WALNUT ST. | KETTNER | VINE ST. | BLVD. | UPAS ST.

50 / 45 / 40

EX GRADE OF PVMT

6" AC EL UNKN

8" RCP IE 42.9±

INVERT OF 8" PVC PIPE, 43'±RT

PROVIDE 6" MIN SAND CUSHION

IE 41.50

IE 42.00

STA 30+35±, 43' RT END CONTR.
STA 30+35±, 34' RT END WORK.

STA 28+70±, 43' RT BEGIN WORK & CONTRACT

IE 42.00

16" RCP IE 42.72

24" RCP IE 42.72

24" CI WATER IE 40.40±

IE 41.40±

IE 40.40±

IE 41.40

INVERT OF 12" PVC PIPE, 43'±RT

STA 22+52.2±, 43' RT END WORK.
STA 22+42±, 43'±RT END CONTR.

MATCH LINE STA. 20+00

STA. 20+00.45' RT.

31 30 29 28 27 26 25 24 23 22 21 20

REFERENCES:
THOMAS BROS. MAP P60 B4
100' SCALE MAP: 208-1713
GATE BOOK: F-20
SDG & E
GAS: 2/121,170 4/1
ELEC: 60934-01, 48000-01
PACIFIC TEL: 184033
IMPROVEMENTS:
SEWER: 11518-3-D, 15063-2-D
WATER: 5930-L, 10881-4-D, 6499-W
DRAINAGE: 11518-4-D
STREET & TRAFFIC: 500.1-8-T, SHT. 1, 5-24-56
RETIREMENT:
600' 12" C.I.
FIELD NOTES
O'NEIL, 206-1713, 2-5-87, WO. 170211, 4 SHTS.

BENCH MARKS
S.E.B.P. LAUREL ST. & INDIA ST., EL. 61.072 MSL
N.W.B.P. LAUREL ST. & PACIFIC HWY. EL. 13.776 MSL
N.E.B.P. PACIFIC HWY. & WASHINGTON ST., EL. 27.848 MSL
CITY BENCH BOOK EL. 27.917 MSL

NOTE:
SEWER LATERALS PLUGGED DURING STATE HIGHWAY CONSTRUCTION SEE DWG 11518-3D

INTERSTATE 5

CITY HI-LINE EXISTING 8" F.S. DURING CONSTRUCTION

ABAND'D RAILROAD LINES (TRACKS REMOVED PER DRAWING 500.1-8-T SHT 1, 5-24-56)

PLUG

18" RCP

8" PVC PIPE ASPH

ABAND'D 8" CP SEWER

ABANDON EX 12" CI WATER

18" RCP DRAIN

ABAND'D 8" CP SEWER

ABAND'D 12" CI WATER

24" RCP DRAIN

CLOSED 10" GV

16" X 12" RED

22 1/2° BEND (BOTH ENDS)

12" PVC PIPE

ABANDON EX 12" CI WATER

WATER VAULT

SURVEY LINE

ELEC COND

EX 6" GV

KETTNER

EX ELEC COND

EX 6" HPG

SL EX 12" HPG

18" RCP

SDG&E VAULT

ELEC COND

12" GV

2-PTS 66 TEL

SDG&E VAULT

BLVD

STA 20+00 CONTD FROM SHT. 9

EX 8" VC SWR

EX 6" AC WATER

24" RCP

EX 1 1/2" HPG

E 1,714.00

8" CI F.S.

6" PC

15" RCP DRAIN

TEL VAULT

SDG&E VAULT

TEL RISER

4" PC

6" PC

2-BU CA TEL

TEL RISER

STREET

24" RCP DRAIN

3464-66

TEL RISER

3462-54

TEL VAULT

SDG&E VAULT

3590 | 3574-80 | 3564-66 | 3554 | 3526 | 3440 | 3420

12 11 10 9 8 7 12 11 10 9 8 7 6 5 4 3 2 1

27' 80' 20' 80' 60' CLOSED 20'

8' 17' 45'

WALNUT ST

VINE ST

CALIFORNIA ST

UPAS ST

EX 4" HPG

2-BU-CA TEL

ELEC COND

EX 24" CI WATER

156 145 143

MIDDLETOWN

CITY FORCES INSTALLED
4-6" COLLARS (A.C.)
1-6" GATE VALVE
3'-3" PVC (C-900)
16'-6' PVC (C-900)
2

FURNISH & INSTALL BY CONTRACTOR
STA. 30+35±, 43' RT
1-8" X 6" RED. (R.T., F.) BK
1-6" 90° BEND (F., F.)

BY CITY AHEAD OF CONTRACTOR
STA. 30+35±, 34'± RT
CLOSE EX. 6" G.V. OR CUT AND PLUG EX. 6" A.C.
STA. 30+25±, 39'± RT
CUT AND ABANDON EXIST. 12" C.I.

BY CITY AFTER NEW WATER MAIN HAS BEEN ACCEPTED
STA. 30+35±, 34'± RT.
REOPEN EX. 6" G.V. OR RECONNECT EXIST 6" AC TO NEW 6" 90° BEND

FURNISH & INSTALL BY CONTRACTOR
STA. 28+85±, 43' RT
1-8" X 8" TEE (F.)
1-8" BLIND FLANGE BK
1-8" G.V. (F.) LT
RECONNECT TO EX. 8" F.S. W/APPROVED ADAPTOR
1-8" FLANGED ADAPTOR, AHD

BY CITY AFTER NEW WATER MAIN HAS BEEN ACCEPTED AND CONSTRUCTION HAS BEEN MADE AT STA. 0+13±, 47'± RT.
STA. 22+52.2±, 43'± RT.
SHACKLE & CLOSE EX. 12" G.V. OR CUT & PLUG EX. 12" C.I.
REOPEN G.V. OR RECONNECT EX 12" C.I. TO NEW PIPE
STA. 22+42±, 39'± RT.
CUT & ABANDON EXIST. 12" C.I.

FURNISH & INSTALL BY CONTRACTOR
STA. 22+32.2±, 43'± RT
1-12" X 6" TEE (F.)
1-12" VALVE (R.T., F.) BK
1-6" F.H. (3-WAY) ASSEMBLY & MARKER
IF NECCESSARY DIP UNDER EX MAIN PER DETAIL B SHT. 5
1-12" FLANGE ADAPTOR, AHD

SCALE: 1" = 40'

WATER & SEWER GROUP 465

KETTNER BLVD - 8" & 12" PIPES

255'± NE'LY OF UPAS ST TO WALNUT ST

CITY OF SAN DIEGO, CALIFORNIA
UTILITIES DEPARTMENT
SHEET 10 OF 36 SHEETS

E.W.O. 170211
U.W.O. 180161

UTILITIES DIRECTOR — 3/5/90 DATE — ENGINEERING SUPERINTENDENT

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL		AO/VC	12/14/89	
⚠1 AS-BUILT PER CITY INSPECTOR	CAC		2/14/91	
⚠2 AS-BUILT PER CITY FORCES				

DESIGN ENGINEER — CONTROL CERTIFICATION

CONSTRUCTION RECORD
CONTRACTOR: EL CAJON GRADING & ENG. CO. — DATE STARTED 8/27/90
INSPECTOR: H. ASKAR — DATE COMPLETED 6/21/91
CONNECTIONS BY: CITY FORCES

208-1713 LAMBERT COORDINATES

24450-10-D

KETTNER BLVD.

AS-BUILT

0 1 2 3 4 IN.