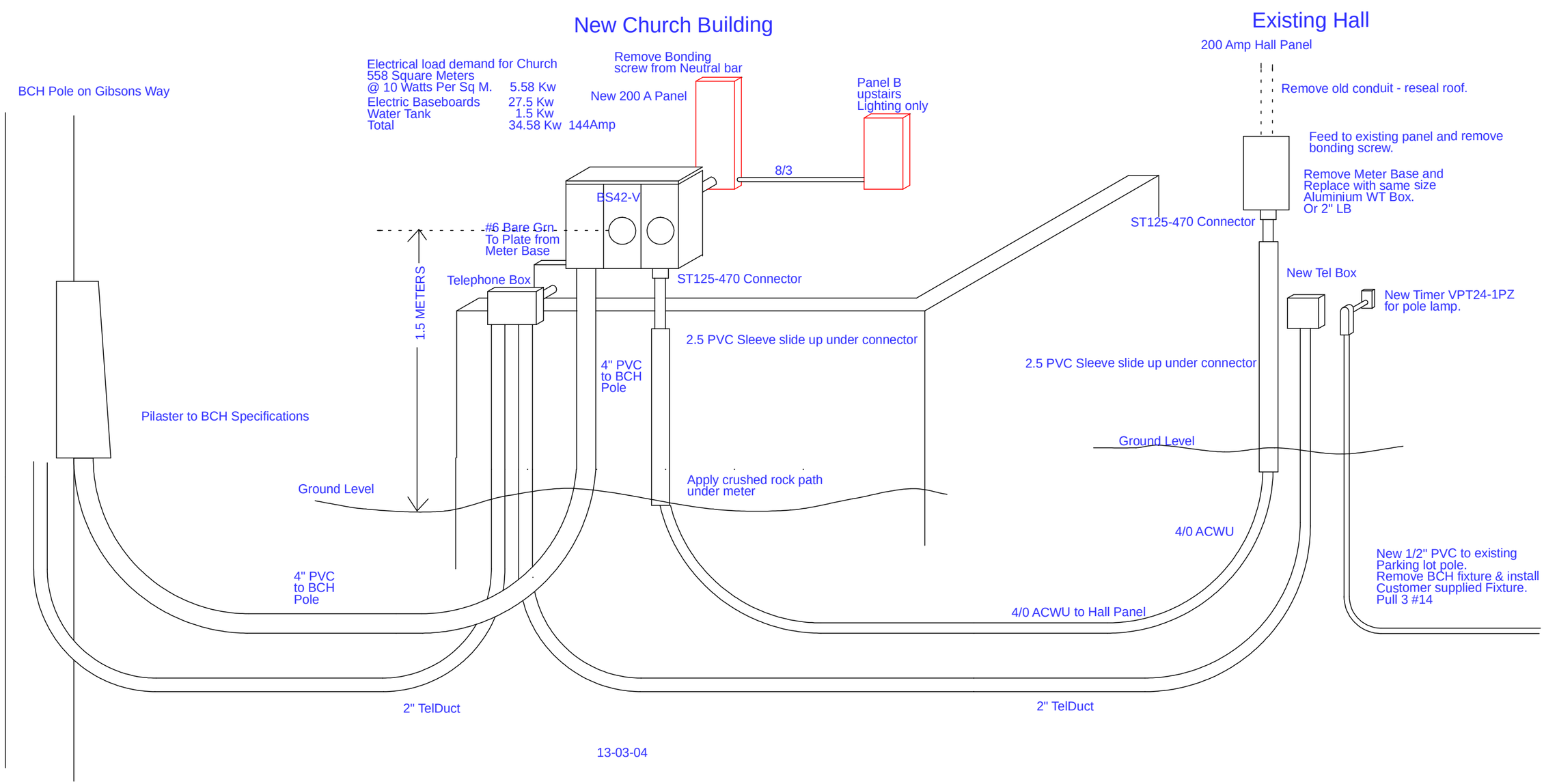
New Church Building
Existing Hall
Electrical load demand for Church
558 Square Meters
@ 10 Watts Per Sq M. 5.58 Kw
Electric Baseboards 27.5 Kw
Water Tank 1.5 Kw
Total 34.58 Kw 144Amp
Remove Bonding screw from Neutral bar
New 200 A Panel
Panel B upstairs Lighting only
8/3
BS42-V
#6 Bare Grn To Plate from Meter Base
Telephone Box
ST125-470 Connector
1.5 METERS
2.5 PVC Sleeve slide up under connector
4" PVC to BCH Pole
BCH Pole on Gibsons Way
Pilaster to BCH Specifications
Ground Level
Apply crushed rock path under meter
4" PVC to BCH Pole
2" TelDuct
200 Amp Hall Panel
Remove old conduit - reseal roof.
Feed to existing panel and remove bonding screw.
Remove Meter Base and Replace with same size Aluminium WT Box. Or 2" LB
ST125-470 Connector
New Tel Box
New Timer VPT24-1PZ for pole lamp.
2.5 PVC Sleeve slide up under connector
Ground Level
4/0 ACWU
4/0 ACWU to Hall Panel
New 1/2" PVC to existing Parking lot pole. Remove BCH fixture & install Customer supplied Fixture. Pull 3 #14
2" TelDuct

13-03-04