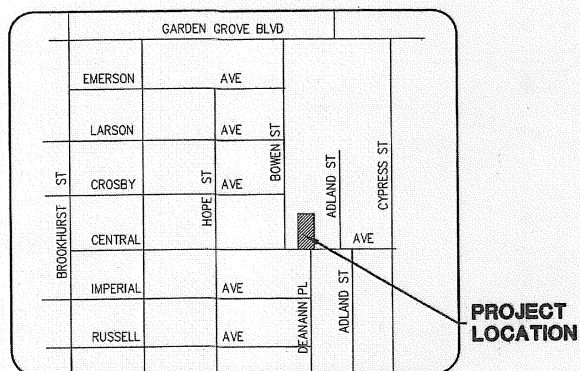


SEWER IMPROVEMENT PLAN

10261 CENTRAL AVENUE

GARDEN GROVE, CA



GENERAL SEWER NOTES

- ALL MAIN LINE SEWER CONSTRUCTION SHALL COMPLY WITH THE LATEST STANDARD SPECIFICATIONS AND STANDARD PLANS OF THE GARDEN GROVE SANITARY DISTRICT, DATED NOVEMBER 2007.
 - THE CONTRACTOR SHALL SECURE A CONSTRUCTION PERMIT FROM THE GARDEN GROVE SANITARY DISTRICT PRIOR TO THE START OF ANY CONSTRUCTION AND THE DISTRICT SHALL BE NOTIFIED (714) 741-5395 AT LEAST TWO (2) WORKING DAYS PRIOR TO STARTING WORK.
 - STANDARD PLANS AND SPECIFICATIONS FOR GARDEN GROVE PUBLIC WORKS ARE AVAILABLE AT CITY HALL, GARDEN GROVE, CALIFORNIA, OR ON CITY'S WEBSITE.
 - SEWER STATIONING DOES NOT NECESSARILY COINCIDE WITH STREET IMPROVEMENT STATIONING.
 - ALL PIPE, PIPE JOINTS AND PIPE FITTINGS TO BE EXTRA STRENGTH V.C.P. MEETING ALL FEDERAL SPECIFICATIONS SSP-3518 WITH WEDGE LOCK JOINTS MEETING A.S.T.M. SPEC. D-425. "NO HUB" PIPE WITH BAND SEALS IS GENERALLY NOT PERMITTED. IF "NO HUB" PIPE IS ALLOWED IT MUST BE INSTALLED WITH A JOINT SEAL WITH AN ADDITIONAL STAINLESS STEEL BAND TO SUPPORT THE CENTER OF THE JOINT. DISTRICT INSPECTOR MUST APPROVE INSTALLATION PRIOR TO BACKFILL.
 - THE USE OF PORTLAND CEMENT IN JOINTS IS PROHIBITED.
 - MANHOLES SHALL BE ECCENTRIC CONE TYPE, AS SHOWN ON STANDARD PLANS OF THE GARDEN GROVE SANITARY DISTRICT. MANHOLE COVERS SHALL BE 6" + BELOW SUB-GRADE AND BROUGHT TO GRADE WHEN PAVING IS COMPLETE.
 - ALL MANHOLES SHALL HAVE AN 8" STUB (MIN.) EACH WAY.
 - HOUSE LATERAL ARE SHOWN APPROXIMATE ONLY AND THE EXACT LOCATION OF WYES AND LATERALS SHALL BE DETERMINED IN THE FIELD AT THE TIME CONSTRUCTION EXCEPT IN CASES WHERE GRADE REQUIRES FIELD CONTROL.
 - FINAL AIR TESTING FROM PIPELINE LEAKAGE SHALL BE MADE IN THE PRESENCE OF THE DISTRICT INSPECTOR AFTER THE DISTRICT ENGINEER AND THE CITY ENGINEERING DIVISION HAVE ACCEPTED BACKFILL.
 - SEWER PIPES SHALL BE BALLED IN THE PRESENCE OF THE DISTRICT INSPECTOR AFTER FINAL TESTING AND MANHOLE COVERS HAVE BEEN BROUGHT TO GRADE UPON COMPLETION OF PAVING. DETAILED VIDEOTAPE SHALL BE MADE OF THE SEWER AFTER TESTING AND CLEANING AND A COPY PROVIDED TO THE SANITARY DISTRICT.
 - THE ENGINEER SHALL SET TOP OF CURB STAKES AT HOUSE CONNECTIONS.
 - THE CONTRACTOR SHALL OBTAIN A "CITY RIGHT OF WAY EXCAVATION" PERMIT FOR WORK DONE IN STREETS.
 - PERMIT ISSUANCE IS SUBJECT TO PAYMENT OF ALL NECESSARY FEES, AND WHERE APPLICABLE, GRANTING THE NECESSARY EASEMENTS TO THE GARDEN GROVE SANITARY DISTRICT AND COMPLETION OF THE ANNEXATION PROCESS.
 - THE ENGINEER SIGNING THESE PLANS SHALL BE RESPONSIBLE FOR DETERMINING THE CORRECT LOCATIONS AND ELEVATIONS OF EXISTING SEWER FACILITIES SHOWN HEREIN PRIOR TO CONSTRUCTION. ALL ELEVATIONS SHOWN SHALL BE ON THE LATEST DATUM OF THE ORANGE COUNTY SURVEYOR.
 - THE SEWER CONSTRUCTION SHALL START AT THE CONNECTION OF EXISTING SEWER FACILITY AND PROCEED UPGRADE.
 - PRIOR TO FINAL ACCEPTANCE, THE ENGINEER SIGNING THE PLANS SHALL PROVIDE AN "AS-BUILT PLAN" IN AUTOCAD FORMAT INCLUDING HOUSE LATERAL AS REQUIRED BY THE SANITARY DISTRICT.
 - MANHOLES LEFT BELOW GRADE SHALL BE MARKED WITH A 4" X 4" REDWOOD POST PAINTED WHITE.
 - THE LOCATION OF EXISTING OR PROPOSED UTILITIES IS THE RESPONSIBILITY OF THE ENGINEER SIGNING THE PLANS. THE DISTRICT ASSUMES NO OBLIGATION FOR THE EXISTENCE OR ACCURACY OF ANY UTILITIES.
- A GREASE TRAP IS REQUIRED PER THE CALIFORNIA PLUMBING CODE FOR ALL ESTABLISHMENTS THAT SERVE OR PREPARE FOOD.

SEWER CONSTRUCTION NOTES

- REMOVE EXIST. SEWER CLEANOUT AND BACKFILL WITH AC.
- CONSTRUCT 8" DIA. VCP SEWER PIPE WITH PIPE BEDDING PER CITY STD S-107.
- CONSTRUCT 4" DIA. PVC SEWER LATERAL AWWA C-900, CLASS 200 (20' LENGTH CENTERED OVER CROSSING) PER CITY STD B-763 AND S-111.
- CONSTRUCT SEWER CLEANOUT PER CITY STD S-105.
- CONNECT TO EXISTING 8" VCP SEWER PIPE.
- CONSTRUCT STANDARD STREET RESURFACING AND TRENCH BACKFILL PER CITY STD B-134.
- INSTALL 8"x4" VCP WYE W/TRANSITION COUPLING FOR PVC LATERAL.

INDEX TO DRAWINGS

SHEET 1	TITLE SHEET
SHEET 2	SEWER IMPROVEMENT PLAN

UTILITY OWNERS

UTILITY	CONTACT PERSON	PHONE NO.
GARDEN GROVE SEWER DIVISION	BRENT HAYES	(714) 741-5976
GARDEN GROVE WATER DIVISION	SCOTT LOWE	(714) 741-5346
GARDEN GROVE TRAFFIC DIVISION	TONY AQUINO	(714) 741-5193
SOUTHERN CALIFORNIA EDISON CO.	CECILIA CAMPOS	(714) 889-8621
THE GAS CO.	DON AMADOR	(714) 634-3039
AT & T	YVETTE MARTINEZ-GARAFANO	(714) 666-5692
O.C.T.A.	MARK SELLINGER	(714) 530-6060
TIME WARNER COMMUNICATIONS	JON LO	(213) 903-8213
O.C. SANITATION DISTRICT	RICH LEON	(714) 593-7242
VERIZON	LEO ESTOYU	(714) 357-6748

NOTE: TBM ESTABLISHED FROM STREET IMPROVEMENT PLAN DRAWING NO. A-594-20 WHICH PLAN USES THIS BENCHMARK FOR DATUM

BENCHMARK
BM NO. GG-G-5-64 ELEV. 86.063
(1972 ADJ.)
STANDARD C.G. CITY BENCHMARK AT THE INTERSECTION OF LAMPSON AVE. AND NUTWOOD ST. IN THE SW QUADRANT, 51.50' S/O C/L OF LAMPSON AVE. AND 23' N/O NUTWOOD ST., 2.50' W/O CURB FACE.



NO WORK SHALL BE DONE ON THIS SITE UNTIL BELOW AGENCY IS NOTIFIED OF INTENTION TO GRADE OR EXCAVATE.
Underground Service Alert
Call: TOLL FREE
811
TWO WORKING DAYS BEFORE YOU DIG

PREPARED BY: **DMS CONSULTANTS, INC.**
DESIGNED BY: S.D.
DRAWN BY: NC
CHECKED BY: S.D.
PLANS PREPARED UNDER SUPERVISION OF: SURRENDER DEWAN
DATE: R.C.E. NO. 34559

OWNER	PLANS PREPARED FOR
[REDACTED]	[REDACTED]
STREET IMPROVEMENT PLAN DRAWING NO. A-594-20	
REFERENCE PLANS FOR THESE IMPROVEMENTS	DATE BY DESCRIPTION REVISIONS

NOTICE: 24 HOUR ADVANCE NOTICE IS REQUIRED PRIOR TO START OF ANY WORK (714) 741-5887

CITY TRAFFIC ENGR. [Signature] R.T.E. 1660
STREET DIVISION MGR. [Signature]
WATER SERVICES MGR. [Signature]
REAL PROPERTY AGENT

APPROVED BY: [Signature] CITY ENGINEER R.C.E. No. 52124, EXP. 12/31/14 PUBLIC WORKS DIRECTOR
THIS PLAN IS SIGNED BY THE PUBLIC WORKS DEPARTMENT FOR CONCEPT AND ADHERENCE TO CITY STANDARDS AND REQUIREMENTS ONLY. THE PUBLIC WORKS DEPARTMENT IS NOT RESPONSIBLE FOR DESIGN, DESIGN ASSUMPTIONS OR ACCURACY.

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

ATTENTION IS DIRECTED TO THE POSSIBLE EXISTENCE OF UNDERGROUND FACILITIES NOT SHOWN OR IN A LOCATION DIFFERENT FROM THAT WHICH IS SHOWN ON THE PLANS OR IN THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL TAKE STEPS TO ASCERTAIN THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES PRIOR TO DOING WORK THAT MAY DAMAGE SUCH FACILITIES OR INTERFERE WITH THEIR SERVICE.

BEFORE EXCAVATING, THE CONTRACTOR SHALL VERIFY THE LOCATION OF UNDERGROUND UTILITIES BY CONTACTING UNDERGROUND UTILITIES SERVICE ALERT AT 1-(800)-227-2600.

APN: 099-06-066-10

SEWER IMPROVEMENT PLAN
10261 CENTRAL AVENUE
GARDEN GROVE, CA

DRAWING NUMBER
W-561
SHEET 1 OF 2