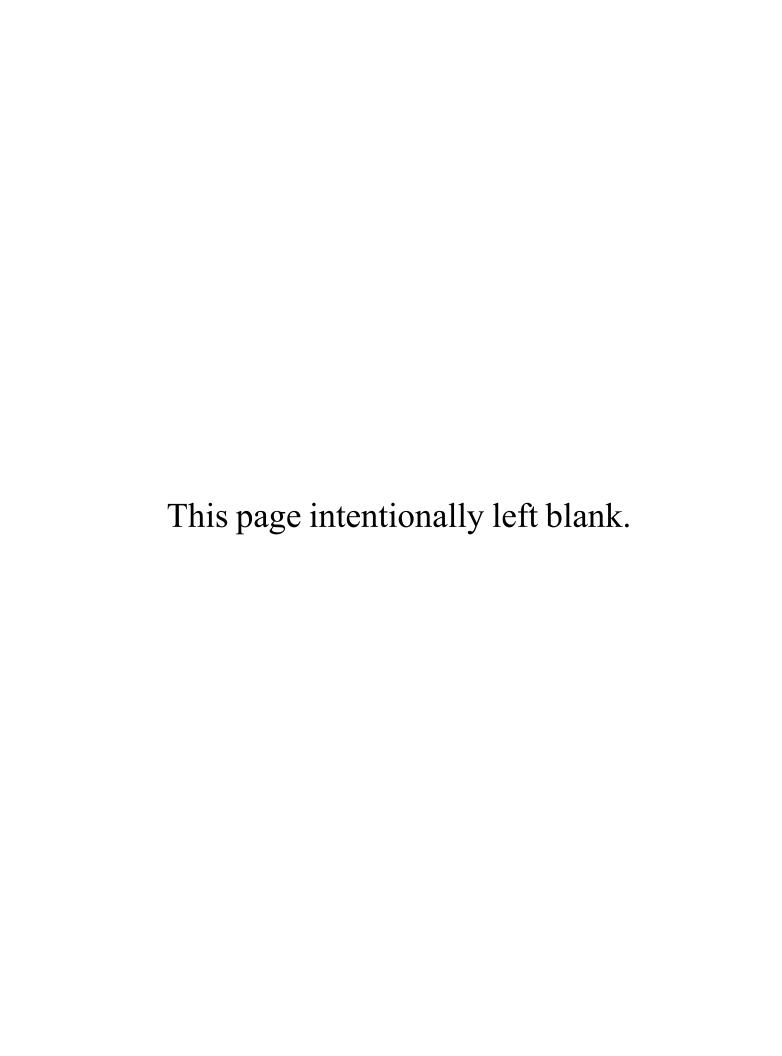
# Exhibit E



# PRELIMARY CONTRUCTION MANAGEMENT PLAN CORRAL DE TIERRA FUELING STATION

July 18,2025

- 1. Scope: This Preliminary Construction Management Plan addresses the known or projected information related to the management of the construction of the proposed replacement fueling station. A contractor has not yet been secured because the project has not been approved. Once the project has been approved and full construction drawings are available, a final construction plan will be submitted to the County for review and approval. Please note that Condition No. 43 of the Neighborhood Shopping Center approval (Resolution No. 12-04) requires a Construction Management Plan prior to the issuance of permits for improvements on that site. That approval and the environmental document prepared for that approval address those impacts. Therefore, the scope of this management plan is limited to improvements on the corner parcel.
- 2. Construction Duration: The project construction is expected to take 12-18 months, depending upon many variables including but not limited to: weather conditions, availability of materials and labor, unforeseen issues during the construction process issues and the completion of the Phase 1 of the Neighborhood Retail Village. Below is a general timeline for the gas station construction process:

Stage	Description	Estimated Duration	
Site Preparation	Clearing and grading the site, installing drainage systems, and preparing the foundation	4-6 weeks	
Underground Utilities	Installation of water, sewer, gas, and electrical systems	4-6 weeks	
Concrete and Masonry	Building the fueling area, canopy, and other concrete structures	4-6 weeks	
Building Construction	Construction of the convenience store, car wash, or other buildings on the site	12-16 weeks	
Equipment Installation	Installation of fuel dispensers, point-of-sale systems, lighting, and other equipment	2-4 weeks	
Inspections and Permits	Completion of required inspections and obtaining necessary permits	1-2 weeks	
Final Items	Pavement, landscaping, signage, and other finishing touches	2-4 weeks	
Total Projected Timeline		29-44 weeks	

- **3. Hours of operation:** In accordance with County Code and/or standard conditions of approval, noise producing construction activities shall be restricted to the daytime hours of 7:00 a.m. to 7:00 p.m. Monday through Friday, 8 a.m. to 4 p.m. on Saturday, and not permitted at all on Sundays or holidays. There will be no hauling between peak hours of 7:00 am to 9:00 am and 3:00 pm to 5:00 pm.
- **4. Number of construction workers:** Barring unforeseen circumstances, it is expected there will be no more than 12 persons involved in the construction activities.
- **5. Parking areas for both equipment and workers:** All vehicles will park on site within the construction fencing. *See attached plan.*
- 6. Location of truck staging area: For security purposes, a 6-foot-high chain link fence with screening will be erected on the portion of the property surrounding the demolition area. There will be two (2) 24-foot gates installed along Corral de Tierra Road for access. Construction trucks entering and exiting the property shall use the second entrance which shall be improved as required by the Erosion Control Plan for the project. Workers will park on site within the designed parking area. Materials shall be staged in the fenced in area adjacent to Corral de Tierra Road. <u>Please see attached plan.</u>
- 7. Truck routes: All construction vehicles will enter and exit the property from Corral de Tierra Road. <u>See attached truck route plan</u>. From Corral de Tierra Road, vehicles hauling materials from the property will use HWY 68 to Reservation Road; Del Monte to HWY 1; then to the Marina landfill and recycling facility.
- **8. Estimated truck trips:** It is expected that the construction activities will require no more than 100 truck trips per day.
- **9. Erosion Control:** Measures identified by the project engineers, as applicable to the control of erosion for this project, will be incorporated as notes on the grading and building plans and included as part of the Erosion Control Plan for the project.
- **10. Grading**: The project will include: 2,170 cubic yards of cut and 1,005 cubic yards of fill. The balance of 1,165 cubic yards cut will be used as fill on the adjacent property.
- **11. Particulate Matter:** The following measures will be incorporated into the construction operations to reduce particulate matter:
  - Water all active construction sites at least twice daily. Frequency should be based on the type of operation, soil, and wind exposure.
  - Prohibit all grading activities during periods of high wind (over 15 mph).
  - Limit ground disturbance activities to maximum of 2.2 acres per day.
  - Apply chemical soil stabilizers on inactive construction areas (disturbed lands within construction projects that are unused for at least four consecutive days).

- Apply non-toxic binders (e.g., latex acrylic copolymer) to exposed areas after cut and fill
  operations and hydro seed area.
- Haul trucks shall maintain at least 2'0" of freeboard.
- Cover all trucks hauling dirt, sand, or loose materials.
- Plant vegetative ground cover in disturbed areas as soon as possible.
- Cover inactive storage piles.
- Install wheel washers at the entrance to construction sites for all existing trucks.
- Sweep streets if visible soil material is carried out from the construction site.
- Post a publicly visible sign with the telephone number and person to contact regarding dust complaints. This person shall respond and take corrective action with 48 hours. The phone number of the Monterey Bay Unified Air Pollution Control District shall also be visible to ensure compliance with Rule 402.
- Require that the Project Applicant limit construction impacts to any applicable thresholds established by the Monterey Bay Unified Air Pollution Control District.
- **Diesel Emissions:** The following measures will be implemented to reduce diesel emissions during construction operations: (1) All diesel equipment shall comply with applicable State (Air Resources Board) regulations; and (2) All equipment shall comply with Title 13, California Code of Regulations, Section 2485(c)(l) regarding idling of commercial vehicles, as outlined below:

California Code of Regulations Title 13. § 2485. Airborne Toxic Control Measure to Limit Diesel Fueled Commercial Motor Vehicle Idling

- (a) Purpose. The purpose of this airborne toxic control measure is to reduce public exposure to diesel particulate matter and other air contaminants by limiting the idling of diesel-fueled commercial motor vehicles.
- (b) Applicability. This section applies to diesel-fueled commercial motor vehicles that operate in the State of California with gross vehicular weight ratings of greater than 10,000 pounds that are or must be licensed for operation on highways. This specifically includes: (1) California-based vehicles; and (2) non-California-based vehicles.
- (c) Requirements. On or after February 1, 2005, the driver of any vehicle subject to this section: (1) shall not idle the vehicle's primary diesel engine for greater than 5.0 minutes at any location, except as noted in Subsection (d); and (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 5.0 minutes at any location when within 100 feet of a restricted area, except as noted in Subsection (d).
- 15. **Defensible Space:** The Fire Department's regulations require combustible vegetation within a minimum of 30 feet of structures (or to the property line) to be managed by: 1) limbing trees 6 feet up from ground; 2) removing limbs within 10 feet of chimneys; and 3) other fire protection or firebreaks approved by the Salinas Rural Fire Protection District.
- 16. **Tree and Root Protection:** This condition requires trees located close to the construction site(s) to be protected from inadvertent damage from construction equipment by fencing off the canopy driplines and/or critical root zones (whichever is greater) with protective materials, wrapping

trunks with protective materials, avoiding fill of any type against the base of the trunks and avoiding an increase in soil depth at the feeding zone or drip-line of the retained trees.

To comply with this condition, a 6-foot-high temporary chain link fencing will be erected around the proposed construction area. The fence will be located such that sufficient area will be provided for larger vehicles to maneuver, within the fencing, without affecting the protected oak trees on the adjacent property. The proposed chain link fence will be erected 50 feet from the property line. As such, the fence will be approximately 50 feet from the dripline of the nearest oak tree.

17. **Condition No. 73 – Nesting Birds:** In compliance with this condition, construction activities will occur outside of the nesting season (September 15 through January 31).

To comply with this condition, all areas within and at least 30-feet around the perimeter of the construction fencing will be mowed. Furthermore, oak trees on the property will be maintained so that the above requirement is met as well as those prescribed by the Monterey County Zoning Ordinance, Section 21.64.260.D.1.

Attachments:

Whitson – Construction Management Plan (reduced set)

#### **GENERAL**

- CONSTRUCTION CONTRACTOR AGREES THAT. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY: THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL(S) HARMLESS FROM ANY AND ALL LIABILITY, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL(S).
- 2. ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH:
- A. ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, REGULATIONS, ORDINANCES, AND RULES, INCLUDING WITHOUT LIMITATION:

CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATIVE CODE (CAL-OSHA) CALIFORNIA CODE 4216 - PROTECTION OF UNDERGROUND INFRASTRUCTURE

- B. THE 2022 CALIFORNIA BUILDING STANDARDS CODE (CCR TITLE 24), WITH AMENDMENTS ADOPTED BY
- MONTEREY COUNTY. C. CALIFORNIA EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
- D. THE PROJECT PLANS AND SPECIFICATIONS
- E. THE 2023 EDITION OF "STANDARD SPECIFICATIONS," STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS)
- F. THE 2023 EDITION OF "STANDARD PLANS," STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION
- (CALTRANS) 3. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL CURRENTLY APPLICABLE SAFETY LAWS OF ALL APPLICABLE JURISDICTIONAL BODIES. FOR INFORMATION REGARDING THIS PROVISION, THE CONTRACTOR IS DIRECTED TO CONTACT STATE OF CALIFORNIA, DIVISION OF OCCUPATIONAL SAFETY AND HEALTH, SALINAS,
- CALIFORNIA AT PHONE (831) 443-3050. 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES, SAFETY DEVICES AND CONTROL OF TRAFFIC WITHIN THE CONSTRUCTION AREA.
- 5. INTENTION OF GRADING: CONSTRUCTION OF A NEW GAS STATION AND ASSOCIATED SITE WORK, INCLUDING ACCESS, ROAD WIDENING, DRAINAGE FACILITIES AND SERVICE UTILITIES.
- 6. PROPERTY IS NOT SUBJECT TO INUNDATION OR 100 YEAR FLOOD LEVELS.
- 7. ESTIMATED START: TBD , ESTIMATED COMPLETION: TBD.
- 8. SEE ARCHITECTURAL/LANDSCAPE PLANS AND/OR THE PROJECT ARBORIST'S REPORT FOR TREE PROTECTION AND REMOVAL REQUIREMENTS.
- 9. IF, DURING THE COURSE OF CONSTRUCTION, CULTURAL, ARCHAEOLOGICAL, HISTORICAL OR PALEONTOLOGICAL RESOURCES ARE UNCOVERED AT THE SITE (SURFACE OR SUBSURFACE RESOURCES) WORK SHALL BE HALTED IMMEDIATELY WITHIN 50 METERS (165 FEET) OF THE FIND UNTIL A QUALIFIED PROFESSIONAL ARCHEOLOGIST CAN EVALUATE IT. MONTEREY COUNTY RMA - PLANNING AND A QUALIFIED ARCHAEOLOGIST (I.E. AN ARCHAEOLOGIST REGISTERED WITH THE REGISTER OF PROFESSIONAL ARCHAEOLOGISTS) SHALL BE IMMEDIATELY CONTACTED BY THE RESPONSIBLE INDIVIDUAL PRESENT ON-SITE. WHEN CONTACTED, THE PROJECT PLANNER AND THE ARCHAEOLOGIST SHALL IMMEDIATELY VISIT THE SITE TO DETERMINE THE EXTENT OF THE RESOURCES AND TO DEVELOP PROPER MITIGATION MEASURES REQUIRED FOR THE DISCOVERY.
- 10. ALL CONSTRUCTION ACTIVITIES SHALL COMPLY WITH MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT (MBUAPCD) RULE 402 - NUISANCES.
- 11. THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FOR ALL WORK WITHIN COUNTY PUBLIC R/W FROM THE COUNTY OF MONTEREY. NO WORK IS PROPOSED WITHIN THE STATE RIGHT OF WAY.

#### SURVEY AND EXISTING CONDITIONS

- 1. TOPOGRAPHY WAS PREPARED BY GORDON B LEWIS, INC ON APRIL 8, 2000.
- PROJECT BENCHMARK: CP SET MAG GCP IN STATE ROUTE 68, AS SHOWN ON SHEET C100. ELEV: 288.88.
- ALL "MATCH" OR "JOIN" CALLOUTS ON THE PLANS SHALL BE FIELD VERIFIED FOR EXACT LOCATION AND ELEVATION PRIOR TO CONSTRUCTION. NOTIFY THE ENGINEER IN THE CASE OF ANY FIELD DISCREPANCY.
- A LETTER SHALL BE SUBMITTED FROM A LICENSED SURVEYOR CERTIFYING THAT PAD ELEVATIONS ARE WITHIN 0.1 FEET OF ELEVATIONS STATED ON APPROVED PLANS, PRIOR TO DIGGING ANY FOOTINGS OR SCHEDULING ANY INSPECTIONS.
- THE CONSTRUCTION CONTRACTOR SHALL MAINTAIN A CURRENT, COMPLETE, AND ACCURATE RECORD OF ALL DEVIATIONS FROM THE WORK PROPOSED IN THESE PLANS AND SPECIFICATIONS, AND A RECORD DRAWING SET SHALL BE PREPARED AND PROVIDED TO THE ENGINEER AT THE COMPLETION OF WORK. CHANGES SHALL NOT BE MADE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE DESIGN ENGINEER.
- 4. THE EXISTENCE, LOCATION AND ELEVATION OF ANY UNDERGROUND FACILITIES ARE SHOWN ON THESE PLANS IN A GENERAL WAY ONLY. NOT ALL UTILITIES MAY BE SHOWN. IT IS MANDATORY THAT THE CONTRACTOR EXPOSE AND VERIFY THE TOP AND BOTTOM OF ALL UTILITIES PRIOR TO ANY WORK ON SYSTEMS WHICH MAY BE AFFECTED BY THE EXISTING UTILITY'S LOCATION. IT IS THE RESPONSIBILITY AND DUTY OF THE CONTRACTOR TO MAKE THE FINAL DETERMINATION AS TO THE EXISTENCE, LOCATION AND ELEVATION OF ALL UTILITIES AND TO BRING ANY DISCREPANCY TO THE ATTENTION OF THE ARCHITECT.

# EARTHWORK SUMMARY

<u>ON-SITE</u> OFF-SITE CUT: 2,270 CY CUT: 2,170 CY CUT: 100 CY FILL: 1,005 CY FILL: 3,565 CY FILL: 4,570 CY NET CUT: 1,165 CY NET FILL: 3,465 CY NET IMPORT: 2,300 CY

ESTIMATED AREA OF DISTURBANCE

OFF-SITE\* <u>TOTAL</u> <u>ON-SITE</u>

29,500 SF 138,500 SF 168,000 SF (3.9 AC)

\*OFFSITE DRIVEWAYS AND ACCESS TO GAS STATION WERE PREVIOUSLY APPROVED AS PART OF THE VILLAGES SHOPPING CENTER PROJECT - PLN 020344 AND PLN 110077

NO GRADING IS PROPOSED ON SLOPES IN EXCESS OF 25% SLOPE.

HIS/HER OWN SITE VISIT AND QUANTITY TAKE-OFFS AND SHALL BID ACCORDINGLY.

- 1. THE QUANTITIES PRESENTED ABOVE ARE ESTIMATES ONLY, BASED ON THE DIFFERENCE BETWEEN EXISTING GRADE AND SUBGRADE ELEVATIONS AND FINISHED GRADE AND SUBGRADE ELEVATIONS, AS SHOWN ON THE PLANS, AND ARE NOT ADJUSTED FOR CHANGES IN VOLUME DUE TO CHANGES IN SOIL DENSITY
- CLEARING AND STRIPPING AND REMOVAL OF AC AND PCC PAVEMENTS ARE NOT INCLUDED IN THE ABOVE ESTIMATES. SITE SPOILS SUCH AS FROM UTILITY TRENCHING, FOUNDATIONS, ETC. ARE NOT INCLUDED IN
- ABOVE ESTIMATES. 3. THESE QUANTITIES SHALL BE USED FOR BONDING AND PERMIT PURPOSES ONLY. CONTRACTOR SHALL MAKE
- 4. EARTHWORK VALUES SHOULD BE REEVALUATED DURING THE EARLY STAGES OF SITE GRADING. CONTRACTOR SHALL BE RESPONSIBLE FOR CALCULATING FINAL EARTHWORK QUANTITIES TO HIS/HER SATISFACTION PRIOR TO START OF GRADING OPERATIONS.

# **GRADING AND DRAINAGE**

1. SITE GRADING AND EARTHWORK SHALL BE PERFORMED IN CONFORMANCE WITH THE PROJECT GEOTECHNICAL REPORT ENTITLED:

> <u>GEOTECHNICAL REPORT FOR THE PROPOSED GAS STATION CENTER AT CORRAL DE TIERRA</u> AND HIGHWAY ROUTE 68, 3 CORRAL DE TIERRA ROAD, SALINAS, CA 93908, APN:

BY GRICE ENGINEERING, INC., DATED APRIL 2023, PROJECT NO. 7663-23.01

- 2. ONSITE GRADING AND EARTHWORK, SITE PREPARATION, EXCAVATION, TRENCHING AND COMPACTION SHALL BE OBSERVED AND TESTED BY THE GEOTECHNICAL ENGINEER DESIGNATED BY THE OWNER. ALL GRADING AND EARTHWORK SHALL BE DONE TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
- SPECIAL INSPECTIONS BY A SPECIAL INSPECTOR, ARE REQUIRED DURING FILL PLACEMENT AND THAT PROPER MATERIALS AND PROCEDURES ARE USED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT.
- 4. SHOULD THE RESULTS OF ANY COMPACTION TEST FAIL TO MEET THE MINIMUM REQUIRED DENSITY AS SPECIFIED ON THESE PLANS OR IN THE GEOTECHNICAL REPORT, THE DEFICIENCY SHALL BE CORRECTED TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER AT THE CONTRACTOR'S EXPENSE. THE EXPENSE OF RETESTING SUCH AREAS SHALL ALSO BE BORNE BY THE CONTRACTOR, AT NO COST TO THE OWNER.
- 5. NOTIFY THE GEOTECHNICAL ENGINEER AT LEAST FOUR (4) WORKING DAYS PRIOR TO ANY GRADING OR FOUNDATION EXCAVATION.
- 6. ALL SOILS UTILIZED FOR FILL PURPOSES SHALL BE APPROVED BY THE SOILS ENGINEER BEFORE COMMENCEMENT OF GRADING OPERATIONS. IMPORTED SOILS SHALL BE APPROVED BY THE SOILS ENGINEER BEFORE BEING BROUGHT TO THE SITE.
- 7. EXCAVATION FOR ANY PURPOSE SHALL NOT REMOVE LATERAL SUPPORT FROM ANY FOUNDATION WITHOUT FIRST UNDERPINNING OR PROTECTING THE FOUNDATION AGAINST SETTLEMENT OR LATERAL TRANSLATION. THE EXCAVATION OUTSIDE THE FOUNDATION SHALL BE BACKFILLED WITH SOIL THAT IS FREE OF ORGANIC MATERIAL, CONSTRUCTION DEBRIS, COBBLES AND BOULDERS OR WITH A CONTROLLED LOW-STRENGTH MATERIAL (CLSM). THE BACKFILL SHALL BE PLACED IN LIFTS AND COMPACTED IN A MANNER THAT DOES NOT DAMAGE THE FOUNDATION OR THE WATERPROOFING OR DAMPPROOFING MATERIAL. EXCEPTION: CLSM NEED NOT BE COMPACTED
- IMPERVIOUS SURFACES ADJACENT TO STRUCTURES SHALL SLOPE A MINIMUM OF 2% AWAY FROM THE STRUCTURE FOR A MINIMUM DISTANCE OF 10 FEET, UNLESS OTHERWISE SHOWN. LANDSCAPE AREAS ADJACENT TO STRUCTURES SHALL SLOPE A MINIMUM OF 5% AWAY FROM THE STRUCTURE FOR A MINIMUM DISTANCE OF 10 FEET, UNLESS OTHERWISE SHOWN.
- 9. RELATIVE COMPACTION SHALL BE EXPRESSED AS A PERCENTAGE OF THE MAXIMUM DRY DENSITY OF THE MATERIAL AS DETERMINED BY ASTM TEST D-1557. IN-PLACE DENSITY TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH ASTM TESTS D-1556 AND D-6938.
- 10. GROUND SURFACE SHALL BE PREPARED TO RECEIVE FILL BY REMOVING STRUCTURES, OBSTRUCTIONS, TREES SHOWN TO BE REMOVED, VEGETATION, ORGANIC-LADEN TOPSOIL, LARGE ROOTS, DEBRIS, AND OTHER DELETERIOUS MATERIALS. BURIED SUBSURFACE OBJECTS ENCOUNTERED, OR VOIDS CREATED DURING SITE PREPARATION SHALL BE CALLED TO THE ATTENTION OF THE GEOTECHNICAL ENGINEER.
- 11. SURPLUS EXCAVATED MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF THE SITE IN A LEGAL MANNER.
- 12. SUBGRADE PREPARATION AND ENGINEERED FILL THAT SUPPORTS FOOTINGS, SLABS, PAVEMENTS, AND FLATWORK SHALL EXTEND AT LEAST 5 FEET BEYOND THE LIMITS OF PROPOSED
- 13. FOOTINGS LOCATED ADJACENT TO OTHER FOOTINGS OR RETAINING WALLS SHALL HAVE THEIR BEARING SURFACES FOUNDED BELOW A 2:1 (H:V) LINE PROJECTED UPWARD FROM THE BOTTOM EDGE OF THE ADJACENT FOOTING, WALL, OR UTILITY TRENCH
- 14. FOLLOWING CLEARING AND STRIPPING, EXPOSED SUBGRADES IN AREAS TO RECEIVE ENGINEERED FILL. STRUCTURES. PAVEMENTS. CONCRETE SLABS. OR OTHER IMPROVEMENTS SHALL BE SCARIFIED TO A DEPTH OF 6 INCHES, MOISTURE CONDITIONED, AND UNIFORMLY COMPACTED TO AT LEAST 90% RELATIVE COMPACTION.
- 15. THE GEOTECHNICAL ENGINEER SHALL INSPECT ALL SURFACES TO RECEIVE FILL PRIOR TO THE PLACEMENT OF ANY FILL.
- MOISTURE CONDITIONED, AND COMPACTED TO A MINIMUM OF 90% RELATIVE COMPACTION.
- 17. CUT/FILL SLOPES SHALL BE NO STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2H:1V) UNLESS OTHERWISE APPROVED AT THE TIME OF GRADING BY THE GEOTECHNICAL ENGINEER.

16. ENGINEERED FILL SHALL BE PLACED IN LIFTS NOT EXCEEDING 6 INCHES IN LOOSE THICKNESS,

- 18. WHERE EXISTING GRADE IS AT A SLOPE OF 6H:1V (16.7%) OR STEEPER BENCHING SHALL BE PROVIDED. A TOE KEY SHALL BE CUT A MINIMUM DEPTH OF 3 FEET INTO UNDISTURBED SOILS TO THE INSIDE OF THE FILL'S TOE. THIS KEY SHALL BE A MINIMUM OF 6 FEET WIDE AND SLOPE AT NO LESS THAN 10% INTO THE SLOPE. AS THE FILL ADVANCES UP-SLOPE, BENCHES AT LEAST 3 FEET WIDE, OR TWICE THE WIDTH OF THE COMPACTION EQUIPMENT, WHICHEVER IS WIDER, SHALL BE SCARIFIED INTO THE FILL/UNDISTURBED SOIL INTERFACE
- 19. ENGINEERED FILL IN BUILDING AREAS, STRUCTURAL BACKFILL, AND THE UPPER 6" BELOW FLATWORK AND PAVEMENT SHALL BE COMPACTED TO A MINIMUM OF 95% OF ITS MAXIMUM DRY
- 20. ALL RE-COMPACTED AND ENGINEERED FILL SOILS SHALL BE COMPACTED WITHIN 3 PERCENT OF THE LABORATORY OPTIMUM MOISTURE CONTENT FOR THE SOIL.
- 21. ON-SITE NON-ORGANIC SOIL IS GENERALLY ACCEPTABLE FOR USE AS ENGINEERED FILL. NATIVE SOIL USED AS ENGINEERED FILL SHALL MEET THE FOLLOWING REQUIREMENTS:
- SOIL SHALL BE FREE OF ORGANICS, DEBRIS, AND OTHER DELETRIOUS MATERIALS.
- ROCK OVER 6 INCHES IN ITS MAXIMUM DIMENSION MAY NOT BE USED IN AN ENGINEERED FILL. 21. IMPORTED SOIL USED AS GENERAL ENGINEERED FILL SHALL MEET THE FOLLOWING REQUIREMENTS:
- SOIL SHALL BE FREE OF ORGANIC AND DELETERIOUS MATERIALS, OR RECYCLED MATERIALS SUCH AS ASPHALTIC CONCRETE, CONCRETE, BRICK, ETC.
- SOIL SHALL NOT CONTAIN ANY ROCKS OR CLODS OVER 4 INCHES IN MAXIMUM DIMENSION,
- AND SHALL NOT CONTAIN OVER 15 PERCENT BY WEIGHT ROCKS LARGER THAN 2 INCHES SOIL SHALL BE GRANULAR, HAVING A PLASTICITY INDEX OF LESS THAN 15, AND NOT MORE THAN 20 PERCENT BY WEIGHT PASSING THE #200 SEIVE
- SOIL SHALL HAVE SUFFICIENT BINDER TO ALLOW EXCAVATIONS TO STAND WITHOUT CAVING
- THE PORTION FINER THAN THE NO. 200 SIEVE SHALL NOT CONTAIN ANY EXPANSIVE CLAYS.
- 22. IN THE EVENT THAT ANY UNUSUAL CONDITIONS ARE ENCOUNTERED DURING GRADING OPERATIONS WHICH ARE NOT COVERED BY THE SOIL INVESTIGATION OR SPECIFICATIONS, THE SOILS ENGINEER SHALL BE IMMEDIATELY NOTIFIED SUCH THAT ADDITIONAL RECOMMENDATIONS MAY BE MADE.
- 23. A LETTER SHALL BE SUBMITTED FROM A LICENSED SURVEYOR CERTIFYING THAT PAD ELEVATIONS ARE WITHIN 0.1 FEET OF ELEVATIONS STATED ON APPROVED PLANS, PRIOR TO DIGGING ANY FOOTINGS OR SCHEDULING ANY INSPECTIONS.
- 24. A "FINAL SOILS LETTER" FROM THE GEOTECHNICAL ENGINEER STATING THAT ALL EARTHWORK COMPLETED WAS IN ACCORDANCE WITH THE RECOMMENDATIONS STATED IN THE GEOTECHNICAL REPORT SHALL BE SUBMITTED PRIOR TO FINAL INSPECTION.
- 25. EXPORT SOIL SHALL BE TRANSPORTED TO A LEGAL DUMP OR TO A PERMITTED SITE APPROVED BY THE COUNTY. CONTRACTOR SHALL NOTIFY GRADING OFFICIAL OF PROPOSED HAUL ROUTE.
- 26. ON-GRADE SLABS SHOULD BE PLACED OVER A MOISTURE VAPOR BARRIER CONSISTING OF A WATERPROOF MEMBRANE (MOIST STOP, 10 MIL VISQUEEN, OR EQUAL) WITH A 2 INCH PROTECTIVE SAND COVER. THE WATERPROOF MEMBRANE SHOULD BE PLACED OVER A CAPILLARY BREAK CONSISTING OF 4 INCHES OF OPEN GRADED ROCK; ROUND AND SUB-ROUND ROCK IS RECOMMENDED TO PREVENT PUNCTURES OF THE MEMBRANE. OPEN GRADED CRUSHED AGGREGATE MAY BE UTILIZED, PROVIDED THE VAPOR BARRIER IS PROTECTED FROM PUNCTURES BY A CUSHION OF FILTER FABRIC (MIRAFI 140 N OR EQUAL) LAID OVER THE AGGREGATE PRIOR TO PLACEMENT OF THE MEMBRANE. WHERE SUCH CONCERNS ARE NOT WARRANTED, ALTERNATIVE UNDERLAYMENT MAY BE UTILIZED AT THE OWNERS DISCRETION.

HORIZONTAL

JUNCTION BOX

JOINT UTILITY POLE

LOWER FINISH FLOOR

ON CENTER EACH WAY

POINT OF CURVATURE

POINT OF CONNECTION

POLYVINYL CHLORIDE

RELATIVE COMPACTION

REINFORCED CONC PIPE

ORIGINAL GROUND

PLANTER AREA

POWER POLE

RIGHT OF WAY

STORM DRAIN

STREET LIGHT

TOP OF CURB

TOP OF GRATE

TOP OF PIPE

TOP OF WALL

UNDERGROUND

VERIFY IN FIELD

WATER METER

WATER VALVE

TRANSFORMER

UTILITY POLE

UNKNOWN

VARIES

WATER

VERTICAL

TYPICAL

STATION

SIDEWALK

SANITARY SEWER

RECYCLED WATER

RAIN WATER LEADER

PULL BOX

NOT IN CONTRACT (BY OTHERS)

POINT OF REVERSE CURVATURE

PRESSURE TREATED DOUG-FIR

SEE ARCHITECTURAL DRAWINGS

SEE LANDSCAPE DRAWINGS

SEE STRUCTURAL DRAWINGS

SANITARY SEWER CLEANOUT STORMWATER CONTROL MEASURE

TEMPORARY BENCH MARK

TOP OF STAIR / TRAFFIC SIGNAL

TOP OF FLUSH CURB

UPPER FINISH FLOOR

UNLESS OTHERWISE NOTED

WATER SURFACE ELEVATION

POINT OF VERTICAL INTERSECTION

INSERT

INVERT

LANDING

LEFT

LINEAR FEET

LOW POINT

MATCH MATCH EXISTING GRADE

MAXIMUM

MANHOLE

MINIMUM

INS

INV

MAX

MH

MIN

N.I.C.

OCEW

P.O.C.

PTDF

RCP

RT

R/W

S.S.D.

STA

TBM

TFC

TOP

TYP

UFF

UNKN

VERT.

V.I.F.

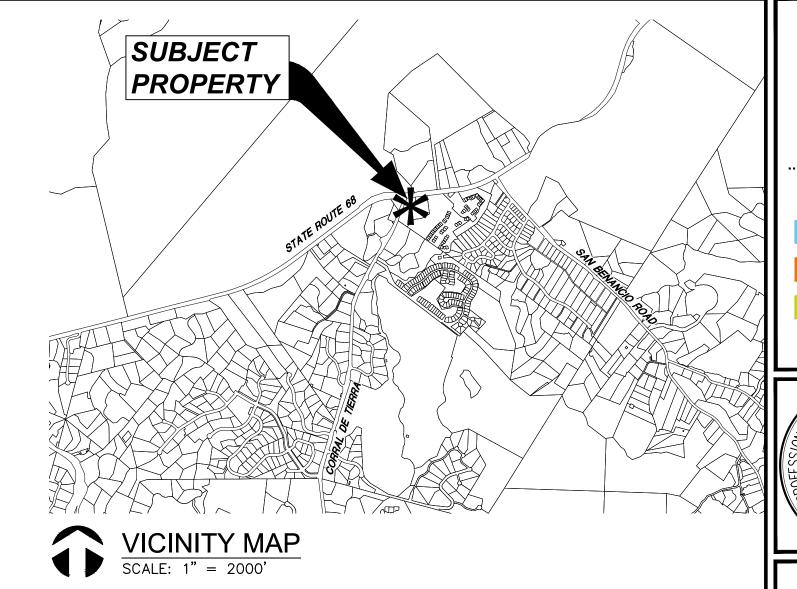
W.S.E.

WV

W

SW

ABB	REVIATIONS	LEGEND		
±	PLUS OR MINUS; PRIX	DESCRIPTION	PROPOSED	EXISTING
0	AT	PROPERTY BOUNDARY		
AB	AGGREGATE BASE			
AC AD	ASPHALT CONCRETE AREA DRAIN	CENTER LINE		
PRIX	APPROXIMATE	EASEMENT LINE		
AB	AGGREGATE SYBASE	SAWCUT LIMIT	SC	
BC	BEGIN CURVE	OVERHEAD ELEC		on
IBM	BENCHMARK			GI -
BC	BEGIN VERTICAL CURVE	GRADE BREAK		
VICE ABCS	BC ELEVATION BC STATION	FLOWLINE	$\longrightarrow \cdots$	$\longrightarrow \cdots -$
BS	BOTTOM OF STAIR	CONTOUR		
BW	BACK OF WALK	CONTOCIN		
C&G	CURB AND GUTTER	CONC SIDEWALK		
CATV	CABLE TV			
CGSW	CURB, GUTTER AND SIDEWALK CENTERLINE	CONC TRASH	A	
و CL	CLASS	ENCLOSURE PAD		
CLR	CLEAR	RETAINING WALL		
CMP	CORRUGATED METAL PIPE		1111111111	
CO	CLEANOUT	DOMESTIC WATER LINE	6" W -	w
CONC CONST	CONCRETE CONSTRUCT	SANITARY SEWER	6" SS -	——— SSFM ·
CONST	CONTINUOUS		<u> </u>	33i W
CY	CUBIC YARD	STORM DRAIN	12" SD	
DEMO	DEMOLISH AND DISPOSE OF	FIRE LINE	4" F	
D.G.	DECOMPOSED GRANITE	JOINT TRENCH	јт	
DI DIA	DRAIN INLET DIAMETER			
DIA	DOWNSPOUT	MANHOLE		
(E)	EXISTING	FIDE LIVED ANT		_
EC	END CURVE	FIRE HYDRANT		•
EG EJ	EXISTING GRADE EXPANSION JOINT	WATER VALVE	•	•
ELEC	ELECTRIC	STREET LIGHT	*	*
ELEV	ELEVATION	SLOPE	711	
EQ.	EQUAL	GRADIENT	2.0%	(2.0%)
ETW	EDGE OF TRAVELED WAY	STA BILLY		
EVA EVC	EMERGENCY VEHICLE ACCESS END VERTICAL CURVE	AREA DRAIN		
EVCE	EVC ELEVATION		· ·	
EVCS	EVC STATION	DROP INLET		
E.W.	EACH WAY			
EX	EXISTING		<b>1</b> 000	
FC FF	FACE OF CURB FINISHED FLOOR	ROCK SLOPE PROTECTION		
FG	FINISHED GRADE			
FL	FLOWLINE	CLEANOUT	$\Theta$	$\ominus$
FR	FIRE RISER			
FS	FINISHED SURFACE			
GB CBE	GRADE BREAK			
GBE GBS	GB ELEVATION GB STATION			
GM	GAS METER			
GRT	GRATE			
GV	GAS VALVE/VAULT			
HP	HIGH POINT			



# PROJECT DIRECTORY

SITE ADDRESS & APN SR-68/CORRAL DE TIERRA ROAD INTERSECTION CORRAL DE TIERRA, CA 93908

APN: 161-571-002-000 161-571-003-000 (ACCESS) 161-571-007-000 (ACCESS)

WHITSON ENGINEERS 6 HARRIS COURT MONTEREY, CA 93940

CIVIL ENGINEER

TEL. (831) 649-5225

# **ARCHITECT**

MCG ARCHITECTURE 15635 ALTON PARKWAY, SUITE 100 IRVINE, CA 92618

TEL: (949) 553-1117

# LANDSCAPE ARCHITECT

CONCEPTUAL DESIGN & PLANNING COMPANY 3195-C AIRPORT LOOP DRIVE, STUDIO ONE COSTA MESA CA, 92626

TEL: (949) 399-0870

# **GEOTECHNICAL ENGINEER**

GRICE ENGINEERING, INC. 561-A BRUNKEN AVENUE SALINAS, CA 93901

(831) 422-9619

# **UTILITY PROVIDERS**

WATER EXISTING ONSITE DOMESTIC WELL CALIFORNIA-AMERICAN WATER COMPANY (FIRE)

CALIFORNIA UTILITIES SERVICES, INC. ELECTRIC PACIFIC GAS & ELECTRIC

GAS PACIFIC GAS & ELECTRIC

COMM. AT&T

# **CIVIL SHEET INDEX**

C001 CIVIL TITLE SHEET OVERALL SITE PLAN & SHEET INDEX C100

ENLARGED SITE PLAN C101 ENLARGED SITE PLANC201 C102

C103 ENLARGED SITE PLAN

C201 TEMPORARY EROSION & SEDIMENT CONTROL PLAN

C202 TEMPORARY EROSION & SEDIMENT CONTROL PLAN NOTES AND DETAILS

C301 CONSTRUCTION MANAGEMENT PLAN

TABLE 1705.6 - REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS						
THE FOLLOWING ITEMS SHALL BE INSPECTED BY THE SOILS ENGINEER DESIGNA' SHALL BE RETAINED BY THE OWNER AND APPROVED BY THE BUILDING OFFICIAL SPECIFICATIONS AND/OR GENERAL NOTES. TESTING AGENCY SHALL SEND COPIE OFFICIAL AND ENGINEER.	TED BY TH PRIOR TO ES OF ALL	E OWNER. SPEC ANY WORK. FOR TESTING AND INS	CIAL INSPECT MATERIAL TE SPECTION RE	ION AGENCIES AND/OR INDIVIDUALS ESTING REQUIREMENTS, SEE PORTS DIRECTLY TO THE BUILDING		
TYPE	REQ'D	CONTINUOUS	PERIODIC	NOTES		
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	Х		Х			
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	Х		Х			
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	Х		Х			
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	Х	Х				
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	Χ		Х			
6. PERFORM INSPECTION OF KEYWAY LOCATION EXCAVATION AND PLACEMENT FILL.	Х					
7. COMPACTED BASE PLACEMENT AND COMPACTION	Χ	X				
8. DRAINAGE INSTALLATION INPSECTION	Х					



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OF 8

NONE

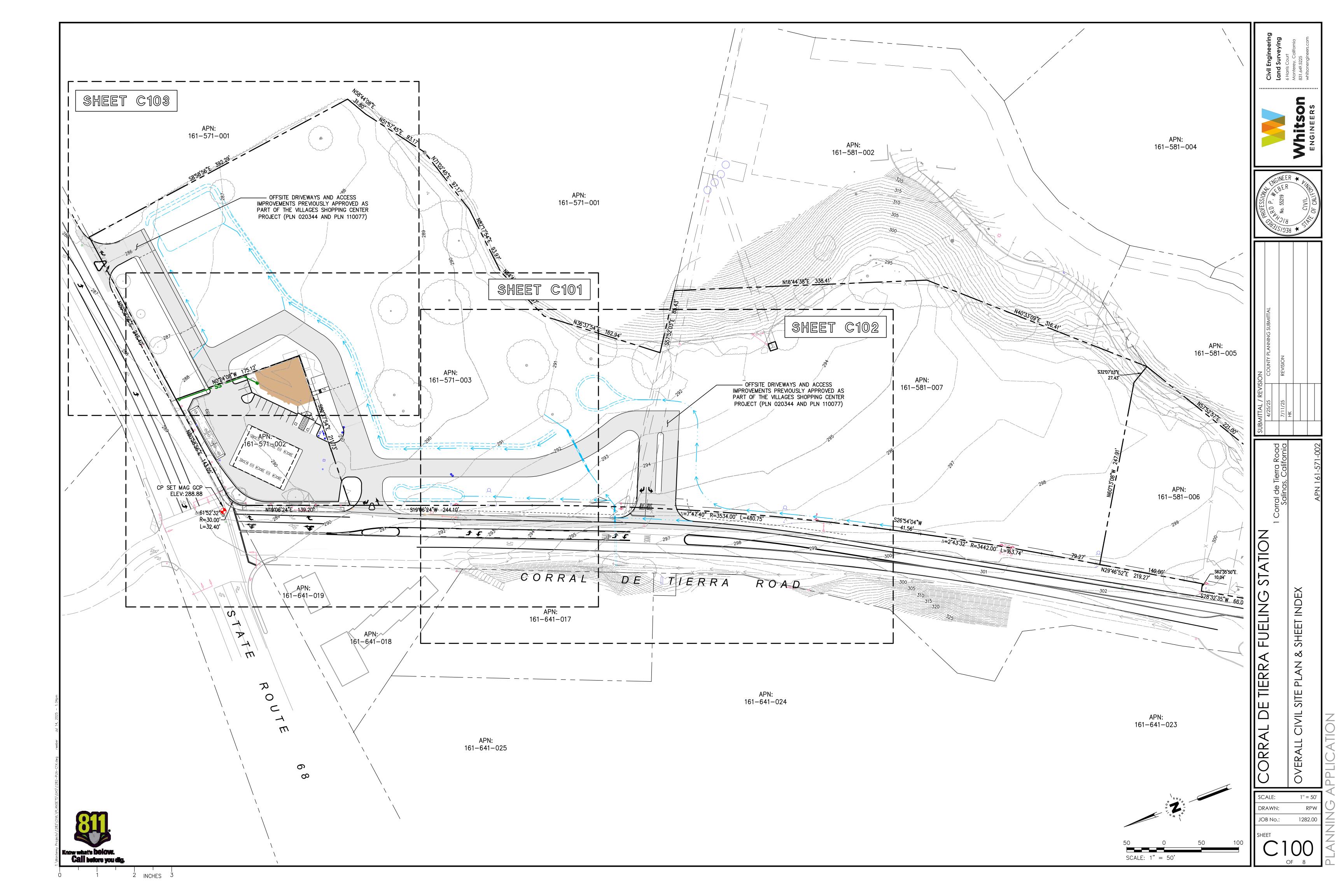
1282.00

RPW

**SCALE:** 

DRAWN:

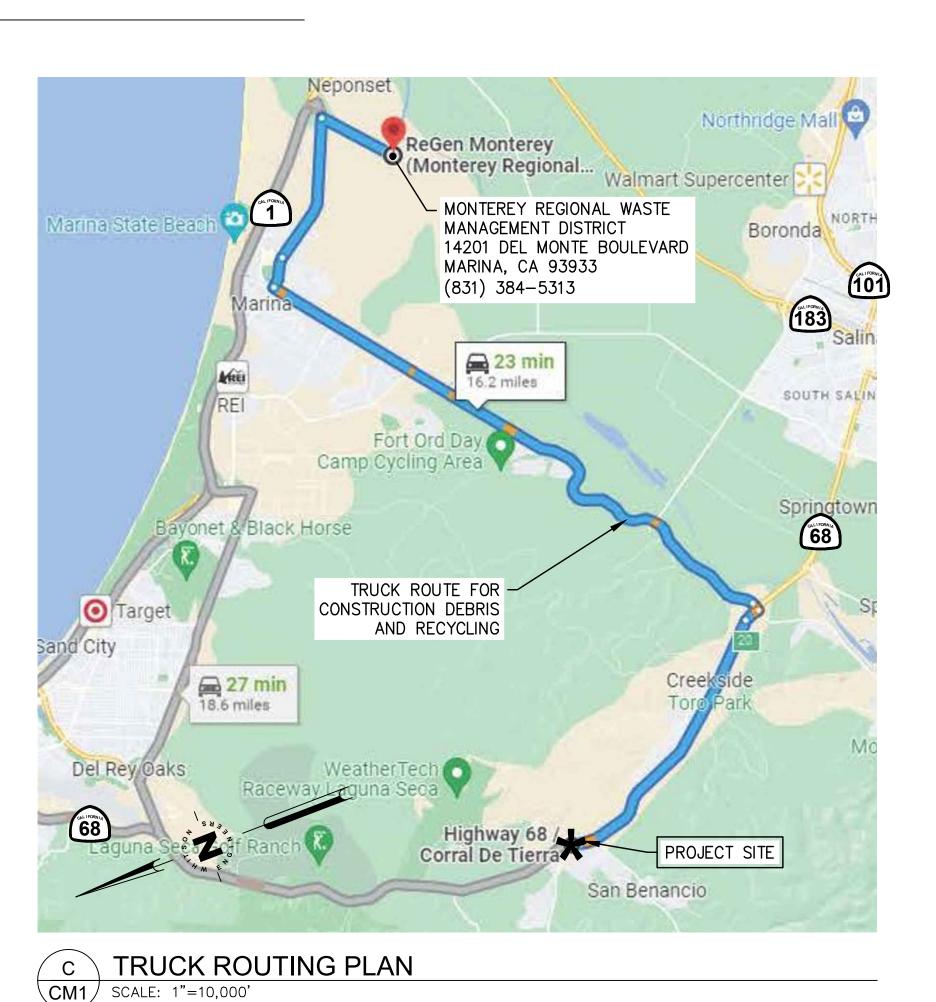
JOB No.:



OVERALL SITE PLAN CM1 | SCALE: 1"=200'



CONSTRUCTION SITE PLAN **CM1** SCALE: 1"=150"



EARTHWORK QUANTITIES

2,170 CY CUT 1,005 CY FILL 1,165 CY EXPORT

EXCESS CUT TO BE STORED AND USED AS FILL ON ADJACENT PROPERTY

### **CONTACT INFO**

**ARCHITECT** 

CONTRACTOR

MCG ARCHITECTURE 15635 ALTON PARKWAY, SUITE 100 IRVINE, CA 92618

TO BE DETERMINED

TEL: (949) 553-1117

CONSTRUCTION COORDINATOR

CONTRACTOR SHALL PROVIDE A CONSTRUCTION COORDINATOR THAT CAN BE CONTACTED DURING CONSTRUCTION. SHOULD QUESTIONS ARISE DURING CONSTRUCTION (IN CASE OF BOTH REGULAR INQUIRES AND IN EMERGENCIES). THEIR CONTACT INFORMATION (INCLUDING THEIR ADDRESS AND 24-HOUR PHONE NUMBERS) SHALL BE CONSPICUOUSLY POSTED AT THE JOB SITE IN A MANNER THAT THE CONTACT INFORMATION IN READILY VISIBLE FROM PUBLIC VIEWING AREAS. THE POSTING SHALL INDICATE THAT THE CONSTRUCTION COORDINATOR SHOULD BE CONTACTED TO ANSWER ANY QUESTIONS THAT ARISE DURING CONSTRUCTION (IN CASE OF BOTH REGULAR INQUIRIES AND IN EMERGENCIES). THE CONSTRUCTION COORDINATOR SHALL RECORD THE NAME, PHONE NUMBER AND NATURE OF ALL COMPLAINTS (IF ANY) RECEIVED DURING CONSTRUCTION. AND SHALL INVESTIGATE COMPLAINTS AND TAKE REMEDIAL ACTION, IF NECESSARY, WITHIN 24-HOURS OF RECEIPT OF THE COMPLAINT OR INQUIRY.

#### CONSTRUCTION MANAGEMENT NOTES

1. DURATION OF CONSTRUCTION IS TO BE DETERMINED. EXACT DURATION WILL BE DETERMINED AT TIME OF BUILDING PERMIT ISSUANCE

- 2. NOISE-GENERATING CONSTRUCTION ACTIVITIES ARE LIMITED TO THE HOURS BETWEEN 7 A.M. AND 7 P.M. MONDAY THROUGH FRIDAY AND 8 A.M. AND 4 P.M. ON SATURDAY; NO CONSTRUCTION OPERATIONS ALLOWED ON SUNDAYS OR NATIONAL HOLIDAYS. THERE WILL BE NO HAULING BETWEEN PEAK HOURS OF 7 A.M. TO 9 A.M. AND 3 P.M. TO 5 P.M.
- 3. TRUCKS WILL BE ROUTED TO AND FROM THE SITE USING THE TRUCK ROUTE SHOWN ON THIS SHEET (C|CM1) UNLESS A CLOSER COUNTY APPROVED SITE IS AVAILABLE TO RECEIVE EXPORT AND/OR RECYCLING.
- 4. THE NUMBER OF WORKERS WILL VARY THROUGHOUT CONSTRUCTION. BARRING UNFORESEEN CIRCUMSTANCES, WORKERS ONSITE WILL RANGE FROM 1 TO 12.
- 5. EROSION CONTROL PROTECTION TO BE INSTALLED PER THE EROSION CONTROL PLAN PREPARED WITH THE BUILDING PERMIT PLAN SET.
- 6. STATIONARY NOISE-GENERATING CONSTRUCTION EQUIPMENT AND STAGING AREAS SHALL BE LOCATED AS FAR AWAY AS POSSIBLE FROM RESIDENTIAL RECEIVERS AS
- 7. CONSTRUCTION EQUIPMENT MUST BE PROPERLY MAINTAINED. ALL INTERNAL COMBUSTION ENGINE-DRIVEN EQUIPMENT SHALL BE EQUIPPED WITH WITH INTAKE AND EXHAUST MUFFLERS THAT ARE IN GOOD CONDITION AND APPROPRIATE FOR THE **EQUIPMENT**
- 8. TREES LOCATED CLOSE TO THE CONSTRUCTION SITE TO BE PROTECTED FROM CONSTRUCTION EQUIPMENT BY FENCING OFF THE CANOPY DRIPLINES AND/OR CRITICAL ROOT ZONES, AVOIDING FILL OF ANY TYPE AGAINST THE BASE OF THE TRUNKS AND AVOIDING AN INCREASE IN SOIL DEPTH AT THE FEEDING ZONE OR DRIP-LINE OF THE RETAINED TREES. PROVIDE A 6-FOOT-HIGH TEMPORARY CHAIN LINK FENCE AROUND PROPOSED CONSTRUCTION AREA, 50' FROM THE PROPERTY LINE.
- 9. GROUND DISTURBANCE ACTIVITIES (I.E. GRADING AND EXCAVATION) SHALL BE LIMITED TO A MAXIMUM AREA OF 2.2 ACRES PER DAY.

#### GROUND DISTURBANCE CALCULATIONS

<u>ONSITE</u> GAS STATION

29,500 SF (0.7 ACRES)

OFFSITE
DRAINAGE AND TEMPORARY WORK AREAS 48,600 SF (1.1 ACRES) 89,900 SF (2.1 ACRES)\* DRIVEWAYS & ACCESS TO GAS STATION

TOTAL GROUND DISTURBANCE 168,000 SF (3.9 ACRES)

\*DRIVEWAYS & ACCESS PREVIOUSLY APPROVED AS PART OF VILLAGES SHOPPING CENTER PROJECT (PLN 020344 AND PLN 110077)

# **LEGEND**

PROPERTY LINE

SECURITY FENCE

EQUIPMENT PARKING

6' CHAIN LINK TREE PROTECTION FENCE



WORKER PARKING



TRUCK ROUTE FOR CONSTRUCTION DEBRIS AND RECYCLING



TEMPORARY STOCKPILES (LOCATIONS WILL VARY)



SANITARY FACILITIES (LOCATIONS WILL VARY)



STABILIZED CONSTRUCTION ENTRANCE/EXIT OR TIRE WASH

STATION

ELING

PLAN

MANAGEMENT

ONSTRUCTION

1282.00

SCALE:

DRAWN:

JOB No.:

2 INCHES 3

