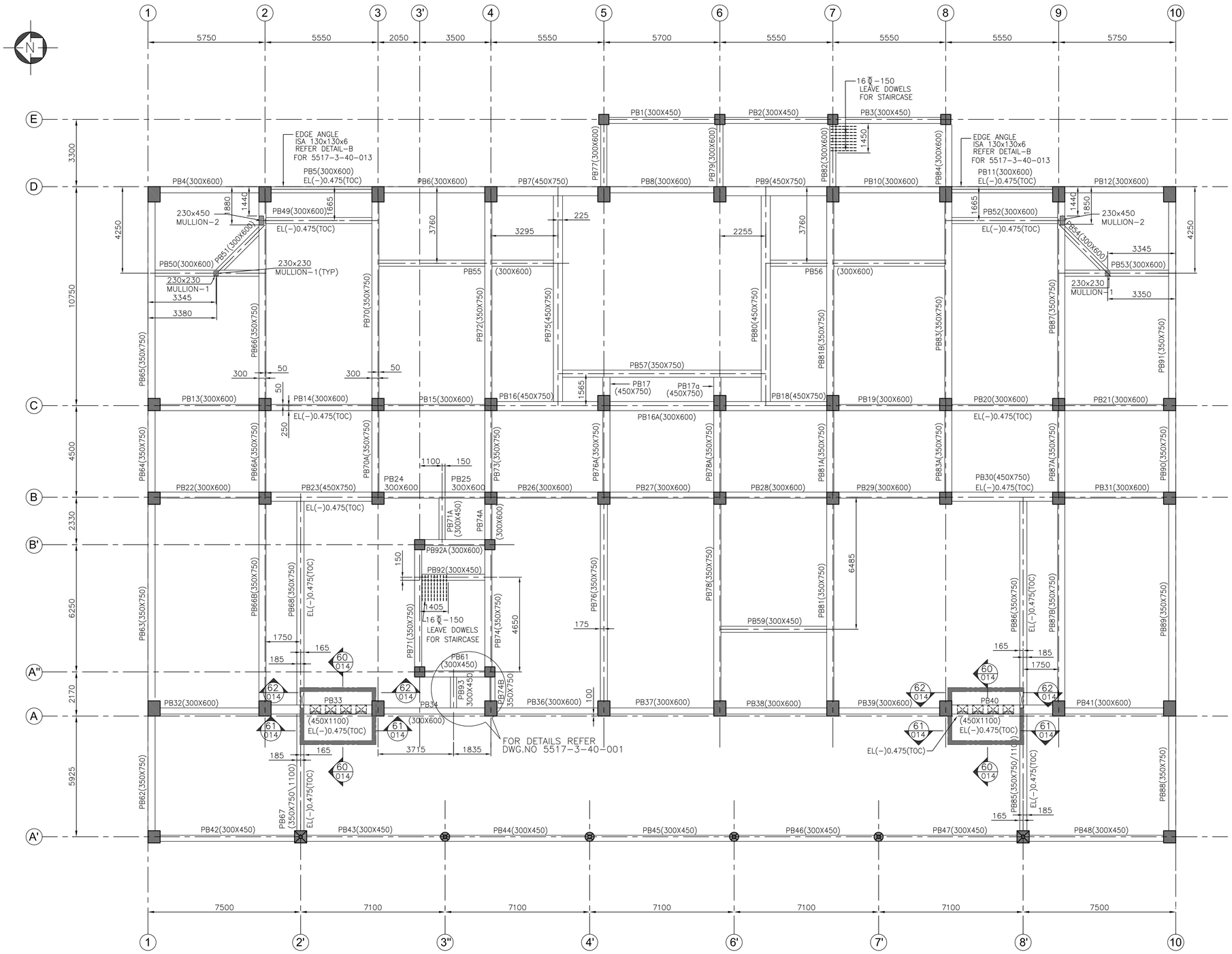
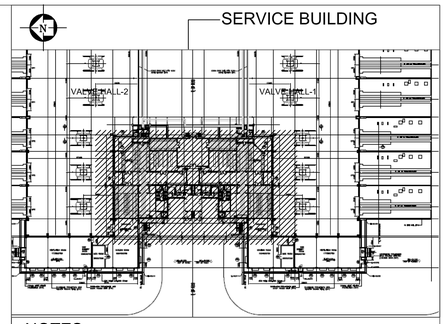


LAYOUT OF PLINTH BEAM AT EL(-)0.325(TOC) (UNO)

(SCALE 1:100)

0 50 100 mm

THIS MEASUREMENT IS 100 mm ON ORIGINAL DRAWING
IF NOT 100 mm ON THIS COPY, ADJUST SCALES ACCORDINGLY.



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER AND LEVELS ARE IN METERS, UNO.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH CONTRACT TERMS AND CONDITIONS AND SPECIFICATION.
3. GRADE OF CONCRETE SHALL BE M25 WITH 20mm NOMINAL AGGREGATES AS PER IS 456 AND IS 10262.
4. REINFORCEMENT STEEL SHALL BE OF Fe500 GRADE,CONFORMING TO IS:1786
5. CEMENT USED SHALL BE ORDINARY PORTLAND CEMENT (OPC) CONFORMING TO IS:8112.
6. CLEAR COVER TO CONCRETE SHALL BE AS FOLLOWS:

DESCRIPTION	TOP	BOTTOM	SIDES
PLINTH BEAM	40	50	40
BASE SLAB	30	30	50
WALL	50		50

7. LAP LENGTH (Ld) FOR REINFORCEMENT SHALL BE AS PER DWG. 5517–3–00–002 BAR BEING LAPPED AND ALL SPLICES SHALL BE STAGGERED

REINFORCEMENT IS CALLED UP AS THUS :

5–16ϕ–200 –T&B–B/W

- NUMBER OF BARS
- BAR SIZE
- TYPE OF STEEL (TOR–Fe 500)
- BAR SPACING (CENTERS)
- TOP BAR
- BOTTOM BAR
- BOTHWAYS

LEGEND:

℄	– CENTER LINE	PB.	– PLINTH BEAM
DIA	– DIAMETER	PED.	– PEDESTAL
EL	– ELEVATION	TYP	– TYPICAL
C	– COLUMN	THK	– THICKNESS
		TOC	– TOP OF CONCRETE

REFERENCE DRAWINGS

(CONSTRUCTION)

5517–3–00–002–R0 – GENERAL NOTES FOR CONCRETE WORKS
TB–2–306–316–210–R5 – AGRA CONVERTER STATION– MAIN SERVICE BUILDING ARCHITECTURAL PLAN EL(+)0.275 LVL
TB–2–306–316–210–R5 – ARCHITECTURAL PLAN AT EL(+)5.775 LVL.
TB–2–306–316–210–R5 – ARCHITECTURAL PLAN AT EL(+)11.275 LVL.
5517–3–43–004–R0 – ARCHITECTURAL PLAN AT EL(+)16.775 LVL.
5517–3–43–005–R0 – ARCHITECTURAL PLAN & ELEVATION
5517–3–43–006–R0 – ARCHITECTURAL ELEVATION
5517–3–43–007–R0 – ARCHITECTURAL SECTIONS
5517–3–41–001 – COLUMN DIMENSIONS AND LEVEL
5517–3–40–011 – PLINTH BEAM DETAILS SHEET–1
5517–3–40–012 – PLINTH BEAM DETAILS SHEET–2
5517–3–40–013 – PLINTH BEAM DETAILS SHEET–3
5517–3–40–014 – PLINTH BEAM DETAILS SHEET–4
5517–3–50–100 – FOUNDATION PLAN DIMENSIONS & LEVELS(PO–1)
5517–3–50–101,102 – FOUNDATION DETAILS SHEET–1 & 2
5517–3–50–200 – FOUNDATION PLAN DIMENSIONS & LEVELS(PO–2)
5517–3–50–201,202 – FOUNDATION DETAILS SHEET–1 & 2

(ENGINEERING)

1JNL100409–604–R2 – OVERALL G.A LAYOUT – AGRA

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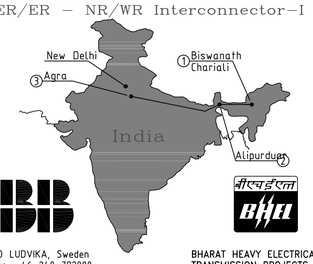

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AGRA CONVERTER STATION MAIN SERVICE BUILDING

PLINTH BEAM PLAN DIMENSIONS AND LEVELS

Rev.ind	Revision	Year	Week	Appd.	Date	Drawn by	Checked by	Scale (A1–Print)	Drawing No.	Rev
–	–	–	–	–	10.08.2012	KG/ARA	RMB/ASN	1:1	5517– 3–40–010	R0