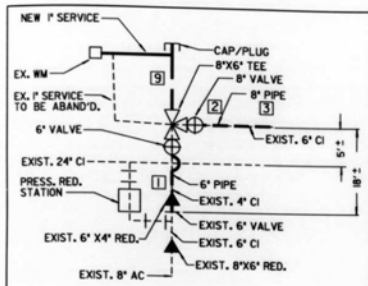
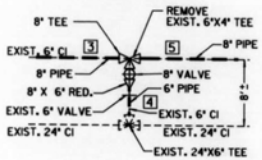


DETAIL "A"
SCALE: NONE



DETAIL "B"
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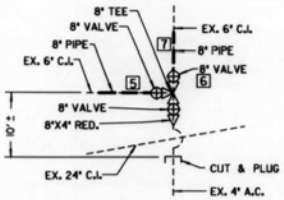
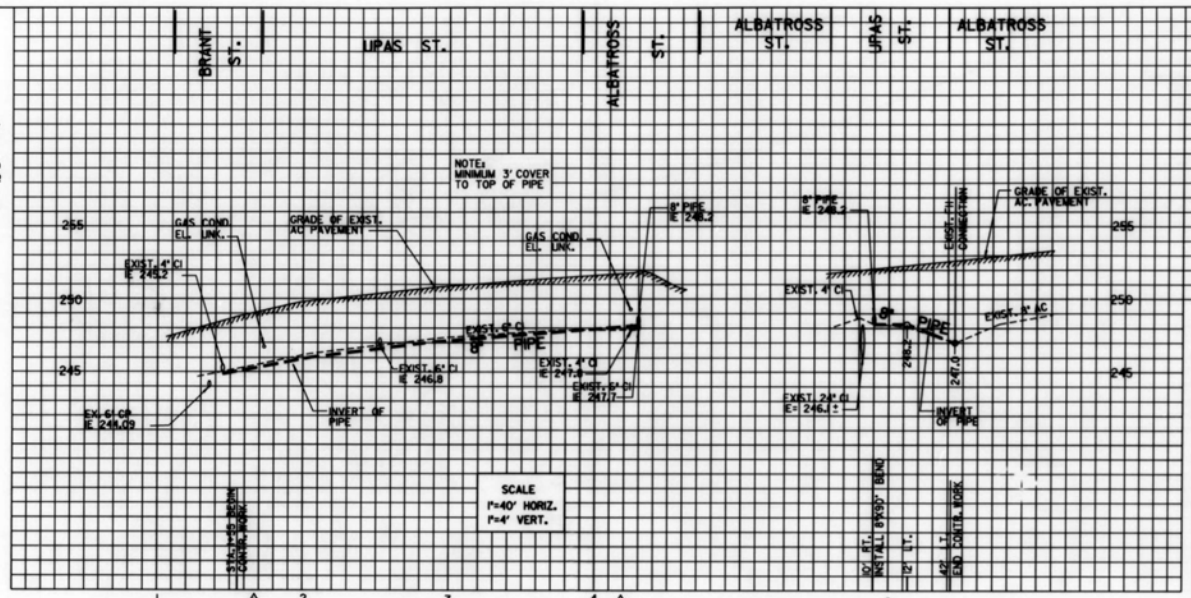
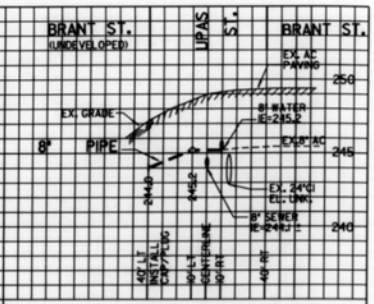


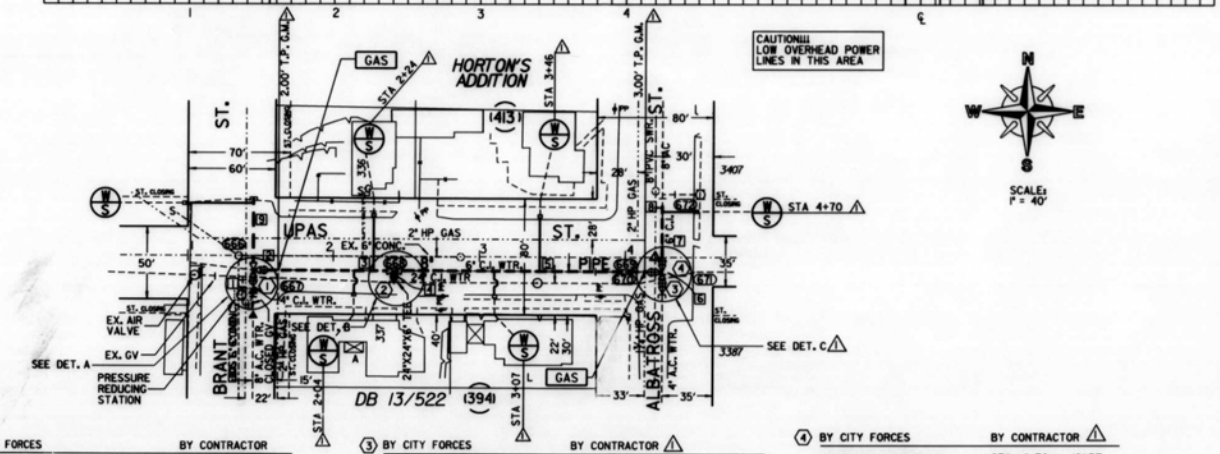
DETAIL "C" △1
SCALE: NONE





COORDINATE TABLE			
NO.	NORTHING	EASTING	DESCRIPTION
66C	N210100.52	E1718365.06	℄ INTERSECTION
66T	N210090.51	E1718370.06	8" TEE
66E	N210090.29	E1718470.06	8"X6" TEE
66S	N210099.85	E1718645.50	℄ INTERSECTION
67D	N210089.92	E1718650.06	8" TEE
67U	N210089.90	E1718655.06	8"X90° BEND
67Z	N210141.89	E1718656.22	8" CONN. TO VALVE

PROPOSED PIPE DATA TABLE				
NO.	Δ/BEARING	RADIUS	LENGTH	REMARKS
1	N0° 16' 46"E		18'	6" PIPE BY CITY
2	N89° 52' 42"W		10'	8" PIPE BY CITY
3	N89° 52' 42"W		100'	8" PIPE BY CONTRACTOR
4	N0° 16' 46"E		8'	6" PIPE BY CITY
5	N89° 52' 42"W		180'	8" PIPE BY CONTRACTOR
6	N89° 52' 42"W		4'± SPOOL	8" PIPE BY CONTRACTOR
7	N0° 16' 46"E		42'	8" PIPE BY CONTRACTOR
8	N0° 16' 46"E		10'	8" PIPE BY CITY
9	N00° 00' 00"E		50'	8" PIPE BY CONTRACTOR



REFERENCE NOTE:
100' SCALE MAP: 210-1716
GATE BOOK PG.: F-19
THOMAS BROS. MAP BOOK PG.: 1269
S.D.G. & E.: N/A
GAS BOOK PG.: 2-232, 2-240
PACIFIC BELL: N/A
COX CABLE: N/A

IMPROVEMENTS:
WATER: 592-L, 12308-4-D, 7504-W 2706-D, 22706-18-D
SEWER: 2487-L
STORM DRAIN:

BENCH MARK:
B.M. = NBBP UPAS AND ALBATROSS ST.
MSL: EL. 252.079'

FIELD NOTES:
WENTWORTH, 210-1716 W.O. 181021, MAR. 16, '89
REYNARD WAY AND BROOKES AVE.

RETIREMENT:
347.64' 6" CI YR. UNK.

HYDRAULIC GRADE LINE:
536

① BY CITY FORCES

AHEAD OF CONTRACTOR
STA. 1+45±, 10' RT.
FURNISH AND INSTALL
1- 8"X6" TEE (F)

1- 8" VALVE AHD. (F)
1- 8" ADAPTOR AHD. (F,MJ)
1- 6" VALVE RT. (F)
1- 6"ADAPTOR RT. (F,MJ)
CLOSE VALVE AHD.

STA. 1+45± ,28' RT.
REMOVE EXIST. 6"X4" RED. AND EXIST. 6" VALVE.

AFTER NEW MAIN HAS BEEN ACCEPTED MAKE CONNECTION FROM WHERE EXIST. 6" VALVE WAS REMOVED TO 8"X6" TEE AT STA. 1+45±, 10' RT.
OPEN VALVE AHD.

(SEE DETAIL "A")

② BY CITY FORCES

AHEAD OF CONTRACTOR
STA. 2+45±, 15' RT.
CLOSE EXIST. 6" VALVE
AFTER NEW MAIN HAS BEEN ACCEPTED, REMOVE EXIST. 6" VALVE MAKE CONNECTION FROM 8"X6" RED. TO EXIST. 24"X6" TEE @ 2+45± 18' RT.
OPEN NEW VALVE RT.

BY CONTRACTOR

STA. 2+45±, 10' RT.
FURNISH AND INSTALL
1- 8" TEE (F)
1- 8" ADAPTOR BK. (MJ,F)

1- 8" VALVE RT. (F)
1- 8"X6" RED. RT. (F)
1- 6" ADAPTOR RT. (F,MJ)
CLOSE NEW VALVE RT.
(SEE DETAIL "B")

③ BY CITY FORCES

AHEAD OF CONTRACTOR
STA. 4+25±, 20' RT.
CUT AND PLUG (SYNCHRONIZE W/VALVE CLOSING IN STA. 4+30±, 42'LT. ON ④)
AFTER NEW MAIN HAS BEEN ACCEPTED, MAKE CONNECTION. OPEN VALVE RT. (SYNCHRONIZE W/VALVE OPENING IN STA. 4+30±, 42'LT. ON ④)
(SEE DETAIL "C")

BY CONTRACTOR △1

STA. 4+25±, 10' RT.
FURNISH AND INSTALL
1- 8" TEE (F)
1- 8" VALVE BK. (F)
1- 8" ADAPTOR BK. (MJ,F)
1- 8" VALVE RT. (F)
1- 8"X4" RED. RT. (F)
1- 4" ADAPTOR RT. (F,MJ).
CLOSE VALVE RT.
(SEE DETAIL "C")

④ BY CITY FORCES

AHEAD OF CONTRACTOR
STA. 4+30±, 42' LT.
CLOSE VALVE (SYNCHRONIZE W/ CUT AND PLUG IN STA. 4+25±, 20' RT. ON ③)
AFTER NEW MAIN HAS BEEN ACCEPTED
REMOVE EXIST. 8"X6" RED.
MAKE CONNECTION
OPEN VALVE (SYNCHRONIZE W/VALVE OPENING IN STA. 4+25±, 10' RT. ON ③)
(SEE DETAIL "C")

BY CONTRACTOR △1

STA. 4+30±, 10' RT.
FURNISH AND INSTALL
1- 8" VALVE LT. (F)
1- 8" ADAPTOR LT. (F,MJ)
(SEE DETAIL "C")

WATER & SEWER GROUP 486

UPAS ST.

BRANT ST. TO ALBATROSS ST.

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING AND CAPITAL PROJECTS DEPARTMENT
SHEET 18 OF 53 SHEETS

WATER W.O. 181071
SEWER W.O. 171391

APPROVED: 5-7-90 DATE — PORTER ENGINEER
PREPARED: ASSOCIATE ENGINEER
PROJECT ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	FS/RM			
△1 ADDED TEE △2 ADDED TEE △3 ADDED TEE	CD/RM	CED	3-27-92	

CONTROL CERTIFICATION
210-1713
LAMBERT COORDINATES
25842-18-D

CONTRACTOR: DATE STARTED
INSPECTOR: DATE COMPLETED

UPAS ST.

AS-BUILT

FILMED FROM THE ORIGINAL
BEST QUALITY OBTAINABLE