150 mm H×F 90° BEND

EXISTING PUMP HOUSE

WELL

EXISTING 60,000 GAL WOOD STAVE RESERVOIR

6 m

4.5m

SEE DETAIL BELOW

50 G.I. PIPE

EXISTING DRAIN LINE

150mm H×H 90° BEND

150mm H-F VALVE C/W RISER & CAP

150mm CL150 OUTLET LINE

PROPOSED 60,000 GAL. STEEL RESERVOIR
APPROXIMATE DIMENSIONS
9.8m DIA × 4.9m DEEP
RESERVOIR SUPPLIED BY
STANCO PROJECTS

100mm SPOOL F×F 2.0m LONG
100mm H×F ADAPTOR

100mm INLET LINE

LADDER AND ACCESS HATCH

ELECTRODE HOLDER LOCATION

100mm DRAIN AND 100mm VALVE C/W RISER

ALTITUDE GAUGE - WEISS 6AGSF-1
PRESSURE RANGE 0-30 Ft WITH ½ FT GRADUATIONS & LOWER CONNECTION.
LOCATION TO BE DETERMINED BY ENGINEER ON SITE

NOTES

1. THE RESERVOIR SITE SHOULD BE LEVELED UNDER THE WHOLE FILL AREA AND TESTED FOR SOFT SPOTS. SOFT SPOTS TO BE REPAIRED WITH APPROVED MATERIAL AND THE WHOLE AREA IS TO BE COMPACTED TO 95% STANDARD DENSITY
2. ALL ELEVATIONS AND DIMENSIONS FOR THE RESERVOIR ARE DETAILED ON MANUFACTURERS TECTANK DWGS Nos. 50-00191-1 AND 2
3. THRUST BLOCKING REQUIRED ON ALL FITTINGS
4. ALL PIPE IN TANK TO BE SCHEDULE 40 STEEL
5. RESERVOIR SITE TO BE CLEARED AND STRIPPED OF ALL ORGANIC MATERIAL TO FIRM GRAVEL BASE
6. ELECTRODE ELEVATIONS SHOWN ON ELECTRICAL DRAWINGS
7. PRESSURE GUAGE TO BE INSTALLED ON RESERVOIR SIDE.
8. ALL ELEVATIONS ARE GEODETIC

EXISTING RESERVOIR ROOF

90° BEND

CAP

200 Ø PVC PIPE STRAPPED TO 50×300 PLANK & FILLED WITH URETHANE FOAM OR SIMULAR INSULATION

50×300 CEDAR PLANK

HOOP

50 G.I. RESERVOIR INLET PIPING

EXISTING FOOTING

EXISTING GROUND

300 MIN

600 MIN

90° BEND

DETAIL OF RESERVOIR INLET PIPE

N.T.S.

AIR VENT 36in² % SCREEN

TOP WATER LEVEL 40.9m
TO MATCH EXISTING TANK

100mm INLET

15mm POLYETHYLENE VAPOUR BARRIER IN ONE PIECE

COMPACTED SAND LAYER

2m

100mm Ø #411 ROCKWELL COUPLING
100mm F-P.E. SPOOL

150mm

150mm FF LR 90° BEND

300mm ¾ MINUS CRUSHED GRAVEL
COMPACTED TO 100% STANDARD PROCTOR DENSITY

150mm #411 ROCKWELL COUPLING

3
1

12m

75 MINUS PITRUN GRAVEL COMPACTED TO 100% STANDARD PROCTOR DENSITY

150mm F×F SPOOL 2.0m LONG

TANK FOUNDATION PLAN

150mm DIA. OVERFLOW TO EXISTING DRAINAGE DITCH ON YUMBURY ROAD

TANK BOTTOM

CHECK DRAIN SHOULD BE FLUSH

100mm F×P.E SPOOL LENGTH TO SUIT

100mm F×F 90° BEND

SAME DETAIL APPLIES TO OVERFLOW EXCEPT 150mm PIPE IS USED

DRAIN DETAIL

FC-354

REVISIONS			
	DATE	BY	SUBJECT
	JAN 30	DR	ELECTRODE HOLDER
	FEB 19	DR	VARIOUS ADDITIONS TO SUIT NRD
P.ENG.	MAY 15	DR	REVISION TRACED & CONFIRMED

CHARLES O SMYTHIES and ASSOCIATES
NANAIMO, BRITISH COLUMBIA

CUMBERLAND REALTY GROUP LTD.
EAGLECREST PROPERTIES PHASE I
RESERVOIR SITE PLAN

DRAWN: D.R. | TRACED: | CHECKED:
SCALE: HOR. 1:50 VERT. | APPROVED:
JOB NO: NS 168 3E
DATE: SEPT 1979
DWG: 302

BLIL 5/8/13-13