

13130 - 76 AVE  
SPRINKLERS

GENERAL PIPE SIZE NOTE:  
ALL EXISTING MAINS TO BE 24" UNLESS NOTED  
ALL EXISTING LINES TO BE 1 1/2" UNLESS NOTED  
ALL NEW BREAK ARMS ARE 1" UNLESS NOTED

P02-12944

CITY OF SURREY  
MECHANICAL / FIRE PROTECTION

Checked by LC Date FEB 18 2003  
Subject to the requirements of the B.C. Building Code  
and the City of Surrey Building Bylaw. Details on the  
plans which exceed the above requirements are not  
considered in this review.

5

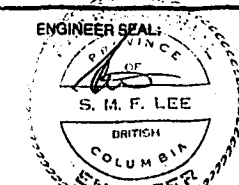
7. **PROTECTION ENGINEERING INCORPORATED**  
Reviewed for compliance with  
Code Report dated Sept. 07, 2002  
☒ Reviewed ☐ Revise and resubmit  
☐ Reviewed as noted ☐ Referred  
Signed: [Signature]  
Date: Feb. 05, 2003


Review of this drawing is for arrangement and suitability only. Review does not indicate any responsibility of Protection Engineering Incorporated for errors or omissions of any kind in this drawing nor does review release the designer or contractor from responsibility to comply with the requirements of the contract.

GROUND FLOOR - CEILING PLAN

Scale 1/3" = 1'-0"

TENANT  
RENOVATION



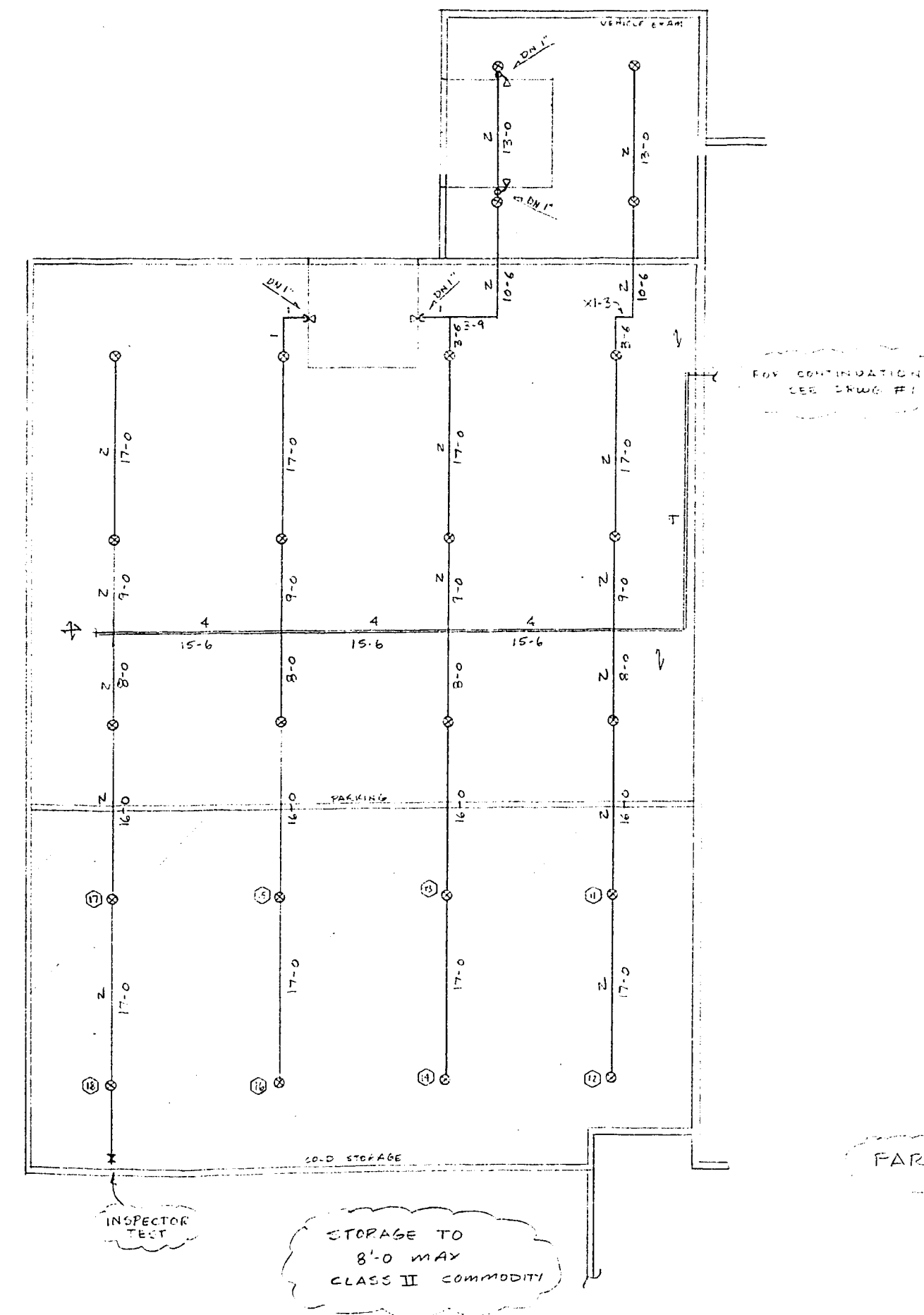
	DRAWING NUMBER	
	2135	
	DRAWING	REVISION
	1 3	A

[illegible]









CITY OF SURREY  
PLANNING & DEVELOPMENT  
BUILDING DIVISION  
PROCESSED  
4 of 5

SYSTEM DESCRIPTION  
ORD. H2O. GR I TO 8'-0"  
0.15 GPM/100 SQ. FT.  
1950 SQ. FT.  
250 GPM  
645.2 GPM @ 35.6 PSI

SYMBOL	NAME	TYPE	MODEL	K-FACTOR	ORIGINE	R.P.T.	TEMP.	QUANTITY	SYMBOL	NAME	TYPE	MODEL	K-FACTOR	ORIGINE	R.P.T.	TEMP.	QUANTITY
○	STAR	UPRIGHT	S-110	14.0	3/4"	3/4"	160°F	24	○	STAR	UPRIGHT	S-110	14.0	3/4"	3/4"	160°F	24

SYMBOL	NAME	TYPE	MODEL	K-FACTOR	ORIGINE	R.P.T.	TEMP.	QUANTITY	SYMBOL	NAME	TYPE	MODEL	K-FACTOR	ORIGINE	R.P.T.	TEMP.	QUANTITY
△	STAR	SIDEWALL	S6	5.6	1/2"	1/2"	160°F	4	△	STAR	SIDEWALL	S6	5.6	1/2"	1/2"	160°F	4

NO.	DATE	REVISION
A	OCT. 17/02	APPROVAL

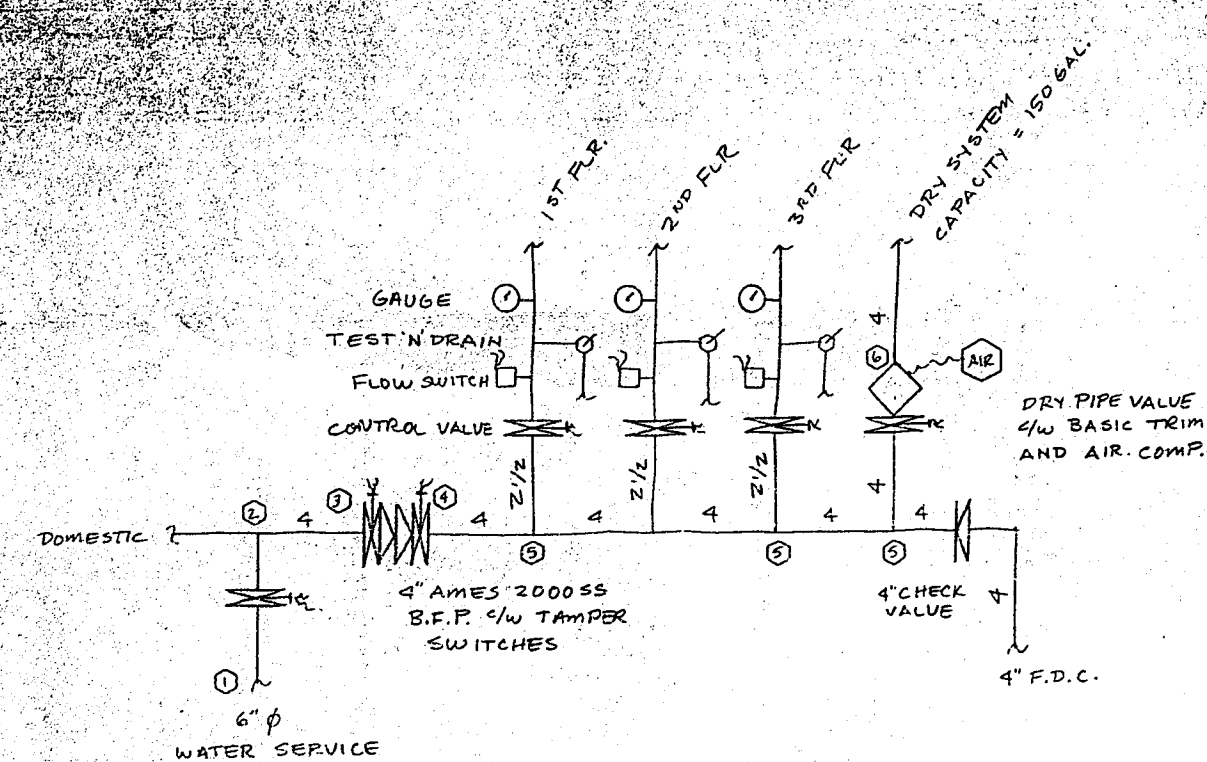
SCALE: 1/8" = 1'-0"  
CONTRACT WITH:  
FIRE TECH  
SPRINKLERS LTD.

PROJECT: 12130 76TH AVE.  
SURREY, B.C.

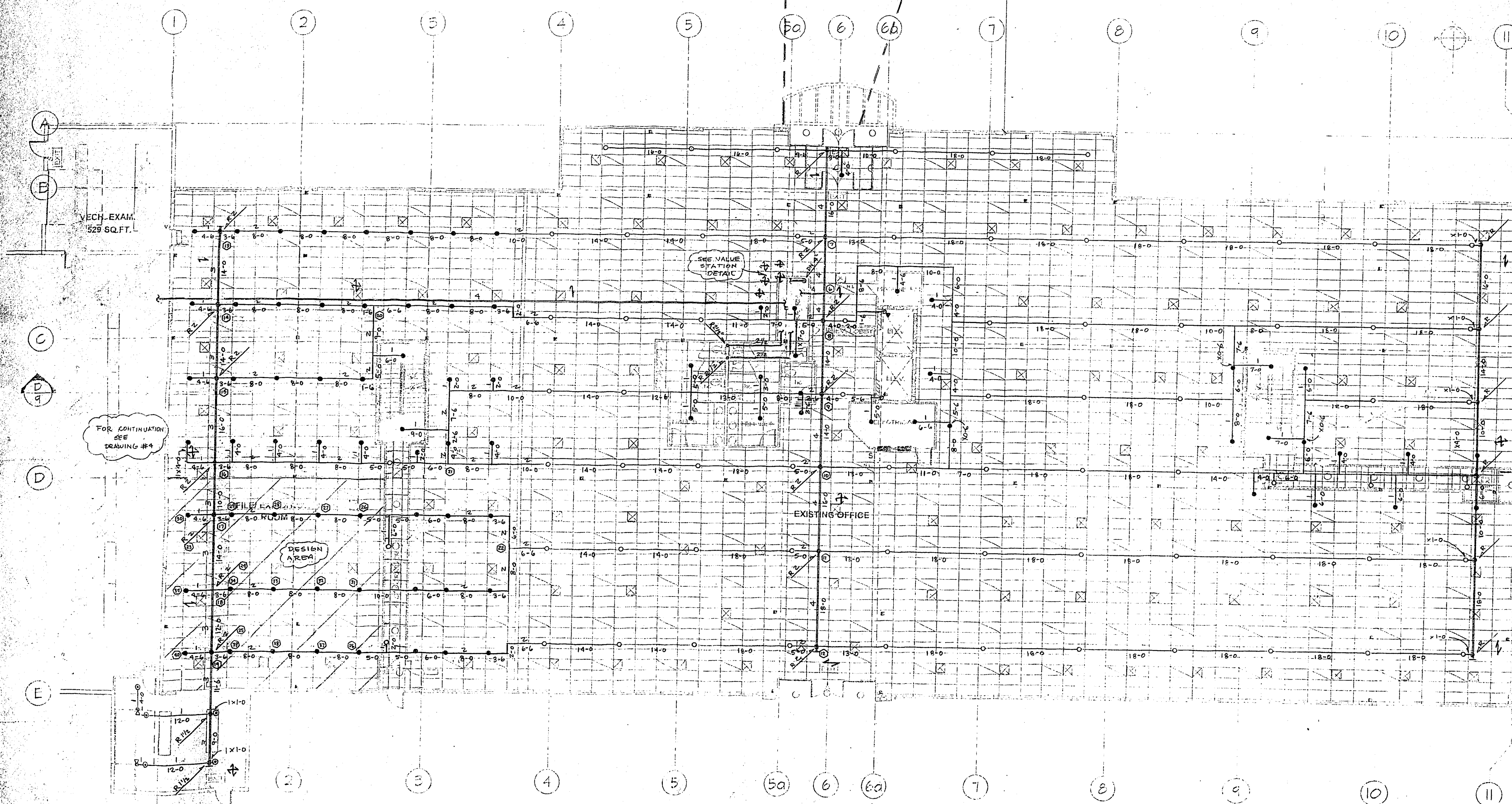
ENGINEER SEAL: S.M.F. LEE  
DRAWING NUMBER: 2102  
DRAWING: 4 OF 4  
REVISION: A

30 X





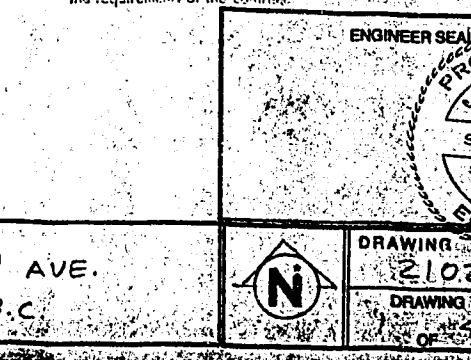
- DESIGN CONFORMS TO S.C.B.C. 1998, NFPA 13 1996, PROTECTION ENG. INC. EQUIV. REPEAT SEPT. 01/01
- ALL CONTROL VALVES TO BE MONITORED
- HEAD SPACING - 0 - 18"0 X 18"0 MAX.
- WATER SUPPLY - STATIC 51 PSI RESIDUAL 3600 USGPM @ 20.7 PSI
- TWO & FOUR WAY SWAY BRACING
- PIPE & FITTINGS - 1" PIPE TO BE DYN. THREAD 40 1/4" THREADED FITTINGS
- ALL 1 1/4" PIPE AND LARGER TO BE DYN. FLO. 1/4" GROOVED FITTINGS



GROUND FLOOR PLAN

PIPE SIZE NOTE:  
ALL PIPE TO BE 1 1/4" Ø  
UNLESS NOTED OTHERWISE

PROTECTION ENGINEERING INCORPORATED  
Reviewed for compliance with  
Code Report dated SEPT. 01, 2001  
Reviewed \_\_\_\_\_  
Approved \_\_\_\_\_  
Date: NOV 17, 2001  
Signature: [Signature]  
Title: [Title]



STATION CLASSIFICATION ORDINARY HAZARD G.P. II		CUBIC GPM / SQ. FT. 500 5.0 275 5.0 3600 43.1 PSI		DATE 1989.06.01		DRAWING NO. 1310-76TH AVE.		PROJECT SURREY, B.C.		DRAWING NO. 1310-76TH AVE.		PROJECT SURREY, B.C.					
NO.	TYPE	MODEL	EXHAUST	DRIVE	WALL	TEMP.	SHUNT	NOISE	WALL	TYPE	MODEL	EXHAUST	DRIVE	WALL	TEMP.	SHUNT	NOISE
1	STAR	UPRIGHT	SG	5.6	1/4"	1/2"	160°F	5	3-6	STAR	PENDENT	SG	5.6	1/4"	1/2"	160°F	71
2	STAR	PENDENT	210	14.0	3/4"	3/4"	160°F	27			PENDENT	SG	5.6	1/4"	1/2"	160°F	33

CONTRACT WITH: FIRE TECH		PROJECT: 1310 - 76TH AVE. SURREY, B.C.	
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DRAWING NO. 1310-76TH AVE.		PROJECT SURREY, B.C.	
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CASCADE FIRE PROTECTION DESIGN SERVICES INC.  
 1755 WOODSIDE PLACE WEST VANCOUVER B.C. V7S 2Y6 TELEPHONE (604) 926-8962 FAX (604) 926-8962

