TOP_TITLE1

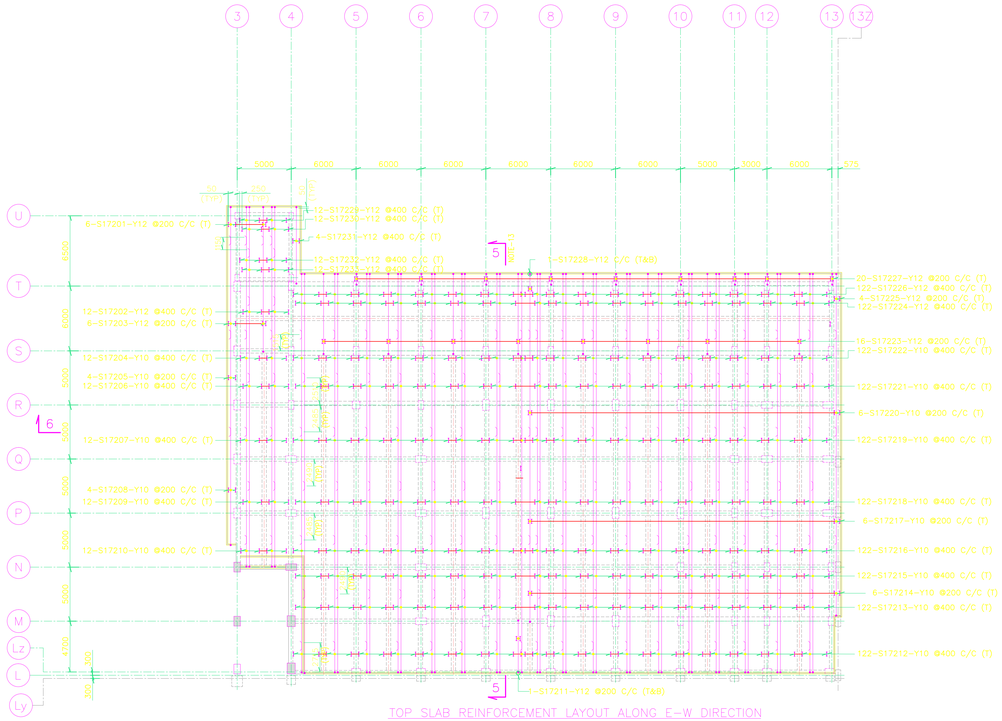
DWG. NO.

TOP_TITLE2

TOP_TITLE1

TITLE:

NORTH

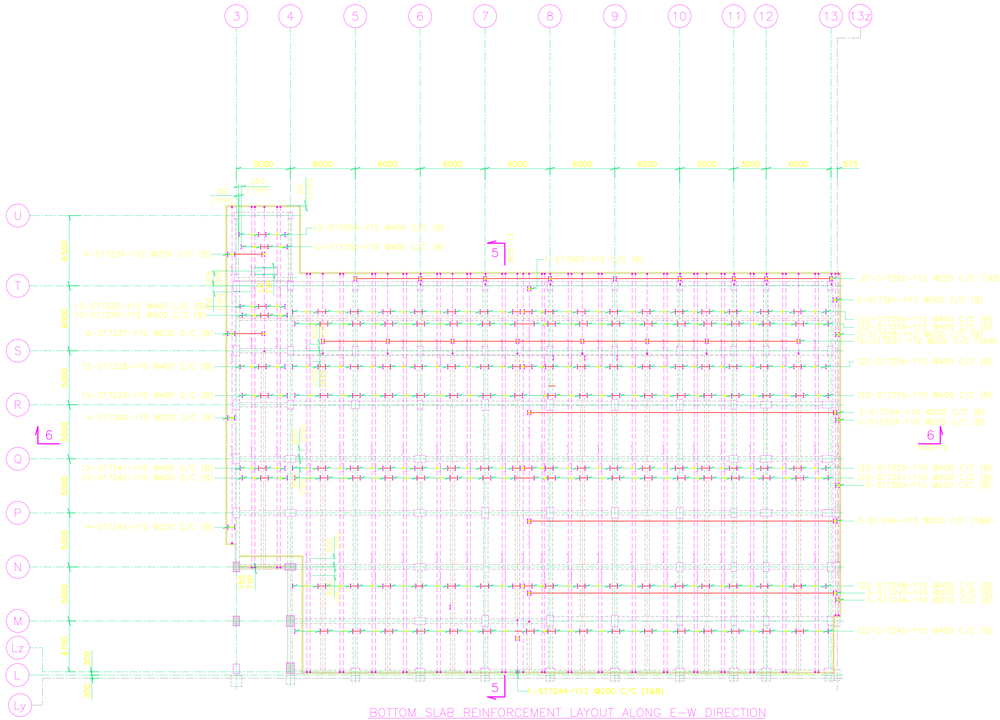


TOP SLAB REINFORCEMENT LAYOUT ALONG E-W DIRECTION

(FOR SLAB AT TOC, EL. 8,000)

(REINFORCEMENT ALONG N-S DIRECTION ARE NOT SHOWN FOR CLARITY)

1:100

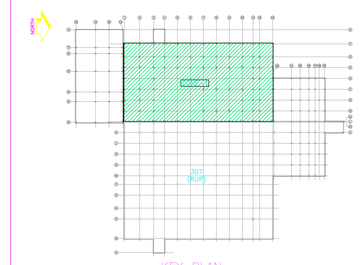


BOTTOM SLAB REINFORCEMENT LAYOUT ALONG E-W DIRECTION

(FOR SLAB AT TOC, EL. 8,000)

(REINFORCEMENT ALONG N-S DIRECTION ARE NOT SHOWN FOR CLARITY)

1:100



KEY PLAN

LEGENDS:

RUP ---- REPROCESSED URANIUM OXIDE PLANT
TYP. ---- TYPICAL
UNO ---- UNLESS NOTED OTHERWISE
EL. ---- ELEVATION LEVEL
℄ ---- CENTRE LINE
BAR MARK
LEVEL
ZONE NO.
REINFORCEMENT
NO. OF BARS

THK ---- THICKNESS
TOC ---- TOP OF CONCRETE
FFL ---- FINISHED FLOOR LEVEL
CJ ---- CONSTRUCTION JOINT
T ---- TOP
B ---- BOTTOM
Ld ---- DEVELOPMENT LENGTH

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS IN METERS UNLESS NOTED.
2. THE STRUCTURAL CONCRETE SHALL BE OF GRADE M30.
3. THE CLEAR COVER OF MAIN REINFORCEMENT SHALL BE AS FOLLOWS:
   a) SLABS - 20mm BOTTOM, 15mm TOP, 30mm SIDE.
4. REINFORCING STEEL SHALL BE OF GRADE Fe 415 TMT CONFORMING TO I.S. 1786.
5. CONSTRUCTION JOINT SHOULD BE LOCATED AT A DEPTH AT LEAST EQUAL TO THE SMALLER LATERAL DIMENSION OF THE SUPPORTING COLUMN BUT NOT LESS THAN 250MM FROM THE SOFFIT OF BEAM.
6. CONSTRUCTION JOINT SHOULD NOT BE PROVIDED JUST BELOW THE SOFFIT OF A SLAB OR BEAM.
7. THE MAXIMUM SPACING OF MAIN SLAB REINFORCEMENT SHALL NOT EXCEED 2 TIMES OVERALL DEPTH OF SLAB OR 300MM WHICHEVER IS SMALLER.
8. THE MAXIMUM SPACING OF DISTRIBUTION REINFORCEMENT IN ONE WAY SLAB SHALL NOT EXCEED 3 TIMES EFFECTIVE DEPTH OF SLAB OR 450MM WHICHEVER IS SMALLER.
9. THE MAXIMUM SPACING OF BAR SHALL NOT BE MORE THAN 450MM OR SPECIFIED, OTHERWISE.
10. STAGGERED SPLICES SHALL BE PROVIDED BY KEEPING CENTER TO CENTER DISTANCE OF SPLICES GREATER THAN 1.3 TIMES OF LAP LENGTH.
11. LAP LENGTH SHALL NOT BE LESS THAN 50 TIMES DIAMETER OF BAR.
12. FOR BEAM LAYOUT AT 300 EL &450 FOR RUP (ZONE-1) REFER DRAWING NO. FRFCF/62160/DD/2312.
13. FOR SECTIONAL DETAILS OF SLAB REFER DRAWING NO. FRFCF/62160/DD/2313

CONSTRUCTION REFERENCE DWG.:

NIL

HOLD:

1. LOCATION OF OPENING & CUTOUTS ARE UNDER HOLD
2. REINFORCEMENT DETAILS NEAR OPENING & CUTOUTS ARE UNDER HOLD

ENGINEERING REFERENCE DRAWING (TITLE)		DRAWING NO.	REV. NO.
1	PLOT PLAN FOR PACKAGE-2	FRFCF/62900/PL/2199	C
2	REPROCESSED URANIUM OXIDE PLANT GENERAL ARRANGEMENT PLAN	FRFCF/63000/GA/2111	C
3	REPROCESSED URANIUM OXIDE PLANT GENERAL ARRANGEMENT SECTIONS	FRFCF/63000/GA/2112	C
4	BEAM LAYOUT AT TOC, EL.(-)400 & EL.-13,000 FOR RUP (ZONE-1)	FRFCF/62160/GA/2154	B
5	ROOF BEAM LAYOUT AT TOC, EL.8,000 FOR RUP BUILDING (ZONE-1)	FRFCF/62160/GA/2157	B

FRFCF	CHECKED		APPROVED	
	STAGE-1	STAGE-2	STAGE-1	STAGE-2
CIVIL				
MECH				
PROCESS				

FRFCF	CHECKED		APPROVED	
	STAGE-1	STAGE-2	STAGE-1	STAGE-2
ELEC				
I&C				

FRFCF'S ACCEPTANCE

DO NOT SCALE

FILE NAME : FILE_NAME

ISSUE No.	DRAWING RELEASED FOR	DATE	REV. NO.	DESCRIPTION	DRAWN BY	DESD BY	DESN CHD BY	PROCESS	CIVIL	ELEC.	MECH./ SP.PRO.	I&C	APPROVED
1	FIRST ISSUE	15.09.11	B	FOR REVIEW AND COMMENTS	NRK	NM	NKS	-	KYD	-	-	-	MVS

ISSUE BLOCK — REVISION BLOCK

CLIENT :	
PROJECT :	
TITLE: SLAB REINFORCEMENT DETAIL	
ORIGINATING AGENCY	
DESD. DATE 15.09.11	
DESN CHD. DATE 15.09.11	
DRN. DATE 15.09.11	
DRG. CHD. DATE 15.09.11	
APPD. DATE 15.09.11	
SCALE 1:200	DV-
PROJECTION	
DRG.NO. FRFCF/XXXXX/XX/XXXX	REV. P0

THIS DESIGN AND DRAWING IS THE PROPERTY OF ... IT SHALL NOT BE USED, REPRODUCED OR COMMUNICATED WITHOUT THE PERMISSION OF THE OWNER.