LEGEND

TYP.	TYPICAL
U/F	UNDER FLOOR
RPZ	REDUCED PRESSURE ZONE ASSEMBLIES
MC	MECHANICAL CONTRACTOR
GC	GENERAL CONTRACTOR
CONT.	CONTINUATION
N/A	NOT APPLICABLE
PC	PLUMBING CONTRACTOR
RM.	ROOM
BLDG.	BUILDING
CS U	UNDERGROUND COMBINATION SERVICE
SG	SPRINKLER GUARD
	FIRE HOSE VALVE
	WET AREA "A"
	WET AREA "B"

BACKFLOW PREVENTER SCHEDULE

MARK	MANUFACTURER	SIZE	MAX. PRESSURE DROP	SERVING	REMARKS
BFP-2	WATTS	6"	9 PSI	FIRE PROTECTION SERVICE	DCDA TO BE INSTALLED BY FIRE PROTECTION CONTRACTOR. SEE DETAIL #1 ON DRAWING FP-1 FOR FIRE PROTECTION ROOM LAYOUT INSTRUCTIONS.

SPRINKLER HEADS SHALL BE QUICK RESPONSE TYPE AS REQUIRED BY CODE.

SCHEDULE OF SPRINKLER HEADS

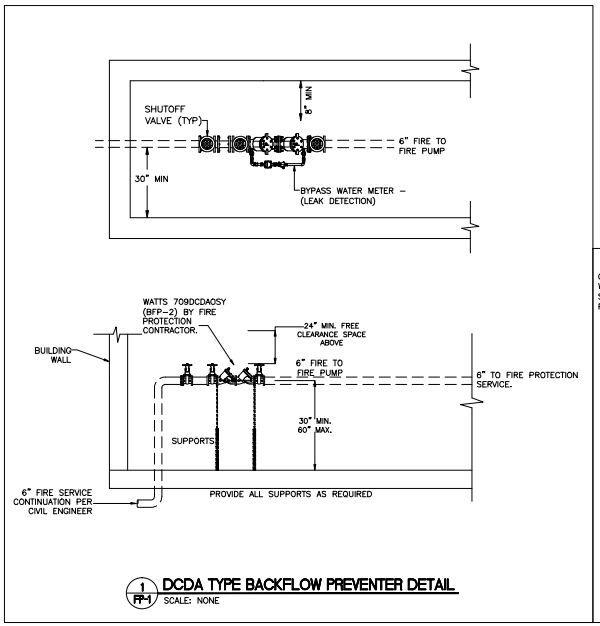
SYMBOL	DESCRIPTION
	Pendant Semi-recessed head with white finish and upright sprinkler head. ½" orifice, 155°F. *UL Listed* and FM approved. "Rooster Style" – Reliable Sprinkler or equal.
	Pendant fully-recessed anti-corrosion head with finish cover plate. ½" orifice, 155°F – Steam and Sauna rooms head temperature shall be a minimum of 285°F. *UL Listed* and FM approved. Reliable Sprinkler F1FR-56 series or Viking VK302 with ENT Coating.
	Dry Pendant Semi-recessed head with white finish and upright sprinkler head. ½" orifice, 155°F. *UL Listed* and FM approved. "Rooster Style" – Reliable Sprinkler or equal.
	Full-(concealed) head with white finish, ½" orifice, 165°F. *UL Listed* and FM approved. Reliable Sprinkler G5-56 series or equal.
	Upright brass head. ½" orifice, 210°F. *UL Listed* and FM approved. Reliable Sprinkler or equal.
	Anti-corrosion Upright head with corrosion resistant polyester coating. ½" orifice, 210°F. *UL Listed* and FM approved. Reliable Sprinkler F1FR-56 series or equal.
	Dry-Upright brass head. ½" orifice, 210°F. *UL Listed* and FM approved.
	Fully-recessed Sidewall type head with white finish, ½" orifice, 165°F. *UL Listed* and FM approved. Quick Response, Extended Coverage. Reliable Sprinkler G6-80 series or equal.
	Sidewall type head with white finish, ½" orifice, 155°F. *UL Listed* and FM approved. Reliable Sprinkler or equal.
	Dry Sidewall type head with white finish and white escutcheon. ½" orifice, 155°F. *UL Listed* and FM approved. Reliable Sprinkler or equal.
	Residential Sidewall type head with white finish, ½" orifice, 155°F, 5.8 K factor. *UL Listed* and FM approved. Reliable Sprinkler or equal.

FIRE PROTECTION SYSTEMS SPECIFICATIONS

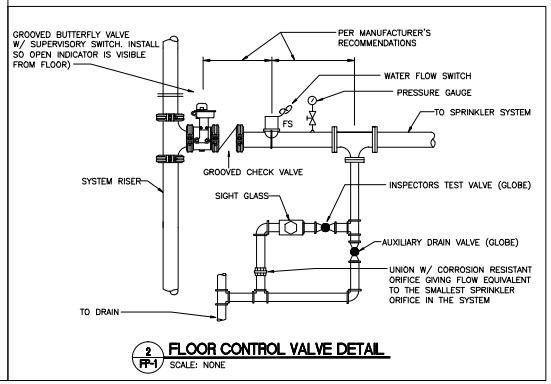
1. The contractor shall be responsible for a complete turn key installation using Underwriter Laboratories UL listed products including design, obtaining approvals and coordination with other trades. Install to meet NFPA 13, NFPA 14, NFPA 20, NFPA 72, NFPA 101, and the local Authority Having Jurisdiction requirements.
2. Sprinkler heads, mains, runouts, tailbacks, sprigs etc. shall be provided as follows:

2.1. All equipment required for the project (sprinklers, hose valves, check valves, fittings, etc.) occurring after the fire pump shall meet standard pressure requirements. The fire pump and associated jockey pump shall have electrical requirements of 208/3/60. The fire protection contractor shall provide services for this project on a design build basis. Provide all required materials and designs for a 100% complete, functional and code compliant installation. Provide piping drawings, schematics, material specifications etc. with flow calculations to the local jurisdiction having authority for review and approval prior to installation. All prospective bidders shall visit the site prior to bid submission to verify field conditions and scope of work. Coordinate main fire protection service size requirements and all locations of fire protection mains serving the building with the Civil Engineer and Architect prior to bid submission. Provide flow and tamper switches as required and coordinate terminations with the electrical contractor. If main fire protection service is existing, provide new drops to new sprinkler heads. Coordinate exterior AV location with electrical contractor and wiring requirements in advance. Provide Siamese connection at exterior per Fire Marshal.

3. Sprinkler head locations shall be used as a guide for bid. Sprinkler locations show approximate locations with full rcp and field coordination to be provided by the successful contractor. Provide all heads as required per NFPA 13. Suggested fire protection service is 6". Verify with hydraulic calculations. The contractor shall perform a flow test on site and use results to perform hydraulic and pump calculations as described here. Provide sprinklers in concealed ceiling spaces between floors per NFPA 13.
4. The suggested sprinkler locations are not intended to limit the contractor from providing another design that may be more economical and still meet the requirements of the local Authority Having Jurisdiction and NFPA.
5. Working plans and computerized hydraulic calculations shall be prepared by a minimum Level 3 N.I.C.E.T. Certified Sprinkler Layout Designer. Submit working plans and hydraulic calculations signed and sealed by a Professional Fire Protection Engineer registered in the state in which the project is located, to Authorities that Have Jurisdiction. Design documents are for permit purposes. The design is not intended to limit the contractor from providing another design that may be more economical and still meet the requirements of the Local Authority Having Jurisdiction. All drawings, including As-Builts, shall be submitted electronically in AUTO CAD compatible format.
6. The hydraulic calculations shall include the pressure drop through all pipe, fittings and devices, including the pressure drop through the reduced pressure principle backflow preventer, from the most hydraulic remote point of the sprinkler system to the location of the test hydrant.
7. Submit drawings to local fire dept. and obtain necessary approvals, permits and certificates prior to submission to the engineer for final review.
8. Where required by code or directed by local authorities, contractor shall provide seismic hanging & constraints on all piping in complete accordance with the latest issue of the State Plumbing Building Code, local codes and NFPA.
9. The fire protection contractor shall provide a guarantee covering all design, installation, material and workmanship for one year following date of acceptance by Owner.
10. The hydraulic calculations shall be based on the flow test data listed below (this information shall be provided by the fire protection contractor at submittal of shop drawings and calculations):
    a. Static pressure psi.
    b. Residual pressure psi.
    c. Flow gpm.
    d. Flow/test hydrant locations.
    e. Date of test.
    f. Time of test.
    g. Responsible party conducting test.
    h. Hydrant outlet discharge coefficient.
11. Piping shall be sloped to drain back to sprinkler riser. Auxiliary drainage in accordance with NFPA 13 shall be provided for all trapped sections of pipe.
12. Pipe all drains and inspector's test to outside, or discharge to a drain approved by the owner for sprinkler discharge.
13. Provide automatic sprinkler below obstructions 48 inches and wider. (platforms, ductwork, stairways, unit heater, etc).
14. Refer to the architectural drawings for reflected ceiling plans and coordinate all work with all other contractors prior to installation of the sprinkler system. Up front field coordination between all contractors is required due to limited space constraints.



1 FP-1 **DCDA TYPE BACKFLOW PREVENTER DETAIL**
SCALE: NONE



2 FP-1 **FLOOR CONTROL VALVE DETAIL**
SCALE: NONE

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Syracuse, NY

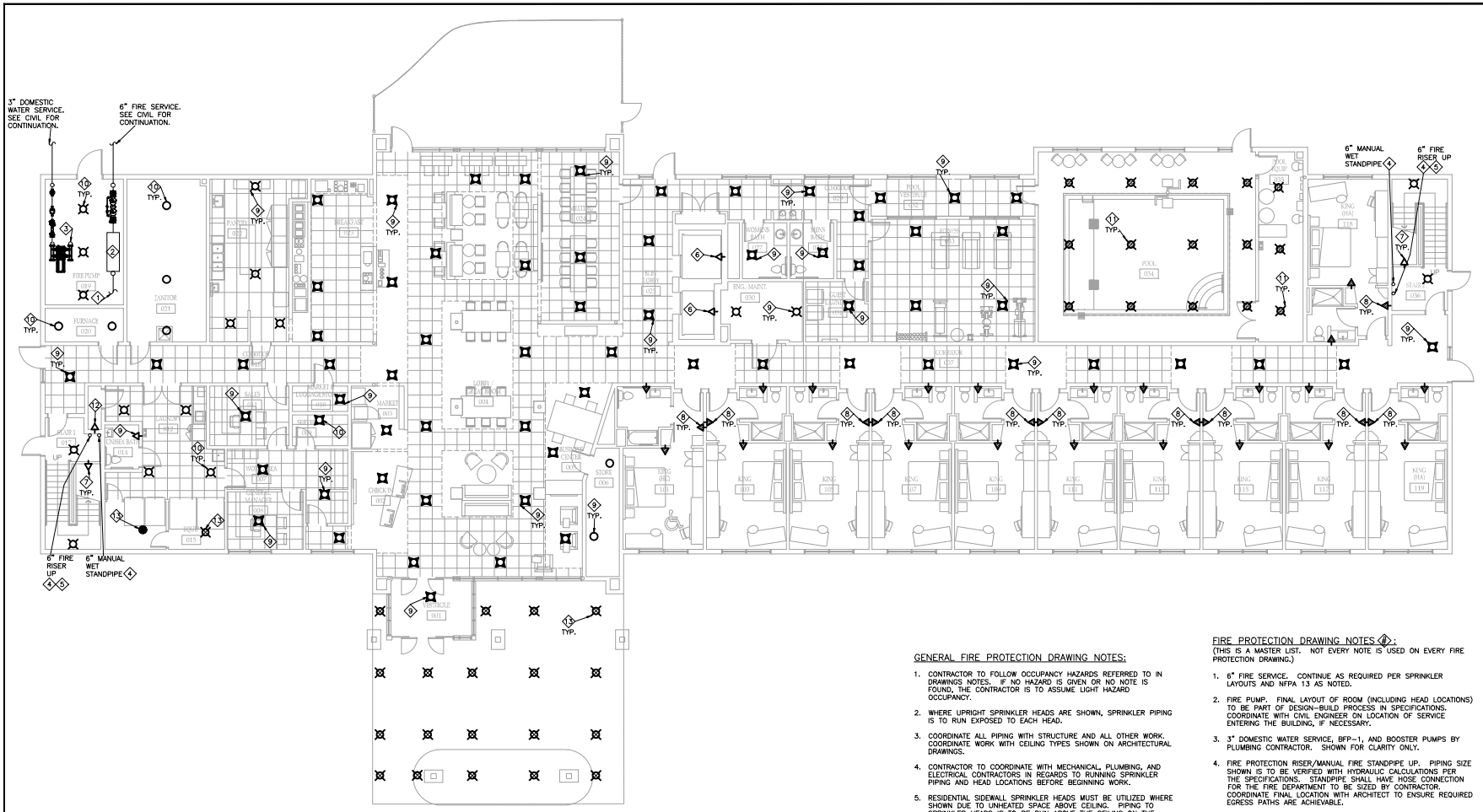
SEAL:

TITLE:
FIRE PROTECTION LEGENDS, SCHEDULES, DETAILS, & SPECIFICATIONS

Architecture

DATE: 01/01/2026

DRAWING #: FP-1



1 FP-2 **FIRE PROTECTION FIRST FLOOR PLAN**
SCALE: 1/8" = 1'-0"

GENERAL FIRE PROTECTION DRAWING NOTES:

1. CONTRACTOR TO FOLLOW OCCUPANCY HAZARDS REFERRED TO IN DRAWINGS NOTES. IF NO HAZARD IS GIVEN OR NO NOTE IS FOUND, THE CONTRACTOR IS TO ASSUME LIGHT HAZARD OCCUPANCY.
2. WHERE UPRIGHT SPRINKLER HEADS ARE SHOWN, SPRINKLER PIPING IS TO RUN EXPOSED TO EACH HEAD.
3. COORDINATE ALL PIPING WITH STRUCTURE AND ALL OTHER WORK. COORDINATE WORK WITH CEILING TYPES SHOWN ON ARCHITECTURAL DRAWINGS.
4. CONTRACTOR TO COORDINATE WITH MECHANICAL, PLUMBING, AND ELECTRICAL CONTRACTORS IN REGARDS TO RUNNING SPRINKLER PIPING AND HEAD LOCATIONS BEFORE BEGINNING WORK.
5. RESIDENTIAL SIDEWALL SPRINKLER HEADS MUST BE UTILIZED WHERE SHOWN DUE TO UNHEATED SPACE ABOVE CEILING. PIPING TO SPRINKLER HEADS IS TO BE RUN ABOVE THE CEILING ON THE FLOOR BELOW AND THEN UP THRU THE WALLS TO HEAD LOCATIONS INDICATED.

FIRE PROTECTION DRAWING NOTES ◇:
(THIS IS A MASTER LIST. NOT EVERY NOTE IS USED ON EVERY FIRE PROTECTION DRAWING.)

1. 6" FIRE SERVICE. CONTINUE AS REQUIRED PER SPRINKLER LAYOUTS AND NFPA 13 AS NOTED.
2. FIRE PUMP. FINAL LAYOUT OF ROOM (INCLUDING HEAD LOCATIONS) TO BE PART OF DESIGN-BUILD PROCESS IN SPECIFICATIONS. COORDINATE WITH CIVIL ENGINEER ON LOCATION OF SERVICE ENTERING THE BUILDING, IF NECESSARY.
3. 3" DOMESTIC WATER SERVICE, BFP-1, AND BOOSTER PUMPS BY PLUMBING CONTRACTOR. SHOWN FOR CLARITY ONLY.
4. FIRE PROTECTION RISER/MANUAL FIRE STANDPIPE UP. PIPING SIZE SHOWN IS TO BE VERIFIED WITH HYDRAULIC CALCULATIONS PER THE SPECIFICATIONS. STANDPIPE SHALL HAVE HOSE CONNECTION FOR THE FIRE DEPARTMENT TO BE SIZED BY CONTRACTOR. COORDINATE FINAL LOCATION WITH ARCHITECT TO ENSURE REQUIRED EGRESS PATHS ARE ACHIEVABLE.
5. FLOOR TO BE ZONED WITH FLOOR CONTROL VALVE (WITH TAMPER SWITCH), CHECK VALVE, MAIN DRAIN VALVE, AND FLOW SWITCH. TAMPER AND FLOW SWITCHES TO BE ELECTRICALLY SUPERVISED. COORDINATE WITH ELECTRICAL CONTRACTOR FOR INSTALLATION. SEE DETAIL #2 ON DRAWING FP-1.
6. PROVIDE SPRINKLER HEADS AT TOP AND BOTTOM OF ELEVATOR SHAFTS AND INSIDE ELEVATOR MACHINE ROOMS PER NFPA 13.
7. PROVIDE SPRINKLER HEADS PER NFPA 13 IN STAIRWELLS.
8. PROVIDE WET SPRINKLER SYSTEM INSTALLED AS PER NFPA 13, TYPICAL FOR ALL HOTEL ROOMS. THE HOTEL ROOMS ARE LIGHT HAZARD AND SHALL HAVE SIDEWALL SPRINKLER HEADS. SEE GENERAL NOTE #5.
9. PROVIDE WET SPRINKLER SYSTEM INSTALLED AS PER NFPA 13, TYPICAL FOR STORAGE ROOMS, CORRIDORS, VENDING ROOMS, PUBLIC RESTROOMS, JANITOR'S CLOSETS, OFFICES, AND VESTIBULES. CORRIDORS ON FLOORS 2 THRU 4 SHALL HAVE FULLY RECESSED SIDEWALL HEADS DUE TO SPACE CONSTRAINTS ABOVE THE CEILING. THE SPACES ARE LIGHT HAZARD.
10. PROVIDE WET SPRINKLER SYSTEM INSTALLED AS PER NFPA 13, TYPICAL FOR MECH ROOMS, SERVICE ROOMS, LAUNDRY ROOMS, HOUSEKEEPING, SERVER, PBX, AND ELECTRICAL ROOMS. THE SPACES ARE ORDINARY HAZARD GROUP 1.
11. PROVIDE WET SPRINKLER HEADS ON WET SPRINKLER SYSTEM AS PER NFPA 13, TYPICAL FOR WET AREAS – POOL, POOL EQUIPMENT ROOM, ETC. SPRINKLER HEADS IN PUBLIC AND EQUIPMENT WET AREAS SHALL BE FULLY CONCEALED AND ANTI-FERROUS. THE SPACES ARE ORDINARY HAZARD GROUP 2.
12. PROVIDE WET SPRINKLER SYSTEM INSTALLED AS PER NFPA 13 AND NFPA 82 INSIDE LAUNDRY CHUTES – AT THE TOP AND AT THE BOTTOM OF THE CHUTE.
13. PROVIDE DRY SPRINKLER SYSTEM INSTALLED AS PER NFPA 13, TYPICAL FOR THE CARPORT AND DRYER & WASHER ROOMS.

CONSTRUCTION COMPANY

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Syracuse, NY

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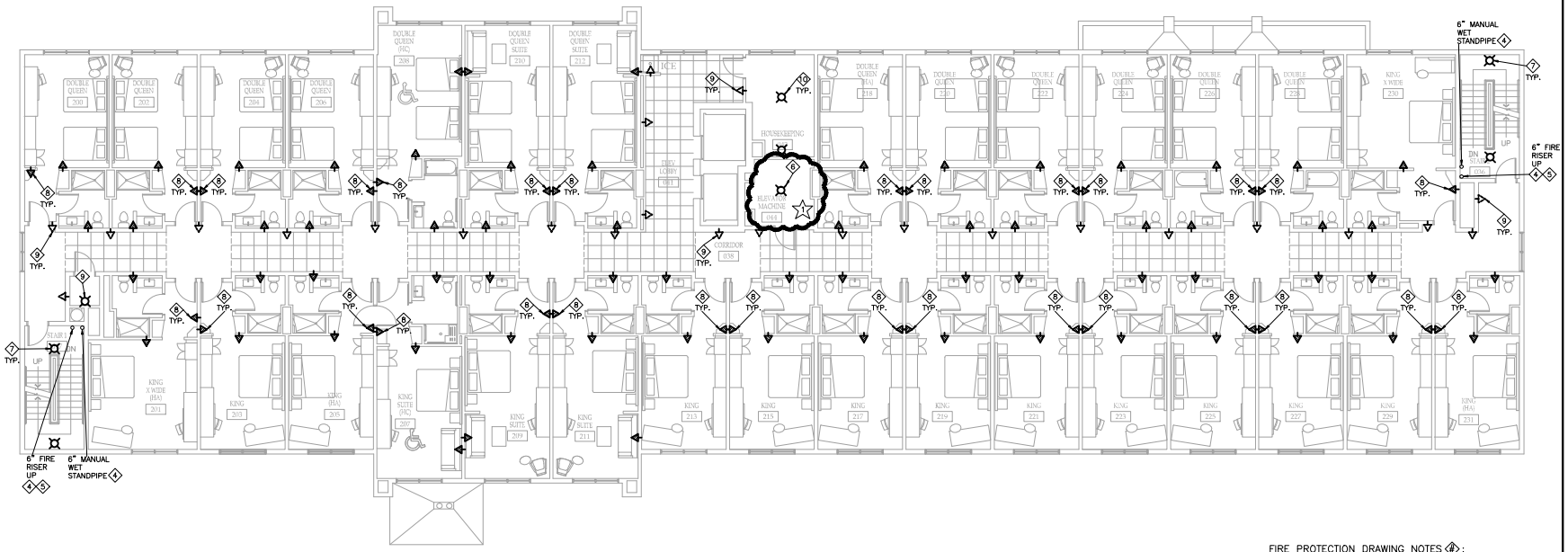
SEAL:

TITLE:
FIRE PROTECTION FIRST FLOOR PLAN

Architecture

DATE: 01/01/2026

DRAWING #: FP-2



1 FP-3 **FIRE PROTECTION SECOND FLOOR PLAN**
SCALE: 1/8" = 1'-0"

GENERAL FIRE PROTECTION DRAWING NOTES:

1. CONTRACTOR TO FOLLOW OCCUPANCY HAZARDS REFERRED TO IN DRAWINGS NOTES. IF NO HAZARD IS GIVEN OR NO NOTE IS FOUND, THE CONTRACTOR IS TO ASSUME LIGHT HAZARD OCCUPANCY.
2. WHERE UPRIGHT SPRINKLER HEADS ARE SHOWN, SPRINKLER PIPING IS TO RUN EXPOSED TO EACH HEAD.
3. COORDINATE ALL PIPING WITH STRUCTURE AND ALL OTHER WORK. COORDINATE WORK WITH CEILING TYPES SHOWN ON ARCHITECTURAL DRAWINGS.
4. CONTRACTOR TO COORDINATE WITH MECHANICAL, PLUMBING, AND ELECTRICAL CONTRACTORS IN REGARDS TO RUNNING SPRINKLER PIPING AND HEAD LOCATIONS BEFORE BEGINNING WORK.
5. RESIDENTIAL SIDEWALL SPRINKLER HEADS MUST BE UTILIZED WHERE SHOWN DUE TO UNHEATED SPACE ABOVE CEILING. PIPING TO SPRINKLER HEADS IS TO BE RUN ABOVE THE CEILING ON THE FLOOR BELOW AND THEN UP THRU THE WALLS TO HEAD LOCATIONS INDICATED.

FIRE PROTECTION DRAWING NOTES ◇:
(THIS IS A MASTER LIST. NOT EVERY NOTE IS USED ON EVERY FIRE PROTECTION DRAWING.)

1. 6" FIRE SERVICE. CONTINUE AS REQUIRED PER SPRINKLER LAYOUTS AND NFPA 13 AS NOTED.
2. FIRE PUMP. FINAL LAYOUT OF ROOM (INCLUDING HEAD LOCATIONS) TO BE PART OF DESIGN-BUILD PROCESS IN SPECIFICATIONS. COORDINATE WITH CIVIL ENGINEER ON LOCATION OF SERVICE ENTERING THE BUILDING, IF NECESSARY.
3. 3" DOMESTIC WATER SERVICE, BFP-1, AND BOOSTER PUMPS BY PLUMBING CONTRACTOR. SHOWN FOR CLARITY ONLY.
4. FIRE PROTECTION RISER/MANUAL FIRE STANDPIPE UP. PIPING SIZE SHOWN IS TO BE VERIFIED WITH HYDRAULIC CALCULATIONS PER THE SPECIFICATIONS. STANDPIPE SHALL HAVE HOSE CONNECTION FOR THE FIRE DEPARTMENT TO BE SIZED BY CONTRACTOR. COORDINATE FINAL LOCATION WITH ARCHITECT TO ENSURE REQUIRED EGRESS PATHS ARE ACHIEVABLE.
5. FLOOR TO BE ZONED WITH FLOOR CONTROL VALVE (WITH TAMPER SWITCH), CHECK VALVE, MAIN DRAIN VALVE, AND FLOW SWITCH. TAMPER AND FLOW SWITCHES TO BE ELECTRICALLY SUPERVISED. COORDINATE WITH ELECTRICAL CONTRACTOR FOR INSTALLATION. SEE DETAIL #2 ON DRAWING FP-1.
6. PROVIDE SPRINKLER HEADS AT TOP AND BOTTOM OF ELEVATOR SHAFTS AND INSIDE ELEVATOR MACHINE ROOMS PER NFPA 13.
7. PROVIDE SPRINKLER HEADS PER NFPA 13 IN STAIRWELLS.
8. PROVIDE WET SPRINKLER SYSTEM INSTALLED AS PER NFPA 13, TYPICAL FOR ALL HOTEL ROOMS. THE HOTEL ROOMS ARE LIGHT HAZARD AND SHALL HAVE SIDEWALL SPRINKLER HEADS. SEE GENERAL NOTE #5.
9. PROVIDE WET SPRINKLER SYSTEM INSTALLED AS PER NFPA 13, TYPICAL FOR STORAGE ROOMS, CORRIDORS, VENDING ROOMS, PUBLIC RESTROOMS, JANITOR'S CLOSETS, OFFICES, AND VESTIBULES. CORRIDORS ON FLOORS 2 THRU 4 SHALL HAVE FULLY RECESSED SIDEWALL HEADS DUE TO SPACE CONSTRAINTS ABOVE THE CEILING. THE SPACES ARE LIGHT HAZARD.
10. PROVIDE WET SPRINKLER SYSTEM INSTALLED AS PER NFPA 13, TYPICAL FOR MECH ROOMS, SERVICE ROOMS, LAUNDRY ROOMS, HOUSEKEEPING, SERVER, PBX, AND ELECTRICAL ROOMS. THE SPACES ARE ORDINARY HAZARD GROUP 1.
11. PROVIDE WET SPRINKLER HEADS ON WET SPRINKLER SYSTEM AS PER NFPA 13, TYPICAL FOR WET AREAS - POOL, POOL EQUIPMENT ROOM, ETC. SPRINKLER HEADS IN PUBLIC AND EQUIPMENT WET AREAS SHALL BE FULLY CONCEALED AND ANTI-FERROUS. THE SPACES ARE ORDINARY HAZARD GROUP 2.
12. PROVIDE WET SPRINKLER SYSTEM INSTALLED AS PER NFPA 13 AND NFPA 82 INSIDE LAUNDRY CHUTES - AT THE TOP AND AT THE BOTTOM OF THE CHUTE.
13. PROVIDE DRY SPRINKLER SYSTEM INSTALLED AS PER NFPA 13, TYPICAL FOR THE CARPORT AND DRYER & WASHER ROOMS.

CONSTRUCTION COMPANY

Holiday Inn Express & Suites
44 Erie Blvd
Syracuse, NY

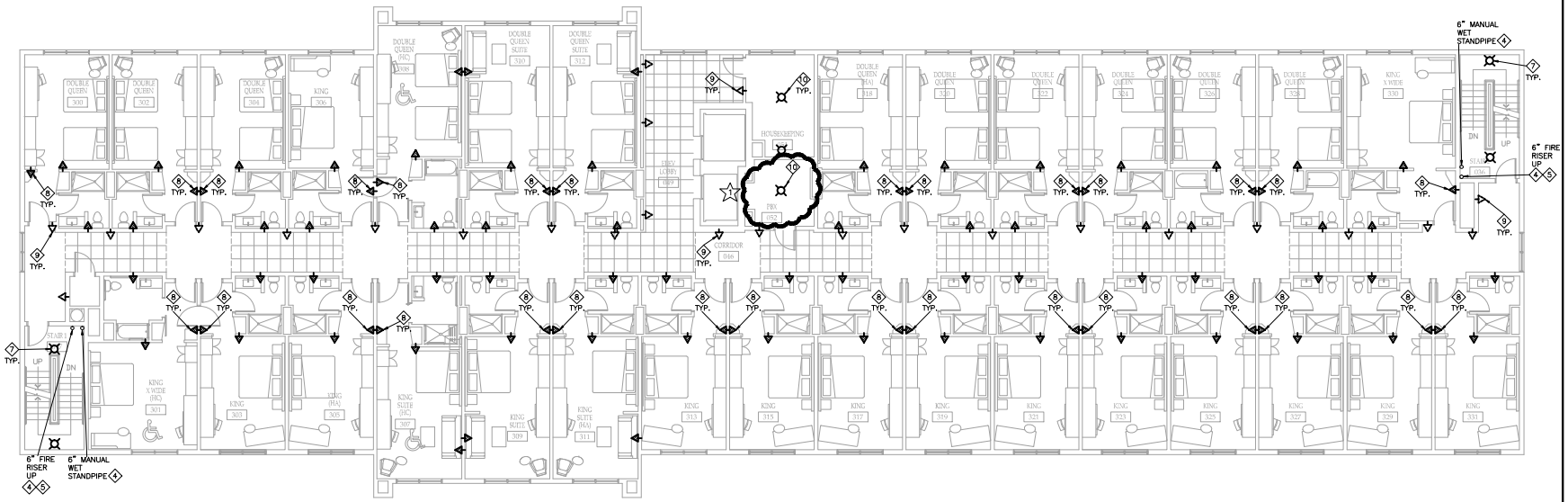
SEAL:

TITLE:
FIRE PROTECTION SECOND FLOOR PLAN

Architecture

DATE: 01/01/2026

DRAWING #: FP-3



1 FP-4 **FIRE PROTECTION THIRD FLOOR PLAN**
SCALE: 1/8" = 1'-0"

GENERAL FIRE PROTECTION DRAWING NOTES:

1. CONTRACTOR TO FOLLOW OCCUPANCY HAZARDS REFERRED TO IN DRAWINGS NOTES. IF NO HAZARD IS GIVEN OR NO NOTE IS FOUND, THE CONTRACTOR IS TO ASSUME LIGHT HAZARD OCCUPANCY.
2. WHERE UPRIGHT SPRINKLER HEADS ARE SHOWN, SPRINKLER PIPING IS TO RUN EXPOSED TO EACH HEAD.
3. COORDINATE ALL PIPING WITH STRUCTURE AND ALL OTHER WORK. COORDINATE WORK WITH CEILING TYPES SHOWN ON ARCHITECTURAL DRAWINGS.
4. CONTRACTOR TO COORDINATE WITH MECHANICAL, PLUMBING, AND ELECTRICAL CONTRACTORS IN REGARDS TO RUNNING SPRINKLER PIPING AND HEAD LOCATIONS BEFORE BEGINNING WORK.
5. RESIDENTIAL SIDEWALL SPRINKLER HEADS MUST BE UTILIZED WHERE SHOWN DUE TO UNHEATED SPACE ABOVE CEILING. PIPING TO SPRINKLER HEADS IS TO BE RUN ABOVE THE CEILING ON THE FLOOR BELOW AND THEN UP THRU THE WALLS TO HEAD LOCATIONS INDICATED.

FIRE PROTECTION DRAWING NOTES 4:
(THIS IS A MASTER LIST. NOT EVERY NOTE IS USED ON EVERY FIRE PROTECTION DRAWING.)

1. 6" FIRE SERVICE. CONTINUE AS REQUIRED PER SPRINKLER LAYOUTS AND NFPA 13 AS NOTED.
2. FIRE PUMP. FINAL LAYOUT OF ROOM (INCLUDING HEAD LOCATIONS) TO BE PART OF DESIGN-BUILD PROCESS IN SPECIFICATIONS. COORDINATE WITH CIVIL ENGINEER ON LOCATION OF SERVICE ENTERING THE BUILDING, IF NECESSARY.
3. 3" DOMESTIC WATER SERVICE, BFP-1, AND BOOSTER PUMPS BY PLUMBING CONTRACTOR. SHOWN FOR CLARITY ONLY.
4. FIRE PROTECTION RISER/MANUAL FIRE STANDPIPE UP. PIPING SIZE SHOWN IS TO BE VERIFIED WITH HYDRAULIC CALCULATIONS PER THE SPECIFICATIONS. STANDPIPE SHALL HAVE HOSE CONNECTION FOR THE FIRE DEPARTMENT TO BE SIZED BY CONTRACTOR. COORDINATE FINAL LOCATION WITH ARCHITECT TO ENSURE REQUIRED EGRESS PATHS ARE ACHIEVABLE.
5. FLOOR TO BE ZONED WITH FLOOR CONTROL VALVE (WITH TAMPER SWITCH), CHECK VALVE, MAIN DRAIN VALVE, AND FLOW SWITCH. TAMPER AND FLOW SWITCHES TO BE ELECTRICALLY SUPERVISED. COORDINATE WITH ELECTRICAL CONTRACTOR FOR INSTALLATION. SEE DETAIL #2 ON DRAWING FP-1.
6. PROVIDE SPRINKLER HEADS AT TOP AND BOTTOM OF ELEVATOR SHAFTS AND INSIDE ELEVATOR MACHINE ROOMS PER NFPA 13.
7. PROVIDE SPRINKLER HEADS PER NFPA 13 IN STAIRWELLS.
8. PROVIDE WET SPRINKLER SYSTEM INSTALLED AS PER NFPA 13, TYPICAL FOR ALL HOTEL ROOMS. THE HOTEL ROOMS ARE LIGHT HAZARD AND SHALL HAVE SIDEWALL SPRINKLER HEADS. SEE GENERAL NOTE #5.
9. PROVIDE WET SPRINKLER SYSTEM INSTALLED AS PER NFPA 13, TYPICAL FOR STORAGE ROOMS, CORRIDORS, VENDING ROOMS, PUBLIC RESTROOMS, JANITOR'S CLOSETS, OFFICES, AND VESTIBULES. CORRIDORS ON FLOORS 2 THRU 4 SHALL HAVE FULLY RECESSED SIDEWALL HEADS DUE TO SPACE CONSTRAINTS ABOVE THE CEILING. THE SPACES ARE LIGHT HAZARD.
10. PROVIDE WET SPRINKLER SYSTEM INSTALLED AS PER NFPA 13, TYPICAL FOR MECH ROOMS, SERVICE ROOMS, LAUNDRY ROOMS, HOUSEKEEPING, SERVER, PBX, AND ELECTRICAL ROOMS. THE SPACES ARE ORDINARY HAZARD GROUP 1.
11. PROVIDE WET SPRINKLER HEADS ON WET SPRINKLER SYSTEM AS PER NFPA 13, TYPICAL FOR WET AREAS - POOL, POOL EQUIPMENT ROOM, ETC. SPRINKLER HEADS IN PUBLIC AND EQUIPMENT WET AREAS SHALL BE FULLY CONCEALED AND ANTI-FERROUS. THE SPACES ARE ORDINARY HAZARD GROUP 2.
12. PROVIDE WET SPRINKLER SYSTEM INSTALLED AS PER NFPA 13 AND NFPA 82 INSIDE LAUNDRY CHUTES - AT THE TOP AND AT THE BOTTOM OF THE CHUTE.
13. PROVIDE DRY SPRINKLER SYSTEM INSTALLED AS PER NFPA 13, TYPICAL FOR THE CARPORT AND DRYER & WASHER ROOMS.

CONSTRUCTION COMPANY

Holiday Inn Express & Suites
44 Erie Blvd
Syracuse, NY

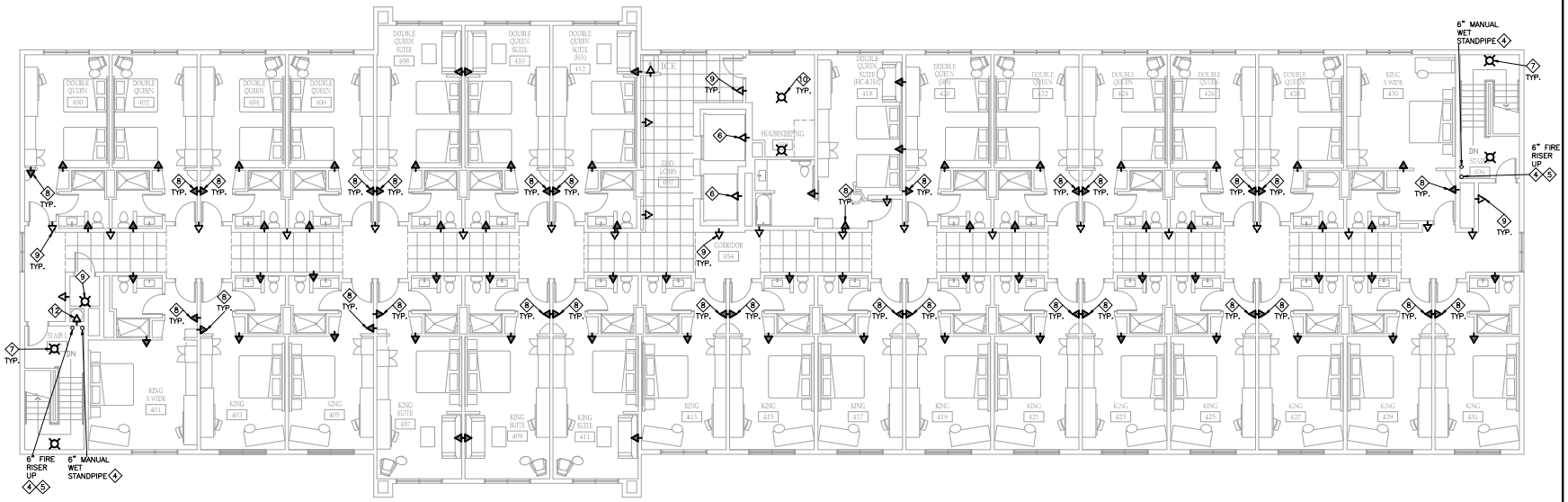
SEAL:

TITLE:
FIRE PROTECTION THIRD FLOOR PLAN

Architecture

DATE: 01/01/2026

DRAWING #: FP-4



1 FP-5 FIRE PROTECTION FOURTH FLOOR PLAN

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

GENERAL FIRE PROTECTION DRAWING NOTES:

1. CONTRACTOR TO FOLLOW OCCUPANCY HAZARDS REFERRED TO IN DRAWINGS NOTES. IF NO HAZARD IS GIVEN OR NO NOTE IS FOUND, THE CONTRACTOR IS TO ASSUME LIGHT HAZARD OCCUPANCY.
2. WHERE UPRIGHT SPRINKLER HEADS ARE SHOWN, SPRINKLER PIPING IS TO RUN EXPOSED TO EACH HEAD.
3. COORDINATE ALL PIPING WITH STRUCTURE AND ALL OTHER WORK. COORDINATE WORK WITH CEILING TYPES SHOWN ON ARCHITECTURAL DRAWINGS.
4. CONTRACTOR TO COORDINATE WITH MECHANICAL, PLUMBING, AND ELECTRICAL CONTRACTORS IN REGARDS TO RUNNING SPRINKLER PIPING AND HEAD LOCATIONS BEFORE BEGINNING WORK.
5. RESIDENTIAL SIDEWALL SPRINKLER HEADS MUST BE UTILIZED WHERE SHOWN DUE TO UNHEATED SPACE ABOVE CEILING. PIPING TO SPRINKLER HEADS IS TO BE RUN ABOVE THE CEILING ON THE FLOOR BELOW AND THEN UP THRU THE WALLS TO HEAD LOCATIONS INDICATED.

FIRE PROTECTION DRAWING NOTES ◇:
(THIS IS A MASTER LIST. NOT EVERY NOTE IS USED ON EVERY FIRE PROTECTION DRAWING.)

1. 6" FIRE SERVICE. CONTINUE AS REQUIRED PER SPRINKLER LAYOUTS AND NFPA 13 AS NOTED.
2. FIRE PUMP. FINAL LAYOUT OF ROOM (INCLUDING HEAD LOCATIONS) TO BE PART OF DESIGN-BUILD PROCESS IN SPECIFICATIONS. COORDINATE WITH CIVIL ENGINEER ON LOCATION OF SERVICE ENTERING THE BUILDING, IF NECESSARY.
3. 3" DOMESTIC WATER SERVICE, BFP-1, AND BOOSTER PUMPS BY PLUMBING CONTRACTOR. SHOWN FOR CLARITY ONLY.
4. FIRE PROTECTION RISER/MANUAL FIRE STANDPIPE UP. PIPING SIZE SHOWN IS TO BE VERIFIED WITH HYDRAULIC CALCULATIONS PER THE SPECIFICATIONS. STANDPIPE SHALL HAVE HOSE CONNECTION FOR THE FIRE DEPARTMENT TO BE SIZED BY CONTRACTOR. COORDINATE FINAL LOCATION WITH ARCHITECT TO ENSURE REQUIRED EGRESS PATHS ARE ACHIEVABLE.
5. FLOOR TO BE ZONED WITH FLOOR CONTROL VALVE (WITH TAMPER SWITCH), CHECK VALVE, MAIN DRAIN VALVE, AND FLOW SWITCH. TAMPER AND FLOW SWITCHES TO BE ELECTRICALLY SUPERVISED. COORDINATE WITH ELECTRICAL CONTRACTOR FOR INSTALLATION. SEE DETAIL #2 ON DRAWING FP-1.
6. PROVIDE SPRINKLER HEADS AT TOP AND BOTTOM OF ELEVATOR SHAFTS AND INSIDE ELEVATOR MACHINE ROOMS PER NFPA 13.
7. PROVIDE SPRINKLER HEADS PER NFPA 13 IN STAIRWELLS.
8. PROVIDE WET SPRINKLER SYSTEM INSTALLED AS PER NFPA 13, TYPICAL FOR ALL HOTEL ROOMS. THE HOTEL ROOMS ARE LIGHT HAZARD AND SHALL HAVE SIDEWALL SPRINKLER HEADS. SEE GENERAL NOTE #5.
9. PROVIDE WET SPRINKLER SYSTEM INSTALLED AS PER NFPA 13, TYPICAL FOR STORAGE ROOMS, CORRIDORS, VENDING ROOMS, PUBLIC RESTROOMS, JANITOR'S CLOSETS, OFFICES, AND VESTIBULES. CORRIDORS ON FLOORS 2 THRU 4 SHALL HAVE FULLY RECESSED SIDEWALL HEADS DUE TO SPACE CONSTRAINTS ABOVE THE CEILING. THE SPACES ARE LIGHT HAZARD.
10. PROVIDE WET SPRINKLER SYSTEM INSTALLED AS PER NFPA 13, TYPICAL FOR MECH ROOMS, SERVICE ROOMS, LAUNDRY ROOMS, HOUSEKEEPING, SERVER, PBX, AND ELECTRICAL ROOMS. THE SPACES ARE ORDINARY HAZARD GROUP 1.
11. PROVIDE WET SPRINKLER HEADS ON WET SPRINKLER SYSTEM AS PER NFPA 13, TYPICAL FOR WET AREAS - POOL, POOL EQUIPMENT ROOM, ETC. SPRINKLER HEADS IN PUBLIC AND EQUIPMENT WET AREAS SHALL BE FULLY CONCEALED AND ANTI-FERROUS. THE SPACES ARE ORDINARY HAZARD GROUP 2.
12. PROVIDE WET SPRINKLER SYSTEM INSTALLED AS PER NFPA 13 AND NFPA 82 INSIDE LAUNDRY CHUTES - AT THE TOP AND AT THE BOTTOM OF THE CHUTE.
13. PROVIDE DRY SPRINKLER SYSTEM INSTALLED AS PER NFPA 13, TYPICAL FOR THE CARPORT AND DRYER & WASHER ROOMS.

CONSTRUCTION COMPANY

Holiday Inn Express & Suites

44 Erie Blvd
Syracuse, NY

SEAL:

TITLE:
FIRE PROTECTION FOURTH FLOOR PLAN

Architecture

DATE: 01/01/2026

DRAWING #: FP-5