

NOTICE TO CONTRACTORS

- ALL WORK SHALL CONFORM TO LATEST EDITION OF THE "STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION," ADOPTED BY THE CITY AS MODIFIED BY STANDARD PLANS.
- THE EXISTENCE AND LOCATION OF UTILITY LINES SHOWN HEREON ARE OBTAINED BY SEARCH OF AVAILABLE RECORDS. OTHER UTILITY LINES MAY EXIST. CONTRACTOR SHALL VERIFY PRIOR TO START OF CONSTRUCTION AND SHALL USE EXTREME CARE PROTECTIVE MEASURES TO PREVENT DAMAGE TO THE SAME. HE IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY LINES, VALVES, METERS, TRAFFIC SIGNAL CONDUIT, & DETECTOR LOOPS, ETC., WITHIN LIMITS OF WORK WHETHER THEY ARE SHOWN OR NOT.
- AT LEAST TWO WORKING DAY PRIOR TO STARTING WORK NOTIFY UNDERGROUND SERVICE ALERT (1-800-422-4133).
- INDEMNIFICATION CLAUSE—CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- ALL WORK AREA AND STREET TRAFFIC CONTROL SHALL BE PER LATEST EDITION MUTCD (CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) UNLESS OTHERWISE SPECIFIED.
- ALL PAVEMENTS, CURBS, GUTTERS, SIDEWALKS, DRIVEWAYS AND OTHER EXISTING IMPROVEMENTS TO BE RECONSTRUCTED SHALL BE RECONSTRUCTED PER CITY IMPROVEMENT STANDARDS.
- PRIOR TO THE BEGINNING OF ANY EXCAVATION AND THROUGHOUT THE COURSE OF CONSTRUCTION WORK THE CONTRACTOR SHALL COMPLY WITH THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH OF 1973 INCLUDING ALL REVISIONS AND AMENDMENTS THERETO.
- THE CONTRACTOR SHALL HAVE COPIES OF THE PLANS ON THE PROJECT SITE AND BE FAMILIAR WITH ALL APPLICABLE STANDARDS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING ABOVE OR BELOW GROUND IMPROVEMENT, AS A RESULT OF HIS REPLACEMENT OF SAME TO THE SATISFACTION OF THE CITY.
- ALL BACKFILL EXCAVATION SHALL BE SAW CUT TO FACILITATE REMOVAL BY THE USE OF A POWER DRIVEN SAW. THE CUT SHALL BE STRAIGHT, CLEAN, AND TO THE FULL DEPTH OF THE SECTION OF MATERIAL TO BE REMOVED.
- EXISTING PORTLAND CEMENT CONCRETE SHALL BE SAW CUT TO FACILITATE REMOVAL BY THE USE OF A POWER DRIVEN SAW. THE DEPTH OF THE CUT SHALL BE DEEP ENOUGH TO PRODUCE A CLEAN STRAIGHT BREAK WITHOUT CRACKING, CHIPPING, LOSING ADJACENT PCC. THE EXISTING PCC SHALL BE CUT BEYOND THE CONFIGURATION OF THE TRENCH OR EXCAVATION AREA AS MAY BE REQUIRED BY THE PUBLIC WORKS INSPECTOR TO ELIMINATE SMALL "FLOATING" PIECES OF CONCRETE. CONCRETE PANELS SHALL BE REMOVED OR REPLACED FROM SCORE LINE TO SCORE LINE (ENTIRE PANEL). PCC IS DAMAGED OR CRACKED, IN GENERAL, THE REPLACEMENT, IN ADDITION, THE SAW CUT LIMITS SHALL BE LOCATED NO CLOSER THAN 3 FEET FROM A SCORE LINE OR COLD JOINT. MIN. PCC REMOVAL IS 25 SQUARE FEET, SCORE LINE TO SCORE LINE.

- UNLESS OTHERWISE NOTED: 3" CONDUIT BENDS SHALL HAVE A RADIUS OF 3'. 2" CONDUIT BENDS SHALL HAVE A RADIUS OF 2'. PLACE 2 SACK SLURRY MIX AROUND ALL CONDUIT BENDS HAVING A RADIUS OF LESS THAN 50'.
- ALL CONDUIT SHALL BE DB 12. UNLESS OTHERWISE SPECIFIED. ALL SWEEPS TO POLES SHALL BE SCHEDULE 80.
- REMOVE AND REPLACE CURB AND CUTTER ABOVE SWEEPS TO VAULTS IN THE SIDEWALK, OR BORE UNDER CURB AND CUTTER. JETTING IS NOT ALLOWED.
- THE CONTRACTOR SHALL NOTIFY THE APPLICABLE DEPARTMENTS OF THE CITY AT LEAST TWO DAYS BEFORE START OF THE WORK. DURING THE COURSE OF WORK, THE CONTRACTOR SHALL CALL FOR INSPECTION OF ALL APPLICABLE WORK.
- ALL SHRUBS, PLANTS, OR TREES THAT HAVE BEEN DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK SHALL BE REPLANTED OR REPLACED PER CITY ENGINEER'S DIRECTION.
- DURING THE COURSE OF THE WORK, PEDESTRIANS AND VEHICULAR ACCESS MUST BE MAINTAINED AT ALL TIMES.
- NON-SKID CALTRANS APPROVED STEEL PLATES SHALL BE RECESSED IN TRENCH CROSSING MAJOR STREETS (AREA DESIGNATED BY THE CITY ENGINEER) AND INSTALLED PER CALTRANS SPECS. PAVEMENT SHALL BE COLD PLANKED TO A DEPTH EQUAL TO THE THICKNESS OF THE PLATE AND TO THE WIDTH A WIDTH AND LENGTH EQUAL TO THE DIMENSIONS OF THE PLATES.
- STEEL PLATES USED FOR BRIDGING MUST EXTEND A MINIMUM OF 12" BEYOND EDGES OF TRENCH.
- TEMPORARY PAVING WITH COLD MIX SHALL BE USED TO FEATHER THE EDGES OF THE PLATES TO MINIMIZE WHEEL IMPACT. CONTRACTOR MAY BE REQUIRED TO WELD PLATES TOGETHER TO MINIMIZE BATTING. CONTRACTOR MAY BE REQUIRED TO SWEEP UP LOOSE GRAVEL SEVERAL TIMES PER DAY AS DEEMED NECESSARY BY CITY ENGINEER.
- BRIDGING SHALL BE SECURED AGAINST DISPLACEMENT USING ADJUSTABLE CLEATES, SHIMS OR OTHER DEVICES.
- RESTORE ALL LANDSCAPING, INCLUDING IRRIGATION SYSTEM AROUND VAULTS.
- INSTALL VAULTS NEXT TO CURB WHERE POSSIBLE.
- NEW PAVEMENT THICKNESS SHALL BE EXISTING PLUS ONE INCH. USE T-SECTION CUT (ADD 6 INCH CUT ON EACH SIDE OF TRENCH WIDTH). TOP 2" WEARING SURFACE SHALL BE A.C. C2-1/2" PG 64-10, AND BASE PAVEMENT SHALL BE A.C. 8-AR-4000.
- TACK COAT SHALL BE APPLIED OVER ROADWAY SURFACE PRIOR TO PAVEMENT INSTALLATION. TACK COAT SHALL BE AR-4000 HOT TACK EMULSIFIED ASPHALT PER "GREEN BOOK" REQUIREMENTS.
- ONE SACK SLURRY MIX SHALL BE USED FOR BACKFILL. ALL SLURRY BACKFILLS WILL REQUIRE 72 HOURS OF CURE TIME. ALL EXCAVATION.

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS:

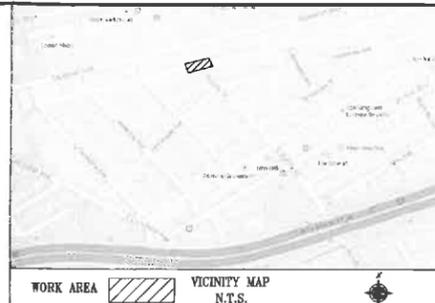
THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS DONE BY THE CONTRACTOR ON USA, AND TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO POT HOLE THE EXISTING UTILITIES AND VISUALLY LOCATE THE LINE OR STRUCTURE WHILE PERFORMING THE JACK AND BORE OPERATION AND IS RESPONSIBLE FOR THE PROTECTION AND ANY DAMAGE TO THESE LINES OR STRUCTURES.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITION DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORK HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD HARMLESS THE PRIVATE ENGINEER FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

THE CONTRACTOR SHALL BE RESPONSIBLE TO REPORT DISCREPANCIES IN PLANS AND/OR FIELD CONDITIONS IMMEDIATELY TO THE DESIGN ENGINEER FOR RESOLUTION PRIOR TO CONSTRUCTION, AND SHALL BE RESPONSIBLE FOR DISCREPANCIES NOT SO REPORTED AND RESOLVED.

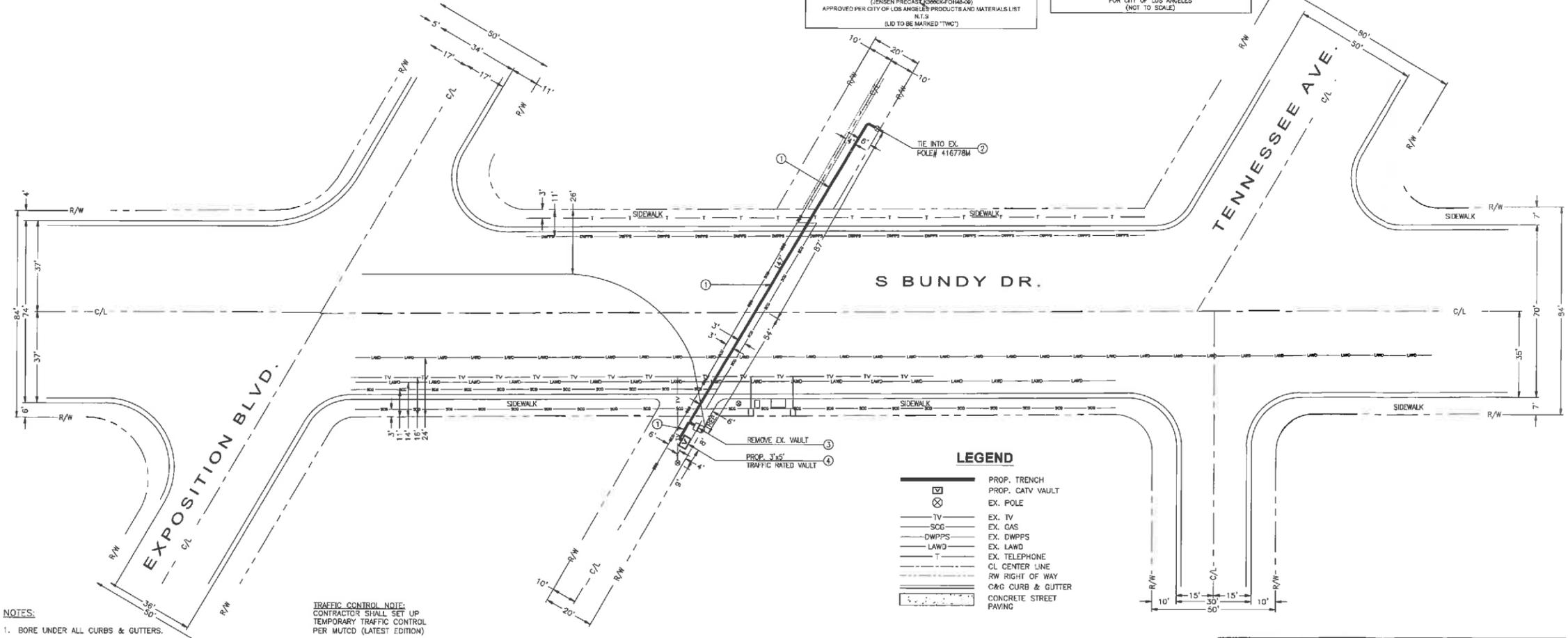
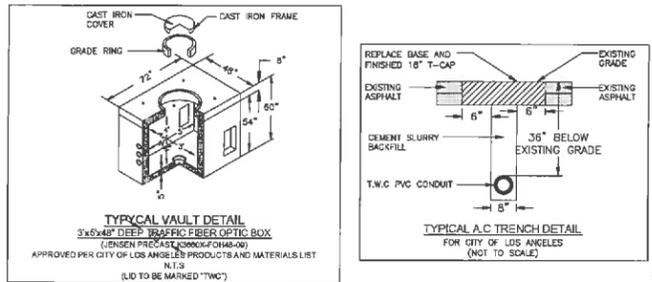
CONTRACTOR TO POT HOLE FOR EXIST. DEPTH OF UTILITIES CONDUIT PRIOR TO START OF CONSTRUCTION.

CONTRACTOR TO REMOVE & REPLACE DAMAGED CONCRETE MATCH EXISTING LANDSCAPE TO THE SATISFACTION OF THE CITY RESIDENT ENGINEER.



CONSTRUCTION NOTES:

- OPEN TRENCH TO PLACE 2-4" PVC (SCH-40) CONDUIT FOR FIBER OPTIC CABLE INSTALLATION. SEE LEFT FOR DETAIL 161 L.F.
- TE INTO EXISTING POLE (RISER LOCATION & SIZE PER MAKE-READY) 1 EA.
- REMOVE EXISTING TWC CATV VAULT (HAND DIG ONLY) 1 EA.
- PLACE 3'x3' TRAFFIC RATED VAULT (HAND DIG ONLY) 1 EA.



- NOTES:**
- BORE UNDER ALL CURBS & GUTTERS.
 - EXISTING TV VAULTS ARE TO REMAIN IN PLACE.
 - ALL NEW VAULTS ARE TO BE PLACED 4' FROM CURB FACE & 5' MINIMUM FROM POLES.
 - USE 1 SACK SLURRY IN STREETS. USE NATIVE SOIL IN PKWY.
 - ALL CONDUITS SHALL BE SCH-40 UNLESS OTHERWISE SPECIFIED, ALL SWEEPS TO POLES SHALL BE SCH-80.

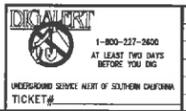
TRAFFIC CONTROL NOTE:
CONTRACTOR SHALL SET UP TEMPORARY TRAFFIC CONTROL PER MUTCD (LATEST EDITION)

LEGEND

- ☒ PROP. TRENCH
- ☒ PROP. CATV VAULT
- ⊗ EX. POLE
- TV
- SCG
- EX. TV
- EX. GAS
- DWPPS
- EX. DWPPS
- LAWD
- EX. LAWD
- T
- EX. TELEPHONE
- CL CENTER LINE
- RW RIGHT OF WAY
- C&G CURB & CUTTER
- CONCRETE STREET PAVING



SCALE 1"=20'



CADAstral MAP #	123b149
DRAINAGE MAP #	dmag-520-4-16
PLANS & PROFILES #	D-499
SEWER INDEX #	D-10227
SUBSTRUCTURES MAP #	SUB-B13
THOMAS GUIDE PG-GRID #	632-A7

DRAWN BY:	IES
FIELD BY:	IES
JOB SQ. FT.	---
STREET TYPE	LOCAL STREET
TEL. NO:	(951) 277-0800
E-MAIL:	asantana@inland-engineering.com

REVISIONS	
	UTILITY NUMBER: 6874

CITY OF LOS ANGELES

4160 TEMESCAL CANYON RD. SUITE 206, CORONA, CA 92683
TEL: 951.277.9800 FAX: 951.277.5300

SHEET 01 OF 01	
ADDRESS/TITLE: S BUNDY DR. E/O EXPOSITION BLVD LOS ANGELES, CA. 90064	
EXCAVATION	PROJECT: PR 2 PH 1 SITE 1