




GLENVIEW PUBLIC LIBRARY

INTERIOR RENOVATION

CAFE RENOVATION

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CONSULTANTS	
	HVAC, ELECTRICAL, PLUMBING, AND FIRE PROTECTION ENGINEERS 2010 Engineering Group 1216 Tower Road Schaumburg, Illinois 60173 (847) 882-2010



BOARD		
THOMAS BLANCHARD	PRESIDENT	
SARA SPITZ	VICE PRESIDENT	
RUTH ROSENBLUM	SECRETARY	
KATHY DAVIS VEGA	BOARD MEMBER	
M. DAVID JOHNSON	BOARD MEMBER	
JEFF ROWITZ	BOARD MEMBER	
CAROL A. SCHMITT	BOARD MEMBER	

CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATIONS WERE PREPARED IN THE OFFICES OF STUDIO GC, INC. UNDER MY DIRECT SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE, COMPLY WITH THE FOLLOWING:

2021 INTERNATIONAL BUILDING CODE (IBC)
ILLINOIS STATE PLUMBING CODE (IPC)
2020 NATIONAL ELECTRICAL CODE (NEC)
2021 INTERNATIONAL MECHANICAL CODE (IMC)
2021 INTERNATIONAL FIRE CODE (IFC)
2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
2024 ADOPTED AND AMENDED CONSTRUCTION CODE

	ARCHITECT
	LICENSE NO. AND EXPIRATION DATE
	DATE SIGNED



STUDIO GC
architecture + interiors
223 West Jackson Boulevard, Suite 1200
Chicago, Illinois 60606
(312) 253-3400

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TITLE SHEET

25007 **T1.00**

GENERAL

1. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE PROJECT SITE AND FOR PROVIDING THE CONDITIONS PRIOR TO SUBMITTING A BID FOR THIS PROJECT. CONTRACTORS SHALL PROMPTLY CONTACT THE ARCHITECT IN WRITING IF THERE IS A CONFLICT BETWEEN THE DRAWINGS AND EXISTING CONDITIONS. SUCH INQUIRIES OR OTHER QUESTIONS ARISE FROM THE CONTRACTORS' OBSERVATIONS.

2. BEFORE BEGINNING WORK AT THE SITE AND THROUGHOUT THE COURSE OF THE WORK, INSPECT AND VERIFY THE LOCATION AND CONDITION OF EVERY ITEM AFFECTED BY THE WORK UNDER THIS CONTRACT AND REPORT DISCREPANCIES TO THE ARCHITECT PRIOR TO BEGINNING WORK RELATED TO THAT BEING INSPECTED.

3. BEFORE BEGINNING WORK AT THE SITE, INSPECT THE EXISTING BUILDING AND DETERMINE THE EXTENT OF EXISTING FINISHES, SPECIALTIES, EQUIPMENT, AND OTHER ITEMS WHICH MUST BE REMOVED AND REINSTALLED IN ORDER TO PERFORM THE WORK UNDER THIS CONTRACT.

4. THE ARCHITECTURAL DRAWINGS SHOW PRINCIPLE AREAS WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. INCIDENTAL WORK MAY ALSO BE NECESSARY IN AREAS NOT SHOWN ON THE ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING EXISTING MECHANICAL, ELECTRICAL, PLUMBING OR OTHER SYSTEMS. SUCH INCIDENTAL WORK IS ALSO PART OF THIS CONTRACT. INDIVIDUAL TRADE CONTRACTORS TO INSPECT THOSE AREAS, AND ASCERTAIN WORK NEEDED, AND DO THAT WORK IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS, AT NO ADDITIONAL COST.

5. CONTRACTORS SHALL PROVIDE TEMPORARY BARRIERS AND CONTROLS IN THE PROXIMITY OF SITE THROUGHOUT THE WORK DAY. CONTRACTORS SHALL COORDINATE WITH THE LOCAL MUNICIPALITY AND OWNER TO LIMIT DISRUPTION AND TO PROTECT LOCAL TRAFFIC AND RESIDENTS DURING THE COURSE OF THE WORK.

6. ALL REQUIRED PRE-INSTALLATION MEETINGS AND MOCKUPS FOR CRITICAL WORK SHALL BE PERFORMED PRIOR TO COMMENCEMENT. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ADDITIONAL MEETINGS AND MOCKUPS WITH THE ARCHITECT AS THEY DEEM NECESSARY AT NO ADDITIONAL COST.

7. EACH CONTRACTOR SHALL COORDINATE THEIR WORK WITH ALL OTHER TRADES.

8. WHERE DISCREPANCIES EXIST BETWEEN THE DRAWINGS OF THE VARIOUS TRADES, PROMPTLY REPORT THE DISCREPANCIES TO THE ARCHITECT IN WRITING FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK.

9. WHERE ANY PROVISIONS OF THE DRAWINGS AND SPECIFICATIONS CONFLICT WITH ONE ANOTHER, THE MORE STRINGENT OR COSTLY REQUIREMENT SHALL GOVERN UNLESS SPECIFICALLY DIRECTED OTHERWISE BY THE ARCHITECT.

10. EACH CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL FIELD CONDITIONS, MATERIALS, CONSTRUCTION METHODS AND DIMENSIONS PRIOR TO COMMENCING HIS WORK. CONTRACTORS SHALL PROMPTLY CONTACT ARCHITECT IN WRITING IF ISSUES OR QUESTIONS ARISE. COMMENCEMENT OF THE WORK BY A CONTRACTOR CONSTITUTES HIS ACCEPTANCE OF EXISTING CONDITIONS, AS WELL AS TAKING ON THE RESPONSIBILITY FOR ALL UNACCEPTABLE WORK CAUSED BY PREVIOUS CONDITIONS.

11. ANY MATERIALS ORDERED, FABRICATED, OR INSTALLED PRIOR TO THE ARCHITECT'S REVIEW AND APPROVAL OF REQUIRED SUBMITTALS AND ASSOCIATED SUBMITTALS PERTAINING TO THE WORK, IS DONE SO AT EACH CONTRACTOR'S OWN RISK. THE OWNER AND ARCHITECT SHALL NOT BE RESPONSIBLE FOR DELAYS OR ADDED COSTS INCURRED BY ANY CONTRACTOR AS A RESULT OF WORK INSTALLED OR COMPLETED WITHOUT PROPER SUBMITTAL REVIEW AND APPROVAL.

12. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, NATIONAL CODES AND ORDINANCES AND ALL APPLICABLE HAVING JURISDICTION. EACH CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL APPLICABLE CODES AND ORDINANCES AND THE REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION PRIOR TO SUBMITTING BIDS FOR THIS PROJECTS.

13. DO NOT SCALE DRAWINGS; READ DIMENSIONS ONLY. IF A REQUIRED DIMENSION IS NOT INDICATED OR ANY DIMENSIONING DISCREPANCIES EXIST ON THE DRAWINGS THE CONTRACTOR SHALL PROMPTLY WRITE TO THE ARCHITECT FOR RESOLUTION.

14. CONTRACTORS SHALL NOT CUT STRUCTURAL ELEMENTS OR MEMBERS IN A MANNER RESULTING IN A REDUCTION OF LOAD CARRYING CAPACITY OR LOAD DEFLECTION RATIO, UNLESS OTHERWISE NOTED.

15. ALL STRUCTURAL ITEMS, INCLUDING BUT NOT LIMITED TO, BEAMS, LINTELS, JOISTS, DECKS, MASONRY TIE, BOND BEAMS, COLUMNS, CONNECTIONS AND CONNECTORS, ETC., APPEARING ON ARCHITECTURAL DRAWINGS ARE ONLY SHOWN TO ILLUSTRATE RELATIONSHIPS TO OTHER BUILDINGS. MATERIALS AND SYSTEMS AND SHALL BE CONSIDERED FOR INFORMATION ONLY. REFER TO STRUCTURAL DRAWINGS FOR DETAILED CONFIGURATIONS, TYPES, SIZES, CONNECTIONS, NOTES, AND SCHEDULES.

16. ALL COLD FORMED METAL AND WOOD FRAMING APPEARING ON ARCHITECTURAL DRAWINGS ARE SHOWN TO ILLUSTRATE INTENT. THE CONTRACTOR, AS PART OF DELEGATED DESIGN SUBMITTAL RESPONSIBILITY UNDER HIS SCOPE, IS TO PROVIDE CONNECTIONS, ACCESSORIES, AND CONFIGURATIONS REQUIRED TO MEET THE SPECIFICATIONS.

17. ALL PLUMBING, HVAC, ELECTRICAL, AND FIRE PROTECTION ITEMS APPEARING ON ARCHITECTURAL DRAWINGS ARE ONLY SHOWN TO ILLUSTRATE RELATIONSHIPS TO OTHER BUILDING MATERIALS AND SYSTEMS AND SHALL BE CONSIDERED FOR INFORMATION ONLY. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION CONFIGURATIONS, TYPES, SIZES, CONNECTIONS, NOTES, AND SCHEDULES.

18. ALL PLUMBING, HVAC, ELECTRICAL AND FIRE PROTECTION ROUGH-IN WORK IN FINISHED AREAS SHALL BE CONCEALED IN AVAILABLE CEILING, WALL, AND FLOOR SPACES.

19. ALL PENETRATIONS THROUGH THE NEW SLAB ON GRADE, ROOF DECK, WALLS BELOW GRADE, AND EXTERIOR WALLS SHALL BE WATER SEALED, WHERE PENETRATIONS ARE REQUIRED TO BE FIRE SEALED PER THE CONTRACT DOCUMENTS. THE WATER SEAL SHALL BE IN ADDITION. THE FIRE SEALANT SHALL BE INSTALLED FIRST (DEPRESSED A MINIMUM OF 3/4 INCH) AND WITH THE WATER SEAL, INSTALLED OVER THE TOP, AN APPROPRIATE BOND AND BREAKER SHALL BE INSTALLED IN BETWEEN THE TWO TYPES OF SEALANT.

20. CONTRACTORS SHALL PROVIDE NEW UNDATED MATERIALS. ANY DATED MATERIALS, FIXTURES AND/OR FINISHES RECEIVED ARE NOT TO BE INSTALLED AND RETURNED TO THE MANUFACTURER/DISTRIBUTOR. INSTALLATION OF DATED MATERIALS WILL BE REJECTED.

21. PROVIDE GROUTED CELLS, AS REQUIRED, IN MASONRY WALLS TO ANCHOR ALL WALL MOUNTED ITEMS INCLUDING, BUT NOT LIMITED TO, MILLWORK, CASEWORK, WALL CABINETS, HANDRAILS, COAT RACKS, WALL HOOKS, DOOR STOPS, TOILET ACCESSORIES, OWNER FURNISHED EQUIPMENT, SHELVING, LIGHT FIXTURES, LIFE SAFETY EQUIPMENT AND OTHER SIMILAR ITEMS.

22. PROVIDE WOOD OR STEEL FRAME BLOCKING, AS REQUIRED, IN FRAMED WALLS AND CEILINGS TO ANCHOR ALL WALL AND CEILING MOUNTED ITEMS INCLUDING, BUT NOT LIMITED TO, MILLWORK, CASEWORK, WALL CABINETS, HANDRAILS, COAT RACKS, WALL HOOKS, DOOR STOPS, TOILET ACCESSORIES, OWNER FURNISHED EQUIPMENT, SHELVING, LIGHT FIXTURES, LIFE SAFETY EQUIPMENT AND OTHER SIMILAR ITEMS.

23. WOOD BLOCKING AND METAL FRAMING IS SHOWN GENERALLY IN DETAILS TO ACHIEVE THE DESIRED OVERALL DESIGN INTENT. ITS RELATIONSHIP TO OTHER MATERIALS AND SYSTEMS ARE AS REQUIRED BY APPROPRIATE CONSTRUCTION PRACTICES TO ACHIEVE THE FINAL APPEARANCE INDICATED ON THE DRAWINGS.

24. THE PERIMETER OF ALL OPENINGS ARE TO BE BACKED AS NECESSARY AND SEALED, INTERIOR AND EXTERIOR.

25. ALL OPENINGS, INTERIOR AND EXTERIOR, THAT HAVE A RETURN FROM THE MAIN FACE, SHALL HAVE THE RETURN FINISHED THE SAME AS THE MAIN EXPOSED FACE. THIS APPLIES TO BOTH SIDES OF ALL OPENINGS.

26. CONTROL JOINTS IN MASONRY WALLS ARE TO BE PROVIDED AS SHOWN. IN AREAS WHERE JOINTS ARE NOT SHOWN, THE CONTRACTOR SHALL PROVIDE JOINTS AS FOLLOWS: 1. AT EVERY 20 FEET IN RUNNING WALLS AND 6 FEET FROM CORNERS, 2. AT ALL CORNERS OF AN "U, L, OR T" CONFIGURATION ON A WALL SURFACE, A CONTROL JOINT SHALL BE PROVIDED TO DIVIDE THE SECTIONS. CONTRACTORS SHALL BE PROVIDED TO REVIEW THE JOINTS IN THE FIELD PRIOR TO COMMENCING MASONRY INSTALLATION REGARDLESS OF WHETHER JOINTS ARE SHOWN ON THE JOINTS ARE BEING PROVIDED PER THE GUIDELINES NOTED HERE.

27. PROVIDE BOND BREAKER MATERIAL AT CONTROL JOINTS WHERE JOINTS ARE FULLY PARGED OR GROUTED.

28. CONTROL JOINTS IN GYPSUM BOARD ARE TO BE PROVIDED AS SHOWN. IN AREAS WHERE JOINTS ARE NOT SHOWN, THE CONTRACTOR SHALL PROVIDE JOINTS AS FOLLOWS: 1. AT EVERY 30 FEET IN WALLS OR CEILINGS, 2. AT ALL CORNERS OF AN "U, L, OR T" CONFIGURATION ON A WALL OR CEILING SURFACE, A CONTROL JOINT SHALL BE PROVIDED TO DIVIDE THE SECTIONS. CONTRACTORS ARE TO REVIEW ALL LOCATIONS WITH THE ARCHITECT IN THE FIELD PRIOR TO COMMENCING CONTROL JOINT INSTALLATION REGARDLESS OF WHETHER JOINTS ARE SHOWN OR THE JOINTS ARE BEING PROVIDED PER THE GUIDELINES NOTED HERE.

29. CONTROL JOINTS IN RATED ASSEMBLIES ARE TO BE TREATED AS NOT TO COMPROMISE THE RATED ASSEMBLY. CONTRACTORS SHALL PROVIDE APPROPRIATE BACKING MATERIAL AND FIRE STOPPING TO CLOSE THE CAVITY AND PROVIDE AN APPROPRIATELY RATED SEALANT.

30. THE TYPICAL CONDITION, UNLESS DETAILED OTHERWISE, WHERE GYPSUM WALLBOARD MEETS ANY KIND OF DISSIMILAR SURFACE, INCLUDING BUT NOT LIMITED TO MASONRY, WOOD, OR METAL, IS TO HAVE WALLBOARD EDGE FINISHED WITH A PAINTED J-BEAD EDGE AND DRYWALL COMPOUND AND THE JOINT CAULKED.

31. WHENEVER MASONRY REQUIRES OUTLET TO ENCLOSE A STRUCTURAL MEMBER, PROVIDE MAXIMUM THICKNESS POSSIBLE AND STILL PREVENT CONTACT WITH THE STRUCTURE, EXCEPT FOR TIE. USE THE SAME UNITS AS IN WALL SO FACE TEXTURE AND APPEARANCE IS UNIFORM.

32. CONTRACTORS SHALL FINISH DESIGNING AND FABRICATE ITEMS DESIGNATED AS A "DELEGATED DESIGN" WITHIN THE SPECIFICATIONS. COORDINATE WITH INDIVIDUAL SPECIFICATION SECTIONS FOR THESE ITEMS.

33. CONTRACTORS SHALL CAREFULLY COORDINATE ALL WORK WITH EQUIPMENT BEING FURNISHED BY THE OWNER AND INSTALLED BY THE CONTRACTORS. ALL SIZES, MATERIALS AND OTHER SUBMITTALS SHALL BE CAREFULLY COORDINATED ACCORDINGLY. CONTRACTORS SHALL PROVIDE FOR SOME ADJUSTMENT IN FINAL DESIGN AND FABRICATION TO ACCOMMODATE INSTALLATION OF EQUIPMENT.

34. CONTRACTORS SHALL COORDINATE TESTING WITH OWNER'S PROVIDED TESTING SERVICE. CONTRACTOR SHALL PROVIDE TESTING SERVICES AS PART OF THEIR BID FOR THOSE TESTS. PROVIDE TESTING SERVICES AS CONTRACTORS RESPONSIBILITY WITHIN THE INDIVIDUAL SPECIFICATIONS SECTIONS.

35. PROTECT ALL EXISTING CONSTRUCTION AND INFRASTRUCTURE FROM DAMAGE, VIDEO/TAPE/ PHOTOGRAPH EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK. CONTRACTORS WILL REPAIR/ REPLACE OR CORRECT ANY AND ALL DAMAGE TO EXISTING CONSTRUCTION AND INFRASTRUCTURE FROM DAMAGE AND/OR INSTALLATION PROCESS UNDER THIS CONTRACT AS NECESSARY AT NO ADDITIONAL EXPENSE TO OWNER.

36. REPAIR, PATCH, AND FINISH, OR REFINISH AS APPLICABLE, TO MATCH ADJACENT EXISTING FINISHES THOSE EXISTING SURFACES DAMAGED OR NEWLY EXPOSED DURING PERFORMANCE OF THE WORK UNDER THIS CONTRACT.

37. WHERE MATCH EXISTING IS INDICATED, NEW CONSTRUCTION, OR FINISHES AS APPROPRIATE TO THE NOTE SHALL MATCH THE EXISTING IN EVERY PARTICULAR.

38. WORK SHOWN IS NEW UNLESS SPECIFICALLY NOTED OR OTHERWISE INDICATED.

39. DETERMINE THE LOCATION OF PARTITIONS NOT DIMENSIONED BY THEIR RELATION TO COLUMN FACE OR CENTER, WINDOW JAMB OR MULLION, EXISTING WALLS, OR OTHER SIMILAR FIXED ITEM. IF THE LOCATION IS INDETERMINABLE, PLEASE NOTIFY THE ARCHITECT IMMEDIATELY.

40. WHERE PERMANENT REMOVAL OF EXISTING MILLWORK, CASEWORK, DOORS AND FRAMES, CABINETWORK, ACCESSORIES, EQUIPMENT OR FURNISHINGS IS REQUIRED, AND PREVIOUSLY CONCEALED SURFACES ARE TO BE REMOVED, PATCH SUCH SURFACES TO MATCH ADJACENT EXPOSED SURFACES, WHERE SUCH SURFACES ARE SCHEDULED TO RECEIVE NEW FINISHES, PREPARE THE SURFACES TO RECEIVE THE NEW FINISHES.

41. WHERE CUTTING OF EXISTING SURFACES OR REMOVAL OF EXISTING SURFACES IS REQUIRED TO PERFORM THE WORK UNDER THIS CONTRACT, AND NEW FINISH IS NOT INDICATED, FILL RESULTING OPENINGS AND PATCH THE SURFACE AFTER DOING THE WORK; FINISH TO MATCH ADJACENT EXISTING SURFACES.

42. WHERE DUCTS AND SIMILAR ITEMS ARE SHOWN TO PENETRATE EXISTING WALLS OR PARTITIONS, NEATLY CHASE THE WALLS OR PARTITIONS, INSTALL THE ITEMS, AND PATCH WALLS OR PARTITIONS TO MAKE THE INSTALLATION NOT DISCERNIBLE IN THE FINISH WORK.

43. ALL TRADE CONTRACTORS TO INSTALL ALL NEW CONDUTTS, PIPES, WIRING AND DUCTS ABOVE NEW OR EXISTING CEILING. REMOVE EXISTING CEILING AS NECESSARY TO PERFORM THE WORK. AFTER INSTALLATION OF CONCEALED WORK, REINSTALL REMOVED CEILING AND PATCH AND REFINISH TO MATCH ADJACENT UNREMOVED CEILINGS.

44. ALL TRADE CONTRACTORS SHALL SEAL TIGHT WITH SMOKE SEAL CAULKING ANY NEW WORK THROUGH ALL NON-RATED WALLS.

45. PROVIDE WEATHER-TIGHT CONSTRUCTION OF EXISTING BUILDING AT ALL TIMES.

46. MECHANICAL/HVAC CONTRACTOR SHALL PROVIDE FINISH CAULK AT ALL LOCATIONS WHERE MECHANICAL DUCTWORK PENETRATES EXTERIOR WALL. GENERAL TRADES CONTRACTOR SHALL PROVIDE ALL FLASHINGS FOR WATERWEATHERTIGHT SEAL AROUND COLLAR.

47. ALL AREAS OF DISTURBED EARTH, WHETHER BY CONSTRUCTION PROCESS, DEMOLITION, OR MATERIAL STORAGE, ARE TO BE RESTORED WITH BLACK TOP SOIL & SODDED PER SPECIFICATIONS (NO EXCEPTIONS). ALL LANDSCAPE WORK IS TO BE PERFORMED BY A LANDSCAPE CONTRACTOR. ALL SOD IS TO BE WATERED, MOVED, & FERTILIZED TO BE ESTABLISHED. THE SOD IS TO BE DETERMINED BY OWNER. FOR REGULAR WATERING, CONTRACTOR IS RESPONSIBLE FOR TRUCKING IN, ANY "BROWNED" OR "BURNED OUT" SOD IS TO BE REPLACED AT NO ADDITIONAL COST TO OWNER, INCLUDING LABOR (VALU\$M).

48. OWNER SHALL PAY FOR ALL BUILDING PERMITS PERTAINING TO THE PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, INSPECTIONS, AND SUBMITTING REQUIRED RECORDS, FORMS AND SUBMITTALS TO THE LOCAL AUTHORITY HAVING JURISDICTION. CONTRACTORS SHALL BE RESPONSIBLE FOR LICENSE FEES AND PERMITS RELATED TO OPERATING AND WORKING WITHIN THE MUNICIPALITY.

49. THE CONTRACTORS SHALL PROVIDE ALL WORK AND MATERIALS WHICH ANY SECTION OR PART OF THE DRAWINGS, SPECIFICATIONS, OR CONDITIONS REQUIRE HIM TO PROVIDE FOR ALL SIMILAR WORK. THIS SHALL APPLY TO ALL SIMILAR WORK, NOTWITHSTANDING ANY OTHER SPECIFIC REQUIREMENTS, AND DO THAT WORK IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS AT NO ADDITIONAL COST. PROTECT EXISTING WORK TO REMAIN FROM DAMAGE.

50. REPAIR, PATCH AND FINISH OR REPLACE AS APPLICABLE TO MATCH ADJACENT EXISTING FINISHES THOSE EXISTING SURFACES DAMAGED OR NEWLY EXPOSED DURING PERFORMANCE OF THE WORK UNDER THIS CONTRACT.

51. KEEP CONSTRUCTION ENTRANCES AND LOCAL ACCESS ROAD SERVING THE SITE CLEAN AND CLEAR AT ALL TIMES. SCHEDULE DELIVERIES TO MINIMIZE SPACE AND TIME REQUIRED FOR STORAGE OF MATERIALS ON SITE.

52. CONTRACTORS ARE RESPONSIBLE FOR THEIR OWN CLEANUP AT THE END OF EACH WORK DAY THROUGHOUT THE COURSE OF THE PROJECT.

53. CONTRACTORS SHALL PROVIDE A FINAL CLEANUP AT THE END OF THE PROJECT PRIOR TO FINAL COMPLETION. ALL SURFACES, FIXTURES AND FURNITURE ARE TO BE CLEANED AND RETURNED TO ORIGINAL CONDITION. ANY RUBBISH OR RUBBISH REMAINS, ANY ITEM THAT CAN NOT BE EFFECTIVELY CLEANED SHALL BE REPLACED.

54. VERIFY ALL DIMENSIONS IN FIELD PRIOR TO SHOP FABRICATION OF ITEMS.

55. ALL HOLD DIMENSIONS ARE REQUIRED TO BE EXACT WITH $\pm 1/8$ TOLERANCE ALONG FULLY EXPOSED WALLS OR PARTITION OR BUILDING COMPLETION.

56. PROVIDE ALL PREPARATION NECESSARY, PRIOR TO BEGINNING PAINTING WORK, INCLUDING BUT NOT LIMITED TO PATCHING HOLES, GOUGES, OR OTHER DAMAGE SECURING LOOSE TRIM, CONDUTTS AND ANY OTHER WALL OR CEILING HARDWARE ITEMS REQUIRING ATTENTION.

57. WALLS INDICATED TO BE PAINTED, OR REQUIRED TO BE RE-PAINTED DUE TO REPAIRS OF DAMAGED SURFACES, SHALL HAVE THE WALL SURFACE FROM CORNER TO CORNER OR OTHER NATURAL BREAK PAINTED.

58. CONTRACTORS ARE RESPONSIBLE FOR PROCURING TEMPORARY UTILITIES AND PAYING FOR SUCH UTILITIES UNTIL SUCH TIME THAT THE PERMANENT UTILITIES ARE OPERATIONAL AND THE OWNER HAS GRANTED, IN WRITING, THEIR USE BY THE CONTRACTOR.

59. CONTRACTORS ARE RESPONSIBLE FOR PREPARING AND SUBMITTING FULLY DETAILED FIRE SPRINKLER AND FIRE ALARM DRAWINGS TO THE LOCAL AUTHORITY HAVING JURISDICTION FOR REVIEW AND APPROVAL.

60. REPAIR, PATCH AND REFINISH, OR REPLACE, ANY EXISTING CONSTRUCTION AND INFRASTRUCTURE THAT IS DISTURBED OR DAMAGED DURING THE COURSE OF THE WORK. SUCH REPAIR OR REPLACEMENT WORK IS TO MATCH EXISTING CONSTRUCTION IN QUALITY AND FINISH.

61. SHOULD DISCREPANCIES APPEAR AMONG THE CONTRACT DOCUMENTS OR BETWEEN THE CONTRACT DOCUMENTS AND EXISTING SITE CONDITIONS, THE CONTRACTOR SHALL REQUEST AN INTERPRETATION FROM THE ARCHITECT BEFORE THE BIDDING PERIOD IS COMPLETE. IF THE CONTRACTORS FAIL TO MAKE SUCH REQUEST, IT SHALL BE CONSIDERED THAT BOTH PROVISIONS WERE INCLUDED IN THE BID, AND THE ARCHITECT SHALL DETERMINE WHICH OF THE CONFLICTING REQUIREMENTS SHALL GOVERN. THE CONTRACTORS SHALL PERFORM THE WORK AT NO ADDITIONAL COST TO THE OWNER IN ACCORDANCE WITH THE ARCHITECT'S DETERMINATION.

62. WHERE CONFLICT EXISTS BETWEEN, OR WITHIN, THE CONTRACT DOCUMENTS, BETWEEN THE CONTRACT DOCUMENTS AND APPLICABLE STANDARDS, CODES, ORDINANCES, OR MANUFACTURER'S RECOMMENDATIONS, AND CLARIFICATION HAS NOT BEEN REQUESTED FROM THE ARCHITECT PRIOR TO THE CLOSE OF BIDDING, THE MORE STRINGENT OR HIGHER QUALITY STANDARD SHALL PREVAIL. SCALE DRAWINGS AND DIMENSIONS SHALL BE USED TO DETERMINE THE SCALE DRAWINGS, FIGURED DIMENSIONS ON THE DRAWINGS OVER SCALED DIMENSIONS, AND NOTED MATERIAL OVER GRAPHIC REPRESENTATIONS.

ACCESSIBILITY

1. THIS PROJECT SHALL BE IN FULL COMPLIANCE WITH IBC CHAPTER 11, ANSI A117-1.2003, ILLINOIS ACCESSIBILITY CODE, AND 2010 ADA. WHERE THERE ARE CONFLICTS BETWEEN INDIVIDUAL CODES, THE STRICTER REQUIREMENTS SHALL GOVERN.

2. ALL CONTROLS AND OPERATING MECHANISMS TO BE WITHIN REACH RANGE PER ICC/ANSI A117-1.2003 CHAPTERS 3.308 AND 3.309. THIS APPLIES TO FORWARD AND SIDE APPROACH.

3. SIGNAGE SHALL BE PROVIDED PER ICC/ANSI A117-1.2003 CHAPTER 7.703 AND IAC 400.310 (U). SIGNAGE TYPES, LOCATIONS, AND PLACEMENTS ARE FOUND ON G3.00 SERIES SHEETS.

4. MANEUVERING CLEARANCES AT ALL DOORS SHALL BE PROVIDED PER ICC/ANSI A117-1.2003 CHAPTER 4.402.

5. ALL DOORS SHALL BE PROVIDED WITH LEVER OPERATED HARDWARE PER ICC/ANSI A117-1.2003 CHAPTER 4.404.

6. ALL DOORS SHALL HAVE A CLEAR OPENING OF 32" MEASURED FROM THE FACE OF DOOR WHEN IT IS OPENED 90° TO THE DOOR STOP PER ICC/ANSI A117-1.2003 CHAPTER 4.404.

7. ALL PUBLIC AND COMMON AREA INTERIOR DOORS SHALL REQUIRE 5# MAXIMUM FORCE TO OPERATE PER IAC 400.310 (U-0).

8. ALL PUBLIC AND COMMON AREA EXTERIOR DOORS SHALL REQUIRE 8.5# MAXIMUM FORCE TO OPERATE PER IAC 400.310 (U-1).

9. CARPET TILE THICKNESS SHALL NOT EXCEED 12 INCH PER ICC/ANSI A117-1.2003 (SECTION 302.2). TILE THICKNESS IS MEASURED FROM THE FINISH FLOOR TO TOP OF FILE.

10. FLOOR SURFACES SHALL BE FIRM, STABLE, AND SLIP RESISTANT PER ICC/ANSI A117-1.2003 SECTION 302.1.

11. THE FIRE ALARM SYSTEM SHALL COMPLY WITH ICC/ANSI A117-1.2003 SECTION 7.702. ALL VISUAL ALARMS TO BE SYNCHRONIZED THROUGHOUT PER ICC/ANSI A117-1.2003 CHAPTER 7.01.

12. WHERE PROVIDED, A PORTION OF EACH CLOSET SHETL AND ROD SHALL BE INSTALLED TO COLUMBIA FACE OR CENTER, WINDOW JAMB OR MULLION, EXISTING WALLS OR OTHER SIMILAR FIXED ITEM. IF THE LOCATION IS INDETERMINABLE, PLEASE NOTIFY THE ARCHITECT IMMEDIATELY.

13. ACCESSIBLE HIGH-LOW DRINKING FOUNTAINS SHALL BE PROVIDED PER ICC/ANSI A117-1.2003, CHAPTER 602.

14. WHERE PROVIDED, A PORTION OF COAT/GARMENT HOOKS SHALL BE INSTALLED AT 48" A.F.F. MAXIMUM. (6% OF TOTAL PROVIDED).

15. WHERE PROVIDED, A PORTION OF LOCKERS SHALL BE INSTALLED WITH THE OPERATING MECHANISM WITHIN THE 15-48" REACH RANGE.

16. CLEAR FLOOR SPACE SHALL BE PROVIDED FOR A PERSON IN A WHEELCHAIR TO MAKE A 180° TURN IN CLEARANCE OF COMMON ROOMS, TOILET ROOMS, LOCKER ROOMS, AND ALSO ACCESSIBLE ROUTES.

17. ALL OPEN STAIRS SHALL HAVE A DETECTABLE WARNING AT THE TOP OF STAIR RUNS.

18. ALL ACCESSIBLE TOILETS AND SHOWERS ARE TO BE EQUIPPED WITH GRAB BARS 400.310(Q) AND ADAAG 4.26.1.

19. ALL DOORS LEADING TO HAZARDOUS ROOMS OR SPACES SHALL BE PROVIDED WITH KNURED HARDWARE. PROVIDE HARDWARE INSTALLED ON DOOR SCHEDULE, SHEET A8.00 AND SPECIFICATION SECTION 087100 COMPLIANT WITH ANSI A117-1.2003 CHAPTER 4.27.3.

20. ALL RECEPTION, TRANSACTION COUNTERS, AND PASS-THROUGHS SHALL HAVE A SECTION CONSTRUCTED BETWEEN 28" TO 34" A.F.F. IN HEIGHT AND 36" IN LENGTH.

CODE COMPLIANCE

1. PROJECT SHALL REMAIN IN COMPLIANCE WITH ALL ASPECTS OF ALL GOVERNING ORDINANCES THROUGHOUT THE COURSE OF CONSTRUCTION.

2. CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING ALL REQUIRED SHOP DRAWINGS AND CUT SHEETS FOR LIFE SAFETY SYSTEM TO THE LOCAL AUTHORITY HAVING JURISDICTION.

3. CONTRACTOR SHALL ORGANIZE A MEETING WITH THE LOCAL AUTHORITY HAVING JURISDICTION TO REVIEW THE LOCATIONS OF ALL LIFE SAFETY DEVICES AND EQUIPMENT PRIOR TO THEIR INSTALLATION.

4. PROVIDE ALL CODE REQUIRED SIGNAGE PER G3.00 SERIES SHEETS.

5. PROVIDE ALL PARTITION TYPES PER SHEET G2.00.

6. PROVIDE ALL CODE REQUIRED SPECIAL INSPECTION PER SHEET S 3 SERIES SHEETS.

DEMOLITION

1. BEFORE BEGINNING WORK AT THE SITE AND THROUGHOUT THE COURSE OF THE WORK INSPECT AND VERIFY THE LOCATION AND CONDITION OF EVERY ITEM AFFECTED BY THE WORK UNDER THIS CONTRACT AND REPORT DISCREPANCIES TO THE ARCHITECT BEFORE BEGINNING WORK.

2. BEFORE BEGINNING WORK AT THE SITE, INSPECT THE EXISTING BUILDING AND DETERMINE THE EXTENT OF EXISTING FINISHES, SPECIALTIES, EQUIPMENT AND OTHER ITEMS WHICH MUST BE REMOVED AND REINSTALLED IN ORDER TO PERFORM THE WORK UNDER THIS CONTRACT.

3. THE ARCHITECTURAL DRAWINGS SHOW PRINCIPLE AREAS WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. INCIDENTAL WORK MAY ALSO BE NECESSARY IN AREAS NOT SHOWN ON THE ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING THE EXISTING MECHANICAL, ELECTRICAL, PLUMBING OR OTHER SYSTEMS. SUCH INCIDENTAL WORK IS ALSO PART OF THIS CONTRACT. INDIVIDUAL TRADE CONTRACTORS TO INSPECT THOSE AREAS, AND ASCERTAIN WORK NEEDED, AND DO THAT WORK IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS AT NO ADDITIONAL COST. PROTECT EXISTING WORK TO REMAIN FROM DAMAGE.

4. REPAIR, PATCH AND FINISH OR REPLACE AS APPLICABLE TO MATCH ADJACENT EXISTING FINISHES THOSE EXISTING SURFACES DAMAGED OR NEWLY EXPOSED DURING PERFORMANCE OF THE WORK UNDER THIS CONTRACT.

5. WHERE MATCH EXISTING IS INDICATED, NEW CONSTRUCTION OR FINISHES AS APPROPRIATE TO THE NOTE SHALL MATCH THE EXISTING IN EVERY PARTICULAR.

6. WORK SHOWN IS NEW UNLESS SPECIFICALLY NOTED OR OTHERWISE INDICATED.

7. DETERMINE THE LOCATION OF PARTITIONS NOT DIMENSIONED BY THEIR RELATION TO COLUMN FACE OR CENTER, WINDOW JAMB OR MULLION, EXISTING WALLS OR OTHER SIMILAR FIXED ITEM.

8. WHERE PERMANENT REMOVAL OF ITEMS IS REQUIRED, AND PREVIOUSLY CONCEALED SURFACES ARE TO REMAIN EXPOSED, PATCH PREVIOUSLY CONCEALED SURFACES TO MATCH ADJACENT EXPOSED SURFACES, WHERE SUCH SURFACES ARE SCHEDULED TO RECEIVE NEW FINISHES, PREPARE THE SURFACES TO RECEIVE THE NEW FINISHES.

9. WHERE CUTTING OF EXISTING SURFACES OR REMOVAL OF EXISTING SURFACES IS REQUIRED TO PERFORM THE WORK UNDER THIS CONTRACT, AND NEW FINISH IS NOT INDICATED, FILL RESULTING OPENINGS AND PATCH THE SURFACE AFTER DOING THE WORK; FINISH TO MATCH ADJACENT EXISTING SURFACES.

10. WHERE CONDUTTS, DUCTS, AND SIMILAR ITEMS ARE SHOWN TO BE INSTALLED IN EXISTING WALLS OR PARTITIONS, NEATLY CHASE THE WALLS OR PARTITIONS, INSTALL THE ITEMS, AND PATCH THE WALLS OR PARTITIONS TO MAKE THE INSTALLATION NOT DISCERNIBLE IN THE FINISH WORK.

11. SEAL TIGHT AND PROTECT WITH FIRE SAFING AND CAULKING, NEW SLEEVES AND OPENINGS IN FLOORS.

12. INSTALL ALL NEW CONDUTTS, PIPES, WIRING AND DUCTS ABOVE NEW OR EXISTING CEILING. REMOVE EXISTING CEILING AS NECESSARY TO PERFORM THE WORK. AFTER INSTALLATION OF CONCEALED WORK, REINSTALL REMOVED CEILING AND PATCH AND REFINISH TO MATCH ADJACENT UNREMOVED CEILINGS.

13. REFER TO NEW WORK PLANS TO COORDINATE EXTENT OF DEMOLITION.

14. REFER TO OTHER DISCIPLINE DRAWINGS FOR ADDITIONAL DEMOLITION REQUIRED. CONTRACTOR TO NOTIFY ARCHITECT IMMEDIATELY UPON DISCOVERY OF CONFLICT OR DISCREPANCY WITH ITEMS INDICATED TO BE REMOVED.

15. WHERE NOT SPECIFICALLY NOTED, CONTRACTOR SHALL MODIFY EXISTING FLOORING AND CEILING CONSTRUCTION TO REMAIN AS REQUIRED TO ABUT NEW CONSTRUCTION AND MATCH ADJACENT EXISTING CONDITIONS (TYP.).

16. AT ALL AREAS WITHIN THE EXISTING BUILDING WHERE DEMOLITION AND RENOVATION ACTIVITIES ARE SCHEDULED TO OCCUR, CONTRACTOR SHALL REMOVE ALL EXISTING FIXTURES, ELECTRICAL DEVICES, CONDUIT, ANCHORS, AND OTHER ITEMS NOT REQUIRED TO REMAIN. THE NEW CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER IN ACCORDANCE WITH THE ARCHITECT'S DETERMINATION.

17. AT ALL AREAS WITHIN THE EXISTING BUILDING WHERE DEMOLITION AND RENOVATION ACTIVITIES ARE SCHEDULED TO OCCUR, CONTRACTOR SHALL REMOVE ALL MECHANICAL, SUPPLY DIFFUSERS AND RETURN GRILLES, AND ALL ASSOCIATED ITEMS AND EQUIPMENT. MODIFY DUCTWORK AS REQUIRED TO REMAIN IN PLACE AND PATCH AND REFINISH TO MATCH ADJACENT UNREMOVED CEILING AND PATCH AND REFINISH TO MATCH ADJACENT UNREMOVED CEILINGS.

18. CONTRACTOR RESPONSIBLE FOR ENLARGING OR PATCHING MASONRY OPENINGS AT ALL NEW UNIT HEATERS (TYP.).

19. SHOULD DISCREPANCIES APPEAR AMONG THE CONTRACT DOCUMENTS OR BETWEEN THE CONTRACT DOCUMENTS AND EXISTING SITE CONDITIONS, THE CONTRACTOR SHALL REQUEST AN INTERPRETATION FROM THE ARCHITECT BEFORE BIDDING. IF THE CONTRACTOR FAILS TO MAKE SUCH REQUESTS, IT IS PRESUMED THAT BOTH PROVISIONS WERE INCLUDED IN THE BID, AND THE ARCHITECT SHALL DETERMINE WHICH OF THE CONFLICTING REQUIREMENTS SHALL GOVERN. THE CONTRACTOR SHALL PERFORM THE WORK AT NO ADDITIONAL COST TO THE OWNER IN ACCORDANCE WITH THE ARCHITECT'S DETERMINATION, WHERE CONFLICT EXISTS BETWEEN OR WITHIN THE CONTRACT DOCUMENTS BETWEEN THE CONTRACT DOCUMENTS AND APPLICABLE STANDARDS, CODES, ORDINANCES, OR MANUFACTURER'S RECOMMENDATIONS, AND CLARIFICATION HAS NOT BEEN REQUESTED FROM THE ARCHITECT PRIOR TO BIDDING AS PROVIDED FOR ABOVE. THE MORE STRINGENT OR HIGHER QUALITY STANDARD SHALL PREVAIL.

20. LARGE SCALE DRAWINGS SHALL TAKE PRECEDENCE OVER SMALL SCALE DRAWINGS, FIGURED DIMENSIONS ON THE DRAWINGS OVER SCALED DIMENSIONS, AND NOTED MATERIAL OVER GRAPHIC REPRESENTATIONS.

21. THE CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS WHICH ANY SECTION OR PART OF THE DRAWINGS, SPECIFICATIONS, OR CONDITIONS REQUIRE HIM TO PROVIDE, REGARDLESS OF WHETHER SUCH REQUIREMENT IS OR IS NOT FAITHFULLY REPEATED IN OTHER PARTS OF THE DOCUMENTS THEREOF TO WHICH THE PROVISIONS MIGHT BE APPLICABLE.

23. ALL EXISTING SPRAY ON FIREPROOFING TO REMAIN. ANY FIREPROOFING THAT IS DAMAGED DURING THE WORK PREFORMED UNDER THIS CONTRACT IS TO BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.

24. PROVIDE ALL DEMOLITION WORK AS NECESSARY TO ACCOMPLISH THE WORK INCLUDING THE REMOVAL OF ALL ITEMS WHICH ARE EXPOSED & ARE NOT TO REMAIN. WHERE PERMANENT REMOVAL OF ITEMS IS REQUIRED, AND PREVIOUSLY CONCEALED SURFACES ARE TO REMAIN EXPOSED, PATCH PREVIOUSLY CONCEALED SURFACES TO MATCH ADJACENT EXPOSED SURFACES, WHERE SUCH SURFACES ARE SCHEDULED TO RECEIVE NEW FINISHES, PREPARE THE SURFACES TO RECEIVE THE NEW FINISHES.

25. WHERE DEMOLITION AND/OR REMOVAL IS INDICATED, IT IS INTENDED TO SHOW THE GENERAL NATURE OF EXISTING CONDITIONS AND EXTENT OF WORK. IT IS NOT TO BE CONSIDERED A RECORD DRAWING OF EXISTING CONDITIONS.

26. PROVIDE TEMPORARY AND PERMANENT SUPPORT AS NECESSARY TO MAINTAIN THE INTEGRITY OF EXISTING STRUCTURES.

27. VERIFY W/ OWNER ITEMS TO BE SALVAGED AND RETURNED TO OWNER. ALL ITEMS TO BE SALVAGED SHALL BE CAREFULLY REMOVED SO AS TO ALLOW FOR REUSE.

28. ANY EXISTING DOORS, FINISH HARDWARE, CONTROLS, SCHEDULED TO BE REMOVED SHALL BE SALVAGED AND RETURNED TO THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ITEMS THE OWNER DOES NOT WANT TO BE SALVAGED.

29. FIELD VERIFY AND COORDINATE ALL ITEMS, DIMENSIONS, CONDITIONS, AND QUANTITIES, ETC.

30. IT IS MANDATORY THAT THE COMPLETE EXISTING BUILDING REMAIN IN CONTINUOUS AND NON-INTERRUPTED OPERATION DURING REMODELING/ALTERING OF SAID EXISTING BUILDING. THE SPECIFIC AREAS BEING REMODELED/ALTERED AT ANY SCHEDULED TIME ARE OBVIOUSLY EXCLUSIVE OF THIS STATEMENT. SERVICES TO EXISTING BUILDING SHALL BE KEPT IN CONTINUOUS OPERATION INCLUDING POWER, SIGNAL SYSTEMS, LIGHTING, TELEPHONE HEATING, COOLING, VENTILATING, TEMPERATURE CONTROLS, SEWERS AND HOT AND COLD WATER, ANY ABSOLUTELY NECESSARY INTERRUPTION OF THESE SERVICES TO ACCOMPLISH CONTRACT WORK SHALL BE ARRANGED THROUGH THE ARCHITECT WITH THE OWNER A MINIMUM OF FIVE (5) WORKING DAYS IN ADVANCE. SUCH INTERRUPTIONS SHALL BE KEPT TO AN ABSOLUTE MINIMUM AS FAR AS TIME INTERVAL IS INVOLVED AND TEMPORARY SERVICES SHALL BE FURNISHED UNDER THIS CONTRACT WHERE NECESSARY TO ACCOMPLISH THIS PURPOSE. TEMPORARIES SHALL BE REMOVED BY THE CONTRACTOR ONLY AFTER NEW PERMANENT SERVICES ARE INSTALLED AND FULLY OPERATIONAL.

FLOOR PLANS

1. ALL WALLS SHALL BE FULL HEIGHT TO UNDERSIDE OF FLOOR SLAB/ROOF DECK, U.L.O.

2. SEE CODE COMPLIANCE PLANS FOR FIRE RATING OF WALLS AND U L RATED ASSEMBLY TO BE FOLLOWED.

3. GENERAL CONTRACTOR TO PROVIDE NECESSARY BLOCKING FOR ALL OWNER PROVIDED EQUIPMENT.

4. DOORS JAMB, HINGE SIDE, TO BE 4" FROM ADJACENT WALL U.N.O.

5. FURNITURE SHOWING FOR REFERENCE ONLY.

6. CONTRACTOR SHALL PROVIDE CONCEALED BLOCKING FOR, INCLUDING, BUT NOT LIMITED TO SHELVING AND OTHER OWNER FURNISHED EQUIPMENT.

7. PROVIDE BLOCKING BETWEEN JOISTS AT TOP OF NEW NON BEARING PARTITION WALLS PARALLEL TO JOISTS ABOVE.

8. PROVIDE BLOCKING BETWEEN JOISTS BELOW NON BEARING PARTITION WALLS PARALLEL TO JOISTS.

9. CONTRACTOR SHALL COORDINATE ALL DEMOLITION NOT NECESSARILY SHOWN BUT REQUIRED WITH SCOPE OF NEW WORK.

10. FIELD VERIFY AND COORDINATE ALL ITEMS, DIMENSIONS, CONDITIONS, AND QUANTITIES, ETC.

REFLECTED CEILING PLANS

1. ALL CEILING HEIGHTS TO BE 9' - 4" AFF U.O.N.

2. ALL CEILINGS TO CEILING GRID TO BE CENTERED IN ROOM U.N.O.

3. NO CEILING TILES TO BE SMALLER THAN 6" IN ANY ONE DIMENSION.

4. CONTRACTOR TO COORDINATE ALL MOUNTING TRIM AND METHODS REQUIREMENTS FOR ALL FIXTURES AS REQUIRED FOR VARYING CEILING TYPES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECT INSTALLATION IN SUBMITTAL OF CONFLICTS OR ERRORS.

5. ALL SPRINKLER HEADS TO BE CENTERED IN TILE.

6. ALL LIGHTS TO BE CENTERED IN ROOM U.N.O. OR INDICATED BY GRID LOCATION.

7. PROVIDE ACCESS PANELS AS REQUIRED FOR REQUIRED ACCESS TO CEILING PLUMBING FOR SERVICING. PROVIDE CONCEALED EDGES (MUD-IN) FOR ALL ACCESS PANELS.

8. FIELD VERIFY AND COORDINATE ALL ITEMS, DIMENSIONS, CONDITIONS, AND QUANTITIES, ETC.

9. FOR ACoustICAL PANEL CEILINGS: WALL MOUNTING SHALL HAVE CONTINUOUS BEAD OF SEALANT APPLIED TO BACKLAGE BEFORE BEING FASTENED TO WALL.

10. FOR ACoustICAL PANEL CEILINGS: ALL WALL CORNERS SHALL RECEIVE PRE-FABRICATED WALL MOUNTING CORNERS. FIELD MODIFIED/CUTTED GRID FOR CORNER APPLICATIONS ARE NOT ACCEPTABLE.

REMODELING

1. BEFORE BEGINNING WORK AT THE SITE AND THROUGHOUT THE COURSE OF THE WORK, INSPECT AND VERIFY THE LOCATION AND CONDITION OF EVERY ITEM AFFECTED BY THE WORK UNDER THIS CONTRACT AND REPORT DISCREPANCIES TO THE ARCHITECT BEFORE BEGINNING WORK.

2. BEFORE BEGINNING WORK AT THE SITE, INSPECT THE EXISTING BUILDING AND DETERMINE THE EXTENT OF EXISTING FINISHES, SPECIALTIES, EQUIPMENT AND OTHER ITEMS WHICH MUST BE REMOVED AND REINSTALLED IN ORDER TO PERFORM THE WORK UNDER THIS CONTRACT.

3. THE ARCHITECTURAL DRAWINGS SHOW PRINCIPLE AREAS WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. INCIDENTAL WORK MAY ALSO BE NECESSARY IN AREAS NOT SHOWN ON THE ARCHITECTURAL DRAWINGS DUE TO CHANGES AFFECTING THE EXISTING MECHANICAL, ELECTRICAL, PLUMBING OR OTHER SYSTEMS. SUCH INCIDENTAL WORK IS ALSO PART OF THIS CONTRACT. INDIVIDUAL TRADE CONTRACTORS TO INSPECT THOSE AREAS, AND ASCERTAIN WORK NEEDED, AND DO THAT WORK IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS AT NO ADDITIONAL COST. PROTECT EXISTING WORK TO REMAIN FROM DAMAGE.

4. REPAIR, PATCH AND FINISH OR REPLACE AS APPLICABLE TO MATCH ADJACENT EXISTING FINISHES THOSE EXISTING SURFACES DAMAGED OR NEWLY EXPOSED DURING PERFORMANCE OF THE WORK UNDER THIS CONTRACT.

5. WHERE MATCH EXISTING IS INDICATED, NEW CONSTRUCTION OR FINISHES AS APPROPRIATE TO THE NOTE SHALL MATCH THE EXISTING IN EVERY PARTICULAR.

6. WORK SHOWN IS NEW UNLESS SPECIFICALLY NOTED OR OTHERWISE INDICATED.

7. DETERMINE THE LOCATION OF PARTITIONS NOT DIMENSIONED BY THEIR RELATION TO COLUMN FACE OR CENTER, WINDOW JAMB OR MULLION, EXISTING WALLS OR OTHER SIMILAR FIXED ITEM.

8. WHERE PERMANENT REMOVAL OF ITEMS IS REQUIRED, AND PREVIOUSLY CONCEALED SURFACES ARE TO REMAIN EXPOSED, PATCH PREVIOUSLY CONCEALED SURFACES TO MATCH ADJACENT EXPOSED SURFACES, WHERE SUCH SURFACES ARE SCHEDULED TO RECEIVE NEW FINISHES, PREPARE THE SURFACES TO RECEIVE THE NEW FINISHES.

9. WHERE CUTTING OF EXISTING SURFACES OR REMOVAL OF EXISTING SURFACES IS REQUIRED TO PERFORM THE WORK UNDER THIS CONTRACT, AND NEW FINISH IS NOT INDICATED, FILL RESULTING OPENINGS AND PATCH THE SURFACE AFTER DOING THE WORK; FINISH TO MATCH ADJACENT EXISTING SURFACES.

10. WHERE CONDUTTS, DUCTS, AND SIMILAR ITEMS ARE SHOWN TO BE INSTALLED IN EXISTING WALLS OR PARTITIONS, NEATLY CHASE THE WALLS OR PARTITIONS, INSTALL THE ITEMS, AND PATCH THE WALLS OR PARTITIONS TO MAKE THE INSTALLATION NOT DISCERNIBLE IN THE FINISH WORK.

11. SEAL TIGHT AND PROTECT WITH FIRE SAFING AND CAULKING, NEW SLEEVES AND OPENINGS IN FLOORS.

12. INSTALL ALL NEW CONDUTTS, PIPES, WIRING AND DUCTS ABOVE NEW OR EXISTING CEILING. REMOVE EXISTING CEILING AS NECESSARY TO PERFORM THE WORK. AFTER INSTALLATION OF CONCEALED WORK, REINSTALL REMOVED CEILING AND PATCH AND REFINISH TO MATCH ADJACENT UNREMOVED CEILINGS.

13. REFER TO NEW WORK PLANS TO COORDINATE EXTENT OF DEMOLITION.

14. REFER TO OTHER DISCIPLINE DRAWINGS FOR ADDITIONAL DEMOLITION REQUIRED. CONTRACTOR TO NOTIFY ARCHITECT IMMEDIATELY UPON DISCOVERY OF CONFLICT OR DISCREPANCY WITH ITEMS INDICATED TO BE REMOVED.

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17. AT ALL AREAS WITHIN THE EXISTING BUILDING WHERE DEMOLITION AND RENOVATION ACTIVITIES ARE SCHEDULED TO OCCUR, CONTRACTOR SHALL REMOVE ALL MECHANICAL, SUPPLY DIFFUSERS AND RETURN GRILLES, AND ALL ASSOCIATED ITEMS AND EQUIPMENT. MODIFY DUCTWORK AS REQUIRED TO REMAIN IN PLACE AND PATCH AND REFINISH TO MATCH ADJACENT UNREMOVED CEILING AND PATCH AND REFINISH TO MATCH ADJACENT UNREMOVED CEILINGS.

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19. SHOULD DISCREPANCIES APPEAR AMONG THE CONTRACT DOCUMENTS OR BETWEEN THE CONTRACT DOCUMENTS AND EXISTING SITE CONDITIONS, THE CONTRACTOR SHALL REQUEST AN INTERPRETATION FROM THE ARCHITECT BEFORE BIDDING. IF THE CONTRACTOR FAILS TO MAKE SUCH REQUESTS, IT IS PRESUMED THAT BOTH PROVISIONS WERE INCLUDED IN THE BID, AND THE ARCHITECT SHALL DETERMINE WHICH OF THE CONFLICTING REQUIREMENTS SHALL GOVERN. THE CONTRACTOR SHALL PERFORM THE WORK AT NO ADDITIONAL COST TO THE OWNER IN ACCORDANCE WITH THE ARCHITECT'S DETERMINATION, WHERE CONFLICT EXISTS BETWEEN OR WITHIN THE CONTRACT DOCUMENTS BETWEEN THE CONTRACT DOCUMENTS AND APPLICABLE STANDARDS, CODES, ORDINANCES, OR MANUFACTURER'S RECOMMENDATIONS, AND CLARIFICATION HAS NOT BEEN REQUESTED FROM THE ARCHITECT PRIOR TO BIDDING AS PROVIDED FOR ABOVE. THE MORE STRINGENT OR HIGHER QUALITY STANDARD SHALL PREVAIL.

20. LARGE SCALE DRAWINGS SHALL TAKE PRECEDENCE OVER SMALL SCALE DRAWINGS, FIGURED DIMENSIONS ON THE DRAWINGS OVER SCALED DIMENSIONS, AND NOTED MATERIAL OVER GRAPHIC REPRESENTATIONS.

21. THE CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS WHICH ANY SECTION OR PART OF THE DRAWINGS, SPECIFICATIONS, OR CONDITIONS REQUIRE HIM TO PROVIDE, REGARDLESS OF WHETHER SUCH REQUIREMENT IS OR IS NOT FAITHFULLY REPEATED IN OTHER PARTS OF THE DOCUMENTS THEREOF TO WHICH THE PROVISIONS MIGHT BE APPLICABLE.

17. FASCIA AND ROOFING MATERIAL SHALL BE REPLACED AS REQUIRED TO COMPLETE ADJACENT WORK.

18. ALL REMOVED EXISTING FACE BRICK SHALL BE CLEANED AND STOCKPILED FOR USE BY THE OWNER.

19. FIELD VERIFY AND COORDINATE ALL ITEMS, DIMENSIONS, CONDITIONS, AND QUANTITIES, ETC.

20. IT IS MANDATORY THAT THE COMPLETE EXISTING BUILDING REMAIN IN CONTINUOUS AND NON-INTERRUPTED OPERATION DURING REMODELING/ALTERING OF SAID EXISTING BUILDING. THE SPECIFIC AREAS BEING REMODELED/ALTERED AT ANY SCHEDULED TIME ARE OBVIOUSLY EXCLUSIVE OF THIS STATEMENT. SERVICES TO EXISTING BUILDING SHALL BE KEPT IN CONTINUOUS OPERATION INCLUDING POWER, SIGNAL SYSTEMS, LIGHTING, TELEPHONE HEATING, COOLING, VENTILATING, TEMPERATURE CONTROLS, SEWERS AND HOT AND COLD WATER, ANY ABSOLUTELY NECESSARY INTERRUPTION OF THESE SERVICES TO ACCOMPLISH CONTRACT WORK SHALL BE ARRANGED THROUGH THE ARCHITECT WITH THE OWNER A MINIMUM OF FIVE (5) WORKING DAYS IN ADVANCE. SUCH INTERRUPTIONS SHALL BE KEPT TO AN ABSOLUTE MINIMUM AS FAR AS TIME INTERVAL IS INVOLVED AND TEMPORARY SERVICES SHALL BE FURNISHED UNDER THIS CONTRACT WHERE NECESSARY TO ACCOMPLISH THIS PURPOSE. TEMPORARIES SHALL BE REMOVED BY THE CONTRACTOR ONLY AFTER NEW PERMANENT SERVICES ARE INSTALLED AND FULLY OPERATIONAL.

ROOF PLANS

1. CONTRACTOR TO COORDINATE ALL ROOF EQUIPMENT, VENTS, FANS, ETC. WITH ARCHITECTURAL ROOF PLAN. REFER TO OTHER DISCIPLINE DRAWINGS FOR ADDITIONAL PENETRATION REQUIREMENTS.

2. PROVIDE CRICKETS TO FACILITATE FLOW OF DRAINAGES @ OR PERCENTAGE OF SLOPE AND OBSTRUCTIONS. CRICKETS SHALL HAVE A 1/2" PER FOOT SLOPE.

3. CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION, SUCH AS PLYWOOD, OF NEWLY ROOFED AREAS USED AS WORK ACCESS OR STAGING AREAS.

4. CONTRACTOR SHALL VERIFY PRIOR TO INSTALLATION LOCATIONS OF SECONDARY INTERNAL ROOF DRAINS (MAX. 4" ABOVE PRIMARY ROOF DRAINS) AND PROVIDE FLASHING UNDER THE CONTRACTOR'S RESPONSIBILITY.

5. CONTRACTOR SHALL NEVER LEAVE THE SITE UNTIL THE AFFECTED ROOF AREA IS WATERTIGHT.

6. PROVIDE SADDLES AT HIGH SIDE OF ALL EQUIPMENT CURBS AND AT ROOF HATCHES FOR POSITIVE DRAINAGE TO ROOF DRAINS.

7. FINAL LOCATION OF MECHANICAL ROOF TOP UNITS SHALL BE COORDINATED WITH HVAC CONTRACTOR.

8. ALL CURBS AND THROUGH WALL FLASHING TO BE A MINIMUM OF 12" ABOVE ROOF STRUCTURE.

9. CONTRACTOR TO CONSOLIDATE ROOFING PENETRATIONS AND PLACE IN AREAS NOT READILY SEEN.

10. CONTRACTOR TO PAINT ALL ROOFING PENETRATIONS TO MATCH ROOF COLOR (AS SELECTED BY ARCHITECT FROM MANUFACTURERS FULL RANGE).

11. ALL SHEET METAL FLASHING AND TRIM TO BE FREE FROM OIL CANNING, DIMPLING, AND ALL OTHER SURFACE IMPERFECTIONS.

12. CONTRACTOR SHALL LIMIT OPERATIONS OF THE REMOVAL OF THE EXISTING ROOF TO THAT AREA THAT IS TO BE REMOVED AND MADE WATERTIGHT PRIOR TO LEAVING THE SITE AT THE END OF EACH DAY.

13. MODIFY ALL EXISTING CURBS AS REQUIRED TO RAISE EQUIPMENT SUCH THAT THERE IS A MINIMUM OF 12" FROM TOP OF ROOF ASSEMBLY TO TOP OF CURB.

14. FIELD VERIFY AND COORDINATE ALL ITEMS, DIMENSIONS, CONDITIONS, AND QUANTITIES, ETC.

15. ALL NEW EXTERIOR GAS PIPE WORK ON ROOFS TO BE PAINTED SAFETY YELLOW. ALL NEW EXTERIOR DUCTWORK TO BE PAINTED COLOR TO BE SELECTED BY ARCHITECT (TYP.).

16. REMOVAL, REPLACEMENT, PATCHING AND REPAIR OF EXISTING ROOFING MATERIALS SHALL BE ACCOMPLISHED BY METHODS AND MATERIALS SO AS NOT TO DETERIORATE THE EXISTING STRUCTURE OR CAUSE VARIATIONS. USE REPAIR MATERIALS IDENTICAL TO EXISTING MATERIALS. (TYP.).

SITE PLANS

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINING ALL SITE CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK WHICH MAY REQUIRE SPECIFIC ATTENTION OR COORDINATION.

2. CONTRACTOR SHALL REPAIR OR REPLACE ALL DAMAGED SIDEWALKS, CURBS, OR PAVING AS A RESULT OF CONSTRUCTION ACTIVITIES TO REMAIN IN PLACE AND IN GOOD CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECT INSTALLATION OF ANY NEW SIDEWALK, CURB, OR PAVING, INCLUDING BUT NOT LIMITED TO SOIL WEATHER, RAIN, SNOW, ETC.

4. WHICH WOULD NECESSITATE FURTHER EXCAVATION AND ADDITIONAL SUB GRADE MATERIALS.

5. CONTRACTOR TO PROTECT NEW AND EXISTING TREES AND LANDSCAPING. CONTRACTOR RESPONSIBLE FOR RESTORING THE SAME.

6. EXISTING TREES IN THE WAY OF NEW CONSTRUCTION THAT CAN BE SUCCESSFULLY TRANSPLANTED OR RELOCATED SHOULD BE DONE. CONSULT ARCHITECT FOR NEW LOCATIONS.

7. CONTRACTOR TO HYDROSEAL ALL GRASS AREAS ALONG NEW BUILDING PERIPHERY WHICH MAY BE DAMAGED DUE TO CONSTRUCTION.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS AND QUANTITIES AS REQUIRED TO COMPLETE THE WORK IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. THE CONTRACTOR WILL NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES OR CHANGES REQUIRED TO COMPLETE THE WORK BEFORE ANY ACTION MAY BE TAKEN. ALL CHANGES OR CHANGE ORDERS MUST BE APPROVED BY THE ARCHITECT AND OWNER BEFORE ANY CHANGES ARE EXECUTED.

9. THE CONTRACTOR SHALL NOTIFY J.U.I.L.E. (800-892-0123) 72 HOURS PRIOR TO CONSTRUCTION FOR LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR PROTECTION OF THE SAME.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PRIVATE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITIES DAMAGED DURING THE CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE. NO TREE SHALL BE PLANTED WITHIN 10 LATERAL FEET OF ANY OVERHEAD UTILITY WIRE OR OTHER UTILITY.

11. ALL NECESSARY SITE WORK



STUDIO GC

223 West Jackson Boulevard, Suite 1200
Chicago, Illinois 60606
(312) 253-3400

Glenview Public Library

Glenview Public Library

1930 Glenview Rd, Glenview, IL 60025

ARCHITECTURAL ABBREVIATIONS AND SYMBOLS

AB	ANCHOR BOLT	JAN	JANITOR
AC	ACOUSTIC	JT	JOINT
A.C.T.	ACOUSTICAL CEILING TILE	LAM.	LAMINATE
AFF	ABOVE FINISHED FLOOR	LAV.	LAVATORY
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	L.G.	LONG
ALUM.	ALUMINUM	LL	LIVE LOAD
&		HC	HOLLOW CORE
@	AT	HM	HOLLOW METAL
BB	BULLETIN BOARD	HORIZ.	HORIZONTAL
BD.	BOARD	HT.	HEIGHT
BIT	BITUMINOUS	IF	INSIDE FACE
BLDG	BUILDING	INSUL.	INSULATION
BLK.	BLOCK	INT.	INTERIOR
BLKG.	BLOCKING	MAS.	MASONRY
BM.	BEAM	MATL.	MATERIAL
BOT.	BOTTOM	MAX.	MAXIMUM
BRG.	BEARING	MB	MARKERBOARD
BTN.	BETWEEN	MECH.	MECHANICAL
BUR	BUILT-UP ROOF	MANUF.	MANUFACTURER
CB	CABINET	MIN.	MINIMUM
CAB	CHALKBOARD	MISC.	MISCELLANEOUS
CEL.	CEILING	M.T.O.	MASONRY OPENING
CL.	CENTERLINE	ML.	METAL
CLO.	CLOSET	M.T.D.	MOUNTED
CLR.	CLEAR	N.I.C.	NOT IN CONTRACT
CLRM.	CLASSROOM	NO. #	NUMBER
CMU	CONCRETE MASONRY UNIT	NS	NO SCALE
CO	CLEAN OUT	OC	OUTSIDE FACE
COL.	CONCRETE COLUMN	O.H.	OPPOSITE HAND
CONC.	CONCRETE	OPG.	OPENING
COND.	CONDITION	OPP.	OPPOSITE
CONST.	CONSTRUCTION	PART.	PARTITION
CONT.	CONTINUOUS	PC	PRECAST
CONTR	CONTRACTOR	PLAS	PLASTIC

CORR.	CORRIDOR	PL	PLATE
CPT.	CARPET	QT.	QUART
CT	CERAMIC TILE	R.	RISER TILE
DET.	DETAIL	RD.	RADIUS
DF	DRINKING FOUNTAIN	RD	ROOF DRAIN
DIA.	DIAMETER	REINF.	REINFORCING
DM.	DIMENSION	REQD.	REQUIRED
DL	DEAD LOAD	RM.	ROOM
DR.	DOOR	SEC.	SECT. CORE
DRWG.	DRAWING	SC	SOLID
DS	DOWNSPOUT	SF	SQUARE FOOT
EAF	EACH	SHT.	STRUCTURAL GLAZED TILE
EIA	EXTERIOR INSULATED FINISH SYSTEM	SHT.	SHEET
EL	ELEVATIONS (USGS)	SIM.	SIMILAR
ELEV.	ELEVATION	SP.	SPACES
EQ.	EQUAL	SPEC.	SPECIFICATION
EQUIP.	EQUIPMENT	SQ.	SQUARE
EW	EACH WAY	SS	STAINLESS STEEL
EWC	ELECTRIC WATER COOLER	STL	STEEL
EXIST.	EXISTING	STOR.	STORAGE
EXP.	EXPANSION	STRUCT.	STRUCTURAL
EXT.	EXTERIOR	SUPT.	SUPPORT
FBO	FURNISHED BY OTHERS	SUSP.	SUSPENDED
FD	FLOOR DRAIN	\$Y.	SQUARE YARD
FDN.	FOUNDATION		TREAD
FEC	FIRE EXTINGUISHER CABINET	TB	TACK BOARD
FIN.	FINISH	TEMP.	TEMPERED
FLR.	FLOOR	THK.	THICK
FLR.	FLOOR	TL	TOTAL LOAD
FR	FRAME	TOIL.	TOILET
FRMG.	FRAMING	TRP.	TYPICAL
FTG.	FOOTING		TOP OF
GA.	GAUGE	UON	UNLESS OTHERWISE NOTE
GALV.	GALVANIZED	VCT	VINYL COMPOSITION TILE
GC	GENERAL CONTRACTOR	VERT.	VERTICAL
GENR.	GENERAL	VEST.	VESTIBULE
GFRG	GLASS FIBER REINFORCED GYPSUM	V.I.F.	VERIFY IN FIELD
GFRG	GLASS FIBER REINFORCED GYPSUM	WC	WATER CLOSET
		WD.	WOOD
GL.	GLASS	WWF	WELDED WIRE FABRIC
GYP. BD.	GYPSUM BOARD	W/	WITH
		W/O	WITHOUT

NO	ISSUE	DATE
	Bid Set	06/16/2025

[illegible]

GENERAL NOTES AND ABBREVIATIONS

G0.00

25007

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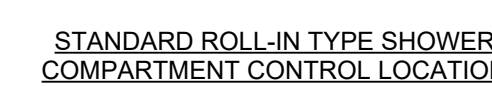
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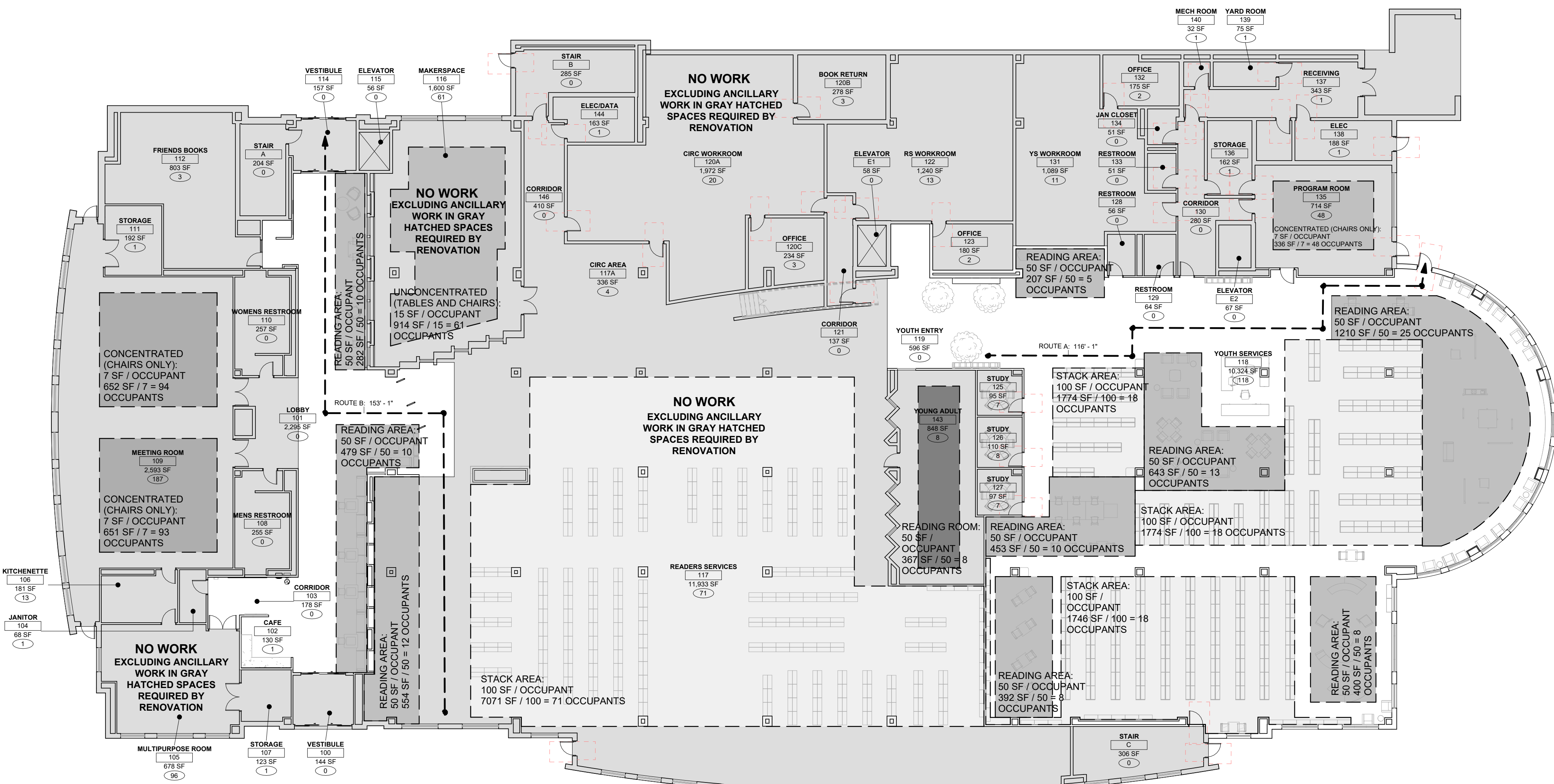
ACCESSIBILITY DIAGRAMS

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1 FIRST FLOOR CODE COMPLIANCE PLAN
1/16" = 1'-0"

- GENERAL NOTES - CODE COMPLIANCE**
- PROJECT SHALL REMAIN IN COMPLIANCE WITH ALL ASPECTS OF ALL GOVERNING CODES AND ORDINANCES THROUGHOUT THE COURSE OF CONSTRUCTION.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING ALL REQUIRED SHOP DRAWINGS AND CUT SHEETS FOR LIFE SAFETY SYSTEM TO THE LOCAL AUTHORITY HAVING JURISDICTION.
 - CONTRACTOR SHALL ORGANIZE A MEETING WITH THE LOCAL AUTHORITY HAVING JURISDICTION TO REVIEW THE LOCATIONS OF ALL LIFE SAFETY DEVICES AND EQUIPMENT PRIOR TO THEIR INSTALLATION.
 - PROVIDE ALL PARTITION TYPES PER SHEET G2.00.

OCCUPANT LOAD FACTORS (IBC TABLE 1004.5)	
FUNCTION OF SPACE	FLOOR AREA ALLOWANCE PER OCCUPANT
ASSEMBLY	
CAFETERIA (TABLES AND CHAIRS)	15 SF (NET)
GYMNASIUM (BLEACHERS)	18 LIN. INCHES
GYMNASIUM (MAIN COURT/SIDELINES)	15 SF (NET)
COMMON AREAS	15 SF (NET)
CONFERENCE ROOMS	15 SF (NET)
STAFF LOUNGE	15 SF (NET)
SERVARY	15 SF (NET)
STAGES AND PLATFORMS	15 SF (NET)
SKATING RINKS, SWIMMING POOLS	50 SF (GROSS)
SKATING RINKS, SWIMMING POOLS (DECK)	15 SF (GROSS)
STANDING SPACE	5 SF (NET)
CONCENTRATED (CHAIRS ONLY, NOT FIXED)	7 SF (NET)
UNCONCENTRATED (TABLES AND CHAIRS)	15 SF (NET)
BUSINESS	
OFFICE	100 SF (GROSS)
RECEPTION AREAS	100 SF (GROSS)
STAFF WORK ROOMS	100 SF (GROSS)
EDUCATIONAL	
CLASSROOM	20 SF (NET)
LABS, VOCATIONAL, SHOPS	50 SF (NET)
ART ROOMS	50 SF (NET)
LOCKER/SHOWER ROOMS	50 SF (NET)
INDUSTRIAL	
INDUSTRIAL AREAS	100 SF (GROSS)
KITCHEN	
COMMERCIAL	200 SF (GROSS)
LIBRARY/MEDIA CENTER	
READING ROOM	50 SF (NET)
STACKS	100 SF (GROSS)
MERCANTILE	
GRADE	30 SF (GROSS)
OTHER FLOOR	30 SF (GROSS)
OTHER	
CIRCULATION AREAS	N/A
TOILET ROOMS	N/A
STORAGE	
GENERAL STORAGE	300 SF (GROSS)
MECHANICAL/ELECTRICAL	300 SF (GROSS)
LOADING AREAS	300 SF (GROSS)

ROOM OCCUPANCY SCHEDULE					
NUMBER	NAME	AREA	ROOM OCCUPANCY STYLE	FLOOR AREA ALLOWANCES PER OCCUPANT	ROOM OCCUPANCY (CALCULATED) ROOM OCCUPANCY
T/ FIRST FLOOR					
100	VESTIBULE	144 SF	CIRCULATION AREAS	0	0
101	LOBBY	2,295 SF	CIRCULATION AREAS	0	0
102	CAFE	130 SF	COMMERCIAL	200	1
103	CORRIDOR	178 SF	CIRCULATION AREAS	0	0
104	JANITOR	68 SF	GENERAL STORAGE	300	1
105	MULTIPURPOSE ROOM	678 SF	CONCENTRATED (CHAIRS ONLY, NOT FIXED)	7	97
106	KITCHENETTE	181 SF	STAFF LOUNGE	15	13
107	STORAGE	123 SF	GENERAL STORAGE	300	1
108	MENS RESTROOM	255 SF	TOILET ROOMS	0	0
109	MEETING ROOM	2,593 SF	CONCENTRATED (CHAIRS ONLY, NOT FIXED)	7	371
110	WOMENS RESTROOM	257 SF	TOILET ROOMS	0	0
111	STORAGE	192 SF	GENERAL STORAGE	300	1
112	FRIENDS BOOKS	803 SF	GENERAL STORAGE	300	3
114	VESTIBULE	157 SF	GENERAL STORAGE	300	1
115	ELEVATOR	56 SF	CIRCULATION AREAS	0	0
116	MAKERSPACE	1,600 SF	UNCONCENTRATED (TABLES AND CHAIRS)	15	107
117	READERS SERVICES	11,933 SF	STACKS	100	120
117A	CIRC AREA	336 SF	OFFICE	100	4
118	YOUTH SERVICES	10,324 SF	STACKS	100	104
119	YOUTH ENTRY	596 SF	CIRCULATION AREAS	0	0
120A	CIRC WORKROOM	1,972 SF	STAFF WORK ROOMS	100	20
120B	BOOK RETURN	278 SF	STAFF WORK ROOMS	100	3
120C	OFFICE	234 SF	OFFICE	100	3
121	CORRIDOR	137 SF	CIRCULATION AREAS	0	0
122	RS WORKROOM	1,240 SF	STAFF WORK ROOMS	100	13
123	OFFICE	180 SF	OFFICE	100	2
125	STUDY	95 SF	UNCONCENTRATED (TABLES AND CHAIRS)	15	7
126	STUDY	110 SF	UNCONCENTRATED (TABLES AND CHAIRS)	15	8
127	STUDY	97 SF	UNCONCENTRATED (TABLES AND CHAIRS)	15	7
128	RESTROOM	56 SF	TOILET ROOMS	0	0
129	RESTROOM	64 SF	TOILET ROOMS	0	0
130	CORRIDOR	280 SF	CIRCULATION AREAS	0	0
131	YS WORKROOM	1,089 SF	STAFF WORK ROOMS	100	11
132	OFFICE	175 SF	OFFICE	100	2
133	RESTROOM	51 SF	TOILET ROOMS	0	0
134	JAN CLOSET	51 SF	GENERAL STORAGE	300	1
135	PROGRAM ROOM	714 SF	CONCENTRATED (CHAIRS ONLY, NOT FIXED)	7	103
136	STORAGE	162 SF	GENERAL STORAGE	300	1
137	RECEIVING	343 SF	LOADING AREAS	300	2
138	ELEC	188 SF	GENERAL STORAGE	300	1
139	YARD ROOM	75 SF	GENERAL STORAGE	300	1
140	MECH ROOM	32 SF	MECHANICAL/ELECTRICAL	300	1
143	YOUNG ADULT	848 SF	READING ROOM	50	17
144	ELEC/DATA	163 SF	GENERAL STORAGE	300	1
146	CORRIDOR	410 SF	CIRCULATION AREAS	0	0
A	STAIR	204 SF	CIRCULATION AREAS	0	0
B	STAIR	285 SF	CIRCULATION AREAS	0	0
C	STAIR	306 SF	CIRCULATION AREAS	0	0
E1	ELEVATOR	58 SF	CIRCULATION AREAS	0	0
E2	ELEVATOR	67 SF	CIRCULATION AREAS	0	0
		42,863 SF			695

CODE COMPLIANCE

SCOPE OF WORK IS LIMITED TO TARGETED INTERIOR RENOVATION WORK AND THE REPLACEMENT OF ROOF TOP MECHANICAL UNITS. THE PROJECT DOES NOT MODIFY THE BUILDING CONSTRUCTION TYPE, ITS AREA, OR ITS HEIGHT.

BUILDING DATA:
CONSTRUCTION CLASSIFICATION: NO CHANGE IN EXISTING CLASSIFICATION TYPE IIIB
OCCUPANCY: NO CHANGE IN EXISTING CLASSIFICATIONS: A-3, B, S-1

ALLOWABLE AREA (PER IBC SECTION 503):
BUILDING AREA WITH MODIFICATIONS: NO CHANGE IN EXISTING BUILDING AREA FROM ORIGINAL CONSTRUCTION.

ALLOWABLE HEIGHT (PER IBC SECTION 504):
HEIGHTS: ACTUAL ALLOWABLE
NO CHANGE IN EXISTING BUILDING HEIGHT FROM ORIGINAL CONSTRUCTION.

GENERAL FIRE RESISTANCE RATED ELEMENTS:
STRUCTURAL FRAME 0 HOURS
EXTERIOR BEARING WALLS 2 HOURS
INTERIOR BEARING WALLS 0 HOURS
NON BEARING WALLS AND PARTITIONS 0 HOURS
EXTERIOR (PER TABLE 602) 0 HOURS (PER SEPARATION DISTANCE)
FLOOR CONSTRUCTION 0 HOURS
ROOF CONSTRUCTION 0 HOURS
FIRE WALL (FOR BUILDING SEPARATION) 0 HOURS
FIRE BARRIERS (FOR EGRESS COMPONENTS AND ACCESSORY SPACES) 0 HOURS

REFER TO US ASSEMBLY SCHEDULE FOR CONSTRUCTION OF REQUIRED FIRE RESISTANCE RATED ELEMENTS.

AREA OF EXTERIOR WALL OPENINGS (PER IBC TABLE 705.8.1):
NO CHANGE IN EXTERIOR WALL OPENINGS. EXISTING BUILDING IS IN COMPLIANCE BASED ON SEPARATION DISTANCES.

INTERIOR FINISHES:
GROUP A-3:
EXIT ENCLOSURES AND EXIT PASSAGEWAYS: CLASS A
CORRIDORS: CLASS A
ROOMS AND ENCLOSED SPACES: CLASS C

WHOLE BUILDING FIRE ALARM AND FIRE PROTECTION SYSTEM:
EXISTING FIRE ALARM SYSTEM IS TO REMAIN AND BE MODIFIED PER NEW WORK. EXISTING BUILDING IS NOT SPRINKLERED.

EGRESS WIDTH IN NON-SPRINKLED BUILDINGS (PER IBC SECTION 1005):
STAIRWAYS (1005.3.1): 0.3 INCH / OCCUPANT
CORRIDORS (1005.3.2): 0.2 INCH / OCCUPANT

EXITING IN NON-SPRINKLED BUILDING:
COMMON PATH OF TRAVEL (PER IBC TABLE 1006.2.1): 75'-0" MAXIMUM
EXIT TRAVEL DISTANCE (PER IBC TABLE 1017.2): 200'-0" MAXIMUM
DEAD ENDS (PER IBC 1020.4): 20'-0" MAXIMUM
MINIMUM NUMBER OF EXITS PER STORY (PER IBC TABLE 1006.3.2):
LOWER LEVEL: 84 OCCUPANTS 2 EXITS (2 PROVIDED)
MAIN LEVEL: 80 OCCUPANTS 2 EXITS (2 PROVIDED)
UPPER LEVEL: 71 OCCUPANTS 2 EXITS (2 PROVIDED)

1 HOUR RATED SEPARATION
THIS SYMBOL INDICATES A ONE HOUR RATED FIRE SEPARATION ASSEMBLY AS INDICATED ON THE FLOOR PLANS. THIS PARTITION MAY BE BEARING OR NON-BEARING AND IS CONSTRUCTED OF PARTITION TYPES INDICATED ON THE FLOOR PLANS. THIS PARTITION SHALL BE CONSTRUCTED CONTINUOUSLY FROM FLOOR SLAB TO UNDERSIDE OF ROOF DECK ABOVE. PENETRATIONS IN THESE PARTITIONS SHALL BE 60 MIN RATED UL LISTED ASSEMBLIES ONLY.

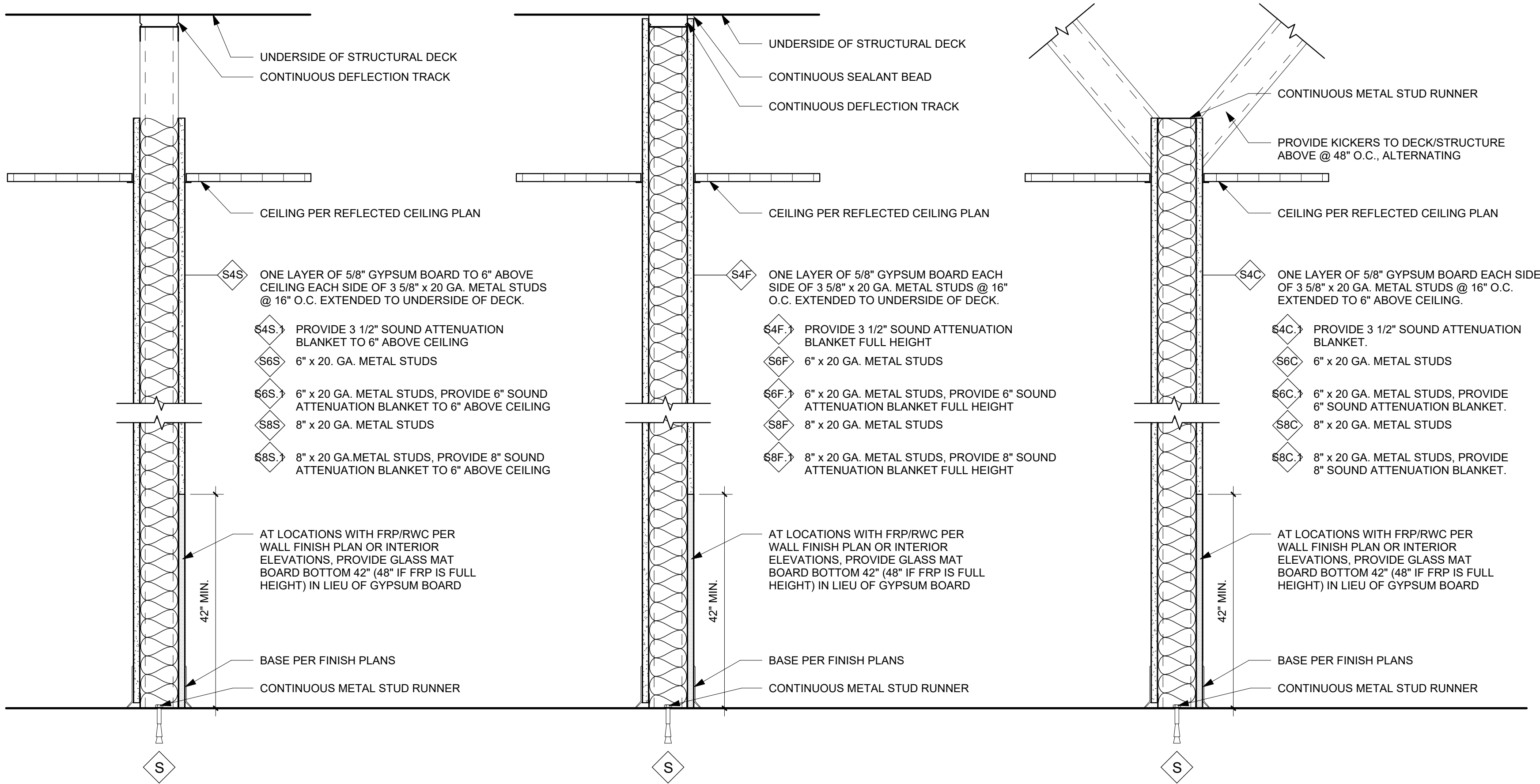
2 HOUR RATED FIRE WALL
THIS SYMBOL INDICATES A TWO HOUR RATED FIRE WALL. THIS WALL IS NON-BEARING AND IS CONSTRUCTED OF PARTITION TYPES INDICATED ON THE FLOOR PLANS. THIS PARTITION SHALL BE CONSTRUCTED CONTINUOUSLY FROM FLOOR SLAB THROUGH THE ROOF A MINIMUM OF 30" ABOVE. PENETRATIONS IN THESE PARTITIONS SHALL BE 90 MIN RATED UL LISTED ASSEMBLIES ONLY.

1 HOUR RATED ENCLOSURE
THIS SYMBOL INDICATES AN AREA OR ROOM THAT IS CONSTRUCTED WITH 1 HOUR RATED SEPARATION WALLS FOR THE COMPLETE PERIMETER OF AREA OR ROOM. SEE NOTE ABOVE REGARDING 1 HOUR RATED SEPARATION.

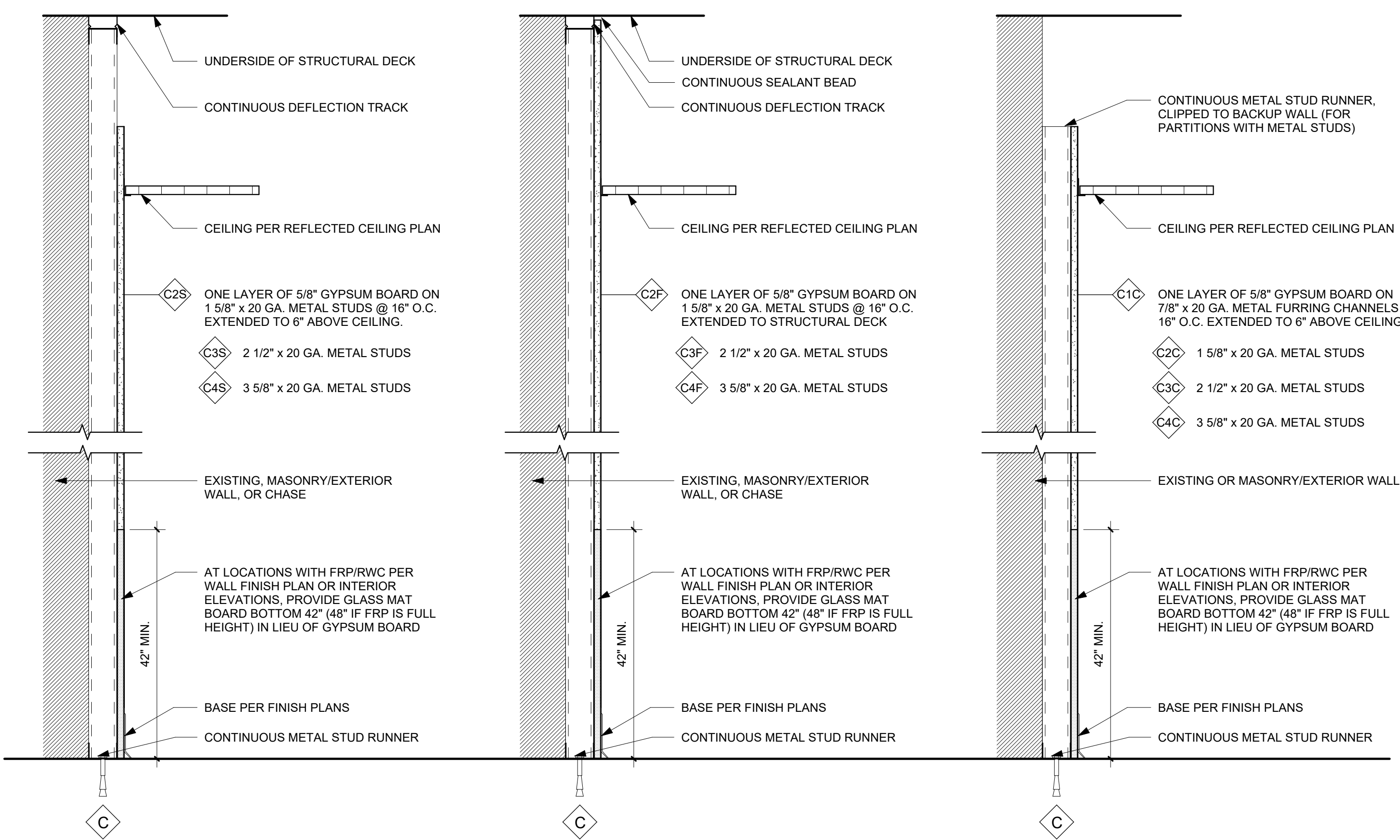
FE SURFACE MOUNTED FIRE EXTINGUISHER
FEC SEMI RECESSED FIRE EXTINGUISHER CABINET
DFC SEMI RECESSED ARMED DEFIBRILLATOR CABINET (AT EACH LOCATION PROVIDE UNIT AND ALL LISTED ACCESSORIES)

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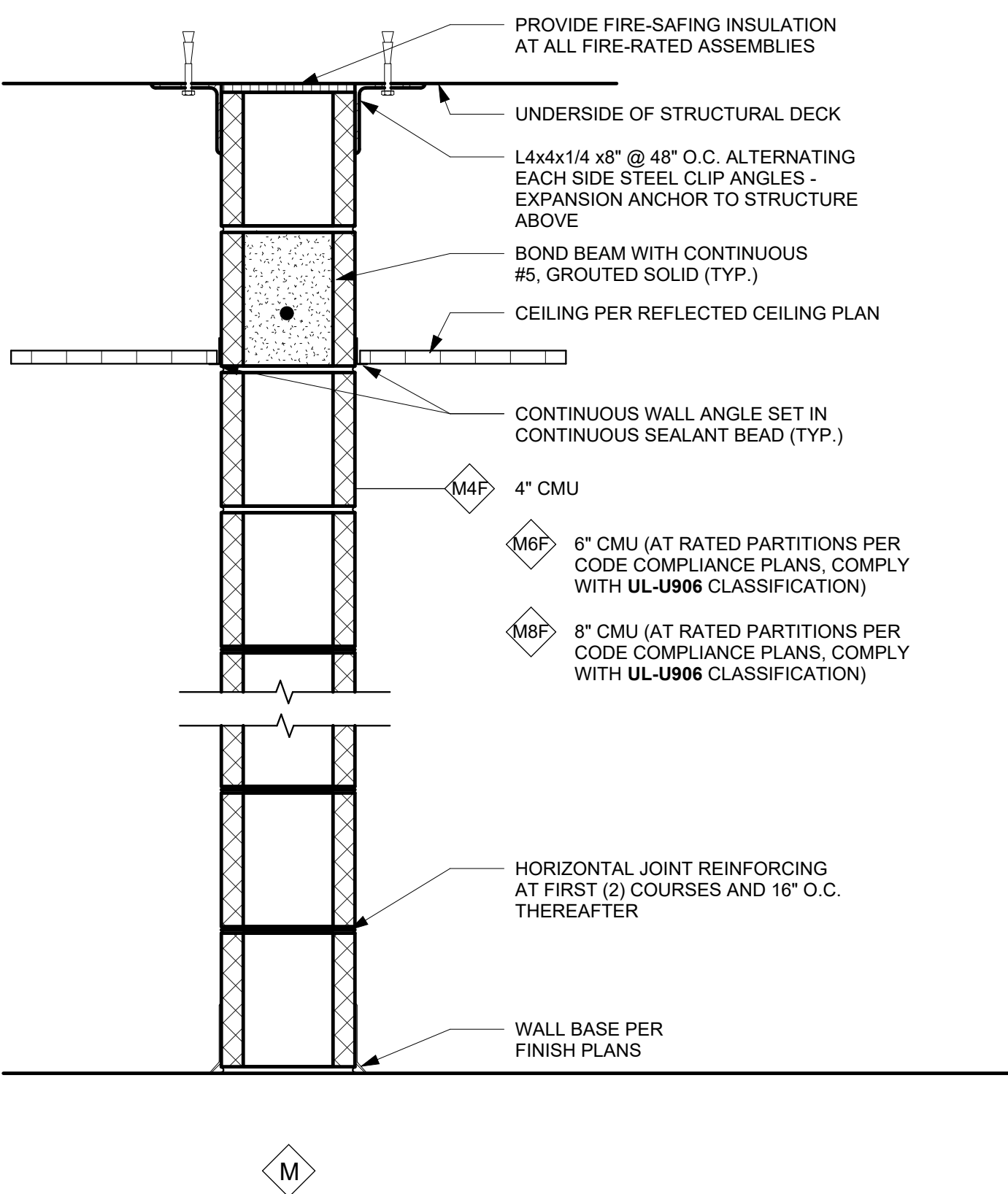
METAL STUD PARTITIONS



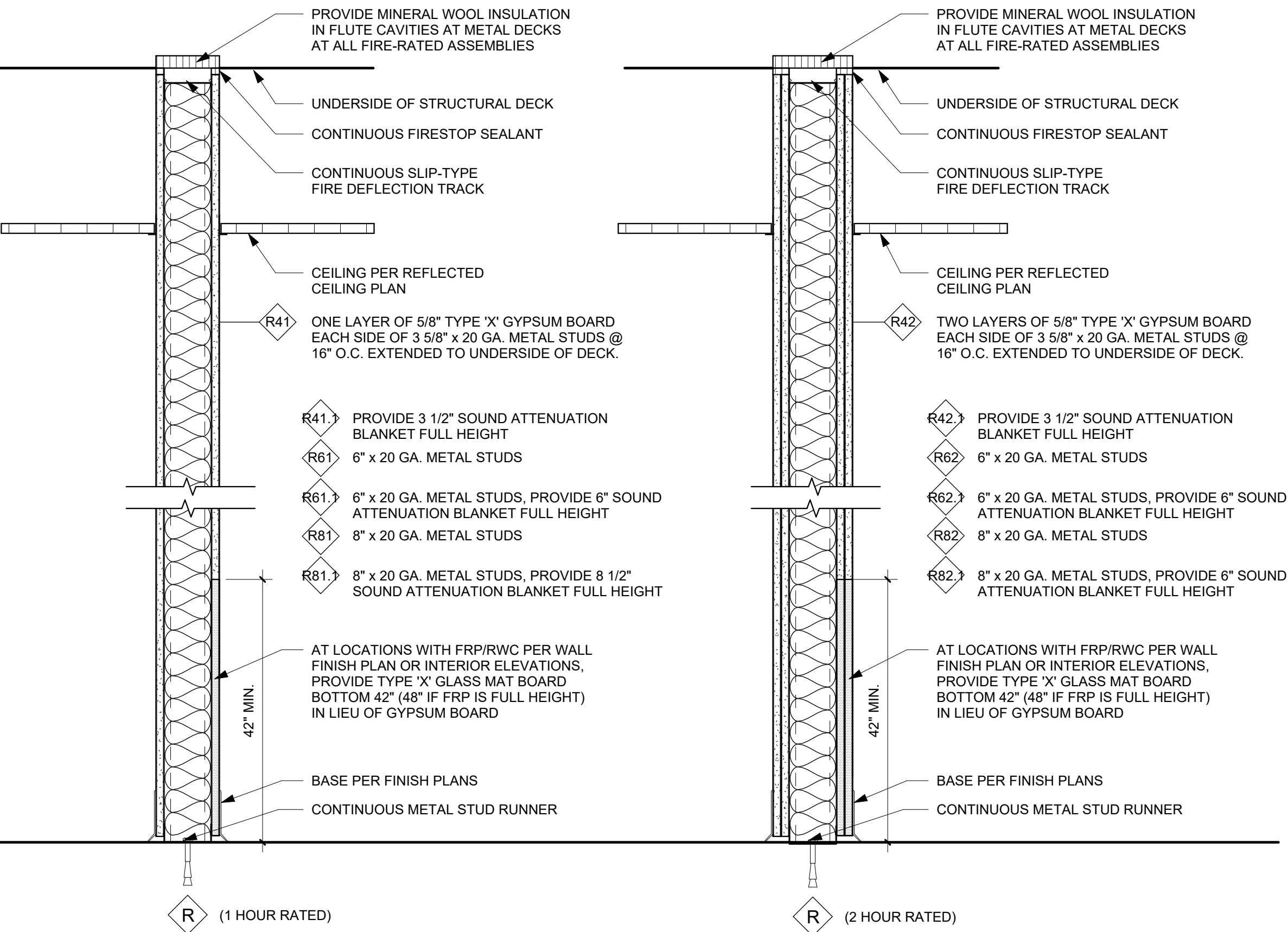
CHASE AND FURRING PARTITIONS



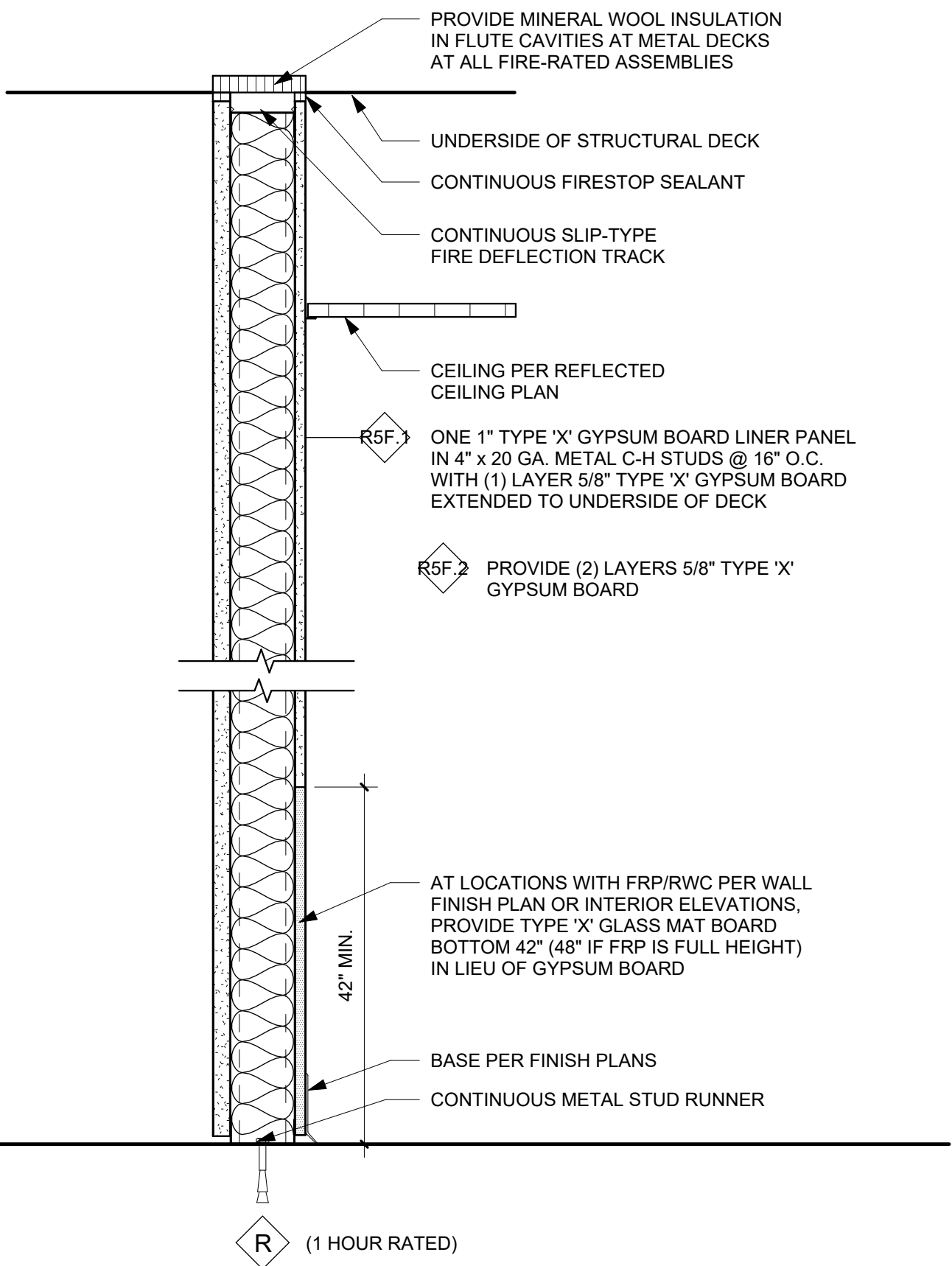
MASONRY PARTITIONS (RATED PARTITIONS: UL ASSEMBLY U-906)



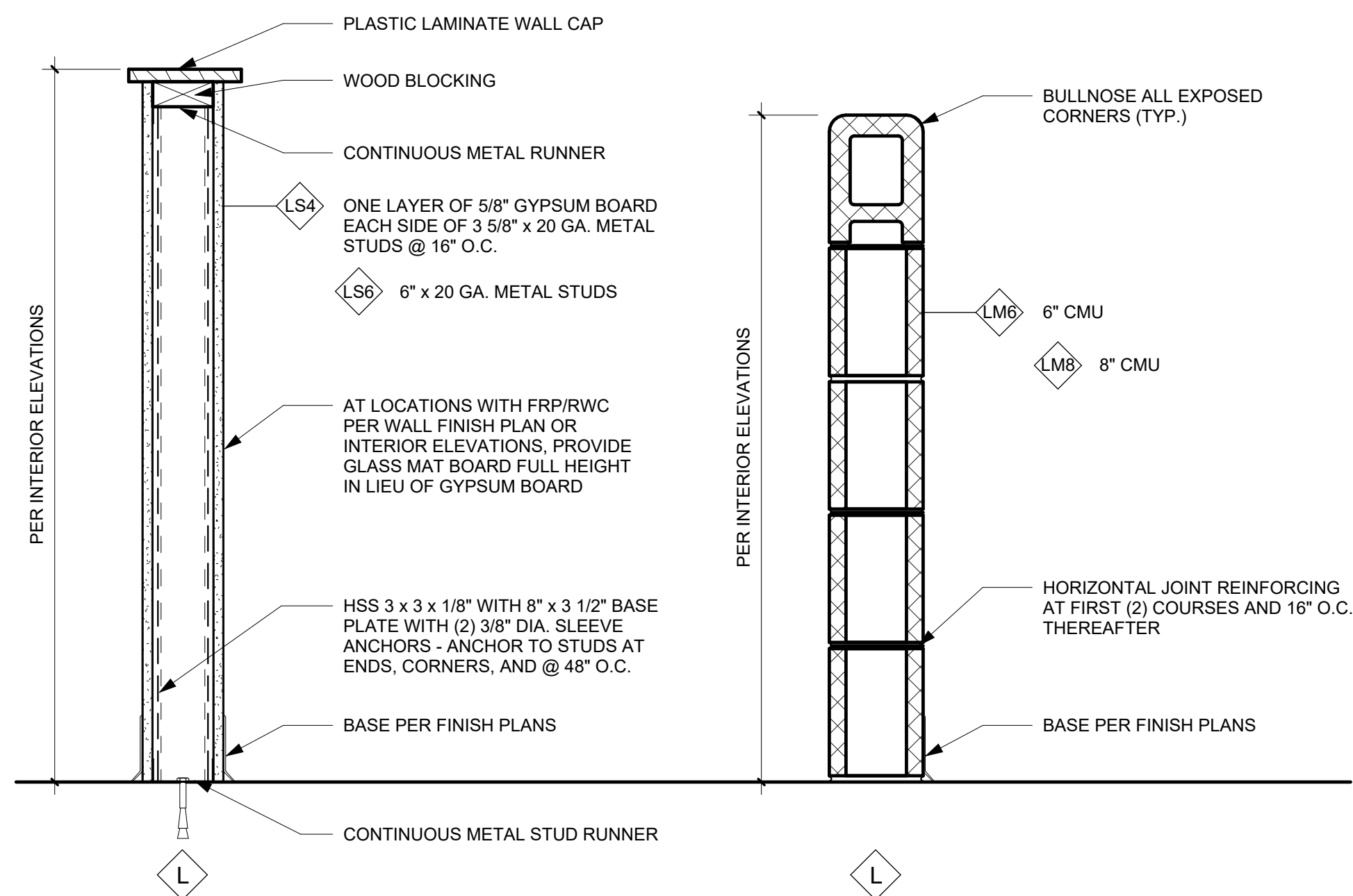
FIRE RATED METAL STUD PARTITIONS (RATED PARTITIONS: UL ASSEMBLY U-419)



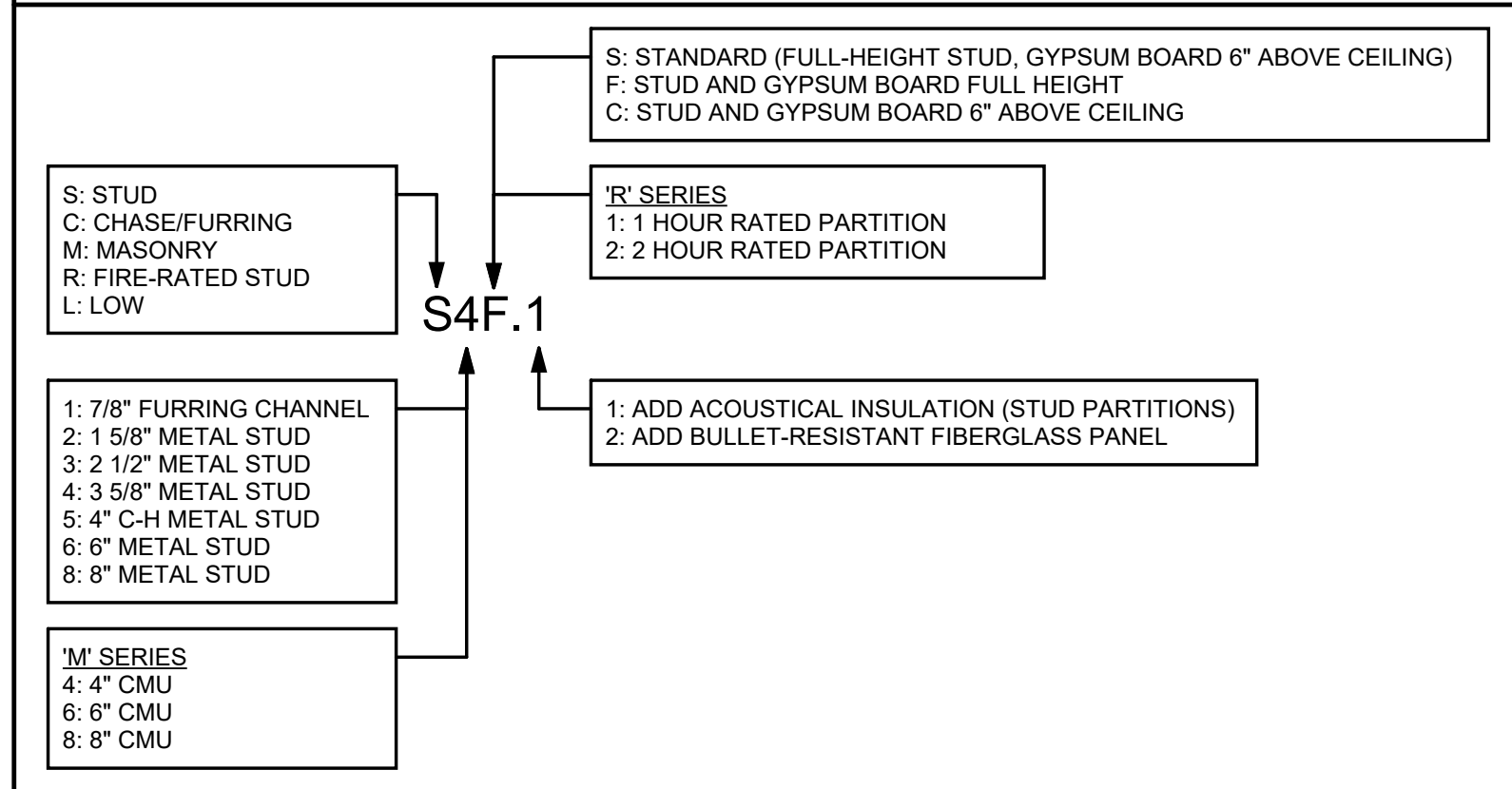
FIRE RATED METAL STUD SHAFT PARTITIONS (RATED PARTITIONS: UL ASSEMBLY U-415)



LOW WALLS



PARTITION TYPE NUMBERING SYSTEM



PARTITION NOTES

- FOR ALL FIRE RATED PARTITIONS: PROVIDE FIRE RATED MOLD AND MOISTURE RESISTANT GYPSUM BOARD FULL HEIGHT UNLESS NOTED OTHERWISE.
- AT ALL EXISTING RATED WALLS, SEAL ALL NEW AND EXISTING PENETRATIONS WITH UL ASSEMBLIES.
- ALL GYPSUM BOARD SHALL BE HELD UP TO 3/8\"/>

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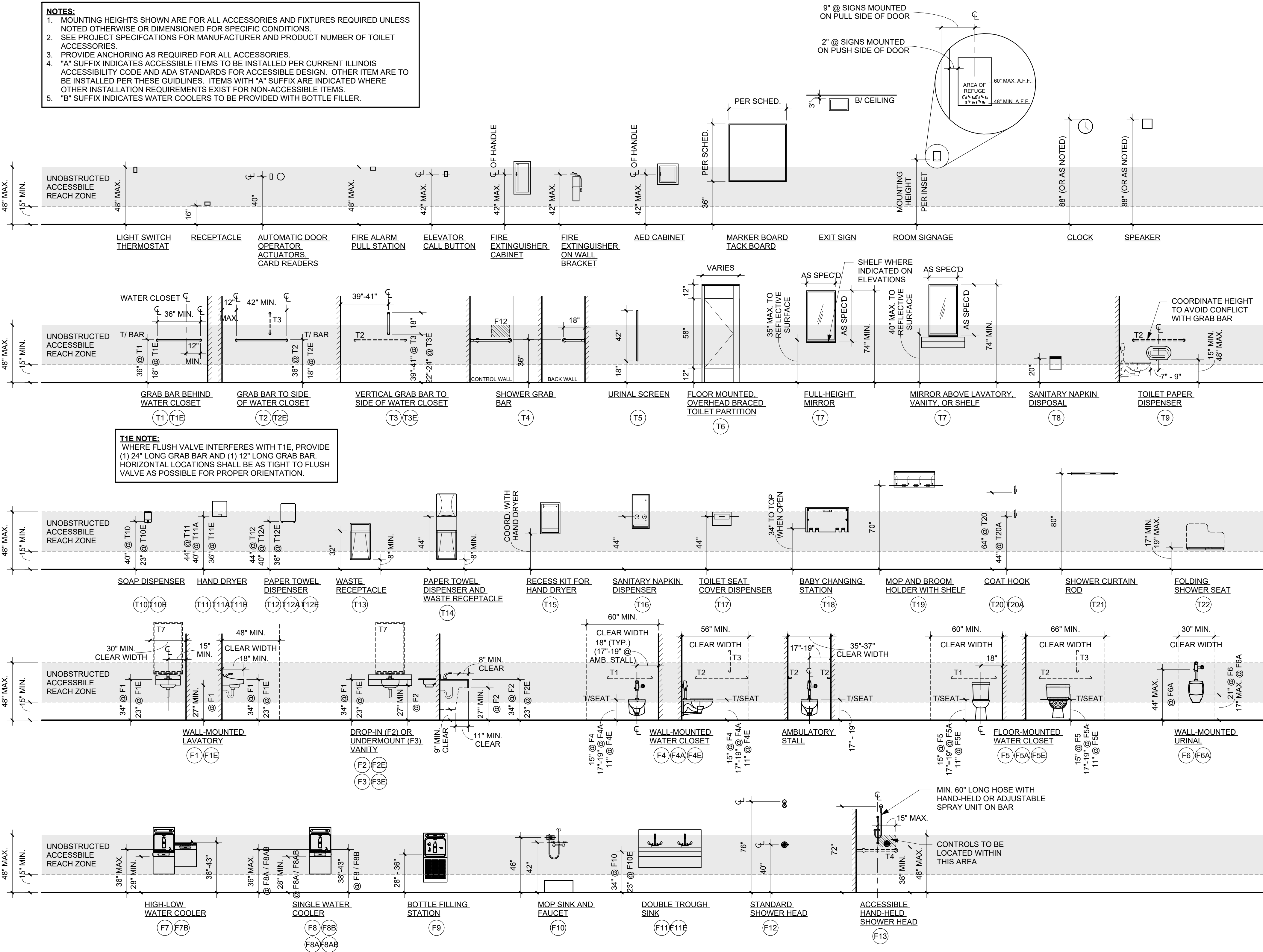
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NO	ISSUE	DATE
	Bid Set	06/16/2025

PARTITION
TYPES

G2.00

TYPICAL MOUNTING HEIGHTS



Glenview Public Library

Glenview Public Library
1930 Glenview Rd, Glenview, IL 60025

NO	ISSUE	DATE
•	Bid Set	06/16/2025
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TYPICAL
MOUNTING
HEIGHTS

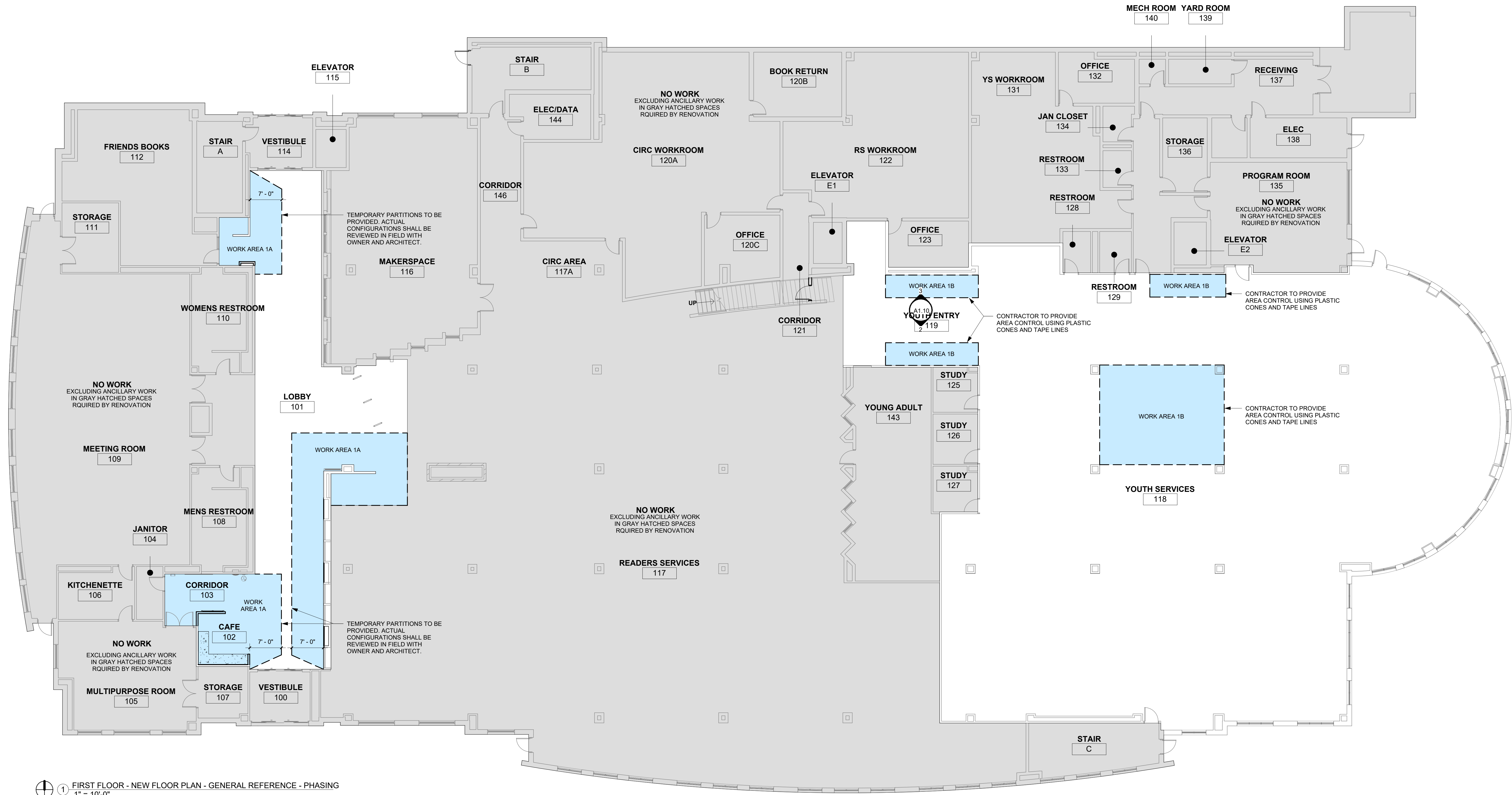
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1 FIRST FLOOR - NEW FLOOR PLAN - GENERAL REFERENCE - PHASING
1" = 10'-0"

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FIRST FLOOR
REFERENCE
PLAN

G3.00



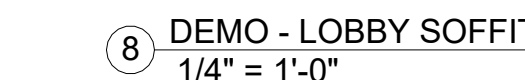
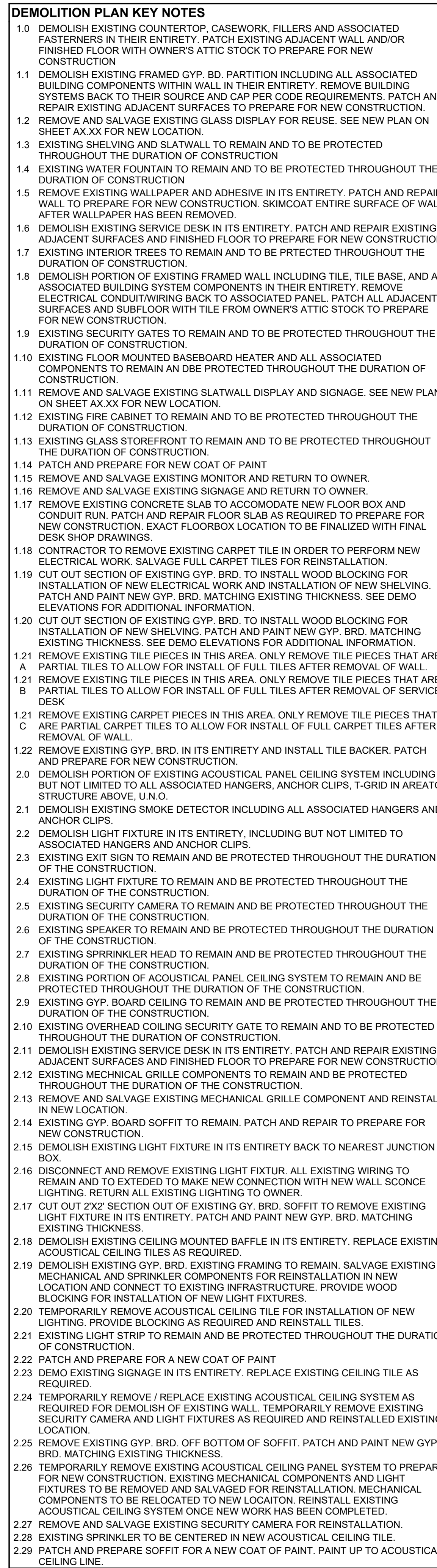
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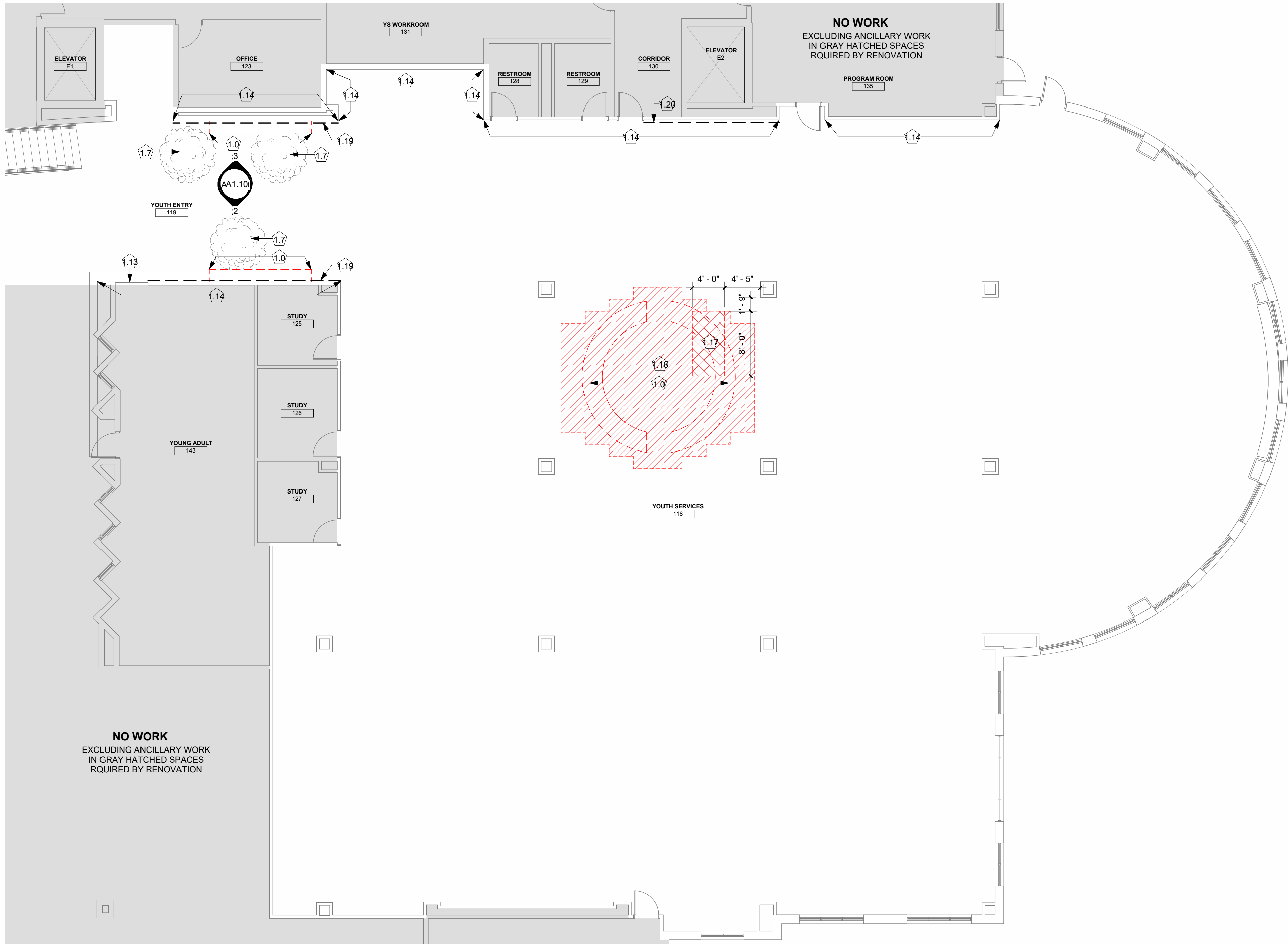
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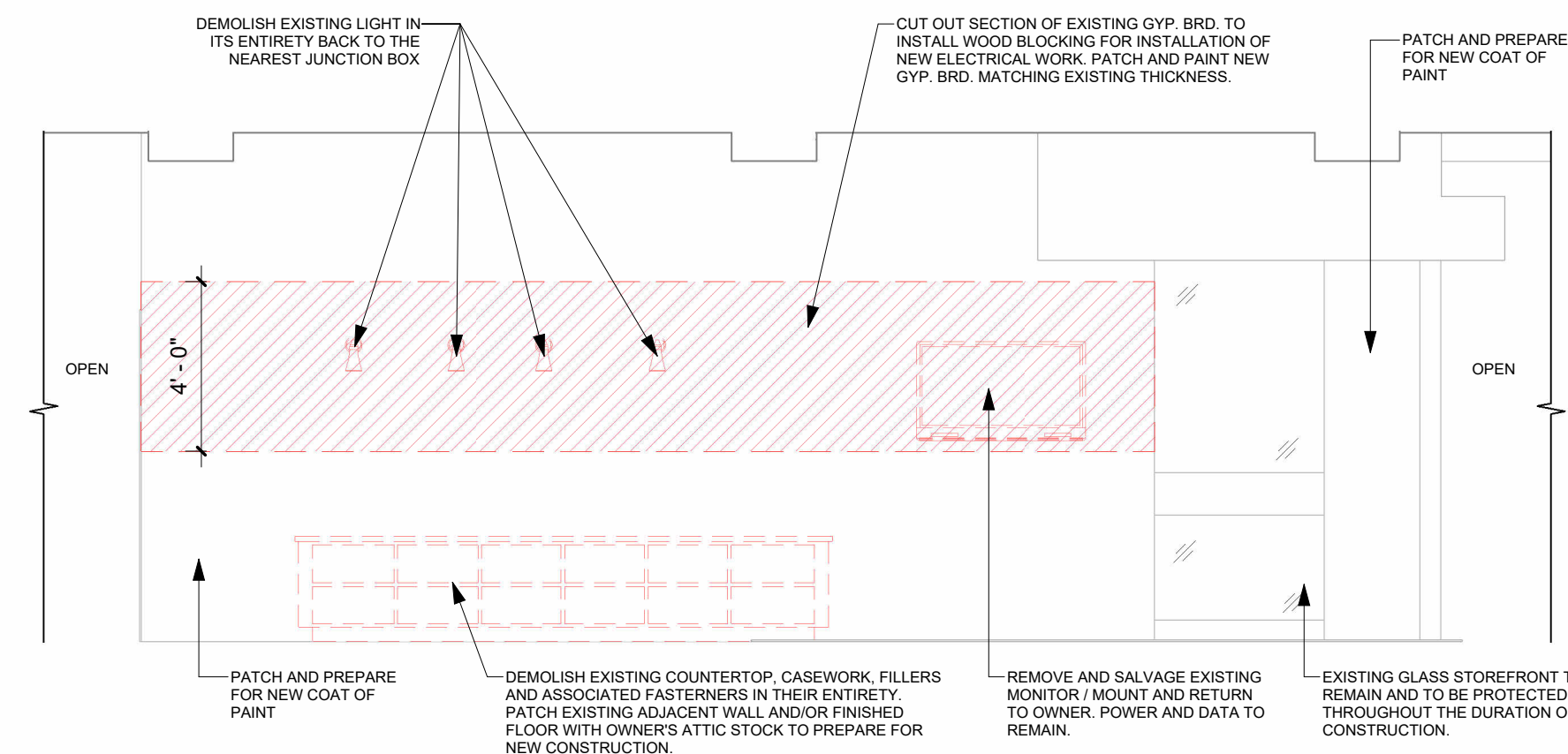
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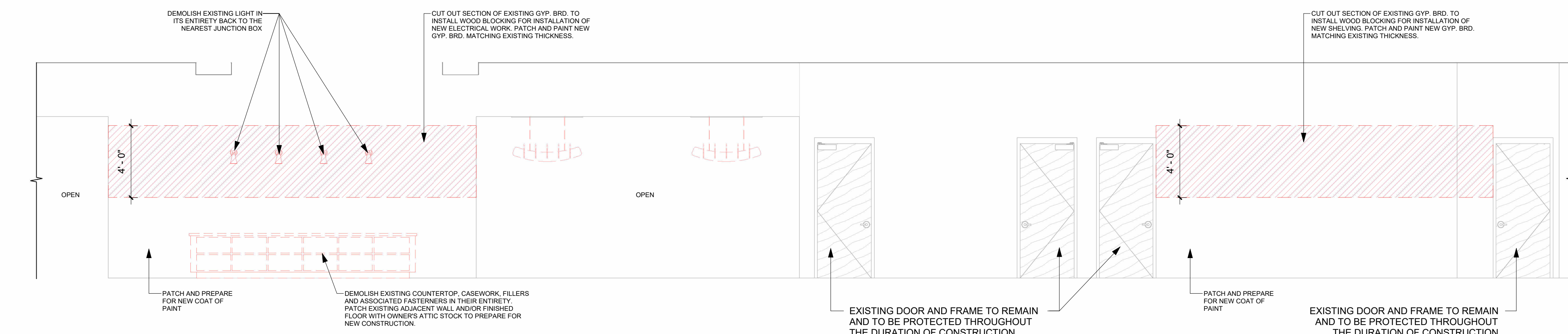
- DEMO EXISTING SIGNAGE ITS ENTIRETY.
- REMOVE AN RELOCATE EXISTING SECURITY CAMERA
- EXISTING PLAQUE TO REMAIN AND TO BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION
- EXISTING FIRE ALARM TO REMAIN
- EXISTING PLAQUE TO REMAIN AND TO BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION



1 FIRST FLOOR - DEMO FLOOR PLAN - YOUTH
1/8" = 1'-0"



2 DEMO INTERIOR ELEVATION - YOUTH ENTRY
1/4" = 1'-0"



3 DEMO INTERIOR ELEVATION - YOUTH ENTRY
1/4" = 1'-0"

DEMOLITION LEGEND		
	WALL PARTITION TO BE REMOVED.	
	ITEM TO BE REMOVED	
	PORTION OF AREA TO BE REMOVED. COORDINATE EXACT EXTENDS WITH NEW WORK PLANS	

DEMOLITION PLAN KEY NOTES		
1.0	DEMOLISH EXISTING COUNTERTOP, CASEWORK, FILLERS AND ASSOCIATED FASTENERS IN THEIR ENTIRETY. PATCH EXISTING ADJACENT WALL AND/OR FINISHED FLOOR WITH OWNER'S ATTIC STOCK TO PREPARE FOR NEW CONSTRUCTION.	
1.1	DEMOLISH EXISTING FRAMED GYP. BD. PARTITION INCLUDING ALL ASSOCIATED BUILDING COMPONENTS WITHIN WALL IN THEIR ENTIRETY. REMOVE BUILDING SYSTEMS BACK TO THEIR SOURCE AND CAP PER CODE REQUIREMENTS. PATCH AND REPAIR EXISTING ADJACENT SURFACES TO PREPARE FOR NEW CONSTRUCTION.	
1.2	REMOVE AND SALVAGE EXISTING GLASS DISPLAY FOR REUSE. SEE NEW PLAN ON SHEET AX.XX FOR NEW LOCATION.	
1.3	EXISTING SHELVING AND SLATWALL TO REMAIN AND TO BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION.	
1.4	EXISTING WATER FOUNTAIN TO REMAIN AND TO BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION.	
1.5	REMOVE EXISTING WALL PAPER AND ADHESIVE IN ITS ENTIRETY. PATCH AND REPAIR WALL TO PREPARE FOR NEW CONSTRUCTION. SKIMCOAT ENTIRE SURFACE OF WALL AFTER WALLPAPER HAS BEEN REMOVED.	
1.6	DEMOLISH EXISTING SERVICE DESK IN ITS ENTIRETY. PATCH AND REPAIR EXISTING ADJACENT SURFACES AND FINISHED FLOOR TO PREPARE FOR NEW CONSTRUCTION.	
1.7	EXISTING INTERIOR TREES TO REMAIN AND TO BE PRTECTED THROUGHOUT THE DURATION OF CONSTRUCTION.	
1.8	DEMOLISH PORTION OF EXISTING FRAMED WALL INCLUDING TILE, TILE BASE, AND ALL ASSOCIATED BUILDING SYSTEM COMPONENTS IN THEIR ENTIRETY. REMOVE ELECTRICAL CONDUITWIRING BACK TO ASSOCIATED PANEL. PATCH ALL ADJACENT SURFACES AND SUBFLOOR WITH TILE FROM OWNER'S ATTIC STOCK TO PREPARE FOR NEW CONSTRUCTION.	
1.9	EXISTING SECURITY GATES TO REMAIN AND TO BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION.	
1.10	EXISTING FLOOR MOUNTED BASEBOARD HEATER AND ALL ASSOCIATED COMPONENTS TO REMAIN AN DBE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION.	
1.11	REMOVE AND SALVAGE EXISTING SLATWALL DISPLAY AND SIGNAGE. SEE NEW PLAN ON SHEET AX.XX FOR NEW LOCATION.	
1.12	EXISTING FIRE CABINET TO REMAIN AND TO BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION.	
1.13	EXISTING GLASS STOREFRONT TO REMAIN AND TO BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION.	
1.14	PATCH AND PREPARE FOR NEW COAT OF PAINT	
1.15	REMOVE AND SALVAGE EXISTING MONITOR AND RETURN TO OWNER.	
1.16	REMOVE AND SALVAGE EXISTING SIGNAGE AND RETURN TO OWNER.	
1.17	REMOVE EXISTING CONCRETE SLAB TO ACCOMODATE NEW FLOOR BOX AND CONDUIT RUN. PATCH AND REPAIR FLOOR SLAB AS REQUIRED TO PREPARE FOR NEW CONSTRUCTION. EXACT FLOORBOX LOCATION TO BE FINALIZED WITH FINAL DESK SHOP DRAWINGS.	
1.18	CONTRACTOR TO REMOVE EXISTING CARPET TILE IN ORDER TO PERFORM NEW ELECTRICAL WORK. SALVAGE FULL CARPET TILES FOR REINSTALLATION.	
1.19	CUT OUT SECTION OF EXISTING GYP. BRD. TO INSTALL WOOD BLOCKING FOR INSTALLATION OF NEW ELECTRICAL WORK AND INSTALLATION OF NEW SHELVING. PATCH AND PAINT NEW GYP. BRD. MATCHING EXISTING THICKNESS. SEE DEMO ELEVATIONS FOR ADDITIONAL INFORMATION.	
1.20	CUT OUT SECTION OF EXISTING GYP. BRD. TO INSTALL WOOD BLOCKING FOR INSTALLATION OF NEW SHELVING. PATCH AND PAINT NEW GYP. BRD. MATCHING EXISTING THICKNESS. SEE DEMO ELEVATIONS FOR ADDITIONAL INFORMATION.	
1.21	REMOVE EXISTING TILE PIECES IN THIS AREA. ONLY REMOVE TILE PIECES THAT ARE A PARTIAL TILES TO ALLOW FOR INSTALL OF FULL TILES AFTER REMOVAL OF WALL.	
1.21	REMOVE EXISTING TILE PIECES IN THIS AREA. ONLY REMOVE TILE PIECES THAT ARE B PARTIAL TILES TO ALLOW FOR INSTALL OF FULL TILES AFTER REMOVAL OF SERVICE DESK.	
1.21	REMOVE EXISTING CARPET PIECES IN THIS AREA. ONLY REMOVE TILE PIECES THAT ARE C ARE PARTIAL CARPET TILES TO ALLOW FOR INSTALL OF FULL CARPET TILES AFTER REMOVAL OF WALL.	
1.22	REMOVE EXISTING GYP. BRD. IN ITS ENTIRETY AND INSTALL TILE BACKER. PATCH AND PREPARE FOR NEW CONSTRUCTION.	
2.0	DEMOLISH PORTION OF EXISTING ACOUSTICAL PANEL CEILING SYSTEM INCLUDING BUT NOT LIMITED TO ALL ASSOCIATED HANGERS, ANCHOR CLIPS, T-GRID IN AREATO STRUCTURE ABOVE, U.N.O.	
2.1	DEMOLISH EXISTING SMOKE DETECTOR INCLUDING ALL ASSOCIATED HANGERS AND ANCHOR CLIPS.	
2.2	DEMOLISH LIGHT FIXTURE IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO ASSOCIATED HANGERS AND ANCHOR CLIPS.	
2.3	EXISTING EXIT SIGN TO REMAIN AND BE PROTECTED THROUGHOUT THE DURATION OF THE CONSTRUCTION.	
2.4	EXISTING LIGHT FIXTURE TO REMAIN AND BE PROTECTED THROUGHOUT THE DURATION OF THE CONSTRUCTION.	
2.5	EXISTING SECURITY CAMERA TO REMAIN AND BE PROTECTED THROUGHOUT THE DURATION OF THE CONSTRUCTION.	
2.6	EXISTING SPEAKER TO REMAIN AND BE PROTECTED THROUGHOUT THE DURATION OF THE CONSTRUCTION.	
2.7	EXISTING SPRINKLER HEAD TO REMAIN AND BE PROTECTED THROUGHOUT THE DURATION OF THE CONSTRUCTION.	
2.8	EXISTING PORTION OF ACOUSTICAL PANEL CEILING SYSTEM TO REMAIN AND BE PROTECTED THROUGHOUT THE DURATION OF THE CONSTRUCTION.	
2.9	EXISTING GYP. BOARD CEILING TO REMAIN AND BE PROTECTED THROUGHOUT THE DURATION OF THE CONSTRUCTION.	
2.10	EXISTING OVERHEAD COILING SECURITY GATE TO REMAIN AND TO BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION.	
2.11	DEMOLISH EXISTING SERVICE DESK IN ITS ENTIRETY. PATCH AND REPAIR EXISTING ADJACENT SURFACES AND FINISHED FLOOR TO PREPARE FOR NEW CONSTRUCTION.	
2.12	EXISTING MECHANICAL GRILLE COMPONENTS TO REMAIN AND BE PROTECTED THROUGHOUT THE DURATION OF THE CONSTRUCTION.	
2.13	REMOVE AND SALVAGE EXISTING MECHANICAL GRILLE COMPONENT AND REINSTALL IN NEW LOCATION.	
2.14	EXISTING GYP. BOARD SOFFIT TO REMAIN. PATCH AND REPAIR TO PREPARE FOR NEW CONSTRUCTION.	
2.15	DEMOLISH EXISTING LIGHT FIXTURE IN ITS ENTIRETY BACK TO NEAREST JUNCTION BOX.	
2.16	DISCONNECT AND REMOVE EXISTING LIGHT FIXTUR. ALL EXISTING WIRING TO REMAIN AND TO EXTENDED TO MAKE NEW CONNECTION WITH NEW WALL SCONCE LIGHTING. RETURN ALL EXISTING LIGHTING TO OWNER.	
2.17	CUT OUT 2X2 SECTION OUT OF EXISTING GY. BRD. SOFFIT TO REMOVE EXISTING LIGHT FIXTURE IN ITS ENTIRETY. PATCH AND PAINT NEW GYP. BRD. MATCHING EXISTING THICKNESS.	
2.18	DEMOLISH EXISTING CEILING MOUNTED BAFFLE IN ITS ENTIRETY. REPLACE EXISTING ACOUSTICAL CEILING TILES AS REQUIRED.	
2.19	DEMOLISH EXISTING GYP. BRD. EXISTING FRAMING TO REMAIN. SALVAGE EXISTING MECHANICAL AND SPRINKLER COMPONENTS FOR REINSTALLATION IN NEW LOCATION AND CONNECT TO EXISTING INFRASTRUCTURE. PROVIDE WOOD BLOCKING FOR INSTALLATION OF NEW LIGHT FIXTURES.	
2.20	TEMPORARILY REMOVE ACOUSTICAL CEILING TILE FOR INSTALLATION OF NEW LIGHTING. PROVIDE BLOCKING AS REQUIRED AND REINSTALL TILES.	
2.21	EXISTING LIGHT STRIP TO REMAIN AND BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION.	
2.22	PATCH AND PREPARE FOR A NEW COAT OF PAINT	
2.23	DEMO EXISTING SIGNAGE IN ITS ENTIRETY. REPLACE EXISTING CEILING TILE AS REQUIRED.	
2.24	TEMPORARILY REMOVE/ REPLACE EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR DEMOLISH OF EXISTING WALL. TEMPORARILY REMOVE EXISTING SECURITY CAMERA AND LIGHT FIXTURES AS REQUIRED AND REINSTALLED EXISTING LOCATION.	
2.25	REMOVE EXISTING GYP. BRD. OFF BOTTOM OF SOFFIT. PATCH AND PAINT NEW GYP. BRD. MATCHING EXISTING THICKNESS.	
2.26	TEMPORARILY REMOVE EXISTING ACOUSTICAL CEILING PANEL SYSTEM TO PREPARE FOR NEW CONSTRUCTION. EXISTING MECHANICAL COMPONENTS AND LIGHT FIXTURES TO BE REMOVED AND SALVAGED FOR REINSTALLATION. MECHANICAL COMPONENTS TO BE RELOCATED TO NEW LOCATION. REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM ONCE NEW WORK HAS BEEN COMPLETED.	
2.27	REMOVE AND SALVAGE EXISTING SECURITY CAMERA FOR REINSTALLATION.	
2.28	EXISTING SPRINKLER TO BE CENTERED IN NEW ACOUSTICAL CEILING TILE.	
2.29	PATCH AND PREPARE SOFFIT FOR A NEW COAT OF PAINT. PAINT UP TO ACOUSTICAL CEILING LINE.	



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MAIN LEVEL
DEMOLITION
PLAN - YOUTH

25007 **AD1.10**



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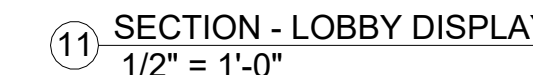
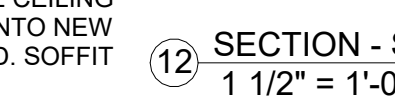
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MAIN LEVEL NEW FLOORPLAN AND RCP - CAFE / LOBBY

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REFLECTED CEILING PLAN LEGEND:

LIGHTING FIXTURES	
	RECESSED DOWNLIGHT
	RECESSED LINEAR

MECHANICAL SYMBOLS - FOR REFERENCE ONLY	
	RETURN DIFFUSER
	SUPPLY DIFFUSER

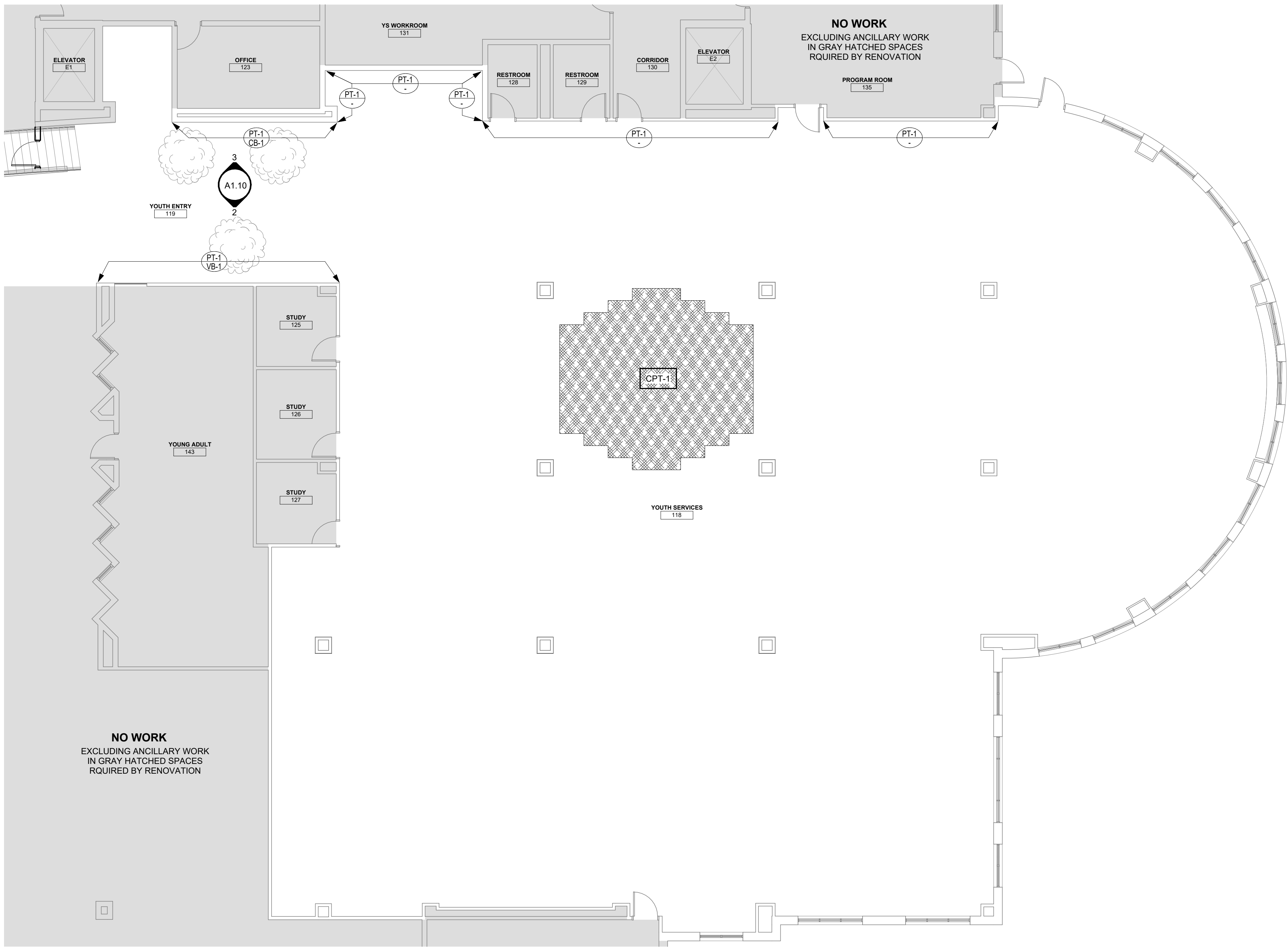
MISCELLANEOUS	
●	SPRINKLER HEAD

FLOOR PLAN SHEET NOTES

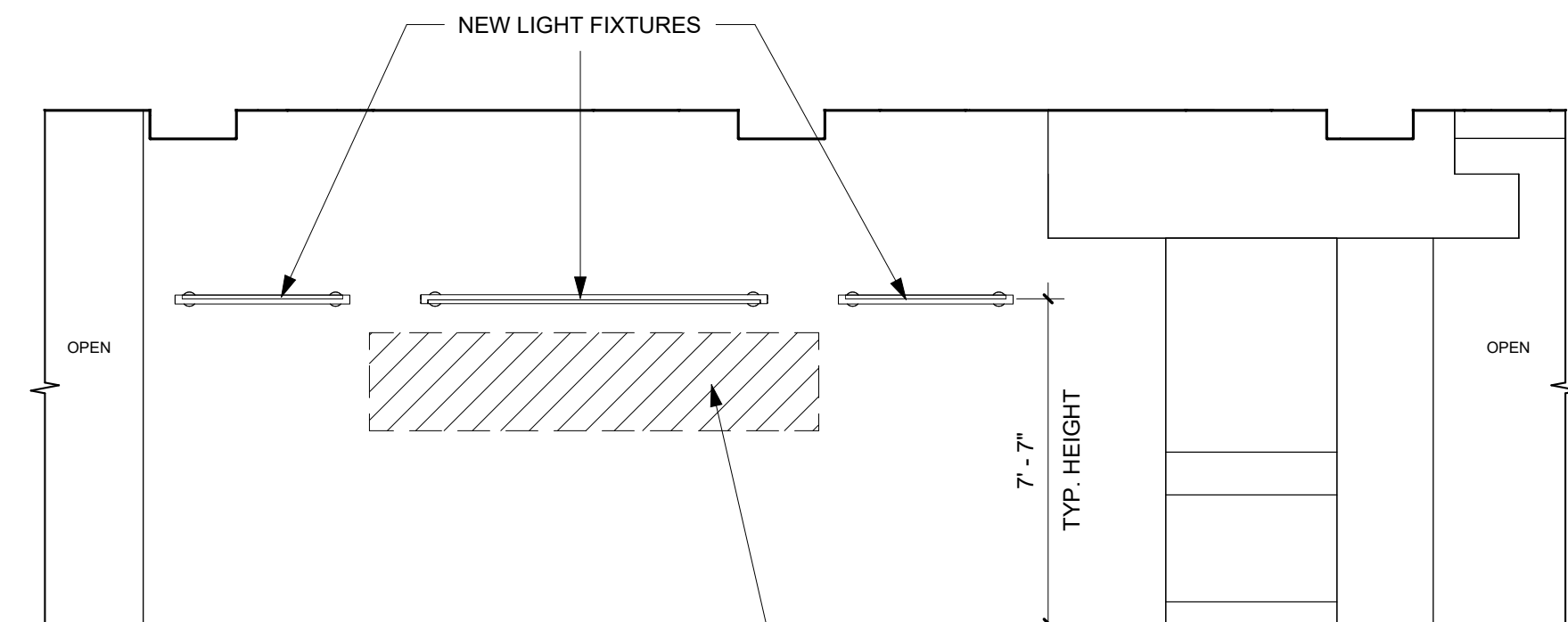
- 1 NEW VENDING MACHINE. OWNER PROVIDED AND CONTRACTOR INSTALLED. REFER TO INTERIOR ELEVATIONS.
- 2 NEW LOCATION OF EXISTING DISPLAY. PROVIDE WOOD BLOCKING AS REQUIRED.

REFLECTED CEILING PLAN SHEET NOTES	
1	LOCATION OF NEW RECESSED ART RAIL. OWNER PROVIDED AND CONTRACTOR INSTALLED.
2	LOCATION OF NEW SIGNAGE. SIGNAGE TO HANG FROM NEW ART RAIL. OWNER PROVIDED AND CONTRACTOR INSTALLED.
3	LOCATION OF NEW BLACKBOARD. BLACKBOARD TO HANG FROM NEW ART RAIL. OWNER PROVIDED AND CONTRACTOR INSTALLED.
4	NEW LOCATION OF EXISTING SECURITY CAMERA.

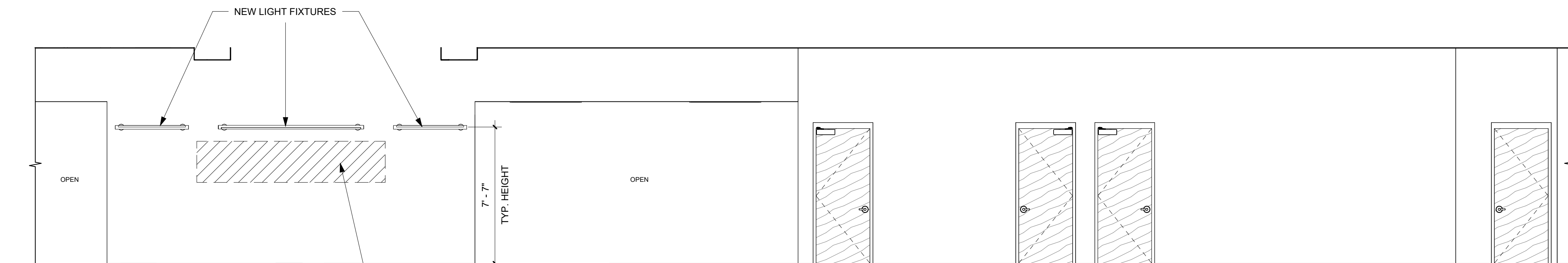




1 FIRST FLOOR - NEW FLOOR PLAN - YOUTH
1/8" = 1'-0"



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



3 INTERIOR ELEVATION - YOUTH ENTRY
1/4" = 1'-0"

FLOOR PLAN LEGEND	
ROOM NAME	ROOM TAG
101	
11	PARTITION TAG
1	NEW WORK SHEET NOTE
○	COLUMN GRID LINE

REFLECTED CEILING PLAN LEGEND:	
CEILING TYPES	
	2' x 2' SUSPENDED ACOUSTIC TILE CEILING SYSTEM
	GYPSUM BOARD CEILING / SOFFIT
LIGHTING FIXTURES	
	RECESSED DOWNLIGHT
	RECESSED LINEAR
MECHANICAL SYMBOLS - FOR REFERENCE ONLY	
	RETURN DIFFUSER
	SUPPLY DIFFUSER
MISCELLANEOUS	
	SPRINKLER HEAD

FLOOR PLAN SHEET NOTES	
1	NEW VENDING MACHINE. OWNER PROVIDED AND CONTRACTOR INSTALLED. REFER TO INTERIOR ELEVATIONS.
2	NEW LOCATION OF EXISTING DISPLAY. PROVIDE WOOD BLOCKING AS REQUIRED.



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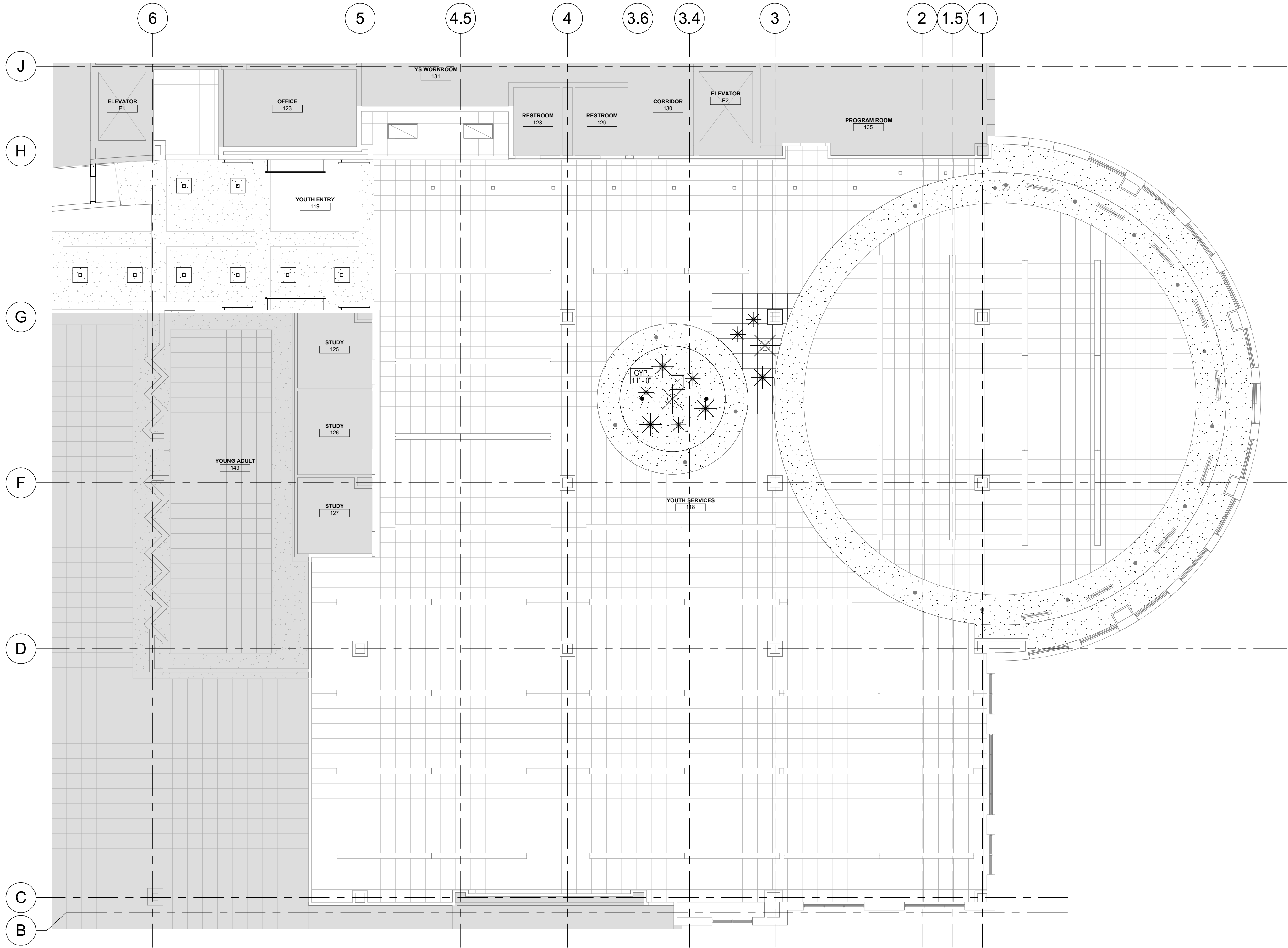
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MAIN LEVEL
NEW
FLOORPLAN -
YOUTH

A1.10



1 FIRST FLOOR - NEW REFLECTED CEILING PLAN - YOUTH
1/8" = 1'-0"

FLOOR PLAN LEGEND

ROOM NAME

101

ROOM TAG

11

PARTITION TAG

1

NEW WORK SHEET NOTE

○

COLUMN GRID LINE

REFLECTED CEILING PLAN LEGEND:

CEILING TYPES

2' x 2' SUSPENDED ACOUSTIC TILE CEILING SYSTEM

GYPSUM BOARD CEILING / SOFFIT

LIGHTING FIXTURES

RECESSED DOWNLIGHT

RECESSED LINEAR

MECHANICAL SYMBOLS - FOR REFERENCE ONLY

RETURN DIFFUSER

SUPPLY DIFFUSER

MISCELLANEOUS

SPRINKLER HEAD

FLOOR PLAN SHEET NOTES

1 NEW VENDING MACHINE. OWNER PROVIDED AND CONTRACTOR INSTALLED. REFER TO INTERIOR ELEVATIONS.

2 NEW LOCATION OF EXISTING DISPLAY. PROVIDE WOOD BLOCKING AS REQUIRED.



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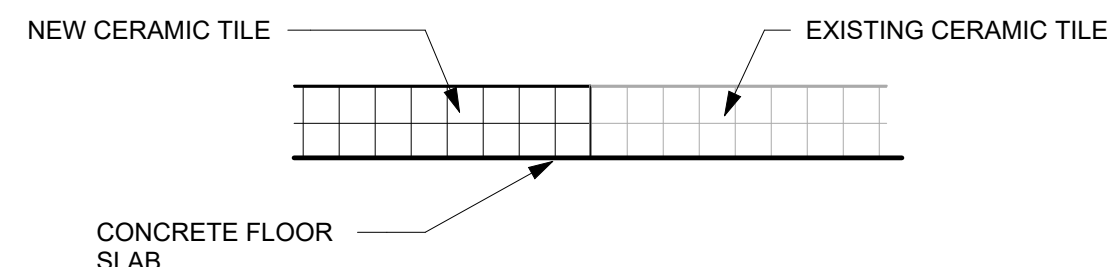
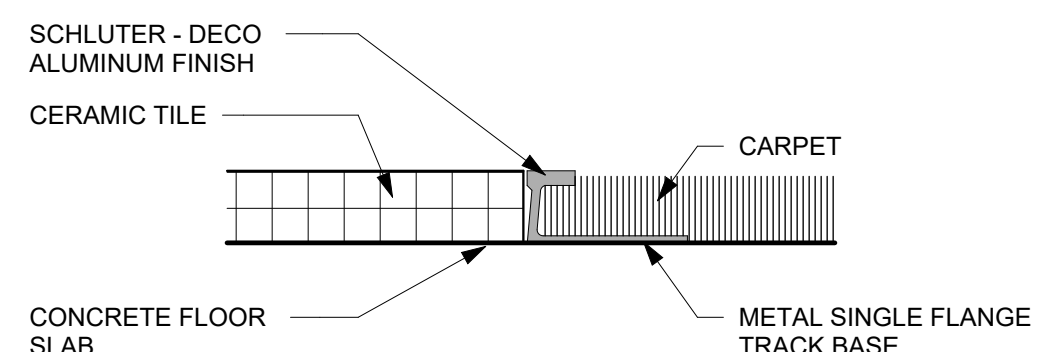
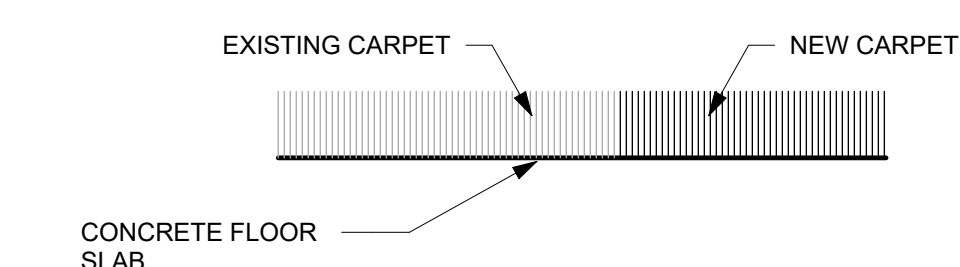
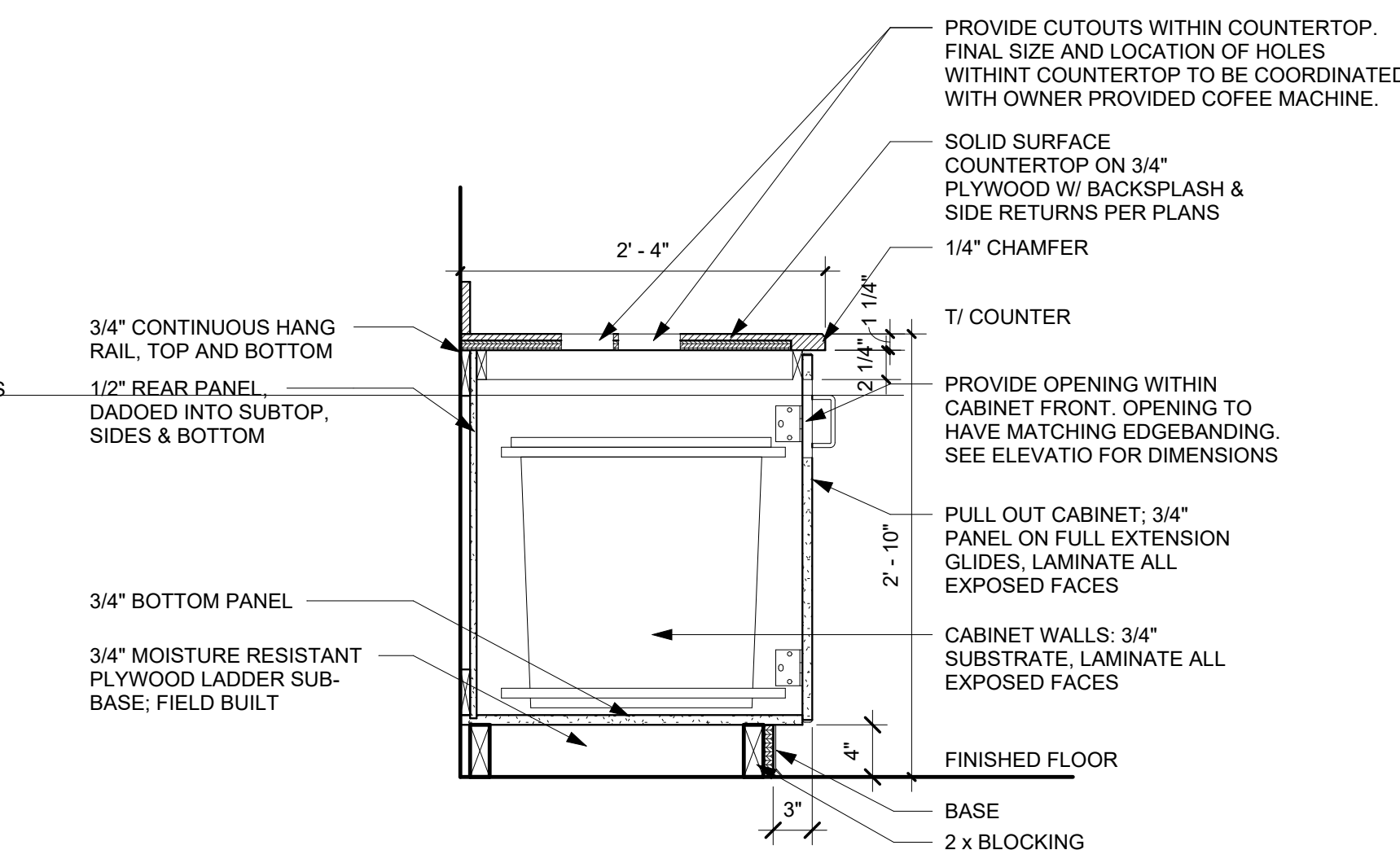
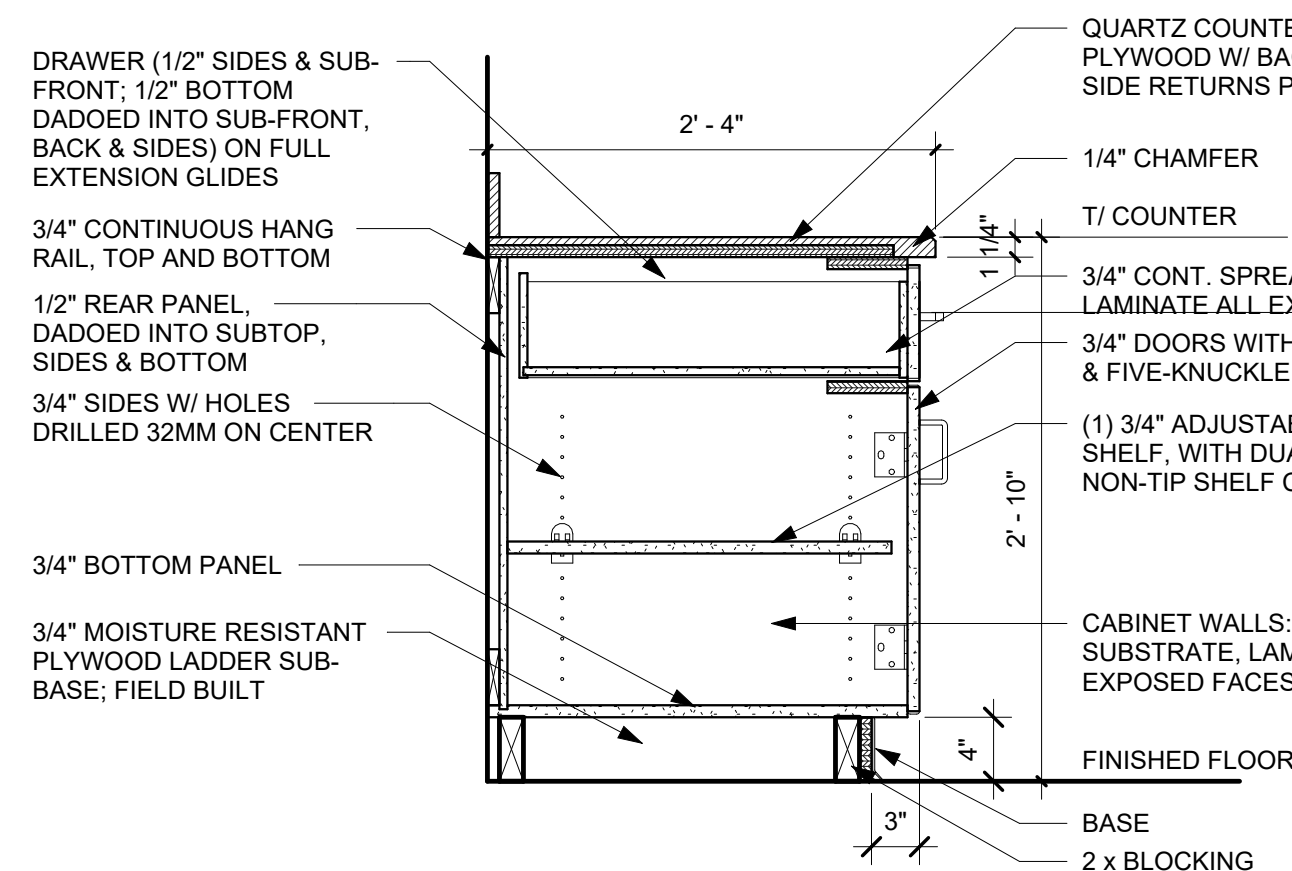
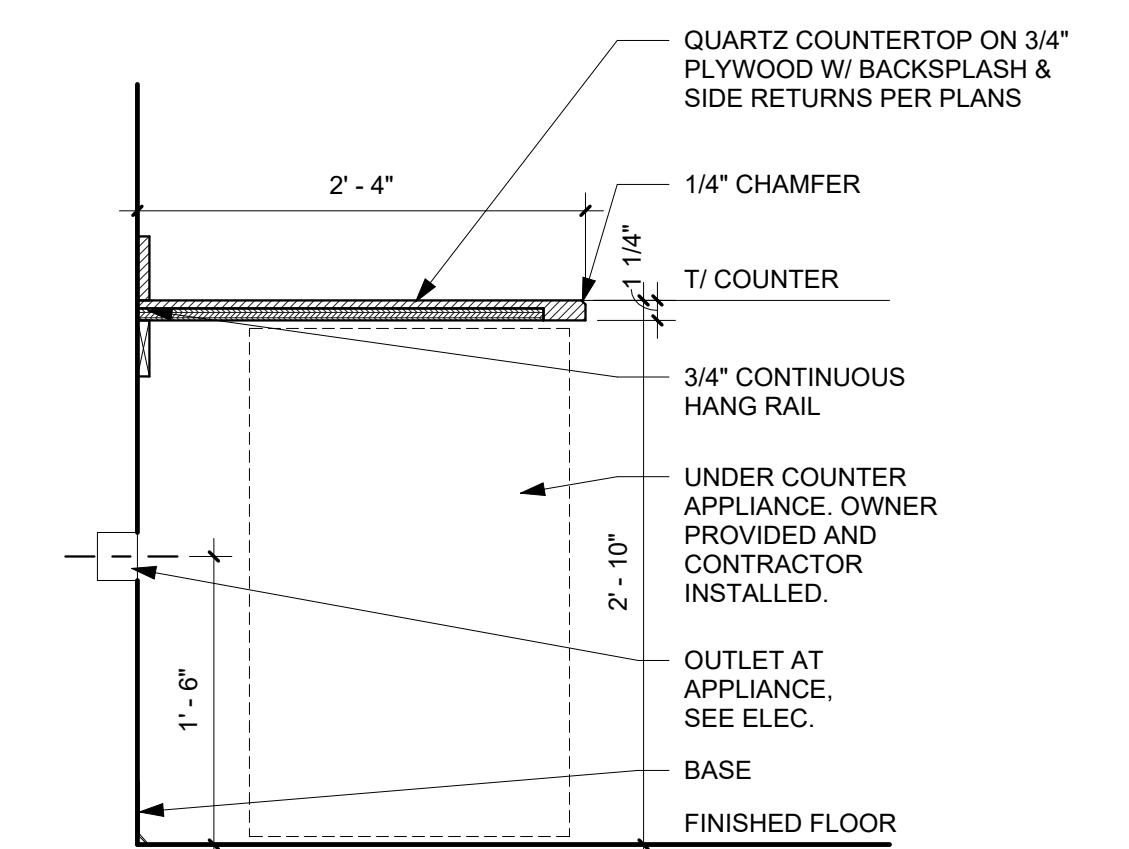
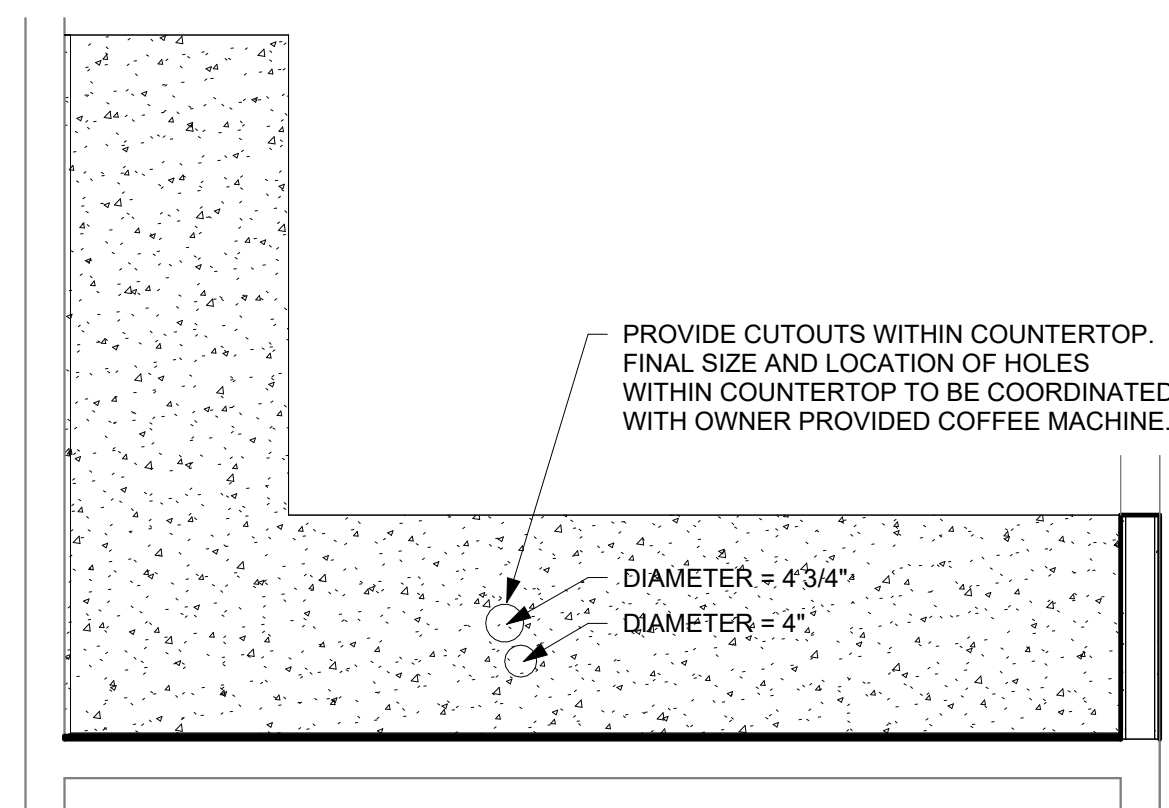
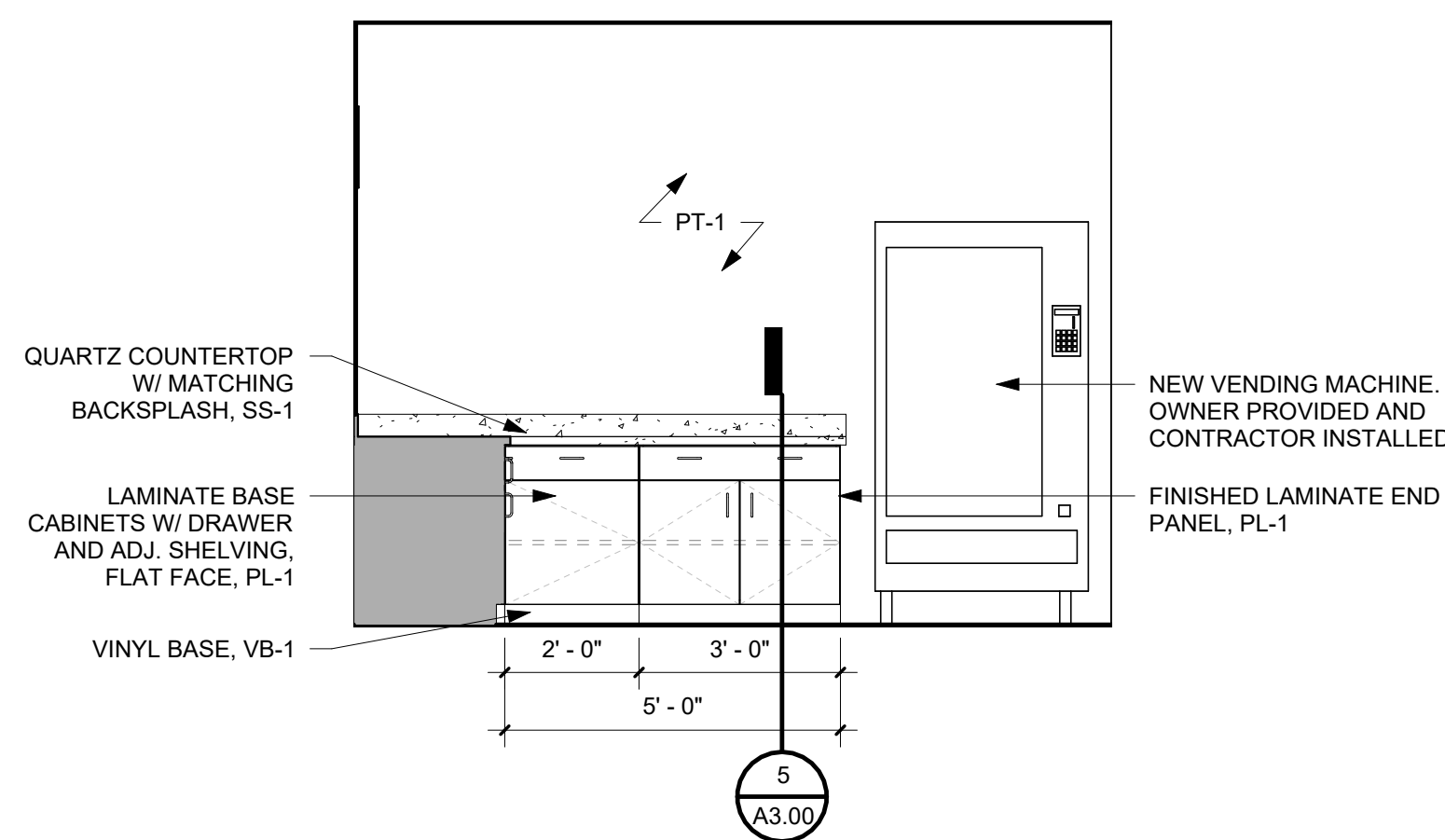
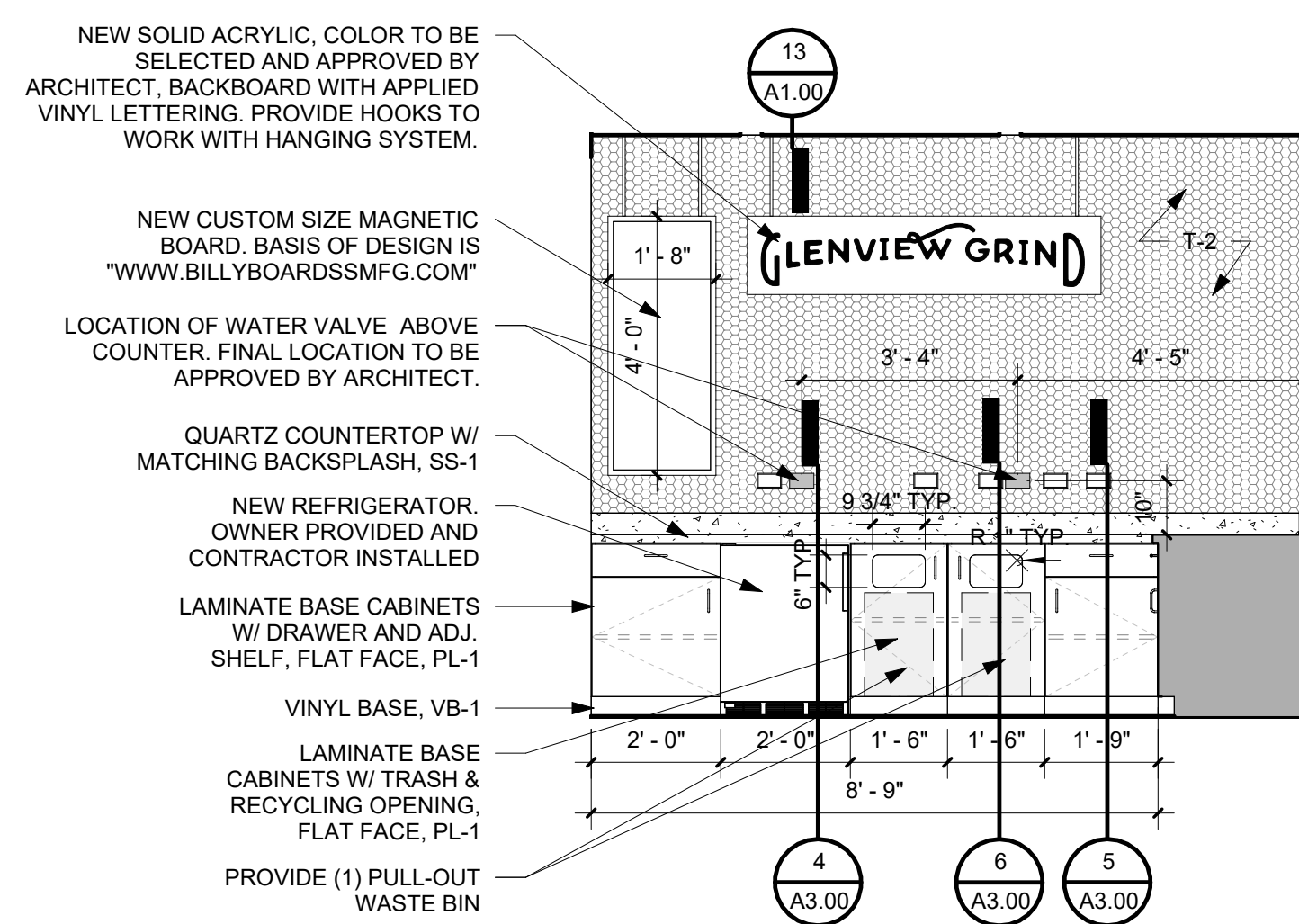
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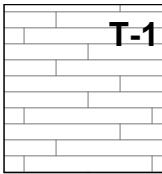
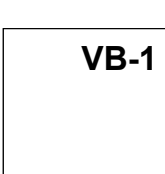
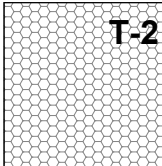
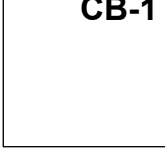
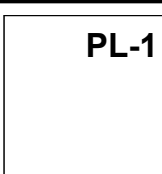
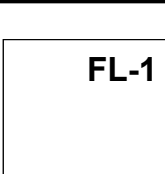
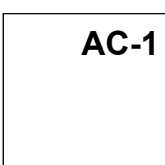
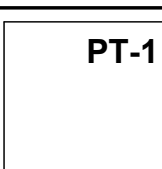
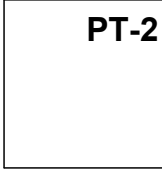
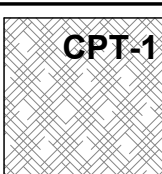
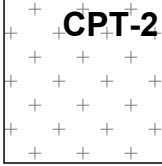
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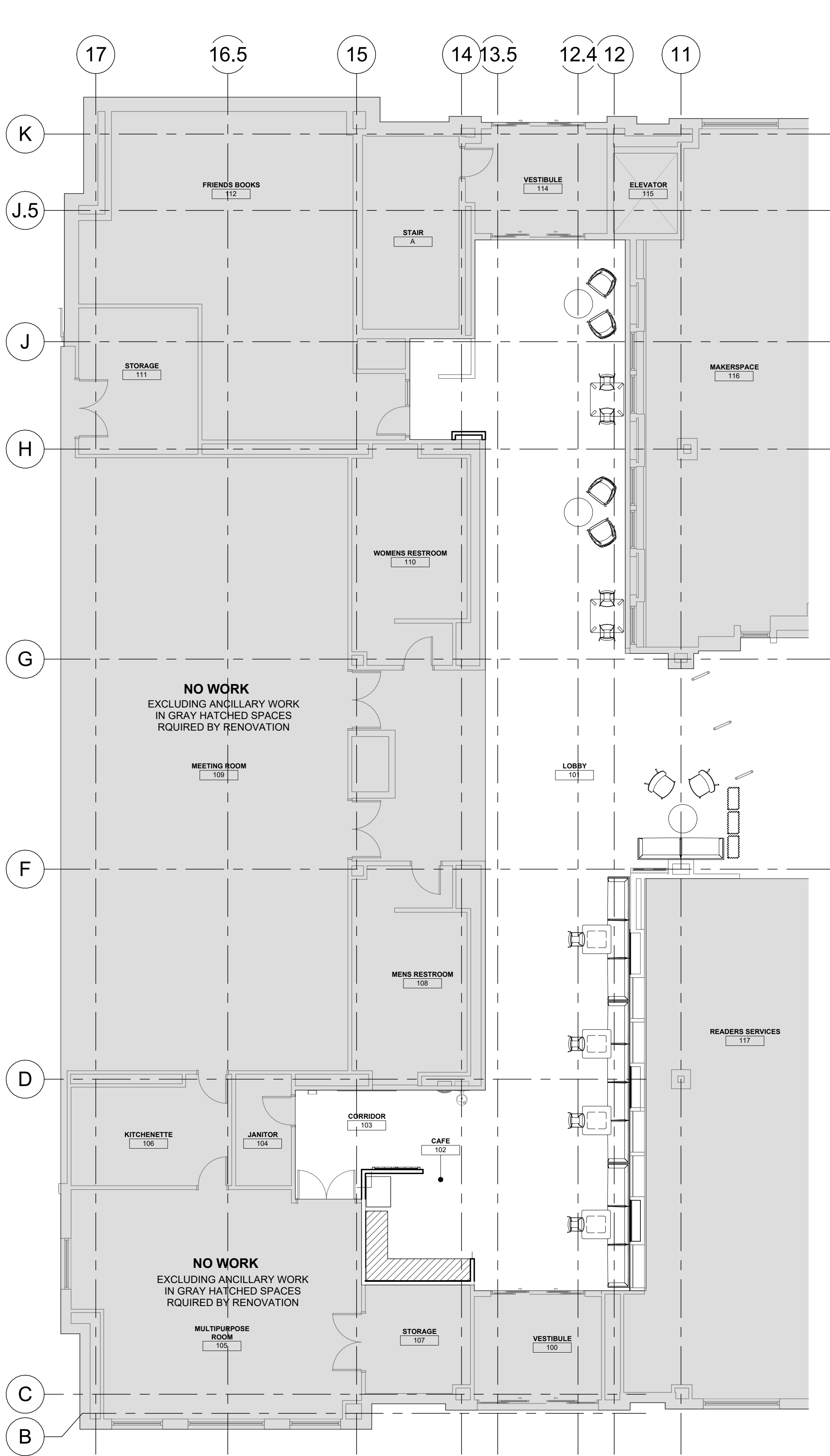
MAIN LEVEL
NEW RCP -
YOUTH

A2.00

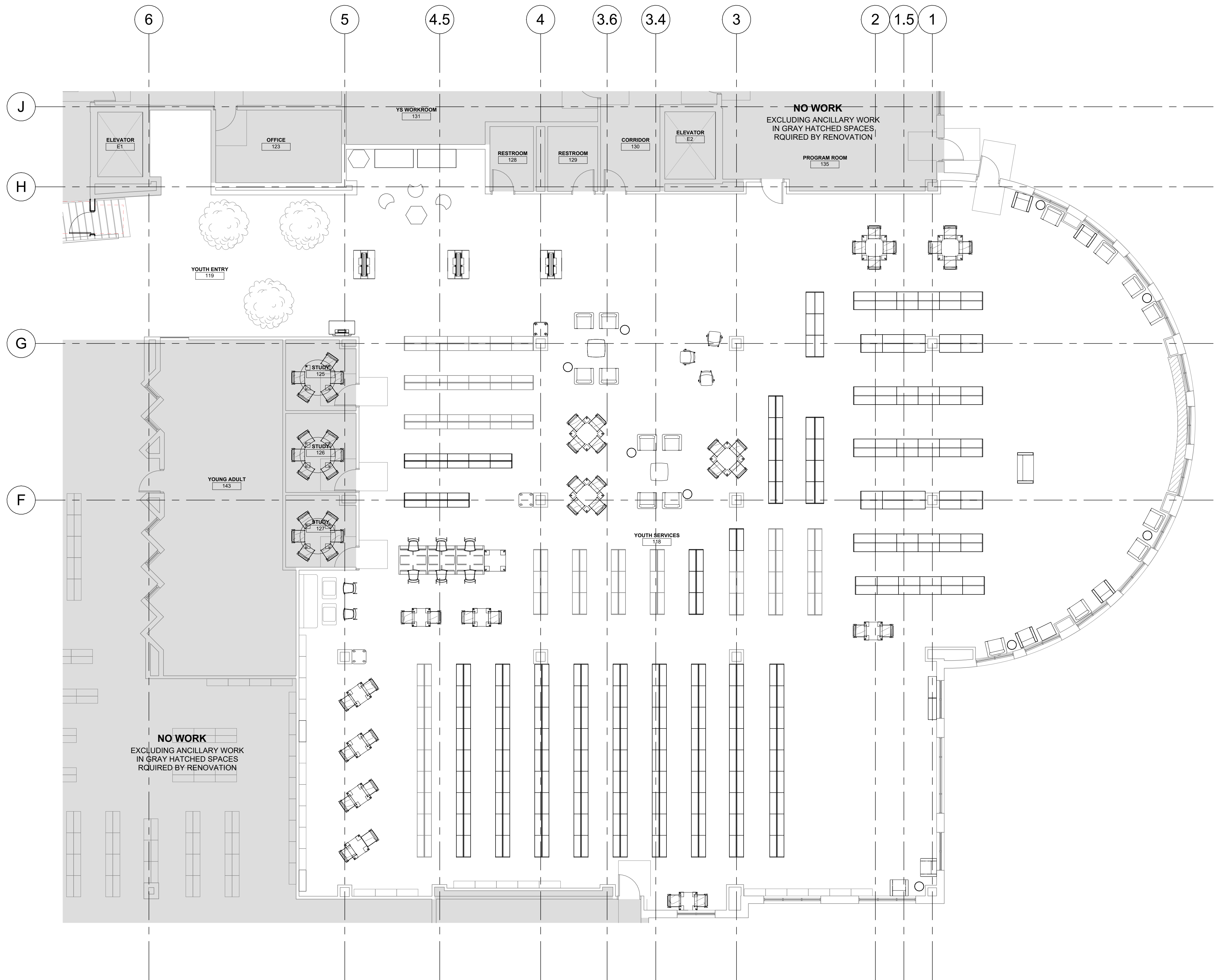


ROOM FINISH LEGEND	
<div> <div> <div>ROOM NAME</div> <div>101</div> <div>FL-1</div> <div>BA-1</div> </div> <div> <div>ROOM NAME</div> <div>ROOM NUMBER</div> <div>FLOOR MATERIAL</div> <div>WALL BASE MATERIAL</div> </div> </div> <div> <div> <div></div> <div>FLOORING PATTERN DIRECTION</div> </div> <div> <div>-----</div> <div>ACCENT PAINT LINE</div> </div> <div> <div>----</div> <div>WALLCOVERING LINE</div> </div> <div> <div> <div>LVT-1</div> <div>CPT-1</div> </div> <div>FLOORING TRANSITION TAG</div> </div> </div>	
ROOM FINISH NOTES	
1.	REFER TO SHEET A3.00 FOR FINISH SCHEDULE.
2.	REFER TO ELEVATIONS FOR ADDITIONAL INFORMATION.
3.	WALLS TO BE PAINTED PT-1 U.N.O.
4.	HOLLOW METAL DOOR AND WINDOW FRAMES TO BE PAINTED U.N.O.
5.	WOOD DOORS AND TRIM TO BE SPECIES AND STAIN SELECTED BY ARCHITECT.
6.	ALL GYPSUM BOARD CEILINGS, WALLS, AND CMU WALLS TO BE PAINTED (TYP.).
7.	PAIN T ALL STRUCTURAL ELEMENTS, INCLUDING COLUMNS, BEAMS, AND LINTELS, TO REMAIN EXPOSED.
8.	DO NOT PAINT ACOUSTICAL PANEL CEILINGS.
9.	PROVIDE PROPER SPACING FOR ALL CONTROL AND EXPANSION JOINTS NOT NECESSARILY SHOWN ON DRAWINGS FOR ALL FINISHES ACCORDING TO MANUFACTURER'S REQUIREMENTS.
10.	TRANSITION DETAILS APPLY TO FLOORING MATERIAL TRANSITIONS FOR STATED MATERIALS. VERIFY IN FIELD ALL TRANSITIONS NEEDED BUT NOT NECESSARILY SHOWN AND LOCATIONS TO BE PROVIDED.
11.	FE = FINISHED END AT ALL EXPOSED CASEWORK PANELS.
12.	ALL EXISTING AND NEW CONCRETE FLOOR SLABS RECEIVING FINISH FLOORING SHALL BE SEALED WITH MOISTURE VAPOR EMISSION CONTROL SYSTEM OR INCLUDED WATER VAPOR REDUCING ADMIXTURE FOR MOISTURE VAPOR EMISSION CONTROL AND WATER VAPOR REDUCING ADMIXTURE REQUIREMENTS, REFER TO SPECIFICATION SECTIONS 030513 AND 090501.13.
13.	CONTRACTOR TO COORDINATE ELEVATOR FLOORING FINISH WITH ELEVATOR MANUFACTURER PRIOR TO FABRICATION.
14.	FOR WALL BASE: ALL WALL CORNERS SHALL RECEIVE PRE-MANUFACTURED INSIDE AND/OR OUTSIDE CORNERS. FIELD MODIFIED/CREATED WALL BASE FOR CORNER APPLICATIONS ARE NOT ACCEPTABLE.
15.	DO NOT PAINT ALUMINUM WINDOW FRAMES.
16.	DO NOT PAINT ANY STAINED WOOD TRIM, FRAMES, DOORS, OR ANY OTHER WOOD SURFACES NOT PREVIOUSLY PAINTED.
17.	REMOVE ALL ADHESIVE ASSOCIATED WITH MARKERBOARD COMPLETE AND PREPARE WALL SURFACE SMOOTHNESS TO MATCH EXISTING ADJACENT PRIOR TO PAINTING.
18.	DO NOT PAINT ELECTRICAL WALL SWITCHES, OUTLETS, OR COVER PLATES IF NOT PREVIOUSLY PAINTED.
19.	PROVIDE ALL PREPARATION AS NECESSARY PRIOR TO PAINTING WORK INCLUDING BUT NOT LIMITED TO PATCHING HOLES AND OTHER AREAS OF DAMAGE, SECURING LOOSE TRIM, AND ANY OTHER WALL OR CEILING HARDWARE ITEMS REQUIRING ATTENTION.
20.	PROPERLY PROTECT ALL EXISTING ITEMS DURING CLEANING AND PAINTING INCLUDING BUT NOT LIMITED TO FLOORING MATERIALS, ALUM. FRAMES AND GLASS, WOOD TRIM, DOORS, AND ELECTRICAL FIXTURES, SWITCHES, OUTLETS, EMERGENCY, AND OTHER DEVICES.
21.	ELECTRICAL VERIFY AND COORDINATE ALL ITEMS, DIMENSIONS, CONDITIONS, AND QUANTITIES, ETC.

TITLE		BASE	
<div><div>T-1</div><div></div></div>	<div>DESCRIPTION: PORCELAIN WALL TILE MANUFACTURER: DALTILE STYLE: MEDITERRANEAN IVORY COLOR: TRAVERTINE T730 COMMENTS: EXISTING WALL/FLOOR STONE TILE. CONTRACTOR TO UTILIZE OWNERS' EXISTING ATTIC STOCK TO INFILL. CONTRACTOR TO MATCH EXISTING INSTALLATION METHOD.</div>	<div><div>VB-1</div><div></div></div>	<div>DESCRIPTION: RUBBER BASE MANUFACTURER: JOHNSONITE COMMENTS: 4" RUBBER BASE. ARCHITECT TO FINALIZE COLOR SELECTION.</div>
<div><div>T-2</div><div></div></div>	<div>DESCRIPTION: WALL TILE MANUFACTURER: ANN SACKS STYLE: PENNY ROUND STYLE NUMBER: SAVOY COLOR: LIME FINISH: MATTE INSTALLATION METHOD: MOSAIC LOCATION: CAFE</div>	<div><div>CB-1</div><div></div></div>	<div>DESCRIPTION: PORCELAIN WALL TILE BASE MANUFACTURER: DALTILE STYLE: MEDITERRANEAN IVORY COLOR: TRAVERTINE T730 COMMENTS: EXISTING WALL/FLOOR STONE TILE. CONTRACTOR TO UTILIZE OWNERS' EXISTING ATTIC STOCK. CONTRACTOR TO USE STANDARD TILE TO CUT DOWN TO SIZE. SIZE TO MATCH EXISTING IN FIELD.</div>
PLASTIC LAMINATE		MISCELLANEOUS	
<div><div>PL-1</div><div></div></div>	<div>DESCRIPTION: LAMINATE MANUFACTURER: FENIX STYLE: J0717 COLOR: CASTORO LOCATION: CAFE</div>	<div><div>FL-1</div><div></div></div>	<div>DESCRIPTION: GLASS FILM LOCATION: LOBBY</div>
SIMULATED STONE		<div><div>AC-1</div><div></div></div>	<div>DESCRIPTION: ACOUSTICAL CEILING BAFFLE MANUFACTURER: KIRIE STYLE: TESSALLATE COLOR: CREAM SIZE: 97" LONG LOCATION: LOBBY</div>
PAINT			
<div><div>PT-1</div><div></div></div>	<div>DESCRIPTION: PAINT COMMENTS: MATCH EXISTING NEUTRAL WHITE IN THE FIELD</div>		
<div><div>PT-2</div><div></div></div>	<div>DESCRIPTION: PAINT MANUFACTURER: SHERWIN-WILLIAMS STYLE: ACACIA HAZE SW9132 FINISH: DRYWALL ON CEILING IN FLAT FINISH & EGGSHELL ON WALLS</div>		
CARPET			
<div><div>CPT-1</div><div></div></div>	<div>DESCRIPTION: CARPET MANUFACTURER: MANNINGTON COMMENTS: CONTRACTOR TO UTILIZE OWNERS' EXISTING ATTIC STOCK TO INFILL. SALVAGE AND SAVE WHOLE PLANKS OF DEMOLISHED EXISTING CAPRET FOR REINSTALLATION</div>		
<div><div>CPT-2</div><div></div></div>	<div>DESCRIPTION: CARPET COMMENTS: CONTRACTOR TO UTILIZE OWNERS' EXISTING ATTIC STOCK TO INFILL. SALVAGE AND SAVE WHOLE PLANKS OF DEMOLISHED EXISTING CARPET FOR REINSTALLATION.</div>		



① FIRST FLOOR - NEW FLOOR PLAN - FURNITURE PLAN - FOR REFERENCE ONLY
1/8" = 1'-0"



② FIRST FLOOR - NEW FLOOR PLAN - YOUTH - FURNITURE PLAN - FOR REFERENCE ONLY
1/8" = 1'-0"



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FURNITURE
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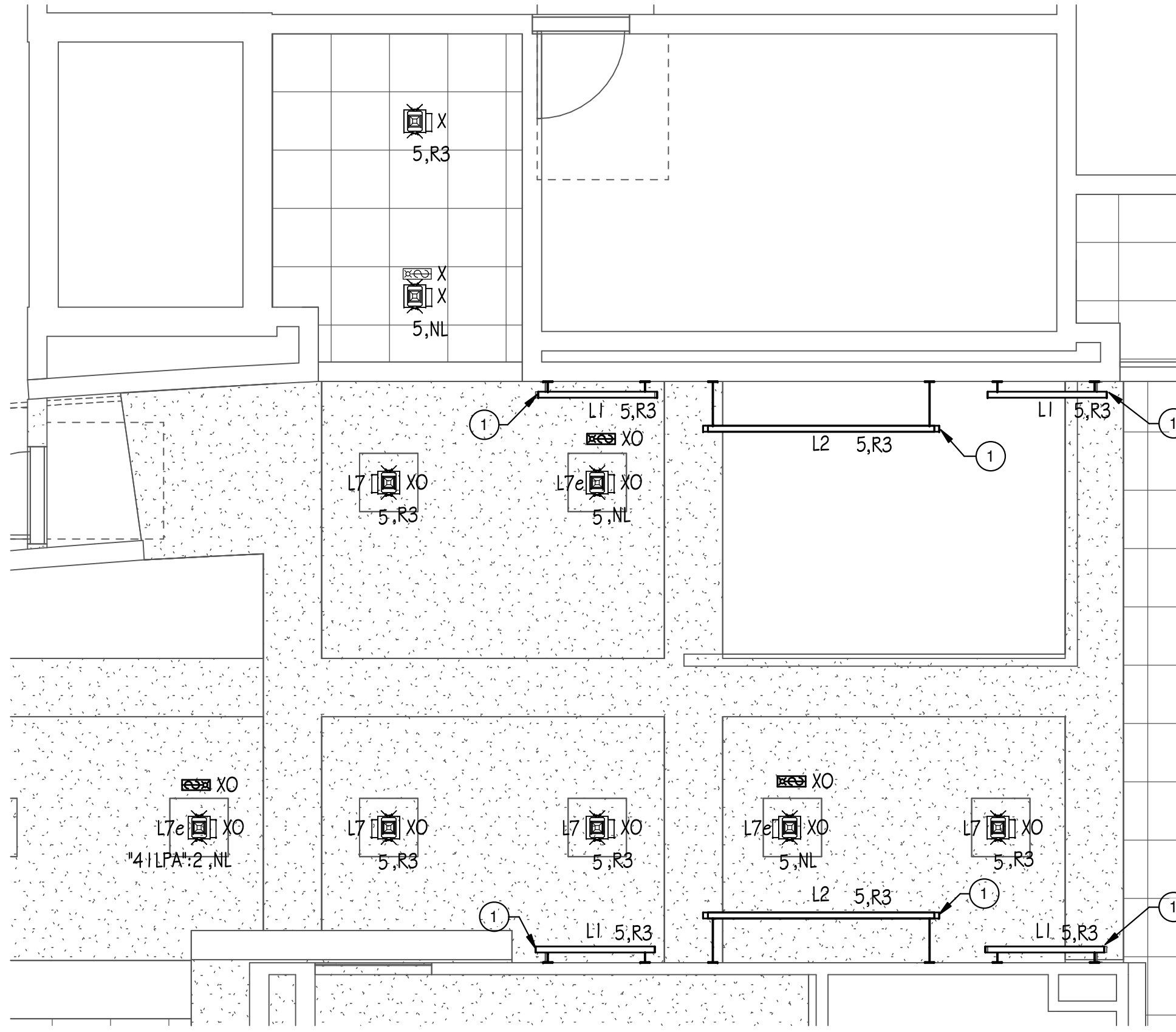
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DRAWING NOTES

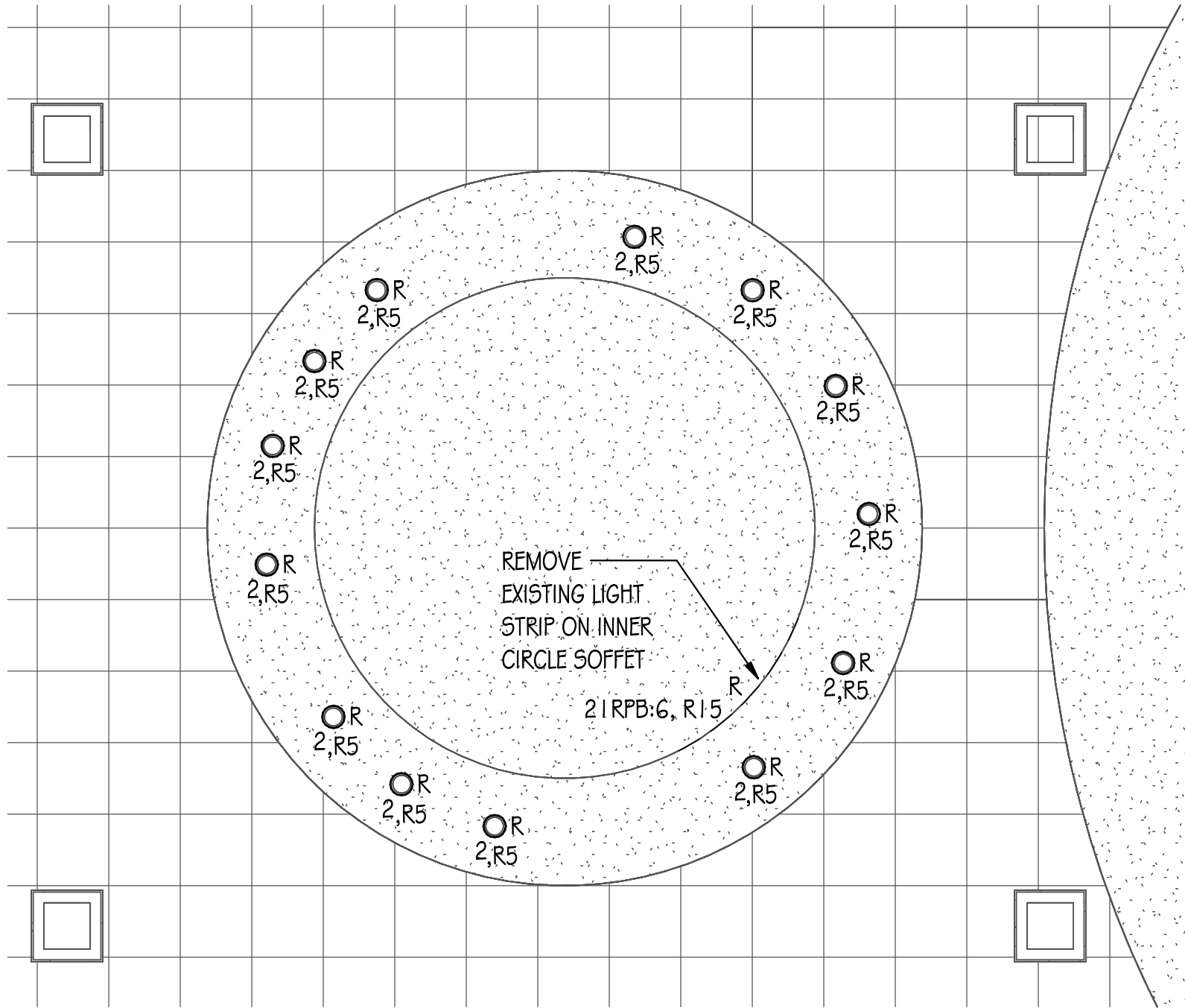
1. CONNECT TO EXISTING LIGHTING CIRCUIT AND RELAY PANEL/TIMER CONTROLS SERVING LIGHTING IN THIS AREA; VERIFY EXISTING CONDITIONS IN FIELD.
2. REMOVE FLOOR BOX AND DISCONNECT DATA CABLING AND CONDUCTORS; DATA CABLING AND CONDUCTORS BE RECONNECTED AT NEW FLOORBOX LOCATION. VERIFY REQUIREMENTS IN FIELD.
3. PROVIDE NEW FLOORBOX SIMILAR TO EXISTING: FOUR-COMPARTMENT FLOOR BOX WITH COVER PLATE AS MANUFACTURED BY LEGRAND, WIREMOLD RFB44 SERIES. PROVIDE ALL INTERNAL BRACKETS AS REQUIRED TO ACCOMMODATE BOTH POWER AND LOW VOLTAGE. PROPOSED ROUTING IS SHOWN. VERIFY FINAL LOCATION WITH ARCHITECT PRIOR TO INSTALLATION. CUT/PATCH FLOOR AND MODIFY/EXTEND UNDERFLOOR (1") CONDUITS AS REQUIRED. RECONNECT DATA CABLING AND CONDUCTORS SERVING PREVIOUS FLOORBOX LOCATION. PATCH AND REPAIR FLOOR TO MATCH SURROUNDING SURFACE IF NECESSARY. LOCATE AND MARK ANY EXISTING UTILITIES IN AREA BY EMPLOYING SERVICE TO X-RAY THE SLAB. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY DAMAGES TO EXISTING UTILITIES DUE TO SAWCUTTING.
4. RECONNECT LIGHTING AND CONTROLS PREVIOUSLY SERVING REMOVED LIGHTING IN THIS SPACE. EXTEND/MODIFY RACEWAY AND CONDUCTORS AS REQUIRED.



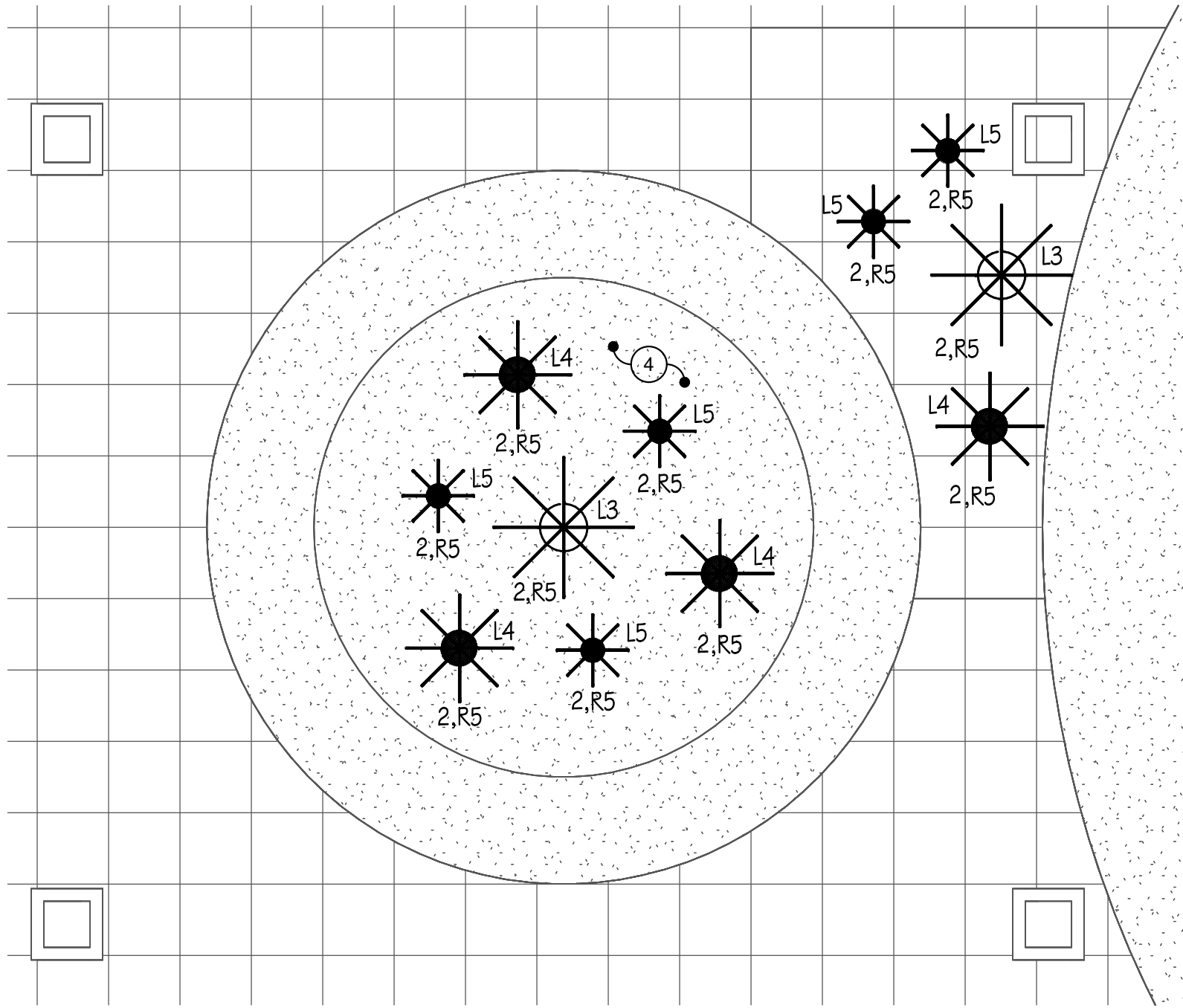
5 FIRST FLOOR LIGHTING DEMO PLAN – ENTRYWAY
1/4" = 1'-0"



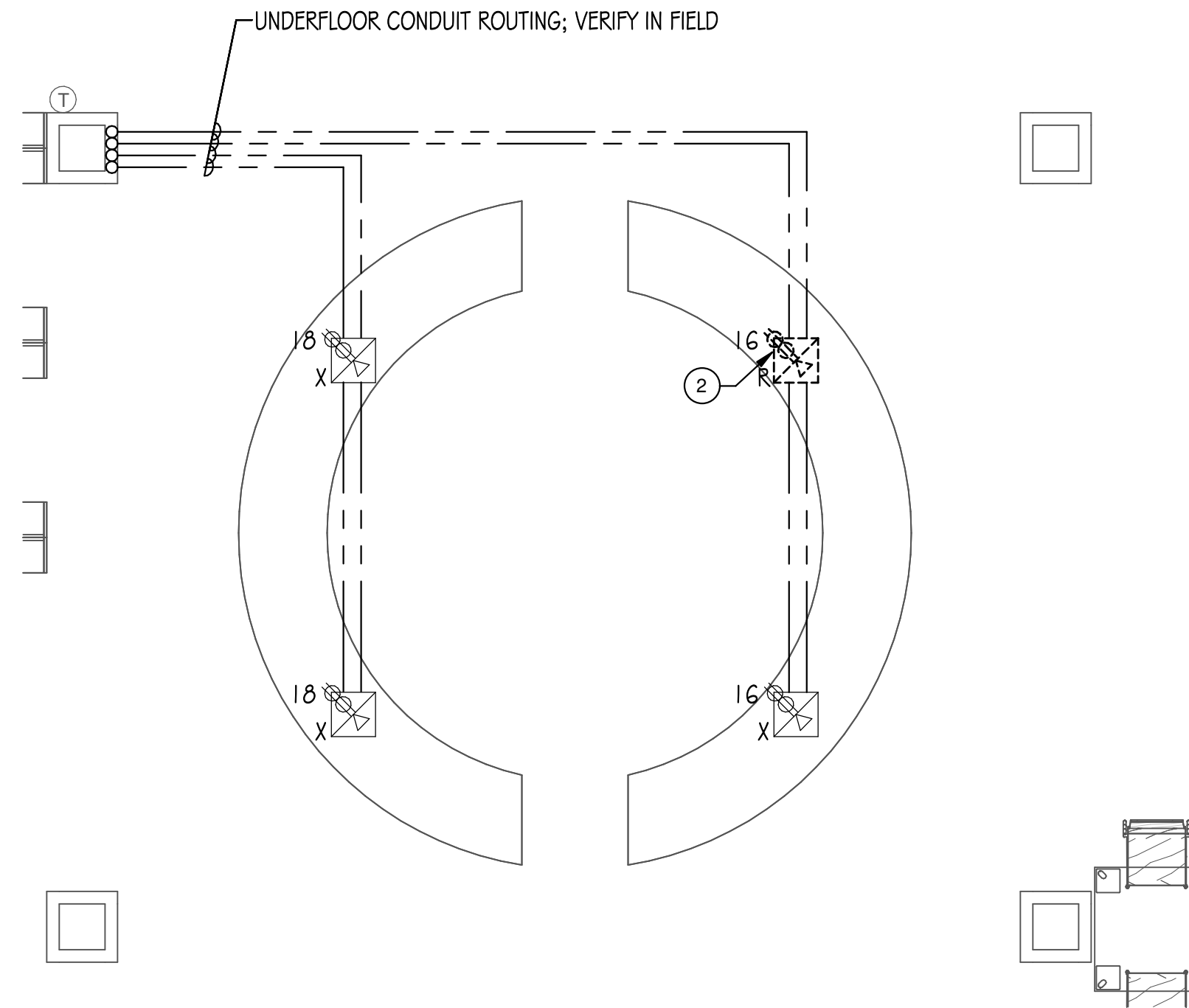
6 FIRST FLOOR LIGHTING PLAN – ENTRYWAY
1/4" = 1'-0"



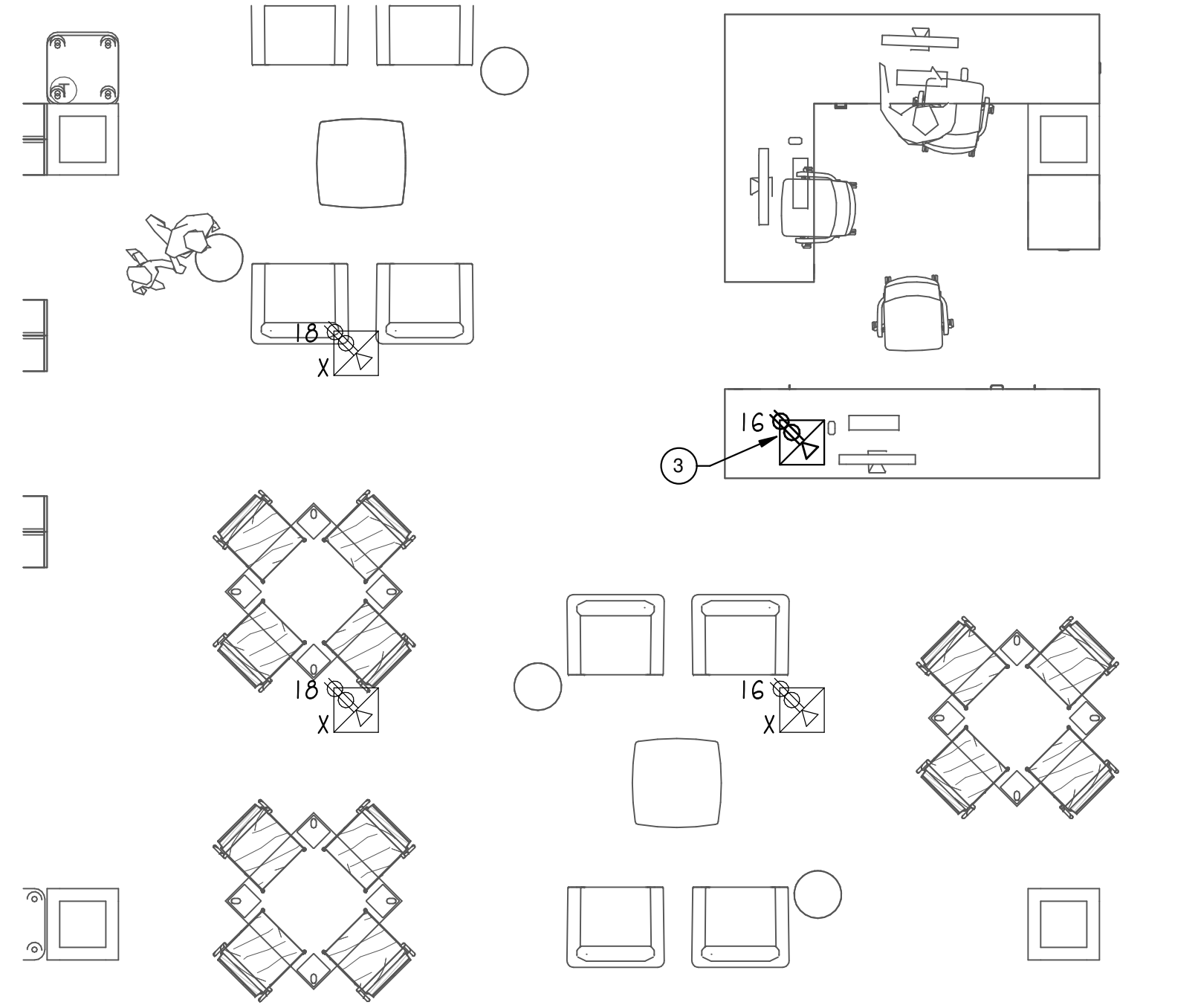
3 FIRST FLOOR LIGHTING DEMO PLAN – YOUTH
1/4" = 1'-0"



4 FIRST FLOOR LIGHTING PLAN – YOUTH
1/4" = 1'-0"



1 FIRST FLOOR POWER DEMO PLAN – YOUTH
1/4" = 1'-0"



2 FIRST FLOOR POWER PLAN – YOUTH
1/4" = 1'-0"

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**DEMOLITION
AND NEW WORK
ELECTRICAL
AND LIGHTING
PLANS**

E1.01



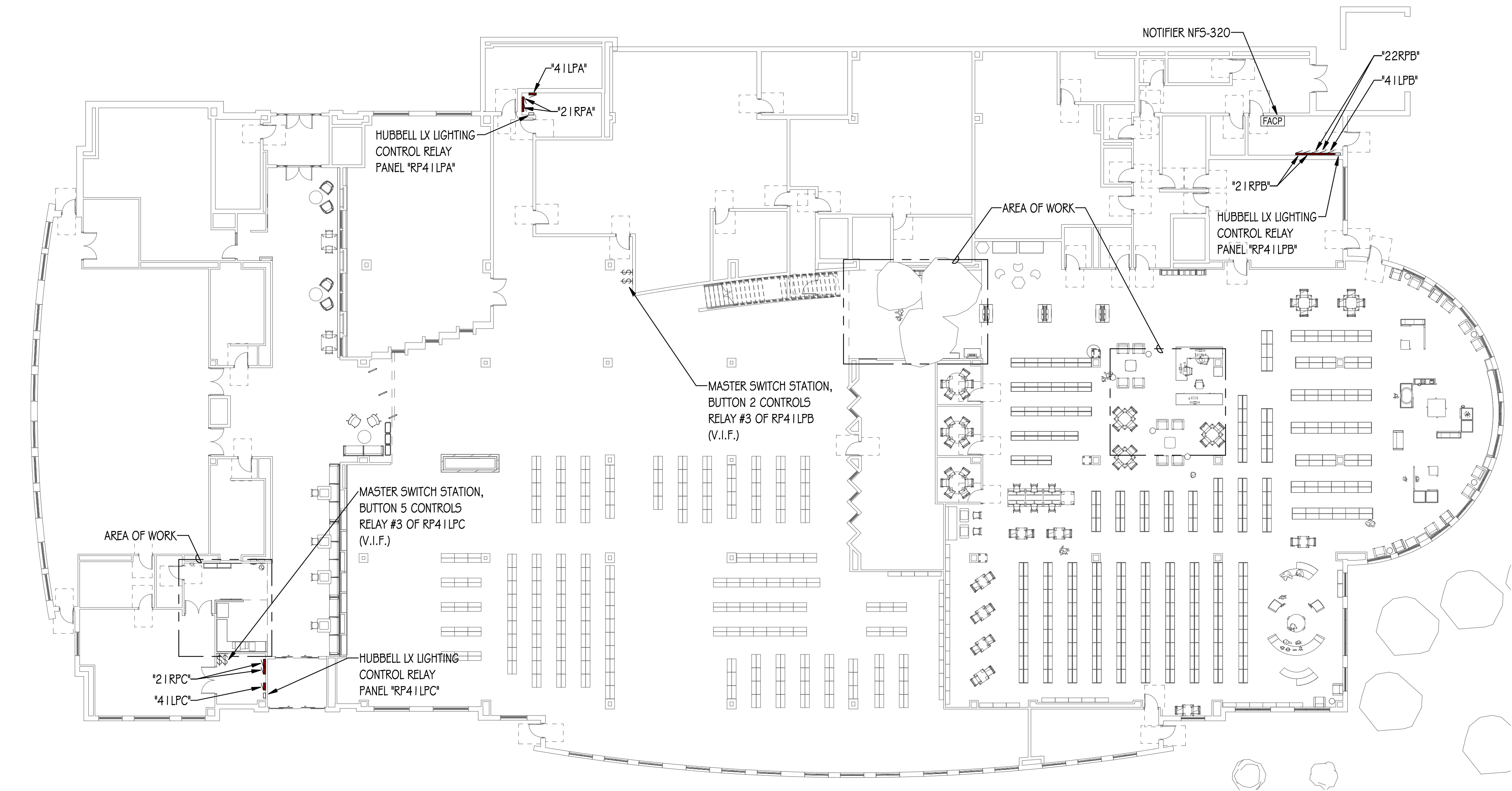
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① FIRST FLOOR REFERENCE PLAN
1/16" = 1'-0"

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**ELECTRICAL
REFERENCE
PLAN AND
NOTES**

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ELECTRICAL
SPECIFICATIONS
SYMBOLS, AND
NOTES

E2.00

POWER SYMBOL LIST

	20A, 2P, 3 WIRE, GROUNDING TYPE, 125V, SPECIFICATION-GRADE, TAMPER RESISTANT DUPLEX RECEPTACLE NEMA 5-20R INSTALLED 16" A.F.F.
	20A, 2P, 3 WIRE, GROUNDING TYPE, 125V, SPECIFICATION-GRADE, TAMPER RESISTANT SIMPLEX RECEPTACLE NEMA 5-20R INSTALLED 16" A.F.F.
	20A, 2P, 3 WIRE, GROUNDING TYPE, 125V, SPECIFICATION-GRADE, TAMPER RESISTANT SIMPLEX RECEPTACLE NEMA 5-20R INSTALLED ABOVE 6" COUNTER CIRCUIT BREAKER PANELBOARD.
	ELECTRICAL DEVICE MOUNTED ON SURFACE RACEWAY, WIREMOLD V700 MINIMUM.
	FIRE ALARM SYSTEM CEILING SMOKE DETECTOR.
	FIRE ALARM CONTROL PANEL.
	FIRE ALARM SYSTEM VISUAL NOTIFICATION INSTALLED 80" A.F.F.
	FIRE ALARM SYSTEM AUDIO/VISUAL NOTIFICATION INSTALLED 80" A.F.F.
	DATA OUTLET LOCATION.
	WIRELESS ACCESS POINT DATA OUTLET LOCATION.
	TV CONNECTION LOCATION.
	SECURITY CAMERA LOCATION.

LIGHTING SYMBOL LIST

	LINEAR LUMINAIRE, WALL MOUNTED, PER LUMINAIRE SCHEDULE.
	RECESSED CEILING MOUNTED LUMINAIRE.
	- NL INDICATES NIGHT LIGHT WITH EMERGENCY BALLAST AND TEST SWITCH.
	ILLUMINATED EXIT SIGN, SURFACE CEILING MOUNTED.
	MULTI-BUTTON SWITCH STATION.
	SINGLE POLE 20 AMP 120/277 VOLT TOGGLE SWITCH WITH PILOT LIGHT INSTALLED 48" A.F.F. TO TOP OF DEVICE.

ELECTRICAL SPECIFICATIONS

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND SHALL CONFORM TO LOCAL VILLAGE OF GLENVIEW AMENDMENTS.
- PROVIDE ALL PERMITS AND INSPECTION FEES.
- ALL MATERIAL AND LABOR SHALL BE GUARANTEED FOR ONE YEAR AFTER FINAL ACCEPTANCE BY THE ENGINEER.
- THIS CONTRACTOR SHALL PROVIDE ALL THEIR OWN RIGGING, SCAFFOLDING, RUBBISH REMOVAL, AND LEAVE SPACE BROOM CLEAN.
- MINIMUM SIZE CONDUIT SHALL BE 3/4" EMT. EMT FITTINGS SHALL BE COMPRESSION TYPE. IMC SHALL HAVE THREADED CONNECTIONS.
- MINIMUM SIZE CONDUCTOR SHALL BE #12 THHN, OR THWN WHERE REQUIRED, WITH #14 USED FOR CONTROL WIRING. CONDUCTOR MATERIAL SHALL BE COPPER ONLY.
- PROVIDE SEPARATE, INSULATED EQUIPMENT GROUNDING CONDUCTOR WITHIN EACH FEEDER AND BRANCH CIRCUIT RACEWAY. TERMINATE EACH END ON SUITABLE LUG, BUS, OR BUSHING.
- BRANCH CIRCUIT CONDUCTORS FOR 20 AMP RECEPTACLES AND LIGHTING CIRCUITS SHALL BE ADJUSTED FOR VOLTAGE DROP:
 - 120/208V: 0-75' - #12AWG MINIMUM
75'-150' - #10AWG MINIMUM
150'-225' - #8AWG MINIMUM
 - 277/480V: 0-100' - #12AWG MINIMUM
100'-200' - #10AWG MINIMUM
200'-300' - #8AWG MINIMUM
- CONDUCTOR SIZES #14 AWG, #12 AWG, AND #10 AWG SHALL BE SOLID. CONDUCTOR SIZES #8 AWG AND LARGER SHALL BE STRANDED. ALL CONDUCTORS SHALL BE COLOR CODED.
- THIS CONTRACTOR SHALL PROVIDE ALL NECESSARY CUTTING AND PATCHING INCLUDING SLEEVES AND INSERTS.
- THE COLOR AND FINISH OF ALL MATERIALS SHALL BE SUBJECT TO REVIEW AND APPROVAL OF ARCHITECT. PROVIDE SHOP DRAWINGS REQUIRED FOR FINISH AND COLOR SELECTION.
- ALL NEW CIRCUIT BREAKERS SHALL BE BOLT-ON BREAKERS, COMPATIBLE WITH EXISTING PANELBOARD. UPDATE PANELBOARD DIRECTORIES.
- BEFORE SUBMITTING THEIR BID, THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE TO ASCERTAIN ALL WORK INVOLVED IN THE PROJECT.
- THIS CONTRACTOR SHALL COORDINATE THEIR WORK WITH OTHER CONTRACTORS ON THE PROJECT.
- THIS CONTRACTOR SHALL MAKE NECESSARY MODIFICATIONS AND ADJUSTMENTS TO ALL ELECTRICAL ITEMS AND EQUIPMENT AS MAY BE REQUIRED BY THIS WORK.
- ALL NEW FIRE ALARM CABLING ABOVE ACCESSIBLE CEILINGS SHALL BE PLENUM RATED CABLE OF TYPE COMPATIBLE WITH EXISTING BUILDING FIRE ALARM SYSTEM.
- ALL NEW FIRE ALARM DEVICE(S) SHALL BE UL LISTED AND OF TYPE AND MANUFACTURER TO MATCH EXISTING. NEW FIRE ALARM DEVICE(S) SHALL BE INTEGRATED INTO EXISTING FIRE ALARM SYSTEM.
- ALL NEW FIRE ALARM CABLES SHALL BE IN CONDUIT EXCEPT WHERE LOCATED ABOVE ACCESSIBLE CEILINGS. FIRE ALARM CONDUITS SHALL BE 1/2" MINIMUM. JUNCTION BOXES SERVING FIRE ALARM DEVICES SHALL BE RED. PROVIDE #18 AWG MINIMUM SIZE CONDUCTOR FOR INITIATING CIRCUITS AND #12 AWG MINIMUM SIZE CONDUCTOR FOR NOTIFICATION CIRCUITS. ALL CONDUIT/BOXES SHALL BE CONCEALED IN WALLS UNLESS WALL IS OF EXISTING MASONRY CONSTRUCTION WHERE ARCHITECT APPROVED SURFACE MOUNTED RACEWAY/BOXES MAY BE UTILIZED (WIREMOLD OR EQUAL).

DEMOLITION PLAN GENERAL NOTES

- ALL INDICATED ELECTRICAL EQUIPMENT, FIXTURES, DEVICES, AND RELATED CONDUIT AND WIRING TO BE REMOVED UNLESS NOTED OTHERWISE.
- ALL DEMOLITION OF THE ELECTRICAL SYSTEM AS NOTED ON THE DEMOLITION DRAWINGS SHALL BE COORDINATED WITH THE RENOVATION REQUIREMENTS TO DETERMINE THIS CONTRACTOR'S WORK.
- IT IS THE INTENT OF THE ELECTRICAL DEMOLITION DRAWING(S) TO INDICATE AREAS IN WHICH ELECTRICAL EQUIPMENT, CONDUIT, LUMINAIRES, DEVICES, ETC. NEED TO BE REMOVED, RELOCATED, OR MODIFIED BY THIS CONTRACTOR TO ALLOW FOR THE RENOVATION PHASE OF CONSTRUCTION. THE ELECTRICAL DEMOLITION PLAN IS FOR REFERENCE PURPOSES ONLY AND IT IS NOT INTENDED TO BE THE SOLE SOURCE OF EXISTING CONDITIONS.
- CONTRACTOR SHALL VISIT THE BUILDING, BEFORE SUBMITTING THEIR BID, TO VERIFY THE EXISTING CONDITIONS WHICH WILL AFFECT THEIR WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE ELECTRICAL DEMOLITION REQUIRED TO ACCOMMODATE THE RENOVATION. REMOVE AS REQUIRED ALL LUMINAIRES, CONNECTIONS TO MECHANICAL EQUIPMENT, DEVICES, ETC.. PULL OUT ALL UNUSED CONDUCTORS AND CABLES, AND REMOVE ALL ABANDONED CONDUIT. ELECTRICALLY DISCONNECT AIR HANDLING UNITS, PUMPS, BOILERS, AND OTHER SUCH EQUIPMENT FOR REMOVAL BY OTHERS. BACKFEED AS REQUIRED ALL DOWNSTREAM DEVICES WHICH REMAIN. (THE CONTRACTOR SHALL COORDINATE WITH THE OWNER WHICH ITEMS INDICATED TO BE REMOVED & DISCONNECTED SHALL BE SALVAGED AND PRESENTED TO THE OWNER PRIOR TO ANY DISPOSAL OF THESE ITEMS.)
- ALL REMOVED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. WHERE WORK CALLED FOR ON THE DRAWINGS OR IN THE SPECIFICATIONS INVOLVES THE REMOVAL OF FLUORESCENT LAMPS CONTAINING MERCURY OR CLOTH INSULATED CONDUCTORS, THEY SHALL BE PROPERLY HANDLED AND REMOVED FROM SITE BY APPROVED METHODS PER EPA REGULATIONS.
- ALL EXISTING RECEPTACLES/DATA OUTLETS/DEVICES/EQUIPMENT THAT ARE NOT PART OF DEMOLITION SHALL REMAIN AS IS UNLESS NOTED OTHERWISE. CONTRACTOR SHALL CHECK AND VERIFY FOR CONTINUING OPERATION OF THESE DEVICES PRIOR TO SUBSTANTIAL COMPLETION. IF ANY EXISTING CIRCUITS TO REMAIN ARE INTERRUPTED BY DEMOLITION OR NEW CONSTRUCTION, CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT/REMOVAL/ROUTING/MODIFICATION OF CONDUITS AND WIRES INCLUDING EXTENSION, AS REQUIRED TO MAINTAIN FUNCTIONALITY OF DOWNSTREAM RECEPTACLES/DATA OUTLETS/DEVICES/EQUIPMENT.
- THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT PHASING AND MAINTAIN EXISTING SYSTEMS ACTIVE IN AREAS WHICH REMAIN OCCUPIED.
- EXISTING CEILING MOUNTED SPEAKERS, PROGRAM BELLS, FIRE ALARM DEVICES, AND SIMILAR ELECTRICAL EQUIPMENT AND DEVICES TO REMAIN SHALL BE EXTENDED AND REINSTALLED AS REQUIRED IN NEW CEILINGS. FIELD VERIFY EXACT QUANTITIES AND REQUIREMENTS.
- SUPPORT ALL CABLING DRAPED OR LYING LOOSE ABOVE EXISTING CEILINGS WHICH ARE SCHEDULED TO BE REMOVED. TIE WRAP CABLING TO JOISTS OR OTHER STRUCTURAL MEMBERS AS REQUIRED. UPON THE COMPLETION OF THE PROJECT, NO WIRING SHALL BE LYING ON ACCESSIBLE CEILINGS.
- WHERE EXISTING DEVICE IS REMOVED FROM WALL WITH NO NEW DEVICE GOING BACK AT SAME LOCATION, PROVIDE BLANK COVER PLATES AS REQUIRED. COVER PLATES SHALL BE OF PROPER SIZE AND INSTALLED FLUSH WITH WALL.

LIGHTING PLAN GENERAL NOTES

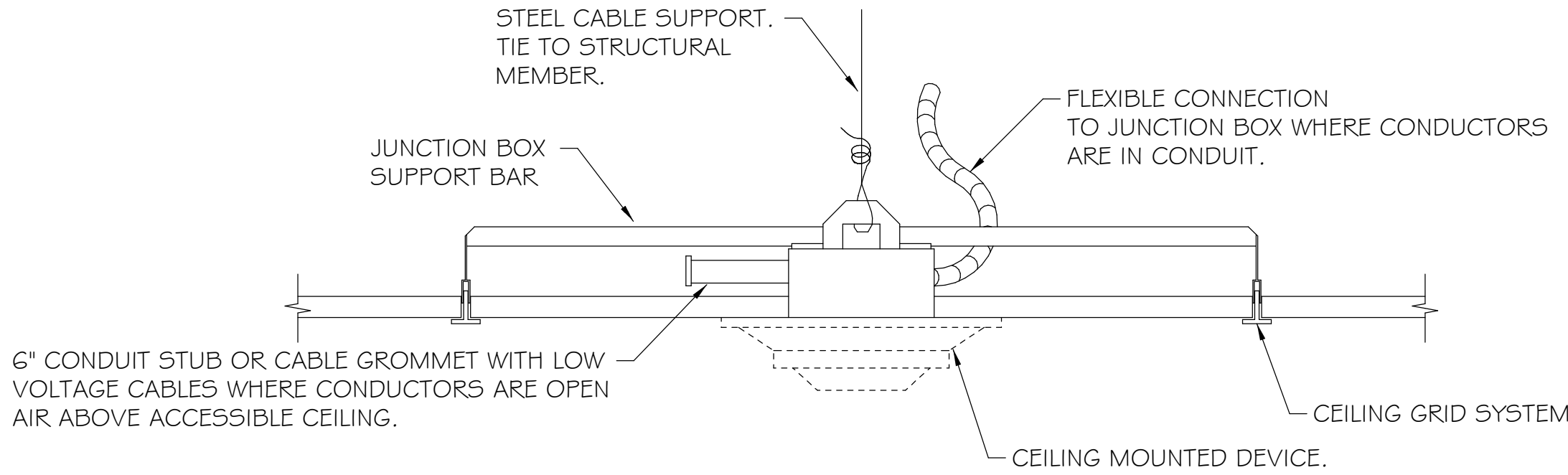
- THE MINIMUM WIRE SIZE SHALL BE #12 AWG EXCEPT FOR SHARED NEUTRAL CONDUCTORS WHICH THE MINIMUM SIZE SHALL BE #10 AWG. THE MINIMUM CONDUIT SIZE FOR HOMERUNS SHALL BE 3/4". 1/2" CONDUIT IS ACCEPTABLE FOR BRANCH WIRING TO LUMINAIRES WHERE APPLICABLE. ALL LIGHTING BRANCH CIRCUITS SHALL TERMINATE AT 20A/1-POLE CIRCUIT BREAKERS IN PANELBOARD INDICATED UNLESS NOTED OTHERWISE.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LUMINAIRE LOCATIONS. REFER TO ARCHITECTURAL ELEVATIONS FOR LUMINAIRE SUSPENSION LENGTHS AND MOUNTING HEIGHTS.
- CIRCUIT NUMBER(S), WHERE SHOWN, ARE TO INDICATE QUANTITY OF CIRCUITS REQUIRED. VERIFY EXACT CIRCUIT NUMBER TO BE UTILIZED IN FIELD. CONTRACTOR SHALL PROVIDE ACTUAL CIRCUITING AS PART OF "AS BUILT" DRAWINGS.
- EMERGENCY BATTERY PACKS SHOWN ARE TO BE CONNECTED TO THE NEAREST LIGHTING BRANCH CIRCUIT AHEAD OF LOCAL SWITCH UNLESS NOTED OTHERWISE.
- ALL LAY-IN FIXTURES SHALL BE INDEPENDENTLY SUPPORTED AT OPPOSITE CORNERS TO A STRUCTURAL MEMBER.
- PROVIDE PULL BOX(ES) BETWEEN PULL POINTS AS REQUIRED TO COMPLY WITH NEC 344.26 SUCH THAT THERE SHALL NOT BE MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (360 DEGREE TOTAL) BETWEEN PULL POINTS.
- ALL DIMMING SYSTEM CONTROL WIRING SHALL BE RATED AT 600V AND SHALL BE IN THE SAME CONDUIT AS THE CIRCUIT PROVIDING POWER TO THE LIGHT FIXTURE. CONDUIT SHALL BE 1/2" MINIMUM FOR DIMMING SYSTEM CONTROL WIRING WHERE RAN INDEPENDENT OF THE CIRCUIT SUPPLYING POWER TO THE FIXTURES.
- PROVIDE SEPARATE NEUTRAL FOR ALL DIMMED CIRCUITS.
- IN NEW WORK, CONTRACTOR SHALL PROVIDE COMMON DISCONNECTING MEANS FOR BRANCH CIRCUITS UTILIZING SHARED NEUTRALS PER ARTICLE 210.4(B). HANDLE TIES ARE ACCEPTABLE WHEN BREAKERS ARE "SLASH RATED" FOR THE HIGHER SYSTEM VOLTAGE RATING OF THE SYSTEM. WHEN HANDLE TIES ARE NOT POSSIBLE DUE TO NON-ADJACENT BREAKERS, PROVIDE A DEDICATED NEUTRAL FOR EACH UNGROUNDED CONDUCTOR.
- IN EXISTING WORK WHEN UTILIZING EXISTING SPACES OR SPARES, CONTRACTOR SHALL PROVIDE DEDICATED NEUTRAL FOR EACH BRANCH CIRCUIT UNLESS HANDLE TIES ARE UTILIZED TO MEET THE REQUIREMENTS OF ARTICLE 210.4(B).
- IN JUNCTION BOXES WHERE CURRENT CARRYING CONDUCTORS ARE SPLICED OR TERMINATED, PROVIDE BOND TO JUNCTION BOX FROM EQUIPMENT GROUNDING CONDUCTOR.

POWER PLAN GENERAL NOTES

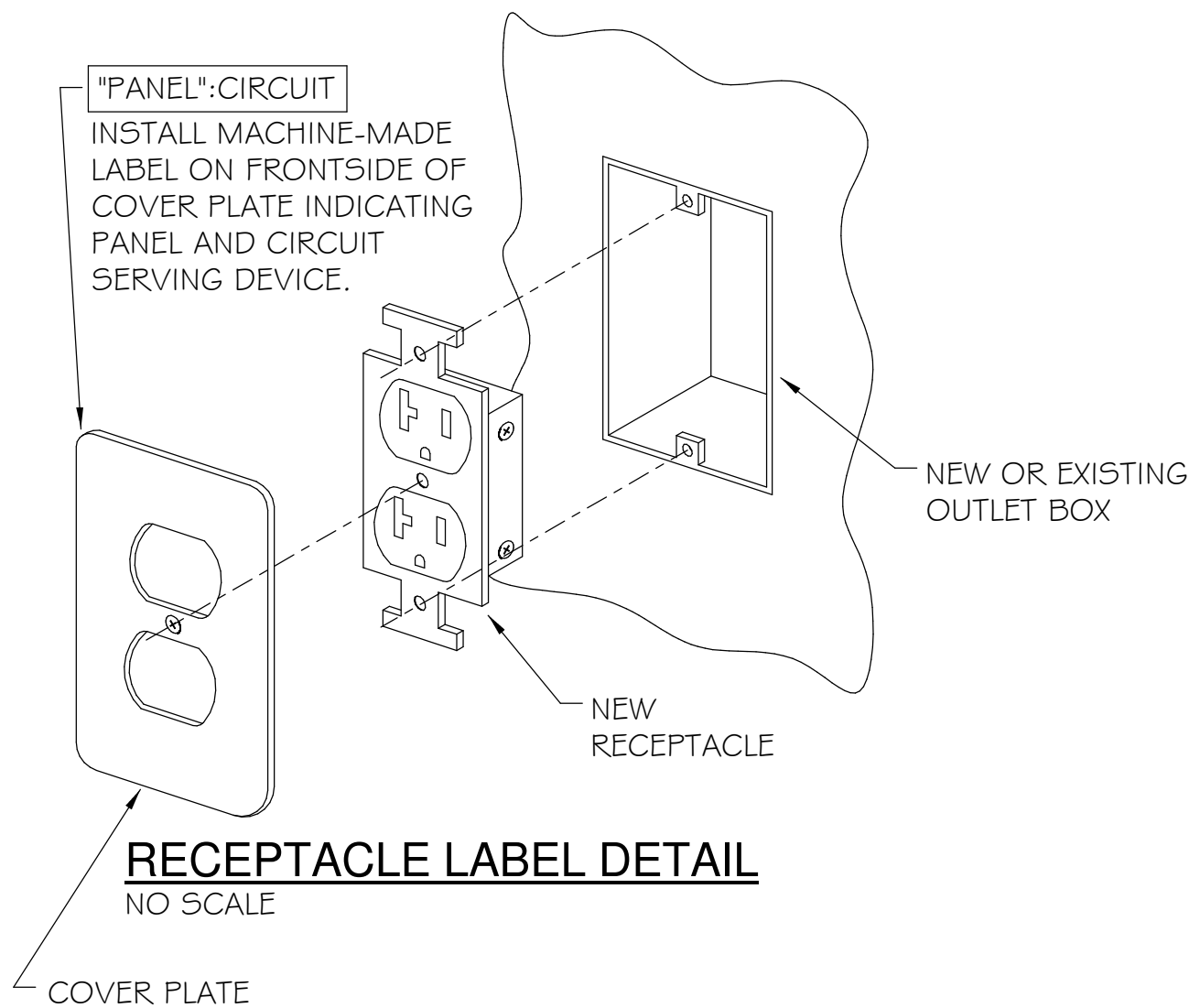
- THE MINIMUM WIRE SIZE SHALL BE #12 AWG EXCEPT FOR SHARED NEUTRAL CONDUCTORS WHICH THE MINIMUM SIZE SHALL BE #10 AWG. THE MINIMUM CONDUIT SIZE FOR HOMERUNS AND BRANCH FEEDS TO POWER OUTLETS SHALL BE 3/4". 1/2" CONDUIT IS ACCEPTABLE FOR BRANCH WIRING TO END OF THE LINE RECEPTACLES ONLY. ALL POWER BRANCH CIRCUITS SHALL TERMINATE AT 20A/1-POLE CIRCUIT BREAKERS IN PANELBOARD INDICATED UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL PROVIDE ALL PENETRATIONS, SLEEVES, AND SEALANT AS REQUIRED THROUGH PARTITIONS TO ACCOMMODATE THE FIRE ALARM, PAGING, CLOCK, VOICE, AND DATA CABLING. ANY PENETRATIONS THROUGH WALLS AND FLOORS SHALL BE PROPERLY SEALED AND TREATED TO MAINTAIN THE FIRE STOPPING RATING OF THE WALLS, FLOORS, AND CEILINGS.
- BACKBOXES ARE TO BE MOUNTED OFFSET, NOT BACK TO BACK.
- CIRCUIT NUMBER(S), WHERE SHOWN, ARE TO INDICATE QUANTITY OF CIRCUITS REQUIRED. VERIFY EXACT CIRCUIT NUMBER TO BE UTILIZED IN FIELD. CONTRACTOR SHALL PROVIDE ACTUAL CIRCUITING AS PART OF "AS BUILT" DRAWINGS.
- UNLESS INDICATED OTHERWISE, ALL MATERIALS REQUIRED TO PROVIDE BRANCH CIRCUITS AND FEEDERS ARE TO BE NEW.
- DURING THE COURSE OF INVESTIGATION AND DEMOLITION, IF IT IS DETERMINED THAT IT MAY BE FEASIBLE TO UTILIZE EXISTING MATERIALS FOR BRANCH CIRCUITS AND FEEDERS, CONTRACTOR SHALL NOTIFY ENGINEER FOR APPROVAL PRIOR TO PERFORMING ANY WORK.
- REFER TO MECHANICAL SHEETS FOR ADDITIONAL EQUIPMENT INFORMATION.
- ANY ELECTRICAL DEVICES ON NEW WALLS SHALL BE FLUSH MOUNTED. NO WIREMOLDS ARE ACCEPTABLE ON NEW WALLS UNLESS NOTED OTHERWISE.
- VERIFY RECEPTACLE LOCATIONS WITH ARCHITECTURAL FURNITURE LAYOUT TO ENSURE PROPER ACCESSIBILITY.
- REFER TO ELECTRICAL DETAILS SHEET FOR ADDITIONAL NOTES AND DETAILS.
- LOW VOLTAGE WIRING SHALL NOT LIE ON TOP OF CEILING GRID SYSTEM. WIRING SHALL BE SUPPORTED AT INTERVALS NOT EXCEEDING 5 FEET BY UTILIZING J-HOOKS SUPPORTED BY STRUCTURAL MEMBERS. WIRING SHALL BE ROUTED PARALLEL OR PERPENDICULAR TO STRUCTURAL MEMBERS.
- DRAWINGS DO NOT REPRESENT ALL EXISTING FIRE ALARM DEVICES. INITIATING AND NOTIFICATION DEVICES NOT SHOWN ON THE DRAWINGS ARE EXISTING TO REMAIN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN OPERATION OF THE EXISTING DEVICES NOT SHOWN.
- REMOVE AND REINSTALL CEILING MOUNTED DEVICES AS REQUIRED TO ALLOW INSTALLATION OF FEEDERS, BRANCH CIRCUITS, MECHANICAL PIPING, AND DUCT WORK. DEVICES INCLUDE BUT ARE NOT LIMITED TO: LUMINAIRES, SPEAKERS, FIRE ALARM, AND PAGING DEVICES.
- PROVIDE PULL BOX(ES) BETWEEN PULL POINTS AS REQUIRED TO COMPLY WITH NEC 344.26 SUCH THAT THERE SHALL NOT BE MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (360 DEGREE TOTAL) BETWEEN PULL POINTS.
- SPECIAL ATTENTION SHALL BE PAID TO ALL CONDUIT ROUTING IN OPEN CEILING SPACE FOR AESTHETIC PURPOSES. ALL EXPOSED CONDUITS SHALL BE ROUTED PERPENDICULAR AND PARALLEL TO BUILDING LINES AND TIGHT TO CEILING/STRUCTURAL CORNERS. WHERE THIS IS NOT FEASIBLE, SUBMIT CONDUIT ROUTING PLAN TO ARCHITECT/ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
- IN RENOVATIONS, IF AN EXISTING RECEPTACLE/JUNCTION BOX LOCATION WILL END UP HIDDEN BEHIND PERMANENTLY INSTALLED EQUIPMENT OR CASEWORK, PROCEED AS NOTED BELOW:
 - IF THE RECEPTACLE IS AN END OF LINE DEVICE (IT DOES NOT FEED OTHER DEVICES), IT SHALL BE REMOVED INCLUDING ASSOCIATED WIRING BACK TO LAST ACTIVE DEVICE OR JUNCTION BOX AND A BLANK COVER PLATE INSTALLED.
 - IF THE RECEPTACLE DOES SERVE DOWNSTREAM DEVICES, REMOVE RECEPTACLE AND REWORK WIRING TO A NEW OR EXISTING JUNCTION BOX ABOVE CEILING SUCH THAT NO WIRES ARE PRESENT IN THE JUNCTION BOX. A BLANK COVER PLATE SHALL BE INSTALLED.
- IN NEW WORK, CONTRACTOR SHALL PROVIDE COMMON DISCONNECTING MEANS FOR BRANCH CIRCUITS UTILIZING SHARED NEUTRALS PER ARTICLE 210.4(B). HANDLE TIES ARE ACCEPTABLE WHEN BREAKERS ARE "SLASH RATED" FOR THE HIGHER SYSTEM VOLTAGE RATING OF THE SYSTEM. WHEN HANDLE TIES ARE NOT POSSIBLE DUE TO NON-ADJACENT BREAKERS, PROVIDE A DEDICATED NEUTRAL FOR EACH UNGROUNDED CONDUCTOR.
- IN EXISTING WORK WHEN UTILIZING EXISTING SPACES OR SPARES, CONTRACTOR SHALL PROVIDE DEDICATED NEUTRAL FOR EACH BRANCH CIRCUIT UNLESS HANDLE TIES ARE UTILIZED TO MEET THE REQUIREMENTS OF ARTICLE 210.4(B).
- IN JUNCTION BOXES WHERE CURRENT CARRYING CONDUCTORS ARE SPLICED OR TERMINATED, PROVIDE BOND TO JUNCTION BOX FROM EQUIPMENT GROUNDING CONDUCTOR.
- CONDUITS AND RACEWAYS SHALL NOT BE ROUTED ACROSS FLOORS OR SLABS.
- COORDINATE POWER TO BUILDING AUTOMATION SYSTEM CONTROLLERS WITH HVAC/BAS CONTRACTORS. PROVIDE 120V CIRCUIT FROM NEAREST PANELBOARD WITH SPACES TO PROVIDE POWER TO BAS CONTROLLERS. PROVIDE BRANCH CIRCUIT 20A/1P CIRCUIT BREAKER IN PANEL AND 2#12, 1#12G, IN 1/2" FROM PANEL TO EACH CONTROLLER.

ELECTRICAL ABBREVIATIONS

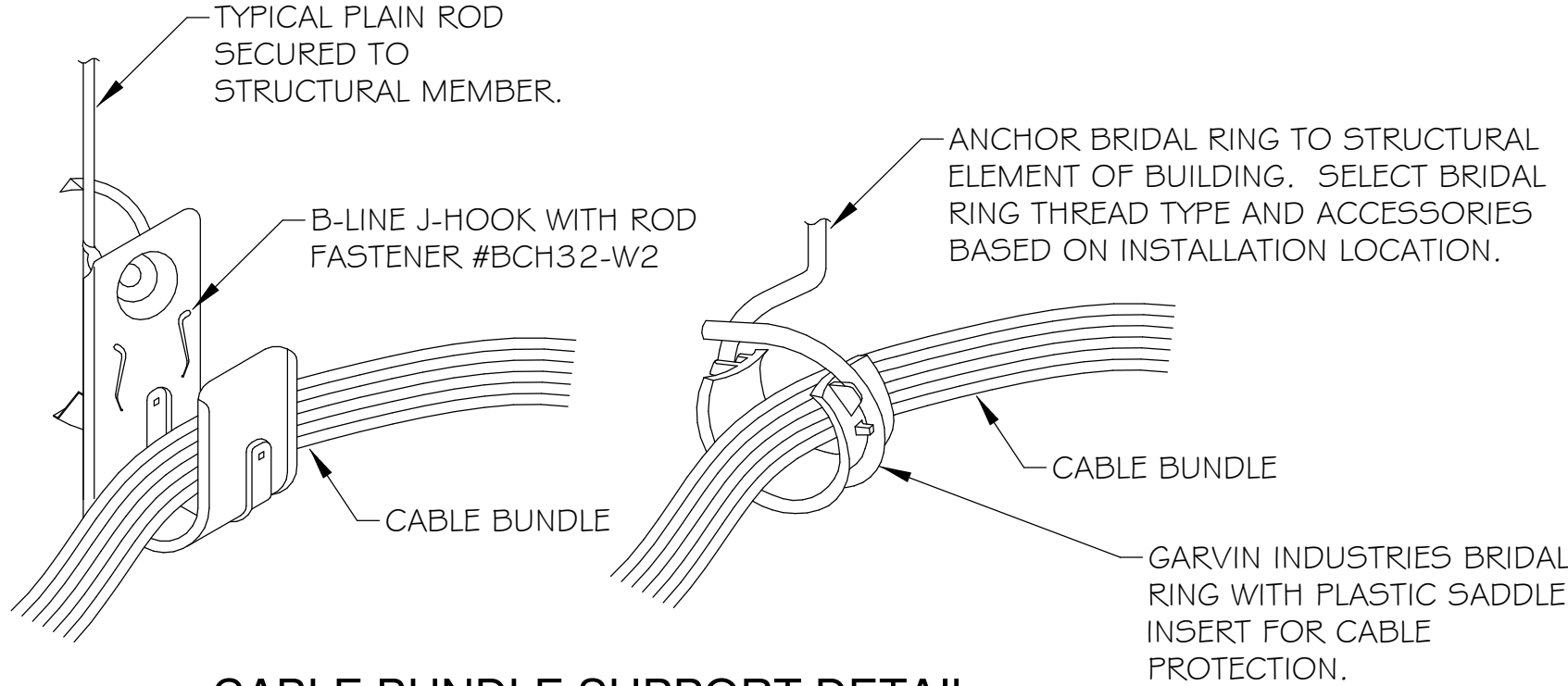
A	AMPERES	G,	GROUND	MIN	MINIMUM	V	VOLTS
A.F.F.	ABOVE FINISHED FLOOR CONDUIT	GRD,	GROUND FAULT	MLO	MAIN LUGS ONLY	VA	VOLT - AMPERES
C		GFI	CIRCUIT INTERRUPTER	MOCP		W	WATTS
C/B	CIRCUIT BREAKER	I.T.	INFORMATION TECHNOLOGY	REX	MAXIMUM OVERCURRENT PROTECTION REQUEST EXIT	WG	WIRE GUARD
CU	COPPER	KCM	THOUSAND CIRCULAR MILS	TP	TAMPER PROOF	IP	SINGLE POLE
EC	ELECTRICAL CONTRACTOR EMERGENCY	MAX	MAXIMUM				
EM		MCA	MINIMUM CIRCUIT AMP	TYP.	TYPICAL	2P	TWO POLE
FLA	FULL LOAD AMPS	MCB	MAIN CIRCUIT BREAKER	U.N.O.	UNLESS NOTED OTHERWISE	3P	THREE POLE
				V.I.F.	VERIFY IN FIELD	□	PHASE



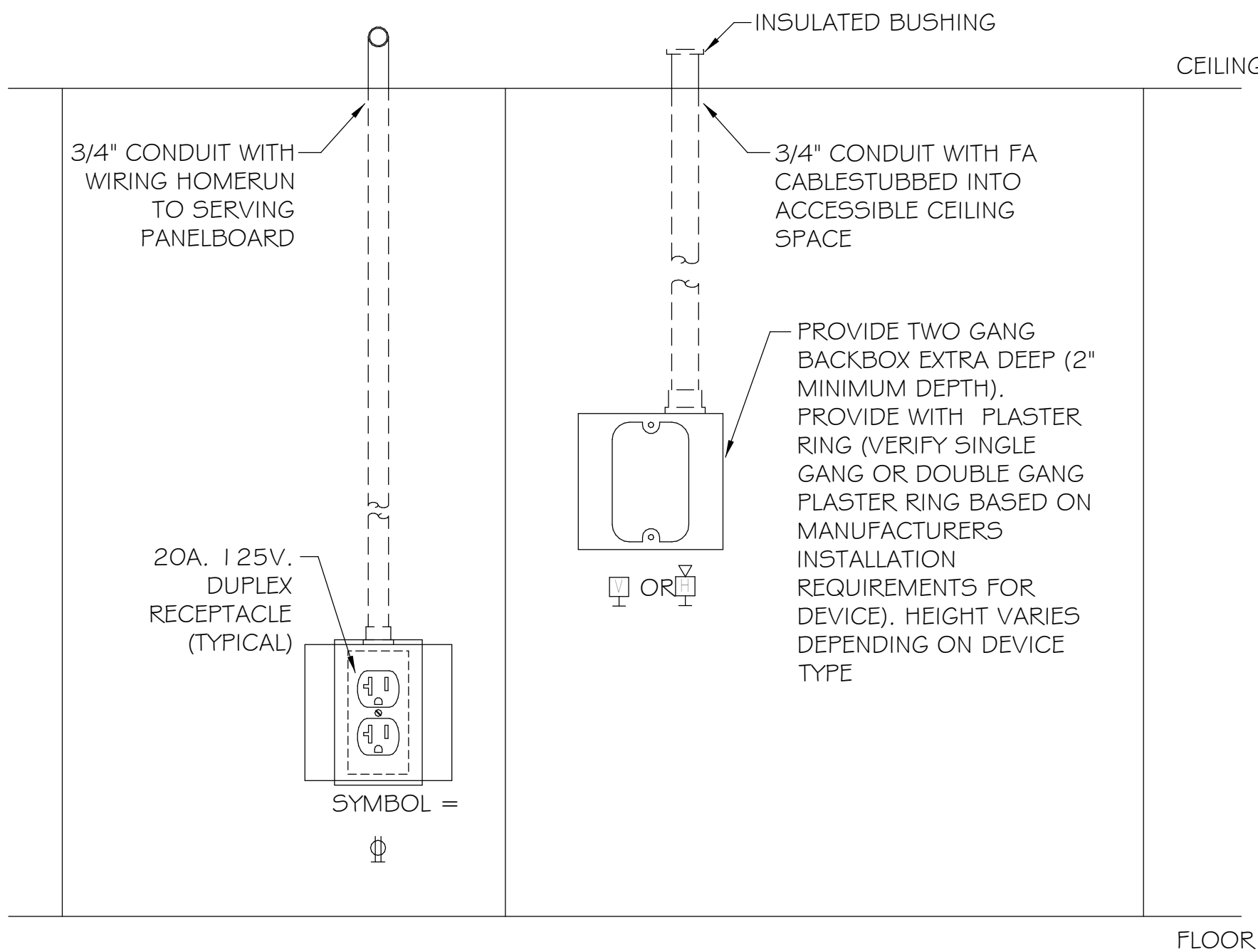
CEILING MOUNTED DEVICE SUPPORT DETAIL
NO SCALE



RECEPTACLE LABEL DETAIL
NO SCALE



CABLE BUNDLE SUPPORT DETAIL
NO SCALE



JUNCTION BOX ROUGH-IN DETAIL
NO SCALE

- NOTES:
1. DETAILS ARE FOR REFERENCE ONLY.
 2. NOT ALL DEVICES ARE REQUIRED FOR THIS PROJECT.
 3. PROVIDE TWO GANG BACKBOXES (2" MINIMUM DEPTH) WITH ALL RECEPTACLE OUTLETS.
 4. PROVIDE COVER PLATES FOR ALL NEW DEVICES, MATCH EXISTING BUILDING STANDARD COLOR (IVORY, V.I.F.)

INTERIOR LUMINAIRE SCHEDULE								
TYPE	DESCRIPTION	MOUNTING	LIGHT SOURCE	VOLTAGE	INPUT WATTS	MANUFACTURER & CATALOG NUMBER	ALTERNATE MANUFACTURER	NOTES
L1	4" TUBE, 6" ARM	WALL	LED	277 V	28	ALCON 11703-4-HI-BA-40K-G-2-010	REQUIRES APPROVAL OF ARCHITECT PRIOR TO BID	I
L2	8" TUBE, 18" ARM	WALL	LED	277 V	56	ALCON 11703-8-HI-BA-40K-18-2-010	REQUIRES APPROVAL OF ARCHITECT PRIOR TO BID	I
L3	DECORATIVE GEOMETRIC PENDANT	SUSPENDED	LED	277 V	9.8	EUREKA: MARRO 4228-27	REQUIRES APPROVAL OF ARCHITECT PRIOR TO BID	I
L4	DECORATIVE GEOMETRIC PENDANT	SUSPENDED	LED	277 V	9.8	EUREKA: MARRO 4228-20	REQUIRES APPROVAL OF ARCHITECT PRIOR TO BID	I
L5	DECORATIVE GEOMETRIC PENDANT	SUSPENDED	LED	277 V	9.8	EUREKA: MARRO 4228-13	REQUIRES APPROVAL OF ARCHITECT PRIOR TO BID	I
L6	DECORATIVE SCONCE	WALL	LED	277 V	60	WEST ELM: HENRY SCONCE	REQUIRES APPROVAL OF ARCHITECT PRIOR TO BID	I
L7	4" DOWNLIGHT, MEDIUM WIDE DISTRIBUTION, CLEAR TRIM, SEMI SPECULAR FINISH	RECESSED	LED	277 V	34.4	GOTHAM: IVO IVO45Q-D-35LM-40K-80CRI-MWD-MIN I O -MVOLT-ZT-NCH-SF-P-AR-L55-F	REQUIRES APPROVAL OF ARCHITECT PRIOR TO BID	
L7e	4" DOWNLIGHT, MEDIUM WIDE DISTRIBUTION, CLEAR TRIM, SEMI SPECULAR FINISH, EMERGENCY BATTERY PACK AND REMOTE TEST SWITCH	RECESSED	LED	277 V	34.4	GOTHAM: IVO IVO45Q-D-35LM-40K-80CRI-MWD-MIN I O -MVOLT-ZT-NCH-SF-P-AR-L55-F, E7WR	REQUIRES APPROVAL OF ARCHITECT PRIOR TO BID	
L8	10"6" , 4" APERTURE WIDTH	RECESSED	LED	277 V	91.4	PINNACLE: EDGE EVGPM-A-840HO-106"-G-U-F5D-1-Q-W	REQUIRES APPROVAL OF ARCHITECT PRIOR TO BID	

- NOTES:
1. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS.

- GENERAL NOTES:
- a. CONTRACTOR TO PROVIDE NECESSARY MOUNTING HARDWARE AND LABOR FOR LUMINAIRES.
 - b. PROVIDE OPTIONS AND ACCESSORIES AS REQUIRED TO INSTALL LUMINAIRES IN MOUNTING SURFACES AS SHOWN ON THE PLANS.
 - c. PROVIDE ALL WIRING, CABLING, AND ACCESSORIES REQUIRED FOR PROPER FUNCTIONALITY OF LUMINAIRES UTILIZING OCCUPANCY SENSORS, DAYLIGHT HARVESTING, AND/OR DIMMING.
 - d. INTEGRATE LUMINAIRES INTO EXISTING LIGHTING CONTROLS AND CONNECT TO EXISTING RELAY PANEL; VERIFY REQUIREMENTS IN FIELD.
 - e. SUBSTITUTE LUMINAIRES FROM MANUFACTURERS OTHER THAN THOSE LISTED SHALL BE SUBMITTED FOR PRE-APPROVAL (10) DAYS PRIOR TO SUBMISSION OF BID.
 - f. COLORS AND FINISHES TO BE SELECTED BY THE ARCHITECT.

BIDDING NOTE

SEE DRAWINGS ME1.00 FOR GENERAL NOTES AND ADDITIONAL DETAILS APPLICABLE TO THIS TRADE'S WORK.

MOUNTING HEIGHT NOTE

REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION REGARDING MOUNTING HEIGHTS AND LOCATIONS OF ELECTRICAL DEVICES BEFORE ROUGH-IN.

WHERE CONFLICTS BETWEEN ELECTRICAL & ARCHITECTURAL ELEVATIONS ARISE, CONTRACTOR TO VERIFY WITH ARCHITECT/ENGINEER TEAM PRIOR TO ROUGH-IN.

NOTE

INCIDENTAL WORK MAY ALSO BE NECESSARY DUE TO CHANGES AFFECTING, SITE WORK, ELECTRICAL, OR OTHER SYSTEMS. SUCH INCIDENTAL WORK IS ALSO PART OF THIS CONTRACT. INSPECT THOSE AREAS, COORDINATE WITH OTHER TRADES, AND ASCERTAIN WORK NEEDED, AND DO THAT WORK IN ACCORD WITH THE CONTRACT REQUIREMENTS, AT NO ADDITIONAL COST. THE REMOVAL & REINSTALLATION OF EXISTING WORK TO ACCOMMODATE CHANGES TO EXISTING, OR INSTALLATION OF, ELECTRICAL, OTHER SYSTEMS IS ALSO PART OF THIS CONTRACT.

NOTE

CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUPPORT OF LIGHT FIXTURES WHERE ACCESSIBLE CEILINGS ARE BEING REMOVED AND REPLACED. ALL EXISTING LIGHT FIXTURES ARE NOT SUPPORTED INDEPENDENTLY OF THE CEILING GRID. CONTRACTOR IS RESPONSIBLE FOR SUPPORTING EXISTING LIGHT FIXTURES IN PLACE WHERE MARKED "XRT". AT CONCLUSION OF PROJECT ALL EXISTING AND NEW LIGHT FIXTURES IN AREAS OF CEILING REPLACEMENT SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING GRID WITH SUPPORT WIRES CONNECTED TO STRUCTURAL ELEMENTS OF THE BUILDING AT OPPOSITE CORNERS.

NOTE

EXISTING CONDITIONS WERE OBTAINED FROM EXISTING AS-BUILT DRAWINGS AND CURSORY FIELD OBSERVATION. THIS CONTRACTOR SHALL IDENTIFY ANY DISCREPANCIES IN THE FIELD AND REPORT THEM TO THE ENGINEER.

NO	ISSUE	DATE
•	Bid Set	06/16/2025
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•		
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PLUMBING SPECIFICATIONS

GENERAL

- 1.1 ALL WORK SHALL BE INSTALLED AND ALL MATERIALS SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS OF ILLINOIS DEPARTMENT OF PUBLIC HEALTH ILLINOIS PLUMBING CODE 2014 EDITION, INTERNATIONAL PLUMBING CODE 2012 EDITION AND ALL LOCAL AMENDMENTS TO THE PLUMBING CODE.
- 1.2 IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE ALL INSPECTIONS WITH THE ILLINOIS DEPARTMENT OF PUBLIC HEALTH STATE PLUMBING INSPECTORS AND THE LOCAL PLUMBING INSPECTOR HAVING JURISDICTION.
- 1.3 EXACT LOCATION OF PLUMBING FIXTURES AND DEVICES SHALL BE VERIFIED WITH ARCHITECTURAL DRAWINGS, ACTUAL BUILDING WALLS, FLOORS AND CEILING, CABINETRY AND EQUIPMENT SHOP DRAWINGS PRIOR TO STARTING ANY WORK.
- 1.4 DRAWINGS ARE GENERALLY DIAGRAMMATIC. ROUTING OF PIPING, ETC., AS SHOWN ON DRAWINGS, DOES NOT INTEND TO SHOW EVERY RISE, DROP, OFFSET, FITTING NOR EVERY STRUCTURAL ELEMENT THAT MAY BE ENCOUNTERED DURING THE INSTALLATION OF THIS WORK. CONTRACTOR SHALL MAKE ANY REQUIRED CHANGES FROM THE GENERAL ROUTING SHOWN ON THESE DRAWINGS, SUCH AS OFFSETS, BENDS OR CHANGES IN ELEVATION DUE TO COORDINATION WITH THE WORK OF OTHER TRADES AND BUILDING CONSTRUCTION. ALL CHANGES SHALL BE MADE WITHOUT ADDITIONAL COST TO THE OWNER OR DELAY IN COMPLETION DATE OF THE PROJECT.
- 1.5 PITCH ALL SUPPLY AND RETURN WATER LINES TO DRAIN COMPLETELY THROUGH LOWER EQUIPMENT FIXTURES, UNIONS, OR DRAIN VALVES. INSTALL A 1/2" DRAIN VALVE WITH 3/4" HOSE THREAD OUTLET IN ALL MAIN PIPING RUNS WHICH WOULD NOT BE ABLE TO DRAIN THRU A LOWER PIECE OF EQUIPMENT.
- 1.6 PIPE SIZE SHALL BE MAINTAINED FULL SIZE UP TO "LOOK-OUT" AT FIXTURE CONNECTION.
- 1.7 STERILIZATION: UPON COMPLETION OF TESTING AND FLUSHING OF NEW DOMESTIC WATER PIPING, THE CONTRACTOR SHALL STERILIZE ALL WATER PIPING INCLUDING ALL DOMESTIC HOT WATER SUPPLY AND RETURN AND ALL DOMESTIC COLD WATER PIPING. CONTRACTOR SHALL FURNISH AND INSTALL ALL TEMPORARY TAPPIINGS, VALVE OPENINGS, DRAIN FITTINGS, ETC., AS REQUIRED TO STERILIZE THE WATER PIPING, INCLUDING ALL REQUIRED EXCAVATION WORK, FITTING AND LABOR. WATER PIPING SHALL BE FLUSHED AND CHLORINATED AS SPECIFIED IN AWWA-C-601-54 STANDARD PROCEDURE FOR DISINFECTING WATER MAINS AND AS REQUIRED BY ILLINOIS DEPARTMENT OF PUBLIC HEALTH. DISINFECTING SHALL NOT BE DEEMED COMPLETED UNTIL SATISFACTORY BACTERIOLOGICAL ANALYSIS REPORTS ARE RECEIVED FOR SAMPLES OF WATER COLLECTED AND TESTED FROM THE NEW WATER PIPING SYSTEM ALL BY PLUMBING CONTRACTOR.
- 1.8 PROVIDER AIR CHAMBERS ON WATER SUPPLY PIPING AT EACH FIXTURE PER ILLINOIS PLUMBING CODE OR PROVIDE WATER HAMMER ARRESTORS MIFAB MMH SERIES OR APPROVED EQUAL. WATER HAMMER ARRESTORS SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION FOR SERVICE AND EASY REPLACEMENT. LOCATIONS, SIZE AND QUANTITIES SHALL BE DETERMINED BY CONTRACTOR. LOCATIONS IN PLUMBING CHASE SHALL REQUIRE AN ACCESS PANEL AND ALL ACCESS PANEL LOCATIONS SHALL BE COORDINATED AND APPROVED BY ARCHITECT/OWNER.
- 1.9 ALL EXISTING PIPING INFORMATION SHOWN ON THIS DRAWING HAS BEEN OBTAINED FROM OWNER'S EXISTING CONSTRUCTION DOCUMENTS AND LIMITED FIELD SURVEY. EXACT LOCATION OF EXISTING SANITARY/STORM LINES, WATER LINES, VENT LINES, VALVES AND ALL PIPE SIZES SHALL BE FIELD VERIFIED BEFORE STARTING INSTALLATION.
- 1.10 PLUMBING CONTRACTOR SHALL PROVIDE STACK TEST ON ALL ROUGH AND UNDERGROUND PLUMBING PER ILLINOIS PLUMBING CODE.
- 1.11 PLUMBING CONTRACTOR SHALL PROVIDE PRESSURE TEST ON ALL ABOVE GROUND SANITARY AND VENT PIPING PER ILLINOIS PLUMBING CODE.
- 1.12 PLUMBING CONTRACTOR SHALL PROVIDE 100LB AIR TEST OR WATER PRESSURE TEST ON ALL WATER PIPING AT TIME OF ROUGH INSPECTION PER ILLINOIS PLUMBING CODE.
- 1.13 DEAD END PIPING BEYOND 24 INCHES IN WATER SUPPLY PIPING SHALL NOT BE PERMITTED. DEAD END PIPING BEYOND 10 FEET OF NEAREST VENTED SANITARY PIPING WILL NOT BE PERMITTED PER I.D.P.H. SECTION 890.1520.

PIPE INSULATION

- 2.1 ALL DOMESTIC COLD WATER AND DOMESTIC HOT WATER SUPPLY/RETURN PIPING SHALL BE INSULATED WITH ASTM C547 FIBERGLASS PIPE INSULATION WITH ASTM D163 VAPOR BARRIER JACKET COMPLETE WITH PVC FITTING COVERS. ALL COLD WATER PIPING SHALL BE INSULATED WITH 1" THICK INSULATION. ALL DOMESTIC HOT WATER AND RECIRC PIPING 1 1/4" AND SMALLER SHALL BE INSULATED WITH 1" INSULATION. ALL DOMESTIC HOT WATER AND RECIRC PIPING 1 1/2" AND LARGER SHALL BE INSULATED WITH 1 1/2" THICK INSULATION. INSULATE ALL DOMESTIC WATER SUPPLY PIPING TO THE FIXTURE CONNECTION. INSULATE ALL WATER SUPPLY PIPING IN CEILINGS, PLUMBING CHASES AND WALLS.
- 2.3 PATCH AND REFINISH ALL DAMAGED INSULATED SURFACES OF ALL EXISTING PLUMBING PIPING AND ASSOCIATED FITTINGS WHERE NEW CONNECTIONS ARE MADE. INCLUDING BUT NOT LIMITED DOMESTIC COLD WATER, HOT WATER SUPPLY/RETURN AND WASTE.

PIPE HANGERS AND SUPPORTS

- 3.1 ALL SANITARY, VENT, STORM, DOMESTIC SUPPLY AND RETURN PIPING SHALL BE SUSPENDED WITH CLEVIS AND/OR TRAPEZE PIPE HANGERS. ALL HORIZONTAL STORM, DOMESTIC SUPPLY AND RETURN PIPING SHALL BE INSULATED AND REST ON SHEET METAL INSULATION SHIELDS. SEE DETAIL ON MECHANICAL/ELECTRICAL COORDINATION DRAWINGS FOR ADDITIONAL INFORMATION. SWIVEL JOINT HANGERS MAY BE USED ONLY ON WASTE AND VENT PIPING WHEN PIPING IS NOT INSULATED. HANGER MATERIAL SHALL BE OF COMPATIBLE MATERIAL TO PIPING MATERIAL TO PREVENT CORROSION. HANGERS SHALL BE SUPPORTED FROM STRUCTURAL MEMBERS ONLY.
- 3.2 WHEN WATER SUPPLY PIPING IS INSTALLED IN PARALLEL AND SAME ELEVATION, PROVIDE TRAPEZE HANGERS. PIPING SHALL REST ON SHEET METAL SHIELD AT EACH TRAPEZE HANGER WITH ATTACHMENT TO STEEL CHANNEL EVERY 30 FEET UTILIZING A STRUT MOUNTED INSULATION COUPLING WITH STRUT CLAMP FOR USE WITH COPPER PIPING AND FIBERGLASS INSULATION.
- 3.3 VERTICAL ATTACHMENT TO METAL DECK AND WOOD TRUSS'S SHALL NOT BE PERMITTED. HORIZONTAL ATTACHMENT TO WOOD TRUSS SHALL BE MADE BY HORIZONTAL SUPPORT TO BOTTOM CHORD OF TRUSS.
- 3.4 HANGER SPACING SHALL BE AS FOLLOWS.
- | PIPE MATERIAL | MAX HANGER SPACING | ROD DIAMETER |
|------------------------------------|--------------------|--------------|
| COPPER TUBE, 1 INCH AND SMALLER | 8 FEET | 1/2" |
| COPPER TUBE, 1 1/4 INCH AND LARGER | 10 FEET | 1/2" |

PIPE AND VALVE IDENTIFICATION

- 4.1 PROVIDE PIPE LABELING IDENTIFICATION PER ASME A13.1. SEE DETAIL FOR ADDITIONAL INFORMATION.
- 4.2 PROVIDE VALVE TAGS ON ALL VALVES INSTALLED UNDER THIS CONTRACT. PROVIDE A SUMMARY OF VALVE TAG NUMBERS, VALVE SIZES AND LOCATIONS ON A DURABLE MATERIAL FOR MOUNTING IN BOILER/MECHANICAL ROOM.

VALVES

- 5.1 PLUMBING CONTRACTOR SHALL PROVIDE ALL REQUIRED ISOLATION VALVES PER I.D.P.H. SECTION 890.1190. VALVES SHALL BE INSTALLED TO ISOLATE ONE ROOM WITHOUT AFFECTING WATER SUPPLY TO ANY OTHER ROOM. ONLY EXCEPTION SHALL BE DIRECT BACK-TO-BACK FIXTURES SERVING PUBLIC SPACES.
- 5.2 INSTALL BALL VALVES ON PIPING 3" AND SMALLER AND OS&Y GATE VALVES ON PIPING 4" AND LARGER. IN EACH RISER OR BRANCH TAKEOFF FROM MAINS, RISERS AND AS INDICATED ON DRAWINGS.
- 5.3 BALL VALVES SHALL BE MILWAUKEE, NIBCO, STOCKHAM, APOLLO, KITZ, WATTS, OR JOMAR. LEAD FREE NSF-61 CERTIFIED, WITH BRONZE TWO PIECE BODY, STAINLESS STEEL BALL, TEFLON SEATS AND STUFFING BOX RING, LEVER HANDLE, SOLDER ENDS, FULL PORT AND CONFORM TO MSS SP-110. WHEN PRESS FITTINGS ARE USED, VIEGA OR NIBCO SHALL BE AN ACCEPTABLE MANUFACTURER OF BALL VALVES.
- 5.4 INSTALL VALVES WITH STEMS UPRIGHT OR HORIZONTAL, NOT INVERTED.
- 5.5 INSTALL VALVES WITH CLEARANCE FOR INSTALLATION OF INSULATION AND ALLOWING ACCESS.
- 5.6 PROVIDE ACCESS TO ALL VALVES AND SYSTEM COMPONENTS REQUIRING ACCESS. ALL PIPING ACCESSORIES AND EQUIPMENT SUCH AS ISOLATION VALVES AND IN-LINE PUMPS SHALL BE INSTALLED AT A REASONABLE HEIGHT AND POSITION IN ORDER TO FACILITATE MAINTENANCE.

FIRE STOP SYSTEMS

- 6.1 PROVIDE FIRE RATED SEALANT AROUND ALL NEW PENETRATIONS FOR PIPING, CONDUIT, ETC. AT WALLS, FLOORS AND CEILINGS. GENERAL PURPOSE FIRE STOPPING SEALANT SHALL BE DOW CORNING, NELSON OR 3M COMPANY; WATER BASED, NON SLUMPING, PREMIXED SEALANT WITH INTUMESCENT PROPERTIES, RATED FOR 3 HOURS PER ASTM E814, NFPA AND UL-1479. FILL ALL VOIDS AROUND ALL PIPING PENETRATIONS THROUGH WALLS AND CEILINGS WITH A MINIMUM 1 HOUR FIRE RATING. PROVIDE PVC COLLAR ASSEMBLY AT ALL PVC PIPING PENETRATIONS THROUGH FIRE WALLS, FLOORS OR CEILING WHERE REQUIRED BY LOCAL FIRE DISTRICT.

PIPE ROUTING

- 7.1 PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR DISMANTLING THE EXISTING SUSPENDED ACOUSTICAL CEILING TILE SYSTEM AND REINSTALLING CEILING AS REQUIRED TO ACCOMMODATE THE INSTALLATION OF NEW PIPING.
- 7.2 PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE CAUSED TO SUSPENDED CEILING MATERIALS BY THE DISMANTLING, STORAGE AND REINSTALLATION OF CEILING MATERIALS.
- 7.3 PLUMBING CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL PLUMBING FIXTURES EFFECTED BY THE REMOVAL OR ABANDONMENT OF THE EXISTING WATER SUPPLY PIPING IS STILL FUNCTIONAL AT THE COMPLETION OF THE PROJECT.
- 7.4 PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORING THROUGH WALLS, PIPE HANGERS AND MODIFICATIONS TO STRUCTURE FOR THE INSTALLATION OF PIPE HANGERS. CONTRACTOR SHALL BE REQUIRED TO PROVIDE FLOOR MOUNTED POSTS WITH STRUCTURAL BRIDGING BELOW LARGE DUCTWORK WHERE TYPICAL TOP OF DECK MOUNTED PIPE HANGERS ARE NOT CAPABLE OF BEING INSTALLED.
- 7.5 PIPE SIZES INDICATED ON DRAWINGS ARE MINIMUMS. CONTRACTOR SHALL MATCH PIPE SIZE WHEN CONNECTING TO EXISTING PIPING LARGER THAN SIZED LISTED.
- 7.6 NEW PIPING SHALL NOT BE PERMITTED OVER ANY ELECTRICAL PANELS OR EQUIPMENT.
- 7.7 NEW PIPE ROUTING SHALL NOT INTERFERE WITH NORMAL MAINTENANCE OPERATION OF EXISTING EQUIPMENT, ACCESS PANELS, DUCTWORK ACCESS PANELS, DUCTWORK ACCESSORIES, AND ALL HVAC AND ELECTRICAL EQUIPMENT.
- 7.8 ALL PIPING, FITTINGS AND JOINTS SHALL COMPLY WITH THE STATE AND LOCAL AMENDMENTS AND THE AUTHORITY HAVING JURISDICTION. MATERIALS LISTED IN THE SPECIFICATION THAT DO NOT COMPLY WITH THESE AMENDMENTS SHALL NOT BE USED IN THE BIDDING PROCESS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THESE ADOPTED AMENDMENTS.
- 7.9 WATER SUPPLY PIPING SIZES SHOWN ON DRAWING ARE BASED ON COPPER PIPING. SANITARY, VENT AND STORM PIPING SIZES SHOWN ARE BASED ON CAST IRON PIPING. INNER DIAMETERS SHALL BE REVISIONED WITH IDPH STATE PLUMBING INSPECTOR PRIOR TO INSTALLATION AND SHALL BE OF SUFFICIENT SIZE TO PROVIDE ADEQUATE FLOW AT MINIMAL PRESSURE DROP TO INSURE PLUMBING FIXTURES OPERATE TO OWNER'S SATISFACTION.

SHOP DRAWINGS, SUBMITTALS AND CLOSE OUT DOCUMENTS

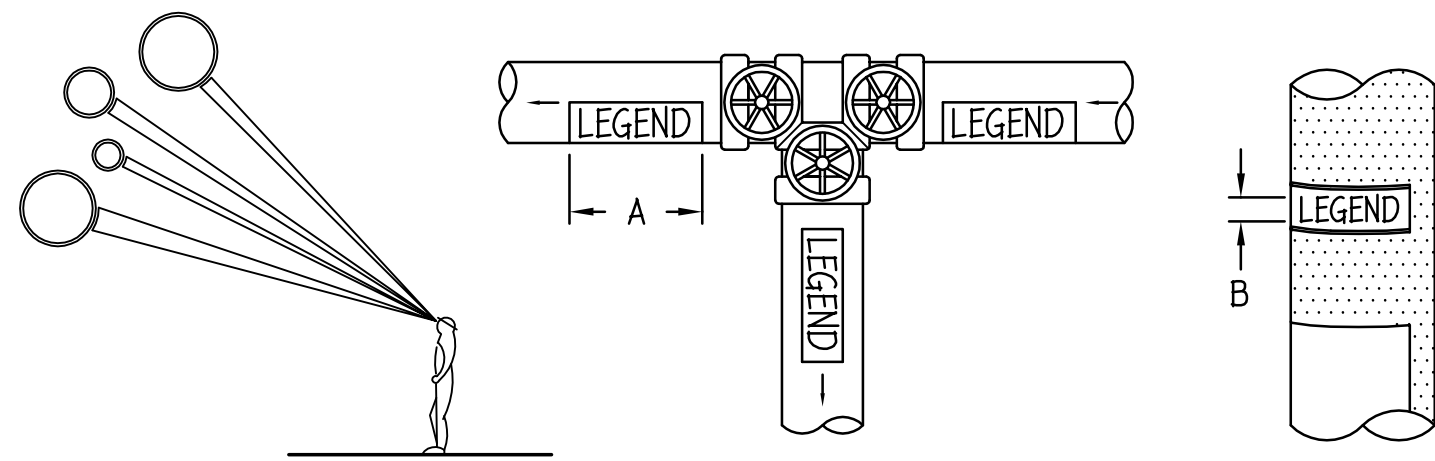
- 8.1 CONTRACTOR SHALL SUBMIT ELECTRONIC COPIES IN PDF FORMAT SHOP DRAWINGS OF ALL PIPING, VALVES, PIPE HANGERS, PIPE INSULATION, MISC DEVICES, PUMPS, MIXING VALVES, PLUMBING FIXTURES, ACCESS PANELS, EQUIPMENT, TO ENGINEER FOR APPROVAL PRIOR TO ORDERING ANY ITEMS OR FABRICATING ANY DUCTWORK. SUBMITTALS SHALL BE RETURNED WITHIN TEN BUSINESS DAYS.
- 8.2 CONTRACTOR SHALL PROVIDE OWNER TRAINING ON ALL EQUIPMENT AND BUILDING SYSTEMS PROVIDED/ALTERED BY HIS WORK. TRAINING SHALL BE ACCOMPLISHED DURING TIME DEDICATED FOR THAT PURPOSE, NOT IN CONJUNCTION WITH SERVICE WORK.
- 8.3 AT COMPLETION OF PROJECT, CONTRACTOR SHALL SUBMIT PDF FORMAT OF OPERATION AND MAINTENANCE MANUALS FOR ALL WORK PROVIDED BY HIM ON PROJECT. MANUALS SHALL BE CLEARLY ORGANIZED AND CONTAIN COPIES OF APPROVED EQUIPMENT, COMPONENT BREAK-DOWN AND PARTS LISTS, MAINTENANCE/CLEANING AND TROUBLESHOOTING MANUALS, SERVICE CONTACTS, CONTRACTOR AND MANUFACTURER WARRANTIES, AND "AS BUILT" FLOOR PLANS INDICATING ALL APPROVED DEVIATIONS AND REVISIONS TO BIDDING DOCUMENTS.

PIPE SPECIFICATIONS

PLUMBING PIPING SHALL BE AS FOLLOWS:

WATER PIPING, ABOVE GRADE

- A. COPPER TUBING: ASTM B88, TYPE L, HARD DRAWN.
FITTINGS: ASME B16.18, CAST COPPER ALLOY OR ASME B16.22, WROUGHT COPPER AND BRONZE.
JOINTS: ASTM B32, SOLDER, GRADE 95TA.
- B. COPPER TUBING: ASTM B88, TYPE L, HARD DRAWN.
COPPER PRESS-JOINT FITTINGS: VIEGA PROGRESS, ASME B16.18 CAST COPPER ALLOY, ASME B16.22 WROUGHT COPPER, ASME B16.51 COPPER PRESS-CONNECT PRESSURE FITTINGS, EPDM O-RING AND INTEGRAL LEAK DETECTION. FITTINGS SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS. ONLY MANUFACTURERS COMPATIBLE PRESS TOOLS SHALL BE USED.
OTHER ACCEPTABLE MANUFACTURERS: NIBCO, MUELLER PRS STREAMLINE.



NOTE:

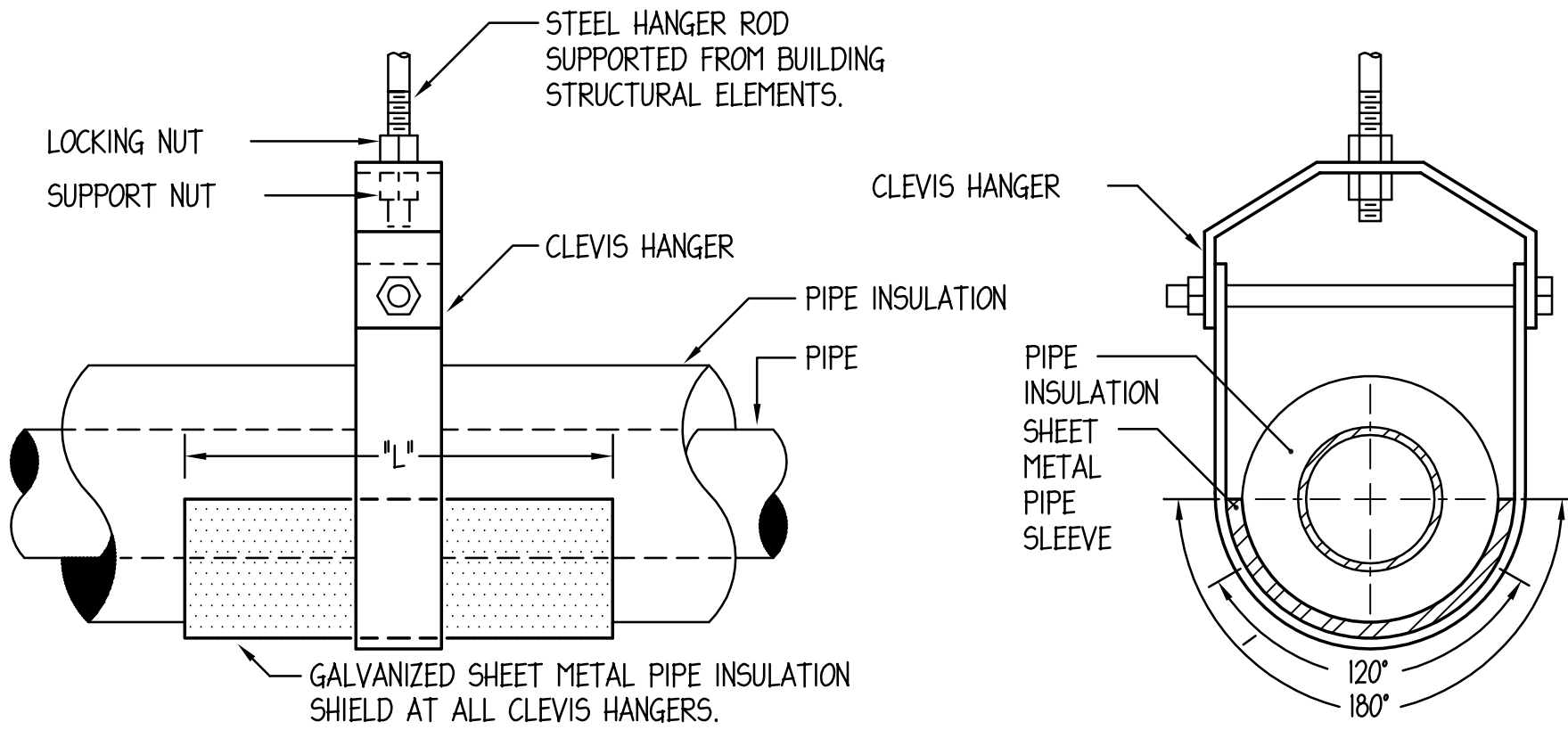
IDENTIFICATION MARKERS OR STRIPS TO BE PLACED ON ALL EXPOSED COVERED AND UNCOVERED PIPES AT 50'-0" INTERVALS, ADJACENT TO ALL VALVES OR BRANCHES, AND AT BOTH SIDES OF WALL/FLOOR PENETRATIONS. ARROWS OF SAME COLOR AS IDENTIFICATION MARKERS SHALL ALSO BE PLACED ON PIPES POINTING AWAY FROM MARKER INDICATING DIRECTION OF FLOW.

SIZE OF LEGEND LETTERS		
OUTSIDE DIAMETER OF PIPE OR COVERING	LENGTH OF COLOR FIELD A	SIZE OF LETTERS B
3/4"	1 1/4"	1/2"
1 1/2"	2"	3/4"
2"	2 1/2"	1 1/4"
8"	10"	2 1/2"

SERVICE	BACKGROUND OR COLOR BAND	IDENTIFICATION MARKER
DOMESTIC COLD WATER	GREEN	WHITE ON GREEN

TYPICAL PIPE IDENTIFICATION MARKERS

NO SCALE

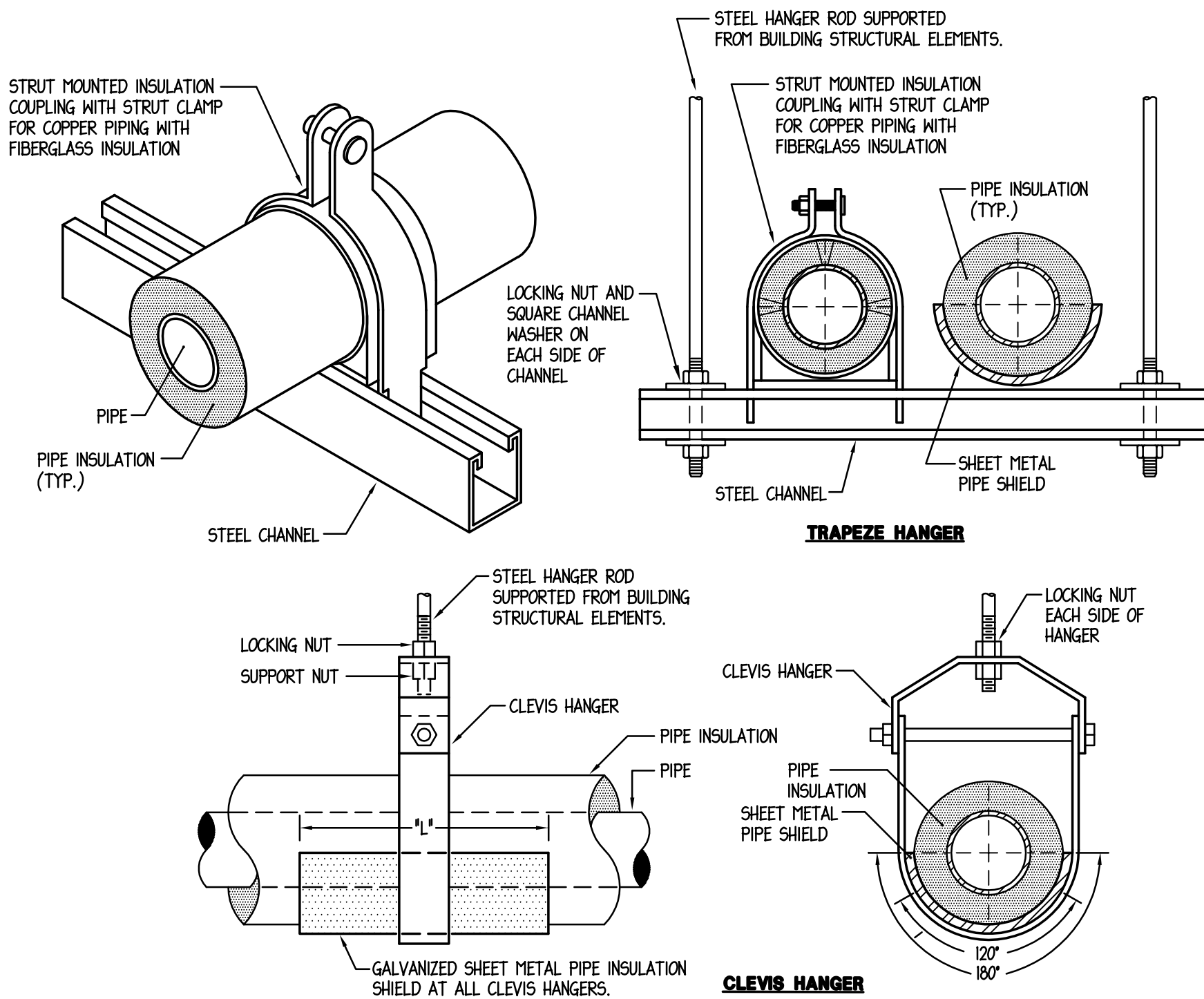


CLEVIS HANGER

NOTE: 1. CONFER WITH ARCHITECT AND REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION ON ACCEPTABLE METHODS AND LOCATIONS FOR HANGER SUPPORTS.

TYPICAL PIPE HANGER DETAILS

NO SCALE

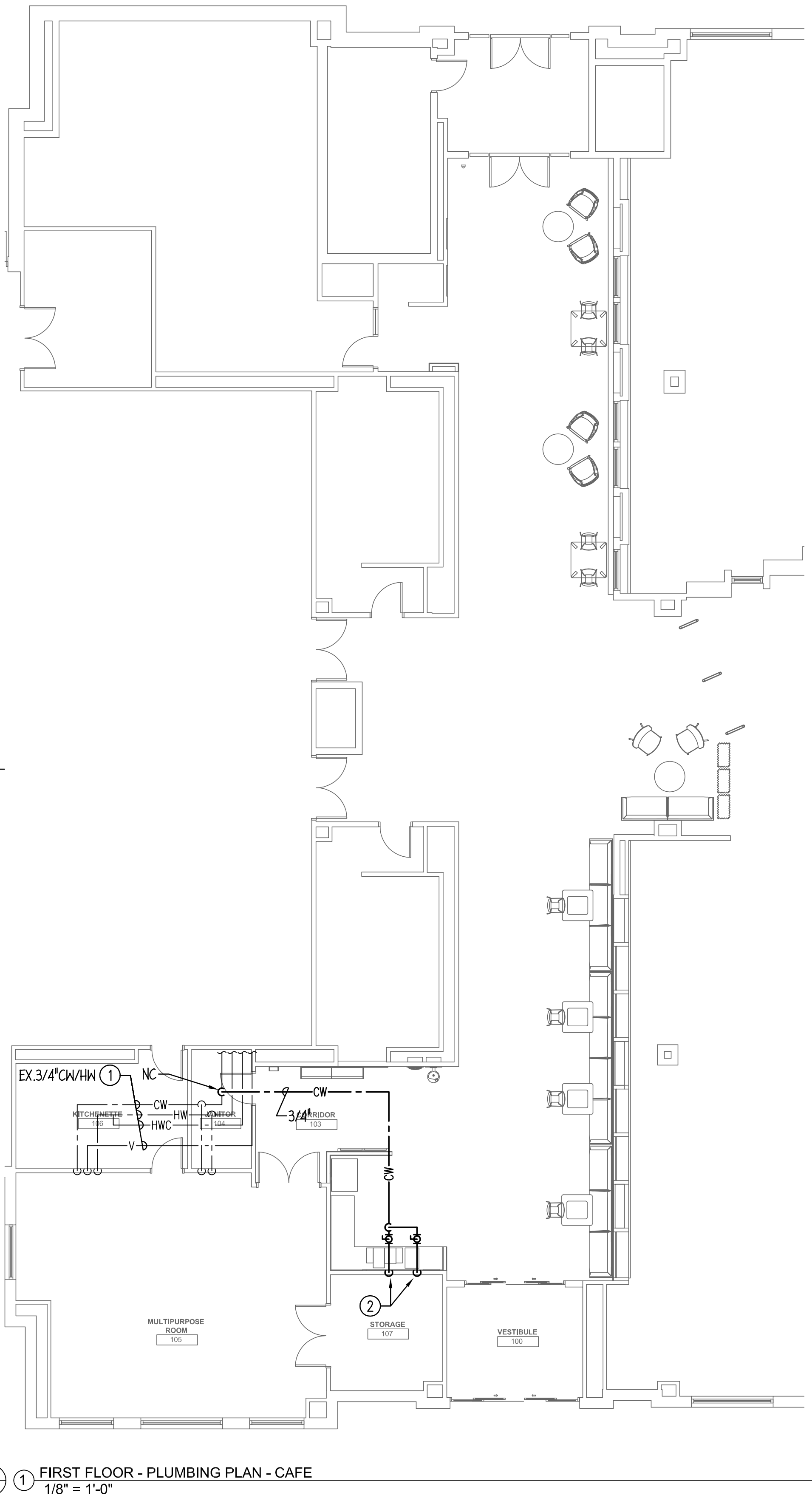


NOTES:

1. CONFER WITH ARCHITECT AND REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION ON ACCEPTABLE METHODS AND LOCATIONS FOR HANGER SUPPORTS.
2. WHEN WATER SUPPLY PIPING IS INSTALLED IN PARALLEL AND SAME ELEVATION, PROVIDE TRAPEZE HANGERS. PIPING SHALL REST ON SHEET METAL SHIELD AT EACH TRAPEZE HANGER WITH ATTACHMENT TO STEEL CHANNEL EVERY 30 FEET UTILIZING A STRUT MOUNTED INSULATION COUPLING WITH STRUT CLAMP FOR USE WITH COPPER PIPING AND FIBERGLASS INSULATION.

TYPICAL PIPE HANGER DETAILS

PIPE INSULATION SHIELD SCHEDULE		
PIPE SIZE	LENGTH	GAUGE
UP TO 3/4"	8"	20 GA.
1" - 2"	12"	18 GA.
2 1/2" - 4"	12"	16 GA.
5" & 6"	18"	16 GA.
8" & UP	24"	14 GA.



1 FIRST FLOOR - PLUMBING PLAN - CAFE
1/8" = 1'-0"

DRAWING NOTES: (TYPICAL FOR THIS DRAWING ONLY.)

- 1 EXISTING PLUMBING PIPING, FIXTURES, DEVICES TO REMAIN.
- 2 3/4"CN DOWN IN CHASE/WALL. PROVIDE IN-LINE WATTS LF7R SERIES DUAL CHECK VALVE. PROVIDE CN STOP VALVE FOR EQUIPMENT AND COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.



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FIRST FLOOR -
PLUMBING
PLAN,
DETAILS,
SPECS. - CAFE

P1.00

GENERAL NOTES - FIRE PROTECTION:

GENERAL

- 1.1 SYSTEM TO PROVIDE COVERAGE FOR BUILDING AREAS NOTED. SYSTEMS SHALL CONFORM TO THE DESIGN CRITERIA REQUIRED BY NFPA-13 AND THE LOCAL AUTHORITY HAVING JURISDICTION. WORKING PLANS AND CALCULATIONS SHALL BE SUBMITTED TO LOCAL APPROVAL AGENCIES AND TO OWNERS FIRE PROTECTION CONSULTANT FOR APPROVAL.
- 1.2 ALL WORK SHALL BE INSTALLED AND ALL MATERIALS SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS OF NFPA-13, 2010 EDITION AND ALL LOCAL AMENDMENTS.
- 1.3 CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND THEIR ASSOCIATED FEES.
- 1.4 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL INSPECTIONS WITH THE LOCAL AUTHORITY HAVING JURISDICTION.
- 1.5 ALL EXISTING PIPING INFORMATION SHOWN ON THIS DRAWING HAS BEEN OBTAINED FROM OWNER'S EXISTING CONSTRUCTION DOCUMENTS AND LIMITED FIELD SURVEY. EXACT LOCATION OF EXISTING SPRINKLER SYSTEM COMPONENTS SHALL BE FIELD VERIFIED BEFORE STARTING INSTALLATION.
- 1.6 THE CONTRACTOR SHALL BE RESPONSIBLE DURING THE INSTALLATION AND TESTING PERIODS OF THE FIRE SPRINKLER SYSTEM WORK, FOR ANY MATERIAL DAMAGE TO THE WORK OF THE OWNER OR OTHERS, AND TO THE PROPERTY AND MATERIALS OF THE OWNER OR OTHERS, INCLUDING CEILING SPRINKLER TILES, AND INCLUDING DAMAGE CAUSED BY GREASE, OIL, OR LEAKS IN SPRINKLER EQUIPMENT, FITTINGS, OR BY DISCONNECTED PIPES.
- 1.7 CONTRACTOR SHALL REVIEW ALL FLOOR PLANS AND DETERMINE EACH ROOM SPECIFIC HAZARD PER THE REQUIREMENTS OF NFPA-13. SPRINKLER DESIGN SHALL ADHERE TO THE STANDARDS SET FORTH IN NFPA-13.

SHOP DRAWINGS, SUBMITTALS AND CLOSEOUT DOCUMENTS

- 2.1 SHOP DRAWINGS: PROVIDE A MINIMUM 1/8"=1'-0" SCALE LAYOUT IN ALL AREAS INDICATING SPRINKLER LOCATIONS COORDINATED WITH CEILING INSTALLATION. INDICATE HYDRAULIC CALCULATIONS REFERENCE POINTS, DETAILED PIPE LAYOUT INCLUDING PIPE SIZE, LENGTH, AND ELEVATION, HANGERS AND SUPPORTS, SPRINKLERS, COMPONENTS AND ACCESSORIES. INDICATE SYSTEM CONTROL VALVE, DRAIN VALVE, AUXILIARY DRAIN VALVE, AND INSPECTOR'S TEST LOCATIONS. INDICATE PIPE MATERIALS USED, JOINTING METHODS, SUPPORTS, FLOOR AND WALL PENETRATION SEALS AND REFERENCE ALL REQUIRED CODES. INDICATE SUPPORT DETAILS, REMOTE AREAS IDENTIFIED, SPRINKLER HEAD SUMMARY AND SITE PLAN OF WATER MAIN TO STREET CONNECTION. SUBMIT HYDRAULIC CALCULATIONS FOR EACH ZONE, OCCUPANCY TYPE, HAZARD TYPE, ETC.
- 2.2 PRODUCT DATA: SUBMIT DATA ON SPRINKLERS AND SPECIALTIES, INCLUDING HEADS, PIPING, VALVES, PIPE HANGERS, BACKFLOW PREVENTER, MANUFACTURERS CATALOG INFORMATION. SUBMIT PERFORMANCE RATINGS, ROUGH-IN DETAILS, SUPPORT REQUIREMENTS, AND PIPING CONNECTIONS.
- 2.3 PROJECT RECORD DOCUMENTS: PROVIDE UPDATED VERSION OF MINIMUM 1/8" = 1'-0" SCALE COORDINATION SHOP DRAWINGS INDICATING ACTUAL LOCATIONS OF VALVES, PIPING ABOVE AND BELOW GRADE, SPRINKLER HEADS, AUXILIARY DRAINS, FIRE DEPARTMENT CONNECTIONS, INSPECTOR'S TEST CONNECTIONS, PUMPS, BACKFLOW PREVENTERS, AND ALL OTHER EQUIPMENT INSTALLED BY THIS CONTRACTOR.

PIPE HANGERS AND SUPPORTS

- 3.1 ALL FIRE PROTECTION PIPING SHALL BE SUSPENDED WITH APPROVED/LISTED PIPE HANGERS IN COMPLIANCE WITH NFPA STANDARDS. CUTTING STRUCTURAL MEMBERS TO RUN PIPING, OR TO FACILITATE HANGER FASTENING IS NOT PERMITTED.
- 3.2 VERTICAL ATTACHMENT TO METAL DECK AND WOOD TRUSS'S SHALL NOT BE PERMITTED. HORIZONTAL ATTACHMENT TO WOOD TRUSS SHALL BE MADE BY HORIZONTAL SUPPORT TO BOTTOM CORD OF TRUSS.

SPRINKLER SYSTEM COMPONENTS AND ACCESSORIES

- 4.1 FIRE PROTECTION SYSTEM SHALL INCLUDE ALL ITEMS FOR A COMPLETE SYSTEM. SPECIFICALLY THIS IS TO INCLUDE BUT NOT LIMITED TO: PIPE SUPPORTS, VALVES, GAUGES, TRIM, ALARMS, SPECIALTY DEVICES, CONTROLS, AND ITEMS INCIDENTAL TO A COMPLETE SYSTEM.
- 4.2 A SPARE HEAD CABINET WITH THE APPROPRIATE NUMBER OF SPARE HEADS BY TYPE USED ON THIS PROJECT AND A HEAD WRENCH SHALL BE INSTALLED ADJACENT TO THE RISER PER NFPA-13 SECTION 6.2.4.
- 4.3 CONTRACTOR SHALL PROVIDE ALL MEANS TO SHUT-DOWN EXISTING PIPING SYSTEMS WHERE REQUIRED TO COMPLETE WORK UNDER THIS CONTRACT. CONTRACTOR SHALL PROVIDE ALL NECESSARY VALVES TO ISOLATE RENOVATED SECTIONS OF THE BUILDING WITHOUT DISTURBING SECTIONS OF THE BUILDING NOT UNDER RENOVATION.

SPRINKLER HEADS

- 5.1 ALL SPRINKLER HEADS SHALL BE LOCATED IN THE CENTER OF 2x4 TILE OR QUARTER POINT OF 2x4 CEILING TILE UNLESS OTHERWISE NOTED OR DIRECTED BY THE ARCHITECT/ENGINEER OR LOCAL FIRE DEPARTMENT AUTHORITIES.
- 5.2 SPRINKLER HEADS IN FINISHED CEILING SHALL BE SEMI-RECESSED, STANDARD RESPONSE, CHROME TO MATCH EXISTING PENDENT WITH ESCUTCHEON, K-5.6, 155 DEGREE UNLESS OTHERWISE NOTED. OPTION FOR QUICK RESPONSE SPRINKLERS ALLOWED WHERE PRESSURE PERMITS.
- 5.3 SPRINKLER HEADS IN NON-CEILING AREAS SHALL BE BRASS UPRIGHT. STANDARD RESPONSE, K-5.6, 155 DEGREE UNLESS OTHERWISE NOTED. OPTION FOR QUICK RESPONSE SPRINKLERS ALLOWED WHERE PRESSURE PERMITS.
- 5.5 CONTRACTOR SHALL PROVIDE ADDITIONAL SPRINKLER HEADS ABOVE AND BELOW MECHANICAL/ ELECTRICAL DUCTS AND EQUIPMENT WHICH EXCEEDS 48 INCHES IN WIDTH.

- 5.7 SPRINKLER HEADS SHOWN ARE MINIMUMS. CONTRACTOR SHALL PROVIDE ADDITIONAL HEADS AS REQUIRED TO COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLANS OR TO PROVIDE ADEQUATE COVERAGE AS SPECIFIED OR REQUIRED BY APPROPRIATE HAZARD CLASS.

FIRE PROTECTION (SPRINKLER) PIPING

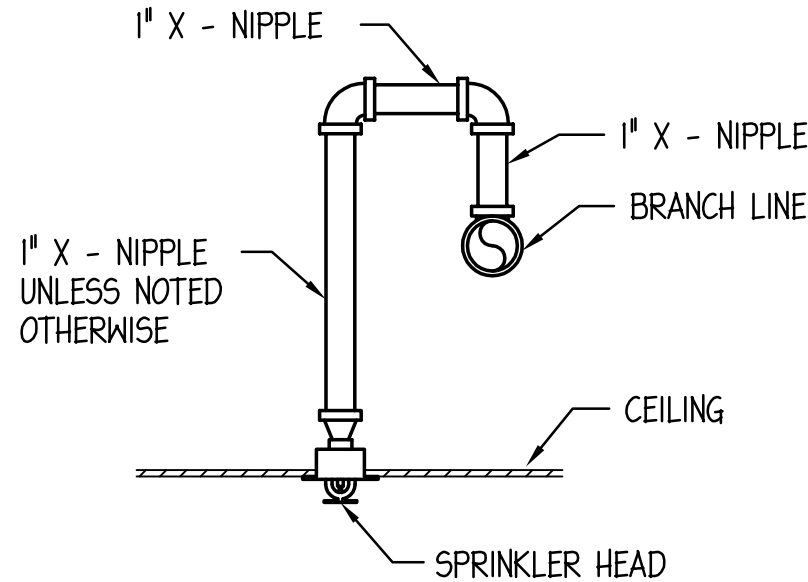
- 6.1 MINIMUM PIPE SIZE SHALL BE 1 INCH. ANY REDUCING OF SIZE SHALL OCCUR AT SPRINKLER HEAD CONNECTION.
- 6.2 SPRINKLER PIPING SHALL NOT BE INSTALLED DIRECTLY OVER ANY ELECTRICAL EQUIPMENT PANELS, TELEPHONE OR LOW VOLTAGE EQUIPMENT OR SIMILAR TYPE OF EQUIPMENT.
- 6.3 ALL PIPE AND FITTINGS SHALL BE INSTALLED IN RUST-FREE CONDITION.
- 6.4 ALL PIPING SHALL BE HYDROSTATICALLY TESTED @ 200 PSI FOR NO LESS THAN 2 HOURS. THE FIRE DEPARTMENT SHALL BE NOTIFIED (NO LESS THAN 48 HOURS PRIOR) OF THE DATE AND TIME OF THE TEST AND MAY WITNESS IT IF SO DESIRED OR REQUIRED.
- 6.5 ALL PIPING SHALL BE INSTALLED TO ALLOW FOR PROPER DRAINING OF ENTIRE SYSTEM PER NFPA-13.
- 6.6 SCREWED UNIONS SHALL NOT BE PERMITTED ON PIPING LARGER THAN 2 INCHES.
- 6.7 ALL NEW CONNECTIONS MADE TO AN EXISTING SYSTEM MAIN SHALL BE ACCOMPLISHED WITH A CUT-IN OR TEE FITTING OF EQUAL SIZE TO THAT OF THE EXISTING MAIN.
- 6.8 FIRE PROTECTION PIPING SHALL BE AS FOLLOWS:
- A. (1"-6") STEEL PIPE: ASTM A798; SCHEDULE 40, BLACK. STEEL FITTINGS: ASME B16.5, STEEL FLANGES AND FITTINGS. CAST IRON FITTINGS: ASME 16.1, FLANGES AND FLANGED FITTINGS; OR ASME B16.4, THREADED FITTINGS. MALLEABLE IRON FITTINGS: ASME B16.3, THREADED FITTINGS.

PIPE AND VALVE IDENTIFICATION

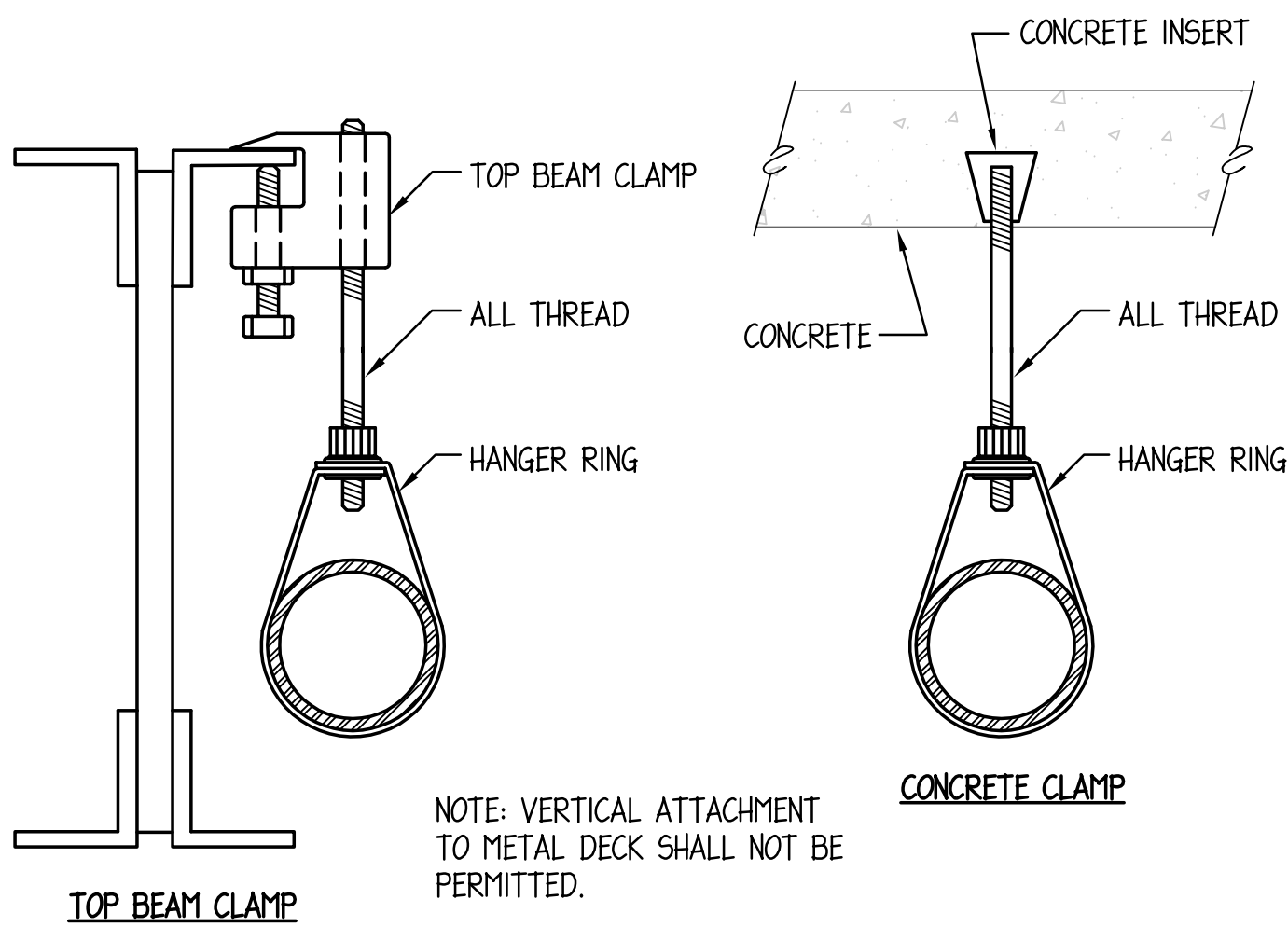
- 7.1 PROVIDE PIPE LABELING IDENTIFICATION PER ASME A13.1. SEE DETAIL FOR ADDITIONAL INFORMATION. PIPE LABELS SHALL BE WRAP AROUND TYPE. SELF ADHESIVE TYPE SHALL NOT BE PERMITTED.

FIRE STOP SYSTEMS

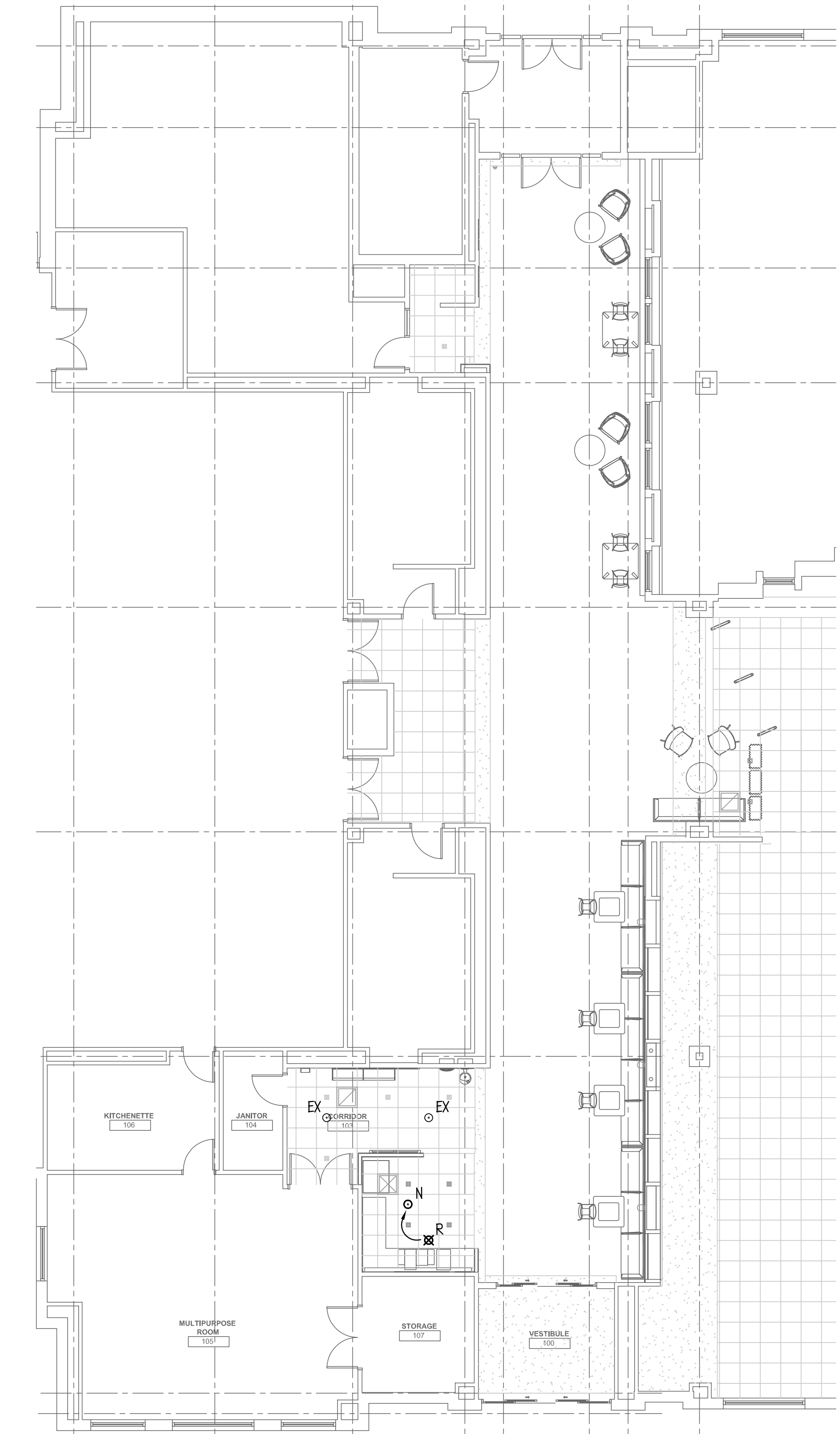
- 8.1 GENERAL PURPOSE FIRE STOPPING SEALANT SHALL BE DOW CORNING, NELSON OR 3M COMPANY; WATER BASED, NON SLUMPING, PREMIXED SEALANT WITH INTUMESCENT PROPERTIES, RATED FOR 3 HOURS PER ASTM E814, NFPA AND UL-1479. FILL ALL VOIDS AROUND ALL PIPING PENETRATIONS THROUGH WALLS AND CEILINGS WITH A MINIMUM 1 HOUR FIRE RATING. PROVIDE PVC COLLAR ASSEMBLY AT ALL PVC PIPING PENETRATIONS THROUGH FIRE WALLS, FLOORS OR CEILING WHERE REQUIRED BY LOCAL FIRE DISTRICT.



RETURN BEND DETAIL
NO SCALE



TYPICAL HANGER DETAILS
NO SCALE



① FIRST FLOOR - FIRE PROTECTION PLAN - CAFE
1/8" = 1'-0"

SPRINKLER HEAD LEGEND

- EXISTING SPRINKLER HEAD TO REMAIN
- STANDARD COVERAGE SPRINKLER, CHROME SEMI-RECESSED PENDENT, QUICK-RESPONSE, K-5.6
- REMOVE EXISTING SPRINKLER HEAD AND PROVIDE NEW HEAD AT LOCATION SHOWN, EXTEND BRANCH PIPING TO NEW LOCATION



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FIRST FLOOR -
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PLAN, SPECS.,
DETAILS -
CAFE
FP1.00

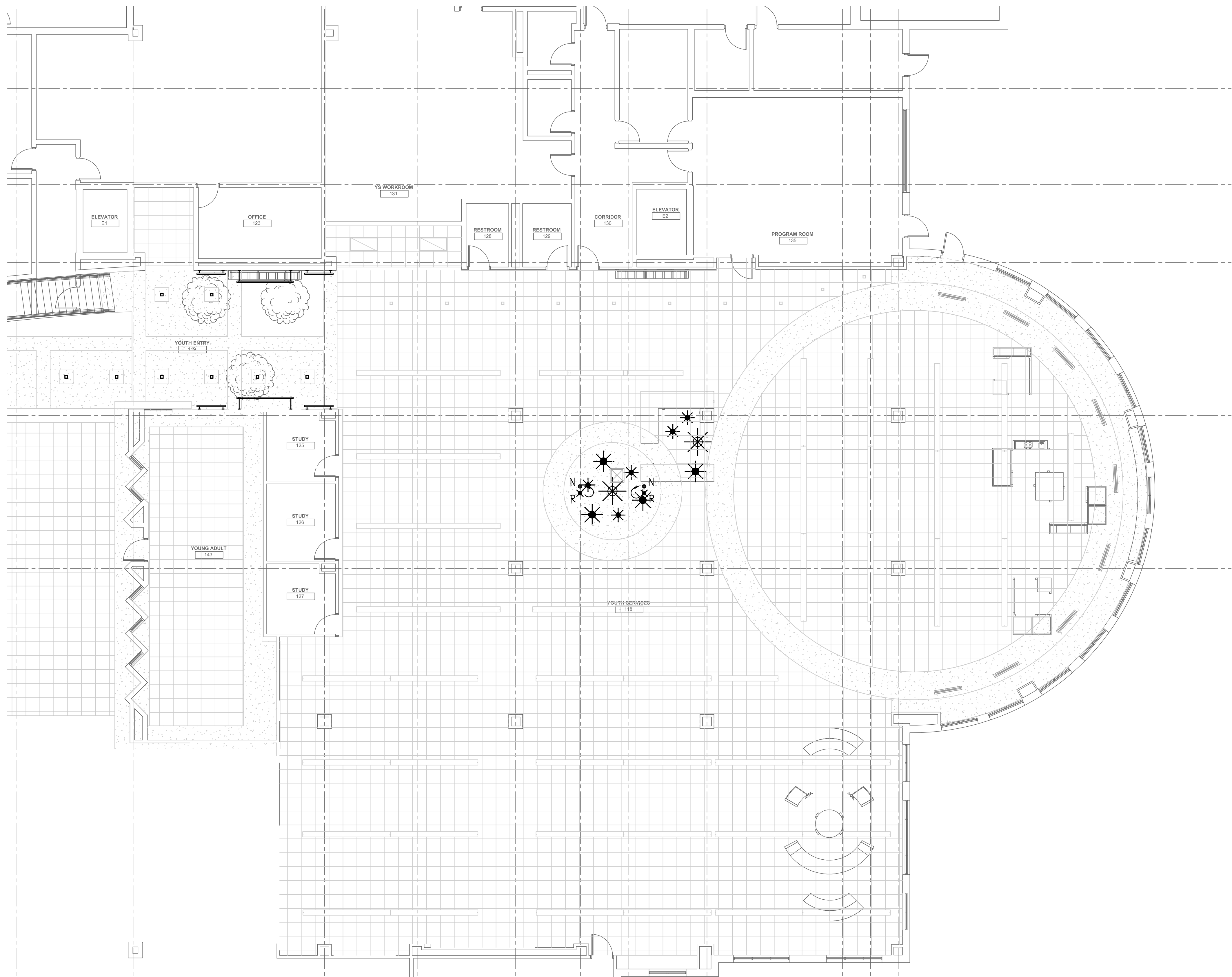


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⊕ ① **FIRST FLOOR - FIRE PROTECTION PLAN - YOUTH**
1/8" = 1'-0"

SPRINKLER HEAD LEGEND

- EX EX EXISTING SPRINKLER HEAD TO REMAIN
- N N STANDARD COVERAGE SPRINKLER, CONCEALED PENDENT WITH WHITE COVERPLATE, QUICK-RESPONSE, K=5.6
- R N REMOVE EXISTING SPRINKLER HEAD AND PROVIDE NEW HEAD AT LOCATION SHOWN, EXTEND BRANCH PIPING TO NEW LOCATION

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**FIRST FLOOR -
FIRE
PROTECTION
PLAN - YOUTH**

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