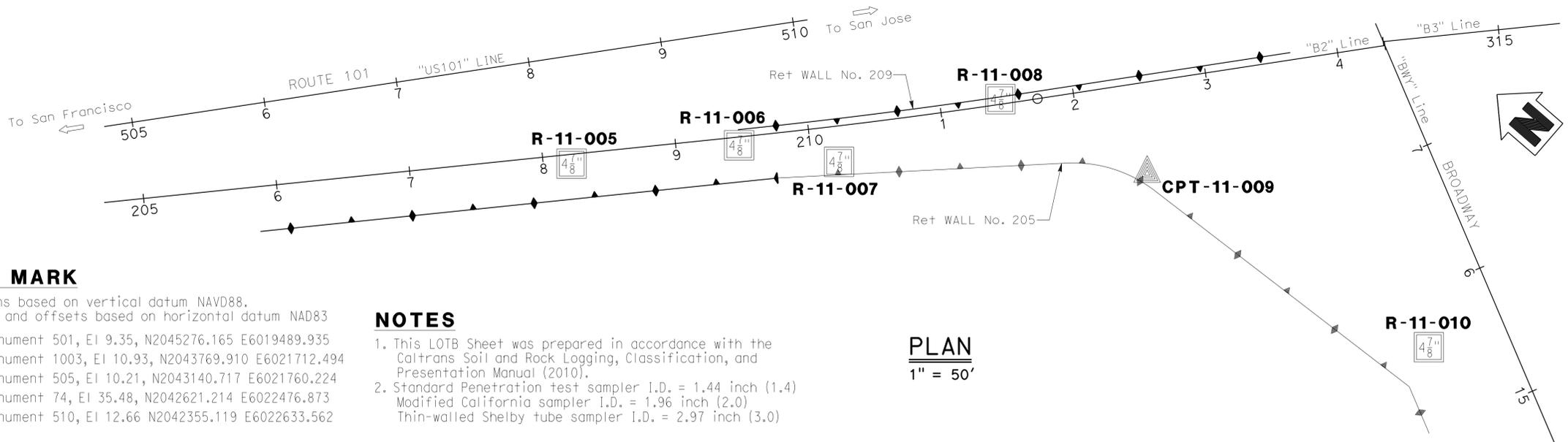


DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SM	101	16.3/17.1	808	814

04-08-13  
 GEOTECHNICAL PROFESSIONAL DATE  
 Stephen Huang  
 No. C 42289  
 Exp. 03/31/14  
 REGISTERED PROFESSIONAL ENGINEER  
 STATE OF CALIFORNIA  
 10/21/13  
 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.

SAN MATEO COUNTY TRANSPORTATION AUTHORITY  
 1250 SAN CARLOS AVENUE  
 SAN CARLOS, CA 94070-1306  
 URS CORPORATION  
 1333 BROADWAY, SUITE 800  
 OAKLAND, CA 94612-1924



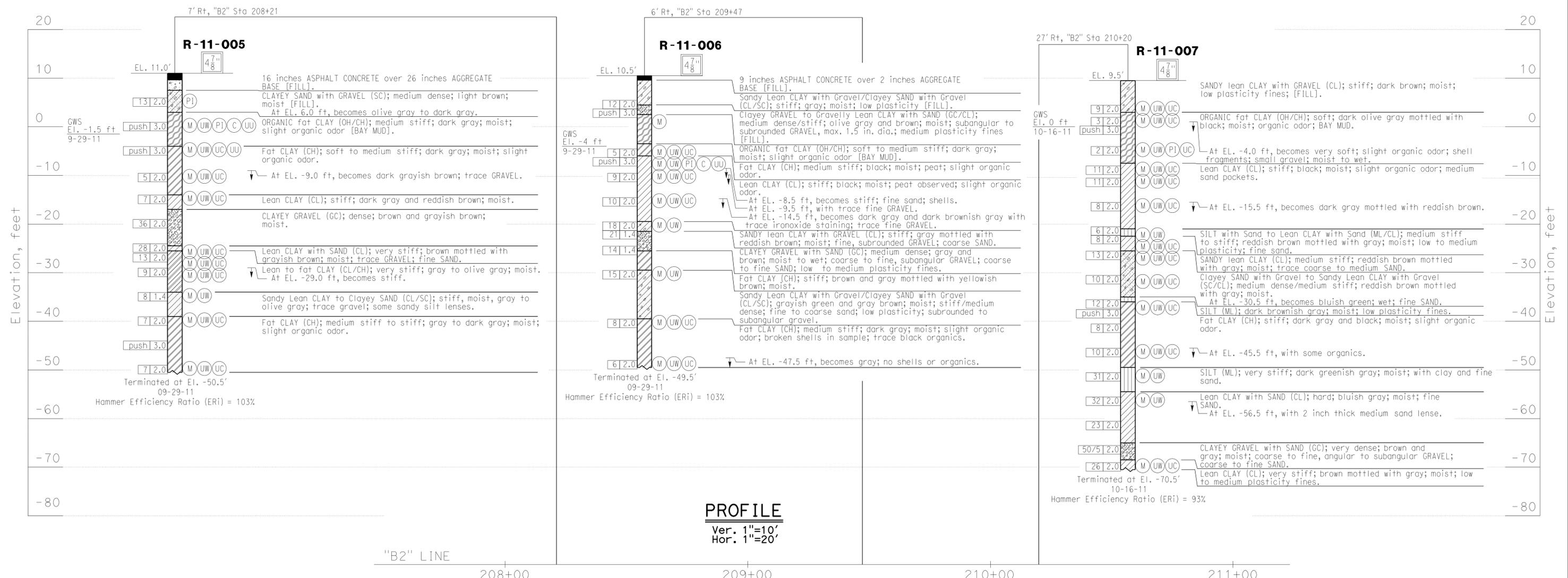
**BENCH MARK**

All elevations based on vertical datum NAVD88.  
 All stations and offsets based on horizontal datum NAD83  
 BM No. 1, Monument 501, El 9.35, N2045276.165 E6019489.935  
 BM No. 2, Monument 1003, El 10.93, N2043769.910 E6021712.494  
 BM No. 3, Monument 505, El 10.21, N2043140.717 E6021760.224  
 BM No. 4, Monument 74, El 35.48, N2042621.214 E6022476.873  
 BM No. 5, Monument 510, El 12.66 N2042355.119 E6022633.562

**NOTES**

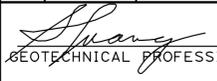
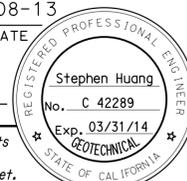
- This LOTB Sheet was prepared in accordance with the Caltrans Soil and Rock Logging, Classification, and Presentation Manual (2010).
- Standard Penetration test sampler I.D. = 1.44 inch (1.4)  
Modified California sampler I.D. = 1.96 inch (2.0)  
Thin-walled Shelby tube sampler I.D. = 2.97 inch (3.0)

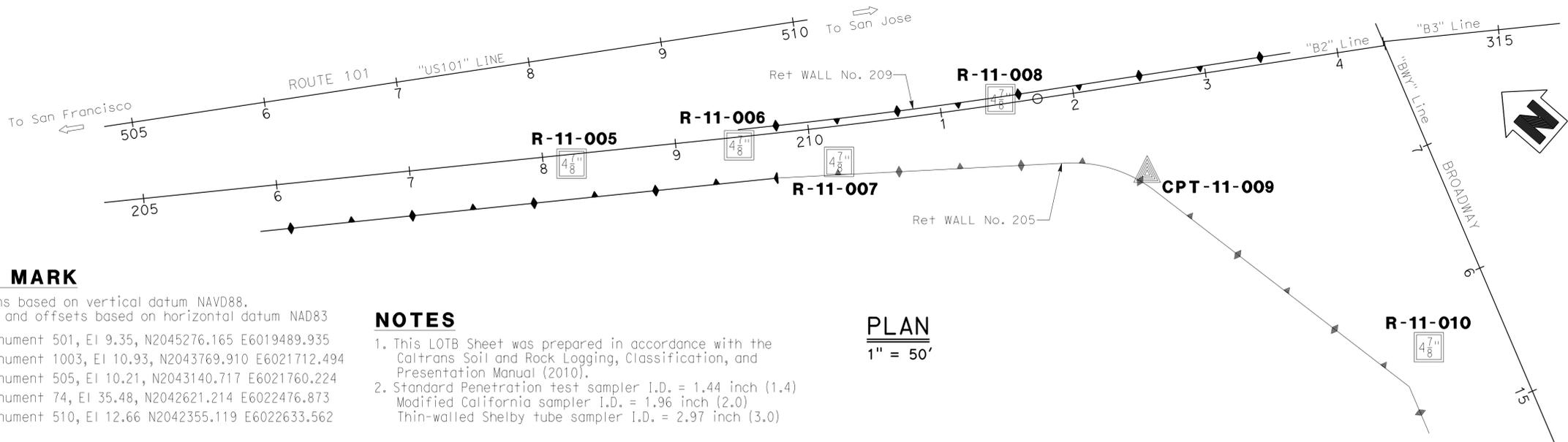
**PLAN**  
 1" = 50'



**PROFILE**  
 Ver. 1"=10'  
 Hor. 1"=20'

DESIGN OVERSIGHT Paul Cotter 6-20-13 SIGN OFF DATE	DRAWN BY	B. VUONG	J. LOPEZ / A. CHEUNG	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	35E0038	<b>RETAINING WALL No. 205</b> <b>LOG OF TEST BORINGS 4 OF 10</b>
	CHECKED BY	A. M. MOORE	DATE: X		PROJECT ENGINEER	POST MILES	

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SM	101	16.3/17.1	809	814
 GEOTECHNICAL PROFESSIONAL			DATE 04-08-13		
10/21/13 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.					
SAN MATEO COUNTY TRANSPORTATION AUTHORITY 1250 SAN CARLOS AVENUE SAN CARLOS, CA 94070-1306					
URS CORPORATION 1333 BROADWAY, SUITE 800 OAKLAND, CA 94612-1924					



**BENCH MARK**

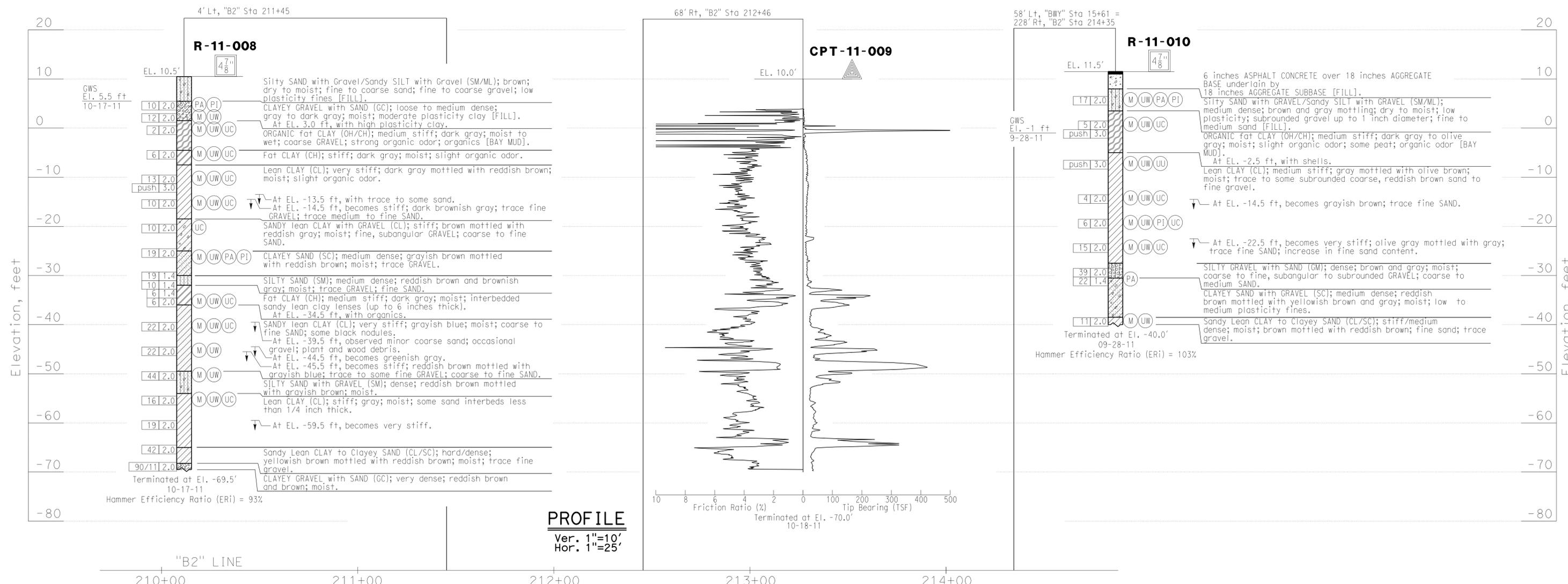
All elevations based on vertical datum NAVD88.  
 All stations and offsets based on horizontal datum NAD83  
 BM No. 1, Monument 501, El 9.35, N2045276.165 E6019489.935  
 BM No. 2, Monument 1003, El 10.93, N2043769.910 E6021712.494  
 BM No. 3, Monument 505, El 10.21, N2043140.717 E6021760.224  
 BM No. 4, Monument 74, El 35.48, N2042621.214 E6022476.873  
 BM No. 5, Monument 510, El 12.66 N2042355.119 E6022633.562

**NOTES**

- This LOTB Sheet was prepared in accordance with the Caltrans Soil and Rock Logging, Classification, and Presentation Manual (2010).
- Standard Penetration test sampler I.D. = 1.44 inch (1.4)  
 Modified California sampler I.D. = 1.96 inch (2.0)  
 Thin-walled Shelby tube sampler I.D. = 2.97 inch (3.0)

**PLAN**

1" = 50'



**PROFILE**

Ver. 1"=10'  
 Hor. 1"=25'

 DESIGN OVERSIGHT <b>Paul Cotter</b> 6-20-13 SIGN OFF DATE	DRAWN BY <b>B. VUONG</b>	J. LOPEZ / A. CHEUNG FIELD INVESTIGATION BY:	PREPARED FOR THE <b>STATE OF CALIFORNIA</b> DEPARTMENT OF TRANSPORTATION	S. HUANG PROJECT ENGINEER	BRIDGE NO. 35E0038	<b>RETAINING WALL No. 205</b> <b>LOG OF TEST BORINGS 5 OF 10</b>				
	CHECKED BY <b>A. M. MOORE</b>	DATE: X	PROJECT NUMBER & PHASE: 04000006841	CONTRACT NO.: 04-235844	REVISION DATES 11-16-12 07-19-13 02-12-13 04-08-13					
GS GEOTECHNICAL LOG OF TEST BORINGS SHEET (ENGLISH) (REV. 03/14/12)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT: 0703 PROJECT NUMBER & PHASE: 04000006841	CONTRACT NO.: 04-235844	DISREGARD PRINTS BEARING EARLIER REVISION DATES	SHEET OF 31 36

USERNAME => s141070 DATE PLOTTED => 03-FEB-2014 TIME PLOTTED => 14:19

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SM	101	16.3/17.1	810	814

04-08-13  
 GEOTECHNICAL PROFESSIONAL DATE  
 Stephen Huang  
 No. C 42289  
 Exp. 03/31/14  
 STATE OF CALIFORNIA  
 REGISTERED PROFESSIONAL ENGINEER  
 GEOTECHNICAL

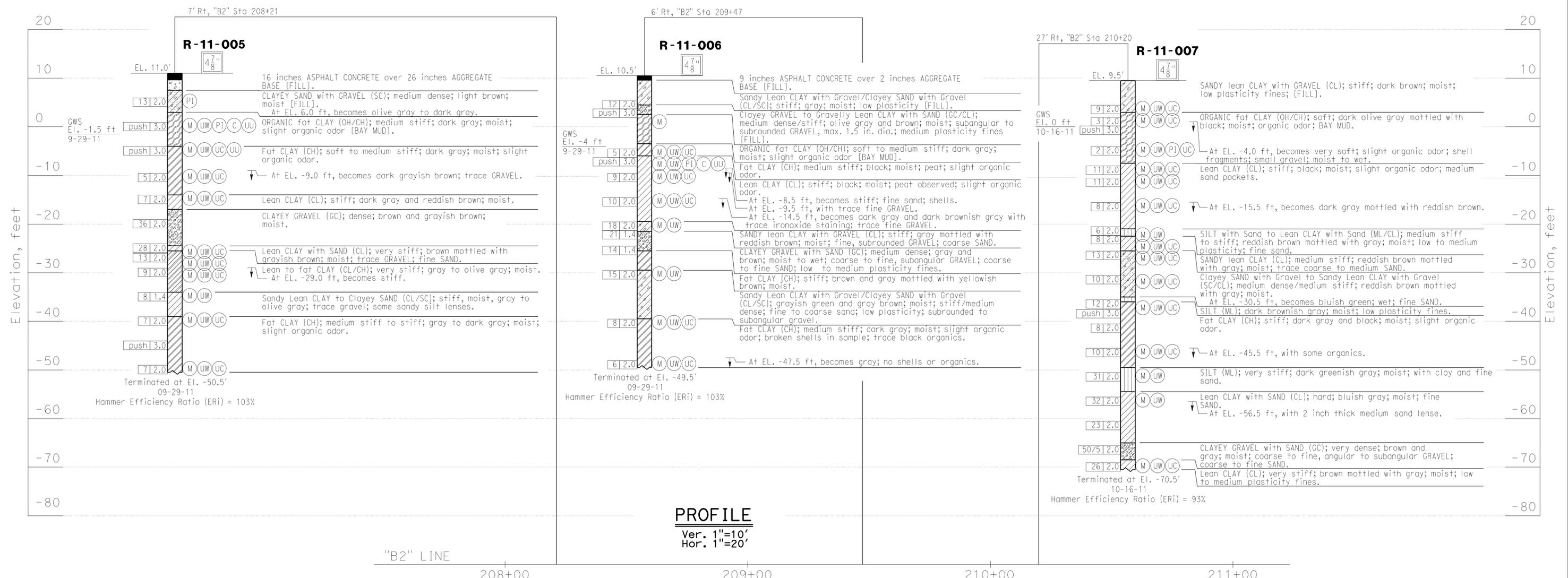
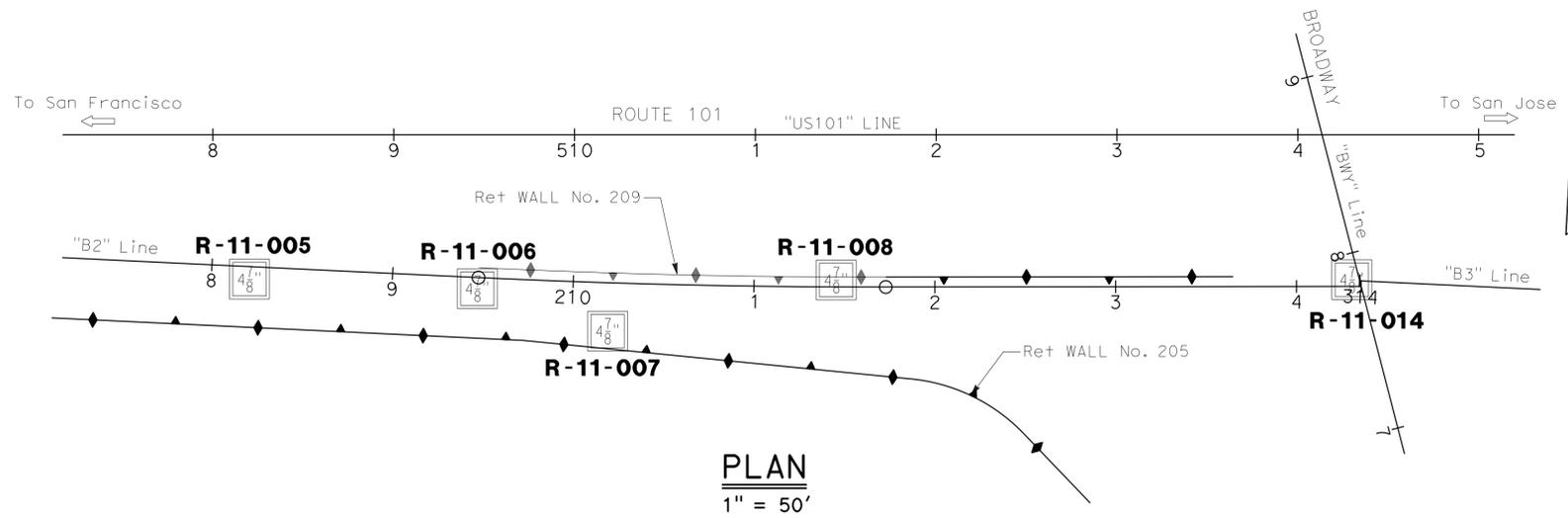
10/21/13  
 PLANS APPROVAL DATE  
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 SAN MATEO COUNTY TRANSPORTATION AUTHORITY  
 1250 SAN CARLOS AVENUE  
 SAN CARLOS, CA 94070-1306  
 URS CORPORATION  
 1333 BROADWAY, SUITE 800  
 OAKLAND, CA 94612-1924

**BENCH MARK**

All elevations based on vertical datum NAVD88.  
 All stations and offsets based on horizontal datum NAD83  
 BM No. 1, Monument 501, El 9.35, N2045276.165 E6019489.935  
 BM No. 2, Monument 1003, El 10.93, N2043769.910 E6021712.494  
 BM No. 3, Monument 505, El 10.21, N2043140.717 E6021760.224  
 BM No. 4, Monument 74, El 35.48, N2042621.214 E6022476.873  
 BM No. 5, Monument 510, El 12.66 N2042355.119 E6022633.562

**NOTES**

- This LOTB Sheet was prepared in accordance with the Caltrans Soil and Rock Logging, Classification, and Presentation Manual (2010).
- Standard Penetration test sampler I.D. = 1.44 inch (1.4)  
 Modified California sampler I.D. = 1.96 inch (2.0)  
 Thin-walled Shelby tube sampler I.D. = 2.97 inch (3.0)



**PROFILE**  
 Ver. 1"=10'  
 Hor. 1"=20'

DESIGN OVERSIGHT Paul Cotter 6-20-13 SIGN OFF DATE	DRAWN BY	B. VUONG	J. LOPEZ / A. CHEUNG	PREPARED FOR THE <b>STATE OF CALIFORNIA</b> DEPARTMENT OF TRANSPORTATION	S. HUANG	BRIDGE NO.	<b>RETAINING WALL No. 209</b> <b>LOG OF TEST BORINGS 6 OF 10</b>
	CHECKED BY	A. M. MOORE	DATE: X		PROJECT ENGINEER	35E0038	
GS GEOTECHNICAL LOG OF TEST BORINGS SHEET (ENGLISH) (REV. 03/14/12)				PROJECT NUMBER & PHASE: 04000006841		CONTRACT NO.: 04-235844	
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				UNIT: 0703		DISREGARD PRINTS BEARING EARLIER REVISION DATES	
0 1 2 3				PROJECT NUMBER & PHASE: 04000006841		SHEET 32 OF 36	

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SM	101	16.3/17.1	811	814

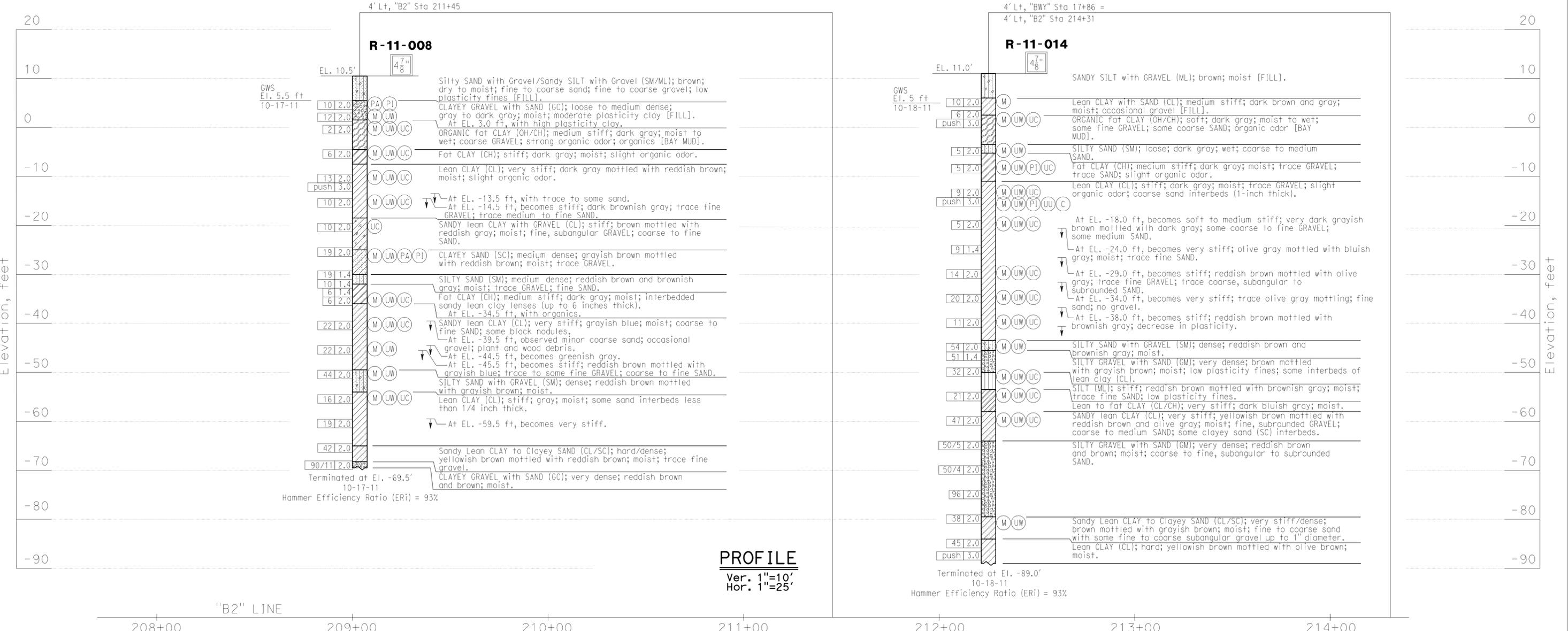
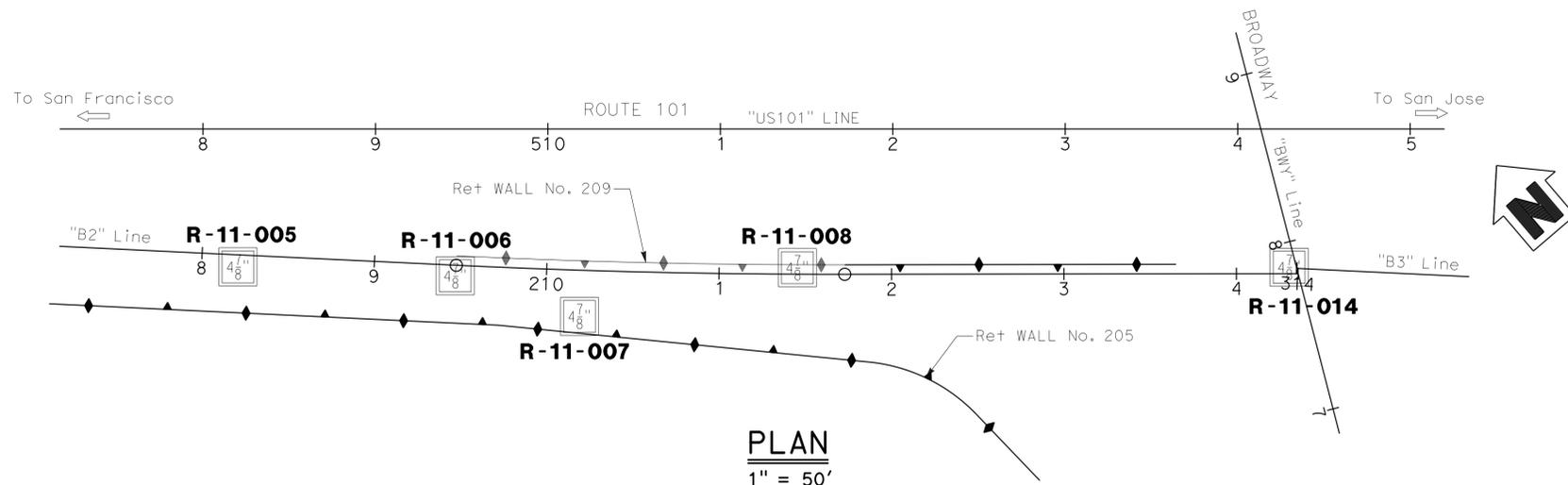
04-08-13  
 GEOTECHNICAL PROFESSIONAL DATE  
 10/21/13  
 PLANS APPROVAL DATE  
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.  
 SAN MATEO COUNTY TRANSPORTATION AUTHORITY  
 1250 SAN CARLOS AVENUE  
 SAN CARLOS, CA 94070-1306  
 URS CORPORATION  
 1333 BROADWAY, SUITE 800  
 OAKLAND, CA 94612-1924

**BENCH MARK**

All elevations based on vertical datum NAVD88.  
 All stations and offsets based on horizontal datum NAD83  
 BM No. 1, Monument 501, El 9.35, N2045276.165 E6019489.935  
 BM No. 2, Monument 1003, El 10.93, N2043769.910 E6021712.494  
 BM No. 3, Monument 505, El 10.21, N2043140.717 E6021760.224  
 BM No. 4, Monument 74, El 35.48, N2042621.214 E6022476.873  
 BM No. 5, Monument 510, El 12.66 N2042355.119 E6022633.562

**NOTES**

- This LOTB Sheet was prepared in accordance with the Caltrans Soil and Rock Logging, Classification, and Presentation Manual (2010).
- Standard Penetration test sampler I.D. = 1.44 inch (1.4)  
 Modified California sampler I.D. = 1.96 inch (2.0)  
 Thin-walled Shelby tube sampler I.D. = 2.97 inch (3.0)



DESIGN OVERSIGHT Paul Cotter 6-20-13 SIGN OFF DATE	DRAWN BY B. VUONG	CHECKED BY A. M. MOORE	J. LOPEZ / A. CHEUNG FIELD INVESTIGATION BY: DATE: X	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	S. HUANG PROJECT ENGINEER	BRIDGE NO. 35E0039 POST MILES 16.7	<b>RETAINING WALL No. 209</b> <b>LOG OF TEST BORINGS 7 OF 10</b>
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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SM	101	16.3/17.1	812	814

04-08-13  
 GEOTECHNICAL PROFESSIONAL DATE  
 Stephen Huang  
 No. C 42289  
 Exp. 03/31/14  
 GEOTECHNICAL  
 STATE OF CALIFORNIA

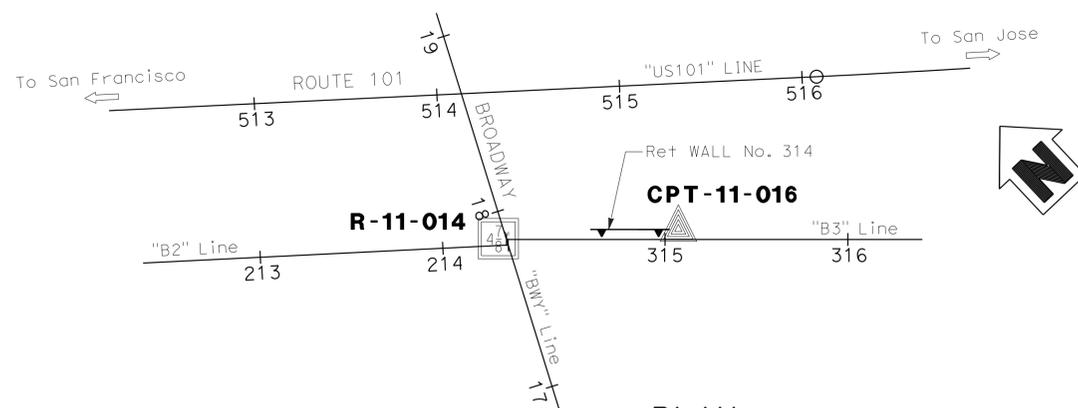
10/21/13  
 PLANS APPROVAL DATE  
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 SAN MATEO COUNTY TRANSPORTATION AUTHORITY  
 1250 SAN CARLOS AVENUE  
 SAN CARLOS, CA 94070-1306  
 URS CORPORATION  
 1333 BROADWAY, SUITE 800  
 OAKLAND, CA 94612-1924

### BENCH MARK

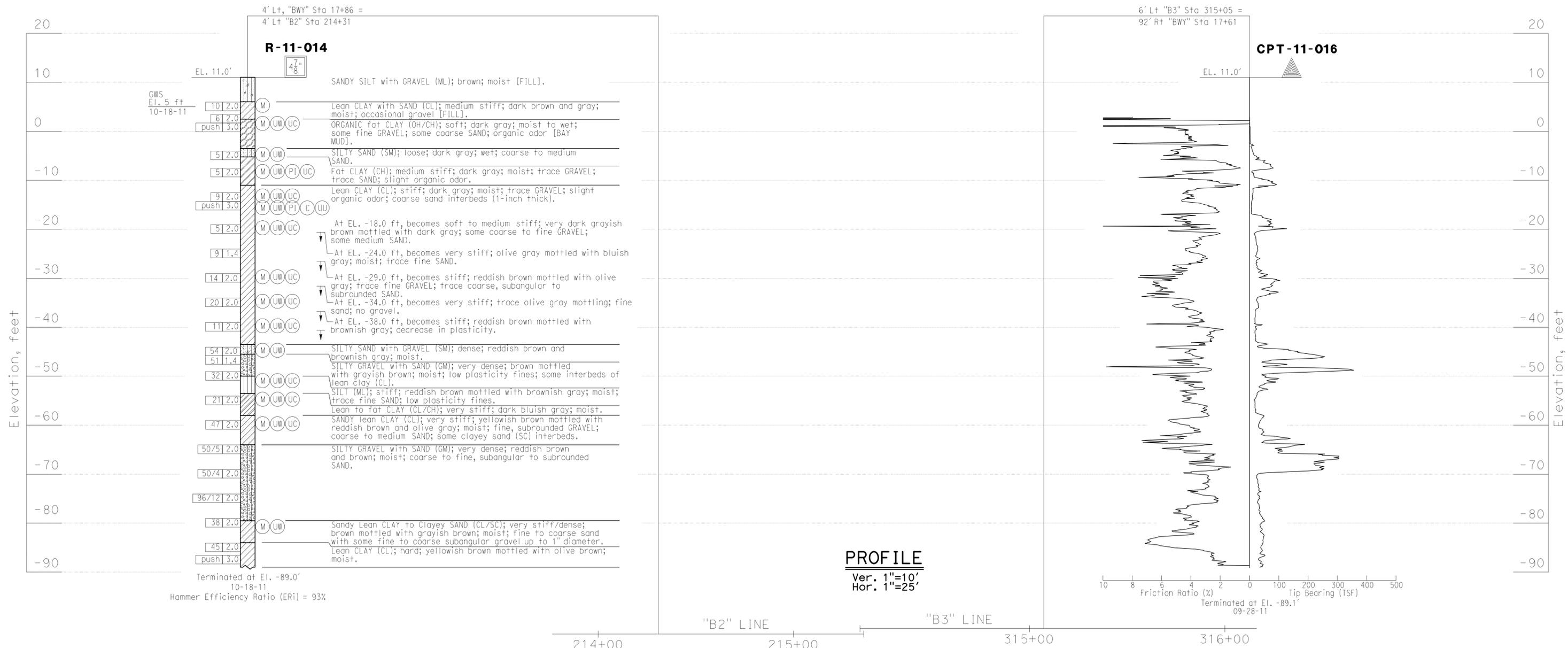
All elevations based on vertical datum NAVD88.  
 All stations and offsets based on horizontal datum NAD83  
 BM No. 1, Monument 501, El 9.35, N2045276.165 E6019489.935  
 BM No. 2, Monument 1003, El 10.93, N2043769.910 E6021712.494  
 BM No. 3, Monument 505, El 10.21, N2043140.717 E6021760.224  
 BM No. 4, Monument 74, El 35.48, N2042621.214 E6022476.873  
 BM No. 5, Monument 510, El 12.66 N2042355.119 E6022633.562

### NOTES

- This LOTB Sheet was prepared in accordance with the Caltrans Soil and Rock Logging, Classification, and Presentation Manual (2010).
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 Modified California sampler I.D. = 1.96 inch (2.0)  
 Thin-walled Shelby tube sampler I.D. = 2.97 inch (3.0)



**PLAN**  
 1" = 50'



**PROFILE**  
 Ver. 1"=10'  
 Hor. 1"=25'

DESIGN OVERSIGHT Paul Cotter 6-20-13 SIGN OFF DATE	DRAWN BY B. VUONG	J. LOPEZ / A. CHEUNG FIELD INVESTIGATION BY:	PREPARED FOR THE <b>STATE OF CALIFORNIA</b> DEPARTMENT OF TRANSPORTATION	BRIDGE NO. 35E0042	<b>RETAINING WALL No. 314</b> <b>LOG OF TEST BORINGS 8 OF 10</b>
	CHECKED BY A. M. MOORE	DATE: X	PROJECT ENGINEER S. HUANG	POST MILES 16.6	

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SM	101	16.3/17.1	813	814

04-08-13  
 GEOTECHNICAL PROFESSIONAL DATE  
 Stephen Huang  
 No. C 42289  
 Exp. 03/31/14  
 REGISTERED PROFESSIONAL ENGINEER  
 STATE OF CALIFORNIA  
 GEOTECHNICAL

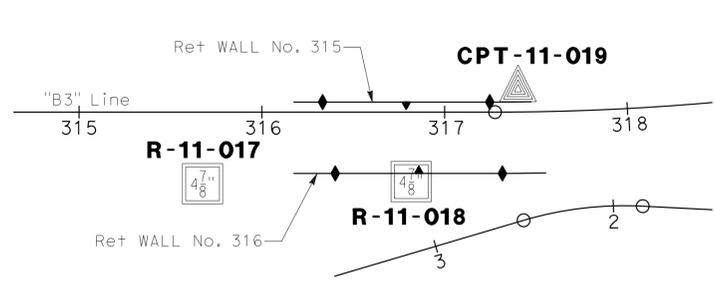
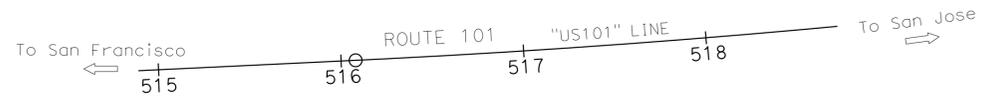
10/21/13  
 PLANS APPROVAL DATE  
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 SAN MATEO COUNTY TRANSPORTATION AUTHORITY  
 1250 SAN CARLOS AVENUE  
 SAN CARLOS, CA 94070-1306  
 URS CORPORATION  
 1333 BROADWAY, SUITE 800  
 OAKLAND, CA 94612-1924

**BENCH MARK**

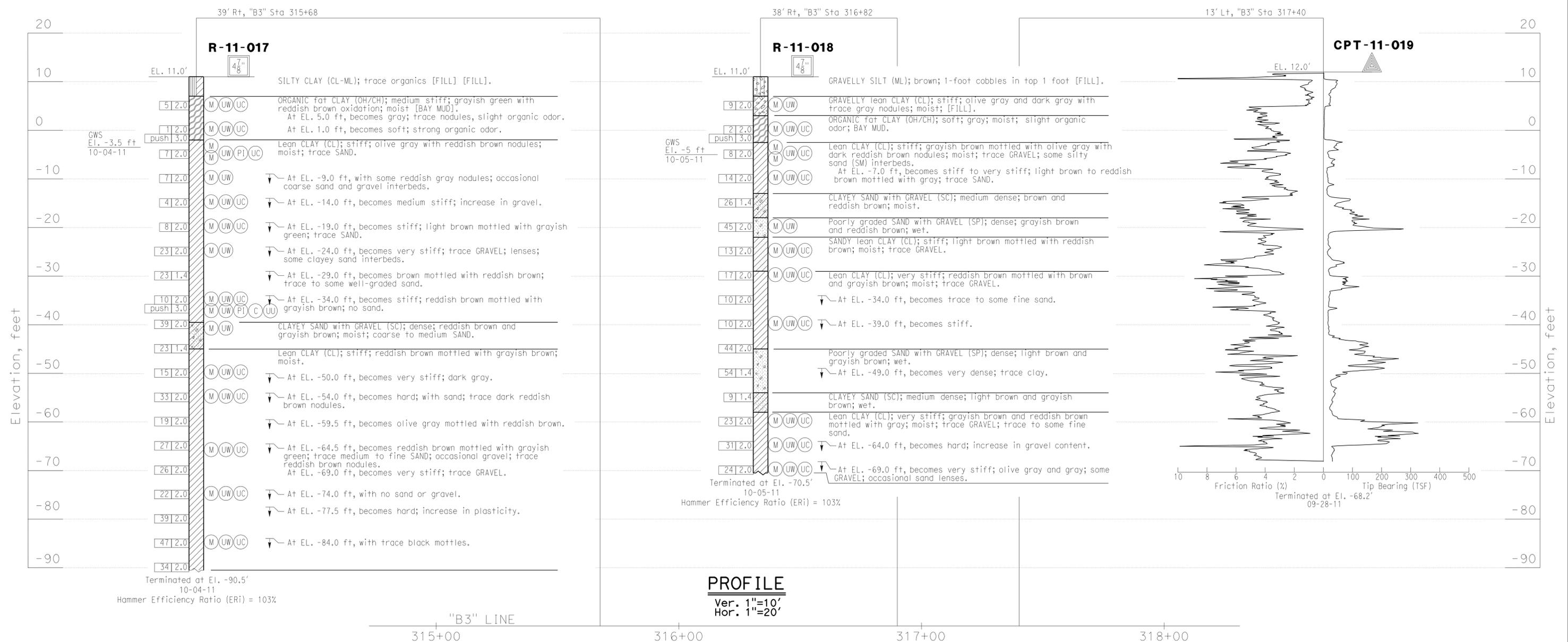
All elevations based on vertical datum NAVD88.  
 All stations and offsets based on horizontal datum NAD83  
 BM No. 1, Monument 501, El 9.35, N2045276.165 E6019489.935  
 BM No. 2, Monument 1003, El 10.93, N2043769.910 E6021712.494  
 BM No. 3, Monument 505, El 10.21, N2043140.717 E6021760.224  
 BM No. 4, Monument 74, El 35.48, N2042621.214 E6022476.873  
 BM No. 5, Monument 510, El 12.66 N2042355.119 E6022633.562

**NOTES**

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 Modified California sampler I.D. = 1.96 inch (2.0)  
 Thin-walled Shelby tube sampler I.D. = 2.97 inch (3.0)



**PLAN**  
 1" = 50'



**PROFILE**  
 Ver. 1"=10'  
 Hor. 1"=20'

DESIGN OVERSIGHT <b>Paul Cotter</b> 6-20-13 SIGN OFF DATE	DRAWN BY <b>B. VUONG</b>	J. LOPEZ / A. CHEUNG FIELD INVESTIGATION BY:	PREPARED FOR THE <b>STATE OF CALIFORNIA</b> DEPARTMENT OF TRANSPORTATION	BRIDGE NO. 35E0044	<b>RETAINING WALL No. 315</b> <b>LOG OF TEST BORINGS 9 OF 10</b>
	CHECKED BY <b>A. M. MOORE</b>	DATE: X	PROJECT ENGINEER <b>S. HUANG</b>	POST MILES 16.6	
GS GEOTECHNICAL LOG OF TEST BORINGS SHEET (ENGLISH) (REV. 03/14/12)			ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT: 0703 PROJECT NUMBER & PHASE: 04000006841	CONTRACT NO.: 04-235844
				REVISION DATES 11-16-12 07-15-13 02-12-13 04-08-13	SHEET OF 35 36

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SM	101	16.3/17.1	814	814

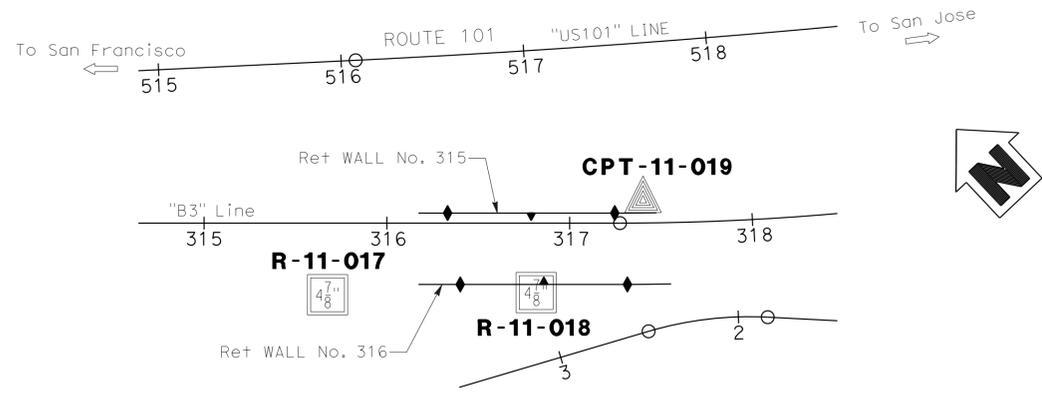
DATE: 04-08-13  
 GEOTECHNICAL PROFESSIONAL  
 Stephen Huang  
 No. C 42289  
 Exp. 03/31/14  
 STATE OF CALIFORNIA  
 REGISTERED PROFESSIONAL ENGINEER  
 PLANS APPROVAL DATE: 10/21/13  
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.  
 SAN MATEO COUNTY TRANSPORTATION AUTHORITY  
 1250 SAN CARLOS AVENUE  
 SAN CARLOS, CA 94070-1306  
 URS CORPORATION  
 1333 BROADWAY, SUITE 800  
 OAKLAND, CA 94612-1924

**BENCH MARK**

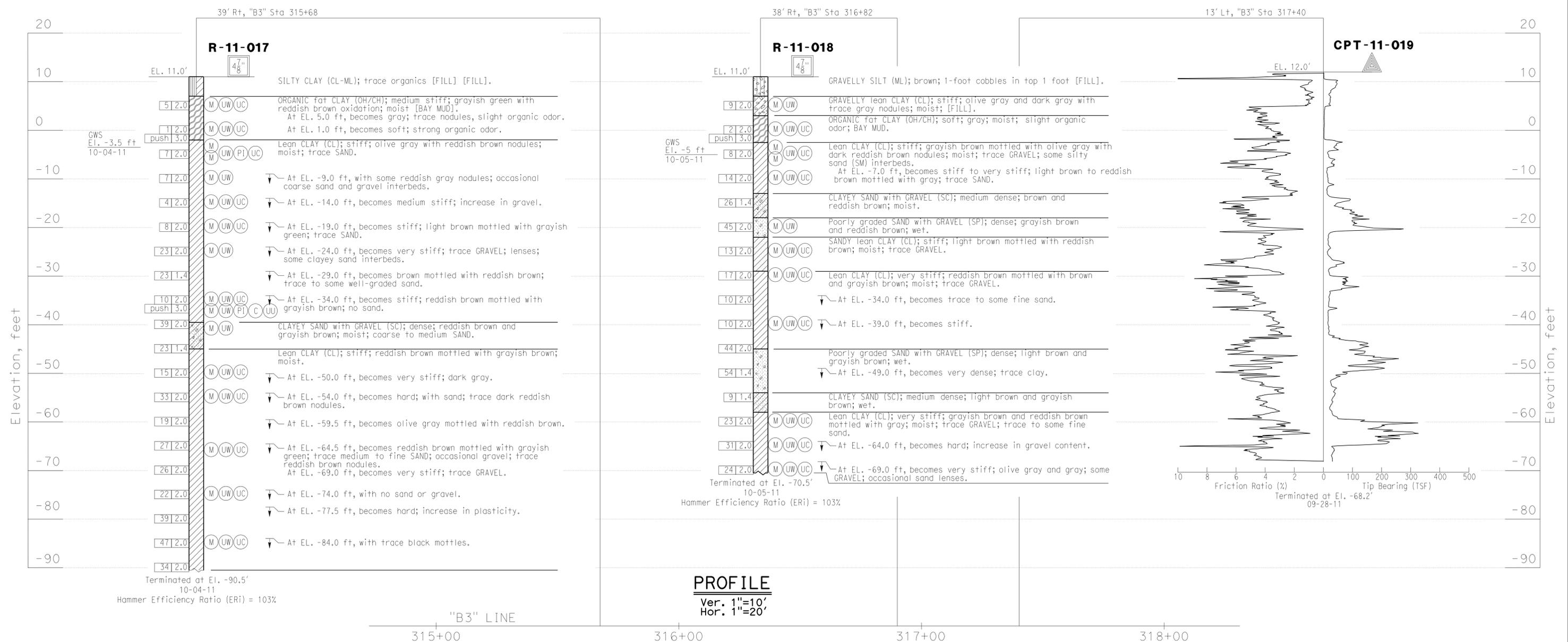
All elevations based on vertical datum NAVD88.  
 All stations and offsets based on horizontal datum NAD83  
 BM No. 1, Monument 501, El 9.35, N2045276.165 E6019489.935  
 BM No. 2, Monument 1003, El 10.93, N2043769.910 E6021712.494  
 BM No. 3, Monument 505, El 10.21, N2043140.717 E6021760.224  
 BM No. 4, Monument 74, El 35.48, N2042621.214 E6022476.873  
 BM No. 5, Monument 510, El 12.66 N2042355.119 E6022633.562

**NOTES**

- This LOTB Sheet was prepared in accordance with the Caltrans Soil and Rock Logging, Classification, and Presentation Manual (2010).
- Standard Penetration test sampler I.D. = 1.44 inch (1.4)  
 Modified California sampler I.D. = 1.96 inch (2.0)  
 Thin-walled Shelby tube sampler I.D. = 2.97 inch (3.0)



**PLAN**  
 1" = 50'



**PROFILE**  
 Ver. 1"=10'  
 Hor. 1"=20'

DESIGN OVERSIGHT <b>Paul Cotter</b> 6-20-13 SIGN OFF DATE	DRAWN BY <b>B. VUONG</b>	J. LOPEZ / A. CHEUNG FIELD INVESTIGATION BY:	PREPARED FOR THE <b>STATE OF CALIFORNIA</b> DEPARTMENT OF TRANSPORTATION	BRIDGE NO. 35E0045	<b>RETAINING WALL No. 316</b> <b>LOG OF TEST BORINGS 10 OF 10</b>
	CHECKED BY <b>A. M. MOORE</b>	DATE: X	PROJECT ENGINEER <b>S. HUANG</b>	POST MILES 16.6	
GS GEOTECHNICAL LOG OF TEST BORINGS SHEET (ENGLISH) (REV. 03/14/12)			ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT: 0703 PROJECT NUMBER & PHASE: 04000006841	CONTRACT NO.: 04-235844
				DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES: 11-16-12, 07-19-13, 02-12-13, 04-08-13 SHEET 36 OF 36