

8" WATER SERVICE (BY OTHERS)

4" x 2-1/2" x 2-1/2" ROUGH BRASS FIRE DEPT. CONNECTION & HORN/STROBE

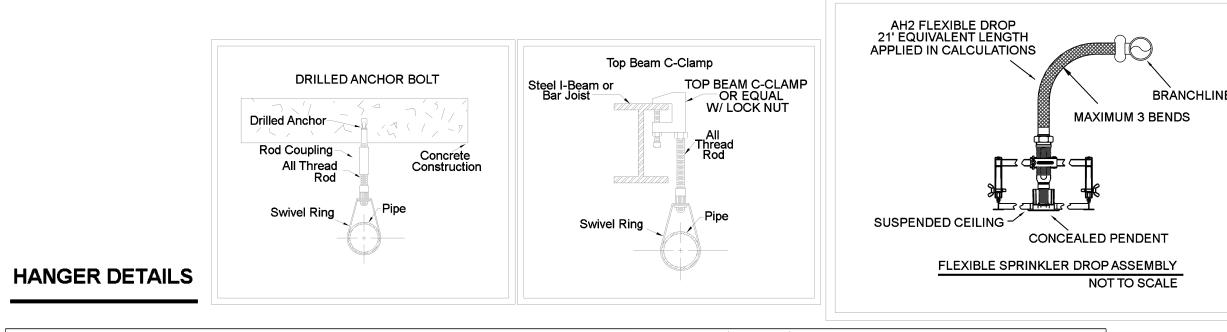
FIRE SPRINKLER RISER SEE

8" WATER SERVICE (BY OTHERS)

CORWIN FORD 4525' FFE

SITE PLAN

SCALE: 1" = 50'-0"

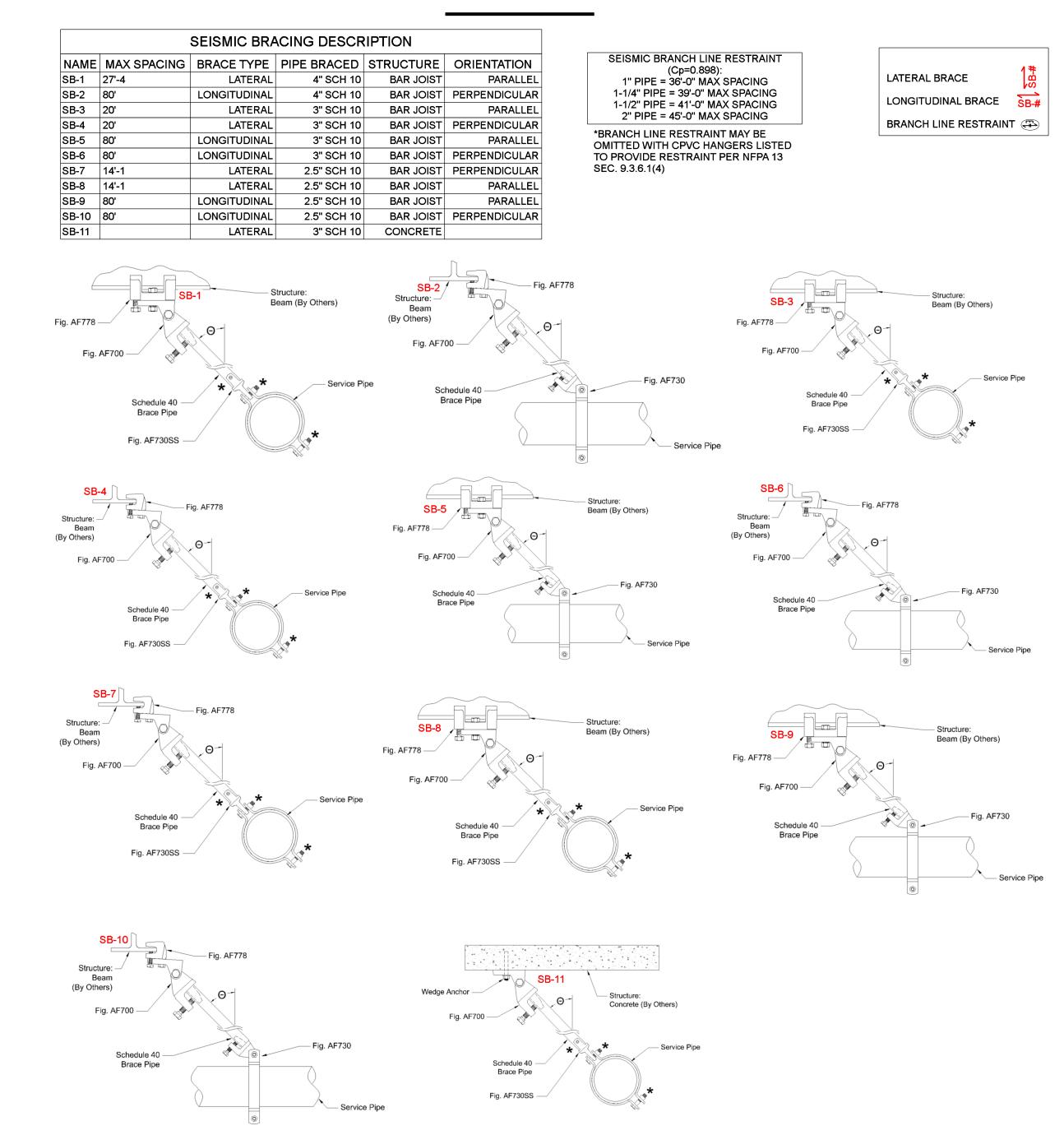


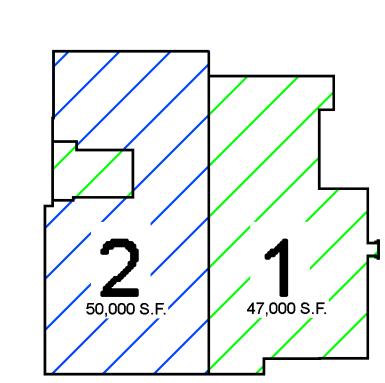
MAXIMUM DISTANCE BETWEEN HANGERS (FTIN.)											
	3/4 "	1"	1 1/4"	1 1/2 "	2"	2 1/2 "	3"	4"	6"	8"	
STEEL PIPE EXCEPT THREADED LIGHTWALL	NA	12-0	12-0	15-0	15-0	15-0	15-0	15-0	15-0	15-0	
THREADED LIGHTWALL STEEL PIPE	NA	12-0	12-0	12-0	12-0	NA	NA	NA	NA	NA	

## **GENERAL INFORMATION**

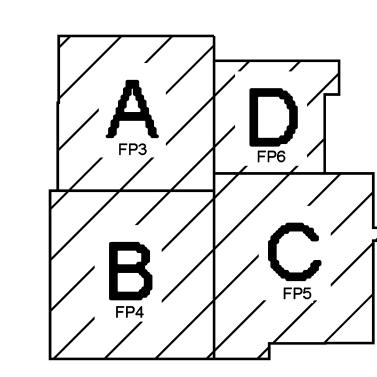
- 1. INTERNATIONAL BUILDING CODE (2018)
  1.1 OCCUPANCY: TYPE B, S-1
- 1.2 TYPE OF CONSTRUCTION: II-B (NON-COMBUSTIBLE CONSTRUCTION)
  1.3 SPRINKLERED AREAS (APPROXIMATE SEE ARCHITECTURAL PLANS FOR ACTUAL)
  MAIN FLOOR = 104,632 S.F.
- MEZZANINES = 4,243 S.F.
- 1.4 DESIGN & INSTALLATION STANDARDS: NFPA-13 (2016)2. SPRINKLER PIPE TYPES:
- 2.1 1" PIPE TO BE SCHEDULE 40 BLACK STEEL w/ THREADED FITTINGS
  2.2 1-1/4" THROUGH 4" MAINS & BRANCH LINES TO BE BLK SCHEDULE 10 w/ GROOVED FITTINGS
  2.3 1" OUTLETS CONNECTED TO FLEXDROPS
- 2.4 MAINS & BRANCH LINES TO BE ROLL-GROOVED BLK SCHEDULE 102.4 2" AND LARGER TO USE GROOVED SHORT RADIUS FITTINGS
- 3. DESIGN CRITERIA:
  3.1 LIGHT HAZARD AREAS INCLUDE OFFICE/ADMINISTRATIVE, RESTROOMS, CORRIDORS, AND
- CUSTOMER LOUNGE
  3.2 ORDINARY HAZARD GROUP I AREAS INCLUDE MECHANICAL, ELECTRICAL, SERVICE, AND SHOW ROOMS
- 3.3 ORDINARY HAZARD GROUP II AREAS INCLUDE FIRE RISER, OIL, STORAGE, FILE, AND TOOL ROOMS, MEZZANINES, PARTS DELIVERY, AND JANITOR CLOSETS
  3.4 REMOTE AREA REDUCTIONS HAVE BEEN TAKEN WHERE APPLICABLE PER NFPA 13 SEC. 11.2.3.2.3
- 4. NOTES:
  4.1 ALL MATERIAL TO BE NEW AND MEET U.L. STANDARDS
- 4.2 HANGERS TO BE INSTALLED IN ACCORDANCE WITH NFPA 13 SEE PLAN FOR HANGING
- 5. SCOPE OF WORK:5.1 INSTALL A COMPLETE TWO WET ZONE FIRE SPRINKLER SYSTEM TO COVER ALL AREAS OF
- 5.2 ALL AREAS OF THE BUILDING TO BE INSTALLED AND COVERED IN ACCORDANCE WITH THE LOCAL AUTHORITY HAVING JURISDICTION AND PER NFPA 13, 2016 EDITION

## SEISMIC DETAILS





**ZONE MAP** 





	WATER SUPPLY INFORMATION - FLOW TEST DATA	SYMBOLS AND ABBREVIATIONS	CONTRACTOR		SPRINKLER HEADS			CONTRACT RESPONSIBILITIES		
NORTH	STATIC 100 RESIDUAL 30 FLOW 3125 DATE OF FLOW TEST 4/18/2023			QTY SYMI	B. HEAD TYPE	TEMP. FINISH ORIFICE MODEL CANOPY SIN	ITEM	OFP	OTHERS	
PSI PSI GPM S 1-2 FLOWTEST 47 107 2020	★X-X FF © PIPE ELEVATION ABOVE FINISH FLOOR					STREET WATER CONNECTION		<b></b>		
	FLOW TEST LOCATION 12" MAIN IN SOUTH HILLS	★ x'-x TS ( PIPE ELEVATION BELOW TOP OF STEEL		260	PENDENT	200 °F BRASS 5.6 K RFII CONCEALED TY3531	UNDERGROUND WATER MAINS			
		A A A TO U THE ELLEVATION BLEOW TO! OF STELL		577	UPRIGHT	200 °F BRASS 8.0 K TY-FRB N/A TY4131	EXCAVCATION			
TO TOTAL DE LA CONTRACTION DEL CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DE LA CONTRACTION DEL CONTRACTION DE LA C		OH1 ROOM HAZARD CLASSIFICATION (ALL ROOMS ARE CONSIDERED LIGHT HAZARD U.N.O.)		3	SIDEWALL	200 °F BRASS 5.6 K TY-FRB HORIZONTAL TY3331	BACKFILL			
		HYDRAULIC CALCULATION JUNCTION POINT		38	PENDENT	200 °F BRASS 8.0 K TY-FRB N/A TY4231	WIRING PAINTING			
		9'-0" CEILING HEIGHT		12	UPRIGHT	200 °F W. POLY 8.0 K TY-FRB N/A TY4131				
		BAR JOIST		5	UPRIGHT	200 °F BRASS 8.0 K TY-FRB BELOW HVAC TY4131	NO. DATE BY			
SOUTH		WET BLACK STEEL PIPE								
				895	TOTAL					

8" WATER SERVICE (BY OTHERS)

GAUGED HYDRANT

ELEV. = 4535'

