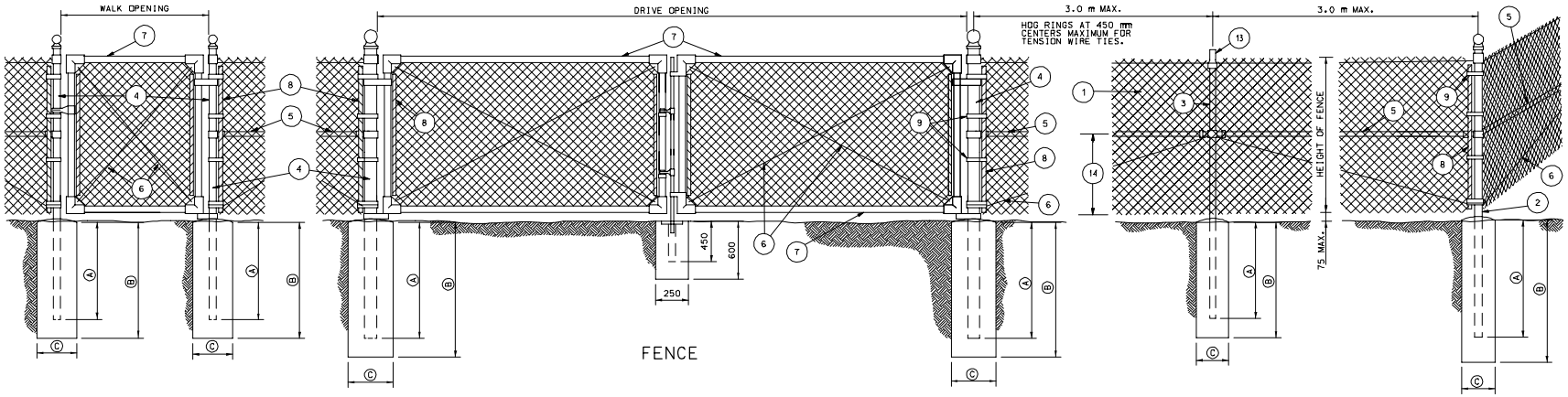
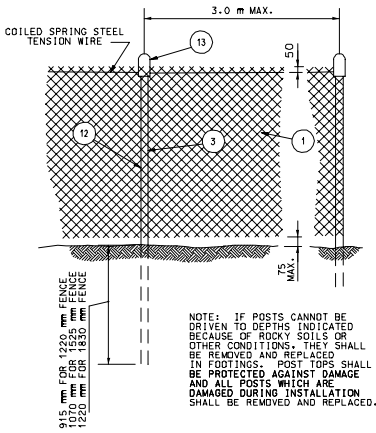


FENCE

LEGEND

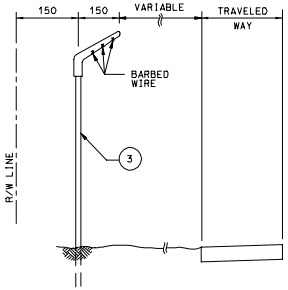
1. FABRIC
2. END, CORNER OR PULL POST
3. LINE POST
4. GATE POST
5. BRACE
6. TRUSS ROD
7. GATE FRAME
8. STRETCHER BAR 6 mm X 19 mm PLATE
9. STRETCHER BAR BAND
10. END OR CORNER CLAMP
11. POST TOPS (OTHER THAN LINE POSTS)
12. FABRIC TIES
13. LINE POST TOPS
14. ONE-HALF FABRIC HEIGHT OR AS RECOMMENDED BY MANUFACTURER

	WIDTH	SIZE (mm)	kg/m
2 END CORNER OR PULL POST	N/A	64 DIA.	8.62
3 LINE POST	N/A	51 DIA.	5.43
4 GATE POST (SINGLE GATE OR 1 LEAF OF DOUBLE)	≤ 1829	64 DIA.	8.62
	≤ 3962	89 DIA.	13.54
	≤ 5486	152 DIA.	28.23
	> 5486	203 DIA.	36.76
5 BRACE	N/A	32 DIA.	3.38
6 TRUSS ROD	N/A	10	–
7 GATE FRAME	N/A	38 DIA.	4.05

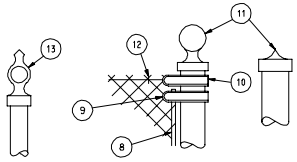


NOTE: IF POSTS CANNOT BE DRIVEN TO DEPTHS INDICATED BECAUSE OF ROCKY SOILS OR OTHER CONDITIONS, THEY SHALL BE REMOVED AND REPLACED IN FOOTINGS. POST TOPS SHALL **BE PROTECTED AGAINST DAMAGE AND ALL POSTS WHICH ARE DAMAGED DURING INSTALLATION** SHALL BE REMOVED AND REPLACED.

ALTERNATE LINE POST ANCHORAGE (DRIVEN)



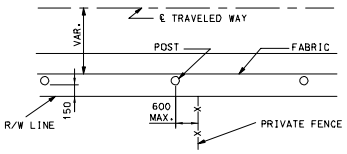
BARBED WIRE EXTENSION BRACKET



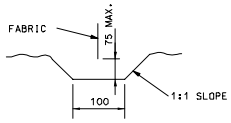
POST TOPS TO BE PRESSURE FITTED OR SCREWED. POST TOPS MAY BE ELIMINATED FOR ALL POSTS EXCEPT PIPE POSTS. IF POST TOPS ARE ELIMINATED, POST LENGTH SHALL BE INCREASED 75 mm.

POST TOPS

DESCRIPTION		HEIGHT OF FENCE (mm)		
		1220	1525	1830
		SIZE(mm)	SIZE(mm)	SIZE(mm)
2 END CORNER & PULLPOST	A	762	914	914
	B	914	1067	1067
	C	254	305	305
3 LINE POST	A	610	686	914
	B	762	914	1067
	C	254	305	305
4 GATE POST (SINGLE GATE OR 1 LEAF OF DOUBLE) WIDTH	A	762	914	914
	B	914	1067	1067
	C	254	305	305



TYPICAL LOCATION



TYPICAL TRENCH DETAILS

GENERAL NOTES:

ALL DIMENSIONS ARE SHOWN IN mm UNLESS OTHERWISE NOTED.

WEIGHTS OF MATERIALS SHOWN IN TABLE ARE FOR ASTM F 1043, GROUP IA. SIZES SHOWN ARE FOR STEEL AND ALUMINUM. EQUIVALENT ASTM F 1043 ALTERNATIVES MAY BE USED.

PULL POSTS SHALL BE USED AT SHARP BREAKS IN VERTICAL GRADE OR AT APPROXIMATE 150 m CENTERS ON STRAIGHT RUNS OR AS DIRECTED BY THE ENGINEER.

DRILLED HOLES (C) IN SOLID ROCK SHALL PROVIDE A DIAMETER OF NOT LESS THAN 50 mm GREATER THAN THE MAXIMUM TRANSVERSE DIMENSION OF THE POST SECTION.

ALL POSTS SHOWN HAVE PROVISIONS TO SECURELY HOLD THE TOP TENSION WIRE IN POSITION AND ALLOW FOR REMOVAL AND REPLACEMENT OF A POST WITHOUT DAMAGING THE TOP TENSION WIRE.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

CHAIN-LINK FENCE

DATE:_____ EFFECTIVE: 07-01-2001 M607.10T 1/1