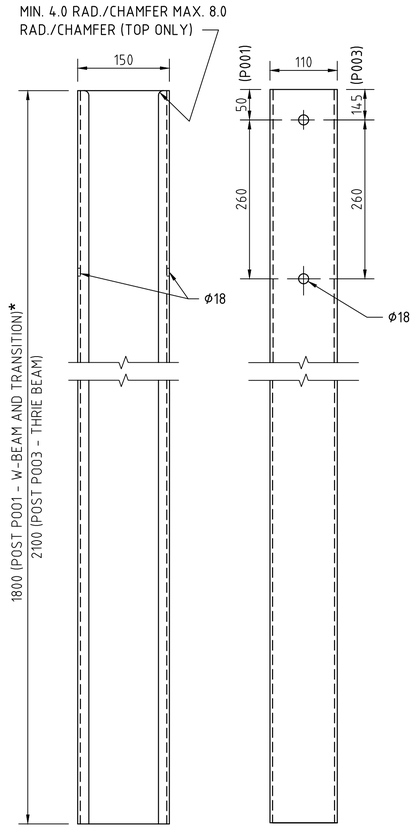
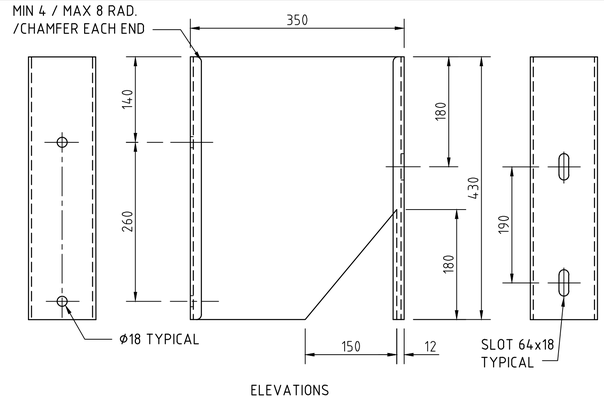


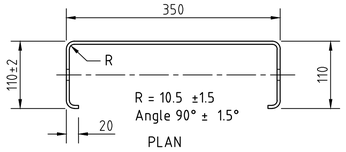
* OR LONGER AS NECESSARY

ELEVATIONS

POST - W BEAM (P001) - THRIE (P003)

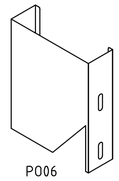


ELEVATIONS

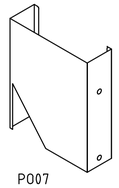


PLAN

NOTE:
RIGHT-HAND AND LEFT-HAND NOTCH REQUIRED



P006
USE ON VERGE NOTCH RHS

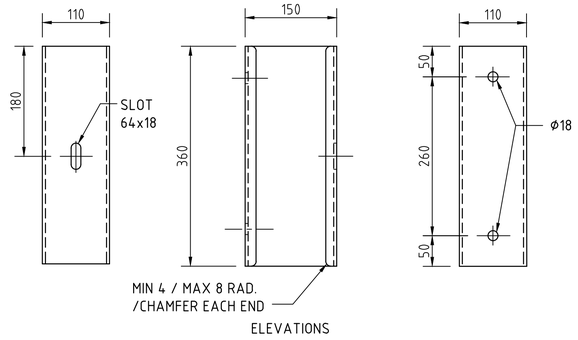


P007
USE ON MEDIAN NOTCH LHS

ISOMETRIC VIEWS

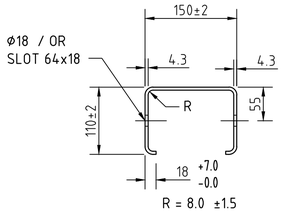
MODIFIED BLOCKOUT - THRIE BEAM (P006/P007)

SCALE 1:5



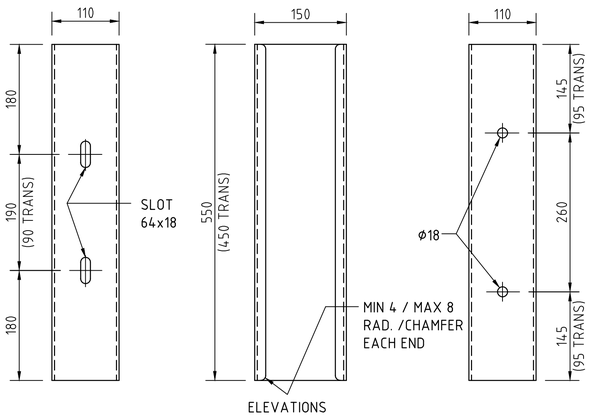
ELEVATIONS

BLOCKOUT - W BEAM (P002)



SECTION THROUGH POST AND BLOCKOUT

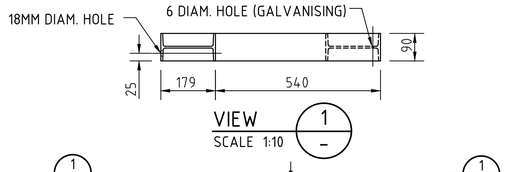
SCALE 1:5



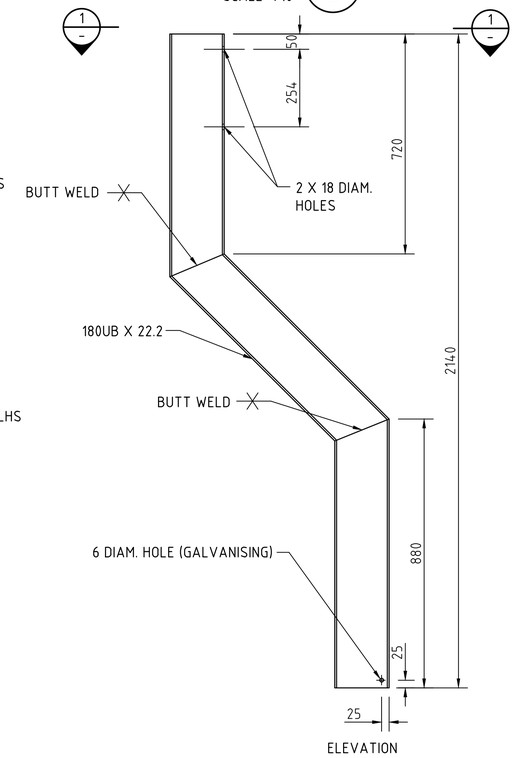
ELEVATIONS

BLOCKOUT- THRIE BEAM (P004) - TRANSITION W/THRIE BEAM (P005)

DIMENSIONS FOR TRANSITION BLOCKOUT P005 SHOWN IN BRACKETS
TRANSITION BLOCKOUT P005 TO BE USED WITH POST P001



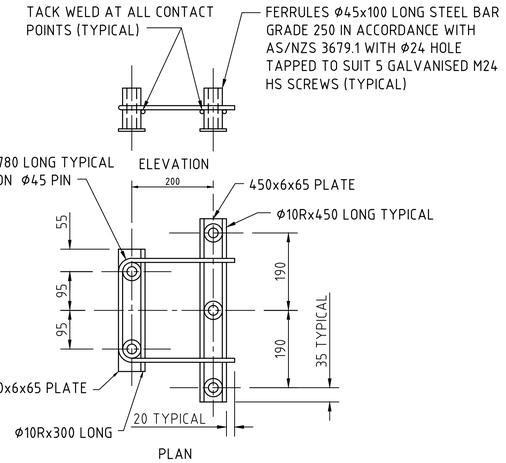
VIEW 1
SCALE 1:10



ELEVATION

G11 - CRANKED POST (SEE NOTE 9) ⚠

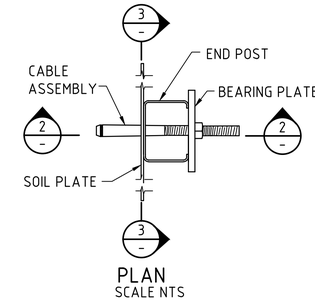
SCALE 1:10



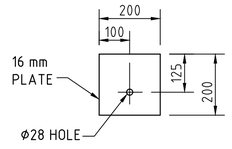
PLAN

CAST-IN ANCHOR ASSEMBLY (FC02) FOR THRIE-BEAM

SCALE NTS

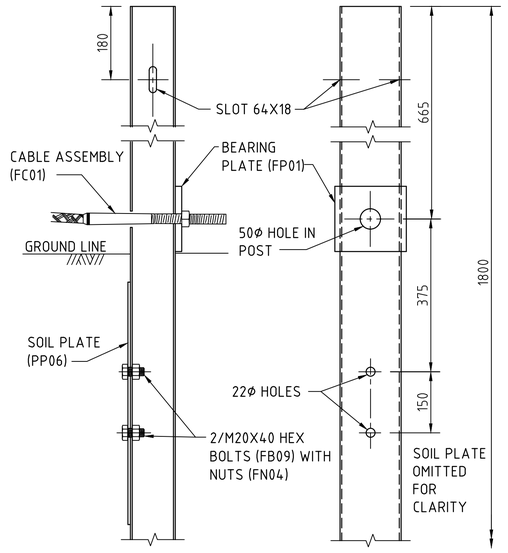


PLAN
SCALE NTS



BEARING PLATE (FP01)

SCALE 1:10



VIEW 2
SCALE 1:10

VIEW 3
SCALE 1:10

STEEL END POST (P015) - TRAILING TERMINAL

NOTES

GENERAL

1. W/THRIE BEAM POSTS ARE FROM 4.3 BMT PLATE GRADE HA300 IN ACCORDANCE WITH AS/NZS 1594.
2. CRANKED POSTS FABRICATED FROM UNIVERSAL COLUMNS (UC) TO BE GRADE 300 STEEL TO AS 3670 WELDED IN ACCORDANCE WITH AS/NZS 1554.1.
3. BLOCKOUTS ARE FROM STEEL GRADE HU300 IN ACCORDANCE WITH AS/NZS 1594, MODIFIED THRIE BEAM BLOCKOUT FROM 6 BMT PLATE AND ALL OTHER BLOCKOUTS FROM 4.3 BMT PLATE. BMT = BASE METAL THICKNESS.
4. SOIL PLATES SHALL BE FABRICATED FROM STEEL GRADE 250 IN ACCORDANCE WITH AS/NZS 1594.
5. BEARING PLATES SHALL BE FABRICATED FROM STEEL GRADE HA250 IN ACCORDANCE WITH AS/NZS 3678.
6. POSTS, BLOCKOUTS AND PLATES TREATED TO AS 1627 AND HOT DIP GALVANISED TO AS/NZS 4680 AFTER FABRICATION.
7. TIGHTENING OF NUTS: NUT FN05 TO CABLE ASSEMBLY TO BE TIGHTENED SO THAT THERE IS NO SLACK IN THE CABLE. ALL OTHER NUTS SHALL BE SNUG TIGHT TO AS 4100.
8. DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES EXCEPT WHERE ALLOWABLE TOLERANCES ARE NOMINATED.
9. ⚠ CRANKED POST TO BE USED ONLY TO MAINTAIN EXISTING INSTALLATIONS.

No.	AMENDMENT DESCRIPTION	BY	CHECK	ACCEPTANCE	DATE
⚠	TITLE BLOCK UPDATE, NOTE ADDED	JACOBS			30/10/20
⚠	CRANKED POST & BLOCKOUT DETAILS CHANGED	AP	PM	PM	2/12/13
⚠	NOTES MODIFIED	AP	PM	PM	20/6/11
⚠	NOTE ADDED	AP	PM	PD	5/6/06
⚠	IDENTIFIER ADDED	AP	PD	GW	4/8/05
⚠	SUPERSEDE NOTE ADDED	AP	PD	GW	27/6/05

100 MILLIMETRES ON ORIGINAL A1 DRAWING

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE

UNCONTROLLED COPY WHEN PRINTED

⚠ SUPERSEDES DRG S-4050 SHEETS 29-35

DESIGNED
QUALIFICATION DATE: DD/MM/YYYY
REVIEWER
QUALIFICATION DATE: DD/MM/YYYY
INDEPENDENT DESIGN CERTIFIER (IF REQUIRED)
QUALIFICATION DATE: DD/MM/YYYY

Government of South Australia
Department for Infrastructure and Transport

STANDARD DRAWING

STEEL BEAM GUARDFENCE

POSTS, BLOCKOUTS AND ANCHOR ASSEMBLY

DESIGNED:	DRAFTED:	ACCEPTED FOR USE:	ACCEPTANCE FORM KNET No.:	DRAWING No.:	SHEET No.:	AMEND No.:
A.P.	DIT	G.W. CHAPLIN		S - 4050	46	6
CHECKED: A.P.	REVIEWED: A.N.	DATE: 06/08/2004		LATITUDE:	LONGITUDE:	

FILE: \\jacobs.com\ANZ\IE\Projects\06_Central West\IW247000\21 Deliverables\Drawings\4050_SHT_46_AMD_6.dwg
19/01/2021 1:46:33 PM