

NOTES.

TO PROVIDE AUTOMATIC SPRINKLER SYSTEM PROTECTION, DESIGNED TO N.F.P.A. 13D (ONE AND TWO FAMILY DWELLINGS)

WATER SUPPLY:
STORAGE TANK AND PUMP, TO NFPA 13D

STATIC: 49 psi **FLOW:** 40 usgpm @ 45 psi res.

DESIGN REQUIREMENTS:
-FLOW 2 SPRINKLER TO OPERATE AT 16 usgpm

SPRINKLERS:
-1/2" 155 F RESIDENTIAL CHROME SIDEWALL (K=4.0)
VIKING RESIDENTIAL "FREEDOM" MODEL VK453
(DESIGNED TO 16'-0" x 18'-0" COVERAGE)
(INSTALLED 0'-4" - 0'-6" BELOW CEILING)

PIPE AND FITTINGS:
TO NFPA 13D STANDARDS.
SCEPTER "BLAZEMASTER" CPVC PIPE AND FITTINGS

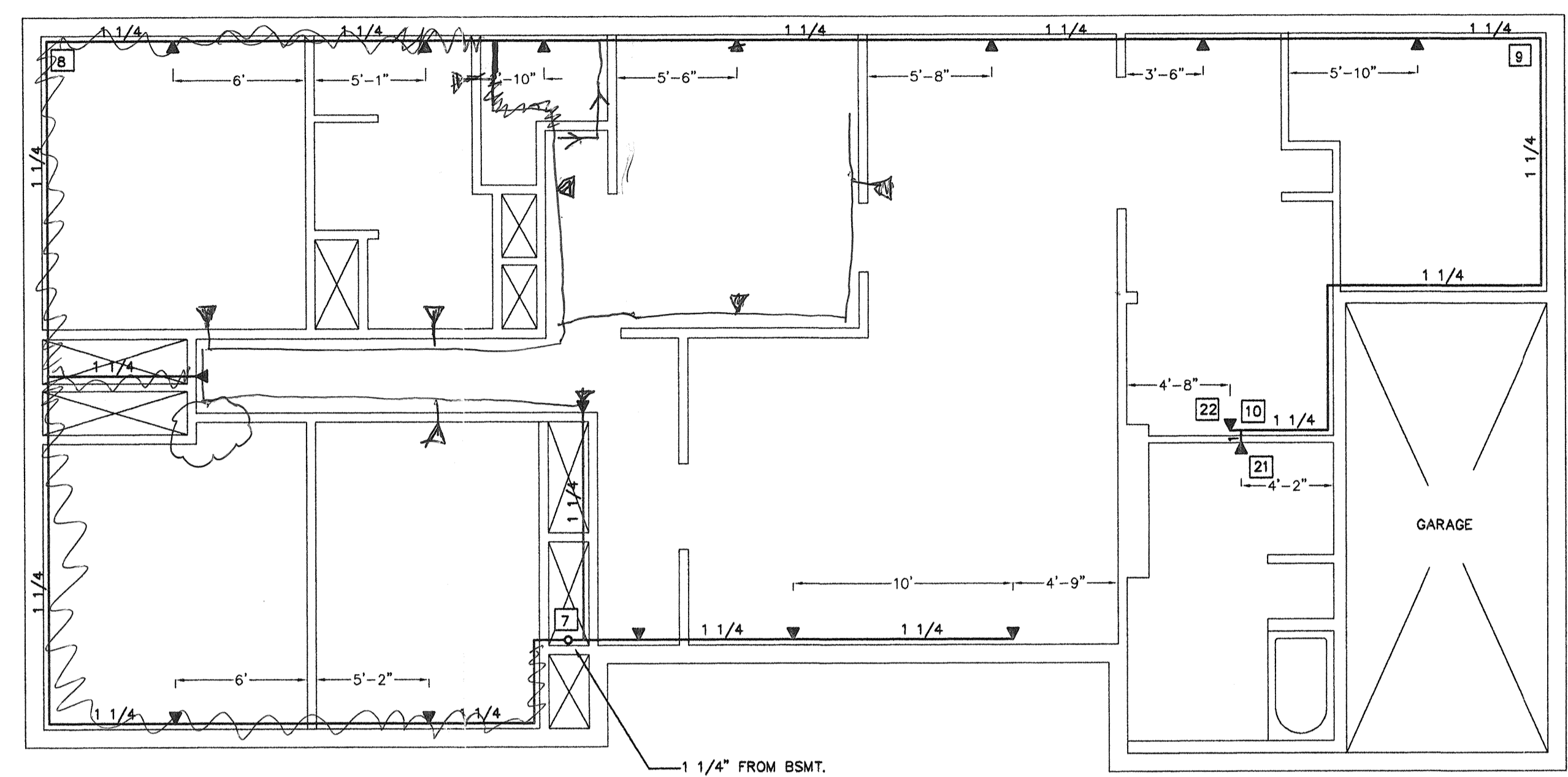
HANGERS:
TO NFPA 13D STANDARDS.

TESTING:
ALL PIPING TO BE HYDROSTATIC TESTED-100 psi/2 hours

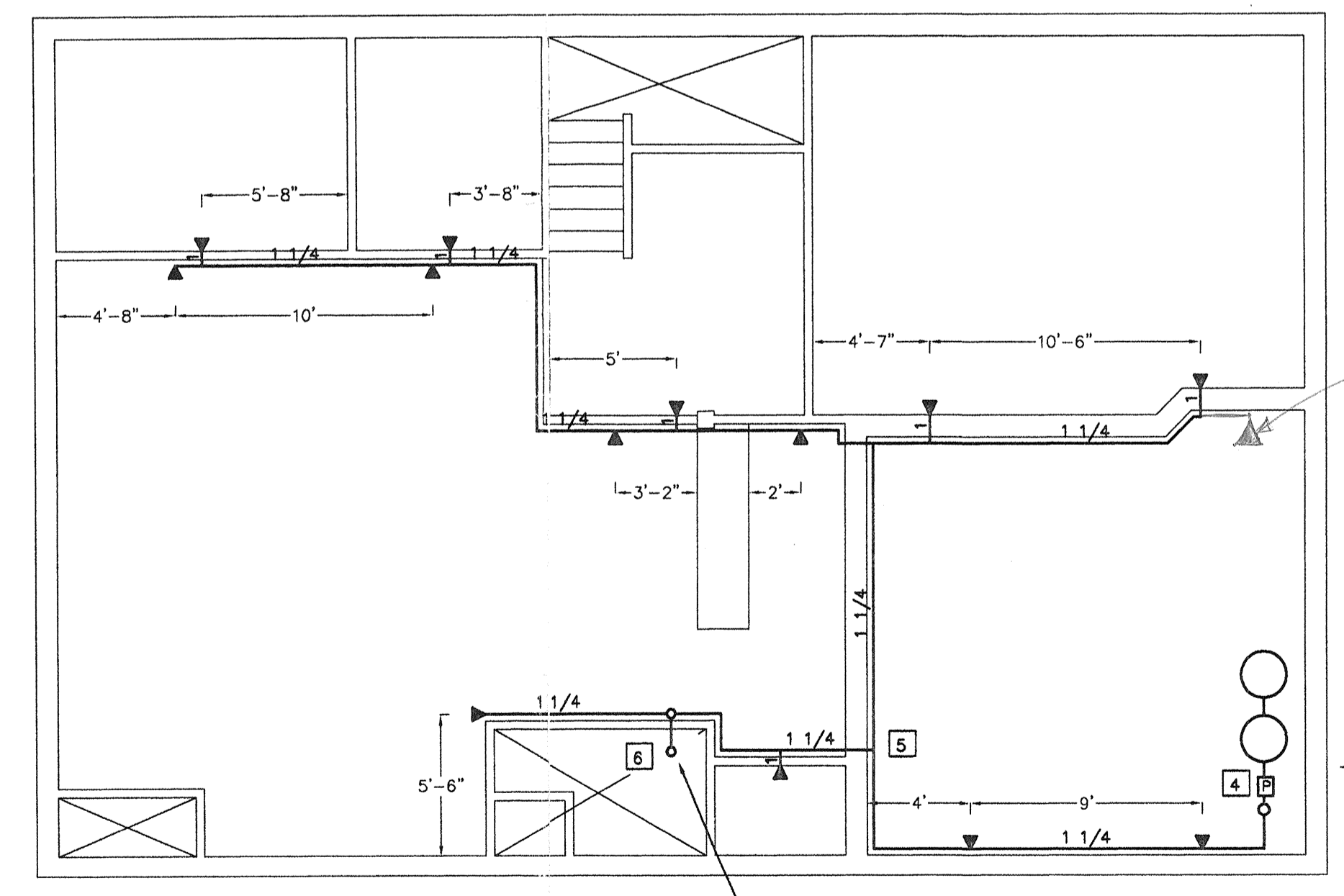
The undersigned has reviewed & takes responsibility for this design, and has the qualifications and meets the Requirements set out in the Ontario Building Code to be a designer

QUALIFICATION INFORMATION
name
DOMINIC H. JANUSZ
bcin
29503
signature

REGISTRATION INFORMATION
firm name
ATIRA ENGINEERING
bcin
30999
bcin



GROUND FLOOR PIPING

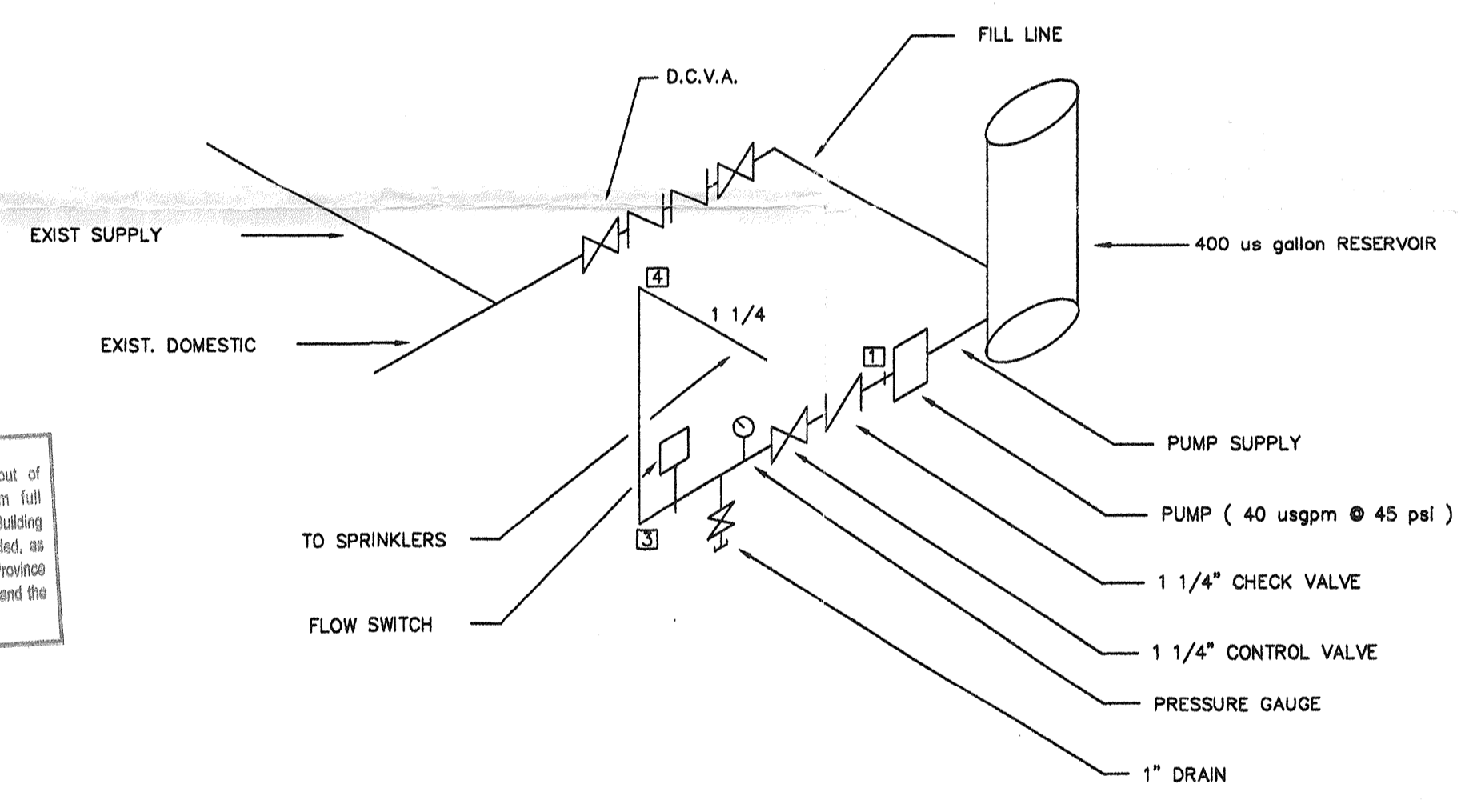


BASEMENT PIPING

ALL ELECTRICAL WIRING MUST BE INSPECTED BY THE ELECTRICAL SAFETY AUTHORITY. SEPARATE INSPECTION APPLICATIONS (PERMITS) MUST BE FILED. WE RECOMMEND YOU USE A QUALIFIED ELECTRICAL CONTRACTOR. FOR MORE INFORMATION PLEASE CALL:
1-877-ESA-SAFE
visit

IMPORTANT NOTES
Neither the issuance of a permit nor the carrying out of inspections by the City relieve the applicant from full responsibility for compliance with the provisions of the Building Code Act and the Ontario Building Code, both as amended, as well as other applicable statutes and regulations of the Province of Ontario and all relevant by-laws of the City of Oshawa and the Regional Municipality of Durham.

- SCHEMATIC TO INCLUDE:
- AUTOMATIC DOMESTIC WATER SHUT OFF
 - LOW TANK LEVEL ALARM.
 - SHUT OFF VALVE TAMPER SWITCH.



RISER SCHEMATIC
NOT TO SCALE

Provide Documentation of Fire Alarm System Monitoring.

CORPORATION OF THE CITY OF OSHAWA
TRUE COPY OF PERMIT PLANS
MAY 24 2007
PER: *AVS*
CHIEF BUILDING OFFICIAL

I acknowledge that I have read the comments red-lined and / or stamped on the permit plans and I agree to comply with all such requirements.
Name (applicant / owner) *Brian Mignall* Date *MAY 24 2007*
Signature *[Signature]* Permit Number *200700470*

INTERIOR FINISH OF EXITS
The flame spread rating of wall or ceiling finish in an exit must not exceed 25.
INTERIOR FINISH (EXCEPT EXITS)
Flame spread rating of interior finish materials shall not exceed 75.0 on walls and 15.0 on ceilings.
Combustible wall and ceiling finishes such as wood, plywood, plastic, fabric, carpet, etc. must be approved by the inspector prior to the installation.

CORPORATION OF THE CITY OF OSHAWA
TRUE COPY OF PERMIT PLANS
MAY 01 2007
PER: *[Signature]*
CHIEF FIRE PREVENTION OFFICER

PROJECT: CHRISTIAN HORIZONS - CENTRAL DISTRICT 837 SOMERVILLE OSHAWA, ONTARIO.	CONTR' No: B-07-B-2395
TOR. 1	SCALE: 3/16" = 1'-0"
TITLE: SPRINKLERS	DRWN: BNC
DESIGNED: B T NICHOLL-CARNE 418 ELLIOTT AVE, UNIT No. 16 KINGSTON, ONTARIO K7K 6Y5 TEL: 1-813-530-2295 FAX: 1-813-530-2296 E-MAIL: barryn@kingston.net	CH'KD: D.J.
	DATE: APRIL 24, 2007.
	DRWG No: SP 101
	REV: 0

CONTRACTOR:
GEORGIAN BAY FIRE & SECURITY,
P.O. BOX 803,
OWEN SOUND, ONTARIO. N4K 5W9
TEL: 1-519-376-8120 FAX: 1-519-376-8303



PUMP AND TANK (400 US GALL. MIN.)

- SITE VERIFY ROOM SIZES AND COVERAGE FOR SPRINKLER HEADS.

A COPY OF THE STAMPED/REVIEWED DRAWINGS MUST REMAIN ON SITE DURING CONSTRUCTION.

BUILDING PERMIT PLANS REVIEW	ACCEPTED AS NOTED
	REVIEWED BY DATE
ZONING AND PARKING	B.P. May 24/07
O.B.C.	AVS May 24/07
FIRE DEPARTMENT	JES May 24/07
PLUMBING	
VIEW COMPLETED	AVS May 24/07

BUILDING PERMIT #
200700470
CITY OF OSHAWA