CHARLES E. SHEA HIGH SCHOOL
FIRE/LIFE SAFETY UPGRADES
BID DOCUMENTS SUBMITTAL

485 EAST AVENUE, PAWTUCKET, RI 02860
DECEMBER 4, 2024

Pawtucket
SCHOOL DEPARTMENT
TOGETHER: EVERY STUDENT, EVERY DAY

PROJECT SCOPE OF WORK SUMMARY

1. THE FIRE PROTECTION SCOPE OF WORK INCLUDES AN EXPANSION TO THE EXISTING SPRINKLER SYSTEM IN THE BUILDING TO EXTEND THROUGHOUT ALL CURRENTLY NON-SPRINKLERED AREAS. THE EXISTING PARTIAL COVERAGE SPRINKLER SYSTEM PROTECTS THE BASEMENT LEVEL, THE BOILER ROOM, THE POOL AREA, THE GYMNASIUMS, THE AUDITORIUM AND THE STAGE. ALL EXISTING FIRE PROTECTION SYSTEM INFRASTRUCTURE IS TO REMAIN. THE EXISTING 6" DEDICATED FIRE PROTECTION SERVICE FROM EAST AVENUE IS TO REMAIN. THE EXISTING SPRINKLER SYSTEM BACKFLOW PREVENTER IS TO REMAIN. THE EXISTING SPRINKLER SYSTEM RISER IS LARGELY TO REMAIN, WITH MODIFICATIONS AS OUTLINED ON THE CONCEPTUAL RISER DIAGRAM INCLUDED IN THIS DRAWING SET. THE EXISTING STANDPIPES AND HOSE VALVES ARE TO REMAIN. THE EXTENT OF NEW SPRINKLER PROTECTION COVERS AN APPROXIMATE AREA OF 67,000 SQUARE FEET. ALL NEW SPRINKLER SYSTEM COVERAGE IS DESIGNED AS WET-PIPE. REFER TO THE FP-SERIES DRAWINGS IN THIS SET FOR DETAILED INSTALLATION PLANS.

2. THE FIRE ALARM SYSTEM SCOPE OF WORK INCLUDES MODIFICATIONS TO THE EXISTING FIRE ALARM SYSTEM TO FACILITATE SUPERVISION OF ALL NEW SPRINKLER SYSTEM CONTROL VALVE SUPERVISORY SWITCHES AND WATERFLOW ALARM SWITCHES. ALL NEW SPRINKLER SYSTEM VALVE SUPERVISORY AND WATERFLOW SWITCHES SHALL BE SUPERVISED BY NEW ADDRESSABLE MONITOR MODULES CONNECTED TO EXISTING SIGNALING LINE CIRCUITS (SLCs). REFER TO THE SCOPE OF WORK NOTES ON DRAWING FP-0.1 AND THE FIRE ALARM NOTES ON DRAWINGS FP-B.1 THROUGH FP-3.1 FOR ADDITIONAL INFORMATION.

3. THE EMERGENCY LIGHTING AND EXIT SIGN SCOPE OF WORK INCLUDES REPAIR AND/OR REPLACEMENT OF SELECT UNITS IN NEED OF SUCH AS OBSERVED DURING THE TIME OF CONSTRUCTION. REFER TO THE SCOPE OF WORK NOTES ON DRAWING FP-0.1 AND THE E-LIGHT & EXIT SIGN NOTES ON DRAWINGS FP-B.1 THROUGH FP-3.1 FOR ADDITIONAL INFORMATION.

4. THE ARCHITECTURAL SCOPE OF WORK INCLUDES UPGRADES TO SEVERAL EXISTING INTERIOR AND EXTERIOR STAIRWELLS SERVING THE BUILDING. EACH OF THE FOUR (4) MAIN INTERIOR EXIT STAIRWELLS WILL BE PROVIDED WITH A NEW 1-HOUR FIRE-RESISTANCE RATED BARRIER AND 60-MINUTE FIRE DOORS TO SEPARATE THEM FROM THE REMAINDER OF THE BUILDING. ADDITIONAL, SEVERAL INTERIOR AND EXTERIOR STAIRS WILL BE RECEIVING HANDRAIL AND GUARDRAIL REPLACEMENTS, IMPROVEMENTS, OR INSTALLATIONS AS APPLICABLE TO MAKE THEM COMPLIANT WITH THE PROVISIONS FOR EXISTING STAIRWELLS IN THE RHODE ISLAND LIFE SAFETY CODE. REFER TO THE A-SERIES DRAWINGS IN THIS SET FOR DETAILED DEMOLITION AND INSTALLATION PLANS.

INDEX OF DRAWINGS

DRAWING NO.	DRAWING DESCRIPTION
C-0.1	COVER PAGE
FP-0.1	FIRE PROTECTION NOTES, SYMBOLS & DETAILS
FP-B.1	BASEMENT (PARTIAL) FIRE PROTECTION PLAN
FP-1.1	FIRST FLOOR FIRE PROTECTION PLAN
FP-2.1	SECOND FLOOR FIRE PROTECTION PLAN
FP-3.1	THIRD FLOOR FIRE PROTECTION PLAN
A0.0	GENERAL NOTES & SYMBOLS
AD1.0	DEMO KEY PLAN
AD1.1	ENLARGED DEMO PLANS
A1.0	PROPOSED KEY PLAN
A1.1	PROPOSED ENLARGED EXTERIOR STAIR PLANS
A1.2	PROPOSED ENLARGED EXTERIOR STAIR PLANS
A1.3	PROPOSED ENLARGED EXTERIOR STAIR PLANS
A1.4	PROPOSED ENLARGED INTERIOR PLANS
A3.1	EXTERIOR STAIR ELEVATIONS
A5.1	DETAIL DRAWINGS
A5.2	DETAIL DRAWINGS
A6.0	SCHEDULES

BID NOTES

1. THE PRESENCE AND EXTENT OF ASBESTOS CONTAINING MATERIALS (ACMs) WITHIN THE BUILDING IS UNKNOWN. THE CONTRACTOR SHALL PROVIDE A UNIT COST FOR ASBESTOS REMEDIATION ASSOCIATED WITH THE INSTALLATION OF A SPRINKLER PIPE HANGER ASSEMBLY. AN ASBESTOS CONTAINING MATERIALS SURVEY WILL BE PERFORMED SEPARATE FROM THIS PROJECT AND THE REPORT WILL BE PROVIDED TO THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

2. THE PROJECT TEAM IS AIMING TO ACHIEVE A TOTAL OF FOUR (4) NE-CHPS POINTS RELATED TO THE FIRE PROTECTION SCOPE OF WORK FOR THIS PROJECT. THE FIRE PROTECTION CONTRACTOR SHALL INDICATE IN THEIR BID IF THEY ARE ABLE TO SATISFY EACH OF THE FOLLOWING PERFORMANCE- AND PROCUREMENT-BASED CRITERIA:
   a. RECYCLE 50% (BY WEIGHT) OF NON-HAZARDOUS CONSTRUCTION AND DEMOLITION WASTE. [2 PTS]
   b. SPECIFY A MINIMUM OF 40% OF BUILDING MATERIALS (BY COST) THAT ARE EXTRACTED, HARVESTED, RECOVERED, OR MANUFACTURED REGIONALLY WITHIN A 500-MILE RADIUS. [2 PTS]

3. THE PROJECT TEAM IS AIMING TO ACHIEVE A TOTAL OF SEVEN (7) NE-CHPS POINTS RELATED TO THE ARCHITECTURAL/STAIRWELL IMPROVEMENT SCOPE OF WORK FOR THIS PROJECT. THE ARCHITECTURAL/STAIRWELL IMPROVEMENT CONTRACTOR SHALL INDICATE IN THEIR BID IF THEY ARE ABLE TO SATISFY EACH OF THE FOLLOWING PERFORMANCE-BASED CRITERIA:
   a. RECYCLE 50% (BY WEIGHT) OF NON-HAZARDOUS CONSTRUCTION AND DEMOLITION WASTE. [2 PTS]
   b. RECYCLE 75% (BY WEIGHT) OF NON-HAZARDOUS CONSTRUCTION AND DEMOLITION WASTE. [1 PT]

4. THE CONTRACTOR SHALL PROVIDE A UNIT COST FOR EACH OF THE FOLLOWING:
   a. ONE-FOR-ONE REPLACEMENT OF AN EXISTING EXIT SIGN FIXTURE
   b. ONE-FOR-ONE REPLACEMENT OF AN EXISTING INTERIOR EMERGENCY LIGHT FIXTURE
   c. ONE-FOR-ONE REPLACEMENT OF AN EXISTING EXTERIOR REMOTE EMERGENCY LIGHT FIXTURE
   d. ONE-FOR-ONE REPLACEMENT OF AN EXISTING COMBINATION EMERGENCY LIGHT / EXIT SIGN FIXTURE
   e. ONE-FOR-ONE REPLACEMENT OF AN EXISTING EMERGENCY LIGHT OR EXIT SIGN INTERNAL BACKUP BATTERY

JENSEN HUGHES
117 Metro Center Blvd
Suite 1002
Warwick, RI 02886-1776
O: 401-736-8992
www.jensenhughes.com

NO.	REVISION	DATE

KEY PLAN

SEAL

PROJECT
CHARLES E. SHEA HIGH SCHOOL FIRE/LIFE SAFETY UPGRADES

ADDRESS
485 EAST AVENUE, PAWTUCKET RI 02860

PROJECT NO
1EBJ00023.000

DATE
DECEMBER 4, 2024

DESIGN	DRAWN BY	CHECKED BY
MJP	MJP	EBJ

SCALE
AS NOTED

TITLE
COVER PAGE

NUMBER
C-0.1

GENERAL NOTES

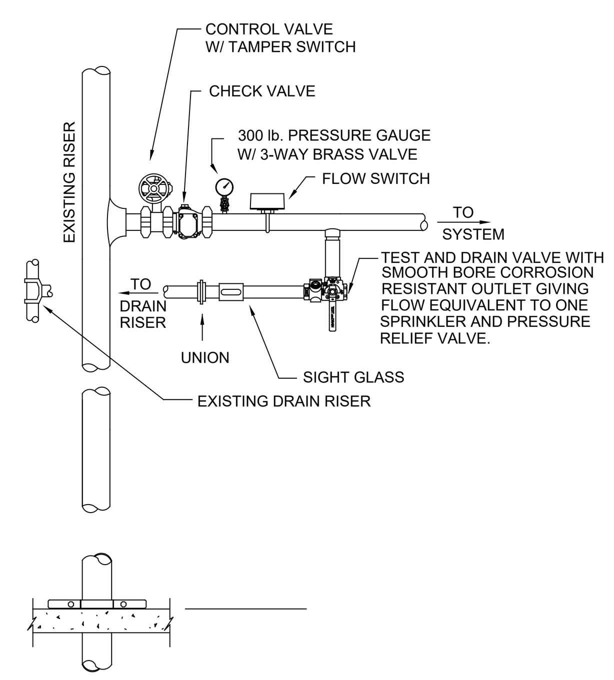
1. THE FP-SERIES DRAWING SET IS PROVIDED TO DEMONSTRATE THE CONFIGURATION OF MAJOR SYSTEM COMPONENTS INCLUDING SPRINKLER AND PIPING LOCATIONS. THE SPRINKLER CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL SPRINKLERS AND SYSTEM PIPING. FINAL CONFIGURATION TO BE DETERMINED BY THE CONTRACTOR.
2. SPRINKLERS SHALL BE INSTALLED WITHIN 2-INCHES OF THE CENTER OR QUARTER POINT OF ACOUSTIC CEILING TILES.
3. ALL SPRINKLERS TO BE INSTALLED IN ACOUSTIC CEILING TILES SHALL UTILIZE AN ARM OVER CONFIGURATION. REFER TO THE DETAIL ON THIS SHEET.
4. ACCURACY OF WALL LOCATIONS AND DIMENSIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR WITH REGARDS TO PIPE ROUTING AND PROXIMITY TO OBSTRUCTIONS.
5. THE CONTRACTOR SHALL PREPARE AND SUBMIT FOR APPROVAL SHOP DRAWINGS. THE REQUIREMENTS FOR THE SUBMITTAL PACKAGE AND SHOP DRAWINGS ARE PROVIDED IN THE DESIGN SPECIFICATION. CHANGES IN THE LOCATIONS OF SPRINKLERS FROM THOSE SHOWN ON THE APPROVED SHOP DRAWINGS SHALL BE IDENTIFIED IN WRITING TO JENSEN HUGHES PRIOR TO INSTALLATION. ALL CHANGES SHALL BE APPROVED IN WRITING PRIOR TO INSTALLATION OR ANY RELOCATIONS OR ADDITIONAL SPRINKLERS REQUIRED FOR COMPLIANCE AS A RESULT OF THE CHANGES SHALL BE FURNISHED AND INSTALLED AT THE EXPENSE OF THE CONTRACTOR.
6. THE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ANY NEW SITE SPECIFIC MODIFICATIONS THAT MAY BE MADE TO THE BUILDING DURING CONSTRUCTION SUCH AS NEW LIGHTS, PARTITIONS, ETC.
7. ALL SPRINKLER PIPING SHALL BE SECURED USING U.L./F.M. PIPE HANGERS, ANCHORS AND OTHER APPROVED MEANS TO PROPERLY SECURE THE PIPE.
8. ALL PIPING 1-INCH THROUGH 2-INCH SHALL BE UL/FM ASTM A53, A135, OR A795 SCHEDULE 40 WITH THREADED OR GROOVED ENDS.
9. ALL PIPING 2½-INCH AND LARGER SHALL BE UL/FM ASTM A53, A135, OR A795 SCHEDULE 10 WITH ROLLED-GROOVED ENDS.
10. THE CONTRACTOR SHALL GUARANTEE IN WRITING ALL WORK AND EQUIPMENT ASSOCIATED WITH THIS PROJECT FOR ONE (1) YEAR AFTER INSTALLATION. REFER TO THE SPECIFICATION FOR ADDITIONAL WARRANTY REQUIREMENTS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE SPRINKLER SYSTEM INSTALLATION WITH THE ASBESTOS REMEDIATION CONTRACTOR TO ENSURE THAT ALL ACMs ARE PROPERLY CONTAINED, ABATED, AND DISPOSED OF DURING CONSTRUCTION.
12. WET CORE DRILLING SHALL BE USED WITH PROPER PROTECTION IN PLACE TO PREVENT DAMAGE TO THE BUILDING.
13. PENETRATIONS SHALL BE MADE IN A NEAT AND PROFESSIONAL MANNER.
14. ALL FLOORS SHALL BE PROTECTED FROM BEING DAMAGED DURING CONSTRUCTION IN THE BUILDING.

SCOPE OF WORK NOTES

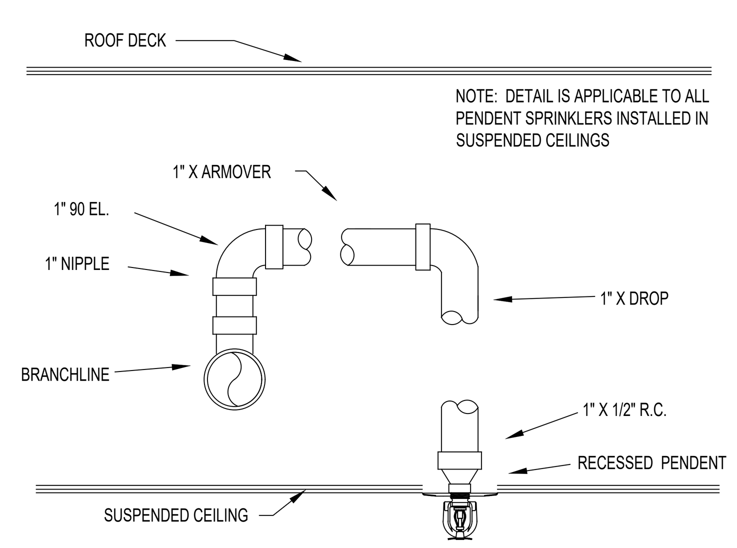
1. THE SCOPE OF WORK INCLUDES THE INSTALLATION OF AUTOMATIC WET-PIPE SPRINKLER SYSTEM INFRASTRUCTURE AS INDICATED ON THE DRAWINGS AND IN THE TECHNICAL SPECIFICATIONS.
2. THE SCOPE OF WORK INCLUDES REUSING THE EXISTING DEDICATED 6-INCH UNDERGROUND FIRE SERVICE, BACKFLOW PREVENTER, RISER ASSEMBLY, STANDPIPES, HOSE VALVES AND ALL OTHER EXISTING SPRINKLER SYSTEM INFRASTRUCTURE.
3. THE SCOPE OF WORK INCLUDES MAINTAINING THE EXISTING PARTIAL COVERAGE SPRINKLER SYSTEM WHICH PROTECTS THE BASEMENT LEVEL, THE BOILER ROOM, GYMNASIUMS, AUDITORIUM, STAGE, AND POOL.
4. THE WORK INCLUDES ALL SPRINKLERS, SPRINKLERS CAGES/GUARDS, LISTED SCHEDULE 10 & 40 PIPING, HANGERS, VALVES, PRESSURE GAUGES, WATERFLOW DEVICES, TEST/DRAIN ASSEMBLIES, FLUSHING CONNECTIONS, AIR VENTS AND OTHER ASSOCIATED COMPONENTS THROUGHOUT THE BUILDING.
5. THE WORK INCLUDES ADDITIONAL MATERIALS, FITTINGS ETC., WHICH ARE NOT SHOWN ON THE DRAWINGS TO PROVIDE A COMPLETE OPERATIONAL SYSTEM. THE ADDITIONAL MATERIALS AND FITTINGS SHALL BE SHOWN ON THE SHOP DRAWINGS. FRICTION LOSSES ASSOCIATED WITH THE ADDITIONAL PIPING AND FITTINGS SHOWN ON THE SHOP DRAWINGS SHALL BE INCORPORATED INTO THE HYDRAULIC CALCULATIONS. THE SPECIFIED 10 PSI PRESSURE CUSHION SHALL BE PROVIDED IN THE CALCULATIONS.
6. THE WORK INCLUDES DRAINS, SUPPORTS, AND PERMITS. THE WORK SHALL COMPLY WITH NFPA AND RIFC REQUIREMENTS.
7. THE WORK INCLUDES COORDINATION OF ALL OBSTRUCTIONS TO NEW SPRINKLER PIPING. OBSTRUCTIONS INCLUDE BUT ARE NOT LIMITED TO EMERGENCY LIGHTING, BATTERY BOXES, TELECOM EQUIPMENT, EXISTING RACEWAYS, SURFACE MOUNTED AND SUSPENDED LIGHTING FIXTURES, ETC. COORDINATE WITH THE ENGINEER/OWNER. IN AREAS WITH SUSPENDED LIGHTING FIXTURES, SPRINKLERS SHALL BE POSITIONED AWAY FROM THE LIGHTS A MINIMUM DISTANCE OF THREE TIMES THE MAXIMUM DIMENSION OF THE LIGHT.
8. THE WORK INCLUDES INSTALLATION OF INSPECTOR'S TEST CONNECTIONS, TEST & DRAIN VALVES, LOW-POINT DRAINS, AND ALL ASSOCIATED PIPING. ALL TEST AND DRAIN LINES SHALL BE PIPED DIRECTLY TO THE OUTSIDE TO AN APPROVED LOCATION BY JENSEN HUGHES AND COORDINATED WITH THE OWNER. WHERE PIPING TO THE OUTSIDE IS NOT PRACTICAL, COORDINATE DRAIN DISCHARGE LOCATION WITH JENSEN HUGHES AND THE OWNER.
9. THE WORK INCLUDES THE INSTALLATION OF AIR VENTS ON EACH SPRINKLER SYSTEM ZONE IN ACCORDANCE WITH NFPA 13.
10. THE WORK INCLUDES ALL CUTTING, DRILLING, CORE DRILLING, ETC. TO INSTALL FIRE SPRINKLER PIPING THROUGH FLOORS, WALLS AND CEILINGS. ANY WALLS AND CEILINGS REQUIRED TO BE OPENED TO FACILITATE INSTALLATION OF THE SPRINKLER SYSTEM SHALL BE PATCHED AND PAINTED TO MATCH SURROUNDING CONDITIONS. ALL SURFACES SHALL BE RESTORED TO THEIR PRE-EXISTING CONDITION OR BETTER.
11. THE WORK INCLUDES FIRESTOPPING OF ALL PENETRATIONS THAT WERE MADE FOR INSTALLATION OF SPRINKLER PIPING THROUGH FIRE-RATED WALLS. THE FIRESTOPPING SHALL BE CONDUCTED BY A MANUFACTURER'S TRAINED PERSONNEL ACCEPTABLE TO THE OWNER. THE WORK INCLUDES PROVIDING A SMOKE-TIGHT SEAL FOR ALL PENETRATIONS MADE THROUGH SMOKE BARRIERS AND SMOKE PARTITIONS. ALL OTHER EXPOSED PENETRATIONS SHALL BE PATCHED AND PAINTED TO MATCH SURROUNDING EXISTING CONDITIONS OR PROVIDED WITH A TRIM RING.
12. THE WORK INCLUDES ALL FEES AND ACTIVITIES REQUIRED TO SECURE APPROVALS FOR NECESSARY STATE AND LOCAL PERMITS.
13. THE WORK INCLUDES SUBMITTING DETAILED WORKING PLANS, HYDRAULIC CALCULATIONS AND PRODUCT DATA TO THE ENGINEER FOR REVIEW. CONTRACTOR SHALL NOT FABRICATE PIPING, ASSEMBLE COMPONENTS OR BEGIN INSTALLATION UNTIL JENSEN HUGHES HAS APPROVED THE SUBMITTAL DOCUMENTS.
14. THE WORK INCLUDES DEVELOPING AS-BUILT SPRINKLER PLANS. THE PLANS SHALL SHOW A MINIMUM OF PIPE ROUTING; PIPE DIAMETER; SPRINKLER LOCATION; SPRINKLER ORIENTATION; AND SPRINKLER MAKE, MODEL, K-FACTOR, TEMPERATURE RATING AND RESPONSE TYPE.
15. THE WORK INCLUDES PERFORMING FIELD QUALITY CONTROL AND COMMISSIONING ACTIVITIES.
16. THE WORK INCLUDES DOCUMENTING AND SUBMITTING THE RESULTS OF INTEGRITY AND FUNCTIONAL TESTING.
17. THE WORK INCLUDES SUBMITTING AS-BUILT PLANS AND CLOSEOUT DOCUMENTATION TO JENSEN HUGHES FOR REVIEW PRIOR TO SCHEDULING OWNER DEMONSTRATION TRAINING.
18. THE WORK INCLUDES TRAINING OWNER'S PERSONNEL ON THE OPERATION OF THE SYSTEM, REQUIRED MAINTENANCE TASKS AND FREQUENCIES, AND THE LOCATIONS OF ALL SPARE TOOLS AND EQUIPMENT, VALVES, ALARM AND SUPERVISORY SWITCHES, RISERS AND EQUIPMENT NECESSARY TO MAINTAIN AND OPERATE THE SPRINKLER SYSTEM.
19. THE WORK INCLUDES SIGNS AT EACH CONTROL AND TEST VALVE.
20. THE CONTRACTOR SHALL PROVIDE A RIGID PLASTIC SIGN INDICATING THE LOCATION OF ALL VALVES. INCLUDING LOW POINT DRAINS, AND THE AREA PROTECTED BY EACH CONTROL VALVE SHALL BE IDENTIFIED. THE SIGN SHALL BE LOCATED AT THE MAIN RISER.
21. THE WORK INCLUDES PROVIDING A CABINET WITH SPARE SPRINKLERS AND A LIST OF SPARE SPRINKLERS PER NFPA 13-2016 SECTION 6.2.9.
22. THE WORK INCLUDES MODIFYING THE EXISTING FIRE DEPARTMENT CONNECTION CONFIGURATION TO FACILITATE A BACKFLOW PREVENTION ASSEMBLY FLUSHING CONNECTION. THE FLUSHING CONNECTION WILL REQUIRE RE-WORK OF THE EXISTING 4" LINE AND CHECK VALVE SERVING THE FDC. A NORMALLY CLOSED VALVE AND 4" PIPE LOOP AROUND THE FDC CHECK VALVE WILL BE UTILIZED TO ENABLE BACKFLOW FLUSHING OUT OF THE EXISTING FDC. SEE RISER DIAGRAM FOR ADDITIONAL DETAILS.
23. LISTED CONCRETE ANCHORS SHALL BE INSTALLED IN CONCRETE PLANKING IN ACCORDANCE WITH THE CONCRETE PLANK MANUFACTURERS AND LISTED ANCHORS INSTRUCTIONS.
24. ALL SPRINKLERS SHALL BE OF ORDINARY TEMPERATURE RATING, UNLESS OTHERWISE NOTED OR REQUIRED IN ACCORDANCE WITH NFPA 13 BASED ON FIELD INSTALLED PROXIMITY TO HEATING UNITS/REGISTERS OR FIELD MEASURED AMBIENT CEILING TEMPERATURES.
25. THE WORK INCLUDES RETAINING A FIRE ALARM CONTRACTOR TO FURNISH, INSTALL, PROGRAM, AND TEST NEW ADDRESSABLE MONITOR MODULES TO SUPERVISE ALL NEW SPRINKLER SYSTEM WATERFLOW AND VALVE SUPERVISORY SWITCHES. EACH NEW SPRINKLER WATERFLOW AND VALVE SUPERVISORY SWITCH SHALL BE SUPERVISED VIA A NEW DEDICATED ADDRESSABLE MONITOR MODULE. NEW MONITOR MODULES SHALL BE COMPATIBLE WITH THE EXISTING NOTIFIER FIRE ALARM CONTROL UNIT AND COMMUNICATION PROTOCOL, AND SHALL BE CONNECTED TO THE NEAREST EXISTING SIGNALING LINE CIRCUIT. ALL NEW WIRING REQUIRED SHALL MATCH THE SPECIFICATIONS OF THE EXISTING WIRING PRESENT. ALL EXISTING SIGNALING LINE CIRCUITS SHALL BE MAINTAINED CLASS A. IF A JUNCTION POINT IS REQUIRED TO FACILITATE THE INSTALLATION OF THE NEW FIRE ALARM DEVICES, A LOCKABLE TERMINAL CABINET SHALL BE PROVIDED. NEW MODULES SUPERVISING CONTROL VALVES SHALL BE PROGRAMMED TO INITIATE A SUPERVISORY CONDITION WHEN ACTIVATED. NEW MODULES SUPERVISING WATERFLOW SWITCHES SHALL BE PROGRAMMED TO INITIATE AN ALARM CONDITION WHEN ACTIVATED, AND SHALL BE CONFIGURED TO INITIATE OUTPUT FUNCTIONS CONSISTENT WITH OTHER ALARM-INITIATING DEVICES ON THE EXISTING SYSTEM. RADIO BOX ZONE TRANSMISSION ASSOCIATED WITH THE NEW DEVICES SHALL MATCH THE CONFIGURATION ASSOCIATED WITH EXISTING VALVE SUPERVISORY AND WATERFLOW SWITCHES.
26. THE WORK INCLUDES REPAIRING OR REPLACING ANY DAMAGED OR DEFECTIVE EMERGENCY LIGHTING AND EXIT SIGN FIXTURES. AT THE TIME OF CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THE CONDITION OF ALL EXISTING EMERGENCY LIGHT AND EXIT SIGN FIXTURES TO DETERMINE THE EXTENT OF REPAIRS OR REPLACEMENTS NECESSARY. REFER TO THE E-LIGHT AND EXIT SIGN BID NOTE ON THE COVER DRAWING FOR ADDITIONAL INFORMATION ON UNIT COSTS TO SUBMIT AS PART OF THE BID RELATED TO THIS SCOPE OF WORK.

DESIGN CRITERIA

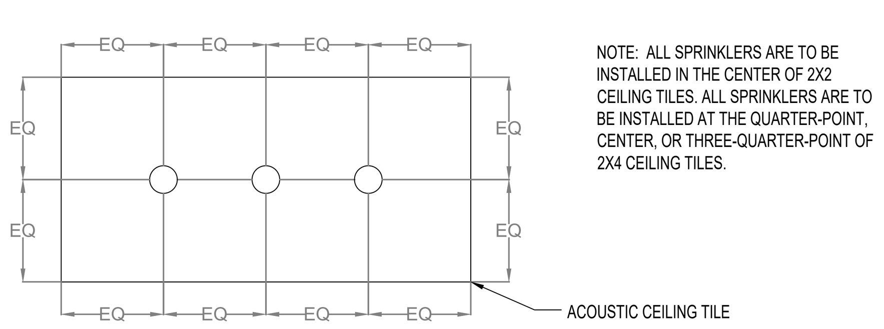
1. DESIGN AND INSTALL THE SPRINKLER SYSTEM TO MEET THE REQUIREMENTS OF:
   - A. RIFSC - RHODE ISLAND FIRE SAFETY CODE WHICH INCLUDES:
     - RIFC - RHODE ISLAND FIRE CODE (AMENDED 2018 NFPA 1)
     - RILSC - RHODE ISLAND LIFE SAFETY CODE (AMENDED 2018 NFPA 101)
   - B. 2016 NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
   - C. 2013 NFPA 241 STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS
2. THE SPRINKLER SYSTEM SHALL BE HYDRAULICALLY CALCULATED BY THE CONTRACTOR USING THE DENSITY/AREA DESIGN METHOD DESCRIBED IN NFPA 13-2016, AND THE MANUFACTURERS TECHNICAL DATA SHEETS FOR EXTENDED COVERAGE AND SPECIFIC APPLICATION SPRINKLERS.
3. THE SPRINKLER SYSTEM SHALL BE HYDRAULICALLY CALCULATED AND SIZED IN ACCORDANCE WITH THE FOLLOWING CRITERIA:
   - A. ALL LIGHT HAZARD OCCUPANCY AREAS SHALL MEET THE REQUIREMENTS OF NFPA 13-2016 AS FOLLOWS:
     - i. AREA OF DEMAND: 1500 S.F. (AREA REDUCTION FOR Q.R. SPRINKLERS PER NFPA 13-2016, SEC. 11.2.3.2.3.1 IS ALLOWED),
     - ii. DENSITY: 0.10 GPM/S.F.
     - iii. HOSE STREAM: 100 GPM
     - iv. SAFETY MARGIN: 10 PSI SAFETY FACTOR
   - B. ALL ORDINARY HAZARD GROUP 1 OCCUPANCY AREAS SHALL MEET THE REQUIREMENTS OF NFPA 13-2016 AS FOLLOWS: (AREA REDUCTION FOR Q.R. SPRINKLERS PER NFPA 13-2016 SEC. 11.2.3.2.3.1 IS ALLOWED),
     - i. AREA OF DEMAND: 1500 S.F.
     - ii. DENSITY: 0.15 GPM/S.F.
     - iii. HOSE STREAM: 250 GPM
     - iv. SAFETY MARGIN: 10 PSI SAFETY FACTOR
   - C. AREA OF OPERATION INCREASES SHALL BE INCLUDED FOR SLOPED CEILINGS, ETC.
5. ALL STANDARD SPRAY SPRINKLERS IN LIGHT HAZARD AREAS SHALL HAVE A MAXIMUM COVERAGE AREA OF 225 S.F.
6. ALL STANDARD SPRAY SPRINKLERS IN ORDINARY HAZARD GROUP 1 AREAS SHALL HAVE A MAXIMUM COVERAGE AREA OF 130 S.F.



TYPICAL FLOOR CONTROL ASSEMBLY DETAIL



TYPICAL SPRINKLER RETURN BEND DETAIL



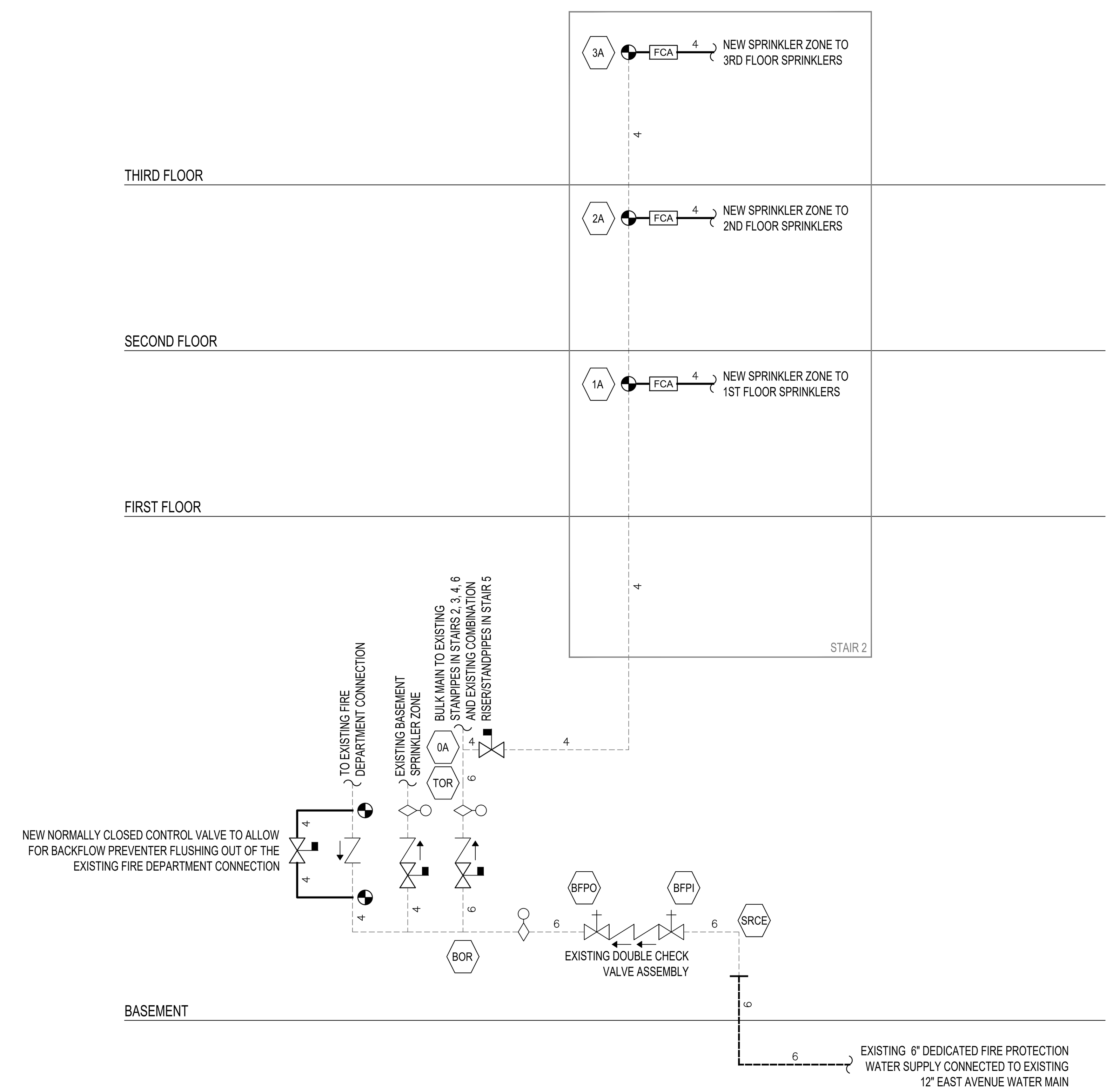
TYPICAL ACOUSTIC CEILING TILE SPRINKLER DETAIL

FIRE PROTECTION LEGEND	
NEW ABOVEGROUND SPRINKLER PIPE	DOUBLE CHECK VALVE BACKFLOW PREVENTER
EXISTING ABOVEGROUND SPRINKLER PIPE	PIPE ELBOW FITTING
EXISTING UNDERGROUND PIPING	PIPE TEE FITTING
EXISTING FIRE DEPARTMENT CONNECTION	PIPE CONTINUATION
FLUSHING CONNECTION	HYDRAULIC REFERENCE NODE
SPRINKLER/STANDPIPE RISER	HYDRAULIC DESIGN AREA
PIPE RISE	WATERFLOW SWITCH
OS&Y SUPERVISED GATE VALVE	CHECK VALVE
CONNECT TO EXISTING	BUTTERFLY CONTROL VALVE
	FCA FLOOR CONTROL ASSEMBLY

FLOW TEST RESULTS	
TEST DATE:	OCTOBER 9, 2024
PERFORMED BY:	JENSEN HUGHES & PWSB
TEST GAUGE LOCATION:	EXISTING SPRINKLER RISER
STATIC PRESSURE:	71 PSI
RESIDUAL PRESSURE:	66 PSI
FLOW LOCATION:	HYDRANT D05-024
PITOT PRESSURE:	37.4 PSI
FLOW:	1343 GPM

SPRINKLER LEGEND

SYMBOL	TYPE	RESPONSE	NPT	K-FACTOR
●	RECESSED PENDENT	QUICK	1/2"	5.6
○	UPRIGHT	QUICK	1/2"	5.6
✕	SPRINKLER GUARD	--	--	--
●D	DRY PENDENT	QUICK	1"	5.6
◎	UPRIGHT ON SPRIG	QUICK	1/2"	5.6



CONCEPTUAL SPRINKLER RISER DIAGRAM

JENSEN HUGHES

117 Metro Center Blvd
Suite 1002
Warwick, RI 02886-1776
O: 401-736-8992
www.jensenhughes.com

NO.	REVISION	DATE

KEY PLAN

SEAL

ERIK BRIAN JACKVONY
No. 14021
REGISTERED
PROFESSIONAL ENGINEER
FIRE PROTECTION
12-04-24

PROJECT	CHARLES E. SHEA HIGH SCHOOL FIRE/LIFE SAFETY UPGRADES
ADDRESS	485 EAST AVENUE, PAWTUCKET RI 02860
PROJECT NO	1EBJ00023.000
DATE	DECEMBER 4, 2024
DESIGN / DRAWN BY / CHECKED BY	MJP / MJP / EBJ
SCALE	AS NOTED
TITLE	FIRE PROTECTION NOTES, SYMBOLS, & DETAILS
NUMBER	FP-0.1
SHEET	2 of 18

FIRE ALARM NOTES

1. THE SCOPE OF WORK INCLUDES RETAINING A FIRE ALARM CONTRACTOR TO FURNISH, INSTALL, PROGRAM, AND TEST A NEW ADDRESSABLE MONITOR MODULE TO SUPERVISE THE NEW NORMALLY CLOSED CONTROL VALVE ASSOCIATED WITH THE BACKFLOW PREVENTER FLUSHING CONNECTION AROUND THE FDC CHECK VALVE. REFER TO THE BASIS OF DESIGN NARRATIVE FOR ADDITIONAL DETAILS AND SPECIFICATIONS RELATED TO THE FIRE ALARM SYSTEM MODIFICATIONS.
2. THE FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING INSTALLATION AND TESTING OF THE VALVE SUPERVISORY SWITCH WITH THE FIRE ALARM CONTRACTOR.

E-LIGHT & EXIT SIGN NOTES

1. THE SCOPE OF WORK INCLUDES REPAIRING OR REPLACING ANY DAMAGED OR DEFECTIVE EMERGENCY LIGHTING AND EXIT SIGN FIXTURES. AT THE TIME OF CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THE CONDITION OF ALL EXISTING EMERGENCY LIGHT AND EXIT SIGN FIXTURES TO DETERMINE THE EXTENT OF REPAIRS OR REPLACEMENTS NECESSARY.

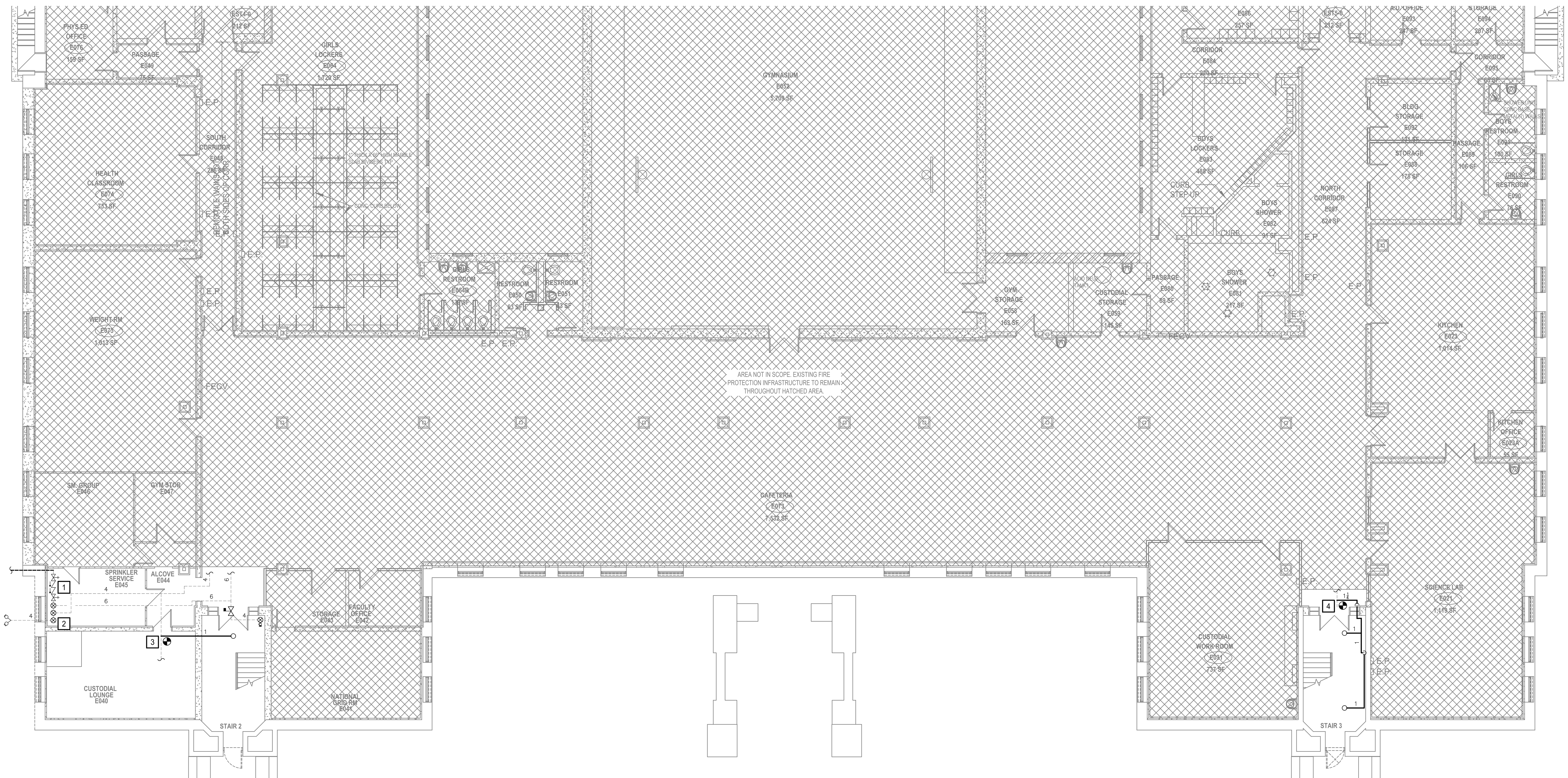
SHEET KEYNOTES

$\boxed{1}$ EXISTING FIRE SERVICE, BACKFLOW PREVENTION ASSEMBLY, AND SPRINKLER RISER TO REMAIN. REFER TO THE RISER DIAGRAM ON SHEET FP-0.1 FOR ADDITIONAL DETAIL AND HYDRAULIC NODE REFERENCES.

$\boxed{2}$ EXISTING FIRE DEPARTMENT CONNECTION LINE TO BE MODIFIED TO ACCOMMODATE BACKFLOW PREVENTER FLUSHING THROUGH THE EXISTING FIRE DEPARTMENT CONNECTION. A NORMALLY CLOSED CONTROL VALVE SHALL BE PROVIDED WHICH BYPASSES THE EXISTING FIRE DEPARTMENT CONNECTION CHECK VALVE.

$\boxed{3}$ CONNECT TO EXISTING BRANCHLINE FOR NEW SPRINKLER TO PROTECT THE STAIR 2 BASEMENT LANDING.

$\boxed{4}$ CONNECT TO EXISTING BRANCHLINE FOR NEW SPRINKLERS TO PROTECT THE STAIR 3 BASEMENT LANDING AND THE ENCLOSED SPACE UNDERNEATH THE INTERMEDIATE LANDING.



BASEMENT (PARTIAL) - FIRE PROTECTION PLAN

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

JENSEN HUGHES
117 Metro Center Blvd
Suite 1002
Warwick, RI 02886-1776
O: 401-736-8992
www.jensenhughes.com

NO.	REVISION	DATE

KEY PLAN

SEAL

ERIK BRIAN JACKVONY
No. 14021
REGISTERED PROFESSIONAL ENGINEER
FIRE PROTECTION
12-04-24

PROJECT
CHARLES E. SHEA HIGH SCHOOL FIRE/LIFE SAFETY UPGRADES

ADDRESS
485 EAST AVENUE, PAWTUCKET RI 02860

PROJECT NO
1EBJ00023.000

DATE
DECEMBER 4, 2024

DESIGN	DRAWN BY	CHECKED BY
MJP	MJP	EBJ

SCALE
AS NOTED

TITLE
BASEMENT (PARTIAL) FIRE PROTECTION PLAN

NUMBER
FP-B.1

FIRE ALARM NOTES

1. THE SCOPE OF WORK INCLUDES RETAINING A FIRE ALARM CONTRACTOR TO FURNISH, INSTALL, PROGRAM, AND TEST NEW ADDRESSABLE MONITOR MODULES TO SUPERVISE THE NEW WATERFLOW AND VALVE SUPERVISORY SWITCHES ASSOCIATED WITH THE NEW FIRST FLOOR ZONE CONTROL ASSEMBLY. REFER TO THE BASIS OF DESIGN NARRATIVE FOR ADDITIONAL DETAILS AND SPECIFICATIONS RELATED TO THE FIRE ALARM SYSTEM MODIFICATIONS.
2. THE FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING INSTALLATION AND TESTING OF THE WATERFLOW AND VALVE SUPERVISORY SWITCHES WITH THE FIRE ALARM CONTRACTOR.

E-LIGHT & EXIT SIGN NOTES

1. THE SCOPE OF WORK INCLUDES REPAIRING OR REPLACING ANY DAMAGED OR DEFECTIVE EMERGENCY LIGHTING AND EXIT SIGN FIXTURES. AT THE TIME OF CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THE CONDITION OF ALL EXISTING EMERGENCY LIGHT AND EXIT SIGN FIXTURES TO DETERMINE THE EXTENT OF REPAIRS OR REPLACEMENTS NECESSARY.

SHEET KEYNOTES

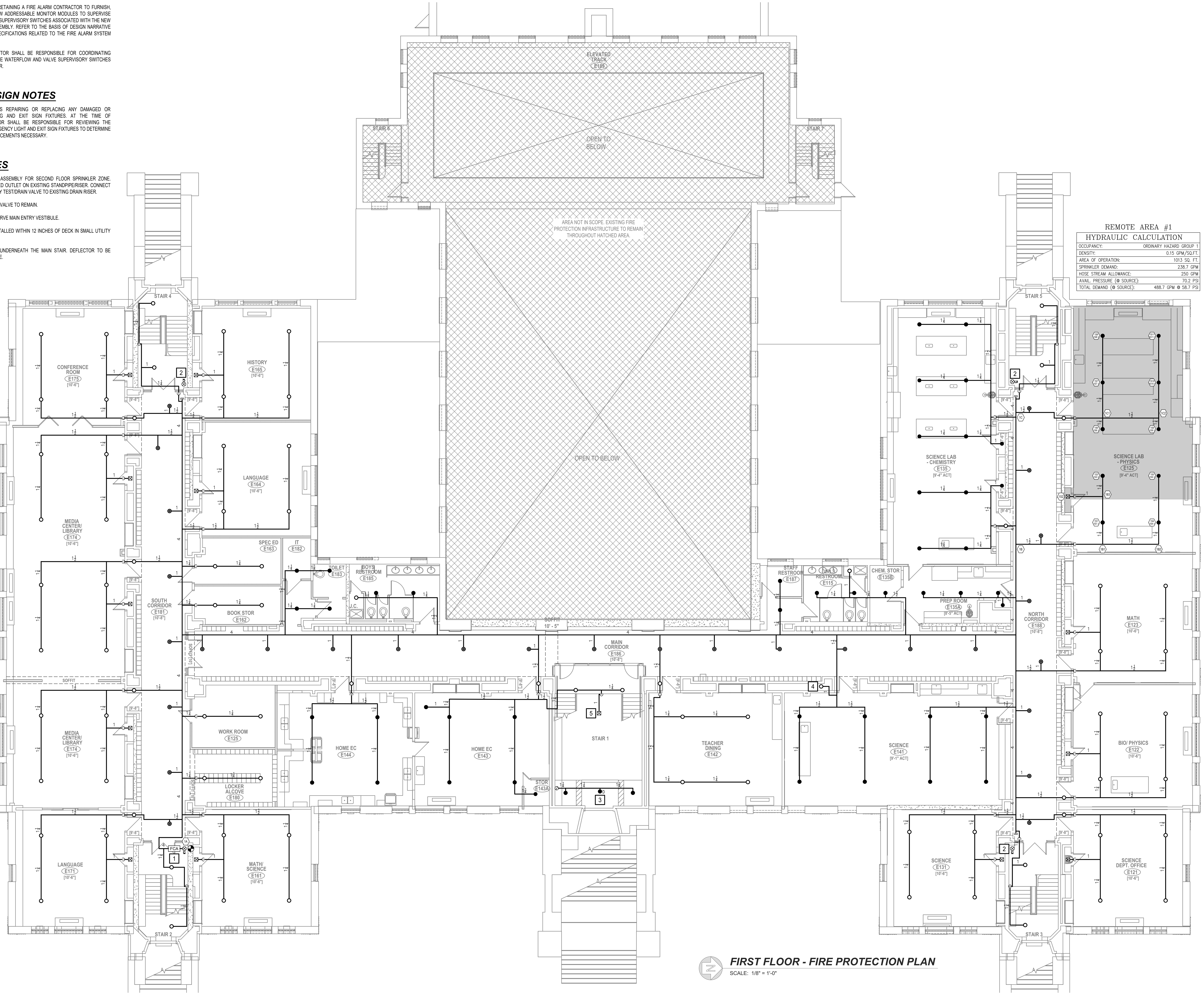
1 NEW 4-INCH FLOOR CONTROL ASSEMBLY FOR SECOND FLOOR SPRINKLER ZONE. CONNECT INTO EXISTING CAPPED OUTLET ON EXISTING STANDPIPE/RISER. CONNECT NEW FLOOR CONTROL ASSEMBLY TEST/DRAIN VALVE TO EXISTING DRAIN RISER.

2 EXISTING STANDPIPE AND HOSE VALVE TO REMAIN.

3 DRY PENDENT SPRINKLER TO SERVE MAIN ENTRY VESTIBULE.

4 UPRIGHT SPRINKLER TO BE INSTALLED WITHIN 12 INCHES OF DECK IN SMALL UTILITY CLOSET.

5 SPRINKLER TO BE INSTALLED UNDERNEATH THE MAIN STAIR. DEFLECTOR TO BE PARALLEL TO THE CEILING SLOPE.



FIRST FLOOR - FIRE PROTECTION PLAN

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

REMOTE AREA #1

HYDRAULIC CALCULATION	
OCCUPANCY:	ORDINARY HAZARD GROUP 1
DENSITY:	0.15 GPM/SQ.FT.
AREA OF OPERATION:	1013 SQ. FT.
SPRINKLER DEMAND:	238.7 GPM
HOSE STREAM ALLOWANCE:	250 GPM
AVAIL. PRESSURE (@ SOURCE):	70.2 PSI
TOTAL DEMAND (@ SOURCE):	488.7 GPM @ 58.7 PSI

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FIRE PROTECTION
12-04-24

PROJECT
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ADDRESS
485 EAST AVENUE, PAWTUCKET RI 02860

PROJECT NO 1EBJ00023.000

DATE DECEMBER 4, 2024

DESIGN	DRAWN BY	CHECKED BY
MJP	MJP	EBJ

SCALE AS NOTED

TITLE
FIRST FLOOR FIRE PROTECTION PLAN

NUMBER
FP-1.1

FIRE ALARM NOTES

1. THE SCOPE OF WORK INCLUDES RETAINING A FIRE ALARM CONTRACTOR TO FURNISH, INSTALL, PROGRAM, AND TEST NEW ADDRESSABLE MONITOR MODULES TO SUPERVISE THE NEW WATERFLOW AND VALVE SUPERVISORY SWITCHES ASSOCIATED WITH THE NEW SECOND FLOOR ZONE CONTROL ASSEMBLY. REFER TO THE BASIS OF DESIGN NARRATIVE FOR ADDITIONAL DETAILS AND SPECIFICATIONS RELATED TO THE FIRE ALARM SYSTEM MODIFICATIONS.

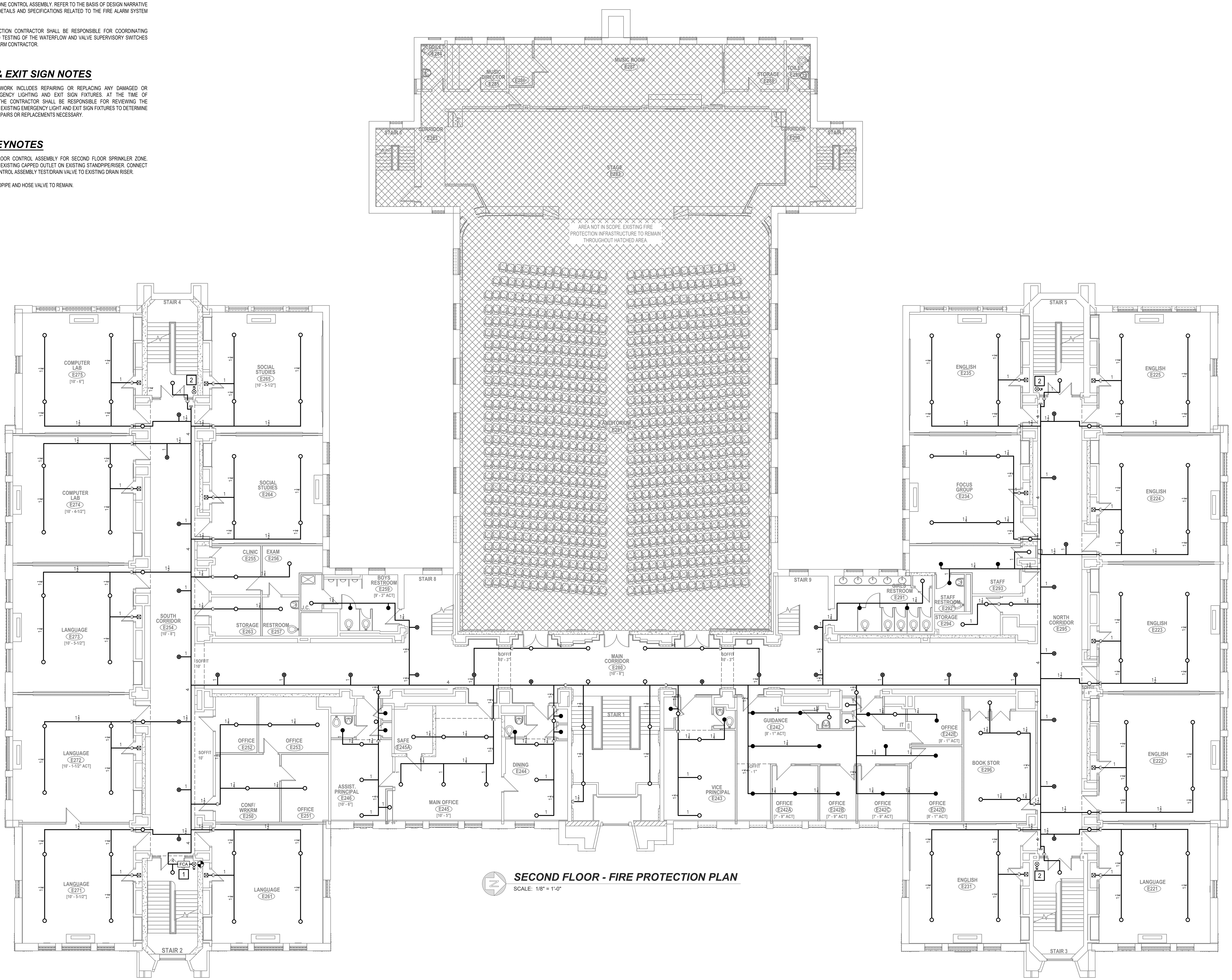
2. THE FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING INSTALLATION AND TESTING OF THE WATERFLOW AND VALVE SUPERVISORY SWITCHES WITH THE FIRE ALARM CONTRACTOR.

E-LIGHT & EXIT SIGN NOTES

1. THE SCOPE OF WORK INCLUDES REPAIRING OR REPLACING ANY DAMAGED OR DEFECTIVE EMERGENCY LIGHTING AND EXIT SIGN FIXTURES. AT THE TIME OF CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THE CONDITION OF ALL EXISTING EMERGENCY LIGHT AND EXIT SIGN FIXTURES TO DETERMINE THE EXTENT OF REPAIRS OR REPLACEMENTS NECESSARY.

SHEET KEYNOTES

1. NEW 4-INCH FLOOR CONTROL ASSEMBLY FOR SECOND FLOOR SPRINKLER ZONE. CONNECT INTO EXISTING CAPPED OUTLET ON EXISTING STANDPIPE/RISER. CONNECT NEW FLOOR CONTROL ASSEMBLY TEST/DRAIN VALVE TO EXISTING DRAIN RISER.
2. EXISTING STANDPIPE AND HOSE VALVE TO REMAIN.



SECOND FLOOR - FIRE PROTECTION PLAN

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

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KEY PLAN

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12-04-24

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ADDRESS
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PROJECT NO 1EBJ00023.000

DATE DECEMBER 4, 2024

DESIGN	DRAWN BY	CHECKED BY
MJP	MJP	EBJ

SCALE
AS NOTED

TITLE
SECOND FLOOR FIRE PROTECTION PLAN

NUMBER
FP-2.1

FIRE ALARM NOTES

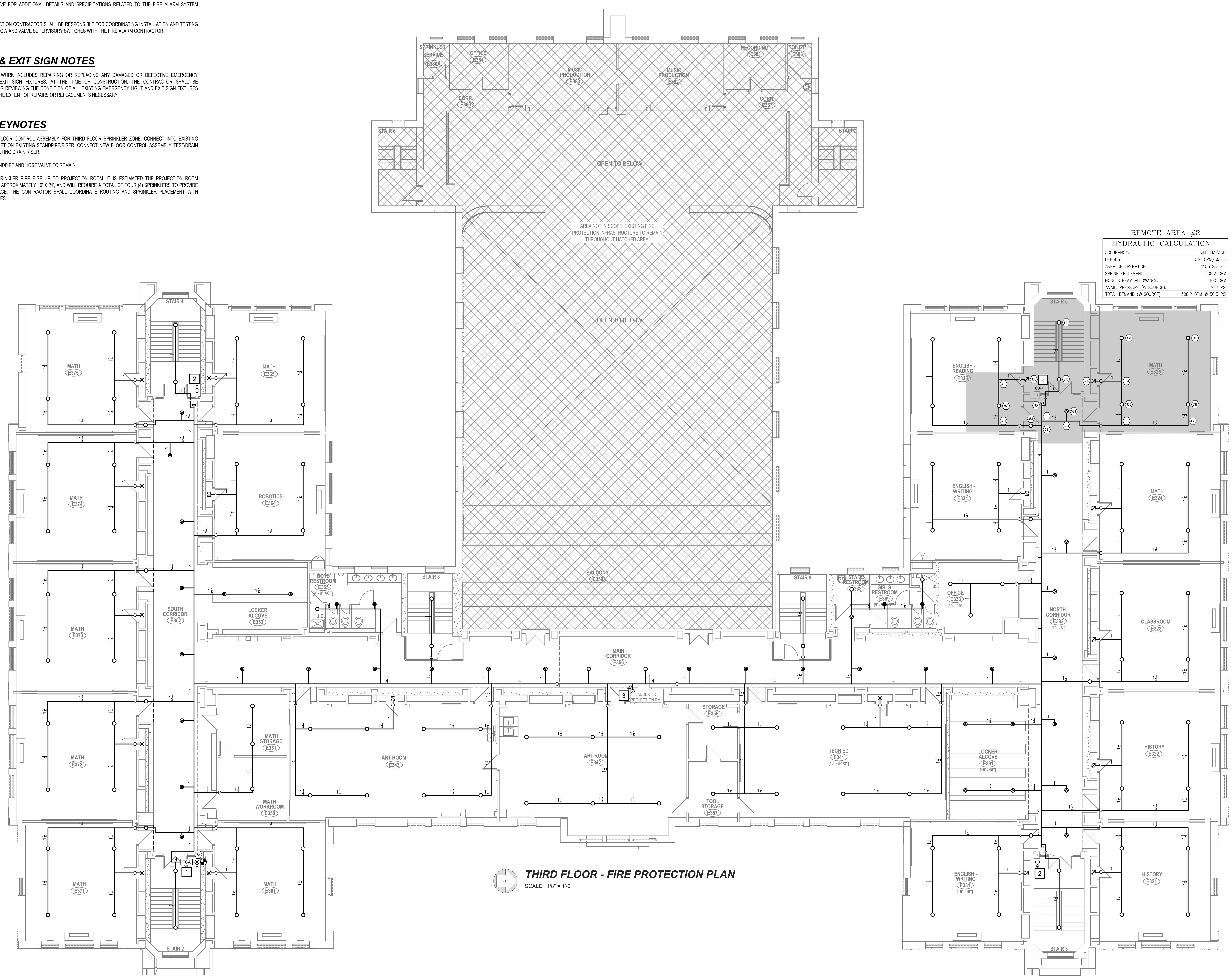
1. THE SCOPE OF WORK INCLUDES RETAINING A FIRE ALARM CONTRACTOR TO FURNISH, INSTALL, PROGRAM, AND TEST NEW ADDRESSABLE MONITOR MODULES TO SUPERVISE THE NEW WATERFLOW AND VALVE SUPERVISORY SWITCHES ASSOCIATED WITH THE NEW THIRD FLOOR ZONE CONTROL ASSEMBLY. REFER TO THE BASIS OF DESIGN NARRATIVE FOR ADDITIONAL DETAILS AND SPECIFICATIONS RELATED TO THE FIRE ALARM SYSTEM MODIFICATIONS.
2. THE FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING INSTALLATION AND TESTING OF THE WATERFLOW AND VALVE SUPERVISORY SWITCHES WITH THE FIRE ALARM CONTRACTOR.

E-LIGHT & EXIT SIGN NOTES

1. THE SCOPE OF WORK INCLUDES REPAIRING OR REPLACING ANY DAMAGED OR DEFECTIVE EMERGENCY LIGHTING AND EXIT SIGN FIXTURES. AT THE TIME OF CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THE CONDITION OF ALL EXISTING EMERGENCY LIGHT AND EXIT SIGN FIXTURES TO DETERMINE THE EXTENT OF REPAIRS OR REPLACEMENTS NECESSARY.

SHEET KEYNOTES

1. NEW 4-INCH FLOOR CONTROL ASSEMBLY FOR THIRD FLOOR SPRINKLER ZONE. CONNECT INTO EXISTING CAPPED OUTLET ON EXISTING STANDPIPE/RISER. CONNECT NEW FLOOR CONTROL ASSEMBLY TEST/DRAIN VALVE TO EXISTING DRAIN RISER.
2. EXISTING STANDPIPE AND HOSE VALVE TO REMAIN.
3. 1-1/2 INCH SPRINKLER PIPE RISE UP TO PROJECTION ROOM. IT IS ESTIMATED THE PROJECTION ROOM FOOTPRINT IS APPROXIMATELY 16' X 21', AND WILL REQUIRE A TOTAL OF FOUR (4) SPRINKLERS TO PROVIDE FULL COVERAGE. THE CONTRACTOR SHALL COORDINATE ROUTING AND SPRINKLER PLACEMENT WITH JENSEN HUGHES.



THIRD FLOOR - FIRE PROTECTION PLAN

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

REMOTE AREA #2

HYDRAULIC CALCULATION	
OCCUPANCY:	LIGHT HAZARD
DENSITY:	0.10 GPM/SQ.FT.
AREA OF OPERATION:	1183 SQ. FT.
SPRINKLER DEMAND:	208.2 GPM
HOSE STREAM ALLOWANCE:	100 GPM
AVAIL. PRESSURE (@ SOURCE):	70.7 PSI
TOTAL DEMAND (@ SOURCE):	308.2 GPM @ 50.3 PSI

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NO.	REVISION	DATE

KEY PLAN

SEAL

ERIK BRIAN JACKVONY
No. 14021
REGISTERED PROFESSIONAL ENGINEER
FIRE PROTECTION
12-04-24

PROJECT: CHARLES E. SHEA HIGH SCHOOL FIRE/LIFE SAFETY UPGRADES

ADDRESS: 485 EAST AVENUE, PAWTUCKET RI 02860

PROJECT NO: 1EBJ00023.000

DATE: DECEMBER 4, 2024

DESIGN	DRAWN BY	CHECKED BY
MJP	MJP	EBJ

SCALE: AS NOTED

TITLE: THIRD FLOOR FIRE PROTECTION PLAN

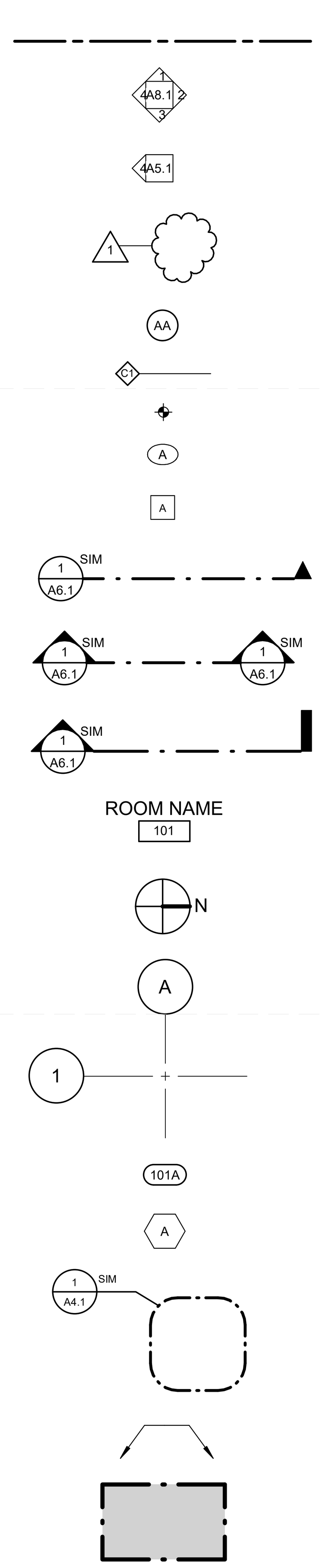
NUMBER: FP-3.1

SHEET 6 of 18

ABBREVIATIONS

A.F.F.	ABOVE FINISH FLOOR	H.M.	HOLLOW METAL
A.C.T.	ACOUSTICAL CEILING TILE	H.P.	HIGH POINT
ALUM.	ALUMINUM	HVAC	HEATING, VENTILATION, AIR CONDITIONING
ANOD.	ANODIZED	I.B.C.	INSTALLED BY CONTRACTOR
B.O.	BOTTOM OF	I.B.O.	INSTALLED BY OWNER
C.G.	CORNER GUARD	INSUL	INSULATION
C.J.	CONTROL JOINT	J.C.	JANITOR CLOSET
CLG	CEILING	JT	JOINT
CLR	CLEAR	L.P.	LOW POINT
CMU	CONCRETE MASONRY UNIT	MECH	MECHANICAL
COL	COLUMN	MEP-FP	MECHANICAL, ELECTRICAL, PLUMBING & FIRE PROTECTION
CONC	CONCRETE	MFR	MANUFACTURER
CONT	CONTINUOUS	MIN	MINIMUM
C.T.	CERAMIC TILE	M.O.	MASONRY OPENING
DWG	DRAWING	MTL	METAL
DR	DOOR	N.I.C.	NOT IN CONTRACT
D.S.	DOWNSPOUT	NOM	NOMINAL
EA	EACH	N.T.S.	NOT TO SCALE
EIFS	EXTERIOR INSULATION FINISH SYSTEM	O.C.	ON CENTER
ELEV	ELEVATION	O.D.	OUTSIDE DIAMETER
ENCL	ENCLOSURE	OPH	OPPOSITE HAND
EQ	EQUAL	OPP	OPPOSITE
E.W.C.	ELECTRIC WATER COOLER	P.C.	PRE CAST
EXI. / EXIST.	EXISTING	PLWD	PLYWOOD
F.B.C.	FURNISHED BY CONTRACTOR	PLAM	PLASTIC LAMINATE
F.B.O.	FURNISHED BY OWNER	P.T.	PRESSURE TREATED
F.C.	FIRE CODE	PTD	PAINTED
F.D.	FLOOR DRAIN	Q.T.	QUARRY TILE
F.E.	FIRE EXTINGUISHER	RAD	RADIUS
FLR.	FLOOR	REINF.	REINFORCING
F.O.F.	FACE OF FOUNDATION	REQ'D	REQUIRED
F.O.S.	FACE OF STUD	RO	ROUGH OPENING
F.O.W.	FACE OF WALL	SIM	SIMILAR
F.R.P.	FIBERGLASS REINFORCED PANEL	SP	SPACES
F.R.P.T.	FIRE RETARDANT PRESSURE TREATED	SQ	SQUARE
F.R.	FIRE RATED	S.S.	STAINLESS STEEL
GA	GAUGE	STL	STEEL
GALV	GALVANIZED	STD	STANDARD
G.C.	GENERAL CONTRACTOR	TEMP	TEMPERED
GL	GLASS	T.O.S.	TOP OF STEEL
GWB	GYPSUM WALL BOARD	TYP	TYPICAL
GYP. BD.	GYPSUM BOARD	U.N.O.	UNLESS NOTED OTHERWISE
HDWR	HARDWARE	W.C.	WATER CLOSET
		W.R.	WATER RESISTANT

ARCHITECTURAL PLAN SYMBOLS



- MATCHLINE
- INTERIOR ELEVATION KEY. INDICATED NUMBERS USED FOR VIEW IDENTIFICATION
- EXTERIOR ELEVATION KEY. NUMBERS USED FOR VIEW IDENTIFICATION
- REVISION TAG
- WINDOW TAG
- WALL TYPE; SEE WALL TYPES ON DWG. A0.1
- SPOT ELEVATION - CEILING HEIGHT
- DEMOLITION KEYNOTE
- DRAWING KEYNOTE
- DETAIL VIEW KEY
- FULL BUILDING SECTION KEY
- WALL AND PARTIAL SECTION KEY
- ROOM TAG
- NORTH ARROW
- COLUMN GRID TAGS
- DOOR TAG; SEE DOOR SCHEDULE ON DWG. A7.??
- FINISH TAG; SEE FINISH SCHEDULE ON DWG. A7.??
- ENLARGED PLAN OR DETAIL CALLOUT
- ALIGN SURFACE
- AREA SHADED NOT IN SCOPE

GENERAL NOTES

(FOR WORK IN UNOCCUPIED BUILDINGS)

1. VISIT THE SITE PRIOR TO BID SUBMITTAL TO BECOME FAMILIAR WITH CONDITIONS AT THE SITE AFFECTING PERFORMANCE OF CONTRACT WORK.

2. ALL DIMENSIONS ARE BASED ON EXISTING CONDITIONS, DRAWINGS, AND/OR FIELD MEASUREMENTS. FIELD VERIFY EXISTING CONDITIONS, DIMENSIONS, ETC. LAY OUT THE WORK AND INFORM THE ARCHITECT OF ANY DISCREPANCIES AFFECTING PROPER COMPLETION OF CONTRACT WORK.

3. DISCREPANCIES BETWEEN PORTIONS OF THE CONTRACT DOCUMENTS ARE NOT INTENDED. CLARIFY ANY SUCH DISCREPANCIES WITH THE ARCHITECT PRIOR TO COMMENCING WORK IN QUESTION.

4. ALL DIMENSIONS INVOLVING EXISTING WALLS ARE TO FACE OF WALL FINISH (F.O.W.), UNLESS OTHERWISE NOTED.

5. ALL DIMENSIONS FOR NEW WORK ARE TO FACE OF STUD (F.O.S.), UNLESS NOTED OTHERWISE.

6. DO NOT SCALE DRAWINGS TO DETERMINE LOCATIONS AND LAYOUT OF THE WORK.

7. UNLESS OTHERWISE AGREED TO IN WRITING WITH THE OWNER, SECURE ALL PERMITS (BUILDING, OCCUPANCY, ETC.) AND PAY FEES FOR SAME, AS REQUIRED BY STATE AND LOCAL RULES AND REGULATIONS.

8. MAINTAIN IN GOOD CONDITION ONE COMPLETE APPROVED SET OF PLANS WITH ALL REVISIONS, ADDENDA, AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES. THESE ARE TO BE UNDER THE CARE OF THE JOB SUPERINTENDENT. THE JOB SUPERINTENDENT MUST BE ON-SITE AT ALL TIMES WHEN WORK OF THIS CONTRACT IS BEING PERFORMED. ALL CONSTRUCTION SETS SHALL REFLECT SAME INFORMATION.

9. SCHEDULE ALL WORK OUTSIDE OF THE "LIMIT OF WORK" LINE(S) WITH THE OWNER. THE EXISTING FIRE PROTECTION SYSTEMS (SPRINKLER, FIRE ALARM, ETC.) MUST BE MAINTAINED INTACT AND OPERABLE AT ALL TIMES. NOTIFY OWNER PRIOR TO SHUTTING DOWN ANY SUCH SYSTEMS TO PERFORM WORK OF THIS CONTRACT.

10. MAINTAIN CLEAN AND ORDERLY WORK AREAS. DO NOT ALLOW TRASH AND DEBRIS TO ACCUMULATE. COMBUSTIBLE DEBRIS SHALL NOT BE PERMITTED TO ACCUMULATE WITHIN BUILDING. IN GENERAL, ALL BUILDING SURFACES WITHIN CONSTRUCTION LIMITS SHALL BE CLEANED AT PROJECT COMPLETION. USE CLEANING MATERIALS AS RECOMMENDED BY PRODUCT MANUFACTURERS. EMPLOY EXPERIENCED WORKMEN OR PROFESSIONAL CLEANERS. BEFORE INSPECTION FOR SUBSTANTIAL COMPLETION, COMPLETE ALL NECESSARY CLEANING WITHIN AREA OF WORK, INCLUDING THE FOLLOWING:

    10.1. REMOVE GREASE, DIRT, STAINS, FINGERPRINTS, ETC. FROM EXPOSED TO VIEW FINISHED SURFACES. TOUCH UP MARRED SURFACES AS REQUIRED.
    10.2. REMOVE PROTECTIVE COVERS FROM, CLEAN AND POLISH EXPOSED TO VIEW FIXTURES, WINDOWS, HARDWARE, ETC.

11. COMPLY WITH ALL PUBLISHED FEDERAL, STATE AND LOCAL RECOMMENDATIONS AND REQUIREMENTS FOR SAFETY AND ACCIDENT PREVENTION, INCLUDING THOSE OF THE A.G.C., A.S.A., OSHA, ETC. TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE SAFETY OF THE OCCUPANTS AND WORKERS AT ALL TIMES. MAINTAIN AT LEAST TWO TYPE 2A-10 BC FIRE EXTINGUISHERS ON SITE DURING CONSTRUCTION.

12. PROVIDE TEMPORARY DUST PARTITIONS, BARRICADES AND PROTECTIVE ENCLOSURES REQUIRED TO PROPERLY SECURE, WEATHER PROTECT, AND ISOLATE AREAS OF WORK AND EXISTING AREAS, TO REMAIN, AND TO ASSURE CONTINUING FACILITY OPERATIONS IN GENERAL.

13. BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE WORK PREMISES WHILE JOB IS IN PROGRESS AND UNTIL JOB IS COMPLETED. ACCESS TO THE BUILDING DURING NON-OPERATING HOURS SHALL NOT JEOPARDIZE SECURITY OF THE BUILDING OR SURROUNDING SITE. BE RESPONSIBLE FOR SUBCONTRACTORS WORKING IN THE BUILDING DURING NON-OPERATING HOURS.

14. EXACT LOCATIONS, QUANTITIES AND TYPES OF FIRE EXTINGUISHERS AND CABINETS ARE SUBJECT TO REVIEW BY LOCAL AUTHORITIES. VERIFY SAME PRIOR TO PURCHASE AND INSTALLATION.

15. THE OWNER RESERVES THE RIGHT TO PERFORM ADDITIONAL WORK THAT IS NOT PART OF THIS CONTRACT WITH HIS OWN FORCES, UNDER SEPARATE CONTRACTS AND/OR WITH OTHER CONTRACTORS OR VENDORS. COOPERATE WITH THE OWNER AND OTHER CONTRACTORS AND COORDINATE WORK WITH THE OWNER SO THAT WORK BY OTHERS CAN BE INCORPORATED IN A TIMELY MANNER.

16. ALL DAMAGES TO THE BUILDING PROPERTY DUE TO CONTRACT OPERATIONS MUST BE REPORTED IMMEDIATELY TO THE OWNER.

17. ALL MATERIALS SHALL BE FURNISHED AND INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS WRITTEN INSTRUCTIONS AND RECOMMENDATIONS, BY SKILLED WORKMEN UNDER ADEQUATE SUPERVISION. MATERIALS AND METHODS OF INSTALLATION SHALL ALSO CONFORM TO THE APPROPRIATE NATIONAL TRADE HANDBOOKS; I.E. ARCHITECTURAL WOODWORK INSTITUTE'S QUALITY STANDARDS, UNITED STATES GYPSUM'S, GYPSUM CONSTRUCTION HANDBOOK, ETC. COPIES OF MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ALL PRODUCTS SHALL BE AVAILABLE AT JOB SITE.

18. ALL MILLWORK, WOODWORK AND WOOD DOORS SHALL BE FABRICATED, FURNISHED, AND INSTALLED IN STRICT ACCORDANCE WITH THE APPROPRIATE SECTIONS OF THE ARCHITECTURAL WOODWORK INSTITUTE'S, 'ARCHITECTURAL WOODWORK QUALITY STANDARDS', CUSTOM GRADE, UNLESS OTHERWISE NOTED. PROVIDE ARCHITECTURAL WOODWORK INSTITUTE QUALITY CERTIFICATION PROGRAM LABELS OR CERTIFICATES INDICATING THAT THE WOODWORK, INCLUDING INSTALLATION, COMPLIES WITH REQUIREMENTS OF GRADES SPECIFIED. THE CONTRACTOR, UPON AWARD OF WORK, SHALL REGISTER THIS PROJECT WITH THE ARCHITECTURAL WOODWORK INSTITUTE QUALITY CERTIFICATION PROGRAM. (800) 449-8811.

19. ANY SUBSTITUTIONS FOR MATERIALS/MANUFACTURERS SYSTEMS SPECIFIED MUST BE PRE-APPROVED BY THE ARCHITECT. SUBMIT SUBSTITUTION REQUEST IN WRITING, ALONG WITH APPROPRIATE SHOP DRAWINGS, PROPOSED MANUFACTURER'S PRODUCT DATA, AND SAMPLE(S) OF PRODUCT(S) IN COLOR(S)/FINISH(ES) PROPOSED. NOTE THE REASON FOR THE SUBSTITUTION AND ANY COST SAVINGS TO BE CREDITED TO THE OWNER FOR USE OF SUBSTITUTED PRODUCT OR SYSTEM. EVALUATION OF CONTRACTOR-PROPOSED SUBSTITUTIONS BY THE ARCHITECT MAY REQUIRE ADDITIONAL SERVICES IN THE FORM OF RESEARCH OR REDESIGN. THE OWNER AND/OR CONTRACTOR WILL BE NOTIFIED OF THE NEED FOR ADDITIONAL SERVICES PRIOR TO REVIEW OF A PROPOSED SUBSTITUTION. THE OWNER MUST AUTHORIZE ADDITIONAL SERVICES PRIOR TO THE ARCHITECT CONDUCTING A REVIEW OF THE PROPOSED SUBSTITUTION IN QUESTION.

20. SUBSTITUTIONS: WHEN PROVIDING A PRODUCT OR MATERIAL WHICH IS A SUBSTITUTE FROM WHAT THE DRAWINGS SHOW AS THE "BASE SPECIFICATION", THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ANY VARIATIONS FROM THE ORIGINALLY SPECIFIED PRODUCT, INCLUDING BUT NOT LIMITED TO DIMENSIONAL VARIATIONS, UTILITY REQUIREMENTS, OR STRUCTURAL SUPPORT.

21. REPLACE OR REMEDY ANY FAULTY, IMPROPER OR INFERIOR MATERIALS OR WORKMANSHIP WHICH SHALL APPEAR WITHIN ONE (1) YEAR OR AS OTHERWISE SPECIFIED FOR A SPECIFIC COMPONENT AFTER COMPLETION AND ACCEPTANCE OF THE WORK UNDER THIS CONTRACT.

22. ARRANGE AND PAY FOR ANY REQUIRED TEMPORARY UTILITIES AND FACILITIES. PROVIDE TEMPORARY HEAT AND WEATHER PROTECTION AS REQUIRED.

23. LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HEREIN OR NOT AND PROTECT THEM FROM DAMAGE. BEAR ALL EXPENSE OF REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH PERFORMANCE OF THE WORK.

24. LOCATIONS FOR CONSTRUCTION DUMPSTERS OR OTHER TEMPORARY FACILITIES AND STAGING AREAS OUTSIDE OF THE WORK AREA MUST BE REVIEWED WITH, AND APPROVED BY, THE OWNER, AND/OR LOCAL AUTHORITIES AS APPROPRIATE.

25. NEW GYPSUM WALLBOARD SUBSTRATES APPLIED OVER EXISTING BASES TO REMAIN, NEW STEEL STUDS, OR NEW WOOD STUDS, SHALL BE SECURED WITH APPROPRIATE SCREW FASTENERS. INSTALLATION SHALL BE IN ACCORDANCE WITH "GYPSUM CONSTRUCTION HANDBOOK" BY U.S.G. ALL JOINTS SHALL BE TAPED AND FINISHED AND APPROPRIATE METAL TRIM PROVIDED WHERE REQUIRED.

26. PROVIDE BACK-BLOCKING AS REQUIRED TO ACHIEVE FIRM ATTACHMENT OF ALL ITEMS OF ARCHITECTURAL WOODWORK AND ALL OTHER WALL AND/OR CEILING MOUNTED FINISHES, EQUIPMENT AND ACCESSORIES, FIXTURES, ETC. ALL WOOD USED FOR BACK-BLOCKING IN CONCEALED SPACES SHALL BE PRESSURE-TREATED WITH FIRE-RESISTANT CHEMICALS (KOPPERS OR EQUAL).

27. PROVIDE A BEAD OF SANITARY, MILDEW RESISTANT SILICONE SEALANT AT THE FOLLOWING LOCATIONS:

    27.1. METAL DOOR FRAME AND WALL CONNECTIONS.
    27.2. CONDUIT AND PIPE PENETRATIONS AT WALLS AND CEILINGS.
    27.3. JUNCTION OF MILLWORK AND SURROUNDING SURFACES.
    27.4. TOILET ACCESSORIES AND TILE WALL CONNECTIONS.
    27.5. BASEBOARD TO WALL
    27.6. WINDOW FRAMES AND MISC. TRIMWORK JOINTS WITH WALL.
    27.7. INTERSECTION OF DISSIMILAR MATERIALS.
    27.8. ELSEWHERE AS SHOWN ON DRAWINGS OR WHERE REQUIRED BY THE ARCHITECT, OR LOCAL AUTHORITIES. PROVIDE PAINTABLE SEALANTS AT LOCATIONS SCHEDULED TO RECEIVE PAINTED OR STAINED FINISHES.

28. WHERE PIPES, CONDUITS, CABLE WIRES, DUCTS, OR SIMILAR BUILDING SERVICE EQUIPMENT PASS THROUGH FIRE-RATED ASSEMBLIES (IE FLOORS AND WALLS), THE SPACE BETWEEN THE PENETRATING ITEM AND THE RATED ASSEMBLY SHALL BE FILLED WITH A MATERIAL CAPABLE OF MAINTAINING THE FIRE-RESISTANCE OF THE ASSEMBLY.

29. A PORTION OF THE WORK OF THIS CONTRACT INVOLVES THE UNCOVERING OF ORIGINAL SURFACES BY THE REMOVAL OF EXISTING FURRED OUT WALLS, FINISHES, SUSPENDED CEILINGS, FLOOR COVERINGS, ETC. THE ORIGINAL SURFACES SHALL BE PATCHED, REPAIRED, CLEANED, PREPARED FOR FINISHING AND REFINISHED AS SCHEDULED. REFER TO GENERAL DEMOLITION NOTES.

30. IF NOT SPECIFIED OTHERWISE, COLORS AND FINISHES OF SPECIFIED PRODUCTS WILL BE SELECTED FROM MANUFACTURER'S STANDARD RANGE.

31. PRODUCTS SHALL BE PROPERLY ENCLOSED IN CONTAINERS, BOXES, PACKAGES, ETC. TO PREVENT DAMAGE DURING TRANSPORTATION AND HANDLING. DELIVER IN MANUFACTURER'S ORIGINAL UNOPENED CONTAINERS WITH LABELS INDICATING BRAND NAMES, MODEL NUMBERS, QUALITY DESIGNATIONS, FIRE RESISTANCE RATINGS, ETC.

32. DESIGNATE DELIVERY DATES OF OWNER FURNISHED ITEMS IN THE CONSTRUCTION SCHEDULE. RECEIVE, UNLOAD AND HANDLE OWNER FURNISHED ITEMS TO BE INSTALLED BY THE CONTRACTOR AT THE SITE. STORE MATERIALS DELIVERED TO SITE OFF GROUND, UNDER COVER, IN DRY WELL VENTILATED LOCATIONS SECURE FROM VANDALISM AND THEFT, IN FULL CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS. CAREFULLY PROTECT STORED MATERIALS FROM DAMAGE, DAMPNESS, AND EXTREMES OF TEMPERATURE. PROVIDE SEPARATORS BETWEEN FINISHED MATERIALS WHICH ARE STORED IN STACKED OR LEANING POSITIONS.

33. CLOSE-OUT SUBMITTALS REQUIRED AT FINAL COMPLETION SHALL INCLUDE:

    33.1. OPERATING AND MAINTENANCE MANUALS.
    33.2. INSTRUCTION OF OWNER AND/OR BUILDING OWNER PERSONNEL IN MAINTENANCE AND OPERATION OF SYSTEMS.
    33.3. SUBMISSION OF CERTIFICATIONS, TEST REPORTS, ETC.
    33.4. PROVISION OF SPARE PARTS AND MAINTENANCE MATERIALS, NEATLY WRAPPED OR PACKAGED IN STANDARD SIZES, AND CLEARLY LABELED. THIS INCLUDES 5% STOCK OF CARPET, VINYL TILE, WALL COVERING AND THREE GALLONS OF PAINT OF EACH COLOR AND SHEEN SPECIFIED.
    33.5. CERTIFICATE OF INSURANCE FOR PRODUCTS AND COMPLETED OPERATIONS.
    33.6. TYPED LIST OF MAJOR SUB-CONTRACTORS AND SUPPLIERS WITH ADDRESSES AND TELEPHONE NUMBERS.

34. UPON AWARD OF CONTRACT, THE CONTRACTOR SHALL SUBMIT A LIST OF ELECTRONIC DRAWING FILES, IF ANY, THAT THEY WOULD LIKE TO RECEIVE FROM THE ARCHITECT OR ENGINEERS FOR USE IN PERFORMANCE OF THEIR CONTRACT OBLIGATIONS, INCLUDING PREPARATION OF SHOP DRAWINGS. DRAWINGS IN .PDF FORMAT WILL BE PROVIDED UPON REQUEST AT NO CHARGE. .DWG FORMAT WILL BE PROVIDED UPON RECEIPT OF A SIGNED INDEMNIFICATION AGREEMENT. THE FOLLOWING SCHEDULE OF FEES SHALL APPLY FOR THE DELIVERY OF .DWG FILES: $200 FOR THE FIRST DRAWING; $75 FOR EACH ADDITIONAL DRAWING.

35. SHOP DRAWINGS, PRODUCT DATA, AND OTHER SUBMITTALS (OTHER THAN ACTUAL SAMPLES) SHALL BE SUBMITTED IN ELECTRONIC (PDF) FORMAT WHEREVER POSSIBLE. PROVIDE 5 COPIES OF ALL PAPER SUBMITTALS.

36. ALLOW TIME FOR SUBMITTAL REVIEW, INCLUDING TIME FOR RESUBMITTALS, AS FOLLOWS. TIME FOR REVIEW SHALL COMMENCE ON ARCHITECT'S RECEIPT OF SUBMITTAL. NO EXTENSION OF THE CONTRACT TIME WILL BE AUTHORIZED BECAUSE OF FAILURE TO TRANSMIT SUBMITTALS ENOUGH IN ADVANCE OF THE WORK TO PERMIT PROCESSING, INCLUDING RESUBMITTALS. ALLOW [14] DAYS FOR INITIAL REVIEW OF EACH SUBMITTAL. ALLOW ADDITIONAL TIME IF COORDINATION WITH SUBSEQUENT SUBMITTALS IS REQUIRED.

37. PRIOR TO SUBSTANTIAL COMPLETION, CONTRACTOR TO PROVIDE THE OWNER AND ARCHITECT WITH SUBCONTRACTOR'S PUNCH LIST OF INCOMPLETE ITEMS STATING REASON FOR INCOMPLETION AND VALUE OF INCOMPLETION.

(FOR WORK IN OCCUPIED BUILDINGS)

1. PLAN AND SCHEDULE WORK AND PURCHASING IN ORDER TO MINIMIZE ON-SITE CONSTRUCTION TIME AND DISRUPTION OF EXISTING BUILDING OCCUPANTS AND OPERATIONS.

2. THE OWNER MAY AUTHORIZE THE CONTRACTOR TO COMMENCE WORK BASED ON THE CONTRACTOR'S AGREEMENT TO ADHERE TO CERTAIN RULES AND REGULATIONS. THE CONTRACTOR SHALL AGREE TO ANY SUCH RULES AND REGULATIONS TO THE SATISFACTION OF THE OWNER PRIOR TO START OF WORK. A COPY OF CURRENT RULES, IF AVAILABLE SHALL BE PROVIDED BY THE OWNER AT CONTRACTOR'S REQUEST.

3. THE OWNER RESERVES THE RIGHT TO INSTALL EQUIPMENT IN COMPLETED AREAS OF THE BUILDING, PRIOR TO SUBSTANTIAL COMPLETION PROVIDED THAT SUCH OCCUPANCY DOES NOT INTERFERE WITH COMPLETION OF THE WORK.

4. MAINTAIN MEANS OF EGRESS DURING CONSTRUCTION AS REQUIRED BY NFPA 101, LIFE SAFETY CODE, CURRENT EDITION AND LOCAL AUTHORITIES.

5. WORKMEN SHALL CONDUCT THEMSELVES IN A REASONABLE MANNER (I.E. SHALL NOT USE PROFANITY, CREATE A NUISANCE TO SURROUNDING BUILDING OCCUPANTS, LOITER IN SURROUNDING BUILDINGS, ETC.).

6. IN THE EVENT THAT ANY PORTION OF THE WORK WILL DISTURB AND/OR DISRUPT ANY OTHER OPERATIONS IN THE BUILDING, MAKE ARRANGEMENTS WITH THE OWNER TO CONDUCT THE WORK AT A TIME AGREED UPON BY THE AFFECTED OPERATIONS AND/OR PARTIES. ANY AND ALL SUCH WORK AND RELATED CIRCUMSTANCES SUCH AS POWER SHUT DOWNS, PIPING, CABLING, FIRE ALARM, ETC., WILL BE COORDINATED WITH ALL AFFECTED OPERATIONS, OWNER AND AUTHORITIES HAVING JURISDICTION OVER THE AFFECTED WORK.

GENERAL WALL NOTES
INTERIOR ONLY / NON-LOAD BEARING

1. PROVIDE CEMENT BACKER BOARD IN LIEU OF GYP. BOARD AT ALL LOCATIONS SCHEDULED TO RECEIVE CERAMIC TILE. SEE INTERIOR ELEVATIONS AND ROOM FINISH SCHEDULE.

2. PROVIDE MOISTURE RESISTANT GYP. BOARD IN LIEU OF REGULAR GYP. BOARD AT ALL WET WALL AREAS (RESTROOMS, KITCHENS, SERVICE AREAS, ETC.) SEE INTERIOR ELEVATIONS AND ROOM FINISH SCHEDULE.

3. ALL JOINTS OF GYPSUM BOARD/CEMENT BACKER BOARD SHALL BE TAPED AND FINISHED PER MANUFACTURER'S WRITTEN SPECIFICATIONS. PROVIDE ALL APPROPRIATE TRIM AND ACCESSORIES FOR A COMPLETE INSTALLATION.

4. PRIME PAINT AND OTHERWISE PREPARE WALL SUBSTRATES IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, AND AS REQUIRED TO RECEIVE FINISHES SPECIFIED.

5. INSTALL GYPSUM BOARD FINISH ON UNRATED WALLS TO 6" ABOVE CEILING, TYP., UNLESS NOTED OTHERWISE ON WALL TYPES.

6. REVIEW ALL DRAWINGS FOR FINISHES, MILLWORK, FIXTURES AND EQUIPMENT ITEMS THAT WILL REQUIRE BACK-BLOCKING IN WALLS TO PROPERLY ATTACH SAME. COORDINATE WORK SO THAT ALL BACK-BLOCKING IS PROVIDED PRIOR TO INSTALLATION OF SUBSTRATES ON PARTITIONS.

7. METAL STUD FRAMING AT INTERIOR DOOR JAMBS AND WINDOW SHALL BE 20 GA., TYP.

8. ISOLATE FRAMING SYSTEM FROM STRUCTURAL LOADING BOTH HORIZONTALLY AND VERTICALLY.

9. PROVIDE SLIP OR CUSHIONED JOINTS AT TOP OF WALLS WHERE THEY MEET STRUCTURAL BEAMS OR DECK ABOVE. MAINTAIN LATERAL STABILITY.

10. DEPTH: 3-5/8" STUDS UNLESS OTHERWISE NOTED, OR REQUIRED TO MEET SPAN AND DEFLECTION CONSTRAINTS.

ALTERNATES - 01 2300

ALT#1:	PROVIDE 60-MIN GLASS BLOCK WALL ASSEMBLY (SEVES GLASS BLOCK, CLARITY 8X8X4 THICKSET 60 OR APPROVED EQUAL), IN LIEU OF 1-HR RATED GYPSUM BOARD WALL ASSEMBLY. (SEE 6/A1.4)
ALT#2:	PROVIDE 1/2" TEMPERED GLASS IN LIEU OF METAL MESH INFILL PANELS AT INTERIOR ENTRY MONUMENTAL STAIR (SEE 2&3/A5.2)

GENERAL DEMOLITION NOTES

1. IN ACCORDANCE WITH FEDERAL REGULATIONS PROMULGATED UNDER THE CLEAN AIR ACT, AND COMMONLY REFERRED TO AS ASBESTOS NESHAP, MORE SPECIFICALLY, 40 CFR PART 61, SUBPART M, SECTION 61.145, THE CONTRACTOR SHALL VERIFY THAT AN ASBESTOS SURVEY HAS BEEN CONDUCTED PRIOR TO THE COMMENCEMENT OF DEMOLITION OR RENOVATION WORK WHICH IS PART OF THIS CONTRACT.

2. IN ACCORDANCE WITH ABOVE REGULATION REQUIREMENTS, THE CONTRACTOR SHALL FILE WRITTEN NOTIFICATION WITH THE EPA PRIOR TO ANY DEMOLITION WORK BEING PERFORMED REGARDLESS OF THE AMOUNT OF ASBESTOS, INCLUDING ZERO.

3. ALL DEMOLITION WORK SHALL BE PERFORMED IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. SECURE REQUIRED PERMITS. ARRANGE WITH BUILDING OWNER AND/OR APPROPRIATE UTILITY COMPANIES FOR SERVICE SHUTOFFS BEFORE BEGINNING DEMOLITION OPERATIONS.

4. CONSULT WITH OWNER AND FIRE OFFICIALS PRIOR TO MAKING ANY ALTERATIONS TO THE EXISTING FIRE ALARM AND SPRINKLER SYSTEM.

5. COORDINATE ALL DEMOLITION OPERATIONS WITH OWNER FOR SHUTDOWN PERIODS AND SEQUENCE OF WORK. PROVIDE TEMPORARY DUST PARTITIONS, BARRICADES, SIGNAGE, AND PROTECTIVE ENCLOSURES REQUIRED TO PROPERLY SECURE, ISOLATE, WATERPROOF, AND PROTECT AREAS OF WORK FROM EXISTING AREAS TO REMAIN IN OPERATION AND TO ASSURE CONTINUING FACILITY OPERATIONS IN GENERAL. IDENTIFY AND PROTECT ANY AREAS WHERE DEMOLITION IS TO TAKE PLACE WHERE THE DEMOLITION CREATES A PHYSICAL SAFETY HAZARD. THE CONTRACTOR SHALL KEEP THE CORRIDORS AND EXITS CLEAR OF DEBRIS, STORED MATERIALS, ETC., AT ALL TIMES TO PROVIDE REQUIRED FIRE EGRESS FROM THE BUILDING.

6. MAKE EVERY EFFORT POSSIBLE TO MINIMIZE DISTURBANCES TO BUILDING OCCUPANTS. COORDINATE HOURS OF DISRUPTIVE DEMOLITION WITH BUILDING OWNER PRIOR TO COMMENCEMENT.

7. IT IS NOT THE INTENT TO SHOW EVERY PIECE OR ITEM TO BE REMOVED IN DEMOLITION WORK. MECHANICAL, ELECTRICAL AND OTHER WORK RELATED TO A WALL OR AREA SCHEDULED FOR DEMOLITION AND REMOVAL SHALL BE REMOVED WHETHER SPECIFICALLY ITEMIZED OR NOT. TERMINATE, CAP AND REMOVE ALL ABANDONED ELECTRICAL CONDUIT, WIRING BOXES, SWITCHES, ETC; PLUMBING, PIPING, AND PLUMBING FIXTURES, ETC; HVAC DUCTWORK, CONTROLS, PIPING, ETC; AS REQUIRED.

8. WHEN WALLS, COLUMNS, OR OTHER SUPPORTING AND/OR BRACING ELEMENTS ARE SCHEDULED FOR DEMOLITION, TEMPORARY STRUCTURAL SUPPORTS AND BRACING FOR THE ADJACENT CONSTRUCTION SHALL BE PROVIDED AND MAINTAINED UNTIL THE PERMANENT SUPPORTING STRUCTURES ARE IN PLACE AND ABLE TO SUPPORT IMPOSED LOADS. ANY STRUCTURAL BRACING DISCOVERED DURING DEMOLITION IS NOT TO BE REMOVED - NOTIFY ARCHITECT OF ANY AND ALL SUCH DISCOVERIES IMMEDIATELY.

9. WHERE EXISTING WALL SUBSTRATES REMAIN AS BASE MATERIAL SURFACES FOR INSTALLATION OF NEW FINISHES, REMOVE PROJECTIONS, FILL VOIDS, SECURE OR REMOVE AND REPLACE ANY EXISTING LOOSE OR OTHERWISE UNSUITABLE SUBSTRATE MATERIALS AND ADD BLOCKING OR STRAPPING TO RECEIVE NEW MATERIALS AND FINISHES. STRIP EXISTING WALL FINISH MATERIAL TO EXPOSE SUBSTRATE WHERE NEEDED.

10. REMOVE ALL FINISH FLOORING MATERIALS INCLUDING WALL BASE FROM EXISTING FLOORS SCHEDULED TO RECEIVE NEW FLOORING. GRIND, SCRAPE, SAND, CLEAN AND OTHERWISE PREPARE SUBSTRATE PRIOR TO INSTALLATION OF NEW FINISH FLOORING. PREPARE SUBSTRATE IN ACCORDANCE WITH FLOORING MANUFACTURER'S WRITTEN SPECIFICATIONS. PROVIDE LEVELING MASTICS AND GROUTS AS REQUIRED TO RENDER SUBSTRATES LEVEL AND TRUE TO 1/8" IN 10', AND AS REQUIRED TO BLEND ADJACENT DISSIMILAR FLOORING MATERIALS.

11. REMOVE EXISTING CEILING FINISH MATERIAL, FRAMING/SUSPENSION SYSTEMS, INCLUDING LIGHT AND CEILING FIXTURES, AS REQUIRED TO ACCOMMODATE NEW WORK. IN ROOMS WHERE CEILINGS ARE TO REMAIN AND SECTIONS OF PARTITIONS ARE TO BE REMOVED/RELOCATED, CEILINGS SHALL BE PATCHED AND REPAIRED TO MATCH EXISTING.

12. NEATLY SAWCUT SLAB, AND TRENCH AND EXCAVATE FOR NEW PLUMBING OR ELECTRICAL WORK AS SHOWN OR REQUIRED ON PLUMBING AND ELECTRICAL DRAWINGS. WHERE CUT FOR TRENCHING, BACKFILL, COMPACT FILL REPAIR/INSTALL NEW VAPOR BARRIER TO PROVIDE WATER TIGHT SYSTEM, AND PATCH SLAB TO BLEND INDISTINGUISHABLE WITH ADJACENT SLAB. REPAIR EXISTING VAPOR BARRIER.

13. PATCH, REPAIR AND REFINISH ALL SURFACES TO MATCH AND ALIGN WITH EXISTING ADJACENT SURFACES SCHEDULED TO REMAIN, AND PREPARE TO RECEIVE NEW FINISHES SPECIFIED. WORK SHALL INCLUDE ALL LABOR AND MATERIALS ON ALL SURFACES REQUIRED TO RENDER SUBSTRATES ACCEPTABLE TO RECEIVE NEW FINISHES SPECIFIED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS.

14. PROTECT FROM LOSS OR DAMAGE ALL ITEMS INTENDED FOR SALVAGE AND REUSE, OR SCHEDULED TO REMAIN.

15. REPLACE IN KIND ANY EXISTING CONSTRUCTION, OR ITEM INTENDED TO REMAIN, OR BE SALVAGED FOR REUSE, BUT DAMAGED OR LOST AS A RESULT OF THE WORK OF THIS CONTRACT.

16. REUSE OF SALVAGED MATERIALS NOT SPECIFICALLY SCHEDULED FOR REUSE, WILL BE AT THE SOLE DISCRETION OF THE OWNER. IN NO CASE SHALL SALVAGED MATERIAL BE INCORPORATED IN THE WORK THAT DOES NOT MEET MINIMUM REQUIREMENTS OF STATE AND LOCAL CODES AND REGULATIONS.

17. SCHEDULES OF ADDITIONAL ITEMS TO BE SALVAGED (IF ANY) ARE TO BE PROVIDED BY THE OWNER UPON REQUEST OF THE CONTRACTOR.

18. ITEMS TO BE SALVAGED BUT NOT SO SCHEDULED ON THE DEMOLITION PLAN SHALL BE CONFIRMED BY THE CONTRACTOR WITH THE OWNER. ALL ITEMS TO BE TURNED OVER TO THE OWNER, SHALL BE PROTECTED DURING DEMOLITION AND REMOVAL AND SHALL BE DELIVERED IN AN UNDAMAGED CONDITION.

19. REMOVE ALL DEMOLISHED MATERIALS NOT SCHEDULED FOR SALVAGE AND REUSE, OR THOSE TO BECOME PROPERTY OF THE OWNER, FROM THE SITE AND DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

20. DISCONNECT ALL ELECTRICAL POWER TO PARTITIONS AND OTHER ITEMS, AREAS, ELEMENTS INVOLVED IN THE DEMOLITION PRIOR TO DEMOLITION.

21. CONFINE TOOLS AND EQUIPMENT, STORAGE OF MATERIALS AND OPERATIONS TO LIMITS DESIGNATED BY THE BUILDING OWNER. THE PREMISES SHALL BE MAINTAINED IN SAFE, ORDERLY CONDITION AT ALL TIMES. REMOVE DEBRIS DAILY. COVER DUMPSTERS WITH FIRE RESISTANT TARPS SECURELY FASTENED TO PREVENT VANDALISM.

22. IN THE EVENT THAT SUSPECTED HAZARDOUS MATERIALS ARE DISCOVERED DURING THE COURSE OF DEMOLITION, CEASE WORK IMMEDIATELY AND NOTIFY THE BUILDING OWNER OF ANY SUCH DISCOVERIES.

23. FOR ADDITIONAL DEMOLITION NOTES, REFER TO STRUCTURAL, MECHANICAL AND ELECTRICAL DEMOLITION DRAWINGS, IF ANY.

24. DEMOLITION PLANS SHALL BE USED IN CONJUNCTION WITH DRAWINGS FOR NEW CONSTRUCTION (INTERIOR ELEVATIONS, DETAILS, ETC.) SO THAT EXACT LIMIT AND BOUNDARIES OF SPECIFIC DEMOLITION MAY BE DETERMINED.

25. ENSURE THAT ALL ELECTRICAL, MECHANICAL, FIRE PROTECTION, VOICE/DATA WIRING, AND PLUMBING SYSTEMS SERVING OTHER TENANTS AND BASE BUILDING SYSTEMS WILL REMAIN OPERATIONAL DURING THE COURSE OF DEMOLITION. SURVEY THE SITE BEFORE STARTING WORK TO IDENTIFY LOCATIONS OF THESE SYSTEMS.

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117 Metro Center Blvd
Suite 1002
Warwick, RI 02886-1776
O: 401-736-8992
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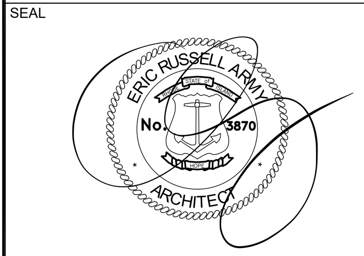
Signal Works

NO.	REVISION	DATE
1	BID DOCUMENTS	12/04/24

KEY PLAN

SEAL



PROJECT
CHARLES E. SHEA HIGH SCHOOL FIRE/LIFE SAFETY UPGRADES

ADDRESS
485 EAST AVENUE, PAWTUCKET RI 02860

PROJECT NO
JH: 1EBJ00023.000 / SWA: 2422

DATE
DECEMBER 4, 2024

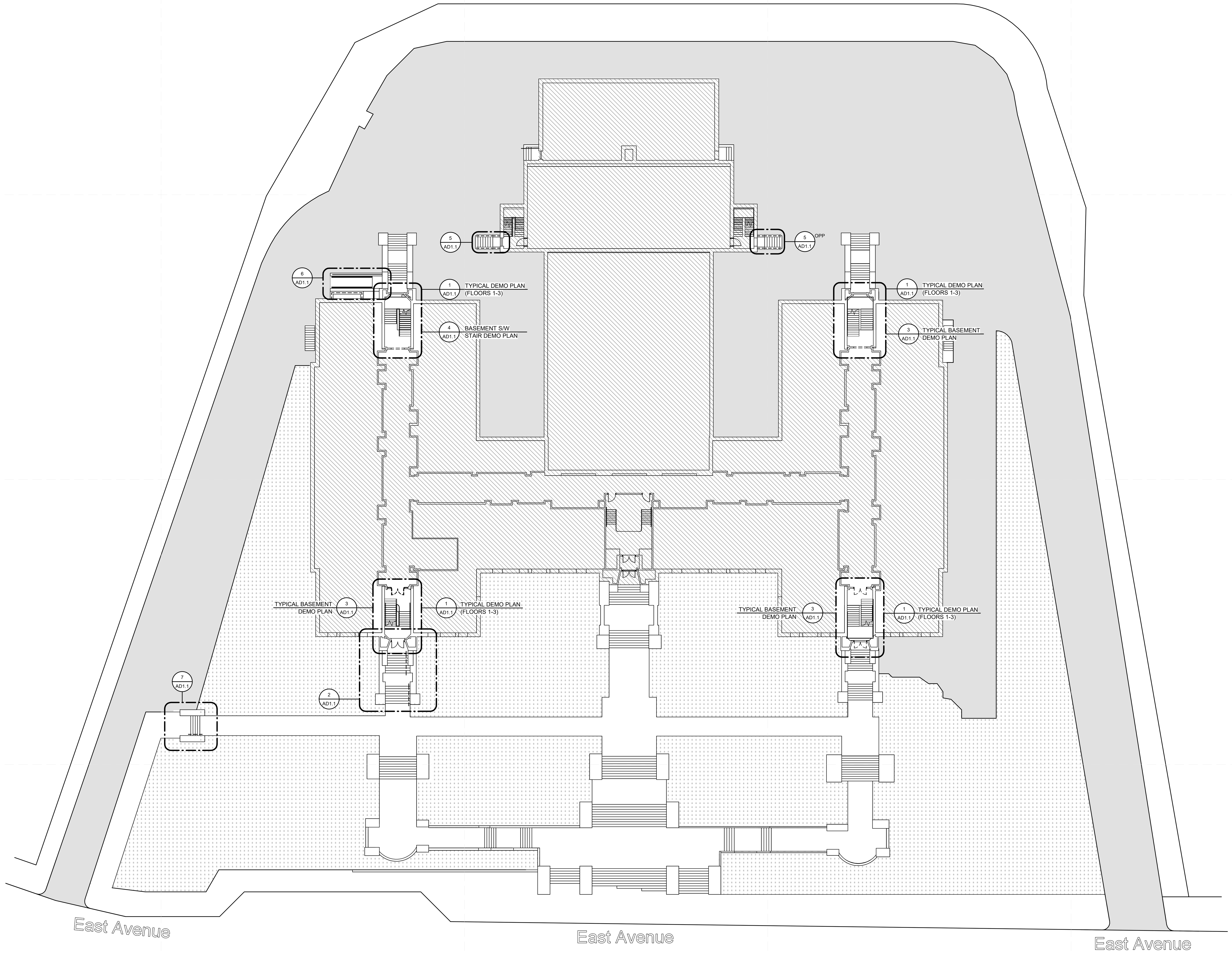
DESIGN	DRAWN BY	CHECKED BY
TK	MM	SLH

SCALE
NA

TITLE
ARCH GENERAL NOTES AND SYMBOLS

NUMBER
A-0.0

485 EAST AVE
PAWTUCKET, RI, 02860
PLAT 650 LOT 562



1 DEMO KEY PLAN
1" = 20'-0"

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KEY PLAN

SEAL

ERIC RUSSELL ARMY
STATE of RHODE ISLAND
No. 3870
HOPE
ARCHITECT

PROJECT
CHARLES E. SHEA
HIGH SCHOOL
FIRE/LIFE SAFETY
UPGRADES

ADDRESS
485 EAST AVENUE, PAWTUCKET RI 02860

PROJECT NO
JH: 1EBJ00023.000 / SWA: 2422

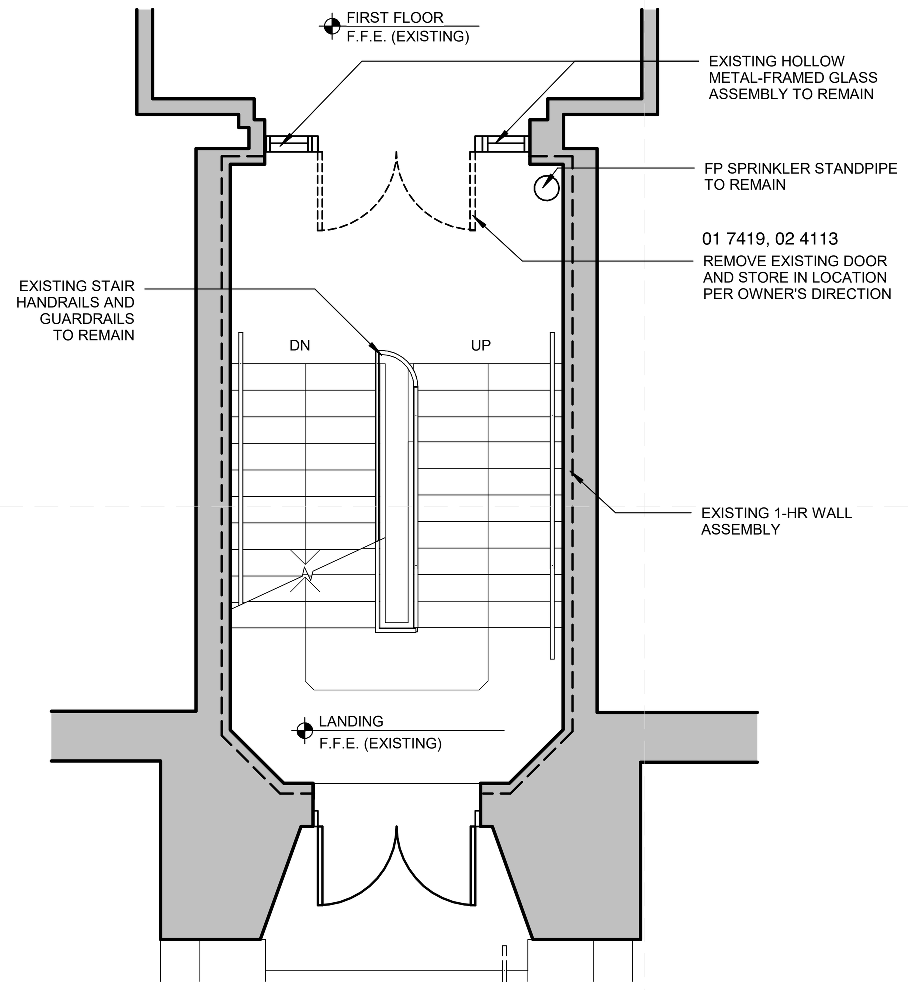
DATE
DECEMBER 4, 2024

DESIGN	DRAWN BY	CHECKED BY
TK	MM	SLH

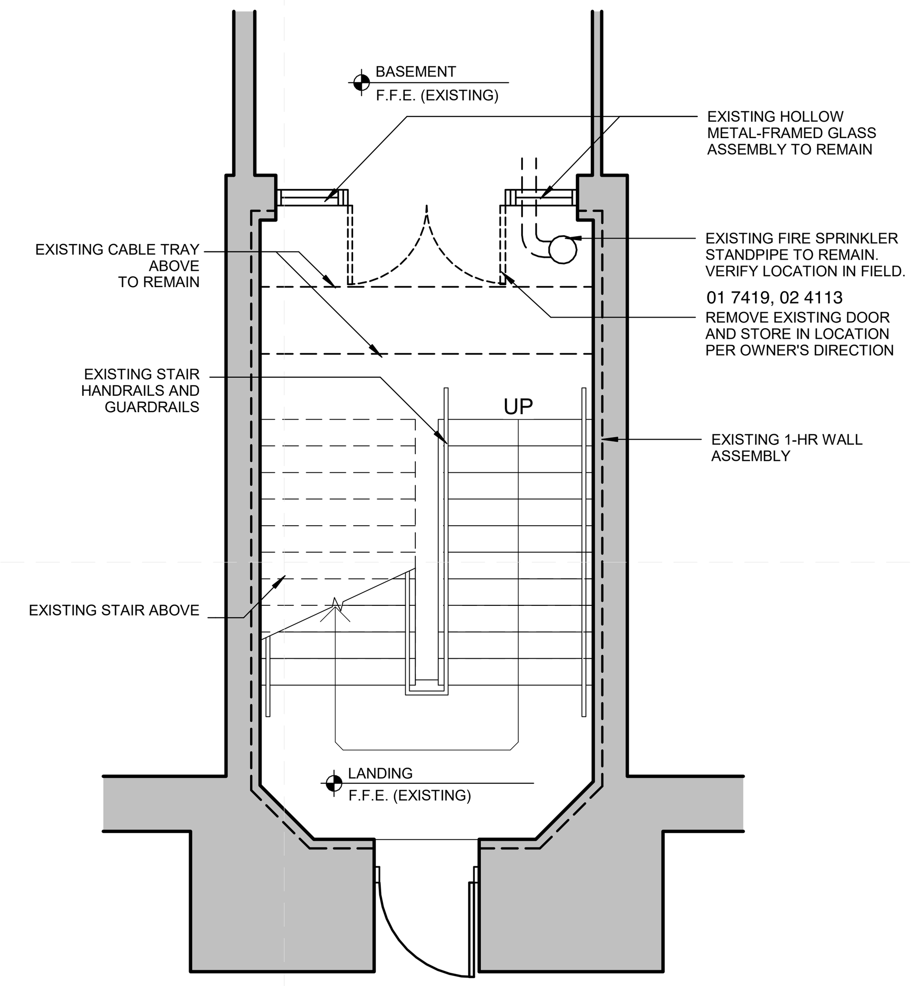
SCALE
1" = 20'-0"

TITLE
DEMO KEY PLAN

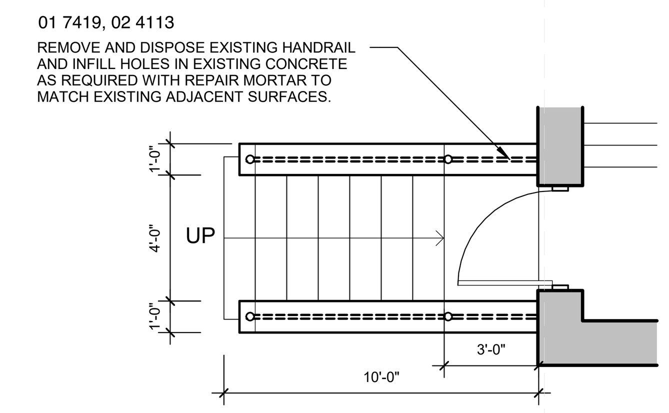
NUMBER
AD-1.0



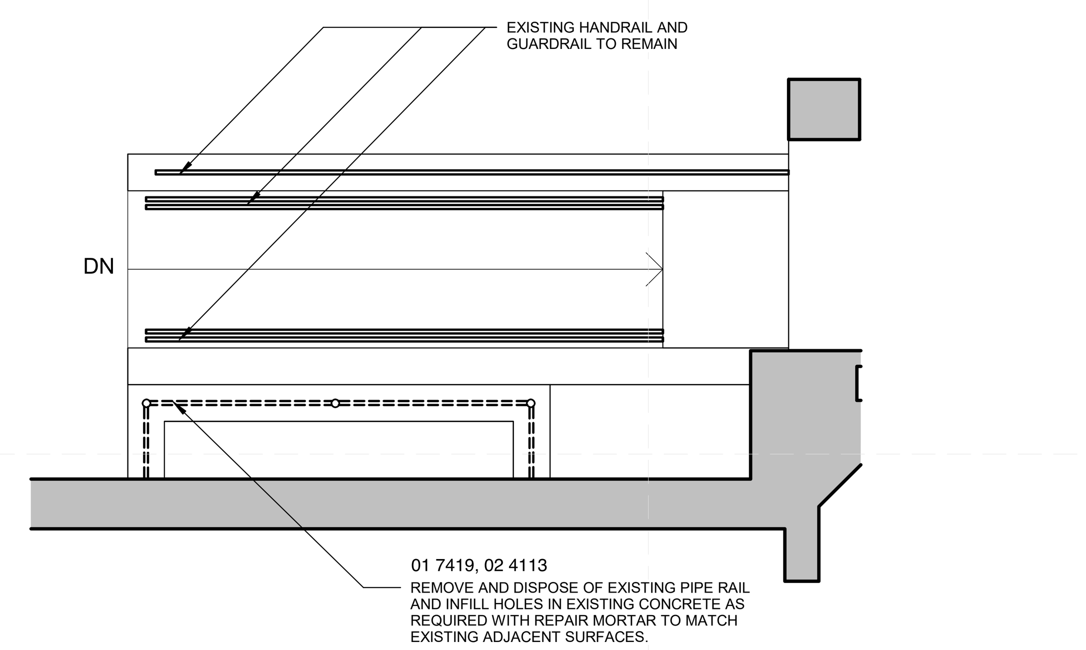
1 TYPICAL STAIR DEMO PLAN - FLOORS 1-3
1/4" = 1'-0"



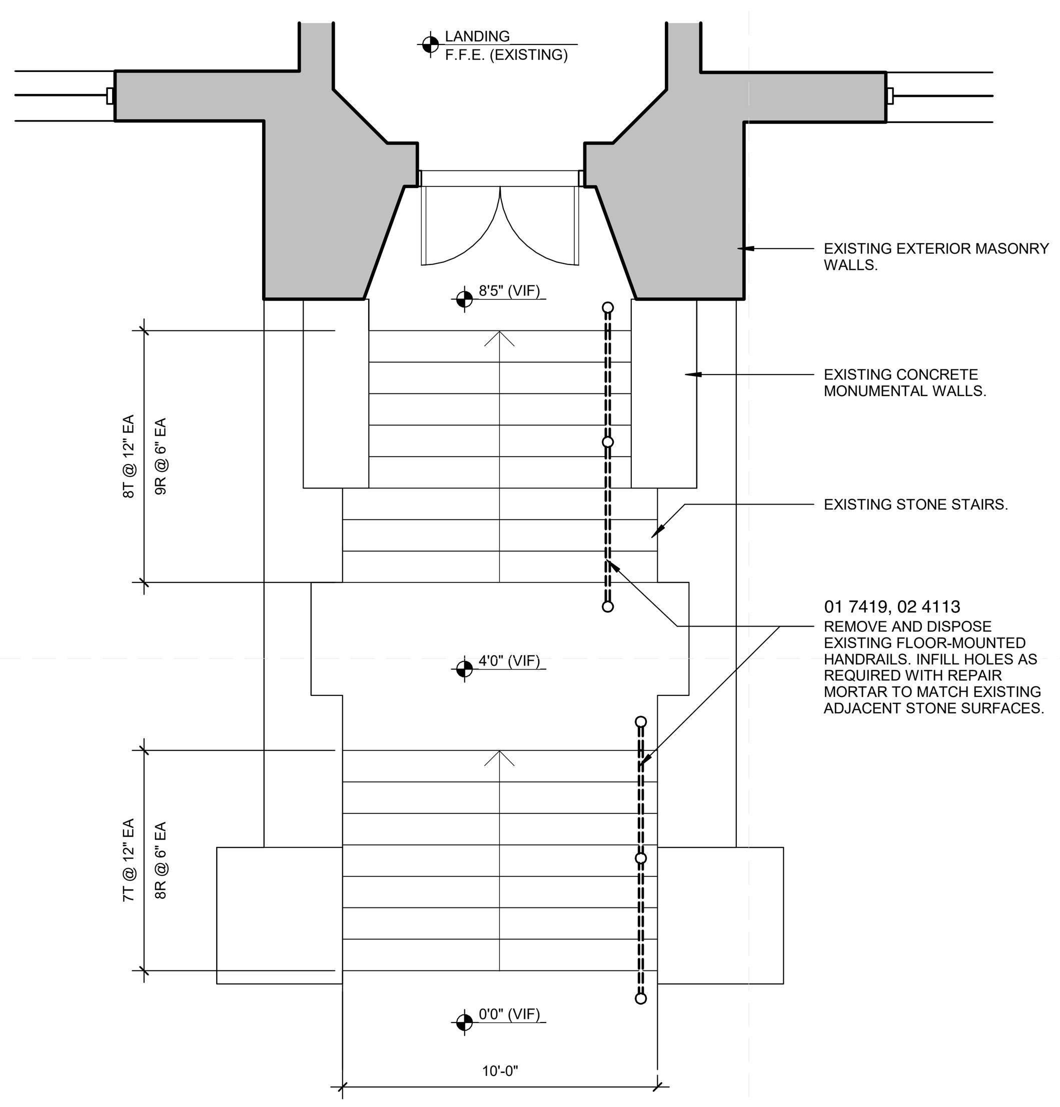
3 TYPICAL BASEMENT STAIR DEMO PLAN
1/4" = 1'-0"



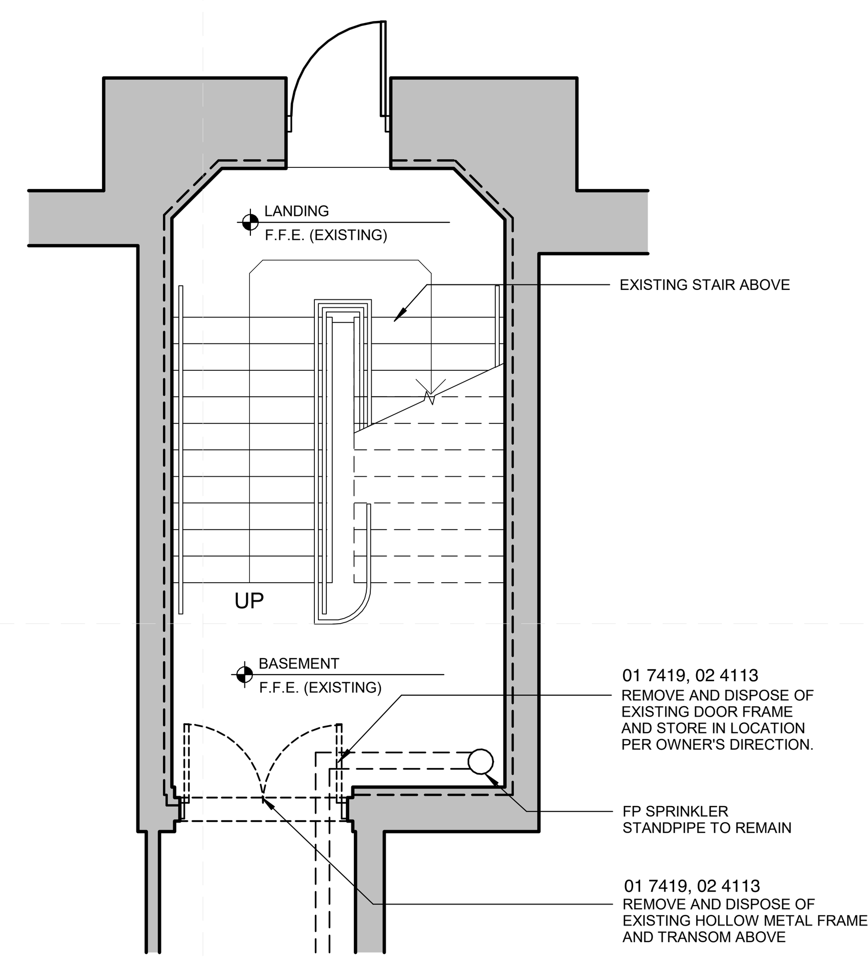
5 EXTERIOR STAIR
1/4" = 1'-0"



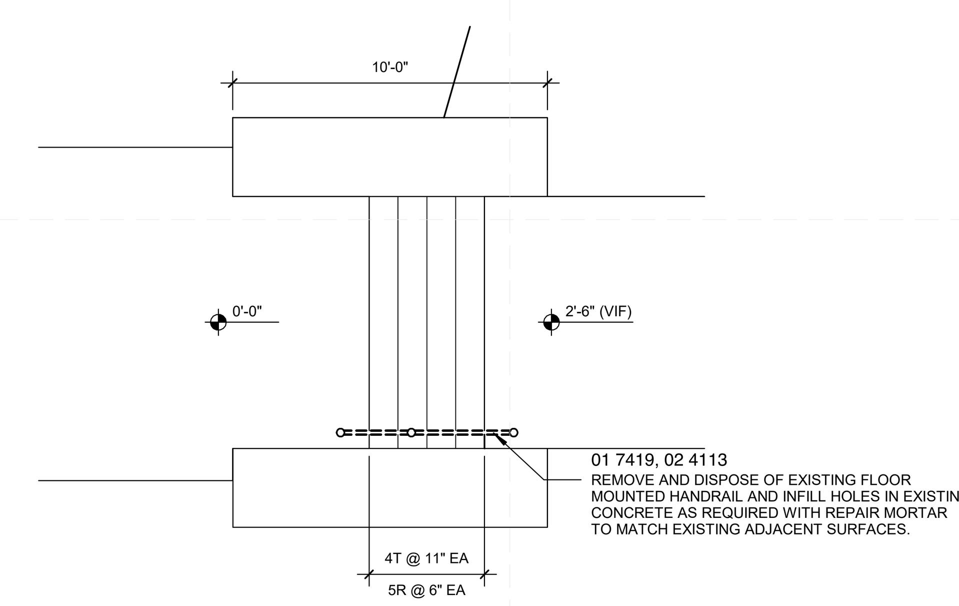
6 EXTERIOR RAMP AT SOUTH/WEST SIDE DEMO PLAN
1/4" = 1'-0"



2 EXTERIOR STAIR DEMO PLAN
1/4" = 1'-0"



4 BASEMENT S/W STAIR DEMO PLAN
1/4" = 1'-0"



7 SOUTH EXTERIOR STAIR DEMO PLAN
1/4" = 1'-0"

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1	BID DOCUMENTS	12/04/24

KEY PLAN

SEAL

ERIC RUSSELL ARMY
No. 3870
ARCHITECT

PROJECT
CHARLES E. SHEA HIGH SCHOOL FIRE/LIFE SAFETY UPGRADES

ADDRESS
485 EAST AVENUE, PAWTUCKET RI 02860

PROJECT NO
JH: 1EBJ00023.000 / SWA: 2422

DATE
DECEMBER 4, 2024

DESIGN	DRAWN BY	CHECKED BY
TK	MM	SLH

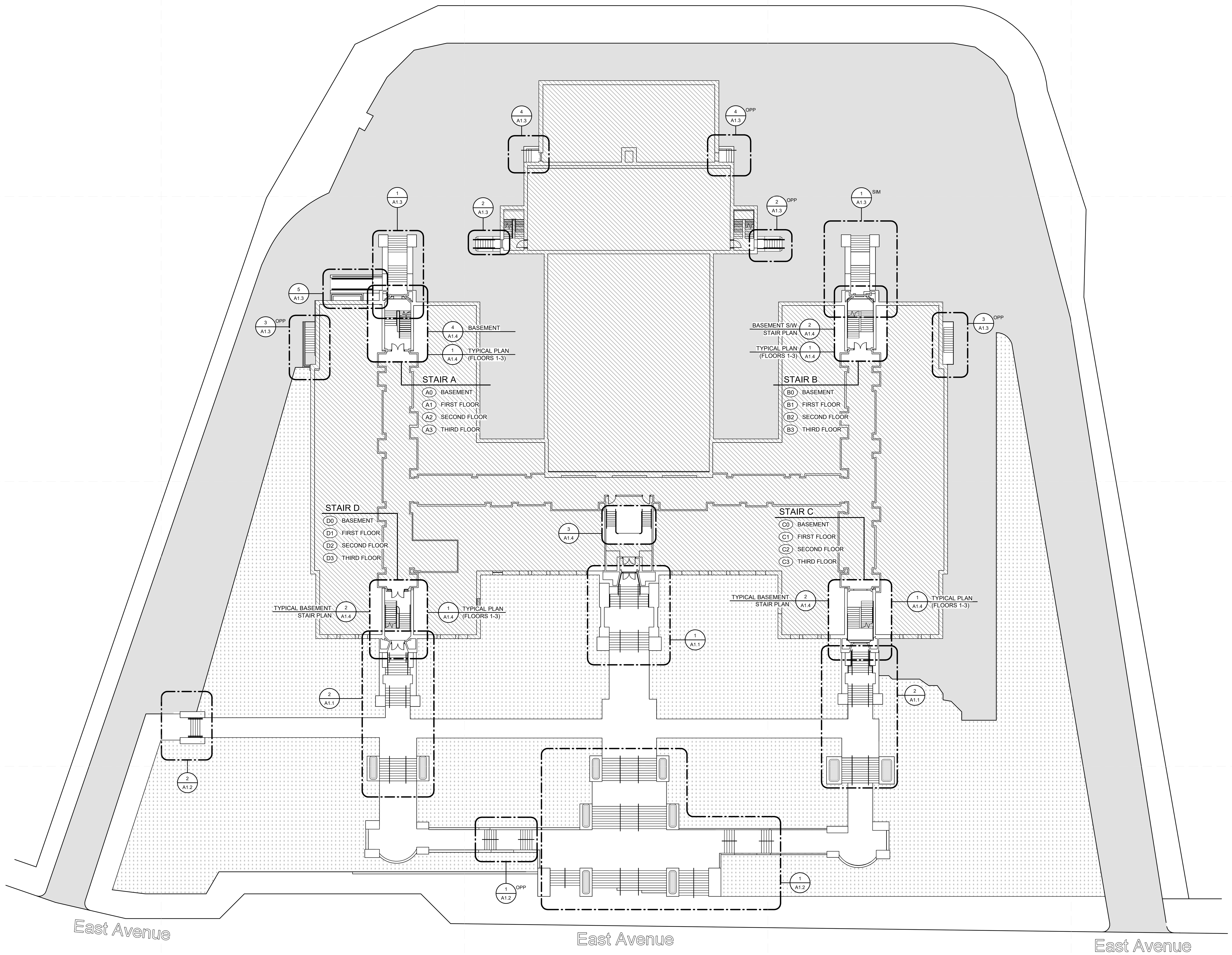
SCALE
1/4" = 1'-0"

TITLE
ENLARGED DEMO PLANS

NUMBER
AD-1.1

SHEET
9 of 18

485 EAST AVE
PAWTUCKET, RI, 02860
PLAT 650 LOT 562



1 PROPOSED KEY PLAN
1" = 20'-0"

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KEY PLAN

NORTH

SEAL

ERIC RUSSELL ARMY
STATE of RHODE ISLAND
No. 3870
HOPE
ARCHITECT

PROJECT
CHARLES E. SHEA
HIGH SCHOOL
FIRE/LIFE SAFETY
UPGRADES

ADDRESS
485 EAST AVENUE, PAWTUCKET RI 02860

PROJECT NO
JH: 1EBJ00023.000 / SWA: 2422

DATE
DECEMBER 4, 2024

DESIGN	DRAWN BY	CHECKED BY
TK	MM	SLH

SCALE
1" = 20'-0"

TITLE
FIRE PROTECTION
NOTES, SYMBOLS,
& DETAILS

NUMBER
A-1.0

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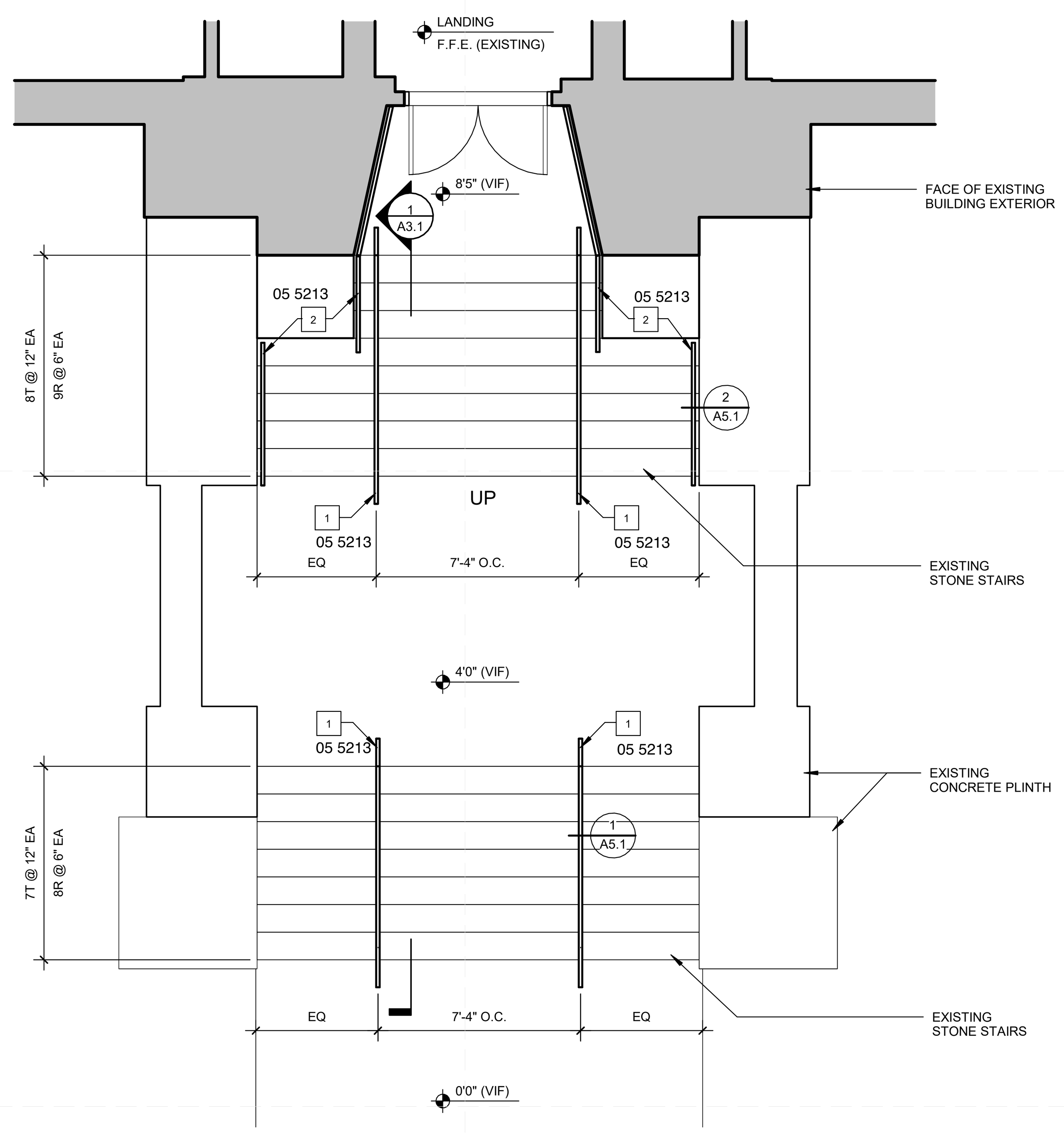
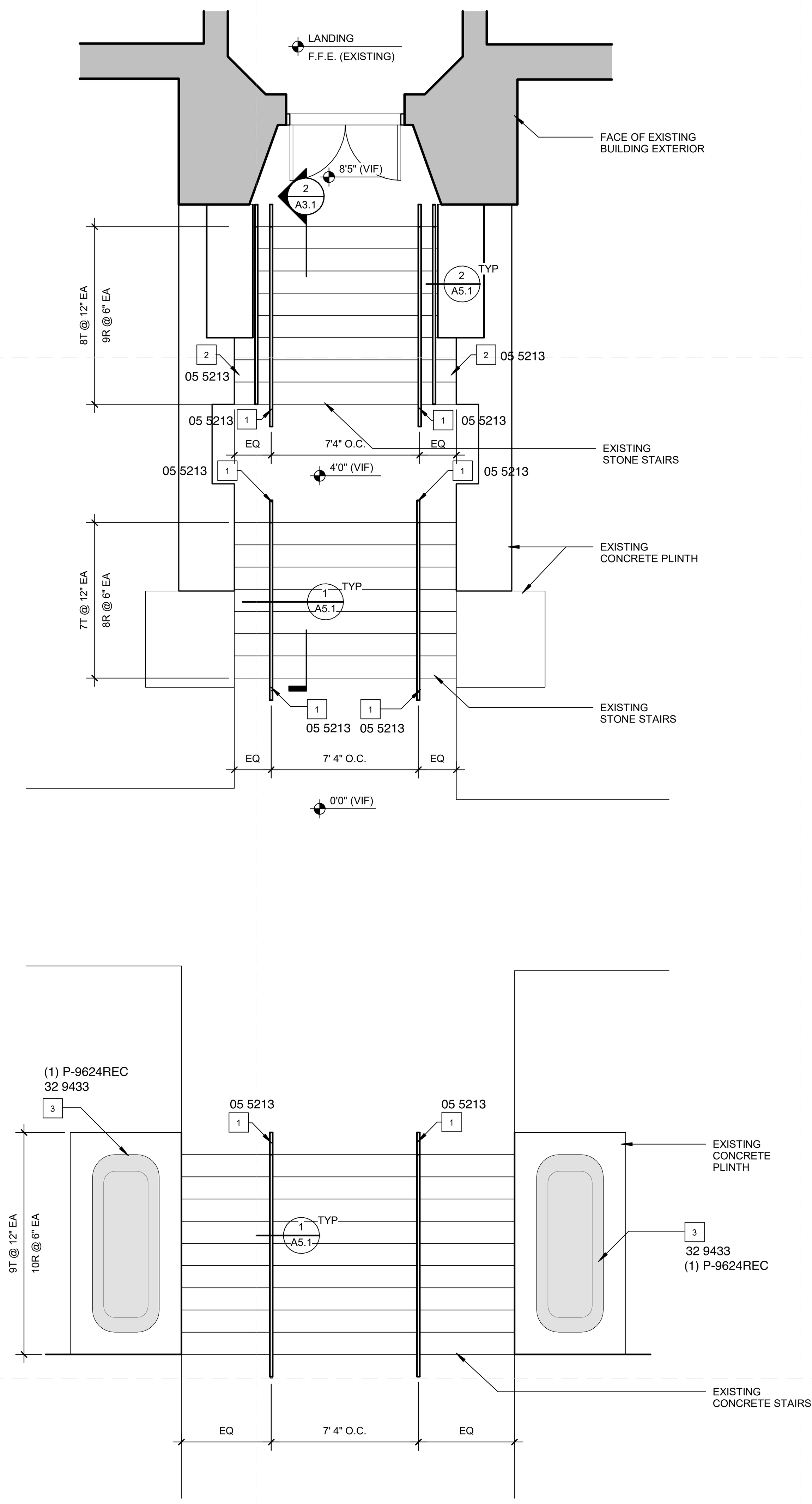


1 EAST MONUMENTAL STAIR AT MAIN ENTRY
1/4" = 1'-0"



2 EAST MONUMENTAL STAIRS AT PRIMARY EXITS
1/4" = 1'-0"

PROPOSED KEY NOTES	
1	NEW FLOOR MOUNTED HANDRAIL: PAINTED GALVINIZED STEEL PIPE RAIL W/ INTERMEDIATE PIPE RAIL VERTICAL SUPPORTS AS REQUIRED.
2	NEW PAINTED GALVINIZED STEEL FLOOR MOUNTED GUARDRAIL
3	NEW CONCRETE PLANTER.
4	PAINT EXISTING HANDRAIL AND/OR GUARDRAIL.
5	REPAIR EXISTING ALUMINUM GUARDRAIL AS REQUIRED.
6	PROVIDE NEW PAINTED STEEL GUARDRAIL EXTENSION ON TOP OF EXISTING HANDRAIL.
7	NEW PAINTED STEEL GUARDRAIL WITH METAL MESH PANELS; SEE A5.2 FOR DETAILS AND ELEVATIONS.
8	NEW PAINTED STEEL HANDRAIL MOUNTED OFF NEW GUARDRAIL.
9	NEW 1-HR RATED ASSEMBLY BEHIND EXISTING SIDE LIGHTS AND TRANSOM: SEE DETAIL 6/A1.4
10	NEW 60-MINUTE FIRE RATED DOOR AND FRAME ON HOLD-OPENS. NEW DOOR TO HAVE VISION PANEL W/ 60-MINUTE FIRE RATED GLASS AND SIMULATED DIVIDING LITES TO MATCH EXISTING REMOVED DOOR.
11	INFILL OPENING ABOVE NEW DOOR WITH 1-HR RATED GWB WALL ASSEMBLY (SEE 6/A1.4)

NO.	REVISION	DATE
1	BID DOCUMENTS	12/04/24

KEY PLAN

NORTH

SEAL

ERIC RUSSELL ARMY
No. 3870
ARCHITECT

PROJECT
CHARLES E. SHEA
HIGH SCHOOL
FIRE/LIFE SAFETY
UPGRADES

ADDRESS
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JH: 1EBJ00023.000 / SWA: 2422

DATE
DECEMBER 4, 2024

DESIGN	DRAWN BY	CHECKED BY
TK	MM	SLH

SCALE
1/4" = 1'-0"

TITLE
PROPOSED
ENLARGED
EXTERIOR STAIR
PLANS

NUMBER
A-1.1

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PROPOSED KEY NOTES	
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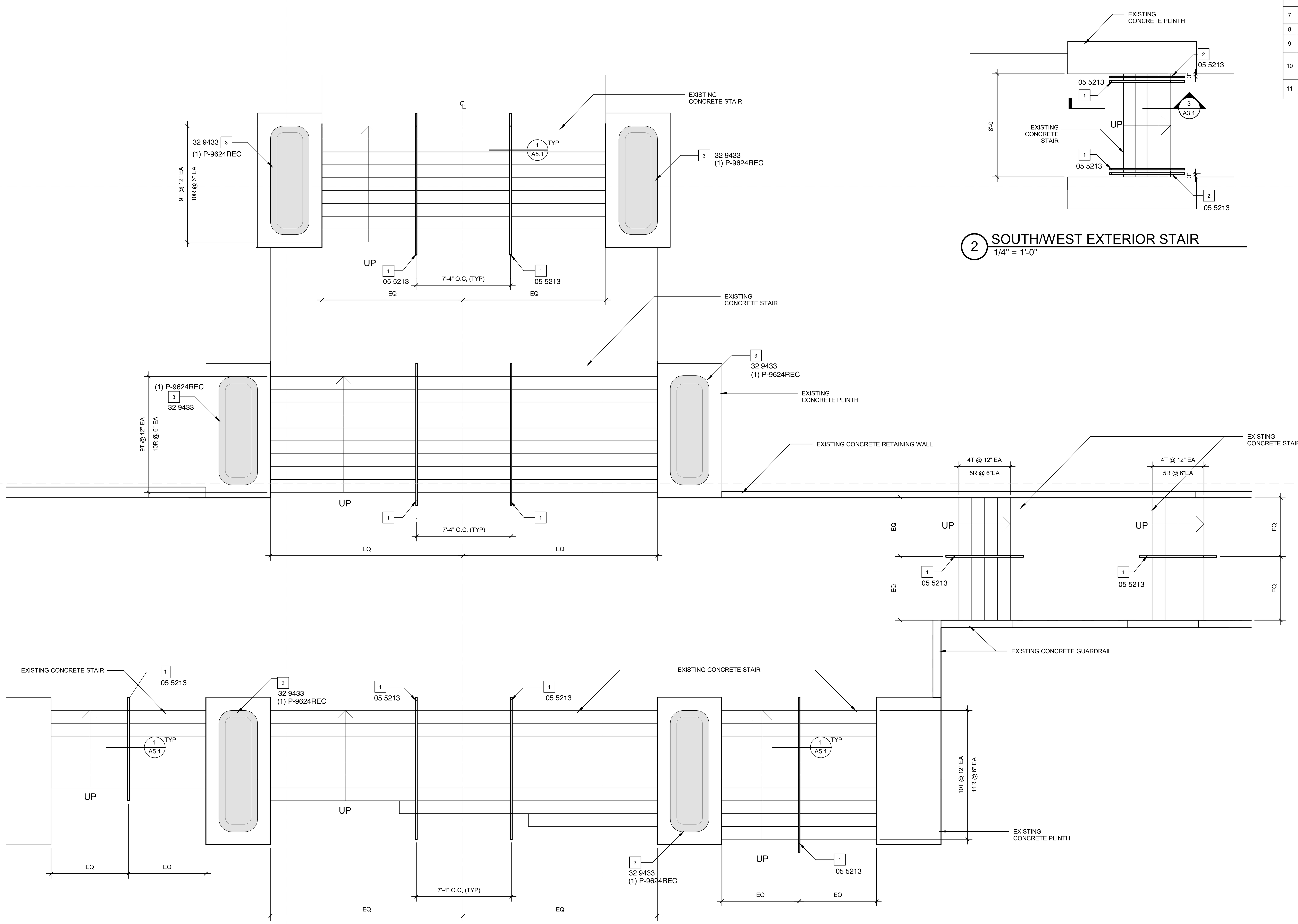


2 SOUTH/WEST EXTERIOR STAIR
1/4" = 1'-0"

1 EAST MONUMENTAL STAIRS AT STREET
1/4" = 1'-0"

NO.	REVISION	DATE
1	BID DOCUMENTS	12/04/24

KEY PLAN

SEAL

ERIC RUSSELL ARMY
STATE of RHODE ISLAND
No. 3870
HOPE
ARCHITECT

PROJECT

CHARLES E. SHEA
HIGH SCHOOL
FIRE/LIFE SAFETY
UPGRADES

ADDRESS
485 EAST AVENUE, PAWTUCKET RI 02860

PROJECT NO
JH: 1EBJ00023.000 / SWA: 2422

DATE
DECEMBER 4, 2024

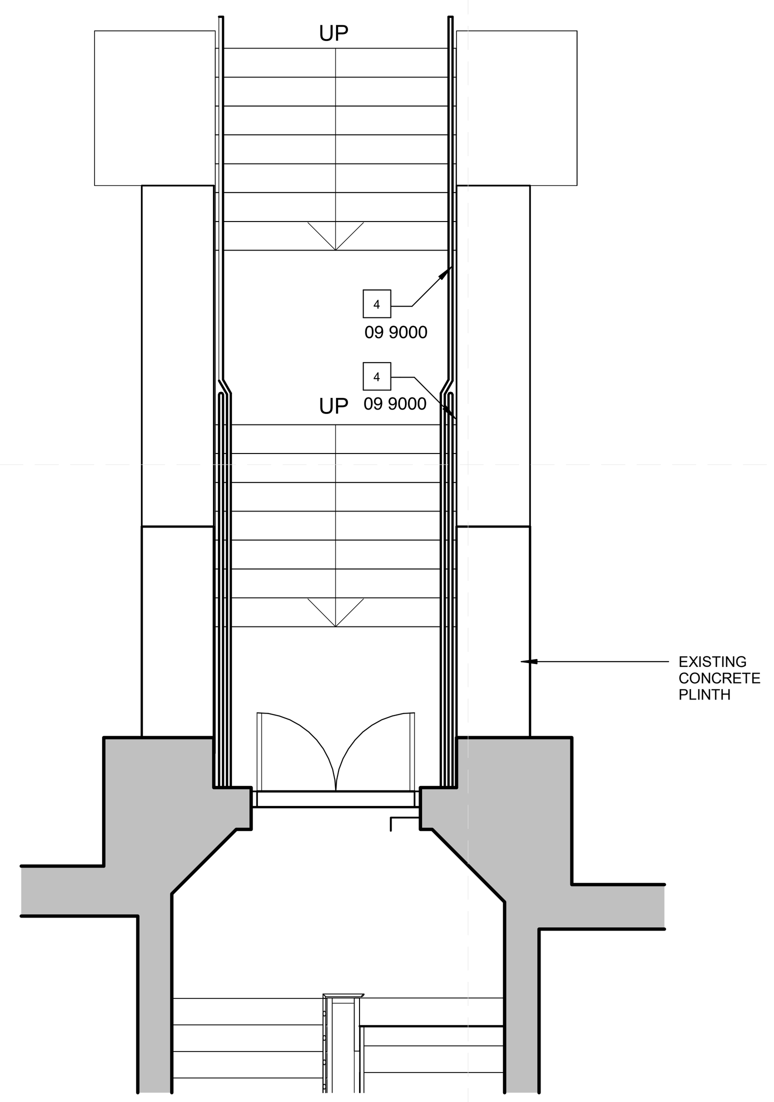
DESIGN	DRAWN BY	CHECKED BY
TK	MM	SLH

SCALE
1/4" = 1'-0"

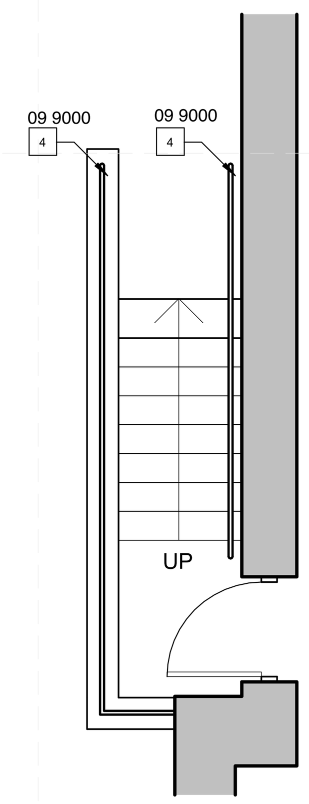
TITLE

PROPOSED
ENLARGED
EXTERIOR STAIR
PLANS

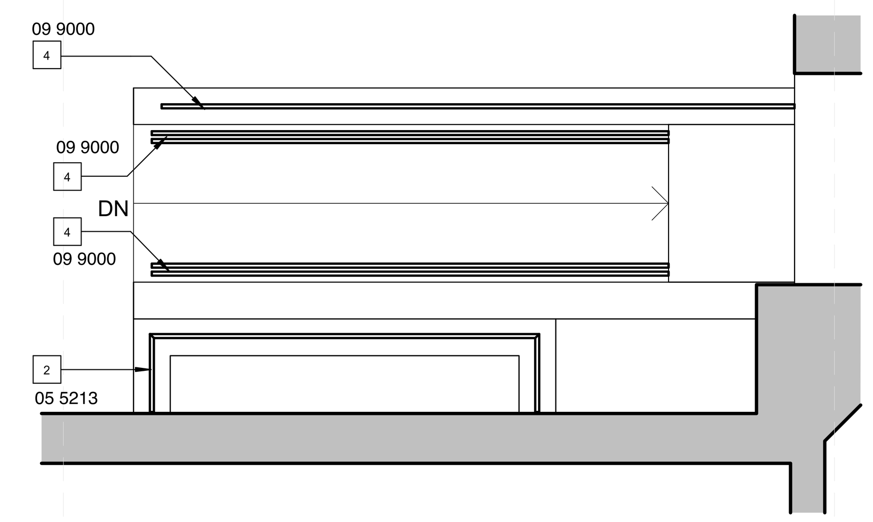
NUMBER
A-1.2



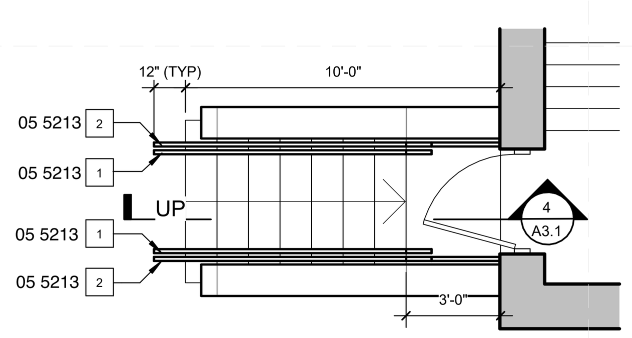
1 WEST STAIR AT PRIMARY EXIT
1/4" = 1'-0"



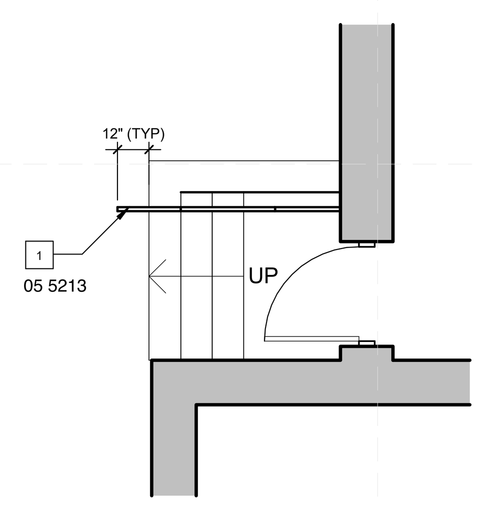
3 EXTERIOR STAIR
1/4" = 1'-0"



5 EXTERIOR RAMP AT SOUTH/WEST SIDE
1/4" = 1'-0"



2 EXTERIOR STAIR
1/4" = 1'-0"



4 EXTERIOR STAIR
1/4" = 1'-0"

PROPOSED KEY NOTES	
1	NEW FLOOR MOUNTED HANDRAIL: PAINTED GALVINIZED STEEL PIPE RAIL W/ INTERMEDIATE PIPE RAIL VERTICAL SUPPORTS AS REQUIRED.
2	NEW PAINTED GALVINIZED STEEL FLOOR MOUNTED GUARDRAIL
3	NEW CONCRETE PLANTER.
4	PAINT EXISTING HANDRAIL AND/OR GUARDRAIL.
5	REPAIR EXISTING ALUMINUM GUARDRAIL AS REQUIRED.
6	PROVIDE NEW PAINTED STEEL GUARDRAIL EXTENSION ON TOP OF EXISTING HANDRAIL.
7	NEW PAINTED STEEL GUARDRAIL WITH METAL MESH PANELS; SEE A5.2 FOR DETAILS AND ELEVATIONS.
8	NEW PAINTED STEEL HANDRAIL MOUNTED OFF NEW GUARDRAIL.
9	NEW 1-HR RATED ASSEMBLY BEHIND EXISTING SIDE LIGHTS AND TRANSOM: SEE DETAIL 6/A1.4
10	NEW 60-MINUTE FIRE RATED DOOR AND FRAME ON HOLD-OPENS. NEW DOOR TO HAVE VISION PANEL W/ 60-MINUTE FIRE RATED GLASS AND SIMULATED DIVIDING LITES TO MATCH EXISTING REMOVED DOOR.
11	INFILL OPENING ABOVE NEW DOOR WITH 1-HR RATED GWB WALL ASSEMBLY (SEE 6/A1.4)

JENSEN HUGHES
117 Metro Center Blvd
Suite 1002
Warwick, RI 02886-1776
O: 401-736-8992
www.jensenhughes.com

Signal Works

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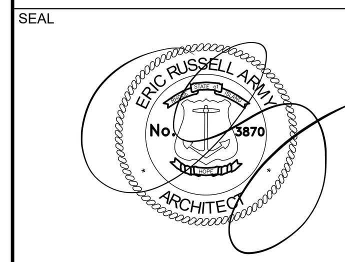
1	BID DOCUMENTS	12/04/24

KEY PLAN

NORTH

SEAL



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SCALE
1/4" = 1'-0"

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EXTERIOR STAIR
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NUMBER
A-1.3

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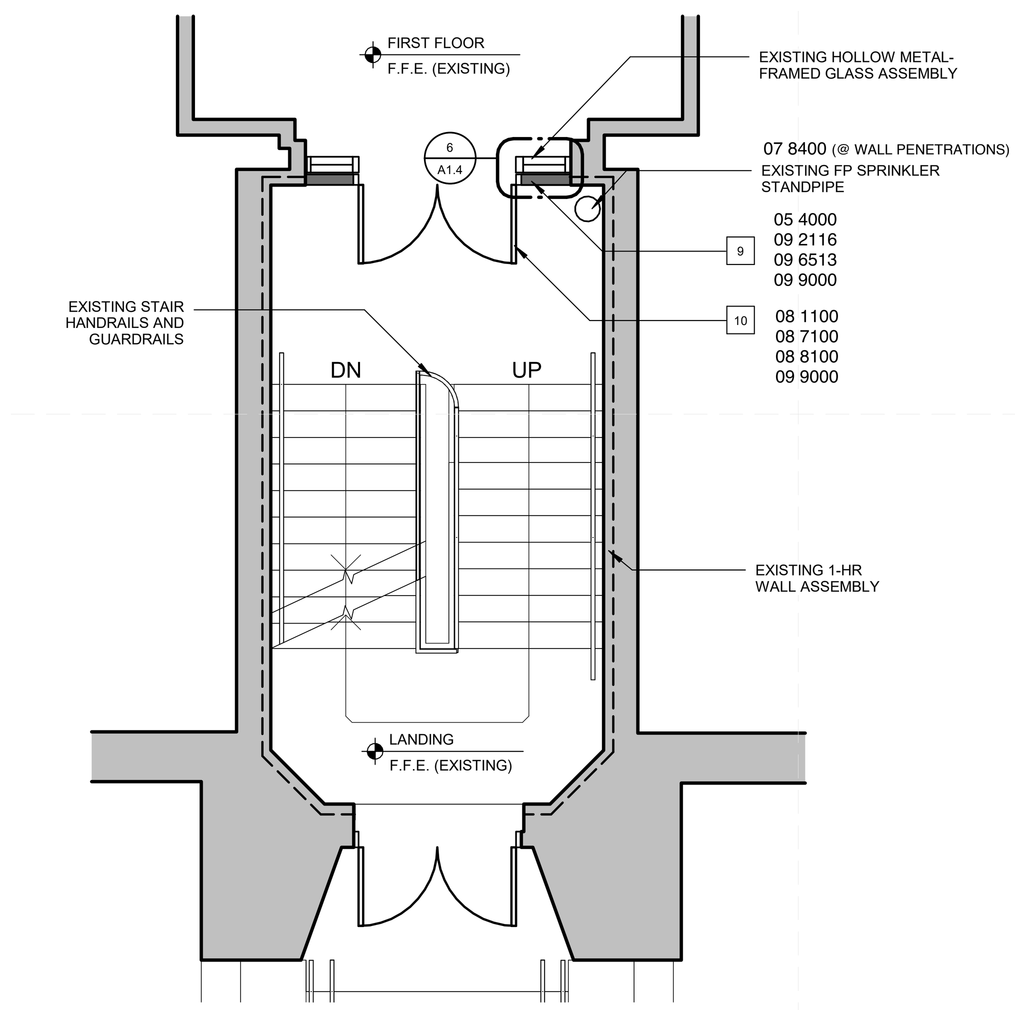
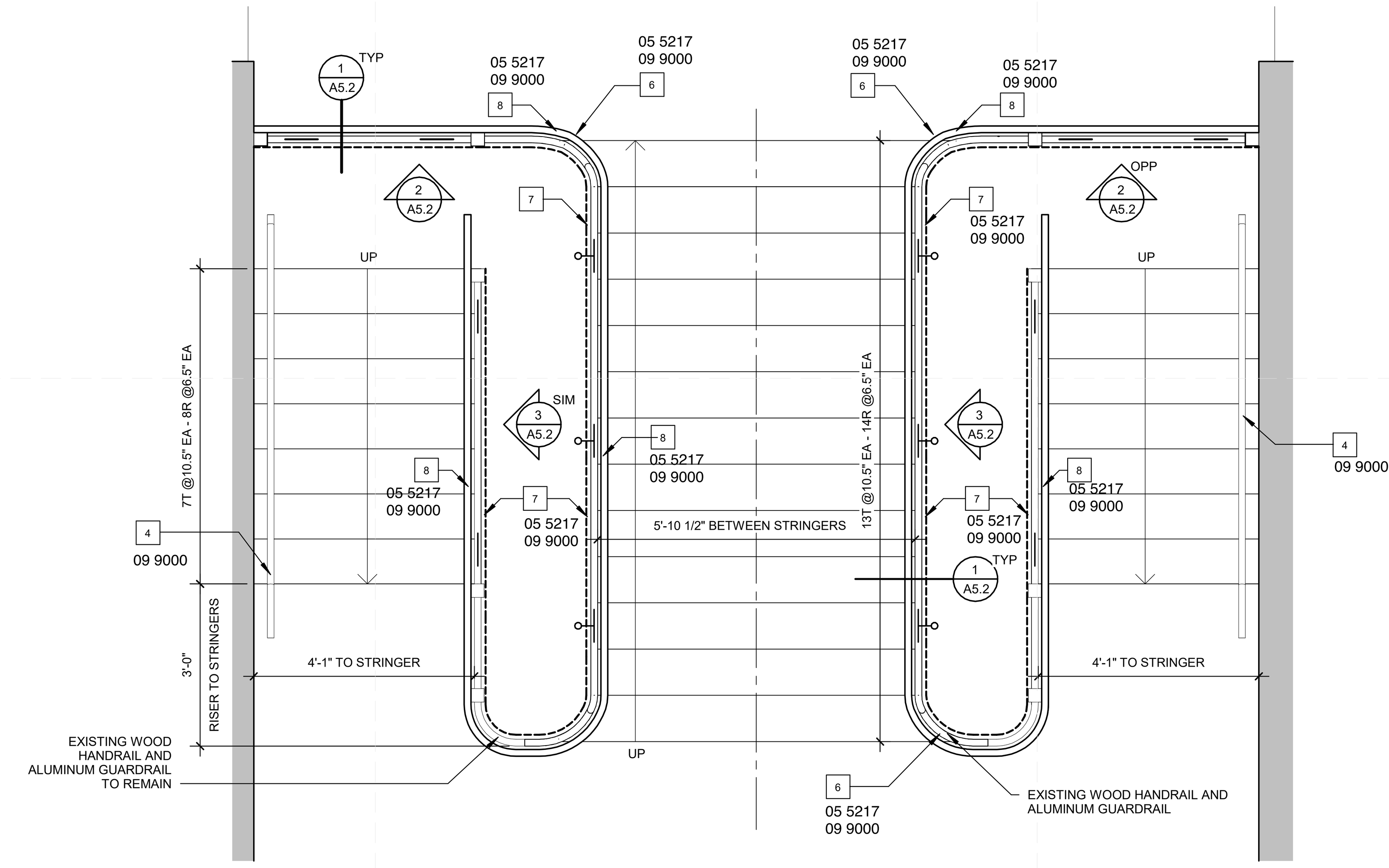
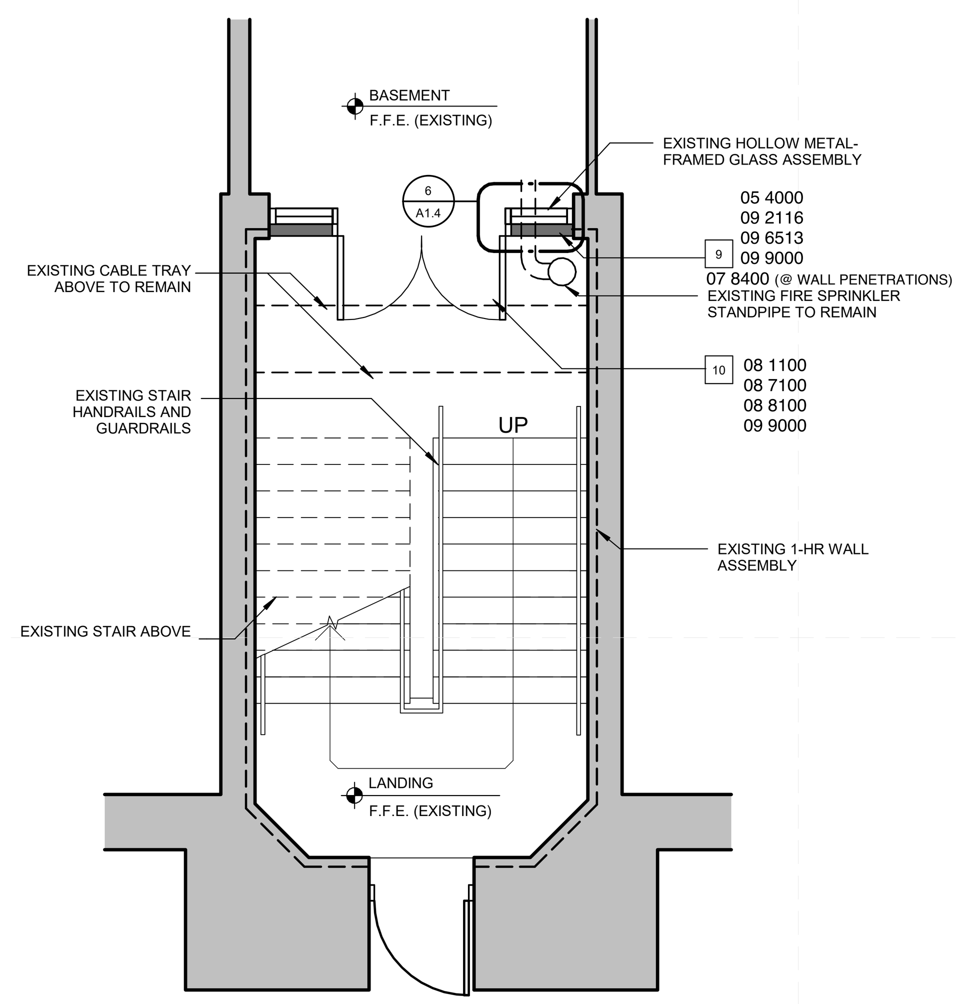


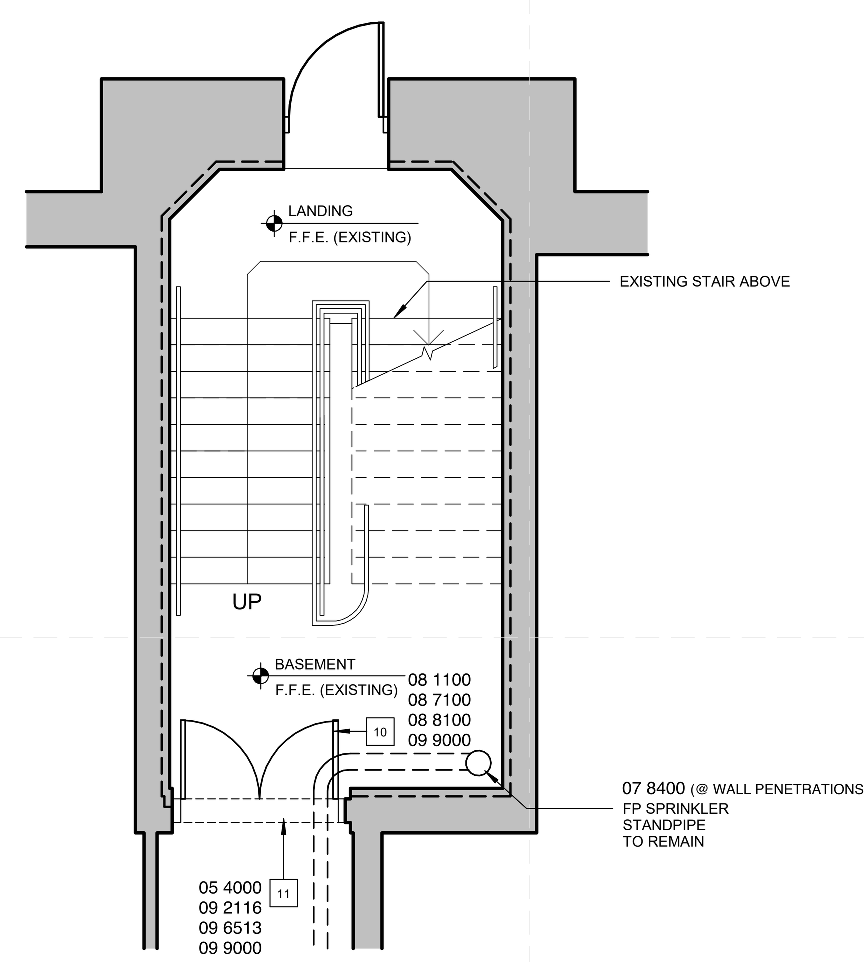
1 TYPICAL STAIR PLAN - FLOORS 1-3
1/4" = 1'-0"



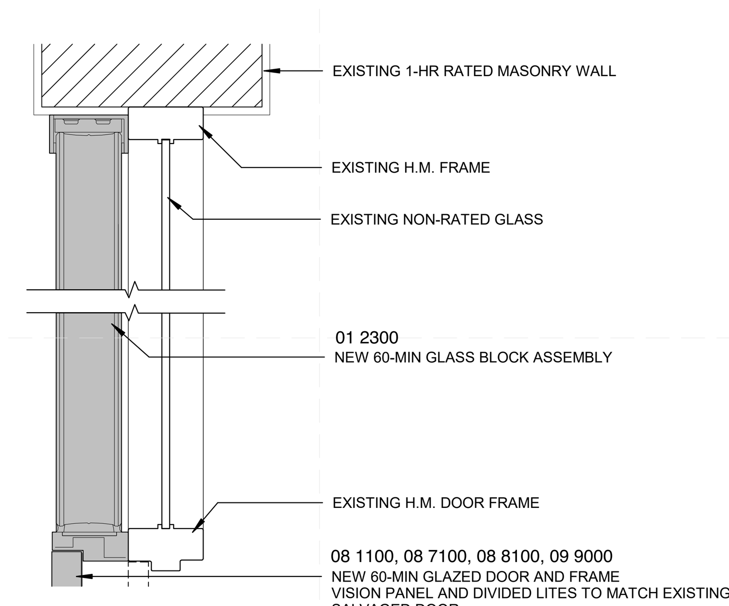
3 ENTRY STAIR PLAN
1/2" = 1'-0"



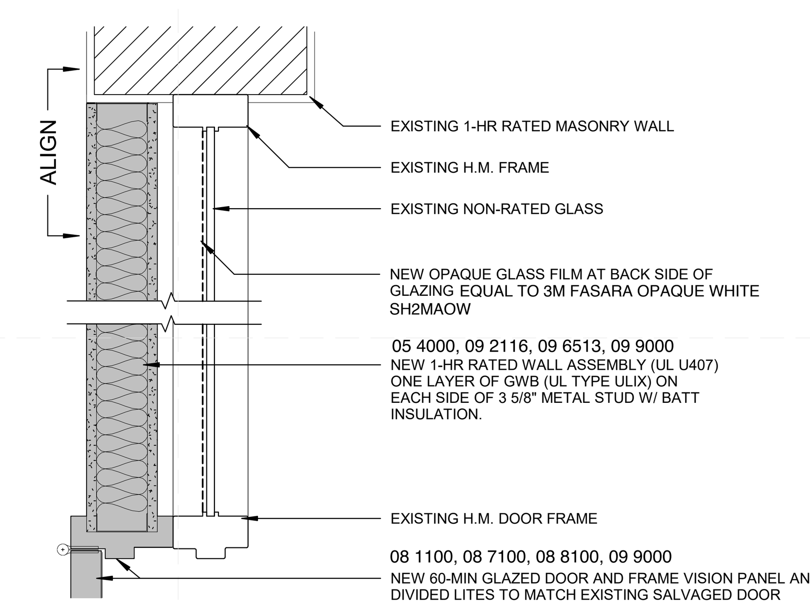
2 TYPICAL BASEMENT STAIR PLAN
1/4" = 1'-0"



4 BASEMENT S/W STAIR PLAN
1/4" = 1'-0"



5 PLAN DETAIL AT 60-MINUTE GLASS BLOCK ASSEMBLY
1 1/2" = 1'-0"



6 PLAN DETAIL AT 1-HR WALL ASSEMBLY
1 1/2" = 1'-0"

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AS NOTED

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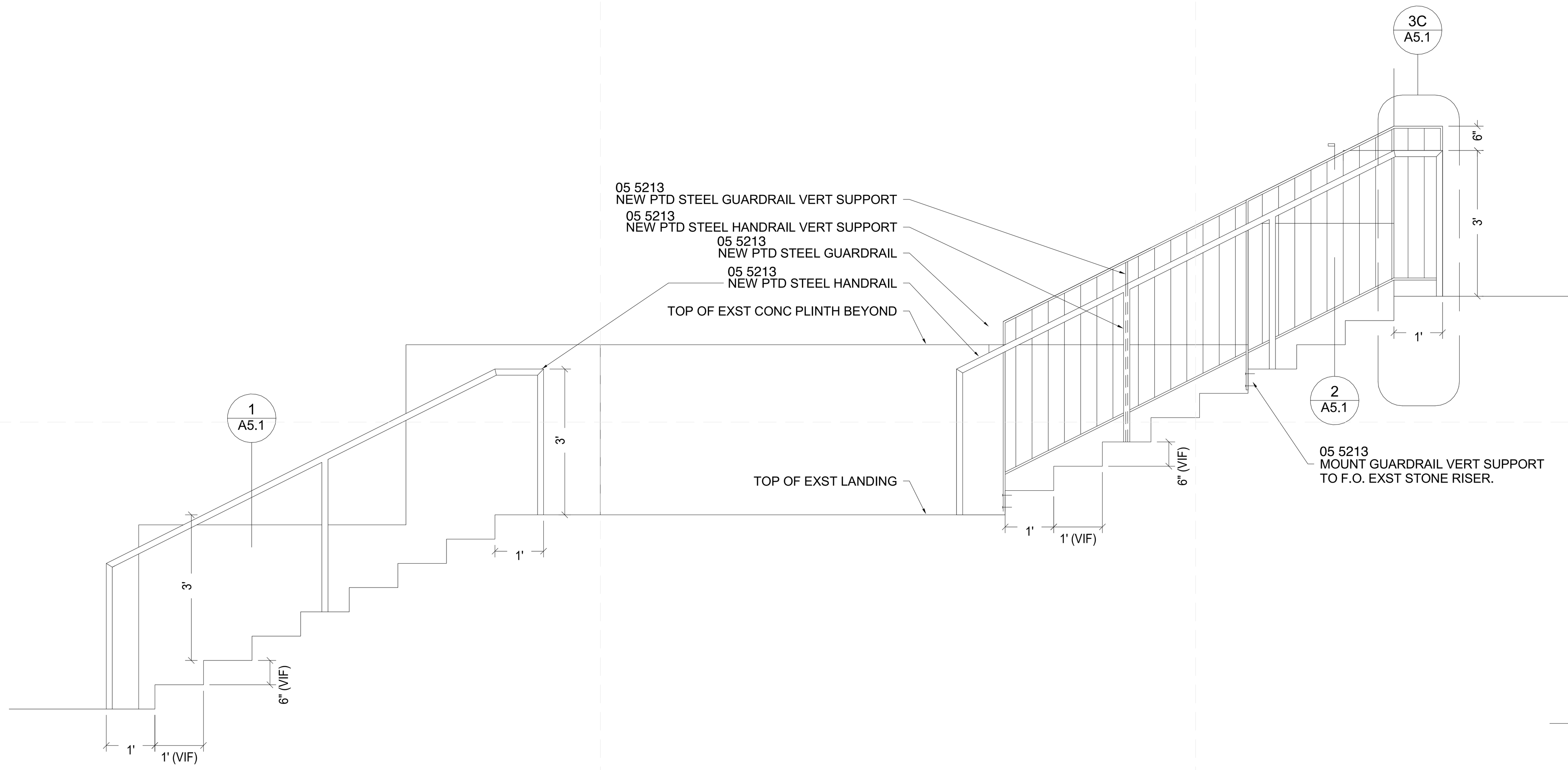
PROPOSED ENLARGED EXTERIOR STAIR PLANS

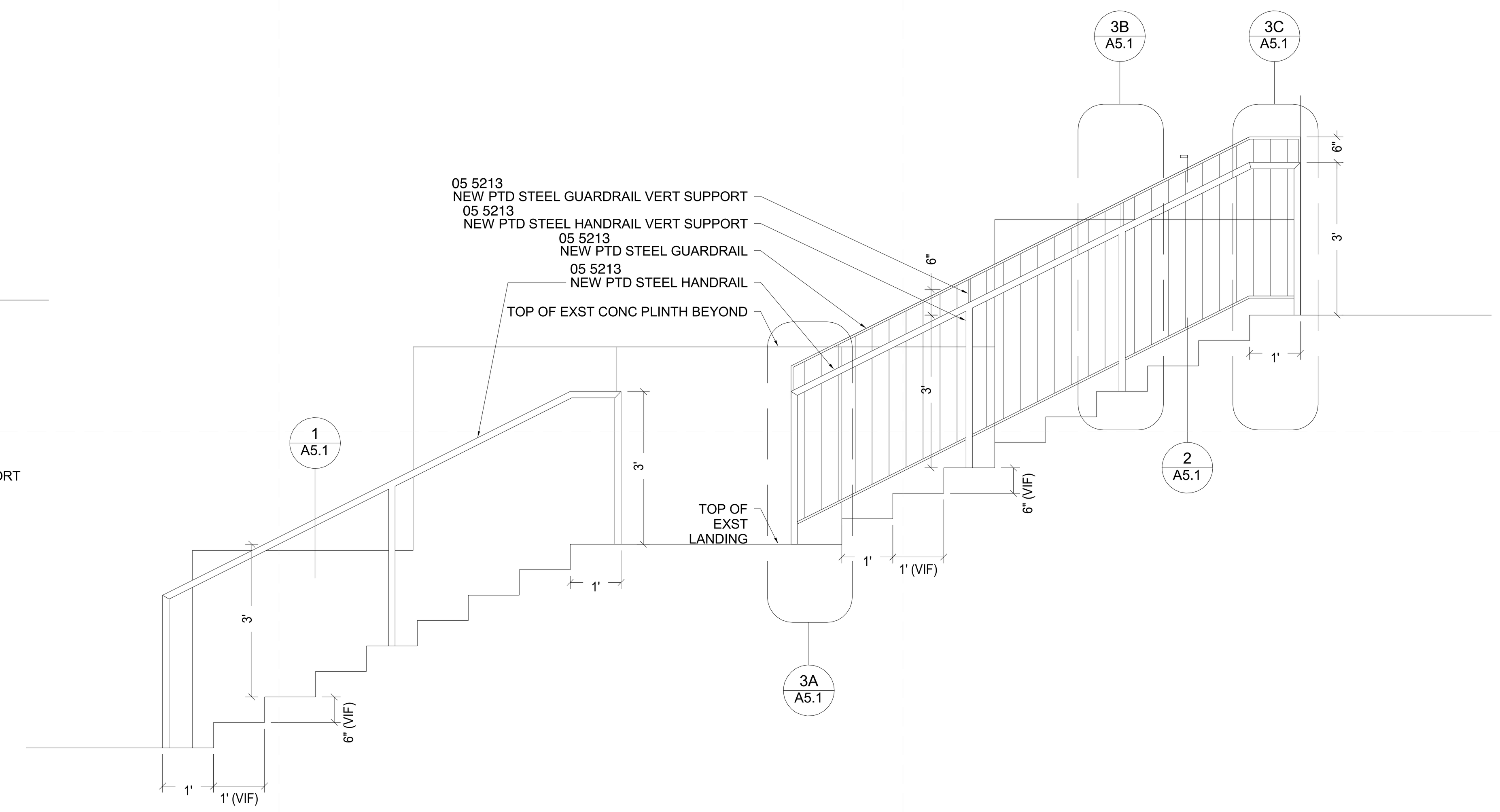
NUMBER
A-1.4



EAST MONUMENTAL STAIR AT MAIN ENTRY

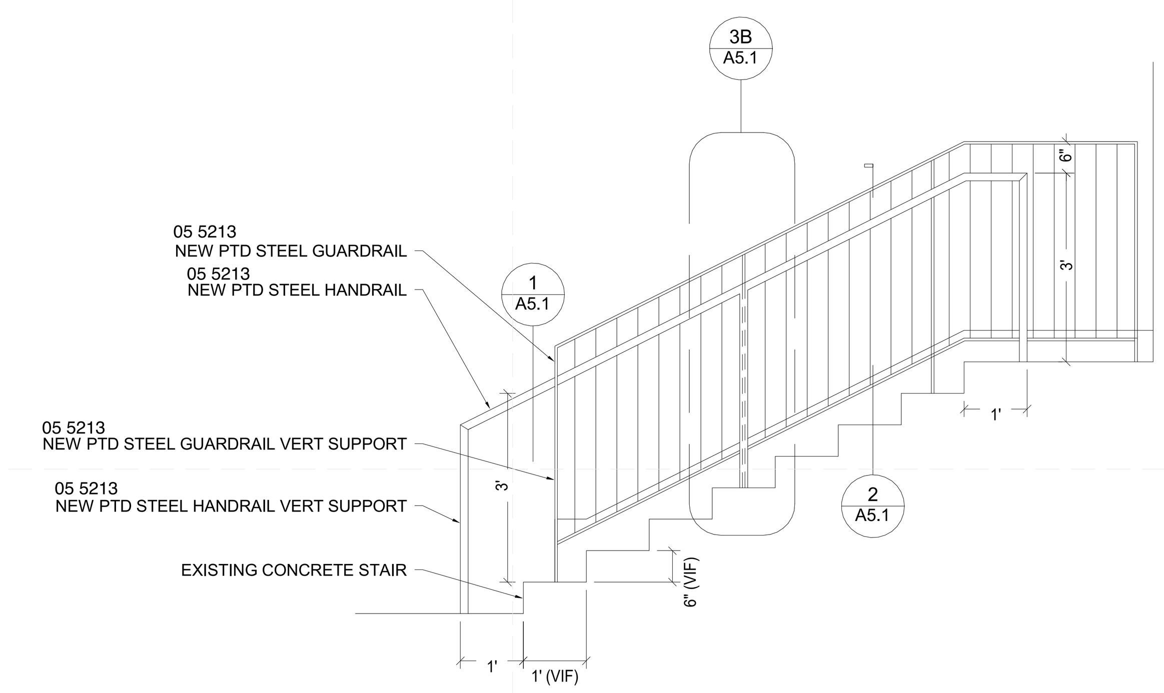
1 EXTERIOR HANDRAIL & GUARDRAIL ELEVATION

1/2" = 1'-0"



2 EXTERIOR HANDRAIL & GUARDRAIL ELEVATION

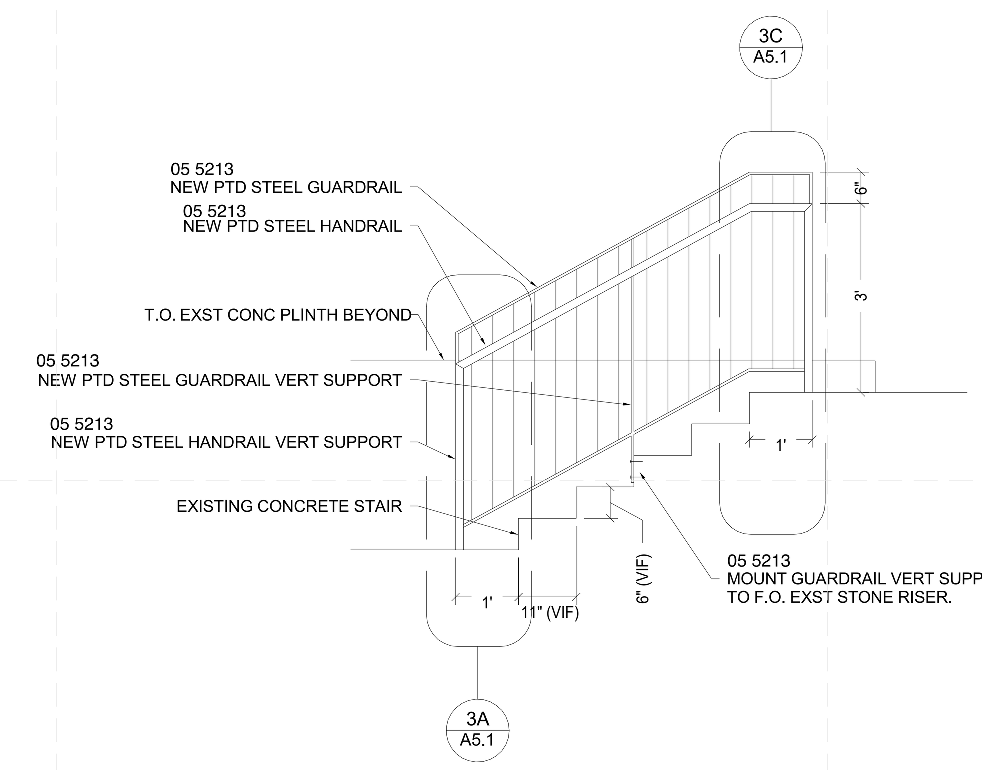
1/2" = 1'-0"



LOWER EAST MONUMENTAL STAIRS AT PRIMARY EXITS

3 EXTERIOR HANDRAIL & GUARDRAIL ELEVATION

1/2" = 1'-0"



4 EXTERIOR HANDRAIL & GUARDRAIL ELEVATION

1/2" = 1'-0"

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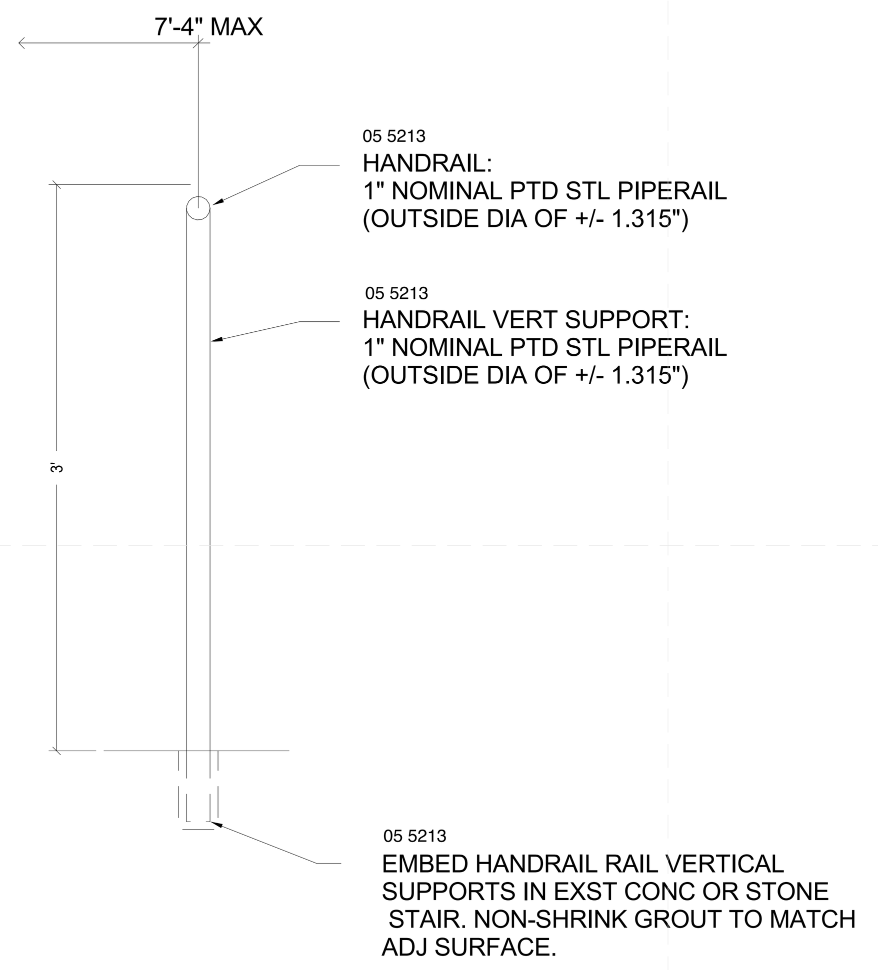
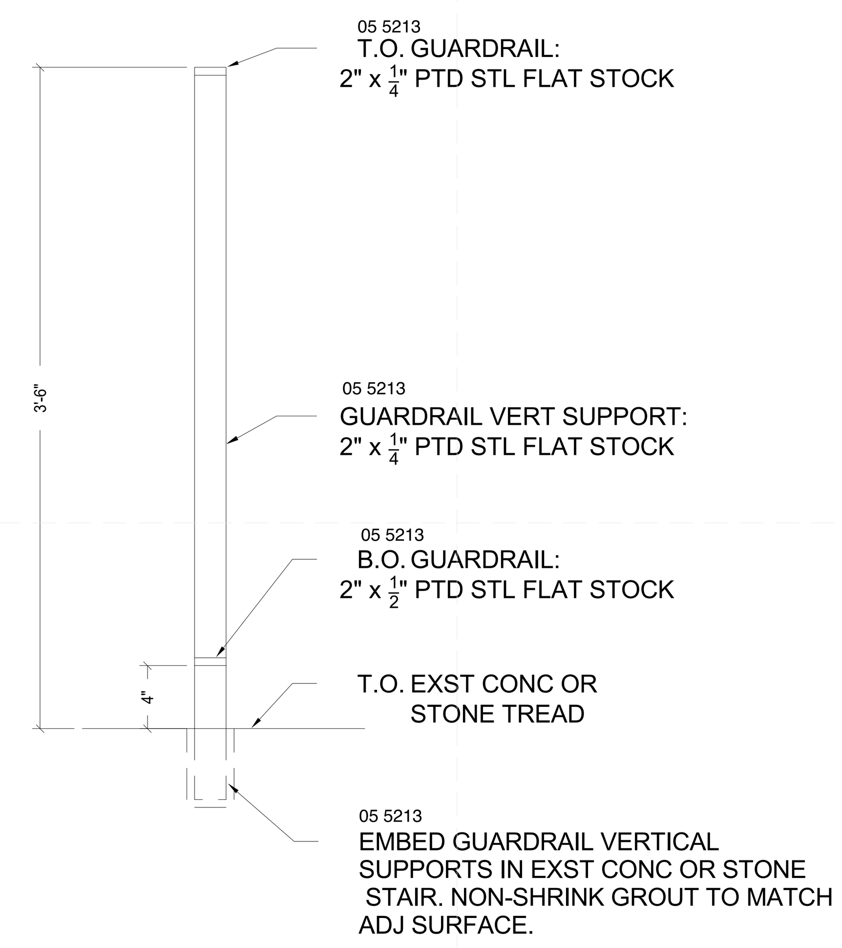
SCALE
1/2= 1'-0"

TITLE
EXERIOR
ELEVATIONS

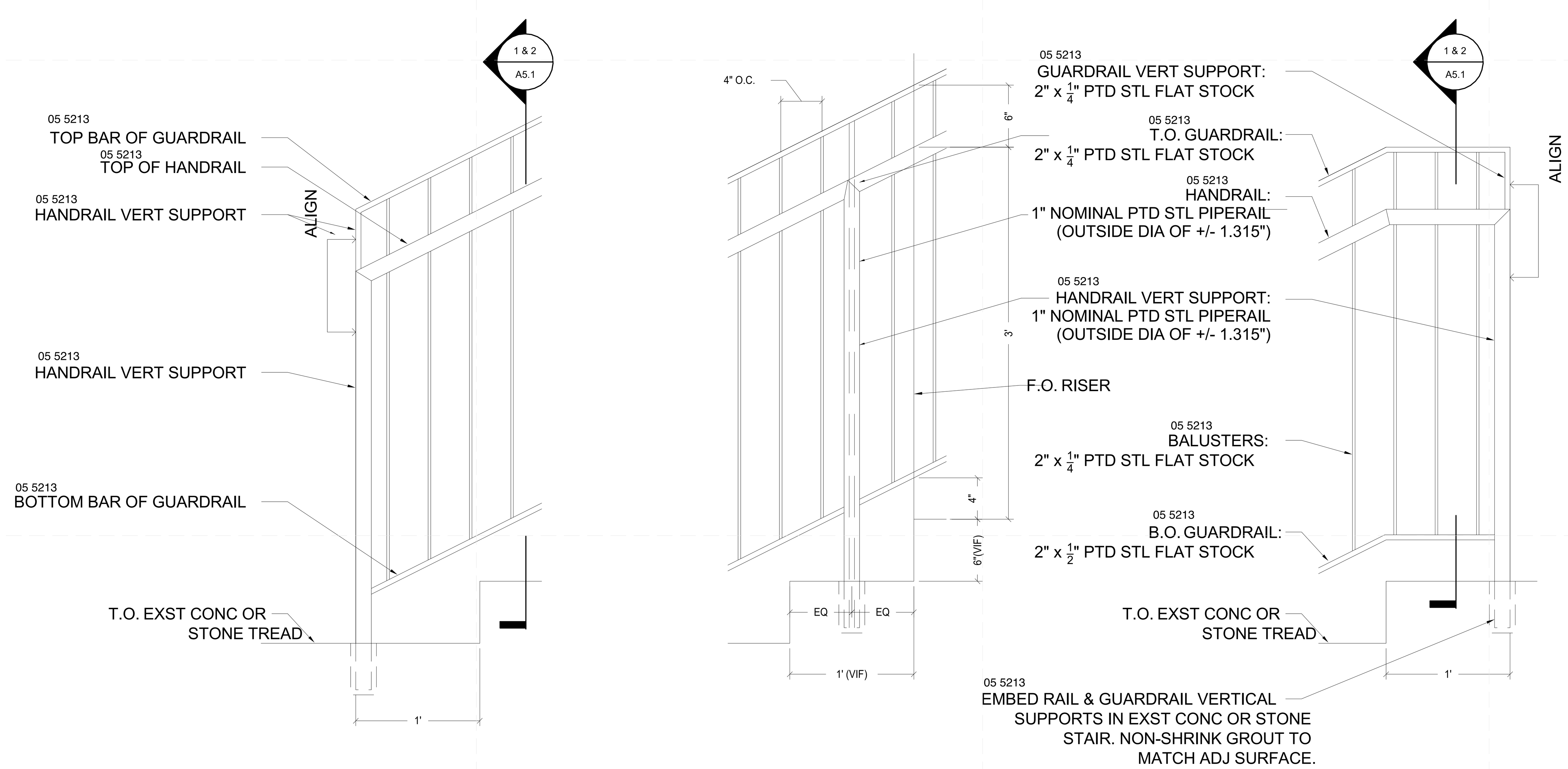
NUMBER
A-3.1



1 TYPICAL HANDRAIL SECTION
1 1/2" = 1'-0"



2 TYPICAL GUARDRAIL SECTION
1 1/2" = 1'-0"



A

B VERTICAL POST AT STAIR

C TOP END CONDITION

3 EXTERIOR HANDRAIL AND GUARDRAIL DETAIL
1 1/2" = 1'-0"

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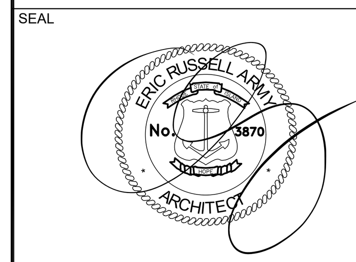

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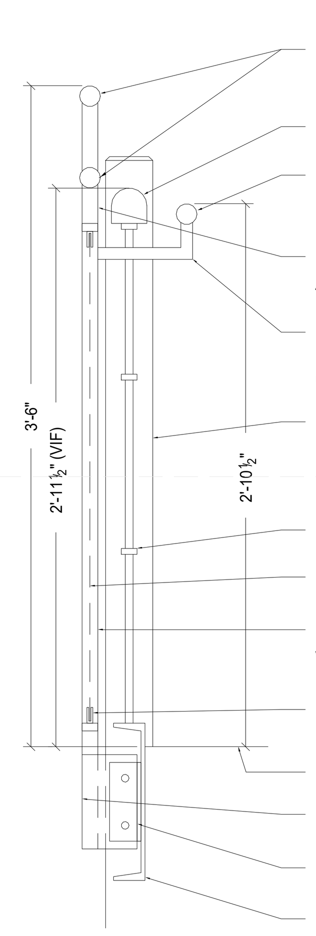
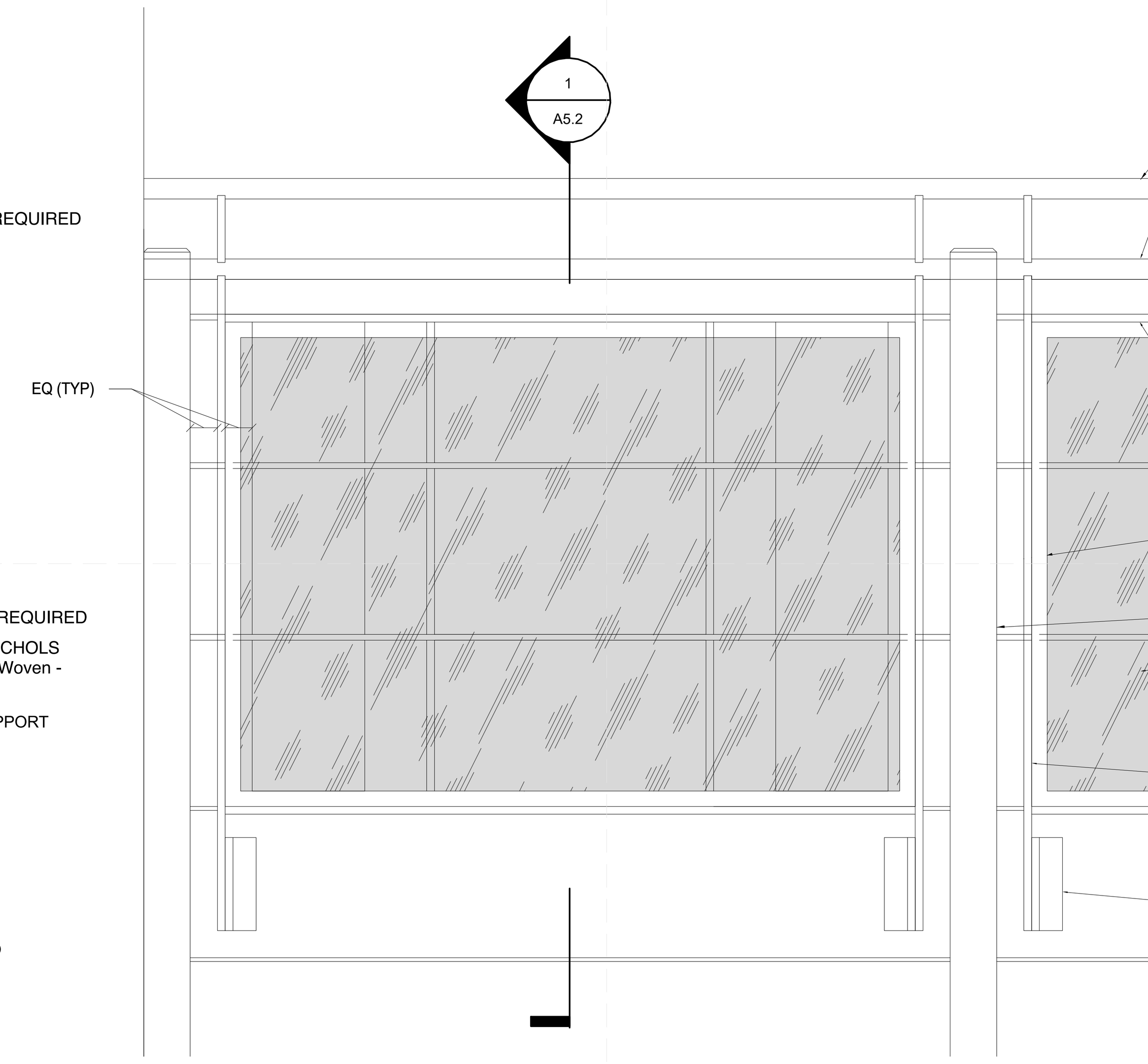
SCALE
1 1/2" = 1'-0"

TITLE
DETAIL DRAWINGS

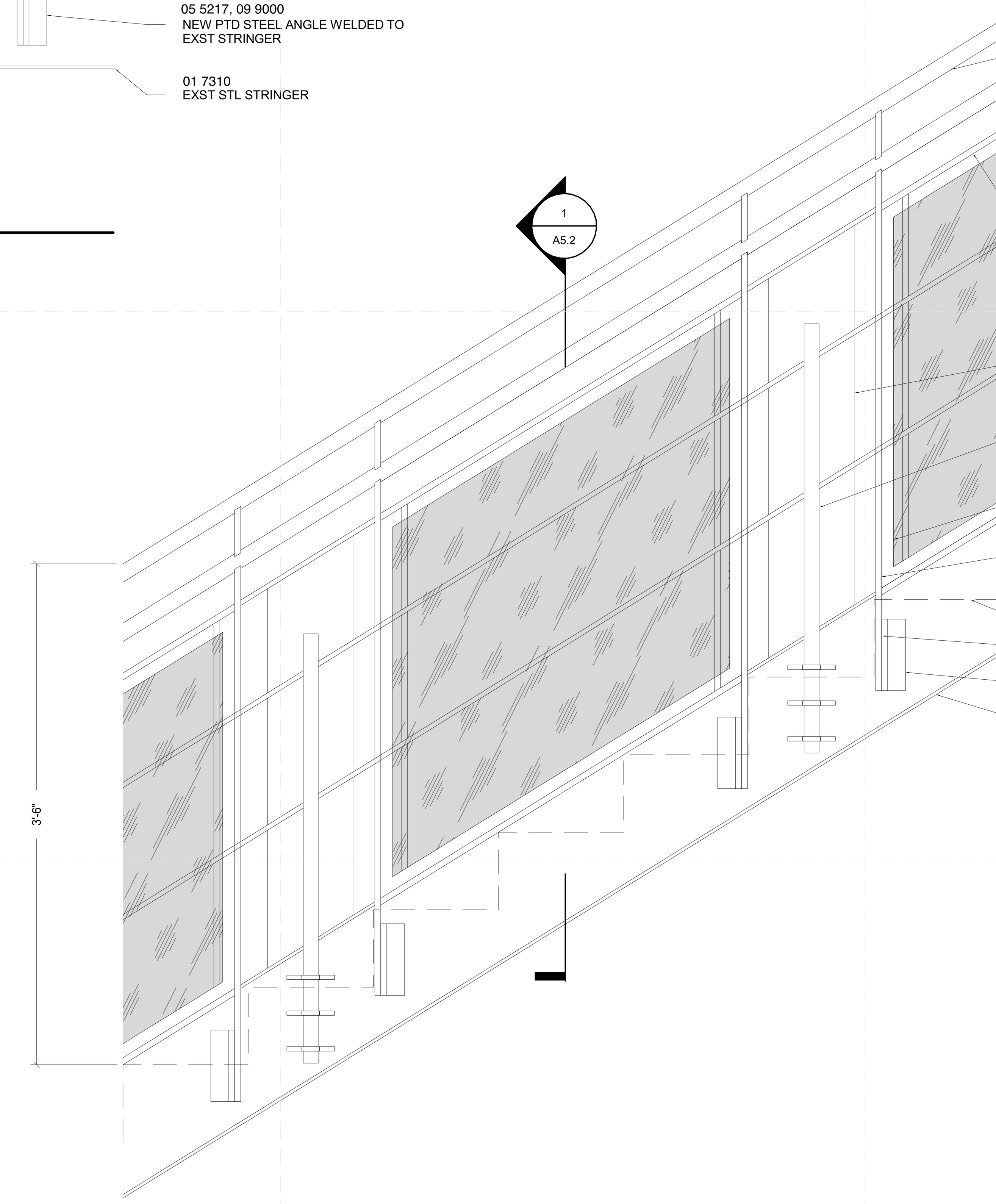
NUMBER
A-5.1



1 INTERIOR GUARDRAIL SECTION
1 1/2" = 1'-0"



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



3 INTERIOR GAURDRAIL ELEVATION AT STAIR
1 1/2" = 1'-0"

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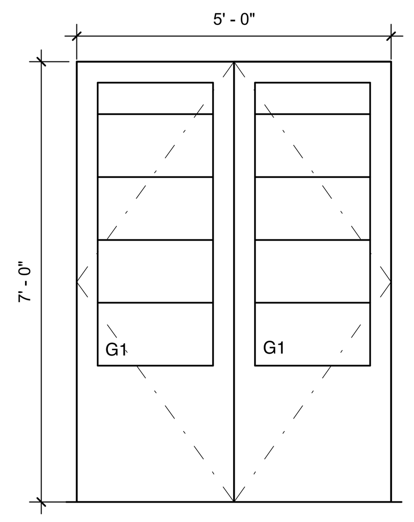
DOOR SCHEDULE

DOOR NUMBER	LOCATION	DOOR								FRAME					DOOR HARDWARE SET	DETAILS			REMARKS/USE
		TYPE MARK	SIZE			DOOR - FINISH PUSH	MATERIAL	RATING	PANELQTY.	TYPE	DOOR FRAME - FINISH PULL	DOOR FRAME - FINISH PUSH	MATERIAL	RATING		HEAD	JAMB	TRESHOLD	
			DOOR PANEL WIDTH	HEIGHT	THICKNESS														
Basement																			
A0	STAIR A	A	(2) x 2' - 6" MATCH EXSTG (V.	7' - 0"	0' - 1 3/4"	PT	HOLLOW METAL	1-HR	2	1	PT	PT	Hollow Metal	1-HR	01**	-	6/A1.4	-	
B0	STAIR B	A	(2) x 2' - 6" MATCH EXSTG (V.	7' - 0"	0' - 1 3/4"	PT	HOLLOW METAL	1-HR	2	2	PT	PT	Hollow Metal	1-HR	01**	-	6/A1.4	-	
C0	STAIR C	A	(2) x 2' - 6" MATCH EXSTG (V.	7' - 0"	0' - 1 3/4"	PT	HOLLOW METAL	1-HR	2	2	PT	PT	Hollow Metal	1-HR	01**	-	6/A1.4	-	
D0	STAIR D	A	(2) x 2' - 6" MATCH EXSTG (V.	7' - 0"	0' - 1 3/4"	PT	HOLLOW METAL	1-HR	2	2	PT	PT	Hollow Metal	1-HR	01**	-	6/A1.4	-	
First Floor																			
A1	STAIR A	A	(2) x 2' - 6" MATCH EXSTG (V.	7' - 0"	0' - 1 3/4"	PT	HOLLOW METAL	1-HR	2	2	PT	PT	Hollow Metal	1-HR	01 **	-	6/A1.4	-	
B1	STAIR B	A	(2) x 2' - 6" MATCH EXSTG (V.	7' - 0"	0' - 1 3/4"	PT	HOLLOW METAL	1-HR	2	2	PT	PT	Hollow Metal	1-HR	01 **	-	6/A1.4	-	
C1	STAIR C	A	(2) x 2' - 6" MATCH EXSTG (V.	7' - 0"	0' - 1 3/4"	PT	HOLLOW METAL	1-HR	2	2	PT	PT	Hollow Metal	1-HR	01 **	-	6/A1.4	-	
D1	STAIR D	A	(2) x 2' - 6" MATCH EXSTG (V.	7' - 0"	0' - 1 3/4"	PT	HOLLOW METAL	1-HR	2	2	PT	PT	Hollow Metal	1-HR	01 **	-	6/A1.4	-	
Second Floor																			
A2	STAIR A	A	(2) x 2' - 6" MATCH EXSTG (V.	7' - 0"	0' - 1 3/4"	PT	HOLLOW METAL	1-HR	2	2	PT	PT	Hollow Metal	1-HR	01 **	-	6/A1.4	-	
B2	STAIR B	A	(2) x 2' - 6" MATCH EXSTG (V.	7' - 0"	0' - 1 3/4"	PT	HOLLOW METAL	1-HR	2	2	PT	PT	Hollow Metal	1-HR	01 **	-	6/A1.4	-	
C2	STAIR C	A	(2) x 2' - 6" MATCH EXSTG (V.	7' - 0"	0' - 1 3/4"	PT	HOLLOW METAL	1-HR	2	2	PT	PT	Hollow Metal	1-HR	01 **	-	6/A1.4	-	
D2	STAIR D	A	(2) x 2' - 6" MATCH EXSTG (V.	7' - 0"	0' - 1 3/4"	PT	HOLLOW METAL	1-HR	2	2	PT	PT	Hollow Metal	1-HR	01 **	-	6/A1.4	-	
Third Floor																			
A3	STAIR A	A	(2) x 2' - 6" MATCH EXSTG (V.	7' - 0"	0' - 1 3/4"	PT	HOLLOW METAL	1-HR	2	2	PT	PT	Hollow Metal	1-HR	01 **	-	6/A1.4	-	
B3	STAIR B	A	(2) x 2' - 6" MATCH EXSTG (V.	7' - 0"	0' - 1 3/4"	PT	HOLLOW METAL	1-HR	2	2	PT	PT	Hollow Metal	1-HR	01 **	-	6/A1.4	-	
C3	STAIR C	A	(2) x 2' - 6" MATCH EXSTG (V.	7' - 0"	0' - 1 3/4"	PT	HOLLOW METAL	1-HR	2	2	PT	PT	Hollow Metal	1-HR	01 **	-	6/A1.4	-	
D3	STAIR D	A	(2) x 2' - 6" MATCH EXSTG (V.	7' - 0"	0' - 1 3/4"	PT	HOLLOW METAL	1-HR	2	2	PT	PT	Hollow Metal	1-HR	01 **	-	6/A1.4	-	

**The existing doors have existing floor-mounted electromagnetic holders. The design intent is to re-use the existing holders with the new doors. Please include an allowance for labor and material costs per door to modify the existing electromagnetic holders as required for re-use. If an investigation in the field determines that the existing electromagnetic holders cannot be re-used, furnish and install the new electromagnetic holders as noted in the hardware set in specification section 08 7100.



A — 60 min FIRE RATED HM DOUBLE DOOR
WITH FireLite Plus FE GLASS
PROVIDE DIVIDED LITE TO MATCH EXISITNG

DOOR TYPE LEGEND

1/2" = 1'-0"

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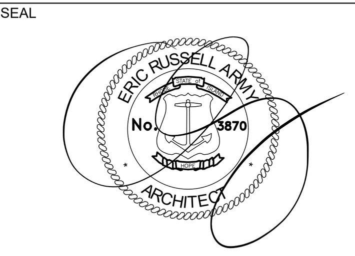

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