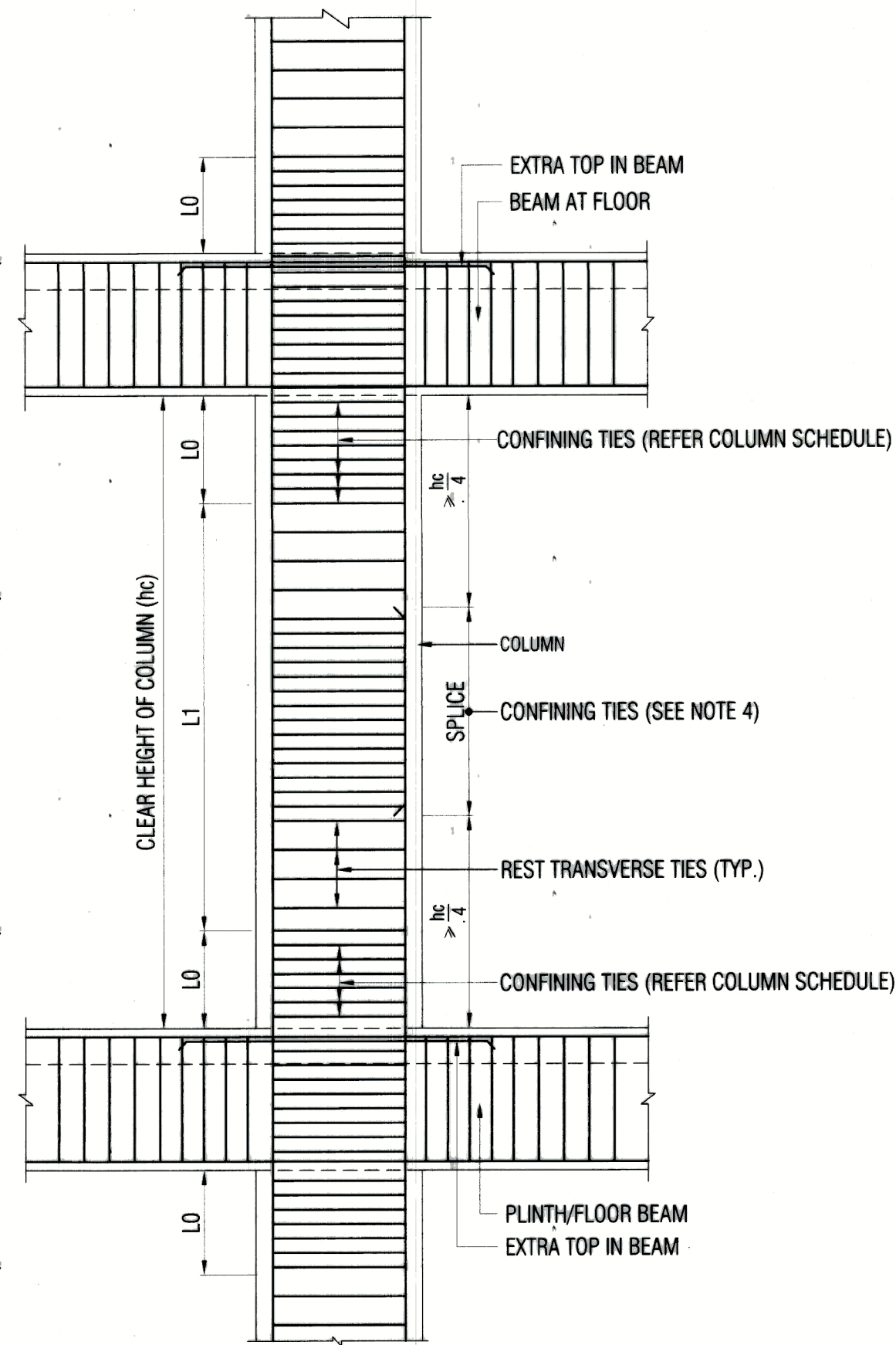
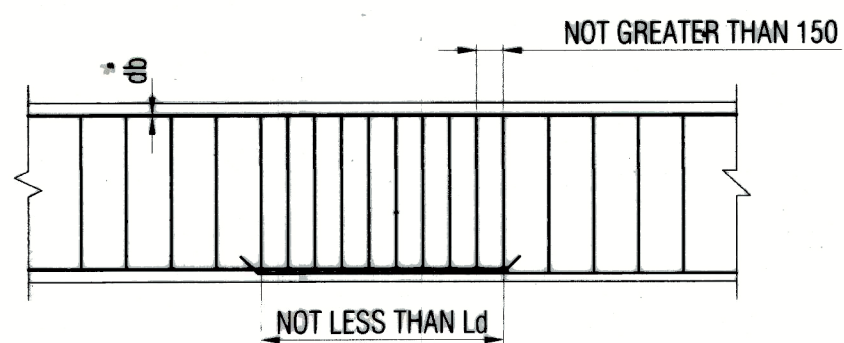


16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

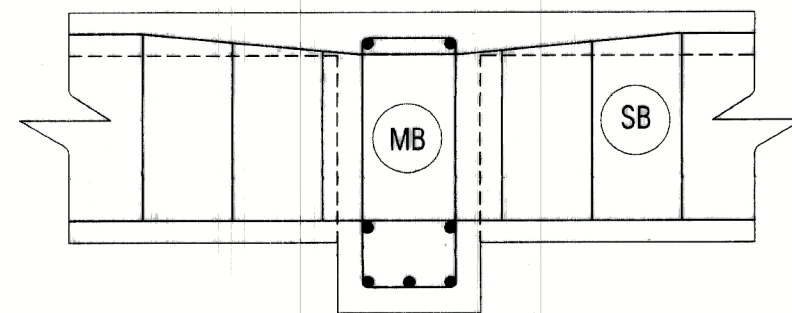


TYPICAL DETAIL OF TIES ARRANGEMENT OF COLUMN BETWEEN FLOOR TO FLOOR

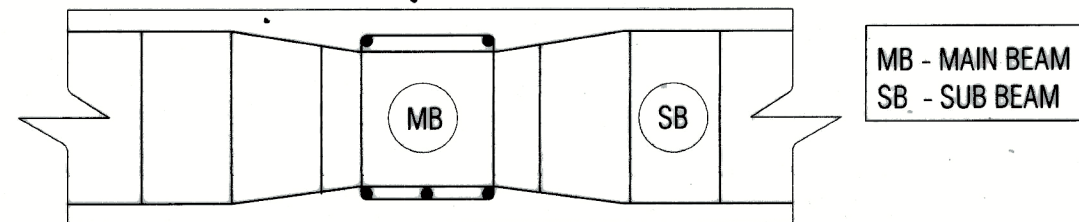


TYP. DETAIL FOR THE LAP, SPLICE IN BEAM

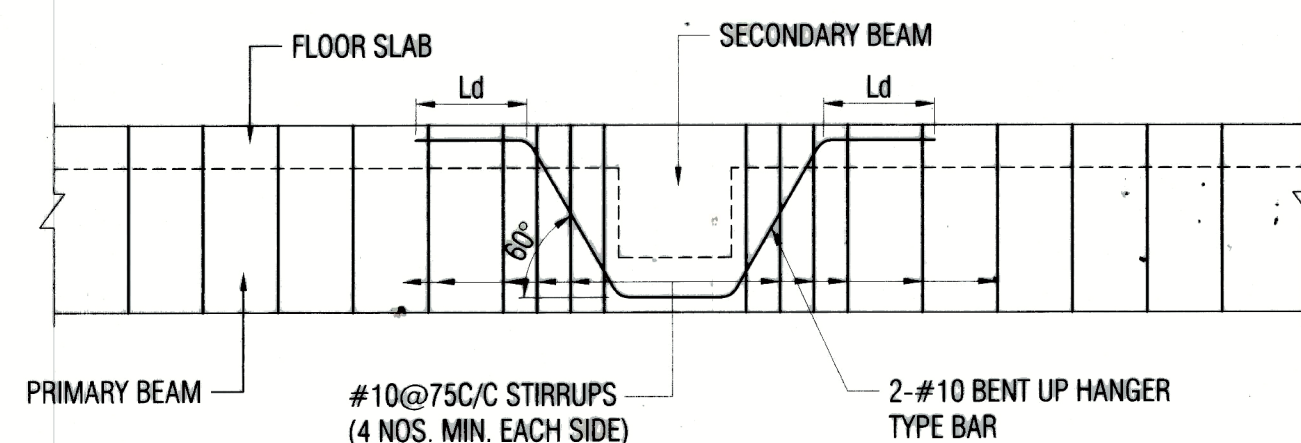
NOTE :- THE LONGITUDINAL BARS SHALL BE SPLICED, ONLY IF HOOPS ARE PROVIDED OVER THE ENTIRE SPLICE LENGTH, AT A SPACING NOT EXCEEDING 150 MM. THE LAP LENGTH SHALL NOT BE LESS THAN THE BAR DEVELOPMENT LENGTH IN TENSION. LAP SPLICES SHALL NOT BE PROVIDED (A) WITHIN A JOINT, (B) WITHIN A DISTANCE OF 2D FROM JOINT FACE, AND (C) WITHIN A QUARTER LENGTH OF THE MEMBER WHERE FLEXURAL YIELDING MAY GENERALLY OCCUR UNDER THE EFFECT OF EARTHQUAKE FORCES. NOT MORE THAN 50% OF THE BARS SHALL BE SPLICED AT ONE SECTION.



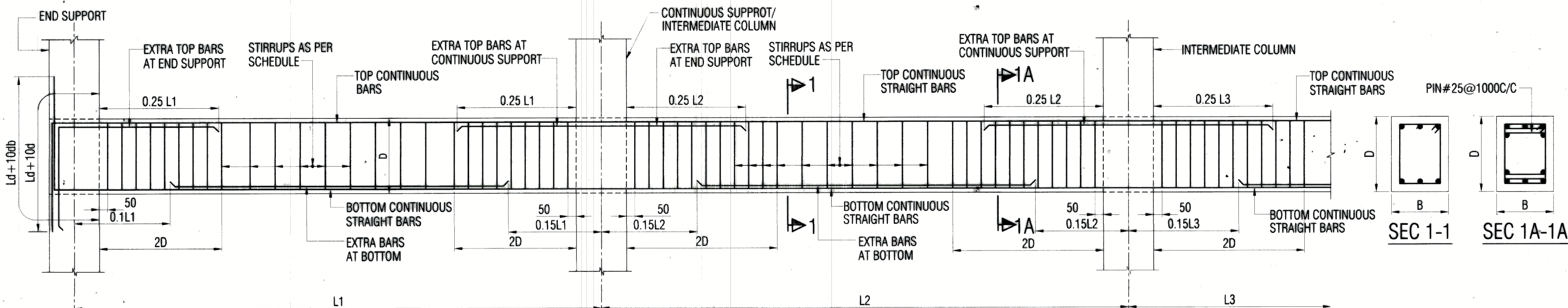
TYPICAL DETAILS AT BEAM INTERSECTION SUB BEAM SHALLOWER THAN MAIN BEAM



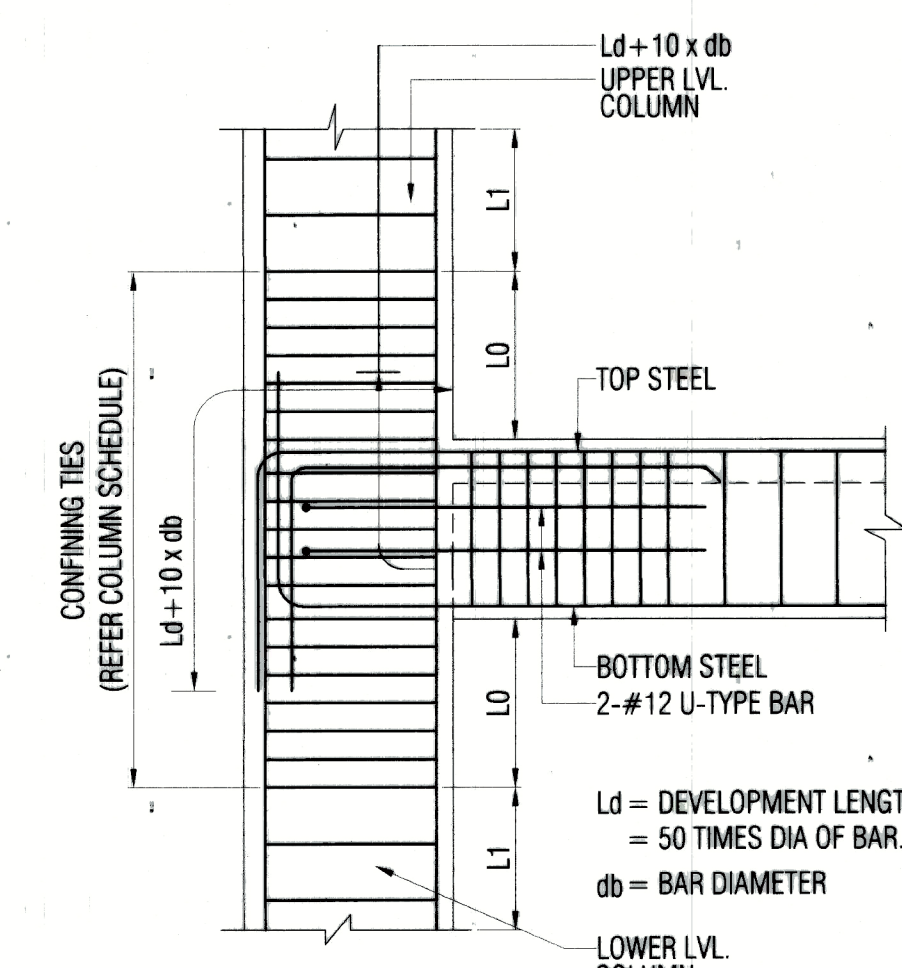
TYPICAL DETAILS AT BEAM INTERSECTION MAIN BEAM AND SUB BEAM SAME DEPTH



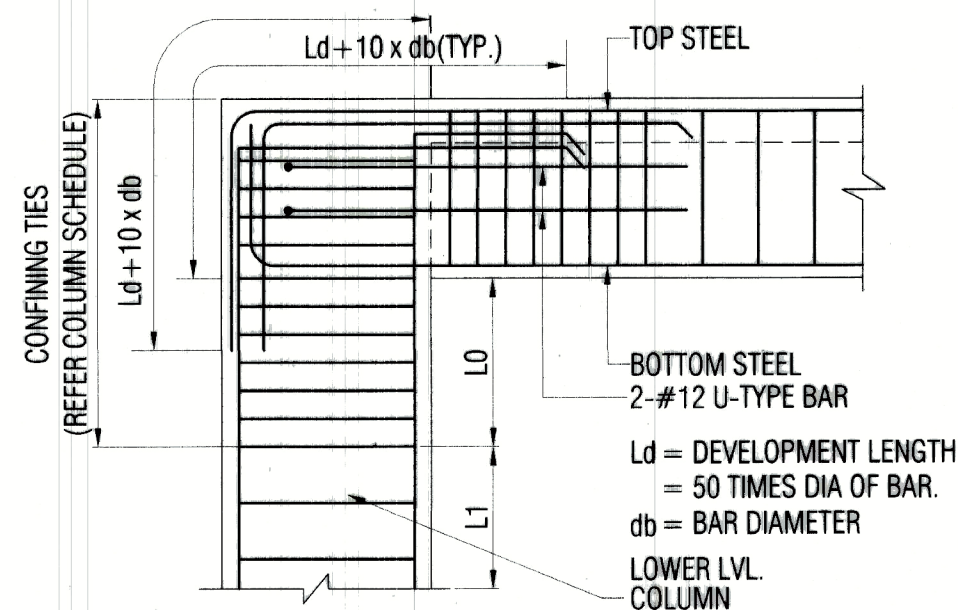
TYPICAL JUNCTION DETAIL OF PRIMARY MAIN & SECONDARY BEAM



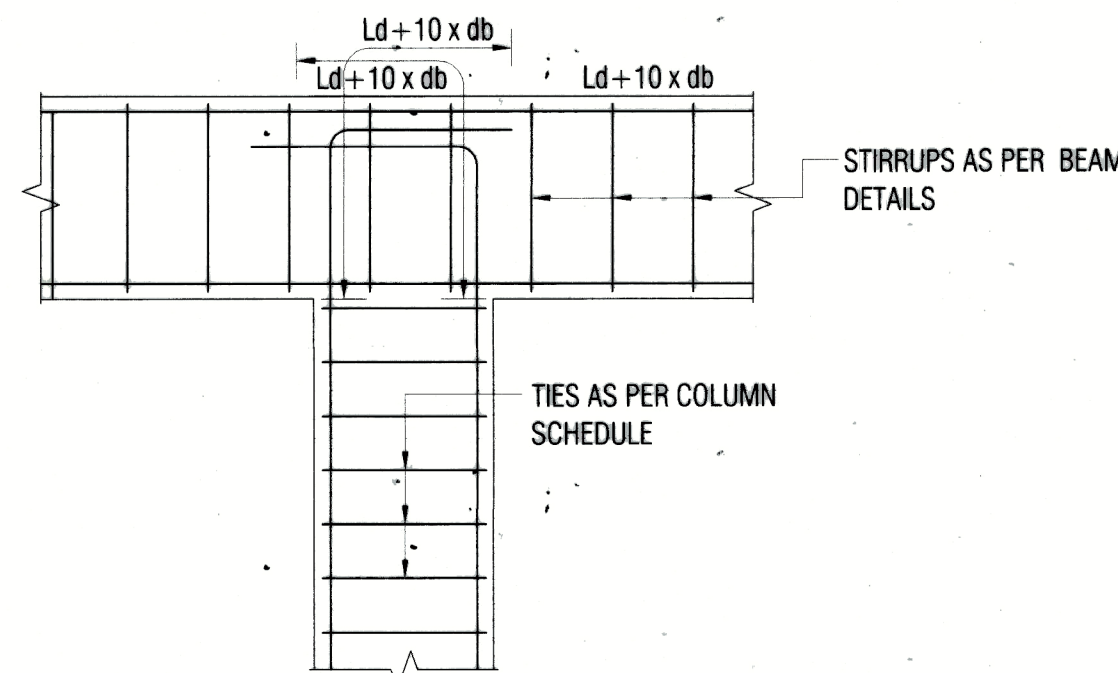
TYPICAL DETAIL OF CONTINUOUS BEAM



TYPICAL DETAIL AT COLUMN & FLOOR / PLINTHBEAM JUNCTION LEVEL



TYPICAL DETAIL AT COLUMN & ROOF BEAM JUNCTION LEVEL



COLUMN BEAM JUNCTION AT ROOF LVL. IN MID-SPAN

NOTE:-

- 1) THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS & CONDITIONS, SPECIFICATION AND SCHEDULE OF ITEMS.
- 2) ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
- 3) FOR STRUCTURAL GENERAL NOTES, REFER DWG.NO. GDR/KPT/005/STR/01.
- 4) CONFINING TIES AT LOCATION OF SPLICE SHALL BE SAME AS INDICATED FOR '10' IN COLUMN SCHEDULE.


CHECKED & VETTED

Satyam D.
Professor
at G. R. Engineering
College, Indore
Simrol, Indore-453002, India

REV.	DATE	DESCRIPTION	SIGNATURE
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PROJECT :- CONSTRUCTION OF ADMINISTRATIVE OFFICE BUILDING FOR DEENDAYAL PORT AUTHORITY, KANDLA.

TITLE :- STRUCTURAL STANDARD TYPICAL DETAILS

 SIGNATURE OF CONSULTANT:- GENERAL MANAGER- DESIGN	KANDLA PORT TRUST		SHT NO.
	REF.DRG.NO:-		
CONSULTANT :-	B-10 KRISHNA IND. ESTATE, OPP. B.I.D.C GORWA ESTATE, VADODARA - 390 016 TELEFAX : 91-265-2290222 2283081,2282305 E-mail : designmeseng@geogroup.in		

DRAWN BY	BALU NAKUM	DRG. NO.	GDR/KPT/005/STR/Q2
DESIGNED BY	RICHA	PROJECT NO.	SHEET NO.
REVIEWED BY	HOJEFA	GDBU23005	01 OF 02
SCALE	NOT TO SCALE		RO
DATE	04/07/2024		

FILE NAME:-

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