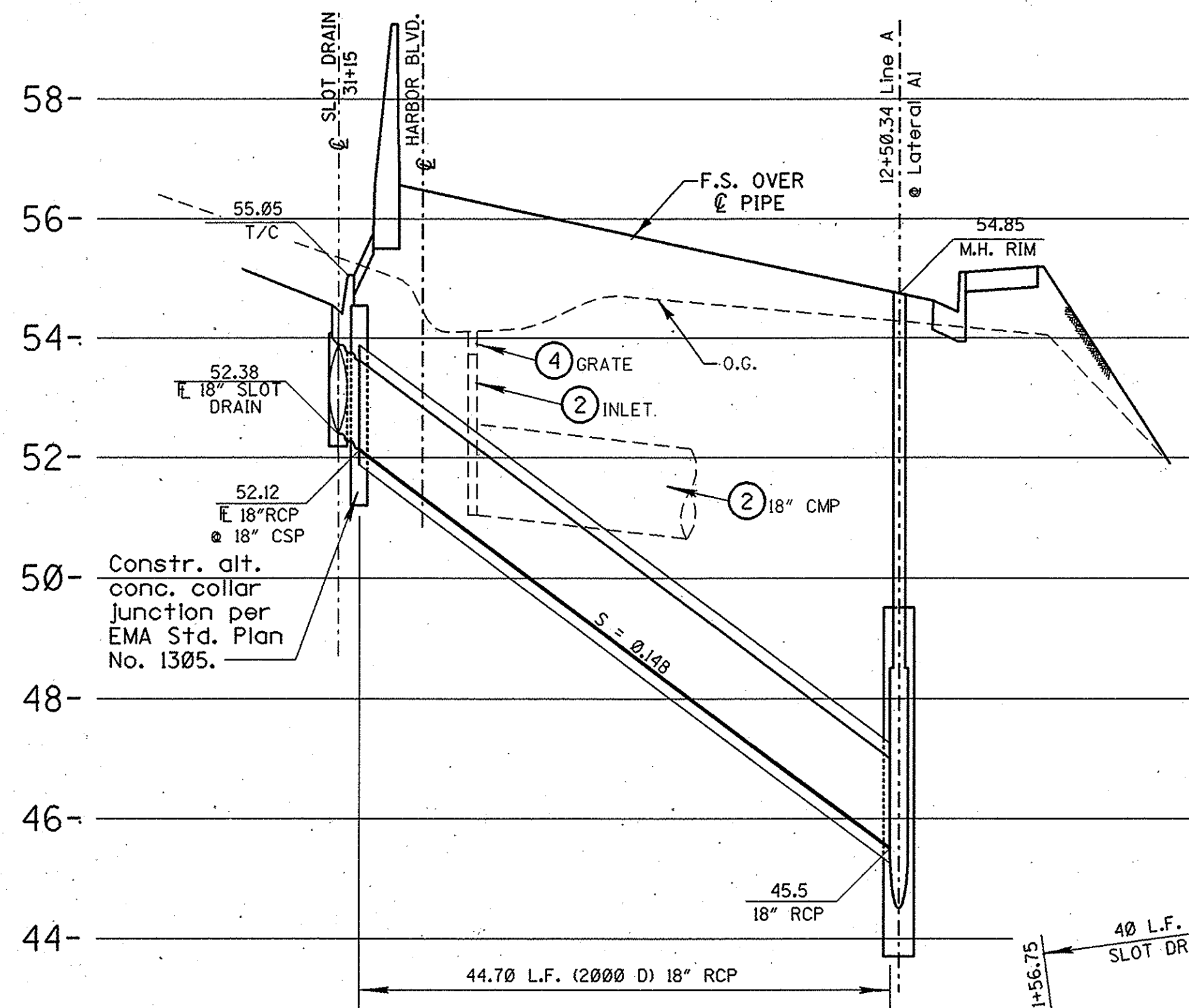
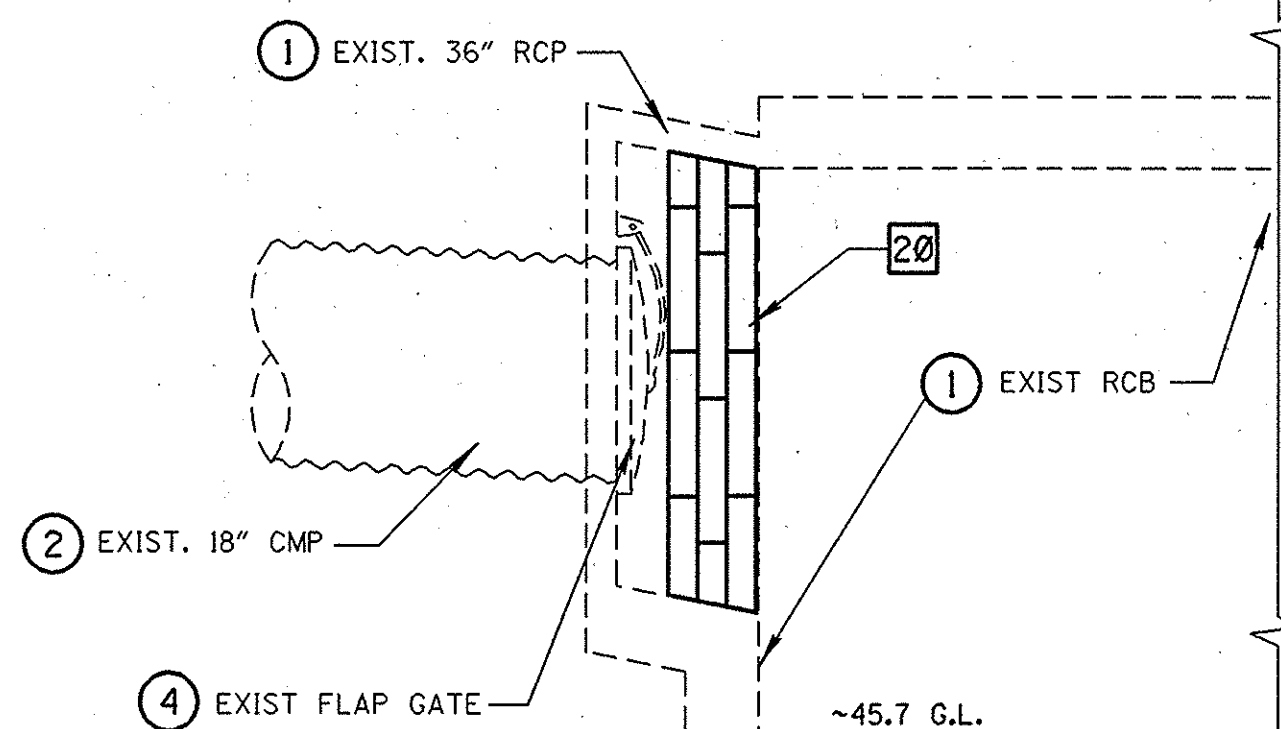




LATERAL "A-1"
SCALE: H- 1"=10'
V- 1"=2'



BRICK AND MORTAR PLUG RCB
LOOKING UPSTREAM Not To Scale

- LEGEND**
- ① Protect in place
 - ② To be removed
 - ③ To be relocated by others
 - ④ Remove and salvage
 - ⑤ Sawcut
 - ⑥ Join existing and feather to satisfaction of Engineer.
 - ⑦ Remove interfering portions.
 - ⑧ Match exist. edge of pavement.
 - ⑨ Join existing
 - ⑩ Adjust to grade
 - ⑪ Relocate

CONSTRUCTION NOTES

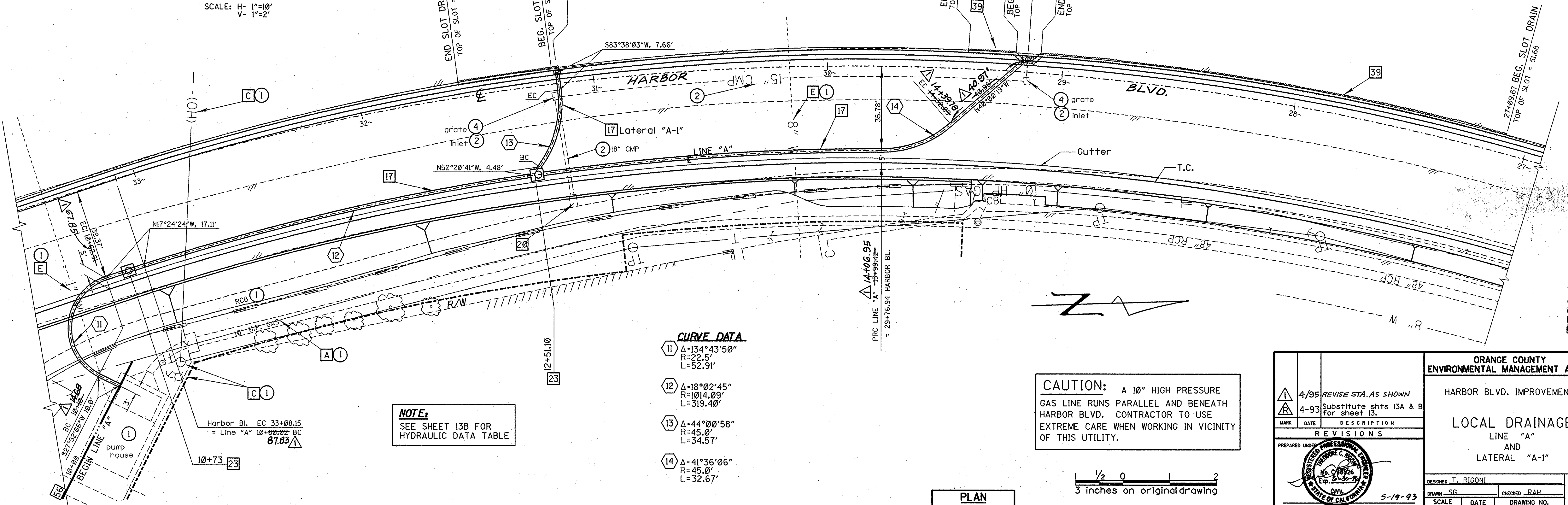
- 17 Furnish and install 18" RCP (2000 D) per EMA Std. Plan No. 1319 and details.
- 18 Constr. mod. inlet str. Type I per details sheet 15A
- 19 Construct Curb Inlet per EMA Std. Plan No. 1306, type "Detail A".
- 20 Brick and mortar plug existing 36" RCP inlet. Brick to be minimum of three courses thick.
- 22 Construct corner connection per APWA Std. Plan No. 308-0 and details.
- 23 Construct Junction Structure, Type I, per EMA Std. Plan No. 1310 and details. L=4'-0".
- 39 Furnish and install 18" slot drain per Caltrans Std. Plan No. D98-A & D98-B and details sheet 14A.
- 56 Construct modified Junction Structure, Type V, per EMA Std. Plan No. 1314 and details.

UTILITIES

- A 10" H.P. Gas
- B Overhead Lines & Poles
- C Overhead Lines & Poles
- D Overhead Lines & Poles
- E Water Line
- F Storm Drain & RCB

OWNER

- So. Calif. Gas Co.
- Western Union
- Edison Company
- Pacific Bell
- City of Fountain Valley
- OCFCD



CURVE DATA

- 11 Δ=134°43'50"
R=22.5'
L=52.91'
- 12 Δ=18°02'45"
R=1014.09'
L=319.40'
- 13 Δ=44°00'58"
R=45.0'
L=34.57'
- 14 Δ=41°36'06"
R=45.0'
L=32.67'

NOTE:
SEE SHEET 13B FOR
HYDRAULIC DATA TABLE

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.

1/2" = 20'
3 inches on original drawing

PLAN
1"= 20'

4/95 REVISE STA. AS SHOWN 4-93 Substitute shts 13A & B for sheet 13		ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY	
MARK DATE DESCRIPTION REVISIONS		HARBOR BLVD. IMPROVEMENTS LOCAL DRAINAGE LINE "A" AND LATERAL "A-1"	
PREPARED UNDER PROFESSIONAL ENGINEERING No. C 88926 Exp. 2-28-94 CIVIL STATE OF CALIFORNIA		DESIGNED T. RIGONI CHECKED RAH SCALE AS SHOWN DATE APR '93 DRAWING NO.	
TED RIGONI RCE 48526 (exp. 06-30-96)		SHEET 13A OF 60	