

SCOPE OF WORK

- 1. MODIFY EXISTING SPRINKLER SYSTEM TO ACCOMMODATE NEW SERVER ROW D EXPANSION.
- 2. EXISTING SYSTEMS TO REMAIN OUTSIDE OF AREAS OF WORK.
- 3. ALL ALARM AND DETECTION IS TO BE BY OTHERS.

GENERAL NOTES

- 1. ALL MATERIAL AND EQUIPMENT IS TO BE NEW UL AND / OR FM APPROVED.
- 2. PIPING DIMENSIONS ARE CENTER TO CENTER EXCEPT RISERS AND DIMENSIONS SHOWN THUSLY (X-X) WHICH ARE END OF PIPE TO END OF PIPE.
- 3. EARTHQUAKE BRACING SHALL BE PROVIDED IN ACCORDANCE WITH NFPA NO. 13 2019 EDITION. SEE DETAILS ON CORRESPONDING SHEETS.
- 4. PIPE HANGERS AND METHODS OF HANGING IS TO BE IN ACCORDANCE WITH NFPA NO. 13, 2019 EDITION.
- 5. PIPING SHALL BE IN ACCORDANCE WITH NFPA NO. 13, 2019 EDITION. ALL GROOVED/ WELDED PIPING IS TO BE SCHEDULE 10 BLACK PIPE. ALL THREADED PIPING IS TO BE SCHEDULE 40 BLACK PIPE.
- 6. JOINING OF PIPE & FITTINGS, THREADED, WELDED, AND GROOVED, SHALL BE IN ACCORDANCE WITH NFPA NO. 13 2019 EDITION.
- 7. OWNER IS TO PROVIDE ADEQUATE HEAT IN AREAS PROTECTED BY A WET PIPE SPRINKLER SYSTEM TO PREVENT WATER IN PIPES FROM FREEZING.
- 8. PAINTING OF PIPE & EQUIPMENT (IF REQUIRED) IS TO BE BY OTHERS.
- 9. FURRING OF PIPE & EQUIPMENT (IF REQUIRED) IS TO BE BY OTHERS.
- 10. SPRINKLER SYSTEM SHALL OPERATE INSIDE BUILDING ALARM SYSTEM THROUGHOUT PREMISES, COORDINATED WITH FIRE ALARM CONTRACTOR.

HYDRAULIC NOTES

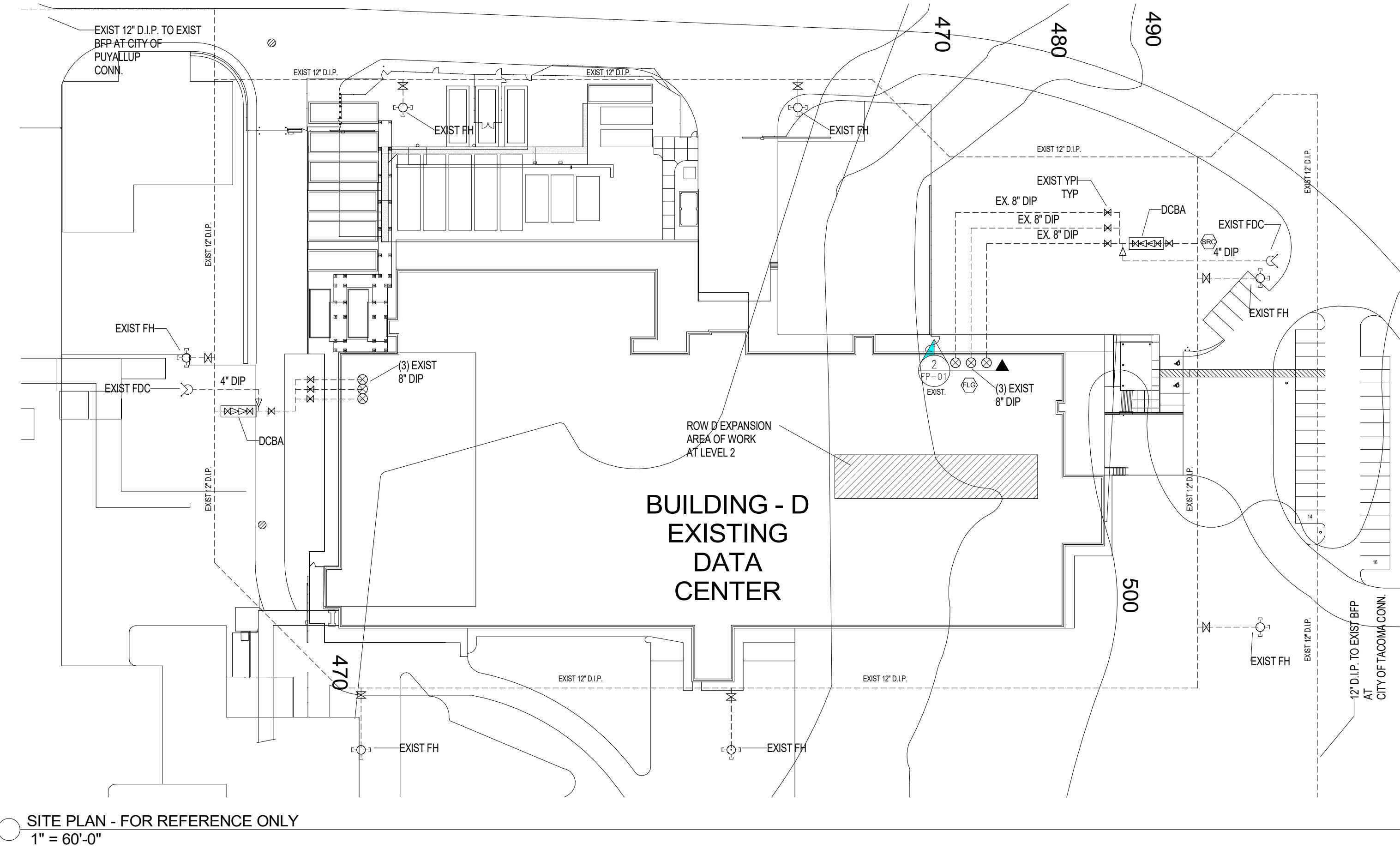
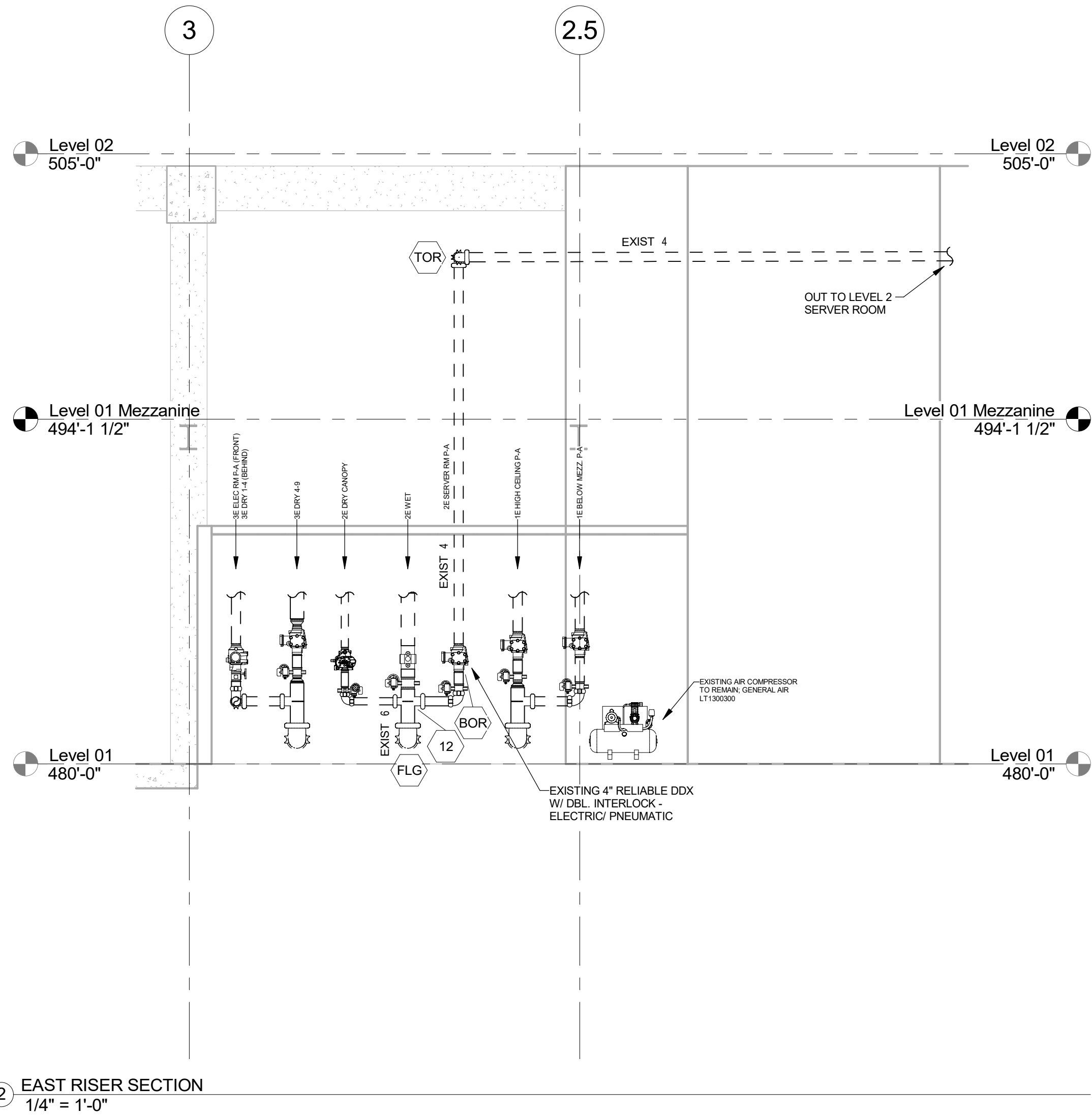
SPRINKLER SYSTEM REMOTE AREAS HAVE BEEN HYDRAULICALLY CALCULATED TO PROVIDE THE FOLLOWING IN ACCORDANCE WITH NFPA 13 (2019):

DRY SYSTEM ORDINARY HAZARD GROUP 1; SERVER ROOMS - 0.15 GPM / 1950 SQ. FT.

WATER FLOW INFORMATION

STATIC PRESSURE: 74 PSI
RESIDUAL PRESSURE: 67 PSI
FLOW: 2742 GPM
ELEVATION: 498 FT.
LOCATION: EXISTING N.E. FIRE HYDRANT
DATA BY: MCKINSTRY COMPANY
DATE: 04/10/09

PRFS20260843



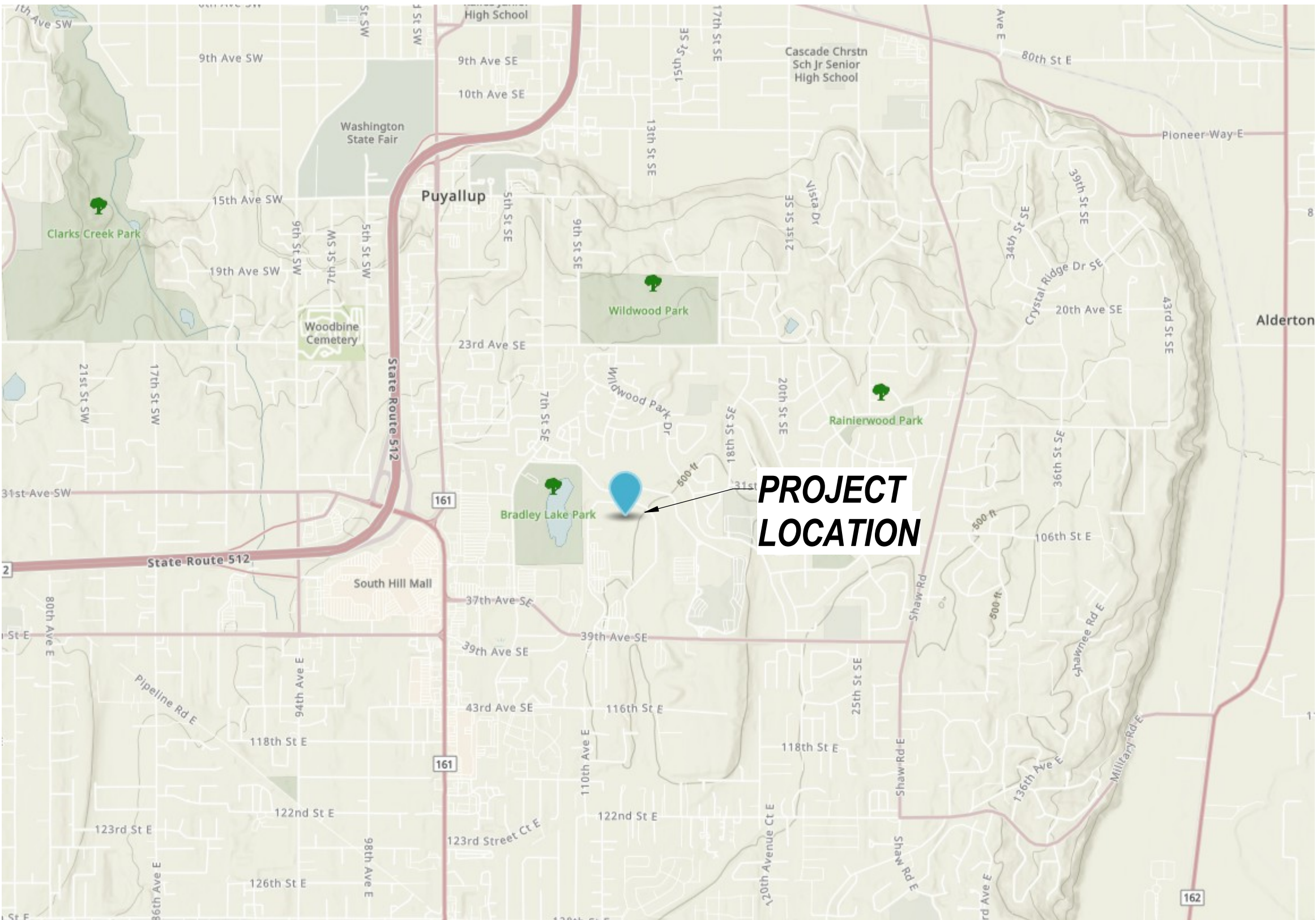
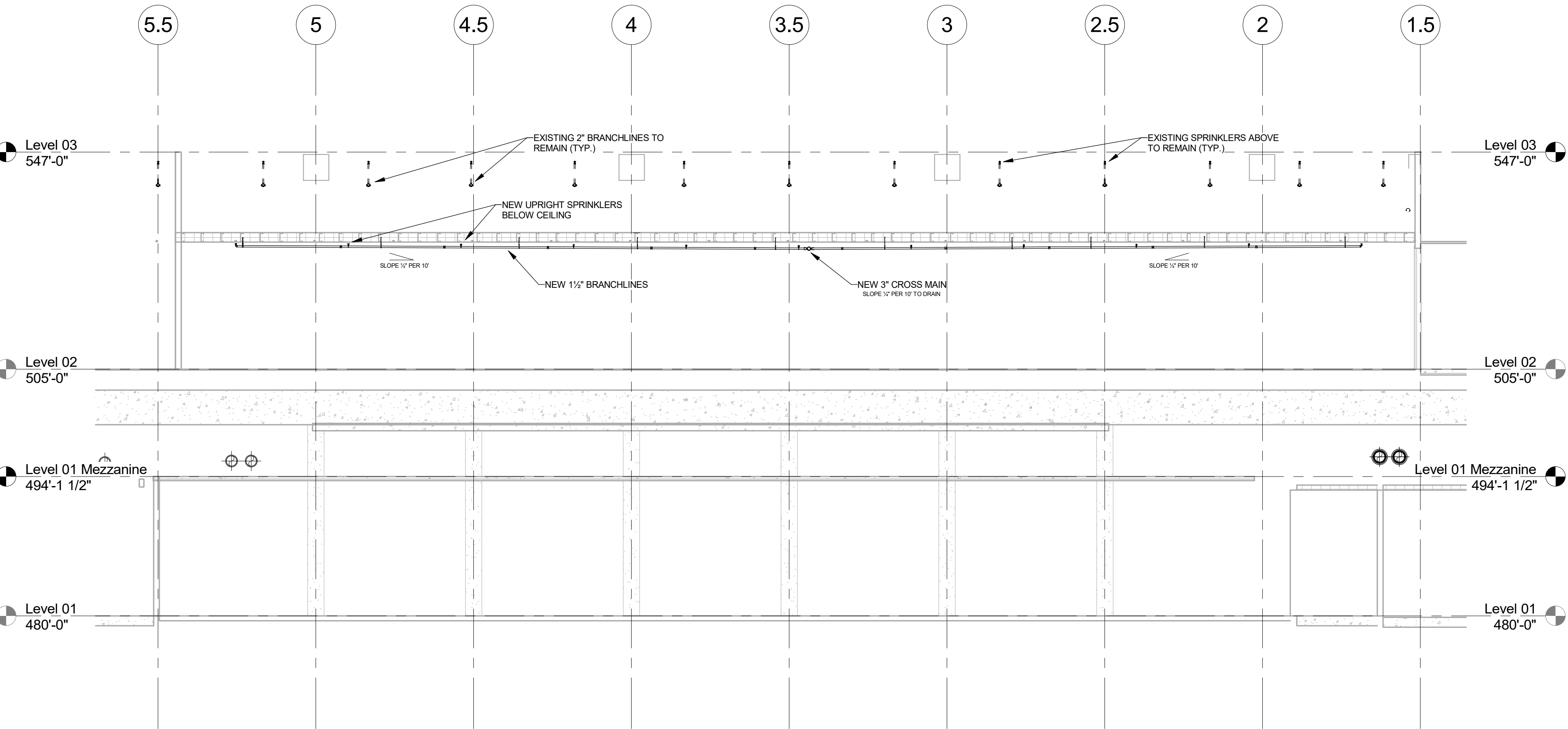
HANGER LEGEND	
A	"U" HOOK
B	COACH SCREW ROD
D	BM. CLAMP W/ "STRAP
E	EYELET
F	FLUSH SHELL
G	CEILING FLANGE
H	SIDE BEAM BRACKET
K	SHORT CLIP
M	ALL THREAD ROD
N	TOGGLE NUT
P	POWDER DRIVEN STUD
R	EXPANSION BOLT
S	SAMMY X-PRESS
T	TRAPEZE
U	
V	
W	
X	
Y	
Z	

APPROVAL REQUIRED	
CITY OF PUYALLUP	

TEMP. RATING (°F)	
150°	212°
250°	286°
350°	350°
500°	500°

FITTING LEGEND	
P	PIPE-O-LET
SN	GROOVED SHAPED NIPPLE
TSM	THREADED SHAPED NIPPLE
ADN	ADJUSTABLE DROP NIPPLE
FLG	FLANGE
RC	REDUCING COUPLING
SC	STRUCTURE TO CENTER LINE OF PIPE IN INCHES
2	2 - WAY EARTHQUAKE BRACE
4	4 - WAY EARTHQUAKE BRACE

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City of Puyallup
Fire
REVIEWED
FOR
COMPLIANCE

