

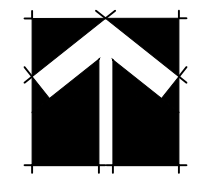
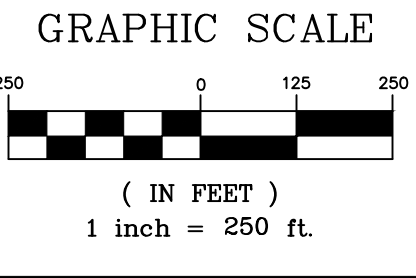
**KNAPP**  
 4379 & 4457 NEW LONG VALLEY RD  
 CLEARLAKE OAKS, CA 95423  
 APN: 006-009-23 & 53

VICINITY MAP  
 NO SCALE

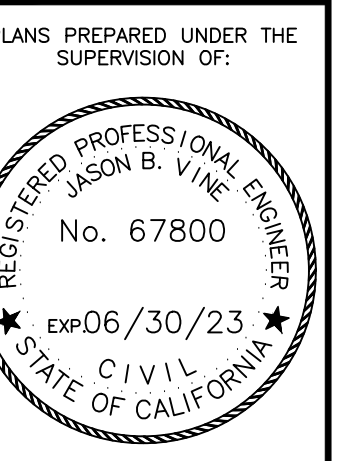
- LEGEND:**
- 1310- CONTOUR ELEVATION
  - - - FENCE
  - - - CREEK / SWALE
  - - - 100' SETBACK
  - - - OVERHEAD WIRE
  - UTILITY POLE
  - APN ASSESSOR'S PARCEL NUMBER
  - APPROX APPROXIMATELY
  - DWY DRIVEWAY
  - (E) EXISTING
  - (P) PROPOSED
  - RD ROAD
  - SF SQUARE FEET
- NOTES:**
1. CONTOUR INTERVALS = 5'

- (E) GROUNDWATER WELL  
 LAT: 39.088154°  
 LONG: -122.674149°  
 BENEFICIAL USES:  
 DOMESTIC IRRIGATION AND FIRE PROTECTION
- (B) 120 S.F. SHED FOR FERTILIZER AND PESTICIDES
  - (C) 2,500 GALLON WATER TANK
  - (D) 10 X 100 HOOP HOUSE
  - (E) 30' X 100' GREENHOUSE
  - (F) 60' X 100' 6000 S.F. PROCESSING BUILDING

EXISTING CONDITIONS  
 SITE PLAN



**REALM ENGINEERING**  
 CIVIL ENGINEERING, SURVEYING & PLANNING  
 1767 MARKET STREET SUITE C  
 REDDING, CA. 96001  
 530-526-7493

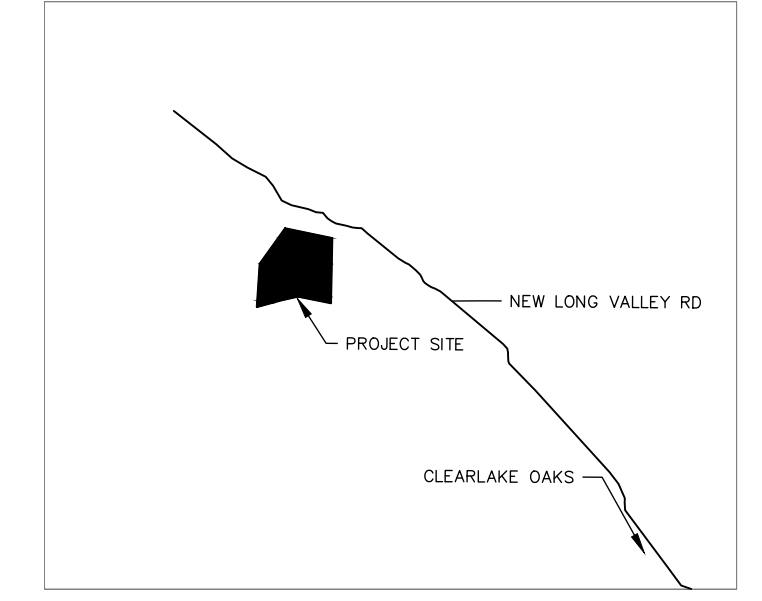
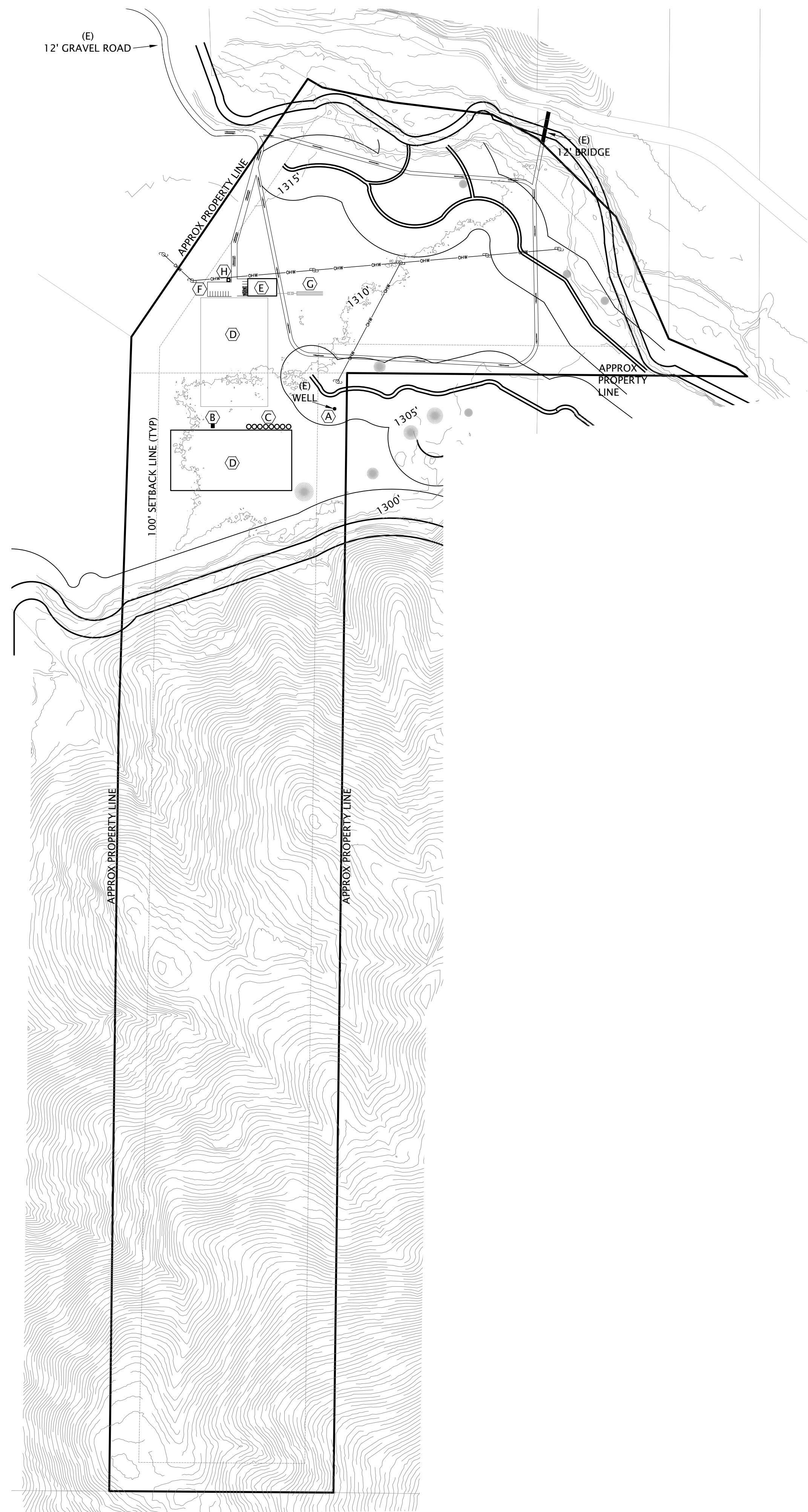


EXISTING CONDITIONS SITE PLAN  
 KNAPP

KNAPP  
 4379 AND 4457 NEW LONG VALLEY RD  
 CLEARLAKE OAKS, CA 95423  
 APN: 006-009-23 & 53

PLOTTED BY: ---
DATE PLOTTED: 10/14/22
SCALE OF DRAWING: SEE PLAN
JOB NUMBER:
CADD FILE:
SHEET:





VICINITY MAP  
NO SCALE

**KNAPP**  
4379 & 4457 NEW LONG VALLEY RD  
CLEARLAKE OAKS, CA 95423  
APN: 006-009-23 & 53

**LEGEND:**

- 1310- CONTOUR ELEVATION
- - - FENCE
- - - CREEK / SWALE
- - - 100' SETBACK
- - - OVERHEAD WIRE
- UTILITY POLE
- APN ASSESSOR'S PARCEL NUMBER
- APPROX APPROXIMATELY
- DWY DRIVEWAY
- (E) EXISTING
- (P) PROPOSED
- RD ROAD
- SF SQUARE FEET

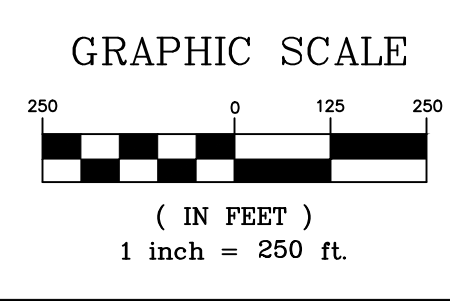
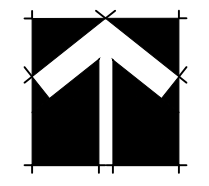
**NOTES:**

1. CONTOUR INTERVALS = 5'

(E) GROUNDWATER WELL  
LAT: 39.088154°  
LONG: -122.674149°

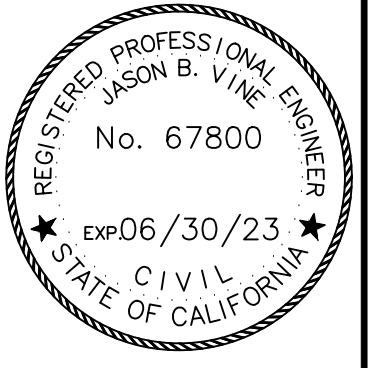
- (A) BENEFICIAL USES:  
DOMESTIC IRRIGATION AND FIRE PROTECTION
- (B) 120 S.F. SHED FOR FERTILIZER AND PESTICIDES
- (C) 2,500 GALLON WATER TANK
- (D) 2 ACRE (87,120 SQ. FT.) OUTDOOR CULTIVATION / CANOPY AREA
- (E) 60' X 100' 6000 S.F PROCESSING BUILDING
- (F) PARKING LOT WITH ADA
- (G) (P) SEPTIC / LEACH FIELD
- (H) (P) FOUNDATION WITH 8' DIAMETER  
5,000 GALLON METAL FIRE WATER STORAGE

PROPOSED CONDITIONS  
SITE PLAN STAGE I



**REALM ENGINEERING**  
CIVIL ENGINEERING, SURVEYING & PLANNING  
1767 MARKET STREET SUITE C  
REDDING, CA. 96001  
530-526-7493

PLANS PREPARED UNDER THE  
SUPERVISION OF:

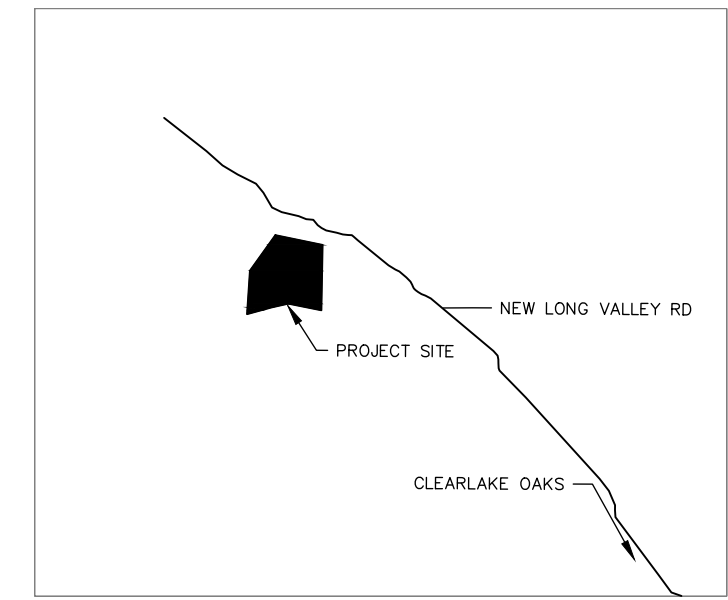
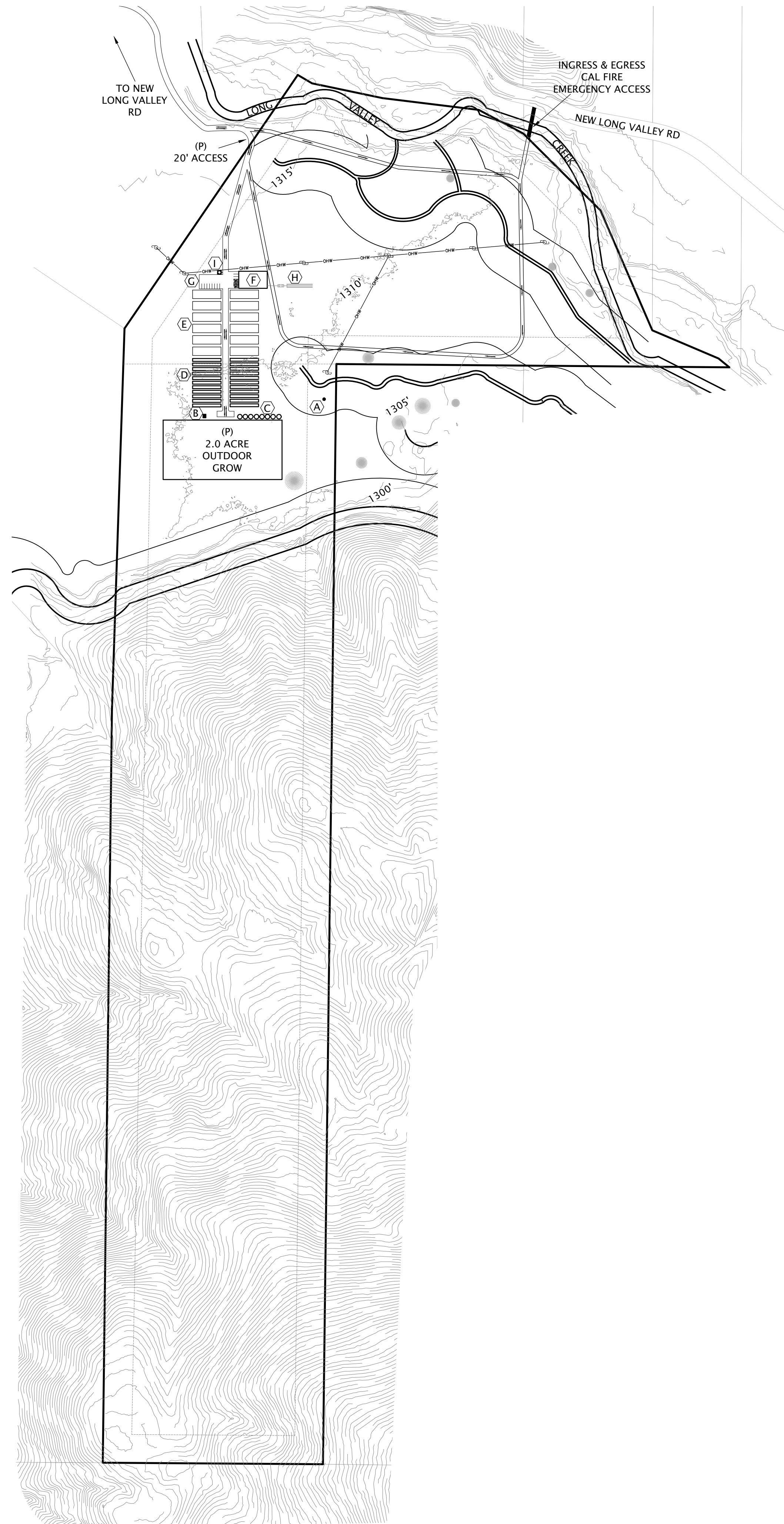
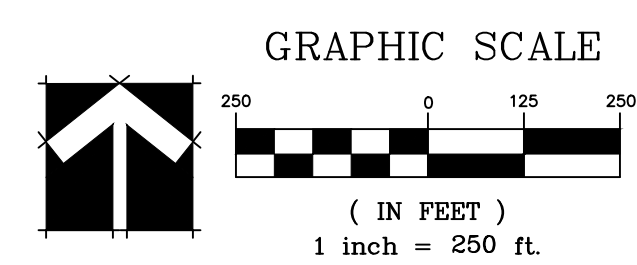


PROPOSED CONDITIONS SITE PLAN STAGE I  
KNAPP

KNAPP  
4379 AND 4457 NEW LONG VALLEY RD  
CLEARLAKE OAKS, CA 95423  
APN: 006-009-23 & 53

PLOTTED BY:  
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DATE PLOTTED:  
10/14/22  
SCALE OF DRAWING:  
SEE PLAN  
JOB NUMBER:  
CADD FILE:  
SHEET:

PROPOSED CONDITIONS  
SITE PLAN STAGE II



VICINITY MAP  
NO SCALE

KNAPP  
4379 & 4457 NEW LONG VALLEY RD  
CLEARLAKE OAKS, CA 95423  
APN: 006-009-23 & 53

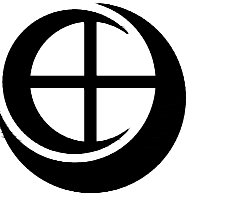
LEGEND:

- 1310 CONTOUR ELEVATION
- FENCE
- CREEK / SWALE
- 100' SETBACK
- OVERHEAD WIRE
- UTILITY POLE
- APN ASSESSOR'S PARCEL NUMBER
- APPROX APPROXIMATELY
- DWY DRIVEWAY
- (E) EXISTING
- (P) PROPOSED
- RD ROAD
- SF SQUARE FEET

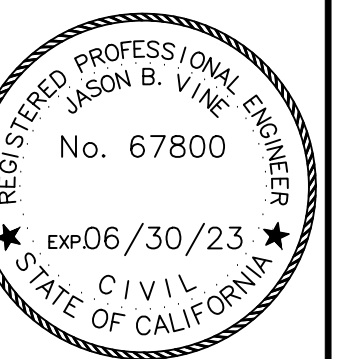
- (A) (E) WELL LOCATION (39.088154, -122.674149)
- (B) (P) 120 S.F. SHED FOR FERTILIZER AND PESTICIDES
- (C) (P) 2,500 GALLON WATER TANK
- (D) (P) 10 X 100 HOOP HOUSE
- (E) (P) 30' X 100' GREENHOUSE
- (F) (P) 60' X 100' 6000 S.F PROCESSING BUILDING
- (G) PARKING LOT WITH ADA
- (H) (P) SEPTIC / LEACH FIELD
- (I) (P) FOUNDATION WITH 8' DIAMETER 5,000 GALLON METAL FIRE WATER STORAGE

Revisions:

**REALM ENGINEERING**  
CIVIL ENGINEERING, SURVEYING & PLANNING  
1767 MARKET STREET SUITE C  
REDDING, CA. 96001  
530-526-7493



PLANS PREPARED UNDER THE SUPERVISION OF:



PROPOSED CONDITIONS SITE PLAN STAGE II

KNAPP  
4379 AND 4457 NEW LONG VALLEY RD  
CLEARLAKE OAKS, CA. 95423  
LAKE COUNTY  
APN:006-009-23 & 53

PLOTTED BY:

DATE PLOTTED:

SCALE OF DRAWING:

JOB NUMBER:

CADD FILE:

SHEET:



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**REALM ENGINEERING**  
 CIVIL ENGINEERING, SURVEYING & PLANNING  
 1767 MARKET STREET SUITE C  
 REDDING, CA. 96001  
 530-526-7493

PLANS PREPARED UNDER THE SUPERVISION OF:

**EROSION & SEDIMENT CONTROL PLAN**

KNAPP  
 4379 & 4457 NEW LONG VALLEY RD.  
 CLEARLAKE OAKS, CA 95423  
 APN: 006-009-23 & 53

PLOTTED BY: ---  
 DATE PLOTTED: 10/14/22  
 SCALE OF DRAWING: SEE PLAN  
 JOB NUMBER:  
 CADD FILE:  
 SHEET:

**4**

**KNAPP**  
 4379 & 4457 NEW LONG VALLEY RD  
 CLEARLAKE OAKS, CA 95423  
 APN: 006-009-23 & 53

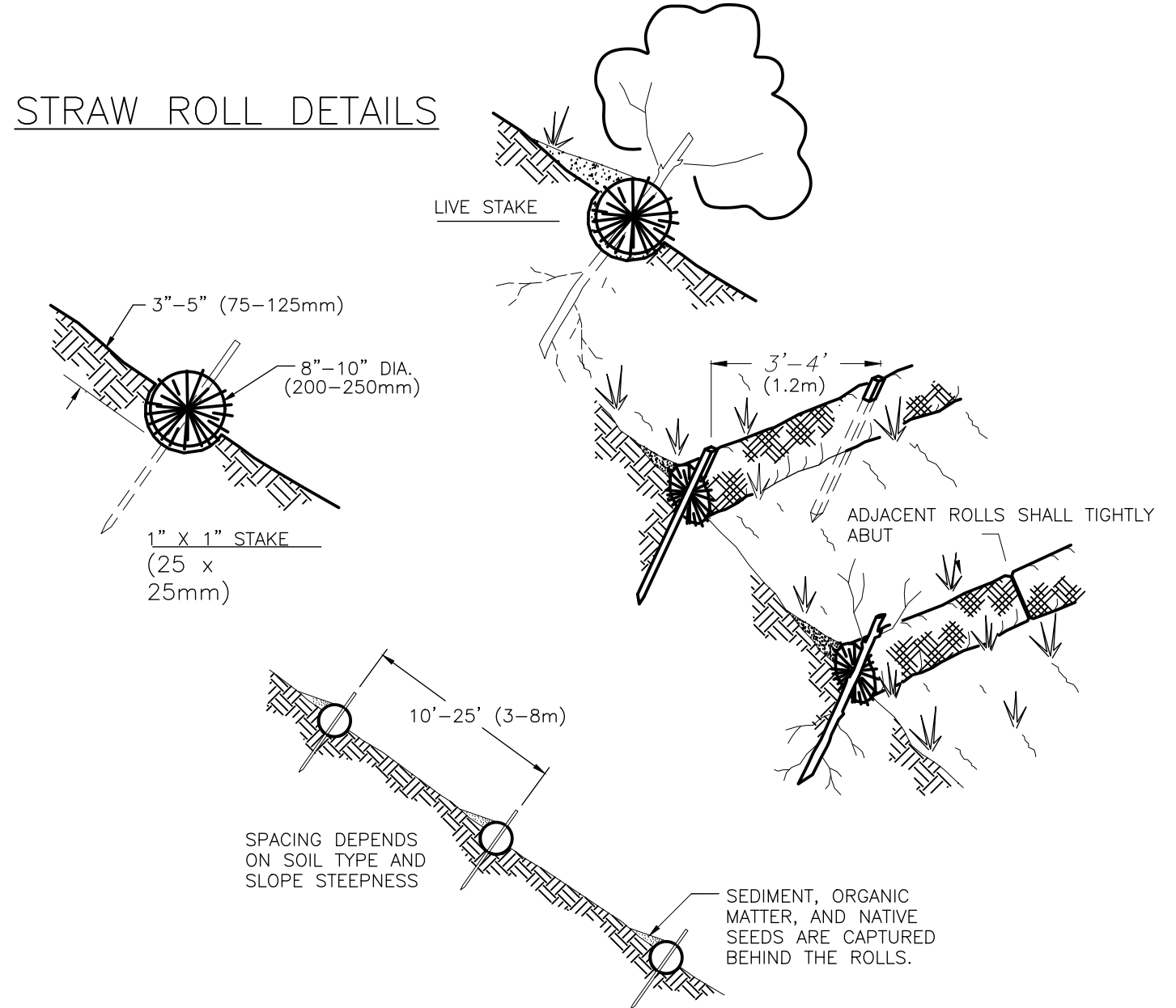
**NOTES:**

1. STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3"-5" (75-125mm) DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.
2. STRAW ROLLS MUST BE PLACED ALONG SLOPE CONTOURS

**LEGEND:**

- 15.30 CONTOUR ELEVATION
  - FENCE
  - ASPHALT
  - GRAVEL
  - CREEK / SWALE
  - APN ASSESSOR'S PARCEL NUMBER
  - APPROX APPROXIMATELY
  - DWY DRIVEWAY
  - (E) EXISTING
  - (P) PROPOSED
  - RD ROAD
  - SF SQUARE FEET
- NOTES:**
1. CONTOUR INTERVAL IS 20'
- DRAINAGE PATTERNS
  - STRAW ROLLS (ADJUST TO SUIT FIELD CONDITIONS)
  - CMS CONSTRUCTION MATERIALS STORAGE AREA

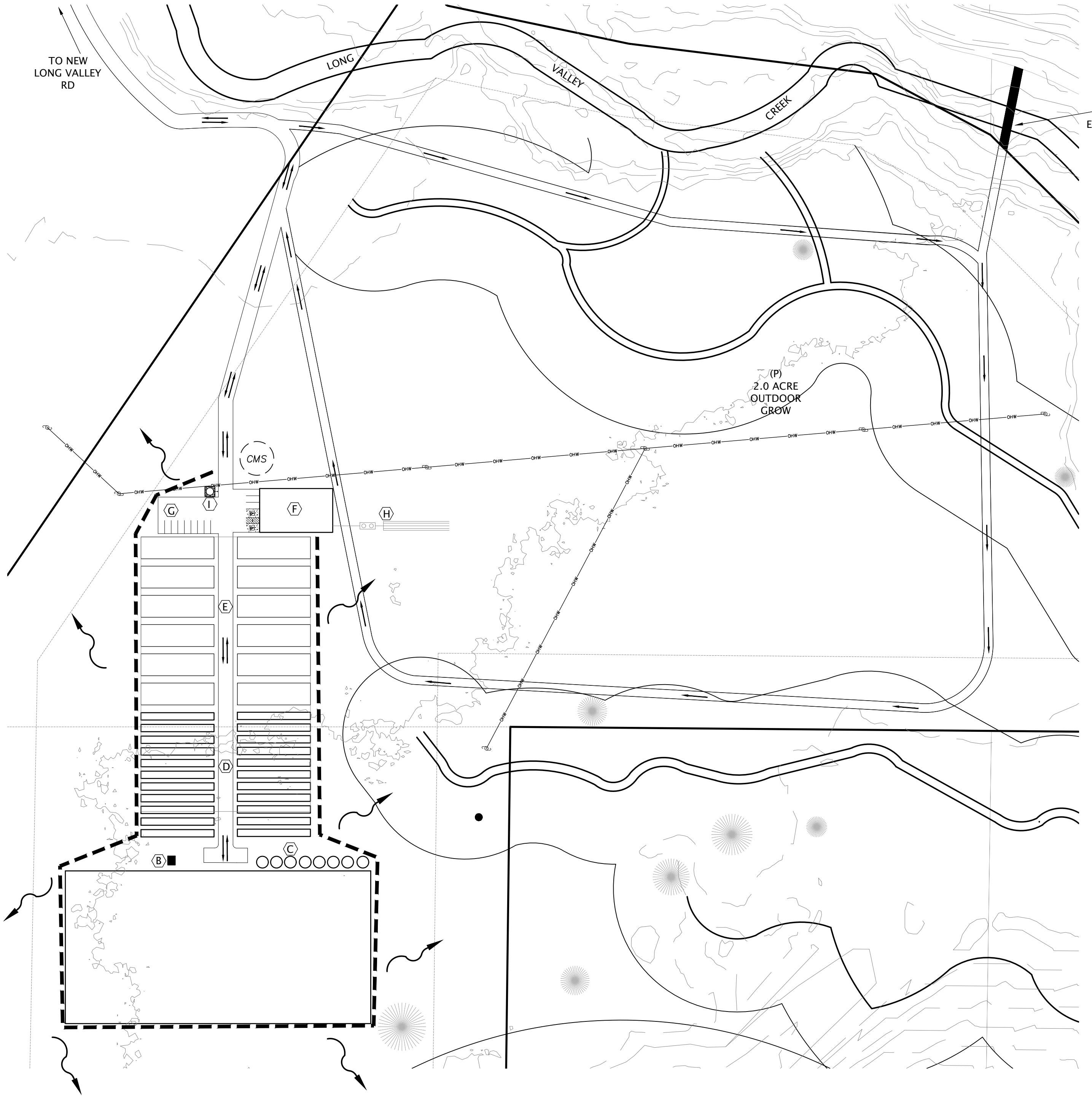
**STRAW ROLL DETAILS**



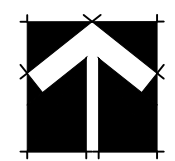
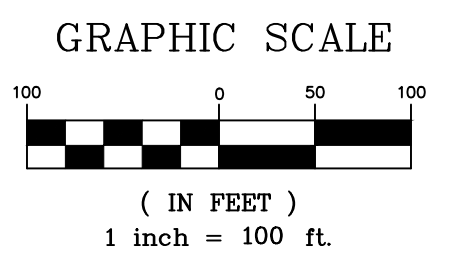
- (A) (E) WELL LOCATION (39.088154, -122.674149)
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- (I) (P) FOUNDATION WITH 8' DIAMETER 5,000 GALLON METAL FIRE WATER STORAGE

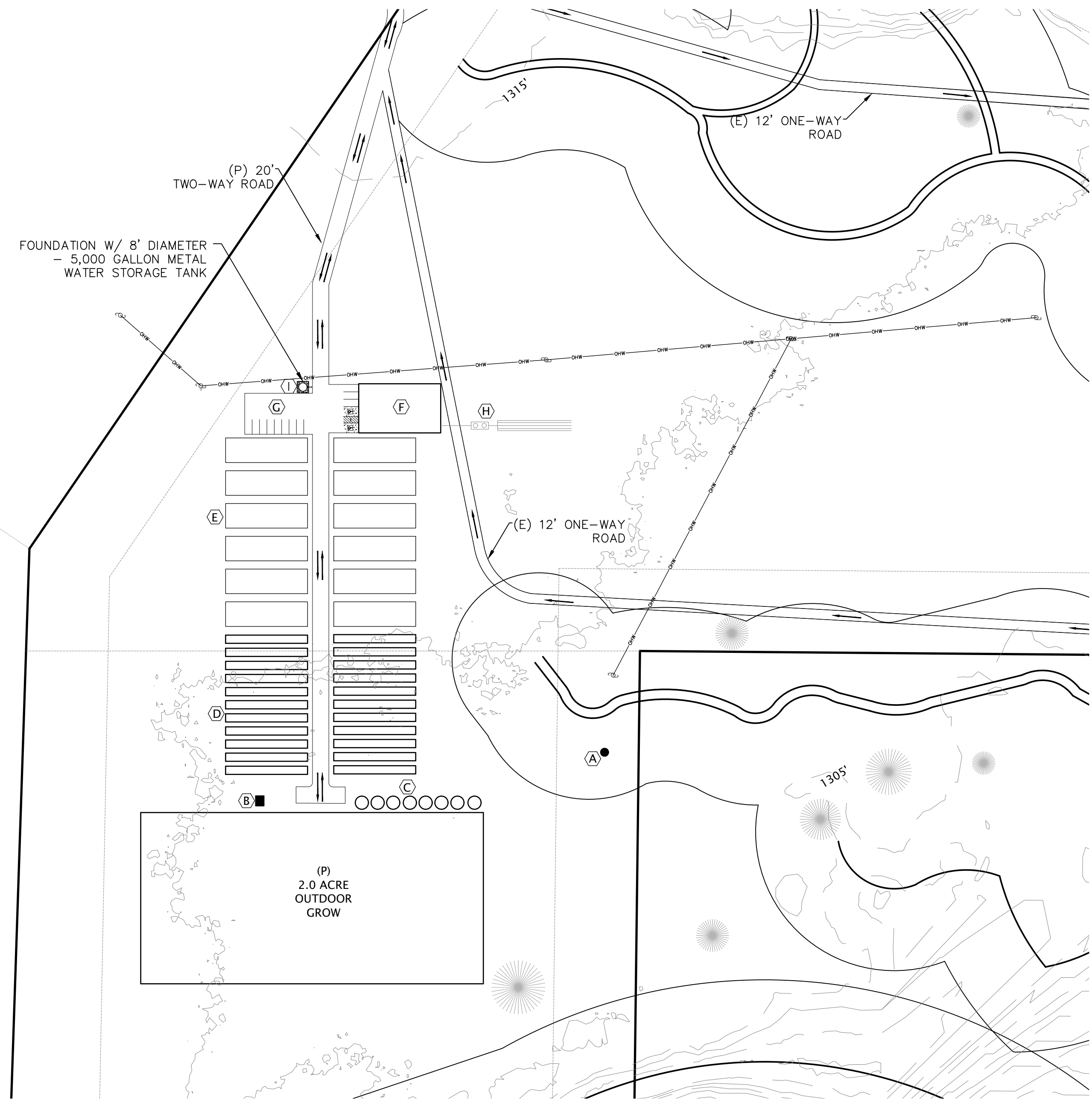
**EROSION & SEDIMENT CONTROL NOTES:**

1. CONTRACTOR IS TO IMPLEMENT BEST MANAGEMENT PRACTICES (BMPs) TO CONTROL EROSION CONTROL AND REDUCE THE OFF-SITE DISCHARGE OF SEDIMENT TO THE MAXIMUM EXTENT PRACTICABLE.
2. EROSION CONTROL BMPs SHALL BE IN PLACE AND MAINTAINED ALL YEAR ROUND.
3. THE CONTRACTOR SHALL FOLLOW THE GUIDELINES FROM THE "CALIFORNIA STORMWATER BMP HANDBOOK" FOR THE MEASURES SHOWN OR STATED ON THESE PLANS.
4. CONTRACTOR MUST ENSURE THAT THE CONSTRUCTION SITE IS PREPARED PRIOR TO THE ONSET OF ANY STORM.
5. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THIS EROSION AND SEDIMENT CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF THE QUALIFIED SWPPP PRACTITIONER (QSP).
6. THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO ANTICIPATED FIELD CONDITIONS. VARIATIONS MAY BE MADE TO THE PLAN IN THE FIELD SUBJECT TO THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF LAKE COUNTY.
7. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED BEFORE AND AFTER ALL STORMS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
8. CONTRACTOR SHALL MAINTAIN A LOG AT THE SITE OF ALL INSPECTIONS OR MAINTENANCE OF BMPs, AS WELL AS, ANY CORRECTIVE CHANGES TO THE BMPs OR EROSION AND SEDIMENT CONTROL PLAN.
9. THE CONTRACTOR SHALL INSTALL THE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO COMMENCEMENT OF GRADING. LOCATION OF THE ENTRANCE MAY BE ADJUSTED BY THE CONTRACTOR TO FACILITATE GRADING OPERATIONS. ALL CONSTRUCTION TRAFFIC ENTERING THE PAVED ROAD MUST CROSS THE STABILIZED CONSTRUCTION ENTRANCE.
10. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE SWEEPED AT THE END OF EACH WORKING DAY OR AS NECESSARY.
11. ANY LOOSE GROUND FROM EXCAVATING GRADING OPERATIONS SHALL BE SECURED PRIOR TO ANY RAIN EVENT. STRAW OR TARP ALL DISTURBED OR EXCAVATED GROUND.
12. CONTRACTOR SHALL PLACE GRAVEL BAGS AROUND ALL NEW DRAINAGE STRUCTURE OPENINGS IMMEDIATELY AFTER THE STRUCTURE OPENING IS CONSTRUCTED. THESE GRAVEL BAGS SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.
13. AS A MINIMUM, ALL GRADED AREAS AND EXPOSED SOIL WITHIN THE PROJECT SHALL BE SEEDED PER THE REQUIREMENTS OF LAKE COUNTY.
14. DUST GENERATION MUST BE MINIMIZED AND A WATER TRUCK MUST BE AVAILABLE ON-SITE FOR ADEQUATE DUST CONTROL.

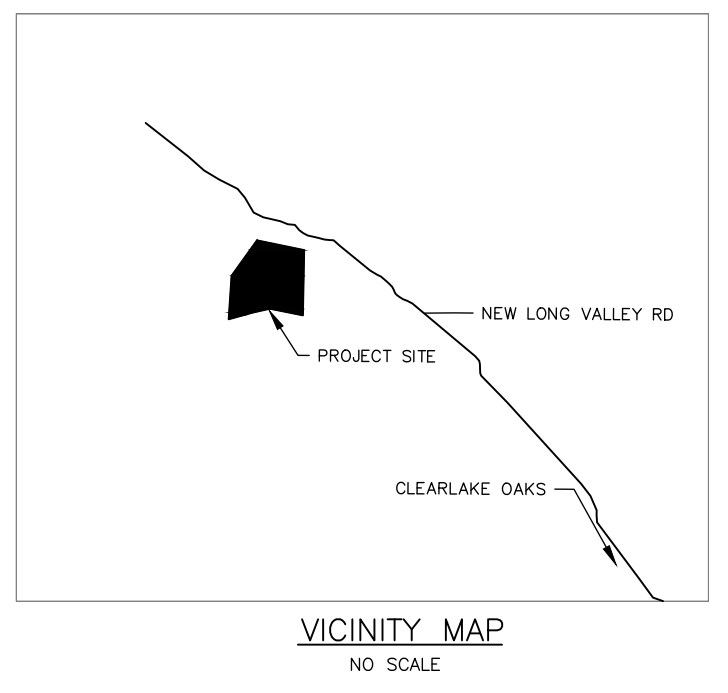
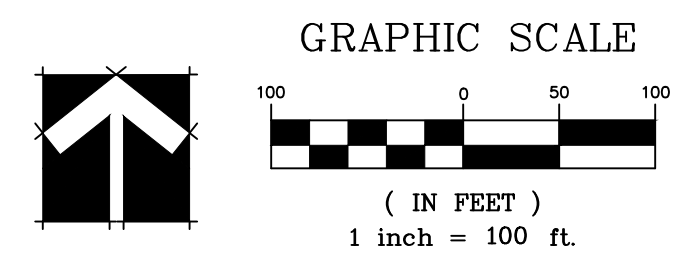


**EROSION & SEDIMENT CONTROL PLAN**





PROPOSED CONDITIONS  
SITE PLAN



**KNAPP**  
4379 & 4457 NEW LONG VALLEY RD  
CLEARLAKE OAKS, CA 95423  
APN: 006-009-23 & 53

**LEGEND:**

- 1530- CONTOUR ELEVATION
- FENCE
- CREEK / SWALE
- UTILITY POLE
- APN ASSESSOR'S PARCEL NUMBER
- APPROX APPROXIMATELY
- DWY DRIVEWAY
- (E) EXISTING
- (P) PROPOSED
- RD ROAD
- SF SQUARE FEET

**NOTES:**

1. CONTOUR INTERVALS = 10'

- (A) (E) WELL LOCATION (39.088154, -122.674149)
- (B) (P) 120 S.F. SHED FOR FERTILIZER AND PESTICIDES
- (C) (P) 2,500 GALLON WATER TANK
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- (G) PARKING LOT WITH ADA
- (H) (P) SEPTIC / LEACH FIELD
- (I) (P) FOUNDATION WITH 8' DIAMETER 5,000 GALLON METAL FIRE WATER STORAGE

Revisions:

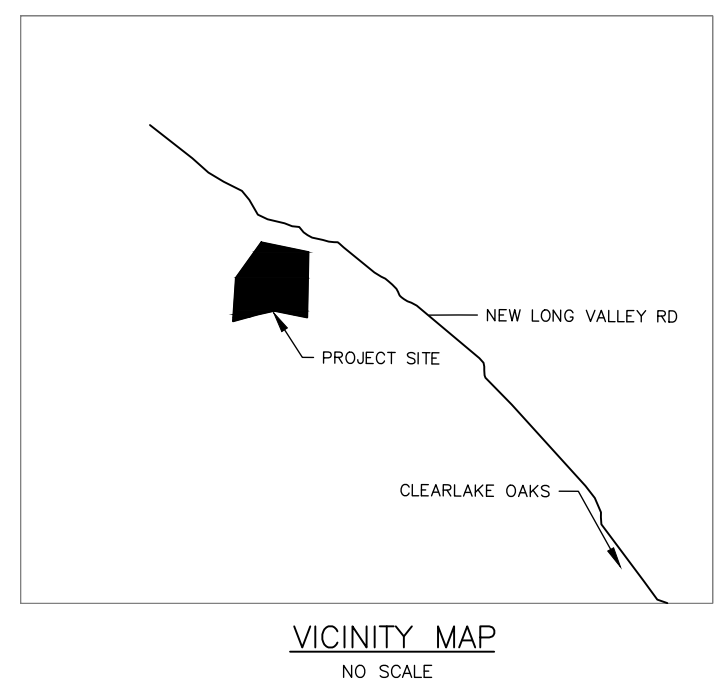
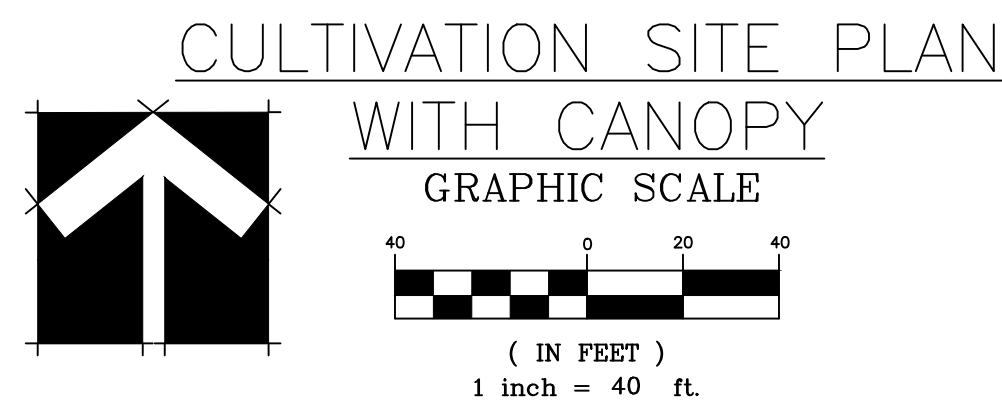
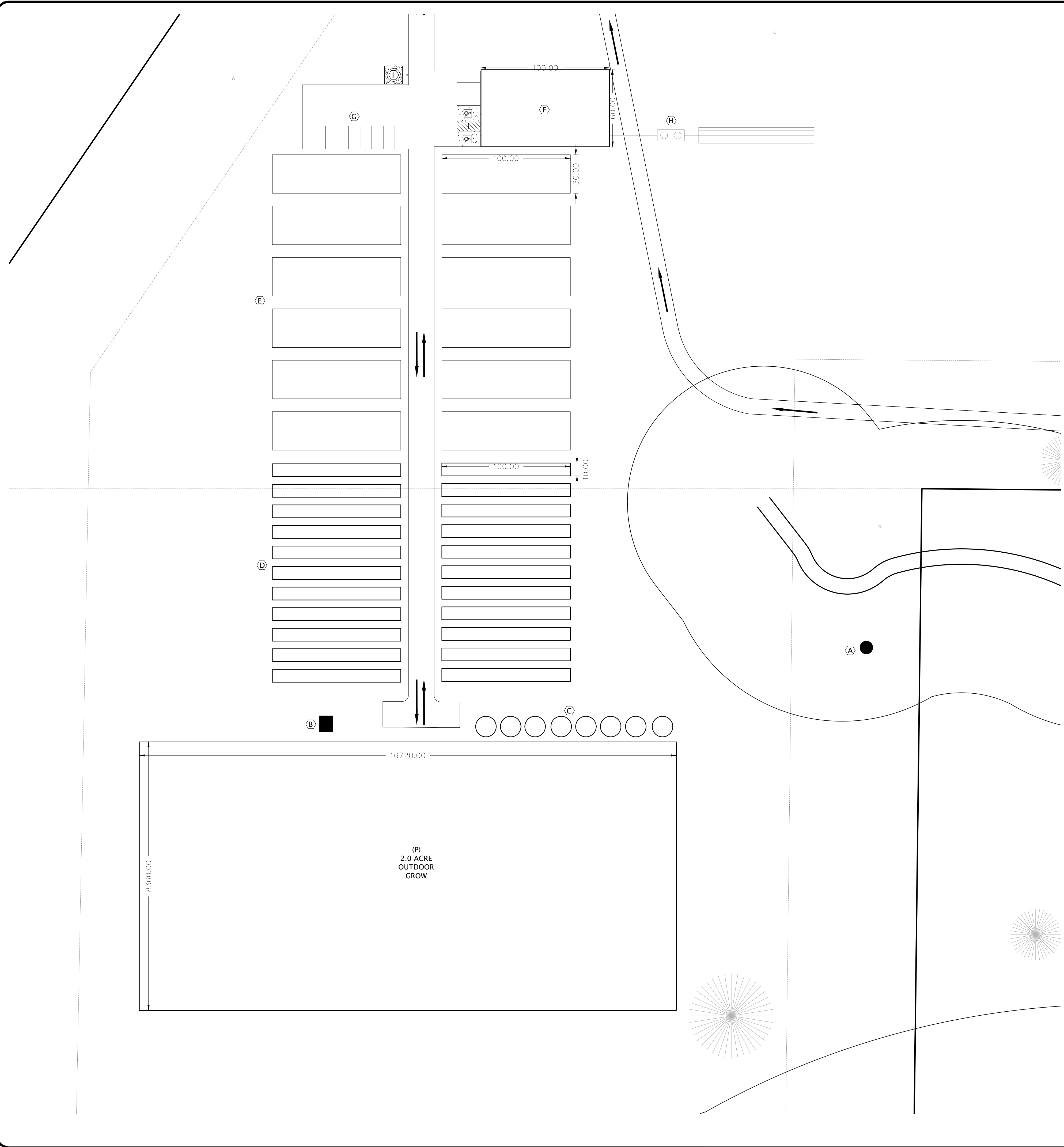
**REALM ENGINEERING**  
CIVIL ENGINEERING, SURVEYING & PLANNING  
1767 MARKET STREET SUITE C  
REDDING, CA. 96001  
530-526-7493

PLANS PREPARED UNDER THE SUPERVISION OF:

PROPOSED CONDITIONS / FIRE MAP  
KNAPP

4379 & 4457 NEW LONG VALLEY RD  
CLEARLAKE OAKS, CA 95423  
APN: 006-009-23 & 53

PLOTTED BY:  
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DATE PLOTTED:  
10/14/22  
SCALE OF DRAWING:  
SEE PLAN  
JOB NUMBER:  
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KNAPP  
4379 & 4457 NEW LONG  
VALLEY RD  
CLEARLAKE OAKS, CA 95423  
APN: 011-064-05

- LEGEND:**
- 1530 CONTOUR ELEVATION
  - FENCE
  - CREEK / SWALE
  - UTILITY POLE
  - APN ASSESSOR'S PARCEL NUMBER
  - APPROX APPROXIMATELY
  - DWY DRIVEWAY
  - (E) EXISTING
  - (P) PROPOSED
  - RD ROAD
  - SF SQUARE FEET

- NOTES:**
1. CONTOUR INTERVALS = 10'
- (A) (E) WELL LOCATION (39.088154, -122.674149)
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Revisions:

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**REALM ENGINEERING**  
CIVIL ENGINEERING, SURVEYING & PLANNING  
1767 MARKET STREET SUITE C  
REDDING, CA. 96001  
530-526-7493

PLANS PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED PROFESSIONAL ENGINEER  
 JASON B. VIME  
 No. 67800  
 Exp 06/30/23  
 CIVIL  
 STATE OF CALIFORNIA

CULTIVATION SITEPLAN / CANOPY SITE PLAN

4379 & 4457 NEW LONG VALLEY RD  
CLEARLAKE OAKS, CA 95423  
APN: 011-064-05

PLOTTED BY:  
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DATE PLOTTED:  
1/28/21  
SCALE OF DRAWING:  
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JOB NUMBER:  
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6