

MONUMENT PRESERVATION CERTIFICATION

THE PERMITEE 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 PERMITEE 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). AGENCY HAS BEEN NOTIFIED OF POSSIBLE MONUMENT DESTRUCTION AND A LETTER PROVIDED TO CITY
 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 # _____

SIGNATURE _____ P.L.S. / R.C.E. NO. _____ DATE _____

PLACE PLS STAMP
MIN 1.5" DIA.

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 # _____

SIGNATURE _____ P.L.S. / R.C.E. NO. _____ DATE _____

TRUCK HAUL NOTES

THE CONTRACTOR SHALL SUBMIT A HAUL ROUTE FOR APPROVAL PRIOR TO STARTING GRADING WORK WHEN SOIL IS BEING IMPORTED OR EXPORTED TO & FROM THE CONSTRUCTION SITE. HAUL ROUTE APPLICATION SHALL BE SUBMITTED ELECTRONICALLY AT THE DEVELOPMENT SERVICES DEPARTMENT (DSD) TRAFFIC CONTROL PERMIT WEBSITE

https://www.sandiego.gov/development-services/permits/traffic-control-permit . CONTRACTOR SHALL OBTAIN A HAUL ROUTE A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO STARTING WORK.

FLOODPLAIN DATA

FLOODPLAIN DATA INFORMATION IS REQUIRED FOR ALL PROJECTS WITHIN A FLOODPLAIN/FLOODWAY

CONSULTANT NAME, ADDRESS AND CONTACT INFORMATION: [XXXXXXXX]

FEMA FIRM NO: [XXXXXXXX]

FEMA FLOOD ZONE: [XXXXXXXX]

FLOODWAY: [XXXXXXXX]

LEVEE ROW: [XXXXXXXX]

FLOODPLAIN CONSTRUCTION DOCUMENTS

ELEVATION CERTIFICATION: (YES/NO)

CLMOR: (YES/NO)

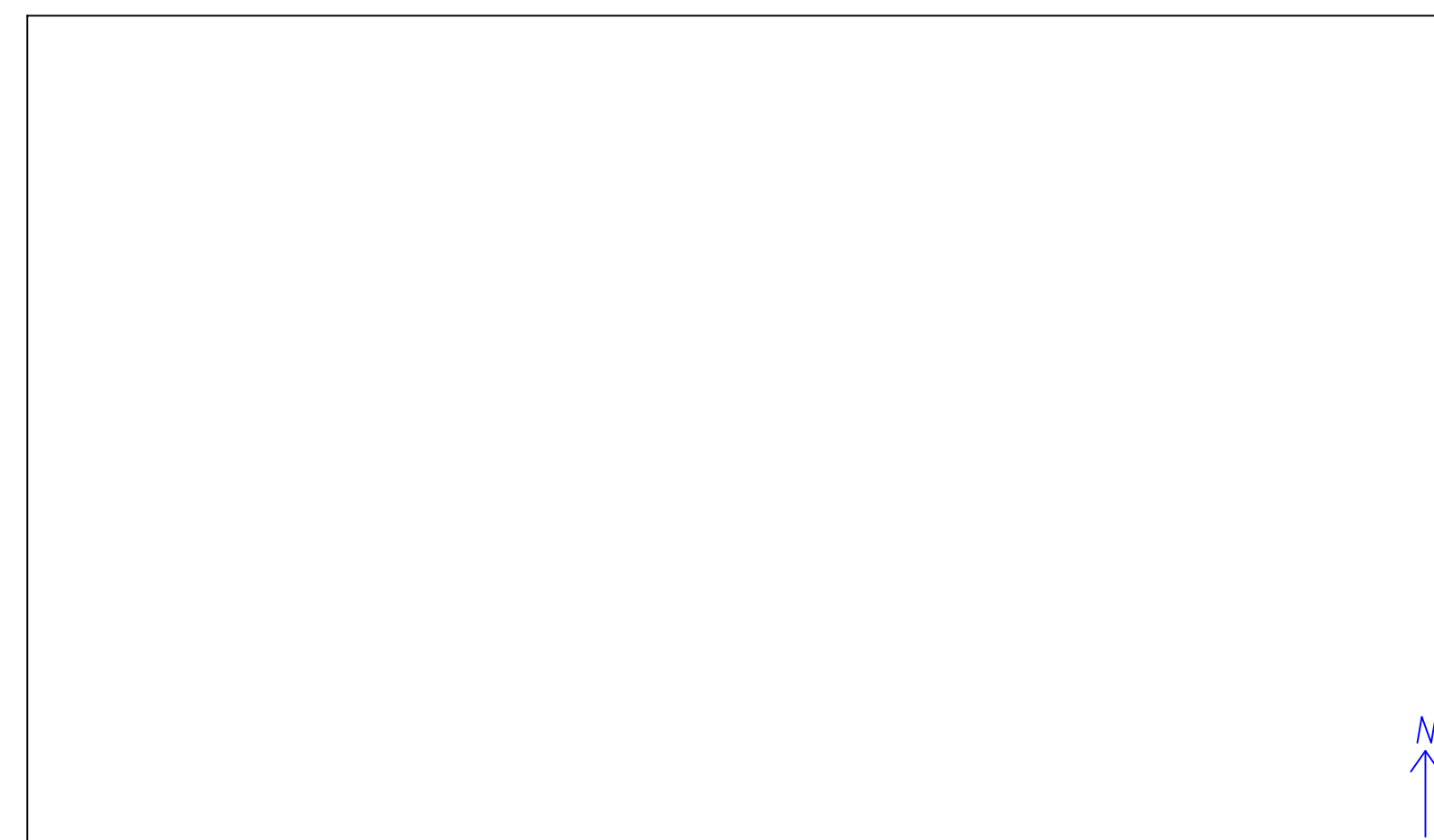
PRIVATE WATER AND WASTEWATER

THE PRIVATE WATER/SEWER SYSTEM IS DESIGNED IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE AND IS SHOWN ON THESE PLANS AS "INFORMATION ONLY". A SEPARATE PLUMBING PERMIT IS REQUIRED FOR CONSTRUCTION AND INSPECTION OF THE SYSTEM. PLUMBING PERMIT APPROVAL NO. XXXXXXX

CURB RAMP NOTES

THE REQUIRED DETECTABLE WARNING (TRUNCATED DOMES) ON CURB RAMPS ARE TO COMPLY WITH THE CITY STANDARDS (SDG-130) AND SPECIFICATIONS. A 12" X 12" (MIN.) SAMPLE OF THE DETECTABLE WARNING, THE PRODUCTS' TEST REPORT AND A COPY OF THE MANUFACTURER'S INSTALLATION INSTRUCTION MUST BE SUBMITTED TO THE DESIGNATED CITY RESIDENT ENGINEER FOR REVIEW PRIOR TO INSTALLATION. FAILURE TO COMPLY WITH THE STANDARDS, SPECIFICATIONS AND SAMPLE SUBMITTAL REVIEW PROCESS WILL RESULT IN THE REMOVAL OR REPLACEMENT OF THE DETECTABLE WARNING AND/OR CURB RAMP(S) AT CONTRACTOR AND/OR OWNER'S EXPENSE.

KEY MAP (1"=X')



COMPANY NAME
COMPANY INFO/ADDRESS/LOGO

GROUND WATER DISCHARGE NOTES

1. ALL GROUND WATER EXTRACTION AND SIMILAR WASTE DISCHARGES TO SURFACE WATERS TRIBUTARY AND NOT TRIBUTARY TO THE SAN DIEGO BAY ARE PROHIBITED UNTIL IT CAN BE DEMONSTRATED THAT THE OWNER HAS APPLIED AND OBTAINED AUTHORIZATION FROM THE STATE OF CALIFORNIA VIA AN OFFICIAL "ENROLLMENT LETTER" FROM THE REGIONAL WATER QUALITY CONTROL BOARD IN ACCORDANCE WITH THE TERMS, PROVISIONS AND CONDITIONS OF STATE ORDER NO R9-2015-0013 NPDES CAG919003.

2. THE ESTIMATED MAXIMUM DISCHARGE RATES MUST NOT EXCEED THE LIMITS SET IN THE OFFICIAL "ENROLLMENT LETTER" FROM THE REGIONAL BOARD UNLESS PRIOR NOTIFICATION AND SUBSEQUENT AUTHORIZATION HAS BEEN OBTAINED, AND DISCHARGE OPERATIONS MODIFIED TO ACCOMMODATE THE INCREASED RATES.

MINIMUM POST-CONSTRUCTION MAINTENANCE PLAN

AT THE COMPLETION OF THE WORK SHOWN, THE FOLLOWING PLAN SHALL BE FOLLOWED TO ENSURE WATER QUALITY CONTROL IS MAINTAINED FOR THE LIFE OF THE PROJECT:

1. STABILIZATION: ALL PLANTED SLOPES AND OTHER VEGETATED AREAS SHALL BE INSPECTED PRIOR TO OCTOBER 1 OF EACH YEAR AND AFTER MAJOR RAINFALL EVENTS (MORE THAN 1/2 INCH) AND REPAIRED AND REPLANTED AS NEEDED UNTIL A NOTICE OF TERMINATION (NOT) IS FILLED.

2. STRUCTURAL PRACTICES: DESILTING BASINS, DIVERSION DITCHES, DOWNDRAINS, INLETS, OUTLET PROTECTION MEASURES, AND OTHER PERMANENT WATER QUALITY AND SEDIMENT AND EROSION CONTROLS SHALL BE INSPECTED PRIOR TO OCTOBER 1ST OF EACH YEAR AND AFTER MAJOR RAINFALL EVENTS (MORE THAN 1/2 INCH). REPAIRS AND REPLACEMENTS SHALL BE MADE AS NEEDED AND RECORDED IN THE MAINTENANCE LOG IN PERPETUITY.

3. OPERATION AND MAINTENANCE, FUNDING: POST-CONSTRUCTION MANAGEMENT MEASURES ARE THE RESPONSIBILITY OF THE DEVELOPER UNTIL THE TRANSFER OF RESPECTIVE SITES TO HOME BUILDERS, INDIVIDUAL OWNERS, HOMEOWNERS ASSOCIATIONS, SCHOOL DISTRICTS, OR LOCAL AGENCIES AND/OR GOVERNMENTS AT THAT TIME, THE NEW OWNERS SHALL ASSUME RESPONSIBILITY FOR THEIR RESPECTIVE PORTIONS OF THE DEVELOPMENT.

PERMANENT POST-CONSTRUCTION BMP NOTES (PDP)

1. OPERATION AND MAINTENANCE SHALL BE SECURED BY AN EXECUTED AND RECORDED STORM WATER MANAGEMENT AND DISCHARGE CONTROL MAINTENANCE AGREEMENT (SWMOMA), OR ANOTHER MECHANISM APPROVED BY THE CITY ENGINEER, THAT ASSURES ALL PERMANENT BMP'S WILL BE MAINTAINED IN PERPETUITY, PER THE LAND DEVELOPMENT MANUAL, STORM WATER STANDARDS.

2. ANY MODIFICATION(S) TO THE PERMANENT POST CONSTRUCTION BMP DEVICES/STRUCTURES SHOWN ON PLAN REQUIRES A CONSTRUCTION CHANGE TO BE PROCESSED AND APPROVED THROUGH DEVELOPMENT SERVICES DEPARTMENT BY THE ENGINEER OF WORK. APPROVAL OF THE CONSTRUCTION CHANGE IS REQUIRED PRIOR TO CONSTRUCTION OF THE PERMANENT BMP.

STORM WATER REQUIREMENTS (PDP)

1. THIS PROJECT IS SUBJECT TO MUNICIPAL CODE SECTION 4303 AND CONSTRUCTION STORMWATER GENERAL PERMIT ORDER 2022-0057-DWQ AS AMENDED SUBSEQUENTLY.

2. ALL WORK RELATED TO POST-CONSTRUCTION STORMWATER QUALITY SHALL BE IN ACCORDANCE WITH THE STORM WATER QUALITY MANAGEMENT PLAN ENTITLED, PROJECT NAME AND NUMBER, PROJECT APPLICANT, PROJECT ADDRESS, PREPARED BY, COMPANY NAME, REPORT DATE.

3. POST-CONSTRUCTION BMP'S ARE REQUIRED, SEE SHEET(S) _____.

GRADING NOTES

1. GRADING AS SHOWN ON THESE PLANS SHALL BE IN CONFORMANCE WITH CURRENT STANDARD SPECIFICATIONS AND CHAPTER 14, ARTICLE 2, DIVISION 1, OF THE SAN DIEGO MUNICIPAL CODE.

2. PLANT AND IRRIGATE ALL CUT AND FILL SLOPES AS REQUIRED BY ARTICLE 2, DIVISION 4, SECTION 142.0411 OF THE SAN DIEGO LAND DEVELOPMENT CODE AND ACCORDING TO SECTION IV OF THE LAND DEVELOPMENT MANUAL LANDSCAPE STANDARDS.

3. GRADED, DISTURBED, OR ERODED AREAS THAT WILL NOT BE PERMANENTLY PAVED, COVERED BY STRUCTURE, OR PLANTED FOR A PERIOD OVER 90 DAYS SHALL BE TEMPORARILY RE-VEGETATED WITH A NON-IRRIGATED HYDROSEED MIX, GROUND COVER, OR EQUIVALENT MATERIAL. SEE SHEET ____ FOR MIX AND SPECIFICATIONS.

PRIVATE NOTE

ALL ONSITE, PRIVATE IMPROVEMENTS SHOWN ON THIS DRAWING ARE FOR INFORMATION ONLY. THE CITY ENGINEER'S APPROVAL OF THIS DRAWING, IN NO WAY CONSTITUTES AN APPROVAL OF SAID PRIVATE IMPROVEMENTS. A SEPARATE PERMIT FOR SUCH IMPROVEMENTS MAY BE REQUIRED.

CONSTRUCTION STORM WATER PROTECTION NOTES

1. TOTAL SITE DISTURBANCE AREA (ACRES): _____

WATERSHED: _____
HYDRAULIC SUB AREA NAME AND NUMBER: _____

2. THE PROJECT SHALL COMPLY WITH THE REQUIREMENTS OF THE

- WPQP

THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100

- SWPPP

THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 DWQ AND 2015-0100 AND CONSTRUCTION GENERAL PERMIT (CGP) 2022-0057-DWQ

TRADITIONAL: RISK LEVEL 1 2 3

LUP RISK LEVEL 1 2 3

WDID NO: _____

3. CONSTRUCTION SITE PRIORITY

- ASBS HIGH MEDIUM LOW

4. POLLUTANT SITE PRIORITY

- NOT SUBJECT STANDARD PRIORITY PDP EXEMPT GREEN STREET

AGREEMENT DATA

APPROVAL TYPE	DESCRIPTION	APPROVAL NO.	DOCUMENT NO.	SEE SHEET NUMBER(S)

SIGNATURE _____ R.C.E. NO. _____ DATE _____

PLACE RCE STAMP
MIN 1.5" DIA.

SOURCE CONTROL BMP CHECKLIST FOR STANDARD PROJECTS FORM I-4A

ALL DEVELOPMENT PROJECTS MUST IMPLEMENT SOURCE CONTROL BMP'S. REFER TO CHAPTER 4 AND APPENDIX E OF THE BMP DESIGN MANUAL FOR INFORMATION TO IMPLEMENT BMP'S SHOWN IN THIS CHECKLIST
NOTE: ALL SELECTED BMP'S MUST BE SHOWN ON THE CONSTRUCTION PLANS

SOURCE CONTROL REQUIREMENT	APPLIED?					
4.2.1 PREVENTION OF ILLIOT DISCHARGES INTO THE MS4	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
4.2.2 STORM DRAIN STENCILING OR SIGNAGE	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
4.2.3 PROTECT OUTDOOR MATERIALS STORAGE AREAS FROM RAINFALL, RUN-ON, RUNOFF, AND WIND DISPERSAL	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
4.2.4 PROTECT MATERIALS STORED IN OUTDOOR WORK AREAS FROM RAINFALL, RUN-ON, RUNOFF, AND WIND DISPERSAL	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
4.2.5 PROTECT TRASH STORAGE AREAS FROM RAINFALL, RUN-ON, RUNOFF, AND WIND DISPERSAL	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
4.2.6 BMP'S BASED ON POTENTIAL SOURCES OF RUNOFF POLLUTANTS						
ON-SITE STORM DRAIN INLETS	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
INTERIOR FLOOR DRAINS AND ELEVATOR SHAFT SUMP PUMPS	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
INTERIOR PARKING GARAGES	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
NEED FOR FUTURE INDOOR & STRUCTURAL PEST CONTROL	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
LANDSCAPE/OUTDOOR PESTICIDE USE	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
POOLS, SPAS, PONDS, DECORATIVE FOUNTAINS, AND OTHER WATER FEATURES	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
FOOD SERVICE	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
REFUSE AREAS	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
INDUSTRIAL PROCESSES	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
OUTDOOR STORAGE OF EQUIPMENT OR MATERIALS	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
VEHICLE/EQUIPMENT REPAIR AND MAINTENANCE	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
FUEL DISPENSING AREA	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
LOADING DOCKS	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
FIRE SPRINKLER TEST WATER	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
MISCELLANEOUS DRAIN OR WASH WATER	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
PLAZAS, SIDEWALKS, AND PARKING LOTS	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
SC-6A: LARGE TRASH GENERATING FACILITIES	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
SC-6B: ANIMAL FACILITIES	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
SC-6C: PLANT NURSERIES AND GARDEN CENTERS	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
SC-6D: AUTOMOTIVE-RELATED USES	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A

DISCUSSION / JUSTIFICATION FOR ALL "NO" ANSWERS SHOWN ABOVE:

SITE DESIGN BMP CHECKLIST FOR STANDARD PROJECTS FORM I-5A

ALL DEVELOPMENT PROJECTS MUST IMPLEMENT SITE DESIGN BMP'S. REFER TO CHAPTER 4 AND APPENDIX E OF THE BMP DESIGN MANUAL FOR INFORMATION TO IMPLEMENT BMP'S SHOWN IN THIS CHECKLIST
NOTE: ALL SELECTED BMP'S MUST BE SHOWN ON THE CONSTRUCTION PLANS

SITE DESIGN REQUIREMENT	APPLIED?					
4.3.1 MAINTAIN NATURAL DRAINAGE PATHWAYS AND HYDROLOGIC FEATURES	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
4.3.2 CONSERVE NATURAL AREAS, SOILS, AND VEGETATION	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
4.3.3 MINIMIZE IMPERVIOUS AREA	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
4.3.4 MINIMIZE SOIL COMPACTION	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
4.3.5 IMPERVIOUS AREA DISPERSION	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
4.3.6 RUNOFF COLLECTION	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
4.3.7 LANDSCAPING WITH NATIVE OR DROUGHT TOLERANT SPECIES	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A
4.3.8 HARVESTING AND USING PRECIPITATION	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	N/A

DISCUSSION / JUSTIFICATION FOR ALL "NO" ANSWERS SHOWN ABOVE:

SITE DESIGN, SOURCE CONTROL AND POLLUTANT CONTROL BMP OPERATION + MAINTENANCE PROCEDURE

STORM WATER MANAGEMENT AND DISCHARGE CONTROL MAINTENANCE AGREEMENT APPROVAL NO.:

O&M RESPONSIBLE PARTY DESIGNEE: PROPERTY OWNER / HOA / CITY / OTHER:

BMP DESCRIPTION	INSPECTION FREQUENCY	MAINTENANCE FREQUENCY	MAINTENANCE METHOD	QUANTITY	INCLUDED IN O&M MANUAL		SHEET NUMBER(S)
SITE DESIGN ELEMENTS					YES	NO	
DESCRIPTION:							
SOURCE CONTROL ELEMENTS					YES	NO	
DESCRIPTION:							
POLLUTANT CONTROL BMP(S)					YES	NO	
DESCRIPTION:							
HMP FACILITY (IF SEPARATE)					YES	NO	
DESCRIPTION:							
HMP EXEMPT							

NOTES FOR:

PRIVATE CONTRACT

* IF APPLICABLE

WARNING

0 1/2 1

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

NOTES SHEET FOR:

PROJECT NAME

BRIEF LEGAL DESCRIPTION

The City of
SAN DIEGO

FOR CITY APPROVAL

DEVELOPMENT SERVICES DEPARTMENT
SHEET 02 OF XX SHEETS

PMT NUMBER: XXXXXXX

APPROVED:

FOR CITY ENGINEER _____ DATE _____

DESCRIPTION BY APPROVED DATE DATE

ORIGINAL XXX _____ DATE _____

AS BUILTS

CONTRACTOR _____ DATE STARTED _____

INSPECTOR _____ DATE COMPLETED _____

PRJ NUMBER: XXXXXXX

XXXX-XXXX

NAD83 COORDINATES

XXX-XXXX

LAMBERT COORDINATES

DRAWING NO.

XXXXXXXX-2-D

D02

WATER AND SEWER NOTES

1. LOCATE WATER SERVICE(METER BOX) AND SEWER HOUSE CONNECTION(SEWER CLEANOUT) OUT OF DRIVEWAYS AND WALKWAYS (UNLESS OTHERWISE APPROVED BY THE R.E.). SEWER HOUSE CONNECTIONS SHALL BE LOCATED NO LESS THAN 5 FEET AWAY FROM DRIVEWAYS.THE SEWER LATERAL AND THE WATER SERVICE LINE SHALL BE SEPERATED OF 1 FOOT (WITH THE WATER SERVICE AT THE HIGHER ELEVATION). THE SEWER LATERAL AND THE WATER SERVICE LINE SHALL BE INSTALLED IN A RELATIVE LOCATION SO THAT THE SEWER LATERAL IS IN THE DOWNSTREAM DIRECTION OF THE STREET.IF THE ABOVE CRITERIA CANNOT BE MET,THE SEWER LATERAL AND THE WATER SERVICE LINE SHALL BE SEPARATED BY 10 FEET.

2. ALL CONNECTIONS TO EXISTING WATER MAINS ARE TO BE PERFORMED BY THE PUBLIC UTILITIES DEPARTMENT. IF THE CONNECTIONS ARE NOT READY TO BE MADE AND FEES PAID BEFORE-----,THE CITY RESERVES THE RIGHT TO ADJUST THE FEES ACCORDING TO THE FEE SCHEDULE IN EFFECT AT THE TIME THE CONNECTIONS ARE MADE.IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXPOSE THE EXISTING MAIN AT THE CONNECTION POINT AND TO INSTALL THE NEW MAIN AT THE ALIGNMENT AND GRADE WHICH WILL PERMIT THE CITY TO MAKE A "STRAIGHT IN" CONNECTION WITHOUT USING MORE THAN 10 LINEAR FEET OF PIPE.

	COST	TYPE OF CONNECTION	SHEET
ITEM#1			
ITEM#2			

CONTRACTOR TO SET SADDLE/TAPPING SLEEVE AND CORPORATION STOP/TAPPING VALVE FOR ALL WET TAPS. APPROVAL BY THE SHUTDOWN COMMITTEE IS REQUIRED FOR ALL MAJOR PIPELINES 16" AND LARGER.SHUTDOWN WINDOW PERIOD IS BETWEEN NOVEMBER 1ST TILL APRIL 1ST OF THE FOLLOWING YEAR,WHEN WATER DEMAND IS LOWER.

ONCE THIS ROW PERMIT IS ISSUED, IT IS THE RESPONSIBILITY OF THE CUSTOMER TO CONTACT THE DSD WATER & SEWER DEVELOPMENT REVIEWER TO REQUEST A SALES ORDER FOR THE PROPOSED WATER CONNECTION ITEMS (WET TAP, KILL SERVICE INSPECTION, ETC.) PROPOSED ON THESE PLANS. CITY FORCES WILL NOT PERFORM THE WATER CONNECTION(S) WITHOUT A PAID SALES ORDER.

3. ALL BURIED DUCTILE IRON PIPE AND FITTINGS SHALL BE COATED AND HOLIDAY FREE AS SPECIFIED IN THE WHITEBOOK. IF USING WAX TAPE,OVERLAP EXISTING METALLIC PIPING BY 12 INCHES ON EACH SIDE.IF ANY BURIED PIPE MATERIALS ARE CHANGED FROM NONMETALLIC TO METALLIC DURING THE CONSTRUCTION PHASE,THIS CHANGE MUST BE SUBMITTED FOR REVIEW AND APPROVAL OF THE CITY'S CORROSION ENGINEER.

4. ALL HORIZONTAL SEPARATION DIMENSIONS SHOWN BETWEEN WATER AND SEWER MAINS SHALL BE MEASURED FROM THE NEAREST EDGE OF EACH PIPELINE PER STATE OF CALIFORNIA,DEPARTMENT OF PUBLIC HEALTH,BASIC SEPARATION STANDARDS.MINIMUM SEPARATION BETWEEN WATER AND SEWER MAINS SHALL BE 10 FEET HORIZONTAL AND 1 FOOT VERTICAL.

5. NO SHRUBS MORE THAN 3FEET IN HEIGHT AT MATURITY OR TREES SHALL BE ALLOWED WITHIN 10 FEET OF ANY SEWER MAIN OR LATERAL AND 5 FEET OF ANY WATER MAIN OR WATER SERVICE,NO TREES OR ANY KIND OF LANDSCAPING SHALL BE INSTALLED WITHIN WATER/SEWER ACCESS EASEMENT.

6. ALL PROPOSED WATER AND SEWER SHOWN ON THE PLANS SHALL COMPLY WITH THE REQUIREMENTS OF THE CURRENT EDITION OF THE CITY OF SAN DIEGO WATER AND SEWER DESIGN GUIDES.

7. SHOP DRAWING SUBMITTALS: PRIOR TO FABRICATION , SHOP DRAWINGS SHALL BE PREPARED AND APPROVED BY THE ENGINEER OF RECORD.THE ENGINEER OF RECORD SHALL CERTIFY THAT THE SHOP DRAWINGS MEET THE INTENT OF THE SIGNED DESIGN PLANS AND SPECIFICATIONS .THE APPROVED SHOP DRAWINGS SHALL THEN BE SUBMITTED TO THE RESIDENT ENGINEER FOR A SIX WEEK REVIEW PERIOD.ONCE THE SHOP DRAWINGS HAVE BEEN ACCEPTED BY THE RESIDENT ENGINEER,THE MATERIALS MAY BE MANUFACTURED AT THE PLANT. REQUESTS FOR PLANT INSPECTION MUST BE MADE A MINIMUM OF 2 (TWO) WORKING DAYS PRIOR TO MANUFACTURING IF THE PLANT IS IN THE SOUTHERN CALIFORNIA AREA.ALL PLANTS LOCATED OUTSIDE OF SOUTHERN CALIFORNIA MUST SCHEDULE INSPECTION A MINIMUM OF 7 (SEVEN) WORKING DAYS PRIOR TO MANUFACTURING.REFER TO 2021 EDITION OF THE GREENBOOK AND WHITEBOOK,STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, SECTION 4-3, "INSPECTION."

8. ALL PROPOSED PUBLIC SEWER FACILITY INSTALLATION SHALL BE CONSTRUCTED WITH MATERIALS CURRENTLY LISTED IN THE MOST CURRENT EDITION OF THE CITY OF SAN DIEGO WATER AND MUNICIPAL SEWER APPROVED MATERIALS LIST AS REFERENCED IN THE STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION.

9. FOR ALL SEWER PLANS: THE CONTRACTOR SHALL OBSERVE AND COMPLY WITH ALL FEDERAL,STATE AND LOCAL LAWS,ORDINANCES,CODES,ORDERS,AND REGULATIONS WHICH IN ANY MANNER AFFECT THE CONDUCT OF WORK,SPECIFICALLY AS IT RELATES TO SEWAGE SPILLS.THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR PREVENTING SEWAGE SPILLS,FOR CONTAINING SEWAGE SPILLS,AND FOR RECOVERY AND LEGAL DISPOSAL OF ANY SPILLED SEWAGE AND FOR ANY FINES,PENALTIES,CLAIMS AND LIABILITY ARISING FROM CAUSING A SEWAGE SPILL,AND FOR ANY VIOLATION OF ANY LAW, ORDINANCE, CODE, ORDER OR REGULATION BECAUSE OF THE SPILL(S).

10. FOR WORK INVOLVING LIVE SEWER FACILITIES : THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING AND SUBMITTING A SEWAGE BYPASS AND PUMPING PLAN THAT WILL ENSURE THE CITY'S POLICY OF "ZERO SPILLS".THE PLAN SHALL INCLUDE A SPILL PREVENTION AND EMERGENCY RESPONSE PLAN INDICATING THE PROCEDURES ,EQUIPMENT,AND ACTIVITIES THAT WILL BE IMPLEMENTED IN THE EVENT OF AN EMERGENCY SHUTDOWN OR FAILURE OF THE FLOW DIVERSION EQUIPMENT.REFER TO 2021 EDITION OF THE GREENBOOK AND WHITEBOOK, STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION,SECTION3-12.5 SANITARY SEWERS.

11.[DELETE THIS NOTE IF NOT APPLICABLE; OTHERWISE, EDIT TEXT IN BRACKETS AS NECESSARY FOR YOUR PROJECT] PRIVATE SEWAGE SYSTEM DESIGN CERTIFICATION:I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THE PROJECT,THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PRIVATE [WATER/SEWAGE] SYSTEM WHICH IS LOCATED WITHIN THE [SEWER/WATER/GENERAL UTILITY EASEMENT,AND OR THE PUBLIC RIGHT OF WAY]AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS AS REQUIRED"ENCROACHMENT MAINTENANCE AND REMOVAL AGREEMENT"FORMS,EXHIBITS AND NOTARY HAVE BEEN SUBMITTED FOR RECORDATION. I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF SAN DIEGO OF CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME,AS ENGINEER OF WORK, MY RESPONSIBILITIES FOR PROJECT DESIGN.

COMPANY NAME
COMPANY INFO/ADDRESS/LOGO

TRAFFIC CONTROL NOTE (< 5000 ADT) *

1. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN(S) FOR APPROVAL PRIOR TO STARTING WORK. TRAFFIC CONTROL PERMIT APPLICATION SHALL BE SUBMITTED ELECTRONICALLY AT THE DEVELOPMENT SERVICES DEPARTMENT (DSD) TRAFFIC CONTROL PERMIT WEBSITE <https://www.sandiego.gov/development-services/permits/traffic-control-permit>. CONTRACTOR SHALL OBTAIN A TRAFFIC CONTROL PERMIT A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO STARTING WORK, AND A MINIMUM OF FIVE (5) WORKING DAYS IF WORK WILL AFFECT A BUS STOP OR AN EXISTING TRAFFIC SIGNAL, OCCUR OUTSIDE THE NOISE ORDINANCE HOURS, OR IF WORK WILL REQUIRE A ROAD OR ALLEY CLOSURE. TRAFFIC CONTROL PLAN MUST BE SUBMITTED FOR REVIEW AS PART OF THE ROW APPLICATION WHEN ADT EXCEEDS 5000 VEH/DAY ON ANY FRONTING STREET.

2. SITE PERIMETER FENCING ENCROACHMENT INTO THE PUBLIC RIGHT-OF-WAY (ROW) AND ANY PARKWAY REQUIREMENTS PER CALIFORNIA BUILDING CODE SECTION 3306 (PROTECTION OF PEDESTRIANS), SHOULD BE SUBMITTED FOR REVIEW (TRAFFIC CONTROL BASE PLAN) PART OF THE ROW APPLICATIONS, REGARDLESS OF ADT VOLUMES. THIS BASE TRAFFIC CONTROL PLAN MUST BE COMPLIANT WITH CURRENT EDITION OF "THE WHITE BOOK", PART 6 TEMPORARY TRAFFIC CONTROL. ANY FUTURE REQUEST OF CONTINUOUS ENCROACHMENT INTO PUBLIC ROW, ONCE THE ROW APPLICATIONS IS ISSUED, WILL NEED TO BE SUBMITTED AS A CONSTRUCTION CHANGE. FOR CONSTRUCTION PERIMETER FENCING PLACED AT PROPERTY LINE AND NO NEED TO COVER PEDESTRIANS, PER LATEST EDITION CBC 3306 "PROTECTION OF PEDESTRIANS," A BASE TRAFFIC CONTROL PLAN WILL NOT BE REQUIRED. IT IS OWNER'S AND DESIGNER'S RESPONSIBILITY TO CHECK WITH CONTRACTOR(S) IF ENCROACHMENT INTO PUBLIC ROW WILL BE NEEDED DURING CONSTRUCTION.

STREET DATA TABLE				
STREET NAME	CLASSIFICATION	SPEED (MPH)	ADT (VEHICLES)	R/W (FT)

STREET EXCAVATION TABLE * <tr> <th>STREET SEGMENT</th> <th>STREET NAME</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 62.1209-10</th> <th>TRENCH WIDTH (FT)</th> <th>TRENCH LENGTH (FT)</th> <th>STREET MORATORUM (Y/N)</th> </tr>										STREET SEGMENT	STREET NAME	STREET CLASSIFICATION (ARTERIAL, MAJOR, COLLECTOR RESIDENTIAL)	UTILITY TYPE (WET OR DRY)	LATERAL OR MAIN	LAST STREET OVERLAY DATE	INFLUENCE AREA WIDTH (FT) PER SDMC 62.1209-10	TRENCH WIDTH (FT)	TRENCH LENGTH (FT)	STREET MORATORUM (Y/N)
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TRAFFIC CONTROL NOTES (5000 ADT OR MORE) *

1. VALIDATION. TRAFFIC CONTROL PLAN IS NOT VALID UNTIL WORK DATES AND WORK HOURS ARE APPROVED THROUGH A TRAFFIC CONTROL PERMIT.THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN(S) FOR APPROVAL PRIOR TO STARTING WORK. TRAFFIC CONTROL PERMIT APPLICATION SHALL BE SUBMITTED ELECTRONICALLY AT THE DEVELOPMENT SERVICES DEPARTMENT (DSD) TRAFFIC CONTROL PERMIT WEBSITE <https://www.sandiego.gov/development-services/permits/traffic-control-permit>. CONTRACTOR SHALL OBTAIN A TRAFFIC CONTROL PERMIT A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO STARTING WORK, AND A MINIMUM OF FIVE (5) WORKING DAYS IF WORK WILL AFFECT A BUS STOP OR AN EXISTING TRAFFIC SIGNAL, OCCUR OUTSIDE THE NOISE ORDINANCE HOURS, OR IF WORK WILL REQUIRE A ROAD OR ALLEY CLOSURE. TRAFFIC CONTROL PLAN MUST BE SUBMITTED FOR REVIEW AS PART OF THE ROW APPLICATION WHEN ADT EXCEEDS 5000 VEH/DAY ON ANY FRONTING STREET.

2. CONTRACTOR SHALL NOTIFY THE CITY TRAFFIC ENGINEER AT (619) 446-5242 AND FIT_TRAFFIC@SANDIEGO.GOV 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 MANUALS:

DESCRIPTION	EDITION	DOCUMENT NO.
STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK), 2021 EDITION	2021	ECPI010122-01
CITY OF SAN DIEGO STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, 2021 EDITION	2021	ECPI010122-03
CALIFORNIA DEPARTMENT OF TRANSPORTATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (REVISION 8), 2014 EDITION	2014	ECPD032324-07

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:

POLICE DEPARTMENT DISPATCH	(858) 531-2000
FIRE DEPARTMENT DISPATCH	[SDFD_PREMISE@SANDIEGO.GOV]
ENVIRONMENTAL SERVICES	(858) 694-7000
METROPOLITAN TRANSIT SYSTEM (MTS)	(619) 238-0100 EXT. 6451
METROPOLITAN TRANSIT SYSTEM (MTS)	(619) 595-3086
METROPOLITAN TRANSIT SYSTEM (MTS)	(619) 557-4520
METROPOLITAN TRANSIT SYSTEM (MTS)	(619) 595-4960
UNDERGROUND SERVICE ALERT/DISALERT	(800) 422-4133
INSPECTION FIT RE (SG, MROW, D-SIGNAL ROW)	(619) 446-5242 [FIT_DSD@SANDIEGO.GOV]
FIT TRAFFIC SIGNAL OPERATIONS	(619) 446-5242 [FIT_TRAFFIC@SANDIEGO.GOV]
PARKING METER REMOVAL	(619) 236-7128 [KAFULIDES@SANDIEGO.GOV]

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. ALL NOTIFICATIONS ARE POSED ONCE THE TOP IS OBTAINED.

THE CONTRACTOR SHALL NOTIFY FIELD INSPECTION TEAM AT (619) 446-5242 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 SEVENTY-TWO (72) HOURS IN ADVANCE OF PARKING REMOVAL. SIGNS SHALL INDICATE SPECIFIC DAYS, DATES AND TIMES OF RESTRICTIONS. PARKING METERS SHALL BE BAGGED WHERE APPLICABLE. ALL NOTIFICATIONS ARE POSTED ONCE THE TOP IS OBTAINED.

6. EXCAVATIONS: EXCEPT WHEN OTHERWISE SHOWN ON THE PLANS, ALL TRENCHES SHALL BE BACKFILLED OR TRENCH-PLATED AT THE END OF EACH WORKDAY. WHEN TRENCH PLATS ARE USED, CONTRACTOR TO MAINTAIN W8-24 SIGNS AT ALL TIMES FOR ALL DIRECTIONS AND MODES OF TRAVEL. AN ASPHALT 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 LANES, BIKE LANES, 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) 446-5242 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 DETECTION 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 RESTORE/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 SUPERSEDE THESE PLANS.

11. SITE PERIMETER FENCING ENCROACHMENT INTO THE PUBLIC RIGHT-OF-WAY (ROW) AND ANY PARKWAY REQUIREMENTS PER CALIFORNIA BUILDING CODE SECTION 3306 (PROTECTION OF PEDESTRIANS), SHOULD BE SUBMITTED FOR REVIEW (TRAFFIC CONTROL BASE PLAN) PART OF THE ROW APPLICATIONS, REGARDLESS OF ADT VOLUMES. THIS BASE TRAFFIC CONTROL PLAN MUST BE COMPLIANT WITH CURRENT EDITION OF "THE WHITE BOOK", PART 6 TEMPORARY TRAFFIC CONTROL. ANY FUTURE REQUEST OF CONTINUOUS ENCROACHMENT INTO PUBLIC ROW, ONCE THE ROW APPLICATIONS IS ISSUED, WILL NEED TO BE SUBMITTED AS A CONSTRUCTION CHANGE. FOR CONSTRUCTION PERIMETER FENCING PLACED AT PROPERTY LINE AND NO NEED TO COVER PEDESTRIANS, PER LATEST EDITION CBC 3306 "PROTECTION OF PEDESTRIANS," A BASE TRAFFIC CONTROL PLAN WILL NOT BE REQUIRED. IT IS OWNER'S AND DESIGNER'S RESPONSIBILITY TO CHECK WITH CONTRACTOR(S) IF ENCROACHMENT INTO PUBLIC ROW WILL BE NEEDED DURING CONSTRUCTION.

PRIVATE CONTRACT

* IF APPLICABLE

WARNING		NOTES SHEET FOR:	
<p>IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.</p>		<p>PROJECT NAME</p> <p>BRIEF LEGAL DESCRIPTION</p>	
<p>The City of SAN DIEGO</p> <p>FOR CITY APPROVAL</p>		<p>DEVELOPMENT SERVICES DEPARTMENT</p> <p>SHEET 03 OF XX SHEETS</p> <p>PMT NUMBER: XXXXXXX</p>	
<p>APPROVED:</p> <p>FOR CITY ENGINEER _____ DATE _____</p> <p>DESCRIPTION BY APPROVED DATE DATE</p> <p>ORIGINAL XXX _____</p>		<p>PRJ NUMBER: XXXXXXX</p> <p>XXXX-XXXX</p> <p>NAD83 COORDINATES</p> <p>XXX-XXXX</p> <p>LAMBERT COORDINATES</p>	
<p>AS BUILTS</p> <p>CONTRACTOR _____ DATE STARTED _____</p> <p>INSPECTOR _____ DATE COMPLETED _____</p>		<p>DRAWING NO.</p> <p>XXXXXXXX-3-D</p>	

PLACE RCE STAMP
MIN 1.5" DIA.

SIGNATURE R.C.E. NO. _____ DATE

D03

SEWER LATERAL TABLE								
LOT NO.	LE AT MAIN	DROP TO MAIN (RISE)	LENGTH IN FEET	LE AT P.L.	TOP CURB ELEV.(T.C.)	DEPTH BELOW T.C. AT P.L.	SURVEY LOCATION OF CLEANOUT	REMARKS
X	XX'	XXX'	XX'	XX'	XXX'	X'	XX+XX.XX	X'

* IF APPLICABLE ADD TABLE TO SHEETS WHERE SEWER LATERALS ARE PROPOSED.

COMPANY NAME
COMPANY INFO/ADDRESS/LOGO

SIGNATURE _____ R.C.E. NO. XXXXX DATE XX-XX-XXXX



PRIVATE CONTRACT

<p>WARNING</p> <p>IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.</p>	<p>PUBLIC IMPROVEMENT PLAN FOR:</p> <p align="center">PROJECT NAME</p> <p align="center">STREETS WITH CROSS STREETS</p>																					
	<p>DEVELOPMENT SERVICES DEPARTMENT</p> <p align="center">SHEET 05 OF XX SHEETS</p>	<p>PMT NUMBER: XXXXXXX</p>																				
<p>FOR CITY APPROVAL</p>	<p>APPROVED:</p> <p>FOR CITY ENGINEER _____ DATE _____</p> <table border="1"> <thead> <tr> <th>DESCRIPTION</th> <th>BY</th> <th>APPROVED</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>ORIGINAL</td> <td>XXX</td> <td></td> <td></td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	DESCRIPTION	BY	APPROVED	DATE	ORIGINAL	XXX															<p>PRJ NUMBER: XXXXXXX</p> <p>XXXX-XXXX NAD83 COORDINATES</p> <p>XXX-XXXX LAMBERT COORDINATES</p>
DESCRIPTION	BY	APPROVED	DATE																			
ORIGINAL	XXX																					
<p>AS BUILTS</p> <p>CONTRACTOR _____ DATE STARTED _____</p> <p>INSPECTOR _____ DATE COMPLETED _____</p>	<p>DRAWING NO.</p> <p>XXXXXX-5-D</p>	<p>D05</p>																				

TRAFFIC SIGNAL CONSTRUCTION NOTES *

CONSTRUCT FOUNDATION, FURNISH AND INSTALL TYPE 332 ALUMINUM CABINET, AND CONTROLLER ASSEMBLY, WIRED FOR 8-PHASE CAPABILITY, AND INCLUDE ALL ACCESSORIES NECESSARY TO PROVIDE THE PHASING AND PERFORM ALL FUNCTIONS INDICATED ON THESE PLANS. TRAFFIC SIGNAL CONTROLLER SHALL CONFORM WITH THE LATEST EDITION OF CITY OF SAN DIEGO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (WHITE BOOK). CURRENT VERSION IS MODEL 2070LX CONTROLLER UNIT INCLUDING 2070-1C CPU UNLOADED WITH Q-FREE MAXTIME SOFTWARE.

FURNISH AND INSTALL TYPE III SIGNAL AND LIGHTING SERVICE CABINET PER CITY OF SAN DIEGO AND SDG&E CO. REQUIREMENTS. PROVIDE 50A-1P CIRCUIT BREAKER FOR METERED TRAFFIC SIGNALS, 30A-1P CIRCUIT BREAKER FOR UNMETERED STREET LIGHTS. VERIFY SERVICE LOCATION AND REQUIREMENTS WITH SAN DIEG GAS AND ELECTRIC CO.

INSTALL BI-DIRECTIONAL DUAL CHANNEL EMERGENCY VEHICLE PREEMPTION DETECTOR (E.V.P.E.) PER CITY OF SAN DIEGO REQUIREMENTS.

INSTALL SINGLE CHANNEL EMERGENCY VEHICLE PREEMPTION DETECTOR (E.V.P.E.) PER CITY OF SAN DIEGO REQUIREMENTS.

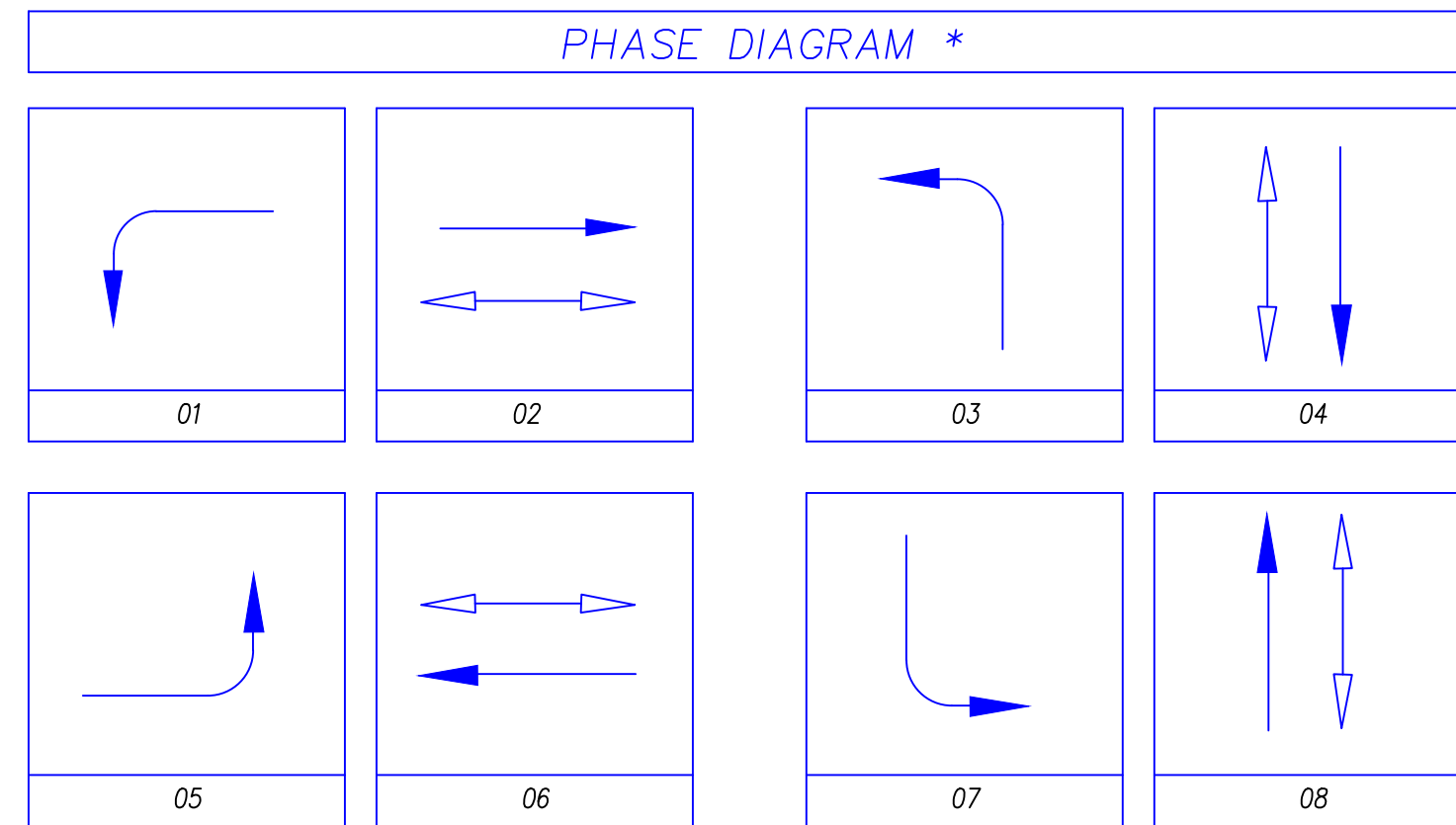
FURNISH AND INSTALL R... AND R... SIGN.

INSTALL TYPE "A" HANDHOLE PER ES-5D WITH LOCKING COVER. NO SPlicing IN HANDHOLE.

REMOVE EXISTING SIGNAL EQUIPMENT AND DELIVER TO CITY OF SAN DIEGO YARD AT 2781 CAMINITO CHOLLAS SAN DIEGO 92105 AFTER SIGNAL ENERGIZED. CONTRACTOR SHALL CALL IN ADVANCE AT (619) 527-8052 OR (619)527-8053.

INSTALL PEDESTRIAN BARRICADE PER CITY OF SAN DIEGO STANDARD DRAWINGS SDG-141

CONDUCTOR TABLE *							
AWG SIZE OR CABLE TYPE	PHASE	POLE OR CIRCUIT	CONDUIT SIZE & RUN				
			3"	3"	3"	3"	2-3"
CONDUCTORS	3	POLE - A					
		POLE - B					
		POLE - C					
		POLE - D					
TOTAL CABLES	3 CONDUCTOR/12 CONDUCTOR						
	NO 6 SIGNAL SERVICE						
	NO 8 GROUND						
	NO 10 LIGHTING						
	6 PAIR NO.22 INTERCONNECT CABLE						
	TYPE	1 LOOP DETECTOR					
	"b"	2 " "					
	DLC	3 " "					
	4 " "						
	5 " "						
	6 " "						
	7 " "						
	8 " "						
TOTAL DLC							
EMERGENCY VEHICLE DETECTOR (EV-DLC)							
TOTAL							
PERCENT FILL							



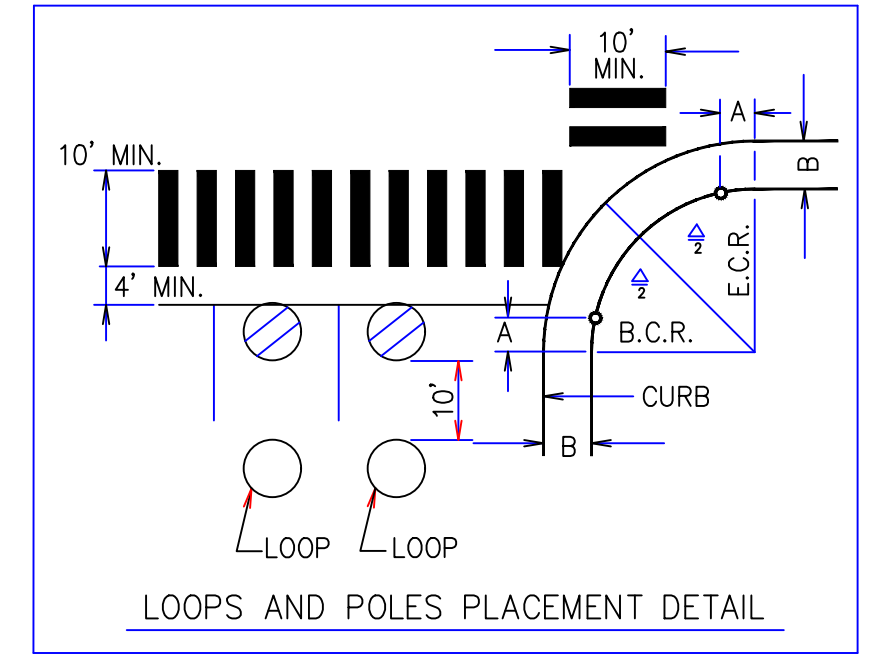
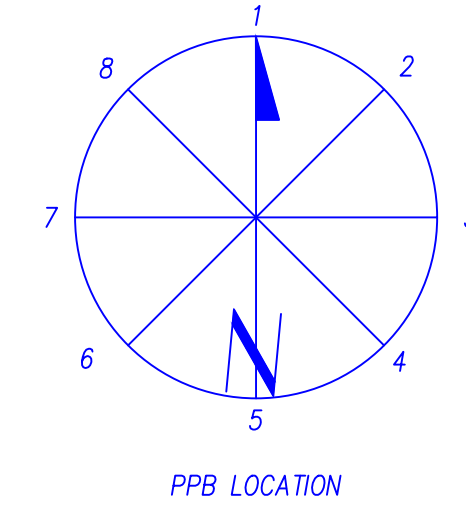
FLASHING OPERATION SHALL BE ALL RED.

TRAFFIC SIGNAL GENERAL NOTES *

- PULL BOXES SHALL BE NO. 6 AND CONDUIT 3" UNLESS NOTED OTHERWISE.
- LOCATIONS OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE AND VERIFY THE EXACT LOCATIONS AND CONDITIONS ON THE JOB SITE.
- THE TRAFFIC SIGNAL CONTRACTOR SHALL OBTAIN A TRAFFIC CONTROL PLAN PERMIT FROM THE CITY OF SAN DIEGO DEVELOPMENT SERVICES DEPARTMENT PERMIT CENTER A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO START OF WORK.
- ALL TRAFFIC SIGNAL POLE FOUNDATIONS SHALL HAVE A 3" CONDUIT INSTALLED TO THE ADJACENT NO. 6 PULL BOX. THE CONTROLLER FOUNDATION SHALL HAVE A SPARE 3" CONDUIT INSTALLED TO THE ADJACENT NO. 6 PULL BOX FOR FUTURE USE AS SHOWN ON CONDUIT SCHEDULE. (NEEDS TO BE ADDED AS A NOTE AT THE BOTTOM OF THE CONDUIT SCHEDULE)
 - ALL CONDUIT CROSSINGS SHALL INCLUDE A MINIMUM OF TWO (2) 3" CONDUITS.
- 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.
 - THE TRAFFIC SIGNAL CONTRACTOR SHALL OBTAIN THE APPROVAL OF CITY RESIDENT TRAFFIC ENGINEER (ETS DIVISION) OF THE LOOP LOCATIONS PRIOR TO CUTTING, AS WELL AS, PRIOR TO ANY INSTALLATION AND/OR REMOVAL OF STRIPING, PAVEMENT MARKING, PARKING REMOVAL AND SIGN LOCATIONS.
 - THE TRAFFIC SIGNAL CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL UNNECESSARY AND CONFLICTING STRIPING AND PAVEMENT MARKINGS.
 - THE TRAFFIC SIGNAL CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL PAVEMENT MARK-OUTS.
- THE TRAFFIC SIGNAL CONTRACTOR SHALL NOT ERECT ANY SIGNAL STANDARDS MORE THAN THREE (3) WEEKS PRIOR TO SCHEDULED TRAFFIC SIGNAL TURN-ON.
- CONTRACTOR SHALL PROVIDE ALL CABLING AND CONDUCTORS NECESSARY TO PERFORM ALL FUNCTIONS SHOWN ON THESE PLANS.
- 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 ON CONSTRUCTION AND AS DIRECTED BY THE CITY OF SAN DIEGO.
- ROUTING AND LOCATIONS OF UNDERGROUND ELECTRICAL SYSTEM IS DIAGRAMMATIC AND SUBJECT TO APPROVAL OF THE CITY ELECTRICAL ENGINEER. UNDERGROUND ELECTRICAL LINES AND SUBSURFACE STRUCTURES MAY BE RELOCATED IF NECESSARY TO CLEAR OTHER EXISTING UNDERGROUND FACILITIES.
- 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.
- ALL VEHICLE HEADS SHALL BE 12" L.E.D WITH AN INCANDESCENT LOOK AND BACKPLATES.
- ALL VEHICLE DETECTOR LOOPS SHALL BE TYPE "E" AS SHOWN ON THIS PLAN.
 - DETECTOR LOOPS SHALL BE 6' DIAMETER WITH 10' SPACING AND POSITIONED IN CENTER OF LANE UNLESS OTHERWISE SHOWN.
 - FRONT DETECTOR LOOPS SHALL BE TYPE "E" MODIFIED LOOPS PER SDE-104.
 - ALL LOOP LAYOUTS SHALL INCLUDE LAYOUT OF HOMERUN LINES, WHICH MUST BE APPROVED PRIOR TO INSTALLATION.
 - BICYCLE DETECTOR LOOPS SHALL BE TYPE D.
- PEDESTRIAN SIGNAL INDICATIONS AND PUSH BUTTONS SHALL BE INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNAL INDICATIONS SHALL BE 16" X 18" L.E.D COUNTDOWN TIMER WITH AN INCANDESCENT LOOK. PEDESTRIAN PUSH BUTTONS SHALL BE 2" PER ADA REQUIREMENTS.
- ALL CROSSWALKS SHALL BE CONTINENTAL TYPE PER SDM-116.
- PEDESTRIAN PUSH BUTTON HOUSING COLOR SHALL MATCH COLOR NO. 33538 OF FED-STD-595 WHEN PEDESTRIAN PUSH BUTTONS ARE PLACED ON A TRAFFIC SIGNAL POLE.

POLE SCHEDULE *											
NO.	TYPE	STANDARD		LUMINARE LED	PLACEMENT		SIGNAL MOUNTING VEHICLE	PEDESTRIAN SIGNAL	PPB	REMARKS	
		HGT	SIG. M.A.		A	B					
(A)	-	-	-	-	-	-	-	-	-	-	-
(B)	-	-	-	-	-	-	-	-	-	-	-
(C)	-	-	-	-	-	-	-	-	-	-	-
(D)	-	-	-	-	-	-	-	-	-	-	-
(E)	-	-	-	-	-	-	-	-	-	-	-
(F)	-	-	-	-	-	-	-	-	-	-	-

ALL VEHICLE HEADS SHALL BE 12" WITH BACKPLATES AND GLASS LENSES. ANCHOR BOLT NUT COVERS SHALL BE PROVIDED.



DETECTOR ASSIGNMENT *

DETECTOR	PHASE	SLOT	FIELD TERMINAL
1	2	I2U	T2-5 & 6
2	2	I2L	T2-7 & 8
3	2	I3U	T2-9 & 10
4	2	I3L	T2-11 & 12
5	2	I4U	T4-1 & 2
6	2	I4L	T4-3 & 4
7	5	J1U	T3-1 & 2
8	5	J1L	T3-3 & 4
9	5	J9U	T7-9 & 10
10	4	I6U	T4-9 & 10
11	4	I6L	T4-11 & 12
12	4	I7U	T6-1 & 2
13	4	I7L	T6-3 & 4
14	4	I8U	T6-5 & 6
15	4	I8L	T6-7 & 8
16	7	J5U	T5-5 & 6
17	7	J5L	T5-7 & 8
18	7	J9L	T7-11 & 12
19	6	J2U	T3-5 & 6
20	6	J2L	T3-7 & 8
21	6	J3U	T3-9 & 10
22	6	J3L	T3-11 & 12
23	6	J4U	T5-1 & 2
24	6	J4L	T5-3 & 4
25	1	I1U	T2-1 & 2
26	1	I1L	T2-3 & 4
27	1	I9U	T6-9 & 10
28	8	J6U	T5-9 & 10
29	8	J6L	T5-11 & 12
30	9	J7U	T7-1 & 2
31	8	J7L	T7-3 & 4
32	8	J8U	T7-5 & 6
33	8	J8L	T7-7 & 8
34	3	I5U	T4-5 & 6
35	3	I5L	T4-7 & 8
36	3	I9L	T6-11 & 12
PPB	2	I12U	T8-4 & COM 6
PPB	4	I12L	T8-5 & COM 6
PPB	6	I13U	T8-7 & COM 9
PPB	8	I13L	T8-9 & COM 9
EVA	2+5	J12U	T9-4 & COM 6
EVB	4+7	J13U	T9-7 & COM 9
EVC	1+6	J12L	T9-5 & COM 6
EVC	3+8	J13L	T9-8 & COM 9
FLASH SENSE	I14U	T8-10 & COM 12	
STOP TIMING	I14L	T8-11 & COM 12	
RR1 FLASH	J14U	T9-10 & COM 12	
RR2 LTD OPE	J14L	T9-11 & COM 12	

COMPANY NAME
COMPANY INFO/ADDRESS/LOGO

SIGNATURE R.C.E. NO. _____ DATE

PLACE RCE STAMP
MIN 1.5" DIA.

PRIVATE CONTRACT

* IF APPLICABLE

<p>WARNING</p> <p>IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.</p>	<p>TRAFFIC SIGNAL PLANS FOR:</p> <p>PROJECT NAME</p> <p>BRIEF LEGAL DESCRIPTION AND/OR STREETS WITH CROSS STREETS</p>																																									
	<p>The City of SAN DIEGO</p> <p>FOR CITY APPROVAL</p>	<p>DEVELOPMENT SERVICES DEPARTMENT</p> <p>SHEET 08 OF XX SHEETS</p> <p>APPROVED:</p> <table border="1"> <thead> <tr> <th>DESCRIPTION</th> <th>BY</th> <th>APPROVED</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>ORIGINAL</td> <td>XXX</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>AS BUILTS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CONTRACTOR</td> <td></td> <td></td> <td>DATE STARTED</td> </tr> <tr> <td>INSPECTOR</td> <td></td> <td></td> <td>DATE COMPLETED</td> </tr> </tbody> </table>	DESCRIPTION	BY	APPROVED	DATE	ORIGINAL	XXX																							AS BUILTS				CONTRACTOR			DATE STARTED	INSPECTOR			DATE COMPLETED
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