

GRADING GENERAL NOTES

- 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST ADOPTED VERSION AND AMENDMENTS OF THE CALIFORNIA BUILDING CODE. ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE APPLICABLE CITY/COUNTY STANDARDS AND CALTRANS STANDARD SPECIFICATIONS, LATEST ADOPTED EDITION AND AMENDMENTS. IN THE EVENT THAT THERE IS A CONFLICT BETWEEN CODES, THE CONTRACTOR WILL NOTIFY THE CIVIL ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION. WORK SHALL BE DONE IN ACCORDANCE WITH THE FOLLOWING:
1.1. CHAPTER 18 AND APPENDIX J OF THE 2019 CBC
1.2. SAN LUIS OBISPO COUNTY TITLE 19, 22, AND 23
1.3. THE SOILS ENGINEERING REPORT BY MID COAST GEOTECHNICAL, REPORT NO. 20935, FILE NO. 22-9288, DATED NOVEMBER 6, 2022
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEARING AND DISPOSAL OF THE PROPOSED WORK AREA. THE CONTRACTOR SHALL DISPOSE OF ALL MATERIAL LEGALLY AND IS RESPONSIBLE FOR COMPLYING WITH LOCAL RECYCLING ORDINANCES.
3. NO FILL SHALL BE PLACED ON THE EXISTING GROUND SURFACE UNTIL THE GROUND HAS BEEN CLEARED OF WEEDS, DEBRIS, TOPSOIL, DELETERIOUS MATERIAL AND SCARIFIED AND COMPACTED PER THE GEOTECHNICAL RECOMMENDATIONS.
4. CUT AND FILL SLOPES SHALL BE NO STEEPER THAN TWO FEET HORIZONTAL TO ONE FOOT VERTICAL, 2:1.
5. FILLS SHALL BE COMPACTED TO THE MINIMUM PERCENTAGE OF MAXIMUM DRY DENSITY AS SPECIFIED IN THE PROJECT SOILS REPORT AND CERTIFIED BY THE GEOTECHNICAL ENGINEER.
6. ALL EXISTING FILLS SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER BEFORE ANY ADDITIONAL FILLS ARE ADDED. THE CONTRACTOR AND/OR OWNER SHALL BE HELD LIABLE FOR ANY DAMAGE DUE TO OBSTRUCTING EXISTING DRAINAGE PATTERNS.
7. ALL EXPOSED SLOPES SHALL BE PLANTED PER THE PROJECT LANDSCAPE PLANS AND IRRIGATED UNTIL GROUND COVER IS ESTABLISHED.
8. THE STOCKPILING OF EXCESS MATERIAL IS SUBJECT TO THE APPROVAL OF THE AGENCY.
9. ALL TRENCH BACKFILLS SHALL BE TESTED AND APPROVED BY THE GEOTECHNICAL ENGINEER.
10. ALL CUT SLOPES SHALL BE INVESTIGATED BY THE GEOTECHNICAL ENGINEER DURING GRADING TO DETERMINE IF ANY SLOPE STABILITY PROBLEMS EXIST. SHOULD EXCAVATION DISCLOSE ANY GEOTECHNICAL HAZARDS OR POTENTIAL GEOTECHNICAL HAZARDS THE GEOTECHNICAL ENGINEER SHALL RECOMMEND NECESSARY TREATMENT TO THE CONTRACTOR.
11. THE FINAL COMPACTION REPORT AND APPROVAL FROM THE GEOTECHNICAL ENGINEER SHALL CONTAIN DETAILS REGARDING THE TYPE OF FIELD TESTING PERFORMED INCLUDING THE METHOD OF OBTAINING THE IN-PLACE DENSITY, WHETHER SAND CONE, NUCLEAR GAUGE, OR DRIVE RING SHALL BE NOTED FOR EACH TEST. SUFFICIENT MAXIMUM DENSITY DATA DETERMINATIONS SHALL BE PERFORMED TO VERIFY THE ACCURACY OF THE MAXIMUM DENSITY CURVES USED BY THE FIELD TECHNICIAN.
12. SANITARY FACILITIES SHALL BE MAINTAINED ON SITE THROUGHOUT THE DURATION OF CONSTRUCTION.
13. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF AND PROTECT ALL EXISTING UTILITIES AND TO ENSURE THAT SERVICE IS NOT DISRUPTED TO EXISTING FACILITIES.
14. ALL EXISTING DRAINAGE COURSES ON THE PROJECT SITE MUST CONTINUE TO FUNCTION, ESPECIALLY DURING STORM CONDITIONS AND APPROVED PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PROVISIONS MUST BE USED TO PROTECT EXISTING STRUCTURES AND ADJACENT PROPERTIES DURING THE CONSTRUCTION PROJECT. IN ALL CASES, THE CONTRACTOR AND/OR OWNER SHALL BE HELD LIABLE FOR ANY DAMAGE DUE TO OBSTRUCTING EXISTING DRAINAGE PATTERNS.
15. ALL PLANTERS ADJACENT TO THE FOUNDATIONS SHALL BE SEALED ALONG THE SIDE OF THE FOUNDATION FOOTING AND EXTENDED UNDER THE PLANTER A MINIMUM OF 12" TO PREVENT MOISTURE FROM REACHING THE FOUNDATION SUB-GRADE SOILS.
16. EXPORTED MATERIAL SHALL BE TAKEN TO A LEGAL DUMP SITE OR PERMITTED RECEIVING SITE APPROVED BY THE LOCAL AGENCY HAVING JURISDICTION.
17. PERMISSION IS REQUESTED FROM THE ADJACENT PROPERTY OWNER WHENEVER WORK IS PROPOSED OR NECESSARY ACROSS THE PROJECT'S PROPERTY LINES.
18. ANY DIRT, ROCK, DEBRIS OR CONSTRUCTION MATERIAL THAT IS TRACKED OR DROPPED WITHIN THE PUBLIC RIGHT OF WAY DURING THE TRANSPORTATION OF THAT MATERIAL OR EQUIPMENT ASSOCIATED WITH THE PROJECT SHALL BE CLEANED OR REMOVED DAILY.
19. DIRT ACCESS RAMP OVER CURBS AND GUTTERS TO THE CONSTRUCTION SITE ARE PROHIBITED. WHEN NECESSARY FOR ENTRANCE TO SUCH CONSTRUCTION SITES, TEMPORARY ASPHALT RAMPS WITH A MINIMUM OF A 3" DIAMETER PIPE SHALL BE CONSTRUCTED TO CONVEY GUTTER DRAINAGE.
20. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND OBTAINING REQUIRED PERMITS FROM THE DIVISION OF OCCUPATIONAL SAFETY AND HEALTH (OSHA).
21. PROPOSED REVISIONS TO THE GRADING PLAN SHALL BE DRAWN IN RED PENCIL ON BOND COPIES OF THE APPROVED PLANS. THESE COPIES SHALL BE SUBMITTED TO THE OWNER AND ENGINEER FOR APPROVAL. AFTER APPROVAL IS GIVEN, THE OWNER MAY REQUIRE AS-BUILT OF THE PLANS.
22.1. AIR QUALITY CONTROL MUST BE IMPLEMENTED DURING CONSTRUCTION:
22.1.1. A PERSON SHALL NOT CAUSE OR ALLOW THE EMISSIONS OF FUGITIVE DUST FROM ANY TRANSPORT, HANDLING, CONSTRUCTION OR STORAGE ACTIVITY SO THAT THE PRESENCE OF SUCH DUST REMAINS VISIBLE IN THE ATMOSPHERE BEYOND THE PROPERTY LINE OF THE EMISSION SOURCE. (DOES NOT APPLY TO EMISSION EMANATING FROM IMPROVED ROADWAYS OPEN TO PUBLIC TRAVEL OR FARM ROADS. THIS EXCLUSION SHALL NOT APPLY TO INDUSTRIAL OR COMMERCIAL FACILITIES).
22.1.2. A PERSON SHALL TAKE EVERY RESPONSIBLE PRECAUTION TO MINIMIZE FUGITIVE DUST EMISSIONS FROM WIRKING, EXCAVATION, GRADING, CLEARING OF LAND AND SOLID WASTE DISPOSAL OPERATIONS.
22.1.3. A PERSON SHALL NOT CAUSE OR ALLOW PARTICULATE MATTER TO EXCEED 100 MICROGRAMS PER CUBIC METER WHEN DETERMINED AS THE DIFFERENCE BETWEEN UPWIND AND DOWNWIND SAMPLES COLLECTED ON HIGH VOLUME SAMPLERS AT THE PROPERTY LINE FOR A MINIMUM OF FIVE HOURS.
22.1.4. A PERSON SHALL TAKE EVERY RESPONSIBLE PRECAUTION TO PREVENT VISIBLE PARTICULATE MATTER FROM BEING DEPOSITED UPON PUBLIC ROADWAYS. PRECAUTIONS SHALL INCLUDE, BUT ARE NOT LIMITED TO, THE REMOVAL OF PARTICULATE MATTER FROM EQUIPMENT PRIOR TO THE MOVEMENT ON PAVED STREETS ONTO WHICH SUCH MATERIAL IS DEPOSITED.
22.1.5. SUBSECTIONS (22.1.1) AND (22.2) SHALL NOT BE APPLICABLE WHEN THE WIND SPEED INSTANTANEOUSLY EXCEEDS 40 KILOMETERS (25 MILES) PER HOUR, OR WHEN THE AVERAGE WIND SPEED IS GREATER THAN 25 KILOMETERS (15.5 MILES) PER HOUR. THE AVERAGE WIND SPEED DETERMINATIONS SHALL BE ON A 15 MINUTE AVERAGE AT THE NEAREST OFFICIAL AIR-MONITORING STATION OR BY A WIND INSTRUMENT LOCATED AND MONITORED ON SITE.
23. CONSTRUCTION ACTIVITIES SHALL OCCUR ONLY BETWEEN THE HOURS OF 7:00 AM AND 7:00 PM, MONDAY THROUGH FRIDAY AND BETWEEN THE HOURS OF 9:00 AM AND 6:00 PM SATURDAYS, UNLESS OTHERWISE AUTHORIZED BY THE OWNER AND AGENCY.
24. CONTRACTOR SHALL USE LOW EMISSION MOBILE CONSTRUCTION EQUIPMENT DURING ALL SITE PREPARATION, GRADING AND CONSTRUCTION ACTIVITIES, WHERE FEASIBLE.
25. CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION ENGINES TUNED CONSISTENT WITH MANUFACTURER'S SPECIFICATIONS DURING ALL SITE PREPARATION, GRADING AND CONSTRUCTION ACTIVITIES.
26. CONTRACTOR SHALL USE LOW SULFUR FUEL FOR STATIONARY CONSTRUCTION EQUIPMENT AS REQUIRED BY AGENCIES AND RULE 431.1 AND 431.2 AND SHALL USE EXISTING POWER SOURCES AND CLEAN FUEL GENERATORS WHEN POSSIBLE AS FEASIBLE DURING ALL SITE PREPARATION, GRADING AND CONSTRUCTION ACTIVITIES.
27. CONSTRUCTION PARKING SHALL BE ONSITE. TRAFFIC CONTROL AND ACCESS SHALL BE IN ACCORDANCE WITH THE AGENCY HAVING JURISDICTION OVER THE PROJECT.
28. THE SPEED OF CONSTRUCTION VEHICLES ON-SITE SHALL BE LIMITED TO 15 MILES PER HOUR.
29. TRUCKS AND LARGE CONSTRUCTION VEHICLES SHALL OBTAIN APPROVED ROUTES FROM THE AGENCY'S PUBLIC WORKS DEPARTMENT.
30. THE CONTRACTOR SHALL CONTROL DUST IN AREAS USED FOR OFF-PAVEMENT PARKING, MATERIAL LAYDOWN AREAS OR THOSE AREAS AWAITING FUTURE CONSTRUCTION. FREQUENTLY ACCESSED AREAS SHALL BE PAVED OR BASED AS EARLY AS POSSIBLE TO MINIMIZE DIRT TRACKING ONTO THE PUBLIC RIGHT OF WAY.
31. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING MEASURE:
31.1. CESSATION OF ACTIVITIES DURING A STAGE-2 SMOG EPISODE. CALL 800-242-4022 FOR THE DAILY SMOG FORECAST.
31.2. TRUCK ROUTES AND SCHEDULES FOR THE RECEIPT OF MATERIALS SHALL BE COORDINATED WITH THE APPROPRIATE AGENCIES.
31.3. WHERE FEASIBLE, ON-ROAD AND OFF-ROAD VEHICLES AND EQUIPMENT SHALL BE TURNED OFF AND SUBSEQUENTLY RESTARTED IF THE ANTICIPATED DURATION OF IDLING IS EXPECTED TO EXCEED FIVE MINUTES.
32. THE CONTRACTOR SHALL IMPLEMENT THE FOLLOWING HIGH WIND DUST CONTROL MEASURE WHEN INSTANTANEOUS WIND SPEEDS EXCEED 25 MILES PER HOUR:
32.1. TERMINATION / MODIFICATION OF SCRAPERS, GRADERS OR DOZERS ON UNPAVED SURFACES UNTIL WINDS SUBSIDE.
32.2. APPLICATION OF WATER AS NEEDED TO ANY UNPAVED SURFACE WITH VEHICLE OR EQUIPMENT OPERATIONS.
32.3. APPLICATION OF WATER OR OTHER DUST CONTROL MATERIAL TO ANY PREVIOUSLY GRADED SURFACE IF DUST EMANATION IS VISIBLE FROM SUCH A SURFACE.
33. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EQUIPMENT TO PREVENT VISIBLE SOOT FROM REDUCING LIGHT TRANSMISSION THROUGH THE EXHAUST STACK BY MORE THAN 20 PERCENT FOR MORE THAN THREE MINUTES PER HOUR AND USE LOW SULFUR FUEL AS REQUIRED BY THE APPROPRIATE AGENCY.
34. TRUCKS USED IN HAULING DIRT TO OR FROM THE SITE ON PUBLIC ROADS WILL BE COVERED OR WILL MAINTAIN A SIX INCH DIFFERENTIAL BETWEEN THE MAXIMUM HEIGHT OF ANY MATERIAL HAULED AND THE TOP OF THE TRAILER. HAUL TRUCK DRIVERS WILL LOAD PRIOR TO LEAVING THE SITE TO PREVENT SOIL LOSS DURING TRANSPORTATION.
35. PURSUANT TO SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE, EXISTING SURVEY MONUMENTS SHALL BE NOTED AND DOCUMENTED BEFORE CONSTRUCTION. IF ANY MONUMENTS ARE DISTURBED DURING CONSTRUCTION THE CONTRACTOR SHALL PAY A LICENSED LAND SURVEYOR OR REGISTERED ENGINEER TO RESET SUCH MONUMENTS.

PROFESSIONAL ENGINEERS NOTICE TO CONTRACTOR

- 1. ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR AND THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS "CONSTRUCTION SAFETY ORDERS." THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS AND SUBCONTRACTORS COMPLIANCE WITH SAID REGULATIONS AND ORDERS.
2. CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB-SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE CIVIL ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
3. THE EXISTENCE AND APPROXIMATE LOCATIONS OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. THE CIVIL ENGINEER ASSUMES NO LIABILITY AS TO THE EXACT LOCATION OF SAID LINES NOR FOR UTILITY OR IRRIGATION LINES WHOSE LOCATIONS ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY AND IRRIGATION COMPANIES PRIOR TO WORK OR EXCAVATION TO DETERMINE THE EXACT LOCATIONS OF ALL LINES AFFECTING THIS WORK, WHETHER OR NOT SHOWN HEREON. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO OR PROTECTION OF ALL EXISTING UTILITY LINES.
4. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION OF THE SITE AND SHALL REMOVE AND DISPOSE OF ALL STRUCTURES ABOVE AND OR BELOW GROUND UNLESS OTHERWISE NOTED. ANY HAZARDOUS MATERIALS ENCOUNTERED SHALL BE HANDLED AND REMOVED AS REQUIRED BY LOCAL AND/OR STATE LAWS AT NO COST TO THE OWNER.
5. THE CONTRACTOR SHALL EXERCISE DUE CARE TO AVOID DAMAGE TO EXISTING HARDCAPE IMPROVEMENTS, UTILITY FACILITIES, AND LANDSCAPING FEATURES THAT ARE NOT AFFECTED BY THESE PLANS.
6. ALL JOIN LINES SHALL BE SAW CUT ON A NEAT, STRAIGHT LINE PARALLEL WITH THE JOIN. THE CUT EDGE SHALL BE PROTECTED FROM CRUSHING, AND ALL BROKEN EDGES SHALL BE RE-cut PRIOR TO JOINING.
7. ALL EXISTING OBJECTIONABLE MATERIALS THAT CONFLICT WITH PROPOSED IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, BUILDING FOUNDATIONS, UTILITIES AND APPURTENANCES, TREES, SIGNS, AND STRUCTURES, ETC. SHALL BE REMOVED AND DISPOSED BY THE CONTRACTOR AT NO COST TO THE OWNER, UNLESS OTHERWISE INDICATED HEREIN, OR AS DIRECTED BY THE CONSTRUCTION MANAGER.
8. THE CONTRACTOR SHALL PROTECT ALL EXISTING STREETS FROM DAMAGES CAUSED BY HIS OPERATIONS. ANY CURBS DAMAGED DURING HIS OPERATIONS SHALL BE SAWCUT AND REPLACED AT NO COST TO THE OWNER. ANY EXISTING PAVED IDENTIFIED AS POTENTIALLY NEEDING TO BE REPLACED SHALL BE BROUGHT TO THE ATTENTION OF THE OWNERS REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF WORK.
9. THE CONTRACTOR SHALL PERFORM AND BE RESPONSIBLE FOR ALL CLEARING AND GRUBBING OPERATIONS AS NECESSARY TO COMPLETE THE WORK, INCLUDING TRANSPORTATION AND DISPOSAL OF ALL REMOVED MATERIALS, AND ALL ASSOCIATED COSTS.

DEMOLITION GENERAL NOTES

- 1. UTILITIES: THE EXISTENCE AND APPROXIMATE LOCATIONS OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS AND BEST RECOLLECTION OF FACILITY STAFF. THE CIVIL ENGINEER ASSUMES NO LIABILITY AS TO THE EXACT LOCATION OF SAID LINES NOR FOR UTILITY OR IRRIGATION LINES WHOSE LOCATIONS ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY AND IRRIGATION COMPANIES PRIOR TO WORK OR EXCAVATION TO DETERMINE THE EXACT LOCATIONS OF ALL LINES AFFECTING THIS WORK, WHETHER OR NOT SHOWN HEREON. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO OR PROTECTION OF ALL EXISTING UTILITY LINES.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION OF THE SITE AND SHALL REMOVE AND DISPOSE OF ALL STRUCTURES ABOVE AND OR BELOW GROUND UNLESS OTHERWISE NOTED. ANY HAZARDOUS MATERIALS ENCOUNTERED SHALL BE HANDLED AND REMOVED AS REQUIRED BY LOCAL AND/OR STATE LAWS AT NO COST TO THE OWNER.
3. THE CONTRACTOR SHALL EXERCISE DUE CARE TO AVOID DAMAGE TO EXISTING HARDCAPE IMPROVEMENTS, UTILITY FACILITIES, AND LANDSCAPING FEATURES THAT ARE NOT AFFECTED BY THESE PLANS.
4. ALL JOIN LINES SHALL BE SAW CUT ON A NEAT, STRAIGHT LINE PARALLEL WITH THE JOIN. THE CUT EDGE SHALL BE PROTECTED FROM CRUSHING, AND ALL BROKEN EDGES SHALL BE RE-cut PRIOR TO JOINING.
5. ALL EXISTING OBJECTIONABLE MATERIALS THAT CONFLICT WITH PROPOSED IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, BUILDING FOUNDATIONS, UTILITIES AND APPURTENANCES, TREES, SIGNS, AND STRUCTURES, ETC. SHALL BE REMOVED AND DISPOSED BY THE CONTRACTOR AT NO COST TO THE OWNER, UNLESS OTHERWISE INDICATED HEREIN, OR AS DIRECTED BY THE CONSTRUCTION MANAGER.
6. THE CONTRACTOR SHALL PROTECT ALL EXISTING STREETS FROM DAMAGES CAUSED BY HIS OPERATIONS. ANY CURBS DAMAGED DURING HIS OPERATIONS SHALL BE SAWCUT AND REPLACED AT NO COST TO THE OWNER. ANY EXISTING PAVED IDENTIFIED AS POTENTIALLY NEEDING TO BE REPLACED SHALL BE BROUGHT TO THE ATTENTION OF THE OWNERS REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF WORK.
7. THE CONTRACTOR SHALL PERFORM AND BE RESPONSIBLE FOR ALL CLEARING AND GRUBBING OPERATIONS AS NECESSARY TO COMPLETE THE WORK, INCLUDING TRANSPORTATION AND DISPOSAL OF ALL REMOVED MATERIALS, AND ALL ASSOCIATED COSTS.

ABBREVIATIONS

Table with 3 columns: Abbreviation, Full Name, and Description. Includes entries for APWA, AC, ARCH, BLDG, BW, C/L, CB, CMU, CONC, DDC, ECR, EG, EL, ENG, EP, ESMT, FF, FG, FH, FL, FS, GM, GUY, HP, IE, INCV, IRR, JP, MH, etc.

ACCESSIBILITY NOTICE TO CONTRACTOR

- 1. ALL SLOPES IN DIRECTION OF TRAVEL SHOWN ON THIS PLAN WERE DESIGNED AT OR BELOW MAXIMUM ALLOWED GRADES BY THE AMERICANS WITH DISABILITIES ACT ACCESS GUIDE (ADAAG), AND THE CALIFORNIA BUILDING CODE (CBC) IT IS THE RESPONSIBILITY OF THE CONTRACTORS TO FAMILIARIZE THEMSELVES WITH THE ADAAG AND CBC AND IN THE EVENT THAT A DESIGN QUESTION SHOULD ARISE, OR A FIELD CONDITION PRESENT ITSELF THAT IS DIFFERENT THAN SHOWN ON THESE PLANS, WORK SHOULD CEASE AND THE DESIGN ENGINEER SHALL BE NOTIFIED SO THAT AN ACCEPTABLE SOLUTION CAN BE DETERMINED.
2. THE CONTRACTOR IS ADVISED TO CAREFULLY CHECK ALL PHASES OF WORK RELATING TO ADAAG AND CBC ACCESS FOR THIS PROJECT, SINCE THE CODE DOES NOT ALLOW FOR A CONSTRUCTION TOLERANCE, ANY CONSTRUCTION THAT EXCEEDS MAXIMUM OR MINIMUM DIMENSIONS AND SLOPES AS CALLED OUT BY ADAAG AND CBC ARE SUBJECT TO REJECTION BY THE INSPECTOR AND MAY BE REQUIRED TO BE REMOVED AND REPLACED.
3. SINCE THE CIVIL ENGINEER OR SURVEYOR CANNOT CONTROL THE EXACT METHODS OR MEANS USED BY THE GENERAL CONTRACTOR OR THEIR SUB-CONTRACTORS DURING THE GRADING AND CONSTRUCTION OF THE PROJECT, THE CIVIL ENGINEER OR SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE FINAL ACCEPTANCE OF ADAAG AND CBC RELATED ITEMS OF THIS PROJECT BY THE INSPECTING AUTHORITY OR OTHER AFFECTED PARTIES.
4. COMPLIANCE WITH THE ADAAG AND CBC CONSTRUCTION REQUIREMENTS AND CALIFORNIA TITLE 24 WILL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS.

PROJECT INFORMATION

ZONING: RECREATIONAL
APN: 013-131-038
FLOOD ZONE: X
SITE AREA: 28.12 AC
AREA DISTURBED: 0.1 AC
SITE SLOPE: 3%
MAX SLOPE WHERE GRADING OCCURS: 2%
WDD NUMBER: NOT REQUIRED (LESS THAN 1 ACRE)

GRADING INFORMATION*
CUT QUANTITY: 20 CUBIC YARDS
FILL QUANTITY: 20 CUBIC YARDS
NET CUT/FILL: 0 CUBIC YARDS EXPORT

* EARTHWORK QUANTITIES ARE PROVIDED FOR PERMITTING INFORMATION ONLY. THE QUANTITIES SHOWN ABOVE ARE NOT INTENDED FOR USE BY THE CONTRACTOR WHEN ESTIMATING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO GENERATE AND/OR VERIFY EARTHWORK QUANTITIES.

UTILITY INFORMATION

ELECTRICITY: PACIFIC GAS AND ELECTRIC
WWW.PGE.COM
1-800-PGE-5000
WATER/SEWER: CAMBRIA COMMUNITY SERVICES DISTRICT
1316 TAMSEN STREET, SUITE 201
CAMBRIA, CA 93428
805-927-6223

SURVEY NOTES

BENCHMARK: THE BENCHMARK FOR THIS PROJECT IS NGS CONTROL POINT (DESIGNATION - 2 693 RESET, PID - FV2058) AT THE INTERSECTION OF BURTON DRIVE AND MAIN STREET IN CAMBRIA, 29 FEET NORTHERLY OF INTERSECTION, IN PLANTER AREA NEXT TO PARKING LOT FOR NEW BANK OF AMERICA BUILDING, 0.6 FEET ABOVE SIDEWALK.
ELEVATION = 67.90 FEET NAVD83
BASIS OF BEARING: THE BASIS OF BEARING FOR THIS PROJECT IS BASED ON CA STATE PLANE COORDINATE SYSTEM ZONE V, NAD83 (1992), AS DEFINED BY CONTROL POINTS 19 AND 20 SHOWN ON 69 RS 74. THE BEARING BETWEEN THESE POINTS IS 5 76' 42 57" W PER SAID MAP.
ORIGIN OF SURVEY INFORMATION: THE TOPOGRAPHIC INFORMATION SHOWN IN THESE DRAWINGS AND USED TO DESIGN THE INFORMATION SHOWN ON THESE PLANS WAS PERFORMED AND PREPARED BY MRS LAND SURVEYS IN MAY, 2015. IF DISCREPANCIES ARE ENCOUNTERED DURING CONSTRUCTION THE SURVEYOR AND CONTRACTOR WILL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY AND PRIOR TO CONTINUING CONSTRUCTION.

PROJECT PARTICIPANTS

PROPERTY OWNER: CAMBRIA COMMUNITY SERVICES DISTRICT
1316 TAMSEN STREET, SUITE 201
CAMBRIA, CA 93428
805-927-6223
AGENCY: COUNTY OF SAN LUIS OBISPO
1055 MONTEREY STREET
SAN LUIS OBISPO, CA 93408
805-781-5000
CIVIL ENGINEER: CIVIL DESIGN STUDIO, INC.
MONTE SOTO, P.E., QSD
P.O. BOX 199
CAMBRIA, CA 93428
805-706-0401
GEOTECHNICAL ENGINEER: MID COAST GEOTECHNICAL, INC.
DANE JENSEN, PE, GE
3124 EL CAMINO REAL
ATASCADERO, CA 93422
805-461-0965
BIOLOGIST: KEVIN MERK ASSOCIATES, LLC
KEVIN MERK, PRINCIPAL BIOLOGIST
PO BOX 318
SAN LUIS OBISPO, CA 93406
805-748-5837

NOISE REDUCTION PLAN

- 1. LIMIT ALL PHASES OF CONSTRUCTION TO THE HOURS OF 7:00 AM TO 9:00PM MONDAY THROUGH FRIDAY AS REQUIRED BY COUNTY ORDINANCE.
2. REGULAR NOTIFICATION OF ALL EXISTING AND FUTURE RESIDENCES WITHIN 1,000 FEET OF THE SITE BOUNDARY CONCERNING THE CONSTRUCTION SCHEDULE.
3. SHIELD ESPECIALLY LOUD PIECES OF STATIONARY CONSTRUCTION EQUIPMENT;
4. LOCATE PORTABLE GENERATORS, AIR COMPRESSORS, ETC. AWAY FROM SENSITIVE NOISE RECEPTORS;
5. LIMIT GROUPING MAJOR PIECES OF EQUIPMENT OPERATING IN ONE AREA TO THE GREATEST EXTENT FEASIBLE;
6. PLACE HEAVILY TRAFFICKED AREAS SUCH AS THE MAINTENANCE YARD, EQUIPMENT, TOOLS, AND OTHER CONSTRUCTION RELATED OPERATIONS IN LOCATIONS THAT WOULD BE LEAST DISRUPTIVE TO SURROUNDING SENSITIVE NOISE RECEPTORS;
7. USE NEWER EQUIPMENT THAT IS QUIETER AND ENSURE THAT ALL EQUIPMENT ITEMS HAVE THE MANUFACTURER'S RECOMMENDED NOISE ABATEMENT MEASURES, SUCH AS MUFFLERS, ENGINE COVERS, AND ENGINE VIBRATION ISOLATORS INTACT AND OPERATIONAL. INTERNAL COMBUSTION ENGINES USED FOR ANY PURPOSE ON OR RELATED TO THE JOB SHALL BE EQUIPPED WITH A MUFFLER OR Baffle OF A TYPE RECOMMENDED BY THE MANUFACTURER;
8. CONDUCT WORKER-TRAINING MEETINGS TO EDUCATE AND ENCOURAGE NOISE AWARENESS AND SENSITIVITY. THIS TRAINING SHOULD FOCUS ON WORKER CONDUCT WHILE IN THE VICINITY OF SENSITIVE RECEPTORS (I.E. MINIMIZING AND LOCATING THE USE OF CIRCULAR SAWS IN AREAS ADJACENT TO SENSITIVE RECEPTORS AND BEING MINDFUL OF SHOUTING AND THE LOUD USE OF ATTENTION DRAWING LANGUAGE); AND,
9. NOTIFY SURROUNDING RESIDENCES IN ADVANCE OF THE CONSTRUCTION SCHEDULE WHEN UNAVOIDABLE CONSTRUCTION NOISE AND UPCOMING CONSTRUCTION ACTIVITIES LIKELY TO PRODUCE AN ADVERSE NOISE ENVIRONMENT ARE EXPECTED. NOTIFYING SHALL PROVIDE PHONE NUMBER OF THE PROJECT MANAGER, CONSTRUCTION FOREMAN, AND ANY OTHER TEAM MEMBERS. THIS NOTICE SHALL BE GIVEN ONE WEEK IN ADVANCE, AND AT A MINIMUM OF ONE DAY IN ADVANCE IF ANTICIPATED ACTIVITIES HAVE CHANGED (I.E., NOTICE IN LOCAL PUBLICATION, TEMPORARY SIGNAGE POSTINGS, ETC.). PROJECT REPRESENTATIVES SHALL VERBALLY NOTIFY ALL SURROUNDING RESIDENTIAL OWNERS IF ONE DAY ADVANCE NOTICE IS GIVEN.

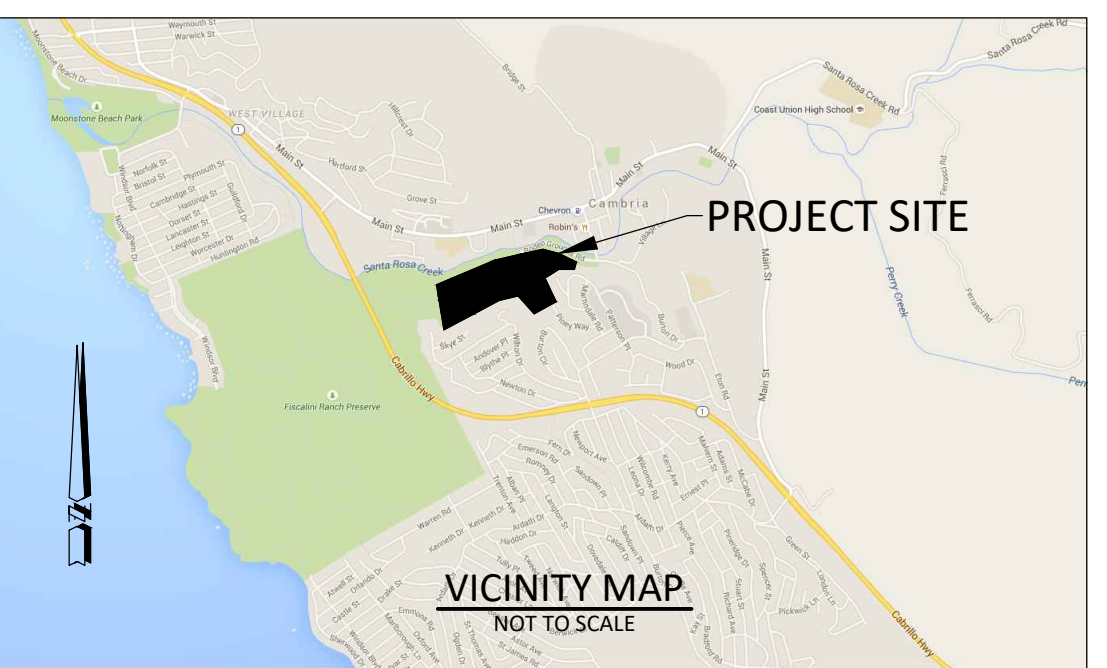
AIR POLLUTION CONTROL DISTRICT (APCD) NOTES

- DEVELOPMENTAL BURNING
1. DEVELOPMENTAL BURNING OF VEGETATIVE MATERIAL IS PROHIBITED IN SAN LUIS OBISPO COUNTY.
DUST CONTROL MEASURES
1. REDUCE THE AMOUNT OF DISTURBED AREA WHERE POSSIBLE.
2. WATER TRUCKS OR SPRINKLER SYSTEMS SHALL BE USED IN SUFFICIENT QUANTITIES TO PREVENT AIRBORNE DUST FROM LEAVING THE SITE. INCREASED WATERING FREQUENCY SHALL BE REQUIRED WHENEVER WIND SPEEDS EXCEED 15 MPH. RECYCLED (NON-POTABLE) WATER SHALL BE USED WHENEVER POSSIBLE. SINCE WATER USE IS A CONCERN DUE TO DROUGHT CONDITIONS, THE CONTRACTOR OR BUILDER SHALL CONSIDER THE USE OF AN APCD APPROVED DUST SUPPRESSANT WHERE FEASIBLE TO REDUCE THE AMOUNT OF WATER USED FOR DUST CONTROL.
3. ALL DIRT STOCKPILE AREAS SHALL BE SPRAYED DAILY AS NEEDED.
4. EXPOSED GROUND AREAS THAT ARE PLANNED TO BE REWORKED AT DATES GREATER THAN ONE MONTH AFTER INITIAL GRADING SHALL BE SOWN WITH A FAST-GERMINATING NATIVE GRASS SEED (NATIVE TO THE FRP) AND WATERED UNTIL VEGETATION IS ESTABLISHED.
5. ALL DISTURBED SOIL AREAS NOT SUBJECT TO RE-VEGETATION SHALL BE STABILIZED USING APPROVED CHEMICAL SOIL BINDERS, JUTE NETTING, OR OTHER METHODS APPROVED IN COMPLIANCE BY THE APCD.
6. ALL ROADWAYS, DRIVEWAYS, SIDEWALKS, ETC. TO BE PAVED SHOULD BE COMPLETED AS SOON AS POSSIBLE AFTER INITIAL SITE GRADING. IN ADDITION, BUILDING PADS SHALL BE LAID AS SOON AS POSSIBLE AFTER GRADING UNLESS SEEDING OR SOIL BINDERS ARE USED.
7. VEHICLE SPEED FOR ALL CONSTRUCTION VEHICLES SHALL BE POSTED TO NOT EXCEED 15 MPH ON ANY UNPAVED SURFACE AT THE CONSTRUCTION SITE.
8. ALL TRUCKS HAULING DIRT, SAND, OR OTHER LOOSE MATERIALS ARE TO BE COVERED OR SHALL MAINTAIN AT LEAST TWO FEET OF FREE BOARD (MINIMUM VERTICAL DISTANCE BETWEEN TOP OF LOAD AND TOP OF TRAILER) IN ACCORDANCE WITH CVC 5 23114
9. WHEEL WASHERS SHALL BE INSTALLED WHERE VEHICLES ENTER AND EXIT UNPAVED ROADS ONTO STREETS, OR WASH OFF TRUCKS AND EQUIPMENT LEAVING THE SITE.
10. STREETS SHALL BE SWEEPED AT THE END OF EACH DAY IF VISIBLE SOIL MATERIAL IS CARRIED ONTO ADJACENT PAVED ROADS. WATER SWEEPERS WITH RECLAIMED WATER SHALL BE USED WHEN FEASIBLE.
11. PERMANENT DUST CONTROL MEASURES SHALL BE IMPLEMENTED AS SOON AS POSSIBLE FOLLOWING COMPLETION OF ANY SOIL DISTURBING ACTIVITIES.
12. THE CONTRACTOR OR BUILDER SHALL DESIGNATE A PERSON OR PERSONS TO MONITOR FUGITIVE DUST EMISSIONS AND ENHANCE THE IMPLEMENTATION OF THE MEASURES AS NECESSARY TO MINIMIZE DUST COMPLAINTS AND REDUCE VISIBLE EMISSIONS BELOW THE APCD'S 20% OPACITY FOR GREATER THAN THREE MINUTES IN AND 60 MINUTE PERIOD. THEIR DUTIES SHALL INCLUDE HOLIDAYS AND WEEKEND PERIODS WHEN WORK MAY NOT BE IN PROGRESS. THE NAME AND TELEPHONE NUMBER OF SUCH PERSONS SHALL BE PROVIDED TO THE APCD COMPLIANCE DECISION PRIOR TO THE START OF ANY GRADING, EARTHWORK, OR DEMOLITION.

CONSTRUCTION PHASE IDLING LIMITATIONS

- 1. ON ROAD DIESEL VEHICLES SHALL COMPLY WITH SECTION 2485 OF TITLE 13 OF THE CALIFORNIA CODE OF REGULATIONS. THIS REGULATION LIMITS IDLING FROM DIESEL FUELED COMMERCIAL MOTOR VEHICLES WITH GROSS VEHICLE WEIGHT RATINGS OF MORE THAN 10,000 LBS AND LICENSED FOR OPERATION ON HIGHWAYS. IT APPLIES TO CALIFORNIA AND NON-CALIFORNIA BASE VEHICLES. IN GENERAL, THE REGULATION SPECIFICALY:
1.1. SHALL NOT IDLE THE VEHICLE'S PRIMARY DIESEL ENGINE FOR GREATER THAN FIVE MINUTES AT ANY LOCATION, EXCEPT AS NOTED IN SUBSECTION (d) OF THE REGULATION; AND
1.2. SHALL NOT OPERATE A DIESEL FUELED AUXILIARY POWER SYSTEM (APS) TO POWER A HEATER, AIR CONDITIONER, OR ANY ANCILLARY EQUIPMENT ON THAT VEHICLE DURING SLEEPING OR RESTING IN A SLEEPER BERTH FOR GREATER THAN FIVE MINUTES AT ANY LOCATION WITHIN 1,000 FT OF A RESTRICTED AREA, EXCEPT AS NOTED IN SUBSECTION (d) OF THE REGULATION.
2. OFF ROAD DIESEL EQUIPMENT SHALL COMPLY WITH THE FIVE MINUTE IDLING RESTRICTION IDENTIFIED IN SECTION 2449(d)(2) FO THE CALIFORNIA AIR RESOURCES BOARD'S USE OFF ROAD DIESEL REGULATION.
3. SIGNS MUST BE POSTED IN THE DESIGNATED QUEUING AREAS AND JOB SITES TO REMIND DRIVERS AND OPERATORS OF THE STATE'S FIVE MINUTE IDLING LIMIT.
4. THE SPECIFIC REQUIREMENTS AND EXCEPTIONS IN THE REGULATIONS CAN BE REVIEWED AT THE FOLLOWING WEBSITES: WWW.ARB.CA.GOV/MSPROG/TRUCK-IDLING/2845.PDF AND WWW.ARB.CA.GOV/REGACT/2007/08IDES107/FROCAL.PDF
5. IN ADDITION TO THE STATE REQUIRED DIESEL IDLING REQUIREMENTS, THE PROJECT APPLICANT SHALL COMPLY WITH THESE MORE STRICT REQUIREMENTS TO MINIMIZE IMPACTS TO NEARBY SENSITIVE RECEPTORS:
8.1. STAGING AND QUEUING AREAS SHALL NOT BE LOCATED WITHIN 1,000 FT OF SENSITIVE RECEPTORS.
8.2. DIESEL IDLING WITHIN 1,000 FT OF SENSITIVE RECEPTORS SHALL NOT BE PERMITTED;
8.3. USE OF ALTERNATIVE FUELED EQUIPMENT IS RECOMMENDED;
8.4. SIGNS THAT SPECIFY THE NO IDLING AREAS MUST BE POSTED AND ENFORCED AT THE SITE.

- OPERATIONAL PHASE IMPACTS
1. IF THE PROPOSED PROJECT INCREASES VEHICLE TRAFFIC BY 36 OR MORE TRIPS PER DAY, THE APCD RECOMMENDS THAT THE PROJECT IMPLEMENT THE FOLLOWING:
1.1. FOR THE LIFE OF THE PROJECT, PAVE AND MAINTAIN THE ROADS, DRIVEWAYS, AND/OR PARKING AREAS; OR
1.2. SHALL NOT OPERATE A DIESEL FUELED AUXILIARY POWER SYSTEM (APS) TO POWER A HEATER, AIR CONDITIONER, OR ANY ANCILLARY EQUIPMENT ON THAT VEHICLE DURING SLEEPING OR RESTING IN A SLEEPER BERTH FOR GREATER THAN FIVE MINUTES AT ANY LOCATION WITHIN 1,000 FT OF A RESTRICTED AREA, EXCEPT AS NOTED IN SUBSECTION (d) OF THE REGULATION.
1.3. TO IMPROVE THE DUST SUPPRESSANT'S LONG TERM EFFICACY, THE APPLICANT SHALL ALSO IMPLEMENT AND MAINTAIN DESIGN STANDARDS TO ENSURE VEHICLES THAT USE THE ONSITE UNPAVED ROADS ARE PHYSICALLY LIMITED TO A POSTED SPEED LIMIT OF 15 MPH OR LESS.



PROJECT ROAD MAP

THIS CURRENT PROPOSED PROJECT IS PHASE 2 OF A LARGER PROJECT THAT INCLUDES MULTIPLE FUTURE PROJECTS. PHASE 1 HAS BEEN CONSTRUCTED. THE COMPLETE PROJECT ROAD MAP AND COMPLETE SCOPE OF WORK IS SHOWN BELOW FOR REFERENCE. THE CURRENT PHASE 2 SCOPE IS SHOWN IN BLACK TEXT. PHASE 1 AND OTHER FUTURE PHASES IS SHOWN IN SHADDED TEXT FOR REFERENCE.

- SCOPE OF WORK:
PHASE #2 (THESE PLANS):
SITE PREP FOR INSTALLATION OF A 168 SQ FT PRE-MANUFACTURED BATHROOM BUILDING WITH AN HCD TAG. THIS PROJECT REQUIRES 20 CUBIC YARDS OF CUT AND 20 CUBIC YARDS OF FILL OVER AN AREA OF 0.1 ACRE. UTILITIES INCLUDE RECYCLED WATER FOR FLUSHING, POTABLE WATER FOR HAND WASHING / DRINKING, CONNECTION TO THE PUBLIC SEWER, AND ELECTRICAL FOR THE PRE-MANUFACTURED BUILDING. THE PROJECT ALSO INCLUDES ACCESSIBLE SIDEWALK WHICH CONNECTS THE EXISTING ACCESSIBLE PARKING SPACES TO THIS ACCESSIBLE BATHROOM BUILDING.
FUTURE PHASES - REFERENCE PROJECT ROAD MAP FOR PHASE 1 PLANS.

PRE-CONSTRUCTION MEETING: THE COUNTY WILL SCHEDULE A PRE-CONSTRUCTION MEETING PRIOR TO COMMENCEMENT OF WORK. THE MEETING WILL INCLUDE (AT A MINIMUM) THE OWNER/REPRESENTATIVE, CONTRACTORS, THE ENGINEER OF RECORD, THE GEOTECHNICAL ENGINEER, BIOLOGIST, PERTINENT UTILITY COMPANY REPRESENTATIVES, THE SURVEYOR, AND AGENCY STAFF. AT THE PRE-CONSTRUCTION MEETING THE INSPECTOR, GEOTECHNICAL ENGINEER, AND CONTRACTOR ARE REQUIRED TO GO OVER THE SPECIAL INSPECTION REPORTING REQUIREMENTS, EROSION CONTROL, AND VERIFY THAT THE SPECIAL INSPECTORS ARE APPROVED.
SEPARATE PERMITS: SEPARATE PERMITS ARE REQUIRED FOR ALL FUTURE WORK NOT INCLUDED IN THESE PLANS. THIS INCLUDES BUILDINGS, WALKWAYS, SPORTS FIELDS, PLAYGROUND EQUIPMENT, DISABLED ACCESS COMPLIANCE, LIGHTING, AND ALL UTILITIES.
SPECIAL INSPECTION TABLE: SEE TABLE 1705.6 FROM THE 2019 CALIFORNIA BUILDING CODE TO THE LEFT.
COA-17: PER COA 17 SOIL MATERIAL FOR THIS PROJECT WILL BE MOVED AT A RATE LESS THAN 2,000 CUBIC YARDS PER DAY, AND LESS THAN 53,500 CUBIC YARDS PER QUARTER.

- REPORTS REQUIRED:
• FINAL REPORTS SHALL BE REQUIRED IN ACCORDANCE WITH TITLE 19 FOR ENGINEERED GRADING. THE ENGINEER OF RECORD SHALL PROVIDE A FINAL REPORT VERIFYING THE WORK PERFORMED IS IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED PLANS.
• A SOIL OR CIVIL ENGINEER SHALL DETERMINE THAT THE GRADING PERFORMED IS IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED PLANS AND IS SUITABLE TO SUPPORT ALL OF THE INTENDED FEATURES.

APCD NOTE: PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE A LIST OF ALL HEAVY DUTY CONSTRUCTION EQUIPMENT THAT WILL BE USED DURING THE PROJECT TO THE APCD. THIS LIST SHALL INCLUDE THE FOLLOWING: YEAR, MAKE, MODEL, & ENGINE SIZE.
THE CONTRACTOR SHALL PROVIDE AUTHORITY TO CONSTRUCT FROM THE APCD PRIOR TO THE PRE-CONSTRUCTION MEETING.

NOTIFICATION NOTE: PRIOR TO CONSTRUCTION, THE OWNER SHALL NOTIFY/INFORM ALL SURROUNDING RESIDENTS/NEIGHBORS ADJACENT TO THIS PROPERTY OF THE PROPOSED PROJECT AND SCHEDULE.

- 1.1. SHALL NOT IDLE THE VEHICLE'S PRIMARY DIESEL ENGINE FOR GREATER THAN FIVE MINUTES AT ANY LOCATION, EXCEPT AS NOTED IN SUBSECTION (d) OF THE REGULATION; AND
1.2. SHALL NOT OPERATE A DIESEL FUELED AUXILIARY POWER SYSTEM (APS) TO POWER A HEATER, AIR CONDITIONER, OR ANY ANCILLARY EQUIPMENT ON THAT VEHICLE DURING SLEEPING OR RESTING IN A SLEEPER BERTH FOR GREATER THAN FIVE MINUTES AT ANY LOCATION WITHIN 1,000 FT OF A RESTRICTED AREA, EXCEPT AS NOTED IN SUBSECTION (d) OF THE REGULATION.
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8.3. USE OF ALTERNATIVE FUELED EQUIPMENT IS RECOMMENDED;
8.4. SIGNS THAT SPECIFY THE NO IDLING AREAS MUST BE POSTED AND ENFORCED AT THE SITE.

Sheet List Table with columns: Sheet Number, Sheet Title. Includes sheets C100 (TITLE SHEET), C101 (CONDITIONS OF APPROVAL), C200 (EXISTING CONDITIONS), C300 (SITE PLAN), C400 (GRADING AND DRAINAGE PLAN), C500 (UTILITY PLAN), C700 (EROSION CONTROL PLAN), C800 (DETAIL SHEET), T-1 (TITLE SHEET), A-C (ACCESSIBILITY COMPLIANCE), A-1 (FLOOR PLAN, STRUCTURAL DESIGN & SCHEDULES), A-1-1 (BUILDING SECTIONS, ROOF FRAMING & T.O. THE WALL CAP BEAM PLANS), A-2 (EXTERIOR ELEVATIONS & SCHEDULES), A-3 (INTERIOR ELEVATIONS & SCHEDULES), P-1 (PLUMBING PLAN & SCHEDULES), E-1 (ELECTRICAL PLAN & SCHEDULES), S-1 (CONCRETE SLAB & STEEL PERIMETER PLAN & DETAILS).

DIGALERT logo and text: DIAL TOLL FREE 811 OR (1-800-227-2600) AT LEAST TWO DAYS BEFORE YOU DIG. UNDERGROUND SERVICE ALERT OF CALIFORNIA

CIVIL DESIGN STUDIO logo and contact information: CIVIL ENGINEERING | PLANNING | PERMITTING. P.O. Box 199, Cambria, CA 93428. PROJECT NAME: FISCALINI RANCH PRESERVE PARK: PHASE 2. PROJECT LOCATION: CAMBRIA COMMUNITY SERVICES DISTRICT, 1316 TAMSEN DRIVE, CAMBRIA, CA 93428. SHEET 1 OF 8 SHEETS.

SANTA ROSA CREEK

RODEO GROUNDS RD

APN 013-131-038

DIRECTION OF DRAINAGE, TYP

FLOOD ZONE AE

FLOOD ZONE X

PROPERTY LINE

EXISTING DRAINAGE CHANNEL

DETAIL VIEW, SHEET C300

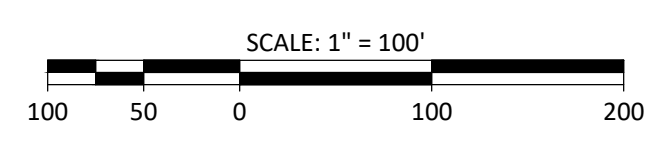
EXISTING PROJECT DRIVEWAY FROM RODEO GROUNDS RD

EXISTING TOPOGRAPHIC NOTES

- 1 EXISTING DOG PARK - PROTECT IN PLACE
- 2 EXISTING GRAVEL PARKING LOT - PROTECT IN PLACE
- 3 EXISTING ACCESSIBLE PARKING SPACE - PROTECT IN PLACE
- 4 EXISTING ACCESSIBLE PATH - PROTECT IN PLACE
- 5 EXISTING UTILITY FEATURE - PROTECT IN PLACE

DEMOLITION GENERAL NOTES

1. UTILITIES: THE EXISTENCE AND APPROXIMATE LOCATIONS OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS AND BEST RECOLLECTION OF FACILITY STAFF. THE CIVIL ENGINEER ASSUMES NO LIABILITY AS TO THE EXACT LOCATION OF SAID LINES NOR FOR UTILITY OR IRRIGATION LINES WHOSE LOCATIONS ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY AND IRRIGATION COMPANIES PRIOR TO WORK OR POT HOLE TO DETERMINE THE EXACT LOCATIONS OF ALL LINES AFFECTING THIS WORK, WHETHER OR NOT SHOWN HEREON. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO OR PROTECTION OF ALL EXISTING UTILITY LINES.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION OF THE SITE AND SHALL REMOVE AND DISPOSE OF ALL STRUCTURES ABOVE AND OR BELOW GROUND UNLESS OTHERWISE NOTED. ANY HAZARDOUS MATERIALS ENCOUNTERED SHALL BE HANDLED AND REMOVED AS REQUIRED BY LOCAL AND/OR STATE LAWS AT NO COST TO THE OWNER.
3. THE CONTRACTOR SHALL EXERCISE DUE CARE TO AVOID DAMAGE TO EXISTING HARDSCAPE IMPROVEMENTS, UTILITY FACILITIES, AND LANDSCAPING FEATURES THAT ARE NOT AFFECTED BY THESE PLANS.
4. ALL JOIN LINES SHALL BE SAW CUT ON A NEAT, STRAIGHT LINE PARALLEL WITH THE JOIN. THE CUT EDGE SHALL BE PROTECTED FROM CRUSHING, AND ALL BROKEN EDGES SHALL BE RE-cut PRIOR TO JOINING.
5. ALL EXISTING OBJECTIONABLE MATERIALS THAT CONFLICT WITH PROPOSED IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, BUILDING FOUNDATIONS, UTILITIES AND APPURTENANCES, TREES, SIGNS, AND STRUCTURES, ETC. SHALL BE REMOVED AND DISPOSED BY THE CONTRACTOR AT NO COST TO THE OWNER, UNLESS OTHERWISE INDICATED HEREIN, OR AS DIRECTED BY THE CONSTRUCTION MANAGER.
6. THE CONTRACTOR SHALL PROTECT ALL EXISTING STREETS FROM DAMAGES CAUSED BY HIS OPERATIONS. ANY CURBS DAMAGED DURING HIS OPERATIONS SHALL BE SAWCUT AND REPLACED AT NO COST TO THE OWNER. ANY EXISTING PAVING IDENTIFIED AS POTENTIALLY NEEDING TO BE REPLACED SHALL BE BROUGHT TO THE ATTENTION OF THE OWNERS REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF WORK.
7. THE CONTRACTOR SHALL PERFORM AND BE RESPONSIBLE FOR ALL CLEARING AND GRUBBING OPERATIONS AS NECESSARY TO COMPLETE THE WORK, INCLUDING TRANSPORTATION AND DISPOSAL OF ALL REMOVED MATERIALS, AND ALL ASSOCIATED COSTS.



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ENGINEER OF RECORD:

FISCALINI RANCH PRESERVE PARK: PHASE 2

PROJECT LOCATION:
 RODEO GROUNDS ROAD
 CAMBRIA, CA 93428
 APN: 013-131-038

PLANS PREPARED FOR:
 CAMBRIA COMMUNITY SERVICES DISTRICT
 1316 TAMISEN DRIVE
 CAMBRIA, CA 93428

REVISIONS:

▲	PLAN CHECK CORRECTIONS 1/24/2024
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REVIEWED BY: MRS
 PREPARED BY: MRS
 DATE: January 24, 2024
 SCALE: AS SHOWN
 CDS JOB #: 13-109.6

EXISTING CONDITIONS

C200

SHEET 3 OF 8 SHEETS

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EXISTING ACCESSIBILITY NOTES


PHASE 1 OF THIS PROJECT INVOLVED CONSTRUCTION OF ALL ACCESSIBLE PARKING REQUIREMENTS INCLUDING AN ACCESSIBLE VAN STALL, ADDITIONAL ACCESSIBLE PARKING STALLS, REQUIRED SIGNAGE, AND DETECTABLE WARNING SURFACES.

- 11 EXISTING ACCESSIBLE STALL WITH STRIPING AND SIGNAGE
- 12 EXISTING ACCESSIBLE STALL WITH STRIPING AND VAN ACCESSIBLE SIGNAGE
- 13 EXISTING PARKING ENTRANCE NOTIFICATION SIGN
- 14 EXISTING DETECTABLE WARNING SURFACE (TRUNCATED DOMES)

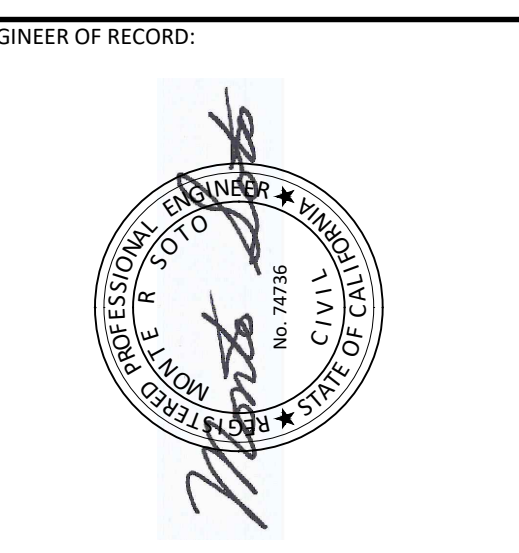
CONSTRUCTION NOTES

- 21 CONSTRUCT 5" P.C.C. (520-C-2500) OVER 6" CLASS 2 BASE WITH THICKENED EDGE AT PERIMETER PER SOILS REPORT. REBAR REINFORCEMENT SHALL BE #4 @ 18" O.C. NATIVE SUBGRADE SCARIFIED TO A MINIMUM OF 12" AND COMPACTED TO 95% RELATIVE COMPACTION PER SOILS REPORT. SEE DETAIL "B1", SHEET C800 FOR THICKENED EDGE DETAIL AND TYPICAL CROSS SECTION
- 22 PRE-MANUFACTURED BUILDING SUPPLIED BY THE PUBLIC RESTROOM COMPANY (OR APPROVED EQUAL). CONTRACTOR SHALL CONSTRUCT BUILDING PAD PER RECOMMENDATIONS OF SOILS ENGINEER, GRADING PLAN SHEET C400, AND BUILDING CONSTRUCTION DETAILS. SEE GRADING PLAN AND CONSTRUCTION DETAILS, SHEET C800 FOR PAD PREPARATION
- 23 BUILDING OVERHANG/CANOPY - SEE BUILDING PLANS
- 24 FURNISH AND INSTALL W R MEADOWS DECK-O-FOAM (OR APPROVED EQUAL) FOAM EXPANSION JOINT AT PERIMETER OF THE BUILDING AND AT 35' INTERVALS. VERIFY FOAM COMPLETELY COVERS ALL EXPOSED PORTIONS OF THE BUILDING FOUNDATION. FILL REMOVABLE SURFACE STRIP WITH SIKAFLEX SEALANT (OR APPROVED EQUAL)
- 25 ALL EXTERIOR LIGHTING ON THE PROPOSED BUILDING SHALL BE DIRECTED DOWNWARD TO MAINTAIN NIGHT SKY VISIBILITY AND SHALL COMPLY WITH SLO COUNTY TITLE 23.04.320. IN ADDITION, CONTRACTOR SHALL VERIFY THAT THE FINAL INSTALLATION OF ANY EXTERIOR LIGHTING RESULTS IN PRESERVATION OF NIGHT SKY VISIBILITY TO THE MAXIMUM EXTENT POSSIBLE.

LEGEND

-  21 CONCRETE SIDEWALK

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FISCALINI RANCH PRESERVE PARK: PHASE 2
 PROJECT LOCATION:
 RODEO GROUNDS ROAD
 CAMBRIA, CA 93428
 APN: 013-131-038

PLANS PREPARED FOR:
CAMBRIA COMMUNITY SERVICES DISTRICT
 1316 TAMSEN DRIVE
 CAMBRIA, CA 93428

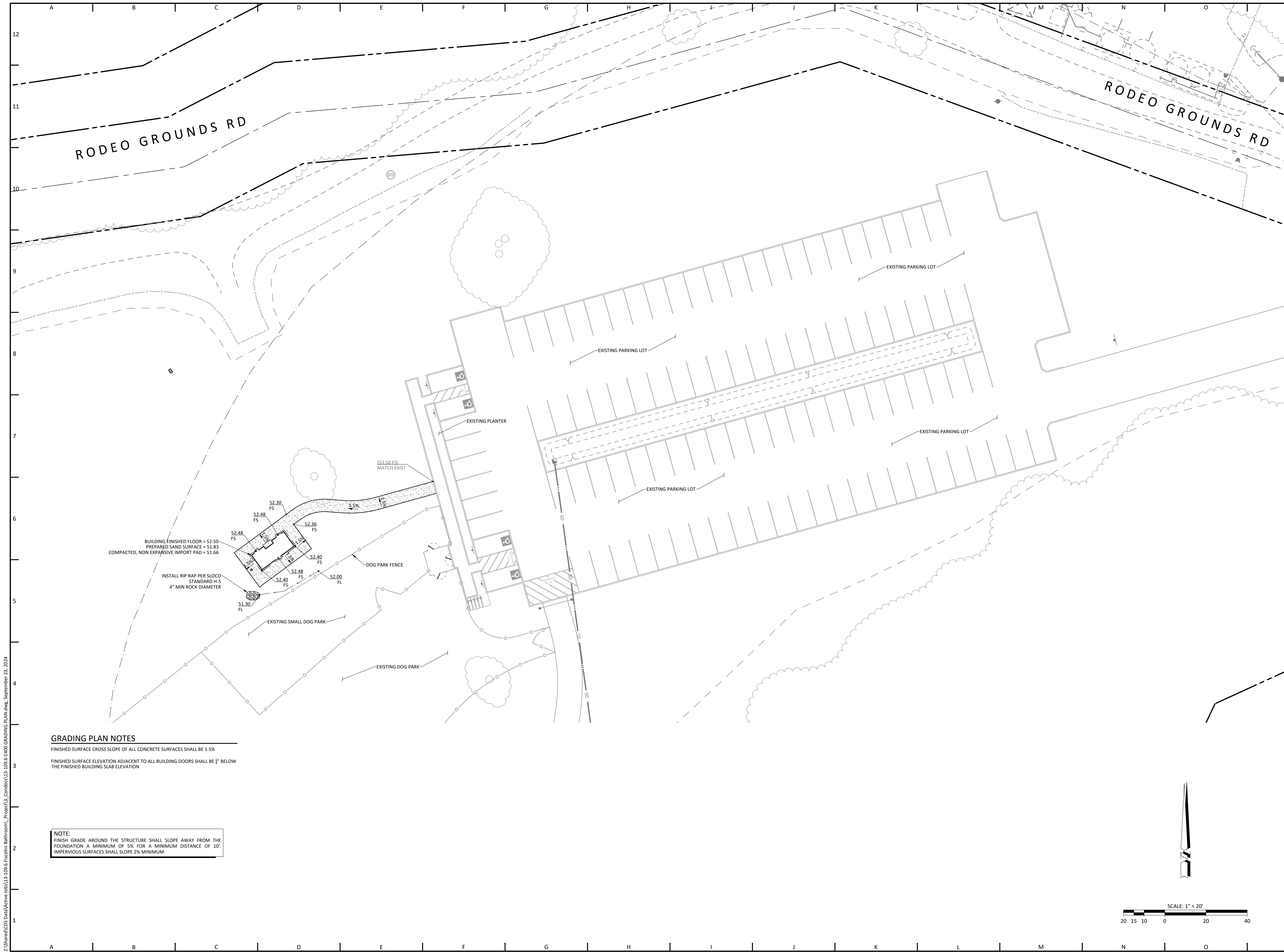
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SITE PLAN
C300
 SHEET 4 OF 8 SHEETS

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GRADING PLAN NOTES

FINISHED SURFACE CROSS SLOPE OF ALL CONCRETE SURFACES SHALL BE 1.5%
 FINISHED SURFACE ELEVATION ADJACENT TO ALL BUILDING DOORS SHALL BE 1/8" BELOW THE FINISHED BUILDING SLAB ELEVATION

NOTE: FINISH GRADE AROUND THE STRUCTURE SHALL SLOPE AWAY FROM THE FOUNDATION A MINIMUM OF 5% FOR A MINIMUM DISTANCE OF 10'. IMPERVIOUS SURFACES SHALL SLOPE 2% MINIMUM

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GRADING AND DRAINAGE PLAN

C400



UTILITY CONSTRUCTION NOTES

- (41) EXISTING STORM DRAIN LINE - PROTECT IN PLACE
- (42) EXISTING CATCH BASIN - PROTECT IN PLACE
NOTES 43 TO 50 NOT USED
- (51) EXISTING SANITARY SEWER MAIN - PROTECT IN PLACE
- (52) EXISTING SANITARY SEWER MANHOLE - PROTECT IN PLACE
- (53) FURNISH AND INSTALL 4" PVC SDR 35 SANITARY SEWER LATERAL (s = 0.020 MINIMUM) PER SLO COUNTY PUBLIC WORKS STANDARD S-3 AND CAMBRIA COMMUNITY SERVICES DISTRICT STANDARDS.
- (54) CONSTRUCT SANITARY SEWER CLEANOUT PER DETAIL "C", SHEET C800
NOTE S5 TO 60 NOT USED
- (61) EXISTING WATER MAIN - PROTECT IN PLACE
- (62) EXISTING FIRE HYDRANT - PROTECT IN PLACE
- (64) FURNISH AND INSTALL 1" SCHEDULE 80 PVC WATER LINE
- (64) FURNISH AND INSTALL WATER METER AND BACKFLOW PREVENTION DEVICE PER CAMBRIA COMMUNITY SERVICES DISTRICT STANDARDS AND SLO COUNTY PUBLIC WORKS STANDARD W-4
- (65) FURNISH AND INSTALL 1" SCHEDULE 80 PVC RECYCLED WATER LINE (PURPLE PIPE). INSTALL PIPE AS SHOWN ON PLAN. CCSD WATER DEPARTMENT STAFF WILL COMPLETE CONNECTION TO WATER SOURCE.
NOTES 66 TO 70 NOT USED
- (71) EXISTING ELECTRICAL POLE - PROTECT IN PLACE
- (72) CONSTRUCT ELECTRICAL SERVICE PANEL BOARD PER PG&E GREENBOOK SECTION 065374, FIGURE 3 (6"X6" PRESSURE TREATED WOOD POSTS WITH 2X12" NOMINAL BOARDS. INSTALL METER PANEL PER PG&E REQUIREMENTS. CONTRACTOR SHALL COORDINATE WITH PG&E FOR METER INSTALLATION.
- (73) FURNISH AND INSTALL 2" SECONDARY CONDUIT. (PG&E WILL INSTALL CONDUCTORS TO ELECTRICAL METER). MIN SWEEP RADIUS PER PG&E PLAN. CONTRACTOR SHALL CONFIRM CONDUIT DIAMETER WITH PG&E PRIOR TO INSTALLATION.
- (74) FURNISH AND INSTALL 2" PVC UNDERGROUND ELECTRICAL CONDUIT WITH CONDUCTORS AND PULL BOX. CONDUCTORS SHALL BE (3) 1 AWG THWN OR EQUAL WITH ONE #6 GROUND WIRE. CONTRACTOR SHALL HIRE A QUALIFIED ELECTRICIAN TO CONNECT ELECTRICAL SERVICE FROM PG&E METER TO BUILDING AND VERIFY CONDUCTOR SIZING.
- (75) FURNISH AND INSTALL A MINIMUM OF 2 GROUND RODS 6 FEET APART CONNECTED WITH A #4 BARE COPPER WIRE. A QUALIFIED ELECTRICIAN SHALL INSTALL THE GROUND RODS, WIRE, AND CONNECT THE WIRE TO THE ELECTRICAL PANEL.

WATER USE NOTE:
 POTABLE WATER USE IS INTENDED TO BE MINIMIZED TO THE MAXIMUM EXTENT FEASIBLE WITH THIS PROJECT. THE PRE-MANUFACTURED BATHROOM BUILDING WILL BE CONSTRUCTED WITH TWO WATER CONNECTIONS (ONE FOR POTABLE WATER AND ONE FOR RECYCLED WATER). WATER SAVING MEASURES INCLUDE:
 • CLOSURE OF BATHROOM FACILITIES DURING PERIODS OF DROUGHT
 • USE OF RECYCLED WATER FOR FLUSHING TO MINIMIZE POTABLE WATER
 • NO IRRIGATION OR LANDSCAPING IS PROPOSED WITH THIS PROJECT
 • USE OF HAND SANITIZERS WITH SIGNAGE ENCOURAGING THEIR USE AS AN ALTERNATIVE TO HAND WASHING WILL BE PROVIDED.

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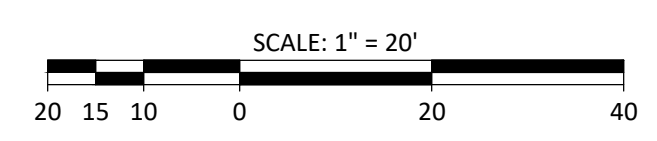
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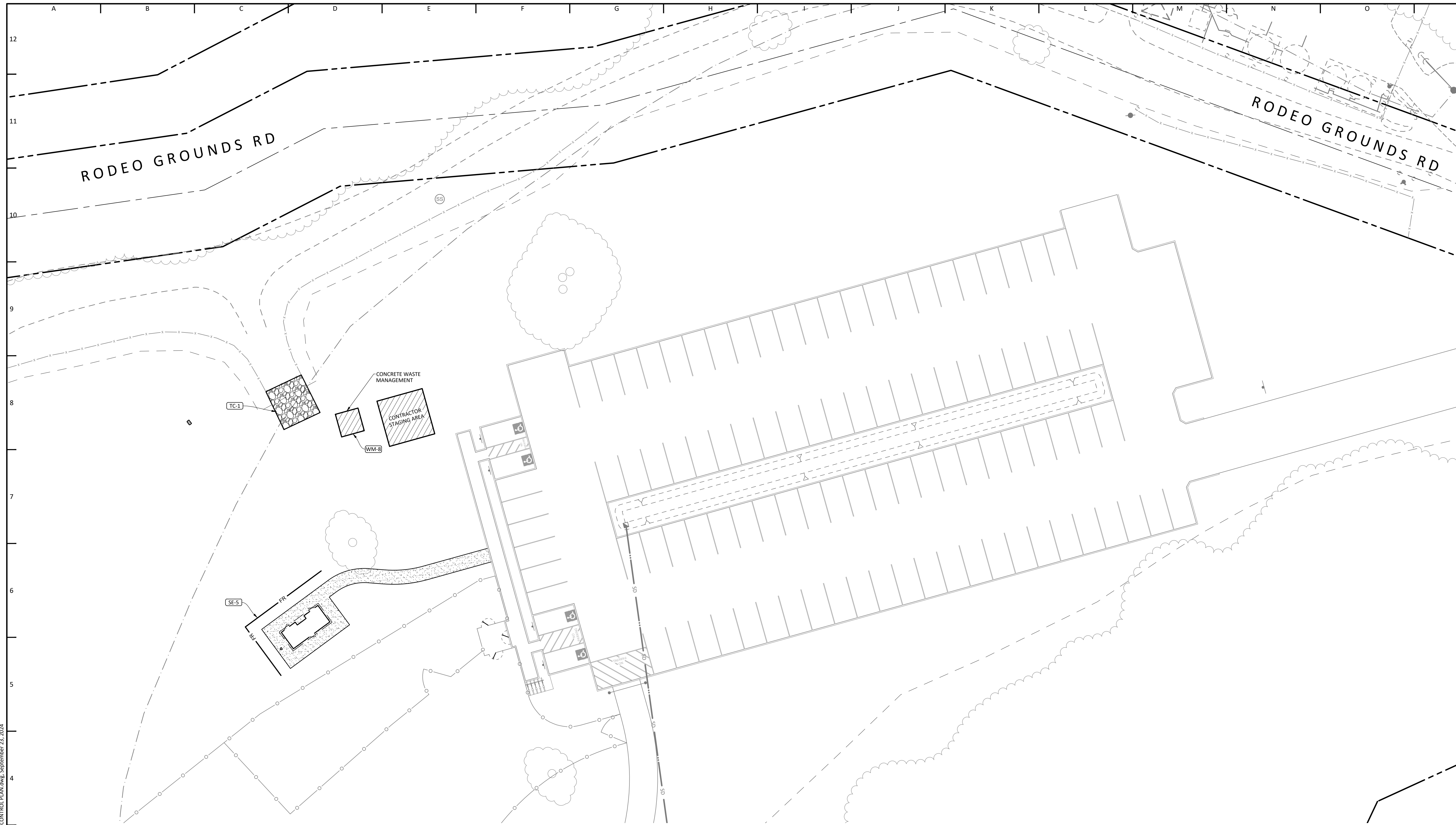
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UTILITY PLAN
C500
 SHEET 6 OF 8 SHEETS



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EROSION CONTROL NOTES

- EROSION CONTROL MEASURES FOR WIND, WATER, MATERIAL STOCKPILES, AND TRACKING SHALL BE IMPLEMENTED ON ALL PROJECTS AT ALL TIMES AND SHALL INCLUDE SOURCE CONTROL, INCLUDING PROTECTION OF STOCKPILES, PROTECTION OF SLOPES, PROTECTION OF ALL DISTURBED AREAS, PROTECTION OF ACCESS, AND PERIMETER CONTAINMENT MEASURES. EROSION CONTROL SHALL BE PLACED PRIOR TO THE COMMENCEMENT OF GRADING AND SITE DISTURBANCE ACTIVITIES UNLESS THE PUBLIC WORKS DEPARTMENT DETERMINES TEMPORARY MEASURES TO BE UNNECESSARY BASED UPON LOCATION, SITE CHARACTERISTICS OR TIME OF YEAR. THE INTENT OF EROSION CONTROL MEASURES SHALL BE TO KEEP ALL GENERATED SEDIMENTS FROM ENTERING A SWALE, DRAINAGE WAY, WATERCOURSE, ATMOSPHERE, OR MIGRATE ONTO ADJACENT PROPERTIES OR ONTO THE PUBLIC RIGHT-OF-WAY.
- SITE INSPECTIONS AND APPROPRIATE MAINTENANCE OF ALL EROSION CONTROL MEASURES/DEVICES SHALL BE CONDUCTED AND DOCUMENTED AT ALL TIMES DURING CONSTRUCTION IN ACCORDANCE WITH CALIFORNIA GENERAL PERMIT.
- THE OWNER SHALL BE RESPONSIBLE FOR THE PLACEMENT AND MAINTENANCE OF ALL EROSION CONTROL MEASURES/DEVICES AS SPECIFIED BY THE APPROVED PLAN UNTIL SUCH TIME THAT THE PROJECT IS ACCEPTED AS COMPLETE BY THE PUBLIC WORKS DEPARTMENT OR UNTIL A NOTICE OF TERMINATION HAS BEEN ACCEPTED BY RWQCB. EROSION CONTROL MEASURES/DEVICES MAY BE RELOCATED, DELETED OR ADDITIONAL MEASURES/DEVICES MAY BE REQUIRED DEPENDING ON THE ACTUAL CONDITIONS ENCOUNTERED DURING CONSTRUCTION AT THE DISCRETION OF THE PROJECT QSP. ADDITIONAL EROSION CONTROL MEASURES/DEVICES SHALL BE PLACED AT THE DISCRETION OF THE QSD, QSP, AGENCY INSPECTOR, OR RWQCB.
- PER THE CALIFORNIA GENERAL PERMIT, THERE IS NO IDENTIFIED RAINY SEASON. EROSION CONTROL MEASURES ARE REQUIRED AT ALL TIMES. REFER TO PROJECT SWPPP FOR BMP DETAILS.
- IN THE EVENT OF A FAILURE, THE OWNER AND/OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR CLEANUP AND ALL ASSOCIATED COSTS OR DAMAGE. IN THE EVENT THAT DAMAGE OCCURS WITHIN THE RIGHT-OF-WAY AND THE AGENCY IS REQUIRED TO PERFORM CLEANUP, THE OWNER SHALL BE RESPONSIBLE FOR AGENCY REIMBURSEMENT OF ALL ASSOCIATED COSTS OR DAMAGE.
- IN THE EVENT OF FAILURE AND/OR LACK OF PERFORMANCE BY THE OWNER AND/OR CONTRACTOR TO CORRECT EROSION CONTROL RELATED PROBLEMS THE PUBLIC WORKS DEPARTMENT MAY REVOKE ALL ACTIVE PERMITS.
- PERMANENT EROSION CONTROL SHALL BE PLACED AND ESTABLISHED WITH 75% COVERAGE ON ALL DISTURBED SURFACES, PRIOR TO FINAL INSPECTION. PERMANENT EROSION CONTROL SHALL BE FULLY ESTABLISHED PRIOR TO FINAL ACCEPTANCE. TEMPORARY EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL PERMANENT MEASURES ARE ESTABLISHED.
- THE AGENCY MAY HAVE ADDITIONAL PROJECT SPECIFIC EROSION CONTROL REQUIREMENTS. THE CONTRACTOR, DEVELOPER, AND ENGINEER OF WORK SHALL BE RESPONSIBLE FOR MAINTAINING SELF-REGULATION OF THESE REQUIREMENTS.
- ALL PROJECTS INVOLVING SITE DISTURBANCE OF ONE ACRE OR GREATER SHALL COMPLY WITH THE REQUIREMENTS OF THE CALIFORNIA GENERAL PERMIT. THE OWNER SHALL SUBMIT A NOTICE OF INTENT (NOI).
- NAME OF PERSON TO CONTACT 24 HOURS A DAY IN THE EVENT THERE IS AN EROSION CONTROL/SEDIMENTATION PROBLEM:
NAME: _____
PHONE: _____

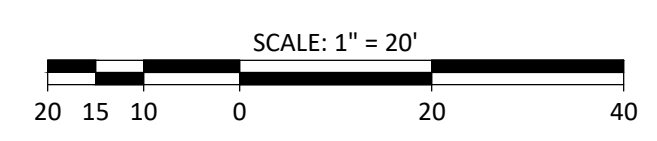
BMP SELECTION AND LEGEND

- BMP'S SPECIFIED ON THIS PLAN REFERENCE THE NOVEMBER 2009 EDITION OF THE CASQA "CALIFORNIA STORMWATER HANDBOOK". IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN BMP DETAILS AVAILABLE AT WWW.CASQA.ORG.
- THE FOLLOWING BMP'S ARE NOT SHOWN IN SPECIFIC LOCATIONS ON THIS PLAN AND ARE APPLICABLE TO THE PROJECT. THE CONTRACTOR SHALL INCORPORATE THESE BMP'S INTO THE PROJECT SCOPE:
- EC-1 PROJECT SCHEDULING
 - EC-2 PRESERVATION OF EXISTING VEGETATION
 - NS-1 WATER CONSERVATION
 - NS-3 PAVING AND GRINDING
 - NS-6 DISCHARGE REPORTING
 - NS-7 POTABLE WATER / IRRIGATION
 - NS-8 VEHICLE CLEANING
 - NS-9 VEHICLE FUELING
 - NS-10 VEHICLE MAINTENANCE
 - NS-12 CONCRETE CURING
 - NS-13 CONCRETE FINISHING
 - SE-7 STREET SWEEPING
 - WE-1 WIND EROSION CONTROL

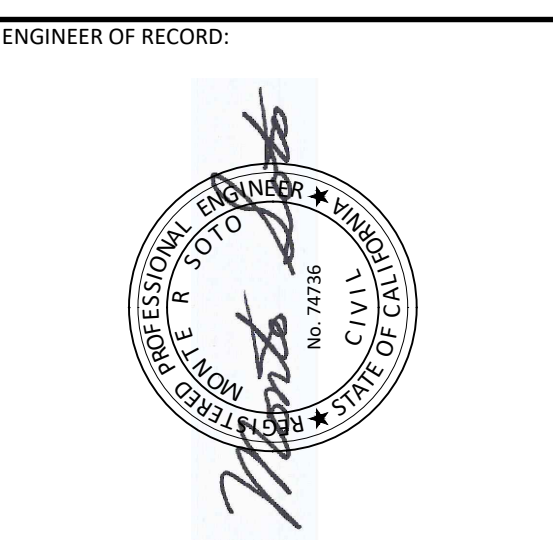
- THE FOLLOWING BMP'S ARE SPECIFIED ON THIS PLAN:
- SE-5 FIBER ROLLS
 - WM-8 CONCRETE WASTE (WASH OUT)
 - TC-1 TEMPORARY CONSTRUCTION ENTRANCE/EXIT

- THE FOLLOWING BMP'S SHALL BE USED IN THE CONTRACTOR STAGING AREA:
- WM-1 MATERIAL STORAGE
 - WM-2 MATERIAL USAGE
 - WM-3 STOCKPILE MANAGEMENT
 - WM-4 SPILL PREVENTION KIT
 - WM-5 SOLID WASTE (TRASH)
 - WM-6 HAZARDOUS WASTE MANAGEMENT
 - WM-9 SEPTIC / SANITARY FACILITIES

NOTE:
THE CONTRACTOR SHALL REMOVE ALL ROCK INSTALLED FROM THE TEMPORARY CONSTRUCTION ENTRANCE AND REGRADE THE SITE TO MATCH PRE-CONSTRUCTION CONDITIONS.



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FISCALINI RANCH PRESERVE PARK: PHASE 2

PROJECT LOCATION:
RODEO GROUNDS ROAD
CAMBRIA, CA 93428
APN: 013-131-038

PLANS PREPARED FOR:
CAMBRIA COMMUNITY SERVICES DISTRICT
1316 TAMISEN DRIVE
CAMBRIA, CA 93428

REVISIONS:

△	PLAN CHECK CORRECTIONS 1/24/2024
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REVIEWED BY: MRS
PREPARED BY: MRS
DATE: January 24, 2024
SCALE: AS SHOWN
CDS JOB #: 13-109.6

EROSION CONTROL PLAN

C700

SHEET 7 OF 8 SHEETS

Z:\Shared\CDS Data\Active jobs\13-109.6\Fiscalini Bathroom\Project13-109.6\Fiscalini Bathroom\13-109.6 C700 EROSION CONTROL PLAN.dwg, September 23, 2024

W50 STANDARD ROCK WEIGHT (W)	TRENCH DEPTH (D) IN FEET, 1.5 TIMES (D50) OF STANDARD W50	RSP-CLASS METHOD B PLACEMENT	RSP-FABRIC TYPE NONWOVEN OR WOVEN
25 LBS	0.6	BACKING No 2	A or B
75 LBS	0.95	BACKING No 1	A or B
200 LBS	1.32	LIGHT	B
14 TON	1.79	1/2 TON	B
1/2 TON	2.26	1 TON	B
1 TON	2.85		

DESIGN METHOD:

- DETERMINE ROCK SIZE BASED ON CULVERT OUTLET VELOCITY:
 - FIRST TRIAL ROCK SIZE BY N.L. BERRY'S EQUATION (1948), SEE USER EM-25.
 - $d = 0.0126V^2$
- WHERE DIAMETER (D) FEET, VELOCITY (V) FPS, AND SG = 2.65
- COMPARE TO CALTRANS BANK & SHORE EQUATION 1 WITH (V) SH (IF H=1.5 SIZE WILL BE SMALL) AND SG = 2.65
- ALSO COMPARE ABOVE ROCK SIZE TO HEC-14 CHART, FIGURE II-C-1, ON PAGE II-9 (1975), ORIGINALLY FROM SEARCY (1967).
- SELECT FINAL ROCK SIZE BASED ON ENGINEERING JUDGMENT AND FIELD EXPERIENCE. ADJUST (V) BASED ON SITE SPECIFIC CONSTRAINTS.
- DETERMINE STABLE ROCK WEIGHT (W), STEP 1 ABOVE.
- EXTEND FES 12" TO 24" INTO RSP TO PREVENT HEAD CUT.
- TABLE (STANDARD ROCK SIZES, D50, Z, RSP CLASS, RSP FABRIC TYPE).
- RSP FABRIC DETAILS.

CONSTRUCTION NOTES:

- EXCAVATE AND/OR FILL DISSIPATER TRENCH TO DIMENSIONS (X, Y AND Z. SHOW ON PLAN SET (SQUARED EDGES NOT REQUIRED)).
- INSTALL FLARED END SECTION APPROPRIATELY SIZED FOR CULVERT.
- PLACE RSP-FABRIC LOOSELY AND PIN IT TO ALL SIDES AND BOTTOM OF TRENCH.
- PLACE RSP-CLASS OF DISSIPATER ROCK IN TRENCH. ROCK SHALL NOT PROTRUDE ABOVE CULVERT FLOWLINE OR ADJACENT GROUND. MATCH DISSIPATER GRADE WITH DOWNSTREAM FLOWLINE AND ADJACENT GROUND.
- TRM RSP FABRIC SO THAT NONE PROTRUDES ABOVE GROUND.

FLARED END SECTION (FES)

PLAN VIEW

END VIEW

DEPT. OF PUBLIC WORKS - STANDARD DRAWINGS
HYDROLOGY
 ROCK SLOPE PROTECTION SIZING
 Issued: June 2019
 Scale: NTS
 Drawing No: H-5

DEPT. OF PUBLIC WORKS - STANDARD DRAWINGS
SANITARY SEWER SERVICE LATERAL
 Issued: June 2019
 Scale: NTS
 Drawing No: S-3

DEPT. OF PUBLIC WORKS - STANDARD DRAWINGS
WATERLINE WATER SERVICE CONNECTION
 Issued: June 2019
 Scale: NTS
 Drawing No: W-4

DEPT. OF PUBLIC WORKS - STANDARD DRAWINGS
Fiber Rolls SE-5
 Issued: June 2019
 Scale: NTS
 Drawing No: SE-5

DEPT. OF PUBLIC WORKS - STANDARD DRAWINGS
Stabilized Construction Entrance/Exit TC-1
 Issued: June 2019
 Scale: NTS
 Drawing No: TC-1

DEPT. OF PUBLIC WORKS - STANDARD DRAWINGS
Concrete Waste Management WM-8
 Issued: June 2019
 Scale: NTS
 Drawing No: WM-8

OWNER / GENERAL CONTRACTOR AND PUBLIC RESTROOM COMPANY RESPONSIBILITIES

PRC PUBLIC RESTROOM COMPANY

- PUBLIC RESTROOM COMPANY (PRC) WILL PROVIDE FULL ARCHITECTURAL PLANS AND ENGINEERING CALCULATIONS, STAMPED BY STATE GOVERNING AGENCY SUITABLE FOR GENERAL CONTRACTOR TO FILE FOR BUILDING PERMIT.
- PUBLIC RESTROOM COMPANY WILL FURNISH AND INSTALL UNDERGROUND UTILITIES (UNDER SLAB) EXTENDING 8 FEET (MAX) BEYOND THE BUILDING LINE, MIN. OF 24" - MAX OF 36" BELOW GRADE.
- PUBLIC RESTROOM COMPANY WILL PROVIDE LOCATION OF THIS BUILDING TO MEET ALL REQUIRED PROPERTY CODE SETBACKS PER LOCAL JURISDICTION.

GENERAL PAD NOTES:

- THE DIFFERENCE IN THE ELEVATION BETWEEN THE FINISH FLOOR OF RESTROOMS AND THE SIDEWALK OUTSIDE CAN NOT BE GREATER THAN 1/4" MAX.
- THE STRUCTURAL DESIGN DETAILS HEREIN ARE SPECIFIC TO THE BUILDING SIZE AND MODULE CONFIGURATION SHOWN ON THE FLOOR PLANS OF THESE DRAWINGS.
- PUBLIC RESTROOM COMPANY WILL PROVIDE LOCATION OF THIS BUILDING TO MEET ALL REQUIRED PROPERTY CODE SETBACKS PER LOCAL JURISDICTION.

GENERAL SITE CONDITION LIABILITY NOTE:

PUBLIC RESTROOM COMPANY (PRC) PROVIDES BUILDING PAD PLAN DRAWINGS FOR PLACEMENT OF OUR BUILDING ON SITE PADS FOR REFERENCE ONLY. PRC DRAWINGS DO NOT INCORPORATE SITE DESIGN FOR LOCAL CODES, SOILS CONDITIONS, FOOTING REQUIREMENTS, AND/OR ANY OTHER CONTRIBUTING SITE FACTORS UP TO AN INCLUDING HIGH WATER TABLES. IT IS THE RESPONSIBILITY OF THE OWNER OR GENERAL CONTRACTOR TO PROVIDE A PROPER SITE DESIGN TO ACCOMMODATE THE BUILDING AS WELL AS PROVIDE PROPER SITE CRITERIA SO PRC MAY MODEL SEWER, WATER, AND ELECTRICAL DESIGNS WITHIN THE BUILDING. OUR BUILDING DESIGN INCLUDES AN 8" THICK REINFORCED CONCRETE SLAB AND ASSUMES FULL SLAB BEARING ON SOILS WITH A MINIMUM OF 100 PSF BEARING CAPACITY. OUR BUILDING DESIGNS SURCHARGE THE SOIL BENEATH THE MAT SLAB AT APPROXIMATE 200 PSF. ANY BUILDING FOUNDATION IN ADDITION TO THE INTEGRAL MAT SLAB ARE SHOWN FOR REFERENCE ONLY AND SHOULD BE VERIFIED BY A LICENSED SOILS ENGINEER IN ACCORDANCE WITH REQUIRED CODES. PRC ASSUMES NO LIABILITY FOR THE OWNER OR GENERAL CONTRACTOR ACCEPTANCE OF THESE TYPICAL DRAWINGS WITHOUT VERIFICATION BY A LICENSED SOILS FOUNDATION ENGINEER.

PUBLIC RESTROOM COMPANY
 Building Better Place To Go.
 874.555.0000 • Fax: 874.555.0457

BUILDING TYPE
 PROJECT: CITY, STATE

REVISION BY: REVISION DATE: REVISION #

DATE: DRAWN BY: DATE: PROJECT #: DRAWING #

MAXIMUM PERSON AN HOUR

NOT FOR CONSTRUCTION - PRELIMINARY DESIGN DRAWING ONLY - DO NOT SCALE, DIMENSIONS PRECEDE

TYPICAL SUB-GRADE/PAD SECTION DETAIL A

SEE GENERAL SITE CONDITION LIABILITY NOTE ON "PAD PREPARATION RESPONSIBILITY" PAGE

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BUILDING TYPE
 PROJECT: CITY, STATE

REVISION BY: REVISION DATE: REVISION #

DATE: PROJECT #: DRAWING #

MAXIMUM PERSON AN HOUR

NOT FOR CONSTRUCTION - PRELIMINARY DESIGN DRAWING ONLY - DO NOT SCALE, DIMENSIONS PRECEDE

DETAIL "B1": CONCRETE IN PEDESTRIAN AREA
 SCALE: 1" = 1'

DETAIL "C": CLEANOUT IN HARDSCAPE
 SCALE: NTS

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 805-700-0401
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ENGINEER OF RECORD:

FISCALINI RANCH PRESERVE PARK: PHASE 2

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 1316 TAMISEN DRIVE
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REVIEWED BY: MRS
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DETAIL SHEET
C800
 SHEET 8 OF 8 SHEETS