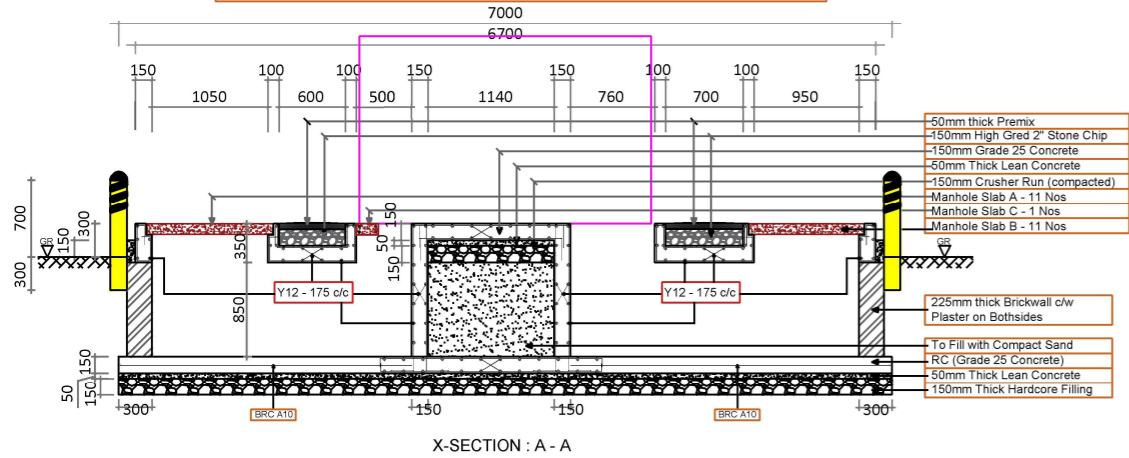
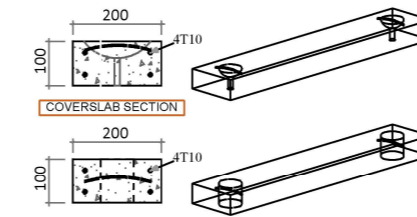


- 5 nos 2 layer (10 nos) 150mm dia. PVC class B pipe  
Pipes to be extend beyond drain and road kurb of main road
- Compound Kurb (100mm x 350mm)
- Fixed Concrete Bollard (150mm dia)
- 2 nos 2 layer (4 nos) 150mm dia. PVC class B pipe  
Pipes to be extend beyond drain and road kurb of main road

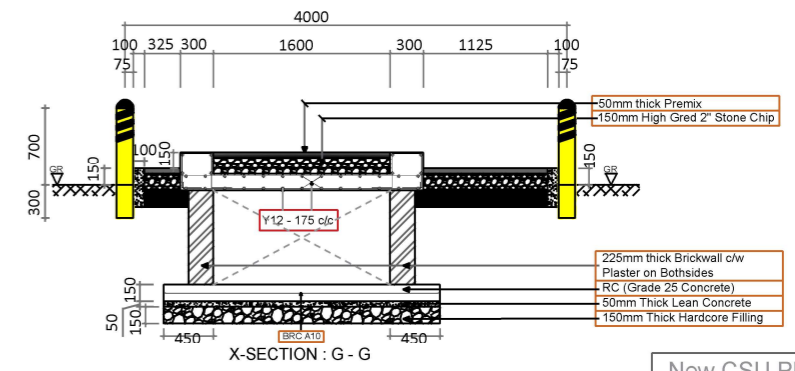
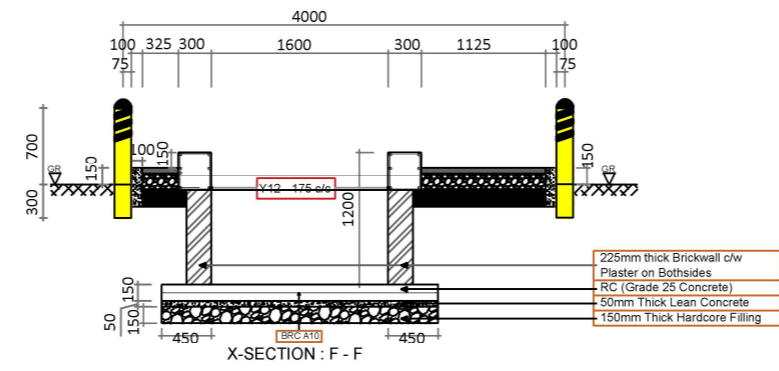
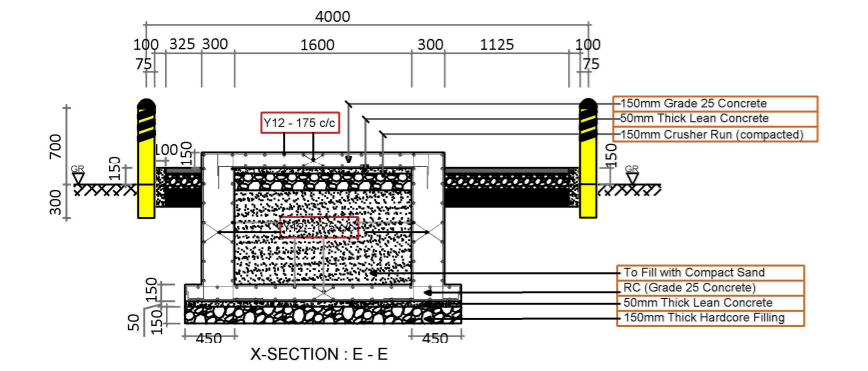
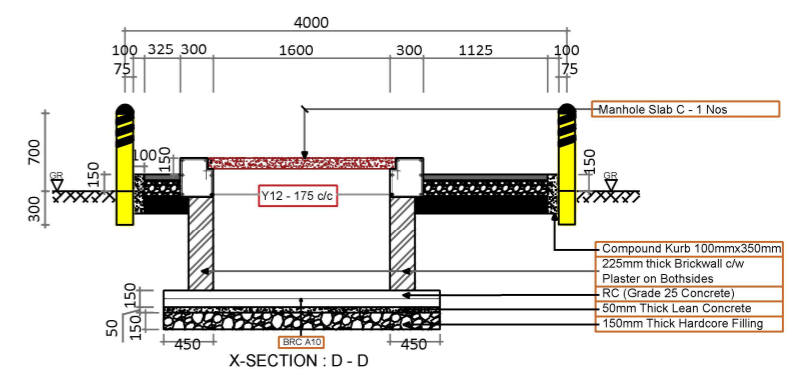
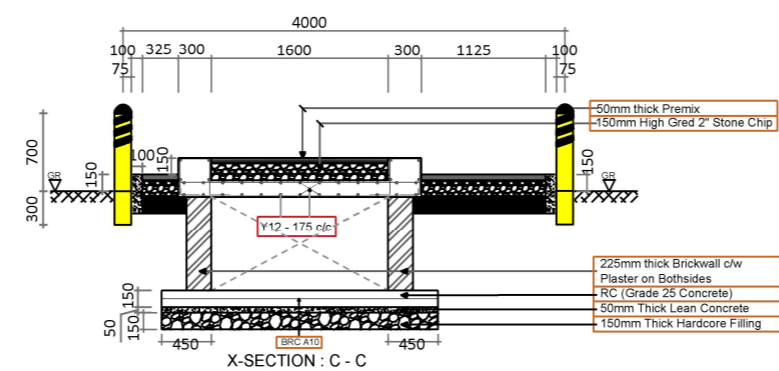
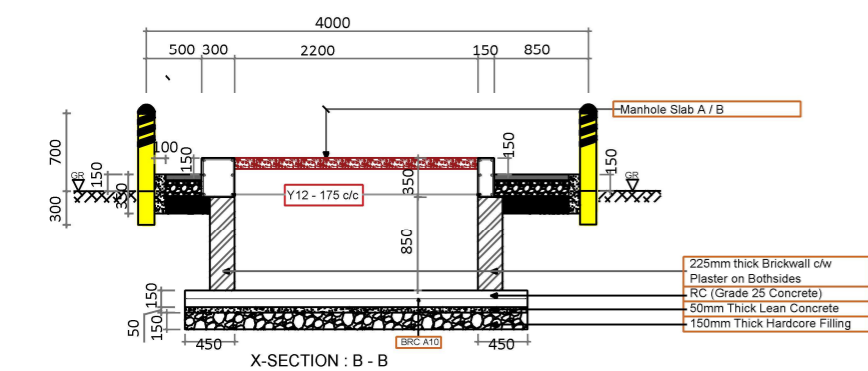
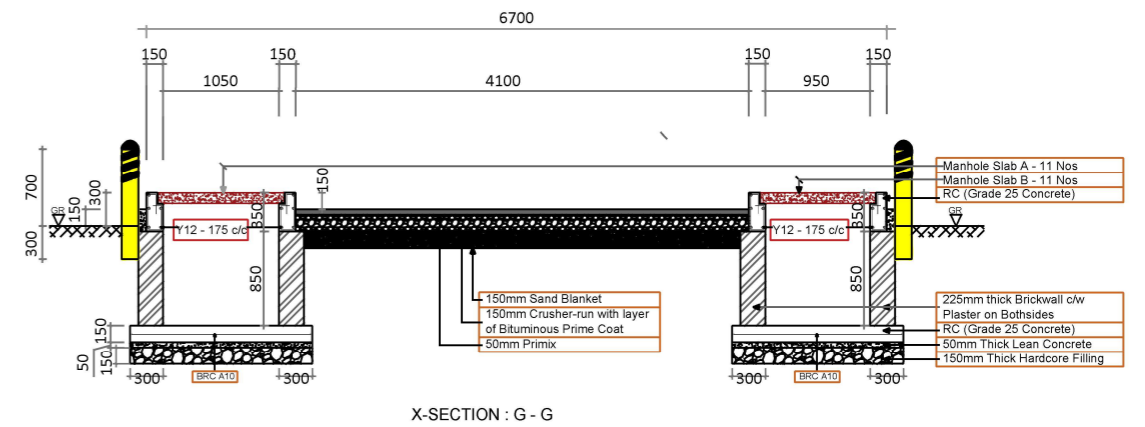
**CSU PLINTH CROSS SECTION DETAILS**

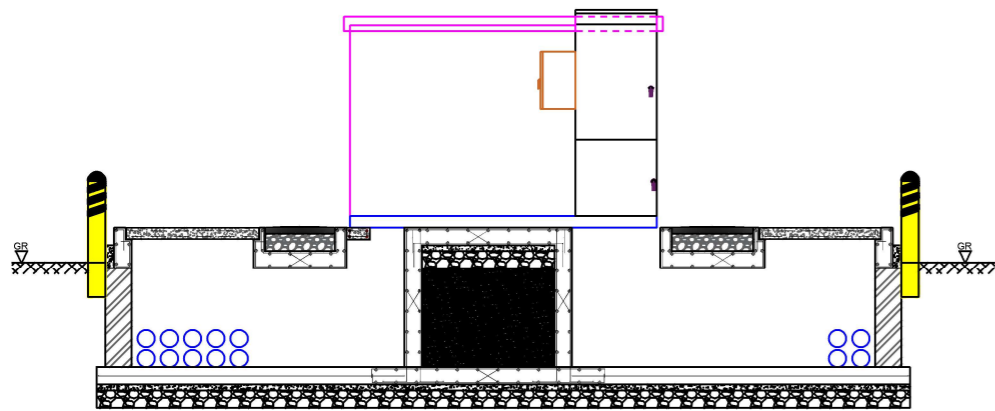
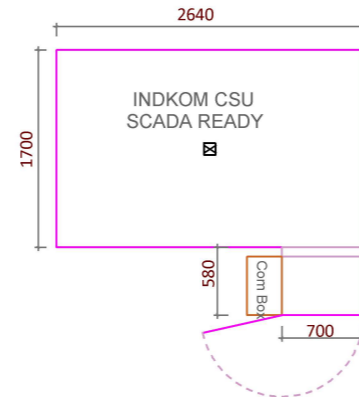
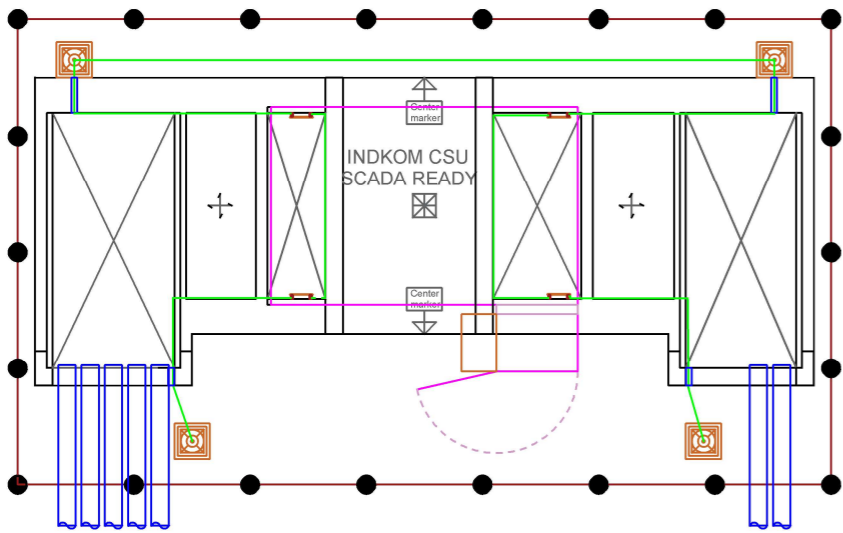
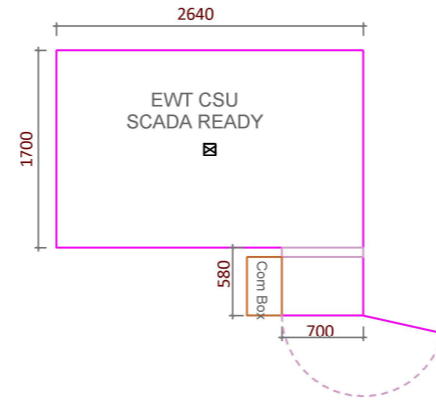
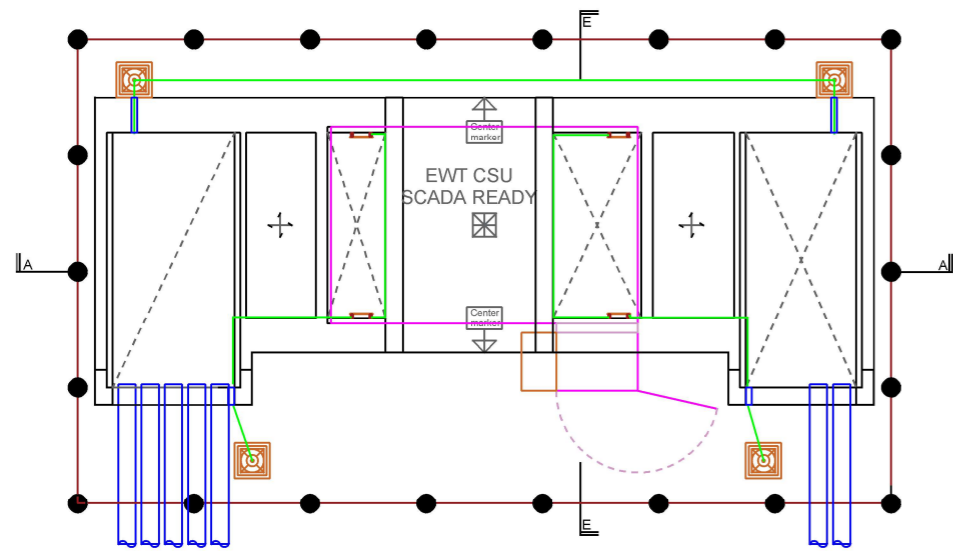


COVERSLAB SCHEDULE			
TYPE	COVERSLAB SIZE (l x b)	THICKNESS D	REINFORCEMENT
A	1150mm x 200mm	100mm	4T10
B	1050mm x 200mm	100mm	4T10
C	1700mm x 200mm	100mm	4T10

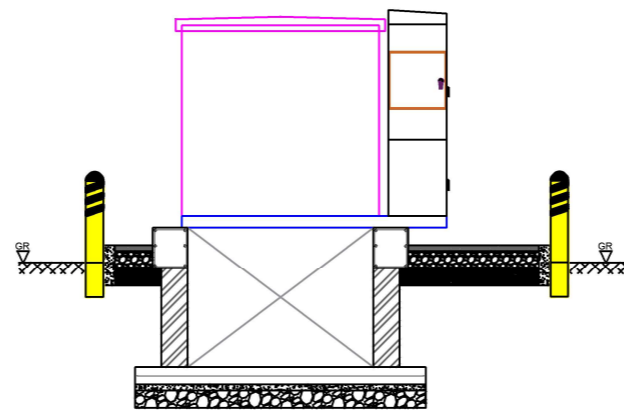


**CSU PLINTH CROSS SECTION DETAILS**

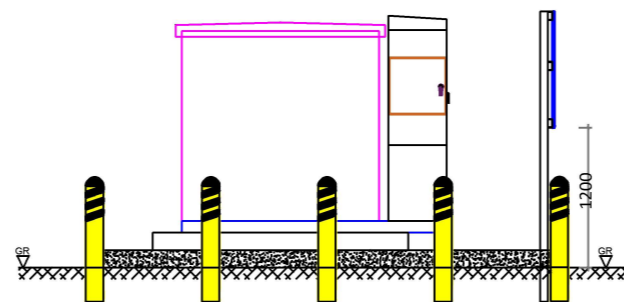
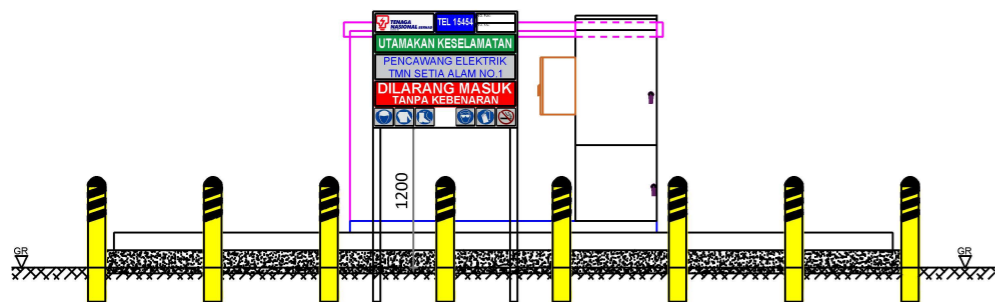




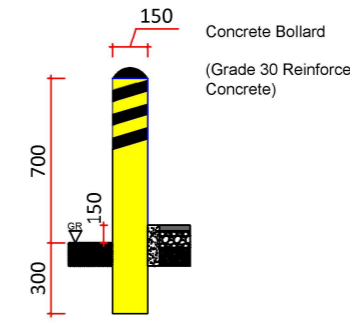
X-SECTION : A - A



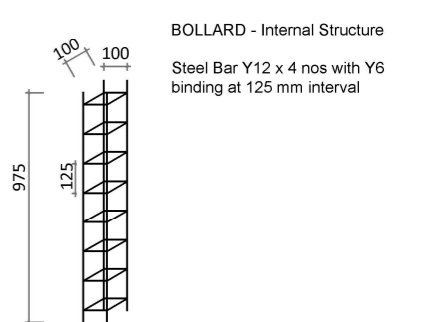
X-SECTION : F - F



**FIX BOLLARD**

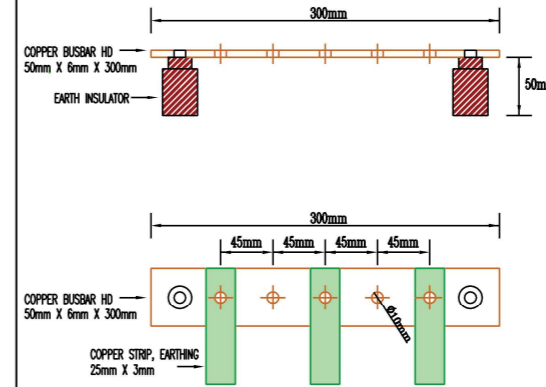


Concrete Bollard  
(Grade 30 Reinforce Concrete)



BOLLARD - Internal Structure  
Steel Bar Y12 x 4 nos with Y6 binding at 125 mm interval

**EARTH POINT/BAR DETAILS**



**PAPAN TANDA PENCAWANG**



**NOTA:**

**PLINTH PENCAWANG ELEKTRIK PADAT (CSU)**

1. Tapak (*sitting-base / Plinth*) PE Padat perlulah disediakan oleh pemaju/pengguna.
2. Tapak (*sitting-base / Plinth*) bagi kedudukan sebenar peralatan mestilah dapat menanggung keberatan minima 7,000 Kg.
3. Pemaju/Pengguna perlu memajukan laporan rekabentuk Tapak *Plinth* CSU dan SI yang diperakukan oleh Jurutera Kompeten bagi Tapak PE Padat sebelum Tapak PE Padat dibina: *Soil Investigation (S.I.) Works - shall allow for soil investigation works by boreholes (for 1 locations) inclusive of soil samples, SPT, laboratory testing and other tests deemed necessary for foundation design. To submit the two (2) copies plinth design report and S.I report to the Engineer. \*report to be Certified by Competent engineer.*
4. Konkrit yang digunakan untuk Tapak (*sitting-base*) mestilah dari Grade 25 Reinforce Concrete
5. Kawasan Sekitar *Plinth* PE Padat perlu dipremix seperti aturan berikut:
  - 150mm Sand Blanket
  - 150mm Crusher-run with layer of Bituminous Prime Coat (on top)
  - 50mm Primix
6. Peparit (*Trench's*) PE Padat perlu diisi dengan pasir sungai (*Compact wash sand*) selepas semua peralatan dan kabel dipasang.

**PEMBUMIAN (EARTHING)**

7. *Earth Strip* (25mm x 3mm) perlu dipasang pada dinding dalam peparit (*trench*) 300mm dari lantai *Plinth*.
8. *Earth Point (Earth Bar)* bersaiz 50mm x 6mm x 300mm dengan lubang 10mm sebanyak 5 lubang dipasang pada dinding dalam peparit (*trench*) 300mm dari lantai *Plinth*.
9. *Earth Chamber* bersaiz 305mm x 305mm x 152mm dengan copper rod dan disambung ke sistem pembumian PE Padat (CSU).

**PAPAN TANDA PENCAWANG ELEKTRIK PADAT (CSU)**

10. Papan tanda Pencawang perlu didirikan secara berasingan menggunakan tiang 65mm x 65mm x 4mm tebal (3.1m tinggi) Hot Dip Galvanised Steel Hollow Section (SHS) (900mm ditanam di dalam concrete kerb dan asas konkrit bertelulang) dengan 75mm x 40mm x 4mm thk Channel iron untuk top, mid & bottom bracing untuk memegang papan tanda.
11. Ketinggian papan tanda adalah 1200mm dari aras tanah ke bahagian bawah papan tanda.
12. Papan tanda perlu dipasang dibahagian tengah PE menghadap jalan utama.