

WATER & SEWER GROUP 486



SHEET NO.	STREET	LIMITS	PIPE		LENGTH FT.	GATE BOOK	THOMAS BROTHERS MAPS
			SIZE IN.	TYPE			
WATER							
2	ANDREW ST.	WASH. ST. TO 5/8 OF INDA ST. TO ANDREW ST. STA. 8+00	8	WATER	506.68	F 1/2"	056
3	ANDREW ST.	STA. 8+00 TO STA. 8+00	0	WATER	39.25	F 1/2"	056
4	COLUMBIA ST.	ANDREW ST. STA. 1+00 TO STA. 5+25	0	WATER	48.37	F 1/2"	056
5	WIDER ST.	INDA ST. STA. 1+00 TO STA. 3+47	0	WATER	274.42	F 1/2"	056
6	WIDER ST.	STA. 1+00 TO STA. 6+43	0	WATER	777.80	F 1/2"	056
7	PUTERBAUGH ST.	ANDREW ST. STA. 0+00 TO STA. 4+18	0	WATER	339.08	F 1/2"	056
8	GUY ST.	ANDREW ST. STA. 0+00 TO STA. 4+30	0	WATER	347.59	F 1/2"	056
9	LAWOOD ST.	ANDREW ST. STA. 0+00 TO STA. 6+00	0	WATER	572.40	F 1/2"	056
10	CHALMERS ST.	STA. 6+00 TO STA. 0+06	0	WATER	606.00	F 1/2"	056
11	CHALMERS ST.	INDA ST. STA. 1+00 TO STA. 8+00	0	WATER	677.76	F 1/2"	056
12	ORWELL ST.	STA. 0+06 TO STA. 0+76	0	WATER	703.50	F 1/2"	056
13	LAIN ST.	STA. 1+00 TO STA. 8+25	0	WATER	738.48	F 1/2"	056
14	PUTERBAUGH ST.	NITE ST. STA. 0+20 TO STA. 5+60	0	WATER	538.40	F 1/2"	056
15	TORRANCE ST.	NITE ST. STA. 0+20 TO STA. 5+73	0	WATER	560.77	F 1/2"	056
16	PENNSYLVANIA ST.	NITE ST. STA. 1+00 TO STA. 6+90	0	WATER	578.62	F 1/2"	056
17	SUTTER ST.	NITE ST. STA. 0+20 TO STA. 7+28	0	WATER	772.23	F 1/2"	056
18	UPAS ST.	BRANT ST. TO ALBATROSS ST. STA. 1+00 OF RT TO 28 FT SEWER	6	WATER	372.00	F 1/2"	056
19	ANDREW ST.	STA. 0+00 TO STA. 6+28	0	SEWER	625.92	F 1/2"	056
20	PUTERBAUGH ST.	STA. 0+00 TO STA. 4+38	0	SEWER	243.04	F 1/2"	056
21	GUY ST.	STA. 0+20 TO STA. 1+80	0	SEWER	88.4	F 1/2"	056
22	LAWOOD ST.	STA. 0+00 TO STA. 4+75	0	SEWER	470.00	F 1/2"	056
23	LAWOOD ST.	STA. 4+75 TO STA. 6+57	0	SEWER	81.72	F 1/2"	056
24	CHALMERS ST.	STA. 0+00 TO STA. 5+70	0	SEWER	570.0	F 1/2"	056
25	CROWELL ST.	STA. 5+70 TO STA. 4+87	0	SEWER	592.08	F 1/2"	056
25A	STATE ST.	STA. 0+00 TO STA. 4+34	0	SEWER	373.4	F 1/2"	056
26	LAIN ST.	STA. 0+00 TO STA. 6+72	0	SEWER	676.6	F 1/2"	056
27	PUTERBAUGH ST.	STA. 0+00 TO STA. 3+61	0	SEWER	361.8	F 1/2"	056
28	TORRANCE ST.	STA. 0+00 TO STA. 4+04	0	SEWER	403.57	F 1/2"	056
29	PENNSYLVANIA ST.	STA. 0+00 TO STA. 2+70	0	SEWER	295.57	F 1/2"	056
30	WIDER ST.	STA. 0+00 TO STA. 5+27	0	SEWER	634.0	F 1/2"	056
31	UPAS ST.	BRANT ST. TO ALBATROSS ST.	0	SEWER	52.8	F 1/2"	056
32	CITY FORCE WORK	TRAFFIC CONTROL PLANS					
33-3	TRAFFIC	RESURFACING PLAN					
52	PEDESTRIAN RAMPS	PEDESTRIAN RAMPS PLAN					
54	SIGNATURE	SIGNATURE SHEET					

STANDARD DRAWINGS & SPECIFICATIONS

STANDARD SPECIFICATIONS:

- DOC. NO. FILED DESCRIPTION
1. 76832 5-2-87 STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1987 EDITION, INCLUDING IMPORTED BACKFILL, TEMPORARY RESURFACING PAVING & TRENCH RESURFACING PER SPECIFICATIONS.
7. 76794 1-7-70 CALIFORNIA DEPARTMENT OF TRANSPORTATION, "MANUAL OF TRAFFIC CONTROL FOR CONSTRUCTION AND MAINTENANCE WORK ZONES," 1970 EDITION.
7. 76894 10-2-75 1972 STANDARD SPECIAL PROVISIONS STREET LIGHTING & TRAFFIC SIGNAL SYSTEMS OF THE CITY OF SAN DIEGO.
4. 76902 6-25-75 SAN DIEGO COUNTY REGIONAL STANDARDS COMMITTEE 1970 EDITION OF THE "WATCH HANDBOOK."

STANDARD DRAWINGS:

- DOC. NO. FILED DESCRIPTION
1. 76832 5-2-87 CITY OF SAN DIEGO STANDARD DRAWINGS.

UNDERGROUND UTILITIES

AT LEAST THREE (3) WORKING DAYS PRIOR TO EXCAVATION, THE CONTRACTOR SHALL REQUEST MANHOLES OF UNDERGROUND UTILITIES BY CALLING THE BELOW LISTED REGIONAL NOTIFICATION CENTER FOR AN IDENTITY IDENTIFICATION NUMBER.

UNDERGROUND SERVICE ALERT (USA) 1-800-472-4333

CONTRACTOR'S RESPONSIBILITIES

- THE CONTRACTOR SHALL ENFORCE ALL SAFETY MEASURES. THE CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHIELDING AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.
- CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND RECONNECT ALL SEWER LATERALS. LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY; LATERAL RECORDS ARE AVAILABLE TO THE CONTRACTOR AT THE UTILITIES ENGINEERING DIVISION, 31TH FLOOR, 400 "P" STREET, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THE IMPROVEMENTS THAT WILL BE AFFECTED BY LATERAL REPLACEMENTS. ALL IMPROVEMENTS DISTURBED BY CONTRACTOR SHALL BE REPLACED IN KIND TO ORIGINAL OR BETTER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEMONSTRATION AND/OR BENCHMARKS WHICH WILL BE DISTURBED OR DESTROYED BY CONSTRUCTION. SUCH POINTS SHALL BE REFERENCED AND REPLACED WITH APPROPRIATE DOCUMENTATION BY A LICENSED LAND SURVEYOR OR A REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED BY THE LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER AS REQUIRED BY THE LAND SURVEYOR'S ACT.
- CONTRACTOR TO EXCAVATE AROUND WATER METER BOX (CITY PROPERTY) USED TO DETERMINE IN ADVANCE, EXACT SIZE OF SERVICE BEFORE TAPPING MAIN.
- CITY FORCES, WHERE CALLED OUT, SHALL MAKE PERMANENT CUTS & PLUGS CONNECTIONS, ETC. CITY FORCES WILL ABANDON EXISTING WATER MAINS.
- EXISTING MAINS SHALL BE KEPT IN SERVICE IN LIEU OF HIGH-LINK.
- THE LOCATION OF EXISTING BUILDINGS AS SHOWN ON THE PLAN ARE APPROXIMATE. CONTRACTOR SHALL REPLACE IN KIND ANY TRAFFIC SIGNALS DAMAGED DURING CONSTRUCTION.
- WHERE EXISTING MAINS ARE REPLACED IN PLACE, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MAINS.
- EXISTING SEWER MAINS TO BE ABANDONED ARE TO BE FILLED WITH SAND BY THE CONTRACTOR.

DELIMB NEAR SEA LEVEL
MAJOR STREETS: INDA ST., BARRINGTON ST.

ABBREVIATIONS

ABAND	ABANDON	COND	CONCRETE	HP	HIGH PRESSURE	RT	RIGHT
AC	ASBESTOS CEMENT PIPE	CONTR	CONTRACTOR	INT	INVERT ELEVATION	SD	STORM DRAIN
AND	ASSEMBLY	CP	CONCRETE PIPE	LAT	LATERAL	S.SR	SEWER
ASST	ASSEMBLY	D	DUCTILE IRON PIPE	LET	LEFT	SURV	SURVEY LINE
BACK	BACKFILL	E	ELECTRIC	MECH	MECHANICAL JOINT	T	TEL. TELEPHONE
BO	BLOW OFF	EL	ELEVATION	MU	MULTIPLE TELEPHONE DUCT	TP	TOP OF PIPE
CATV	CABLE TV	EX	EXISTING	OVHD	OVERHEAD	UNKN	UNKNOWN
CL	CENTER LINE	FL	FLANGE	PROP	PROPOSED	VT	VITRIFIED CLAY PIPE
CONC	CONCRETE	FR	FIRE HYDRANT	PVC	POLYVINYL CHLORIDE PIPE	W.BTR	WATER
		GM	GAS MAIN	RCF	REINFORCED CONCRETE PIPE	W.MTR	WATER METER
		GS	GAS SERVICE	RED	REDUCER	WS	WATER SERVICE
		GV	GATE VALVE	REHAB	REHABILITATE		

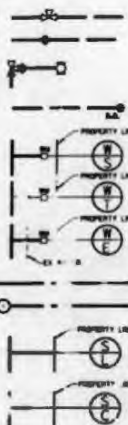
WORK TO BE DONE

IMPROVEMENTS

- TRENCH SHORING
- ADDITIONAL BEDDING
- IMPORTED BACKFILL
- TEMPORARY RESURFACING
- PAVING & TRENCH RESURFACING PER SPECIFICATIONS
- WATER MAIN & APPURTENANCES I CLASS 90 OR AS NOTED
- VALVES WITH CAPS AND BELLS
- 2" FIRE HYDRANT & MARKER 2-BAY UNLESS SPECIFIED AS 3-BAY
- SLOBOFF

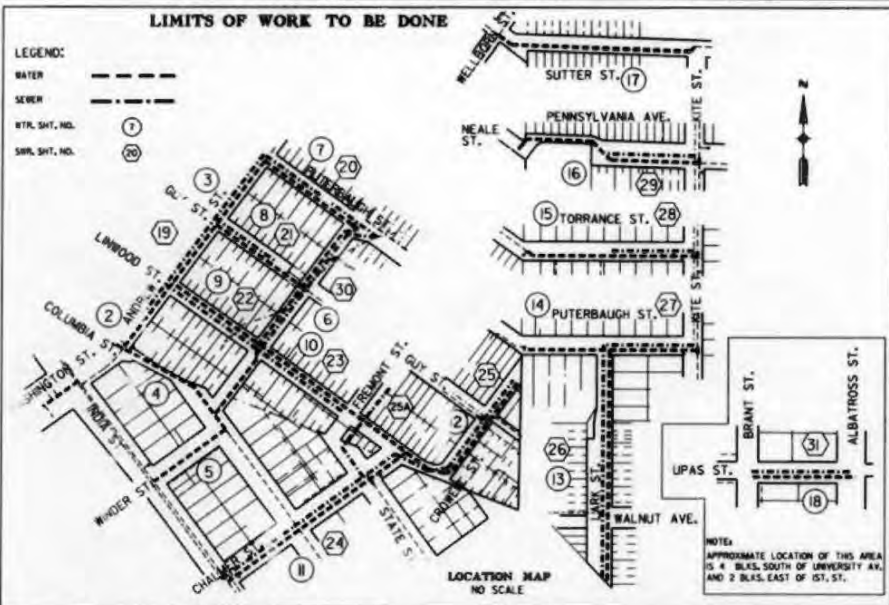
STANDARD DRAWINGS

- AS REQUIRED AS DIRECTED BY THE ENGINEER AS DIRECTED BY THE ENGINEER AS DIRECTED BY THE ENGINEER
- SDC-07, SDC-108 PER SPECIFICATIONS
- W-1.9, W-1.9-B, W-1.9-22, W-1.9-25
- SDC-100, SDC-105
- W-1.9, W-1.9-B, W-1.9-22, W-1.9-25
- SDC-100, SDC-105
- SDC-06, W-1.1, W-1.9



SYMBOLS - EXISTING UTILITIES

- FIRE HYDRANT
- W.P. GAS MAIN
- ELECTRICAL, TEL. COND. CABLE TV
- WATER MAIN & VALVES
- SEWER MAIN & MANHOLES
- WATER METER
- STORM DRAIN, CURB INLET
- EX. TRAFFIC SIGN
- EX. STREETS LIGHT
- EX. AC PAYMENT
- EX. ECON. PAYMENT
- DPT
- POWER POLE
- TRAFFIC STREET SIGN



PLANS FOR THE CONSTRUCTION OF WATER & SEWER GROUP 486

CITY OF SAN DIEGO, CALIFORNIA		DATE: 1/10/77
ENGINEER: J. J. GARDNER, P. E. (C.E. REG. NO. 17139)		SCALE: 1" = 40'
PROJECT NO. 1-7-70		DATE: 1/10/77
SHEET NO. 25842-01-0		TOTAL SHEETS: 1
CONTRACTOR: J. J. GARDNER, INC. 1100 N. STATE ST. SAN DIEGO, CALIF. 92101		DESIGNER: J. J. GARDNER, INC.

FILED FROM THE ORIGINAL BEST QUALITY OBTAINABLE

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