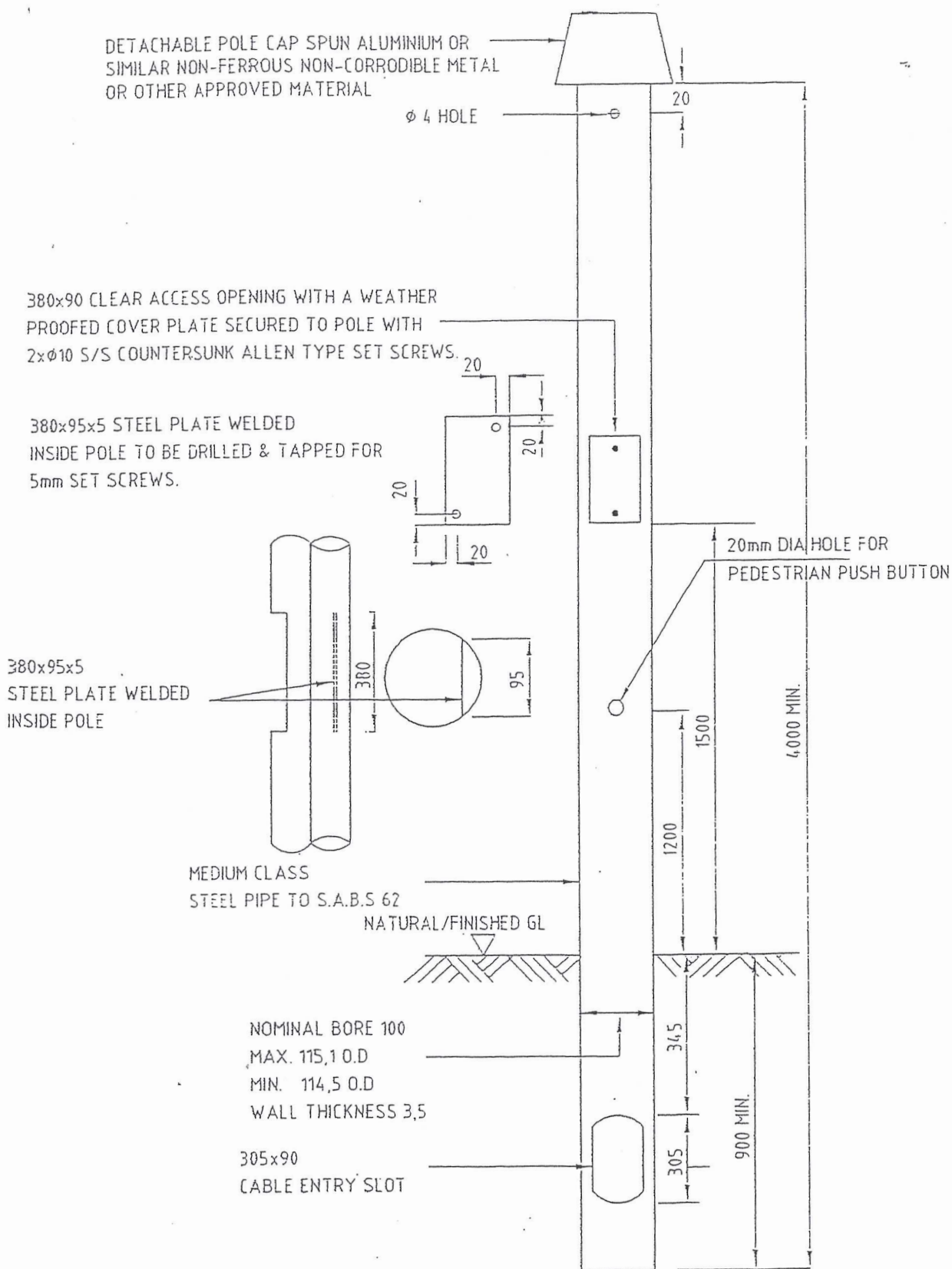


SPECIFICATION DRAWINGS

FOR: POLES, PED. BUTTONS
STUBBYS, EXTENSION PLATES &
CANTERLEVER POLES

PAUL BOWINS

CMA SPECIFICATIONS FOR TRAFFIC SIGNALS



NOTE: 1. POLE AND ACCESS COVER PLATE TO BE
HOT- DIP GALVANIZED AFTER FABRICATION
2. CONTRACTOR TO CHECK DIMENSIONS ON SITE BEFORE
FABRICATION

N.T.S

Figure 1 4

STANDARD POLE FOR MOUNTING TRAFFIC LIGHTS

CMA SPECIFICATIONS FOR TRAFFIC SIGNALS

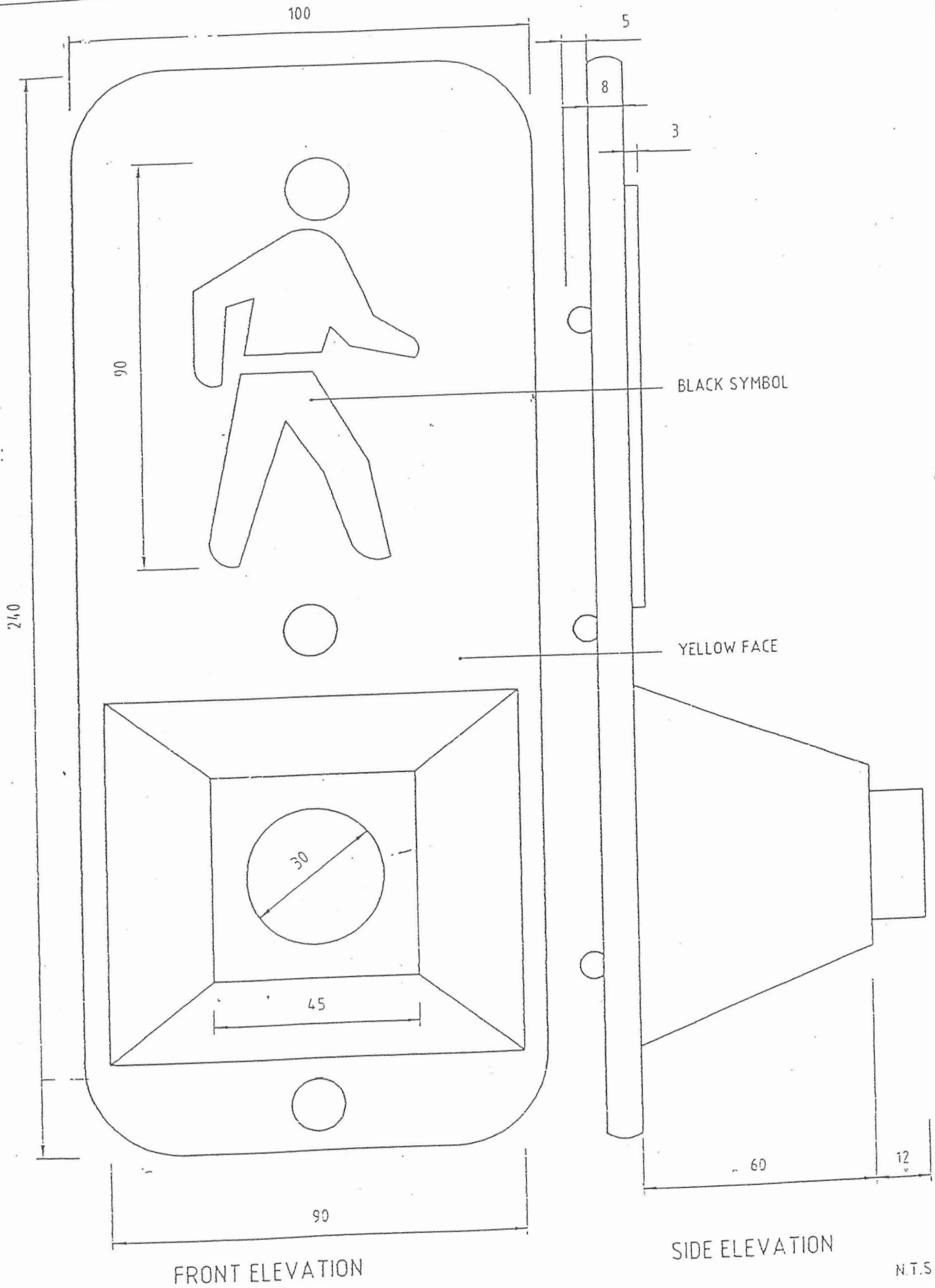
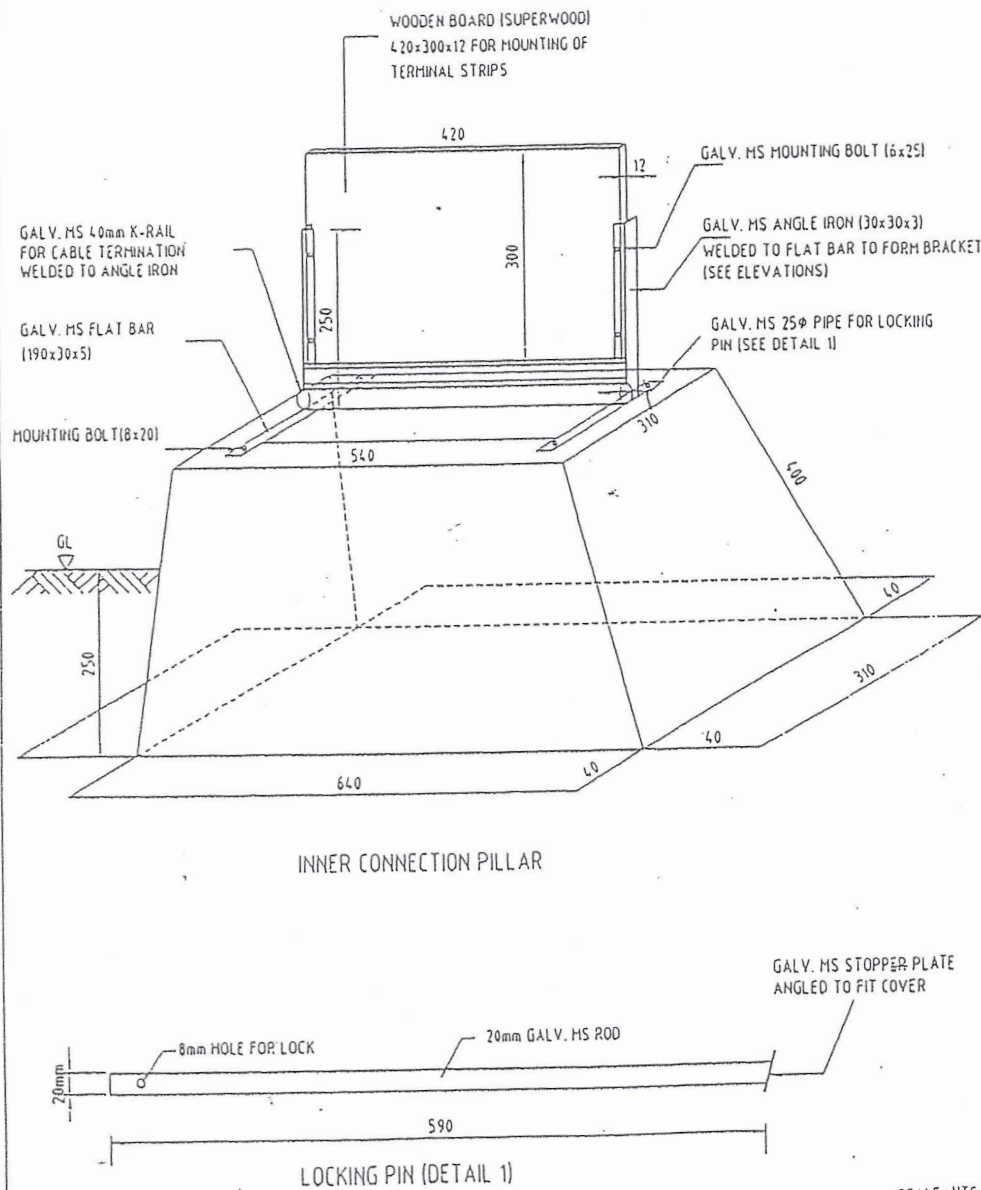


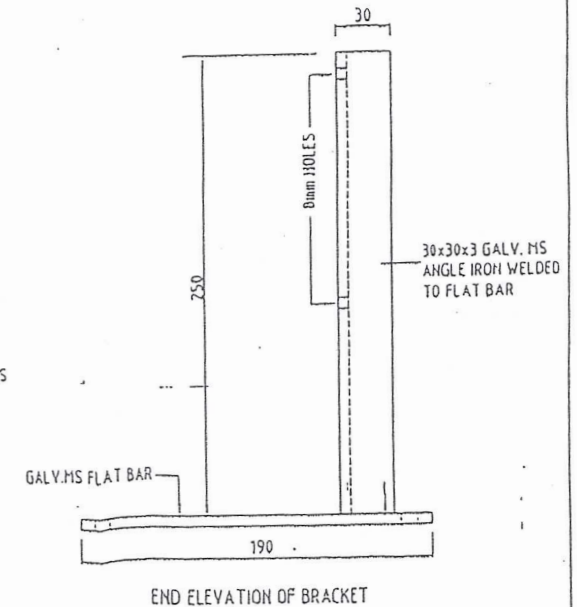
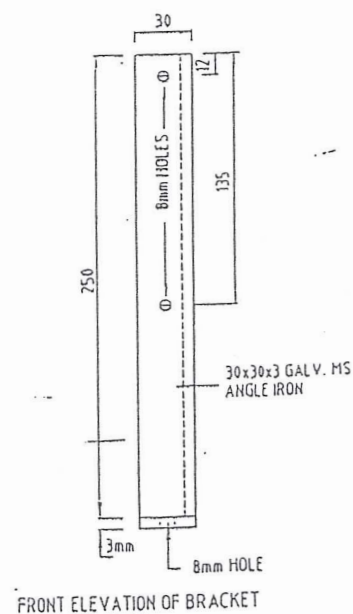
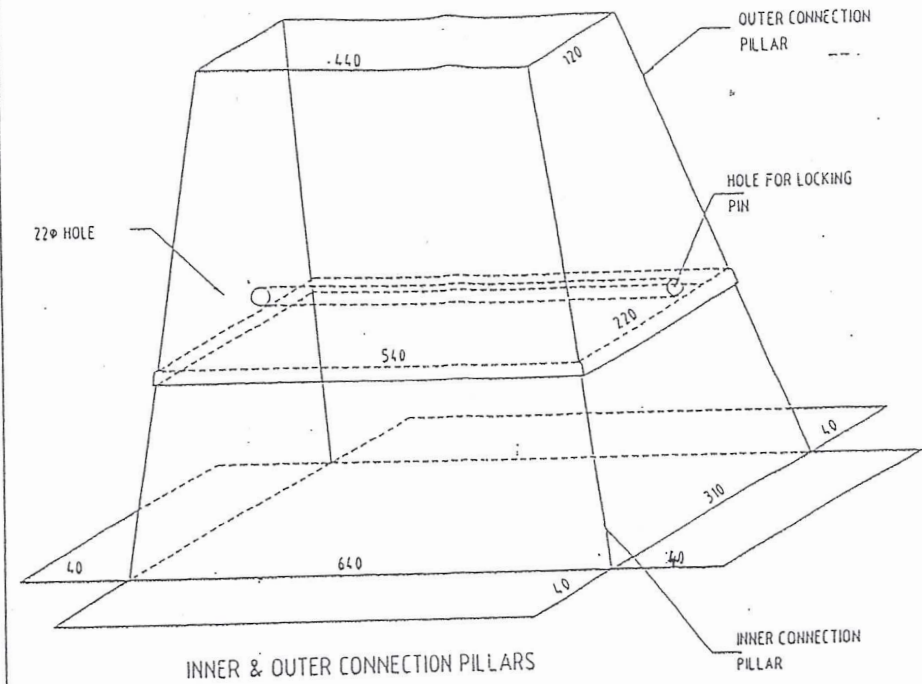
Figure : 3

PEDESTRIAN PUSH BUTTON ASSEMBLY

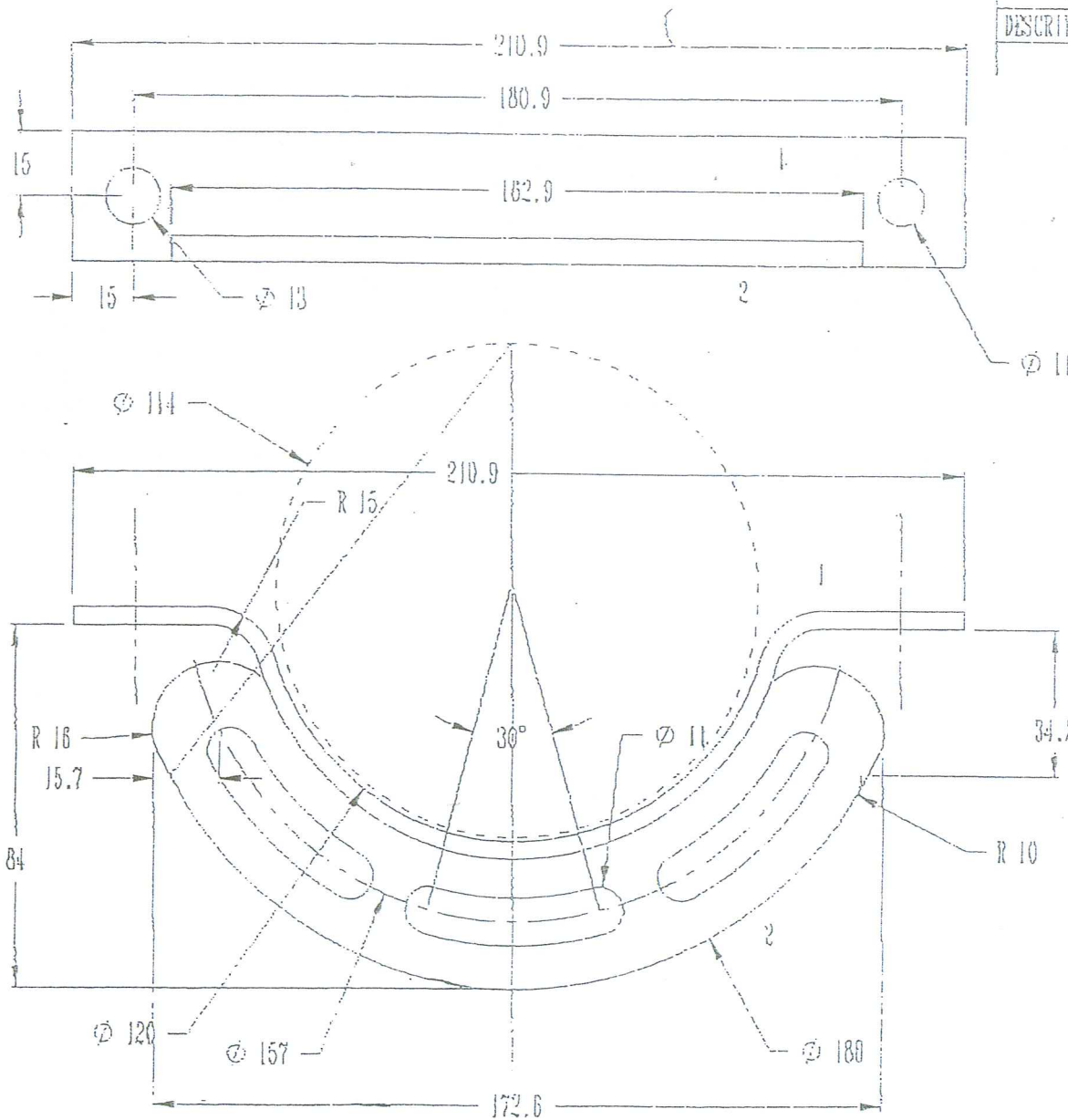
N.T.S



SCALE: HTS



DISTRIBUTION PILLAR



BOLTS AND NUTS		MATERIAL LIST				
DESCRIPTION	QTY.	ITEM	DESCRIPTION	LENGTH (MM)	QTY.	MASS (KG)
		1	PLAT 30 X 4	200	1	
		2	PLATE 6MM	84 X 160	1	
					TOT.	

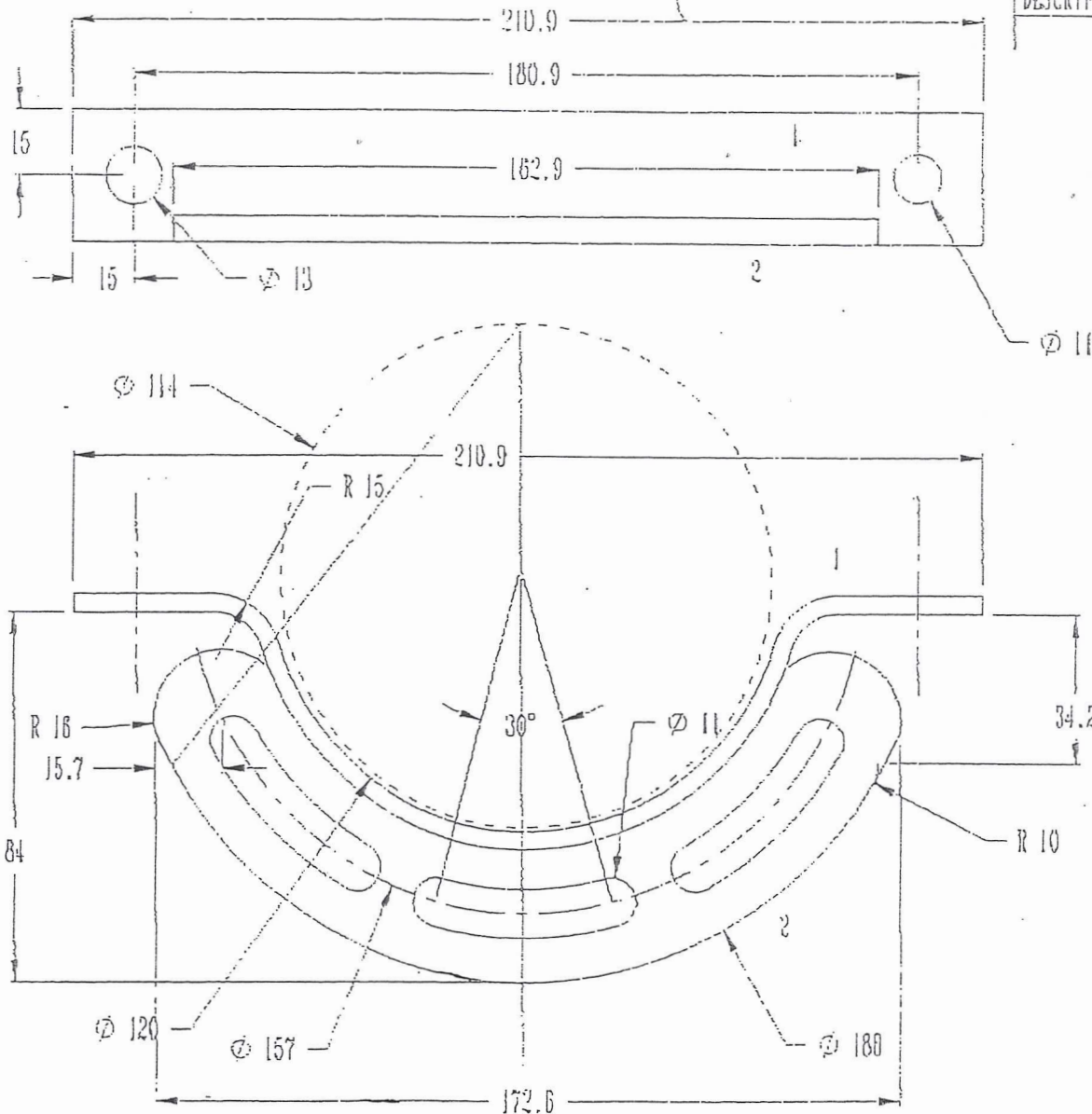
NOTE 1. WELDING SYMBOLS IN ACCORDANCE WITH
"CODE OF PRACTICE FOR WELDING" SABS 044 PART 11
2. GEOMETRICAL TOLERANCES ARE IN ACCORDANCE WITH
"ENGINEERING DRAWING PRACTICE HS 308 PART 3
3. DRAWING PREPARED IN ACCORDANCE WITH
CODE OF PRACTICE FOR ENGINEERING DRAWING SABS 0111
WHERE FORM AND POSITIONAL TOLERANCES AND
ASSOCIATED DATUM FEATURE APPLY REGARDLESS OF
FEATURE SIZE UNLESS MODIFIED BY A

4. Bracket to be galvanised and sprayed black
5. Each bracket to be supplied with:

- 6 * 8*30mm Stainless steel bolts
- 6 * Stainless steel nyloc nuts
- 6 * Stainless steel spring washers
- 12 * Stainless steel flat washers

TITLE		CLAMP FOR 114MM POLE	
COMPANY		CITY OF CAPE TOWN	
DRAWN	A.C. SMITH	DRAWING/	DIM. IN MM
DATE	06/08/01	PART NO.	1:2
CHECKED		CLAMP	SCALE
APP.			

REVISION					
NO.	ITEM	DESCRIPTION	DATE	SIGN	APP.



BOLTS AND NUTS		MATERIAL LIST			
DESCRIPTION	QTY.	ITEM	DESCRIPTION	LENGTH (MM)	QTY.
		1	PLAT 30 X 4	260	1
		2	PLATE 6MM	84 X 160	1
					TOT.

NOTE 1. WELDING SYMBOLS IN ACCORDANCE WITH
 "CODE OF PRACTICE FOR WELDING" SABS 044 PART 1;
 2. GEOMETRICAL TOLERANCES ARE IN ACCORDANCE WITH
 "ENGINEERING DRAWING PRACTICE HS 306 PART 3
 3. DRAWING PREPARED IN ACCORDANCE WITH
 CODE OF PRACTICE FOR ENGINEERING DRAWING SABS 0111
 WHERE FORM AND POSITIONAL TOLERANCES AND
 ASSOCIATED DATUM FEATURE APPLY REGARDLESS OF
 FEATURE SIZE UNLESS MODIFIED BY X

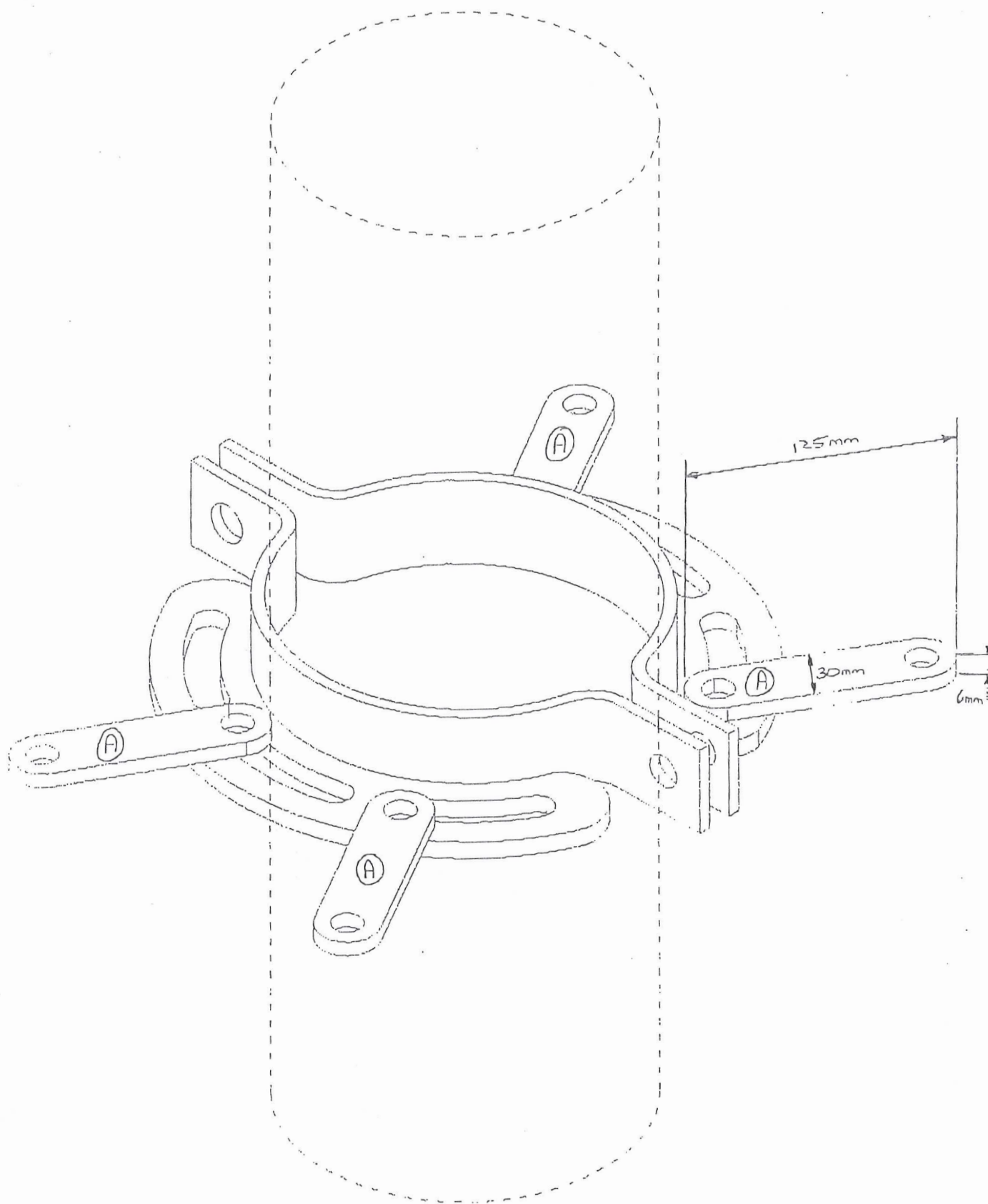
4. Bracket to be galvanised and sprayed black
 5. Each bracket to be supplied with:

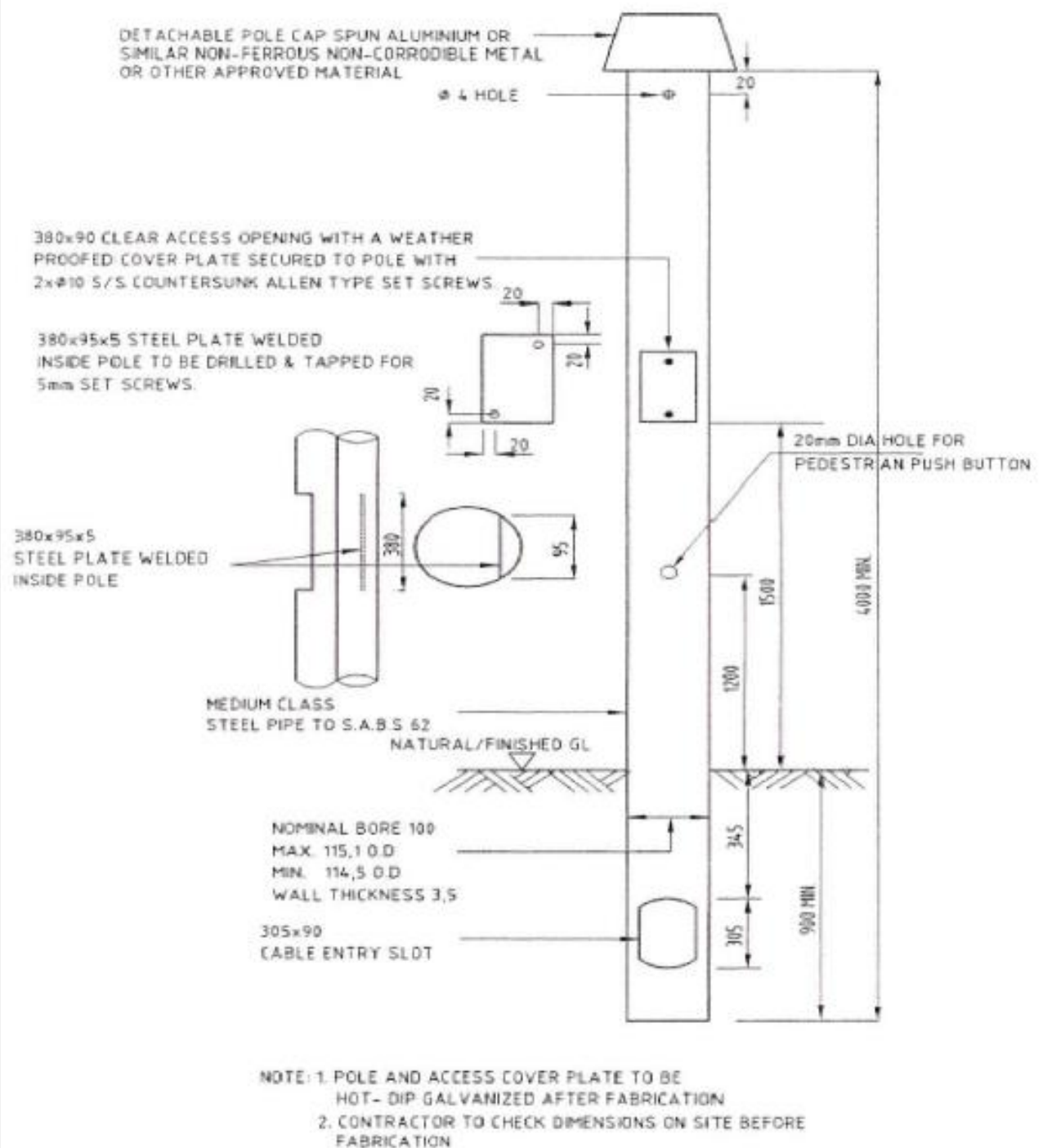
- 6 * 8*30mm Stainless steel bolts
- 6 * Stainless steel nyloc nuts
- 6 * Stainless steel spring washers
- 12 * Stainless steel flat washers

TITLE		CLAMP FOR 114MM POLE	
COMPANY		CITY OF CAPE TOWN	
DRAWN	A.C. SMITH	DRAWING/	DIM. IN MM
DATE	06/08/01	PART NO.	
CHECKED		VL30	1:2
APP.		CLAMP	SCALE

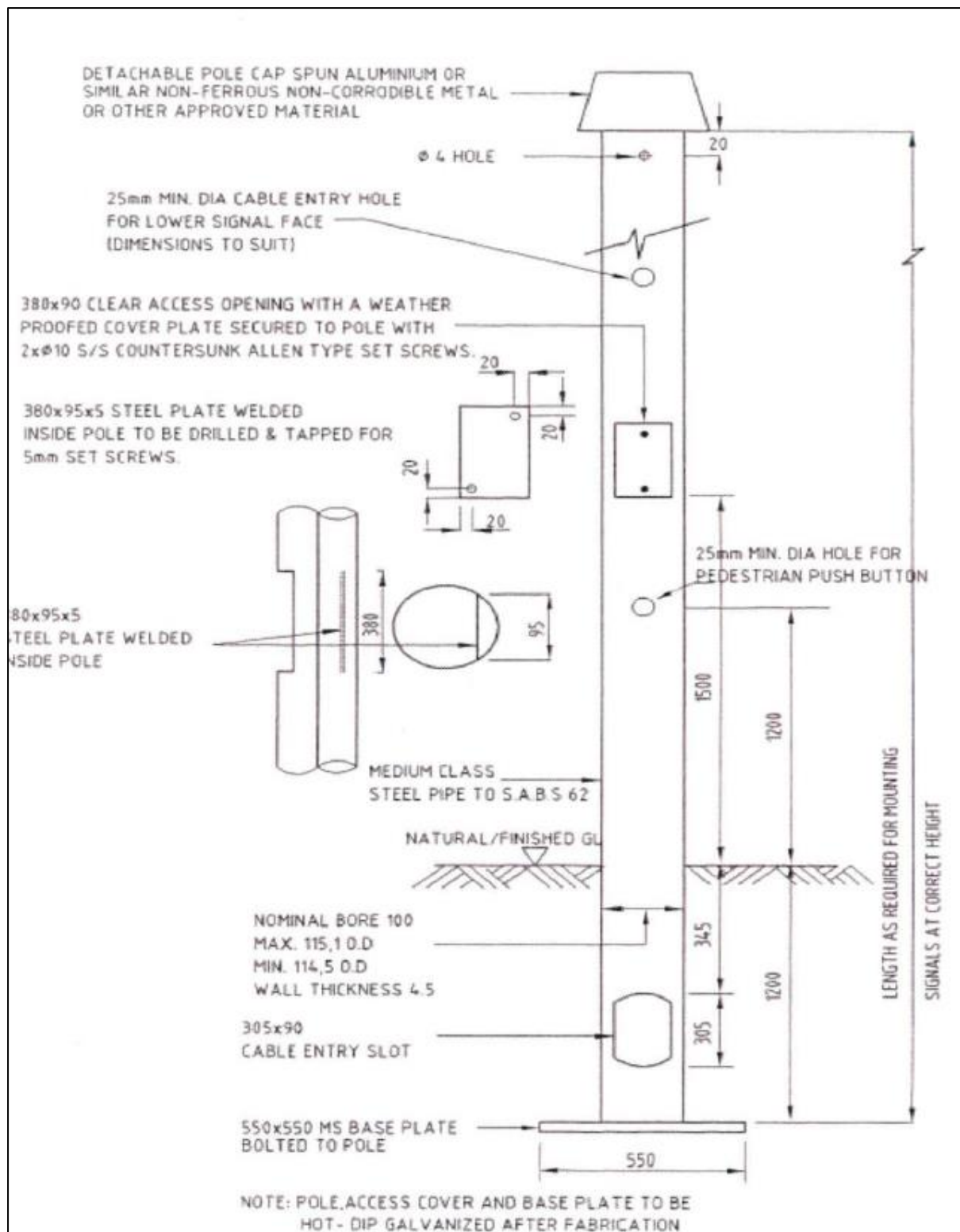
REVISION					
NO.	ITEM	DESCRIPTION	DATE	SIGN	APP.

021 4251860

VL30_B



DRAWING: TSP 1

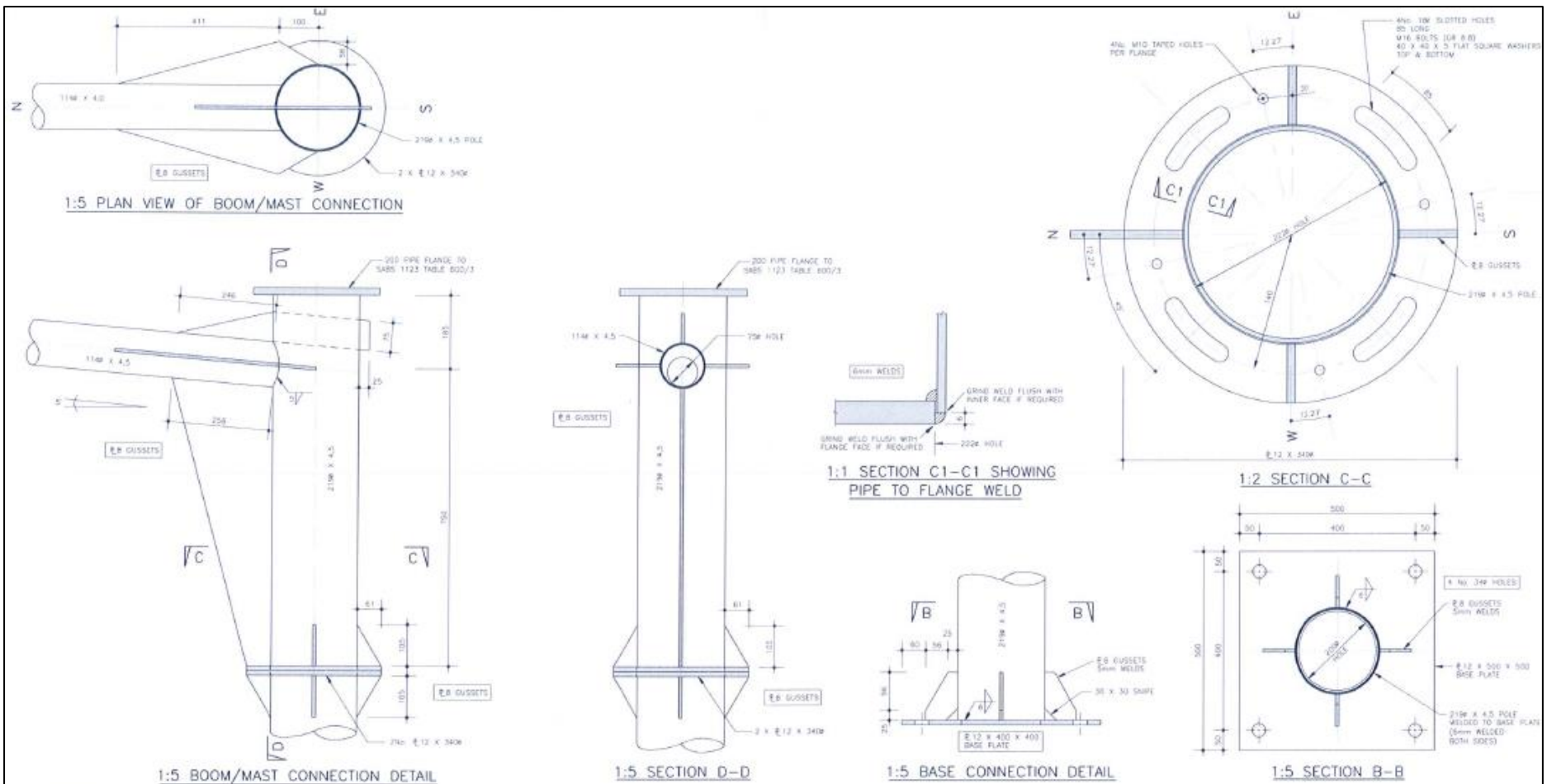


DRAWING: TSP 2

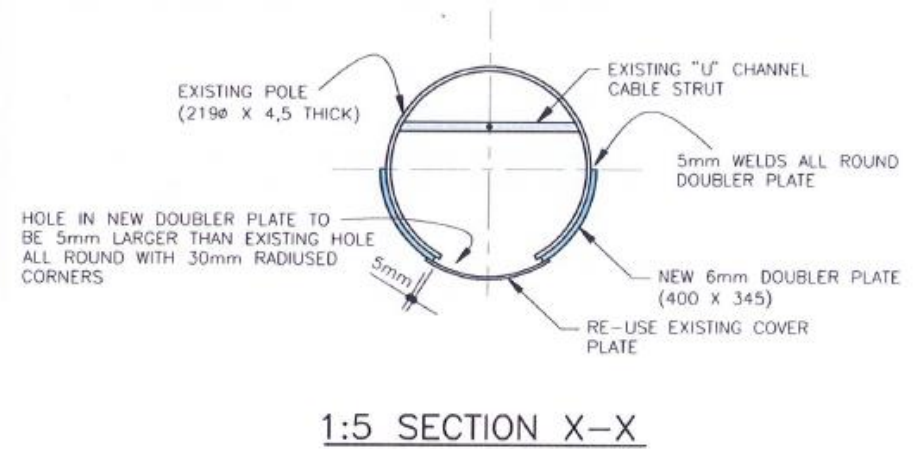
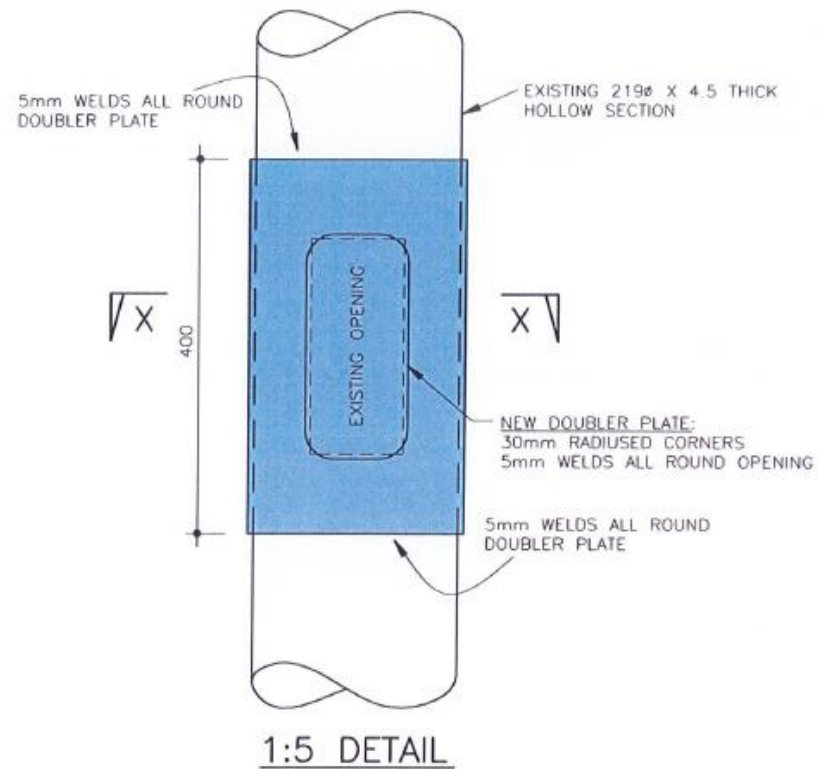


DRAWING: TSP 3a





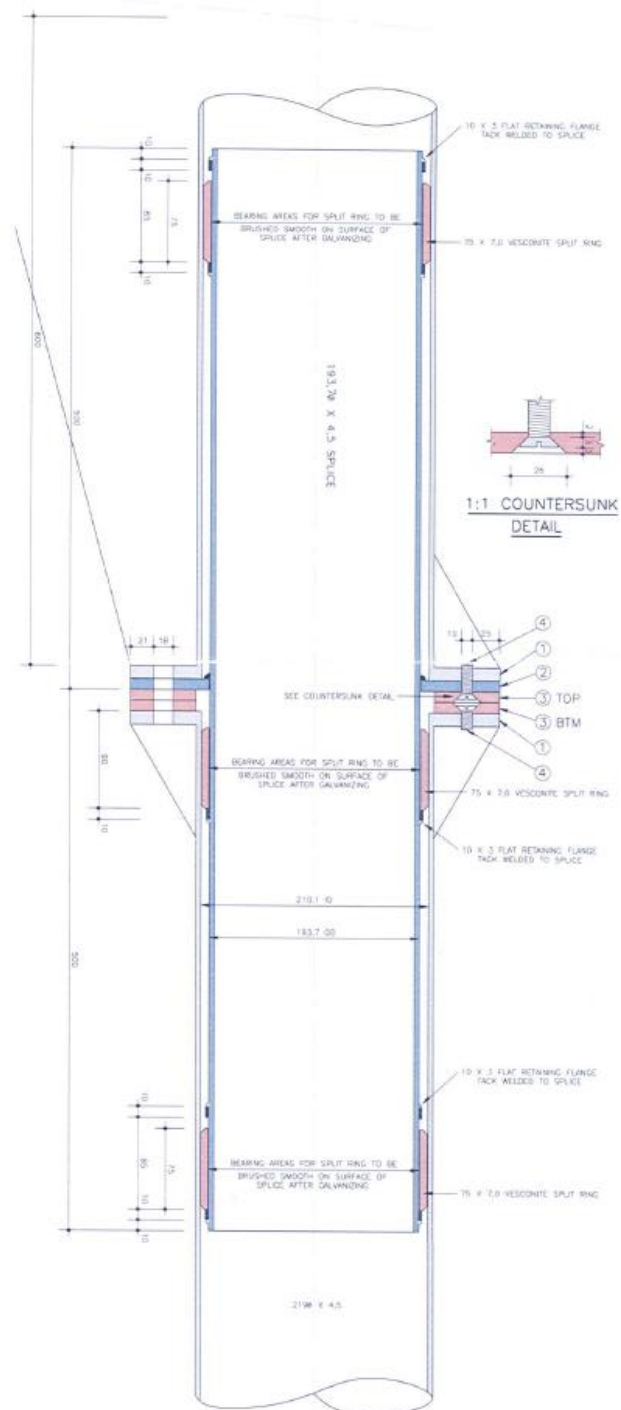
DRAWING: OHP-2



EXISTING CANTILEVER TRAFFIC LIGHT POLE— NEW DOUBLER PLATE

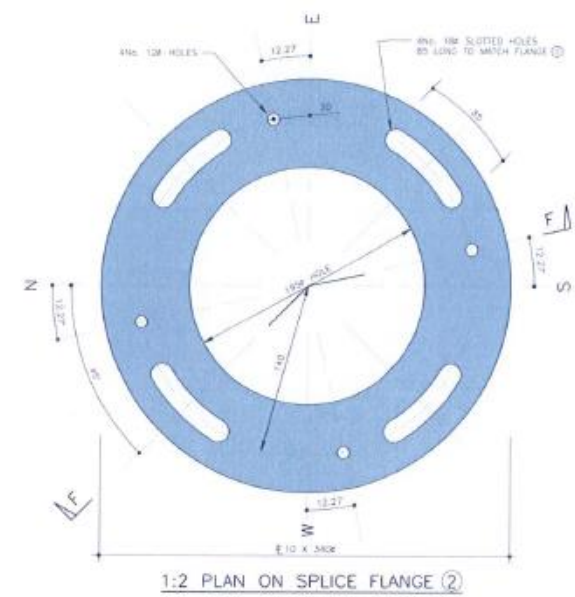
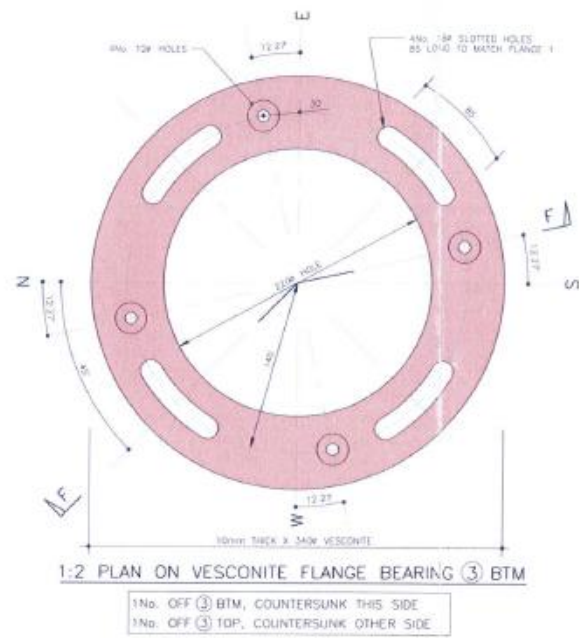
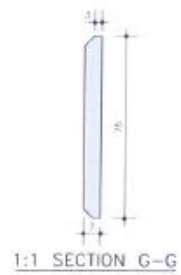
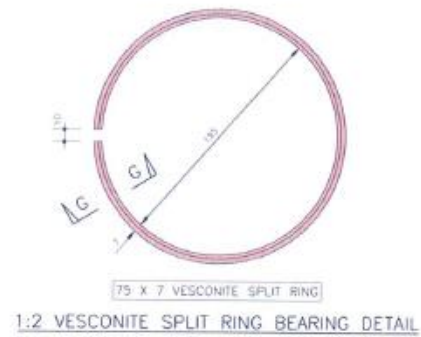
NEW DOUBLER PLATE: OHP-2a

- ① - 212 x 340 OD x 222 ID FLANGE (SEE SECTION E-E DWG. No. 201010/1/P2)
- ② - 210 x 340 OD x 795 ID FLANGE DRILLED TO MATCH FLANGE ①
- ③ - 2 No. 340 OD x 220 ID x 10 THICK VESCORITE FLANGE BEARINGS
- ④ - M10 COB GRUB SCREWS COUNTERSUNK 3mm BELOW BEARING SURFACE

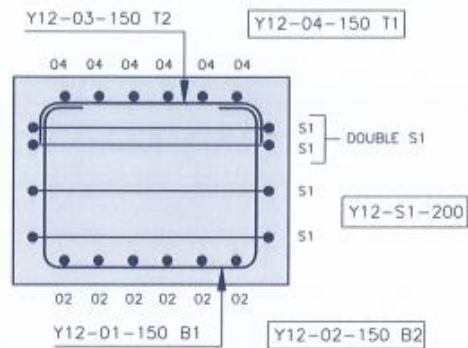


1:2 SECTION F-F SHOWING SWIVEL MECHANISM DETAIL

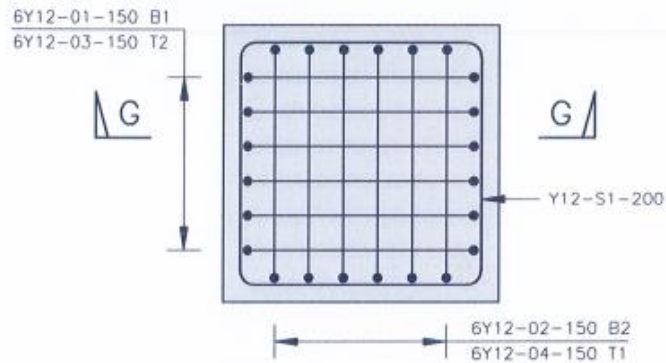
SWIVEL MECHANISM: OHP-2b



SWIVEL MECHANISM: OHP-2c

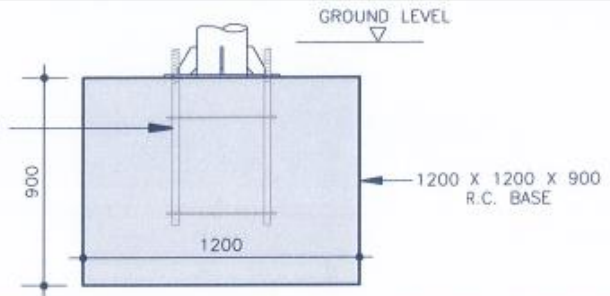


1:20 SECTION G-G SHOWING BASE REINF.



1:20 PLAN SHOWING BASE REINF.

SEE DWG. No. 201010/1/1
FOR BASE ANCHOR BOLT
CAGE DETAIL



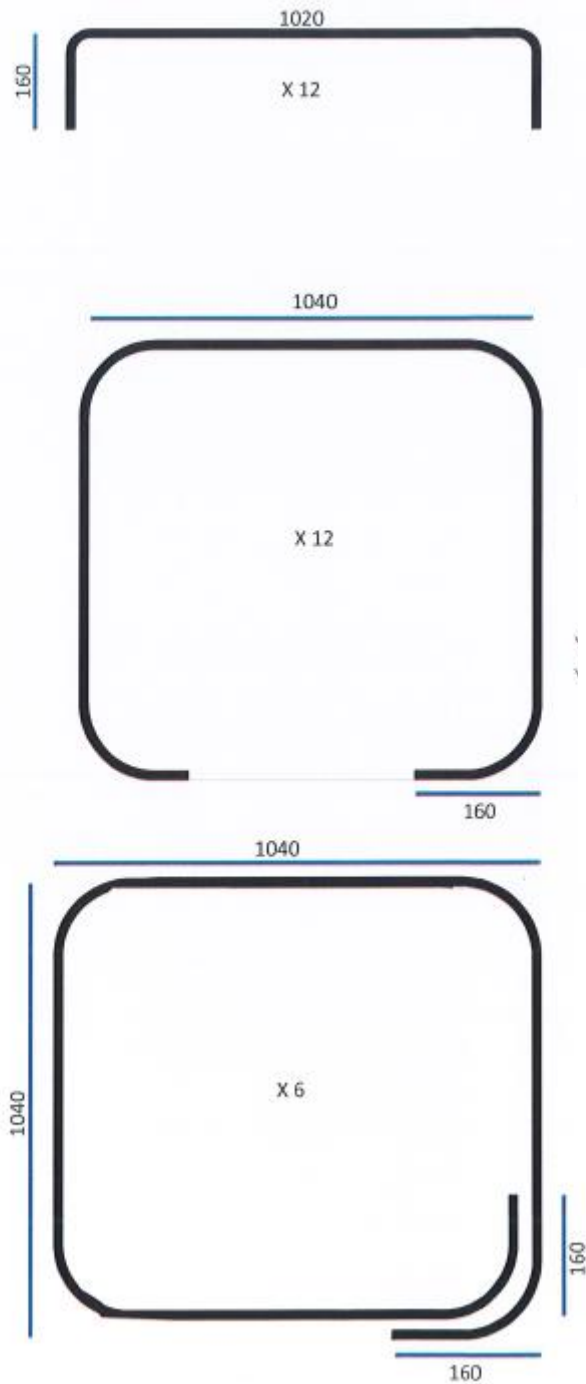
1:20 ELEVATION SHOWING R.C. BASE CONSTR.

BENDING SCHEDULE

Member	No. Off	Bars to Each	Diam	Length	Tot. Bars	Mark	SC	A	B	C	D	E	REV
TRAFFIC SIGNAL POLE R.C. BASE REINF.	1	6	Y12	2800	6	01	55	150	735	1025	735		
		6	Y12	2800	6	02	55	150	735	1025	735		
		6	Y12	1350	6	03	38	150	1025				
		6	Y12	1350	6	04	38	150	1025				
		4	Y12	2800	6	S1	60	1050	1050				
DIA	R8		R10	Y10	Y12		Y16	Y20		Y25		Y32	
MASS	0		0	0	60		0	0		0		0	
TOTAL												60	

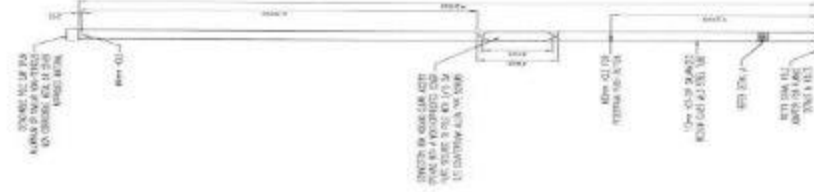
R.C BASE CONST. & REINF: OHP-2d

Re-enforcement steel for overheads

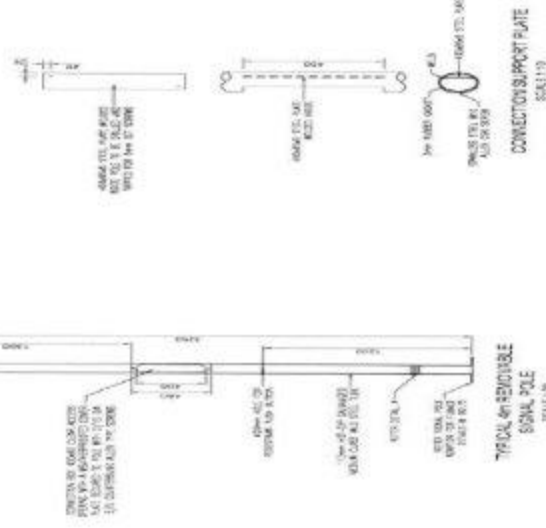


STEEL REINFORCEMENT: OHP-2e

DRAWING NO: RMP A1

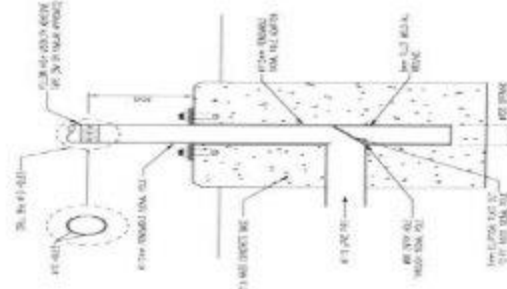
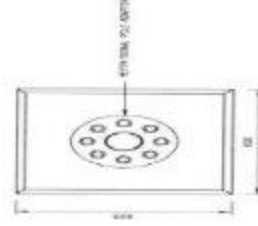


TYPICAL 4m REMOVABLE
SIGNAL POLE
SCALE 1:5

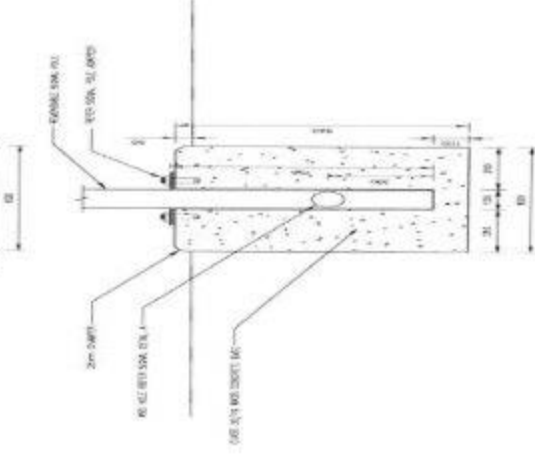


CONNECTION SUPPORT PLATE
SCALE 1:10

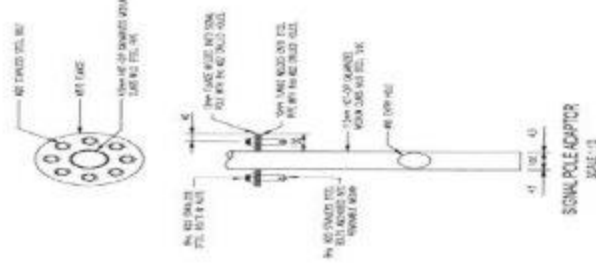
SLOT COVER PLATE
SCALE 1:10



DETAIL C
SCALE 1:5



DETAIL D
SCALE 1:5



SIGNAL POLE ADAPTER
SCALE 1:10

NO.	REVISION	DATE	BY	CHECKED	APPROVED
1	ISSUED FOR TENDER	20/01/2020	...	...	...
2	...	...	...	...	...
3	...	...	...	...	...
4	...	...	...	...	...
5	...	...	...	...	...
6	...	...	...	...	...
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9	...	...	...	...	...
10	...	...	...	...	...



NO.	REVISION	DATE	BY	CHECKED	APPROVED
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