

FIRE PROTECTION GENERAL NOTES

1. THESE FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS PROVIDE THE ENGINEERING REQUIREMENTS TO BE USED IN THE PREPARATION OF THE FIRE PROTECTION SYSTEM LAYOUT DOCUMENTS.
2. THE 2,878 FT(2) SPACE ON THE FIRST FLOOR AND 1,984 FT(2) ON THE SECOND FLOOR SHALL BE PROTECTED BY A WET-PIPE SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH THE 2019 EDITION OF NFPA 13, 2023 EIGHTH EDITION OF THE FLORIDA FIRE PREVENTION CODE, 2023 FLORIDA BUILDING CODE, CHAPTER 9 AND APPLICABLE LOCAL AND STATE REQUIREMENTS ADOPTED AT TIME OF PERMITTING.
3. THE OCCUPANCY CLASSIFICATION OF THIS FACILITY PER NFPA 13, 2019 EDITION SHALL BE:

OFFICES, MEETING ROOMS, CORRIDORS, RESTROOMS, AND LIKE AREAS SHALL BE DESIGNED PER LIGHT HAZARD OCCUPANCY, WITH A MINIMUM DENSITY OF 0.10 GPM OVER THE HYDRAULICALLY MOST DEMANDING OPERATING AREA PER NFPA 13 2019 19.3.3. TEMPERATURE RATING OF THE SPRINKLERS SHALL BE 155° OR AS INDICATED ON DRAWINGS. SPACING BETWEEN SPRINKLERS SHALL BE A MINIMUM OF 6' AND A MAXIMUM OF 15'. AREA OF COVERAGE PER SPRINKLER SHALL BE 225 SQUARE FEET MAXIMUM FOR STANDARD SPACING AND MANUFACTURERS LISTING REQUIREMENTS FOR EXTENDED COVERAGE SPACING.

KITCHEN AND LIKE AREAS SHALL BE DESIGNED PER ORDINARY HAZARD GROUP I OCCUPANCY, WITH A MINIMUM DENSITY OF 0.15 GPM OVER THE HYDRAULICALLY MOST DEMANDING 1,500 SQUARE FEET. TEMPERATURE RATING OF THE SPRINKLERS SHALL BE 155° OR AS INDICATED ON DRAWINGS. SPACING BETWEEN SPRINKLERS SHALL BE A MINIMUM OF 6' AND A MAXIMUM OF 15'. AREA OF COVERAGE PER SPRINKLER SHALL BE 130 SQUARE FEET MAXIMUM.

MISCELLANEOUS STORAGE AND LIKE AREAS SHALL BE DESIGNED PER ORDINARY HAZARD GROUP II OCCUPANCY, WITH A MINIMUM DENSITY OF 0.20 GPM OVER THE HYDRAULICALLY MOST DEMANDING OPERATING AREA PER NFPA 13 201 19.3.3. TEMPERATURE RATING OF THE SPRINKLERS SHALL BE 155° OR AS INDICATED ON DRAWINGS. SPACING BETWEEN SPRINKLERS SHALL BE A MINIMUM OF 6' AND A MAXIMUM OF 15'. AREA OF COVERAGE PER SPRINKLER SHALL BE 130 SQUARE FEET MAXIMUM FOR STANDARD SPACING AND MANUFACTURERS LISTING REQUIREMENTS FOR EXTENDED COVERAGE SPACING.
4. THE SUPPORT SYSTEMS OF THE BUILDING SHALL HAVE ADEQUATE LOAD CARRYING CAPACITY FOR A 5.0 PSF DEAD LOAD WHICH WILL BE CONTRIBUTED BY THE FIRE SPRINKLER, MECHANICAL & ELECTRICAL SYSTEMS. THERE ARE NO SIGNIFICANT STRUCTURAL OPENINGS THAT WILL BE REQUIRED BY THE FIRE SPRINKLER SYSTEM. REFER TO STRUCTURAL DRAWINGS. IT IS THE RESPONSIBILITY OF ARCHITECT AND GENERAL CONTRACTOR TO CONFIRM THE 5.0 PSF EXTRA LOAD CARRYING CAPACITY FOR DISCIPLINES SECURED TO THE STRUCTURE.
5. THE FLOW SWITCH, SHALL BE LOCATED ON THE PROPOSED RISER ASSEMBLY SHALL BE CONNECTED TO THE BUILDING FIRE ALARM SYSTEM. THE TAMPER SWITCH, SHALL BE LOCATED ON THE PROPOSED RISER ASSEMBLY, SHALL BE CONNECTED TO THE BUILDING FIRE ALARM SYSTEM.
6. THIS BUILDING SHALL BE PROTECTED BY A WET PIPE AUTOMATIC SPRINKLER SYSTEM. THE FIRE PROTECTION CONTRACTOR'S SCOPE OF WORK SHALL INCLUDE THE PREPARATION OF FIRE PROTECTION SYSTEM LAYOUT DOCUMENTS THAT PROVIDES DETAILS ON THE LOCATION OF ARM-OVERS, BRANCHLINES, SPRINKLER HEADS, SIZING OF PIPE, HANGER LOCATION, AND, HYDRAULIC CALCULATIONS FOR FABRICATION AND INSTALLATION. THE ACCEPTANCE TESTING OF ALL FIRE PROTECTION SYSTEMS AND COMPONENTS SHALL BE IN ACCORDANCE WITH NFPA 13, 2019 EDITION FOR THE INSIDE (ABOVE GROUND) FIRE SPRINKLER SYSTEM.
7. THE FIRE SPRINKLER POINT OF SERVICE FOR THE PROJECT PER F.S. 633.021(18) IS AT THE DISCHARGE SIDE OF THE PROPOSED BACKFLOW PREVENTER, AS INDICATED ON THE CIVIL SITE DOCUMENTS PREPARED BY THE CIVIL ENGINEER OF RECORD. REFER TO THE HYDRAULIC REFERENCE SITE PLAN FOR ADDITIONAL INFORMATION FOR THE FIRE PROTECTION SYSTEM.
8. THE AWARDED CONTRACTOR SHALL OBTAIN AN APPROVED AHJ WATER SUPPLY SOURCE TEST PER NFPA 13 2019 4.6.1.1. AND INCLUDE WITH FIRE PROTECTION SYSTEM LAYOUT DOCUMENTS, HYDRAULIC CALCULATIONS AND MANUFACTURERS SPECIFICATION LITERATURE SHEETS. FIRE PROTECTION LAYOUT DRAWINGS AND MATERIAL SUBMITTALS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER AND FIRE MARSHAL AND SHALL BE APPROVED PRIOR TO BEGINNING ANY INSTALLATION.
9. WATER SUPPLIES AND ENVIRONMENTAL CONDITIONS SHALL BE EVALUATED FOR THE EXISTENCE OF MICROBES AND CONDITIONS THAT CONTRIBUTE TO MICROBIOLOGICALLY INFLUENCED CORROSION (MIC). WHERE CONDITIONS ARE FOUND THAT CONTRIBUTE TO MIC, THE OWNER SHALL NOTIFY THE ENGINEER OF RECORD AND A PLAN SHALL BE DEVELOPED TO TREAT THE SYSTEM.
10. THE QUALITY AND PERFORMANCE SPECIFICATIONS OF THE INTERIOR FIRE PROTECTION COMPONENTS SHALL BE MAIN PIPING TO BE GROOVED SCHEDULE 10 PIPE WITH GROOVED FITTINGS. BRANCH PIPING SHALL BE THREADED SCHEDULE 40 WITH THREADED CAST IRON FITTINGS OR GROOVED SCHEDULE 10 PIPE WITH GROOVED FITTINGS.
11. ALL FIRE PROTECTION SYSTEM COMPONENTS SHALL BE UL LISTED FOR INTENDED USE.
12. TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH CHAPTER 61G15-32 OF THE FLORIDA ADMINISTRATIVE CODE.
13. ALL FIRE PROTECTION WORK SHALL BE IN STRICT ACCORDANCE WITH ALL RELATED NFPA STANDARDS, THE OWNER'S INSURANCE UNDERWRITER, UNDERWRITERS LABORATORY, THE FLORIDA STATE FIRE PREVENTION CODE 2023 AND ALL LOCAL CODES AND AMENDMENTS.
14. FINAL INSPECTION AND APPROVAL OF AUTOMATIC SPRINKLER SYSTEM SHALL BE BY THE LOCAL FIRE MARSHAL (AHJ) AND ARCHITECT/ENGINEER.
15. THE CONTRACTOR SHALL FOLLOW THE DRAWINGS, NOTES AND SPECIFICATIONS AS CLOSE AS POSSIBLE. HOWEVER, THE ARCHITECT/ENGINEER RESERVES THE RIGHT TO CHANGE THE LOCATION(S) OF SPRINKLERS, PIPING, VALVES, ETC. TO ACCOMMODATE EXISTING CONDITIONS WHICH MAY ARISE DURING THE SYSTEM INSTALLATION WITHOUT ADDITIONAL COMPENSATION TO THE CONTRACTOR FOR SUCH CHANGES, PROVIDED SUCH CHANGES ARE REQUESTED PRIOR TO THE INSTALLATION OF THE CONTRACTOR'S WORK. COORDINATE WITH ALL OTHER TRADES.
16. THE BIDDER IS REQUIRED, BEFORE SUBMITTING HIS PROPOSAL, TO VISIT THE SITE OF THE PROPOSED WORK AND FAMILIARIZE HIMSELF WITH THE NATURE AND EXTENT OF THE WORK AND ANY EXISTING CONDITIONS THAT MAY IN ANY MANNER AFFECT THE WORK. TO BE DONE AND THE EQUIPMENT, MATERIALS AND LABOR REQUIRED. THE BIDDER IS ALSO REQUIRED TO EXAMINE CAREFULLY THE PLANS AND SPECIFICATIONS AND TO INFORM HIMSELF THOROUGHLY REGARDING ANY AND ALL CONDITIONS AND REQUIREMENTS THAT MAY IN ANY MANNER AFFECT THE WORK TO BE PERFORMED UNDER THIS CONTRACT.
17. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING DESCRIPTIONS AND HEIGHTS.
18. SPRINKLERS SHALL BE COORDINATED WITH ALL DIFFUSERS, SPEAKERS, LIGHTING FIXTURES, FIRE ALARM DEVICES, AND CEILING SYSTEMS. SPACING OF SPRINKLERS SHALL BE IN ACCORDANCE WITH NFPA 13 AND THE LISTING OF THE SPRINKLER.
19. SPRINKLERS SHALL BE CENTERED IN THE CEILING TILE AS INDICATED ON THE DRAWINGS. PROVIDE RETURN BENDS OR SWING JOINTS AS REQUIRED.
20. SLEEVE AND/OR FIRESTOP ALL PENETRATIONS THROUGH RATED WALLS, CEILINGS, AND FLOORS WITH UL LISTED ASSEMBLIES. FIRESTOP ASSEMBLIES SHALL BE EQUAL TO OR EXCEED THE RATING OF THE WALL, CEILING OR FLOOR. SEE ARCHITECTURAL DRAWINGS FOR FINAL FINISHES.
21. PROVIDE ACCESS PANELS TO ALL VALVES ABOVE NON-ACCESSIBLE CEILINGS AND CHASES.
22. PROVIDE A PERMANENTLY ATTACHED NAME TAG ATTACHED TO THE RISER STATING THE REQUIRED OR MODIFIED DESIGN CRITERIA FOR EACH HYDRAULICALLY DESIGNED SYSTEM.
23. PROVIDE SPRINKLERS CAGES ON ALL SPRINKLERS IN ELECTRIC ROOMS, TELEPHONE ROOMS, MECHANICAL ROOMS, GYMNASIUMS, AND ON ANY SPRINKLER LESS THAN 7'-0" ABOVE FLOOR.
24. COORDINATE SPRINKLER PIPING WITH ALL ELECTRICAL EQUIPMENT (PANELS, TRANSFORMERS, ETC.) PRIOR TO ANY INSTALLATION. DO NOT ROUTE ANY SPRINKLER PIPING OVER ANY ELECTRICAL PANELS UNDER ANY CIRCUMSTANCES. ANY SPRINKLER PIPING RUN OVER ELECTRICAL PANELS/EQUIPMENT SHALL BE REROUTED AT NO ADDITIONAL COST TO THE OWNER.
25. THE CONTRACTOR SHALL INFORM THE OWNER (A MINIMUM OF ONE WEEK IN ADVANCE) OF ANY DISRUPTION OF SERVICES TO THE BUILDING AND SHALL NOT PROCEED TO WORK WITHOUT WRITTEN APPROVAL FROM THE OWNER. THE CONTRACTOR SHALL MAKE REPAIRS TO ANY SERVICES (ABOVE OR BELOW GROUND) DAMAGED BY WORK PERFORMED BY HIM.
26. PROVIDE SPRINKLERS UNDER ALL EXPOSED DUCTWORK OVER 48" WIDE AND SPACE SPRINKLERS AROUND ALL OBSTRUCTIONS WITH NFPA 13. SPRINKLERS UNDER DUCTWORK ARE NOT INDICATED ON THE DRAWINGS BUT ARE REQUIRED AND SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 13. SPRINKLERS LOCATED UNDER DUCTWORK AND AROUND OBSTRUCTIONS SHALL BE GOVERNED BY FINAL INSTALLED LOCATIONS OF THE DUCT OR OBSTRUCTION.

FIRE PROTECTION CODE CRITERIA

THE FOLLOWING IS A LIST OF ALL CODES AND STANDARDS ADOPTED DECEMBER 31, 2023 BY THE STATE FIRE MARSHAL'S RULE 69A3.012 F.A.C.:

FLORIDA BUILDING CODE, EIGHTH EDITION (2023) – ALL SECTIONS
FLORIDA FIRE PREVENTION CODE, EIGHTH EDITION (2023)
FLORIDA BUILDING CODE (FBC), EIGHTH EDITION (2023) ENERGY CONSERVATION SOFTWARE: ENERGY GAUGE SUMMIT VERSION 6.10
FLORIDA BUILDING CODE (FBC), EIGHTH EDITION (2023) ACCESSIBILITY – FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION

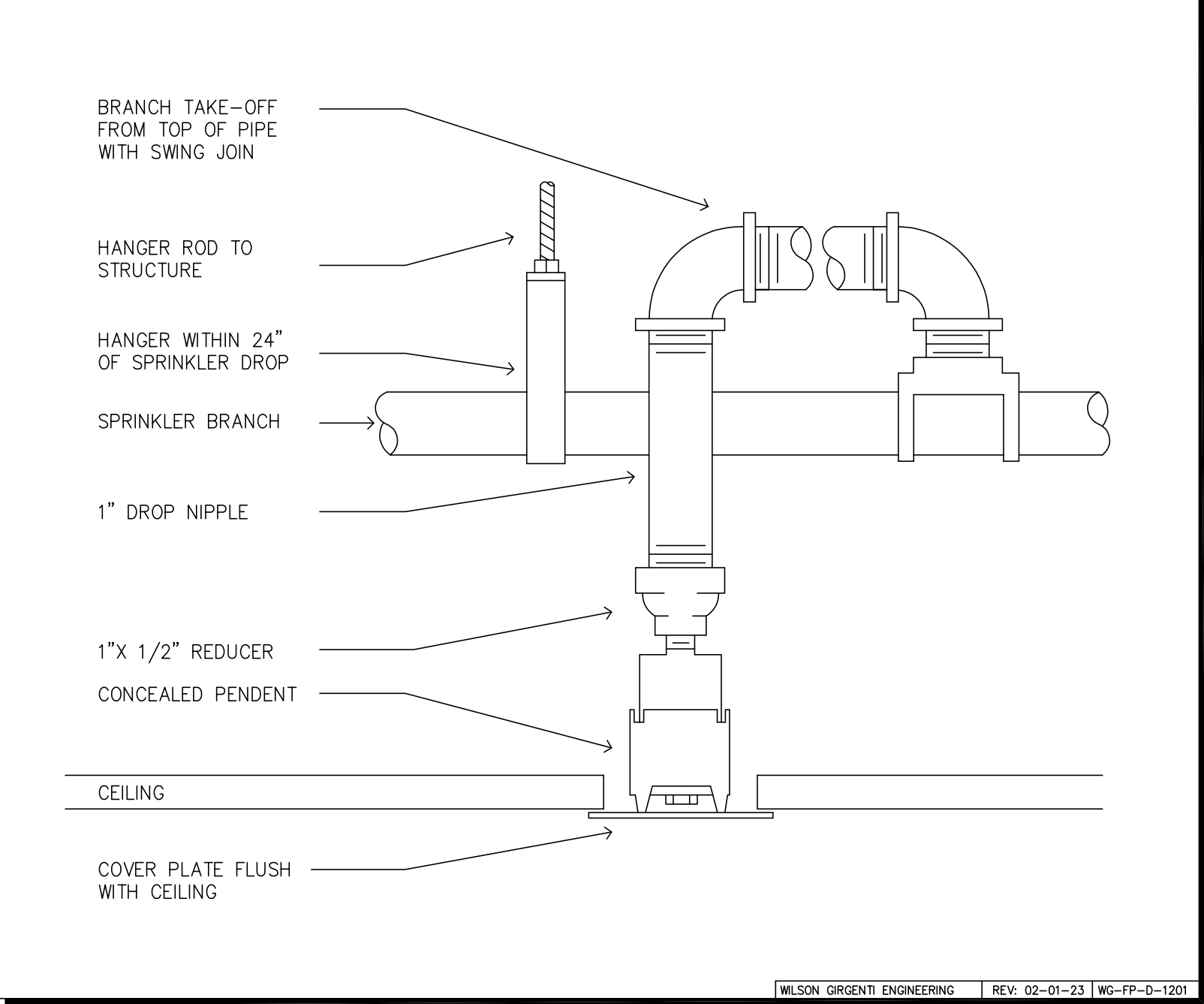
(1) EXCEPT AS SPECIFICALLY MODIFIED BY STATUTE OR BY THE STATE FIRE MARSHAL'S RULES, THE "FLORIDA FIRE PREVENTION CODE, 8TH EDITION (2023)," WHICH IS COMPRISED OF THE FLORIDA SPECIFIC EDITION OF NFPA 101, THE LIFE SAFETY CODE (2021 EDITION) AND THE FLORIDA SPECIFIC EDITION OF NFPA 1, THE FIRE CODE (2021 EDITION), ARE HEREBY ADOPTED AND INCORPORATED BY REFERENCE AND ARE APPLICABLE TO THOSE BUILDINGS AND STRUCTURES SPECIFIED IN PARAGRAPHS (A) AND (B), OF SUBSECTION (1), OF SECTION 633.206, F.S. IN ADDITION, THE FOLLOWING STANDARDS, EXCEPT AS SPECIFICALLY MODIFIED IN THE RULE CHAPTERS IN RULE TITLE 69A, ARE HEREBY ADOPTED AND INCORPORATED BY REFERENCE AND SHALL TAKE EFFECT ON THE EFFECTIVE DATE OF THIS RULE, AS A PART OF THE UNIFORM FIRE SAFETY STANDARDS ADOPTED BY RULE BY THE STATE FIRE MARSHAL AND ARE APPLICABLE TO THOSE BUILDINGS AND STRUCTURES SPECIFIED IN SECTIONS 633.206(1)(A) AND (B), F.S.:

NFPA 1–2021	FIRE CODE
NFPA 13–2019	STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
NFPA 25–2020	STANDARD FOR THE INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS
NFPA 70–2020	NATIONAL ELECTRIC CODE
NFPA 72–2019	NATIONAL FIRE ALARM CODE
NFPA 101–2021	LIFE SAFETY CODE
NFPA 241–2019	STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS

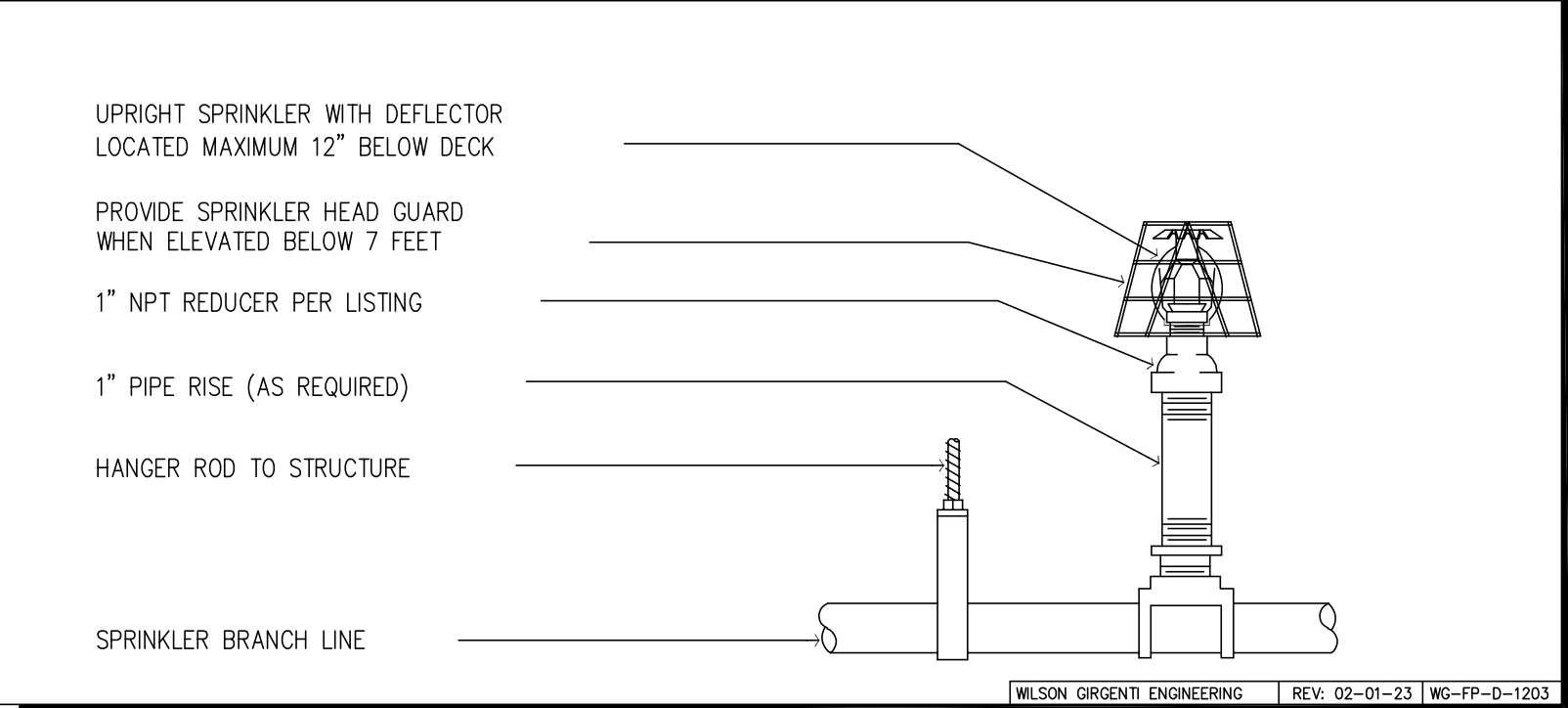
FIRE PROTECTION BASIS OF DESIGN NOTE:

- 1.1 COUPLINGS AND FITTINGS
A. GROOVED JOINT COUPLINGS: SHALL CONSISTS OF ONLY TWO DUCTILE IRON HOUSING SEGMENTS CONFIRMING TO ASTM A536, GRADE 65–45–12; COUPLINGS WHICH REQUIRE EXACT GAPPING AT SPECIFIC TORQUE RATINGS ARE NOT PERMITTED.
1. RIGID TYPE: BASIS OF DESIGN, VICTAULIC INSTALLATION-READY STYLE 108, 109, 009N, 107N
2. FLEXIBLE TYPE BASIS OF DESIGN: VICTAULIC STYLE 004, 75, 77, 177
- B. GROOVED END FITTINGS: DESIGNED TO ACCEPT GROOVED COUPLINGS OF SAME MANUFACTURER; SHALL BE CAST OF DUCTILE CONFORMING TO ASTM A-536, GRADE 65–45–12. BASIS OF DESIGN: VICTAULIC FIRELOCK SHORT RADIUS, INSTALLATION-READY, INNOVATIVE GROOVED FITTINGS, OR VICTAULIC STANDARD RADIUS.
- C. FLEXIBLE SPRINKLER FITTINGS: IN LIEU OF RIGID PIPE OFFSETS OR RETURN BENDS FOR SPRINKLER DROPS, VICFLEX (TM) FLEXIBLE SPRINKLER FITTINGS MAY BE USED TO LOCATE SPRINKLERS AS REQUIRED BY FINAL FINISHED CEILING PANELS/TILES AND THE WALLS.
- 1.2 SPRINKLERS
A. CORROSIVE ENVIRONMENTS: BODY SHALL BE COATED WITH UL AND FM APPROVED ANTI-CORROSION COATING, BASIS OF DESIGN VICTAULIC VC-250 COATING (SILVER / CHROME COLORING).
- B. GROOVED SPRINKLERS: 3/2" (DN15), 3/2" (DN20), AND 1" (DN25) VICTAULIC GROOVED SPRINKLERS MAY BE USED IN LIEU OF THREADED SPRINKLERS TO PROVIDE CONNECTION TO ICS GROOVED SPRINKLER OUTLETS USING THE INSTALLATION READY STYLE V9 SPRINKLER COUPLING.
- C. COLD STORAGE FREEZERS: TO ELIMINATE ICE FORMATION RESULTING FROM DIFFERENTIAL MOVEMENT OF CEILINGS AND WALLS, ONE PIECE DRY SPRINKLER BRACKET ASSEMBLY CONTAINING AN INTEGRATED EPDM GASKET SEAL WITH A FLEXIBLE FITTING CONNECTION SHALL BE CONSIDERED. BASIS OF DESIGN VICTAULIC AB6 DRY SPRINKLER ASSEMBLY.
- D. MISSION CRITICAL, IT/DATA ROOMS: TO PREVENT WATER FROM ENTERING SPRINKLER OFFSETS AND RETURN BENDS LOCATED OVER MISSION CRITICAL EQUIPMENT, A FLEXIBLE DRY SPRINKLER HEAD CAN BE INSTALLED TO ENSURE WATER ONLY ENTERS THROUGH PIPE IN DRY SPRINKLER OPERATION (IN WHICH THE SPRINKLER HEAD HAS BEEN ACTUATED). BASIS OF DESIGN VICTAULIC V51 FLEXIBLE DRY SPRINKLER.
- E. GUARDS AND ESCUTCHEONS: SHALL BE LISTED, SUPPLIED AND APPROVED FOR USE WITH THE SPRINKLER MODEL AND SPRINKLER MANUFACTURER.
- F. WRENCHES SHALL BE PROVIDED BY THE SPRINKLER MANUFACTURER AS THE SPRINKLER HEAD(S).

TYPICAL CONCEALED SPRINKLER (ARM-OVER)

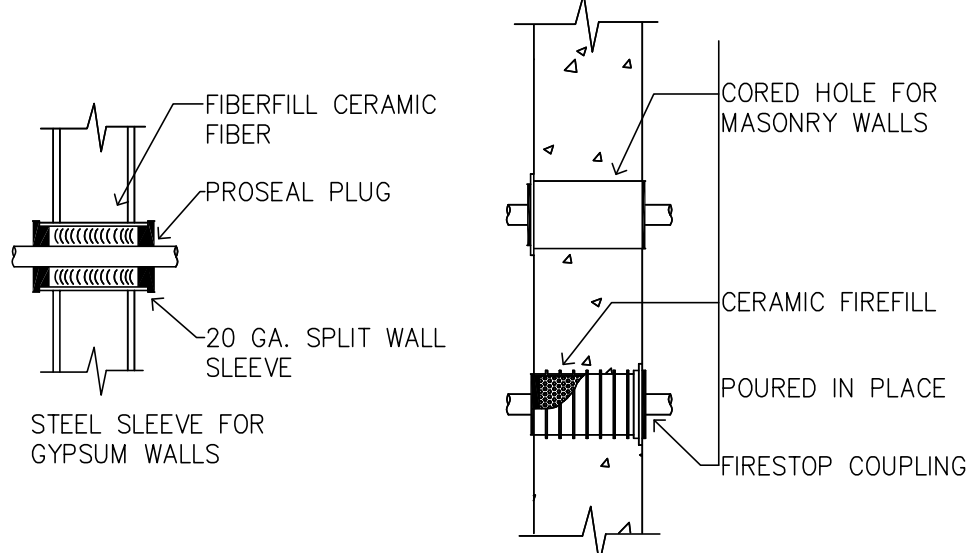


TYPICAL UPRIGHT SPRINKLER



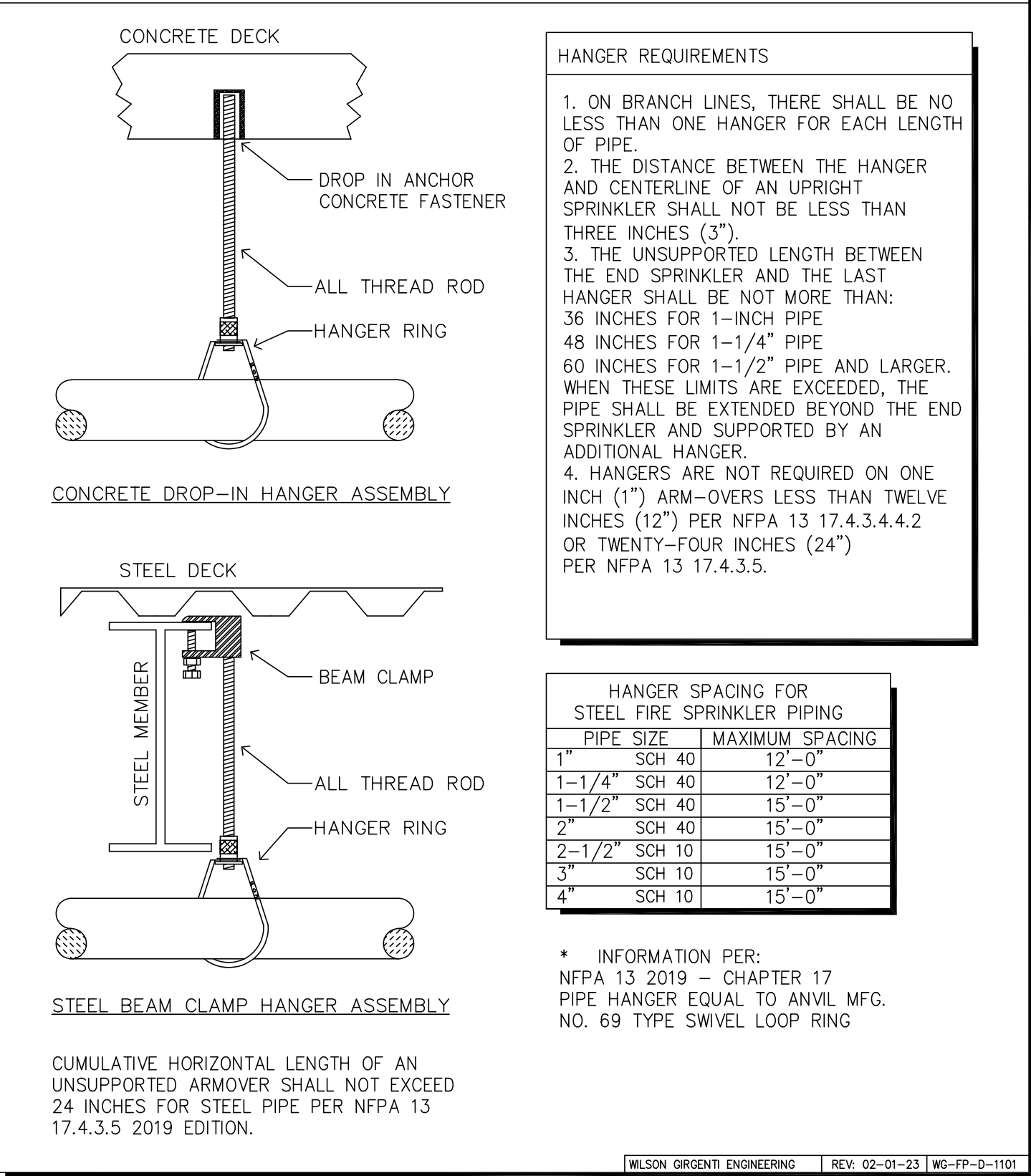
FIRE RATED WALL SLEEVING SYSTEM

PROVIDE SLEEVES FOR ALL NEW AND EXISTING SPRINKLER PIPING PENETRATING NEW AND EXISTING FIRE RATED WALLS THE RENOVATED AREAS. CUT AND REWORK EXISTING PIPING AS REQUIRED FOR INSTALLATION OF SLEEVE.



SLEEVES & FIRESTOPPING
USE PROSET "FIRESTOP PENETRATIONS". UL CLASSIFIED IN THE DIRECTORY. TESTED BY ASTM E814. USE ALL APPLICABLE PIPE PENETRATIONS THROUGH FIRE RATED WALL(S) OR FLOOR/CEILING ASSEMBLIES IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.

TYPICAL NEW HANGER ASSEMBLY (CONCRETE & STEEL)



HANGER REQUIREMENTS

1. ON BRANCH LINES, THERE SHALL BE NO LESS THAN ONE HANGER FOR EACH LENGTH OF PIPE.
2. THE DISTANCE BETWEEN THE HANGER AND CENTERLINE OF AN UPRIGHT SPRINKLER SHALL NOT BE LESS THAN THREE INCHES (3").
3. THE UNSUPPORTED LENGTH BETWEEN THE END SPRINKLER AND THE LAST HANGER SHALL BE NOT MORE THAN: 36 INCHES FOR 1-INCH PIPE 48 INCHES FOR 1-1/4" PIPE 60 INCHES FOR 1-1/2" PIPE AND LARGER. WHEN THESE LIMITS ARE EXCEEDED, THE PIPE SHALL BE EXTENDED BEYOND THE END SPRINKLER AND SUPPORTED BY AN ADDITIONAL HANGER.
4. HANGERS ARE NOT REQUIRED ON ONE INCH (1") ARM-OVERS LESS THAN TWELVE INCHES (12") PER NFPA 13 17.4.3.4.4.2 OR TWENTY-FOUR INCHES (24") PER NFPA 13 17.4.3.5.

HANGER SPACING FOR STEEL FIRE SPRINKLER PIPING		
PIPE SIZE	SCH	MAXIMUM SPACING
1"	SCH 40	12'-0"
1-1/4"	SCH 40	12'-0"
1-1/2"	SCH 40	15'-0"
2"	SCH 40	15'-0"
2-1/2"	SCH 10	15'-0"
3"	SCH 10	15'-0"
4"	SCH 10	15'-0"

* INFORMATION PER:
NFPA 13 2019 – CHAPTER 17
PIPE HANGER EQUAL TO ANVIL MFG.
NO. 69 TYPE SWIVEL LOOP RING

THE WAREHOUSE
A RENOVATION AT:
1916 E 136 AVE
TAMPA, FL 33613
FOR:
UNIVERSITY AREA COMMUNITY
DEVELOPMENT CORP (UACDC)

NO.	ISSUE DESCRIPTION	DATE
05	100% CD SET	03-21-24
06	HILLS CTY PPR	06-13-24
07	PERMIT SET	09-25-24
08	PERMIT SET REV 01	01-08-25
09	BIDDING DOCUMENTS	04-18-25

PROFESSIONAL SEAL

DRAWN: WG
REVIEWED: WG
PROJECT NO: 1805

FIRE PROTECTION
NOTES & DETAILS

FP0.0

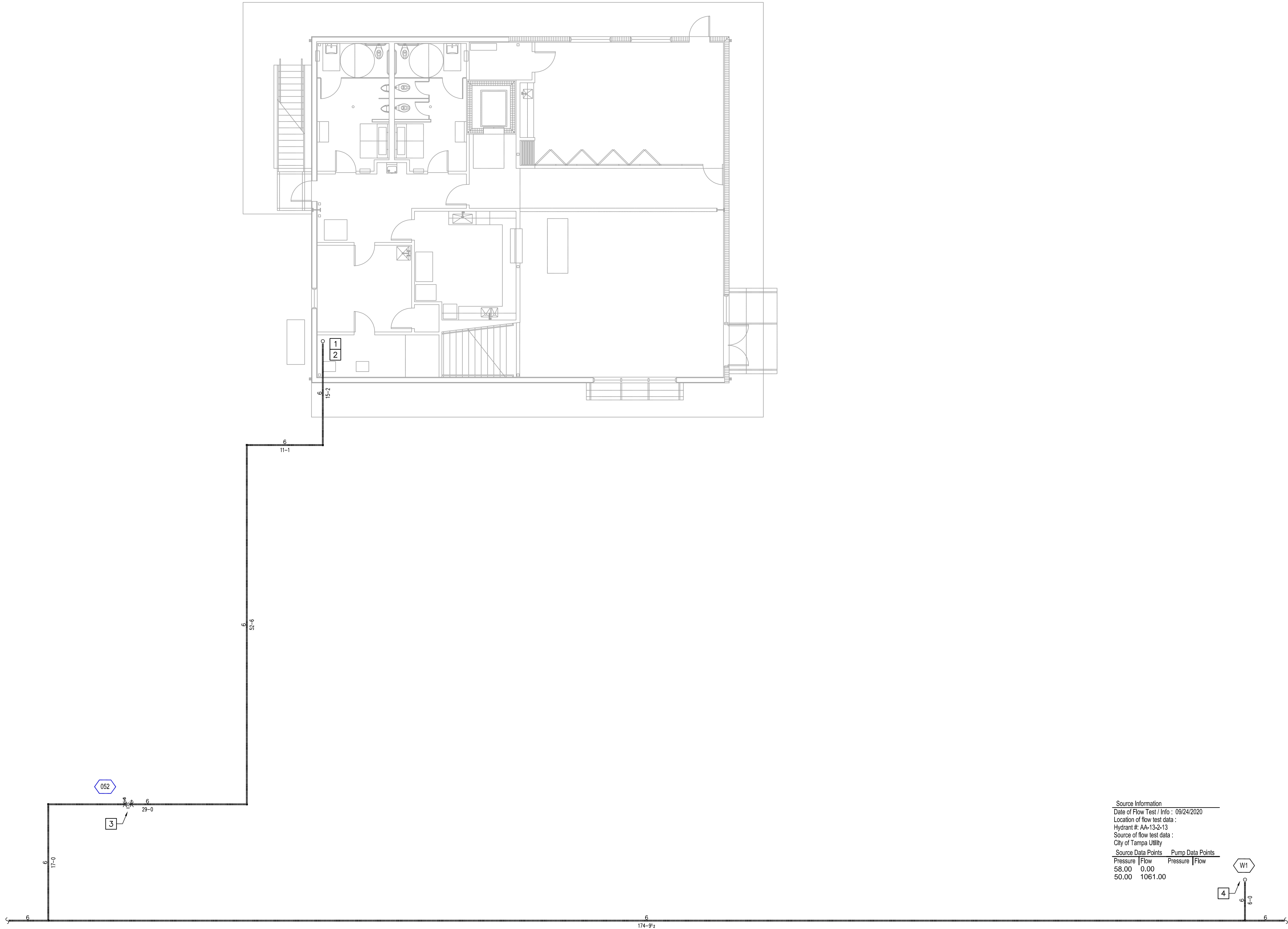
DRAWING INDEX

FP0.0	FIRE PROTECTION NOTES & DETAILS
FP1.0	FIRE PROTECTION PLAN FIRST AND SECOND FLOOR
FP2.0	FIRE PROTECTION HYDRAULIC NODE REFERENCE PLAN



504 E. TYLER STREET
TAMPA, FL 33602
WORKWITHWG.COM
813.855.3330

C.O.A. #26759



FIRE PROTECTION HYDRAULIC NODE REFERENCE PLAN

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

FIRE PROTECTION PLAN CODED NOTES:

- 1 NEW 3" FIRE RISER WITH REMOTE FDC. SEE "NEW 3" VICTAULIC U.M.C." DETAIL ON THIS SHEET.
- 2 NEW 6" UNDERGROUND LINE, SEE FP2.0 FOR CONTINUATION.
- 3 NEW 6" DOUBLE DETECTOR CHECK VALVE ASSEMBLY BACKFLOW PREVENTER.
- 4 EXISTING FIRE HYDRANT.

Source Information
Date of Flow Test / Info : 09/24/2020
Location of flow test data :
Hydrant # AA-13-2-13
Source of flow test data :
City of Tampa Utility
Source Data Points Pump Data Points
Pressure | Flow Pressure | Flow
58.00 0.00
50.00 1061.00

WT

4



504 E. TYLER STREET
TAMPA, FL 33602
WORKWITHWG.COM
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C.O.A. #26759

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09	BIDDING DOCUMENTS	04-18-25

PROFESSIONAL SEAL

DRAWN: WG
REVIEWED: WG
PROJECT NO: 1905

FIRE PROTECTION
HYDRAULIC NODE
REFERENCE PLAN

FP2.0