



PLINTH BEAM SCHEDULES & R/E.

BEAM MKD.	SIZE	REINFORCEMENT			
		BOTTOM	TOP	B1	B2
FB-1	200x400	2-Y16 (A)	1-Y12 (E)	2-Y16 (A)	-
FB-1A	200x500	6-Y20 (A)	-	6-Y20 (A)	-
FB-2	200x400	2-Y16 (A)	-	2-Y16 (A)	-
FB-3	200x400	2-Y16 (A)	2-Y16 (E)	2-Y16 (A)	1-Y16 (E)
FB-4	200x400	2-Y16 (A)	1-Y16 (E)	2-Y16 (A)	-
FB-5	200x400	2-Y20 (A)	1-Y20 (E)	2-Y16 (A)	1-Y16 (E)
FB-6	200x400	2-Y20 (A)	2-Y20 (E)	2-Y20 (A)	2-Y20 (E)
FB-7	200x500	6-Y20 (A)	-	6-Y20 (A)	-

SECTION 1-1

SECTION 2-2

TYP. DETAIL OF INS. PLATE (IP1)

ROOF BEAM ARRANGEMENT

TYP. DETAIL OF SUNSHADE

1. SYS-7602PN027 : CONTROL ROOM BUILDING ARCHITECTURAL PLAN AND SECTION. 1. ALL DIMENSIONS ARE IN MM COORDINATE AND LEVEL IN METER UNLESS OTHERWISE SPECIFIED.

2. SYS-7602PN027 : CONTROL ROOM BUILDING PANEL ARRANGEMENT LAYOUT.

3. RCC CORRESPONDING TO (±) 0.00 METER.

4. LAP LENGTH SHALL BE 20 N/MM & MINIMUM CHARACTERISTIC STRENGTH AFTER AFTER 28 DAYS SHALL BE 47 TIMES THE DIAMETER OF BAR.

5. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS BELOW:

(a) FOR FOUNDATION = 50mm.

(b) FOR BEAMS = 25mm.

(c) FOR SLAB = 20mm.

6. THICKNESS OF UNTEL BEAM SHALL BE - T=200mm FOR OPENING < 1.5M, T=300mm FOR OPENING > 1.5M.

7. LENGTH OF UNTEL BEAM SHALL BE 300 MM MORE THAN THE SIZE OF OPENING ON EACH SIDE.

REV.	DESCRIPTION	DATE	BY	CHECKED	APPROVED	STATUS
0	FIRST ISSUE					

KENYA POWER AND LIGHTING Co. Ltd.

NORCONSULT

PROJECT: DISTRIBUTION REINFORCEMENT & UPGRADE CONTRACT.

SUBSTATIONS: TRANFORMERS, LINES AND CABLES (AND FINISHED COMPONENT)

SUBSTATION: **KIPEVU - M14**

CLIENT: AREVA T&D INDIA LTD.

AREVA T&D INDIA LTD. A 21-24, SECTOR-16 ELECTRONIC MARKET FOR CONTROL ROOM BUILDING

DRAWING NO. SYS-7602PN027-M14-C-019

SCALE: 1:100

AREVA

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