

GENERAL NOTES

- 1. NO WORK SHALL COMMENCE UNTIL ALL NECESSARY PERMITS HAVE BEEN OBTAINED FROM THE CITY AND OTHER APPROPRIATE AGENCIES.
2. THE CONTRACTOR SHALL NOTIFY THE ENGINEERING DIVISION AT 619-667-1166 AT LEAST 48-HOURS PRIOR TO COMMENCEMENT OF ANY TYPE OF GRADING OR CONSTRUCTION ACTIVITY.
3. ALL EXISTING UTILITIES OR STRUCTURES REPORTED BY THE UTILITY COMPANIES ARE INDICATED HEREON BASED ON INFORMATION OF RECORD. IT SHALL BE THE DUTY OF THE CONTRACTOR TO MAKE A DETERMINATION AS TO THE LOCATION OF ALL UTILITIES.
4. NEITHER THE OWNER, THE DESIGNER, NOR THE ENGINEER WILL ENFORCE SAFETY MEASURE REGULATIONS.
5. NOTWITHSTANDING THE MINIMUM STANDARDS SET FORTH IN THE GRADING ORDINANCE AND NOTWITHSTANDING THE APPROVAL OF THESE GRADING PLANS, THE PERMITTEE IS RESPONSIBLE FOR THE PREVENTION OF DAMAGE TO ADJACENT PROPERTY.
6. THE APPLICANT/DEVELOPER SHALL PROVIDE, BEFORE COMMENCEMENT OF ANY TYPE OF GRADING AND CONSTRUCTION OF PRIVATE OR PUBLIC IMPROVEMENTS, A "HAUL ROUTE" MAP AND RELATED TRAFFIC CONTROL MAP WHICH WILL BE REVIEWED AND APPROVED BY THE CITY ENGINEER.
7. THE CITY OF LA MESA WILL NOT MAINTAIN, OR ASSUME RESPONSIBILITY OR LIABILITY FOR, PRIVATE DRAINAGE SYSTEMS OR RUNOFF.
8. THE CONTRACTOR SHALL PROTECT EXISTING PUBLIC AND PRIVATE IMPROVEMENTS.
9. THE CENTERLINE STATIONING SHOWN ON THESE PLANS IS BASED ON [CITE YOUR REFERENCE, CITY DWG# ETC.].
10. UNLESS OTHERWISE SHOWN, ALL SEWER AND WATER LATERALS SHALL BE INSTALLED NORMAL TO THE MAIN.
11. CONSTRUCTION STAKING SHALL BE PERFORMED BY THE APPLICANT'S ENGINEER OF RECORD.
12. TOP OF RETAINING WALL WILL BE 6" ABOVE TOP OF SLOPE OR FINISH GRADE.
13. ALL TEMPORARY PAVING PLACED BY ANY CONTRACTOR, SUBCONTRACTOR OR UTILITY COMPANY SHALL REMAIN IN THE PUBLIC RIGHT-OF-WAY FOR NOT MORE THAN THIRTY (30) CALENDAR DAYS ON RESIDENTIAL STREETS AND SEVENTY TWO (72) HOURS ON ALL OTHER STREETS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT.
UTILITY NOTES
1. CONTRACTOR SHALL NOTIFY UTILITY COMPANIES PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND COORDINATE THEIR WORK WITH COMPANY REPRESENTATIVES.
USA (48 HOURS IN ADVANCE) 1-800-422-4133
SDG&E 1-800-227-2600
TELEPHONE COMPANY 1-800-266-4683
COX CABLE 1-619-266-5220
HELIX WATER DISTRICT 1-619-596-3860
CITY OF LA MESA (SEWER, STORM DRAINS) 1-800-422-4133
SAN DIEGO COUNTY WATER AUTHORITY 1-858-522-6900
2. AN ADEQUATE WATER SUPPLY FOR FIRE PROTECTION SHALL BE MADE AVAILABLE AS SOON AS COMBUSTIBLE MATERIAL IS DELIVERED TO THE SITE.
3. ACCESS TO THE SITE SHALL BE MAINTAINED FOR THE USE OF HEAVY FIRE FIGHTING EQUIPMENT.
4. ALL PROPOSED PUBLIC UTILITY SYSTEM AND SERVICE FACILITIES SHALL BE INSTALLED UNDERGROUND FOR THE COMPLETE FRONTAGE OF THE PROPERTY.
5. APPLICANTS CONSTRUCTING PUBLIC IMPROVEMENTS IN THE CITY AS REQUIRED, THAT INCLUDE THE INSTALLATION OF STREETS LIGHTS SHALL PAY TO THE CITY A STREET LIGHT ENERGIZING FEE PRIOR TO ACCEPTANCE OF IMPROVEMENTS, IN AN AMOUNT ESTABLISHED BY SAN DIEGO GAS & ELECTRIC.

HEARTLAND FIRE AND RESCUE
PLANS APPROVED SUBJECT TO THE FOLLOWING:

PLANS ARE ACCEPTED FOR CONSTRUCTION SUBJECT TO THE REQUIREMENTS OF THE FIRE CODE AND BUILDING LAWS OF THE CITY OF LA MESA, CALIFORNIA. THE STAMPING OF THESE PLANS AND SPECIFICATIONS SHALL NOT BE HELD TO PERMIT OR APPROVE THE VIOLATION OF ANY CITY, COUNTY, STATE, FEDERAL LAWS OR OTHER RESTRICTIONS. APPROVAL APPLIES TO PLANS AS SUBMITTED, AND FOR CONSTRUCTION INDICATED THEREON. CONSTRUCTION APPROVAL IS SUBJECT TO FINAL INSPECTION AND ACCEPTANCE.

BY: FIRE MARSHAL DATE:

GRADING NOTES

- 1. ALL GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THE APPROVED PLANS AND CITY OF LA MESA STANDARDS.
2. APPROVAL OF THIS GRADING PLAN DOES NOT CONSTITUTE APPROVAL OF VERTICAL OR HORIZONTAL ALIGNMENT OF ANY PRIVATE ROAD SHOWN HEREON FOR PUBLIC ROAD PURPOSES.
3. OFFSITE IMPROVEMENTS WITHIN THE PUBLIC RIGHT OF WAY BEYOND THE PARCEL BOUNDARY MAY BE REQUIRED TO BE INSTALLED, AS DETERMINED BY THE CITY ENGINEER, TO PROVIDE PROPER TRANSITION TO THE STREET AND SIDEWALK AND TO ADDRESS DRAINAGE.
4. GRADING PLANS ARE NOT APPROVED FOR PUBLIC IMPROVEMENTS, EXCEPT WHERE IDENTIFIED ON THE PLAN SHEETS.
5. FINAL APPROVAL OF THESE GRADING PLANS IS SUBJECT TO FINAL APPROVAL OF THE ASSOCIATED IMPROVEMENT PLANS WHERE APPLICABLE.
6. IMPORT MATERIAL SHALL BE OBTAINED FROM AND EXPORT MATERIAL SHALL BE DISPOSED TO A LEGAL SITE.
7. APPROVAL OF THESE PLANS BY THE CITY ENGINEER DOES NOT AUTHORIZE ANY WORK OR GRADING TO BE PERFORMED UNTIL THE PROPERTY OWNER'S PERMISSION HAS BEEN OBTAINED AND A VALID GRADING PERMIT HAS BEEN ISSUED.
8. THE CITY ENGINEER'S APPROVAL OF THESE PLANS DOES NOT CONSTITUTE THE BUILDING OFFICIAL'S APPROVAL OF ANY FOUNDATION FOR STRUCTURES TO BE PLACED ON THE AREA COVERED BY THESE PLANS.
9. ALL MAJOR SLOPES SHALL BE ROUNDED INTO EXISTING TERRAIN TO PRODUCE A CONTOURED TRANSITION FROM CUT OR FILL FACES TO NATURAL GROUND AND ABUTTING CUT OR FILL SURFACES.
10. FILL SLOPES SHALL BE COMPACTED TO A RELATIVE COMPACTION OF 90% OF MAXIMUM DRY DENSITY OR AS RECOMMENDED BY THE SOILS / GEOTECHNICAL ENGINEER.
11. EARTHWORK QUANTITIES SHOWN HEREON ARE FOR BONDING PURPOSES ONLY.
12. ALL PROPOSED CONTOUR GRADES AND SPOT ELEVATIONS SHOWN ARE TO TOP OF PAVING, FINISHED FLOOR OR FINISHED GRADE IN LANDSCAPED AREAS.
13. THE OWNER/CONTRACTOR SHALL PROVIDE EROSION CONTROL AS REQUIRED BY THE CITY'S EROSION CONTROL POLICY.
14. CUT _____ CY FILL _____ CY REMEDIAL _____ CY IMPORT/EXPORT _____ CY
15. AREA OF HARDSCAPE _____ SQ. FT.
16. TOTAL DISTURBED AREA _____ SQ. FT.
17. EXISTING SITE SLOPE _____ %

SOILS/GEOTECHNICAL REPORT

- 1. A SITE SOILS INSPECTION AND REVIEW FOR THIS PROJECT WAS PREPARED BY: ENGINEER'S NAME, FIRM NAME, FIRM ADDRESS, PHONE, PROJECT NUMBER, DATE
2. DAILY INSPECTION AND TESTING REPORTS SHALL BE PREPARED BY OR UNDER RESPONSIBLE CHARGE OF A CALIFORNIA REGISTERED GEOTECHNICAL OR CIVIL ENGINEER.
3. THE CITY OF LA MESA MAY REQUIRE A SECOND SOILS ENGINEER TO VERIFY TESTS PREPARED BY THE PROJECT SOILS ENGINEER WHERE GOOD CAUSE EXISTS.
4. COMPACTION REPORTS SHALL BE PREPARED, STAMPED AND SIGNED BY CALIFORNIA REGISTERED GEOTECHNICAL ENGINEER AND/OR GEOLOGIST OF RECORD.
5. THE APPLICANT/DEVELOPER SHALL PAY FOR ALL TESTS TO BE PERFORMED BY THE GEOTECHNICAL/SOIL ENGINEER.

SOILS / GEOTECHNICAL ENGINEER CERTIFICATION

I HAVE REVIEWED THESE PLANS AND HAVE FOUND THEM TO BE IN CONFORMANCE WITH THE DESIGN AND CONSTRUCTION RECOMMENDATIONS AS SPECIFIED IN THE GEOTECHNICAL INVESTIGATION REPORT PREPARED BY: (FIRM NAME, DATED, PROJECT NO., ETC.)

GEOTECHNICAL ENGINEER'S SIGNATURE
REGISTRATION NO.: EXP. DATE:
"AS-GRADED" REPORT DATED BY:



EXISTING MONUMENTS, MARKERS, PROPERTY CORNERS, ETC.

THE CONTRACTOR SHALL RE-ESTABLISH AND SET ANY MONUMENT OR BENCHMARKS WHICH WILL BE DISTURBED DURING CONSTRUCTION/GRADING OPERATIONS. A CORNER RECORD OR RECORD OF SURVEY AS APPROPRIATE SHALL BE FILED BY A LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER AS REQUIRED BY THE LAND SURVEYORS ACT.

CONSTRUCTION NOISE

THE CONTRACTOR SHALL COMPLY WITH LA MESA MUNICIPAL CODE SECTION 10.80, NOISE REGULATION. ALL OPERATIONS CONDUCTED ON THE PREMISES, INCLUDING THE WARMING UP, REPAIR, ARRIVAL, DEPARTURE OR RUNNING OF TRUCKS, EARTH MOVING EQUIPMENT, CONSTRUCTION EQUIPMENT AND ANY OTHER ASSOCIATED GRADING EQUIPMENT SHALL BE LIMITED TO THE PERIOD BETWEEN 7:00 AM AND 4:30 PM EACH DAY, MONDAY THROUGH FRIDAY, AND NO EARTH WORKING OR GRADING OPERATIONS SHALL BE CONDUCTED ON THE PREMISES ON SATURDAYS, SUNDAYS OR HOLIDAYS.

UNDERGROUND SERVICE ALERT
SECTION 4216 & 4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE @ 1-800-422-4133 TWO (2) WORKING DAYS BEFORE YOU DIG.
WEB ADDRESS: WWW.DIGALERT.ORG



VICINITY MAP

STORM WATER MANAGEMENT & DISCHARGE CONTROL

REFER TO STORM WATER COVENANT _____, RECORDED _____ FOR MAINTENANCE OF POST CONSTRUCTION WATER QUALITY MEASURES.

- 1. THE CONTRACTOR SHALL COMPLY WITH CITY MUNICIPAL CODE CHAPTER 7.18 (STORM WATER MANAGEMENT AND DISCHARGE CONTROL).
2. THE CONTRACTOR SHALL BE RESPONSIBLE TO ESTABLISH A PLAN TO IMPLEMENT BEST MANAGEMENT PRACTICES (BMP'S) TO ELIMINATE SAND, SILT, CONCRETE WASH, DEBRIS OR POLLUTANT DISCHARGE TO THE PUBLIC STREETS AND STORM DRAIN SYSTEM.
3. THE CONTRACTOR SHALL IMPLEMENT THE EROSION CONTROL MEASURES AS SHOWN ON THE EROSION CONTROL PLANS AND TAKE IMMEDIATE REMEDIAL AND PREVENTIVE ACTION WHEN POLLUTANT DISCHARGE OCCURS AND/OR AS DIRECTED BY THE CITY ENGINEER OR THE BUILDING OFFICIAL.
4. PAVED AREAS SHALL BE SWEEPED BY COMBINATION OF POWER BROOM AND/OR AIR VACUUM SWEEPERS.
5. ALL OF THE ABOVE CONDITIONS SHALL APPLY STARTING THE FIRST DAY OF GRADING AND/OR CONSTRUCTION AND SHALL REMAIN IN EFFECT UNTIL ALL GRADING AND/OR CONSTRUCTION WORK HAS BEEN COMPLETED.

TOTAL AREA: _____
EXISTING IMPERVIOUS AREA: _____
NEW IMPERVIOUS AREA: _____
IMPERVIOUS AREA INCREASE: _____%
STORM WATER CONTACT: _____
BUSINESS PHONE: _____ AFTER HOURS: _____
WDID No.: _____ PROJECT PRIORITY: _____

REQUIRED PERMITS

- 1. AN ENCROACHMENT PERMIT FROM THE CITY ENGINEER'S OFFICE WILL BE REQUIRED FOR ANY WORK IN THE CITY RIGHT-OF-WAY OR PUBLIC EASEMENTS.
2. ENCROACHMENT REMOVAL AGREEMENT, SUBJECT TO APPROVAL OF THE CITY ENGINEER, SHALL BE EXECUTED FOR ANY TYPE OF PRIVATE IMPROVEMENTS ENCROACHING INTO THE PUBLIC RIGHT OF WAY OR PUBLIC EASEMENT (E.G.: RETAINING WALL, FOOTING, FENCE, STEPS, SIGNS, STAMPED CONCRETE, ASPHALT CONCRETE DRIVEWAY, ETC.).
3. A GRADING PERMIT SHALL BE REQUIRED FROM THE BUILDING DEPARTMENT.
4. CONTRACTORS ARE REQUIRED TO OBTAIN A PERMIT FROM THE DEPARTMENT OF OCCUPATIONAL SAFETY & HEALTH (OSHA) FOR CONSTRUCTION OF TRENCHES OR EXCAVATIONS WHICH ARE FIVE FEET OR DEEPER AND INTO WHICH A PERSON IS REQUIRED TO DESCEND.
5. ALL ON-SITE RETAINING WALL CONSTRUCTION SHALL REQUIRE SEPARATE BUILDING PERMIT.
6. A LETTER OF PERMISSION IS REQUIRED FROM PROPERTY OWNERS IF GRADING AND/OR ANY OTHER WORK WILL BE PERFORMED ON ADJACENT PROPERTIES.
7. A TRANSPORTATION PERMIT IS REQUIRED FOR UNUSUALLY WIDE AND HEAVY LOADS.

OWNER:

NAME: _____
ADDRESS: _____
PHONE NO.: _____

LEGAL DESCRIPTION & APN's:

[INSERT LEGAL DESCRIPTION WITH PROPERTY APN'S HERE]

CONSTRUCTION CHANGES:

ALL CONSTRUCTION AND/OR DESIGN CHANGES TO THE APPROVED PLANS SHALL BE PROPOSED BY THE ENGINEER OF WORK AND SUBMITTED TO THE CITY ENGINEER FOR APPROVAL. CONSTRUCTION CHANGES SHALL BE INCORPORATED AT THE SITE AFTER APPROVAL BY THE CITY ENGINEER.

A.C. / P.C.C. & TRENCH BACKFILL & COMPACTION

- 1. AT THE DISCRETION OF THE ENGINEERING INSPECTOR BASED UPON HIS REVIEW OF EXISTING CONDITIONS, PAVEMENT REPLACEMENT SHALL BE ALONG THE ENTIRE PROPERTY FRONTAGE TO STREET CENTERLINE.
2. ALL EXISTING IMPROVEMENTS, INCLUDING STREET PAVEMENT, SHALL BE SAW CUT.
3. A.C. SHALL BE LAID IN TWO (2) LIFTS MINIMUM. A.C. FOR THE BASE COURSE SHALL BE CLASS B-PG 64-10 (1/2"). A.C. FOR THE SURFACE COURSE SHALL BE CLASS D1-PG 64-10 (1/2"). REFER TO SECTION 203 OF GREEN BOOK. SURFACE COURSE SHALL BE 1.0" THICK MINIMUM. (USE CALTRANS SPECIFICATIONS FOR MAJOR/F.A.U. STREETS).
4. ON SITE PARKING LOTS SHALL BE PAVED WITH A MINIMUM OF 3" A.C. OVER 4" CLASS 2 OR D.G. BASE OR AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER BASED ON "R" VALUE.
5. THE STREET SECTION SHALL BE ADJUSTED DURING CONSTRUCTION IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER AND APPROVAL OF THE CITY ENGINEER. (REFER TO TYPICAL SECTION.)
6. ALL CONCRETE CURBS, SIDEWALKS, DRIVEWAYS, SWALES AND CROSS GUTTERS SHALL BE CONSTRUCTED ON A MINIMUM 3" DG BASE.
7. TRENCH BACKFILL FOR ALL UTILITIES IN PUBLIC RIGHT-OF-WAY AND IN PUBLIC EASEMENTS SHALL BE D.G. OR CLASS 2 MATERIAL. TRENCH BACKFILL FOR MAJOR/F.A.U. STREETS SHALL BE CLASS 2 MATERIAL. CLASS 2 MATERIAL SHALL MEET CALTRANS SPECIFICATIONS, SECTION 26-1.02a (1/2" MAXIMUM).
8. ALL ONSITE PRIVATE IMPROVEMENTS MAY BE CONSTRUCTED ON NATIVE OR OTHER SUITABLE BASE MATERIAL IF APPROVED BY A GEOTECHNICAL/SOILS ENGINEER.
9. A.C. PAVEMENT SECTIONS SHALL BE PER SOILS/GEOTECH RECOMMENDATIONS BUT AT A MINIMUM OF 4" ON 8" BASE AND 6" ON 10" BASE FOR MAJOR / F.A.U. STREETS OR 1" THICKER THAN EXISTING PAVEMENT THICKNESS, WHICHEVER IS GREATER.
10. THE UPPER 2.5 FEET OF THE TRENCH MEASURED FROM TOP OF PAVEMENT IN THE PUBLIC RIGHT-OF-WAY/PUBLIC STREETS SHALL BE COMPACTED TO A RELATIVE COMPACTION OF 95 PERCENT OF MAXIMUM DRY DENSITY.
11. CLASS 2 MATERIAL SHALL MEET CALTRANS SPECIFICATIONS, SECTION 26-1.02A (3/4" MAXIMUM).
12. DISINTEGRATED GRANITE (D.G.) SHALL MEET THE GREEN BOOK SPECIFICATIONS, SECTION 400-2.31.
13. FOR MATERIAL TESTING, REFER TO CALTRANS SPECIFICATIONS, SECTION, 6-3.01

LANDSCAPE & IRRIGATION:

- 1. ALL SLOPES OVER THREE FEET IN HEIGHT SHALL BE PLANTED.
2. ALL MAJOR CUT AND FILL SLOPES (THOSE IN EXCESS OF 15 FEET VERTICALLY) SHALL BE PLANTED. REQUIRED IRRIGATION SYSTEM SHALL BE INSTALLED. IN ADDITION, AT THE DISCRETION OF THE CITY ENGINEER, ANY SLOPE THAT IS CONSIDERED A POTENTIAL EROSION HAZARD MUST ALSO BE PLANTED.
3. LANDSCAPE AND IRRIGATION PLANS SHALL BE APPROVED BY THE PLANNING DEPARTMENT PRIOR TO ISSUANCE OF THE GRADING PERMIT.
4. THE OWNER SHALL INSTALL AND MAINTAIN LANDSCAPE AND IRRIGATION SYSTEM BETWEEN THE CURB AND THE PROPERTY LINE.
5. ALL WALL DRAINS ARE TO BE CONNECTED TO YARD DRAINAGE SYSTEM.

MATERIAL SUBSTITUTIONS:

MATERIAL SUBSTITUTIONS SHALL BE PROPOSED BY THE ENGINEER OF WORK. THE PROPOSAL SHALL INCLUDE SPECIFICATIONS, TEST RESULTS, WITH OTHER RELEVANT INFORMATION FOR REVIEW AND APPROVAL BY THE CITY ENGINEER. NO MATERIAL SHALL BE SUBSTITUTED WITHOUT THE APPROVAL OF THE CITY ENGINEER.

SOURCE OF TOPOGRAPHY:

THE CONTOURS/TOPO/ELEVATIONS SHOWN ON THESE PLANS ARE BASED ON FIELD SURVEY AND MEASUREMENTS PERFORMED ON _____ BY _____ RCE/LS NO. _____

CONSTRUCTION STAKING BY: _____ RCE/LS NO. _____
NAME AND ADDRESS & TEL. #: _____

ENGINEER OF WORK

"I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS & PROFESSIONS CODE AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS. I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF LA MESA IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN."

SDS
ENGINEER OF WORK _____ RCE NO. _____
[PLEASE INCLUDE CONTACT INFO: FIRM NAME, PHONE # AND EMAIL.]



WORK TO BE DONE:

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE IN ACCORDANCE WITH THESE PLANS AND STANDARD SPECIFICATIONS FOR THE CITY OF LA MESA AND TO THE SATISFACTION OF THE CITY ENGINEER.

STANDARD SPEC'S & STANDARD DRAWINGS:

- 1. DESIGN CRITERIA FOR PUBLIC IMPROVEMENTS, ADOPTED BY THE CITY COUNCIL OF THE CITY OF LA MESA AS RESOLUTION NO. 15570, EFFECTIVE JULY 28, 1987.
2. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, ("GREEN BOOK"), 2018 EDITION AND REGIONAL SUPPLEMENT AMENDMENTS.
3. STANDARD SPECIFICATIONS AND STANDARD PLANS, DEPARTMENT OF TRANSPORTATION (CALTRANS 2002 EDITION).
4. ALL WORK SHALL COMPLY WITH 2016 CALIFORNIA BUILDING CODE, 2016 CALIFORNIA MECHANICAL CODE, 2016 CALIFORNIA PLUMBING CODE, 2016 CALIFORNIA ELECTRICAL CODE, 2016 CALIFORNIA FIRE CODE WITH CITY OF LA MESA MUNICIPAL CODE AMENDMENTS, 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE, AND, 2016 CALIFORNIA ENERGY CODE WITH 2016 CALIFORNIA ENERGY EFFICIENCY STANDARDS. LMMC 14.10.010, 11.04.020
5. CITY OF LA MESA MUNICIPAL CODE, CHAPTER 14.05.
6. CITY OF LA MESA STANDARD DRAWINGS, INCLUDING SAN DIEGO AREA REGIONAL STANDARD DRAWINGS, 2012 EDITION.
7. HELIX WATER DISTRICT WATER AGENCY STANDARDS (WAS), CURRENT EDITION.

LEGEND

Table with columns: DESCRIPTION, STANDARD, SYMBOL, QUANTITY. Lists various construction elements like PROPERTY LINE, LOT LINE, EXISTING WATER LINE, EXISTING SEWER, EXISTING GAS LINE, EXISTING STORM DRAIN, EXISTING GROUND CONTOURS, EXISTING SPOT ELEVATION, EXISTING UTILITY TO BE REMOVED, PROPOSED GROUND CONTOURS, PROPOSED CUT/FILL SLOPE, RETAINING WALL, PROPOSED SPOT ELEVATIONS, DEEPEENED FOOTING/RAISED STEM WALL, 6" CURB, 6" CURB & GUTTER, FINISH SURFACE / GRADE ELEVATION, TOP OF CURB ELEVATION, FLOW LINE, DIRECTION OF DRAINAGE, FIRE SERVICE LATERAL, WATER LATERAL, SEWER LATERAL.

GRADING PERMIT: GP- _____ ISSUED: _____
BUILDING PERMIT: BP- _____ ISSUED: _____
ENCROACHMENT PERMIT: _____ ISSUED: _____
PRIVATE CONTRACT

CITY OF LA MESA
STREET IMPROVEMENT PLANS FOR:
High Street Crossing Near Spring Street Transit Station
4250 Spring Street La Mesa, CA
CITY OF LA MESA, CALIFORNIA - PUBLIC WORKS/ENGINEERING DIVISION
SHEET 1. OF 4 SHEETS
CITY ENGINEER: R.C.E. 50279 DATE: _____
DESCRIPTION: BY: APPROVED: DATE: FILMED:
UTILITIES: _____ DEVELOPMENT: _____
TRAFFIC: _____ PUBLIC WORKS: _____
X
CITY MAINTENANCE ZONE
XXXXX
DRAWING NUMBER

SCANNED BY: _____ DATE: _____ HWD W.O. # _____

GRADING, RETAINING WALL & DRAINAGE DATA TABLE:

ZONING: _____
AREA OF THE LOT/PARCEL (SQ. FT): _____
SITE TO BE GRADED (%): _____
SITE AREA WITH EXISTING SLOPES 25% OR GREATER (%): _____
MAXIMUM HEIGHT: CUT SLOPES _____ FILL SLOPES _____
COLLECTION & DISPOSITION OF ON SITE DRAINAGE TO: _____

Table with 5 columns: WALL #, LENGTH, MAX HT., AREA, WALL TYPE. Rows A, B, C, D.

CONTRACTOR'S LICENSE & LIABILITY INSURANCE:

- 1. THE CONTRACTOR SHALL FURNISH THE CITY A POLICY OR CERTIFICATE OF LIABILITY INSURANCE IN WHICH THE AGENCY IS THE NAMED INSURED OR IS NAMED AS AN ADDITIONAL WITH THE CONTRACTOR.
2. PRIOR TO ISSUANCE OF THE ENCROACHMENT PERMIT, THE PRIME CONTRACTOR MUST HAVE CLASS 'A' LICENSE (GENERAL ENGINEERING CONTRACTOR) OR AS APPROVED BY THE CITY ENGINEER.
3. THE CONTRACTOR SHALL PROVIDE PROOF OF INSURANCE AND LICENSE PRIOR TO ISSUANCE OF THE ENCROACHMENT PERMIT.

BUSINESS LICENSE:

- 1. THE CONTRACTORS AND SUBCONTRACTORS ARE REQUIRED TO OBTAIN A BUSINESS LICENSE PRIOR TO THE COMMENCEMENT OF ANY TYPE OF CONSTRUCTION OR GRADING OPERATION PURSUANT TO THE LA MESA MUNICIPAL CODE SECTION 6.08.010 THRU 6.08.240. FOR INFORMATION CONTACT THE LA MESA FINANCE DEPARTMENT AT 619-667-1118.

BOND RELEASE, "AS-BUILT" OR RECORD PLANS AND ELECTRONIC FILES:

- 1. THE CONTRACTOR SHALL MAINTAIN ONE SET OF PLANS WITH ALL CONSTRUCTION CHANGES. THE PLAN SHALL BE MADE AVAILABLE TO THE ENGINEER OF WORK TO PREPARE RECORD PLANS. THE BOND WILL BE RELEASED AND THE FINAL OCCUPANCY PERMIT WILL BE ISSUED ONLY AFTER THE RECORD PLANS (MYLARS) ARE PROVIDED WITH AN ELECTRONIC FILE AND THE PLANS ARE REVIEWED AND APPROVED BY THE CITY INSPECTOR.
2. THREE COPIES OF AS-BUILT GRADING DOCUMENTATION SHALL BE SUBMITTED THROUGH CITY BUILDING DIVISION FOR REVIEW PRIOR TO FINAL GRADING INSPECTION AND SHALL INCLUDE:
A) GRADING PLAN PREPARED, STAMPED AND SIGNED BY CALIFORNIA REGISTERED CIVIL ENGINEER OF RECORD WHICH SHOWS SITE DEVELOPMENT, GRADING AND EROSION CONTROL ELEMENTS AND MEASURES AS PERMITTED AND SHOWS AS-BUILT ELEMENTS AND MEASURES REDLINED FOR ANY CHANGES MADE DURING GRADING.
B) GEOTECHNICAL REPORT PREPARED, STAMPED AND SIGNED BY CALIFORNIA REGISTERED GEOTECHNICAL ENGINEER OF RECORD WHICH INCLUDES SUMMARIES OF TESTING MADE DURING GRADING, ANY ADDITIONAL GEOTECHNICAL INFORMATION DISCOVERED DURING GRADING, COMMENTS ON ANY CHANGES MADE DURING GRADING, RECOMMENDATIONS BASED ON ANY CHANGES MADE DURING GRADING.

ADDITIONAL FEES & USER FEE COST RECOVERY POLICY (RESO. NO. 2004-071):

- 1. ADDITIONAL PLAN REVIEW AND INSPECTION FEES WILL BE CHARGED FOR PLAN CHECKS GOING BEYOND 3 REVIEWS AND CONSTRUCTION REVISIONS TO THE APPROVED PLANS. THE MINIMUM FEE WILL BE FOR TWO HOURS OF THE CITY STAFF TIME. THE ENGINEERS, ARCHITECTS AND DESIGNERS ARE ENCOURAGED TO PREPARE PLANS AS ACCURATE AS POSSIBLE TO AVOID ADDITIONAL FEES.

STORM WATER NOTES:

- 1. THE CITY OF LA MESA HAS ESTABLISHED MINIMUM BMPs THAT MUST BE IMPLEMENTED AT ALL CONSTRUCTION SITES REGARDLESS OF THE WATER QUALITY THREAT PRIORITIZATION. EACH CONSTRUCTION SITE WILL BE REQUIRED TO PREVENT DISCHARGES TO THE MEP USING AN EFFECTIVE COMBINATION OF PLANNING AND RESEARCH, EROSION PREVENTION, SEDIMENT CONTAINMENT, MATERIALS AND EQUIPMENT MANAGEMENT AND NON-STORM WATER DISCHARGE AND DRAINAGE CONTROL. THE CITY WILL ALSO REQUIRE IMPLEMENTATION OF ANY ADDITIONAL SITE SPECIFIC BMPs AS NECESSARY TO COMPLY WITH THE PERMIT.
2. DRY SEASON (MAY 1 THROUGH SEPTEMBER 30)
- ALL EXPOSED DISTURBED AREAS MUST HAVE EROSION PREVENTION CONTROLS PROPERLY INSTALLED INCLUDING BUILDING PADS, UNFINISHED ROADS AND SLOPES. SLOPES GREATER THAN 3:3% OR 1:3 (VERTICAL VS. HORIZONTAL) MAY USE PROPERLY DESIGNED AND INSTALLED DE-SILTING BASINS AT ALL DISCHARGE POINTS IN LIEU OF THIS REQUIREMENT.
- ADEQUATE PERIMETER PROTECTION BMPs MUST BE INSTALLED AND MAINTAINED.
- ADEQUATE SEDIMENT CONTROL BMPs MUST BE INSTALLED AND MAINTAINED.
- ADEQUATE BMPs DESIGNED TO CONTROL OFF-SITE SEDIMENT TRACKING MUST BE INSTALLED AND MAINTAINED.
- AT A MINIMUM, 125% OF THE MATERIALS NEEDED TO INSTALL STANDBY BMPs NECESSARY TO COMPLETELY PROTECT EXPOSED PORTIONS OF THE SITE FROM EROSION AND PREVENT SEDIMENT DISCHARGES MUST BE STORED ON THE SITE.
- AN APPROVED "WEATHER TRIGGERED" RESPONSE PLAN IS MANDATED FOR IMPLEMENTATION IN THE EVENT THAT A PREDICTED STORM EVENT HAS A 50% CHANCE OF RAIN. THE PROPOSER MUST HAVE THE CAPACITY TO DEPLOY THE STANDBY BMPs WITHIN 48 HOURS OF THE PREDICTED STORM EVENT.
- ALL SLOPES MUST BE EQUIPPED WITH EROSION PREVENTION BMPs AS SOON AS SLOPES ARE COMPLETED FOR ANY PORTION OF THE SITE.
- CLEARED OR GRADED AREAS LEFT EXPOSED AT ANY GIVEN TIME ARE LIMITED TO THE AMOUNT OF ACREAGE THAT THE PROJECT PROPOSER CAN ADEQUATELY PROTECT PRIOR TO A PREDICTED STORM EVENT.

STORM WATER NOTES (cont'd.):

- 3. WET SEASON (OCTOBER 1 THROUGH APRIL 30)
- IN ADDITION TO THE DRY SEASON REQUIREMENTS:
- PERIMETER PROTECTION AND SEDIMENT CONTROL BMPs MUST BE UPGRADED IF NECESSARY TO PROVIDE SUFFICIENT PROTECTION FOR STORMS.
- ADEQUATE EROSION PREVENTION BMPs MUST BE INSTALLED AND ESTABLISHED FOR ALL COMPLETED SLOPES PRIOR TO OCTOBER 1 AND MAINTAINED THROUGHOUT THE WET SEASON. IF A BMP FAILS, IT MUST BE REPAIRED, IMPROVED OR REPLACED WITH AN ACCEPTABLE ALTERNATE AS SOON AS IT IS SAFE TO DO SO.
- THE AMOUNT OF EXPOSED SOIL ALLOWED AT ONE TIME SHALL NOT EXCEED STANDBY EROSION AND SEDIMENT CONTROL BMP CAPACITY.
- AN INCOMPLETE DISTURBED AREA THAT IS NOT BEING ACTIVELY GRADED MUST BE FULLY PROTECTED FROM EROSION IF LEFT FOR 10 DAYS OR MORE.
4. MINIMUM BMPs FOR CONSTRUCTION ACTIVITIES
THE CITY HAS COMPILED AN INVENTORY OF BMPs APPLICABLE TO CONSTRUCTION ACTIVITIES. SELECTED BMPs WERE OBTAINED FROM THE CALTRANS CONSTRUCTION SITE BEST MANAGEMENT PRACTICES MANUAL (NOVEMBER 2000) AND HAVE BEEN ALTERED BY THE CITY WHERE APPROPRIATE AND NOTED WITH AN ASTERISK. CONSTRUCTION PROJECTS WITHIN THE CITY WILL BE REQUIRED TO IMPLEMENT AT LEAST ONE OF THE BMPs FROM EACH CATEGORY AND SUBCATEGORY LISTED BELOW, WHERE APPLICABLE. ADDITIONAL BMPs MAY BE SELECTED FOR SPECIFIC PURPOSES. IN THE LISTING BELOW, CALTRANS BMP IDENTIFICATION NUMBERS ARE GIVEN IN PARENTHESES.
A. SOIL STABILIZATION AND EROSION PREVENTION - PHYSICAL STABILIZATION BMPs SUCH AS VEGETATION, LANDSCAPING OR STRUCTURAL METHODS ARE REQUIRED TO PREVENT EROSION FROM EXPOSED SLOPES.
1. PLANNING AND SCHEDULING (SS-1)*
2. PHYSICAL STABILIZATION
- PRESERVATION OF EXISTING VEGETATION (SS-2)*
- HYDRAULIC MULCH (SS-3)*
- HYDROSEEDING (SS-4)*
- SOIL BINDERS (SS-5)*
- STRAW MULCH (SS-6)*
- GEOTEXTILES, PLASTIC COVERS AND EROSION CONTROL BLANKETS/MATS (SS-7)*
- WOOD MULCHING (SS-8)*
- EARTH DIKES/DRAINAGE SWALES AND LINED DITCHES (SS-9)*
3. SITE DRAINAGE
- OUTLET PROTECTION/VELOCITY DISSIPATION (SS-10)*
- SLOPE DRAINS (SS-11)*
B. SEDIMENT CONTAINMENT - SEDIMENT CONTAINMENT CONTROLS SHOULD BE USED TO SUPPLEMENT EROSION PREVENTION METHODS NOT AS A SUBSTITUTE FOR EROSION CONTROL. SEDIMENT CONTROL ACT TO CONTAIN SEDIMENT THAT HAS BEEN PREVIOUSLY ERODED AND MAY GET CARRIED ON-SITE AND/OR DISCHARGED FROM THE SITE IN SHEET FLOW OR FROM TRACKING BY EQUIPMENT AND VEHICLES.
1. PERIMETER PROTECTION
- SILT FENCING (SC-1)*
- GRAVEL BAG BERM (SC-6)*
- FIBER ROLLS (SC-5)*
2. SEDIMENT CAPTURE
- STORM DRAIN INLET PROTECTION (SC-10)*
- SEDIMENT TRAP (SC-3)*
- DE-SILTING BASINS (SC-2)* DESIGNED IN ACCORDANCE WITH INDUSTRY STANDARDS SUCH AS CALTRANS, CALIFORNIA STORM WATER BMP MANUAL. IF THE PROJECT IS FIVE ACRES OR GREATER THE DE-SILTING BASIN MUST BE DESIGNED IN ACCORDANCE WITH THE STATE GENERAL CONSTRUCTION PERMIT, ORDER DWQ 99-08.
- GRAVEL BAG BARRIER (SC-8)*
3. SEDIMENT TRACKING
- STABILIZE CONSTRUCTION ENTRANCES AND EXITS (TC-1)*
- CONSTRUCTION ROAD STABILIZATION (TC-2)
- ENTRANCE/ OUTLET TIRE WASH (TC-3)*
- STREET SWEEPING (SC-7)*
C. MATERIALS AND EQUIPMENT MANAGEMENT - PREVENT THE CONTAMINATION OF STORM WATER FROM WASTE MATERIALS, CONSTRUCTION MATERIALS, VEHICLES AND EQUIPMENT STORED ON-SITE.
1. MATERIALS MANAGEMENT
- MATERIAL DELIVERY AND STORAGE (WM-1)
- MATERIAL USE (WM-2)
- STOCKPILE MANAGEMENT (WM-3)*
- SPILL PREVENTION AND CONTROL (WM-4)
2. WASTE MANAGEMENT
- SOLID (WM-5)*
- LIQUID (WM-10)*
- SANITARY (WM-9)
- CONCRETE (WM-8)*
- HAZARDOUS (WM-6)*
- CONTAMINATED SOIL (WM-7)*
D. NON-STORM WATER DISCHARGE AND DRAINAGE CONTROL - MANAGEMENT OF NON-STORM WATER DISCHARGES INVOLVES POLLUTION PREVENTION METHODS AS WELL AS DRAINAGE CONTROL. EACH SITE MUST EVALUATE THE POTENTIAL POLLUTANTS ON-SITE, WHICH MAY BE DISCHARGED DURING CONSTRUCTION ACTIVITIES. IN ADDITION TO POLLUTION PREVENTION, THE PROJECT MANAGERS MUST IMPLEMENT APPROPRIATE DRAINAGE CONTROL METHODS TO DIVERT, CONTAIN AND PROPERLY DISCHARGE DRAINAGE GENERATED BY CONSTRUCTION ACTIVITIES.
1. GENERAL
- PAVING AND GRINDING OPERATIONS (NS-3)*
2. NON-STORM WATER DISCHARGES
- WATER CONSERVATION PRACTICES (NS-1)*
- DEWATERING OPERATIONS (NS-2)*
- POTABLE WATER/IRRIGATION AND FLUSHING (NS-7)
3. VEHICLE AND EQUIPMENT OPERATIONS
- VEHICLE AND EQUIPMENT CLEANING (NS-8)*
- VEHICLE AND EQUIPMENT FUELING (NS-9)
- VEHICLE AND EQUIPMENT MAINTENANCE (NS-10)
5. PROPERTY OWNERS AND/OR PERMIT HOLDERS WILL BE RESPONSIBLE FOR THE SELECTION, INSTALLATION AND MAINTENANCE OF PROPER BMPs IN ACCORDANCE WITH INDUSTRY RECOMMENDED STANDARDS SUCH AS THE CALTRANS OR CALIFORNIA STORM WATER BMP HANDBOOKS OR IN ACCORDANCE WITH THE CALIFORNIA GENERAL PERMIT FOR CONSTRUCTION. DEPENDING ON SITE-SPECIFIC INFORMATION SUCH AS PROJECT SCOPE AND POTENTIAL ASSOCIATED DISCHARGES, ADDITIONAL BMPs MAY BE REQUIRED WHERE APPROPRIATE. PROJECT PROPOSERS WILL NEED APPROVAL FROM THE CITY PRIOR TO INSTALLATION OF ANY ALTERNATE BMPs NOT LISTED BELOW.

STORM WATER NOTES (cont'd.):

- 6. NO WORK MAY COMMENCE UNTIL BMPs ARE IMPLEMENTED.
7. DEMOLITION PERMITS REQUIRE THE IMPLEMENTATION OF SITE CONTROL BMPs.
8. SOIL STOCKPILES SHALL BE COVERED AND CONTAINED ALL YEAR ROUND.
9. CONSTRUCTION SITES EQUAL TO OR GREATER THAN ONE ACRE ARE ALSO REQUIRED TO COMPLY WITH THE GENERAL CONSTRUCTION PERMIT ORDER. NOTICE OF INTENT (NOI), STORM WATER POLLUTION PREVENTION PLAN (SWPPP), AND MONITORING PROGRAM MUST BE COMPLETED AND STORED ON SITE PRIOR TO COMMENCEMENT OF EARTH WORK ACTIVITIES.

PERMANENT POST-CONSTRUCTION BMP NOTES:

- 1. OPERATION AND MAINTENANCE SHALL BE SECURED BY AN EXECUTED AND RECORDED STORM WATER MAINTENANCE COVENANT, HOA'S COVENANTS, CONDITIONS AND RESTRICTIONS (CC&R'S), OR ANOTHER MECHANISM APPROVED BY THE CITY ENGINEER, THAT ASSURES ALL PERMANENT BMPs WILL BE MAINTAINED IN PERPETUITY.
2. PERMANENT POST CONSTRUCTION BMP DEVICES SHOWN ON PLAN SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE CITY ENGINEER OR RESIDENT ENGINEER AND THE ENGINEER OF WORK.
3. INSPECTION FOR EFFECTIVENESS AND ASSESSMENT OF PERFORMANCE MAY NECESSITATE MODIFICATIONS TO THE SELECTED PERMANENT POST-CONSTRUCTION BMPs.

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 FILED.
2. STRUCTURAL PRACTICES: DESILTING BASINS, DIVERSION DITCHES, DOWN DRAINS, INLETS, OUTLET PROTECTION MEASURES, AND OTHER PERMANENT WATER QUALITY AND SEDIMENT AND EROSION CONTROL SHALL BE INSPECTED PRIOR TO OCTOBER 1 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.

HELIX WATER DISTRICT NOTES:

HWD HAS INFORMED THE CITY THAT THEIR 'STANDARD NOTES' CHANGE DEPENDING UPON THE TYPE F JOB. CONTACT HWD FOR THEIR MOST CURRENT NOTES APPLICABLE TO YOUR JOB AND PLACE THEM HERE.

TRAFFIC SIGNAL NOTES:

- 1. ALL PULL BOXES SHALL BE #5, AND HAVE THE WORDS "TRAFFIC SIGNAL" ON THE COVER, AND CONDUIT SHALL BE AS SHOWN IN THE CONDUCTOR AND CONDUIT SCHEDULE.
2. ALL TRAFFIC SIGNAL EQUIPMENT AND CONSTRUCTION SHALL CONFORM TO CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS, SPECIFICATIONS AND IN CONFORMANCE WITH THE MUTCD, UNLESS EQUIPMENT IS SUPPLIED OR OTHERWISE SPECIFIED BY THE CITY OF LA MESA (SEE SPECIFICATIONS).
3. ELECTRIC SERVICE WILL BE APPLIED FOR BY THE CITY OF LA MESA AT THE TIME OF CONSTRUCTION.
4. FOR ANSWERS TO ANY QUESTIONS CONCERNING THE TRAFFIC SIGNAL DESIGN, CONTACT THE PROJECT MANAGER AT 619-667-1166
5. INSTALL TYPE "170" SYSTEM CONTROLLER ASSEMBLY PER CURRENT CITY OF LA MESA SPECIFICATIONS, COMPLETE WITH CABINET, VIDEO/DETECTOR SENSOR UNIT(S), CONFLICT MONITOR, AND ALL OTHER AUXILIARY EQUIPMENT NECESSARY TO PROVIDE THE INTENDED OPERATION AS PROVIDED IN THE SPECIFICATIONS. CABINET TO BY TYPE 332 UNLESS NOTED OTHERWISE.
6. INSTALL TYPE III SERVICE I-50A IP CIRCUIT BREAKER FOR METERED SIGNAL AND I-30A IP CIRCUIT FOR UNMETERED LIGHTING.
7. CONDUCTOR SCHEDULE IS FURNISHED AS AN INSTALLATION GUIDELINE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS REQUIRED FOR THE INTENDED OPERATION
8. INDUCTIVE LOOP DETECTORS SHALL BE POSITIONED IN THE CENTER OF THE TRAVEL LANE UNLESS OTHERWISE NOTED, AND SHALL BE THE TYPE SPECIFIED IN THE CALTRANS STANDARD PLANS AND SPECIFICATIONS. WHEN VIDEO DETECTION IS REQUIRED, VIDEO SHALL BE POSITIONED BASED ON MANUFACTURERS AND CITY'S RECOMMENDATIONS.
9. ALL SIGNAL HEADS SHALL BE 12" IN DIAMETER WITH 5" BORDER, PLASTIC BACK PLATES AND GLASS LENSES. ALL INDICATIONS SHALL BE L.E.D. 12" RED L.E.D. BALLS TO BE DIALIGHT #433-1210-003. 12" GREEN L.E.D. BALLS TO BE DIALIGHT #433-2220-001. 12" YELLOW L.E.D. BALLS SHALL BE DIALIGHT #433-3230-001 OR APPROVED EQUAL.
10. PEDESTRIAN HEADS AND PUSH BUTTON SIGNS SHALL BE INTERNATIONAL SYMBOLS. PEDESTRIAN HEADS SHALL BE L.E.D FILLED LAYOUT TYPE. PEDESTRIAN PUSH BUTTONS SHALL BE PER ADA REQUIREMENTS. USE DIALITE OR EQUIVALENT PEDESTRIAN HEADS. PUSH BUTTON SHALL BE POLARA NAVIGATOR-2 APS OPTION "B" FACE PLATE WITH CUSTOM VOICE CHIPS PER ENGINEER'S SPECIFICATION. POLARA NAVIGATOR-2 SYSTEM SHALL HAVE AT LEAST ONE CONFIGURATION DEVICE.
11. ANCHOR BOLT NUT COVERS SHALL BE PROVIDED FOR ALL STANDARDS.
12. CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR TRAFFIC SIGNAL INSTALLATION PER CALTRANS MUTCD TO THE CITY OF LA MESA ENGINEERING SERVICES DIVISION A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION.
13. ALL TRAFFIC SIGNAL POLE FOUNDATIONS SHALL HAVE A 3" CONDUIT INSTALLED TO THE ADJACENT NO. 5 PULL BOX. THE CONTROLLER FOUNDATION SHALL HAVE A SPARE 3" CONDUIT STUBBED OUT TO THE ADJACENT EXISTING #6 PULL BOX FOR FUTURE USE.
14. CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT AND INSTALLATION OF TRAFFIC STRIPING, PAVEMENT MARKINGS, AND TRAFFIC SIGNING AS SHOWN ON THIS PLAN TO BE INSTALLED.
15. CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE CITY ENGINEER FOR THE REMOVAL OF THE STRIPING & PAVEMENT MARKINGS, AND THE RELOCATION OF THE TRAFFIC SIGN LOCATIONS PRIOR TO PAINTING AND INSTALLATION.
16. CONTRACTOR SHALL NOT ERECT ANY SIGNAL STANDARDS MORE THAN THREE (2) WEEKS PRIOR TO SCHEDULED TRAFFIC SIGNAL TURN ON.
17. FLASHING SIGNAL OPERATION SHALL BE RED ON ALL PHASES. PEDESTRIAN HEADS SHALL BE BLANK DURING FLASHING OPERATION.
18. ALL TRAFFIC SIGNAL IMPROVEMENTS SHALL BE INSTALLED IN COORDINATION WITH THE SIGNING AND STRIPING CONTRACTOR.
19. ALL PAVEMENT MARKINGS AND LEGENDS SHALL BE PRE FORMED THERMOPLASTIC. EXISTING STRIPING AND PAVEMENT MARKINGS THAT CONFLICT WITH NEW STRIPING AND PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE CITY ENGINEER.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MONUMENTS AND/OR BENCHMARKS WHICH WILL BE DISTURBED OR DESTROYED BY CONSTRUCTION. SUCH POINTS SHALL BE REFERENCED AND REPLACED WITH APPROPRIATE MONUMENTS BY A LICENSED LAND SURVEYOR OR A REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED BY THE LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER AS REQUIRED BY THE LAND SURVEYORS ACT.
22. CONTRACTOR IS RESPONSIBLE FOR ABANDONING ALL EXISTING LOOP DETECTORS AND CONDUIT RUNS IN PLACE. REMOVE AND DISPOSE OF EXISTING WIRES APPROPRIATELY, EXCEPT FOR ADVANCE LOOP DETECTORS AND CONDUITS.
23. CONTRACTOR IS RESPONSIBLE FOR ABANDONING EXISTING CONDUITS, AND REMOVING ALL EXISTING CONDUCTORS AND FOR INSURING THAT FIBER OPTIC CONNECTIONS ARE OPERATIONAL AFTER CONSTRUCTION IS COMPLETE.
24. INSTALL W 3-3 & W20-1 SIGNS ON ALL APPROACHES AS PART OF THE TRAFFIC CONTROL PLAN (300' BACK) DURING CONSTRUCTION. REMOVE SIGNS AFTER CONSTRUCTION IS COMPLETED.
25. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND PROTECTING ALL UTILITIES DURING CONSTRUCTION.
26. ANY CONCRETE SIDEWALK MODIFIED OR DAMAGED AS A RESULT OF CONSTRUCTION MUST HAVE THE ENTIRE PANEL REPLACED FROM JOINT TO JOINT.
27. CONTRACTOR IS RESPONSIBLE FOR REPLACING PEDESTRIAN RAMPS THAT ARE NOT ADA COMPLIANT PER CITY DESIGN.
28. CONTRACTOR IS RESPONSIBLE FOR ABANDONING ALL EXISTING PULL BOXES. REMOVE AND DISPOSE OF EXISTING WIRES APPROPRIATELY.
29. CONTRACTOR SHALL REMOVE AND DELIVER EQUIPMENT TO THE CITY AS DIRECTED BY THE CITY ENGINEER. CARE SHALL BE TAKEN TO SALVAGE EQUIPMENT.
30. CONTRACTOR SHALL REMOVE ALL SIGNAL FOUNDATIONS 3 FEET BELOW THE GROUND LEVEL, BACKFILL WITH GRANULAR MATERIALS AS APPROVED BY THE CITY ENGINEER AND SUITABLY COMPACT AS FOR SIDEWALK CONSTRUCTION.

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BUILDING AND RETAINING WALL LOCATION SURVEY
PRIORITY TO REQUESTING ANY INSPECTION RELATED TO FOUNDATION PLACEMENT, PROCESSING FOR BUILDING LOCATION VERIFICATION SURVEY FORM MUST BE COMPLETED. THE BUILDING LOCATION VERIFICATION SURVEY FORM IS REQUIRED TO BE COMPLETED, STAMPED AND SIGNED BY CALIFORNIA REGISTERED CIVIL ENGINEER OR LAND SURVEYOR.
CITY OF LA MESA
Street IMPROVEMENT PLANS FOR:
High Street Crossing Near Spring Street Transit Station
4250 Spring Street La Mesa, CA
CITY OF LA MESA, CALIFORNIA - PUBLIC WORKS/ENGINEERING DIVISION
SHEET 2 OF 4 SHEETS
CITY ENGINEER: R.C.E. 50279 DATE:
DESCRIPTION: BY APPROVED DATE FILMED
ORIGINAL:
THOMAS BROS. PG/GRID
X
CITY MAINT. ZONE
XXXX.X
UTILITIES: DEVELOPMENT:
TRAFFIC: PUBLIC WORKS:
DRAWING NUMBER

RECORD DRAWING
INDEXED BY:
BY: San Diego Student Designs. RCE: DATE: 05/13/2020
REVIEWED BY: CITY INSPECTOR DATE
APPROVED: CITY ENGINEER DATE

BENCHMARK DATA
DESCRIPTION:
LOCATION:
RECORD FROM:
ELEVATION: DATUM:

SDSD Engineers
ENGINEER OF WORK
RCE NO.



