

BRADLEY PARK CARE CENTER

707 39TH AVE SE, BLDG B
PUYALLUP, WA 98374

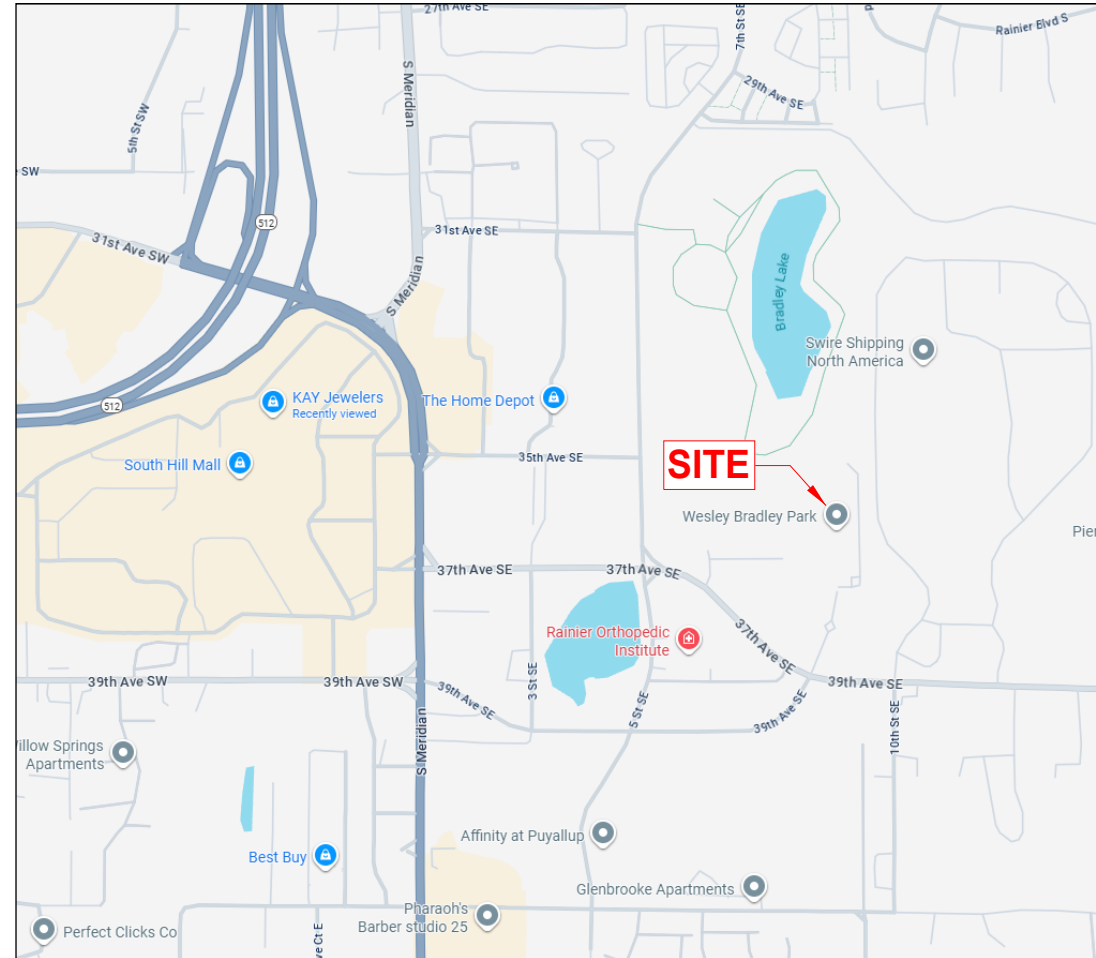
RED HAWK
FIRE PROTECTION, LLC



Ever Vigilant

801 VALLEY AVE NW, SUITE D
PUYALLUP, WA 98371
PHONE: (253) 840-9900 FAX: (800) 591-4382
WA CL# REDHAHF901QP

VICINITY MAP



CODE & STANDARDS

FIRE SPRINKLER SYSTEM TO BE DESIGNED, AND INSTALLED PER THE FOLLOWING CODES AND STANDARDS:

- INTERNATIONAL BUILDING CODE (IBC) - 2021
- INTERNATIONAL FIRE CODE (IFC) - 2021
- NFPA 13 - 2019
- CITY OF PUYALLUP (AHJ) REQUIREMENTS

BUILDING CODE ANALYSIS

OCCUPANCY CLASSIFICATION AND USE: I-2 & A-3
BUILDING CONSTRUCTION TYPE: 1A & VA
NUMBER OF STORIES: 2
ACTUAL BUILDING HEIGHT: 45'-4"
BUILDING AREA IN SQUARE FEET: 136,666 FT²
FIRE SPRINKLERS: YES
FIRE ALARM: YES

ABBREVIATIONS

AHJ AUTHORITY HAVING JURISDICTION
ATR ALL-THREAD ROD
BB BOTTOM OF BEAM
BD BOTTOM OF DECK
CL CENTERLINE
CTS CUT TO SUIT
DN PIPE DOWN
DR DROP
EC EXTENDED COVERAGE
FDC FIRE DEPARTMENT CONNECTION
FF (OR AFF) ABOVE FINISH FLOOR
FC FACE OF CONCRETE
FC FACE OF WALL
GALV GALVANIZED
GCR GROOVED CONCENTRIC REDUCER
GER GROOVED ECCENTRIC REDUCER
GRC GROOVED REDUCING COUPLING
GOL GROOVE-O-LET
HSW HORIZONTAL SIDEWALL
IFOW INSIDE FACE OF WALL
MT MECHANICAL TEE
NFPA NATIONAL FIRE PROTECTION ASSOCIATION
O.C. ON CENTER
OFOW OUTSIDE FACE OF WALL
PIV POST INDICATOR VALVE
POC POINT OF CONNECTION
POL THREADED PIPE-O-LET
RC REDUCING COUPLING
RHFP RED HAWK FIRE PROTECTION
RN RISER NIPPLE
SP SPRIG
SS STAINLESS STEEL
SSP STANDARD SPRAY PENDENT
SSU STANDARD SPRAY UPRIGHT
THR THREAD
TS TOP OF STEEL OR TOP OF STRUCTURE
TYP TYPICAL
UNO UNLESS NOTED OTHERWISE
UP PIPE UP

SYMBOL LEGEND

X NEW STEEL WET SYSTEM SPRINKLER PIPE WITH LABEL
XX NEW STEEL DRY SYSTEM SPRINKLER PIPE WITH LABEL
XX NEW CPVC SPRINKLER PIPE WITH LABEL
PIPE HANGER
DOWNWARD PIPE SLOPE DIRECTION MARKER
GROOVED RIGID COUPLING
GROOVED FLEXIBLE COUPLING
MECHANICAL OUTLET TEE
SEISMIC BRACE - LATERAL (PERPENDICULAR TO PIPE)
SEISMIC BRACE - LONGITUDINAL (PARALLEL TO PIPE)
SEISMIC BRACE - LATERAL AND LONGITUDINAL
BRANCHLINE RESTRAINT
REMOTE AREA BOUNDARY
HYDRAULIC NODE
ELEVATION TAG
LISTING FAB BRANCHLINE NUMBER
LISTING FAB PIECE LABEL
LISTING FAB MAIN LABEL
ELECTRIC FIRE ALARM BELL
FIRE DEPARTMENT CONNECTION - WALL MOUNTED
FIRE DEPARTMENT CONNECTION - FLUSH WALL MOUNT
FIRE DEPARTMENT CONNECTION - YARD
FIRE HYDRANT
FIRE PUMP - TEST HEADER
FIRE PUMP - PUMPHOUSE
GATE VALVE
POST INDICATOR VALVE
OS&Y VALVE
BACKFLOW PREVENTER
CHECK VALVE
KNOX BOX - YARD
VAULT
DECK ELEVATION CHANGE
FLOOR ELEVATION CHANGE

SCOPE OF WORK

RED HAWK FIRE PROTECTION, LLC (RHFP) WILL PROVIDE (1) WET PIPE AUTOMATIC SPRINKLER SYSTEM, (1) DRY PIPE AUTOMATIC SPRINKLER SYSTEM TO PROTECT THE ENTIRE PROPOSED NEW BUILDING.

RHFP WILL START WORK AT A 8" FLANGE 6" OFF FINISHED WALL IN CHASE IN EE 0102 ON LEVEL 0.

ALL AREAS PROTECTED BY A WET SYSTEM MUST BE MAINTAINED BY OTHERS AT A MINIMUM 40°F TO PREVENT FREEZING.

EXCLUSIONS

PAINTING OR LABELING OF PIPE AND/OR EQUIPMENT.

ELECTRICAL WIRING OF ANY KIND INCLUDING BUT NOT LIMITED TO WATERFLOW SWITCH, ELECTRIC BELL, AND TAMPER SWITCHES.

CENTRAL STATION MONITORING EQUIPMENT, WIRING AND SERVICES.

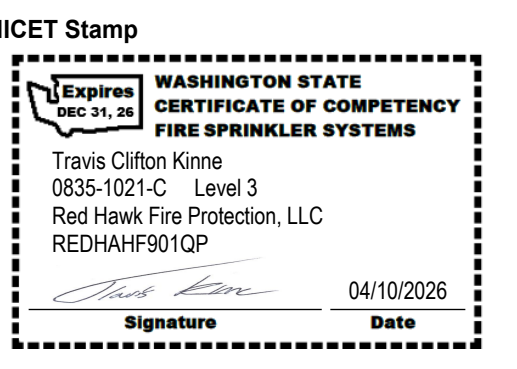
ALL UNDERGROUND WORK INCLUDING BUT NOT LIMITED TO BACKFILL, SELECT FILL, BREAKING PATCHING, SAW CUTTING, LAWN REPAIR, LANDSCAPING, TREE REMOVAL, STERILIZATION, DEVELOPMENT FEES AND CITY CONNECTION.

HEAT TRACING IF REQUIRED.

FIRE STOPPING AND/OR NOISE CAULKING IF REQUIRED.

DRAWING INDEX

- FP 0.01 COVER SHEET & SCOPE OF WORK
- FP 0.02 GENERAL NOTES
- FP 0.10 STANDARD DETAILS
- FP 0.20 SITE PLAN
- FP 0.21 RISER DETAILS
- FP 1.00 BUILDING SECTION
- FP 2.00 FIRE SPRINKLER PLAN - L0 NORTH
- FP 2.01 FIRE SPRINKLER PLAN - L0 SOUTH
- FP 2.10 FIRE SPRINKLER PLAN - L1 NORTH
- FP 2.11 FIRE SPRINKLER PLAN - L1 SOUTH
- FP 2.20 FIRE SPRINKLER PLAN - ATTIC



Approvals Required
CITY OF PUYALLUP
OWNER / ARCHITECT

Revisions

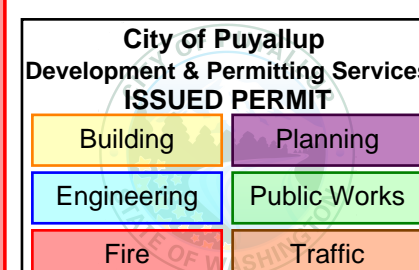
City of Puyallup
Fire
REVIEWED
FOR
COMPLIANCE

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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.



SYSTEM INFORMATION

SYSTEM NAME	PROTECTION AREA	CONTROL VALVE LOCATION	SYSTEM SIZE	AIR VOLUME	NO. OF SPRINKLERS
WET	ENTIRE BUILDING EXCLUDED AREAS PROTECTED BY DRY SYSTEM	LEVEL 0 MECH 0103	40,470 SQ.FT.	N/A	649
DRY	CRAWL SPACE, PAVILION, VENTED ATTIC & ENTRY CANOPY	LEVEL 0 MECH 0103	19,838 SQ.FT.	412 GAL	326
PROJECT TOTAL SPRINKLER COUNT:					975

Contract With:

WALSH
CONSTRUCTION

315 5TH AVE S, SUITE 600
SEATTLE, WA 98104
PM: QUASIM GILL
Phone: 206-413-1954
Email:

CONSTRUCTION.COM

Contract Name:

BRADLEY PARK
CARE CENTER

707 39TH AVE SE, BLDG B
PUYALLUP, WA 98374

Drawing Title

COVER SHEET &
SCOPE OF WORK

Date: April 10, 2026

Job Number: 70120

Designer: BROOKE MCDANIELS

Building Permit:

Drawing No.

FP 0.01

SEISMIC ANALYSIS

SITE CLASS:	C
SEISMIC DESIGN CATEGORY:	D
OCCUPANCY CATEGORY:	II
SS:	1.257
S1:	0.434
SDS:	1.000
SD1:	0.434
Cp:	0.61

NOTE:
SEISMIC ANALYSIS INFORMATION TAKEN FROM STRUCTURAL DRAWINGS.

PIPE & FITTINGS

WET SYSTEMS - STEEL

1"-1 1/2" PIPE
FINISH - FACTORY PAINTED BLACK
SCHEDULE - SCHD 40
END PREP - THREADED
FITTINGS - THREADED DUCTILE IRON FITTINGS

1 1/2"-4" PIPE
FINISH - FACTORY PAINTED BLACK
SCHEDULE - EDDY FLOW
END PREP - GROOVED
FITTINGS - 1/2" STANDARD GROOVE FITTINGS
2"-4" SHORT PATTERN GROOVED FITTINGS

WET SYSTEMS - CPVC

1"-2 1/2" PIPE
FINISH - ORANGE
FITTINGS - CPVC

DRY SYSTEMS - STEEL

1"-1 1/2" PIPE
FINISH - FACTORY PAINTED BLACK
SCHEDULE - SCHD 40
END PREP - THREADED
FITTINGS - THREADED DUCTILE IRON FITTINGS

1 1/2"-4" PIPE
FINISH - FACTORY PAINTED BLACK
SCHEDULE - SCHD 40
END PREP - GROOVED
FITTINGS - 1/2" STANDARD GROOVE FITTINGS
2"-4" SHORT PATTERN GROOVED FITTINGS

WATER FLOW INFORMATION

WATERFLOW INFORMATION HAS BEEN PROVIDED BY PUYALLUP PUBLIC UTILITIES (WATER PROVIDER). THE FOLLOWING INFORMATION OBTAINED FROM WATER FLOW MODEL RECEIVED 03/13/2025.

STATIC PRESSURE: 82 PSI
RESIDUAL PRESSURE: 24 PSI @ 3320 GPM

MODELED HYDRANT J1832.

DESIGN CRITERIA

PER NFPA 13 (2019), CITY OF PUYALLUP, AND PROJECT SPECIFICATION

BASEMENT (LEVEL 0)

CRAWL SPACE
DRY SYSTEM
LIGHT HAZARD
DESIGN DENSITY: 0.10 GPM / 1950 SQ. FT.
ELEV LOBBY 0100, POOL DECK 0108, SPA 0108B, JAN 0111, LOCKER (0113, 0114, 0115), CORRIDOR (0107, 0119), OFFICE (0109, 0122, 0125), MED RECORDS 0120, EDUCATION 0121, STAFF BREAK 0123, TOILET 0124, STAIR (D0, CCB)
WET SYSTEM
LIGHT HAZARD
DESIGN DENSITY: 0.10 GPM / 1500 SQ. FT.
ELECT 0101, MECH 0103, TRASH / LINEN 0104, DATA 0106, STOR 0110
WET SYSTEM
ORDINARY HAZARD - GROUP I
DESIGN DENSITY: 0.15 GPM / 1500 SQ. FT.
EE 0102, RES STORAGE 0105, PL STORAGE 0111
WET SYSTEM
ORDINARY HAZARD - GROUP II
DESIGN DENSITY: 0.20 GPM / 1500 SQ. FT.

LEVEL 1

DAYROOM (1129, 1168), OFFICE (1164, 1135, 1109), MEDS 1163, CORRIDOR (1106, 1158, 1171), TOILET (1142, 1143, 1162), SOILED (1141, 1159), CLEAN 1160, LAUNDRY (1118, 1161), MAT ROOM (1139, 1140), THERAPY 1134, HSKG 1134B, CONFERENCE (E101, 1104), STAFF 1156, NURSE 1154, CHTG 1155, SALON 1151, DINING 1133, PARLOR 1103, BULLPEN / RECEIPT 1136, CHAPEL 1113, COMMONS 1101, VESTIBULE 1100, BILLING 1107, DIRECTOR 1111, RECEPTION 1105, WORK RM 1108, SOCIAL WRK 1110, RES ENGAGE 1112, CLOSET 1137
WET SYSTEM
LIGHT HAZARD
DESIGN DENSITY: 0.10 GPM / 1500 SQ. FT.
STORAGE 1148, DON 1147, OXY 1157, TRASH / LIN 1150, SERVING KITCHEN 1144, KITCHEN 1138, STORAGE 1113A
WET SYSTEM
ORDINARY HAZARD - GROUP I
DESIGN DENSITY: 0.15 GPM / 1500 SQ. FT.
RESIDENTIAL UNITS
WET SYSTEM
RESIDENTIAL (NFPA 13)
DESIGN DENSITY: 0.10 GPM / MOST DEMANDING 8 SPRINKLERS

DRY SYSTEM NOTES

- 01 - ALL MATERIALS SHALL BE NEW AND UL AND/OR FM APPROVED.
- 02 - TESTED IN ACCORDANCE WITH NFPA, AUTHORITY HAVING JURISDICTION, AND PROJECT SPECIFICATION.
- 03 - AUXILIARY DRAINS TO BE INSTALLED AT ALL LOCATIONS WITH TRAPPED WATER.
- 04 - DRUM DRIP TYPE AUXILIARY DRAINS TO BE INSTALLED AT ALL LOCATIONS WITH 5 GALLONS OR MORE TRAPPED WATER.
- 05 - SYSTEM ALARM MONITORING DEVICE TO BE PRESSURE SWITCH.
- 06 - SYSTEM TO BE MONITORED FOR HIGH/LOW AIR.
- 07 - AIR COMPRESSOR TO BE SIZED TO LARGEST DRY AND/OR PRE-ACTION SYSTEM AND TO HAVE TANK WITH AIR MAINTENANCE DEVICE.
- 08 - AIR COMPRESSOR TO BE HARD WIRED TO DEDICATED CIRCUIT.
- 09 - INSPECTORS TEST TO BE LOCATED AT MOST REMOTE BRANCHLINE.
- 10 - MAINS TO BE SLOPED 1/4" EVERY 10' TO DRAIN LOCATIONS.
- 11 - BRANCHLINES TO BE SLOPED 1/2" EVERY 10' TO MAINS OR DRAIN LOCATIONS.
- 12 - ALL PENDENT SPRINKLERS TO BE INSTALLED ON RETURN BENDS.
- 13 - ALL PENDENT SPRINKLERS IN AREAS SUBJECT TO FREEZING BE DRY TYPE UNO.
- 14 - STATIC SYSTEM PRESSURE BELOW 100 PSI. MAXIMUM UNSUPPORTED ARMOVER LENGTH 2-0.
- 15 - STATIC SYSTEM PRESSURE ABOVE 100 PSI. MAXIMUM UNSUPPORTED ARMOVER LENGTH 1-0.

WET SYSTEM NOTES - CPVC

- 01 - ALL MATERIALS SHALL BE NEW AND UL AND/OR FM APPROVED.
- 02 - TESTED IN ACCORDANCE WITH NFPA, AUTHORITY HAVING JURISDICTION, AND PROJECT SPECIFICATION.
- 03 - PIPE AND FITTINGS PER THE PIPE AND FITTINGS NOTES ON THIS SHEET.
- 04 - AUXILIARY DRAINS TO BE INSTALLED AT ALL LOCATIONS WITH 5 GALLONS OR MORE TRAPPED WATER.
- 05 - SYSTEM ALARM MONITORING DEVICE TO BE WATER FLOW SWITCH.
- 06 - AUTOMATIC AIR VENT TO BE INSTALLED PER NFPA 13.
- 07 - TEST AND DRAIN VALVES TO BE INSTALLED AT RISER/FLOOR CONTROL MANIFOLD TO FACILITATE WATER FLOW TESTING.
- 08 - ALL CPVC WITHOUT A PIPE SIZE TAG SHALL BE 1" CPVC.
- 09 - ALL FLEXIBLE DROP FITTINGS TO BE 72" UNO.
- 10 - ALL FLEXIBLE DROP FITTINGS TO BE INSTALLED PER MANUFACTURER'S LISTED MAXIMUM ALLOWED BENDS AND BEND RADIUS.
- 11 - MAXIMUM SPRINKLER PROTECTION AREA OF COVERAGE LIGHT HAZARD SPACES TO BE 225 SQ. FT.
- 12 - MAXIMUM SPRINKLER PROTECTION AREA OF COVERAGE ORDINARY HAZARD SPACES TO BE 130 SQ. FT.
- 13 - STATIC SYSTEM PRESSURE BELOW 100 PSI. MAXIMUM UNSUPPORTED ARMOVER LENGTH 2-0.
- 14 - STATIC SYSTEM PRESSURE ABOVE 100 PSI. MAXIMUM UNSUPPORTED ARMOVER LENGTH 1-0.

WET SYSTEM NOTES - STEEL

- 01 - ALL MATERIALS SHALL BE NEW AND UL AND/OR FM APPROVED.
- 02 - TESTED IN ACCORDANCE WITH NFPA, AUTHORITY HAVING JURISDICTION, AND PROJECT SPECIFICATION.
- 03 - PIPE AND FITTINGS PER THE PIPE AND FITTINGS NOTES ON THIS SHEET.
- 04 - AUXILIARY DRAINS TO BE INSTALLED AT ALL LOCATIONS WITH 5 GALLONS OR MORE TRAPPED WATER.
- 05 - SYSTEM ALARM MONITORING DEVICE TO BE WATER FLOW SWITCH.
- 06 - AUTOMATIC AIR VENT TO BE INSTALLED PER NFPA 13.
- 07 - TEST AND DRAIN VALVES TO BE INSTALLED AT RISER/FLOOR CONTROL MANIFOLD TO FACILITATE WATER FLOW TESTING.
- 08 - ALL PIPES SHOWN WITH CUT LENGTHS.
- 09 - ALL FLEXIBLE DROP FITTINGS TO BE 72" UNO.
- 10 - ALL FLEXIBLE DROP FITTINGS TO BE INSTALLED PER MANUFACTURER'S LISTED MAXIMUM ALLOWED BENDS AND BEND RADIUS.
- 11 - MAXIMUM SPRINKLER PROTECTION AREA OF COVERAGE LIGHT HAZARD SPACES TO BE 225 SQ. FT.
- 12 - MAXIMUM SPRINKLER PROTECTION AREA OF COVERAGE ORDINARY HAZARD SPACES TO BE 130 SQ. FT.
- 13 - STATIC SYSTEM PRESSURE BELOW 100 PSI. MAXIMUM UNSUPPORTED ARMOVER LENGTH 2-0.
- 14 - STATIC SYSTEM PRESSURE ABOVE 100 PSI. MAXIMUM UNSUPPORTED ARMOVER LENGTH 1-0.

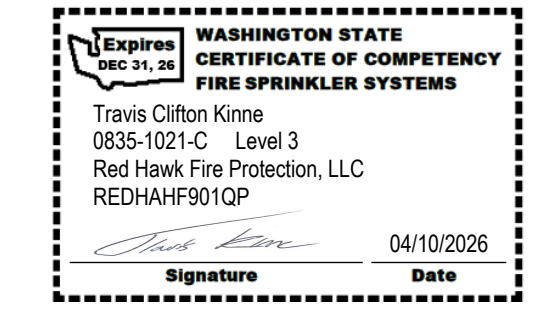
RED HAWK
FIRE PROTECTION, LLC



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PHONE: (253) 840-9900 FAX: (800) 591-4382
WA CLB# REDHAWKFP010P

NICET Stamp



Approvals Required
CITY OF PUYALLUP
OWNER / ARCHITECT

Revisions

City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

Contract With:

WALSH CONSTRUCTION

315 5TH AVE S, SUITE 600
SEATTLE, WA 98104
PM: QUASIM GILL
Phone: 206-413-1954
Email:
QUASIM@WALSHCONSTRUCTION.COM

Contract Name:

BRADLEY PARK CARE CENTER

707 39TH AVE SE, BLDG B
PUYALLUP, WA 98374

Drawing Title

GENERAL NOTES

Date: April 10, 2026
Job Number: 70120
Designer: BROOKE MCDANIELS
Building Permit:

Drawing No.

FP 0.02

LINE RESTRAINT LEGEND

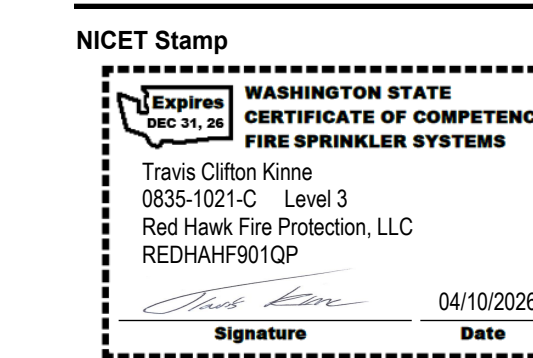
PER NFPA 13 (2019) SECTION 18.6.4, FOR 0.5 < Cp < 0.71			
LABEL	PIPE SIZE	SUPPORTING STRUCTURE	SPACING
BLR-1	1"	WOOD TJI/BEAM (3/2" MIN)	36'-0"
BLR-1 1/4	1 1/4"	WOOD TJI/BEAM (3/2" MIN)	39'-0"
BLR-1 1/2	1 1/2"	WOOD TJI/BEAM (3/2" MIN)	41'-0"
BLR-2	2"	WOOD TJI/BEAM (3/2" MIN)	45'-0"

BRANCHLINE RESTRAINT SPACING PER TABLE 18.6.4 (A)
STRUCTURAL VALUES PER BID DOCUMENTS.

SEISMIC BRACING LEGEND

LABEL	PIPE SIZE	PIPE TYPE	ORIENTATION	SUPPORTING STRUCTURE	SPACING	BRANCH TYPE
B1	3"	STEEL	LATERAL	WOOD TJI/BEAM (3/2" MIN)	25'-0"	STEEL
B2	3"	STEEL	LONGITUDINAL	WOOD TJI/BEAM (3/2" MIN)	80'-0"	N/A
B3	3"	STEEL	LATERAL	WOOD TJI/BEAM (3/2" MIN)	30'-0"	CPVC
B4	2 1/2"	STEEL	LATERAL	WOOD TJI/BEAM (3/2" MIN)	30'-0"	STEEL
B5	2 1/2"	STEEL	LONGITUDINAL	WOOD TJI/BEAM (3/2" MIN)	80'-0"	N/A
B6	2"	STEEL	LATERAL	WOOD TJI/BEAM (3/2" MIN)	25'-0"	STEEL
B7	2"	STEEL	LONGITUDINAL	WOOD TJI/BEAM (3/2" MIN)	80'-0"	N/A
B8	2 1/2"	CPVC	LATERAL	WOOD TJI/BEAM (3/2" MIN)	30'-0"	CPVC
B9	2 1/2"	CPVC	LONGITUDINAL	WOOD TJI/BEAM (3/2" MIN)	40'-0"	N/A
B10	1 1/2"	STEEL	LATERAL	WOOD TJI/BEAM (3/2" MIN)	40'-0"	N/A
B11	1 1/2"	STEEL	LONGITUDINAL	WOOD TJI/BEAM (3/2" MIN)	80'-0"	N/A

PER NFPA 13 (2019) SECTION 18.5 & BRACING CALCULATIONS



Approvals Required
CITY OF PUYALLUP
OWNER / ARCHITECT

Revisions

City of Puyallup Development & Permitting Services ISSUED PERMIT
Building
Engineering
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Traffic

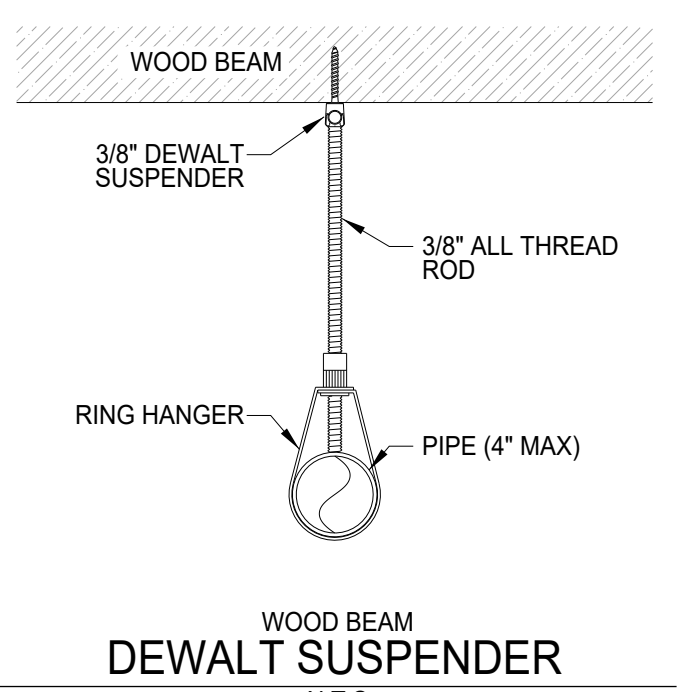
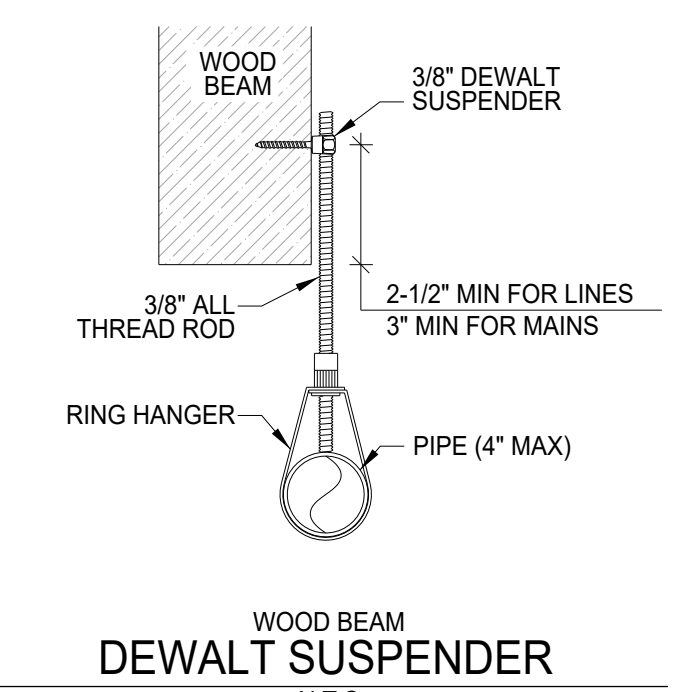
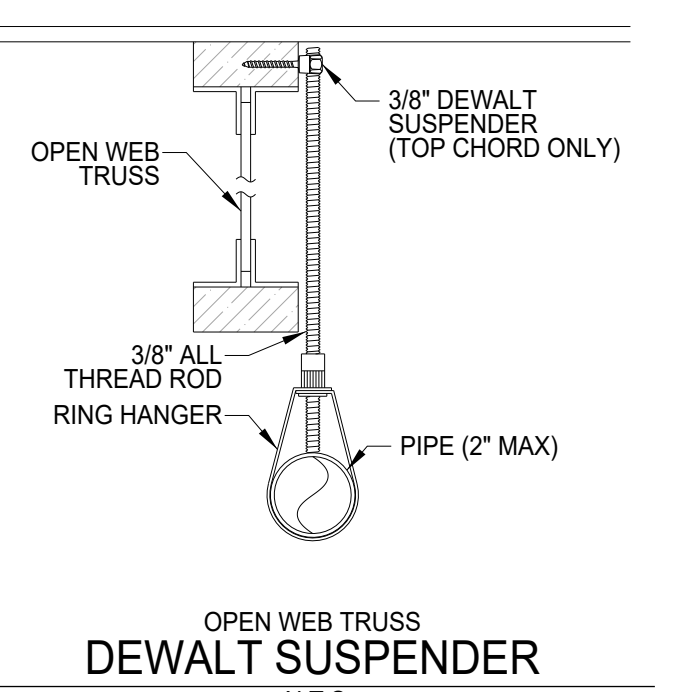
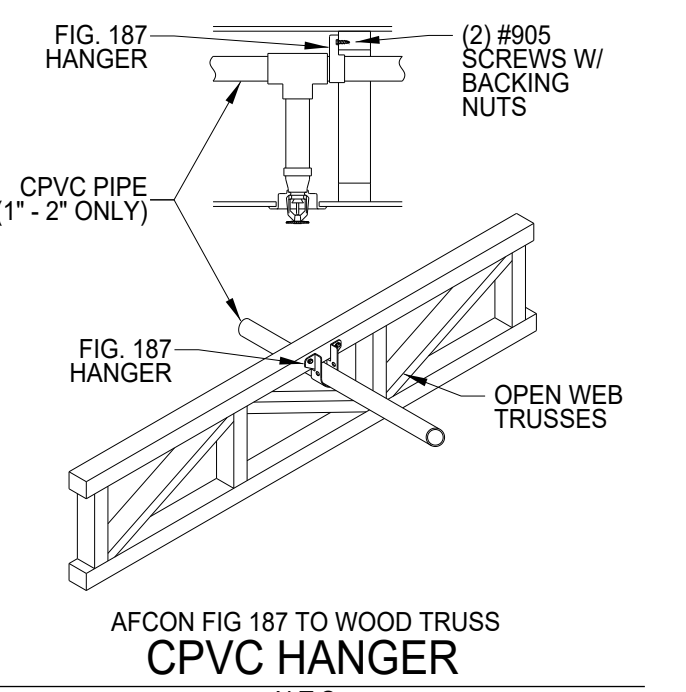
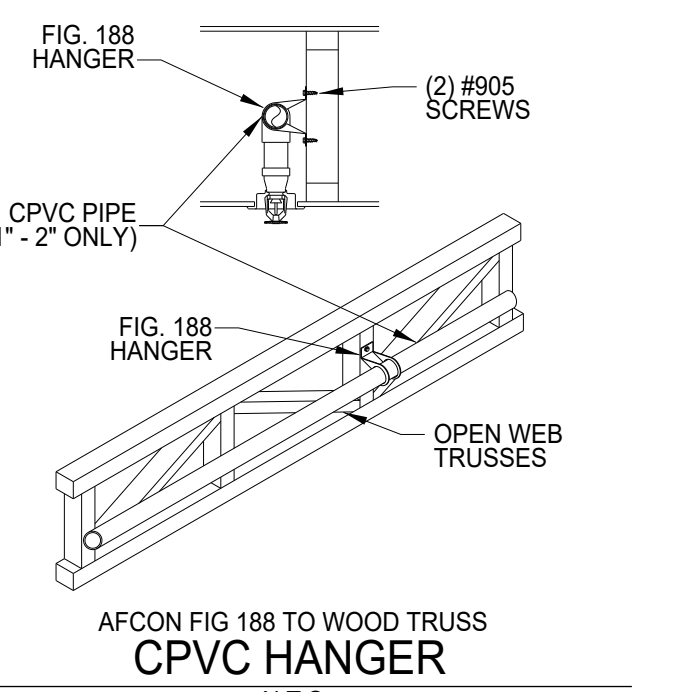
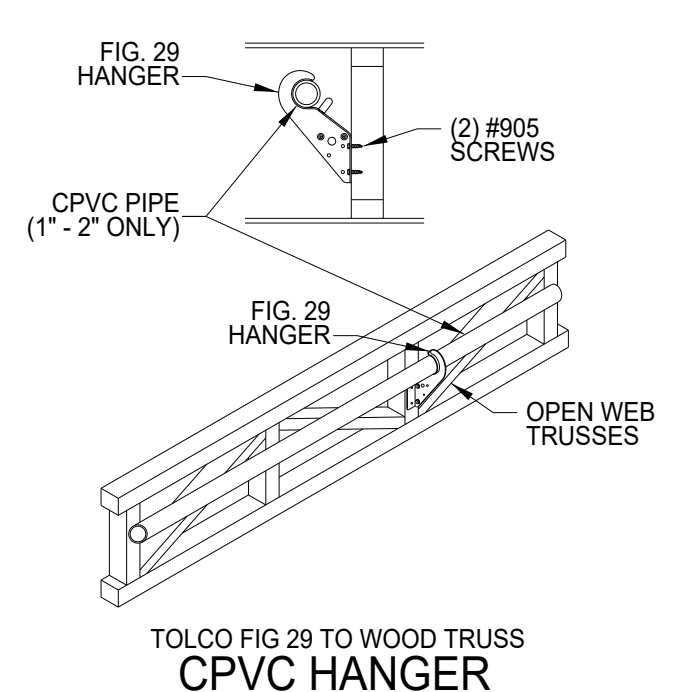
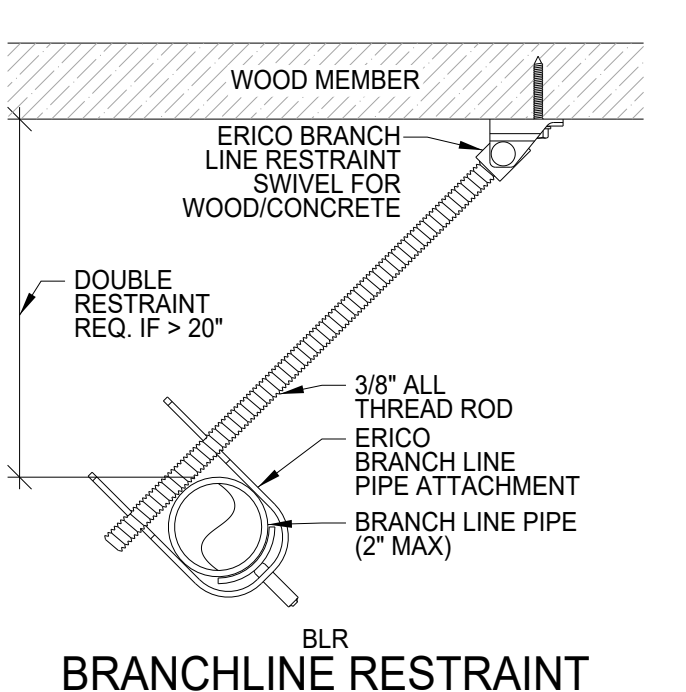
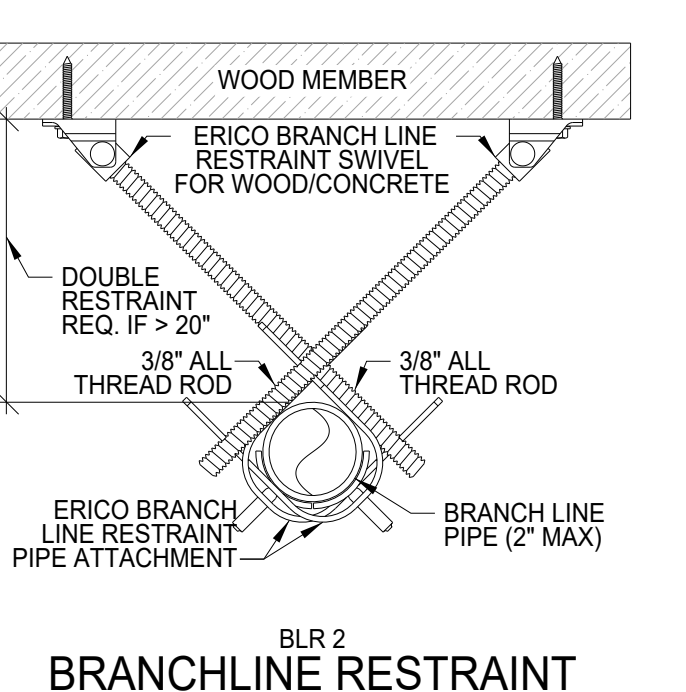

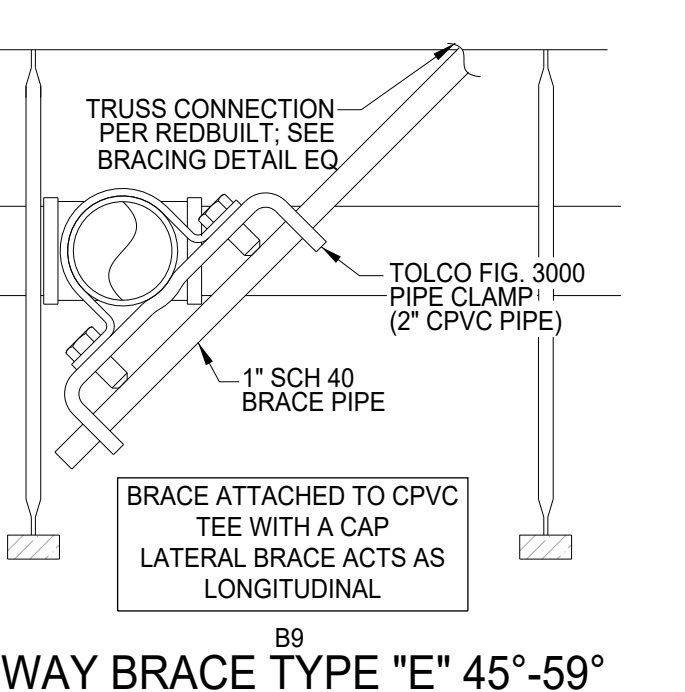
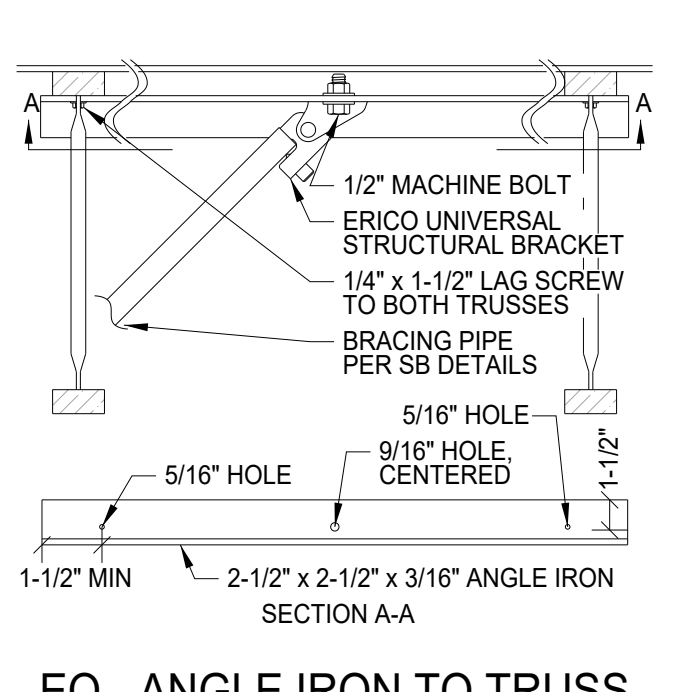
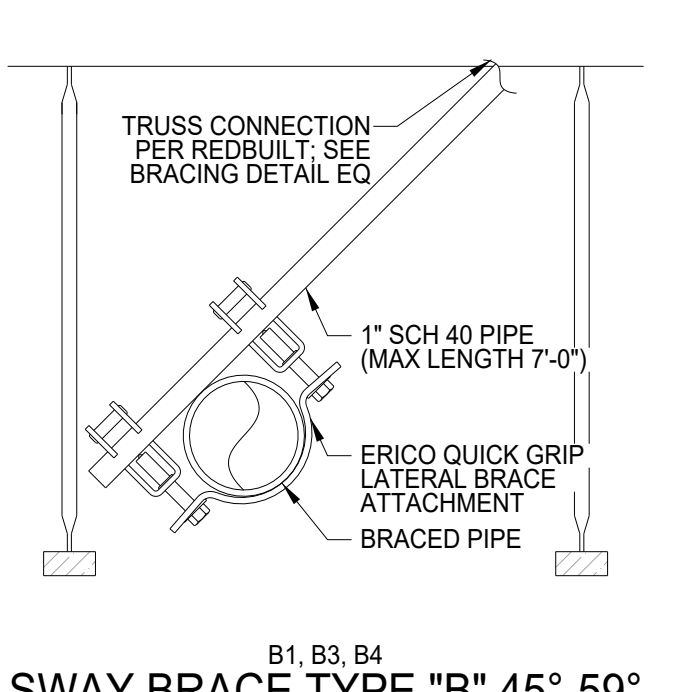
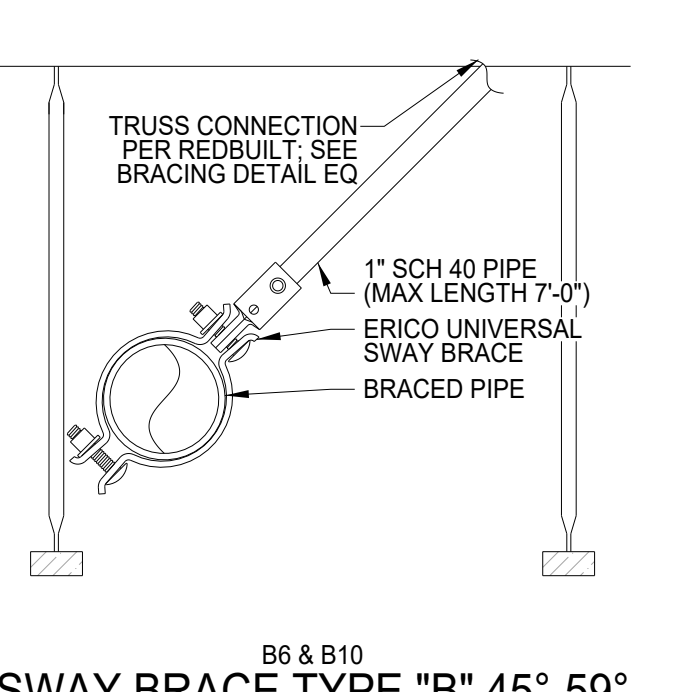
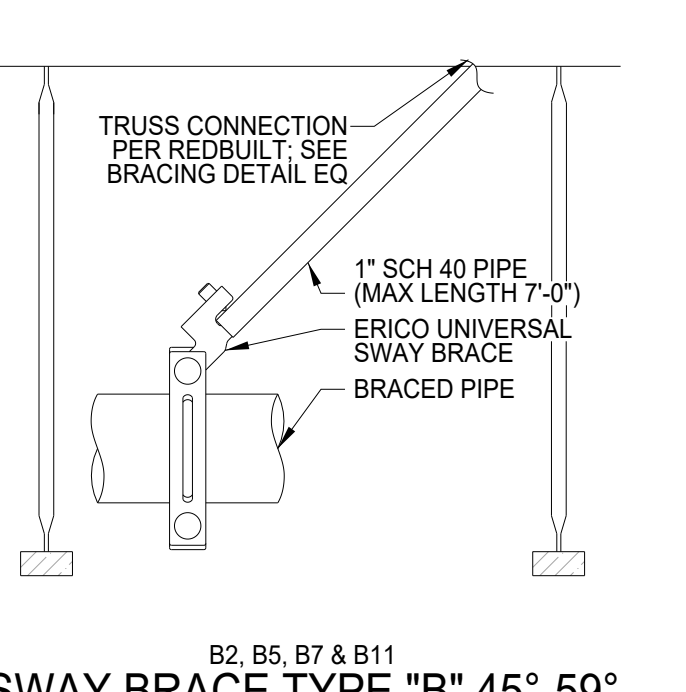
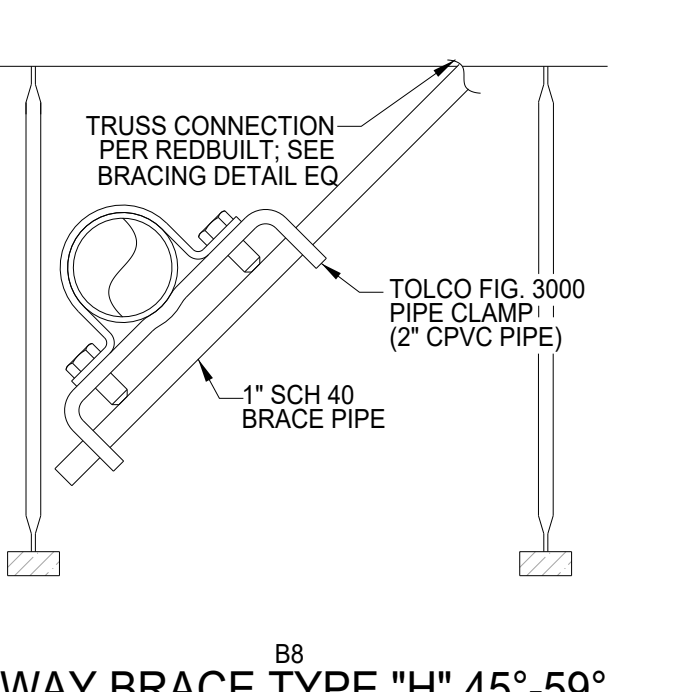
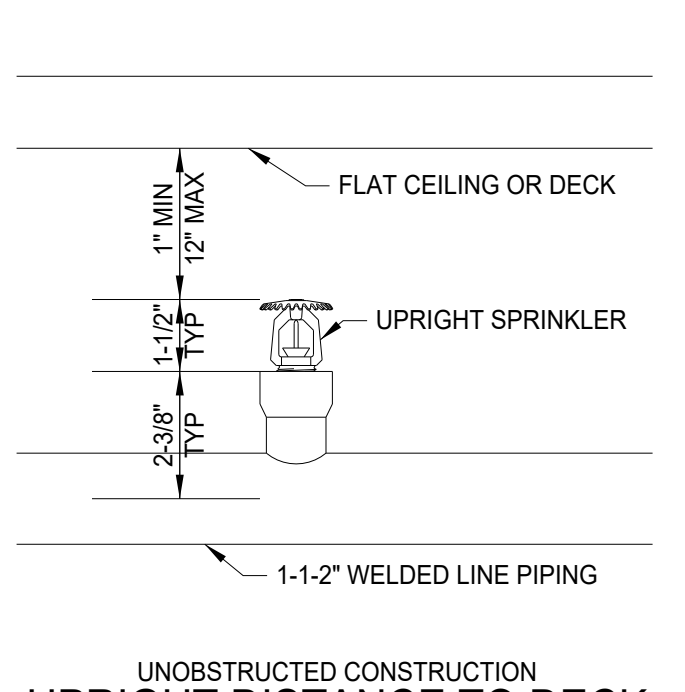
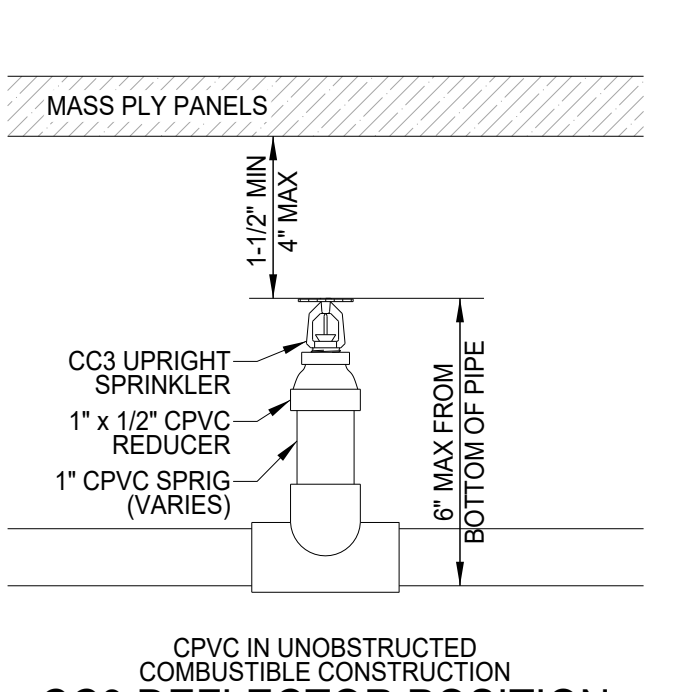

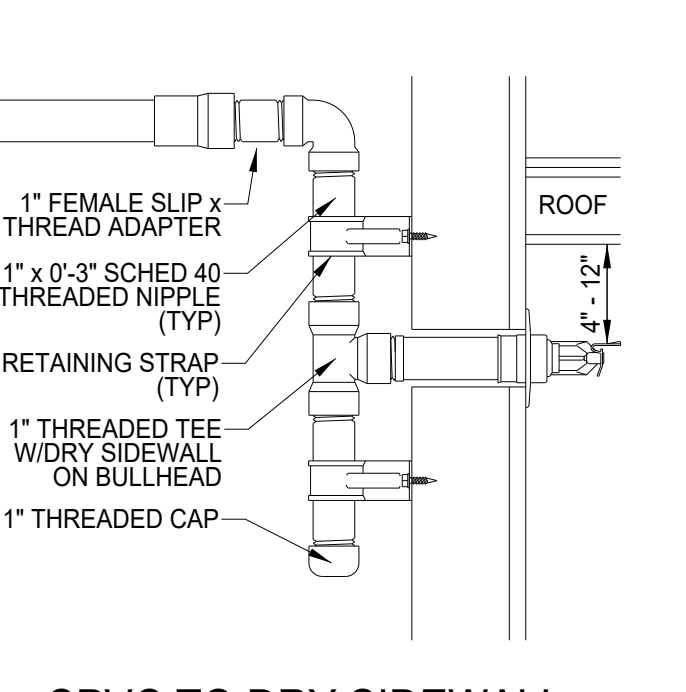
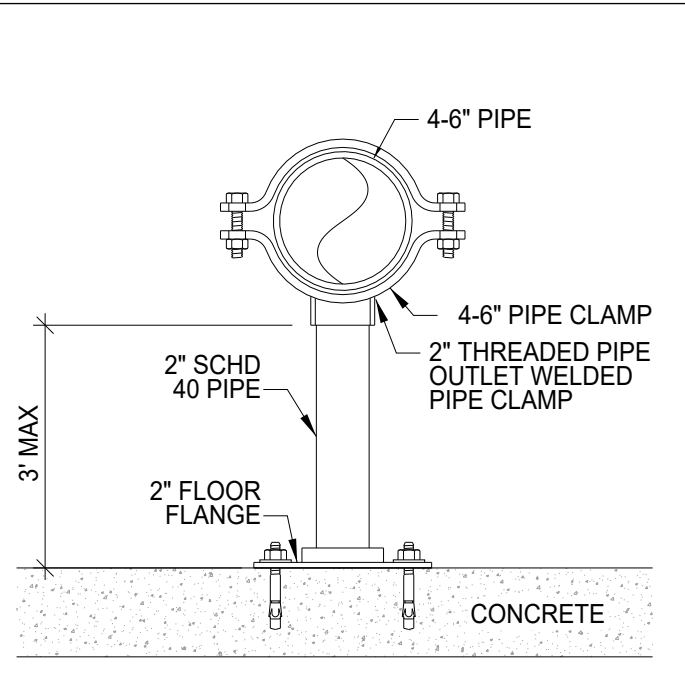
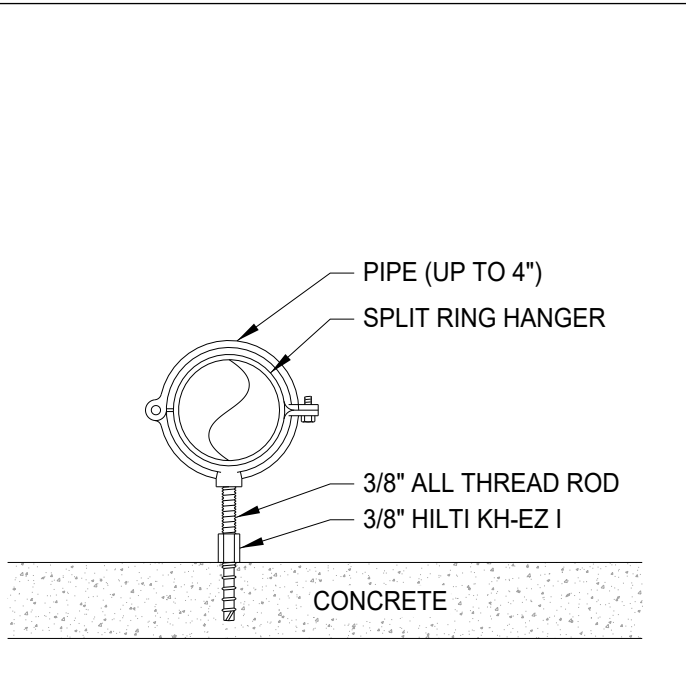
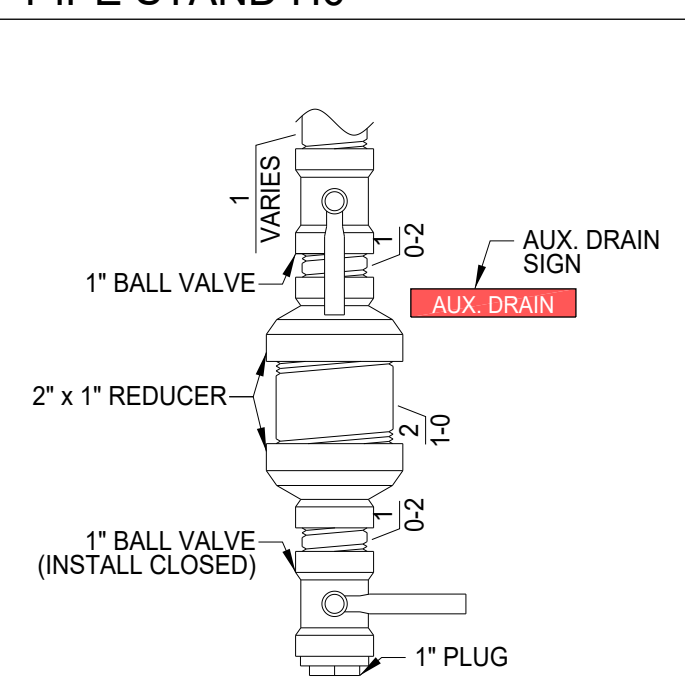
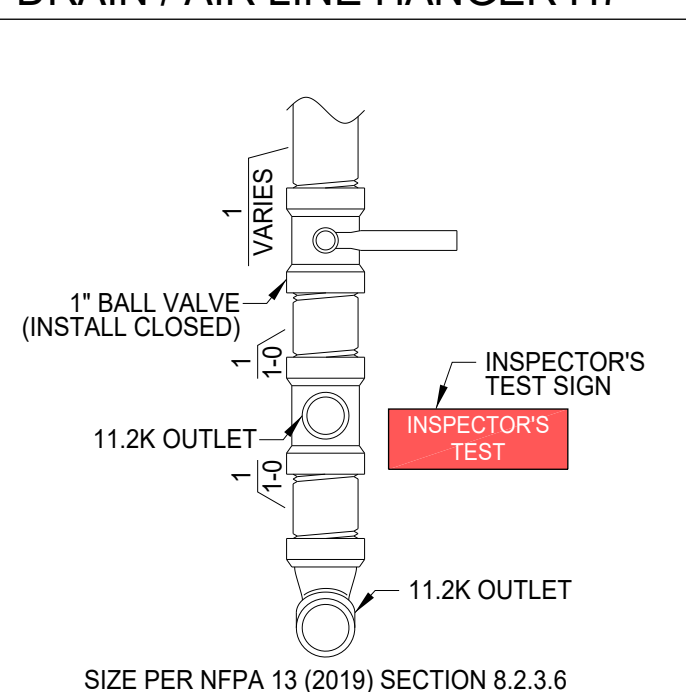
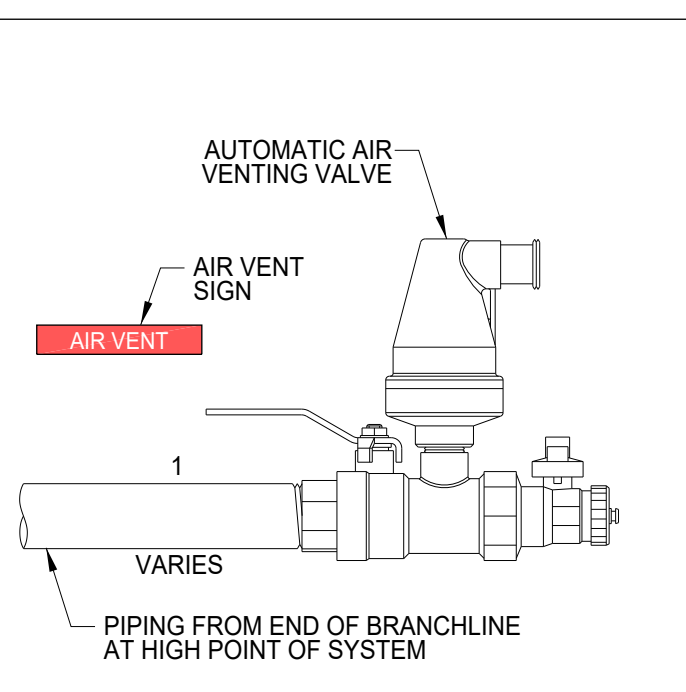
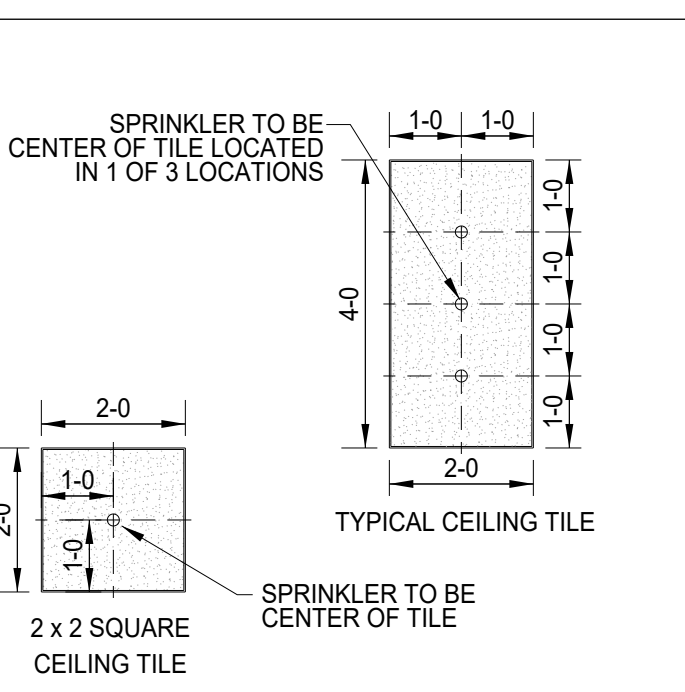
Contract With:
WALSH CONSTRUCTION
315 5TH AVE S, SUITE 600
SEATTLE, WA 98104
PM: QUASIM GILL
Phone: 206-413-1954
Email: quasim@walshconstruction.com

Contract Name:
BRADLEY PARK CARE CENTER

707 39TH AVE SE, BLDG B
PUYALLUP, WA 98374

Drawing Title
STANDARD DETAILS

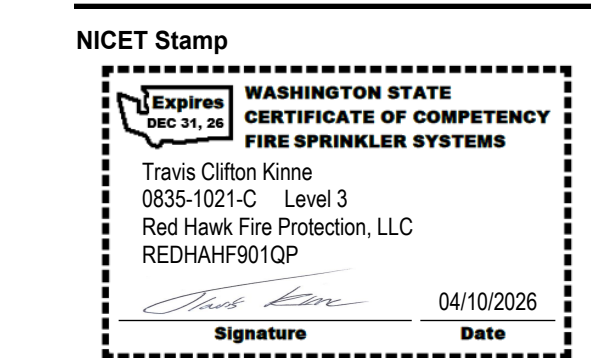
Date: April 10, 2026
Job Number: 70120
Designer: BROOKE MCDANIELS
Building Permit:
Drawing No.

 WOOD BEAM DEWALT SUSPENDER N.T.S.	 WOOD BEAM DEWALT SUSPENDER N.T.S.	 OPEN WEB TRUSS DEWALT SUSPENDER N.T.S.	 AFCON FIG 187 TO WOOD TRUSS CPVC HANGER N.T.S.	 AFCON FIG 188 TO WOOD TRUSS CPVC HANGER N.T.S.
H1 HANGER DETAIL - H1	H2 HANGER DETAIL - H2	H3 HANGER DETAIL - H3	H4 HANGER DETAIL - H4	H5 HANGER DETAIL - H5
 TOLCO FIG 29 TO WOOD TRUSS CPVC HANGER N.T.S.	 BLR BRANCHLINE RESTRAINT N.T.S.	 BLR 2 BRANCHLINE RESTRAINT N.T.S.	 B9 SWAY BRACE TYPE "B" 45°-59° N.T.S.	 B8 SWAY BRACE TYPE "H" 45°-59° N.T.S.
H6 HANGER DETAIL - H6	L1 LINE RESTRAINT - L1	L2 LINE RESTRAINT - L2	- -	B9 BRACING DETAIL - B9
 EQ - ANGLE IRON TO TRUSS N.T.S.	 B1, B3, B4 SWAY BRACE TYPE "B" 45°-59° N.T.S.	 B6 & B10 SWAY BRACE TYPE "B" 45°-59° N.T.S.	 B2, B5, B7 & B11 SWAY BRACE TYPE "B" 45°-59° N.T.S.	 B8 SWAY BRACE TYPE "H" 45°-59° N.T.S.
- BRACING DETAIL - B1	- BRACING DETAIL - B1, B3 & B4	- BRACING DETAIL - B6 & B10	- BRACING DETAIL - B2, B5, B7, & B11	B8 BRACING DETAIL - B8
 UNOBSTRUCTED CONSTRUCTION UPRIGHT DISTANCE TO DECK N.T.S.	 CPVC IN UNOBSTRUCTED COMBUSTIBLE CONSTRUCTION CC3 DEFLECTOR POSITION N.T.S.	 CPVC TO DRY SIDEWALL N.T.S.	 PENDENT SPRINKLER PENDENT DOWN & FLEX DROP FLEX DROP DETAIL N.T.S.	
P1 PIPING DETAIL - P1	P2 PIPING DETAIL - P2	P3 PIPING DETAIL - P3	P4 PIPING DETAIL - P4	P5 PIPING DETAIL - P5
 PIPE STAND N.T.S.	 SPLIT RING HANGER N.T.S.			
H6 PIPE STAND H6	H7 DRAIN / AIR LINE HANGER H7	- -	- -	- -
 DRUM DRIP ASSEMBLY N.T.S.	 INSPECTOR'S TEST N.T.S.	 AUTOMATIC AIR VENT N.T.S.		 SPRINKLERS IN ACT CEILINGS N.T.S.
P9 PIPEING DETAIL - P9	P10 PIPING DETAIL - P10	P11 PIPING DETAIL - P11	- -	C1 CEILING PANEL DETAIL - C1



Ever Vigilant

801 VALLEY AVE NW, SUITE D
PUYALLUP, WA 98371
PHONE: (253) 840-9900 FAX: (800) 591-4382
WA CL# REDHAF9010P



Approvals Required
CITY OF PUYALLUP
OWNER / ARCHITECT

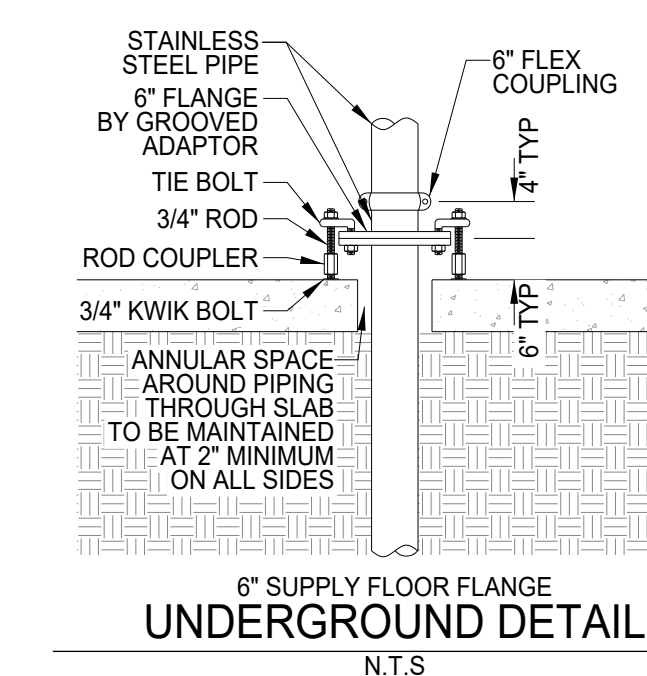
Revisions

City of Puyallup Development & Permitting Services ISSUED PERMIT
Building Planning
Engineering Public Works
Fire Traffic

UNDERGROUND NOTES

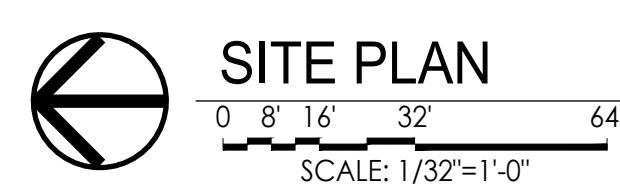
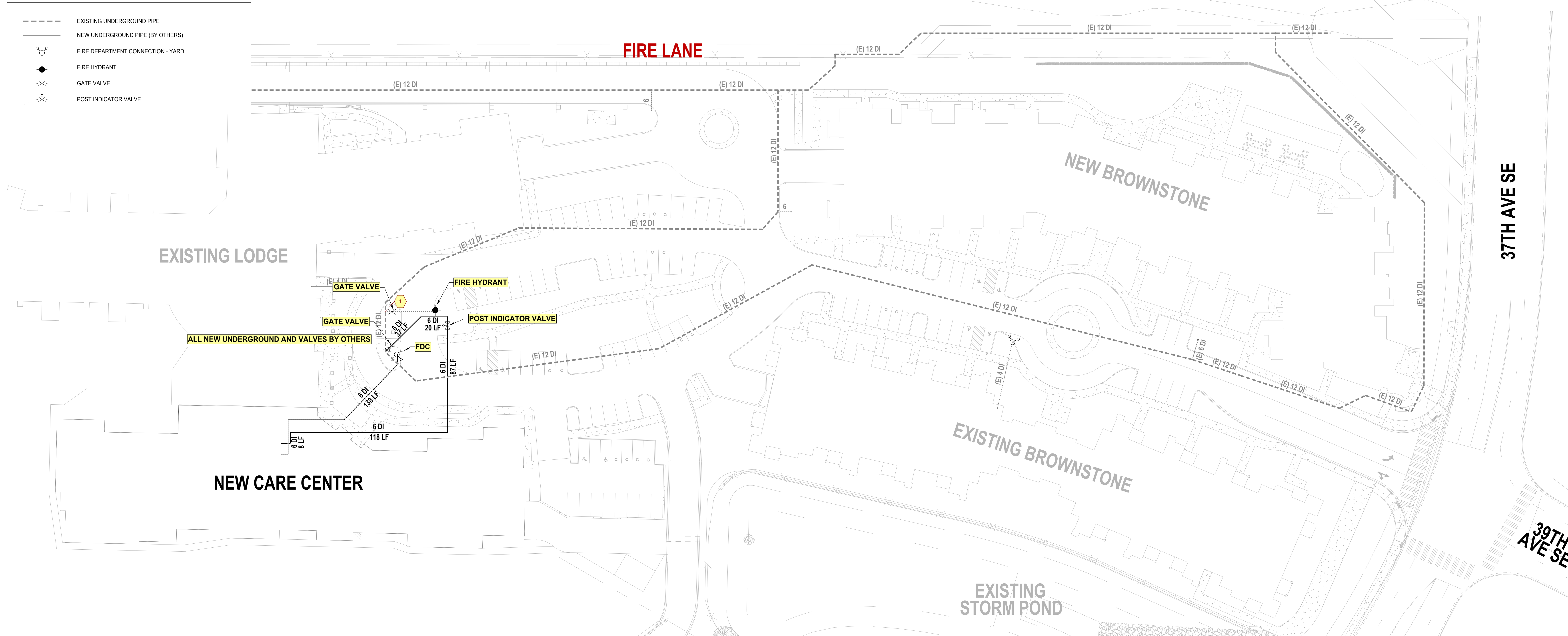
- 01 - ALL UNDERGROUND WORK BY OTHERS. CONTRACTOR TO BE STATE LICENSED AND CERTIFIED TO INSTALL UNDERGROUND PIPING PER WAC 212-80.
- 02 - PIPE TYPE AND CLASS TO MEET LOCAL JURISDICTION APPROVAL.
- 03 - ALL UNDERGROUND PIPING SHALL HAVE 3 FEET MINIMUM BURY DEPTH TO TOP OF PIPE.
- 04 - ALL UNDERGROUND PIPING SHALL BE UL LISTED AND/OR FM APPROVED FOR FIRE PROTECTION.
- 05 - ALL UNDERGROUND PIPING SHALL BE RESTRAINED IN ACCORDANCE WITH THE SPECIFICATIONS AND NFPA 24 (LATEST EDITION).
- 06 - ALL UNDERGROUND PIPING SHALL BE HYDROSTATICALLY TESTED AT NOT LESS THAN 200 PSI OR 50 PSI ABOVE STATIC PRESSURE IN EXCESS OF 150 PSI (WHICHEVER IS GREATER) FOR TWO HOURS IN ACCORDANCE WITH NFPA 24.
- 07 - 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" - 490 GPM	10" - 2,400 GPM
6" - 880 GPM	12" - 3,520 GPM
8" - 1,560 GPM	
- 08 - ALL UNDERGROUND PIPING SHALL BE STERILIZED PER LOCAL JURISDICTION REQUIREMENTS.



SITE SYMBOL LEGEND

- EXISTING UNDERGROUND PIPE
- NEW UNDERGROUND PIPE (BY OTHERS)
- FIRE DEPARTMENT CONNECTION - YARD
- FIRE HYDRANT
- ⊗ GATE VALVE
- ⊗ POST INDICATOR VALVE



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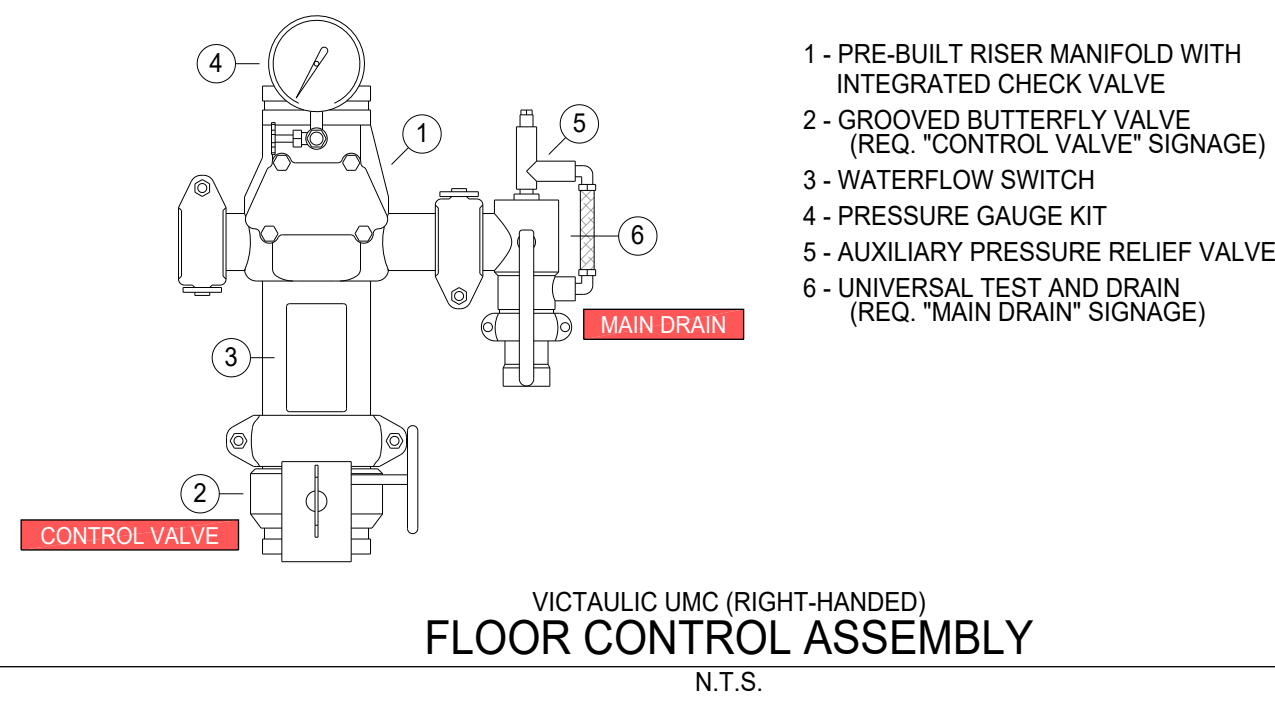
Contract Name:
BRADLEY PARK CARE CENTER

707 39TH AVE SE, BLDG B
PUYALLUP, WA 98374

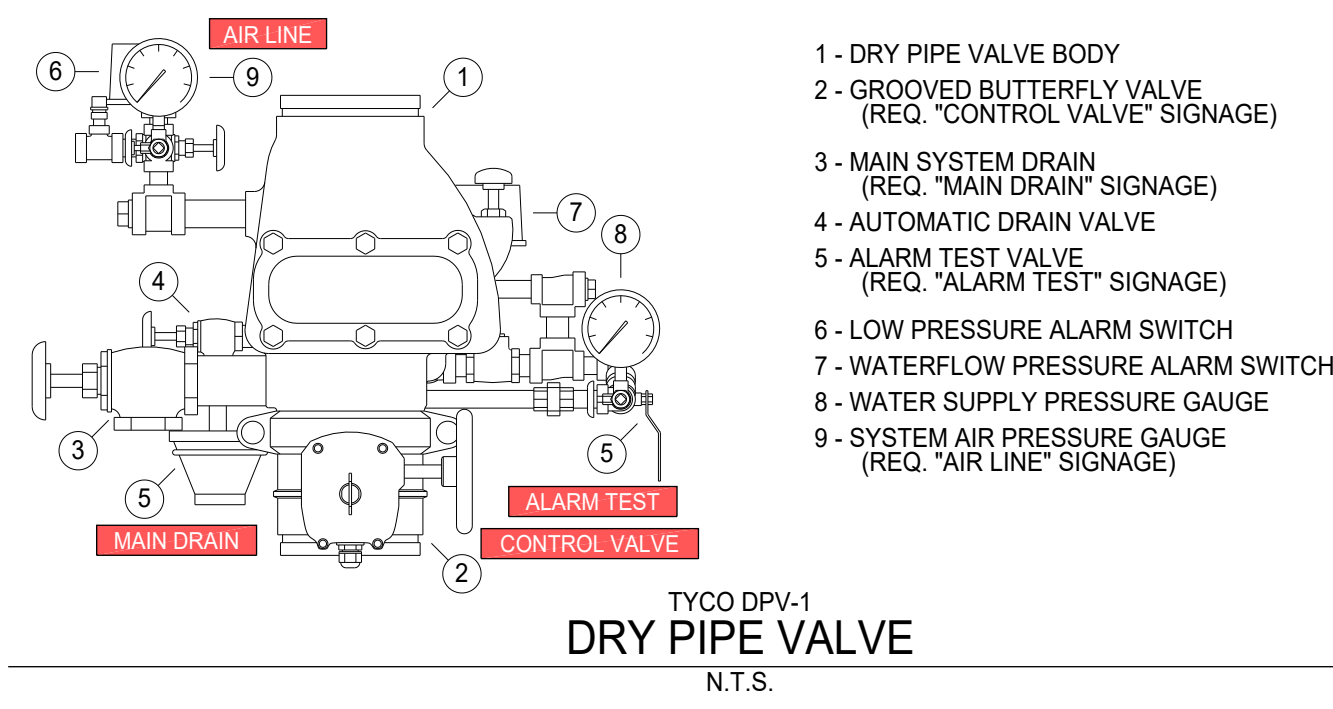
Drawing Title
SITE PLAN

Date: April 10, 2026
Job Number: 70120
Designer: BROOKE MCDANIELS
Building Permit:
Drawing No.

FP 0.20



VICTAULIC UMC (RIGHT-HANDED)
FLOOR CONTROL ASSEMBLY
N.T.S.



TYCO DPV-1
DRY PIPE VALVE
N.T.S.

SPARE SPRINKLER STOCK BOX CONTENTS

QTY	MANUFACTURER	SIN	MODEL	K-FACTOR	TYPE	THREAD	RESP	TEMP	FINISH	TRIM STYLE (NOT INCL.)	WRENCH
2	TYCO	TY313	TY-FRB	5.6	SSU	1/2"	QUICK	155°F	BRASS	NO TRIM	W-6
2	TYCO	TY313	TY-FRB	5.6	SSU	1/2"	QUICK	200°F	BRASS	NO TRIM	W-6
2	TYCO	TY3137	EC-11	11.2	EC SSU	1/2"	QUICK	155°F	BRASS	NO TRIM	W-3
2	TYCO	TY2534	LFII	4.9	RESI SSP	1/2"	FAST	155°F	WHITE	139° FLAT COVERPLATE	W-44
2	TYCO	TY3582	RFII-C	5.6	CORR SSP	1/2"	QUICK	155°F	BRASS	139° FLAT COVERPLATE	W-40
2	TYCO	TY2534	LFII	4.9	RESI SSP	1/2"	FAST	200°F	WHITE	165° FLAT COVERPLATE	W-44
2	TYCO	TY3531	RFII	5.6	SSP	1/2"	QUICK	155°F	WHITE	139° FLAT COVERPLATE	RFII
2	TYCO	TY3335	DS-1	5.6	DRY HSW	1"	QUICK	155°F	BRASS	STANDARD ESC	W-7
2	RELIABLE	RA5622	DD80-6	8.0	ATTIC BB	1/2"	QUICK	212°F	BRASS	NO TRIM	W2
2	TYCO	TY3187	HIP	5.6	ATTIC HIP	1/2"	QUICK	200°F	BRASS	NO TRIM	W-20
2	TYCO	TY3190	AP	5.6	ATTIC AP	1/2"	QUICK	200°F	BRASS	NO TRIM	W-6
2	TYCO	TY3183	SD1	5.6	ATTIC SD1	1/2"	QUICK	212°F	BRASS	NO TRIM	ADJUST

MINIMUM SPRINKLER STOCK IN BOX: 24

RISER ROOM COMPONENTS LEGEND

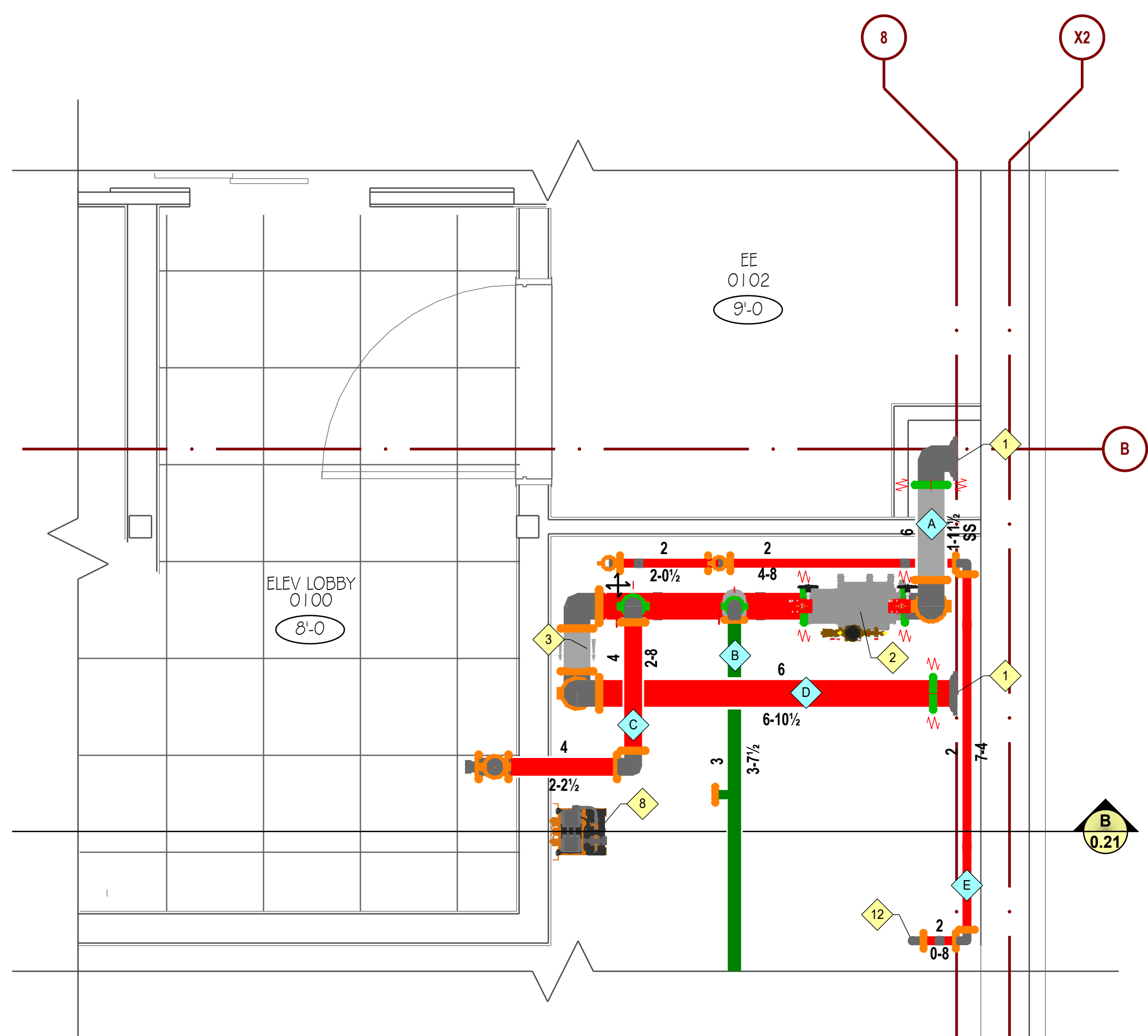
TAG	QTY	SIZE	DESCRIPTION	MANUFACTURER	MODEL	REQ. SIGNAGE
1	2	6"	GROOVE X FLANGE ADAPTER	ANVIL	SPF F-3	N/A
2	1	6"	GROOVED DOUBLE CHECK DETECTOR ASSEMBLY	AMES / WATTS	DERINGER 30	CONTROL VALVE (2)
3	1	6"	GROOVED CHECK VALVE	LANSDALE	LVCVGG	N/A
4	1	1"	THREADED BALL VALVE	LANSDALE	LVBV	AUX DRAIN
5	1	3"	DRY PIPE VALVE (SEE DPV-1 DETAIL)	TYCO	DPV-1	SEE DPV-1 DETAIL (FP0.10)
6	1	4"	WET RISER MANIFOLD W/ CONTROL VALVE	VICTAULIC	UM	SEE UM DETAIL (FP0.10)
7	2	6"	6" PIPE CLAMP STAND W/ 2" SCH 40 PIPE	RHFP	N/A	N/A
8	1	448 GAL	AIR COMPRESSOR W/ AIR TANK	C-AIRE	S280R	AIR LINE
9	1	N/A	AIR MAINTENANCE DEVICE	GENERAL AIR	AMD-1	AIR LINE
10	1	12 CT	SPARE SPRINKLER STOCK BOX	ARGOCO	8510150	SEE STOCK LIST
11	2	2"	GROOVED DRAIN HOSE	RELIABLE	STREAMLINE	N/A
12	1	4" x 6"	HUB DRAIN	-	-	INSTALL BY OTHERS
13	1	10"	ALARM BELL (NOT SHOWN)	POTTER	MBA-10-24	INSTALL BY OTHERS
A	1	6"	FIRE SUPPLY LINE	-	-	-
B	1	3"	DRY SYSTEM RISER	-	-	-
C	1	4"	WET SYSTEM RISER	-	-	-
D	1	6"	FDC SUPPLY	-	-	-
E	1	2"	MAIN DRAIN	-	-	-

RISER NOTES

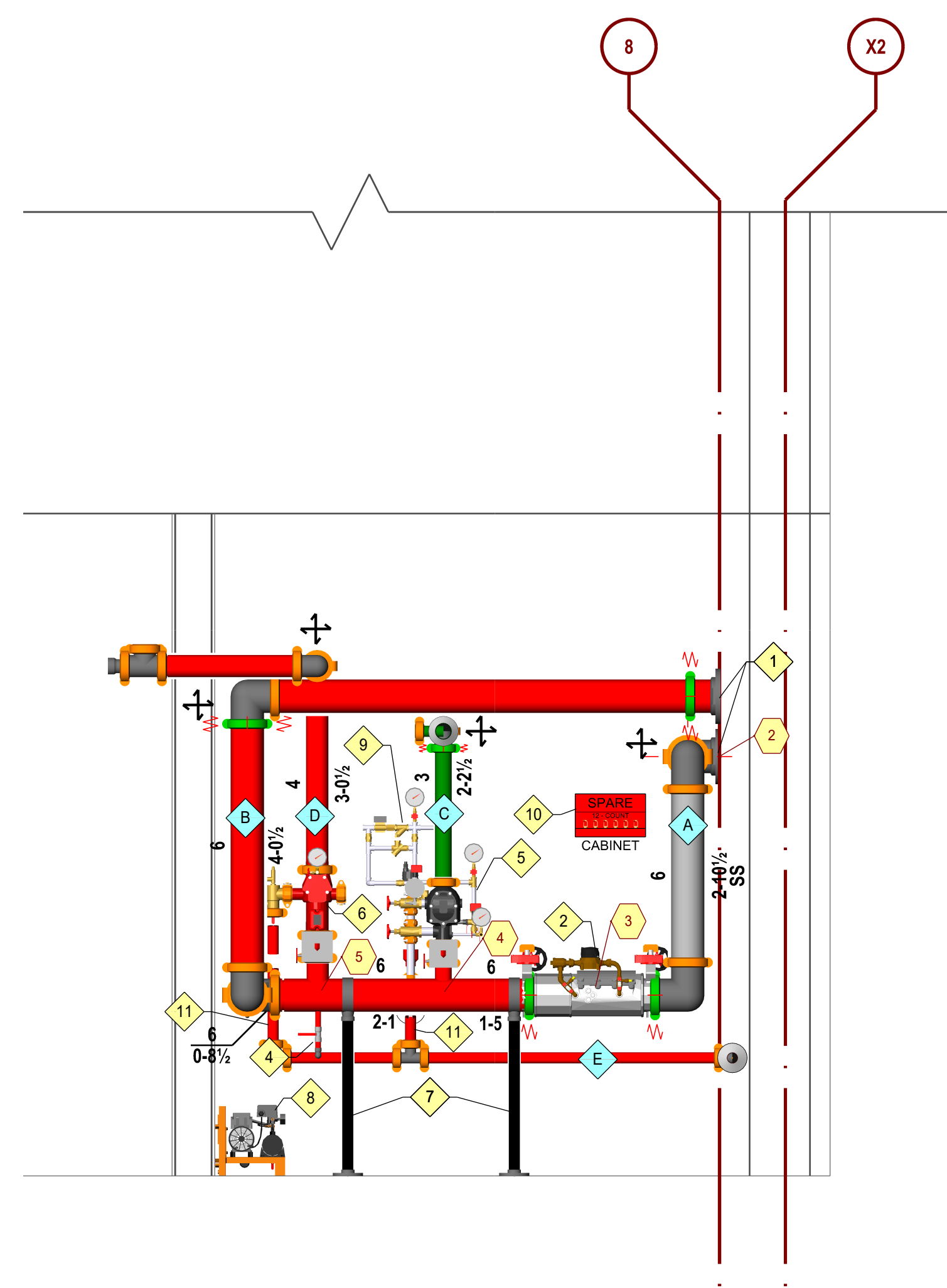
- ALL RISER ROOM PIPING TO BE HUNG AND BRACED PER NFPA 13. SEE BRACING DETAILS.
- ALL FITTINGS TO BE SHORT PATTERN FITTINGS UNO.
- ALL COUPLINGS TO BE RIGID UNO.
- SPARE SPRINKLER STOCK BOX TO BE SECURED TO RISER ROOM WALL.
- SPARE SPRINKLER STOCK BOX TO CONTAIN MINIMUM NUMBER OF SPECIFIED SPRINKLERS PER NFPA 13. LIST OF STOCK TO BE PROVIDED ON BOX.
- ALL SIGNAGE TO BE 6" x 2" AND TO BE SECURED TO SYSTEM AT THE GIVEN LOCATIONS WITH JACK CHAIN.
- HYDRAULIC CALCULATION, SYSTEM DESIGNATION, AND INFORMATION PLACARD STICKERS TO BE INSTALLED ON ALL SYSTEM MAIN FEED PIPES ABOVE MAIN CONTROL VALVE.
- ALARM BELL WITH BACKER BOX TO BE PROVIDED BY RHFP. MOUNTING LOCATION, INSTALLATION AND WIRING TO BE BY OTHERS.

DRY SYSTEM INFO

DRY SYSTEM SIZE: 412 GALLONS
 COMPRESSOR AIR PRESSURE: 20-28 PSI
 COMPRESSOR MAX SYSTEM SIZE: 448 GALLONS
 ACCELERATOR REQUIRED: NO
 REQUIRED TO MEET TRIP TIME: NO
 *PER NFPA 13 (2019) SECTION 8.2.3.3



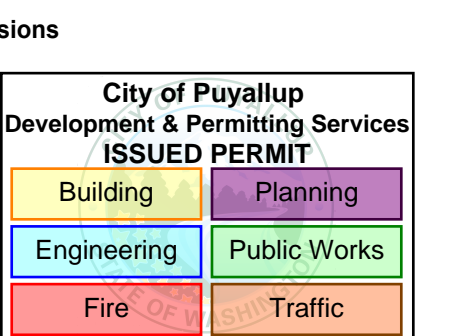
A RISER ROOM PLAN
 SCALE: 1/2"=1'-0"



A RISER ROOM SECTION
 SCALE: 1/2"=1'-0"



Approvals Required
 CITY OF PUYALLUP
 OWNER / ARCHITECT



Contract With:
WALSH CONSTRUCTION
 315 5TH AVE S, SUITE 600
 SEATTLE, WA 98104
 PM: QUASIM GILL
 Phone: 206-413-1954
 Email: QUASIM@WALSHCONSTRUCTION.COM

Contract Name:
BRADLEY PARK CARE CENTER

707 39TH AVE SE, BLDG B
 PUYALLUP, WA 98374

Drawing Title
RISERS DETAILS

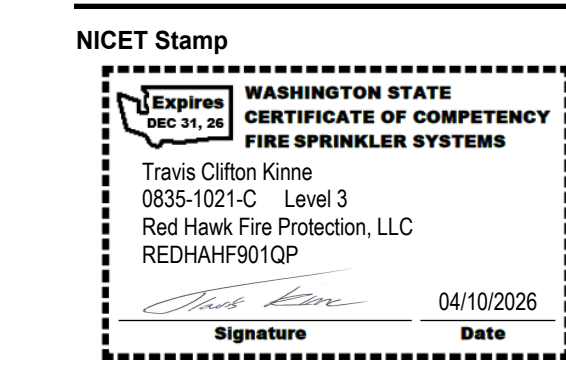
Date: April 10, 2026
 Job Number: 70120
 Designer: BROOKE MCDANIELS
 Building Permit:

Drawing No.



Ever Vigilant

801 VALLEY AVE NW, SUITE D
PUYALLUP, WA 98371
PHONE: (253) 840-9900 FAX: (800) 591-4382
WA CL# REDHAHP9010P



Approvals Required
CITY OF PUYALLUP
OWNER / ARCHITECT

Revisions

City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

RIDGE VENT @ PEAK (VENT SHINGLES ONLY)
- ASPHALT SHINGLES
- (2) LAYERS SYNTHETIC FELT
- R10 INSUL / VENTED
- ICE / WATER SHIELD @ EAVES, VALLEYS, PENETRATIONS, & RAKES;
- APPLY OVER ENTIRE ROOF FOR SLOPES LESS THAN 4:12
- ROOF SHEETING PER STRUCT
- ROOF TRUSSES PER STRUCT
- R38 SPRAY FOAM @ UNDERSIDE OF SHEETING
- 1/2" RESILIENT CHANNEL @ 12" O.C.
- 1 LAYER 5/8" TYPE "C" GYP BD
1 HR RATING

ADHERED SBS MULTI-PLY ROOFING
- 1/2" GYP COVERBD
- R50 AVERAGE INSUL (R40 MIN : R70 MAX)
- 5/8" PLYWD ROOF SHEATHING
- WOOD FRAMING PER STRUCT
- 6 MIL VAPOR RETARDER (CLASS I)
- 1/2" RESILIENT CHANNEL @ 12" OC
- 1 LAYER 5/8" TYPE "C" GYP BD
1 HR RATING

ADHERED SBS MULTI-PLY ROOFING
- TAPERED INSULATION TO DRAIN
- R45.5 AVERAGE INSULATION; R40 MIN : R45 MAX
- SELF-ADHERED VAPOR BARRIER
- PLYWOOD ROOF SHEATHING / COVERBD
- 2X T&G DECKING (EXPOSED UNDERSIDE)
- GLULAM WOOD STRUCTURE (SEE STRUCT)
1 HR RATING

1" GYPCRETE TOPPING
- 1/4" SOUND ATTENUATION MAT
- 3/4" T&G PLYWOOD FLOOR SHEATHING
- WOOD FLOOR TRUSSES, PER STRUCT
- FULL DEPTH BLOWN INSUL (R60)
- 1/2" RESILIENT CHANNEL @ 12" OC
- 1 LAYER 5/8" TYPE "C" GYP BD
1 HR RATING

1 SLOPED ROOF / CEILING UNVENTED

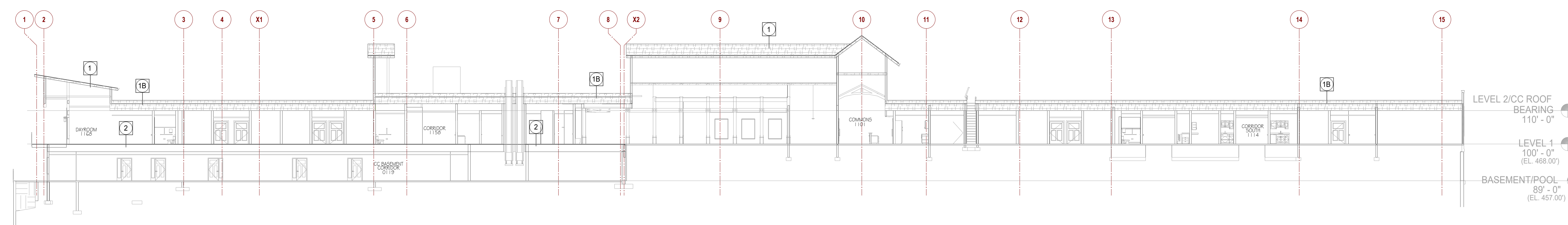
1B MEMBRANE ROOF / CEILING

1E POOL MEMBRANE ROOF / CEILING

2 TYP FLOOR / CEILING



B BUILDING SECTION
SCALE: 1/16"=1'-0"



A BUILDING SECTION
SCALE: 1/16"=1'-0"

Contract With:
WALSH CONSTRUCTION
315 5TH AVE S, SUITE 600
SEATTLE, WA 98104
PM: QUASIM GILL
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Email:
C2011@WALSHCONSTRUCTION.COM

Contract Name:
BRADLEY PARK CARE CENTER

707 39TH AVE SE, BLDG B
PUYALLUP, WA 98374

Drawing Title
BUILDING SECTION

Date: April 10, 2026
Job Number: 70120
Designer: BROOKE MCDANIELS
Building Permit:
Drawing No.

CEILING LEGEND

	OPEN TO STRUCTURE ABOVE
	ACT CEILING BELOW DECK
	GWB CEILING BELOW DECK
	STAINED T&G ATTACHED TO BOTTOM OF STRUCTURE

SPRINKLER LEGEND - ALL LEVEL 0

SYMBOL	MANU	SIN	MODEL	K-FACTOR	TYPE	THREAD	RESP	FINISH	TEMP	NOTE	QTY
	Tyco	TY313	TY-FRB	5.6	Upright	1/2"	Quick	Brass	200°F	ON-SPRIG	155
	Reliable	R5714	F3QR56 DRY	5.6	Pendent	1/2"	Quick	White Polyester	200°F	Flex Dry Pendent	5
	Tyco	TY313	TY-FRB	5.6	Upright	1/2"	Quick	Brass	200°F		77
	Tyco	TY3531	RFII	5.6	Concealed Pendent	1/2"	Quick	Brass	200°F	On Flexhose	22
	Tyco	TY3531	RFII	5.6	Concealed Pendent	1/2"	Quick	Brass	200°F	Hard-Piped	33
	Tyco	TY3585	RFII-C	5.6	Concealed Pendent	1/2"	Quick	Brass	200°F	Max Spacing 28"	1
	Tyco	TY3331	TY-FRB	5.6	Horizontal Sidewall	1/2"	Quick	Brass	200°F	Elevator Pit	7
ALL COVERPLATES TO BE WHITE											Total = 300

INSTALLER NOTES

- 01 - ALL BRANCHLINES TO BE 10'-0" FF / 1'-0" BD UNO.
- 02 - ALL DRY SYSTEM ARM-OVERS TO BE 0'-10" UNO.
- 03 - ALL DRY SYSTEM SPRIGS TO BE 1'-10" UNO.
- 04 - ALL RETURN BENDS TO COME UP WITH A 0'-2 1/2" NIPLLE UNO.
- 05 - ALL ARM OVERS 2'-0" OR LONGER REQUIRE HANGER.
- 06 - ALL FLEX DROPS TO BE 72" UNO.
- 07 - ALL NEW SPRINKLERS IN ACT CEILING TO BE TILE DETAIL ON SHEET FP0.10.

Hydraulic Information	
Remote Area LDA1	
OCCUPANCY CLASSIFICATION	Light Hazard
DENSITY (gpm/ft²)	0.100 for 1950.00ft² (Actual 911.35ft²)
TOTAL HOSE STREAMS	100.00
DRY CAPACITY	411.13gal
TOTAL HEADS FLOWING	11
K-FACTOR	5.6
TOTAL WATER REQUIRED	281.55
TOTAL PRESSURE REQUIRED	66.761
BASE OF RISER (gpm) (BOR)	181.55
BASE OF RISER (psi) (BOR)	68.039
SAFETY MARGIN (psi)	+14.635 (18.0%)

Hydraulic Information	
Remote Area LDA2	
OCCUPANCY CLASSIFICATION	Light Hazard
DENSITY (gpm/ft²)	0.100 for 1500.00ft² (Actual 193.60ft²)
QUICK RESPONSE REDUCTION	10-8 Ceiling (38.0%) 915.00ft²
TOTAL HOSE STREAMS	100.00
TOTAL HEADS FLOWING	5
K-FACTOR	5.6
TOTAL WATER REQUIRED	177.34
TOTAL PRESSURE REQUIRED	20.236
BASE OF RISER (gpm) (BOR)	77.34
BASE OF RISER (psi) (BOR)	21.861
SAFETY MARGIN (psi)	+61.508 (75.2%)
*ROOM DESIGN	

Hydraulic Information	
Remote Area LDA3	
OCCUPANCY CLASSIFICATION	Light Hazard
DENSITY (gpm/ft²)	0.100 for 1500.00ft² (Actual 985.82ft²)
QUICK RESPONSE REDUCTION	10-8 Ceiling (38.0%) 915.00ft²
TOTAL HOSE STREAMS	100.00
TOTAL HEADS FLOWING	12
K-FACTOR	5.6
TOTAL WATER REQUIRED	374.98
TOTAL PRESSURE REQUIRED	70.452
BASE OF RISER (gpm) (BOR)	274.98
BASE OF RISER (psi) (BOR)	71.223
SAFETY MARGIN (psi)	+19.522 (13.0%)



Approvals Required
CITY OF PUYALLUP
OWNER / ARCHITECT

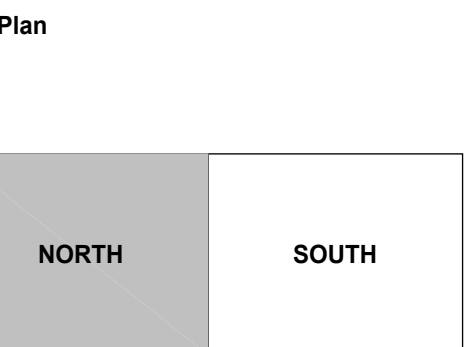
Revisions	
City of Puyallup Development & Permitting Services	ISSUED PERMIT
Building	Planning
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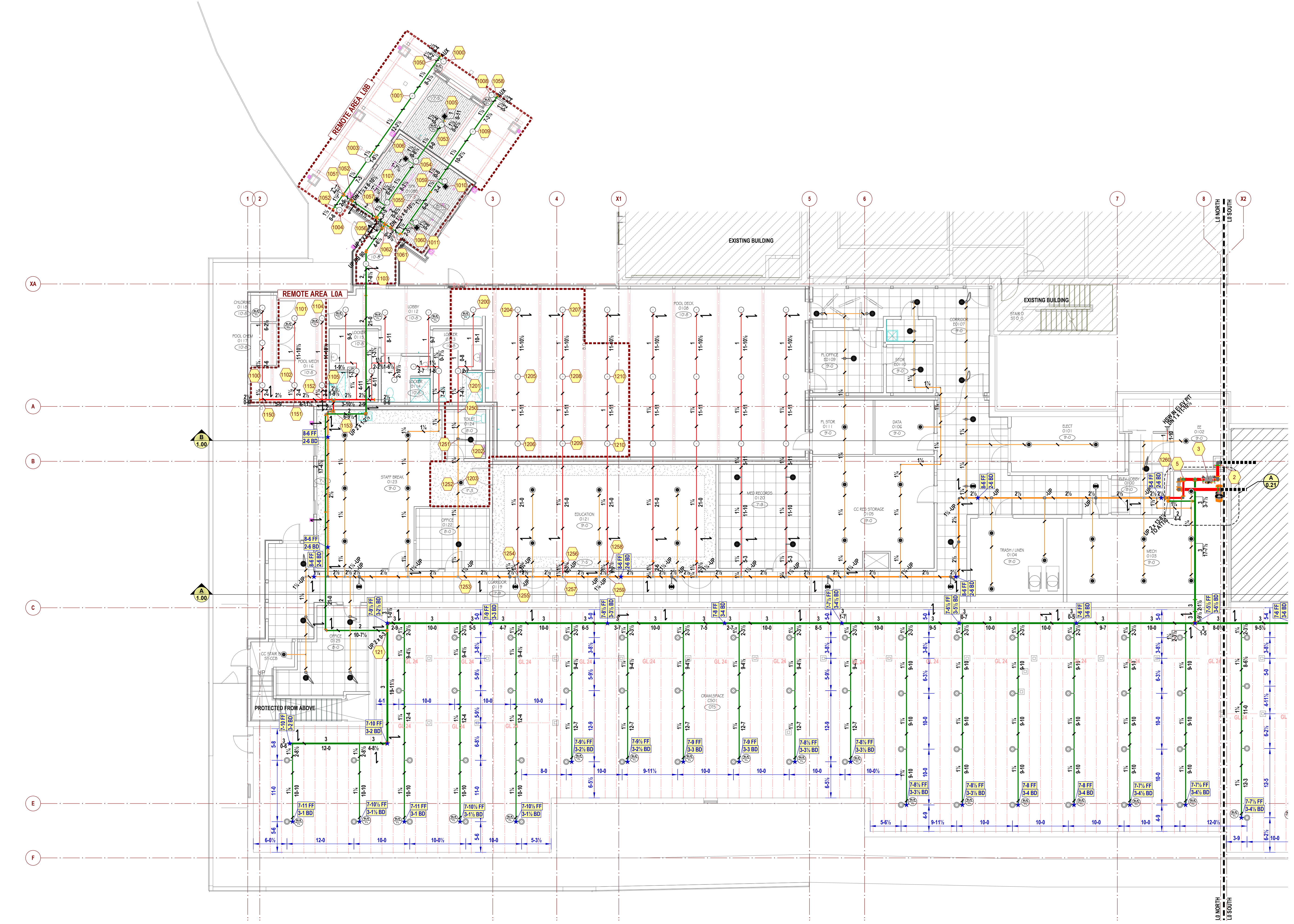
707 39TH AVE SE, BLDG B
PUYALLUP, WA 98374

Drawing Title
FIRE SPRINKLER PLAN - LEVEL 0 NORTH






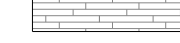
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Job Number: 70120
Designer: BROOKE MCDANIELS
Building Permit:
Drawing No.

FP 2.00

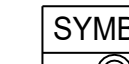
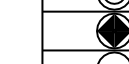
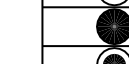
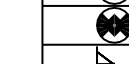



FIRE SPRINKLER PLAN - LEVEL 0 NORTH
SCALE: 1/8"=1'-0"

CEILING LEGEND

-  OPEN TO STRUCTURE ABOVE
-  ACT CEILING BELOW DECK
-  GWB CEILING BELOW DECK
-  STAINED T&G ATTACHED TO BOTTOM OF STRUCTURE

SPRINKLER LEGEND - ALL LEVEL 0

SYMBOL	MANU	SIN	MODEL	K-FACTOR	TYPE	THREAD	RESP	FINISH	TEMP	NOTE	QTY
	Tyco	TY313	TY-FRB	5.6	Upright	1/2"	Quick	Brass	200°F	ON-SPRIG	155
	Reliable	R5714	F3QR56 DRY	5.6	Pendent	1/2"	Quick	White Polyester	200°F	Flex Dry Pendent	5
	Tyco	TY313	TY-FRB	5.6	Upright	1/2"	Quick	Brass	200°F		77
	Tyco	TY3531	RFII	5.6	Concealed Pendent	1/2"	Quick	Brass	200°F	On Flexhose	33
	Tyco	TY3585	RFII-C	5.6	Concealed Pendent	1/2"	Quick	Brass	200°F	Hard-Piped	22
	Tyco	TY3331	TY-FRB	5.6	Horizontal Sidewall	1/2"	Quick	Brass	200°F	Max Spacing 28"	7
Total = 300											

ALL COVERPLATES TO BE WHITE

Hydraulic Information	
Remote Area LDC	
OCCUPANCY CLASSIFICATION	Light Hazard
DENSITY (ppm/ft ²)	0.100 for 1950.00ft ² (Actual 1956.21ft ²)
TOTAL HOSE STREAMS	100.00
DRY CAPACITY	411.13gal
TOTAL HEADS FLOWING	21
K-FACTOR	5.6
TOTAL WATER REQUIRED	452.96
TOTAL PRESSURE REQUIRED	62.265
BASE OF RISER (ppm) (BOR)	352.96
BASE OF RISER (psi) (BOR)	62.483
SAFETY MARGIN (psi)	+18.279 (22.7%)

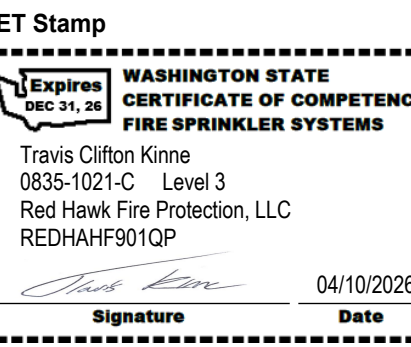
INSTALLER NOTES

- 01 - ALL BRANCHLINES TO BE 10'-0" FF / 1'-0" BD UNO.
- 02 - ALL DRY SYSTEM ARM-OVERS TO BE 0'-10" UNO.
- 03 - ALL DRY SYSTEM SPRIGS TO BE 1'-10" UNO.
- 04 - ALL RETURN BENDS TO COME UP WITH A 0'-2 1/2" NIPPLE UNO.
- 05 - ALL ARM OVERS 2'-0" OR LONGER REQUIRE HANGER.
- 06 - ALL FLEX DROPS TO BE 72" UNO.
- 07 - ALL NEW SPRINKLERS IN ACT CEILING TO BE TILE DETAIL ON SHEET FP0.10.



Ever Vigilant

801 VALLEY AVE NW, SUITE D
PUYALLUP, WA 98371
PHONE: (253) 840-9900 FAX: (800) 591-4382
WA CL# REDHAWKFP010P



Approvals Required
CITY OF PUYALLUP
OWNER / ARCHITECT

Revisions

City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

Contract With:

**WALSH
CONSTRUCTION**

315 5TH AVE S, SUITE 600
SEATTLE, WA 98104
PM: QUASIM GILL
Phone: 206-413-1954
Email:
qug@walmcconstruction.com

Contract Name:

**BRADLEY PARK
CARE CENTER**

707 39TH AVE SE, BLDG B
PUYALLUP, WA 98374

Drawing Title

**FIRE SPRINKLER PLAN
- LEVEL 0 SOUTH**

Key Plan



Date: April 10, 2026

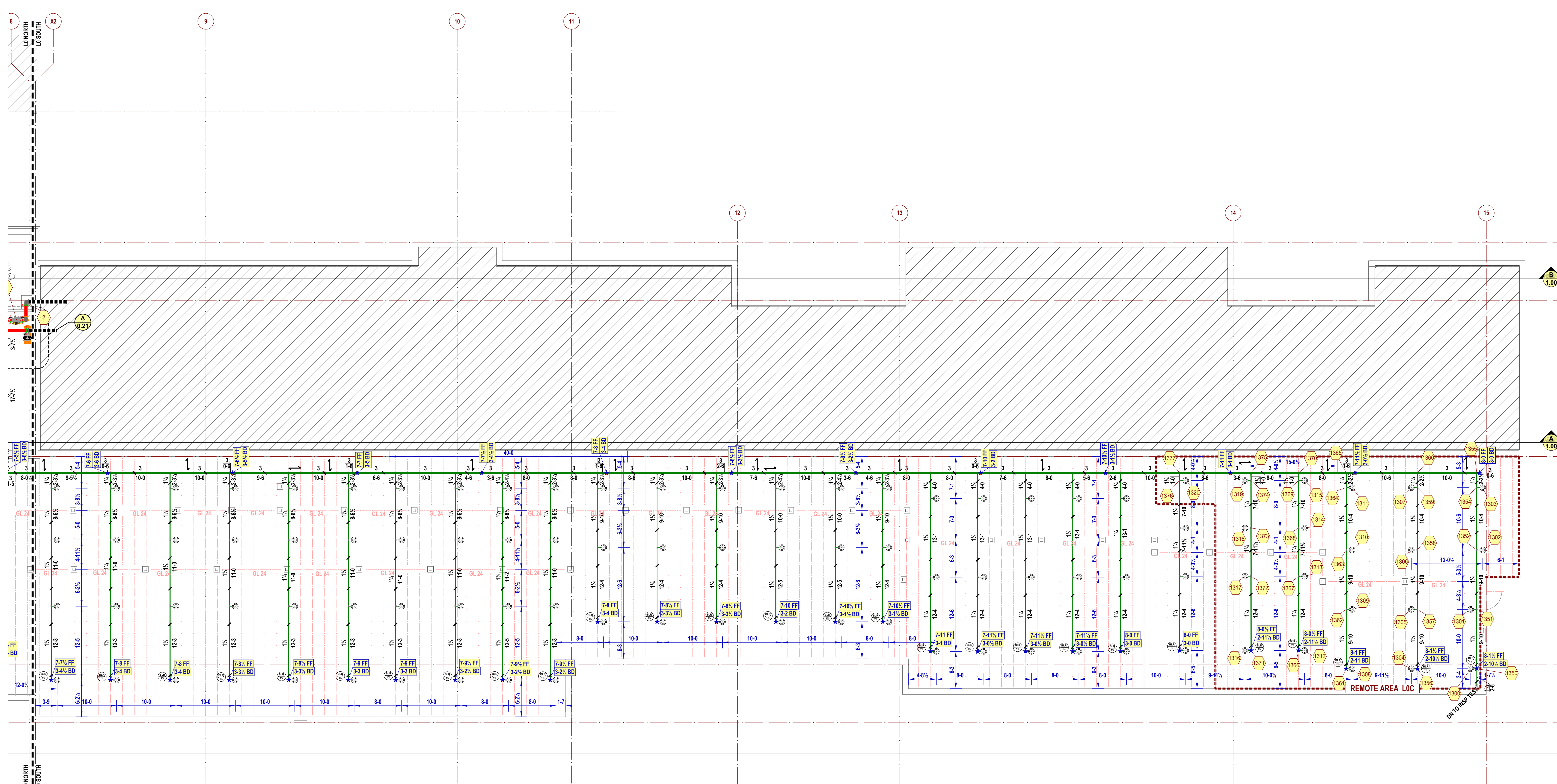
Job Number: 70120

Designer: BROOKE MCDANIELS

Building Permit:

Drawing No.

FP 2.01



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

CEILING LEGEND

	OPEN TO STRUCTURE ABOVE
	ACT CEILING BELOW DECK
	GWB CEILING BELOW DECK
	STAINED T&G ATTACHED TO BOTTOM OF STRUCTURE

SPRINKLER LEGEND - ALL LEVEL 1

SYMBOL	MANU	SIN	MODEL	K-FACTOR	TYPE	THREAD	RESP	FINISH	TEMP	NOTE	QTY
	Tycos	TY3199	CC3	5.6	Upright	1/2"	Quick	Brass	200°F		159
	Tycos	TY3131	TY-FRB	5.6	Upright	1/2"	Quick	Brass	200°F		63
	Viking	VK498	FREEDOM	5.8	Concealed Pendent	1/2"	Fast	Brass	200°F	Hard-Piped	79
	Viking	VK498	FREEDOM	5.8	Concealed Pendent	1/2"	Fast	Brass	200°F	On Flexhose	33
	Tycos	TY3531	RFII	5.6	Concealed Pendent	1/2"	Quick	Brass	200°F	Hard-Piped	42
	Tycos	TY3585	RFII-C	5.6	Concealed Pendent	1/2"	Quick	Brass	200°F	On Flexhose	90
	Tycos	TY3531	RFII	5.6	Concealed Pendent	1/2"	Quick	Brass	200°F	Max Spacing 28"	17
	Tycos	TY3531	RFII	5.6	Concealed Pendent	1/2"	Quick	Brass	200°F	Hard-Piped	2
	Tycos	TY3431	TY-FRB	5.6	Vertical Sidewall	1/2"	Quick	Brass	200°F	Hard-Piped	58
	Tycos	TY3531	RFII	5.6	Concealed Pendent	1/2"	Quick	Brass	200°F	Hard-Piped	1
	Tycos	TY3531	RFII	5.6	Concealed Pendent	1/2"	Quick	Brass	200°F	Hard-Piped	4
ALL COVERPLATES TO BE WHITE											Total = 548

Hydraulic Information

Remote Area L1A1

OCCUPANCY CLASSIFICATION	Residential
DENSITY (gpm/ft ²)	0.100 for 900.00ft ² (Actual 597.89ft ²)
TOTAL HOSE STREAMS	100.00
TOTAL HEADS FLOWING	8
K-FACTOR	5.8
TOTAL WATER REQUIRED	266.61
TOTAL PRESSURE REQUIRED	60.880
SAFETY MARGIN (psi)	+20.574 (25.3%)
CALCULATED FOR 20' x 20' SPACING	

Hydraulic Information

Remote Area L1A2

OCCUPANCY CLASSIFICATION	CORRIDOR
DENSITY (gpm/ft ²)	0.100 for 674.57ft ² (Actual 918.51ft ²)
TOTAL HOSE STREAMS	100.00
TOTAL HEADS FLOWING	8
K-FACTOR	5.6
TOTAL WATER REQUIRED	342.41
TOTAL PRESSURE REQUIRED	55.485
SAFETY MARGIN (psi)	+25.647 (31.6%)
AREA SIZED FOR EXTENDING COVERAGE HEADS ALL SPRINKLERS IN CORRIDOR EXTENDING 75' PER NFPA 13 (2019) 19.3.3.3.7	

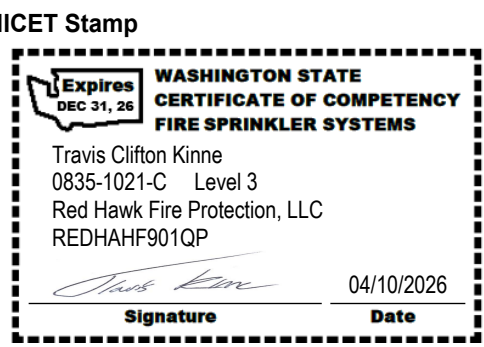
Hydraulic Information

Remote Area L1A3

OCCUPANCY CLASSIFICATION	Concealed Combustible Space
DENSITY (gpm/ft ²)	0.100 for 1000.00ft ² (Actual 1057.80ft ²)
TOTAL HOSE STREAMS	100.00
TOTAL HEADS FLOWING	7
K-FACTOR	5.6
TOTAL WATER REQUIRED	288.00
TOTAL PRESSURE REQUIRED	66.794
BASE OF RISER (gpm) (BOR)	168.00
BASE OF RISER (psi) (BOR)	68.095
SAFETY MARGIN (psi)	+14.454 (18.0%)
CALCULATED FOR 15' x 15' SPACING	

INSTALLER NOTES

- ALL BRANCHLINES TO BE 10'-5 FF / 2'-8 BD UNO.
- ALL RETURN BENDS TO COME UP WITH A 0'-2 1/2" NIPPLE UNO.
- ALL ARM OVERS 2'-0" OR LONGER REQUIRE HANGER.
- ALL FLEX DROPS TO BE 72" UNO.
- ALL NEW SPRINKLERS IN ACT CEILING TO BE TILE DETAIL ON SHEET FP.10.



Approvals Required
CITY OF PUYALLUP
OWNER / ARCHITECT

Revisions

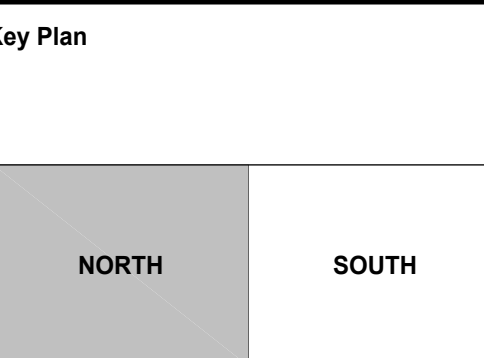
City of Puyallup Development & Permitting Services ISSUED PERMIT	Planning
Engineering	Public Works
Fire	Traffic

Contract With:
WALSH CONSTRUCTION
315 5TH AVE S, SUITE 600
SEATTLE, WA 98104
PM: QUASIM GILL
Phone: 206-413-1954
Email: quim@walshconstruction.com

Contract Name:
BRADLEY PARK CARE CENTER

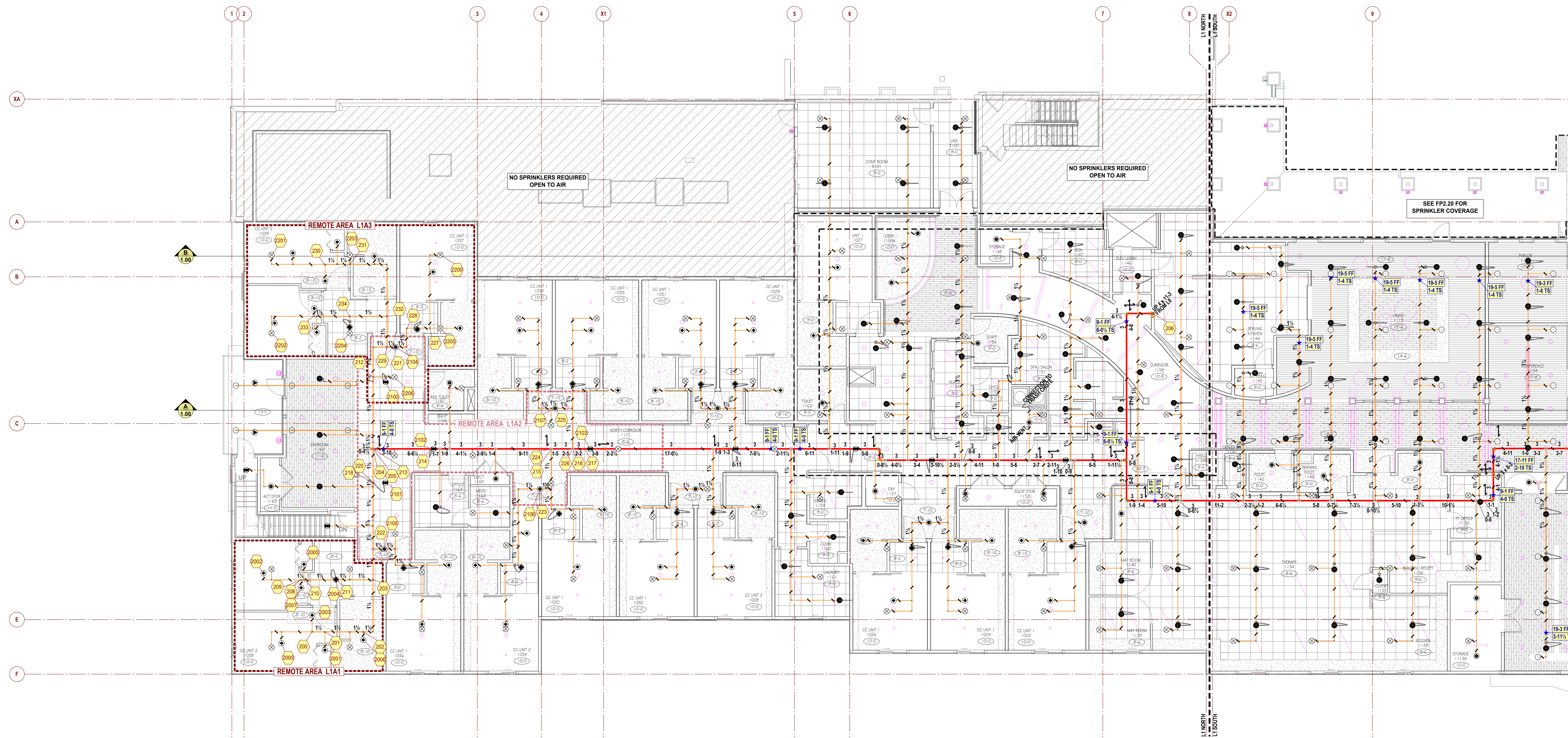
707 39TH AVE SE, BLDG B
PUYALLUP, WA 98374

Drawing Title
FIRE SPRINKLER PLAN - LEVEL 1 NORTH



Date: April 10, 2026
Job Number: 70120
Designer: BROOKE MCDANIELS
Building Permit:
Drawing No.

FP 2.10



CEILING LEGEND

	OPEN TO STRUCTURE ABOVE
	ACT CEILING BELOW DECK
	GWB CEILING BELOW DECK
	STAINED T&G ATTACHED TO BOTTOM OF STRUCTURE

SPRINKLER LEGEND - ALL LEVEL 1

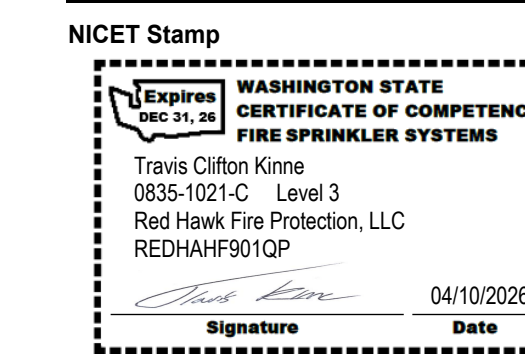
SYMBOL	MANU	SIN	MODEL	K-FACTOR	TYPE	THREAD	RESP	FINISH	TEMP	NOTE	QTY
	Tyco	TY3199	CC3	5.6	Upright	1/2"	Quick	Brass	200°F		159
	Tyco	TY3131	TY-FRB	5.6	Upright	1/2"	Quick	Brass	200°F		63
	Viking	VK498	FREEDOM	5.8	Concealed Pendent	1/2"	Fast	Brass	200°F	Hard-Piped	79
	Viking	VK498	FREEDOM	5.8	Concealed Pendent	1/2"	Fast	Brass	200°F	On Flexhose	33
	Tyco	TY3531	RFII	5.6	Concealed Pendent	1/2"	Quick	Brass	200°F	Hard-Piped	42
	Tyco	TY3531	RFII	5.6	Concealed Pendent	1/2"	Quick	Brass	200°F	On Flexhose	90
	Tyco	TY3585	RFII-C	5.6	Concealed Pendent	1/2"	Quick	Brass	200°F	Max Spacing 28"	17
	Tyco	TY3531	RFII	5.6	Concealed Pendent	1/2"	Quick	Brass	200°F	Hard-Piped	2
	Tyco	TY3531	RFII	5.6	Concealed Pendent	1/2"	Quick	Brass	200°F	On Flexhose	58
	Tyco	TY3431	TY-FRB	5.6	Vertical Sidewall	1/2"	Quick	Brass	200°F	Hard-Piped	1
	Tyco	TY3531	RFII	5.6	Concealed Pendent	1/2"	Quick	Brass	200°F	Hard-Piped	4
Total = 548											

ALL COVERPLATES TO BE WHITE

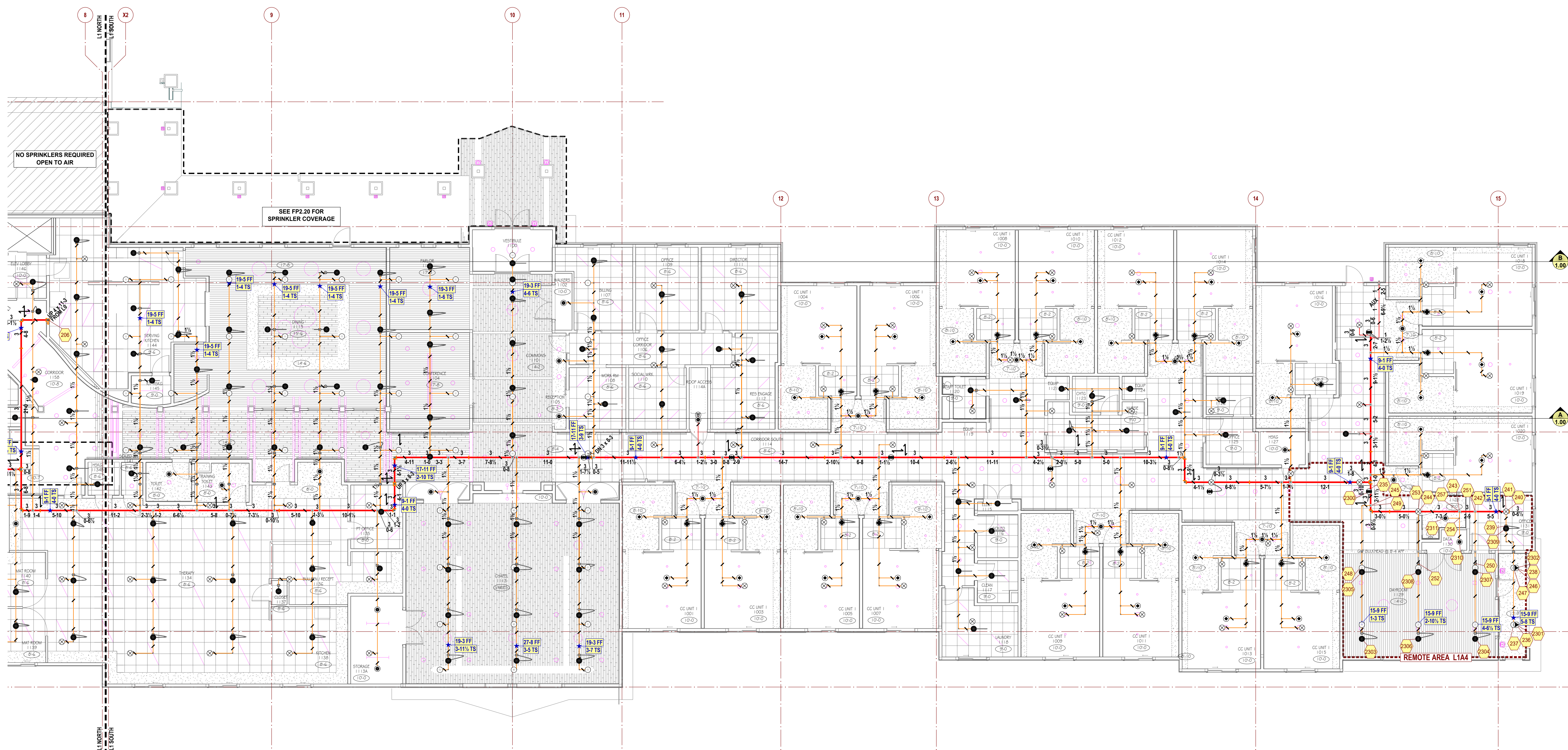
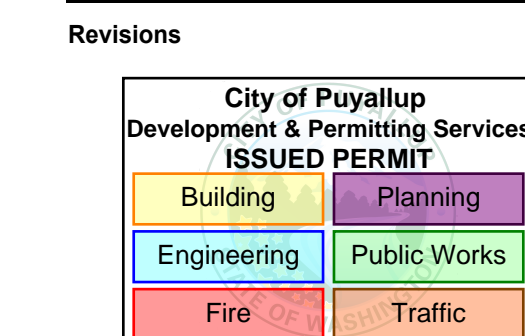
Hydraulic Information	
Remote Area L1A4	
OCCUPANCY CLASSIFICATION	Light Hazard
DENSITY (gpm/ft ²)	0.100 for 1500.000ft ² (Actual 1057.84ft ²)
QUICK RESPONSE REDUCTION	14.0 Ceiling (34.0%) 990.00ft ²
TOTAL HOSE STREAMS	100.00
TOTAL HEADS FLOWING	12
K-FACTOR	5.6
TOTAL WATER REQUIRED	366.00
TOTAL PRESSURE REQUIRED	67.153
SAFETY MARGIN (psi)	+13.866 (17.1%)

INSTALLER NOTES

- ALL BRANCHLINES TO BE 10'-5" FF / 2'-8" BD UNO.
- ALL RETURN BENDS TO COME UP WITH A 0'-2 1/2" NIPPLE UNO.
- ALL ARM OVERS 2'-0" OR LONGER REQUIRE HANGER.
- ALL FLEX DROPS TO BE 72" UNO.
- ALL NEW SPRINKLERS IN ACT CEILING TO BE TILE DETAIL ON SHEET FP0.10.



Approvals Required
CITY OF PUYALLUP
OWNER / ARCHITECT

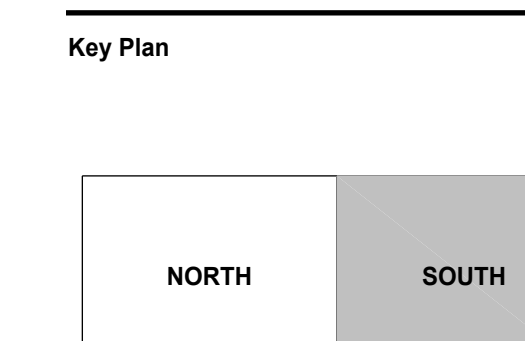


FIRE SPRINKLER PLAN - LEVEL 1 SOUTH
SCALE: 1/8"=1'-0"

Contract With:
WALSH CONSTRUCTION
315 5TH AVE S, SUITE 600
SEATTLE, WA 98104
PM: QUASIM GILL
Email:
quasim@walshconstruction.com

Contract Name:
BRADLEY PARK CARE CENTER
707 39TH AVE SE, BLDG B
PUYALLUP, WA 98374

Drawing Title
FIRE SPRINKLER PLAN - LEVEL 1 SOUTH



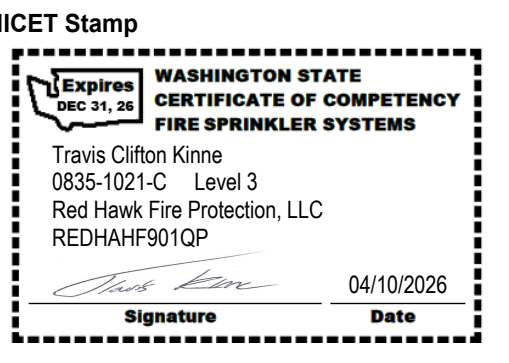
Date: April 10, 2026
Job Number: 70120
Designer: BROOKE MCDANIELS
Building Permit:
Drawing No.

SPRINKLER LEGEND - ALL ATTIC AND CANOPY

SYMBOL	MANU	SIN	MODEL	K-FACTOR	TYPE	THREAD	RESP	FINISH	TEMP	NOTE	QTY
⊙	Tyco	TY313	TY-FRB	5.6	Upright	1/2"	Quick	Brass	200°F		27
											Total = 27

Hydraulic Information	
Remote Area L1A5	
OCCUPANCY CLASSIFICATION	Light Hazard
DENSITY (gpm/ft²)	0.100 for 1950.00ft² (Actual 225.00ft²)
TOTAL HOSE STREAMS	100.00
DRY CAPACITY	411.13gal
TOTAL HEADS FLOWING	7
K-FACTOR	5.6
TOTAL WATER REQUIRED	217.53
TOTAL PRESSURE REQUIRED	66.913
BASE OF RISER (psig) (BOR)	117.53
BASE OF RISER (psig) (BOR)	67.514
SAFETY MARGIN (psig)	+15.613 (19.1%)
REMOTE AREA SIZED PER NFPA 13 (2019) 19.3.3.4.2	

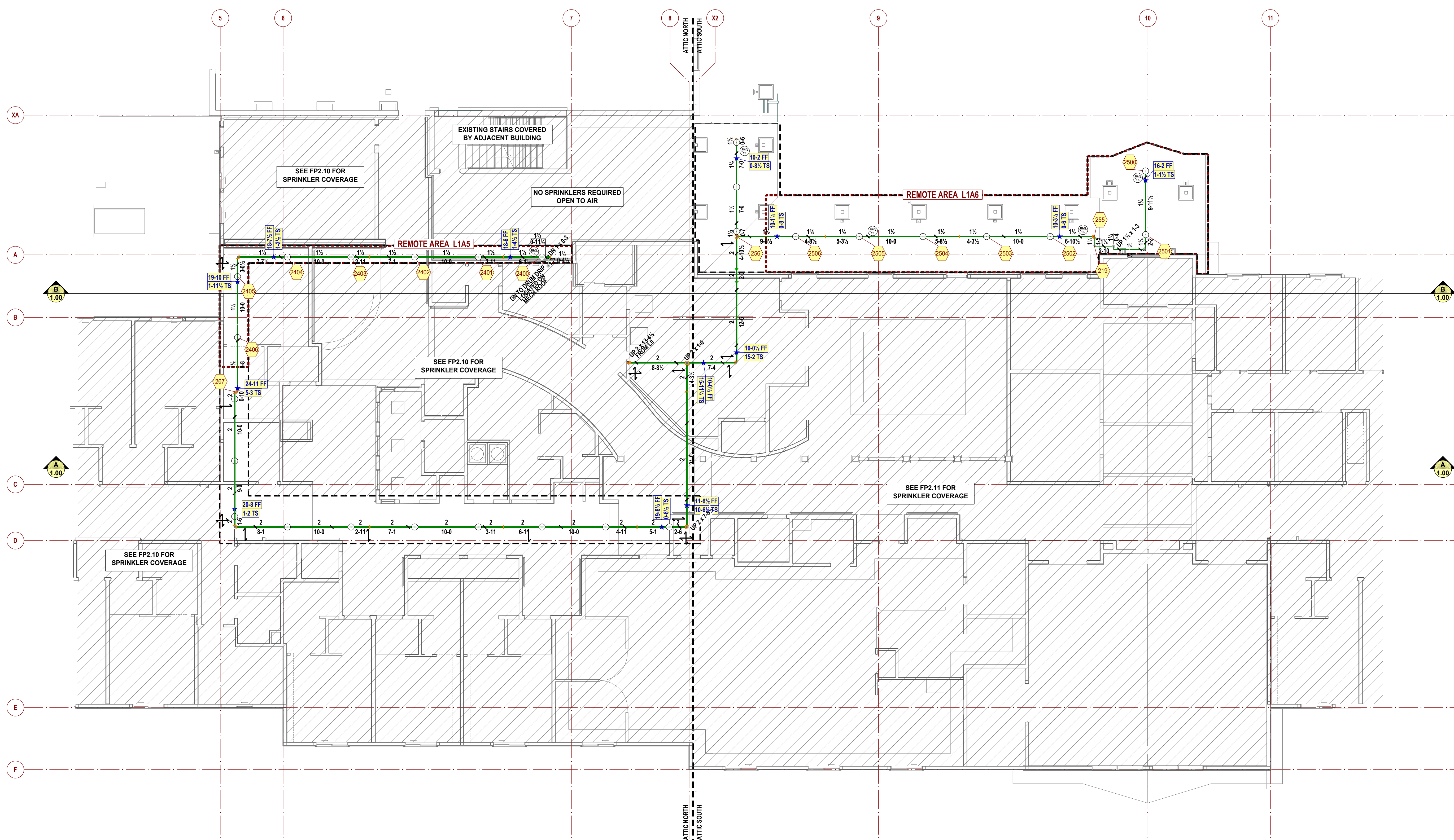
Hydraulic Information	
Remote Area L1A6	
OCCUPANCY CLASSIFICATION	Light Hazard
DENSITY (gpm/ft²)	0.100 for 1950.00ft² (Actual 928.73ft²)
TOTAL HOSE STREAMS	100.00
DRY CAPACITY	411.13gal
TOTAL HEADS FLOWING	7
K-FACTOR	5.6
TOTAL WATER REQUIRED	242.92
TOTAL PRESSURE REQUIRED	62.825
BASE OF RISER (psig) (BOR)	142.62
BASE OF RISER (psig) (BOR)	64.234
SAFETY MARGIN (psig)	+18.716 (23.0%)
REMOTE AREA SIZED PER NFPA 13 (2019) 19.3.3.4.2	



Approvals Required
CITY OF PUYALLUP
OWNER / ARCHITECT

Revisions

City of Puyallup Development & Permitting Services	ISSUED PERMIT
Building	Planning
Engineering	Public Works
Fire	Traffic



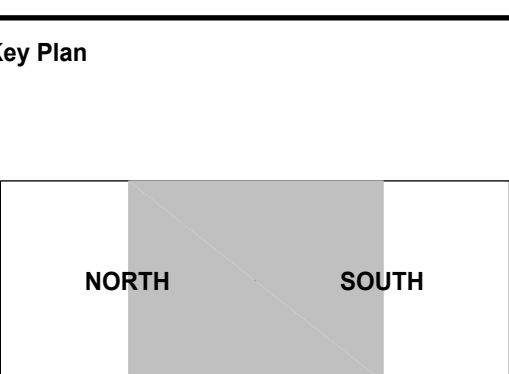
FIRE SPRINKLER PLAN - ATTIC
SCALE: 1/8"=1'-0"

Contract With:
WALSH CONSTRUCTION
315 5TH AVE S, SUITE 600
SEATTLE, WA 98104
PM: QUASIM GILL
Phone: 206-413-1954
Email: quasim@walshconstruction.com

Contract Name:
BRADLEY PARK CARE CENTER

707 39TH AVE SE, BLDG B
PUYALLUP, WA 98374

Drawing Title
FIRE SPRINKLER PLAN - ATTIC



Date: April 10, 2026
Job Number: 70120
Designer: BROOKE MCDANIELS
Building Permit:
Drawing No.

FP 2.20