

# CENTER STREET IMPROVEMENT PROJECT

## DRAINAGE AND CHANNEL CONSTRUCTION ON CENTER ST. FROM SECOND STREET TO THIRD ST. - LPP5B1L-5 5278(021)

### IN THE CITY OF WESTMORLAND, COUNTY OF IMPERIAL, STATE OF CALIFORNIA

**GENERAL NOTES:**

- PROJECT WORK TO BE ACCOMPLISHED CONSISTS OF GRADING, CRACK FILLING, SKIN PATCH, NEW AC PAVEMENT, REMOVE AND REPLACE EXISTING CURB AND GUTTER, NEW CURB AND GUTTER, REMOVE AND REPLACE EXISTING CROSS GUTTER, REMOVE AND REPLACE EXISTING GDA CORNER RAMP, NEW SIDEWALK, SANDWICH EXISTING AC PAVEMENT, GUTTER, ADJUST TO EXISTING FINISH ELEVATION, TRAFFIC CONTROL, INSTALLATION OF STREET LIGHTS, AND NEW WATER MAIN WITH VALVES.
- CONTRACTOR WILL NOT STORE MATERIAL, EXCESS DIRT OR EQUIPMENT IN THE RIGHT-OF-WAY OR EXCAVATION WASTE FROM TRUCKS OR OTHER EQUIPMENT ON COMPLETION OF THE WORK ALL EXCESS MATERIAL SHALL BE REMOVED FROM THE RIGHT-OF-WAY.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY AND ADEQUATE SAFETY PRECAUTIONS SUCH AS SIGNS, FLAGS, LIGHT BARRICADES AND FLAG MEN AS REQUIRED BY THE LOCAL AUTHORITIES AND IN ACCORDANCE WITH THE CALIFORNIA.
- CONTRACTOR SHALL BE SAFELY RESPONSIBLE FOR AND HOLD HARDCAP THE CITY OF WESTMORLAND AND THE PUBLIC FROM ANY AND ALL DAMAGE TO THE TRAVELING PUBLIC.
- THE CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST, THE POLLUTION ORNANCES OR RULES.
- BEFORE ANY MACHINE WORK IS DONE, CONTRACTOR SHALL STAKE OUT AND MARK THE ITEMS ESTABLISHED ON THE SITE PLAN. CONTROL POINTS SHALL BE PRESERVED AT ALL TIMES THROUGHOUT THE PROJECT. ALL WORK SHALL BE STOPPED IMMEDIATELY IF ANY CONTROL STAKES MAY REQUIRE CESSATION OF OPERATIONS UNTIL SUCH POINTS AND GRASSES HAVE BEEN PLACED TO THE ENGINEER'S SATISFACTION. GENERAL CONTRACTOR'S REPRESENTATIVE MUST APPROVE STAKED ITEMS PRIOR TO CONSTRUCTION.
- CONTRACTOR TO COORDINATE ALL WORK WITH OTHER UTILITY INSTALLATIONS NOT COVERED IN THESE PLANS (ELECTRIC, TELEPHONE, GAS, CABLE, ETC.) AND ALLOW FOR THEIR OPERATIONS AND CONSTRUCTION TO BE PRESERVED.
- CONTRACTOR SHALL SEPARATE OR REPLACE IN-KIND ANY DAMAGE THAT OCCURS AS RESULT OF THE WORK, AT CONTRACTOR'S OWN EXPENSE.
- THE TERMS "CONTRACTOR", "THIS CONTRACTOR" AND "SITE CONTRACTOR" ARE DEFINED AS "SITE WORK CONTRACTOR".
- THE TERM "PRIME CONTRACTOR", "THIS CONTRACTOR" OR "GENERAL CONTRACTOR" SHALL BE DETERMINED BY THE OWNER.
- CONTRACTOR WILL PROTECT IN PLACE ALL SEWER MANHOLES AND WATER VALVES AND WILL RAISE AS SPECIFIED IN CONTRACT TO LEVEL OF NEW ELEVATION OF STREET.
- IN THE COURSE OF EROSION WATER CONTROL, THE CONTRACTOR SHALL PROTECT ALL FIELDS, OILS, BRUSH, OR OTHER HAZARDOUS MATERIALS.
- CONTRACTOR TO PROVIDE POSITIVE DRAINAGE ON STREET IMPROVEMENTS AND MAINTAIN EXISTING DRAINAGE SLOPES AND PATHS TO MATCH EXISTING GRADES.

**TRAFFIC CONTROL NOTES:**

CONTRACTOR WILL SUBMIT A TRAFFIC CONTROL PLAN TO THE PUBLIC WORKS DIRECTOR PRIOR TO START OF WORK.

- ALL TRAFFIC CONTROL SHALL COMPLY WITH CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CAMUTOD).
- ALL DELINEATORS WILL BE EQUIPPED WITH A REFLECTIVE BAND FOR NIGHTTIME VISIBILITY.
- FLASHING YELLOW BEACONS SHALL BE USED ON ALL C18 SIGNS AND ALL THE II BARRICADES SURROUNDING THE WORK AREA OVERNIGHT.
- ALL SIGNS SHALL BE REFLECTORIZED AND STANDARD SIZE.
- ALL DELINEATORS SHALL BE 28" PORTABLE, REFLECTORIZED, AND MAINTAINED ERECT IN POSITION AT ALL TIMES, AND SHALL BE REPAIRED OR CLEANED AS NECESSARY TO PRESERVE THEIR APPEARANCE AND CONTINUITY.
- THE CONTRACTOR SHALL MAINTAIN ON A 24-HOUR BASIS ALL SIGNS, DELINEATORS, BARRICADES, ETC., TO ENSURE PROPER FLOW AND SAFETY OF TRAFFIC.
- THE CONTRACTOR SHALL HAVE ALL SIGNS, DELINEATORS, BARRICADES, ETC., PROPERLY INSTALLED BEFORE COMMENCING CONSTRUCTION.
- ADDITIONAL TRAFFIC CONTROL SIGNS, DELINEATORS OR BARRICADES MAY BE REQUIRED IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT OF ANY ADDITIONAL DEVICES NECESSARY TO ASSURE SAFETY TO THE PUBLIC AT ALL TIMES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE FOR SAFE PEDESTRIAN ACCESS AT ALL TIMES, INCLUDING SPECIAL ATTENTION TO SCHOOL PEDESTRIAN TRAFFIC.
- THE CONTRACTOR SHALL ENSURE THE POSTING OF TEMPORARY NO PARKING TOW AWAY SIGNS DURING THE TIME AND DATE OF ANY SUCH RESTRICTION 72 HOURS PRIOR TO WORK.
- THE CONTRACTOR SHALL NOTIFY ALL EMERGENCY AGENCIES (POLICE, FIRE, COUNTY FIRE, SHERIFF, CHP).
- THE CITY OF WESTMORLAND RESERVES THE RIGHT TO MAKE ANY NECESSARY CHANGES TO THE TRAFFIC CONTROL DUE TO FIELD CONDITIONS AS WARRANTED, AND ALL CHANGES MUST BE APPROVED BY THE PUBLIC WORKS DIRECTOR PRIOR TO CHANGE. CONTRACTOR WILL USE FLAG PERSONNEL AS DEMED NECESSARY.

**CALL BEFORE UNDERGROUND SERVICE ALERT**

**CALL TOLL FREE 811**

**TWO WORKING DAYS BEFORE YOU DIG**

**CONSTRUCTION NOTES:**

- APPROVAL OF THESE PLANS BY THE PUBLIC WORKS DIRECTOR DOES NOT AUTHORIZE ANY WORK TO BE PERFORMED UNTIL NOTICE TO PROCEED HAS BEEN ISSUED.
- DEVIATION OR CHANGES FROM THESE SIGNED PLANS WILL NOT BE ALLOWED UNLESS THERE IS A CONSTRUCTION CHANGE APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL PROTECT IN PLACE WATER VALVES, SEWER MANHOLES AND COVERS, GAS VALVES, TV OR CABLE BOXES, MONUMENTS, ID POLES AND BOXES.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS REQUIRED TO PROTECT ADJACENT PROPERTIES AND EASEMENTS DURING CONSTRUCTION. ANYTHING DAMAGED OR DESTROYED SHALL BE REPLACED OR REPAIRED TO CONDITION EXISTING PRIOR TO WORK AT THE CONTRACTOR'S COSTS.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATION, REFER TO THE RECORDS OF SECTION 0215 OF THE CALIFORNIA GOVERNMENT CODE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. CONTACT DIG ALERT AT 811.

**SPECIAL NOTES:**

- THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTIONS TO THE CONTRACTOR BY THE PUBLIC WORKS DIRECTOR:
- THE PUBLIC WORKS DIRECTOR OR HIS REPRESENTATIVE(S) SHALL NOT BE RESPONSIBLE FOR THE CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTRACT DOCUMENTS, NOR SHALL THE ENGINEER BE REQUIRED TO SUPERVISE CONDUCT OF THE WORK OF THE CONSTRUCTION PROCEDURES AND SAFETY PROCEDURES FOLLOWED BY THE CONTRACTOR OR SUBCONTRACTORS OR THEIR RESPECTIVE EMPLOYEES, OR BY ANOTHER PERSON AT THE JOB SITE OTHER THAN THAT OF THE ENGINEER'S EMPLOYEES.
  - THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING UTILITIES OR STRUCTURES LOCATED AT THE WORK SITE. IT IS THE CONTRACTOR'S PRIOR RESPONSIBILITY TO CONTACT THE FOLLOWING OWNERS OF UTILITIES OR STRUCTURES PRIOR TO ANY EXCAVATION FOR VERIFICATION AND LOCATION OF UTILITIES AND NOTIFICATION OF COMMENCEMENT OF WORK.
    - 1. WATER/SEWER UTILITY: CITY OF WESTMORLAND (760) 344-3411
    - 2. IMPERIAL REGION DISTRICT (POWER) (760) 339-9280
    - 3. IMPERIAL REGION DISTRICT (WATERS) (800) 442-4133
    - 4. AT&T (800) 422-4133/(800) 227-2600
    - 5. THE GAS CO. (800) 422-4133/(800) 227-2600
    - 6. SPECTRUM (760) 335-4900
  - BEFORE EXCAVATING, VERIFY LOCATION OF UNDERGROUND UTILITIES. CONTACT ALERT 72 HOURS PRIOR TO THE START OF WORK.
  - THE CONTRACTOR SHALL TAKE DUE CARE OF THE CONSTRUCTION BY MAINTAINING TRAFFIC CONTROL AND DEVICES.
  - THE CONTRACTOR SHALL NOTIFY EACH HOME OWNER AND BUSINESS AFFECTED BY THE CONSTRUCTION OF THE PROJECT PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE CITY AND COUNTY RECORDS OF THE DATE AND TIME TO THE PUBLIC WORKS DIRECTOR AND POLICE DEPARTMENT.
  - THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE PATTERN, A WATER FLOW TEST SHALL BE PERFORMED ON NEWLY CONSTRUCTED CURB & GUTTER IN THE PRESENCE OF THE RESIDENT ENGINEER. COST FOR REMEDIAL ACTIVITIES, IF NECESSARY, SHALL BE COVERED BY THE CONTRACTOR.

**PROJECT DESCRIPTION:**

- PROJECT WORK TO BE ACCOMPLISHED CONSISTS OF: SAMCUTTING AND REMOVAL OF A PORTION OF EXISTING CONCRETE SIDEWALK AND REPLACE WITH NEW WITH NEW DRAIN GRATES AND CHANNELS, TRAFFIC CONTROL AND CLEANUP.

**STANDARD SPECIFICATIONS:**

- STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS 2018 FOR ASPHALT CONCRETE AND ROAD MATERIALS.
- GREEN BOOK.

**MUTCD:**

- ALL STRIPING AND SIGNS WILL CONFORM TO THE MUTCD 2009 EDITION WITH REVISION NUMBERS 1 AND 2 INCORPORATED, DATED MAY 2012.

**MONUMENT RESPONSIBILITY NOTE:**

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MONUMENT AND/OR BENCHMARKS WHICH WILL BE DISTURBED OR DESTROYED BY CONSTRUCTION. SUCH POINTS WILL BE SURVEYED BY 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 SURVEYOR'S ACT.

**APPROVED BY PUBLIC WORKS DIRECTOR**

CITY OF WESTMORLAND

BY: RAMIRO BARALUS

**ENGINEER OF RECORD**

PLANS PREPARED UNDER THE SUPERVISION OF

BY: JOSE J. AVILA

R.C.E. NO.: 66706



NO.	REVISION	DATE	BY

**ENGINEERING & SURVEYING, INC.**

Phone (760) 363-9652 344 WEST CROWN CT. STE 100

Fax (760) 363-9751 IMPERIAL, CA 92251

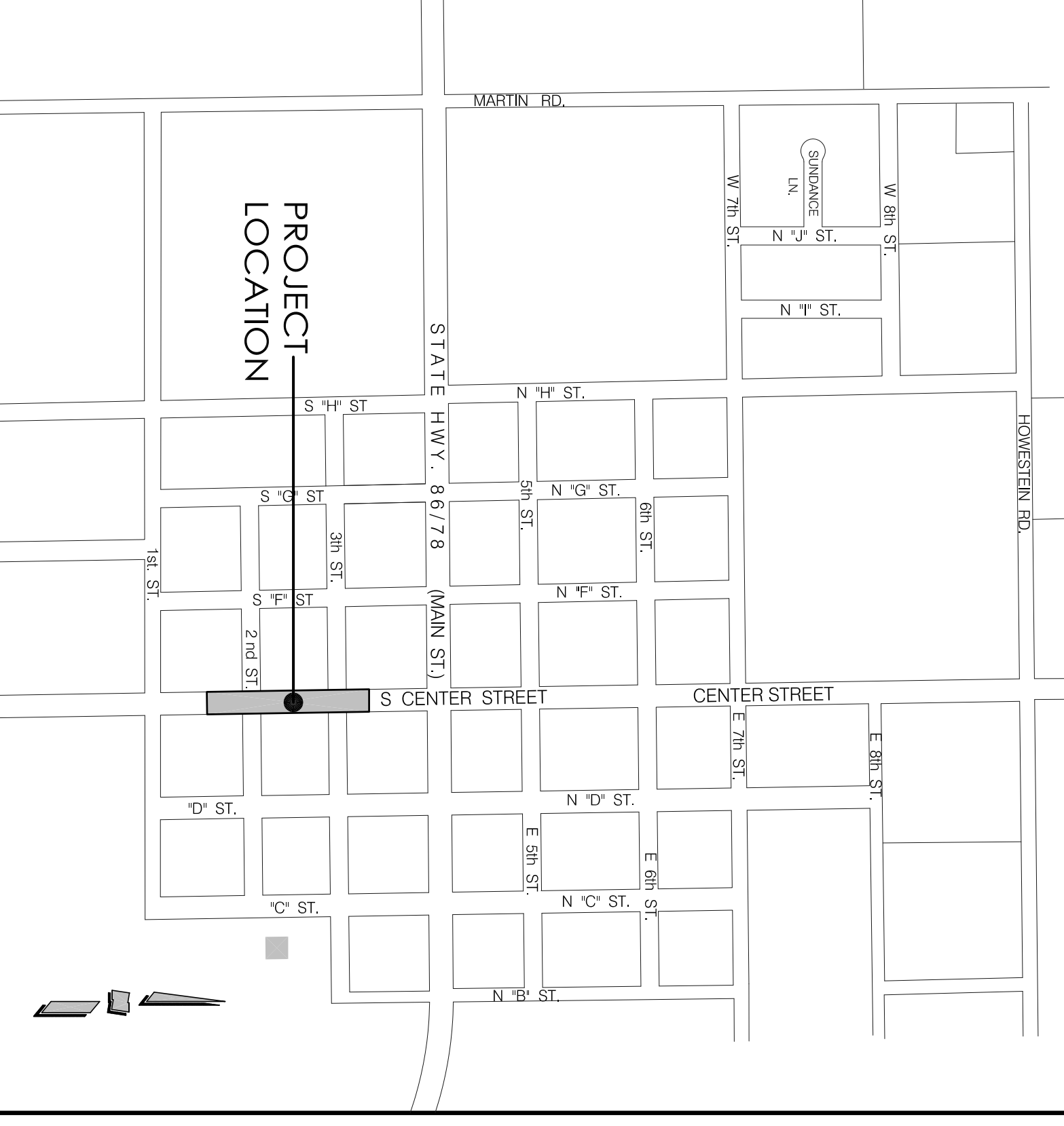
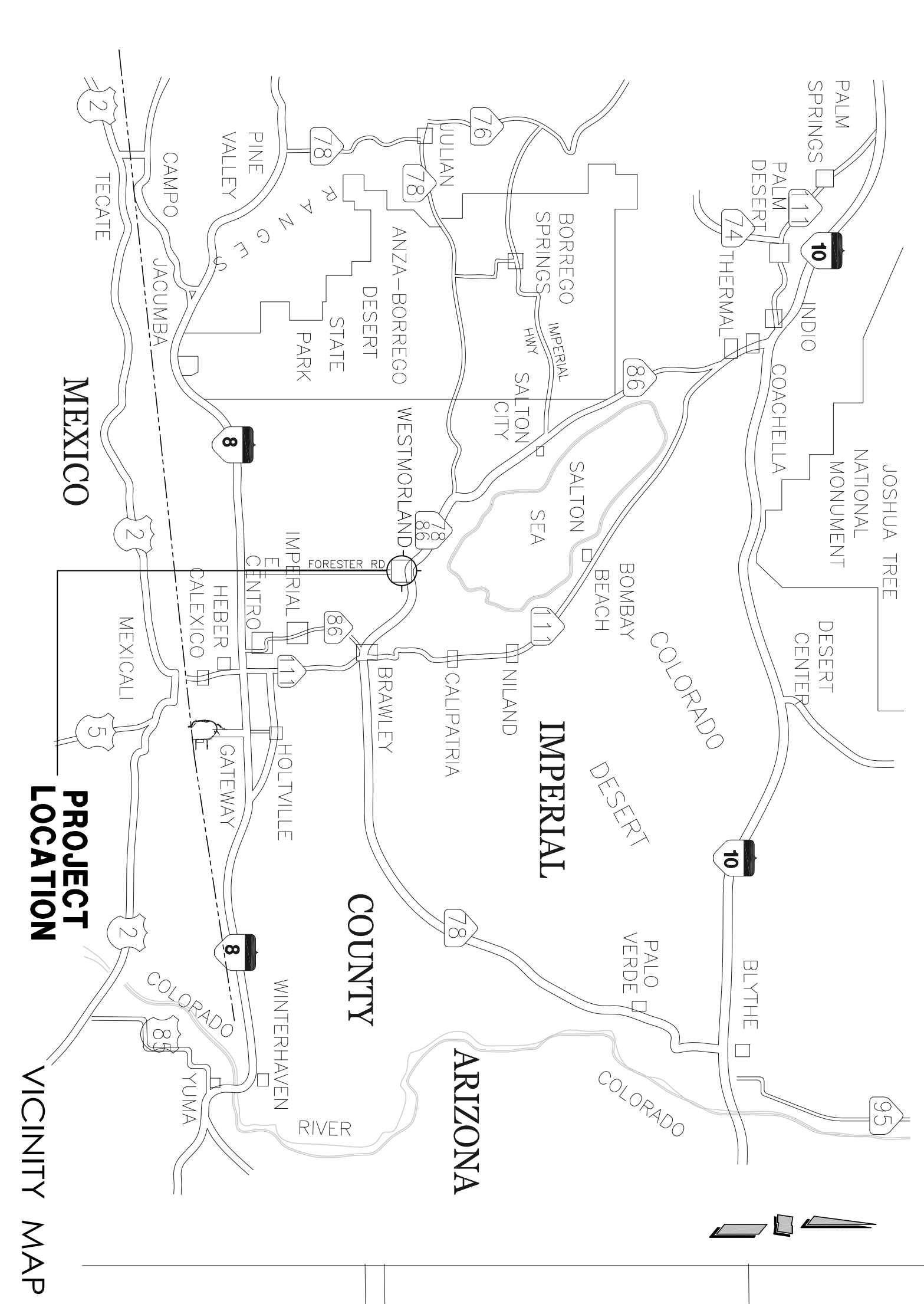
IN THE CITY OF WESTMORLAND, CA DATE: 05/12/2023

**TITLE SHEET**

OF: 3

BY: R.W.

CLIENT: CITY OF WESTMORLAND JOB NO.: 23-064



**PROJECT ADDRESS:**

CENTER STREET - FROM SECOND ST. TO THIRD ST. WESTMORLAND, CA 92281

**ZONING**

R-1 (RESIDENTIAL - SINGLE FAMILY)  
R-4 (RESIDENTIAL - MULTI FAMILY HIGH)

**TOPOGRAPHY:**

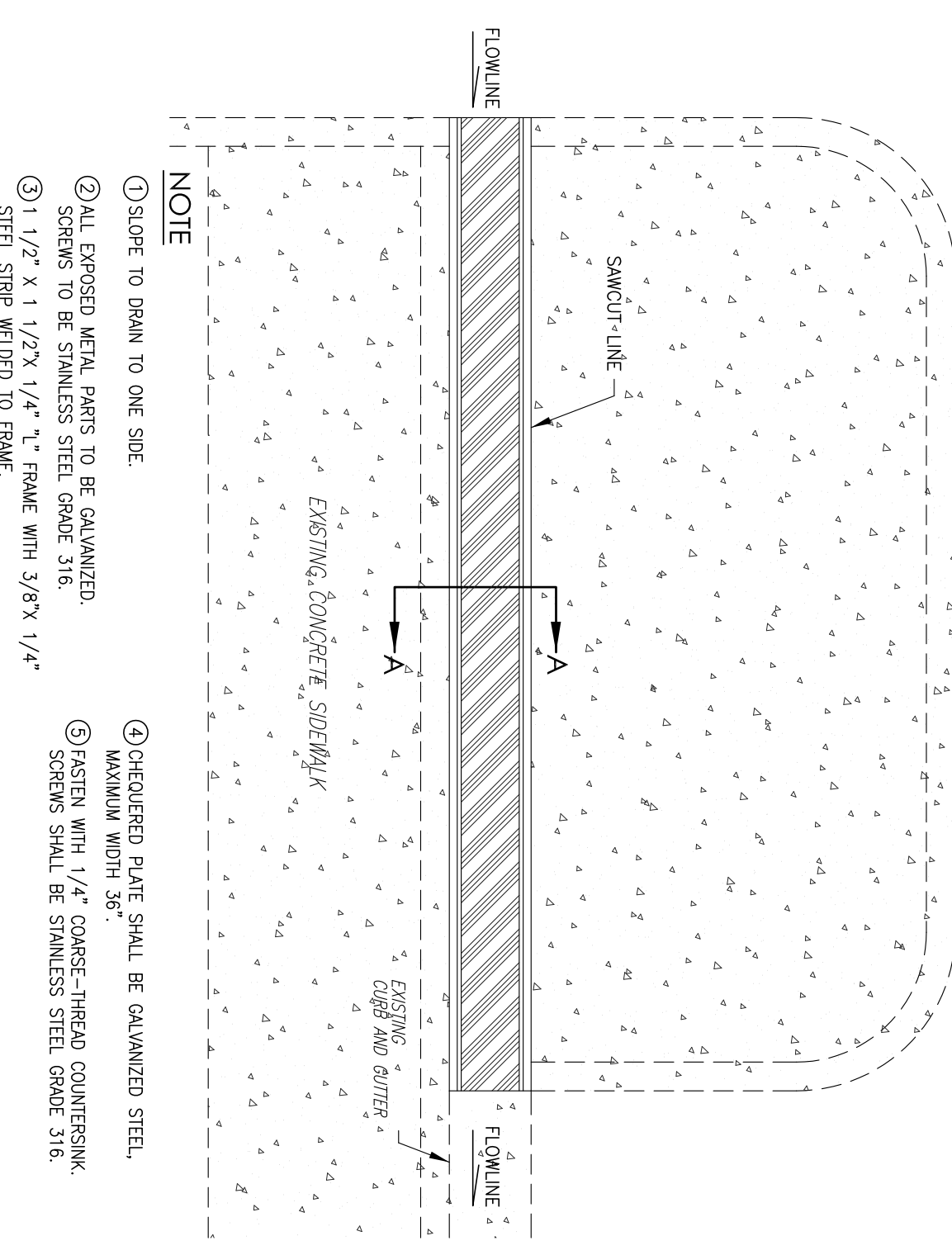
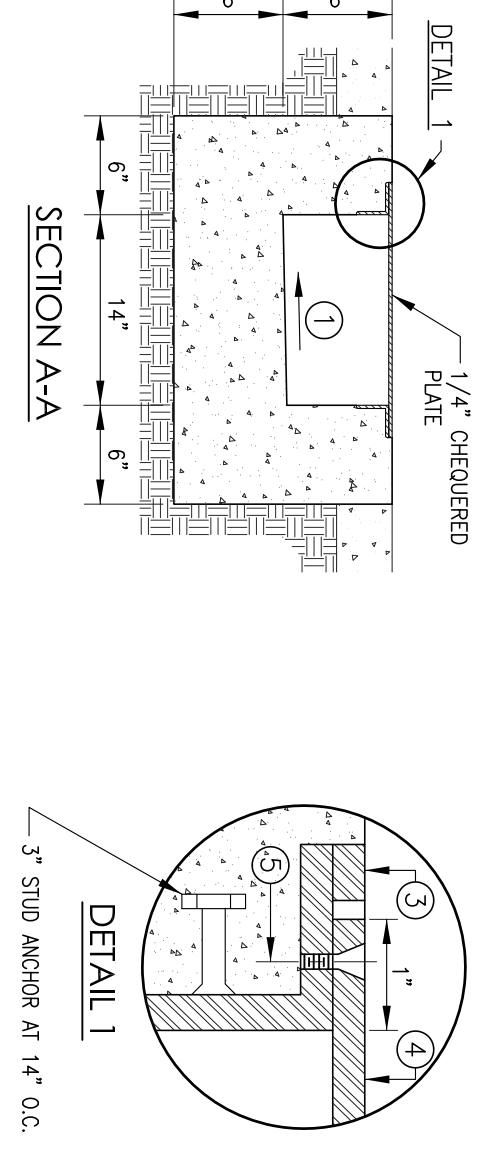
VICTOR RODRIGUEZ-FERNANDEZ  
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341 WEST CROWN COURT, SUITE 100  
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PH: (760) 363-3592

**ENGINEER:**

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**SHEET INDEX:**

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1	TITLE SHEET
2	GRATE AND CHANNEL DESIGN ON CENTER ST. AND SECOND ST.
3	GRATE AND CHANNEL DESIGN ON CENTER ST. AND THIRD ST.



**UNDER SIDEWALK DRAIN DETAIL**

NOT TO SCALE

**CONTRACTOR NOTES:**

- CONTRACTOR WILL PROVIDE A TRAFFIC CONTROL PLAN AT THE TIME PRIOR OF THE CONSTRUCTION BEGINNING.
- CONTRACTOR SHALL OBTAIN CONSTRUCTION STORMWATER PERMIT FROM THE STATE OF CALIFORNIA. USE NON-PORTABLE WATER FOR CONSTRUCTION PURPOSES ONLY.
- CONCRETE WATER WILL NOT BE ALLOWED.
- THE CONTRACTOR SHALL SUBMIT MATERIALS SUBMITTALS FOR REVIEW AND APPROVAL BY THE CITY OF WESTMORLAND PUBLIC WORKS DEPARTMENT - ENGINEERING DIVISION. THIS INCLUDES: ASPHALT BASE, CONCRETE, SAND, PIPES, BARRICADES, FITTINGS, LIGHTS, FIXTURES, ETC.

**DECLARATION OF RESPONSIBLE CHARGE**

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 AND 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 WESTMORLAND IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR THE PROJECT DESIGN.

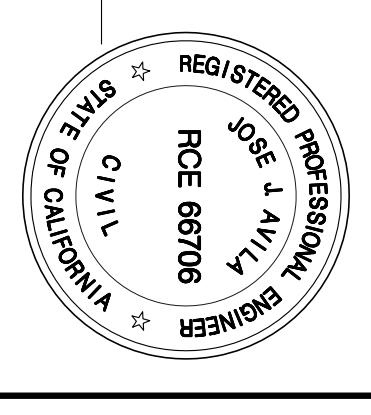
**FOR REVIEW ONLY**

THIS DRAWING HAS BEEN REVIEWED BY THE ENGINEER OF RECORD AND IS SUBJECT TO CHANGE.

BY: JOSE J. AVILA

R.C.E. 66706

DATE: \_\_\_\_\_



**CENTER STREET IMPROVEMENT PROJECT**

SHEET: 1

FROM SECOND ST. TO THIRD ST. - LPP5B1L-5 5278(021)