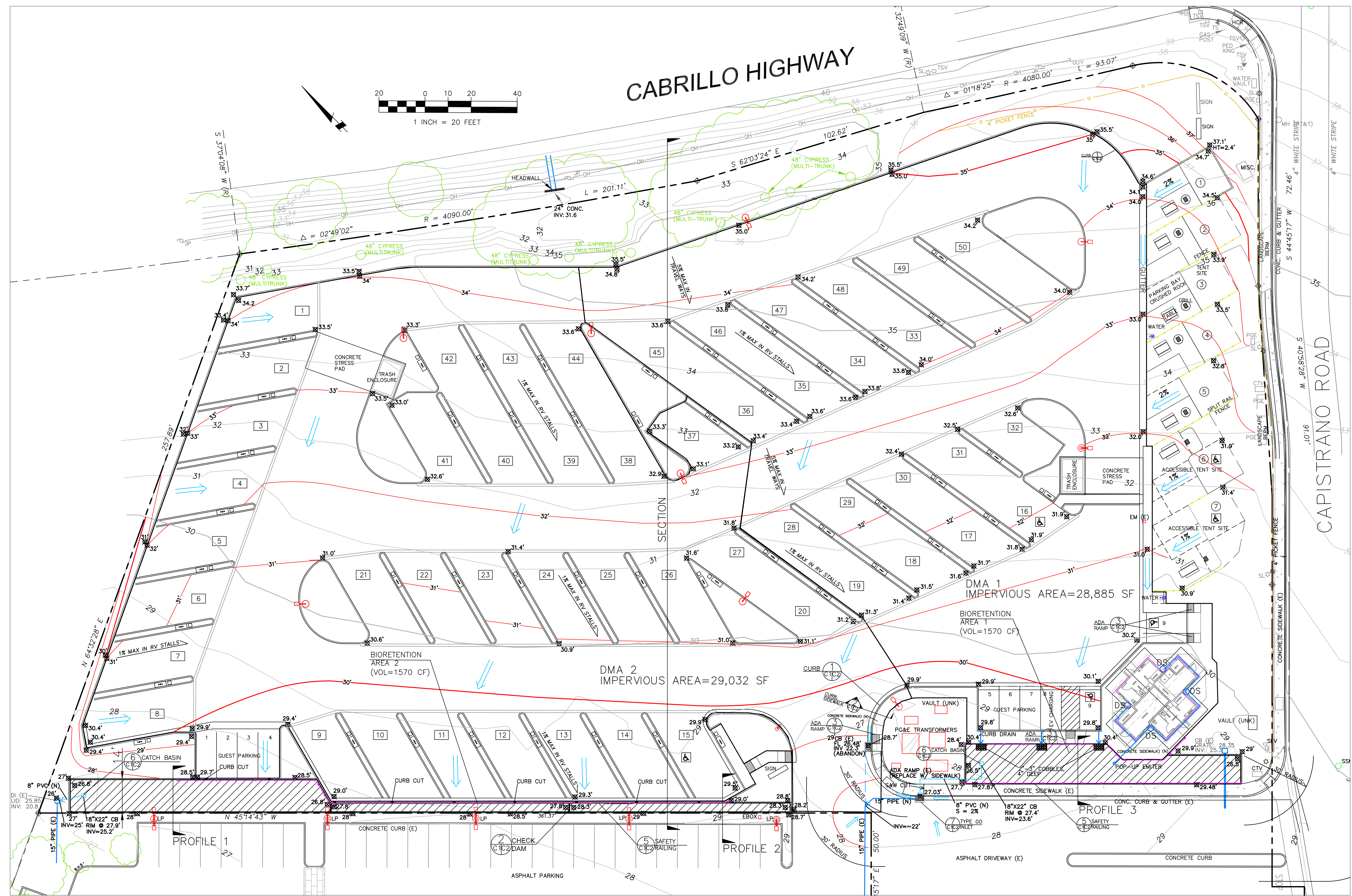
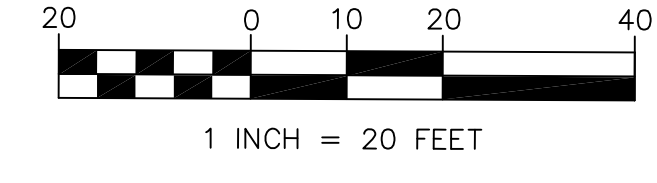
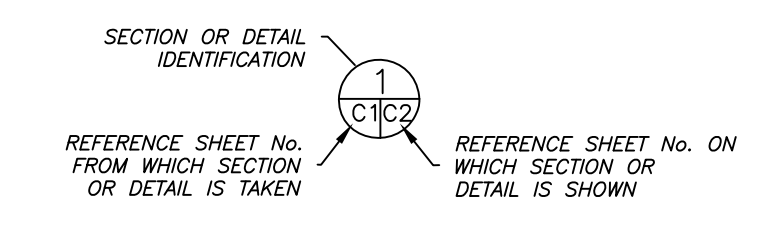


# CABRILLO HIGHWAY



### SECTION AND DETAIL CONVENTION



### GENERAL NOTES

- PLANS PREPARED AT THE REQUEST OF: RON STEFANICK, MANAGER TO PILLAR POINT PROJECT DEVELOPERS, LLC.
- TOPOGRAPHY BY BGT SURVEYING, OCTOBER 7, 2014.
- ELEVATION DATUM: NGVD 29.
- THIS IS NOT A BOUNDARY SURVEY.

### PROJECT DESIGN DATA

|                                 |                              |
|---------------------------------|------------------------------|
| LOT AREA:                       | 148,202 SF (3.38 ACRES)      |
| EXISTING IMPERVIOUS AREA:       | 16,270 SF (0.37 ACRES)       |
| PROPOSED IMPERVIOUS AREA:       | 51,237 SF (1.17 ACRES)       |
| NET CHANGE:                     | 34,967 SF ADDED (0.80 ACRES) |
| TOTAL % OF IMPERVIOUS COVERAGE: | 35%                          |

### LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- SPOT ELEVATION (N)
- DOWNSPOUT
- DIRECTION OF SURFACE DRAINAGE FLOW
- SDR 35 PVC DRAIN PIPE, 8" DIAMETER UNLESS OTHERWISE NOTED
- (E) EXISTING
- (N) NEW, OR PROPOSED

### DRAINAGE NOTES

- DRAINAGE INTENT: IT IS THE INTENT OF THESE DRAWINGS TO PROVIDE POSITIVE DRAINAGE IN ALL PAVED AND LANDSCAPED AREAS. THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE FOR ALL AREAS.
- DRAINAGE FROM PARKING LOT TO OCCUR AS SHEET FLOW, DIRECTED TO BIORETENTION BASINS, AS SHOWN.
- RAINWATER RUNOFF FROM PROPOSED ROOF TO BE COLLECTED WITH GUTTERS & DOWNSPOUTS & CONNECTED TO SOLID 4" PVC PIPE DIRECTED TO THE ADJACENT BIORETENTION AREA, VIA A POP-UP EMITTER.
- OVERFLOW FROM BIORETENTION AREAS TO BE DIRECTED TO EXISTING STORM DRAIN SYSTEM VIA 8-INCH DIAMETER PIPES, AS SHOWN.
- PERFORATED PIPES WITHIN BIORETENTION AREAS DO NOT CONNECT TO ANYTHING. THEIR PURPOSE IS TO DISTRIBUTE SEEPAGE THROUGH THE GRAVEL LAYER EFFICIENTLY.

### GRADING NOTES

- CUT VOLUME, DUE TO AVERAGE 6-INCH STRIPPING DEPTH: 121,800 SF OF AREA TO BE STRIPPED X 0.5 FEET = 2262 CY
- ADDITIONAL CUT VOLUME, TO REACH PAVING SUBGRADE = 1500 CY
- NET CUT = 3752 CY X 1.2 = 4500 CY OFF-HAUL
- FILL VOLUMES:
  - 100 CY SOIL
  - 1150 CY OF BASEROCK UNDER ASPHALT
  - 1800 CY OF DRAIN ROCK UNDER PAVERS
  - 225 CY OF BIORETENTION SOIL IN BIORETENTION AREAS
  - 151 CY DRAIN ROCK IN BIORETENTION AREAS
  - 500 CY SOIL IN PLANTER ISLANDS

**GRADING AND DRAINAGE PLAN**

100 CAPISTRANO ROAD  
HARBOR VILLAGE  
RV PARK  
APN: 047-081-430

DATE: 3-8-18  
DRAWN BY: CMK  
CHECKED BY: AZG  
REV. DATE:  
REV. DATE:  
REV. DATE:

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