

BASIS OF BEARINGS

ALL DISTANCES, BEARINGS, AND COORDINATES ARE BASED ON ZONE 4 OF THE CALIFORNIA COORDINATE SYSTEM (CCS), NAD83 (2011), EPOCH 2017.50. THE HORIZONTAL ADJUSTMENT WAS PERFORMED BY UTILIZING 3 CONTINUOUS GLOBAL POSITIONING SYSTEM (CGPS) STATIONS. THE PUBLISHED VALUES FOR THE CGPS STATIONS WERE PROVIDED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC). THE MEASURED DISTANCES FOR THE PROJECT ARE GROUND DISTANCES. GROUND DISTANCES WERE OBTAINED BY DIVIDING THE GRID DISTANCES USING THE COMBINED FACTOR OF 0.9999452814 CALCULATED AT CONTROL POINT 84.

ELEVATIONS ARE BASED ON THE PUBLISHED BENCHMARK PROVIDED BY NATIONAL GEODETIC SURVEY (NGS) ON THE NAVD83 VERTICAL DATUM. PD G02073, DESIGNATION U 703 RESET, ELEV. = 96.27' (CONTROL POINT #703), DESCRIPTION: VERTICAL CONTROL DISK, 1 MI E FROM CARMEL LOCATED ALONG CARMEL VALLEY ROAD, 1.05 MILES EAST OF JUNCTION OF CARMEL VALLEY ROAD AND STATE HIGHWAY NO. 1, 59 FEET SOUTH OF CENTERLINE OF ROAD, 2.5 FEET NORTH OF THE RIGHT-OF-WAY FENCE, ON THE SUMMIT OF NOSE OF A SMALL HILL. NORTH OF THE CLUB HOUSE OF THE RANCHO CANADA COUNTRY CLUB, SET IN THE TOP OF A CONCRETE POST.

LOCAL HORIZONTAL AND VERTICAL CONTROL MONUMENTS (US SURVEY FEET)

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	2098457.2900	5701850.1200	89.88	CP 3/4" IP+FP
2	2098303.1500	5701625.2000	67.81	CP MAG-SHNR
3	2097332.0800	5701570.2500	44.31	CP SCRIBE X CURB RET
4	2095876.4600	5701591.1900	37.39	CP 1/2" IP+FP
5	2094905.9900	5701294.7900	27.30	CP 1/2" IP+FP
6	2094404.3000	5700222.1600	21.43	CP MAG-SHNR
7	2094322.0300	5700140.7800	24.66	CP MAG-SHNR
10	2097719.5400	5701620.4000	54.84	CP MAG-SHNR
11	2097499.5800	5701616.5000	48.56	CP MAG-SHNR
12	2096920.4300	5701551.1800	36.56	CP 60D NL
13	2096723.0200	5701588.6600	37.77	CP MAG-SHNR
14	2096402.3100	5701565.3200	37.68	CP MAG-SHNR ON MB PATH
15	2096073.1800	5701638.2700	41.71	CP MAG-SHNR
16	2095942.9300	5701589.2300	36.46	CP MAG-SHNR
17	2095918.6800	5701662.2400	43.53	CP MAG-SHNR
18	2095445.9600	5701491.9500	33.42	CP MAG-SHNR ON PATH
19	2095136.4200	5701512.6900	34.11	CP MAG-SHNR
20	2094788.8200	5701372.2600	30.73	CP MAG-SHNR
21	2094740.1500	5701210.6000	26.67	CP MAG-SHNR
22	2094540.4900	5700973.3800	29.71	CP MAG-SHNR
23	2094515.3400	5700666.7000	25.75	CP MAG-SHNR
302	2094577.9000	5700980.8900	28.81	PD MON BC BM
320	2098341.6600	5701627.8200	68.13	PD MON 1" BC BM
703	2093220.3600	5713225.5000	96.27	PD MON BM 3" BC NGS

8TH AND SCENIC PUMP STATION REHABILITATION

1. BYPASS 8TH AND SCENIC PUMP STATION AS NEEDED DURING REHABILITATION TO MANHOLE P802.
2. APPLY POLYETHANE ULTRA-HIGH BUILD LINER TO INTERIOR SURFACES OF LIFT STATION WETWELL PER SPECIFICATIONS. EXISTING WETWELL IS CIRCULAR, WITH AN INTERNAL DIAMETER OF 6 FEET AND A HEIGHT OF 11.57 FEET.

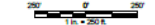
SHEET LAYOUT AND SITE ACCESS PLAN LEGEND



	PARCEL BOUNDARY
	EXISTING CAWD SEWER LINE
	SEWER MAIN/ FORCE MAIN REPLACEMENT
	CONSTRUCTION STAGING AREA



SHEET LAYOUT PLAN



**** 60% DESIGN - NOT FOR CONSTRUCTION ****

REV	DATE	BY	DESCRIPTION



DESIGNED: NSP	DATE: _____
DRAWN: MMB	DATE: _____
CHECKED: NSP	DATE: _____

SCALE: AS SHOWN



SCENIC ROAD SEWER MAIN REHABILITATION PROJECT CARMEL AREA WASTEWATER DISTRICT	PROJECT NUMBER CAWD.200760
BASIS OF BEARINGS AND SHEET LAYOUT PLAN	DRAWING NUMBER G-03
	SHEET NUMBER 3 OF 15