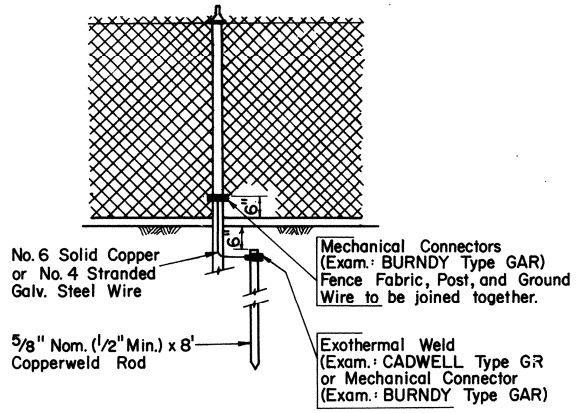
	STATE PROJECT	PARISH	SHEET NO.

DETAILS OF GROUND WIRES FOR FENCES



NOTES:
Grounding devices are to be installed in accordance with the Std. Specifications.

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

All connection methods to be approved by Project Engineer.

	OUTSIDE DIA. (INCHES)	LBS.(2) (PER LIN. FT.)	ALTERNATE (3) (INCHES)	SECTION (1)	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 = 45KSI, except for 1.625x1.25 Brace Rail. See Detail.
(2) See ASTM A120 For Additional Details.

NOTES:
Typical installation plan may vary as shown on the plans, or as directed by the Engineer.

Location of gates to be shown on plans.

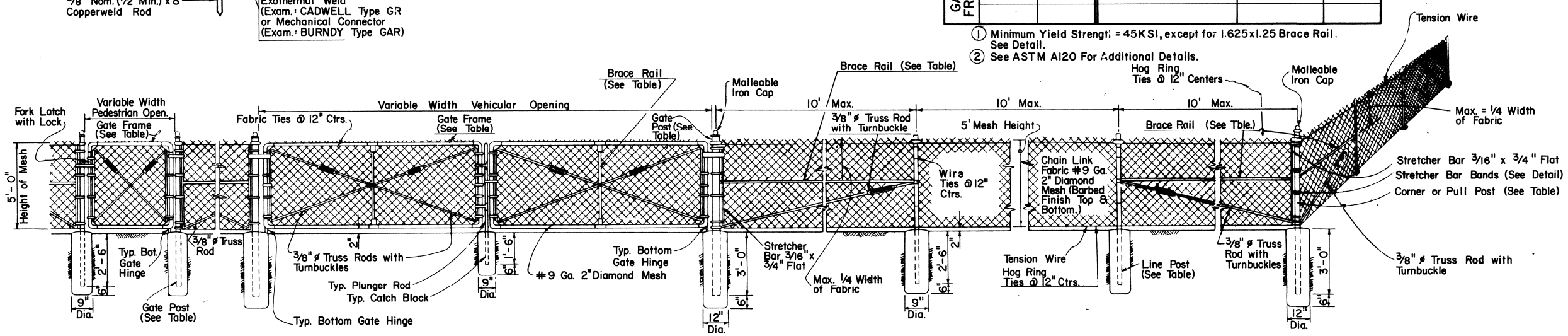
Lateral fence to be same construction as frontal fence.

All bolts to be upset to discourage vandalism.

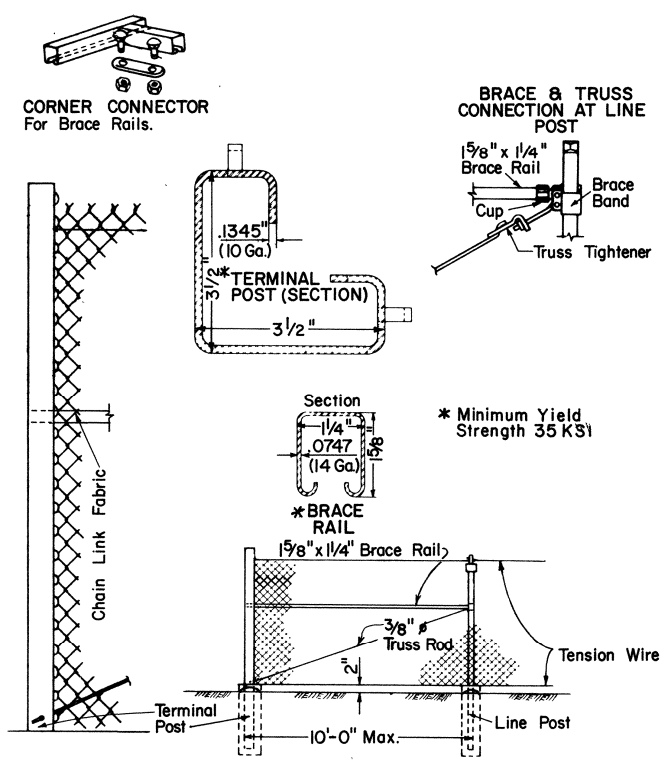
The fence installation and details as shown are typical and may vary in accordance with different manufacturers, provided that they meet the Standard Specifications.

GATES:
Single = 13' Width Maximum
Double = 26' Width Maximum

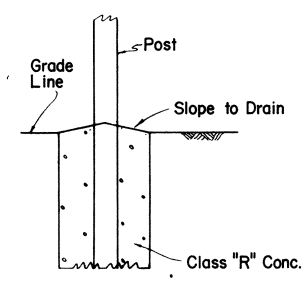
(3) Alternate Coating requirements for Round Sections– sections may be externally coated with no less than 0.8 oz./ft² of high grade or special high grade zinc conforming to ASTM B6, followed by a chromate conversion coating of 30±10 micro-grams/in² and an electrostatically applied thermoplastic acrylic 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.



CHAIN LINK FENCE (5 FT.)

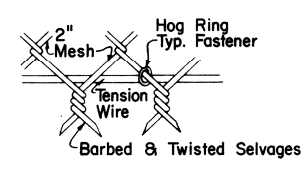


ALTERNATE TERMINAL POST & DETAILS

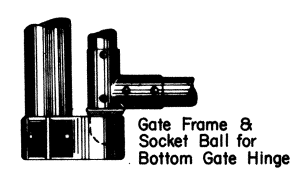


DETAIL OF POST FOOTING

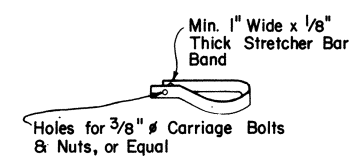
NOTE: All Conc. Footing shall be crowned 1 1/4" above Grade Line.–



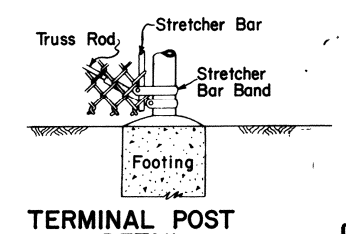
FABRIC & TENSION WIRE DETAIL
Tension Wire Req'd. Top & Bottom



TYPICAL BOTTOM GATE HINGE



TYPICAL STRETCHER BAR BAND



TERMINAL POST DETAIL

DATE	DESCRIPTION	BY
6-1-83	Remove Gage-Tension Wire-Wire ties.	H.T.B.
11-1-79	Rev. Ground Wire Detail	W.T.J.
7-10-78	Rev. Alt. to Brace Rail, Corner Post, & Gate Frame	W.T.J.
2-10-78	Retraced, Renumbered & Changed Post Footing Dimensions.	W.T.J.

REVISIONS

STANDARD PLAN NO. FN – 03 | 1 OF 1

CHAIN LINK FENCE & GATES
5 FT. HEIGHT FOR INTERSTATE
C. OF A. FENCING

DATED Feb. 20, 19 63

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

DESIGNED	DETAILED W. E. M.	TRACED Y. Mitchell
CHECKED	CHECKED	CHECKED
APPROVED Original Signed by Chief Engineer		DATE
CHIEF ENGINEER		