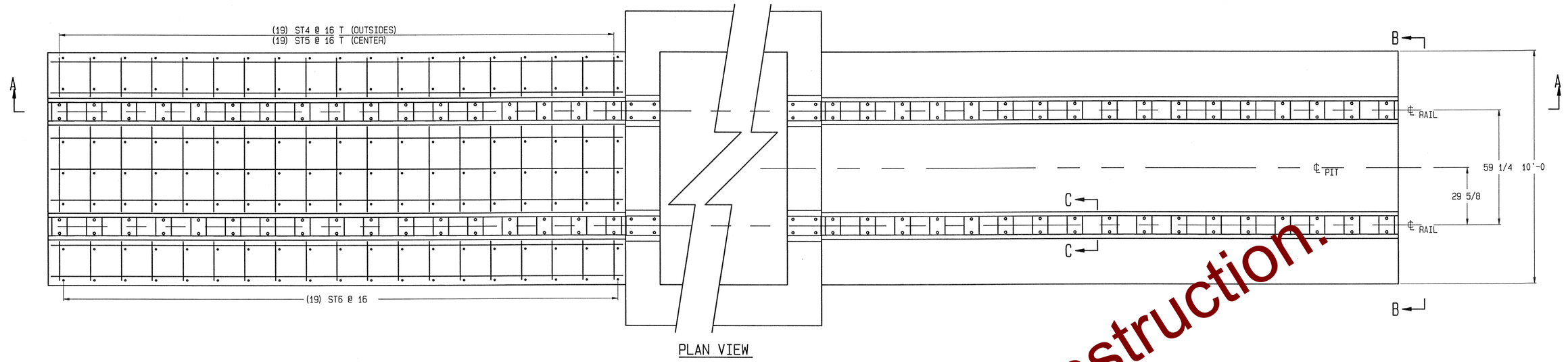
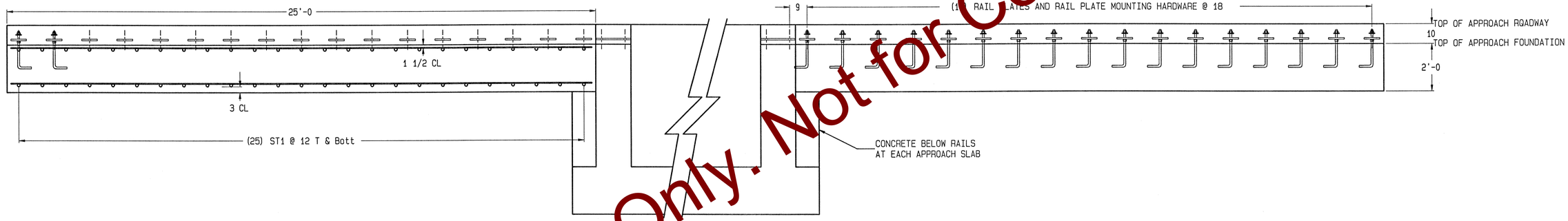
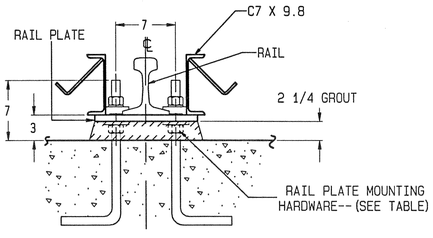


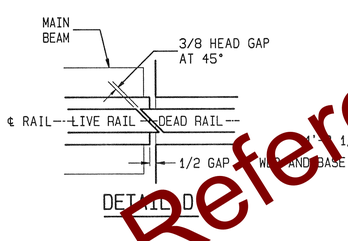
PLAN VIEW



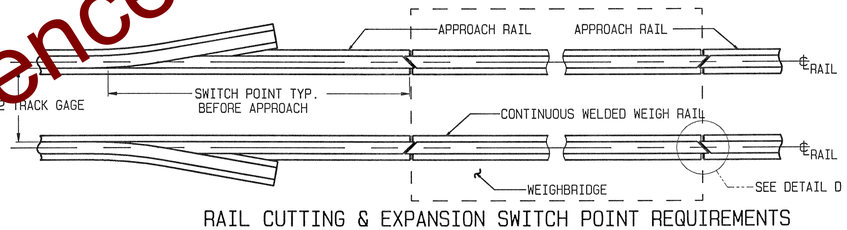
A-A



C-C

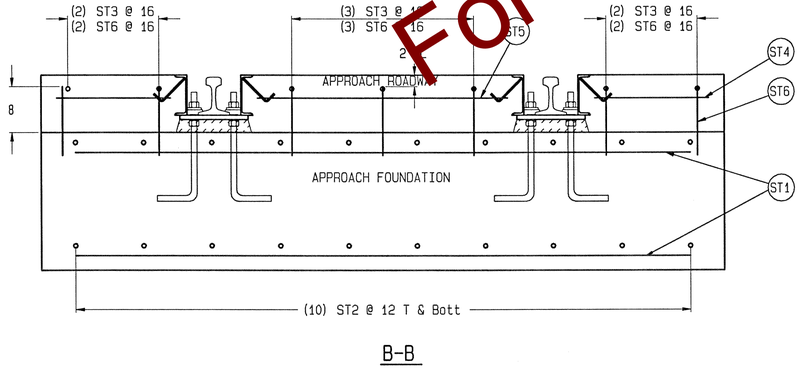


DETAIL D

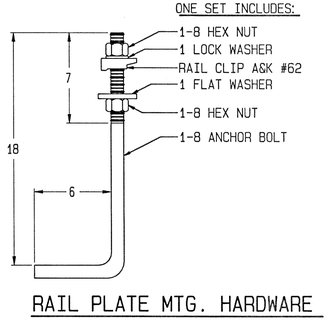


RAIL CUTTING & EXPANSION SWITCH POINT REQUIREMENTS

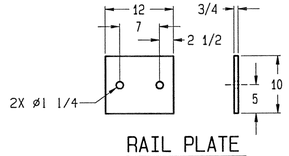
NOTE: CUSTOMER TO PROVIDE SWITCH POINTS ON APPROACH
RAILS FOR EXPANSION PURPOSES, PRECEEDING THE APPROACH.



B-B



RAIL PLATE MTG. HARDWARE



RAIL PLATE
ASTM A-36 HR

PARTS REQUIRED FOR COMBINATION TRUCK & R/R SCALE WITH (2) 25'-0 END APPROACH	
DESCRIPTION	QUANTITIES
RAIL*	110'-0
RAIL PLATES SEE DETAIL	68
RAIL PLATE MOUNTING HARDWARE SEE DETAIL	136
RAIL CLIPS A & K #62	152
CONCRETE (CU.YDS.) FOUNDATION	34
CHANNEL: C7 X 9.8 (FEET)	200
REINFORCING STEEL TOTAL (lbs)	3427
CONCRETE (CU.YDS.) BETWEEN RAILS	13
GROUT** (SEE NOTE)	1224 18 LB/PL

* LENGTH INCLUDES 45° CUTS

** MINIMUM GROUT REQUIREMENT IS A NON-SHRINK, METALLIC GROUT WHICH DEVELOPS A MINIMUM COMPRESSIVE STRENGTH OF 8,500 PSI IN 28 DAYS (EXAMPLE: 5-STAR METALLIC GROUT OR EMBECO 636PLUS). IN HIGH TRAFFIC AND/OR CORROSIVE ENVIRONMENT APPLICATIONS, A NON-SHRINK EPOXY GROUT IS RECOMMENDED (EXAMPLE: 5-STAR HP EPOXY GROUT OR MINWAX POR ROK EPOXY GROUT). BE SURE TO FOLLOW GROUT MANUFACTURER'S APPLICATION INSTRUCTIONS.

REINFORCING STEEL SCHEDULE				
ASTM A615 GRADE 60 REINFORCING STEEL				
ITEM	QTY	SIZE	LENGTH	WGT
ST1	100	#6	9'-0	1352
ST2	40	#6	24'-9	1487
ST3	14	#4	24'-9	232
ST4	76	#4	1'-8	85
ST5	38	#4	3'-8	93
ST6	266	#4	1'-0	178

REV	CHANGE	BY	DATE
A	ADDED NOTE TO INCLUDE USE OF METALLIC GROUT	BTS	04/28/05

SCALE .04
DATE 3/5/97
DRN ALS APPD

METTLER TOLEDO

TITLE 7360 APPROACH FOUNDATION
115LB RAIL

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES, AND DIMENSIONAL TOLERANCES ARE:
FRACTIONAL ±1/32 DECIMAL .XX ±.02 .XXX ±.005 ANGULAR ±.5°

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