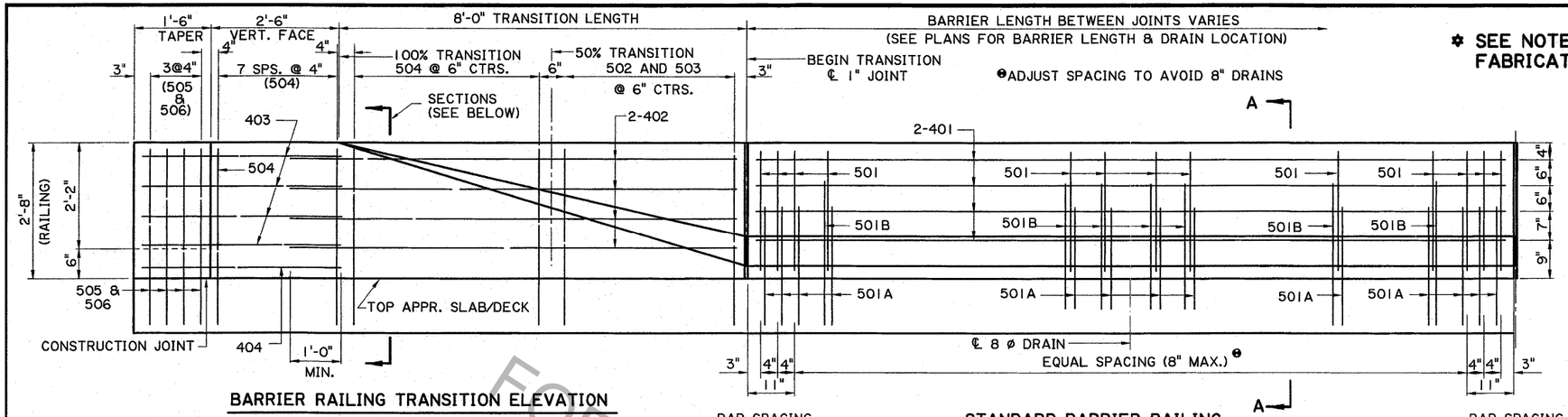
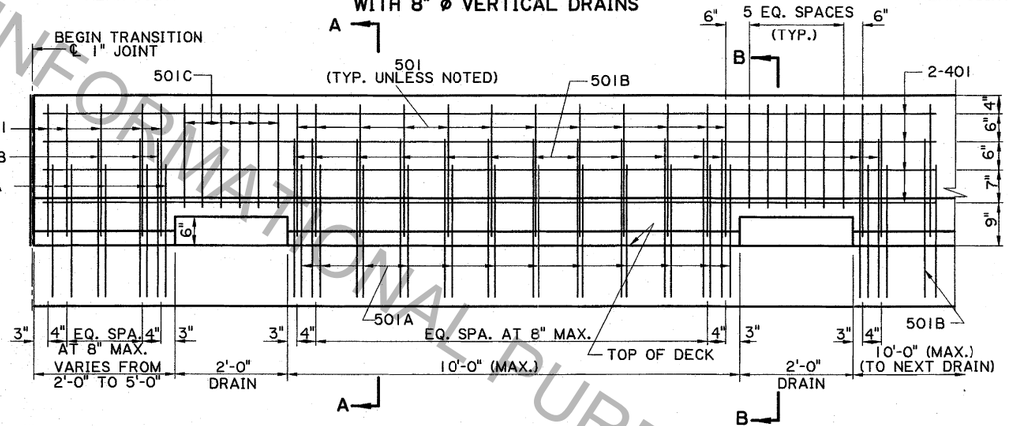
8/10/2015 15:39

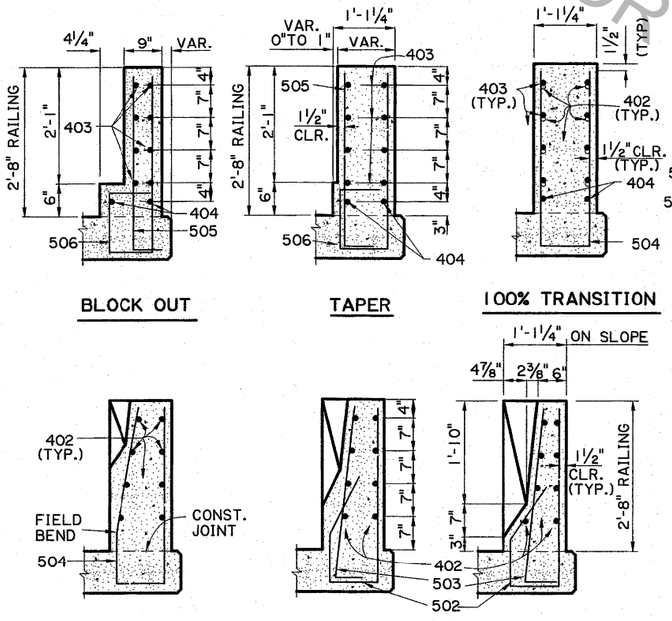


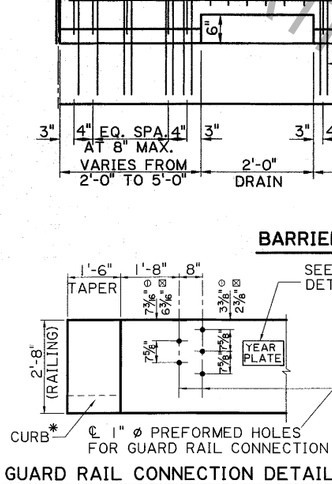
BARRIER RAILING TRANSITION ELEVATION

STANDARD BARRIER RAILING WITH 8" ø VERTICAL DRAINS



BARRIER RAILING WITH HORIZONTAL DRAIN SLOTS





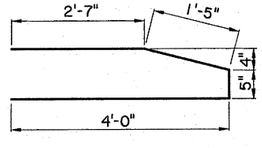
GUARD RAIL CONNECTION DETAIL

(FOR GUARD RAIL DETAILS, SEE STANDARD PLAN GR-200.)

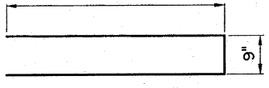
❸FOR 27" GUARD RAIL HEIGHT

⊠FOR 28" GUARD RAIL HEIGHT

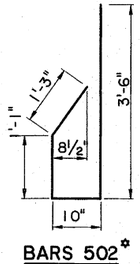
STATE OF LOUISIANA
JUSTIN C. PELTIER
License No. 34765
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
5/8/2012



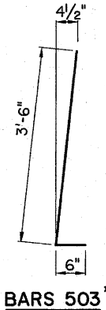
BARS 403 (2" ø PIN)



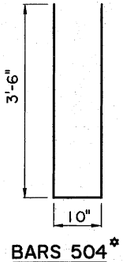
BARS 404 (2" ø PIN)



BARS 502* (2½" ø PIN)



BARS 503* (2½" ø PIN)



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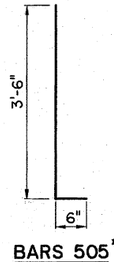

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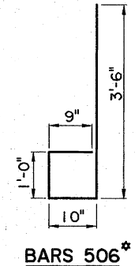
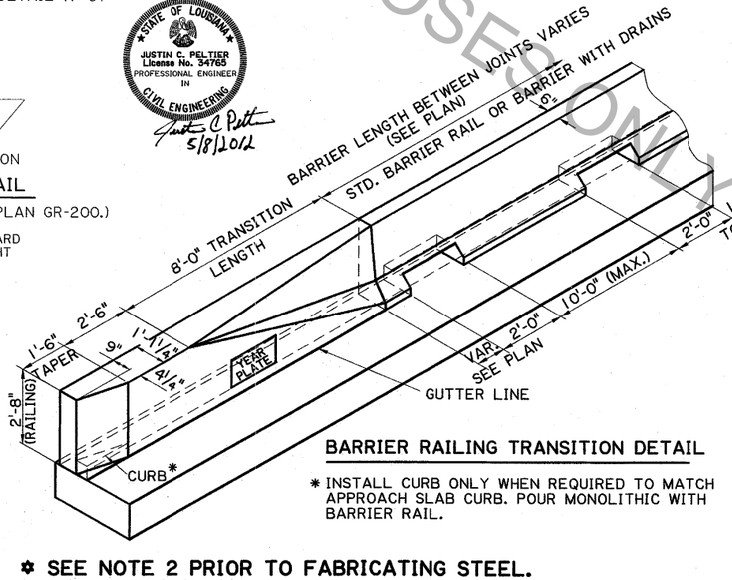


BARS 506* (2½" ø PIN)

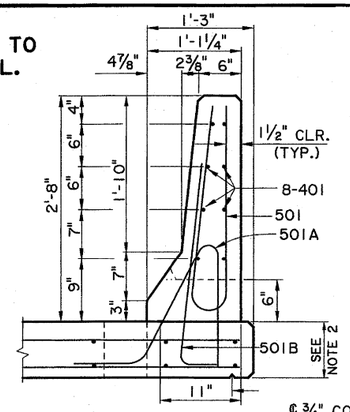


BARRIER RAILING TRANSITION DETAIL

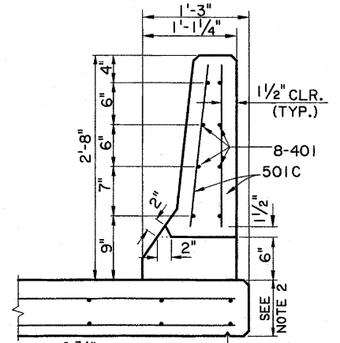
* INSTALL CURB ONLY WHEN REQUIRED TO MATCH APPROACH SLAB CURB. POUR MONOLITHIC WITH BARRIER RAIL.

❂ SEE NOTE 2 PRIOR TO FABRICATING STEEL.

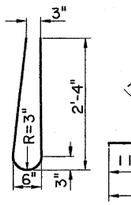
❂ SEE NOTE 2 PRIOR TO FABRICATING STEEL.



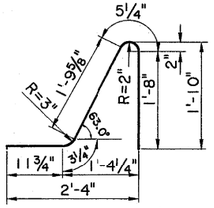
F-SHAPE BARRIER RAILING SECTION A-A



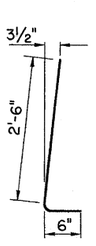
F-SHAPE BARRIER RAILING SECTION B-B



BARS 501 (2½" ø PIN)



BARS 501A* (2½" ø PIN)



BARS 501B* (2½" ø PIN)

NOTES:

1) CONCRETE TO BE CLASS AA AND REINFORCING STEEL TO BE GRADE 60.
2) REINFORCING STEEL DIMENSIONS SHOWN ARE BASED ON A 1'-1" THICK SLAB UNDER BARRIER. ADJUSTMENTS MUST BE MADE FOR DECKS WITH OTHER THICKNESSES. SEE SPAN DETAILS.
3) WHEN EPOXY COATED OR GALVANIZED REINFORCING STEEL IS REQUIRED IN THE CONCRETE DECK, LONGITUDINAL BARS AND STIRRUPS IN THE BARRIER RAIL FACE (ROADWAY SIDE) SHALL HAVE THE SAME PROTECTION. ALL BARRIER RAIL SURFACES ARE TO RECEIVE A CLASS 2A SPECIAL SURFACE FINISH.
4) 1" OPEN JOINT TYPICAL. SAW CUTTING OF THE OPEN JOINT IS PERMITTED PROVIDED 1½" MIN. CLEARANCE IS MAINTAINED FOR REINFORCING STEEL AND SUBJECT TO APPROVAL OF THE ENGINEER.
5) ALL CONCRETE AND STEEL IN BARRIER RAILING AND BARRIER RAILING TRANSITION INCLUDING BARS THAT PROJECT FROM THE DECK INTO THE RAILING TO BE PAID FOR UNDER ITEM 810-01-00100 CONCRETE RAILING (STANDARD BARRIER) OR 810-01-00200 CONCRETE RAILING (SLOTTED BARRIER), PER LINEAR FOOT.
6) SEE GENERAL PLAN FOR BARRIER TYPE.

FOR INFORMATIONAL PURPOSES ONLY

SHEET NUMBER		
PARISH	CONTROL SECTION	STATE PROJECT
DESIGNED T. LE CHECKED J. PELTIER	DETAILED G. GRASS CHECKED J. PELTIER	1 OF 1
	SERIES NUMBER	

NO.	DATE	REVISION OR CHANGE ORDER DESCRIPTION	
1	07/23/15	REVISED GUARD RAIL CONNECTION DETAIL	CMG
			BY

CAST-IN-PLACE BARRIER RAILING & TRANSITION (TRANSITION ON SPAN)

BD.2.6.1.14.02 - BR-02

BRIDGE & STRUCTURAL DESIGN

IP_PWP:dms55670\BD.2.6.1.14.02 - BR-02.dgn