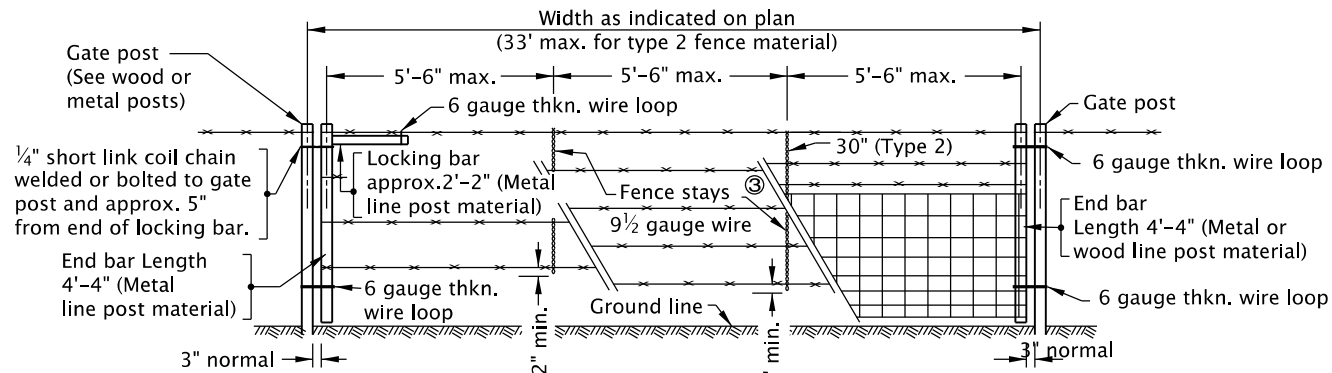


20-JUL-2020

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- NOTES:
- ① Match adjoining fence type.
 - ② For details not shown see fence type.
 - ③ For wooden stays, see Type 1 fence details.

GATEWAY

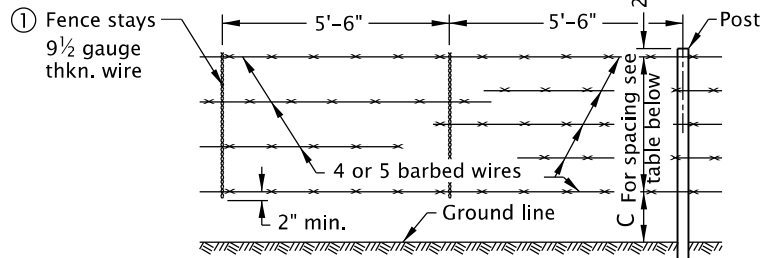


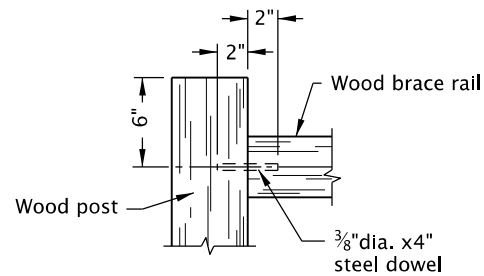
TABLE OF DIMENSIONS

FENCE	C	SPACING	NO. OF WIRES
Type 1	14"	12"	4
Type 1-5W	10"	10"	5

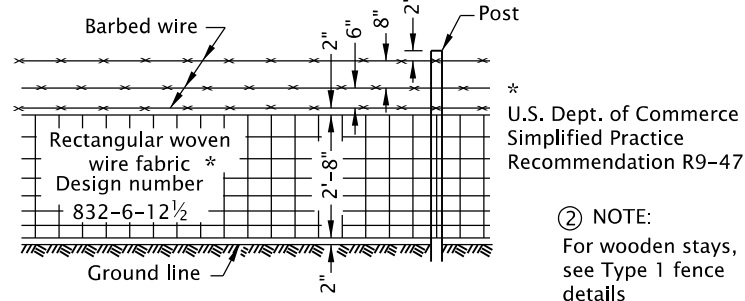
① NOTE:

Wooden Stays to be used in areas of heavy snowfall or snow drifts over 36". Stays to be 2"x2"x52" min. length, sound, untreated Douglas Fir, Western Hemlock or Western Pine, spaced as shown for wire stays and to rest firmly on the ground. Horizontal wires to be stapled are: single wires and a minimum of 4 wires for woven wire fabric.

TYPES 1 , & 1-5W



BRACE RAIL CONNECTION



② TYPE 2

TABLE 1 (For wood posts)

FENCE	R (ft)	UNITS REQUIRED
Types { 1, 1-5W & 2	20 or Less	* None
	20-330	A
	Over 330	A & B

* Unit A required at gate post.

Either Unit A or Units A & B are required in existing fence line at intersection with new fence line.

TABLE 2

FENCE	R max.	P	L min.	L1 min.	H	D min.	D1 min.	B min.	X min.-max.
All Types	660'	16'-6"	7'-6"	6'-6"	4'-4"	3'-2"	2'-2"	7'-8"	9"-22"

TABLE 3

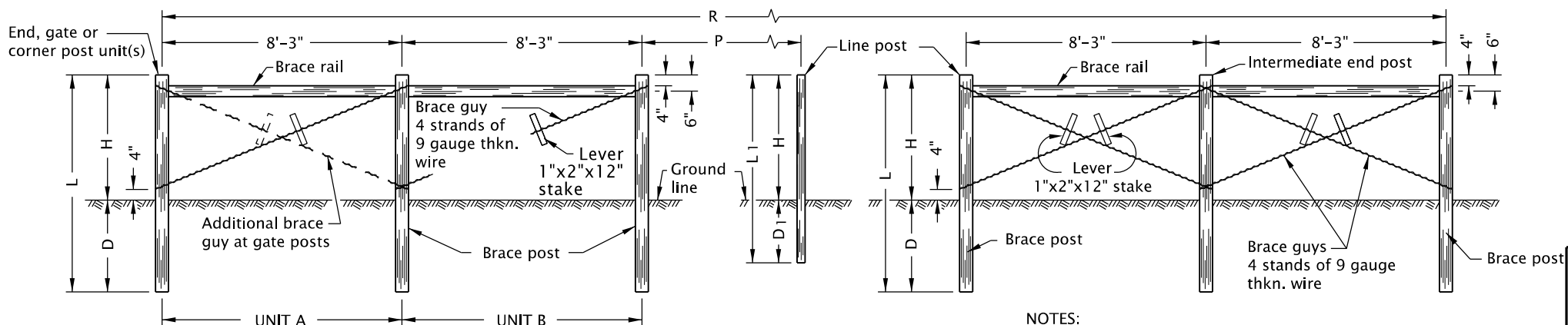
MEMBER	WOOD			METAL		
	* ROUND	SQUARE		SHAPE	WEIGHT PER (ft) nominal	SIZE nominal
	DIAMETER OF SMALL END (in)	SIZE nominal (in)				
Line Post	3" to 4"	3"	† 3"x3"	Tee Channel (a) or U-bar	1.33 lb	ASTM A-702
Brace or Brace Rail	3 1/2" to 5 1/2"	4"	4"x4"	Tubular (a) Angle	3.19 lb	2"x2"x1/4"
Other Post	4" to 7"	5"	† 5"x5"	Tubular (a) Angle	4.1 lb	2 3/8" O.D. 2 1/2"x2 1/2"x1/4"

* Max. taper 1":48".

† Max. allowable size 1" additional in each dimension.

(a) In accordance with ASTM A 702.

(b) In accordance with AASHTO M 181.



For units required see Table 1

WOOD POSTS

- NOTES:
1. For dimensions indicated by letter see Table 2.
 2. Line post spacing same as dimension P.
 3. For cross sectional dimensions of members see Table 3.

- GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:
1. For dimensions indicated by letter see Table 2.
 2. Line post spacing same as dimension P.
 3. For shapes, weights and dimensions of members see Table 3.

4. All concrete shall be commercial grade concrete.
5. See Std. Dwg. RD820 for fence gates.
6. See project plans for details not shown.
7. Add fence grounding as required.

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

BARBED AND WOVEN WIRE FENCES

2024

DATE	REVISION	DESCRIPTION
CALC. BOOK NO.	N/A	SDR DATE- 13-JAN-2020

RD810

Effective Date: June 1, 2026 – November 30, 2026