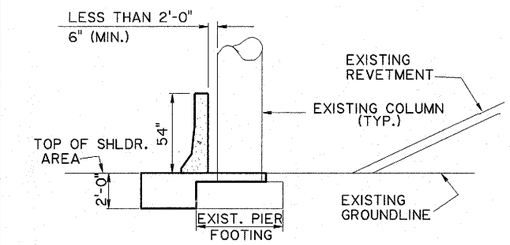
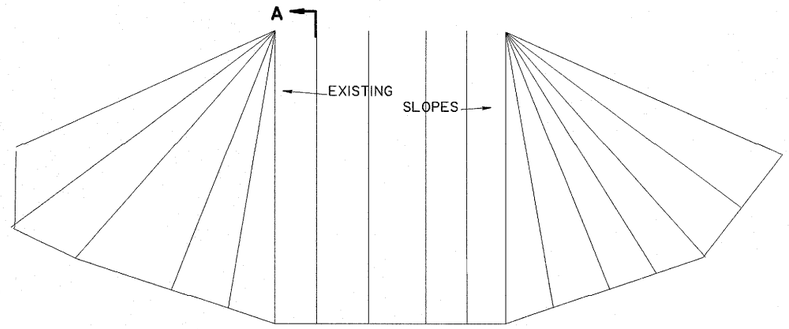
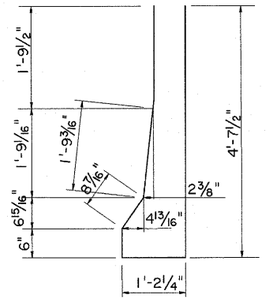
27-JAN-2009 15:10

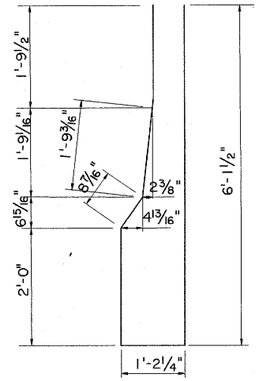


NEW BARRIER FOOTING SHALL BE COPED TO FIT THE EXIST. PIER FOOTING

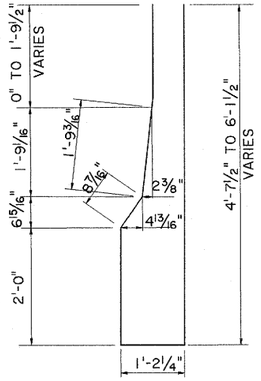
SECTION A - A



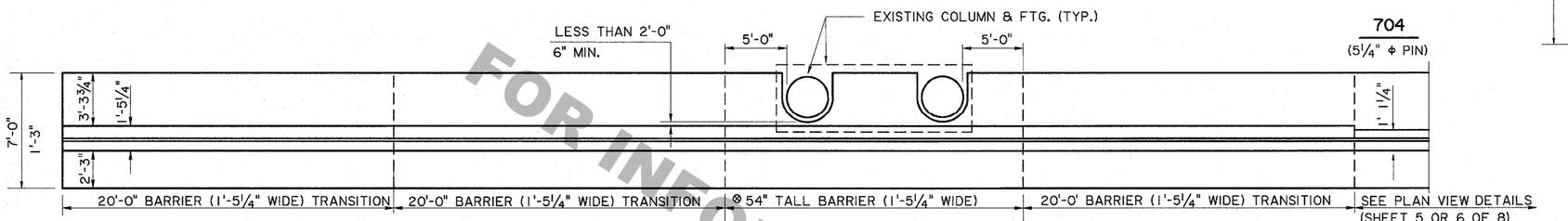




703
(5¼" Φ PIN)

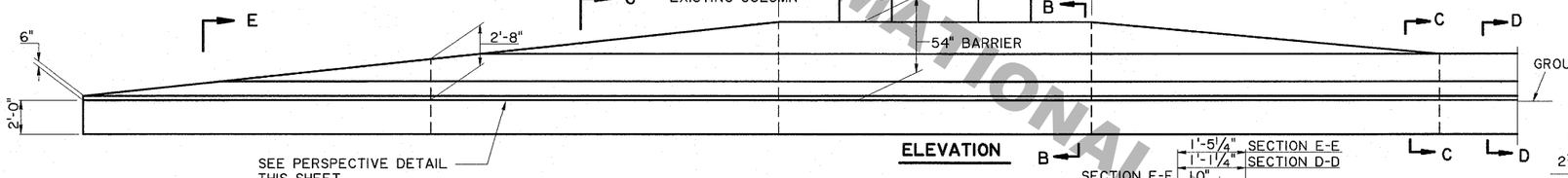


⊕ 705
(5¼" Φ PIN)

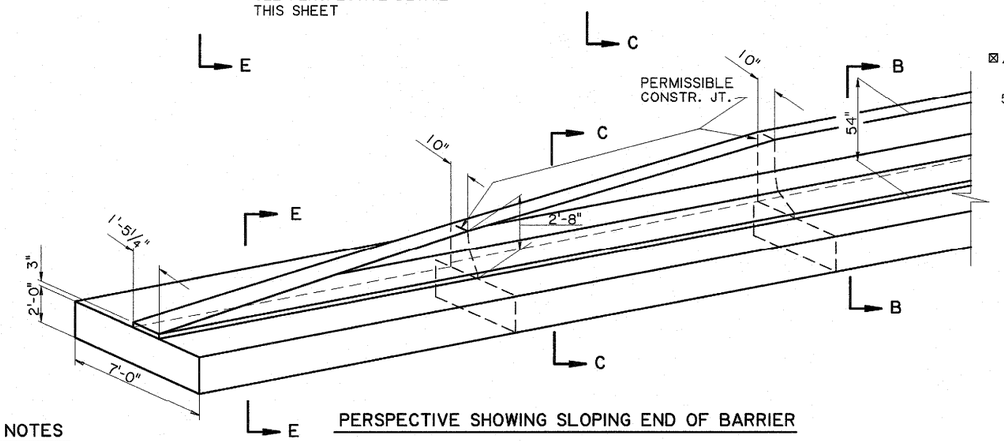


PLAN

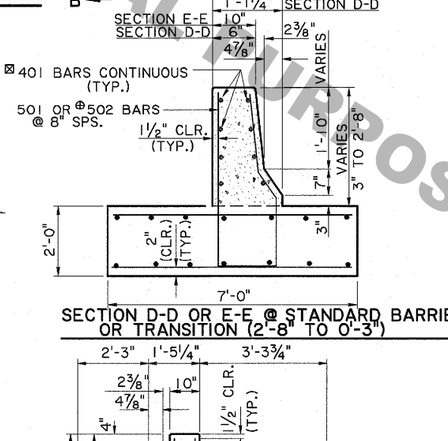
PERMISSIBLE ½" OPEN JT. (TYP.)



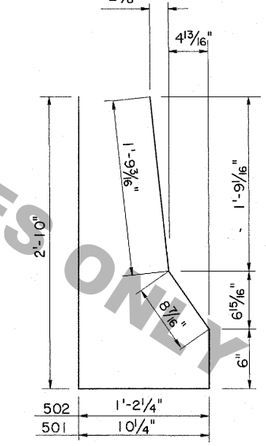
ELEVATION



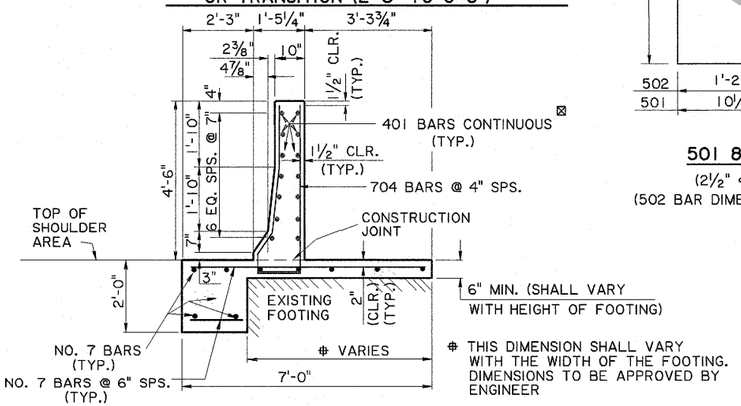
PERSPECTIVE SHOWING SLOPING END OF BARRIER



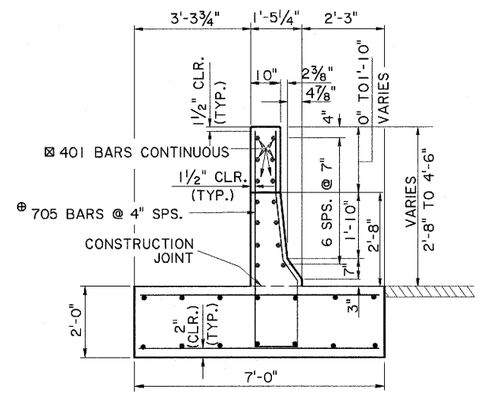
SECTION D-D OR E-E @ STANDARD BARRIER OR TRANSITION (2'-8" TO 0"-3")



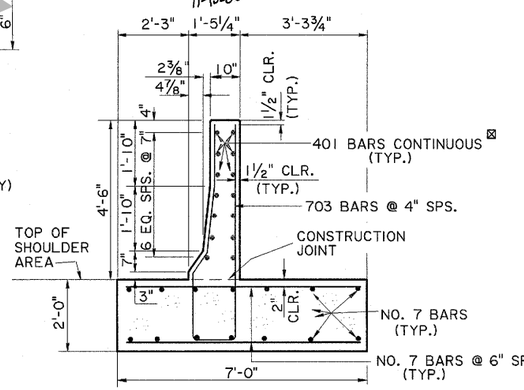
501 & 502 ⊕
(2½" Φ PIN)
(502 BAR DIMENSIONS VARY)



BARRIER RAILING SECTION AT EXISTING COLUMN & FOOTING



SECTION C-C @ TRANSITION BARRIER (2'-8" TO 4'-6")



SECTION B-B @ 4'-6" BARRIER

NOTES

EXISTING SLOPE SHOWN IS FOR ILLUSTRATION ONLY. (SLOPES VARY AT EACH LOCATION)

⊗ LENGTH OF 54" TALL BARRIER TO BE DETERMINED BY THE LENGTH OF THE OBJECT TO BE PROTECTED

½" OPEN JOINTS TO BE AT 20'-0" MAX. CTRS.

TRAILING END SHOWN IS FOR USE WITH THE FILL SECTIONS.

FOR TRAILING END ON CUT SECTIONS SEE SHEET 5 OF 8.

SEE SHEET 5 OF 8 FOR OTHER PIER PROTECTION SYSTEM NOTES.

REINFORCING STEEL BAR DETAILS THAT ARE SHOWN ARE FOR FABRICATION. STRAIGHT REBAR DETAILS NOT SHOWN AND ONLY THE SIZE IS SHOWN IN THE SECTIONS.

⊕ THESE REBAR DIMENSIONS VARY AND SHALL BE ADJUSTED & FABRICATED TO FIT IN THE TRANSITION AREA.

THIS STANDARD PLAN SHALL BE USED IN CONJUNCTION WITH STANDARD PLAN GR-200

SEE STANDARD DETAIL BR-01 FOR FURTHER STD. BARRIER AND REINFORCING DETAIL INFORMATION.

⊠ 401 BAR WILL TERMINATE IN TRANSITION SECTION WITH 1½" REQUIRED BAR CLEARANCE

FOR INFORMATIONAL PURPOSES ONLY

IP_PWP:dms31585\GR201-08.dgn

SHEET NUMBER

PARISH | FEDERAL PROJECT | STATE PROJECT

DESIGNED G. GRASS
CHECKED P. FOSSIER
DETAILED
CHECKED
DATE OCT.2008
SHEET 8 OF 8

REVISION DESCRIPTION | BY | DATE: 1-26-09

DATE | APPROVED BY CHIEF ENGINEER:

HIGHWAY GUARD RAILS
PIER PROTECTION SYSTEM
SELF-SUPPORTING BARRIER
(CUT & FILL SECTION)

GR-201

BRIDGE AND STRUCTURAL DESIGN