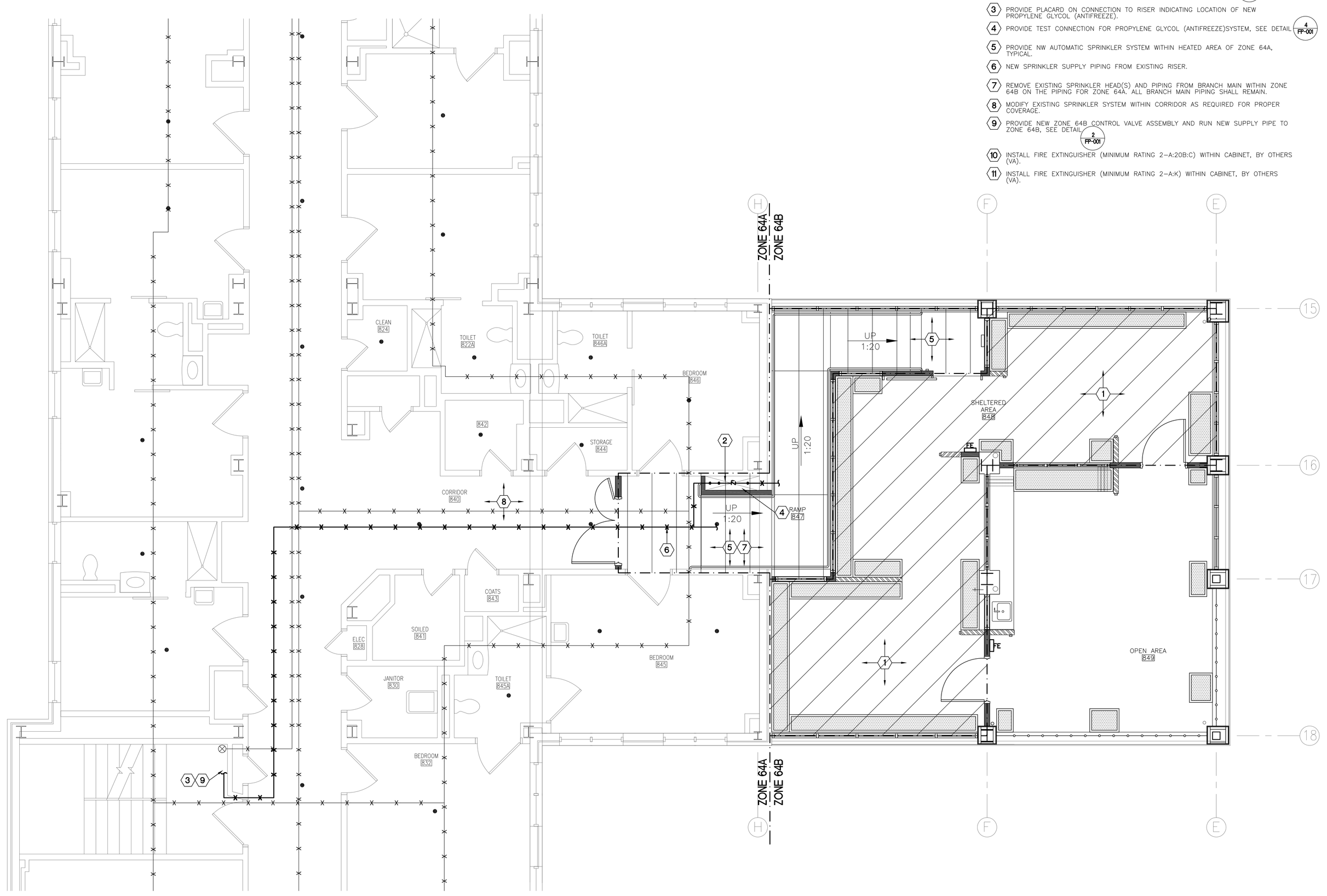

FIRE PROTECTION PLAN NOTES:

1. PROVIDE NEW PROPYLENE GLYCOL (ANTIFREEZE) AUTOMATIC SPRINKLER SYSTEM FOR NON-HEATED INTERIOR AREAS OF ZONE 64B, TYPICAL.
2. PROVIDE PROPYLENE GLYCOL SYSTEM SUPPLY PIPING, SEE TO DETAIL 4/FP-001
3. PROVIDE PLACARD ON CONNECTION TO RISER INDICATING LOCATION OF NEW PROPYLENE GLYCOL (ANTIFREEZE).
4. PROVIDE TEST CONNECTION FOR PROPYLENE GLYCOL (ANTIFREEZE)SYSTEM, SEE DETAIL 4/FP-001
5. PROVIDE NW AUTOMATIC SPRINKLER SYSTEM WITHIN HEATED AREA OF ZONE 64A, TYPICAL.
6. NEW SPRINKLER SUPPLY PIPING FROM EXISTING RISER.
7. REMOVE EXISTING SPRINKLER HEAD(S) AND PIPING FROM BRANCH MAIN WITHIN ZONE 64B ON THE PIPING FOR ZONE 64A. ALL BRANCH MAIN PIPING SHALL REMAIN.
8. MODIFY EXISTING SPRINKLER SYSTEM WITHIN CORRIDOR AS REQUIRED FOR PROPER COVERAGE.
9. PROVIDE NEW ZONE 64B CONTROL VALVE ASSEMBLY AND RUN NEW SUPPLY PIPE TO ZONE 64B, SEE DETAIL 2/FP-001
10. INSTALL FIRE EXTINGUISHER (MINIMUM RATING 2-A:20B:C) WITHIN CABINET, BY OTHERS (VA).
11. INSTALL FIRE EXTINGUISHER (MINIMUM RATING 2-A:K) WITHIN CABINET, BY OTHERS (VA).

GENERAL FIRE PROTECTION NOTES:

1. DESIGN, MATERIALS AND ALL INSTALLATIONS FOR THE SPRINKLER SYSTEM SHALL BE PER NFPA 13, ALL NEW YORK STATE, FEDERAL AND LOCAL CODES.
2. PRIME AND PAINT ALL PIPING OSHA RED.
3. PROVIDE WATERTIGHT SEAL FOR ALL PIPE PENETRATION.
4. CONTRACTOR IS REQUIRED TO PRODUCE THEIR OWN WORKING DRAWINGS AND HYDRAULIC CALCULATIONS.
5. CONTRACTOR SHALL PROVIDE LOW POINT DRAINS WHENEVER NECESSARY, UNLESS OTHERWISE APPROVED. ROUTE ALL DRAIN PIPE OUTSIDE BUILDING. PROVIDE AUXILIARY DRAINS WHERE A CHANGE IN THE PIPING DIRECTION PREVENTS DRAIN OF THE SYSTEM PIPING THROUGH THE MAIN DRAIN.
6. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
7. FOR DRAWING SYMBOL LIST AND ABBREVIATIONS, REFER TO SHEET FP-001.
8. PROVIDE NEW SPRINKLER HEAD CABINET, REFER TO SPECIFICATIONS FOR REQUIREMENTS.
9. CONTRACTOR SHALL PROVIDE NEW SIGNS AS INDICATED IN SPECIFICATIONS AND NFPA 13.
10. COORDINATE ALL WORK WITH OTHER TRADES AND EXISTING CONDITIONS PRIOR TO THE FABRICATION OR INSTALLATION OF ANY PIPING.
11. ALL PIPING SHALL BE STEEL PER THE SPECIFICATIONS. PLASTIC SHALL NOT BE PERMITTED.
12. THE NEW SPRINKLER SYSTEM SHALL BE HYDRAULICALLY CALCULATED. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PIPE SIZES.
13. COMPLY WITH NATIONAL ELECTRIC CODE (NFPA 70) AS REQUIRED FOR ROUTING OF SPRINKLER PIPING ABOVE ELECTRICAL EQUIPMENT.
14. PROVIDE CUTTING AND PATCHING OF WALLS AND CEILINGS NECESSARY TO PERFORM INSTALLATION OF SPRINKLER SYSTEM.
15. PROVIDE HYDROSTATIC TESTING OF INSTALLED PIPING SYSTEM IN ACCORDANCE WITH ALL APPLICABLE NFPA CODES, AND PROVIDE REPLACEMENT OF ALL DEFECTIVE MATERIALS.
16. THE OCCUPANCY CLASSIFICATION FOR WORK AREA IS LIGHT HAZARD.
17. THE CONTRACTOR SHOULD NOTE THAT THERE ARE BEAMS AND OTHER OBSTRUCTIONS THAT MAY EFFECT THE SPRINKLER LAYOUT. CONTRACTOR SHOULD FIELD VERIFY CONDITIONS, COORDINATE WITH OTHER TRADES, AND DEVELOP THEIR OWN WORKING DRAWINGS.
18. FOR TYPICAL SEMI-RECESSED SPRINKLERS, REFER TO DETAIL 1/FP-001
19. ANY SPRINKLERS BEING MODIFIED MUST BE LEFT IN AN ACTIVE AND OPERATIONAL CONDITION AT THE END OF THE WORK DAY.
20. REFER TO ARCHITECTURAL PLANS FOR CEILING GRID LAYOUT.
21. FIRE EXTINGUISHER INSTALLATION HEIGHT SHALL CONFORM TO NFPA STANDARDS.
22. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. IT IS NOT INTENDED TO SPECIFY OR SHOW ALL COMPONENTS; HOWEVER, CONTRACT DOCUMENTS REQUIRE COMPONENTS AND MATERIALS WHETHER OR NOT INDICATED OR SPECIFICALLY SPECIFIED TO MAKE THE SYSTEMS BEING INSTALLED COMPLETE, CODE COMPLIANT, TESTED AND OPERATIONAL.
23. EXISTING FIRE PROTECTION PIPING LOCATION AND ARRANGEMENT IS APPROXIMATE ONLY. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS, DIMENSIONS, SIZES AND ELEVATIONS PRIOR TO CONSTRUCTION.
24. CONTRACTOR SHALL ENLIST THE SERVICES OF A QUALIFIED SPRINKLER DESIGN AND INSTALLATION FIRM WITH A MINIMUM OF 10 YEARS EXPERIENCE IN THE FIELD AND A HISTORY OF SUCCESSFUL PROJECTS IN HEALTHCARE FACILITIES. CONTRACTOR SHALL PROVIDE SPRINKLER DRAWINGS DEVELOPED BY DESIGNER PRIOR TO CONSTRUCTION. DESIGN SHALL PROVIDE FOR COMPLETE COVERAGE OF THE AREAS INDICATED IN ACCORDANCE WITH NFPA-13 GUIDELINES AND ALL LOCAL, STATE AND FEDERAL REQUIREMENTS.
25. ALL MATERIALS, EQUIPMENT, METHODS OF INSTALLATION, REMOVALS AND DISPOSAL SHALL BE IN ACCORDANCE WITH THE THE STANDARDS, REGULATIONS, CODES, ORDINANCES, AND LAWS OF LOCAL, STATE, AND FEDERAL GOVERNMENTS, AND OTHER AUTHORITIES THAT HAVE LAWFUL JURISDICTION.
26. PERFORM WORK, PROVIDE MATERIALS AND EQUIPMENT FOR SYSTEMS SHOWN, SPECIFIED AND DESCRIBED ON DRAWINGS. COMPLETELY COORDINATE WITH ALL TRADES OF THIS CONTRACT AND PROVIDE COMPLETE AND FULLY FUNCTIONAL INSTALLATION.
27. PROTECT ALL EXISTING AND NEW BUILDING ELEMENTS FROM DAMAGE. CONTRACTOR SHALL RESTORE ALL DAMAGED ELEMENTS TO ORIGINAL OR BETTER CONDITION.
28. WORK SHALL BE EXECUTED IN A WORKMANLIKE MANNER AND SHALL PRESENT NEAT, RECTILINEAR APPEARANCE WHEN COMPLETED. MAINTAIN MAXIMUM HEAD ROOM AT ALL TIMES.
29. MATERIALS AND EQUIPMENT SHALL BE NEW AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. MAINTAIN MANUFACTURER'S EQUIPMENT CLEARANCES, UNLESS NOTED OTHERWISE.
30. CONTRACTOR IS RESPONSIBLE FOR ALL WORK RELATED TO ISOLATING, SHUTTING DOWN, DRAINING, FILLING AND TESTING SYSTEMS TO ALLOW FOR COMPLETION OF WORK. INTERRUPTIONS TO EXISTING SERVICES AND SYSTEMS SHALL BE AS SHORT AS POSSIBLE AND AT A TIME AND DURATION APPROVED BY THE COR AS APPLICABLE. INCLUDE ALL PREMIUM TIME ASSOCIATED WITH INTERRUPTIONS. ALL SYSTEM INTERRUPTIONS SHALL BE SCHEDULED WITH COR AND COORDINATED WITH OTHER TRADE WORK.
31. SEAL ALL PENETRATIONS THROUGH FIRE RATED WALLS, PARTITIONS AND FLOORS WITH UL RATED MATERIALS/METHODS EQUIVALENT TO FIRE RATING OF ASSEMBLY.
32. PROVIDE PROPER ACCESS TO EQUIPMENT THAT REQUIRES INSPECTION, REPLACEMENT OR REPAIR. ACCESS PANELS/DOORS SHALL BE A MINIMUM OF 12"x12", UNLESS OTHERWISE NOTED.
33. EXISTING SPRINKLER HEADS TO REMAIN IN ADJACENT AREAS UNLESS NOTED OTHERWISE.
34. ALL BRANCH PIPING SHALL BE LOCATED HIGH ENOUGH ABOVE CEILING TO ALLOW ALL OTHER DEVICES IN CEILING TO FIT WITHOUT OBSTRUCTION.
35. DO NOT HANG SPRINKLER OR OTHER FIRE PROTECTION SYSTEM DEVICES, CONDUITS, PIPING, ETC. FORM ANY SUSPENDED CEILING OR SUSPENDED SYSTEM OR SUPPORTS. ALL FIRE PROTECTION RELATED ITEMS SHALL BE SECURED TO THE BUILDING FLOORS/CEILINGS OR EQUIVALENT MEMBER.
36. PROVIDE ALL CUTTING, PATCHING AND FIRE STOPPING REQUIRED TO ACCOMPLISH WORK. PATCH AND SEAL OPENINGS TO MATCH ADJACENT WALLS, FLOORS, CEILINGS, ETC. UNLESS OTHERWISE INDICATED. CONCEAL ALL WORKING FINISHED AREAS UNLESS OTHERWISE INDICATED OR DIRECTED BY ARCHITECT.
37. CONTRACTOR SHALL COORDINATE INSTALLATION OF EQUIPMENT, PIPING AND SPRINKLER HEADS WITH OTHER TRADES. PROVIDE FITTINGS, PIPING, OFFSETS, ELEVATION CHANGES, PIPE REROUTING, ETC. TO ELIMINATE CONFLICTS WITH OTHER DIVISIONS AND EXISTING ITEMS.
38. CONTRACTOR SHALL PROVIDE ALL SLEEVES, CORE DRILLING, WATER, SMOKE AND FIRE SEALING OF PIPING PENETRATIONS THROUGH WALLS AND FLOORS.
39. SPRINKLERS SHALL BE INSTALLED AND SPACED TO PREVENT ANY OBSTRUCTIONS AS REQUIRED BY NFPA 13.
40. IN CASE OF LOW POINTS, CONTRACTOR SHALL PROVIDE AUXILIARY DRAIN, IDENTIFICATION AND ACCESS.
41. ANY DISCREPANCIES, CONFLICTS OR CHANGES IN CONSTRUCTION ON THE DRAWINGS, NOTES AND SPECIFICATIONS SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE COR FOR COORDINATION PRIOR TO STATING WORK.

FIRE PROTECTION PLAN
ARCH. SCALE: 1/4" = 1'-0"
ENG. SCALE: 1" = 4'-0"

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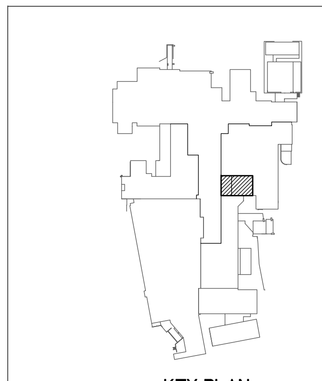

KEY PLAN

65% SUBMISSION - NOT FOR CONSTRUCTION
FULLY SPRINKLERED

Revisions:	Date

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Drawing Title: PARTIAL 8TH FLOOR FIRE PROTECTION PLAN	Project Title: CLC OUTDOOR LIVING SPACE	Project Number: 528A7-14-710	Office of Construction and Facilities Management
Approved: Project Director	Location: SYRACUSE VAMC	Building Number: 1	Department of Veterans Affairs
	Date: 05-22-2015 / Checked: LLJ/BP / Drawn: EHA/LLJ	Drawing Number: FP-100 Dwg. X of X	

VA FORM 08-6231