FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

DRG. NO. 1-38142-13199 SHT. 02 OF 02

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GENERAL DIMENSIONAL LIMITS,FITS & TOLERANCES AS PER HY0230261

'COMPUTER FILE NAME' 'REF. DRG. NO.' 'SIGN. AND DATE' 'INVENTORY NO'

FLOOR BEAM RC DETAIL GRID-1

FLOOR BEAM RC DETAIL GRID-2

FLOOR BEAM RC DETAIL GRID-5'

FLOOR BEAM RC DETAIL GRID-5

FLOOR BEAM RC DETAIL GRID-3

FLOOR BEAM RC DETAIL GRID-7

FLOOR BEAM RC DETAIL GRID-6

FLOOR BEAM RC DETAIL GRID-4

FLOOR BEAM RC DETAIL GRID-8

FLOOR BEAM RC DETAIL GRID-9

FLOOR BEAM RC DETAIL GRID-9'

TYP. R.C. DETAIL OF FLOOR MAIN BEAM MB01 TO MB50

TYP. R.C. DETAILS OF FLOOR MAIN BEAM 'MB01 TO MB55' FOR GRID-1 TO 9, 5', 9', A, B, C, A', A", B1

TYP. R.C. DETAIL OF SECONDARY BEAMS (SB01 TO SB04)

PLAN

TYP. DETAIL OF REINFORCEMENT AROUND RECTANGLE & SQUARE OPENINGS

FLOOR BEAM RC DETAIL GRID-A'

FLOOR BEAM RC DETAIL GRID-A

FLOOR BEAM RC DETAIL GRID-1'

FLOOR BEAM RC DETAIL GRID-A

FLOOR BEAM RC DETAIL GRID-1"

FLOOR BEAM RC DETAIL GRID-C

FLOOR BEAM RC DETAIL GRID-C

FLOOR BEAM RC DETAIL GRID-B

SECTION (1)(1)

LAYOUT OF FLOOR BEAMS & SLABS AT TOC EL105.150 LEVEL

INSERT PLATE LOCATION DETAIL PLEASE REFER DWG 1-381-21-02925-R01 SH2 OF SH2

TYP.CROSS SECTIONAL DETAILS OF FLOOR OPENING EDGE ANGLE AROUND OPENINGS

SECTION (A) (A)

PLAN INSERT PLATE MKD.

KEY PLAN

SCHEDULE OF SECONDARY BEAMS

BEAM MARK	MID SPAN	END SPAN
SB01		
SB02		
SB03		
SB04		

B.H.E.L. HYDERABAD- 500032
PROJECT ENGINEERING & SYSTEMS DIVISION
RELEASED FOR CONSTRUCTION
DATE 30.09.2016
SIGN

LEGEND

FGL - FINISHED GROUND LEVEL.
FFL - FINISHED FLOOR LEVEL
UNO - UNLESS NOTED OTHERWISE
EL - ELEVATION
TYP - TYPICAL
MKD. - MARKED
BOC - BOTTOM OF CONCRETE
TOC - TOP OF CONCRETE
TOB - TOP OF BEAM
BOB - BOTTOM OF BEAM
PC - PILECAP
COLUMN MARK

CALLING UP OF BARS

XXX XXX T/B B/W
BOTH WAYS
TOP / BOTTOM
CENTRE TO CENTRE SPACING
GRADE Fe.415 CONFORMING TO IS1786
DIA OF BARS

NOTES:-

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT, TERMS AND CONDITIONS, SPECIFICATIONS AND SCHEDULE OF ITEMS.
2. EL. 101.20 REFER TO FGL OF CCPP AREA WHICH CORRESPONDS TO EL.7.50 ABOVE MEAN SEA LEVEL(+) 101.70 REFER TO FFL OF CCPP AREA WHICH CORRESPONDS TO EL.8.00 ABOVE MEAN SEA LEVEL.
3. ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METER U.N.O.
4. THE GRADE OF CONCRETE SHALL BE 'M30'.
5. ALL LAPS SHALL BE STAGGERED WITH A GAP OF 300mm (MIN.) BETWEEN THE LAP.
6. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH PILECAP DRAWING NO. 1-38142-13192
7. ALL REINFORCEMENT SHALL BE HCR TMT BARS WITH FY 500 N/mm .
8. FOR GENERAL NOTES ON R.C.C WORK REFER DRG.NO: 1-38142-13157.
9. LAP LENGTH FOR REINFORCEMENT BARS SHALL BE 50 X DIA OF BARS.
10. CLEAR COVER SHALL BE 35MM FOR BEAM & SLAM

REFERENCE DRAWING

1. 1-381-21-02804 - SWGR ROOM EQUIPMENT LAYOUT
2. 1-381-21-02880 - CONTROL ROOM LAYOUT
3. 2-381-42-01254-R04 - DETAILS OF WORKING PILE
4. 1-381-42-13157 -GENERAL NOTES OF CONCRETE WORKS
5. 1-381-42-13193 TO 13198 -ARCH. DRAWINGS
6. 1-381-42-13199 TO 13204 -RC DETAILS OF SUPERSTRUCTURE
7. 1-38142-13199-S01-R00 LAYOUT & RC DETAILS OF BEAMS AT EL105.2 (LINTEL BEAM)

REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED KG
		CHD/APPD			CHD/APPD			CHD/APPD			CHD/APPD			CHD/APPD	02	21.09.16	CHD/APPD GPP/ESHAN
ZONE			ZONE			ZONE			ZONE			ZONE			ZONE		LIFT AREA HOLD IS REMOVED & BEAM AND SLAB DETAILS ARE ADDED. REVISIONS ARE CLODED AND MARKED AS 2

REV.	DATE	ALTERED KG
01	25.08.16	CHD/APPD GPP/ESHAN
ZONE		DWG REVISED AS PER FICHTNER COMMENT MAIN AND SECONDARY BEAMS REINF ARE REVISED