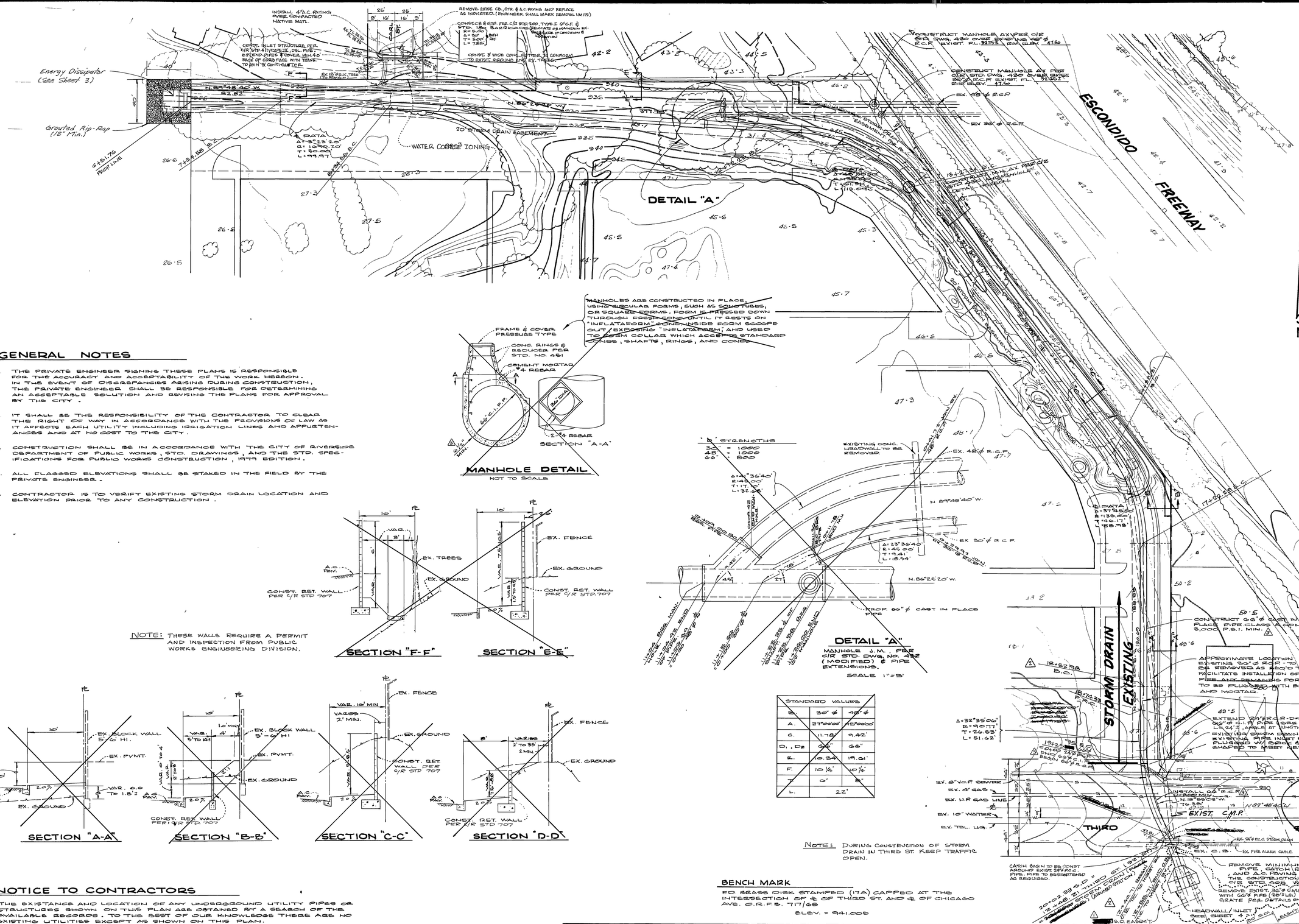
DETAIL "A"
ESCONDIDO FREEWAY
EXISTING STORM DRAIN
THIRD ST.
Energy Dissipator (See Sheet 3)
Grouted Rip-Rap (12" Min.)
WATER COURSE ZONING
20' STORM DRAIN EASEMENT
CONSTRUCT MANHOLE AX PER C/E STD. DWG. 420 OVER EXISTING 48" ø R.C.P.
CONSTRUCT MANHOLE AX PER C/E STD. DWG. 420 OVER EXIST. 30" ø R.C.P.
EX. 48" ø R.C.P.
EX 30" ø R.C.P.
EX. 8" V.C.P. SEWER
EX. 4" GAS
EX. H.P. GAS LINE
EX. 10" WATER
EX. TEL. LIG.
EX. C. P.
EX. FIRE ALARM CABLE
EX. 18" R.C.C. STORM DRAIN
EX. 24" R.C.P.
EX. 36" R.C.P.
EX. 30" ø R.C.P.
EX. 48" R.C.P.
EX. 42" R.C.P.
EX. 54" R.C.P.
EX. 60" R.C.P.
EX. 66" R.C.P.
EX. 72" R.C.P.
EX. 78" R.C.P.
EX. 84" R.C.P.
EX. 96" R.C.P.
EX. 102" R.C.P.
EX. 108" R.C.P.
EX. 114" R.C.P.
EX. 120" R.C.P.
EX. 126" R.C.P.
EX. 132" R.C.P.
EX. 138" R.C.P.
EX. 144" R.C.P.
EX. 150" R.C.P.
EX. 156" R.C.P.
EX. 162" R.C.P.
EX. 168" R.C.P.
EX.

LIMITS OF THIS PROJECT

NOTE:
HORIZ. & VERT. LOCATIONS OF EXISTING UNDERGROUND ARE APPROXIMATE PER AVAILABLE RECORDS. CONTRACTOR IS TO REQUEST AGENCY ASSISTANCE PRIOR TO CONST.

EX. GROUND @ ℄ OF PIPE

PROP. SURFACE @ ℄ OF PIPE

W.S. 947.5
Q_{100} = 300 CFS

EXIST. 54" ℄

MATCH LINE

L=115.05'

L=99.97'

L=88.98'

L=88.98'

$2D_n$=3.91'
V=12.6 FPS
H_T=2.48 FT.

FL. OF 66"ϕ C.I.P.P. CLASS A CONC. 3000 P.S.I.

S=0.010903

HGL - Q_{100} = 300 cfs

Sf = 0.0080

REMAINDER TO BE CAST IN PLACE CONCRETE PIPE

76.38' OF 60"ϕ R.C.P. D-800 MIN.

See Sheet 3 For Energy Dissipator Details

PROFILE "A"

BENCH MARK:

FD. BRASS DISK STAMPED (T7A) CAPPED AT THE INTERSECTION OF ℄ OF THIRD ST. AND ℄ OF CHICAGO AVENUE. 6 FT. S. OF ℄ OF THIRD ST. ELEV. 941.005

PACIFIC TELEPHONE APPROVED BY 5/29/81 DATE	SOUTHERN CALIFORNIA GAS COMPANY APPROVED BY 6/1/81 DATE	CITY OF RIVERSIDE DOMESTIC SYSTEMS WATER SYSTEMS MANAGER 6/2/81 DATE

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
APPROVED BY [illegible] DATE 6/12/80
R.E. No. 9876
W.079-205 FOR: SO. CAL. INVEST & DEV. CO. F.B. 104

MARK	REVISIONS	APPR.	DATE
2	DEV. C.I.P.P. TO R.C.P.; 19+25 TO 20+02	[illegible]	[illegible]
1	REVISED ALIGNMENT OF 66"ϕ PIPE	[illegible]	[illegible]

DESIGNED BY DRB DRAWN BY JMB/[illegible] CHECKED BY [illegible]

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

	BY	DATE
APPROVED BY PRINCIPAL ENGINEER	[illegible]	11/19/81
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF PUB. WKS. ENGR.		

APPROVED BY [illegible]
DIRECTOR OF PUBLIC WORKS
DATE Nov. 19, 1981

THIRD STREET STORM DRAIN PARTICIPATION W/ R-8-790

WESTERLY OF ESCONDIDO FREEWAY

SCALE: 1" = 40' HORIZ. ; 1" = 4' VERT.

INDEXED BLD
ACCOUNT No. 09-573-464
DRAWING NUMBER D-401 A
SHEET 2 OF 3
79-205-D

ADAPTED FROM PLAN D-401