NOTES

1. Approval of these plans by the City Engineer does not authorize any work to be performed until a permit has been issued.

2. Upon issuance of a permit, no work will be permitted on weekends or holidays unless approved by a Traffic Control Permit from the Development Services Department.

3. The approval of this plan or issuance of a permit by the City of San Diego does not authorize the permit holder or owner to violate any Federal, State, or City Laws, Ordinances, Regulations, or Policies.

4. Important Notice: Section 4216 of the Government Code requires a Dig Alert Identification Number issued before a "Permit to Excavate" will be valid. For your Dig Alert I.D. number, call Underground Service Alert, Toll Free (800) 422-4133. Two days before you dig.

5. Contractor shall be responsible for potholing and locating all existing utilities that cross the proposed trench line while maintaining the following clearances, unless otherwise specified on plans.

6. "Public Improvement Subject to Desuetude or Damage." If repair or replacement of such public improvements is required, contractor shall maintain a 10 feet horizontal separation, satisfactory to the permit issuing authority.

7. Deviations from these signed plans will not be allowed unless a construction change is approved by the City Engineer or the change is authorized by the resident engineer as a field change.

8. Contractor shall replace or repair all traffic signal loops, conduits, and lane striping damaged during construction.

9. Prior to site disturbance, Contractor shall make arrangements for a pre-construction meeting with the City of San Diego, Construction Management and Field Services Division (858) 627-3200.

10. Contractor shall only perform site survey and utility mark-out services prior to the pre-construction meeting.

11. Contractor shall implement an erosion control program during the project construction activities. The program shall comply with all applicable requirements of the State Water Resource Control Board.

12. Contractor shall have emergency material and equipment on hand for unforeseen situations, such as damage to underground water, sewer, and storm drain facilities where flow may generate erosion and sediment pollution.

13. Manholes and pull box covers shall be labeled with the "name of company." 

14. Contractor shall maintain the following clearances from existing utilities, unless otherwise specified on plans:

   - Water Main: Maintain a 5 feet minimum horizontal separation
   - Sewer Main: Maintain a 10 feet horizontal separation
   - Storm Drain: Maintain a 5 feet minimum horizontal separation
   - Maintain a 1 foot vertical separation when crossing mains and storm drains

   Any deviation from clearance notes above must have prior approval from the City Engineer.

   Any City Utilities crossing propose lines shall not be encased in slurry, if encountered City Utility shall be sleeved with a split duct.

15. For inspection, please call (858) 627-3200 24 hours prior to starting any work.

VIGNETY MAP

SPECIFICATIONS/STANDARD DRAWINGS

All work shall be done in accordance with this plan, the standard specifications for public works construction, and the City of San Diego standard drawings, as last amended.

LEGEND

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>STANDARD DRAWING</th>
<th>SYMBOL</th>
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SHEET INDEX

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<thead>
<tr>
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<tbody>
<tr>
<td>1</td>
<td>TITLE SHEET</td>
</tr>
<tr>
<td>2</td>
<td>MONUMENT PRESERVATION CERTIFICATION</td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
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Please fill out sheet index with applicable sheets

Sheet 1 of ___

The following information is to be provided by the Water and Sewer Development Review Section of Development Services Department: Enter this information into I.O.S.

WATER AND SEWER SECTION REVIEWER NAME: ______________________ DATE: ______________________

PREPARED FOR: ______________________ PREPARED BY: ______________________

ADDRESS/PHONE: ______________________ ADDRESS/PHONE: ______________________

PERMIT NUMBER: ______________________

This information is available in alternative formats for persons with disabilities.

DS-3179 (1/1/2019)
MONUMENT PRESERVATION CERTIFICATION

THE PERMITTEE SHALL BE RESPONSIBLE FOR THE COST OF REPLACING ALL SURVEY MONUMENTS DESTROYED BY CONSTRUCTION. IF A VERTICAL CONTROL MONUMENT IS TO BE DISTURBED OR DESTROYED, THE CITY OF SAN DIEGO FIELD SURVEY SECTION SHALL BE NOTIFIED IN WRITING AT LEAST 7 DAYS PRIOR TO DEMOLITION/CONSTRUCTION.

☐ THE TYPE OF CONSTRUCTION WILL NOT AFFECT ANY SURVEY MONUMENTS (THIS LINE IS FOR PROJECTS THAT ARE PROPOSING NO DEMOLITION, TRENCHING, ASSOCIATED WITH A CIP, ETC)

NAME ___________________________ DATE __________________

PRIOR TO PERMIT ISSUANCE, THE PERMITTEE SHALL RETAIN THE SERVICE OF A PROFESSIONAL LAND SURVEYOR OR CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING WHO WILL BE RESPONSIBLE FOR MONUMENT PRESERVATION AND SHALL PROVIDE A CORNER RECORD OR RECORD OF SURVEY TO THE COUNTY SURVEYOR AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT, IF APPLICABLE (SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE OF THE STATE OF CALIFORNIA)

I HAVE INSPECTED THE SITE AND DETERMINED THAT:

☐ NO SURVEY MONUMENTS WERE FOUND WITHIN THE LIMITS OF WORK
☐ SURVEY MONUMENTS EXISTING IN OR NEAR LIMITS OF WORK WILL BE PROTECTED IN PLACE
☐ SURVEY MONUMENTS HAVE BEEN TIED OUT AND A FINAL OR PARCEL MAP WILL BE FILED
☐ NO CORNER RECORD OR RECORD OF SURVEY WILL BE REQUIRED
☐ OTHER AGENCY SURVEY MONUMENT (CORNER RECORD OR RECORD OF SURVEY MAY NOT BE REQUIRED)
☐ A PRE-CONSTRUCTION CORNER RECORD (OR RECORD OF SURVEY) FOR SURVEY MONUMENTS FOUND WITHIN THE LIMITS OF WORK HAS BEEN FILED

CORNER RECORD #______________ OR RECORD OF SURVEY #______________

NAME ___________________________ P.L.S. / R.C.E. NO. XXXXX DATE ________________ EXP. XX-XX-XX

POST CONSTRUCTION CORNER RECORD (AS-BUILT ITEM)

☐ POST CONSTRUCTION CORNER RECORD FOR SURVEY MONUMENTS DESTROYED DURING CONSTRUCTION AND REPLACED AFTER CONSTRUCTION

CORNER RECORD #______________ OR RECORD OF SURVEY #______________

NAME ___________________________ P.L.S. / R.C.E. NO. XXXXX DATE ________________ EXP. XX-XX-XX

PREPARED FOR: ________________________________________________  PREPARED BY: ________________________________________________
NAME: ___________________________ ADDRESS/PHONE: ________________

PRINTED ON RECYCLED PAPER
THIS INFORMATION IS AVAILABLE IN ALTERNATIVE FORMATS FOR PERSONS WITH DISABILITIES.
## STREET EXCAVATION TABLE

<table>
<thead>
<tr>
<th>STREET NAME</th>
<th>INTERSECTING STREETS</th>
<th>STREET CLASSIFICATION (ARTERIAL, MAJOR, COLLECTOR, RESIDENTIAL)</th>
<th>UTILITY TYPE (WET OR DRY)</th>
<th>LATERAL OR MAIN</th>
<th>LAST STREET OVERLAY DATE</th>
<th>INFLUENCE AREA WIDTH (FT) PER SDMC 62.1208</th>
<th>TRENCH WIDTH (FT)</th>
<th>TRENCH LENGTH (FT)</th>
<th>STREET MORATORIUM (Y/N)</th>
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<tbody>
<tr>
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- NOTE: ALL TRENCHES GREATER THAN 6 INCHES WIDE AND 3 FEET DEEP, ON A STREET NOT UNDER MORATORIUM STREET, SHALL BE SLURRY SEALED FROM CURB TO CURB, OR RAISED MEDIAN, TO SATISFACTION OF CITY ENGINEER.

- IF MARKED YES UNDER STREET MORATORIUM, CONTINUE TO SHEET 3.

* EXCAVATION MORATORIUM (CHECK ONE):

  - [ ] LOCATION OF EXCAVATION IS NOT ON A MORATORIUM STREET
  - [ ] ___________ FROM ___________ TO ___________ IS A MORATORIUM STREET

  AS DEFINED IN MUNICIPAL CODE SECTION 62.1203 FOR: [ ] OVERLAY [ ] SLURRY

  MORATORIUM EXPIRES ON ___________ MORATORIUM IS WAIVED.

* RESURFACING REQUIREMENTS (CHECK ONE):

  - [ ] THE EXCAVATION IS IN THE DIRECTION OF TRAFFIC. THE EXCAVATOR SHALL RESURFACE THE ENTIRE EXCAVATION AREA PLUS THE EXCAVATION INFLUENCE AREA ON EACH END OF THE EXCAVATION AREA, AND THE ENTIRE WIDTH OF THE STREET FROM CURB TO CURB OR WHERE A RAISED MEDIAN IS PRESENT THE EXCAVATOR SHALL RESURFACE FROM CURB LINE TO RAISED MEDIAN

  - [ ] THE EXCAVATION IS PERPENDICULAR TO THE DIRECTION OF TRAFFIC. THE EXCAVATOR SHALL RESURFACE THE ENTIRE LENGTH OF EXCAVATION FROM CURB TO CURB OR FOR THE LENGTH OF THE EXCAVATION PLUS THE EXCAVATION INFLUENCE AREA EXTENDING ON EACH END OF THE EXCAVATION, WHICHEVER IS LESS. THE RESURFACING SHALL ALSO INCLUDE THE EXCAVATION AREA PLUS THE EXCAVATION INFLUENCE AREA ON EACH SIDE OF THE EXCAVATION AREA.

  - [ ] A RAISED MEDIAN IS PRESENT AND THE EXCAVATION IS PERPENDICULAR TO THE DIRECTION OF TRAFFIC. THE EXCAVATOR SHALL RESURFACE EITHER FROM THE RAISED MEDIAN TO THE CURB OR FOR THE LENGTH OF THE EXCAVATION PLUS THE EXCAVATION INFLUENCE AREA EXTENDING ON EACH END OF THE EXCAVATION, WHICHEVER IS LESS. THE RESURFACING SHALL ALSO INCLUDE THE EXCAVATION AREA PLUS THE EXCAVATION INFLUENCE AREA ON EACH SIDE OF THE EXCAVATION AREA.

### ADT COUNT

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</table>

* IF MORE THAN ONE STREET SEGMENT IS UNDER MORATORIUM, DUPLICATE STREET EXCERPTS PER EACH STREET UNDER STREET MORATORIUM.

**Sheet 3 of ___**

**Permit Number:**

---

*THIS INFORMATION IS AVAILABLE IN ALTERNATIVE FORMATS FOR PERSONS WITH DISABILITIES.*

DE-3179 (7/1/2018)
TRAFFIC CONTROL NOTES (NON FRANCHISE) *

1. VALIDATION: THE TRAFFIC CONTROL PLAN IS NOT VALID UNTIL WORK DATES AND WORK HOURS ARE APPROVED. THE CONTRACTOR SHALL SUBMIT TWO (2) REDUCED COPIES OF TRAFFIC CONTROL PLANS (11"x17") TO THE TRAFFIC CONTROL PERMIT COUNTER, 3RD FLOOR DEVELOPMENT SERVICES CENTER, 1222 FIRST AVENUE, SAN DIEGO. THE CONTRACTOR SHALL OBTAIN A TRAFFIC CONTROL PERMIT A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO STARTING WORK, AND A MINIMUM OF FIVE (5) DAYS IF WORK WILL AFFECT A BUS STOP OR AN EXISTING TRAFFIC SIGNAL, OR IF WORK WILL REQUIRE A ROAD OR ALLEY CLOSURE.

2. CONTRACTOR SHALL NOTIFY THE CITY TRAFFIC ENGINEER AT (858) 495-4741 A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ANY CONSTRUCTION WORK AFFECTING TRAFFIC SIGNALS.

3. STANDARDS: THE TRAFFIC CONTROL PLAN SHALL CONFORM TO THE MOST RECENT ADOPTED EDITION OF EACH OF THE FOLLOWING MANNALS:

   [DESCRIPTION | EDITION | DOCUMENT NO.]
   ---------------------------------
   STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "GREENBOOK") 2018
   CITY OF SAN DIEGO STANDARD DRAWINGS 2018
   CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL SERVICES (CA MUTCD) 2014
   ---------------------------------

4. NOTIFICATIONS: THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ANY EXCAVATION, CONSTRUCTION, OR TRAFFIC CONTROL AFFECTING THE AGENCIES LISTED BELOW:

   [AGENCY NAME | ADDRESS | PHONE | DATE]
   ---------------------------------
   FIRE DEPARTMENT DISPATCH (STREET OR ALLEY CLOSURE) (858) 573-1300
   POLICE DEPARTMENT TRAFFIC (STREET OR ALLEY CLOSURE) (619) 531-2000
   ENVIRONMENTAL SERVICES (REFUSE COLLECTION) (858) 492-5060
   STREET DIVISION/ELECTRICAL (TRAFFIC SIGNALS) (619) 527-7500
   METROPOLITAN TRANSIT SYSTEM (MTS) (BUS STOPS & STREET CLOSURES) (619) 238-0100 EXT. 6451
   METROPOLITAN TRANSIT SYSTEM (MTS) (TAXI ZONES) (619) 235-2644
   METROPOLITAN TRANSIT SYSTEM (MTS) (TROLLEY LINES) (619) 595-4900
   UNDERGROUND SERVICE ALERT (ANY EXCAVATION) (800) 442-6133
   U.S. NAVY (52ND ST NAVAL STATION) (619) 556-1319
   SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY (619) 400-2880
   ---------------------------------

THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND TENANTS A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO CLOSURE OF DRIVEWAYS. THE CONTRACTOR SHALL POST SIGNS NOTIFYING THE PUBLIC A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO CLOSURE OF STREETS.

THE CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGEMENT & FIELD SERVICES DIVISION AT (858) 627-3200 AND ARRANGE FOR INSPECTION A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO STARTING ANY WORK INVOLVING NIGHTTIME OR WEEKEND HOURS.

5. POSTING PARKING RESTRICTIONS: THE CONTRACTOR SHALL POST TOW-AWAY/NO PARKING SIGNS TWENTY-FOUR (24) HOURS IN ADVANCE OF PARKING REMOVAL. SIGNS SHALL INDICATE SPECIFIC DAYS, DATES AND TIMES OF RESTRICTIONS. PARKING METERS SHALL BE RANGED WHERE APPLICABLE.

6. EXCAVATIONS: EXCEPT WHEN OTHERWISE SHOWN ON THE PLANS, ALL TRENCHES SHALL BE BACKFILLED OR TRENCH-PLATED AT THE END OF EACH WORKDAY. AN ASHALT RAMP SHALL BE PLACED AROUND EACH TRENCH PLATE TO PREVENT THE PLATE FROM BEING DISLODGED. CONTRACTOR SHALL MONITOR TRENCH PLATES DURING NON-WORKING HOURS TO ENSURE THAT THEY DO NOT BECOME DISLODGED. UPON COMPLETION OF EXCAVATION BACKFILL, THE CONTRACTOR SHALL PROVIDE A SATISFACTORY SURFACE FOR TRAFFIC. WHEN CONSTRUCTION OPERATIONS ARE NOT ACTIVELY IN PROGRESS, THE CONTRACTOR SHALL MAINTAIN ALL TRAVEL LINES, BIKE LINES, AND PEDESTRIAN WALKWAYS IN THE RIGHT-OF-WAY EXCEPT WHEN OTHERWISE SHOWN ON THE PLANS.

7. COVERED PEDESTRIAN WALKWAY: THE CONTRACTOR SHALL CONTACT CITY RESIDENT ENGINEER AT (619) 627-3200 FOR INSPECTION OF ANY COVERED PEDESTRIAN WALKWAY DURING CONSTRUCTION OF SUCH WALKWAY.

8. RESTORATION OF ROADWAY: THE CONTRACTOR SHALL REPAIR OR REPLACE ALL EXISTING IMPROVEMENTS WITHIN THE RIGHT-OF-WAY NOT DESIGNATED FOR PERMANENT REMOVAL (TRAFFIC SIGNS, STRIPING, PAVEMENT MARKERS, PAVEMENT MARKINGS, LEGENDS, CURB MARKINGS, LOOP DETECTORS, TRAFFIC SIGNAL EQUIPMENT, ETC.) WHICH ARE DAMAGED OR REMOVED AS A RESULT OF OPERATIONS. REPAIRS AND REPLACEMENTS SHALL BE AT LEAST EQUAL TO EXISTING IMPROVEMENT.

9. PROVISION OF TEMPORARY TRAFFIC SIGNAL DETECTION: THE CONTRACTOR SHALL INSTALL CITY APPROVED TEMPORARY VIDEO OR RADAR DETECTION WHEN EXISTING TRAFFIC SIGNAL SYSTEMS ARE DAMAGED, DISABLED, OR BECOME INEFFECTIVE DUE TO CONSTRUCTION ACTIVITIES FOR A PERIOD OF FIVE (5) OR MORE DAYS, SATISFACTORY TO THE CITY ENGINEER. THE CONTRACTOR SHALL COMPLETELY REMOVE ALL TEMPORARY TRAFFIC SIGNAL DETECTION EQUIPMENT AND REPLACE/INSTALL A CITY APPROVED PERMANENT VEHICLE DETECTION SYSTEM UPON COMPLETION OF CONSTRUCTION, SATISFACTORY TO THE CITY ENGINEER.

10. CHANGE IN WORK: THE CITY ENGINEER RESERVES THE RIGHT TO OBSERVE THESE TRAFFIC CONTROL PLANS IN OPERATION AND TO MAKE ANY CHANGES AS FIELD CONDITIONS WARRANT. ANY CHANGES SHALL BE DOCUMENTED AND SUPERSIZED THESE PLANS.

TRAFFIC CONTROL NOTE (FRANCHISE UTILITY) *

THE FRANCHISE UTILITY SHALL SUBMIT A STREET/SIDEWALK BLOCKAGE FORM AND TRAFFIC CONTROL PLAN PER THE RESPECTIVE MEMORANDUM OF UNDERSTANDING A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO STARTING WORK, AND A MINIMUM OF FIVE (5) DAYS IF WORK WILL AFFECT A BUS STOP OR AN EXISTING TRAFFIC SIGNAL, OR IF WORK WILL REQUIRE A ROAD OR ALLEY CLOSURE. TRAFFIC CONTROL PLANS THAT INCLUDE MORE THAN 20 PAGES ARE RECOMMENDED TO BE SUBMITTED WITH THE PLANS.

* IF APPLICABLE

PREPARED FOR:
NAME:
ADDRESS/PHONE:

PREPARED BY:
NAME:
ADDRESS/PHONE:

BUSINESS LICENSE NUMBER:

PERMIT NUMBER:

THIS INFORMATION IS AVAILABLE IN ALTERNATIVE FORMATS FOR PERSONS WITH DISABILITIES.
TRAFFIC SIGNAL GENERAL NOTES *

1. PULL BOXES SHALL BE NO. 6, AND CONDUIT 3" UNLESS NOTED OTHERWISE. SOME RESPONSIBILITY FOR THEIR RESPECTIVE PORTIONS OF THE DEVELOPMENT.
2. LOCATION OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS AND VERIFY ALL CONDITIONS ON THE JOB SITE.
3. THE TRAFFIC SIGNAL CONTRACTOR SHALL OBTAIN A TRAFFIC CONTROL PLAN PERMIT FROM THE CITY OF SAN DIEGO PERMIT CENTER AT A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO START OF WORK.
4. ALL TRAFFIC SIGNAL POLE FOUNDATIONS SHALL HAVE A 3" CONDUIT INSTALLED TO THE ADJACENT PULL BOX AND THE CONTROLLER FOUNDATION SHALL HAVE A SPARE 3" CONDUIT INSTALLED TO THE ADJACENT PULL BOX FOR FUTURE USE.
5. THE TRAFFIC SIGNAL CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT AND INSTALLATION OF LOOP DETECTORS, TRAFFIC STRIPING, PAVEMENT MARKINGS, PARKING REMOVAL AND TRAFFIC SIGNING (EXCEPT "G" SERIES STREET NAME SIGNS) AS SHOWN ON THESE PLANS.
A. THE TRAFFIC SIGNAL CONTRACTOR SHALL OBTAIN THE APPROVAL OF CITY RESIDENT ENGINEER OF THE LOOP LOCATION PRIOR TO CUTTING AND THE STRIPING, PAVEMENT MARKING, PARKING REMOVAL AND SIGN LOCATIONS PRIOR TO PAINTING AND INSTALLATION.
B. AFTER APPROVAL OF LOCATION, THE TRAFFIC SIGNAL CONTRACTOR SHALL WAIT A MINIMUM OF FIFTEEN (15) WORKING DAYS BEFORE PERMANENTLY REMOVING ANY PARKING, SO THAT ADVANCE NOTICE TO ADJACENT PROPERTY OWNERS CAN BE MADE BY THE CITY.
C. THE TRAFFIC SIGNAL CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL UNNECESSARY AND CONFLICTING STRIPING AND PAVEMENT MARKING.
6. THE TRAFFIC SIGNAL CONTRACTOR SHALL NOT EFFECT ANY SIGNAL STANDARDS MORE THAN THREE (3) WEEKS PRIOR TO SCHEDULED TRAFFIC SIGNAL TURN ON.
7. CONTRACTOR SHALL PROVIDE ALL CABLING AND CONDUCTORS NECESSARY TO PERFORM ALL FUNCTIONS SHOWN ON THESE PLANS.
8. ALL POLES, CONDUIT, PULL BOXES, STRIPING AND LOOP DETECTOR LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE.
ACTUAL LOCATIONS SHALL BE DETERMINED BY FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND AS DIRECTED BY THE CITY OF SAN DIEGO.
9. ROUTING AND LOCATIONS OF UNDERGROUND ELECTRICAL SYSTEM IS DIAGRAMMATIC AND SUBJECT TO APPROVAL OF THE ENGINEER.
UNDERGROUND ELECTRICAL LINES AND SUBSURFACE STRUCTURES MAY BE RELOCATED IF NECESSARY TO CLEAR OTHER EXISTING UNDERGROUND FACILITIES.
10. ALL TREES AND SHRUBS SHALL BE TRIMMED OR REMOVED AS DETERMINED BY THE CITY RESIDENT ENGINEER AS REQUIRED TO MAINTAIN SIGNAL HEAD VISIBILITY AND SIGHT DISTANCE.
11. ALL VEHICLE SIGNAL HEADS SHALL BE 12" WITH BACKPLATES.
12. ALL SIGNAL AND PEDESTRIAN INDICATIONS SHALL BE LE.D.
13. ALL LOOPS TO BE TYPE "E" AS SHOWN ON THIS PLAN. LOOP DETECTORS SHALL BE 6" DIAMETER WITH 10" SPACING AND PLACED IN CENTER OF LANE UNLESS OTHERWISE SHOWN. SEE CALIFORNIA STANDARD PLAN SHEET ES-50, FOR DETECTOR LEGEND AND DETAILS. FRONT LOOPS SHALL BE REORDERED TYPE "E" LOOPS PER SDE-104.
14. PEDESTRIAN SIGNAL HEADS AND PUSH BUTTONS SHALL BE IDENTICAL SYMBOLS. PEDESTRIAN SIGNALS SHALL BE 16" X 16." I.E.D. COUNTERDOWNS INDICATIONS. PEDESTRIAN PUSH BUTTONS SHALL BE 2" PER ADA REQUIREMENTS.
15. PLACE TEXTURED HORIZONTAL YELLOW BAND 2 INCHES IN WIDTH ENCIRCLING THE POLE, AND A 1 INCH MIDE DARK BORDER BAND ABOVE AND BELOW THIS YELLOW BAND WHEN PRR ARE PLACED ON A TRAFFIC SIGNAL POLE. (PER CALIFORNIA BUILDING CODE 118-703.7.2.7).

TRAFFIC SIGNAL CONSTRUCTION NOTES *

1. CONSTRUCT FOUNDATION, FURNISH AND INSTALL TYPE 332 ALUMINUM CABINET, AND CONTROLLER ASSEMBLY PER CITY SPECIFICATIONS, WIRED FOR 8-PHASE CAPABILITY, AND INCLUDE ALL ACCESSORIES NECESSARY TO PROVIDE THE PHASING AND PERFORM ALL FUNCTIONS INDICATED ON THESE PLANS.
2. FURNISH AND INSTALL TYPE III SIGNAL AND LIGHTING SERVICE CABINET PER CITY OF SAN DIEGO AND SODCA REQUIREMENTS. PROVIDE 50A-1P CIRCUIT BREAKER FOR METERED TRAFFIC SIGNALS, 30A-1P CIRCUIT BREAKER FOR UNMETERED STREET LIGHTS. VERIFY SERVICE LOCATION AND LOCATIONS WITH SAN DIEGO GAS AND ELECTRIC CO.
3. INSTALL BI-DIRECTIONAL DUAL CHANNEL EMERGENCY VEHICLE PREEMPTION DETECTOR (E.V.P.E.) PER CITY OF SAN DIEGO REQUIREMENTS.
4. INSTALL SINGLE CHANNEL EMERGENCY VEHICLE PREEMPTION DETECTOR (E.V.P.E.) PER CITY OF SAN DIEGO REQUIREMENTS.
5. FURNISH AND INSTALL R... AND R... SETS.
6. INSTALL TYPE "A" WATER HOSE PER ES-50 WITH LOCKING COVER, NO SPRING IN HOSE.
7. REMOVE EXISTING STREET LIGHT LUMINARIES AND DELIVER TO CITY OF SAN DIEGO YARD AT 2781 CAMINITO CHOLLAS SAN DIEGO 92105. INSTALL TWO BOX OVER FOUNDATION AND SPLICE SERVICE CONDUCTORS IN BOX.
8. INSTALL PEDESTRIAN BARRIER PER CITY OF SAN DIEGO STANDARD DRAWINGS SDS-103.

* IF APPLICABLE
STRIPING AND SIGNING GENERAL NOTES *
1. INSTALLATION OF ALL STRIPING, SIGNS AND PAVEMENT MARKERS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. ALL STRIPING AND SIGNING SHALL CONFORM TO THE MOST RECENTLY ADOPTED EDITION OF THE FOLLOWING MANUALS:
   - STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "GREENBOOK")
     - WORKS CONSTRUCTION (THE "GREENBOOK") 2016 WPS010119-01
   - CITY OF SAN DIEGO STANDARD DRAWINGS 2018 PW010119-03
   - CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) 2014 PW0102816-07
3. ALL SIGNING AND STRIPING IS SUBJECT TO THE APPROVAL OF THE CITY ENGINEER PRIOR TO INSTALLATION AND/OR REMOVAL.
4. THE CONTRACTOR SHALL REMOVE ALL CONFLICTING STRIPING, PAVEMENT MARKINGS AND LEGENDS BY SANDBLASTING AND/OR GRINDING WITH THE SEAL. ANY DEBRIS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
5. SIGN POSTS SHALL BE INSTALLED WITH SQUARE PERFORATED STEEL TUBING WITH A BREAKAWAY BASE PER CITY OF SAN DIEGO STANDARD DRAWING M-45.
6. ALL RAISED MEDIAN NOSES SHALL BE PAINTED YELLOW.
7. ALL SIGNS SHOWN ON THE STRIPING AND SIGNING PLANS SHALL BE NEW SIGNS PROVIDED AND INSTALLED BY THE CONTRACTOR, EXCEPT FOR EXISTING SIGNS SPECIFICALLY INDICATED TO BE REPLACED OR TO REMAIN.
8. STRIPED CROSSWALKS SHALL HAVE AN INSIDE DIMENSION OF 10 FEET UNLESS INDICATED OTHERWISE.
9. ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS (EXCEPT WITHIN BIKE LANES) SHALL BE THERMOPLASTIC.
10. THE CONTRACTOR SHALL NOTIFY THE CITY TRAFFIC ENGINEER AT (619) 495-4741 A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO AND UPON COMPLETION OF STRIPING AND SIGNING.

STREET LIGHT NOTES *
1. ALL STREET LIGHT LUMINARIES SHALL CONFORM TO THE CITY OF SAN DIEGO:
   a. STREET DESIGN MANUAL, MARCH 2017
   b. STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, 2016
   c. APPROVED MATERIALS LIST, JUNE 2016
      - APPROVED MATERIALS LIST, JUNE 2016 (https://www.sandiego.gov/sites/default/files/approved_materials_list_-_lighting.pdf)
2. ALL STREET LIGHTING SHALL BE BROAD SPECTRUM LIGHT SOURCES NO GREATER THAN 4000K CORRELATED COLOR TEMPERATURE (CCT), EXCEPT FOR AREAS WITHIN A 35 MILE RADIUS OF MT. PALOMAR OBSERVATORY, WHICH ARE DESIGNATED FOR A MAXIMUM OF 3000K CCT PER COUNCIL RESOLUTION 306251.
3. STREET LIGHTING SHALL BE EQUIPPED WITH ADAPTIVE CONTROL NODES WHEREVER POSSIBLE.
4. MID-BLOCK STREET LIGHTING WITH FULLY SHIELDED LUMINARIES SHALL BE PROVIDED AT INTERVALS SET FORTH IN THE STREET DESIGN MANUAL.
5. NON-SIGNALIZED INTERSECTION STREET LIGHTING SHALL BE INSTALLED IN ACCORDANCE WITH TABLE 4-1 OF THE STREET DESIGN MANUAL.
6. STREET LIGHT SCHEDULE

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<th>STREET LIGHT #</th>
<th>STREET NAME</th>
<th>LOCATION REFERENCE**</th>
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<th>TYPE OF WORK LUMINARIES ITEM #</th>
<th>POLE TYPE/ITEM #</th>
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<tr>
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<td>@ Sample Dr</td>
<td>NEC</td>
<td>(N) 24</td>
<td>15</td>
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<tr>
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<td>Sample Blvd</td>
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<td>S</td>
<td>(RU) YM4</td>
<td>DB</td>
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<tr>
<td>3</td>
<td>Sample Rd</td>
<td>N/O Sample Pl, 45'</td>
<td>W</td>
<td>(U) T</td>
<td>P-T</td>
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** LOCATION REFERENCE FOR MID-BLOCK STREET LIGHTS: DISTANCE TO CENTERLINE OF NEAREST CROSS STREET.
*** TYPE OF WORK: NEW (N), UPGRADE (U), AND RELOCATE (R).
7. NATIONAL ELECTRICAL CODE (NEC) WIRE COLOR CODING SHALL BE USED FOR ALL ELECTRICAL WORK.
8. IMPROVEMENT PLANS SHALL SHOW AND LABEL ALL EXISTING AND PROPOSED STREET LIGHTS, PULL BOXES, AND SERVICE POINTS IN THE PROJECT INVENTORY.
9. ALL NEW STREET LIGHTS SHALL HAVE A PULL BOX ADJACENT TO THE POLE.
10. THE CONTRACTOR INSTALLING THE STREET LIGHTING DISTRIBUTION SYSTEM SHALL NOTIFY THE CITY FIELD ENGINEER AT (619) 627-3200 A MINIMUM OF THREE (3) DAYS PRIOR TO STARTING WORK. ALSO, A PRE-CONSTRUCTION MEETING WILL BE REQUIRED WITH THE CITY ELECTRICAL INSPECTOR (RE) TO REVIEW THE LIGHTING REQUIREMENTS.
11. THE CONTRACTOR SHALL REPAIR AND/OR REPAINT EXISTING STREET LIGHTS IN THE CITY CENTRE TO THE SATISFACTION OF THE CITY ENGINEER.
12. THE CITY ELECTRICAL INSPECTOR (RE) SHALL VERIFY ALL STREET LIGHTS ARE FUNCTIONAL BEFORE SIGNING THE PERMIT OFF.
13. SUPPLEMENTAL AND SPECIAL ORNAMENTAL STREET LIGHTING SHALL BE INCLUDED IN A SPECIAL STREET LIGHTING ASSESSMENT DISTRICT OR MAINTENANCE ASSESSMENT DISTRICT (MAD), AND SHALL BE DESIGNATED WITH AN ASTERISK NEXT TO THE STREET LIGHT NUMBER. THE DEVELOPER/APPLICANT SHALL ESTABLISH A MAD FUND PRIOR TO APPROVAL OF IMPROVEMENT PLANS.
14. ALL PRIVATE STREET LIGHTS SHALL HAVE A SEPARATE SERVICE POINT AND SHALL NOT BE CONNECTED TO CITY CIRCUITS.
15. PROPOSED CONSTRUCTION LIGHTS SHOWN ON THESE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY. PROPOSED PRIVATE STREET LIGHTS SHALL BE PERMITTED AND INSPECTED UNDER A SEPARATE ELECTRICAL PERMIT.

TRAFFIC SIGNAL GENERAL NOTE
IF PROJECT PROPOSES WORK THAT RESULTS IN TRAFFIC SIGNAL MODIFICATION, PLANS SHALL BE SUBMITTED USING ENGINEERING PUBLIC IMPROVEMENT PLAN (36"X24") TEMPLATE.

* IF APPLICABLE
ENVIRONMENTAL/MITIGATION REQUIREMENTS *

A. GENERAL REQUIREMENTS
1. PRE-CONSTRUCTION MEETING IS REQUIRED TEN (10) WORKING DAYS PRIOR TO BEGINNING ANY WORK ON THIS PROJECT. THE PERMIT HOLDER IS RESPONSIBLE TO ARRANGE AND PERFORM THIS MEETING BY CONTACTING THE CITY RESIDENT ENGINEER (RE) OF THE CONSTRUCTION MANAGEMENT & FIELD SERVICES DIVISION AND CITY STAFF FROM MITIGATION MONITORING COORDINATION (MMC). ATTENDEES MUST ALSO INCLUDE THE PERMIT HOLDER'S REPRESENTATIVES, JOB SITE SUPERINTENDENT AND THE FOLLOWING CONSULTANTS:

[LIST PROJECT SPECIFIC CONSULTANTS HERE]

NOTE: FAILURE OF ALL RESPONSIBLE PERMIT HOLDER'S REPRESENTATIVES AND CONSULTANTS TO ATTEND SHALL REQUIRE AN ADDITIONAL MEETING WITH ALL PARTIES PRESENT.

CONTACT INFORMATION:

a) THE PRIMARY POINT OF CONTACT IS THE RE AT THE CONSTRUCTION MANAGEMENT & FIELD SERVICES DIVISION AT 858-627-3200.

b) IT IS ALSO REQUIRED TO CALL THE RE AND MMC AT 858-627-3360 FOR CLARIFICATION OF ENVIRONMENTAL REQUIREMENTS.

2. MNRP COMPLIANCE: THIS PROJECT, PROJECT TRACKING SYSTEM (PTS) # ___________________________ AND/OR ENVIRONMENTAL DOCUMENT # ___________________________ SHALL CONFORM TO THE MITIGATION REQUIREMENTS CONTAINED IN THE ASSOCIATED ENVIRONMENTAL DOCUMENT AND SHALL BE IMPLEMENTED TO THE SATISFACTION OF SDG&G'S ENVIRONMENTAL DESIGNEE (MMC) AND THE RE. THE REQUIREMENTS MAY NOT BE REDUCED OR CHANGED BUT MAY BE ANNOTATED (I.E. TO EXPLAIN WHEN AND HOW COMPLIANCE IS BEING MET AND LOCATION OF VERIFICATION PROOF, ETC.). ADDITIONAL CLARIFYING INFORMATION MAY ALSO BE ADDED TO OTHER RELEVANT PLAN SHEETS AND/OR SPECIFICATIONS AS APPROPRIATE (E.G. SPECIFIC LOCATIONS, TIMES OF MONITORING, METHODOLOGY, ETC.).

NOTE: PERMIT HOLDER'S REPRESENTATIVES MUST ALERT THE RE AND MMC IF THERE ARE ANY DISCREPANCIES IN THE PLANS, NOTES OR ANY CHANGES DUE TO FIELD CONDITIONS. ALL CONFLICTS MUST BE APPROVED BY THE RE AND MMC BEFORE THE WORK IS PERFORMED.

3. OTHER AGENCY REQUIREMENTS: EVIDENCE OF COMPLIANCE WITH ALL OTHER AGENCY REQUIREMENTS OR PERMITS SHALL BE SUBMITTED TO THE RE AND MMC FOR REVIEW AND ACCEPTANCE PRIOR TO THE BEGINNING OF WORK OR WITHIN ONE (1) WEEK OF THE PERMIT HOLDER OBTAINING DOCUMENTATION OF THOSE PERMITS OR REQUIREMENTS. EVIDENCE SHALL INCLUDE COPIES OF PERMITS, LETTERS OF RESOLUTION OR OTHER DOCUMENTATION ISSUED BY THE RESPONSIBLE AGENCY.

[LIST PROJECT SPECIFIC REQUIRED PERMITS AND CIVIL PENALTY DOCUMENTS HERE]

4. MONITORING EXHIBITS: ALL CONSULTANTS ARE REQUIRED TO SUBMIT TO THE RE AND MMC, A MONITORING EXHIBIT ON A 11"X17" REDUCTION OF THE APPROPRIATE CONSTRUCTION PLAN, SUCH AS SITE PLAN, GRADING, LANDSCAPE, ETC. MARKED TO CLEARLY SHOW THE SPECIFIC AREAS INCLUDING THE LIMIT OF WORK, SCOPE OF THAT DISCIPLINE'S WORK, AND NOTES INDICATING WHEN IN THE CONSTRUCTION SCHEDULE THAT WORK WILL BE PERFORMED. WHEN NEEDED FOR CLARIFICATION, A DETAILED METHODOLOGY OF HOW THE WORK WILL BE PERFORMED SHALL BE INCLUDED.

NOTE: SURETY AND COST RECOVERY - WHEN DEEMED NECESSARY BY THE DEVELOPMENT SERVICES DIRECTOR OR CITY MANAGER, THEY MAY REQUIRE ADDITIONAL SURETY INSTRUMENTS OR BONDS FROM THE PERMIT HOLDER TO ENSURE THE LONG TERM PERFORMANCE OR IMPLEMENTATION OF REQUIRED MITIGATION MEASURES OR PROGRAMS. THE CITY IS AUTHORIZED TO RECOVER ITS COST TO OFFSET THE SALARY, OVERHEAD, AND EXPENSES FOR CITY PERSONNEL AND PROGRAMS TO MONITOR QUALIFYING PROJECTS.

5. OTHER SUBMITTALS AND INSPECTIONS: THE PERMIT HOLDER'S REPRESENTATIVES SHALL SUBMIT ALL REQUIRED DOCUMENTATION, VERIFICATION LETTERS, AND REQUESTS FOR ALL ASSOCIATED INSPECTIONS TO THE RE AND MMC FOR APPROVAL PER THE FOLLOWING SCHEDULE:

[LIST ALL AND ONLY PROJECT SPECIFIC REQUIRED VERIFICATION DOCUMENTS AND RELATED INSPECTIONS ON THE TABLE BELOW]

ISSUE AREA DOCUMENT SUBMITTAL ASSDC INSPECTION/APV NOTES

SPECIFIC MNRP ISSUE AREA CONDITIONS/REQUIREMENTS

[LIST ONLY PROJECT SPECIFIC MNRP ISSUE/CONDITIONS HERE]

ISSUE AREA — CONDITIONS

LANDSCAPE REQUIREMENTS *

1. METHOD OF EXCAVATION: 3" DIAMETER BORING TO ACCOMMODATE 2" DIAMETER CONDUIT PIPE. NO TRENCHING SHALL BE CONDUCTED WITHIN TREE ROOT ZONES.

2. TREE PROTECTION: A PRECONSTRUCTION MEETING SHALL BE REQUIRED PRIOR TO ANY GROUND DISTURBANCE OF COMMENCEMENT OF WORK TO ESTABLISH TREE PROTECTION MEASURES AND STRATEGIES FOR ROOT PRUNING WITHIN THE BORING AREA. NO ROOTS 6" OR GREATS IN DIAMETER SHALL BE CUT WITHOUT CONSULTATION WITH THE CITY ARBOURVIT-HORTICULTURALIST. CONTACT: SERCO ARMS AT (619) 527-8036, SARAH@SAN DIEGO.GOV

* IF APPLICABLE
UTILITY TRENCH DETAILS AND PERTINANCES *

1. Utility company trench details and pertinences to be placed here

2. Use additional sheets if necessary

* If applicable