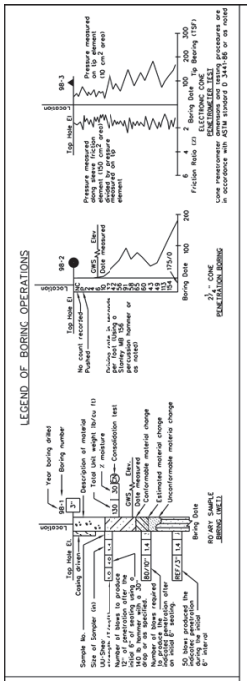
Notes:

(1) 1.4-inch samples were taken using a SPT sampler with an inside diameter (I.D.) of 1.4" and an outside diameter (O.D.) of 2".

(2) 2.4-inch samples were taken using a California sampler with an inside diameter (I.D.) of 2.4" and an outside diameter (O.D.) of 3".

(3) Both samplers were driven using a 140-pound automatic trip hammer falling a distance of 30 inches.



PROFILE

VERTICAL 1" = 10'
HORIZONTAL 1" = 10'

Underground Service Alert
Call TOLL FREE 1-800-22-4133
TWO WORKING DAYS BEFORE YOU DIG.

REGISTERED PROFESSIONAL ENGINEER L. CHEANG NO. GE 2345 EXP. 9-30-05 GEOTECHNICAL STATE OF CALIFORNIA

Earth Mechanics, Inc.
Geotechnical and Earthquake Engineering
17660 Newhope Street, Suite E
Fountain Valley, California 92708

REVIEWED BY: Lino Cheang
L. CHEANG RGE #2345 DATE: 2-26-04

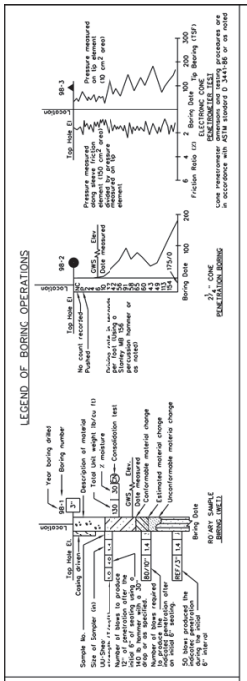
MARK	REVISIONS	BY	APPR.	DATE

APPROVED _____ 2006
MICHAEL HUDSON, CITY OF MONTCLAIR DEVELOPMENT SERVICES DEPARTMENT-PUBLIC WORKS/ENGINEERING
REGISTERED CIVIL ENGINEER NO. _____
MY LICENSE EXPIRES
DRAWN BY: S. SICILIANO
CHECKED BY: L. YAN
RECOMMENDED BY:

CITY OF MONTCLAIR
DEVELOPMENT SERVICES DEPARTMENT
MONTE VISTA AVENUE GRADE SEPARATION
LOG OF TEST BORINGS B-1, B-2

CITY FILE NO -------
DRAWING NO -----
SHEET 63 OF 82 SHEETS

63_LOTB.dwg 8/5/2011 12:24:35 PM



Notes:

(1) 1.4-inch samples were taken using a SPT sampler with an inside diameter (I.D.) of 1.4" and an outside diameter (O.D.) of 2".

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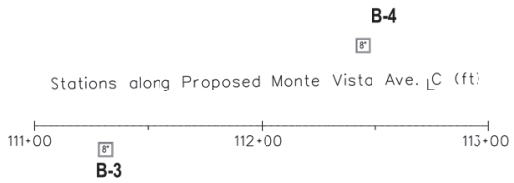
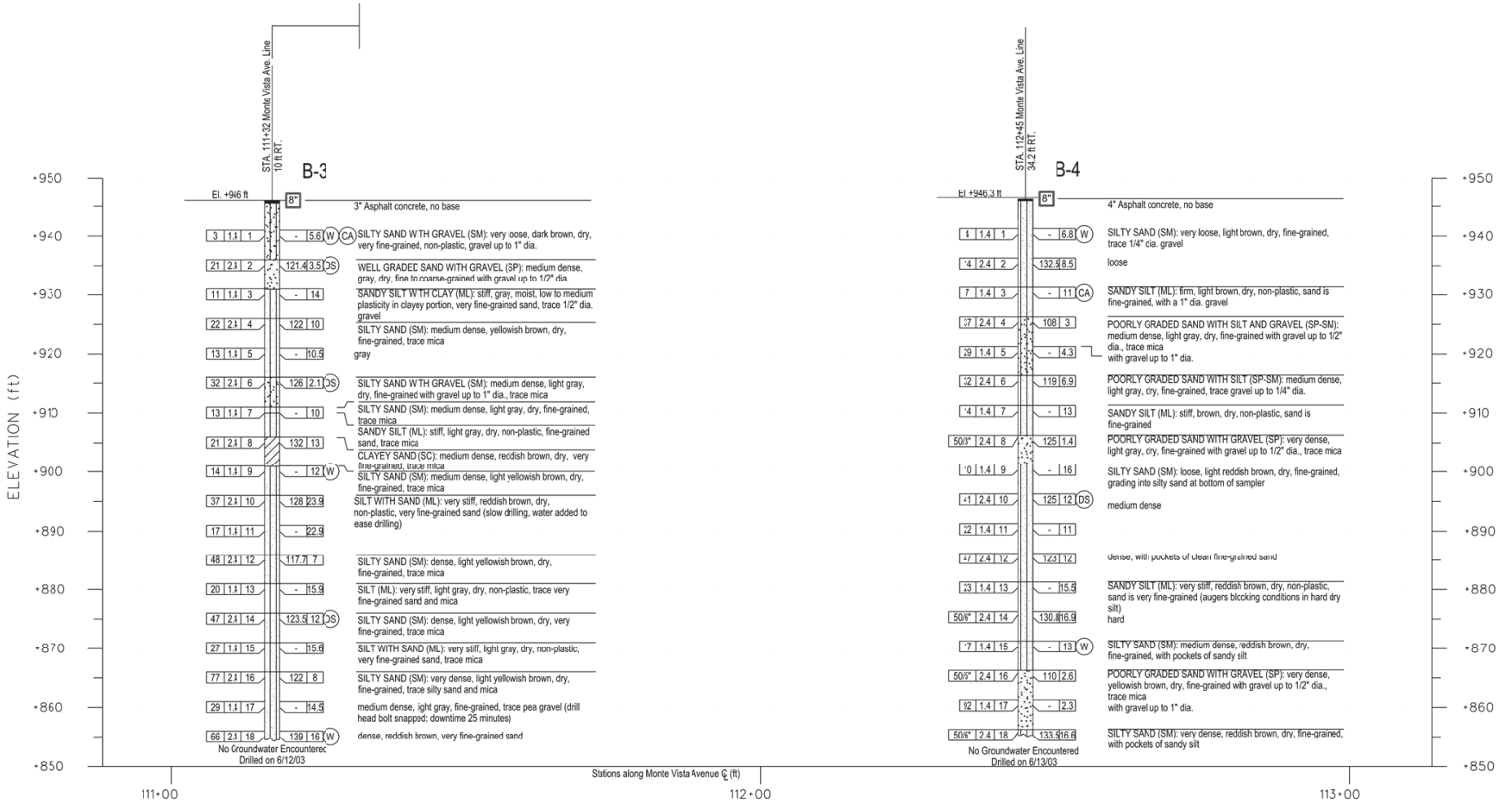
(3) Both samplers were driven using a 140-pound automatic trip hammer falling a distance of 30 inches.



PLAN

1" = 30'



PROFILE

VERTICAL 1" = 10'

HORIZONTAL 1" = 10'

Underground Service Alert — Call TOLL FREE 1-800-22-4133 — TWO WORKING DAYS BEFORE YOU DIG.

REGISTERED PROFESSIONAL ENGINEER — L. CHEANG — NO. GE 2345 — EXP. 9-30-05 — GEOTECHNICAL — STATE OF CALIFORNIA

Earth Mechanics, Inc.
Geotechnical and Earthquake Engineering
17660 Newhope Street, Suite E
Fountain Valley, California 92708

REVIEWED BY: Lino Cheang
L. CHEANG — DATE: 2-26-04 — RGE #2345

MARK	REVISIONS	BY	APPR.	DATE

APPROVED _____ 2006
MICHAEL HUDSON, CITY OF MONTCLAIR
DEVELOPMENT SERVICES DEPARTMENT-PUBLIC WORKS/ENGINEERING
REGISTERED CIVIL ENGINEER NO. _____
MY LICENSE EXPIRES _____
DRAWN BY: S. SICILIANO
CHECKED BY: L. YAN
RECOMMENDED BY: _____

CITY OF MONTCLAIR
DEVELOPMENT SERVICES DEPARTMENT

MONTE VISTA AVENUE
GRADE SEPARATION

LOG OF TEST BORINGS B-3, B-4

CITY FILE NO -------
DRAWING NO -----
SHEET 64 OF 82 SHEETS

64_LOTB.dwg 8/5/2011 12:37:52 PM

Notes:

(1) 1.4-inch samples were taken using a SPT sampler with an inside diameter (I.D.) of 1.4" and an outside diameter (O.D.) of 2".

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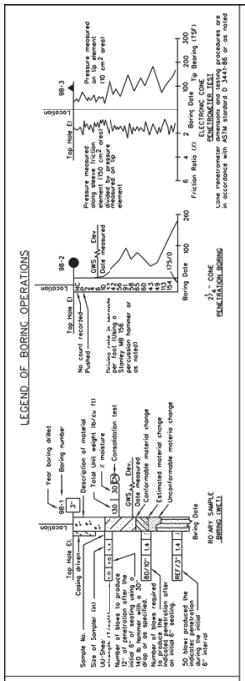
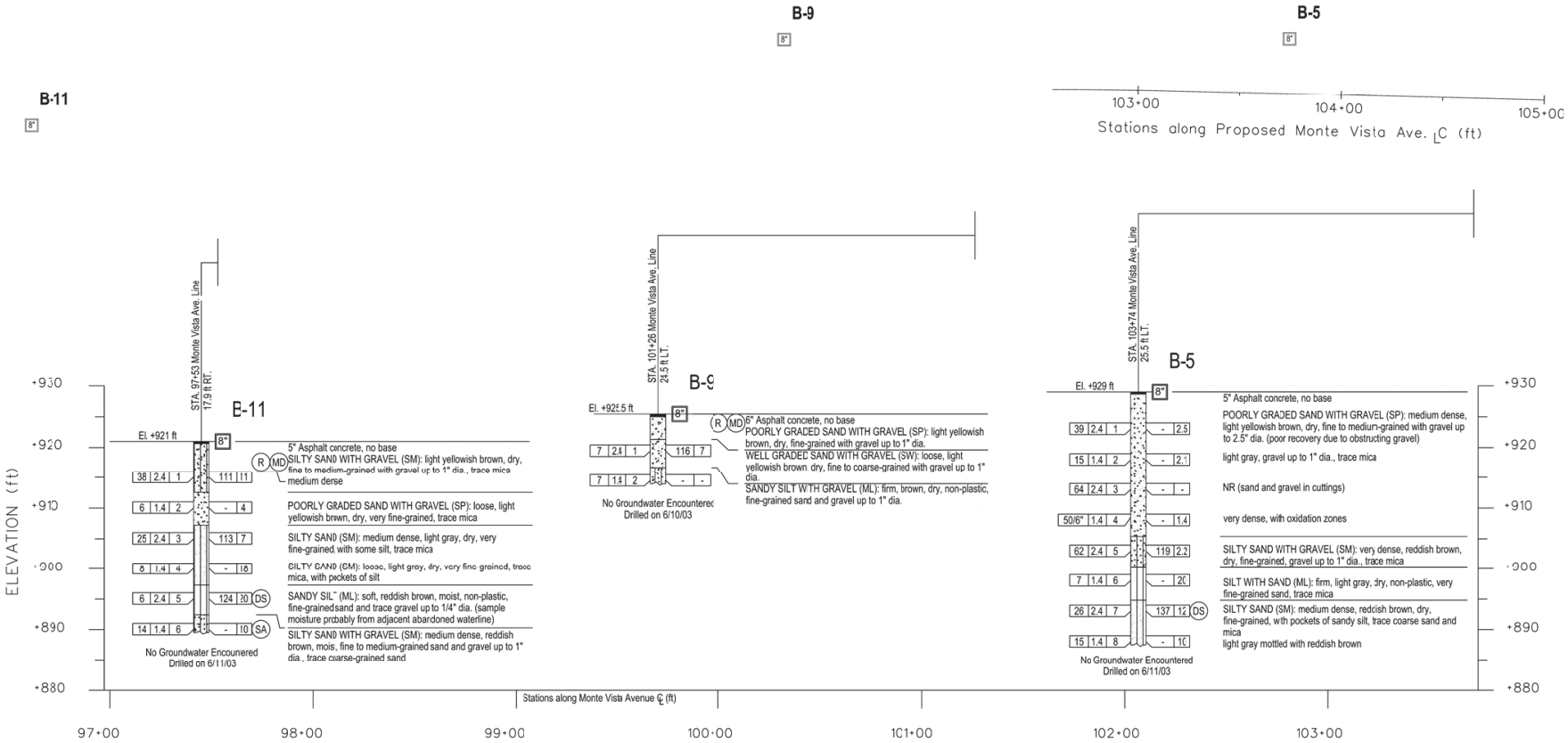


PLAN

1" = 30'



PROFILE

VERTICAL 1" = 10'

HORIZONTAL 1" = 30'

Underground Service Alert — Call TOLL FREE 1-800-22-4133 — TWO WORKING DAYS BEFORE YOU DIG.

REGISTERED PROFESSIONAL ENGINEER — L. CHEANG — NO. GE 2345 — EXP. 9-30-05 — GEOTECHNICAL — STATE OF CALIFORNIA

Earth Mechanics, Inc.
Geotechnical and Earthquake Engineering
17660 Newhope Street, Suite E
Fountain Valley, California 92708

REVIEWED BY: Lin Cheang
L. CHEANG — DATE: 2-26-04 — RGE #2345

MARK	REVISIONS	BY	APPR.	DATE

APPROVED _____ 2006

MICHAEL HUDSON, CITY OF MONTCLAIR
DEVELOPMENT SERVICES DEPARTMENT-PUBLIC WORKS/ENGINEERING
REGISTERED CIVIL ENGINEER NO: _____
MY LICENSE EXPIRES _____

DRAWN BY: S. SICILIANO

CHECKED BY: L. YAN

RECOMMENDED BY: _____

CITY OF MONTCLAIR
DEVELOPMENT SERVICES DEPARTMENT

MONTE VISTA AVENUE
GRADE SEPARATION

LOG OF TEST BORINGS B-5, B-9, B-11

CITY FILE NO -------

DRAWING NO -----

SHEET 79 OF 82 SHEETS

79_LOTB.dwg 8/5/2011 12:40:21 PM

Notes:

(1) 1.4-inch samples were taken using a SPT sampler with an inside diameter (I.D.) of 1.4" and an outside diameter (O.D.) of 2".

(2) 2.4-inch samples were taken using a California sampler with an inside diameter (I.D.) of 2.4" and an outside diameter (O.D.) of 3".

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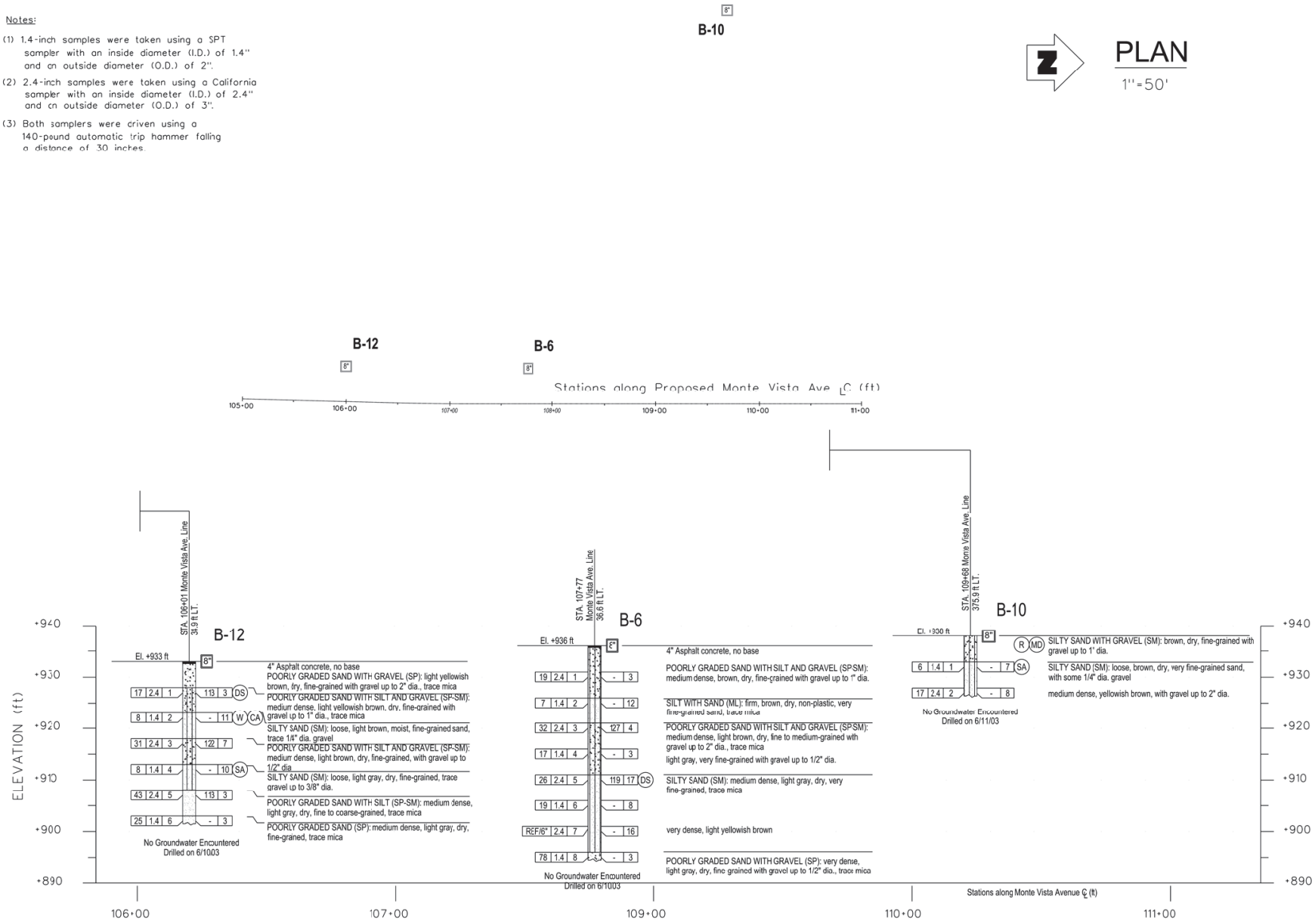
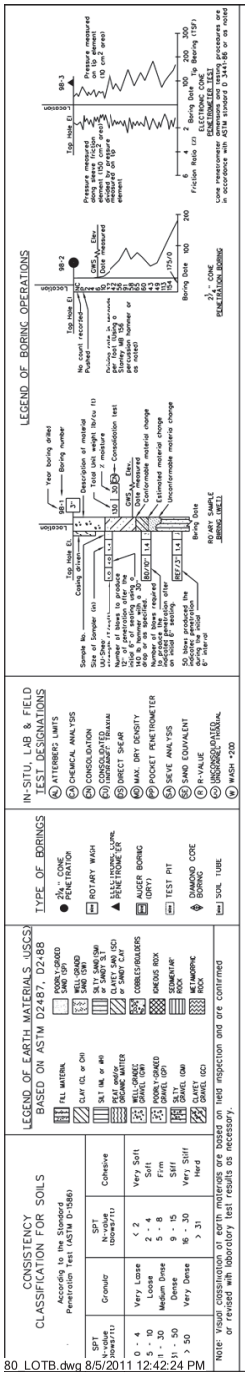


PROFILE

VERTICAL 1"=10'
HORIZONTAL 1"=20'



Underground Service Alert
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TWO WORKING DAYS BEFORE YOU DIG.

REGISTERED PROFESSIONAL ENGINEER L. CHEANG NO. GE 2345 EXP. 9-30-05 GEOTECHNICAL STATE OF CALIFORNIA

Earth Mechanics, Inc.
Geotechnical and Earthquake Engineering
17660 Newhope Street, Suite E
Fountain Valley, California 92708

REVIEWED BY: Lian Cheang
L. CHEANG RGE #2345
DATE: 2-26-04

MARK	REVISIONS	BY	APPR.	DATE

APPROVED _____ 2006
MICHAEL HUDSON, CITY OF MONTCLAIR DEVELOPMENT SERVICES DEPARTMENT-PUBLIC WORKS/ENGINEERING
REGISTERED CIVIL ENGINEER NO.
MY LICENSE EXPIRES
DRAWN BY: S. SICILIANO
CHECKED BY: L. YAN
RECOMMENDED BY:

CITY OF MONTCLAIR
DEVELOPMENT SERVICES DEPARTMENT
MONTE VISTA AVENUE GRADE SEPARATION
LOG OF TEST BORINGS B-6, B-10, B-12

CITY FILE NO --------
DRAWING NO -----
SHEET 80 OF 82 SHEETS

80_LOTB.dwg 8/5/2011 12:42:24 PM

Notes:

(1) 1.4-inch samples were taken using a SPT sampler with an inside diameter (I.D.) of 1.4" and an outside diameter (O.D.) of 2".

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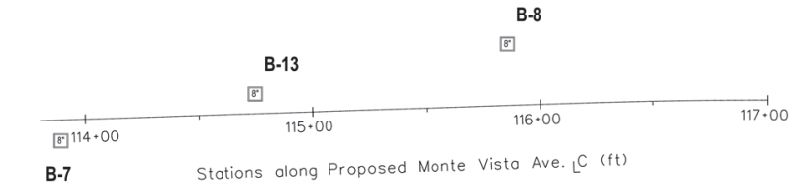

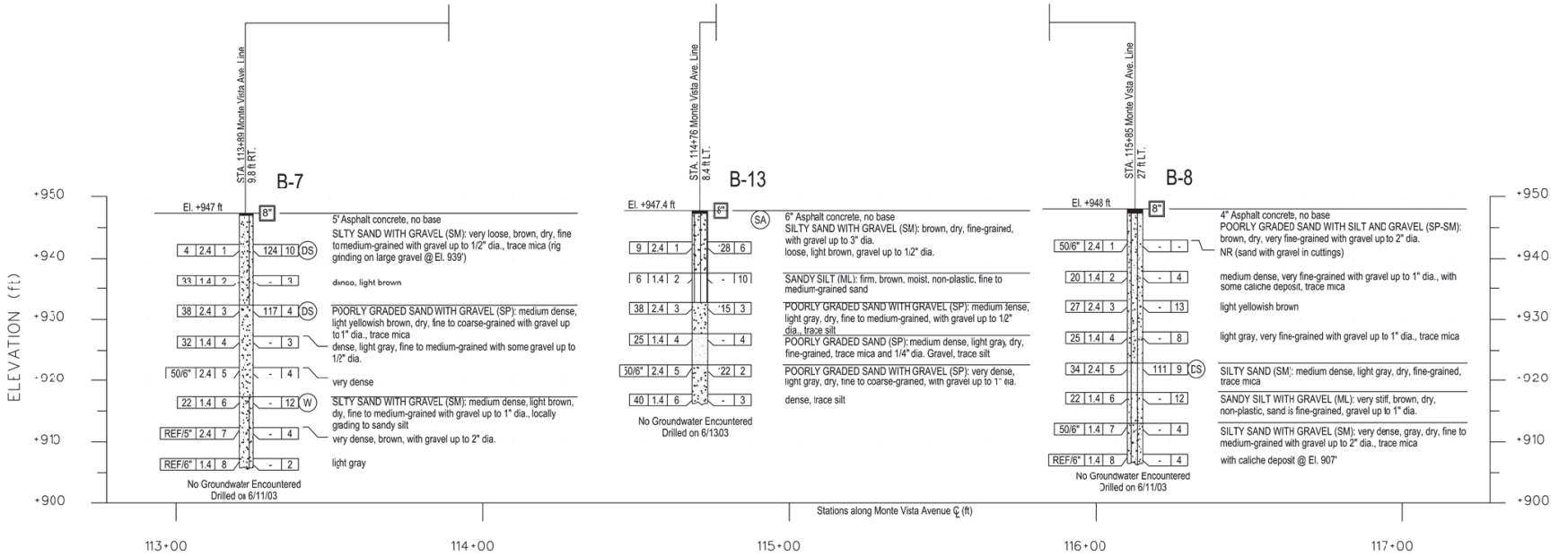

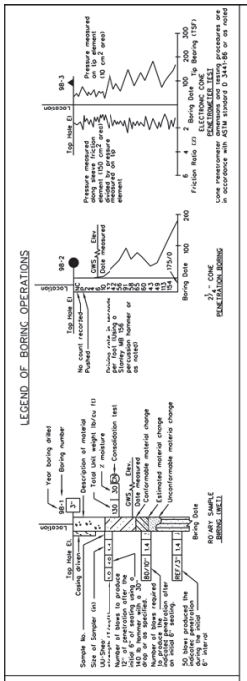

PLAN

1" = 30'

PROFILE

VERTICAL 1" = 10'

HORIZONTAL 1" = 20'

Underground Service Alert
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TWO WORKING DAYS BEFORE YOU DIG.

REGISTERED PROFESSIONAL ENGINEER — L. CHEANG — NO. GE 2345 — EXP. 9-30-05 — GEOTECHNICAL — STATE OF CALIFORNIA

Earth Mechanics, Inc.
Geotechnical and Earthquake Engineering
17660 Newhope Street, Suite E
Fountain Valley, California 92708

REVIEWED BY: Lino Cheang
L. CHEANG — DATE: 2-26-04 — RGE #2345

MARK	REVISIONS	BY	APPR.	DATE

APPROVED _____ 2006
MICHAEL HUDSON, CITY OF MONTCLAIR
DEVELOPMENT SERVICES DEPARTMENT-PUBLIC WORKS/ENGINEERING
REGISTERED CIVIL ENGINEER NO.
MY LICENSE EXPIRES
DRAWN BY: S. SICILIANO
CHECKED BY: L. YAN
RECOMMENDED BY:

CITY OF MONTCLAIR
DEVELOPMENT SERVICES DEPARTMENT

MONTE VISTA AVENUE
GRADE SEPARATION

LOG OF TEST BORINGS B-7, B-8, B-13

CITY FILE NO -------
DRAWING NO -----
SHEET 81 OF 82 SHEETS

81_LOTB.dwg 8/5/2011 12:44:39 PM

Notes:

(1) 1.4-inch samples were taken using a SPT sampler with an inside diameter (I.D.) of 1.4" and an outside diameter (O.D.) of 2".

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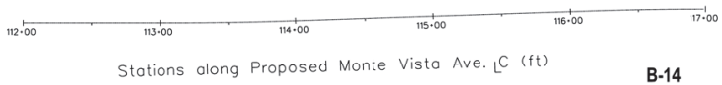
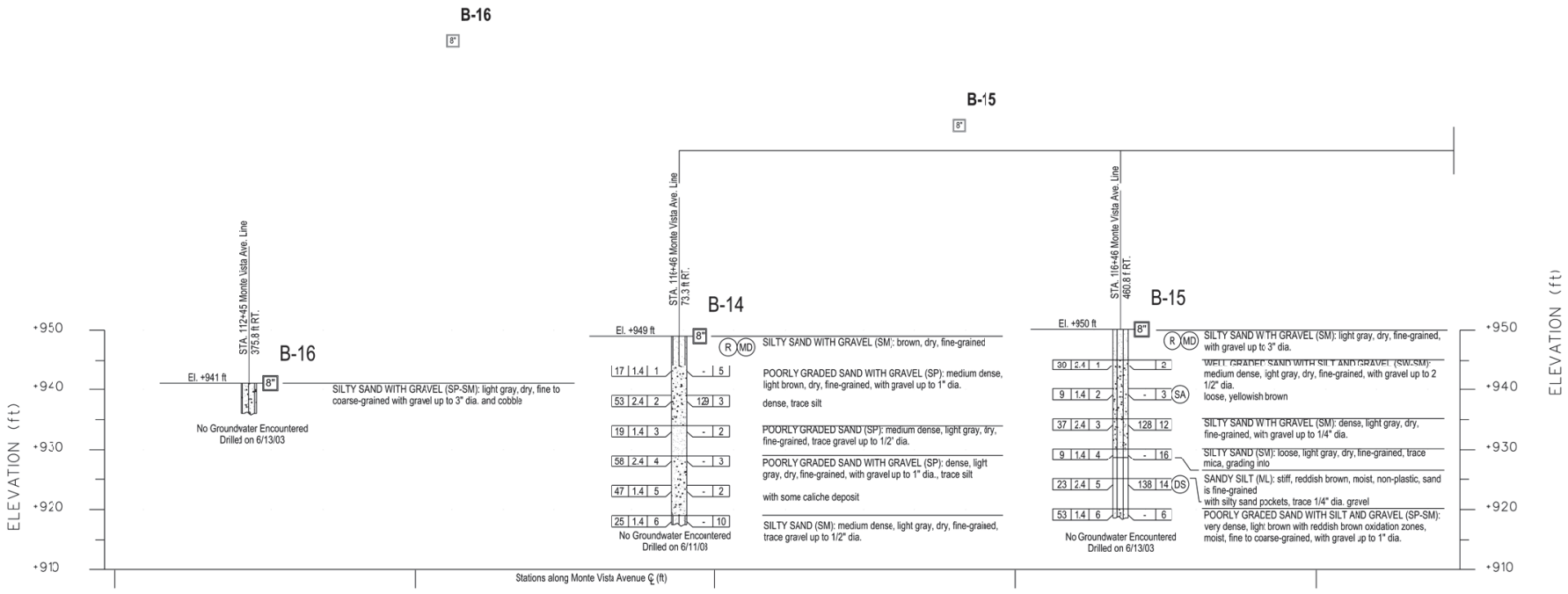


PLAN

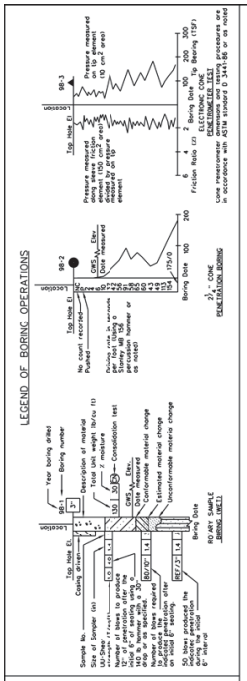
1"=50'



PROFILE

VERTICAL 1"=10'

HORIZONTAL 1"=20'



Underground Service Alert
Call TOLL FREE
1-800
-22-4133
TWO WORKING DAYS BEFORE YOU DIG.

REGISTERED PROFESSIONAL ENGINEER
L. CHEANG
NO. GE 2345
EXP. 6-30-05
GEOTECHNICAL
STATE OF CALIFORNIA

Earth Mechanics, Inc.
Geotechnical and Earthquake Engineering
17660 Newhope Street, Suite E
Fountain Valley, California 92708

REVIEWED BY:
Lino Cheang
L. CHEANG
DATE: 2-26-04
RGE #2345

MARK	REVISIONS	BY	APPR.	DATE

APPROVED_____ 2006
MICHAEL HUDSON, CITY OF MONTCLAIR
DEVELOPMENT SERVICES DEPARTMENT-PUBLIC WORKS/ENGINEERING
REGISTERED CIVIL ENGINEER NO.
MY LICENSE EXPIRES
DRAWN BY: S. SICILIANO
CHECKED BY: L. YAN
RECOMMENDED BY:

CITY OF MONTCLAIR
DEVELOPMENT SERVICES DEPARTMENT

MONTE VISTA AVENUE
GRADE SEPARATION

LOG OF TEST BORINGS B-14, B-15, B-16

CITY FILE NO

DRAWING NO

SHEET 82 OF 82 SHEETS

82_LOTB.dwg 8/5/2011 12:59:08 PM