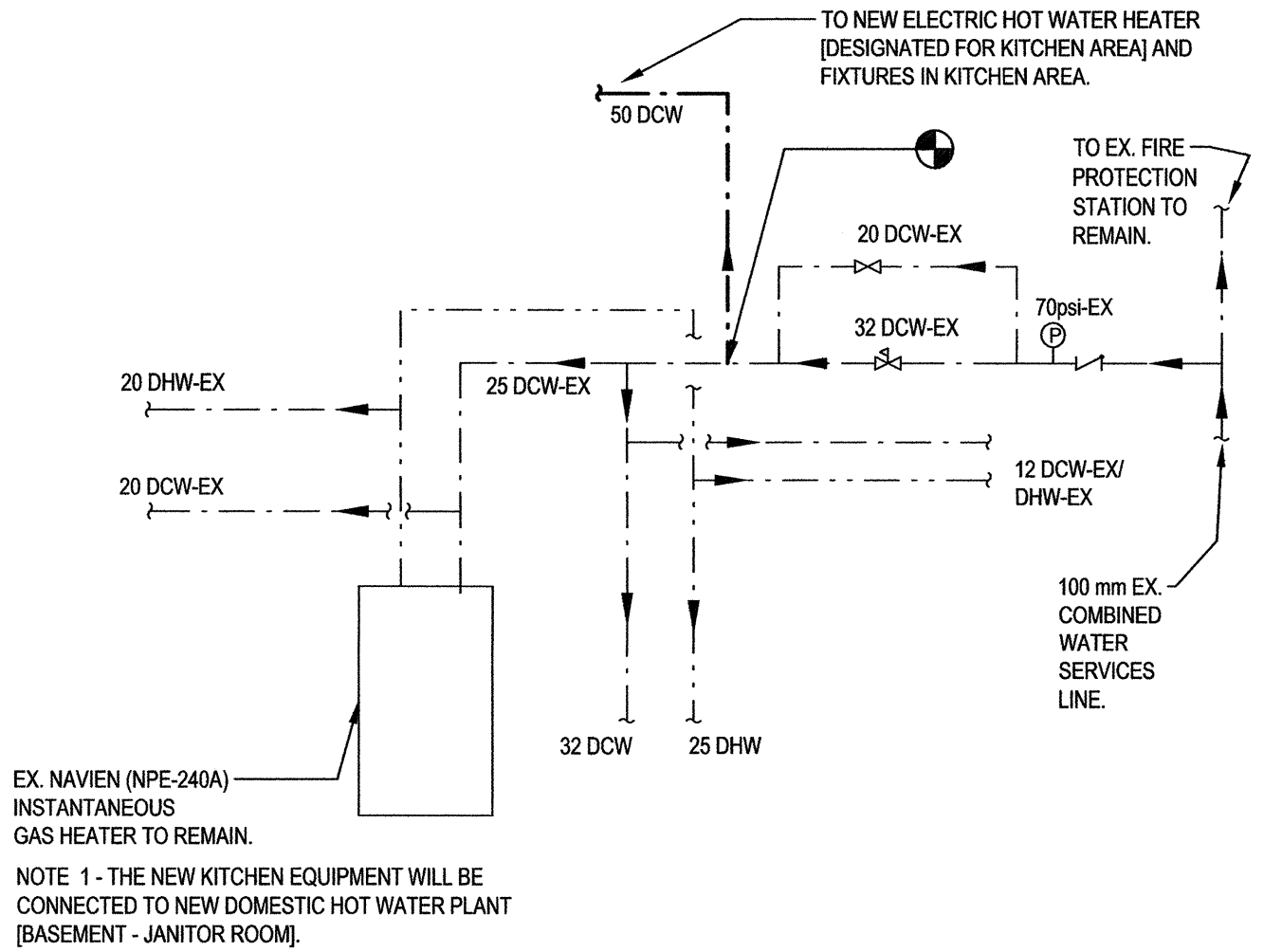
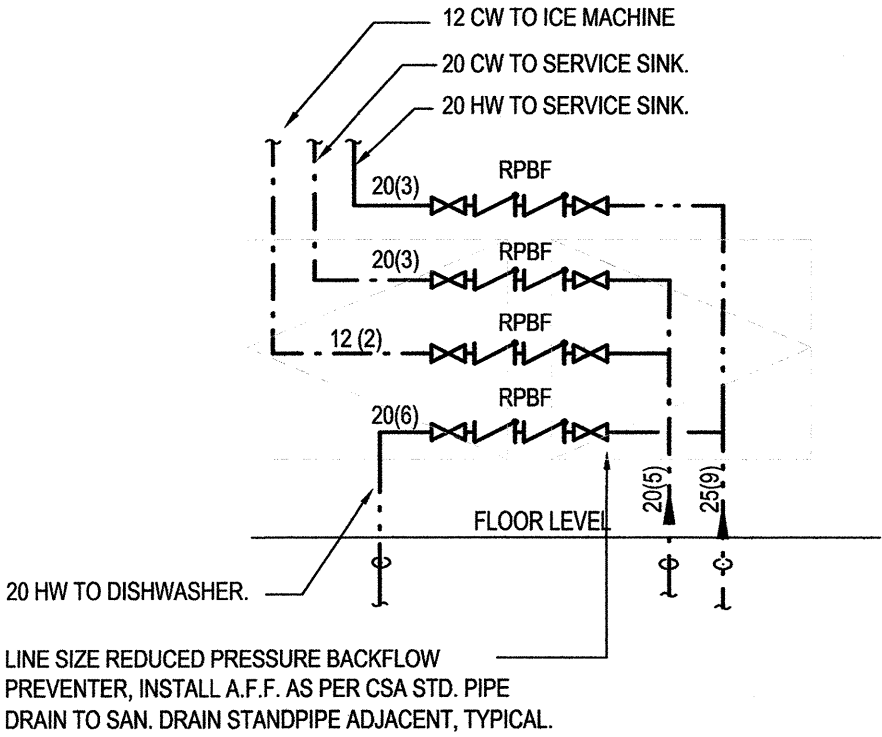


PLUMBING LEGEND	
SYMBOL	DESCRIPTION
----	DOMESTIC COLD WATER
----	DOMESTIC HOT WATER
-T- -	DOMESTIC TEMPERED HOT WATER
-H- -	DOMESTIC HOT WATER HEAT TRACED
----	DOMESTIC HOT WATER RECIRCULATION
-S- -	SANITARY DRAIN/SEWER
-ST- -	STORM DRAIN/SEWER
-G- -	GAS
-X- -	SUBSOIL DRAIN
-A- -	COMPRESSED AIR
-SOLV- -	SOLVENT WASTE
→	FLOW DIRECTION
↑	PIPE RISER
↓	PIPE DROP
----	SANITARY VENT
----	DRAIN LINE BELOW SLAB
-COND- -	CONDENSATE DRAIN
-IR- -	IRRIGATION WATER LINE
----	PIPE CAP
⊗	ISOLATION VALVE
⊗	FLOW MEASUREMENT VALVE
⊗	CHECK VALVE
⊗	SOLENOID VALVE
⊗	PRESSURE REDUCING VALVE
⊗	UNION
⊗	HOSE BIBB
⊗	NON-FREEZE WALL HYDRANT
⊗	CLEANOUT
⊗	VENT TERMINATION
⊗	FLOOR DRAIN
⊗	ROOF DRAIN
⊗	RELIEF VALVE
⊗	PUMP
⊗	SUPERVISED SHUT-OFF VALVE
⊗	BACKFLOW PREVENTER
⊗	AIR VENT
⊗	VACUUM BREAKER
⊗	PRESSURE GAUGE WITH SIPHON
⊗	TEMPERATURE GAUGE
⊗	FLEXIBLE CONNECTION
⊗	EXPANSION COMPENSATOR AND ALIGNMENT GUIDES
⊗	PIPE ANCHOR
⊗	CONCRETE THRUST BLOCK
⊗	POINT OF CONNECTION
⊗	POINT OF DISCONNECTION
XX (XX)	SIZE OF PIPE (FIXTURE UNITS)
⊗	CATCH BASIN
⊗	MANHOLE
⊗	STRAINER
⊗	2-WAY CONTROL VALVE (MODULATING)
⊗	2-WAY CONTROL VALVE (2 POSITION)
⊗	TEMPERATURE AND PRESSURE RELIEF VALVE
⊗	AUTOMATIC AIR VENT W/ISOLATION VALVE
VAXX	EQUIPMENT TAG

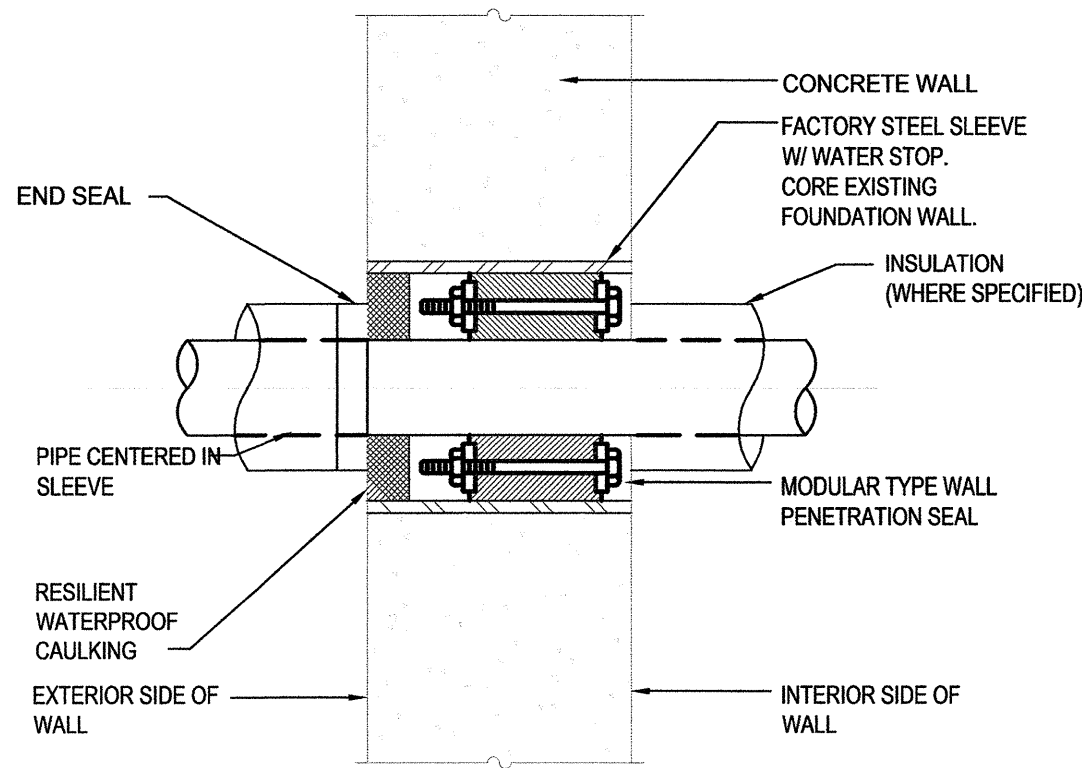
ABBREVIATIONS	
ABBREV.	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
BLDG	BUILDING
CONC.	CONCRETE
DCVA	DOUBLE CHECK VALVE ASSEMBLY
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DIA.	DIAMETER
DN	DOWN
DWG	DRAWING
ELEV.	ELEVATION
EX.	EXISTING
FD	FLOOR DRAIN
HB	HOSE BIBB
HEX	HEAT EXCHANGER
INV.	INVERT
NIC	NOT IN CONTRACT
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
O.C.	ON CENTRE
OPNG	OPENING
P	PUMP
P.D.	PRESSURE DROP
PRV	PRESSURE REDUCING VALVE
RE & RE	REMOVE AND REINSTALL
RE & REL	REMOVE AND RELOCATE
RE & REP	REMOVE AND REPLACE
RPF	REDUCED BACKFLOW PREVENTER
SPEC.	SPECIFICATION
TYP.	TYPICAL
UN	UNLESS OTHERWISE NOTED
UTR	UP THROUGH ROOF



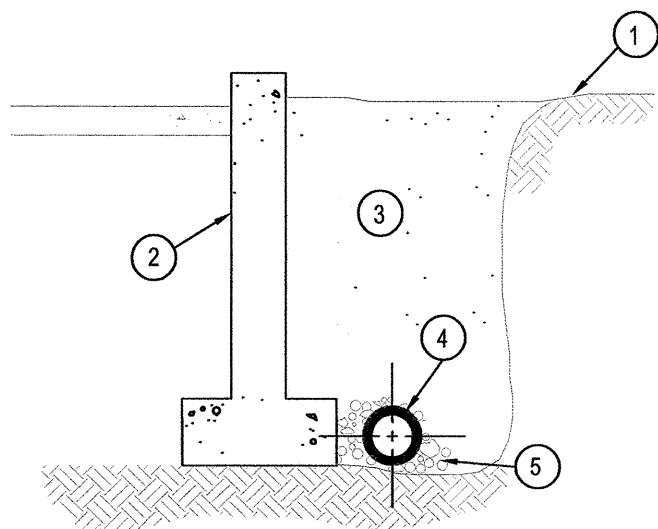
BASEMENT MECHANICAL ROOM - PLUMBING SCHEMATIC
N.T.S.



BACKFLOW PREVENTER PIPING IN WALL SCHEMATIC
N.T.S.



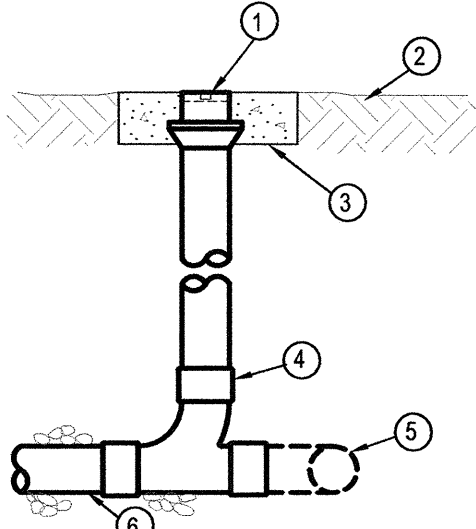
PIPE PENETRATION THROUGH FOUNDATION WALL
N.T.S.



1. FINISH GRADE.
2. FOUNDATION WALL.
3. BACKFILL MATERIAL, REFER TO SOILS SPECIFICATION.
4. SUB-SOIL DRAIN PIPE.
5. GRANULAR FILL AS SPECIFIED.

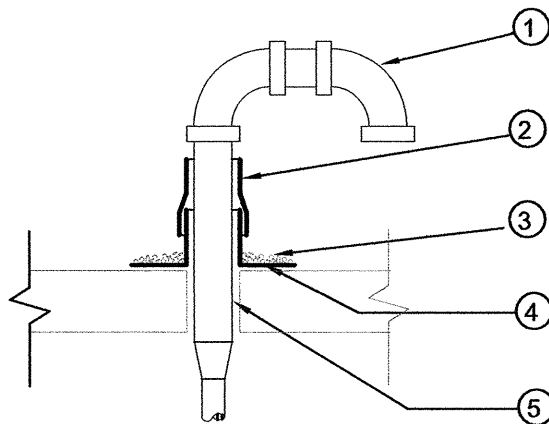
SUB-SOIL DRAIN
N.T.S.

NOTE:
REFER TO ARCHITECTURAL DRAWINGS FOR GEO TEXTILE FILTER CLOTH REQUIREMENTS

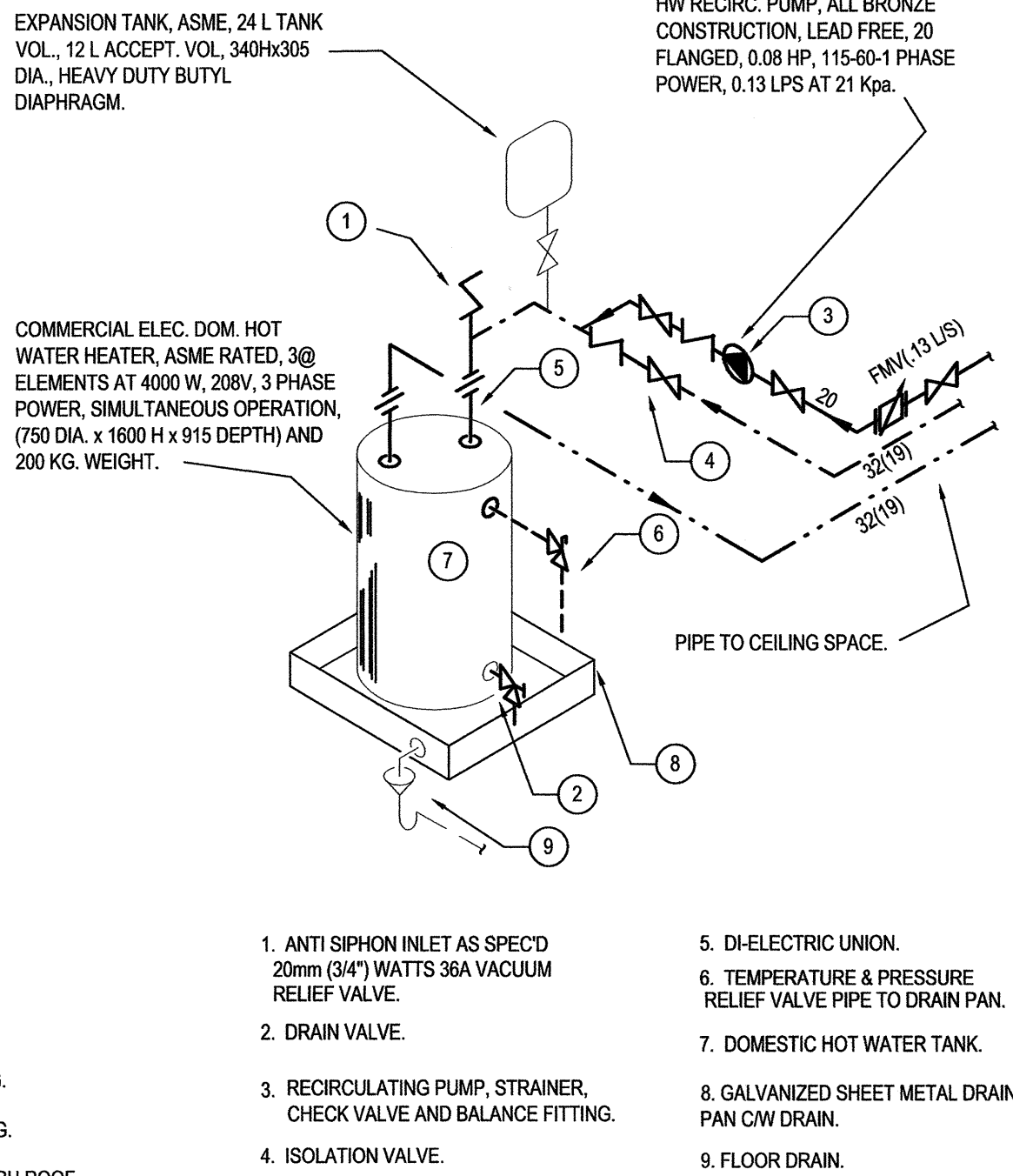


1. C.I. CLEANOUT FERRULE WITH BRONZE PLUG 100mm(4") ZURN MODEL 1449-BP (OR APPROVED EQUAL)
2. FINISH GRADE.
3. 406 x 406 x 100mm(16"x16"x4") CONCRETE PAD.
4. 100mm(4") PVC FITTING AS SPECIFIED.
5. AT END OF RUN PROVIDE PVC CAP.
6. PERFORATED PVC AS SPECIFIED.

SUB-SOIL DRAIN CLEANOUT
N.T.S.



PLUMBING VENT TERMINAL
N.T.S.



DOMESTIC HOT WATER TANK WITH RECIRCULATING PUMP
N.T.S.

Public Works and Government Services
Canada

Travaux publics et Services gouvernementaux
Canada

REAL PROPERTY SERVICES
Pacific Region

SERVICES IMMOBILIERS
Région de Pacifique

CHERNOFF THOMPSON
ARCHITECTS

J M BEAN & CO. LTD.

MEMBER OF
INTEGRAL GROUP

Project Reference No:151361.000

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Client/client		
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Consultant Signature Only		
Designed by/Concept par I.N.		
Drawn by/Dessiné par S.E.		
PWGSC Project Manager/Administrateur de Projets TPSGC TOM DUNPHY		
Regional Manager, Architectural and Engineering Services Gestionnaire régionale, Services d'architectural et de génie, TPSGC PREETIPAL PAUL		
Drawing title/Titre du dessin DETAILS LEGEND AND ABBREVIATIONS		
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