



- LEGENDS:**
- TYP: TYPICAL
  - UNO: UNLESS NOTED OTHERWISE
  - EL: ELEVATION LEVEL
  - CL: CENTRE LINE
  - C100: COLUMN NO.
  - C: COLUMN
  - THK: THICKNESS
  - TOC: TOP OF CONCRETE
  - FGL: FINISHED GROUND LEVEL
  - FFL: FINISHED FLOOR LEVEL
  - CJ: CONSTRUCTION JOINT
  - RUP: REPROCESSED URANIUM OXIDE PLANT

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS IN METERS UNLESS NOTED.
  - ALL THE STRUCTURAL CONCRETE BELOW GRADE LEVEL (EL.0.000) SHALL BE OF GRADE M45.
  - ALL THE STRUCTURAL CONCRETE ABOVE GRADE LEVEL (EL.0.000) SHALL BE OF GRADE M30.
  - REINFORCING STEEL SHALL BE OF GRADE Fe 415 TMT CONFORMING TO IS 1786.
  - ALL THE UNDER GROUND RCC WORK IN CONTACT WITH SOE SHALL BE PAINTED WITH 2 COATS OF COALTAR EPOXY PAINT.
  - 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 SOFFIT OF BEAM.
  - CONSTRUCTION JOINT SHOULD NOT BE PROVIDED JUST BELOW THE SOFFIT OF A SLAB OR BEAM.
  - CONCRETE IN BEAM SHALL BE PLACED THROUGHOUT WITHOUT JOINT BUT IF PROVISION OF A JOINT IS UNAVOIDABLE THE JOINT SHALL BE VERTICAL AND LOCATED WITHIN 1/3 TO 1/4 OF SPAN.
  - BUTRESS WALL ATTACHED TO THE RETAINING WALL BELOW EL.0.0 IS NOT SHOWN IN COLUMN.
  - FOUNDATION DETAILS SHOWN IN THIS DRAWING FOR REPRESENTATIVE PURPOSE ONLY. FOR EXACT DETAILS OF FOUNDATION REFER DRAWING FRFCF/62160/GA/2163.
  - RCC WALLS SHOWN IN THE DRAWINGS ARE NOT FOR REPRESENTATIVE PURPOSE ONLY. FOR EXACT DETAILS & LOCATION OF WALL REFER WALL ELEVATION DRAWING.
  - FOR SECTION 1 TO SECTION 3 REFER DRAWING NO. FRFCF/62160/GA/2162.
  - FOR SECTION 4, 4A & SECTION 9 TO SECTION 12 REFER DRAWING NO. FRFCF/62160/GA/2163.
  - FOR SECTION 13 TO SECTION 17 REFER DRAWING NO. FRFCF/62160/GA/2164.
  - FOR SECTION 18 TO SECTION 21 REFER DRAWING NO. FRFCF/62160/GA/2165.

**CONSTRUCTION REFERENCE DWG.**  
NIL

ENGINEERING REFERENCE DRAWING (TITLE)	DRAWING NO.	REV. NO.
1. PLOT PLAN FOR PACKAGE-3	FRFCF/52000/PL/2199	C
2. REPROCESSED URANIUM OXIDE PLANT GENERAL ARRANGEMENT PLAN	FRFCF/63000/GA/2111	C
3. REPROCESSED URANIUM OXIDE PLANT GENERAL ARRANGEMENT - SECTION	FRFCF/63000/GA/2112	C
4. FOUNDATION LAYOUT DRAWING FOR RUP ZONE-1	FRFCF/62160/GA/2133	C
5. BEAM LAYOUT AT TOC EL.(-)14.625 EL.(-)9.625 & EL.(-)4.750 FOR RUP ZONE-1	FRFCF/62160/GA/2141	C
6. BEAM LAYOUT AT TOC EL. 3.250 EL. 4.250 AND EL. 9.750 FOR RUP ZONE-1	FRFCF/62160/GA/2144	B
7. BEAM LAYOUT AT TOC EL. 6.450 & EL. 13.000 FOR RUP BUILDING ZONE-1	FRFCF/62160/GA/2154	B
8. BEAM LAYOUT DRAWING AT TOC EL.(-)30.050 FOR RUP BUILDING ZONE-1	FRFCF/62160/GA/2151	C
9. BEAM LAYOUT AT TOC EL. 8.500 FOR RUP BUILDING ZONE-1	FRFCF/62160/GA/2157	B

**COLUMN SCHEDULE**

COLUMN	COLUMN SIZE	SECTION
C101	600x800	
C102	600x800	
C103	700x700	
C104	500x1000	
C105	600x1000	
C106	600x1200	
C107	400x600	

**HOLD:**  
1. ALL INSERT PLATE DETAILS ARE UNDER HOLD.

FRFCF	CHECKED	APPROVED	FRFCF	CHECKED	APPROVED
STAGE-1	STAGE-2	STAGE-1	STAGE-1	STAGE-2	STAGE-1
CIVIL			ELEC		
MECH			I&C		
PROCESS					

**FRFCF'S ACCEPTANCE**

**DO NOT SCALE**

CLIENT : \_\_\_\_\_

PROJECT : \_\_\_\_\_

TITLE: COLUMN ELEVATION

ORIGINATING AGENCY: \_\_\_\_\_

DRG. NO. /XXXXX/XX/XXXX

DESIGNER: \_\_\_\_\_ DATE: 14-02-2011

DRAWN: \_\_\_\_\_ DATE: 14-02-2011

CHECKED: \_\_\_\_\_ DATE: 14-02-2011

APPROVED: \_\_\_\_\_ DATE: 14-02-2011

SCALE: 1:200 DV=

PROJECTION:

REV. NO. PO

ISSUE No.	DRAWING RELEASED FOR	DATE	REV. NO.	DESCRIPTION	DRN	DES	DES CHD	PROCESS	CIVIL	ELEC	MECH/SP. PROC.	I&C	APPROVED
1.	ISSUE FOR REVIEW & COMMENTS	14-02-11	A	FIRST ISSUE									

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