WATER GROUP 665

UNDERGROUND UTILITIES

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

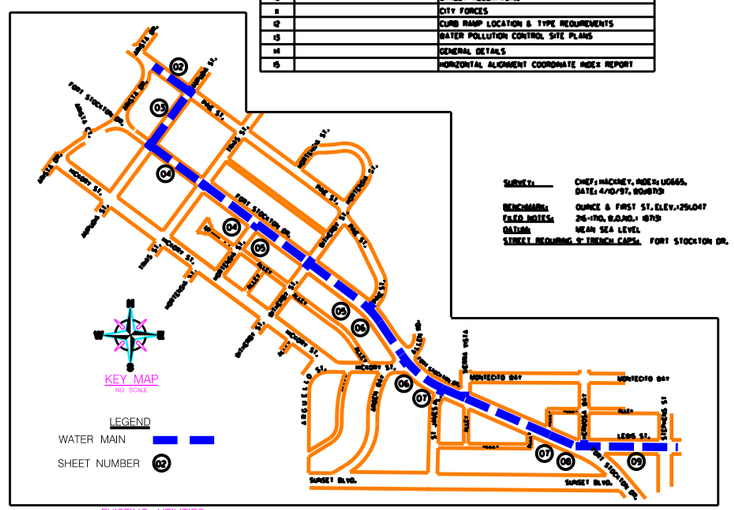
UNDERGROUND SERVICE ALERT (U.S.A.) 1-800-422-4133

CONTRACTOR'S RESPONSIBILITIES

1. 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 WATER DEPARTMENT, 2797 CAMINO CHOLLAS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THE APPURTENANCES THAT WILL BE AFFECTED BY LATERAL REPLACEMENTS. ALL APPURTENANCES DISTURBED BY CONTRACTOR SHALL BE REPLACED IN KIND TO ORIGINAL CONDITION OR BETTER.
2. CONTRACTOR TO EXCAVATE AROUND WATER METER BOX (CITY PROPERTY SIDE) TO DETERMINE IN ADVANCE, THE EXACT SIZE OF EACH SERVICE BEFORE TAPPING MAIN.
3. CITY FORCES WHERE CALLED OUT SHALL MAKE PERMANENT CUTS & PLUGS, CONNECTIONS, ETC.
4. EXISTING MAINS SHALL BE KEPT IN SERVICE IN LIEU OF HIGH-LANE, UNLESS OTHERWISE SHOWN ON PLANS.
5. THE LOCATION OF EXISTING BUILDINGS AS SHOWN ON THE PLAN ARE APPROXIMATE.
6. STORM DRAIN INLETS ARE TO REMAIN FUNCTIONAL / OPERATIONAL AT ALL TIMES DURING CONSTRUCTION.
7. UNLESS OTHERWISE NOTED AS PREVIOUSLY POTHOLED (PH), ALL ELEVATIONS SHOWN ON THE PROFILE FOR EXISTING UTILITIES ARE BASED ON A SEARCH OF THE AVAILABLE RECORD INFORMATION ONLY AND ARE SOLELY FOR THE CONTRACTOR'S CONVENIENCE. THE CITY IN NO WAY GUARANTEES OR WARRANTS THAT IT HAS REVIEWED ALL AVAILABLE DATA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO POTHOLE ALL EXISTING UTILITIES (EITHER SHOWN ON THE PLANS OR WARNED IN THE FIELD) IN ACCORDANCE WITH THE SPECIFICATIONS (SECTION 2-9)
8. CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER IMMEDIATELY IF A ONE FOOT VERTICAL SEPARATION (FROM OUTSIDE PIPE WALL TO OUTSIDE PIPE WALL) BETWEEN SEWER AND WATER MAINS CANNOT BE MAINTAINED.
9. CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER IMMEDIATELY IF A FOUR FOOT HORIZONTAL SEPARATION (FROM OUTSIDE PIPE WALL TO OUTSIDE PIPE WALL) BETWEEN SEWER AND WATER MAINS CANNOT BE MAINTAINED.
10. CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER IMMEDIATELY IF A 6-INCH VERTICAL SEPARATION (FROM OUTSIDE PIPE WALL TO OUTSIDE PIPE WALL) BETWEEN UTILITIES OTHER THAN SEWER AND WATER CANNOT BE MAINTAINED.
11. EXISTING UTILITY CROSSING ARE NOT REPRESENTATIVE OF ACTUAL LENGTH OF CONFLICT AREA (SEE PLAN VIEW)
12. CONTRACTOR TO MAINTAIN A MINIMUM 3' OF COVER OVER TOP OF WATER MAIN.

LIMITS OF WORK

SHEET NO.	STREET	LIMITS	PIPE SIZE (IN)	PIPE MATERIAL	LENGTH (FT)
		WATER			
2	PAGE ST	ARISTA DR. TO ARMONA ST.	12	WATER	229
2	PAGE ST	ARMONA ST. TO WEST FORT ST.	12	WATER	104
3	ARMONA ST	PAGE ST. TO SOUTH OF FORT STOCKTON DR.	12	WATER	42
3	FORT STOCKTON DR	WEST OF FORT STOCKTON DR	8	WATER	32
3	FORT STOCKTON DR	FORT STOCKTON DR. ARMONA ST.	8	WATER	30
4	FORT STOCKTON DR.	ARMONA ST. TO WEST OF MORTENSEN ST.	16	WATER	600
4	TRUSS ST	NORTH & SOUTH OF FORT STOCKTON DR	8	WATER	50
5	FORT STOCKTON DR.	MORTENSEN ST. TO WEST OF PAGE ST.	16	WATER	700
5	MORTENSEN ST	SOUTH OF FORT STOCKTON DR	8	WATER	42
5	BATHERBY ST	NORTH & SOUTH OF FORT STOCKTON DR	8	WATER	40
6	FORT STOCKTON DR.	PAGE ST. TO EAST OF MCCOY ST.	16	WATER	600
6	PAGE ST	NORTH OF FORT STOCKTON DR	8	WATER	30
6	MCCOY ST	SOUTH OF FORT STOCKTON DR	8	WATER	30
6	FORT STOCKTON DR.	WEST OF ST JAMES PL. TO WEST OF HERMOSA BY.	16	WATER	700
7	ST JAMES PL	SOUTH OF FORT STOCKTON DR	8	WATER	30
7	SIERRA VISTA	NORTH OF FORT STOCKTON DR	8	WATER	40
8	FORT STOCKTON DR. / B. LEONS ST	WEST OF HERMOSA BY TO B EST FORT STOCKTON DR	16	WATER	400
8	HERMOSA BY	WEST OF HERMOSA BY TO LEONS ST.	8	WATER	30
8	FORT STOCKTON DR.	SOUTH OF FORT STOCKTON DR	8	WATER	25
9	LEONS ST.	HERMOSA BY TO STEPHENS ST.	16	WATER	500
9	STEPHEN ST	SOUTH OF B LEONS ST	12	WATER	92
10		STREET RESURFACING			
11		CITY FORCES			
12		CURB RAMP LOCATION & TYPE REQUIREMENTS			
13		WATER POLLUTION CONTROL SITE PLANS			
14		GENERAL DETAILS			
15		HORIZONTAL ALIGNMENT COORDINATE INDEX REPORT			



KEY MAP
NO SCALE

LEGEND
WATER MAIN
SHEET NUMBER 02

SURVEY: CHIEF: MACKEY, INDEX: UG665.
DATE: 4/10/97, 8/08/97
BENCHMARK: QUINCE & FIRST ST. ELEV.=294.047
FIELD NOTES: 26-170, 8.0.NO.: 1873
DATUM: MEAN SEA LEVEL
STREET RESURFACING & TRENCH CAPS: FORT STOCKTON DR.

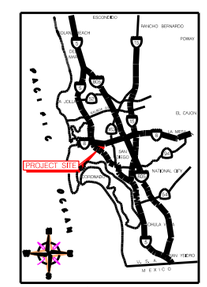
WORK TO BE DONE

CONSTRUCTION OF WATER GROUP 665 CONSISTS OF THE REPLACEMENT OF EXISTING 16-INCH AND 12-INCH CAST IRON WATER MAINS WITH APPROXIMATELY 4895 LINEAR FEET OF 8-INCH, 12-INCH AND 16-INCH PVC WATER MAINS AND ALL OTHER APPURTENANCES IN ACCORDANCE WITH THESE SPECIFICATIONS AND DRAWINGS NUMBERED 34219-01-D THROUGH 34219-15-D.

LEGEND

IMPROVEMENTS	STANDARD DRAWINGS	SYMBOL
TRENCH RESURFACING	SDG-107, SDG-108	
SURVEY MONUMENT	W-10	
HORIZONTAL ALIGNMENT COORDINATE POINT NUMBER		1127
WATER MAIN & APPURTENANCES	WT-01, WP-01, SDR-100. FOR PIPE BEDDING & TRENCH BACKFILL DETAIL, SEE SHEET #02	
VALVES WITH CAPS AND BELLS	WV-01, WV-02, WV-03, WV-04 WV-05, SDR-100, SDR-109	
6" FIRE HYDRANT ASSEMBLY & MARKER 2-PORT UNLESS SPECIFIED AS 3-PORT 6" HIGHFIRE HYDRANT, SEE DETAIL SHEET #4	WP-01, WF-01, WF-02, WF-04, WV-01 WV-02, SDR-100, SDR-105, W-19	
1" WATER SERVICE UNLESS OTHERWISE SPECIFIED	WS-01, WS-02, WS-03, WP-01 SDR-100, SDR-134, SDR-135 SDR-136, SDR-137, SDR-138 SDR-140	PROPOSED WATER 09 P.L. 9
NARROW TRENCH FOR 1" & 2" WATER SERVICE DETAIL, SEE SHEET #4		
CUTTING AND PLUGGING ABANDONED WATER/SEWER MAIN	WP-03	

FOR ADDITIONAL SYMBOLS SEE RESURFACING, CURB RAMP, AND TRAFFIC CONTROL SHEETS.



VICINITY MAP
NO SCALE

EXISTING UTILITIES

- EX WATER MAIN & VALVES
- EX WATER METER
- EX FIRE HYDRANT
- EX SEWER MAIN & MANHOLES
- EX DRAINS
- EX PAVEMENT (PROFILE)
- EX GROUND LINE (PROFILE)
- EX TRAFFIC SIGNAL — OH TS
- EX STREET LIGHT — SL
- GAS MAIN
- ELEC. COND., TEL. COND., CATV — E — T — C —
- RAILROAD, TROLLEY TRACKS

ABBREVIATIONS

ABAND	ABANDON	CONTR	CONTRACTOR	MTD	MULTIPLE TELEPHONE
ABAND'D	ABANDONED	DB	DIRECT BURIED		DUCT
AC	ASBESTOS CEMENT PIPE	EB	ENCASED BURIED	OHWD	OVER HEAD
		EL, ELEV	ELEVATION	PVC	POLYVINYL CHLORIDE
AHD	AHEAD	ELEC	ELECTRIC	PROP	PROPOSED
ASSY	ASSEMBLY	EX, EXIST	EXISTING	RED	REDUCER
BK	BACK	F	FLANGE	RT	RIGHT
BTWN	BETWEEN	GV	GATE VALVE	S	SURVEY LINE
CATV	CABLE TV	HDPE	HIGH-DENSITY POLYETHYLENE	SO	STUB OUT
CI	CAST IRON PIPE			SOR	SEWER
℄	CENTER LINE	HP	HIGH PRESSURE	TEL	TELEPHONE
COND	CONDUIT	IE	INVERT ELEVATION	UNK	UNKNOWN
CONT	CONTINUED	LT	LEFT	VC	VITRIFIED CLAY PIPE
		MJ	MECHANICAL JOINT	WM	WATER METER
				WTR	WATER

PERMIT	PERMIT NO.
PERMIT	PERMIT NO.
PERMIT	PERMIT NO.
FUNDING: FTBB6	SPEC. NO. 4540

AS-BUILT INFORMATION

MATERIALS	MANUFACTURER
PIPE CL 235 (WATER)	-
PIPE SDR 35 (SEWER)	-
GATE VALVES	-
FIRE HYDRANTS	-

ASBUILT PER: FIELD INSPECTION

PLANS FOR THE CONSTRUCTION OF
WATER GROUP 665
COVER SHEET

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING AND CAPITAL PROJECTS DEPARTMENT
SHEET 1 OF 15 SHEETS

APPROVED
CITY ENGINEER — DATE

DESCRIPTION	DRAWN BY	DATE	PLANNED
ORIGINAL	JJHH		

CONTRACTOR — DATE STARTED
INSPECTOR — DATE COMPLETED

WATER B.M. #1739
SEWER B.M. —

CHIEF ENGINEER
CHRIS GASCON
ASSOCIATE ENGINEER
JEWRY JARRELLA
PROJECT ENGINEER

CONTROL CORRECTION
000-0000
LAMBERT COORDINATES
34219-01-D

WATER GROUP 665

$1234567890123456789012345678901234567890123456789O$

$plot5dateStime55 $user$