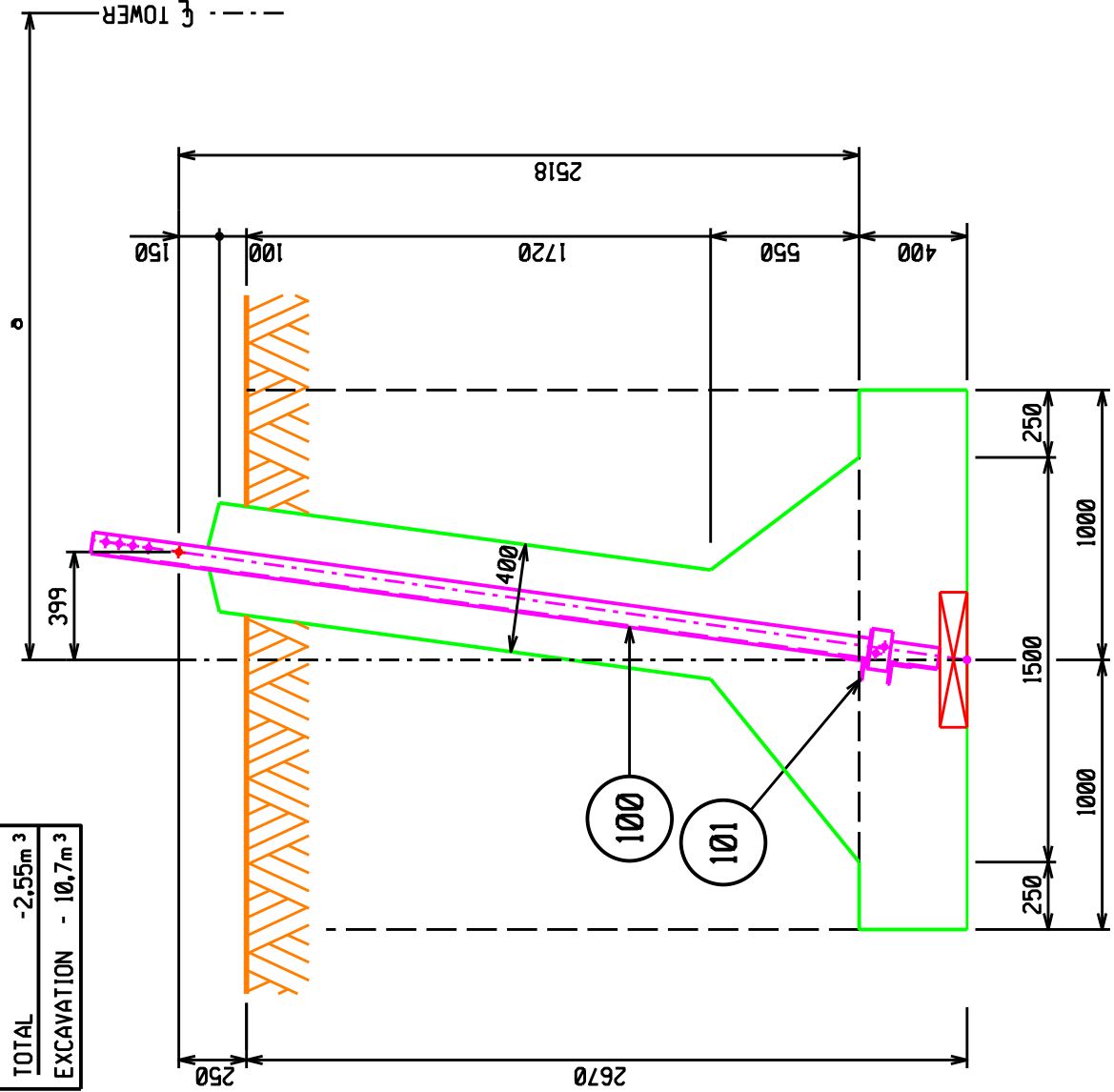
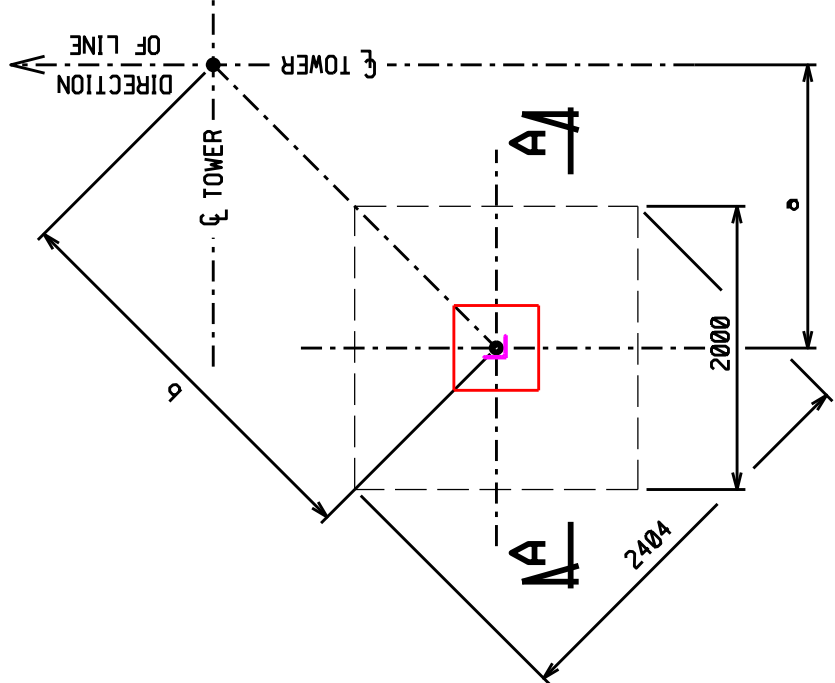


VOLUMES PER LEG	
CONCRETE	
1st POUR	- 1.60m ³
2nd POUR	- 0.95m ³
TOTAL	- 2.55m ³
EXCAVATION	- 10.7m ³

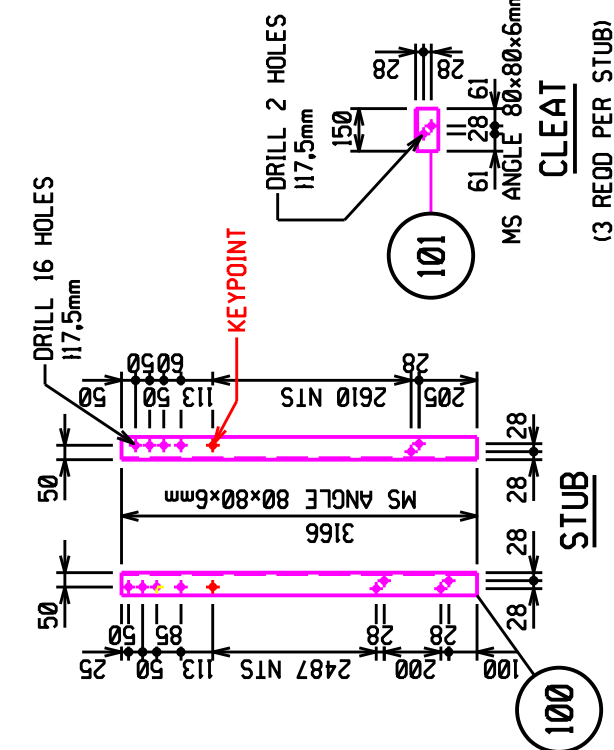


SECTION A-A



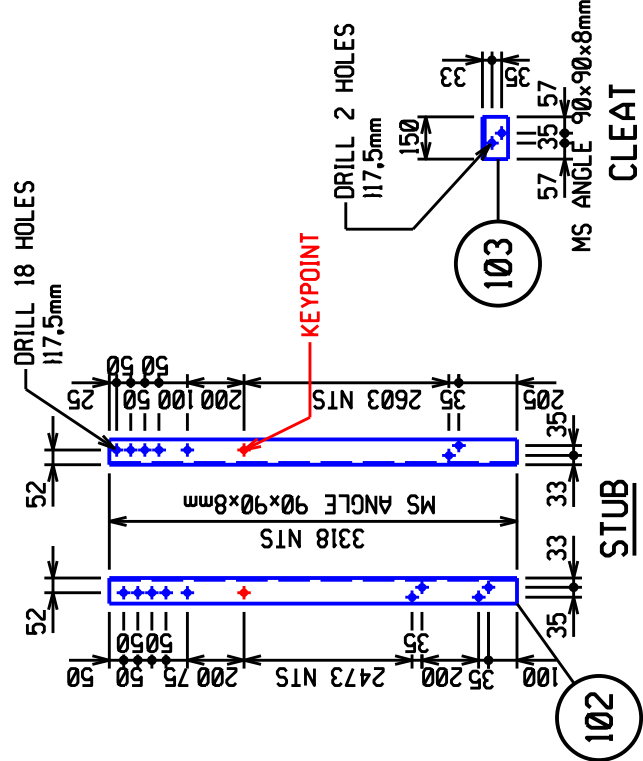
CONCRETING AND
SETTING OUT DETAILS AT GROUND LEVEL

NTS



STUB DETAILS

THIS STUB IS USED FOR ALL TOWERS UP TO +20' EXT
INCLUDING :0.0 LEG FOR THE -4.0m BODY



STUB DETAILS

THIS STUB IS USED FOR THE +30', +40', +50', +60' EXT

CONDITION	-4.0m BODY		:0.0' BODY		+10' EXT		+20' EXT		+30' EXT		+40' EXT		+50' EXT		+60' EXT	
	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b
-6' LEG EXTENSION			2679	3789	3096	4378	3513	4968								
-3' LEG EXTENSION			2804	3965	3221	4555	3638	5145								
-0.0' LEG	2382	3369	2929	4142	3346	4732	3763	5322	4181	5913	4598	6583	5815	7892	5432	7682
+1.0m LEG EXTENSION										4317	6105					
+3' LEG EXTENSION			3064	4319	3471	4909	3888	5498								
+6' LEG EXTENSION			3179	4496	3596	5086	4013	5675								
+9' LEG EXTENSION			3304	4673	3721	5262	4138	5852								

REINFORCING

DETAILS

NTS

NOTES

- 1 CONSTRUCTION WORK TO COMPLY WITH ESKOM SPECIFICATION 240-47172520
- 2 25 MPa CONCRETE MIX.
- 3 50mm CONCRETE COVER TO REINFORCEMENT.
- 4 ALL REINFORCEMENT BENDING SHALL COMPLY WITH SANS 282.
- 5 REINFORCING GRADE TO SANS 920.
- 6 STUB GRADE S355JR TO SANS 1431.
- 7 ALL BOLTS SHALL COMPLY WITH SANS 121.
- 8 ALL STEEL REINFORCING SHALL BE STRAPPED TOGETHER FORMING ONE BUNDLE.

43/44	-4.0m BODY
39	-1.0m LEG FOR -20' BASE EXT
38	-1.0m LEG EXT FOR -4.0m BODY
37	+3' LEG EXT
36	+6' LEG EXT
35	+3' LEG EXT
34	+3' LEG EXT
33	-3' LEG EXT
32	-6' LEG EXT
29	STIRRUPS FOR UP TO -20' EXT
25	+30' BASE EXT
24	+60' BASE EXT
23	+50' BASE EXT
22	+40' BASE EXT
21	STIRRUPS FOR -20' TO -40' EXT
17	+10' BASE EXT
15	+20' BASE EXT
4/5	:0.0' BODY
2	:0.0' LEG EXT
0.51/222NV REFERENCE DRAWINGS VIEW/SECTION	

TOWER TYPE 222N
SOIL TYPE 2 AND 3
TRADITIONAL FOUNDATION
LAYOUT AND DETAILS

CHECKED	AUTHORIZED
G. PILLAY 12/08/2020	P. D. CHETTY 12/08/2020
DRAWN	
S. NSELE 07/07/2020	
SCALE	1:100



SET	SHEET	REVISION
16	06	00

ER00222