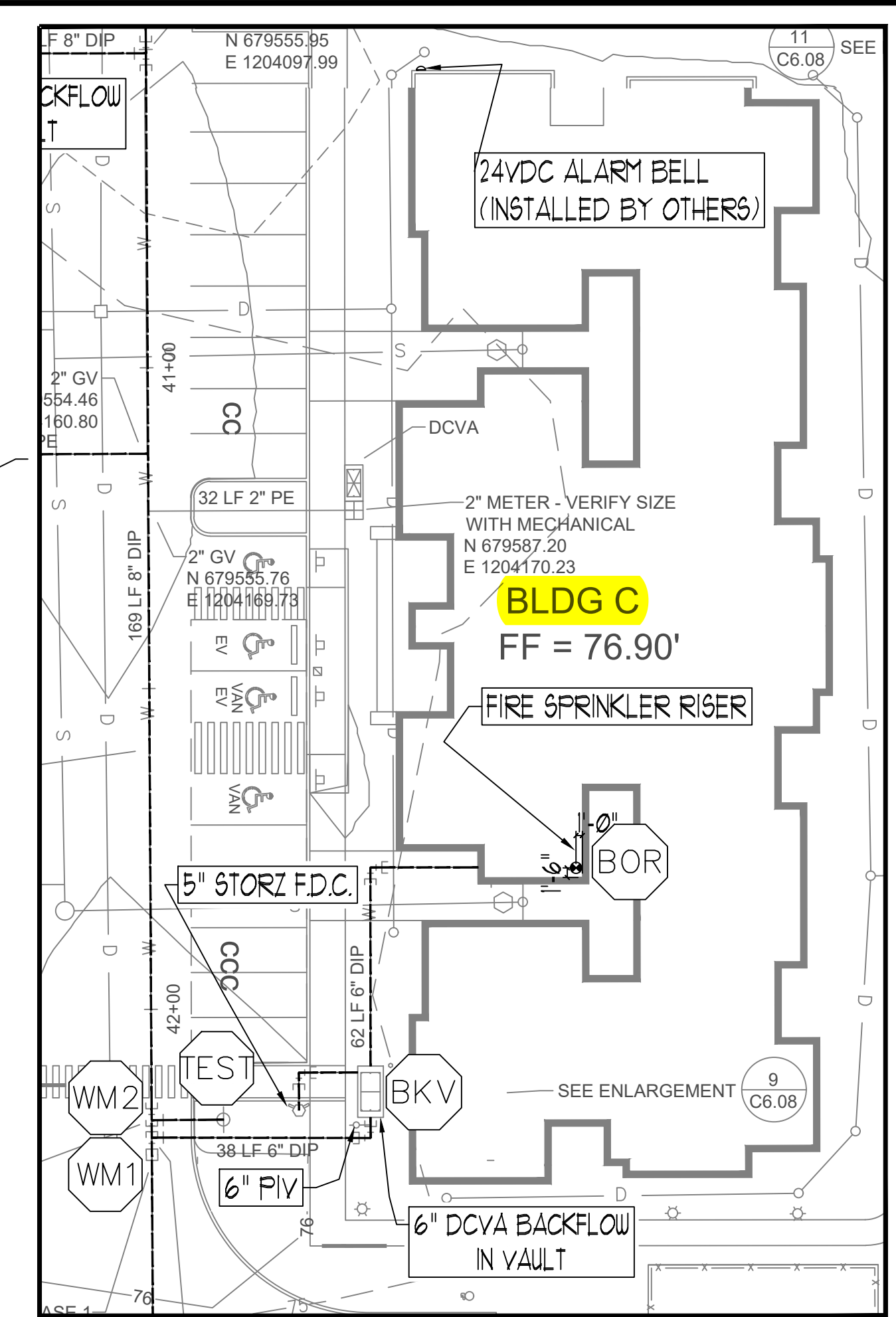


SITE PLAN
SCALE: 1" = 40'-0"



BUILDING-C SITE PLAN
SCALE: 1" = 20'-0"



VICINITY MAP
SCALE: NTS

FLOW TEST INFORMATION

STATIC	40 PSI
RESIDUAL	25 PSI
FLOWING	1560 GPM
LOCATION	AT SITE
BY WHO	CITY OF PUYALLUP WATER DIVISION

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

City of Puyallup
Fire REVIEWED FOR COMPLIANCE
DDrake
02/19/2025
10:44:19 AM

THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.

Approval of submitted plans is not an approval of omissions or oversight by this office or noncompliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable building codes and regulations of the local government.

SPRINKLER HEAD SCHEDULE

SYMBOL	COUNT	THREAD	K-FACTOR	DESCRIPTION	NOTE
⊙	262	1/2"	4.9	HEAD1= VIKING VK468 WHITE RESIDENTIAL RECESSED PENDENT 175°F.	on Drop
◀	48	1"	5.6	SIDE1= VIKING VK178 QR CHROME DRY HORIZONTAL SIDEWALL 200°F.	

310 = TOTAL NUMBER OF HEADS BUILDING C

PROJECT: EAST TOWN CROSSING BUILDING C
ADDRESS: 2902 E PIONEER PUYALLUP, WA 98372
CITY: PUYALLUP
TITLE: FIRE SPRINKLER SITE PLAN DRAWING

REVISIONS: [Table with columns for REVISIONS, DISCREPTION, DATE]

GENERAL: R & R CONSTRUCTION CONSULTING LLC
ADDRESS: 7809 PACIFIC AVE TACOMA, WA 98408
SUPER: ADAM RAYGOR
JOB PHONE: 253-961-9976
FIELD INSPECTIONS

NAME: CITY OF PUYALLUP
PHONE: (253) 864-4165

STANDARD SYMBOLS: [Table with symbols for Pipe Coupling, Pipe Drop, Pipe Rise, etc.]

WA. STATE LEVEL 3 STAMP

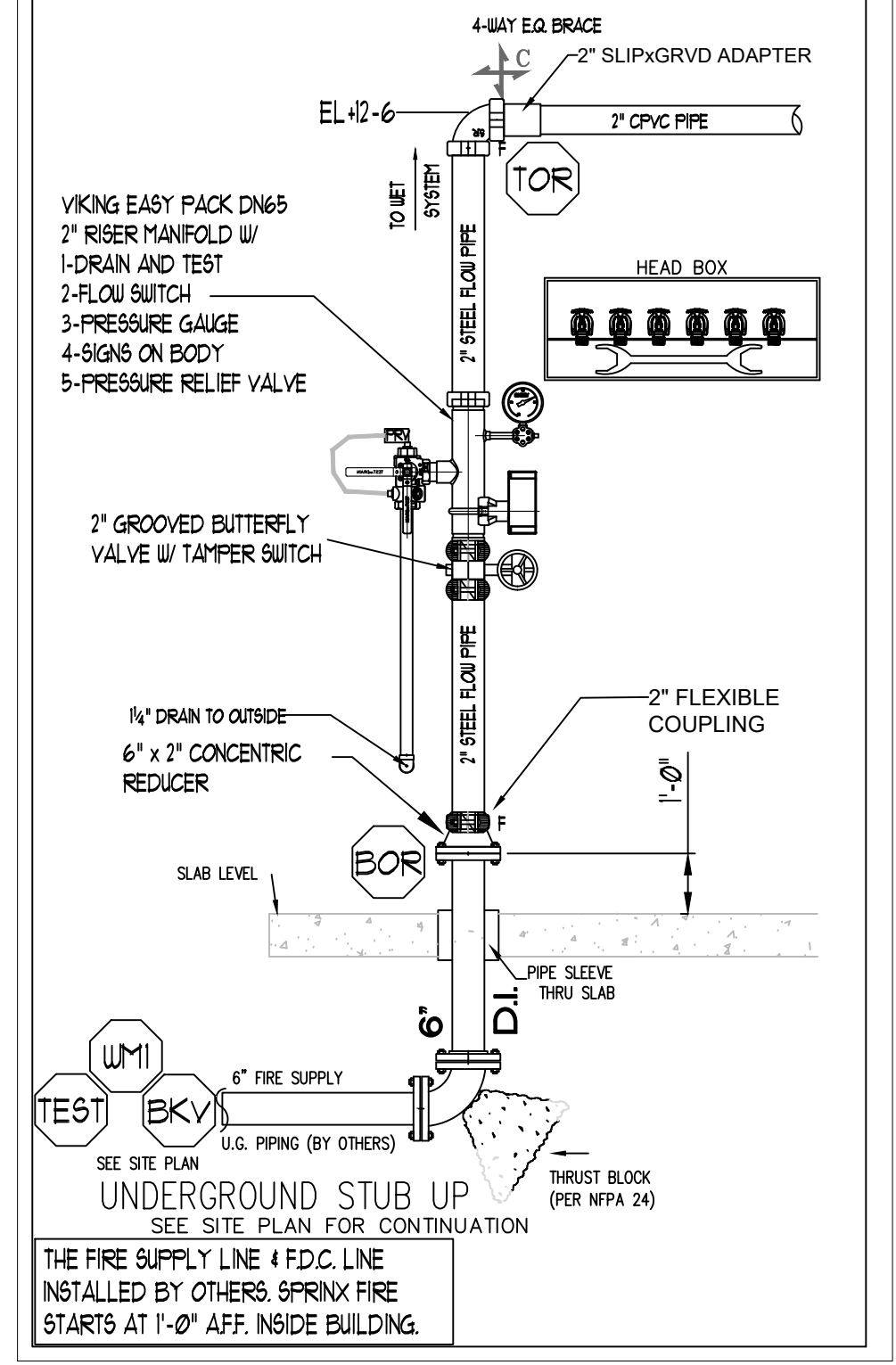
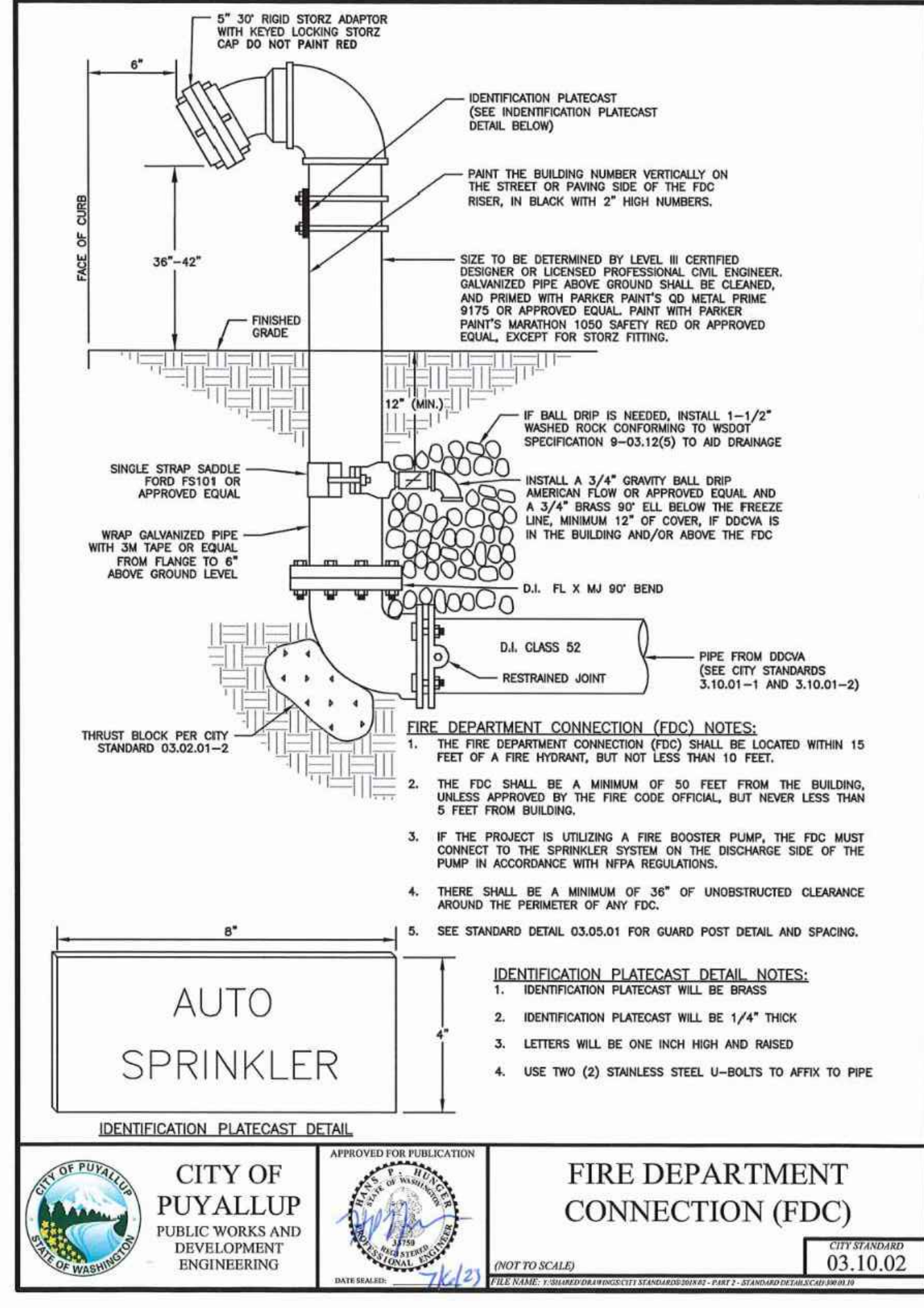
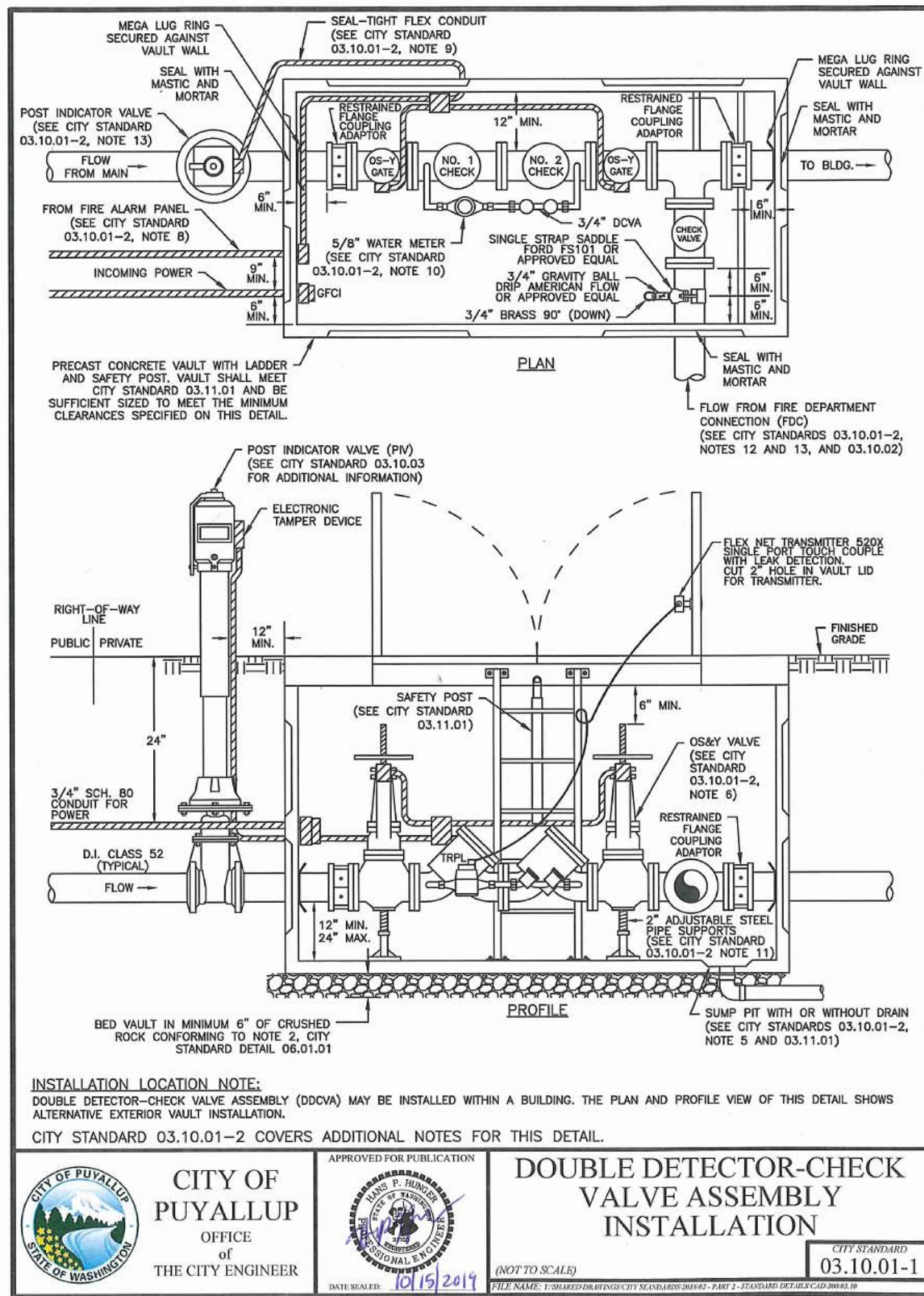
Expires 06-30-25
WASHINGTON STATE CERTIFICATE OF COMPETENCY FIRE SPRINKLER SYSTEMS
Joseph G. Faulkner
9451-0699-CEG Level 3
SPRINKPRO11LS
Signature: [Signature] Date: 02/19/2025

Project No: 24-093CM
Sheet Title: SITE PLAN

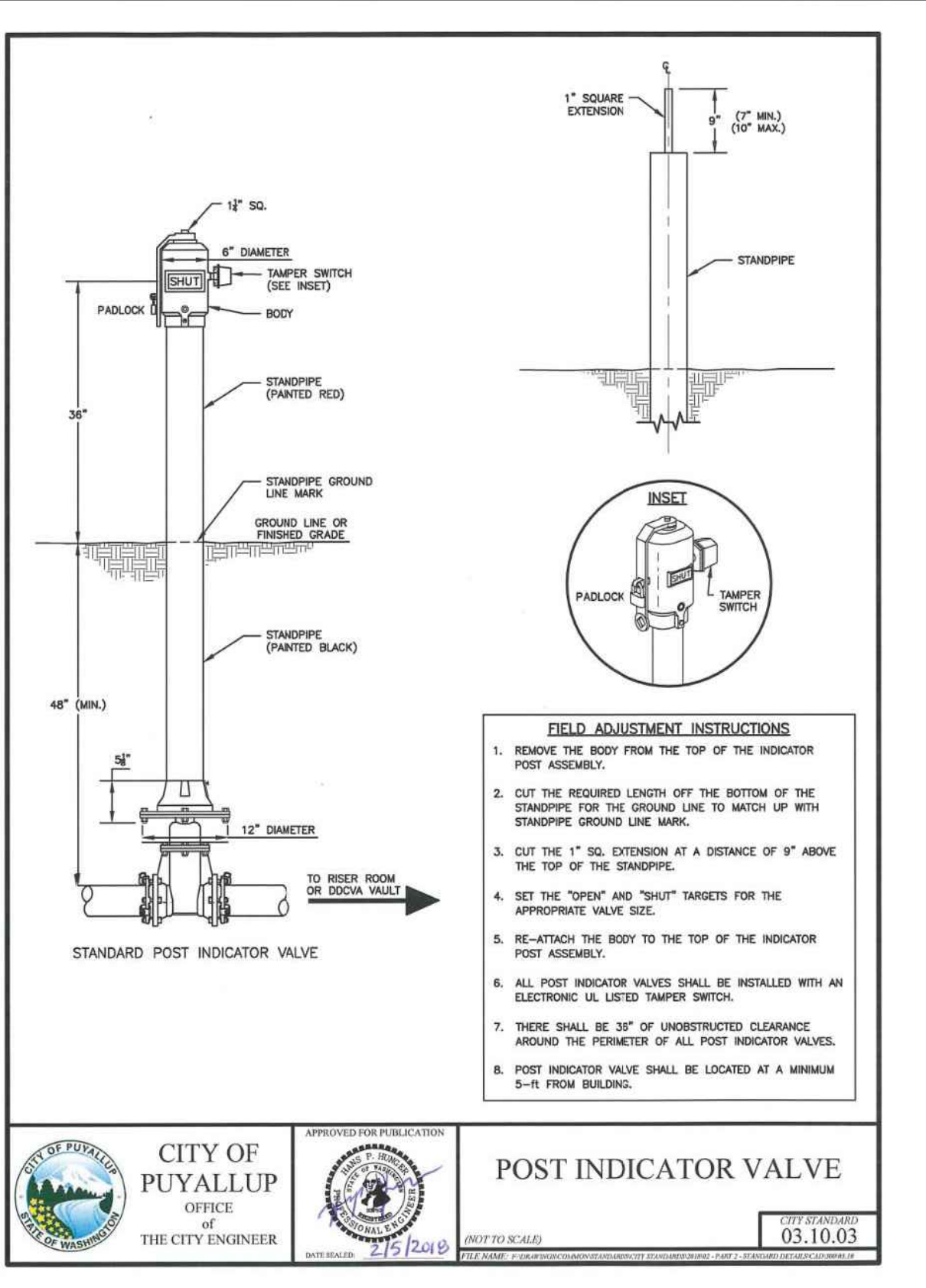
Scale: 1" = 40'-0"

FP-1.0

File Name: ETC SITE PLAN.dwg



- UNDERGROUND NOTES:**
- 1) ALL UNDERGROUND BY OTHERS. CONTRACTOR TO BE STATE LICENSED AND CERTIFIED TO INSTALL UNDERGROUND PIPING PER WAC 212-80.
 - 2) PIPE TYPE AND CLASS TO MEET LOCAL JURISDICTION APPROVAL.
 - 3) ALL UNDERGROUND PIPING SHALL HAVE A MINIMUM 3'-0" BURY.
 - 4) ALL UNDERGROUND PIPING SHALL BE U.L. LISTED AND/OR FM APPROVED FOR FIRE PROTECTION.
 - 5) ALL UNDERGROUND PIPING SHALL BE RODDED AND/OR BLOKED IN ACCORDANCE WITH THE SPECIFICATIONS AND NFPA 24.
 - 6) ALL UNDERGROUND PIPING SHALL BE HYDROSTATICALLY TESTED AT NOT LESS THAN 200 PSI FOR TWO HOURS IN ACCORDANCE WITH NFPA 24.
 - 7) ALL UNDERGROUND PIPING SHALL BE FLUSHED IN ACCORDANCE WITH NFPA 24. FLOW THE REQUIRED RATE UNTIL WATER IS CLEAR AS INDICATED BY NO COLLECTION OF FOREIGN MATERIAL IN BURLAP BAGS AT OUTLETS.
4" - 390 GPM 10" - 2,400 GPM
6" - 880 GPM 12" - 3,520 GPM
8" - 1,560 GPM
 - 8) ALL UNDERGROUND INSTALLATION AND TESTING TO BE WITNESSED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
 - 9) WHERE PIPES PASSES THROUGH HOLES IN FOUNDATIONS, WALLS, OR FLOORS, THE HOLES OR SLEEVE SHALL BE SIZED 4 IN. LARGER THAN THE SUPPLY PIPE SIZE ON PIPES SIZED 4" OR LARGER.



CITY OF PUYALLUP
PUBLIC WORKS AND DEVELOPMENT ENGINEERING

FIRE DEPARTMENT CONNECTION (FDC)
CITY STANDARD 03.10.02

PROJECT: EAST TOWN CROSSING BUILDING C
ADDRESS: 2902 E PIONEER
CITY: PUYALLUP, WA 98372
TITLE: SITE DETAILS

REVISIONS:

NO.	DATE	DESCRIPTION

GENERAL: R & R CONSTRUCTION CONSULTING LLC
ADDRESS: 7809 PACIFIC AVE
CITY: TACOMA, WA 98408
SUPER: ADAM RAYGOR
JOB PHONE #: 253-961-9976

FIELD INSPECTIONS:
CITY OF PUYALLUP
PHONE #: (253) 864-4165

STANDARD SYMBOLS:

Symbol	Pipe Coupling
Symbol	Pipe Drop
Symbol	Pipe Rise
Symbol	Pipe End Cap
Symbol	2-WAY EARTHQUAKE BRACE
Symbol	4-WAY EARTHQUAKE BRACE
Symbol	PIPE HANGER
Symbol	Hydraulic Reference Points
Symbol	Elev. Below Top of Steel
Symbol	Elev. Above Finished Floor
Symbol	Colling Height

WA. STATE LEVEL 3 STAMP

WASHINGTON STATE CERTIFICATE OF COMPETENCY FIRE SPRINKLER SYSTEMS
Expires 03/31/24
Joseph G. Faulkner
9451-0509-C2C Level 3
Sprinx Fire Protection, Inc.
SPRINF011LS
Joseph G. Faulkner 01/15/2024

City of Puyallup Development & Permitting Services ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

SCALE: 1/8" = 1'-0"
Project No: 24-093CM
Sheet Title: DETAILS

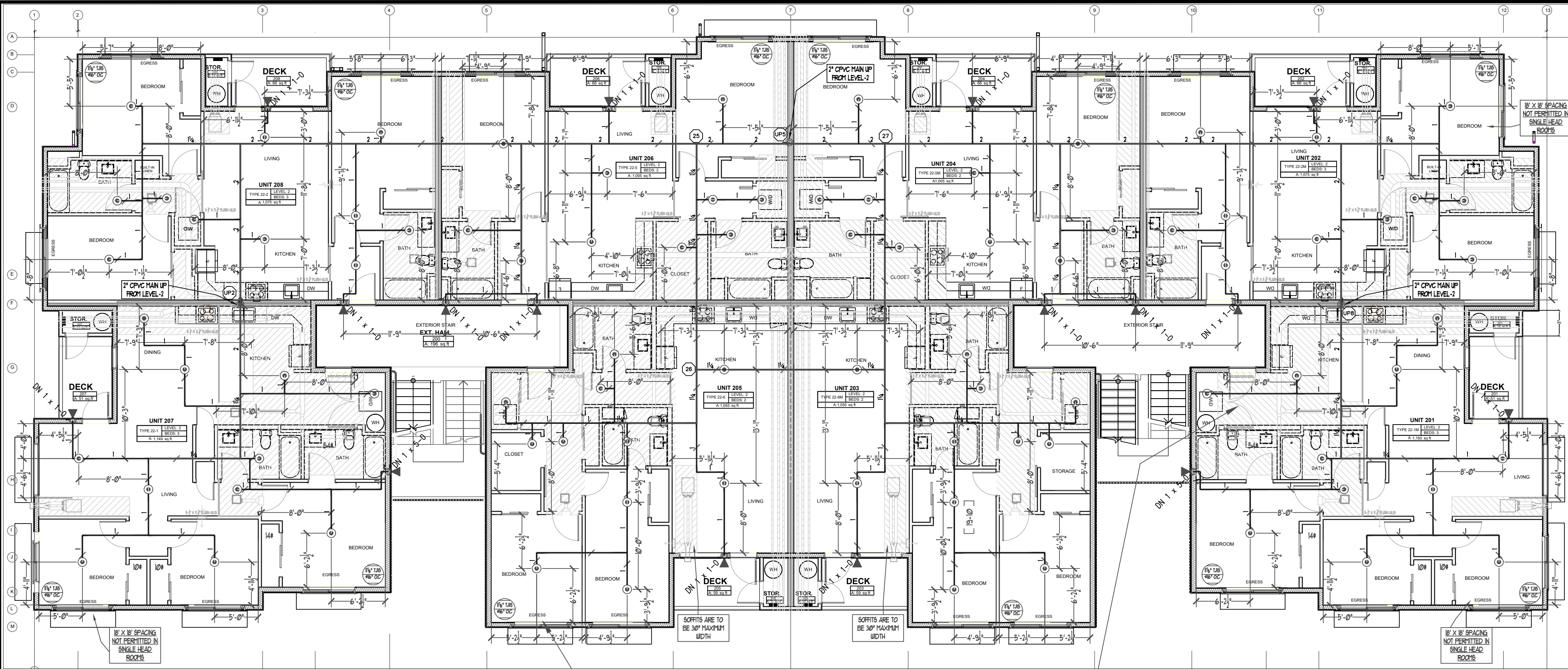
FP-1.1

File Name: ETC SITE PLAN.dwg

SPRINKLER HEAD SCHEDULE

SYMBOL	COUNT	THREAD	K-FACTOR	DESCRIPTION	NOTE
⊙	262	1/2"	4.9	HEAD1= VIKING VK468 WHITE RESIDENTIAL RECESSED PENDENT 175°F.	on Drop
◀	48	1"	5.6	SIDE1= VIKING VK178 QR CHROME DRY HORIZONTAL SIDEWALL 200°F.	

310 = TOTAL NUMBER OF HEADS BUILDING C

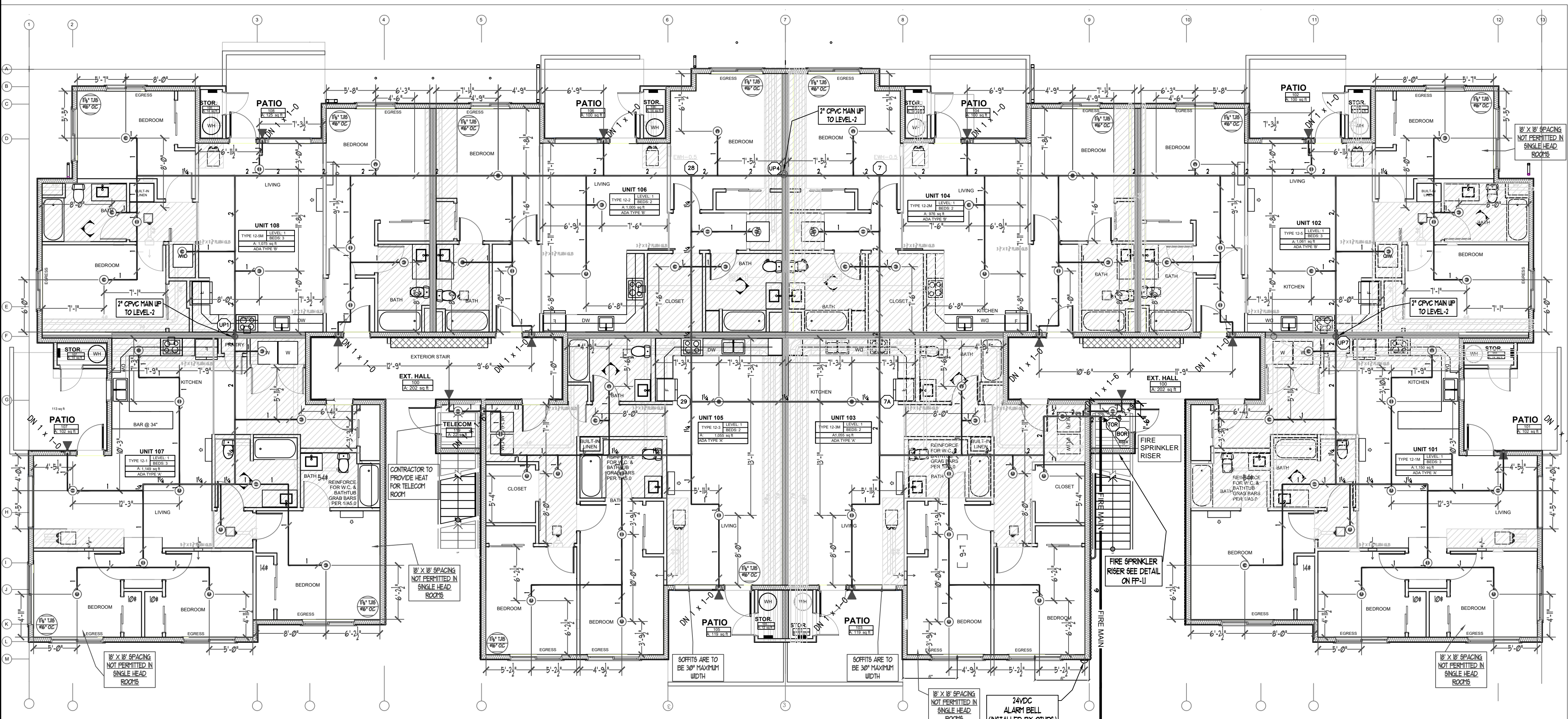


LEVEL-2 FIRE SPRINKLER PLAN
 SCALE: 1/8" = 1'-0"
 PROJECT NORTH

CONTRACTOR TO POSITION 2-4 LIGHTS IN ALL BEDROOMS OFF CENTER BY MINIMUM OF 3'-0" TO ALLOW PROPER CLEARANCES TO FIRE SPRINKLERS.

CONTRACTOR TO POSITION ALL COMMON SPACE LIGHTING IN ACCORDANCE WITH NFPA 13

RESIDENTIAL SPRINKLERS
 MAXIMUM SPACING 16' X 16'



LEVEL-1 FIRE SPRINKLER PLAN
 SCALE: 1/8" = 1'-0"
 PROJECT NORTH

CONTRACTOR TO PROVIDE HEAT FOR TELECOM ROOM

DROPPED CEILING

SCOPE OF WORK

INSTALL AUTOMATIC WET FIRE SPRINKLER SYSTEM FOR MULTI-FAMILY DWELLING IN ACCORDANCE WITH NFPA 13R 2019 EDITION AND LOCAL AUTHORITY.

GENERAL NOTES

- ALL PIPING AND SPRINKLERS SHALL BE U.L. LISTED AND/OR F.M. APPROVED, AND SHALL BE NEW AND FREE OF DEFECTS.
- HANGER TYPES AND SPACING SHALL BE INSTALLED PER NFPA 13R AND MANUFACTURER'S LISTING.
- SPRINKLER LOCATIONS AND SPACING PER NFPA 13R AND MANUFACTURER'S LISTING. ANY AND ALL ALARM SYSTEM WIRING AND INSTALLATION IS BY OTHERS.
- ALL DRILLING AND BORING OF HOLES SHALL BE DONE IN STRICT ACCORDANCE WITH THE STRUCTURAL ENGINEER'S REQUIREMENTS. DO NOT UNDER ANY CIRCUMSTANCES CUT OR MODIFY PRE-MANUFACTURED TRUSSES.
- INSTALLER SHALL VERIFY FINISH CEILING ELEVATION, OBSTRUCTIONS, LIGHT FIXTURES, CABINETS, ETC PRIOR TO INSTALLATION OF SPRINKLER HEADS. ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE FIRE STOPPED. FIRE STOPPING MATERIAL SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTION BY OTHERS.
- SPRINKLER PIPE SIZING HAS BEEN ESTABLISHED BY HYDRAULIC CALCULATIONS. IT IS THE OWNER'S RESPONSIBILITY TO PROVIDE A RELIABLE WATER SUPPLY THAT IS CAPABLE OF MEETING THE MOST DEMANDING AREA.

PROJECT DETAILS

NFPA CODE: 13R 2019
 SYSTEM TYPE: WET SYSTEM
 PIPE TYPE: AZEMASTER CPVC
 MAX SPRINKLER SPACING REQUIREMENTS: 16'x16' @13 GPM
 MINIMUM SPRINKLER SPACING: 8' BETWEEN SPRINKLERS
 MINIMUM DESIGN DENSITY: 0.05 GPM/SQ.FT.

NFPA & AHJ REQUIREMENTS

- THE DESIGN DISCHARGE SHALL BE ALL OF THE SPRINKLERS WITHIN A SINGLE COMPARTMENT, UP TO A MAXIMUM OF FOUR SPRINKLERS, THAT REQUIRE THE GREATEST HYDRAULIC DEMAND.
- SPRINKLERS SHALL NOT BE REQUIRED IN BATHROOMS OF 55 SQ. FT. AND LESS.
- SPRINKLERS SHALL NOT BE REQUIRED IN CLOTHES CLOSETS, LINEN CLOSETS, AND PANTRIES THAT DO NOT EXCEED 24 SQ. FT. AND HAVE WALLS AND CEILING SURFACED WITH NONCOMBUSTIBLE OR LIMITED COMBUSTIBLE MATERIALS.
- SPRINKLERS SHALL NOT BE REQUIRED IN ATTICS OR CRAWLSPACES.
- SPRINKLER HEADS SHALL BE AT LEAST 3 FT. AWAY FROM CEILING FANS AND SURFACE MOUNTED LIGHT FIXTURES.
- ALL SPRINKLERS SHALL MAINTAIN THE MINIMUM REQUIRED DISTANCES FROM HEAT SOURCES IN ACCORDANCE WITH NFPA 13R.
- SPRINKLER HEADS UNDER SLOPE CEILINGS TO BE MEASURED ALONG THE SLOPE.

CPVC FIRE SPRINKLER PIPE GUIDELINES

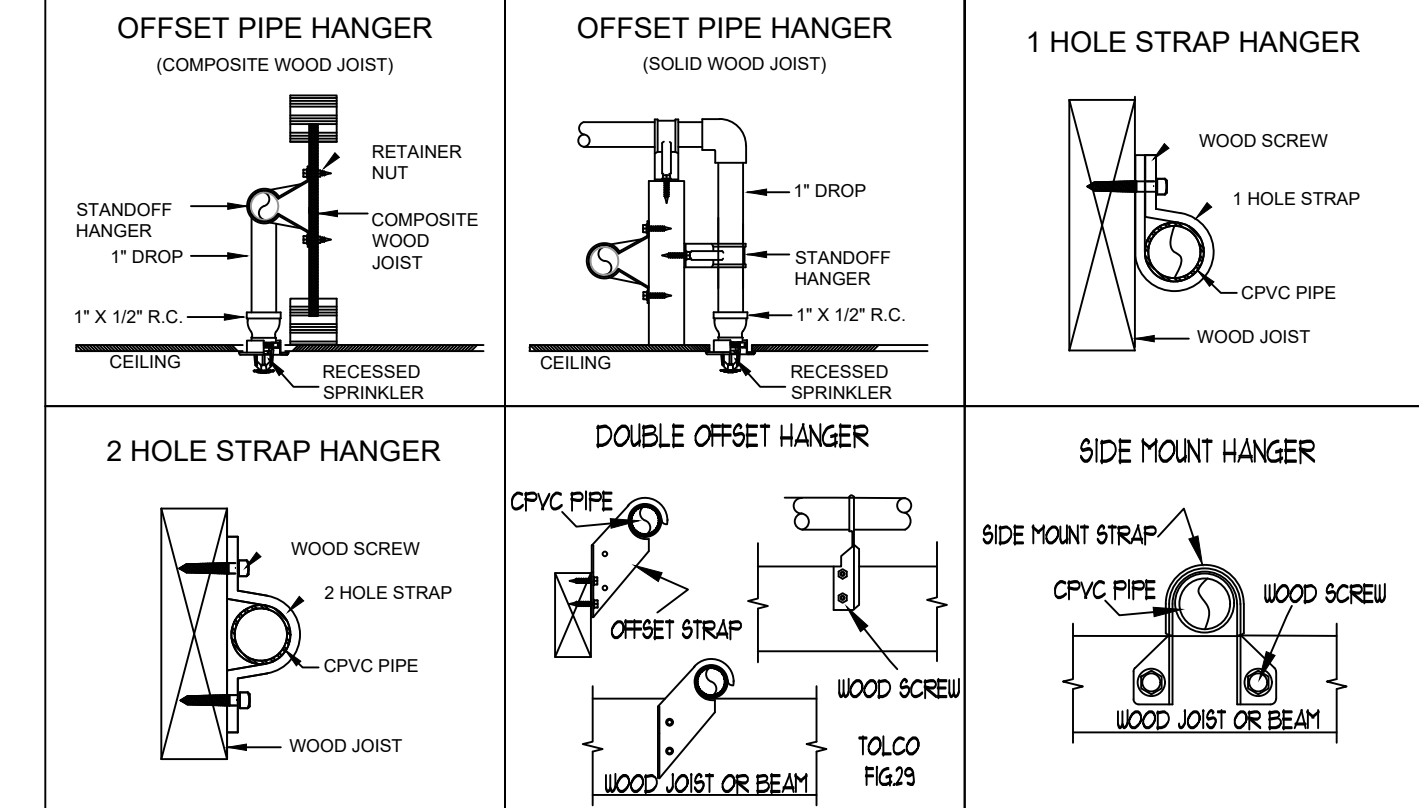
INSTALLING CONTRACTOR TO PROVIDE AN INSTALLATION THAT IS IN 100% COMPLIANCE WITH THESE GUIDELINES. RESIDENTIAL DESIGN CANNOT BE RESPONSIBLE FOR THE WILLFUL OR NEGLIGENT ACTIONS OF OTHER PARTIES THAT DO NOT FOLLOW THE BELOW GUIDELINES.

THESE GUIDELINES ARE:

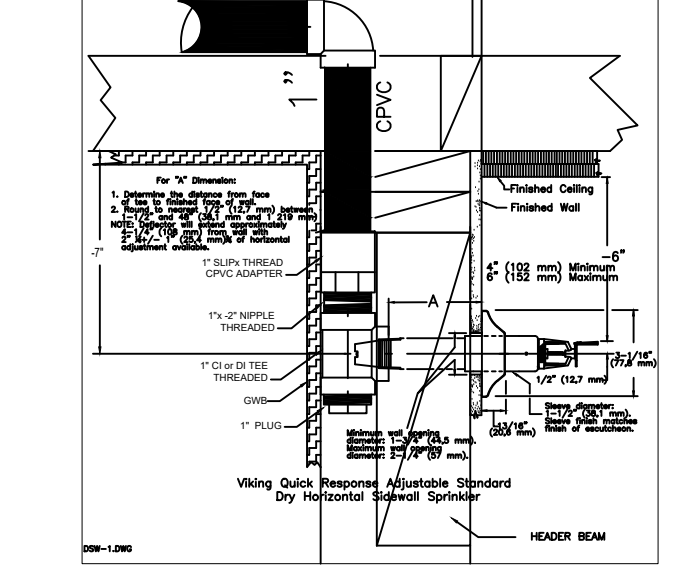
- DO NOT STACK, SUPPORT, HANG EQUIPMENT, OR HANG FLEXIBLE WIRE/CABLE, ESPECIALLY COMMUNICATIONS CABLE, OR OTHER MATERIAL ON THE FIRE SPRINKLER. DO NOT EXPOSE CPVC PRODUCTS TO INCOMPATIBLE SUBSTANCES, SUCH AS CUTTING OILS, NON-WATER-BASED PAINTS, PACKING OILS, TRADITIONAL PIPE THREAD PASTE AND DOPE, FUNGICIDES, TERMITICIDES, INSECTICIDES, DETERGENTS, BULKING CAULKING, ADHESIVE TAPE, SOLDER WIRE/CABLE WITH SPECIAL CONSIDERATION FOR COMMUNICATIONS CABLES, AND NON-APPROVED SPRAY FOAM INSULATION MATERIALS.
 - DO NOT EXPOSE CPVC PRODUCTS TO EDIBLE OILS, SOLVENTS, OR GLYCOL-BASED ANTI-FREEZE FLUIDS.
 - DO NOT EXPOSE CPVC PRODUCTS TO OPEN FLAME, SOLDER, AND SOLDERING FLUX.
 - DO NOT DROP, DISTORT, OR IMPACT CPVC PRODUCTS OR ALLOW OBJECTS TO BE DROPPED ON THEM.
 - DO NOT HANDLE CPVC PRODUCTS WITH GLOVES CONTAMINATED WITH OILS (HYDROCARBONS) OR OTHER INCOMPATIBLE MATERIALS.
 - DO NOT INJECT SYSTEM WITH M.I.C. INHIBITORS UNLESS THEY ARE LISTED IN COMBINATION WITH THIS SYSTEM.
- FAILURE TO FOLLOW THIS NOTICE MAY CAUSE CRACKS OR FRACTURES TO DEVELOP IN CPVC PRODUCTS RESULTING IN PROPERTY DAMAGE DUE TO LEAKS OR FLOODING. THE PRESENCE OF ANY VISIBLE CRACKS MAY REQUIRE PARTIAL OR FULL SYSTEM REPLACEMENT.

FREEZE PROTECTION

THIS SYSTEM IS A WET SYSTEM. PRECAUTION MUST BE TAKEN TO PROTECT THE PIPING FROM EXTREME FREEZING TEMPERATURES. IT IS THE RESPONSIBILITY OF THE OWNER AND INSULATION INSTALLER TO ENSURE SUFFICIENT INSULATION IS PROVIDED AND INSTALLED CORRECTLY TO MAINTAIN ALL PIPING AT 40 DEG MINIMUM IN ALL AREAS. THE METHOD TO ACHIEVE THIS CONTROL OF TEMPERATURE SHALL BE IN ACCORDANCE WITH NFPA 13R. DESIGNER AND ENGINEER OF RECORD WILL NOT BE RESPONSIBLE FOR ANY FREEZING PIPE OR DAMAGE CAUSED BY FREEZING PIPING.



* DO NOT STUB DOWN D&W'S ON LEVELS 1&2
 SEE DECK DETAILS & BREEZEWAY DETAILS 6 ON FP-20



SPRINKLER HEAD SCHEDULE					
SYMBOL	COUNT	THREAD	K-FACTOR	DESCRIPTION	NOTE
○	262	1/2"	4.9	HEAD1= VIKING VK468 WHITE RESIDENTIAL RECESSED PENDENT 175F.	on Drop
◀	48	1"	5.6	SIDE1= VIKING VK178 QR CHROME DRY HORIZONTAL SIDEWALL 200F.	
310 = TOTAL NUMBER OF HEADS BUILDING C					

City of Puyallup Development & Permitting Services ISSUED PERMIT

Building Planning Engineering Public Works Fire Traffic

SPRINX FIRE PROTECTION

PROJECT: EAST TOWN CROSSING BUILDING C
 ADDRESS: 2902 E PIONEER
 CITY: PUYALLUP, WA 98372
 TITLE: FIRE SPRINKLER LEVELS 1 & 2 DRAWING

BY: [Signature]
 DATE: 01/16/2025
 DRAWN: AJP

REVISIONS: [Table with Description and Date]

GENERAL: MKM LEGACY LLC
 ADDRESS: 7809 PACIFIC AVE
 CITY: TACOMA, WA 98408
 SUPER: ADAM RAYGOR
 JOB PHONE: 253-961-9976

FIELD INSPECTIONS: CITY OF PUYALLUP
 PHONE: (253) 864-4165

STANDARD SYMBOLS: [Table with symbols for Pipe Coupling, Pipe Drop, etc.]

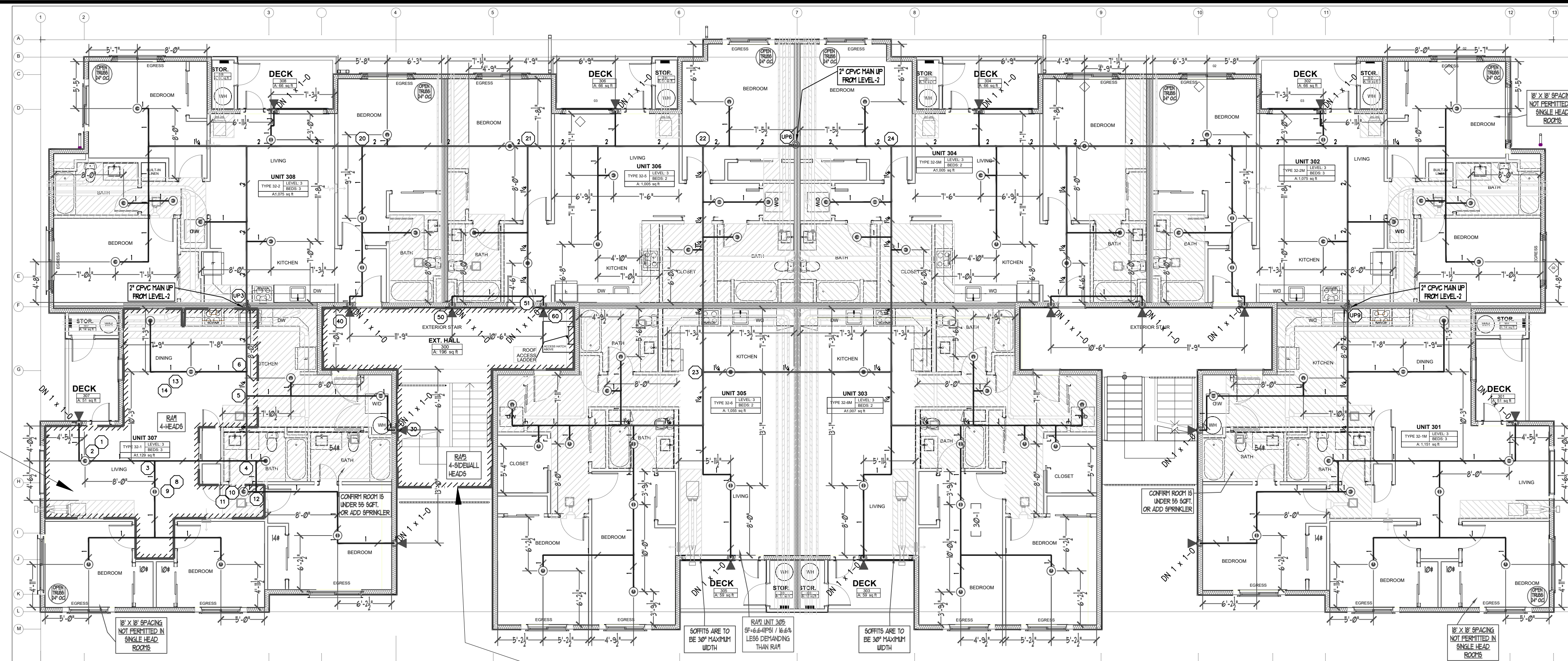
WA STATE LEVEL 3 STAMP

Joseph G. Faulkner
 9491-0699-CEG Level 3
 Sprinx Fire Protection, Inc.
 Signature: [Signature]
 Date: [Date]

SCALE: 1/8" = 1'-0"
 24-093CM
 BLDG-C LEVELS 1 & 2

FP-2.0

File Name: ETC Building C.dwg



LEVEL-3 FIRE SPRINKLER PLAN
SCALE: 1/8" = 1'-0"
PROJECT NORTH

Hydraulically Calculated System

This system as shown on SPRINX FIRE PROTECTION company print no. FP-3.0 dated 01/16/2025 for REMOTE AREA 01 - LEVEL-3 UNIT 307 at ETC APTS. BUILDING-C contract no. 24-093CM is designed to discharge at a rate of .05 GPM (L/min) per sq ft (m2) of floor area over a maximum area of 16' x 16' MAX SPACING sq ft (m2) when supplied with water at the rate of 55.435 GPM (L/min) at 27.008 psi (bars) at the base of the riser. Hose stream allowance of 0 GPM (L/min) is included in the above.

Occupancy Classification: NFPA-13R (2019)
Commodity Classification: N/A
Maximum Storage Height: N/A
Installed By: SPRINX FIRE PROTECTION, INC.

Hydraulic Calculation Data

Design Area Number: RA#1
Design Area Location: LEVEL-3 UNIT 307
Hazard/Occupancy: RESIDENTIAL NFPA 13R
Design Density: 0.05
Design Area: 256
Number of Sprinklers in Design Area: 4
System Flow: 55.435 @ TEST
System Pressure: 34.169 SAFETY FACTOR = 5.80 PSI @ 14.5%
Hose Allowance (Included): 0

Hydraulically Calculated System

This system as shown on SPRINX FIRE PROTECTION company print no. FP-3.0 dated 01/16/2025 for REMOTE AREA 03 - LEVEL-3 WEST STAIRWELL at ETC APTS. BUILDING-C contract no. 24-093CM is designed to discharge at a rate of .10 GPM (L/min) per sq ft (m2) of floor area over a maximum area of 4 HEAD SIDEWALL CALC sq ft (m2) when supplied with water at the rate of 60.342 GPM (L/min) at 26.235 psi (bars) at the base of the riser. Hose stream allowance of 0 GPM (L/min) is included in the above.

Occupancy Classification: NFPA-13R (2019)
Commodity Classification: N/A
Maximum Storage Height: N/A
Installed By: SPRINX FIRE PROTECTION, INC.

Hydraulic Calculation Data

Design Area Number: RA#3
Design Area Location: LEVEL-3 WEST STAIRWELL
Hazard/Occupancy: LIGHT HAZARD
Design Density: 0.10
Design Area: 273sqft
Number of Sprinklers in Design Area: 4
System Flow: 60.342
System Pressure: 33.336 SAFETY FACTOR = 6.63 PSI @ 16.6%
Hose Allowance (Included): 0

TABLE 1
MAXIMUM SUPPORT SPACING DISTANCE
END LINE SPRINKLER HEAD DROP ELBOW

PIPE SIZE INCHES	SYSTEM PRESSURE	
	< 100 psi	> 100 psi
3/4"	9"	6"
1"	12"	9"
1 1/2"	16"	12"
2"	24"	12"

TABLE 2
SOR 55 (ASTM F442)
HANGER SPACING

NOMINAL SIZE INCHES	MAX SPACING FEET	MAX SPACING METERS		
			INCHES	FEET
3/4"	55"	(1.7)	1"	(25.4)
1"	60"	(1.8)	1 1/4"	(31.8)
1 1/4"	65"	(2.0)	1 1/2"	(38.1)
1 1/2"	70"	(2.1)	2"	(50.8)
2"	75"	(2.3)	2 1/2"	(63.5)

Note-Minimum Cure Prior To Pressure Testing (200 PSI)

Pipe Size	Ambient Temperature During Cure Period	Cure Time
3/4"	60 TO 120 Deg. F	40 TO 59 Deg. F: 0 TO 39 Deg. F
1"	45 MINUTES	1 1/2 HOURS
1 1/4" & 1 1/2"	45 MINUTES	1 1/2 HOURS
2"	6 HOURS	36 HOURS
2 1/2" & 3"	8 HOURS	72 HOURS

* Solvent Cement can be applied at a temperature below 40 deg. F for 2" and larger, however the temperature of the system must be raised to 40 deg. F or higher and allowed to cure per the above recommendations prior to pressure testing. When drying cement, pipe or fittings to the outside, be certain they are brought up to room temperature before using the 60 to 120 deg. F cure schedule.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

RESIDENTIAL SPRINKLERS
MAXIMUM SPACING 16' X 16'

SCOPE OF WORK
INSTALL AUTOMATIC WET FIRE SPRINKLER SYSTEM FOR MULTI FAMILY DWELLING IN ACCORDANCE WITH NFPA 13R 2019 EDITION AND LOCAL AUTHORITY.

- GENERAL NOTES**
- ALL PIPING AND SPRINKLERS SHALL BE U.L. LISTED AND/OR F.M. APPROVED AND SHALL BE NEW AND FREE OF DEFECTS.
 - HANGER TYPES AND SPACING SHALL BE INSTALLED PER NFPA 13R AND MANUFACTURER'S LISTING.
 - SPRINKLER LOCATIONS AND SPACING PER NFPA 13R AND MANUFACTURER'S LISTING.
 - ANY AND ALL ALARM SYSTEM WIRING AND INSTALLATION IS BY OTHERS.
 - ALL DRILLING AND BORING OF HOLES SHALL BE DONE IN STRICT ACCORDANCE WITH THE STRUCTURAL ENGINEER'S REQUIREMENTS. DO NOT UNDER ANY CIRCUMSTANCES CUT OR MODIFY PRE-MANUFACTURED TRUSSES.
 - INSTALLER SHALL VERIFY FINISH CEILING ELEVATION, OBSTRUCTIONS, LIGHT FIXTURES, CABINETS, ETC PRIOR TO INSTALLATION OF SPRINKLER HEADS.
 - ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE FIRE STOPPED. FIRE STOPPING MATERIAL SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTION BY OTHERS.
 - SPRINKLER PIPE SIZING HAS BEEN ESTABLISHED BY HYDRAULIC CALCULATIONS. IT IS THE OWNER'S RESPONSIBILITY TO PROVIDE A RELIABLE WATER SUPPLY THAT IS CAPABLE OF MEETING THE MOST DEMANDING AREA.

PROJECT DETAILS

NFPA CODE: 13R 2019
SYSTEM TYPE: WET SYSTEM
PIPE TYPE: BLAZEMASTER CPVC
MAX SPRINKLER SPACING REQUIREMENTS: 16'x16' @13 GPM
MINIMUM SPRINKLER SPACING: 8' BETWEEN SPRINKLERS
MINIMUM DESIGN DENSITY: 0.05 GPM/SQ.FT.

- NFPA & AHJ REQUIREMENTS**
- THE DESIGNER SHALL BE ALL OF THE SPRINKLERS WITHIN A SINGLE COMPARTMENT, UP TO A MAXIMUM OF FOUR SPRINKLERS, THAT REQUIRE THE GREATEST HYDRAULIC DEMAND.
 - SPRINKLERS SHALL NOT BE REQUIRED IN BATHROOMS OF 55 SQ. FT. AND LESS.
 - SPRINKLERS SHALL NOT BE REQUIRED IN CLOTHES CLOSETS, LINEN CLOSETS, AND PANTRIES THAT DO NOT EXCEED 24 SQ. FT. AND HAVE WALLS AND CEILINGS SURFACED WITH NONCOMBUSTIBLE OR LIMITED COMBUSTIBLE MATERIALS.
 - SPRINKLERS SHALL NOT BE REQUIRED IN ATTICS OR CRANKS.
 - SPRINKLER HEADS SHALL BE AT LEAST 3 FT. AWAY FROM CEILING FANS AND SURFACE MOUNTED LIGHT FIXTURES.
 - ALL SPRINKLERS SHALL MAINTAIN THE MINIMUM REQUIRED DISTANCES FROM HEAT SOURCES IN ACCORDANCE WITH NFPA 13R.
 - SPRINKLER HEADS UNDER SLOPE CEILINGS TO BE MEASURED ALONG THE SLOPE.

CPVC FIRE SPRINKLER PIPE GUIDELINES

INSTALLING CONTRACTOR TO PROVIDE AN INSTALLATION THAT IS IN 100% COMPLIANCE WITH THESE GUIDELINES. RESIDENTIAL DESIGN CANNOT BE RESPONSIBLE FOR THE WILLFUL OR NEGLIGENT ACTIONS OF OTHER PARTIES THAT DO NOT FOLLOW THE BELOW GUIDELINES.

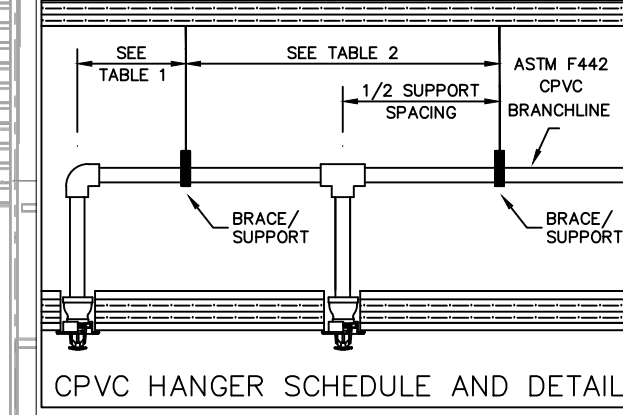
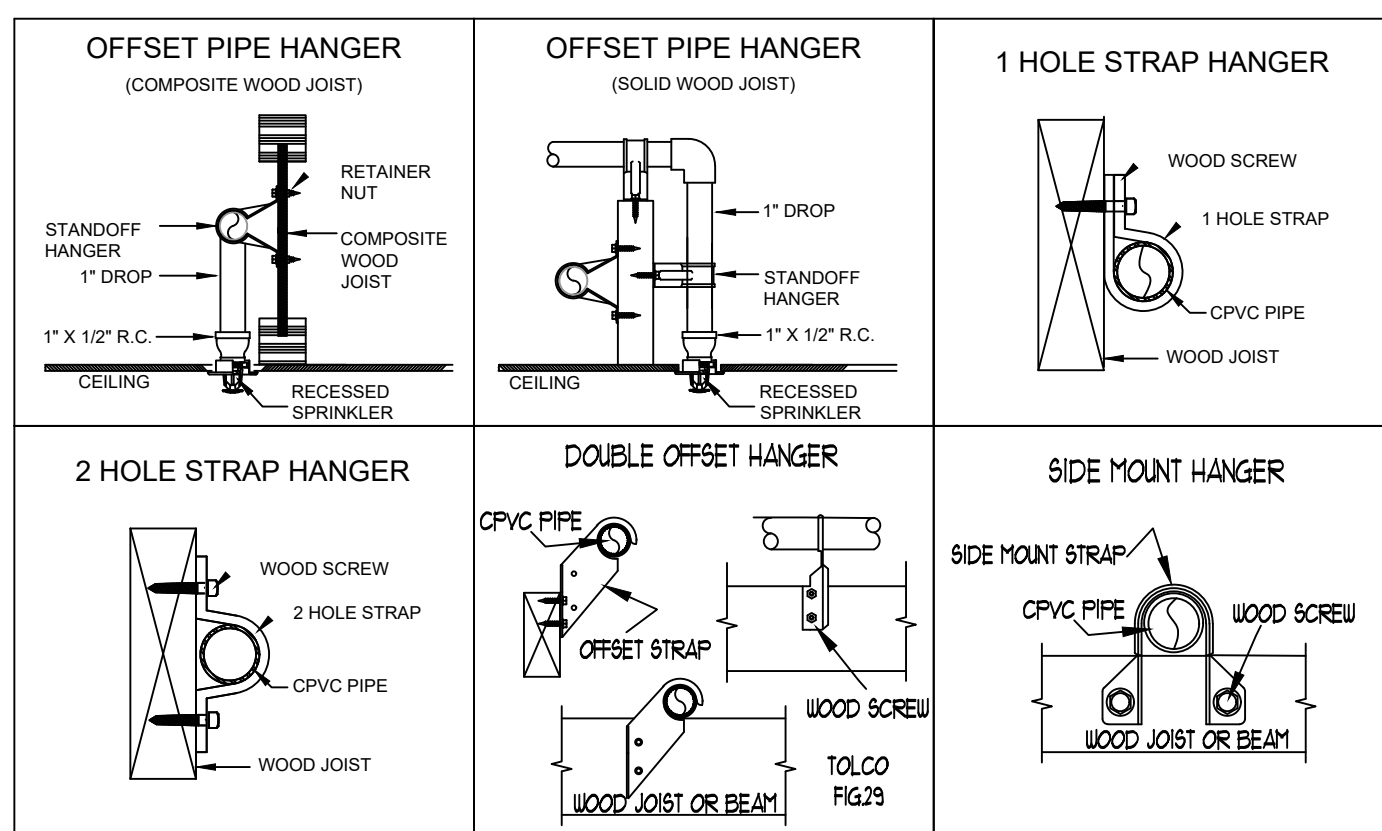
THESE GUIDELINES ARE:

- DO NOT STACK, SUPPORT, HANG EQUIPMENT, OR HANG FLEXIBLE WIRE/CABLE, ESPECIALLY COMMUNICATIONS CABLE, OR OTHER MATERIAL ON THE FIRE SPRINKLER.
- DO NOT EXPOSE CPVC PRODUCTS TO INCOMPATIBLE SUBSTANCES, SUCH AS CUTTING OILS, NON-WATER-BASED PAINTS, PACKING OILS, TRADITIONAL PIPE THREAD PASTE AND DOPE, FUNGICIDES, TERMITICIDES, INSECTICIDES, BULKING CAULKING, ADHESIVE TAPE, SOLDER FLUX, FLEXIBLE WIRE/CABLE (WITH SPECIAL CONSIDERATION FOR COMMUNICATIONS CABLE), AND NON-APPROVED SPRAY FOAM INSULATION MATERIALS.
- DO NOT EXPOSE CPVC PRODUCTS TO EDIBLE OILS, SOLVENTS, OR GLYCOL-BASED ANTI-FREEZE FLUIDS.
- DO NOT EXPOSE CPVC PRODUCTS TO OPEN FLAME, SOLDER, AND SOLDERING FLUX.
- DO NOT DROP, DISTORT, OR IMPACT CPVC PRODUCTS OR ALLOW OBJECTS TO BE DROPPED ON THEM.
- DO NOT HANDLE CPVC PRODUCTS WITH GLOVES CONTAMINATED WITH OILS (HYDROCARBONS) OR OTHER INCOMPATIBLE MATERIALS.
- DO NOT INJECT SYSTEM WITH M.I.C. INHIBITORS UNLESS THEY ARE LISTED IN COMBINATION WITH THIS SYSTEM.

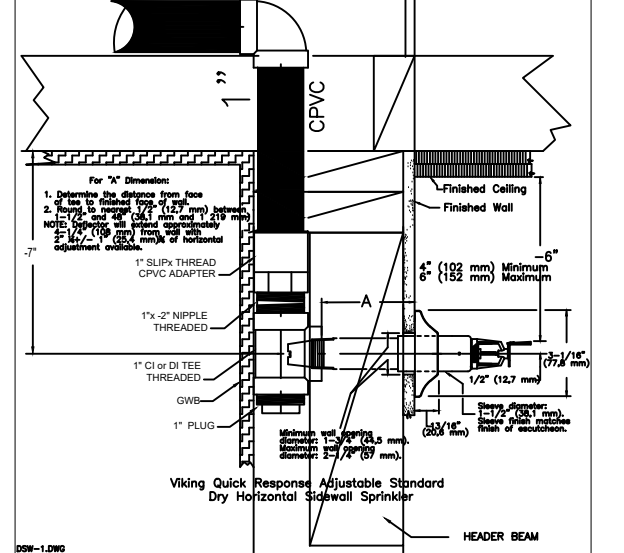
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FREEZE PROTECTION

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* DO NOT STUB DOWN DS&VS ON LEVELS 1-2
SEE DECK DETAILS & BREEZEWAY DETAILS ON FP-2.0



SPRINKLER HEAD SCHEDULE

SYMBOL	COUNT	THREAD	K-FACTOR	DESCRIPTION	NOTE
⊙	262	1/2"	4.9	HEAD1= VIKING VK468 WHITE RESIDENTIAL RECESSED PENDENT 175°F.	on Drop
◀	48	1"	5.6	SIDE1= VIKING VK178 OR CHROME DRY HORIZONTAL SIDEWALL 200°F.	

310 = TOTAL NUMBER OF HEADS BUILDING C

BUILDING SECTION 2
SCALE: 1/8" = 1'-0"

SPRINX FIRE PROTECTION
2709 ANNA AVE. NW, SUITE 102
PUYALLUP, WA 98448
Tel: 253.863.9999
Fax: 253.863.9990

PROJECT: EAST TOWN CROSSING BUILDING C
ADDRESS: 2902 E PIONEER
CITY: PUYALLUP, WA 98472
TITLE: FIRE SPRINKLER LEVEL 3 DRAWING

BY: [Signature]
DATE: 01/16/2025
DRAWN: AJP

REVISIONS
DISCREPANCY
DATE

GENERAL: MKM LEGACY LLC
ADDRESS: 7809 PACIFIC AVE
CITY: TACOMA, WA 98408
SUPER: ADAM RAYGOR
JOB PHONE #: 253-961-9976

STANDARD SYMBOLS
Pipe Coupling
Pipe Drop
Pipe Rise
Pipe End Cap
2-WAY EARTHQUAKE BRACE
4-WAY EARTHQUAKE BRACE
PIPE HANGER
Hydraulic Reference Points
Elev. Above Top of Steel
Elev. Above Finished Floor
Ceiling Height

WA. STATE LEVEL 3 STAMP
Expires 06/30/25
WASHINGTON STATE
CERTIFICATE OF COMPETENCY
FIRE SPRINKLER SYSTEMS
Joseph G. Faulkner
9491-0699-CEG Level 3
Sprinx Fire Protection, Inc.
SPRINXFP01115
[Signature]
Date

Project No: 24-093CM
Sheet Title: BLDG-C LEVEL 3
Sheet Number: FP-3.0

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

File Name: ETC Building C.dwg