



ADDENDUM NO. 1
TO
CONTRACT DOCUMENTS
FOR
COUNTY HILLS DRIVE
SOUNDWALL REPLACEMENT PROJECT
in
ANTIOCH, CALIFORNIA
P.W. 561-3

ISSUED
December 20, 2023

This Addendum No. 1 must be signed by the bidder and attached to the CONTRACT PROPOSAL PACKAGE for consideration by the City. The City reserves the right to disregard any proposal, which does not include this Addendum. The City may waive this requirement at its sole discretion.

- 1) The attached "Bid Submittal" project plan set dated August 3, 2023, shall replace the "100% Submittal" project plan set dated February 28, 2023.

Prepared By: 
Scott Buening, P.E.



BIDDER'S CERTIFICATION

I acknowledge receipt of this Addendum No. 1 and accept all conditions contained herein.

Bidder

By:



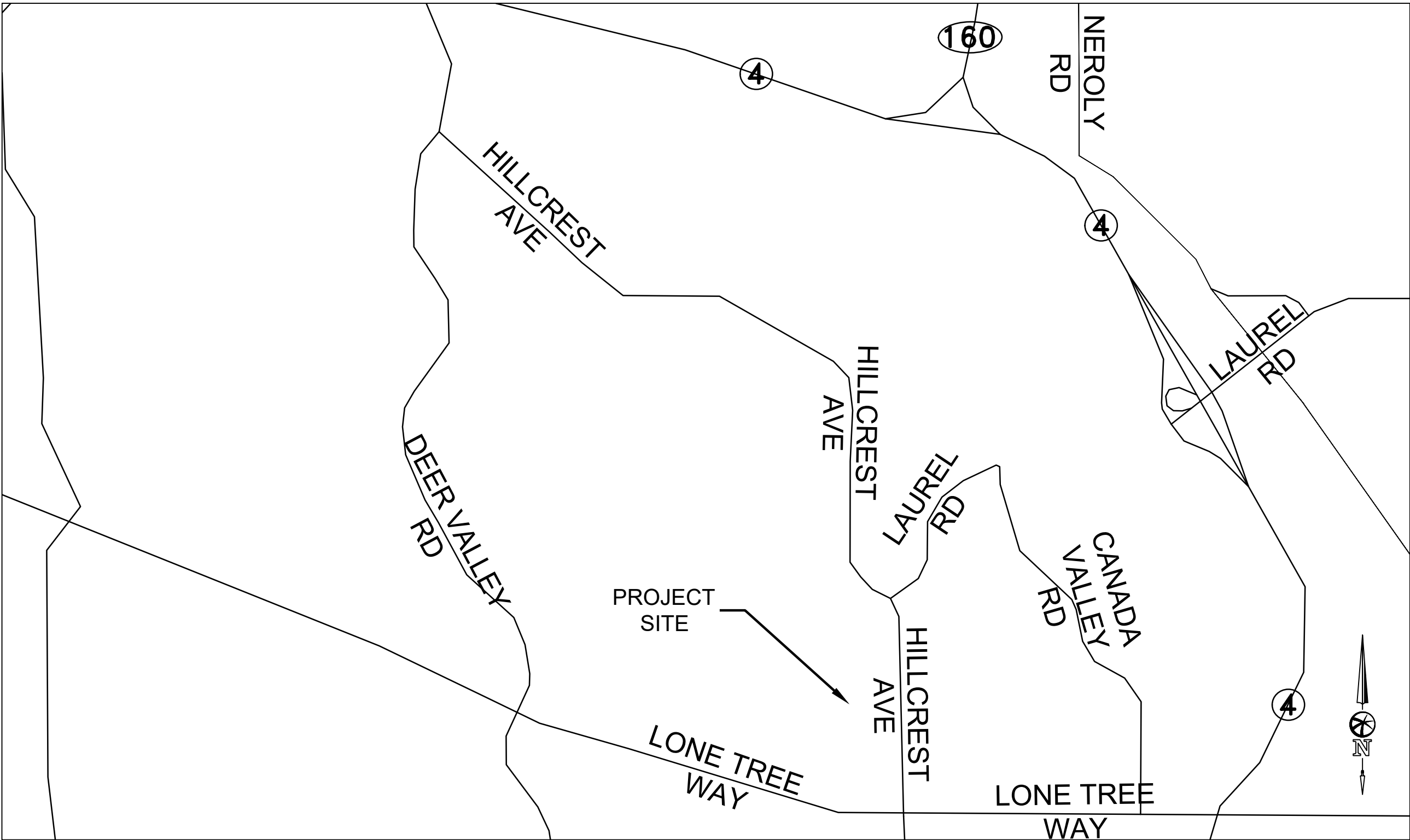
CITY OF ANTIOCH
COUNTRY HILLS DRIVE
SOUNDWALL REPLACEMENT PROJECT
CITY PROJECT No. PW 561-3

GENERAL NOTES:

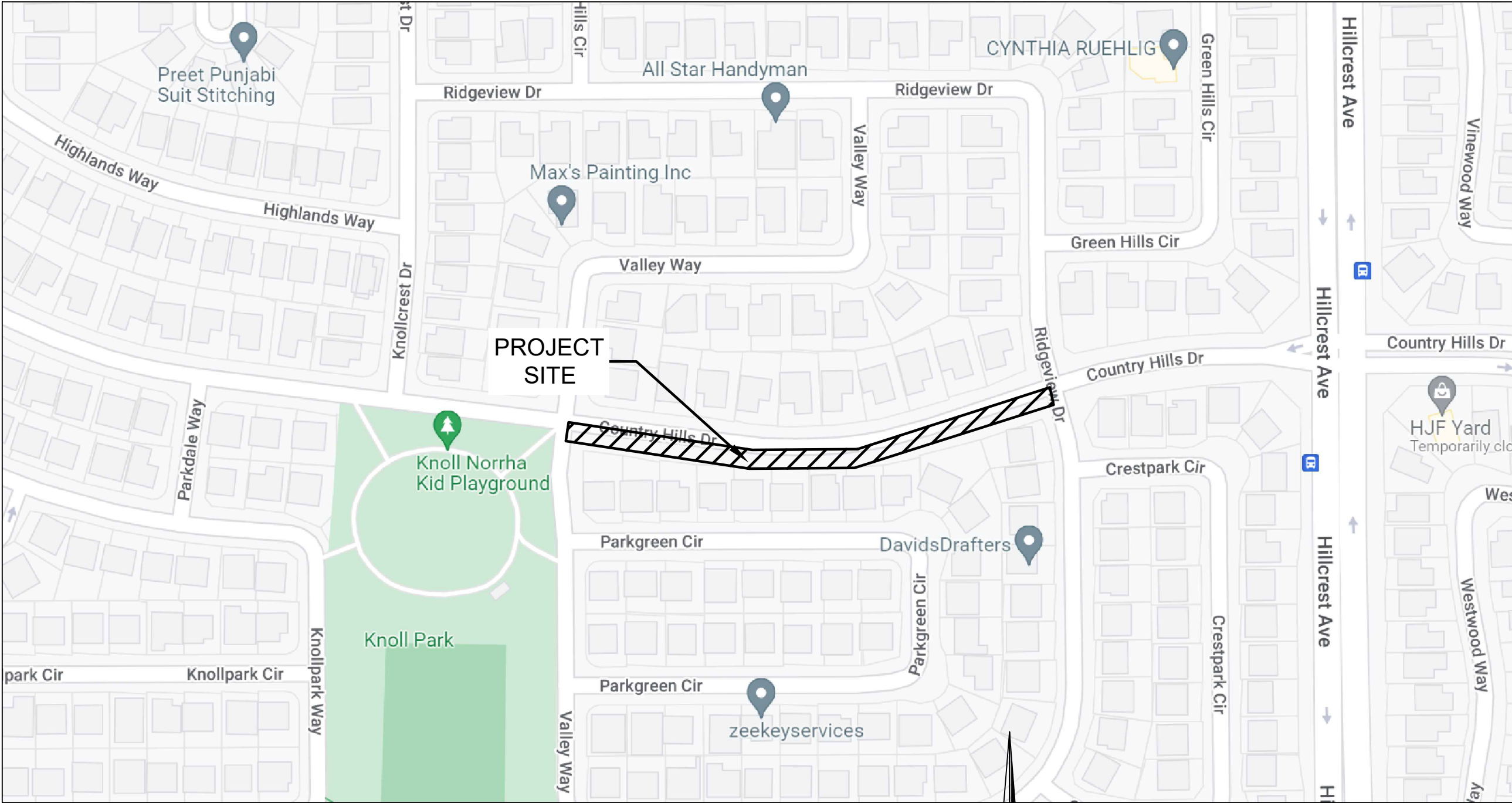
- ALL MATERIAL AND WORKMANSHIP SHALL FULLY CONFORM WITH THE SPECIFICATIONS, STANDARDS, AND ORDINANCES OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS AND DETAILS.
- THE PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF ANY WORK.
- THE LOCATION AND DEPTHS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXISTENCE AND LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. CONTACT UNDERGROUND SERVICE ALERT AT 811 OR 800-227-2600.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE CITY ENGINEER.
- ALL EXISTING UTILITIES AND PRIVATE IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY, AT CONTRACTOR'S SOLE EXPENSE.
- THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY AND THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT JUST DURING NORMAL WORKING HOURS.
- EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED AND SHEETED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE AND SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE. ANY DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING, BRACING OR SHEETING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL MAKE NECESSARY REPAIRS OR RECONSTRUCTION AT CONTRACTOR OWN EXPENSE. WHERE THE EXCAVATION FOR A CONDUIT TRENCH, AND/OR STRUCTURE IS FIVE FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL PROVIDE ADEQUATE SHEETING, SHORING AND BRACING OR EQUIVALENT METHOD, FOR THE PROTECTION OF LIFE, OR LIMB, WHICH SHALL CONFORM TO THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL ALWAYS COMPLY WITH OSHA REQUIREMENTS.
- SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
- EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE AND IN PLACE BY THE CONTRACTOR DURING CONSTRUCTION UNLESS OTHERWISE INDICATED.
- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND STANDARD PLANS, SPECIAL PROVISIONS AND STANDARD PLANS.
- CONTRACTOR SHALL PROTECT ALL SURVEY MONUMENTS.
- CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 13 "WATER POLLUTION CONTROL" AND "TEMPORARY WATER POLLUTION CONTROL DETAILS" OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND STANDARD PLAN, RESPECTIVELY.
- CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 21 "EROSION CONTROL" AND "LANDSCAPE AND EROSION CONTROL DETAILS" OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND STANDARD PLAN, RESPECTIVELY.
- CONTRACTOR IS RESPONSIBLE FOR ARRANGING ALL REQUIRED INSPECTIONS. THE PRESENCE OR ABSENCE OF A CITY OR OTHER INSPECTOR WILL NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR THE PROPER PERFORMANCE OF THE WORK.
- ANY CONFLICTS WITH THE DESIGN OR ANY CHANGES TO THE PLANS SHALL BE SUBMITTED TO THE DESIGN ENGINEER AND AUTHORIZED BY THE CITY BEFORE CONTINUING WITH WORK IN THAT AREA.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL SURPLUS EXCAVATION, MATERIALS AND DEBRIS FROM THE SITE AND SHALL MAINTAIN THE SITE IN A NEAT AND ORDERLY CONDITION AT THE CONTRACTOR'S SOLE EXPENSE.
- ALL CONSTRUCTION ACTIVITIES SHALL BE RESTRICTED TO MONDAY THROUGH FRIDAY AND TO THE HOURS OF 8:00 AM TO 4:30 PM WITHIN CITY RIGHT OF WAY. ANY WORK THAT IMPACTS 2-WAY MOVEMENT OF TRAFFIC SHALL BE APPROVED BY THE CITY, AND SHALL BE TYPICALLY RESTRICTED TO THE TIMES SPECIFIED ABOVE.
- ALL CONSTRUCTION EQUIPMENT SHALL BE MUFFLED IN ACCORDANCE WITH CALIFORNIA STATE LAW.
- UTILITY OBSTRUCTIONS INDICATED ARE FOR INFORMATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE HORIZONTAL AND VERTICAL LOCATION WITH THE APPROPRIATE AGENCIES, OR BY POT-HOLING PRIOR TO CONSTRUCTION. NEITHER THE OWNER NOR THE ENGINEER ASSUMES RESPONSIBILITY THAT THE UTILITY OBSTRUCTIONS INDICATED ON THE PLANS WILL BE THE UTILITY OBSTRUCTIONS ENCOUNTERED. ALL EXISTING ELEVATIONS SHOWN ARE AS MEASURED IN THE FIELD UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL INSTALL TEMPORARY PROTECTION FENCE AS SHOWN ON PLANS PRIOR TO THE NEW WALL CONSTRUCTION. THE TEMPORARY PROTECTION FENCE SHALL BE SECURED FOR ALL NEIGHBORHOOD PETS.
- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN, OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY AND WORKER SAFETY IN ACCORDANCE WITH CALTRANS, CAL/OSHA SPECIFICATIONS AND ANY ADDITIONAL REQUIREMENTS OF THE CITY.
- CONTRACTOR SHALL KEEP A SET OF PLANS ON-SITE AND TAKE NOTE OF AS-BUILT INFORMATION.
- CONTRACTOR SHALL POST EMERGENCY PHONE NUMBERS FOR CITY PUBLIC SERVICES, POLICE DEPARTMENT, AND THE CITY OF ANTIOCH FIRE DEPARTMENT. IN ADDITION, CONTRACTOR SHALL POST HIS/HER CONTACT INFORMATION DURING WORKING HOURS, AFTER WORKING HOURS, AND IN CASE OF AN EMERGENCY.
- ALL TRIMMING WORK PERFORM BY THE CONTRACTOR SHALL BE UNDER DIRECT SUPERVISION OF AND IN CONFORMANCE WITH THE RECOMMENDATIONS OF AN ARBORIST CERTIFIED BY THE WESTERN CHAPTER OF THE INTERNATIONAL SOCIETY OF ARBORICULTURE.
- CONTRACTOR SHALL COMPLY AND PRACTICE BEST MANAGEMENT PRACTICES THROUGHOUT THE PERIOD OF CONSTRUCTION.

ABBREVIATIONS

AB	AGGREGATE BASE	PCC	PORTLAND CEMENT CONCRETE
AC	ASPHALT CONCRETE	PERF	PERFORATED
ALT	ALTERNATIVE	PG&E	PACIFIC GAS & ELECTRIC
BP	BEGIN POINT	PI	POINT OF INTERSECTION
BW	BACK OF WALK	POC	POINT OF CONNECTION
CBL	CABLE	PPB	PEDESTRIAN PUSH BUTTON
CKT	CIRCUIT	PT	POINT
CL	CENTERLINE	R	RADIUS
CO	CLEANOUT	RC	RELATIVE COMPACTION
CONC	CONCRETE	RCP	REINFORCED CONCRETE PIPE
CY	CUBIC YARD	RR	RAILROAD
DI	DRAIN INLET	RRFB	RECTANGULAR RAPID FLASHING BEACON
DWY	DRIVEWAY	RT	RIGHT
E	ELECTRICAL, EAST	R/W	RIGHT OF WAY
EC	END CURVE	S	SLOPE, SOUTH
EG	EXISTING GRADE	SD	STORM DRAIN
EL	ELEVATION	SEG	SUBGRADE ENHANCEMENT GEOTEXTILE
EP	END POIN	SL	STATION LINE, STREET LIGHT
EX	EXISTING	SS	SANITARY SEWER
FG	FINISH GROUND	STA	STATION
FH	FIRE HYDRANT	STD	STANDARD
FL	FLOW LINE	SW	SIDEWALK
FO	FIBER OPTICS	TC	TOP OF CURB
FS	FIRE SERVICE	TEL	TELEPHONE, TELECOM
FW	FACE OF WALK	TF	TRAFFIC
G	GAS	TFL	THEORETICAL FLOW LINE
GB	GRADE BREAK	TOW	TOP OF WALL
H	HEIGHT	TTC	THEORETICAL TOP OF CURB
HP	HIGH POINT	TYP	TYPICAL
HV	HIGH VOLTAGE	VC	VERTICAL CURVE
HYD	FIRE HYDRANT	W	WATER, WEST
INV	INVERT	WW	WATER VALVE
IRR	IRRIGATION		
L	LEFT		
LF	LINEAR FEET		
LIP	LIP OF GUTTER		
LP	LOW POINT		
LOC	LIMIT OF CONSTRUCTION		
LOL	LAY-OUT LINE		
LT	LEFT		
MAX	MAXIMUM		
MH	MANHOLE		
MIN	MINIMUM		
MISC	MISCELLANEOUS		
N	NORTH		



VICINITY MAP
NTS



LOCATION MAP
NTS

SHEET INDEX

SHEET NUMBER	DESCRIPTION
1 C1.1	COVER SHEET
2 C2.1	DEMOLITION PLAN
3 C2.2	DEMOLITION PLAN
4 C2.3	DEMOLITION PLAN
5 C3.1	PLAN AND PROFILE
6 C3.2	PLAN AND PROFILE
7 C4.1	CIVIL DETAILS
8 C4.2	CIVIL DETAILS
9 C5.1	CONSTRUCTION BEST MANAGEMENT PRACTICES

Call Two Working
Days Before You
Dig!



1-800-227-2600

CITY OF ANTIOCH
200 H STREET
CALIFORNIA 94509
(925)779-7000

COUNTRY HILLS DRIVE SOUNDWALL REPLACEMENT PROJECT

COVER SHEET

ANTIOCH

DWG NO. C1.1

1 OF 9

JOB NO. 220026

CONTRA COSTA COUNTY

CALIFORNIA

Bellecci

a sanderson bellecci co.

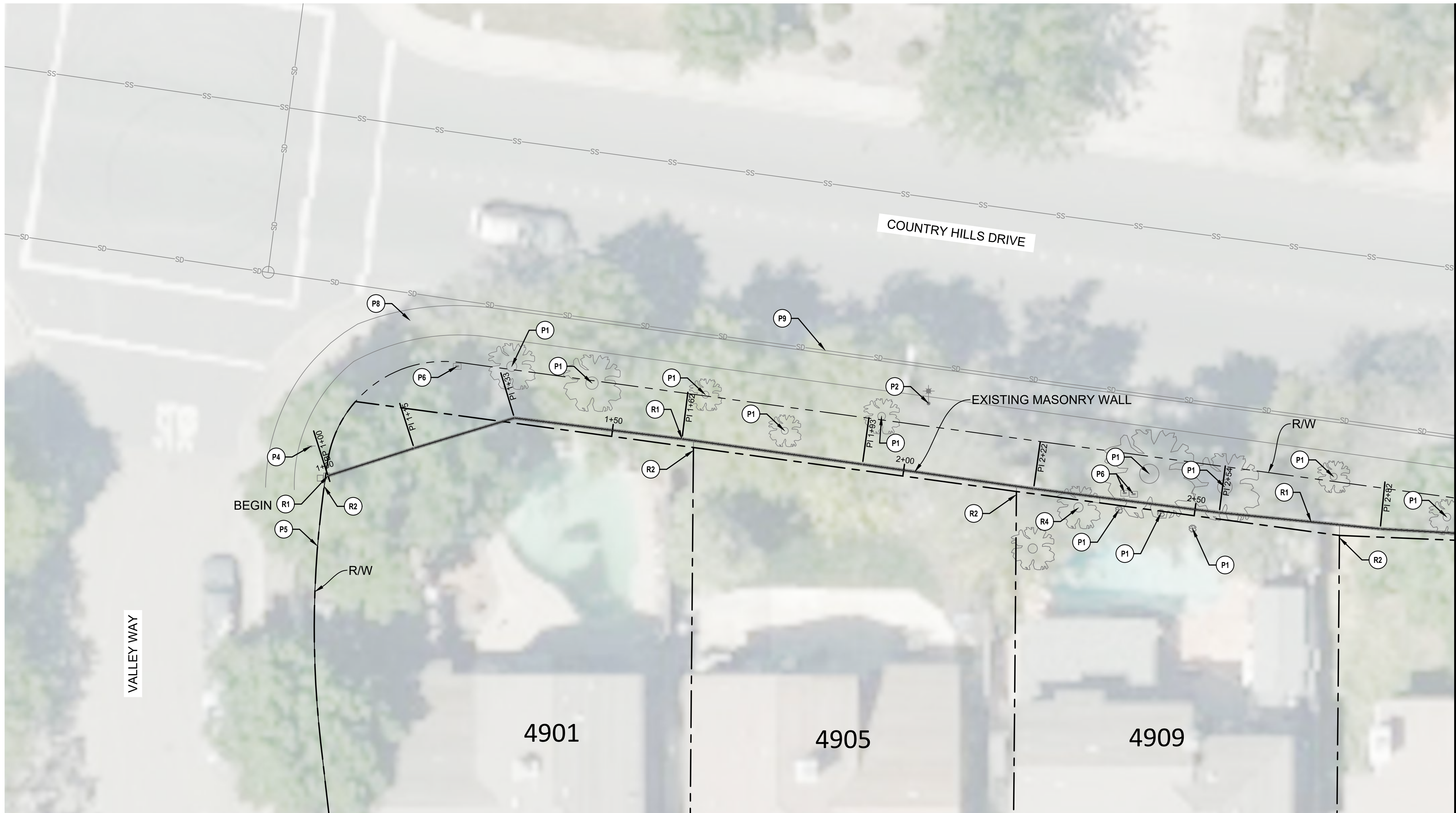
bellecci.com

925 • 685 • 4569

REVISIONS

DATE	BY

BID SUBMITTAL
AUGUST 3, 2023



MATCHLINE: SEE SHEET C2.2

CONSTRUCTION NOTES:

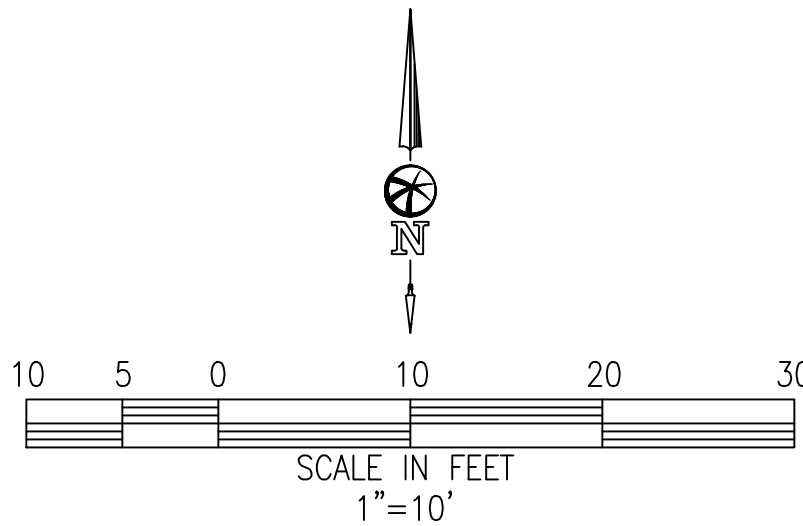
- | | |
|--|--|
| (P) PROTECT IN PLACE | (R) REMOVE, REPLACE, AND/OR RELOCATE |
| (P1) PROTECT IN PLACE TREE | (R1) REMOVE EXISTING MASONRY WALL AND FOOTINGS |
| (P2) PROTECT IN PLACE STREET LIGHT | (R2) REMOVE AND REPLACE FENCE IN KIND AS NECESSARY TO CONFORM TO THE NEW SOUNDWALL |
| (P3) PROTECT IN PLACE CONCRETE SIDEWALK, CURB AND GUTTER | (R3-1) - (R3-11) REMOVE CITY TREE AND STUMP |
| (P4) PROTECT IN PLACE STOP SIGN | (R4) REMOVE TREE AND STUMP (N HOMEOWNER'S BACKYARD, COORDINATION WITH HOMEOWNER REQUIRED) |
| (P5) PROTECT IN PLACE FENCE | • ADDRESS: 4909 PARKGREEN CIRCLE |
| (P6) PROTECT IN PLACE IRRIGATION BOX | (R5) REMOVE TREE AND STUMP (IN HOMEOWNER'S BACKYARD, COORDINATION WITH HOMEOWNER REQUIRED) |
| (P7) PROTECT IN PLACE STREET LIGHT | • ADDRESS: 4913 PARKGREEN CIRCLE |
| (P8) PROTECT IN PLACE CONCRETE SIDEWALK, CURB AND GUTTER | |
| (P9) PROTECT IN PLACE STORM DRAIN LINE AND APPURTENANCES | |
| (P10) PROTECT IN PLACE SEWER LINE AND APPURTENANCES | |

GENERAL NOTES:

- CONTRACTOR TO FIELD VERIFY DIMENSIONS, ELEVATIONS, AND LOCATION OF ALL EXISTING STRUCTURES, IMPROVEMENTS AND UNDERGROUND UTILITY LINES. KNOWN EXISTING UNDERGROUND UTILITIES ARE INDICATED IN THEIR APPROXIMATE LOCATION. CONTRACTOR TO NOTIFY THE ENGINEER IF ANY OF THE EXISTING STRUCTURES, IMPROVEMENTS, OR UNDERGROUND UTILITY LINES SHOWN ON THE DRAWINGS CONFLICT WITH THE PROPOSED CONSTRUCTION, AND WAIT FOR THE ENGINEER'S DECISION PRIOR TO BEGINNING OF THE WORK.
- KNOWN EXISTING UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATION TO THE BEST OF OUR KNOWLEDGE. CONTRACTOR SHALL EXERCISE CAUTION WHILE EXCAVATING AND PERFORMING CONSTRUCTION IN THE VICINITY OF THE UNDERGROUND LINES. CONTRACTOR SHALL REPLACE AND REPAIR ANY DAMAGE TO THE EXISTING UTILITY LINES AT THE SOLE EXPENSE OF THE CONTRACTOR.
- CONTRACTOR SHALL COORDINATE WITH HOMEOWNERS PRIOR TO REMOVING ANY TREE IN THEIR PROPERTY.
- ALL RESTORATION WORK TO BE COORDINATED WITH PROPERTY OWNER & PREFORMED TO THE SATISFACTION OF THE CITY.
- ACCESS TO SITE LIMITED. CONTRACTOR TO ADJUST CONSTRUCTION EQUIPMENT (SIZE, WEIGHT, TYPE, ETC) ACCORDINGLY.
- RESTORE ALL EXISTING SURFACE IMPROVEMENTS IN-KIND (CONCRETE, PAVERS, ETC). LANDSCAPE IRRIGATION BROKEN OR DAMAGED BY THE CONTRACTOR'S OPERATION SHALL BE REPAIRED WITHIN 48 HOURS. ALL RESTORATION WORK TO BE COORDINATED WITH PROPERTY OWNER & PERFORMED TO THE SATISFACTION OF THE CITY.

LEGEND:

- APPROXIMATE RIGHT OF WAY
--- PROPERTY LINE



Call Two Working
Days Before You
Dig!



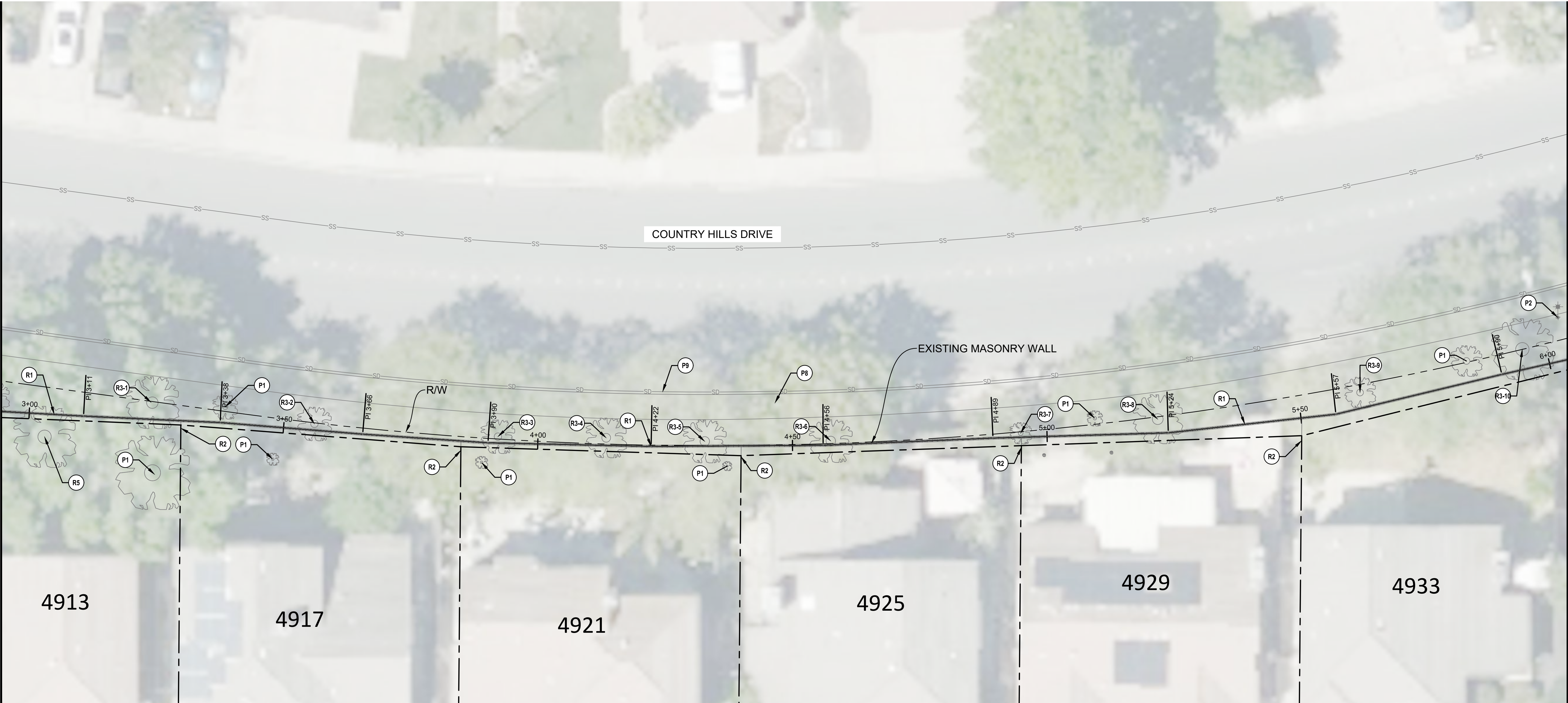
1-800-227-2600

COUNTRY HILLS DRIVE SOUNDWALL REPLACEMENT PROJECT	DEMOLITION PLAN	ANTIOCH	CONTRA COSTA COUNTY	CALIFORNIA		CITY OF ANTIOCH 200 H STREET CALIFORNIA 94509 (925)779-7000	925 • 685 • 4569 bellecci.com	a sanderson bellecci co.		BY	DATE	REVISIONS
DWG NO.	C2.1	JOB NO.										
	2 OF 9											

BID SUBMITTAL
AUGUST 3, 2023

MATCHLINE: SEE SHEET C2.1

MATCHLINE: SEE SHEET C2.3



CONSTRUCTION NOTES:

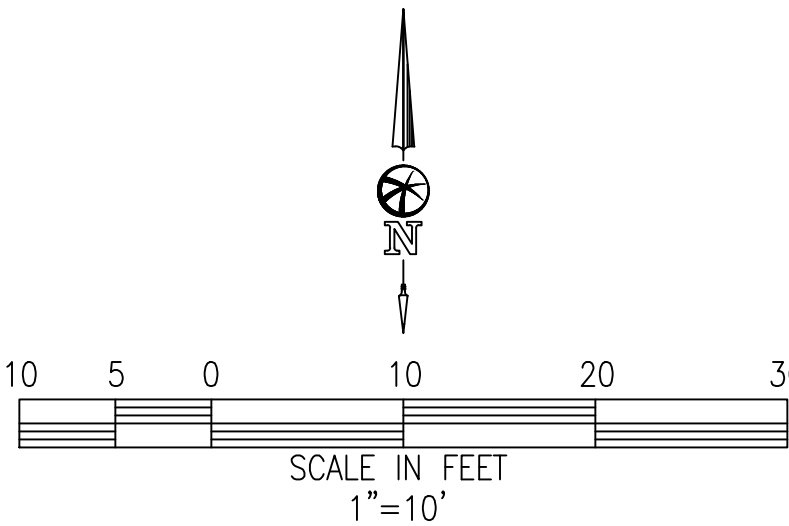
- | | | | |
|-------|---|------------------|---|
| (P) | PROTECT IN PLACE | (R) | REMOVE, REPLACE, AND/OR RELOCATE |
| (P1) | PROTECT IN PLACE TREE | (R1) | REMOVE EXISTING MASONRY WALL AND FOOTINGS |
| (P2) | PROTECT IN PLACE STREET LIGHT | (R2) | REMOVE AND REPLACE FENCE IN KIND AS NECESSARY TO CONFORM TO THE NEW SOUNDWALL |
| (P3) | PROTECT IN PLACE CONCRETE SIDEWALK, CURB AND GUTTER | (R3-1) - (R3-11) | REMOVE CITY TREE AND STUMP |
| (P4) | PROTECT IN PLACE STOP SIGN | (R4) | REMOVE TREE AND STUMP (N HOMEOWNER'S BACKYARD, COORDINATION WITH HOMEOWNER REQUIRED) |
| (P5) | PROTECT IN PLACE FENCE | | • ADDRESS: 4909 PARKGREEN CIRCLE |
| (P6) | PROTECT IN PLACE IRRIGATION BOX | (R5) | REMOVE TREE AND STUMP (IN HOMEOWNER'S BACKYARD, COORDINATION WITH HOMEOWNER REQUIRED) |
| (P7) | PROTECT IN PLACE STREET LIGHT | | • ADDRESS: 4913 PARKGREEN CIRCLE |
| (P8) | PROTECT IN PLACE CONCRETE SIDEWALK, CURB AND GUTTER | | |
| (P9) | PROTECT IN PLACE STORM DRAIN LINE AND APPURTENANCES | | |
| (P10) | PROTECT IN PLACE SEWER LINE AND APPURTENANCES | | |

GENERAL NOTES:

- CONTRACTOR TO FIELD VERIFY DIMENSIONS, ELEVATIONS, AND LOCATION OF ALL EXISTING STRUCTURES, IMPROVEMENTS AND UNDERGROUND UTILITY LINES. KNOWN EXISTING UNDERGROUND UTILITIES ARE INDICATED IN THEIR APPROXIMATE LOCATION. CONTRACTOR TO NOTIFY THE ENGINEER IF ANY OF THE EXISTING STRUCTURES, IMPROVEMENTS, OR UNDERGROUND UTILITY LINES SHOWN ON THE DRAWINGS CONFLICT WITH THE PROPOSED CONSTRUCTION, AND WAIT FOR THE ENGINEER'S DECISION PRIOR TO BEGINNING OF THE WORK.
- KNOWN EXISTING UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATION TO THE BEST OF OUR KNOWLEDGE. CONTRACTOR SHALL EXERCISE CAUTION WHILE EXCAVATING AND PERFORMING CONSTRUCTION IN THE VICINITY OF THE UNDERGROUND LINES. CONTRACTOR SHALL REPLACE AND REPAIR ANY DAMAGE TO THE EXISTING UTILITY LINES AT THE SOLE EXPENSE OF THE CONTRACTOR.
- CONTRACTOR SHALL COORDINATE WITH HOMEOWNERS PRIOR TO REMOVING ANY TREE IN THEIR PROPERTY.
- ALL RESTORATION WORK TO BE COORDINATED WITH PROPERTY OWNER & PREFORMED TO THE SATISFACTION OF THE CITY.
- ACCESS TO SITE LIMITED. CONTRACTOR TO ADJUST CONSTRUCTION EQUIPMENT (SIZE, WEIGHT, TYPE, ETC) ACCORDINGLY.
- RESTORE ALL EXISTING SURFACE IMPROVEMENTS IN-KIND (CONCRETE, PAVERS, ETC). LANDSCAPE IRRIGATION BROKEN OR DAMAGED BY THE CONTRACTOR'S OPERATION SHALL BE REPAIRED WITHIN 48 HOURS. ALL RESTORATION WORK TO BE COORDINATED WITH PROPERTY OWNER & PERFORMED TO THE SATISFACTION OF THE CITY.

LEGEND:

- | | |
|-----|--------------------------|
| --- | APPROXIMATE RIGHT OF WAY |
| --- | PROPERTY LINE |

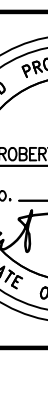


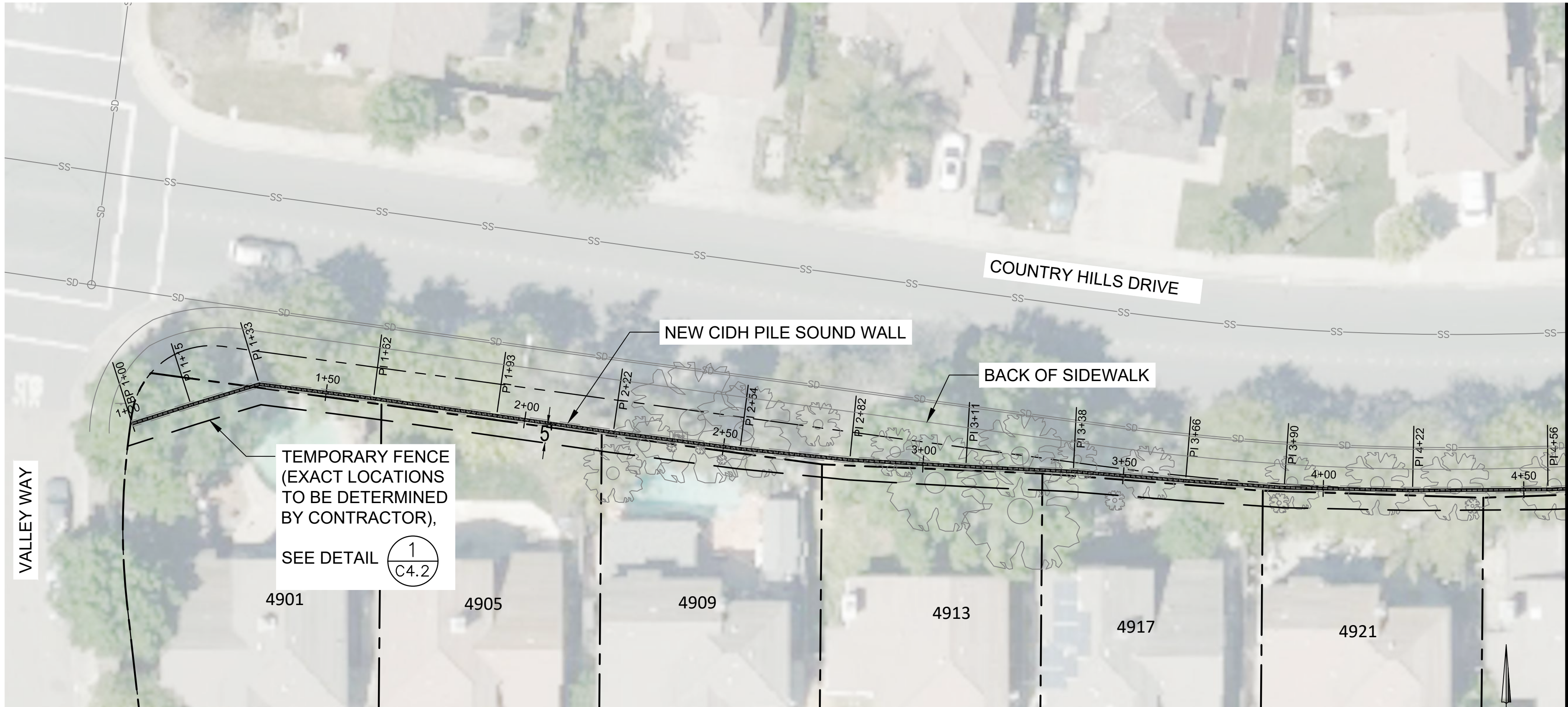
Call Two Working Days Before You Dig!



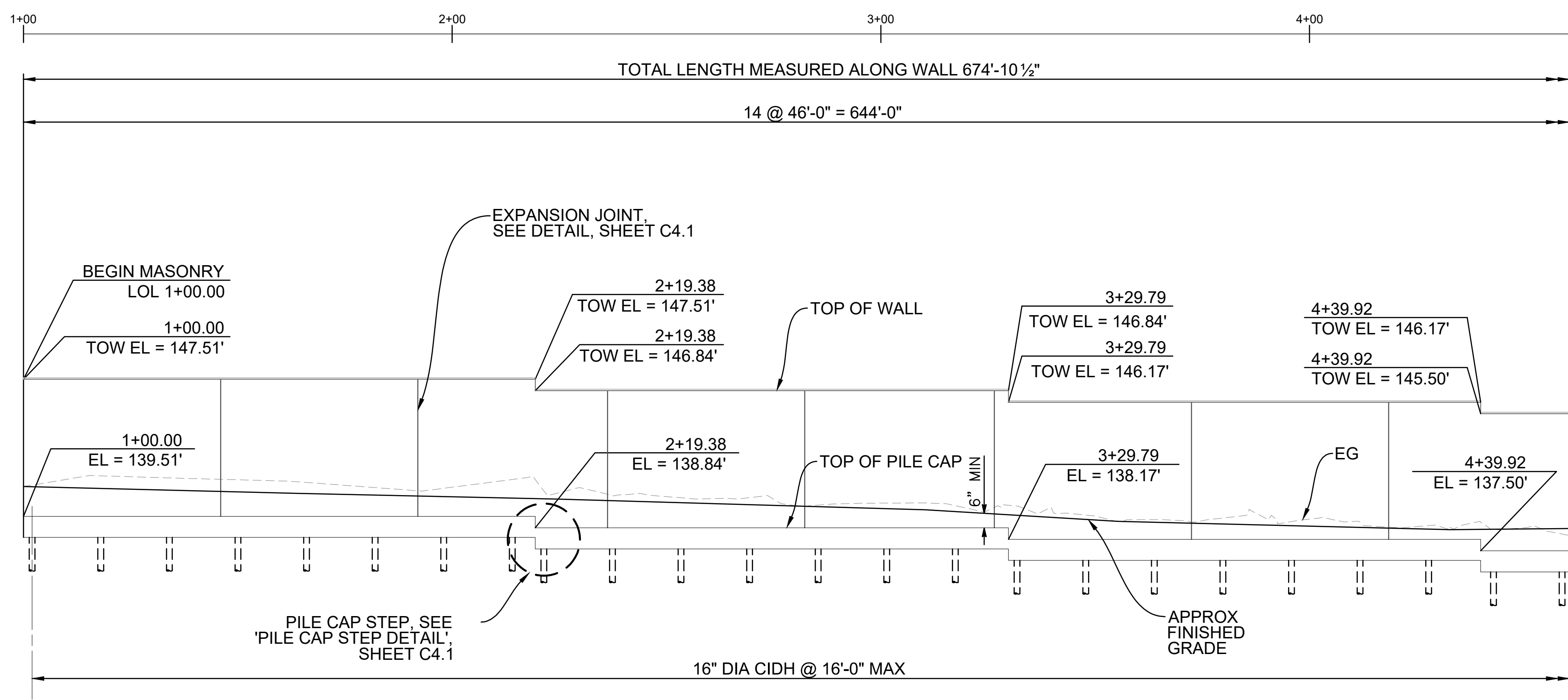
1-800-227-2600

BID SUBMITTAL
AUGUST 3, 2023

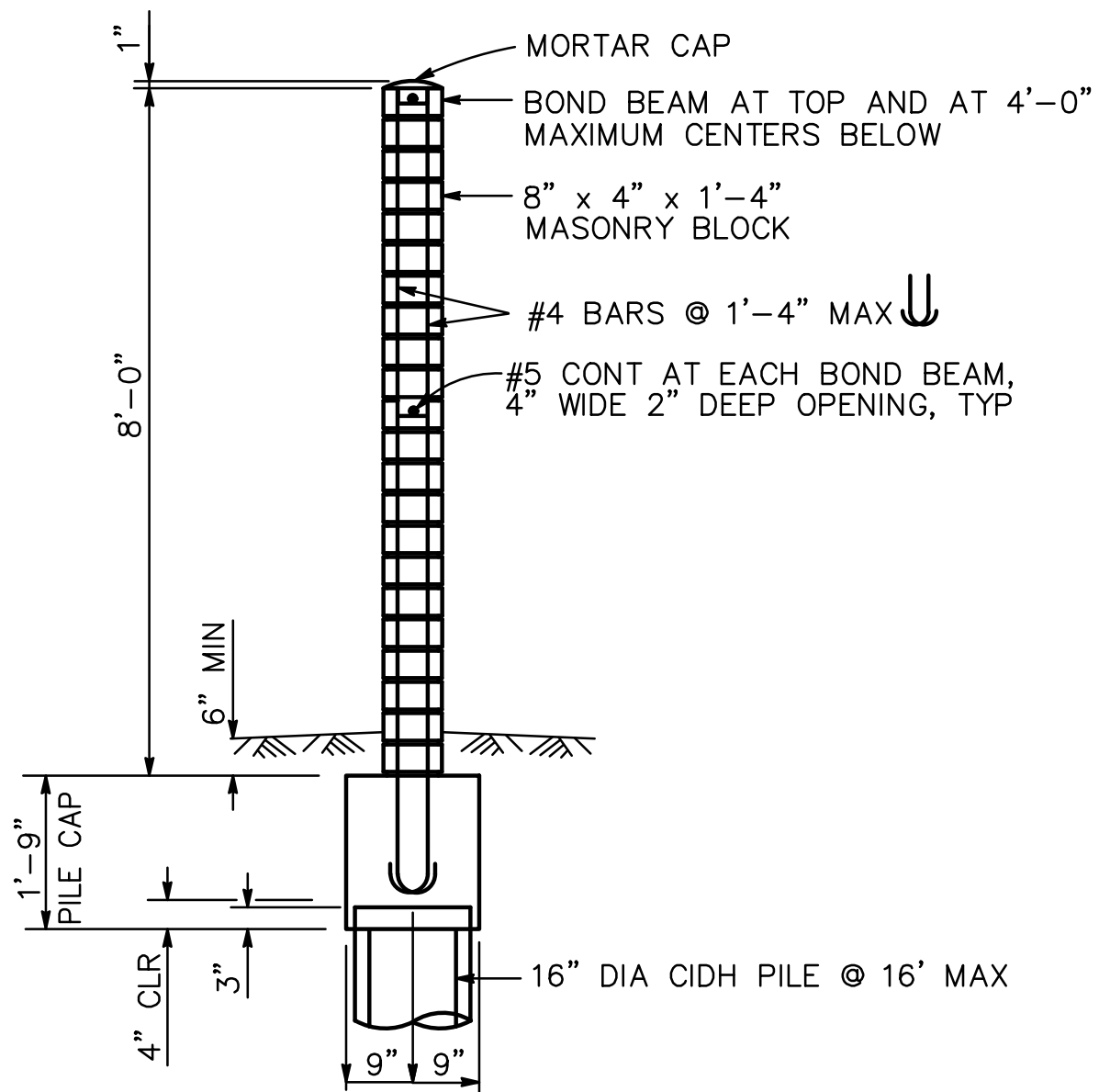
COUNTRY HILLS DRIVE SOUNDWALL REPLACEMENT PROJECT		 CITY OF ANTIOCH 200 H STREET CALIFORNIA 94509 (925)779-7000	 Bellecci a sanderson bellecci co. bellecci.com 925 • 685 • 4569																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
---	--	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



WALL PLAN VIEW
1"=20'



WALL PROFILE
SCALE: 1"=20'
VERTICAL SCALE: 1"=5'



TYPICAL SECTION

SEE SHEET C4.1 AND CALTRANS STANDARD
DETAILS B15-3 - B15-5 "SOUND WALL MASONRY
BLOCK ON PILE CAP" FOR ADDITIONAL DETAILS

DESIGN NOTES:

DESIGN:
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS,
8TH EDITION 2017 WITH CALIFORNIA AMENDMENT,
PREFACE DATE APRIL 2019
TMS 402-16
2019 CALIFORNIA BUILDING CODE

DESIGN WIND LOAD:
36.5 psf

DESIGN SEISMIC LOAD:
0.57 DEAD LOAD

REINFORCED CONCRETE AND
CONCRETE MASONRY:
f_y = 60 ksi
f_c = 3.6 ksi
f_m = 2000 psi*

* PROVIDE MATERIALS TO ACHIEVE
THE NET COMPRESSIVE STRENGTH
OF CONCRETE MASONRY UNIT EQUAL
OR GREATER THAN THE SPECIFIED f_m.

NOTES:

- 1 FOR REMOVALS, SEE "DEMOLITION PLAN".
- 2 FOR PILE SPACING LIMITATIONS, SEE "MASONRY WALL DETAILS", SHEET C4.1
AND CALTRANS STANDARD DETAILS B15-3 - B15-5 "SOUND WALL MASONRY
BLOCK ON PILE CAP".
- 3 EXISTING RESIDENTIAL FENCE SHALL RECONNECT TO THE NEW
MASONRY WALL, SEE "MASONRY WALL DETAILS", SHEET C4.1.
- 4 LOCATIONS OF UTILITIES ARE SHOWN SCHEMATICALLY.
CONTRACTORS SHALL VERIFY EXISTING UTILITY LOCATIONS IN
THE FIELD PRIOR TO CONSTRUCTION.
- 5 CONTRACTOR SHALL INSTALL TEMPORARY FENCE PRIOR TO
EXISTING WALL DEMOLITION. IT IS UP TO THE CONTRACTOR TO
DETERMINE THE LOCATION OF TEMPORARY FENCE TO MINIMIZE
IMPACTS ON OWNERS' PROPERTIES.

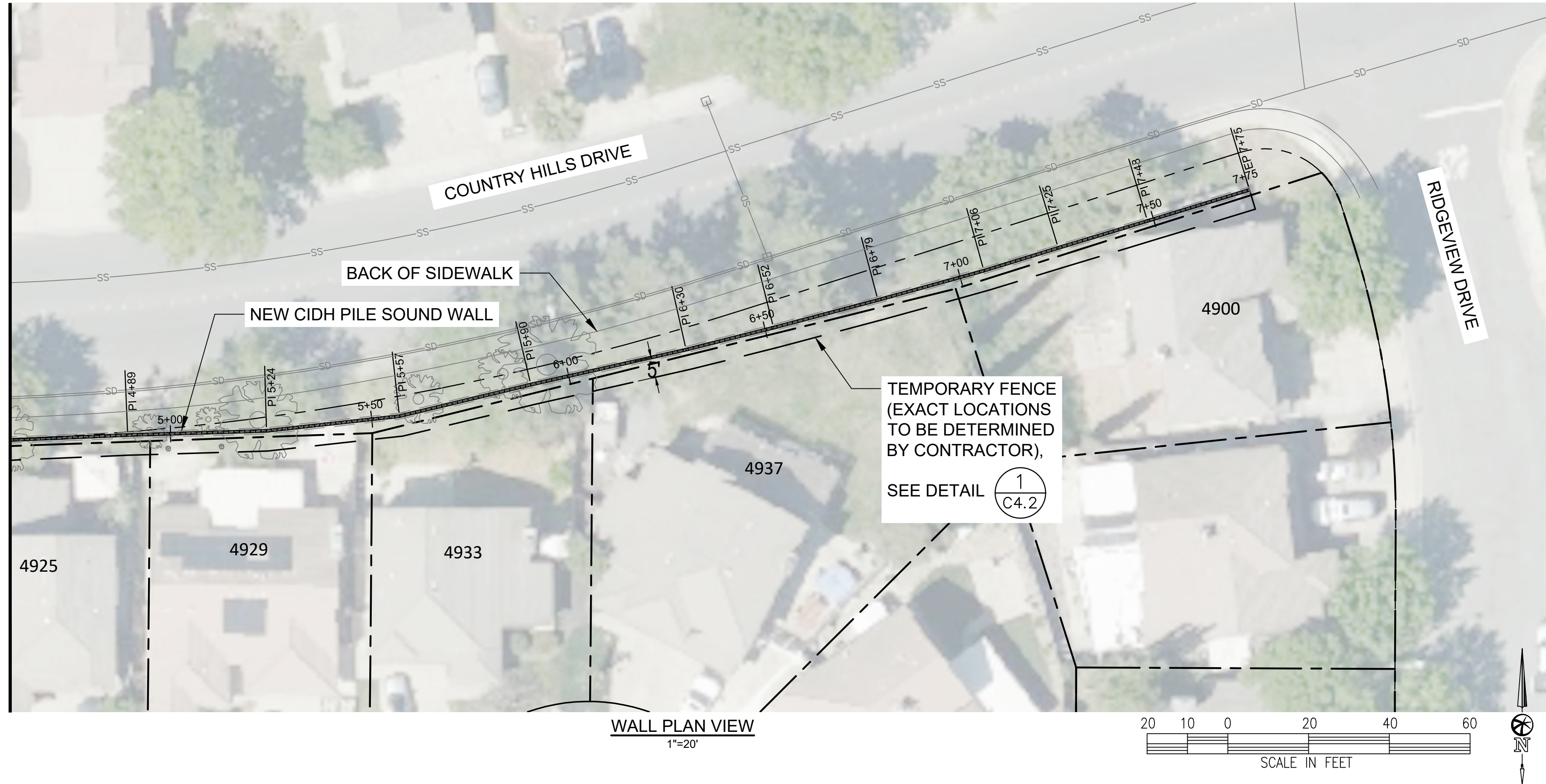
Call Two Working
Days Before You
Dig!



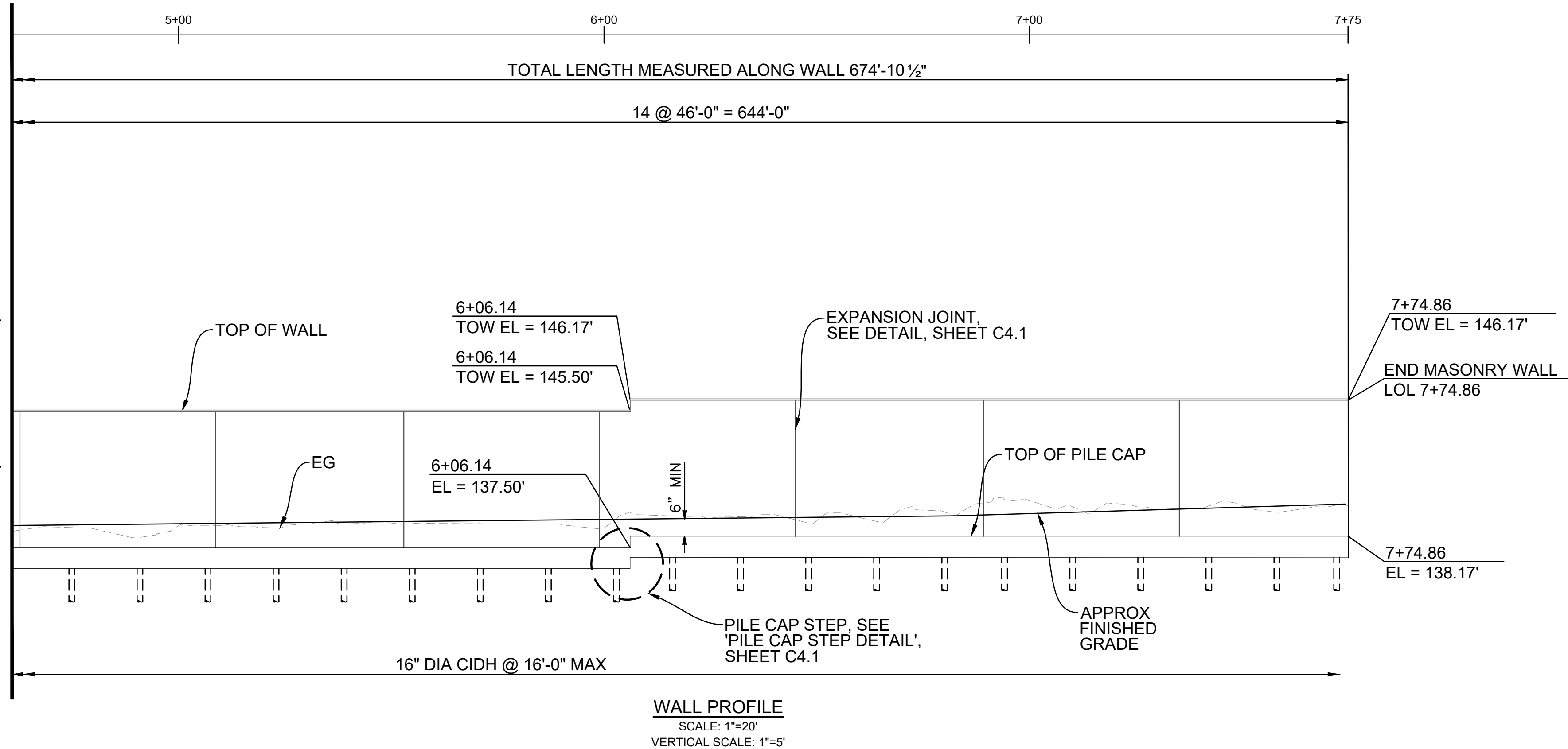
1-800-227-2600

COUNTRY HILLS DRIVE SOUNDWALL REPLACEMENT PROJECT		ANTIOCH	
PLAN & PROFILE STA 1+00 - 4+61		CONTRA COSTA COUNTY	
CALIFORNIA		ANTIOCH	
DWG NO. C3.1	5 OF 9	JOB NO. 220026	
BID SUBMITTAL AUGUST 3, 2023			
Bellecci a sanderson bellecci co. bellecci.com 925 • 685 • 4569		CITY OF ANTIOCH 200 H STREET CALIFORNIA 94509 (925)779-7000	
PROFESSIONAL ROBERT E. BROESTL No. 41828 DATE OF CALIFORNIA 08-03-2023		REVISIONS BY DATE	

MATCHLINE (STATION 4+61): SEE SHEET C3.1



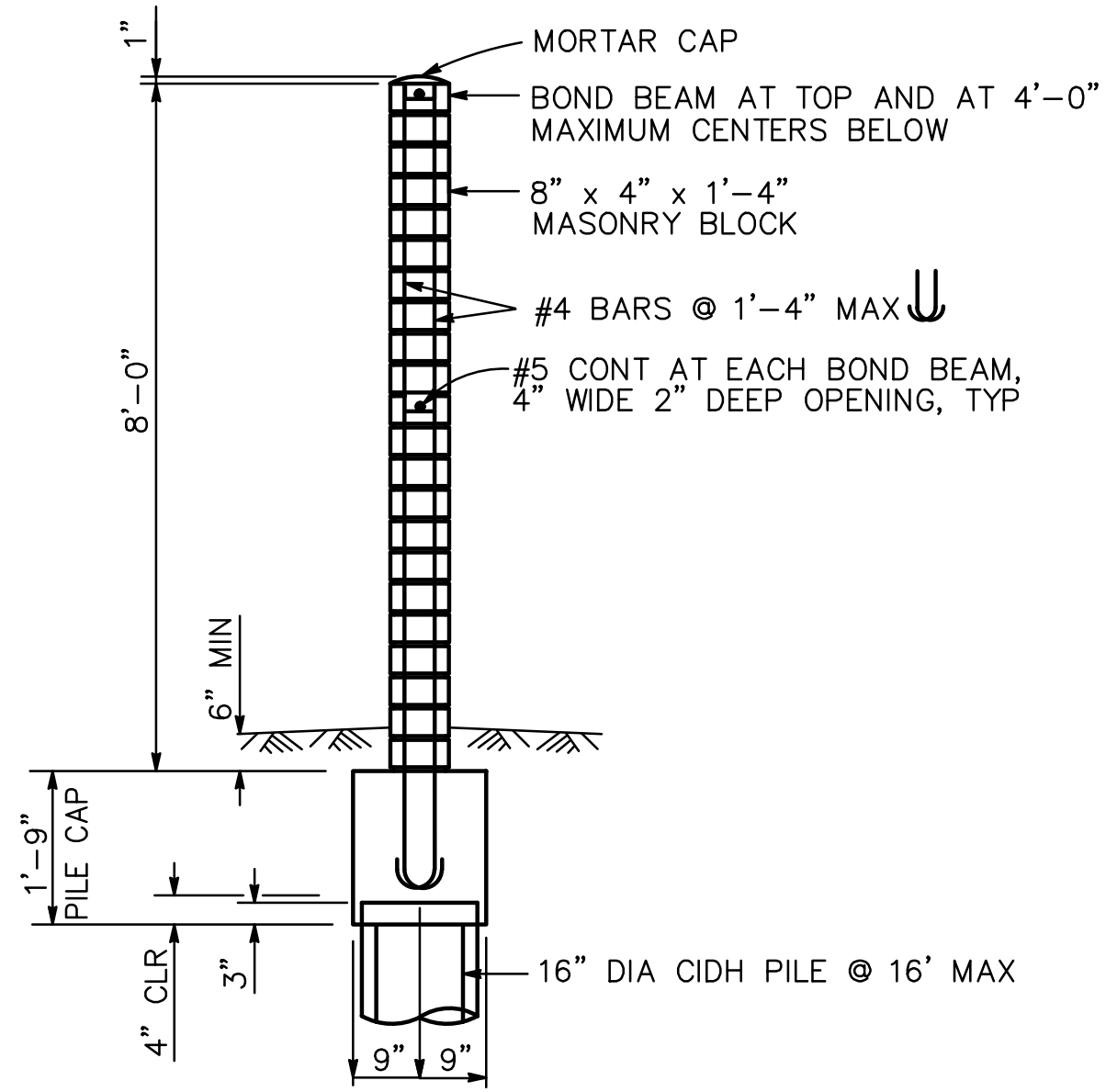
MATCHLINE (STATION 4+61): SEE SHEET C3.1



Call Two Working
Days Before You
Dig!



1-800-227-2600



TYPICAL SECTION

SEE SHEET C4.1 AND CALTRANS STANDARD
DETAILS B15-3 - B15-5 "SOUND WALL MASONRY
BLOCK ON PILE CAP" FOR ADDITIONAL DETAILS

DESIGN NOTES:

DESIGN:
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS,
8TH EDITION 2017 WITH CALIFORNIA AMENDMENT,
PREFACE DATE APRIL 2019
TMS 402-16
2019 CALIFORNIA BUILDING CODE

DESIGN WIND LOAD:
36.5 psf

DESIGN SEISMIC LOAD:
0.57 DEAD LOAD

REINFORCED CONCRETE AND
CONCRETE MASONRY:
f_y = 60 ksi
f_c = 3.6 ksi
f_m = 2000 psi*

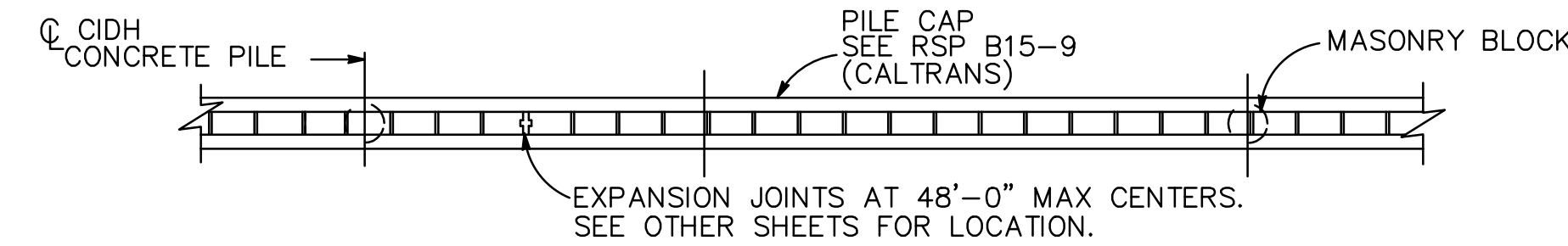
* PROVIDE MATERIALS TO ACHIEVE
THE NET COMPRESSIVE STRENGTH
OF CONCRETE MASONRY UNIT EQUAL
OR GREATER THAN THE SPECIFIED f_m.

NOTES:

- 1 FOR REMOVALS, SEE "DEMOLITION PLAN".
- 2 FOR PILE SPACING LIMITATIONS, SEE "MASONRY WALL DETAILS", SHEET C4.1 AND CALTRANS STANDARD DETAILS B15-3 - B15-5 "SOUND WALL MASONRY BLOCK ON PILE CAP".
- 3 EXISTING RESIDENTIAL FENCE SHALL RECONNECT TO THE NEW MASONRY WALL, SEE "MASONRY WALL DETAILS", SHEET C4.1.
- 4 LOCATIONS OF UTILITIES ARE SHOWN SCHEMATICALLY. CONTRACTORS SHALL VERIFY EXISTING UTILITY LOCATIONS IN THE FIELD PRIOR TO CONSTRUCTION.
- 5 CONTRACTOR SHALL INSTALL TEMPORARY FENCE PRIOR TO EXISTING WALL DEMOLITION. IT IS UP TO THE CONTRACTOR TO DETERMINE THE LOCATION OF TEMPORARY FENCE TO MINIMIZE IMPACTS ON OWNERS' PROPERTIES.

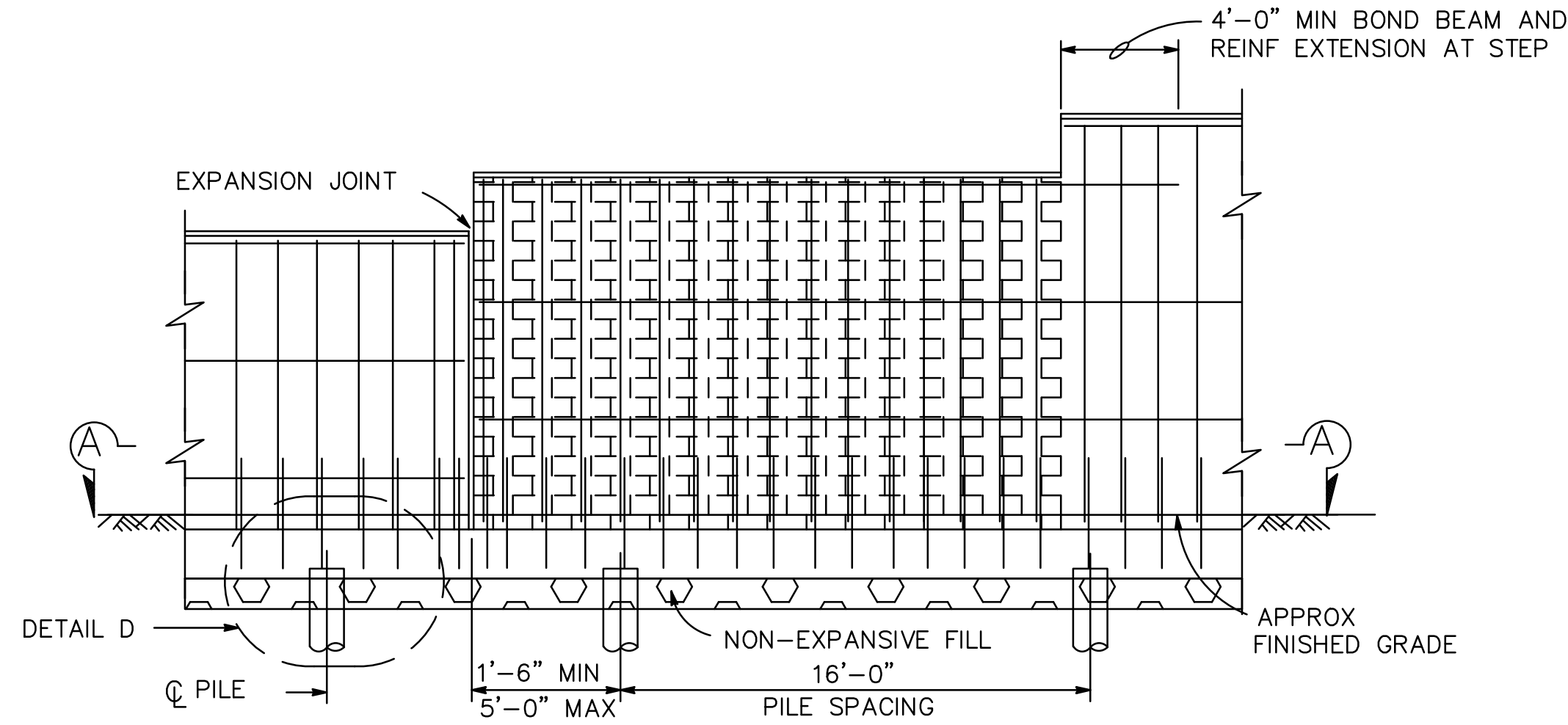
DWG NO.	C3.2	JOB NO.	220206	ANTIOCH	CONTRA COSTA COUNTY	CALIFORNIA	CITY OF ANTIOCH 200 H STREET CALIFORNIA 94509 (925)779-7000		Bellecci a sanderson bellecci co. bellecci.com 925 • 885 • 4569	BY	DATE	REVISIONS

BID SUBMITTAL
AUGUST 3, 2023



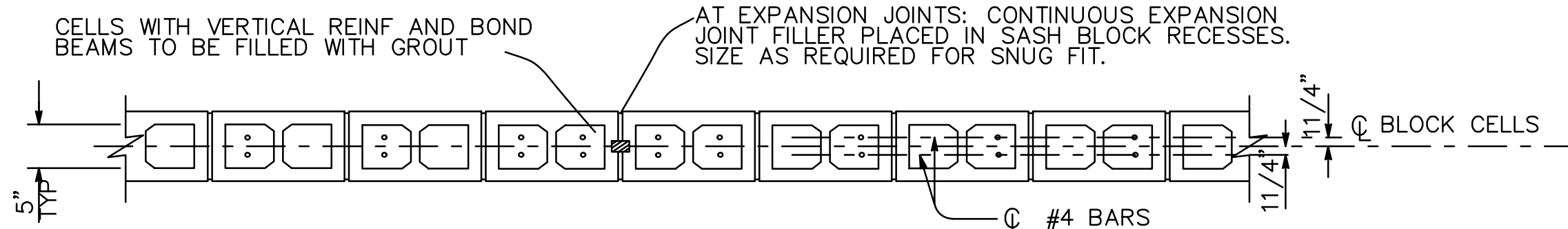
PLAN

NOTE: FOR ADDITIONAL INFORMATION, SEE CALTRANS STANDARD DETAILS B15-3 - B15-5 "SOUND WALL MASONRY BLOCK ON PILE CAP"



ELEVATION

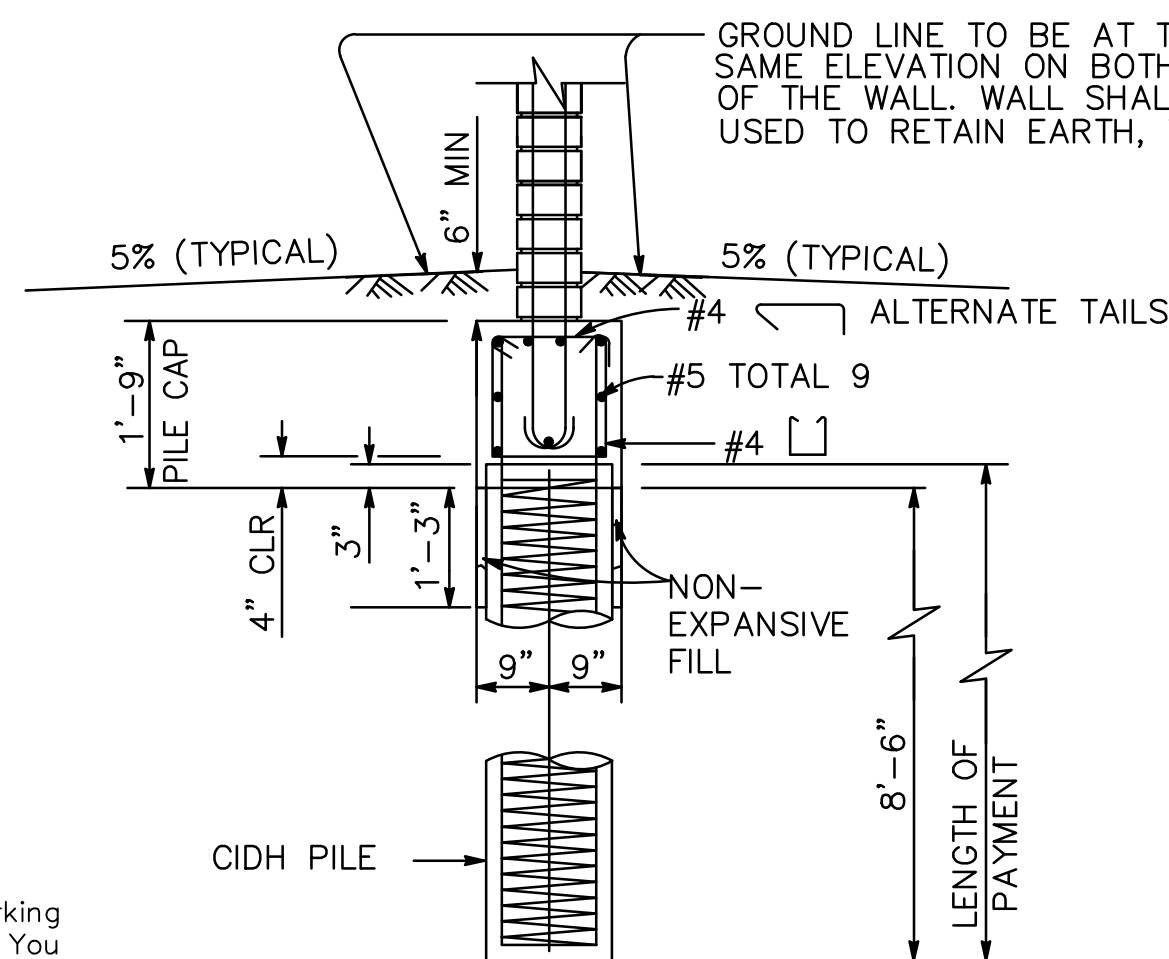
NOTE: FOR ADDITIONAL INFORMATION, SEE CALTRANS STANDARD DETAILS B15-3 - B15-5 "SOUND WALL MASONRY BLOCK ON PILE CAP"



SECTION A-A

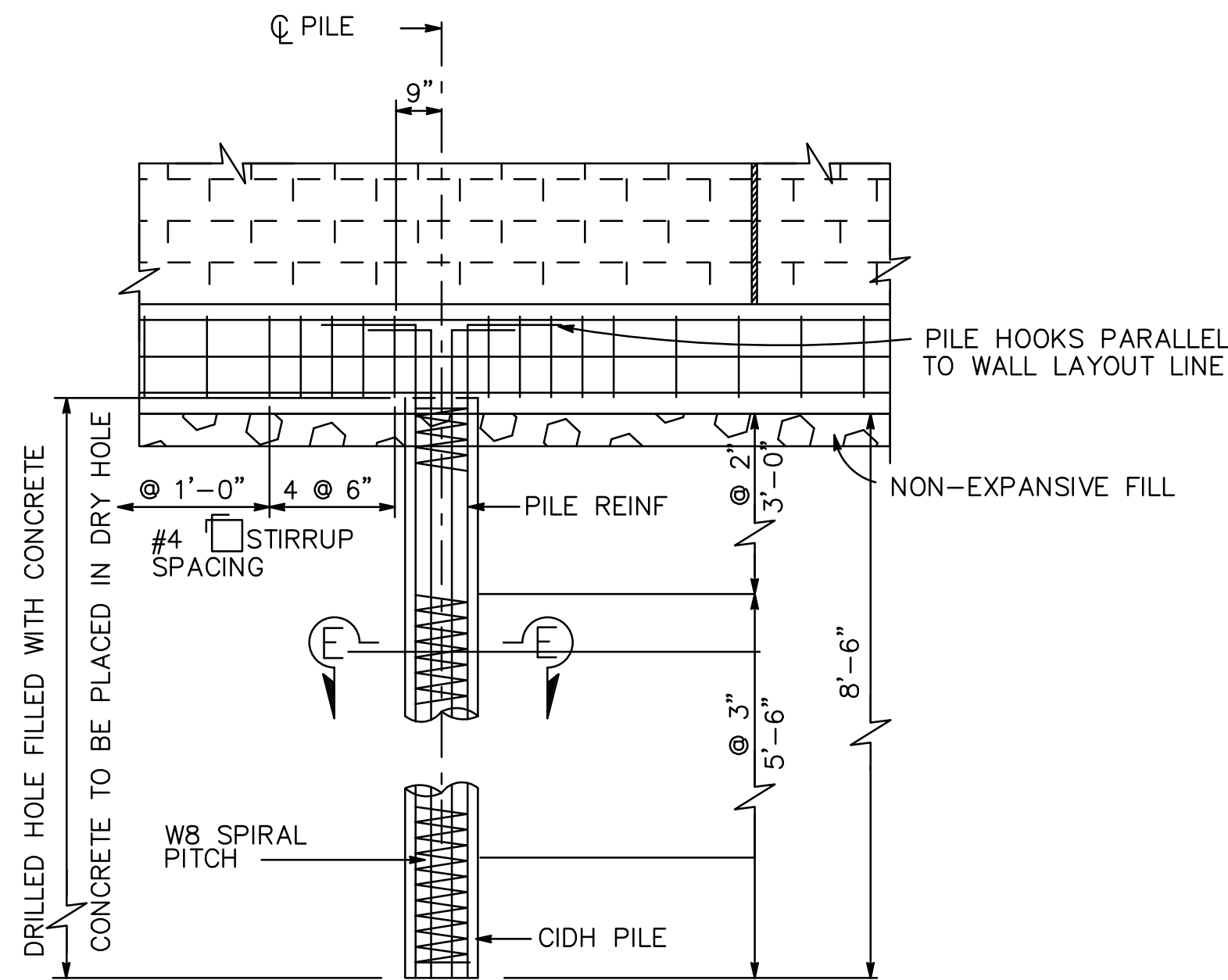
FOR DETAILS NOT SHOWN, SEE OTHER SECTIONS.

NOTE: FOR ADDITIONAL INFORMATION, SEE CALTRANS STANDARD DETAILS B15-3 - B15-5 "SOUND WALL MASONRY BLOCK ON PILE CAP"



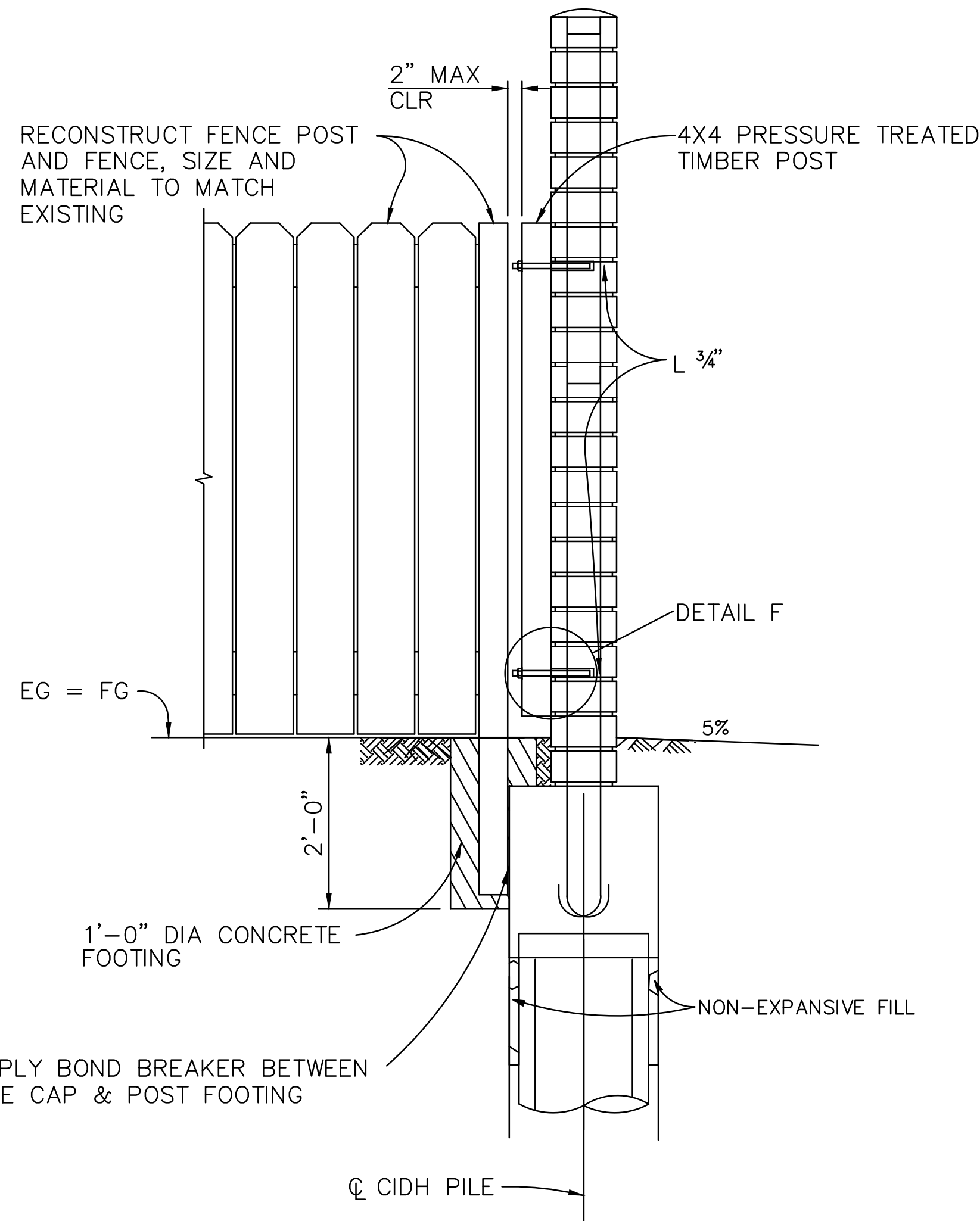
PILE CAP SECTION

NOTE: FOR ADDITIONAL INFORMATION, SEE CALTRANS STANDARD DETAILS B15-3 - B15-5 "SOUND WALL MASONRY BLOCK ON PILE CAP"

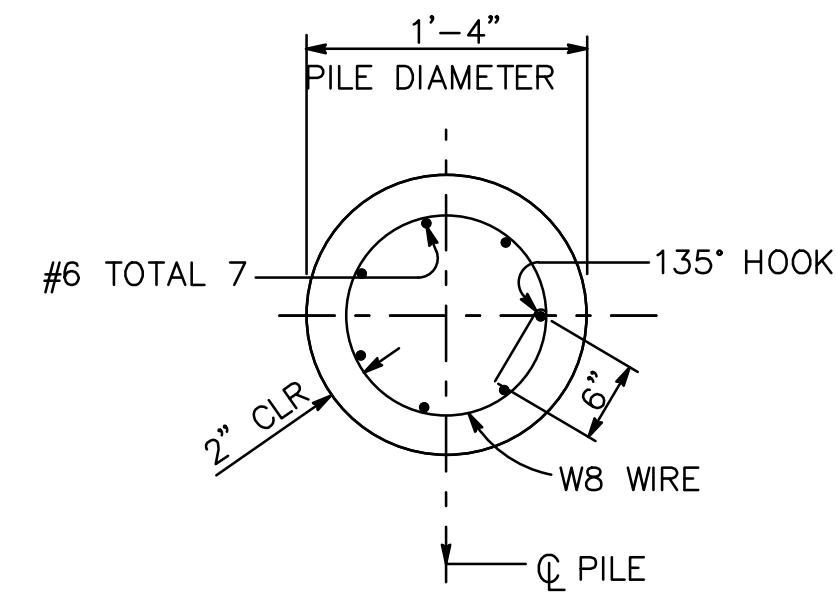


DETAIL D

NOTE: FOR ADDITIONAL INFORMATION, SEE CALTRANS STANDARD DETAILS B15-3 - B15-5 "SOUND WALL MASONRY BLOCK ON PILE CAP"

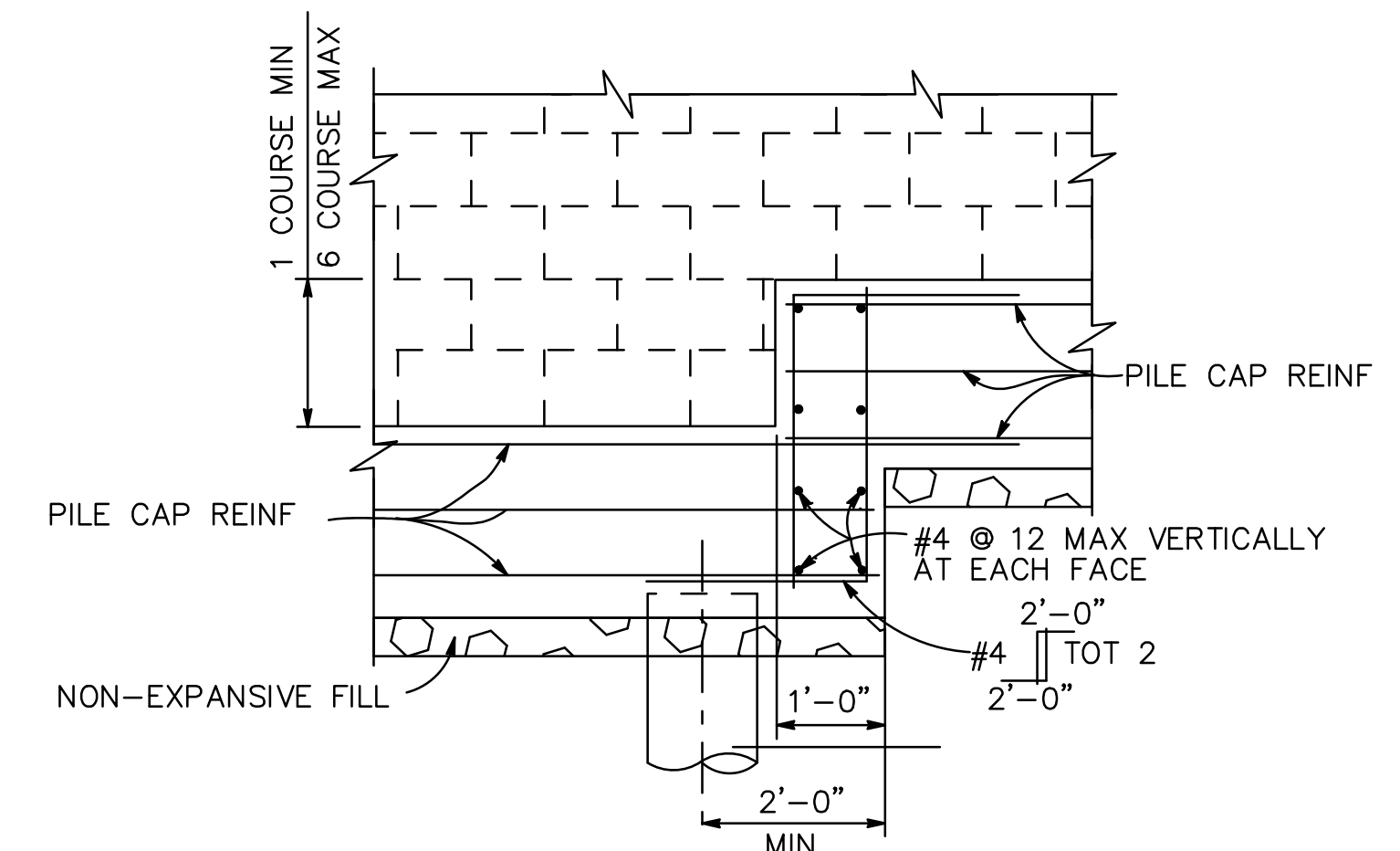


FENCE-WALL CONNECTION DETAIL



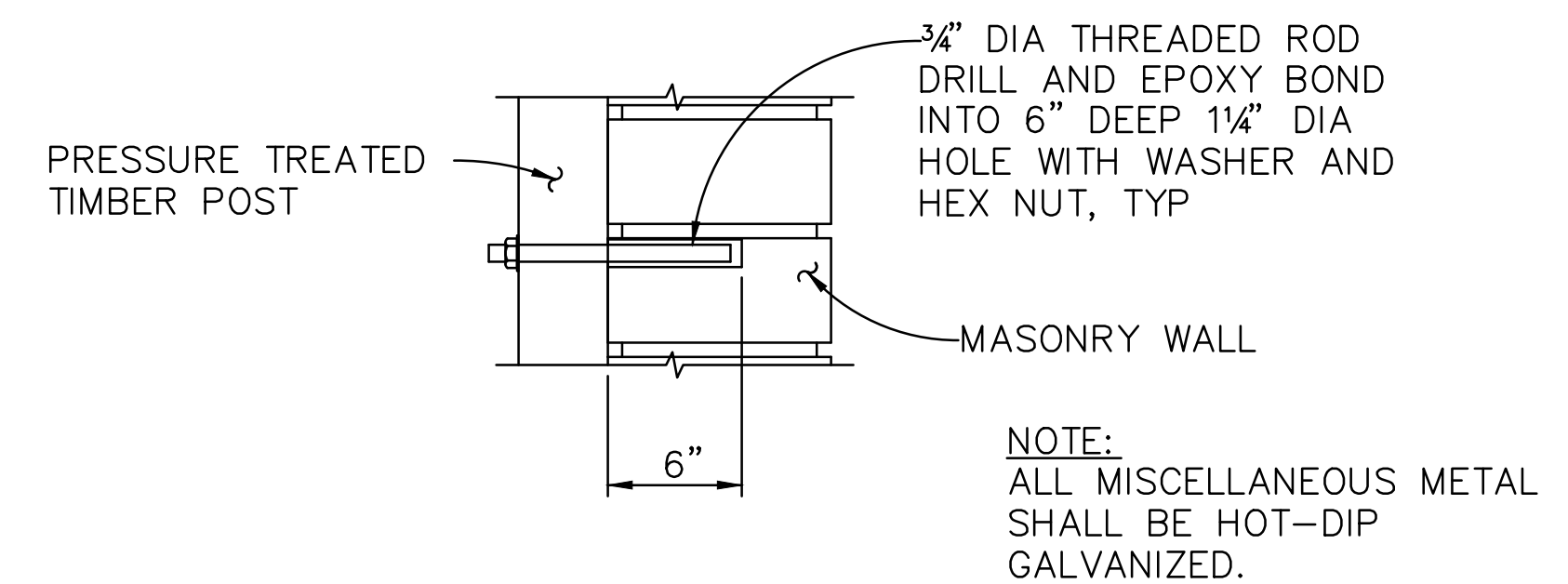
SECTION E-E

NOTE: FOR ADDITIONAL INFORMATION, SEE CALTRANS STANDARD DETAILS B15-3 - B15-5 "SOUND WALL MASONRY BLOCK ON PILE CAP"



PILE CAP STEP DETAIL

NOTE: FOR ADDITIONAL INFORMATION, SEE CALTRANS STANDARD DETAILS B15-3 - B15-5 "SOUND WALL MASONRY BLOCK ON PILE CAP"



DETAIL F

Call Two Working Days Before You Dig!

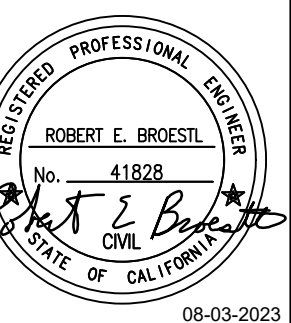


1-800-227-2600

REVISIONS	DATE	BY

Bellecci
a sanderson bellecci co.
bellecci.com
925 • 685 • 4569

CITY OF ANTIOCH
200 H STREET
CALIFORNIA 94509
(925)779-7000



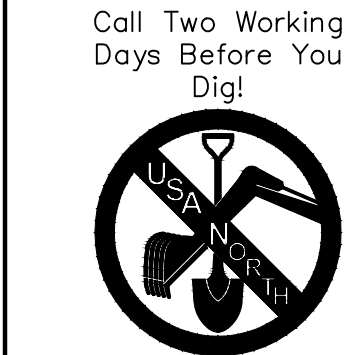
COUNTRY HILLS DRIVE SOUNDWALL REPLACEMENT PROJECT
CALIFORNIA

CIVIL DETAILS
CONTRA COSTA COUNTY

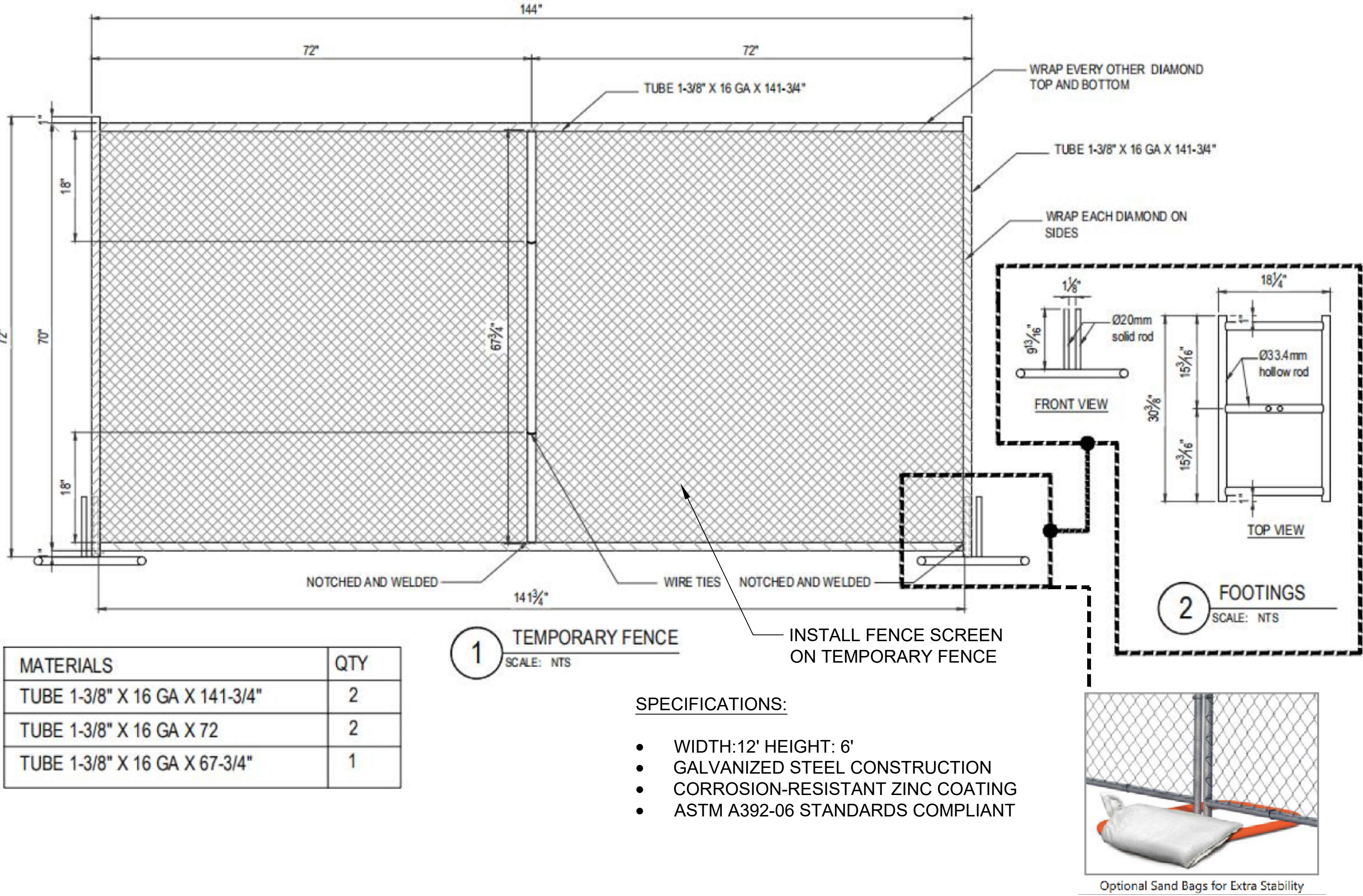
ANTIOCH

DWG NO. C4.1
7 OF 9
JOB NO. 220026

BID SUBMITTAL
AUGUST 3, 2023



1-800-227-2600



MATERIALS	QTY
TUBE 1-3/8" X 16 GA X 141-3/4"	2
TUBE 1-3/8" X 16 GA X 72	2
TUBE 1-3/8" X 16 GA X 67-3/4"	1

1 TEMPORARY FENCE
SCALE: NTS

SPECIFICATIONS:

- WIDTH:12' HEIGHT: 6'
- GALVANIZED STEEL CONSTRUCTION
- CORROSION-RESISTANT ZINC COATING
- ASTM A392-06 STANDARDS COMPLIANT

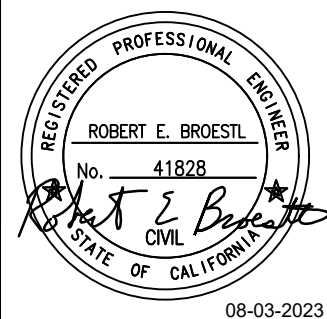
INSTALL FENCE SCREEN
ON TEMPORARY FENCE

1 TEMPORARY FENCE

BID SUBMITTAL
AUGUST 3, 2023

DWG NO.
C4.2
8 OF 9
JOB NO.
220026

COUNTRY HILLS DRIVE SOUNDWALL REPLACEMENT PROJECT
CIVIL DETAILS
ANTIOCH
CONTRA COSTA COUNTY
CALIFORNIA



CITY OF ANTIOCH
200 H STREET
CALIFORNIA 94509
(925)779-7000

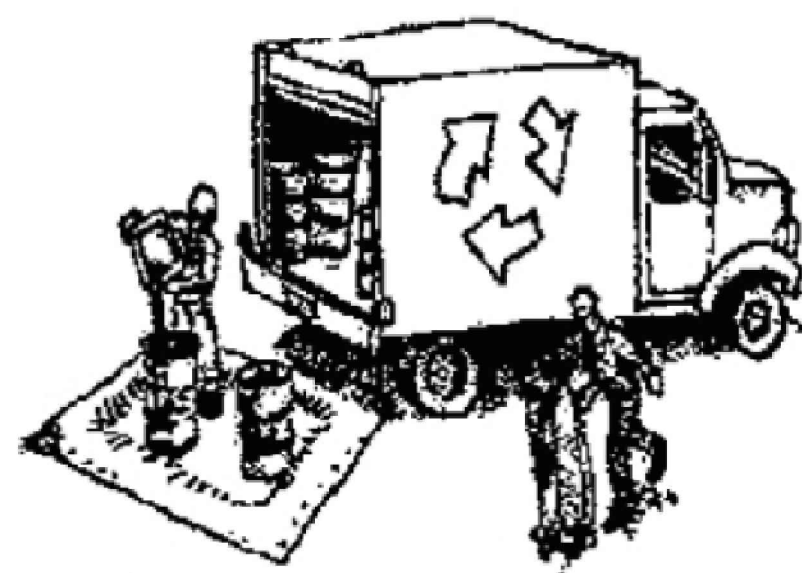


BY	DATE	REVISIONS

Construction Best Management Practices (BMPs)

Construction projects are required to implement the stormwater best management practices (BMP) on this page, as they apply to your project, all year long.

Materials & Waste Management



Non-Hazardous Materials

- ❑ Berm and cover stockpiles of sand, dirt or other construction material with tarps when rain is forecast or if not actively being used within 14 days.
- ❑ Use (but don't overuse) reclaimed water for dust control.

Hazardous Materials

- ❑ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, county, state and federal regulations.
- ❑ Store hazardous materials and wastes in water tight containers, store in appropriate secondary containment, and cover them at the end of every work day or during wet weather or when rain is forecast.
- ❑ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ❑ Arrange for appropriate disposal of all hazardous wastes.

Waste Management

- ❑ Cover waste disposal containers securely with tarps at the end of every work day and during wet weather.
- ❑ Check waste disposal containers frequently for leaks and to make sure they are not overfilled. Never hose down a dumpster on the construction site.
- ❑ Clean or replace portable toilets, and inspect them frequently for leaks and spills.
- ❑ Dispose of all wastes and debris properly. Recycle materials and wastes that can be recycled (such as asphalt, concrete, aggregate base materials, wood, gyp board, pipe, etc.)
- ❑ Dispose of liquid residues from paints, thinners, solvents, glues, and cleaning fluids as hazardous waste.

Construction Entrances and Perimeter

- ❑ Establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from site and tracking off site.
- ❑ Sweep or vacuum any street tracking immediately and secure sediment source to prevent further tracking. Never hose down streets to clean up tracking.

Equipment Management & Spill Control



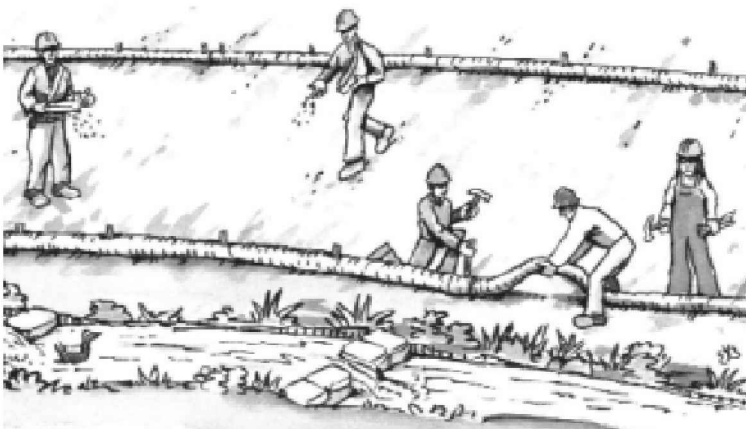
Maintenance and Parking

- ❑ Designate an area, fitted with appropriate BMPs, for vehicle and equipment parking and storage.
- ❑ Perform major maintenance, repair jobs, and vehicle and equipment washing off site.
- ❑ If refueling or vehicle maintenance must be done onsite, work in a bermed area away from storm drains and over a drip pan or drop cloths big enough to collect fluids. Recycle or dispose of fluids as hazardous waste.
- ❑ If vehicle or equipment cleaning must be done onsite, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or surface waters.
- ❑ Do not clean vehicle or equipment onsite using soaps, solvents, degreasers, or steam cleaning equipment.

Spill Prevention and Control

- ❑ Keep spill cleanup materials (e.g., rags, absorbents and cat litter) available at the construction site at all times.
- ❑ Inspect vehicles and equipment frequently for and repair leaks promptly. Use drip pans to catch leaks until repairs are made.
- ❑ Clean up spills or leaks immediately and dispose of cleanup materials properly.
- ❑ Do not hose down surfaces where fluids have spilled. Use dry cleanup methods (absorbent materials, cat litter, and/or rags).
- ❑ Sweep up spilled dry materials immediately. Do not try to wash them away with water, or bury them.
- ❑ Clean up spills on dirt areas by digging up and properly disposing of contaminated soil.
- ❑ Report significant spills immediately. You are required by law to report all significant releases of hazardous materials, including oil. To report a spill: 1) Dial 911 or your local emergency response number, 2) Call the Governor's Office of Emergency Services Warning Center, (800) 852-7550 (24 hours).

Earthmoving



- ❑ Schedule grading and excavation work during dry weather.
- ❑ Stabilize all denuded areas, install and maintain temporary erosion controls (such as erosion control fabric or bonded fiber matrix) until vegetation is established.
- ❑ Remove existing vegetation only when absolutely necessary, and seed or plant vegetation for erosion control on slopes or where construction is not immediately planned.
- ❑ Prevent sediment from migrating offsite and protect storm drain inlets, gutters, ditches, and drainage courses by installing and maintaining appropriate BMPs, such as fiber rolls, silt fences, sediment basins, gravel bags, berms, etc.
- ❑ Keep excavated soil on site and transfer it to dump trucks on site, not in the streets.

Contaminated Soils

- ❑ If any of the following conditions are observed, test for contamination and contact the Regional Water Quality Control Board:
 - Unusual soil conditions, discoloration, or odor.
 - Abandoned underground tanks.
 - Abandoned wells
 - Buried barrels, debris, or trash.

Paving/Asphalt Work



- ❑ Avoid paving and seal coating in wet weather or when rain is forecast, to prevent materials that have not cured from contacting stormwater runoff.
- ❑ Cover storm drain inlets and manholes when applying seal coat, tack coat, slurry seal, fog seal, etc.
- ❑ Collect and recycle or appropriately dispose of excess abrasive gravel or sand. Do NOT sweep or wash it into gutters.
- ❑ Do not use water to wash down fresh asphalt concrete pavement.

Sawcutting & Asphalt/Concrete Removal

- ❑ Protect nearby storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or gravel bags to keep slurry out of the storm drain system.
- ❑ Shovel, absorb, or vacuum saw-cut slurry and dispose of all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner!).
- ❑ If sawcut slurry enters a catch basin, clean it up immediately.

Concrete, Grout & Mortar Application



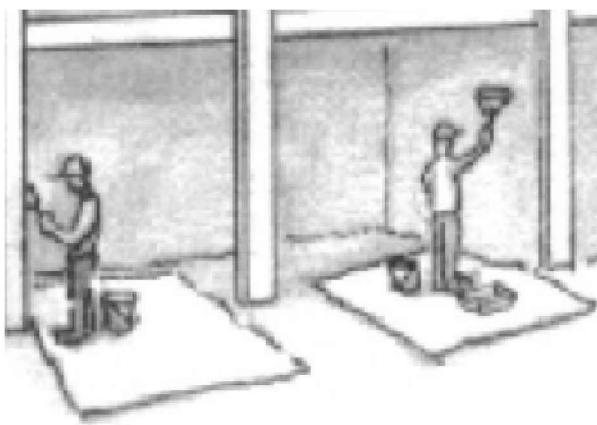
- ❑ Store concrete, grout, and mortar away from storm drains or waterways, and on pallets under cover to protect them from rain, runoff, and wind.
- ❑ Wash out concrete equipment/trucks offsite or in a designated washout area, where the water will flow into a temporary waste pit, and in a manner that will prevent leaching into the underlying soil or onto surrounding areas. Let concrete harden and dispose of as garbage.
- ❑ When washing exposed aggregate, prevent washwater from entering storm drains. Block any inlets and vacuum gutters, hose washwater onto dirt areas, or drain onto a bermed surface to be pumped and disposed of properly.

Landscaping



- ❑ Protect stockpiled landscaping materials from wind and rain by storing them under tarps all year-round.
- ❑ Stack bagged material on pallets and under cover.
- ❑ Discontinue application of any erodible landscape material within 2 days before a forecast rain event or during wet weather.

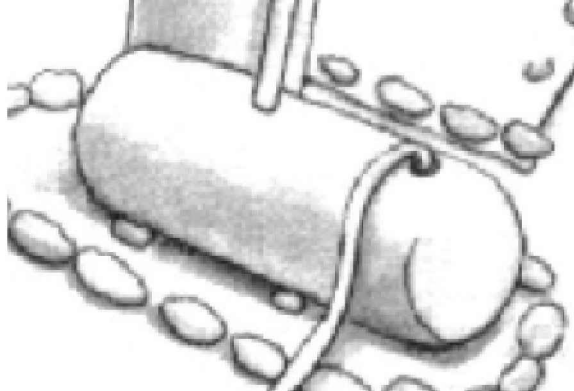
Painting & Paint Removal



Painting Cleanup and Removal

- ❑ Never clean brushes or rinse paint containers into a street, gutter, storm drain, or stream.
- ❑ For water-based paints, paint out brushes to the extent possible, and rinse into a drain that goes to the sanitary sewer. Never pour paint down a storm drain.
- ❑ For oil-based paints, paint out brushes to the extent possible and clean with thinner or solvent in a proper container. Filter and reuse thinners and solvents. Dispose of excess liquids as hazardous waste.
- ❑ Paint chips and dust from non-hazardous dry stripping and sand blasting may be swept up or collected in plastic drop cloths and disposed of as trash.
- ❑ Chemical paint stripping residue and chips and dust from marine paints or paints containing lead, mercury, or tributyltin must be disposed of as hazardous waste. Lead based paint removal requires a state-certified contractor.

Dewatering



- ❑ Discharges of groundwater or captured runoff from dewatering operations must be properly managed and disposed. When possible send dewatering discharge to landscaped area or sanitary sewer. If discharging to the sanitary sewer call your local wastewater treatment plant.
- ❑ Divert run-on water from offsite away from all disturbed areas.
- ❑ When dewatering, notify and obtain approval from the local municipality before discharging water to a street gutter or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.
- ❑ In areas of known or suspected contamination, call your local agency to determine whether the ground water must be tested. Pumped groundwater may need to be collected and hauled off-site for treatment and proper disposal.

Storm drain polluters may be liable for fines of up to \$10,000 per day!

Call Two Working Days Before You Dig!



1-800-227-2600

COUNTRY HILLS DRIVE SOUNDWALL REPLACEMENT PROJECT				CONSTRUCTION BEST MANAGEMENT PRACTICES			
ANTIOCH				CONTRA COSTA COUNTY			
CALIFORNIA				CALIFORNIA			
DWG NO.	C5.1	JOB NO.	220026	BID SUBMITTAL			
9 OF 9				AUGUST 3, 2023			
REVISIONS				DATE			
BY				DATE			
Bellecci				a sanderson bellecci co.			
925 • 685 • 4569				bellecci.com			
CITY OF ANTIOCH				200 H STREET			
CALIFORNIA 94509				(925) 779-7000			
PROFESSIONAL SEAL				08-03-2023			
ROBERT E. BRYSTL				No. 41828			
STATE OF CALIFORNIA				CIVIL ENGINEER			