

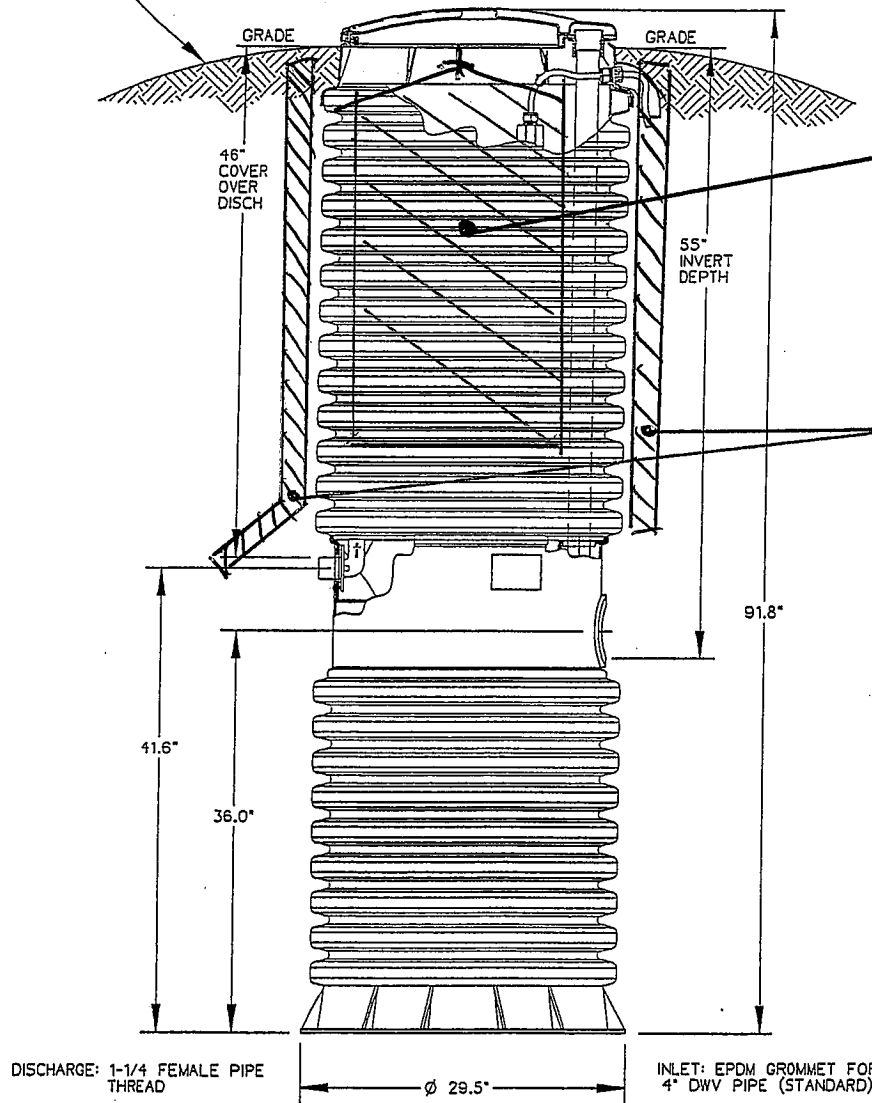
NICOLA LAKESHORE WATER UTILITY CO. LTD.
("the Utility")

Information Sheet on Utilities

1. Grinder pump – e-one model 2010-93, required by covenant; recommend 2" municipal 160 outflow line to connect to 1½" service at road. \$4,000.00 plus taxes. It is strongly recommended that you add Styrofoam rigid insulation to outside and pink insulation in a plastic bag to the inside. The insulation is not provided.
2. Treated effluent or irrigation line is 25mm (-1"). It is recommended that a stand pipe (bottom drain) be installed into the system within 50' of the house. By installing a stand pipe and 2 – 100 feet of ¾" hose you will have first point stage fire protection. Irrigation can be connected on timers after the stand pipe.
3. Water service is a 19mm (¾") line at the property boundary. A Neptune water meter and radio transmitter needs to be purchased from the Utility. Installation instructions are attached. \$400.00 plus taxes.
4. A connection fee of \$200.00 plus taxes is required at time of connection of utilities and meter. Only one inspection is called for. Please have meter ready to seal by inspector at time of inspection. It will also be started at that time.
5. Please note licensed plumbers trained in installing the system must do all connections.
6. No plans for the construction of a residence will be approved without the use of low volume flush 6 litre or dual flush toilets in any part of the development.
7. It is recommended that hydro and telephone service be placed to provide sharing of costs with adjacent lots. It is suggested that lots lines with power poles be the shared lot line for service.
8. Common trenches for service, insuring non-freezing of services is desirable to reduce impact on land. Installing services as per sketches are recommended. Roadway can be over services but caution then needs to be taken to prevent freezing (ie: adding of rigid styrofoam insulation from 2" – 4" thick).
9. Roadways (driveways) should be a maximum of 6 meters, with preferred max grade of 8% meandering alignment. The incorporation of rocks into construction will soften fills and cuts as well as add stability to the fill when "keyed" properly into original ground. Please remember that driveway location requires the approval of Nicola Lakeshore Estates Inc.
 - Sand backfills to industry specifications
 - Buried power and telephone lines in ducts a preferred option but not mandated by covenant.

2010-93

GRADE MUST SLOPE AWAY FROM STATION



rolled pink insulation in plastic bag

2" rigid insulation

DISCHARGE: 1-1/4 FEMALE PIPE THREAD

INLET: EPDM GROMMET FOR 4" DWV PIPE (STANDARD)



SGS	CAH	01/10/02	C	1/16
DR BY	CHK'D	DATE	ISSUE	SCALE

BALLAST REQUIREMENTS

A CONCRETE ANCHOR IS REQUIRED ON ALL MODEL 2010-93 STATIONS

SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT

SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS



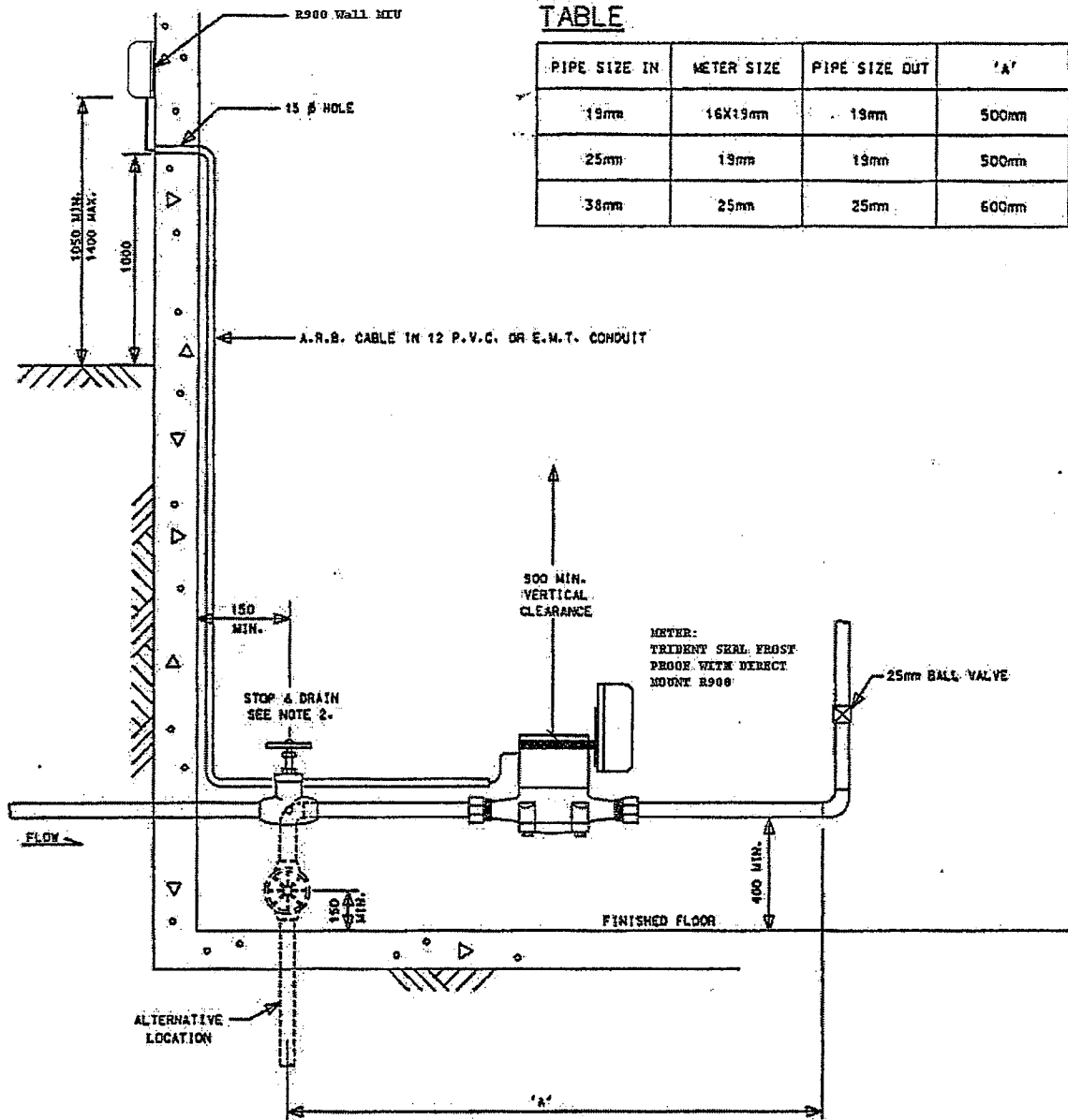
MODEL 2010-93

PA0856P04



Installation Instructions for 5/8", 3/4" and 1" Trident 10 Water Meters

1. The service line must be flushed prior to the meter install prior to the meter installation in order to remove debris in the line.
2. An electrical grounding strap must be placed on the service line, connecting the inlet and outlet service lines on either side of the meter setting.
3. In outdoor settings the meter and service line should be located deep enough in the ground to prevent freezing.
4. Suitable inlet and outlet meter valves and couplings / setters must be installed. Appropriate space must be allowed in the line for the meter laying length and two coupling gaskets. The pipe ends must be sufficiently aligned so that the coupling and meter threads can engage without binding or cross-threading.
5. Before installing the meter, remove the thread protectors and spud caps. Be sure that no debris enters the meter during installation.
6. Place the coupling gaskets inside the coupling nuts and set the meter in the line. The meter should be in the horizontal position with the register dial facing upward. The direction of flow marked on the meter must agree with the direction of water flow.
7. Start the coupling nuts by hand then use a wrench and tighten sufficient to prevent leakage. Be careful not to cross-thread the connections.
8. Slowly open the meter inlet valve to allow water to fill the meter. Next, open the meter outlet valve slowly. Open a down stream faucet and run enough water to dissipate entrained air and flush the line. While the faucet is open, check to see if the meter is operating properly.
9. Turn off the faucet and check the meter installation for leaks.



TABLE

PIPE SIZE IN	METER SIZE	PIPE SIZE OUT	'A'
19mm	16X19mm	19mm	500mm
25mm	19mm	19mm	500mm
38mm	25mm	25mm	600mm

NOTE

1. 175mm MINIMUM CLEARANCE BETWEEN WALL AND C. OF PIPE
2. STOP AND DRAIN TO BE THE SAME SIZE AS INCOMING PIPE.
3. IF HOT WATER TANK IS WITHIN 3.0m OF METER, THEN A CHECK VALVE IS REQUIRED BETWEEN METER AND HOT WATER TANK.
4. ALL COPPER PIPING AFTER THE STOP AND DRAIN TO BE OF TYPE "L" COPPER.
5. PIPING FOR METER TO BE RUN HORIZONTALLY & METER TO BE INSTALLED ON HORIZONTAL PIPING ONLY.
6. WHERE THE INCOMING PIPE IS OTHER THAN COPPER, 500mm OF HORIZONTAL TYPE "L" COPPER PIPE (AS PER ABOVE TABLE).
7. METER SIZE TO BE ONE PIPE SIZE SMALLER THAN INCOMING SERVICE SIZE.
8. METERS MUST NOT BE LOCATED BEHIND FURNACES, WATER TANKS, etc.

NEPTUNE. STANDARD DRAWING

16 x 19 TO 25 METER INSTALLATION
IN BUILDING

REV. DATE: MARCH 18, 2004

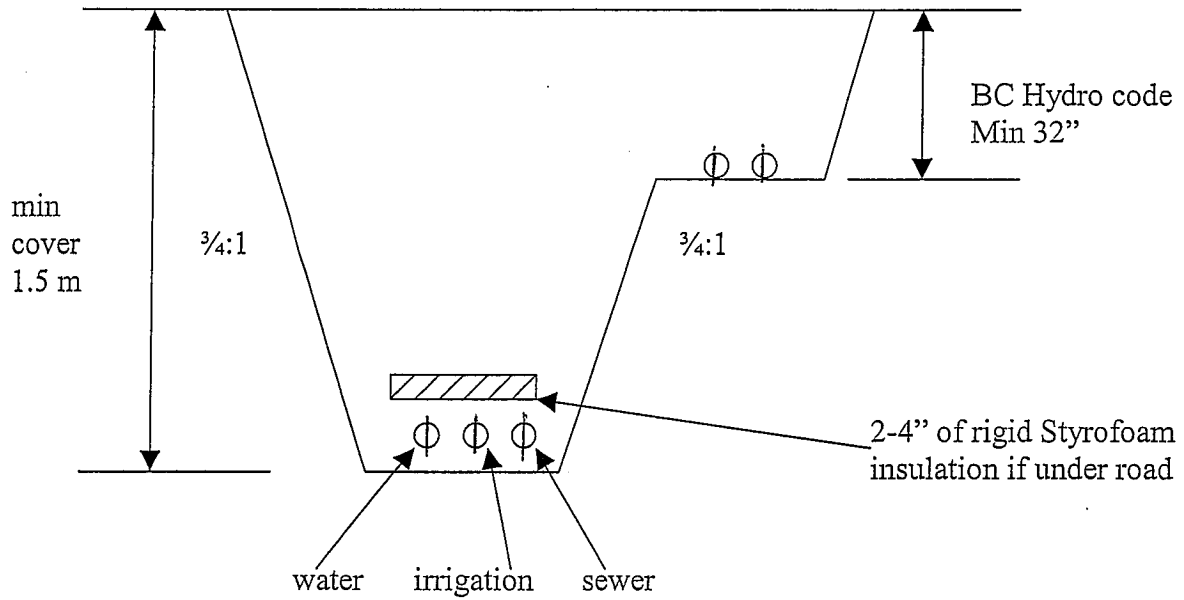
APPROVED BY DRAWN BY

R. C.

STD. DWG.

SCALE
N.T.S.

SCHEDULE A



- Note:
- sand backfill to industry code 6" recommended
 - buried power/telephone duct a preferred option, but not in covenant

N.T.S.