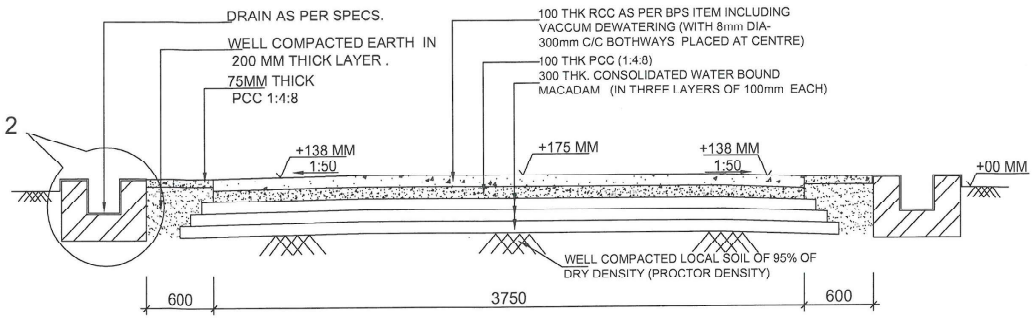
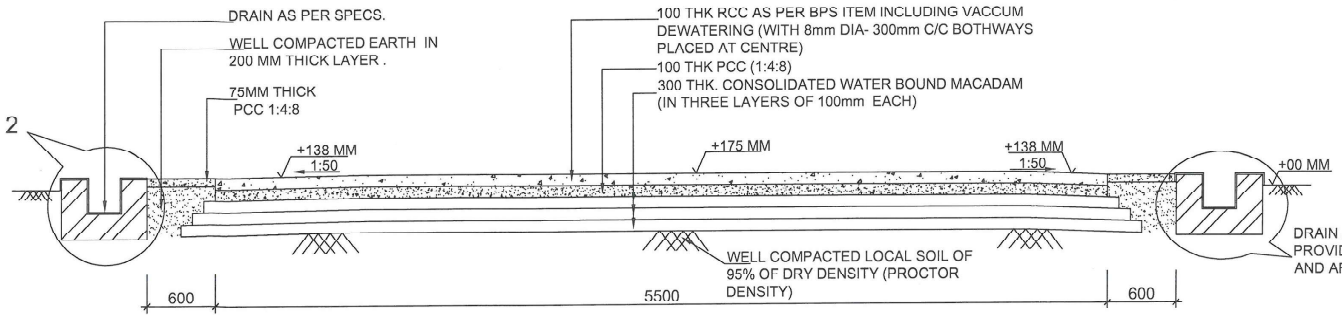
DETAIL OF CONCRETE ROAD (RIGID PAVEMENT)



TYP. CROSS SECTION OF 3.75 M WIDE ROAD

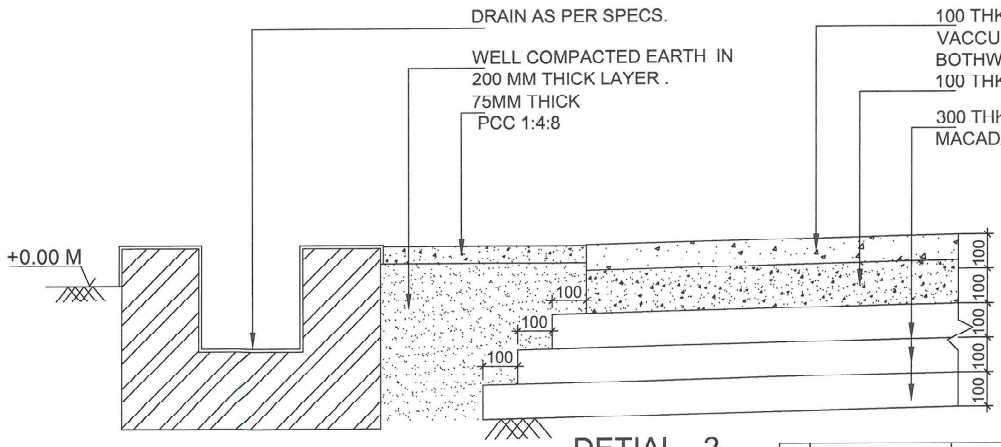
NOTES:

1. ALL DIMESION ARE IN MM UNLESS NOTED OTHERWISE.
2. CAMBER OF 1:50 SHALL BE PROVIDED
3. EXPANSION JOINT (12 MM THICK) SHALL BE PROVIDED AT EVERY 8.0 M. EXPANSION JOINT SHALL ALSO BE PROVIDED AT CENTRE .
4. POLYTHENE SHEET OF 125 MICRONS SHALL BE PLACED BETWEEN THE PCC AND RCC SLAB. (TOP SLAB)
5. 100MM DIA. RCC HUME PIPE SHALL BE PLACED ACROSS THE ROAD AT EVERY 100M INTERVAL. ALONG THE ROAD.
6. THE KERBS ON BOTH SIDE OF THE ROAD SHALL BE PAINTED YELLOW AND BLACK ALTERNATIVELY
7. FINISHED TOP OF ROAD CREST SHALL BE 175 MM (MIN.) ABOVE F.G.L.HOWEVER, IN CASE APPROACH ROAD IS BEING CONSTRUCTED IN UNLEVELLED AREA THEN CREST LEVEL OF ROAD SHALL BE MINIMUM 300 MM ABOVE H.F.L.
8. IF EXPANSIVE SOIL IS ENCOUNTERED AT FOUNDING LVL. IT SHALL BE REMOVVED TO A MIN. DEPTH OF 300 MM AND SHALL BE REPLACED WELL COMPACTED (IN 02 EQ LAYERS) C.N.S. MATERIAL
9. SUFFICIENT SPACE BETWEEN KERB STONES @ 5M C/C SHALL BE PROVIDED TO DRAIN OUT WATER

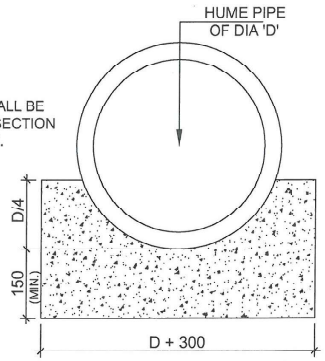


DRAIN ARE INDICATIVE AND SHALL BE PROVIDED AS PER STD DRAIN SECTION AND APPROVED DRAIN LAYOUT.

TYP. CROSS SECTION OF 5.5 M WIDE ROAD



DETIAL - 2



BEDDING FOR HUME PIPE

APPROVED BY ED (ENGG.TL-SS-CIVIL) VIDE NOTE REFERENCE NO. C/ENGG/STD.DRG. /Civil Works/03/2016 DTD. 23.12.2016

RELEASED FOR TENDER/CONSTRUCTION.

REV.	DESCRIPTION	PREP.	REVD.	REVD.	REVD.	REVD.	APPD.	DATE
		JE (ENGG-CIVIL)	ADE (ENGG-CIVIL)	DE (ENGG-CIVIL)	ASTT.GM (ENGG-CIVIL)	AGM (ENGG-CIVIL)	GM (ENGG-CIVIL)	
0.	REVISED AS MARKED							10/17

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

TITLE:
STANDARD RCC ROAD

SUB TITLE:
DETAIL OF CONCRETE ROAD (RIGID PAVEMENT) WITH PCC SHOULDER

DRAWING NO:
C/ENGG/STD/ROAD/2016/02 OF 02

SCALE	REV
NTS	0