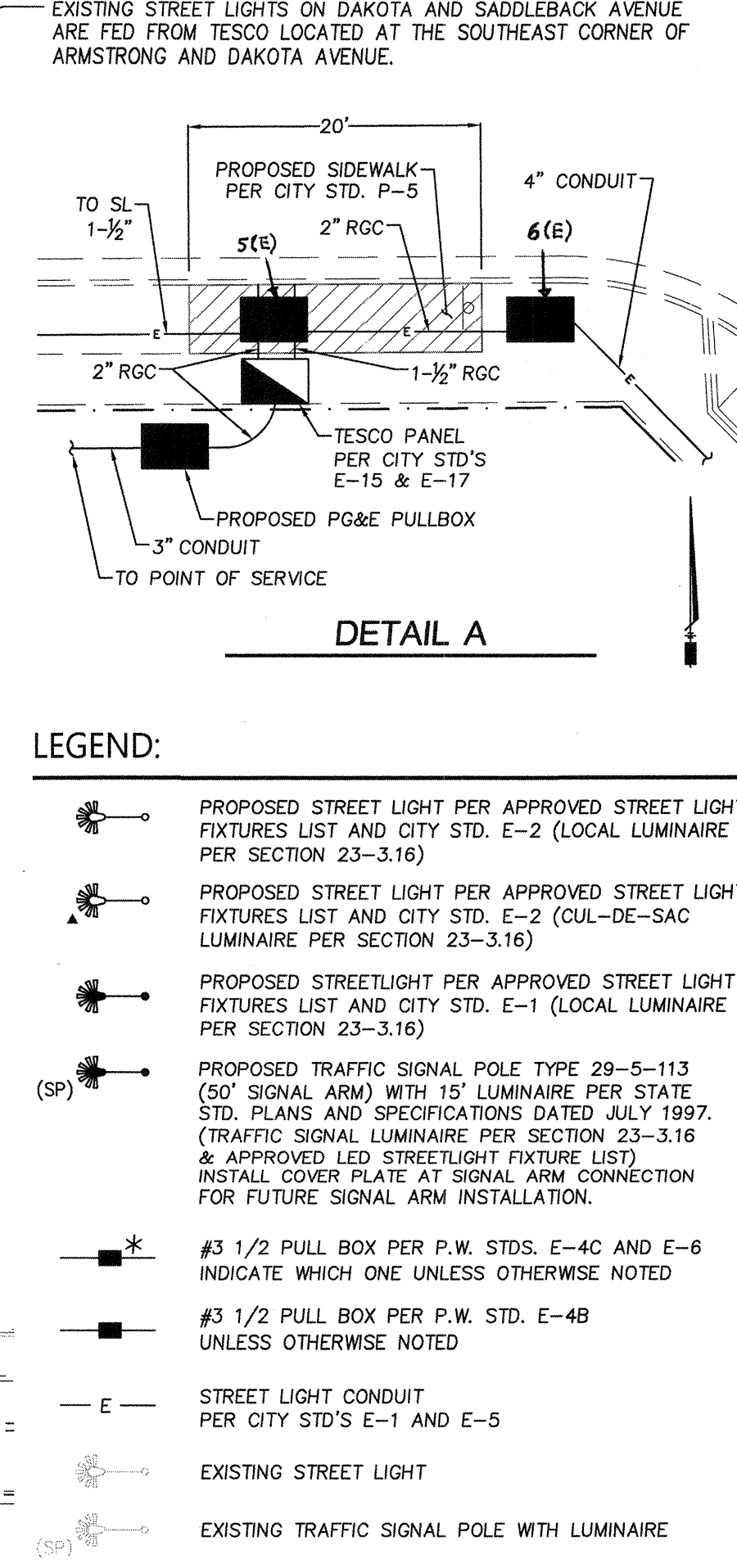
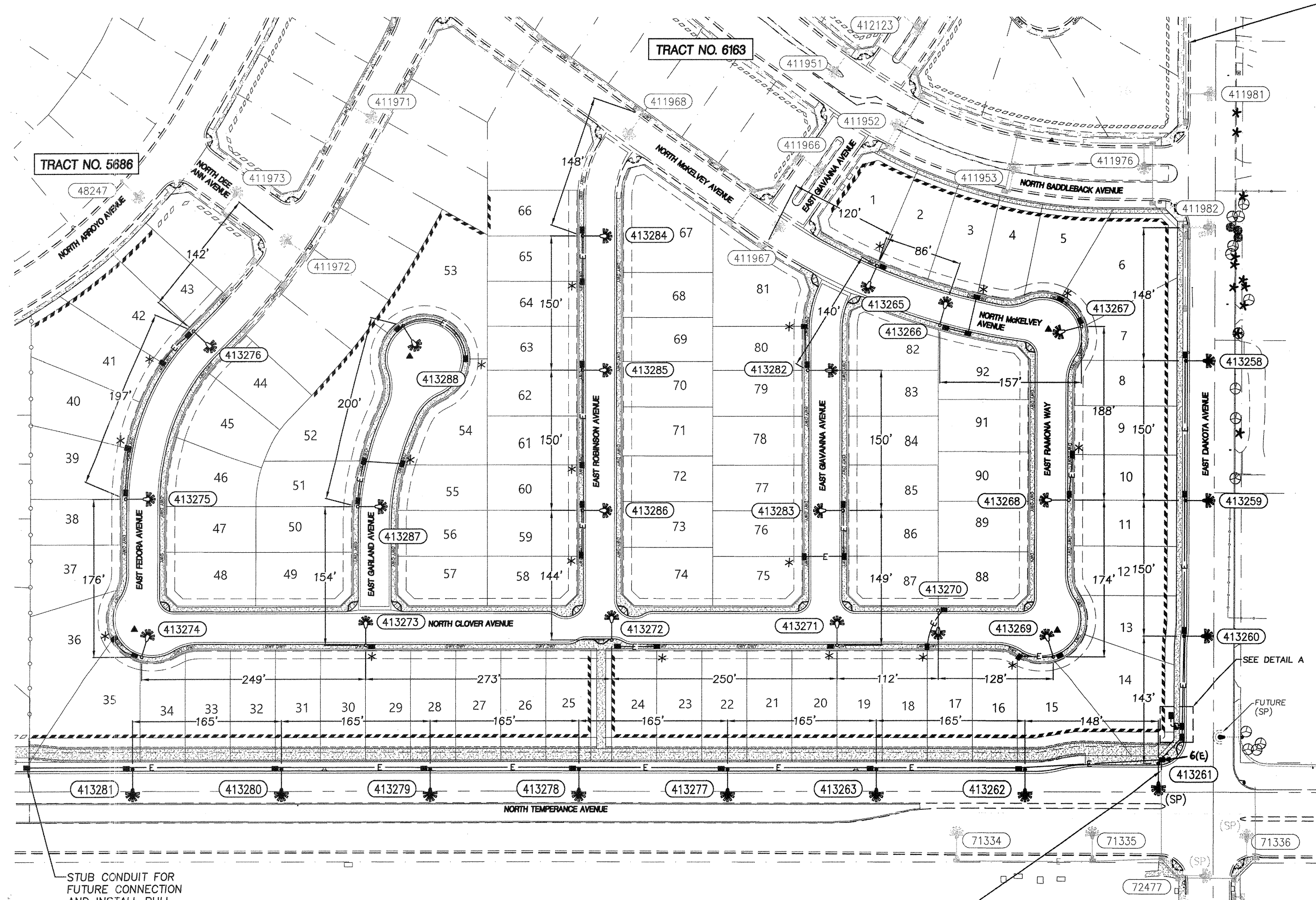


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- LEGEND:**
- PROPOSED STREET LIGHT PER APPROVED STREET LIGHT FIXTURES LIST AND CITY STD. E-2 (LOCAL LUMINAIRE PER SECTION 23-3.16)
 - PROPOSED STREET LIGHT PER APPROVED STREET LIGHT FIXTURES LIST AND CITY STD. E-2 (CUL-DE-SAC LUMINAIRE PER SECTION 23-3.16)
 - PROPOSED STREETLIGHT PER APPROVED STREET LIGHT FIXTURES LIST AND CITY STD. E-1 (LOCAL LUMINAIRE PER SECTION 23-3.16)
 - PROPOSED TRAFFIC SIGNAL POLE TYPE 29-5-113 (50' SIGNAL ARM) WITH 15' LUMINAIRE PER STATE STD. PLANS AND SPECIFICATIONS DATED JULY 1997. (TRAFFIC SIGNAL LUMINAIRE PER SECTION 23-3.16 & APPROVED LED STREETLIGHT FIXTURE LIST) INSTALL COVER PLATE AT SIGNAL ARM CONNECTION FOR FUTURE SIGNAL ARM INSTALLATION.
 - #3 1/2 PULL BOX PER P.W. STDS. E-4C AND E-6 INDICATE WHICH ONE UNLESS OTHERWISE NOTED
 - #3 1/2 PULL BOX PER P.W. STD. E-4B UNLESS OTHERWISE NOTED
 - STREET LIGHT CONDUIT PER CITY STD'S E-1 AND E-5
 - EXISTING STREET LIGHT
 - EXISTING TRAFFIC SIGNAL POLE WITH LUMINAIRE
 - EXISTING STREET LIGHT CONDUIT

NOTE: INSTALL SHORTING CAPS ON ALL STREET LIGHTS ON TEMPERANCE AND DAKOTA AVENUES WHICH ARE CONNECTED TO TESCO LOCATED AT NORTHEAST CORNER OF TEMPERANCE AND DAKOTA AVENUES.

GENERAL NOTES:

ALL WORK SHALL CONFORM TO APPLICABLE SECTIONS OF THE STATE OF CALIFORNIA "STANDARD SPECIFICATIONS", ISSUED BY THE CALIFORNIA DEPARTMENT OF TRANSPORTATION, THE NATIONAL ELECTRICAL CODE, AND THESE SPECIAL PROVISIONS:

LUMINAIRE SHALL BE COBRA HEAD TYPE, 120V LIGHT EMITTING DIODE (LED) WITH QUICK ACTING PHOTOELECTRIC CELL AND SHALL BE SELECTED PURSUANT TO SECTION 23-3 OF THE CITY SPECIFICATIONS. INSTALL FUSE (KTK-5) AND FUSE HOLDER (BUS-HEB) IN LUMINAIRE. CONTRACTOR TO WELD HAND HOLD CLOSED AFTER FINAL INSPECTION.

ALL CONDUITS SHALL BE SCH. 80 P.V.C., OR SCH. 40 P.V.C., AS PER STD. DWG. NOS. E-1, E-2, AND E-6 (NOTE 1), EXCEPT THAT CONDUIT FOR MAJOR STREET CROSSINGS SHALL BE GALVANIZED RIGID CONDUIT. ALL PVC CONDUIT SHALL BE UNDER SIDEWALK. IF NOT UNDER SIDEWALK, GALVANIZED RIGID CONDUIT SHALL BE BACKFILLED IN A 4" WIDE TWO SACK CONCRETE SLURRY MIX.

PULL BOX SPACING SHALL NOT EXCEED 200 FT. PULL BOXES SHALL BE REQUIRED AT ALL CONDUIT CHANGE OF DIRECTION AND ADJACENT TO EACH STREETLIGHT. INSTALL 6" 6 SACK CONCRETE CAP AND CLEAN PEA GRAVEL. STAMP THE LETTERS "SL" 2-1/2" TALL INTO THE FINISHED CONCRETE USING A STAMP DESIGNED FOR THAT PURPOSE. "POINT OF SERVICE" PULL BOX LID SHALL BE VANDAL RESISTANT LOCKING LIDS OR APPROVED EQUIVALENT WITH NO CONCRETE OR PEA GRAVEL. VANDAL RESISTANT LOCKING LIDS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AT FINAL INSPECTION. CONTRACTOR SHALL PROVIDE TEMPORARY LID DURING CONSTRUCTION. LOCKING LIDS SHALL BE GALVANIZED STEEL DIAMOND PLATE, MINIMUM THICKNESS 3/16", WITH TWO (2) CLAMPING JAWS AND BE KEYPED TO THE CITY OF FRESNO KEY. PULL BOXES IN NON-CONCRETE AREAS SHALL BE SURROUNDED BY A ONE-FOOT RING OF CONCRETE TO THE DEPTH OF THE PULL BOX AND EXTENSION, AND ALL CONDUITS SHALL ENTER THESE PULL BOXES THROUGH THE BOTTOM, USING 90 DEGREE ELBOWS, AND SHALL EXTEND 3 TO 5 INCHES ABOVE THE FINISHED GROUT.

IF THE SERVICE PEDESTAL IS EQUIPPED WITH A LIGHTING CONTACTOR AND NO MASTER PHOTO CONTROL IS INSTALLED, THE CONTRACTOR SHALL INSTALL A MASTER PHOTO CONTROL ATOP A 30' TALL SIGNAL POLE ADJACENT TO THE SERVICE PEDESTAL, OR ATOP THE NEAREST STREETLIGHT POLE. THE MASTER PHOTO CONTROL SHALL BE WIRED BACK TO THE SERVICE PEDESTAL USING THREE NO. 12 AWG STRANDED COPPER WIRES COLOR MATCHED TO THE PEC. THE PEC WILL BE MOUNTED USING HARDWARE MANUFACTURED FOR THAT PURPOSE, OR FABRICATED HARDWARE APPROVED BY THE TSSL SUPERVISOR. IF THE PEDESTAL IS NOT EQUIPPED WITH A LIGHTING CONTACTOR THE CONTRACTOR SHALL UPGRADE THE PEDESTAL TO MEET THE LATEST C.O.F. STANDARDS.

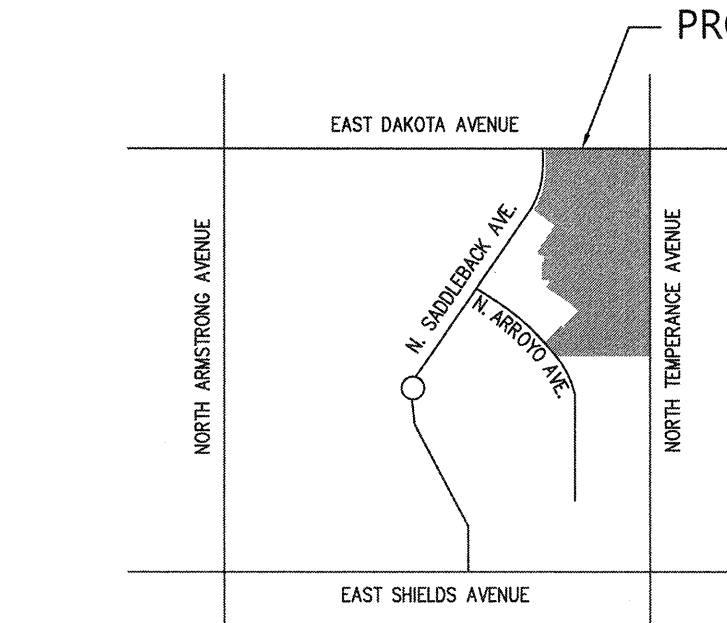
ALL STREETLIGHTS AND SAFETY LIGHTS FED FROM A PEDESTAL EQUIPPED WITH A CONTACTOR SHALL BE SWITCHED BY THAT CONTACTOR, AND THEIR PEC'S REPLACED WITH SHORTING CAPS.

ALL WORK SHALL COMPLY WITH CITY OF FRESNO STANDARD DRAWINGS NOS. E-1 THROUGH E-36, AND CITY OF FRESNO STANDARD SPECIFICATIONS.

| TRAFFIC ENGINEERING | |
|---------------------|-------------------|
| PLAN REVIEW FEE | 263 ⁰⁰ |
| STREET LIGHTS = 30 | |
| CM# PWT-7463 | 263 ⁰⁰ |
| | AMOUNT DUE |

STREETLIGHT PLAN

VICINITY MAP:



UNDERGROUND SERVICE ALERT



Know what's below.
Call before you dig.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO 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 BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

SPECIAL NOTE:

WHERE UNDERGROUND AND SURFACE STRUCTURES ARE SHOWN ON THE PLANS, THE LOCATIONS, DEPTH AND DIMENSIONS OF STRUCTURES ARE BELIEVED TO BE REASONABLY CORRECT, BUT ARE NOT GUARANTEED. SUCH STRUCTURES ARE SHOWN FOR THE INFORMATION OF THE CONTRACTOR, BUT INFORMATION SO GIVEN IS NOT TO BE CONSTRUED AS A REPRESENTATION THAT SUCH STRUCTURES WILL, IN ALL CASES, BE FOUND WHERE SHOWN, OR THAT THEY REPRESENT ALL OF THE STRUCTURES WHICH MAY BE ENCOUNTERED.

CONTRACTOR SHALL NOTIFY "USA" (UNDERGROUND SERVICE ALERT) AT 811, TWO WORKING DAYS BEFORE COMMENCING EXCAVATION AND ALL UTILITY AUTHORITIES OR UTILITY COMPANIES HAVING POSSIBLE INTEREST IN THE WORK, OF CONTRACTOR'S INTENTION TO EXCAVATE PROXIMATE TO EXISTING FACILITIES, AND CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITIES WITHIN THE WORK AREA.

PREPARED BY:

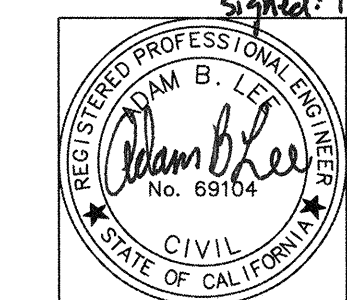
YAMABE & HORN ENG.
2985 NORTH BURL AVE. SUITE 101
FRESNO, CA 93727
PH. (559) 244-3123
FAX. (559) 224-3120

PREPARED FOR:

LENNAR HOMES OF CALIFORNIA
8080 NORTH PALM AVENUE, SUITE 101
FRESNO, CA 93711
PH. (559) 435-7448

CONSTRUCTION NOTES:

- DO NOT LOCATE THE PULL BOXES ABOVE THE JOINT TRENCH, OR IN WHEELCHAIR RAMPS.
- CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.), BY CALLING 811, TWO WORKING DAYS PRIOR TO EXCAVATION.
- POS AND POC LOCATION(S) PER PG&E ELECTRICAL CONSTRUCTION DRAWING PM: 31389728.
- APPROVE STREET LIGHT FIXTURES LIST AVAILABLE FOR DOWNLOAD AT: WWW.FRESNO.GOV/STANDARDS



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| PW File No. | 12319 |
| Proj. ID. | |
| Fund. | |
| Org. | |
| Ref. & Rev. | |

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| CITY OF FRESNO | | Department of Public Works | |
| Reviewed: | <i>JWM</i> | City Eng. | |
| Office Eng. | | Sheet No. | 1 |
| Dr. By: | LM | of | 1 |
| Ch. By: | | Scale: | As Noted |
| Date: | | | 4-C-1533 |

Adam B. Lee 12-07-2018
ADAM B. LEE, P.E.

REVIEWED: *[Signature]* 12-13-2018
CITY TRAFFIC SIGNAL AND STREET LIGHT SUPERVISOR

REVIEWED: *[Signature]* 12/19/2018
CITY TRAFFIC ENGINEERING

LENNAR PROPERTY
TRACT 6216
STREETLIGHT PLAN