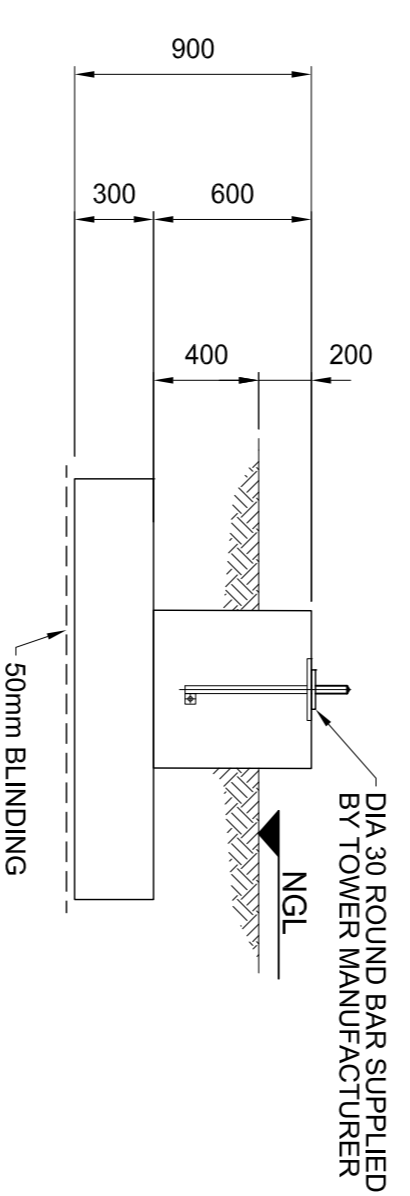
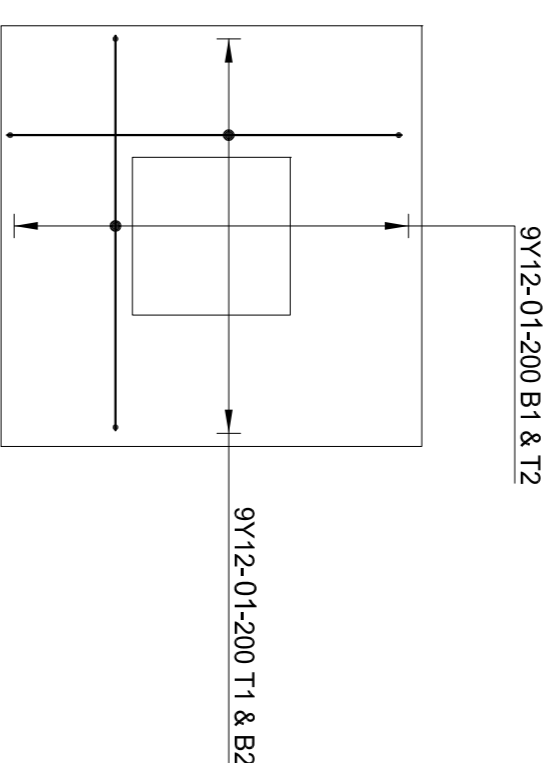


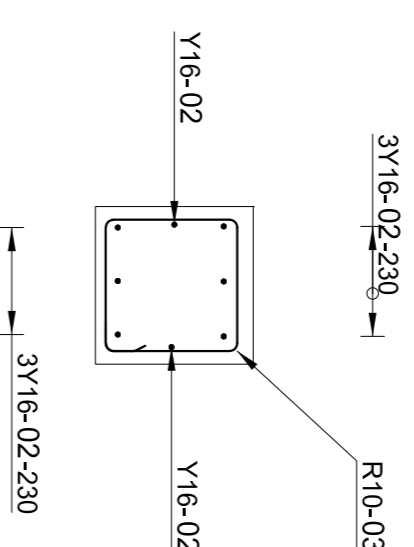
PLAN ON FOUNDATION
SCALE 1 : 30



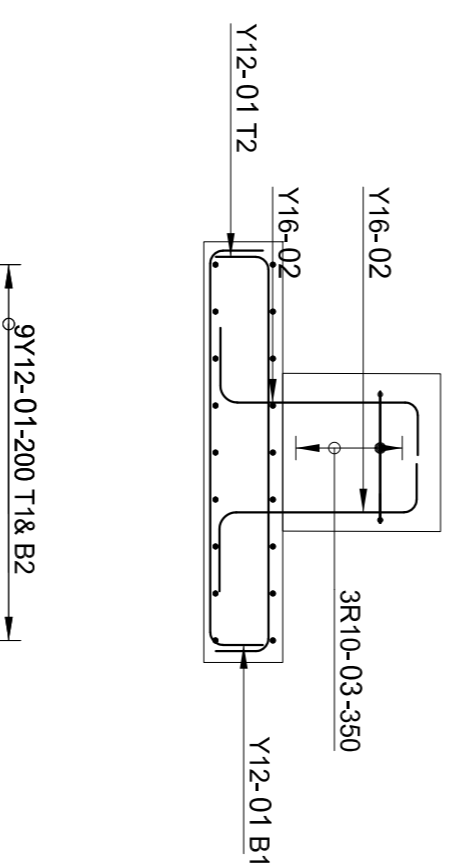
TYPICAL SECTION
SCALE 1 : 30



PLAN
SCALE 1 : 30



PLAN ON STUB REBAR
SCALE 1 : 30



TYPICAL SECTION
SCALE 1 : 30

MEMBER OF BARS	NO	NO	NO	DIA	CUT LENGTH	TOTAL	BAR MARK	SC	A	B	C	D	ER	kg
Type 1	1	36	Y12	1650	36	01	38	200	1500					59
	1	8	Y16	1200	8	02	54	300	750					15
	1	3	R10	2150	3	03	60	500	500					4
TOTAL														78

	R	8	10	12	16	20	25	32	40	TOTAL
Y			4	59	15					78
TOTAL			4	59	15					78

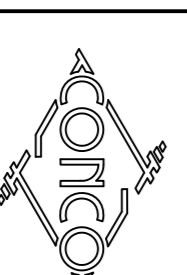
QUANTITIES :

- a.) CONCRETE VOLUME : 1.00 m³
- b.) BACKFILL : 0.90 m³
- c.) EXCAVATION VOLUME : 1.80 m³
- d.) SHUTTER AREA : 3.40 m²
- e.) REBAR WEIGHT : 78 kg

FOUNDATION LOADS (FACTORED) :

VERTICAL FORCE = 460 kN
HORIZONTAL SHEAR = 100 kN

- NOTE:
1. CONCRETE GRADE MINIMUM 25MPa 19mm STONE.
 2. SPLICE LENGTH OF REBAR TO BE 50 DIA.
 3. ALL WORK TO COMPLY WITH SABS 1200 AND TAMSCAA5.2 SPECIFICATIONS.
 4. DO NOT SCALE DRAWING – REBAR DIMENSION AND POSITION INDICATIVE ONLY.
 5. MINIMUM CONCRETE COVER TO BE 50mm.
 6. BENDING DIMENSIONS IN ACCORDANCE WITH SANS 282:2011



CONSOLIDATED POWER PROJECTS

37 RICHARDS DRIVE
HALFWAY HOUSE, 1665
PRIVATE SAC X42
HALFWAY HOUSE, 1665
Tel: (011) 805-4281/2/3
Telefax: (011) 805-1132
E-Mail: conc@conco.co.za

CONTRACT: KOMSBERG – HIDDEN VALLEY
132KV OVERHEAD LINE

GENERAL ARRANGEMENT AND DETAILS
FOUNDATION TYPE 1

REV	DATE	DESCRIPTION	BY	CHKD
0	30/06/20	ISSUED FOR CONSTRUCTION		

Van den Ende & Associates (CR 661086273)
Consulting Engineers CC
P.O. Box 970 Bredaerstroum 0240
Tel: +2712 2441227/35 Fax: +2712 2440030
VAT No: 4860156256