

NOTE:
3' MINIMUM COVER
TO TOP OF PIPE

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

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

PROPOSED PIPE DATA TABLE				
NO.	Δ/BEARING	RADIUS	LENGTH	REMARKS
11	N36° 01' 24" W		28.52'	10' PIPE
12	N36° 01' 24" W		20.00'	10' PIPE
13	N36° 01' 24" W		19.01'	10' PIPE
14	N00° 10' 24" E		18.92'	10' PIPE
15	N00° 10' 24" E		343.20'	10' PIPE
16	N0° 36' 16" E		364.45'	10' PIPE

COORDINATE TABLE			
NO.	NORTHING	EASTING	DESCRIPTION
160	N210097.84	E1715955.00	24"X24"X10' TEE
161	N210121.53	E1715939.85	10"X10"X10' TEE
162	N210137.71	E1715928.10	2" BLOW-OFF
163	N210233.96	E1715858.10	10" 22.5" ELBOW
164	N210252.88	E1715858.15	10"X10"X6' TEE
165	N210598.97	E1715859.35	10"X8"X10' TEE

NOTE:
INTERSECTION OF UPAS ST. & HORTON AV. TO KITE ST.
SHALL BE HIGHLINED PRIOR TO START OF
CONSTRUCTION. CITY TO PROVIDE ALL MATERIALS
AND CITY FORCES TO MAKE ALL CONNECTIONS.
BEGIN CONSTRUCTION OF PHASE I BEFORE PHASE II.

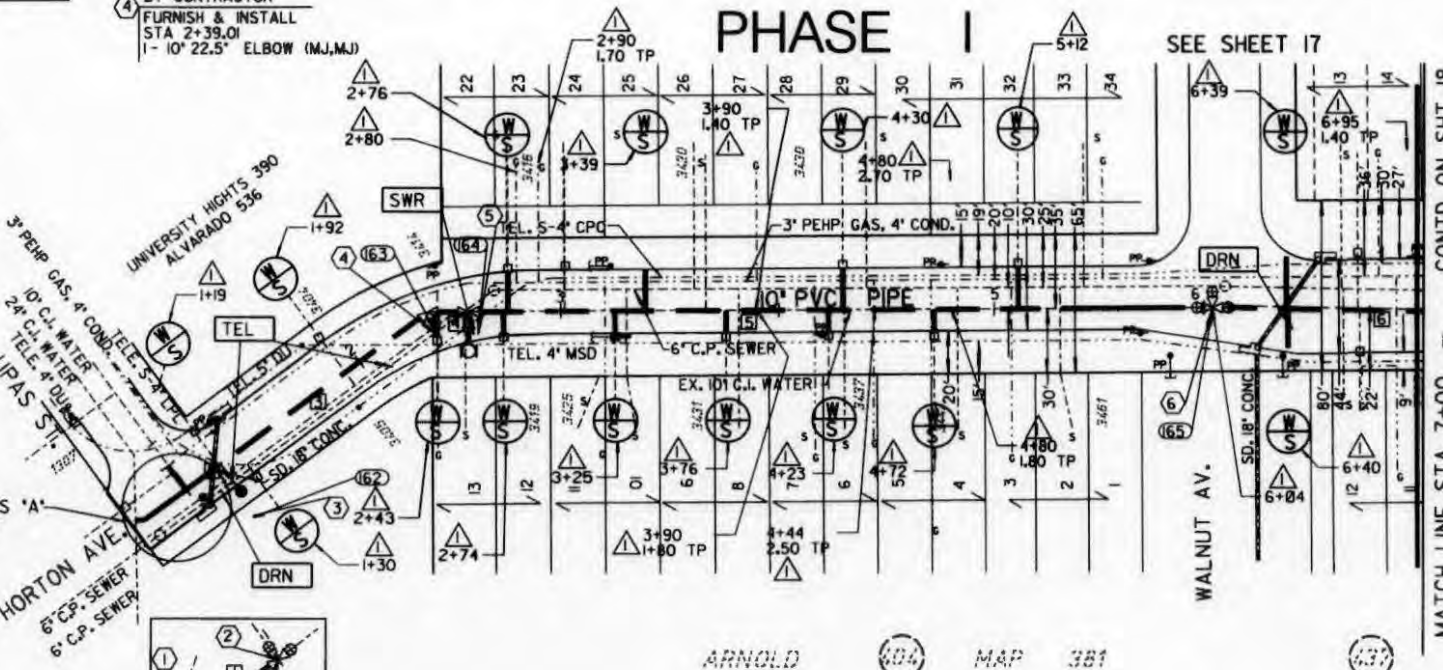
BY CONTRACTOR
AHEAD OF INSTALLATION
OF NEW WATER MAIN
STA. 0+71.48
FURNISH
1 - 24"X24"X10' TEE (F,F,F)
2 - 24" BUTTERFLY VALVE, (CLASS 250B) (F,F)
1 - 10" VALVE (F,M,J) AHD
1 - 10" 22.5" ELBOW (F,F)
1 - 10" 11.25" ELBOW (F,F)
2 - 24" COUPLINGS
2 - 10" COUPLINGS
2 - 24" FLANGE BY PLAN INSPool

BY CITY FORCES
STA. 0+71.48
INSTALL
1 - 24"X24"X10' TEE (F,F,F) LT,RT,AHD
2 - 24" BUTTERFLY VALVE, (CLASS 250B) (F,F) LT,RT
1 - 10" VALVE (F,M,J) AHD
1 - 10" 22.5" ELBOW (F,F)
1 - 10" 11.25" ELBOW (F,F)
2 - 24" COUPLINGS
2 - 10" COUPLING
2 - 24" FLANGE BY PLAN INSPool
CLOSE 10" VALVE AHD

BY CONTRACTOR
AHEAD OF CONTRACTOR
STA 1+00, 10' TO LT
CUT & PLUG EX. 10" C.J.
BY CONTRACTOR
FURNISH & INSTALL
STA 1+00
1 - 10"X10"X10' TEE (M,J,F,F) BK,LT,AHD
2 - 10" VALVE (F,M,J) LT,AHD
BY CITY FORCES
AFTER ACCEPTANCE OF
NEW MAIN IN PHASE I, MAKE CONNECTION,
CLOSE 10" VALVE LT

BY CONTRACTOR
FURNISH & INSTALL
STA 2+39.01
1 - 10" 22.5" ELBOW (M,J,M)

BY CONTRACTOR
FURNISH & INSTALL
STA 1+20
1 - 2" BLOW-OFF ASSEMBLY - TYPE A



CAUTION!!!
LOW OVERHEAD POWER
LINES IN THIS AREA

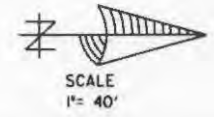
BY CONTRACTOR
FURNISH & INSTALL
STA. 2+57.93
1 - 10"X10"X6' TEE (M,J,M,F) BK,AHD,RT
1 - 6" FH ASSEMBLY RT (W-10)

BY CONTRACTOR
FURNISH & INSTALL
STA 6+04
1 - 10"X8"X10' TEE (F,F,F) BK,AHD,LT
2 - 10" VALVE (F,M,J) BK AHD
1 - 8" VALVE (F,M,J) LT

REFERENCE:
BENCH MARK: NWBP KITE & PUTERBAUGH MSL NGVD29
EL = 266.63
FIELD NOTES: BROOKS, 9/04/97, W.OJ7471
WATER: 2574-L
SEWER: 208-D
STORM DRAIN: 2572-L
GAS: 2-173,179
ELECTRIC: 210-1713
CABLE TV: ---
TELEPHONE: ---
IMPROVEMENTS: 1045-L
WATER FIELD BOOK: F195
SEWER FIELD BOOK: F195
100' SCALE: 210-1713
THOMAS BROS.: 1268
RETIREMENTS:
600" 10" C.J. WATER (1964 YEAR INSTALLED)

PHASE I

SEWER and WATER GROUP JOB 674			
HORTON AVENUE / KITE STREET			
STA 0+71.48 TO STA 7+00			
CITY OF SAN DIEGO, CALIFORNIA		WATER NO. 183801	
ENGINEERING AND CAPITAL PROJECTS DEPARTMENT		SEWER NO. 174071	
SHEET 16 OF 24 SHEETS			
DATE: 4-7-99		PROJECT NUMBER: 28899-16-D	
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	JVM/RC	[Signature]	12-18-98
AS-BUILT FOR CITY DEPARTMENT	RS/VP	[Signature]	12-18-98
CONTRACTOR: [Signature]		DATE STARTED: 1-98	DATE COMPLETED: 6-98
INSPECTOR: [Signature]		LABORER COORDINATOR: 208-1713	



FILED FROM THE ORIGINAL. BEST QUALITY
OBTAINABLE. EXCESSIVE GRAY BACKGROUND
MAY CAUSE A POOR QUALITY REPRODUCTION.

HORTON AV/KITE ST. STA. 0+71.48 TO 7+00

AS-BUILT