

GREATER BINGHAMTON AIRPORT REHABILITATION OF HANGARS 2 & 3 - PHASE 2

BID PLANS
SEPTEMBER 2026

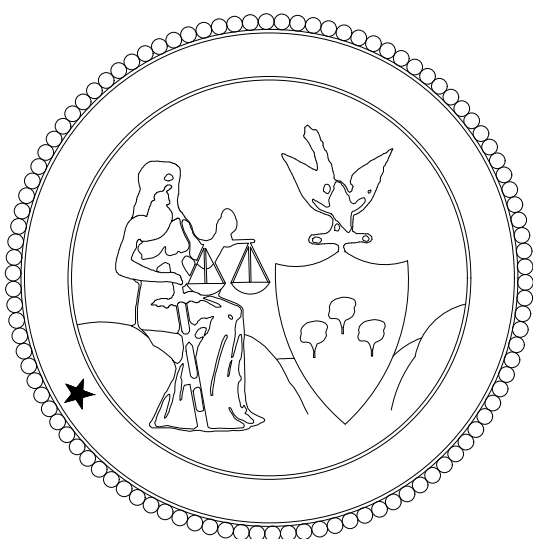
TOWN OF JOHNSON CITY
COUNTY OF BROOME
NEW YORK

NYS DOT PIN 9A10.53

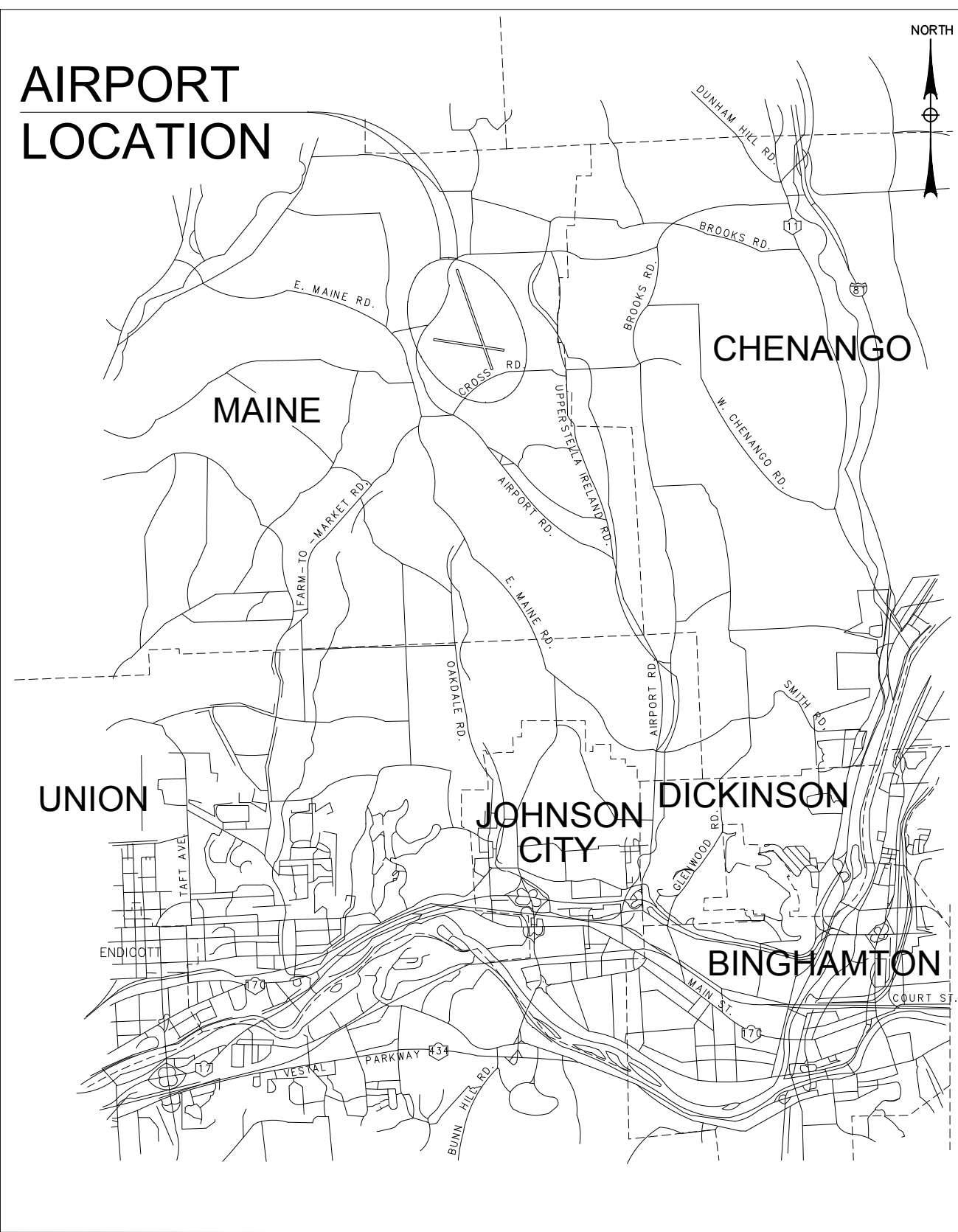


STATE NAME
LOCATION MAP

PREPARED FOR:



GREATER BINGHAMTON AIRPORT
2534 AIRPORT ROAD, BOX 16
TOWN OF JOHNSON CITY, NEW YORK
(607) 763-4471
WWW.BINGHAMTONAIRPORT.COM



VICINITY MAP

PREPARED BY:



49 COURT STREET, SUITE 240
BINGHAMTON, NEW YORK 13901



522 BRADLEY STREET
WATERTOWN, NY 13601



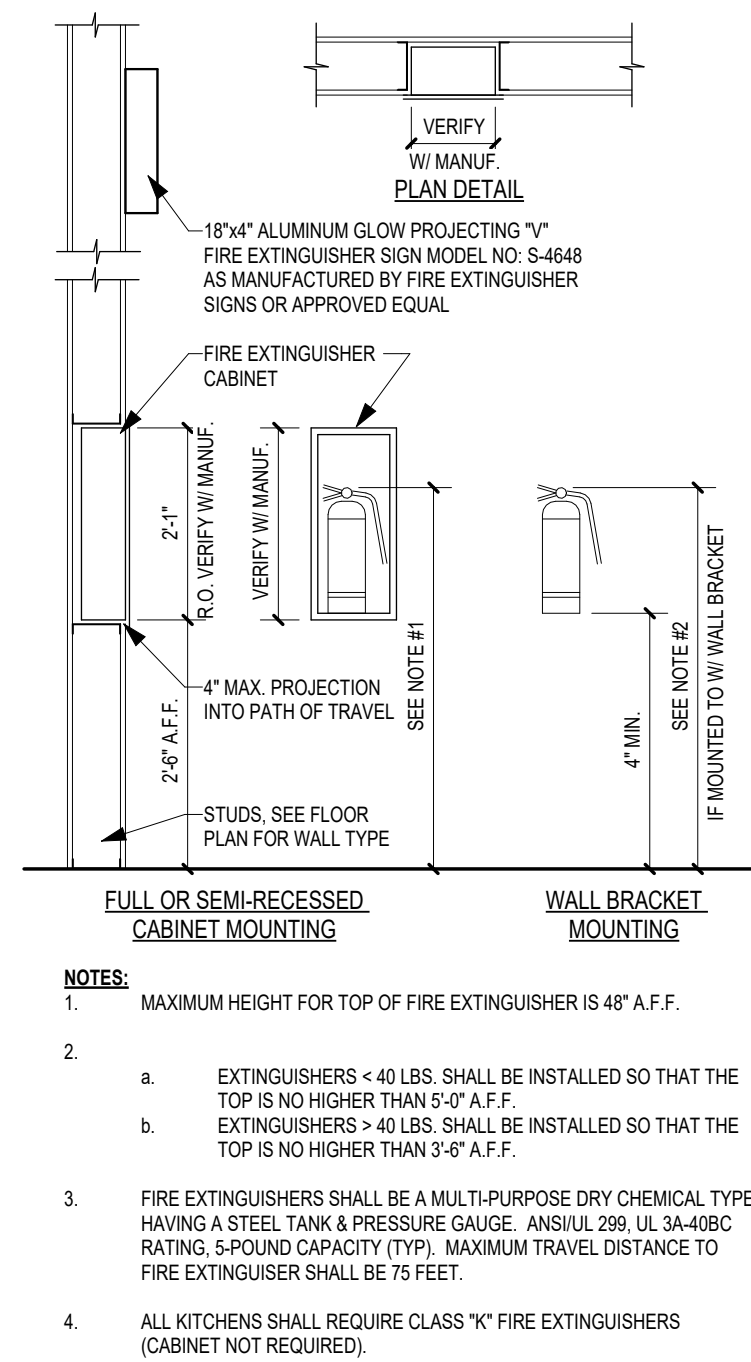
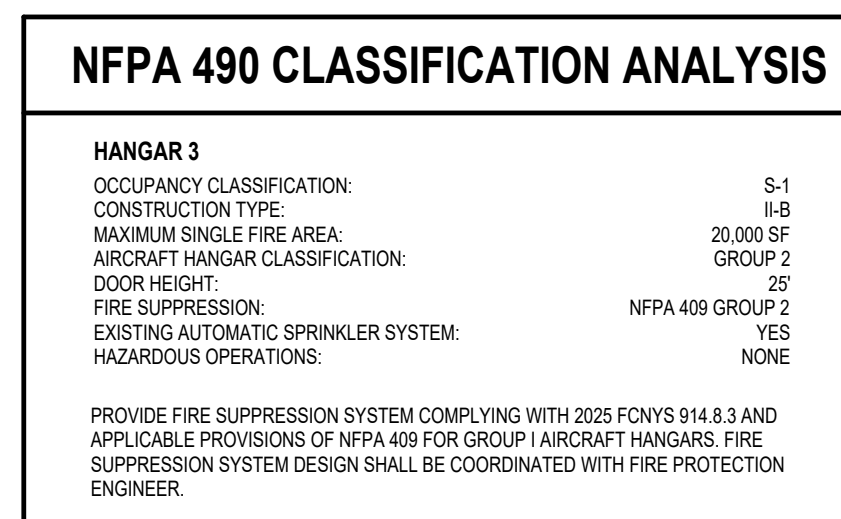
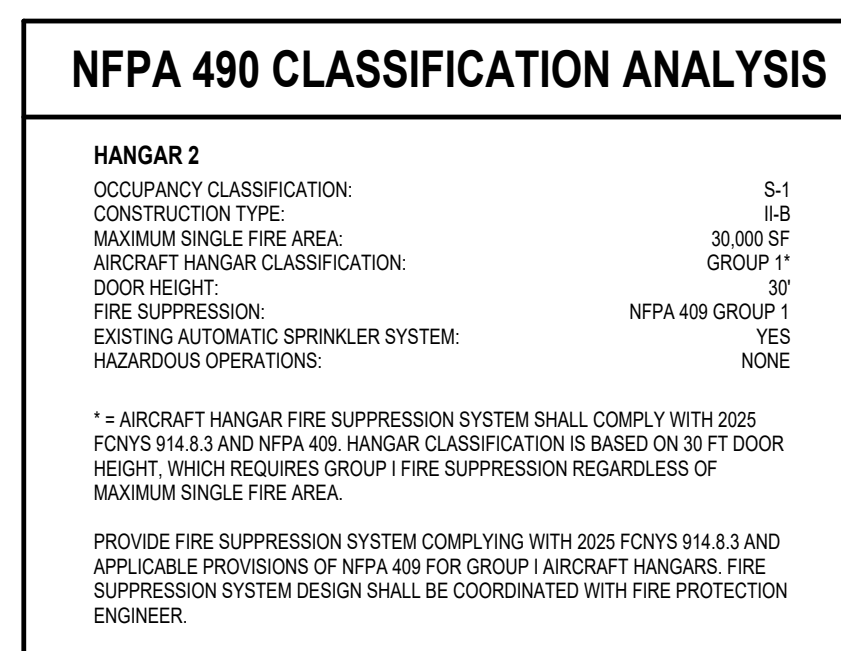
6100 FAIRWAY DR.
SYRACUSE, NY 13211

MJ PROJECT NO.: 19090.06

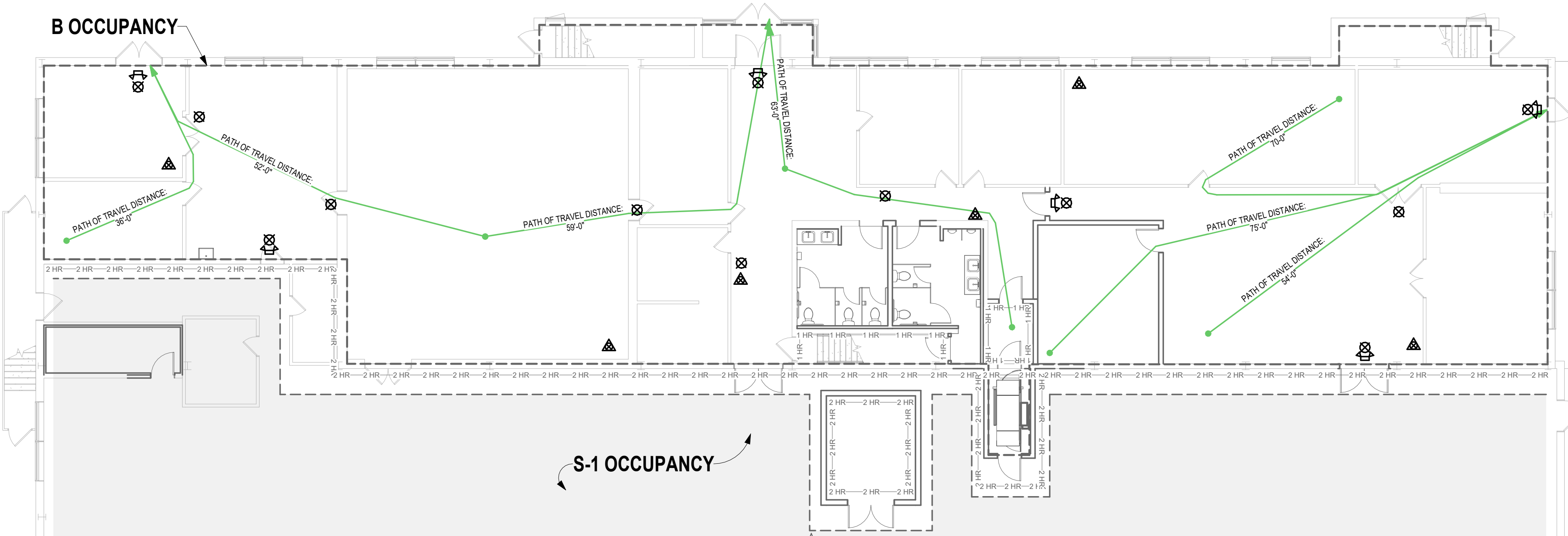
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PE NO	095257
PE DATE	SEPTEMBER 16, 2026



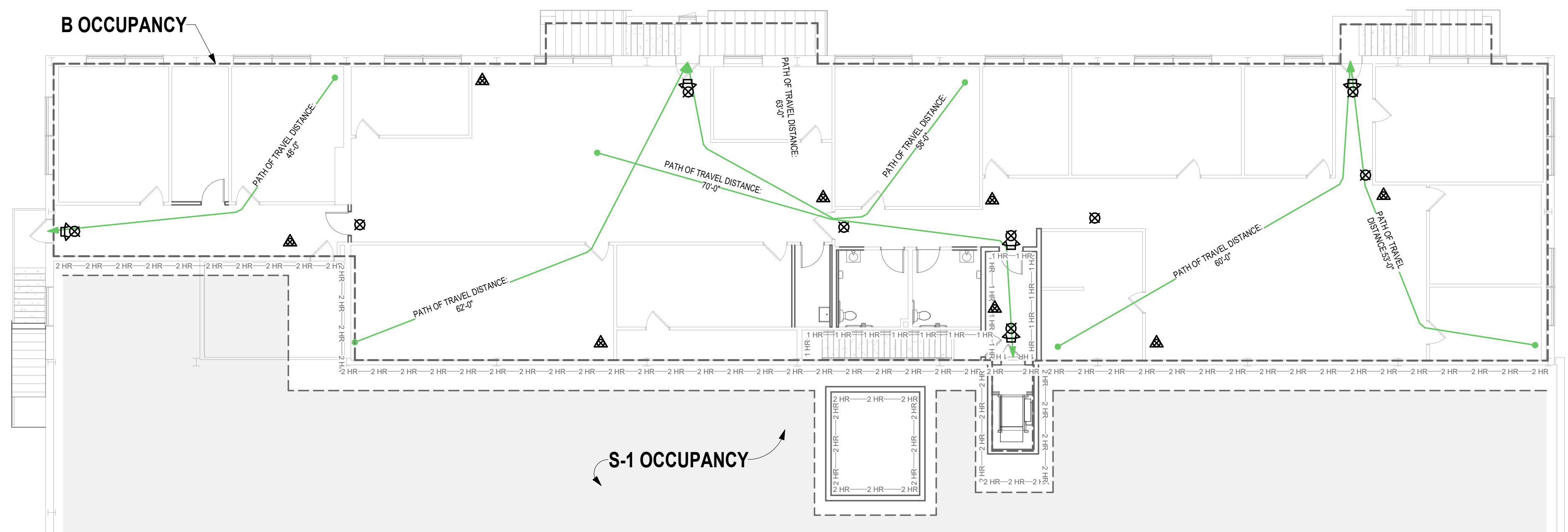
IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



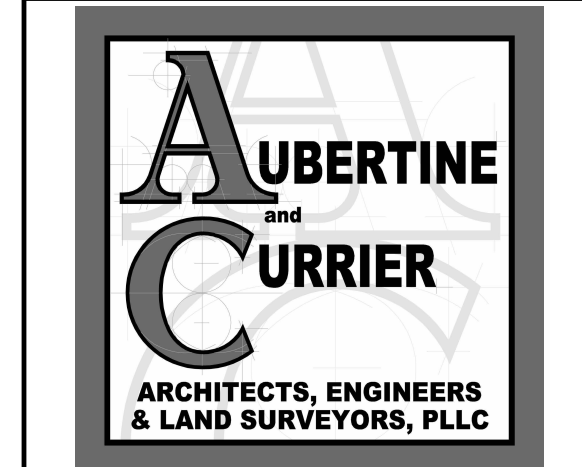
GENERAL CODE REQUIREMENTS				
Code Review Complies with 2025 NYS Existing Building Code				
CODE SECTION	TOPIC	REQUIRED or ALLOWED		PROPOSED or ACTUAL
EBC Chapter 8	Classification of Work -- Alteration-Level 2			
Code Review Complies with 2025 NYS Building Code				
CODE SECTION	TOPIC	REQUIRED or ALLOWED		PROPOSED or ACTUAL
Section 3				
302	Use & Occupancy Classification	S-1 B		Existing building with no change to use or occupancy
Section 4				
401	Special Detailed Requirements Based on Use and Occupancy			
412.3.6	Hangar Fire Suppression Requirement - Maximum Single Fire Area	30000 SF		25000 SF
412.3.6	NFPA 409 Group Classification	GROUP II		GROUP II
Section 5		Type 2B Construction		Type 2B Construction
Table 504	Allowable Height & Building Areas	S-1 : 55' B : 55'		Existing building
506.2.3	Area Modifications	N/A		N/A
508	Mixed Use Occupancies	Yes		S-1 B
508.2	Accessory Occupancies	N/A		N/A
508.3.2	Non-Separated Occupancies	N/A		N/A
Table 508.4	Required Separation Occupancies	NOT REQUIRED		2 HOURS
Table 509	Incidental Use Areas	N/A		N/A
Section 6				
Table 601	Fire Resistance Rating Requirements	Type 2B Construction		Type 2B Construction
	Structural Frame (including supporting beams and joists)	0		N/A
	Bearing Walls (Interior/Exterior)	0/0		N/A
	Non-Bearing Walls & Partitions (Interior)	0		0
	Floor Construction (including supporting beams and joists)	0		0
	Roof Construction (including supporting beams and joists)	0		0
602	Fire Resistant Rating for Exterior Walls based on Distance > than 30'	0		N/A
Section 7				
708	Fire Partitions	1 HOUR		1 HOUR
711	Horizontal Assemblies	N/A		N/A
713	Shaft Enclosures	1 hour		1 hour
Section 8				
Table 803.13	Interior Wall & Ceiling Finishes			
	Vertical Exits & Exit Passageways	S-1 : C B : A		S-1 : C B : A
	Exit Access Corridors & Other Exitways	S-1 : C B : B		S-1 : C B : B
	Rooms and Enclosed Spaces	S-1 : C B : C		S-1 : C B : C
Section 9				
903.2	Automatic Sprinkler System	Not Required		Not Provided
905	Standpipe Systems	Not Provided		Not Provided
906	Fire Extinguishers	Required		Provided
907.2.11	Fire Alarm & Detection Systems	Allowed		Not Required
910	Smoke and Heat Vents	Not Required		Not Provided
Section 10				
Table 1004.5	(B) Total Occupant Load: First Floor	150 occ./ 7400 s.f.		49
	(B) Total Occupant Load: Second Floor	150 occ./ 7400 s.f.		49
	(B) Total Occupant Load			98
1005.3.1	Egress Width per Occupant w/o Sprinklers (Stairs = .3"/Person)	14.7"		Existing Stair - No Change to Width (EBNYS 2025)
1005.3.2	Egress Width per Occupant w/o Sprinklers (Other Egress = .2"/Person)	19.6"		Min. 48" Provided
Table 1006.2.1	Buildings W/ One Exit	75'		Compliant
Table 1006.3.1	Minimum # of Exits 1-500 Occupants	2		>2
Table 1006.3.2	Spaces W/ One Means of Egress	75'		Compliant
1009	Accessible Means of Egress	Required		Provided
1009.3.3	Area of Refuge	Required		Min. 40" x 36" (EBNYS 2025)
1010.1.2.1	Door Swing	Either Direction		In direction of travel
1010.2.8	Panic Hardware	Not Required		Not Provided
1011.2	Stairway Width	Min. 44"		Existing Stair - No Change to Width (EBNYS 2025)
Table 1017.2	Exit Access Travel Distance	S-1 : 200' B : 200'		S-1 : ≥ 200' B : ≥200'
1020.2	Corridor Fire Rating	1		1
1020.3	Corridor Width	Occ. Load < 50 : 36"		Min. 48" Provided
1020.5	Dead End Corridor	20' Max		≥ 20'
1027	Exterior Exit Stairways and Ramps	N/A		N/A
1030	Assembly	N/A		N/A
Section 29				
Table 2902.1	Minimum Required Plumbing Facilities for (B) Occupancy			
	Waterclosets	(M) 1:25	1	(1st Floor: 2) (2nd Floor: 1)
		(F) 1:25	1	(1st Floor: 3) (2nd Floor: 1)
	Lavatories	(M) 1:40	1	(1st Floor: 2) (2nd Floor: 1)
		(F) 1:40	1	(1st Floor: 2) (2nd Floor: 1)
	Drinking Fountains	1:100	1	5 gallon water coolers by tenant
	Service Sink	1	1	(1st Floor: 1) (2nd Floor: 1)



FIRST FLOOR - LIFE SAFETY PLAN

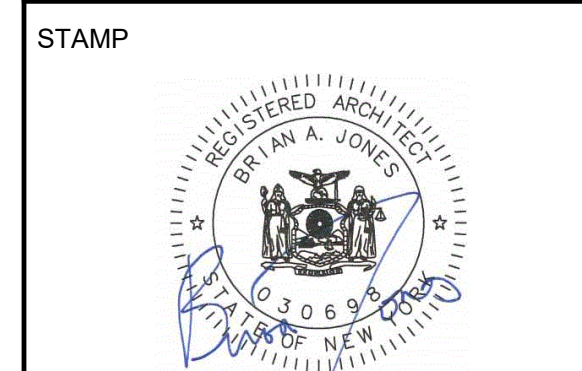


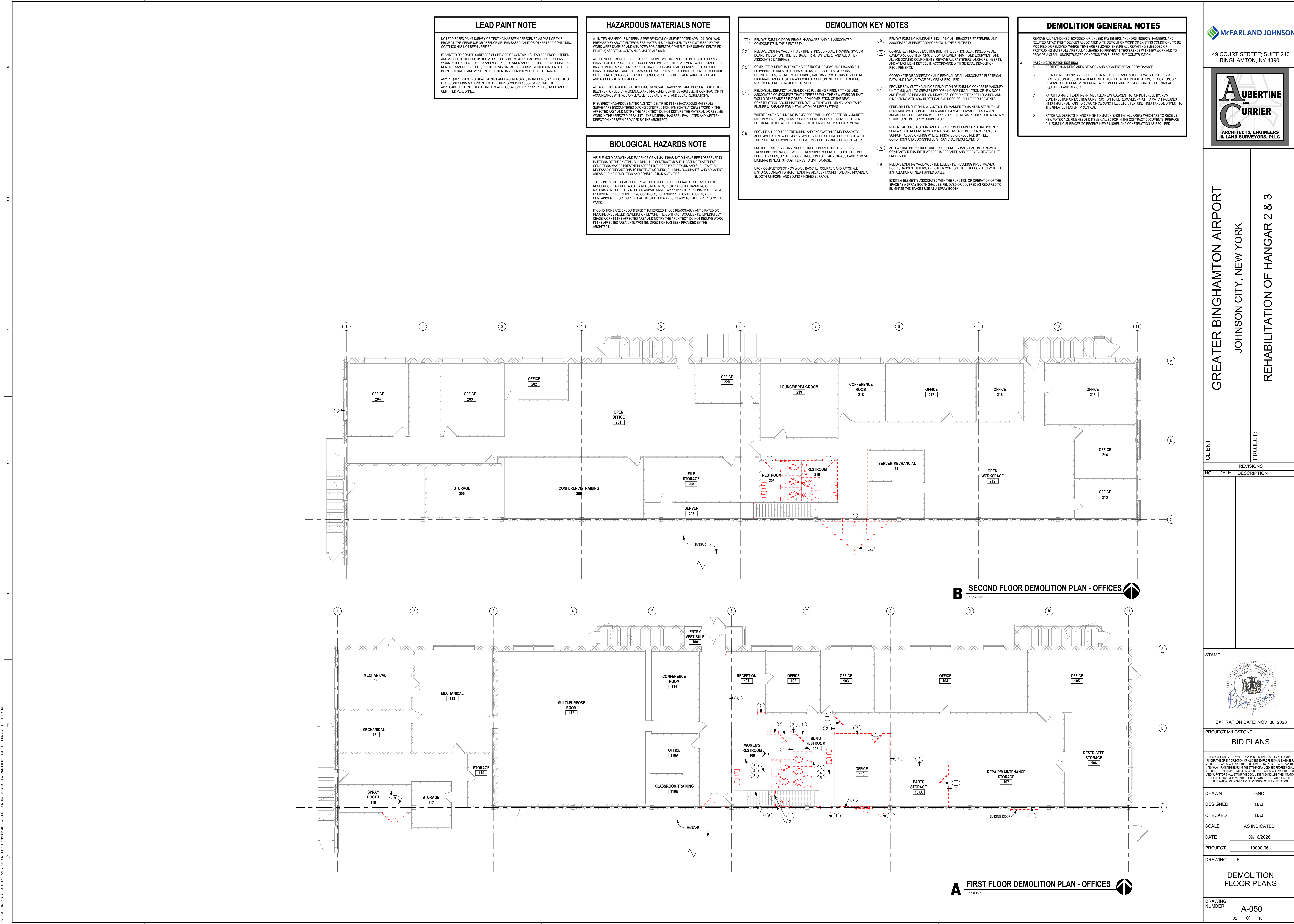
SECOND FLOOR - LIFE SAFETY PLAN



REVISIONS		
NO.	DATE	DESCRIPTION

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LEAD PAINT NOTE

NO LEAD-BASED PAINT SURVEY OR TESTING HAS BEEN PERFORMED AS PART OF THIS PROJECT. THE PRESENCE OR ABSENCE OF LEAD-BASED PAINT OR OTHER LEAD-CONTAINING COATINGS HAS NOT BEEN VERIFIED.

IF PAINTED OR COATED SURFACES SUSPECTED OF CONTAINING LEAD ARE ENCOUNTERED AND WILL BE DISTURBED BY THE WORK, THE CONTRACTOR SHALL IMMEDIATELY CEASE WORK IN THE AFFECTED AREA AND NOTIFY THE OWNER AND ARCHITECT. DO NOT DISTURB, REMOVE, SAND, GRIND, CUT, OR OTHERWISE IMPACT THE SUSPECT MATERIAL UNTIL IT HAS BEEN EVALUATED AND WRITTEN DIRECTION HAS BEEN PROVIDED BY THE OWNER.

ANY REQUIRED TESTING, ABATEMENT, HANDLING, REMOVAL, TRANSPORT, OR DISPOSAL OF LEAD-CONTAINING MATERIALS SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS BY PROPERLY LICENSED AND CERTIFIED PERSONNEL.

HAZARDOUS MATERIALS NOTE

A LIMITED HAZARDOUS MATERIALS PRE-RENOVATION SURVEY DATED APRIL 26, 2026, WAS PREPARED BY ARCTIC ENTERPRISES. MATERIALS ANTICIPATED TO BE DISTURBED BY THE WORK WERE SAMPLED AND ANALYZED FOR ASBESTOS CONTENT. THE SURVEY IDENTIFIED EIGHT (8) ASBESTOS-CONTAINING MATERIALS (ACM).

ALL IDENTIFIED ACM SCHEDULED FOR REMOVAL WAS INTENDED TO BE ABATED DURING PHASE 1 OF THE PROJECT. THE SCOPE AND LIMITS OF THE ABATEMENT WERE ESTABLISHED BASED ON THE ARCTIC ENTERPRISES HAZARDOUS MATERIALS SURVEY. REFER TO THE PHASE 1 DRAWINGS AND THE HAZARDOUS MATERIALS REPORT INCLUDED IN THE APPENDIX OF THE PROJECT MANUAL FOR THE LOCATIONS OF IDENTIFIED ACM, ABATEMENT LIMITS, AND ADDITIONAL INFORMATION.

ALL ASBESTOS ABATEMENT, HANDLING, REMOVAL, TRANSPORT, AND DISPOSAL SHALL HAVE BEEN PERFORMED BY A LICENSED AND PROPERLY CERTIFIED ABATEMENT CONTRACTOR IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

IF SUSPECT HAZARDOUS MATERIALS NOT IDENTIFIED IN THE HAZARDOUS MATERIALS SURVEY ARE ENCOUNTERED DURING CONSTRUCTION, IMMEDIATELY CEASE WORK IN THE AFFECTED AREA AND NOTIFY THE ARCHITECT. DO NOT DISTURB THE MATERIAL OR RESUME WORK IN THE AFFECTED AREA UNTIL THE MATERIAL HAS BEEN EVALUATED AND WRITTEN DIRECTION HAS BEEN PROVIDED BY THE ARCHITECT.

BIOLOGICAL HAZARDS NOTE

VISIBLE MOLD GROWTH AND EVIDENCE OF ANIMAL INHABITATION HAVE BEEN OBSERVED IN PORTIONS OF THE EXISTING BUILDING. THE CONTRACTOR SHALL ASSUME THAT THESE CONDITIONS MAY BE PRESENT IN AREAS DISTURBED BY THE WORK AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT WORKERS, BUILDING OCCUPANTS, AND ADJACENT AREAS DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.

THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS, AS WELL AS OSHA REQUIREMENTS, REGARDING THE HANDLING OF MATERIALS AFFECTED BY MOLD OR ANIMAL WASTE. APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE), ENGINEERING CONTROLS, DUST SUPPRESSION MEASURES, AND CONTAINMENT PROCEDURES SHALL BE UTILIZED AS NECESSARY TO SAFELY PERFORM THE WORK.

IF CONDITIONS ARE ENCOUNTERED THAT EXCEED THOSE REASONABLY ANTICIPATED OR REQUIRE SPECIALIZED REMEDIATION BEYOND THE CONTRACT DOCUMENTS, IMMEDIATELY CEASE WORK IN THE AFFECTED AREA AND NOTIFY THE ARCHITECT. DO NOT RESUME WORK IN THE AFFECTED AREA UNTIL WRITTEN DIRECTION HAS BEEN PROVIDED BY THE ARCHITECT.

- DEMOLITION KEY NOTES**
- REMOVE EXISTING DOOR, FRAME, HARDWARE, AND ALL ASSOCIATED COMPONENTS IN THEIR ENTIRETY.
 - REMOVE EXISTING WALL IN ITS ENTIRETY, INCLUDING ALL FRAMING, GYPSUM BOARD, INSULATION, FINISHES, BASE, TRIM, FASTENERS, AND ALL OTHER ASSOCIATED MATERIALS.
 - COMPLETELY DEMOLISH EXISTING RESTROOM. REMOVE AND DISCARD ALL PLUMBING FIXTURES, TOILET PARTITIONS, ACCESSORIES, MIRRORS, COUNTERTOPS, CABINETRY, FLOORING, WALL BASE, WALL FINISHES, CEILING MATERIALS, AND ALL OTHER ASSOCIATED COMPONENTS OF THE EXISTING RESTROOM, UNLESS NOTED OTHERWISE.
 - REMOVE ALL DEFUNCT OR ABANDONED PLUMBING PIPING, FITTINGS, AND ASSOCIATED COMPONENTS THAT INTERFERE WITH THE NEW WORK OR THAT WOULD OTHERWISE BE EXPOSED UPON COMPLETION OF THE NEW CONSTRUCTION. COORDINATE REMOVAL WITH NEW PLUMBING LAYOUTS TO ENSURE CLEARANCE FOR INSTALLATION OF NEW SYSTEMS.
 - WHERE EXISTING PLUMBING IS EMBEDDED WITHIN CONCRETE OR CONCRETE MASONRY UNIT (CMU) CONSTRUCTION, DEMOLISH AND REMOVE SUFFICIENT PORTIONS OF THE AFFECTED MATERIAL TO FACILITATE PROPER REMOVAL.
 - PROVIDE ALL REQUIRED TRENCHING AND EXCAVATION AS NECESSARY TO ACCOMMODATE NEW PLUMBING LAYOUTS. REFER TO AND COORDINATE WITH THE PLUMBING DRAWINGS FOR LOCATIONS, DEPTHS, AND EXTENT OF WORK.
 - PROTECT EXISTING ADJACENT CONSTRUCTION AND UTILITIES DURING TRENCHING OPERATIONS WHERE TRENCHING OCCURS THROUGH EXISTING SLABS, FINISHES, OR OTHER CONSTRUCTION TO REMAIN. SAWCUT AND REMOVE MATERIAL IN NEAT, STRAIGHT LINES TO LIMIT DAMAGE.
 - UPON COMPLETION OF NEW WORK, BACKFILL, COMPACT, AND PATCH ALL DISTURBED AREAS TO MATCH EXISTING ADJACENT CONDITIONS AND PROVIDE A SMOOTH, UNIFORM, AND SOUND FINISHED SURFACE.
 - REMOVE EXISTING HANDRAILS, INCLUDING ALL BRACKETS, FASTENERS, AND ASSOCIATED SUPPORT COMPONENTS, IN THEIR ENTIRETY.
 - COMPLETELY REMOVE EXISTING BUILT-IN RECEPTION DESK, INCLUDING ALL CASEWORK, COUNTERTOPS, SHELVING, BASES, TRIM, FIXED EQUIPMENT, AND ALL ASSOCIATED COMPONENTS. REMOVE ALL FASTENERS, ANCHORS, INSERTS, AND ATTACHMENT DEVICES IN ACCORDANCE WITH GENERAL DEMOLITION REQUIREMENTS.
 - COORDINATE DISCONNECTION AND REMOVAL OF ALL ASSOCIATED ELECTRICAL, DATA, AND LOW-VOLTAGE DEVICES AS REQUIRED.
 - PROVIDE SAW-CUTTING AND/OR DEMOLITION OF EXISTING CONCRETE MASONRY UNIT (CMU) WALL TO CREATE NEW OPENING FOR INSTALLATION OF NEW DOOR AND FRAME, AS INDICATED ON DRAWINGS. COORDINATE EXACT LOCATION AND DIMENSIONS WITH ARCHITECTURAL AND DOOR SCHEDULE REQUIREMENTS.
 - PERFORM DEMOLITION IN A CONTROLLED MANNER TO MAINTAIN STABILITY OF REMAINING WALL CONSTRUCTION AND TO MINIMIZE DAMAGE TO ADJACENT AREAS. PROVIDE TEMPORARY SHORING OR BRACING AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY DURING WORK.
 - REMOVE ALL CMU, MORTAR, AND DEBRIS FROM OPENING AREA AND PREPARE SURFACES TO RECEIVE NEW DOOR FRAME. INSTALL UNIL OR STRUCTURAL SUPPORT ABOVE OPENING WHERE INDICATED OR REQUIRED BY FIELD CONDITIONS AND COORDINATED STRUCTURAL REQUIREMENTS.
 - ALL EXISTING INFRASTRUCTURE FOR DEFUNCT CRANE SHALL BE REMOVED. CONTRACTOR ENSURE THAT AREA IS PREPARED AND READY TO RECEIVE LIFT ENCLOSURE.
 - REMOVE EXISTING WALL-MOUNTED ELEMENTS, INCLUDING PIPES, VALVES, HOSES, GAUGES, FILTERS, AND OTHER COMPONENTS THAT CONFLICT WITH THE INSTALLATION OF NEW FURRED WALLS.
 - EXISTING ELEMENTS ASSOCIATED WITH THE FUNCTION OR OPERATION OF THE SPACE AS A SPRAY BOOTH SHALL BE REMOVED OR COVERED AS REQUIRED TO ELIMINATE THE SPACE'S USE AS A SPRAY BOOTH.

- DEMOLITION GENERAL NOTES**
- REMOVE ALL ABANDONED, EXPOSED, OR UNUSED FASTENERS, ANCHORS, INSERTS, HANGERS, AND RELATED ATTACHMENT DEVICES ASSOCIATED WITH DEMOLITION WORK OR EXISTING CONDITIONS TO BE MODIFIED OR REMOVED, WHERE ITEMS ARE REMOVED, ENSURE ALL REMAINING EMBEDDED OR PROTRUDING MATERIALS ARE FULLY CLEARED TO PREVENT INTERFERENCE WITH NEW WORK AND TO PROVIDE A CLEAN, UNOBSTRUCTED CONDITION FOR SUBSEQUENT CONSTRUCTION.
 - PATCHING TO MATCH EXISTING:**
 - PROTECT NON-DEMO AREA OF WORK AND ADJACENT AREAS FROM DAMAGE.
 - PROVIDE ALL OPENINGS REQUIRED FOR ALL TRADES AND PATCH TO MATCH EXISTING. AT EXISTING CONSTRUCTION ALTERED OR DISTURBED BY THE INSTALLATION, RELOCATION, OR REMOVAL OF HEATING, VENTILATING, AIR CONDITIONING, PLUMBING AND/OR ELECTRICAL EQUIPMENT AND DEVICES.
 - PATCH TO MATCH EXISTING (PTME), ALL AREAS ADJACENT TO, OR DISTURBED BY, NEW CONSTRUCTION OR EXISTING CONSTRUCTION TO BE REMOVED. PATCH TO MATCH INCLUDES FINISH MATERIAL, PAINT OR VMC OR CERAMIC TILE, ETC.) TEXTURE, FINISH AND ALIGNMENT TO THE GREATEST EXTENT PRACTICAL.
 - PATCH ALL DEFECTS IN, AND FINISH TO MATCH EXISTING, ALL AREAS WHICH ARE TO RECEIVE NEW MATERIALS, FINISHES AND ITEMS CALLED FOR IN THE CONTRACT DOCUMENTS. PREPARE ALL EXISTING SURFACES TO RECEIVE NEW FINISHES AND CONSTRUCTION AS REQUIRED.



49 COURT STREET, SUITE 240
BINGHAMTON, NY 13901

AUBERTINE
and
CURRIER

ARCHITECTS, ENGINEERS
& LAND SURVEYORS, PLLC

GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

REHABILITATION OF HANGAR 2 & 3

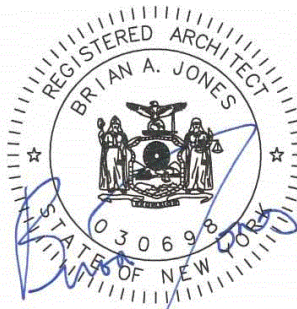
CLIENT:

PROJECT:

REVISIONS

NO.	DATE	DESCRIPTION

STAMP



EXPIRATION DATE: NOV. 30, 2028

PROJECT MILESTONE

BID PLANS

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DRAWN

GNC

DESIGNED

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SCALE

AS INDICATED

DATE

09/16/2026

PROJECT

19090.06

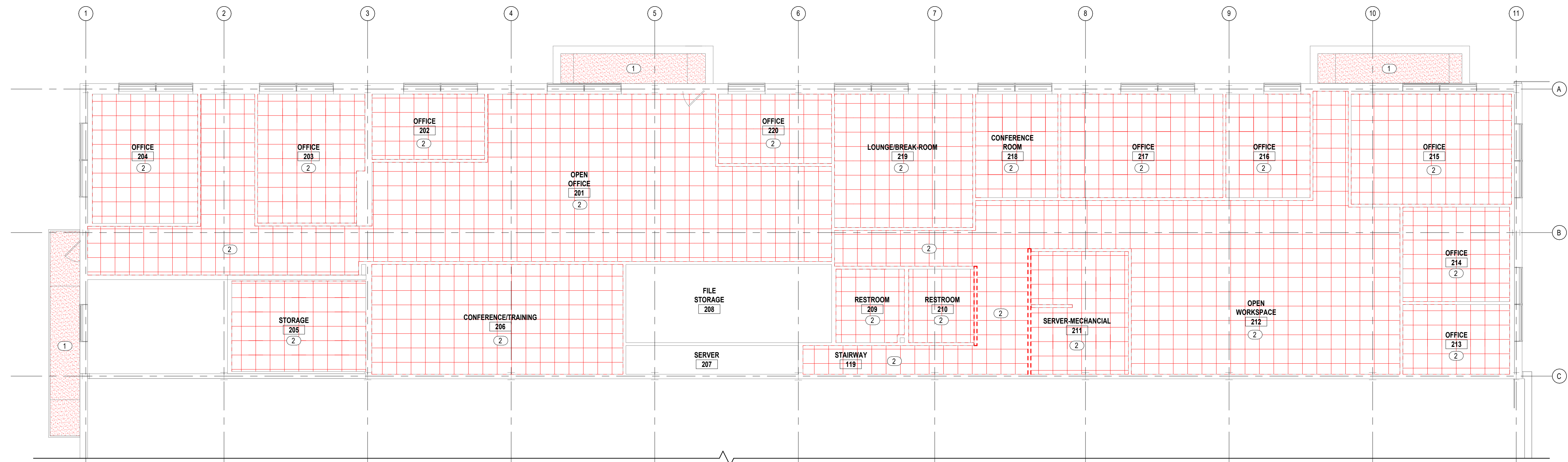
DRAWING TITLE

DEMOLITION FLOOR PLANS

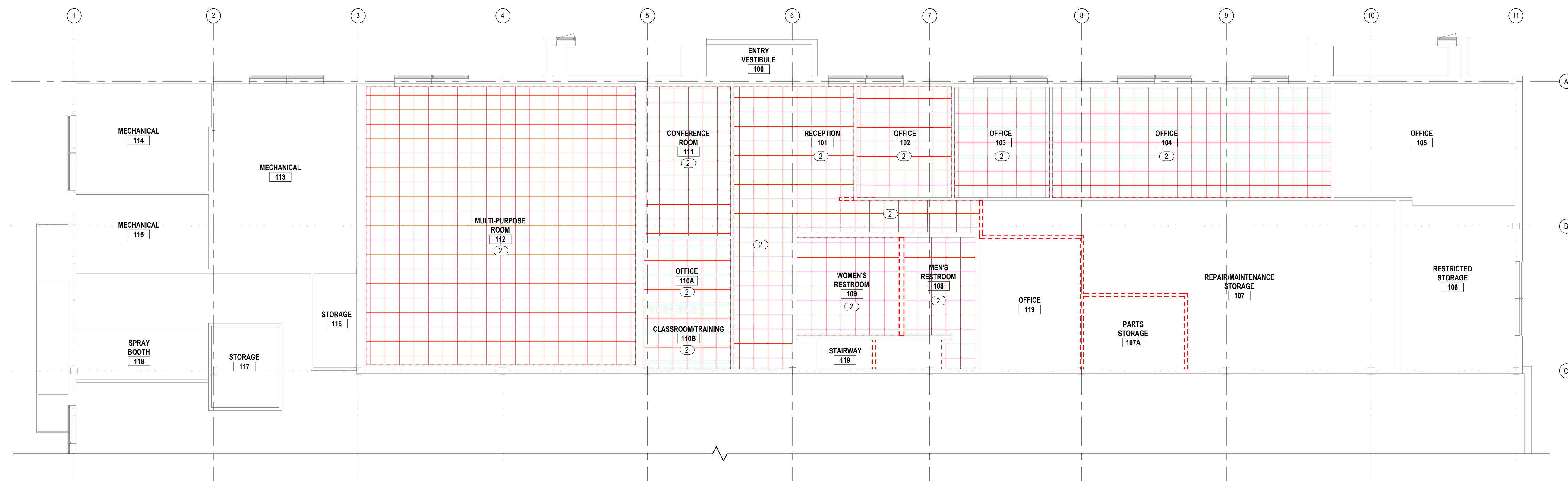
DRAWING NUMBER

A-050

02 OF 10



B SECOND FLOOR RCP - DEMOLITION 



A FIRST FLOOR RCP - DEMOLITION 

HAZARDOUS MATERIALS NOTE

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ALL IDENTIFIED ACM SCHEDULED FOR REMOVAL WAS INTENDED TO BE ABATED DURING PHASE 1 OF THE PROJECT. THE SCOPE AND LIMITS OF THE ABATEMENT WERE ESTABLISHED BASED ON THE ARCTIC ENTERPRISES HAZARDOUS MATERIALS SURVEY AND CONDITIONS ACCESSIBLE AT THE TIME OF THE SURVEY. REFER TO THE PHASE 1 DRAWINGS AND THE HAZARDOUS MATERIALS REPORT INCLUDED IN THE APPENDIX OF THE PROJECT MANUAL FOR THE LOCATIONS OF IDENTIFIED ACM, ABATEMENT LIMITS, AND ADDITIONAL INFORMATION.

CONCEALED OR INACCESSIBLE ACM MAY REMAIN IN AREAS NOT ACCESSIBLE FOR SAMPLING OR ABATEMENT DURING PHASE 1, INCLUDING, BUT NOT LIMITED TO, MATERIALS LOCATED BENEATH, BEHIND, OR WITHIN EXISTING WALLS. CONTRACTOR SHALL BE AWARE THAT ACM MAY BE ENCOUNTERED DURING DEMOLITION OF EXISTING WALLS OR OTHER CONSTRUCTION ACTIVITIES, INCLUDING WALLS IDENTIFIED FOR DEMOLITION ON THE CONTRACT DOCUMENTS. THE IDENTIFICATION OF A WALL FOR DEMOLITION SHALL NOT BE CONSTRUED AS CONFIRMATION THAT ALL MATERIALS CONCEALED WITHIN OR BEHIND THE WALL HAVE BEEN PREVIOUSLY ABATED.

ALL ASBESTOS ABATEMENT, HANDLING, REMOVAL, TRANSPORT, AND DISPOSAL SHALL BE PERFORMED BY A LICENSED AND PROPERLY CERTIFIED ABATEMENT CONTRACTOR IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

IF SUSPECT HAZARDOUS MATERIALS, INCLUDING SUSPECT ACM NOT IDENTIFIED OR PREVIOUSLY ABATED, ARE ENCOUNTERED DURING CONSTRUCTION, IMMEDIATELY CEASE WORK IN THE AFFECTED AREA AND NOTIFY THE ARCHITECT. DO NOT DISTURB, REMOVE, OR OTHERWISE IMPACT THE SUSPECT MATERIAL OR RESUME WORK IN THE AFFECTED AREA UNTIL THE MATERIAL HAS BEEN EVALUATED AND WRITTEN DIRECTION HAS BEEN PROVIDED BY THE ARCHITECT.

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BIOLOGICAL HAZARDS NOTE

DEMOLITION KEY NOTES

- ① DEMOLISH AND REMOVE THE EXISTING GYPSUM BOARD CEILING, INCLUDING GYPSUM BOARD PANELS, FRAMING, SUSPENSION MEMBERS, IF APPLICABLE, TRIM, FASTENERS, AND ALL ASSOCIATED COMPONENTS, AS INDICATED ON THE DRAWINGS.
- ② REMOVE AND DISPOSE OF EXISTING ACOUSTIC CEILING TILE SYSTEM, INCLUDING CEILING TILES, SUSPENSION GRID, HANGERS, TRIM, AND ALL ASSOCIATED COMPONENTS, WHERE INDICATED ON THE DRAWINGS. COORDINATE DEMOLITION ACTIVITIES WITH THE GENERAL CONTRACTOR AND PROTECT EXISTING BUILDING ELEMENTS SCHEDULED TO REMAIN. REPAIR OR PATCH SURFACES DAMAGED AS A RESULT OF DEMOLITION ACTIVITIES AS REQUIRED TO RECEIVE NEW WORK.

LEAD PAINT NOTE

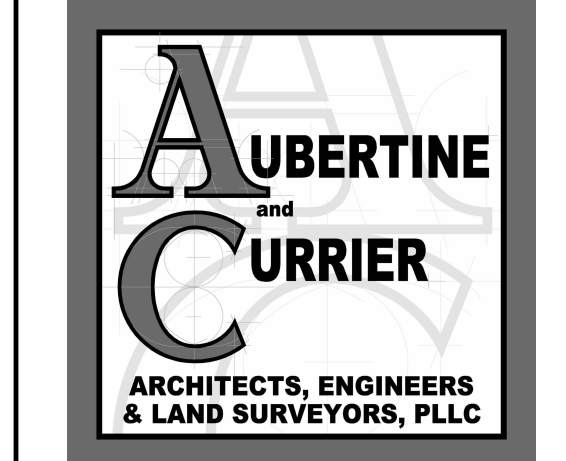
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IF PAINTED OR COATED SURFACES SUSPECTED OF CONTAINING LEAD ARE ENCOUNTERED AND WILL BE DISTURBED BY THE WORK, THE CONTRACTOR SHALL IMMEDIATELY CEASE WORK IN THE AFFECTED AREA AND NOTIFY THE OWNER AND ARCHITECT. DO NOT DISTURB, REMOVE, SAND, GRIND, CUT, OR OTHERWISE IMPACT THE SUSPECT MATERIAL UNTIL IT HAS BEEN EVALUATED AND WRITTEN DIRECTION HAS BEEN PROVIDED BY THE OWNER.

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49 COURT STREET; SUITE 240
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GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

REHABILITATION OF HANGAR 2 & 3

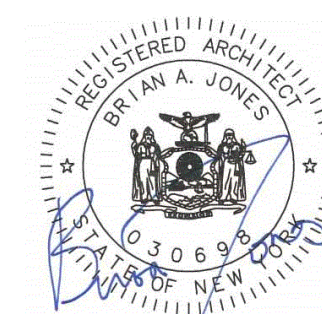
CLIENT:

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STAMP



EXPIRATION DATE: NOV. 30, 2028

PROJECT MILESTONE

BID PLANS

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL, ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DRAWN	GNC
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DESIGNED BAJ

CHECKED	BAJ
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SCALE AS INDICATED

DATE 09/16/2026

PROJECT	19090.06
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DRAWING TITLE

DEMOLITION

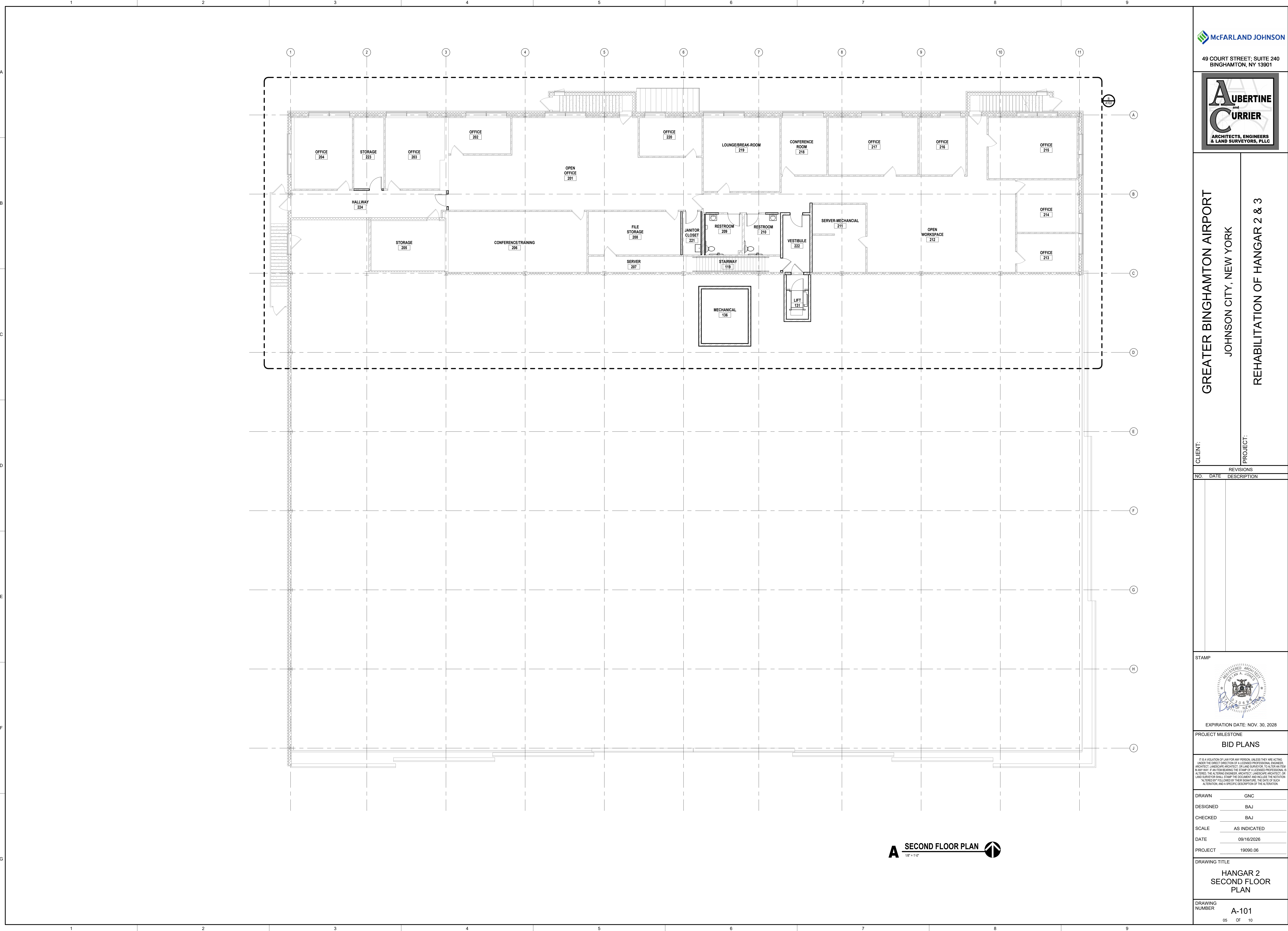
REFLECTED CEILING
PLANS

1. NAME 2. DATE 3. TIME 4. LOCATION 5. WEATHER 6. WIND 7. SEA 8. WAVE 9. SWELL 10. WIND 11. SEA 12. WAVE 13. SWELL 14. WIND 15. SEA 16. WAVE 17. SWELL 18. WIND 19. SEA 20. WAVE 21. SWELL 22. WIND 23. SEA 24. WAVE 25. SWELL 26. WIND 27. SEA 28. WAVE 29. SWELL 30. WIND 31. SEA 32. WAVE 33. SWELL 34. WIND 35. SEA 36. WAVE 37. SWELL 38. WIND 39. SEA 40. WAVE 41. SWELL 42. WIND 43. SEA 44. WAVE 45. SWELL 46. WIND 47. SEA 48. WAVE 49. SWELL 50. WIND 51. SEA 52. WAVE 53. SWELL 54. WIND 55. SEA 56. WAVE 57. SWELL 58. WIND 59. SEA 60. WAVE 61. SWELL 62. WIND 63. SEA 64. WAVE 65. SWELL 66. WIND 67. SEA 68. WAVE 69. SWELL 70. WIND 71. SEA 72. WAVE 73. SWELL 74. WIND 75. SEA 76. WAVE 77. SWELL 78. WIND 79. SEA 80. WAVE 81. SWELL 82. WIND 83. SEA 84. WAVE 85. SWELL 86. WIND 87. SEA 88. WAVE 89. SWELL 90. WIND 91. SEA 92. WAVE 93. SWELL 94. WIND 95. SEA 96. WAVE 97. SWELL 98. WIND 99. SEA 100. WAVE 101. SWELL 102. WIND 103. SEA 104. WAVE 105. SWELL 106. WIND 107. SEA 108. WAVE 109. SWELL 110. WIND 111. SEA 112. WAVE 113. SWELL 114. WIND 115. SEA 116. WAVE 117. SWELL 118. WIND 119. SEA 120. WAVE 121. SWELL 122. WIND 123. SEA 124. WAVE 125. SWELL 126. WIND 127. SEA 128. WAVE 129. SWELL 130. WIND 131. SEA 132. WAVE 133. SWELL 134. WIND 135. SEA 136. WAVE 137. SWELL 138. WIND 139. SEA 140. WAVE 141. SWELL 142. WIND 143. SEA 144. WAVE 145. SWELL 146. WIND 147. SEA 148. WAVE 149. SWELL 150. WIND 151. SEA 152. WAVE 153. SWELL 154. WIND 155. SEA 156. WAVE 157. SWELL 158. WIND 159. SEA 160. WAVE 161. SWELL 162. WIND 163. SEA 164. WAVE 165. SWELL 166. WIND 167. SEA 168. WAVE 169. SWELL 170. WIND 171. SEA 172. WAVE 173. SWELL 174. WIND 175. SEA 176. WAVE 177. SWELL 178. WIND 179. SEA 180. WAVE 181. SWELL 182. WIND 183. SEA 184. WAVE 185. SWELL 186. WIND 187. SEA 188. WAVE 189. SWELL 190. WIND 191. SEA 192. WAVE 193. SWELL 194. WIND 195. SEA 196. WAVE 197. SWELL 198. WIND 199. SEA 200. WAVE 201. SWELL 202. WIND 203. SEA 204. WAVE 205. SWELL 206. WIND 207. SEA 208. WAVE 209. SWELL 210. WIND 211. SEA 212. WAVE 213. SWELL 214. WIND 215. SEA 216. WAVE 217. SWELL 218. WIND 219. SEA 220. WAVE 221. SWELL 222. WIND 223. SEA 224. WAVE 225. SWELL 226. WIND 227. SEA 228. WAVE 229. SWELL 230. WIND 231. SEA 232. WAVE 233. SWELL 234. WIND 235. SEA 236. WAVE 237. SWELL 238. WIND 239. SEA 240. WAVE 241. SWELL 242. WIND 243. SEA 244. WAVE 245. SWELL 246. WIND 247. SEA 248. WAVE 249. SWELL 250. WIND 251. <

DRAWING
NUMBER A-051

03 OF 10





49 COURT STREET; SUITE 240
BINGHAMTON, NY 13901



CLIENT: GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

PROJECT: REHABILITATION OF HANGAR 2 & 3

CLIENT:

PROJECT:

REVISIONS		
NO.	DATE	DESCRIPTION

STAMP

EXPIRATION DATE: NOV. 30, 2028

PROJECT MILESTONE
BID PLANS

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER IN ANY WAY, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DRAWN	GNC
DESIGNED	BAJ
CHECKED	BAJ
SCALE	AS INDICATED
DATE	09/16/2026
PROJECT	19090.06

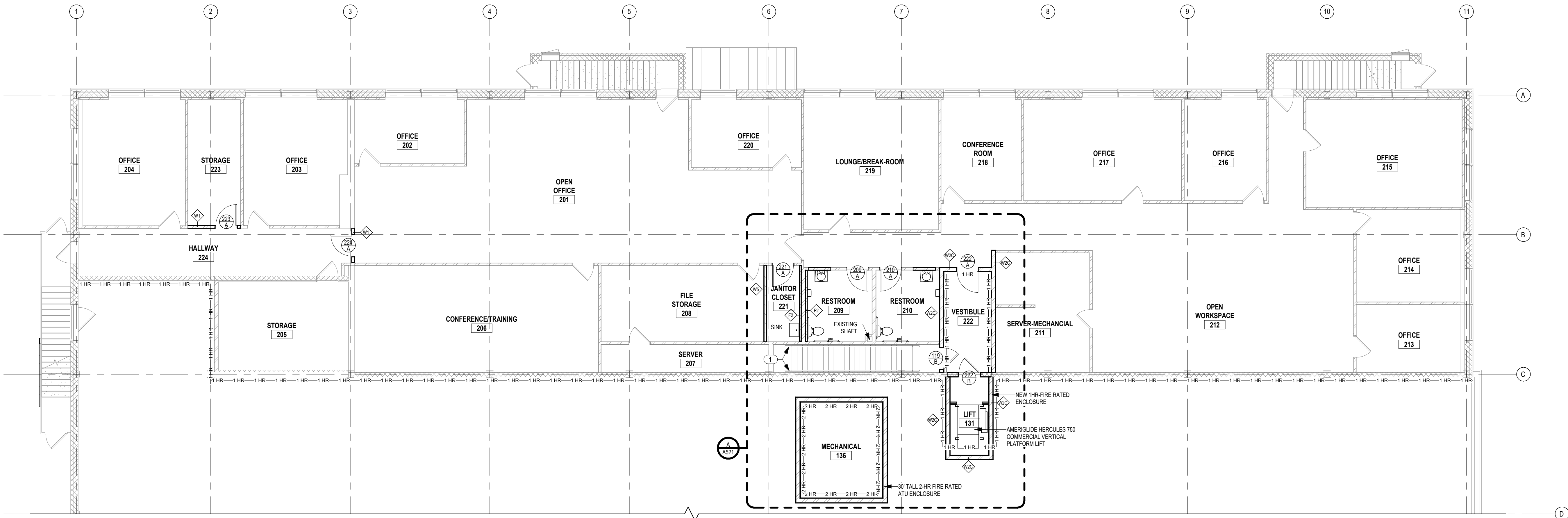
DRAWING TITLE
**HANGAR 2
SECOND FLOOR
PLAN**

DRAWING NUMBER
A-101
05 OF 10

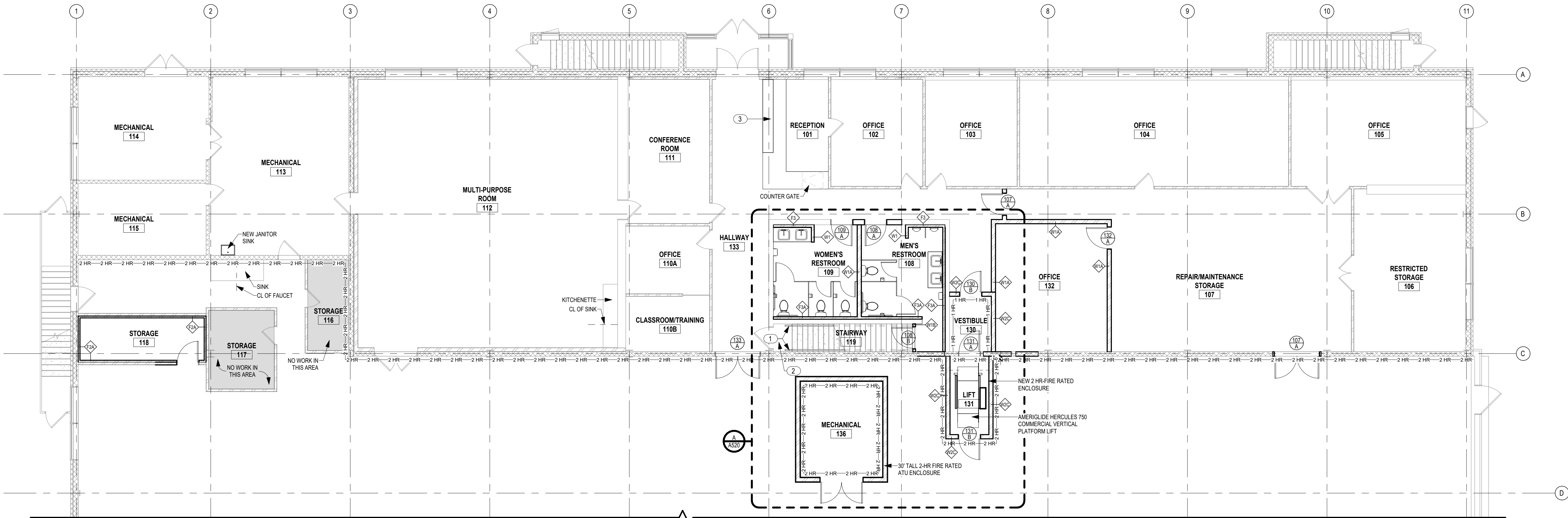
FURRED WALL ASSEMBLIES				
TYPE	FIRE TEST DESIGN No.	FIRE RATING	SECTION	BASIC COMPONENTS
F2	-	-		• 5/8" GYPSUM WALLBOARD • 2 1/2" METAL STUDS AT 16" O.C. WITH 2" SOUND ATTENUATION BATTS.
F3 F3A	-	-		• 5/8" GYPSUM WALLBOARD • 3 5/8" METAL STUDS AT 16" O.C. WITH 2" SOUND ATTENUATION BATTS F3A - 3 5/8" METAL STUDS AT 16" O.C. WITHOUT SOUND ATTENUATION BATTS

WALL ASSEMBLIES				
TYPE	FIRE TEST DESIGN No.	FIRE RATING	SECTION	BASIC COMPONENTS
W1 W1A W1B	-	-		• 5/8" GYPSUM WALLBOARD • 3 5/8" METAL STUDS AT 16" O.C. WITH 2" SOUND ATTENUATION BATTS. • 5/8" GYPSUM WALLBOARD W1A - 6" METAL STUDS @ 16" O.C. WITH 2" SOUND ATTENUATION BATTS. W1B - 3 5/8" METAL STUDS @ 16" O.C. WITHOUT SOUND BATTS
W2C	UL-U419	1HR		W2C - 6" METAL STUDS @ 16" O.C. WITH (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE
W5	-	-		• 5/8" GYPSUM WALLBOARD • 2x4 STUDS @ 16" O.C. WITH 2" SOUND ATTENUATION BATTS • 5/8" GYPSUM WALLBOARD

NEW WORK KEY NOTES	
1	PROVIDE AND INSTALL NEW CODE COMPLIANT HANDRAILS AT LOCATIONS INDICATED ON THE DRAWINGS AND AS REQUIRED BY APPLICABLE BUILDING CODES. HANDRAILS SHALL COMPLY WITH ALL APPLICABLE ACCESSIBILITY REQUIREMENTS, INCLUDING CONTINUOUS GRASPABLE SURFACES, PROPER HEIGHTS, CLEARANCES, AND EXTENSIONS AT TERMINUS CONDITIONS. ANCHOR HANDRAILS SECURELY TO STRUCTURE USING MANUFACTURER'S RECOMMENDED METHODS AND FASTENERS SUITABLE FOR SUBSTRATE CONDITIONS. COORDINATE ALL MOUNTING CONDITIONS WITH FIELD CONDITIONS AND ADJACENT CONSTRUCTION.
2	PROVIDE ALL REQUIRED ACCESSORIES, RETURNS, BRACKETS, AND TRANSITIONS FOR A COMPLETE AND FINISHED INSTALLATION. ENSURE ALL WORK IS INSTALLED PLUMB, LEVEL, AND FREE OF DEFECTS, AND READY FOR FINAL INSPECTION AND USE. SING DOOR, FRAME, HARDWARE, AND ALL ASSOCIATED COMPONENTS IN THEIR ENTIRETY.
3	REPLACE ANY FITTINGS REMOVED OR AFFECTED BY HAZARDOUS MATERIALS REMOVAL PERFORMED DURING PHASE 1.
4	PROVIDE AND INSTALL A NEW BUILT-IN RECEPTION DESK COMPLETE WITH CASEWORK, COUNTERTOPS, TRANSACTION COUNTER, SUPPORT FRAMING, FINISHES, HARDWARE, AND ALL ACCESSORIES REQUIRED FOR A COMPLETE AND FUNCTIONAL INSTALLATION. FABRICATE AND INSTALL THE RECEPTION DESK IN ACCORDANCE WITH THE DRAWINGS, DETAILS. COORDINATE THE INSTALLATION OF ALL REQUIRED ELECTRICAL, DATA, COMMUNICATIONS, AND OTHER UTILITIES SERVING THE RECEPTION DESK WITH THE APPROPRIATE TRADES. VERIFY ALL FIELD DIMENSIONS PRIOR TO FABRICATION AND INSTALL THE RECEPTION DESK PLUMB, LEVEL, AND TRUE TO LINE.



B SECOND FLOOR PLAN - OFFICES
1/8" = 1'-0"



A FIRST FLOOR - OFFICES
1/8" = 1'-0"



49 COURT STREET; SUITE 240
BINGHAMTON, NY 13901



GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

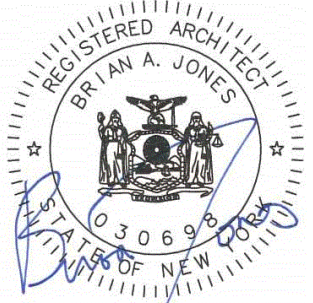
REHABILITATION OF HANGAR 2 & 3

CLIENT:

PROJECT:

REVISIONS
NO. DATE DESCRIPTION

STAMP



EXPIRATION DATE: NOV. 30, 2028

PROJECT MILESTONE

BID PLANS

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT ORIENTATION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, GEOTECHNICAL ENGINEER, OR LAND SURVEYOR, TO ALTER, IN ANY MANNER, THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR. ANY ALTERATION OF THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL BE CONSIDERED A VIOLATION OF THE PROFESSIONAL ETHICS OF SUCH PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DRAWN GNC
DESIGNED BAJ
CHECKED BAJ
SCALE AS INDICATED
DATE 09/16/2026
PROJECT 19090.06

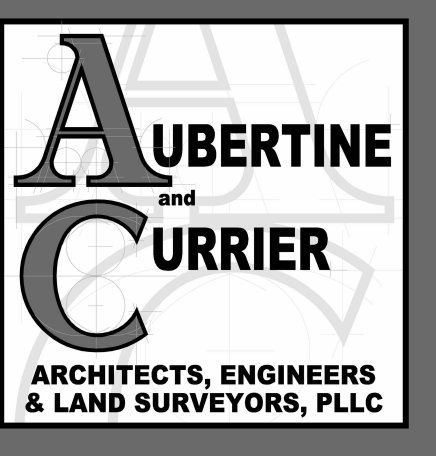
DRAWING TITLE

FLOOR PLANS - OFFICES

DRAWING NUMBER A-102

06 OF 10

9 COURT STREET; SUITE 240
BINGHAMTON, NY 13901



GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

REHABILITATION OF HANGAR 2 & 3

CLIENT:

PROJECT:

REVISIONS		
NO.	DATE	DESCRIPTION

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STAMP



EXPIRATION DATE: NOV. 30, 2028

PROJECT MILESTONE

BID PLANS

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DRAWN GNC

DESIGNED BAJ

CHECKED BAJ

SCALE AS INDICATED

DATE 09/16/2026

PROJECT 19090.06

DRAWING TITLE

REFLECTED

CEILING PLATE

DRAFTING

NUMBER A-500

07 OF 10



REHABILITATION OF HANGAR 2 & 3

PROJECT:

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BID PLANS

SSN	ONE
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DATE 09/16/2026

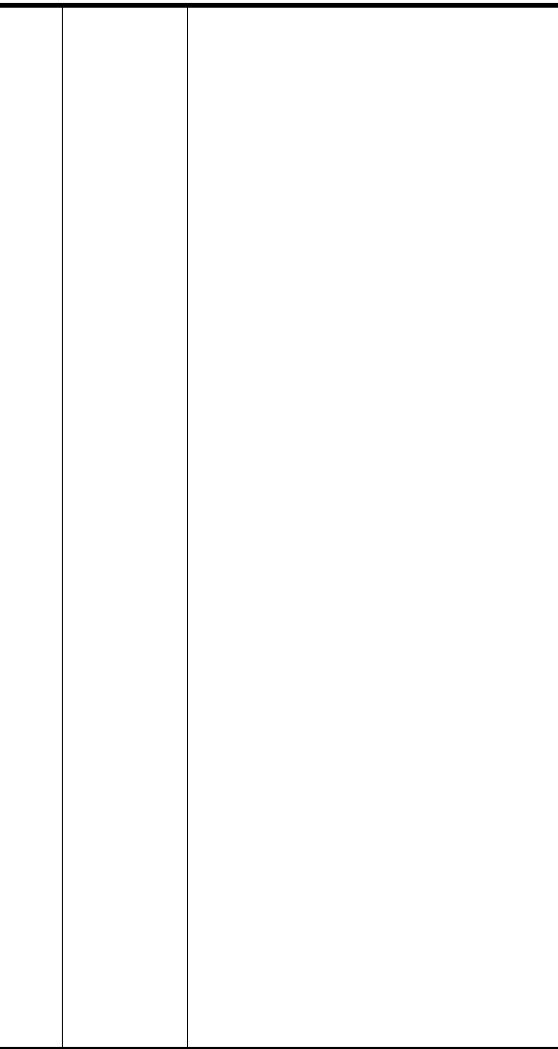
ENLARGED PLANS
FIRST FLOOR

08 OF 10



REHABILITATION OF HANGAR 2 & 3

CLIENT:		PROJEC
REVISIONS		
NO.	DATE	DESCRIPTION



EXPIRATION DATE: NOV. 30, 2028

PROJECT MILESTONE

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SCALE	AS INDICATED
DATE	09/16/2026
PROJECT	19090.06

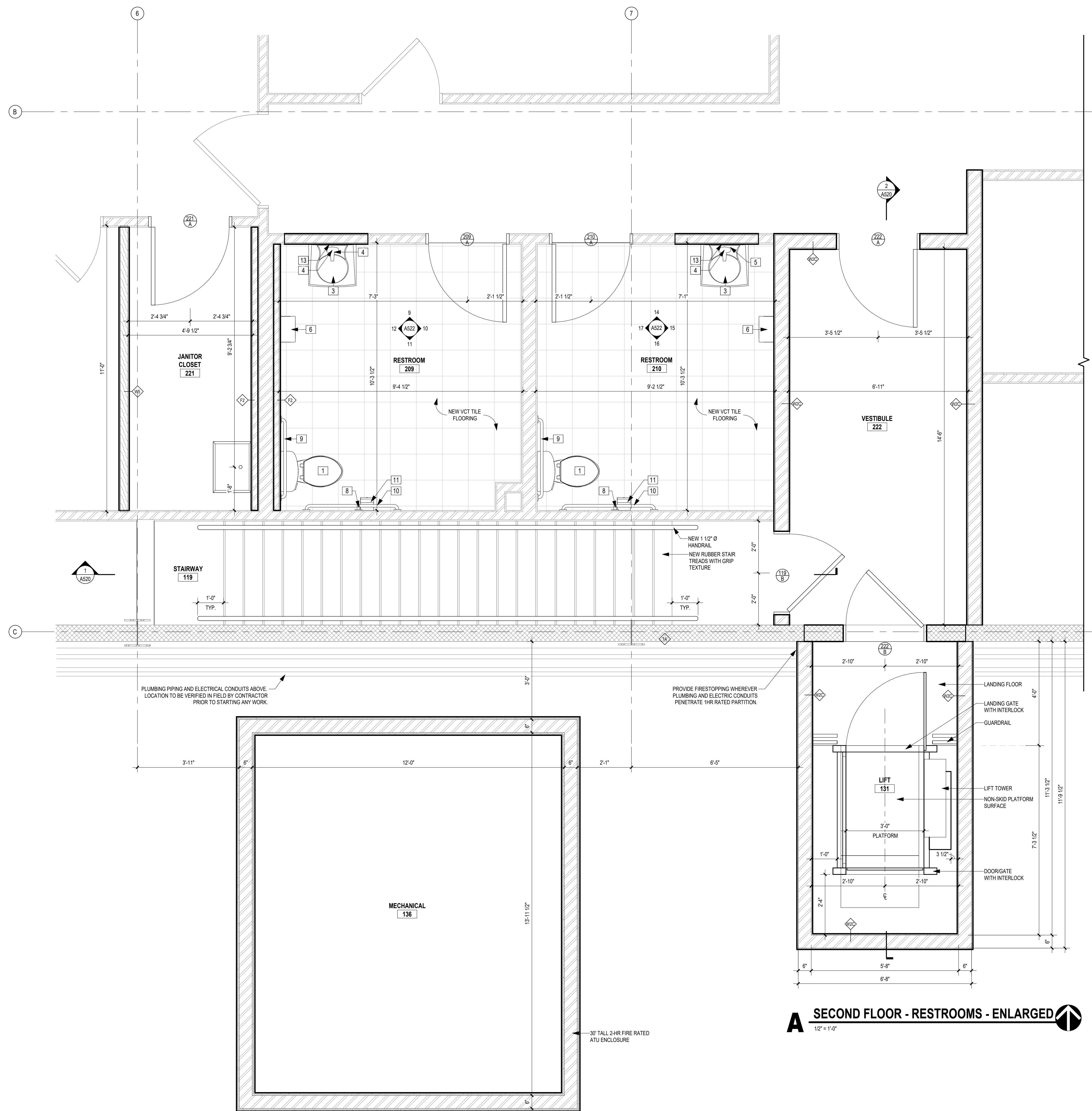
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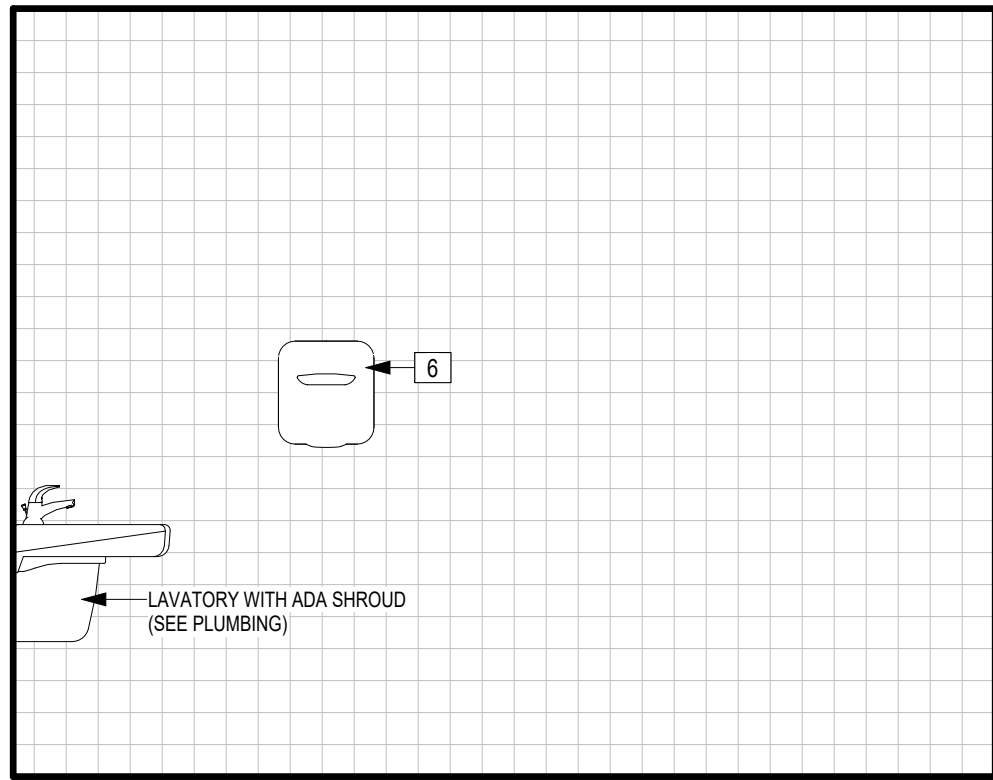
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SECOND FLOOR

DRAWING
NUMBER

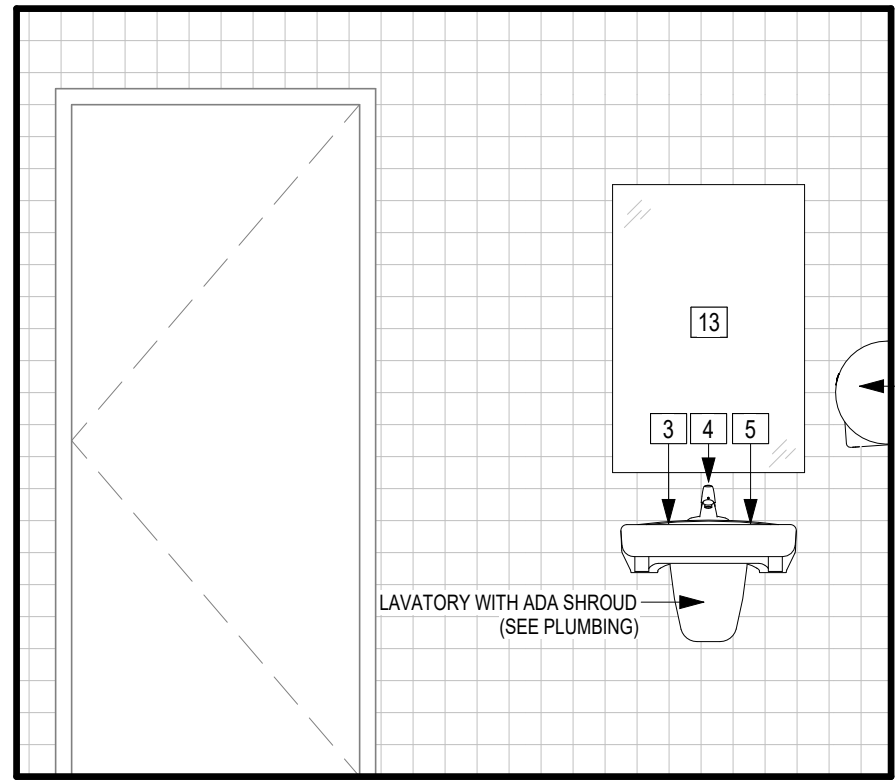
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09 OF 10

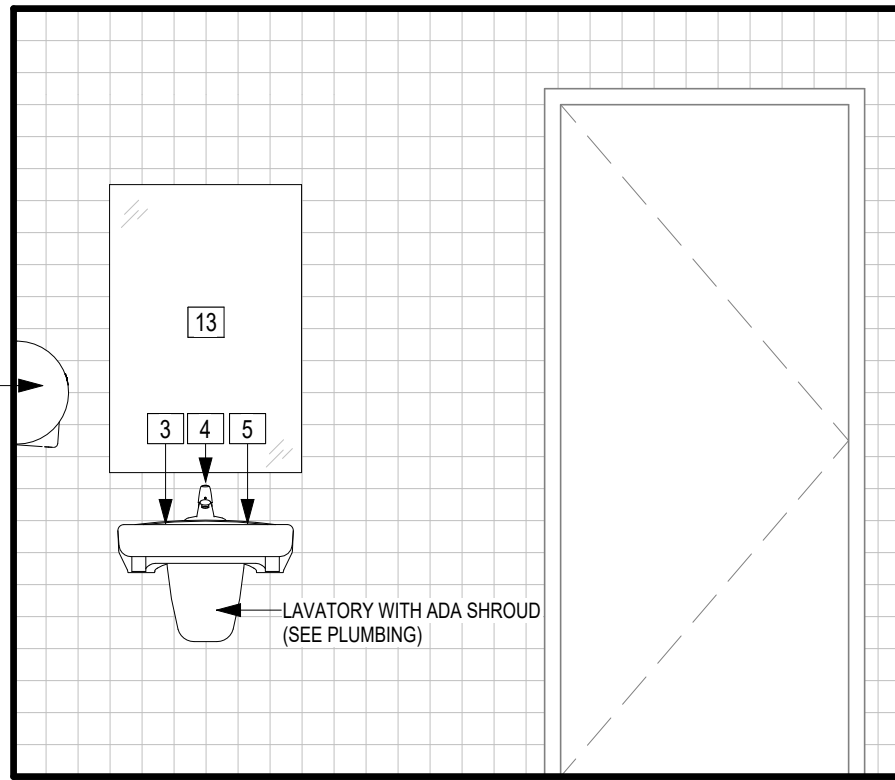




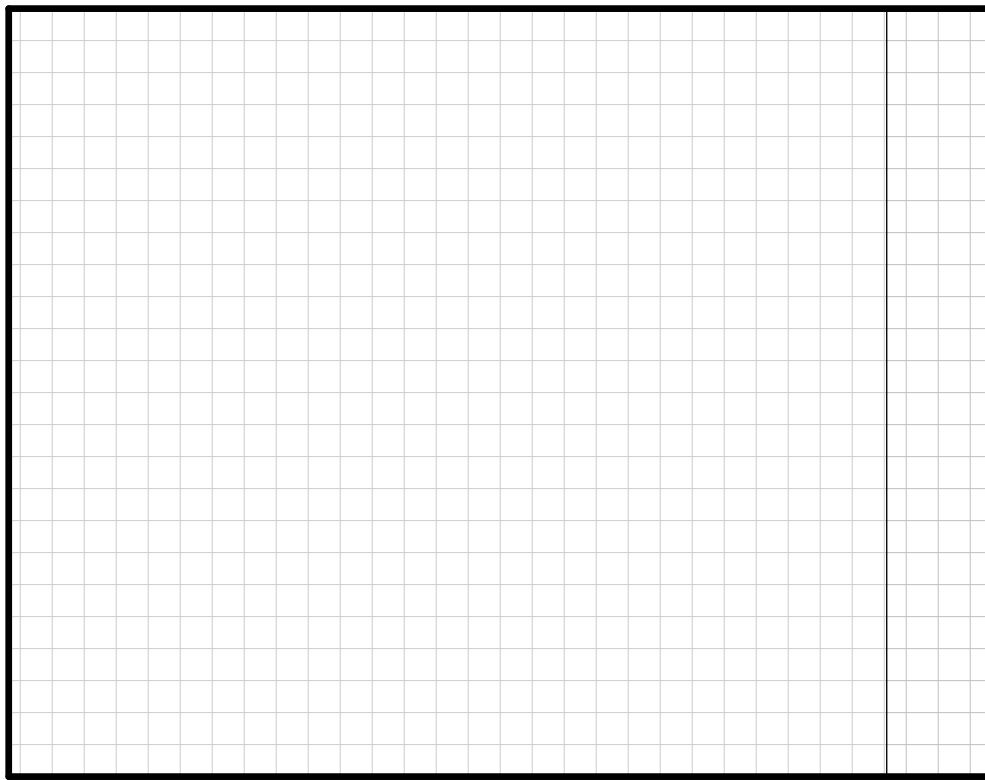
15 INTERIOR ELEVATION
1/2" = 1'-0"



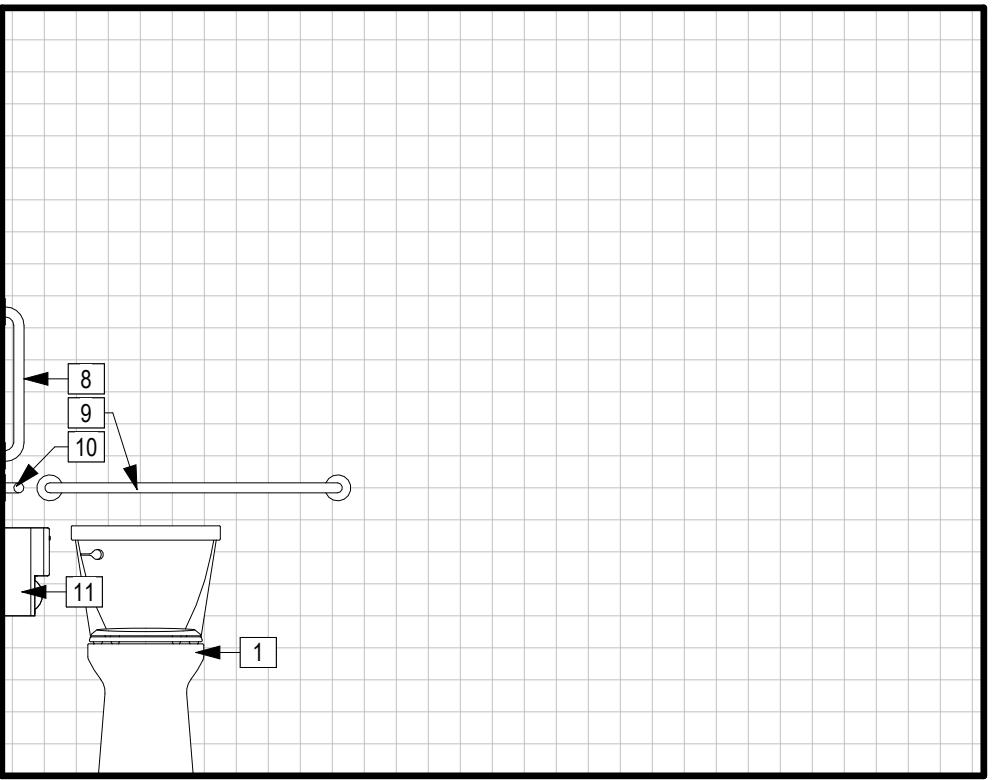
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1/2" = 1'-0"



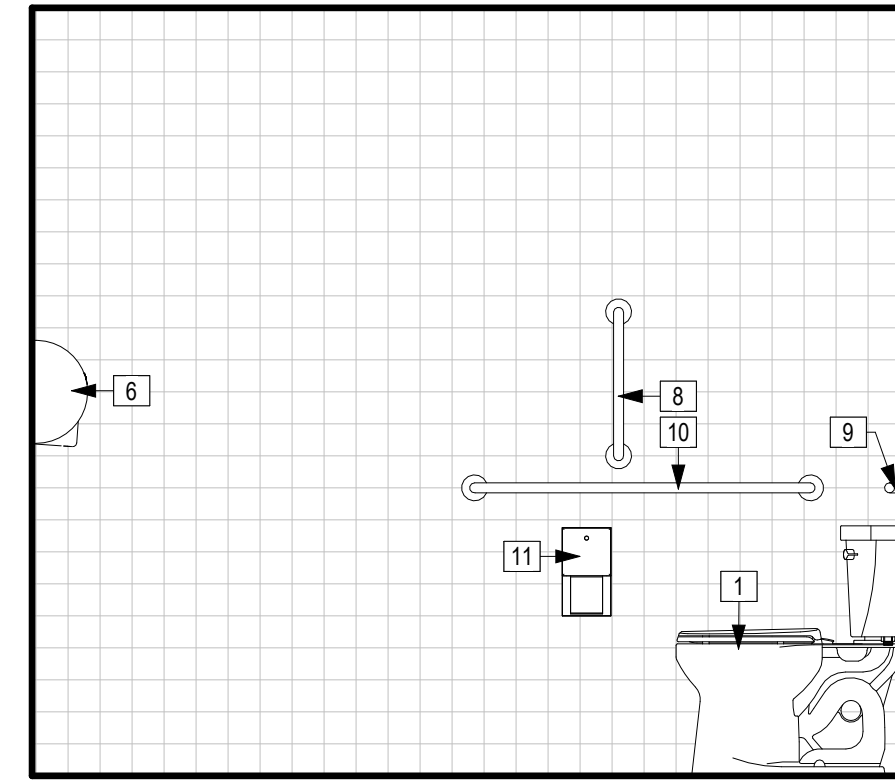
9 INTERIOR ELEVATION
1/2" = 1'-0"



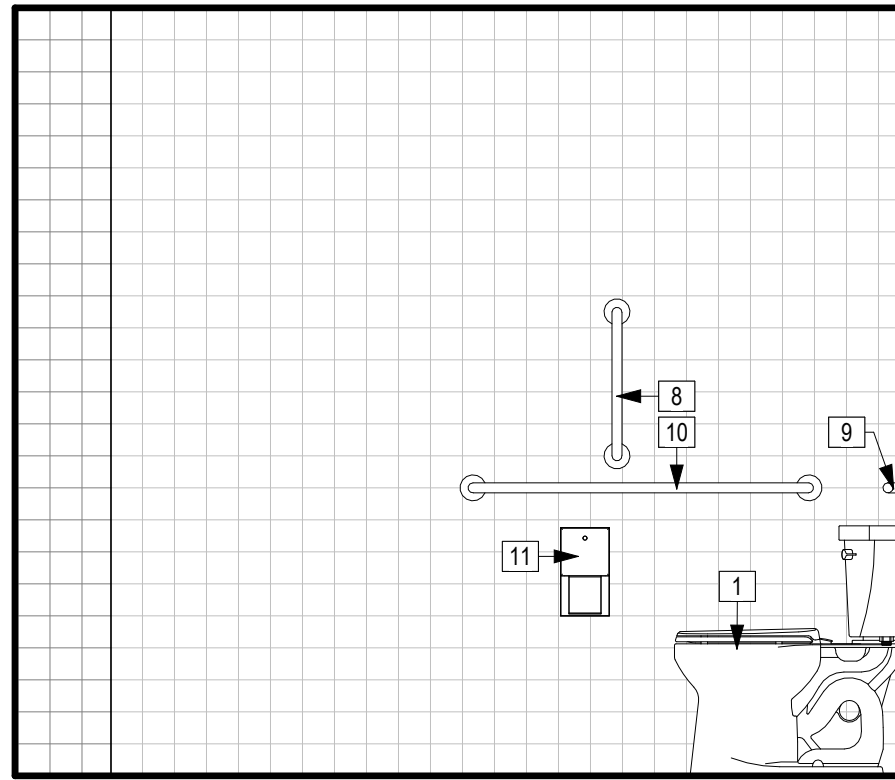
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1/2" = 1'-0"



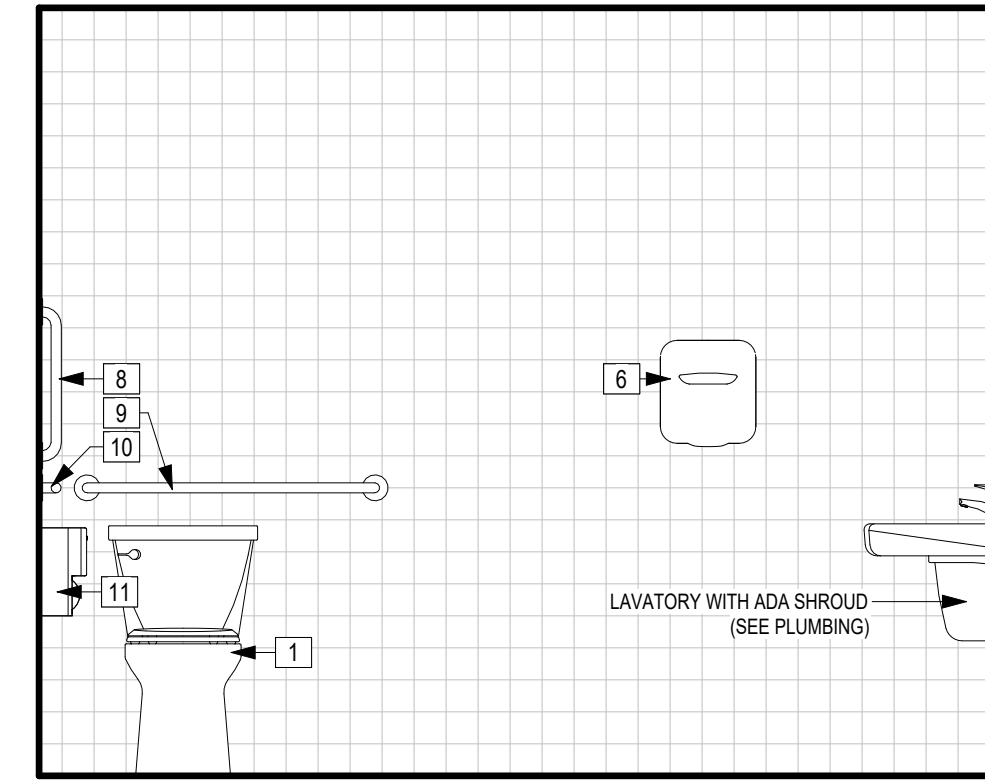
17 INTERIOR ELEVATION
1/2" = 1'-0"



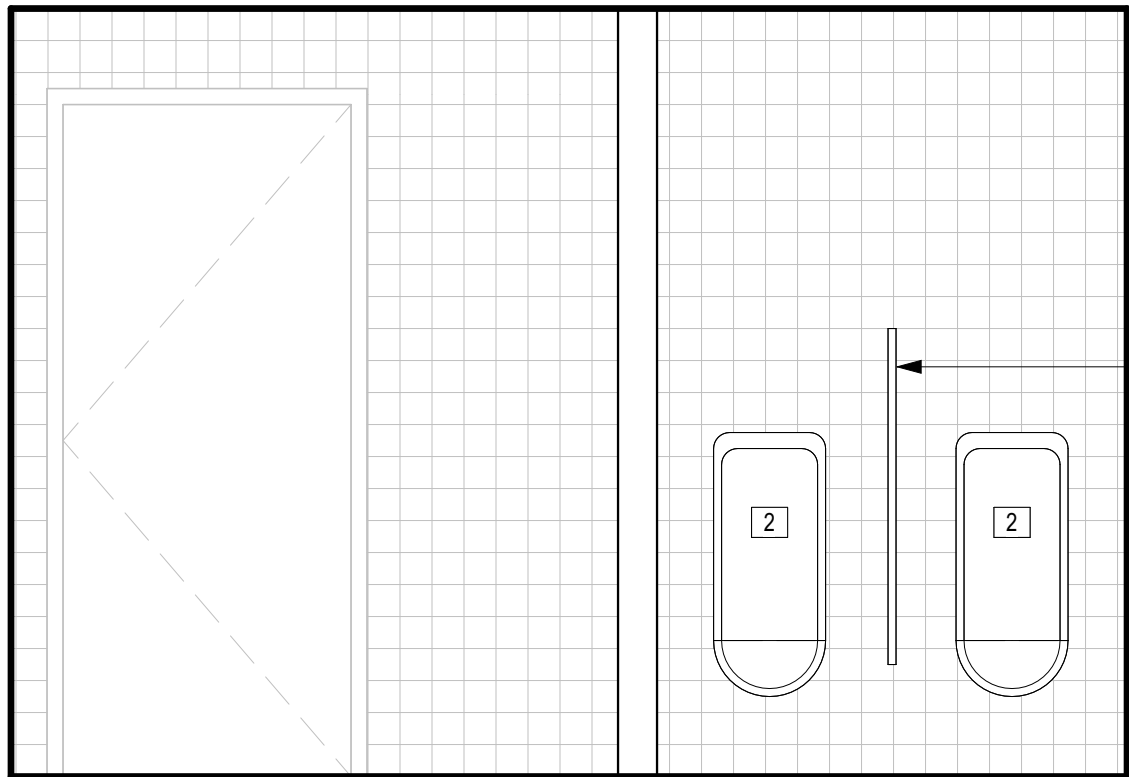
16 INTERIOR ELEVATION
1/2" = 1'-0"



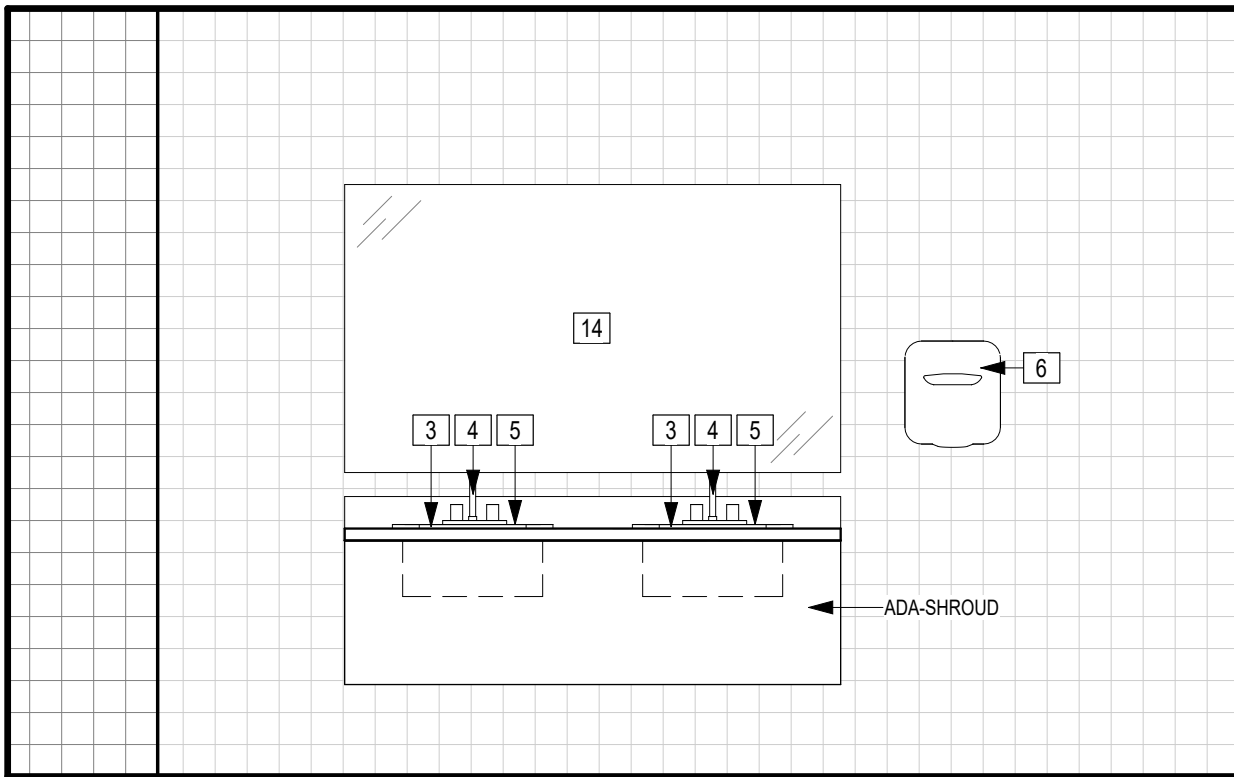
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1/2" = 1'-0"



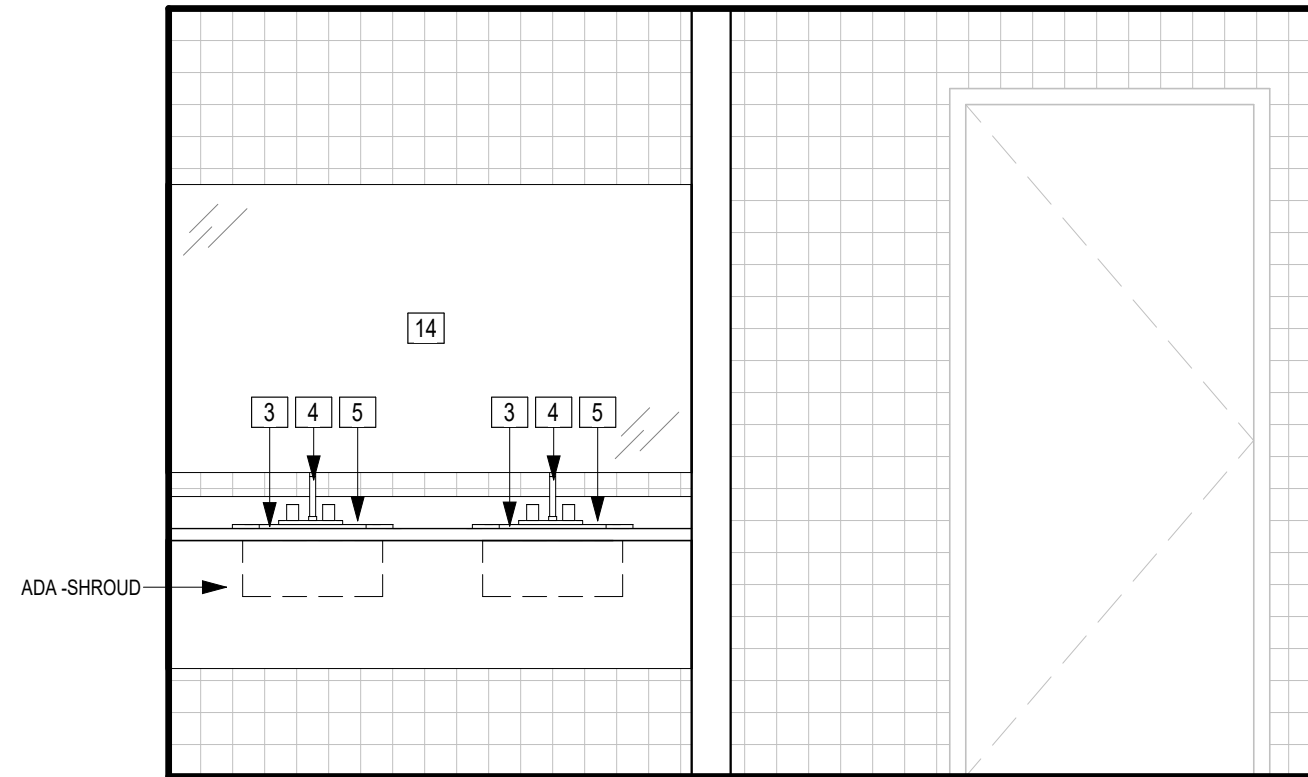
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1/2" = 1'-0"



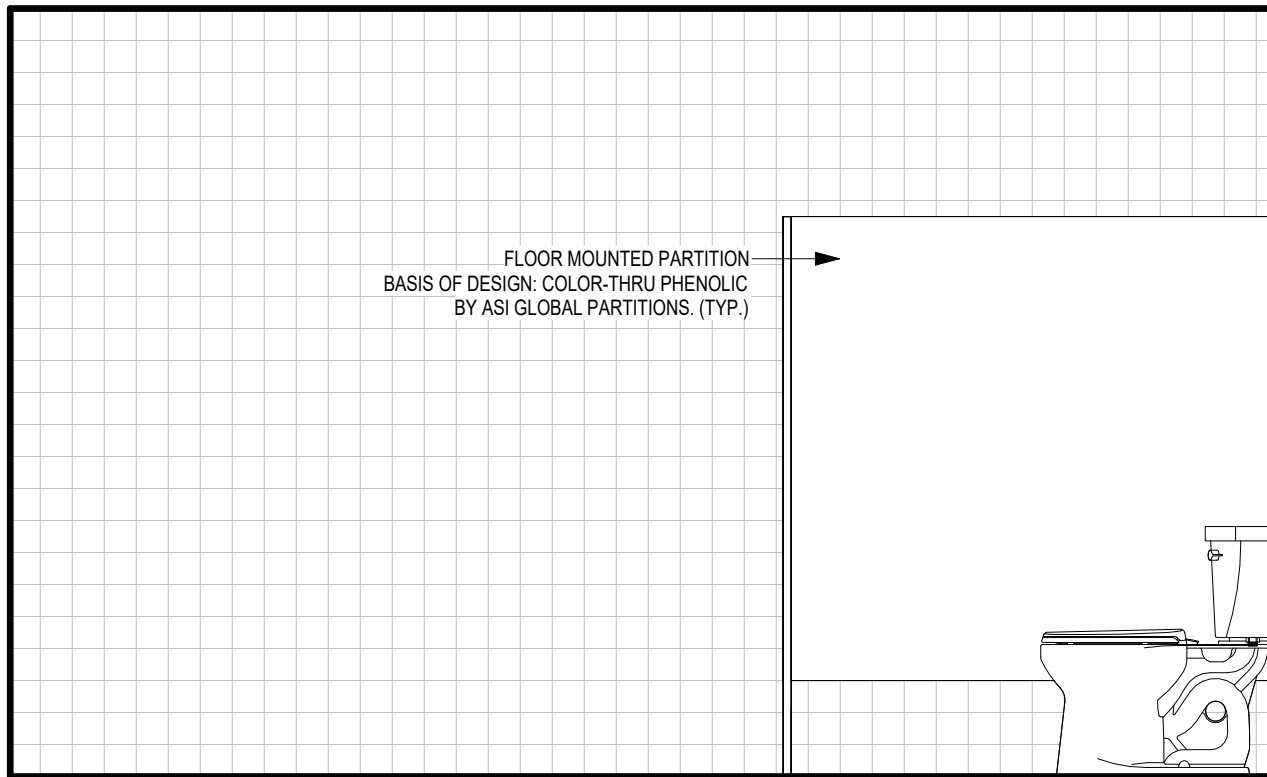
5 INTERIOR ELEVATION
1/2" = 1'-0"



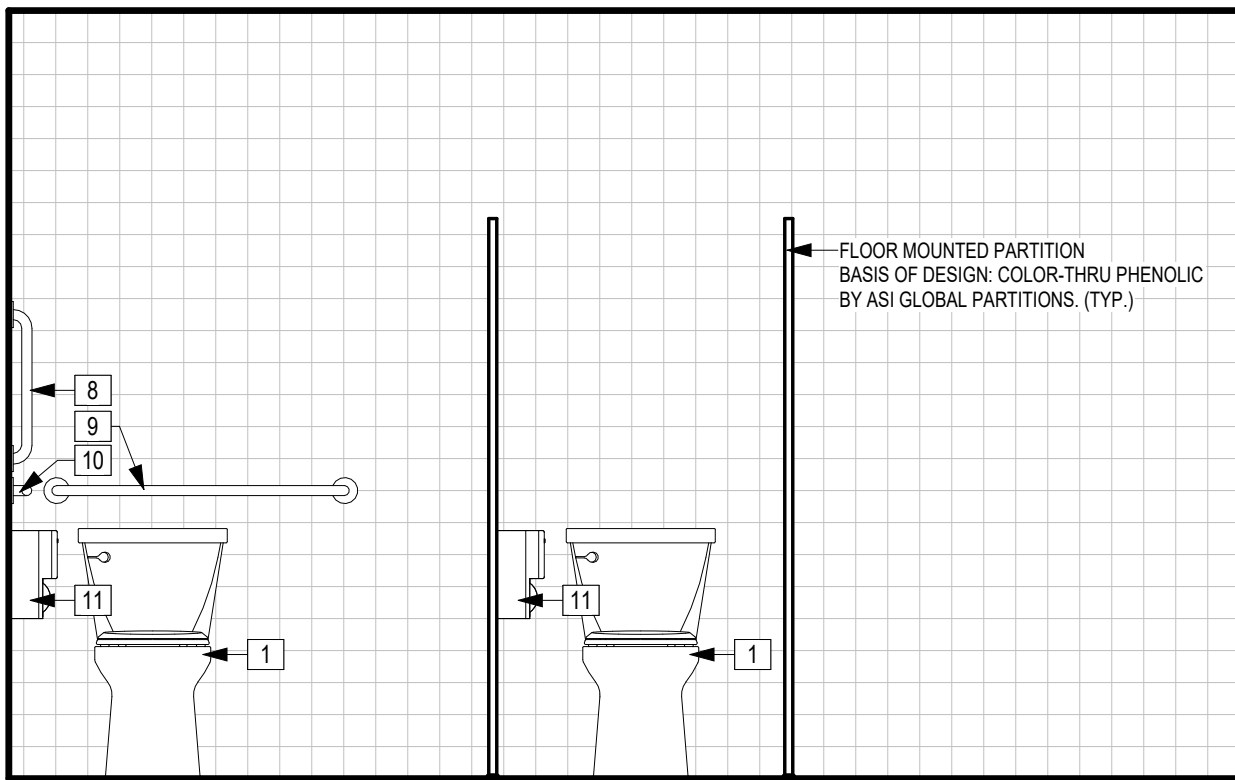
6 INTERIOR ELEVATION
1/2" = 1'-0"



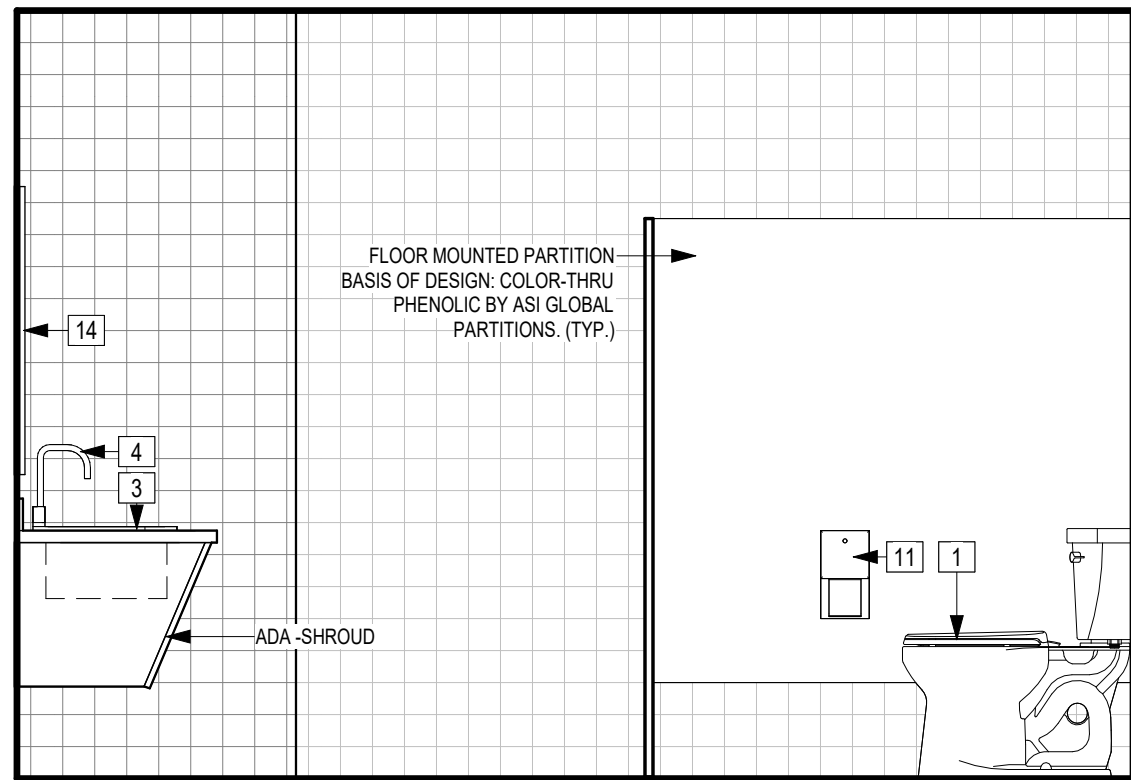
1 INTERIOR ELEVATION
1/2" = 1'-0"



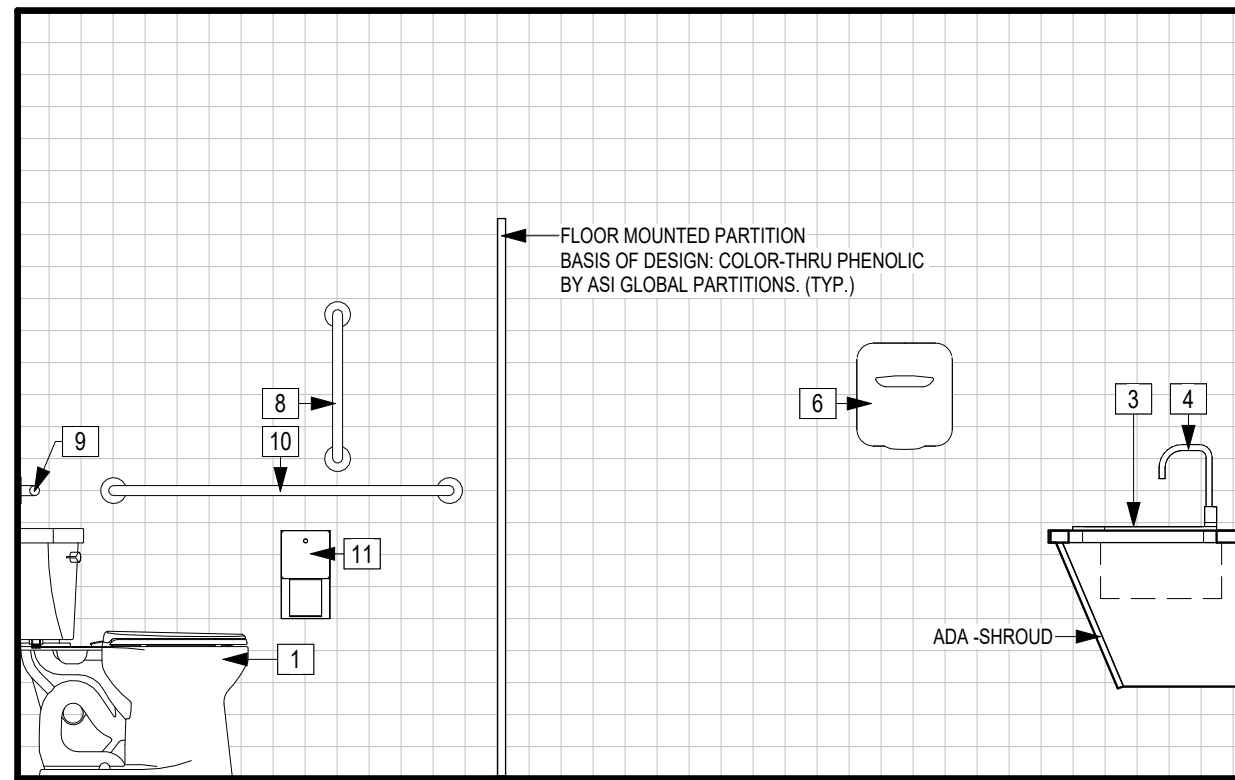
2 INTERIOR ELEVATION
1/2" = 1'-0"



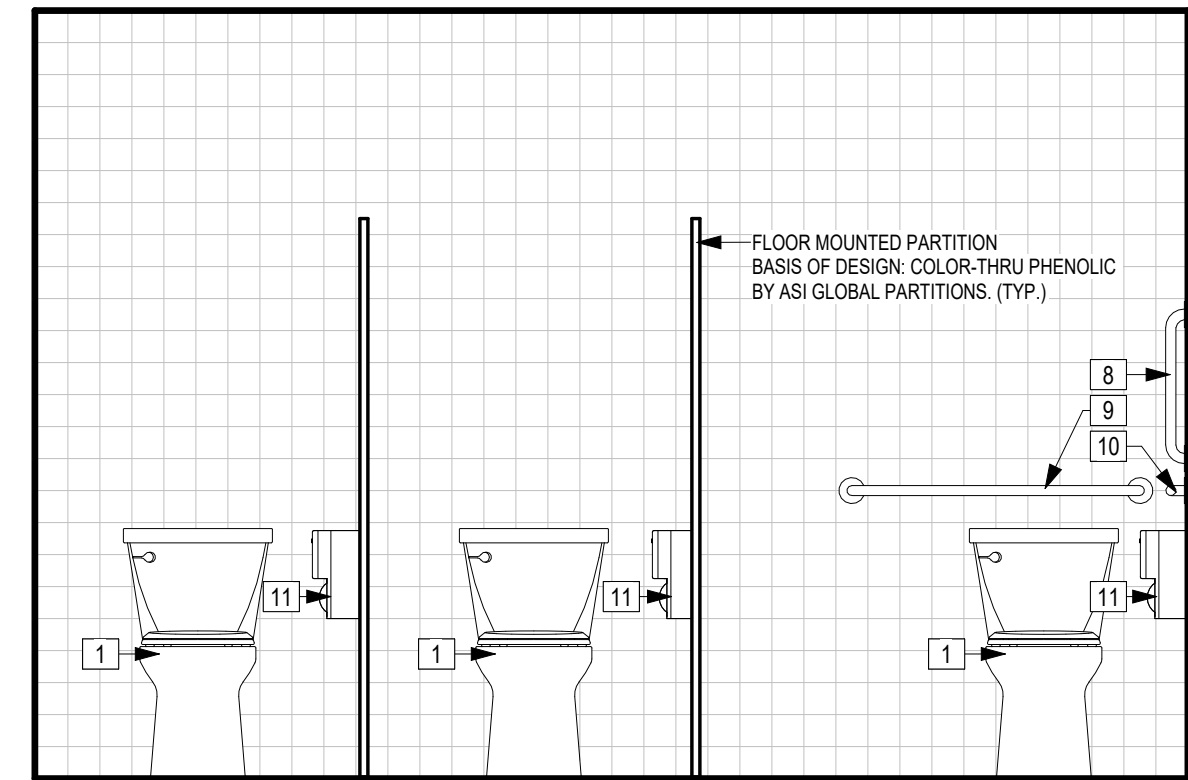
8 INTERIOR ELEVATION
1/2" = 1'-0"



7 INTERIOR ELEVATION
1/2" = 1'-0"



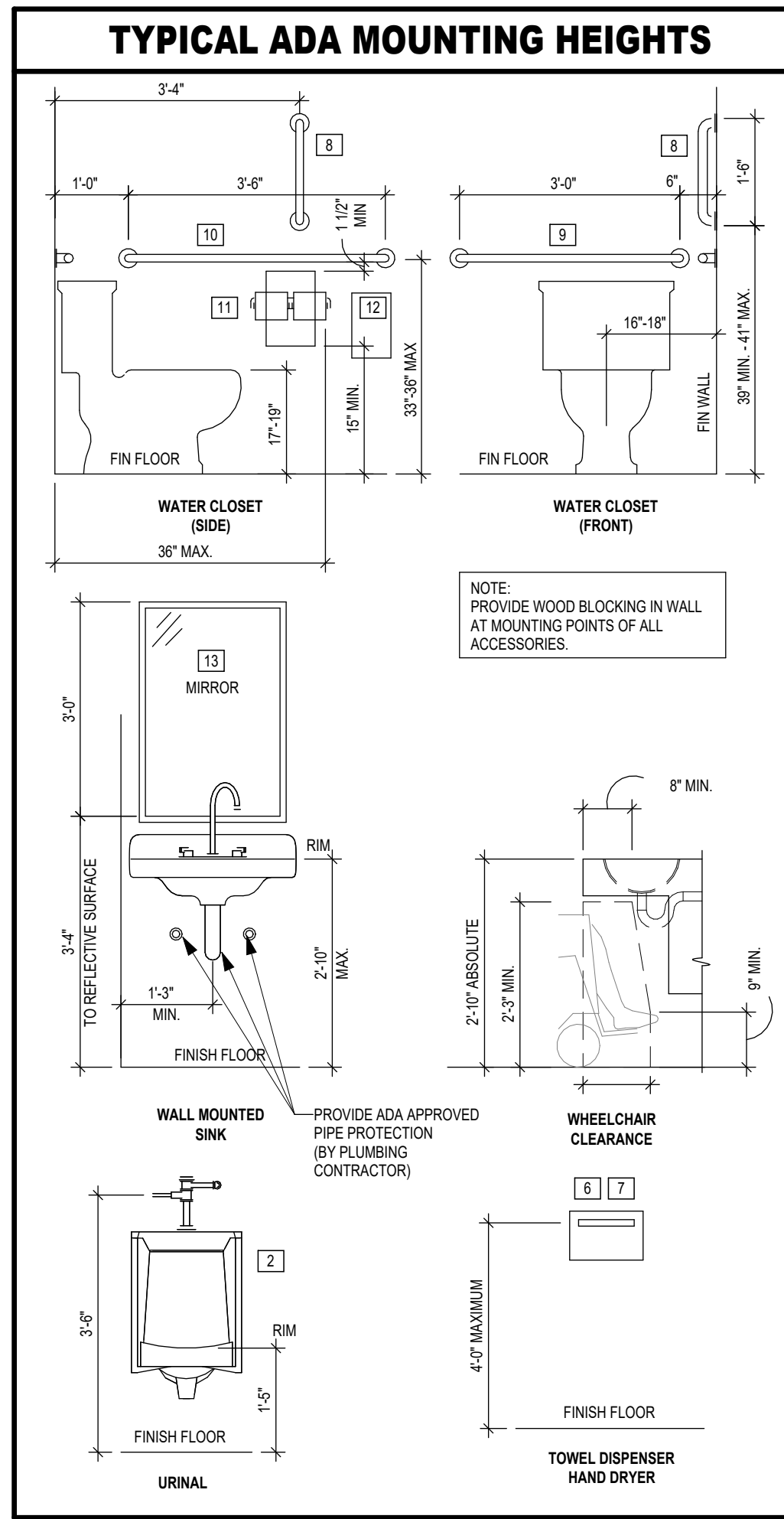
4 INTERIOR ELEVATION
1/2" = 1'-0"



3 INTERIOR ELEVATION
1/2" = 1'-0"

RESTROOM FIXTURE SCHEDULE					
NO.	ITEM	MANUFACTURER	PRODUCT	MODEL NUMBER	FINISH
1	TOILET	---	SEE PLUMBING	---	---
2	URNAL	---	SEE PLUMBING	---	---
3	LAVATORY	---	SEE PLUMBING	---	---
4	FAUCET	---	SEE PLUMBING	---	---
5	SOAP DISPENSER	BOBRICK	SURFACE MOUNTED VERTICAL MANUAL LIQUID SOAP DISPENSER	B-2111	SATIN FINISH
6	HAND DRYER (OPTIONAL)	BOBRICK	TRIMMERY SURFACE MOUNTED AUTOMATIC HAND DRYER	B-7128	SATIN FINISH
7	PAPER TOWEL DISPENSER	BOBRICK	SURFACE MOUNTED PAPER TOWEL DISPENSER	B-4202	SATIN FINISH
8	18" X 1 1/4" PEENED GRAB BAR	ULINE	WINGITS GRAB BAR (AND H-6486 FASTENERS)	B-6485	SATIN FINISH
9	36" X 1 1/4" PEENED GRAB BAR	ULINE	WINGITS GRAB BAR (AND H-6486 FASTENERS)	B-6484	SATIN FINISH
10	42" X 1 1/4" PEENED GRAB BAR	ULINE	WINGITS GRAB BAR (AND H-6486 FASTENERS)	B-6483	SATIN FINISH
11	TOILET TISSUE DISPENSER	ULINE	DOUBLE ROLL TOILET TISSUE DISPENSER	H-2546	STAINLESS STEEL
12	SANITARY NAPKIN RECEPTACLE (OPTIONAL)	BOBRICK	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL	B-270	SATIN FINISH
13	MIRROR (24"W X 36"H)	ULINE	ADA FIXED TILT MIRROR	H-10967	STAINLESS STEEL
14	MIRROR (48"W X 36"H)	TBD	WALL MOUNTED MIRROR W/ ROUNDED EDGES	---	SATIN FINISH

* = PROVIDE ESCUTCHEON COVERS ON ALL GRAB BARS. EXPOSED FASTENERS ARE NOT ACCEPTABLE



49 COURT STREET; SUITE 240
BINGHAMTON, NY 13901



GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

REHABILITATION OF HANGAR 2 & 3

CLIENT:

PROJECT:

REVISIONS
NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

NO. DATE DESCRIPTION

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NO. DATE DESCRIPTION

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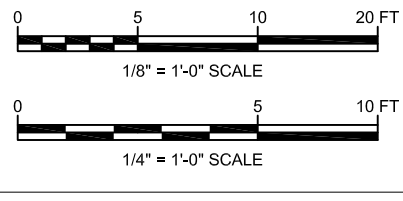
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NO. DATE DESCRIPTION



DRAWING NOTES:

- A. NOT EVERY INDIVIDUAL PIPE BEING REMOVED IS INDICATED ON THESE PLANS. THE CONTRACTOR SHALL FIELD VISIT THE SITE, REVIEW AND VERIFY THE ACTUAL PROJECT CONDITIONS AND ASCERTAIN THE EXACT EXTENT OF THE REMOVAL WORK INVOLVED TO ACHIEVE THE DESIGN INTENT.
- B. COMPLY WITH ALL RULES AND REGULATIONS OF GOVERNING BODIES AND AUTHORITIES HAVING JURISDICTION REGARDING REMOVAL, REPLACEMENT AND DISPOSAL OF ANY PROPERTY WITHIN THE PROJECT SITE. ALL MATERIAL SHALL BE TAKEN TO LOCATION AS DIRECTED BY THE AUTHORITIES HAVING JURISDICTION. IF NO DIRECTIVE IS GIVEN, ALL SUCH PROPERTY SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS/HER OWN EXPENSE.
- C. COORDINATE ALL REMOVALS WORK WITH HAZARDOUS MATERIALS ABATEMENT DRAWINGS AND REPORTS.

KEYED NOTES:

1. DISCONNECT AND REMOVE SANITARY PIPING AS SHOWN.



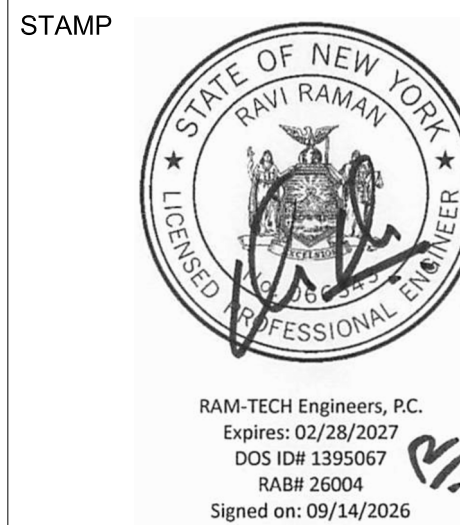
CLIENT: GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

PROJECT: REHABILITATION OF HANGARS 2 & 3 - PHASE 2

REVISIONS

NO.	DATE	DESCRIPTION
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PROJECT MILESTONE

BID PLANS

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DESIGNED	TAM
CHECKED	TAM
SCALE	1/8" = 1'-0"
DATE	09/16/2026
PROJECT	2026-039

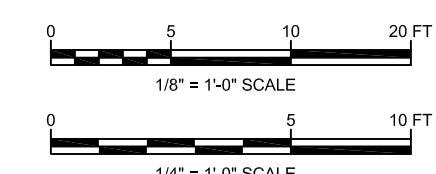
DRAWING TITLE

HANGAR 2 UNDERSLAB
PLAN - PLUMBING
REMOVALS

DRAWING NUMBER

PD100

01 OF 07



1. REMOVE PLUMBING FIXTURES AND PIPING IN RESTROOMS.
2. DISCONNECT GAS PIPING FROM RADIANT HEATERS AND REMOVE GAS PIPING TO MAIN RACKED ALONG WALL.
3. DISCONNECT AND REMOVE A PORTION OF THE GAS MAIN TO ACCOMMODATE NEW ELEVATOR.
4. DISCONNECT AND REMOVE DOMESTIC WATER PIPING AS SHOWN.



SUBJECT: REHABILITATION OF HANGARS 2 & 3 - PHASE 2

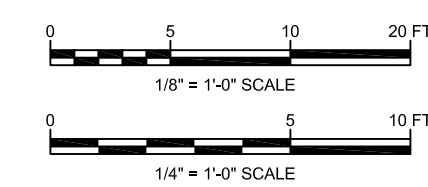
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BID PLANS

DRAWN	JMT
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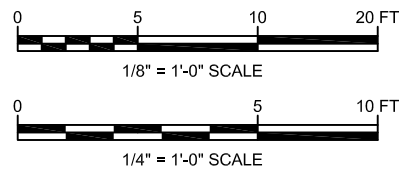
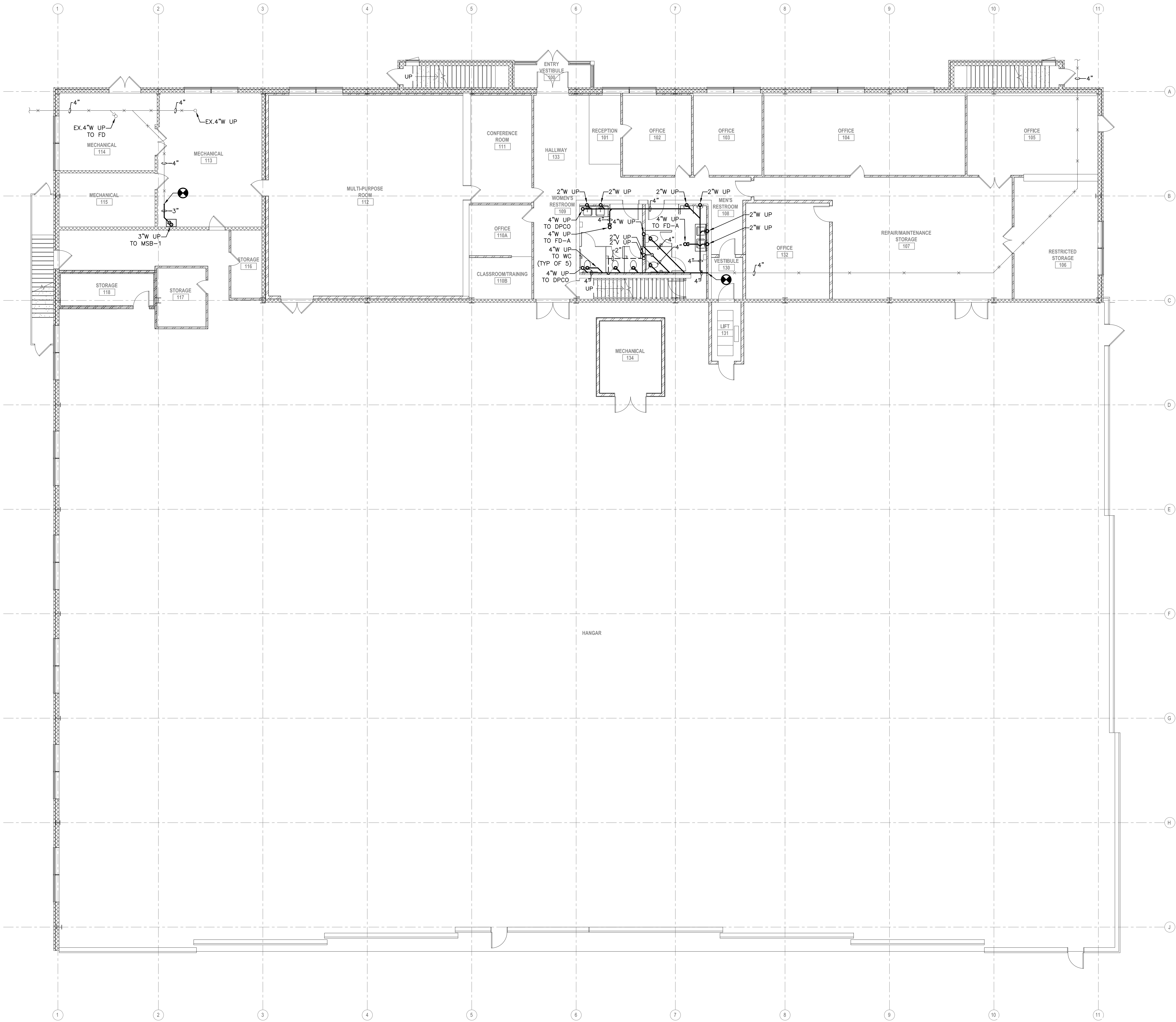
PROJECT	2026-039
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PD101



1. REMOVE PLUMBING FIXTURES AND PIPING IN RESTROOMS.

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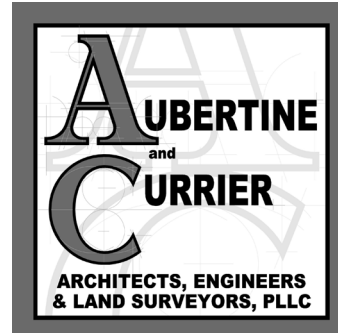


DRAWING NOTES:

- A. VERIFY ALL INVERTS, PIPING ROUTES PRIOR TO INSTALLATION. PROVIDE ALL NECESSARY OFFSETS AND FITTINGS REQUIRED TO MAKE SYSTEMS OPERATIONAL.
- B. PROVIDE ALL CUTTING, PATCHING, AND FIRESTOPPING REQUIRED TO ACCOMPLISH WORK SHOWN. PATCH OPENINGS TO MATCH ADJACENT WALLS, FLOORS, AND CEILINGS.
- C. PROVIDE DEEP SEAL TRAPS FOR ALL FLOOR DRAINS.
- PROVIDE A CLEANOUT AT THE BASE OF ALL SANITARY AND VENT RISERS.
- D. REFER TO ARCHITECTURAL SERIES DRAWINGS FOR PLUMBING FIXTURES MOUNTING HEIGHT REQUIREMENTS.

McFARLAND JOHNSON

49 COURT STREET, SUITE 240
BINGHAMTON, NY 13901



RAM-TECH ENGINEERS
Syracuse, NY • Buffalo, NY • Philadelphia, PA
RAM-TECH Engineers
of Syracuse, P.C.
phone 315-463-7771
fax 315-463-7768
www.ramtechengineers.com

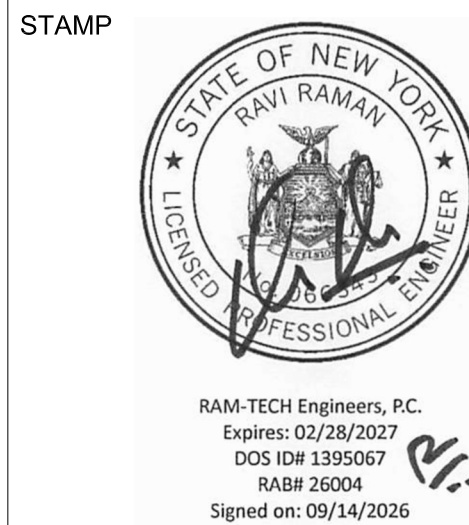
CLIENT: **GREATER BINGHAMTON AIRPORT**

JOHNSON CITY, NEW YORK

PROJECT: **REHABILITATION OF HANGARS 2 & 3 - PHASE 2**

REVISIONS

NO.	DATE	DESCRIPTION
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PROJECT MILESTONE

BID PLANS

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER IN ANY MANNER ANY PART OF ANY DRAWING BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR. ANY SUCH ALTERATION SHALL BE FOLLOWED BY THE SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

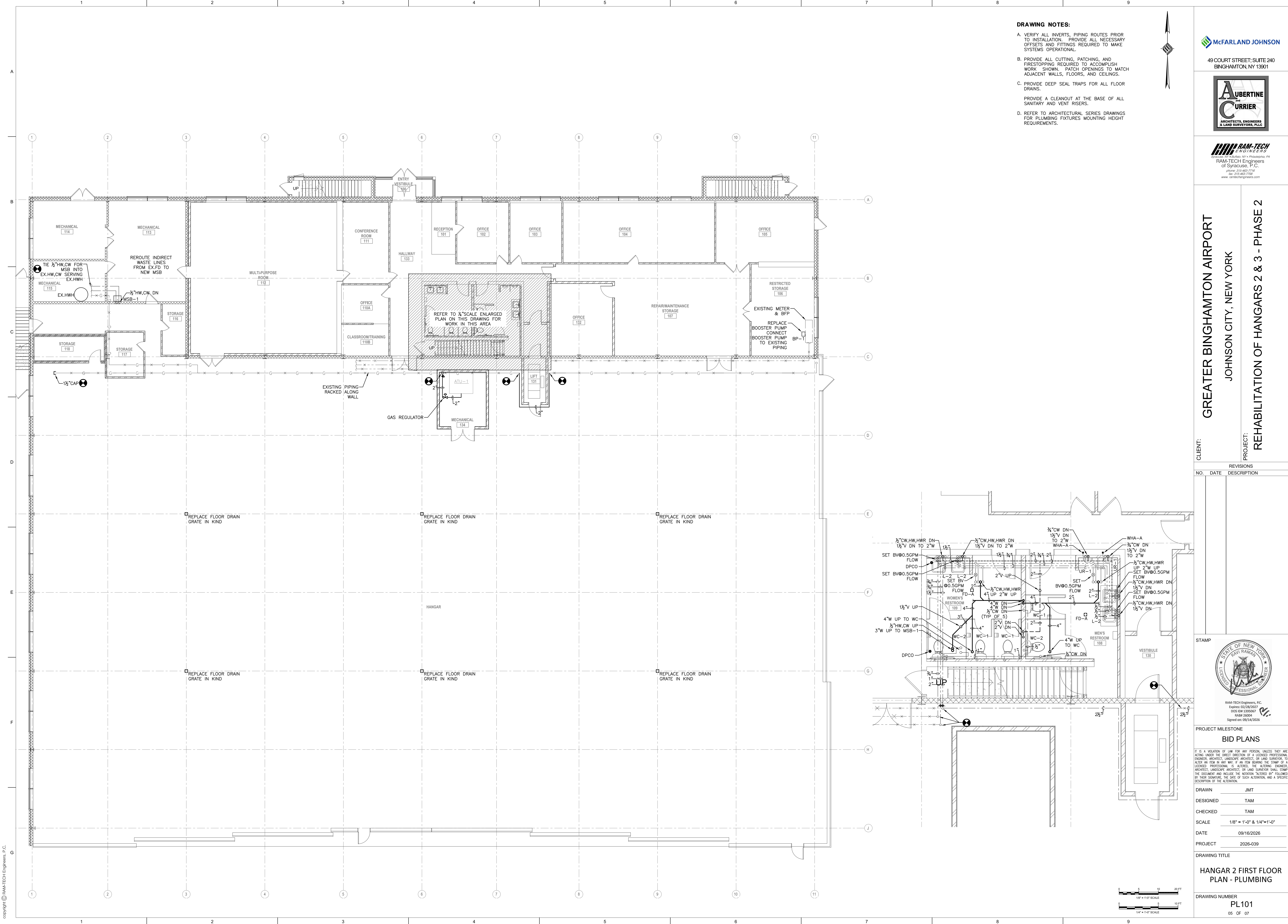
DRAWN	JMT
DESIGNED	TAM
CHECKED	TAM
SCALE	1/8" = 1'-0"
DATE	09/16/2026
PROJECT	2026-039

DRAWING TITLE

**HANGAR 2 UNDERSLAB
PLAN - PLUMBING**

DRAWING NUMBER
PL100
04 OF 07

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DRAWING NOTES:

- A. VERIFY ALL INVERTS. PIPING ROUTES PRIOR TO INSTALLATION. PROVIDE ALL NECESSARY OFFSETS AND FITTINGS REQUIRED TO MAKE SYSTEMS OPERATIONAL.
- B. PROVIDE ALL CUTTING, PATCHING, AND FIRESTOPPING REQUIRED TO ACCOMPLISH WORK SHOWN. PATCH OPENINGS TO MATCH ADJACENT WALLS, FLOORS, AND CEILINGS.
- C. PROVIDE DEEP SEAL TRAPS FOR ALL FLOOR DRAINS.
- PROVIDE A CLEANOUT AT THE BASE OF ALL SANITARY AND VENT RISERS.
- D. REFER TO ARCHITECTURAL SERIES DRAWINGS FOR PLUMBING FIXTURES MOUNTING HEIGHT REQUIREMENTS.



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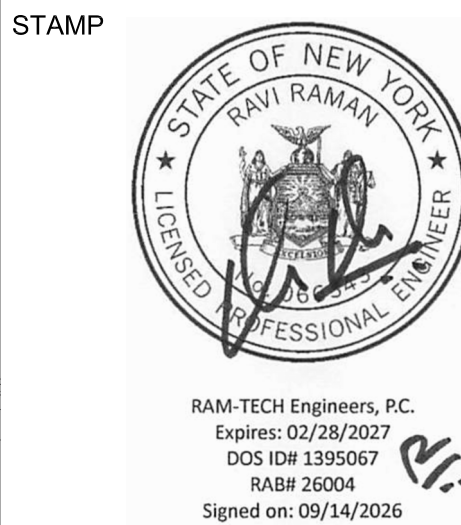


CLIENT: GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

PROJECT: REHABILITATION OF HANGARS 2 & 3 - PHASE 2

REVISIONS		
NO.	DATE	DESCRIPTION



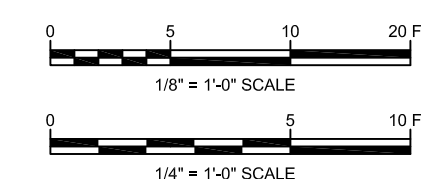
PROJECT MILESTONE
BID PLANS

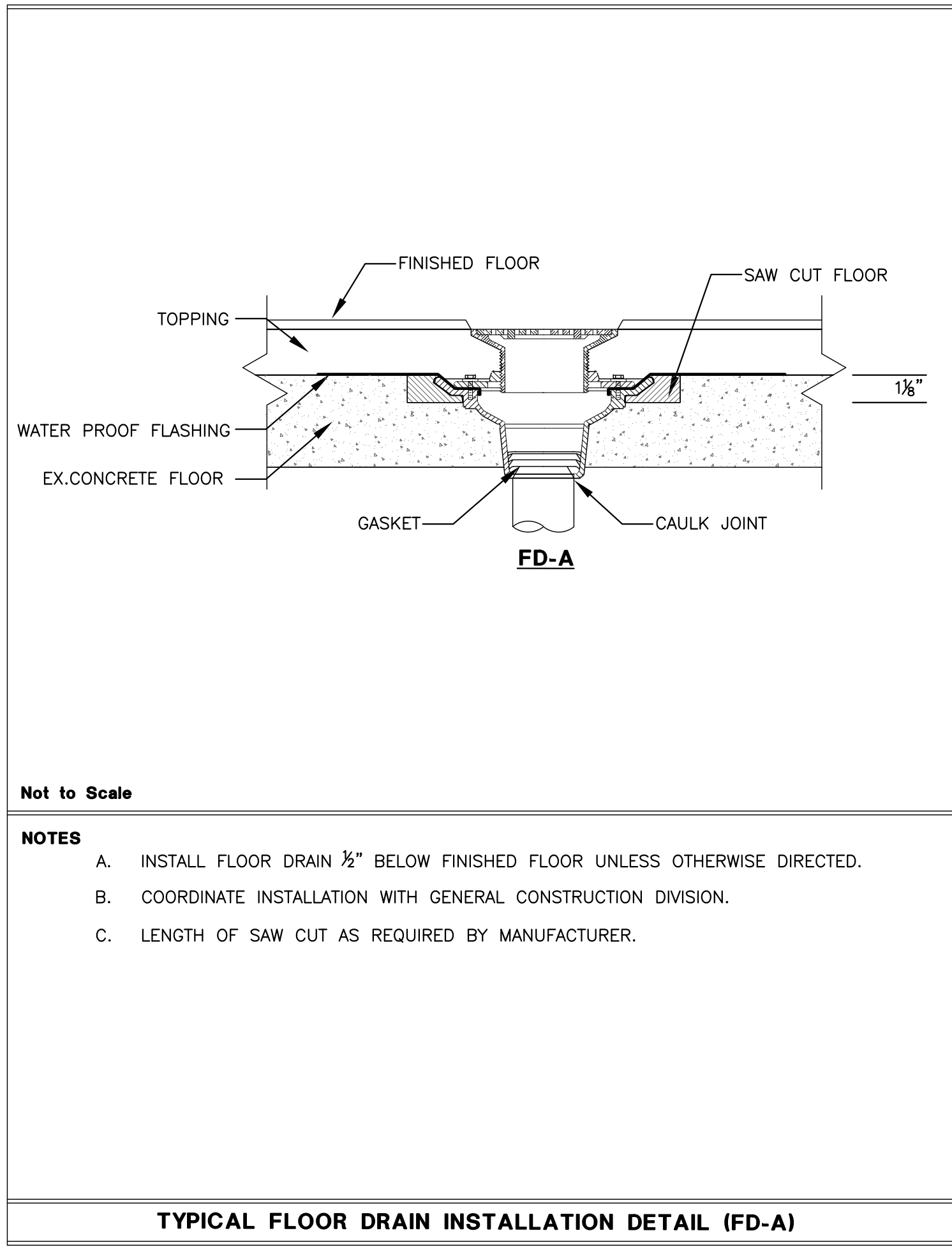
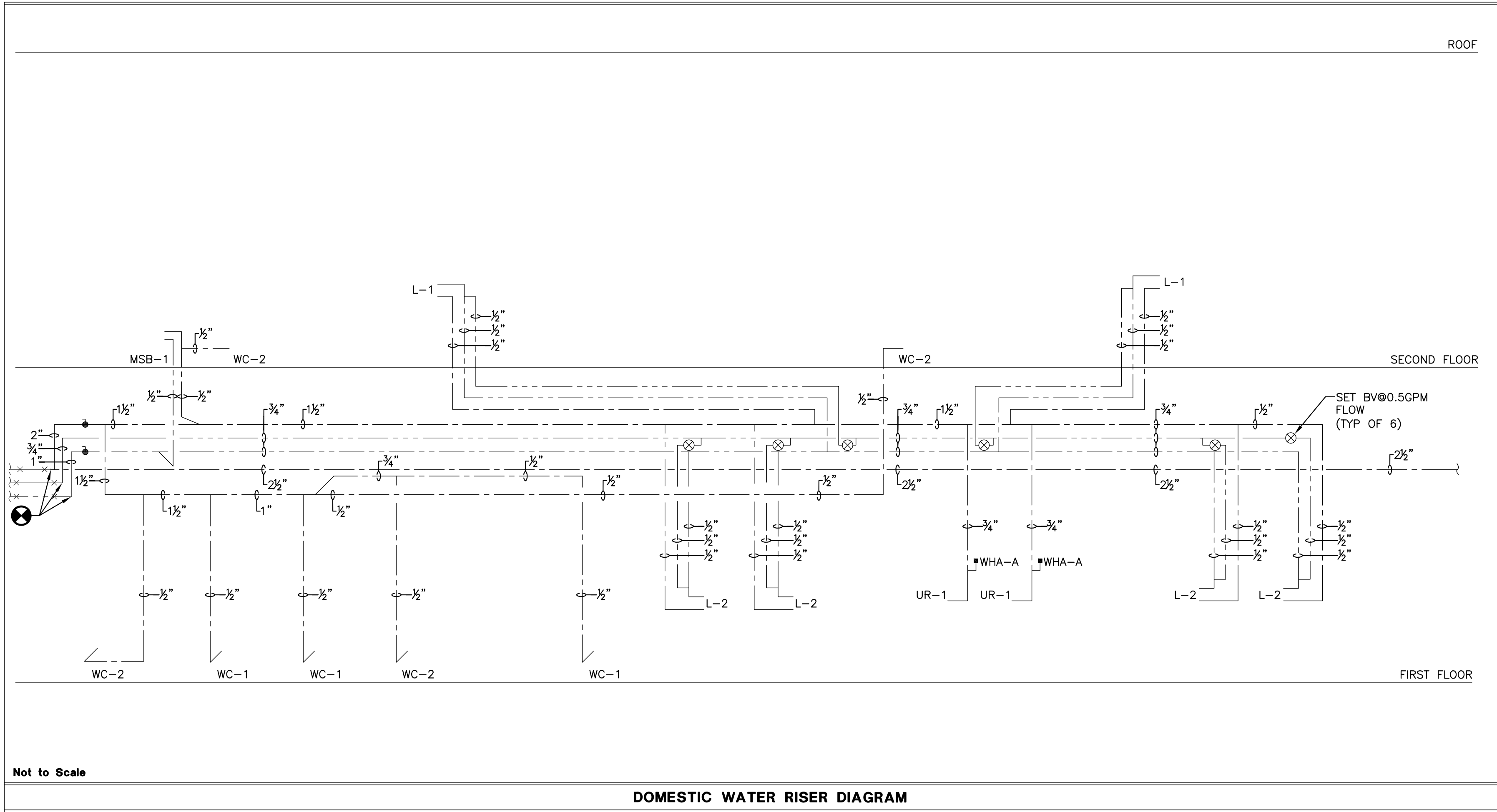
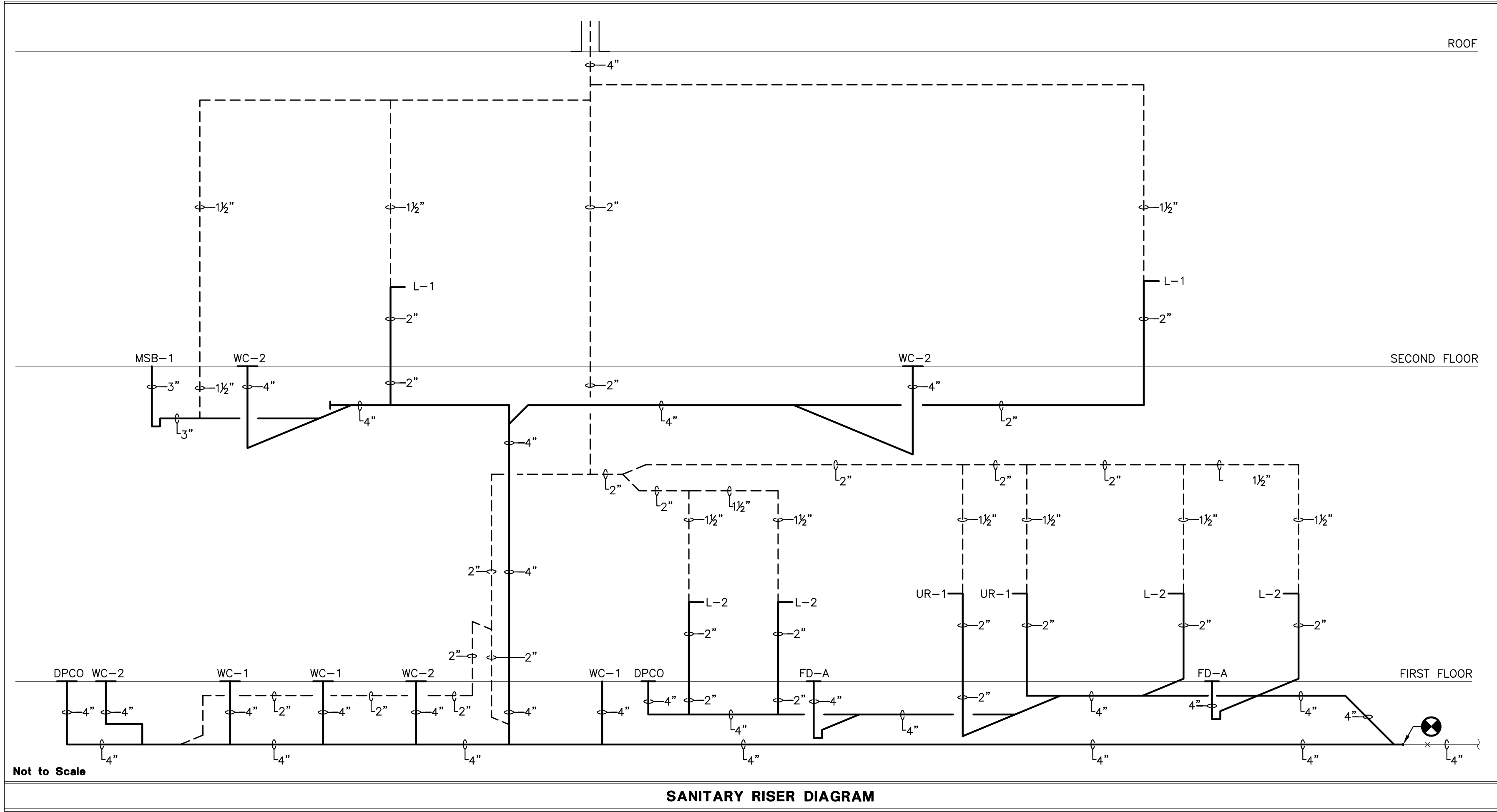
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DRAWN	JMT
DESIGNED	TAM
CHECKED	TAM
SCALE	1/8" = 1'-0" & 1/4" = 1'-0"
DATE	09/16/2026
PROJECT	2026-039

DRAWING TITLE
HANGAR 2 FIRST FLOOR
PLAN - PLUMBING

DRAWING NUMBER
PL101
05 OF 07





Notes:

- A. INSTALL FLOOR DRAIN 1/2" BELOW FINISHED FLOOR UNLESS OTHERWISE DIRECTED.
- B. COORDINATE INSTALLATION WITH GENERAL CONSTRUCTION DIVISION.
- C. LENGTH OF SAW CUT AS REQUIRED BY MANUFACTURER.

PLUMBING SYMBOL LIST		
SYMBOL	DESCRIPTION	ABBREVIATION
	WATER CLOSET TANK TYPE (NUMBER INDICATES TYPE)	WC
	LAVATORY (NUMBER INDICATES TYPE)	LAV
	ELECTRIC WATER COOLER (NUMBER INDICATES TYPE)	EW
	MOP SERVICE BASIN (NUMBER INDICATES TYPE)	MSB
	FLOOR DRAIN/FS (LETTER INDICATES TYPE)	FD/FS
	SOIL WASTE OR SANITARY PIPING	W
	PUMPED DISCHARGE	PD
	VENT PIPING	V
	DOMESTIC COLD WATER	CW
	DOMESTIC HOT WATER (125')	HW
	DOMESTIC HOT WATER RECIRCULATING LINE	HWR
	DOMESTIC HOT WATER (140')	140' HW
	EXISTING PIPING	EX
	EXISTING WORK TO BE REMOVED	---
	STORM PIPING	ST
	CLEAN OUT	CO
	WALL PLATE CLEAN OUT	WPCO
	DECK PLATE CLEAN OUT	DPCO
	BALL VALVE	BV
	CHECK VALVE	CV
	BALANCE VALVE	BV
	PLUGGED OR CAPPED OPENING	---
	PIPE UP	UP
	PIPE DOWN	DN
	WATER HAMMER ARRESTOR	WHA
	POINT OF CONNECTION	--
	POINT OF DISCONNECTION	---

WATER HAMMER ARRESTOR (WHA)						
P.D.I. SYMBOL	A	B	C	D	E	F
FIXTURE UNIT RATING	1-11	12-32	33-60	61-113	114-154	155-300

FLOOR DRAIN SCHEDULE						
NUMBER	FIXTURE	BASIS OF DESIGN	TRAP	WASTE	VENT	REMARKS
FD-A	FLOOR DRAIN	JR SMITH 2010A	4"	4"	2"	LOCATED IN RESTROOMS

PLUMBING EQUIPMENT SCHEDULE						
NUMBER	DESCRIPTION	LOCATION	SIZE	MAX CAPACITY	ELECTRIC	GAS
BP-1	BOOSTER PUMP	WATER SERVICE	1"	115PSI 170FT HEAD	115V,1.15HP	---

PLUMBING FIXTURE SCHEDULE									
FIXTURE #	SERVICE CONNECTION				MANUFACTURER AND EQUIPMENT	MODEL NO.	ADA COMPLIANT	FLOW RATE	REMARKS
WATER CLOSET	W	V	CW	HW					
WC-1	4"	2"	½"	NA	AMERICAN STANDARD: TANK TYPE TOILET	215CA.104	NO	1.28 GPF	OPEN FRONT SEAT FOR PUBLIC RESTROOMS
WC-2	4"	2"	½"	NA	AMERICAN STANDARD: TANK TYPE TOILET	215AA.104	YES	1.28 GPF	OPEN FRONT SEAT FOR PUBLIC RESTROOMS
LAVATORIES									
L-1	1½"	1½"	½"	½"	AMERICAN STANDARD: BASIN AMERICAN STANDARD: FAUCET	0355.012 605B.205	YES	.5 GPM	PROVIDE WITH ASSE 1070 MIXING VALVE AND LAVATORY SHIELD
L-2	1½"	1½"	½"	½"	AMERICAN STANDARD: BASIN AMERICAN STANDARD: FAUCET	1203004.020 605B.205	YES	.5 GPM	PROVIDE WITH ASSE 1070 MIXING VALVE, TURN CUT-OUT TEMPLATE OVER TO GC.
URINALS									
UR-1	2"	1½"	¾"	NA	AMERICAN STANDARD: URINAL SLOAN: FLUSH VALVE	6590.001 186-0.5	YES	.5 GPF	PROVIDE FIXTURE CARRIER
MOP BASIN									
MSB-1	3"	1½"	½"	½"	FIAT: MOP BASIN FIAT: FAUCET	TSB-3002 830AA	NO	FULL FLOW	INSTALL FAUCET 36" ABOVE FINISHED FLOOR
WATER COOLERS									
EW-1	1½"	1½"	½"	NA	ELKAY: WATER COOLER	LZSTLBSLKL	NA	8 GALLON PER HOUR	DUAL LEVEL WATER COOLER WITH BOTTLE FILLING STATION
NOTES:									
A. COORDINATE INSTALLATION OF PLUMBING FIXTURES WITH THE GENERAL CONSTRUCTION DIVISION.					C. ALL SINKS AND LAVATORIES THAT ARE HANDICAPPED ACCESSIBLE SHALL BE PROVIDED WITH THERMAL AND IMPACT INSULATION/SHIELDING KITS ON SUPPLIES, TRAPS, TAILPIECES AND WASTE OUTLETS.				
B. THE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL PLUMBING FIXTURES SHALL BE AS PER THE ARCHITECTURAL DRAWINGS.					D. ALL EXPOSED PIPING SHALL BE CHROME PLATED.				
					E. ALL QUICK OPENING VALVES INCLUDING FLUSH VALVES SHALL HAVE SHOCK ARRESTERS PROVIDE WITH ACCESS PANEL WHERE INSTALLED IN CONCEALED SPACES.				

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phone: 315-463-7772
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www.ramtechengineers.com

GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

PROJECT: REHABILITATION OF HANGARS 2 & 3 - PHASE 2

CLIENT:

NO. DATE DESCRIPTION

REVISIONS

STAMP

STATE OF NEW YORK
JAVI RAMAN
LICENSED PROFESSIONAL ENGINEER

RAM-TECH Engineers, P.C.
Expires: 02/28/2027
DOB: 04-13-1960
RABR 26004
Signed on: 09/16/2026

PROJECT MILESTONE

BID PLANS

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER IN ANY MANNER, OR IN ANY WAY, IF AN ITEM BORROWING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DRAWN

JMT

DESIGNED

TAM

CHECKED

TAM

SCALE

1/8" = 1'-0"

DATE

09/16/2026

PROJECT

2026-039

DRAWING TITLE

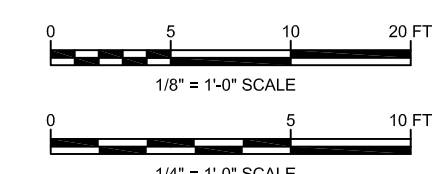
DETAILS, SCHEDULES & SYMBOL LIST

DRAWING NUMBER

P-901

07 OF 07





1. DISCONNECT AND REMOVE EXISTING CEILING EXHAUST FAN AND CONTROLS. EXISTING EXHAUST DUCTWORK TO REMAIN.
2. DISCONNECT AND REMOVE EXISTING CEILING SUPPLY AIR DIFFUSER. EXISTING SUPPLY AIR DUCTWORK TO REMAIN.
3. REMOVE EXISTING CEILING RETURN AIR GRILLE.
4. REMOVE EXISTING FAN IN ITS ENTIRETY.
5. REMOVE EXISTING INFRARED RADIANT HEATING SYSTEM IN ITS ENTIRETY.

DRAWING NUMBER
MD102
02 OF 09

SUBJECT: REHABILITATION OF HANGARS 2 & 3 - PHASE 2

PROJECT:

RAM-TECH Engineers, P.C.
Expires: 02/28/2027
DOS ID# 1395067
RAB# 26004
Signed on: 09/14/2026

BID PLANS

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DESIGNED	TAM
CHECKED	TAM
SCALE	1/8" = 1'-0"
DATE	09/16/2026
PROJECT	2026-039

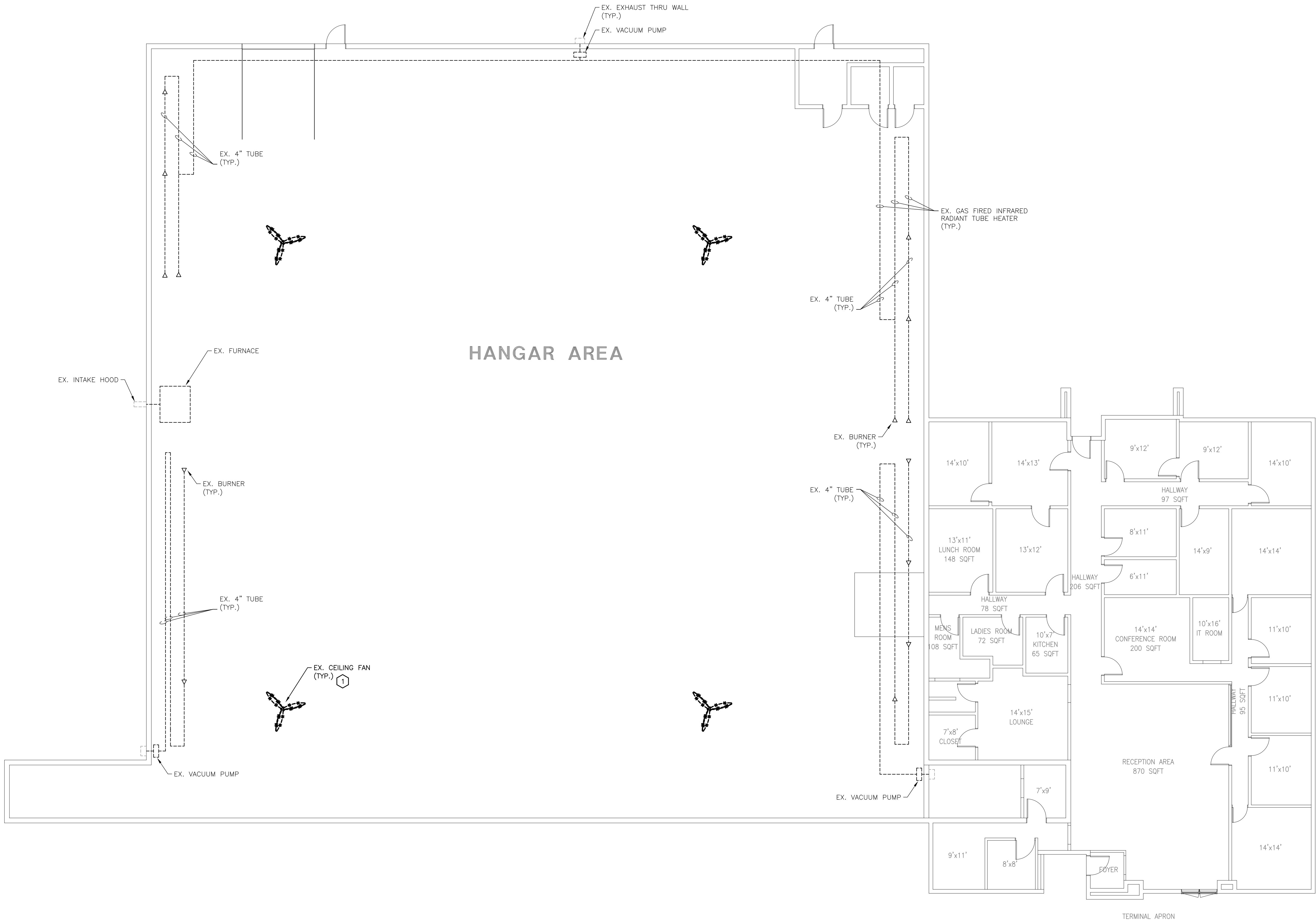
DRAWING TITLE

HANGAR 2 SECOND FLOOR
PLAN - MECHANICAL
REMOVALS

DRAWING NUMBER
MD102
02 OF 09

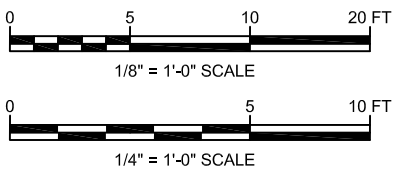
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- DRAWING NOTES - REMOVALS:**
- A. DISCONNECT AND REMOVE ALL EXISTING EQUIPMENT, DEVICES AND CONTROLS AS REQUIRED BACK TO THE POINT OF CONNECTION INDICATED TO ACCOMPLISH WORK SHOWN ON PLANS.
 - B. PROVIDE ALL CUTTING, PATCHING AND FIRESTOPPING REQUIRED TO ACCOMPLISH WORK SHOWN. PATCH AND SEAL OPENINGS TO MATCH ADJACENT WALLS, FLOORS, CEILINGS, ETC., UNLESS OTHERWISE INDICATED.
 - C. FIELD VERIFY ALL LOCATIONS, DIMENSIONS AND EXISTING CONDITIONS (PIPING, DUCTWORK, STRUCTURAL ELEMENTS, ETC.) PRIOR TO STARTING WORK.
 - D. EXISTING EQUIPMENT LOCATIONS, DUCT SIZES AND PIPE SIZES SHOWN ARE APPROXIMATE AND NEED TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO STARTING THE WORK. NOT ALL EXISTING HVAC EQUIPMENT, DUCTWORK AND PIPING IN THE WORK AREA HAS BEEN SHOWN. FIELD VERIFY ACTUAL EXTENT OF REMOVALS WORK AT SITE.
 - E. CAP OFF ALL DUCT OPENINGS CREATED BY REMOVALS WORK AIRTIGHT. TEMPORARILY SEAL OFF DUCT OPENINGS TO BE REUSED FROM CONSTRUCTION DEBRIS.
 - F. CLEAN ALL EXISTING DUCTWORK TO REMAIN WITHIN THE WORK AREA AND WHERE INDICATED. VACUUM CLEAN, SANITIZE, AND PRESSURE TEST ALL EXISTING DUCTWORK THAT ARE BEING REUSED.
 - G. COORDINATE ALL REMOVAL WORK WITH HAZARDOUS MATERIALS ABATEMENT DRAWINGS AND REPORTS.

- KEYED NOTES:**
- 1. REMOVE EXISTING FAN IN ITS ENTIRETY.



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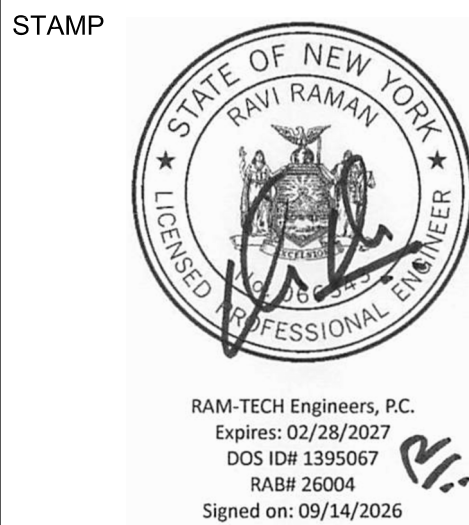


CLIENT: GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

PROJECT: REHABILITATION OF HANGARS 2 & 3 - PHASE 2

REVISIONS		
NO.	DATE	DESCRIPTION



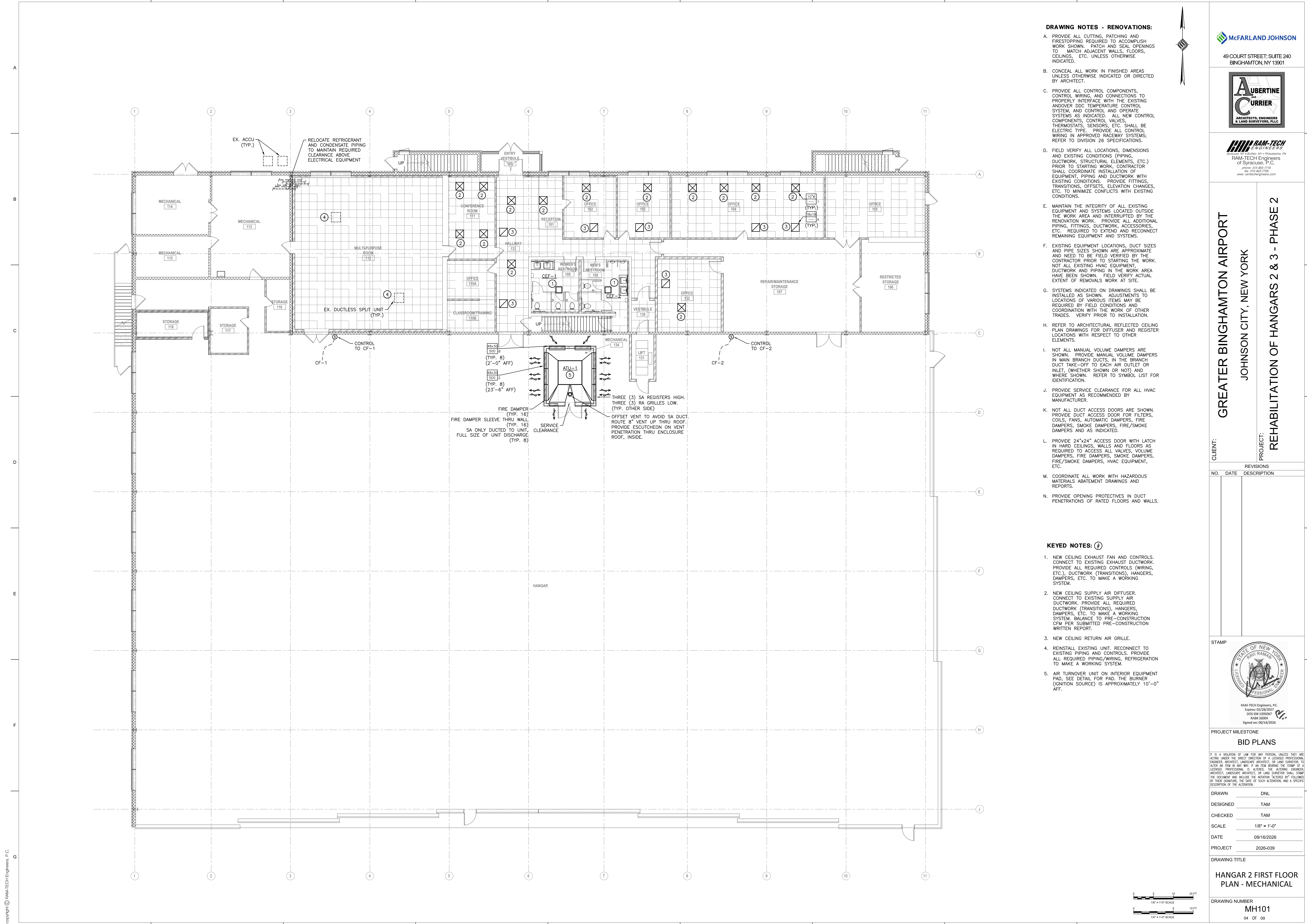
PROJECT MILESTONE
BID PLANS

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DRAWN	DNL
DESIGNED	TAM
CHECKED	TAM
SCALE	1/8" = 1'-0"
DATE	09/16/2026
PROJECT	2026-039

DRAWING TITLE
**HANGAR 3 FIRST FLOOR
PLAN - MECHANICAL
REMOVALS**

DRAWING NUMBER
MD103
03 OF 09



DRAWING NOTES - RENOVATIONS:

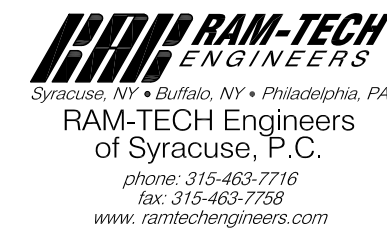
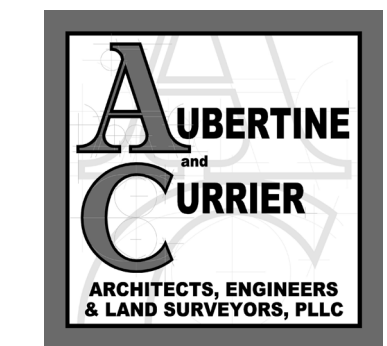
- A. PROVIDE ALL CUTTING, PATCHING AND FIRESTOPPING REQUIRED TO ACCOMPLISH WORK SHOWN. PATCH AND SEAL OPENINGS TO MATCH ADJACENT WALLS, FLOORS, CEILINGS, ETC. UNLESS OTHERWISE INDICATED.
- B. CONCEAL ALL WORK IN FINISHED AREAS UNLESS OTHERWISE INDICATED OR DIRECTED BY ARCHITECT.
- C. PROVIDE ALL CONTROL COMPONENTS, CONTROL WIRING, AND CONNECTIONS TO PROPERLY INTERFACE WITH THE EXISTING ANDOVER DDC TEMPERATURE CONTROL SYSTEM, AND CONTROL AND OPERATE SYSTEMS AS INDICATED. ALL NEW CONTROL COMPONENTS, CONTROL VALVES, THERMOSTATS, SENSORS, ETC. SHALL BE ELECTRIC TYPE. PROVIDE ALL CONTROL WIRING IN APPROVED RACEWAY SYSTEMS; REFER TO DIVISION 26 SPECIFICATIONS.
- D. FIELD VERIFY ALL LOCATIONS, DIMENSIONS AND EXISTING CONDITIONS (PIPING, DUCTWORK, STRUCTURAL ELEMENTS, ETC.) PRIOR TO STARTING WORK. CONTRACTOR SHALL COORDINATE INSTALLATION OF EQUIPMENT, PIPING AND DUCTWORK WITH EXISTING CONDITIONS. PROVIDE FITTINGS, TRANSITIONS, OFFSETS, ELEVATION CHANGES, ETC. TO MINIMIZE CONFLICTS WITH EXISTING CONDITIONS.
- E. MAINTAIN THE INTEGRITY OF ALL EXISTING EQUIPMENT AND SYSTEMS LOCATED OUTSIDE THE WORK AREA AND INTERRUPTED BY THE RENOVATION WORK. PROVIDE ALL ADDITIONAL PIPING, FITTINGS, DUCTWORK, ACCESSORIES, ETC. REQUIRED TO EXTEND AND RECONNECT REMAINING EQUIPMENT AND SYSTEMS.
- F. EXISTING EQUIPMENT LOCATIONS, DUCT SIZES AND PIPE SIZES SHOWN ARE APPROXIMATE AND NEED TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO STARTING THE WORK. NOT ALL EXISTING HVAC EQUIPMENT DUCTWORK AND PIPING IN THE WORK AREA HAVE BEEN SHOWN. FIELD VERIFY ACTUAL EXTENT OF REMOVALS WORK AT SITE.
- G. SYSTEMS INDICATED ON DRAWINGS SHALL BE INSTALLED AS SHOWN. ADJUSTMENTS TO LOCATIONS OF VARIOUS ITEMS MAY BE REQUIRED BY FIELD CONDITIONS AND COORDINATION WITH WORK OF OTHER TRADES. VERIFY PRIOR TO INSTALLATION.
- H. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN DRAWINGS FOR DIFFUSER AND REGISTER LOCATIONS WITH RESPECT TO OTHER ELEMENTS.
- I. NOT ALL MANUAL VOLUME DAMPERS ARE SHOWN. PROVIDE MANUAL VOLUME DAMPERS IN MAIN BRANCH DUCTS, IN THE BRANCH DUCT TAKE-OFF TO EACH AIR OUTLET OR INLET, (WHETHER SHOWN OR NOT) AND WHERE SHOWN. REFER TO SYMBOL LIST FOR IDENTIFICATION.
- J. PROVIDE SERVICE CLEARANCE FOR ALL HVAC EQUIPMENT AS RECOMMENDED BY MANUFACTURER.
- K. NOT ALL DUCT ACCESS DOORS ARE SHOWN. PROVIDE DUCT ACCESS DOOR FOR FILTERS, COILS, FANS, AUTOMATIC DAMPERS, FIRE DAMPERS, SMOKE DAMPERS, FIRE/SMOKE DAMPERS AND AS INDICATED.
- L. PROVIDE 24"x24" ACCESS DOOR WITH LATCH IN HARD CEILINGS, WALLS AND FLOORS AS REQUIRED TO ACCESS ALL VALVES, VOLUME DAMPERS, FIRE DAMPERS, SMOKE DAMPERS, FIRE/SMOKE DAMPERS, HVAC EQUIPMENT, ETC.
- M. COORDINATE ALL WORK WITH HAZARDOUS MATERIALS ABATEMENT DRAWINGS AND REPORTS.
- N. PROVIDE OPENING PROTECTIVES IN DUCT PENETRATIONS OF RATED FLOORS AND WALLS.

KEYED NOTES: (1)

1. NEW CEILING EXHAUST FAN AND CONTROLS. CONNECT TO EXISTING EXHAUST DUCTWORK. PROVIDE ALL REQUIRED CONTROLS (WIRING, ETC.), DUCTWORK (TRANSITIONS), HANGERS, DAMPERS, ETC. TO MAKE A WORKING SYSTEM.
2. NEW CEILING SUPPLY AIR DIFFUSER. CONNECT TO EXISTING SUPPLY AIR DUCTWORK. PROVIDE ALL REQUIRED DUCTWORK (TRANSITIONS), HANGERS, DAMPERS, ETC. TO MAKE A WORKING SYSTEM. BALANCE TO PRE-CONSTRUCTION CFM PER SUBMITTED PRE-CONSTRUCTION WRITTEN REPORT.
3. NEW CEILING RETURN AIR GRILLE.
4. REINSTALL EXISTING UNIT. RECONNECT TO EXISTING PIPING AND CONTROLS. PROVIDE ALL REQUIRED PIPING/WIRING, REFRIGERATION TO MAKE A WORKING SYSTEM.
5. AIR TURNOVER UNIT ON INTERIOR EQUIPMENT PAD. SEE DETAIL FOR PAD. THE BURNER (IGNITION SOURCE) IS APPROXIMATELY 10'-0" AFF.

McFARLAND JOHNSON

49 COURT STREET, SUITE 240
BINGHAMTON, NY 13901



GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

CLIENT:

PROJECT:
REHABILITATION OF HANGARS 2 & 3 - PHASE 2

REVISIONS

NO.	DATE	DESCRIPTION
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STAMP



PROJECT MILESTONE

BID PLANS

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER IN ANY MANNER ANY PART OF ANY DRAWING BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR. ANY SUCH ALTERATION SHALL BE FOLLOWED BY THE SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

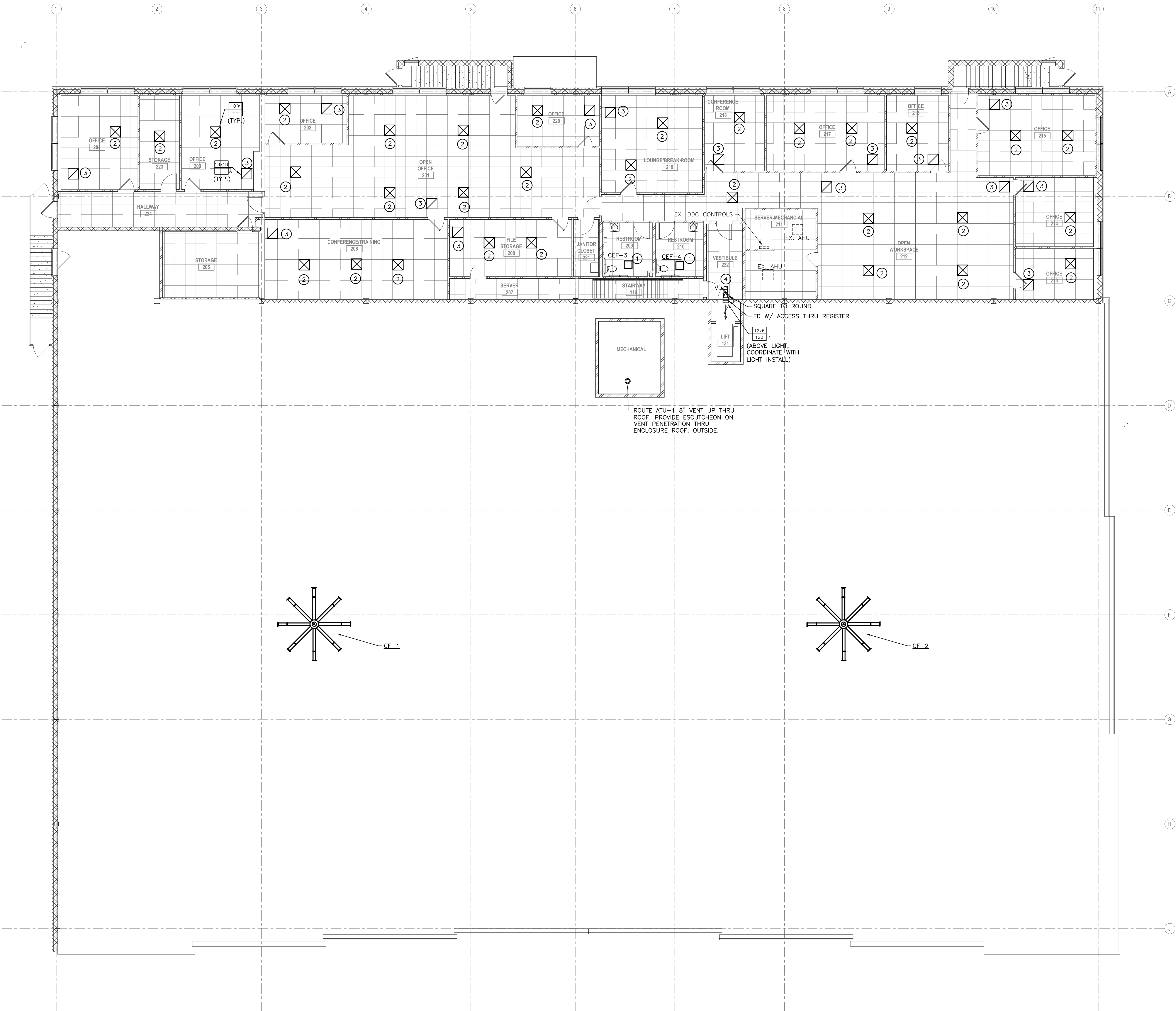
DRAWN	DNL
DESIGNED	TAM
CHECKED	TAM
SCALE	1/8" = 1'-0"
DATE	09/16/2026
PROJECT	2026-039

DRAWING TITLE

HANGAR 2 FIRST FLOOR
PLAN - MECHANICAL

DRAWING NUMBER
MH101
04 OF 09

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DRAWING NOTES - RENOVATIONS:

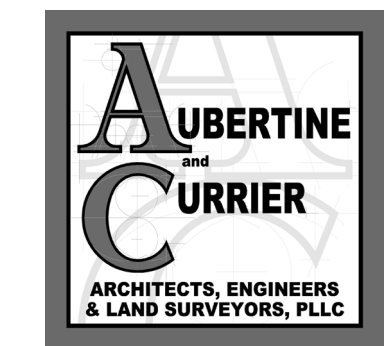
- PROVIDE ALL CUTTING, PATCHING AND FIRESTOPPING REQUIRED TO ACCOMPLISH WORK SHOWN. PATCH AND SEAL OPENINGS TO MATCH ADJACENT WALLS, FLOORS, CEILINGS, ETC. UNLESS OTHERWISE INDICATED.
- CONCEAL ALL WORK IN FINISHED AREAS UNLESS OTHERWISE INDICATED OR DIRECTED BY ARCHITECT.
- PROVIDE ALL CONTROL COMPONENTS, CONTROL WIRING, AND CONNECTIONS TO PROPERLY INTERFACE WITH THE EXISTING ANDOVER DDC TEMPERATURE CONTROL SYSTEM, AND CONTROL AND OPERATE SYSTEMS AS INDICATED. ALL NEW CONTROL COMPONENTS, CONTROL VALVES, THERMOSTATS, SENSORS, ETC. SHALL BE ELECTRIC TYPE. PROVIDE ALL CONTROL WIRING IN APPROVED RACEWAY SYSTEMS; REFER TO DIVISION 26 SPECIFICATIONS.
- FIELD VERIFY ALL LOCATIONS, DIMENSIONS AND EXISTING CONDITIONS (PIPING, DUCTWORK, STRUCTURAL ELEMENTS, ETC.) PRIOR TO STARTING WORK. CONTRACTOR SHALL COORDINATE INSTALLATION OF EQUIPMENT, PIPING AND DUCTWORK WITH EXISTING CONDITIONS. PROVIDE FITTINGS, TRANSITIONS, OFFSETS, ELEVATION CHANGES, ETC. TO MINIMIZE CONFLICTS WITH EXISTING CONDITIONS.
- MAINTAIN THE INTEGRITY OF ALL EXISTING EQUIPMENT AND SYSTEMS LOCATED OUTSIDE THE WORK AREA AND INTERRUPTED BY THE RENOVATION WORK. PROVIDE ALL ADDITIONAL PIPING, FITTINGS, DUCTWORK, ACCESSORIES, ETC. REQUIRED TO EXTEND AND RECONNECT REMAINING EQUIPMENT AND SYSTEMS.
- EXISTING EQUIPMENT LOCATIONS, DUCT SIZES AND PIPE SIZES SHOWN ARE APPROXIMATE AND NEED TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO STARTING THE WORK. NOT ALL EXISTING HVAC EQUIPMENT DUCTWORK AND PIPING IN THE WORK AREA HAVE BEEN SHOWN. FIELD VERIFY ACTUAL EXTENT OF REMOVALS WORK AT SITE.
- SYSTEMS INDICATED ON DRAWINGS SHALL BE INSTALLED AS SHOWN. ADJUSTMENTS TO LOCATIONS OF VARIOUS ITEMS MAY BE REQUIRED BY FIELD CONDITIONS AND COORDINATION WITH THE WORK OF OTHER TRADES. VERIFY PRIOR TO INSTALLATION.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN DRAWINGS FOR DIFFUSER AND REGISTER LOCATIONS WITH RESPECT TO OTHER ELEMENTS.
- NOT ALL MANUAL VOLUME DAMPERS ARE SHOWN. PROVIDE MANUAL VOLUME DAMPERS IN MAIN BRANCH DUCTS, IN THE BRANCH DUCT TAKE-OFF TO EACH AIR OUTLET OR INLET, (WHETHER SHOWN OR NOT) AND WHERE SHOWN. REFER TO SYMBOL LIST FOR IDENTIFICATION.
- PROVIDE SERVICE CLEARANCE FOR ALL HVAC EQUIPMENT AS RECOMMENDED BY MANUFACTURER.
- NOT ALL DUCT ACCESS DOORS ARE SHOWN. PROVIDE DUCT ACCESS DOOR FOR FILTERS, COILS, FANS, AUTOMATIC DAMPERS, FIRE DAMPERS, SMOKE DAMPERS, FIRE/SMOKE DAMPERS AND AS INDICATED.
- PROVIDE 24"x24" ACCESS DOOR WITH LATCH IN HARD CEILINGS, WALLS AND FLOORS AS REQUIRED TO ACCESS ALL VALVES, VOLUME DAMPERS, FIRE DAMPERS, SMOKE DAMPERS, FIRE/SMOKE DAMPERS, HVAC EQUIPMENT, ETC.
- COORDINATE ALL WORK WITH HAZARDOUS MATERIALS ABATEMENT DRAWINGS AND REPORTS.
- PROVIDE OPENING PROTECTIVES IN DUCT PENETRATIONS OF RATED FLOORS AND WALLS.

KEYED NOTES: (7)

- NEW CEILING EXHAUST FAN AND CONTROLS. CONNECT TO EXISTING EXHAUST DUCTWORK. PROVIDE ALL REQUIRED CONTROLS (WIRING, ETC.), DUCTWORK (TRANSITIONS), HANGERS, DAMPERS, ETC. TO MAKE A WORKING SYSTEM.
- NEW CEILING SUPPLY AIR DIFFUSER. CONNECT TO EXISTING SUPPLY AIR DUCTWORK. PROVIDE ALL REQUIRED DUCTWORK (TRANSITIONS), HANGERS, DAMPERS, ETC. TO MAKE A WORKING SYSTEM. BALANCE TO PRE-CONSTRUCTION CFM PER SUBMITTED PRE-CONSTRUCTION WRITTEN REPORT.
- NEW CEILING RETURN AIR GRILLE.
- CONNECT NEW 8"x8" SA BRANCH DUCTWORK TO EXISTING SA MAIN DUCTWORK FROM EXISTING SECOND FLOOR AHU (SIZE NEW SA DUCT, DAMPER AND REGISTER AS NEEDED TO BE INSTALLED ABOVE DOOR). PROVIDE ALL REQUIRED DUCTWORK (TRANSITIONS), HANGERS, DAMPERS, INSULATION, ETC. TO MAKE A WORKING SYSTEM.

McFARLAND JOHNSON

49 COURT STREET, SUITE 240
BINGHAMTON, NY 13901



RAM-TECH ENGINEERS
Syracuse, NY • Buffalo, NY • Philadelphia, PA
RAM-TECH Engineers
of Syracuse, P.C.
Phone: 315-463-7710
Fax: 315-463-7708
www.ramtechengineers.com

GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

REHABILITATION OF HANGARS 2 & 3 - PHASE 2

CLIENT:

PROJECT:

REVISIONS

NO. DATE DESCRIPTION

STAMP



PROJECT MILESTONE

BID PLANS

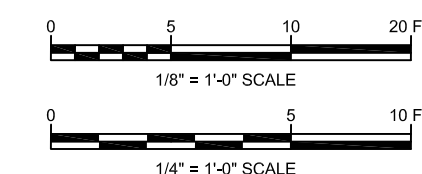
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER IN ANY MANNER, OR IN ANY WAY, IF AN ITEM BORROWING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL SIGN THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

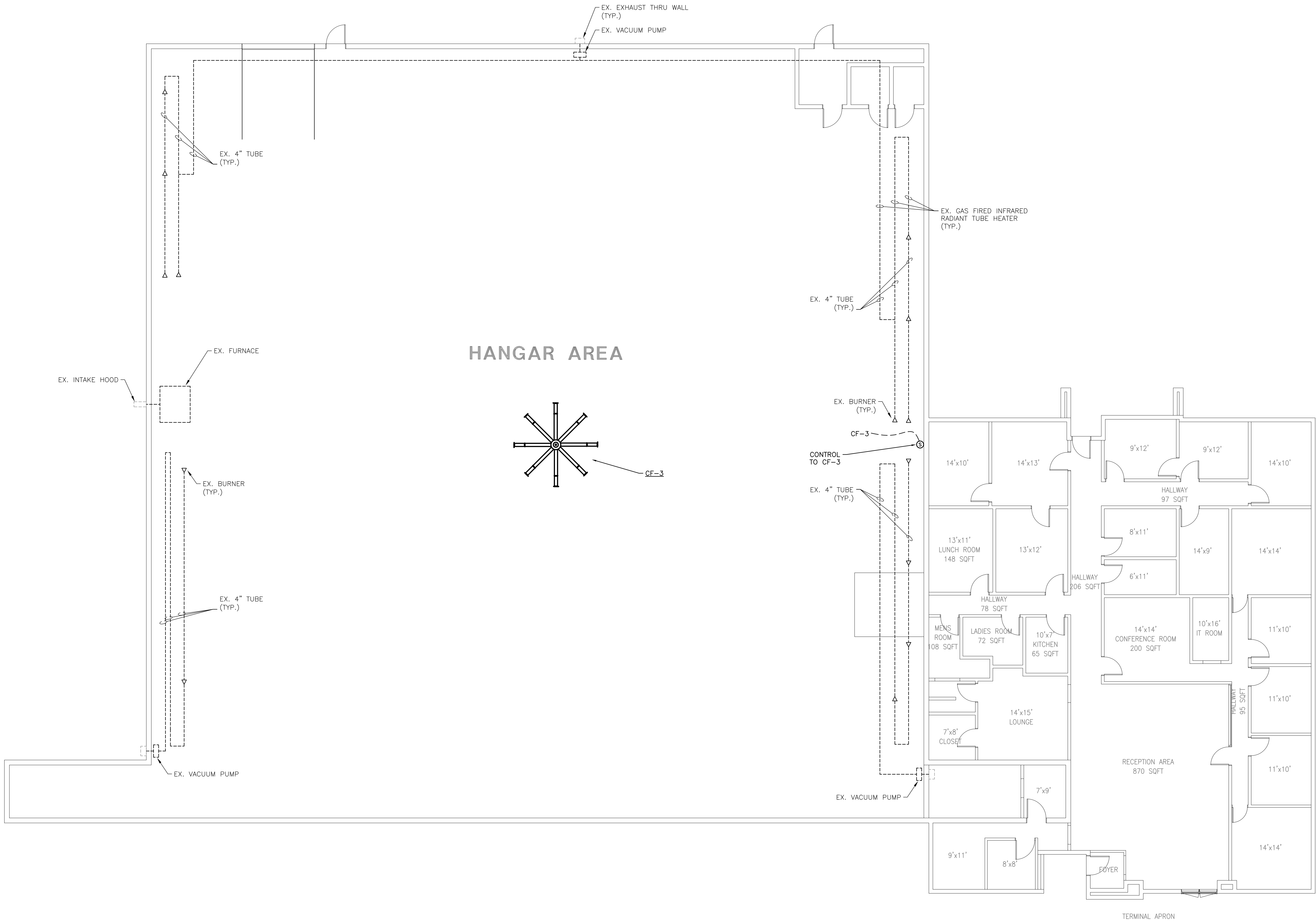
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DESIGNED TAM
CHECKED TAM
SCALE 1/8" = 1'-0"
DATE 09/16/2026
PROJECT 2026-039

DRAWING TITLE

HANGAR 2 SECOND FLOOR
PLAN - MECHANICAL

DRAWING NUMBER
MH102
05 OF 09





DRAWING NOTES - RENOVATIONS:

- PROVIDE ALL CUTTING, PATCHING AND FIRESTOPPING REQUIRED TO ACCOMPLISH WORK SHOWN. PATCH AND SEAL OPENINGS TO MATCH ADJACENT WALLS, FLOORS, CEILINGS, ETC. UNLESS OTHERWISE INDICATED.
- CONCEAL ALL WORK IN FINISHED AREAS UNLESS OTHERWISE INDICATED OR DIRECTED BY ARCHITECT.
- PROVIDE ALL CONTROL COMPONENTS, CONTROL WIRING, AND CONNECTIONS TO PROPERLY INTERFACE WITH THE EXISTING ANDOVER DDC TEMPERATURE CONTROL SYSTEM, AND CONTROL AND OPERATE SYSTEMS AS INDICATED. ALL NEW CONTROL COMPONENTS, CONTROL VALVES, THERMOSTATS, SENSORS, ETC. SHALL BE ELECTRIC TYPE. PROVIDE ALL CONTROL WIRING IN APPROVED RACEWAY SYSTEMS; REFER TO DIVISION 26 SPECIFICATIONS.
- FIELD VERIFY ALL LOCATIONS, DIMENSIONS AND EXISTING CONDITIONS (PIPING, DUCTWORK, STRUCTURAL ELEMENTS, ETC.) PRIOR TO STARTING WORK. CONTRACTOR SHALL COORDINATE INSTALLATION OF EQUIPMENT, PIPING AND DUCTWORK WITH EXISTING CONDITIONS. PROVIDE FITTINGS, TRANSITIONS, OFFSETS, ELEVATION CHANGES, ETC. TO MINIMIZE CONFLICTS WITH EXISTING CONDITIONS.
- MAINTAIN THE INTEGRITY OF ALL EXISTING EQUIPMENT AND SYSTEMS LOCATED OUTSIDE THE WORK AREA AND INTERRUPTED BY THE RENOVATION WORK. PROVIDE ALL ADDITIONAL PIPING, FITTINGS, DUCTWORK, ACCESSORIES, ETC. REQUIRED TO EXTEND AND RECONNECT REMAINING EQUIPMENT AND SYSTEMS.
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- SYSTEMS INDICATED ON DRAWINGS SHALL BE INSTALLED AS SHOWN. ADJUSTMENTS TO LOCATIONS OF VARIOUS ITEMS MAY BE REQUIRED BY FIELD CONDITIONS AND COORDINATION WITH THE WORK OF OTHER TRADES. VERIFY PRIOR TO INSTALLATION.
- PROVIDE SERVICE CLEARANCE FOR ALL HVAC EQUIPMENT AS RECOMMENDED BY MANUFACTURER.
- COORDINATE ALL WORK WITH HAZARDOUS MATERIALS ABATEMENT DRAWINGS AND REPORTS.



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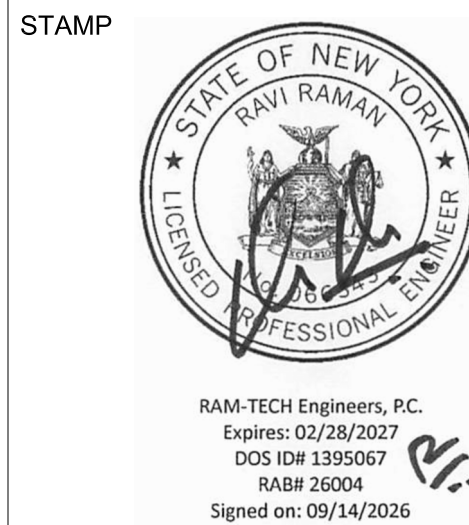


CLIENT: GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

PROJECT: REHABILITATION OF HANGARS 2 & 3 - PHASE 2

REVISIONS		
NO.	DATE	DESCRIPTION



PROJECT MILESTONE

BID PLANS

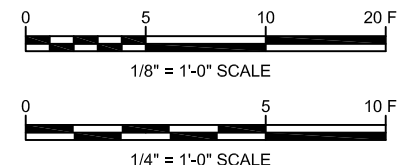
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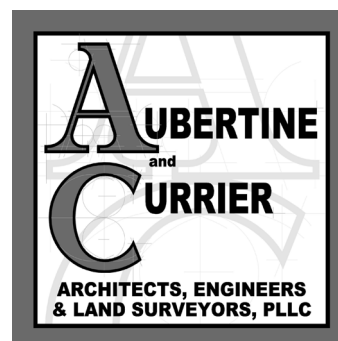
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DESIGNED	TAM
CHECKED	TAM
SCALE	1/8" = 1'-0"
DATE	09/16/2026
PROJECT	2026-039

DRAWING TITLE

**HANGAR 3 FIRST FLOOR
PLAN - MECHANICAL**

DRAWING NUMBER
MH103
06 OF 09





GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

REHABILITATION OF HANGARS 2 & 3 - PHASE 2

CLIENT:

PROJECT:

REVISIONS

NO.	DATE	DESCRIPTION
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STAMP



RAM-TECH Engineers, P.C.
Expires: 02/28/2027
DOS ID# 1395067
RAB# 26004
Signed on: 09/14/2026

PROJECT MILESTONE

BID PLANS

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER ANY ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL OR ALTERED BY AN ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DRAWN	DNL
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DATE 09/16/2026

PROJECT	2026-039
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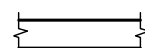
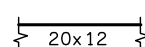
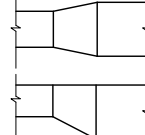
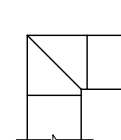
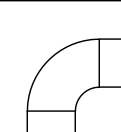
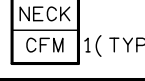
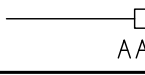
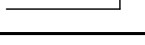
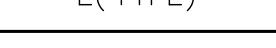
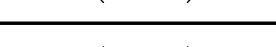
SYMBOL LIST

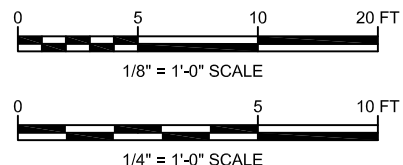
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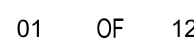
HVAC ABBREVIATIONS LIST	
AAD	AUTOMATIC AIR DAMPER
AD	ACCESS DOOR
AFF	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
APD	AIR PRESSURE DROP
ATU	AIR TURNOVER UNIT
BHP	BRAKE HORSE POWER
BTU	BRITISH THERMAL UNIT
CF	CEILING FAN
CFM	CUBIC FEET PER MINUTE
DDC	DIRECT DIGITAL CONTROL
DIA	DIAMETER
DN	DOWN
EA	EXHAUST AIR
EAH	ENTERING AIR HUMIDITY
EAT	ENTERING AIR TEMPERATURE
EF	EXHAUST FAN
EWH	ELECTRIC WALL HEATER
ERU	ENERGY RECOVERY UNIT
ETR	EXISTING TO REMAIN
F	FAHRENHEIT
FA	FRESH AIR
FD	FIRE DAMPER
FDC	FLEXIBLE DUCT CONNECTOR
FPM	FEET PER MINUTE
FT	FEET
GC	GENERAL CONTRACTOR

HVAC ABBREVIATIONS LIST	
HP	HORSEPOWER
HR	HOUR
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
IN.	INCH
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LV	LOUVER
MAX.	MAXIMUM
MBH	THOUSAND BRITISH THERMAL UNITS
MD	MANUAL DAMPER
MIN.	MINIMUM
NO.	NUMBER
OA	OUTSIDE AIR
OED	OPEN END DUCT
RA	RETURN AIR
RH	INFRA-RED RADIANT HEATER
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SP	STATIC PRESSURE
TYP.	TYPICAL
V	VOLT
VD	VOLUME DAMPER
VEF	VEHICLE EXHAUST FAN

HVAC SYMBOL LIST	
	DUCTWORK
	EQUIPMENT
	THERMOSTAT, SENSOR, THERMISTOR
	THERMOSTAT, SENSOR, THERMISTOR MOUNTED IN PIPING
	DUCT SIZE, FIRST FIGURE IS SIDE SHOWN
	DUCT SECTION - SUPPLY
	DUCT SECTION - RETURN, EXHAUST OR OUTSIDE AIR
	SUPPLY DUCT DOWN
	RETURN, EXHAUST OR OUTSIDE AIR DUCT DOWN
	SUPPLY DUCT UP
	RETURN, EXHAUST OR OUTSIDE AIR DUCT UP
	TRANSITIONS: GIVE SIZES NOTE F.O.T. FLAT ON TOP OR F.O.B FLAT ON BOTTOM IF APPLICABLE
	MITERED ELBOW WITH TURNING VANES
	RADIUSED ELBOW
	SUPPLY DUCT THRU FLOOR OR ROOF
	RETURN DUCT THRU FLOOR OR ROOF
	RETURN/EXHAUST - GRILLE/REGISTER IDENTIFICATION
	SUPPLY DIFFUSER/ IDENTIFICATION
	AUTOMATIC AIR DAMPER ELECTRIC OR PNEUMATICALLY OPERATED.
	MANUAL VOLUME DAMPER
	EXISTING TO BE REMOVED
	EXISTING TO BE REMOVED
	EXISTING TO BE REMOVED



1. DISCONNECT AND REMOVE EXISTING MECHANICAL EQUIPMENT WIRING AND RACEWAY BACK TO SOURCE.
2. DISCONNECT WIRING FROM EXISTING MECHANICAL EQUIPMENT. RETAIN FOR RECONNECTION AFTER REINSTALLATION BY DIV. 23.
3. DISCONNECT AND REMOVE OVERHEAD SERVICE CONDUCTORS AND ASSOCIATED WEATHERHEAD(S) RETAIN EXISTING CONDUITS PENETRATING EXTERIOR WALL. NOTIFY AND COORDINATE FULLY WITH UTIL COMPANY. COORDINATE ELECTRICAL SERVICE SHUT DOWN WITH UTILITY COMPANY. NOTIFY OWNER 48 HOURS IN ADVANCE OF SERVICE INTERRUPTIONS.
4. DISCONNECT AND REMOVE FIRE ALARM CONTROL PANEL AND ASSOCIATED BACT EQUIPMENT. DISCONNECT ANY ASSOCIATED TELEPHONE LINE(S) AND RETAIN FOR CONNECTION TO NEW FIRE ALARM SYSTEM.
5. DISCONNECT AND REMOVE ALL POWER, DATA AND TELEPHONE WIRING AND CABLE ASSOCIATED WITH RECEPTION COUNTER.



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GENERAL NOTES - REMOVALS:

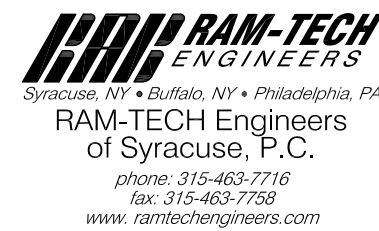
- DISCONNECT & REMOVE ALL EXISTING EQUIPMENT, DEVICES, CONTROLS & ASSOCIATED CONDUIT/CABLE/RACEWAY BACK TO THE POINT OF ORIGIN AS REQUIRED TO ACCOMPLISH WORK SHOWN ON PLANS. EQUIPMENT TO BE REMOVED BY THE CONTRACTOR SHALL INCLUDE, BUT NOT BE LIMITED TO:
 - LUMINAIRES
 - WIRING DEVICES
 - FIRE ALARM DEVICES
 - DATA RECEPTACLES
 - MECHANICAL EQUIPMENT
- CONDUCT ALL REMOVAL WORK TO MINIMIZE INTERFERENCE WITH ADJACENT & OCCUPIED BUILDING AREAS. COORDINATE ALL WORK WITH OWNER'S REPRESENTATIVE.
- PROVIDE ALL CUTTING, PATCHING & FIRESTOPPING REQUIRED TO ACCOMPLISH WORK SHOWN. PATCH & SEAL OPENINGS TO MATCH ADJACENT WALLS, FLOORS, CEILINGS, ETC., UNLESS OTHERWISE INDICATED.
- MAINTAIN THE INTEGRITY OF ALL EXISTING EQUIPMENT & SYSTEMS LOCATED OUTSIDE THE WORK AREA & INTERRUPTED BY THE REMOVALS WORK. PROVIDE ALL ADDITIONAL CONDUIT, CONDUCTORS, JUNCTION BOX(ES), ACCESSORIES, ETC. REQUIRED TO EXTEND & RECONNECT REMAINING EQUIPMENT & SYSTEMS.
- SCHEDULE SYSTEMS SHUTDOWNS WITH OWNER. PROVIDE A MINIMUM OF 72 HOUR NOTICE. SYSTEM SHUTDOWNS SHALL NOT INTERFERE WITH BUILDING OPERATIONS.
- EXISTING EQUIPMENT LOCATIONS & SIZES SHOWN ARE APPROXIMATE & NEED TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO STARTING THE WORK. NOT ALL EXISTING ELECTRICAL EQUIPMENT IN THE WORK AREA HAS BEEN SHOWN. FIELD VERIFY ACTUAL EXTENT OF REMOVALS WORK AT SITE.
- EXISTING FIRE ALARM NOTIFICATION APPLIANCES SHALL REMAIN DURING CONSTRUCTION. MAINTAIN & PROTECT ALL EXISTING CIRCUITRY & DEVICES. SCHEDULE SYSTEM SHUTDOWNS WITH OWNER. PROVIDE A MINIMUM OF 72 HOURS NOTICE. SYSTEM SHUTDOWNS SHALL NOT INTERFERE WITH BUILDING OPERATIONS. CONTRACTOR SHALL REMOVE EXISTING FIRE ALARM APPLIANCES UNDER THE DIRECTION OF THE NOTIFIER MAINTENANCE/SUPERVISOR PROVIDER. THE MAINTENANCE/SUPERVISOR PROVIDER SHALL DIRECT ALL WORK & BE RESPONSIBLE FOR TAKING ANY PORTION OF THE SYSTEM OFFLINE & REPROGRAMMING. DISCONNECT & REMOVE EXISTING & TEMPORARY DEVICES AT THE END OF CONSTRUCTION & REPROGRAM THE FIRE ALARM SYSTEM.

KEYED NOTES: #

- DISCONNECT AND REMOVE EXISTING MECHANICAL EQUIPMENT WIRING AND RACEWAY BACK TO SOURCE.
- DISCONNECT AND REMOVE CEILING SPEAKER AND RETAIN FOR REINSTALLATION.



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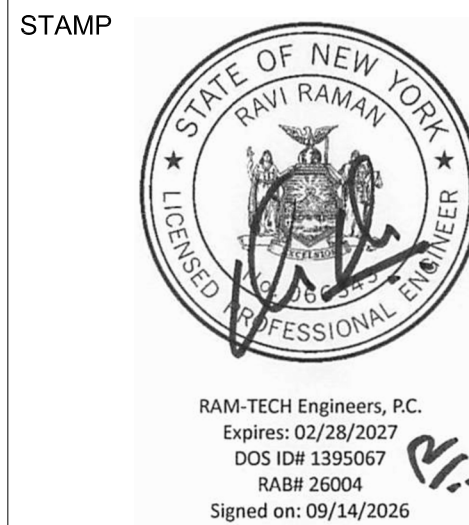


CLIENT: GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

PROJECT: REHABILITATION OF HANGARS 2 & 3 - PHASE 2

REVISIONS		
NO.	DATE	DESCRIPTION



PROJECT MILESTONE

BID PLANS

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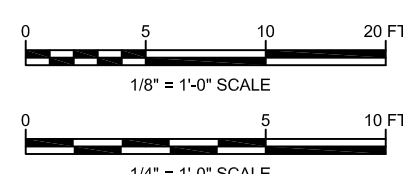
DRAWING TITLE

HANGAR 2 SECOND FLOOR
PLAN - ELECTRICAL
REMOVALS

DRAWING NUMBER

ED102

02 OF 12



GENERAL NOTES - REMOVALS:

- A. DISCONNECT & REMOVE ALL EXISTING EQUIPMENT, DEVICES, CONTROLS & ASSOCIATED WIRING FROM THE POINT OF ORIGIN AS REQUIRED TO ACCOMPLISH WORK SHOWN ON PLANS. EQUIPMENT TO BE REMOVED BY THE CONTRACTOR SHALL INCLUDE, BUT NOT BE LIMITED TO:
 1. MECHANICAL EQUIPMENT
- B. CONDUCT ALL REMOVAL WORK TO MINIMIZE INTERFERENCE WITH ADJACENT & OCCUPIED BUILDING AREAS. COORDINATE ALL WORK WITH OWNER'S REPRESENTATIVE.
- C. PROVIDE ALL CUTTING, PATCHING & FIRESTOPPING REQUIRED TO ACCOMPLISH WORK SHOWN. PATCH & SEAL OPENINGS TO MATCH ADJACENT WALLS, FLOORS, CEILINGS, ETC., UNLESS OTHERWISE INDICATED.
- D. MAINTAIN THE INTEGRITY OF ALL EXISTING EQUIPMENT & SYSTEMS LOCATED OUTSIDE THE WORK AREA & INTERRUPTED BY THE REMOVALS WORK. PROVIDE ALL NECESSARY CONDUIT, RACEWAYS, BOX(ES), ACCESSORIES, ETC. REQUIRED TO EXTEND & RECONNECT REMAINING EQUIPMENT & SYSTEMS.
- E. SCHEDULE SYSTEMS SHUTDOWNS WITH OWNER. PROVIDE A MINIMUM OF 72 HOUR NOTICE. SYSTEM SHUTDOWNS SHALL NOT INTERFERE WITH BUILDING OPERATIONS.
- F. EXISTING EQUIPMENT LOCATIONS & SIZES SHOWN ARE APPROXIMATE & NEED TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO STARTING THE WORK. NOT ALL EXISTING ELECTRICAL EQUIPMENT IN THE WORK AREA HAS BEEN SHOWN. VERIFY ACTUAL EXTENT OF REMOVALS WORK AT SITE.

KEYED NOTES:

- DISCONNECT AND REMOVE EXISTING MECHANICAL EQUIPMENT WIRING AND RACEWAY BACK TO SOURCE.



49 COURT STREET; SUITE 240
BINGHAMTON, NY 13901



RAM-TECH Engineers
of Syracuse, P.C.
phone: 315-463-7716
fax: 315-463-7758
www.ramtechengineers.com

GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

REHABILITATION OF HANGARS 2 & 3 - PHASE 2

REVISIONS		
NO.	DATE	DESCRIPTION

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RAM-TECH Engineers, P.C.
Expires: 02/28/2027
DOS ID# 1395067
RAB# 26004
Signed on: 09/14/2026

PROJECT MILESTONE

BID PLANS

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DRAWN	FAR
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CHECKED	TAM
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DATE	09/16/2026
PROJECT	2026-039

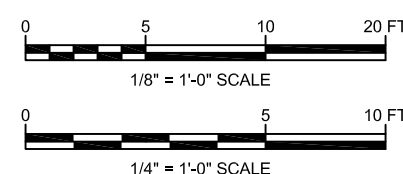
DRAWING TITLE

HANGAR 3 FIRST FLOOR PLAN - ELECTRICAL REMOVALS

DRAWING NUMBER

ED103

03 OF 12



A/C

FIELD LIGHTS CONTR'L

PANELS LP2

PANEL LP3

PANEL PP2

225A-3P

225A-3P

225A-3P

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4

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SECTION DP-2

WELDER

50A-3P

1

100A-3P

2

MAGNETFLUX MACHINE

100A-3P

3

SUSP. RANGE, RECEPT. DISC. SW., NORTH WALL

100A-3P

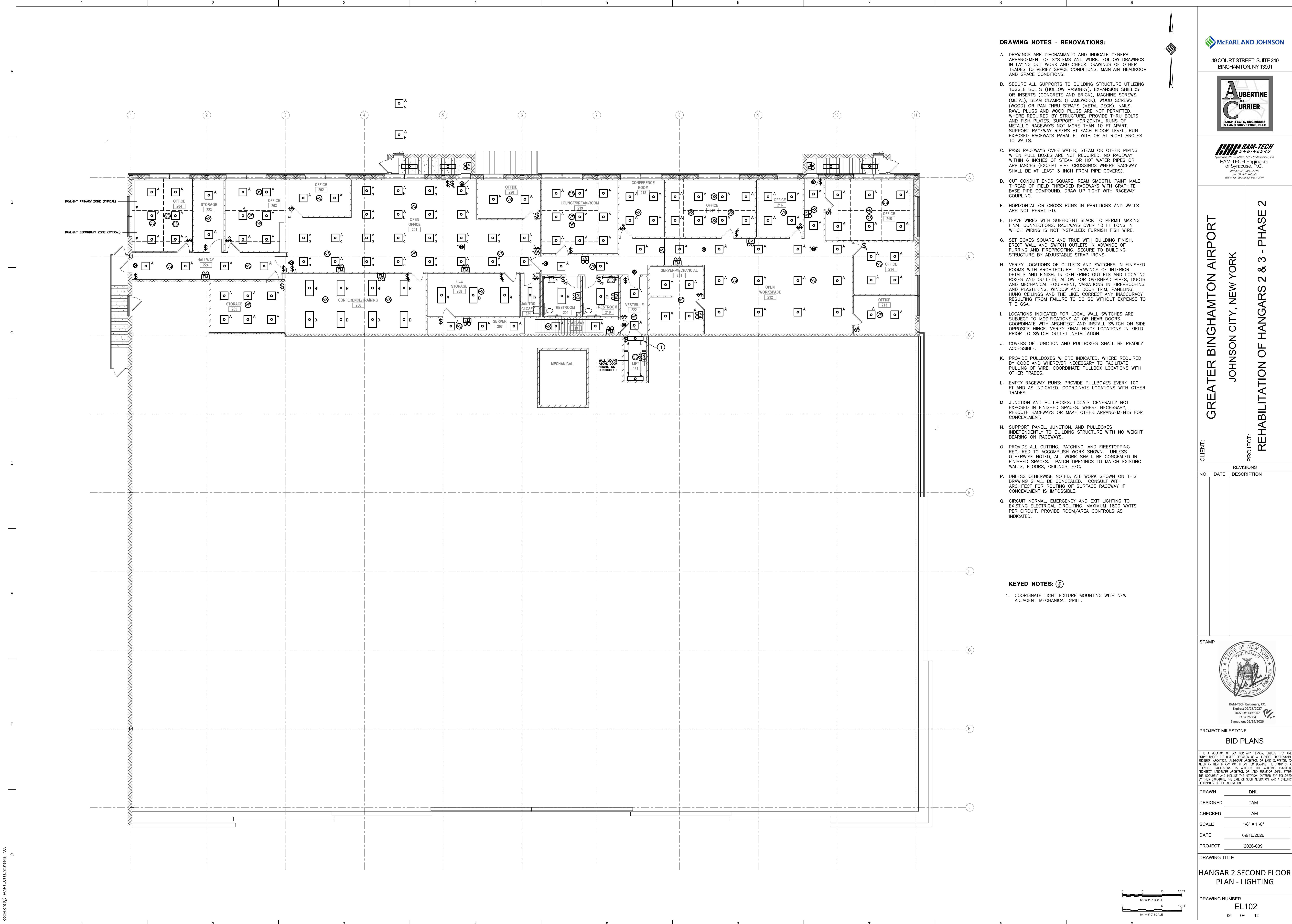
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SECTION DP-3

PANEL

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DRAWING NOTES - RENOVATIONS:

- A. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. FOLLOW DRAWINGS IN LAYING OUT WORK AND CHECK DRAWINGS OF OTHER TRADES TO VERIFY SPACE CONDITIONS. MAINTAIN HEADROOM AND SPACE CONDITIONS.
- B. SECURE ALL SUPPORTS TO BUILDING STRUCTURE UTILIZING TOGGLE BOLTS (HOLLOW MASONRY), EXPANSION SHIELDS OR INSERTS (CONCRETE AND BRICK), MACHINE SCREWS (METAL), BEAM CLAMPS (FRAMEWORK), WOOD SCREWS (WOOD) OR PAN THRU STRAPS (METAL DECK). NAILS, RAWL PLUGS AND WOOD PLUGS ARE NOT PERMITTED. WHERE REQUIRED BY STRUCTURE, PROVIDE THRU BOLTS AND FISH PLATES. SUPPORT HORIZONTAL RUNS OF METALLIC RACEWAYS NOT MORE THAN 10 FT APART. SUPPORT RACEWAYS RISERS AT EACH FLOOR LEVEL. RUN EXPOSED RACEWAYS PARALLEL WITH OR AT RIGHT ANGLES TO WALLS.
- C. PASS RACEWAYS OVER WATER, STEAM OR OTHER PIPING WHEN PULL BOXES ARE NOT REQUIRED. NO RACEWAY WITHIN 6 INCHES OF STEAM OR HOT WATER PIPES OR APPLIANCES (EXCEPT PIPE CROSSINGS WHERE RACEWAY SHALL BE AT LEAST 3 INCH FROM PIPE COVERS).
- D. CUT CONDUIT ENDS SQUARE. REAM SMOOTH. PAINT MALE THREAD OF FIELD THREADED RACEWAYS WITH GRAPHITE BASE PIPE COMPOUND. DRAW UP TIGHT WITH RACEWAY COUPLING.
- E. HORIZONTAL OR CROSS RUNS IN PARTITIONS AND WALLS ARE NOT PERMITTED.
- F. LEAVE WIRES WITH SUFFICIENT SLACK TO PERMIT MAKING FINAL CONNECTIONS. RACEWAYS OVER 10 FT LONG IN WHICH WIRING IS NOT INSTALLED: FURNISH FISH WIRE.
- G. SET BOXES SQUARE AND TRUE WITH BUILDING FINISH. ERECT WALL AND SWITCH OUTLETS IN ADVANCE OF FURRING AND FIREPROOFING. SECURE TO BUILDING STRUCTURE BY ADJUSTABLE STRAP IRONS.
- H. VERIFY LOCATIONS OF OUTLETS AND SWITCHES IN FINISHED ROOMS WITH ARCHITECTURAL DRAWINGS OF INTERIOR DETAILS AND FINISH. IN CENTERING OUTLETS AND LOCATING BOXES AND OUTLETS, ALLOW FOR OVERHEAD PIPES, DUCTS AND MECHANICAL EQUIPMENT. VARIATIONS IN FIREPROOFING AND PLASTERING, WINDOW AND DOOR TRIM, PANELING, HUNG CEILINGS AND THE LIKE. CORRECT ANY INACCURACY RESULTING FROM FAILURE TO DO SO WITHOUT EXPENSE TO THE GSA.
- I. LOCATIONS INDICATED FOR LOCAL WALL SWITCHES ARE SUBJECT TO MODIFICATIONS AT OR NEAR DOORS. COORDINATE WITH ARCHITECT AND INSTALL SWITCH ON SIDE OPPOSITE HINGE. VERIFY FINAL HINGE LOCATIONS IN FIELD PRIOR TO SWITCH OUTLET INSTALLATION.
- J. COVERS OF JUNCTION AND PULLBOXES SHALL BE READILY ACCESSIBLE.
- K. PROVIDE PULLBOXES WHERE INDICATED, WHERE REQUIRED BY CODE AND WHEREVER NECESSARY TO FACILITATE PULLING OF WIRE. COORDINATE PULLBOX LOCATIONS WITH OTHER TRADES.
- L. EMPTY RACEWAY RUNS: PROVIDE PULLBOXES EVERY 100 FT AND AS INDICATED. COORDINATE LOCATIONS WITH OTHER TRADES.
- M. JUNCTION AND PULLBOXES: LOCATE GENERALLY NOT EXPOSED IN FINISHED SPACES. WHERE NECESSARY, REROUTE RACEWAYS OR MAKE OTHER ARRANGEMENTS FOR CONCEALMENT.
- N. SUPPORT PANEL, JUNCTION, AND PULLBOXES INDEPENDENTLY TO BUILDING STRUCTURE WITH NO WEIGHT BEARING ON RACEWAYS.
- O. PROVIDE ALL CUTTING, PATCHING, AND FIRESTOPPING REQUIRED TO ACCOMPLISH WORK SHOWN. UNLESS OTHERWISE NOTED, ALL WORK SHALL BE CONCEALED IN FINISHED SPACES. PATCH OPENINGS TO MATCH EXISTING WALLS, FLOORS, CEILINGS, ETC.
- P. UNLESS OTHERWISE NOTED, ALL WORK SHOWN ON THIS DRAWING SHALL BE CONCEALED. CONSULT WITH ARCHITECT FOR ROUTING OF SURFACE RACEWAY IF CONCEALMENT IS IMPOSSIBLE.
- Q. CIRCUIT NORMAL, EMERGENCY AND EXIT LIGHTING TO EXISTING ELECTRICAL CIRCUITING. MAXIMUM 1800 WATTS PER CIRCUIT. PROVIDE ROOM/AREA CONTROLS AS INDICATED.

KEYED NOTES: ①

1. COORDINATE LIGHT FIXTURE MOUNTING WITH NEW ADJACENT MECHANICAL GRILL.



49 COURT STREET, SUITE 240
BINGHAMTON, NY 13901



CLIENT: GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

PROJECT: REHABILITATION OF HANGARS 2 & 3 - PHASE 2

CLIENT:

PROJECT:

REVISIONS

NO. DATE DESCRIPTION

STAMP



RAM-TECH Engineers, P.C.
Expires: 02/28/2027
DOB: 04/13/2004
RABR 26004
Signed on: 09/16/2026

PROJECT MILESTONE

BID PLANS

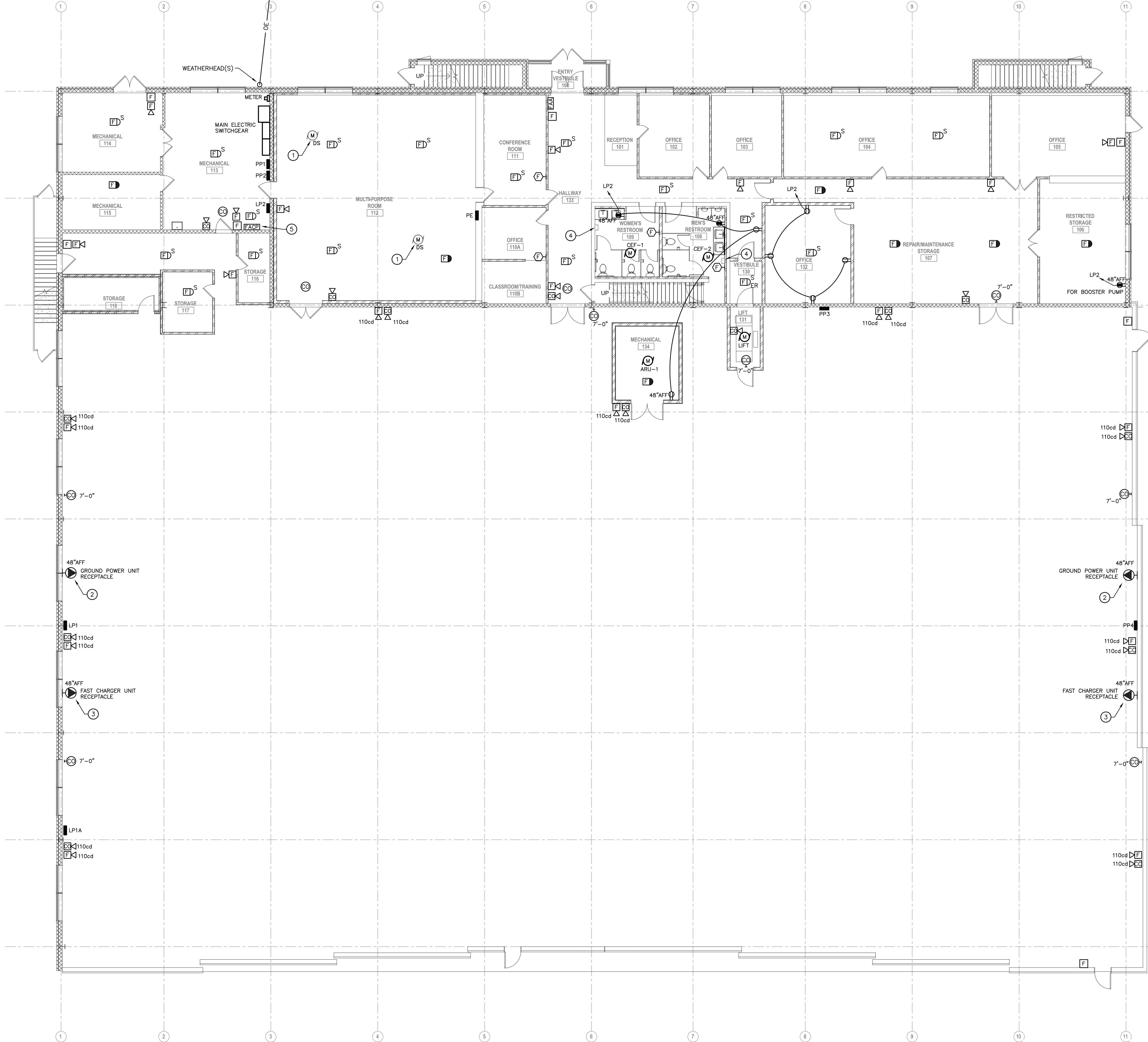
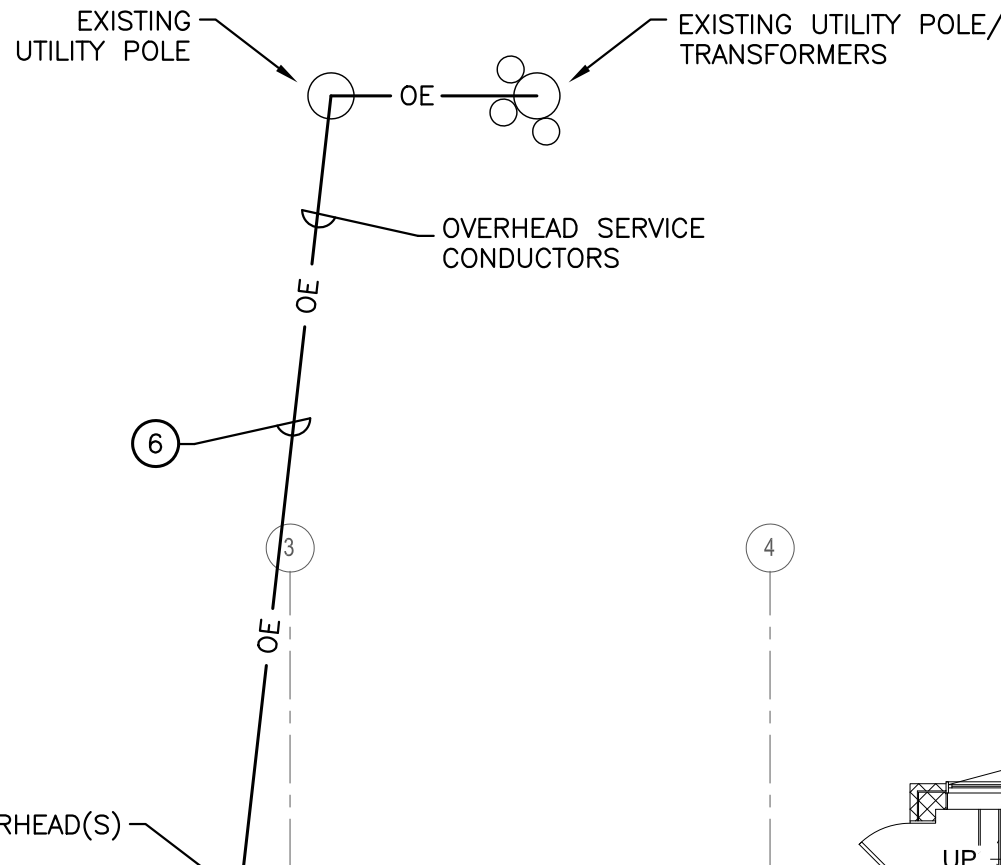
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER IN ANY MANNER, BY ANY MEANS, THE SEAL OR SIGNATURE OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR. ANY SUCH ALTERATION SHALL BE FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DRAWN DNL
DESIGNED TAM
CHECKED TAM
SCALE 1/8" = 1'-0"
DATE 09/16/2026
PROJECT 2026-039

DRAWING TITLE

HANGAR 2 SECOND FLOOR
PLAN - LIGHTING

DRAWING NUMBER
EL 102
06 OF 12



DRAWING NOTES - RENOVATIONS:

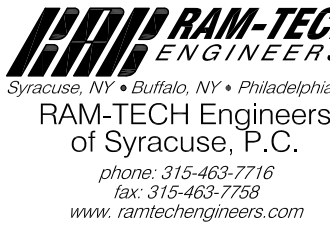
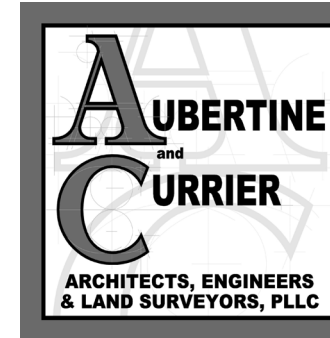
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KEYED NOTES: (1)

- RECONNECT MECHANICAL EQUIPMENT AFTER REINSTALLATION BY DIV. 23.
- GROUND POWER UNIT NON-FUSIBLE MECHANICAL INTERLOCK, 100A, 480V, 3-POLE, 4-WIRE. PASS & SEYMOUR #PS4100MIR7W OR APPROVED EQUAL. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.
- FAST CHARGER UNIT NON-FUSIBLE MECHANICAL INTERLOCK, 100A, 480V, 3-POLE, 4-WIRE. PASS & SEYMOUR #PS4100MIR7W OR APPROVED EQUAL. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION.
- PROVIDE (2)#12 & #12 GND. FROM EACH HAND DRYER TO 20A-1P CIRCUIT BREAKER IN PANELBOARD LP2 (DEDICATED CIRCUITS).
- EXTEND EXISTING NETWORK/TELEPHONE CONNECTION FROM EXISTING FIRE ALARM DACT/DIALER TO NEW FIRE ALARM CONTROL PANEL AS REQUIRED.
- FULLY COORDINATE ALL ELECTRIC SERVICE WORK WITH UTILITY COMPANY.



49 COURT STREET, SUITE 240
BINGHAMTON, NY 13901



GREATER BINGHAMTON AIRPORT

JOHNSON CITY, NEW YORK

REHABILITATION OF HANGARS 2 & 3 - PHASE 2

CLIENT:

PROJECT:

REVISIONS

NO. DATE DESCRIPTION

1. 02/28/2022

2. 03/16/2022

3. 03/16/2022

4. 03/16/2022

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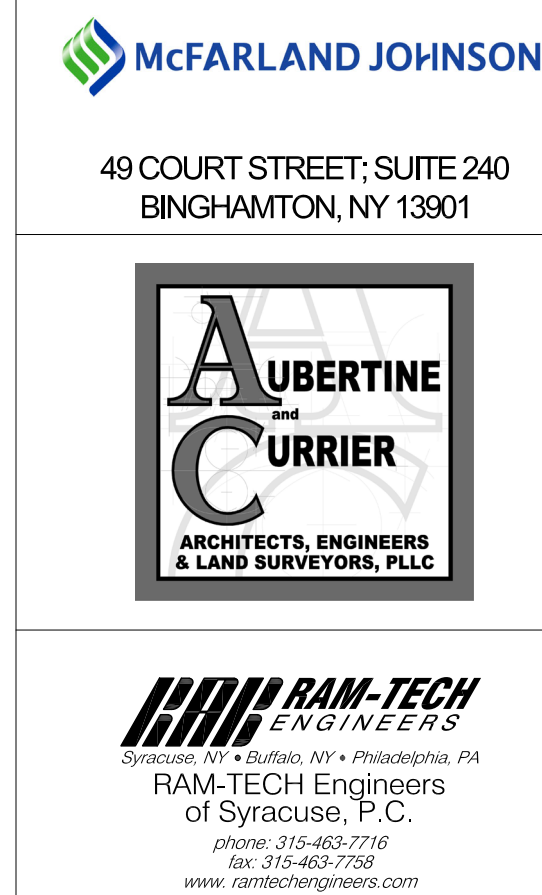
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1. INSTALL NEW DUCT TYPE SMOKE DETECTOR IN EXISTING DUCKWORK AS REQUIRED.
2. PROVIDE (2) #12 & #12 GND. FROM EACH HAND DRYER TO NEW 20A-1P CIRCUIT BREAKER IN EXISTING PANELBOARD (1-T-E, G242 ML3200) LP3 (DEDICATED CIRCUITS).
3. REINSTALL EXISTING CEILING SPEAKER IN NEW CEILING AND RECONNECT TO EXISTING WIRING AS REQUIRED, TYPICAL.



CLIENT:

SUBJECT: REHABILITATION OF HANGARS 2 & 3 - PHASE 2

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 RAM-TECH Engineers, P.C.
 Expires: 02/28/2027
 DOS ID# 1395067
 RAB# 26604
 Signed on: 09/14/2026

BID PLANS

DRAWN FAR

DESIGNED	TAM
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CHECKED	TAM
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SCALE $1/8" = 1'-0"$

DATE 09/16/2026

PROJECT 2026-039

DRAWING TITLE

HANGAR 2 SECOND FLOOR
PLAN - POWER & FIRE
ALARM

DRAWING NUMBER

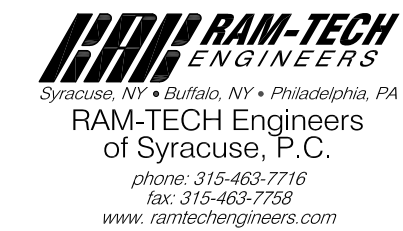
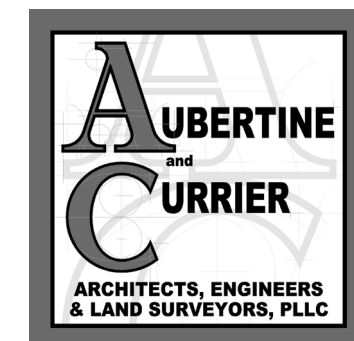
EP102

08 OF 12



M. PROVIDE ALL CUTTING, PATCHING, AND FIRESTOPPING REQUIRED TO ACCOMPLISH WORK SHOWN. UNLESS OTHERWISE NOTED, ALL WORK SHALL BE CONCEALED IN FINISHED SPACES. PATCH OPENINGS TO MATCH EXISTING WALLS, FLOORS, CEILINGS, ETC.

1. CIRCUIT CF-3 TO PANEL LP1A WITH (3)#12 & #12 GND. IN 3/4" RGS CONDUIT. PROVIDE NEW CIRCUIT BREAKER TO MATCH EXISTING MANUFACTURER (ITE).



SUBJECT: REHABILITATION OF HANGARS 2 & 3 - PHASE 2

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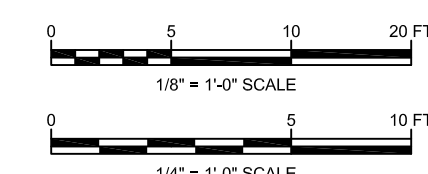


RAM-TECH Engineers, P.C.
Expires: 02/28/2027
DOS ID# 1395067
RAB# 26004
Signed on: 09/14/2026

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DRAWING TITLE

DRAWING NUMBER
EP103
09 OF 12

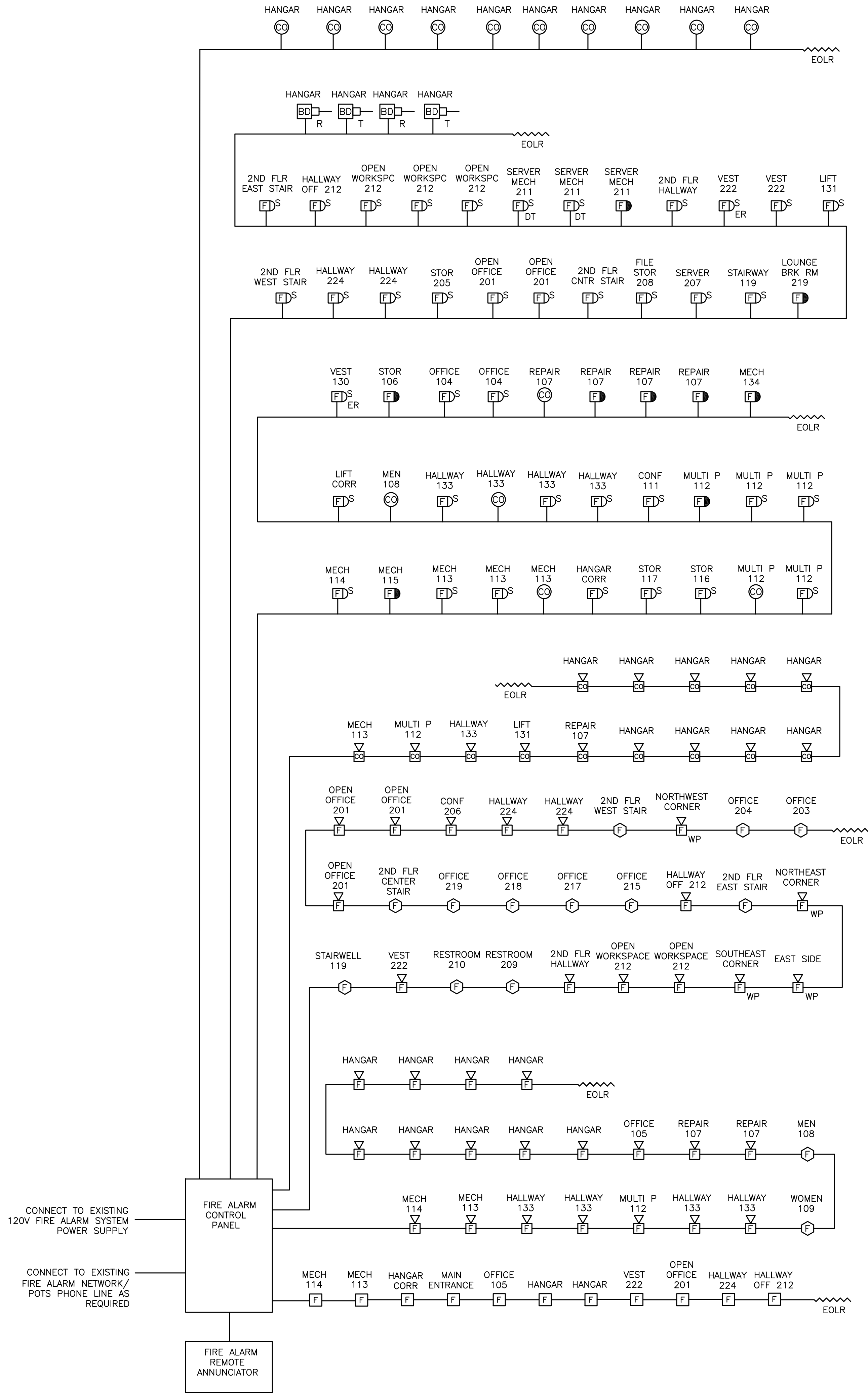


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FIRE ALARM SYSTEM SEQUENCE OF OPERATION MATRIX									
INPUTS	OUTPUTS								
	DISPLAY & SOUND EVENT AT FA CONTROL PANEL	SEND SUPERVISORY SIGNAL TO FA CONTROL PANEL	SEND SUPERVISORY SIGNAL TO BUILDING MANAGEMENT STATION	ACTIVATE FIRE ANNUNCIATION DEVICES (HORN/STROBES) THROUGHOUT BUILDING	ACTIVATE CO ANNUNCIATION DEVICES (HORN/STROBES) THROUGHOUT BUILDING	SEND ALARM SIGNAL TO DESIGNATED CENTRAL STATION	SEND ALARM SIGNAL TO BUILDING MANAGEMENT STATION	SEND SYSTEM TROUBLE TO DESIGNATED CENTRAL STATION	SEND ALARM SIGNAL TO BINGHAMTON FIRE
AREA SMOKE DETECTOR	X	X	X	X	X	X	X	X	X
DUCT SMOKE DETECTOR	X	X	X	X	X	X	X	X	X
AREA HEAT DETECTOR	X	X	X	X	X	X	X	X	X
MANUAL PULL STATION	X	X	X	X	X	X	X	X	X
CARBON MONOXIDE DETECTOR	X	X	X	X	X	X	X	X	X
SYSTEM TROUBLE CONDITION	X								
LIFT LOBBY SMOKE DETECTOR	X	X	X	X	X	X	X	X	X
SMOKE DETECTOR IN LIFT SHAFT	X	X	X	X	X	X	X	X	X

DIAGRAM NOTES:

- A. ALL FIRE ALARM CIRCUIT WIRING SHALL BE CLASS A TYPE, NAC LOOPS SHALL BE CLASS A, STYLE Z WITH (2) WIRES OUT AND (2) WIRES BACK IN SEPERATE RACEWAYS. INITIATING SLC LOOP WIRING SHALL BE CLASS A, STYLE D WITH (2) WIRES OUT AND (2) WIRES BACK IN SEPERATE RACEWAYS. ALL FIRE ALARM SYSTEM WIRING SHALL BE COORDINATED WITH MANUFACTURER.



1 PARTIAL FIRE ALARM SYSTEM DIAGRAM
NOT TO SCALE

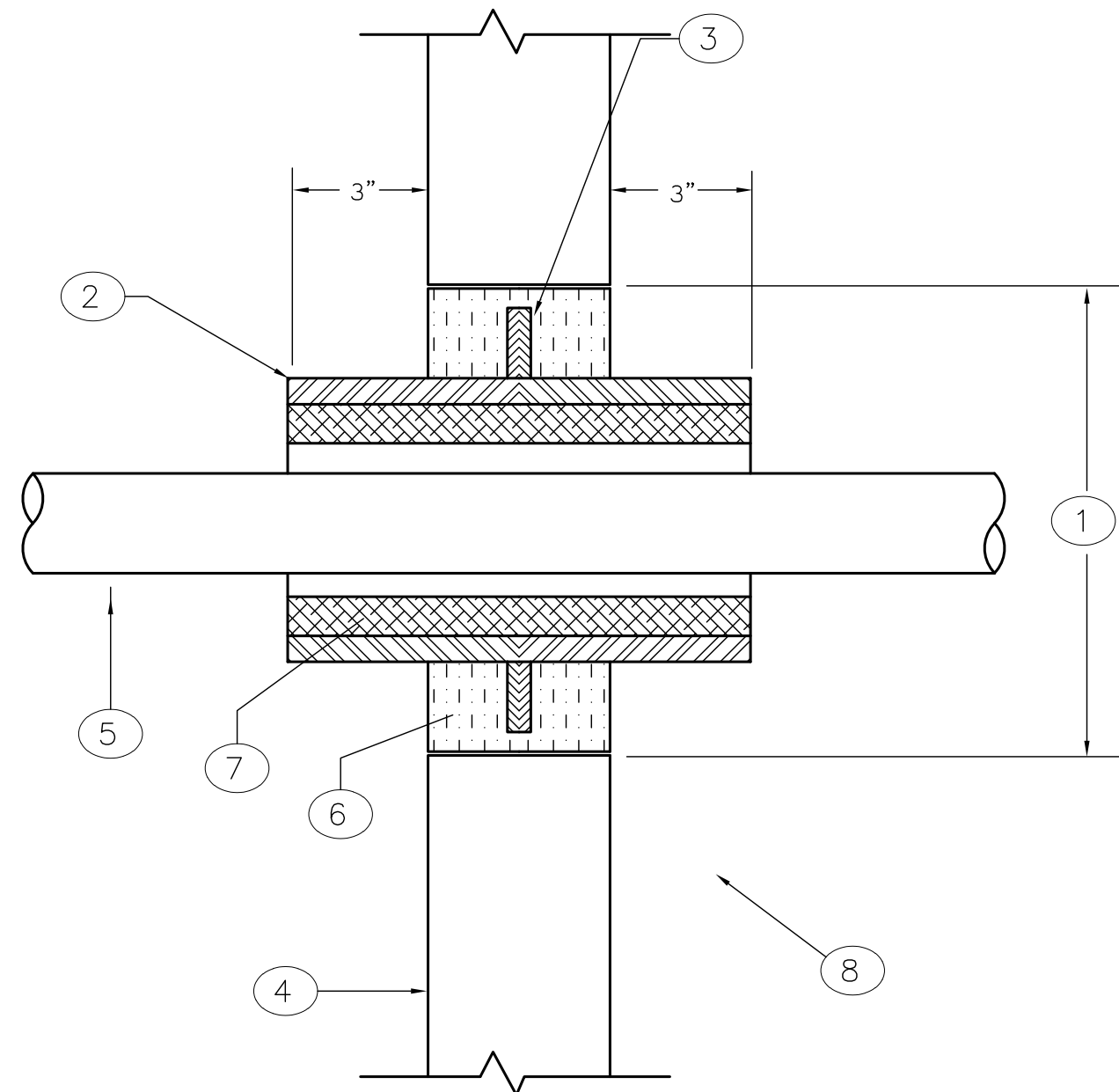
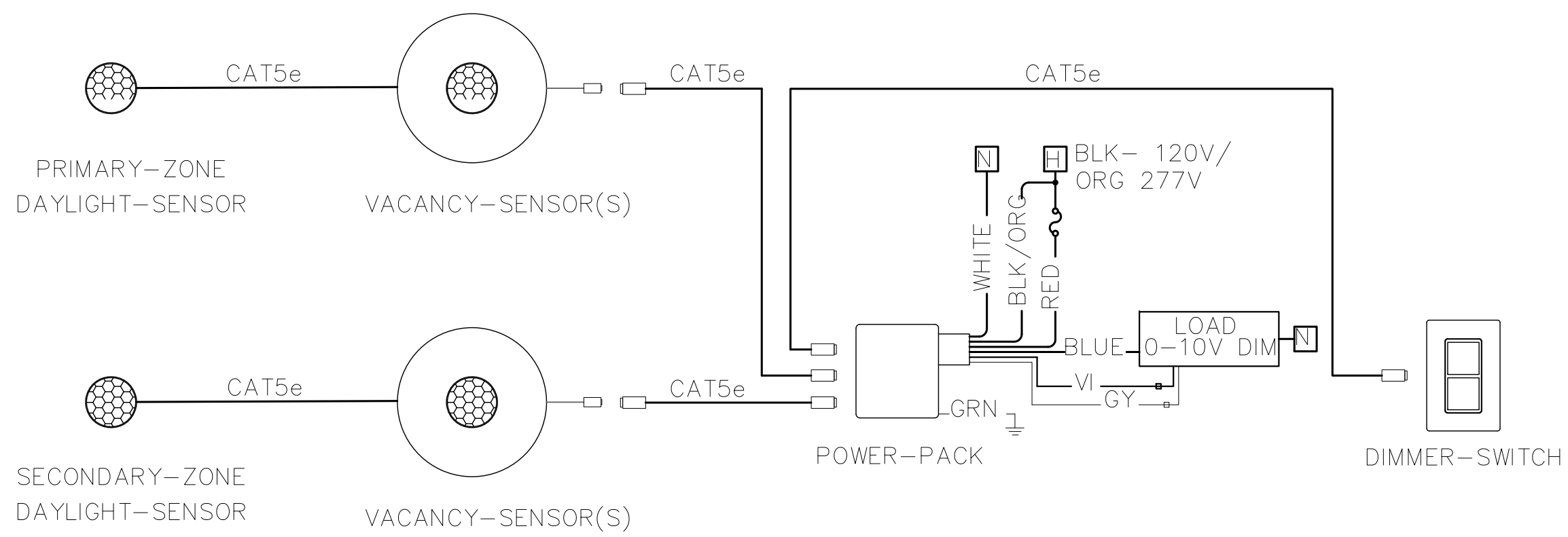


DIAGRAM NOTES:

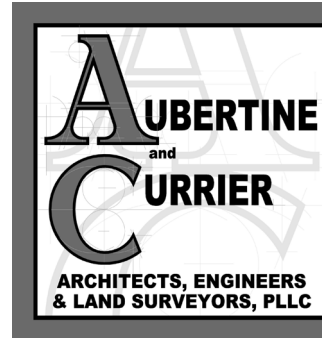
- 1 CORE DRILL OPENING IN WALL.
2 SCHEDULE 80 GALVINIZED STEEL PIPE SLEEVE. SIZE AS REQUIRED.
3 1" WIDE FLASHING WELDED TO SLEEVE.
4 FINISHED WALL.
5 CABLE.
6 CONCRETE ANNULAR INFILL/NON-SHRINK GROUT.
7 FIRE-PROOF SEALANT TO FULL HEIGHT OF THE SLEEVE.
8 ASSEMBLY SHALL BE FULLY TESTED AFTER INSTALLATION.

3 CONDUIT WALL/FLOOR PENETRATION
NTS



2 TYPICAL SINGLE ZONE DIMMING ROOM CONTROLLER WITH
VACANCY SENSORS AND DIGITAL DIMMER
NOT TO SCALE

49 COURT STREET; SUITE 240
BINGHAMTON, NY 13901



GREATER BINGHAMTON AIRPORT

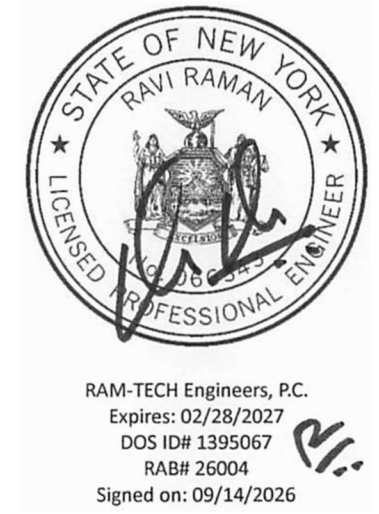
JOHNSON CITY, NEW YORK

JECT:
REHABILITATION OF HANGARS 2 & 3 - PHASE 2

REVISIONS		
NO.	DATE	DESCRIPTION

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STAMP



PROJECT MILESTONE

BID PLANS

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER ANY ITEM AND, IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL BE ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL SIGN AND DATE THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY [NAME]" BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SHORT DESCRIPTION OF THE ALTERATION.

DRAWN	FAR
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DESIGNED _____ TAM

CHECKED	TAM
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SCALE	NTS
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DATE	09/16/2026
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PROJECT	2026-039
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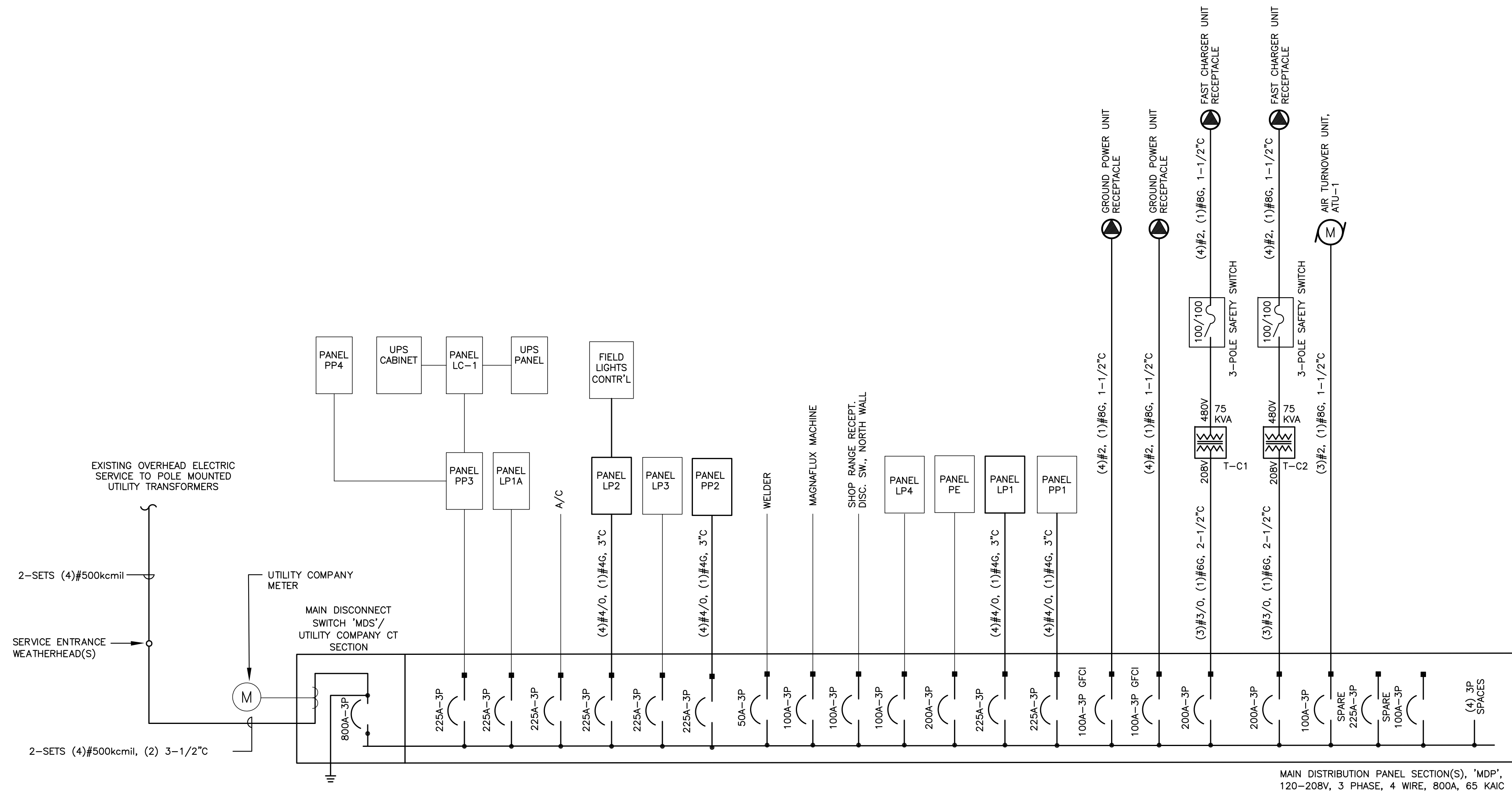
DRAWING TITLE

HANGAR 2 - ONE LINE POWER DIAGRAM

DRAWING NUMBER

E-701

11 OF 12



ONE LINE POWER DIAGRAM

NTS

PANEL SCHEDULE												
PANEL: PP2				VOLTS: 208/120				PHASE: 3		WIRE: 4		
MAIN RATING: 225 AMPS				MCB: AMP				MIN AIC RATING: 10K		AMPS RMS SYM.		
MOUNTING: SURFACE				OTHER: -				LOCATION: MECHANICAL113				
CKT. NO.	LOAD DESCRIPTION			WIRE SIZE	TRIP	PHASE A B C	TRIP	WIRE SIZE	LOAD DESCRIPTION			CKT. NO.
1	BOILER			-	20	+	20	20	BOILER			2
3						+		20	BOILER PUMPS			4
5						+						6
7	LARGE AIR COMPRESSOR			-	30	+		20	REC. GRIND ROOM EAST WALL			8
9						+						10
11						+						12
13	BOILER PUMPS			-	20	+		20	PAINT BOOTH EXHAUST FAN			14
15						+						16
17						+						18
19	30 REC. GRINDING ROOM VACUUM CLEANER			-	20	+		20	GOVERNOR TESTER PROPS			20
21						+						22
23						+						24
25	WELDER			-	90	+		90	NORTHEAST CORNER ABOVE CEILING			26
27						+						28
29						+						30
31	SPARE			-	20	+		30	VMC FADA 1			32
33						+						34
35						+						36
37	SPARE			-	20	+		70	SPARE			38
39						+						40
41	SPARE			-	20	+		20	SPARE			42
43	SPARE			-	20	+		20	SPARE			44
45	SPACE			-	-	+		-	SPACE			46
47	SPACE			-	-	+		-	SPACE			48
49	SPACE			-	-	+		-	SPACE			50
51	SPACE			-	-	+		-	SPACE			52
53	SPACE			-	-	+		-	SPACE			54

NOTES:
1. PROVIDE ALL BREAKER INDICATED.
2. RECONNECT ALL EXISTING BRANCH CIRCUITS TO CORRESPONDING CIRCUIT BREAKER.
3. PROVIDE GROUND WIRE IN ALL NEW CIRCUITS. SIZED PER NEC.
4. REASSIGN BREAKER DESIGNATIONS FOR NEW LOADS WHERE MADE AVAILABLE BY DEMOLITION.

PANEL SCHEDULE												
PANEL: LP1				VOLTS: 208/120				PHASE: 3		WIRE: 4		
MAIN RATING: 225 AMPS				MCB: 225 AMPS				MIN AIC RATING: 10K		AMPS RMS SYM.		
MOUNTING: SURFACE				OTHER: -				LOCATION: HANGAR WEST WALL				
CKT. NO.	LOAD DESCRIPTION			WIRE SIZE	TRIP	PHASE A B C	TRIP	WIRE SIZE	LOAD DESCRIPTION			CKT. NO.
1	ROW 10 LIGHTS SOUTH			-	20	-	20	-	ROW 10 LIGHTS NORTH			2
3	ROW 9 LIGHTS SOUTH			-	20	-	20	-	ROW 9 LIGHTS NORTH			4
5	ROW 8 & 7 LIGHTS SOUTH			-	20	-	20	-	ROW 8 LIGHTS NORTH			6
7	ROW 6 LIGHTS SOUTH			-	20	-	20	-	ROW 7 LIGHTS NORTH			8
9	ROW 4 & 5 LIGHTS SOUTH			-	20	-	20	-	ROW 6 LIGHTS NORTH			10
11	ROW 3 LIGHTS SOUTH			-	20	-	20	-	ROW 5 LIGHTS NORTH			12
13	ROW 2 & 1 LIGHTS SOUTH			-	20	-	20	-	ROW 4 LIGHTS NORTH			14
15	HEAT			-	20	-	20	-	ROW 3 LIGHTS NORTH			16
17	HEAT			-	20	-	20	-	ROW 2 LIGHTS NORTH			18
19	OUTSIDE LIGHTS RELAY OLD SPOTS			-	20	-	20	-	ROW 1 LIGHTS NORTH			20
21	OUTSIDE LIGHTS RELAY OLD SPOTS			-	20	-	20	-	EXIT SIGN HANGAR SOUTHWEST CORNER			22
23	HANGAR HEAT			-	20	-	-	-	GAS HEAT FANS			24
-						-	-	LIGHTS OUTSIDE RAMP			26	
-						-	-				28	
29	RECEPTACLES HANGAR WEST WALL			-	-	-	20	-	OUTSIDE LIGHTS			30
31	CF-1			#12	15	-	-	-	#12	CF-2	32	
-						-	-	34				
-						-	-	36				
-						-	-	38				
37	SPARE			-	20	-	20	-	SPARE			40
39	SPARE			-	20	-	20	-	SPARE			42
41	SPARE			-	20	-	20	-	SPARE			44
43	SPARE			-	20	-	20	-	SPARE			46
45	SPARE			-	20	-	20	-	SPARE			48
47	SPARE			-	20	-	20	-	SPARE			50
49	SPACE			-	-	-	-	-	SPACE			52
51	SPACE			-	-	-	-	-	SPACE			54
53	SPACE			-	-	-	-	-	SPACE			54

NOTES:
1. PROVIDE ALL BREAKER INDICATED.
2. RECONNECT ALL EXISTING BRANCH CIRCUITS TO CORRESPONDING CIRCUIT BREAKER.
3. PROVIDE GROUND WIRE IN ALL NEW CIRCUITS. SIZED PER NEC.
4. REASSIGN BREAKER DESIGNATIONS FOR NEW LOADS WHERE MADE AVAILABLE BY DEMOLITION.

PANEL SCHEDULE												
PANEL: LP2				VOLTS: 208/120				PHASE: 3		WIRE: 4		
MAIN RATING: 225 AMPS				MCB: -				MIN AIC RATING: 10K		AMPS RMS SYM.		
MOUNTING: SURFACE				OTHER: -				LOCATION: MECHANICAL 113				
CKT. NO.	LOAD DESCRIPTION			WIRE SIZE	TRIP	PHASE A B C	TRIP	WIRE SIZE	LOAD DESCRIPTION			CKT. NO.
1	CLEARANCE LIGHTS			-	20	+	20	-	RECEP. LEFT OF PANEL ROOM DOOR			2
3	RECEP. BY SPRAY BOOTH			-	20	+	20	-	EXIT LIGHTS			4
5	LIGHTS (PAINT BOOTH & CHARGE RM.)			-	20	+	20	-	RECEPT. & LIGHTS THIS ROOM S. WALL			6
7	RECEP. S.W. WALL LARGE SHOP			-	20	+	20	-	HOT WATER HEATER			8
9	RECEP. S.E. WALL LARGE SHOP			-	20	+	20	-	CHARGING ROOM RECEPTACLE			10
11	RECEP. E. WALL LARGE SHOP			-	20	+	20	-	DC POWERSUPPLY FOR HOT BATH			12
13	FIRE ALARM			-	20	+	20	-	LIGHTS GRINDING RM. & FURN. RECEP.			14
15	???			-	20	+	20	-	RECEP. GRINDING ROOM SOUTH			16
17	FLOOR RECEPT. ROGER'S OFFICE N.			-	20	+	20	-	RECEP. GRINDING ROOM NORTH			18
19	???			-	20	+	20	-	???			20
21	FLOOR RECEPT. PARTS W & NE			-	20	+	20	-	???			22
23	AIR COMP., AIR DRYER & COOLER			-	20	+	20	-	???			24
25	???			-	20	+	30	-	GRINDING ROOM & SAND BLASTER			26
27	???			-	20	+	20	-	???			28
29	???			-	20	+	20	-	???			30
31	ELECTRIC ROOM LIGHTS			-	20	+	20	-	OVER OUTLET			32
33	???			-	20	+	40	-	???			34
35	???			-	20	+	40	-	???			36
37	RECEPT. NORTHWEST WALL CORNER			-	20	+	20	-	RECEP. TIME CLOCK RM. REFRIG.			38
39	???			-	20	+	20	-	???			40
41	???			-	30	+	30	-	???			42
43	???			-	20	+	20	-	RECEP. TIME CLOCK RM./PILOTS OFFICE			44
45	CEF-1			#12	20	+	20	#12	LIFT			46
47	CEF-2			#12	20	+	20	#12	RECEPTACLES-RESTROOMS, CORRIDOR, MECH.			48
49	HAND DRYER			#12	20	+	20	#12	HAND DRYER			50
51	HAND DRYER			#12	20	+	20	#12	HAND DRYER			52
53	RECEPTACLE-BOOSTER PUMP			#12	20	+	20	-	SPARE			54

NOTES:
1. PROVIDE ALL BREAKER INDICATED.
2. RECONNECT ALL EXISTING ACTIVE BRANCH CIRCUITS TO CORRESPONDING CIRCUIT BREAKER.
3. PROVIDE GROUND WIRE IN ALL NEW CIRCUITS. SIZED PER NEC.
4. REASSIGN BREAKER DESIGNATIONS FOR NEW LOADS WHERE MADE AVAILABLE BY DEMOLITION.
5. CONFIRM IF BREAKERS MARKED WITH ??? ARE ACTIVE. IF SO, RECONNECT TO EXISTING BRANCH CIRCUIT AS REQUIRED. IF NOT, UTILIZE BREAKER AS A SPARE.

LUMINAIRE SCHEDULE									
TYPE	DESCRIPTION	MANUFACTURER	LAMP	VOLTAGE/ DRIVER	LUMENS	WATTAGE	MOUNTING	NOTES	
A	2'x2'x1.5"D SHALLOW TROFFER, 80CRI, CURVED CENTER LENS, GLARE REDUCING MATTE WHITE POWDER COAT REFLECTOR	LITHONIA STACK PRIME STAKP 2X2 4000L 80CRI 40K COLT MIN10 ZT MVOLT OR APPROVED EQUAL	LED, 4000 DEG. K	120/277 VOLT 0-10V DIMMABLE	4310	30.7	ACT CEILING RECESSED		
B	2'x4'x1.5"D SHALLOW TROFFER, 80CRI, CURVED CENTER LENS, GLARE REDUCING MATTE WHITE POWDER COAT REFLECTOR	LITHONIA STACK PRIME STAKP 2X4 4000L 80CRI 40K COLT MIN10 ZT MVOLT OR APPROVED EQUAL	LED, 4000 DEG. K	120/277 VOLT 0-10V DIMMABLE	4321	30.3	ACT CEILING RECESSED		
C	4'x3.5"W LINEAR LED LENSED STRIP LIGHT, STANDARD EFFICIENCY, ROUND DIFFUSE LENS, STANDARD DISTRIBUTION, 80CRI, HANGER CHAINS	LITHONIA LIGHTING CLX L48 4000LM SEF RDL MVOLT GZ10 40K 80CRI WH/H36M12 OR APPROVED EQUAL	LED, 4000 DEG. K	120/277 VOLT 0-10V DIMMABLE	4237	25.5	CEILING SURFACE		
D	10"Wx3.5"Hx4"L COMMERCIAL LENSED WRAP, 80CRI, SQUARE LENS, MATTE WHITE POWDER COAT FINISH, WITH END CAPS	LITHONIA LIGHTING STL4 40L GZ10 LP840 OR APPROVED EQUAL	LED, 4000 DEG. K	120/277 VOLT 0-10V DIMMABLE	3979	34.9	CEILING SURFACE		
E	4'x3.5"W LINEAR LED LENSED STRIP LIGHT, STANDARD EFFICIENCY, ROUND DIFFUSE LENS, STANDARD DISTRIBUTION, 80CRI	LITHONIA LIGHTING CLX L48 3000LM SEF RDL MVOLT GZ10 40K 80CRI WH OR APPROVED EQUAL	LED, 4000 DEG. K	120/277 VOLT 0-10V DIMMABLE	3000	22.0	WALL MOUNTED ABOVE MIRROR		
EXIT	11.61"Wx2.1"Dx7.54"H LED EXIT SIGN, WHITE HOUSING WITH RED LETTERS, THERMOPLASTIC POLYCARBONATE HOUSING, BATTERY BACKUP, SELF-DIAGNOSTICS, NICAD BATTERY.	LITHONIA QUANTUM LQM OR APPROVED EQUAL	--	120-277 VOLT	--	--	SURFACE WALL CEILING MOUNT PER PLANS	PROVIDE SINGLE FACE OR DOUBLE FACE PER PLANS. DIRECTIONAL ARROWS PER PLANS.	

ELECTRICAL EQUIPMENT WIRING SCHEDULE												
EQUIP. ID	DESCRIPTION	LOCATION	HP (WATTS)	VOLTS	PH.	PANEL	CIRCUIT BREAKER	POWER & CONTROL WIRING/CONDUIT	MOTOR CONTROL (BY DIV. 26 UNLESS NOTED)	MOTOR CONTROL FURNISHED BY OTHERS (INSTALLED BY DIV. 26)	LOCATION OF CONTROLLERS	NOTES
ATU-1	AIR TURNOVER UNIT	HANGAR #2	15	208	3	MDP	100A/3P	4#2, 1#8G, 1-1/2"C	--	IDS	--	
CF-1	CEILING FAN	HANGAR #2	2	208	3	LP1	15A/3P	4#12, 1#12G-3/4"C	--	IDS	--	
CF-2	CEILING FAN	HANGAR #2	2	208	3	LP1	15A/3P	4#12, 1#12G-3/4"C	--	IDS	--	
CF-3	CEILING FAN	HANGAR #3	2	208	3	LP1A	15A/3P	4#12, 1#12G-3/4"C	--	IDS	--	1
CEF-1	CEILING EXHAUST FAN	WOMEN'S RESTROOM 1ST	(87)	120	1	LP2	20A/1P	2#12, 1#12G-3/4"C	R	--	--	
CEF-2	CEILING EXHAUST FAN	MEN'S RESTROOM 1ST	(87)	120	1	LP2	20A/1P	2#12, 1#12G-3/4"C	R	--	--	
CEF-3	CEILING EXHAUST FAN	WOMEN'S RESTROOM 2ND	(87)	120	1	LP3	20A/1P	2#12, 1#12G-3/4"C	R	--	--	1
CEF-4	CEILING EXHAUST FAN	MEN'S RESTROOM 2ND	(87)	120	1	LP3	20A/1P	2#12, 1#12G-3/4"C	R	--	--	1
LIFT	ELEVATOR LIFT	HANGAR #2	(XXX)	120	1	LP2	20A/1P	2#12, 1#12G-3/4"C	--	--	--	

ELECTRICAL EQUIPMENT SCHEDULE LEGEND:

FSS = FUSIBLE SAFETY SWITCH, NUMBER INDICATES SWITCH SIZE. FUSES SHALL BE SIZED FOR EQUIPMENT MANUFACTURERS REQUIREMENTS.
AU = LOCATED AT UNIT.
SS = SAFETY SWITCH, NON-FUSED.
PCU = PACKAGED CONTROL UNIT, PROVIDE BY OTHERS.
TS = TOGGLE TYPE SWITCH (SINGLE GANG).
IOL = INTEGRAL OVERLOADS OR THERMALLY PROTECTED MOTOR.
IDS = INTEGRAL DISCONNECT SWITCH.
VFD = VARIABLE FREQUENCY DRIVE.
R = RELAY FOR AUTOMATIC OPERATION BY THE DDC SYSTEM.
SC = MANUAL SPEED CONTROLLER.
PS = PURGE SWITCH.
T = LINE VOLTAGE THERMOSTAT.
REFER TO SPECIFICATION SECTION 26 29 13 FOR MOTOR CONTROLLER TYPES; A, A1, B, B1, AND REMOTE CONTROL STATIONS.

NOTES:

- PROVIDE NEW BREAKERS IN EXISTING PANELBOARD AS REQUIRED TO MATCH MANUFACTURER. LP1A IS SQUARE D OQ LOADCENTER AND LP3 IS AN ITE G4242 LOAD CENTER.
- PROVIDE A DEDICATED DUPLEX RECEPTACLE TO ACCOMMODATE ASSOCIATED LIFT PLUG.

ELECTRICAL SYMBOL LIST

—	SOLID LIGHT LINEWORK INDICATES EXISTING TO REMAIN
----	DASHED LIGHT LINEWORK INDICATES EXISTING TO BE REMOVED
—	SOLID HEAVY LINEWORK INDICATES NEW
	LUMINAIRE. LETTER INDICATES TYPE. REFER TO LUMINAIRE SCHEDULE ON DRAWING E900. LOWER CASE LETTER INDICATES CONTROL ZONE.
	EXIT LUMINAIRE, WALL MOUNTED. REFER TO LUMINAIRE SCHEDULE ON DRAWING E-901. DIRECTIONAL ARROW AS INDICATED ON PLANS.
	EXIT LUMINAIRE CEILING MOUNTED. REFER TO LUMINAIRE SCHEDULE ON DRAWING E-901. DIRECTIONAL ARROW AS INDICATED ON PLANS.
	EMERGENCY LUMINAIRE
	CEILING MOUNTED VACANCY SENSOR (MANUAL ON/AUTO OFF). LOWER CASE LETTER INDICATES CONTROL ZONE.
	WALL MOUNTED VACANCY SENSOR, (MANUAL ON/AUTO OFF)
	CEILING MOUNTED DAYLIGHT PHOTO SENSOR. LOWER CASE LETTER INDICATES CONTROL ZONE.
	WALL MOUNTED VACANCY SENSOR WITH DIMMING, (MANUAL ON/AUTO OFF)
	SINGLE POLE SWITCH
	THREE WAY SWITCH
	DIMMING SWITCH
	PANELBOARD 120/208 VOLT
	DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE, GROUND FAULT CIRCUIT INTERRUPTING

	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	FIRE ALARM HORN/STROBE. 15 CANDELA RATING UNLESS NOTED OTHERWISE
	FIRE ALARM STROBE. 15 CANDELA RATING UNLESS NOTED OTHERWISE
	FIRE CARBON MONOXIDE ALARM HORN/STROBE. 15 CANDELA RATING UNLESS NOTED OTHERWISE
	FIRE ALARM MANUAL PULL STATION
	FIRE ALARM SMOKE DETECTOR, AREA TYPE
	FIRE ALARM SMOKE DETECTOR, ELEVATOR RECALL AREA TYPE
	FIRE ALARM HEAT DETECTOR, RATE OF RISE. 190deg UNLESS NOTED OTHERWISE
	FIRE ALARM SMOKE DETECTOR, DUCT TYPE
	FIRE ALARM BEAM DETECTOR, TRANSMITTER
	FIRE ALARM BEAM DETECTOR, REFLECTOR
	FIRE ALARM CARBON MONOXIDE DETECTOR, CEILING MOUNTED
	FIRE ALARM CARBON MONOXIDE DETECTOR, WALL MOUNTED
	CEILING SPEAKER
	MOTOR/ELECTRICAL EQUIPMENT. LETTERS INDICATE ITEM. REFER TO DRAWING/KEYED NOTES.

ELECTRICAL ABBREVIATIONS

A	AMPERE
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BKR	BREAKER
C	CONDUIT
Cu	COPPER
ETR	EXISTING TO REMAIN
G, GND	GROUND
GFI	GROUND FAULT INTERRUPTER
KAIC	THOUSAND AMPERE INTERRUPTING CURRENT
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUG ONLY
NL	NIGHT LIGHT
P	POLE
TBR	TO BE REMOVED
V	VOLT
WP	WEATHERPROOF
W	WIRE



49 COURT STREET, SUITE 240
BINGHAMTON, NY 13901



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