

VICINITY MAP NO SCALE

PROJECT INFORMATION

PROJECT ENGINEER:	DARREN TULLY, P.E. WHITCHURCH ENGINEERING, INC. 716 HARRIS ST. EUREKA CA. 95503 (707)-444-1420 dpt@whitchurchengineering.com
PROJECT LOCATION:	CALIFORNIA REDWOOD COAST– HUMBOLDT COUNTY AIRPORT 3561 BOEING AVE. McKINLEYVILLE, CA. 95519 APNs: 511–071–005, 511–351–009
COUNTY REPRESENTATIVE:	TRAVIS SMITH, CAO PROJECT MANAGER tsmith@co.humboldt.ca.us (707) 476-2388

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PROJECT DESCRIPTION

IN CONJUNCTION WITH REDWOOD COAST ENERGY AUTHORITY EVCS PROJECT AT THIS SITE, THIS ACCESSIBLE BARRIER REMOVAL PROJECT PROVIDES THE ACCESSIBILITY INFORMATION FOR THE NEW EV CHARGING AREA, AS WELL AS THE REVISED ACCESSIBLE PARKING STALLS.

THE WORK IN THIS PLAN SET INCLUDES:

- 1. REVISED ACCESSIBLE PATHS
- 2. NEW ACCESSIBLE RAMP WITH HANDRAILS
- 3. NEW TRUNCATED DOMES AND CURB CUT RAMP 4. REVISED ACCESSIBLE AND EVCS PARKING SLAB
- 5. NEW ACCESSIBLE SIGNAGE

GENERAL NOTES

- CALTRANS STANDARD PLANS & SPECIFICATIONS, LATEST EDITION.
- INSURANCE.
- ONE YEAR.
- REPRESENTATIVE OF ANY DISCREPANCIES.
- THROUGHOUT SIMILAR CONDITIONS.
- UNLESS OTHERWISE SHOWN.
- IMPLIED AS TO THEIR ACCURACY
- SPECIFIED BY ENGINEER.

- ACCEPTABLE STANDARDS.
- LOCATION SHOWN HEREON.
- PROGRAMS IN CONNECTION WITH THE WORK.
- WORKS.
- STRINGENT SPECIFICATION AND NOTIFY THE ENGINEER.
- LEGALLY DISPOSE OF ABOVE.
- CONSTRUCTING ANY WORK.
- PRIVATE PROPERTY OWNER INVOLVED.

ACV BVS & ADA MODIFICATION PROJECT APN's: 511-071-005, 511-351-009

1. ALL CONSTRUCTION, MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE 2019 EDITION OF THE CALIFORNIA BUILDING CODE, 2019 EDITIONS OF THE CALIFORNIA ELECTRICAL, FIRE CODES, CMC, CPC, CENC, CGBSC AND ALL APPENDICES THERETO,

2. THE CONTRACTOR SHALL PROVIDE WORKMANS COMPENSATION INSURANCE & LIABILITY

3. THE CONTRACTOR SHALL GUARANTEE ALL LABOR AND MATERIAL FOR A MINIMUM OF

4. THE GENERAL CONTRACTOR SHALL VERIFY ALL THE SITE CONDITIONS AND DIMENSIONS BEFORE STARTING WORK. THE CONTRACTOR SHALL NOTIFY THE OWNER'S

5. FEATURES OF CONSTRUCTION SHOWN ARE TYPICAL AND SHALL APPLY GENERALLY

6. DETAILS SHOWN ON TYPICAL DETAIL SHEETS SHALL BE USED WHENEVER APPLICABLE,

7. ALL CONDITIONS SHOWN OR NOTED AS EXISTING ARE BASED ON BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE DRAWINGS, NO WARRANTY IS

8. ALL BUILDING MATERIAL SHALL BE NEW MATERIAL, UNLESS OTHERWISE APPROVED OR

9. CONTRACTORS SHALL VERIFY EASEMENTS (PUBLIC OR PRIVATE) FOR SEWER, WATER, ELECTRICAL, TELEPHONE, CABLE T.V., AND GAS PRIOR TO STARTING CONSTRUCTION.

10. VERIFY ALL UTILITY DATA AND LOCATIONS PRIOR TO ANY WORK. ONSITE UTILITIES SHALL BE COORDINATED WITH THE APPROPRIATE AGENCY OR UTILITY COMPANY.

11. THE DESIGN CONSULTANTS ASSUMES NO RESPONSIBILITY FOR THE PERFORMANCE OF PRODUCTS OR MATERIALS NOT SPECIFIED IN THESE DRAWINGS.

12. ACCEPT NO INK OR PENCIL CORRECTIONS TO THESE DRAWINGS WITHOUT THE OWNER'S REPRESENTATIVE INITIAL OR SIGNATURE. THE DESIGN CONSULTANTS SHALL BE HELD HARMLESS FOR ALL CHANGES NOT IN CONFORMANCE WITH THIS PROVISION.

13. ALL USERS OF THESE DRAWINGS AGREE BY USING THESE DRAWINGS TO HOLD THE DESIGN CONSULTANTS HARMLESS FOR ANY AND ALL WORK THAT DOES NOT CONFORM TO THE REQUIREMENTS AND MINIMUM STANDARDS OF THE C.B.C., ORDINANCES, AND

14. THESE DRAWINGS ARE THE PROPERTY OF HUMBOLDT COUNTY AND THE DESIGN CONSULTANTS AND ARE NOT TO BE USED IN PART FOR ANY WORK OTHER THAN THE

15. THE DESIGN CONSULTANTS AND THE OWNER SHALL HAVE NO CONTROL OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES. SEQUENCES OR PROCEDURES FOR ANY SAFETY PRECAUTIONS AND

16. THE CONTRACTOR SHALL COMPLY WITH ALL OF THE APPLICABLE REQUIREMENTS OF THE FEDERAL WILLIAMS – STEIGER OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) OF 1970' AND ANY AMENDMENTS THERETO. CONTRACTOR 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 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, THE ENGINEER OR COUNTY OF HUMBOLDT DEPARTMENT OF PUBLIC

17. WHERE DIMENSIONS ARE SHOWN ON THE PLANS, THEY SHALL GOVERN OVER SCALE, DO NOT SCALE DRAWINGS. IN THE EVENT OF CONTRADICTION, USE THE MOST

18. THE CONTRACTOR SHALL COMPARE ALL PAGES OF THE PLANS; ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER PRIOR TO PROCEEDING WITH WORK.

19. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR AND SUBCONTRACTORS SHALL REMOVE SURPLUS MATERIALS AND DEBRIS FROM THE SITE. CONTRACTOR SHALL REMOVE ALL DELETERIOUS MATERIAL FROM SITE INCLUDING BUT NOT LIMITED TO; BROKEN CONCRETE, STUMPS, ROCKS, DEBRIS, ASPHALT RUBBLE, GARBAGE, ETC. AND

20. LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE FROM RECORD INFORMATION ONLY AND ARE SHOWN FOR INFORMATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION AND CONSTRUCTION IN ANY AREA. CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AT 811 A MINIMUM OF 48 HOURS IN ADVANCE OF ANY EXCAVATION. CONTRACTORS SHALL IMMEDIATELY REPORT ANY DISCREPANCIES IN RECORD INFORMATION TO ENGINEER AND DEVELOPER PRIOR TO

21. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE SAFETY REQUIREMENTS.

22. CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS ON OR ADJACENT TO PROJECT SITE. CONTRACTOR SHALL REPAIR OR REPLACE ALL DAMAGE TO EXISTING IMPROVEMENTS TO THE SATISFACTION OF COUNTY OF HUMBOLDT PUBLIC WORKS OR

SITE PREPARATION

1. ALL TOPSOIL, VEGETATION, ORGANICS, AND DEBRIS SHOULD BE REMOVED FROM THE PROPOSED PAD AREA. THE GENERAL DEPTH OF STRIPPING SHOULD BE SUFFICIENTLY DEEP TO REMOVE THE ROOT SYSTEMS AND ORGANIC TOPSOILS. FOR ESTIMATE PURPOSES, A MINIMUM STRIPPING DEPTH OF 6-12 INCHES SHOULD BE USED. THE ACTUAL DEPTH OF STRIPPING SHOULD BE REVIEWED BY THE SOILS CONSULTANT AT THE TIME OF CONSTRUCTION. DEEPER STRIPPING MAY BE REQUIRED IN LOCALIZED AREAS. STRIPPING SHOULD EXTEND LATERALLY A MINIMUM OF 10 FEET OUTSIDE THE PAD PERIMETER. THESE MATERIALS WILL NOT BE SUITABLE FOR USE AS ONSITE REUSE FILL; HOWEVER, STRIPPED TOPSOIL MAY BE STOCKPILED AND REUSED IN LANDSCAPE AREAS AT THE DISCRETION OF THE OWNER.

2. THE CONTRACTOR SHOULD LOCATE ALL FOUNDATIONS, FLOOR SLABS, DEBRIS PITS, FILL SOILS, PAVEMENTS, AND SUBSURFACE STRUCTURES. THESE SOILS OR STRUCTURES SHOULD BE ENTIRELY REMOVED. THE RESULTING EXCAVATIONS SHOULD BE CLEANED OF ALL LOOSE OR ORGANIC MATERIAL. THE EXPOSED NATIVE SOILS SHOULD BE SCARIFIED TO A DEPTH OF 8 INCHES, THEN COMPACTED AND THE EXCAVATION BACKFILLED WITH ONSITE REUSE FILL.

3. ALL UTILITY LINES SHOULD BE LOCATED. THOSE UTILITY LINES NOT ANTICIPATED TO BE USED AFTER CONSTRUCTION SHOULD BE EXCAVATED AND REMOVED. UTILITY LINES SHOULD NOT BE CRUSHED AND LEFT IN PLACE. THE RESULTING EXCAVATIONS SHOULD BE CLEANED OF ALL LOOSE OR ORGANIC MATERIAL, THE EXPOSED NATIVE SOILS SHOULD BE SCARIFIED TO A DEPTH OF 6 INCHES, THEN COMPACTED AND THE EXCAVATION BACKFILLED WITH ONSITE REUSE FILL.

4. EXCAVATIONS BELOW GROUNDWATER CAN BE BACKFILLED USING EITHER A SAND-CEMENT SLURRY, OR GRAVEL ENCASED IN A GEOTEXTILE FILTER FABRIC OR ONSITE REUSE FILL MATERIAL. ONCE THE EXCAVATION IS BACKFILLED ABOVE THE GROUNDWATER TABLE, SILTY SAND SOILS SHOULD BE USED AS BACKFILL.

5. THE PAD FILL AREA SHOULD BE PREPARED BY BENCHING AND COMPACTING THE SUBGRADE. THE COMPACTION SHOULD EXTEND AT LEAST 5 FEET BEYOND THE PAD LIMITS.

6. THE EXPOSED GROUND SURFACE IN AREAS TO RECEIVE ONSITE REUSE FILL MATERIAL SHOULD BE SCARIFIED TO A DEPTH OF 8 INCHES, MOISTURE CONDITIONED TO WITHIN TWO PERCENT OF OPTIMUM MOISTURE CONTENT AND COMPACTED AS ONSITE REUSE FILL. THE ZONE OF SCARIFICATION AND COMPACTION SHOULD EXTEND LATERALLY A MINIMUM OF 10 FEET OUTSIDE THE PERIMETERS OF THE PAD. THE SCARIFICATION AND COMPACTION SHOULD BE CONDUCTED FOLLOWING STRIPPING OPERATIONS, REMOVAL OF SUBSURFACE STRUCTURES, OVER-EXCAVATION, AND REMOVAL OF ALL SOFT OR PLIANT AREAS.

7. ALL FILL REQUIRED TO BRING THE SITE TO FINAL GRADE SHOULD BE PLACED AS ONSITE REUSE FILL. IN ADDITION, ALL NATIVE SOILS OVER-EXCAVATED SHOULD BE COMPACTED AS ONSITE REUSE FILL.

8. IT SHOULD BE NOTED THAT WATER COULD SEEP INTO EXCAVATIONS. DEWATERING MAY BE REQUIRED. GROUNDWATER WILL ALSO IMPACT THE EXCAVATION, PLACEMENT, AND BACKFILL OF UTILITY LINES. CONTRACTORS SHOULD ANTICIPATE REMOVING WATER SEEPAGE. GRANULAR MATERIALS ENCASED IN A GEOTEXTILE STABILIZATION FABRIC, OR CEMENT-SAND SLURRY BACKFILL MATERIALS SHOULD BE ANTICIPATED WHEN BACKFILLING UTILITY LINES.

9. FILL MATERIAL TO BE APPROVED BY SOILS CONSULTANT. FOLLOW SOILS CONSULTANT RECOMMENDATIONS FOR PREPARATION AND PLACEMENT.

DUST CONTROL DURING CONSTRUCTION. DURING CONSTRUCTION ACTIVITIES

THE FOLLOWING DUST CONTROL MEASURES SHALL BE TAKEN:

WATER ALL ACTIVE CONSTRUCTION AREAS TWICE PER DAY AND USE EROSION CONTROL MEASURES TO PREVENT WATER RUNOFF CONTAINING SILT AND DEBRIS FROM ENTERING THE STORM DRAINAGE SYSTEM.

2. COVER TRUCKS HAULING SOIL, SAND AND OTHER LOOSE MATERIAL.

3. PAVE, WATER OR APPLY NON-TOXIC SOIL STABILIZERS ON UNPAVED ACCESS ROADS AND PARKING AREAS.

- 4. SWEEP PAVED ACCESS ROADS AND PARKING AREAS DAILY.
- 5. SWEEP STREETS DAILY IF VISIBLE MATERIAL IS CARRIED ONTO ADJACENT PUBLIC STREETS.
- 6. INSTALL EROSION CONTROL MEASURES TO PREVENT SILT RUNOFF TO PUBLIC ROADWAYS.

REPLANT VEGETATION IN DISTURBED AREAS WITHIN 30 DAYS OF COMPLETION OF PROJECT. THE CONSTRUCTION SITE SHALL BE MAINTAINED IN A CLEAN AND ORDERLY FASHION AND BE KEPT FREE OF DEBRIS. SOLID WASTE GENERATE DURING CONSTRUCTION SHALL BE DISPOSED OF IN AN APPROPRIATE MANNER. SUCH WASTE SHALL INCLUDE, BUT NOT BE LIMITED TO: CONCRETE FORMS. WASTE CONCRETE AND ASPHALT, EMPTY CONTAINERS OF BUILDING MATERIALS AND EXCESS BUILDING MATERIALS.

DAYS AND HOURS OF CONSTRUCTION AND NOISE CONTROL. HOURS OF CONSTRUCTION AND NOISE CONTROL. THE FOLLOWING SHALL APPLY TO CONSTRUCTION NOISE FROM TOOLS AND EQUIPMENT:

1. THE OPERATION OF TOOLS OR EQUIPMENT USED IN CONSTRUCTION, DRILLING, REPAIR, ALTERATION OR DEMOLITION SHALL BE LIMITED TO BETWEEN THE HOURS OF 8 A.M. AND 7 P.M. MONDAY THROUGH FRIDAY, AND BETWEEN 9 A.M. AND 7 P.M. ON SATURDAYS.

2. NO HEAVY EQUIPMENT RELATED CONSTRUCTION ACTIVITIES SHALL BE ALLOWED ON SUNDAYS OR HOLIDAYS. 3. CONTRACTOR SHALL SELECT STAGING AREAS AS FAR AS FEASIBLY POSSIBLE FROM SENSITIVE

RECEPTORS. 4. CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION EQUIPMENT WITH MANUFACTURER'S SPECIFIED NOISE-MUFFLING DEVICES.

5. UNNECESSARY IDLING OF INTERNAL COMBUSTION ENGINES SHALL BE PROHIBITED, THIS WOULD MEAN TURNING OFF EQUIPMENT IF IT WILL NOT BE USED FOR 5 OR MORE MINUTES.

6. ALL STATIONARY NOISE-GENERATING CONSTRUCTION EQUIPMENT SUCH AS AIR COMPRESSORS AS FAR AS POSSIBLE FROM HOMES AND BUSINESSES.

7. CONTRACTOR SHALL SELECT QUIET CONSTRUCTION EQUIPMENT, PRIMARY AIR COMPRESSORS, WHENEVER POSSIBLE.

8. TRUCK DRIVER SHALL ADHERE TO POSTED SPEED ON LOCAL ROADS. ALTERNATE TRUCK ROUTES SHALL BE CONSIDERED IF COMPLAINTS OCCUR.

EARTHWORK

- 1. EXCAVATION EXCAVATION SHALL INCLUDE ALL EXCAVATION REQUIRED FOR SITE AND/OR BUILDING WORK UNLESS OTHERWISE SPECIFIED. CUT SLOPES SHALL NOT EXCEED 2 (TWO) HORIZONTAL TO 1 (ONE) VERTICAL, UNLESS APPROVED BY GEOTECHNICAL ENGINEER/ENGINEERING GEOLOGIST.
- 2. FILL FILL MATERIAL FOR THE PAD SHALL BE ONSITE REUSE FILL APPROVED BY THE GEOTECHNICAL ENGINEER/ENGINEERING GEOLOGIST.
- 3. ALL TOPSOIL STRIPPED FROM THE SITE SHALL BE DEPOSITED IN A STOCKPILE STORAGE AREA FOR LATER USE AS LANDSCAPING MATERIAL.
- 5. EXCESS FILL MATERIAL SHALL BE HAULED TO AN APPROVED DISPOSAL SITE BY CONTRACTOR OR REUSED ONSITE.

- 8. SLOPES WILL BE TEMPORARILY STABILIZED WITH EROSION CONTROLS AND RE-VEGETATED UPON COMPLETION

CONCRETE NOTES

2. MATERIALS-

318-11.

4. WORKMANSHIP-

6" OR LESS IN THICKNESS.

REPAIRED PRIOR TO FINISHING.

LOADS ARE APPLIED TO SLAB.



- ALL EARTHWORK SHALL COMPLY WITH THE PROVISIONS OF CHAPTERS 18 AND 33 OF THE CBC 2019 EDITION AND THE COUNTY OF HUMBOLDT ORDINANCE.
- 4. JETTING OF FILL IS NOT RECOMMENDED FOR COMPACTION PURPOSES.
- 6. FILL SHALL BE PLACED IN 8" LIFTS; COMPACT TO FIRM AND UNYIELDING CONDITIONS. 7. THE EXISTING SLOPE WILL BE BENCHED PRIOR TO PLACEMENT OF FILL.
- 1. CONCRETE SHALL CONFORM TO THE APPLICABLE PROVISIONS OF CHAPTER 19 OF THE CALIFORNIA BUILDING CODE (CBC), 2019 EDITION. SEE SOILS REPORT/PLANS FOR ANY SPECIAL INSPECTION REQUIREMENTS PRIOR TO THE PLACEMENT OF CONCRETE.
- A. CONCRETE CONCRETE SHALL BE READY-MIXED AND SHALL CONFORM TO ASTM C94. THE MAXIMUM-CEMENT RATIO FOR STRUCTURAL CONCRETE SHALL BE PER ACI CHAPTER 4
- MAXIMUM AGGREGATE SIZE 1 1/2 INCHES SLUMP - 4 INCHES PLUS OR MINUS 1 INCH
- 28 DAY COMPRESSIVE STRENGTH 2,500 P.S.I.
- CEMENT PORTLAND CEMENT CONFORMING TO ACI 318-11 SEC 3.2
- AGGREGATES SHALL CONFORM TO THE SPECIFICATIONS. ADMIXTURES - WILL NOT BE PERMITTED UNLESS APPROVED BY THE ENGINEER.
- B. REINFORCING REINFORCING BARS SHALL BE DEFORMED BARS CONFORMING TO ASTM A615 GRADE 60 WITH BAR MARKS LEGIBLY ROLLED INTO THE SURFACE INDICATING THE SIZE, TYPE OF STEEL AND YIELD STRENGTH. ALL WELDED REINFORCING BARS SHALL MEET THE REQUIREMENTS OF ASTM A706. CONCRETE COVERAGE TO FACE OF REINFORCING BARS, UNLESS OTHERWISE NOTED ON PLANS, SHALL BE:
- -3 INCHES WHERE CONCRETE IS CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH. -1 1/2 INCHES FOR # 5 OR SMALLER BARS WHERE CONCRETE IS EXPOSED TO EARTH OR WEATHER AFTER THE REMOVAL OF FORMS.
- 3/4 INCH FOR #11 BARS AND SMALLER IN SLABS AND WALLS WHERE CONCRETE IS NOT EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND.
- 3. FORMS FORMS SHALL CONFORM TO THE SHAPE, LINES AND DIMENSIONS SHOWN ON THE PLANS AND SHALL BE SUFFICIENTLY TIGHT TO PREVENT LEAKAGE OF MORTAR ABOVE FINISHED GRADE. FORMS SHALL BE SECURELY BRACED AND HELD IN PLACE. CONCRETE FOOTINGS BELOW THE FINISHED GRADE MAY BE FORMED. FORMS (AND SOIL THAT CONCRETE WILL BE PLACED AGAINST) SHALL BE WETTED DOWN JUST PRIOR TO PLACING CONCRETE. ALL FORMS SHALL BE REMOVED AFTER THE CONCRETE HAS SET.
- A. REINFORCING REINFORCING BARS SHALL BE ACCURATELY PLACED AND SECURED AND SHALL BE SUPPORTED BY CHAIRS, SPACERS OR HANGERS. ALL BAR SPLICES SHALL BE LAPPED A MINIMUM OF 40 BAR DIAMETERS UNLESS OTHERWISE SHOWN. STAGGER SPLICES WHEN POSSIBLE. REINFORCING SHALL BE FREE OF ALL LOOSE RUST OR SCALE.
- B. PLACING THE CONCRETE SHALL BE PLACED IN A MANNER SO AS TO PREVENT SEPARATION OF THE AGGREGATE AND SHALL BE WELL CONSOLIDATED TO PREVENT THE FORMING OF VOIDS. ALL CONCRETE SHALL BE MECHANICALLY VIBRATED, EXCEPT FOR SLABS ON GRADE THAT ARE
- C. SLUMP SLUMP TESTS ARE TO CONFORM TO ASTM C143.
- D. FINISHING THE TOP OF THE FLOOR SLAB SHALL BE GIVEN A LIGHT BROOM FINISH. FORMED SURFACES SHALL BE GIVEN A SACK FINISH. ALL VOIDS AND HOLES SHALL BE
- E. CURING IT IS RECOMMENDED THAT THE CONCRETE SLAB BE WET CURED CONTINUOUSLY AND UNINTERRUPTED FOR A MINIMUM OF 7 DAYS SUBSEQUENT TO INITIAL SETUP BEFORE BEING LOADED WITH BUILDING LOADS (FORKLIFT, METAL MAT'L., ETC ...). CONTRACTOR IS RESPONSIBLE TO ENSURE THAT SLAB IS SUFFICIENTLY CURED BEFORE SERVICE

REVISIONS BY	
WHITCHURCH ENGINEERING, INC. 610 9th Street Fortuna, California 95540 Phone (707) 725-6926	
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This drawing or drawing set shall not be used for construction unless a jurisdictional stamp (County, City, State, Federal) has been issued on the drawing, stating "FOR PERMIT" or similar verbiage, a wet signed professional engineer's stamp, and permit documents have been issued for the project.

THESE PLANS ARE ORIGINALLY PRINTED ON 22"x34" PAPER.

--1 INCH ----

LEGEND

- ▲ -SURVEY CONTROL POINT

000.00 -EXISTING GRADE

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-CONCRETE

-DEMO AC AREAS

-LANDSCAPE/GRASS

ABBREVIATIONS

AC -ASPHALT CONCRETE

BLDG. -BUILDING

- CC/CONC -CONCRETE
 - CP CONTROL POINT
 - CW -CROSSWALK
 - FF -FINISHED FLOOR FL -FLOWLINE
 - TC TOP OF CURB

TOPOGRAPHIC SURVEY NOTES

- 1. THIS IS NOT A BOUNDARY SURVEY. NO LIABILITY IS ASSUMED BY WHITCHURCH ENGINEERING, INC. FOR THE EXISTENCE OF ANY EASEMENTS, ENCUMBRANCES AND DISCREPANCIES IN BOUNDARY OR TITLE DEFECTS.
- 2. PHYSICAL ITEMS SHOWN ON THIS TOPOGRAPHIC SURVEY ARE LIMITED TO THOSE ITEMS VISIBLE BY SURFACE INSPECTION AS OF THE DATE OF THIS SURVEY. SUBSURFACE STRUCTURES, IF ANY, ARE NOT SHOWN.

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- 3. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS TOPOGRAPHIC SURVEY WERE OBTAINED FROM SURFACE FEATURES AND SOURCES OF VARYING RELIABILITY. ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. WHITCHURCH ENGINEERING, INC. ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF THE DELINEATION OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED.
- 4. BENCHMARK: ASSUMED ELEVATION AND POSITION AT CP-1 ELEVATION=5000.00' (HUB IN GROUND).
- 5. FIELD SURVEY COMPLETED ON (DATE): 6-10-21

CONTROL POINT DATA						
POINT #	NORTHING	EASTING	ELEVATION(FT)	DESCRIPTION		
1	10000.000	10000.000	5000.00	HUB IN GROUND		
2	10199.4600	10000.000	5009.24	MAG NAIL IN CONC.		
3	9929.574	9867.121	4998.72	MAG NAIL IN AC		

ESTIMATES OF WASTE

ASPHALTIC CONCRETE WASTE±1,500 CU FT CONCRETE: ±132 CU FT SOIL: ±500 CU FT DATUM FOR ELEVATIONS IS ASSUMED TOPOGRAPHIC SPOT ELEVATIONS SHOWN

WASTE NOTES

- 1. CONCRETE/ASPHALTIC CONCRETE WASTE, SOILS WASTE, PLANT WASTE TO BE DISPOSED OF AT AN APPROPRIATE FACILITY. CONTRACTOR TO MAINTAIN RECORDS OF DISPOSAL.
- 2. FOLLOW EROSION CONTROL BEST MANAGEMENT PRACTICES FOR DUST CONTROL DURING DEMOLITION WORK.



REVISIONS



- CHANGES IN LEVEL UP TO 1/4" MAY BE VERTICAL. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1 UNIT
- FINISH.

- RAMPS. SEE CBC11B-405.
- OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/2" IN
- THE AREAS SHALL BE DEFINED BY A CONTINUOUS DETECTABLE WARNING WHICH IS 36 INCHES WIDE,





