


UTILITY CONSTRUCTION PLAN WORK TO BE DONE

- VICINITY MAP
NTS
- 

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE SPECIFICATIONS AND STANDARD DRAWINGS OF THE CITY OF SAN DIEGO.

<u>DOCUMENT NO.</u>	<u>DESCRIPTION</u>
PWPI010119-01	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK), 2018 EDITION
PWPI010119-02	CITY OF SAN DIEGO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (WHITEBOOK), 2018 EDITION
PWPI010119-04	CITYWIDE COMPUTER AIDED DESIGN AND DRAFTING (CADD) STANDARDS, 2018 EDITION
PWPI042220-09	CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES REVISION 5(CA MUTCD REV4), 2014 EDITION
PWPI030119-05	CALIFORNIA DEPARTMENT OF TRANSPORTATION U.S. CUSTOMARY STANDARD SPECIFICATIONS, 2018 EDITION

<u>DOCUMENT NO.</u>	<u>DESCRIPTION</u>
PWPI010119-03	CITY OF SAN DIEGO STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, 2018 EDITION
PWPI030119-06	CALIFORNIA DEPARTMENT OF TRANSPORTATION U.S. CUSTOMARY STANDARD PLANS, 2018 EDITION

PROPOSED IMPROVEMENTS

EXISTING IMPROVEMENTS

ITEM	SYMBOL
CURB & GUTTER	
SIDEWALK	
DRIVEWAY	
SIDEWALK UNDERDRAIN	
AC PAVING (SCHEDULE J)	
TRENCH RESURFACING	
WATER SERVICE	
SEWER SERVICE	

DISCIPLINE CODE (DC)

GENERAL	G
CIVIL	C
LANDSCAPE	L
TRAFFIC	T

CONSTRUCTION CHANGE TABLE					WARNING
CHANGE	BY	AFFECTED OR ADDED SHEET NUMBERS	PMT NO.	PRJ NO.	0 1/2 1

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

The City of
SAN DIEGO
 DEVELOPMENT SERVICES DEPARTMENT

REFERENCE DRAWINGS

CONSTRUCTION PLANS FOR:

STREET NAME
(Cross Street) to (Cross Street)

SHEET OF SHEETS				PMT NO. _____
				PRJ NO. _____
DESCRIPTION	BY	APPROVED	DATE	XXXX-XXXX NAD83 COORDINATES
ORIGINAL	XXX			XXXX-XXXX LAMBERT COORDINATES
				<div style="border: 1px solid black; width: 100px; height: 100px; margin: 0 auto;"></div> <div style="text-align: center; font-size: 2em; margin-top: 10px;">GO</div>

STREET EXCAVATION TABLE									
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 62.1208-10	TRENCH WIDTH (FT)	TRENCH LENGTH (FT)	STREET MORATORIUM (Y/N)

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). 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 #_____

NAME

P.L.S. / R.C.E. NO. XXXXX

EXP. XX-XX-XX

DATE

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

EXP. XX-XX-XX

DATE

COMPANY NAME
COMPANY INFO/ADDRESS/LOGO

<div>WARNING</div> <div><div>01/21</div></div> <div>IF THIS BAR DOES NOT MEASURE 1" THEN DWG IS NOT TO SCALE.</div>	<div>The City of</div> <div>SAN DIEGO</div> <div>DEVELOPMENT SERVICES DEPARTMENT</div>	<div>CONSTRUCTION PLANS FOR:</div> <div>STREET NAME</div> <div>(Cross Street) to (Cross Street)</div>							
				SHEET OF SHEETS			PMT NO. _____		
							PRJ NO. _____		
				DESCRIPTION	BY	APPROVED	DATE	XXXX-XXXX	
				ORIGINAL	XXX			NAD83 COORDINATES	
								XXX-XXXX	
								LAMBERT COORDINATES	
									G02

TRAFFIC CONTROL NOTES (5000 ADT OR MORE) *

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, DEVELOPMENT SERVICE DEPARTMENT, 101 ASH STREET, 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) 495-4742 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), 2018 EDITION	2018	PWPI010119-01
CITY OF SAN DIEGO STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, 2018 EDITION	2018	PWPI010119-03
CALIFORNIA DEPARTMENT OF TRANSPORTATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (REVISION 6), 2014 EDITION	2014	PWPI060121-10

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:

FIRE DEPARTMENT DISPATCH	(STREET OR ALLEY CLOSURE)	(858) 573-1300
POLICE DEPARTMENT DISPATCH	(STREET OR ALLEY CLOSURE)	(858) 495-7800
ENVIRONMENTAL SERVICES	(REFUSE COLLECTION)	(858) 492-5060
STREET DIVISION	(TRAFFIC SIGNALS)	(619) 527-7500
METROPOLITAN TRANSIT SYSTEM (MTS)	(BUS STOPS)	(619) 238-0100 EXT. 6451
METROPOLITAN TRANSIT SYSTEM (MTS)	(TAXI ZONES)	(619) 235-2644
METROPOLITAN TRANSIT SYSTEM (MTS)	(TROLLEY LINES)	(619) 595-4930
UNDERGROUND SERVICE ALERT	(ANY EXCAVATION)	(800) 422-4133
U.S. NAVY	(32ND 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 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.

6. EXCAVATIONS: EXCEPT WHEN OTHERWISE SHOWN ON THE PLANS, ALL TRENCHES SHALL BE BACKFILLED OR TRENCH-PLATED AT THE END OF EACH WORKDAY. 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) 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 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.

COMPANY NAME
COMPANY INFO/ADDRESS/LOGO

TRAFFIC CONTROL NOTE (LESS THAN 5000 ADT)*

THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN (11"x17") FOR APPROVAL PRIOR TO STARTING WORK. THE PLAN SHALL BE SUBMITTED TO THE TRAFFIC CONTROL PERMIT COUNTER, DEVELOPMENT SERVICE DEPARTMENT , 101 ASH STREET, SAN DIEGO, (619) 446-5150. 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.

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:

DESCRIPTION	EDITION	DOCUMENT NO.
STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK), 2018 EDITION	2018	PWPI010119-01
CITY OF SAN DIEGO STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, 2018 EDITION	2018	PWPI010119-03
CALIFORNIA DEPARTMENT OF TRANSPORTATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (REVISION 6), 2014 EDITION	2014	PWPI060121-10

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 SDM-104.

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 RELOCATED OR TO REMAIN.

8. MARKED 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 (858) 495-4742 A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO AND UPON COMPLETION OF STRIPING AND SIGNING.

* IF APPLICABLE

WARNING

0

1/2

1

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

The City of

SAN DIEGO

DEVELOPMENT SERVICES DEPARTMENT

CONSTRUCTION PLANS FOR:

STREET NAME

(Cross Street) to (Cross Street)

SHEET OF SHEETS

DESCRIPTION

BY

APPROVED

DATE

ORIGINAL

XXX

PMT NO.

PRJ NO.

XXXX-XXXX

NAD83 COORDINATES

XXX-XXXX

LAMBERT COORDINATES

T01

STREET LIGHT NOTES *

1. ALL STREET LIGHT LUMINAIRES SHALL CONFORM TO THE CITY OF SAN DIEGO:

a. STREET DESIGN MANUAL, MARCH 2017
(https://www.sandiego.gov/sites/default/files/street_design_manual_march_2017-final.pdf)
b. STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, 2018
(https://www.sandiego.gov/sites/default/files/standard_drawings_2018_edition_effective_january_1_2019_2.pdf)
c. 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 LUMINAIRES 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

STREET LIGHT #	STREET NAME	LOCATION REFERENCE**	CORNER/ STREET SIDE	TYPE OF WORK LUMINAIRE ITEM #	POLE TYPE/ ITEM #
1	Sample St	@ Sample Dr	NEC	(N) Z14	15
2	Sample Blvd	E/O Sample Ct, 60'	S	(R,U) YM4	DB
3	Sample Rd	N/O Sample Pl, 45'	W	(U) T	P-T

** 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 VICINITY.
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 (858) 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. INQUIRIES CAN BE DIRECTED TO THE PARK & RECREATION DEPARTMENT, OPEN SPACE DIVISION AT (619) 685-1350.
14. ALL PRIVATE STREET LIGHTS SHALL HAVE A SEPARATE SERVICE POINT AND SHALL NOT BE CONNECTED TO CITY CIRCUITS.
15. PRIVATE STREET LIGHTS SHOWN ON THESE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY. PROPOSED PRIVATE STREET LIGHTS SHALL BE PERMITTED AND INSPECTED UNDER A SEPARATE ELECTRICAL PERMIT.

COMPANY NAME
COMPANY INFO/ADDRESS/LOGO

* IF APPLICABLE

<div>WARNING</div> <div>01/21</div> <div>IF THIS BAR DOES NOT MEASURE 1" THEN DWG IS NOT TO SCALE.</div>		<div>The City of</div> <div>SAN DIEGO</div> <div>DEVELOPMENT SERVICES DEPARTMENT</div>		<div>CONSTRUCTION PLANS FOR:</div> <div>STREET NAME</div> <div>(Cross Street) to (Cross Street)</div>					
				SHEET OF SHEETS			PMT NO. _____		
							PRJ NO. _____		
				DESCRIPTION	BY	APPROVED	DATE	XXXX-XXXX NAD83 COORDINATES	
				ORIGINAL	XXX				
								XXX-XXXX LAMBERT COORDINATES	
						T02			

TRAFFIC SIGNAL GENERAL NOTES *

1. PULL BOXES SHALL BE NO. 6 AND CONDUIT 3"UNLESS NOTED OTHERWISE.
2. 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.
3. 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.
4. 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)

A. ALL CONDUIT CROSSINGS SHALL INCLUDE A MINIMUM OF TWO (2) 3"CONDUITS.
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 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.

B. THE TRAFFIC SIGNAL CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL UNNECESSARY AND CONFLICTING STRIPING AND PAVEMENT MARKINGS.

C. THE TRAFFIC SIGNAL CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL PAVEMENT MARK-OUTS.
6. THE TRAFFIC SIGNAL CONTRACTOR SHALL NOT ERECT 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 ON 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 CITY ELECTRICAL 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 HEADS SHALL BE 12"L.E.D WITH AN INCANDESCENT LOOK AND BACKPLATES.
12. ALL VEHICLE DETECTOR LOOPS SHALL BE TYPE "E"AS SHOWN ON THIS PLAN.

A. DETECTOR LOOPS SHALL BE 6' DIAMETER WITH 10' SPACING AND POSITIONED IN CENTER OF LANE UNLESS OTHERWISE SHOWN.

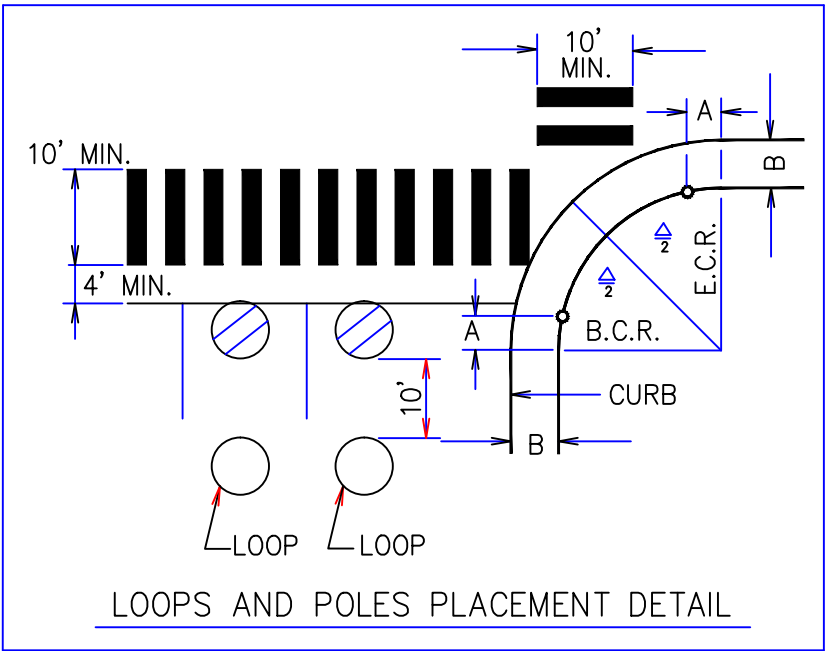
B. FRONT DETECTOR LOOPS SHALL BE TYPE "E"MODIFIED LOOPS PER SDE- 104.

C. ALL LOOP LAYOUTS SHALL INCLUDE LAYOUT OF HOMERUN LINES, WHICH MUST BE APPROVED PRIOR TO INSTALLATION.

D. BICYCLE DETECTOR LOOPS SHALL BE TYPE Q.
13. 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.
14. ALL CROSSWALKS SHALL BE CONTINENTAL TYPE PER SDM-116.
15. 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.

TRAFFIC SIGNAL CONSTRUCTION NOTES *

1. CONSTRUCT FOUNDATION, FURNISH AND INSTALL TYPE 332L 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 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 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... SIGN.
6. INSTALL TYPE "A" HANDHOLE PER ES-5D WITH LOCKING COVER. NO SPLICING IN HANDHOLE.
7. 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.
8. INSTALL PEDESTRIAN BARRICADE PER CITY OF SAN DIEGO STANDARD DRAWINGS SDE-103.



* IF APPLICABLE

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

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

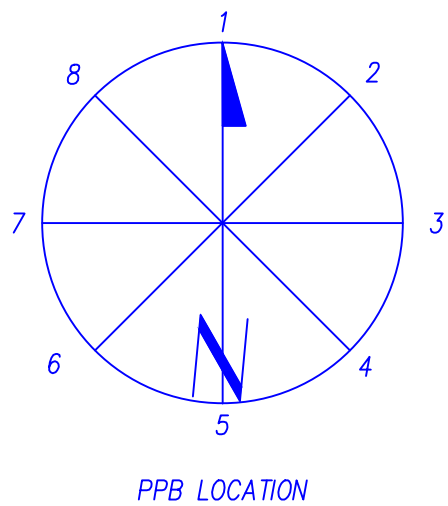
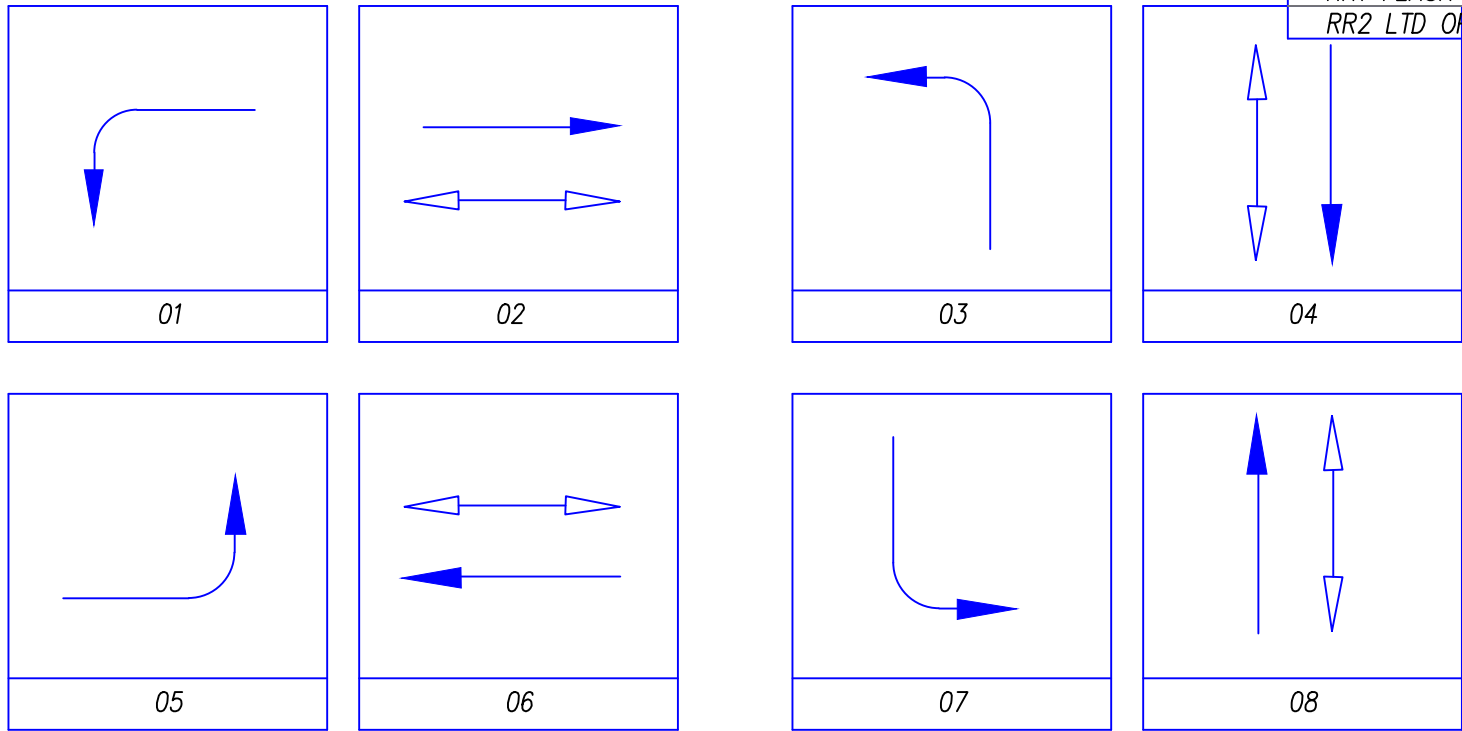
DETECTOR ASSIGNMENT *

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	8	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	T8-8 & 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

CONDUCTOR TABLE *

CONDUCTOR TABLE *			CONDUIT SIZE & RUN					
AWG SIZE OR CABLE TYPE	P H A S E	POLE OR CIRCUIT	3" 1	3" 2	3" 3	3" 4	3" 5	2-3" 6
C O N D U C T O R S 3	C O N D U C T O R S 12	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	—	—	—	—	—	—
T Y P E "B" D L C	1	LOOP DETECTOR	—	—	—	—	—	—
	2	" "	—	—	—	—	—	—
	3	" "	—	—	—	—	—	—
	4	" "	—	—	—	—	—	—
	5	" "	—	—	—	—	—	—
	6	" "	—	—	—	—	—	—
	7	" "	—	—	—	—	—	—
	8	" "	—	—	—	—	—	—
TOTAL DLC			—	—	—	—	—	—
EMERGENCY VEHICLE DETECTOR (EV-DLC)			—	—	—	—	—	—
TOTAL			—	—	—	—	—	—
PERCENT FILL			—	—	—	—	—	—

PHASE DIAGRAM *



FLASHING OPERATION SHALL BE ALL RED.

COMPANY NAME
COMPANY INFO/ADDRESS/LOGO

<div>WARNING</div> <div>0 1/2 1</div> <div>IF THIS BAR DOES NOT MEASURE 1" THEN DWG IS NOT TO SCALE.</div>	<div>The City of</div> <div>SAN DIEGO</div> <div>DEVELOPMENT SERVICES DEPARTMENT</div>	CONSTRUCTION PLANS FOR:				
		STREET NAME (Cross Street) to (Cross Street)				
SHEET OF SHEETS				PMT NO. _____		
DESCRIPTION BY APPROVED DATE				PRJ NO _____		
ORIGINAL	XXX			XXXX-XXXX NAD83 COORDINATES		
				XXX-XXXX LAMBERT COORDINATES		

CONSTRUCTION BMP GENERAL NOTES

PRIOR TO ANY SOIL DISTURBANCE, TEMPORARY EROSION AND SEDIMENT CONTROL SHALL BE INSTALLED BY THE CONTRACTOR OR QUALIFIED PERSON(S) AS INDICATED BELOW:

1. ALL REQUIREMENTS OF THE CITY OF SAN DIEGO "LAND DEVELOPMENT MANUAL, STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVEMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND/OR WATER POLLUTION CONTROL PLAN (WPCP) FOR CONSTRUCTION LEVEL BMP'S AND, IF APPLICABLE, THE STORM WATER QUALITY MANAGEMENT PLAN (SWQMP) FOR POST CONSTRUCTION TREATMENT CONTROL BMP'S.
2. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL STORM DRAIN INLETS. INLET PROTECTION IN THE PUBLIC RIGHT OF WAY MAY BE TEMPORARILY REMOVED WHERE IT IS PRONE TO FLOODING PRIOR TO A RAIN EVENT AND REINSTALLED AFTER RAIN IS OVER.
3. ALL CONSTRUCTION BMPS SHALL BE INSTALLED AND PROPERLY MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION.
4. THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING, AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION AND SEDIMENT CONTROL MEASURES.
5. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL SUB-CONTRACTORS AND SUPPLIERS ARE AWARE OF ALL STORM WATER QUALITY MEASURES AND IMPLEMENT SUCH MEASURES. FAILURE TO COMPLY WITH THE APPROVED SWPPP/WPCP WILL RESULT IN THE ISSUANCE OF CORRECTION NOTICES, CITATIONS, CIVIL PENALTIES AND/OR STOP WORK NOTICES.
6. THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF ALL SILT, DEBRIS AND MUD ON AFFECTED AND ADJACENT STREET(S) AND WITHIN STORM DRAIN SYSTEM DUE TO CONSTRUCTION VEHICLES/EQUIPMENT AND CONSTRUCTION ACTIVITY AT THE END OF EACH WORK DAY.
7. THE CONTRACTOR SHALL PROTECT NEW AND EXISTING STORM WATER CONVEYANCE SYSTEMS FROM SEDIMENTATION, CONCRETE RINSE, OR OTHER CONSTRUCTION RELATED DEBRIS AND DISCHARGES WITH THE APPROPRIATE BMPS THAT ARE ACCEPTABLE TO THE ENGINEER AND AS INDICATED IN THE SWPPP/WPCP
8. THE CONTRACTOR OR QUALIFIED CONTACT PERSON SHALL CLEAR DEBRIS, SILT, AND MUD FROM ALL DITCHES AND SWALES PRIOR TO AND WITHIN 3 BUSINESS DAYS AFTER EACH RAIN EVENT OR PRIOR TO THE NEXT RAIN EVENT, WHICHEVER IS SOONER.
9. IF A NON-STORMWATER DISCHARGE LEAVES THE SITE, THE CONTRACTOR SHALL IMMEDIATELY STOP THE ACTIVITY AND REPAIR THE DAMAGES. THE CONTRACTOR SHALL NOTIFY THE CITY RESIDENT ENGINEER OF THE DISCHARGE, PRIOR TO RESUMING CONSTRUCTION ACTIVITY. ANY AND ALL WASTE MATERIAL, SEDIMENT, AND DEBRIS FROM EACH NON-STORMWATER DISCHARGE SHALL BE REMOVED FROM THE STORM DRAIN CONVEYANCE SYSTEM AND PROPERLY DISPOSED OF BY THE CONTRACTOR. .
10. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID DEPLOYMENT OF CONSTRUCTION BMPS WHEN RAIN IS IMMINENT.
11. THE CONTRACTOR SHALL RESTORE AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL BMPS TO WORKING ORDER YEAR ROUND.
12. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES DUE TO GRADING INACTIVITY OR UNFORESEEN CIRCUMSTANCES TO PREVENT NON-STORM WATER AND SEDIMENT-LADEN DISCHARGES.
13. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
14. ALL EROSION AND SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED SWPPP/WPCP SHALL BE INSTALLED AND MAINTAINED. ALL EROSION AND SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE PROPERLY DOCUMENTED AND INSTALLED TO THE SATISFACTION OF THE RESIDENT ENGINEER.
15. UPON NOTIFICATION BY THE RESIDENT ENGINEER, THE CONTRACTOR SHALL ARRANGE FOR MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF ANY, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION AND SEDIMENT CONTROL MEASURES AND OTHER BMPS RELATIVE TO ANTICIPATED CONSTRUCTION ACTIVITIES.
16. THE CONTRACTOR SHALL CONDUCT VISUAL INSPECTIONS DAILY AND MAINTAIN ALL BMPS AS NEEDED. VISUAL INSPECTIONS AND MAINTENANCE OF ALL BMPS SHALL BE CONDUCTED BEFORE, DURING AND AFTER EVERY RAIN EVENT AND EVERY 24 HOURS DURING ANY PROLONGED RAIN EVENT. THE CONTRACTOR SHALL MAINTAIN AND REPAIR ALL BMPS AS SOON AS POSSIBLE AS SAFETY ALLOWS.
17. CONSTRUCTION ENTRANCE AND EXIT AREA. TEMPORARY CONSTRUCTION ENTRANCE AND EXITS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CASQA FACT SHEET TC-10R CALTRANS FACT SHEET TC-01 TO PREVENT TRACKING OF SEDIMENT AND OTHER POTENTIAL POLLUTANTS ONTO PAVED SURFACES AND TRAVELED WAYS. WIDTH SHALL BE 10' OR THE MINIMUM NECESSARY TO ACCOMMODATE VEHICLES AND EQUIPMENT WITHOUT BY-PASSING THE ENTRANCE.
- (a) NON-STORMWATER DISCHARGES SHALL BE EFFECTIVELY MANAGED PER THE SAN DIEGO MUNICIPAL CODE CHAPTER 4, ARTICLE 3, DIVISION 3 "STORM WATER MANAGEMENT AND DISCHARGE CONTROL".

COMPANY NAME
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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 ½ INCH) AND REPAIRED AN 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 ½ 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

1. THIS PROJECT IS SUBJECT TO MUNICIPAL CODE SECTION 4303 AND ORDER NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100
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 BMPS ARE REQUIRED, SEE SHEET(S)_____.

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 BMPS SHOWN IN THIS CHECKLIST NOTE: ALL SELECTED BMPS 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:			

IF APPLICABLE

<div>WARNING</div> <div>01/21</div> <div>IF THIS BAR DOES NOT MEASURE 1" THEN DWG IS NOT TO SCALE.</div>		<div>The City of</div> <div>SAN DIEGO</div> <div>DEVELOPMENT SERVICES DEPARTMENT</div>		<div>CONSTRUCTION PLANS FOR:</div> <div>STREET NAME</div> <div>(Cross Street) to (Cross Street)</div>					
				SHEET OF SHEETS			PMT NO. _____		
							PRJ NO. _____		
				DESCRIPTION	BY	APPROVED	DATE	XXX-XXXX NAD83 COORDINATES	
				ORIGINAL	XXX				
								XXX-XXXX LAMBERT COORDINATES	
									G03

ENVIRONMENTAL/MITIGATION REQUIREMENTS (CONT)



4. DISCOVERY PROCESS FOR SIGNIFICANT RESOURCES – PIPELINE TRENCHING AND OTHER LINEAR PROJECTS IN THE PUBLIC RIGHT-OF-WAY
- THE FOLLOWING PROCEDURE CONSTITUTES ADEQUATE EXTENUATION OF A SIGNIFICANT DISCOVERY ENCOUNTERED DURING PIPELINE TRENCHING ACTIVITIES OR FOR OTHER LINEAR PROJECT TYPES WITHIN THE PUBLIC RIGHT-OF-WAY INCLUDING BUT NOT LIMITED TO EXCAVATION FOR JACKING PITS, RECEIVING PITS, LATERALS, AND MANHOLES TO REDUCE IMPACTS TO BELOW A LEVEL OF SIGNIFICANCE:
- a. PROCEDURES FOR DOCUMENTATION, CURATION AND REPORTING
- i. ONE HUNDRED PERCENT OF THE ARTIFACTS WITHIN THE TRENCH ALIGNMENT AND WIDTH SHALL BE DOCUMENTED IN-SITU, TO INCLUDE PHOTOGRAPHIC RECORDS, PLAN VIEW OF THE TRENCH AND PROFILES OF SIDE WALLS, RECOVERED, PHOTOGRAPHED AFTER CLEANING AND ANALYZED AND CURATED. THE REMAINDER OF THE DEPOSIT WITHIN THE LIMITS OF EXCAVATION (TRENCH WALLS) SHALL BE LEFT INTACT.
- ii. THE PI SHALL PREPARE A DRAFT MONITORING REPORT AND SUBMIT TO MMC VIA THE RE AS INDICATED IN SECTION II – B.
- iii. THE PI SHALL BE RESPONSIBLE FOR RECORDING (ON THE APPROPRIATE STATE OF CALIFORNIA DEPARTMENT OF PARK AND RECREATION FORMS–DPR 523 A/B) THE RESOURCE(S) ENCOUNTERED DURING THE ARCHAEOLOGICAL MONITORING PROGRAM IN ACCORDANCE WITH THE CITY’S HISTORICAL RESOURCES GUIDELINES. THE DPR FORMS SHALL BE SUBMITTED TO THE SOUTH COASTAL INFORMATION CENTER FOR EITHER A PRIMARY RECORD OR SDI NUMBER AND INCLUDED IN THE FINAL MONITORING REPORT.
- iv. THE FINAL MONITORING REPORT SHALL INCLUDE A RECOMMENDATION FOR MONITORING OF ANY FUTURE WORK IN THE VICINITY OF THE RESOURCE.
5. DISCOVERY OF HUMAN REMAINS
- IF HUMAN REMAINS ARE DISCOVERED, WORK SHALL HALT IN THAT AREA AND NO SOIL SHALL BE EXPORTED OFF-SITE UNTIL A DETERMINATION CAN BE MADE REGARDING THE PROVENANCE OF THE HUMAN REMAINS; AND THE FOLLOWING PROCEDURES AS SET FORTH IN CEQA SECTION 15064.5(E), THE CALIFORNIA PUBLIC RESOURCES CODE (SEC. 5097.98) AND STATE HEALTH AND SAFETY CODE (SEC. 7050.5) SHALL BE UNDERTAKEN:
- a. NOTIFICATION
- i. ARCHAEOLOGICAL MONITOR SHALL NOTIFY THE RE OR BI AS APPROPRIATE, MMC, AND THE PI, IF THE MONITOR IS NOT QUALIFIED AS A PI. MMC WILL NOTIFY THE APPROPRIATE SENIOR PLANNER IN THE ENVIRONMENTAL ANALYSIS SECTION (EAS) OF THE DEVELOPMENT SERVICES DEPARTMENT TO ASSIST WITH THE DISCOVERY NOTIFICATION PROCESS.
- ii. THE PI SHALL NOTIFY THE MEDICAL EXAMINER AFTER CONSULTATION WITH THE RE, EITHER IN PERSON OR VIA TELEPHONE.
- b. ISOLATE DISCOVERY SITE
- i. WORK SHALL BE DIRECTED AWAY FROM THE LOCATION OF THE DISCOVERY AND ANY NEARBY AREA REASONABLY SUSPECTED TO OVERLAY ADJACENT HUMAN REMAINS UNTIL A DETERMINATION CAN BE MADE BY THE MEDICAL EXAMINER IN CONSULTATION WITH THE PI CONCERNING THE PROVENIENCE OF THE REMAINS.
- ii. THE MEDICAL EXAMINER, IN CONSULTATION WITH THE PI, WILL DETERMINE THE NEED FOR A FIELD EXAMINATION TO DETERMINE THE PROVENIENCE.
- iii. IF A FIELD EXAMINATION IS NOT WARRANTED, THE MEDICAL EXAMINER WILL DETERMINE WITH INPUT FROM THE PI, IF THE REMAINS ARE OR ARE MOST LIKELY TO BE OF NATIVE AMERICAN ORIGIN.
- c. IF HUMAN REMAINS ARE DETERMINED TO BE NATIVE AMERICAN
- i. THE MEDICAL EXAMINER WILL NOTIFY THE NATIVE AMERICAN HERITAGE COMMISSION (NAHC) WITHIN 24 HOURS. BY LAW, ONLY THE MEDICAL EXAMINER CAN MAKE THIS CALL.
- ii. NAHC WILL IMMEDIATELY IDENTIFY THE PERSON OR PERSONS DETERMINED TO BE THE MOST LIKELY DESCENDENT (MLD) AND PROVIDE CONTACT INFORMATION.
- iii. THE MLD WILL CONTACT THE PI WITHIN 24 HOURS OR SOONER AFTER THE MEDICAL EXAMINER HAS COMPLETED COORDINATION, TO BEGIN THE CONSULTATION PROCESS IN ACCORDANCE WITH CEQA SECTION 15064.5(E), THE CALIFORNIA PUBLIC RESOURCES AND HEALTH & SAFETY CODES.
- iv. THE MLD WILL HAVE 48 HOURS TO MAKE RECOMMENDATIONS TO THE PROPERTY OWNER OR REPRESENTATIVE, FOR THE TREATMENT OR DISPOSITION WITH PROPER DIGNITY, OF THE HUMAN REMAINS AND ASSOCIATED GRAVE GOODS.
- v. DISPOSITION OF NATIVE AMERICAN HUMAN REMAINS WILL BE DETERMINED BETWEEN THE MLD AND THE PI, AND, IF:
- a. THE NAHC IS UNABLE TO IDENTIFY THE MLD, OR THE MLD FAILED TO MAKE A RECOMMENDATION WITHIN 48 HOURS AFTER BEING GRANTED ACCESS TO THE SITE, OR;
- b. THE LANDOWNER OR AUTHORIZED REPRESENTATIVE REJECTS THE RECOMMENDATION OF THE MLD AND MEDIATION IN ACCORDANCE WITH PRC 5097.94 (K) BY THE NAHC FAILS TO PROVIDE MEASURES ACCEPTABLE TO THE LANDOWNER, THE LANDOWNER SHALL REINTER THE HUMAN REMAINS AND ITEMS ASSOCIATED WITH NATIVE AMERICAN HUMAN REMAINS WITH APPROPRIATE DIGNITY ON THE PROPERTY IN A LOCATION NOT SUBJECT TO FURTHER AND FUTURE SUBSURFACE DISTURBANCE. THEN
- c. TO PROTECT THESE SITES, THE LANDOWNER SHALL DO ONE OR MORE OF THE FOLLOWING:
- (1) RECORD THE SITE WITH THE NAHC; OR
- (2) RECORD AN OPEN SPACE OR CONSERVATION EASEMENT; OR
- (3) RECORD A DOCUMENT WITH THE COUNTY. THE DOCUMENT SHALL BE TITLED "NOTICE OF REINTERMENT OF NATIVE AMERICAN REMAINS" AND SHALL INCLUDE A LEGAL DESCRIPTION OF THE PROPERTY, THE NAME OF THE PROPERTY OWNER, AND THE OWNER’S ACKNOWLEDGED SIGNATURE, IN ADDITION TO ANY OTHER INFORMATION REQUIRED BY PRC 5097.98. THE DOCUMENT SHALL BE INDEXED AS A NOTICE UNDER THE NAME OF THE OWNER.
- d. DISTURBING LAND DEVELOPMENT ACTIVITY, THE LANDOWNER MAY AGREE THAT ADDITIONAL CONFERRAL WITH DESCENDANTS IS NECESSARY TO CONSIDER CULTURALLY APPROPRIATE TREATMENT OF MULTIPLE NATIVE AMERICAN HUMAN REMAINS. CULTURALLY APPROPRIATE TREATMENT OF SUCH A DISCOVERY MAY BE ASCERTAINED FROM REVIEW OF THE SITE UTILIZING CULTURAL AND ARCHAEOLOGICAL STANDARDS. WHERE THE PARTIES ARE UNABLE TO AGREE ON THE APPROPRIATE TREATMENT MEASURES THE HUMAN REMAINS AND ITEMS ASSOCIATED AND BURIED WITH NATIVE AMERICAN HUMAN REMAINS SHALL BE REINTERRED WITH APPROPRIATE DIGNITY, PURSUANT TO SECTION 5–C ABOVE.
- d. IF HUMAN REMAINS ARE NOT NATIVE AMERICAN
- i. THE PI SHALL CONTACT THE MEDICAL EXAMINER AND NOTIFY THEM OF THE HISTORIC ERA CONTEXT OF THE BURIAL.
- ii. THE MEDICAL EXAMINER WILL DETERMINE THE APPROPRIATE COURSE OF ACTION WITH THE PI AND CITY STAFF (PRC 5097.98).
- iii. IF THE REMAINS ARE OF HISTORIC ORIGIN, THEY SHALL BE APPROPRIATELY REMOVED AND CONVEYED TO THE SAN DIEGO MUSEUM OF MAN FOR ANALYSIS. THE DECISION FOR INTERNMENT OF THE HUMAN REMAINS SHALL BE MADE IN CONSULTATION WITH MMC, EAS, THE APPLICANT/LANDOWNER, ANY KNOWN DESCENDANT GROUP, AND THE SAN DIEGO MUSEUM OF MAN.

COMPANY NAME
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6. NIGHT AND/OR WEEKEND WORK
- a. IF NIGHT AND/OR WEEKEND WORK IS INCLUDED IN THE CONTRACT
- i. WHEN NIGHT AND/OR WEEKEND WORK IS INCLUDED IN THE CONTRACT PACKAGE, THE EXTENT AND TIMING SHALL BE PRESENTED AND DISCUSSED AT THE PRECON MEETING.
- ii. THE FOLLOWING PROCEDURES SHALL BE FOLLOWED.
1. NO DISCOVERIES
- IN THE EVENT THAT NO DISCOVERIES WERE ENCOUNTERED DURING NIGHT AND/OR WEEKEND WORK, THE PI SHALL RECORD THE INFORMATION ON THE CSVR AND SUBMIT TO MMC VIA FAX BY 8AM OF THE NEXT BUSINESS DAY.
2. DISCOVERIES
- ALL DISCOVERIES SHALL BE PROCESSED AND DOCUMENTED USING THE EXISTING PROCEDURES DETAILED IN SECTIONS III – DURING CONSTRUCTION, AND IV – DISCOVERY OF HUMAN REMAINS. DISCOVERY OF HUMAN REMAINS SHALL ALWAYS BE TREATED AS A SIGNIFICANT DISCOVERY.
- b. POTENTIALLY SIGNIFICANT DISCOVERIES
- i. IF THE PI DETERMINES THAT A POTENTIALLY SIGNIFICANT DISCOVERY HAS BEEN MADE, THE PROCEDURES DETAILED UNDER SECTION II–C DURING CONSTRUCTION AND DISCOVERY OF HUMAN REMAINS SHALL BE FOLLOWED.
- a. THE PI SHALL IMMEDIATELY CONTACT THE RE AND MMC, OR BY 8AM OF THE NEXT BUSINESS DAY TO REPORT AND DISCUSS THE FINDINGS AS INDICATED IN SECTION III–B, UNLESS OTHER SPECIFIC ARRANGEMENTS HAVE BEEN MADE.
- c. IF NIGHT AND/OR WEEKEND WORK BECOMES NECESSARY DURING THE COURSE OF CONSTRUCTION
- i. THE CM SHALL NOTIFY THE RE, OR BI, AS APPROPRIATE, A MINIMUM OF 24 HOURS BEFORE THE WORK IS TO BEGIN.
- ii. THE RE, OR BI, AS APPROPRIATE, SHALL NOTIFY MMC IMMEDIATELY.
- d. ALL OTHER PROCEDURES DESCRIBED ABOVE SHALL APPLY, AS APPROPRIATE.
7. POST CONSTRUCTION
- a. SUBMITTAL OF DRAFT MONITORING REPORT
- i. THE PI SHALL SUBMIT TWO COPIES OF THE DRAFT MONITORING REPORT (EVEN IF NEGATIVE), PREPARED IN ACCORDANCE WITH THE HISTORICAL RESOURCES GUIDELINES (APPENDIX C/D) WHICH DESCRIBES THE RESULTS, ANALYSIS, AND CONCLUSIONS OF ALL PHASES OF THE ARCHAEOLOGICAL MONITORING PROGRAM (WITH APPROPRIATE GRAPHICS) TO MMC VIA THE RE FOR REVIEW AND APPROVAL WITHIN 90 DAYS FOLLOWING THE COMPLETION OF MONITORING. IT SHOULD BE NOTED THAT IF THE PI IS UNABLE TO SUBMIT THE DRAFT MONITORING REPORT WITHIN THE ALLOTTED 90-DAY TIMEFRAME AS A RESULT OF DELAYS WITH ANALYSIS, SPECIAL STUDY RESULTS OR OTHER COMPLEX ISSUES, A SCHEDULE SHALL BE SUBMITTED TO MMC ESTABLISHING AGREED DUE DATES AND THE PROVISION FOR SUBMITTAL OF MONTHLY STATUS REPORTS UNTIL THIS MEASURE CAN BE MET.
1. FOR SIGNIFICANT ARCHAEOLOGICAL RESOURCES ENCOUNTERED DURING MONITORING, THE ARCHAEOLOGICAL DATA RECOVERY PROGRAM OR PIPELINE TRENCHING DISCOVERY PROCESS SHALL BE INCLUDED IN THE DRAFT MONITORING REPORT.
2. RECORDING SITES WITH STATE OF CALIFORNIA DEPARTMENT OF PARKS AND RECREATION
- THE PI SHALL BE RESPONSIBLE FOR RECORDING (ON THE APPROPRIATE STATE OF CALIFORNIA DEPARTMENT OF PARK AND RECREATION FORMS–DPR 523 A/B) ANY SIGNIFICANT OR POTENTIALLY SIGNIFICANT RESOURCES ENCOUNTERED DURING THE ARCHAEOLOGICAL MONITORING PROGRAM IN ACCORDANCE WITH THE CITY’S HISTORICAL RESOURCES GUIDELINES, AND SUBMITTAL OF SUCH FORMS TO THE SOUTH COASTAL INFORMATION CENTER WITH THE FINAL MONITORING REPORT.
- ii. MMC SHALL RETURN THE DRAFT MONITORING REPORT TO THE PI VIA THE RE FOR REVISION OR, FOR PREPARATION OF THE FINAL REPORT.
- iii. THE PI SHALL SUBMIT REVISED DRAFT MONITORING REPORT TO MMC VIA THE RE FOR APPROVAL.
- iv. MMC SHALL PROVIDE WRITTEN VERIFICATION TO THE PI OF THE APPROVED REPORT.
- v. MMC SHALL NOTIFY THE RE OR BI, AS APPROPRIATE, OF RECEIPT OF ALL DRAFT MONITORING REPORT SUBMITTALS AND APPROVALS.
- b. HANDLING OF ARTIFACTS
- i. THE PI SHALL BE RESPONSIBLE FOR ENSURING THAT ALL CULTURAL REMAINS COLLECTED ARE CLEANED AND CATALOGUED
- ii. THE PI SHALL BE RESPONSIBLE FOR ENSURING THAT ALL ARTIFACTS ARE ANALYZED TO IDENTIFY FUNCTION AND CHRONOLOGY AS THEY RELATE TO THE HISTORY OF THE AREA; THAT FAUNAL MATERIAL IS IDENTIFIED AS TO SPECIES; AND THAT SPECIALTY STUDIES ARE COMPLETED, AS APPROPRIATE.
- c. CURATION OF ARTIFACTS: ACCESSION AGREEMENT AND ACCEPTANCE VERIFICATION
- i. THE PI SHALL BE RESPONSIBLE FOR ENSURING THAT ALL ARTIFACTS ASSOCIATED WITH THE SURVEY, TESTING AND/OR DATA RECOVERY FOR THIS PROJECT ARE PERMANENTLY CURATED WITH AN APPROPRIATE INSTITUTION. THIS SHALL BE COMPLETED IN CONSULTATION WITH MMC AND T HE NATIVE AMERICAN REPRESENTATIVE, AS APPLICABLE.
- ii. WHEN APPLICABLE TO THE SITUATION, THE PI SHALL INCLUDE WRITTEN VERIFICATION FROM THE NATIVE AMERICAN CONSULTANT/MONITOR INDICATING THAT NATIVE AMERICAN RESOURCES WERE TREATED IN ACCORDANCE WITH STATE LAW AND/OR APPLICABLE AGREEMENTS. IF THE RESOURCES WERE REINTERRED, VERIFICATION SHALL BE PROVIDED TO SHOW WHAT PROTECTIVE MEASURES WERE TAKEN TO ENSURE NO FURTHER DISTURBANCE OCCURS IN ACCORDANCE WITH SECTION C–5 ABOVE.
- iii. THE PI SHALL SUBMIT THE ACCESSION AGREEMENT AND CATALOGUE RECORD(S) TO THE RE OR BI, AS APPROPRIATE FOR DONOR SIGNATURE WITH A COPY SUBMITTED TO MMC.
- iv. THE RE OR BI, AS APPROPRIATE SHALL OBTAIN SIGNATURE ON THE ACCESSION AGREEMENT AND SHALL RETURN TO PI WITH COPY SUBMITTED TO MMC.
- v. THE PI SHALL INCLUDE THE ACCEPTANCE VERIFICATION FROM THE CURATION INSTITUTION IN THE FINAL MONITORING REPORT SUBMITTED TO THE RE OR BI AND MMC.
- d. FINAL MONITORING REPORT(S)
- i. THE PI SHALL SUBMIT ONE COPY OF THE APPROVED FINAL MONITORING REPORT TO THE RE OR BI AS APPROPRIATE, AND ONE COPY TO MMC (EVEN IF NEGATIVE), WITHIN 90 DAYS AFTER NOTIFICATION FROM MMC OF THE APPROVED REPORT.
- ii. THE RE SHALL, IN NO CASE, ISSUE THE NOTICE OF COMPLETION UNTIL RECEIVING A COPY OF THE APPROVED FINAL MONITORING REPORT FROM MMC WHICH INCLUDES THE ACCEPTANCE VERIFICATION FROM THE CURATION INSTITUTION.

* IF APPLICABLE

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<div>SHEET OF SHEETS</div>				PMT NO. _____			
				PRJ NO. _____			
				DESCRIPTION	BY	APPROVED	DATE
				ORIGINAL	XXX		
				XXX-XXXX LAMBERT COORDINATES			
				G05			

ENVIRONMENTAL/MITIGATION REQUIREMENTS

Section I – GENERAL REQUIREMENTS

1. SURETY AND COST RECOVERY – THE DEVELOPMENT SERVICES DIRECTOR OR CITY MANAGER MAY REQUIRE APPROPRIATE SURETY INSTRUMENTS OR BONDS FROM PRIVATE PERMIT HOLDERS TO ENSURE THE LONG-TERM PERFORMANCE OR IMPLEMENTATION OF REQUIREMENTS 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.
2. PRECONSTRUCTION MEETING IS REQUIRED TEN (10) DAYS PRIOR TO BEGINNING ANY WORK ON THIS PROJECT. THE PERMIT HOLDER OR OWNER IS RESPONSIBLE TO ARRANGE AND PERFORM THIS MEETING BY CONTACTING THE CITY RESIDENT ENGINEER (RE) OF THE CONSTRUCTION MANAGEMENT AND FIELD ENGINEERING (CMFE) DIVISION AND CITY STAFF FROM MITIGATION MONITORING COORDINATION (MMC). ATTENDEES MUST ALSO INCLUDE THE PERMIT HOLDER’S REPRESENTATIVE(S), JOB SITE SUPERINTENDENT AND THE FOLLOWING CONSULTANTS: QUALIFIED ARCHAEOLOGIST AND NATIVE AMERICAN MONITOR

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 CMFE DIVISION – 858-627-3200
- b) FOR CLARIFICATION OF ENVIRONMENT REQUIREMENTS, CALL THE RE AND MMC AT 858-627-3360
3. COMPLIANCE: THIS PROJECT SHALL CONFORM TO THE ENVIRONMENTAL REQUIREMENTS TO THE SATISFACTION OF THE MMC AND 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 VERIFYING PROOF, ETC.). ADDITIONAL CLARIFYING INFORMATION MAY ALSO BE ADDED TO OTHER RELEVANT PLAN SHEETS AND/OR SPECIFICATIONS AS APPROPRIATE (I.E., SPECIFIC LOCATIONS, TIMES OF MONITORING, METHODOLOGY, ETC
- NOTE: PERMIT HOLDER’S REPRESENTATIVES MUST ALERT RE AND MMC IF THERE ARE ANY DISCREPANCIES IN THE PLANS OR NOTES, OR ANY CHANGES DUE TO FIELD CONDITIONS. ALL CONFLICTS MUST BE APPROVED BY RE AND MMC BEFORE THE WORK IS PERFORMED.
4. MONITORING EXHIBITS: ALL CONSULTANTS ARE REQUIRED TO SUBMIT, TO RE AND MMC, A MONITORING EXHIBIT ON A 11X17 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 NECESSARY FOR CLARIFICATION, A DETAILED METHODOLOGY OF HOW THE WORK WILL BE PERFORMED SHALL BE INCLUDED.
5. OTHER SUBMITTALS AND INSPECTIONS: THE PERMIT HOLDER OR OWNER’S REPRESENTATIVE SHALL SUBMIT ALL REQUIRED DOCUMENTATION, VERIFICATION LETTERS, AND REQUESTS FOR ALL ASSOCIATED INSPECTIONS TO THE RE AND MMC FOR APPROVAL PER THE FOLLOWING SCHEDULE:

DOCUMENT SUBMITTAL/INSPECTION CHECKLIST		
ISSUE AREA	DOCUMENT SUBMITTAL	ASSOCIATED INSPECTION/ APPROVALS/ NOTES
GENERAL	CONSULTANT QUALIFICATION LETTERS	PRIOR TO PRECONSTRUCTION MEETING
GENERAL	CONSULTANT CONSTRUCTION MONITORING EXHIBITS	PRIOR TO OR AT PRECONSTRUCTION MEETING
BOND RELEASE	REQUEST FOR BOND RELEASE LETTER	FINAL INSPECTIONS PRIOR TO BOND RELEASE LETTER

Section II – ARCHAEOLOGICAL RESOURCES

- A. PRIOR TO PRECONSTRUCTION MEETING LETTERS OF QUALIFICATION.
1. 10 WORKING DAYS PRIOR TO PRECONSTRUCTION MEETING, THE APPLICANT SHALL SUBMIT A LETTER OF VERIFICATION TO MMC IDENTIFYING THE PRINCIPAL INVESTIGATOR (PI) FOR THE PROJECT AND THE NAMES OF ALL PERSONS INVOLVED IN THE ARCHAEOLOGICAL MONITORING PROGRAM, AS DEFINED IN THE CITY OF SAN DIEGO HISTORICAL RESOURCES GUIDELINES (HRG). IF APPLICABLE, INDIVIDUALS INVOLVED IN THE ARCHAEOLOGICAL MONITORING PROGRAM MUST HAVE COMPLETED THE 40-HOUR HAZWOPER TRAINING WITH CERTIFICATION DOCUMENTATION.
2. MMC WILL PROVIDE A LETTER TO THE APPLICANT CONFIRMING THE QUALIFICATIONS OF THE PI AND ALL PERSONS INVOLVED IN THE ARCHAEOLOGICAL MONITORING OF THE PROJECT MEET THE QUALIFICATIONS ESTABLISHED IN THE HRG.
3. PRIOR TO THE START OF CONSTRUCTION, THE APPLICANT MUST OBTAIN WRITTEN APPROVAL FROM MMC FOR ANY PERSONNEL CHANGES ASSOCIATED WITH THE MONITORING PROGRAM.
- B. PRIOR TO START OF CONSTRUCTION
1. VERIFICATION OF RECORDS SEARCH
- a. THE PI SHALL PROVIDE VERIFICATION TO MMC THAT A SITE-SPECIFIC RECORDS SEARCH (QUARTER- MILE RADIUS) HAS BEEN COMPLETED. VERIFICATION INCLUDES, BUT IS NOT LIMITED TO A COPY OF A CONFIRMATION LETTER FROM SOUTH COASTAL INFORMATION CENTER, OR, IF THE SEARCH WAS IN-HOUSE, A LETTER OF VERIFICATION FROM THE PI STATING THAT THE SEARCH WAS COMPLETED.
- b. THE LETTER SHALL INTRODUCE ANY PERTINENT INFORMATION CONCERNING EXPECTATIONS AND PROBABILITIES OF DISCOVERY DURING TRENCHING AND/OR GRADING ACTIVITIES.
- c. THE PI MAY SUBMIT A DETAILED LETTER TO MMC REQUESTING A REDUCTION TO THE ¼ MILE RADIUS. PI SHALL ATTEND PRECONSTRUCTION MEETINGS.
2. PRIOR TO BEGINNING ANY WORK THAT REQUIRES MONITORING; THE APPLICANT SHALL ARRANGE A PRECON MEETING THAT SHALL INCLUDE THE PI, NATIVE AMERICAN CONSULTANT/MONITOR (WHERE NATIVE AMERICAN RESOURCES MAY BE IMPACTED), CONSTRUCTION MANAGER (CM) AND/OR GRADING CONTRACTOR, RE, BI, IF APPROPRIATE, AND MMC. THE QUALIFIED ARCHAEOLOGIST AND NATIVE AMERICAN MONITOR SHALL ATTEND ANY GRADING/EXCAVATION RELATED PRECONSTRUCTION MEETINGS TO MAKE COMMENTS AND/OR SUGGESTIONS CONCERNING THE ARCHAEOLOGICAL MONITORING PROGRAM WITH THE CM AND/OR GRADING CONTRACTOR.
- a. IF THE PI IS UNABLE TO ATTEND THE PRECONSTRUCTION MEETING, THE APPLICANT SHALL SCHEDULE A FOCUSED PRECON MEETING WITH MMC, THE PI, RE, CM OR BI, IF APPROPRIATE, PRIOR TO THE START OF ANY WORK THAT REQUIRES MONITORING.
3. ACKNOWLEDGEMENT OF RESPONSIBILITY FOR CURATION (CIP OR OTHER PUBLIC PROJECTS)
- a. THE APPLICANT SHALL SUBMIT A LETTER TO MMC ACKNOWLEDGING THEIR RESPONSIBILITY FOR THE COST OF CURATION ASSOCIATED WITH ALL PHASES OF THE ARCHAEOLOGICAL MONITORING PROGRAM.
4. IDENTIFY AREAS TO BE MONITORED
- a. PRIOR TO THE START OF ANY WORK THAT REQUIRES MONITORING, THE PI SHALL SUBMIT AN ARCHAEOLOGICAL MONITORING EXHIBIT (AME) (WITH VERIFICATION THAT THE AME HAS BEEN REVIEWED AND APPROVED BY THE NATIVE AMERICAN CONSULTANT/MONITOR WHEN NATIVE AMERICAN RESOURCES MAY BE IMPACTED) BASED ON THE APPROPRIATE CONSTRUCTION DOCUMENTS (REDUCED TO 11X17) TO MMC IDENTIFYING THE AREAS TO BE MONITORED INCLUDING THE DELINEATION OF GRADING/EXCAVATION LIMITS.
- b. THE AME SHALL BE BASED ON THE RESULTS OF A SITE-SPECIFIC RECORDS SEARCH AS WELL AS INFORMATION REGARDING THE AGE OF EXISTING PIPELINES, LATERALS AND ASSOCIATED APPURTENANCES AND/OR ANY KNOWN SOIL CONDITIONS (NATIVE OR FORMATION).
- c. MMC SHALL NOTIFY THE PI THAT THE AME HAS BEEN APPROVED.

5. WHEN MONITORING WILL OCCUR
- a. PRIOR TO THE START OF ANY WORK, THE PI SHALL ALSO SUBMIT A CONSTRUCTION SCHEDULE TO MMC THROUGH THE RE INDICATING WHEN AND WHERE MONITORING WILL OCCUR.
- b. THE PI MAY SUBMIT A DETAILED LETTER TO MMC PRIOR TO THE START OF WORK OR DURING CONSTRUCTION REQUESTING A MODIFICATION TO THE MONITORING PROGRAM. THIS REQUEST SHALL BE BASED ON RELEVANT INFORMATION SUCH AS REVIEW OF FINAL CONSTRUCTION DOCUMENTS WHICH INDICATE CONDITIONS SUCH AS AGE OF EXISTING PIPE TO BE REPLACED, DEPTH OF EXCAVATION AND/OR SITE GRADED TO BEDROCK, ETC., WHICH MAY REDUCE OR INCREASE THE POTENTIAL FOR RESOURCES TO BE PRESENT.
6. APPROVAL OF AME AND CONSTRUCTION SCHEDULE
- AFTER APPROVAL OF THE AME BY MMC, THE PI SHALL SUBMIT TO MMC WRITTEN AUTHORIZATION OF THE AME AND CONSTRUCTION SCHEDULE FROM THE CM.

C. DURING CONSTRUCTION

1. MONITOR SHALL BE PRESENT DURING GRADING/EXCAVATION/TRENCHING
- a. THE ARCHAEOLOGICAL MONITOR SHALL BE PRESENT FULL TIME DURING ALL SOIL DISTURBING AND GRADING/EXCAVATION/TRENCHING ACTIVITIES WHICH COULD RESULT IN IMPACTS TO ARCHAEOLOGICAL RESOURCES AS IDENTIFIED ON THE AME. THE CM IS RESPONSIBLE FOR NOTIFYING THE RE, PI, AND MMC OF CHANGES TO ANY CONSTRUCTION ACTIVITIES SUCH AS IN THE CASE OF A POTENTIAL SAFETY CONCERN WITHIN THE AREA BEING MONITORED. IN CERTAIN CIRCUMSTANCES OSHA SAFETY REQUIREMENTS MAY NECESSITATE MODIFICATION OF THE AME.
- b. THE NATIVE AMERICAN CONSULTANT/MONITOR SHALL DETERMINE THE EXTENT OF THEIR PRESENCE DURING SOIL DISTURBING AND GRADING/EXCAVATION/TRENCHING ACTIVITIES BASED ON THE AME AND PROVIDE THAT INFORMATION TO THE PI AND MMC. IF PREHISTORIC RESOURCES ARE ENCOUNTERED DURING THE NATIVE AMERICAN CONSULTANT/MONITOR’S ABSENCE, WORK SHALL STOP AND THE DISCOVERY NOTIFICATION PROCESS DETAILED IN SECTION III – 5.
- c. THE PI MAY SUBMIT A DETAILED LETTER TO MMC DURING CONSTRUCTION REQUESTING A MODIFICATION TO THE MONITORING PROGRAM WHEN A FIELD CONDITION SUCH AS MODERN DISTURBANCE POST-DATING THE PREVIOUS GRADING/TRENCHING ACTIVITIES, PRESENCE OF FOSSIL FORMATIONS, OR WHEN NATIVE SOILS ARE ENCOUNTERED THAT MAY REDUCE OR INCREASE THE POTENTIAL FOR RESOURCES TO BE PRESENT.
- d. THE ARCHAEOLOGICAL AND NATIVE AMERICAN CONSULTANT/MONITOR SHALL DOCUMENT FIELD ACTIVITY VIA THE CONSULTANT SITE VISIT RECORD (CSVr). THE CSVr’S SHALL BE FAXED BY THE CM TO THE RE THE FIRST DAY OF MONITORING, THE LAST DAY OF MONITORING, MONTHLY (NOTIFICATION OF MONITORING COMPLETION), AND IN THE CASE OF ANY DISCOVERIES. THE RE SHALL FORWARD COPIES TO MMC.
2. DISCOVERY NOTIFICATION PROCESS
- a. IN THE EVENT OF A DISCOVERY, THE ARCHAEOLOGICAL MONITOR SHALL DIRECT THE CONTRACTOR TO TEMPORARILY DIVERT ALL SOIL DISTURBING ACTIVITIES, INCLUDING BUT NOT LIMITED TO DIGGING, TRENCHING, EXCAVATING OR GRADING ACTIVITIES IN THE AREA OF DISCOVERY AND IN THE AREA REASONABLY SUSPECTED TO OVERLAY ADJACENT RESOURCES AND IMMEDIATELY NOTIFY THE RE OR BI, AS APPROPRIATE.
- b. THE MONITOR SHALL IMMEDIATELY NOTIFY THE PI (UNLESS MONITOR IS THE PI) OF THE DISCOVERY.
- c. THE PI SHALL IMMEDIATELY NOTIFY MMC BY PHONE OF THE DISCOVERY, AND SHALL ALSO SUBMIT WRITTEN DOCUMENTATION TO MMC WITHIN 24 HOURS BY FAX OR EMAIL WITH PHOTOS OF THE RESOURCE IN CONTEXT, IF POSSIBLE.
- d. NO SOIL SHALL BE EXPORTED OFF-SITE UNTIL A DETERMINATION CAN BE MADE REGARDING THE SIGNIFICANCE OF THE RESOURCE SPECIFICALLY IF NATIVE AMERICAN RESOURCES ARE ENCOUNTERED.
3. DETERMINATION OF SIGNIFICANCE
- a. THE PI AND NATIVE AMERICAN CONSULTANT/MONITOR, WHERE NATIVE AMERICAN RESOURCES ARE DISCOVERED SHALL EVALUATE THE SIGNIFICANCE OF THE RESOURCE. IF HUMAN REMAINS ARE INVOLVED, FOLLOW PROTOCOL IN SECTION IV BELOW.
- i. THE PI SHALL IMMEDIATELY NOTIFY MMC BY PHONE TO DISCUSS SIGNIFICANCE DETERMINATION AND SHALL ALSO SUBMIT A LETTER TO MMC INDICATING WHETHER ADDITIONAL ENVIRONMENTAL REQUIREMENTS ARE NECESSARY.
- ii. IF THE RESOURCE IS SIGNIFICANT, THE PI SHALL SUBMIT AN ARCHAEOLOGICAL DATA RECOVERY PROGRAM (ADRP) AND OBTAIN WRITTEN APPROVAL OF THE PROGRAM FROM MMC, CM AND RE. ADRP AND ANY ENVIRONMENTAL REQUIREMENTS MUST BE APPROVED BY MMC, RE AND/OR CM BEFORE GROUND DISTURBING ACTIVITIES IN THE AREA OF DISCOVERY WILL BE ALLOWED TO RESUME. NOTE: IF A UNIQUE ARCHAEOLOGICAL SITE IS ALSO AN HISTORICAL RESOURCE AS DEFINED IN CEQA SECTION 15064.5, THEN THE LIMITS ON THE AMOUNT(S) THAT A PROJECT APPLICANT MAY BE REQUIRED TO PAY TO COVER ENVIRONMENTAL REQUIREMENT COSTS AS INDICATED IN CEQA SECTION 21083.2 SHALL NOT APPLY.
- (1). NOTE: FOR PIPELINE TRENCHING AND OTHER LINEAR PROJECTS IN THE PUBLIC RIGHT-OF-WAY, THE PI SHALL IMPLEMENT THE DISCOVERY PROCESS FOR PIPELINE TRENCHING PROJECTS IDENTIFIED BELOW UNDER “D.”
- iii. IF THE RESOURCE IS NOT SIGNIFICANT, THE PI SHALL SUBMIT A LETTER TO MMC INDICATING THAT ARTIFACTS WILL BE COLLECTED, CURATED, AND DOCUMENTED IN THE FINAL MONITORING REPORT. THE LETTER SHALL ALSO INDICATE THAT THAT NO FURTHER WORK IS REQUIRED.
- (1). NOTE: FOR PIPELINE TRENCHING AND OTHER LINEAR PROJECTS IN THE PUBLIC RIGHT-OF-WAY, IF THE DEPOSIT IS LIMITED IN SIZE, BOTH IN LENGTH AND DEPTH; THE INFORMATION VALUE IS LIMITED AND IS NOT ASSOCIATED WITH ANY OTHER RESOURCE; AND THERE ARE NO UNIQUE FEATURES/ARTIFACTS ASSOCIATED WITH THE DEPOSIT, THE DISCOVERY SHOULD BE CONSIDERED NOT SIGNIFICANT.
- (2). NOTE, FOR PIPELINE TRENCHING AND OTHER LINEAR PROJECTS IN THE PUBLIC RIGHT-OF-WAY, IF SIGNIFICANCE CANNOT BE DETERMINED, THE FINAL MONITORING REPORT AND SITE RECORD (DPR FORM 523A/B) SHALL IDENTIFY THE DISCOVERY AS POTENTIALLY SIGNIFICANT.

IF APPLICABLE

COMPANY NAME
COMPANY INFO/ADDRESS/LOGO

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				SHEET OF SHEETS			PMT NO. _____		
							PRJ NO. _____		
				DESCRIPTION	BY	APPROVED	DATE	XXXX-XXXX	
				ORIGINAL	XXX			NAD83 COORDINATES	
								XXX-XXXX	
								LAMBERT COORDINATES	
							G04		

UTILITY TRENCH DETAILS AND APPURTENANCES

- 1. UTILITY COMPANY TRENCH DETAILS AND APPURTENANCES TO BE PLACED HERE
- 2. USE ADDITIONAL SHEETS IF NECESSARY

COMPANY NAME
COMPANY INFO/ADDRESS/LOGO

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								LAMBERT COORDINATES	
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COMPANY NAME
COMPANY INFO/ADDRESS/LOGO

<SCALE>

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				DESCRIPTION	BY	APPROVED	DATE	XXX-XXXX NAD83 COORDINATES	
				ORIGINAL	XXX				
						XXX-XXXX LAMBERT COORDINATES			
							C02		



PALEONTOLOGICAL RESOURCE MONITORING REQUIREMENTS: *

- 1) A PALEONTOLOGICAL RESOURCE MONITORING PROGRAM IS REQUIRED AS A CONDITION OF THIS PERMIT. THE PROCEDURES FOR COMPLIANCE ARE DESCRIBED IN CITY OF SAN DIEGO LAND DEVELOPMENT MANUAL APPENDIX P, GENERAL GRADING GUIDELINES FOR PALEONTOLOGICAL RESOURCES, WHICH INCLUDES THE FOLLOWING:
- 2) EXCAVATIONS SHALL BE MONITORED BY OR UNDER THE SUPERVISION OF A CITY RECOGNIZED QUALIFIED PALEONTOLOGICAL PRINCIPAL INVESTIGATOR IN ACCORDANCE WITH THE FOLLOWING PRELIMINARY PALEONTOLOGIC MONITORING REPORT(S) ENTITLED:
- REPORT TITLE, PROJECT NAME, PROJECT LOCATION, PREPARED BY (COMPANY NAME), DATED (THEIR COMPANY PROJECT NO.)
- THIS (THESE) DOCUMENT(S) AND THE FINAL PALEONTOLOGICAL MONITORING REPORT SHALL BE FILED IN THE RECORDS SECTION OF DEVELOPMENT SERVICES UNDER THE PROJECT NUMBER.
- 3) THE PROJECT'S PALEONTOLOGICAL PRINCIPAL INVESTIGATOR SHALL ARRANGE A PRECONSTRUCTION MEETING (PRECON) WITH THE CONSTRUCTION MANAGER AND/OR GRADING CONTACTOR AND THE CITY OF SAN DIEGO MITIGATION MONITORING COORDINATOR (MMC). CONTACT MMC at 858-627-3360. SEE <https://www.sandiego.gov/development-services/inspections/mitigation-monitoring-coordination> FOR ADDITIONAL CONTACT INFORMATION.
- 4) FIELD ACTIVITIES SHALL BE DOCUMENTED BY THE PALEONTOLOGICAL MONITOR VIA THE CONSULTANT SITE VISIT RECORD, WHICH SHALL BE PROVIDED TO MMC.
- 5) IN THE EVENT OF A FOSSIL DISCOVERY, THE PALEONTOLOGICAL MONITOR SHALL REDIRECT EXCAVATION ACTIVITIES AWAY FROM THE AREA OF THE DISCOVERY AND CONTACT THE PROJECT'S CONSTRUCTION MANAGER AND MMC.
- 6) IF A PALEONTOLOGIC RESOURCE IS ENCOUNTERED, THE PALEONTOLOGICAL MONITOR SHALL SALVAGE THE FOSSILS AND DOCUMENT CONTEXTURAL INFORMATION.
- 7) A FINAL PALEONOTOLOGICAL MONITORING REPORT SHALL BE PREPARED AND SUBMITTED TO MMC.

COMPANY NAME
COMPANY INFO/ADDRESS/LOGO

* IF APPLICABLE

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				ORIGINAL	XXX			NAD83 COORDINATES	
								XXX-XXXX	
								LAMBERT COORDINATES	
									G06