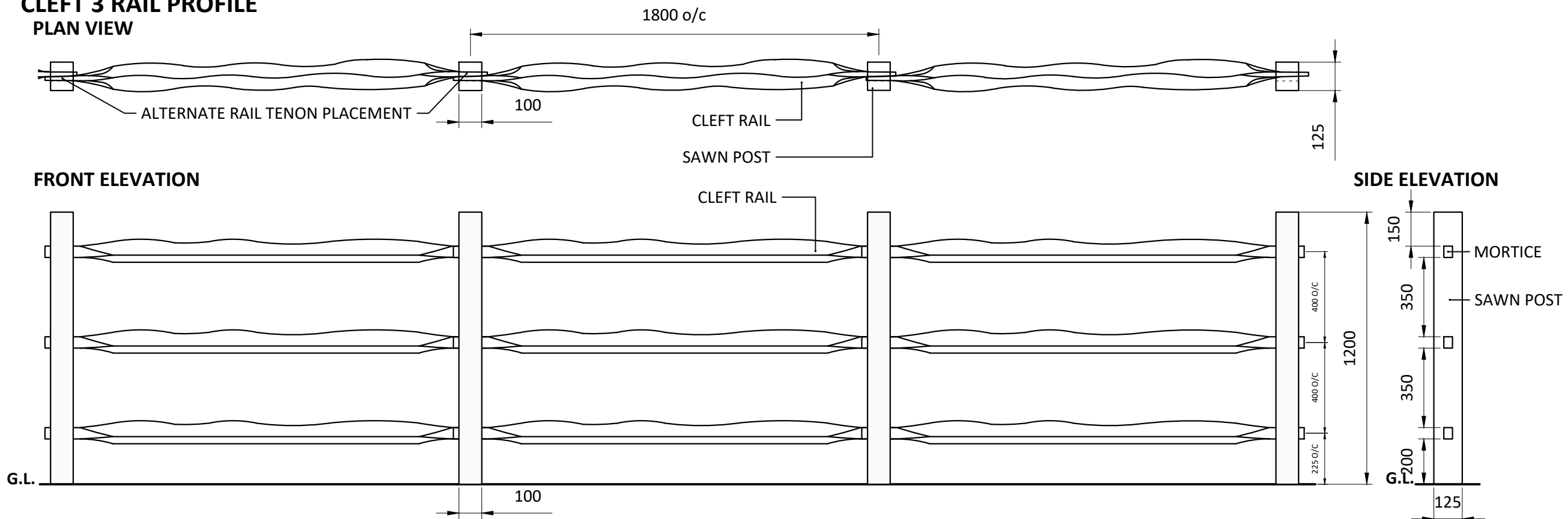
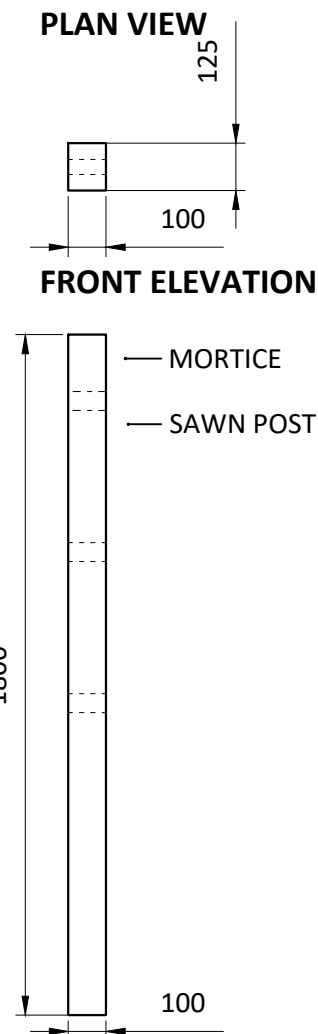


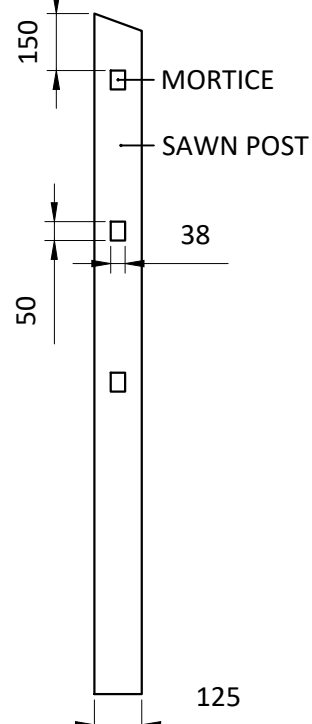
CLEFT 3 RAIL PROFILE PLAN VIEW



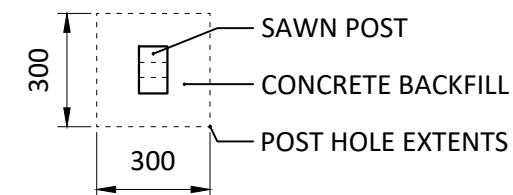
POST PROFILES



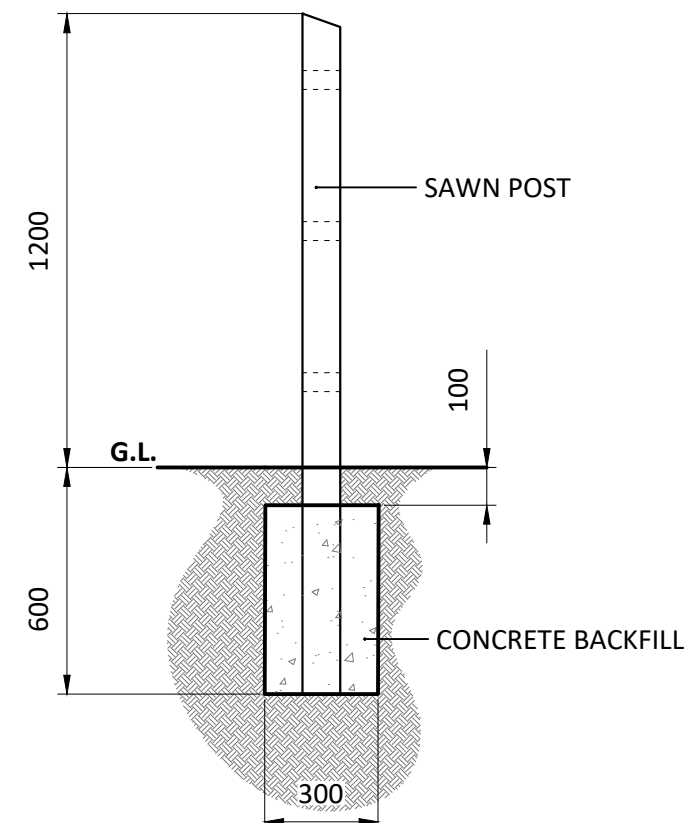
SIDE ELEVATION



FOUNDATIONS



SECTION ELEVATION



TIMBER (GENERALLY):	POSTS: All to be pressure treated softwood. All cuts to be treated with wood preservative. RAILS: All to be cleft chestnut rails. Bark to the underside of the rail.
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:	100x125x1800mm.
POST PROFILE:	Once weathered
POST CENTRES:	1800mm.
POST HOLE DIMENSIONS:	300x300x600mm
CONCRETE SPEC:	Post mix
TIMBER CLEFT RAIL:	
UNIT TYPE:	Timber Cleft Chestnut rail. Ends to be shaped & peeled.
UNIT DIMENSIONS:	1950mm long.
JOINING 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 cleft nail & timber wedge. 1no. per return/endl. Drive fully home, ensuring good contact between nail head, wedge and timber rail and/or post. Nail to sit flush with timber surface.

Note:

- Not to be used on S38/278 works
- Rails to be 1.8m unless agreed otherwise with L&G or on drawing, up to a maximum of 2.7m

Rev.	Date	Description	Drn	Ckd
P5	18/02/2024	Min / max length specified	PG	PG
P4	11/08/2023	Amended to client comments	GR	PG
P3	30/03/2023	Amended to client comments	PG	PG
P2	17/03/2023	Amended following Client comments	GR	PG
P1	01/02/2022	First Issue	MS	PG

Status

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Client

LEGAL & GENERAL (STRATEGIC LAND NORTH HORSHAM) LIMITED.

Project

LAND NORTH OF HORSHAM

Drawing Title

TIMBER CLEFT 3 RAIL

Scale 1:20	Sheet Size A3	Date 19/02/2024
Client Ref. BND	Drawing Ref. 2898-5-5-BND	Drawing No. 0002
		Status S5-P5