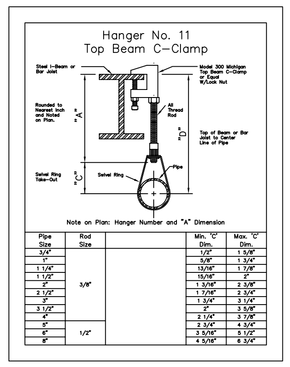
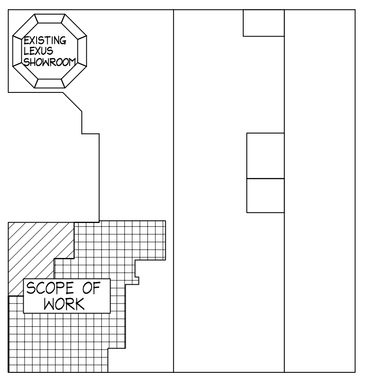
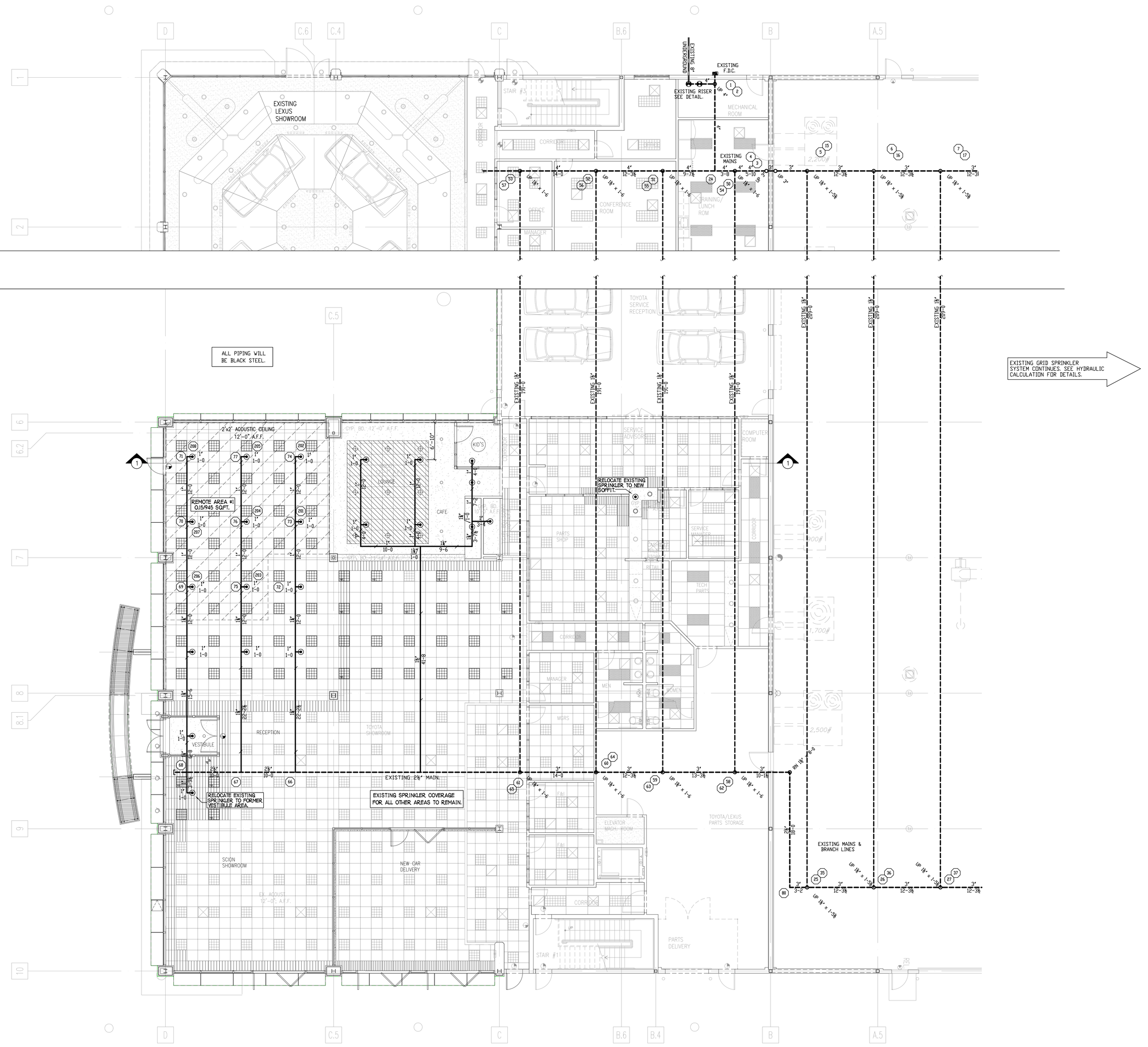


HYDRAULIC DESIGN DATA	
System # & Area	#1 - #1
No. of Sprinklers	8
Density	0.15 GPM
Designed Area	945 SQ.FT.
Hose Allowance	250 GPM
Water Flow Rate	405 GPM
Residual Pressure at Base of Riser	38 PSI
Safety Factor at Base of Riser	43.43 PSI





GROUND FLOOR RENOVATION & NEW ADDITION FIRE PROTECTION

REVISIONS	NOTES

HEAD COUNT									
SPRINKLER TYPE	IDENTIFICATION NO.	MFG.	ESC.	MODEL	FINISH	ORIFICE	TEMP.	SYMBOL	QUANT.
QUICK RESP. PENDANT K= 5.6	TY 3231	TYCO	SEMI-REC.	TY-FRB	WHITE	1/2"	155°	⊙	23
TOTAL SPRINKLERS THIS DRAWING									23

STANDARD SYMBOLS	
	– POST INDICATOR VALVE
	– KEY VALVE
	– FIRE HYDRANT
	– FIRE DEPT. CONNECTION
	– O.S. & Y GATE VALVE
	– SWING CHECK VALVE
	– NEW UNDERGROUND
	– EXIST UNDERGROUND

STANDARD SYMBOLS	
	– ALARM CHECK VALVE
	– RISER W/ALARM VALVE
	– RISER W/DRY VALVE
	– RISER W/ELEC. FLOW SWITCH
	– RISER W/DELUGE VALVE
	– WATER MOTOR BELL
	– ELECTRIC BELL
	– FLUSH FIRE DEPT. CONNECTION

INSPECTIONS	
1.	
2.	
3.	
4.	
5.	
RESPONSIBLE MANAGING SUPERVISOR #548	
CONTRACTOR LICENSE #295	

BERLIN CITY TOYOTA SHOWROOM ADDITION
191 RIVERSIDE STREET
PORTLAND, MAINE 04103

FIRE PROTECTION PLAN

FREEDOM FIRE PROTECTION, INC.
209 QUAKER RIDGE ROAD
CASCO, MAINE 04015

JOB No.	M00B0
DATE	7/9/12
DRAWN BY	MJN
SCALE	AS NOTED
SHEET No.	FP-2of2