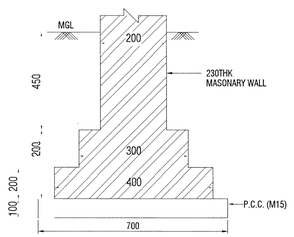
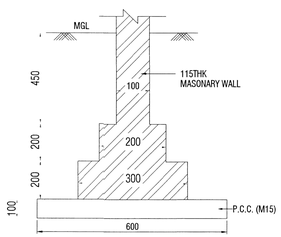
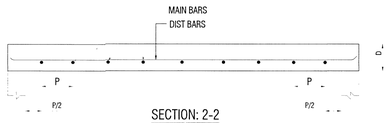


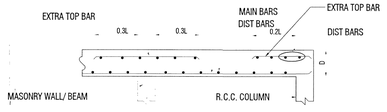
WALL FOOTING
200 MM THK. WALL



WALL FOOTING
100 MM THK. WALL

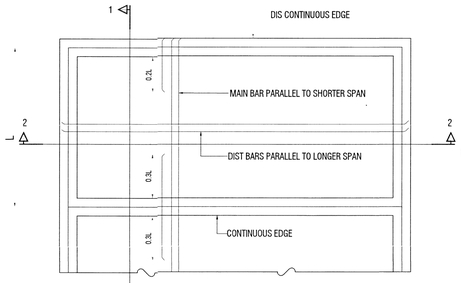


SECTION: 2-2
D = SLAB THICKNESS

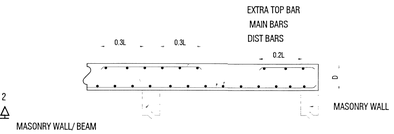


SECTION 1-1 FOR R.C.C COLUMN
D = SLAB THICKNESS

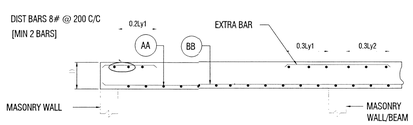
L1



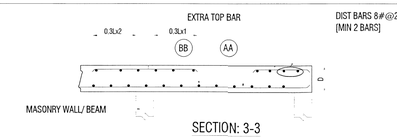
TYPICAL DETAIL OF REIN IN ONE WAY SLAB
P= C/C SPACING OF BARS



SECTION: 1-1 FOR MASONRY
D = SLAB THICKNESS

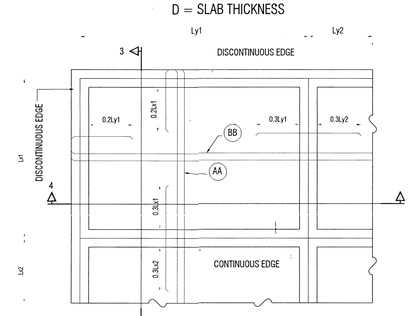


SECTION: 4-4
D = SLAB THICKNESS



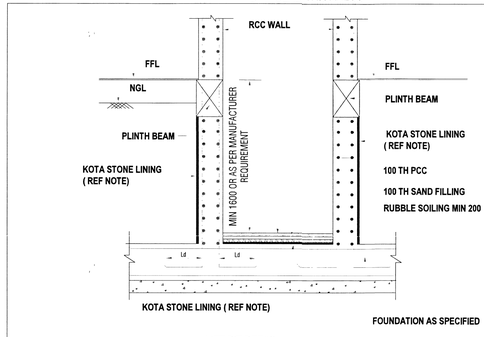
SECTION: 3-3
D = SLAB THICKNESS

Ly1
Ly2



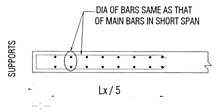
TYPICAL DETAIL OF SLAB SPANNING IN TWO DIRECTIONS WITH SIMPLY SUPPORTED ENDS

P = C/C SPACING OF BARS
AA = BARS PARALLEL TO SHORTER SPAN SHALL BE PLACED BELOW BARS PLACED IN LONGER SPAN
BB = BARS PARALLEL TO LONGER SPAN

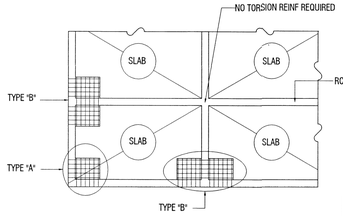


LIFT PIT DETAIL

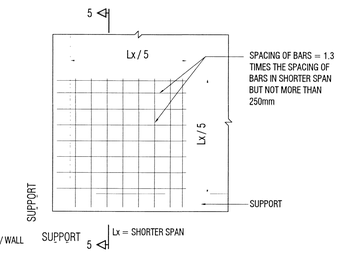
NOTE : WATER PROOFING TREATMENT ALROUND THE LIFT-WELL (VERTICAL FACES (UPTO SOFFIT OF PB / FFL) & BOTTOM OF LIFT WELL) SHALL BE MIN 20 MM TH ROUGH SURFACED KOTA STONE LINING OVER 20 MM TH CEMENT MORTAR AND 20 MM TH CEMENT PLASTER (1:3) WITH WATER PROOFING CHEMICAL OVER KOTA STONE LINING.



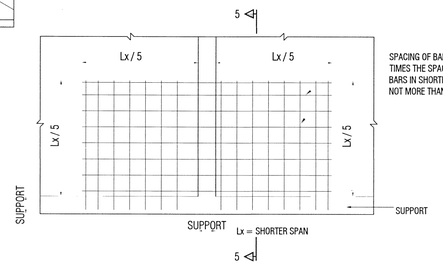
SECTION: 5-5
SHOWING U TYPE BARS



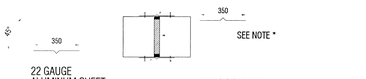
LOCATION WHERE TORSION REINF REQUIRED



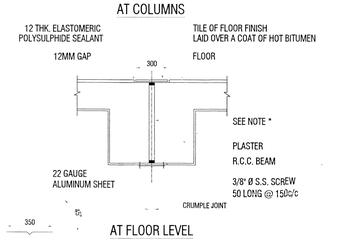
TORSIONAL REIN. IN SLABS, CORNER WITH
TWO DISCONTINUOUS EDGES [TYPE "A"]



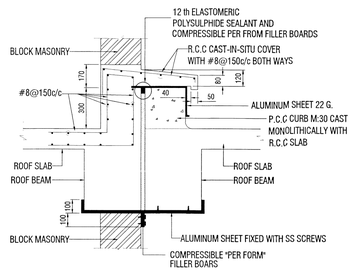
TORSIONAL REIN. IN SLABS, CORNER WITH
ONE DISCONTINUOUS EDGES [TYPE "B"]



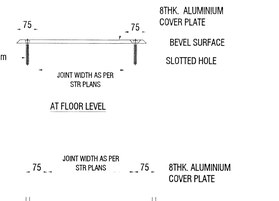
AT COLUMNS

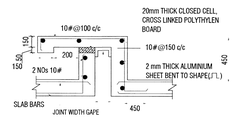


AT FLOOR LEVEL

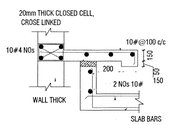


AT ROOF AND FLOOR LEVEL

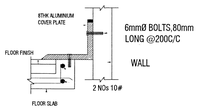




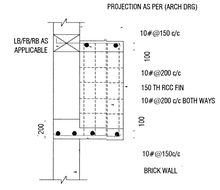
IN ROOF SLAB



BETWEEN WALL AND ROOF SLAB



BETWEEN FLOOR SLAB AND WALL



TYPICAL DETAILS OF BOX TYPE CHAJJA

NOTE :-

1. ALL DIMENSION ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. FIGURED DIMENSIONS ONLY SHALL BE FOLOWED.
3. ALL DRGS. ARE IN CONJUNCTION WITH ALL ARCHITECTURAL AND STRUCTURAL DRGS.

S.NO.	DATE	DESCRIPTION	INITIAL

REVISIONS

CLIENT:
CHIEF ENGINEER(NAVY)
VISAKHAPATNAM ZONE

SHT NO: 19/20

REF DRG NO: CEVZ/2022/WD/2110(S)-SA/CH/DH

DESIGNS & DRAWINGS PREPARED BY CONSULTANCY FIRM M/S INTEGRITY STRUCTURAL CONSULTANT AND VETTED BY NATIONAL INSTITUTE OF TECHNOLOGY TRICHY

Rakshi Raman
Lt Col
SO 1 (Design)
for Chief Engineer

Srinivas Nalla, IDSE
CE (NF)
Director (Design)
for Chief Engineer

NAME OF PROJECT:
PROVISION OF DEFICIENT 287 SINGLE INLIVING ACCN ASSOCIATED FACILITIES FOR DSC AT NAVAL DOCKYARD, VISAKHAPATNAM (BD NO AMWP 46/2020)

TITLE OF DRAWING:-
STRUCTURAL STANDARD TYPICAL DETAILS

STRUCTURAL CONSULTANTS:
INTEGRITY STRUCTURAL CONSULTANTS
ISC
103, Mayuri Manasa Apartments,
Dutch Layout,
Visakhapatnam - 17
Email: integritystco@gmail.com

CONSULTANT DWG NO: ISC/CE(N)/DU/GN/01		SHEET NO:-
SHEET: A1	DATE: 08/06/2022	JOB NO: 07-21
DRAWN: MUZ	CHECKED: SS	APPRD: NS

DESIGNED BY:

Dr. NAJEEB SHARIFF,Ph.D,
(TECH ADVISOR)-ISC
103, Mayuri Manasa Apartments,Dutch Layout,
Visakhapatnam - 17,Email: integritystco@gmail.com

VETTED BY:

Dr. Mashudha Sulthana, PhD
Assistant Professor
Department of Civil Engineering
National Institute of Technology
Tiruchirappalli - 620 015

Dr. MASHUDHA SULTHANA, Ph.D,
ASSISTANT PROFESSOR
DEPARTMENT OF CIVIL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI-620 015.

CODE : PDYXGKR