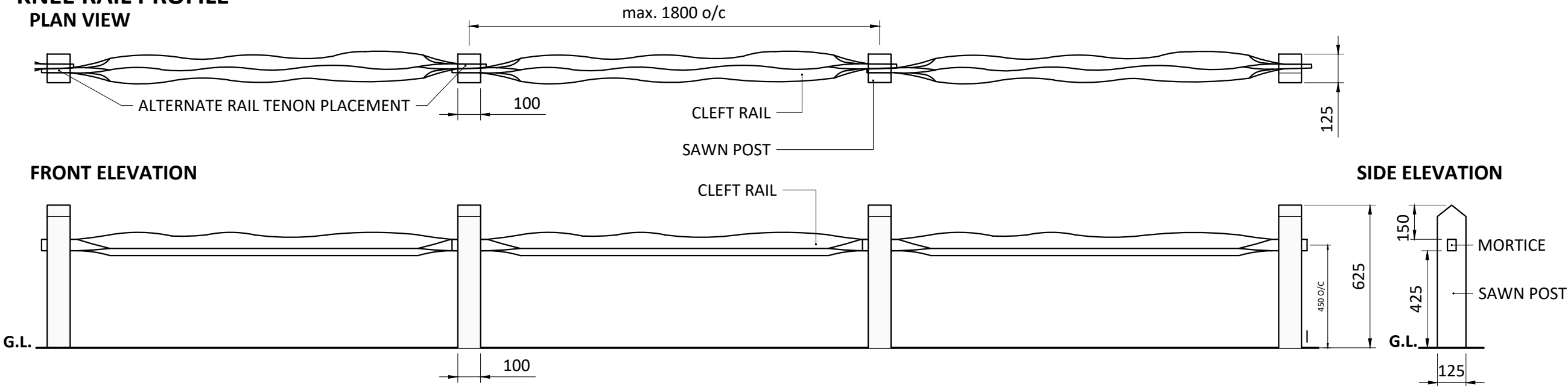
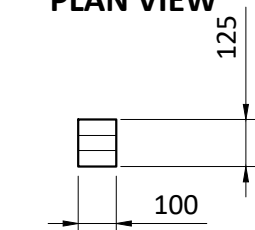


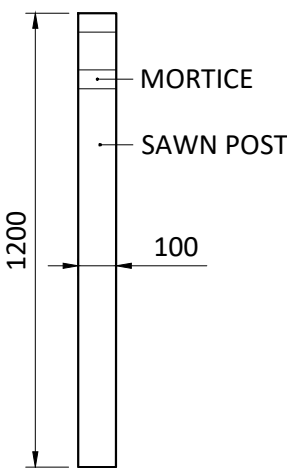
KNEE RAIL PROFILE
PLAN VIEW



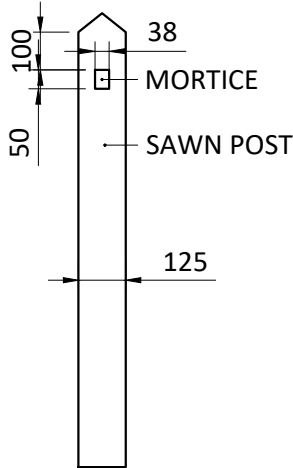
POST PROFILES
PLAN VIEW



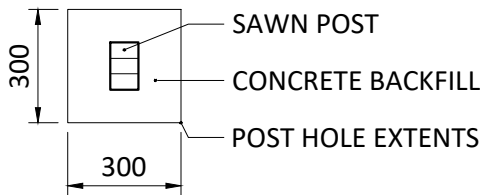
FRONT ELEVATION



SIDE ELEVATION



FOUNDATIONS
PLAN VIEW



SECTION ELEVATION

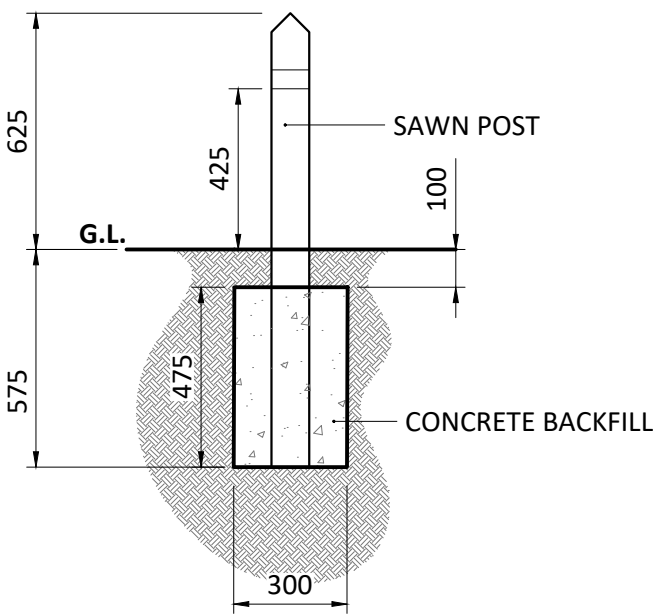


TABLE 1: CLEFT CHESTNUT RAILING NOTES	
TIMBER (GENERALLY):	POSTS: All to be pressure treated softwood. All cuts to be treated with wood preservative.
SUPPLIER:	Contractor's choice.
STANDARD:	BS 1722-5 (2006). All relevant Parts.
TIMBER POST:	
UNIT TYPE:	Pressure treated timber sawn post w/t single 38x50mm mortice.
UNIT DIMENSIONS:	100x125x1200mm.
POST PROFILE:	Twice weathered
POST CENTRES:	1800mm.
POST HOLE DIMENSIONS:	300x300x575mm
CONCRETE SPEC:	Post mix
TIMBER CLEFT RAIL:	
UNIT TYPE:	Timber Cleft Chestnut rail. Ends to be shaped & peeled.
UNIT DIMENSIONS:	1950mm long.
JOINTING PROFILE:	Side Scarfed against adjacent unit. Wedged & nailed at returns and ends to prevent movement within mortice.
FIXTURES & FIXINGS:	
RAILS (GENERALLY):	Tenoned into post mortice.
METHOD OF SECURING:	Single mortice through post & secured to adjacent rail using alternating scarfing joint. Wedged & nailed at returns & ends to prevent movement within mortice.
FIXINGS GENERALLY:	3.75x75mm galvanised clout nail & timber wedge, 1no. per return/end. Drive fully home, ensuring good contact between nail head, wedge and timber rail and/or post. Nail to sit flush with timber surface.

Drawing Revision				
Rev.	Date	Description	DRN	CKD
P1	06/11/2022	First issue.	MS	PG
P2	17/03/2023	Amended to client comments	PG	PG
P3	30/03/2023	Amended to client comments	PG	PG
P4	11/08/2023	Amended to client comments	GR	PG

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Project
LAND NORTH OF HORSHAM

Drawing Title
TIMBER KNEE RAIL

Scale	Sheet Size	Date
1:20	A3	07/08/2023
Client Ref.	Drawing Ref.	Drawing No.
BND	2898-5-5-BND	0005
Status	S5-P4	