# **VICINITY MAP** NO SCALE *ESCONDIDO* RANCHO BERNARDO SOLANA\ BEACH **√52**\ EL CAJON LA MESA NATIONAL CITY , 805 (CORONADO CHULA VISTA SAN YSIDRO

### **MONUMENTATION NOTE**

MONUMENT PRESERVATION NOTE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MONUMENTATION AND/OR BENCHMARKS WHICH WILL BE DISTURBED OR DESTROYED DURING CONSTRUCTION. SUCH POINTS SHALL BE REFERENCED AND REPLACED WITH APPROPRIATE MONUMENTATION BY A LICENSED LAND SURVEYOR OR A REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING, A PRECONSTRUCTION AND POSTCONSTRUCTION CORNER RECORD OR A RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED BY THE LICENSED LAND SURVEYOR OR THE REGISTERED CIVIL ENGINEER AS REQUIRED BY THE LAND SURVEYORS ACT (BUSINESS AND PROFESSIONS CODE 8771).

#### **BASIS OF BEARING**

THE BASIS OF COORDINATES FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM CCS83 ZONE 6, EPOCH 1991.35 AND IS DETERMINED BY RTK G.P.S. MEASUREMENTS TAKEN ON AUGUST 28, 2008 ON GPS STA NO. 17 "533+54" AND GPS STA NO. 24 "381+27" PER RECORD OF SURVEY NO.

BEARING GPS STA NO. 17 TO NO. 24: N17° 33′40′W

#### **BENCH MARK**

SHEET INDEX

DATE:

THE BENCH MARK FOR THIS SURVEY IS THE 2-1/2"BRASS DISK IN CURB INLET. STAMPED "MTDB CONTROL 533+54 LS 6000" LOCATED AT THE SOUTHEAST CORNER OF PALOMAR STREET & INDUSTRIAL BLVD. BM-347 PER CITY OF CHULA VISTA VERTICAL CONTROL REPORT DATED 07/10/2006.

SIILL	I INDLX	
A/E NO	SHEET NO	DESCRIPTION
G1	01	TITLE SHEET
G2	02	KEY MAP
G3	03	NOTES
G4	04	NOTES
G5	05	DETAILS
C 1	06	GRADING PLAN
C2	07	PLAN AND PROFILE
С3	08	PLAN AND PROFILE
C4	09	PLAN AND PROFILE
EC1	10	EROSION CONTROL PLAN

# SITE H-23 PHASE 2 GRADING CHULA VISTA, CALIFORNIA

#### **GENERAL NOTES**

- THE CONTRACTOR SHALL VERIFY THE SITE BEFORE COMMENCING WORK. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES FOUND PRIOR TO THE START OF CONSTRUCTION.
- LOCATION OF EXISTING UTILITIES SHOWN ON THESE DRAWINGS WERE OBTAINED FROM AVAILABLE DISTRICT RECORDS. THE CONTRACTOR IS ADVISED THAT THERE MAY EXIST UNDERGROUND UTILITIES NOT SHOWN ON THESE DRAWINGS, CONTRACTOR SHALL NOTIFY ENGINEER AND EXERCISE PRECAUTION TO PROTECT THESE UTILITIES INCLUDING UTILITIES WITHIN SDG&E EASEMENT. IN
- CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING UTILITIES. CONTACT THE FOLLOWING AGENCIES AT LEAST TWO (2) WORKING DAYS PRIOR TO START WORK,
- UNDERGROUND SERVICE ALERT: 1-800-422-4133 PORT DISTRICTS: (619) 686-63221
- CONTRACTOR MATERIAL EQUIPMENT LAYDOWN SHALL BE SHOWN ON THE PROJECT SWPPP. CONTRACTOR IS RESPONSIBLE FOR THE SECURITY OF THEIR MATERIALS AND EQUIPMENT LAYDOWN AREA.
- CONTRACTOR SHALL INSTALL AND MAINTAIN TRAFFIC CONTROL PLAN DURING CONSTRUCTION AND REMOVE AFTER CONSTRUCTION. TRAFFIC CONTROL PLAN SHALL BE PREPARED AND STAMPED BY A PROFESSIONAL ENGINEER, LICENSED IN CALIFORNIA.

#### **EARTHWORK**

EARTHWORK QUANTITIES AS CALCULATED FROM PROPOSED FINISH GRADE (AS SHOWN IN GRADING PLAN) TO EXISTING GRADE. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EARTHWORK QUANTITIES. 42,000 CY FILL:

160,000 CY 118,000 CY CALCULATED IMPORT: H-3 AVAILABLE SOIL FOR IMPORT:

NET IMPORT: 105,000 CY

SITE ACREAGE: 29.0 AC

#### **DECLARATION OF RESPONSIBLE CHARGE**

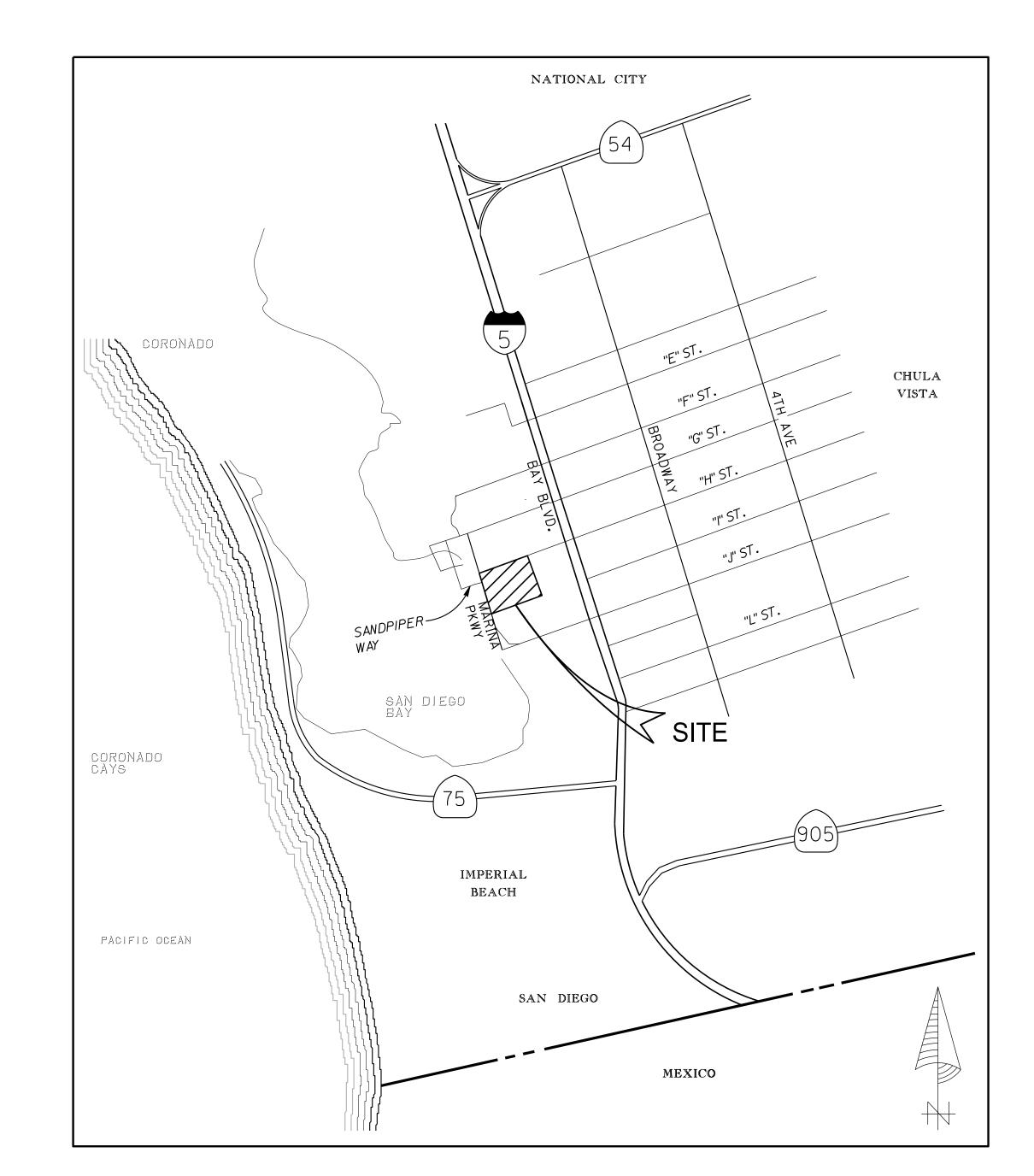
I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS. I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE SAN DIEGO UNIFIED PORT DISTRICT DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

FIRM: RICK ENGINEERING COMPANY ADDRESS: 5620 FRIARS ROAD CITY, STATE: SAN DIEGO, CA 92110

TELEPHONE: (619) 291-0707

DATE: 10/21/2020 R.C.E. NO.: 52295

REGISTRATION EXPIRATION DATE: 12/31/2020



#### **WORK TO BE DONE**

THE WORK TO BE DONE INCLUDES PROVIDING IMPORT AND GRADING. WORK SHALL INCLUDE PROVIDING IMPORT MATERIAL, TRANSPORTING THE AVAILABLE IMPORT FROM THE H-3 SITE, COMPACTION AND GRADING, ADJUSTMENT OF EXISTING MONITORING WELLS, AND STORM DRAIN IMPROVEMENTS AND OTHER INCIDENTAL ITEMS OF WORK AS SHOWN ON THE DRAWINGS AND AS SPECIFIED IN THE SPECIFICATIONS.

BEST MANAGEMENT PRACTICE

#### **ABBREVIATIONS**

CFS CUBIC FEET PER SECOND CFT CUBIC FEET C.O. CLEANOUT CONSTRUCT

CONST CMP CORRUGATED METAL PIPE EASTING

ELEVATION EXISTING FINISH GRADE FLOW LINE INVERT ELEVATION

LINEAR FOOT MAXIMUM MIN MINIMUM NORTHING NO. NUMBER

ON CENTER POUNDS PER SQUARE INCH R/W RIGHT OF WAY

RCP REINFORCED CONCRETE PIPE RWQCB REGIONAL WATER QUALITY CONTROL BOARD

RCP REINFORCED CONCRETE PIPE SCA SEDIMENT COLLECTION AREA

SOUTHEAST STORM DRAIN

SDG&E SAN DIEGO GAS AND ELECTRIC SHT

**SWPPP** STORMWATER POLLUTION PREVENTION PLAN

TYP TYPICAL UNK UNKNOWN WITH

## **LEGEND**

PROPOSED FILL SLOPE 12 PROPOSED CONTOUR FG 350.2 PROPOSED SPOT ELEVATION PROPOSED DAYLIGHT LINE PROPOSED STORM DRAIN \_\_\_\_ PROPOSED STORM DRAIN STRUCTURES  $\circ$ PROPOSED RIPRAP PROPOSED BLADED SWALE

—SD — 0 \_\_\_\_OHE\_\_\_\_

EXISTING SIDEWALK EXISTING STORM DRAIN PIPE EXISTING CURB INLET EXISTING OVERHEAD ELECT EXISTING ELECT EXISTING FINISH CONTOUR

EXISTING CURB AND GUTTER

EXISTING MANHOLE EXISTING MONITORING WELL EXISTING MONUMENT EXISTING GAS EXISTING WATER GATE VALVE

EXISTING MANHOLE ₽B EXISTING PULLBOX \_X---X---X---

EXISTING FENCE EXISTING SIGN EXISTING STREET LIGHT EXISTING CATCH BASIN EXISTING UTILITY VAULT

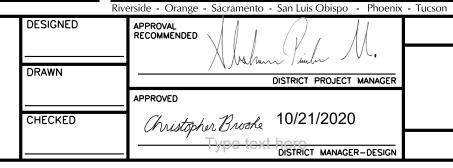
U·V EXISTING EDGE OF PAVEMENT WM EXISTING WATER METER EXISTING CAPPED DROP INLET

<u>NOTE:</u> THIS DRAWING MAY BE A RECORD DRAWING EDUCED SCALE PRINT OF THI REVIEWED BY: ORIGINAL DRAWING. UTILIZE GRAPHIC SCALES TO VERIFY IF DRAWING IS A REDUCTION, AND CONSTRUCTION STARTED ENGINEER OF RECORD ADJUST SCALES ACCORDINGLY CONSTRUCTION COMPLETED TO THE GRAPHIC SCALES

SHOWN.

2020-04 WBS NO. P0040-8 INSPECTOR





SAN DIEGO, CA 92110

(FAX) 619-291-4165

619-291-0707

Engineering Compan

J-15939Q

10/21/2020 A/E NO. G1 SITE H-23 PHASE 2 GRADING SHEET 01 OF 10 CV-2020-01 TITLE SHEET