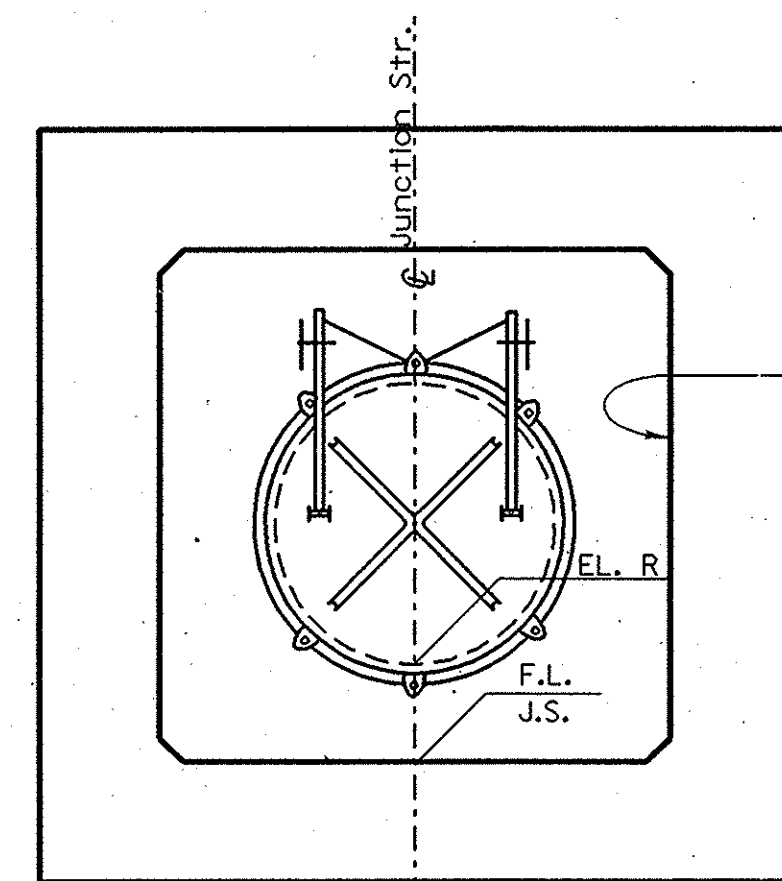
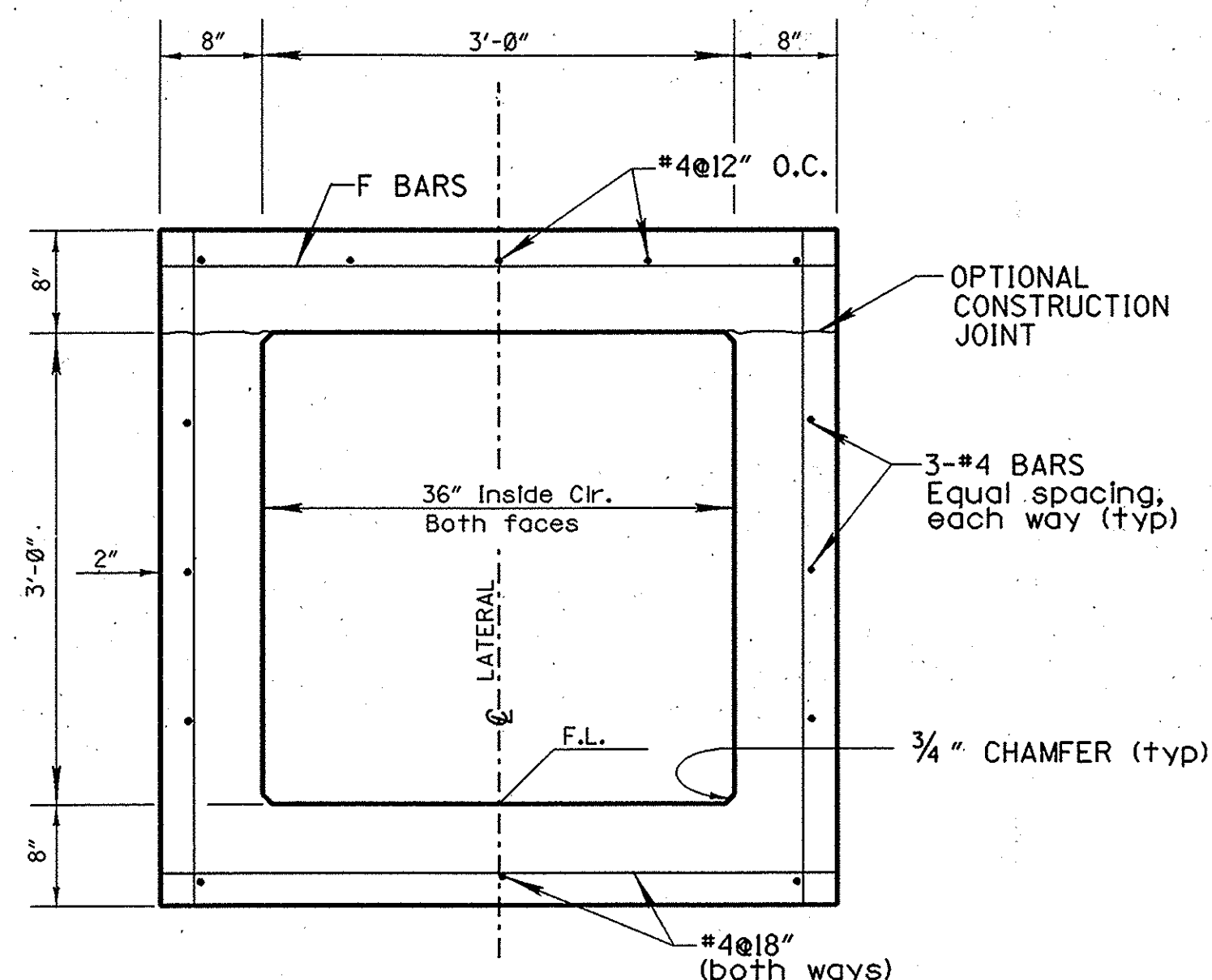




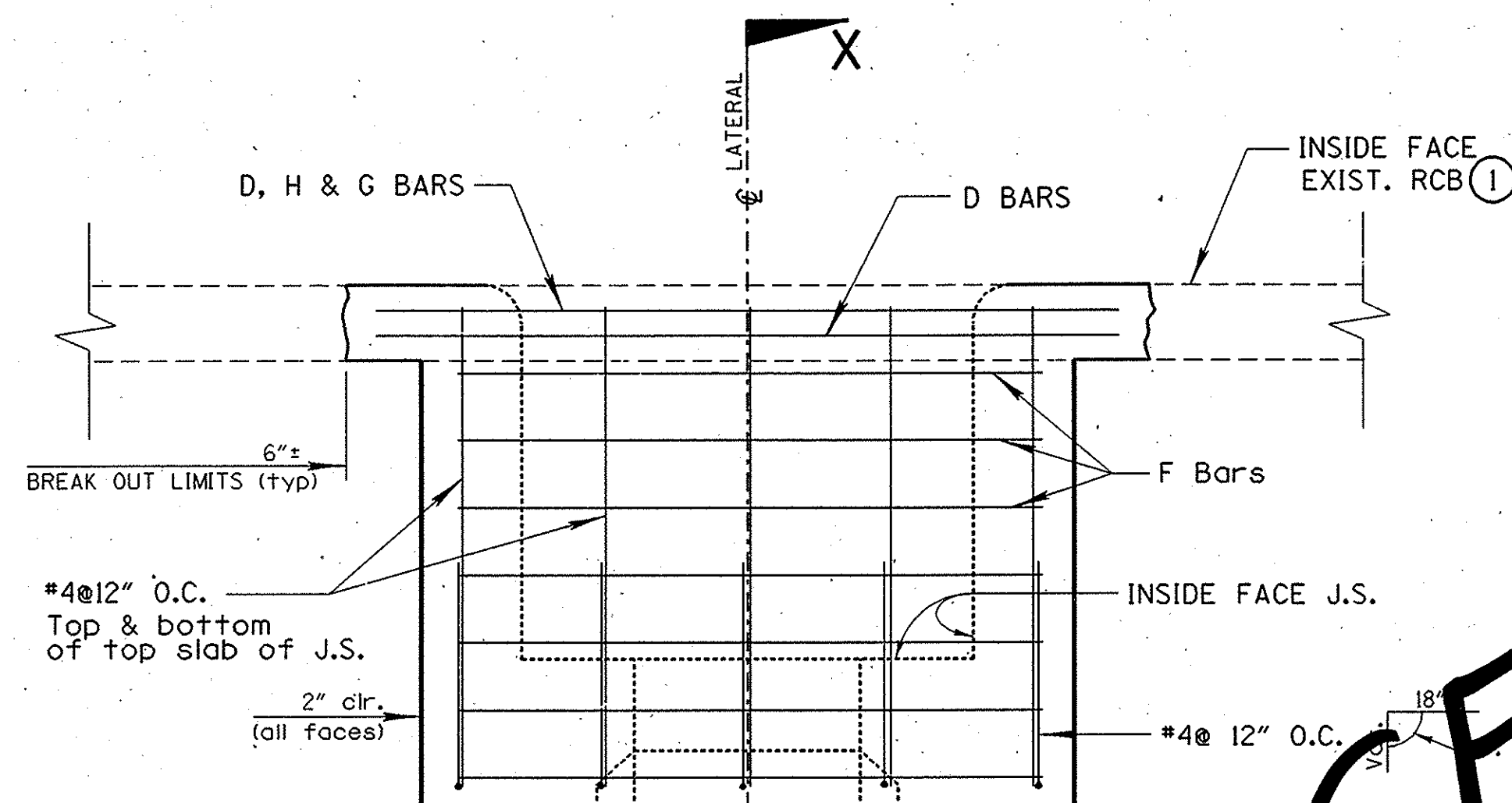
FRONT VIEW OF FLAPGATE
Not To Scale

NOTE:
NO REBAR SHOWN.



SECTION Y - Y
Scale: 1" = 1'

NOTE:
• FLAPGATE NOT SHOWN.
• W BARS NOT SHOWN.
• REFER TO EMA STD. PLAN NO. 1314 FOR REINFORCING STEEL



NOTE:
• FLAPGATE NOT SHOWN.
• W BARS NOT SHOWN.

CONSTRUCTION NOTES

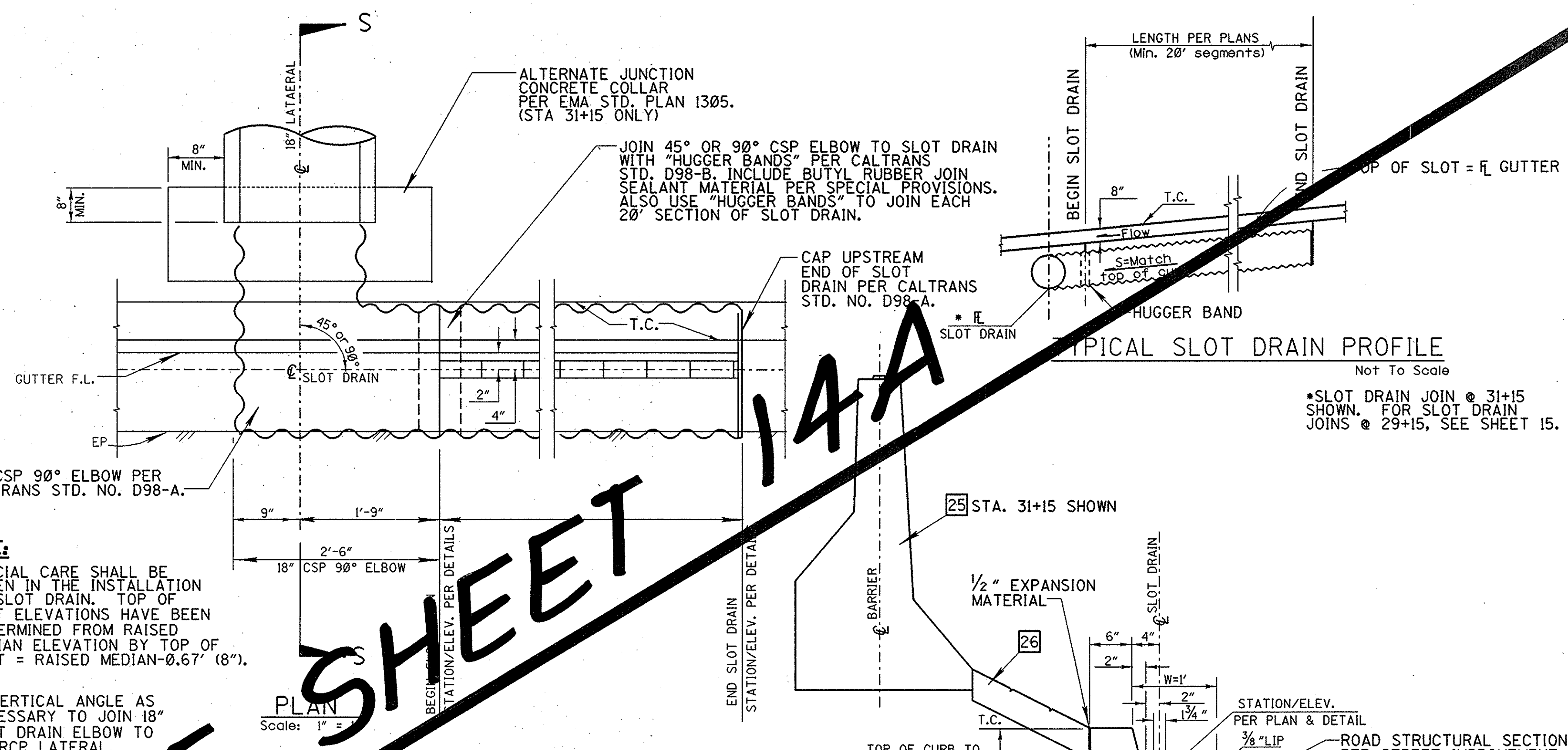
- 22 Furnish and Install Cast Iron Flange Automatic Flap Gate. Mount frame to collar with 5/8" nickel-copper alloy (monel metal). Bolts embedded 5" into collar.

LEGEND

- ① Protect in place

MODIFIED TYPE V JUNCTION STRUCTURE

Scale: As Shown

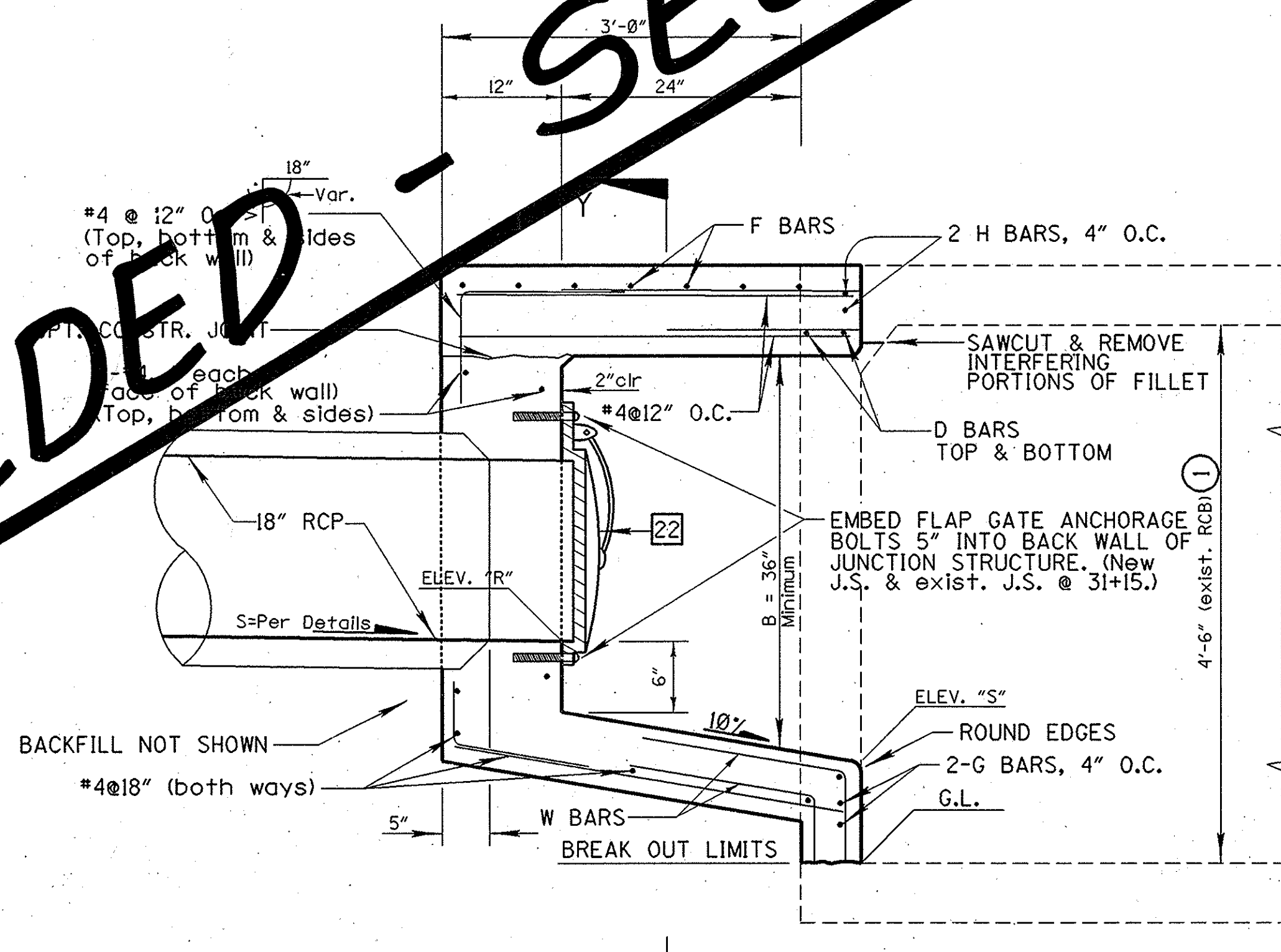


*SLOT DRAIN JOIN @ 31+15 SHOWN. FOR SLOT DRAIN JOINS @ 29+15, SEE SHEET 15.

NOTE:

- SPECIAL CARE SHALL BE TAKEN IN THE INSTALLATION OF SLOT DRAIN. TOP OF SLOT ELEVATIONS HAVE BEEN DETERMINED FROM RAISED MEDIAN ELEVATION BY TOP OF SLOT = RAISED MEDIAN-0.67' (8").
- Y=VERTICAL ANGLE AS NECESSARY TO JOIN 18" SLOT DRAIN ELBOW TO 18" RCP LATERAL.

PLAN
Scale: 1" = 1'



NOTE:

- WHERE PRACTICABLE, BEND EXIST. WALL STEEL INTO JUNCTION STRUCTURE MAINTAINING 2" CLEAR.

SECTION X-X
Scale: 1" = 1'

ALTERNATE JUNCTION CONCRETE COLLAR PER EMA STD 1305 (STA 31+15 ONLY)

CONSTRUCTION NOTES

- 25 Construct Type 50C concrete median barrier per Caltrans Std. Plan A75A and details sheet 2.
- 26 Construct median with pattern stamped concrete per details sheet 2.
- 34 Construct PCC curb and gutter, type A3-8, per APWA Std. Plan No. 104-0-0C.

SLOT DRAIN

Scale: As Shown

1/2 0 2
3 inches on original drawing

CAUTION: A 10" HIGH PRESSURE GAS LINE RUNS PARALLEL AND BENEATH HARBOR BLVD. CONTRACTOR TO USE EXTREME CARE WHEN WORKING IN VICINITY OF THIS UTILITY.

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY			
HARBOR BLVD. IMPROVEMENTS			
LOCAL DRAINAGE			
MODIFIED TYPE V J.S. AND SLOT DRAIN			
DESIGNED	ICR	CHECKED	RAH
DRAWN	SG	DATE	MAR '93
SCALE	AS SHOWN	DRAWING NO.	
TED RIGONI RCE 48526 (exp. 06-30-96)			SHEET 14 OF 60