

GENERAL NOTES

- A. General Notes
1. All work shall conform to the requirements of the City of Menifee Grading Ordinance Chapter 8.26 Grading Regulations, the City of Menifee Standard Details and Specifications, policies, codes and permit requirements; in addition, the work shall conform to the current Standard Specifications for Public Works Construction (the "Greenbook"), the Riverside County Street Improvement Standards and Specifications and Standard Plans; County Ordinance No. 461; Caltrans Standard Plans and specifications; California Manual on Uniform Traffic Control Devices.
 2. A grading permit shall be obtained from the City of Menifee Engineering Department prior to start of work.
 3. An Encroachment Permit shall be obtained from the City of Menifee prior to start of work for work performed within public right-of-way.
 4. Work in public streets, once begun, shall be prosecuted to completion without delay so as to provide minimum inconvenience to adjacent property owners and to the traveling public.
 5. Prior to start of work, the Developer/Contractor shall apply to the California Department of Transportation (Caltrans) for an Encroachment Permit for work performed within the State right-of-way.
 6. When Grading plans have been submitted to the City for checking and the checking process has been interrupted for a period of one year or more, the plans shall be deemed abandoned. Approved Grading plans for all subdivisions shall be deemed abandoned if construction has not commenced within two years of the latest approval date (one year for non-subdivisions). If construction is interrupted for a period of one year or more, the plans shall be deemed abandoned. Abandoned plans shall be re-submitted for review and all fees shall be paid in accordance with the plan check and processing policy prior to any permits being issued.
 7. Notify Underground Service Alert, (800) 422-4133, and all concerned utility companies at least two working days in advance of excavation.
 8. Locations of existing underground utilities are approximate. The Developer/Contractor shall determine the exact locations and verify conditions on the job site prior to commencing work. The Developer/Contractor shall be fully responsible for damages occurred due to failure to locate and preserve underground utilities. Hand dig as needed until clear of obstructions.
 9. Approval of this plan by the City of Menifee does not constitute a representation as to the accuracy of, the location of, or the existence or non-existence of, any underground utility pipe or structure within the limits of this project. This note applies to all pages.
 10. The Contractor shall contact the City of Menifee Public Works Inspector 2 working days or 48 hours prior to construction at (951) 672-6777.
 11. A preconstruction meeting with the Public Works Inspector is required prior to start of work.
 12. Right of Entry for any work performed on adjacent properties is required. Permission for Right of Entry shall be obtained in writing and the letter shall comply with City format.
 13. Approval of plans and / or permit issuance does not relieve the Permittee of their responsibility to maintain work within the project property boundaries and dedicated City right-of-way. Trespassing on Private property is against the law and cause for cancellation of Permit and issuance of Stop Work notice.
 14. All revisions to grading plans, or material substitution requests, proposed during construction shall be submitted in writing to the Engineering Department by the Engineer of Record and shall follow the procedures for approval outlined in the most current City of Menifee Engineering directives.
 15. It is the responsibility of the permittee to submit a request for permit extension to the City Engineer in writing prior to permit expiration. Extension and expiration of permits shall be in accordance with the Uniform Building Code and /or the City of Menifee Engineering Design Guidelines Policies and Procedures.
 16. The Developer/Contractor shall be responsible for any clean up on City of Menifee right-of-way affected by Developer's/Contractor's work. The Developer/Contractor shall keep City of Menifee right-of-way clean of debris, with dust and other nuisances being controlled at all times. Method of street cleaning shall be street sweeping of all paved areas. There shall be no stockpiling of construction materials within the City of Menifee right-of-way without the permission of the Menifee City Engineer.
 17. All property corners shall be clearly delineated in the field prior to commencement of any construction/grading.
 18. The engineer of work who prepared and signed this grading plan has verified the consistency between the work within the right-of-way and the on-site grading work approved separately by the City of Menifee Engineering Department.
 19. A geotechnical report prepared by a Registered Professional shall be provided.
 20. If material removed per Geotechnical Report dated January 18, 2018 by LGC Geotechnical is to be cleaned and re-used, a separate stockpile plan will need to be submitted for approval and a separate stockpile permit issued.
 21. Prior to the issuance of a grading permit the project applicant shall retain a Riverside County qualified archaeologist to monitor all ground disturbing activities in an effort to identify any unknown archaeological resources.
 22. Prior to the issuance of a grading permit a Paleontologist Resource impact Mitigation Program (PRIMP) shall be prepared and submitted to the Community Development Department for review and approval.

NOTE: WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT AND/OR GRADING PERMIT HAS BEEN ISSUED.



REVISIONS					
SHT.	DESCRIPTION	DATE	BY	APRD	

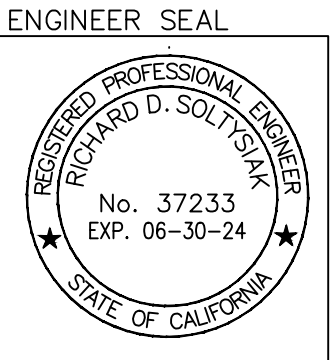
PREPARED BY:

RDS And Associates

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email: rds1@dslextrame.com

Rich Soltysiak

1/12/23



SCALE: NTS
DESIGN: RS
DRAWN: RB
CHECKED: .
APPROVED: .
DATE: January 7, 2023

CITY OF MENIFEE
ENGINEERING DEPARTMENT

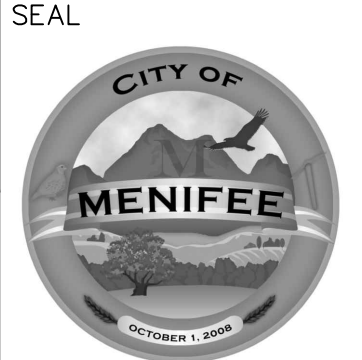
DANIEL PADILLA
DEPUTY PUBLIC WORKS DIRECTOR/
CITY ENGINEER

RCE 67008

DATE

RECOMMENDED BY:

DATE



CITY OF MENIFEE
ENGINEERING DEPARTMENT

PHASE 2 TRUMBLE ROAD PIT RESTORATION
GRADING PLAN

TITLE SHEET

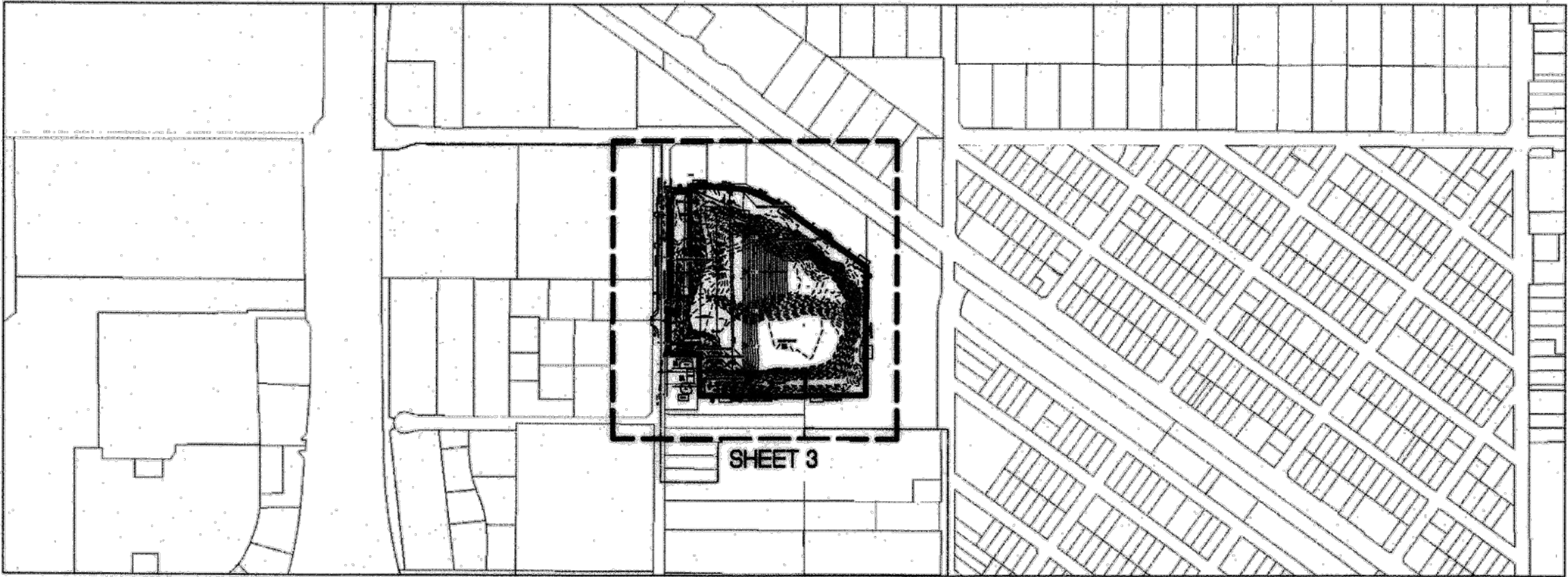
SHEET NO.

1
1 OF 5

PROJECT NO: GP22-019

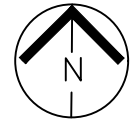
GRADING PLANS FOR:

TRUMBLE ROAD OPEN PIT RESTORATION PHASE 2



SHEET INDEX MAP

0' 500' 1000' 1500' 2000'



GRADING & GEOTECHNICAL SPECIFICATIONS

ALL GRADING SHALL BE DONE UNDER OBSERVATION AND TESTING BY A QUALIFIED CIVIL ENGINEER OR GEOTECHNICAL ENGINEER AND, IF REQUIRED, BOTH A QUALIFIED CIVIL ENGINEER OR GEOTECHNICAL ENGINEER AND AN ENGINEERING GEOLOGIST. ALL GRADING MUST BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY ORDINANCE AND THE RECOMMENDATIONS AND SPECIFICATIONS SET FORTH IN THE SOILS REPORT OR GEOLOGICAL/GEOTECHNICAL INVESTIGATION ENTITLED: INITIAL REPORT, TRUMBLE ROAD OPEN PIT RESTORATION, MENIFEE CA, PREPARED BY LGC GEOTECHNICAL INC, DATED JANUARY 18, 2018 AND LGC GEOTECHNICAL RESPONSE TO COMMENTS DATED NOVEMBER 29, 2022

GRADING SPECIFICATIONS AS PER LGC GEOTECHNICAL REPORTS DATED JAN 18, 2018 AND NOV 29, 2022:

Site Preparation

Prior to grading of areas to receive structural fill, engineered structures or improvements, the area should be cleared of existing vegetation (shrubs, trees, grass, etc.), surface obstructions, existing debris and potentially compressible or otherwise unsuitable material. Vegetation and debris should be removed and properly disposed of off-site. Holes resulting from the removal of buried obstructions, which extend below proposed removal bottoms, should be replaced with suitable compacted fill material.

Removal Depths

Existing onsite fill materials should be removed to competent older alluvial material (Qof) and replaced as properly compacted fill. Prior to placement as compacted fill, any significant organic materials, construction debris or other unsuitable materials shall be removed and properly exported offsite.

Removal Bottoms and Subgrade Preparation

In general, subgrade areas, removal bottom areas, and any areas to receive compacted fill should be scarified to a minimum depth of 6 inches, brought to a near-optimum moisture condition, and re-compacted per project recommendations.

Material for Fill

From a geotechnical perspective, the onsite soils are generally considered suitable for use as general compacted fill, provided they are screened of organic materials, construction debris and any oversized material (8 inches in greatest dimension). Moisture conditioning of site soils should be anticipated as outlined in the section below. Soils should also be screened of organic materials, construction debris and any material greater than 3 inches in maximum dimension. As site development will require substantial import, it is anticipated that the imported material will vary greatly in composition. From a geotechnical viewpoint, "select" import soils would be preferable in the upper 15 feet of the finish surface of the area of proposed development. These soils should consist of clean, relatively granular soils of Very Low expansion potential (expansion index 20 or less based on ASTM D4829) and no particles larger than 3 inches in greatest dimension.

Fill Placement and Compaction

Material to be placed as fill should be brought to near-optimum moisture content (generally at or about 2 percent above optimum moisture content) and recompacted to at least 90 percent relative compaction (per ASTM D1557). Soils are generally anticipated to require additional moisture in order to achieve the required compaction. Soils may also be present where drying and/or mixing very moist soils will be required prior to reusing the materials as compacted fill. The optimum lift thickness to produce a uniformly compacted fill will depend on the type and size of compaction equipment used. In general, fill should be placed in uniform lifts not exceeding 8 inches in loose thickness. Each lift should be thoroughly compacted and accepted prior to subsequent lifts. Generally, placement and compaction of fill should be performed in accordance with local grading ordinances and with observation and testing by the geotechnical consultant. Recommendations are provided for appropriate handling of oversized materials in Appendix D of the LGC Geotechnical Report dated January 18, 2018.

TOPOGRAPHY SOURCE

BRENT ENGINEERING INC.
TOPO SOURCE METHOD FIELD SURVEY
TOPO SOURCE DATE OCTOBER 21, 2017

BENCHMARK

DX- 1717 THIS BENCHMARK WAS TAKEN FROM THE COUNTY OF RIVERSIDE VERTICAL CONTROL BOOK.

ASSESSORS PARCEL NUMBER

APN 329-240-046 / 048 / 049 / 051

LEGAL DESCRIPTION

MB 14/63 ROMOLAND FARMS 6A
T5S R3W SEC 10

Abbreviations:

PL	Property Line
C/F	Cut Fill Line
P/B	Project Boundary
M-M / R/R	City of Menifee Zoning
EDC	Economic Development Corridor
EP	Edge of Pavement
CL	Centerline

PHASE 1 (WORK UNDER PERMIT GP17-087)

TOTAL DISTURBED AREA

TOTAL SITE DISTURBED = 9 ACRES

GRADING QUANTITIES

GRADED AREA _____ 9.0 [ACRES]
REMEDIAL EXCAVATION _____ 36,488 [CYD]
CUT QUANTITIES _____ 5,000 [CYD]
FILL QUANTITIES _____ 207,000 [CYD]
IMPORT/EXPORT _____ 202,000 [CYD]

SHEET INDEX

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PHASE 2 (FOR THIS PERMIT ONLY)

TOTAL DISTURBED AREA

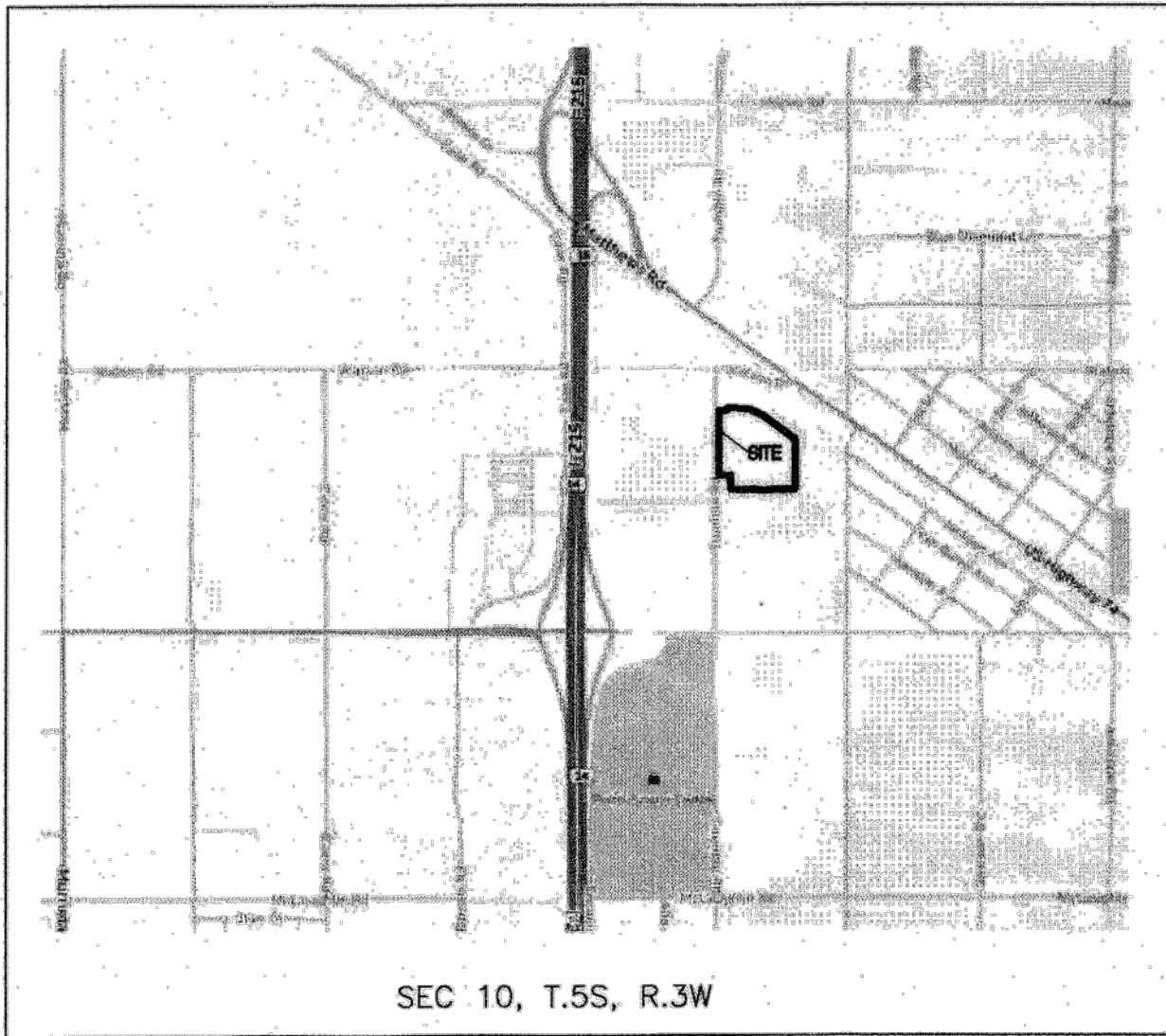
TOTAL SITE DISTURBED = 7.6 ACRES

GRADING QUANTITIES

GRADED AREA _____ 8.8 [ACRES]
REMEDIAL EXCAVATION _____ 15,100 [CYD]
CUT QUANTITIES _____ 16,584 [CYD]
FILL QUANTITIES _____ 306,448 [CYD]
IMPORT/EXPORT _____ 289,864 [CYD]

MAX. CUT DEPTH ____6____ [FT]
MAX CUT SLOPE RATIO (2:1MAX) ____3:1____
MAX. FILL DEPTH ____44____ [FT]
MAX FILL SLOPE RATIO (2:1MAX) ____5:1____

THIS PROJECT PROPOSES TO EXPORT ____0____ CUBIC YARDS OF MATERIAL FROM THIS SITE. ALL EXPORT MATERIAL SHALL BE DISCHARGED TO A LEGAL DISPOSAL SITE. THE APPROVAL OF THIS PROJECT DOES NOT ALLOW PROCESSING AND SALE OF THE MATERIAL. ALL SUCH ACTIVITIES REQUIRE A SEPARATE CONDITIONAL USE PERMIT.



SEC 10, T.5S, R.3W

VICINITY MAP



WDID #: 8 33C382387

Rich Soltysiak

SIGNATURE OF ENGINEER OF RECORD

R.C.E. # 37233
EXP. DATE 06/30/24

1/12/23

DATE

GRADING NOTES

1. The contractor shall take all necessary and proper precautions to protect adjacent properties from any and all damage that may occur from storm water runoff and/or deposition of debris resulting from any and all work in connection with his private development construction.
2. Prior to removal of vegetation and grading of the site, all mitigation monitoring as identified and itemized in the Planning Commission/Community Development Conditions of Approval shall be addressed to the satisfaction of the Community Development Director and the City Engineer.
3. Fill areas shall be cleared of all vegetation and debris, scarified, and inspected by the grading inspector and soils engineer prior to the placing of fill.
4. All cesspools, septic tanks, etc., to be abandoned shall be filled or removed in accordance with the Riverside County Health Department and certified by the soils engineer and as approved by the City Engineer.
5. Any existing wells not to be used shall be destroyed in accordance with Riverside County Ordinance 682.
6. During rough grading operations and prior to construction of permanent drainage structures, temporary drainage control (Best Management Practices, BMPs) shall be provided to prevent ponding water and damage to adjacent properties
7. Prior to any construction, the developer shall provide the City a Copy of the NOI with a valid WDID number.

CUT/FILL NOTES

1. No fill shall be placed on existing ground until the ground has been cleared of weeds, debris, topsoil and other deleterious material.
2. Cut slopes shall be no steeper than 2 horizontal to 1 vertical, or as determined by the soils engineer and approved by the City Engineer.
3. Fill slopes shall be no steeper than 2 horizontal to 1 vertical, or as determined by the soils engineer and approved by the City Engineer.
4. Mid slope terraces at least six (6) feet in width shall be established at not more than thirty (30) foot vertical intervals on all cut or fill slopes, except that where only one (1) terrace is required, it shall be at mid-height. For cut or fill slopes greater than 60 feet and up to 90 feet in vertical height, one terrace at approximately mid-height shall be 12 feet in width. Terrace widths and spacing for cut and fill slopes greater than 90 feet in vertical height shall be designed by a professional engineer and approved by the City Engineer. Suitable access shall be provided to permit proper cleaning and maintenance.
5. The slope stability for cut and fill slopes over 30 feet in vertical height and for slopes steeper than 2:1 (H:V) shall be verified with a factor of safety of at least 1.5 by calculations submitted by the soils engineer to the City of Menifee Engineering Department.
6. Fills shall be placed in thin lifts (8 inch max or as recommended in soils report), compacted and tested as grading progresses until final grades are attained. Fills on slopes steeper than 5:1 (H:V) and a height greater than 5 feet shall be keyed and benched into firm natural soil for full support. The bench under the toe shall be 10 feet wide min. and 2'high min.
7. No rock or similar irreducible material with a maximum dimension greater than 12 inches in any dimension shall be buried or placed in fills.
8. STOCK PILE REQUIREMENTS: CASQA Best Management Practice, Construction, Section WM-3 – Stockpiles which have not been used for 14 calendar days shall be stabilized through the application of sod, seed, and anchored straw mulch, or other approved stabilization measures.
9. When material is being imported from an approved permitted borrow site, the after topographical survey of the excavated portion of the basin shall be submitted along with the Rough Grading Certificate(s).
10. Hauling and/or Stockpile permits maybe not be combined with a Grading permit.

DRAINAGE NOTES

1. Existing drainage courses on the project site shall continue to function. Protective measures and temporary drainage provisions shall be used to protect adjoining properties during grading operations and shall be approved by the appropriate regulatory agency.
2. Drainage across the property line shall not exceed that which existed prior to grading. Excess or concentrated drainage shall be contained on site or directed to an approved drainage facility.
3. Mid slope swales or ditches on 6 feet and 12 feet wide terraces shall have a minimum gradient of five (5) percent and must be paved with reinforced concrete, or approved equal, not less than three (3) inches in thickness. A single run of swale or ditch shall not collect runoff from a tributary area exceeding 13,500 square feet (projected) without discharging into a down drain.
4. Interceptor drains shall be installed along the top of cut slopes receiving drainage from a tributary width greater than 40 feet measured horizontally. Interceptor drains shall be 3 feet wide min. and 1 foot deep min., and shall have a minimum gradient of two (2) percent. The drain shall be paved with concrete not less than 3 inches thick.
5. Provide 4 feet wide by 1 feet high berm along the top of fill slopes steeper than 3:1 (H:V) where necessary.
6. Minimum building pad drainage gradient shall be = 1 percent if cut or fill is less than 10 feet, 2 percent if cut or fill is greater than 10 feet.
7. The ground immediately adjacent to the building foundation shall be sloped away at 2% min. to 20% max. for the first three feet, and 1% thereafter. Swales shall have a 1% min. slope.
8. Residential lot grading shall conform to the City of Menifee Standard Plan No.300.
9. The engineer must set grade stakes for all drainage devices and obtain City inspection clearance before placing concrete.
10. Riprap shall be graded stone where the average size (d50) is the size where 50% of the riprap by weight is smaller.
11. The formula for the d50 stone size is as follows: d50 = 0.010V^{2.44} where V = mean channel velocity in fps
12. The riprap section shall consist of geofabric placed on 12" of compacted subgrade to 90% relative density, 6" of aggregate base and the riprap placed to twice the thickness of the d50 stone size to the higher even inch.
13. Riprap stone shall comply with those provisions of Subsection 200–1.6 of the Standard Specifications.
14. Aggregate base shall conform to Number 2 gradation as provided in Subsection 400–1.3.2 of the Standard Specifications.
15. Rocks for grouted riprap shall be a good quality broken and/or river run rock. The smallest dimensions shall exceed 3 inches and the largest dimension shall not exceed 18 inches. The largest dimension shall not exceed 4 times the smallest dimension.
16. There shall be a grout bed of at least 2 inches beneath the first layer of rock. All the voids between the rocks shall be filled with grout. Maximum spacing between rocks shall be 2 inches.
17. Surface rocks shall be imbedded from ½ to 2/3 of their maximum dimension.

COMPLETION OF WORK

1. A registered Civil Engineer shall submit to the City of Menifee Engineering Department written rough grading certification of completion of grading in accordance with the approved grading plan prior to requesting inspection and issuance of the building permit. Certification shall include line, grade, surface drainage, elevation, and location of permitted grading on the lot.
2. After all work, including the installation of drainage structures and protective devices, has been completed and required reports have been submitted, the permittee shall request a rough grading inspection from the City of Menifee Building Inspector.
3. A registered Civil Engineer shall submit to the City of Menifee Engineering Department for approval written final grading certification of completion in accordance with the approved plans. Finish grading shall be completed and installed including slope planting and permanent erosion control and irrigation systems prior to occupancy.

EROSION CONTROL NOTES

1. In case of emergency, call Ron Burek at949 633–9917. All public streets shall be maintained free of dust and sediment caused by grading operations
3. A standby crew for emergency work shall be available at all times. Necessary materials shall be available on–site and stockpiled at convenient locations to facilitate rapid construction of emergency devices when rain is imminent.
4. Erosion control devices shown on this plan may be removed when approved by the Building and Safety/Public Works Inspector if the grading operation has progressed to the point where they are no longer required.
5. Graded areas adjacent to fill slopes located at the site perimeter must drain away from the top of slope at the conclusion of each working day.
6. All silt and debris shall be removed from all devices within 24 hours after each rainstorm.
7. A guard shall be posted on the site whenever the depth of water in any device exceeds 2 feet. The device shall be drained or pumped dry within 24 hours after each rainstorm.
8. Except as otherwise approved by the Building and Safety Inspector, all removable protective devices shown shall be in place at the end of each working day or weekends when the 5–day rain probability forecast exceeds 40%.
9. All loose soil and debris which may create a potential hazard to off–site property shall be removed from the site as directed by the Public Works Inspector.
10. The placement of additional devices to reduce erosion damage within the site shall be at the discretion of the City Engineer.
11. Desilting basins may not be removed or made inoperable between October 1 and May 1 without the approval of the City Inspector.
12. Erosion control devices shall not be modified without the approval of the City Engineer.
13. Revised plans shall be submitted to the City for approval.
14. The Contractor shall supervise erosion control work in accordance with the approved plans. The work also includes, but is not limited to, inspection of erosion control measures before rainstorm and 5–day probability rain forecast.
15. During rough grading operations and prior to construction of permanent drainage structures, temporary drainage control (Best Management Practices, BMPs) shall be provided to prevent ponding water and damage to adjacent properties.
16. Implement fugitive dust control measures dust by watering or other approved methods in compliance with South Coast Air Quality Management District (SCAQMD) Rule 403.
17. For slopes 3:1 (H:V) or steeper: Slopes equal to or greater than 3 feet in vertical height shall be planted with drought tolerant grass or ground cover at a maximum spacing of 12 inch on center. Slopes exceeding 15 feet in vertical height shall be planted with approved shrubs not to exceed 10 feet on center, or trees spaced not to exceed 20 feet on center or shrubs not to exceed 10 feet, or a combination of shrubs and trees not to exceed 15 feet in addition to the grass or ground cover. Slopes that require planting shall be provided with an in–ground irrigation system equipped with an appropriate backflow device per California Plumbing Code, Chapter 6. The slope planting and irrigation system shall be installed prior to precise grading final inspection.

CONSTRUCTION NPDES NOTES

- When one acre or more is being disturbed or on sites that are part of a larger common plan of development that disturbs one acre or more:
1. Developer/Contractor is responsible for the implementation of the requirements of the onsite Storm Water Pollution Prevention Plan (SWPPP) (title) by (name) dated (date); and the requirements of this document: WDID # **8 33C382387** . The Developer/Contractor shall be responsible to install and maintain all temporary Best Management Practices (BMPs), shown in the approved Erosion Control Plans, throughout the time of construction. A copy of the SWPPP and the approved Erosion Control plans shall be kept at the job site at all times. The implementation and maintenance of site BMPs is required to minimize jobsite erosion and sedimentation. BMPs shall be required to remain in place throughout the year to minimize erosion and sedimentation.
 2. Implement and maintain erosion control BMPs to minimize the entrainment of soil in runoff from disturbed soil areas on construction sites.
 3. Implement and maintain year round sediment control BMPs to minimize the transport of soil from the construction site.
 4. Phase grading to limit the amount of disturbed areas exposed to the extent feasible.
 5. Limit areas that are cleared and graded to only the portion of the site that is necessary for construction. Manage the construction site to minimize the exposure time of disturbed soil areas through phasing and scheduling of grading and the use of temporary and permanent soil stabilization.
 6. At any time during the year, stabilize slopes prior to a predicted storm event. Once disturbed, stabilize slopes (temporary or permanent) if they will not be worked within 14 days. Re–vegetate construction sites as early as feasible after soil disturbance.
 7. Contain stockpiles of soil to eliminate or reduce sediment transport from the site via runoff, vehicle tracking, or wind.
 8. Maintain construction sites to ensure that a storm does not carry wastes or pollutants off the site. Discharges other than stormwater (non–stormwater discharges) are prohibited, except as authorized by an individual NPDES permit, the statewide General Permit–Construction Activity.
 9. Contain runoff from equipment and vehicle washing at construction site to prevent discharging to receiving waters or the local storm drain system.
 10. Implement BMPs for construction–related materials, wastes, spills or residues to eliminate or reduce transport from the site to streets, drainage facilities, or adjoining properties by wind or runoff.
 11. Ensure construction contractors and subcontractor personnel are aware of the required BMPs, maintenance, and good housekeeping measures for the project site and any associated construction staging areas.
 12. Maintain BMPs at all times. Inspect BMPs prior to predicted storm events, during and following storm events.
 13. Collect and properly dispose of in trash or recycle bins at the end of each day of construction activity, construction debris and waste materials.
 14. 24 Hour Emergency NPDES Contact: For the person responsible for implementing, inspecting, and maintaining the site's Erosion Control BMP's.
Name: Ron Burek
Address: 20 Old Ranch Road Laguna Niguel CA
Phone: 949 633–9917
Change of such person, address or phone number shall be filed within 24 hours with the City of Menifee Engineering Department and the project Inspector, and shall include the grading permit number.

CULTURAL RESOURCES DISPOSITION

- In the event that Native American cultural resources are discovered during the course of grading (inadvertent discoveries), the following procedures shall be carried out for final disposition of the discoveries:
- A) One or more of the following treatments, in order of preference shall be employed with the tribes. Evidence of such shall be provided to the City of Menifee Community Development Department:
 - B) Preservation–in–Place of the cultural resources, leaving them in the place where they were found with no development affecting the integrity of the resources.
 - C) Reburial of the resources on the Project property, the measures for reburial shall include, at least, the following: Measures and provisions to protect the future reburial area from any future impacts in perpetuity. Reburial shall not occur until all legally required cataloging and basic recordation have been completed, with an exception that sacred items, burial goods and Native American human remains are excluded. Any reburial process shall be culturally appropriate. Listing of contents and location of the reburial shall be included in the confidential Phase IV report. The Phase IV report shall be filed with the City under a confidential cover and not subject to Public Records Request.
 - D) If preservation in place or reburial is not feasible then the resources shall be curated in a culturally appropriate manner at a Riverside County curation facility that meets State Resources Department Office of Historic Preservation Guidelines for the Curation of Archaeological Resources ensuring access and use pursuant to the Guidelines, the collection and associated records shall be transferred, including title, and are to be accompanied by payment of the fees necessary for permanent curation. Evidence of curation in the form of a letter from the curation facility stating that subject archeological materials have been received and that al fees have been paid, shall be provided by the landowner to the City. There shall be no destructive or invasive resting on sacred items, burial goods and Native American human remains. Results concerning finds of any inadvertent discoveries shall be included in the Phase IV monitoring report.





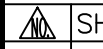
INADVERTENT ARCHEOLOGICAL FIND

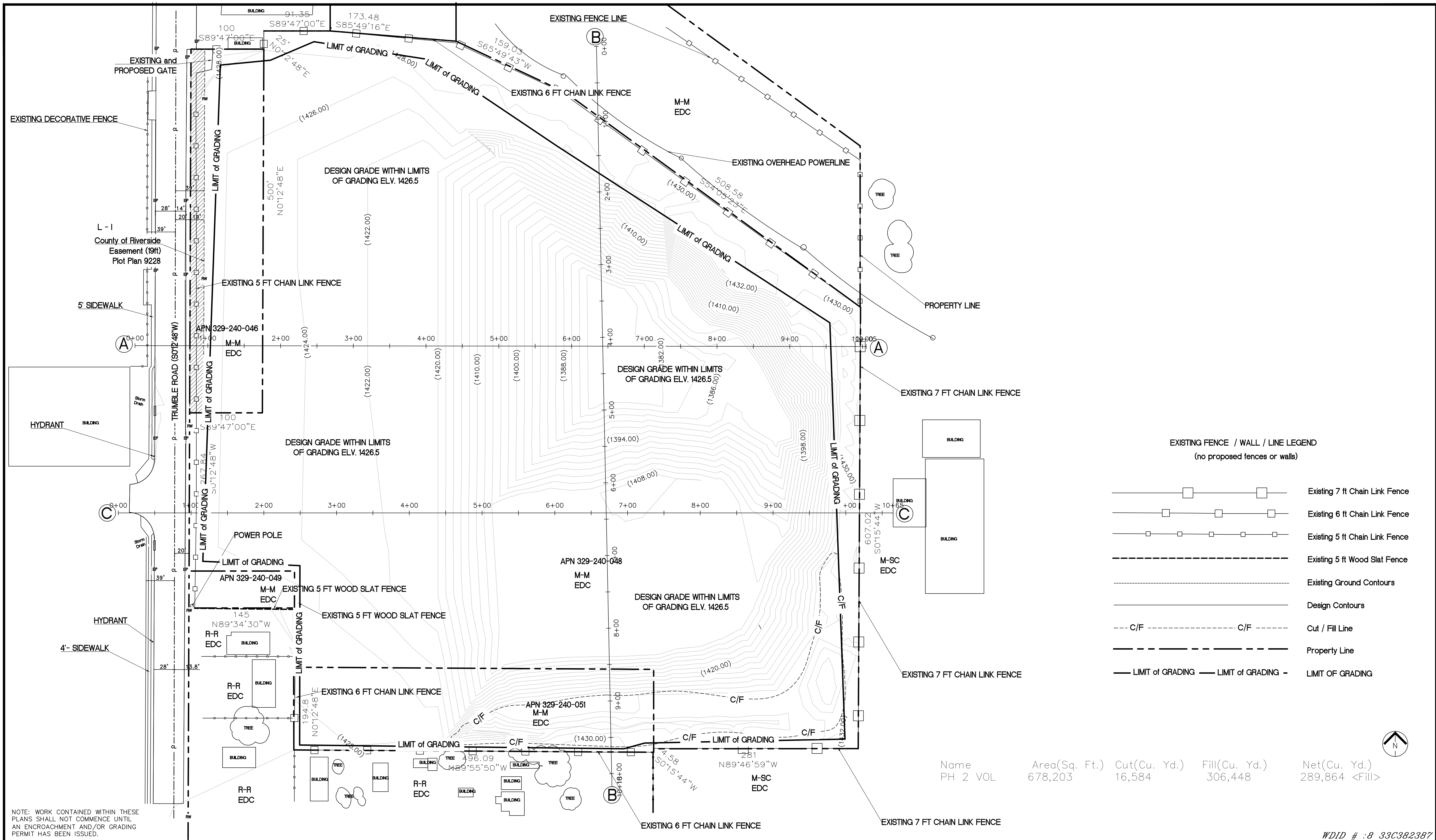
- If during ground disturbance activities, unique cultural resources are discovered that were not assessed by the archaeological report(s) and / or environmental assessment conducted prior to the project approval, the following procedures shall be followed. Unique cultural resources are defined, for this condition only, as being multiple artifacts in close association with each other, but may include fewer artifacts if the area of the find is determined to be of significance due to its sacred or cultural importance as determined in consultation with the Native American Tribe(s).
- A) All ground disturbance activities within 100 feet of the discovered cultural resources shall be halted until a meeting is convened between the developer, the archaeologist, the tribal representative(s) and the Community Development Director, as to discuss the significance of the find.
 - B) At the meeting, the significance of the discoveries shall be discussed and after consultation with the tribal representative(s) and the archaeologist, a decision shall be made, with the concurrence of the Community Development Director, as to the appropriate mitigation (documentation, recovery, avoidance, etc.) for the cultural resources.
 - C) Grading of further ground disturbance shall not resume within the area of the discovery until an agreement has been reached by all parties as to the appropriate mitigation. Work shall be allowed to continue outside the buffer area and will be monitored by additional Tribal monitors if needed.
 - D) Treatment and avoidance of the newly discovered resources shall be consistent with the Cultural Resources Management Plan and Monitoring Agreements entered into with the appropriate tribes. This may include avoidance of the cultural resources through project design, in–place preservation of cultural resources located in native soils and/or re–burial on the Project property so they are not subject to further disturbance in perpetuity as identified in Non–Disclosure of Reburial Condition.
 - E) Pursuant to Calif. Pub. Res. Code 21083.2 (b) avoidance is the preferred method of preservation for archaeological resources and cultural resources. If the landowner and the Tribe(s) cannot agree on the significance of the mitigation for the archaeological or cultural resources, these issues will be presented to the City Community Development Director for decision. The City Community Development Director shall make the determination based on the provisions of the California Environmental Quality Act with respect to archaeological resources, recommendations of the project archeologist and shall take into account the cultural and religious principles and practices of the Tribe. Notwithstanding any other rights available under law, the decision of the City community Development Director shall be appealable to the City Planning Commission and/or City Council.

Non-Disclosure of Location Reburials

It is understood by all parties that unless otherwise required by law, the site of any reburial of Native American human remains or associated grave goods shall not be disclosed and shall not be governed by public disclosure requirements of the California Public Records Act. The Coroner, pursuant to the specific exemption set forth in California Government Code 6254 (r), parties and Lead Agencies, will be asked to withhold public disclosure information related to such reburial, pursuant to the specific exemption set forth in California Government Code 6254 (r).

WDID # :8 33C382387

<div>Call before you dig Avoid cutting underground utility lines. It's deadly.</div> <div>Call 811</div> <div>OR 1-800-422-4123</div>	REVISIONS				PREPARED BY: <div>RDS And Associates</div> <div>30519 Waiola Court Temecula, CA 92592 ph 951-691-7706 email rdel@dslextrreme.com</div> <div></div> <div><i>Rich Sotysiak</i> 10/12/22</div>	ENGINEER SEAL <div></div>	SCALE: NTS DESIGN: RS DRAWN: RB CHECKED: . APPROVED: . DATE: October 5, 2022	SEAL <div></div>	CITY OF MENIFEE ENGINEERING DEPARTMENT PHASE 2 TRUMBLE ROAD PIT RESTORATION GRADING NOTES	<div><i>SHEET NO.</i> 2 <i>of 5</i></div> <div>PROJECT NO: <i>GP22–019</i></div>	
	<div> SHT.</div>	DESCRIPTION	DATE	BY							APPR



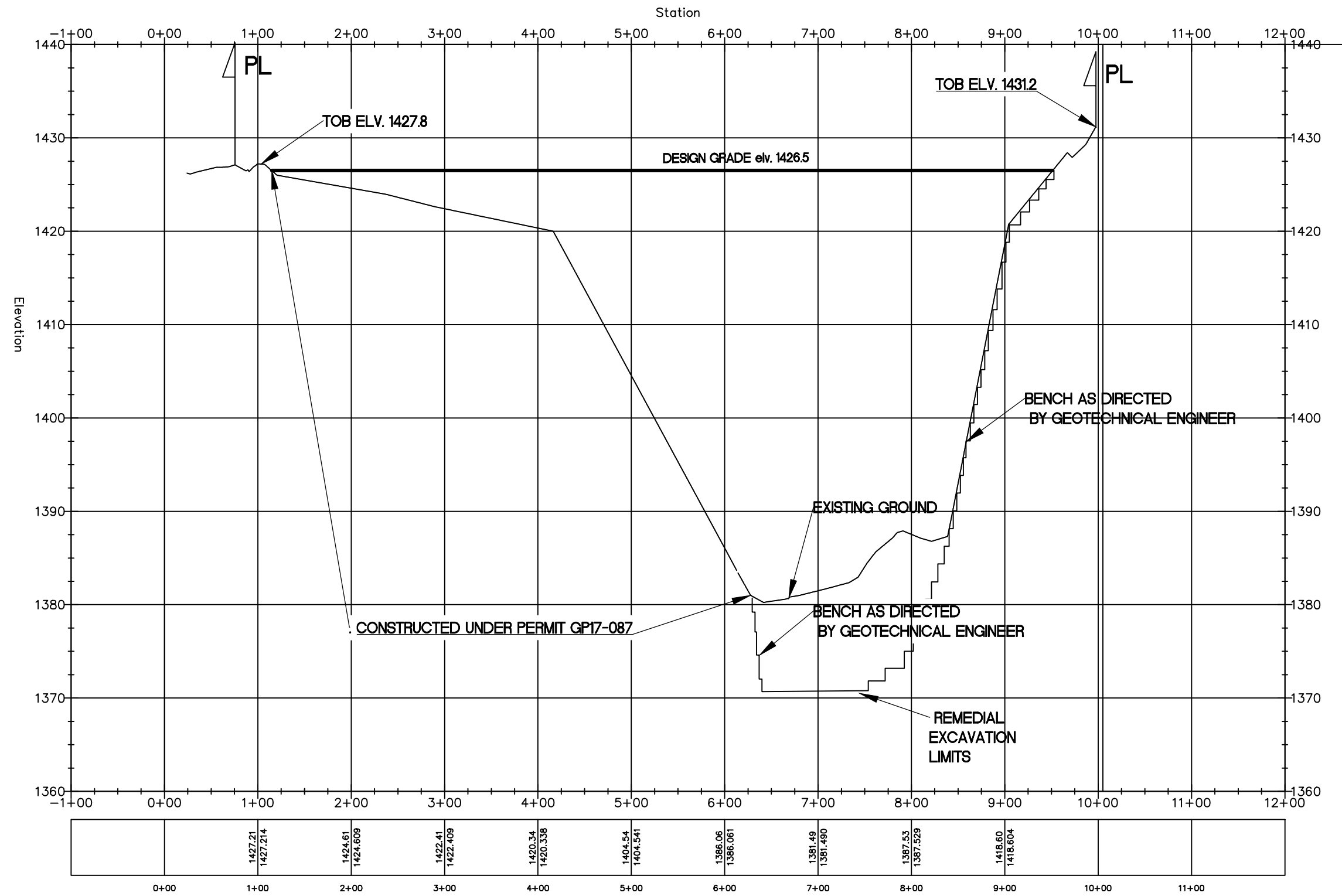
EXISTING FENCE / WALL / LINE LEGEND
(no proposed fences or walls)

- Existing 7 ft Chain Link Fence
- Existing 6 ft Chain Link Fence
- Existing 5 ft Chain Link Fence
- Existing 5 ft Wood Slat Fence
- Existing Ground Contours
- Design Contours
- Cut / Fill Line
- Property Line
- LIMIT of GRADING

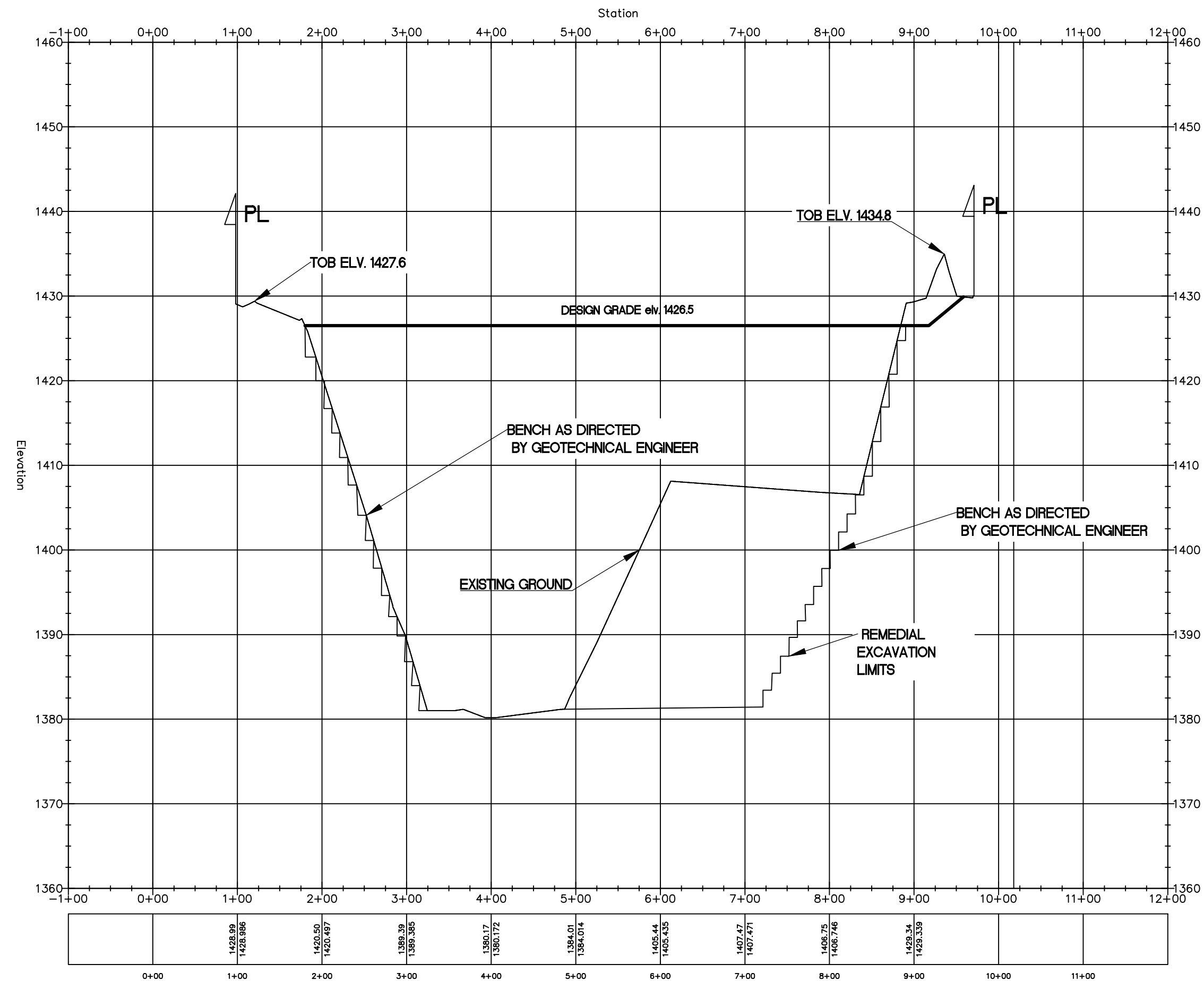
Name: PH 2 VOL
Area(Sq. Ft.): 678,203
Cut(Cu. Yd.): 16,584
Fill(Cu. Yd.): 306,448
Net(Cu. Yd.): 289,864 <Fill>

WDID #: 8 33C382387

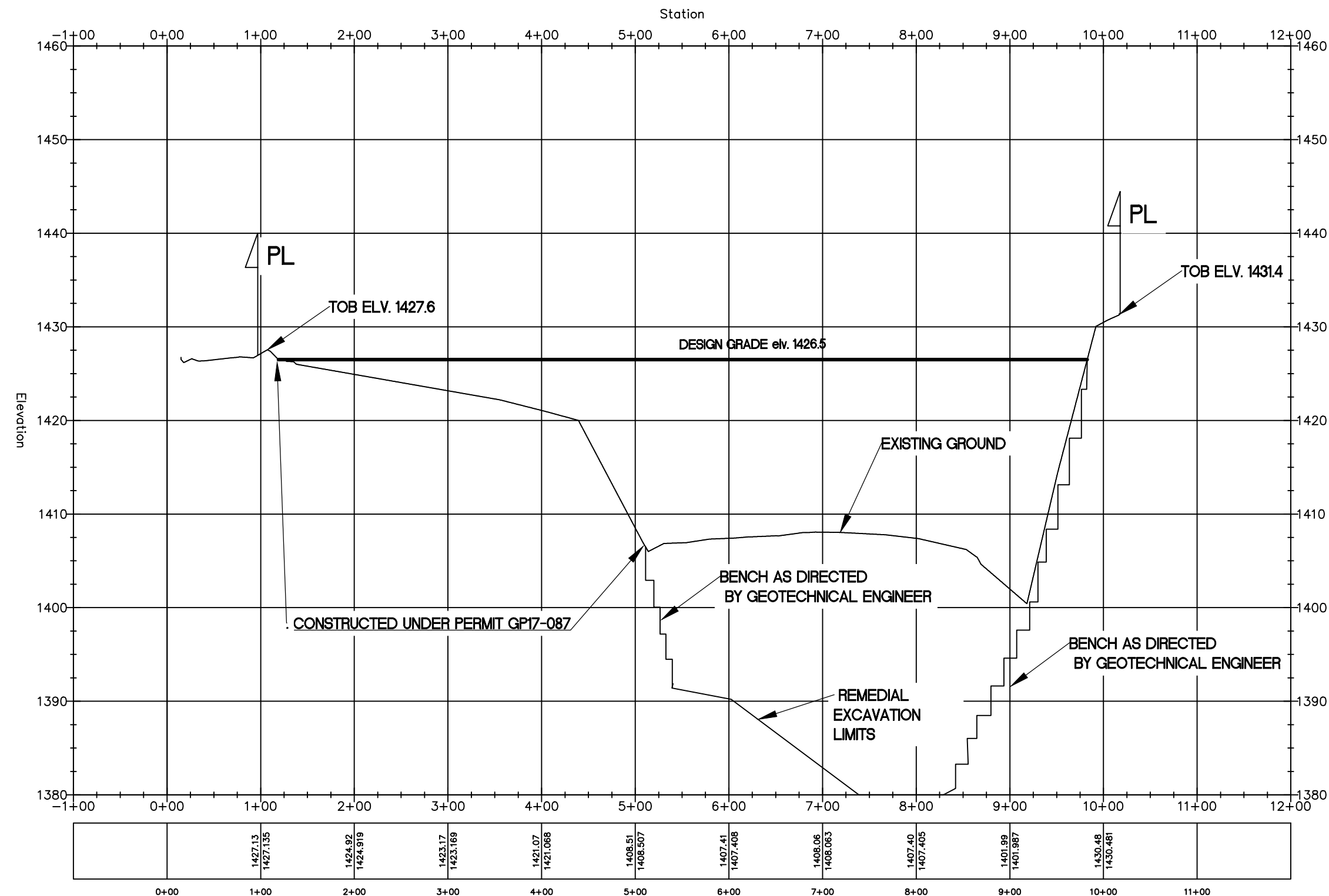
Section A PROFILE



Section B PROFILE



Section C PROFILE



NOTE: WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT AND/OR GRADING PERMIT HAS BEEN ISSUED.

WDID # :B 33C382387

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Avoid cutting underground utility lines. It's costly.
Call 811
OR
1-800-422-4123

REVISIONS	DATE	BY	APPROVED
SHT.	DESCRIPTION		

PREPARED BY:



30519 Wailea Court
Temecula, CA 92592
ph 951-691-7706
email rds@rdslexreme.com

Rich Soltysiak 10/12/22

ENGINEER SEAL



SCALE: 1" = 60'

DESIGN: RS

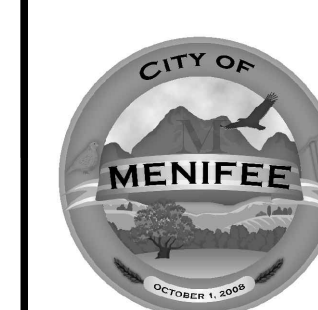
DRAWN: RB

CHECKED: .

APPROVED: .

DATE: October 5, 2022

SEAL



CITY OF MENIFEE
ENGINEERING DEPARTMENT
PHASE 2 TRUMBLE ROAD PIT RESTORATION

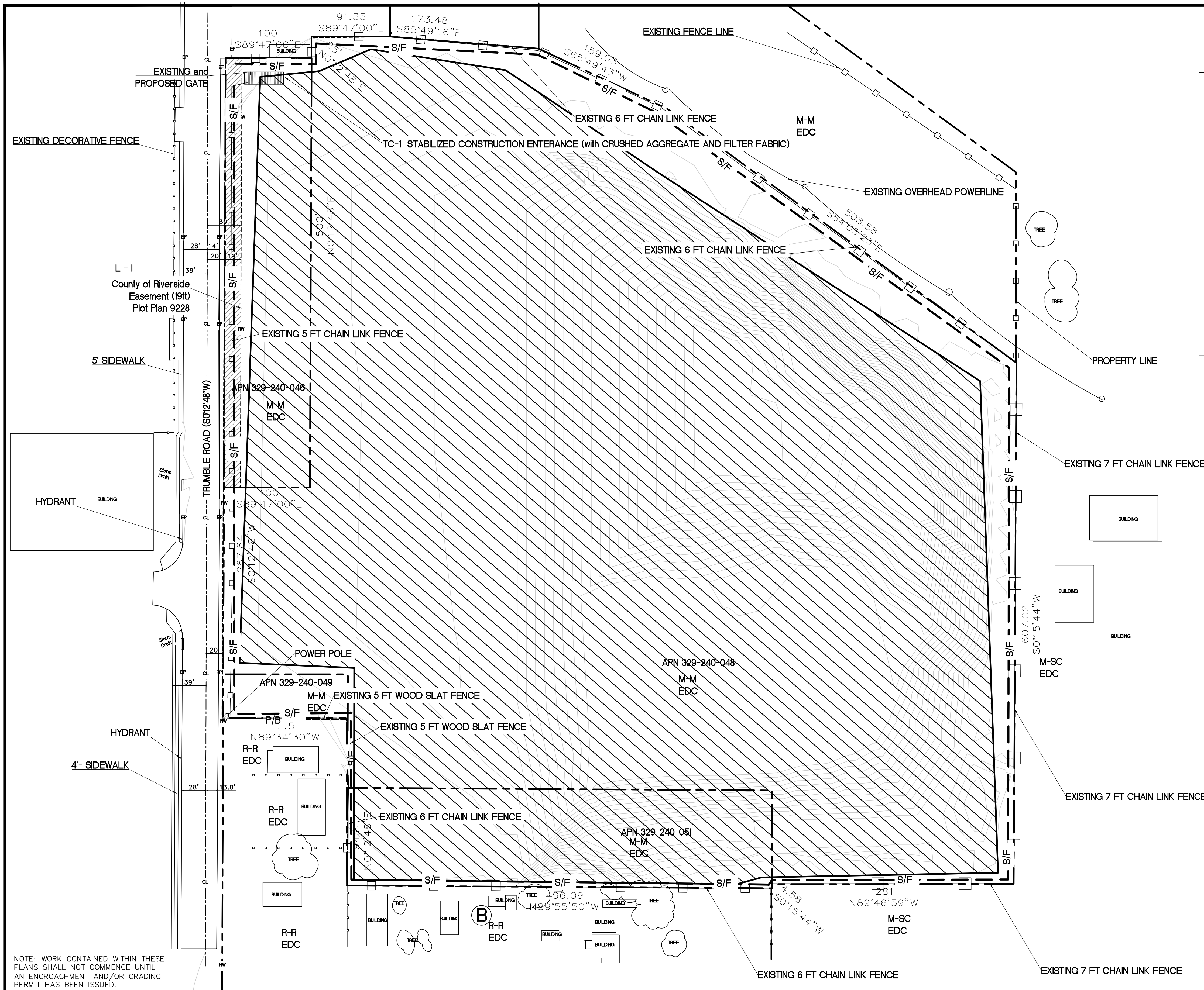
CROSS SECTIONS

SHEET NO.

4

4 of 5

PROJECT NO: GP22-019



Silt Fence SC-1

Definition and Purpose: A silt fence is a temporary linear sediment barrier of permeable fabric designed to intercept and slow the flow of sediment-laden sheet flow runoff. Silt fences allow sediment to settle from runoff before water leaves the construction site.

Appropriate Applications:

- Silt fences are placed:
 - Below the top of exposed and erodible slopes.
 - Down slopes of exposed soil areas.
 - Around temporary stockpiles.
 - Along streams and channels.
 - Along the perimeter of a project.

Limitations:

- Not effective unless trenched and keyed in.
- Not intended for use as mid-slope protection on slopes greater than 1:4 (V:H).
- Must be maintained.
- Must be removed and disposed of.
- Don't use below slopes subject to creep, slumping, or landslides.
- Don't use in streams, channels, drain ditches, or anywhere flow is concentrated.
- Don't use silt fences to divert flow.

California Storm Water Quality Requirements
Construction Site Best Management Practices Manual
March 1, 2005

Soil Binders SS-5

Definition and Purpose: Soil binders consist of applying and maintaining a soil stabilizer to exposed soil surfaces. Soil binders are materials applied to the soil surface to temporarily prevent wind-induced erosion of exposed soil on construction sites. Soil binders also provide temporary dust, wind, and soil stabilization (erosion control) benefits. This is one of five temporary soil stabilization alternatives to consider.

Appropriate Applications:

- Soil binders are typically applied to disturbed areas requiring short-term temporary protection. Because soil binders can often be incorporated into the work, they may be a good choice for areas where grading activities will soon resume. Application on stockpiles to prevent water and wind erosion.

Limitations:

- Soil binders are temporary in nature and may need reapplication.
- Soil binders require a minimum curing time and fully effective, as prescribed by the manufacturer, which may be 24 hours or longer. Soil binders may need reapplication after a rain event.
- Soil binders will generally experience some failure during heavy rainfall events. If rainfall permeates the soil at the top of a slope treated with a soil binder, it is likely that the runoff will undermine the stabilized soil layer and discharge at a point further down slope.
- Soil binders do not hold up to pedestrian or vehicular traffic across treated areas.
- Soil binders may not penetrate soil surfaces made up primarily of silt and clay, particularly when compacted.
- Storm water quality runoff sampling is required for many soil binders. Soil binders that do not require sampling are identified in the California SWPPP/WQCP Preparation Manual, Pollution Table, Attachment 5.

California Storm Water Quality Requirements
Construction Site Best Management Practices Manual
March 1, 2005

Stabilized Construction Entrance/Exit TC-1

Definition and Purpose: A stabilized construction access is defined as a point of entrance/exits to a construction site that is established to reduce the tracking of mud and dirt onto public roads by construction vehicles.

Appropriate Applications:

- Use at construction sites:
 - Where dirt or mud can be tracked onto public roads.
 - Adjacent to water bodies.
 - Where poor soils are encountered.
 - Where dust is a problem during dry weather conditions.
- This BMP may be implemented as a project or project basis in addition to other BMPs when determined necessary and feasible by the Resident Engineer (RE).

Limitations:

- Site conditions will dictate design and need.
- Limit the points of entrance/exits to the construction site.
- Limit speed of vehicles to control dust.
- Properly grade each construction entrance/exits to prevent runoff from leaving the construction site.
- Install runoff from stabilized entrance/exits through a sediment-trapping device before discharge.
- Design stabilized entrance/exits to support the heaviest vehicles and equipment that will use it.

California Storm Water Quality Requirements
Construction Site Best Management Practices Manual
March 1, 2005

BMP		QUANTITY
	AREA OF SOIL BINDER (LIMIT OF GRADING)	SS-5 678,000 SQFT
	TC-1 STABILIZED CONSTRUCTION ENTRANCE / EXIT (with CRUSHED AGGREGATE AND FILTER FABRIC)	TC-1 1 EA
	S/F SC-1 SILT FENCE	SC-1 3,452 LF

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OR
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REVISIONS				
SHT.	DESCRIPTION	DATE	BY	APPROVED

PREPARED BY:
RDS And Associates
30519 Wallace Court
Temecula, CA 92592
ph 951-691-7706
email rdel@dslextrreme.com

Rich Soltysiak 10/12/22

ENGINEER SEAL

SCALE: 1" = 60'
DESIGN: RS
DRAWN: RB
CHECKED: .
APPROVED: .
DATE: October 5, 2022

SEAL

**CITY OF MENIFEE
ENGINEERING DEPARTMENT**
PHASE 2 TRUMBLE ROAD PIT RESTORATION
EROSION CONTROL PLAN

WDID #: 8 33C382387
SHEET NO. 5 of 5
PROJECT NO: GP22-019