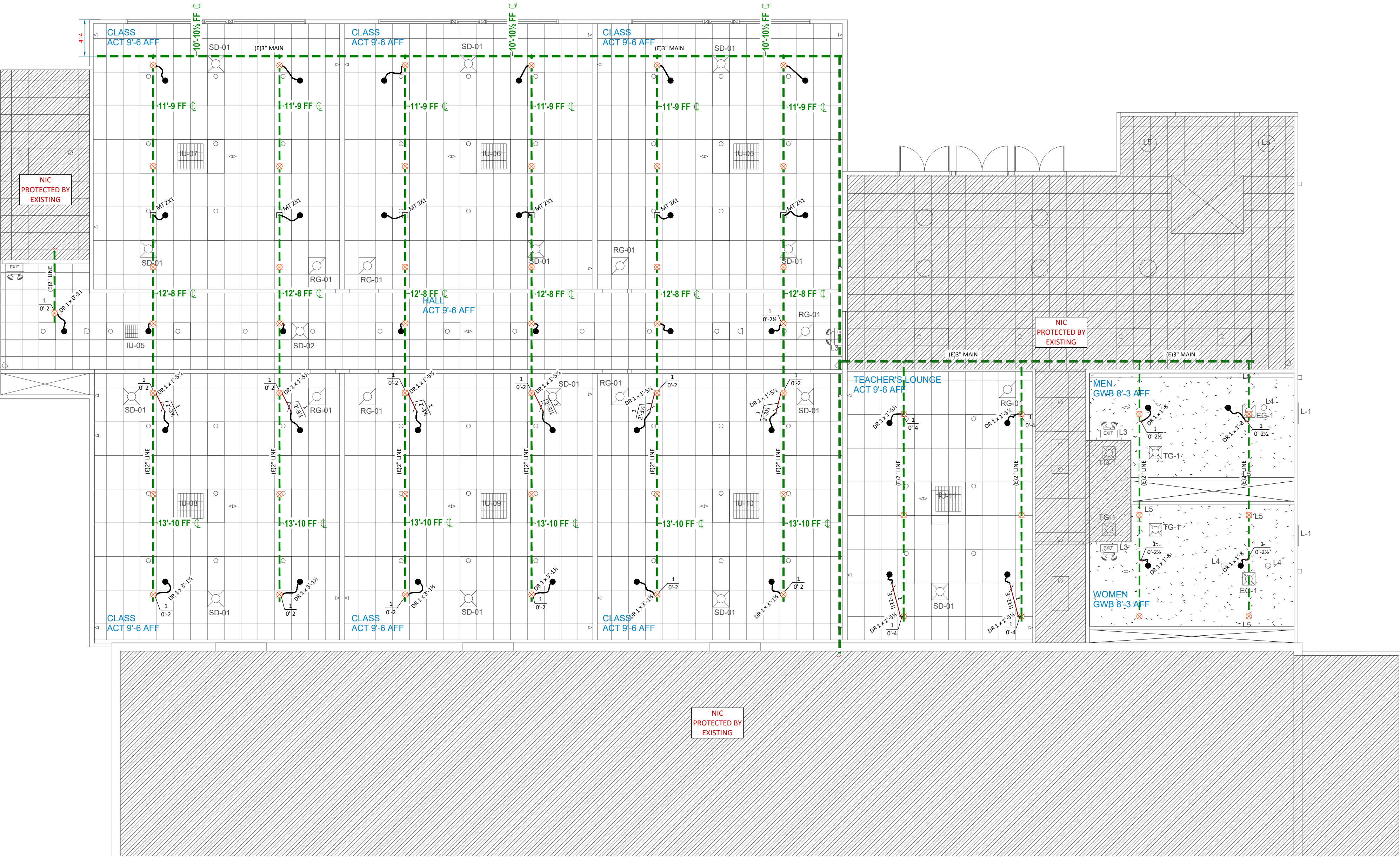


SECTION VIEW
SCALE: 1/8" = 1'-0"



2ND FLOOR - FIRE PROTECTION
SCALE: 1/8" = 1'-0"

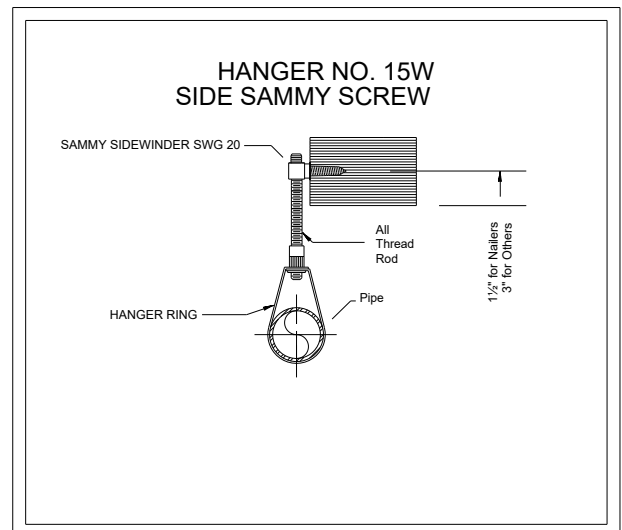
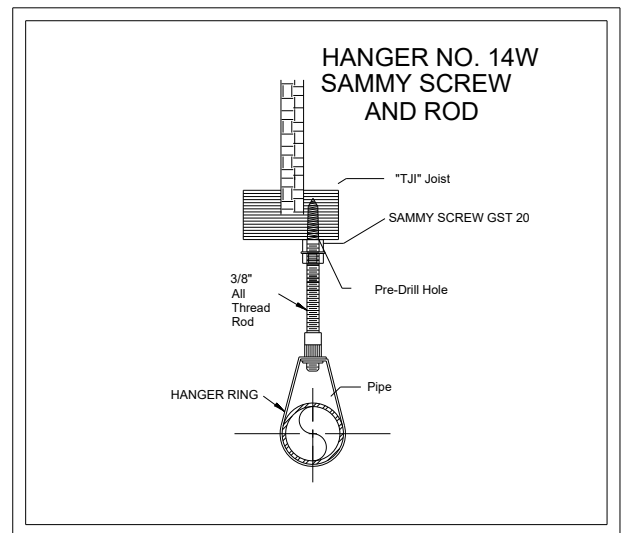
**City of Puyallup
Fire
REVIEWED
FOR
COMPLIANCE**
DDrake
04/08/2024
10:45:59 AM



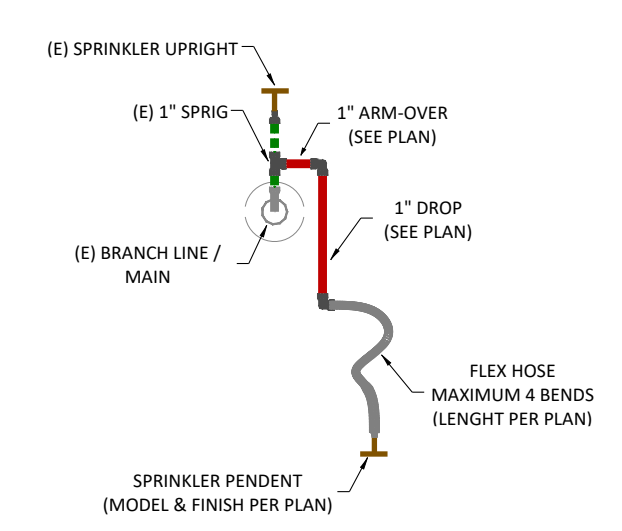
THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.

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.

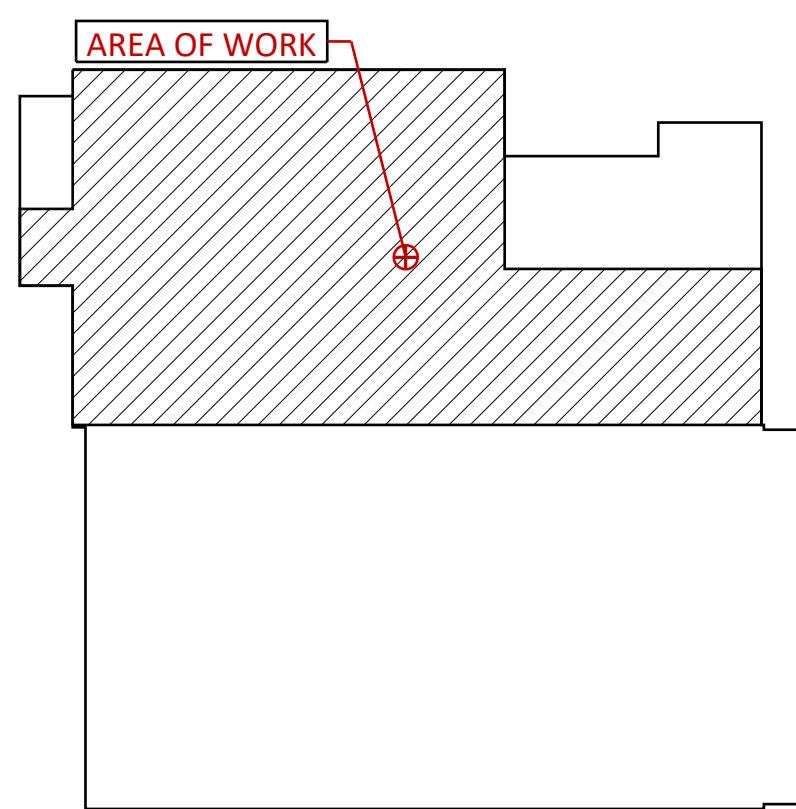
City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic



HANGER DETAILS
SCALE: NTS



FLEXDROP DETAIL - D1
SCALE: NTS



KEY PLAN
SCALE: NTS

SCOPE OF WORK:

- 1) MODIFY THE EXISTING FIRE SPRINKLER SYSTEM TO ACCOMMODATE THE NEW WALLS AND CEILINGS.

GENERAL NOTES:

- 1) MATERIALS INSTALLATION AND DESIGN PER NFPA 13 STANDARDS
- 2) ALL AREAS PROTECTED BY A WET PIPE SYSTEM MUST BE MAINTAINED AT 40 DEGREE F TO PREVENT WATER IN PIPES FROM FREEZING BY OTHERS
- 3) STRUCTURAL ADEQUACY OF THE BUILDING TO SUPPORT THE SPRINKLER PIPING BY OTHERS.
- 4) ALL FIRE ALARMS, WIRING, MONITORING ARE BY OTHERS.

EXCLUSIONS:

- 1) FIRE WATCH OR TEMPORARY SPRINKLER PROTECTION DURING CONSTRUCTION.
- 2) ACOUSTICAL CAULKING
- 3) FIRESTOP CAULKING
- 4) HEAT TRACE OR INSULATION
- 5) UPRIGHT SPRINKLER PROTECTION ABOVE NONCOMBUSTIBLE CONCEALED SPACES.
- 6) PAINTING SPRINKLER PIPE
- 7) REPAIRS OR MODIFICATIONS TO THE EXISTING SYSTEM BEYOND THE SCOPE OF WORK
- 8) MODIFICATION OF EXISTING MAINS AND BRANCH LINES
- 9) STRUCTURAL ANALYSIS, SEISMIC INVESTIGATION
- 10) FPE AND PE REVIEW
- 11) UNDERGROUND WORK

DESIGN CRITERIA:

- PER NFPA 13 - 2016 AND CITY OF PUYALLUP
- 1) CLASSROOMS, TEACHER'S LOUNGE AND RESTROOMS - LIGHT HAZARD
 - 2) ALL COMBUSTIBLE CONCEALED SPACES PROTECTED BY EXISTING

TENANT IMPROVEMENT: NO HYDRAULIC CALCULATION

THIS PROJECT IS A TENANT IMPROVEMENT. THE FACILITY HAS ALREADY BEEN PROTECTED BY AN EXISTING FIRE SPRINKLER SYSTEM. MODIFICATION FOR NEW WALLS, CEILINGS, AND HVAC LAYOUT WILL BE DONE WITHOUT AFFECTING THE CAPABILITY OF THE EXISTING SYSTEM HYDRAULIC DESIGN.

CONSTRUCTION TYPE:

- WOOD, UNOBSTRUCTED UNO ON PLAN
UNOBSTRUCTED CONSTRUCTION
SPRINKLER DEFLECTOR - 12" MAX. BELOW DECK / CEILING

FIELD NOTE:

- SPRINKLER PIPING:
1) ALL NEW ARM-OVER AND DROP TO BE SCH 40 BLACK FINISH 1"
- SPRINKLER PLACEMENT:
1) ALL NEW SPRINKLER PENDENT TO BE IN CENTER FOR 2' X 2' TILES
2) ALL NEW SPRINKLER PENDENT TO BE IN CENTER OF 2' DIRECTION AND QUARTER POINT OF 4' DIRECTION FOR 2' X 4' TILES
3) ALL NEW SPRINKLER MINIMUM 1'-0 AWAY AND ALIGN WITH THE LIGHTING FIXTURES FOR GWB CEILING UNO
- SPRINKLER SPACING:
1) EXTENDED COVERAGE - 18 X 18 FOR LIGHT HAZARD (MATCHING EXISTING HYDRAULIC DESIGN)



VICINITY MAP
SCALE: NTS

Symbol	Manufacturer	SIN	Model	Quantity	K-Factor	Type	Size	Response	Finish	Temperature	Note
●	Viking	VK534	EC/QREC	39	11.2	Pendent	3/4"	Quick	Chrome	155°F	CH - REC - 18X18
				Total = 39							

ABBREVIATIONS		DRAWING SYMBOLS		DRAWING SYMBOLS		FLEX DROP LEGEND		SPRINKLER PIPE LEGEND		WALL LEGEND		CERTIFICATION OF COMPETENCY		REVISIONS		CUSTOMER INFORMATION	
SP	SPRINKLER	2-WAY EQ BRACING	NEW MECHANICAL TEE (U-BOLT)	NEW MECHANICAL TEE	NEW MECHANICAL TEE (U-BOLT)	4"	4'-0" FLEX DROP	NEW SPRINKLER PIPE	NEW FULL HEIGHT WALL	NO.	DATE	<p>WASHINGTON STATE CERTIFICATE OF COMPETENCY FIRE SPRINKLER SYSTEMS</p> <p>Matthew William Kunkle 4960-0322-C LEVEL 3 Columbia Fire, LLC COLUMFL795NJ</p> <p>03/15/2024</p>		<p>PROJECT MANAGER: COREY PATTON CELL PHONE: (253) 709-0348 EMAIL: Cory.Patton@Absherco.com</p> <p>SUPERINTENDENT: GLENN VANCE CELL PHONE: (206) 554-1520 EMAIL: Glenn.Vance@Absherco.com</p>		<p>CASCADE CHRISTIAN JR. HIGH 2ND FL TI</p> <p>815 21ST ST. SE PUYALLUP, WA 98372</p> <p>AHJ: CITY OF PUYALLUP</p>	
RN	RISER NIPPLE	4-WAY EQ BRACING	RELOCATED EXISTING SPRINKLER	(E)	EXISTING SYSTEM COMPONENT	4' EL	4'-0" FLEX DROP, ELBOW STYLE	EXISTING SPRINKLER PIPE	NEW FULL HEIGHT SOFFIT HEADER	DESIGNER	LI LI	<p>WA CL# COLUMFL795NJ 111 South Findlay Street Seattle, WA 98105 (206) 232-8569</p>		<p>JOB NO. 231009IG01</p> <p>DATE 03/15/24</p> <p>DESIGNER LI LI</p> <p>PM LI LI</p> <p>SCALE 1/8"=1'-0"</p>		<p>ABSHER CONSTRUCTION CO.</p> <p>FP</p> <p>1 OF 1</p>	
DR	DROP	HANGER LOCATION	EXISTING FLEX DROP	NEW FLEX DROP	EXISTING FLEX DROP	6' EL	6'-0" FLEX DROP, ELBOW STYLE	EXISTING SPRINKLER PIPE	NEW LOW WALLS (AT LEAST 18" BELOW FINISH CEILING)								
FF	FRESH FLOOR	BRANCH LINE RESTRAINT LOCATION	NEW FLEX DROP	EXISTING FLEX DROP	EXISTING FLEX DROP	4'8R	4'-0" FLEX DROP BRACKET	EXISTING SPRINKLER PIPE	NEW LOW WALLS (AT LEAST 18" BELOW FINISH CEILING)								
TS	TOP OF STRUCTURE	CENTER LINE	NEW FLEX DROP	EXISTING FLEX DROP	EXISTING FLEX DROP			EXISTING SPRINKLER PIPE									
BS	BOTTOM OF STRUCTURE	BOTTOM OF DECK ELEVATION	NEW FLEX DROP	EXISTING FLEX DROP	EXISTING FLEX DROP			EXISTING SPRINKLER PIPE									
BM	BOTTOM OF MAIN	HYDRAULIC CALCULATION NODE	NEW FLEX DROP	EXISTING FLEX DROP	EXISTING FLEX DROP			EXISTING SPRINKLER PIPE									
BL	BOTTOM OF BRANCH LINE	SPRINKLER MAIN FAB	NEW FLEX DROP	EXISTING FLEX DROP	EXISTING FLEX DROP			EXISTING SPRINKLER PIPE									
OT	OPEN TO STRUCTURE	SPRINKLER BRANCH LINE FAB	NEW FLEX DROP	EXISTING FLEX DROP	EXISTING FLEX DROP			EXISTING SPRINKLER PIPE									
FO	FIELD ORDER		NEW FLEX DROP	EXISTING FLEX DROP	EXISTING FLEX DROP			EXISTING SPRINKLER PIPE									
CO	CUT ON JOB		NEW FLEX DROP	EXISTING FLEX DROP	EXISTING FLEX DROP			EXISTING SPRINKLER PIPE									
IFOW	INSIDE FACE OF WALL		NEW FLEX DROP	EXISTING FLEX DROP	EXISTING FLEX DROP			EXISTING SPRINKLER PIPE									
OFOW	OUTSIDE FACE OF WALL		NEW FLEX DROP	EXISTING FLEX DROP	EXISTING FLEX DROP			EXISTING SPRINKLER PIPE									
NO	NO AUTO SPRINKLER REQUIRED		NEW FLEX DROP	EXISTING FLEX DROP	EXISTING FLEX DROP			EXISTING SPRINKLER PIPE									
NAS	NO AUTO SPRINKLER REQUIRED		NEW FLEX DROP	EXISTING FLEX DROP	EXISTING FLEX DROP			EXISTING SPRINKLER PIPE									
UNC	UNLESS NOTED OTHERWISE		NEW FLEX DROP	EXISTING FLEX DROP	EXISTING FLEX DROP			EXISTING SPRINKLER PIPE									
INC	NOT IN CONTRACT		NEW FLEX DROP	EXISTING FLEX DROP	EXISTING FLEX DROP			EXISTING SPRINKLER PIPE									