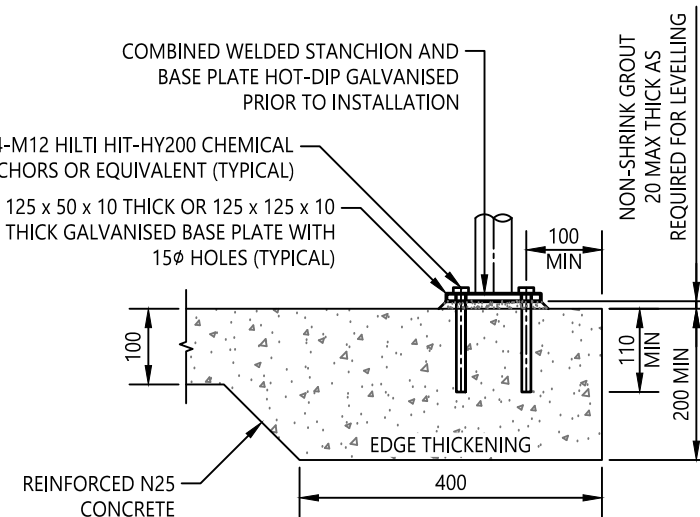


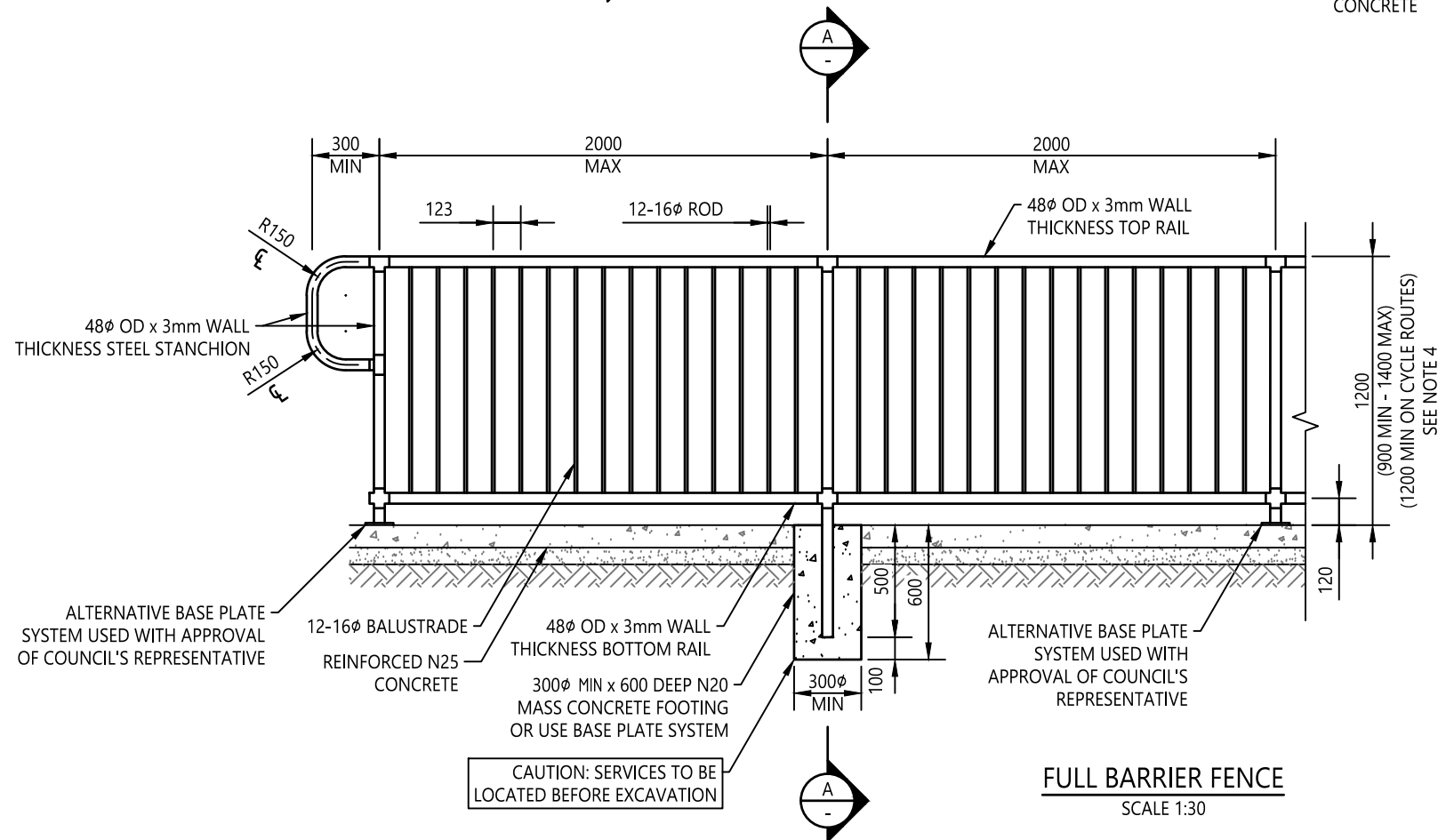
PARTIAL BARRIER FENCE
SCALE 1:30



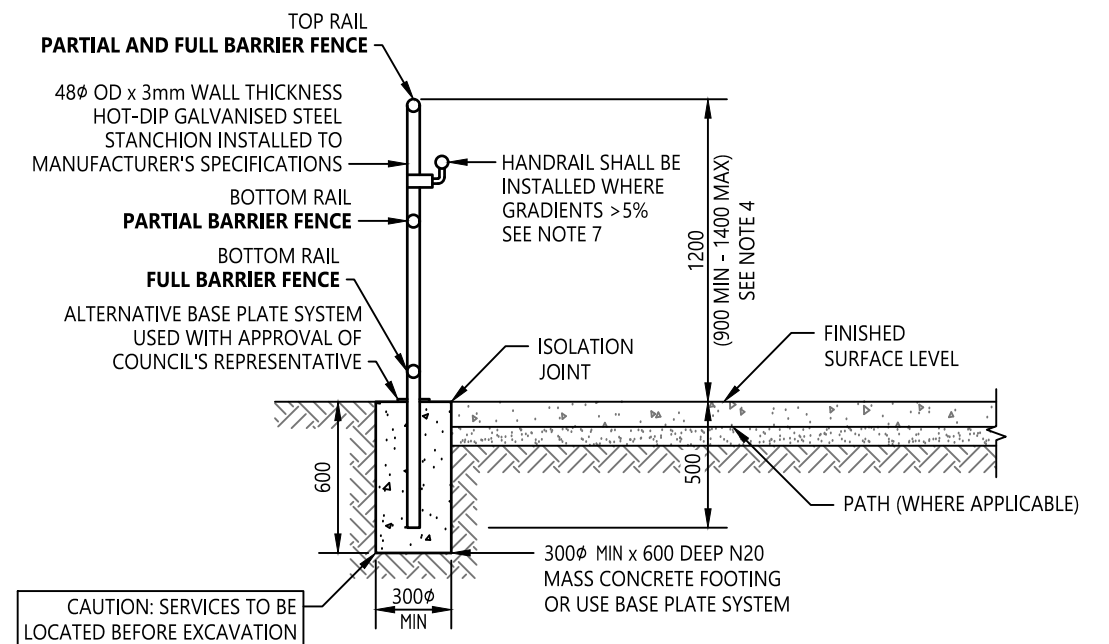
BASE PLATE DETAIL
SCALE 1:10

NOTES:

1. REFER TO THE RELEVANT AUSTRROADS GUIDELINES AND AUSTRALIAN STANDARDS FOR DESIGN REQUIREMENTS OF BARRIER FENCES.
2. BARRIER FENCE TYPE SELECTION TO BE DETERMINED BY HAZARD RISK ASSESSMENT METHODOLOGY. REFER TO COUNCIL'S BARRIER SELECTION GUIDELINES AND THE MANUFACTURER'S SPECIFICATIONS.
3. REFER TO COUNCIL'S STANDARD DRAWING SD0601 FOR SHARED PATH REQUIREMENTS FOR BARRIER FENCES AT BATTERS AND VERTICAL DROPS.
4. WHERE THE FENCE IS PROTECTING PATH USERS FROM A VERY SEVERE HAZARD, THE FENCE HEIGHT SHALL BE INCREASED TO 1.4m OR HIGHER.
5. BARRIER FENCES PLACED WITHIN CLEAR ZONES IN ROAD RELATED AREAS SHOULD BE ASSESSED FOR ROADSIDE SUITABILITY.
6. TNSW ROADSIDE AND MEDIAN PEDESTRIAN FENCES SHALL BE PROVIDED ON CLASSIFIED ROADS AND ON OTHER ROADS WHERE CONSIDERED BY COUNCIL'S REPRESENTATIVE TO BE APPROPRIATE FOR ROAD USER SAFETY REASONS.
7. PEDESTRIAN ASSIST DISABILITY HANDRAILS (865mm MIN 1000mm MAX HIGH) SHALL BE PROVIDED ON RAMP IN ACCORDANCE WITH AS 1428.1, OR WHERE OTHERWISE REQUIRED BY COUNCIL'S REPRESENTATIVE.
8. TERMINAL TREATMENTS SHALL BE PROVIDED SO THAT THE BARRIER FENCE IS NOT HAZARDOUS TO CYCLISTS.
9. ALL STEEL COMPONENTS SHALL BE HOT-DIP GALVANISED TO AS/NZS 1214, AS/NZS 4680 AND AS/NZS 4792 AS REQUIRED. CONSIDER USING STAINLESS STEEL COMPONENTS IN A MARINE ENVIRONMENT.
10. COLOUR POWDER-COATING MAY BE APPLIED TO THE BARRIER FENCE WITH THE APPROVAL OF COUNCIL'S REPRESENTATIVE.
11. DIMENSIONS OF BARRIER FENCES MAY VARY BETWEEN MANUFACTURERS.



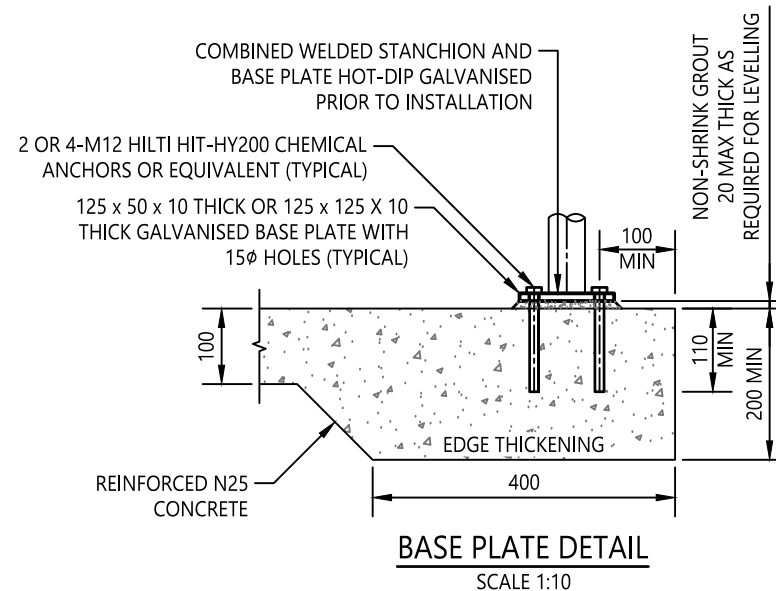
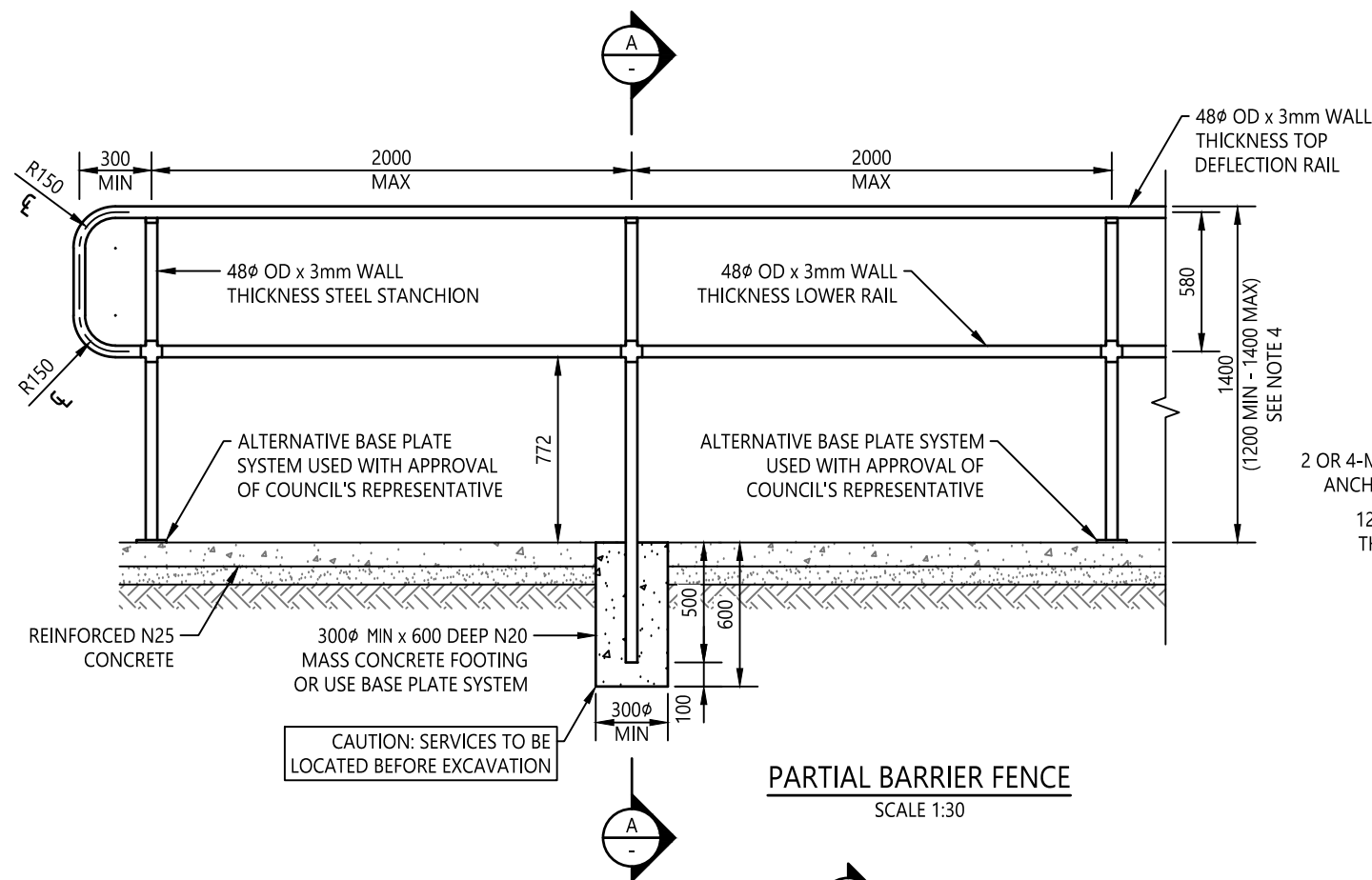
FULL BARRIER FENCE
SCALE 1:30



CONCRETE FOOTING DETAIL

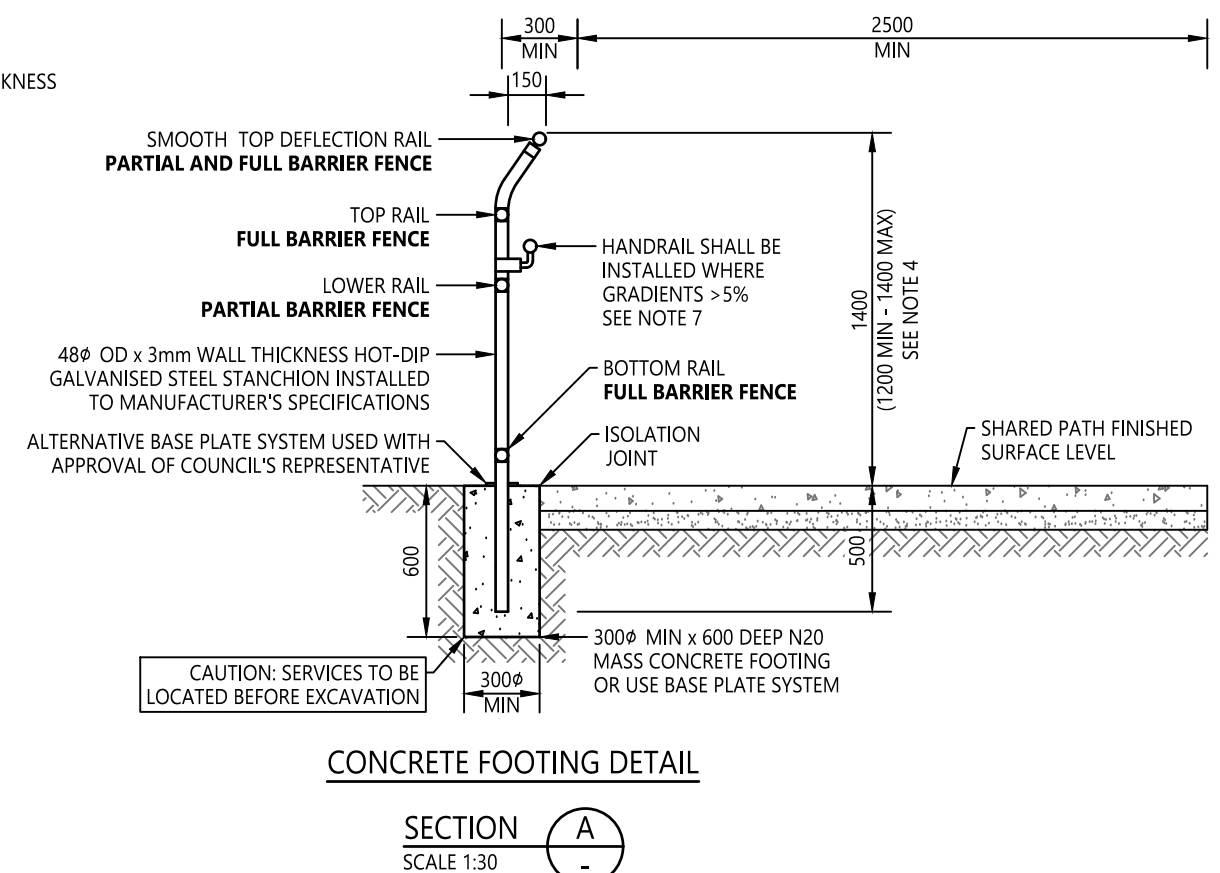
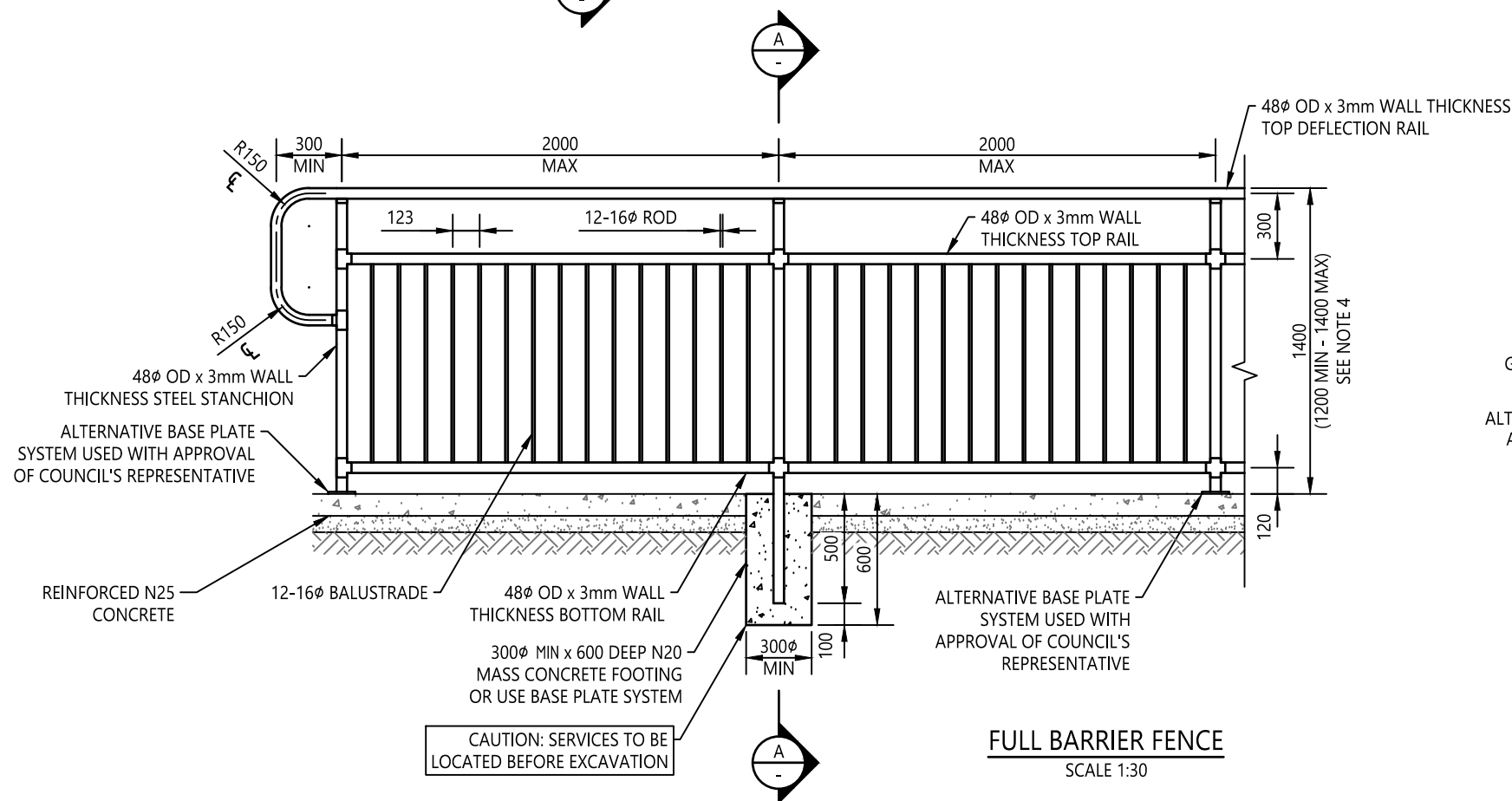
SECTION A
SCALE 1:30

REV	AMENDMENT	DATE	DRAWN	APRVD	SCALE ON ORIGINAL A3 SIZE DRAWING	DRAWN	CS/TW	DATE	UNIT MANAGER APPROVAL	ASSETS PLANNING AND DESIGN	ROADS TRANSPORT DRAINAGE AND WASTE	Central Coast Council	FENCE SERIES FULL AND PARTIAL BARRIER PEDESTRIAN FENCE	STANDARD DRAWING	
														DRAWING NUMBER	REV
					0 100 200 300 400 500 1:10 0 300 600 900 1200 1500 1:30			28/4/20						SD0701	-
														SHEET 1 OF 1	A3

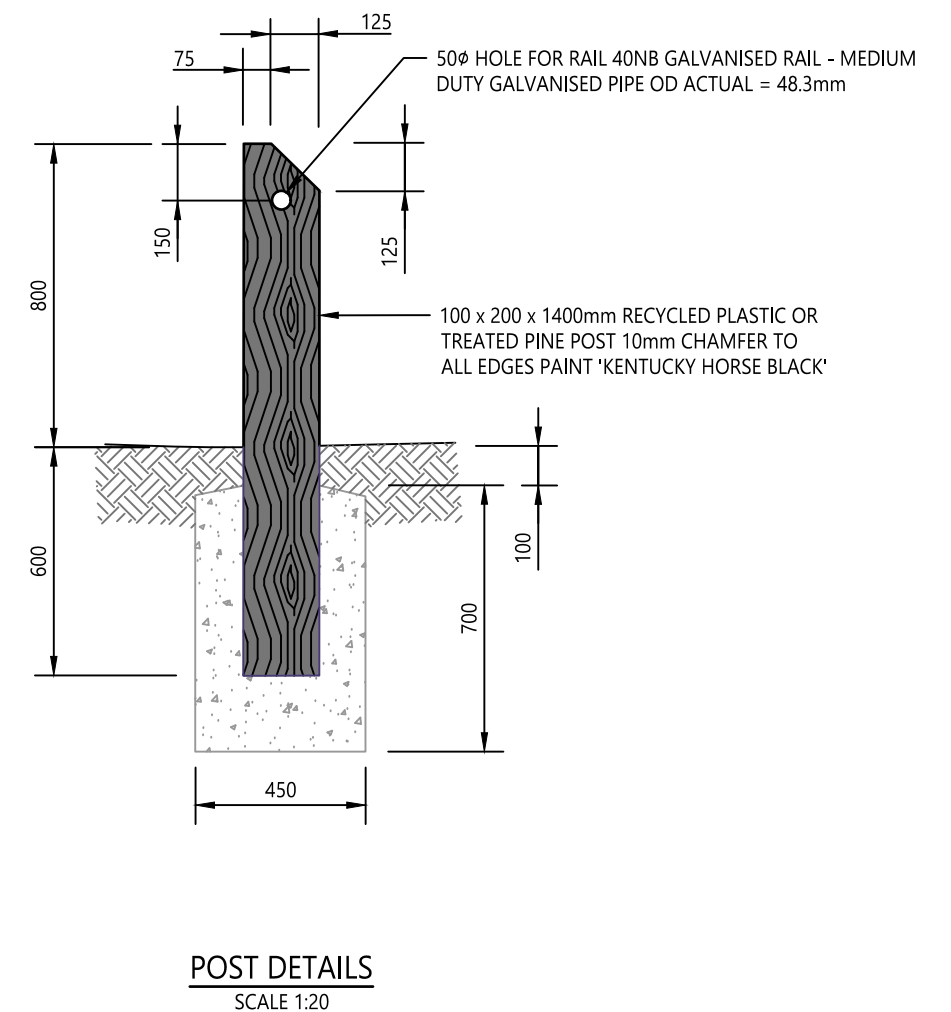
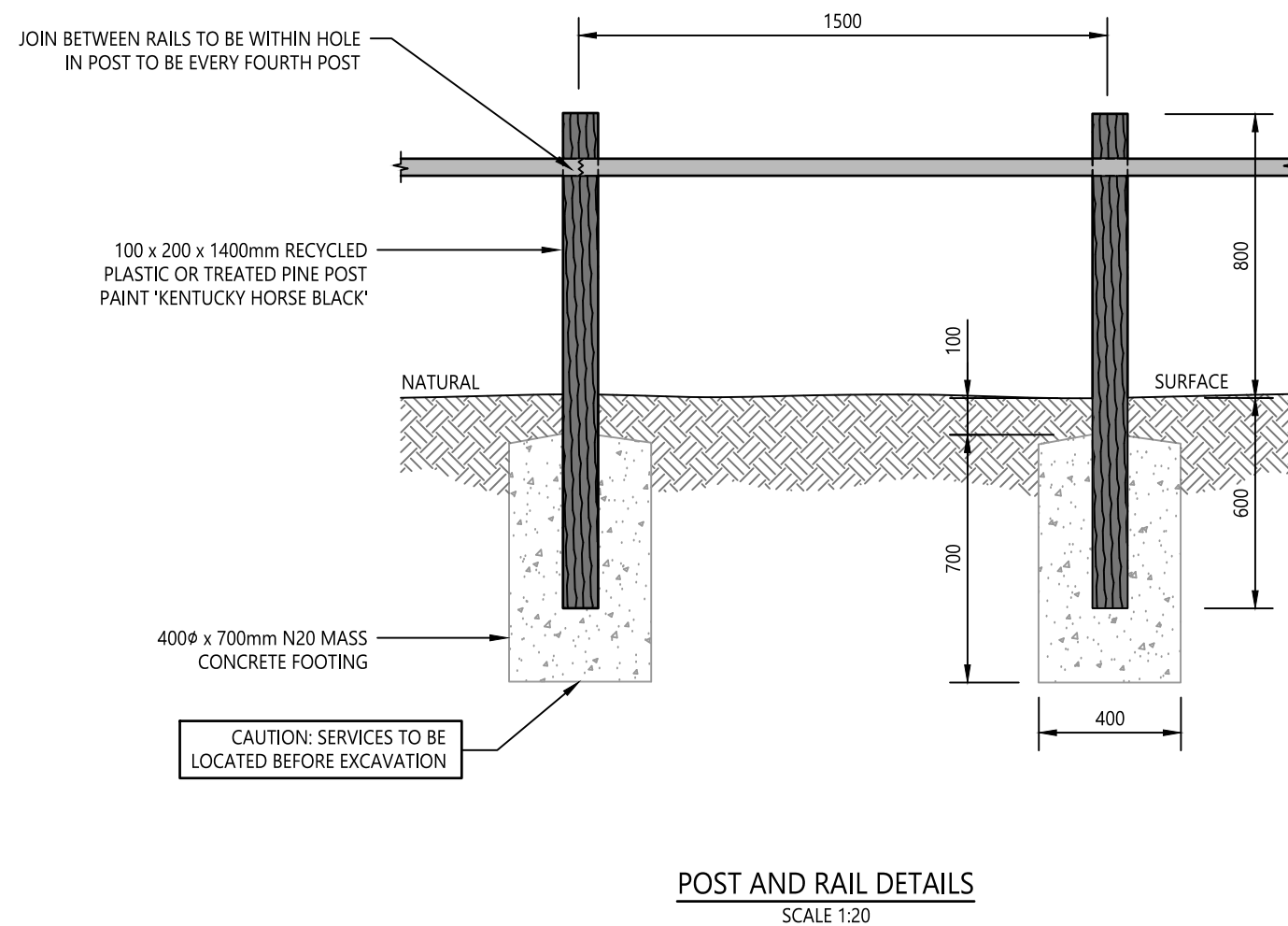
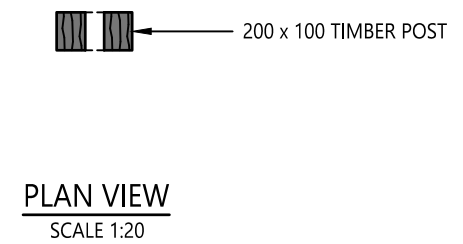
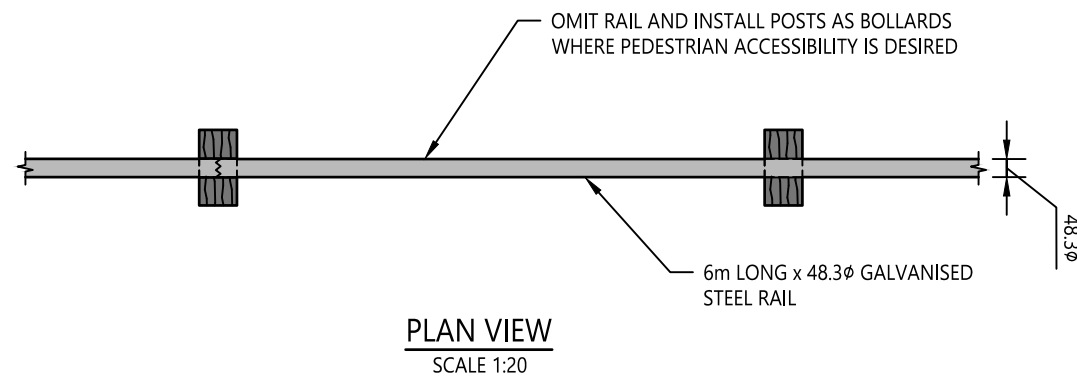


NOTES:


1. REFER TO THE RELEVANT AUSTRROADS GUIDELINES AND AUSTRALIAN STANDARDS FOR DESIGN REQUIREMENTS OF BARRIER FENCES.
2. BARRIER FENCE TYPE SELECTION TO BE DETERMINED BY HAZARD RISK ASSESSMENT METHODOLOGY. REFER TO COUNCIL'S BARRIER SELECTION GUIDELINES AND THE MANUFACTURER'S SPECIFICATIONS.
3. REFER TO COUNCIL'S STANDARD DRAWING SD0601 FOR SHARED PATH REQUIREMENTS FOR BARRIER FENCES AT BATTERS AND VERTICAL DROPS.
4. WHERE THE FENCE IS PROTECTING PATH USERS FROM A VERY SEVERE HAZARD, THE FENCE HEIGHT SHALL BE INCREASED TO 1.4m OR HIGHER.
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6. TfNSW ROADSIDE AND MEDIAN PEDESTRIAN FENCES SHALL BE PROVIDED ON CLASSIFIED ROADS AND ON OTHER ROADS WHERE CONSIDERED BY COUNCIL'S REPRESENTATIVE TO BE APPROPRIATE FOR ROAD USER SAFETY REASONS.
7. PEDESTRIAN ASSIST DISABILITY HANDRAILS (865mm MIN 1000mm MAX HIGH) SHALL BE PROVIDED ON RAMP IN ACCORDANCE WITH AS 1428.1, OR WHERE OTHERWISE REQUIRED BY COUNCIL'S REPRESENTATIVE.
8. TERMINAL TREATMENTS SHALL BE PROVIDED SO THAT THE BARRIER FENCE IS NOT HAZARDOUS TO CYCLISTS.
9. ALL STEEL COMPONENTS SHALL BE HOT-DIP GALVANISED TO AS/NZS 1214, AS/NZS 4680 AND AS/NZS 4792 AS REQUIRED. CONSIDER USING STAINLESS STEEL COMPONENTS IN A MARINE ENVIRONMENT.
10. COLOUR POWDER-COATING MAY BE APPLIED TO THE BARRIER FENCE WITH THE APPROVAL OF COUNCIL'S REPRESENTATIVE.
11. DIMENSIONS OF BARRIER FENCES MAY VARY BETWEEN MANUFACTURERS.

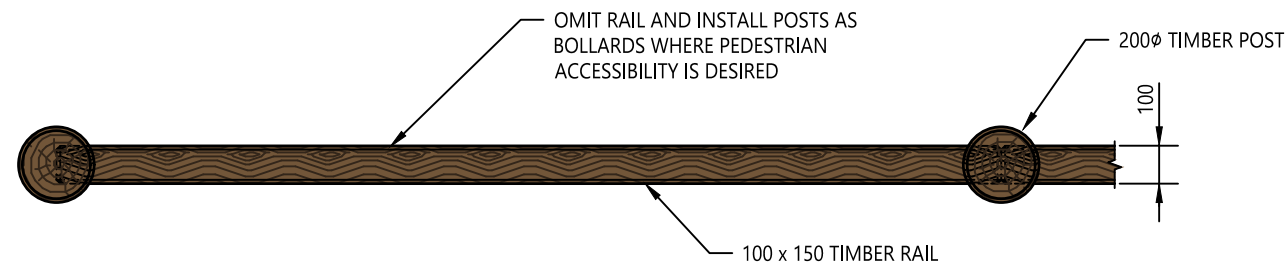


					<div>SCALE ON ORIGINAL A3 SIZE DRAWING</div> <div>01002003004005001:10</div> <div><div></div></div> <div>0300600900120015001:30</div>	<div>DRAWN</div> <div>CHECKED</div> <div>DATE</div> <div>UNIT MANAGER APPROVAL</div> <div><div></div></div> <div>ASSETS PLANNING AND DESIGN</div>	<div>CS/TW</div> <div>M BAMBER</div> <div>28/4/20</div> <div></div> <div>ROADS TRANSPORT DRAINAGE AND WASTE</div>	<div>Central Coast Council</div>	<div>Central Coast Council</div> <div>FENCE SERIES</div> <div>BICYCLE SAFETY BARRIER FENCE</div>	<div>STANDARD DRAWING</div> <div>DRAWING NUMBER</div> <div>SD0702</div> <div>SHEET 1 OF 1</div> <div>REV</div> <div>-</div> <div>A3</div>
REV	AMENDMENT	DATE	DRAWN	APRVD	ALL DIMENSIONS IN mm UNLESS OTHERWISE SHOWN					

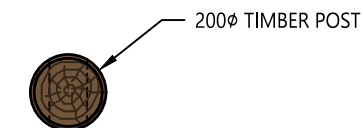


POST AND RAIL FENCE AND TIMBER BOLLARD - TYPE 1

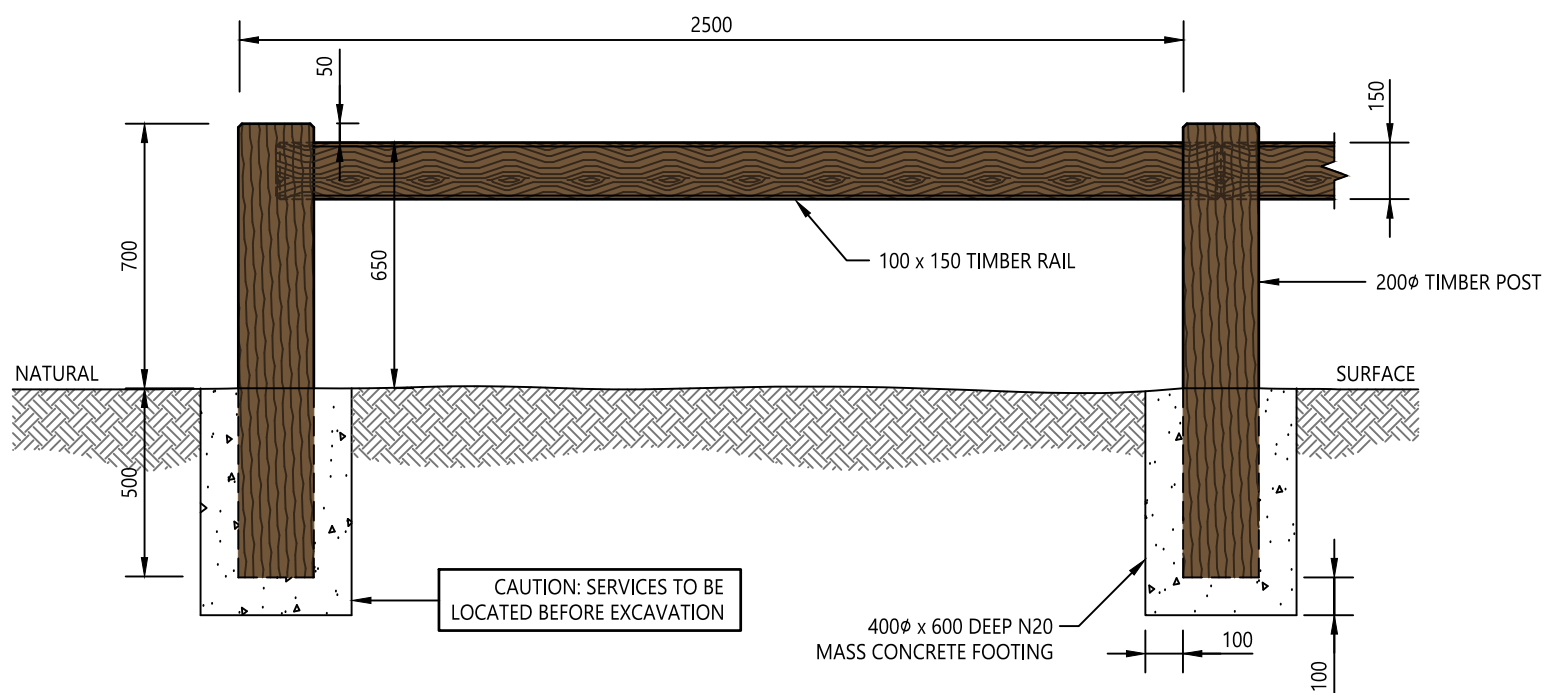
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					<div>02004006008001000</div> <div><div></div><div></div><div></div><div></div><div></div></div> <div>1:20</div>		CHECKED	M BAMBER		FENCE SERIES POST AND RAIL FENCE AND TIMBER BOLLARD	DRAWING NUMBER	REV	
							DATE	28/4/20			SD0703	-	
							UNIT MANAGER APPROVAL				SHEET 1 OF 2	A3	
					ALL DIMENSIONS IN mm UNLESS OTHERWISE SHOWN		ASSETS PLANNING AND DESIGN			ROADS TRANSPORT DRAINAGE AND WASTE			



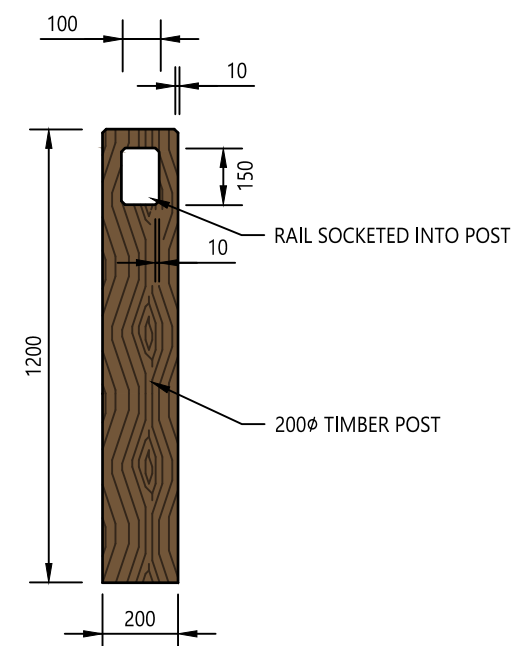
PLAN VIEW
SCALE 1:20



PLAN VIEW
SCALE 1:20





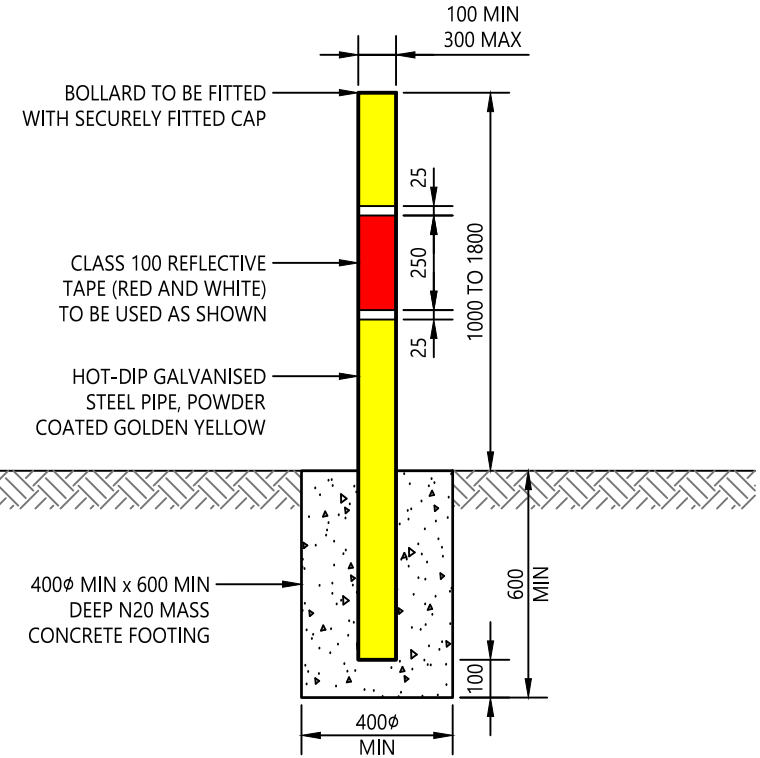
POST AND RAIL DETAILS
SCALE 1:20



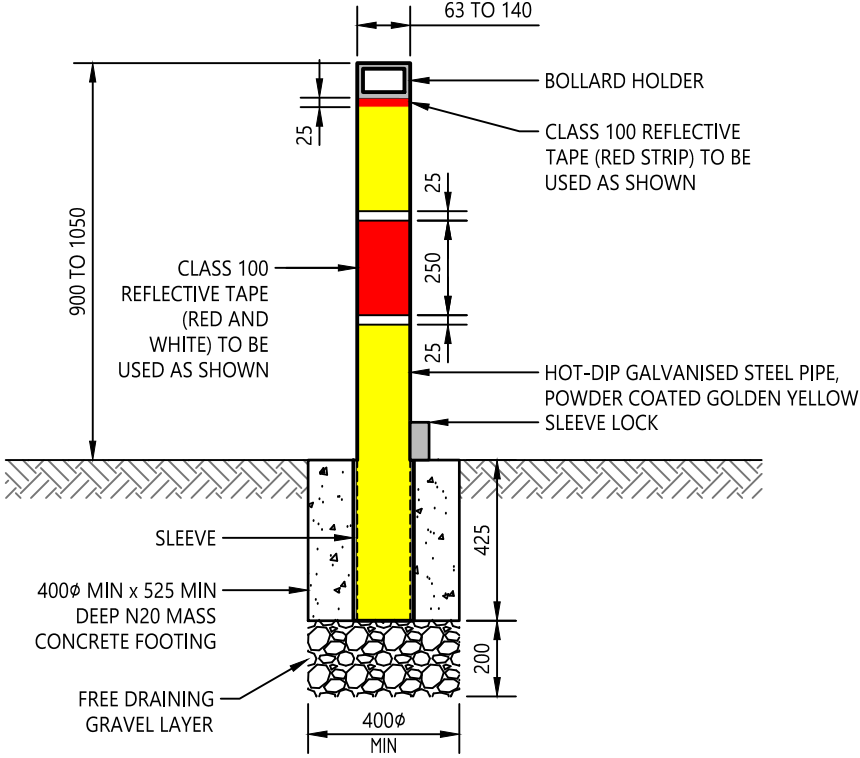
POST DETAILS
SCALE 1:20

POST AND RAIL FENCE AND TIMBER BOLLARD - TYPE 2

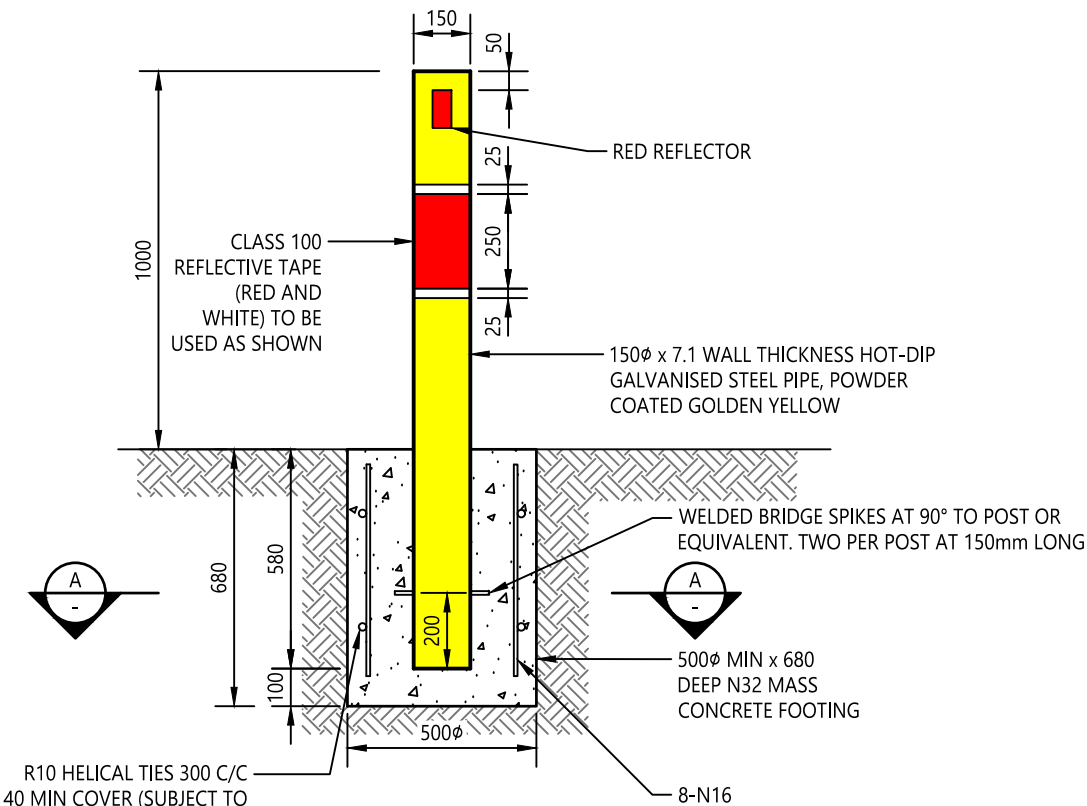
					<div>SCALE ON ORIGINAL A3 SIZE DRAWING</div> <div><div>02004006008001000</div><div><div></div><div></div><div></div><div></div><div></div></div><div>1:20</div></div>	<div>DRAWN</div> <div>D MILLER</div> <div>CHECKED</div> <div>M BAMBER</div> <div>DATE</div> <div>28/4/20</div> <div>UNIT MANAGER APPROVAL</div> <div></div> <div>ASSETS PLANNING AND DESIGN</div>	<div></div> <div>ROADS TRANSPORT DRAINAGE AND WASTE</div>	<div>Central Coast Council</div> <div>FENCE SERIES</div> <div>POST AND RAIL FENCE AND TIMBER BOLLARD</div>	<div>STANDARD DRAWING</div> <div>DRAWING NUMBER</div> <div>SD0703</div> <div>SHEET 2 OF 2</div>	<div>REV</div> <div>-</div> <div>A3</div>
REV	AMENDMENT	DATE	DRAWN	APRVD	ALL DIMENSIONS IN mm UNLESS OTHERWISE SHOWN					



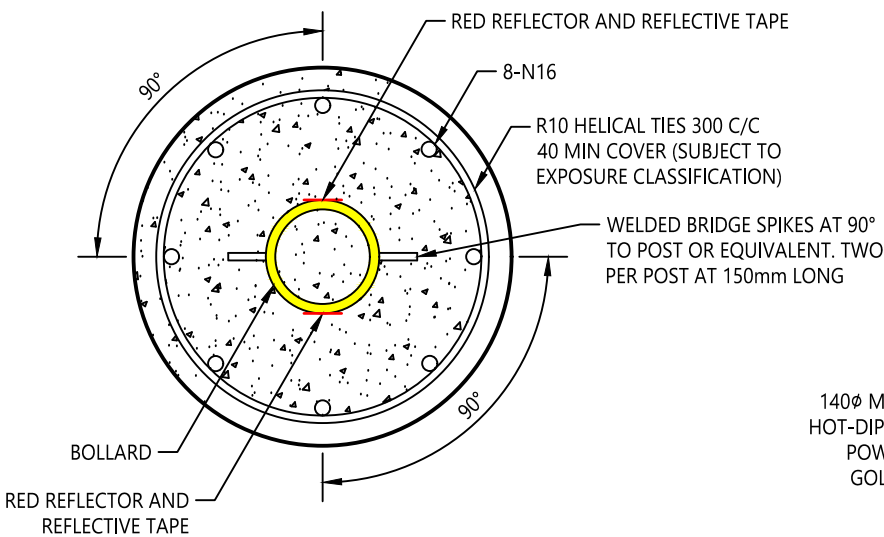
STEEL BOLLARD
SCALE 1:20



REMOVABLE BOLLARD
SCALE 1:20



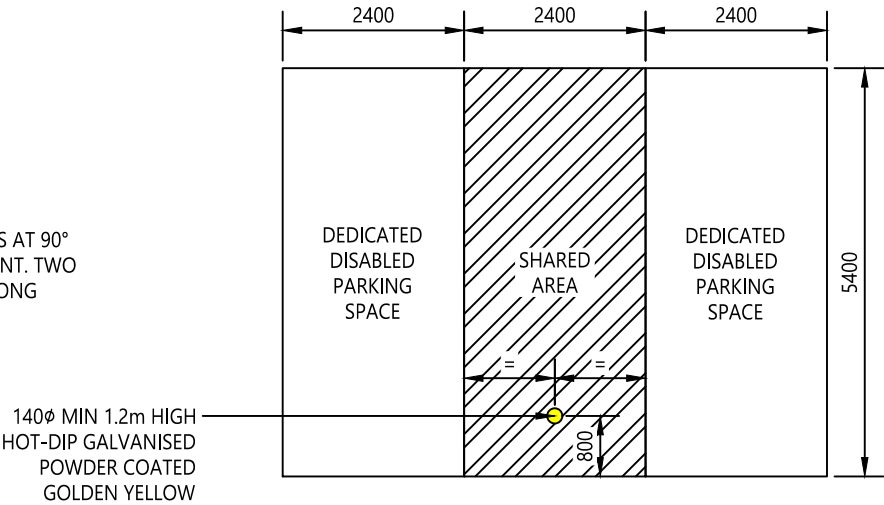
VEHICLE ARREST BOLLARD
SCALE 1:20



SECTION A
SCALE 1:10

NOTES:

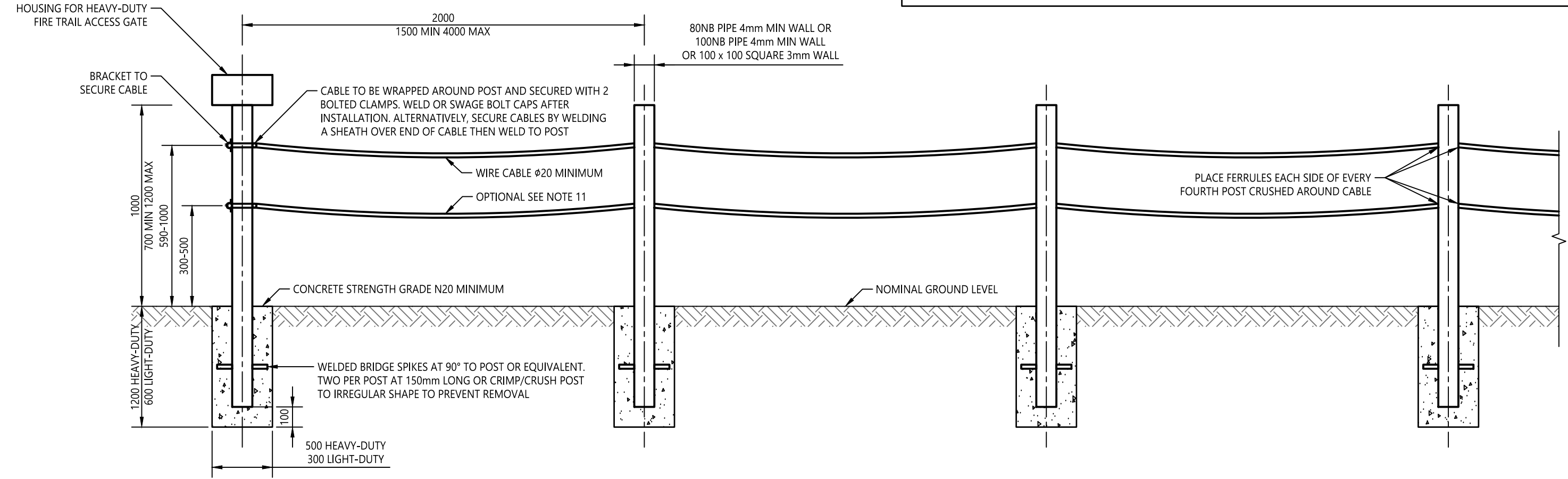
1. CONCRETE STRENGTH GRADE TO BE N20, UNLESS OTHERWISE SPECIFIED.
2. BOLLARDS SHALL BE HOT-DIP GALVANISED AND POWDER COATED GOLDEN YELLOW, UNLESS OTHERWISE SPECIFIED.
3. CONSIDER USE OF STAINLESS STEEL BOLLARDS FOR INSTALLATIONS IN A MARINE ENVIRONMENT.
4. BOLLARDS AND FIXINGS SHALL BE INSTALLED TO THE MANUFACTURER'S SPECIFICATIONS.
5. VEHICLE ARREST BOLLARDS SHALL BE INSTALLED IN A SERIES TO PREVENT VEHICLE PENETRATION.
6. DIMENSIONS OF BOLLARDS MAY VARY BETWEEN MANUFACTURERS.



DISABLED PARKING SPACE BOLLARD
SCALE 1:100

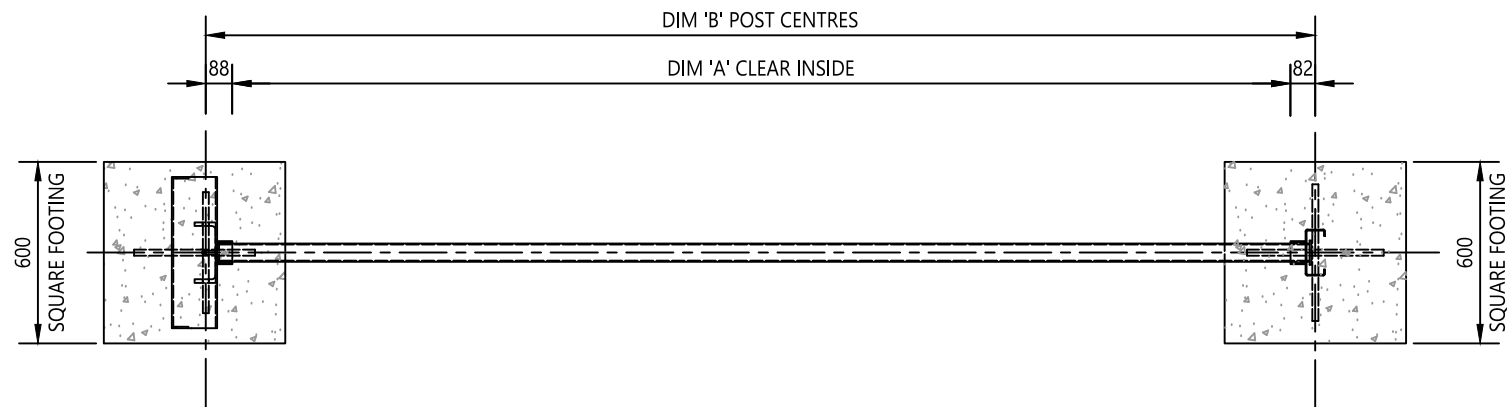
REV	AMENDMENT	DATE	DRAWN	APRVD	SCALE ON ORIGINAL A3 SIZE DRAWING	DRAWN	T WILLIS	CHECKED	M BAMBER	DATE	28/4/20	UNIT MANAGER APPROVAL	ASSETS PLANNING AND DESIGN	ROADS TRANSPORT DRAINAGE AND WASTE	Central Coast Council	FENCE SERIES STEEL BOLLARD	STANDARD DRAWING	
																	DRAWING NUMBER	REV
					0 200 400 600 800 1000 1:20 0 1000 2000 3000 4000 5000 1:100												SD0704	-
																	SHEET 1 OF 1	A3

- NOTES:**
- 1. THIS STANDARD DRAWING IS BASED ON DRAWING 1065WM050 BY iINVENT PTY LTD DATED 6/9/2017.
 - 2. USE 80NB OR 100NB (4mm MINIMUM WALL) PIPE POSTS AS BOLLARDS OR CONCRETE OR SANDSTONE BLOCKS.
 - 3. ALL STEELWORK TO BE HOT-DIP GALVANISED AFTER FABRICATION.
 - 4. NOMINAL SPACE BETWEEN BOLLARDS 1500mm OR AS SHOWN IN THIS DRAWING.
 - 5. CONCRETE STRENGTH GRADE TO BE N20 MINIMUM.
 - 6. HEAVY-DUTY FOOTINGS 1200×500×500mm.
 - 7. LIGHT-DUTY FOOTINGS 600×300×300mm.
 - 8. ALTERNATIVE LIGHT-DUTY FOOTING Ø300×600.
 - 9. BOLLARDS TO BE CAPPED AND FITTED WITH ANTI-TAMPER SCREWS.
 - 10. GATE INSTALLATION (WHERE REQUIRED) TO BE SUPPORTED BY PLACEMENT OF BOLLARDS CABLED TOGETHER TO PREVENT ALTERNATIVE PATHS BEING FORMED AS DETAILED IN THIS DRAWING.
 - 11. 60NB x 4mm WALL THICKNESS STAYS MAY BE REQUIRED AT TERMINAL ENDS OF THE FENCE AND AT CHANGES OF DIRECTION.
 - 12. FOOTING DEPTH OF STAYS TO BE 500mm MINIMUM AND FOOTING WIDTH OF STAYS TO BE 400Ø.
 - 13. OPTIONAL DOUBLE CABLE TO BE USED FOR ADDITIONAL SECURITY IN AREAS WHERE SPECIFIED BY COUNCIL'S REPRESENTATIVE.
 - 14. WHERE A PEDESTRIAN GAP IS REQUIRED, A GAP OF 400mm MAXIMUM SHOULD BE PROVIDED TO PREVENT ENTRY OF MOTORCYCLES.



FIRE TRAIL STEEL POST AND CABLE FENCE
SCALE 1:20

REV	AMENDMENT	DATE	DRAWN	APRVD	<div>SCALE ON ORIGINAL A3 SIZE DRAWING</div> <div><div>02004006008001000</div><div><div></div><div></div><div></div><div></div><div></div></div><div>1:20</div></div>	DRAWN	T WILLIS	<div><div></div><div>Central Coast Council</div></div>	Central Coast Council		STANDARD DRAWING	
					CHECKED	M BAMBER	<div>FENCE SERIES</div> <div>FIRE TRAIL STEEL POST AND CABLE FENCE</div>		DRAWING NUMBER	REV		
					DATE	28/4/20			SD0705	-		
					UNIT MANAGER APPROVAL				SHEET 1 OF 1	A3		
				ALL DIMENSIONS IN mm UNLESS OTHERWISE SHOWN		ASSETS PLANNING AND DESIGN		ROADS TRANSPORT DRAINAGE AND WASTE				



PLAN
1 REQUIRED AS DRAWN

PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	1	1065WM055	FIXED POST WELDMENT	
2	1	1065WM057	SLIP RAIL WELDMENT	
3	1	1065WM058	END POST WELDMENT	

DIMENSION TABLE

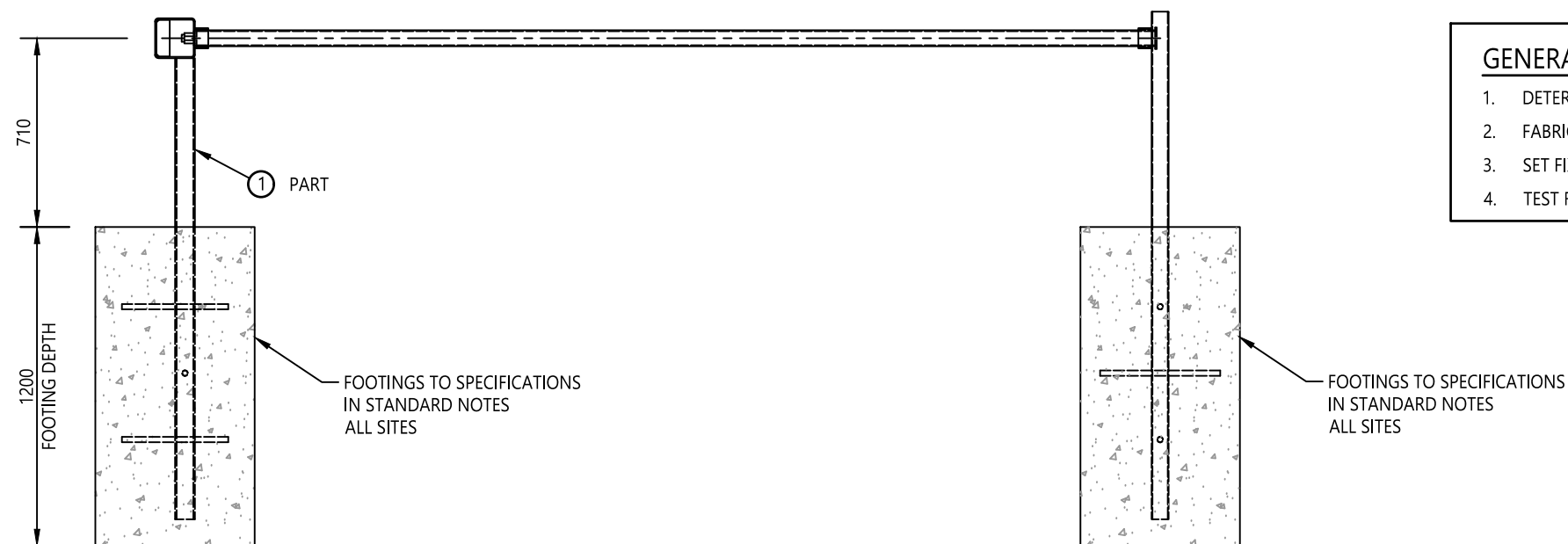
DIMENSION	LENGTH	COMENTS
DIM 'A'	3500	NOMINAL CLEAR OPENING
DIM 'B'	DIM 'A' + 170	POST CENTRES
DIM 'C'	DIM 'A' + 107	SLIP RAIL LENGTH SEE SHEET 4

STANDARD NOTES:

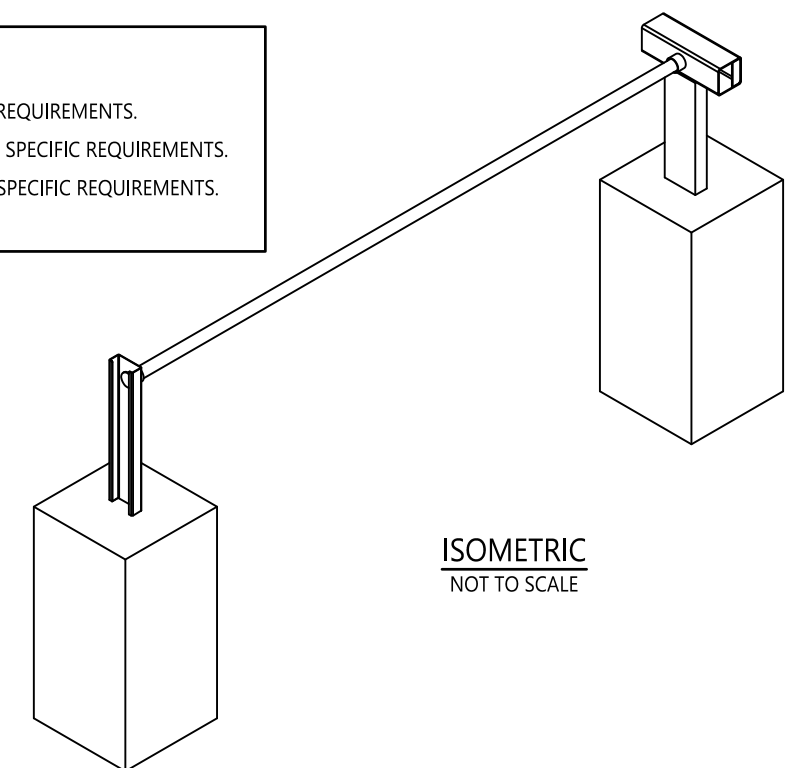
- THIS STANDARD DRAWING IS BASED ON DRAWING 1065GA003 BY iINVENT PTY LTD DATED 6/5/2014.
- UNLESS OTHERWISE SPECIFIED THE FOLLOWING STANDARDS APPLY. THIS DOES HOWEVER ALLOW FOR SITE SPECIFIC ALTERATIONS AS NECESSARY WHERE AGREED PRIOR TO PROCUREMENT.
- ALL CONCRETE MUST BE PROCURED IN READY MIX STATE AND DOCUMENTATION ON STRENGTH GRADE (N20) AND VOLUMES PROVIDED TO COUNCIL UPON REQUEST.
- ALL SPOIL FROM EXCAVATIONS MUST BE EITHER SPREAD ON SITE (TAKING CARE TO MINIMISE EROSION AN SEDIMENTATION AND IMPACT ON VEGETATION) OR DISPOSED OF AT COUNCIL'S WASTE MANAGEMENT FACILITY (RECEIPT TO BE PROVIDED ON REQUEST), THIS IS TO BE AGREED WITH COUNCIL'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORKS.
- FIRE TRAIL GATES AND BOLLARDS SHALL BE FABRICATED TO STANDARDS DETAILED ON COUNCIL'S STANDARD DRAWING.
- FIRE TRAIL GATES ARE TO OPEN INWARDS TO THE RESERVE (ASSIST PREVENTION OF ILLEGAL OPENING).
- BOLLARDS ARE TO BE SPACED AS REGULARLY AS POSSIBLE TAKING INTO ACCOUNT TERRAIN, ACCESS FOR INSTALLATION AND SUBSURFACE CONDITIONS. THIS WILL MEAN CENTRES AT DISTANCES OF NO LESS THAN 1200mm AND NO MORE THAN 2200mm EXCEPT IN EXCEPTIONAL CIRCUMSTANCES.
- GATES AND BOLLARDS TO BE PLACED TO COMPLETELY SHUT DOWN THE ACCESS WIDTH AS FAR AS REASONABLY POSSIBLE. ATTACH CABLES DIRECTLY TO GATE POSTS AND LOCATE TERMINAL BOLLARDS AS CLOSE AS POSSIBLE TO EXISTING FENCE LINES OR LANDSCAPE FEATURES. A KEY FOCUS IS TO REDUCE ENTRY OF MOTORCYCLES TO PUBLIC RESERVES.
- GATES AND BOLLARDS ARE TO BE PLACED TO ACCOMMODATE SERVICES, INCLUDING (BUT NOT LIMITED TO) TELECOMMUNICATION, WATER, SEWER, DRAINAGE, ELECTRICITY AND GAS INFRASTRUCTURE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO UNDERTAKE 'DIAL BEFORE YOU DIG' ASSESSMENT OF THE SITE BEFORE COMMENCEMENT OF CONSTRUCTION TO ENSURE THERE IS NO DAMAGE TO INFRASTRUCTURE.
- GATES AND BOLLARDS ARE TO BE LOCATED TO USE NATURAL OR MAN-MADE FEATURES TO CLOSE DOWN ACCESS. FOR EXAMPLE, STEEP SLOPES, THICK VEGETATION AND DRAINAGE INFRASTRUCTURE. COUNCIL STAFF WILL PROVIDE CLARIFICATION ON INDIVIDUAL SITES ON REQUEST, OR AT SITE MEETINGS WHERE ARRANGED.
- OPEN EARTHWORKS MUST BE MADE SAFE OR SUITABLE AND/OR BARRICADES USED AS NECESSARY WHILST AWAITING INSPECTION BY COUNCIL'S REPRESENTATIVE.
- ONE STANDARD SIGN POST TO BE INSTALLED ADJACENT TO EACH GATE OR SLIP RAIL.
- HOLD POINTS WILL BE INCLUDED AT COMPLETION OF THE EARTHWORKS, PRIOR TO THE CONCRETE POUR FOR EACH SITE.
- WHERE REQUESTED, EXISTING LOG FENCING IS TO BE REMOVED AND DISPOSED OF APPROPRIATELY (TIP RECEIPTS TO BE PROVIDED TO COUNCIL'S REPRESENTATIVE).

GENERAL NOTES:



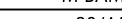
- DETERMINE SITE SPECIFIC CLEAR INSIDE REQUIREMENTS.
- FABRICATE SLIP RAIL WELDMENT TO SITE SPECIFIC REQUIREMENTS.
- SET FIXED POST AND END POST TO SITE SPECIFIC REQUIREMENTS.
- TEST FIT SLIP RAIL.

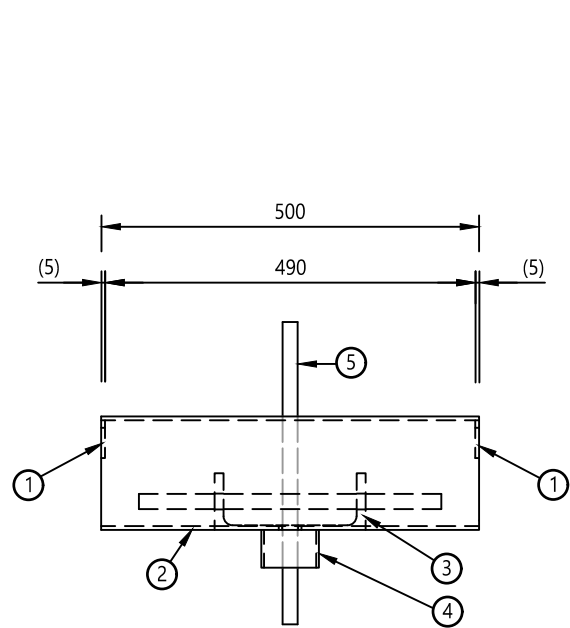


ELEVATION



FIRE TRAIL (SLIP RAIL) ACCESS GATE - GENERAL ARRANGEMENT AND STANDARD NOTES

					SCALE ON ORIGINAL A3 SIZE DRAWING	DRAWN	D MILLER		Central Coast Council	FENCE SERIES FIRE TRAIL (SLIP RAIL) ACCESS GATE	STANDARD DRAWING	
					0 250 500 750 1000 1250	CHECKED	M BAMBER				DRAWING NUMBER SD0706	REV -
					 1:25	DATE	28/4/20					
						UNIT MANAGER APPROVAL						
REV	AMENDMENT	DATE	DRAWN	APRVD	ALL DIMENSIONS IN mm UNLESS OTHERWISE SHOWN	 ASSETS PLANNING AND DESIGN		ROADS TRANSPORT DRAINAGE AND WASTE				



PLAN
1 REQUIRED AS DRAWN

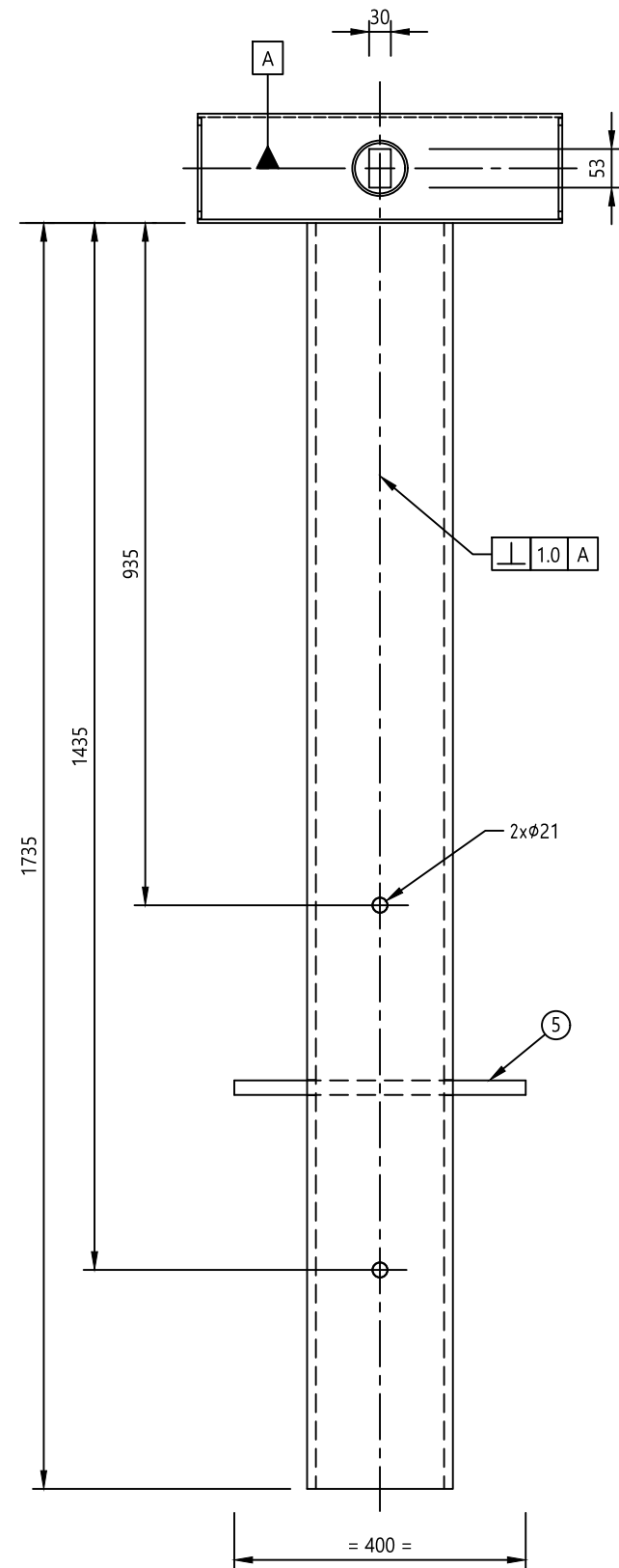
LEGEND
Part number ①

ALTERNATIVE SPIKE DETAILS (PART 5):

DRILL 12φ HOLE THROUGH POST PRIOR TO GALVANISING AND INSERT 10φ x 400mm LONG ROUND BAR AT TIME OF INSTALLATION.

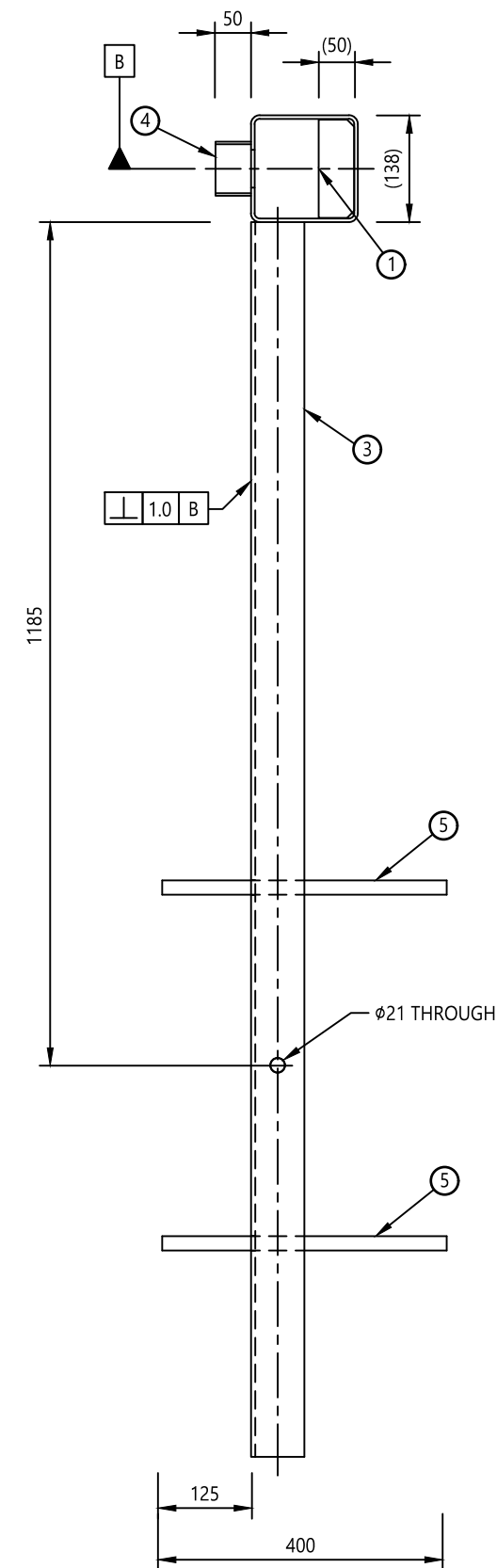
PARTS LIST

ITEM	QTY	MATERIAL	LENGTH
1	2	138x50x5mm PLATE AS 3678 - 250	
2	1	150x150x5mm SHS AS 1163-C350L0/C450L0	500mm
3	1	200 PFC AS 3679.1-250/300 PLUS	1735mm
4	1	90NB AS 1074/1163 MEDIUM	50mm
5	3	φ20 ROD AS 3678 - 250	400mm



ELEVATION

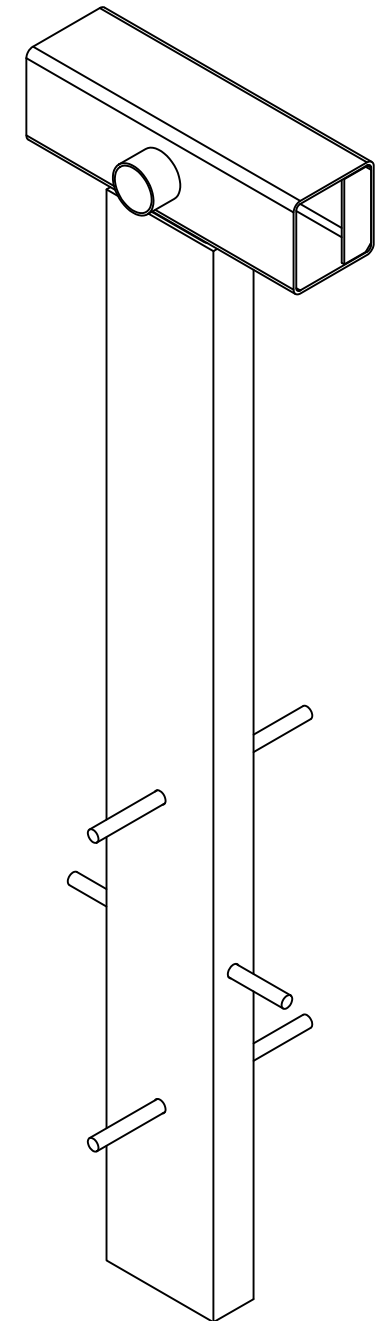
FIXED POST WELDMENT



END ELEVATION

NOTES:

1. THE STANDARD DRAWING IS BASED ON DRAWING 1065WM055 BY iINVENT PTY LTD DATED 21/5/2014.
2. ALL WELDS 5mm FILLET UNLESS OTHERWISE NOTED.
3. BREAK ALL CORNERS AND SHARPS.
4. FINISH FRAMES WITH HOT-DIP GALVANISING.
5. MAKE NECESSARY MODIFICATIONS FOR HOT-DIP GALVANISING.



ISOMETRIC
NOT TO SCALE

SCALE ON ORIGINAL A3 SIZE DRAWING

0 100 200 300 400 500

1:10

DRAWN D MILLER
CHECKED M BAMBER
DATE 28/4/20

UNIT MANAGER APPROVAL

[Signature]

ASSETS PLANNING AND DESIGN



ROADS TRANSPORT DRAINAGE AND WASTE

Central Coast Council

FENCE SERIES
FIRE TRAIL (SLIP RAIL) ACCESS GATE

STANDARD DRAWING

DRAWING NUMBER

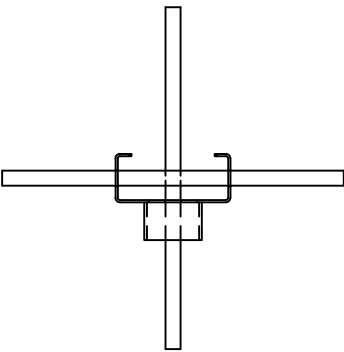
SD0706

SHEET 2 OF 4

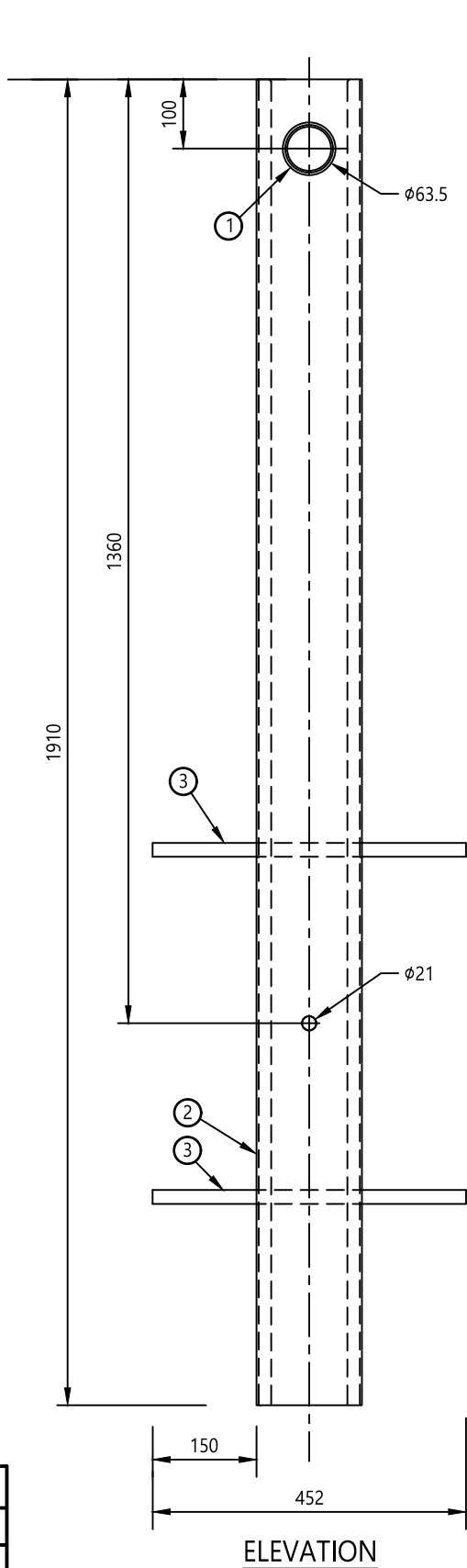
REV

-

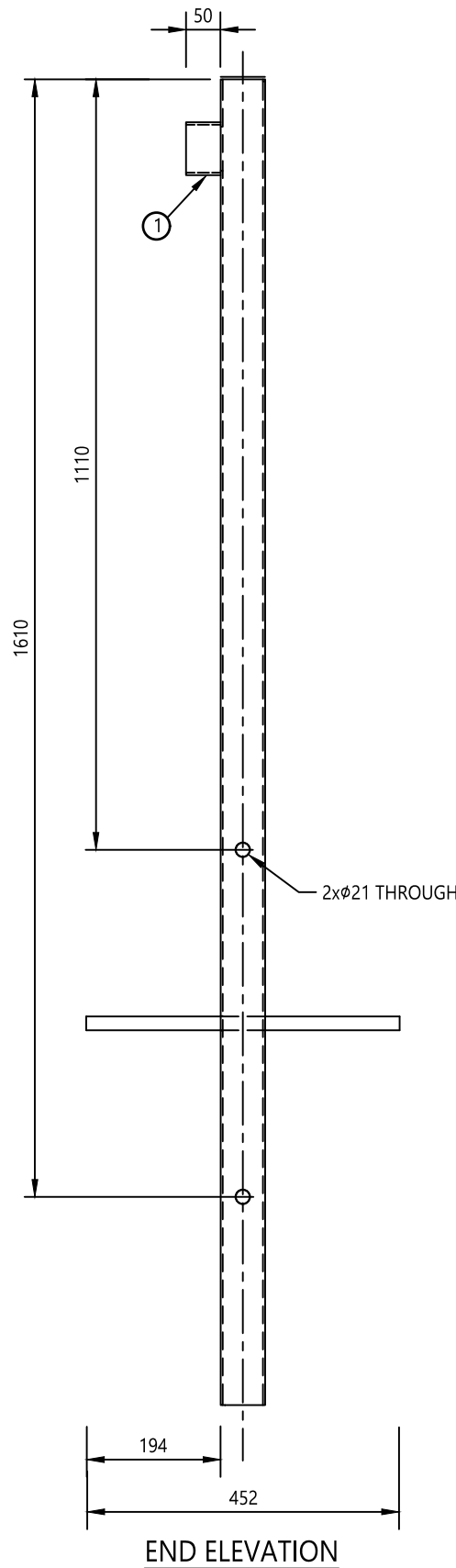
A3



PLAN
1 REQUIRED AS DRAWN



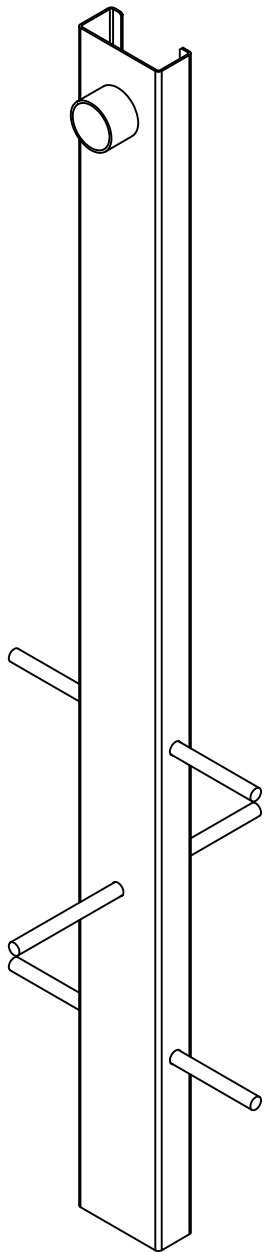
ELEVATION



END ELEVATION

NOTES:


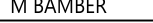
1. THIS STANDARD DRAWING IS BASED ON DRAWING 1065WM058 BY iINVENT PTY LTD DATED 26/5/2014.
2. ALL WELDS 5mm FILLET UNLESS OTHERWISE NOTED.
3. BREAK ALL CORNERS AND SHARPS.
4. FINISH FRAMES WITH HOT-DIP GALVANISING.
5. MAKE NECESSARY MODIFICATIONS FOR HOT-DIP GALVANISING.

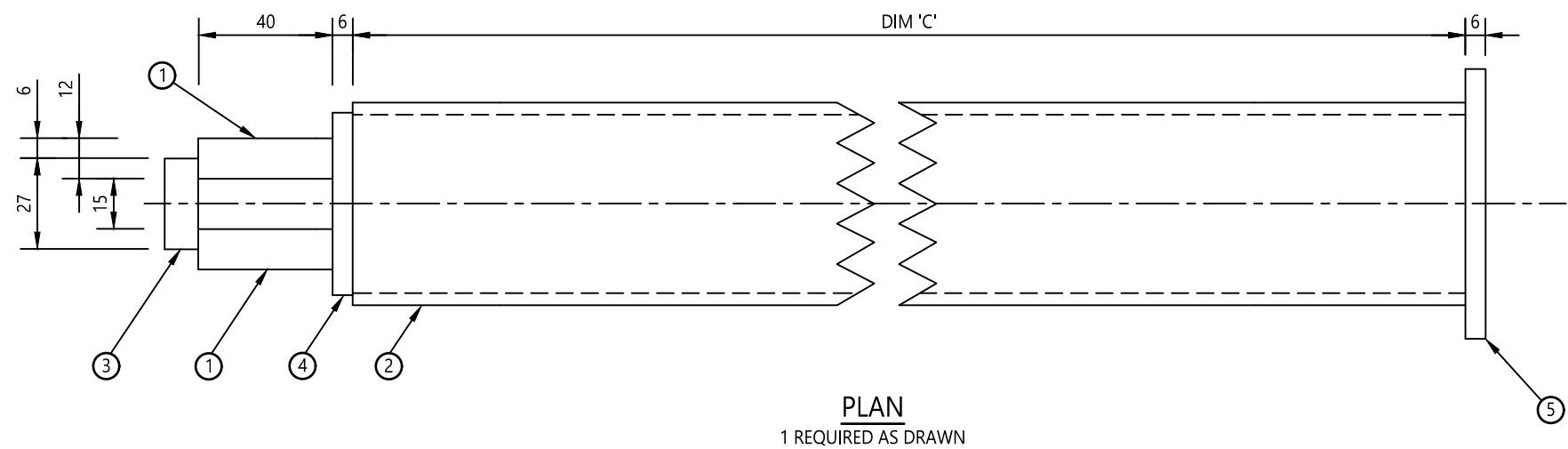


ISOMETRIC
NOT TO SCALE

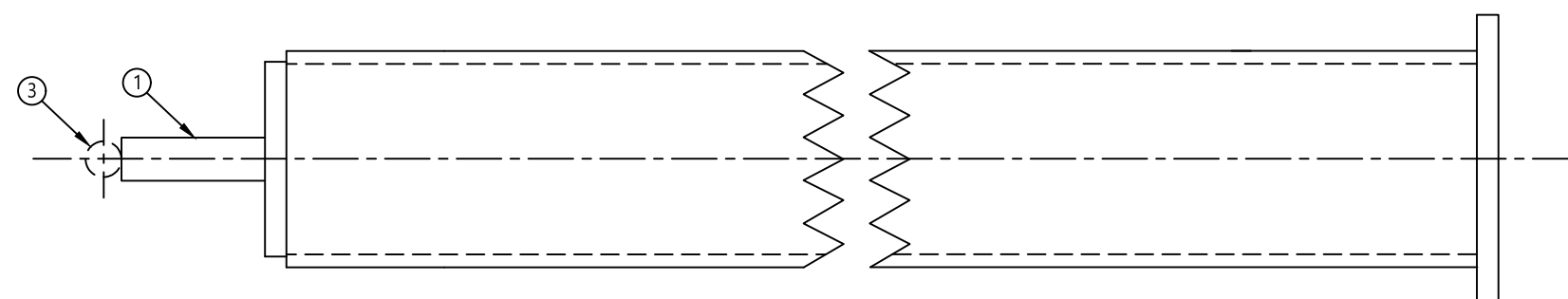
PARTS LIST			
ITEM	QTY	MATERIAL	LENGTH
1	1	90NB AS 1074/1163 MEDIUM	50mm
2	1	LL15230 AS 3678 - 250	1910mm
3	3	Ø20 ROD AS 3678 - 250	452mm

END POST WELDMENT

					SCALE ON ORIGINAL A3 SIZE DRAWING	DRAWN	D MILLER		Central Coast Council		STANDARD DRAWING	
					<div>0100200300400500</div> <div><div></div><div></div><div></div><div></div><div></div></div> <div>1:10</div>	CHECKED	M BAMBER		FENCE SERIES FIRE TRAIL (SLIP RAIL) ACCESS GATE	DRAWING NUMBER	REV	
						DATE	28/4/20			SD0706	-	
						UNIT MANAGER APPROVAL 				SHEET 3 OF 4	A3	
REV	AMENDMENT	DATE	DRAWN	APRVD	ALL DIMENSIONS IN mm UNLESS OTHERWISE SHOWN	ASSETS PLANNING AND DESIGN		ROADS TRANSPORT DRAINAGE AND WASTE				



PLAN
1 REQUIRED AS DRAWN



ELEVATION

PARTS LIST					
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	LENGTH
1	2			12 SQUARE AS 3678-250	40mm
2	1			50NB AS 1074/1163 MEDIUM AS 1163-C350L0/C450L0	DIM 'C'
3	1			Ø10 ROD AS 3678 - 250	27mm
4	1	1065PT501	SMALL END PLATE		
5	1	1065PT502	LARGE END PLATE		

SLIP RAIL WELDMENT
SCALE 1:2

NOTES:

1. THIS STANDARD DRAWING IS BASED ON DRAWING 1065WM057, 1065PT501 AND 1065PT502 BY iINVENT PTY LTD DATED 26/5/2014.
2. ALL WELDS 5mm FILLET UNLESS OTHERWISE NOTED.
3. BREAK ALL CORNERS AND SHARPS.
4. FINISH FRAMES WITH HOT-DIP GALVANISING.
5. MAKE NECESSARY MODIFICTIONS FOR HOT-DIP GALVANISING.
6. FOR DETAILS ON DIM 'C' SEE SHEET 1.

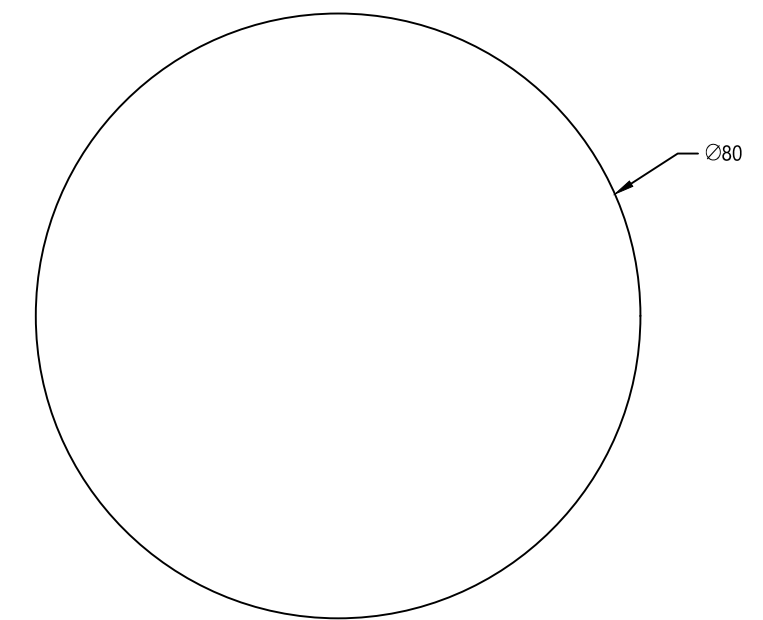


PLATE CUTTING
1 REQUIRED AS DRAWN
SCALE 1:1

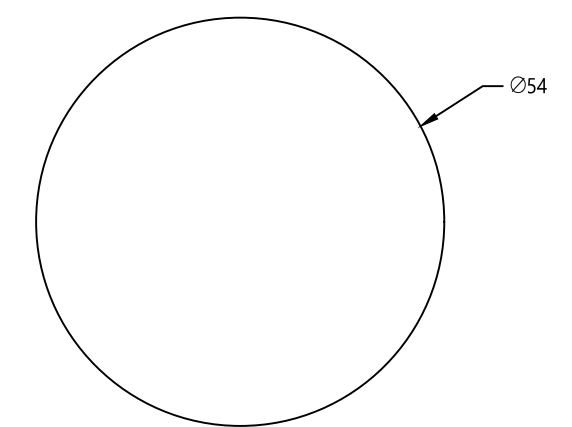


PLATE CUTTING
1 REQUIRED AS DRAWN
SCALE 1:1

PARTS LIST		
MATERIAL	LENGTH	WIDTH
80 x 80 x 6 PLATE AS 3678 - 250	80.0	80.0
54 x 54 x 6 PLATE AS 3678 - 250	54.0	54.0

PLAN
1 REQUIRED AS DRAWN

GENERAL NOTES:

1. SET AND LEVEL GATE POST IN FOOTING.
2. SET AND LEVEL FIXED POST RELATIVE TO GATE POST.
3. AFTER CONCRETE SETS, ASSEMBLE GATE TO LOWER PIN IN GATE POST.
4. LOCATE TOP PIN AND CHECK GATE OPERATION.
5. WELD TOP PIN TO GATE POST AND APPLY SUITABLE GALVANISING PROTECTION.

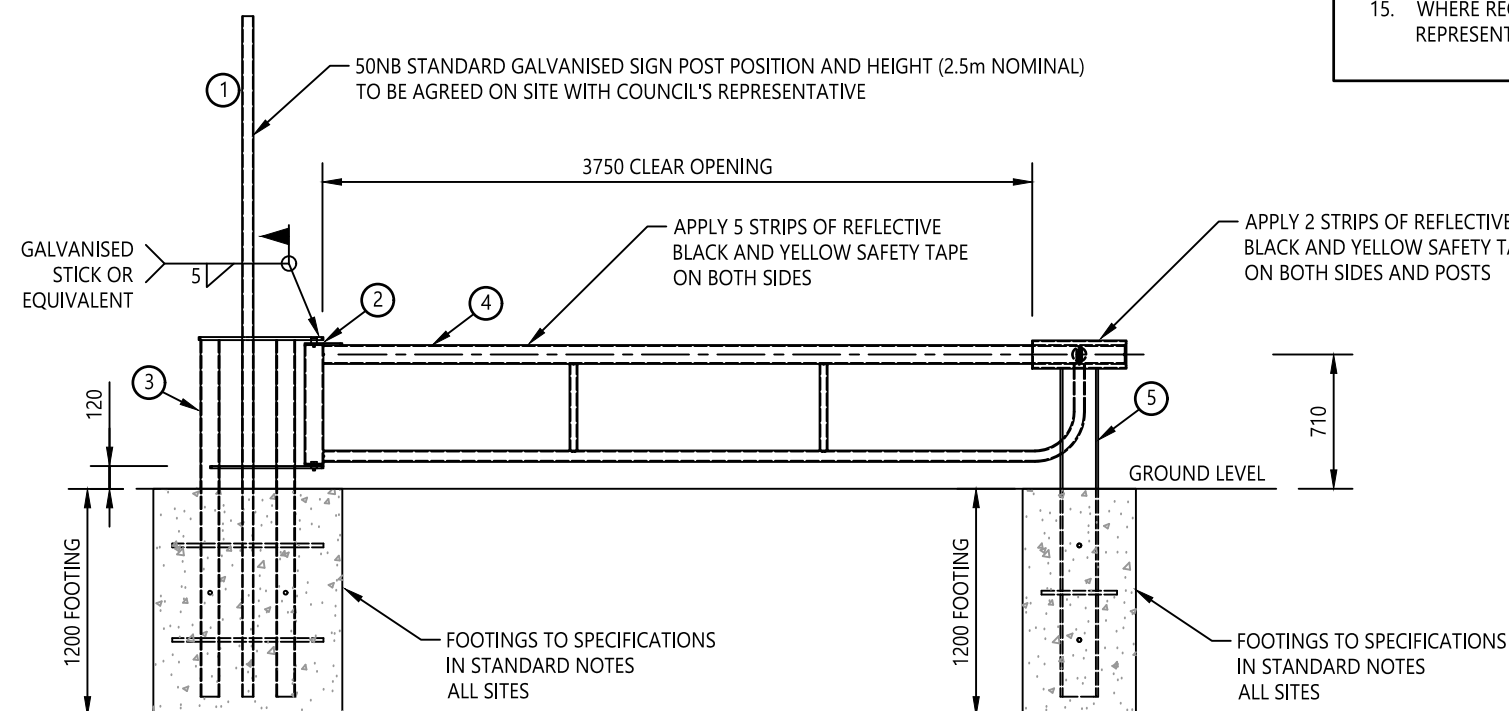
LEGEND

Part number

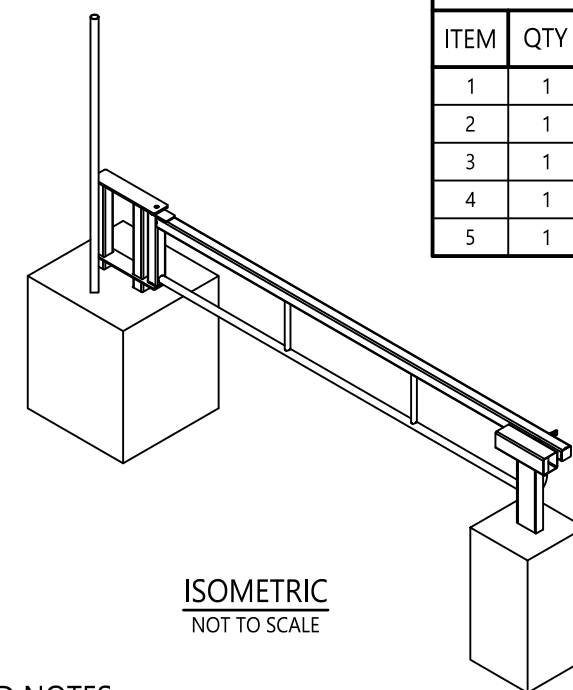
①

STANDARD NOTES:

1. THIS STANDARD DRAWING IS BASED ON DRAWING 1065GA001 BY INVENT PTY LTD DATED 21/5/2014.
2. UNLESS OTHERWISE SPECIFIED THE FOLLOWING STANDARDS APPLY. THIS DOES HOWEVER ALLOW FOR SITE SPECIFIC ALTERATIONS AS NECESSARY WHERE AGREED PRIOR TO PROCUREMENT.
3. ALL CONCRETE MUST BE PROCURED IN READY MIX STATE AND DOCUMENTATION ON STRENGTH GRADE (N20) AND VOLUMES PROVIDED TO COUNCIL UPON REQUEST.
4. ALL SPOIL FROM EXCAVATIONS MUST BE EITHER SPREAD ON SITE (TAKING CARE TO MINIMISE EROSION AND SEDIMENTATION AND IMPACT ON VEGETATION) OR DISPOSED OF AT COUNCIL'S WASTE MANAGEMENT FACILITY (RECEIPT TO BE PROVIDED ON REQUEST). THIS IS TO BE AGREED WITH COUNCIL'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORKS.
5. FIRE TRAIL GATES AND BOLLARDS SHALL BE FABRICATED TO STANDARDS DETAILED ON COUNCIL'S STANDARD DRAWINGS.
6. FIRE TRAIL GATES ARE TO OPEN INWARDS TO THE RESERVE (ASSIST PREVENTION OF ILLEGAL OPENING).
7. BOLLARDS ARE TO BE SPACED AS REGULARLY AS POSSIBLE TAKING INTO ACCOUNT TERRAIN, ACCESS FOR INSTALLATION AND SUBSURFACE CONDITIONS. THIS WILL MEAN CENTRES AT DISTANCES OF NO LESS THAN 1200mm AND NO MORE THAN 2200mm EXCEPT IN EXCEPTIONAL CIRCUMSTANCES.
8. GATES AND BOLLARDS TO BE PLACED TO COMPLETELY SHUT DOWN THE ACCESS WIDTH AS FAR AS REASONABLY POSSIBLE. ATTACH CABLES DIRECTLY TO GATE POSTS AND LOCATE TERMINAL BOLLARDS AS CLOSE AS POSSIBLE TO EXISTING FENCE LINES OR LANDSCAPE FEATURES. A KEY FOCUS IS TO REDUCE ENTRY OF MOTORCYCLES TO PUBLIC RESERVES.
9. GATES AND BOLLARDS ARE TO BE PLACED TO ACCOMMODATE SERVICES, INCLUDING (BUT NOT LIMITED TO) TELECOMMUNICATION, WATER, SEWER, DRAINAGE, ELECTRICITY AND GAS INFRASTRUCTURE.
10. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO UNDERTAKE 'DIAL BEFORE YOU DIG' ASSESSMENT OF THE SITE BEFORE COMMENCEMENT OF CONSTRUCTION TO ENSURE THERE IS NO DAMAGE TO INFRASTRUCTURE.
11. GATES AND BOLLARDS ARE TO BE LOCATED TO USE NATURAL OR MAN-MADE FEATURES TO CLOSE DOWN ACCESS. FOR EXAMPLE, STEEP SLOPES, THICK VEGETATION AND DRAINAGE INFRASTRUCTURE. COUNCIL STAFF WILL PROVIDE CLARIFICATION ON INDIVIDUAL SITES ON REQUEST, OR AT SITE MEETINGS WHERE ARRANGED.
12. OPEN EARTHWORKS MUST BE MADE SAFE OR SUITABLE AND/OR BARRICADES USED AS NECESSARY WHILST AWAITING INSPECTION BY COUNCIL'S REPRESENTATIVE.
13. ONE STANDARD SIGN POST TO BE INSTALLED ADJACENT TO EACH GATE OR SLIP RAIL.
14. HOLD POINTS WILL BE INCLUDED AT COMPLETION OF THE EARTHWORKS, PRIOR TO THE CONCRETE POUR FOR EACH SITE.
15. WHERE REQUESTED, EXISTING LOG FENCING IS TO BE REMOVED AND DISPOSED OF APPROPRIATELY (TIP RECEIPTS TO BE PROVIDED TO COUNCIL'S REPRESENTATIVE).



ELEVATION



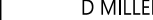



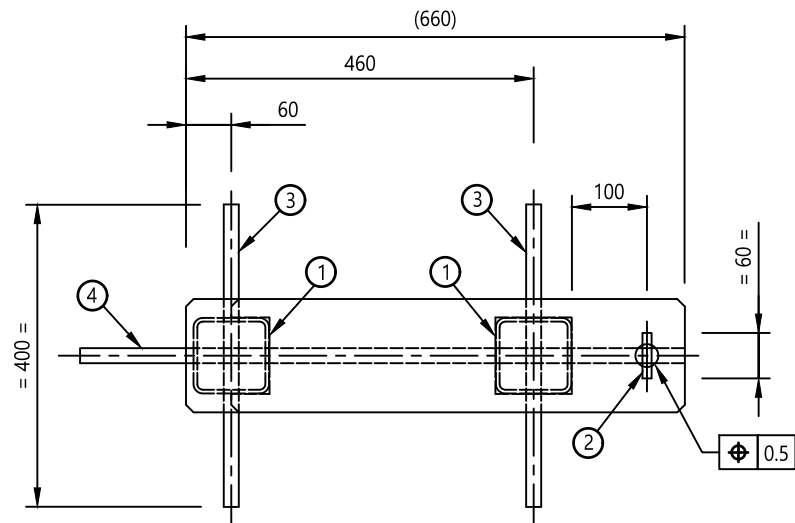
ISOMETRIC
NOT TO SCALE

PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	1		50NB STANDARD GAL SIGN POST	
2	1	1065PT102	TOP PIN	
3	1	1065WM053	GATE POST WELDMENT	
4	1	1065WM054	GATE WELDMENT	
5	1	1065WM055	FIXED POST WELDMENT	

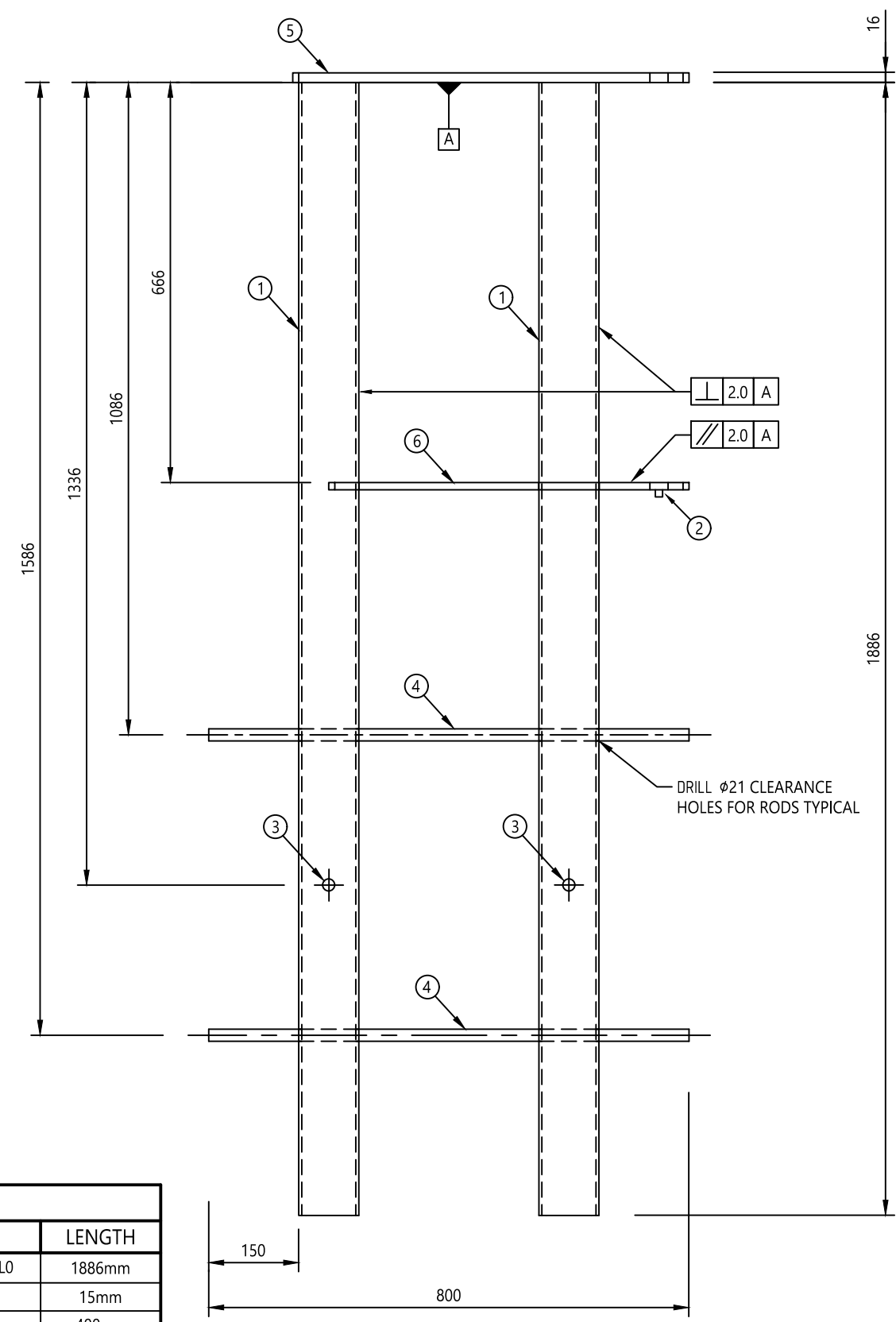
GENERAL ARRANGEMENT AND STANDARD NOTES

REV	AMENDMENT	DATE	DRAWN	APRVD	SCALE ON ORIGINAL A3 SIZE DRAWING	DRAWN	D MILLER		Central Coast Council		STANDARD DRAWING		
					 1:40	CHECKED	M BAMBER		 UNIT MANAGER APPROVAL		FENCE SERIES FIRE TRAIL (SWING) ACCESS GATE	DRAWING NUMBER	REV
						DATE	28/4/20					SD0707	-
						ALL DIMENSIONS IN mm UNLESS OTHERWISE SHOWN						ASSETS PLANNING AND DESIGN	



PLAN
1 REQUIRED AS DRAWN

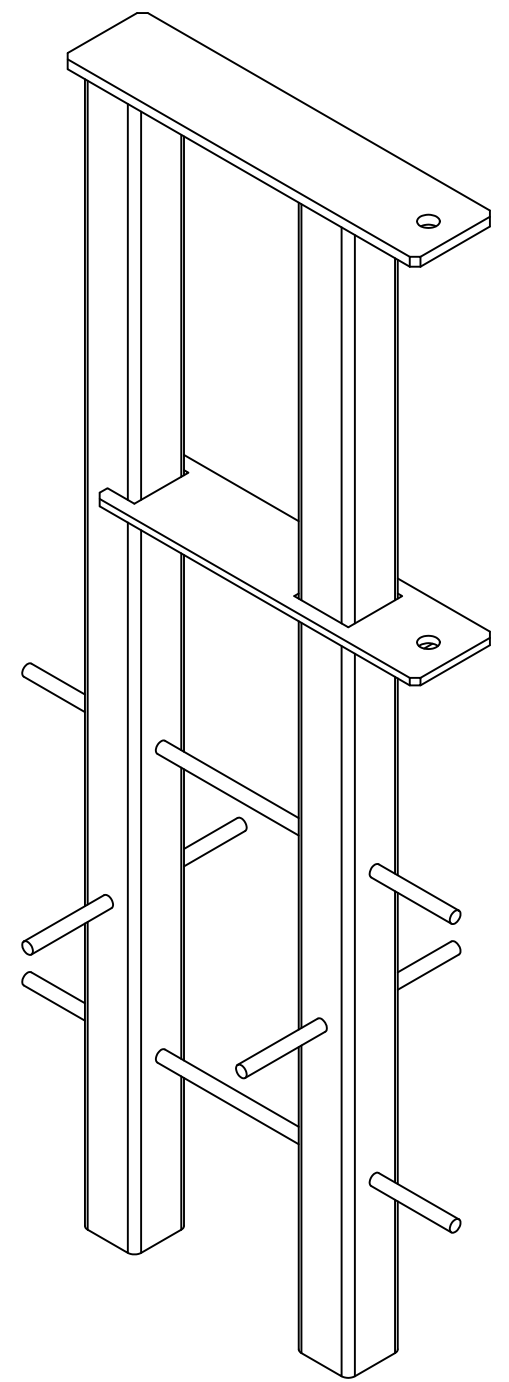
LEGEND	
Part number	①



ELEVATION

GATE POST WELDMENT

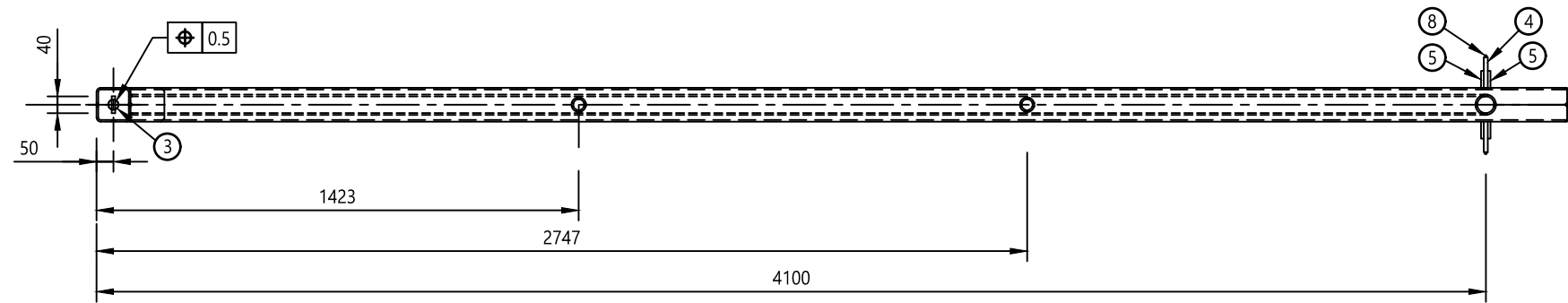
- NOTES:**
- THIS STANDARD DRAWING IS BASED ON DRAWING 1065WM053 BY iINVENT PTY LTD DATED 21/05/2014.
 - ALL WELDS TO BE 5mm FILLET UNLESS OTHERWISE NOTED.
 - BREAK ALL CORNERS AND SHARPS.
 - FINISH FRAMES WITH HOT-DIP GALVANISING.
 - MAKE NECESSARY MODIFICATIONS FOR HOT-DIP GALVANISING.



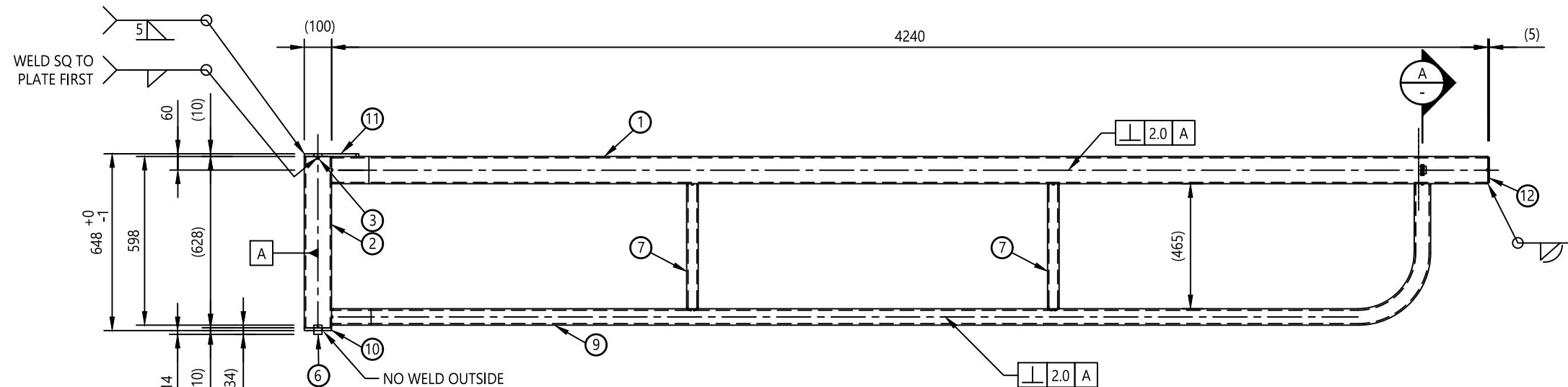
ISOMETRIC
NOT TO SCALE

PARTS LIST					
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	LENGTH
1	2			100x100x5mm SHS AS 1163-C350L0/C450L0	1886mm
2	1			12 SQUARE AS 3678 - 250	15mm
3	2			Ø20 ROD AS 3678 - 250	400mm
4	2			Ø20 ROD AS 3678 - 250	800mm
5	1	1065PT207	TOP HINGE PLATE		
6	1	1065PT208	BOTTOM HINGE PLATE		

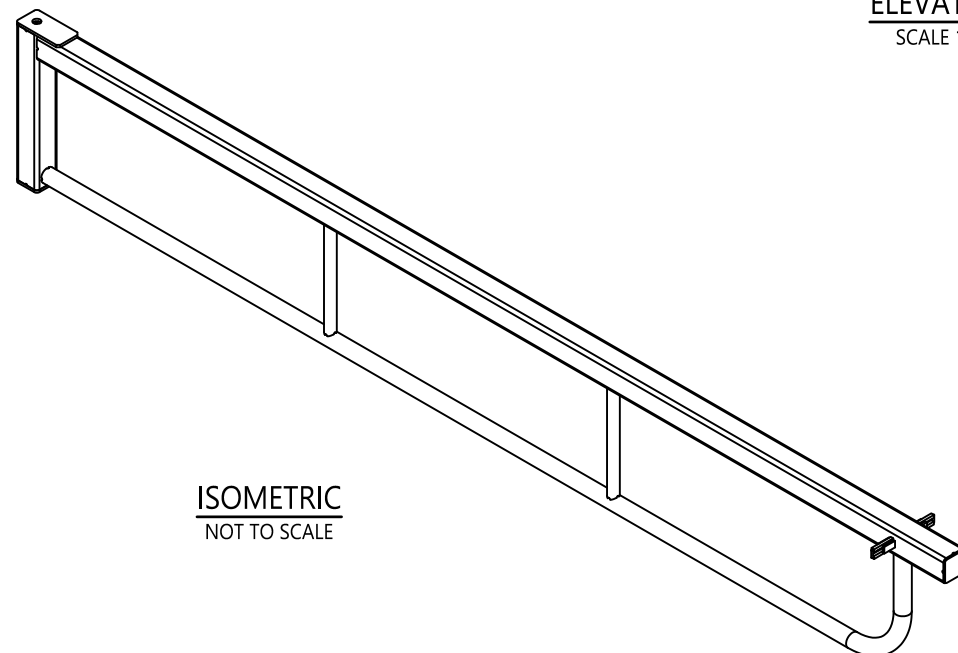
REV	AMENDMENT	DATE	DRAWN	APRVD	SCALE ON ORIGINAL A3 SIZE DRAWING 0 100 200 300 400 500 1:10	DRAWN	D MILLER	Central Coast Council	Central Coast Council	FENCE SERIES FIRE TRAIL (SWING) ACCESS GATE	STANDARD DRAWING	
						CHECKED	M BAMBER				DRAWING NUMBER	REV
						DATE	28/4/20				SD0707	-
						UNIT MANAGER APPROVAL 					SHEET 2 OF 4	A3
ALL DIMENSIONS IN mm UNLESS OTHERWISE SHOWN						ASSETS PLANNING AND DESIGN		ROADS TRANSPORT DRAINAGE AND WASTE				



PLAN
SCALE 1:20
1 REQUIRED AS DRAWN



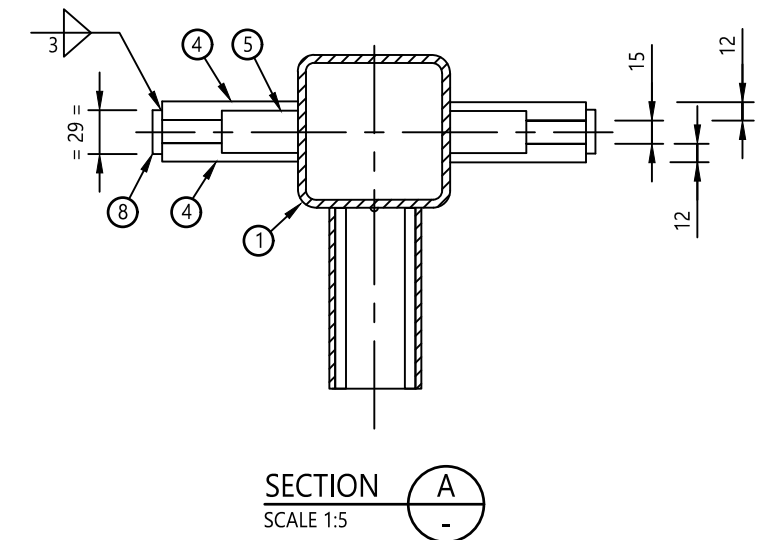
ELEVATION
SCALE 1:20



GATE WELDMENT

NOTES:

1. THIS STANDARD DRAWING IS BASED ON DRAWING 1065WM054 BY iINVENT PTY LTD DATED 21/05/2014.
2. ALL WELDS TO BE 5mm FILLET UNLESS OTHERWISE NOTED.
3. BREAK ALL CORNERS AND SHARPS.
4. FINISH FRAMES WITH HOT-DIP GALVANISING.
5. MAKE NECESSARY MODIFICATIONS FOR HOT-DIP GALVANISING.



SECTION A
SCALE 1:5

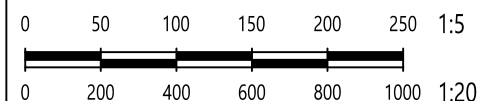
LEGEND

Part number ①

PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	LENGTH
1	1			100x100x5 SHS AS 1163 - C350L0/C40L0	4240mm
2	1			100x100x5 SHS AS 1163 - C350L0/C40L0	628mm
3	1			12 SQUARE AS 3678 - 250	40mm
4	4			12 SQUARE AS 3678 - 250	90mm
5	4			50x27x8mm PLATE AS 3678 - 250	
6	1			ø30 BMS M1020	34mm
7	2			ø42.4x4.9 CHS AS 1163 - C350L0/C450L0	465mm
8	2			ø6 ROD AS 3678 - 250	29mm
9	1			ø60.3x5.54 CHS AS 1163 - C350L0/C450L0	4202mm
10	1	1065PT301	END CAPS		
11	1	1065PT308	END PLATE		
12	1	1065PT309	END CAPS		

SCALE ON ORIGINAL A3 SIZE DRAWING



ALL DIMENSIONS IN mm UNLESS OTHERWISE SHOWN

DRAWN
CHECKED
DATE

D MILLER
M BAMBER
28/4/20

UNIT MANAGER APPROVAL

[Signature]

ASSETS PLANNING AND DESIGN



ROADS TRANSPORT DRAINAGE AND WASTE

Central Coast Council

FENCE SERIES
FIRE TRAIL (SWING) ACCESS GATE

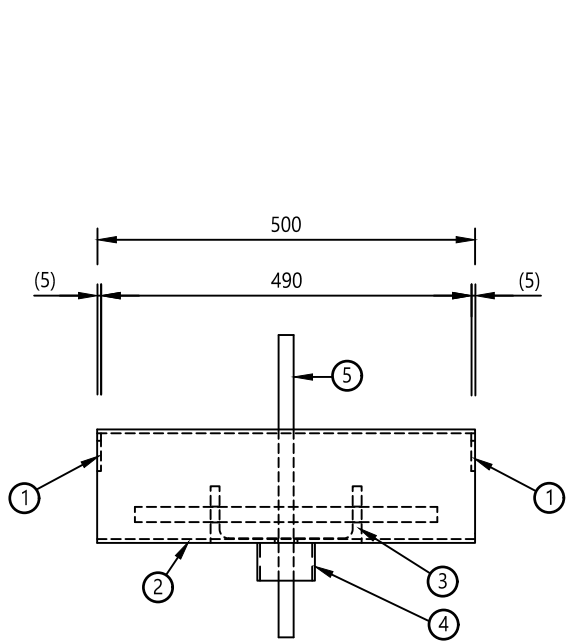
STANDARD DRAWING

DRAWING NUMBER
SD0707

SHEET 3 OF 4

REV
-

A3



PLAN
1 REQUIRED AS DRAWN

LEGEND

Part number

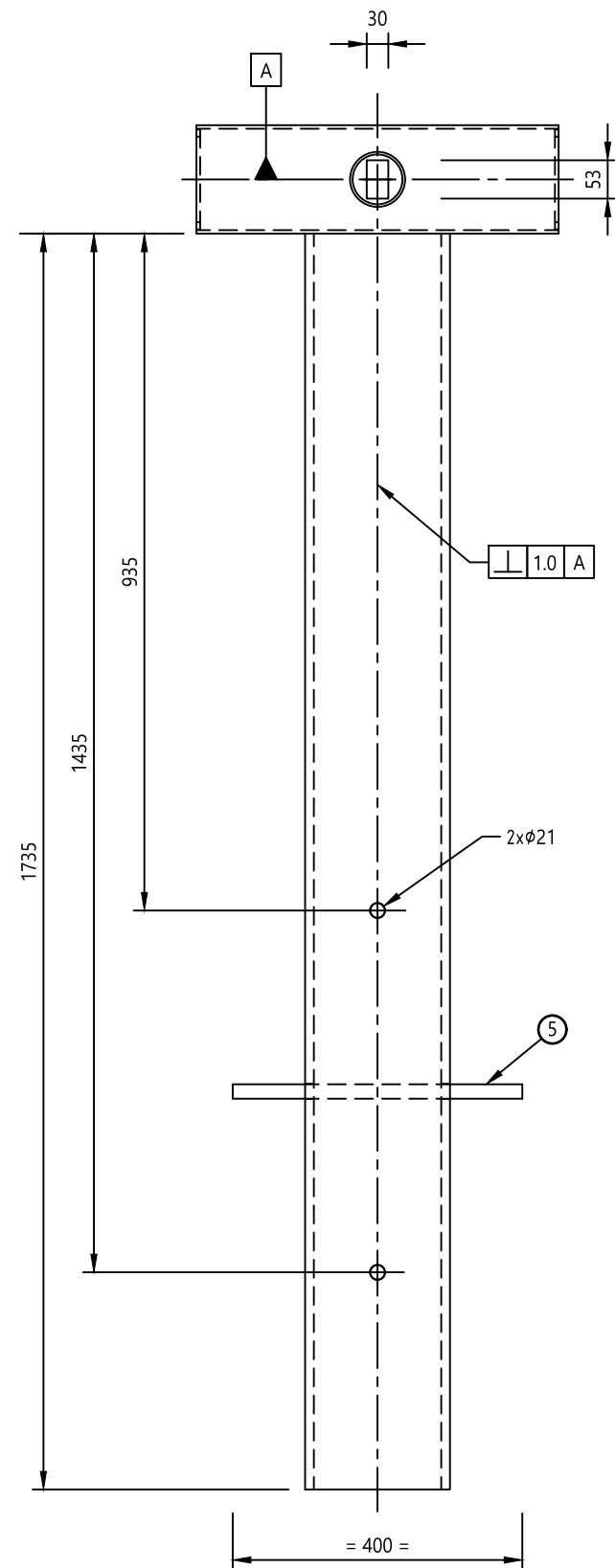
①

ALTERNATIVE SPIKE DETAILS (PART 5):

DRILL 12 ϕ HOLE THROUGH POST PRIOR TO GALVANISING AND INSERT 10 ϕ x 400mm LONG ROUND BAR AT TIME OF INSTALLATION.

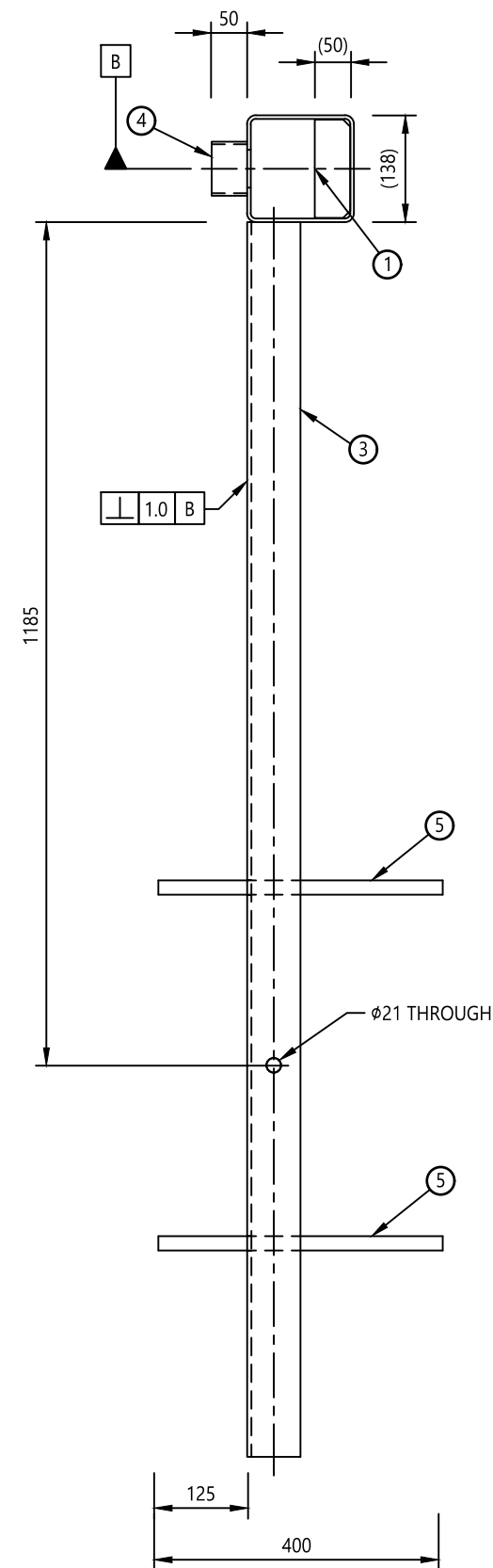
PARTS LIST

ITEM	QTY	MATERIAL	LENGTH
1	2	138x50x5mm PLATE AS 3678 - 250	
2	1	150x150x5mm SHS AS 1163-C350L0/C450L0	500mm
3	1	200 PFC AS 3679.1-250/300 PLUS	1735mm
4	1	90NB AS 1074/1163 MEDIUM	50mm
5	3	ϕ 20 ROD AS 3678 - 250	400mm



ELEVATION

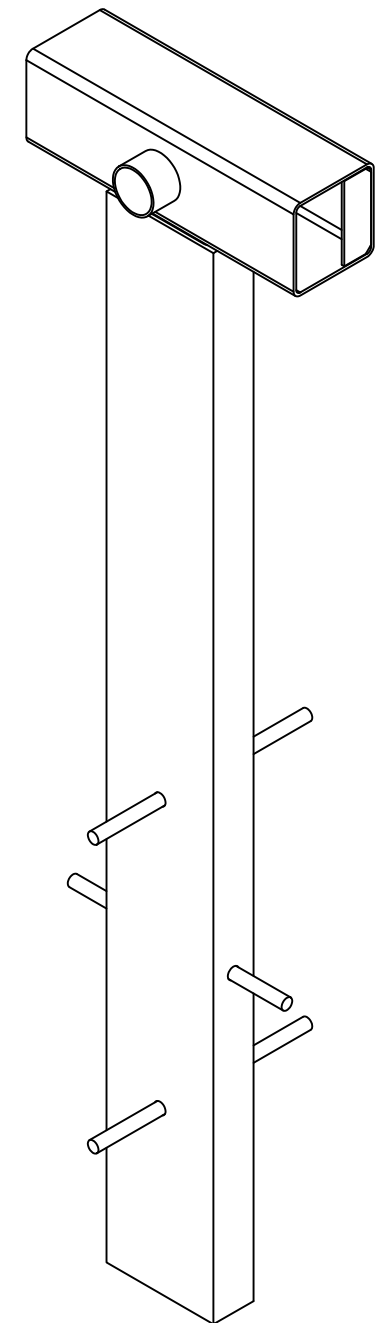
FIXED POST WELDMENT



END ELEVATION

NOTES:

- THIS STANDARD DRAWING IS BASED ON DRAWING 1065WM055 BY iINVENT PTY LTD DATED 21/05/2014.
- ALL WELDS TO BE 5mm FILLET UNLESS OTHERWISE NOTED.
- BREAK ALL CORNERS AND SHARPS.
- FINISH FRAMES WITH HOT-DIP GALVANISING.
- MAKE NECESSARY MODIFICATIONS FOR HOT-DIP GALVANISING.



ISOMETRIC
NOT TO SCALE

SCALE ON ORIGINAL A3 SIZE DRAWING



1:10

DRAWN

D MILLER

CHECKED

M BAMBER

DATE

28/4/20

UNIT MANAGER APPROVAL

[Signature]

ASSETS PLANNING AND DESIGN



ROADS TRANSPORT DRAINAGE AND WASTE

Central Coast Council

FENCE SERIES
FIRE TRAIL (SWING) ACCESS GATE

STANDARD DRAWING

DRAWING NUMBER

SD0707

REV

-

SHEET 4 OF 4

A3