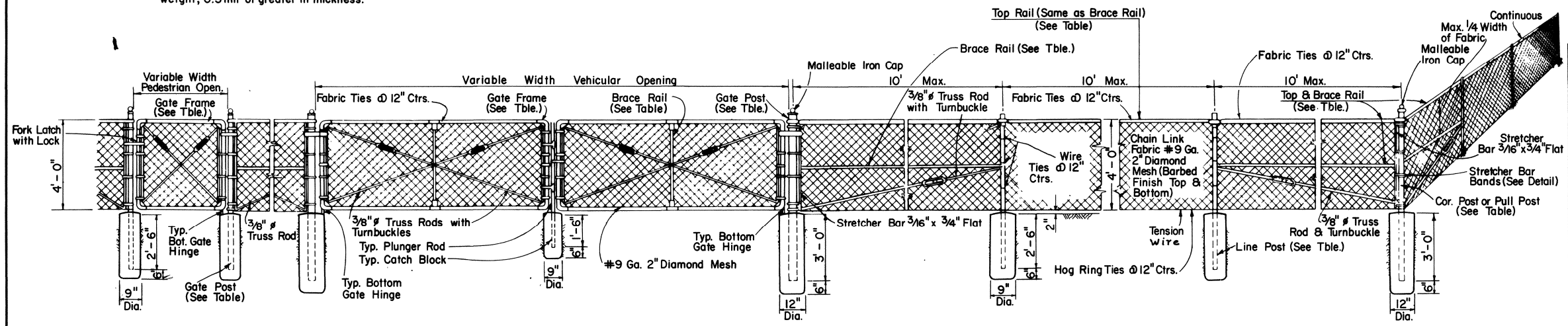
NOTE: ③ Alternate Coating requirements for Round Sections– sections may be externally coated with no less than 0.8 oz./ft.^{2} of high grade or special high grade zinc conforming to ASTM B6, followed by a chromate conversion coating of 30±10 micro-grams/in.^{2} and an electrostatically applied thermoplastic acrylic coating having a minimum dry film thickness of 0.3 mil. The internal surface shall be coated with a zinc rich coating of no less than 81% ZINC powder by weight, 0.3 mil or greater in thickness.

	STATE PROJECT	PARISH	SHEET NO

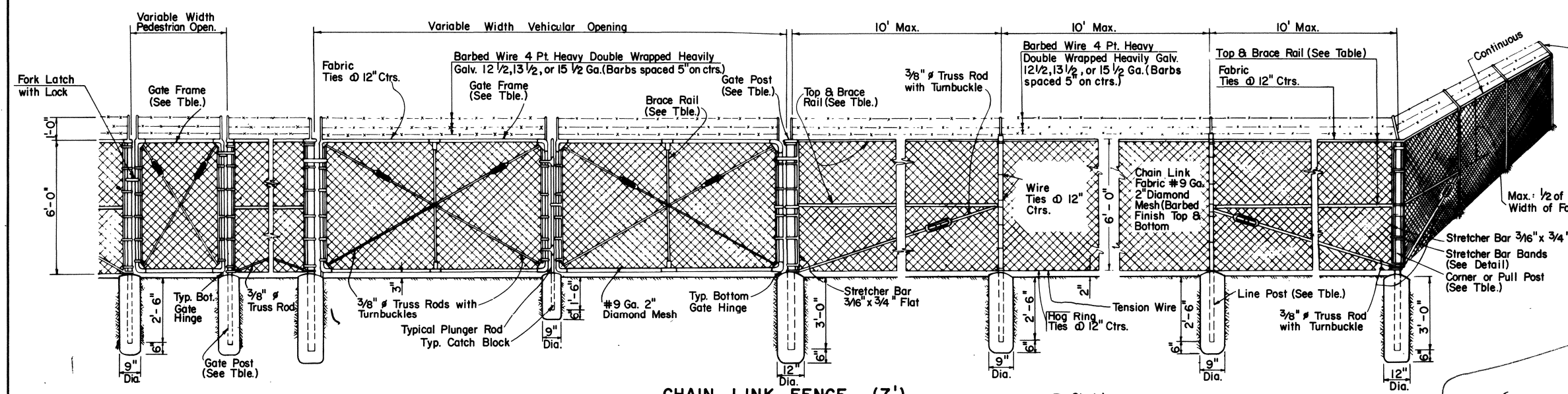


CHAIN LINK FENCE (4')

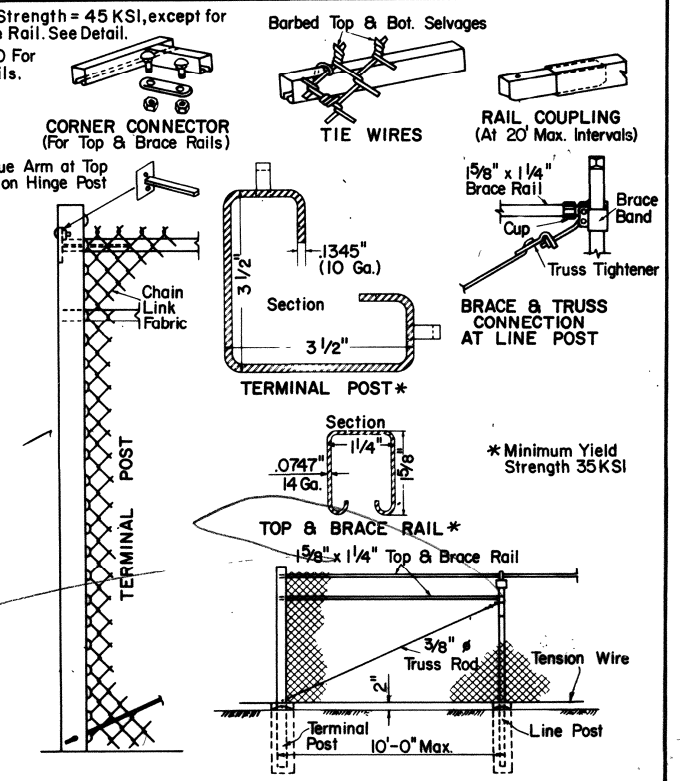
NOTE:
Single Gate = 13' Width Max.
Double Gate = 26' Width Max.

	OUTSIDE DIA. (INCHES)	LBS.② (PER LIN. FT.)	ALTERNATE ③ (INCHES)	SECTION①	LBS. (PER LIN. FT.)
LINE POST	2 3/8	3.65	2.375	Round	3.12
			2.25 x 1.70	H	4.12
			2.25 x 1.70	Heavy C	2.73
			1.875 x 1.625	Std. C	2.34
BRACE RAIL	1 5/8	2.27	1.660	Round	1.84
			1.875 x 1.625	H	3.33
			1.625 x 1.25	See Detail	1.35
COR. POST	2 7/8	5.79	2.875	Round	4.64
GATE POST	4.0	9.10	3.500	Round	6.01
GATE FRAME	1 7/8	2.71	1.900	Round	2.28

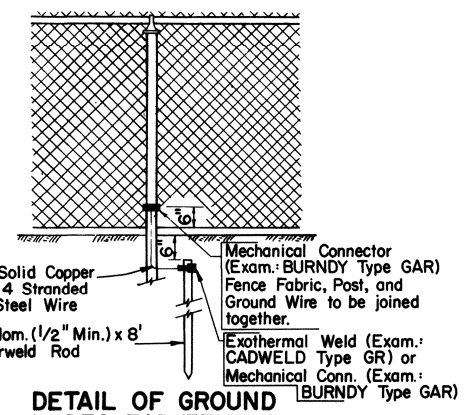
① Minimum Yield Strength = 45 KSI, except for 1.625 x 1.25 Brace Rail. See Detail.
② See ASTM A120 For Additional Details.



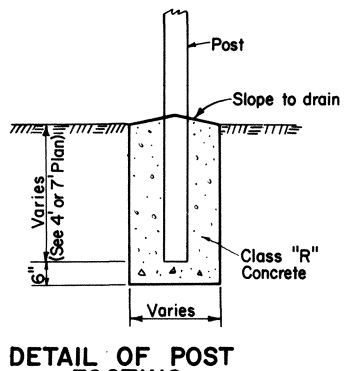
CHAIN LINK FENCE (7')



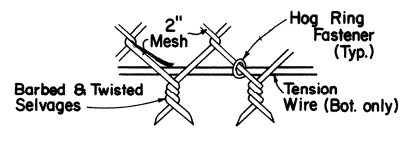
ALTERNATE TERMINAL POST & DETAILS



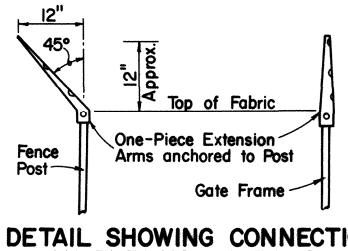
DETAIL OF GROUND WIRES FOR FENCES



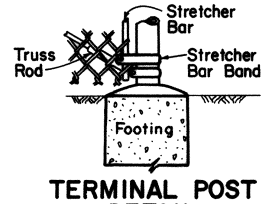
DETAIL OF POST FOOTING



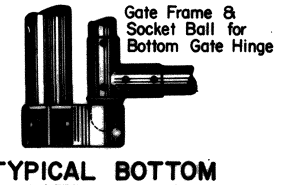
FABRIC & TENSION WIRE DETAIL



DETAIL SHOWING CONNECTION OF EXTENSION RODS



TERMINAL POST DETAIL



TYPICAL BOTTOM GATE HINGE

NOTES:
The fence installation and details shown are typical and may vary in accordance with different manfacturers, provided that they meet the Standard Specifications.

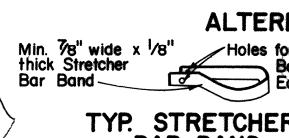
Typical installation plan may vary as shown on the plans or as directed by the Engineer. Location of gates to be shown on plans.

Grounding devices are to be installed in accordance with the Standard Specifications.

Connections to aluminum alloy or aluminum coated fence to be made with steel mechanical connectors. All other mechanical connectors to be bronze.

All bolts to be upset to discourage vandalism.

All connection methods to be approved by the Project Engineer.



TYP. STRETCHER BAR BAND

DATE	DESCRIPTION	BY
6-1-83	Remove Gage- Tension Wire - Wire ties	H.J.B.
7-10-78	Rev. Alt. to Brace Rail, Corner Post & Gate Frame	W.T.J.
2-10-73	Retraced, Renumbered, Post Footing Dimensions.	W.T.J.

REVISIONS

STANDARD PLAN NO. FN-01 | 1 OF 1

CHAIN LINK FENCE & GATES 4 FT. AND 7 FT. HEIGHTS

DATED _____ 19____

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

DESIGNED	DETAILED Q.A.H.	TRACED J.L.R.	
CHECKED	CHECKED	CHECKED J. Manno	
APPROVED Original Signed by Chief Engineer		DATE	

CHIEF ENGINEER