

VICINITY MAP

Not to Scale

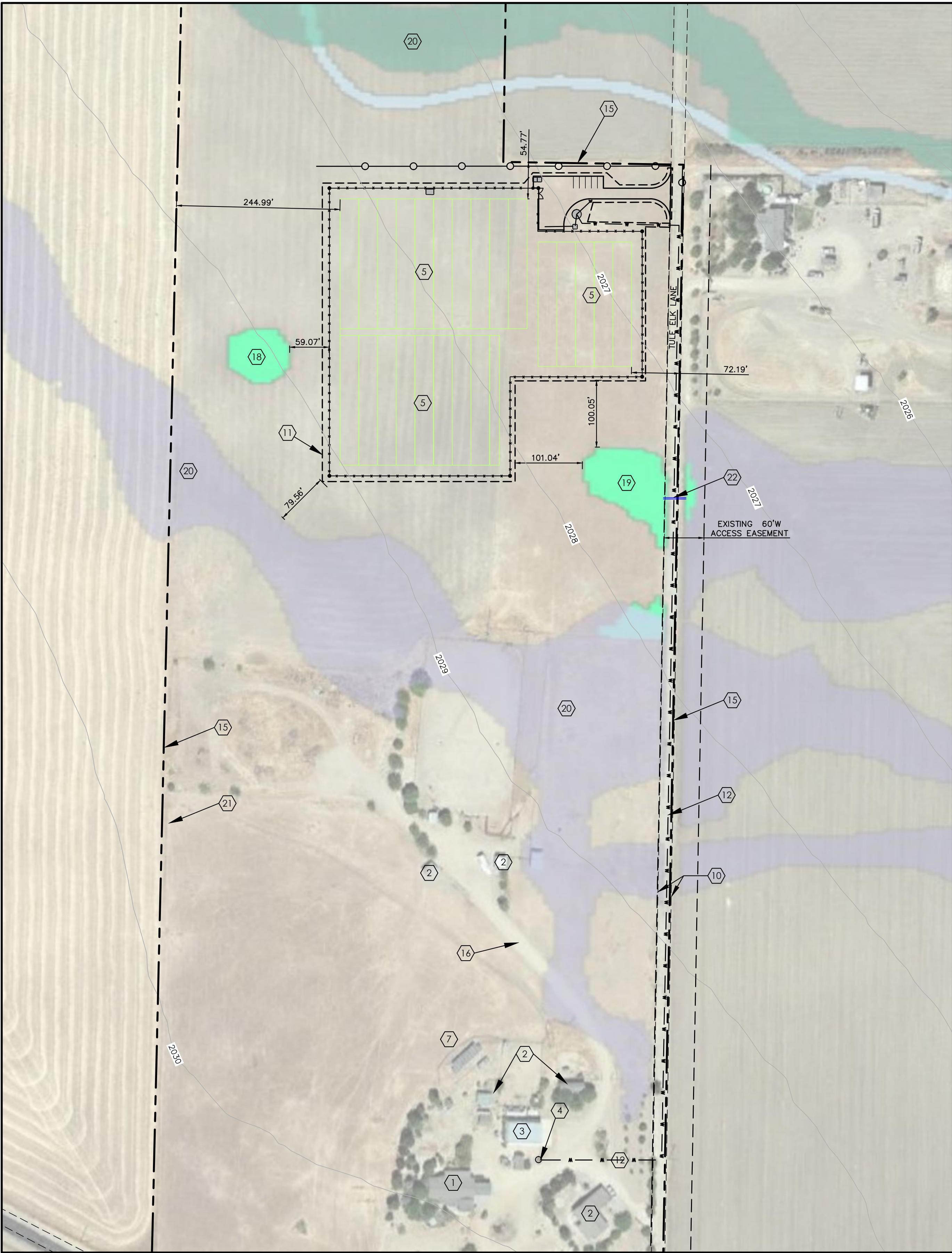
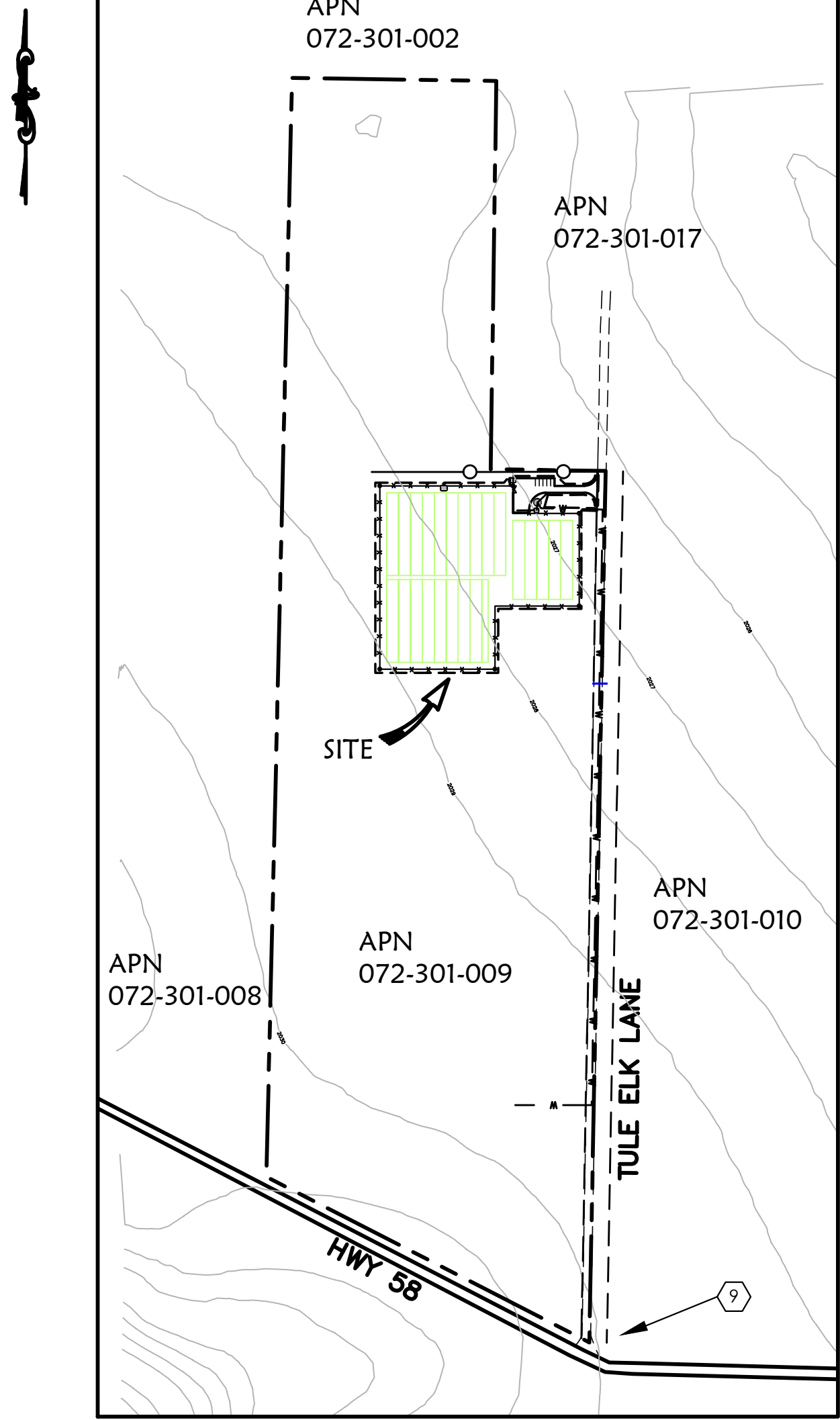


11520 Tule Elk Lane - Preliminary Grading, Drainage, & Erosion Control Plan

PROJECT DESCRIPTION: Outdoor Cannabis Cultivation Facility (3 acres)

SITE MAP

SCALE: 1" = 300'



SITE PLAN NOTES

- EXISTING RESIDENCE.
- EXISTING ACCESSORY STRUCTURES.
- EXISTING BARN.
- EXISTING WELL.
- NEW CULTIVATION SITE SEE SHEET 2
- EXISTING SOLAR PANELS
- CONSTRUCT COUNTY STD RURAL DRIVE APPROACH PER B1-e.
- EXISTING 16.0' WIDE PAVED ACCESS ROAD
- PROJECT LIMIT OF DISTURBANCE
- INSTALL 1850 LF NEW 2.5" SCH. 40 PVC WATER LINE WITH BACK FLOW PREVENTER, 18" MIN. DEPTH.
- PROPERTY LINE
- EXISTING ACCESS NOT TO BE USED FOR CANNABIS ACTIVITIES.
- NON WETLAND DEPRESSION
- DEPRESSIONAL WETLAND
- NON WETLAND SWALES
- EXISTING FENCE TO REMAIN.
- EXISTING CULVERT

OWNER

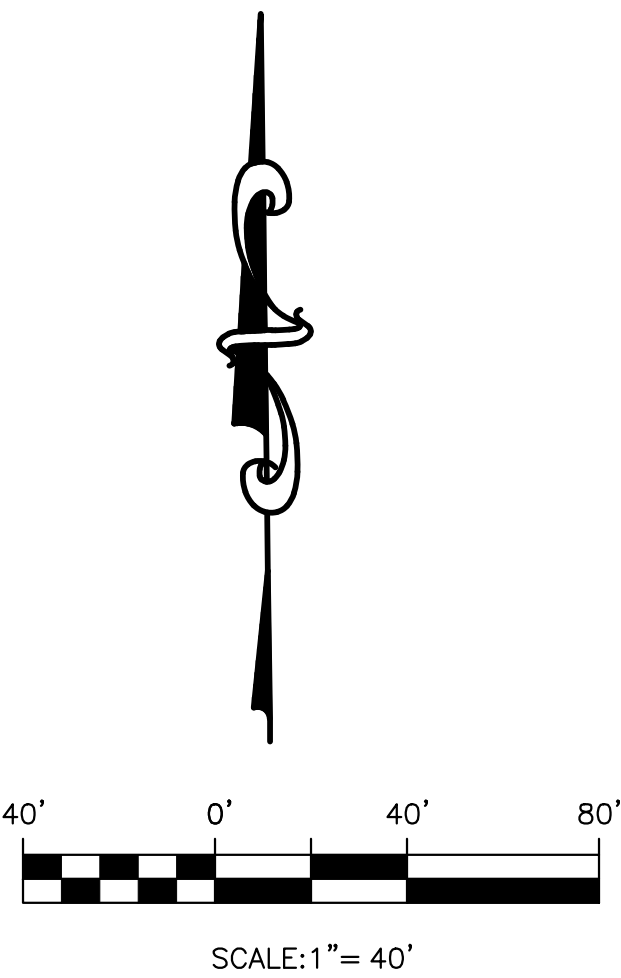
CLIFFORD KWID  
170 BLUE SKY DRIVE  
ARROYO GRANDE, CA 93420  
  
CAMILE XIONG  
3100 38TH AVENUE  
SACRAMENTO, CA 95824

GRADING AND SITE DISTURBANCE

AREA OF DISTURBANCE:  
TRENCHING FOR WATERLINE 1850 LF X 5FT WIDTH = 9,250 SF  
BASE ACCESS ROADS = 49,030 SF  
GROW AREA = 130,680 SF (3.0 AC)  
TOTAL: 188,960 SF (4.34 AC)  
  
TRENCHING FOR WATERLINE 1850 LF X 5FT WIDTH = 30 CY  
BASE ACCESS ROADS OVEREXCAVATION = 50 CY\*  
GROW AREA = 0 CY\*\*  
TOTAL: 80 CY

\*ALL GRADING TO BALANCE ON SITE

\*\* THE EXISTING GROUND SLOPES IN THE AREA ARE LESS THAN 1.0%. THEREFORE THERE IS NO GRADING REQUIRED FOR ROADS OR GROW SITES. THE DISTURBANCE INCLUDES CLEARING AND GRUBBING, INSTALLATION OF BASE MATERIAL AND TRENCHING FOR WATERLINES. THERE IS NO GRADING INSIDE THE GROW AREA.



09/21/2020

Kwid and Xiong 11520 Tule Elk Lane

Grading, Drainage, and Erosion Control Plan

Design/Drawn	County Plan Checker	Approved for County Requirements
RJM/RJM	.	Development Services Engineer Date
Job #	County W.O. No.	09/21/2020
2019-139	.	Robert J. Montoya, PE 6810 exp 06/30/20 Date
California Coordinates (CCS83, Zone 3)	County Road #	1
2327093 N 5943837 E	.	of 3

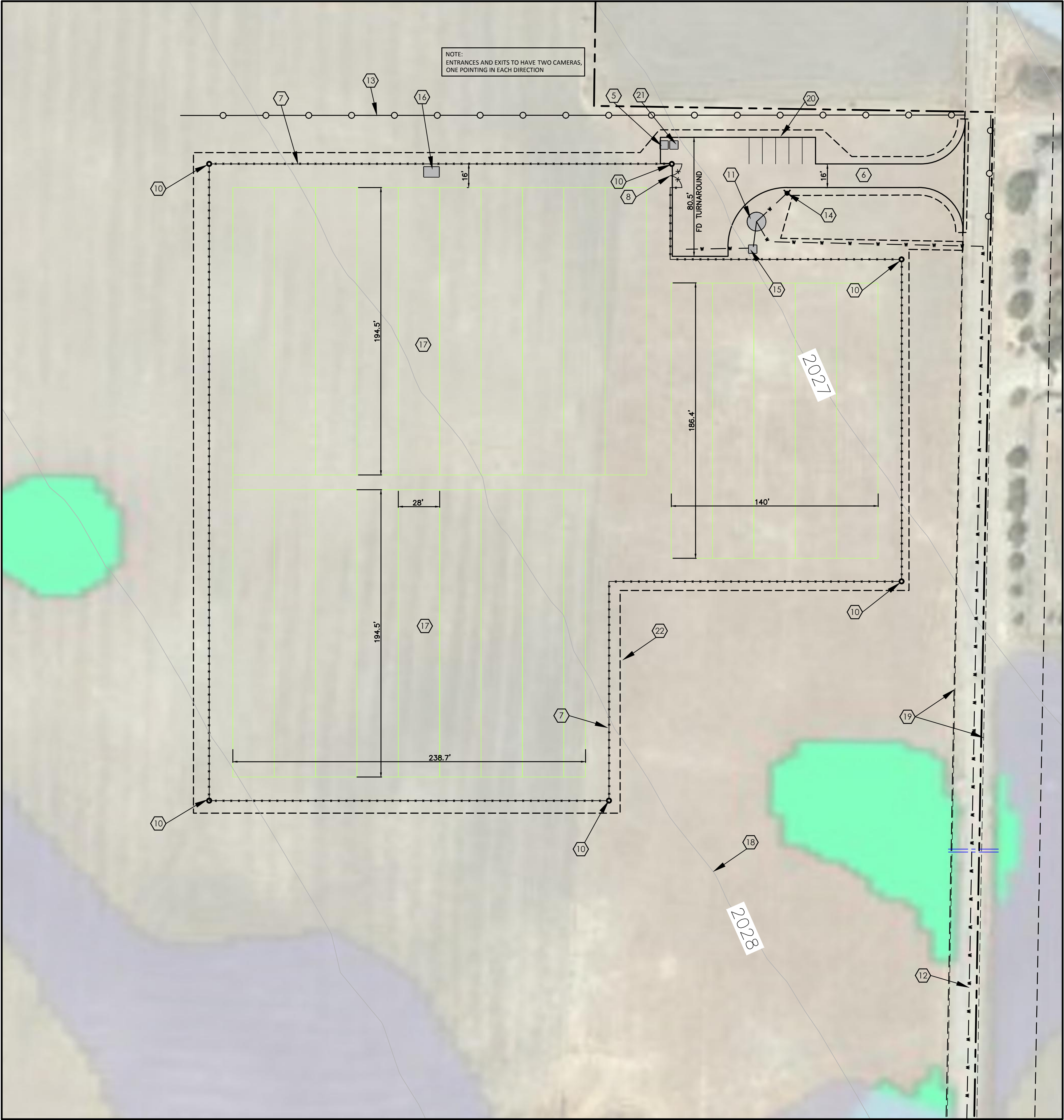
Record Drawings

Revisions This Sheet:

**CIVIL DESIGN**  
SOLUTIONS

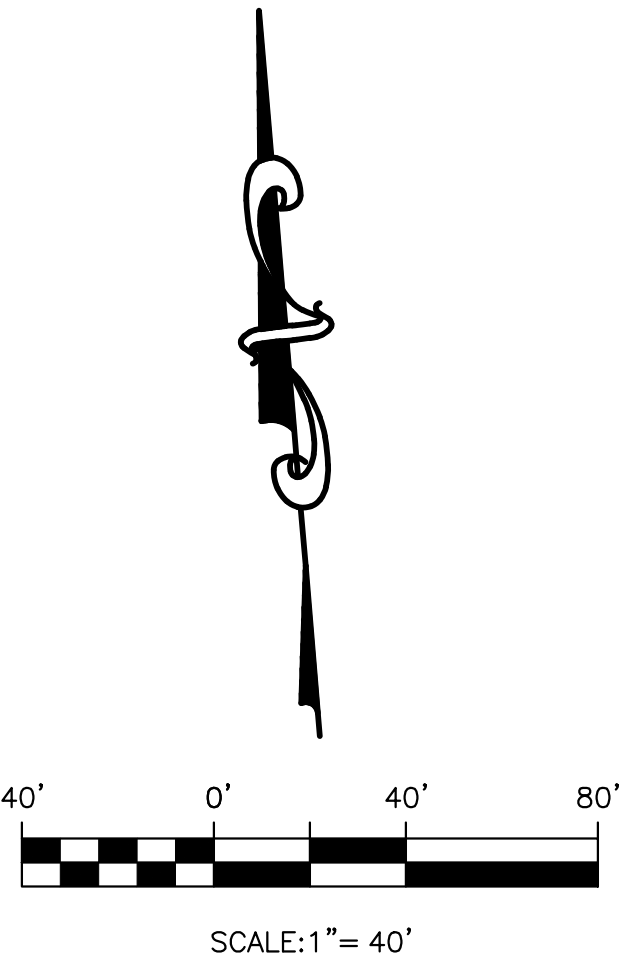
234 ATLANTIC CITY AVE GROVER BEACH, CA  
805 621 3050





CONSTRUCTION NOTES

- 5 SOLID WASTE STORAGE.
- 6 CONSTRUCT NEW AGGREGATE BASE ACCESS ROAD PER CAL FIRE STANDARDS, WIDTH PER PLAN.
- 7 CONSTRUCT 8' HIGH CHAIN LINK FENCE WITH PRIVACY SLATS.
- 8 CONSTRUCT 16' WIDE SWING GATE.
- 9 SEE SHEET 1 FOR WATER SOURCE LOCATION.
- 10 NEW REMOTE, PORTABLE, SOLAR POWERED SECURITY STATION WITH MOTION DETECTED LED LIGHTING, 15' HIGH CAMERA SYSTEM, WIRELESS DATA TRANSCIVERS, AND LOCKED DATA STORAGE DEVICES.
- 11 INSTALL NEW 5,000 GALLON WATER TANK
- 12 INSTALL NEW 2.5" SCH. 40 PVC WATER LINE WITH BACK FLOW PREVENTER, 18" MIN. DEPTH.
- 13 SILT FENCE PER DETAIL HEREON
- 14 INSTALL FIRE DEPARTMENT CONNECTION PER CAL FIRE REQUIREMENTS.
- 15 WATER PUMP WITH NUTRIENT INJECTION SYSTEM AND 2" SCH. 40 WATER LINE TO FEED CULTIVATION SITE IRRIGATION SYSTEM, 18" MIN. DEPTH.
- 16 ORGANIC WASTE STORAGE / COMPOST PILE.
- 17 ROW CROPS.
- 18 EXISTING GROUND CONTOUR
- 19 EXISTING 16' WIDE PAVED ACCESS ROAD
- 20 5 PARKING SPACES 9'X18'.
- 21 PORTABLE TOILET.
- 22 AREA OF DISTURBANCE, SEE SITE STATISTICS, SHEET 1.

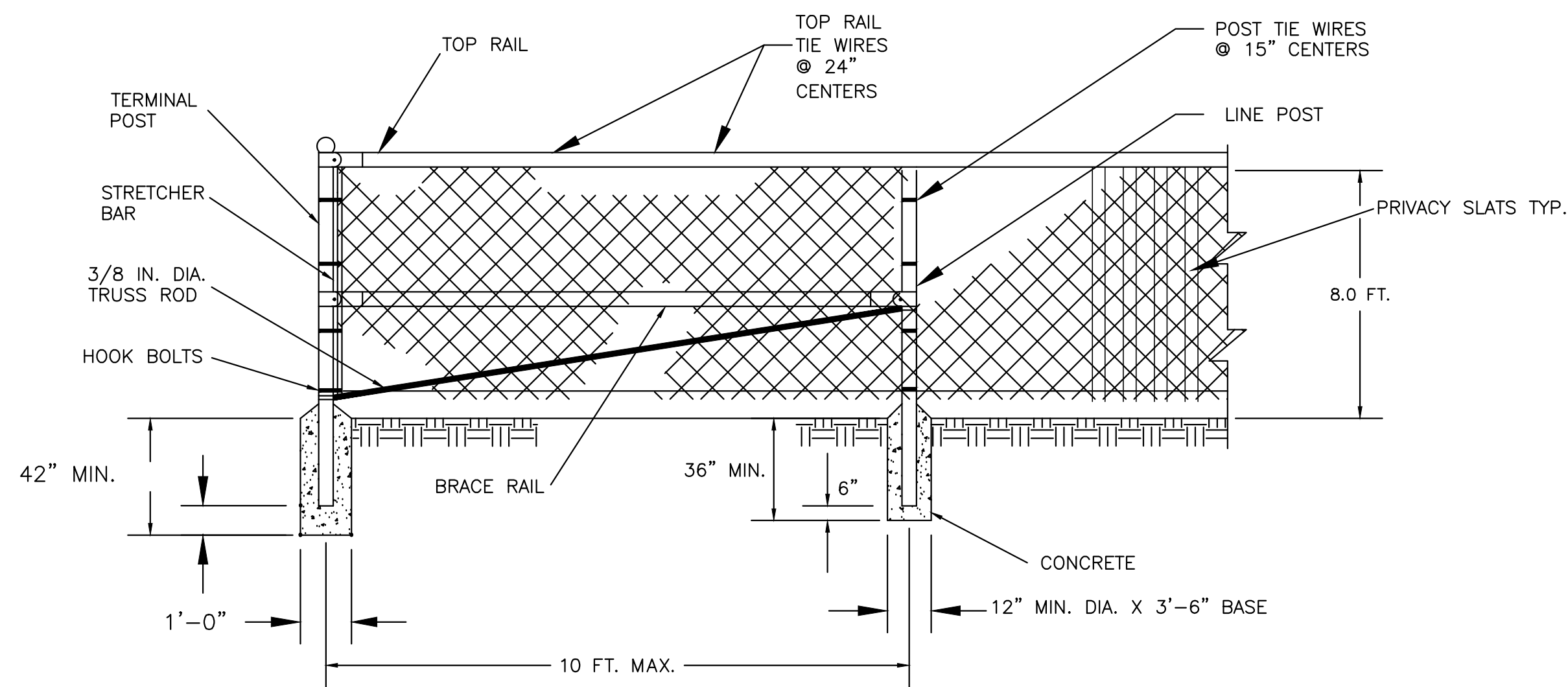


04/09/2020

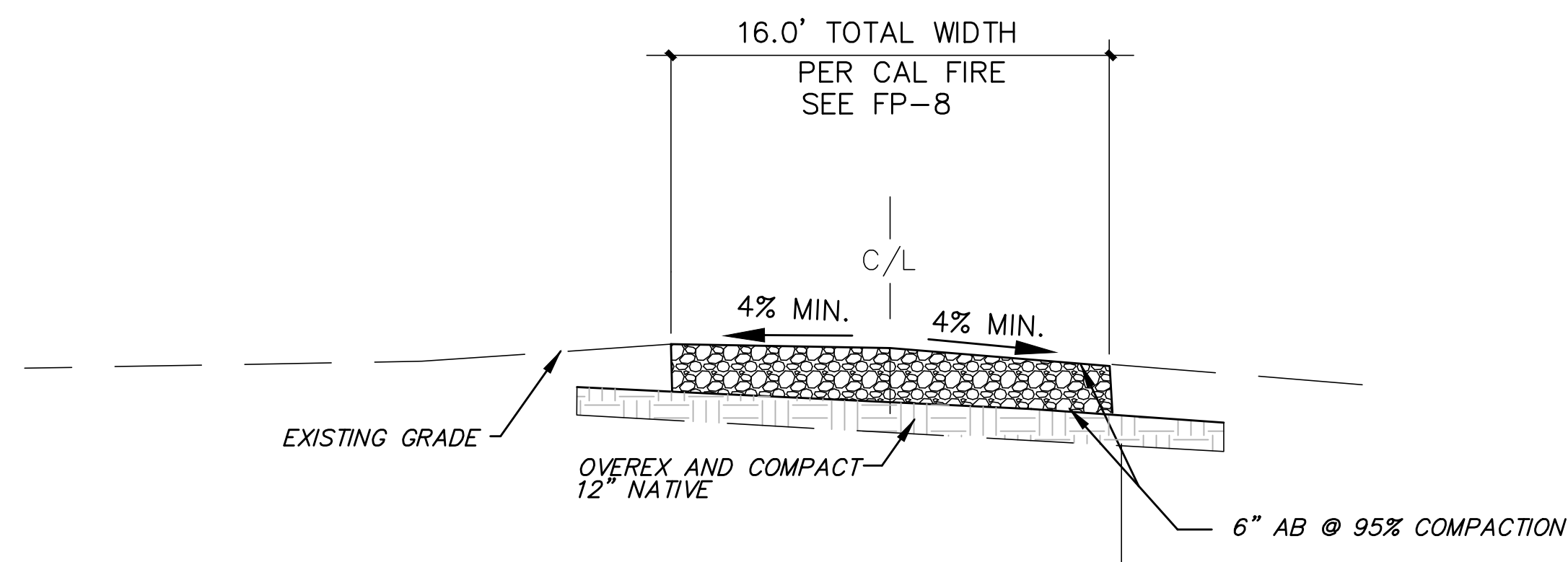
Kwid and Xiong 11520 Tule Elk Lane		
Grading, Drainage, and Erosion Control Plan		
Design/Drawn RJM/RJM	County Plan Checker .	Approved for County Requirements Development Services Engineer Date 12/4/19
Job # 2019-139	County W.O. No. .	Robert J. Montoya, PE 68101 exp 06/30/20 Date
California Coordinates (CCS83, Zone 5) 2327093 N 5943837 E	County Road # .	2 of 3

**CIVIL DESIGN**  
SOLUTIONS

234 ATLANTIC CITY AVE GROVER BEACH, CA  
805 621 3050

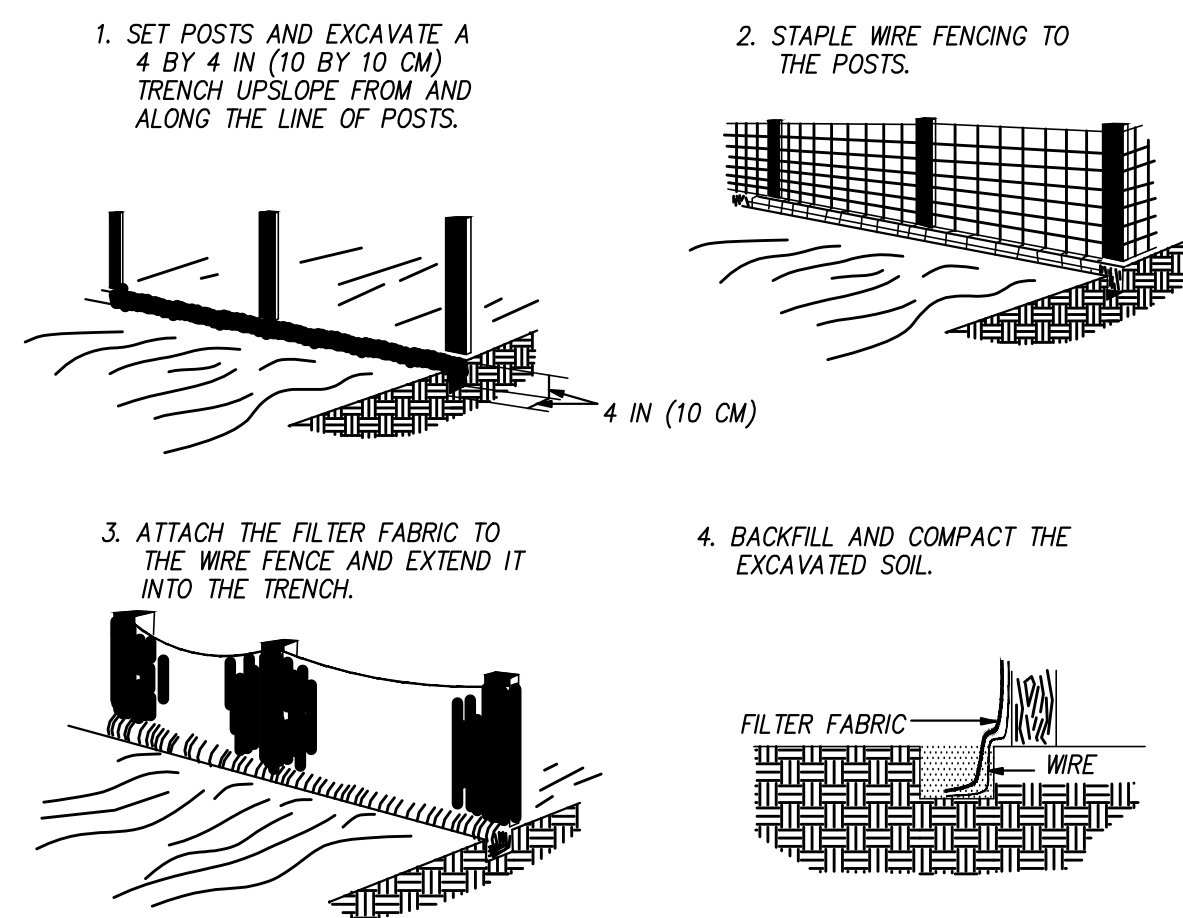


PERIMIETER CHAINLINK FENCE DETAIL



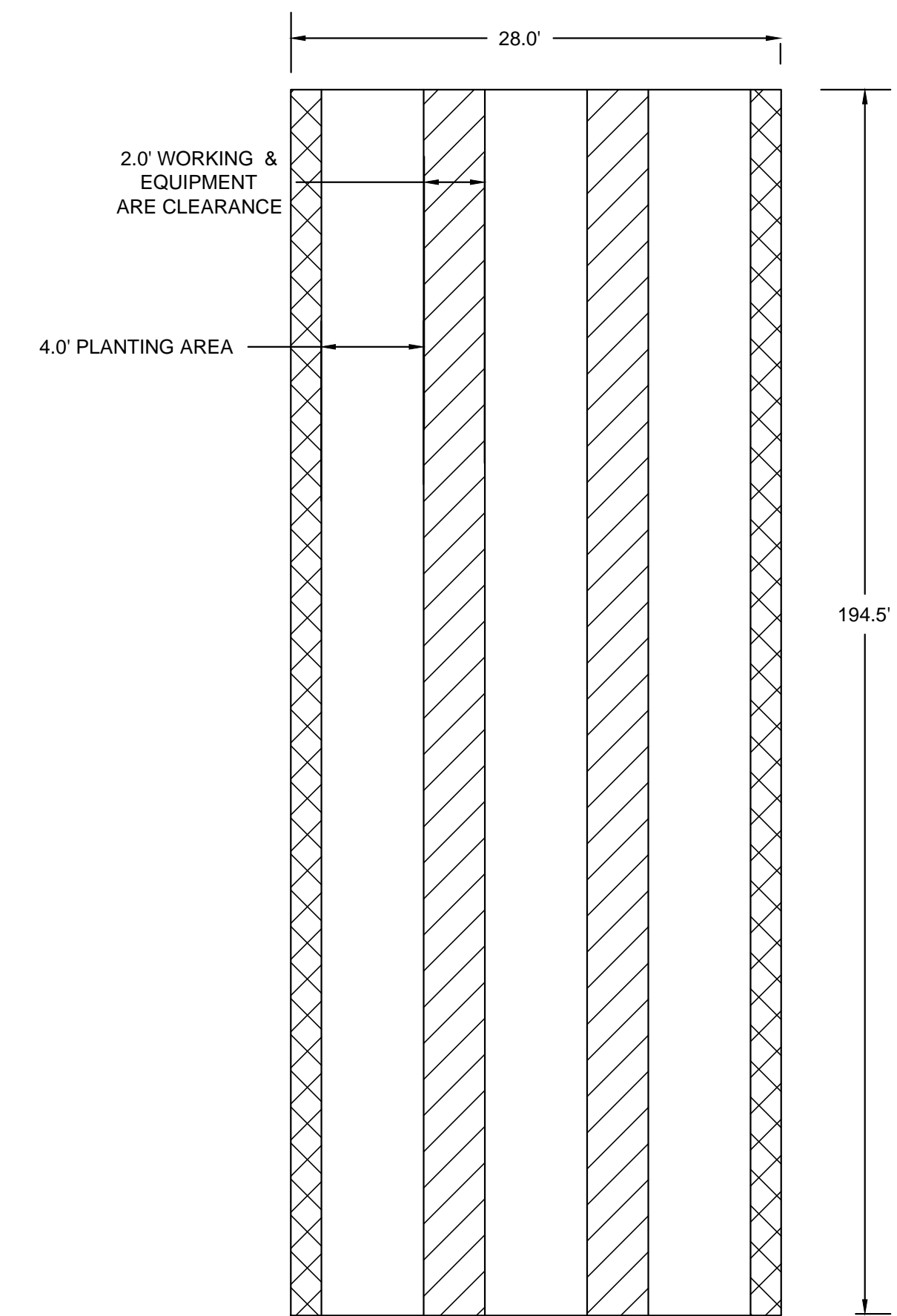
ALL WEATHER ACCES ROAD SECTION

NOT TO SCALE



SILT FENCE DETAIL

NO SCALE



TYPICAL PLANTING LAYOUT

NO SCALE

04/09/2020

**CIVIL DESIGN**  
SOLUTIONS

234 ATLANTIC CITY AVE GROVER BEACH, CA  
805 621 3050

Kwid and Xiong 11520 Tule Elk Lane

Details

Design/Drawn RJM/RJM	County Plan Checker .	Approved for County Requirements Development Services Engineer Date
Job # 2019-139	County W.O. No. .	Robert J. Montoya, PE 68101exp 06/30/20 Date 12/4/19
California Coordinates (CC383, Zone 5) 2327093 N 5943837 E	County Road # .	of 3 3