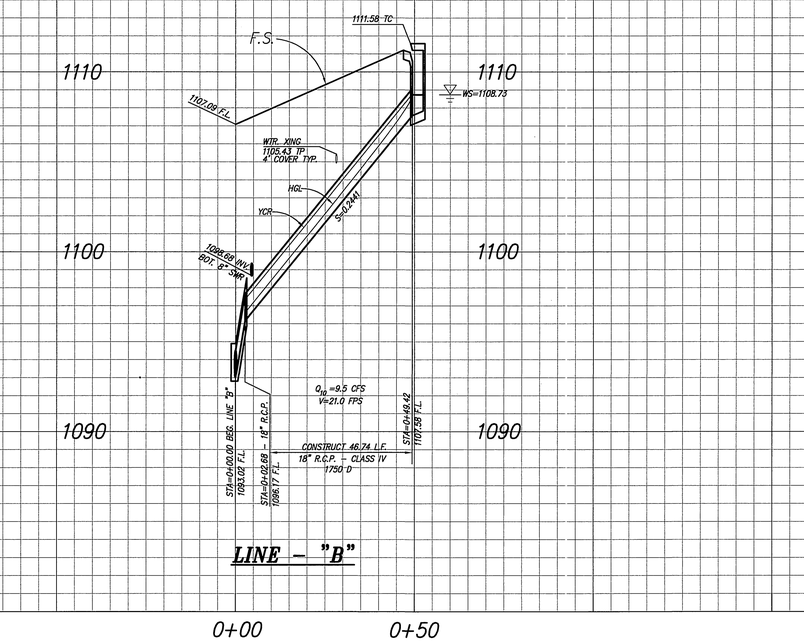
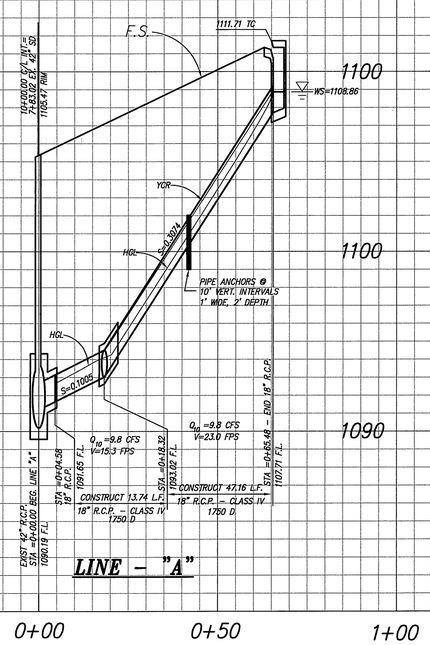
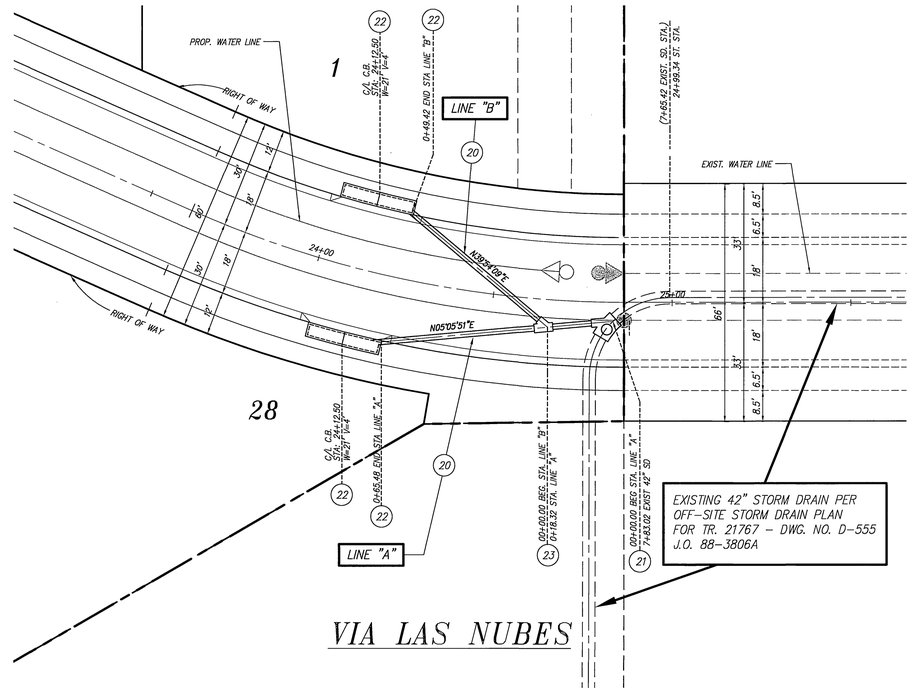


LINE - "B"



LINE - "A"

PROFILE SCALE
HORZ: 1" = 20'
VERT: 1" = 4'



0 20 40 60 80

CONSTRUCTION NOTES:

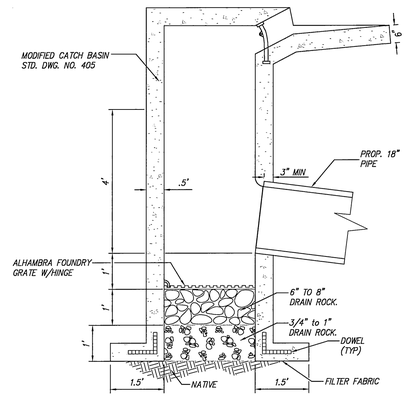
(20) CONSTRUCT 18" R.C.P. STORM DRAIN PIPE

(21) CONSTRUCT STORM DRAIN MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 432 C=3.25', E=2.75', L=3.2' AND T=0.38'

(22) CONST. CATCH BASIN PER CITY OF RIVERSIDE STANDARD DRAWING NO. 405. W=21', V=4'

(23) CONSTRUCT JUNCTION STRUCTURE "B" PER CITY OF RIVERSIDE STD DRAWING NO. 421 B=18", C'=6.02', D^1=42", E'=5.62', F=0.625', L'=6.62' AND T^2=0.375'.

(24) INSTALL PIPE ANCHOR PER A.P.W.A. STANDARD DRAWING NO. 221-1



BOTTOMLESS CATCH BASIN
NOT TO SCALE

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

PRIVATE ENGINEERING NOTE

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

BENCHMARK:
CITY OF RIVERSIDE
G8-DE

P.K. NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHTPOLE IN THE MEDIAN OF COUNTRY CLUB DRIVE 33 FEET WESTERLY OF VIA SOTELO 1996: READJUSTED PART OF THE CENTRAL AVENUE TRUNK SEWER LEVELS.

ELEV. - 1099.701

ELECTRIC
city of Riverside
APPROVED BY
ELECTRIC ENGINEERING

WATER
MW MCLeod 5/10/05
APPROVED BY
WATER ENGINEERING

REGISTERED PROFESSIONAL ENGINEER FREDDY IRIANTO No. 60874 Exp.12/31/06 CIVIL STATE OF CALIFORNIA

CITY BUSINESS CERTIFICATE NO. 106198, EXP. 1/1/2006
IW Consulting Engineers, Inc.
• Civil Engineering
• Surveying
• Land Planning
3544 University Avenue Riverside, CA 92501
Tel: 951.687.2929 Fax: 951.687.2999

PREPARED BY: [signature] R.C.E. NO. 60874 DATE: 4/18/05

MARK	REVISIONS	APPR.	DATE
1	REVISED SHEET NO.'S - REMOVED THIS PLAN FROM R-3853 SH.4	RVZ	5/26/05

DESIGNED BY_____ DRAWN BY_____ CHECKED BY_____

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	DH	5/5/05
STREET SERVICES	[illegible]	5/13/05
TRAFFIC DIVISION	[illegible]	5/5/05
PARKS DEPARTMENT		

APPROVED BY [signature] CITY ENGINEER
DATE 5/5/05

CITY OF RIVERSIDE
STORM DRAIN PLANS
TRACT NO. 31945

HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

PW 04-1006
D-778
1 1
SHEET 4 OF 4

RVZ
INDEXED 5-25-05 LH

Drawing: C:\259.001\Final\Street\259001MP-04.dwg Layout: 24x36 L Last Saved: Mon Apr 18, 2005 - 8:30am Last Plotted: Mon Apr 18, 2005 - 8:55am