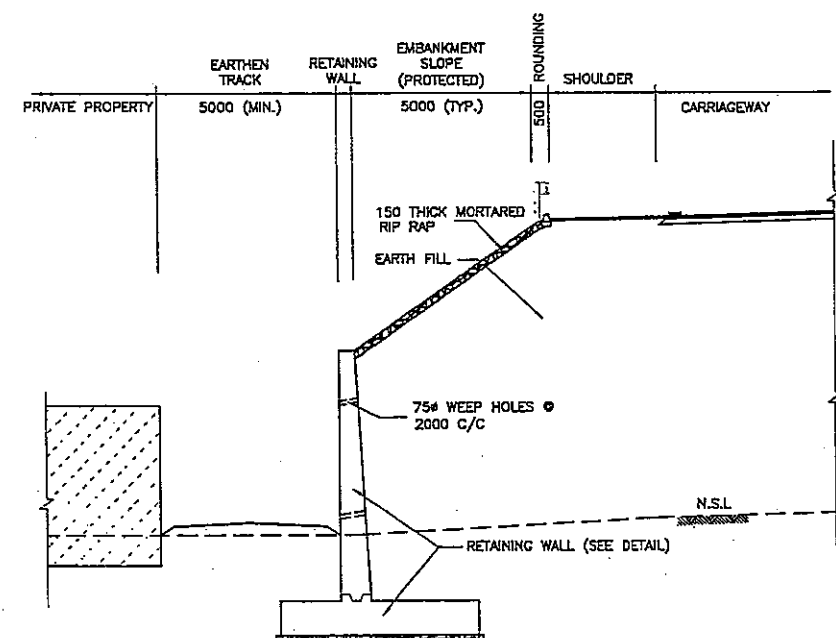
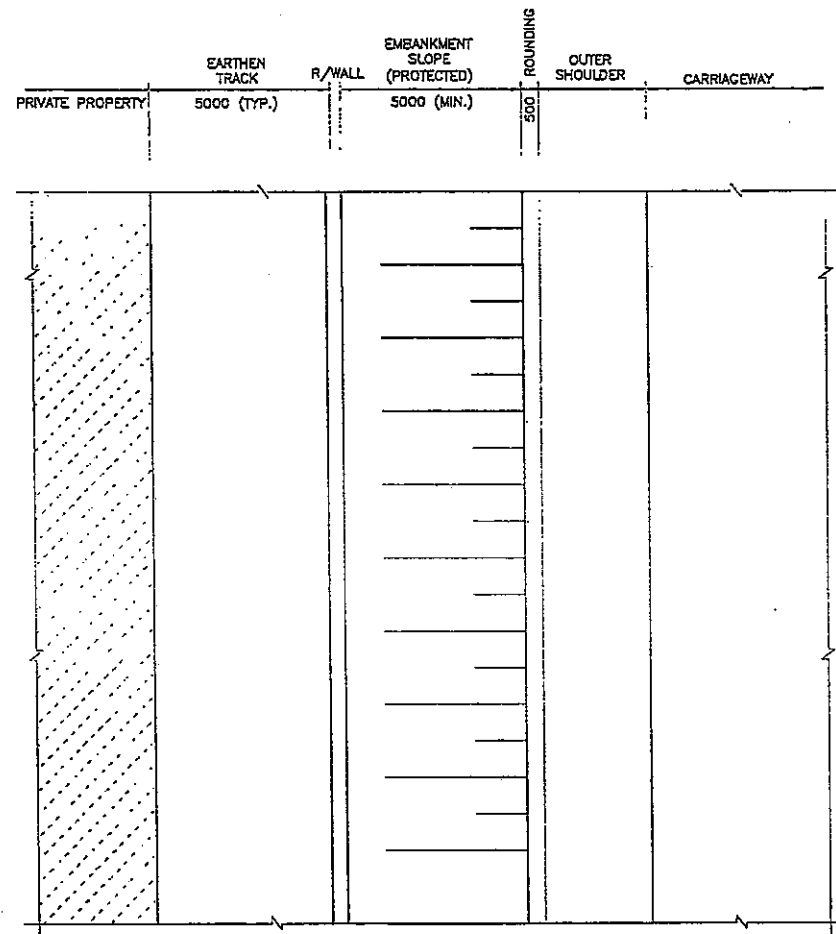
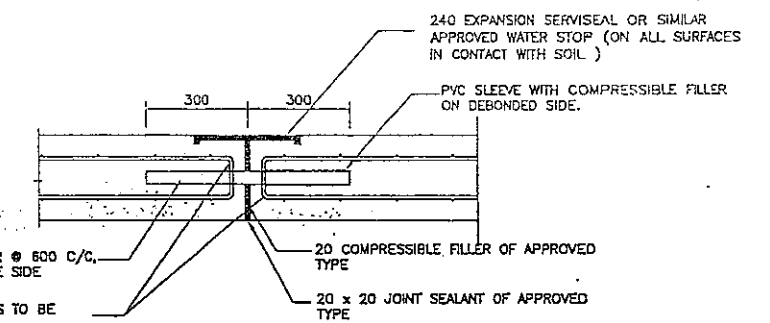
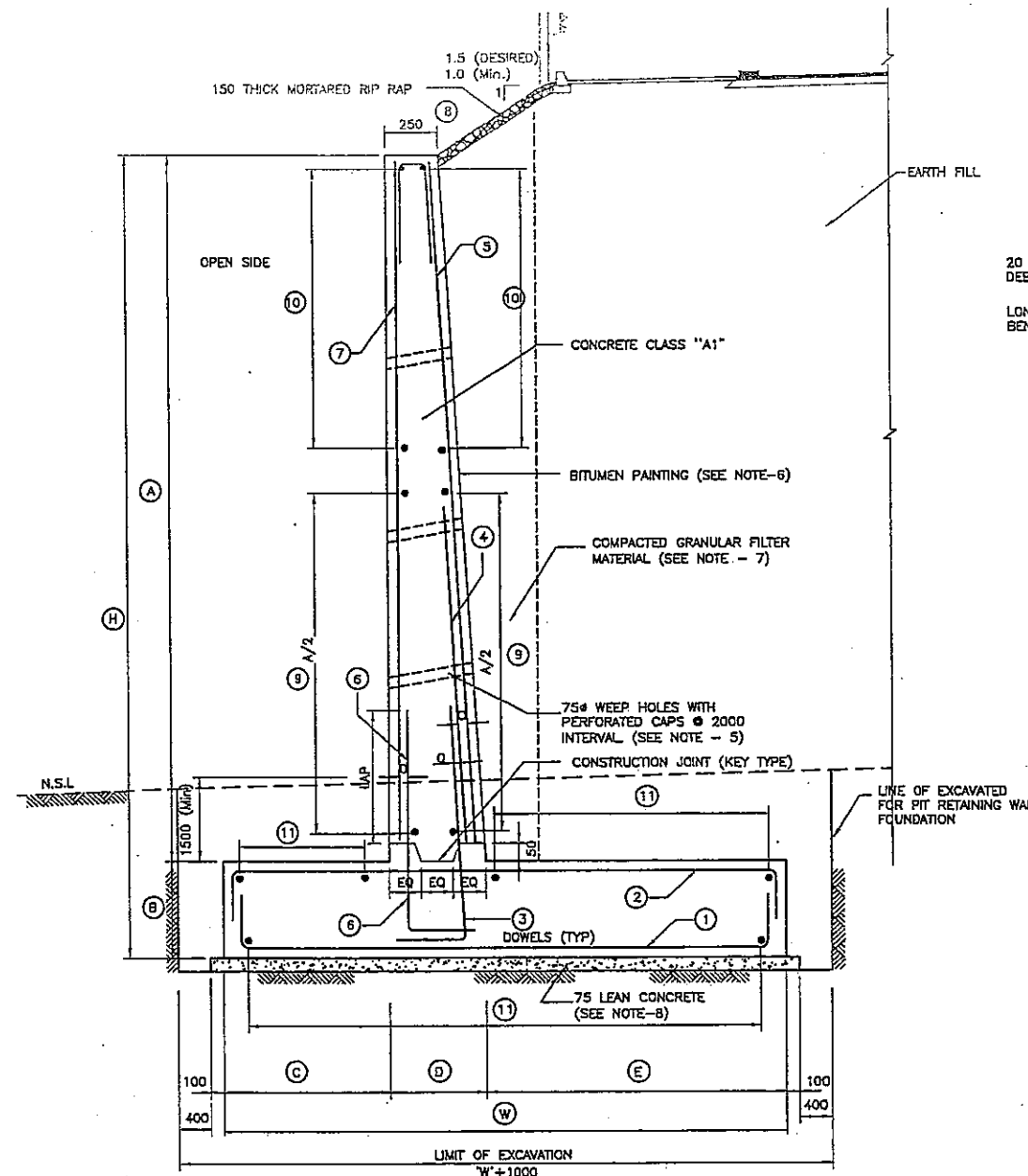




RETAINING WALL DIMENSIONS AND REINFORCEMENT DETAILS

RETAINING WALL DIMENSIONS							REINFORCEMENT BAR MARK NO.											
(H)	(A)	(B)	(W)	(C)	(D)	(E)	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫
2000	1750	250	1350	400	250	700	14#	14#	14#	14#	14#	10#	10#	10#	10#	10#	10#	10#
3000	2650	350	1850	600	350	900	14#	14#	14#	14#	14#	10#	10#	10#	10#	10#	10#	10#
4000	3550	450	2350	800	450	1100	16#	16#	16#	16#	16#	12#	12#	12#	12#	12#	12#	12#
5000	4400	600	3000	1000	600	1400	20#	20#	20#	20#	20#	14#	14#	14#	14#	12#	12#	14#
6000	5300	700	3600	1200	700	1700	20#	20#	20#	20#	20#	16#	16#	16#	16#	12#	12#	16#
7000	6200	800	4200	1400	800	2000	25#	25#	25#	25#	25#	16#	16#	16#	16#	14#	14#	16#
8000	7100	900	4800	1600	900	2300	25#	25#	25#	25#	25#	20#	20#	16#	16#	14#	14#	16#



NOTES:-

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SHOWN OTHERWISE.
- ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO AASHTO M-31 (ASTM A-615) GRADE 60.
- CLEAR COVER TO THE REINFORCEMENT SHALL BE 50mm.
- 20mm WIDE EXPANSION JOINT WITH 240mm WIDE AND 10mm THICK PVC WATER STOP SHALL BE PROVIDED AT EVERY 20m SPACING.
- CONSTRUCTION JOINTS AND DOWELS SHALL BE PROVIDED AS DIRECTED BY THE ENGINEER, NO SEPARATE PAYMENT SHALL BE MADE FOR PROVISION AND FIXATION OF EXPANSION JOINTS, WATER STOPS, DOWEL BARS, WEEP HOLES, & PERFORATED CAPS ETC.
- TWO COATS OF APPROVED QUALITY BITUMINOUS PAINT SHALL BE APPLIED ON THE EARTH FACE OF THE RETAINING WALL.
- 1000 WIDE BACKFILL OF SELECTED GRANULAR FILTER MATERIAL SHALL BE USED BEHIND RETAINING WALL AND SHALL BE COMPACTED AS PER SPECIFICATIONS.
- ANY DEPRESSION / POCKET FORMED AT BOTTOM LEVEL OF WALLS DURING EXCAVATION/ BLASTING SHALL BE COMPLETELY FILLED WITH LEAN CONCRETE AT NO EXTRA COST TO THE EMPLOYER.