

RESOLUTE BAY  
NUNAVUT

# UTILIDOR REPAIRS

- |    |  |
|----|--|
| 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 GALVANIZED AFTER FABRICATION.  |
| 6  | 296mm INSIDE DIA. REMOVABLE GALVANIZED SHEET METAL CAP WITH FIELD CUT HOLES.   |
| 7  | 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:<br>25mm B44-44W 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 STIFFENER ONE END AND 50mm STREET STIFFNER AT END FOR HPPE PIPE. |
| 10 | No. 8 X 13mm CADMIUM PLATED 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 WITH BLACK JACKING 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.  |

KEY TO NUMBERED PARTS:

SIDE VIEW

WATER CONNECTION AT MAIN

