

NOTES

GENERAL

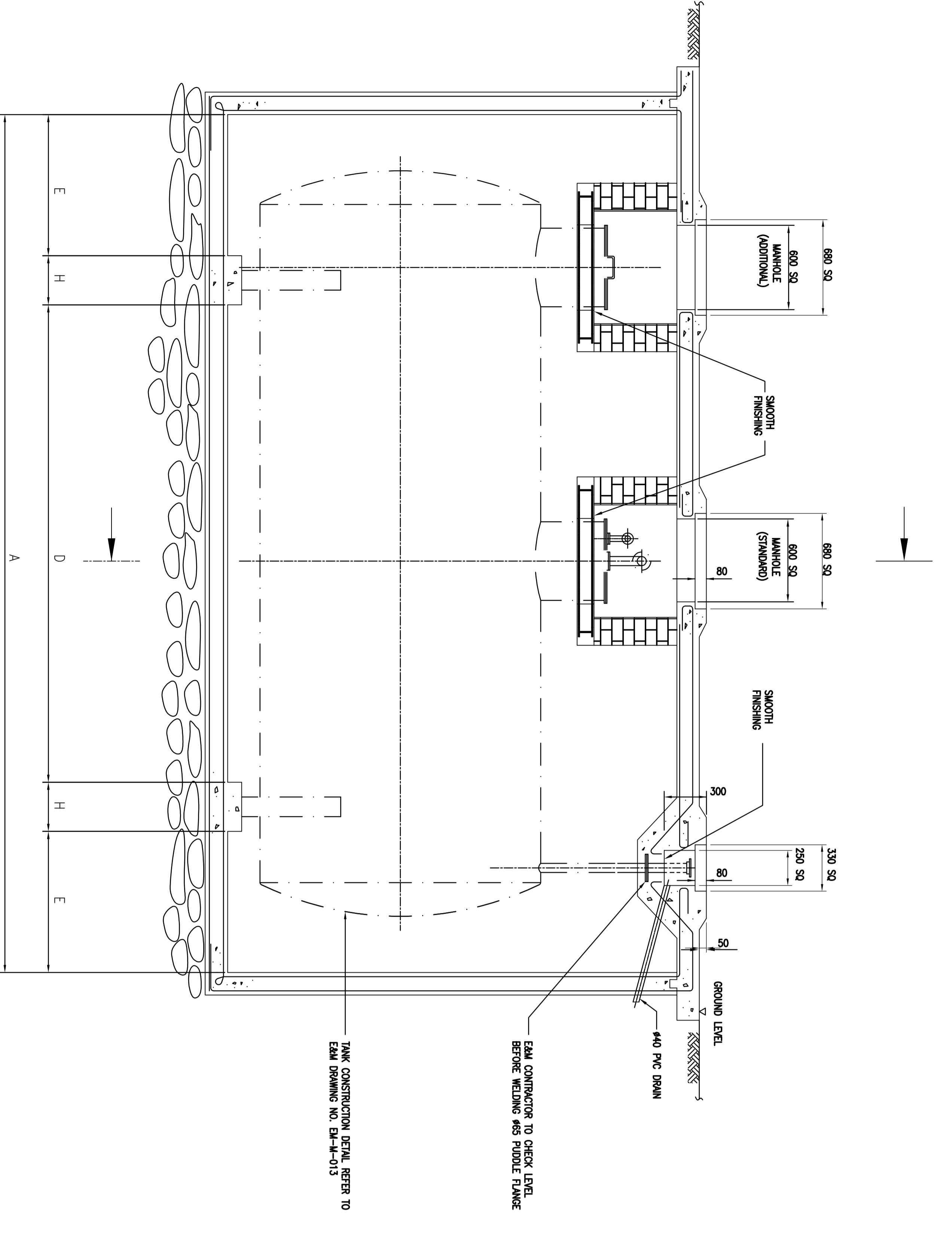
1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE GENERAL NOTES AND RELEVANT ERM PROJECT LAYOUT DRAWINGS.
3. ALL WORKS SHOWN ON THIS DRAWING ARE TO BE COMPLETED BY ARCHITECTS UNLESS OTHERWISE INDICATED.
4. ARCHITECTS SHALL ARRANGE FOR THE INSPECTION AND TESTING OF ALL WORKS TO BE COMPLETED BY THE TANK IS PLACED INTO POSITION.

WORK BY ARCHITECTS

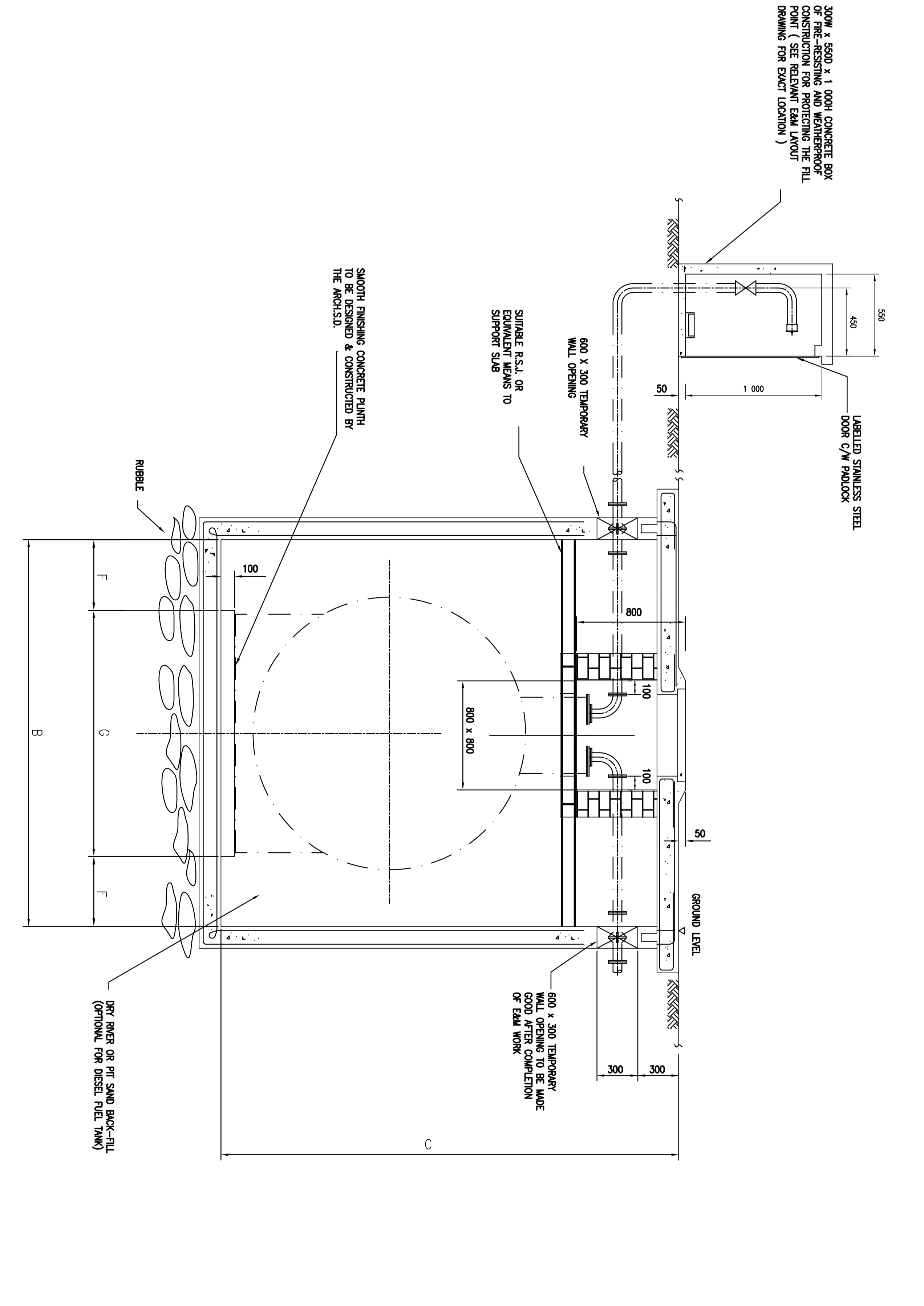
5. CHAMBER SHALL PRESENTLY BE LOCATED IN AREAS TO WHICH VEHICLES WOULD HAVE ONLY OCCASIONAL ACCESS.
6. THE CHAMBER, UNLESS TO OIL AND WATER, SHALL BE CONSTRUCTED OF R/C CONCRETE OF 150 MINIMUM THICKNESS OR 225 FOR BROOKBANK CONCRETE BFT OF SUFFICIENT MASS TO TAKE ON A FULL CAPACITY TANK AND TO OFFSET THE BROADNESS OF AN URBAN TANK.
7. THE DESIGN OF THE LOAD BEARING SLAB AND ANY STRUCTURAL ELEMENT PLACED ABOVE THE TANK SHALL BE THE RESPONSIBILITY OF THE ARCHITECTS UNDER STRESS ON THE TANK BY VEHICLES OR OTHER EXTERNAL LOADS.
8. AFTER COMPLETION OF ERM WORKS THE CHAMBER SHALL BE BACK-FILLED WITH CLEANED SPT RIVER BACK-FILLING IS NOT REQUIRED FOR DECKEL RUEL.
9. ALL MANHOLES AND HANDHOLES SHALL BE ENCLOSED IN A FIT OF CONCRETE OR RENDERED BROOKBANK AFTER COMPLETION OF ERM WORKS.
10. THE CAST FROM SEALED MANHOLE COVERS AND FRAMES C/W CLOSED KEYS AND LIFTING KEYS, SET OUT BY PART 1, 1976 SET FROM TO GRADE B CLASS 2.

WORK BY ERM

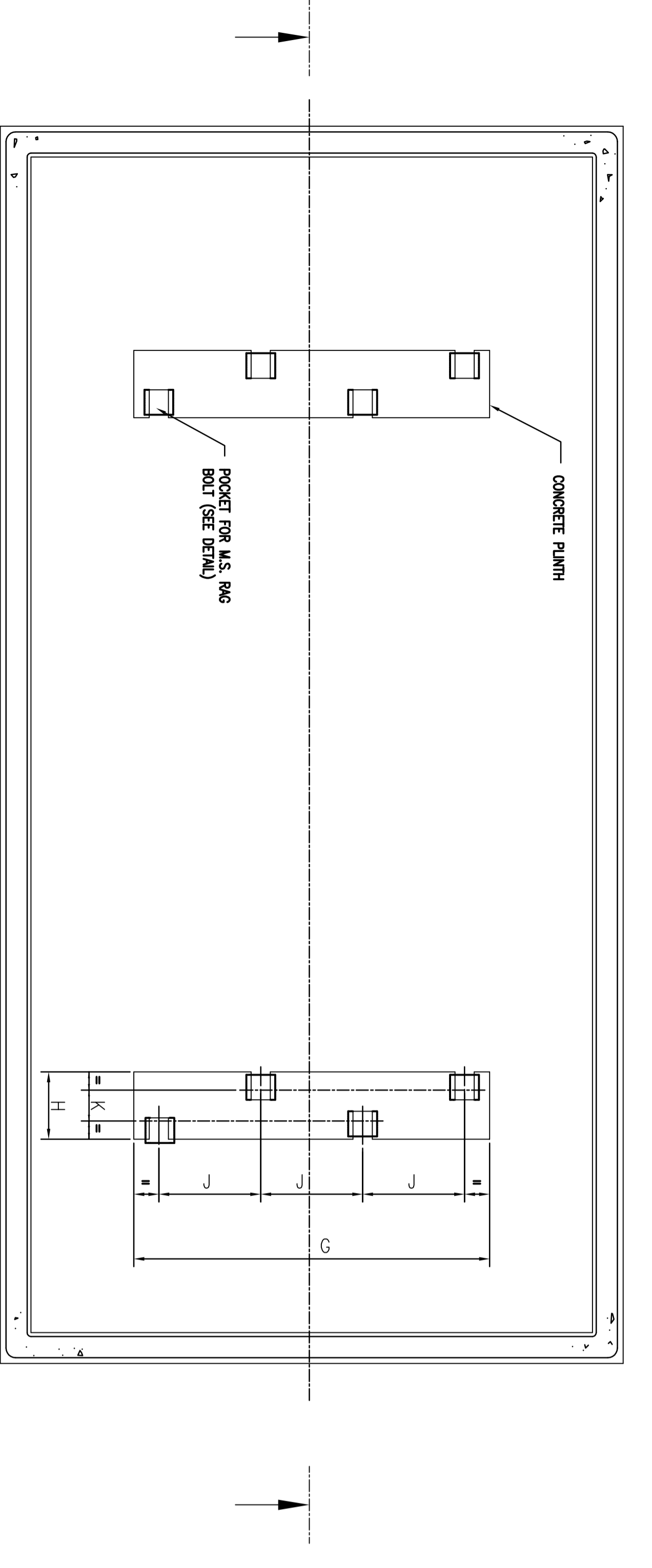
11. BEFORE THE TANK IS LOWERED INTO THE CHAMBER FOR GRADING BY THE ERM CONTRACTOR THE TOP A THICK LAYER OF OTHER SILT OR FINE SAND RENOVATED WITH MASON OR POLYESTER MESH.
12. PRIOR TO LOWERING THE TANK INTO THE CHAMBER AND MANHOLE FITS, THE ERM CONTRACTOR SHALL CLEAN HOSE STEEL SURFACES BY PERFORMING THE WORK OF HIGH PRESSURE WATER AND ONE THICKNESS OF BRIMMONS IMPREGNATED DAMPROOF MATERIAL.



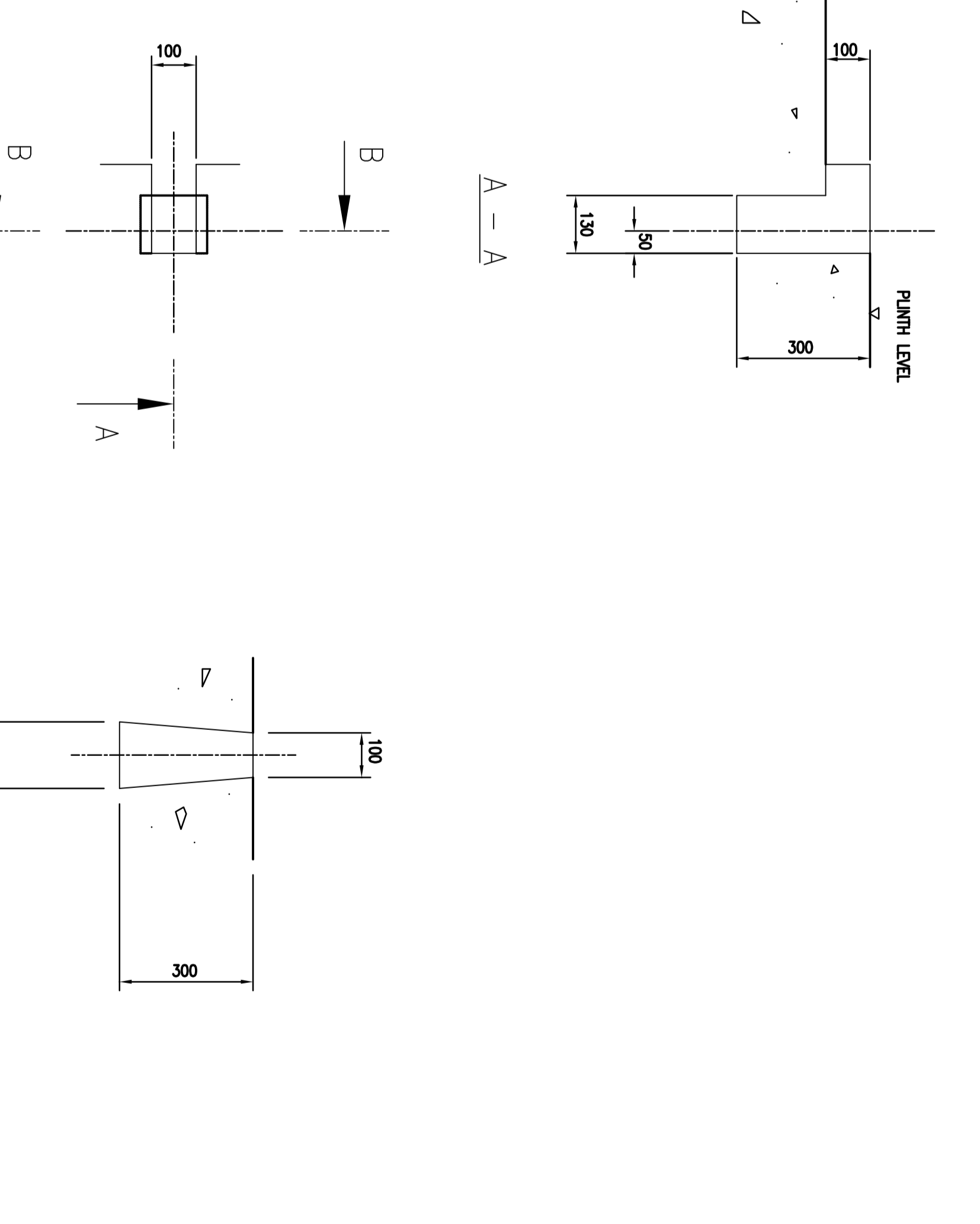
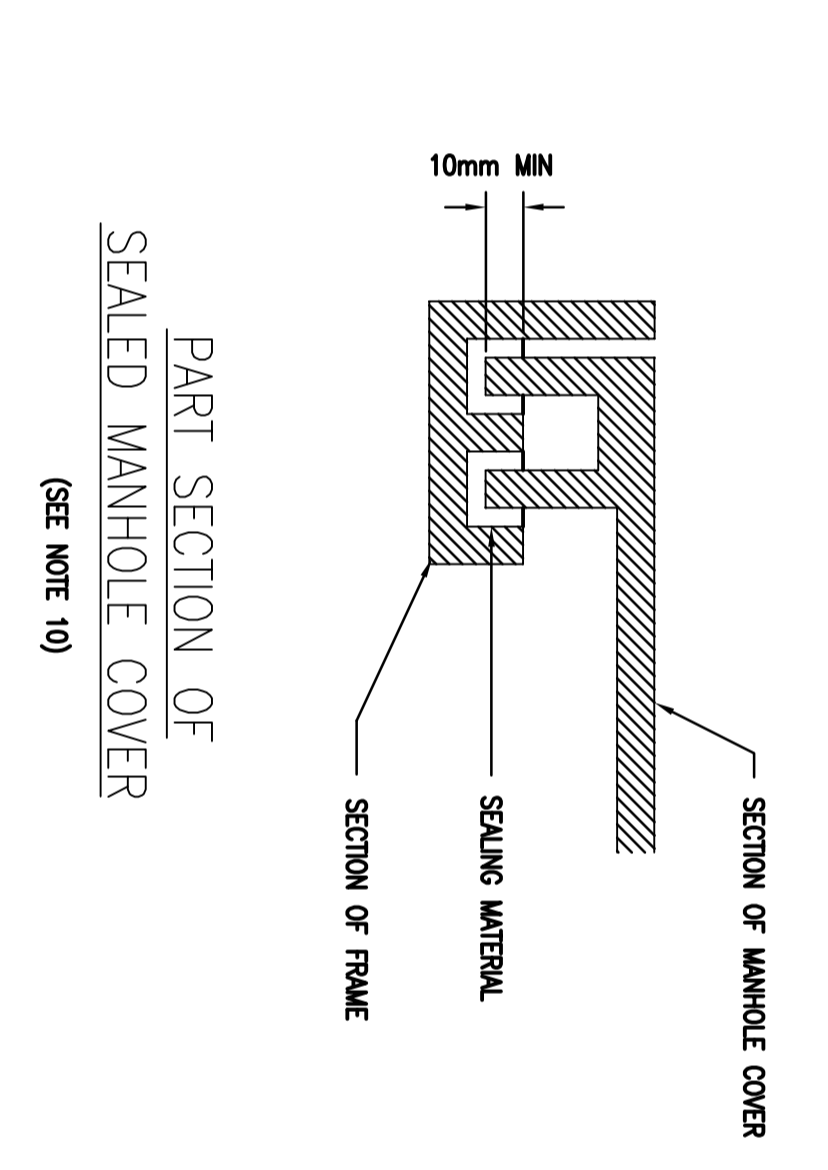
LONGITUDINAL SECTIONAL ELEVATION



SECTIONAL ELEVATION



SECTIONAL PLAN
DETAIL OF CHAMBER



POCKET FOR M.S. RAG BOLTS

TANK CAPACITY IN LITRE	TANK CHAMBER											No. OF CONCRETE FINISH PER TANK CHAMBER	No. OF TANK CHAMBER MANHOLES PER TANK CHAMBER	GROSS WEIGHT OF RIGID TANK (TONNE)
	LENGTH	BREADTH	DEPTH	D	E	F	G	H	J	K				
5 000	4 020	2 420	2 845	1 800	860	510	1 400	250	380	90		2	1	5.4
10 000	4 460	2 820	3 345	1 750	1 005	535	1 850	350	530	150		2	1	10.3
15 000	6 110	2 820	3 360	3 400	1 005	535	1 850	350	530	160		2	2	15.2
20 000	6 440	3 670	4 115	3 190	1 275	585	2 500	350	740	160		2	2	29.9
40 000	8 140	3 670	4 130	4 890	1 275	585	2 500	350	740	160		2	2	39.4
60 000	11 540	3 670	4 165	8 390	1 275	585	2 500	350	740	160		3	2	58.5

drawing title: **PROJECT DIVISION**

drawing no: **P-10243-014-A**

scale: **NIL**

builder's work for 5000 TO 60000 LITRE UNDER GROUND FUEL OIL STORAGE TANK

PROJECT DIVISION

EMS D