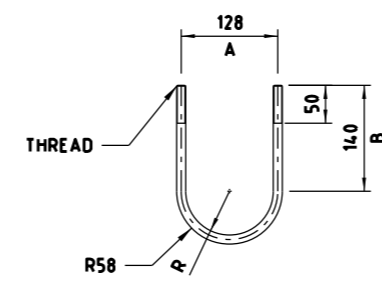
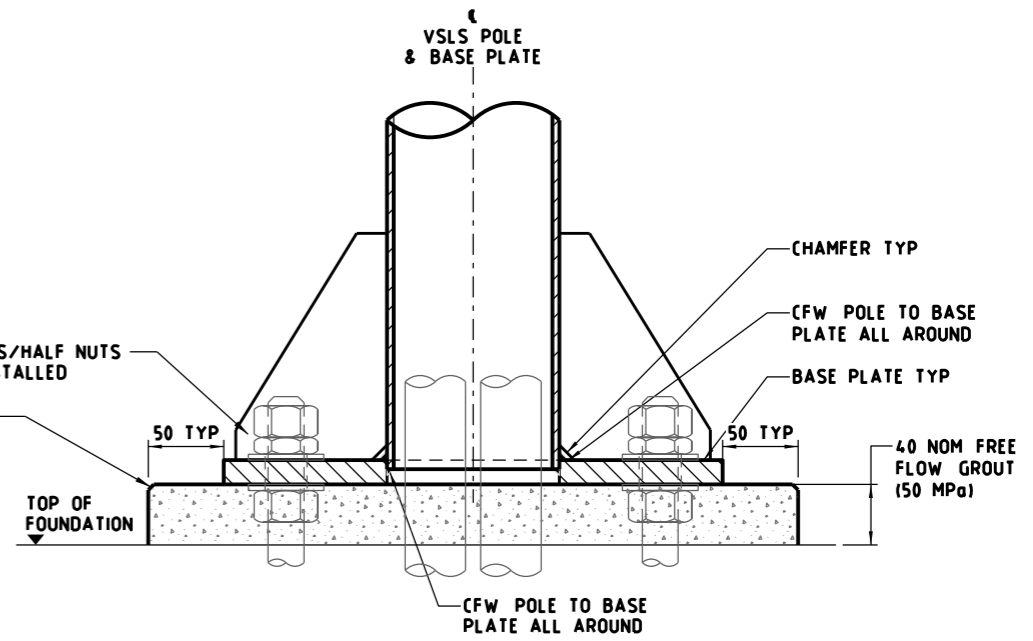


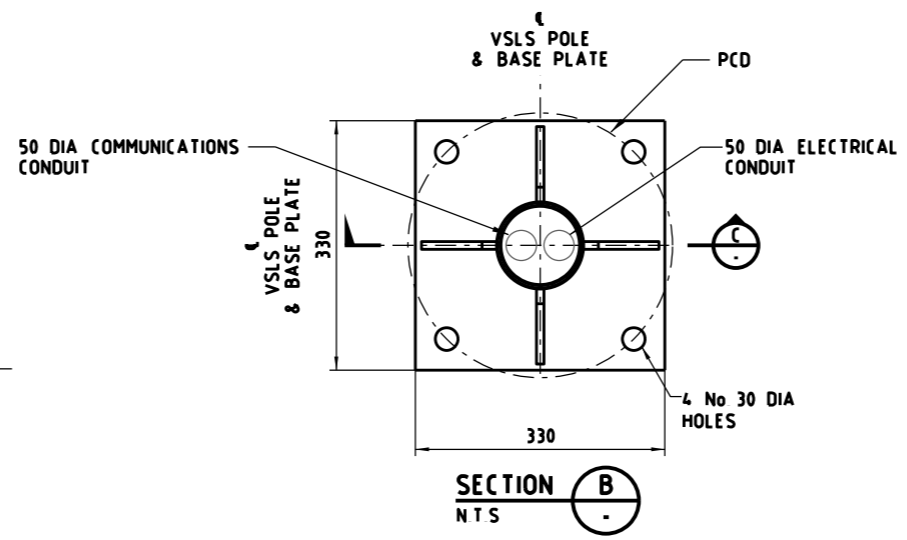
TYPICAL UNISTRUT NUT POSITION (CENTRAL) CAN BE SHIFTED UP TO 60mm TO REPOSITION SIGN ON CHS POST



LOCK NUTS/HALF NUTS TO BE INSTALLED  
CHAMFER EDGE OF GROUT



SECTION C NTS



**NOTES**

- 1 FOR FOUNDATION DETAILS REFER TO STANDARD DRAWING TC-2233
- 2 P1000 BOLTED TO COCOON WITH P1010 NUT AND M12 BOLT AND SPRING WASHER IN ACCORDANCE WITH UNISTRUT AUSTRALIA PTY LTD CABLE SUPPORT SYSTEM AND PRODUCTS LOAD SPREADER COCOON SIDE
- 3 ALL STEEL HOT DIPPED GALVANISED TO COMPLY WITH AS 4680
- 4 BOLTS GALVANISED TO BE IN ACCORDANCE WITH AS 1214
- 5 CONDUITS TO BE EXTENDED ABOVE BASE PLATE INSIDE THE POLE TO PREVENT GROUT ENTERING INSIDE THE CONDUITS
- 6 STANDARD DRAWINGS SHOWN ARE INDICATIVE ONLY STRUCTURAL DETAILS SHALL BE DESIGNED BY A PRE-QUALIFIED CONSULTANT TO THE SATISFACTION OF VICROADS AND SHALL COMPLY WITH VICROADS' SPECIFICATION BRIDGE TECHNICAL NOTES (BTN'S) AND AS 5100 WHERE APPLICABLE

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A	W H	12/2018	REMOVAL OF STRUCTURAL DETAIL
ISSUE	APP'D	DATE	AMENDMENT

GENERAL NOTES

DESIGNED M80 UPGRADE 07/2015

APPROVED W HARVEY - MANAGER ITS INFRASTRUCTURE & SYSTEM 08/2015

CAT. PROJ. FILE

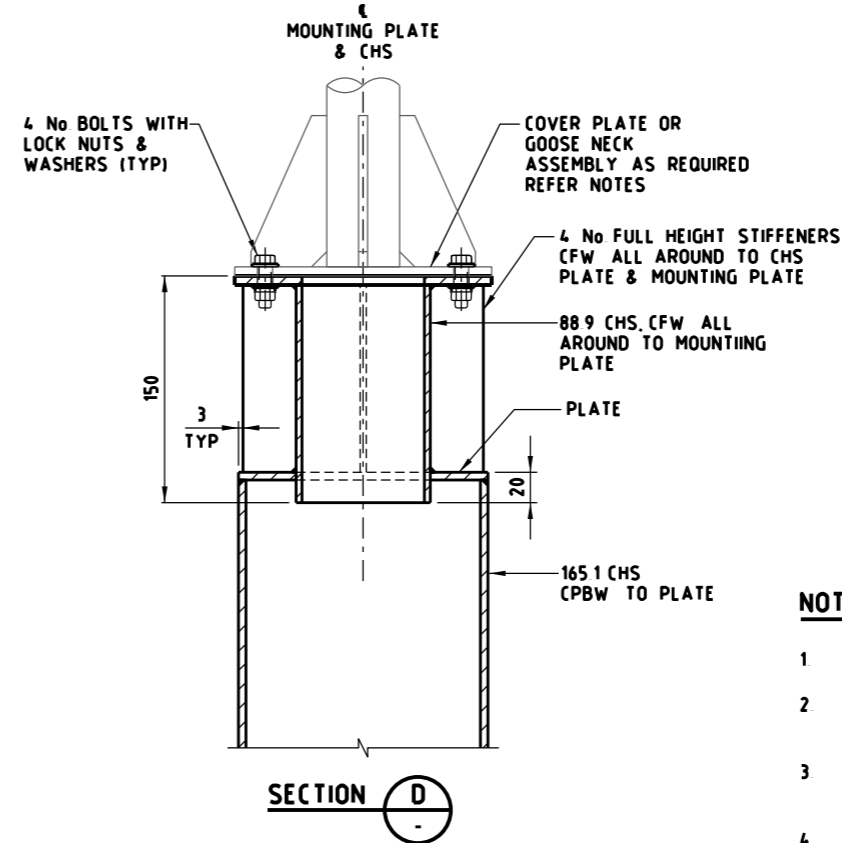
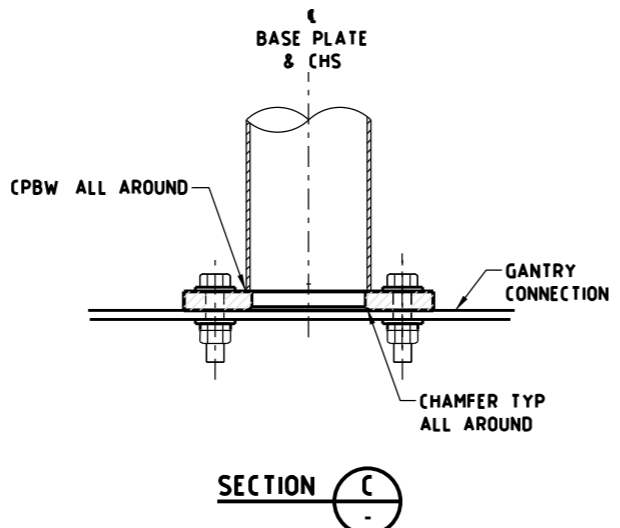
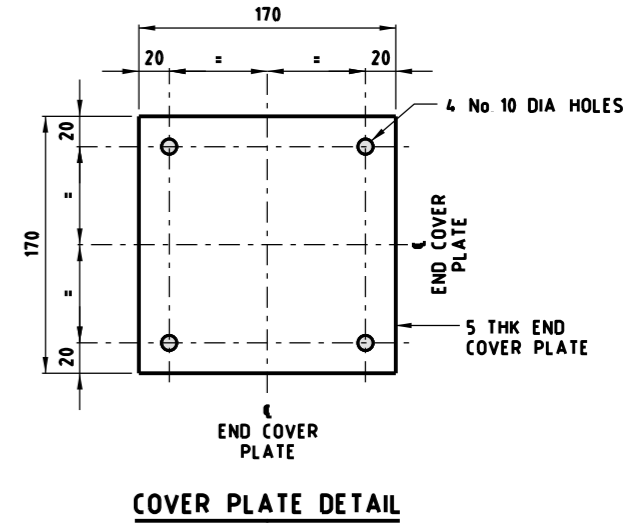
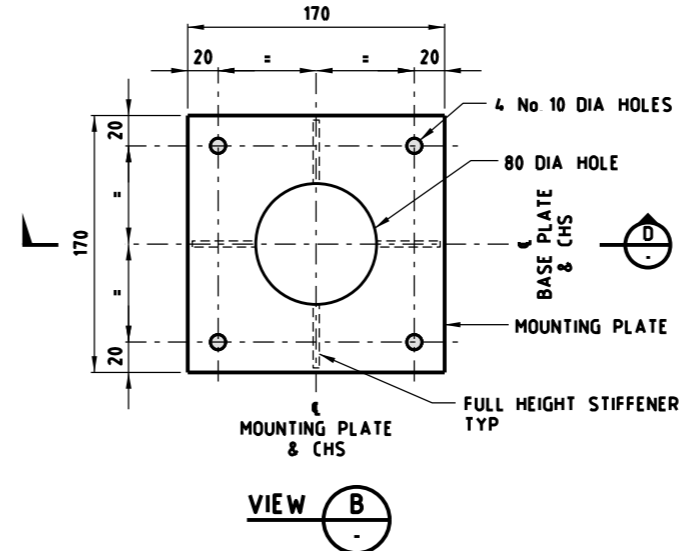
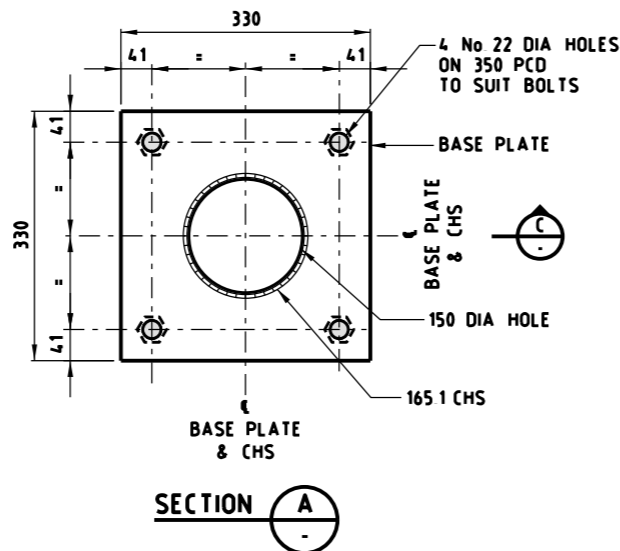
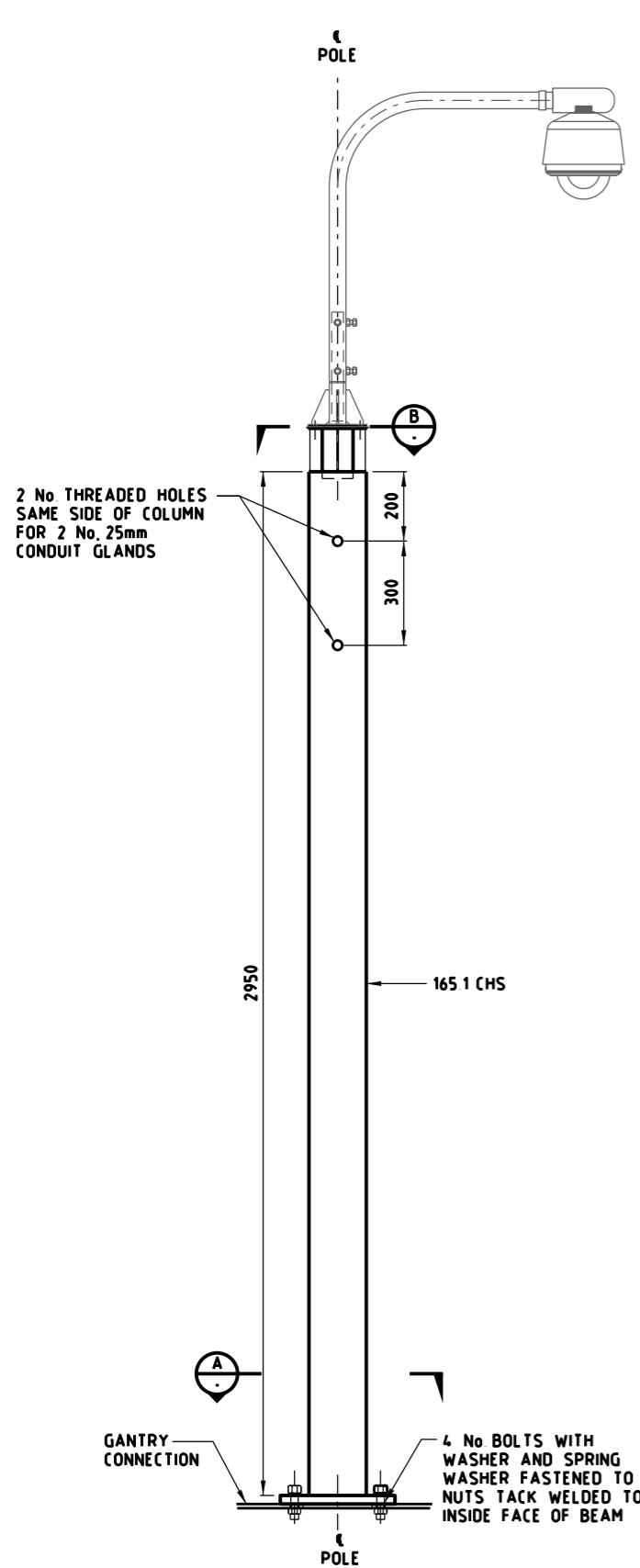
SCALE OF METRES NTS

HOR VER

**STANDARD DRAWING**  
MANAGED MOTORWAY

**POSTS AND ATTACHMENTS**  
VLSL POLE AND BASE PLATE

FILE NO	CONTRACT NO	SHEET NO	DRAWING NO	ISSUE
			TC-2220	A



**NOTES**

- 1 DIMENSIONS SHOWN ARE IN MILLIMETERS
- 2 SWIVEL GOOSE NECK TO BE INSTALLED FOR CCTV CAMERAS ONLY COVER PLATE TO BE INSTALLED OTHERWISE
- 3 FOR SWIVEL GOOSE NECK DETAILS REFER TO STANDARD DRAWING TC-2222
- 4 ALL OPENING EDGES TO BE DEBURRED
- 5 EXTERNALLY EXPOSED OPENINGS SHALL BE PLUGGED AT ALL TIMES TO PREVENT WATER INGRESS
- 6 LOCK NUTS SHALL BE USED FOR ALL BOLTED CONNECTIONS
- 7 STANDARD DRAWINGS SHOWN ARE INDICATIVE ONLY STRUCTURAL DETAILS SHALL BE DESIGNED BY A PRE-QUALIFIED CONSULTANT TO THE SATISFACTION OF VICROADS AND SHALL COMPLY WITH VICROADS' SPECIFICATION BRIDGE TECHNICAL NOTES (BTN'S) AND AS 5100 WHERE APPLICABLE.

**2.95m CCTV CAMERA, AP & RP POLE**

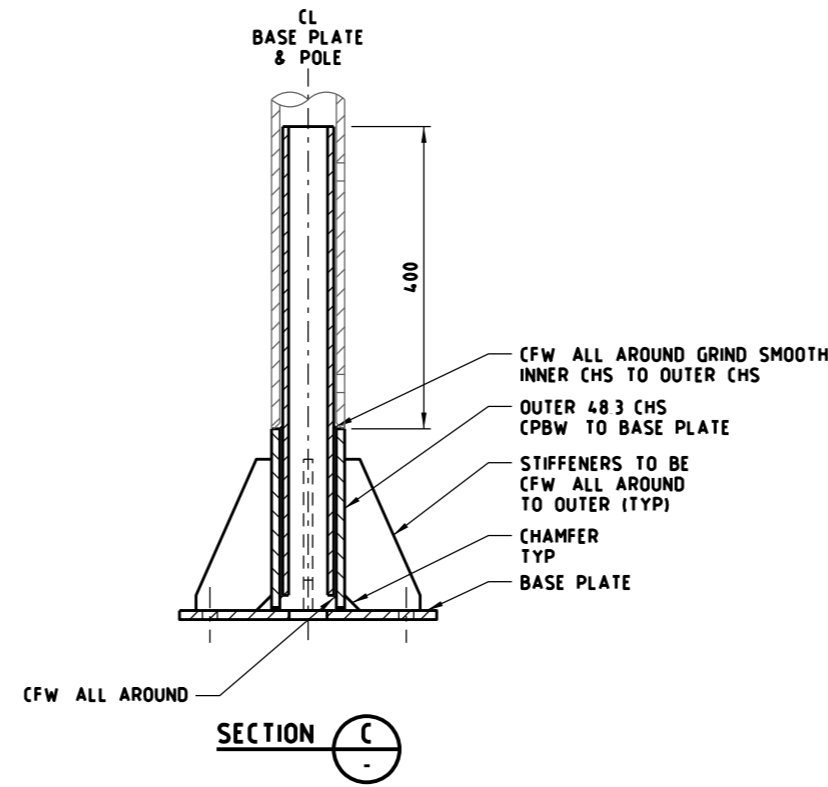
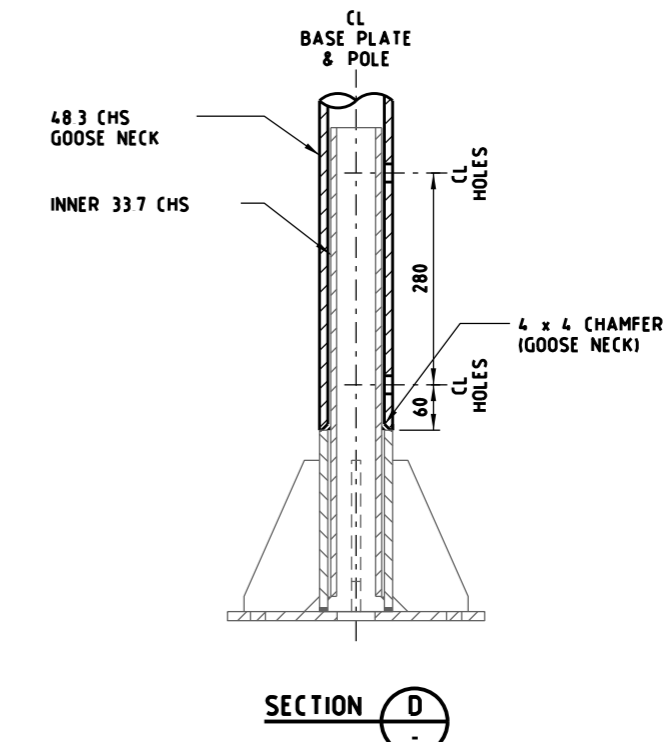
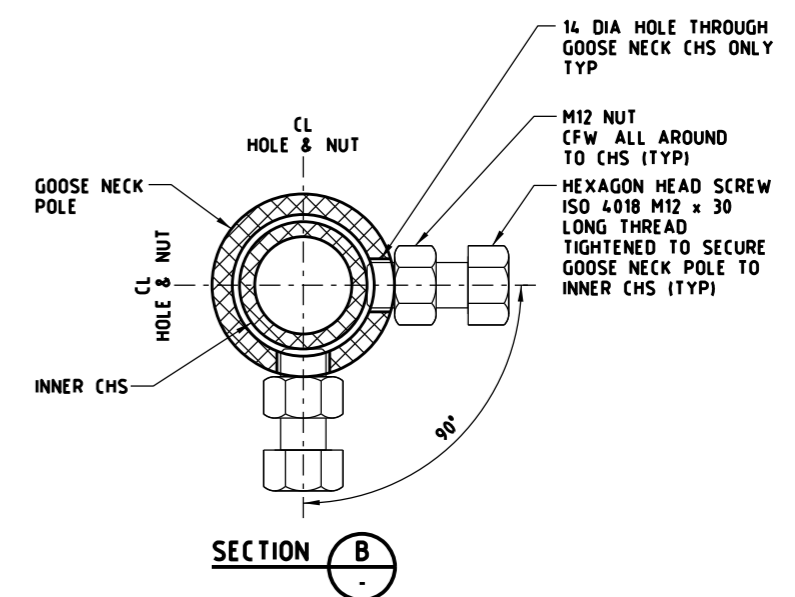
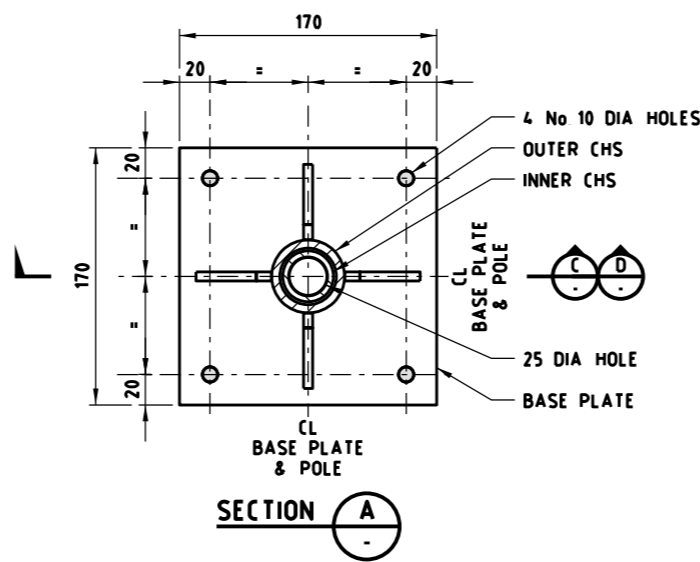
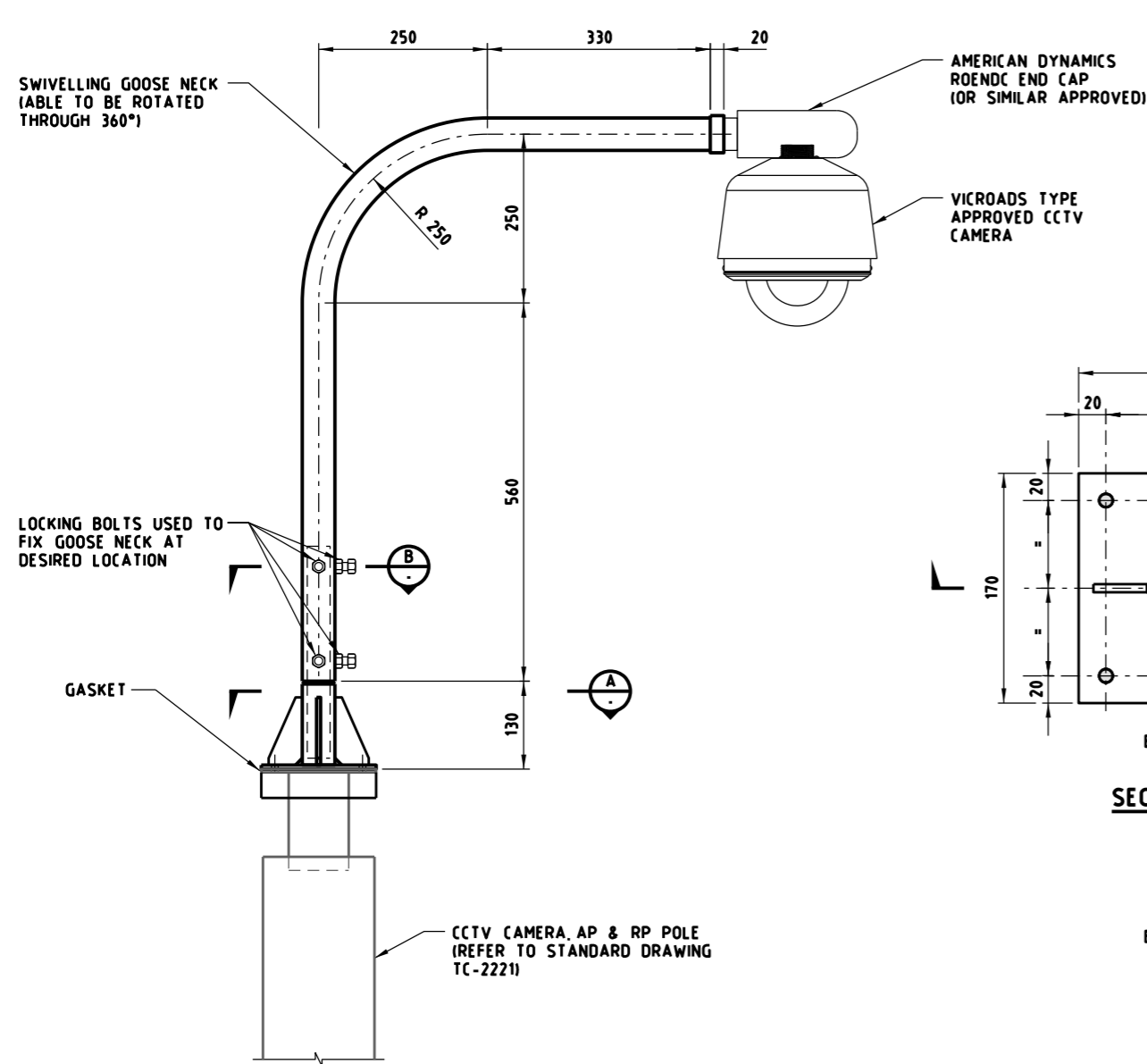
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ISSUE	APP'D	DATE	AMENDMENT

GENERAL NOTES	

DESIGNED	M80 UPGRADE	07/2015
APPROVED	W HARVEY - MANAGER	
	ITS INFRASTRUCTURE & SYSTEM 08/2015	
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<b>STANDARD DRAWING</b>			
MANAGED MOTORWAY			
<b>POSTS AND ATTACHMENTS</b>			
<b>GANTRY-MOUNTED CCTV CAMERA, AP &amp; RP POLE</b>			
<b>TYPICAL ARRANGEMENT</b>			
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO
			TC-2221
			ISSUE A



- NOTES**
- 1 ALL OPENING EDGES TO BE DEBURRED
  - 2 EXTERNALLY EXPOSED OPENINGS SHALL BE PLUGGED AT ALL TIMES TO PREVENT WATER INGRESS
  - 3 MAXIMUM ALLOWED CAMERA DEFLECTION TO BE 50mm UNDER 38m/s WIND SPEED
  - 4 STANDARD DRAWINGS SHOWN ARE INDICATIVE ONLY STRUCTURAL DETAILS SHALL BE DESIGNED BY A PRE-QUALIFIED CONSULTANT TO THE SATISFACTION OF VICROADS AND SHALL COMPLY WITH VICROADS' SPECIFICATION BRIDGE TECHNICAL NOTES (BTN'S) AND AS 5100 WHERE APPLICABLE

**CCTV CAMERA POLE ATTACHMENT DETAIL**

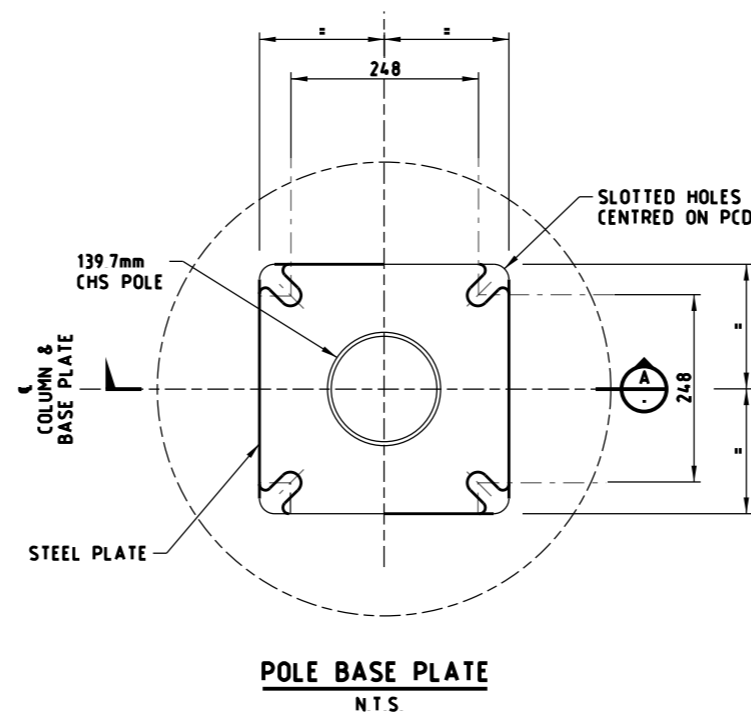
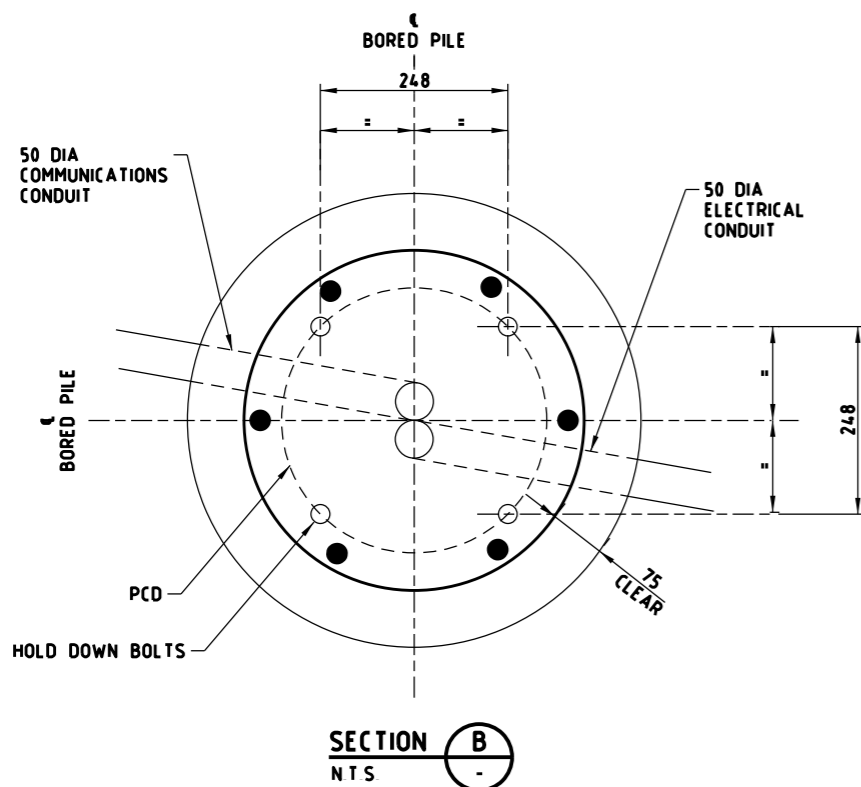
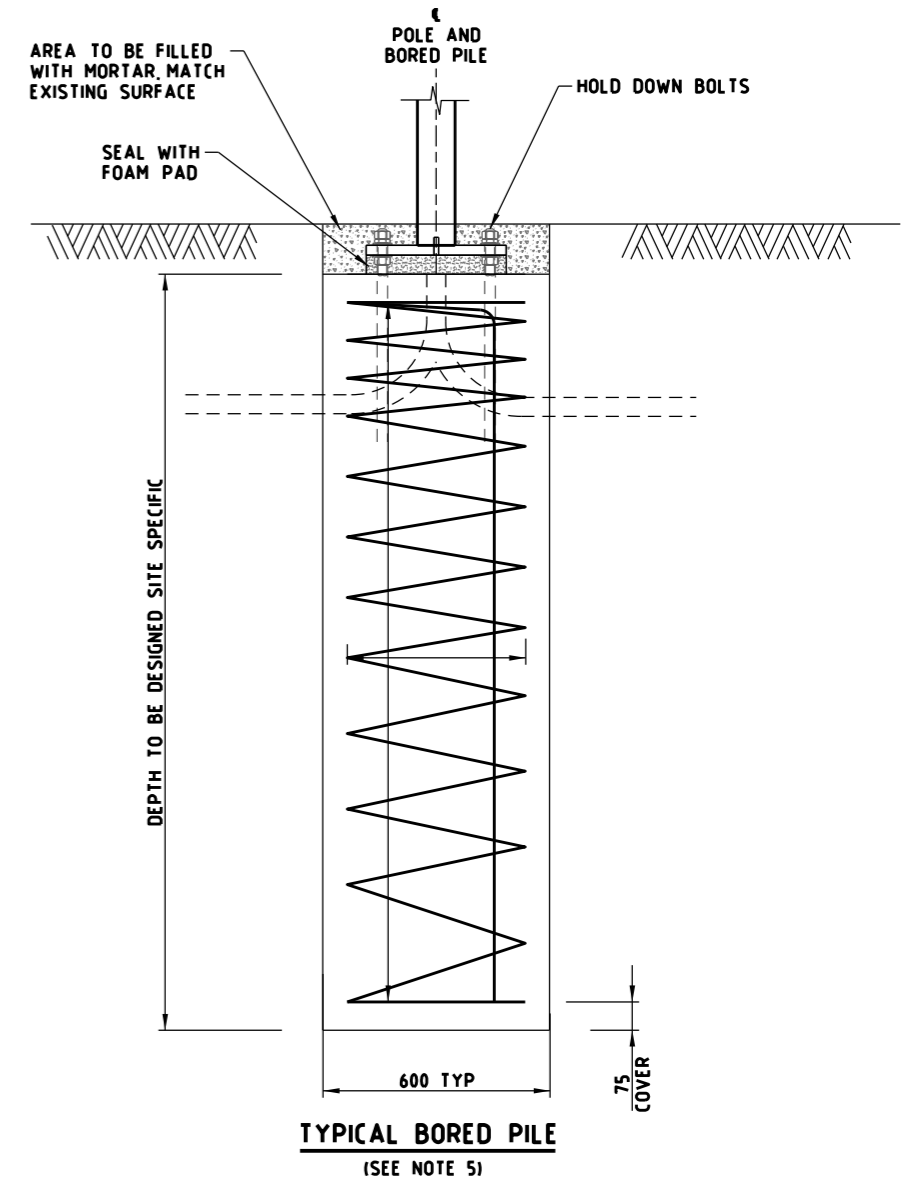
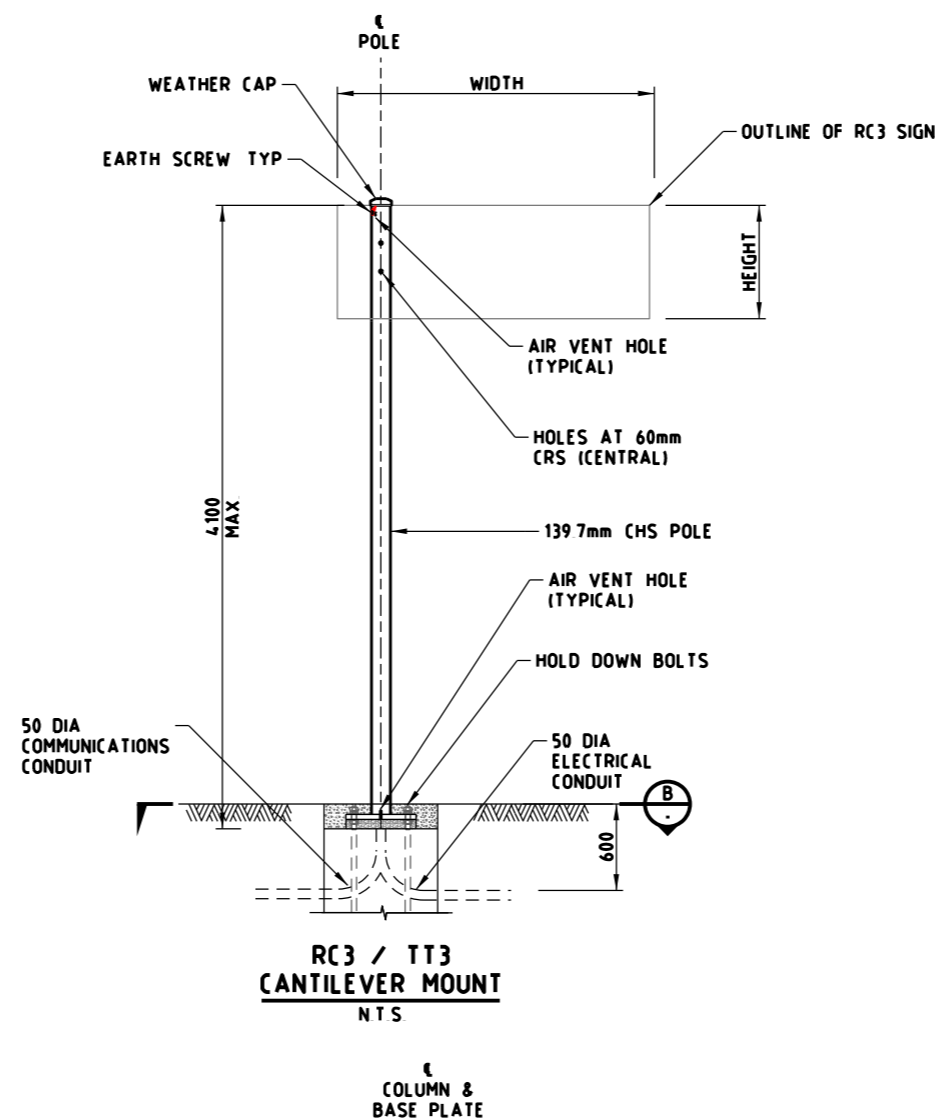
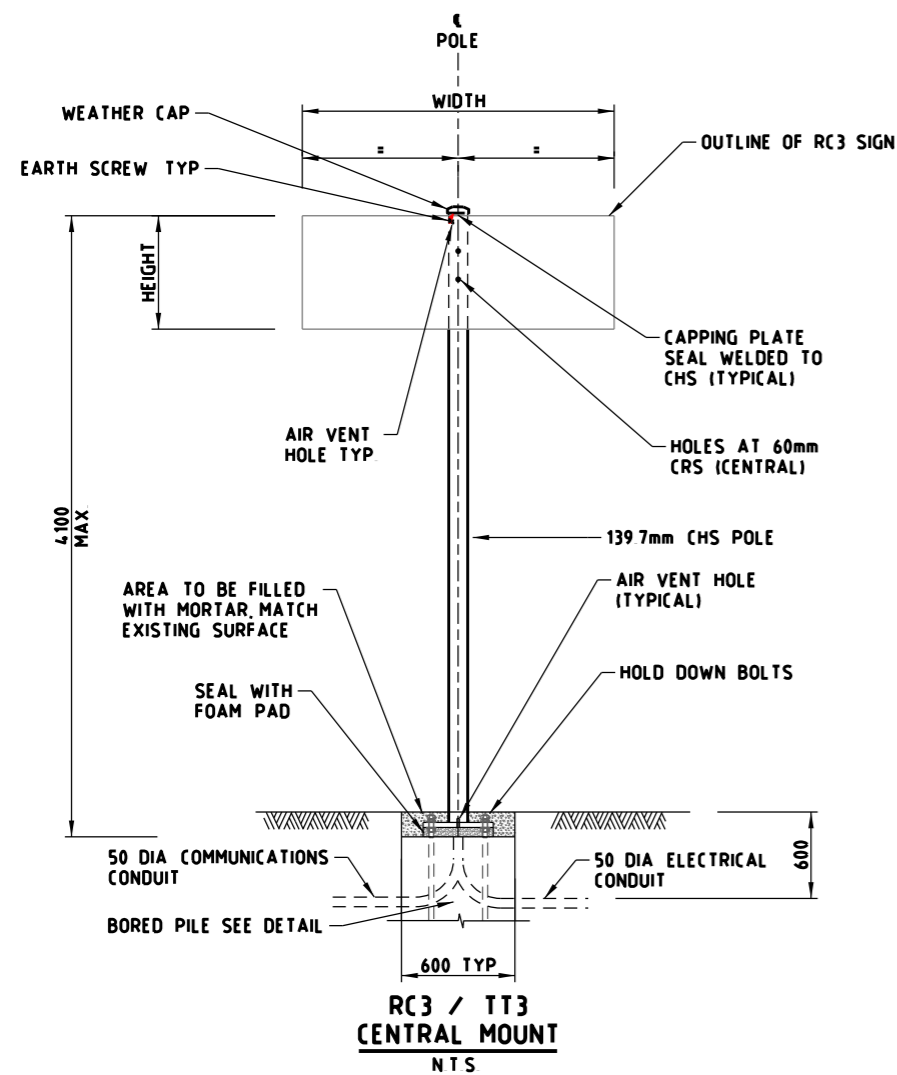
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ISSUE	APP'D	DATE	AMENDMENT

GENERAL NOTES

DESIGNED M80 UPGRADE 07/2015  
 APPROVED W HARVEY - MANAGER ITS INFRASTRUCTURE & SYSTEM 08/2015  
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**STANDARD DRAWING**  
 MANAGED MOTORWAY  
**POSTS AND ATTACHMENTS**  
 CCTV CAMERA POLE EXTENSION  
 FILE NO CONTRACT NO SHEET NO DRAWING NO ISSUE  
 TC-2222 A



**NOTES**

- 1 FOUNDATION TO BE DESIGNED IN ACCORDANCE WITH AS 5100 TO SUIT GROUND AND SITE CONDITIONS
- 2 FOR SPREAD FOUNDATIONS WHERE BORED PILE IS NOT POSSIBLE REFER TO STANDARD DRAWING TC-2235 AND TC-2236
- 3 FOR HOLD DOWN BOLTS DETAILS REFER TO STANDARD DRAWING TC-1601
- 4 FOR MOUNTING BRACKET DETAILS REFER TO STANDARD DRAWING TC-2224
- 5 STANDARD DRAWINGS SHOWN ARE INDICATIVE ONLY STRUCTURAL DETAILS SHALL BE DESIGNED BY A PRE-QUALIFIED CONSULTANT TO THE SATISFACTION OF VICROADS AND SHALL COMPLY WITH VICROADS' SPECIFICATION BRIDGE TECHNICAL NOTES (BTN'S) AND AS 5100 WHERE APPLICABLE TEST

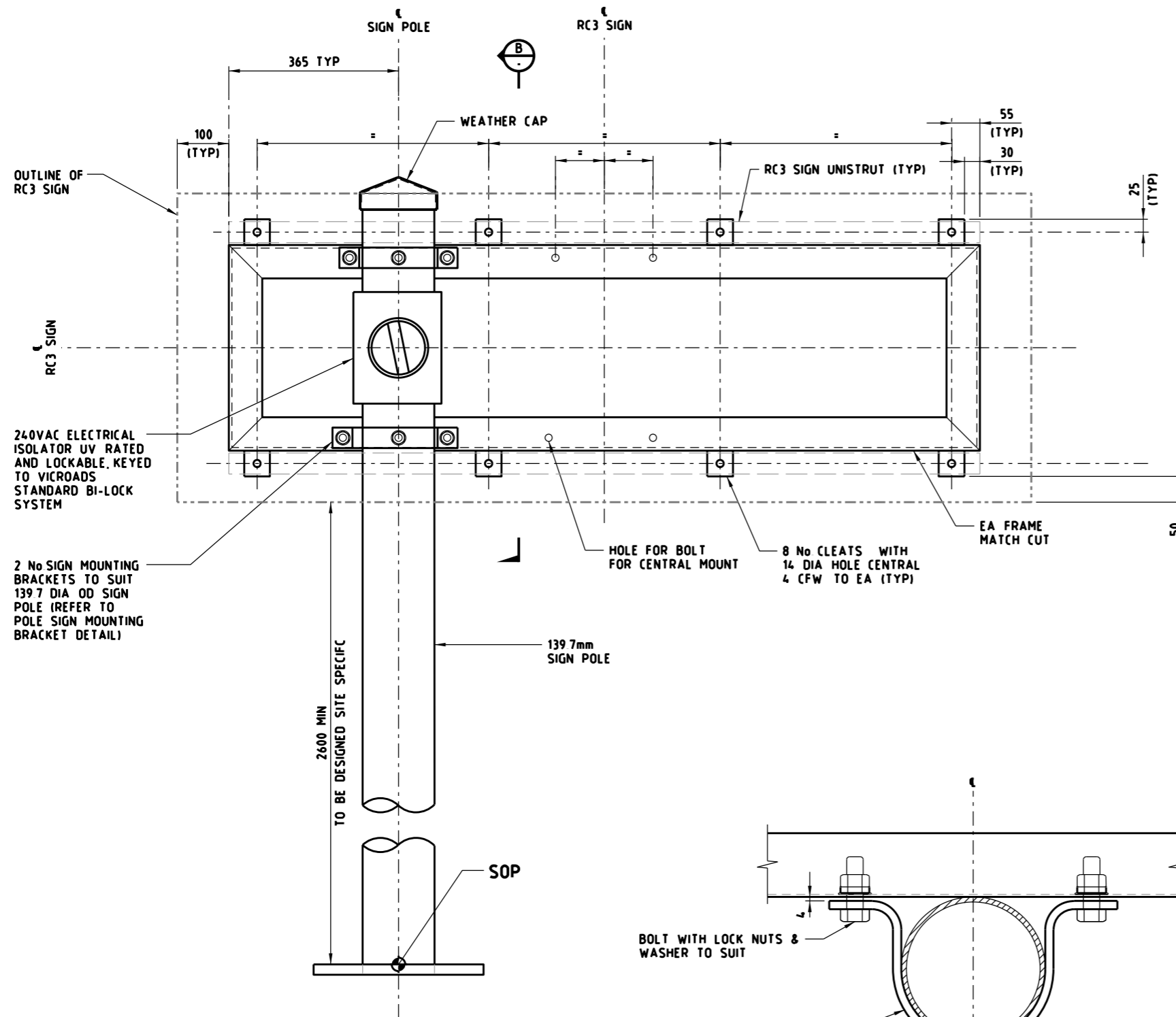
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ISSUE	APP'D	DATE	AMENDMENT

GENERAL NOTES	

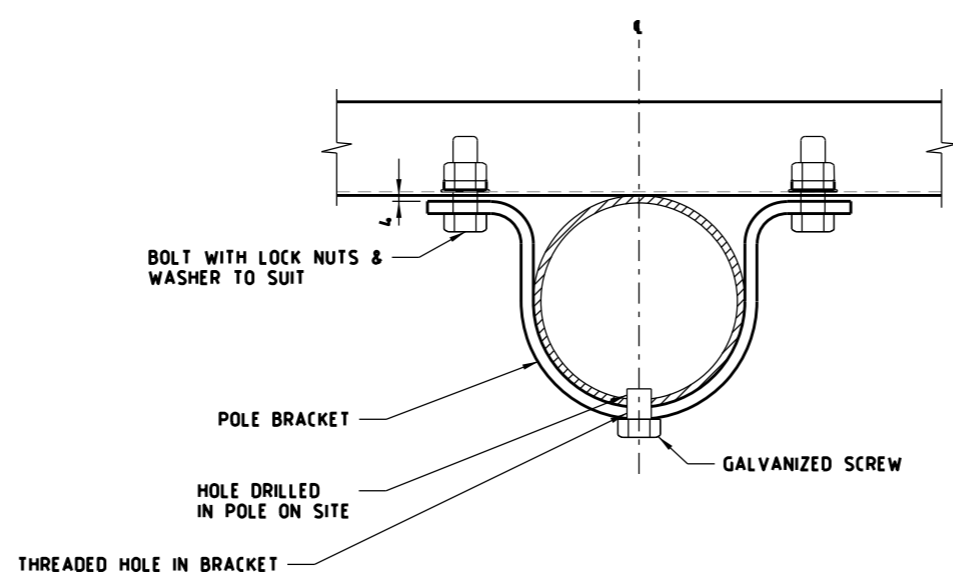
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	ITS INFRASTRUCTURE & SYSTEM 08/2015	
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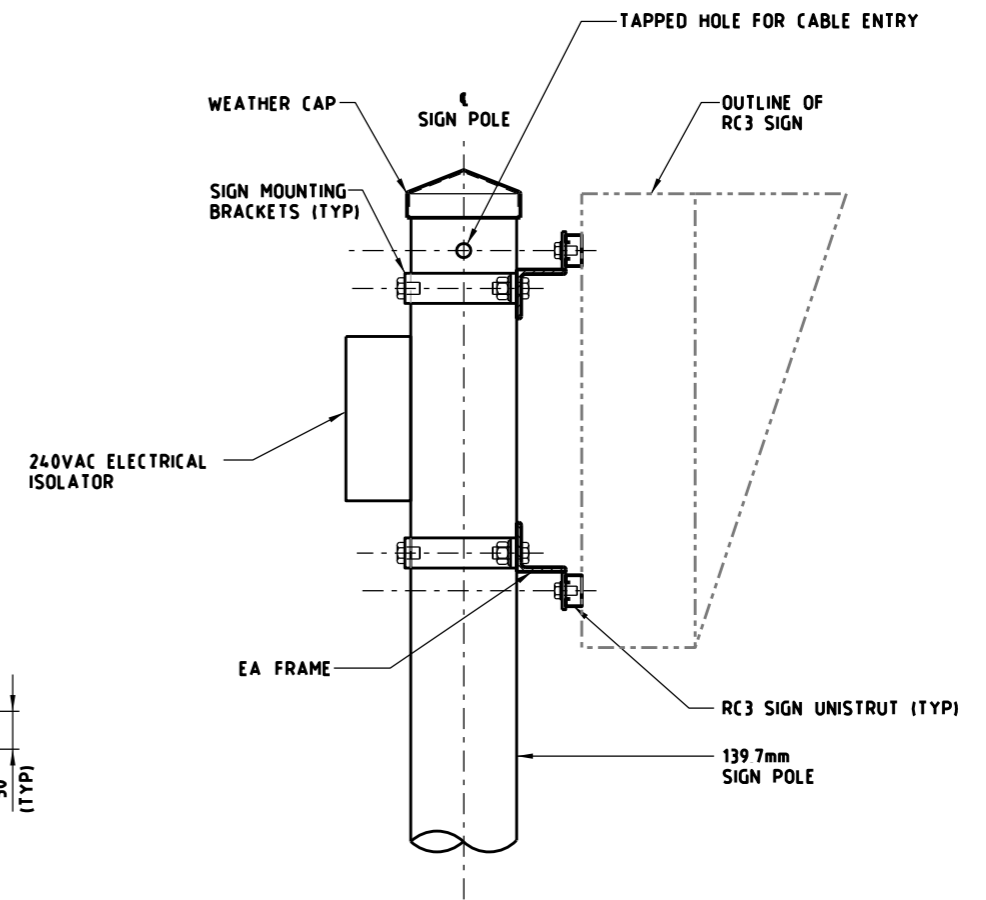
<b>STANDARD DRAWING</b>				
MANAGED MOTORWAY				
POSTS AND ATTACHMENTS				
RC3 / TT3 POLE				
TYPICAL ARRANGEMENT				
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO	ISSUE
			TC-2223	A



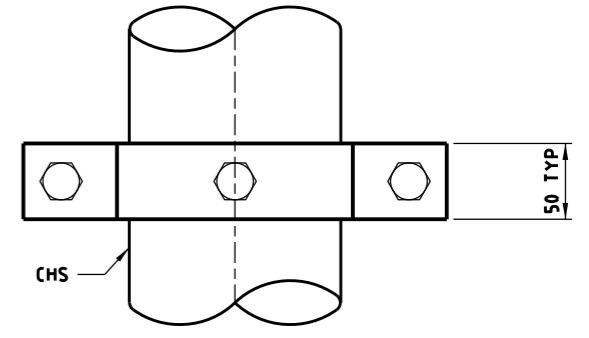
(VIEWED FROM DEPARTURE SIDE)  
**SIGN ELEVATION**  
 N T S



**POLE SIGN MOUNTING BRACKET**  
 N T S



**SECTION B**  
 N T S



**POLE BRACKET - ELEVATION**  
 N T S

**NOTES**

- 1 DIMENSIONS OF EA FRAME MAY BE ADJUSTED TO MATCH EXISTING UNISTRUT.
- 2 RC3 SIGN & MOUNTING HARDWARE SHALL NOT EXCEED A TOTAL WEIGHT 65kg
- 3 FOR SIGN POLE DETAILS, REFER TO STANDARD DRAWING TC-2223
- 4 LOCK NUTS TO BE USED FOR ALL BOLTED CONNECTIONS
- 5 STANDARD DRAWINGS SHOWN ARE INDICATIVE ONLY STRUCTURAL DETAILS SHALL BE DESIGNED BY A PRE-QUALIFIED CONSULTANT TO THE SATISFACTION OF VICROADS AND SHALL COMPLY WITH VICROADS' SPECIFICATION BRIDGE TECHNICAL NOTES (BTN'S) AND AS 5100 WHERE APPLICABLE

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APPROVED	W HARVEY - MANAGER ITS INFRASTRUCTURE & SYSTEM 08/2015
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SCALE OF METRES  
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<b>STANDARD DRAWING</b> MANAGED MOTORWAY POSTS AND ATTACHMENTS RC3 / TT3 POLE MOUNTING ARRANGEMENT TYPICAL ARRANGEMENT				
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO	ISSUE
			TC-2224	A