

Appendix C: Design drawings

Disclaimer

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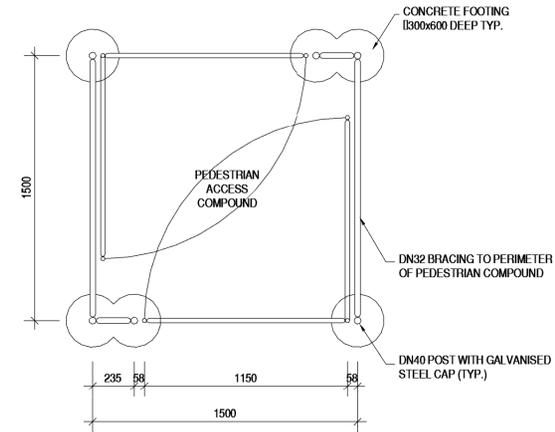
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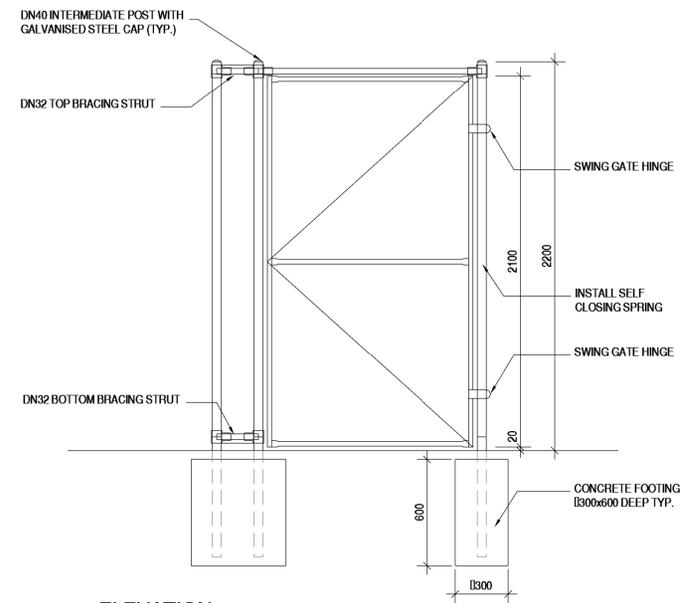
GENERAL NOTES

1. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED
2. ALL FENCING SHALL BE IN ACCORDANCE WITH AS1725.1-2010
3. FOR ALL FENCE MATERIAL CLASSES AND TREATMENTS AND CONCRETE CLASS AND DENSITY REFER TO SPECIFICATION AND/OR MANUFACTURER'S SPECIFICATIONS
4. COATING REQUIREMENTS FOR FENCE TYPE 1 CONSISTS OF THE FOLLOWING:

4.1. CHAIN WIRE MESH	- 1800 x 50 x 3.15DIA. PVC COATED
4.2. STRAINER WIRE	- SINGLE 74.0 HELICOIL PVC COATED
4.3. 2.0DIA. MESH TIE WIRE	- PVC COATED
4.4. STEEL PIPE	- GALVANISED
4.5. PRESSED CAP	- GALVANISED
4.6. CLIP TEE	- GALVANISED
5. THE CONCRETE FOOTINGS SHALL BE N25 CONCRETE.
6. ALLOW FOR THE SUPPLY & INSTALLATION OF LOCKING / LATCH HARDWARE (DETAILS TO BE CONFIRMED BY CLIENT)
7. SELF CLOSING SWING GATE WITH CLIENT APPROVED MONITORING SYSTEM



PLAN VIEW



ELEVATION

**TYPICAL PEDESTRIAN
COMPOUND DETAIL - CHAIN LINK MESH**

B	20.10.2021	CLIENT REVIEW	DS	DK
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STATUS				
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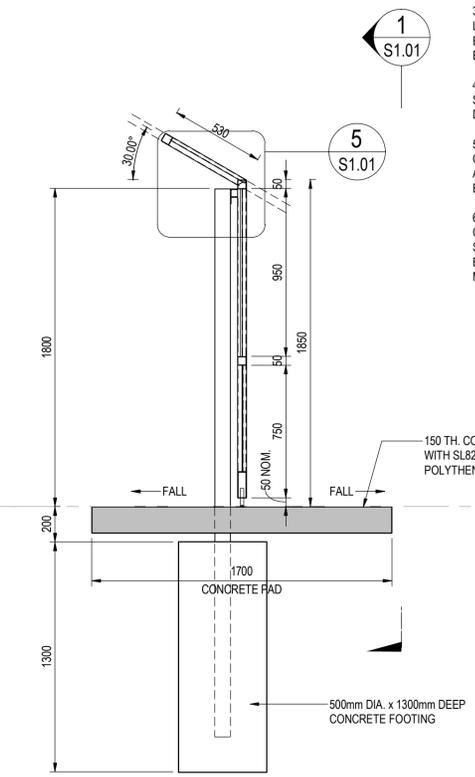
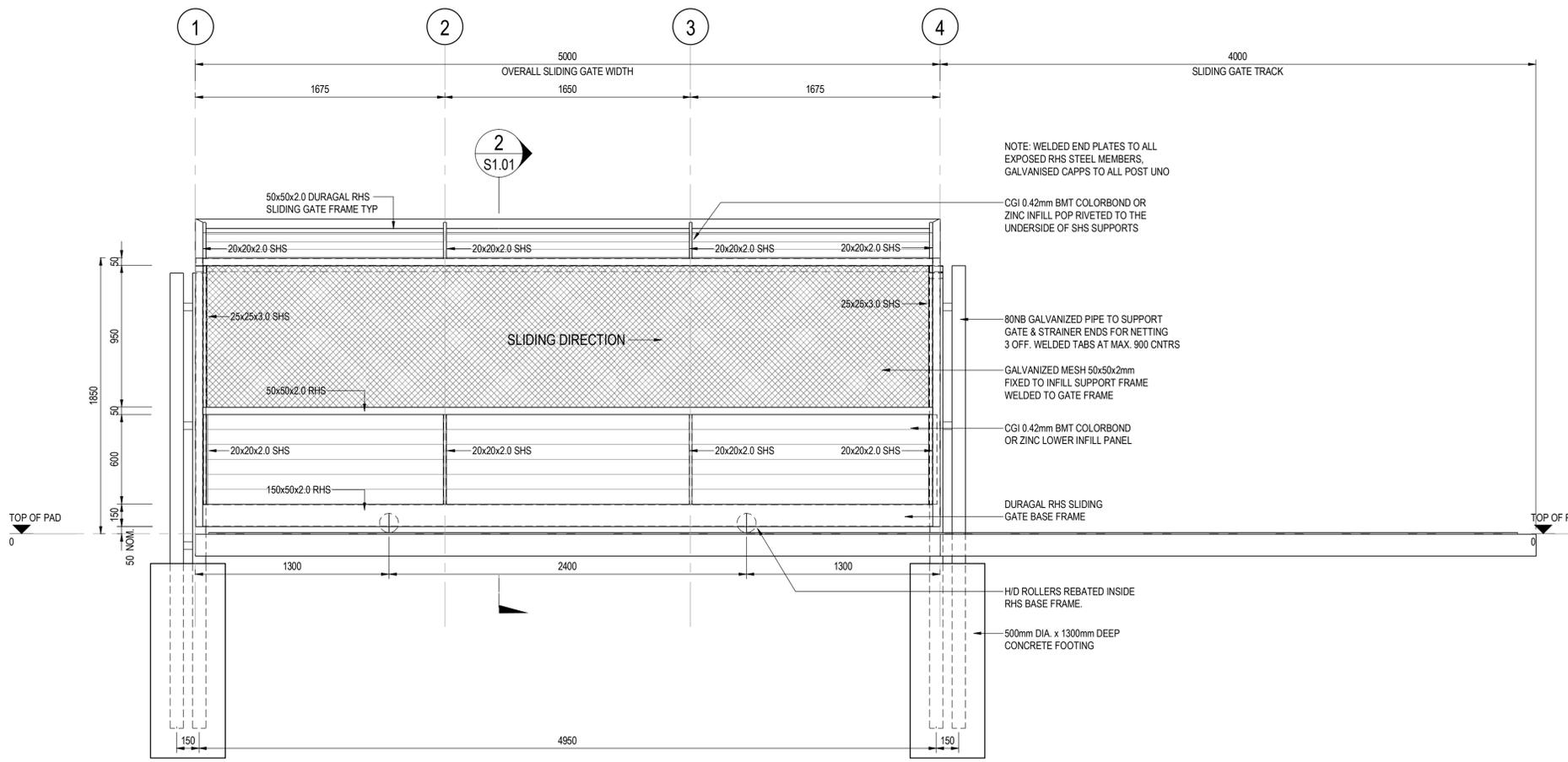
430 Roberts Road
Subiaco WA 6008
PO Box 2150
Subiaco WA 6904
Telephone: (08) 9382 5111
admin@pfeng.com.au

CLIENT	NSW NATIONAL PARKS & WILDLIFE		
PROJECT	NSW PARKS CONVERSATION FENCING		
TITLE	PEDESTRIAN GATE DETAILS		
SCALE	1:20@A1	DATE	SEPT 2021
DESIGNED	JH	DRAWN	DS
CHECKED	JH	REV	B
JOB No	21-259	DRG No	S.2.01

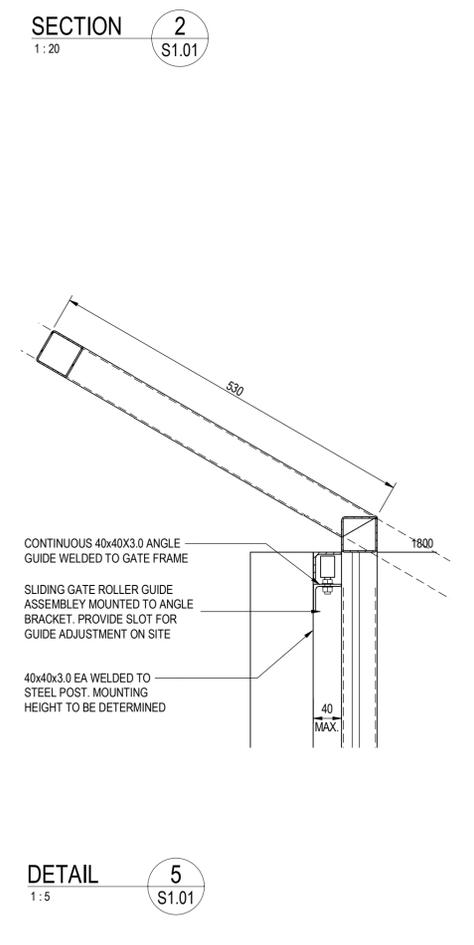
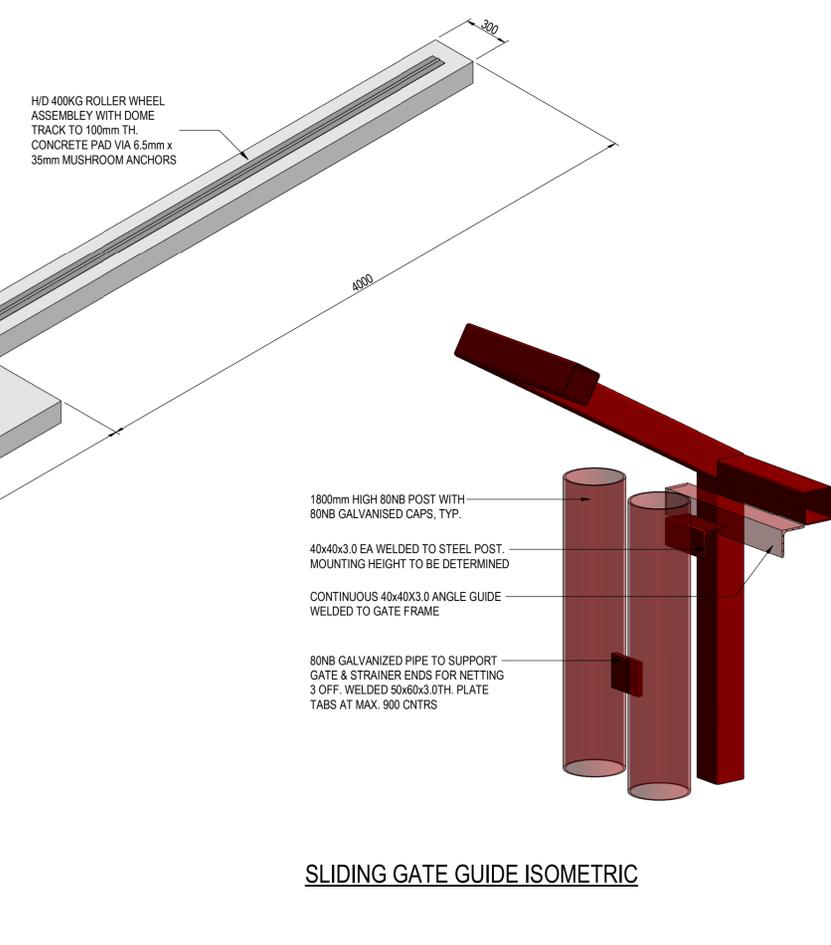
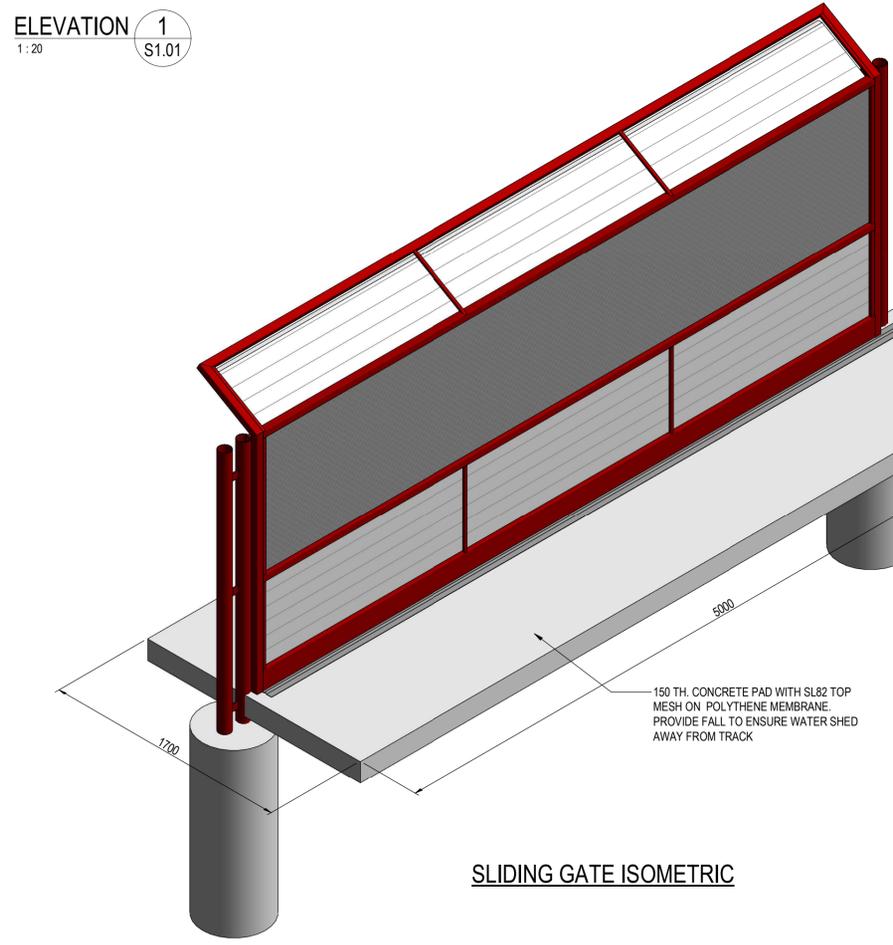
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- GENERAL NOTES**
- GATE MONITORING
GATE MONITORING SYSTEMS TO BE DESIGNED AND PROVIDED BY CLIENT.
 - GATE LOCKING MECHANISM & HARDWARE
CONTRACTOR TO ALLOW FOR THE SUPPLY & INSTALLATION OF AN APPROVED LOCKING MECHANISM & HARDWARE. INSTALLATION TO BE DETERMINED BY CONTRACTOR PRIOR TO FABRICATION.
 - LIFTING POINT(S)
LIFTING POINT(S) TO BE FULLY WELDED TO GATE FRAME TO ENSURE SAFE LIFTING INSTALLATION. ENSURE LIFTING LUGS / EYELETS DO NOT IMPEDE ON THE OPERATION OF THE GATE.
 - GUIDE ROLLER ASSEMBLY
SLIDING GATE HEAD GUIDE INSTALLATION HEIGHT TO BE DETERMINED BY CONTRACTOR PRIOR TO FABRICATION.
 - ANTI LIFT-OFF / GATE RECEIVER
CONTRACTOR TO ALLOW FOR THE SUPPLY & INSTALLATIONS OF A SUITABLE ANTI LIFT-OFF RECEIVER. INSTALLATION HEIGHT TO BE DETERMINED BY CONTRACTOR PRIOR TO FABRICATION.
 - SECONDARY GATE FRAMING
CONTRACTOR TO ENSURE THE FINISHED FACE OF ALL SECONDARY INFILL SUPPORT FRAMING SET TO ALIGN WITH EXTERNAL FACE OF GATE FRAME. NOTE INFILL FRAMING SIZES MAY VARY.



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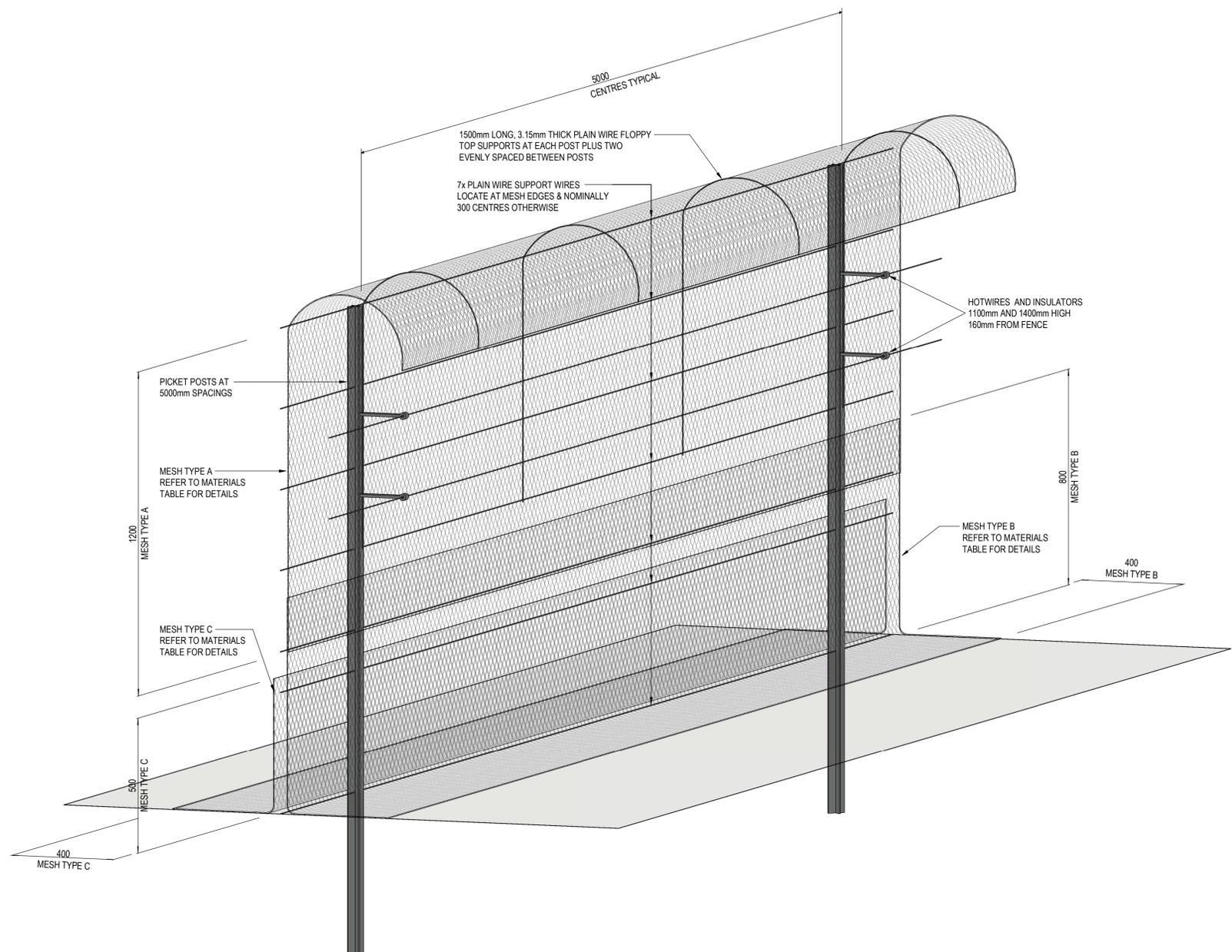
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Subiaco WA 6008
PO Box 2150
Subiaco WA 6904
Telephone: (08) 9382 5111
admin@pfrng.com.au

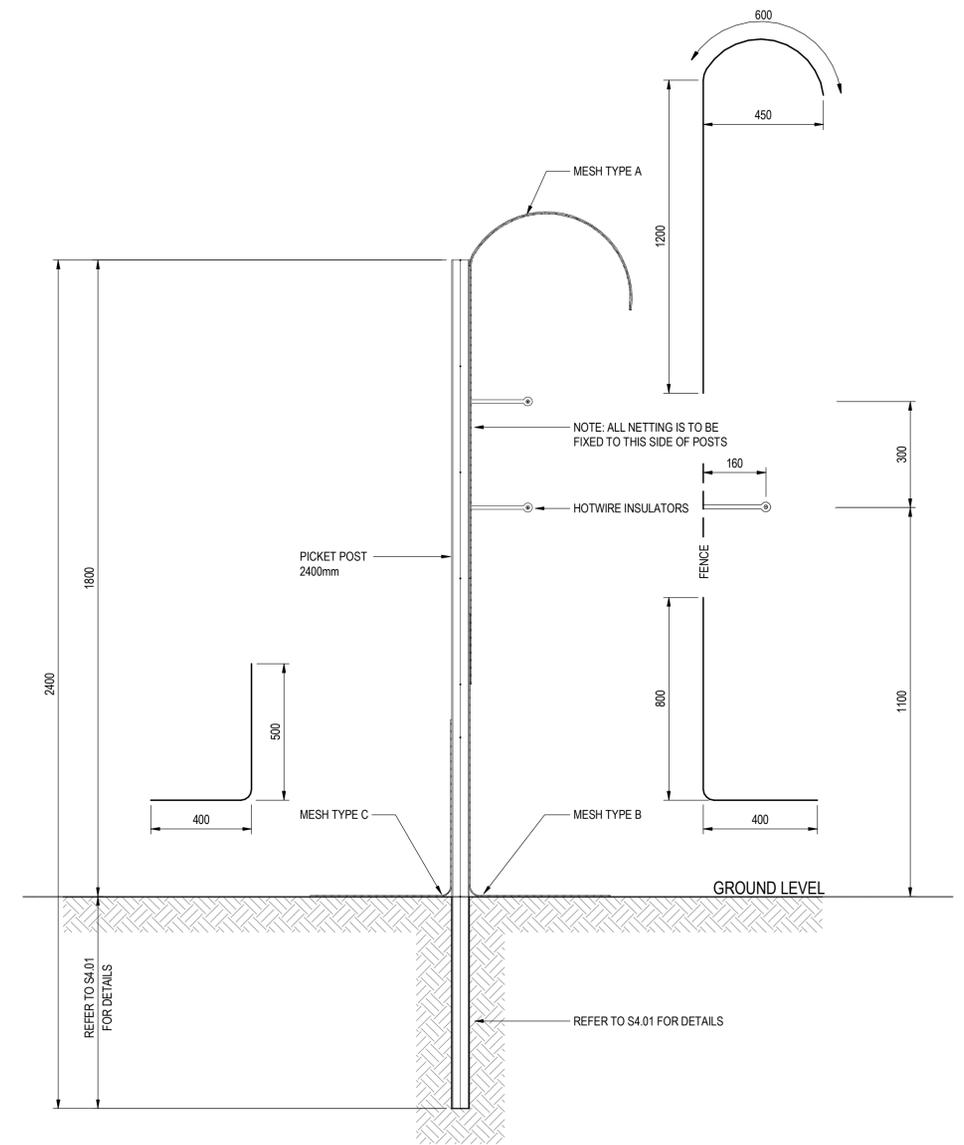
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PROJECT	NSW PARKS CONVERSATION FENCING								
TITLE	SLIDING GATE DETAILS								
SCALE	As indicated @ A1	DATE	SEPT 2021	DESIGNED	JH	DRAWN	DS	CHECKED	JH
JOB No	21-259	DRG No	S1.01	REV	B				

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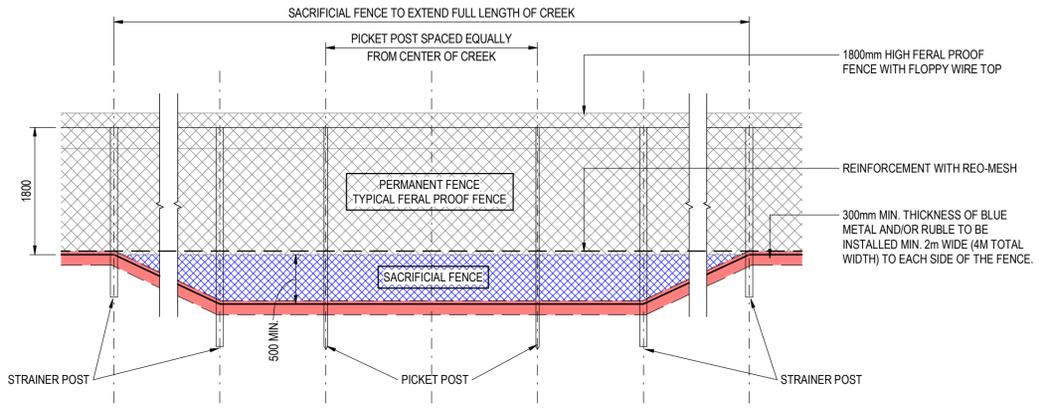
FENCE ISOMETRIC



TYPICAL SECTION

1:10

MATERIALS GUIDE						
MARK	MATERIAL	COATING	GAUGE	DETAILS	COMMENTS	QUANTITY
A	1800mm NETTING	HEAVY GALVANISED OR BETTER	1.4mm	40mm APERTURE		
B	1200mm NETTING	HEAVY GALVANISED OR BETTER	1.4mm	30mm APERTURE		
C	900mm NETTING	HEAVY GALVANISED OR BETTER	1.4mm	30mm APERTURE	NETTING WRAPS AROUND PICKETS	
	2.5mm PLAIN WIRE (SUPPORT PLAINS)	HIGH TENSILE	2.5mm		7 SUPPORT WIRES	
	2.5mm PLAIN WIRE (SUPPORT PLAINS)	HIGH TENSILE	2.5mm		2 HOT WIRES	
	3.15mm PLAIN WIRE (FLOPPY TOP SUPPORTS)	HIGH TENSILE	3.15mm		TWO SPACED BETWEEN PICKETS	
	TIE WIRE				ROLLS OF TIE WIRE TO TIE PLAINS TO POSTS AND PICKETS	
	C-CLIPS	HEAVY GALVANISED/LONG LIFE			NETTING TO BE CLIPPED IN A MANNER TO MINIMISE OPENINGS EVERY 5m	
	PICKETS 2400mm	HEAVY GALVANISED				
	INTERMEDIATE POSTS 80nb	HEAVY GALVANISED			ALLOW FOR A POST EVERY 500m. SPACING OF INTERMEDIATES MAY VARY AND WILL BE FINALISED AT TIME OF ORDERING	
	STRAINER ASSEMBLIES (INCLUSIVE OF ALL FIXINGS): • MAIN POST 80nb • END POST 50nb • TOP RAIL 40nb	HEAVY GALVANISED			ALLOW FOR STRAINER ASSEMBLIES ON CORNERS AND GATES. QUANTITIES YET TO BE DETERMINED	
	INTERMEDIATE POSTS 40nb INCLUSIVE OF ALL NECESSARY FIXINGS	GALVANISED			USED WHERE THERE IS A SLIGHT ANGLE IN THE FENCE. ON INTERMEDIATE POST WHERE STRAINER ASSEMBLY IS NOT REQUIRED. FINAL QUANTITIES MAY VARY	
	HOT WIRE STAND-OFFS AND INSULATORS TO STAND WIRES 160mm OFF THE FENCE				TWO PER POST (INCLUDES ALL PICKETS, STRAINER POSTS AND INTERMEDIATE POSTS)	



TYPICAL CREEK CROSSING LAYOUT

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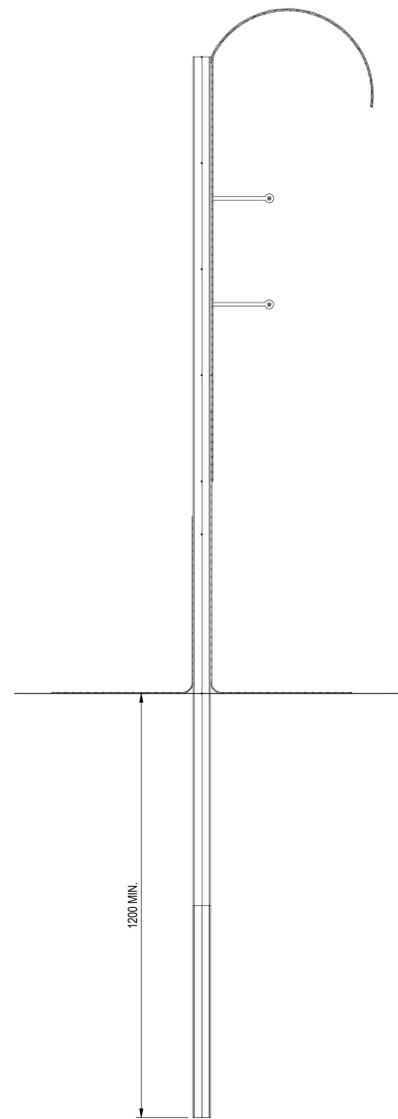
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civil and structural engineering consultants

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Subiaco WA 6008
PO Box 2150
Subiaco WA 6904
Telephone: (08) 9382 5111
admin@pfrng.com.au

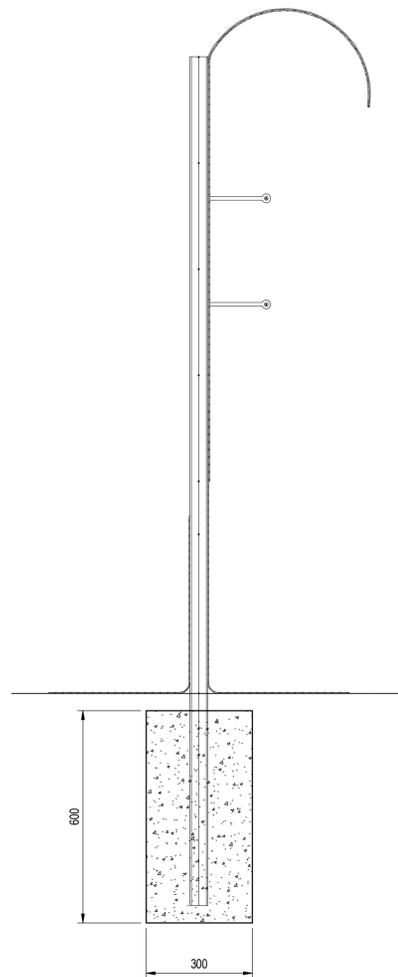
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PROJECT	NSW PARKS CONVERSATION FENCING
TITLE	FERAL PROOF FENCE DETAILS
SCALE	As indicated @ A1
DATE	SEPT 21
DESIGNED	JH
DRAWN	DS
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DRG No	S3.01
REV	B

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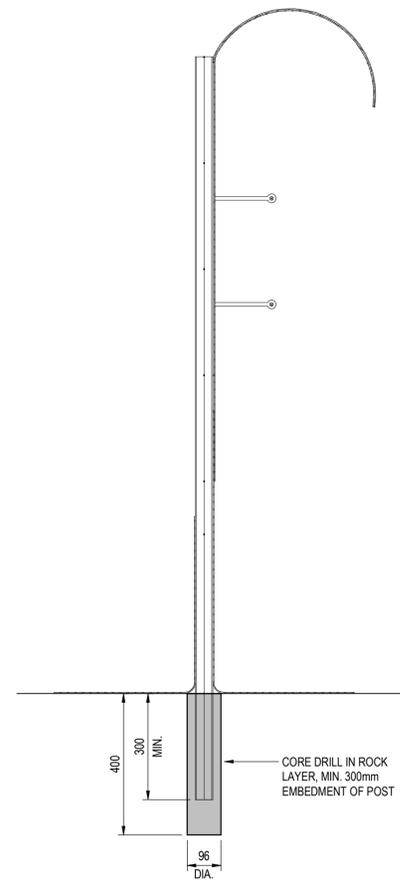
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P1 AIR DRIVEN
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P2 CONCRETE FOOTING
1:10



P3 ROCK EMBEDMENT
1:10

CONCRETE:

- STANDARD:** ALL WORK TO BE IN ACCORDANCE WITH AS 3600.
- REINFORCEMENT:** ALL REINFORCEMENT TO BE IN ACCORDANCE WITH AS 4671. N DENOTES D500N DEFORMED RIBBED 500 MPa NORMAL DUCTILITY. R DENOTES 250N ROUND 250 MPa NORMAL DUCTILITY. MESH TO BE D500L DEFORMED RIBBED 500 MPa LOW DUCTILITY.
- FABRIC LAPPING:** FABRIC END AND SIDE LAPS ARE TO BE PLACED STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS TO ACHIEVE A FULL TENSILE LAP. FABRIC SHALL BE LAID SO THAT THERE IS A MAXIMUM OF 3 LAYERS AT ANY LOCATION.

4. COVER:

ELEMENT	COVER (mm)
EXTERNAL GROUND SLABS	45 TOP, 50 EDGE

5. STRENGTH (f_c):

ELEMENT	STRENGTH (f _c)
EXTERNAL SLAB ON GROUND	N25

6. SLUMP:

ELEMENT	SLUMP (mm)
CAVITY FILL	120
CORE FILL (UP TO 250mm WITH SUPERPLASTICISER)	150
ALL OTHER CONCRETE, UNLESS OTHERWISE NOTED.	80

- COMPACTION:** IMMERSION TYPE VIBRATORS TO BE USED TO COMPACT ALL CONCRETE. (CAVITY FILL TO BE RODDED.)
- CURING:** SLABS SHALL BE CONTINUOUSLY CURED FOR FIRST 7 DAYS.
- STRIPPING:** FORMWORK TO REMAIN IN PLACE 7 DAYS AFTER POURING. THIS MAY BE REDUCED BY TESTING CONTROL SAMPLES AS PER THE SPECIFICATION.
- HOLD DOWN:** ALL HOLD DOWN BOLTS AND CAST IN ITEMS SHALL BE HOT DIPPED GALVANISED AND ACCURATELY LOCATED PRIOR TO CASTING INTO CONCRETE.
- ACID SULPHATE SOIL:** SULPHATE RESISTING (SR) CEMENT SHALL BE IN ALL CONCRETE IN CONTACT WITH SOIL.

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TITLE	POST DETAILS								
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