

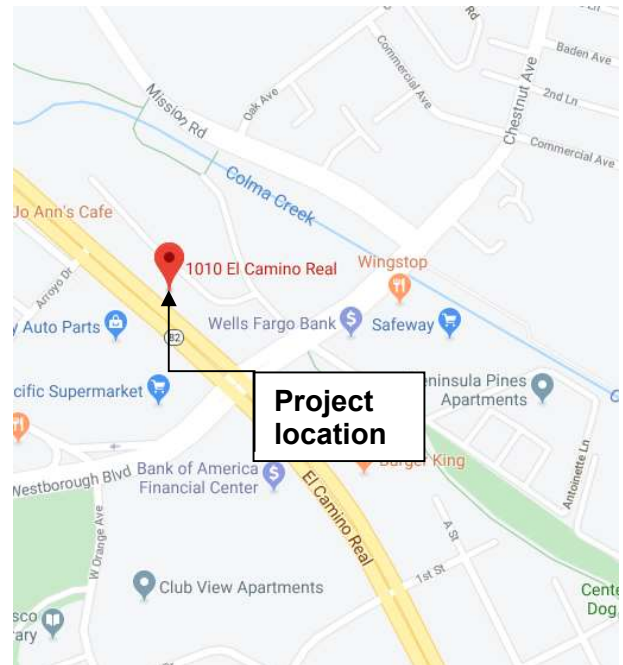
Exhibit A1

Airspace Lease Agreement
Temporary Tieback
04-SM-82-5004
PM 20.7

1010 El Camino Real
South San Francisco, CA
94080



Vicinity Map



Location Map

INDEX OF PLANS

SHEET No.	DESCRIPTION
CT0.0	CALTRANS COVER SHEET
CT1.0	GENERAL NOTES
CT1.1	TYPICAL DETAIL
CT1.2	GEOTECH REVIEW LETTER
CT2.0	SHORING PLAN
CT2.1	SHORING PLAN ZONE A (WEST)
CT2.2	SHORING PLAN ZONE B (EAST)
CT3.0	ELEVATIONS AND SECTIONS

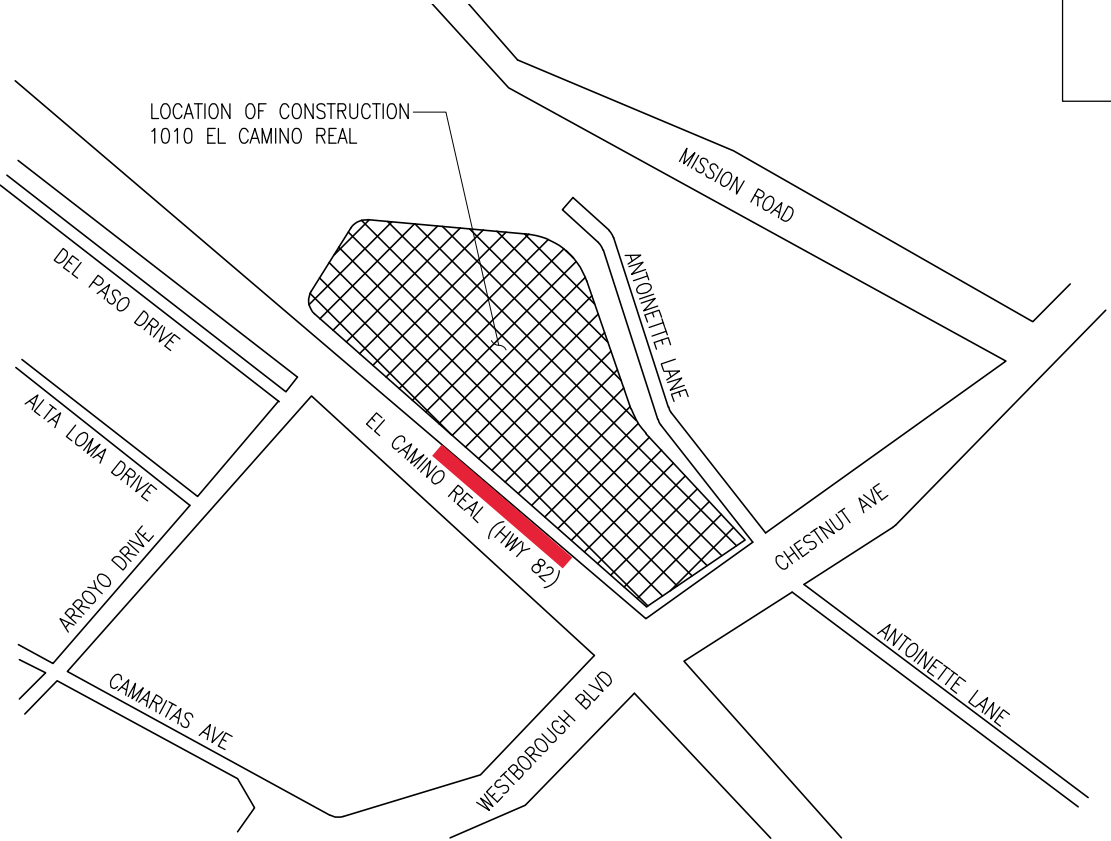
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
EL CAMINO REAL – HWY 82
POSTMILE = SM 20.738

IN SAN MATEO COUNTY
IN SOUTH SAN FRANCISCO
AT 1010 EL CAMINO REAL

EXHIBIT A2

Lease Area 04-SM-82-5004 (Premises)
Encroachment Area Highlighted in Red.



NO SCALE

PREPARED BY:

TR Tuan & Robinson
Structural Engineers, Inc.
444 Spear Street, Suite 101
San Francisco, California 94105
TEL 415 957 2480 FAX 415 957 2483

EUGENE TUAN 10/01/19
PRINCIPAL ENGINEER DATE
REGISTERED STRUCTURAL
ENGINEER

PLANS APPROVAL DATE
THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF
SCANNED COPIES OF THIS PLAN SHEET.



CONTRACT No.	
PROJECT ID	2019.123.00

UNIT PROJECT NUMBER & PHASE

PROJECT MANAGER	MICHAEL STULTS
DESIGN ENGINEER	SIMON NG

RELATIVE BORDER SCALE
IS IN INCHES



USERNAME: sn
FILE NAME: L:\Projects\2019\2019-123.00\dwg\CT0.0.dwg

DATE PLOTTED: 16-October-2019
TIME PLOTTED: 09:54

LAST REVISION



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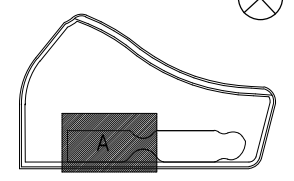
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SEALS AND SIGNATURES



KEYPLAN



SHEET TITLE

SHORING PLAN
ZONE A (WEST)
CALTRANS SUBMITTAL

2019.123.00

CT2.1

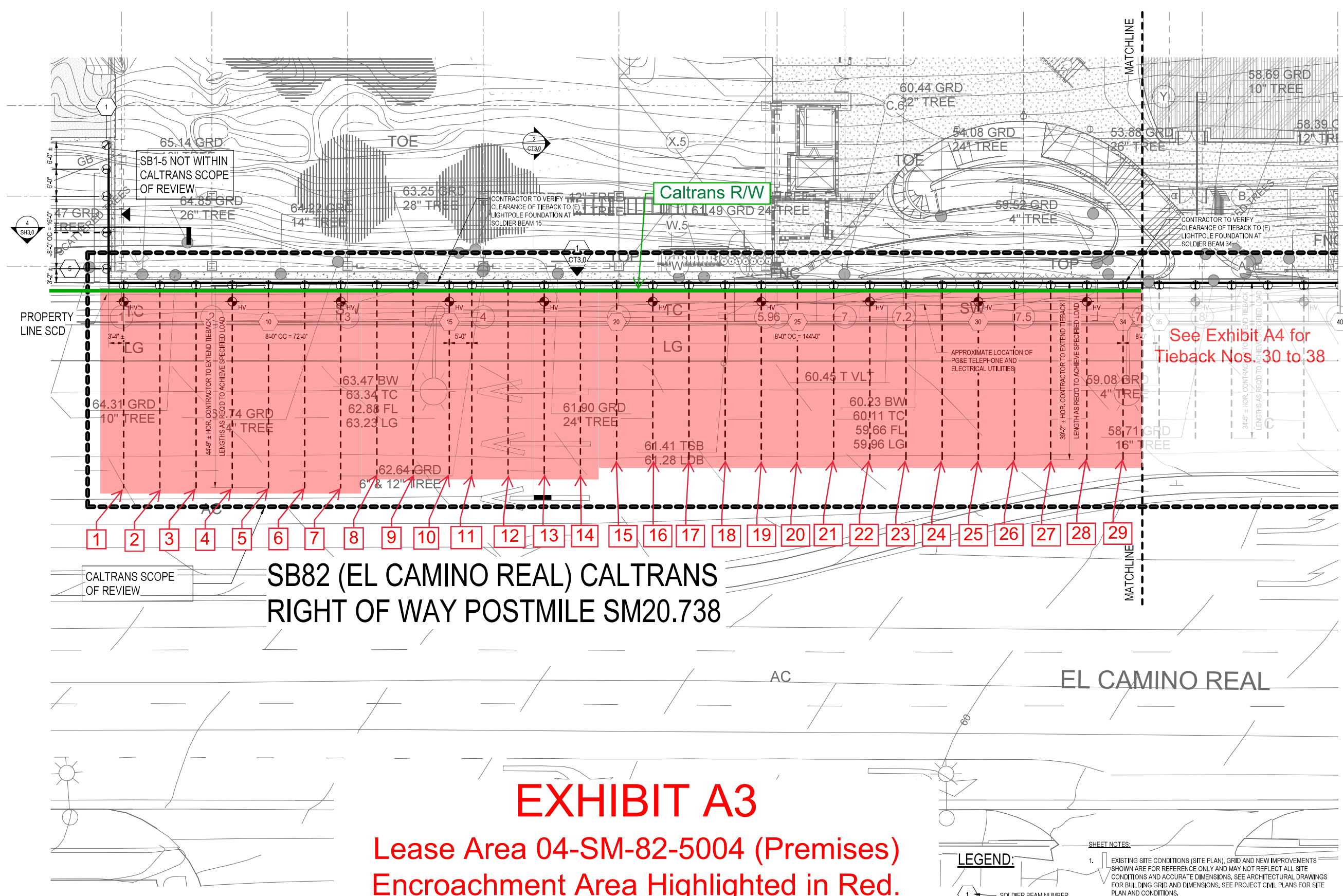


EXHIBIT A3

Lease Area 04-SM-82-5004 (Premises)
Encroachment Area Highlighted in Red.

1 SHORING PLAN ZONE A (WEST)
CALTRANS SUBMITTAL 1" = 10'-0"

LEGEND:

-
- 1
- SOLDIER BEAM NUMBER
- TEMPORARY TIEBACK
- SOLDIER BEAM

 HORIZONTAL AND VERTICAL
MONITORING POINT AT TOP OF
STEEL, SEE GENERAL NOTES

SHEET NOTES:

1. EXISTING SITE CONDITIONS (SITE PLAN), GRID AND NEW IMPROVEMENTS SHOWN ARE FOR REFERENCE ONLY AND MAY NOT REFLECT ALL SITE CONDITIONS AND ACCURATE DIMENSIONS. SEE ARCHITECTURAL DRAWINGS FOR BUILDING GRID AND DIMENSIONS. SEE PROJECT CIVIL PLANS FOR SITE PLAN AND CONDITIONS.
2. EXISTING UTILITIES SHOWN ON THIS PLAN ARE BASED ON RECORD LOCATIONS SHOWN ON THE SITE TOPOGRAPHICAL SURVEY. ADDITIONAL UTILITIES MAY BE PRESENT. THE GENERAL CONTRACTOR SHALL CONFIRM AND/OR DETERMINE THE LOCATION OF ALL UTILITIES AND SHORING CLEARANCE PRIOR TO PROCEEDING WITH SHORING OPERATIONS.
3. (E) UTILITIES TO BE ABANDONED AND IN CONFLICT WITH (H) SHORING SHALL BE REMOVED BY GENERAL CONTRACTOR PRIOR TO SHORING INSTALLATION.
4. UTILITY CONTRACTOR TO LIMIT EXCAVATION OR PROVIDE TRENCH SHORING AS REQUIRED TO PREVENT MOVEMENT OF TIEBACK AND SOLDIER BEAM INTO UTILITY EXCAVATION.

1" 1/2" 1" 2"

ORIGINAL SCALE: IF LESS DRAWINGS HAVE BEEN REDUCED

Plot Date: 12/17/2019 3:55:00 PM Author



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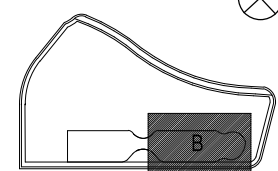
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SEALS AND SIGNATURES



KEYPLAN



SHEET TITLE

SHEET TITLE

SHORING PLAN
ZONE B (EAST)
CALTRANS SUBMITTAL

PROJECT NUMBER _____

2019.123.00

SHEET NUMBER

CT2.2

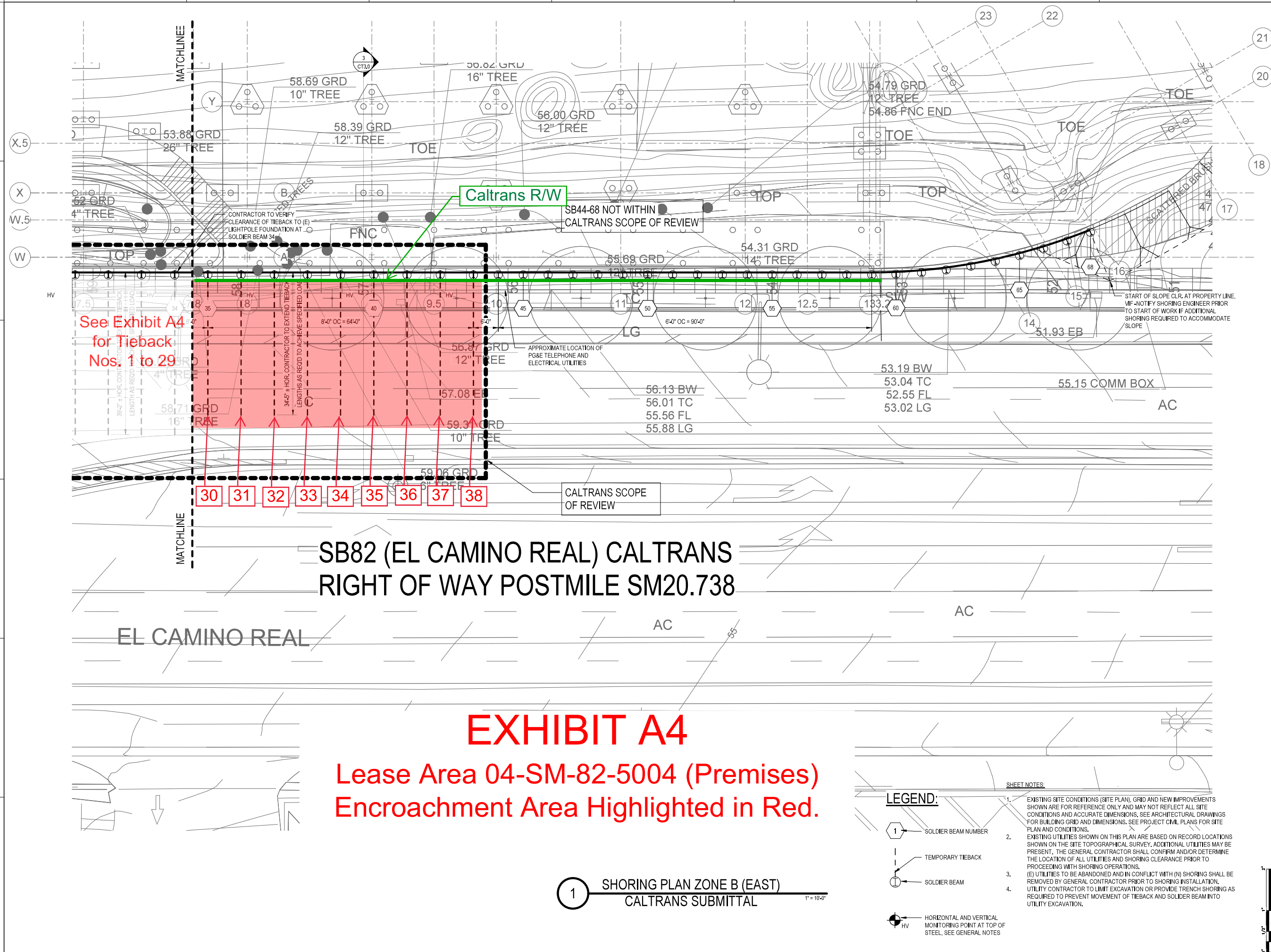


EXHIBIT A4

Lease Area 04-SM-82-5004 (Premises)
Encroachment Area Highlighted in Red.

1 SHORING PLAN ZONE B (EAST)
CALTRANS SUBMITTAL 1" = 10'-0"

LEGEND:

-
1. SOLDIER BEAM NUMBER
2. TEMPORARY TIEBACK
3. SOLDIER BEAM
4. HORIZONTAL AND VERTICAL MONITORING POINT AT TOP OF STEEL, SEE GENERAL NOTES

SHEET NOTES:

1. EXISTING SITE CONDITIONS (SITE PLAN), GRID AND NEW IMPROVEMENTS SHOWN ARE FOR REFERENCE ONLY AND MAY NOT REFLECT ALL SITE CONDITIONS AND ACCURATE DIMENSIONS. SEE ARCHITECTURAL DRAWINGS FOR BUILDING GRID AND DIMENSIONS. SEE PROJECT CIVIL PLANS FOR SITE PLAN AND CONDITIONS.
2. EXISTING UTILITIES SHOWN ON THIS PLAN ARE BASED ON RECORD LOCATIONS SHOWN ON THE SITE TOPOGRAPHICAL SURVEY. ADDITIONAL UTILITIES MAY BE PRESENT. THE GENERAL CONTRACTOR SHALL CONFIRM AND/OR DETERMINE THE LOCATION OF ALL UTILITIES AND SHORING CLEARANCE PRIOR TO PROCEEDING WITH SHORING OPERATIONS.
3. (E) UTILITIES TO BE ABANDONED AND IN CONFLICT WITH (H) SHORING SHALL BE REMOVED BY GENERAL CONTRACTOR PRIOR TO SHORING INSTALLATION.
4. UTILITY CONTRACTOR TO LIMIT EXCAVATION OR PROVIDE TRENCH SHORING AS REQUIRED TO PREVENT MOVEMENT OF TIEBACK AND SOLDIER BEAM INTO UTILITY EXCAVATION.

1" 1/2" 1" 2"

ORIGINAL SCALE: IF LESS DRAWINGS HAVE BEEN REDUCED

Plot Date: 10/16/2019 3:48:16 PM Author:



1 SOUTH SITE ELEVATION
EL CAMINO REAL
(CALTRANS ROW)



SOLDIER BEAM SCHEDULE CALTRANS SUBMITTAL			
Mark	Drill Diameter	Section	Beam Length
6	2-0"	W16X40	32'-0"
7	2-0"	W16X40	32'-0"
8	2-0"	W16X40	32'-0"
9	2-0"	W16X40	32'-0"
10	2-0"	W16X40	32'-0"
11	2-0"	W16X40	32'-0"
12	2-0"	W16X40	32'-0"
13	2-0"	W16X40	30'-0"
14	2-0"	W16X40	30'-0"
15	2-0"	W16X40	30'-0"
16	2-0"	W16X40	30'-0"
17	2-0"	W16X40	30'-0"
18	2-0"	W16X40	30'-0"
19	2-0"	W16X40	30'-6"
20	2-0"	W16X40	30'-0"
21	2-0"	W16X40	30'-0"
22	2-0"	W16X40	30'-0"
23	2-0"	W16X40	30'-0"
24	2-0"	W16X40	30'-0"
25	2-0"	W16X40	30'-0"
26	2-0"	W16X40	30'-0"
27	2-0"	W16X40	30'-0"
28	2-0"	W16X40	30'-0"
29	2-0"	W16X40	30'-0"
30	2-0"	W16X40	30'-0"
31	2-0"	W16X40	30'-0"
32	2-0"	W16X40	30'-0"
33	2-0"	W16X40	30'-0"
34	2-0"	W16X40	30'-0"
35	2-0"	W16X40	30'-0"
36	2-0"	W16X40	30'-0"
37	2-0"	W16X40	30'-0"
38	2-0"	W16X40	30'-0"
39	2-0"	W16X40	30'-0"
40	2-0"	W16X40	30'-0"
41	2-0"	W16X40	30'-0"
42	2-0"	W16X40	30'-0"
43	2-0"	W16X40	30'-0"

Grand total: 38

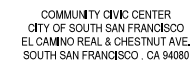
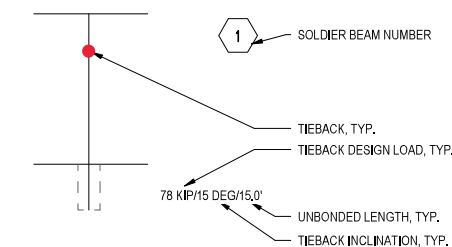
Mark	Design Load	Test Load	Unbonded Length	Estimated Bond Length	Estimated Total Length
1	100 kip	133 kip	15'	33'	48'
2	100 kip	133 kip	15'	33'	48'
3	100 kip	133 kip	15'	33'	48'
4	100 kip	133 kip	15'	33'	48'
5	100 kip	133 kip	15'	33'	48'
6	100 kip	133 kip	15'	33'	48'
7	100 kip	133 kip	15'	33'	48'
8	90 kip	120 kip	15'	30'	45'
9	90 kip	120 kip	15'	30'	45'
10	90 kip	120 kip	15'	30'	45'
11	90 kip	120 kip	15'	30'	45'
12	90 kip	120 kip	15'	30'	45'
13	90 kip	120 kip	15'	30'	45'
14	90 kip	120 kip	15'	30'	45'
15	80 kip	106 kip	15'	27'	42'
16	80 kip	106 kip	15'	27'	42'
17	80 kip	106 kip	15'	27'	42'
18	80 kip	106 kip	15'	27'	42'
19	80 kip	106 kip	15'	27'	42'
20	80 kip	106 kip	15'	27'	42'
21	80 kip	106 kip	15'	27'	42'
22	80 kip	106 kip	15'	27'	42'
23	80 kip	106 kip	15'	27'	42'
24	80 kip	106 kip	15'	27'	42'
25	80 kip	106 kip	15'	27'	42'
26	80 kip	106 kip	15'	27'	42'
27	80 kip	106 kip	15'	27'	42'
28	80 kip	106 kip	15'	27'	42'
29	80 kip	106 kip	15'	27'	42'
30	65 kip	86 kip	15'	22'	37'
31	65 kip	86 kip	15'	22'	37'
32	65 kip	86 kip	15'	22'	37'
33	65 kip	86 kip	15'	22'	37'
34	65 kip	86 kip	15'	22'	37'
35	65 kip	86 kip	15'	22'	37'
36	65 kip	86 kip	15'	22'	37'
37	65 kip	86 kip	15'	22'	37'
38	65 kip	86 kip	15'	22'	37'

Grand total: 38

SHEET NOTES:

1. THE CONTRACTOR SHALL CONFIRM AND/OR DETERMINE THE LOCATION OF ALL UTILITIES AND SHORING CLEARANCE PRIOR TO PROCEEDING WITH SHORING OPERATIONS.
2. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING WORKING BENCHES AND/OR BERMS IF REQUIRED FOR THE INSTALLATION OF THE SHORING SYSTEM, INCLUDING BUT NOT LIMITED TO SOLDIER BEAMS AND TIEBACKS. CONTRACTOR SHALL SUBMIT FOR RECORD TO SHORING ENGINEER ALL BENCHES, BERMS, AND ASSOCIATED SEQUENCES.
3. CONTRACTOR SHALL PROVIDE BRACING OF SHORING WALL AS REQUIRED TO DETENTION TIEBACKS.
4. LOCATIONS OF EXISTING ELECTRICAL AND TELEPHONE SERVICE ARE APPROXIMATE, AND BASED ON THE "PG&E ELECTRIC AND GAS SERVICE REQUIREMENTS (TD-7100M), JOINT TRENCH CONFIGURATIONS & OCCUPANCY GUIDE". CONTRACTOR SHALL VERIFY DEPTHS IN THE FIELD.

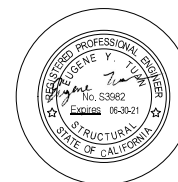
LEGEND:



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SEALS AND SIGNATURES



SHEET TITLE

ELEVATIONS AND
SECTIONS
CALTRANS SUBMITTAL

2019.123.00

PROJECT NUMBER

SHEET NUMBER

CT3.0

Plot Date: