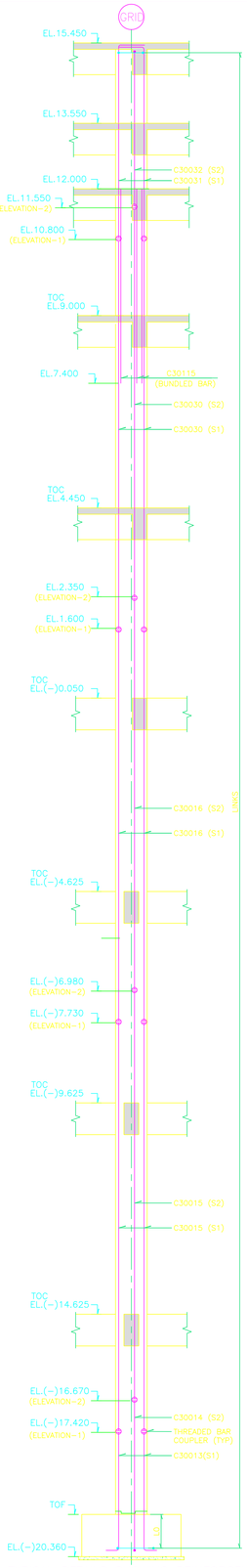
TOP_TITLE1

DWG. NO.

TOP_TITLE2
TOP_TITLE1

TITLE:

GRID

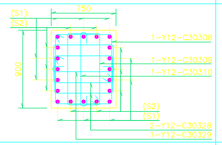
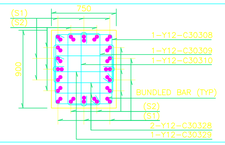
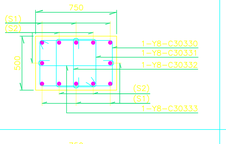
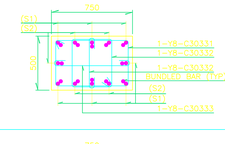
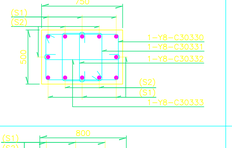
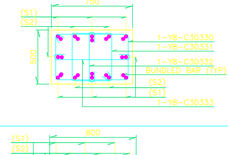
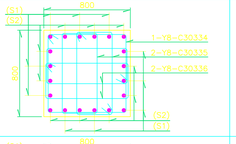
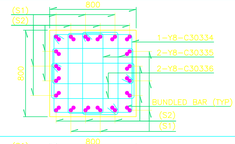
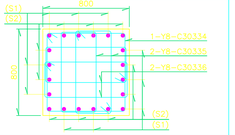
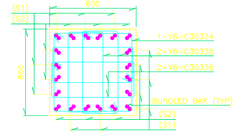
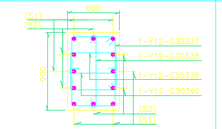
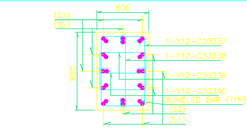


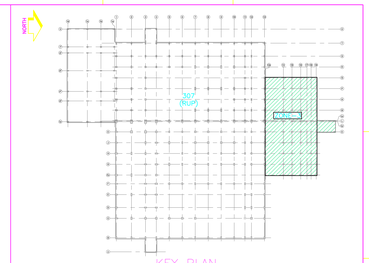

TYPICAL DETAILS SHOWING REINFORCEMENT ARRANGEMENT IN COLUMN

(ELEVATION DRAWN FOR COLUMN NO. C3035)

1:50

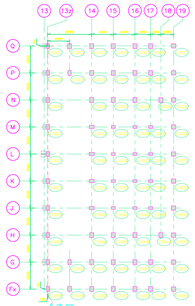
## DETAILS OF COLUMN REINFORCEMENTS

| GROUP NO. | COLUMN NO. | SIZE N-S | SIZE E-W | LONGITUDINAL REINFORCEMENT S1 FROM EL. | S1 TO EL. | S1 BAR DIA. & BAR MARK | S2 FROM EL. | S2 TO EL. | S2 BAR DIA. & BAR MARK | LO | BAR-TEC COUPLER ELEVATION "ELEVATION-1" FOR (S1) | BAR-TEC COUPLER ELEVATION "ELEVATION-2" FOR (S2) | BUNDLED BARS FROM EL. | BUNDLED BARS TO EL. | BUNDLED BARS DESCRIPTION | LINKS N-S | LINKS E-W | SECTIONAL DETAIL | SECTIONAL DETAIL FOR BUNDELED BARS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | C3056 | 750 | 900 | TOF | -17.420 | 10-C30007 | TOF | -16.670 | 10-C30008 | 1250 | EL. (-)17.420 | EL. (-)16.670 | TOF<br>EL (-)1.650 | EL (-) 17.600<br>EL 2.650 | 20-Y28-C30112<br>20-Y28-C30113 | 293-Y12-5LEGGED @ 100 | 293-Y12-7LEGGED @ 100 |  |  |
| | | | | -17.420 | -7.730 | 10-C30009 | -16.670 | -6.980 | 10-C30009 | | EL. (-)7.730 | EL. (-)6.980 | | | | | | | |
| | | | | -7.730 | 1.600 | 10-C30010 | -6.980 | 2.350 | 10-C30010 | | EL. 1.600 | EL. 2.350 | | | | | | | |
| | | | | 1.600 | 9.000 | 10-C30024 | 2.350 | 9.000 | 10-C30025 | | – | – | | | | | | | |
| 12 | C3023, C3024, C3025, C3026, C3029, C3030, C3031, C3037, C3043 | 750 | 500 | TOF | -17.420 | 6-C30001 | TOF | -16.670 | 6-C30002 | 1250 | EL. (-)17.420 | EL. (-)16.670 | EL 1.500 | EL 6.800 | 12-Y25-C30114 | 293-Y8-5LEGGED @ 100 | 293-Y8-3LEGGED @ 100 |  |  |
| | | | | -17.420 | -7.730 | 6-C30003 | -16.670 | -6.980 | 6-C30003 | | EL. (-)7.730 | EL. (-)6.980 | | | | | | | |
| | | | | -7.730 | 1.600 | 6-C30004 | -6.980 | 2.350 | 6-C30004 | | EL. 1.600 | EL. 2.350 | | | | | | | |
| | | | | 1.600 | 9.000 | 6-Y28-C30028 | 2.350 | 9.000 | 6-Y28-C30029 | | – | – | | | | | | | |
| 13 | C3035, C3036, C3041, C3042 | 750 | 500 | TOF | -17.420 | 6-C30013 | TOF | -16.670 | 6-C30014 | 1250 | EL. (-)17.420 | EL. (-)16.670 | EL 7.400 | EL 12.000 | 12-Y28-C30115 | 358-Y8-5LEGGED @ 100 | 358-Y8-3LEGGED @ 100 |  |  |
| | | | | -17.420 | -7.730 | 6-C30015 | -16.670 | -6.980 | 6-C30015 | | EL. (-)7.730 | EL. (-)6.980 | | | | | | | |
| | | | | -7.730 | 1.600 | 6-C30016 | -6.980 | 2.350 | 6-C30016 | | EL. 1.600 | EL. 2.350 | | | | | | | |
| | | | | 1.600 | 10.800 | 6-Y32-C30030 | 2.350 | 11.550 | 6-Y32-C30030 | | EL. 10.800 | EL. 11.550 | | | | | | | |
| | | | | 10.800 | 15.450 | 6-Y32-C30031 | 11.550 | 15.450 | 6-Y32-C30032 | | – | – | | | | | | | |
| 14 | C3007, C3014, C3057, C3064 | 800 | 800 | TOF | -17.420 | 10-C30013 | TOF | -16.670 | 10-C30014 | 1250 | EL. (-)17.420 | EL. (-)16.670 | EL (-) 1.700 | EL 3.400 | 20-Y28-C30116 | 279-Y8-6LEGGED @ 100 | 279-Y8-6LEGGED @ 100 |  |  |
| | | | | -17.420 | -7.730 | 10-C30015 | -16.670 | -6.980 | 10-C30015 | | EL. (-)7.730 | EL. (-)6.980 | | | | | | | |
| | | | | -7.730 | 1.600 | 10-C30016 | -6.980 | 2.350 | 10-C30016 | | EL. 1.600 | EL. 2.350 | | | | | | | |
| | | | | 1.600 | 7.500 | 10-Y32-C30033 | 2.350 | 7.500 | 10-Y32-C30034 | | – | – | | | | | | | |
| 15 | C3020, C3026, C3032, C3038, C3044, C3050 | 800 | 800 | TOF | -17.420 | 10-C30001 | TOF | -16.670 | 10-C30002 | 1250 | EL. (-)17.420 | EL. (-)16.670 | EL (-)1.700 | EL 6.100 | 20-Y28-C30117 | 293-Y8-6LEGGED @ 100 | 293-Y8-6LEGGED @ 100 |  |  |
| | | | | -17.420 | -7.730 | 10-C30003 | -16.670 | -6.980 | 10-C30003 | | EL. (-)7.730 | EL. (-)6.980 | | | | | | | |
| | | | | -7.730 | 1.600 | 10-C30004 | -6.980 | 2.350 | 10-C30004 | | EL. 1.600 | EL. 2.350 | | | | | | | |
| | | | | 1.600 | 9.000 | 10-C30028 | 2.350 | 9.000 | 10-C30029 | | – | – | | | | | | | |
| 16 | C3009, C3052 | 600 | 900 | TOF | -17.420 | 6-C30007 | TOF | -16.670 | 6-C30008 | 1250 | EL. (-)17.420 | EL. (-)16.670 | TOF | EL (-)16.650 | 12-Y32-C30118 | 203-Y12-5LEGGED @ 100 | 203-Y12-5LEGGED @ 100 |  |  |
| | | | | -17.420 | -7.730 | 6-C30009 | -16.670 | -6.980 | 6-C30009 | | EL. (-)7.730 | EL. (-)6.980 | | | | | | | |
| | | | | -7.730 | -0.050 | 6-C30026 | -6.980 | -0.050 | 6-C30027 | | – | – | | | | | | | |




KEY PLAN

1:1000




PLAN AT TOC EL (-)0.050

(SHOWING COLUMN LOCATIONS)

1:400

LEGENDS:

TYP. — TYPICAL
UNO. — UNLESS NOTED OTHERWISE
EL. — ELEVATION LEVEL
℄ — CENTRE LINE
TOF — TOP OF FOOTING
C3XXX — BAR MARK
ZONE NO.
COLUMN
TOC — TOP OF CONCRETE
UNO — UNLESS NOTED
COUPLER
COL. — COLUMN
LD — DEVELOPMENT LENGTH IN COMPRESSION

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS IN METERS UNLESS NOTED.
2. FOR OTHER NOTES REFER DWG. NO. FRFCF/52060/DD/2253 (SHEET 1 OF 2)

| | ENGINEERING REFERENCE DRAWING (TITLE) | DRAWING NO. | REV. NO. |
|---|---|---|---|
| 1. | PLOT PLAN PACKAGE-3 | FRFCF/52000/PL/2199 | C |
| 2. | EQUIPMENT LAYOUT FOR REPROCESSED URANIUM OXIDE PLANT (RUP) | FRFCF/62000/GA/2111 (SH 1 OF 3) | D |
| 3. | EQUIPMENT LAYOUT FOR REPROCESSED URANIUM OXIDE PLANT (RUP) | FRFCF/62000/GA/2111 (SH 2 OF 3) | D |
| 4. | EQUIPMENT LAYOUT FOR REPROCESSED URANIUM OXIDE PLANT (RUP) | FRFCF/62000/GA/2111 (SH 3 OF 3) | D |
| 5. | EQUIPMENT LAYOUT-SECTIONS FOR REPROCESSED URANIUM OXIDE PLANT | FRFCF/62000/GA/2112 (SH 1 OF 2) | D |
| 6. | EQUIPMENT LAYOUT-SECTIONS FOR REPROCESSED URANIUM OXIDE PLANT | FRFCF/62000/GA/2112 (SH 2 OF 2) | D |
| 7. | REPROCESSED URANIUM OXIDE PLANT (RUP) ARCHITECTURAL GROUND FLOOR PLAN | FRFCF/62100/AL/2101 | D |
| 8. | REPROCESSED URANIUM OXIDE PLANT (RUP) ARCHITECTURAL FLOOR PLAN | FRFCF/62100/AL/2102 | D |
| 9. | FOUNDATION LAYOUT DWG FOR RUP BUILDING ZONE-3 | FRFCF/62150/GA/2135 | C |
| 10. | COLUMN LAYOUT & ELEVATION DRAWING FOR RUP BUILDING ZONE-3 SECTION-1 TO SECTION-7 | FRFCF/62160/GA/2171 | A |
| 11. | COLUMN ELEVATION DRAWING FOR RUP BUILDING ZONE-3 SECTION-8 TO SECTION-13 | FRFCF/62160/GA/2172 | A |
| 12. | COLUMN ELEVATION DRAWING FOR RUP BUILDING ZONE-3 SECTION-14 TO SECTION-18 | FRFCF/62160/GA/2173 | A |
| 13. | COLUMN REINFORCEMENT DETAILS FOR RUP BUILDING ZONE-3 (SHEET 1 OF 2) | FRFCF/62160/DD/2253 | A |

CONSTRUCTION REFERENCE:

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

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

FRFCF'S ACCEPTANCE

DO NOT SCALE

CLIENT :

PROJECT :

TITLE:
TITLE1
TITLE2

ORIGINATING AGENCY

DESD. DATE 27-05-11
DESN CHD. DATE 27-05-11
DRN. DATE 27-05-11
DRG. CHD. DATE 27-05-11
APPD. DATE 27-05-11
SCALE. 1:20 DV:- CV:-
PROJECTION

DRG.NO. FRFCF/XXXXX/XX/XXXX

REV. P0

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 | 27-05-11 | A | FOR REVIEW AND COMMENTS | RMC | ERK | ASD | – | KYZ | – | – | – | MVS |

ISSUE BLOCK — REVISION BLOCK

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