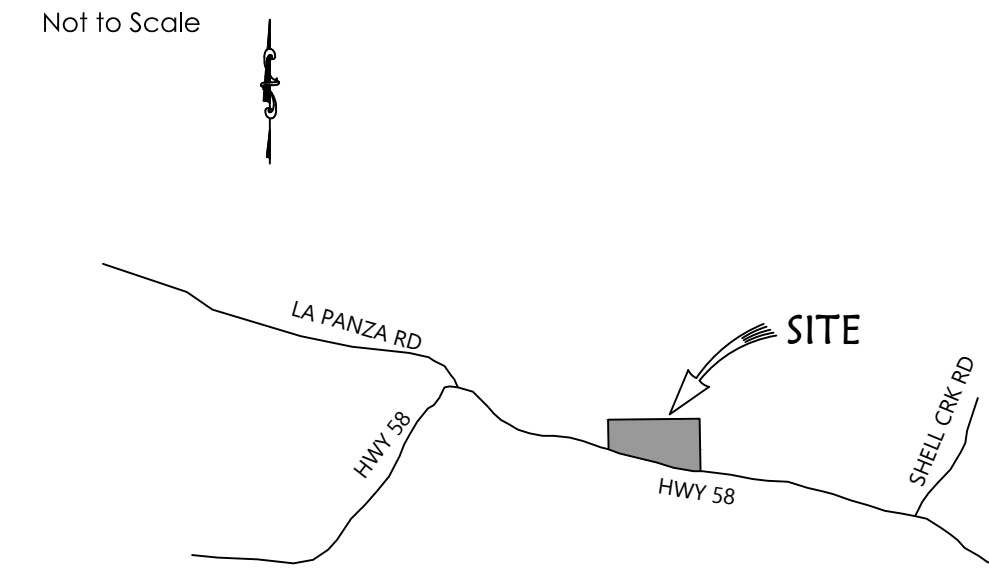


VICINITY MAP

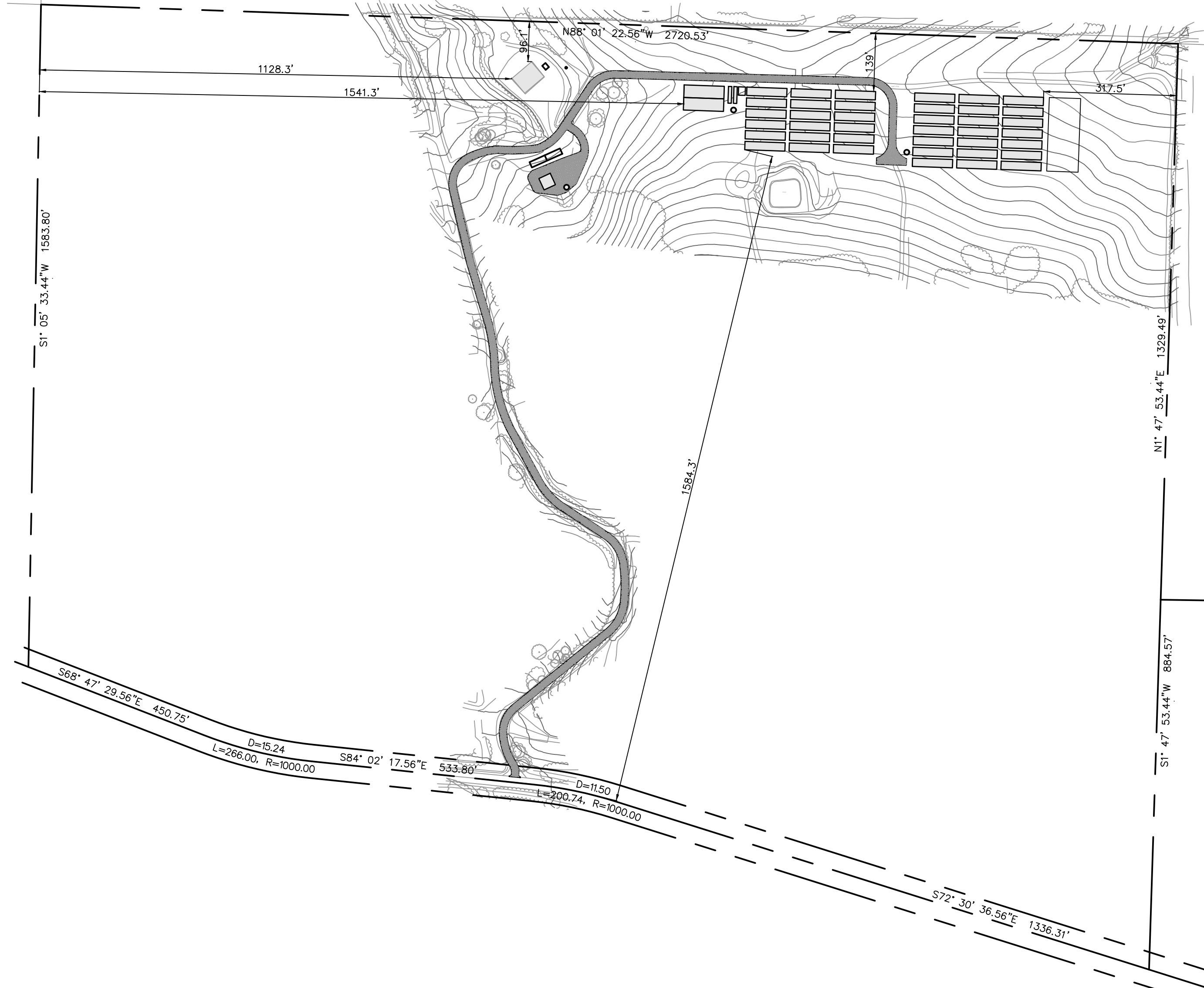


Hernandez - 248 Carrisa Hwy - Santa Margarita - Grading, Drainage, & Erosion Control Plan

PROJECT DESCRIPTION: Green House Construction and Agricultural Facilities for Cannabis Cultivation

SITE MAP

SCALE: 1" = 200'



BENCHMARK

THE BASIS OF ELEVATIONS FOR THIS SURVEY IS NAVD88, ACCORDING TO GPS OBSERVATION AND POST PROCESSING CALCULATION PROVIDED BY NATIONAL GEODETIC SURVEY OPUS SOFTWARE.

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS GRID NORTH, CALIFORNIA STATE PLANE COORDINATE SYSTEM, ZONE 5, ACCORDING TO GPS OBSERVATION AND POST PROCESSING CALCULATION PROVIDED BY NATIONAL GEODETIC SURVEY OPUS SOFTWARE.

SURVEYOR

DAKOS LAND SURVEYS
7400 MORRO ROAD
ATASCADERO, CA 93422
(805) 466-2445

OWNER

JONATHAN HERNANDEZ
248 CARRISA HWY
SANTA MARGARITA, CA 93453

APPLICABLE CODES

- 2016 Building Standards Codes
- California Energy Code
- California Building Code, Vols 1 & 2
- California Electrical Code
- California Fire Code
- California Green Building Code
- California Mechanical Code
- California Plumbing Code
- California Reference Standards Code
- California Residential Code County Building and Construction Ordinance - Title 19
- County Coastal Zone Land Use Ordinance - Title 23
- County Fire Code Ordinance - Title 16
- County Land Use Ordinance - Title 22

PROJECT STATISTICS

Cut 2102 CY±, Fill 1653 CY±, Total 3755 CY±
Max. cut = 6 ft, Max. fill = 5 ft
Average slope > 10%
Parcel Area = 315 ac±
Pre-Project (sf ±)
Impervious Area = 303,857, Total Project Area = 101,071
Post-Project (sf ±)
Total Impervious Area = 900 Pervious Area = 100,171
New Imp. Area = 900, Removed Imp. Area = 0
Replaced Imp. Surface = 0
Total Site Disturbance = 101,071

APN(s): 037-391-030

	MANDATORY SITE DESIGN MEASURES (SELECT AT LEAST ONE)	SELECTED	REASON, IF NOT SELECTING	HANDBOOK SECTION
a.	Roof runoff directed into cisterns or rain barrels for reuse?	optional	At owner's discretion	5.2.1
b.	Roof runoff directed into vegetated areas (safely away from building foundations and footings)?	yes		5.2.2
c.	Runoff from sidewalks, walkways, and/or patios directed onto vegetated areas (safely away from the building foundations and footings)?	yes		5.2.3
d.	Runoff from driveways and/or uncovered parking lots onto vegetated areas (safely away from the building foundations and footings)?	yes		5.2.4
e.	Construct bike lanes, driveways, uncovered parking lots, sidewalks, walkways, and patios with permeable surfaces?	N/A		5.2.5

GENERAL NOTES

- No construction shall be started without plans approved by the County Building Department. The Building Department shall be notified at least 24 hours prior to starting of construction and of the time location of the preconstruction conference. Any construction performed without approved plans or prior notification to the Building Department will be rejected and will be at the contractor's and/or owner's risk.
- For any construction performed that is not in compliance with plans or permits approved for the project the Building Department may revoke all active permits and recommend that County Code Enforcement provide a written notice or stop work order in accordance with Section 22.52.140 [23.10] of the Land Use Ordinance.
- All construction work and installations shall conform to the most current County of San Luis Obispo Public Improvement Standards and all work shall be subject to the approval of the Building Department.
- The project owner and contractor shall be responsible for providing and/or maintaining all weather access at all times to existing properties located in the vicinity of work. Additionally, they shall be responsible for maintaining all existing services, including utility, garbage collection, mail distribution, etc., to all existing properties located in the vicinity of work.
- On-site hazards to public safety shall be shielded by construction fencing. Fencing shall be maintained by the project owner and contractor until such time that the project is completed and occupied, potential hazards have been mitigated, or alternative protective measures have been installed.
- Soils tests shall be done in accordance with the County Public Improvement Standards, Section 3.2.3. All tests must be made within 15 days prior to the placing material. The test results shall clearly indicate the location and source of the material.
- Roadway compaction tests shall be made on subgrade material, aggregate base material, and material as specified by the Soils Engineer. Said tests shall be made prior to the placement of the next material lift.
- Subgrade material shall be compacted to a relative compaction of 95% in the zone between finished subgrade elevation and a minimum of 1-foot below. All material in fill sections below the zone mentioned above shall be compacted to 90% relative compaction.
- A registered civil engineer shall certify that the improvements when completed are in accordance with the plans prior to the request for a final inspection. Record Drawings shall be prepared after construction is completed. The civil engineer certifying the improvements and preparing as-built plans may be present when the final inspection is made by the County.
- An Engineer of Work Agreement and an Engineer Checking and Inspection Agreement are required prior to the start of construction. The Building Department shall be notified in writing of any changes to the Engineer of Work Agreement. Construction shall not proceed without an Engineer of Work.
- All utility companies shall be notified prior to the start of construction.
- A County Encroachment Permit is required for all work done within the County right-of-way. The Encroachment Permit may establish additional construction, utility and traffic control requirements.
- The County Inspector acting on behalf of the County Building Department may require revisions in the plans to solve unforeseen problems that may arise in the field. All revisions shall be subject to the approval of the Developer's Engineer of Work.
- The structural section shall be based on soils tests taken at the time of construction and using a Traffic Index of for (road name). The structural section shall be approved by the Building Department prior to road construction.
- Hydro-seeding or other permanent erosion control shall be placed and established with 90% coverage on all disturbed surfaces (other than paved or gravel surfaces) prior to the final inspection.
- For any public improvements to be maintained by the County, if environmental permits from the U.S. Army Corps of Engineers, the California Regional Water Quality Control Board/State Water Resources Control Board, or the California Department of Fish & Game are required, the Developer shall: a. submit a copy of all such completed permits to the County Building Department OR, b. document that the regulatory agencies determined that said permit is not required; prior to acceptance of the completed improvements for County maintenance and release of improvement security. Any mitigation monitoring required by said permits will remain the responsibility of the Developer.
- When the project site earthwork is not intended to balance then a separate grading permit for the sending or receiving property may be required. A copy of the permit/s or evidence that no permits are required shall be submitted to the Department prior to commencing project earthwork.
- A final report from the designing engineer is required for the engineered leach field design.

GRADING NOTES

- All grading construction shall conform to the applicable codes as noted under "Applicable Codes" heading.
- The developer shall be responsible for scheduling a pre-construction meeting with the County and other affected agencies. The contractor shall notify the County Building Department at least 24 hours prior to any work being performed, and arrange for inspection.
- Grading shall comply with the recommendations of the soils report by TBD.
- Estimated earth quantities:
Cut: 2102 CY± Fill: 1653 CY±
Note: exact shrinkage, consolidation, and subsidence factors and losses due to clearing operations are not included. Estimated earthwork quantities are based upon the difference between existing ground surface and proposed finish grades, or sub grades as shown on the plan, and should vary according to these factors. The contractor shall be responsible for site inspection and quantity take off, and shall bid accordingly.
- Soils engineer to determine the soil is suitable to support the intended structure. Such report including progress and/or compaction reports shall be submitted to the field inspector prior to final inspection when a soils report is obtained. The County policy regarding pad certification shall be followed. When applicable the engineer shall observe the grading operation(s) and provide the field inspector with required compaction reports and a report stating that the grading performed has been observed and is in conformance with the UBC and County ordinances.
- No cut or fill slopes will be constructed steeper than two horizontal to one vertical (2:1).
- Dust control is to be maintained at all times during construction.
- Areas of fill shall be scarified, benched and recompact prior to replacing fill and observed by a soil or civil engineer.
- Fill material will be recompact to 90% of maximum density.
- Remove any deleterious material encountered before placing fill.
- All disturbed areas shall be hydro seeded or planted with approved erosion control vegetation as soon as practical after construction is complete.
- Minimum setback to creeks and bluffs shall be maintained. Minimum setback of two feet from all property lines will be maintained for all grading.
- Minimum slope away from buildings shall be 5% for the first ten feet around perimeter.
- The contractor shall be responsible for the protection of all existing survey markers during construction. All such monuments or markers disturbed shall be reset at the contractor's expense.
- All contractors and subcontractors working within the right of way shall have an appropriate contractor's license, a local business license, and shall obtain an encroachment permit.
- Engineering reports for cut or fill slope steeper than 2:1 shall be submitted to the field inspector.

UNDERGROUND UTILITY NOTES

- An effort has been made to define the location of underground facilities within the job site. However, all existing utility and other underground structures may not be shown on this plan and their location where shown is approximate. The construction contractor agrees that he shall assume sole and complete responsibility for locating or having located all underground utilities and other facilities and for protecting them during construction.
- All utility companies must be notified prior to the start of construction. The construction contractor shall contact underground service alert (USA) at 811 two to ten days prior to the start of excavation and shall verify the location of any known utilities and whether or not a representative of each company will be present during excavation.



Roberts Engineering
Timothy P. Roberts
Civil Engineer - RCE 35366
2015 Vista de la Vina
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Phone (805) 239-0664
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Website.robertsenginc.com

Timothy P. Roberts, RCE 35366 exp 09/30/21	Date
Revisions This Sheet:	
1	
2	
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Roberts Engineering, Inc.		
Hernandez - 248 Carrisa Hwy - Santa Margarita		
Title Sheet		
Design/Drawn TR / SEB	County Plan Checker	Approved for County Requirements
Job # 19-132	County W.O. No.	Development Services Engineer Date 2/26/2020
California Coordinates (CCS83, Zone 5) 2364011 N 5856492 E	County Road #	Date Timothy P. Roberts, RCE 35366 exp 09/30/21
		of 11

EROSION CONTROL NOTES

- 1. The site shall be maintained as to prevent flow of sediments from the project.
2. All areas over 5% grade which are disturbed by grading activities shall be hydroseeded with an approved perennial mix prior to final acceptance.
3. Erosion control and sediment control measures shall be provided for any site work.
4. Erosion control and sediment control measures shall be provided after construction is completed until permanent measures are in place.
5. During rainy season, all paved areas shall be kept clear of soil and debris.
6. All erosion protection measures shall be inspected and repaired as necessary at the end of each work day, and after each rainfall event.
7. An erosion control plan shall be prepared and approved by the County Engineer.
8. All projects involving site disturbance of one acre or greater shall comply with the requirements of the National Pollutant Discharge Elimination System (NPDES).
9. Hydro Seeding Specifications:
Seed Mix: 20 LB/AC BROMUS CARINATUS CUCAMONGA SEED MIX
8 LB/AC FESTUCA MICROSTACHYS SEED MIX
3 LB/AC TRIFOLIUM WILLDENOVII SEED MIX

Mulch/Fertilizer/Binder:
1500 LB/AC WOOD FIBER MULCH
300 LB/AC 15/15/15 FERTILIZER
100 LB/AC ECOLOGY CONTROL M-BINDER TACKIFIER

SPECIAL INSPECTIONS

- 1. All construction & inspections shall conform to 2019 California Building Code (CBC) Chapter 17.
2. Special inspection requirements are required for this project, the owner or registered design professional in responsible charge acting as the owner's agent shall employ one or more special inspectors to provide inspections during construction on all tasks identified below.
3. Special inspectors shall be a qualified person who shall demonstrate competence, to the satisfaction of the County Building Department, Names and qualifications of special inspector(s) shall be submitted to the County Building Department for approval.
4. Each contractor responsible for the construction of components listed in the special inspections shall submit a written statement of responsibility to the County Building Department and the owner prior to the commencement of work.
5. A final report prepared by a soil or civil engineer shall be submitted to the field inspector stating the work performed is in substantial conformance with the approved plans, applicable codes, and is found to be suitable to support the intended structure.

Section 1705. Statement of Special Inspections:

- 1705.1 General. Where special inspection or testing is required by Section 1704, 1707 or 1708, the registered design professional in responsible charge shall prepare a statement of special inspections in accordance with Section 1705 for submittal by the permit application (see Section 1704.1.1).
1705.2 Content of statement of special inspections. The statement of special inspections shall identify the following:
a) The materials, systems, components and work required to have special inspection or testing by the building official or by the registered design professional for each portion of the work.
b) The type and extent of each special inspection.
c) The type and extent of each test.
d) Additional requirements for special inspection or testing for seismic or wind resistance as specified in Section 1705.3, 1705.4, 1707 or 1708.
e) For each type of special inspection, identification as to whether it will be continuous special inspection or periodic special inspection.

Section (table) 1705.6 Required Verification and Inspection of Soils.

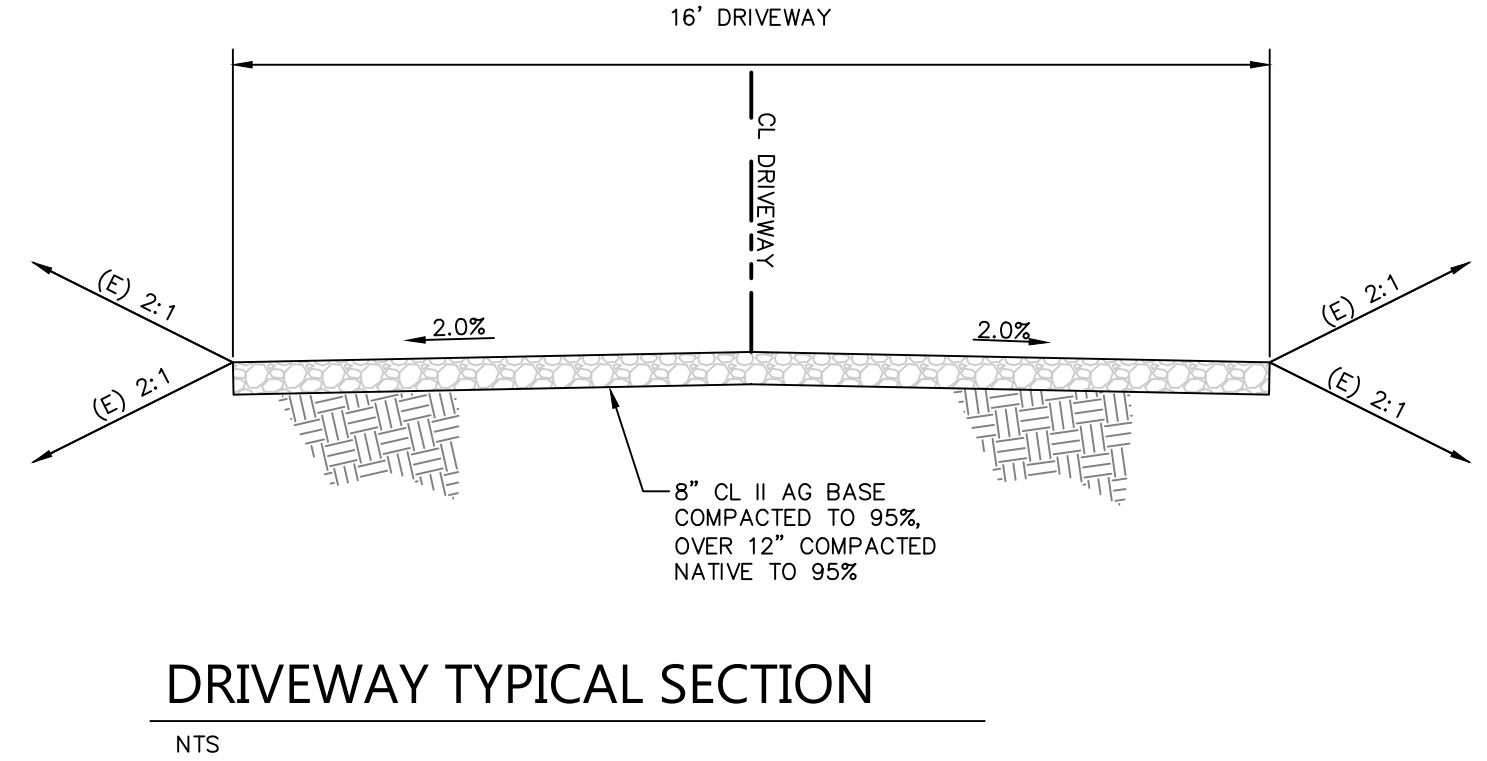
- Verify materials below footings are adequate to achieve the design bearing capacity shall be performed periodically during task.
Verify excavations are extended to proper depth and have reached proper material, shall be performed periodically during task.
Perform classification and testing of controlled fill materials, shall be performed periodically during task.
Verify use of proper materials, densities and lift thicknesses during placement and compaction of controlled fill, shall be performed continuously during task.
Prior to placement of controlled fill, observe subgrade and verify that site had been prepared properly, shall be performed periodically during task.

Observation & Testing Program.

The project soils engineer shall perform the inspection & testing for the following tasks:
Final plans
Stripping and clearing of vegetation
Recompaction of scarification soils
Fill placement and compaction
Over excavating
Verification of soils type & depth
Final report
The soil engineer of work shall be TBD
The project engineer of work shall perform the inspection for the following tasks:
Rough grading & site preparation
Final grading inspection prior to final County inspection
Determine that grading was performed within substantial conformance with the approved plan, and is suitable to support the intended structure.
The project engineer of work shall be Tim Roberts of Roberts Engineering, Inc., RCE 35366, 2015 Vista de la Vina, Templeton, CA 93465, phone (805) 239-0664
The Engineer or work shall state in writing the work is in substantial conformance with the approved plans.
The person responsible for BMP inspection is Johnathan Hernandez

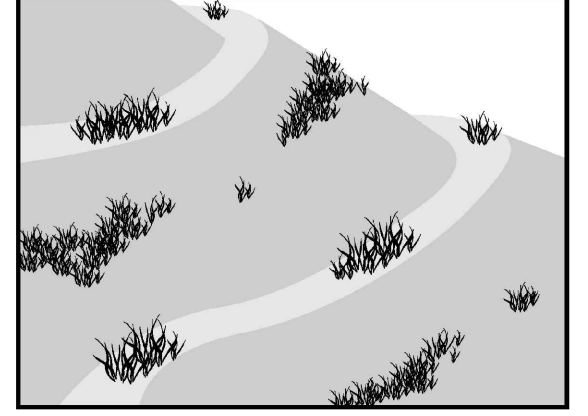
TREE PROTECTION NOTES

- Trees within 20 feet of grading or trenching shall be protected by placement of protective fencing as indicated.
Protective fencing shall be four feet high chain link or safety fence, and shall be placed at the dripline unless otherwise indicated.
Trenching and excavation within tree driplines shall be hand dug or bored to minimize root disturbance. Any root encountered 1" diameter or greater, shall be hand cut and appropriately treated.
Pruning of lower limbs in the construction area shall occur prior to construction activities to minimize damage.
Tree protection fencing shall remain in place until the completion of construction.
No vehicle parking or storage of materials under oak canopies.



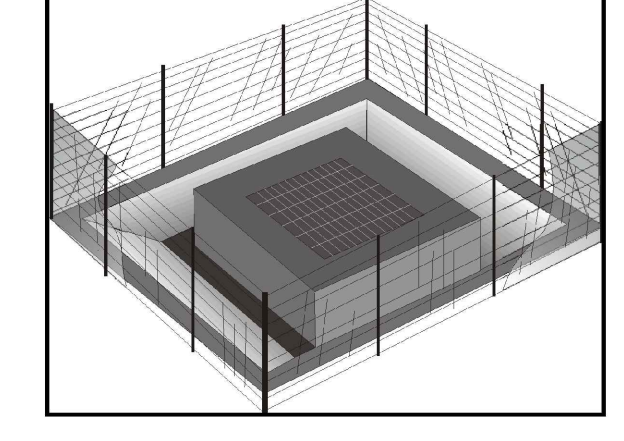
DRIVEWAY TYPICAL SECTION NTS

Hydroseeding EC-4



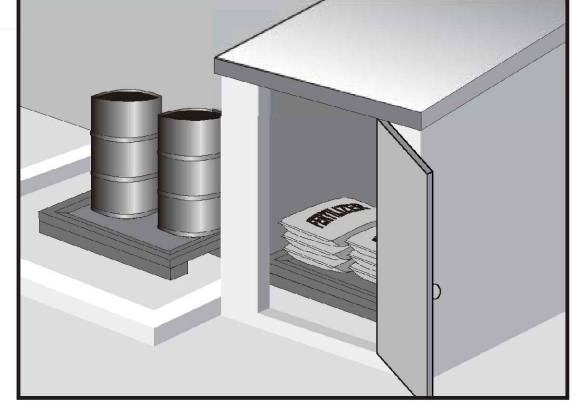
Description and Purpose: Hydroseeding typically consists of applying a mixture of a hydraulic mulch, seed, fertilizer, and stabilizing emulsion with a hydraulic mulcher, to temporarily protect exposed soils from erosion by water and wind.
Suitable Applications: Hydroseeding is suitable for disturbed areas requiring temporary protection until permanent stabilization is established.
Potential Alternatives: EC-3 Hydraulic Mulch, EC-5 Soil Binders, EC-8 Straw Mulch, EC-7 Geotextiles and Mats, EC-8 Wood Mulching, EC-14 Compost Barklet, EC-19 Non-Vegetative Stabilization.

Storm Drain Inlet Protection SE-10



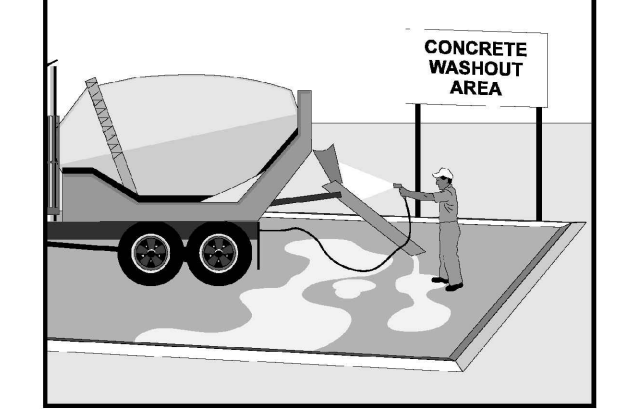
Description and Purpose: Storm drain inlet protection consists of a sediment filter or an impounding area in, around or upstream of a storm drain, drop inlet, or curb inlet.
Suitable Applications: Every storm drain inlet receiving runoff from unsheltered or otherwise active work areas should be protected.
Limitations: Drainage area should not exceed 1 acre. In general straw bales should not be used as inlet protection. Requires an adequate area for water to pond without encroaching into portions of the roadway subject to traffic.

Material Delivery and Storage WM-1

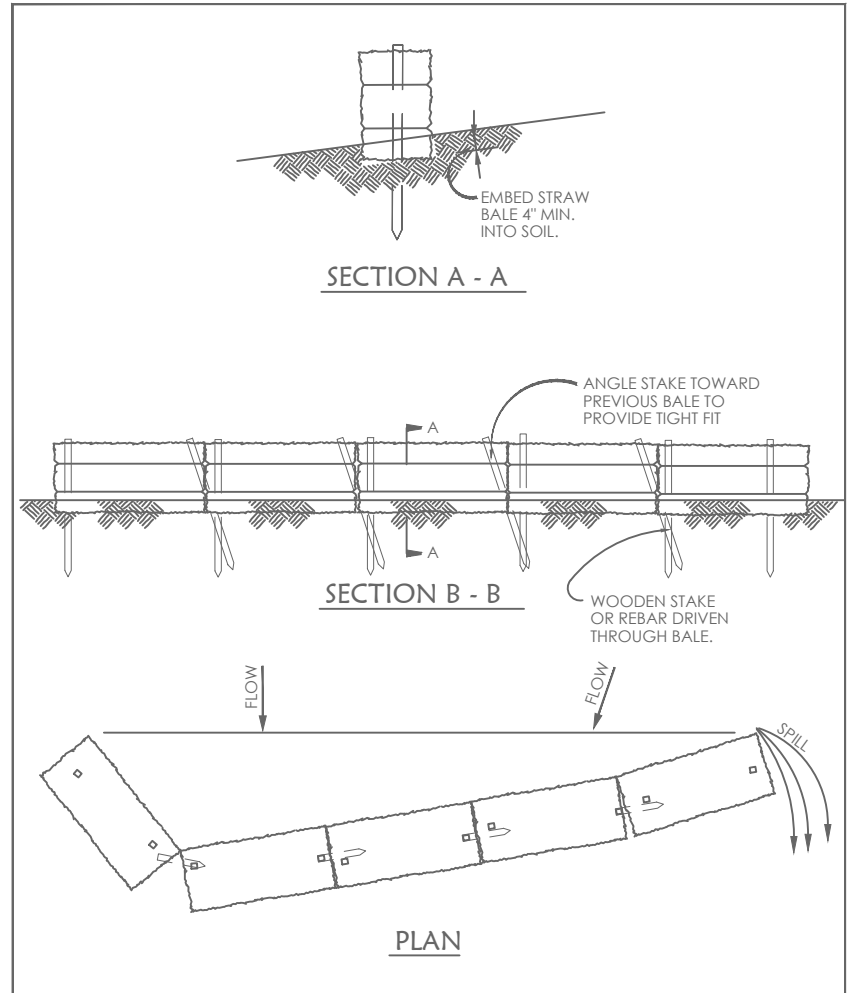


Description and Purpose: Prevent, reduce, or eliminate the discharge of pollutants from material delivery and storage to the storm-water system or watercourses by minimizing the storage of hazardous materials onsite.
Suitable Applications: These procedures are suitable for use at all construction sites with delivery and storage of the following materials:
Soil stabilizers and binders
Pesticides and herbicides
Fertilizers
Detergents
Plaster
Petroleum products such as fuel, oil, and grease

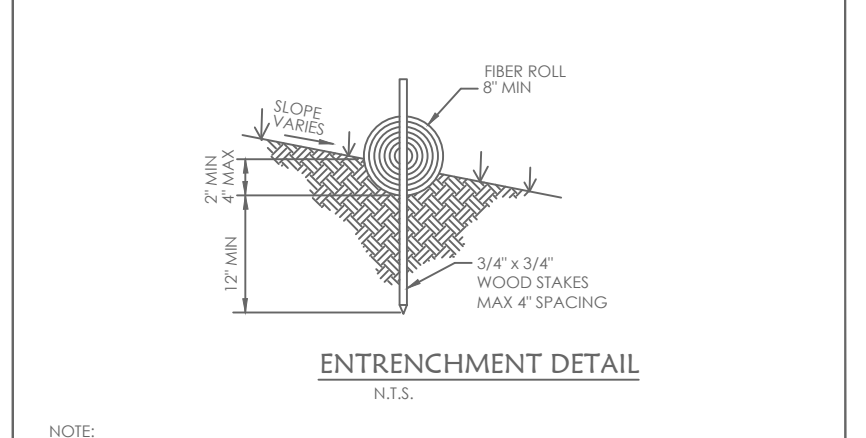
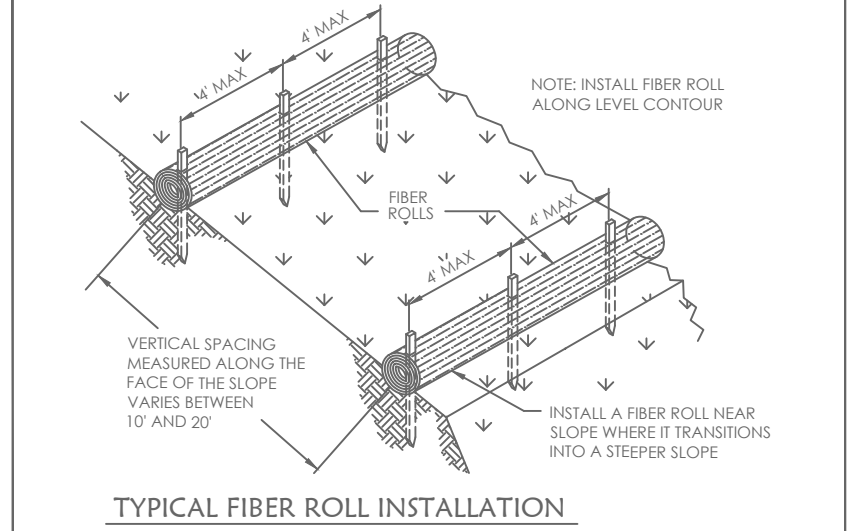
Concrete Waste Management WM-8



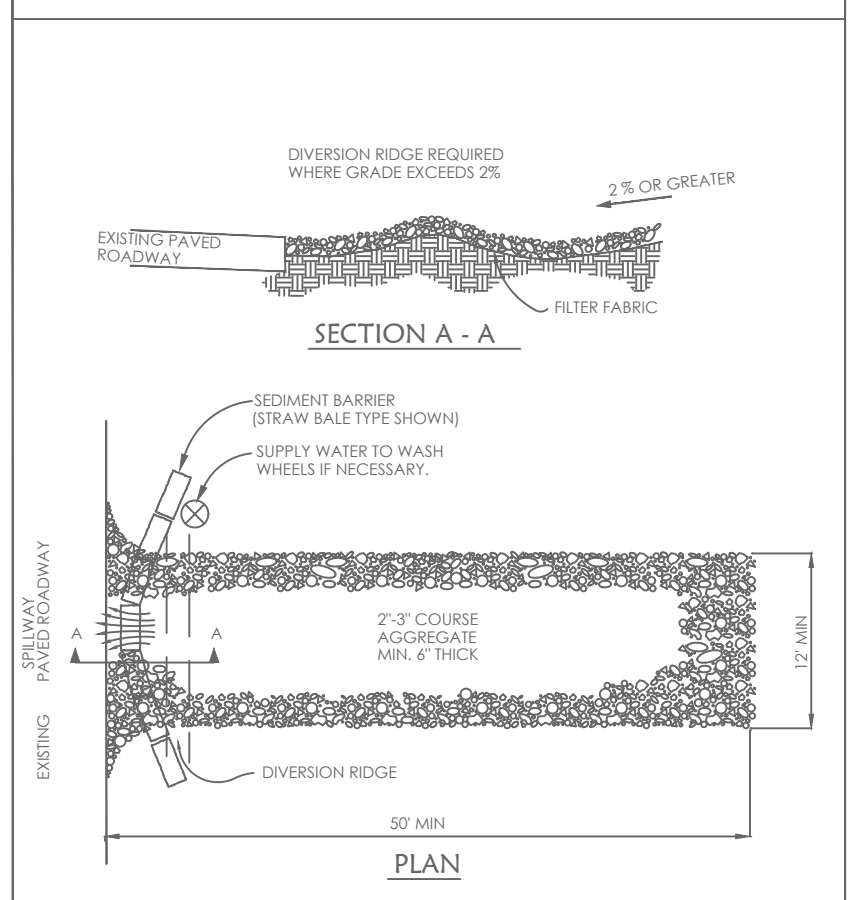
Description and Purpose: Prevent the discharge of pollutants to stormwater from concrete waste by conducting washout onsite or offsite in a designated area.
Suitable Applications: Concrete waste management procedures and practices are implemented on construction projects where:
Concrete is used as a construction material or where concrete dust and debris result from demolition activities.
Shurries containing portland cement concrete (PCC) are generated, such as from saw cutting, curing, grinding, grinding, and hydro-concrete demolition.
Concrete trucks and other concrete-coated equipment are washed onsite.



STRAW BALE DIKE

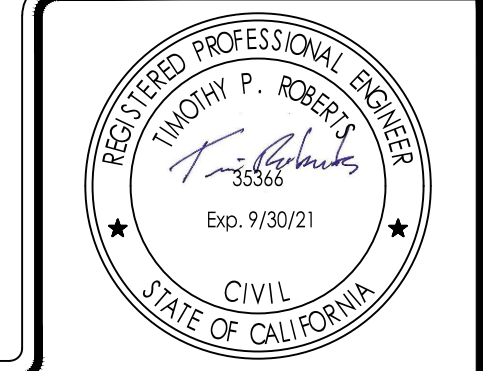


FIBER ROLLS



TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT

Roberts Engineering, Inc.
Hernandez - 248 Carrisa Hwy - Santa Margarita
Note Sheet
Design/Drawn TR / SEB
County Plan Checker
Approved for County Requirements
Development Services Engineer
Date: 2/26/2020
Job # 19-132
County W.O. No.
California Coordinates (CCS83, Zone 5)
County Road #
2364011 N 5856492 E



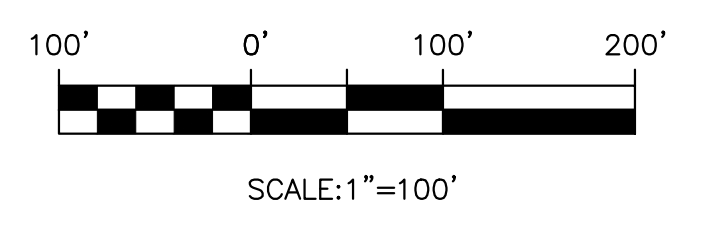
Roberts Engineering
Timothy P. Roberts
Civil Engineer - RCE 35366
2015 Vista de la Vina
Templeton, CA 93465
Phone (805) 239-0664
Fax (805) 238-6148
Email tim@robertsenginc.com
Website robertsenginc.com

Record Drawings Table with columns for Design/Drawn, Revisions This Sheet, Job #, and California Coordinates.



SITE PLAN NOTES

- NOTE: SEE GRADING PLAN FOR WHARF HEAD HYDRANT LOCATION
- 1) CONSTRUCT 16' WIDE DRIVEWAY - 8" CLASS II AB OVER 12" SCARIFIED NATIVE COMPACTED TO 90%, SEE TYPICAL SECTION ON SHEET
 - 2) EXISTING SEPTIC SYSTEM.
 - 3) INSTALL 5000 GALLON GALVANIZED STEEL WATER TANK.
 - 4) INSTALL WATER SERVICE FROM EXISTING WELL, SIZE PER FIRE SPRINKLER DESIGNER.
 - 5) NEW OFFICE TRAILER WITH RESTROOM AND SECURITY ROOM. SEE PLAN BY OTHERS.
 - 6) CONSTRUCT NEW HOOP HOUSES, SEE PLAN BY OTHERS.
 - 7) CONSTRUCT NEW ANCILLARY NURSERY, SEE PLAN BY OTHERS.
 - 8) STORAGE CONTAINERS FOR PESTICIDE STORAGE.
 - 9) AREA RESERVED FOR SOLAR PANEL ARRAY, PLAN BY OTHERS.
 - 10) CONVERT EXISTING 2,400 SF BARN FOR CANNABIS DRYING, TRIMMING, STORAGE AND LOADING.
 - 11) CONSTRUCT 6' HIGH CHAIN LINK FENCE.
 - 12) CONSTRUCT 6' HIGH 2-PANEL SWING GATE.
 - 13) WASTE AND RECYCLING, 40 SF.
 - 14) EXISTING GATE TO BE RELOCATED, 75' MIN. FROM EDGE OF ROAD.
 - 15) CONSTRUCT 6' HIGH METAL GATE WITH SECURITY KEYPAD.
 - 16) EXISTING WELL: 35'28"9.38" N, 120°22'9.75" W.
 - 17) COMPOST AREA, 50 SF.
 - 18) OFFICE PARKING AREA, 3 SPOTS WITH 1 ADA SPACE.
 - 19) BARN PARKING AREA, 5 SPOTS WITH 1 ADA SPACE.
 - 20) AREA AVAILABLE FOR OVERFLOW PARKING.



Roberts Engineering, Inc.
 Hernandez - 248 Carrisa Hwy - Santa Margarita
 Site Plan

Design/Draw TR / SEB	County Plan Checker	Approved for County Requirements Development Services Engineer
Job # 19-132	County W.O. No.	Date 2/26/2020
California Coordinates (CCS83, Zone 5) 2364011 N 5856492 E	County Road #	Date Timothy P. Roberts, RCE 35366 exp 09/30/21

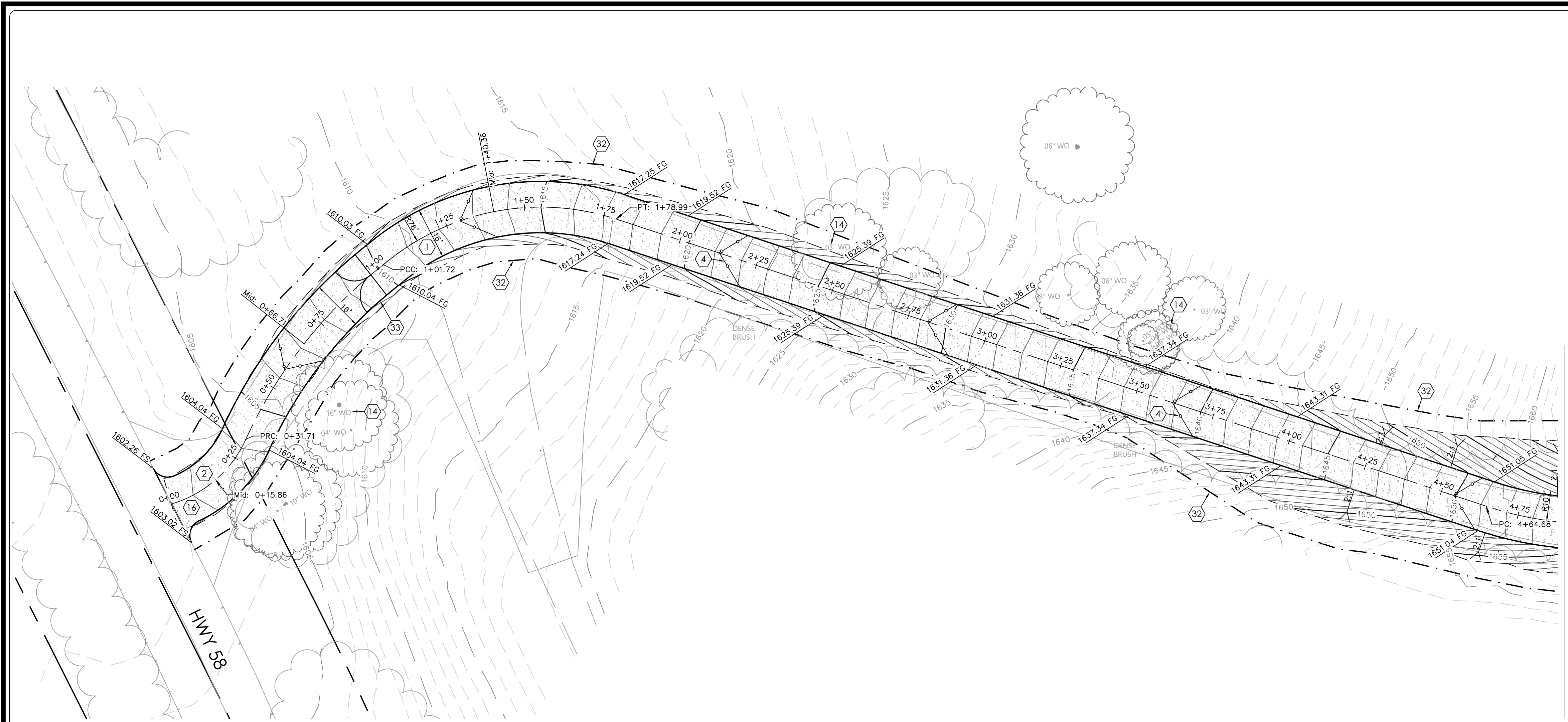


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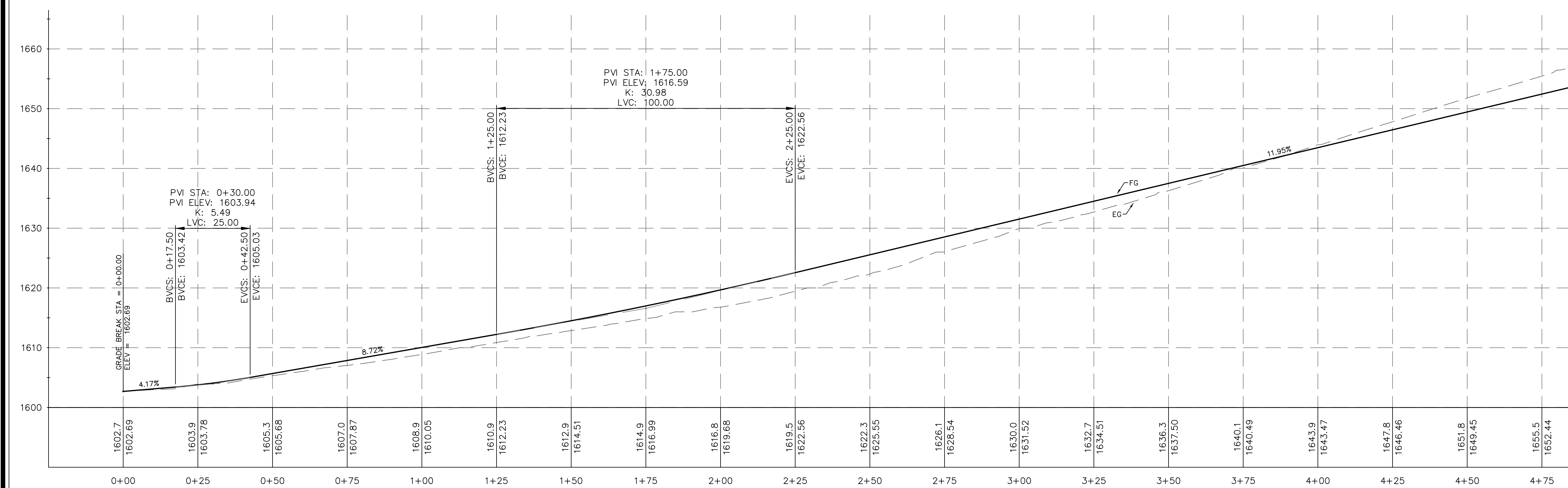
Record Drawings

Timothy P. Roberts, RCE 35366 exp 09/30/21	Date
Revisions This Sheet:	
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MATCH LINE STA 4+75, SEE SHEET 5

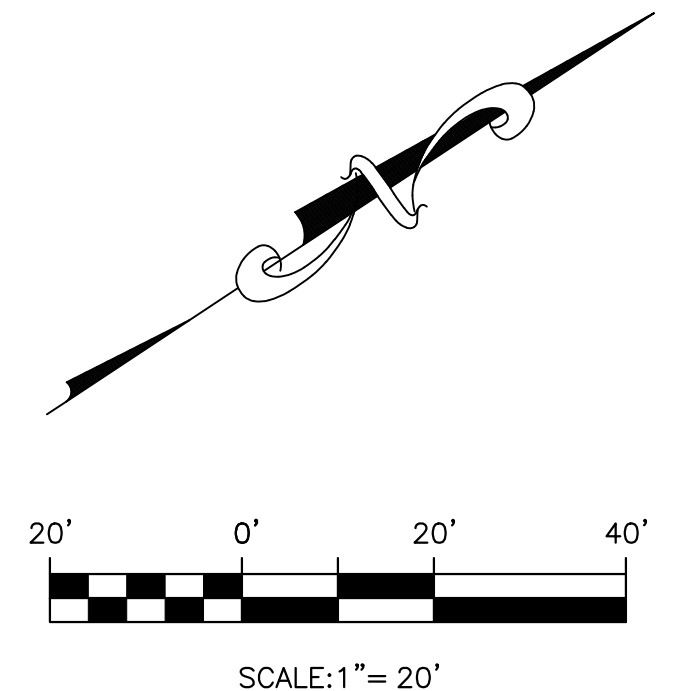


DRIVEWAY PROFILE
 HORIZONTAL SCALE: 1"=20'
 VERTICAL SCALE: 1"=10'

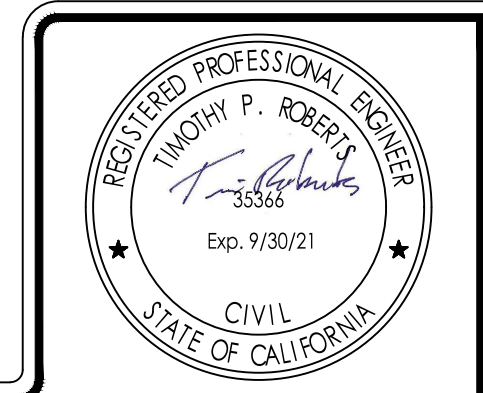
MATCH LINE STA 4+75, SEE SHEET 5

CONSTRUCTION NOTES

- THE FOOTPRINT OF THE STRUCTURES SHOWN HEREON IS BASED UPON A GRAPHIC EXHIBIT PROVIDED BY THE OWNER. WHILE ASSUMED ACCURATE FOR PURPOSES OF THIS PLAN, IT IS NOT INTENDED FOR PRECISE BUILDING LAYOUT.
- 1 CONSTRUCT 16' WIDE DRIVEWAY - 8" CLASS II AB OVER 12" SCARIFIED NATIVE COMPACTED TO 90%, SEE TYPICAL SECTION ON SHEET 2.
 - 2 CONSTRUCT TEMPORARY CONSTRUCTION ENTRANCE PER DETAIL, SEE SHEET 2.
 - 3 CONSTRUCT EARTH SWALE - (36" WIDE BY 6" DEEP).
 - 4 INSTALL STRAW WATTLES, TYPICAL.
 - 5 GRADE TO DRAIN AWAY FROM PROPOSED STRUCTURE AT 5-5% FOR 10 FEET MIN. TYPICAL.
 - 6 CONSTRUCT CONCRETE WASHOUT STRUCTURE PER DETAIL SHEET 2.
 - 7 CONSTRUCT TEMPORARY MATERIAL STORAGE AREA PER DETAIL SHEET 2. INSTALL 10 LF - 4" PVC PIPE AT 5-1% S.
 - 8 INSTALL 4" PVC SEWER LATERAL AT 5-2% MIN.
 - 9 INSTALL SEWER CLEAN OUT.
 - 10 EXISTING LEACH TRENCHES.
 - 11 AREA FOR 100% EXPANSION OF LEACH FIELD.
 - 12 INSTALL 1,200 GALLON SEPTIC TANK WITH ZABEL A-1800 (OR APPROVED EQUAL) AT THE OUTLET.
 - 13 EXISTING WELL: 35'28"9.38" N, 120'22"9.75" W.
 - 14 EXISTING TREE TO REMAIN. PROTECT WITH TREE FENCING.
 - 15 INSTALL 1.5" SCH 40 WATER LINE
 - 16 EXISTING DRIVEWAY TO BE MODIFIED TO COUNTY STD. B1-e.
 - 17 INSTALL 5000 GALLON GALVANIZED STEEL WATER TANK.
 - 18 INSTALL 4" SCH 40 PVC FIRE WATER LINE.
 - 19 INSTALL WHARF HEAD HYDRANT PER CAL FIRE STANDARDS.
 - 20 CAL FIRE TURNAROUND.
 - 21 NEW OFFICE TRAILER WITH RESTROOM AND SECURITY ROOM. SEE PLAN BY OTHERS.
 - 22 CONSTRUCT NEW HOOP HOUSES, SEE PLAN BY OTHERS.
 - 23 CONSTRUCT NEW ANCILLARY NURSERY, SEE PLAN BY OTHERS.
 - 24 STORAGE CONTAINERS FOR PESTICIDE STORAGE.
 - 25 AREA RESERVED FOR SOLAR PANEL ARRAY, PLAN BY OTHERS.
 - 26 LOADING AREA.
 - 27 CONVERT EXISTING 2,400 SF BARN FOR CANNABIS DRYING, TRIMMING, STORAGE AND LOADING.
 - 28 COMPOST AREA, 50 SF.
 - 29 NOT USED.
 - 30 CONSTRUCT 6' HIGH CHAIN LINK FENCE.
 - 31 CONSTRUCT 6' HIGH 2-PANEL SWING GATE.
 - 32 AREA OF DISTURBANCE, SEE SITE STATISTICS, SHEET 1.
 - 33 EXISTING GATE TO BE RELOCATED, 75' MIN. FROM EDGE OF ROAD.
 - 34 CONSTRUCT 6' HIGH METAL GATE WITH SECURITY KEYPAD.
 - 35 OFFICE PARKING AREA, 3 SPOTS WITH 1 ADA SPACE.
 - 36 BARN PARKING AREA, 5 SPOTS WITH 1 ADA SPACE.
 - 37 AREA AVAILABLE FOR OVERFLOW PARKING.
 - 38 WASTE AND RECYCLING, 40 SF.



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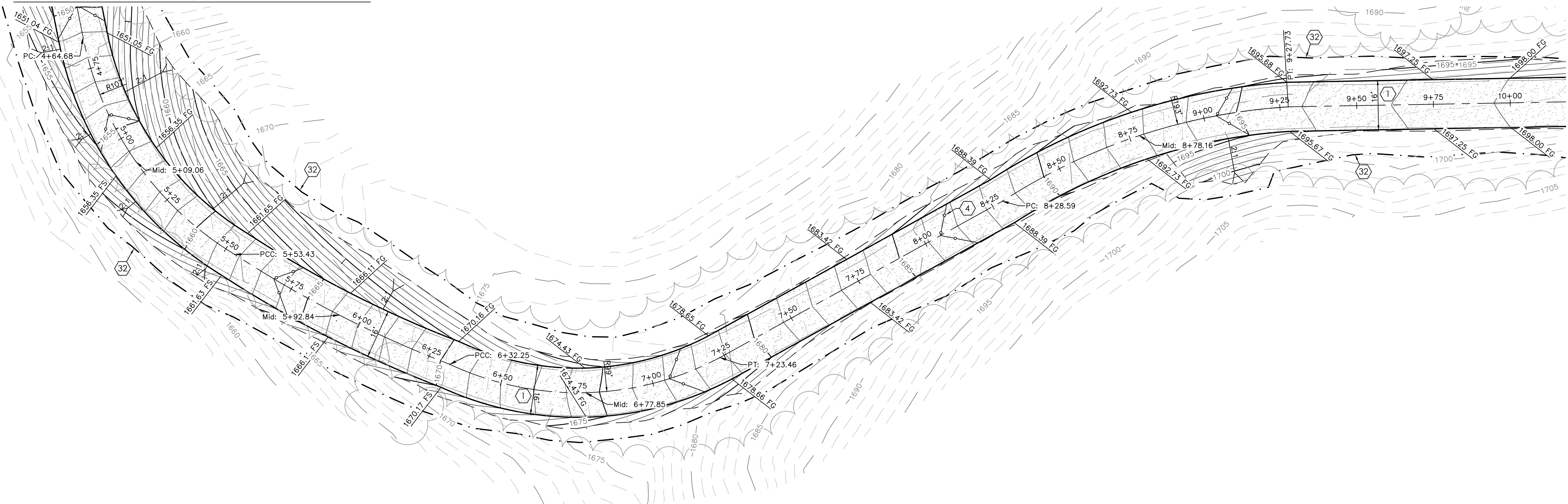


Roberts Engineering
 Timothy P. Roberts
 Civil Engineer - RCE 35366
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Record Drawings	
Timothy P. Roberts, RCE 35366 exp 09/30/21	Date
Revisions This Sheet:	
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Roberts Engineering, Inc.		
Hernandez - 248 Carrisa Hwy - Santa Margarita		
Grading, Drainage, and Erosion Control Plan		
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Job # 19-132	County W.O. No.	Development Services Engineer Date
California Coordinates (CCS83, Zone 5)	County Road #	2/26/2020 Timothy P. Roberts, RCE 35366 exp 09/30/21 Date
2364011 N 5856492 E		4 of 11

MATCH LINE STA 4+75, SEE SHEET 4



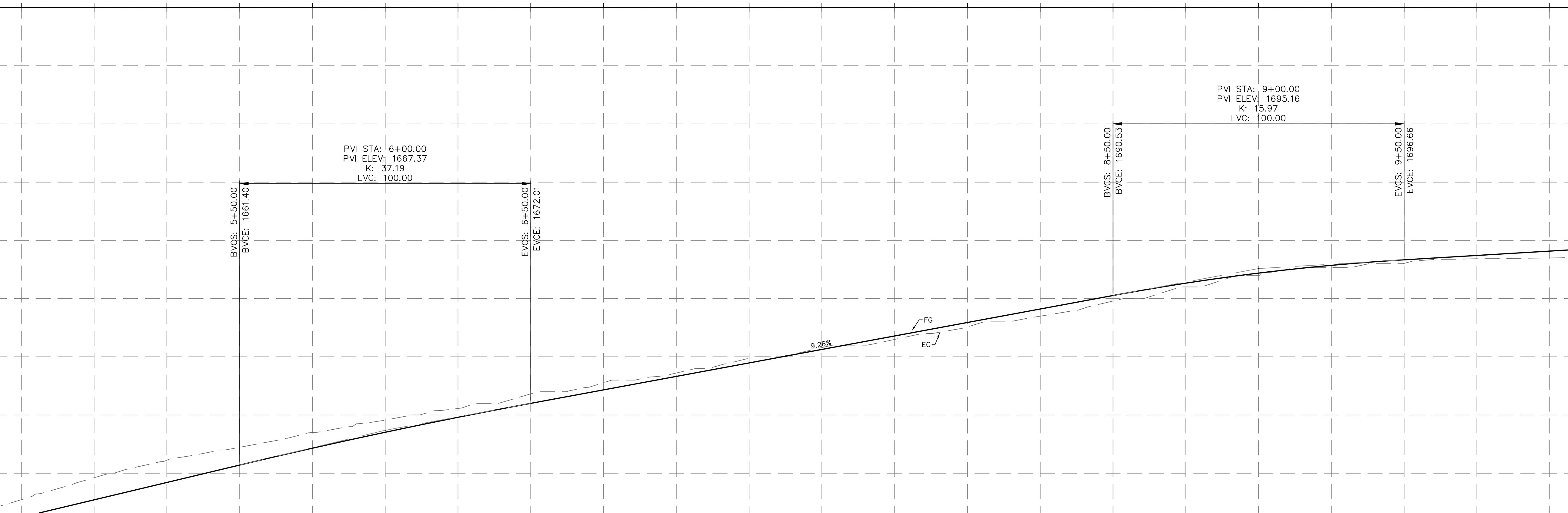
MATCH LINE STA 10+00, SEE SHEET 6

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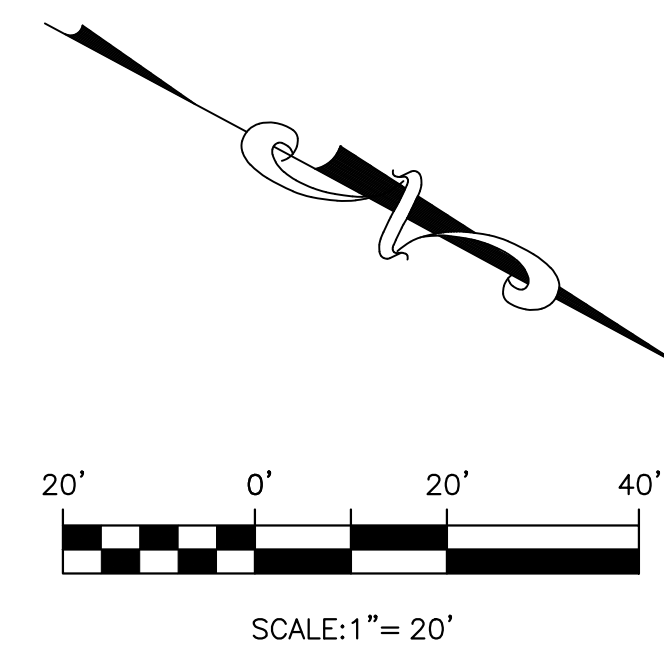
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4+75 5+00 5+25 5+50 5+75 6+00 6+25 6+50 6+75 7+00 7+25 7+50 7+75 8+00 8+25 8+50 8+75 9+00 9+25 9+50 9+75 10+00



DRIVEWAY PROFILE
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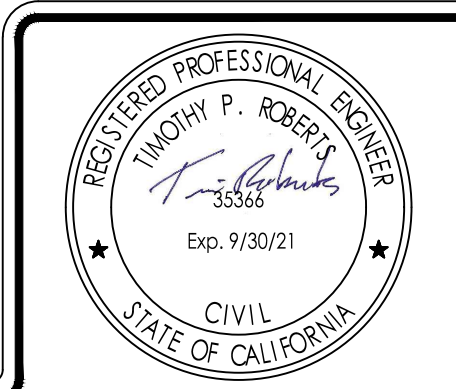
MATCH LINE STA 10+00, SEE SHEET 6



MATCH LINE STA 4+75, SEE SHEET 4

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2364011 N 5856492 E		5 of 11

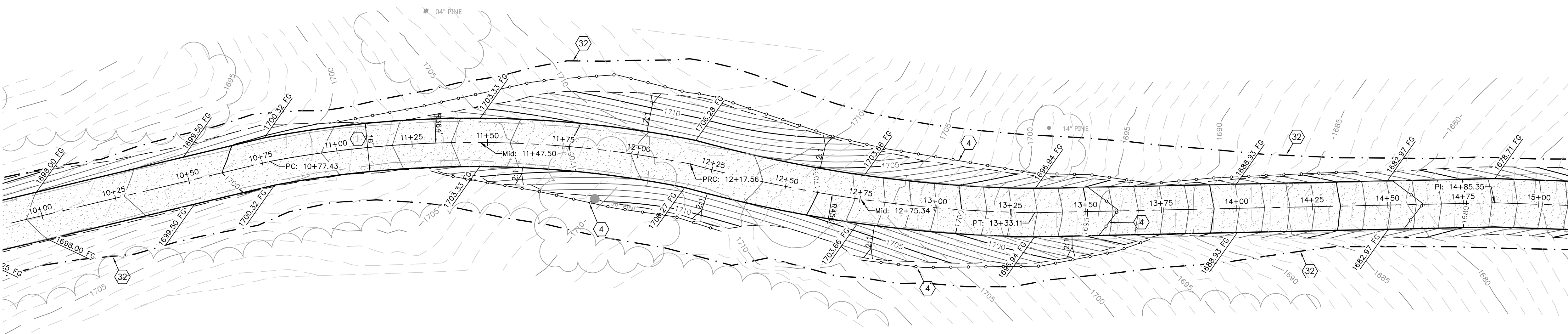


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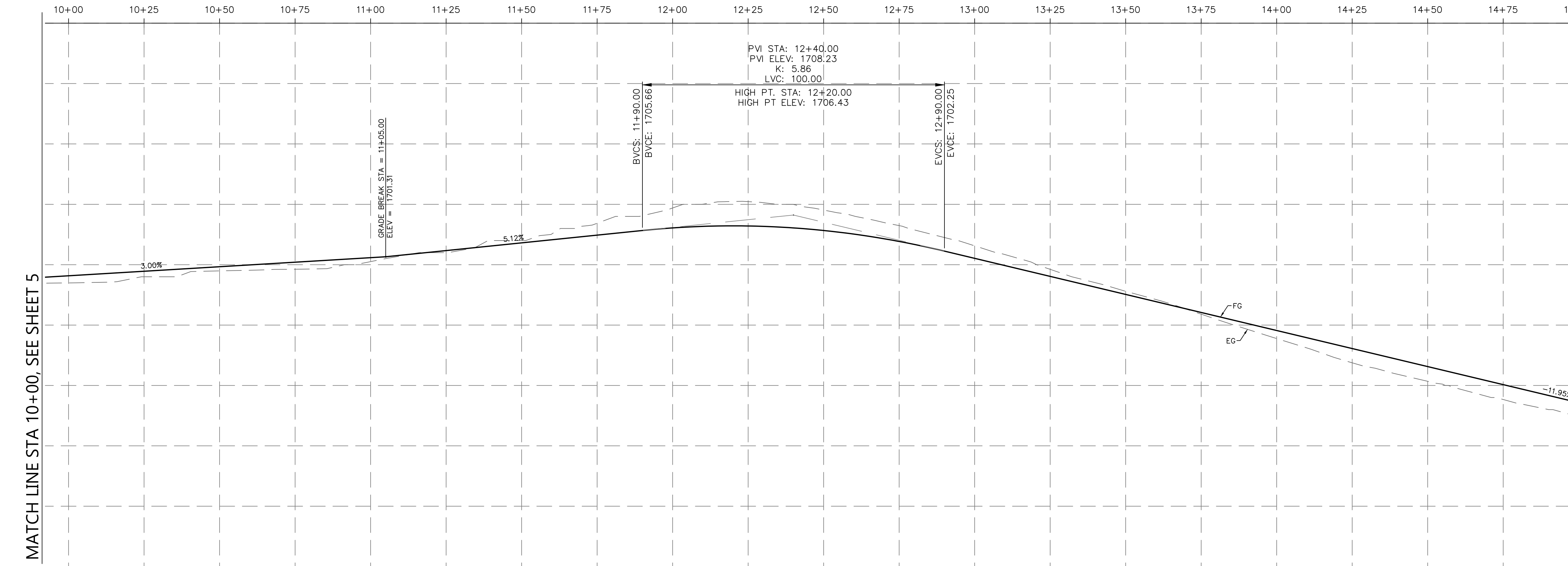
MATCH LINE STA 10+00, SEE SHEET 5

MATCH LINE STA 15+00, SEE SHEET 7



CONSTRUCTION NOTES

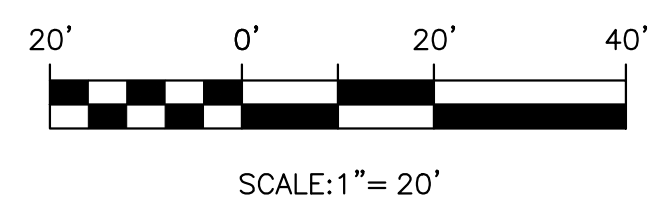
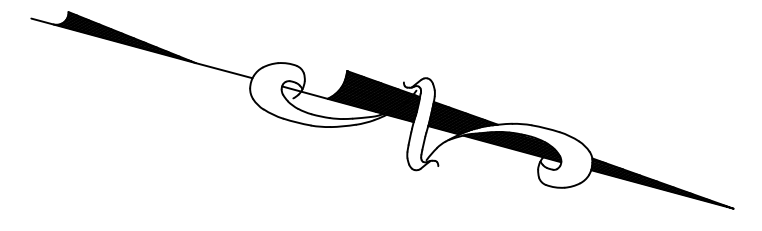
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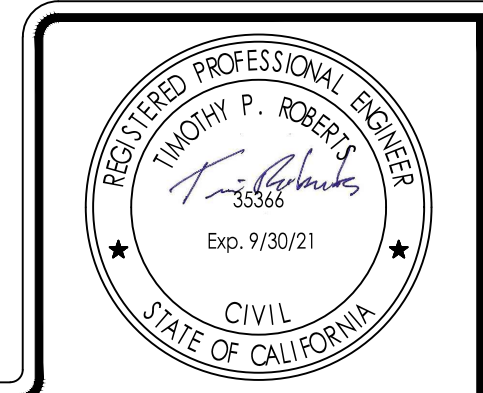
MATCH LINE STA 10+00, SEE SHEET 5

MATCH LINE STA 15+00, SEE SHEET 7

DRIVEWAY PROFILE
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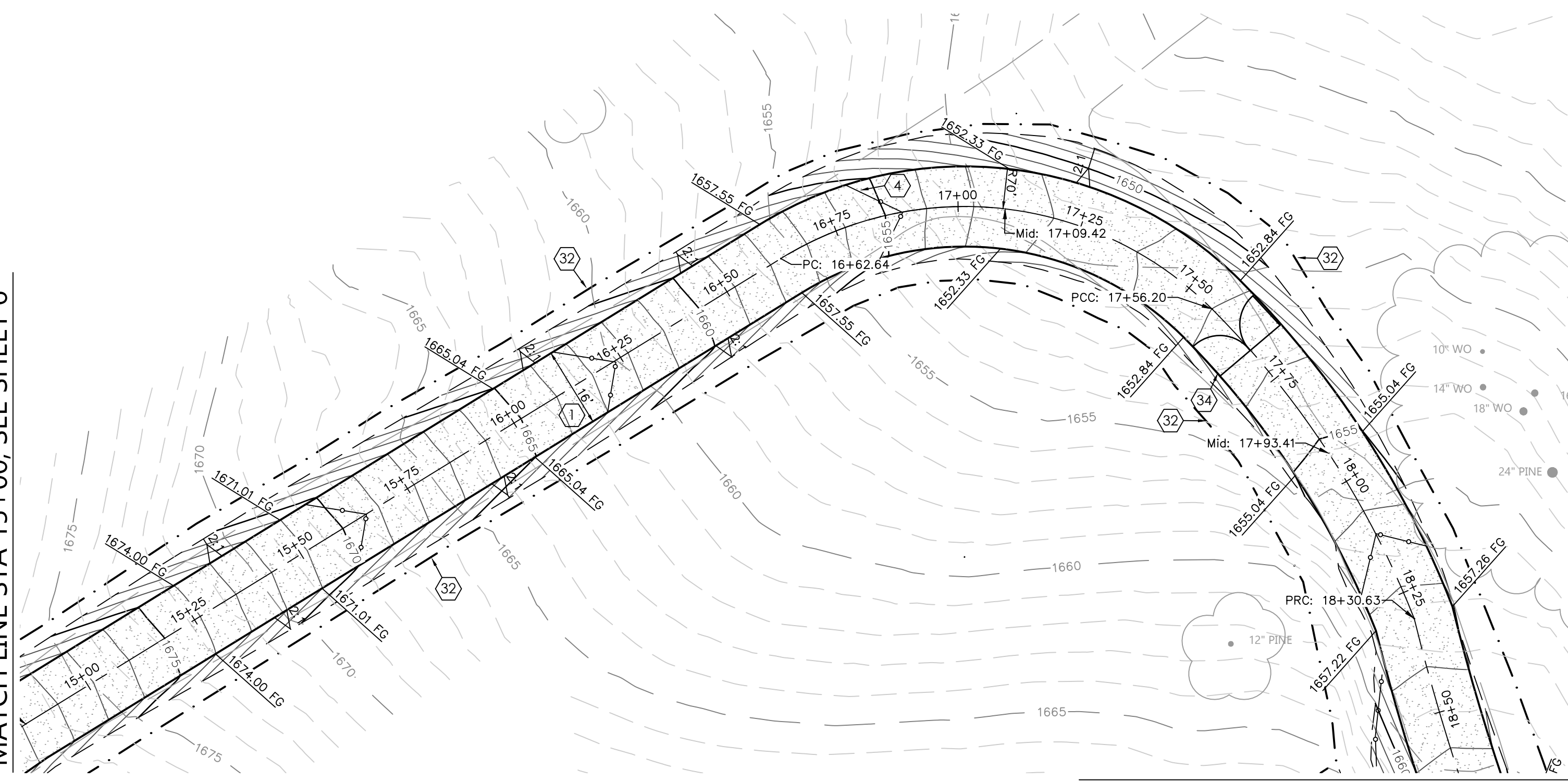
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Hernandez - 248 Carrisa Hwy - Santa Margarita		
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Design/Drawn <i>TR / SEB</i>	County Plan Checker .	Approved for County Requirements Development Services Engineer Date
Job # 19-132	County W.O. No. .	<i>T. Roberts</i> 2/26/2020 Timothy P. Roberts, RCE 35366 exp 09/30/21 Date
California Coordinates (CCS83, Zone 5) 2364011 N 5856492 E		County Road # .



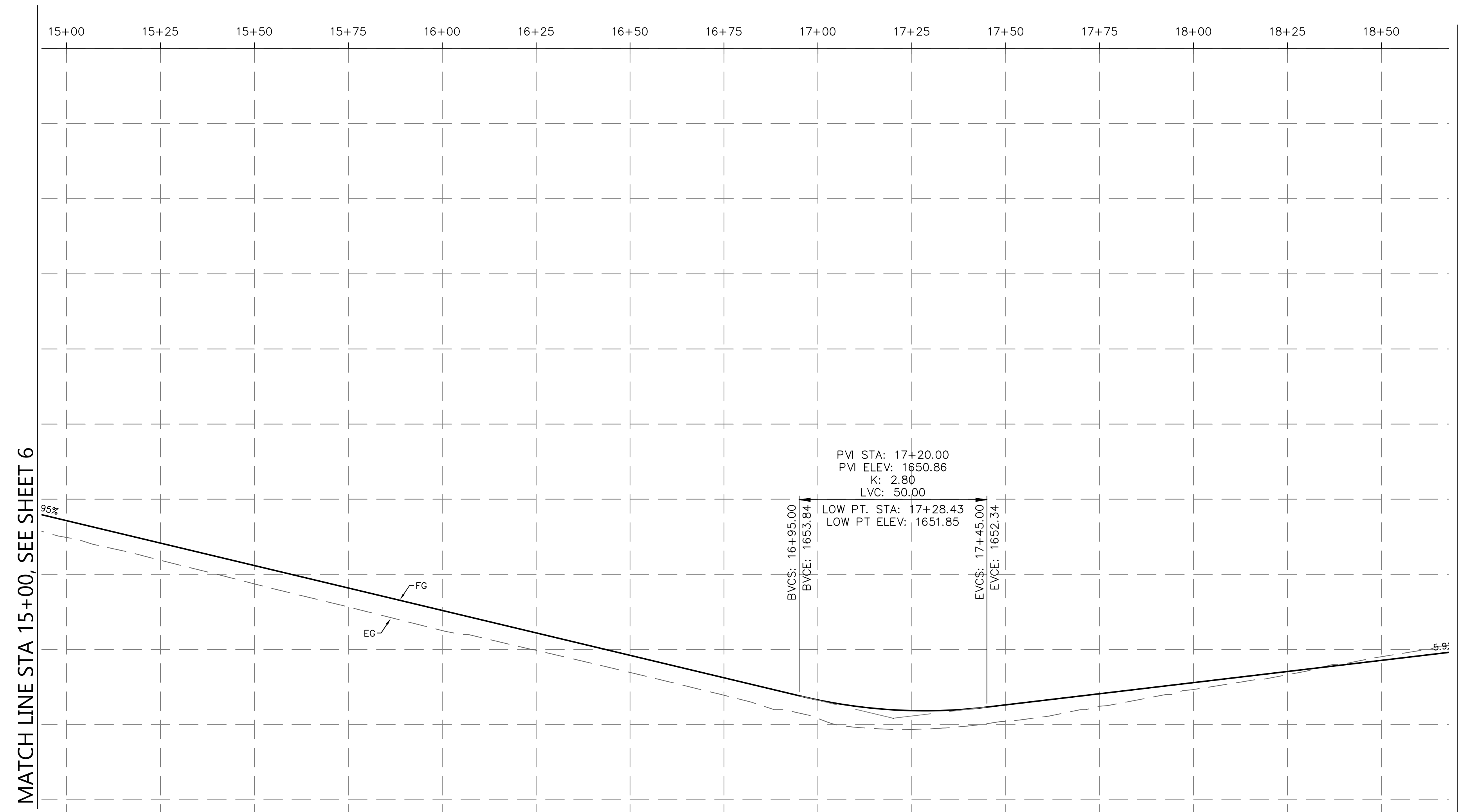
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MATCH LINE STA 18+50, SEE SHEET 8



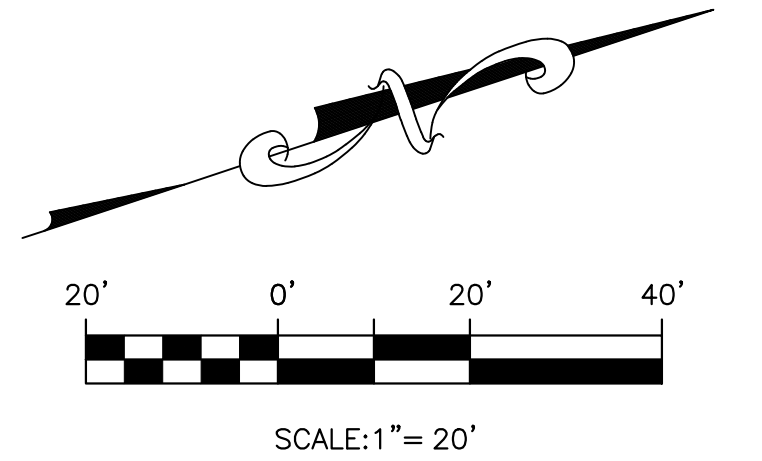
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2364011 N 5856492 E		7 of 11

REGISTERED PROFESSIONAL ENGINEER
TIMOTHY P. ROBERTS
35366
Exp. 9/30/21
CIVIL
STATE OF CALIFORNIA

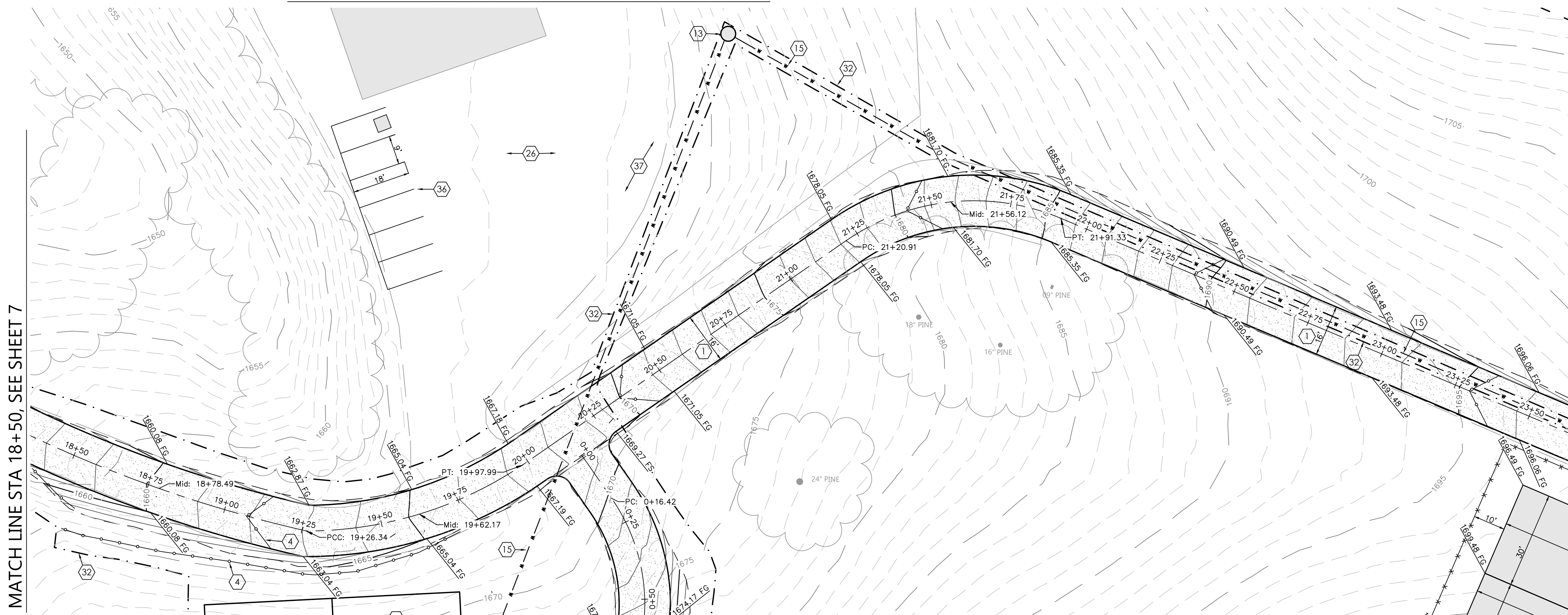
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MATCH LINE, SEE SHEET 11



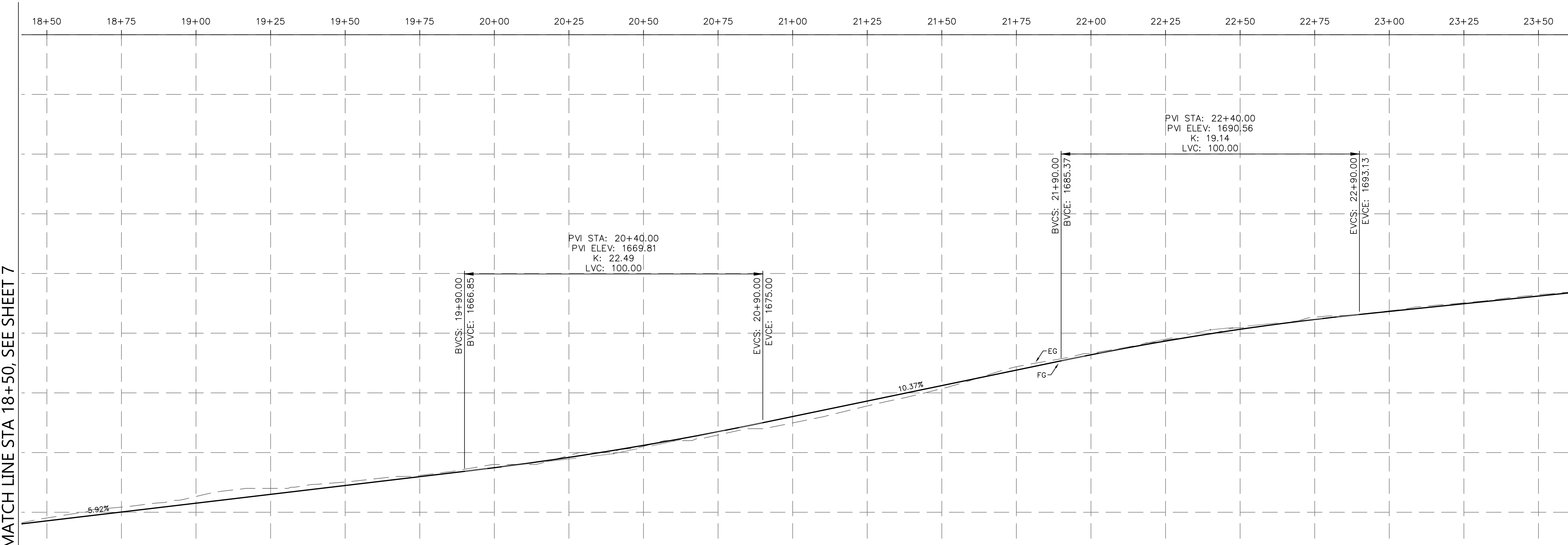
MATCH LINE, SEE SHEET 11

MATCH LINE STA 18+50, SEE SHEET 7

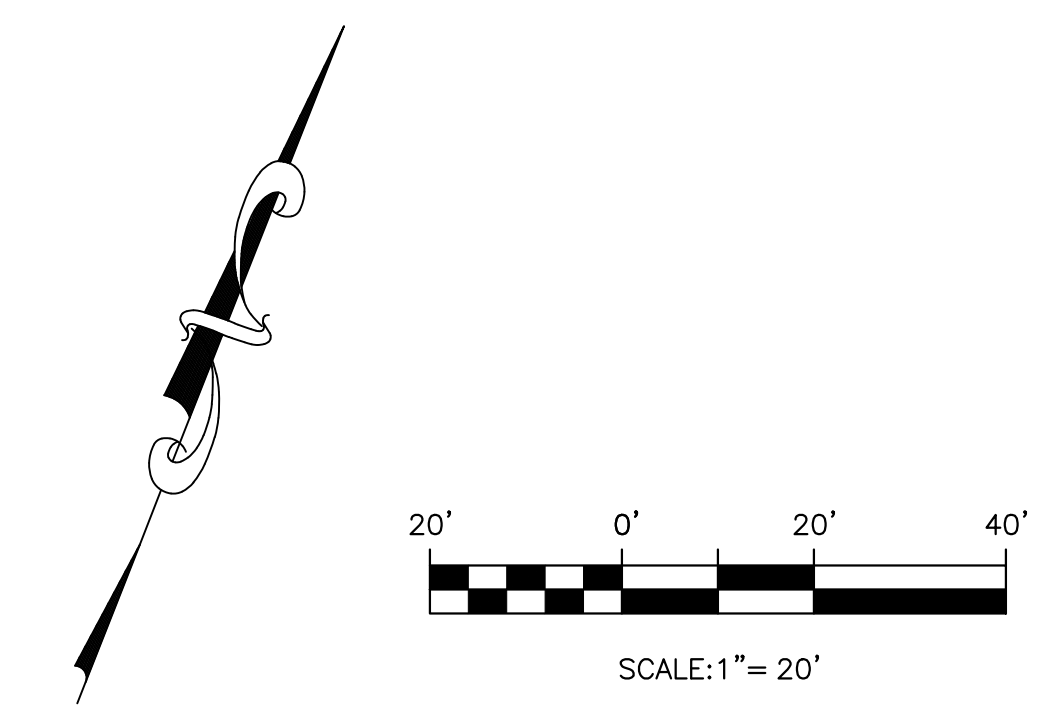
MATCH LINE STA 23+50, SEE SHEET 9

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MATCH LINE STA 23+50, SEE SHEET 9

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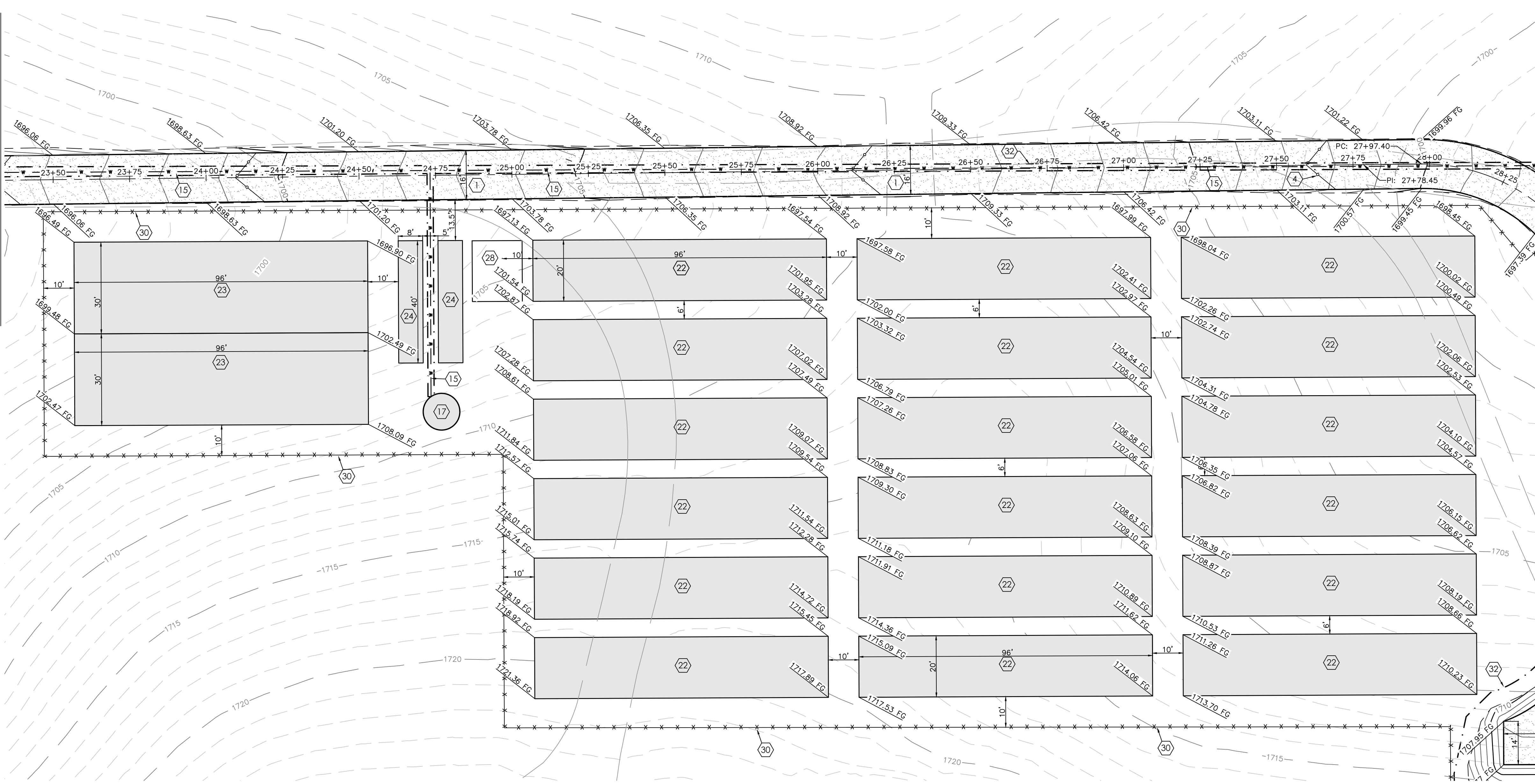
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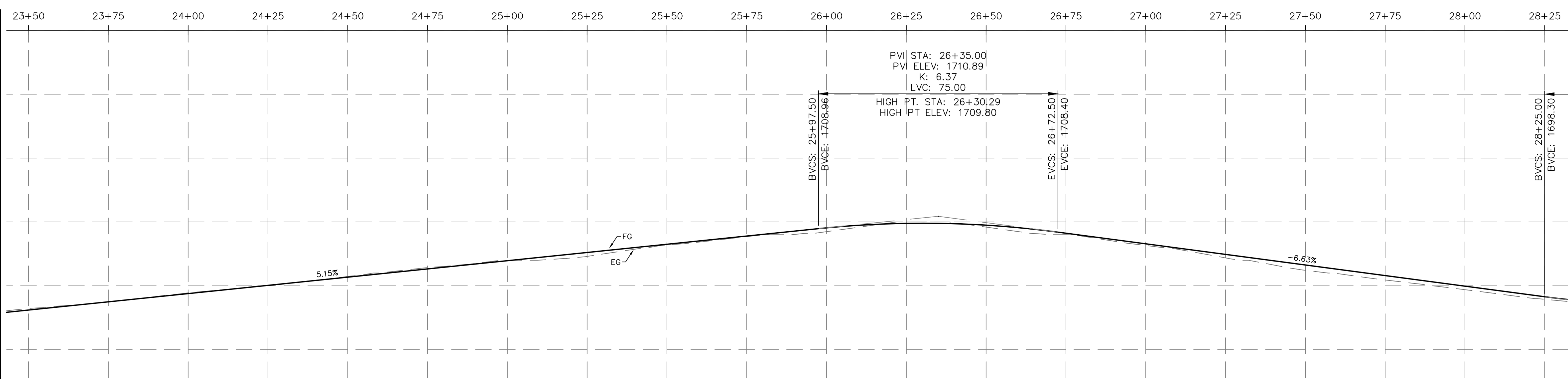
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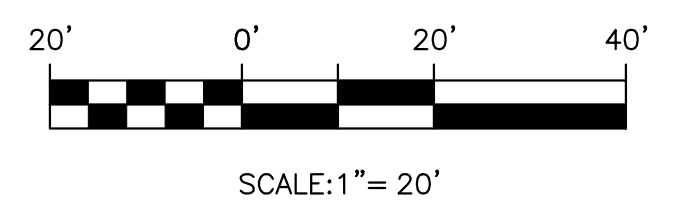
MATCH LINE STA 28+25, SEE SHEET 10

MATCH LINE STA 23+50, SEE SHEET 8

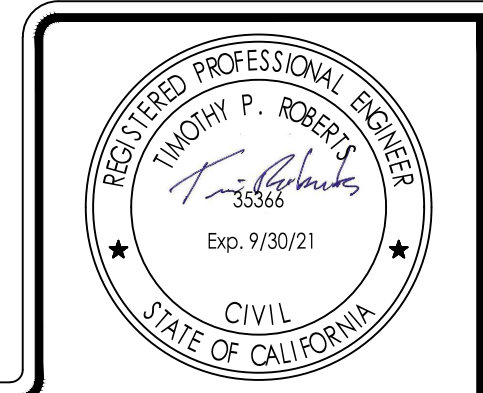


DRIVEWAY PROFILE
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=10'

MATCH LINE STA 28+25, SEE SHEET 10



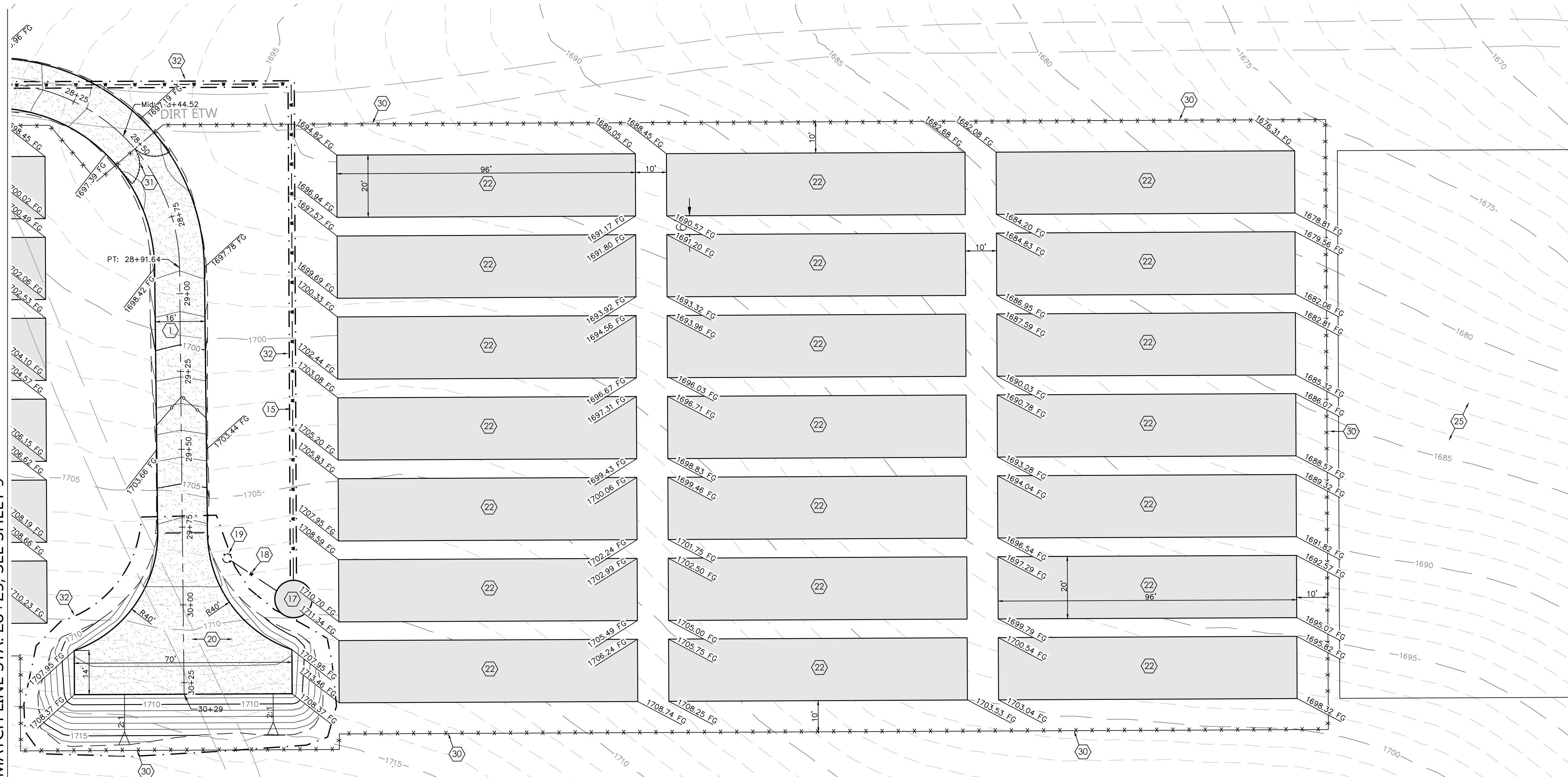
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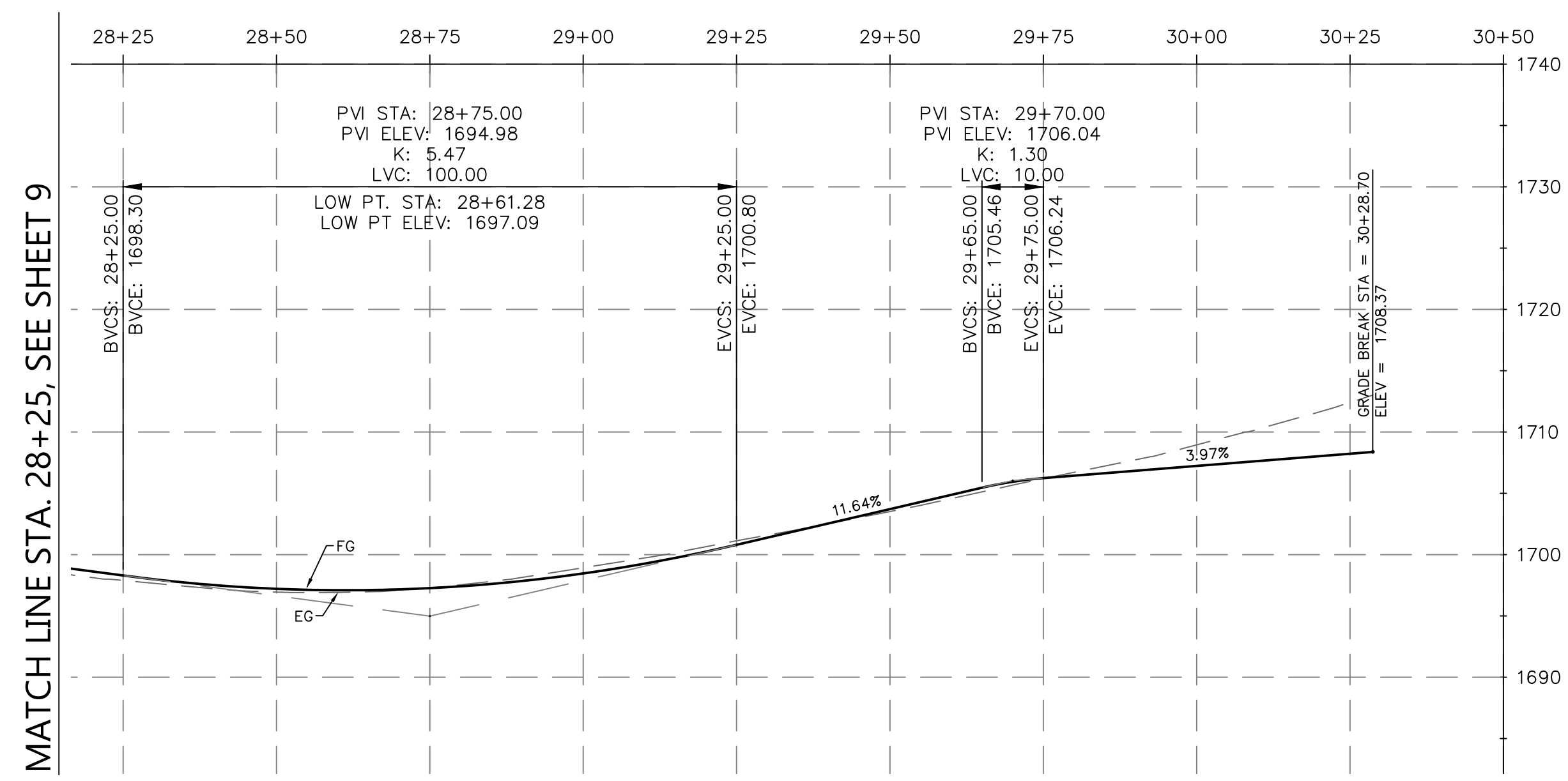
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MATCH LINE STA. 28+25, SEE SHEET 9

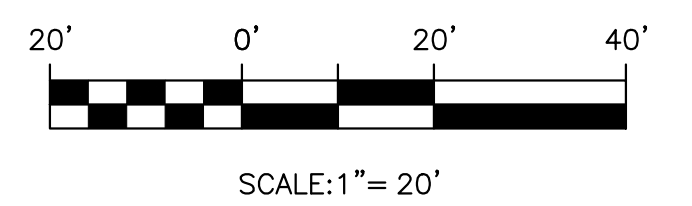
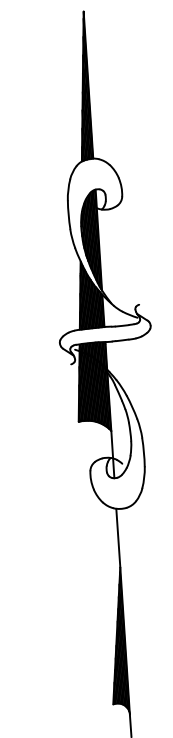


CONSTRUCTION NOTES

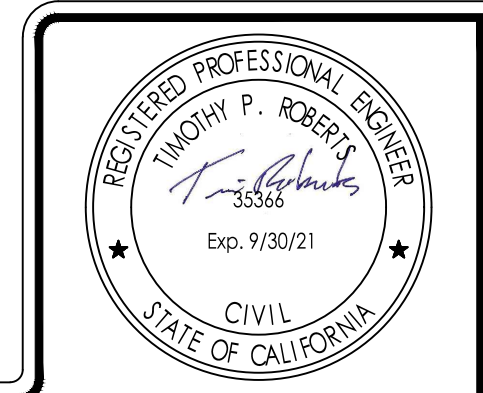
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- 1 CONSTRUCT 16" WIDE DRIVEWAY - 8" CLASS II AB OVER 12" SCARIFIED NATIVE COMPACTED TO 90%, SEE TYPICAL SECTION ON SHEET 2.
 - 2 CONSTRUCT TEMPORARY CONSTRUCTION ENTRANCE PER DETAIL, SEE SHEET 2.
 - 3 CONSTRUCT EARTH SWALE - (36" WIDE BY 6" DEEP).
 - 4 INSTALL STRAW WATTLES, TYPICAL.
 - 5 GRADE TO DRAIN AWAY FROM PROPOSED STRUCTURE AT 5% FOR 10 FEET MIN. TYPICAL.
 - 6 CONSTRUCT CONCRETE WASHOUT STRUCTURE PER DETAIL SHEET 2.
 - 7 CONSTRUCT TEMPORARY MATERIAL STORAGE AREA PER DETAIL SHEET 2. INSTALL 10 LF - 4" PVC PIPE AT 5 = 3% ±.
 - 8 INSTALL 4" PVC SEWER LATERAL AT 5=2% MIN.
 - 9 INSTALL SEWER CLEAN OUT.
 - 10 EXISTING LEACH TRENCHES.
 - 11 AREA FOR 100% EXPANSION OF LEACH FIELD.
 - 12 INSTALL 1,200 GALLON SEPTIC TANK WITH ZABEL A-1800 (OR APPROVED EQUAL) AT THE OUTLET.
 - 13 EXISTING WELL: 35'28"9.38" N, 120'22"9.75" W.
 - 14 EXISTING TREE TO REMAIN. PROTECT WITH TREE FENCING.
 - 15 INSTALL 1.5" SCH 40 WATER LINE.
 - 16 EXISTING DRIVEWAY TO BE MODIFIED TO COUNTY STD. B1-e.
 - 17 INSTALL 5000 GALLON GALVANIZED STEEL WATER TANK.
 - 18 INSTALL 4" SCH 40 PVC FIRE WATER LINE.
 - 19 INSTALL WHARF HEAD HYDRANT PER CAL FIRE STANDARDS.
 - 20 CAL FIRE TURNAROUND.
 - 21 NEW OFFICE TRAILER WITH RESTROOM AND SECURITY ROOM. SEE PLAN BY OTHERS.
 - 22 CONSTRUCT NEW HOOP HOUSES, SEE PLAN BY OTHERS.
 - 23 CONSTRUCT NEW ANCILLARY NURSERY, SEE PLAN BY OTHERS.
 - 24 STORAGE CONTAINERS FOR PESTICIDE STORAGE.
 - 25 AREA RESERVED FOR SOLAR PANEL ARRAY, PLAN BY OTHERS.
 - 26 LOADING AREA.
 - 27 CONVERT EXISTING 2,400 SF BARN FOR CANNABIS DRYING, TRIMMING, STORAGE AND LOADING.
 - 28 COMPOST AREA, 50 SF.
 - 29 NOT USED.
 - 30 CONSTRUCT 6' HIGH CHAIN LINK FENCE.
 - 31 CONSTRUCT 6' HIGH 2-PANEL SWING GATE.
 - 32 AREA OF DISTURBANCE, SEE SITE STATISTICS, SHEET 1.
 - 33 EXISTING GATE TO BE RELOCATED, 75' MIN. FROM EDGE OF ROAD.
 - 34 CONSTRUCT 6' HIGH METAL GATE WITH SECURITY KEYPAD.
 - 35 OFFICE PARKING AREA, 3 SPOTS WITH 1 ADA SPACE.
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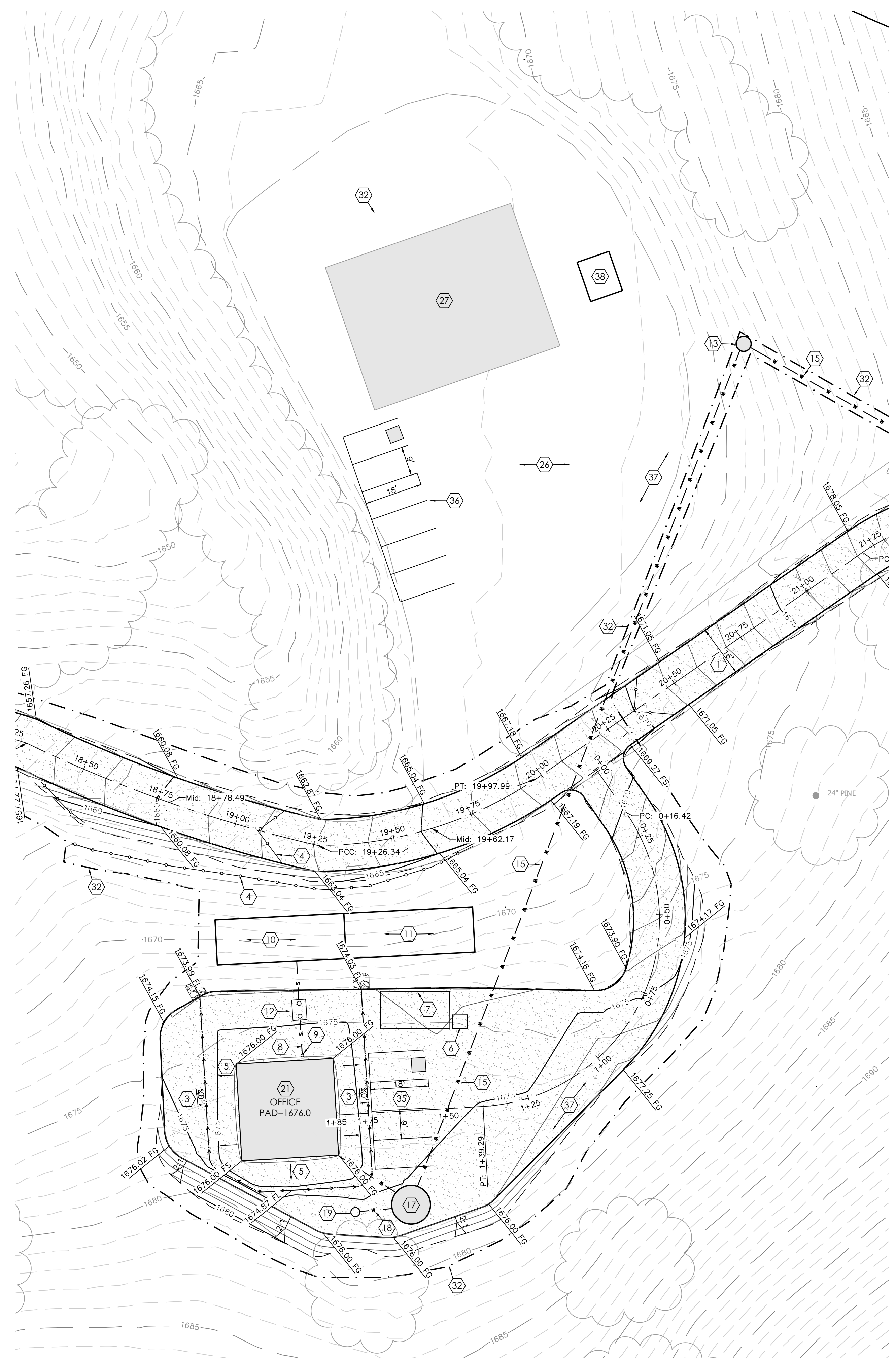
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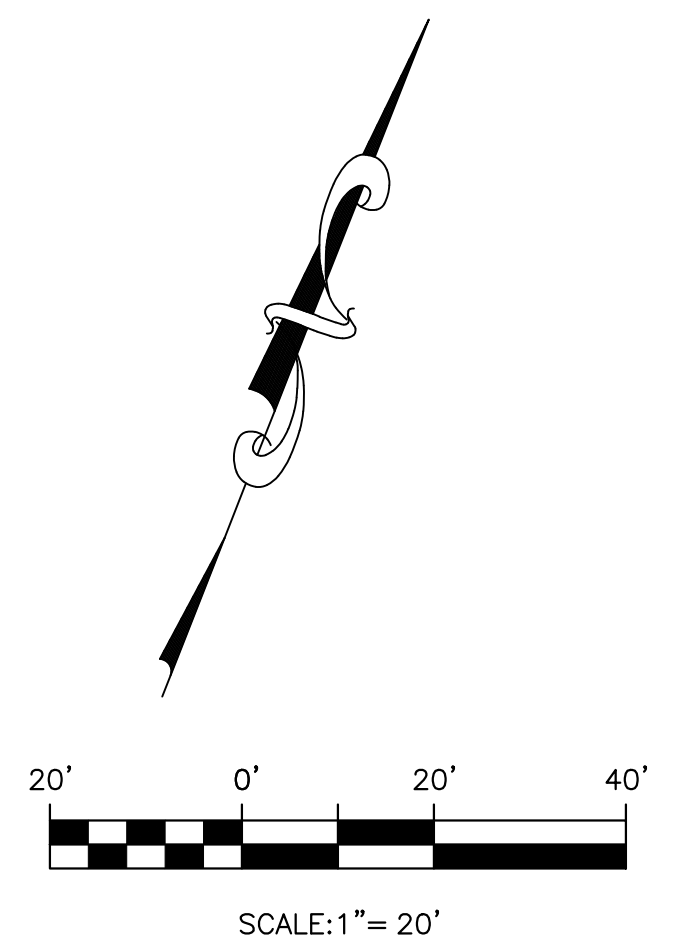
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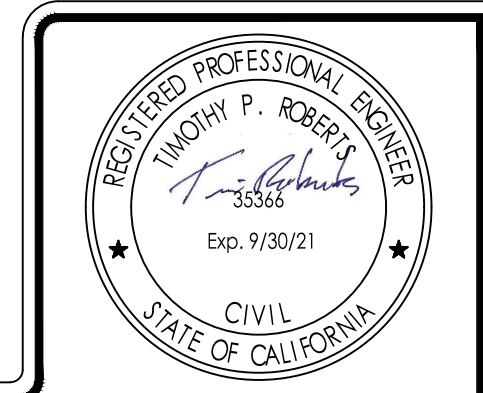


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