

# CITY OF COLTON

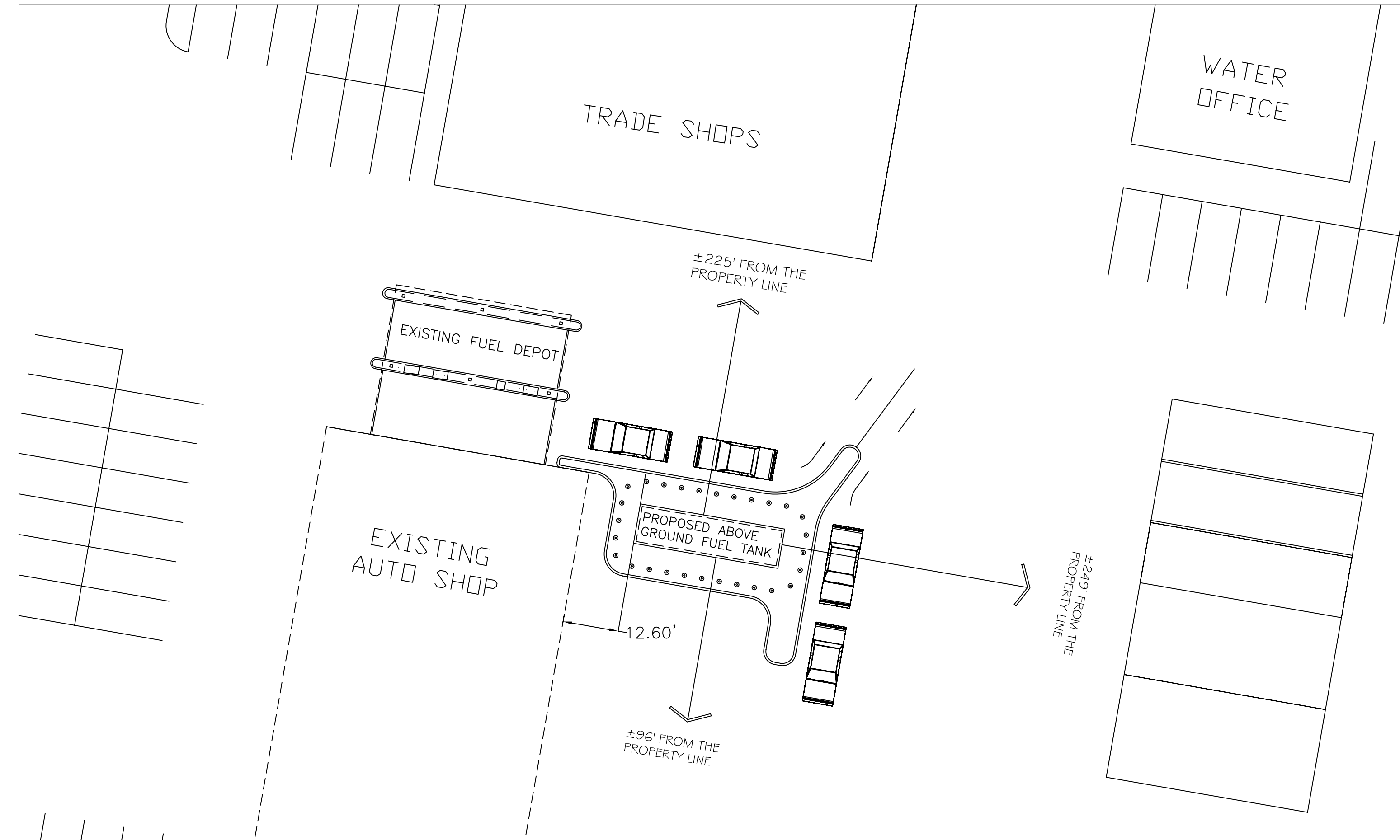
## COUNTY OF SAN BERNARDINO, CALIFORNIA

### FUEL TANK REPLACEMENT PROJECT

#### COLTON CORPORATE YARD

### GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE "STANDARD PLANS AND SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION", LATEST EDITION, INCLUDING SUPPLEMENTS, AND THE CITY OF COLTON ENGINEERING DEPARTMENT "STANDARD PLANS AND SPECIFICATIONS".
2. APPLICATION FOR INSPECTION TO THE CITY OF COLTON ENGINEERING DEPARTMENT SHALL BE MADE BY THE CONTRACTOR BEFORE THE SERVICES THEREOF WILL BE REQUIRED. PHONE REQUIRED INSPECTION.
3. WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE COMPLETED WITHOUT DELAY SO AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES FROM ANY AND ALL DAMAGE THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY FLOODING.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEARING OF THE PROPOSED WORK AREA.
6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO APPLY TO THE CITY ENGINEER'S OFFICE, PERMIT SECTION, PRIOR TO CONSTRUCTION FOR AN ENCROACHMENT PERMIT FOR ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
7. NO TRENCHES MAY BE LEFT OPEN OVERNIGHT UNLESS APPROVED BY THE CITY ENGINEER.
8. IF ANY UTILITIES OR FACILITIES CONFLICT WITH PROPOSED IMPROVEMENTS, ALL WORK SHALL STOP, AND THE CITY ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
9. TRAFFIC CONTROL SHALL BE APPROVED BY THE CITY ENGINEER.
10. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) AS REQUIRED PRIOR TO THE START OF WORK. UPON EXPOSING ANY UTILITY'S UNDERGROUND FACILITY THE CONTRACTOR SHALL NOTIFY THAT UTILITY IMMEDIATELY.
11. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL SUBSTRUCTURES WITHIN THE ALIGNMENT OF AND IN THE EVENT OF THE PROPOSED IMPROVEMENTS, SUBSTRUCTURE DAMAGE, THE CONTRACTOR SHALL BEAR THE TOTAL COST OF REPAIR OR REPLACEMENT.
12. THE CONTRACTOR SHALL NOT CONDUCT ANY OPERATIONS OR PERFORM ANY WORK PERTAINING TO THE PROJECT BETWEEN 5:00 P.M. AND 7:00 A.M. ON ANY DAY NOR ON SATURDAY, SUNDAY, HOLIDAY AT ANY TIME EXCEPT AS APPROVED BY THE ENGINEER.
13. TREES SHALL BE PROTECTED IN PLACE AND ANY DAMAGE TO EXISTING IMPROVEMENTS SHALL BE REPLACED IN KIND.
14. THE CONTRACTOR IS ADVISED THAT MATERIALS SHALL BECOME HIS PROPERTY AND SHALL BE REMOVED FROM THE JOB-SITE UNLESS INSTRUCTED BY THE CITY ENGINEER TO DO OTHERWISE.
15. THE CONTRACTOR SHALL BE RESPONSIBLE DURING ALL PHASES OF THE WORK TO PROVIDE FOR PUBLIC SAFETY AND CONVENIENCE. THE CONTRACTOR SHALL ESTABLISH ADEQUATE ACCESS TO DRIVEWAYS AT THE END OF EACH WORKING DAY TO THE SATISFACTION OF THE CITY ENGINEER.
16. THE CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN FOR THE COMPLETION OF THE PROPOSED IMPROVEMENTS PER THE "WORK AREA TRAFFIC CONTROL HANDBOOK" (W.A.T.C.H.)
17. THE CONTRACTOR SHALL PROVIDE A 72-HOUR NOTIFICATION TO THE AFFECTED PROPERTIES, POLICE DEPARTMENT, AND FIRE DEPARTMENT IN THE EVENT OF A CHANGE IN STREET CLOSURE TO TRAFFIC AND/OR PUBLIC SAFETY VEHICLES, PARKING RESTRICTIONS, AND ON EACH MONDAY MORNING DURING THE CONSTRUCTION PERIOD.
18. ALL PORTLAND CEMENT CONCRETE (P.C.C.) AND ASPHALTIC CONCRETE (A.C.) SHALL BE REMOVED TO A SAWCUT.
19. ANY DISCREPANCIES OR ERRORS FOUND ON THESE PLANS BY THE CONTRACTOR SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER AND THE CITY ENGINEERING DEPARTMENT. NO WORK SHALL CONTINUE ON THAT PART OF THE CONSTRUCTION AFFECTED BY SUCH DISCREPANCY OR ERROR UNTIL IT HAS BEEN RESOLVED TO THE SATISFACTION OF THE PROJECT ENGINEER AND THE CITY OF COLTON ENGINEERING DEPARTMENT. IF CONTRACTOR DOES PROCEED ON SAID WORK PRIOR TO OBTAINING APPROVAL FROM THE PROJECT ENGINEER AND THE CITY ENGINEERING DEPARTMENT, HE/SHE SHALL BE LIABLE FOR ALL DAMAGES RESULTING THEREFROM.



### SITE PLAN

NOT TO SCALE

### N.P.D.E.S. REQUIREMENTS

ALL CONSTRUCTION ON OFF-SITE OR ON-SITE IMPROVEMENTS SHALL ADHERE TO N.P.D.E.S. (NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM) BEST MANAGEMENT PRACTICES TO PREVENT DELETERIOUS MATERIALS OR POLLUTANTS FROM ENTERING THE CITY OR COUNTY STORM DRAIN SYSTEMS.

THE FOLLOWING SHOULD BE ADHERED TO:

1. HANDLE, STORE AND DISPOSE OF MATERIALS PROPERLY.
2. AVOIDING EXCAVATION AND GRADING ACTIVITIES DURING WET WEATHER.
3. CONSTRUCT DIVERSION DIKES AND DRAINAGE SWALES AROUND WORKING SITES.
4. COVER STOCKPILES AND EXCAVATED SOIL WITH SECURED TARPS OR PLASTIC SHEETING.
5. DEVELOP AND IMPLEMENT EROSION CONTROL PLANS AND PROVIDE A COPY FOR CITY APPROVAL.
6. CHECK AND REPAIR LEAKING EQUIPMENT AWAY FROM CONSTRUCTION SITE.
7. DESIGNATE A LOCATION AWAY FROM STORM DRAINS FOR REFUELING.
8. COVER AND SEAL CATCH BASINS WHENEVER WORKING IN THEIR VICINITY.
9. USE VACUUM WITH ALL CONCRETE SAWING OPERATIONS.

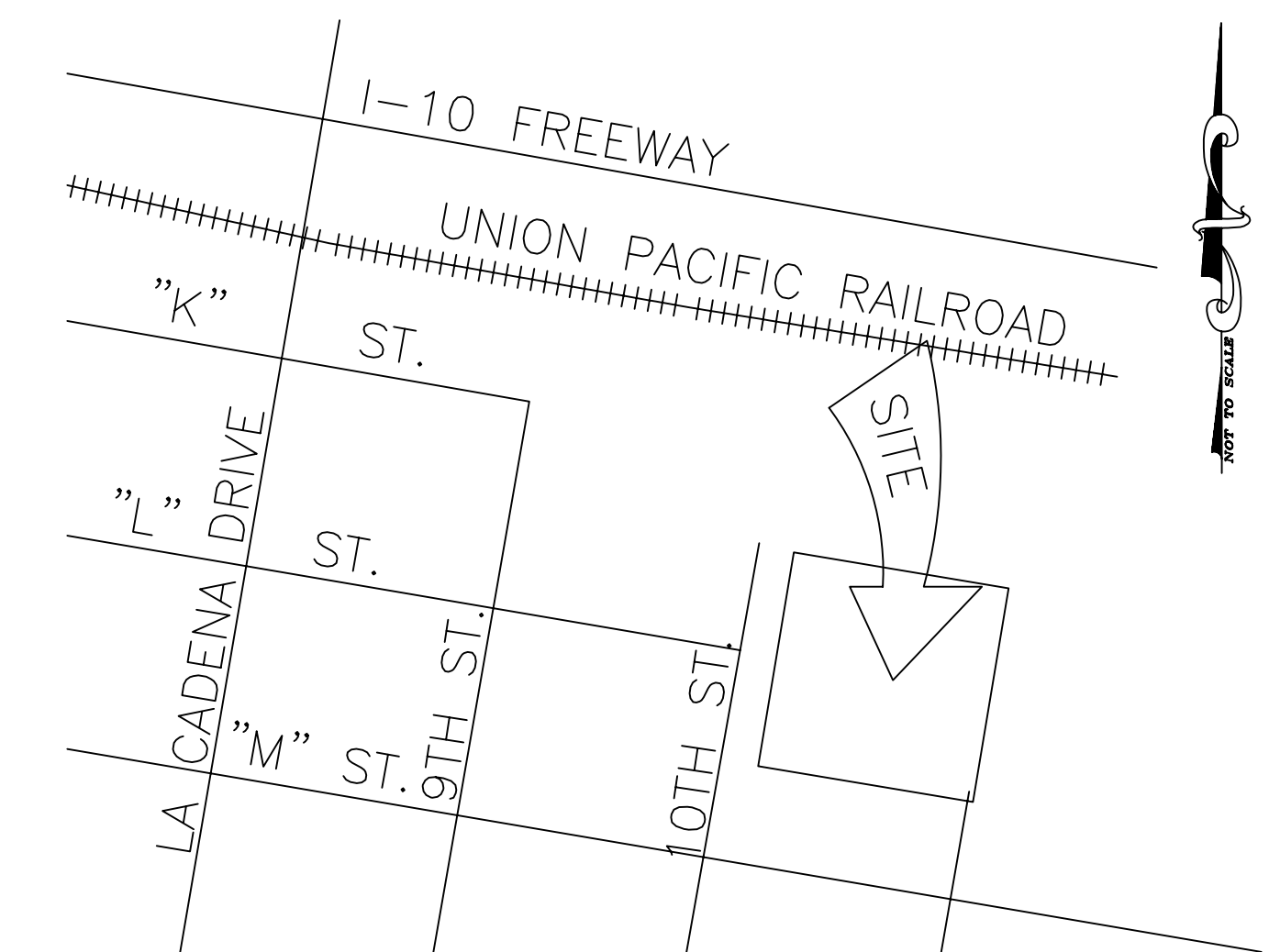
10. NEVER WASH EXCESS MATERIAL FROM AGGREGATE, CONCRETE OR EQUIPMENT ONTO A STREET.
11. CATCH DRIPS FROM PAVER WITH DRIP PANS OR ABSORBENT MATERIAL.
12. CLEAN UP ALL SPILLS USING DRY METHODS.
13. SWEEP ALL GUTTERS AT THE END OF EACH WORKING DAY. GUTTERS SHALL BE KEPT CLEAN AFTER LEAVING CONSTRUCTION SITE.
14. DURING CONSTRUCTION, DUMPSTER(S) SHALL BE SET ON SITE AT ALL TIMES.
15. CALL 911 IN CASE OF A HAZARDOUS SPILL.
16. KEEP A RUNNING LOG OF ALL ACTIVITIES IN CONNECTION WITH THE STORM WATER POLLUTION PREVENTION PLAN (S.W.P.P.P.)
17. NAME A PERSON, ON SITE RESPONSIBLE FOR COMPLYING WITH S.W.P.P.P.
18. THE FOLLOWING BMP'S AS OUTLINED IN, BUT NOT LIMITED TO, THE "BEST MANAGEMENT PRACTICE HANDBOOK, CALIFORNIA STORMWATER QUALITY TASK FORCE, SACRAMENTO, CALIFORNIA, 1993" OR THE LATEST REVISED EDITION, MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT. (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY COUNTY INSPECTORS):

- CA001 -DEWATERING OPERATIONS
- CA002 -PAVING OPERATIONS
- CA003 -STRUCTURE CONSTRUCTION AND PAINTING
- CA010 -MATERIAL DELIVERY AND STORAGE
- CA011 -MATERIAL USE
- CA012 -SPILL PREVENTION AND CONTROL
- CA020 -SOLID WASTE MANAGEMENT
- CA021 -HAZARDOUS WASTE MANAGEMENT
- CA022 -CONTAMINATED SOIL MANAGEMENT
- CA023 -CONCRETE WASTE MANAGEMENT
- CA030 -VEHICLE AND EQUIPMENT CLEANING
- CA031 -VEHICLE AND EQUIPMENT FUELING
- CA032 -VEHICLE AND EQUIPMENT MAINTENANCE
- CA040 -EMPLOYEE/SUBCONTRACTOR TRAINING
- ESC01 -SCHEDULING
- ESC02 -PRESERVATION OF EXISTING VEGETATION
- ESC10 -SEEDING AND PLANTING
- ESC11 -MULCHING
- ESC20 -GEOTEXTILES AND MATS
- ESC21 -DUST CONTROLS
- ESC23 -CONSTRUCTION ROAD STABILIZATION
- ESC24 -STABILIZED CONSTRUCTION ENTRANCE
- ESC30 -EARTH DIKE
- ESC31 -TEMPORARY DRAINS AND SWALES

- ESC32 -SLOPE DRAIN
- ESC40 -OUTLET PROTECTION
- ESC41 -CHECK DAMS
- ESC42 -SLOPE ROUGHENING/TERRACING
- ESC50 -SILT FENCE
- ESC51 -STRAW BALE BARRIERS
- ESC52 -SAND BAG BARRIER
- ESC53 -BRUSH OR ROCK FILTER
- ESC54 -STORM DRAIN INLET PROTECTION
- ESC55 -SEDIMENT TRAP
- ESC56 -SEDIMENT BASIN

FOR BIDDING  
PURPOSES ONLY

*Underground Service Alert*  
  
 Call: TOLL FREE  
 1-800  
 422-4133  
 TWO WORKING DAYS BEFORE YOU DIG

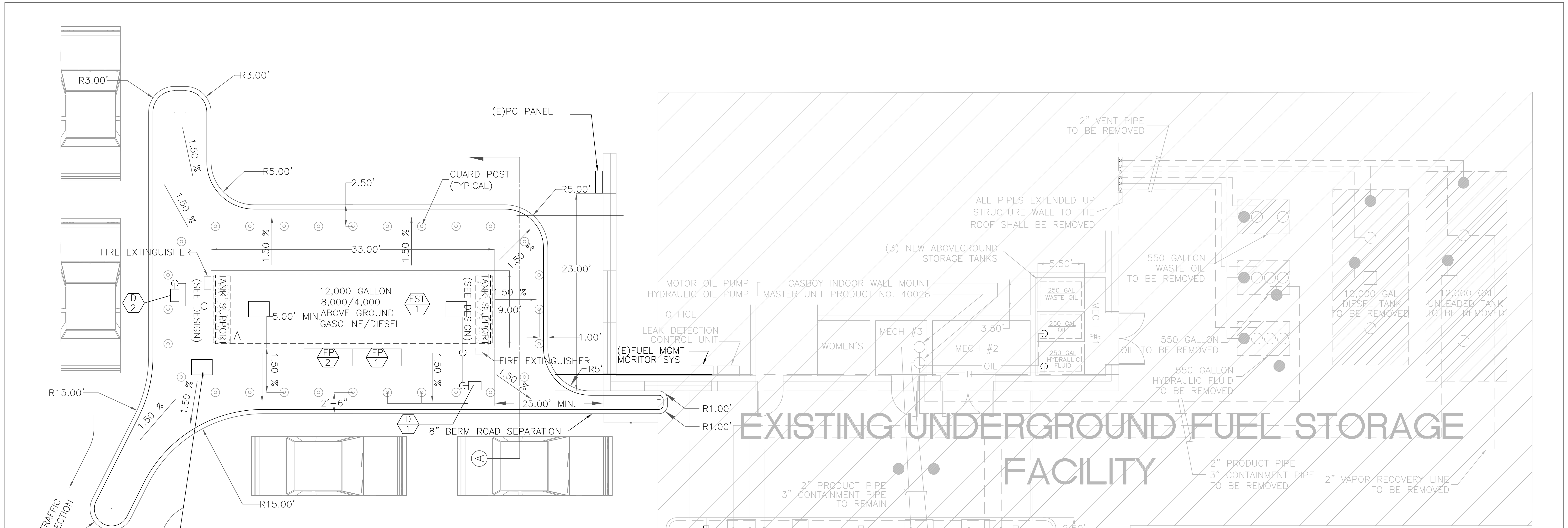


VICINITY MAP

### INDEX OF DRAWINGS

COVER SHEET	SHEET 1
PLAN & SECTION	SHEET 2
TANK DETAIL	SHEET 3

<b>BENCHMARK</b>	<b>CITY OF COLTON</b>				
	<b>PUBLIC SERVICES DEPARTMENT</b>	CITY ENGINEER	DATE	APPR.	SCALE
	NAME: AMER JAKHER R.C.E. 50932	EXPIRES 9-30-07			HORIZ. VERT. DATE: 02-23-06
	APPROVED: _____	DATE: _____			ADDRESS: 160 S 10th St Colton, CA 92324
	PLAN NO. M-198				SHEET 1 OF 3



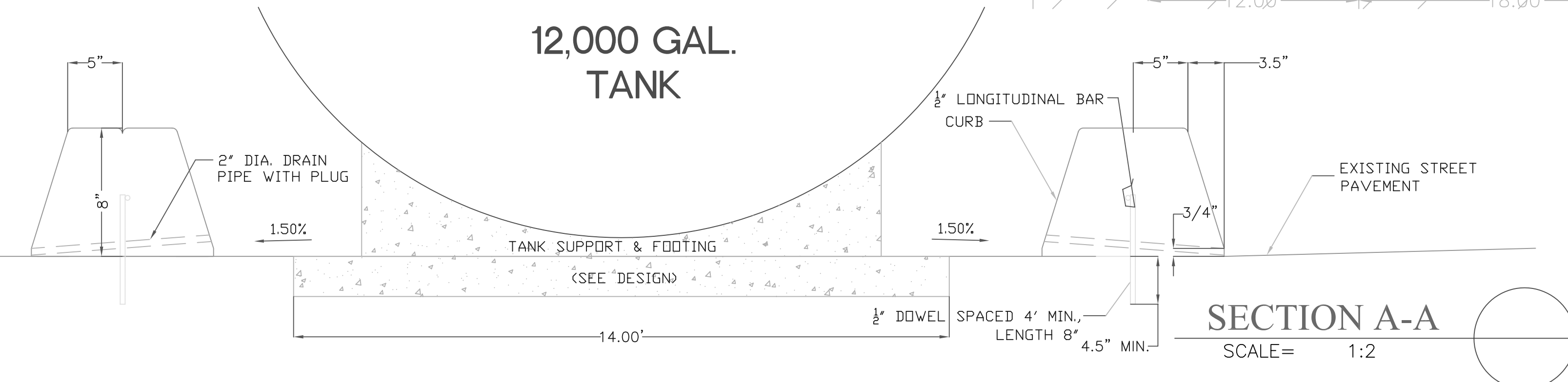
# EXISTING UNDERGROUND FUEL STORAGE FACILITY

**PLAN**  
SCALE: 3/16" = 1'

- NOTES**
- UL LISTED SAFETY SHEAR VALVE MUST BE INSTALLED WITH SHEAR SECTION FLUSH WITH BOTTOM OF EACH DISPENSER BASE.
  - THIS DWG IS FOR BID PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND APPROVAL WITH COUNTY DEPT. OF HEALTH AND THE CITY OF COLTON.
  - THIS PLAN DOES NOT ANTICIPATE CHANGE IN STORMWATER DRAINAGE AND IT SHOULD BE EVALUATED PRIOR TO CONSTRUCTION.
  - CARD READER SHALL BE INSTALLED WITH EACH DISPENSER.

**EQUIPMENT SCHEDULE**

ITEM	EQUIPMENT	ROUGH-IN SIZE	DESCRIPTION
FST 1	FUEL STORAGE TANK	--	12,000 GALLON ABOVE GROUND FUEL TANK. (ENVIRO-Vault EV-CC-12,000 or EQUAL), 8,000/4,000 COMPARTMENTS, 112"Wx396"Lx108"H. APPROX. OPER. WEIGHT W/ CONCRETE = 46,009 LBS. U.L. 2085 LISTED, MEETS UFC IIF-1, COMPLETE W/ PRIMARY AND SECONDARY EMERGENCY VENTS, 20"Ø MANHOLE, (INSTALLATION SHALL CONFORM TO THE MANUF. RECOMMENDATIONS.)
D 1	GASOLINE FUEL DISPENSER	--	GASBOY MODEL 9823K, GASOLINE FUEL DISPENSER COMPLETE WITH METER AND PUMPING UNIT BOX, REMOTE REGISTER AND NOZZLE BOOT. (1) 1" x 4' JUMPER HOSE DAYCO OR EQUAL (1) HUSKY MODEL 2276 1" BREAKAWAY (1) 1" x 8' DAYCO HOSE (1) HUSKY 1" SWIVEL (1) HUSKY 8 SERIES NO PRESSURE/NO FLOW/ATTITUDE CONTROLLED NOZZLE.
D 2	DEISEL FUEL DISPENSER	--	GASBOY MODEL 9823K, DEISEL FUEL DISPENSER COMPLETE WITH METER AND PUMPING UNIT BOX, REMOTE REGISTER AND NOZZLE BOOT. (1) G/V 3/4" x 6' JUMPER HOSE DAYCO OR EQUAL (1) OPW 38CS VAPOR SPLITTER (1) HUSKY MODEL 3360VR BREAKAWAY (1) G/V 4' COAXIAL HOSE (1) G/V 8' COAXIAL HOSE W/VENTURI (1) HUSKY BALANCE NOZZLE.
FP 1	GASOLINE FUEL PORT	3"	SIMPLX MODEL SP3GV/2, TWO-TANK SMARTPUMP FUEL PORT WITH VAPOR RECOVERY, 77" x 32" x 54", 300 GPM, 208-240 VOLT, 3 PH., 60 HZ., 5 H.P., SHIPPING WEIGHT = 692 LBS.
FP 2	DEISEL FUEL PORT	2"	SIMPLX MODEL SP2, SINGLE-TANK SMARTPUMP FUEL PORT WITH VAPOR RECOVERY, 77" x 32" x 54", 150 GPM, 208-240 VOLT, 3 PH., 60 HZ., 2 H.P., SHIPPING WEIGHT = 667 LBS.



FOR BIDDING PURPOSES ONLY

**Underground Service Alert**  
Call: TOLL FREE 1-800-422-4133  
TWO WORKING DAYS BEFORE YOU DIG

**BENCHMARK**

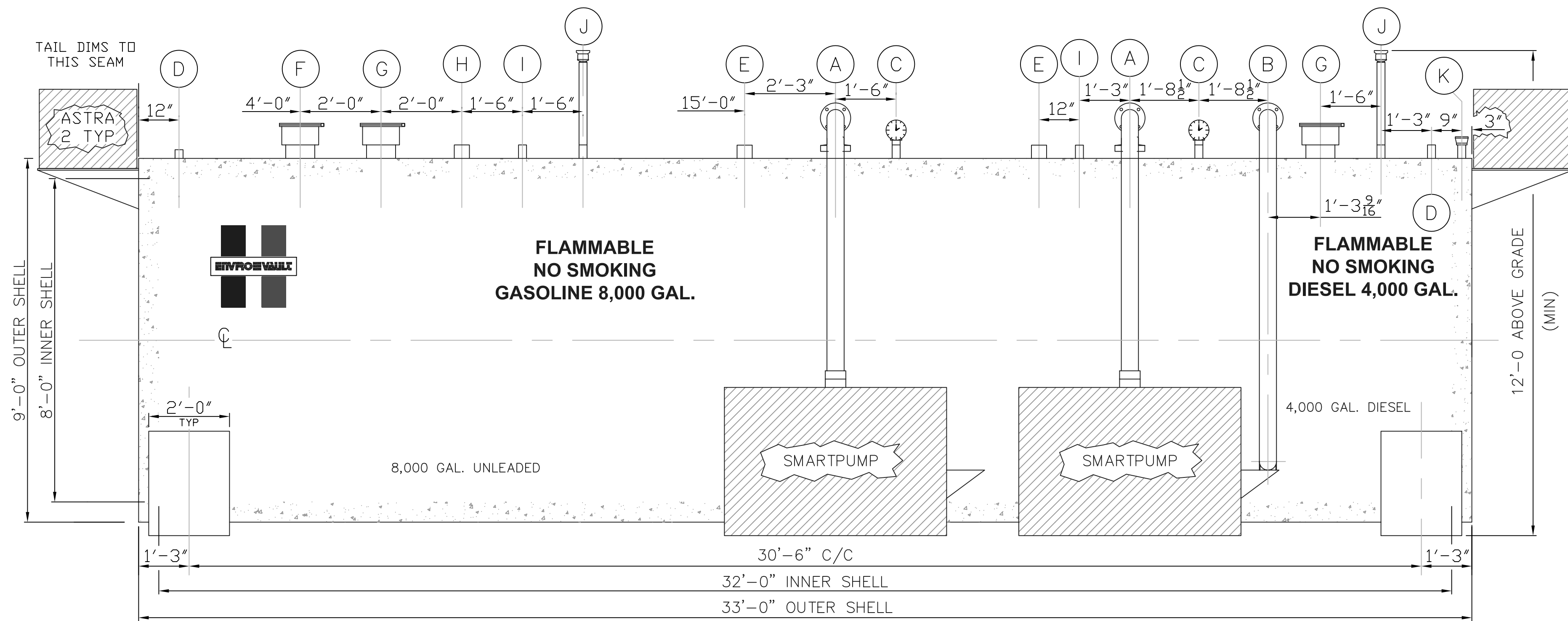
**CITY OF COLTON PUBLIC WORKS DEPARTMENT**  
CITY ENGINEER

NAME: \_\_\_\_\_ R.C.E. \_\_\_\_\_ EXPIRES \_\_\_\_\_  
APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_  
PLAN NO. M-198

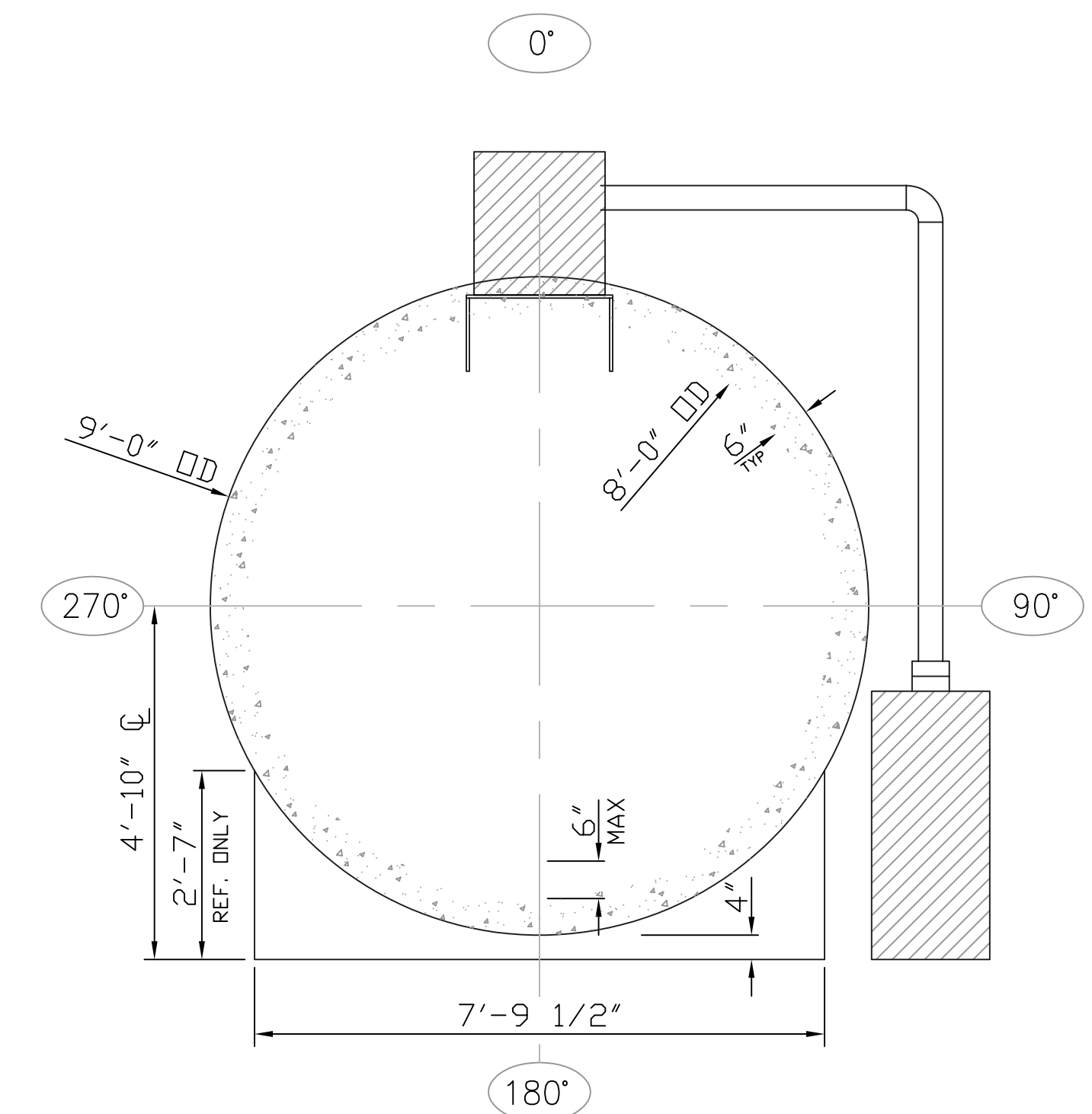
**FUEL TANK REPLACEMENT PLAN**

ADDRESS: 160 S 10TH ST COLTON, CA 92324

REVISIONS: 01-25-08  
DATE: \_\_\_\_\_ APPR: \_\_\_\_\_  
SCALE: \_\_\_\_\_  
HORIZ: \_\_\_\_\_  
VERT: \_\_\_\_\_  
DATE: 02-23-06  
SHEET 2 OF 3

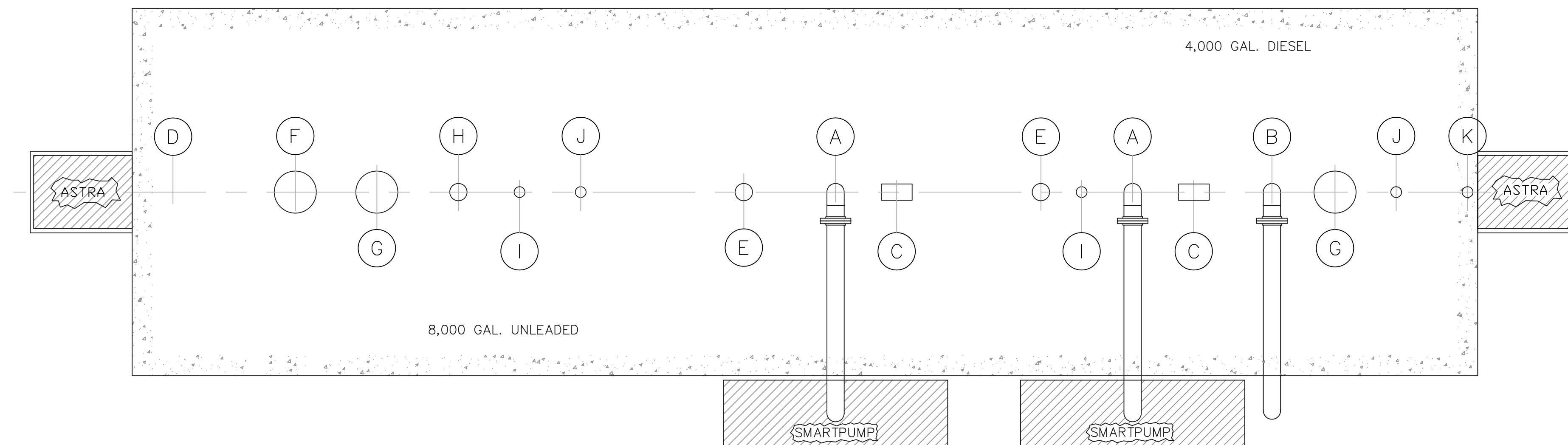


**SIDE ELEVATION**  
SCALE: 1:1/2



**END ELEVATION**  
SCALE: 1:1/2

**NOTES**



**PLAN**  
SCALE: 1:1/2

**VAULT/NOZZLE FITTING SCHEDULE**

- |                               |                                  |
|-------------------------------|----------------------------------|
| (A) 6"Ø FILL                  | (G) 8"Ø SECONDARY EMER. VENT     |
| (B) 4"Ø VAPOR RECOVERY        | (H) 4"Ø SPARE                    |
| (C) 2"Ø MORRISON GAUGE (FEM.) | (I) 2"Ø SPARE                    |
| (D) 2"Ø DISPENSING PORT       | (J) 2 1/2"Ø NORMAL VENT (FEM.)   |
| (E) 4"Ø LEVEL TRANSMITTER     | (K) 2"Ø SECONDARY MONITOR (FEM.) |
| (F) 8"Ø PRIMARY EMER. VENT    |                                  |

FOR BIDDING PURPOSES ONLY

**Underground Service Alert**  
Call: TOLL FREE 1-800-422-4133  
TWO WORKING DAYS BEFORE YOU DIG

<b>BENCHMARK</b>	<b>CITY OF COLTON</b>			
	<b>PUBLIC SERVICES DEPARTMENT</b>			
	CITY ENGINEER	NAME: AMER JAKHER	EXPIRES 9-30-07	
		R.C.E. 50932		
	APPROVED: _____	DATE: _____		
	PLAN NO. M-198			
		<b>FUEL TANK REPLACEMENT DETAIL</b>		
		ADDRESS: 160 S 10TH ST COLTON, CA 92324		
		REVISIONS	DATE	APPR.
		SCALE		
		HORIZ.		
		VERT.		
		DATE: 02-23-06		
		SHEET 3 OF 3		