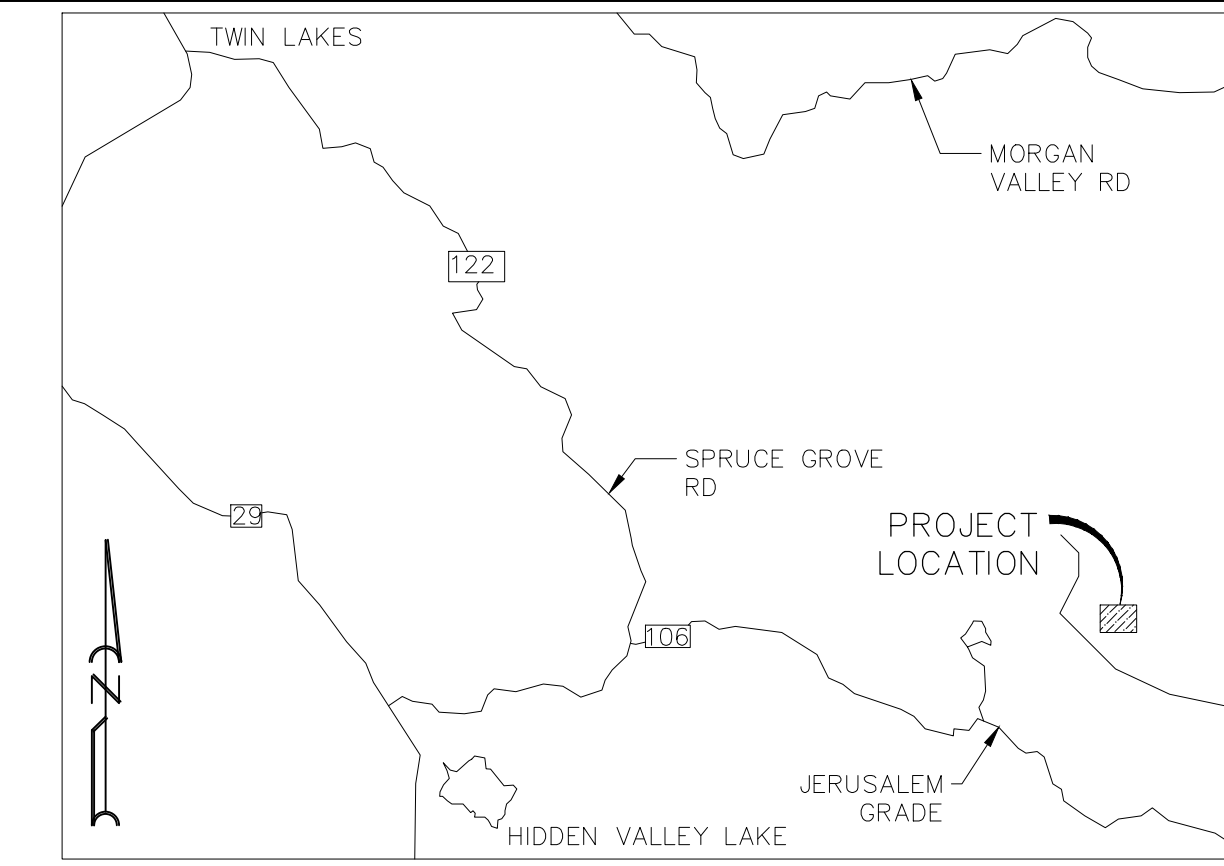
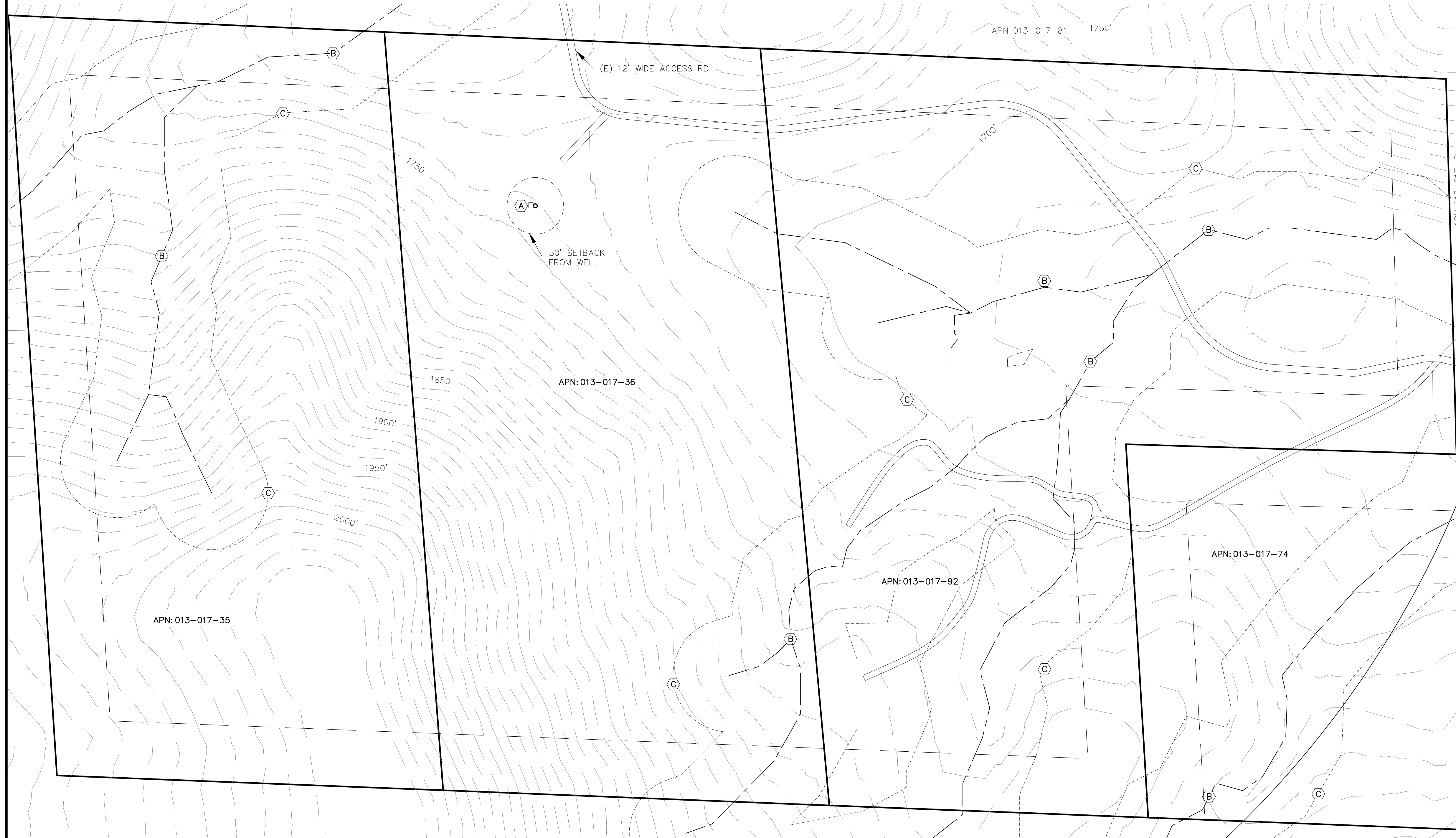


25392/25372/25252/25322 JERUSALEM GRADE RD.
MIDDLETOWN, CA 95461 - LAKE COUNTY

APN'S: 013-017-35/013-017-36/013-017-92/013-017-74



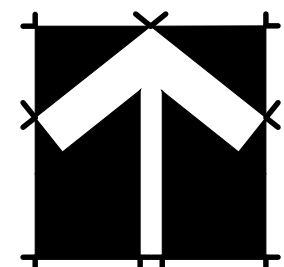
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NO SCALE



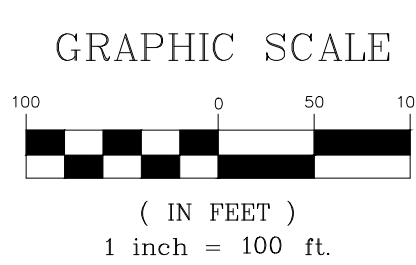
- LEGEND:**
- 1530 CONTOUR ELEVATION
 - FENCE
 - LIMITS OF DISTURBED AREA
 - ASPHALT
 - GRAVEL
 - EARTH
 - FLOOD ZONE
 - CREEK / SWALE
 - APN ASSESSOR'S PARCEL NUMBER
 - APPROX APPROXIMATELY
 - DWY DRIVEWAY
 - (E) EXISTING
 - (P) PROPOSED
 - RD ROAD
 - SF SQUARE FEET

- NOTES:**
1. CONTOUR INTERVAL IS 10'

- (A) (E) GROUNDWATER WELL:
LAT: 38.491808°
LONG: -122.272733°
- (B) EPHEMERAL CLASS III WATERCOURSE
- (C) 100' SETBACK FROM WATERCOURSE



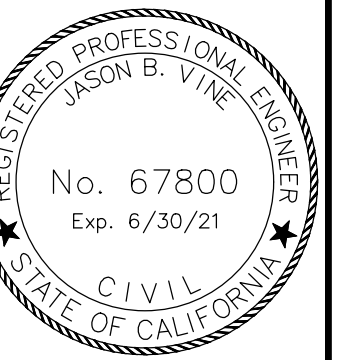
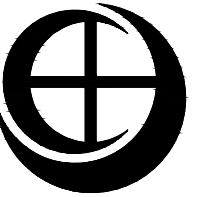
EXISTING CONDITIONS SITE PLAN



Attachment 5

Revisions:

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



EXISTING CONDITION SITE PLAN

25392/25372/25252/25322 JERUSALEM GRADE RD.
MIDDLETOWN, CA 95461
LAKE COUNTY - APN'S: 013-017-35/013-017-36/013-017-92/013-017-74

PLOTTED BY:

DATE PLOTTED:

SCALE OF DRAWING:

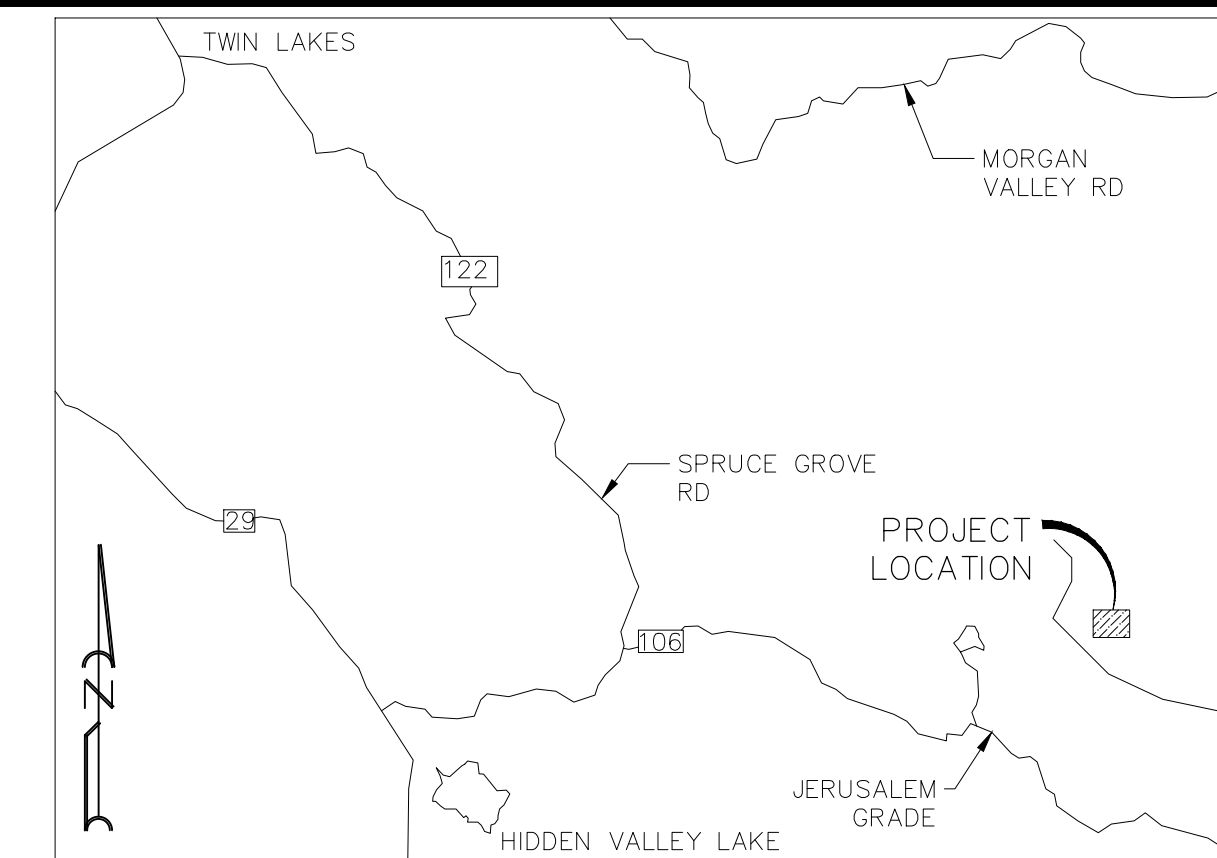
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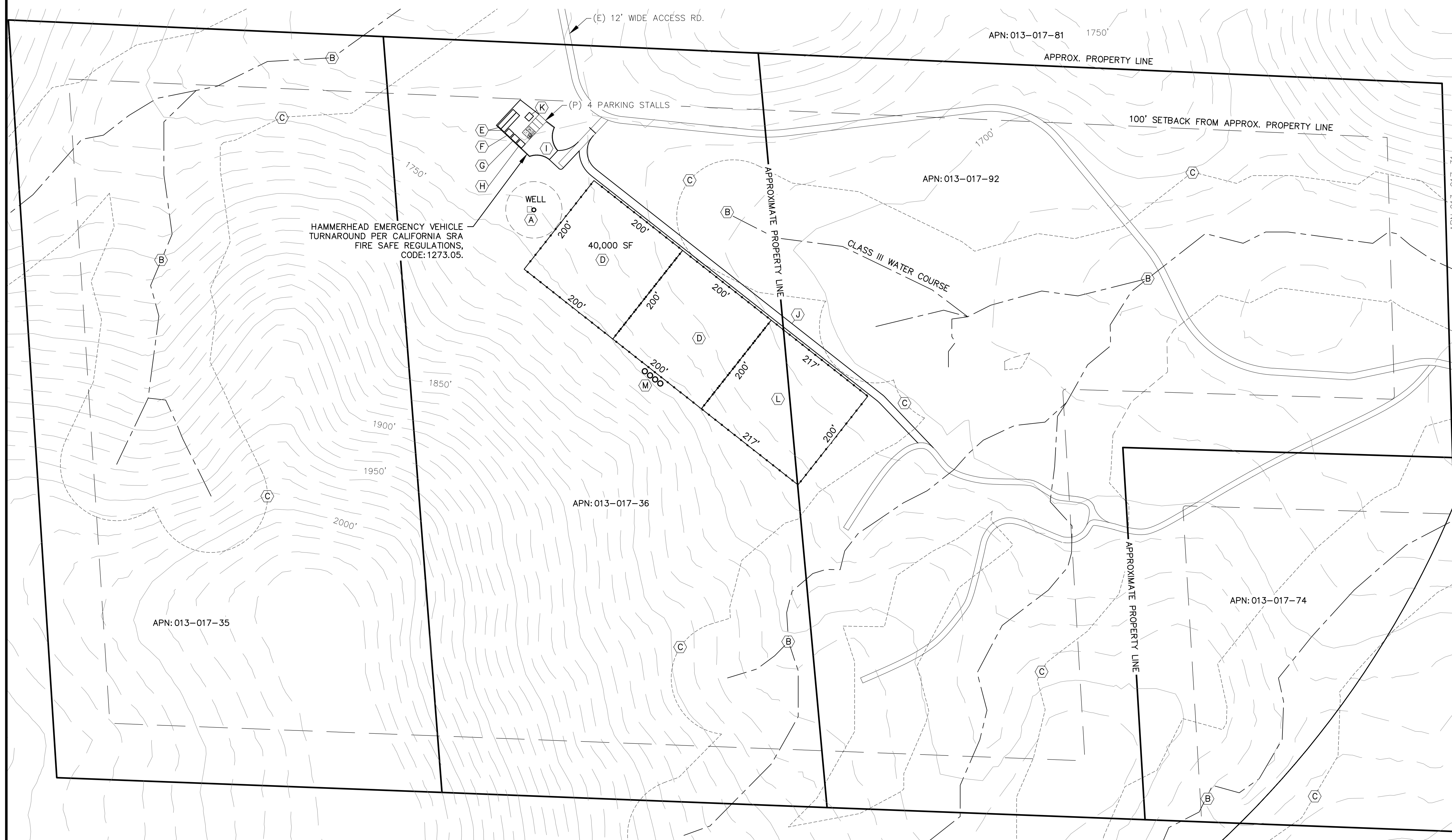
SHEET:

25392/25372/25252/25322 JERUSALEM GRADE RD.
MIDDLETOWN, CA 95461 - LAKE COUNTY

APN'S: 013-017-35/013-017-36/013-017-92/013-017-74



VICINITY MAP
NO SCALE



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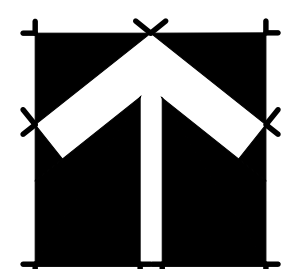
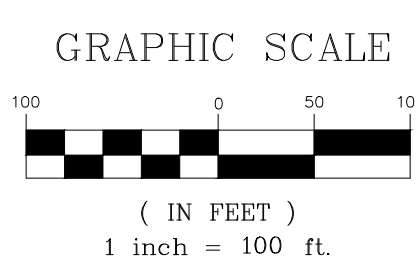
- 1530 CONTOUR ELEVATION
- FENCE
- LIMITS OF DISTURBED AREA
- ASPHALT
- GRAVEL
- EARTH
- FLOOD ZONE
- CREEK / SWALE
- APN ASSESSOR'S PARCEL NUMBER
- APPROX APPROXIMATELY
- DWY DRIVEWAY
- (E) EXISTING
- (P) PROPOSED
- RD ROAD
- SF SQUARE FEET

NOTES:

1. CONTOUR INTERVAL IS 10'

- (A) (E) GROUNDWATER WELL:
LAT: 38.491808°
LONG: -122.272733°
- (B) EPHEMERAL CLASS III WATERCOURSE
- (C) 100' SETBACK FROM WATERCOURSE
- (D) (P) 40,000 SF OUTDOOR CULTIVATION/CANOPY AREA
- (E) (P) TWO - 8'x20' HARVEST STORAGE AREAS
- (F) (P) AGRICULTURAL CHEMICAL STORAGE AREA
- (G) (P) COMPOSTING AREA
- (H) (P) DESIGNATED REFUSE AREA
- (I) (P) PARKING / A.D.A
- (J) (P) 14' WIDE ACCESS RD.
- (K) (P) 10'x12' SECURITY SHED
- (L) (P) 43,400 SF OUTDOOR CULTIVATION/CANOPY AREA
- (M) (P) FOUR - 8,000 GALLON WATER STORAGE TANKS=32K GALLON

PROPOSED CONDITIONS SITE PLAN



Revisions:

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

PROPOSED CONDITION SITE PLAN

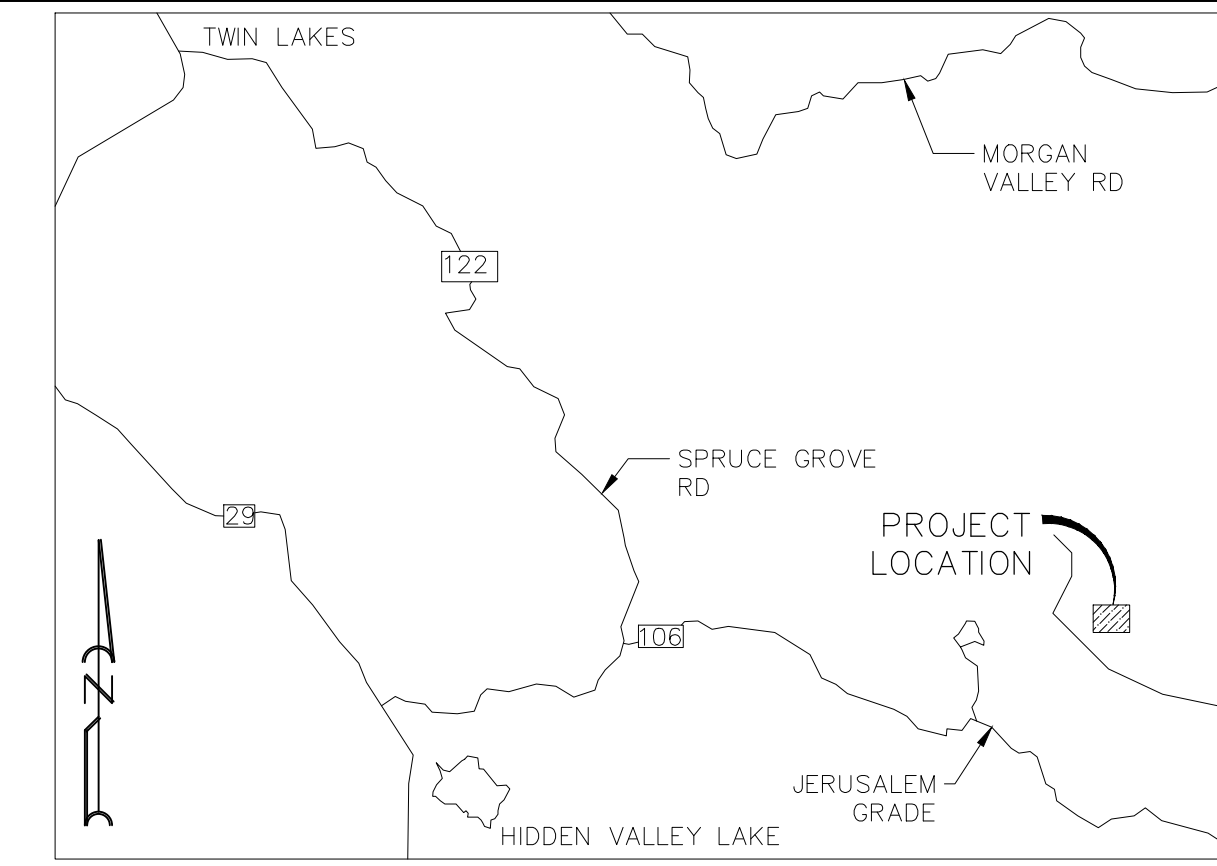
25392/25372/25252/25322 JERUSALEM GRADE RD.
MIDDLETOWN, CA 95461
LAKE COUNTY - APN'S: 013-017-35/013-017-36/013-017-92/013-017-74

PLOTTED BY:
DATE PLOTTED:
1/10/20
SCALE OF DRAWING:
SEE PLAN
JOB NUMBER:
CADD FILE:
SHEET:

1

25392/25372/25252/25322 JERUSALEM GRADE RD.
MIDDLETOWN, CA 95461 - LAKE COUNTY

APN'S: 013-017-35/013-017-36/013-017-92/013-017-74



VICINITY MAP
NO SCALE



LEGEND:

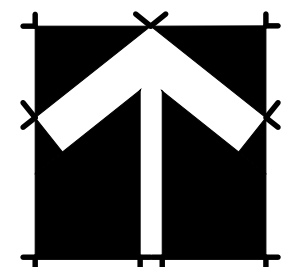
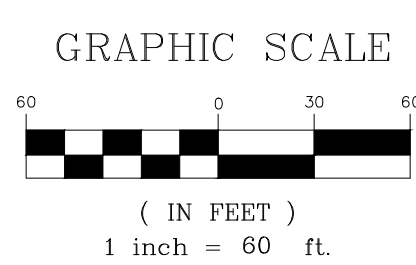
- 1530 CONTOUR ELEVATION
- FENCE
- ASPHALT
- GRAVEL
- EARTH
- EXISTING POWER POLE
- (P) SECURITY LIGHTS
- (P) SECURITY CAMERAS
- APN ASSESSOR'S PARCEL NUMBER
- APPROX APPROXIMATE
- DWY DRIVEWAY
- (E) EXISTING
- (P) PROPOSED
- RD ROAD
- SF SQUARE FEET

NOTES:

1. CONTOUR INTERVAL IS 10'

- (A) (E) GROUNDWATER WELL:
LAT: 38.491808°
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- (I) (P) PARKING / A.D.A.
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- (L) (P) 43,400 SF OUTDOOR CULTIVATION/CANOPY AREA
- (M) (P) FOUR - 8,000 GALLON WATER STORAGE TANKS

PROPOSED CONDITIONS SITE PLAN



Revisions:

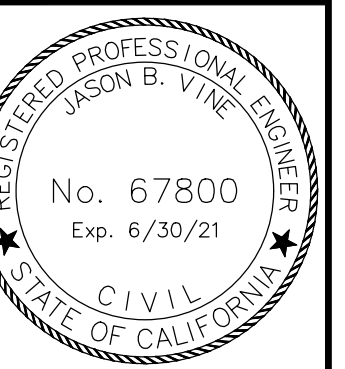
SECURITY SITE PLAN

25392/25372/25252/25322 JERUSALEM GRADE RD.
MIDDLETOWN, CA 95461
LAKE COUNTY - APN'S: 013-017-35/013-017-36/013-017-92/013-017-74

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DATE PLOTTED:
1/10/20
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JOB NUMBER:
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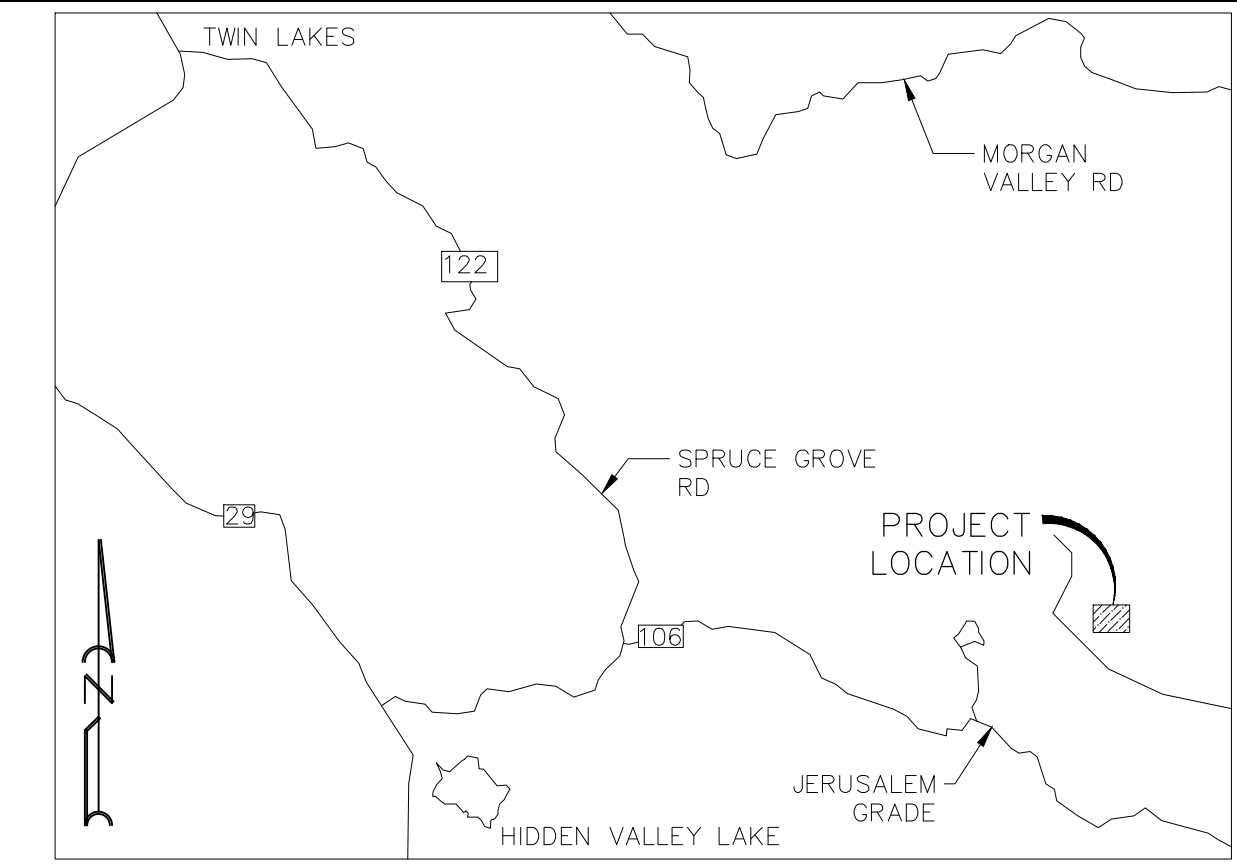
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REALM ENGINEERING
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25392/25372/25252/25322 JERUSALEM GRADE RD.
MIDDLETOWN, CA 95461 - LAKE COUNTY

APN'S: 013-017-35/013-017-36/013-017-92/013-017-74



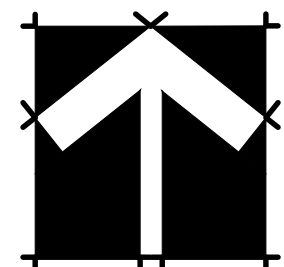
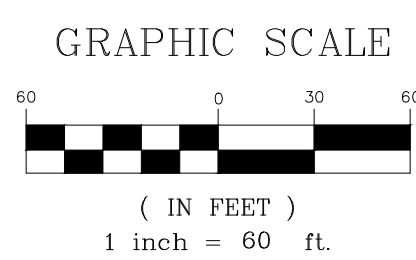
VICINITY MAP
NO SCALE



- LEGEND:**
- 1530 CONTOUR ELEVATION
 - FENCE
 - LIMITS OF DISTURBED AREA
 - ASPHALT
 - GRAVEL
 - EARTH
 - FLOOD ZONE
 - CREEK / SWALE
 - APN ASSESSOR'S PARCEL NUMBER
 - APPROX APPROXIMATELY
 - DWY DRIVEWAY
 - (E) EXISTING
 - (P) PROPOSED
 - RD ROAD
 - SF SQUARE FEET

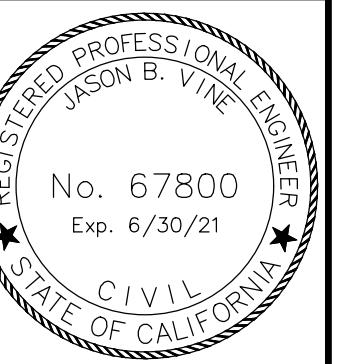
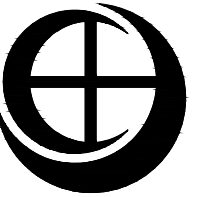
- NOTES:**
1. CONTOUR INTERVAL IS 10'
- (A) (E) GROUNDWATER WELL:
LAT: 38.491808°
LONG: -122.272733°
 - (B) EPHEMERAL CLASS III WATERCOURSE
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 - (E) (P) TWO - 8'x20' HARVEST STORAGE AREAS
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 - (J) (P) 14' WIDE ACCESS RD.
 - (K) (P) 10'x12' SECURITY SHED
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 - (M) (P) FOUR - 8,000 GALLON WATER STORAGE TANKS

CULTIVATION SITE PLAN WITH CANOPY



Revisions:

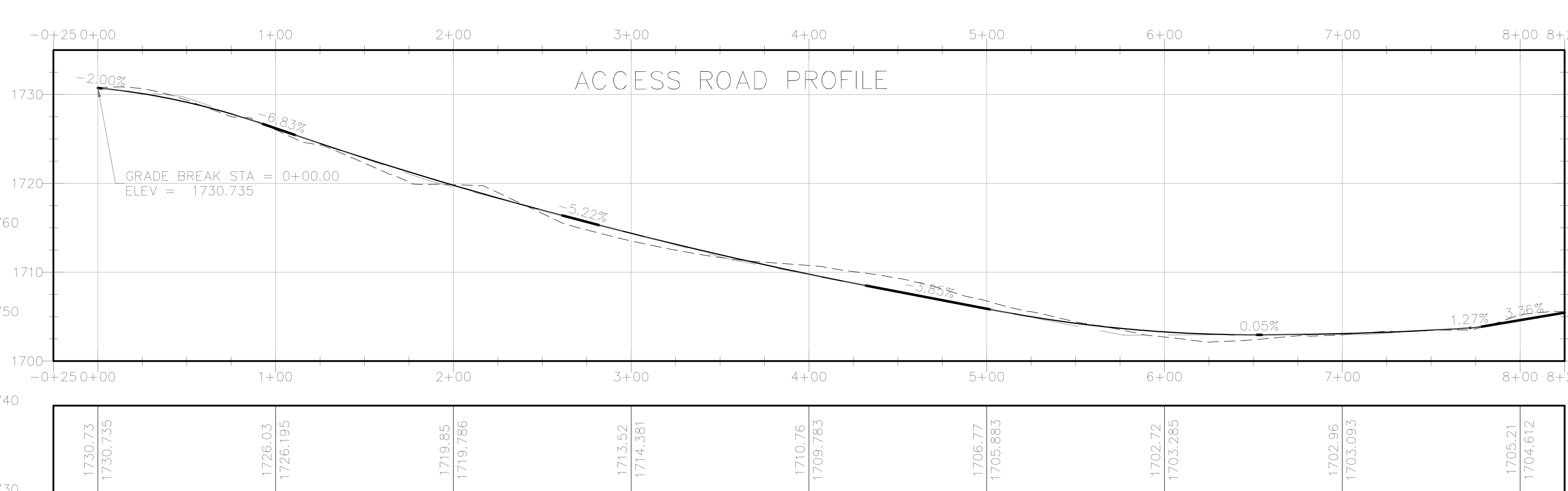
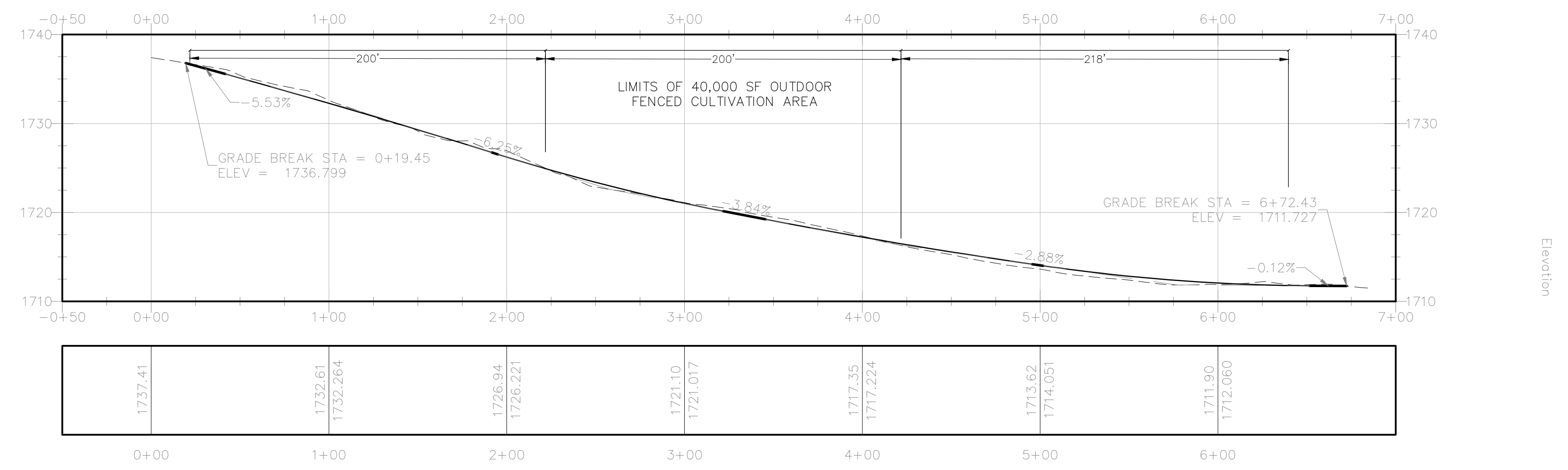
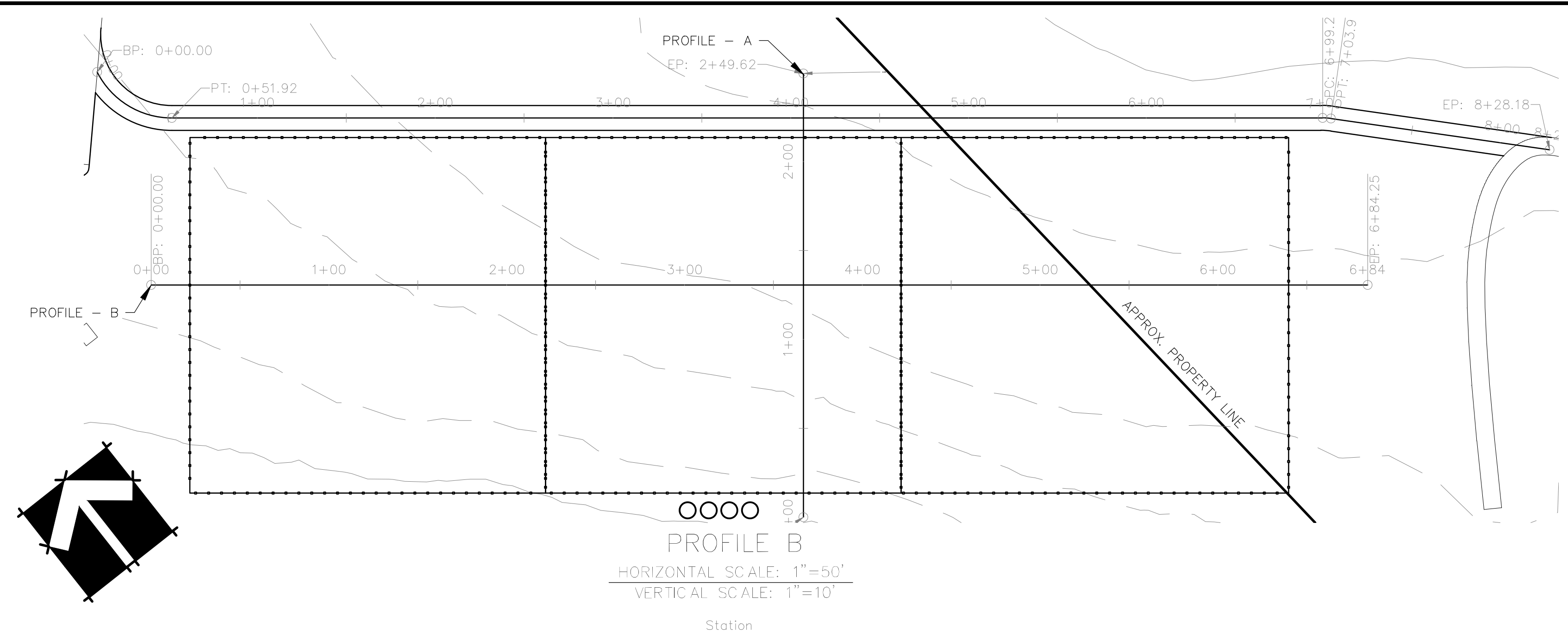
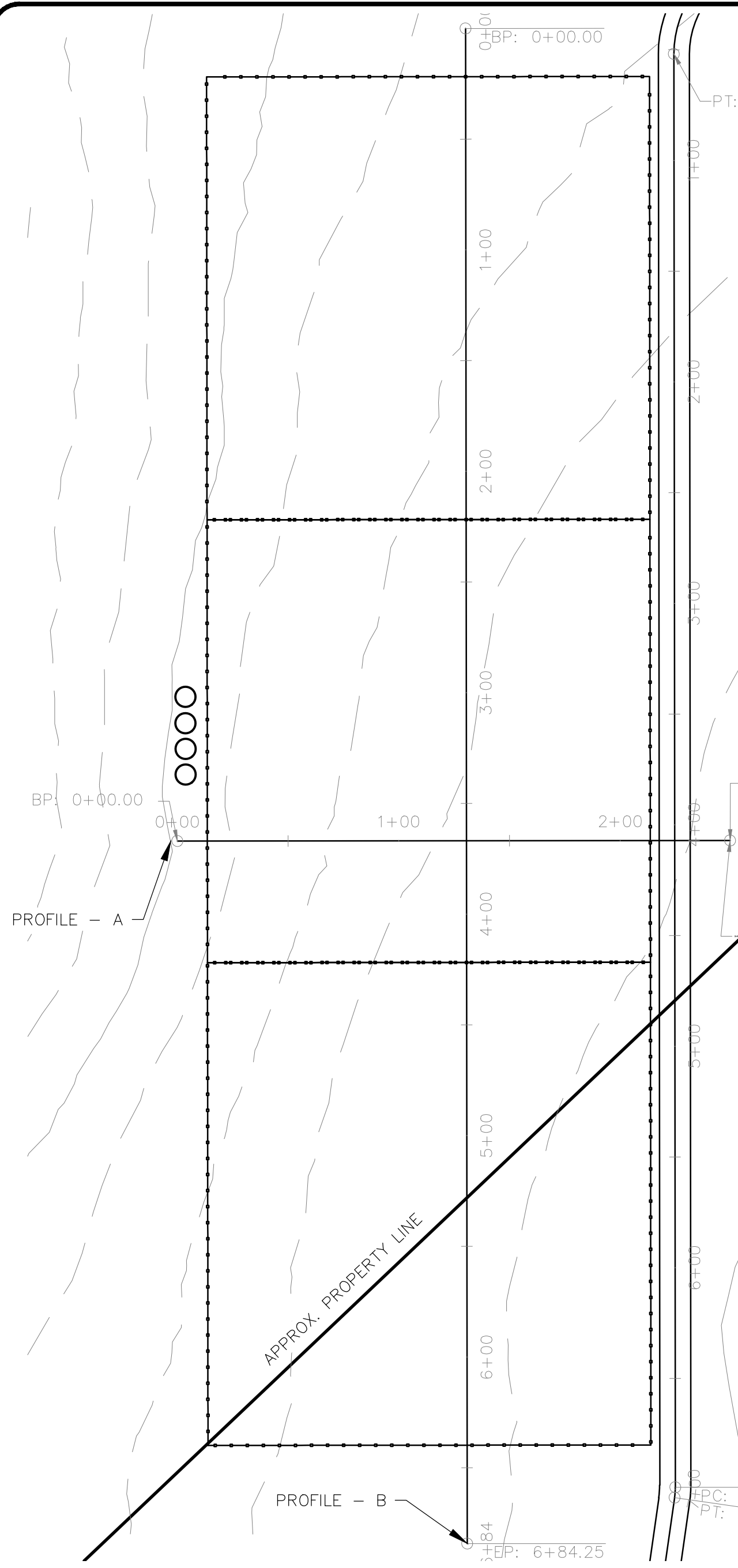
REALM ENGINEERING
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1767 MARKET STREET SUITE C
REDDING, CA. 96001
530-526-7493



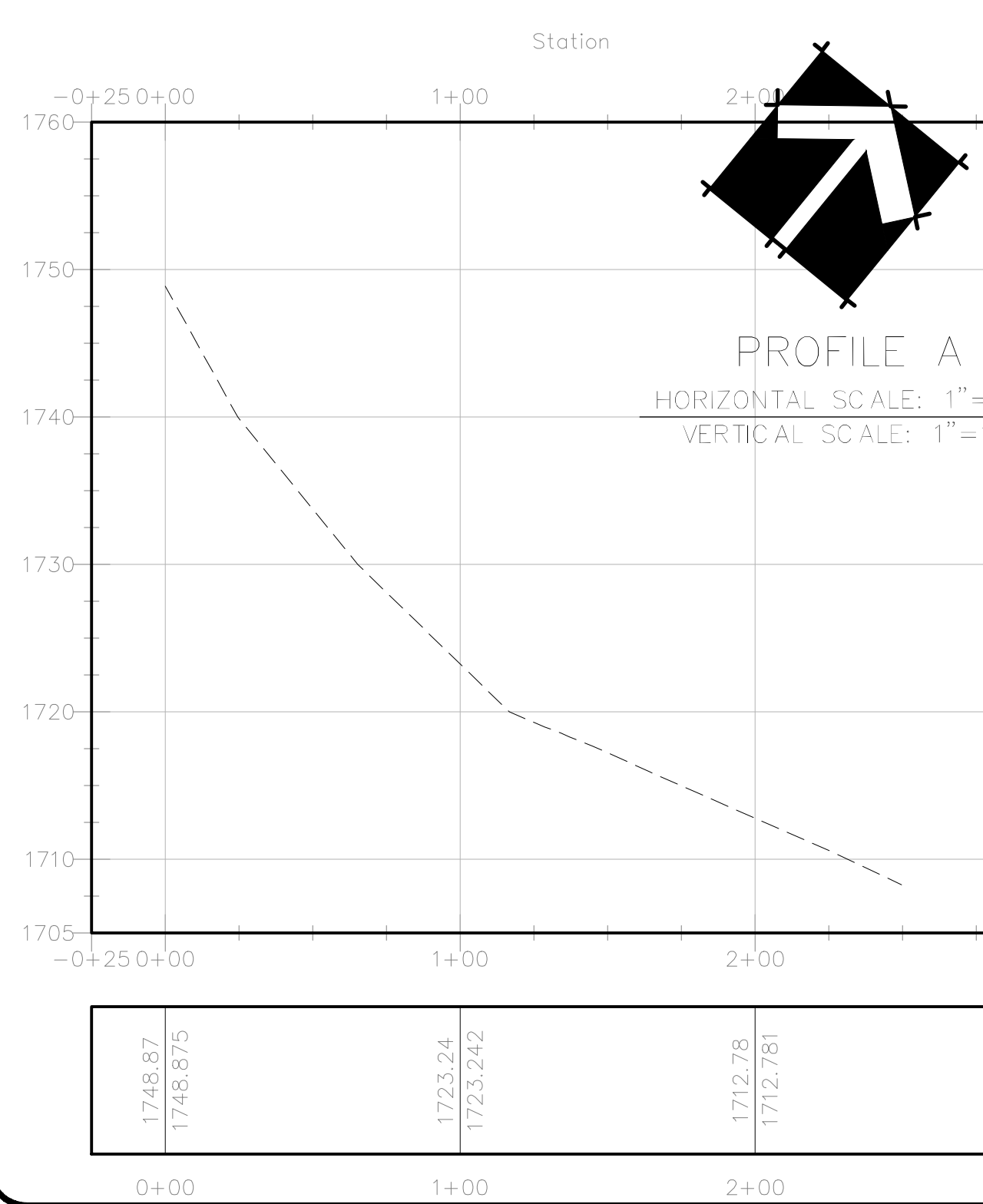
CULTIVATION SITE PLAN WITH CANOPY

25392/25372/25252/25322 JERUSALEM GRADE RD.
MIDDLETOWN, CA 95461
LAKE COUNTY - APN'S: 013-017-35/013-017-36/013-017-92/013-017-74

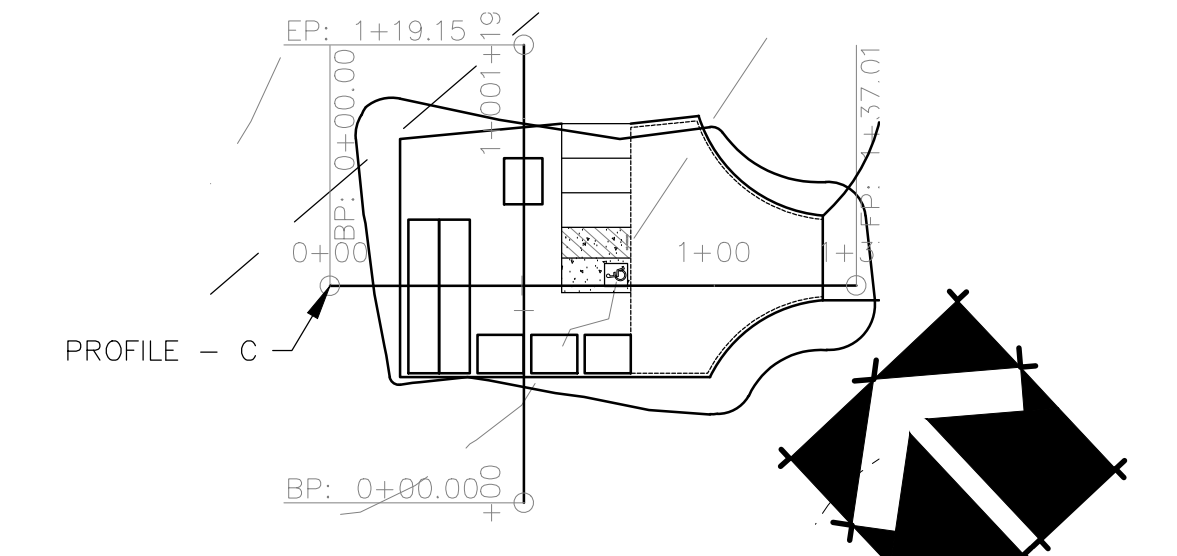
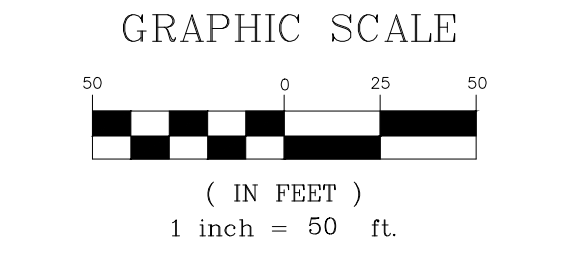
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DATE PLOTTED:
1/10/20
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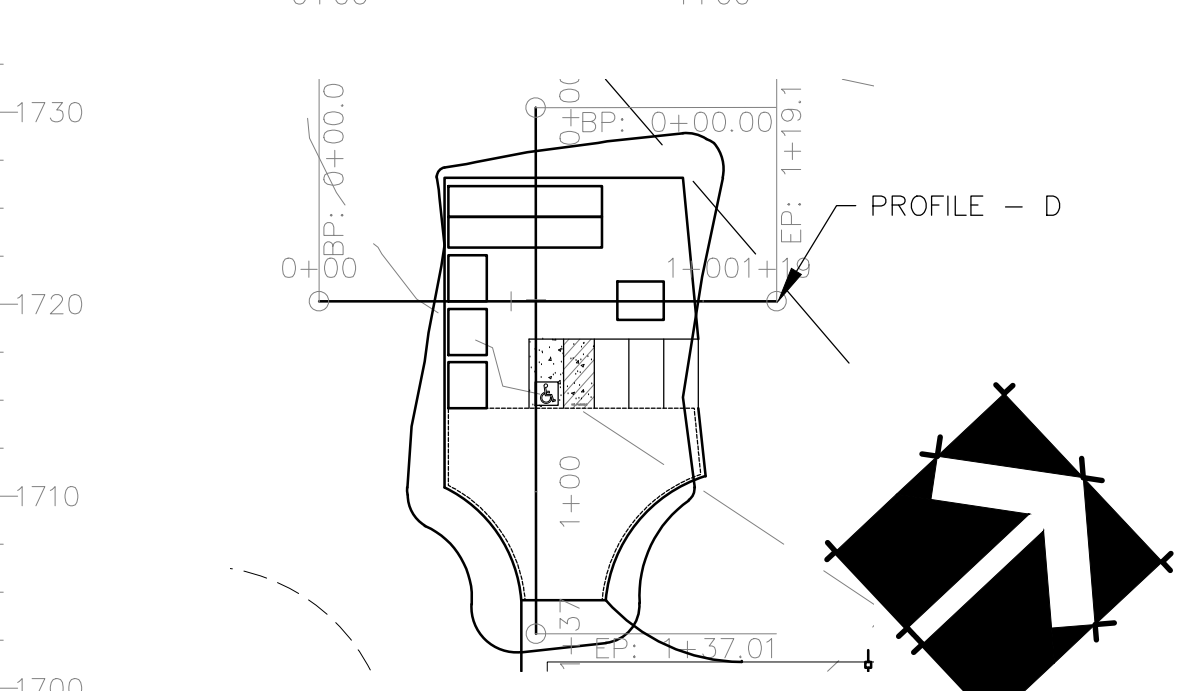
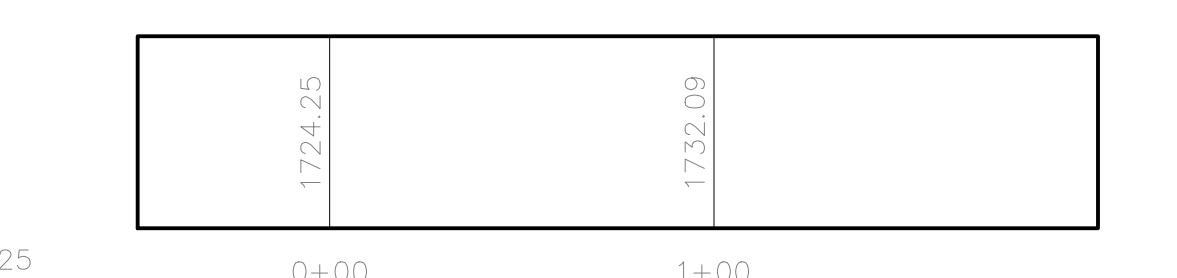
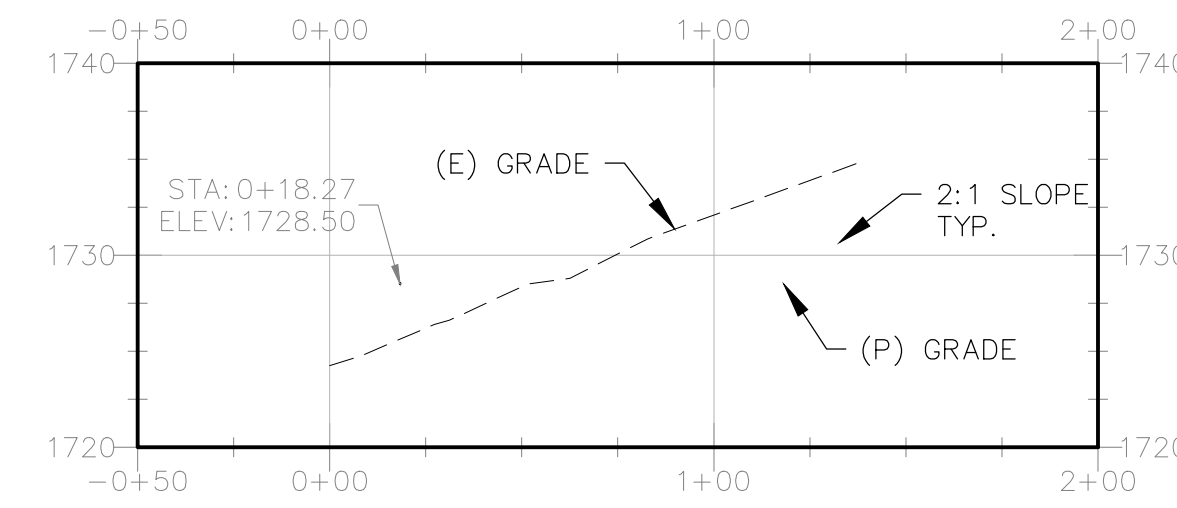
- GENERAL GRADING NOTES**
- CUT SLOPES SHALL BE NO STEEPER THAN 2:1 (HORIZONTAL TO VERTICAL). A GEOTECHNICAL REPORT MUST BE SUBMITTED FOR CUT SLOPES IN EXCESS OF 2:1.
 - FILL SLOPES SHALL BE NO STEEPER THAN 2:1 (HORIZONTAL TO VERTICAL). A GEOTECHNICAL REPORT MUST BE SUBMITTED FOR FILL SLOPES IN EXCESS OF 2:1.
 - THE SITE SHALL BE CLEARED AND GRUBBED OF ALL VEGETATION INCLUDING ROOTS, LOOSE FILL, TRASH AND OTHER DELETERIOUS MATERIALS. ANY HOLES OR VOIDS LEFT AFTER THE REMOVAL OF TREE ROOTS, SEPTIC TANKS, ABANDONED FOUNDATIONS, PIPE LINES OR THE LIKES SHALL BE FILLED AS SPECIFIED UNDER PLACEMENT OF FILL BELOW.
 - FILL MATERIALS SHALL BE COMPACTED TO A RELATIVE COMPACTION OF NOT LESS THAN 95% UNDER PAVED AREAS, AND 90% FOR ALL OTHER FILL AREAS. TEST RESULTS AND A DESCRIPTION OF THE TEST METHOD USED SUBMITTED BY A LICENSED CIVIL ENGINEER ARE REQUIRED AS EVIDENCE OF COMPLIANCE.
 - THE FACES OF ALL CUT AND FILL SLOPES SHALL BE PREPARED AND MAINTAINED TO CONTROL AGAINST EROSION. WHERE NECESSARY, BERMS, RIP-RAP OR OTHER DEVICES OR METHODS SHALL BE UTILIZED FOR EROSION CONTROL.
 - ALL GRADES SHALL BE STRAIGHT BETWEEN INDICATED POINTS WITH SMOOTH TRANSITIONS AT INDICATED POINTS.
 - CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE LAKE COUNTY DEPARTMENT OF PUBLIC WORKS PRIOR TO WORKING WITHIN THE COUNTY RIGHT OF WAY.
 - GRADING WORK WILL BE DONE IN A MANNER TO PREVENT STORM DAMAGE TO PUBLIC OR PRIVATE PROPERTY OF OTHERS BY FLOODING, EROSION, DEBRIS OR ANY OTHER DAMAGE RESULTING FROM THE GRADING WORK.
 - DUST GENERATION MUST BE MINIMIZED AND A WATER TRUCK MUST BE AVAILABLE ON-SITE FOR ADEQUATE DUST CONTROL.



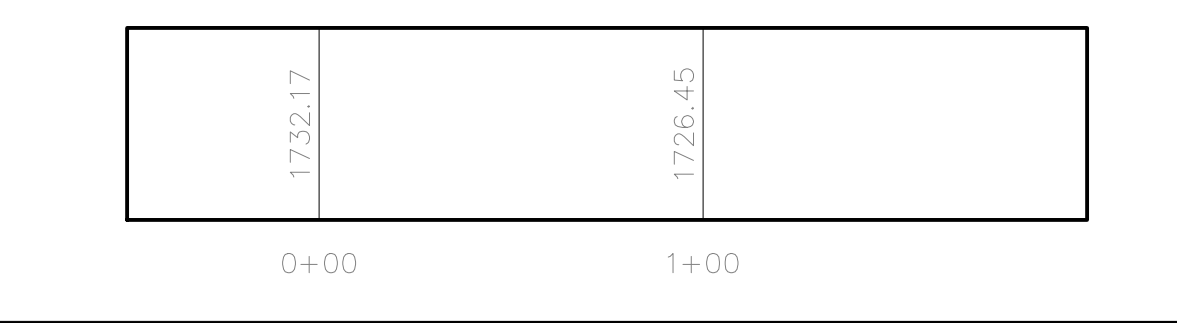
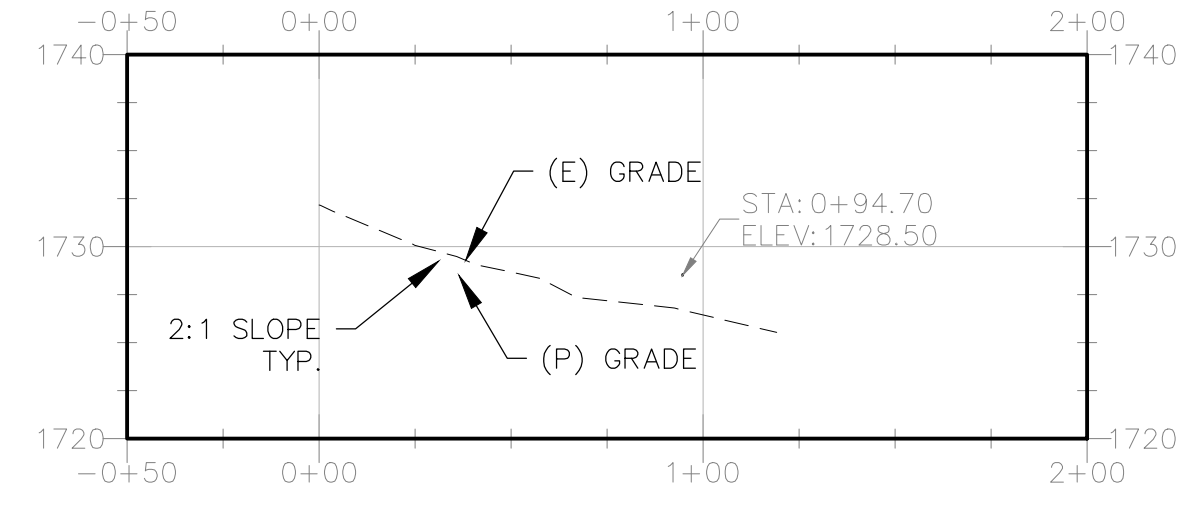
GRADING PLAN



PROFILE C
HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'



PROFILE D
HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'



Revisions:

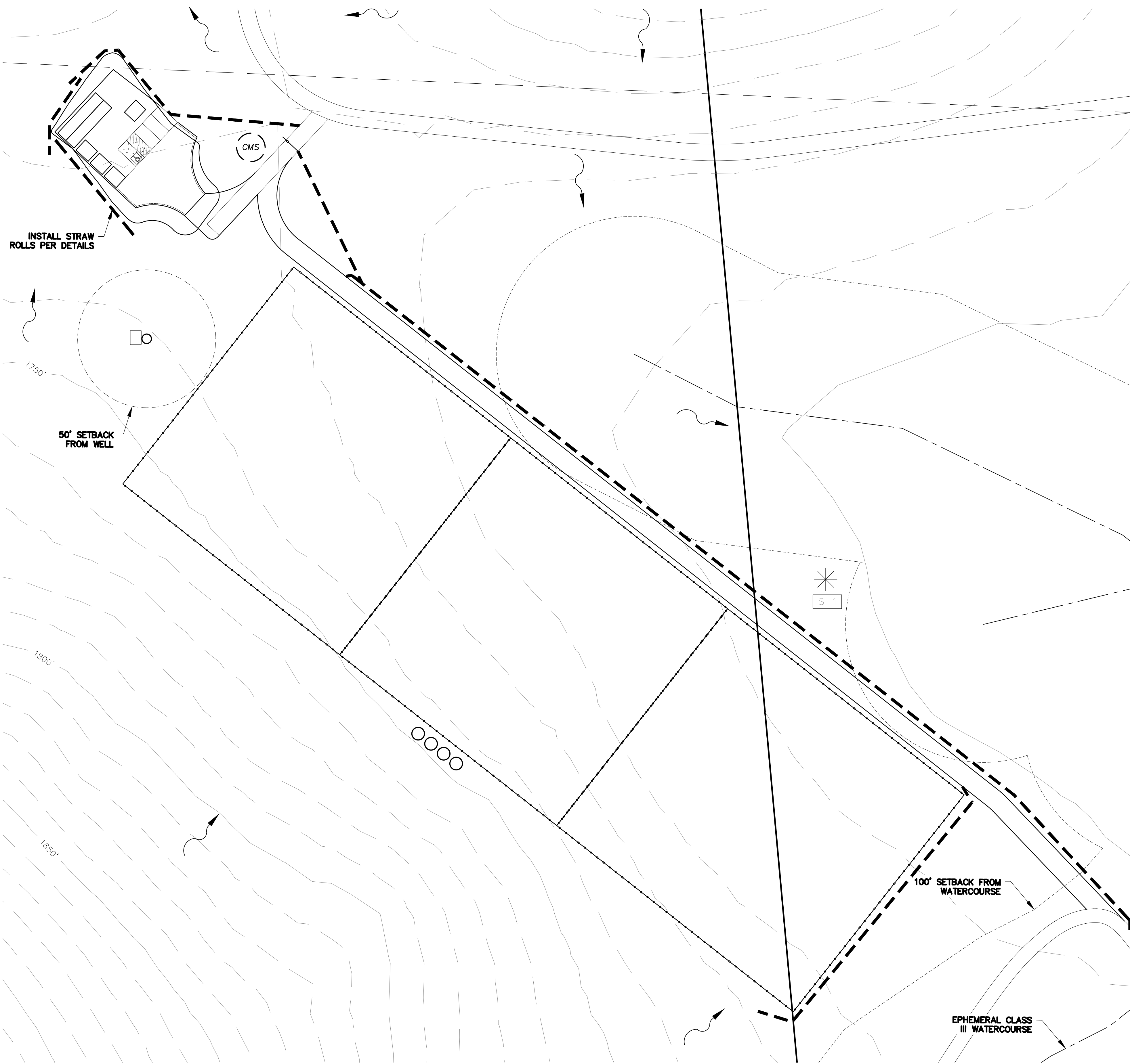
REALM ENGINEERING
CIVIL ENGINEERING, SURVEYING & PLANNING
1767 MARKET STREET SUITE C
REDDING, CA. 96001
530-526-7493

REGISTERED PROFESSIONAL ENGINEER
JASON B. VINE
No. 67800
Exp. 6/30/21
CIVIL
STATE OF CALIFORNIA

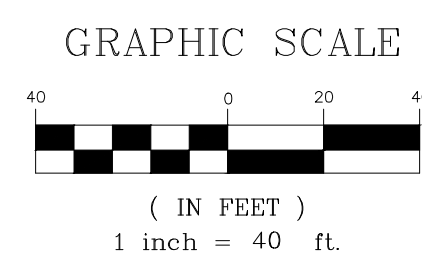
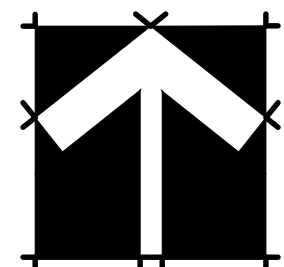
GRADING / PROFILES

25392/25372/25252/25322 JERUSALEM GRADE RD.
MIDDLETON, CA 95661
LAKE COUNTY - APNS: 013-017-35/013-017-36/013-017-42/013-017-74

PLOTTED BY: _____
DATE PLOTTED: 1/10/20
SCALE OF DRAWING: SEE PLAN
JOB NUMBER: _____
CADD FILE: _____
SHEET: 1



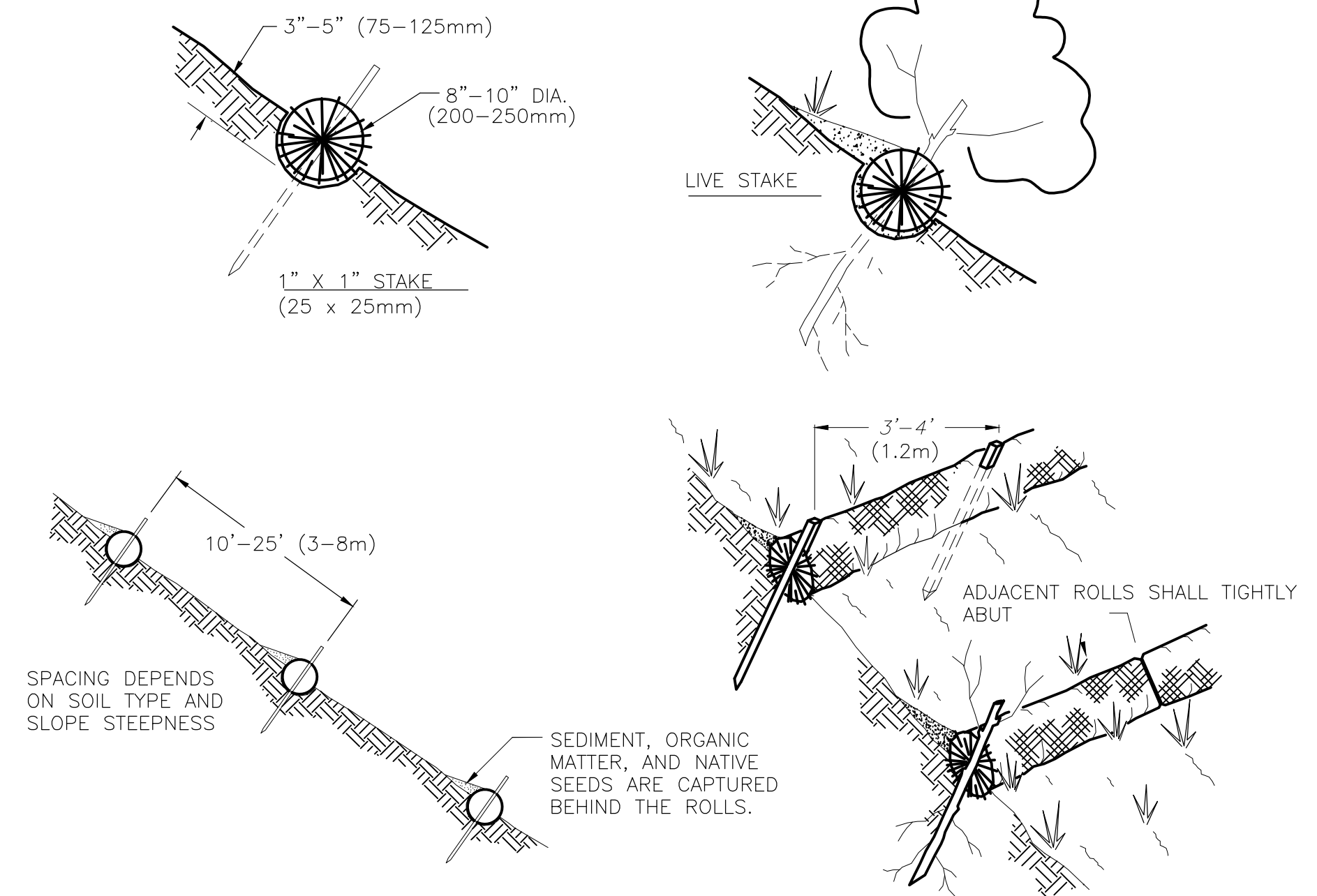
EROSION AND SEDIMENT CONTROL PLAN



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

STRAW ROLL DETAILS



EROSION AND SEDIMENT CONTROL GENERAL NOTES:

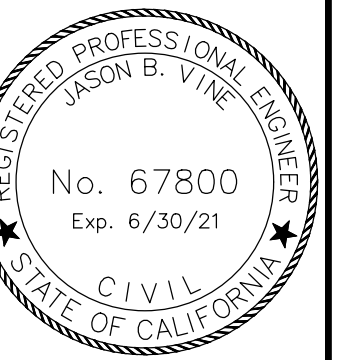
1. CONTRACTOR IS TO IMPLEMENT BEST MANAGEMENT PRACTICES (BMPs) TO CONTROL EROSION CONTROL AND REDUCE THE OFF-SITE DISCHARGE OF SEDIMENT TO THE MAXIMUM EXTENT PRACTICABLE.
2. EROSION CONTROL BMPs SHALL BE IN PLACE AND MAINTAINED ALL YEAR ROUND.
3. HE CONTRACTOR SHALL FOLLOW THE GUIDELINES FROM THE "CALIFORNIA 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.

LEGEND

- DRAINAGE PATTERNS
- STRAW ROLLS (ADJUST TO SUIT FIELD CONDITIONS)
- DISCHARGE POINT
- SAMPLING LOCATION
- CONSTRUCTION MATERIALS STORAGE AREA

Revisions:

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



EROSION AND SEDIMENT CONTROL PLAN

25392/25372/25252/25322 JERUSALEM GRADE RD.
 MIDDLETOWN, CA 95461
 LAKE COUNTY - APNS: 013-017-35/013-017-36/013-017-42/013-017-74

PLOTTED BY:

 DATE PLOTTED:
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 SEE PLAN
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 CADD FILE:

SHEET:
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