

BAR SCHEDULE - EXTENDED CHIMNEY (+50cm)										
Member	Bar mark	Type and size	No. of bars	Length of each bar mm	Shape code	A mm	B mm	C mm	D mm	E/R mm
Chimney	1	X16	8	4150	37	250	3880	—	—	—
Chimney	2	X8	15	2200	61	520	520	—	—	—
Chimney	3	X8	6	1650	61	380	380	—	—	—
Pod	4	X16	60	3400	38	200	3000	200	—	—
SUMMARY OF MATERIALS AND WORKS (ONE LEG)							ø16	ø8		
Total length per dia. :						m	237.2	42.9		
Unit weight of reinforcing steel :						kg	1.579	0.395		
Total weight of reinforcing steel (per dia) :						kg	374.5	169.4		
Total weight of reinforcement :						391.9 Kg				
Excavation : 30.464 m ³						Concrete :		4.518 m ³		
Backfilling : 26.324 m ³						Blinding :		0.673 m ³		

GENERAL NOTES:

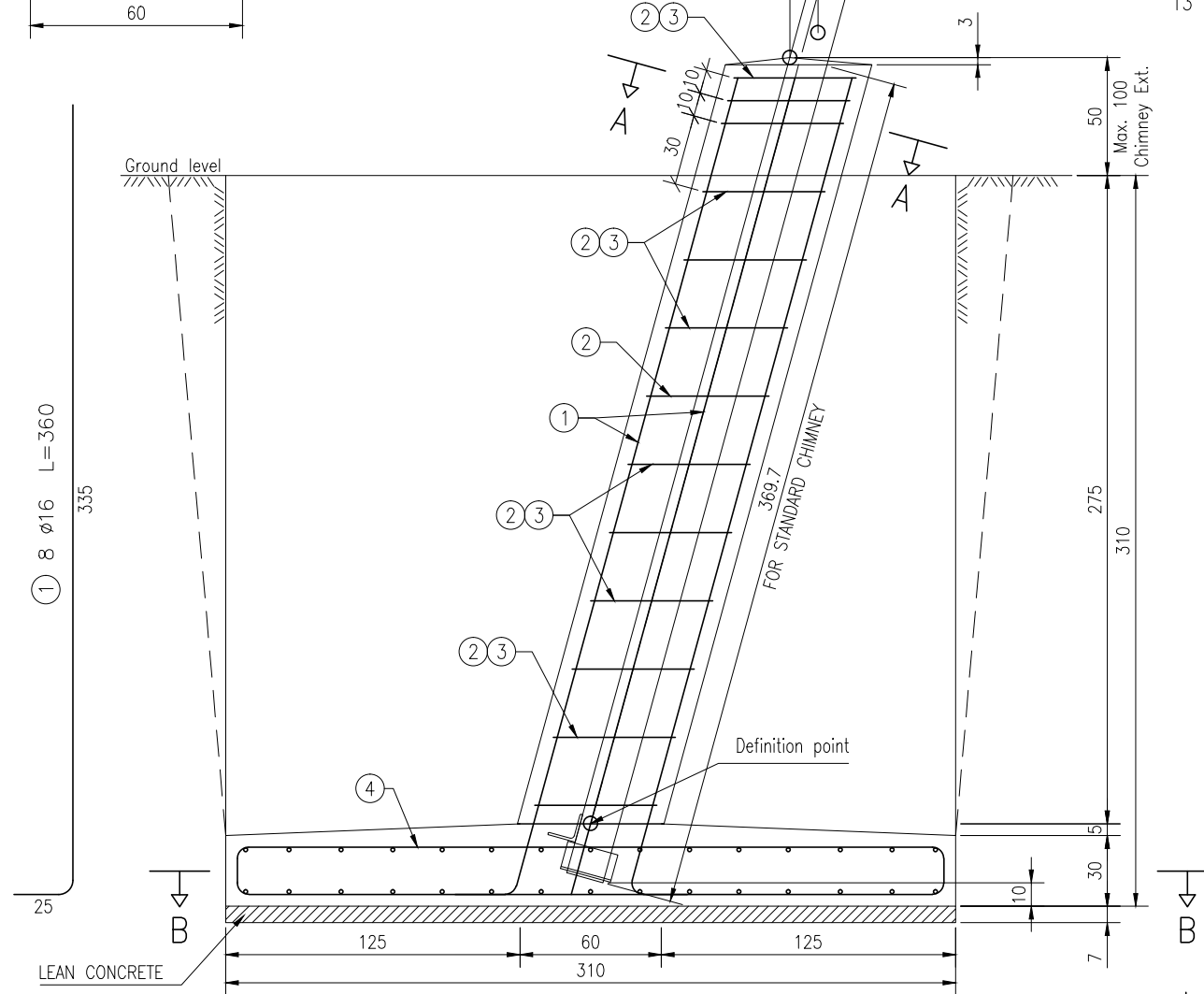
1. DIMENSIONS IN cm OR AS SPECIFIED.
2. STUB ANGLE DRAWING NO. 100008-L1-DG-ST32.
3. DIMENSION $a_0, b_0, d_0, a_1, b_1, d_1, a_2, b_2, d_2, a_3, b_3, d_3$ TO BE CHECKED WITH TOWER'S ERECTION DRAWINGS.
4. THIS FOUNDATION SHALL BE USED IN LOCATION WHERE THE ALLOWABLE BEARING CAPACITY OF THE SOIL IS BETWEEN 1.3 daN/cm^2 AND 2 daN/cm^2 , ACCORDING TO GEOTECHNICAL SURVEY REPORT.

CONCRETE MATERIAL:

1. MINIMUM 28 DAYS COMPRESSIVE STRENGTH: 25 N/mm².
2. CONCRETE COVER: 5 cm.
3. LEAN CONCRETE SHALL HAVE THE FOLLOWING RATIO OF
CEMENT : FINE AGGREGATE : COARSE AGGREGATE = 1 : 3 : 5, MEASURED BY VOLUME.

REINFORCING STEEL MATERIAL:

1. ϕ = REBAR DIAMETER IN mm.
2. REINFORCED CONCRETE DESIGN, BAR SCHEDULE, DETAILING AND EXTENSIONS OF REBARS WILL BE ACCORDING TO BS 8110 AND BS 4466. REBAR EXTENSION BY OVERLAPPING ON 50 DIA.
3. MAIN REINFORCEMENT SHALL BE DEFORMED BARS OF HIGH TENSILE STEEL WITH MINIMUM YIELD STRENGTH: $F_y=500$ N/mm².
4. LINKS SHALL BE OF PLAIN BARS OF MILD STEEL WITH MINIMUM YIELD STRENGTH: $F_y=240$ N/mm².

[illegible]