

CONTRACTOR'S NOTE:
CONTRACTOR TO MAINTAIN MINIMUM 3'
COVER OVER TOP OF WATER MAIN.

CONTRACTOR'S NOTE:
EXISTING UTILITY CROSSINGS ARE NOT
REPRESENTATIVE OF ACTUAL LENGTH
OF CONFLICT AREA (SEE PLAN VIEW).

CONTRACTOR'S NOTE:
P AIR VALVE TO BE INSTALLED AT THE
HIGHEST POINT OF THE WATER MAIN.
CONTRACTOR TO DETERMINE AND
RESIDENT ENGINEER TO VERIFY THE
EXACT LOCATION OF THE AIR VALVE
BEFORE INSTALLATION.

CONTRACTOR'S NOTE:
CONTRACTOR SHALL MAINTAIN A MINIMUM
1' (0') VERTICAL SEPARATION (FROM
OUTSIDE PIPE WALL TO OUTSIDE PIPE WALL)
BETWEEN WATER AND OTHER UTILITIES.

SCALE
1"=40' HORIZ.
1"=8' VERT.

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

CAUTION!!!
LOW OVERHEAD POWER LINES
IN ENTIRE PROJECT AREA.

NOTE: UPAS ST. SHALL BE HIGHLINED BY
CITY FORCES PRIOR TO THE BEGINNING OF
CONSTRUCTION. CITY FORCES TO PROVIDE
THE CONSTRUCTION MATERIALS. CITY WILL
TRANSFER SERVICES.

CONTRACTOR'S NOTE:
CONTRACTOR SHALL MAINTAIN
A MINIMUM 4 FEET HORIZONTAL
SEPARATION (FROM OUTSIDE
PIPE WALL TO OUTSIDE PIPE WALL)
BETWEEN SEWER AND WATER.

NOTE: UNION ST. SHALL BE HIGHLINED BY
CITY FORCES PRIOR TO THE BEGINNING OF
CONSTRUCTION. CITY FORCES TO PROVIDE
THE CONSTRUCTION MATERIALS.

PROPOSED 12" WTR LN INCLUDED
IN THIS CONTRACT. SEE SHEET 3I

COORDINATE TABLE			
NO.	NORTHING	EASTING	DESCRIPTION
3370	185040.25	627733.29	8" 90° ELBOW
3371	185045.41	627740.53	12" TEE
3372	1850438.14	6277170.83	6" FH ASSEMBLY
3373	1850572.65	6277356.96	P AIR VALVE
3374	1850577.74	6277364.05	12" TEE

HIGHLINING PHASE III

REFERENCE:
BENCH MARK: SWBP REDWOOD ST AND COLUMBIA ST.
EL. +147.24 MSL NGVD29 (FEET)
FIELD NOTES: HACKNEY/MCCORMACK, 206-1103, H-12-97/
9-1-2000 MODS/TH (W. BOT 406) (S) 6 THRU 77.
WATER: 8523-D, 2564-I-L, 5588-W, 5929-L
SEWER: 2564-L, 2566-L, 2567-L, 3793-L.
STORM DRAIN
GAS:
ELECTRIC:
CABLE TV:
TELEPHONE:
IMPROVEMENTS: 2564-L
WATER FIELD BOOK: F195
SEWER FIELD BOOK: F195
100' SCALE: F205 A
THOMAS BROS.: J 1268

RETIREMENTS:

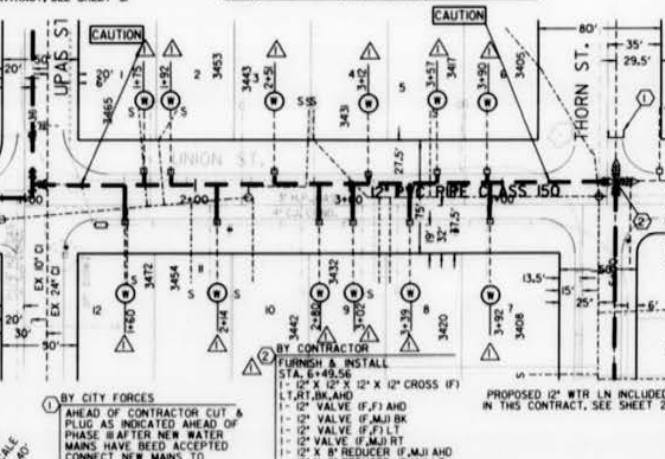
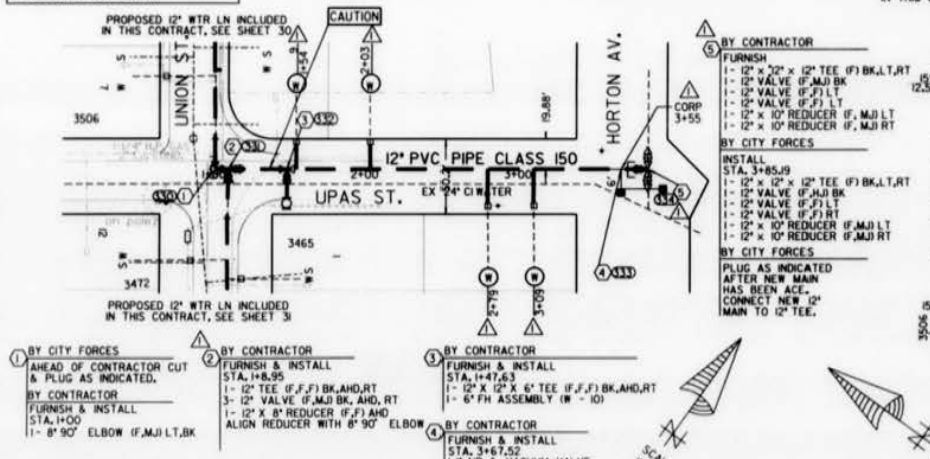
LENGTH	SIZE	TYPE	YEAR INSTALLED
284.93'	10"	CIPPE	1963
380'	6"	CIPPE	1963

SEWER and WATER GROUP 673 UPAS STREET UNION STREET

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING AND CAPITAL PROJECTS DEPARTMENT
SHEET 3I OF 50 SHEETS

REVISION	DATE	APPROVED	DATE	FILED
ORIGINAL			03-05-01	
			04-04-01	

CONTRACTOR TOTAL OBLIGATION DATE COMPLETED: 02-22-03
28898-31-D



HIGHLINING PHASE III

AS-BUILT

FIGURE FROM THE ORIGINAL, BEST QUALITY
OBTAINABLE. EXCESSIVE SHARP ENLARGING
MAY CAUSE A POOR QUALITY REPRODUCTION.

