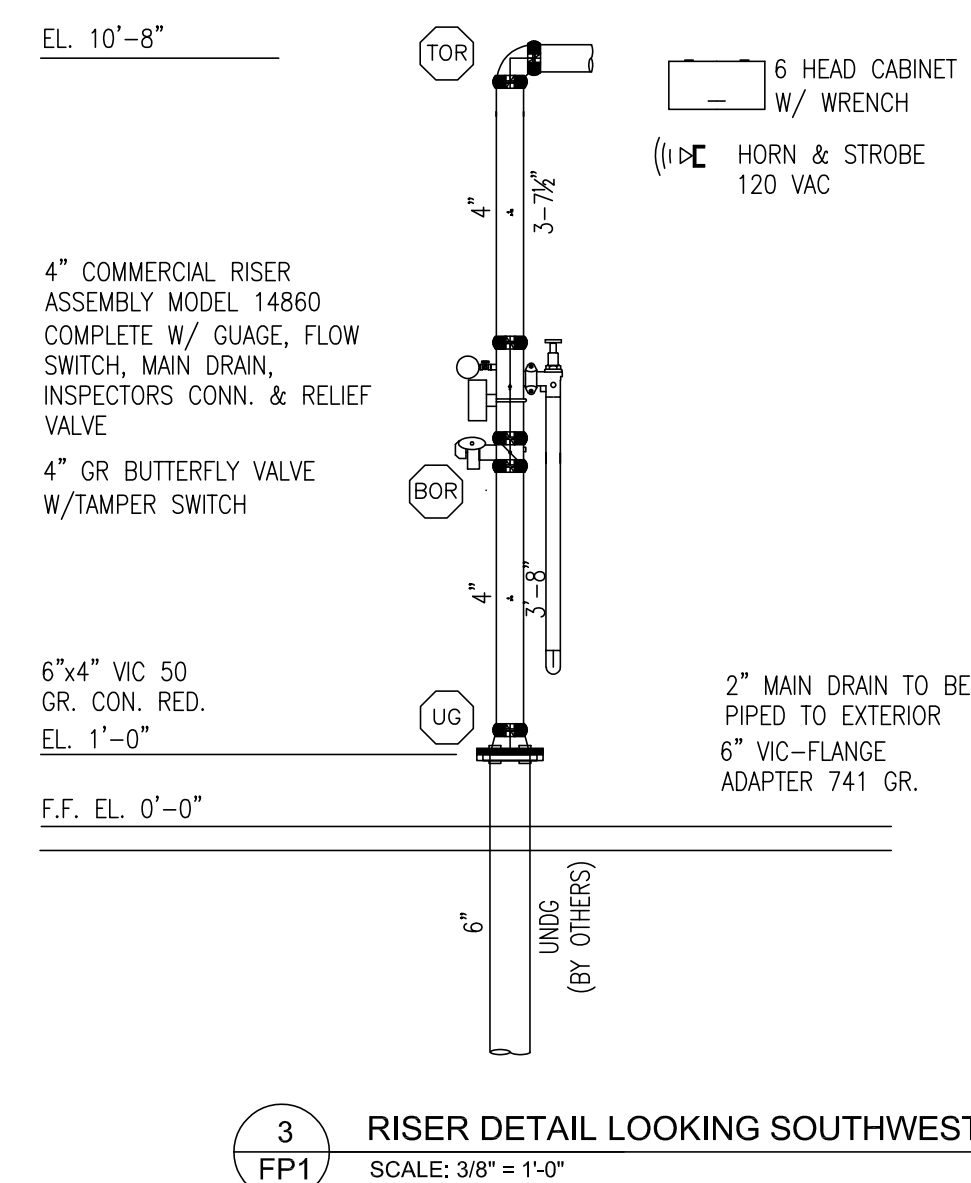
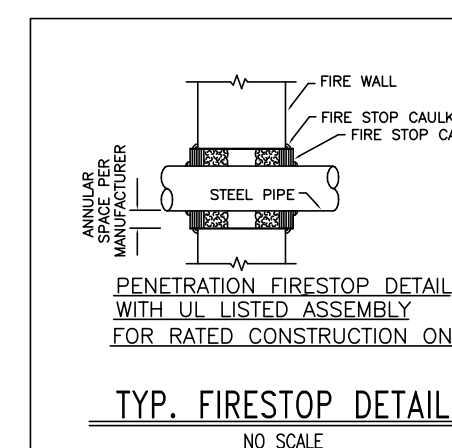
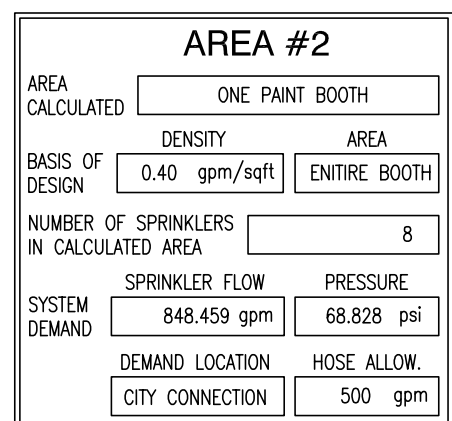
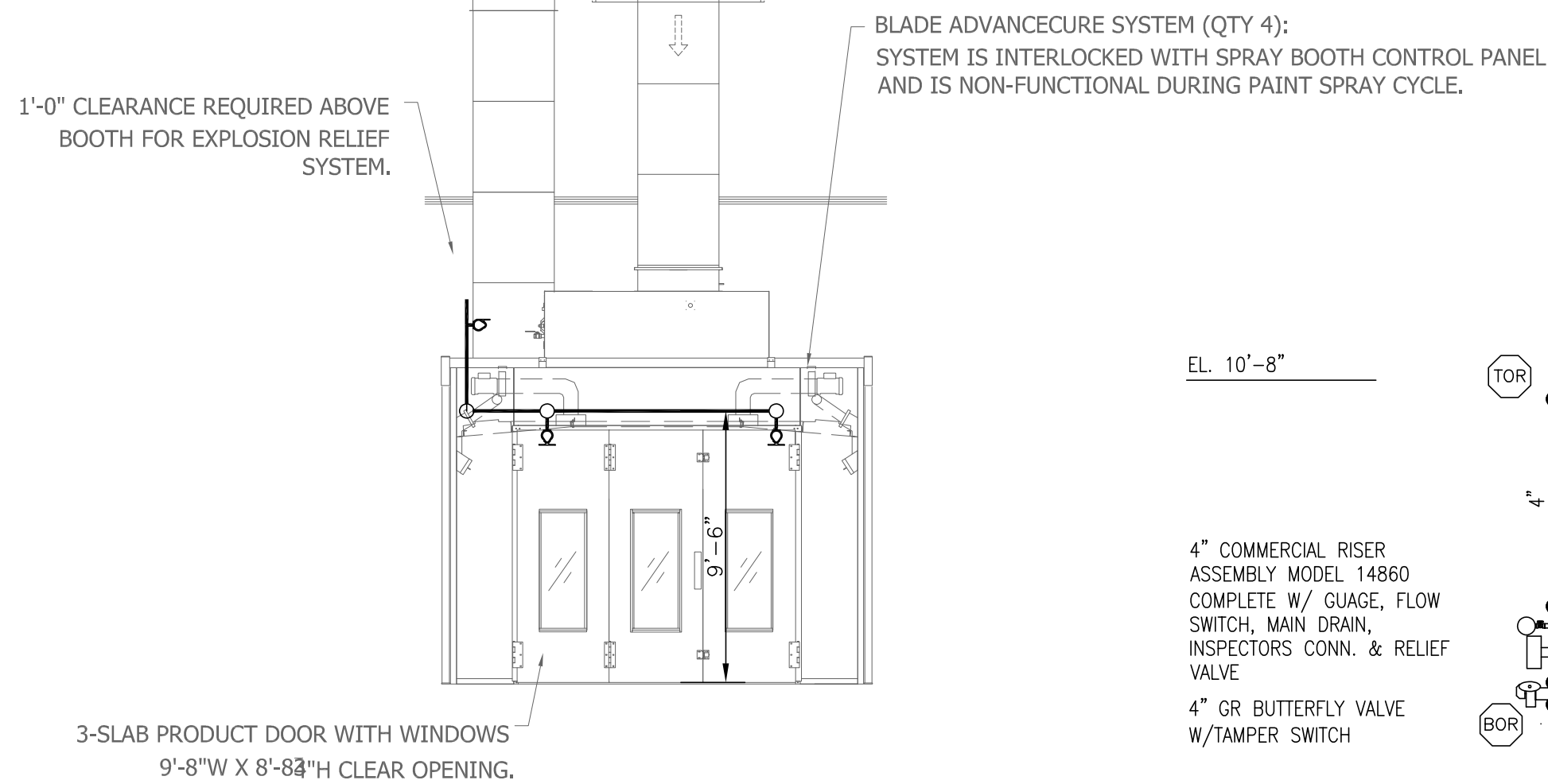
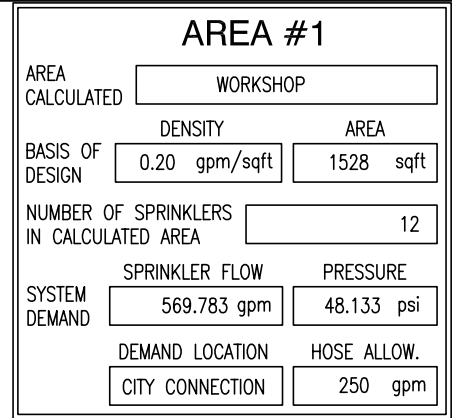
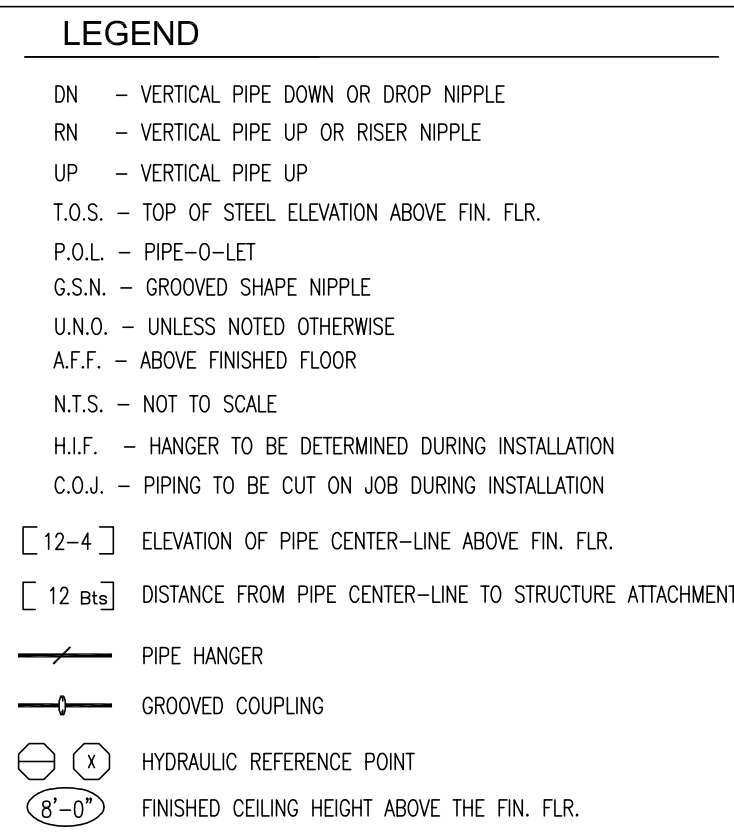




CODE INFORMATION	
CODE INFORMATION	
BUILDING CODE:	INTERNATIONAL BUILDING CODE (2018 ED.)
SPRINKLERS:	INTERNATIONAL FIRE CODE (2018 ED.) NFPA-13 (2016 ED.)
OCCUPANCY CLASSIFICATIONS	
B – BUSINESS (OFFICE AREA)	
S1 – MODERATE HAZARD STORAGE (SERVICE BAY AREA)	
CONSTRUCTION TYPES	
TYPE II-B (SPRINKLED)	



CONSTRUCTION

METAL DECK ON STEEL BEAMS, PURLINS

PIPE TYPE

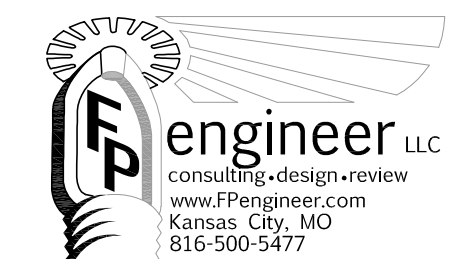
STEEL PIPING:
ALL GROOVED PIPING TO BE SCH. 10 PIPE
ALL THREADED PIPING TO BE SCH. 40 PIPE

DESIGN CRITERIA

WORK SHOP AREAS:
DESIGN IS IN ACCORDANCE WITH THE DENSITY/AREA HYDRAULIC CALCULATION METHOD OF NFPA 13 (2016 ED.) SECTION 11.2.3.2 FOR ORDINARY HAZARD GROUP II OCCUPANCY. THE DESIGN DENSITY IS 0.20 gpm/sqft. AND THE AREA OF SPRINKLER OPERATION IS 1500 sqft. TOTAL ALLOWANCE FOR HOSES IS 250 gpm IN ACCORDANCE WITH TABLE 11.2.3.1.2.

PAINT BOOTHS
PER NFPA 13, EXTRA HAZARD GROUP II OCCUPANCY THE DESIGN DENSITY IS 0.40 gpm/sqft. AND THE ENTIRE AREA OF SPRINKLER OPERATION IS 1500 sqft. THE AREA OF THE PAINT BOOTH, PROVIDE SEPARATE CONTROL VALVE FOR FIRE SPRINKLERS THAT IS OPERABLE FROM THE FLOOR LEVEL.

THREAD	MAKING	S.I.	MODEL	KF TEMP	SYMBOL	QUALITY
½"	VIKING	VK300	"MICROFAST" QUICK RESPONSE BRASS UPRIGHT	5.6 200°	◀	88
½"	VIKING	VK302	"MICROFAST" QUICK RESPONSE CHROME PENDENT	5.6 155°	◀	16
½"	VIKING	VK305	"MICROFAST" QUICK RESPONSE BRASS HSW	5.6 200°	◀	04
1"	VIKING	VK275	"MICROFAST" QUICK RESPONSE DRY BRASS HSW	8.0 286°	◀	01
¾"	VIKING	VK531	QUICK RESPONSE ELO BRASS UPRIGHT	11.2 286°	◀	02
¾"	VIKING	VK536	QUICK RESPONSE ELO CHROME PENDENT	11.2 286°	◀	07
						TOTAL 117

[illegible]

FALCON FIRE PROTECTION, INC.
1239A CLAY STREET
N. KANSAS CITY, MO 64116
Ph# 816-734-0018

CONTRACT NUMBER

CALIBER COLLISION

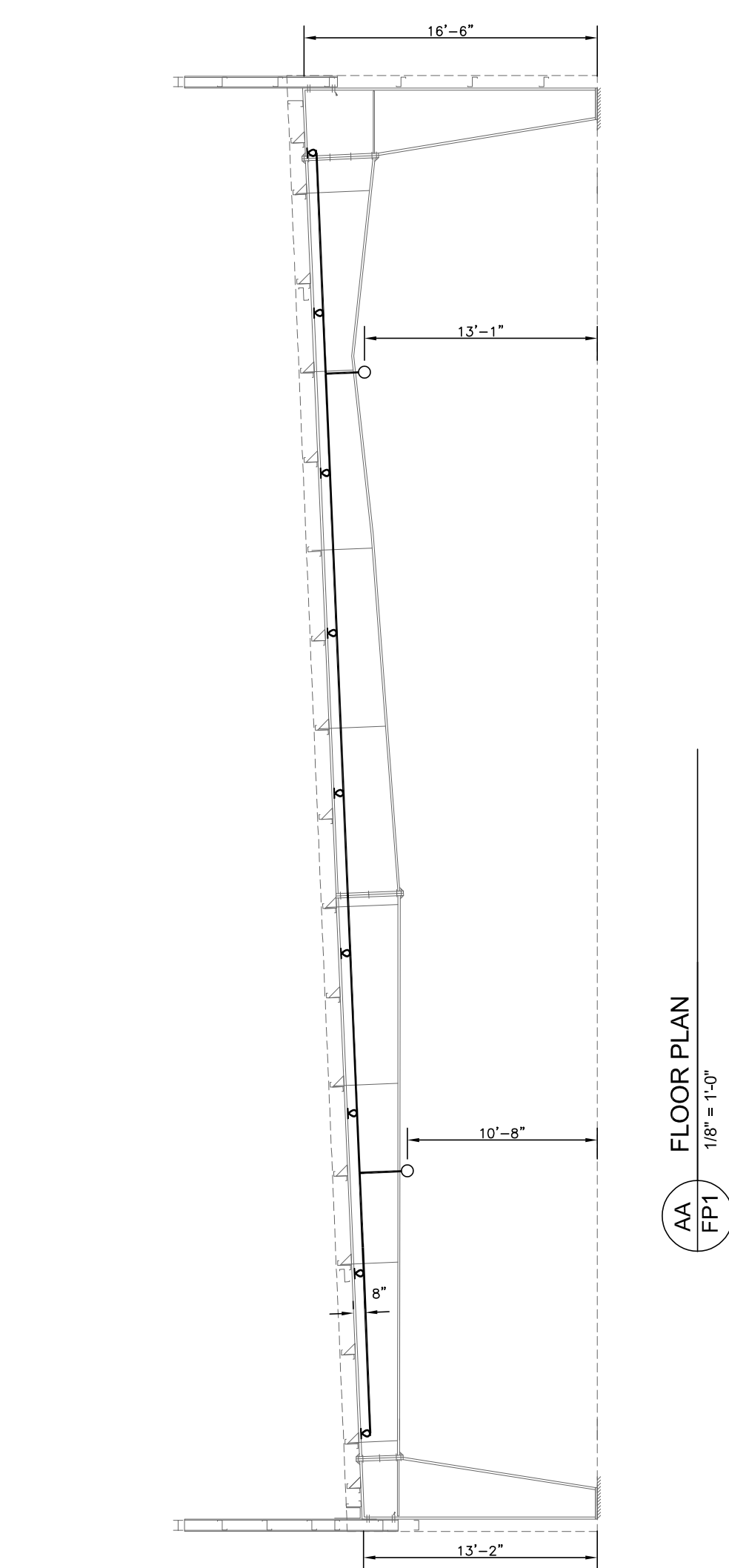
DRAWN BY
R.V.

SCALE
1/8" = 1'-0"

DATE
04-14-2022

SHEET NUMBER

FP1 OF 1

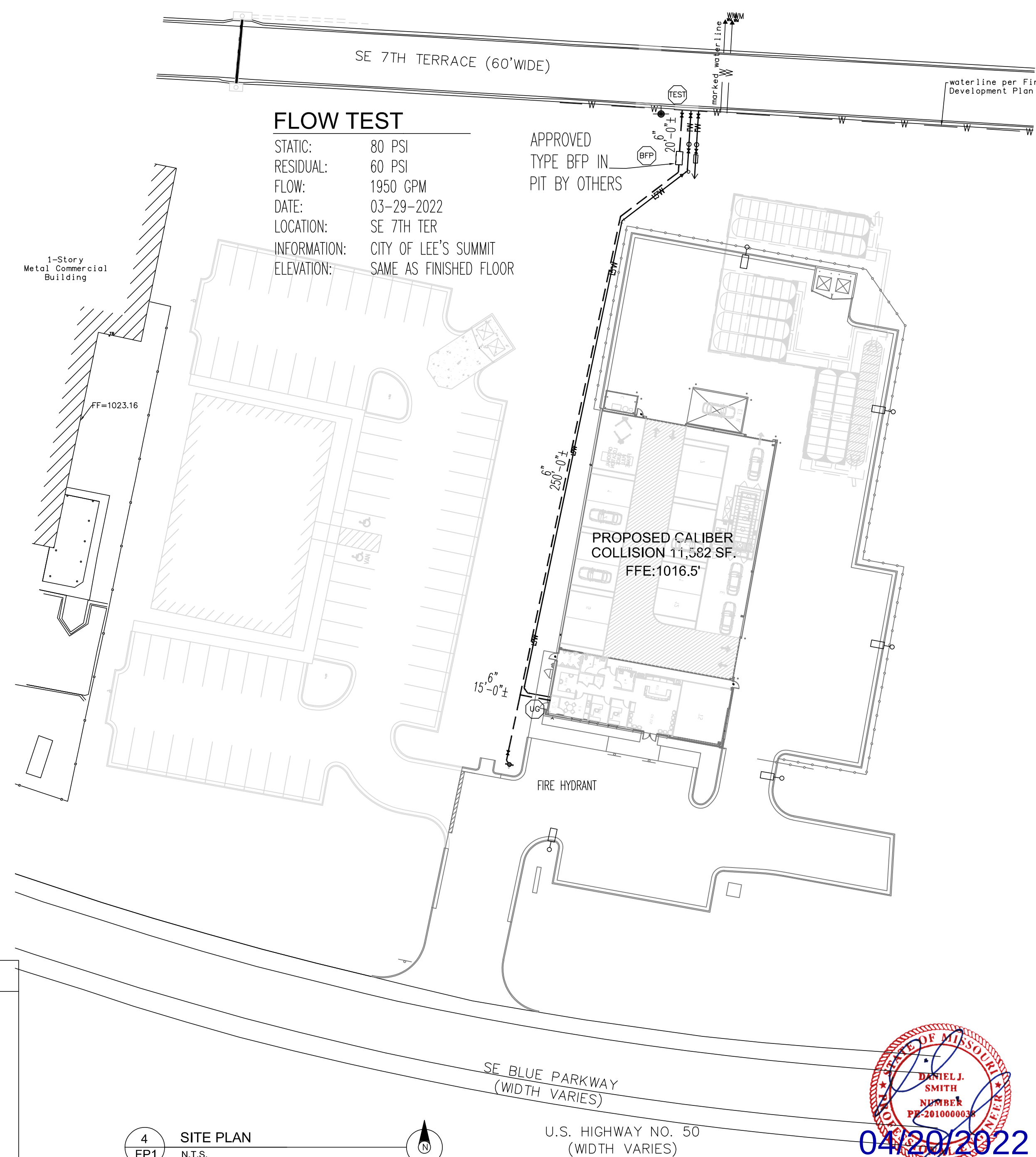


AA
FP1

FLOW TEST

STATIC:	80 PSI
RESIDUAL:	60 PSI
FLOW:	1950 GPM
DATE:	03-29-2022
LOCATION:	SE 7TH TER
INFORMATION:	CITY OF LEE'S SUMMIT
ELEVATION:	SAME AS FINISHED FLOOR

APPROVED
TYPE BFP IN_
PIT BY OTHERS



U.S. HIGHWAY NO. 50
(WIDTH VARIES)

FP1 OF 1