



TYPICAL SECTION OF RC SUMP C/W MS HEAVY DUTY/FRP GRATING (WITHOUT PILING)

NOT TO SCALE

NOTES:

1. CLEAR COVER FOR REINFORCEMENT = 30mm (WATER & EARTH FACE)
2. GRADE C25 FOR CONCRETE TO BE USED FOR THE CAST-IN-SITU SUMP
3. ANCHORAGE & LAP LENGTH = 44φ
4. DESIGN SURCHARGE LOAD IS 22kPa (TRAFFIC LOADING)

SUMP SIZE WIDTH(W) X LENGTH (mm)	WALL THICKNESS			REINFORCEMENT				
	A (mm)	B (mm)	C (mm)	T (mm)	U (mm)	V (mm)	X (mm)	Y (mm)
900 X 900	150	150	200	T10-200	T10-200	T12-200	T12-200	T12-200
1200 X 1200	150	150	200	T10-200	T10-200	T12-200	T12-200	T12-200
1500 X 1500	150	150	200	T10-200	T10-200	T16-150	T16-150	T16-150
1800 X 1800	150	225	225	T12-200	T16-200	T20-125	T20-125	T20-125
2700 X 2700	200	250	250	T12-200	T16-200	T25-125	T25-125	T25-125
3000 X 3300	250	250	250	T12-200	T16-200	T25-125	T25-125	T25-125

TABLE FOR PROPOSED RC. SUMP



LUKISAN PIAWAIAN JABATAN KEJURUTERAAN
MAJLIS BANDARAYA SEBERANG PERAI

Tajuk Lukisan: Butiran RC Sump without Piles
Maximum invert depth: 2.2m

MBSP/KEJ/LK/RD/15/Rev.0

Dilukis: Jabatan Kejuruteraan

Disemak: Pengarah
Jabatan Kejuruteraan

Skala Lukisan: Tiada Skala