- ANY MODIFICATIONS OF OR CHANGES TO APPROVED GRADING PLANS MUST BE APPROVED BY THE DISTRICT'S CIVIL
- NO GRADING SHALL BE STARTED WITHOUT FIRST NOTIFYING THE DISTRICT'S CIVIL ENGINEER. A PRE-GRADING MEETING AT THE SITE IS REQUIRED BEFORE THE START OF THE GRADING WITH THE FOLLOWING PEOPLE PRESENT: OWNER, GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, SOILS ENGINEER, GEOLOGIST, LANDSCAPE ARCHITECT, OR THEIR REPRESENTATIVES, AND WHEN REQUIRED THE ARCHEOLOGIST OR OTHER JURISDICTIONAL AGENCIES. PERMITTEE OR HIS AGENT ARE RESPONSIBLE FOR ARRANGING PRE-GRADE MEETING AND MUST NOTIFY THE DISTRICT'S CIVIL ENGINEER AT LEAST TWO BUSINESS DAYS PRIOR TO PROPOSED PRE-GRADE MEETING ON SITE.
- ALL GRADING AND CONSTRUCTION ACTIVITIES WITHIN THE PUBLIC RIGHT OF WAY SHALL COMPLY WITH CITY OF CLAREMONT CODE, TITLE 12, SECTION 12.12.030 THAT CONTROLS AND RESTRICTS NOISE FROM THE USE OF CONSTRUCTION AND GRADING EQUIPMENT FROM THE HOURS OF 8:00 PM TO 6:30 AM, AND ON SUNDAYS AND HOLIDAYS. (MORE RESTRICTIVE CONSTRUCTION ACTIVITY TIMES MAY GOVERN, AS REQUIRED BY THE DEPARTMENT OF REGIONAL PLANNING AND SHOULD BE SHOWN ON THE GRADING PLANS WHEN APPLICABLE.)
- CALIFORNIA PUBLIC RESOURCES CODE (SECTION 5097.98) AND HEALTH AND SAFETY CODE (SECTION 7050.5) ADDRESS THE DISCOVERY AND DISPOSITION OF HUMAN REMAINS. IN THE EVENT OF DISCOVERY OR RECOGNITION OF ANY HUMAN REMAINS IN ANY LOCATION OTHER THAN A DEDICATED CEMETERY, THE LAW REQUIRES THAT GRADING IMMEDIATELY STOPS AND NO FURTHER EXCAVATION OR DISTURBANCE OF THE SITE, OR ANY NEARBY AREA WHERE HUMAN REMAINS MAY BE LOCATED, OCCUR UNTIL THE FOLLOWING HAS BEEN MEASURES HAVE BEEN TAKEN:
- A. THE COUNTY CORONER HAS BEEN INFORMED AND HAS DETERMINED THAT NO INVESTIGATION OF THE CAUSE OF DEATH IS REQUIRED.
- B. IF THE REMAINS ARE OF NATIVE AMERICAN ORIGIN, THE DESCENDANTS FROM THE DECEASED NATIVE AMERICANS HAVE MADE A RECOMMENDATION FOR THE MEANS OF TREATING OR DISPOSING. WITH APPROPRIATE DIGNITY. OF THE HUMAN REMAINS AND ANY ASSOCIATED GRAVE GOODS.
- THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXPORT OF MATERIAL FROM THE SITE. IF REQUIRED, MUST GO TO A PERMITTED SITE OR A LEGAL DUMPSITE. RECEIPTS FOR ACCEPTANCE OF EXCESS MATERIAL BY A DUMPSITE ARE REQUIRED AND MUST BE PROVIDED TO THE DISTRICT'S CIVIL ENGINEER UPON REQUEST.
- A COPY OF THE GRADING PERMIT AND APPROVED GRADING PLANS MUST BE IN THE POSSESSION OF A RESPONSIBLE PERSON AND AVAILABLE AT THE SITE AT ALL TIMES.
- SITE BOUNDARIES, EASEMENTS, DRAINAGE DEVICES, RESTRICTED USE AREAS SHALL BE LOCATED PER CONSTRUCTION STAKING BY FIELD ENGINEER OR LICENSED SURVEYOR. PRIOR TO GRADING, AS REQUESTED BY THE DISTRICT'S CIVIL ENGINEER, ALL PROPERTY LINES, EASEMENTS, AND RESTRICTED USE AREAS SHALL BE STAKED.
- NO GRADING OR CONSTRUCTION SHALL OCCUR WITHIN THE PROTECTED ZONE OF ANY OAK TREE AS REQUIRED THE CITY OF CLAREMONT ZONING CODE. THE PROTECTED ZONE SHALL MEAN THAT AREA WITHIN THE DRIP LINE OF AN OAK TREE EXTENDING THERE FROM A POINT AT LEAST FIVE FEET OUTSIDE THE DRIP LINE, OR 15 FEET FROM THE TRUNK(S) OF A TREE, WHICHEVER IS GREATER. ALL TREE PROTECTION FENCING MUST BE IN PLACE PRIOR TO START OF DEMOLITION OR GRADING WORK.
- ALL GRADING AND CONSTRUCTION WITHIN THE PROTECTED ZONE OF ALL OAK TREES SHALL BE PER T.V.M.W.D. RECOMMENDATIONS. THE OAK TREE MUST BE PROTECTED WITH AND ARE A PART OF THE GRADING PLAN. OAK TREE ON SITE SHALL BE PROTECTED AT ALL TIMES.
- IF GRADING AUTHORIZED BY THIS PLAN IS TO EXTEND THROUGH THE RAINY SEASON. NOVEMBER 1 THROUGH APRIL 15 OF THE FOLLOWING YEAR, SEPARATE UPDATED PLANS FOR EROSION CONTROL MUST BE SUBMITTED PRIOR TO OCTOBER.

AGENCY NOTES

- 13. AN ENCROACHMENT PERMIT FROM CITY OF CLAREMONT IS REQUIRED FOR ALL WORK WITHIN OR AFFECTING ROAD RIGHT OF WAY. ALL WORK WITHIN ROAD RIGHT OF WAY SHALL CONFORM TO CITY OF CLAREMONT ENCROACHMENT PERMIT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION/DEMOLITION, GRADING, AND STORAGE OF BULK MATERIALS MUST NOT EXCEED THE EXCAVATION THRESHOLDS REQUIRING A LOCAL AQMD RULE 403 PERMIT FOR FUGITIVE DUST. A 403 PERMIT WILL NOT BE ACQUIRED BY THE CONTRACTOR FOR THIS PROJECT AND GRADING OPERATIONS SHALL NOT EXCEED THE THRESHOLDS REQUIRING A PERMIT. INFORMATION ON RULE 403 IS AVAILABLE AT AQMD'S WEBSITE HTTP://AVAQMD.CA.GOV.

EARTH WORK CALCULATIONS

GRADING PERMIT APPLICATION No. GR

EARTHWORK VOLUMES: CUT: 858.34 CY, FILL: 338.66 CY NET: 519.68 CY

EXPORT: 519.66 CY, EXPORT LOCATION: PER CONTRACTOR

TOTAL DISTURBED AREA: 0.99 ACRE

PRE-DEVELOPMENT IMPERVIOUS AREA: 0.00 ACRES POST-DEVELOPMENT IMPERVIOUS AREA: 0.21 ACRES

OVER EXCAVATION / ALLUVIAL REMOVAL AND COMPACTION REMOVAL 305 CY RECOMPACTION

YOU DIG!

TOTAL PROPOSED LANDSCAPE AREA 10,577 SQUARE FEET.

TOTAL TURF AREA 0% (PERCENT OF TOTAL PROPOSED LANDSCAPING).

TOTAL DROUGHT TOLERANT LANDSCAPING AREA 100% (PROPOSED LANDSCAPING).

GENERAL GEOTECHNICAL NOTES

- 15. ALL WORK MUST BE IN COMPLIANCE WITH THE RECOMMENDATIONS INCLUDED IN THE GEOTECHNICAL CONSULTANT'S REPORT(S) AND THE APPROVED GRADING PLANS AND SPECIFICATIONS.
- 16. GRADING OPERATIONS MUST BE CONDUCTED UNDER PERIODIC INSPECTIONS BY A GEOTECHNICAL CONSULTANT CONTRACTED BY THE CONTRACTOR AND APPROVED BY TVMWD WITH MONTHLY INSPECTION REPORTS TO BE SUBMITTED TO THE DISTRICT'S CIVIL ENGINEER. CONTRACTOR IS RESPONSIBLE FOR PAYMENT OF INSPECTION.
- 17. THE GEOTECHNICAL CONSULTANT SHALL PROVIDE SUFFICIENT INSPECTIONS DURING THE PREPARATION OF THE NATURAL GROUND AND THE PLACEMENT AND COMPACTION OF THE FILL TO BE SATISFIED THAT THE WORK IS BEING PERFORMED IN ACCORDANCE WITH THE PLAN AND APPLICABLE CODE REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR PAYMENT OF
- 18. ROUGH GRADING MUST BE APPROVED BY A FINAL ENGINEERING GEOLOGY AND SOILS ENGINEERING REPORT PREPARED BY CONTRACTOR'S GEOTECHNICAL CONSULTANT. AN AS-BUILT GEOLOGIC MAP MUST BE INCLUDED IN THE FINAL GEOLOGY REPORT. PROVIDE A FINAL REPORT STATEMENT THAT VERIFIES WORK WAS DONE IN ACCORDANCE RECOMMENDATIONS AND CODE PROVISIONS THE FINAL REPORT(S) MUST BE SUBMITTED TO TVMWD.
- 19. FOUNDATION, WALL EXCAVATIONS MUST BE INSPECTED AND APPROVED BY THE CONSULTING GEOLOGIST AND SOIL ENGINEER, PRIOR TO THE PLACING OF STEEL OR CONCRETE.
- 20. BUILDING PADS LOCATED IN CUT/FILL TRANSITION AREAS SHALL BE OVER-EXCAVATED A MINIMUM OF THREE (3) FEET BELOW THE PROPOSED BOTTOM OF FOOTING.

FILL NOTES

- 21. ALL FILL SHALL BE COMPACTED TO THE FOLLOWING MINIMUM RELATIVE COMPACTION CRITERIA:
 - A. 90 PERCENT OF MAXIMUM DRY DENSITY OF ASTM 1557 MODIFIED PROCTOR LABORATORY MAXIMUM DENSITY
 - 93 PERCENT OF MAXIMUM DRY DENSITY DEEPER THAN 15 FEET BELOW FINISH GRADE. UNLESS A LOWER RELATIVE COMPACTION (NOT LESS THAN 90 PERCENT OF MAXIMUM DRY DENSITY) IS JUSTIFIED BY THE GEOTECHNICAL CONSULTANT.

THE RELATIVE COMPACTION SHALL BE DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D1557-91 WHERE APPLICABLE: WHERE NOT APPLICABLE, A TEST ACCEPTABLE TO THE CITY ENGINEER SHALL BE USED. THE CITY OF CLAREMONT BUILDING CODE.)

- 22. FIELD DENSITY SHALL BE DETERMINED BY A METHOD ACCEPTABLE TO THE CITY ENGINEER. THE CITY OF CLAREMONT BUILDING CODE.) HOWEVER, NOT LESS THAN 10% OF DENSITY TESTS SHOULD BE SAND CONE TESTS. THE REQUIRED DENSITY TEST, UNIFORMLY DISTRIBUTED AND SHALL BE OBTAINED BY THE SAND CONE METHOD.
- 23. SUFFICIENT TESTS OF THE FILL SOILS SHALL BE MADE TO DETERMINE THE RELATIVE COMPACTION OF THE FILL IN ACCORDANCE WITH THE FOLLOWING MINIMUM GUIDELINES:
 - ONE TEST FOR EACH TWO-FOOT VERTICAL LIFT.
- ONE TEST FOR EACH 1,000 CUBIC YARDS OF MATERIAL PLACED.
- ONE TEST AT THE LOCATION OF THE FINAL FILL SLOPE FOR EACH BUILDING SITE (LOT) IN EACH FOUR-FOOT VERTICAL LIFT OR POSITION THEREOF.
- D. ONE TEST IN THE VICINITY OF EACH BUILDING PAD FOR EACH FOUR-FOOT VERTICAL LIFT OF PORTION THEREOF.
- REQUIREMENTS, AS DETERMINED BY THE GEOTECHNICAL CONSULTANT, CONTRACTED BY THE CONTRACTOR, INCLUDING SOIL TYPES, SHEAR STRENGTHS PARAMETERS AND CORRESPONDING UNIT WEIGHTS IN ACCORDANCE WITH THE FOLLOWING

SUFFICIENT TESTS OF FILL SOILS SHALL BE MADE TO VERIFY THAT THE SOIL PROPERTIES COMPLY WITH THE DESIGN

- PRIOR AND SUBSEQUENT TO PLACEMENT OF THE FILL. SHEAR TESTS SHALL BE TAKEN ON EACH TYPE OF SOIL OR SOIL MIXTURE TO BE USED FOR ALL FILL SLOPES STEEPER THAN THREE (3) HORIZONTAL TO ONE VERTICAL.
- SHEAR TEST RESULTS FOR THE PROPOSED FILL MATERIAL MUST MEET OR EXCEED THE DESIGN VALUES DETERMINED BY THE GEOTECHNICAL CONSULTANT IN THE GEOTECHNICAL REPORT TO DETERMINE SLOPE STABILITY REQUIREMENTS. OTHERWISE, THE SLOPE MUST BE REEVALUATED USING THE ACTUAL SHEAR TEST VALUE OF THE FILL MATERIAL THAT IS IN PLACE.
- C. FILL SOILS SHALL BE FREE OF DELETERIOUS MATERIALS.

"AS-BUILT" GRADING PLAN.

- 25. FILL SHALL NOT BE PLACED UNTIL STRIPPING OF VEGETATION, REMOVAL OF UNSUITABLE SOILS, AND INSTALLATION OF SUBDRAIN (IF ANY) HAVE BEEN INSPECTED AND APPROVED BY THE SOIL ENGINEER. THE CITY ENGINEER MAY REQUIRE A "STANDARD TEST METHOD FOR MOISTURE, ASH, ORGANIC MATTER, PEAT OR OTHER ORGANIC SOILS" ASTM D-2974-87 ON ANY SUSPECT MATERIAL. DETRIMENTAL AMOUNTS OF ORGANIC MATERIAL SHALL NOT BE PERMITTED IN FILLS. SOIL CONTAINING SMALL AMOUNTS OF ROOTS MAY BE ALLOWED PROVIDED THAT THE ROOTS ARE IN A QUANTITY AND DISTRIBUTED IN A MANNER THAT WILL NOT BE DETRIMENTAL TO THE FUTURE USE OF THE SITE AND THE SOILS ENGINEER APPROVES THE USE OF SUCH MATERIAL.
- ROCK OR SIMILAR MATERIAL GREATER THAN 3 INCHES IN DIAMETER SHALL NOT BE PLACED IN THE FILL UNLESS RECOMMENDATIONS FOR SUCH PLACEMENT HAVE BEEN SUBMITTED BY THE SOIL ENGINEER AND APPROVED IN ADVANCE BY THE CITY ENGINEER. LOCATION, EXTENT, AND ELEVATION OF ROCK DISPOSAL AREAS MUST BE SHOWN ON AN "AS BUILT" GRADING PLAN.
- CONTINUOUS INSPECTION BY THE GEOTECHNICAL CONSULTANT, OR A RESPONSIBLE REPRESENTATIVE. SHALL BE PROVIDED DURING ALL FILL PLACEMENT AND COMPACTION OPERATIONS WHERE FILLS HAVE A DEPTH GREATER THAN 30 FEET OR SLOPE SURFACE STEEPER THAN 2:1. THE CITY OF CLAREMONT BUILDING CODE.
- DURING ALL SUBDRAIN INSTALLATION. (SECTION J107.2 OF THE CITY OF BRADBURY BUILDING CODE) ALL SUBDRAIN OUTLETS ARE TO BE SURVEYED FOR LINE AND ELEVATION. SUBDRAIN INFORMATION MUST BE SHOWN ON AN

CONTINUOUS INSPECTION BY THE GEOTECHNICAL CONSULTANT, OR A RESPONSIBLE REPRESENTATIVE, SHALL BE PROVIDED

FILL SLOPES IN EXCESS OF 2:1 STEEPNESS RATIO ARE TO BE CONSTRUCTED BY THE PLACEMENT OF SOIL AT SUFFICIENT DISTANCE BEYOND THE PROPOSED FINISH SLOPE TO ALLOW COMPACTION EQUIPMENT TO BE OPERATED AT THE OUTER LIMITS OF THE FINAL SLOPE SURFACE. THE EXCESS FILL IS TO BE REMOVED PRIOR TO COMPLETION OF ROUGH GRADING. OTHER CONSTRUCTION PROCEDURES MAY BE USED WHEN IT IS DEMONSTRATED TO THE SATISFACTION OF THE CITY ENGINEER THAT THE ANGLE OF SLOPE, CONSTRUCTION METHOD AND OTHER EQUIVALENT EFFECT CITY OF CLAREMONT BUILDING CODE.

PLANTING AND IRRIGATION NOTES

31. PLANTING AND IRRIGATION ON GRADED SLOPES MUST COMPLY WITH THE FOLLOWING MINIMUM GUIDELINES:

A. THE SURFACE OF ALL CUT SLOPES MORE THAN 5 FEET IN HEIGHT AND FILL SLOPES MORE THAN 3 FEET IN HEIGHT SHALL BE PROTECTED AGAINST DAMAGE BY EROSION BY PLANTING WITH GRASS OR GROUNDCOVER PLANTS. THE PLANTS SELECTED AND PLANTING METHODS USED SHALL BE SUITABLE FOR THE SOIL AND CLIMATIC CONDITIONS OF THE SITE PLANT MATERIAL SHALL BE SELECTED WHICH WILL PRODUCE A COVERAGE OF PERMANENT PLANTING EFFECTIVELY CONTROLLING EROSION. CONSIDERATION SHALL BE GIVEN TO DEEP-ROOTED PLANTING MATERIAL NEEDING LIMITED WATERING, MAINTENANCE, HIGH ROOT TO SHOOT RATIO, WIND SUSCEPTIBILITY AND FIRE-RETARDANT CHARACTERISTICS. ALL PLAN MATERIAL MUST BE APPROVED BY THE ENGINEER. THE CITY OF CLAREMONT BUILDING CODE). THE LANDSCAPE PLAN HAS BEEN PREPARED TO COMPLY WITH THESE REQUIREMENTS.

- 32. THE PLANTING SYSTEMS SHALL BE INSTALLED AS SOON AS PRACTICAL AFTER ROUGH GRADING. PRIOR TO FINAL GRADING APPROVAL ALL REQUIRED SLOPE PLANTING MUST BE WELL ESTABLISHED FOR A PERIOD OF 12 MONTH.
- PRIOR TO ROUGH GRADE APPROVAL THIS PROJECT DOES NOT REQUIRE A LANDSCAPE PERMIT
- CONSULTANT HAS PREPARED AN IRRIGATION AND LANDSCAPE PLAN. IN ACCORDANCE WITH STATE CODE OF REGULATION 1881 AT RESERVOIR SITE. PLANS HAVE BEEN PREPARED BY PROFESSIONAL EXPERIENCED IN DESIGN OF DROUGHT TOLERANT LANDSCAPE AND WATER EFFICIENT IRRIGATION SYSTEMS LANDSCAPE PLANS.
- 35. REFER TO EXISTING OAK PROTECTION PLAN AND LANDSCAPE PLAN FOR MORE DETAILS.

BEST MANAGEMENT PRACTICE NOTES

- 1. EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORMWATER FROM THE PROJECT SITE AT ALL
- ERODED SEDIMENT AND OTHER POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.
- STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
- FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED BY THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
- EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON-SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
- TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT
- CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY.
- ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.

ACCIDENTAL DEPOSITION MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.

9. "I CERTIFY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ENSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFORMATION SUBMITTED IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT SUBMITTING FALSE AND/ OR INACCURATE INFORMATION, FAILING TO UPDATE THE ESCP TO REFLECT CURRENT CONDITIONS, OR FAILING TO PROPERLY AND/ OR ADEQUATELY IMPLEMENT THE ESCP MAY RESULT IN REVOCATION OF GRADING AND/ OR OTHER PERMITS OR OTHER SANCTIONS PROVIDED BY LAW."

PRINT NAME	DATE
(OWNER OR AUTHORIZED AGENT OF OWNER)	
SIGNATURE	DATE
(OWNER OR AUTHORIZED AGENT OF OWNER)	

THE FOLLOWING BMPs AS OUTLINED IN, BUT NOT LIMITED TO, THE LATEST EDITION OF THE <u>CASQA CONSTRUCTION BMP ONLIN</u> HANDBOOK OR CALTRANS STORMWATER QUALITY HANDBOOKS (CONSTRUCTION SITE BMP MANUAL), MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY THE PROJECT ENGINEER OR THE CITY ENGINEER). THE CONTRACTOR IS REQUIRED TO PREPARE THE SWPPP AND OBTAIN APPROVAL WITH AN ID NUMBER FROM THE QUALIFIED SWPPP DEVELOPER AND PRACTITIONER.

ENVIRONMENTAL NOTES

1. IN THE EVENT THAT ANY ARCHAEOLOGICAL MATERIALS (E.G., STONE TOOLS, POTTERY, OR MILLING-RELATED ARTIFACTS LIKE MANOS OR METATES, OR HISTORIC-AGE CANS AND GLASS FRAGMENTS) ARE ENCOUNTERED DURING GROUND-DISTURBING CONSTRUCTION ACTIVITIES, ALL ACTIVITIES MUST BE SUSPENDED IN THE VICINITY TO THE FIND UNTIL THE DEPOSITS ARE RECORDED AND EVALUATED BY A QUALIFIED ARCHAEOLOGIST. IF ANY HUMAN REMAINS ARE FOUND DURING CONSTRUCTION, THE REQUIREMENTS OF CEQA GUIDELINES 15064.5(E) AND ASSEMBLY BILL 2641 SHALL BE FOLLOWED.

TRAFFIC CONTROL NOTES:

- 1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR PERFORMING WORK ON A PUBLIC STREET TO INSTALL AND MAINTAIN THE TRAFFIC CONTROL DEVICES ACCORDING TO THE LATEST CALIFORNIA MUTCD TO INSURE THE SAFE MOVEMENT OF TRAFFIC AND PEDESTRIANS THROUGH OR AROUND THE WORK AREA AND PROVIDE MAXIMUM PROTECTION AND SAFETY TO CONSTRUCTION WORKERS. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO START OF WORK FOR ANY CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING HIS OWN TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE CITY ENGINEER FOR ALL ASPECTS OF THE WORK.
- 2. FLASHING ARROW BOARD(S) ARE MANDATORY FOR LANE CLOSURES ON MAJOR STREETS. THEY SHALL OPERATE UNTIL TRAFFIC CONTROL IS REMOVED. FLASHING WARNING LIGHTS ARE TO WARN DRIVERS OF APPROACHING CONSTRUCTION AND STEADY BURNING LIGHTS ARE TO DELINEATE THE CHANGE OF STREET ALIGNMENT, AND BARRICADES ARE TO PROTECT THE WORK AREA. ALL BARRICADES SHALL BE EQUIPPED WITH FLASHING/STEADY BURN WARNING AT NIGHT TIME. ALL DELINEATORS SHALL BE 36" OR HIGHER AND EQUIPPED WITH WHITE REFLECTIVE SLEEVES AT NIGHT TIME.
- 3. ALL OPEN TRENCHES SHALL BE COVERED WITH NON-SKID STEEL PLATES OR TEMPORARY ASPHALT PAVEMENT BEFORE AND AFTER WORK HOURS. WORK AREA SHALL BE ENCLOSED WITH TEMPORARY FENCE.
- ALL SIGNS DELINEATORS, BARRICADES, ETC., SHALL CONFORM TO THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS LATEST EDITION, THE CALIFORNIA DEPARTMENT OF TRANSPORTATION MUTCD PART 6, AND THE "WATCH", LATEST EDITION, ALL BARRICADES SHALL BE EQUIPPED WITH FLASHING/STEADY BURN WARNING LAMPS AT NIGHT. ALL CONES DELINEATORS. BARRICADES. AND "K" RAIL SHALL BE REFLECTORIZED. ALL TRAFFIC CONTROL SHALL BE KEPT IN THEIR PROPER POSITION AT ALL TIMES. AND SHALL BE REPAIRED. REPLACED, OR CLEANED AS NECESSARY TO PRESERVE THEIR APPEARANCE AND CONTINUITY. ANY DEVICES NOT PART OF THE REQUIRED TRAFFIC CONTROL OR DETOURS SHALL BE REMOVED FROM THE VIEW OF THE TRAVELING PUBLIC IMMEDIATELY.
- WHERE NECESSARY, PROPERLY POST "TEMPORARY NO PARKING ANYTIME" SIGNS AT LEAST 5 DAYS BEFORE START OF WORK. THE SIGN SHALL LIST CBC651 CODE REFERENCE.
- VEHICULAR AND PEDESTRIAN ACCESS TO ADJACENT PROPERTIES SHALL BE PROVIDED AT ALL TIMES. CLOSED SIDEWALKS SHALL BE POSTED WITH "SIDEWALK CLOSED" SIGNS AT EACH APPROACH TO THE CLOSURE AND APPROVED ALTERNATE
- 7. PROTECT TRAFFIC SIGNAL DETECTORS IN PLACE OR REPLACE WITHIN 5 CALENDAR DAYS OF FINAL PAVING. ALL DETECTORS DAMAGED BY THE WORK SHALL BE REPLACED TO THE STANDARDS OF THE CITY TRAFFIC ENGINEER.
- 8. NOTIFY CITY ENGINEER AT LEAST 72 HOURS PRIOR TO ANY WORK IN THE RIGHT-OF-WAY
- 9. ANY REVISIONS TO THE TRAFFIC CONTROL PLANS OR REQUIREMENTS SHALL BE APPROVED BY THE CITY ENGINEER.
- 10. CONTRACTOR SHALL NOTIFY ALL AFFECTED RESIDENTS AND BUSINESS FIVE WORKING DAYS PRIOR TO CONSTRUCTION. ACCESS TO ALL DRIVEWAYS MUST REMAIN OPEN AT ALL TIME.
- 11. NO MORE THAN 500 FEET OF ROADWAY SHALL BE CLOSED AT A TIME.
- 12. UPON COMPLETION OF A PHASE, REMOVE ALL SIGNS AND TEMPORARY STRIPPING INSTALLED FOR THE COMPLETED PHASE UNLESS INDICATED TO REMAIN FOR THE FOLLOWING PHASE.
- 13. ALL LANE CLOSURE SIGNS SHALL BE REMOVED OR COVERED WHEN LANES ARE OPEN.
- 14. SIGNING MAY BE MOUNTED ON WOODEN POSTS OR PORTABLE SUPPORTS UNLESS OTHERWISE INDICATED ON THE PLAN.
- 15. FIVE FOOT CLEARANCE SHALL BE MAINTAINED BETWEEN OPEN EXCAVATION AND ADJACENT MOVING TRAFFIC LANE. OPEN TRENCH WITH LESS THAN FIVE FEET OF CLEARANCE SHALL BE STEEL-PLATED OR BACK FILLED IMMEDIATELY AFTER
- 16. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE REPLACED IN KIND.
- 17. TRAFFIC SIGNALING SHALL REMAIN IN OPERATION AT ALL TIMES IF THERE IS A CONFLICT WITH CONSTRUCTION AND TRAFFIC SIGNAL OPERATION NEEDS TO BE CHANGED, CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEER FOR COORDINATION AND APPROVAL.
- 18. G-20-2 "END ROAD WORK" SIGN, AS APPROPRIATE, SHALL BE PLACED AT THE END OF THE WORK ZONE.
- 19. ALL BARRICADES SHALL BE TYPE II OR TYPE III.
- 20. THE CITY PERMIT INSPECTOR RESERVE THE RIGHT TO REVISE THESE TRAFFIC CONTROL PLANS IN USE AND TO MAKE ANY NECESSARY CHANGES AS FIELD CONDITIONS WARRANT. ANY CHANGES SHALL SUPERSEDE THESE PLANS AND BE DONE SOLELY AT THE CONTRACTOR'S EXPENSE.
- 21. CONTRACT SHALL OBTAIN LANE CLOSURE PERMITS FOR ANY WORK IN THE CITY OF CLAREMONT.

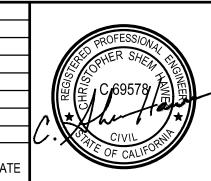
THREE VALLEYS MUNICIPAL WATER DISTRICT

- 22. ALL TEMPORARY TRAFFIC CONTROL MARKINGS SHALL BE PER WATCH MANUAL STANDARD SPECIFICATIONS.
- 23. DURING NON WORKING HOURS ALL TRENCHES WILL BE PAVED OR PLATED AND ALL TRAFFIC WILL BE RETURNED TO NORMAL PATTERNS AND ALL SIGNS AND BARRICADES WILL BE REMOVED.
- 24. CONTRACTOR IS RESPONSIBLE FOR TAKING BEFORE AND AFTER PICTURES THROUGHOUT THE PROJECT AREA TO LIMIT LIABILITY FROM POTENTIAL DAMAGE.
- 25. ONLY ONE DRIVEWAY APPROACH MAY BE IMPACTED AT ANY GIVEN TIME.

AS-BID PLANS

1-800-422-4133 UNDERGROUND SERVICE ALER AT LEAST TW PLAY IT SAFE WORKING DAYS DIAL BEFORE

ADDENDUM REVISION SMK 4/27/2 ENGR | DATE | APPD | DATE REV DESCRIPTION PRIOR TO EXCAVATING





JM / MM / JG DATE:

General Civil, Municipal, Water and Wastewater Engineering, Planning, Construction Management and Surveying 118 West Lime Avenue Monrovia, Ca. 91016 Phone: (626) 357-0588 Fax: (626) 303-7957

CSH

APRIL 2021

SCALE

AS SHOWN

THREE VALLEYS MUNICIPAL WATER DISTRICT 1021 E. MIRAMAR AVENUE CLAREMONT, CA 91711

MIRAGRAND WELL EQUIPPING IMPROVEMENTS GRADING NOTES (909) 621-5568 FILE NO.

RAWING NO. G-2 SHEETS NO.

ROJECT NO.

OF

58463