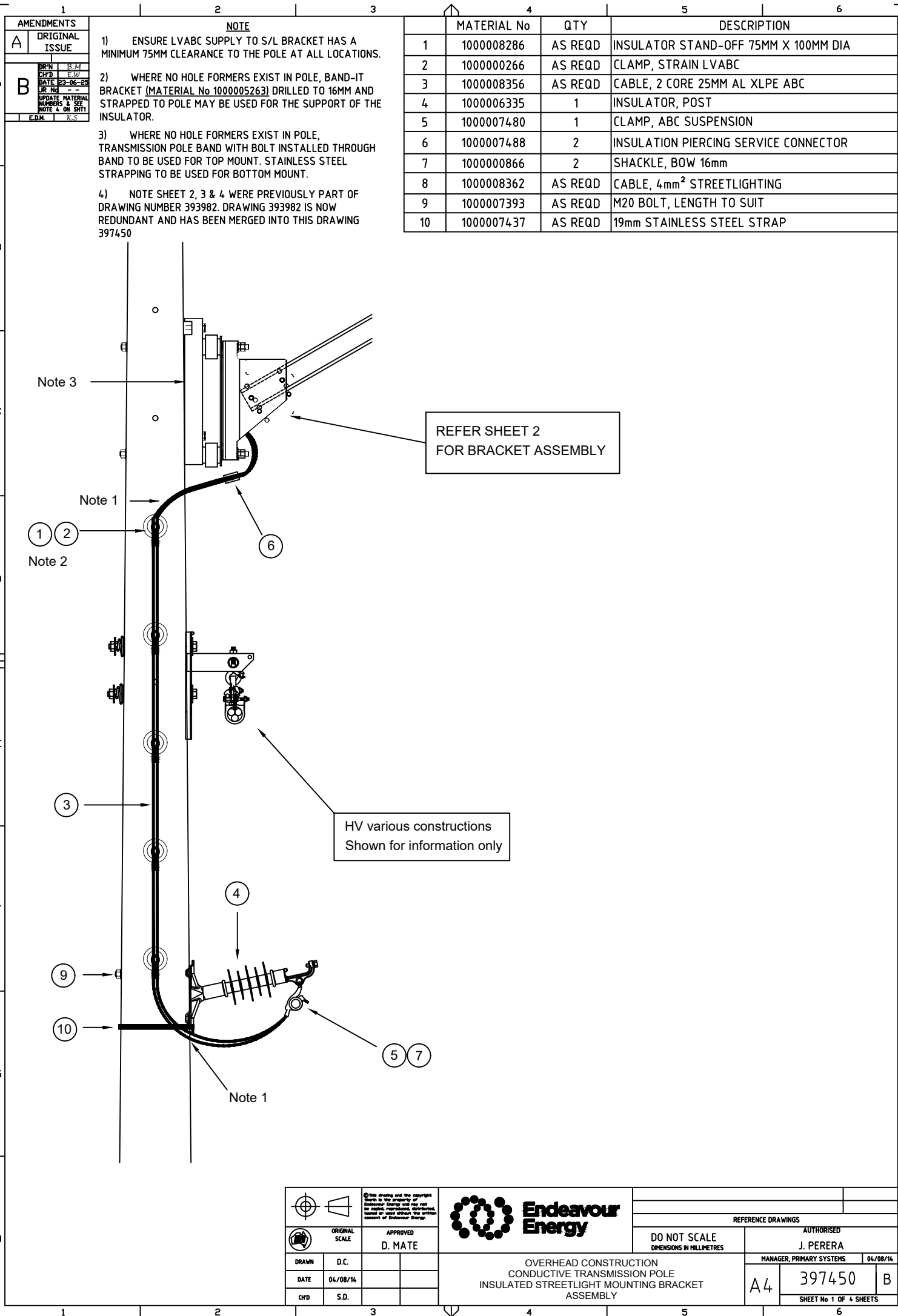
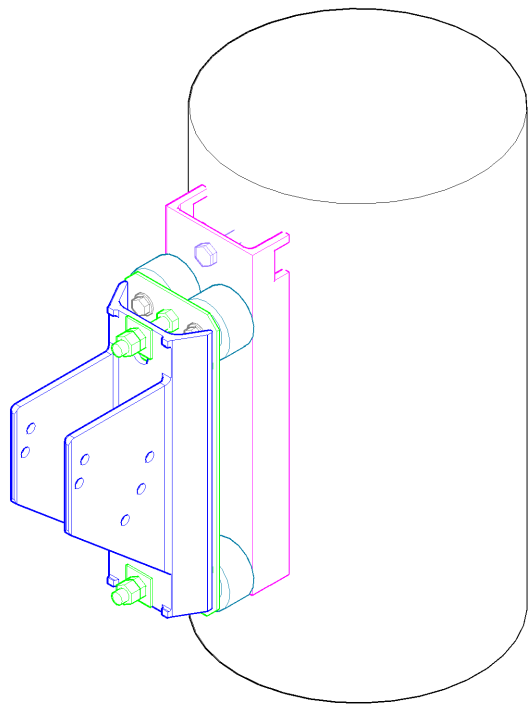
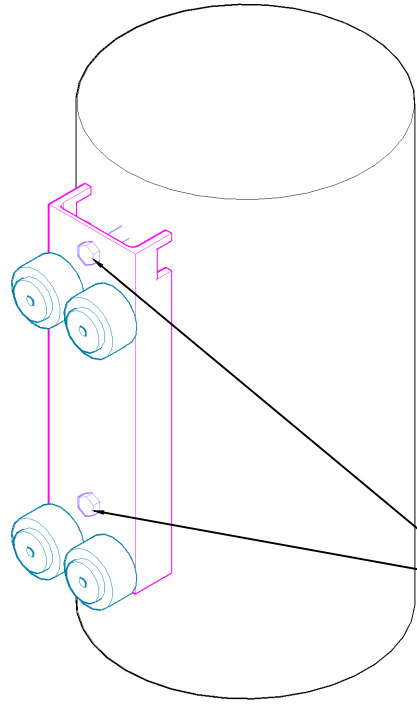




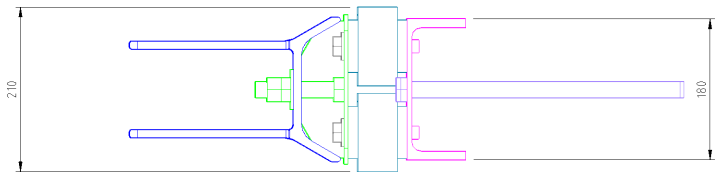


LIGHT BRACKET TYPICAL ASSEMBLY
ISOMETRIC VIEW
SCALE 15

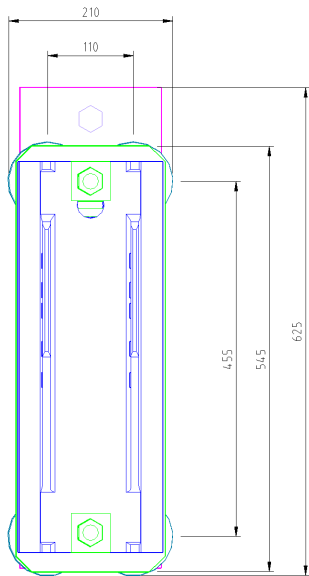


MOUNTING
USING BOLTS THROUGH POLE
ISOMETRIC VIEW
SCALE 15

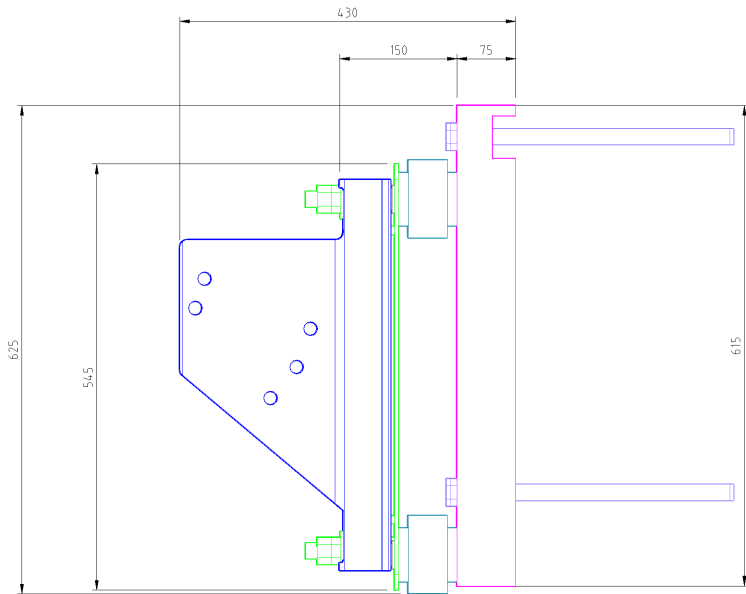
M20 BOLT
LENGTH TO SUIT POLE DIAMETER



ASSEMBLY
TOP VIEW
SCALE 15

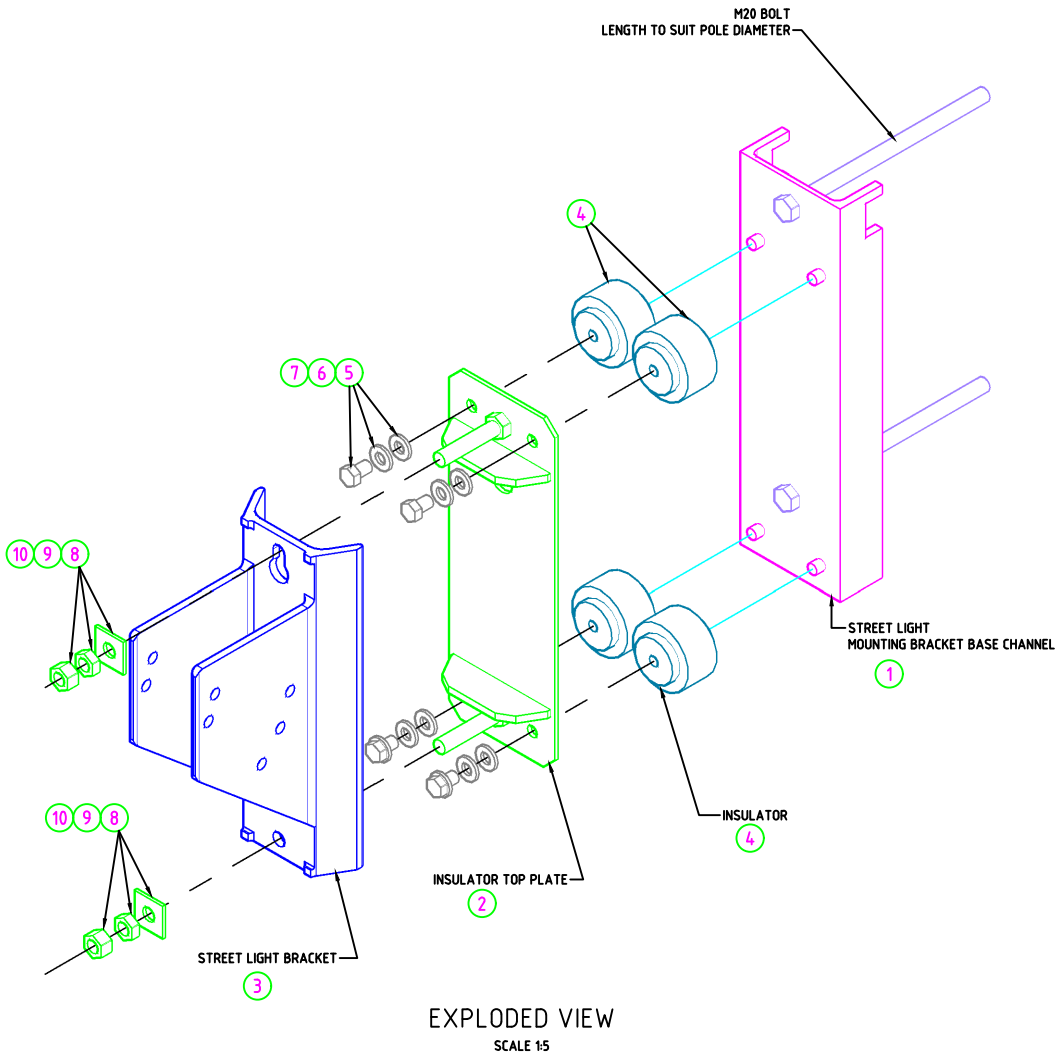


ASSEMBLY
FRONT VIEW
SCALE 15



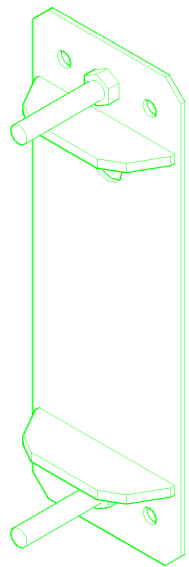
ASSEMBLY
SIDE VIEW
SCALE 15

MATERIAL LIST				
ITEM	MATERIAL No	DRAWING	DESCRIPTION	QTY
1	1000006392	397450-4	STREETLIGHT MOUNTING BRACKET BASE CHANNEL	1
2	1000006391	397450-3	INSULATOR TOP PLATE	1
3	-	-	STREETLIGHT BRACKET- (IS SHOWN FOR REFERENCE ONLY)	N/A
4	1000008286	-	OUTDOOR STANDOFF INSULATOR-EMC PACIFIC BB175 16 16 UP TO 3.6kV	4
5	1000000055	-	BOLT STEEL HEX HD GALV M16 x 25 LG GRADE 4.6	4
6	1000000100	-	WASHER STEEL RND FLAT GALV 16	4
7	-	-	SPRING WASHER STEEL GALV 16	4
8	1000000930	-	NUT STEEL HEX HD GALV M20 GRADE 4.6	2
9	1000007900	-	LOCK NUT STEEL HEX HD GALV M20 GRADE 4.6	2
10	1000000105	-	WASHER STEEL SQUARE FLAT GALV 50x50x5 HOLE Ø22	2



EXPLODED VIEW
SCALE 15

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		ORIGINAL SCALE AS SHOWN		APPROVED M. AZIMI		REFERENCE DRAWINGS	
DESIGNED CP/MA		CH'D		CP		DO NOT SCALE DIMENSIONS IN MILLIMETRES	
DRAWN CP						AUTHORISED S. F. WILLIAMS for D. ASVESTAS	
DATE 25/3/2014						MANAGER PROJECT DEVELOPMENT 6/8/2014	
						OVERHEAD CONSTRUCTION TRANSMISSION POLE INSULATED STREETLIGHT MOUNTING BRACKET ASSEMBLY	
						A1 397450 B	
						SHEET No 2 OF 4 SHEETS	



INSULATOR TOP PLATE
ISOMETRIC VIEW
MATERIAL No: 1000006391

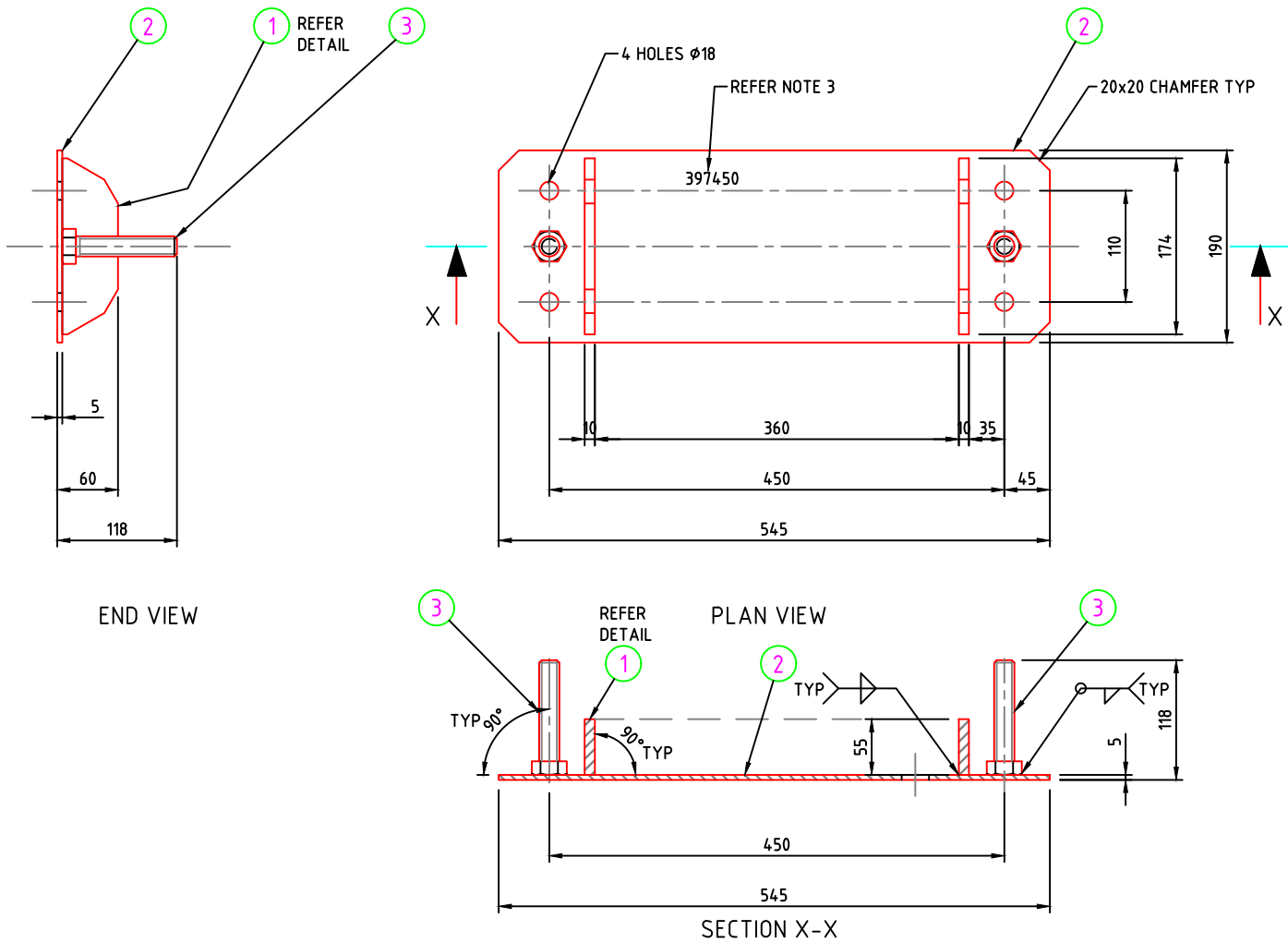
MATERIAL LIST					
ITEM	MATERIAL No.	DRAWING	DESCRIPTION	QTY	REMARKS
1	-	-	55 x 10 x 174 LG STEEL PLATE	2	
2	-	-	190 x 5 x 545 LG STEEL PLATE	1	
3	-	-	SET SCREW STEEL HEX HD GALV M20 x 100 LG	2	

NOTES

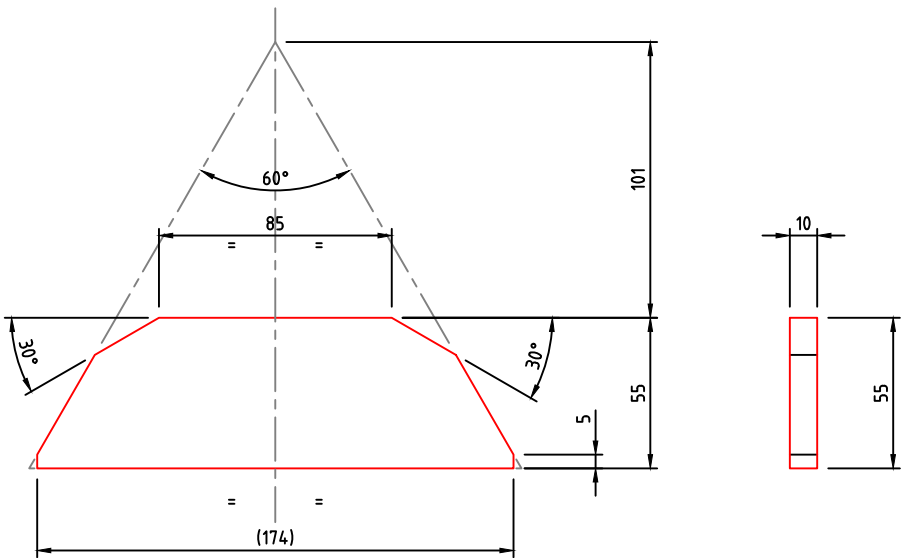
1. ALL WELDING TO AS1554.1. WELD SYMBOLS COMPLY WITH AS1101.3.
2. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS4100.
3. PRIOR TO GALVANISING THE NUMBER 397450 IS TO BE STAMPED IN 12mm HIGH LETTERS WHERE SHOWN AND IS TO BE VISIBLE AFTER GALVANISING.
4. UNLESS NOTED OTHERWISE ALL STEEL SHALL BE OF THE FOLLOWING GRADE IN ACCORDANCE WITH THE FOLLOWING AUSTRALIAN STANDARDS

TYPE OF STEEL	AUSTRALIAN STANDARD	GRADE
HOT ROLLED BARS AND SECTIONS. (UNIVERSAL BEAMS AND COLUMNS, PARALLEL FLANGE CHANNELS, FLATS AND ANGLES)	AS/NZS 3679.1	300
HOT ROLLED PLATES, FLOOR PLATES, AND SLABS	AS/NZS 3678	250
HOLLOW SECTION	AS1163	C350

CERTIFICATES OF COMPLIANCE FOR ALL STEELWORK TO BE PROVIDED.
5. FINISH: AFTER FABRICATION INSULATOR TOP & BOTTOM PLATE ASSEMBLIES TO BE HOT DIP GALVANISED IN ACCORDANCE WITH AS/NZS 4680.



INSULATOR TOP PLATE DETAIL
SCALE 1:5



ITEM 1 DETAIL
SCALE 1:2

AMENDMENTS		ORIGINAL ISSUE	Job No.	23-06-25	CHK'D EW	DRWN BM	EDM KS	UPDATE MATERIAL NUMBERS & SEE NOTE 4 ON SHT 1
A								
1								

DO NOT SCALE
DIMENSIONS
IN MILLIMETRES

DESIGNED CP/MA

DRAWN CP

DATE 25/3/2014

APPROVED M. AZIMI

CH'D

CP

OVERHEAD CONSTRUCTION
TRANSMISSION POLE
INSULATED STREETLIGHT MOUNTING BRACKET
INSULATOR TOP PLATE DETAIL

REFERENCE DRAWINGS

AUTHORISED
S.F. WILLIAMS for D. ASVESTAS

MANAGER PROJECT DEVELOPMENT 6/8/2014

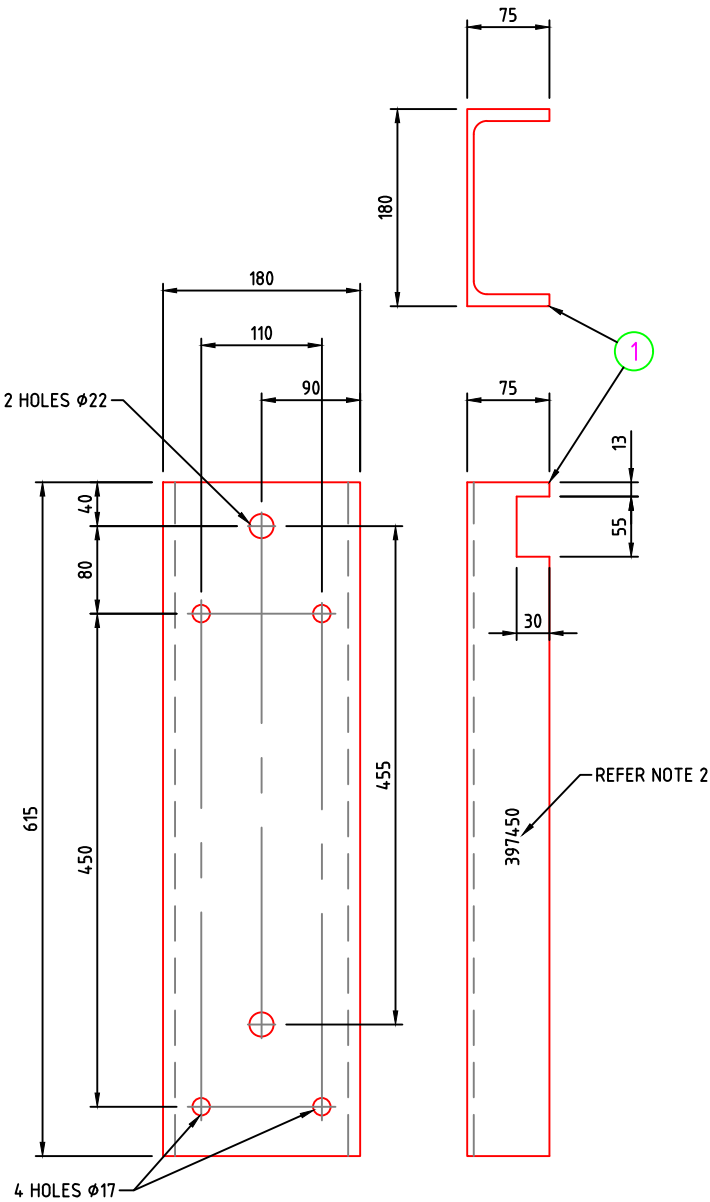
Rev. B

SHEET No 3 OF 4 SHEETS

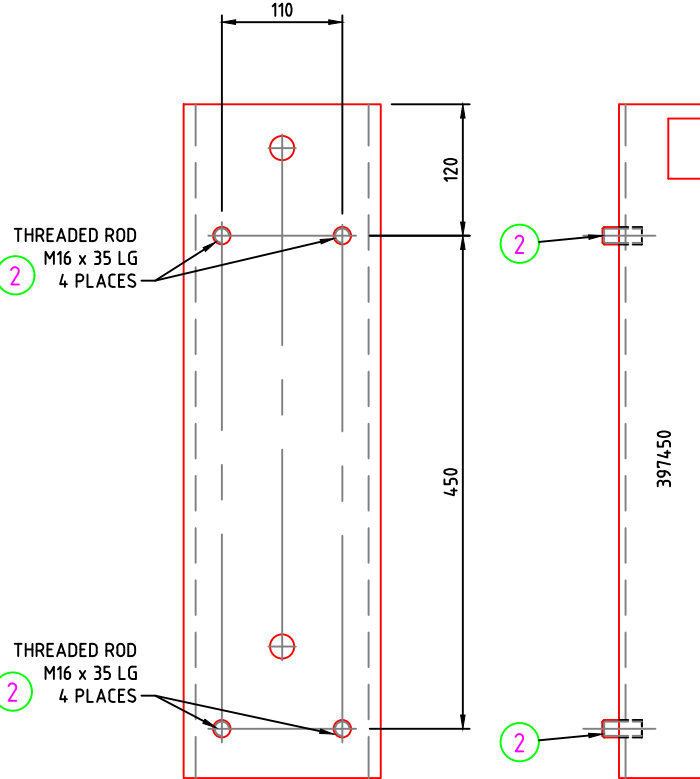
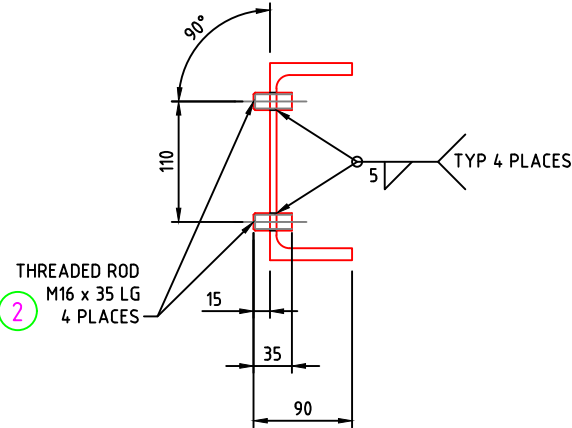
MATERIAL LIST					
ITEM	MATERIAL No.	DRAWING	DESCRIPTION	QTY	REMARKS
1	-	-	180PFC x 615 LG	1	
2	-	-	THREADED ROD STEEL M16 x 35LG	4	

NOTES

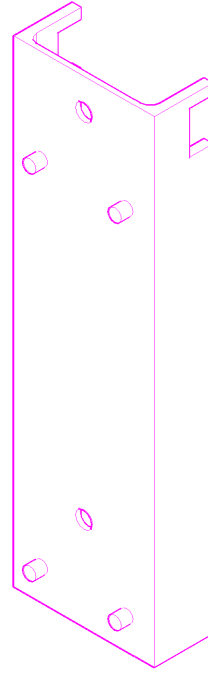
- 1 ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS4100.
- 2 PRIOR TO GALVANISING THE NUMBER 397450 IS TO BE STAMPED IN 12mm HIGH LETTERS WHERE SHOWN AND IS TO BE VISIBLE AFTER GALVANISING.
3. UNLESS NOTED OTHERWISE ALL STEEL SHALL BE OF THE FOLLOWING GRADE IN ACCORDANCE WITH THE FOLLOWING AUSTRALIAN STANDARDS
- | TYPE OF STEEL | AUSTRALIAN STANDARD | GRADE |
|---|---------------------|-------|
| HOT ROLLED BARS AND SECTIONS.
(UNIVERSAL BEAMS AND COLUMNS, PARALLEL
FLANGE CHANNELS, FLATS AND ANGLES) | AS/NZS 3679.1 | 300 |
| HOT ROLLED PLATES, FLOOR PLATES,
AND SLABS | AS/NZS 3678 | 250 |
| HOLLOW SECTION | AS1163 | C350 |
- CERTIFICATES OF COMPLIANCE FOR ALL STEELWORK TO BE PROVIDED.
4. FINISH: AFTER FABRICATION BASE CHANNEL WELDED ASSEMBLY IS TO BE HOT DIP GALVANISED IN ACCORDANCE WITH AS/NZS 4680.



BASE CHANNEL DETAIL
SCALE 1:5



BASE CHANNEL WELDED ASSEMBLY
SCALE 1:5



BASE CHANNEL
ISOMETRIC VIEW
MATERIAL No. 1000006392

AMENDMENTS	ORIGINAL	ISSUE	DATE	CHK'D	EW	DRWN	BM	EDM	KS	UPDATE MATERIAL NUMBERS & SEE NOTE 4 ON SHT 1
A	B	23-06-25	CHK'D	EW	DRWN	BM	EDM	KS		
1										

DESIGNED	CP/MA	CH'D	CP
DRAWN	CP		
DATE	25/3/2014		

OVERHEAD CONSTRUCTION
TRANSMISSION POLE
INSULATED STREETLIGHT MOUNTING BRACKET
BASE CHANNEL ASSEMBLY AND DETAIL

REFERENCE DRAWINGS			
DO NOT SCALE DIMENSIONS IN MILLIMETRES		AUTHORISED S.F. WILLIAMS for D. ASVESTAS	
MANAGER PROJECT DEVELOPMENT		6/8/2014	
A2		397450	
SHEET No 4 OF 4 SHEETS		Rev. B	