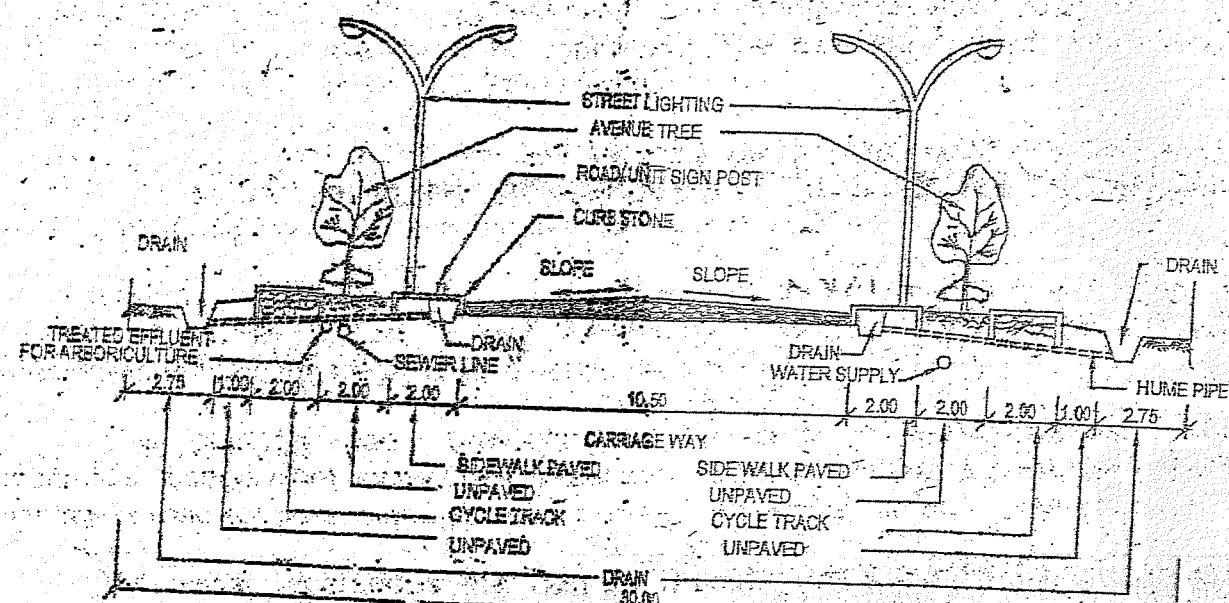


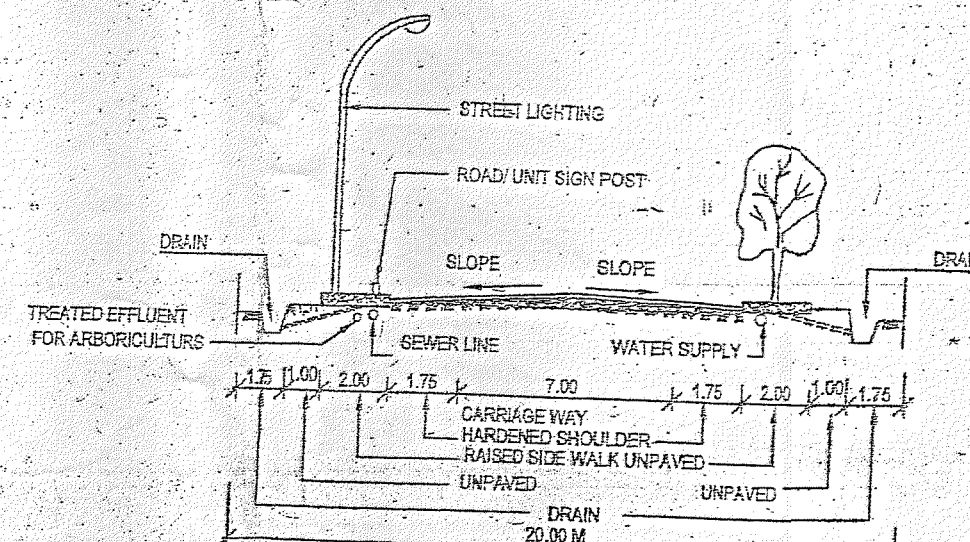
40 M RIGHT OF WAY RD - 1

10 M RIGHT OF WAY RD - 4

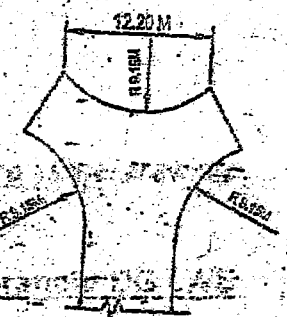
NOTE- GSB AND WBM / WMM BE EXTENDED TO FULL WIDTH (UPTO EDGE OF DRAIN) AND IN SHOULDER AREA. WMM / WBM BE PROVIDED AS HARDENED SHOULDER.



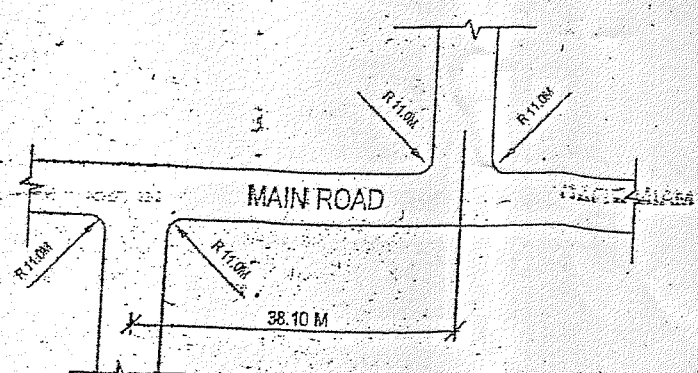
30 M RIGHT OF WAY RD - 2



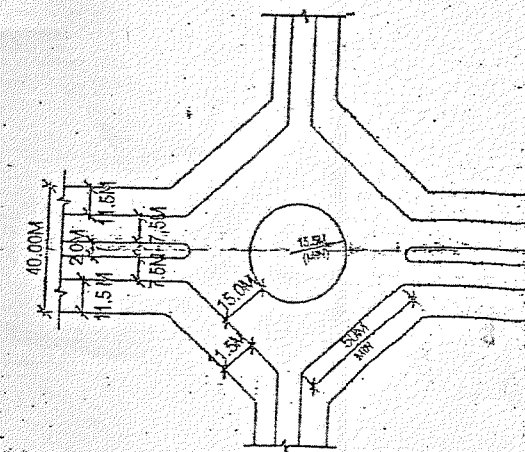
20 M RIGHT OF WAY RD - 3



DETAIL OF CUL-DE-SACS



TYPICAL STAGGERED JUNCTION OF LIGHT TRAFFIC ROAD WITH MAIN ROAD



RD-1 TO RD-4 TYPICAL DETAIL

NOTES

- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
- FIGURED DIMENSIONS SHALL BE FOLLOWED.
- THE WIDTH & DEPTH OF STORM WATER DRAIN SHOWN ON THE DRG IS INDICATIVE ONLY. THE EXACT SIZE SHALL BE DECIDED BY ENGINEER IN CHARGE.
- SURFACE DRAINAGE SCHEME SHALL BE AS PER ARBORICULTURE SCHEME.
- POSITION OF TREES IS INDICATIVE, THE ACTUAL TYPE, NAME AND SPACING SHALL BE AS PER ARBORICULTURE SCHEME.
- THE LOCATION OF THE STREET LIGHT POLES SHOULD BE KEPT AS MARKED ON THE CROSS SECTION OF ROAD.
- THE SPACING OF THE POLES ARE TO BE DECIDED TO ACHIEVE UNIFORM ILLUMINATION AND AS PER LATEST TECH INSTRUCTIONS.
- THE MINIMUM HEIGHT OF THE CONDUCTORS SHOULD CONFORM TO THE STANDARDS Laid Under.
- AT CROSS JUNCTION, TEE JUNCTIONS, ROUND ABOUT ETC THE POLES / STREET LIGHT SHOULD BE LOCATED TO ACHIEVE THE UNIFORM ILLUMINATION AROUND THE JUNCTION. THE LOCATION SHOULD MINIMIZE THE TRAFFIC HAZARDS.
- CUL-DE-SACS LENGTH SHALL NOT BE MORE THAN 120/150 M AS A RULE.
- SMALL BUSHES TO BE PLANTED BETWEEN AVENUE TREES.
- DESIGN THICKNESS OF GRANULAR MATERIAL BE ARRIVED AS PER TFC AND PARAMETERS.
- MIN 40 MM TH BITUMINOUS LAYER SHOULD BE LAID WITH MECHANICAL PAVEMENT.
- FOR RESURFACING MAINTENANCE MIN 30 MM TH BITUMINOUS LAYER SHOULD BE LAID WITH MECHANICAL PAVEMENT.
- BALANCE GRANULAR THICKNESS BE PROVIDED AS GSB AND WMM SUB BASE COURSE.
- THIS DRG SUPERCEDES DRG NO. MSC/CPT/594/1/R, DATED 11.11.91.
- IRC GUIDELINES SHALL BE FOLLOWED.

GENERAL GUIDE LINES

- RD-1 SHALL BE ADOPTED AS ARTERIAL FOR ALL ROADS TAKING OFF FROM NATIONAL STATE HIGHWAYS IN THE MILITARY STATIONS WHERE DIV HQ OR ABOVE LOCATED.
- RD-2 SHALL BE ADOPTED FOR SUB ARTERIAL ROADS WHERE BDE HQ IS LOCATED. GEOMETRIC SHAPE & SPECIFICATION OF ELECTRIC POLE ALONG WITH LUMINARY REQUIREMENT BE PROVIDED.
- WHERE EVER ARRANGEMENT FOR USE OF TREATED EFFLUENT IS MADE ITS LOCATION SHALL BE PROVIDED AS INDICATED ON ROAD CROSS SECTION.
- RD-3 SHALL BE USED AS APPROACH TO UNITS AND MARRIED ZONES FROM DIAMETRIC APPROACHES.
- RD-4 SHALL BE USED AS APPROACHES WITHIN THE UNIT LINES & INDIVIDUAL APPROACHES TO THE MARRIED ACCOMMODATION.
- THE FOLLOWING GRADIENTS ARE RECOMMENDED IN THE PLAINS AND UNULATED CONTOUR.

DESCRIPTIONS	RULING GRADIENTS	LIMITED GRADIENTS	SHORT STRETCHES NOT EXCEEDING 100M
(a) FLAT OR ROLLING TOPOGRAPHY	1 IN 30	1 IN 20	1 IN 15
(b) HILLY OR MOUNTAINOUS TOPOGRAPHY	1 IN 30	1 IN 15	1 IN 12

- IT IS IMPORTANT TO AVOID STEEP GRADIENTS AT APPROACHES TO ROAD JUNCTIONS, ROUNDABOUTS, BRIDGES ACUTE BENDS & WHERE THE MOVEMENT OF TRAFFIC IS RESTRICTED.
- WHEN RD-2 IS USED AS ARTERIAL ROAD IN A BDE AND LESSER SIZE STATION CENTRAL VERGE OF 2M, SHALL BE PROVIDED WITH LOW LEVEL LANDSCAPING THE VERGE WILL BE OBTAINED BY DELETING UNPAVED PORTION PROVIDED IN CROSS SECTION.
- HEIGHT OF CURB STONE SHALL BE AS PER SITE CONDITIONS.

SNO	DATE	DESCRIPTION	INITIAL
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REVISION

DTE OF ARCHITECTURE
E-IN-C'S BRANCH
INTEGRATED HQ OF MOD (ARMY)

DATE	08-SEP-2011	STANDARD ROAD CROSS SECTION FOR PLAIN	SHEET No
SCALE	NOT TO SCALE		1/1
DRN	BRUSH KUMAR		

DRG NO- MSC/CPT/01/2011

(T J CHAVLA)
JT DIR (ARCH)
 (JAGDEV THAKUR)
DIR (ARCH)
 (MAHA MOHAN)
JT DG (ARCH)