSED LED DOWN LIGHT FIXTURE
	RECESSED LED EMERGENCY DOWN LIGHT FIXTURE (FULL SHADED LUMINAIRE INDICATES NIGHT LIGHT)
	EXIT SIGN (NUMBER OF ILLUMINATED FACES AND DIRECTIONAL CHEVRONS INDICATED ON FLOOR PLAN)
S	SINGLE POLE TOGGLE SWITCH. (48" A.F.F. UNLESS NOTED OTHERWISE)
S_3	THREE WAY TOGGLE SWITCH. (48" A.F.F. UNLESS NOTED OTHERWISE).
S_{OC}	OCCUPANCY SWITCH, SENSOR SWITCH WSD SERIES. (48" A.F.F. UNLESS NOTED OTHERWISE).
S_D	DIMMING SWITCH, SENSOR SWITCH SPODMRD SERIES. (48" A.F.F. UNLESS NOTED OTHERWISE).
S_{D3}	THREE WAY DIMMING SWITCH, SENSOR SWITCH SPODMRD SERIES. (48" A.F.F. UNLESS NOTED OTHERWISE).
OC	CEILING MOUNT OCCUPANCY SENSOR
PP	LOW VOLTAGE POWER PACK
PE	DAYLIGHT HARVESTING PHOTOCELL.

ELECTRICAL DRAWING LIST

REV.	SHEET NO.	SHEET TITLE
	E001	ELECTRICAL SYMBOL LEGENDS, NOTES & ABBREVIATIONS
	E002	TELECOMMUNICATION NOTES
	ED101	BASEMENT FLOOR ELECTRICAL DEMOLITION PLAN
	ED102	SECOND & THIRD FLOOR ELECTRICAL DEMOLITION PLANS
	E101	BASEMENT & SECOND FLOOR POWER PLANS
	E102	THIRD FLOOR & ATTIC POWER PLANS
	E122	SECOND & THIRD FLOOR LIGHTING PLANS
	E501	DETAILS
	E502	DETAILS
	E601	PANELBOARD SCHEDULES
	E602	SCHEDULES & PARTIAL RISER DIAGRAM
	E603	PARTIAL FIRE ALARM RISER DIAGRAM & MATRIX

ELECTRICAL ABBREVIATIONS

(NOT ALL SYMBOLS MAY APPEAR ON DRAWINGS)

A			H	HVAC	HEATING, VENTILAITNG AND AIR CONDITIONING	S	TV	TELEVISION
A	A OR AMP	AMPERES	I			T		
A	AAC	ABOVE ACCESSIBLE CEILING	I	IG	ISOLATED GROUND	T	TC	TIME CLOCK
A	AC	ALTERNATING CURRENT	I	IMC	INTERMEDIATE METTALIC CONDUIT	T	TEL	TELEPHONE
A	ACT	ABOVE COUNTER TOP	J			T	TL	TWIST LOCK
A	AFF	ABOVE FINISHED FLOOR	J	J, JB	JUNCTION BOX	T	TYP	TYPICAL
A	AFG	ABOVE FINISHED GRADE	K			U		
A	AHJ	AUTHORITY HAVING JURISDICTION	K	KCMIL	1000 CIRCULAR MILLS	U	UF	UNDERFLOOR
A	AHU	AIR HANDLING UNIT	K	KV	KILOVOLTS	U	UG	UNDERGROUND
A	AIC	INTERRUPTING CAPACITY (RMS SYM. AMPS)	K	KVA	KILOVOLT AMPERES	U	UL	UNDERWRITERS LABORATORIES
A	AIP	AI PHONE	K	KW	KILOWATTS	U	UP	UP
A	ATS	AUTOMATIC TRANSFER SWITCH	L			U	UTP	UNSHIELDED TWISTED PAIR
B			L	LCP	LIGHTING CONTROL PANEL	V		
B	BFG	BELOW FINISHED GRADE	L	LRA	LOCKED ROTOR AMPS	V	V	VOLTS
B	BKBD	BACKBOARD	M			V	VFD	VARIABLE FREQUENCY DRIVE
C			M	MCA	MINIMUM CIRCUIT AMPS	V	VM	VENDING MACHINE
C	C OR COND	CONDUIT	M	MCB	MAIN CIRCUIT BREAKER	V	VP	VAPORPROOF
C	CT	CURRENT TRANSFORMER	M	MCC	MOTOR CONTROL CENTER	V	VSD	VARIABLE SPEED DRIVE
C	CB, C/B	CIRCUIT BREAKER	M	MCM	1000 CIRCULAR MILLS	W		
C	CFA	CALL FOR ASSISTANCE	M	MD	MOTORIZED DAMPER	W	W/	WITH
C	CLG	CEILING	M	MDP	MAIN DISTRIBUTION PANEL	W	WC	WATERCOOLER
C	CP	CONDENSATE PIPE	M	MFR	MANUFACTURER	W	WP	WEATHERPROOF
C	CPT	CURRENT POTENTIAL TRANS.	M	MH	MECHANICALLY HELD	X		
C	CTR	MOUNTED ABOVE COUNTER	M	MIC	MICROPHONE	X	XFMR	TRANSFORMER
C	CU	CONDENSING UNIT	M	MLO	MAIN LUGS ONLY			
D			M	MO	MOTOR OPERATED			
D	DC	DIRECT CURRENT	M	MTD	MOUNTED			
D	DE	DUAL ELEMENT	M	MUA, MAU	MAKE-UP AIR UNIT			
D	DISC. SW	DISCONNECT SWITCH	M	MW	MICROWAVE			
D	DN	DOWN	N					
D	DTL	DOWN TO LIGHT	N	NAC	NOTIFICATION APPLIANCE CIRCUIT PANEL			
E			N	NC	NORMALLY CLOSED			
E	ECH	ELECTRIC CABINET HEATER	N	NEC	NATIONAL ELECTRICAL CODE			
E	EDH	ELECTRIC DUCT HEATER	N	NF	NOT FUSED			
E	EF	EXHAUST FAN	N	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION			
E	EM	EMERGENCY	N	NIC	NOT IN CONTRACT			
E	EMT	ELECTRICAL METALLIC TUBING	N	NL	NIGHT LIGHT			
E	EO	ELECTRICALLY OPERATED	N	NO	NORMALLY OPEN			
E	EP	ELECTRIC PNEUMATIC SWITCH	N	NTS	NOT TO SCALE			
E	EPO	EMERGENCY POWER OFF	O					
E	EUH	ELECTRIC UNIT HEATER	O	OC	OCCUPANCY SENSOR			
E	EWC	ELECTRIC WATER COOLER	P					
E	EWH	ELECTRIC WATER HEATER	P	P	POLE			
E	EX	EXISTING TO REMAIN	P	PT	POTENTIAL TRANSFORMER			
E	PC	PULL CHAIN	P	PB	PULL BOX			
F			P	PH	PHASE			
F	FA	FIRE ALARM	P	PM	PROJECT MANAGER			
F	FAAP	FIRE ALARM ANNUNCIATOR PANEL	P	PNL	PANELBOARD			
F	FACP	FIRE ALARM CONTROL PANEL	P	PVC	POLYVINYL CHLORIDE			
F	FCU	FAN COIL UNIT	P	PWU	PURCHASED WITH UNIT			
F	FLA	FULL LOAD AMPS	R					
F	FT	FEET	R	REF	REFRIGERATOR			
G			R	RGS	RIGID GALVANIZED STEEL			
G	G, GND	GROUND	R	RMC	RIGID METALLIC CONDUIT			
G	GAAN	GENERATOR ANNUNCIATOR PANEL	R	RTU	ROOFTOP UNIT			
G	GFI, GFCI	GROUND FAULT CIRCUIT IINTERRUPTER	S					
H			S	SPD	SURGE SUPRESSOR			
H	HOA	HAND-OFF-AUTO SWITCH	S	SW	SWITCH			
H	HP	HORSEPOWER	S	SWBD	SWITCHBOARD			

EXISTING ELECTRICAL EQUIPMENT ABBREVIATIONS

EX	EXISTING TO REMAIN.
RE	REMOVE EXISTING.
RL	RELOCATE EXISTING.
NL	NEW LOCATION OF EXISTING RELOCATED.
NR	NEW TO REPLACE EXISTING.
RR	REMOVE AND REPLACE ON NEW SURFACE.

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TELECOMMUNICATION NOTES

INSTALLATION GUIDELINES

ALL WORK PERFORMED AT UNIVERSITY OF RHODE ISLAND OR ON PROJECTS SHALL BE INSTALLED IN ACCORDANCE WITH LATEST VERSIONS OF THE FOLLOWING CODES AND STANDARDS.

A. BUILDING INDUSTRY CONSULTING SERVICE INTERNATIONAL (BICSI)
B. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)/TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA), ANSI/TIA 568C
C. TELECOMMUNICATIONS INDUSTRY ASSOCIATION TIA-569
D. TELECOMMUNICATIONS INDUSTRY ASSOCIATION TIA-606-B ADMINISTRATION STANDARD FOR TELECOMMUNICATIONS INFRASTRUCTURES
E. TELECOMMUNICATIONS INDUSTRY ASSOCIATION TIA-607-B GROUNDING & BONDING
F. TELECOMMUNICATIONS INDUSTRY ASSOCIATION TIA-758-B CUSTOMER OWNED OUTSIDE PANT TELECOMMUNICATIONS INFRASTRUCTURE STANDARD
G. NATIONAL ELECTRICAL SAFETY CODE NESC
H. NATIONAL ELECTRIC CODE NEC
I. NATIONAL FIRE PROTECTION AGENCY NFPA 70
J. OSHA REGULATIONS
K. STATE AND LOCAL CODES AND GUIDELINES.

CABLE PATHWAYS & CLOSETS

1. FORM THE CABLES AS TO CLOSELY PARALLELED WALLS FOR SUPPORT AND IN CONDUIT, ON WYR-GRID, CABLE TRAY AND OR SUPPORT HANGERS.
2. 1-1/4" EMT CONDUITS SHALL BE THE MINIMUM SIZE INSTALLED WITH A 4 SQUARE DEEP BOX AND SINGLE GANG PLASTER RING FOR ALL CATEGORY 6 AND UP. PROPER FILL RATIOS SHALL BE ADHERED TO, AND ADDITIONAL CONDUITS SHALL BE REQUIRED TO SUPPORT ADDITIONAL CABLES.
3. DESIGNS SHALL MAINTAIN 40% FILL RATIOS FOR ALL RACEWAY SYSTEMS INCLUDING CONDUIT SLEEVES.
4.
5. INSTALL 12" CABLE SLACK AT THE STATION AND 10' IN TELECOMMUNICATIONS ROOMS AS REQUIRED. THE SLACK SHALL BE NEATLY INSTALLED UTILIZING HOOK & LOOP WRAPS.
6.
7. INSTALL 25' CABLE SLACK FOR ALL WIRELESS STATION DROP LOCATIONS. (COORDINATE WITH WIRELESS NETWORK ENGINEER FOR FINAL DETERMINATION.)
8. WIRELESS DROP LOCATIONS SHALL HAVE 1-CAT6A CABLE INSTALLED PER ACCESS POINT.
9. INSTALL 25' SERVICE LOOP AT EACH POINT OF TERMINATION IN NEATLY COILED BUNDLES FOR ALL OUTSIDE AND INSIDE PLANT FIBER OPTIC CABLES.
10. INSTALL CONDUIT PULL STRINGS AS SPARES FOR ALL FIBER OPTIC INTER AND INTRA BUILDING CABLING INSTALLS.
11. INSTALL 75' SERVICE LOOP AT EACH MANHOLE AND OR HANDHOLE FOR ALL OUTSIDE PLANT FIBER OPTIC CABLES.
12. INSTALL NON CORROSIVE NONMETALLIC CABLE SUPPORTS IN ALL MANHOLES AND HANDHOLES TO SUPPORT ALL CABLE SLACK COILS.
13. INSTALL 4" SLEEVES WITH ARLINGTON PLASTIC TERMINATORS WITH PROPER BEND RADIUS PROTECTION TO ACCOMMODATE ALL TELECOMMUNICATIONS CABLING. THE SLEEVES SHALL BE SIZED TO ACCOMMODATE A 40% FILL RATIO. THE CONTRACTOR SHALL INSTALL QTY 2 SPARE 4" SLEEVE PER TELECOMMUNICATIONS ROOM.
14. INSTALL ALL RACKING AND SUPPORT STRUCTURES ACCORDING TO STANDARDS IN SUCH FASHION AS TO MAINTAIN BOTH CITED INDUSTRY STANDARDS AS WELL AS MANUFACTURER RECOMMENDATIONS FOR UNIFORM SUPPORT, PROTECTION, AND SEGREGATION OF DIFFERENT CABLE TYPES.
15. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF MAXIMUM PULLING TENSIONS, MINIMUM BEND RADIUS, AND APPROVED TERMINATION METHODS AS WELL AS ADHERING TO INDUSTRY ACCEPTED PRACTICES OF GOOD WORKMANSHIP.
16. TR & MC'S SHALL BE SIZED ACCORDING TO EIA/TIA STANDARDS. SIZING OF THESE SPACES ARE CRITICAL TO THE PROVISIONING OF ALL NETWORK, COMMUNICATIONS, ACCESS CONTROL, SECURITY AND EMERGENCY SERVICES. COORDINATE EQUIPMENT ROOM SIZES WITH MEDIA & TECHNOLOGY SERVICES TO ENSURE STANDARDS ARE MET.
17. DATA CENTERS, MC & TR'S SHALL HAVE THE APPROPRIATE COOLING SYSTEM INSTALLED TO PROPERLY DISSIPATE THE EQUIPMENT HEAT LOADS. POWER OVER ETHERNET STANDARDS KEEP EVOLVING WITH GREATER WATTAGE REQUIREMENTS GROWING. COORDINATE ALL BTU LOADS WITH THE OWNER TO DETERMINE THE APPROPRIATE SIZED COOLING SYSTEM WITH 40% GROWTH.
18. MC & TR'S SHALL HAVE A SINGLE 20 AMP CONVENIENCE OUTLET INSTALLED ON EACH WALL WITHIN THE CLOSET. EACH DATA RACK AND OR CABINET SHALL HAVE A DEDICATED 20 AMP AND 30 AMP CIRCUIT INSTALLED UNLESS OTHERWISE NOTED. COORDINATE ALL CIRCUIT SIZING, PLUG TYPES AND LOCATIONS WITH MEDIA & TECHNOLOGY SERVICES TO ENSURE STANDARDS ARE MET. INSTALL DEDICATED SUB PANEL IN EACH TR OR MC THAT IS TIED TO EMERGENCY POWER TO FACILITATE MOVES ADDS AND CHANGES WITHIN THE CLOSET. THESE PANELS SHALL SERVICES THE SPACE AND NO OTHER CIRCUITS ARE ALLOWED ON THE PANELS.

MANUFACTURURE SUBSTITUTION POLICY

I. UNIVERSITY OF RHODE ISLAND HAS SPECIFIED PANDUIT & GENERAL CABLE PRODUCTS AND SOLUTIONS AS A NO MANUFACTURE SUBSTITUTE. AS SUCH, SUBSTITUTION OF THE PANDUIT, GENERAL CABLE SYSTEMS SPECIFIED SHALL NOT BE ALLOWED UNLESS OTHERWISE NOTED. CONTRACTOR SHALL ASSUME ALL COSTS FOR REMOVAL AND REPLACEMENT OF ANY SUBSTITUTED PRODUCT INSTALLED WITHOUT PRIOR WRITTEN APPROVAL. SUCH COSTS SHALL INCLUDE BUT NOT BE LIMITED TO LABOR, MATERIALS AS WELL AS ANY PENALTIES, FEES OR COSTS INCURRED FOR LATE COMPLETION.

INFRASTRUCTURE HARDWARE

A. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL OF THE INFRASTRUCTURE HARDWARE LISTED BELOW. THE INSTALLATIONS SHALL INCLUDE ALL PARTS AND PIECES OF HARDWARE NOT LISTED NECESSARY TO COMPLETE THE INSTALLATION PER THE MANUFACTURE'S RECOMMENDATIONS.

B. WYR-GRID: INSTALL A PANDUIT 18" MINIMUM WYR-GRID SOLUTION P/N WG18BL10 WITH 4" MINIMUM SIDE WALLS P/N WGSDWL4BL INSTALLED AT 4' INTERVALS. THE WYR-GRID SHALL BE INSTALLED AROUND THE PERIMETER OF THE TELECOMMUNICATIONS ROOMS AND DIRECTLY OVER THE EQUIPMENT RACKS. ALL CABLES THAT EXIT THE WYR-GRID SHALL HAVE WATERFALLS INSTALLED. WYR-GRIDSHALL BE INSTALLED FROM THE FLOOR TO CEILING TO SUPPORT CABLING BETWEEN FLOORS. THE CONTRACTOR SHALL INSTALL ALL WYR-GRID SPLICE CONNECTORS, SUPPORT BRACKETS, INTERSECTION BEND RADIUS CONTROLS P/N ACCORDANCE WITH THE MANUFACTURE'S RECOMMENDATIONS. THE SYSTEM SHALL BE GROUNDED AND BONDED AS REQUIRED BY CODE AND STANDARDS.

C. STRONGHOLD: IN SUSPENDED CEILING AREAS THE CABLES SHALL BE INSTALLED USING PANDUIT'S STRONGHOLD J-PRO EXAMPLE P/N JP2W-L20 AND OR J-MOD COMMUNICATIONS SUPPORT HANGERS. THE HANGERS SHALL BE INSTALLED PER INDUSTRY STANDARD FILL RATIOS AND UTILIZING PANDUIT HOOK AND LOOP CABLE TIES.

D. VERTICAL WIRE MANAGERS: INSTALL PANDUIT P/N PR2VD06 FRONT TO BACK VERTICAL WIRE MANAGERS. THE WIRE MANAGERS SHALL BE INSTALLED ON THE OUTSIDE OF EACH RACK AND ROW. INSTALL PANDUIT P/N PR2VD10 10" FRONT TO BACK VERTICAL WIRE MANGERS AND COVER BETWEEN RACKS. INSTALL ALL ASSOCIATED PARTS AND ACCESSORIES NEEDED TO COMPLETE THE INSTALLATION.

E. HORIZONTAL WIRE MANGERS: INSTALL PANDUIT PATCHRUNNER 2 CABLE MANAGER P/N PR2HF2 2U AT THE TOP AND MIDDLE OF EACH RACK AND FLOOR CABINET INSTALLED. NETMANAGER 1RU SHALL BE INSTALLED IN ALL WALL MOUNT CABINETS P/N NCMHF1

F. RACKS: INSTALL PANDUIT P/N R4P ADJUSTABLE RAIL FOUR POST RACKS AND P/N R2P6S TWO POST RACKS.

G. FIBER RUNNER: PANDUIT'S FIBER RUNNER SOLUTIONS EXAMPLE P/N FRX4XYL6 SHALL BE INSTALLED WITHIN THE DATA CENTER ENVIRONMENTS OR LARGE IT CLOSETS WHERE FIBER PLUG & PLAY AND LARGE VOLUME OF CROSS FIBER PATCHING APPLICATIONS ARE REQUIRED.

H. WALL MOUNT CABINETS: FOR APPLICATIONS THAT REQUIRE WALL MOUNT CABINETS SHALL BE PANZONE 12,18 AND 26RU BASED ON THE DESIGN AND APPLICATION. THE RU REQUIREMENTS WILL BE BASED ON 50% GROWTH TO ENSURE ALL IT EQUIPMENT AND FUTURE CABLING IS CONSIDERED. THE MINIMUM DEPTH OF ALL WALL CABINETS SHALL BE NO LESS THAN 25". THE PANZONE WALL MOUNT 26RU CABINET WITH PERFORATED FRONT DOOR P/N PZWMC26P .

I. CABINETS: PANDUIT N-TYPE CABINETS FOR NETWORK APPLICATIONS AND UNIVERSAL-TYPE CABINETS FOR SERVER APPLICATIONS SHALL BE USED WITHIN THE DATA CENTER OR LARGE IT CLOSETS AS REQUIRED. THE CABINET SHALL BE AT A MINIMUM 45 RU WITH 1200MM DEPTH AND 800MM WIDTH REQUIREMENTS. PANDUIT C2OL BOOTS SHALL BE USED TO SEAL ALL ENTRY'S INTO AND OUT OF THE CABINETS. TOOLESS BLANKING PANELS AND SHADES SHALL BE INSTALLED WHERE REQUIRED. VERTICAL DUCTING SOLUTIONS AND UNIVERSAL CONTAINMENT SOLUTIONS SHALL ALSO BE CONSIDERED WHEN DESIGNING OR RENOVATING A DATA CENTER OR LARGE IT CLOSET.

J. POWER DISTRIBUTION UNITS-PDU: INSTALL PANDUIT G5 MONITORED INPUT SERIES PDU FOR ALL 2 POST, 4 POST RACKS AND CABINETS UNLESS OTHERWISE REQUIRED BY THE UNIVERSITY. EACH 4 POST RACK SHALL HAVE QTY 2 VERTICAL LENGTH PDU'S INSTALLED. INSTALL PANDUIT PDU BRACKETS P/N CVPDUB FOR 4 POST RACKS PDU APPLICATIONS. ALL CABINET CONFIGURED PARTS SHALL INCLUDE THE PDU BRACKETS. ACTUAL PDU PART NUMBER, AMPERAGE, PHASES SHALL BE BASED ON EQUIPMENT TYPE AND TOTAL UTILIZATION. UNIVERSITY MAY REQUIRE METERED AND OR SWITCH PDU'S AS PART OF THE INFRASTRUCTURE DESIGN. EACH CABINET SHALL ALSO INCLUDE QTY 2 METERED VERTICAL PDU'S AT A MINIMUM. COORDINATE POWER AND PLUG TYPE REQUIREMENTS WITH OWNER.

K. WIRELESS ENCLOSURES: ENCLOSURES SHALL BE MANUFACTURED BY OBERON INC.NO SUBSTITUTE ADD INFORMATION ON TYPES BASED ON DESIGN.

LABELING

A. ALL CATEGORY STATION CABLES SHALL BE LABELED 6" FROM THE POINT OF TERMINATION AT BOTH ENDS OF THE CATEGORY 6E & CAT6A CABLE INSTALLATIONS. PANDUIT SELF LAMINATING TURN-TELL WRAP AROUND LABELS SHALL BE USED.

B. CONTRACTOR SHALL, WHEREVER POSSIBLE PRE-PRINT LABELS USING PANDUIT EASY-MARK SOFTWARE AND LASER JET PRINTER.

C. THE PANDUIT PANTHER (LS8EQ) HAND-HELD THERMAL TRANSFER PRINTER SHALL BE USED ON SITE TO PRINT LABELS THAT WERE UNANTICIPATED, OR THAT BECOME DAMAGED IN APPLICATION.

D. THE LABELING STRATEGY SHALL, AT A MINIMUM, CLEARLY IDENTIFY ALL COMPONENTS OF THE SYSTEM: RACKS, CABLES, PANELS, MODULES, OUTLETS, GROUNDING, PATHWAYS AND SPACES LIKE TELECOMMUNICATIONS ROOMS.

E. RACKS AND PATCH PANELS SHALL BE LABELED TO IDENTIFY THE LOCATION WITHIN THE CABLE SYSTEM INFRASTRUCTURE.

F. ALL LABELING INFORMATION SHALL BE RECORDED ON THE AS-BUILT DRAWINGS AND ALL TEST DOCUMENTS SHALL REFLECT THE PREAPPROVED LABELING SCHEME.

G. ALL LABEL PRINTING WILL BE MACHINE GENERATED BY EITHER PANDUIT HAND-HELD LABELING SYSTEMS, DESKTOP LABELING SYSTEMS OR COMPUTER GENERATED USING PROGRAMS AND MATERIALS BUILT SPECIFICALLY FOR COMMUNICATIONS LABELING.

H. HAND WRITTEN LABELS WILL NOT BE ACCEPTED AND MUST BE REMEDIED AT CONTRACTORS EXPENSE.

I. CABLING SYSTEM LABELS SHALL UTILIZE MATERIALS DESIGNED TO OUTLAST THE CABLING ELEMENTS TO WHICH THEY ATTACH. OFFICE QUALITY LABELS WILL NOT BE ACCEPTED.

J. PANDUIT LABELS OUTLETS, PATCH PANELS AND WIRING BLOCKS LABELS SHALL BE INSTALLED ON, OR IN, THE SPACE PROVIDED ON THE DEVICE.

K. PANDUIT MACHINE-GENERATED LABELS SHALL BE INSTALLED BEHIND THE CLEAR LENS OR COVER ON ANY DEVICE THAT PROVIDES SUCH AN OPTION.

L. ALL LABELS SHALL BE PERMANENTLY AFFIXED TO INSTALLED CABLES, PATCH PANELS, RACKS, CABINETS, FACEPLATES, GROUNDING WIRES AND BUSBARS, AND ENCLOSURES.

M. PANDUIT LABELS SHALL BE PLACED IN A POSITION THAT INSURES EASE OR VISIBILITY. LABELS SHALL NOT BE ALTERED OR AFFIXED TO EQUIPMENT, CABLE OR HARDWARE THAT IS NOT INTENDED OR RECOMMENDED BY PANDUIT.

N. BACKBONE CABLING INSTALLED IN CONDUITS THE COVER PLATES SHALL BE LABELED INDICATING FIBER OPTIC CABLE PANDUIT P/N PCVI-FOCBY AND TELEPHONE PANDUIT P/N PCVI-TELEBY.

O. INTER-BUILDING FIBER OPTIC CABLES SHALL BE LABELED IN EACH MANHOLE AND OR HANDHOLE 12' ENTERING AND EXISTING THE MANHOLE OR HANDHOLE. THE CABLES SHALL BE CLEARLY MARKED AND AFFIXED UTILIZING PANDUIT P/N M300X050Y6C.

P. ALL BACKBONE CABLES SHALL BE LABELED 12' FROM THE POINT OF ENTRY INTO A TERMINATION BLOCK OR PATCH PANEL UTILIZING PANDUIT P/N M300X050Y6C.

Q. ALL CABLING ADDED TO EXISTING "LEGACY" INSTALLATIONS SHALL FOLLOW THE LABELING CONVENTION IN PLACE AT THAT LOCATION.

R. ALL LABELING OF INSTALLED CABLING IN NEW (GREENFIELD) PROJECTS SHALL SATISFY ALL REQUIREMENTS OF TIA 606-B, OR MODIFIED AS REQUIRED BY THE UNIVERSITY OF RHODE ISLAND. ALL FINAL LABELING SCHEMES SHALL BE APPROVED BY THE OWNER PRIOR TO INSTALLATION.

GROUNDING & BONDING

A. THE CONTRACTOR SHALL GROUND AND BOND ALL INSTALLED SYSTEM COMPONENTS PER THE MANUFACTURES RECOMMENDATIONS.

B. THE TELECOMMUNICATIONS BONDING BACKBONE SHALL BE GENERAL CABLE INSULATED COPPER #6 AWG COPPER GROUND WIRE OR AN APPROVED EQUAL (ELECTRICAL ENGINEER NEEDS TO DESIGN THE FEED TO THE MAIN ELECTRODE AND GROUND TO THE MC)

C. PANDUIT TWO-HOLE, LONG BARREL COPPER COMPRESSION LUGS FOR GROUNDING CONDUCTORS SHALL BE COLOR CODED BARREL. UTILIZE THE PANDUIT PROPER GROUNDING CRIMP TOOL TO COMPLETE THE INSTALLATION.

D. TELECOMMUNICATIONS TR GROUNDING BUSBAR TGB SHALL BE PANDUIT P/N GB2B0306TP1-1 WITH BUSBAR LABEL KIT P/N LTYK.

E. TELECOMMUNICATIONS MC GROUNDING BUSBAR TMGB SHALL BE PANDUIT P/N GB4B0624TP1-1 WITH BUSBAR LABEL KIT P/N LTYK.

F. WYR-GRID SOLUTION SHALL BE GROUNDED AND BONDED UTILIZING ONLY APPROVED MANUFACTURES COMPONENTS.

FIRESTOPPING

A. THE CONTRACTOR SHALL FIRESTOP ALL PENETRATIONS TO MAINTAIN THE SAME FLAME RATING AS THE STRUCTURE. FIRESTOP ALL CONDUITS SLEEVES, TRAY OPENINGS AS REQUIRED BY UTILIZING UL LISTED 3M, HILTE OR AND APPROVED EQUAL MANUFACTURES PRODUCTS.

B. ENGAGE AN EXPERIENCED INSTALLER WHO IS CERTIFIED, LICENSED, OR OTHERWISE QUALIFIED BY THE FIRESTOPPING MANUFACTURER AS HAVING BEEN PROVIDED THE NECESSARY TRAINING TO INSTALL MANUFACTURER'S PRODUCTS PER SPECIFIED REQUIREMENTS. A MANUFACTURER'S WILLINGNESS TO SELL ITS FIRESTOPPING PRODUCTS TO THE CONTRACTOR OR TO AN INSTALLER ENGAGED BY THE CONTRACTOR DOES NOT IN ITSELF CONFER QUALIFICATION ON THE BUYER.

C. INTERIOR CONDUIT OPENINGS SHALL BE FIRE STOPPED UTILIZING PUTTIES.

D. ALL EXTERIOR CONDUITS SHALL BE FIRE STOPPED. FOAM SEALANTS ARE NOT PERMITTED.

COPPER CABLE & HARDWARE

A. WIRELESS AND STATION DROPS SHALL BE PANDUIT CATEGORY 6A/CLASS EA CABLE SHALL BE CONSTRUCTED OF 23 AWG COPPER CONDUCTORS WITH FEP PLENUM (CMP) INSULATION. THE COPPER CONDUCTORS SHALL BE TWISTED IN PAIRS. ALL FOUR PAIRS SHALL BE SURROUNDED BY A METALLIC VARI-MATRIX TAPE CUT INTO SEGMENTS OF VARYING LENGTH AND A FLAME-RETARDANT JACKET. THE VARI-MATRIX TAPE SHALL MINIMIZE THE CABLE DIAMETER 230OD AND SUPPRESS THE EFFECTS OF ALIEN CROSSTALK WHILE RETAINING UTP ELECTROMAGNETIC INTERFERENCE IMMUNITY CATEGORY 6A, PLENUM RATED, BLUE P/N PUP6AH004BU-G. GENERAL CABLE P/N 7151849

B. ANALOG VOICE DROPS SHALL BE PANDUIT CATEGORY 6 TX6000, PLENUM RATED, BLUE P/N PUP6004BU-UY. THE HIGH PERFORMANCE CATEGORY 6 CABLE SHALL ALSO BE INSTALLED FOR EMERGENCY PHONE AND ELEVATOR LINES.

C. CABLES INSTALLED WITHIN THE TELECOMMUNICATIONS ROOMS SHALL BE BUNDLED UTILIZING THE PANDUIT CABLE BUNDLE ORGANIZING TOOL P/N C80T24K FOR OPTIMAL CABLING APPEARANCE.

D. GENERAL CABLE P/N2133269E CATEGORY 5E COPPER RISER CABLE SHALL BE INSTALLED.

E. GENERAL CABLE 6AWG GREEN GROUND WIRE PLENUM RATED OR APPROVED EQUAL.

F. PANDUIT MINI-COM TX6A 10GIG UTP JACKS SHALL BE RED CJ6X88TGRD WIRELESS, BLUE CJ6X88TGBU DATA, BLACK CJ6X88TGBL EMERGENCY PHONE OR ELEVATOR LINES. THE JACKS SHALL BE INSTALLED AT THE STATION AND CLOSET END. (FULL CAT6A INSTALLATIONS)

G. PANDUIT MINI-COM TX6 PLUS UTP JACKS SHALL BE BLUE P/N CJ688TGBU DATA, BLACK P/N CJ688TGBL ANALOG VOICE, EMERGENCY PHONE, OR ELEVATOR LINES. THE JACKS SHALL BE INSTALLED AT THE STATION AND CLOSET END.

H. PANDUIT TX6A-28 CAT 6A UTP PATCH CORD IS CONSTRUCTED OF 28 AWG, UNSHIELDED, TWISTED PAIR, SOLID, CM/LSZH CABLE WITH ENHANCED PERFORMANCE MODULAR PLUGS. THE USE OF 28 AWG CABLE ENSURES THAT THIS PATCH CORD HAS A SMALL DIAMETER. P/N UTP28X5RD FOR WIRELESS AND P/N UTP28X5BU BLUE FOR DATA.

I. PANDUIT TX6-28 CAT 6 UTP PATCH CORD IS CONSTRUCTED OF 28 AWG, UNSHIELDED, TWISTED PAIR, STRANDED, CM/LSZH CABLE WITH ENHANCED PERFORMANCE MODULAR PLUGS. THE USE OF 28 AWG CABLE ENSURES THAT THIS PATCH CORD HAS A SMALL DIAMETER. P/N UTP28SP5BU BLUE FOR DATA

J. CONTRACTOR SHALL FURNISH AN ADDITIONAL 20% SPARE PATCH CORDS. 50% OF THE PATCH CORDS SHALL BE 5' IN LENGTH AND 50% OF THE PATCH CORDS SHALL BE 7' IN LENGTH PART NUMBER. THE STANDARD COLORS ARE RED AND BLUE. COORDINATE FINAL COUNTS, COLORS AND SPARES WITH OWNER.

K. PANDUIT MINI-COM ULTIMATE ID 48 PORT ANGLED PATCH PANEL P/N UICMPP48BLY FOR TELECOMMUNICATIONS CLOSET TERMINATIONS. THE CONTRACTOR SHALL PROVIDE ENOUGH PATCH PANEL PORTS TO SUPPORT 20% GROWTH. ALL UNUSED PATCH PANEL PORTS INSTALL PANDUIT BLACK BLANKS P/N CMBBL-X. ALL WIRELESS DROPS SHALL BE ON IT'S OWN PATCH PANELS WITH THE SAME SPARE REQUIREMENTS. QTY 2 ANGLED TRANSITIONAL COVERS FOR ANGLED PATCH PANELS SHALL BE INSTALLED AS REQUIRED P/N CPATCBL.

L. PANDUIT STRAIN RELIEF BARS P/N QTY 2-SRBWCY PER 48 PORT PATCH PANEL.

M. PANDUIT EXECUTIVE SERIES FACEPLATES SHALL BE INSTALLED FOR ALL WALL MOUNT FACEPLATES. PANDUIT P/N CFPE2WHY EXAMPLE.

N. PANDUIT MINI-COM ULTIMATE ID EXECUTIVE SERIES WHITE BLANKS P/N CMBWH-X.

O. PANDUIT 2 PORT SURFACE BOXES P/NCBX2WH-AY FOR WIRELESS ACCESS POINT LOCATIONS MOUNTED ABOUT A DROP CEILING.

P. PANDUIT MINI-COM SERIES WHITE FACEPLATES, 106 FRAMES, MODULAR FURNITURE OUTLETS, FLOOR BOX INSERTS NOT LISTED TO COMPLETE THE PROJECT.

Q. PANDUIT 110 BLOCKS WITH C-5 CLIPS FOR ALL COPPER RISERS

R. PANDUIT P/N CPPA24FMWBLY 24 PORT PANEL FOR COPPER RISERS TO BE RACK MOUNT. PANDUIT CAT5E BLACK JACKS P/N CJ5E88TGBL IN ALL 24 PORTS FOR SINGLE PAIR RISER TERMINATIONS. PANDUIT P/N SRB19BLY EXTENDED STRAIN RELIEF BARS SHALL BE INSTALLED PER 24 PORT PANEL. COORDINATE FINAL TERMINATIONS WITH UNIVERSITY OF RHODE ISLAND TO ENSURE ACCURACY AND SCOPE.

S. PANDUIT QUICKNET COPPER ASSEMBLIES AND HARDWARE SHALL BE INSTALLED FOR ALL PLUG & PLAY DESIGNS.

FIBER CABLE & HARDWARE

THE RISER AND OUTSIDE PLANT FIBER OPTIC DISTRIBUTION CABLING AND HARDWARE SHALL BE PANDUIT.

A. PANDUIT 12 FIBER OM3 P/N FOPPX12Y & 12 FIBER SM P/N FSPP912Y CMP CABLE SHALL BE INTERLOCKING ARMORED AND INSTALLED BETWEEN THE MC AND TR'S. INTRA-BUILDING APPLICATIONS. (ADD MINIMUM FIBER COUNTS FOR CABLE RISERS)

B. PANDUIT 12 FIBER GEL-FREE OM3 P/N FOWNX12 ARMORED OUTDOOR RATED FOR INTER-BUILDING APPLICATIONS. (ADD MINIMUM COUNT FOR OUTSIDE PLANT CABLES)

C. PANDUIT 12 FIBER GEL-FREE SM P/N FSWN912 ARMORED OUTDOOR RATED FOR INTER-BUILDING APPLICATIONS. (ADD MINIMUM COUNT FOR OUTSIDE PLANT CABLES)

D. PANDUIT 6F P/N FO6CB & 12F P/N FO12CB BREAKOUT KITS SHALL BE USED WHEN TERMINATING OUTDOOR LOOSE TUBE CABLES.

E. PANDUIT 1U RACK MOUNT FIBER OPTIC PANEL P/N FCE1U SHALL BE INSTALLED FOR RISER FIBER APPLICATIONS. FCE1U PANELS SHALL BE INSTALLED ON EACH END OF THE FIBER RUN FROM THE MC TO THE TR.

F. PANDUIT FCE2U + FIBER OPTIC PATCH PANELS SHALL BE INSTALLED FOR TERMINATION OF 48+ FIBER COUNTS.

G. PANDUIT WALL MOUNT FIBER PANELS SHALL BE USED WHEN APPLICABLE. PANELS SHALL COME WITH LATCHED COVERS.

H. PANDUIT 10GIG OM3 WITH 6 DUPLEX LC ADAPTERS P/N FAP6WAQDLC SHALL BE INSTALLED OR AS REQUIRED BASED ON FIBER COUNTS.

I. PANDUIT SM WITH 6 DUPLEX LC ADAPTERS P/N FAP6WBUDLCZ SHALL BE INSTALLED OR AS REQURED BASED ON FIBER COUNTS.

J. PANDUIT BLANK FIBER PLATES P/N FAPB SHALL BE INSTALLED FOR ALL UNUSED 6 PACK PORTS.

K. PANDUIT OM3/OM4 CAM PRE-POLISHED LC CONNECTORS P/N FLCSMCXAQY SHALL BE INSTALLED FOR ALL MULTI-MODE RISER DISTRIBUTION TERMINATIONS. CONNECTORS SHALL CARRY A MINIMUM OF -55DB BACK REFLECTION.

L. PANDUIT SM CAM PRE-POLISHED LC CONNECTORS P/N FLCSSCBUY SHALL BE INSTALLED FOR ALL SINGLE MODE RISER TERMINATIONS.

M. PANDUIT 3 METER LC TO LC DUPLEX OM3/OM4 PATCH CORDS P/N FX2ERLNUNSNM003 SHALL BE FURNISH AS PART OF FIBER OPTIC PROJECTS. COORDINATE QTY'S AND SIZES WITH OWNER. PATCH CORDS SHALL BE PROVIDED FOR A MINIMUM OF 50% OF THE TERMINATED PORTS.

N. PANDUIT 3 METER SM LC TO LC DUPLEX PATCH CORDS P/N FSZERLNUNSNM003 SHALL BE FURNISHED AS PART OF THE FIBER OPTIC PROJECTS. COORDINATE QTY'S AND SIZES WITH OWNER. PATCH CORDS SHALL BE PROVIDED FOR A MINIMUM OF 50% OF THE TERMINATED PORTS.

O. PANDUIT OM4 HD FLEX & QUICKNET FIBER OPTIC PLUG & PLAY FIBER ASSEMBLIES SHALL BE INSTALLED DATA CENTER APPLICATIONS. PANDUIT PANMPO SHALL BE THE STANDARD TRUNKING CONNECTOR. FIBER OPTIC PATCH CORDS SHALL ALSO BE PROVIDED FOR A MINIMUM OF 50% OF THE TERMINATED PORTS TO COMPLETE THE END TO END SOLUTIONS. COORDINATE ALL SOLUTIONS WITH OWNER.

SUBMITTALS

A. SUBMIT MANUFACTURER PDF CUT SHEETS AND HIGHLIGHT THE PART NUMBERS FOR THE PRODUCTS SPECIFIED FOR THIS PROJECT. THE CONTRACTOR SHALL SUBMIT ONLY SPECIFIED OR ACCEPTED MANUFACTURES IN THE SUBMITTAL SHEET.

B. MAKE SURE THE SUBMITTALS ARE CLEARLY MARKED, INDICATING WHAT THE PRODUCT OR MATERIAL IS INTENDED TO BE USED FOR AND REFERENCE SPECIFICATION SECTION NUMBERS.

C. UNIVERSITY OF RHODE ISLAND SHALL TECHNOLOGY SERVICES SHALL REVIEW ALL PROJECT SUBMITTALS FOR ACCEPTANCE.

TESTING

ALL COPPER PAIRS OR OPTICAL FIBERS OF EACH INSTALLED CABLE SHALL BE TESTED AND VERIFIED PRIOR TO SYSTEM ACCEPTANCE. ANY DEFECT IN THE CABLING SYSTEM PERFORMANCE OR INSTALLATION INCLUDING BUT NOT LIMITED TO CABLE, JACKS, CONNECTORS, FEED THROUGH COUPLERS, PATCH PANELS, AND CONNECTOR BLOCKS SHALL BE REPAIRED OR REPLACED IN ORDER TO ENSURE 100% USEABLE CONDUCTORS OR FIBERS IN ALL CABLES INSTALLED. ALL CABLES SHALL BE TESTED IN ACCORDANCE WITH THIS DOCUMENT, THE ANSI/TIA STANDARDS, THE PANDUIT® ™ SYSTEM WARRANTY GUIDELINES AND BEST INDUSTRY PRACTICE. UNIVERSITY OF RHODE ISLAND SHALL AT ALL TIMES HAVE ACCESS TO TESTING WHILE IT'S BEING PERFORMED BY THE CONTRACTOR.

1. **COPPER LINK TESTING**

A. CATEGORY 5E, 6 AND 6A TWISTED-PAIR COPPER CABLE LINKS SHALL BE TESTED FOR COMPLIANCE TO THE REQUIREMENTS IN ANSI/TIA 1152 AND ANSI/TIA 568-C.2 FOR THE APPROPRIATE CATEGORY OF CABLING INSTALLED USING A TEST UNIT MEETING A MINIMUM IEC III LEVEL OF ACCURACY.

B. ALL TESTERS USED MUST HAVE BEEN FACTORY CALIBRATED BY THE MANUFACTURER WITHIN ONE YEAR OF USE OR ACCORDING TO FACTORY CALIBRATION RECOMMENDATIONS, WHICHEVER IS THE MORE STRINGENT.

C. CONTRACTOR SHALL SET REFERENCES ACCORDING TO MANUFACTURER'S RECOMMENDATION PRIOR TO EACH DAY'S TESTING AND RESET REFERENCES ANYTIME TESTER IS LEFT UNUSED FOR MORE THAN TWO HOURS.

D. FOR PANDUIT WARRANTY PURPOSES, CONTRACTOR SHALL PERFORM THE APPROPRIATE PERMANENT LINK TEST. CHANNEL LINK TESTING IS RENDERED VOID BY THE MOVEMENT OF PATCH CORDS AND CAN BE RUN BUT NOT USED FOR FINAL ACCEPTANCE CRITERIA.

FIBER TESTING

A. ALL INSTALLED FIBER SHALL BE TESTED FOR LINK-LOSS IN ACCORDANCE WITH ANSI/TIA-C.0 AND SHALL BE WITHIN LIMITS SPECIFIED WITHIN ANSI/TIA-C.3, OR AS SPELLED OUT IN THE PROJECT DOCUMENTATION.

B. FOR HORIZONTAL CABLING SYSTEM USING MULTIMODE OM3 OPTICAL FIBER, ATTENUATION SHALL BE MEASURED IN ONE DIRECTION AT EITHER 850 NANOMETER (NM) OR 1300 NM USING AN LED LIGHT SOURCE AND POWER METER .

C. ATTENUATION TESTING SHALL BE PERFORMED WITH A STABLE LAUNCH CONDITION USING TWO-METER JUMPERS TO ATTACH THE TEST EQUIPMENT TO THE CABLE PLANT. THE LIGHT SOURCE SHALL BE LEFT IN PLACE AFTER CALIBRATION AND THE POWER METER MOVED TO THE FAR END TO TAKE MEASUREMENTS.

D. TEST SET-UP AND PERFORMANCE SHALL BE CONDUCTED IN ACCORDANCE WITH ANSI/568-C.0 STANDARD, METHOD B.

E. WHERE LINKS ARE COMBINED TO COMPLETE A CIRCUIT BETWEEN DEVICES, THE CONTRACTOR SHALL TEST EACH LINK FROM END TO END TO ENSURE THE PERFORMANCE OF THE SYSTEM. ONLY BASIC LINK-LOSS TESTING WITH A POWER METER IS REQUIRED.

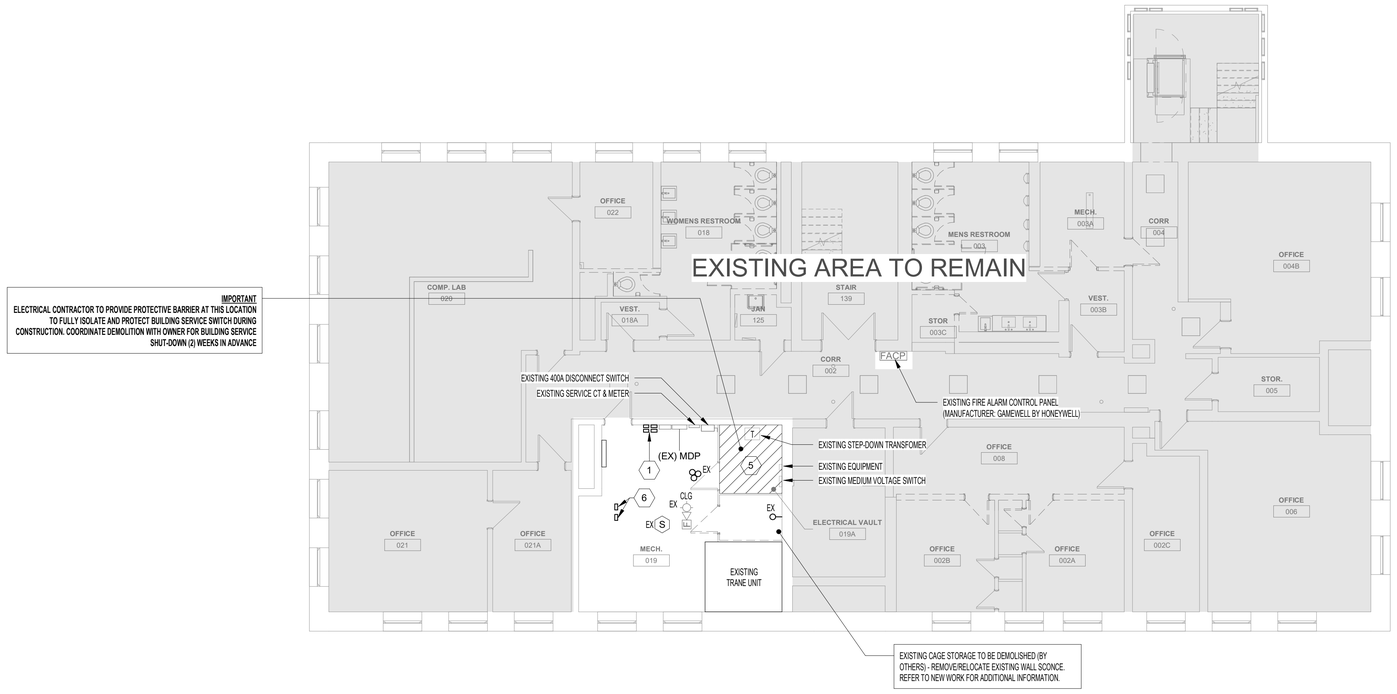
F. THE VALUES FOR CALCULATING LOSS SHALL BE THOSE DEFINED IN THE ANSI/TIA 568-C.3 STANDARD. IF THE LINK LOSS REQUIREMENTS DEFINED WITHIN THE STANDARD ARE IN CONFLICT WITH THOSE REFERENCED IN THE PROJECT DOCUMENTATION, CONTRACTOR SHALL IMMEDIATELY BRING THIS TO THE ATTENTION OF INFORMATION TECHNOLOGIES FOR RESOLUTION.

G. OUTSIDE PLANT SINGLE-MODE FIBER CABLING SHALL BE OTDR TESTED AT THE 1310 AND 1550 WAVELENGTHS IN BOTH DIRECTIONS. MULTI-MODE OM3 SHALL BE OTDR TESTED AT 850NM AND 1300NM. MINIMUM 1000' LAUNCH CORDS SHALL BE USED TO ENSURE TWO POINT TESTING IS COMPLETED. ALL TEST TRACES SHALL BE SAVED SUBMITTED IN PDF FORMAT. ANY CONNECTORS FOUND TO BE OUT OF SPEC FOR .DB LOSS SHALL BE REPLACED.

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1 OVERALL BASEMENT FLOOR ELECTRICAL DEMOLITION PLAN

1/8" = 1'-0"

ELECTRICAL DEMO PLAN GENERAL NOTES

1. THE EXISTING FACILITY WILL BE OCCUPIED AND IN OPERATION DURING THE PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL VISIT THE SITE AND ADJOINING AREAS, EXAMINE, AND BE FAMILIAR WITH ALL EXISTING CONDITIONS AND DETERMINE THE IMPACT ON THE EXECUTION OF WORK OF THIS CONTRACT.
2. THIS CONTRACTOR SHALL PERFORM THIS PRIOR TO THE SUBMISSION OF HIS PROPOSAL. SUBMISSION OF PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE AND LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN EXAMINATION BEEN MADE.
3. THE DEMOLITION WORK SHALL INCLUDE PROVIDING ALL MATERIALS, ALL NECESSARY EXTENSIONS, CONNECTIONS, CUTTING, REPAIRING, ADAPTING AND OTHER ELECTRICAL WORK INCIDENTAL THERE TOGETHER WITH SUCH TEMPORARY CONNECTIONS AS MAY BE REQUIRED TO MAINTAIN SERVICE PENDING THE COMPLETION OF THE PERMANENT WORK. NOTES AND GRAPHIC REPRESENTATION SHALL NOT LIMIT THE EXTENT OF DEMOLITION REQUIRED. EXTENT OF THE DEMOLITION WORK SHALL BE COORDINATED WITH THE ARCHITECT.
4. THE CONTRACTOR SHALL TRACE AND RELOCATE ALL EXISTING FEEDERS, BRANCH CIRCUIT WIRING, TELEPHONE/DATA, FIRE ALARM CIRCUITS, ETC. WHICH PASS THROUGH THE DEMOLITION SPACE SERVING EXISTING OCCUPIED ADJOINING AREAS AND INTERFERING WITH THE NEW WORK. ALL EXISTING WORK REQUIRED TO REMAIN BUT INTERFERING WITH NEW (ELECTRICAL AS WELL AS MECHANICAL AND GENERAL CONSTRUCTION WORK) SHALL BE RELOCATED AND RECONNECTED USING MATERIALS CONFORMING TO STANDARDS OF THIS CONTRACT. THIS WORK MAY NOT BE REPRESENTED IN THE DRAWINGS, BUT SHOULD BE TAKEN INTO ACCOUNT BY THE CONTRACTOR IN HIS PROPOSAL. COORDINATE WITH BUILDING MANAGEMENT PRIOR TO ANY SHUTDOWN OR DISRUPTION OF SERVICES THAT MAY BE REQUIRED TO ACCOMPLISH THIS WORK.
5. PROVIDE ADDITIONAL SUPPORT FOR ALL EXISTING CONDUITS, LOW VOLTAGE CABLING AND DEVICES TO REMAIN WHICH ARE AFFECTED BY DEMOLITION OF EXISTING CEILING AND PARTITIONS.
6. ELECTRICAL CONTRACTOR SHALL MAINTAIN CONTINUITY OF CIRCUITRY FOR EXISTING EQUIPMENT AND DEVICES THAT ARE TO REMAIN. WHERE OUTLETS ARE REMOVED AND ARE NOT AT THE CIRCUIT DEAD END, EXTEND CIRCUITRY AS REQUIRED TO MAINTAIN INTEGRITY OF ORIGINAL CIRCUIT. WHERE A WIRING DEVICE IS TO BE REMOVED AND THAT WALL TO REMAIN, THE ELECTRICAL CONTRACTOR SHALL REMOVE BRANCH CIRCUITRY FROM ITS SOURCE AND FILL-IN OUTLET BOX. BLANK PLATES WILL NOT BE PERMITTED.
7. PROTECTIVE DEVICES IN PANELBOARDS MADE SPARE DUE TO DEMOLITION SHALL BE PROPERLY IDENTIFIED. UPDATE ALL PANEL SCHEDULES TO REFLECT EQUIPMENT AND CIRCUIT REMOVALS.
8. BRANCH CIRCUITRY: UNLESS OTHERWISE NOTED, ALL ABANDONED CONDUITS, SUPPORTS, WIRING, AND/OR COMMUNICATIONS CABLING SHALL BE REMOVED AND CABLING SHALL BE REMOVED ENTIRELY AS PART OF THIS WORK. NO ABANDONED MATERIALS SHALL REMAIN.
9. FEEDERS AND HOMERUNS: REMOVE CONDUIT AND WIRING TO POINTS OF ORIGIN WITHIN THE DESIGNATED AREA OF CONSTRUCTION AS INDICATED ON THE PLAN DRAWINGS.
10. DEMOLITION MATERIALS SHALL BE REMOVED FROM THE BUILDING AFTER REGULAR BUSINESS HOURS AND SHALL BE TAKEN OFF-SITE NO LATER THAN THE START OF THE NEXT BUSINESS DAY. NO DEBRIS SHALL BE ALLOWED TO ACCUMULATE ON THE SITE. THE CONSTRUCTION SITE SHALL BE SWEPT CLEAN EACH DAY AND NO DUST OR DEBRIS SHALL BE PERMITTED TO ENTER THE AREA DRAINS SERVING THE BUILDING.
11. ALL ELECTRICAL MATERIALS AND EQUIPMENT REMOVED AS A RESULT OF DEMOLITION SHALL BE TAKEN FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS AND ENVIRONMENTAL REGULATIONS. EQUIPMENT REQUIRED TO BE TURNED OVER TO THE OWNER SHALL BE PLACED IN A MUTUALLY ACCEPTABLE LOCATION (COORDINATE LOCATION AND EQUIPMENT WITH OWNER).
12. DEMOLITION WORK TO BE PERFORMED IN PHASES AS REQUIRED. CARE MUST BE TAKEN TO ENSURE ACTIVE AREAS OUTSIDE THE CURRENT DEMOLITION PHASE REMAIN UNAFFECTED BY THIS WORK, WITH NO/MINIMUM INTERRUPTION OF SERVICE(S). CONTRACTOR SHALL INCLUDE ALL NECESSARY PREMIUM TIME TO PERFORM EACH PHASE OF DEMOLITION.
13. ALL EXISTING SECURITY, TELECOMMUNICATION AND FIRE ALARM DEVICES ARE TO REMAIN ACTIVE DURING THE CONSTRUCTION OF THIS PROJECT. ELECTRICAL CONTRACTOR TO COORDINATE ALL SHUTDOWNS AND OUTAGES WITH THE OWNER. PROPERLY PROTECT EXISTING DEVICES DESIGNATED TO REMAIN.
14. REMOVAL OF ANY ELECTRICAL MATERIAL SHALL INCLUDE THE REMOVAL OF ALL CONTROL, CONDUCTORS, AND CONDUIT (WHERE PRACTICAL) UNLESS OTHERWISE NOTED.
15. ALL SALVAGEABLE EQUIPMENT, FIXTURES, DEVICES, ETC. NOT BEING RE-USED SHALL BE TURNED OVER TO THE BUILDING OWNER.
16. ALL ELECTRICAL PANELBOARDS ARE TO REMAIN, UNLESS OTHERWISE NOTED.
17. REFER TO ARCHITECTURAL, MECHANICAL & FIRE PROTECTION DRAWINGS FOR EXTENT OF BUILDING DEMOLITION WORK. REFER TO ARCHITECTURAL ELEVATIONS AND SECTIONS FOR EXTENT OF WALL RENOVATIONS, PATCHING AND FINISHES.
18. EXTEND/REROUTE WIRING AND CONDUIT, AS REQUIRED, TO ALL ELECTRICAL DEVICES RELOCATED DURING DEMOLITION UNLESS SPECIFICALLY NOTED OTHERWISE.
19. COORDINATE POWER SHUTDOWN REQUIREMENTS WITH OWNER A MINIMUM OF 14 DAYS IN ADVANCE OF PLANNED SHUTDOWN. DO NOT PROCEED WITH SHUTDOWN WITHOUT WRITTEN AUTHORIZATION FROM OWNER.

DEMOLITION POWER PLAN KEY NOTES

(ALL KEY NOTES MAY NOT BE INDICATED ON FLOOR PLAN)

1. DISCONNECT AND RELOCATE EXISTING TIME CLOCKS & STARTERS AS REQUIRED TO MAKE ROOM FOR NEW FUSED DISCONNECT SWITCH. PROTECT DURING DEMOLITION - REFER TO NEW WORK FOR ADDITIONAL SCOPE.
2. DISCONNECT AND REMOVE ALL EXISTING LIGHTING, LIGHTING SWITCHES AND RECEPTACLES FOR THIS AREA. REMOVE ALL ASSOCIATED CONDUIT AND WIRING BACK TO SOURCE PANELS. MODIFY WIRING AND CONDUIT AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY TO ANY/ALL DEVICES OUTSIDE AREA WORK.
3. REMOVE ALL EXISTING FIRE ALARM DEVICES, DATA OUTLETS AND WIRELESS ACCESS POINTS (WAP) FOR THIS AREA. ALL ASSOCIATED WIRING TO REMAIN FOR RE-USE. MODIFY WIRING AND CONDUIT AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY TO ANY/ALL DEVICES OUTSIDE AREA WORK. PROVIDE TEMPORARY FIRE ALARM SYSTEM AS REQUIRED DURING RENOVATIONS AND EXISTING FIRE ALARM SYSTEM TO REMAIN ACTIVE IN THE OCCUPIED SPACES OF THE BUILDING.
4. DISCONNECT AND REMOVE ALL EXISTING WALL MOUNTED ELECTRICAL DEVICES; NOT LIMITED TO (RECEPTACLES, DATA OUTLETS, FIRE ALARM DEVICES, LIGHT SWITCHES ETC) IN PREPARATION FOR NEW ARCHITECTURAL MODIFICATIONS ON THIS WALL. EXISTING CONDUIT AND WIRING TO BE REMOVED BACK TO SOURCE PANEL. MODIFY WIRING AND CONDUIT AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY TO ANY/ALL DEVICES OUTSIDE AREA WORK. CONTRACTOR TO FIELD VERIFY ALL EXISTING ELECTRICAL DEVICES AFFECTED BY NEW CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT OF WORK IN AREA.
5. PROTECT ALL EQUIPMENT WITHIN THIS AREA DURING DEMOLITION.
6. EXISTING PUMP STARTERS TO BE RELOCATED AS REQUIRED. PROTECT DURING DEMOLITION - REFER TO NEW WORK FOR ADDITIONAL SCOPE.

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REVISIONS

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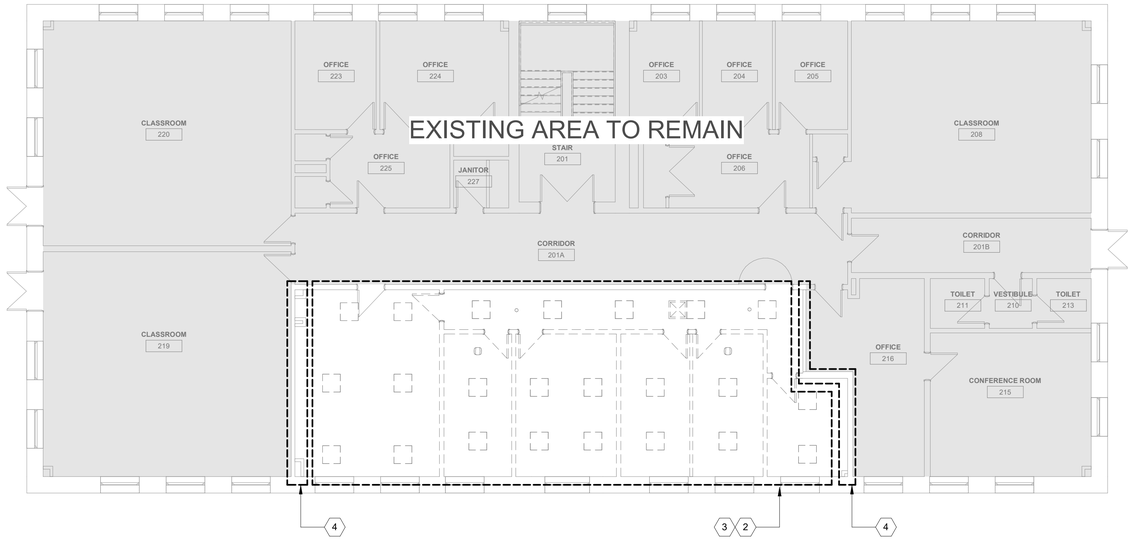
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BASEMENT FLOOR ELECTRICAL DEMOLITION PLAN

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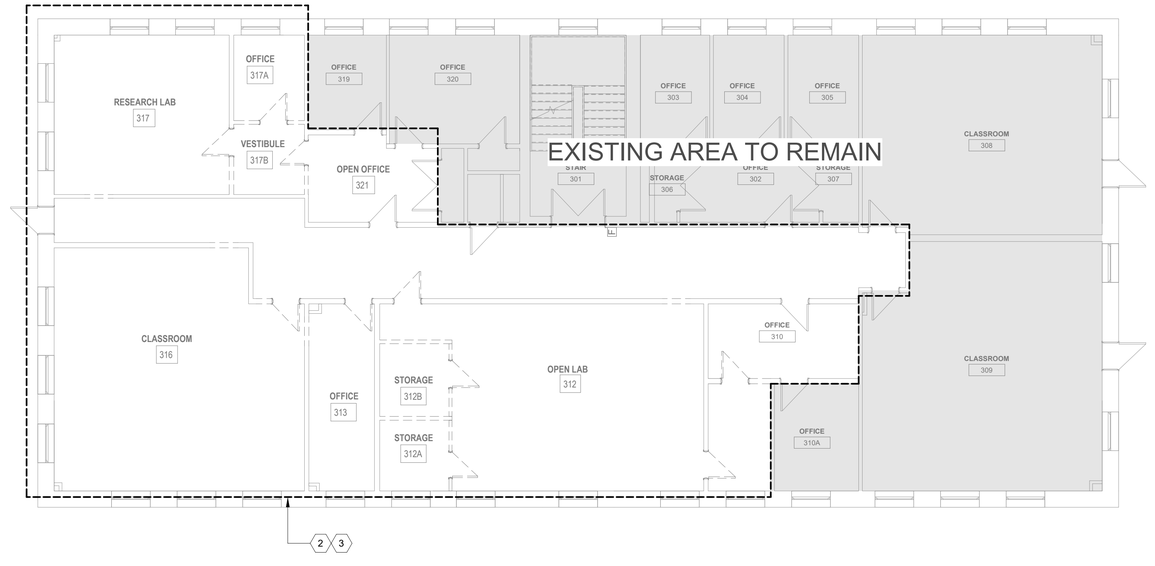
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1 OVERALL SECOND FLOOR ELECTRICAL DEMOLITION PLAN

1/8" = 1'-0"



2 OVERALL THIRD FLOOR ELECTRICAL DEMOLITION PLAN

1/8" = 1'-0"

ELECTRICAL DEMO PLAN GENERAL NOTES

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DEMOLITION POWER PLAN KEY NOTES

(ALL KEY NOTES MAY NOT BE INDICATED ON FLOOR PLAN)

1. DISCONNECT AND RELOCATE EXISTING TIME CLOCKS & STARTERS AS REQUIRED TO MAKE ROOM FOR NEW FUSED DISCONNECT SWITCH. PROTECT DURING DEMOLITION - REFER TO NEW WORK FOR ADDITIONAL SCOPE.
2. DISCONNECT AND REMOVE ALL EXISTING LIGHTING, LIGHTING SWITCHES AND RECEPTACLES FOR THIS AREA. REMOVE ALL ASSOCIATED CONDUIT AND WIRING BACK TO SOURCE PANELS. MODIFY WIRING AND CONDUIT AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY TO ANY/ALL DEVICES OUTSIDE AREA WORK.
3. REMOVE ALL EXISTING FIRE ALARM DEVICES, DATA OUTLETS AND WIRELESS ACCESS POINTS (WAP) FOR THIS AREA. ALL ASSOCIATED WIRING TO REMAIN FOR RE-USE. MODIFY WIRING AND CONDUIT AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY TO ANY/ALL DEVICES OUTSIDE AREA WORK. PROVIDE TEMPORARY FIRE ALARM SYSTEM AS REQUIRED DURING RENOVATIONS AND EXISTING FIRE ALARM SYSTEM TO REMAIN ACTIVE IN THE OCCUPIED SPACES OF THE BUILDING.
4. DISCONNECT AND REMOVE ALL EXISTING WALL MOUNTED ELECTRICAL DEVICES; NOT LIMITED TO (RECEPTACLES, DATA OUTLETS, FIRE ALARM DEVICES, LIGHT SWITCHES ETC) IN PREPARATION FOR NEW ARCHITECTURAL MODIFICATIONS ON THIS WALL. EXISTING CONDUIT AND WIRING TO BE REMOVED BACK TO SOURCE PANEL. MODIFY WIRING AND CONDUIT AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY TO ANY/ALL DEVICES OUTSIDE AREA WORK. CONTRACTOR TO FIELD VERIFY ALL EXISTING ELECTRICAL DEVICES AFFECTED BY NEW CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT OF WORK IN AREA.
5. PROTECT ALL EQUIPMENT WITHIN THIS AREA DURING DEMOLITION.
6. EXISTING PUMP STARTERS TO BE RELOCATED AS REQUIRED. PROTECT DURING DEMOLITION - REFER TO NEW WORK FOR ADDITIONAL SCOPE.

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REVISIONS

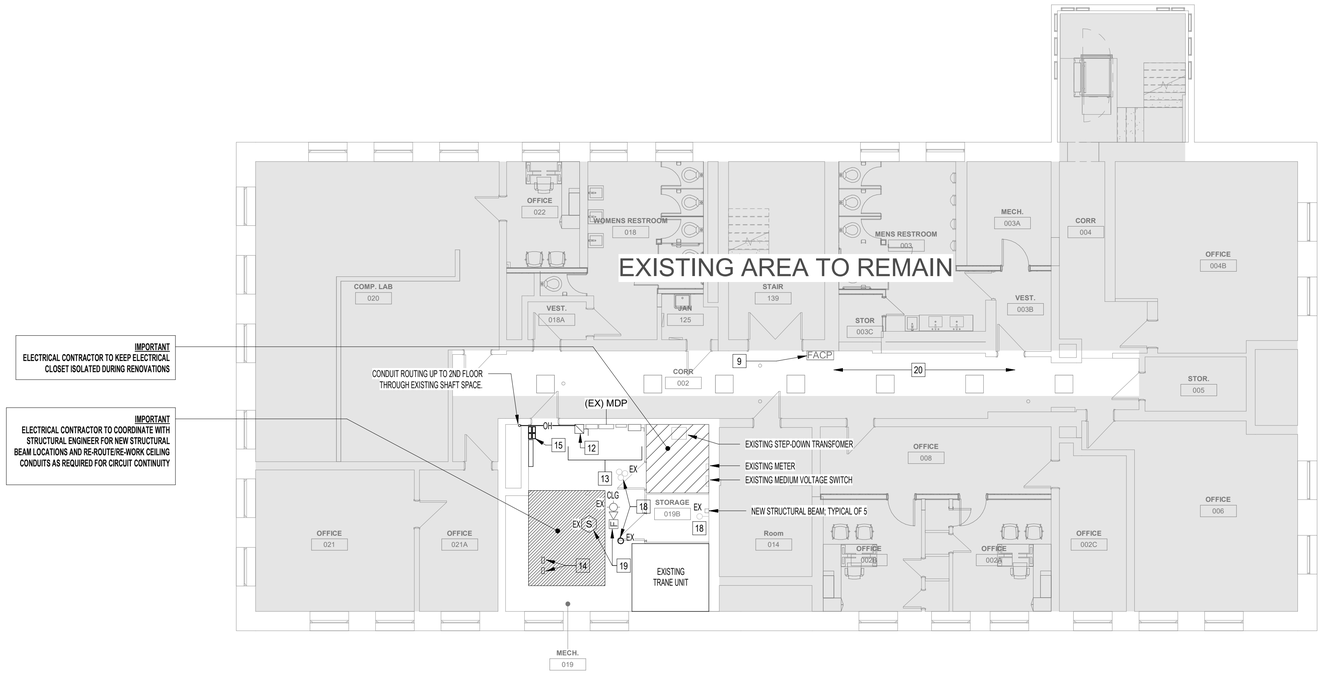
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TITLE:
SECOND & THIRD FLOOR ELECTRICAL DEMOLITION PLANS

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ED102

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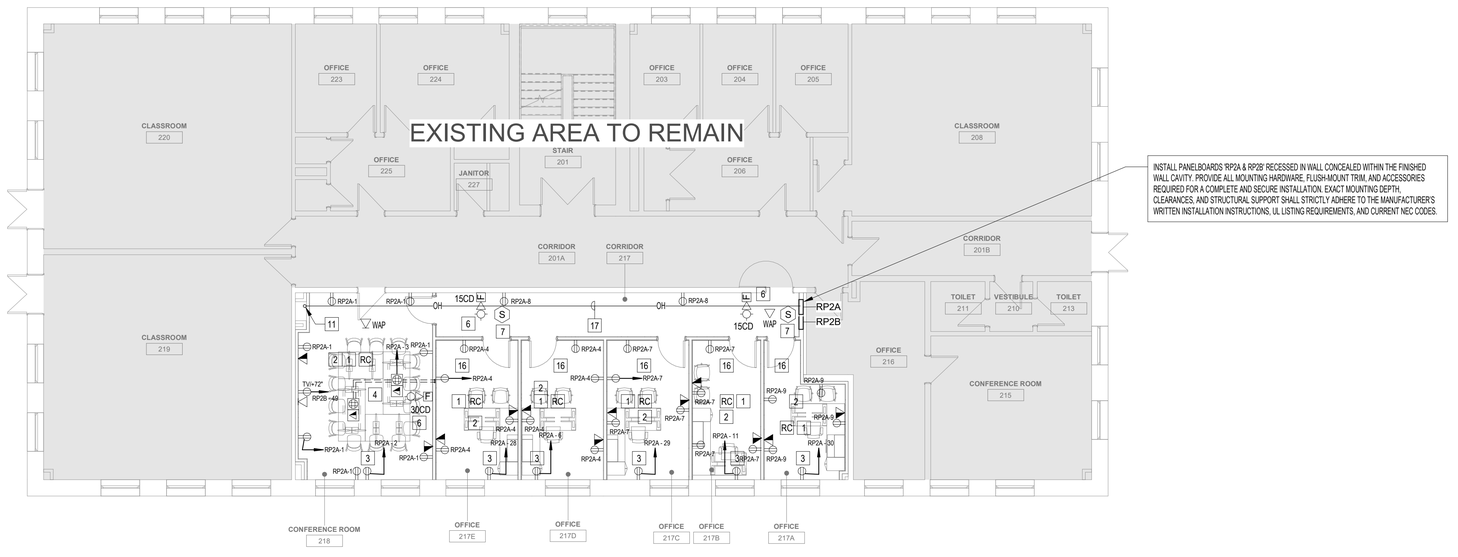
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IMPORTANT
ELECTRICAL CONTRACTOR TO KEEP ELECTRICAL CLOSET ISOLATED DURING RENOVATIONS

IMPORTANT
ELECTRICAL CONTRACTOR TO COORDINATE WITH STRUCTURAL ENGINEER FOR NEW STRUCTURAL BEAM LOCATIONS AND RE-ROUTE/RE-WORK CEILING CONDUITS AS REQUIRED FOR CIRCUIT CONTINUITY

1 BASEMENT FLOOR POWER PLAN - OVERALL
1/8" = 1'-0"



INSTALL PANELBOARDS 'RP2A & RP2B' RECESSED IN WALL CONCEALED WITHIN THE FINISHED WALL CAVITY. PROVIDE ALL MOUNTING HARDWARE, FLUSH-MOUNT TRIM, AND ACCESSORIES REQUIRED FOR A COMPLETE AND SECURE INSTALLATION. EXACT MOUNTING DEPTH, CLEARANCES, AND STRUCTURAL SUPPORT SHALL STRICTLY ADHERE TO THE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, UL LISTING REQUIREMENTS, AND CURRENT NEC CODES.

2 SECOND FLOOR POWER PLAN - OVERALL
1/8" = 1'-0"

IMPORTANT:

1. ALL NEW DATA CONNECTIONS TO BE CONNECTED TO EXISTING TELECOMMINICATION INFRASTRUCTURE (IT) CLOSETS 127 LOCATED AT FIRST FLOOR AND IN STRICT ACCORDANCE WITH URI TECHNOLOGY INFRASTRUCTURE STANDARDS, VERSION -02, DATED 02/17/2021. REFER TO DRAWING E002 FOR TELECOMMUNICATION NOTES

POWER PLAN GENERAL NOTES

1. ALL INSTALLATIONS SHALL CONFORM TO THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE AS WELL AS ALL APPLICABLE STATE AND LOCAL CODES.
2. ALL ELECTRICAL EQUIPMENT AND DEVICES SHALL BE SUITABLE FOR ITS APPLICATION PER THE LISTING INSTRUCTIONS OF A NATIONALLY RECOGNIZED AND APPROVED TESTING LABORATORY.
3. ACCESS TO & CLEARANCES AROUND ELECTRICAL EQUIPMENT SHALL CONFORM TO NEC ARTICLE 110. CONSULT ENGINEER WHERE SPACE APPEARS INADEQUATE DUE TO ARCHITECTURAL CHANGES, EQUIPMENT LAYOUT CHANGES, OR FIELD CONDITIONS. DO NOT COVER, OBSCURE OR BLOCK ACCESS TO EQUIPMENT, DATA PLATES, ACCESS PANELS OR MAINTENANCE AREAS WITH THE ELECTRICAL WORK.
4. THIS DRAWING SHOWS EQUIPMENT LOCATIONS ONLY. WIRING SHOWN IS SCHEMATIC IN NATURE. REFER TO RISERS, & DETAILS FOR ALL REQUIRED POWER & CONTROL WIRING. COORDINATE CONDUIT ROUTE IN FIELD WITH OTHER TRADES, EQUIPMENT & OWNER. VERIFY ALL MOUNTING HEIGHTS WITH OWNER & ARCHITECTURAL PLANS PRIOR TO INSTALLATION.
5. UNLESS NOTED OTHERWISE, MINIMUM POWER WIRING SHALL BE 2-#12 & 1-#12 GND IN 3/4"C TO 20A-1P CIRCUIT BREAKER IN PANEL LISTED. MINIMUM CONTROL WIRING SHALL BE 2-#14 IN 3/4"C. ALL POWER WIRING OF CIRCUIT SHALL MATCH HOMERUN WIRING OF CIRCUIT.
6. REFER TO MECHANICAL EQUIPMENT FEEDER SCHEDULE FOR BRANCH CIRCUIT INFORMATION OF MECHANICAL AND PLUMBING EQUIPMENT.
7. REVIEW DRAWINGS TO COORDINATE POWER REQUIREMENTS AND LOCATIONS FOR ALL EQUIPMENT SPECIFIED BY OTHER TRADES INVOLVED IN THE PROJECT. PROVIDE ALL THE ELECTRICAL POWER CIRCUITS, INTERCONNECTING POWER WIRING AND CONDUIT NECESSARY TO PROVIDE A COMPLETE INSTALLATION. ALL CONTROL WIRING ASSOCIATED WITH MECHANICAL EQUIPMENT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.
8. COORDINATE ELECTRICAL REQUIREMENTS OF ALL OWNER PROVIDED EQUIPMENT WITH ACTUAL EQUIPMENT PRIOR TO INSTALLATION.
9. CONTRACTOR SHALL COORDINATE WITH SITE SPECIFIC LOCAL REQUIREMENTS FOR SEISMIC BRACING OF ELECTRICAL EQUIPMENT AND CONDUITS.
10. CONTRACTOR SHALL CLEARLY LABEL ALL ELECTRICAL EQUIPMENT AND DEVICES WITH ASSOCIATED PANEL NAME AND CIRCUIT BREAKER.

POWER PLAN KEY NOTES

(ALL KEY NOTES MAY NOT BE INDICATED ON FLOOR PLAN)

1. ROOM CONTROLLER FOR LIGHTING / RECEPTACLE AUTOMATIC SHUT-OFF. ROOM CONTROLLER BY LEGRAND, DLM SERIES OR APPROVED EQUAL.
2. PER INTERNATIONAL ENERGY CONSERVATION CODE (IECC 2024 C405.12 / C405.12.1), AT LEAST 50% OF ALL 125 - VOLT, 15 -AND 20- AMPERE RECEPTACLES SHALL BE AUTOMATICALLY CONTROLLED WHERE INSTALLED IN PRIVATE OFFICES, CONFERENCE ROOMS, ROOM USED PRIMARILY FOR PRINTING AND/OR COPYING FUNCTIONS, BREAK ROOMS, CLASSROOMS, AND INDIVIDUAL WORKSTATIONS. TOP RECEPTACLE SHALL BE CONTROLLED AND BOTTOM RECEPTACLE UNCONTROLLED. PROVIDE ROOM CONTROLLERS TO WORK IN CONJUCTIONS WITH LIGHTING OCCUPANCY SENSORS. OCCUPANCY SENSOR SHALL TURN OFF RECEPTACLES WITHIN 20 MINUTES OF OCCUPANTS LEAVING THE SPACE. REFER TO DETAIL 4, SHEET E502 FOR TYPICAL CONTROL SCHEME.
3. PROVIDE DEDICATED DUPLEX RECEPTACLE FOR AIR CONDITIONING UNIT WITH WIREWAY (WIREMOLD) ON EXISTING EXTERIOR WALL UP TO CEILING FOR RECEPTACLE CONNECTION. WIREWAY TO BE PAINTED TO MATCH ADJACENT WALL SURFACE. COORDINATE WITH OWNER PRIOR TO INSTALLATION.
4. PROVIDE FLUSH CAST IRON FLOOR BOX WITH (QUAD RECEPTACLE, POWDER COATED BLACK FINISHED FLOOR BOX COVER. LEGRAND/WIREMOLD OMNI-BOX SERIES OR APPROVED EQUAL. FLOOR BOX SHALL BE SELF-LEVELING AND FULLY ADJUSTABLE BEFORE AND AFTER THE POUR. PROVIDE RECEPTACLE AS INDICATED ON DRAWINGS. PROVIDED 3/4" CONDUIT CONNECTION FOR POWER AND (1) 1-1/4" CONDUIT (WITH PULL STRING) FOR CONNECTION OF TELE/DATA (PLASTIC COVERS SHALL NOT BE ACCEPTABLE. COORDINATE LOCATION OF FLOOR OUTLET WITH OWNER FURNITURE DRAWINGS AND ARCHITECT PRIOR TO INSTALLATION. PROVIDE UNDER-SLAB CONDUITS FROM NEAREST WALL CAVITY. CONDUITS SHALL CONTINUE FROM THE FLOOR INTO THE WALL CAVITY AND UP INTO THE ACCESSIBLE HUNG CEILING, FURNISH AND INSTALL NYLON PROTECTIVE BUSHING AT DATA CONDUIT TERMINATION POINT. CONDUIT SHALL BE RUN IN THE MIDDLE OF THE SLAB, WITH A MINIMUM COVERAGE OF NO LESS THAN 2-INCHESOF CONCRETE. SAW CUT AND PATCH EXISTING CONCRETE FLOOR SLAB TO ACCOMMODATE IN FLOOR CONDUITS AS REQUIRED.
5. PROVIDE POWER CONNECTION TO MOTOR RATED SWITCH FOR ELECTRIC DUCT HEATER 'EDH-1'. SWITCH SHALL BE LOCATED ABOVE ACCESSIBLE CEILING WITHIN SIGHT OF DUCT HEATER. FIELD COORDINATE EXACT LOCATION. PROVIDE (3) #10 AWG & (1) #10 AWG GND IN 3/4"C. CIRCUIT AS INDICATED. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
6. PROVIDE NEW FIRE ALARM NOTIFICATION APPLIANCE AS INDICATED ON PLAN. DEVICE TYPE SHALL BE STROBE ONLY, HORN/STROBE, OR OTHER COMPATIBLE NOTIFICATION APPLIANCE AS REQUIRED BY THE EXISTING SYSTEM CONFIGURATION, CODE, AND APPROVED SHOP DRAWINGS. CONNECT TO APPROPRIATE EXISTING OR NEW FIRE ALARM CIRCUIT SERVING THE AREA. PROVIDE ALL REQUIRED BACK BOXES, MODULES, WIRING, RACEWAY, PROGRAMMING, AND ACCESSORIES FOR A COMPLETE INSTALLATION.
7. PROVIDE NEW CEILING-MOUNTED SMOKE DETECTOR AS INDICATED ON PLAN. CONNECT TO APPROPRIATE EXISTING OR NEW ADDRESSABLE INITIATING CIRCUIT SERVING THE AREA. FINAL LOCATION, SPACING, ADDRESSING, AND PROGRAMMING SHALL BE AS REQUIRED BY NFPA 72, THE DEVICE LISTING, AND THE APPROVED SHOP DRAWINGS.
8. PROVIDE NEW FIRE ALARM MANUAL PULL STATION. AS INDICATED ON PLAN. CONNECT TO APPROPRIATE EXISTING OR NEW ADDRESSABLE INITIATING CIRCUIT SERVING THE AREA. PROVIDE ALL REQUIRED BACK BOXES, MODULES, WIRING, RACEWAY, PROGRAMMING, AND ACCESSORIES FOR A COMPLETE INSTALLATION.
9. EXISTING FIRE ALARM CONTROL PANEL TO REMAIN. MODIFY EXISTING FIRE ALARM CONTROL PANEL TO ACCOMMODATE NEW DEVICES. PROVIDE BOOSTER MODULES AS REQUIRED. COORDINATE WITH FIRE ALARM VENDOR. REFER TO FIRE ALARM RISER DIAGRAM FOR ADDITIONAL INFORMATION.
10. PROVIDE NEW RECESSED TV RECEPTACLE WITH SURGE PROTECTIVE AND LOW VOLTAGE KIT. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN. REFER TO URI TECHNOLOGY INFRASTRUCTURE STANDARDS FOR WIRING INFORMATION.
11. POSSIBLE CONDUIT ROUTING TO BASEMENT LEVEL VIA EXISTING SHAFT SPACE. CONTRACTOR TO FIELD VERIFY. CONTRACTOR TO KEEP FEEDER ROUTING WITH -IN AREA OF WORK ONLY.
12. PROVIDE NEW 208Y-3PH, NEMA 1, 200AF/200AT FUSIBLE DISCONNECT SWITCH. REFER TO RISER DIAGRAM ON E602 FOR ADDITIONAL INFORMATION.
13. FIELD-VERIFY AND MAINTAIN 36" CLEAR WORKSPACE IN FRONT OF EXISTING ELECTRICAL EQUIPMENT TO REMAIN PER NEC 110.26. COORDINATE ALL STRUCTURAL WORK WITH STRUCTURAL BEAMS.
14. ELECTRICAL CONTRACTOR TO COORDINATE WITH STRUCTURAL ENGINEER FOR NEW STRUCTRAL BEAM LOCATIONS AND RE-ROUTE/RE-WORK EXISTING PUMP STARTER LOCATIONS AS REQUIRED.
15. NEW LOCATION OF EXISTING TIME CLOCKS & STARTERS. EXTEND/MODIFY EXISTING CONDUIT AND WIRING AND REWIRE AS REQUIRED TO RECONNECT TO EXISTING CIRCUIT MADE AVAILABLE DURING DEMOLITION. COORDINATE WITH OWNER FOR EXACT LOCATION.
16. PROVIDE ACOUSTICAL PUTTY PADS ON ALL OUTLET AND JUNCTION BOXES WITHIN THE PARTITION WALLS SEPARATING ADJACENT OFFICES. INSTALL PUTTY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS TO MAINTAIN THE ACOUSTICAL INTEGRITY (STC RATING) OF THE WALL ASSEMBLY. COORDINATE WITH ARCHITECT PRIOR TO ADDITIONAL INFORMATION.
17. NEW FEEDER ABOVE CEILING - FIELD DETERMINE EXACT ROUTING WITHIN AREA OF WORK.
18. APPROXIMATE LOCATIONS OF EXISTING LIGHT FIXTURE. RELOCATE LIGHT FIXTURES AND EXTEND CONDUIT/WIRING TO NEW LOCATION AS REQUIRED TO ACCOMMODATE FOR NEW STRUCTURAL BEAM LOCATIONS.
19. APPROXIMATE LOCATIONS OF EXISTING FIRE ALARM DEVICES. RELOCATE FIRE ALARM DEVICES AND EXTEND CONDUIT/WIRING TO NEW LOCATION AS REQUIRED TO ACCOMMODATE FOR NEW STRUCTURAL BEAM LOCATIONS.
20. INCLUDE A LUMP-SUM ALLOWANCE OF $20,000 FOR INSTALLATION OF SECURITY CAMERAS AND ASSOCIATED TELECOMMUNICATIONS/DATA INFRASTRUCTURE WITHIN PUBLIC CORRIDORS AT THE BASEMENT LEVEL. SECURITY CAMERAS AND MOUNTING BRACKETS SHALL BE FURNISHED BY THE OWNER AND INSTALLED BY THE CONTRACTOR. CONTRACTOR SHALL FURNISH AND INSTALL ALL OTHER MATERIALS AND EQUIPMENT REQUIRED FOR A COMPLETE INSTALLATION, INCLUDING CABLING, CONDUIT, RACEWAYS, JUNCTION BOXES, CONNECTORS, TERMINATIONS, SUPPORTS, AND ASSOCIATED ACCESSORIES.

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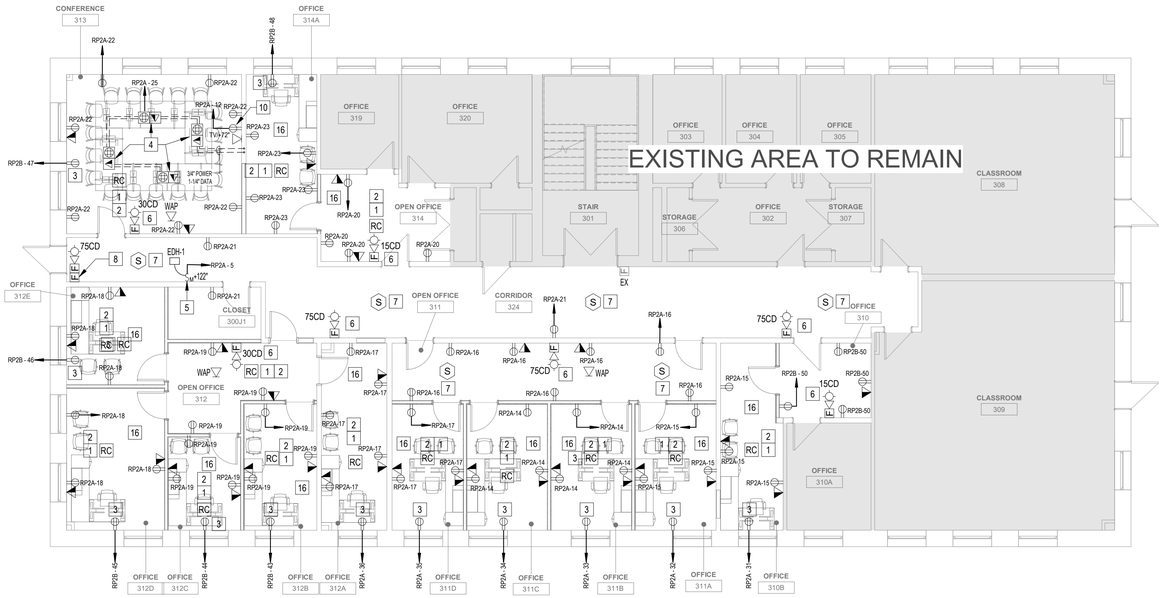
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PROJECT NO.:	2503449
DATE:	10/21/2026
ISSUED FOR:	BID

TITLE:
BASEMENT & SECOND FLOOR POWER PLANS

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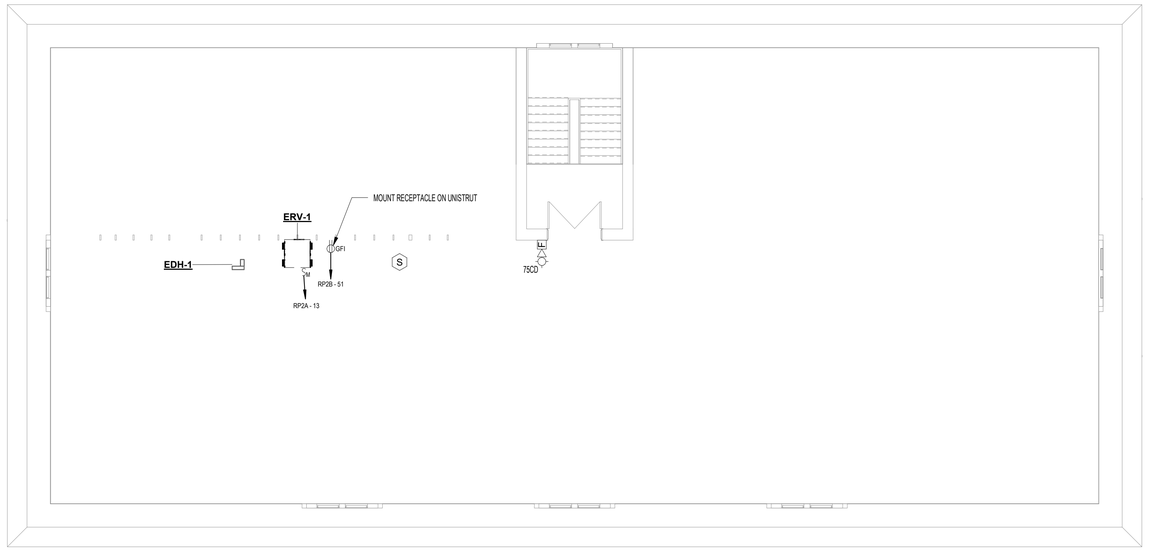
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1 THIRD FLOOR POWER PLAN - OVERALL

1/8" = 1'-0"



2 ATTIC FLOOR POWER PLAN

1/8" = 1'-0"

IMPORTANT:

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3. ACCESS TO & CLEARANCES AROUND ELECTRICAL EQUIPMENT SHALL CONFORM TO NEC ARTICLE 110. CONSULT ENGINEER WHERE SPACE APPEARS INADEQUATE DUE TO ARCHITECTURAL CHANGES, EQUIPMENT LAYOUT CHANGES, OR FIELD CONDITIONS. DO NOT COVER, OBSCURE OR BLOCK ACCESS TO EQUIPMENT, DATA PLATES, ACCESS PANELS OR MAINTENANCE AREAS WITH THE ELECTRICAL WORK.
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REVISIONS

NO	DATE	DESCRIPTION

DESIGNED:	HP/PS
DRAWN:	HP/PS
REVIEWED:	CR
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ISSUED FOR:	BID

TITLE:

THIRD FLOOR & ATTIC POWER PLANS

SHEET NUMBER

E102

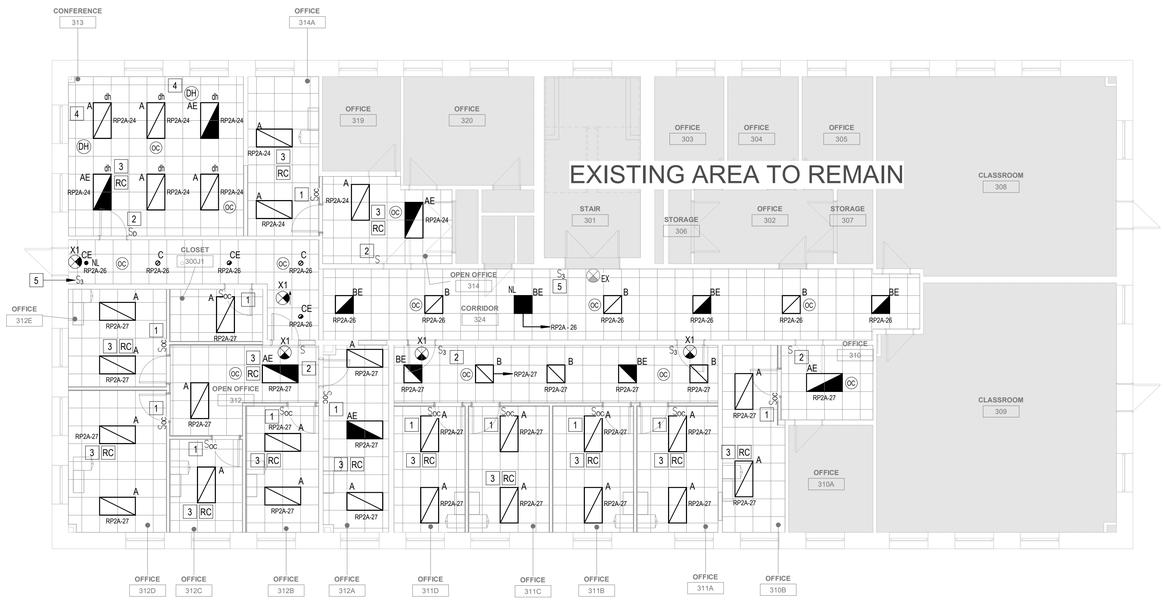
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1 OVERALL SECOND FLOOR LIGHTING PLAN RCP

1/8" = 1'-0"



2 OVERALL THIRD FLOOR LIGHTING PLAN RCP

1/8" = 1'-0"

LIGHTING PLAN KEY NOTES

(ALL KEY NOTES MAY NOT BE INDICATED ON FLOOR PLAN)

1 SPACES WITH WALL MOUNTED (SWITCH-TYPE) OCCUPANCY SENSOR CONTROL (CONFERENCE/MEETING/MULTIPURPOSE ROOMS, COPY/PRINT ROOMS, ENCLOSED OFFICES, STORAGE ROOMS, AND JANITOR CLOSETS);

- PROVIDE POWER PACK CONTROLLER IN SPACE FOR LIGHTING CONTROLS. PROVIDE LINE VOLTAGE CONNECTION TO POWER PACK CONTROLLER FOR NORMAL LIGHTING.
- PROVIDE LOW VOLTAGE DIMMING OCCUPANCY SENSOR WALL SWITCH AT ENTRY DOOR. SWITCH SHALL BE SET UP TO REQUIRE MANUAL INPUT FOR ON OPERATION AND AUTOMATIC OFF OPERATION WITHIN 20 MINUTES AFTER ALL OCCUPANTS HAVE LEFT THE SPACE. OCCUPANT SHALL BE ABLE TO MANUALLY TURN LIGHTING OFF.
- CONNECT LIGHT FIXTURE CONTROLS AND LOW VOLTAGE SWITCH TO POWER PACK CONTROLLER.

2 SPACES WITH CEILING MOUNTED OCCUPANCY SENSOR CONTROL (CLASSROOM/LECTURE/TRAINING ROOMS, CONFERENCE/MEETING/MULTI-PURPOSE ROOMS, LOUNGES/BREAK ROOMS, AND LOCKER ROOMS);

- PROVIDE POWER PACK CONTROLLER IN SPACE FOR LIGHTING CONTROLS. PROVIDE LINE VOLTAGE CONNECTION TO POWER PACK CONTROLLER FOR NORMAL LIGHTING.
- PROVIDE LOW VOLTAGE CEILING MOUNTED OCCUPANCY SENSOR WITH DUAL TECHNOLOGY SENSING. SENSOR SHALL BE SET UP TO REQUIRE MANUAL INPUT FOR ON OPERATION AND AUTOMATIC CONTROL FOR OFF OPERATION WITHIN 20 MINUTES AFTER ALL OCCUPANTS HAVE LEFT THE SPACE. QUANTITY AND PLACEMENT TO BE DETERMINED BY MANUFACTURER BASED ON ACTUAL DEVICES UTILIZED.
- PROVIDE LOW VOLTAGE DIMMING WALL SWITCH AT ENTRY DOOR. OCCUPANT SHALL BE ABLE TO MANUALLY TURN LIGHTING OFF.
- CONNECT LIGHT FIXTURE CONTROLS AND LOW VOLTAGE SWITCHES AND SENSORS TO POWER PACK CONTROLLERS.

3 ROOM CONTROLLER. ROOM CONTROLLER SHALL BE TIED WITH ROOM OCCUPANCY SENSORS FOR LIGHTING / RECEPTACLES AUTOMATIC SHUT-OFF. ROOM CONTROLLER BY LEGRAND, DLM SERIES OR APPROVED EQUAL. REFER TO DETAIL ON SHEET E502.

4 DAYLIGHT HARVESTING SENSOR AND WIRE TO CONTROL NEW CEILING MOUNTED LIGHT FIXTURES, INDICATED WITH "dh" WITHIN THIS ROOM AND WITH NEW WALL MOUNTED LIGHT SWITCHING AS MASTER CONTROL ON/OFF. CONTRACTOR SHALL PROGRAM DAYLIGHT SENSOR SUCH THAT THE FIXTURES WITH "dh" SHALL DIM DOWN WHEN ENOUGH DAYLIGHT FROM WINDOW IS SENSED BY THE SENSOR. THAT SET LEVEL SHALL BE DETERMINED IN COORDINATION WITH OWNER PRIOR TO COMMISSIONING LIGHTING. CONTRACTOR TO WIRE LINE VOLTAGE TO LIGHT FIXTURES AS REQUIRED TO COMPLY WITH THE WIRING DIAGRAM. REFER TO DETAIL ON SHEET E502.

5 SPACES WITH CEILING MOUNTED OCCUPANCY SENSOR CONTROL (RESTROOMS, LOBBIES AND CORRIDORS);

- PROVIDE POWER PACK CONTROLLER IN SPACE FOR LIGHTING CONTROLS. PROVIDE LINE VOLTAGE CONNECTION TO POWER PACK CONTROLLER FOR NORMAL LIGHTING.
- PROVIDE LOW VOLTAGE CEILING MOUNTED OCCUPANCY SENSOR WITH DUAL TECHNOLOGY SENSING. SENSOR SHALL BE SET UP AUTOMATIC CONTROL FOR ON OPERATION AND AUTOMATIC CONTROL FOR OFF OPERATION WITHIN 20 MINUTES AFTER ALL OCCUPANTS HAVE LEFT THE SPACE . QUANTITY AND PLACEMENT TO BE DETERMINED BY MANUFACTURER BASED ON ACTUAL DEVICES UTILIZED.
- PROVIDE LOW VOLTAGE WALL SWITCH AT ENTRY DOOR. SWITCH SHALL PROVIDE CODE REQUIRED OFF CONTROL.
- FOR EMERGENCY FIXTURES INTENDED TO BE ON 24/7 (DESIGNATED WITH AN NL SUBSCRIPT), FIXTURES SHALL BYPASS ANY LOCAL LIGHTING CONTROLS.
- CONNECT LIGHT FIXTURE CONTROLS AND LOW VOLTAGE SWITCHES AND SENSORS TO POWER PACK CONTROLLERS.

LIGHTING PLAN GENERAL NOTES

1. ALL INSTALLATIONS SHALL CONFORM TO THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE AS WELL AS ALL APPLICABLE STATE AND LOCAL CODES.
2. ALL ELECTRICAL EQUIPMENT AND DEVICES SHALL BE SUITABLE FOR ITS APPLICATION PER THE LISTING INSTRUCTIONS OF A NATIONALLY RECOGNIZED AND APPROVED TESTING LABORATORY.
3. THIS DRAWING SHOWS EQUIPMENT LOCATIONS ONLY. WIRING SHOWN IS SCHEMATIC IN NATURE. REFER TO RISERS, & DETAILS FOR ALL REQUIRED POWER & CONTROL WIRING. COORDINATE CONDUIT ROUTE IN FIELD WITH OTHER TRADES, EQUIPMENT & OWNER. VERIFY ALL MOUNTING HEIGHTS WITH OWNER & ARCHITECTURAL PLANS PRIOR TO INSTALLATION.
4. UNLESS NOTED OTHERWISE, MINIMUM POWER WIRING SHALL BE 2-#10 & 1-#10 GND IN 3/4"C TO 20A-1P CIRCUIT BREAKER IN PANEL LISTED. MINIMUM CONTROL WIRING SHALL BE 2-#14 IN 3/4"C. ALL POWER WIRING OF CIRCUIT SHALL MATCH HOMERUN WIRING OF CIRCUIT.
5. REFER TO LIGHTING FIXTURE SCHEDULE FOR FIXTURE LOAD AND MOUNTING INFORMATION.
6. COORDINATE LUMINAIRE LOCATIONS WITH THE ARCHITECTURAL REFLECTED CEILING PLANS.
7. COORDINATE LUMINAIRE LOCATIONS WITH OTHER TRADE'S DRAWINGS INVOLVED IN THE PROJECT. NOTIFY ARCHITECT AND ENGINEER OF RECORD IF ANY CONFLICTS BETWEEN LUMINARIES AND OTHER TRADE EQUIPMENT ARISE DURING CONSTRUCTION.
8. ALL EXIT SIGNS SHALL BE WIRED TO LOCAL LIGHTING BRANCH CIRCUIT AHEAD OF SWITCHING OR CONTROLS. HOMERUN & BRANCH CIRCUIT WIRING SHALL BE 2-#10 & 1-#10 GND IN 3/4"C.
9. ALL OCCUPANCY SENSORS REQUIRE POWER PACKS. ONLY ONE POWER PACK IS USED WHEN SENSORS ARE LINKED.
10. LIGHT FIXTURES SHOWN FULL SHADED SHALL BE EMERGENCY FIXTURES CIRCUITED UNSWITCHED AHEAD OF LOCAL LIGHTING CONTROLS AND SHALL SERVE AS NIGHT LIGHT.
11. LIGHT FIXTURES SHOWN HALF SHADED SHALL BE EMERGENCY FIXTURES WIRED TO LOCAL LIGHTING BRANCH CIRCUIT AHEAD OF SWITCHING OR CONTROLS.
12. CONTRACTOR SHALL COORDINATE WITH SITE SPECIFIC LOCAL REQUIREMENTS FOR SEISMIC BRACING OF LUMINARIES AND CONDUITS.
13. ALL LIGHTING CONTROLS SHALL BE PROVIDED BY A SINGLE MANUFACTURER AND ALL CONTROLS SHALL BE COMPATIBLE WITH THE LIGHTING FIXTURES PROVIDED.
14. CONTRACTOR SHALL COORDINATE WITH LIGHTING CONTROL MANUFACTURER TO PROVIDE A COMPLETE & FUNCTIONING SYSTEM. ALL REQUIRED, POWER PACKS, INTERCONNECTION WIRING, & RELATED COMPONENTS. SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
15. CONTRACTOR SHALL COORDINATE DIMMING PROTOCOL (BASIS OF DESIGN: 0-10V) OF LIGHTING FIXTURES PROVIDED TO ENSURE COMPATIBILITY.
16. CONTRACTOR SHALL HAVE THEIR MANUFACTURER PROVIDE SHOP DRAWINGS WITH DETAILED INFORMATION SHOWING ALL REQUIRED LIGHTING CONTROL COMPONENTS AND INTERCONNECTIONS NECESSARY. THESE DRAWINGS WILL BE SUBMITTED TO THE ENGINEER FOR APPROVAL AND ANY REQUIRED CHANGES WILL BE CORRECTED AT NO ADDITIONAL COST TO THE OWNER.
17. WALL SWITCH QUANTITY AND LOCATIONS HAVE BEEN NOTED ON THE LIGHTING PLANS. REFER TO LIGHTING SYMBOL LEGEND FOR EACH TYPE OF SWITCH REQUIRED (DIMMING, KEYED, THREE-WAY, FOUR-WAY, OCCUPANCY SENSING, ETC.).

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REVISIONS

NO	DESCRIPTION	DATE

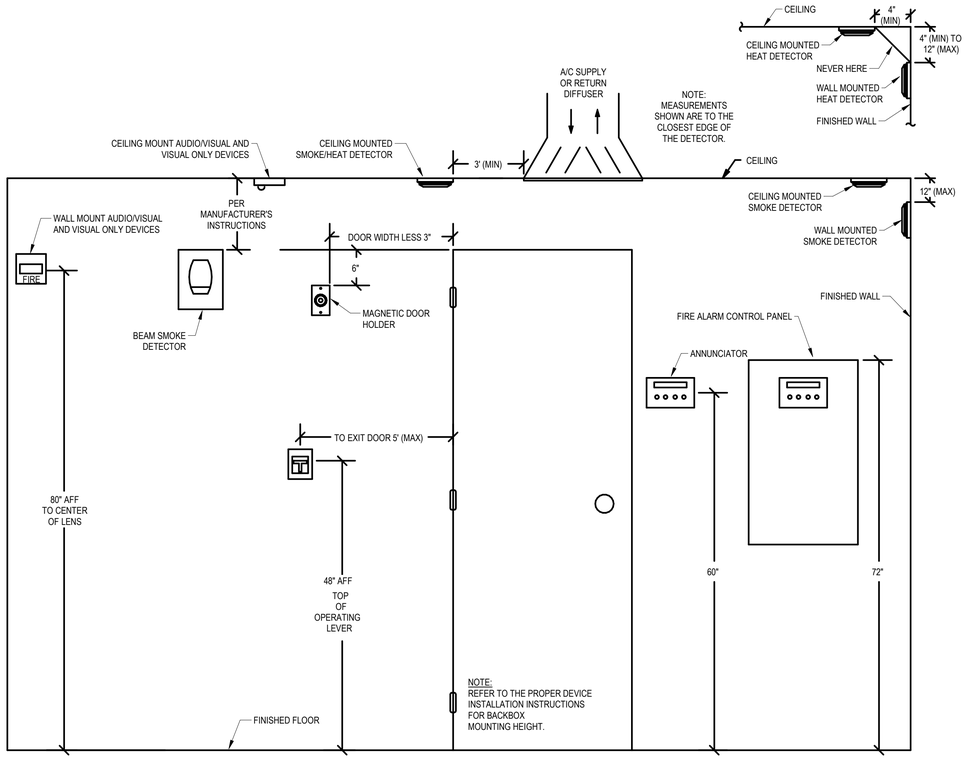
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DATE:	10/21/2026
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TITLE:
SECOND & THIRD FLOOR LIGHTING PLANS

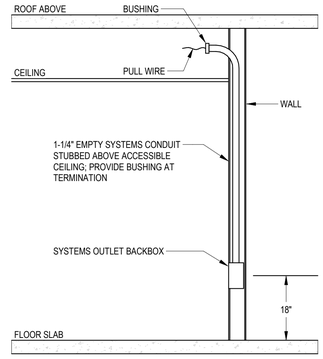
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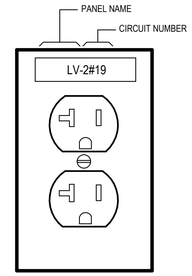
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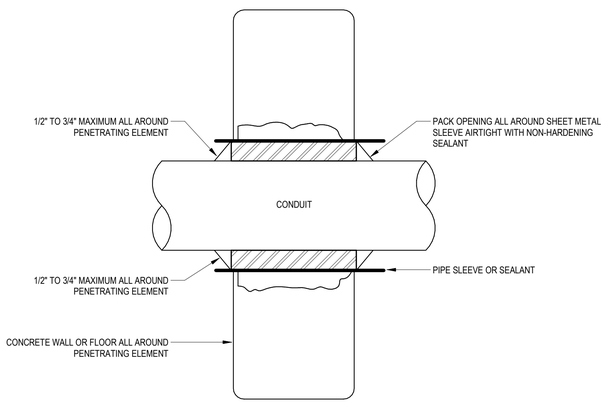
1 FIRE ALARM DEVICE MOUNTING HEIGHTS
NOT TO SCALE



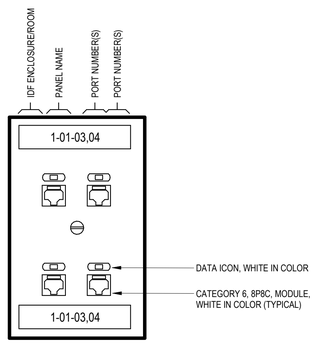
2 TEL/COM CONDUIT/JUNCTION BOX DETAIL
NOT TO SCALE



3 RECEPTACLE LABEL DETAIL
NOT TO SCALE



4 NON-RATED CONDUIT PENETRATION DETAIL
NOT TO SCALE



5 TELECOM LABEL DETAIL
NOT TO SCALE

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REVISIONS

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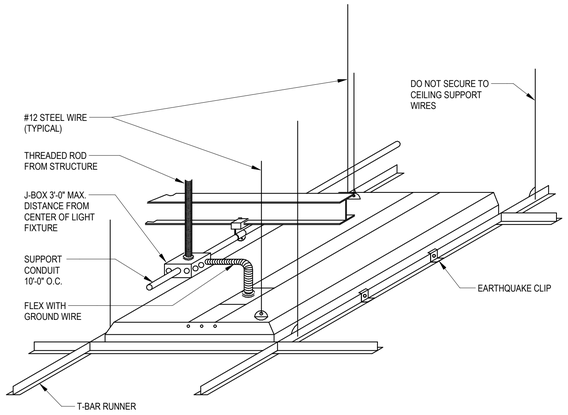
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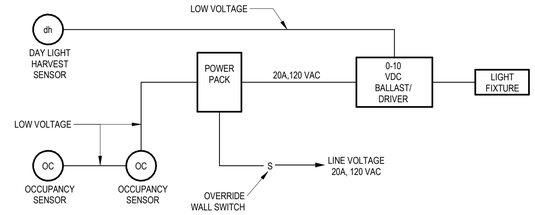
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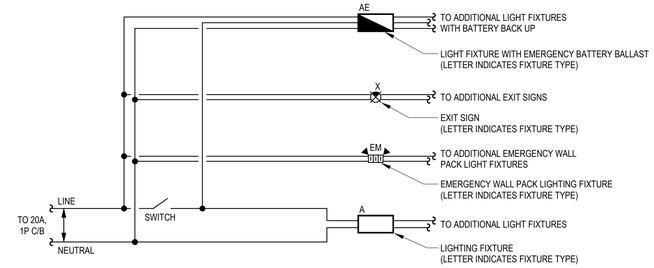
1 RECESSED LAY-IN FIXTURE MOUNTING DETAIL
NOT TO SCALE



NOTES:

1. ALL FIXTURES WITHIN 15' OF AN EXTERIOR WINDOW SHALL BE CONTROLLED BY DAY LIGHT HARVEST SENSOR 'dh'.
2. REFER TO LIGHTING PLAN FOR DEVICE LOCATIONS.

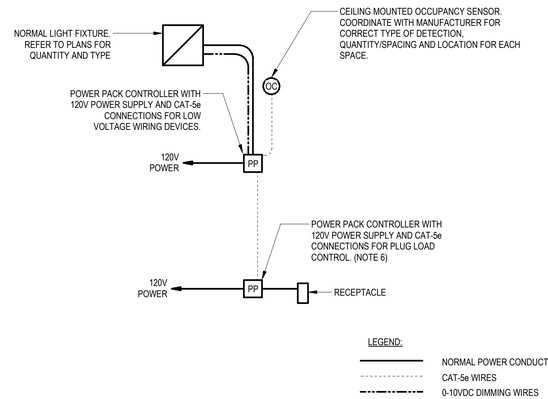
2 TYPICAL LIGHTING CONTROL DETAIL W/ DAY LIGHT HARVEST
NOT TO SCALE



NOTES:

1. CONNECT THE EMERGENCY LIGHTING FIXTURE TO THE RESPECTIVE LOCAL BRANCH CIRCUIT THAT SUPPLIES NORMAL LIGHTING TO THE AREA IN WHICH IT IS LOCATED. CONNECTION TO THIS LOCAL BRANCH CIRCUIT MUST BE MADE AHEAD OF OR ON THE LINE SIDE OF SWITCH CONTROLLING THE NORMAL LIGHT AS SHOWN ON THE DETAIL ABOVE.
2. FIXTURE SHALL MONITOR MAJOR LIGHTING CIRCUIT IN AREA.

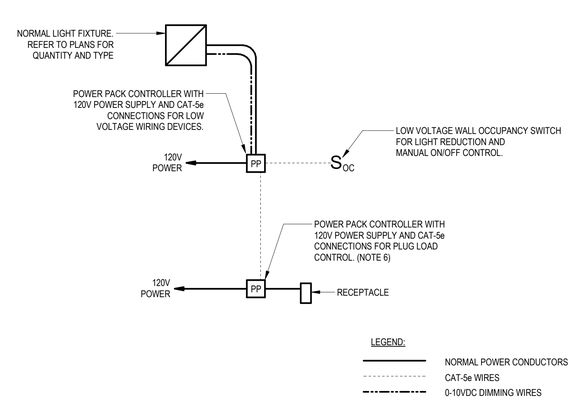
3 TYPICAL EMERGENCY LIGHTING WIRING DIAGRAM
NOT TO SCALE



NOTES:

1. PROVIDE POWER PACK CONTROLLER IN SPACE FOR LIGHTING CONTROLS. PROVIDE LINE VOLTAGE CONNECTION TO POWER PACK CONTROLLER FOR LIGHTING.
2. PROVIDE LOW VOLTAGE WALL SWITCH AT ENTRY DOOR. SWITCH SHALL BE SET UP TO REQUIRE MANUAL INPUT FOR ON OPERATION AND AUTOMATIC OFF OPERATION WITHIN 20 MINUTES AFTER ALL OCCUPANTS HAVE LEFT THE SPACE. OCCUPANT SHALL BE ABLE TO MANUALLY TURN LIGHTING OFF.
3. FOR FIXTURES INTENDED TO BE ON 24/7 (SHOW FULL SHADED), FIXTURES SHALL BYPASS ANY LOCAL LIGHTING CONTROLS.
4. FOR EMERGENCY FIXTURES (SHOWN HALF SHADED) CONTROLLED WITH NORMAL LIGHTING AND NOT INTENDED TO BE ON 24/7, PROVIDE ONBOARD EMERGENCY LED DRIVER WHICH WILL FORCE LIGHTING TO BE POWERED BY BATTERY BACKUP ONCE ONBOARD DRIVER SENSES A LOSS OF NORMAL POWER.
5. REFER TO PLANS FOR QUANTITY OF LIGHT FIXTURES (NORMAL, EMERGENCY AND NIGHT LIGHTS/EMERGENCY) IN EACH SPACE.
6. AUTOMATIC RECEPTACLE CONTROL ONLY REQUIRED IN ENCLOSED OFFICES, CONFERENCE ROOMS, PRINT/COPY ROOMS, BREAK ROOMS, CLASSROOMS, AND INDIVIDUAL WORKSTATIONS.
7. REFER TO PLANS FOR SPACES REQUIRING DAYLIGHT CONTROLS.
8. CONTRACTOR TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM. PROVIDE ALL REQUIRED CONTROL COMPONENTS (POWER PACKS, INTERFACE COMPONENTS, CONNECTION HARDWARE, ETC.).
9. CONTRACTOR TO PROVIDE SUFFICIENT QUANTITY OF SENSORS FOR EACH SPACE CONFIGURATION PER MANUFACTURERS RECOMMENDATIONS.

4 TYPICAL LIGHTING CONTROLS WITH RECEPTACLE CONTROL - CEILING MOUNTED OCCUPANCY SENSORS
NOT TO SCALE



NOTES:

1. PROVIDE POWER PACK CONTROLLER IN SPACE FOR LIGHTING CONTROLS. PROVIDE LINE VOLTAGE CONNECTION TO POWER PACK CONTROLLER FOR LIGHTING.
2. PROVIDE LOW VOLTAGE WALL SWITCH AT ENTRY DOOR. SWITCH SHALL BE SET UP TO REQUIRE MANUAL INPUT FOR ON OPERATION AND AUTOMATIC OFF OPERATION WITHIN 20 MINUTES AFTER ALL OCCUPANTS HAVE LEFT THE SPACE. OCCUPANT SHALL BE ABLE TO MANUALLY TURN LIGHTING OFF.
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5. REFER TO PLANS FOR QUANTITY OF LIGHT FIXTURES (NORMAL, EMERGENCY AND NIGHT LIGHTS/EMERGENCY) IN EACH SPACE.
6. AUTOMATIC RECEPTACLE CONTROL ONLY REQUIRED IN ENCLOSED OFFICES, CONFERENCE ROOMS, PRINT/COPY ROOMS, BREAK ROOMS, CLASSROOMS, AND INDIVIDUAL WORKSTATIONS.
7. REFER TO PLANS FOR SPACES REQUIRING DAYLIGHT CONTROLS.
8. CONTRACTOR TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM. PROVIDE ALL REQUIRED CONTROL COMPONENTS (POWER PACKS, INTERFACE COMPONENTS, CONNECTION HARDWARE, ETC.).
9. CONTRACTOR TO PROVIDE SUFFICIENT QUANTITY OF SENSORS FOR EACH SPACE CONFIGURATION PER MANUFACTURERS RECOMMENDATIONS.

5 TYPICAL LIGHTING CONTROLS WITH RECEPTACLE CONTROL - WALL MOUNTED OCCUPANCY SENSOR
NOT TO SCALE

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REVISIONS

NO	DATE	DESCRIPTION

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REVIEWED:	CR
PROJECT NO.:	2503449
DATE:	10/21/2026
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TITLE: DETAILS

SHEET NUMBER: E502

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PANEL: RP2A

LOCATION: CORRIDOR 217
SUPPLY FROM: MDP
MOUNTING: RECESSED
ENCLOSURE: TYPE 1

VOLTAGE: 120/208V
PHASES: 3
WIRES: 4

A.I.C. RATING: 22kAIC
MAINS TYPE: COPPER
MAINS RATING: 200 A
MCB RATING: 200 A

CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A		B		C		POLES	TRIP	CIRCUIT DESCRIPTION	CKT
1	REC - CONFERENCE ROOM 218	20 A	1	1.26	1.00					1	20 A	REC - CONFERENCE ROOM AC UNIT	2
3	REC - CONFERENCE ROOM FLOOR BOX	20 A	1			0.72	1.44			1	20 A	REC - OFFICES 217D & E	4
5	EDH-1	20 A	1					1.00	1.00	1	20 A	REC - OFFICE 217D AC UNIT	6
7	REC - OFFICES 217B & C	20 A	1	1.44	0.36					1	20 A	REC - CORRIDOR 217	8
9	REC - OFFICE 217A	20 A	1			0.72	0.55			1	20 A	LTG - 2ND FLOOR OFFICES	10
11	REC - OFFICE 217B AC UNIT	20 A	1					1.00	0.18	1	20 A	REC - CONFERENCE N302 TV SCREEN	12
13	ERV-1	15 A	1	0.22	1.08					1	20 A	REC - OFFICE N310 & N311	14
15	REC - OFFICE 310B & N312	20 A	1			1.08	1.26			1	20 A	REC - OPEN OFFICE N314	16
17	REC - OFFICE N309 & N313	20 A	1					1.44	1.08	1	20 A	REC - OFFICE N305 & N306	18
19	REC - OPEN OFFICE N303 & OFFICE N307 & N308	20 A	1	1.62	0.72					1	20 A	REC - OPEN OFFICE N300	20
21	REC - CLOSET N304 & CORRIDOR 324	20 A	1			0.54	1.26			1	20 A	REC - CONFERENCE N302	22
23	REC - OFFICE N301	20 A	1					0.90	0.32	1	20 A	LTG - 3RD FLOOR OFFICES	24
25	REC - CONFERENCE N302	20 A	1	1.44	0.26					1	20 A	LTG - 3RD FLOOR CORRIDOR	26
27	LTG - 3RD FLOOR OFFICES	20 A	1			0.90	1.00			1	20 A	REC - OFFICE N217E AC UNIT	28
29	REC - OFFICE 217C AC UNIT	20 A	1					1.00	1.00	1	20 A	REC - OFFICE N217A AC UNIT	30
31	REC - OFFICE N310B AC UNIT	20 A	1	1.00	1.00					1	20 A	REC - OFFICE N312 AC UNIT	32
33	REC - OFFICE N311 AC UNIT	20 A	1			1.00	1.00			1	20 A	REC - OFFICE N310 AC UNIT	34
35	REC - OFFICE N309 AC UNIT	20 A	1					1.00	1.00	1	20 A	REC - OFFICE N313 AC UNIT	36
37	SPARE	20 A	1	0.00	0.00					1	20 A	SPARE	38
39	SPARE	20 A	1			0.00	0.00			1	20 A	SPARE	40
41	SPARE	20 A	1					0.00	0.00	1	20 A	SPARE	42

THIS SECTION TOTALS:	**TOTAL LOAD:**	11 kVA	11 kVA	11 kVA
	TOTAL AMPS:	95 A	11,410 VA	10,904 VA
TOTAL LOAD - FEED THROUGH LUGS:	**TOTAL LOAD:**	3 kVA	2 kVA	2 kVA
	TOTAL AMPS:	24 A	18 A	17 A
PANELBOARD GRAND TOTALS:	**TOTAL LOAD:**	14 kVA	14 kVA	13 kVA
	TOTAL AMPS:	120 A	114 A	108 A

*PROVIDE PANELBOARD WITH FEED THOUGH LUGS

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS	
HVAC	1,220 VA	100%	1,220 VA		
LIGHTING	2,032 VA	125%	2,539 VA	**TOTAL CONNECTED LOAD:**	41 kVA
RECEPTACLES	17,460 VA	78.64%	13,730 VA	**TOTAL EST. DEMAND LOAD:**	42 kVA
Power	2,160 VA	100%	2,160 VA	**TOTAL CONNECTED AMPS:**	113 A
CONTINUOUS LOAD	18,000 VA	125%	22,500 VA	**TOTAL EST. DEMAND AMPS:**	117 A

NOTES:

PANEL: RP2B

LOCATION: CORRIDOR 217
SUPPLY FROM: RP2A
MOUNTING: RECESSED
ENCLOSURE: TYPE 1

VOLTAGE: 120/208V
PHASES: 3
WIRES: 4

A.I.C. RATING: 22kAIC
MAINS TYPE: COPPER
MLO RATING: 200 A

CKT	CIRCUIT DESCRIPTION	TRIP	POLES	A		B		C		POLES	TRIP	CIRCUIT DESCRIPTION	CKT
43	REC - OFFICE N308 AC UNIT	20 A	1	1.00	1.00					1	20 A	REC - OFFICE N307 AC UNIT	44
45	REC - OFFICE N306 AC UNIT	20 A	1			1.00	1.00			1	20 A	REC - OFFICE N305 AC UNIT	46
47	REC - CONFERENCE N304 AC UNIT	20 A	1					1.00	1.00	1	20 A	REC - OFFICE N301 AC UNIT	48
49	REC - CONFERENCE 218 TV SCREEN	20 A	1	0.18	0.72					1	20 A	REC - OFFICE 310	50
51	REC - ATTIC	20 A	1			0.18	0.00			1	20 A	SPARE	52
53	SPARE	20 A	1					0.00	0.00	1	20 A	SPARE	54
55	SPARE	20 A	1	0.00	0.00					1	20 A	SPARE	56
57	SPARE	20 A	1			0.00	--			1	--	SPACE	58
59	SPACE	--	1					--	--	1	--	SPACE	60
61	SPACE	--	1	--	--					1	--	SPACE	62
63	SPACE	--	1			--	--			1	--	SPACE	64
65	SPACE	--	1					--	--	1	--	SPACE	66
		TOTAL LOAD:		2.90 kVA		2.18 kVA		2.00 kVA					
		TOTAL AMPS:		24 A		18 A		17 A					

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS	
RECEPTACLES	1,080 VA	100%	1,080 VA		
CONTINUOUS LOAD	6,000 VA	125%	7,500 VA	**TOTAL CONNECTED LOAD:**	7 kVA
				TOTAL EST. DEMAND LOAD:	9 kVA
				TOTAL CONNECTED AMPS:	20 A
				TOTAL EST. DEMAND AMPS:	24 A

NOTES:

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REVISIONS

NO	DATE	DESCRIPTION

DESIGNED: HP/PS
DRAWN: HP/PS
REVIEWED: CR
PROJECT NO.: 2503449
DATE: 10/21/2026
ISSUED FOR: BID

TITLE: PANELBOARD SCHEDULES

SHEET NUMBER

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LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NO.	LAMP	VOLTS	MOUNTING	DESCRIPTION	WATTS
A	LITHONIA	STAKS 2X4 ALO6 SWW7	LED	120	RECESSED	2 X 4 RECESSED LED CENTER ELEMENT TROFFER, 40L LUMEN PACKAGE, 3500K COLOR TEMPERATURE, 80+ CRI	32
AE	LITHONIA	STAKS 2X4 ALO6 SWW7 IE10WCP	LED	120	RECESSED	SAME AS TYPE A EXCEPT WITH INTEGRAL EMERGENCY BATTERY BACK-UP	32
B	LITHONIA	STAKS 2X2 ALO3 SWW7	LED	120	RECESSED	2 X 2 RECESSED LED CENTER ELEMENT TROFFER, 30L LUMEN PACKAGE, 3500K COLOR TEMPERATURE, 80+ CRI	27
BE	LITHONIA	STAKS 2X2 ALO3 SWW7 IE10WCP	LED	120	RECESSED	SAME AS TYPE B EXCEPT WITH INTEGRAL EMERGENCY BATTERY BACK-UP	27
C	LITHONIA	LDN6 35 10 L06 AR LSS TRW GZ1	LED	120	RECESSED	6" LED DOWNLIGHT LIGHT FIXTURE	10.44
CE	LITHONIA	LDN6 35 10 L06 AR LSS TRW GZ1 E10WCP	LED	120	RECESSED	SAME AS TYPE C EXCEPT WITH INTEGRAL EMERGENCY BATTERY BACK-UP	10.44
X1	LITHONIA	LQM-S-W-3-R	LED	120	RECESSED	DUAL HEAD EMERGENCY LED WALL PACK	2

LIGHTING FIXTURE NOTES:

1. BIDS SHALL BE BASED ON THE LIGHTING FIXTURE SCHEDULE.
2. ALL FIXTURES SHALL BE UL LISTED.
3. ALL NECESSARY MOUNTING HARDWARE, HANGERS, BRACKETS, RAILS, YOKES, STEMS, CHAINS, ETC., SHALL BE FURNISHED AND INSTALLED.
4. REFER TO ARCHITECTURAL DRAWINGS FOR SPECIFIC DETAILS, ARRANGEMENT, MOUNTING HEIGHTS, CEILING CONSTRUCTION, ETC. ALL COLORS AND FINISHES SHALL BE VERIFIED BY THE ARCHITECT.
5. FIXTURES SHALL BE SEISMICALLY SUPPORTED AS REQUIRED BY BUILDING CODE.
6. SUBSTITUTIONS WONT BE REVIEWED/ ACCEPTED WITHOUT PHOTOMETRIC CALCULATIONS PLAN.

MECHANICAL FEEDER SCHEDULE

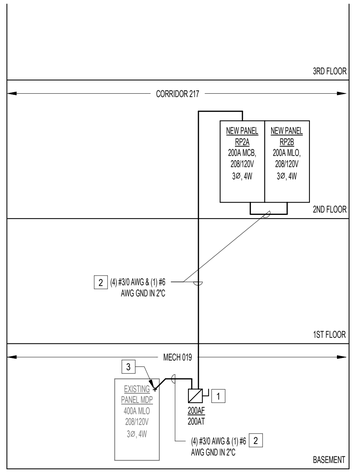
EQUIPMENT	VOLTAGE	POLES	MCA	MOCP	DISCONNECT SWITCH	FUSE	FEEDER	REMARKS
ERV-1	120 V	1	1.8 A	15 A	MOTOR RATED SWITCH 120V, 1P, NEMA 1	NON-FUSED	(2)#12 AWG & (1)#12 AWG GND IN 3/4"C	A,B

MECHANICAL FEEDER SCHEDULE REMARKS:

A. REFER TO FLOOR PLAN FOR HOMERUN POWER INFORMATION.
B. DISCONNECT SWITCH, STARTERS, RELAYS, CONTROL WIRING PROVIDED BY MECH. CONTRACTOR. WIRING TO DISCONNECT SWITCH & EQUIP. TERMINALS PROVIDED BY ELECTRICAL CONTRACTOR.

MECHANICAL FEEDER SCHEDULE NOTES:

1. ALL EQUIPMENT FEEDERS SHALL BE FURNISHED AND INSTALLED FROM CIRCUIT BREAKER TO FINAL TERMINATION ON EQUIPMENT FOR A COMPLETE INSTALLATION AS INDICATED BY ELECTRICAL CONTRACTOR.
2. ALL CIRCUIT BREAKERS SERVING MECHANICAL EQUIPMENT SHALL BE HACR RATED OF SIZE AS INDICATED BY ELECTRICAL CONTRACTOR.
3. ALL EQUIPMENT FEEDER TERMINATIONS TO DISCONNECT SWITCHES AND MOTORS SHALL BE RUN IN MAXIMUM 4' LIQUID-TIGHT FLEXIBLE STEEL CONDUITS.
4. ALL STARTERS SHALL BE FURNISHED AND INSTALLED ADJACENT TO ELECTRICAL PANEL SERVING MECHANICAL EQUIPMENT BY ELECTRICAL CONTRACTOR, UNLESS NOTED OTHERWISE. CONTROL WIRING FOR STARTERS SHALL BE BY MECHANICAL CONTRACTOR.
5. ALL MECHANICAL EQUIPMENT SHALL HAVE A NEW PERMANENT LABEL, INDICATING ELECTRICAL PANEL AND CIRCUIT BREAKER NUMBERS FEEDING IT, SECURED TO UNIT MOUNTED DISCONNECT SWITCH BY ELECTRICAL CONTRACTOR.
6. VERIFY EXACT LOCATIONS OF MECHANICAL EQUIPMENT IN FIELD WITH MECHANICAL CONTRACTOR.
7. THE SHOWN EQUIPMENT CONDUCTORS ARE SIZED TAKEN IN CONSIDERATION THE VOLTAGE DROP. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE WIRE SIZE ACCORDING WITH FIELD CONDITIONS.
8. REFER TO FLOOR PLAN FOR HOMERUN POWER INFORMATION.
9. PROVIDE THE CORRECT OVERCURRENT PROTECTION PER THE NAMEPLATE INFORMATION FOR EACH PIECE OF EQUIPMENT.
10. PROVIDE 20A, 120V GFI DUPLEX RECEPTACLE AT EACH ROOFTOP PIECE OF EQUIPMENT. PROVIDE HOMERUN FROM NEAREST 208Y/120V PANEL.



1 PARTIAL RISER DIAGRAM
NOT TO SCALE

RISER DIAGRAM GENERAL NOTES

1. ALL INSTALLATIONS SHALL CONFORM TO THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE AS WELL AS ALL APPLICABLE STATE AND LOCAL CODES.
2. ALL ELECTRICAL EQUIPMENT AND DEVICES SHALL BE SUITABLE FOR ITS APPLICATION PER THE LISTING INSTRUCTIONS OF A NATIONALLY RECOGNIZED AND APPROVED TESTING LABORATORY.
3. ALUMINUM CONDUCTORS MAY BE SUBSTITUTED FOR COPPER FEEDERS 100A AND LARGER. ALUMINUM CONDUCTORS SHALL NOT BE USED WHERE EXPRESSLY FORBIDDEN BY THE LOCAL ELECTRICAL INSPECTIONS DEPARTMENT, UTILITY COMPANY OR THE AHJ.
4. WHERE FEEDERS ARE ADJUSTED FOR VOLTAGE DROP, COORDINATE LANDING LUGS TO ACCOMMODATE LARGER WIRE SIZE. IT SHALL BE ACCEPTABLE TO PROVIDE JUNCTION BOX WITH TERMINAL BLOCKS AHEAD OF OVERCURRENT DEVICE TO TRANSITION WIRE SIZES.
5. PROVIDE A SHORT CIRCUIT-STUDY, SELECTIVE COORDINATION STUDY, ARC FLASH ANALYSIS, AND ARC FLASH LABELS FOR EACH ELECTRICAL SERVICE AND INFRASTRUCTURE BY A LICENSED ENGINEER. ADJUST TRIP AND GROUND FAULT SETTINGS ON CIRCUIT BREAKERS & MODIFY SHORT CIRCUIT RATINGS OF ELECTRICAL EQUIPMENT PER THE RESULTS. OVERCURRENT PROTECTIVE DEVICES SHALL BE SELECTIVELY COORDINATED FOR DISTRIBUTION SYSTEMS SERVING EMERGENCY AND STANDBY LOADS, AS WELL AS THOSE SERVING MULTIPLE ELEVATORS, FOR FAULTS WITH DURATIONS AT 0.01 SECONDS. ALL OTHER LOADS SHALL BE COORDINATED TO 0.1 SECONDS.
6. REFER TO PANELBOARD SCHEDULES FOR ADDITIONAL INFORMATION.
7. FEEDER CONDUCTORS ARE SIZED FOR A MAXIMUM VOLTAGE DROP OF 2 PERCENT AT 80% DESIGN LOAD. BRANCH CIRCUIT CONDUCTORS ARE SIZED FOR A MAXIMUM VOLTAGE DROP OF 3 PERCENT AT DESIGN LOAD.

RISER DIAGRAM KEY NOTES

1 PROVIDE FUSIBLE DISCONNECT , 200A, 208V/3PH, HEAVY DUTY TYPE WITH (3) 200A FUSES. COORDINATE ELECTRICAL SHUTDOWN WITH OWNER AS REQUIRED.

2 PROVIDE EMT CONDUIT (INTERIOR), JUNCTION BOXES & UNISTRUT SUPPORTS AS NECESSARY. FIELD COORDINATE EXACT CONDUIT/WIRING ROUTING & JUNCTION BOX LOCATIONS WITH EXISTING CONDITIONS.

3 PROVIDE TAP CONNECTION AT EXISTING PANEL "MDP". LOCATE NEW FUSIBLE DISCONNECT SWITCH SUCH THAT TAP CONDUCTORS DO NOT EXCEED 25 FEET LENGTH AND SHALL COMPLY WITH NEC 240.21(B)(2).

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SCHEDULES & PARTIAL RISER DIAGRAM

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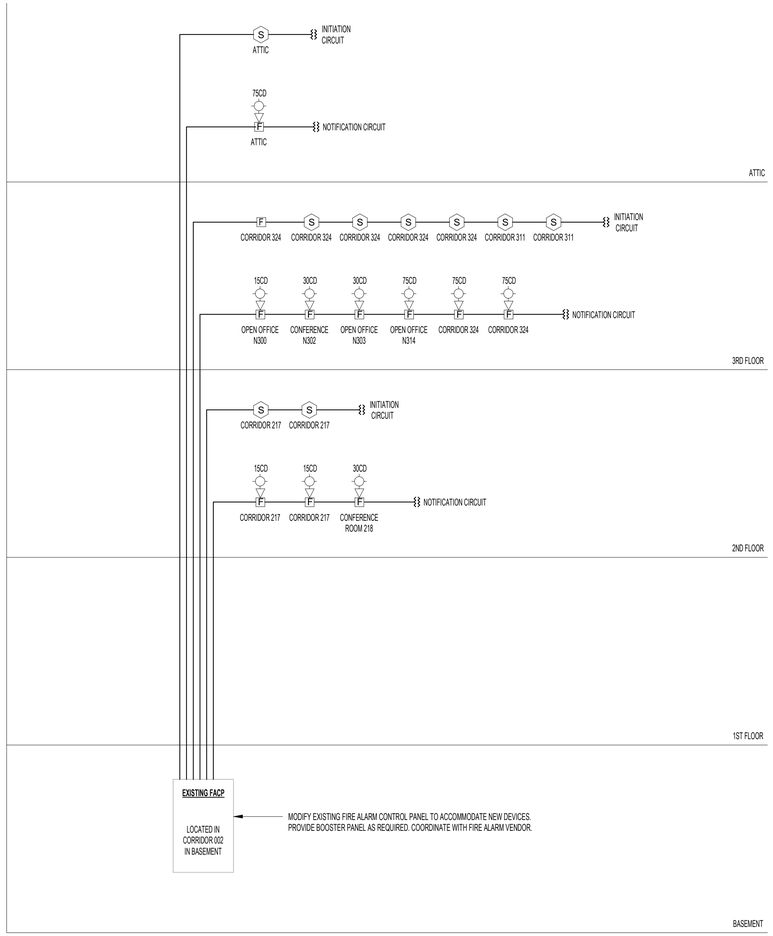
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FIRE ALARM SYSTEM OPERATIONAL MATRIX

INPUT		OUTPUT: ALARM AT FACP	ALARM AT ANNUNCIATOR	ALARM AT SUPERVISING STATION	ACTIVATE NOTIFICATION APPLIANCES	SUPERVISORY AT FACP	SUPERVISORY AT ANNUNCIATOR	SUPERVISORY AT SUPERVISING STATION	TROUBLE AT FACP	TROUBLE AT ANNUNCIATOR	TROUBLE AT SUPERVISING STATION	DEACTIVATE NOTIFICATION APPLIANCES	RESET CONTROL PANEL AND ALL DEVICES	
		A	B	C	D	E	F	G	H	I	J	K	L	
MANUAL PULL STATION	1	X	X	X	X									1
AREA SMOKE DETECTOR	2	X	X	X	X									2
AREA HEAT DETECTOR	3	X	X	X	X									3
FIRE SPRINKLER FLOW ALARM	4		X	X	X									4
FIRE SPRINKLER TAMPER ALARM	5					X	X	X						5
TROUBLE CONDITION	6								X	X	X			6
SYSTEM SILENCE	7											X		7
SYSTEM RESET	8												X	8
		A	B	C	D	E	F	G	H	I	J	K	L	

NOTE: VERIFY SEQUENCE CONFORMS TO LOCATION SPECIFIC REQUIREMENTS.



1 PARTIAL FIRE ALARM RISER DIAGRAM
NOT TO SCALE

FIRE ALARM RISER DIAGRAM NOTES:

1. REFER TO FLOOR PLANS FOR LOCATIONS AND QUANTITIES OF ALL DEVICES.
2. PROVIDE A MINIMUM OF 2 NOTIFICATION CIRCUITS, CIRCUIT EVERY OTHER DEVICE TO SEPARATE CIRCUIT.
3. FIRE ALARM NOTIFICATION CIRCUITS SHALL BE INSTALLED TO MATCH EXISTING.
4. CONTRACTOR SHALL PROVIDE ALL REQUIRED PROGRAMING AND SHALL TEST FIRE ALARM SYSTEM AFTER COMPLETION OF THE ENTIRE PROJECT TO ENSURE IT COMPLIES WITH ALL STATE AND LOCAL CODES AND ITS IN PROPER WORKING CONDITION.
5. THE EXISTING FIRE ALARM MANUFACTURER IS HONEYWELL. MODIFY EXISTING FIRE ALARM PANEL AS REQUIRED PER NEW ADDITIONAL FIRE ALARM DEVICES.
6. ALL NEW FIRE ALARM DEVICES SHALL BE PROVIDED BY THE SAME MANUFACTURER AS THE EXISTING BUILDING STANDARD. ALL DEVICES SHALL BE COMPATIBLE WITH THE EXISTING FIRE ALARM SYSTEM.
7. CONTRACTOR TO INCLUDE IN THEIR BID AND PROVIDE ALL NECESSARY MODULES, COMPONENTS, MODIFICATIONS AND UPDATES REQUIRED TO INTERFACE THE NEW FIRE ALARM DEVICES WITH THE EXISTING BASE BUILDING FIRE ALARM SYSTEM.
8. ALL FIRE ALARM CONDUCTORS SHALL BE INSTALLED IN CONDUIT PAINTED RED.

IMPORTANT:
FIRE ALARM RISER SHOWS ONLY NEW FIRE ALARM DEVICES CONNECTED TO EXISTING FIRE ALARM CONTROL PANEL (MANUFACTURER: GAMEWELL BY HONEYWELL) LOCATED IN BASEMENT CORRIDOR. CONTRACTOR SHALL PROVIDE UPDATED FIRE ALARM CONTROL PANEL BATTERY CALCULATIONS AFTER RENOVATIONS ARE COMPLETE, INCLUDING NEW AND EXISTING FIRE ALARM DEVICES.

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PARTIAL FIRE ALARM RISER DIAGRAM & MATRIX

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