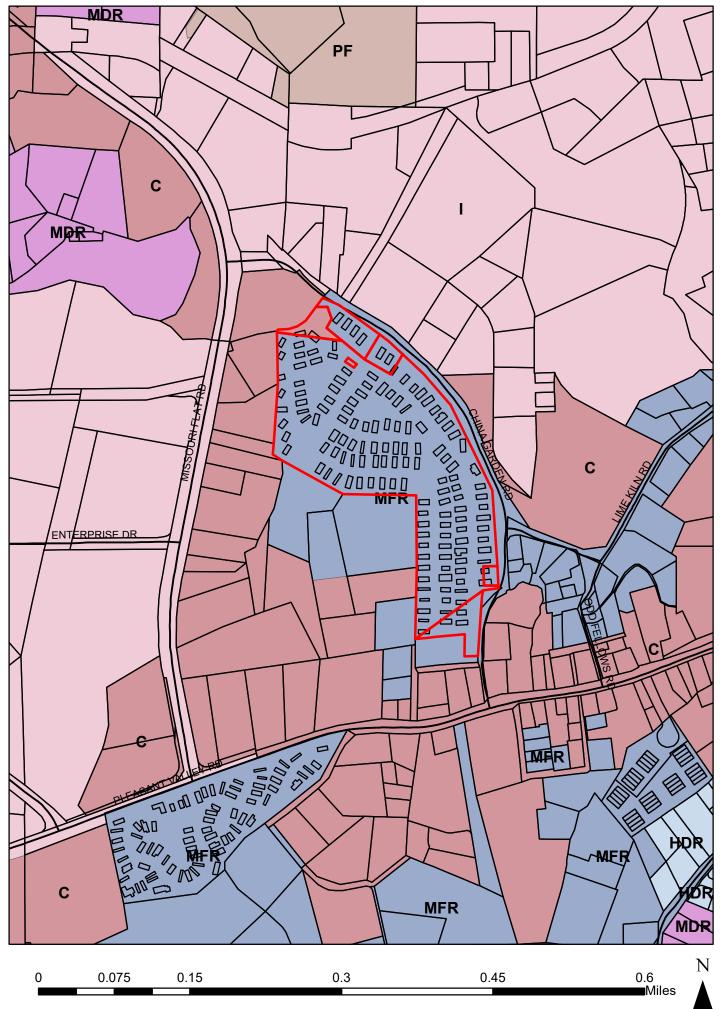
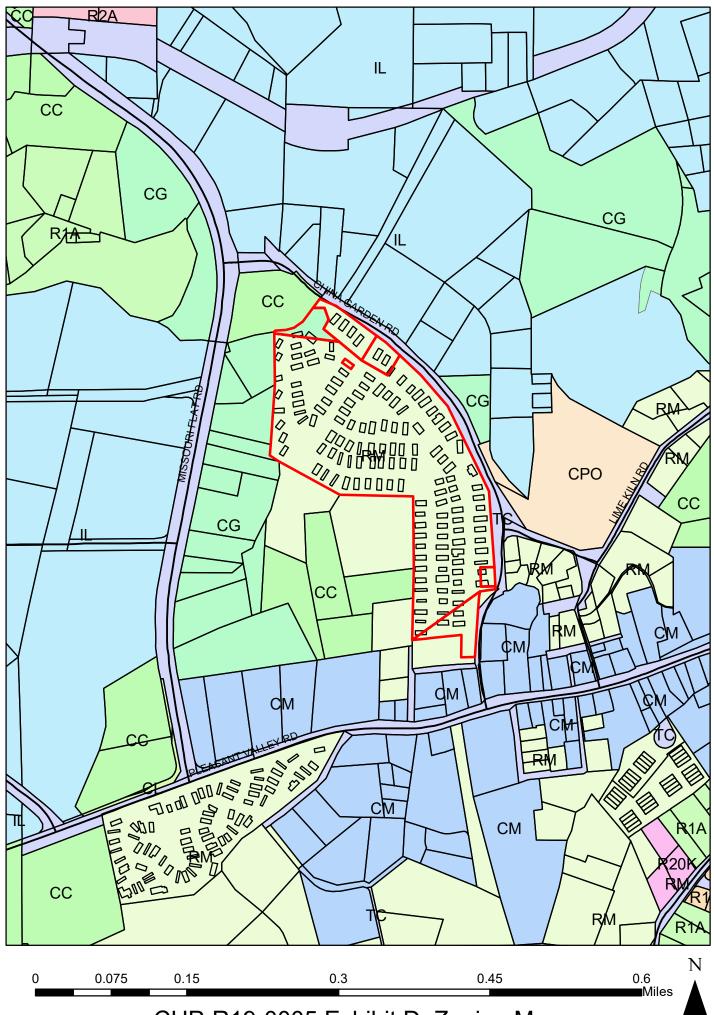


CUP-R19-0005 Exhibit A: Location/Vicinity Map

CUP-R19-0005 Exhibit B: Assessor's Parcel Map



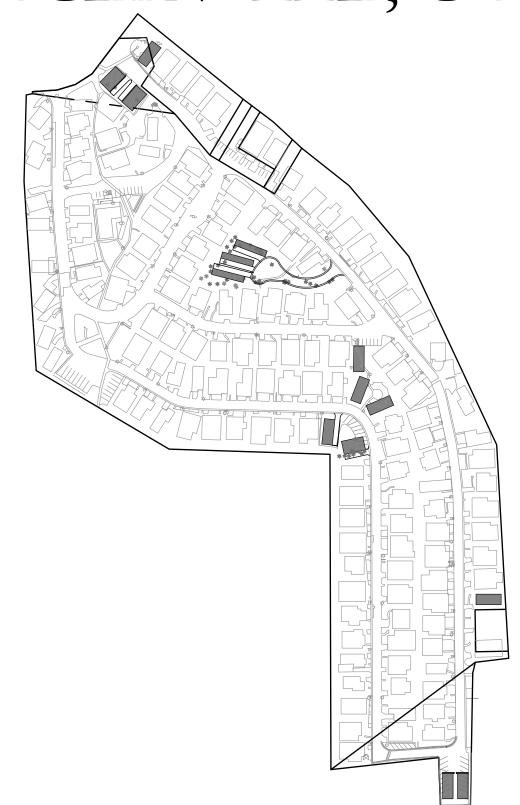
CUP-R19-0005 Exhibit C: General Plan Land Use Designation Map



CUP-R19-0005 Exhibit D: Zoning Map

DIAMOND SPRINGS MOBILE HOME PARK PROPOSED PARK EXPANSION

3550 CHINA GARDEN RD PLACERVILLE, CA 95667



PROJECT TEAM

PROJECT INFORMATION

ADDRESS:

PLACERVILLE, CA 95667

COMPLIANCE WITH THESE CODES.

APN: 054-321-46, 054-321-47, 054-321-48, 054-321-50 & 054-321-51

2013 CALIFORNIA BUILDING CODE, CALIFORNIA RESIDENTIAL CODE,

CALIFORNIA PLUMBING CODE, CALIFORNIA ELECTRICAL CODE,

ARE APPLICABLE TO THIS PROJECT. THIS PROJECT REQUIRES

CALIFORNIA GREEN STANDARDS CODE, CALIFORNIA MECHANICAL CODE,

STATE OF CALIFORNIA AND THE LOCAL JURISDICTION AND THE LATEST

VERSION OF ALL OTHER CODES ADOPTED BY THE LOCAL JURISDICTION

CALIFORNIA FIRE CODE, CALIFORNIA ENERGY CODE, AND CALIFORNIA

BUILDING STANDARDS ADMINISTRATIVE CODE AS AMENDED BY THE

3550 CHINA GARDEN RD

APPLICABLE CODE:

troy@reacc.com

AUTHORIZED AGENT J&H ASSET PROPERTY MGT, INC. 22880 SAVI RANCH PKWY YORBA LINDA, CA 92887

DIAMOND SPRINGS ASSOCIATES, LLC

troy@reacc.com

(949) 797-9133 EXT. 104

TROY SHADIAN, MANAGER

3333 MICHELSON DRIVE, SUITE 430

(714) 974-0397 EXT. 116

FAX:

OWNERS:

FAX:

EMAIL:

IRVINE, CA 92660

CONTACT: THOMAS PACELLI thomas@jandhmgt.com **EMAIL:**

DESIGNER

D&Z STRUCTURAL ENGINEERING, INC. 3389 MIRA LOMA DR. #3

CAMERON PARK, CA 95682 (530) 677-0900 (530) 677-0901 FAX: CONTACT: JIM DILLINGHAM

jdillingham@dz-engineering.com

6565 NORTH LAKEWOOD, LLC

3333 MICHELSON DRIVE, SUITE 430 **IRVINE**, CA 92660

(949) 797-9133 EXT. 104 FAX:

CONTACT: TROY SHADIAN, MANAGER

SCOPE OF WORK

DIAMOND SPRINGS MOBILE HOME PARK IS PROPOSING THE ADDITION OF 15 NEW RENTAL SPACES WITHIN THE EXISTING BOUNDARIES OF THE MOBILE HOME PARK. AN EXISTING OFFICE STRUCTURE ON SITE IS TO BE DEMOLISHED TO MAKE ROOM FOR THREE NEW SPACES, SIX NEW SPACES ARE TO BE CREATED AT VARIOUS LOCATIONS THROUGHOUT THE PARK ON VACANT LAND, THREE NEW SPACES ARE TO BE CREATED ON EXISTING PAVED PARKING AREAS, TWO NEW SPACES ARE TO BE CREATED AT UNDEVELOPED PAD LOCATIONS, AND AN EXISTING STICK FRAMED GARAGE STRUCTURE IS TO BE REMODELED INTO LIVING SPACE.

SHEET INDEX

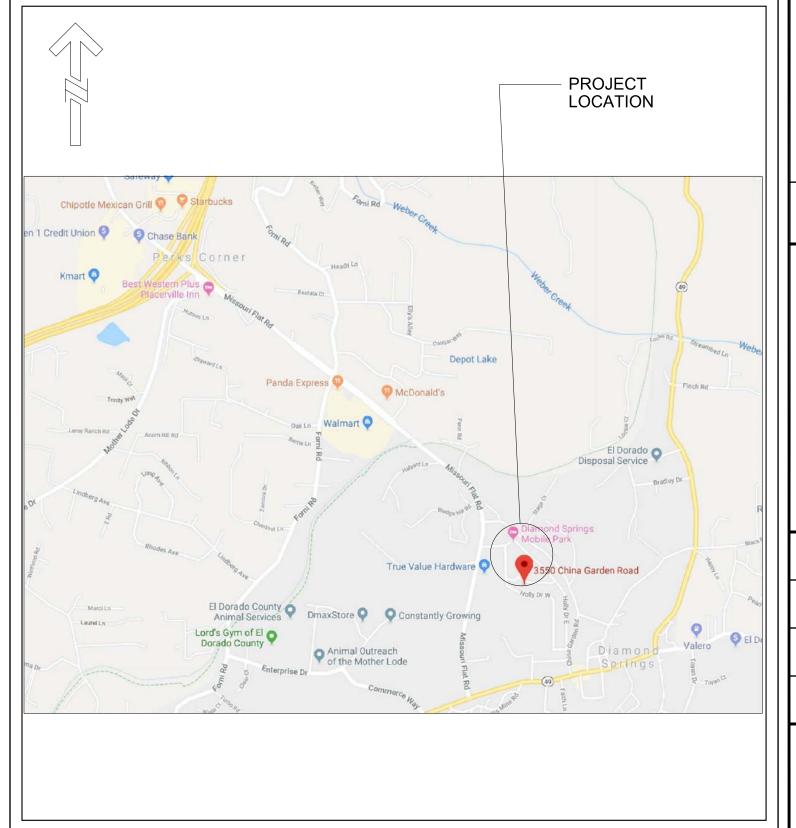
ROADWORK, GRADING & DRAINAGE NOTES C1.1 OVERALL MOBILE HOME PARK SITE PLAN C1.2 ENLARGED SITE PLAN ENLARGED SITE PLAN C1.4 **ENLARGED SITE PLAN** C1.5 ENLARGED SITE PLAN C2.1 DRAINAGE BMP'S

(E) EID WATER & SEWER MAINS

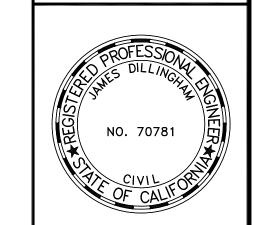
TITLE COVER SHEET

U1.1

VICINITY MAP







Diamond Springs MHP

Designed

MB MB 01/19

Title Cover Sheet

General Notes - Roadwork, Grading and Drainage

- 1. Materials, construction quality, and methods for this project are subject to the County of El Dorado Design and Improvement Standards Manual Standard Plans, and the State of California Department of Transportation Standard Plans and Standard Specifications.
- 2. All work shall be accomplished to the satisfaction of the Development Services Division Director, County of El Dorado or his authorized representative.
- 3. All reference to DSD shall mean the Development Services Division Director, County of El Dorado or his authorized representative.
- 4. All reference to the Standard Specifications shall mean the State of California Department of Transportation Standard Specifications dated July 2006
- 5. The Contractor shall have a responsible party, who shall have full authority to represent and act for the Contractor on site at all times during working hours.
- 6. The Contractor shall notify DSD 48 hours in advance of commencing work to schedule a pre-construction conference and inspection with the Engineer and DOT. No work shall begin until after the pre-construction conference and inspection have been completed.
- 7. The Contractor's attention is directed to section 7, "Legal Relations and Responsibility" of the Standard Specifications.
- 8. Rights to enter and construct shall be obtained prior to constructing any off-site work shown in these plans. Copies of such documents shall be kept on-site at all times during the performance of off-site work.
- 9. The Contractor shall contact Underground Service Alert (USA) 1800-642-2444 prior to performing any excavation on the project site. The owner(s) of identified existing underground facilities shall also be contacted prior to construction.
- 10. The contractor shall not construct any work without adequate construction staking. As a minimum, the following staking shall be required: 1) clearing limits, 2) slope stakes, 3) water line stakes, 4) sewer line stakes, 5) storm drain stakes, 6) finished grade stakes. Additional staking may be required by DSD due to the nature and/or complexity of the work. Lost or damaged stakes shall be replaced to the satisfaction of DSD whether resulting from construction procedures, vandalism, or any other cause.
- 11. The Contractor's attention is directed to County of El Dorado Resolution No. 199-91, which contains specific requirements for the protection and preservation of oak trees and wetlands. The Contractor shall remove only those trees shown on the plans to be removed. The Contractor shall install protective fencing at the drip line of all remaining trees within 50 feet of any grading, and otherwise comply with the provisions of said ordinance.
- 12. Construction hours shall be limited from Monday through Saturday, 7:00 a.m. to 7:00 p.m. (Or sunset), unless otherwise specified by separate agreement (Subdivision Grading Agreement, Subdivision Improvement Agreement, Road Improvement Agreement, etc.). All heavy equipment and any internal combustion engines shall be fitted with adequate mufflers.
- 13. The Contractor shall provide, place and maintain all lights, signs, delineators, barricades, temporary traffic striping, flagmen, detours or other devices necessary to provide for the safe and convenient passage of public vehicle and pedestrian traffic through the construction site.
- 14. The Contractor shall obtain the express written consent of DSD prior to implementing any lane closure or detour on a County maintained street or highway. All lane closures or detours shall conform to Chapter 5, "Traffic Controls for Construction and Maintenance Work Zones" of the State of California Department of Transportation Traffic Manual (latest edition).
- 15. The Contractor shall be responsible for Dust Control during construction. At least one water truck shall be on site at all times. Additional equipment may be required as determined by DOT.
- 16. The Contractor shall obtain an approved fugitive dust control plan, including provisions for asbestos hazard mitigation, if required, from the County of El Dorado Environmental Management Department prior to beginning of work.
- 17. If unusual amounts of stone, bone, or artifacts are uncovered during construction, all work shall be stopped within one hundred feet (100') of the find, and a qualified archaeologist consulted for an on-site evaluation. If the bone appears to be human, the El Dorado County Coroner and the Native American Heritage Commission (phone 916-322-7791) must be contacted.
- 18. If the presence of serpentine rock (SaF) is discovered during construction, the Contractor shall immediately notify the Owner, DOT

- and the El Dorado County Department of Environmental Management that serpentine rock is present on the site. Additionally, the Contractor shall implement the Asbestos Hazard Mitigation Provisions of the Fugitive Dust Plan prior to continuation of earthwork in areas where serpentine rock is present.
- 19. Upon job completion, it shall be the responsibility of the contractor to provide information to D&Z Structural Engineering, Inc. regarding any material changes made during construction as well as any other information required to be shown on the Record Drawings by DSD, the El Dorado Irrigation District (EID), other utility companies, or other responsible agencies.
- 20. Clearing and Grubbing shall conform to the provisions of section 16, "Clearing and Grubbing" of the Standard Specifications. Roots, stumps, trees, rocks or other deleterious substances shall be disposed of off-site and in a lawful manner.
- 21. Earthwork shall conform to the provisions of Section 19, "Earthwork" of the Standard Specifications. Widening of embankments and flattening of slopes, which result in an increased area of grading, will not be permitted without express written approval of DOT.
- 22. Aggregate Base shall conform to the provisions of section of section 26, "Aggregate Base" of the Standard Specifications for Class 2 Aggregate Base, 3/4" maximum gradation. Aggregate base shall not be placed until the prior grading plane has been approved by DOT.
- 23. Asphalt Concrete shall conform to the provisions of section 39, "Asphalt Concrete" of the Standard Specifications for Type B Asphalt Concrete. Asphalt binder shall be Performance Grade 64-16. Aggregate for the top lift shall be 1/2" maximum, medium gradation. Aggregate for lower lifts shall be 3/4" maximum, medium gradation. Lift thickness shall conform to the provisions of section 39-6, "Spreading and Compaction" of the Standard Specifications. Asphalt concrete shall not be placed until the prior grading plane has been approved by DOT, and all utilities within the paved area have been placed, tested, and approved.
- 24. After acceptance of the final lift of asphalt concrete, and prior to the end of the warranty period, all roadways shall be fog sealed in accordance with Section 37-1, "Seal Coats" of the Standard Specifications. Asphaltic Emulsion shall be Slow-Setting Type, Grade SS1, conforming to the requirements of Section 94, "Asphaltic Emulsions" of the Standard Specifications. All projects that have re-striping due to traffic staging or new lane lines shall be sealed with a Type III Slurry Seal after the existing striping is removed by grinding or sandblasting or shall be overlaid.
- 25. Subgrade When asphalt concrete or asphalt concrete base is to be placed on the grading plane, the grading plane at any point shall not vary more than 0.05 foot above or below the grade established by the Engineer. When subbase or base material (other than asphalt concrete base) is to be placed on the grading plane, the grading plane at any point shall not vary more than 0.05 foot above the grade established by the Engineer.
- 26. Precast concrete structures shall conform to Section 70-1.02H "Precast Concrete Structures" of the Standard Specifications.
- 27. Where type B drop inlets exceed 5 feet in height, reinforcing steel shall be installed as shown on the plan detail. Reinforcing steel shall be # 4 bars, installed in the vertical walls at 12" O.C. (both directions). 3" clearance shall be maintained from the outside face of the walls. Under no circumstances will type B drop inlets be allowed in excess of 8 feet in height.
- 28. Where any portion of the structure excavation for vertical concrete structures (manholes, inlets, vaults, etc.) is within the street, material used to backfill such structures shall conform to Section 19-3.06, "Structure Backfill" of the Standard Specifications. Compaction tests will be taken every 2-3 feet vertically. Where cast-in-place structures are placed against undisturbed native material, this requirement shall not apply.
- 29 All striping (centerline, edgelines, lanelines, channelizing lines, etc.) and all other pavement markings (limit lines, legends, crosswalk lines, arrows, legends, etc.) shall be thermoplastic, conforming to Caltrans Standard Specifications Section 84-2.
- 30. Before finalization of the project, the geotechnical engineer and the (Structural) design engineer, shall certify, respectively, that the walls on the plan were built in conformance with the respective geotechnical and structural recommendations for the project.
- 31. If blasting activities are to occur in conjunction with development, the developer shall ensure that such blasting activities are conducted in compliance with state and local regulations.
- 32. If burning activities are to occur during construction, the developer shall obtain the necessary burning permits form the California Department of Forestry and air pollution permits from the County prior to said burning activities.

- 33. Storm drains shall be televised when backfill reaches the point of 2 foot of compacted trench fill over the pipe. A copy of the videotape will be provided to the DOT inspector, and no paving over the pipe will be done without the inspector's authorization. Cost of televising will be included in the unit cost of construction.
- 34. Storm drains in public right-of-way, in irrevocable offers of dedications, or that are to be maintained by a zone of benefit (ZOB), service district (CSD), service area (CSA), or any other publicly administered agency will be of the following materials:
 - a. Reinforced concrete pipe (RCP)
 - b. High density polyethylene pipe (HDPE), 48" maximum
 - c. Corrugated steel pipe, but only under the following
 - circumstances (1) 48" maximum
 - (2) Non-erosive flow velocities
 - (3) Aluminized
 - (4) Nominal thickness for 50 year life (AASHTO Designation
 - (5) Polymerized asphalt (Sec. 66-1.03 Caltrans) or 4" reinforced concrete pad in bottom third
 - (6) In non-corrosive soils (including backfill)
 - d. Steel plate or steel arch with concrete or "soft" bottom.
- 35. Street name signs shall be installed at every intersection.
- 36. The contractor shall furnish and install Type F-2 markers at both ends of culverts. The culvert markers shall have a two inch wide black strip at the top of the marker. Above elevations 3,000 feet, the contractor shall furnish and install Type F markers with snow pole brackets on all dikes at 100 foot intervals and at both ends of culverts. Above elevation 3,000 feet, the contractor shall install metal marker posts with snow pole brackets near each fire hydrant.
- 37. Contractor shall not start any utility work until a joint trench composite plan has been approved by Development Services (water and sewer excepted). All utility work performed in the County right of way shall require an encroachment permit.
- 38. Water and sewer lines shall be tested and approved prior to placing pavement on the street.
- 39. Omissions and errors on plans shall not be valid, and all codes and laws must be complied with by the Owner, Engineer and Contractor.
- 40. All new or reconstructed drainage inlets shall have a storm water quality message stamped into the concrete, conforming to Sacramento County Standard Drawing 11-10. All stamps shall be approved by the El Dorado County inspector prior to being used.

SITE PLAN NOTES:

- It is the responsibility of the contractor to ensure that the lots are laid out within the El Dorado County setback requirements.
 Building contractor and/or landscape contractor shall discharge all roof drains to drainage swales shown on this grading plan (i.e. do not alter drainage patterns).
- 3. All grades shown hereon are finished grades unless otherwise stated.
- 4. Architect shall verify all finished floor elevations and verify any lot coverage calculations (if required).5. Any walkways around the building not shown hereon are shown on
- architect's or landscape architect's plans.All cuts and fills shown hereon are 2:1 max, unless otherwise stated,
- cuts and/or fills steeper than 2:1 require approval from a licensed soils engineer.

 7. Topographical and boundary/property line data is from a survey.
- Topographical and boundary/property line data is from a survey provided by BCP 3D. D&Z Structural Engineering Inc. is not responsible for the accuracy of topographical or boundary data shown hereon.
- 8. For all down-sloped lots, it is important that the driveway, as well as any grading or landscaping, be sloped up for 5 feet behind the curb at 5% minimum prior to sloping down.
- 9. All fills shall be keyed-in and compacted according to all applicable local and state requirements.
- 10. The property shown hereon is subject to all easements, rights of way, restrictions, statutory conditions and similar matters pertinent to said property whether recorded or not. D&Z Structural Engineering, Inc. assumes no liability for the position, accuracy or character of such information as it was taken from public records, title reports, information provided by client and/or land surveys provided by others. This map is intended for engineering purposes only and is not intended to be used for title documentation.
- Prior to foundation inspection, pad certification / compaction report shall be submitted to and approved by the El Dorado County Building Department.
- 12. Property corners shall be set in place by a licensed surveyor or a certificate of survey submitted.
- 13. All fill to be compacted to 95%. Compaction to be verified by soils engineer.





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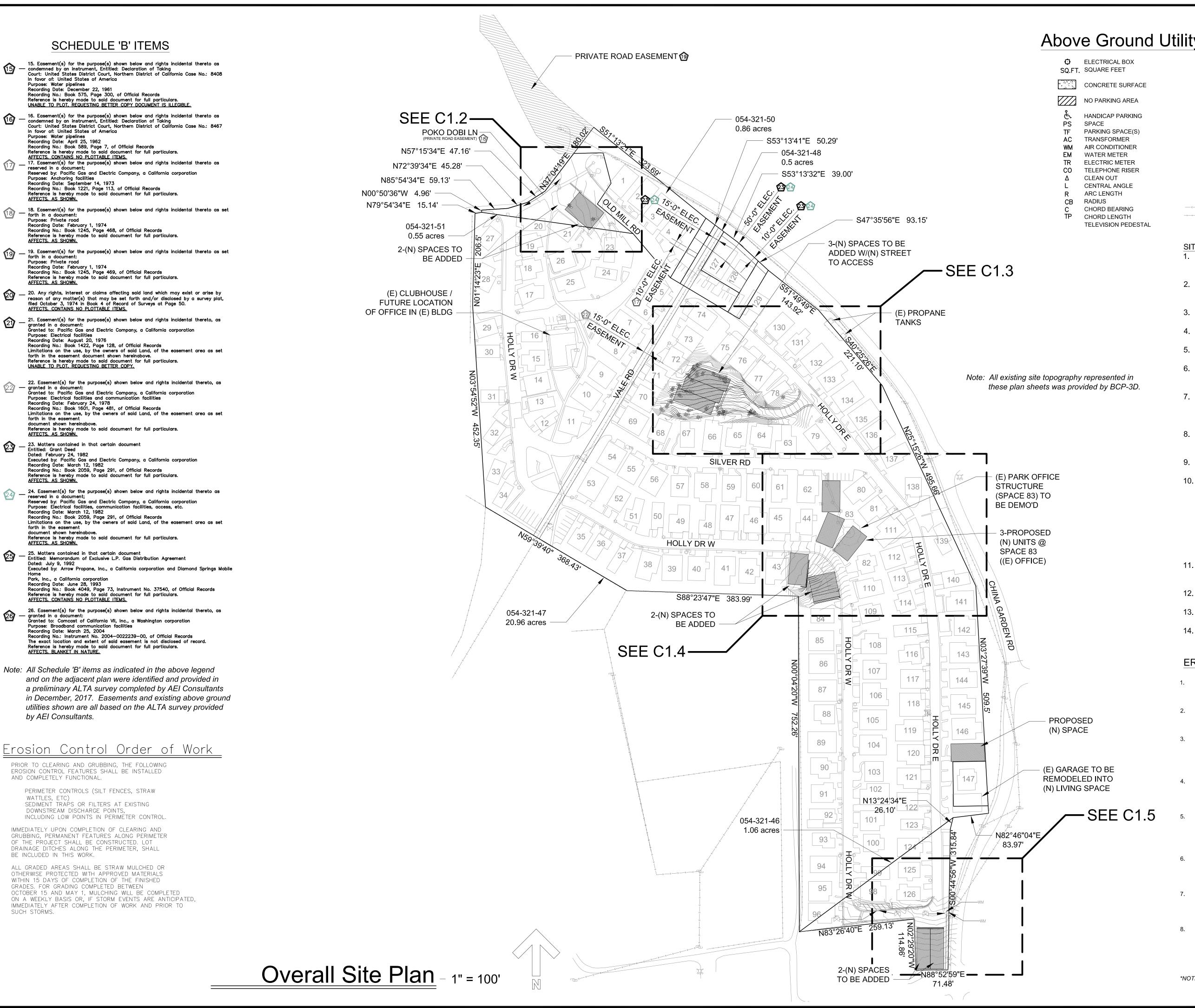
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Grading Notes

01/19



Above Ground Utility & Site Feature Legend

O● SET / FOUND ½" REBAR CLF CHAIN LINK FENCE WOOD PANEL FENCE PWF POST & WIRE FENCE PLASTIC PRIVACY FENCE DRAINAGE INLET **GAS VALVE** WATER VALVE STORM MANHOLE SANITARY MANHOLE UTILITY POLE **GUY ANCHOR** LIGHT POLE FIRE HYDRANT SIGN BOLLARD OVERHEAD UTILITY LINE

SITE PLAN NOTES:

FENCE

- 1. It is the responsibility of the contractor to ensure that the building is laid out within local jurisdiction setback requirements.
- 2. Building contractor and/or landscape contractor shall discharge all roof drains to drainage swales shown on this grading plan (i.e. do not alter drainage patterns).
- 3. All grades shown hereon are finished grades unless otherwise stated.
- 4. Architect shall verify all finished floor elevations and verify any lot coverage calculations (if required).
- 5. Any walkways around house not shown hereon are shown on architect's or landscape architect's plans.
- 6. All cuts and fills shown hereon are 2:1 max, unless otherwise stated, cuts and/or fills steeper than 2:1 require approval from a licensed soils engineer.
- 7. Topographical and boundary/property line data is from a survey provided by Owner. D&Z Structural Engineering Inc. is not responsible for the accuracy of topographical or boundary data shown hereon.
- 8. For all down-sloped lots, it is important that the driveway, as well as any grading or landscaping, be sloped up for 5 feet behind the curb at 5% minimum prior to sloping down.
- 9. All fills shall be keyed-in and compacted according to all applicable local and state requirements.
- 10. The property shown hereon is subject to all easements, rights of way, restrictions, statutory conditions and similar matters pertinent to said property whether recorded or not. D&Z Structural Engineering, Inc. assumes no liability for the position, accuracy or character of such information as it was taken from public records, title reports, information provided by client and/or land surveys provided by others. This map is intended for engineering purposes only and is not intended to be used for title documentation.
- 11. Prior to foundation inspection, pad certification / compaction report shall be submitted to and approved by the City of Placerville Building Department.
- 12. Property corners shall be set in place by a licensed surveyor or a certificate of survey submitted.
- 13. All fill to be compacted to 95%. Compaction to be verified by soils engineer.
- 14. Asphalt shall be the material used for road construction.

EROSION CONTROL NOTES*

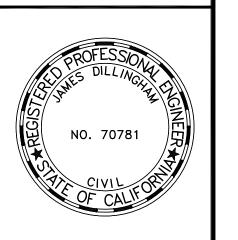
1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LOCAL JURISDICTION IMPROVEMENT STANDARDS, CURRENT EDITION, AND THE LOCAL JURISDICTION EROSION AND SEDIMENT GUIDELINES. EROSION CONTROL BEST MANAGEMENT PRACTICES (BMPs) SHALL

BE INSTALLED AND MAINTAINED DURING THE WET SEASON (OCTOBER 1 THROUGH APRIL 30). SEDIMENT CONTROL BMPs SHALL BE INSTALLED AND MAINTAINED ALL YEAR. ALL DRAINAGE INLETS IMMEDIATELY DOWNSTREAM OF THE WORK

- AREAS AND WITHIN THE WORK AREAS SHALL BE PROTECTED WITH SEDIMENT CONTROL AND INLET FILTER BAGS, YEAR ROUND. INLET FILTER BAGS SHALL BE REMOVED FROM THE DRAINAGE INLETS UPON ACCEPTANCE OF THE PUBLIC IMPROVEMENTS BY THE
- 4. ALL STABILIZED CONSTRUCTION ACCESS LOCATIONS SHALL BE CONSTRUCTED PER DETAIL 1/C2 WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES PAVED AREAS. THE STABILIZED ACCESS SHALL BE MAINTAINED ON A YEAR ROUND BASIS UNTIL THE COMPLETION OF CONSTRUCTION.
- ALL AREAS DISTURBED DURING CONSTRUCTION, BY GRADING, TRENCHING, OR OTHER ACTIVITIES, SHALL BE PROTECTED FROM EROSION DURING THE WET SEASON (OCTOBER 1 THROUGH APRIL 30). HYDROSEED, IF UTILIZED, MUST BE PLACED BY SEPTEMBER 15 HYDROSEED PLACED DURING THE WET SEASON SHALL USE A SECONDARY EROSION PROTECTION METHOD. SENSITIVE AREAS AND AREAS WHERE EXISTING VEGETATION IS
- BEING PRESERVED SHALL BE PROTECTED WITH CONSTRUCTION FENCING. SEDIMENT CONTROL BMPs SHALL BE INSTALLED WHERE ACTIVE CONSTRUCTION AREAS DRAIN INTO SENSITIVE OR PRESERVED VEGETATION AREAS.
- SEDIMENT CONTROL BMPs SHALL BE PLACED ALONG THE PROJECT PERIMETER WHERE DRAINAGE LEAVES THE PROJECT. SEDIMENT CONTROL BMPs SHALL MAINTAINED YEAR ROUND UNTIL THE CONSTRUCTION IS COMPLETE OR THE DRAINAGE PATTERN HAS BEEN CHANGED AND NO LONGER LEAVES THE SITE.
- THE FOLLOWING AREAS ARE TO RECEIVE HYDROSEEDING OR OTHER EROSION CONTROL: LOT FRONT YARDS BEHIND THE SIDEWALK - THE FIRST 18 FEET OR TOP OF SLOPE (WHICHEVER IS GREATER) SIDEYARDS BEHIND THE SIDEWALK - THE FIRST 7.5 FEET OR TOP OF SLOPE (WHICHEVER IS GREATER) SLOPES - ALL SLOPES **GREATER THAN 10:1**

*NOTE: FOR ADDITIONAL INFORMATION REGARDING EROSION CONTROL, SEE SHEET C2.

Structural Engineering, Inc. 3389 Mira Loma Dr. Ste. 3 Cameron Park, CA 95682 Tel: (530) 677-0900 Fax: (530) 677-0901 www.dz-engineering.com

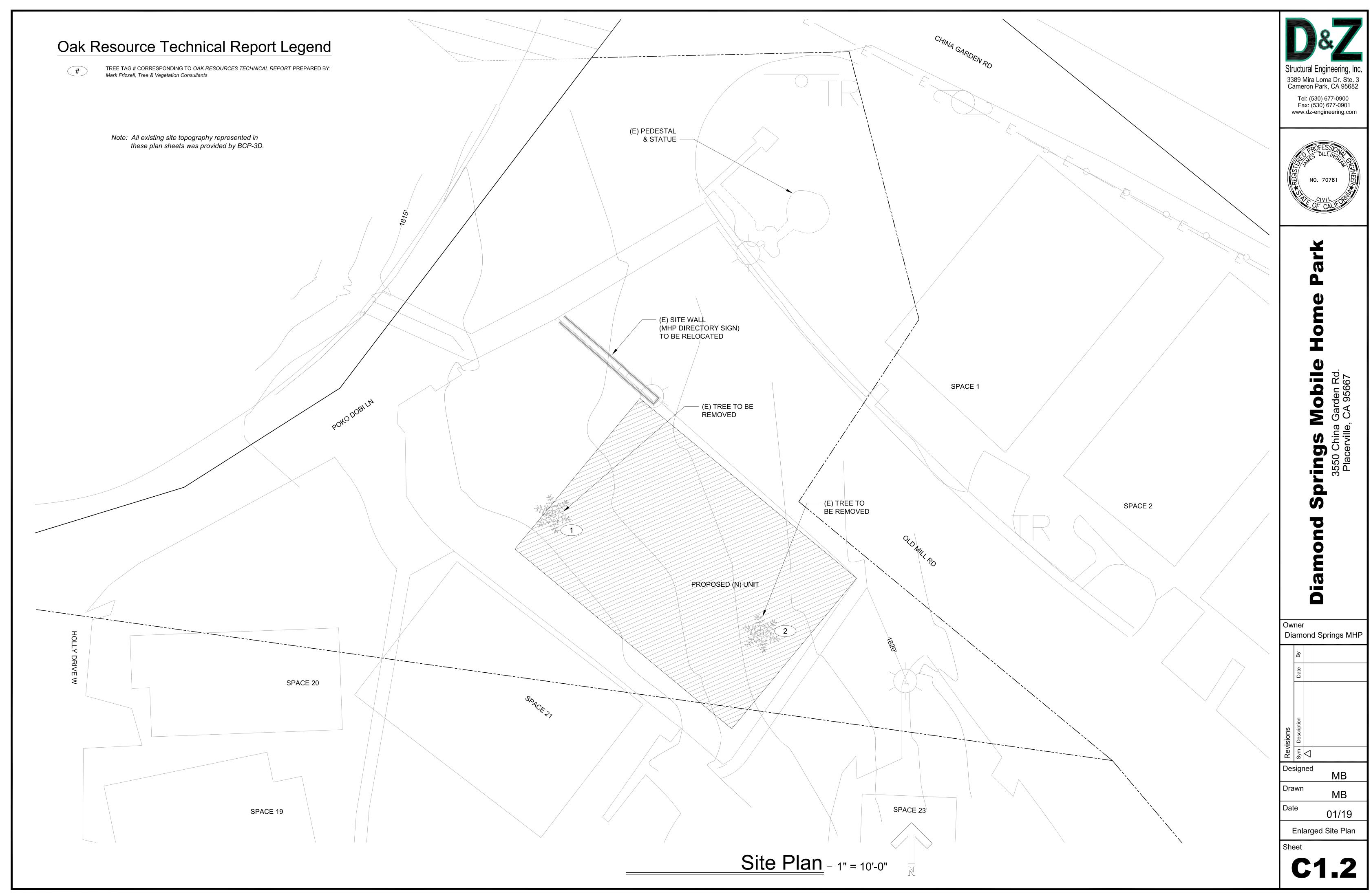


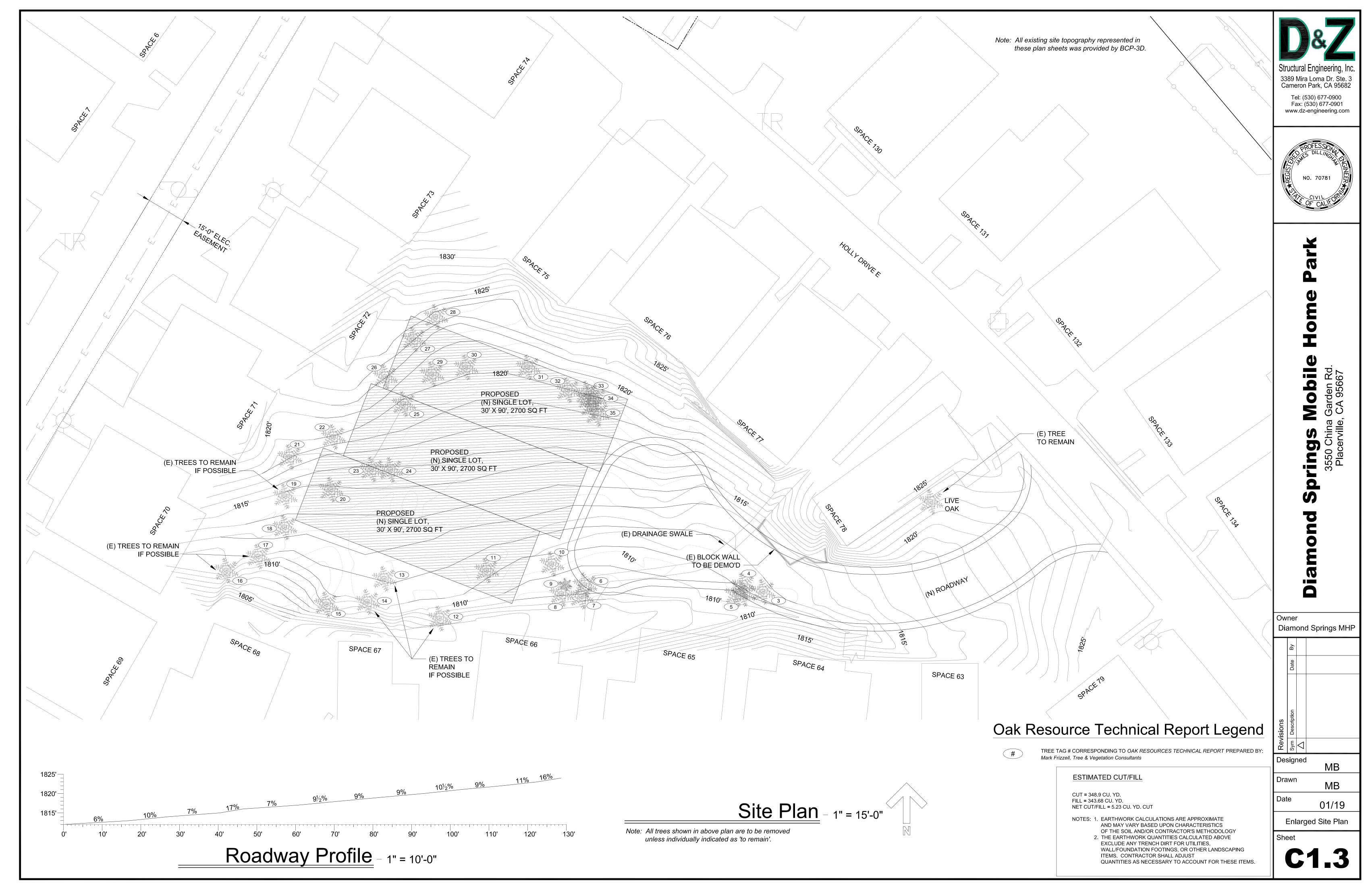
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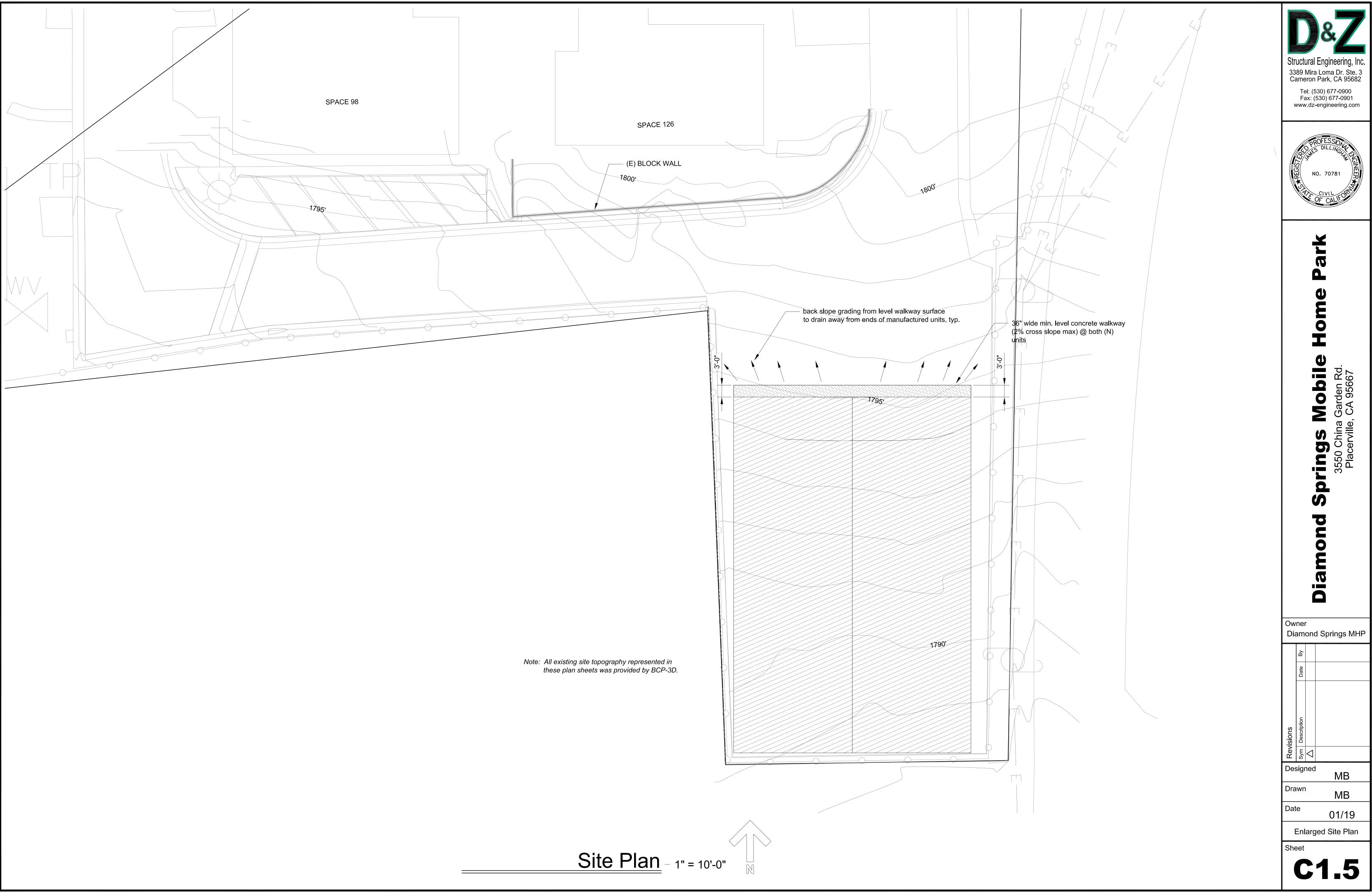
Owner

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Erosion Control Guidelines

I MINIMUM CONSTRUCTION SITE STORM WATER MANAGEMENT PRACTICES THE STORM WATER MANAGEMENT PRACTICES DESCRIBED BELOW ARE THE MINIMUM, REQUIRED WATER QUALITY PROTECTION MEASURES APPLICABLE TO ALL CONSTRUCTION SITES, WITHIN THE LOCAL JURISDICTION. THIS LISTIN DOES NOT INCLUDE THE VARIOUS INSPECTION, RECORD KEEPING, TRAINING AND REPORTING REQUIREMENTS. ADDITIONALLY, THERE WILL BE INSTANCES WHERE PROJECT AND SITE CONDITIONS REQUIRE SUPPLEMENTING OR DEVIATING FROM THESE MINIMUM PROTECTION REQUIREMENTS. THE CONTRACTOR IS EXPECTED TO DEPLOY MEASURES SUFFICIENT TO ACHIEVE COMPLIANCE WITH THE LOCAL JURISDICTION'S GRADING ORDINANCE; AND, AS APPLICABLE (PROJECTS WHICH INVOLVE ONE ACRE OR MORE OF DISTURBED SOIL OR ARE PART OF A LARGER COMMON PLAN OF DEVELOPMENT THAT ENCOMPASSES ONE ACRE OR MORE OF DISTURBED SOIL), WITH THE STATE FURNISHED THAT CLEARANCE HAS BEEN OBTAINED FROM THE COUNTY AGRICULTURAL COMMISSIONER, AS WATER RESOURCES CONTROL BOARD'S (SWRCB) NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY.

A. SCHEDULING CONSTRUCTION SHALL BE SCHEDULED TO MINIMIZE CONSTRUCTION ACTIVITIES IN "HIGH-RISK AREAS" AND THE AMOUNT OF ACTIVE DISTURBED SOIL AREAS, DURING THE RAINY SEASON (OCT. 1ST TO APRIL 30TH). "HIGH-RISK AREAS" INCLUDE THOSE AREAS WITHIN 50 FEET OF USGS WATERCOURSES, 100-YEAR FLOOD PLAINS, AND SUSPENDED WHEN AGITATED IN WATER. REGULATED WETLANDS, AND WHERE SLOPES EXCEED 16%. UNLESS SPECIFICALLY AUTHORIZED BY THE LOCAL JURISDICTION'S ON-SITE REPRESENTATIVE, DURING THE RAINY

TO HAVE MORE THAN 5 ACRES OF ACTIVE DISTURBED SOIL AREA. WHERE PERMANENT STORM WATER TREATMENT DEVICES ARE TO BE CONSTRUCTED, THESE DEVICES SHOULD,

WHENEVER FEASIBLE, BE CONSTRUCTED AS AN EARLY WORK ITEM. B. PRESERVATION OF NATURAL FEATURES

PRIOR TO THE COMMENCEMENT OF SOIL-DISTURBING ACTIVITIES, AREAS OF EXISTING VEGETATION THAT ARE TO REMAIN AND ENVIRONMENTALLY SENSITIVE AREAS (I.E. WETLANDS, PROTECTED HABITATS, ETC) SHALL BE FENCED FOR PROTECTION. IN GENERAL, SITE DESIGNS SHALL PRESERVE EXISTING VEGETATION TO THE MAXIMUM EXTENT POSSIBLE: AND DURING CONSTRUCTION, EXISTING VEGETATION SHALL BE PRESERVED (AND PROTECTED BY FENCING) FOR AS LONG AS POSSIBLE TO MINIMIZE EROSION. C. STORM WATER RUN-ON AND CONCENTRATED FLOWS

EXISTING WATERCOURSES SHALL BE PROTECTED; AND IF DIVERTED, HANDLED IN A NON-ERODING FASHION. TO THE EXTENT FEASIBLE, ALL CONCENTRATED WATER FLOWS SHALL BE CHANNELED AWAY FROM DISTURBED SOIL AREAS / STOCKPILES. CONCENTRATED WATER FLOWS SHALL BE CONVEYED IN A NON-ERODING FASHION. D. STOCKPILE MANAGEMENT

STOCKPILES SHALL BE MANAGED AS FOLLOWS: 1. SOIL STOCKPILES

- RAINY SEASON: * COVERED, OR PROTECTED WITH SOIL STABILIZATION MEASURES & PERIMETER SEDIMENT BARRIERS NON-RAINY SEASON:
- * COVERED OR PROTECTED WITH PERIMETER SEDIMENT BARRIERS
- 2. CONCRETE/ASPHALT RUBBLE, ROCK AND AGGREGATE BASE/SUB-BASE COVERED OR PROTECTED WITH PERIMETER SEDIMENT BARRIERS
- 3. "COLD MIX" ASPHALT
- * COVERED E. SEDIMENT TRACKING CONTROL

APPROPRIATE MEASURES SHALL BE DEPLOYED TO MINIMIZE ANY TRACKING OF SEDIMENT OFF-SITE BY VEHICLES AND/OR EQUIPMENT. THESE MEASURES INCLUDE STABILIZED CONSTRUCTION ENTRANCES/EXITS & ROADWAYS, AND TIRE WASHING. WHERE TRACKING OCCURS, STREETS SHALL BE SWEPT USING A PICKUP SWEEPER WITH WATER SUPPLY. F. NON-STORM WATER MANAGEMENT

NON-STORM WATER DISCHARGES SHALL BE MINIMIZED TO THE EXTENT FEASIBLE. SEDIMENT-LADEN NON-STORM WATER IS REQUIRED TO BE FILTERED (OR EQUIVALENT TREATMENT) PRIOR TO DISCHARGING. MEASURES REQUIRED TO MANAGE NON-STORM WATER DISCHARGES INCLUDE: WATER CONSERVATION PRACTICES, DUST CONTROL, MATERIAL STORAGE PRACTICES, VEHICLE/EQUIPMENT OPERATION AND MAINTENANCE REQUIREMENTS,

WASTE MANAGEMENT PRACTICES, AND SPILL PREVENTION/CONTROL MEASURES. G. DISTURBED SOIL AREA MANAGEMENT DISTURBED SOIL AREAS (DSA) SHALL BE PROTECTED WITH AN "EFFECTIVE COMBINATION" OF MEASURES INCLUDING SOIL STABILIZATION, SEDIMENT BARRIERS AND BASINS / TRAPS. THERE MAY BE SITUATIONS WHERE "SEDIMENT BASINS" OR "TREATMENT" ARE ABLE TO SUBSTITUTE AS ALTERNATIVE CONTROL MEASURES TO THE NORMALLY REQUIRED "EFFECTIVE COMBINATION" OF SOIL STABILIZATION, SEDIMENT BARRIERS AND BASINS /

TRAPS. HOWEVER, WHEN SUBSTITUTING THESE MEASURES, THE CONTRACTOR MUST BE PREPARED TO DEMONSTRATE THAT THE SEDIMENT LOAD WITHIN STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE DOES NOT EXCEED NATURAL OR PRE-CONSTRUCTION LEVELS.

- 1. SOIL STABILIZATION MEASURES INCLUDE: * HYDRAULIC MULCH (REF. CASQA BMP # EC-3)
- * HYDROSEEDING (REF. CASQA BMP # EC-4)
- * SUITABLY STABILIZED, NON-POLLUTING STRAW / WOOD / ORGANIC MULCH (REF. CASQA BMP #'S EC-6 & EC-8)
- * GEOTEXTILES, MATS, PLASTIC COVERS AND EROSION CONTROL BLANKETS
- (REF. CASQA BMP # EC-7) * STABILIZED CONSTRUCTION ROADWAYS (REF. CASQA BMP # TC-2)
- 2. SEDIMENT BARRIERS INCLUDE: SILT FENCES (REF. CASOA BMP # SF-1)
- * SAND/GRAVEL BAG BARRIERS (REF. CASQA BMP #'S SE-6 & SE-8)
- * STRAW BALE BARRIERS (REF. CASQA BMP # SE-9) * FIBER ROLLS (REF. CASQA BMP # SE-5)
- 3. BASIN / TRAPS INCLUDE:
- * DESILTING BASINS (REF. CALTRANS BMPS) * SEDIMENT TRAPS (REF. CALTRANS BMPS)
- 4. ON DSAS WITH SLOPE LENGTHS GREATER THAN 10 FEET, THE FOLLOWING MEASURES SHALL BE DEPLOYED:
- A. RAINY SEASON (OCT. 1ST TO APRIL 30TH): NON-ACTIVE AREAS (NO SOIL DISTURBING ACTIVITIES FOR 21 OR MORE DAYS)
- * ON SLOPES EQUAL TO OR FLATTER THAN 1:20 (V/H), SOIL STABILIZATION
- * ON SLOPES STEEPER THAN 1:20 (V/H), SOIL STABILIZATION AND SEDIMENT BARRIERS
- * ON SLOPES STEEPER THAN 1:20 (V/H), SEDIMENT BARRIERS

 * ON SLOPES STEEPER THAN 1:2 (V/H) WITH SLOPE LENGTHS GREATER THAN 50 FEET: SOIL STABILIZATION; SEDIMENT BARRIERS; AND WHERE FEASIBLE, BASINS / TRAPS
- B. NON-RAINY SEASON: NON-ACTIVE AREAS (NO SOIL DISTURBING ACTIVITIES FOR 21 OR MORE DAYS)
- * ON SLOPES STEEPER THAN 1:2 (V/H), SEDIMENT BARRIERS
- * PROTECTION SHALL BE DEPLOYED ON NON-ACTIVE DSAS WITHIN 14 DAYS FROM THE CESSATION OF SOIL-DISTURBING ACTIVITIES OR ONE DAY PRIOR TO THE PREDICTED (40% OR MORE CHANCE) ONSET OF SIGNIFICANT PRECIPITATION, WHICHEVER OCCURS FIRST. PROTECTION SHALL BE DEPLOYED ON ACTIVE DSAS PRIOR TO THE PREDICTED (40% OR MORE CHANCE) ONSET OF SIGNIFICANT PRECIPITATION.
- * "TERRACES." FOR CUT SLOPES UP TO 60 FEET IN HEIGHT, TERRACES AT LEAST 8 FEET (2.4 METERS) IN WIDTH SHALL BE ESTABLISHED AT NOT MORE THAN 30-FOOT (9.1 METERS) VERTICAL INTERVALS ON ALL CUT SLOPES TO CONTROL SURFACE DRAINAGE AND DEBRIS EXCEPT THAT WHERE ONLY ONE TERRACE IS REQUIRED, SHALL BE AT MIDHEIGHT. FOR CUT SLOPES GREATER THAN 60 FEET (18 METERS) AND UP TO 120 FEET (37 METERS) IN VERTICAL HEIGHT, ONE ADDITIONAL TERRACE AT APPROXIMATELY MIDHEIGHT SHALL BE 12 FEET (3.6 METERS) IN WIDTH. TERRACES SHALL SLOPE A MINIMUM OF 5 PERCENT GRADIENT TOWARD THE HILLSIDE. TERRACE WIDTHS AND SPACING FOR CUT SLOPES GREATER THAN 120 FEET (36 METERS) IN HEIGHT SHALL BE DESIGNED BY THE CIVIL ENGINEER AND APPROVED BY THE DIRECTOR. SUITABLE ACCESS SHALL BE PROVIDED T
- * "SEDIMENT BASIN:" A BASIN WITH A CAPACITY EQUIVALENT TO AT LEAST 3600 CUBIC FEET OF STORAGE (AS MEASURED FROM THE BOTTOM OF THE BASIN TO THE PRINCIPAL OUTLET) PER ACRE DRAINING INTO THE BASIN. THE LENGTH OF THE BASIN SHALL BE MORE THAN TWICE THE BASIN'S WIDTH (LENGTH IS DETERMINED BY MEASURING THE DISTANCE BETWEEN THE INLET AND THE OUTLET). THE DEPTH OF THE BASIN MUST NOT BE | LESS THAN THREE FEET NOR GREATER THAN FIVE FEET.

"TREATMENT": A COMBINATION OF BASIN AND TREATMENT ENGINEERED TO CAPTURE AND TREAT (TO REMOVE 0.01 MM SIZED PARTICLES AND LARGER) THE 10-YEAR, 6-HOUR RAIN EVENT USING Q=C⊀X WHERE C=0.5.

II CRITICAL AREA PLANTING SPECIFICATIONS

PERMIT PROPER CLEANING AND MAINTENANCE.

A. SCOPE - ESTABLISHING VEGETATION ON SEVERELY ERODING AREAS OR AREAS WITH AN EROSION POTENTIA ITS PURPOSE IS TO STABILIZED THE SOIL, MINIMIZE OR PREVENT DAMAGE FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS, PROTECT WILDLIFE HABITAT, AND MAINTAIN AESTHETIC QUALITIES. B. AREAS TO BE SEEDED, TIMING OF SEEDING — COMPLETE REVEGETATION AND STABILIZATION OF ALL DISTURBED SOILS, BOTH WITHIN AND OUTSIDE COUNTY RIGHTS-OF-WAY, WILL BE ACCOMPLISHED WITH SPECIFIED AMOUNTS AND TYPES OF VEGETATIVE SPECIES, MULCH AND FERTILIZER MATERIAL. SEE MAJOR LAND RESOURCE

AREA EXHIBITS MLRA 18 OR 22. ALL EROSION AND SEDIMENT CONTROL PRACTICES PERFORMED AFTER OCTOBER 1ST, SHALL FOLLOW "RAINY SEASON" SPECIFICATION CONTAINED IN THE STORM WATER MANAGEMENT PRACTICES.

C. MATERIAL 1. SEED - ALL SEED SHALL BE DELIVERED TO THE SITE TAGGED AND LABELED IN ACCORDANCE WITH THE CALIFORNIA AGRICULTURAL CODE AND SHALL BE ACCEPTABLE TO THE COUNTY AGRICULTURAL COMMISSIONER. SEED SHALL BE OF A QUALITY WHICH HAS A MINIMUM PURE LIVE SEED CONTENT OF 80% (% PURITY ×% GERMINATION) AND WEED SEED SHALL NOT EXCEED 0.5% OF THE AGGREGATE OF PURE LIVE SEED AND OTHER MATERIALS. LEGUME SEED SHALL BE INOCULATED WITH INOCULATE SPECIFIC TO ITS NEEDS WITHIN TWO HOURS PRIOR TO SEEDING. INOCULANTS SHALL NOT BE USED LATER THAN THE DATE INDICATED ON THE CONTAINER OR AS OTHERWISE SPECIFIED. ALL INOCULATED SEED SHALL BE LABELED TO SHOW WEIGHT OF SEED, DATE OF INOCULATION, AND THE WEIGHT AND SOURCE OF INOCULANT MATERIALS.

Erosion Control Guidelines

2. FERTILIZER - A COMMERCIAL FERTILIZER SHALL BE AMMONIUM PHOSPHATE AND CONTAIN A MINIMUM OF 16% NITROGEN, 20% PHOSPHORUS AND 0% POTASH, UNIFORM IN COMPOSITION, DRY AND FREE FLOWING, PELLETED OR GRANULAR.

ALL FERTILIZER SHALL BE DELIVERED IN UNBROKEN OR UNOPENED CONTAINERS, LABELED IN ACCORDANCE WITH APPLICABLE STATE REGULATIONS AND BEARING THE WARRANTY OF THE PRODUCER FOR THE GRADE FURNISHED. MULCH — MULCH SHALL BE ONE OF THE FOLLOWING MATERIALS AS APPROVED BY THE GOVERNMENT REPRESENTATIVE.

3A. STRAW — STRAW SHALL BE NEW STRAW DERIVED FROM RICE, WHEAT, OATS, OR BARLEY AND BE FREE OF MOLD AND NOXIOUS WEED SEED. STRAW SHALL BE FURNISHED IN AIR DRY BALES. EVIDENCE SHALL BE REQUIRED BY LAW, BEFORE STRAW OBTAINED FROM OUTSIDE THE COUNTY IN WHICH IT IS TO BE USED IS DELIVERED TO THE SITE OF THE WORK. BB. WOOD FIBER MULCH — WOOD FIBER MULCH IS A WOOD CELLULOSE FIBER THAT CONTAINS NO GERMINATING

A PROPER GAUGE FOR METERING OVER GROUND SURFACES. IT HAS THE PROPERTY TO BE EVENLY DISPERSED SEEDING REQUIREMENTS GENERAL — ALL SEEDING, FERTILIZER AND MULCHING OPERATIONS SHALL BEGIN WHEN APPROVAL IS GIVEN SEASON THE CONTRACTOR SHALL NOT SCHEDULE CONSTRUCTION ACTIVITIES IN "HIGH RISK AREAS" OR SCHEDULE BY THE APPROPRIATE COUNTY ENGINEER OR CONSERVATION DISTRICT REPRESENTATIVE.

OR GROWTH INHIBITING FACTORS. IT IS COLORED WITH A NON—TOXIC, WATER SOLUBLE, GREEN DYE TO PROVIDE

SEEDBED PREPARATION - THE ENTIRE AREA TO BE SEEDED SHALL BE REASONABLY SMOOTH AND CONFORM O THE DESIRED SHAPE BEFORE ACTUAL SEEDBED PREPARATION IS BEGUN. ANY DEBRIS WHICH WOULD INTERFERE WITH SEEDING OPERATIONS, GROWTH OR MAINTENANCE OF THE VEGETATIVE COVER WILL BE REMOVED. HE AREA TO BE SEEDED SHALL HAVE A FIRM SEEDBED WHICH HAS PREVIOUSLY BEEN ROUGHENED BY SCARIFYING, DISKING, HARROWING, CHISELING, OR OTHERWISE WORKED TO A DEPTH OF TWO TO FOUR INCHES (2" - 4"). NO IMPLEMENT SHALL BE USED THAT WILL CREATE AN EXCESSIVE AMOUNT OF DOWNWARD MOVEMENT OF SOIL OR CLODS OF SLOPING AREAS. SEEDBED MAY BE PREPARED AT TIME OF COMPLETION OF

EARTH-MOVING WORK. 3. FERTILIZING — FERTILIZER SHALL BE DISTRIBUTED UNIFORMLY OVER THE SEEDBED AT THE RATE OF 300 POUNDS PER ACRE, AND SHALL BE IN SUCH PHYSICAL CONDITION TO INSURE UNIFORM APPLICATION OVER THE AREA TO BE FERTILIZED. FERTILIZER MAY BE APPLIED IN ANY WAY THAT WILL RESULT IN UNIFORM DISTRIBUTION. THE FERTILIZER SHALL BE INCORPORATED INTO THE SOIL.

4. SEEDING - SEED SHALL BE BROADCAST BY HAND, MECHANICAL HAND SEEDER, POWER OPERATED SEEDER,

HYDROSEEDER OR OTHER APPROVED EQUIPMENT. 'SEED SHALL HAVE A SOIL COVER OF NOT MORE THAN ONE-HALF INCH. SEEDING WILL BE CARRIED OUT USING EITHER OF THE FOLLOWING METHODS: METHOD 1 THE SEED MAY BE DRILLED, NOT TO EXCEED ONE-HALF (1/2) INCH DEEP AND CULTIPACKED OR ROLLED ONCE OVER WITH A CORRUGATED ROLLER ON ALL AREAS WHERE EQUIPMENT CAN BE OPERATED SAFELY. SEED OPERATIONS WILL BE ACROSS THE SLOPE. METHOD 2 THE SEED MAY BE APPLIED IN A SLURRY MIX OF WOOD CELLULOSE FIBER DISTRIBUTED UNIFORMLY AT THE PRESCRIBED RATE (SEE ITEM E.2, WOOD CELULOSE FIBER -HYDRO-MULCHING, BELOW). THE

APPLICATION UNIT USED FOR "HYDRO MULCH" SHALL BE EQUIPPED WITH AN AGITATOR TO MAINTAIN THE SEED AND MULCH IN SUSPENSION WITHIN THE UNIT'S TANK PRIOR TO AND DURING APPLICATION. METHOD 3 WHERE EMERGENCY TREATMENT OF EXPOSED SOILS EXTENDS BEYOND OCTOBER 1ST, EMERGENCY MULCHING WITHOUT SEED WILL BE PRESCRIBED IN ACCORDANCE WITH "SOIL STABILIZATION MEASURES" DESCRIBED PREVIOUSLY.

SPECIAL NOTE: A MINIMUM 70% SEED GERMINATION WITH AT LEAST 1" GROWTH MUST BE OBTAINED BY DECEMBER 1ST, OR AREA MUST BE COVERED WITH STRAW MULCH. (SECTION E-1)

MIRA 18

	FOR SEEDING PERFORMED BETWEEN SEPTEMBER 15 AND OCTOBER 15						
	METHOD	TYPE OF SEED	AMT. PER ACRE	AMT. PER 1000 SQ.FT.	TYPE MULCH		
S	HYDROSEEDED:	BLANDO BROME AND EITHER WIMERRA "62"OR ANNUAL RYEGRASS		0.3 LBS/1000 SqFt 0.2 LBS/1000 SqFt			
	BROADCASTED:	BLANDO BROME AND ROSE CLOVER AND ROSE CLOVER	12 LBS/ACRE 9 LBS/ACRE	0.3 LBS/1000 SqFt 0.2 LBS/1000 SqFt	STRAW OR WOOD FIBER		
	FOR SEEDING NOT PERFORMED BETWEEN SEPTEMBER 15 AND OCTOBER 15						
	HYDROSEEDED: BLANDO BROME AND EITHER WIMERRA "62"OR ANNUAL RYEGRASS		24 LBS/ACRE 18 LBS/ACRE	0.6 LBS/1000 SqFt 0.4 LBS/1000 SqFt	STRAW ONLY		
	BROADCASTED:	BLANDO BROME AND ROSE CLOVER AND ROSE CLOVER	24 LBS/ACRE 18LBS/ACRE	0.6 LBS/1000 SqFt 0.4 LBS/1000 SqFt	STRAW ONLY		

A MULCH COVERING SHALL BE APPLIED OVER THE SURFACE OF THE SEEDED AREA. MULCHING SHALL FOLLOW IMMEDIATELY AFTER SEEDING UNLESS OTHERWISE DIRECTED. MULCH WILL BE OF THE MATERIAL INDICATED.

Erosion and Sediment Control General Notes

THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 7-1.01G, "WATER POLLUTION" OF THE STANDARD SPECIFICATIONS.

THE PROJECT EROSION AND SEDIMENT CONTROL (ESC) FEATURES ARE INTENDED TO ENSURE COMPLIANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PROVISIONS OF THE CLEAN WATER ACT (CWA) UNDER THE STATE OF CALIFORNIA STATEWIDE GENERAL PERMIT FOR CONSTRUCTION DISCHARGES.

TO THIS END, THE CONTRACTOR SHALL:

MAKE HIM/HERSELF AWARE OF THE REQUIREMENTS OF SAID GENERAL PERMIT AND THE PROVISIONS OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). SWPPPs ARE REQUIRED FOR ALL CONSTRUCTION ACTIVITIES WITH SOIL DISTURBANCES OF FIVE (5) ACRES OR MORE IN SIZE.

IMPLEMENT THE ESC FEATURES AND BEST MANAGEMENT PRACTICES (BMPs) CONTAINED IN THE IMPROVEMENT PLANS AND THE SWPPP, AND OTHERWISE DILIGENTLY PURSUE COMPLIANCE WITH

ASSIST THE OWNER, ENGINEER, AND DOT IN THE ASSESSMENT OF THE FUNCTIONALITY OF AND MODIFICATIONS TO THE FEATURES AND PRACTICES IMPLEMENTED AND PROPOSED.

DOCUMENT ANY MAINTENANCE, REPLACEMENTS, INSPECTION, MODIFICATIONS OR ADDITIONS TO THE PROJECT ESC FEATURES, AND NOTIFY THE ENGINEER, OWNER AND DOT OF ANY SUBSTANTIAL MODIFICATION OR ADDITIONS TO THE ESC PRACTICES AND FEATURES. ALL DISTURBED AREAS SHALL BE STRAW MULCHED OR OTHERWISE PROTECTED WITH APPROVED MATERIALS WITHIN 15 DAYS OF COMPLETION OF THE FINISHED GRADES. FOR CONSTRUCTION COMPLETED BETWEEN OCTOBER 1ST AND APRIL 30TH, DOCUMENTATION OF INSPECTION AND MAINTENANCE OF ALL ESC FEATURES WILL BE COMPLETED ON A WEEKLY BASIS AND PRIOR TO, DURING, AND AFTER THE COMPLETION OF ALL STORM EVENTS.

CONTACT THE LOCAL RCD A MINIMUM OF FORTY-EIGHT (48) HOURS PRIOR TO COMMENCING WORK ON RE-VEGETAION. RE-VEGETATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE REQUIREMENTS AND SPECIFICATIONS OF THE RCD.

MAINTAIN AN INVENTORY OF ESC MATERIALS (STRAW BALES, 1.5-3" CLEAN CRUSHED ROCK, FIBER ROLLS, SILT FENCE, ROCK BAGS, ETC.) ON SITE FOR EMERGENCY USE AS DIRECTED BY THE ENGINEER, OWNER, OR THE DEPARTMENT OF TRANSPORTATION.

IF GRADING ACTIVITIES ARE NOT COMPLETE BY OCTOBER 1ST, THE CONTRACTOR SHALL IMPLEMENT ANY MODIFICATIONS OR ADDITIONS TO THE ESC PLANS AND FEATURES AS DIRECTED BY THE ENGINEER, OWNER, OR DEPARTMENT OF TRANSPORTATION IN ORDER TO "WINTERIZE" THE PROJECT. SUCH WINTERIZATION MAY INCLUDE RESTRICTIONS ON THE TYPES AND SCHEDULING OF WORK TO BE COMPLETED BETWEEN OCTOBER 15TH AND MAY 1ST AND/OR INSTALLATION OF ADDITIONAL FEATURES IN ORDER TO COMPLY WITH THE CWA.

IT IS EXPRESSLY UNDERSTOOD THAT APPROVAL OF THE PROJECT GRADING, ESC, OR IMPROVEMENT PLANS SHALL NOT RELIEVE THE DEVELOPER, ENGINEER, OR CONTRACTOR OF ANY RESPONSIBILITIES UNDER THE PERMIT, AGREEMENT, OR PLANS FOR THE SUCCESSFUL IMPLEMENTATION OF SEDIMENTATION CONTROL IN MANUALS, CONDITIONS, PERMITS, AGREEMENTS OR PLANS.

THE ESC FEATURES, AS OUTLINED BELOW, SHALL BE PROVIDED AT THE ASSOCIATED STAGE OF DEVELOPMENT IN THE ESC PLAN. THE ESC PLAN SHALL BE COMPREHENSIVE IN NATURE, WITH MODIFICATIONS AS NEEDED, THROUGH THE DEVELOPMENT OF THE PROJECT. THE MOST CURRENT LOCAL RCD GUIDELINES SHALL BE UTILIZED AS THE BMPs IN THE IMPLEMENTATION OF THE FOLLOWING ESC FEATURES:

STAGE 1 — INITIAL PERIMETER ESC FEATURES TO BE PLACED PRIOR TO THE COMMENCEMENT OF WORK INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING: SILT FENCES, FIBER ROLLS, STRAW BALES, ENTRANCE/EXIT TIRE WASH, SEDIMENT BASINS.

STAGE 2 — INTERMEDIATE ESC FEATURES TO THE PLACED AFTER INITIAL DISTURBANCE OF SOIL SURFACE INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:

AFTER CLEARING AND GRUBBING: DIVERSION DITCHES WITH CHANNEL LINING IF NECESSARY, SEDIMENT TRAPS AND BASINS AT ALL BOUNDARY OUT FALLS.

DURING ROUGH GRADING. PLACEMENT OF UNDERGROUND FACILITIES. AND ROADWAY CONSTRUCTION: TEMPORARY CHANNEL LINING, INLET/OUTLET PROTECTIVE LINING, TEMPORARY SLOPE DRAINS, TEMPORARY AND PERMANENT SEEDING/MULCHING OR HYDRO SEEDING, PERMANENT ESC BLANKETS. SETTLING STRUCTURES, TEMPORARY AND PERMANENT CHECK DAMS, SEDIMENT TRAPS AND BASINS IN DEPRESSION, VACUUM SWEEPERS, AND THE PLACEMENT OF ANY OTHER PERMANENT ESC FEATURES.

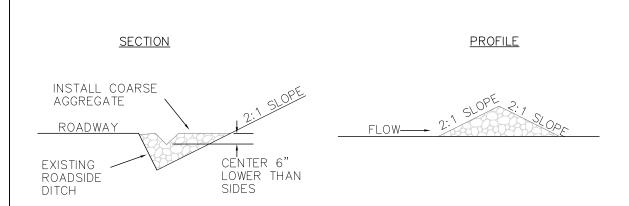
STAGE 3 — FINAL ESC FEATURES FOR FINAL STABILIZATION TO BE PLACED PRIOR TO FINAL SIGN OFF OF IMPROVEMENTS INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:

PLACEMENT OF SEEDING/MULCHING, HYDRO SEEDING, PERMANENT TURF ON ALL UNPROTECTED SOIL SURFACE, REMOVAL OF DEBRIS FROM ALL DRAINAGE FACILITIES, REMOVAL OF ANY TEMPORARY ESC FEATURES (IF NECESSARY), AND THE PLACEMENT OF ANY OTHER PERMANENT ESC FEATURES.

ALTERNATIVES FOR THE PLACEMENT OF ESC FEATURES FOR CONSTRUCTION ACTIVITIES DURING APRIL 30TH - OCTOBER 1ST.

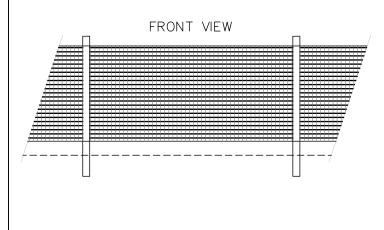
FOR CONSTRUCTION ACTIVITIES DURING APRIL 30TH — OCTOBER 1ST, THE PLAN CHECKER/INSPECTOR MAY CONSIDER THE ALTERNATIVE OF ONLY REQUIRING THE STOCKPILING OF ESC FEATURES ON-SITE FOR SITES WITH GENTLE SLOPES, MINIMAL GRADING, NENT TURFÌ AND NO ADJACENT EXISTING DRAINAGE FACILITIES. THIS ALTERNATIVE REQUIRES IMMEDIATE (SAME WORKING DAY) INSTALLATION OF ESC FEATURES TO PREVENT SEDIMENT DISCHARGE, TO BE ACCOMPLISHED BY THE CONTRACTOR. THE PLACEMENT OF FINAL ESC FEATURES IS REQUIRED ON ALL PROJECTS.

R = 25'



SPACE ROCK CHECKS AT INTERVALS AS SHOWN ON PLANS

Rock Check Detail



SECTION VIEW

2"x4" WOOD

STEEL POST

FILTER FABRIC

COMPACTED

1. SILT FENCE SHALL BE CONSTRUCTED LONG ENOUGH TO EXTEND ACROSS THE EXPECTED FLOW PATH. THE MAXIMUM DISTANCE BETWEEN SILT FENCES SHALL BE ONE HUNDRED (100) FEET.

2. FILTER FABRIC SHALL BE PROPYLENE. NYLON, POLYESTER OR ETHYLENE YARN CONTAINING ULTRAVIOLET INHIBITORS. FILTER FABRIC SHALL HAVE A MINIMUM EFFICIENCY OF 75 PERCENT AND A MINIMUM TENSILE STRENGTH OF 50 LB. PER LINEAR FOOT AT 20 PERCENT MAXIMUM ELONGATION.

3. SUPPORT POSTS SHALL BE A MINIMUM 4 FOOT LENGTH 2"x4" WOOD POSTS OR "T" SECTION FENCE POSTS DRIVEN A MINIMUM OF 12" INTO THE GROUND. POSTS SHALL BE SPACED A MAXIMUM 6 FEET APART. FABRIC SHALL BE SECURELY FASTENED TO POSTS WITH 1/2" STAPLES OR 16 GA. WIRE TIES SPACED A MAXIMUM OF 6 INCHES APART.

4. A 4" FABRIC TRENCH SHALL BE EXCAVATED ALONG THE UPHILL SIDE OF SILT FENCE POSTS. THE BOTTOM OF FABRIC SHALL EXTEND INTO AND A MINIMUM OF 4" ACROSS THE BOTTOM OF THE TRENCH. TRENCH SHALL BE BACK FILLED TO 4" ABOVE GROUND AND COMPACTED TO BURY AND SECURE BOTTOM OF FABRIC

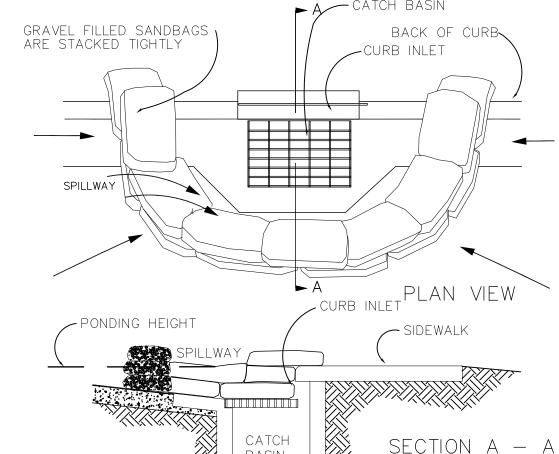
5. CONTRACTOR SHALL MAKE PERIODIC INSPECTIONS TO DETERMINE IF REPAIRS AND SEDIMENT REMOVAL IS REQUIRED. SEDIMENT SHALL BE REMOVED BEFORE IT HAS REACHED 8" IN HEIGHT UPSTREAM OF THE FABRIC.

Silt Fence Detail

- BACK OF SIDEWALK

NOTES:

LAYERED AND PACKED TIGHTLY.



1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS WHERE

2. SANDBAGS, OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL,

3. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.

4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND

WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.

GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

I. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE USED AT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS.

2. THE AGGREGATE SHALL BE 2" CRUSHED ROCK OR 1 TO 3 INCH WASHED WELL GRADED GRAVEL. 3. THE ENTRANCE SHALL BE PROPERLY GRADED TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.

4. THE ENTRANCE SHALL BE CONSTRUCTED ON LEVEL GROUND.

2" CRUSHED GRAVEL

SUBGRADE REINFORCEMENT

GEOTEXTILE, AS REQUIRED

5. PERIODIC TOP DRESSING WITH ADDITIONAL STONE SHALL BE PROVIDED TO INSURE THE INTEGRITY OF THE ENTRANCE DURING CONSTRUCTION.

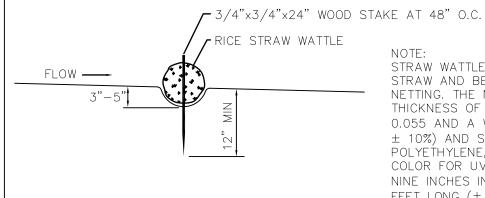
6. THE ENTRANCE SHALL BE INSPECTED MONTHLY AND AFTER EACH RAINFALL.

7. THE CRUSHED ROCK MATERIAL SHALL BE REPLACED WHEN SURFACE VOIDS ARE VISIBLE.

8. ALL SEDIMENT DEPOSITS ON PAVED ROADWAYS SHALL BE REMOVED WITHIN 24 HOURS.

9. THE CRUSHED ROCK AND GEOTEXTILE SHALL BE REMOVED AT COMPLETION OF CONSTRUCTION.

Stabilized Construction Entrance



STRAW WATTLES SHALL BE MANUFACTURED FROM RICE STRAW AND BE WRAPPED IN A TUBULAR BLACK PLASTIC NETTING. THE NETTING SHALL HAVE A STRAND THICKNESS OF 0.30 INCH, AND A KNOT THICKNESS OF 0.055 AND A WEIGHT OF 0.35 OUNCE PER FOOT (EACH ± 10%) AND SHALL BE MADE FROM 85% HIGH DENSITY POLYETHYLENE, 14% ETHYL VINYL ACETATE AND 1% COLOR FOR UV INHIBITION. STRAW WATTLE SHALL BE NINE INCHES IN DIAMETER $(\pm 1")$, BE TWENTY-FIVE FEET LONG (\pm 6") AND WEIGH APPROX. 30 POUNDS (\pm

NTS 2 Bags At Drainage Inlets Straw Wattle Detail

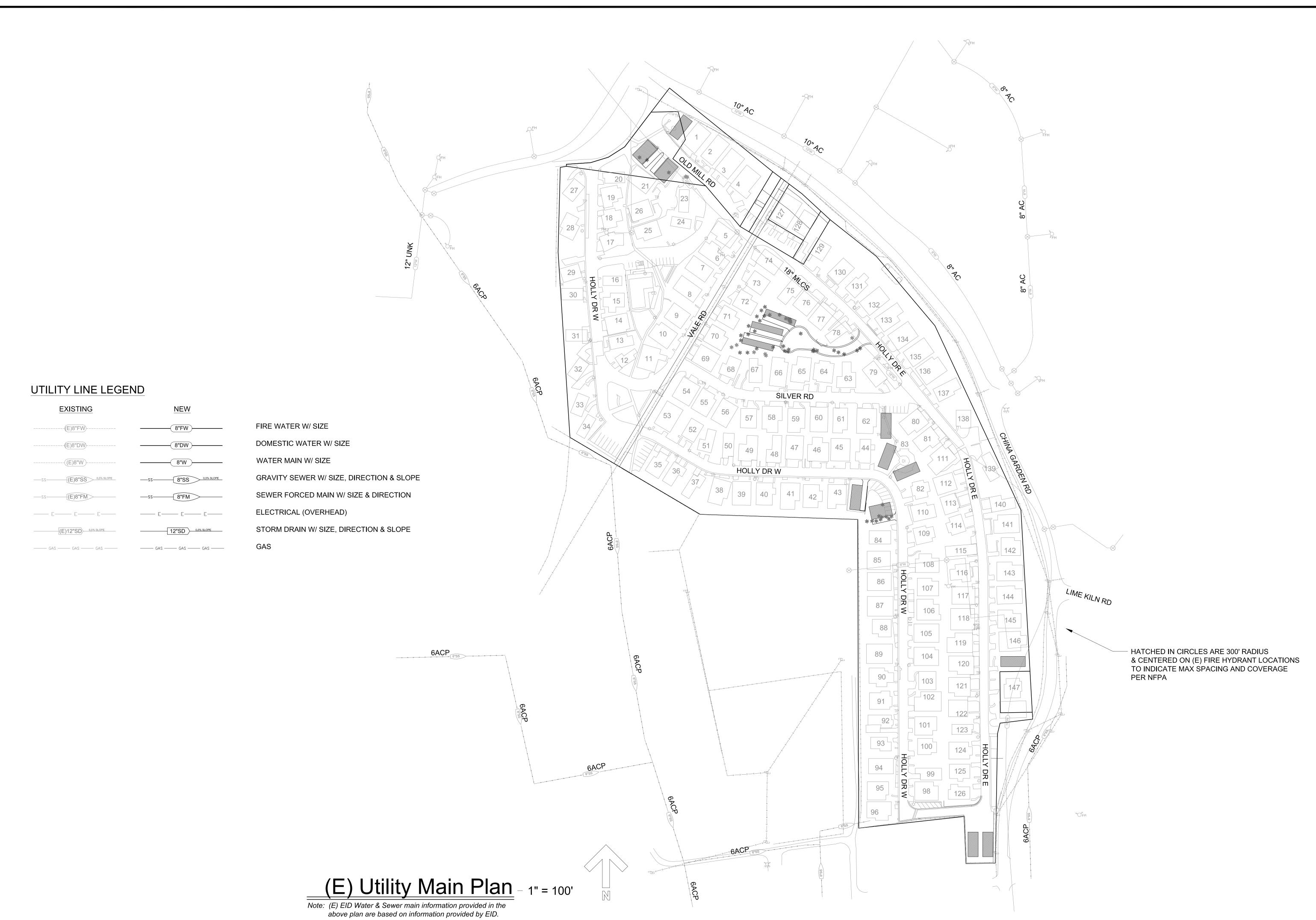
3389 Mira Loma Dr. Ste. 3 Cameron Park, CA 95682 Tel: (530) 677-0900 Fax: (530) 677-0901 www.dz-engineering.com

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Diamond Springs MHP

Designed MB Drawn MB 01/19

Drainage BMP's







Diamond Springs MHP

	amena epinige iii ii		
	By		
	Date		
Revisions	Description		
Rev	Sym	\triangleleft	

Designed MB MB

01/19 (E) Utility Plan

NEA PLAN: E1 Dorado/Diamond Surings FILE NO.	
BONE OF APPLICANT: Diamond Springs Mobilehome Par	
ASSESSOR'S PARCEL NO. 54-32]-48 SECTION	
NEAREST COUNTY ROAD INTERSECTION: Missouri Flat	
GENERAL PLAN AVENDMENT: FROM:	
REZONING: FROM:	
TENTATIVE PARCEL MAP SUBDIVISION TO SPLIT	ACRES INTO LOT
SPECIAL USE PERMIT TO ALLOW: additional units	
OTHER:	
REASONS THE PROJECT WILL NOT HAVE A SIGNIFICANT ENGINEERS THE PROJECT WILL NOT HAVE A SIGNIFICANT ENGINEERS THE PROJECT WILL NOT HAVE A SIGNIFICANT ENGINEERS THE PROJECT WILL NOT HAVE A SIGNIFICANT ENGINEERS. Other:	
In accordance with the authority and criteria	FOR USE BY COUNTY CLERK
Quality Act (CEQA) State Guidelines, and El Dorado County Guidelines for the Implementa-	· s
tion of CEQA, the County Environmental Agent analyzed the project and determined that the project will not have a significant impact on the environment. Based on this finding, the	
Planning Copartment hereby files this NEGA- TIVE DECLARATION. A period of thirty (30)	12 17-82
days from the date of filing of this nega- tive declaration will be provided to enable	ante View an
public review of the project specifications and this document prior to action on the	and the second second

project by EL DORADO COLNTY. A copy of the project specifications is on file in the El Dogado County Planning Department, 360 Fair Lane, PlacerVille, CA 95667.

Date of Signature

Copy Distribution: Original-Board/ Pink-Owner/ Yellow-Engineer/ Goldenrod-File 7/21/80