



## WATER CONNECTION AT MAIN SIDE VIEW NTS

### KEY TO NUMBERED PARTS:

- ① RETURN LINE SHALL BE 25mm DIA. CTS HDPE DR 9 PIPE AND SUPPLY LINE SHALL BE 50mm DIA. IPS HDPE DR 11 PIPE.
- ② CAULK WITH SILICON ALL AROUND.
- ③ POLYURETHANE INSULATION FROM PORTABLE FOAM PACK TO FILL VOID.
- ④ HEAT TRANSFER TAPE WRAPPED ALL OVER HEAT TRACE CABLE AND ALL OVER PIPE/FITTINGS, etc. WITHIN INSULATION FORM (TO KEEP FIELD POURED URETHANE FROM BETWEEN HEAT TRACING AND PIPING).
- ⑤ STEEL LID MADE FROM 2.7mm THICK SHEET STEEL GALVANIZED AFTER FABRICATION.
- ⑥ 296mm INSIDE DIA. REMOVABLE GALVANIZED SHEET METAL CAP WITH FIELD CUT HOLES.
- ⑦ 50 DIA. DR 9 HDPE PIPE VALVE EXTENSION FIELD CUT TO LENGTH AND FILLED WITH ESSO EPIC-102 GREASE.
- ⑧ HEATING CABLE, WRAPPED AROUND SERVICE RISER, VALVES, MAIN AND SERVICE LINES. BOTH ENDS OF HEAT CABLE TO TERMINATE IN BUILDING.
- ⑨ RETURN LINE SHALL HAVE:  
25mm BA44-44W ANGLE BALL VALVE C/W PACK JOINTS AND STIFFENERS AND SUPPLY LINE SHALL HAVE 50mm FORD B44-777 BALL VALVE C/W PACK JOINT AND INSERT STIFFNER ONE END AND 50mm STREET ELBOW 90° OTHER END. STREET ELBOW SHALL HAVE PACK JOINT AND INSERT STIFFNER AT END FOR HDPE PIPE.
- ⑩ No. 8 X 13mm CADMIUM PLATED SHEET METAL SCREWS.
- ⑪ BOTTOM INSULATION FORM OF GALVANIZED SHEET STEEL.
- ⑫ POLYURETHANE OR FIBRE REINFORCED PLASTIC (FRP) FOAM PLUG. (MINIMUM 50mm THICK)
- ⑬ 12mm DIA. SCREW BOLT WITH WELDED NUT, GALVANIZED (FOUR PER LID)
- ⑭ HDPE IPS DR 13.5 WATER MAIN WITH 50mm POLYURETHANE INSULATION
- ⑮ 600mm DIA. 68 X 13 X 1.6mm THICK GALVANIZED STEEL CULVERT.
- ⑯ SHOP CAST 50mm THICK POLYURETHANE INSULATION WITH BLACK JACKET PROTECTIVE COATING.
- ⑰ HEAT SHRINK SLEEVE MIN. 100mm LAP ON BLACK JACKET AFTER SHRINKAGE.
- ⑱ HDPE THERMAL BREAK CONNECT TO ITEM 22 WITH BRASS COTTER PIN.
- ⑲ VALVE OPERATING ROD CONNECT TO ITEM 45 WITH BRASS COTTER PIN.

RESOLUTE BAY  
NUNAVUT

UTILIDOR REPAIRS  
RESOLUTE BAY NUNAVUT



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