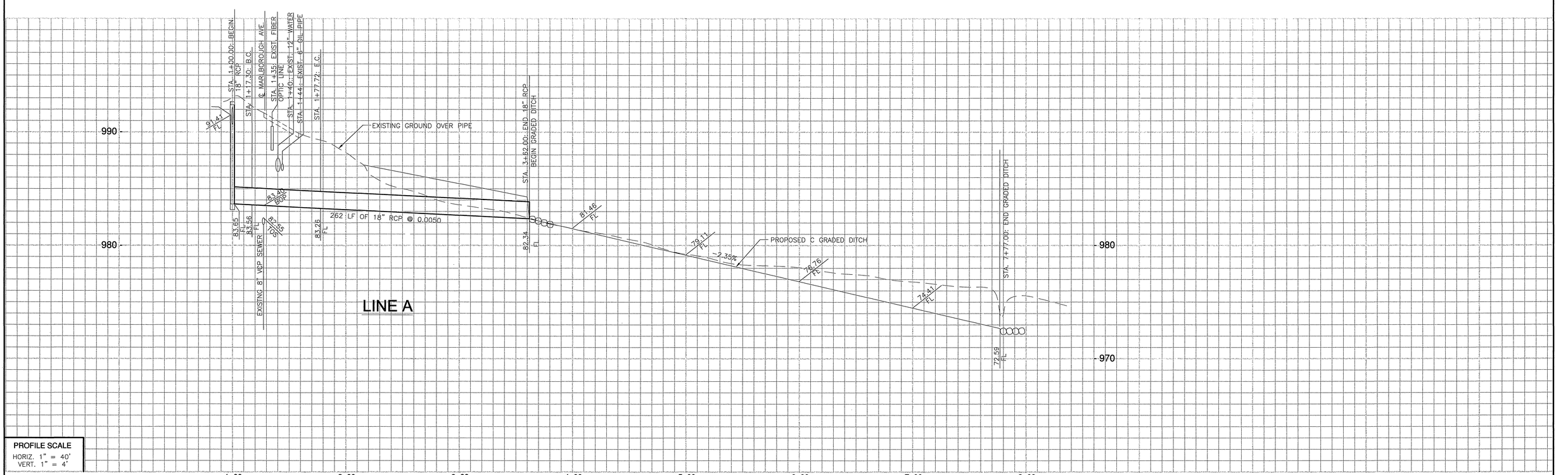
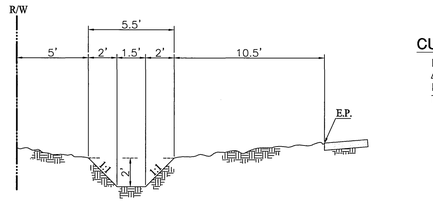


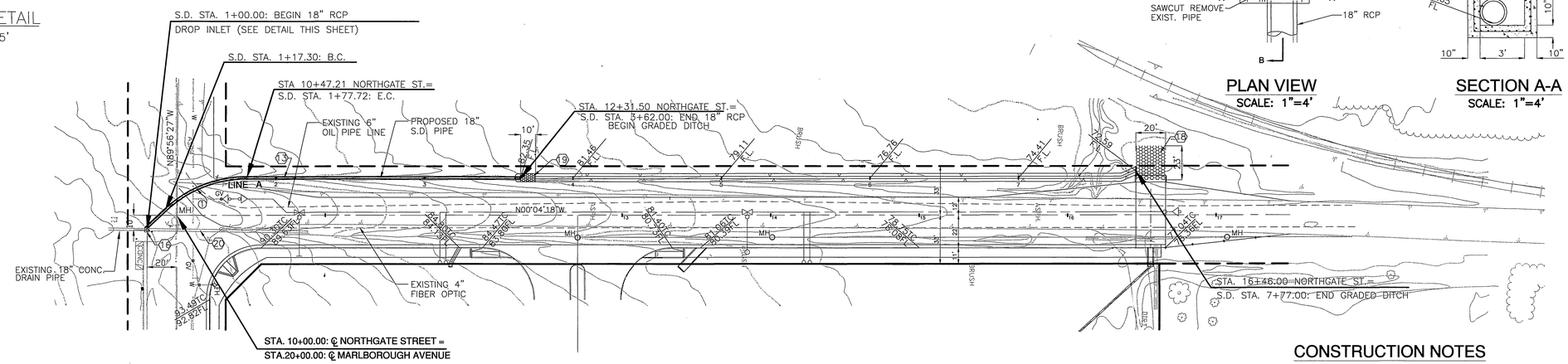
PROFILE SCALE
HORIZ. 1" = 40'
VERT. 1" = 4'

LINE A



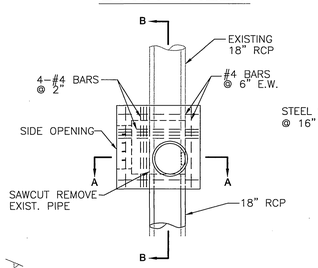
DITCH DETAIL
SCALE 1"=5'

CURVE DATA (1)
L= 60.42'
Δ= 43°16'30"
R= 80.00'
T= 31.73'

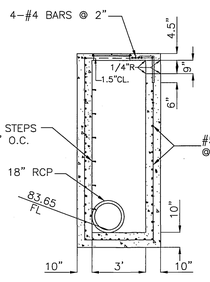


NORTHGATE STREET
SCALE: 1" = 40'
0 20 40 80 120 160

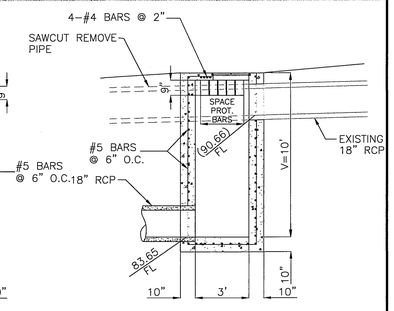
DROP INLET



PLAN VIEW
SCALE: 1"=4'



SECTION A-A
SCALE: 1"=4'



SECTION B-B
SCALE: 1"=4'

CONSTRUCTION NOTES
(13) CONSTRUCT 18" RCP STORM DRAIN PIPE
(16) CONSTRUCT DROP INLET PER DETAIL (THIS SHEET)
(18) INSTALL 20'x23' ¼ TON GROUTED RIP-RAP
(19) INSTALL 6'x10' ¼ TON GROUTED RIP-RAP
(20) REMOVE EXISTING DRAIN PIPE

PRIOR TO CONSTRUCTION
CONTACT KINDER MORGAN
@ (909) 873-5152
ATTN: MR. R.A. BUCHOZ

DIGALERT
DIAL BEFORE YOU DIG
TWO WORKING DAYS BEFORE YOU DIG
TOLL FREE 1-800-227-2600
A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

BENCH MARK:

LEAD AND TACK IN THE TOP OF NORTHWEST CORNER OF A CATCH BASIN ON THE SOUTHWEST CORNER OF PALMYRITA AVENUE AND NORTHGATE STREET – SOUTHERLY.

ELEV. 981.648

CITY OF RIVERSIDE
DOMESTIC WATER SYSTEM
APPROVED BY:
11/20/01
DATE

REGISTERED PROFESSIONAL ENGINEER
ALLEN W. MARTIN
No. C 38463
EXP. 3-31-05
CIVIL
STATE OF CALIFORNIA

Southland Engineering
2200 BUSINESS WAY, Ste. 100
RIVERSIDE, CA. 92501
(909) 788-8488

PREPARED UNDER THE SUPERVISION OF
ALLEN W. MARTIN
R.C.E. 38463 EXP. 3-31-05

MARK	REVISIONS	APPR.	DATE

DESIGNED BY JH DRAWN BY AR CHECKED BY AWM

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
DEPUTY P.W. DIRECTOR		
STREET SERVICES	12/14/01	

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 12/14/01

12-26-01 STREET IMPROVEMENTS PLAN & PROFILE

MP-004-990
STORM DRAIN
NORTHGATE STREET

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

ACCOUNT NO.
D- 690
SHEET 1 OF 1
20122

INDEXED 12-26-01 GH

20122 (sht 1 storm drain plan revise) 10-25-01 ar