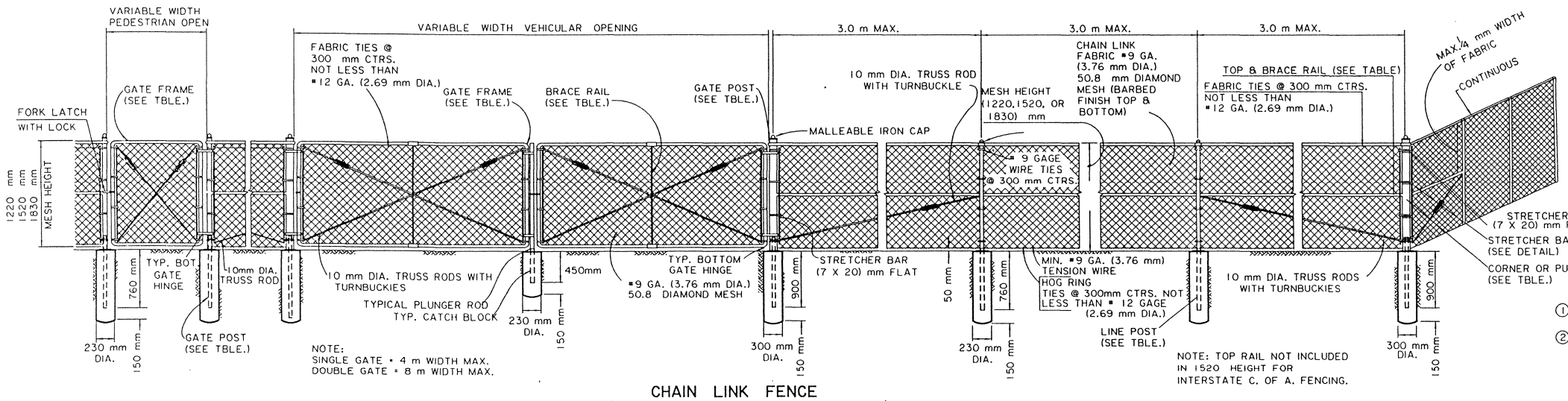
F.A.P.	STATE PROJECT	PARISH	SHEET NO.

NOTE: ③ ALTERNATE COATING REQUIREMENTS FOR ROUND SECTIONS-
SECTIONS MAY BE EXTERNALLY COATED WITH NO LESS THAN 244 g/m^2 OF HIGH GRADE OR SPECIAL HIGH GRADE ZINC CONFORMING TO ASTM B6, FOLLOWED BY A CHROMATE CONVERSION COATING OF 4650 ±10 MICRO-GRAMS/mm^2 AND AN ELECTROSTATICALLY APPILED THERMOPLASTIC ASRYLIC 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.

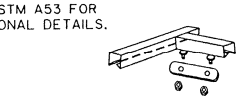


CHAIN LINK FENCE (1220 mm, 1520 mm, & 1830 mm)

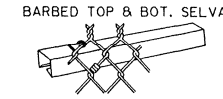
	OUTSIDE DIA. (mm)	KG ② (PER LIN.m)	ALTERNATE ③ (mm)	SECTION ①	KG (PER LIN.m)
LINE POST	60.3	5.43	60.3	ROUND	4.64
			57.2 X 43.2	H	4.12
			57.2 X 43.2	HEAVY C	2.73
			47.6 X 41.3	STD. C	2.34
BRACE RAIL	41.2	3.38	42.1	ROUND	2.74
			47.6 X 41.3	H	3.33
			41.3 X 31.8	SEE DETAIL	1.35
COR. POST	73.0	8.61	73.0	ROUND	6.90
GATE POST	101.6	13.54	88.9	ROUND	8.94
GATE FRAME	47.6	4.03	48.3	ROUND	3.39

① MINIMUN YIELD STRENGTH = 310 MPa EXCEPT FOR 141.3 mm X 31.8 mm BRACE RAIL. SEE DETAIL.

② SEE ASTM A53 FOR ADDITIONAL DETAILS.

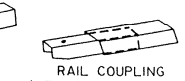


CORNER CONNECTOR (FOR TOP & BRACE RAILS)

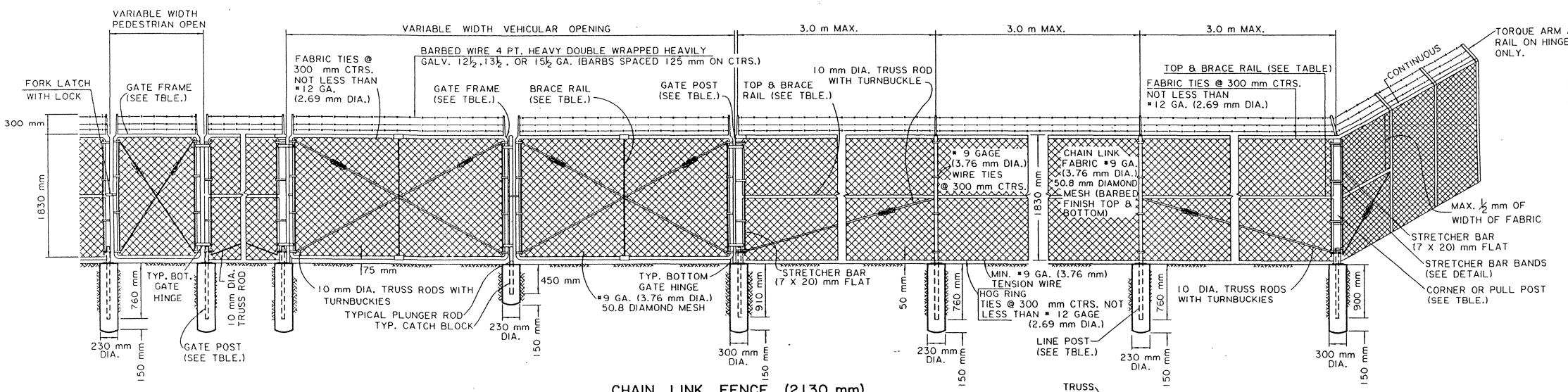


BARBED TOP & BOT. SELVAGES

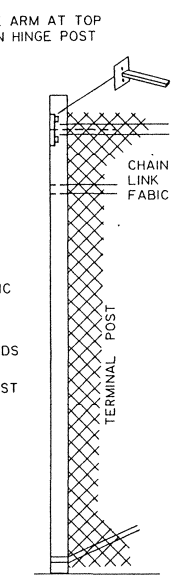
TIE WIRES

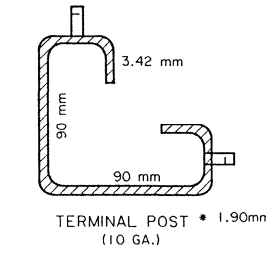


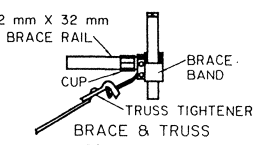
RAIL COUPLING (AT 6.0 m MAX. INTERVALS)



CHAIN LINK FENCE (2130 mm)



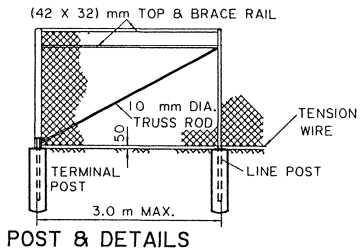




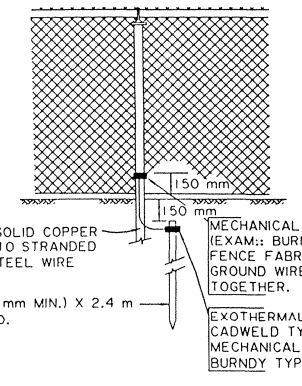
BRACE & TRUSS CONNECTION AT LINE POST

• MINIMUM YIELD STRENGTH 240 MPa.

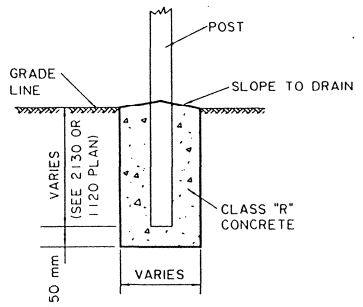
TOP & BRACE RAIL• 14 GA.



ALTERNATE TERMINAL POST & DETAILS

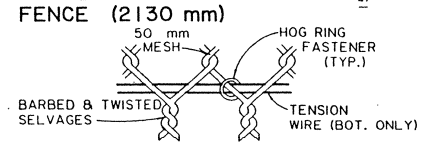


DETAIL OF GROUND WIRES FOR FENCES

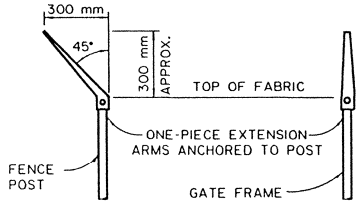


DETAIL OF POST FOOTING

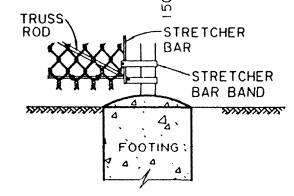
NOTE: ALL CONC. FOOTING SHALL BE CROWNED 32 mm ABOVE GRADE LINE.



FABRIC & TENSION WIRE DETAIL



DETAIL SHOWING CONNECTION OF EXTENSION RODS



TERMINAL POST DETAIL

GATE FRAME & SOCKET BALL FOR BOTTOM GATE HINGE

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.

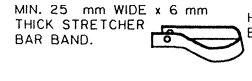
CONNECTIONS TO ALUMINUM ALLOY OF ALUMINUM COATED FENCE TO BE MADE WITH STEEL MECHANICAL CONNECTORS. ALL OTHER MECHANICAL CONNECTORS TO BE BRONZE.

ALL BOLTS TO BE UPSET TO DISCOURAGE VANDALISM.

ALL CONNECTION METHODS TO BE APPROVED BY THE PROJECT ENGINEER.

LOCATION OF GATES TO BE SHOWN ON PLANS.

LATERAL FENCE TO BE SAME CONSTRUCTION AS FRONTAL FENCE.



MIN. 25 mm WIDE x 6 mm THICK STRETCHER BAR BAND.

HOLES FOR 10 mm DIA. CARRIAGE BOLTS & NUTS, OR EQUAL.

TYP. STRETCHER BAR BAND

DATE	DESCRIPTION	BY

REVISIONS

STANDARD PLAN NO. FN-01(M) 1 OF 1

CHAIN LINK FENCE & GATES
(1220 mm, 1830 mm AND 2130 mm) HEIGHTS & 1520 mm HEIGHT FOR INTERSTATE C. OF A. FENCING.

DATED

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

DESIGNED	DETAILED	DIR
CHECKED	CHECKED S. MCCAIN	FILE FN-01.DGN

APPROVED Original Signed by Chief Engineer DATE
CHIEF ENGINEER

FN-01.DGN