

LB55570

REDACTED

United States Environmental Protection Agency
Region 4



35TH AVENUE REMOVAL INVESTIGATION
BIRMINGHAM, ALABAMA
JEFF CROWLEY, ON-SCENE COORDINATOR

FIELD SAMPLING LOGBOOK

Book 1 of

Inclusive Dates: 4/8/13

List of Sampling Team in logbook:

Name	Initials	Organization/Duties
(b) (6)		OTIE, Team Leader
		OTIE
		OTIE



Sampling Procedures and Methodology

Unless specified elsewhere in this logbook, all soil samples will be collected in accordance with the EPA Science and Ecosystem Division (SESD) Field Branches Quality System and Technical Procedures (FBQSTP) Soil Sampling (SESDPROC-300-R2) based on the following design.

The total number of 5-point composite surface soil samples (0-4 inches below ground surface) to be collected from each property will be based on the lot size as follows:

- For residential properties with a total parcel lot size equal to or less than (\leq) 5,000 square feet - the front yard and back yards of each property. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may also be collected from the side yard. Aliquots will be collected away from influences with drip lines and burn areas in a five dice configuration (each of the four corners and the center).
- For residential properties with a total parcel lot size greater than ($>$) 5,000 square feet and \leq ¼-acre - the property should be divided into two roughly equal surface areas. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may be collected from the side yard with the remainder of the property being divided into two roughly equal surface areas. Aliquots will be collected away from influences including drip lines and burn areas with reasonably equal spacing between aliquots.
- Residential properties over ¼-acre in parcel lot size will be divided into ¼-acre sections. When dividing any such property with a substantial side yard (primarily corner lots), one composite soil sample may be collected from the side yard. Aliquots will be collected away from influences including drip lines and burn areas in a five dice configuration, if possible, with reasonably equal spacing between aliquots.

Grab surface soil samples will be collected from apparent exposure pathways where active play sets are located.

Three-point composite surface soil samples will be collected from distinct vegetable gardens from each residential property.

Samples shall not be collected under paved areas or under stationary fixed structures.

Grab sediment samples will be collected in accordance with EPA SESD FBSTP Sediment Sampling (SESDPROC-200-R2) from any surface water drainage pathways located on individual properties, as directed by the OSC, and in and along the banks of the 34th Street North Ditch.

Each surface soil or sediment sample should be homogenized in a stainless steel bowl. One 8-ounce jar will be filled and the remaining sample material will be placed in zip-top bags for screening. Information identifying the location, sample, and date/time will be inscribed on each jar and zip-top bag.

All sample bags will be screened for metals in accordance with SESD FBQSTP Field XRF Measurement (SESDPROC-107-R2) using a Niton XRF. The sample will be dried before sieving or analysis is performed. Once the sample has dried, the sample will be divided into two subsamples; one subsample will be sieved through a #10 screen (2 mm) and the other will be left unsieved. Once separated into sieved and unsieved samples, the zip-top bag will be compressed by folding over the excess plastic and removing as much air and space from the sample as possible. The XRF will be placed directly on the exterior of the compressed sample in the plastic zip-top bag to measure metals concentrations. Following XRF screening, the unsieved portion of the sample material will be containerized into one 8-ounce jars and the sieved portion of the sample will be containerized into another 8-ounce jar.

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Based on the site DQOs the 8-ounce jars of surface soil and sediment samples should be submitted to PEL, Tampa, Florida (a NELAC certified laboratory) for low level PAH, and/or TCL SVOC, RCRA metals, PCB, and/or Hexavalent Chromium analysis. RCRA metals will be analyzed from both the sieved and unsieved portions of the sample. All other analysis will be conducted on the unsieved portion.

The location of each aliquot will also be logged in accordance with SESD FBQSTP Global Positioning System (SESDPROC- 110-R3) using a Trimble GPS.

A description of the color and texture of the aliquot material will be recorded in each box.

The **station ID** for each location will consist of seven characters, beginning with the six digit Property ID designation for the property followed by a alphabetic letter beginning with "A".

e.g. CV0001A would be the station ID for the front yard 5-pt composite sample collected at the property with Property ID CV0001.

The **sample ID** for each sample is the station ID with "CS" (composite soil), "GS" (grab soil), "SD" (sediment), or "SW" (surface water) appended, therefore, the sample ID for this sample would be CV0001A-CS. Co-located duplicates will be designated by appending a "D" to the end of the sample ID. Pan splits will be identified by appending an "SP" to the end of the sample ID.

(b) (6)

ADDRESS:

PROPERTY ID:

Fm0114

DATE:

4/8/13

ARRIVAL TIME:

1300

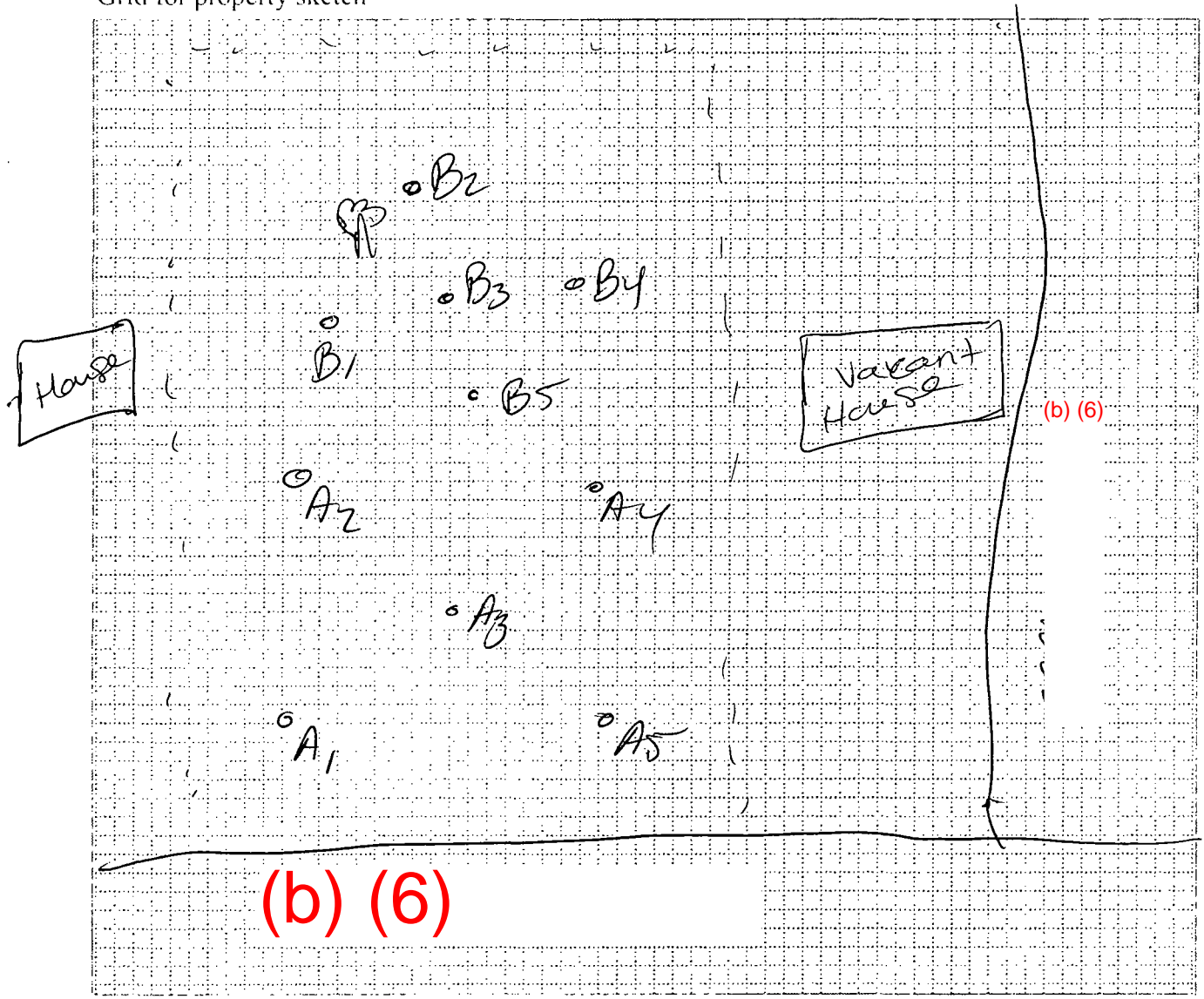
Other pertinent information (weather conditions, etc.):

Sunny, 79°F

PROPERTY COMMENTS:

vacant lot; overgrown
w/ (b) (6) legal team representative

Grid for property sketch



STATION ID: FM0114A SAMPLE ID: Fm0114A-CSSP

SAMPLE COLLECTION TIME: 1325

Description of sample location (front, back, side yard, vegetable garden, play set, ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: Fm0114A

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>]	Instrument #:	<u>018594</u>	Logged?	<u>Y</u>	or N
Aliquot #1:	Latitude:	<u>33.56454340</u>	N Longitude	<u>86.81080868</u>	W	
	Media description:	<u>DK brown silty clay w/ gravel & coal</u>				
Aliquot #2:	Latitude:	<u>33.56464563</u>	N Longitude	<u>86.81080209</u>	W	
	Media description:	<u>Same as #1</u>				
Aliquot #3:	Latitude:	<u>33.56459979</u>	N Longitude	<u>86.81069391</u>	W	
	Media description:	<u>Same as #1</u>				
Aliquot #4:	Latitude:	<u>33.56464618</u>	N Longitude	<u>86.81062347</u>	W	
	Media description:	<u>Same as #1</u>				
Aliquot #5:	Latitude:	<u>33.56453682</u>	N Longitude	<u>86.81062159</u>	W	
	Media description:	<u>Same as #1</u>				

STATION ID: FM0114B SAMPLE ID: Fm0114B-CSSP

SAMPLE COLLECTION TIME: 1333

Description of sample location (front, back, side yard, vegetable garden, play set, ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: Fm0114B

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>]	Instrument #:	<u>018594</u>	Logged?	<u>Y</u>	or N
Aliquot #1:	Latitude:	<u>33.56472876</u>	N Longitude	<u>86.81079935</u>	W	
	Media description:	<u>DK brown sandy silt</u>				
Aliquot #2:	Latitude:	<u>33.56479841</u>	N Longitude	<u>86.81066026</u>	W	
	Media description:	<u>Same as #1</u>				
Aliquot #3:	Latitude:	<u>33.56471795</u>	N Longitude	<u>86.81071796</u>	W	
	Media description:	<u>Same as #1</u>				
Aliquot #4:	Latitude:	<u>33.56469445</u>	N Longitude	<u>86.81061262</u>	W	
	Media description:	<u>Same as #1</u>				
Aliquot #5:	Latitude:	<u>33.56465021</u>	N Longitude	<u>86.81072121</u>	W	
	Media description:	<u>Same as #1</u>				

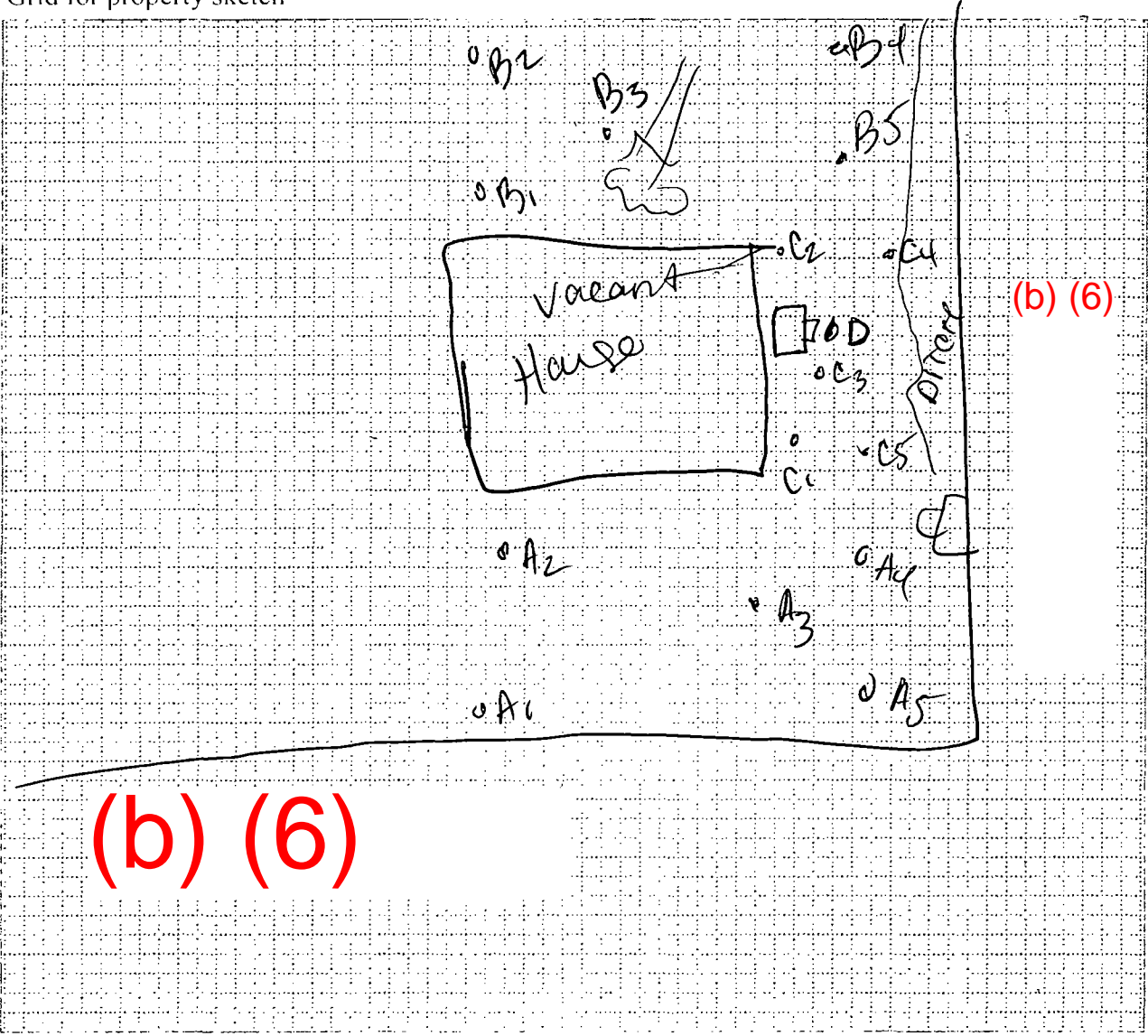
ADDRESS: (b) (6) PROPERTY ID: Fm0117

DATE: 4/8/13 ARRIVAL TIME: 1350

Other pertinent information (weather conditions, etc.):
Sunny 79°F

PROPERTY COMMENTS:
vacant home
w/ (b) (6) legal team representative

Grid for property sketch



FM0117A-CS-SP

STATION ID: FM0117A

SAMPLE ID: FM00117A-CS-SP

SAMPLE COLLECTION TIME: 1408

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split Yes or No If yes, indicate Duplicate/split sample station ID: FM01

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N	
Aliquot #1: Latitude: <u>33.56448679</u> N Longitude <u>86.81060931</u> W	Media description: <u>light brown silty sand w/ gravel</u>
Aliquot #2: Latitude: <u>33.56455161</u> N Longitude <u>86.81060235</u> W	Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.56453160</u> N Longitude <u>86.81050587</u> W	Media description: <u>Same as #1</u>
Aliquot #4: Latitude: <u>33.56455965</u> N Longitude <u>86.81043951</u> W	Media description: <u>DK brown silty clay w/ trace coal & debris</u>
Aliquot #5: Latitude: <u>33.56450984</u> N Longitude <u>86.81044769</u> W	Media description: <u>same as #4</u>

STATION ID: FM0117B

SAMPLE ID: FM0117B-CS-SP

SAMPLE COLLECTION TIME: 440 or 4/8/16 1426

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split Yes or No If yes, indicate Duplicate/split sample station ID: FM0117B

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N	
Aliquot #1: Latitude: <u>33.56470168</u> N Longitude <u>86.81058983</u> W	Media description: <u>DK brown silty sand</u>
Aliquot #2: Latitude: <u>33.56473947</u> N Longitude <u>86.81055276</u> W	Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.56471894</u> N Longitude <u>86.81051429</u> W	Media description: <u>Same as #1</u>
Aliquot #4: Latitude: <u>33.56474942</u> N Longitude <u>86.81043337</u> W	Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.56470272</u> N Longitude <u>86.81042132</u> W	Media description: <u>same as #1</u>

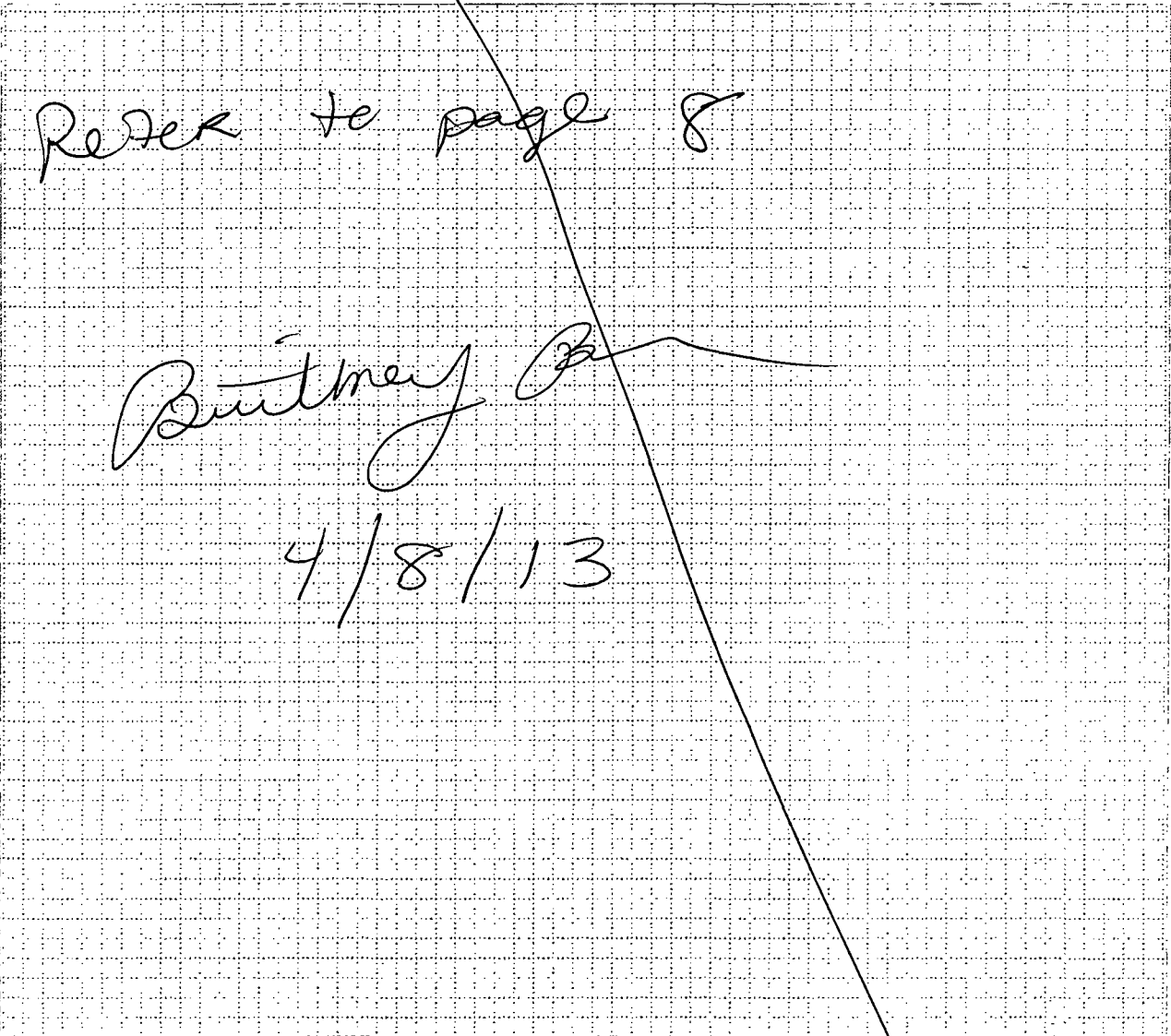
ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm0117C SAMPLE ID: Fm0117C-CS-SP

SAMPLE COLLECTION TIME: 1416

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: Fm0117C

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56456308</u> N Longitude: <u>86.81049408</u> W Media description: <u>DK brown silty clay w/ trace coal & gravel dump</u>
Aliquot #2: Latitude: <u>33.56466865</u> N Longitude: <u>86.81048609</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.56461378</u> N Longitude: <u>86.81046013</u> W Media description: <u>Same as #1</u>
Aliquot #4: Latitude: <u>33.56465965</u> N Longitude: <u>86.81043446</u> W Media description: <u>Same as #1</u>
Aliquot #5: Latitude: <u>33.56458931</u> N Longitude: <u>86.81042966</u> W Media description: <u>Same as #1</u>

STATION ID: Fm0117D SAMPLE ID: Fm0117D-GS-SP

SAMPLE COLLECTION TIME: 1434

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: No or No If yes, indicate Duplicate/split sample station ID: Fm0117D

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56463522</u> N Longitude: <u>86.81046434</u> W Media description: _____
Aliquot #2: Latitude: _____ N Longitude: _____ W Media description: _____
Aliquot #3: Latitude: _____ N Longitude: _____ W Media description: _____
Aliquot #4: Latitude: _____ N Longitude: _____ W Media description: _____
Aliquot #5: Latitude: _____ N Longitude: _____ W Media description: _____

BB 4/8/13

(b) (6)

ADDRESS: _____ PROPERTY ID: CY0637

DATE: 4/8/13 ARRIVAL TIME: 1455

Other pertinent information (weather conditions, etc.):

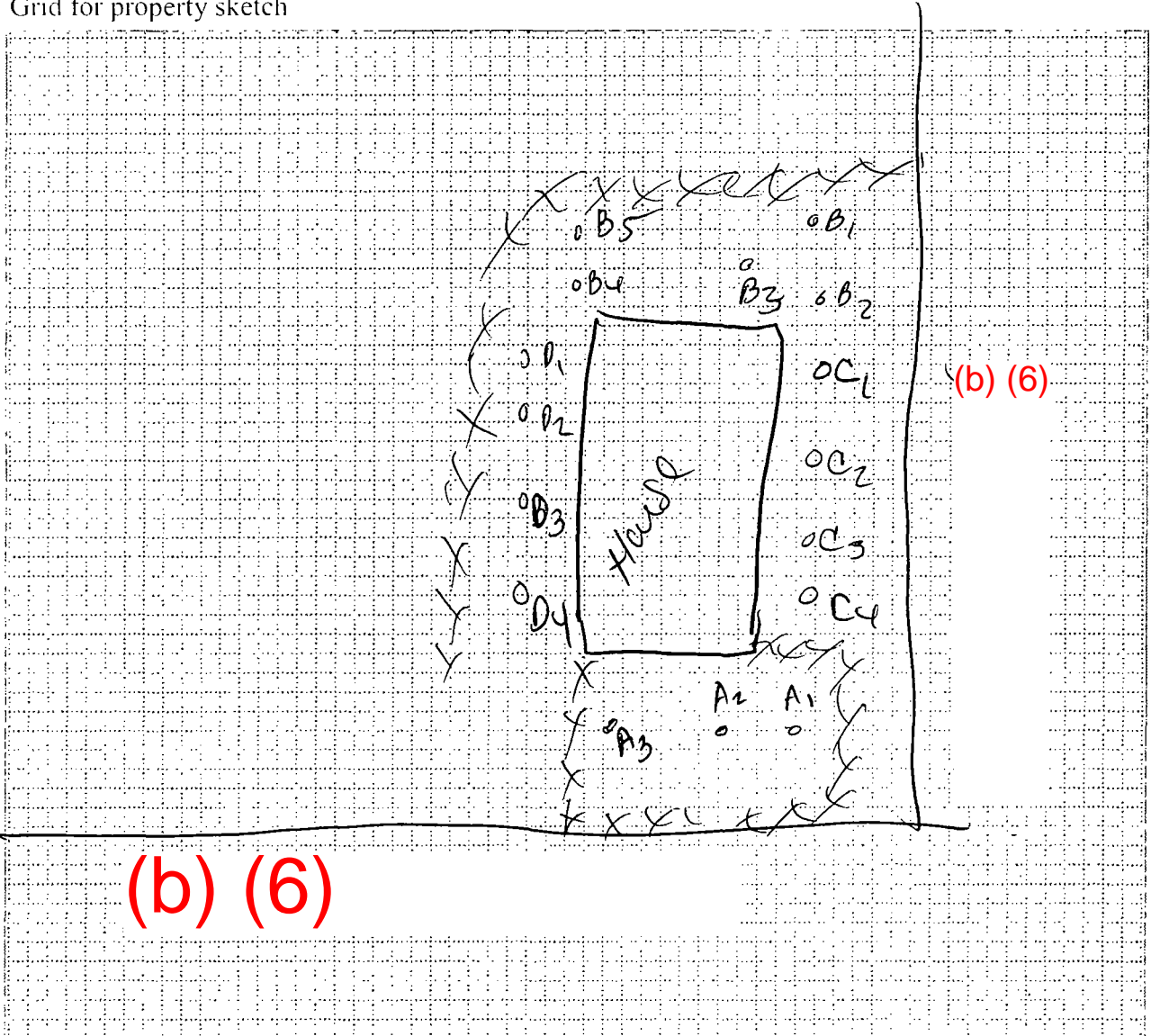
88°F, sunny

PROPERTY COMMENTS:

Resident Home

w/ (b) (6) legal team representative

Grid for property sketch



STATION ID: CV0637A SAMPLE ID: CV0637A-CS-SP

SAMPLE COLLECTION TIME: 1530

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0637A

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.55836384</u> N Longitude: <u>86.80211955</u> W Media description: <u>DK bwn silty clay w/ gravel & coal chips</u>
Aliquot #2: Latitude: <u>33.55831291</u> N Longitude: <u>86.80214177</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55828296</u> N Longitude: <u>86.80220302</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: _____ N Longitude: _____ W Media description: _____
Aliquot #5: Latitude: _____ N Longitude: _____ W Media description: _____

BP 4/8/13

STATION ID: CV0637B SAMPLE ID: CV0637B-CS-SP

SAMPLE COLLECTION TIME: 1545

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0637B

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.55860075</u> N Longitude: <u>86.80245763</u> W Media description: <u>DK bwn silty clay w/ gravel & coal</u>
Aliquot #2: Latitude: <u>33.55854403</u> N Longitude: <u>86.80239897</u> W Media description: <u>white sandy gravel</u>
Aliquot #3: Latitude: <u>33.55852970</u> N Longitude: <u>86.80245905</u> W Media description: <u>white sandy gravel</u>
Aliquot #4: Latitude: <u>33.55848189</u> N Longitude: <u>86.80248462</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.55850253</u> N Longitude: <u>86.80255140</u> W Media description: <u>same as #1</u>

ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

Refer to page 12
Brentley
4/8/13

STATION ID: CV0637C SAMPLE ID: CV06370-CS-SP

SAMPLE COLLECTION TIME: 1536

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV06370 BB 4/8/13

CV0637C

GPS Coordinates: Trimble [] Instrument #: 018594 Logged? (Y) or N

Aliquot #1: Latitude: 33.55853757 N Longitude: 86.80234762 W
Media description: DK brown/blk silty w/ coal & gravel

Aliquot #2: Latitude: 33.55848616 N Longitude: 86.80227767 W
Media description: Same as #1

Aliquot #3: Latitude: 33.55844389 N Longitude: 86.80222363 W
Media description: Same as #1

Aliquot #4: Latitude: 33.55840547 N Longitude: 86.80216462 W
Media description: Same as #1

~~Aliquot #5: Latitude: _____ N Longitude: _____
Media description: _____~~ BB 4/8/13

STATION ID: CV063D SAMPLE ID: CV06370-CS-SP

SAMPLE COLLECTION TIME: 1520

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV06370

GPS Coordinates: Trimble [] Instrument #: 018594 Logged? (Y) or N

Aliquot #1: Latitude: 33.55843711 N Longitude: 86.80245809 W
Media description: DK brown/blk silty clay w/ coal chips & gravel

Aliquot #2: Latitude: 33.55837800 N Longitude: 86.80238457 W
Media description: Same as #1

Aliquot #3: Latitude: 33.55833179 N Longitude: 86.80232213 W
Media description: Same as #1

Aliquot #4: Latitude: 33.55828233 N Longitude: 86.80225206 W
Media description: Same as #1

~~Aliquot #5: Latitude: _____ N Longitude: _____
Media description: _____~~ BB 4/8/13

ADDRESS: (b) (6)

PROPERTY ID: HP0283

DATE: 4/9/13

ARRIVAL TIME: 0924

Other pertinent information (weather conditions, etc.):

70°F, sunny

PROPERTY COMMENTS:

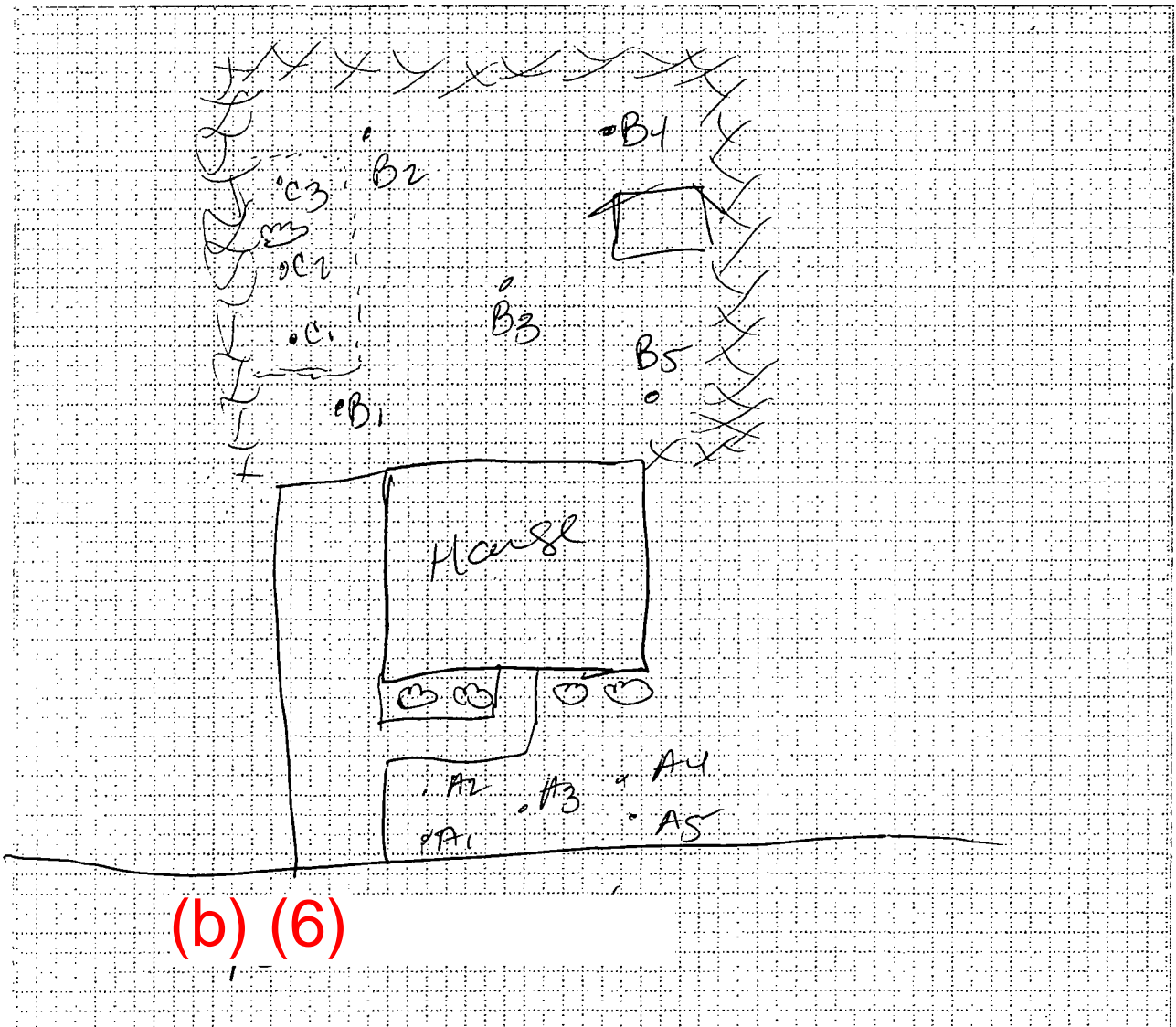
Resident Home

(b) (6) legal team representative

House is raised from the street

vegetable garden is depressed

Grid for property sketch



(b) (6)

STATION ID: HP0283A SAMPLE ID: HP0283A-CS-SP

SAMPLE COLLECTION TIME: 0845

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):
front back

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0283A

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>018594</u>	Logged?	<input checked="" type="checkbox"/>	or N
Aliquot #1:	Latitude:	<u>33.56743133</u>	N Longitude	<u>86.78995832</u>	W	
	Media description:	<u>Brun silty clay w/ some gravel</u>				
Aliquot #2:	Latitude:	<u>33.56739617</u>	N Longitude	<u>86.78995261</u>	W	
	Media description:	<u>Same #1</u>				
Aliquot #3:	Latitude:	<u>33.56741248</u>	N Longitude	<u>86.78998024</u>	W	
	Media description:	<u>Same as #1</u>				
Aliquot #4:	Latitude:	<u>33.56737546</u>	N Longitude	<u>86.79003729</u>	W	
	Media description:	<u>Blk silty clay w/ gravel & coal fragments</u>				
Aliquot #5:	Latitude:	<u>33.56743171</u>	N Longitude	<u>86.79003391</u>	W	
	Media description:	<u>Same as #1</u>				

STATION ID: HP0283B SAMPLE ID: HP0283B-CS-SP

SAMPLE COLLECTION TIME: 0855

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):
back side yard

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0283B

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>018594</u>	Logged?	<input checked="" type="checkbox"/>	or N
Aliquot #1:	Latitude:	<u>33.56720113</u>	N Longitude	<u>86.78991723</u>	W	
	Media description:	<u>Brun silty clay w/ gravel, trace coal, & debris dry</u>				
Aliquot #2:	Latitude:	<u>33.56708039</u>	N Longitude	<u>86.78991966</u>	W	
	Media description:	<u>Same as #1</u>				
Aliquot #3:	Latitude:	<u>33.56714382</u>	N Longitude	<u>86.78997314</u>	W	
	Media description:	<u>Same as #1</u>				
Aliquot #4:	Latitude:	<u>33.56708364</u>	N Longitude	<u>86.78999539</u>	W	
	Media description:	<u>Same as #1</u>				
Aliquot #5:	Latitude:	<u>33.86718996</u>	N Longitude	<u>86.79002916</u>	W	
	Media description:	<u>Same as #1</u>				

ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

Refer to page 16

Quintus

4/9/13

STATION ID: HPO283C SAMPLE ID: HPO283C-C5-SP

SAMPLE COLLECTION TIME: 0905

Description of sample location (front, back, side yard, vegetable garden, play set, ditch, etc):
vegetable garden

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO283C

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1: Latitude: <u>33.56717718</u> N Longitude: <u>86.78991999</u> W Media description: <u>Bran silty clay ddy w/ gravel, coal & debris</u>
Aliquot #2: Latitude: <u>33.56714729</u> N Longitude: <u>86.78992313</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.56711341</u> N Longitude: <u>86.78992384</u> W Media description: <u>Same as #1</u>
Aliquot #4: Latitude: _____ N Longitude: _____ W Media description: _____
Aliquot #5: Latitude: _____ N Longitude: _____ W Media description: _____

BB 4/9/13

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard, vegetable garden, play set, ditch, etc):
~~_____~~

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [] Instrument #: _____ Logged? Y or N
Aliquot #1: Latitude: _____ N Longitude: _____ W Media description: _____
Aliquot #2: Latitude: _____ N Longitude: _____ W Media description: _____
Aliquot #3: Latitude: _____ N Longitude: _____ W Media description: _____
Aliquot #4: Latitude: _____ N Longitude: _____ W Media description: _____
Aliquot #5: Latitude: _____ N Longitude: _____ W Media description: _____

BB 4/9/13

ADDRESS: (b) (6)

PROPERTY ID: HPO142

DATE: 4/9/13

ARRIVAL TIME: 0920

Other pertinent information (weather conditions, etc.):

72°F, Sunny

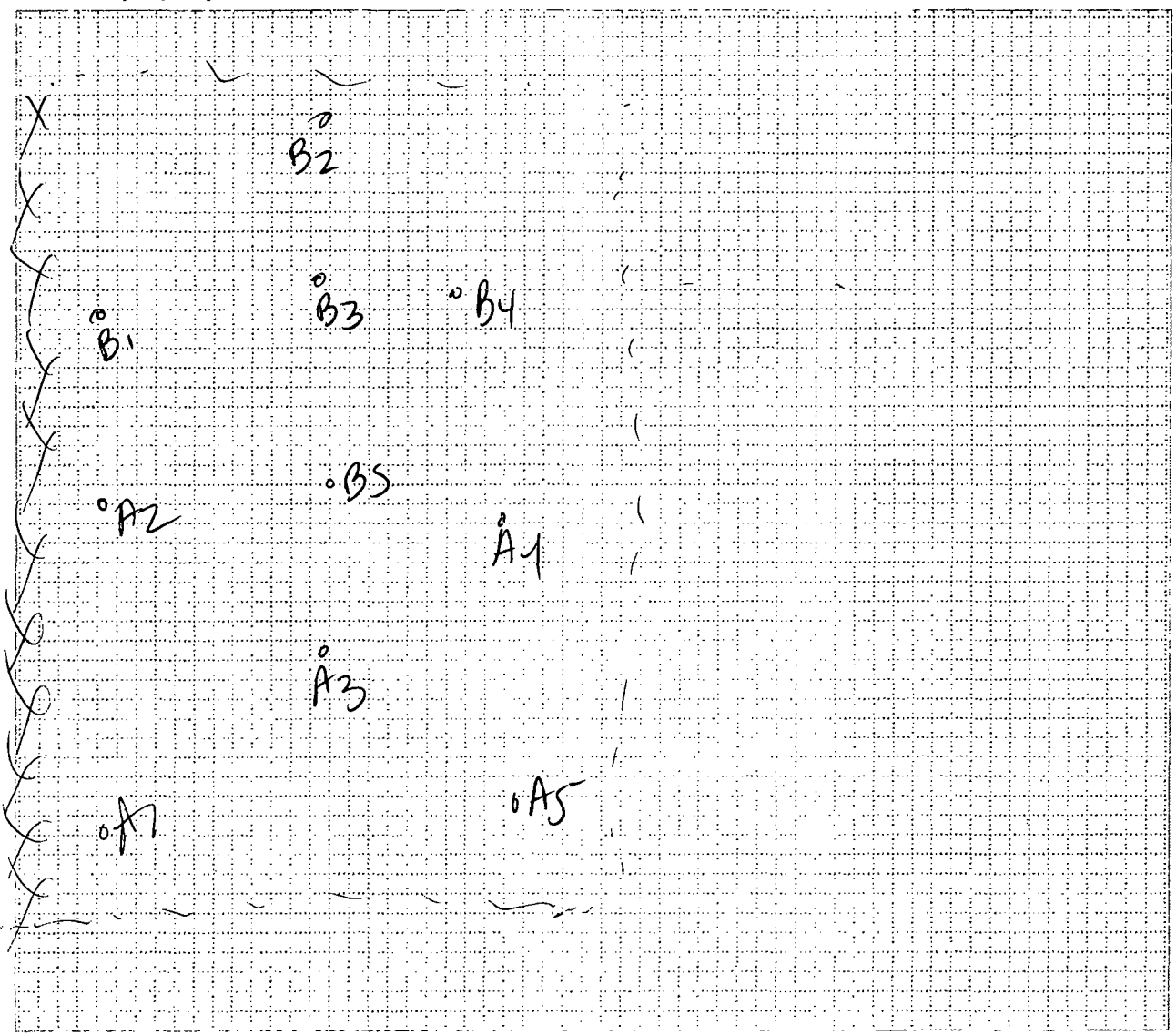
PROPERTY COMMENTS:

vacant lot

(b) (6)

legal team representative

Grid for property sketch



STATION ID: HP0142A SAMPLE ID: HP0142A-CS-SP

SAMPLE COLLECTION TIME: 0937

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
(back)

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split Yes or No If yes, indicate Duplicate/split sample station ID: HP0142A

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>018594</u>	Logged?	<input checked="" type="checkbox"/>	or N
Aliquot #1:	Latitude:	<u>33.56473742</u>	N Longitude	<u>86.79044437</u>	W	
	Media description:	<u>DK brwn silty clay w/ gravel, debris, & coal</u>				
Aliquot #2:	Latitude:	<u>33.56458041</u>	N Longitude	<u>86.79044618</u>	W	
	Media description:	<u>Grey sandy silt w/ gravel</u>				
Aliquot #3:	Latitude:	<u>33.56466107</u>	N Longitude	<u>86.79049568</u>	W	
	Media description:	<u>same as #2</u>				
Aliquot #4:	Latitude:	<u>33.56458113</u>	N Longitude	<u>86.79054889</u>	W	
	Media description:	<u>same as #1</u>				
Aliquot #5:	Latitude:	<u>33.56474366</u>	N Longitude	<u>86.79054405</u>	W	
	Media description:	<u>same as #1</u>				

STATION ID: HP0142B SAMPLE ID: HP0142B-CS-SP

SAMPLE COLLECTION TIME: 0946

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
(back)

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split Yes or No If yes, indicate Duplicate/split sample station ID: HP0142B

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>018594</u>	Logged?	<input checked="" type="checkbox"/>	or N
Aliquot #1:	Latitude:	<u>33.56448682</u>	N Longitude	<u>86.79043715</u>	W	
	Media description:	<u>Brun / grey sandy silt w/ gravel</u>				
Aliquot #2:	Latitude:	<u>33.56440839</u>	N Longitude	<u>86.79049481</u>	W	
	Media description:	<u>Blk silty clay w/ gravel, debris & coal</u>				
Aliquot #3:	Latitude:	<u>33.56448838</u>	N Longitude	<u>86.79049764</u>	W	
	Media description:	<u>same as #2</u>				
Aliquot #4:	Latitude:	<u>33.56448454</u>	N Longitude	<u>86.79055009</u>	W	
	Media description:	<u>Brun silty clay w/ gravel & debris</u>				
Aliquot #5:	Latitude:	<u>33.56457705</u>	N Longitude	<u>86.79049839</u>	W	
	Media description:	<u>same as #4</u>				

(b) (6)

ADDRESS:

PROPERTY ID:

H1P0140

DATE:

4/9/13

ARRIVAL TIME:

0020

Other pertinent information (weather conditions, etc.):

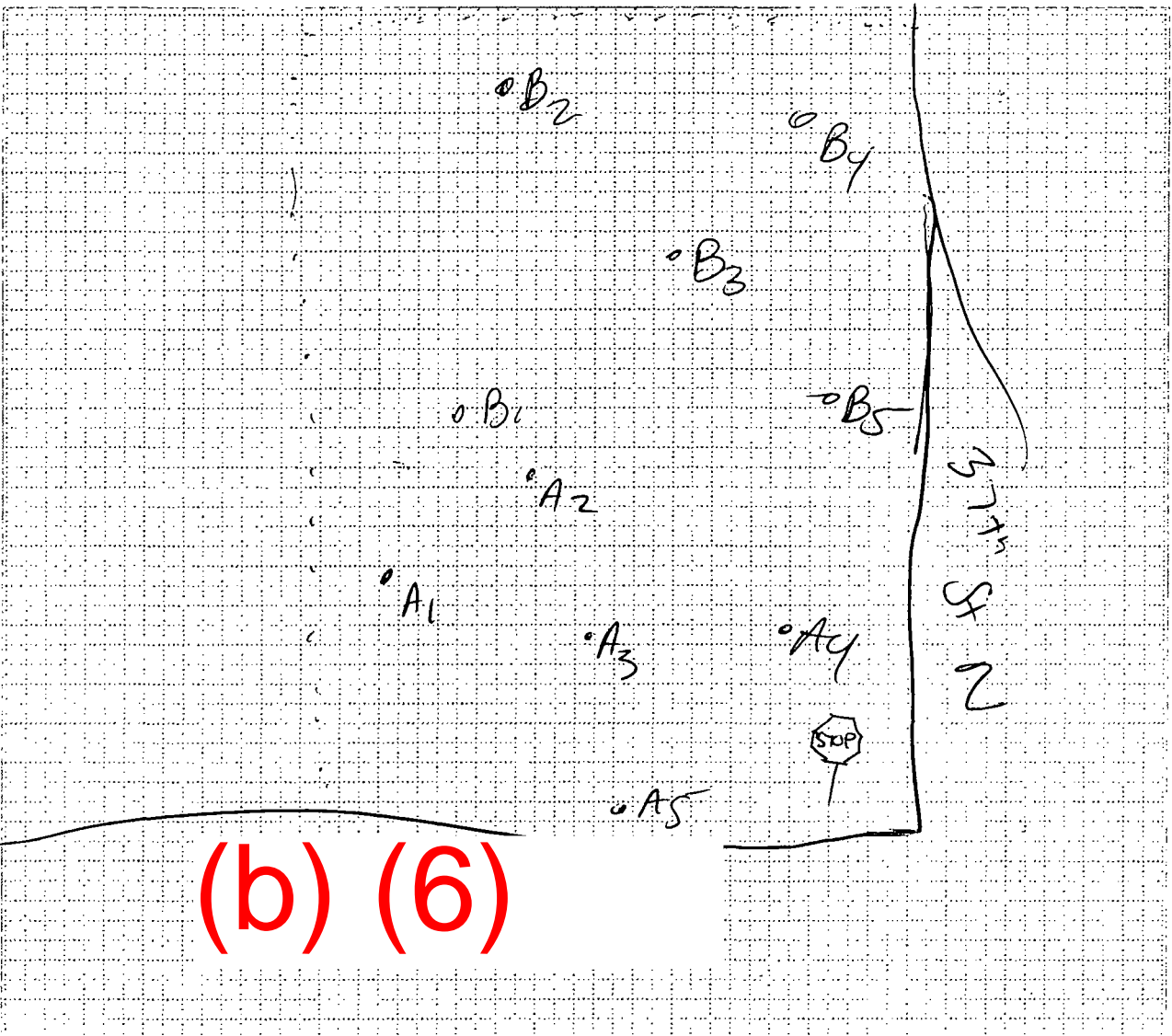
72°F, Sunny

PROPERTY COMMENTS:

~~Resident~~ Vacant lot

w/ (b) (6) legal team representative

Grid for property sketch



(b) (6)

STATION ID: HP0140A SAMPLE ID: HP0140A-CS-SP

SAMPLE COLLECTION TIME: 1011

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0140A

GPS Coordinates: Trimble [] Instrument #: 018594 Logged? or N

Aliquot #1: Latitude: 33.56465351 N Longitude 86.79057557 W
Media description: DK brown silty clay w/ gravel & coal

Aliquot #2: Latitude: 33.56457055 N Longitude 86.79064018 W
Media description: same as #1

Aliquot #3: Latitude: 33.56464942 N Longitude 86.79063391 W
Media description: same as #1

Aliquot #4: Latitude: 33.56464244 N Longitude 86.79071793 W
Media description: same as #1

Aliquot #5: Latitude: 33.56473707 N Longitude 86.79063498 W
Media description: same as #1

STATION ID: HP0140B SAMPLE ID: HP0140B-CS-SP

SAMPLE COLLECTION TIME: 1022

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0140B

GPS Coordinates: Trimble [] Instrument #: 018594 Logged? or N

Aliquot #1: Latitude: 33.56455708 N Longitude 86.79058022 W
Media description: DK brown silty clay w/ gravel & coal

Aliquot #2: Latitude: 33.56440284 N Longitude 86.79058131 W
Media description: same as #1

Aliquot #3: Latitude: 33.56448443 N Longitude 86.79064035 W
Media description: same as #1

Aliquot #4: Latitude: 33.56441898 N Longitude 86.79069807 W
Media description: same as #1

Aliquot #5: Latitude: 33.56455433 N Longitude 86.79069488 W
Media description: same as #1

(b) (6)

ADDRESS: _____

ERTY ID: CV0675

DATE: 4/9/13 ARRIVAL TIME: 1327

Other pertinent information (weather conditions, etc.):

86°F, Sunny

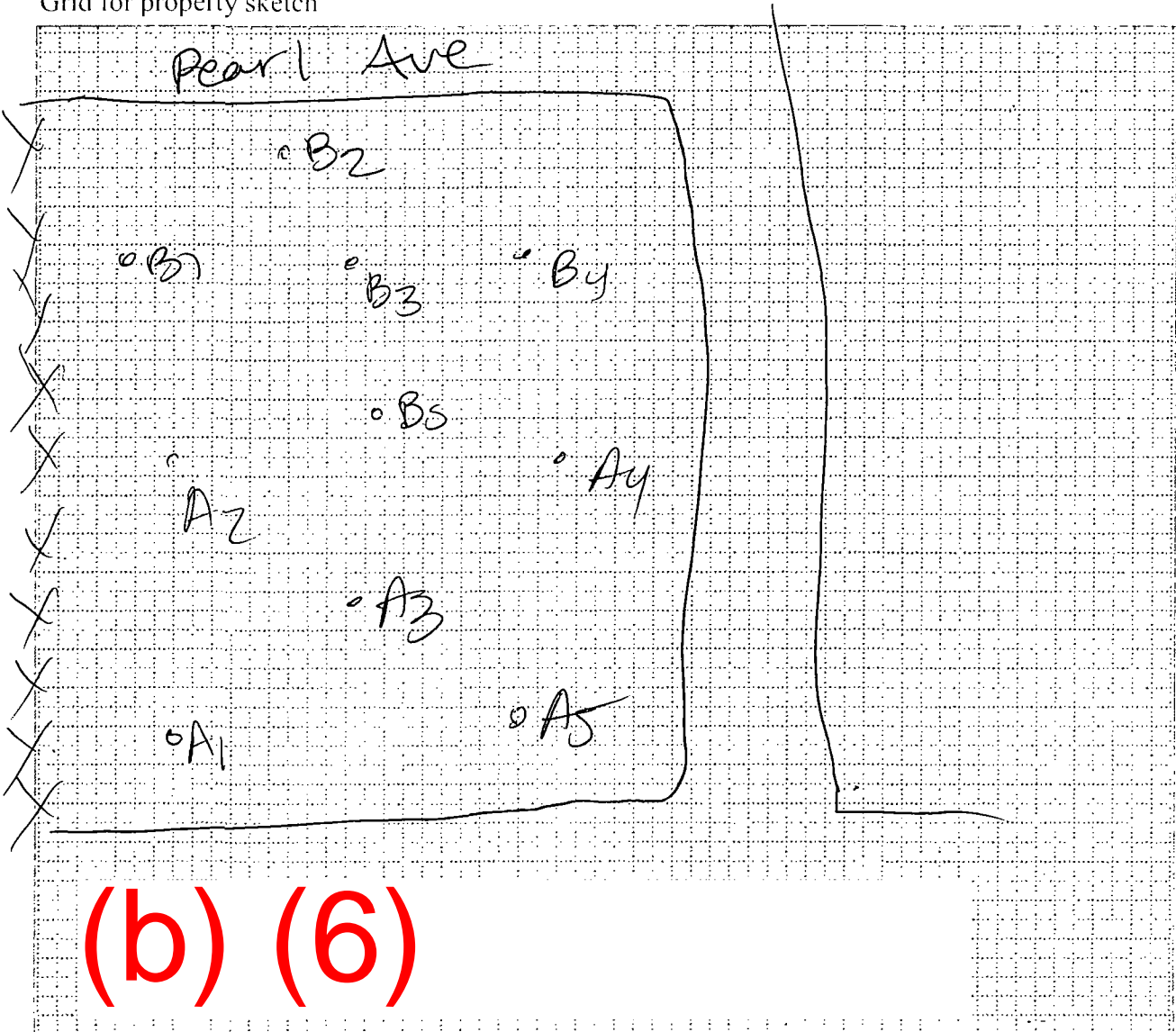
PROPERTY COMMENTS:

Vacant lot

(b) (6)

legal team representative
visible coal fragments on the
surface

Grid for property sketch



STATION ID: CV0675A SAMPLE ID: CV0675A-CS-SP

SAMPLE COLLECTION TIME: 1242

Description of sample location (front) back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0675A

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56116186</u> N Longitude: <u>86.79915011</u> W Media description: <u>DK brn silty clay w/ coal + debris</u>
Aliquot #2: Latitude: <u>33.56121083</u> N Longitude: <u>86.79922726</u> W Media description: <u>reddish orange clay</u>
Aliquot #3: Latitude: <u>33.56123970</u> N Longitude: <u>86.79918118</u> W Media description: <u>DK brn silty clay w/ gravel, debris, + coal</u>
Aliquot #4: Latitude: <u>33.56129251</u> N Longitude: <u>86.79919866</u> W Media description: <u>same as #3</u>
Aliquot #5: Latitude: <u>33.56119566</u> N Longitude: <u>86.79910356</u> W Media description: <u>same as #3</u>

STATION ID: CV0675B SAMPLE ID: CV0675B-CS-SP

SAMPLE COLLECTION TIME: 1252

Description of sample location (back) front, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0675B

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56129876</u> N Longitude: <u>86.79934778</u> W Media description: <u>reddish orange silty clay w/ some coal</u>
Aliquot #2: Latitude: <u>33.56136478</u> N Longitude: <u>86.79938761</u> W Media description: <u>DK brn silty clay w/ gravel + coal</u>
Aliquot #3: Latitude: <u>33.56130490</u> N Longitude: <u>86.79927731</u> W Media description: <u>same as #2</u>
Aliquot #4: Latitude: <u>33.56134861</u> N Longitude: <u>86.79925540</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.56125849</u> N Longitude: <u>86.79920418</u> W Media description: <u>Brun silty clay w/ gravel</u>

(b) (6)

ADDRESS:

PROPERTY ID: CV0928

DATE: 4/9/13

ARRIVAL TIME: 1307

Other pertinent information (weather conditions, etc.):

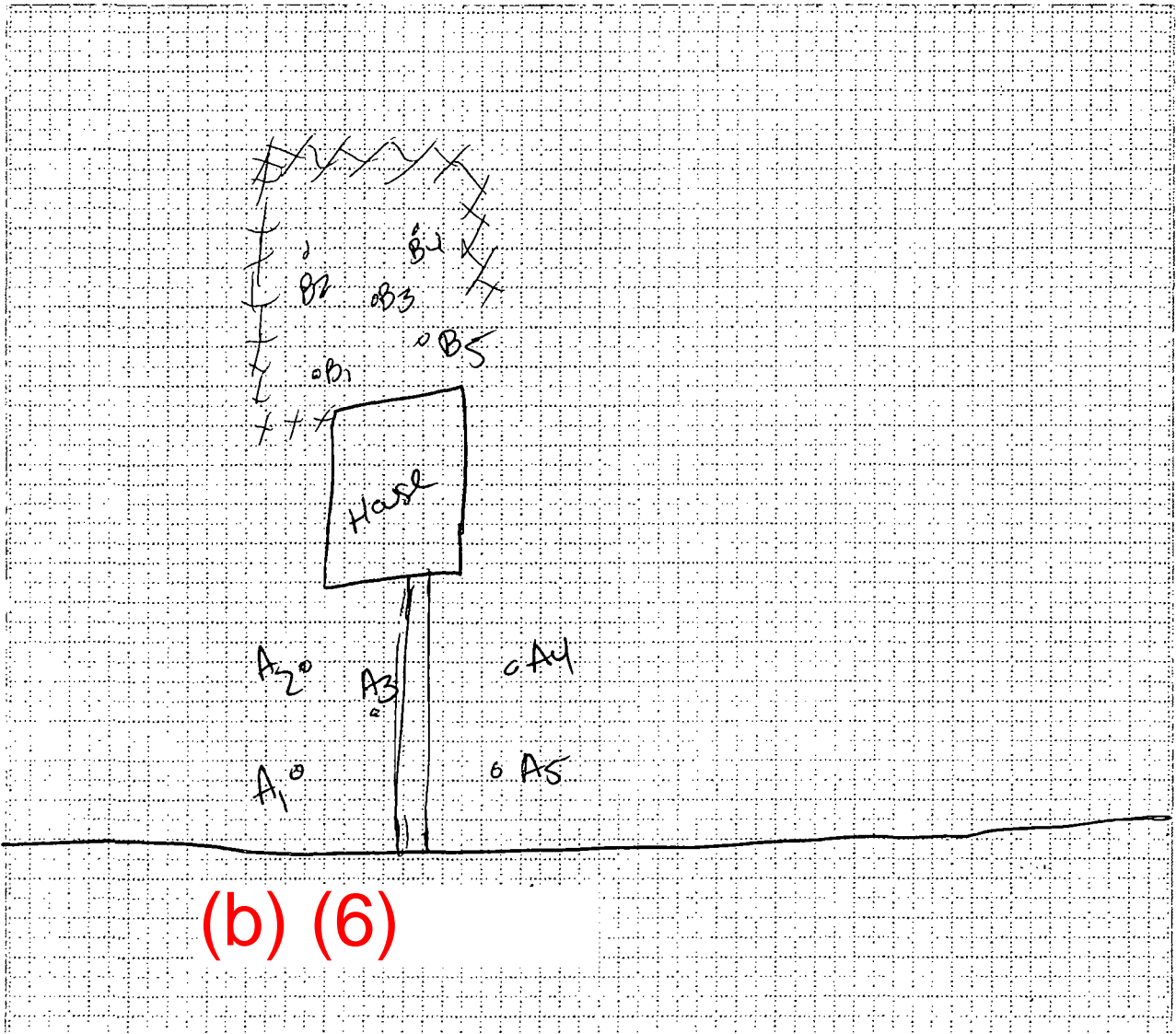
86°F, sunny

PROPERTY COMMENTS:

Resident Home

w/ Cary legal team representative

Grid for property sketch



STATION ID: CV0928A SAMPLE ID: CV0928A-CS-SP

SAMPLE COLLECTION TIME: 1315

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
(front) (back)

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.5575777</u> N Longitude: <u>86.79497969</u> W Media description: <u>DK brown silty clay w/ gravel & coal</u>
Aliquot #2: Latitude: <u>33.55761209</u> N Longitude: <u>86.79499114</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55758927</u> N Longitude: <u>86.79493322</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.55759559</u> N Longitude: <u>86.79488182</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.55757115</u> N Longitude: <u>86.79488181</u> W Media description: <u>same as #1</u>

STATION ID: CV0928B SAMPLE ID: CV0928B-CS-SP

SAMPLE COLLECTION TIME: 1325

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
(front) (back)

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0928B

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.55777931</u> N Longitude: <u>86.79498628</u> W Media description: <u>DK brown silty clay w/ gravel & coal damp</u>
Aliquot #2: Latitude: <u>33.55785290</u> N Longitude: <u>86.79500584</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55782264</u> N Longitude: <u>86.79494870</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.55788635</u> N Longitude: <u>86.79491302</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.55777184</u> N Longitude: <u>86.79489379</u> W Media description: <u>same as #1</u>

ADDRESS: **(b) (6)**

PROPERTY ID: CV1337

DATE: 4/9/13

ARRIVAL TIME: 1358

Other pertinent information (weather conditions, etc.):

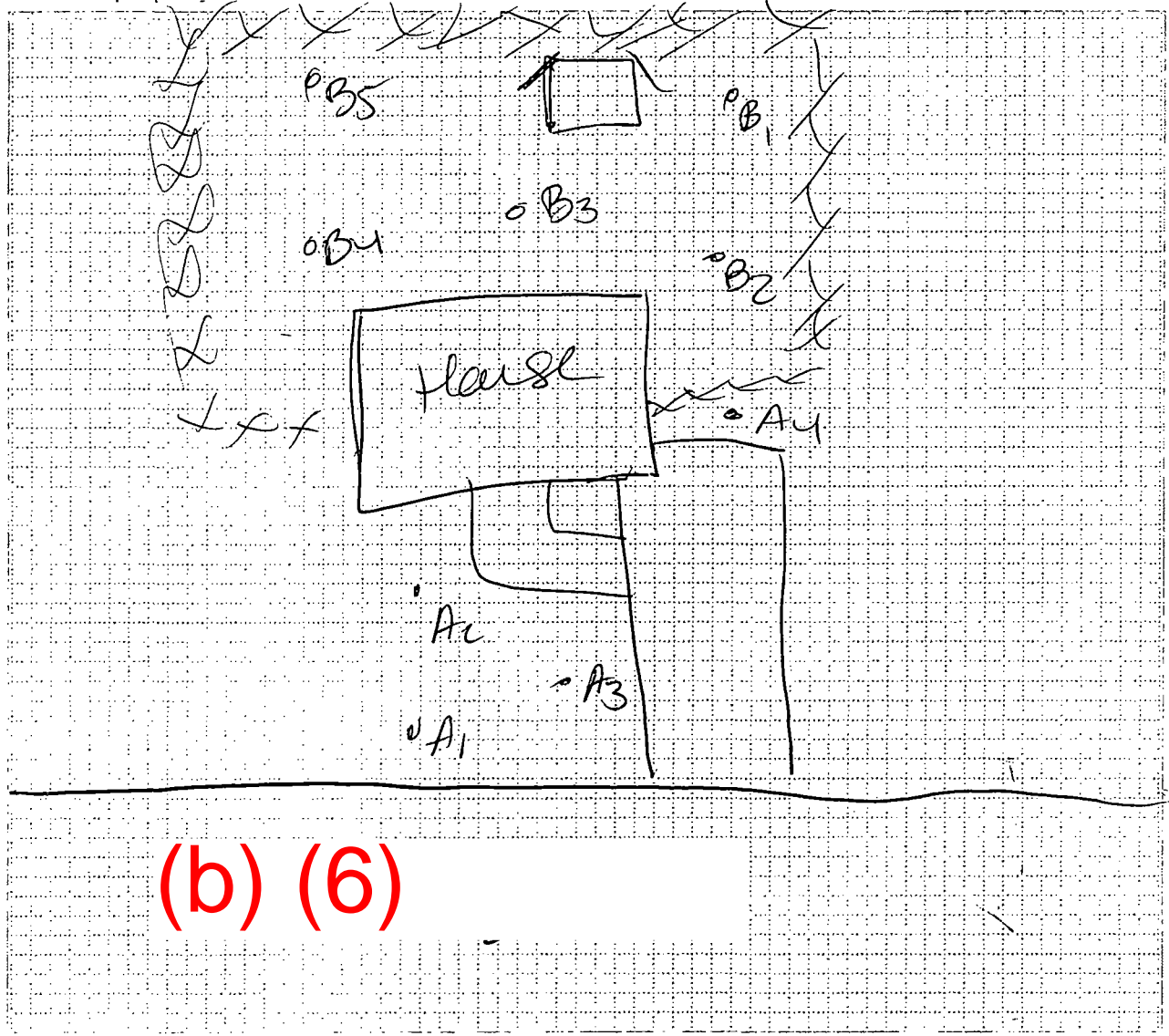
86°F, Sunny

PROPERTY COMMENTS:

Resident Home

(b) (6) legal team representative

Grid for property sketch



(b) (6)

STATION ID: CV1337A SAMPLE ID: CV1337A-CS-SP

SAMPLE COLLECTION TIME: 1416

Description of sample location (front back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV1337A

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.55200213</u> N Longitude <u>86.79918774</u> W Media description: <u>Brun silty clay</u>
Aliquot #2: Latitude: <u>33.55200748</u> N Longitude <u>86.79923671</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.55203651</u> N Longitude <u>86.79920025</u> W Media description: <u>Same as #1</u>
Aliquot #4: Latitude: <u>33.55212164</u> N Longitude <u>86.79925277</u> W Media description: <u>Brun silty clay w/ gravel & coal</u>
Aliquot #5: Latitude: _____ N Longitude _____ <u>DOB 4/9/13</u> W Media description: _____

STATION ID: CV1337B SAMPLE ID: CV1337B-CS-SP

SAMPLE COLLECTION TIME: 1425

Description of sample location (front back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV1337B

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.55211910</u> N Longitude <u>86.79940828</u> W Media description: <u>DK brun silty clay w/ gravel & coal</u>
Aliquot #2: Latitude: <u>33.55212289</u> N Longitude <u>86.79936459</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.55204420</u> N Longitude <u>86.79939480</u> W Media description: <u>Same as #1</u>
Aliquot #4: Latitude: <u>33.55200220</u> N Longitude <u>86.79937036</u> W Media description: <u>Same as #1</u>
Aliquot #5: Latitude: <u>33.55201210</u> N Longitude <u>86.79942740</u> W Media description: <u>Same as #1</u>

ADDRESS: (b) (6)

PROPERTY ID: CV1338

DATE: 4/9/13

ARRIVAL TIME: 1434

Other pertinent information (weather conditions, etc.):

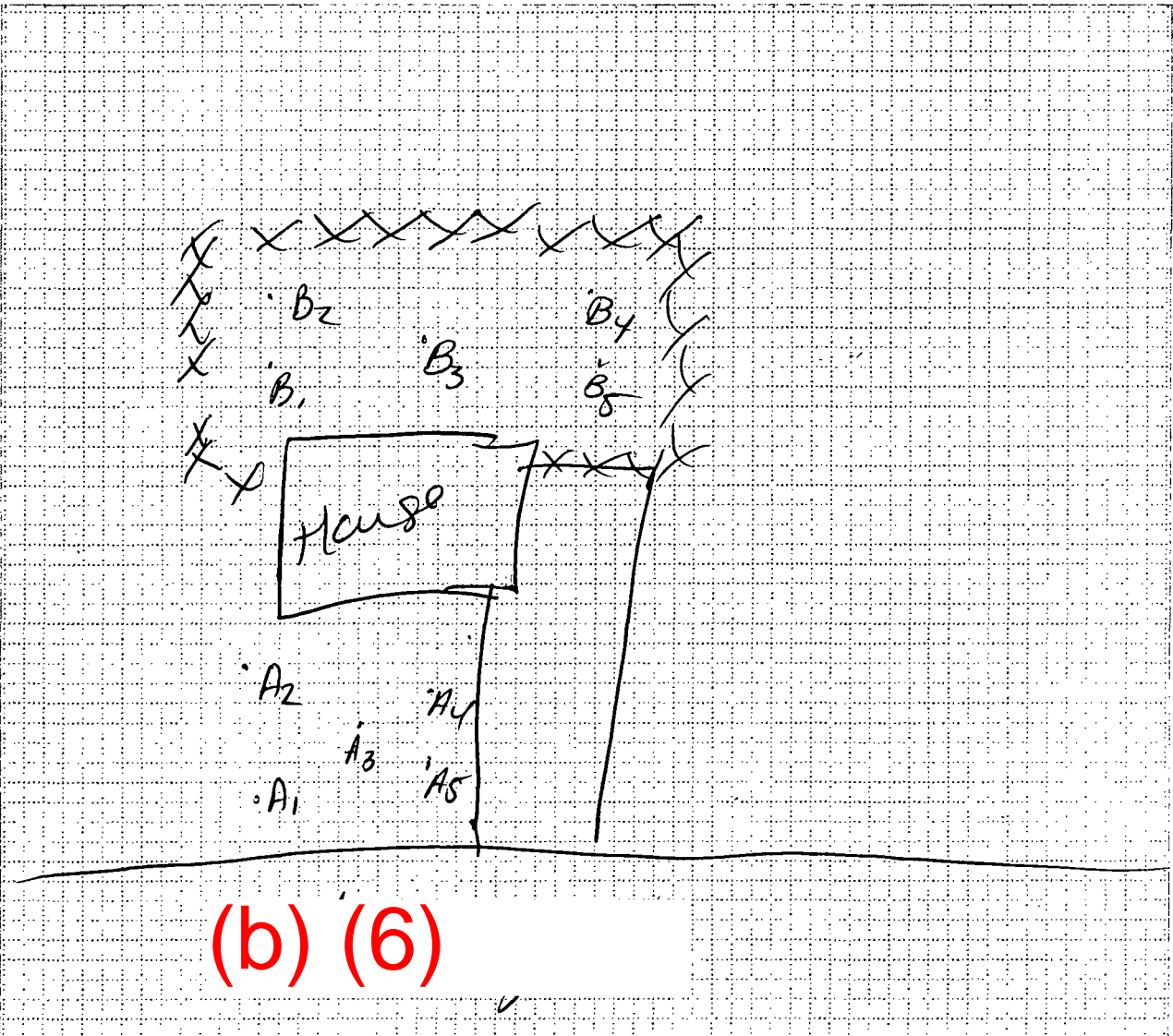
86°F, Sunny

PROPERTY COMMENTS:

Resident Home

(b) (6) legal team representative

Grid for property sketch



(b) (6)

STATION ID: CV1338A SAMPLE ID: CV1338A-CS-SP

SAMPLE COLLECTION TIME: 1443

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):
front, back, side yard

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV1338A

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1: Latitude: <u>33.55199388</u> N Longitude <u>86.79905197</u> W Media description: <u>Same as #2</u>
Aliquot #2: Latitude: <u>33.55199318</u> N Longitude <u>86.79899844</u> W Media description: <u>Brun silty clay</u>
Aliquot #3: Latitude: <u>33.55193442</u> N Longitude <u>86.79902918</u> W Media description: <u>Same as #2</u>
Aliquot #4: Latitude: <u>33.55187759</u> N Longitude <u>86.79900683</u> W Media description: <u>Same as #2</u>
Aliquot #5: Latitude: <u>33.55188315</u> N Longitude <u>86.79904995</u> W Media description: <u>Brun silty clay w/ gravel & coal</u>

STATION ID: CV1338B SAMPLE ID: CV1338B-CS-SP

SAMPLE COLLECTION TIME: 1452

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):
front, back, side yard

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV1338B

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1: Latitude: <u>33.55198645</u> N Longitude <u>86.79888796</u> W Media description: <u>DK Brun silty clay w/ gravel & coal</u>
Aliquot #2: Latitude: <u>33.55197873</u> N Longitude <u>86.79881068</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.55190187</u> N Longitude <u>86.79884293</u> W Media description: <u>Same as #1</u>
Aliquot #4: Latitude: <u>33.55183043</u> N Longitude <u>86.79878960</u> W Media description: <u>Same as #1</u>
Aliquot #5: Latitude: <u>33.55182410</u> N Longitude <u>86.79887789</u> W Media description: <u>Same as #1</u>

ADDRESS: **(b) (6)** - - - PROPERTY ID: CVO661

DATE: 4/10/13 ARRIVAL TIME: 0830

Other pertinent information (weather conditions, etc.):

73°F, Sunny

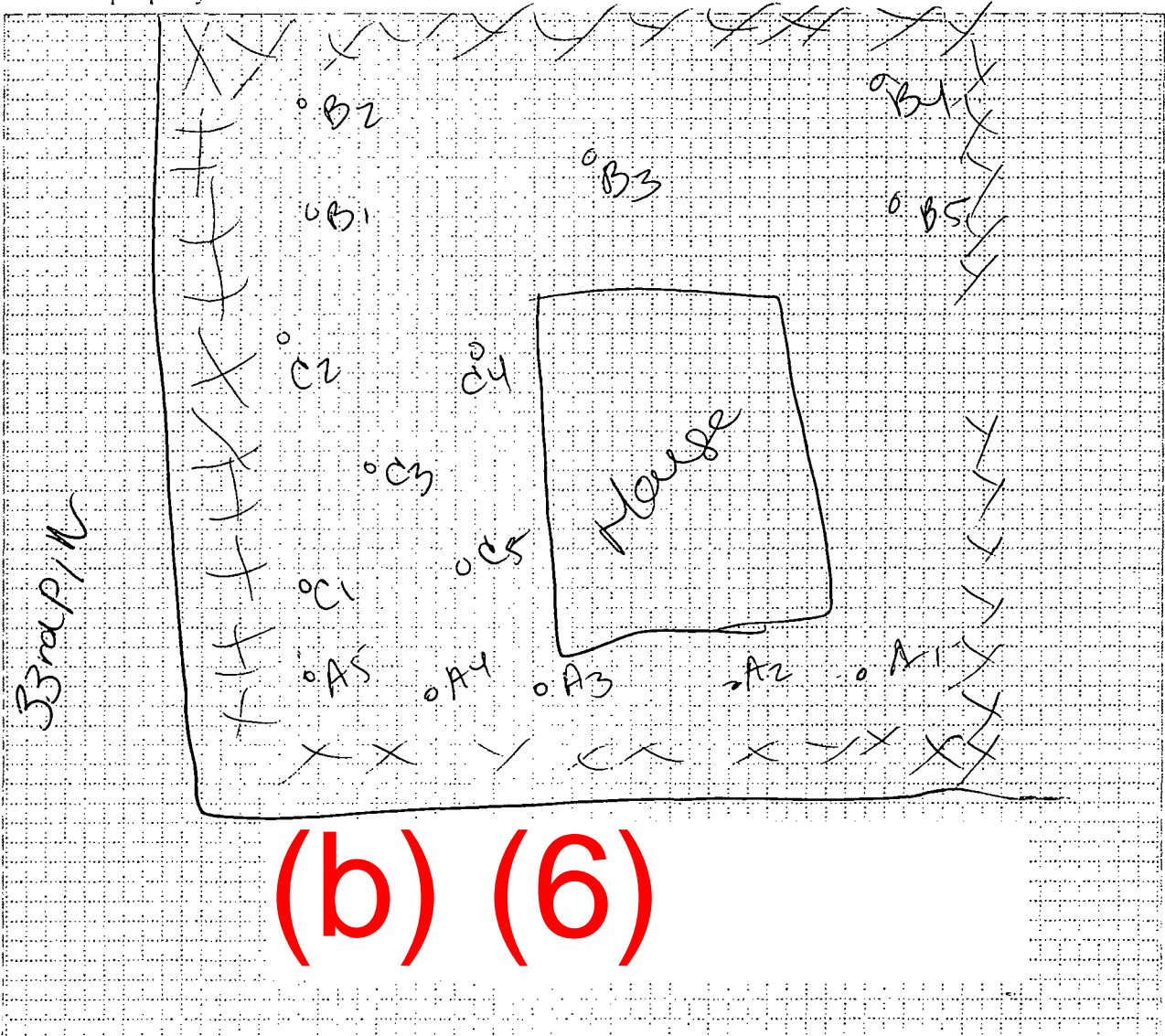
PROPERTY COMMENTS:

Resident Home

w/ **(b) (6)** legal team representative

Front & side yard are build above
Street

Grid for property sketch



STATION ID: CV0661A SAMPLE ID: CV0661A-CS-SP

SAMPLE COLLECTION TIME: 0855

Description of sample location (front, back, side yard, vegetable garden, play set, ditch, etc):

FRONT YARD

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0661A

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.55961432</u> N Longitude: <u>86.80049328</u> W Media description: <u>Brown sandy silt clay</u>
Aliquot #2: Latitude: <u>33.55965696</u> N Longitude: <u>86.80044169</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55969791</u> N Longitude: <u>86.80039515</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.55973909</u> N Longitude: <u>86.80034871</u> W Media description: <u>Brown sandy silt w/ coal</u>
Aliquot #5: Latitude: <u>33.55979385</u> N Longitude: <u>86.80028839</u> W Media description: <u>same as #1</u>

STATION ID: CV0661B SAMPLE ID: CV0661B-CS-SP

SAMPLE COLLECTION TIME: 0906

Description of sample location (front, back, side yard, vegetable garden, play set, ditch, etc):

side yard
4-10-13 SIDE YARD

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0661B

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.55977122</u> N Longitude: <u>86.80024366</u> W Media description: <u>Brown silt clay</u> ⁰⁸⁻⁴⁻¹⁰⁻¹³ <u>Sandy silt w/ gravel & coal</u>
Aliquot #2: Latitude: <u>33.55963503</u> N Longitude: <u>86.80006804</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55966446</u> N Longitude: <u>86.80019862</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.55955541</u> N Longitude: <u>86.80018782</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.55968704</u> N Longitude: <u>86.80032663</u> W Media description: <u>same as #1</u>

ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

Refer to page 32

Burtney Brown

4/10/13

STATION ID: CV0666/B SAMPLE ID: CV0666/B-CS-SP

SAMPLE COLLECTION TIME: 0915

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):
BACK YARD

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0666/B

GPS Coordinates: Trimble [] Instrument #: 018594 Logged? Y or N

Aliquot #1: Latitude: 33.55960033 N Longitude: 86.80002030 W

Media description: DK brown sandy silt w/ coal (heavy abundance)

Aliquot #2: Latitude: 33.55954819 N Longitude: 86.79995427 W

Media description: Same as #1

Aliquot #3: Latitude: 33.55948808 N Longitude: 86.80007547 W

Media description: Same as #1

Aliquot #4: Latitude: 33.55937199 N Longitude: 86.80014376 W

Media description: same as #1

Aliquot #5: Latitude: 33.55941241 N Longitude: 86.80020873 W

Media description: same as #1

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: _____

BB 4/10/13

(b) (6)

ADDRESS:

PROPERTY ID:

CVO133

DATE:

4/10/13

ARRIVAL TIME:

~~1030~~ ^{BB} 4/10/13
0930

Other pertinent information (weather conditions, etc.):

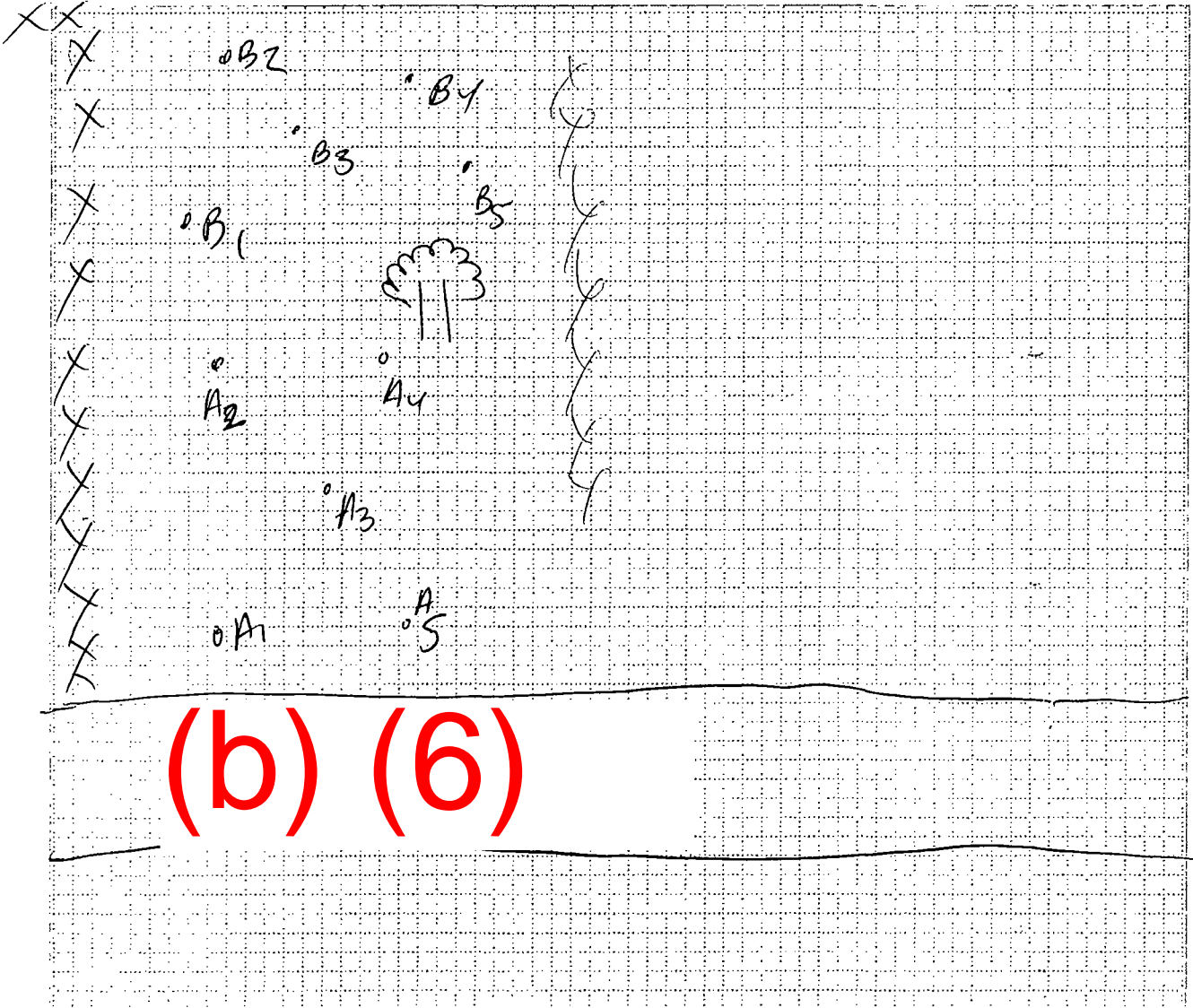
76°F, sunny

PROPERTY COMMENTS:

Vacant lot

(b) (6) legal team representative

Grid for property sketch



STATION ID: CVO133A SAMPLE ID: CVO133A-CS-SP

SAMPLE COLLECTION TIME: 0948

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CVO133A

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u>	Logged? [<input checked="" type="checkbox"/>] or N
Aliquot #1:	Latitude: <u>33.55777260</u> N Longitude: <u>86.80591539</u> W	Media description: <u>DK brown silty clay w/ gravel, slag, & coal</u>
Aliquot #2:	Latitude: <u>33.55775056</u> N Longitude: <u>86.80605119</u> W	Media description: <u>reddish orange #1 same as #1</u>
Aliquot #3:	Latitude: <u>33.55780464</u> N Longitude: <u>86.80599794</u> W	Media description: <u>reddish orange silty clay w/ gravel + coal</u>
Aliquot #4:	Latitude: <u>33.55780071</u> N Longitude: <u>86.80605514</u> W	Media description: <u>same as #3</u>
Aliquot #5:	Latitude: <u>33.55786480</u> N Longitude: <u>86.80591022</u> W	Media description: <u>same as #1</u>

STATION ID: CVO133B SAMPLE ID: CVO133B-CS-SP

SAMPLE COLLECTION TIME: 1005

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CVO133B

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u>	Logged? [<input checked="" type="checkbox"/>] or N
Aliquot #1:	Latitude: <u>33.55775824</u> N Longitude: <u>86.80615628</u> W	Media description: <u>DK brown silty clay w/ gravel + coal</u>
Aliquot #2:	Latitude: <u>33.55780304</u> N Longitude: <u>86.80620328</u> W	Media description: <u>same as #1</u>
Aliquot #3:	Latitude: <u>33.55780817</u> N Longitude: <u>86.80612795</u> W	Media description: <u>same as #1</u>
Aliquot #4:	Latitude: <u>33.55787162</u> N Longitude: <u>86.80611821</u> W	Media description: <u>same as #1</u>
Aliquot #5:	Latitude: <u>33.55786874</u> N Longitude: <u>86.80604709</u> W	Media description: <u>same as #1</u>

ADDRESS **(b) (6)** ✓ PROPERTY ID: C60050

DATE: 4/10/13 ARRIVAL TIME: 1120

Other pertinent information (weather conditions, etc.):

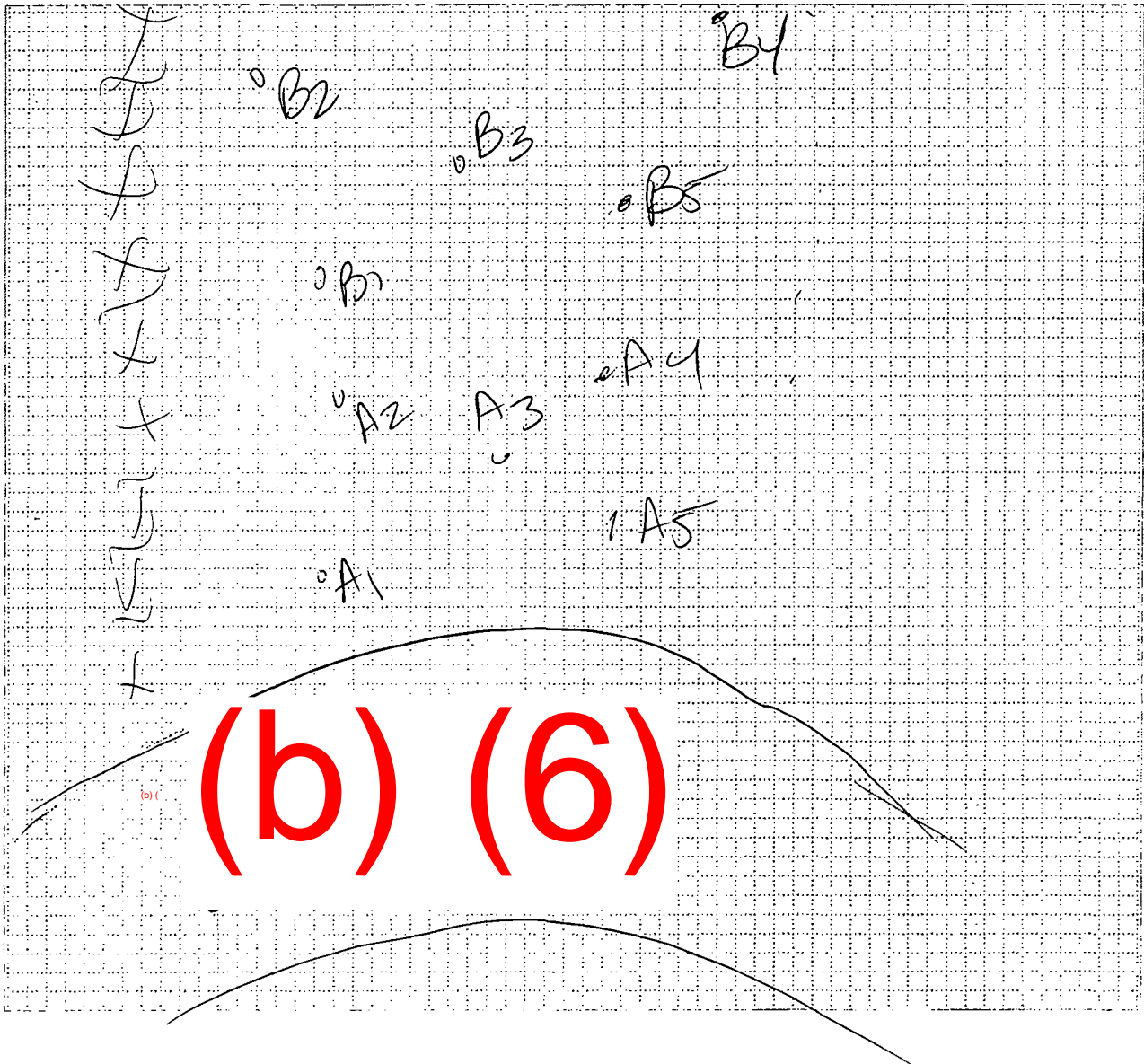
76°F, Sunny

PROPERTY COMMENTS:

Vacant lot

(b) (6) legal team representative
stay on surface

Grid for property sketch



STATION ID: CVO050A SAMPLE ID: CVO050A-C5-SP

SAMPLE COLLECTION TIME: 1045

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split Yes or No If yes, indicate Duplicate/split sample station ID: CVO050A

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.56018683</u> N Longitude <u>86.80599191</u> W Media description: <u>DK brown to blk sandy silt w/ debris, gravel + coal</u>
Aliquot #2: Latitude: <u>33.56028199</u> N Longitude <u>86.80609212</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.56027640</u> N Longitude <u>86.80600581</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.56034284</u> N Longitude <u>86.80600121</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.56023851</u> N Longitude <u>86.80591147</u> W Media description: <u>same as #1</u>

STATION ID: CVO050B SAMPLE ID: CVO050B-C5-SP

SAMPLE COLLECTION TIME: 1056

Description of sample location (back, front, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split Yes or No If yes, indicate Duplicate/split sample station ID: CVO050B

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.56030264</u> N Longitude <u>86.80611758</u> W Media description: <u>DK brown to blk sandy silt w/ gravel + coal</u>
Aliquot #2: Latitude: <u>33.56038732</u> N Longitude <u>86.80614207</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.56036449</u> N Longitude <u>86.80608176</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.56050405</u> N Longitude <u>86.80604694</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.56037729</u> N Longitude <u>86.80601904</u> W Media description: <u>same as #1</u>

(b) (6)

ADDRESS: _____

PROPERTY ID: _____

CV0886

DATE: _____

4/10/13

ARRIVAL TIME: _____

1338

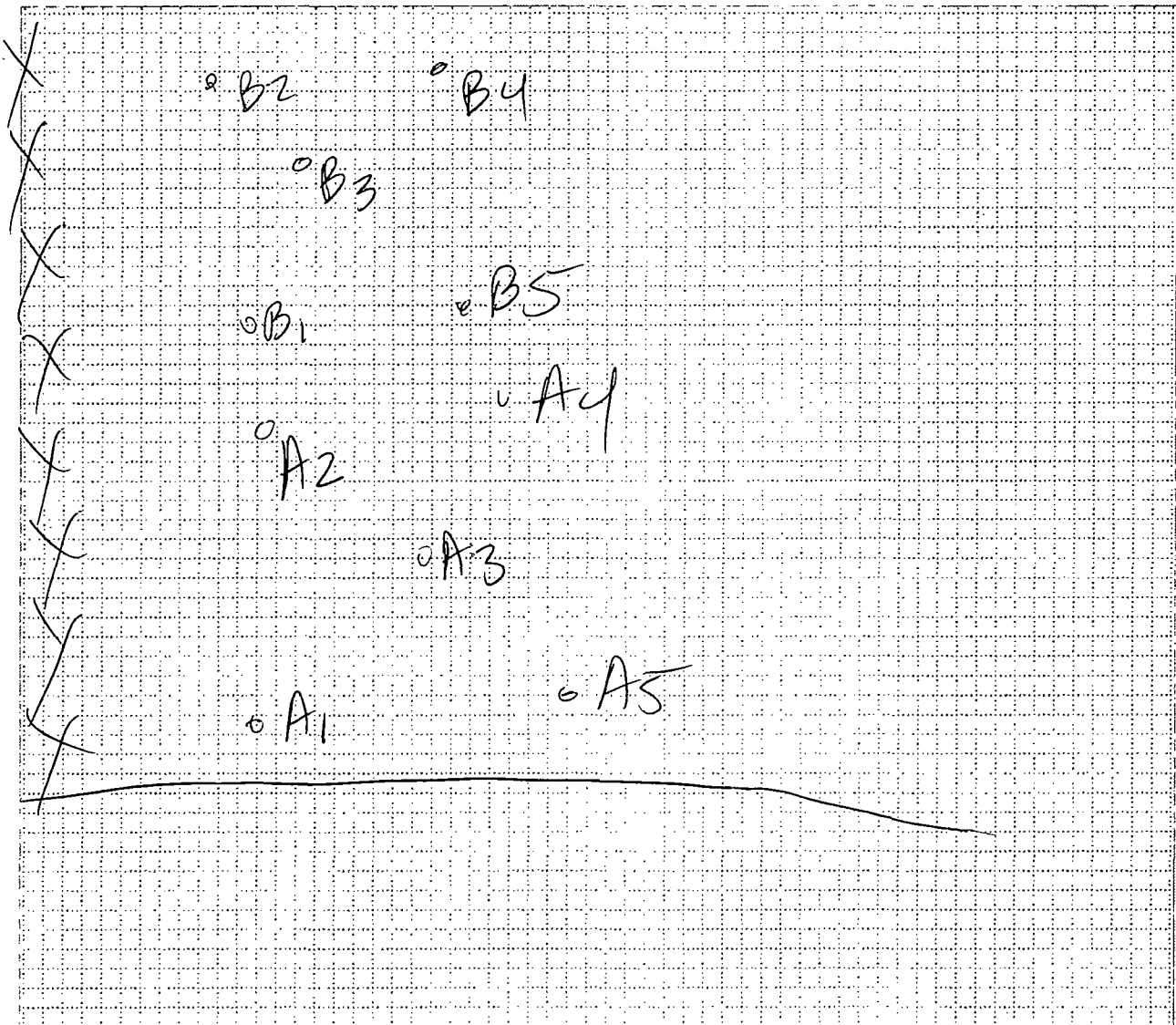
Other pertinent information (weather conditions, etc.):

87°F, Sunny

PROPERTY COMMENTS:

(b) (6) legal team representative

Grid for property sketch



STATION ID: CV0886A SAMPLE ID: CV0886A-CS-SP

SAMPLE COLLECTION TIME: 1355

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split Yes or No If yes, indicate Duplicate/split sample station ID: CV0886A

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>] Instrument #:	<u>018594</u>	Logged?	<input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude:	<u>33.55685541</u>	N Longitude	<u>86.79559596</u> W
	Media description:	<u>DK brown to blk sandy silt w/ debris, gravel + coal</u>		
Aliquot #2:	Latitude:	<u>33.55699029</u>	N Longitude	<u>86.79557238</u> W
	Media description:	<u>same as #1</u>		
Aliquot #3:	Latitude:	<u>33.55693402</u>	N Longitude	<u>86.79552954</u> W
	Media description:	<u>same as #1</u>		
Aliquot #4:	Latitude:	<u>33.55697808</u>	N Longitude	<u>86.79549410</u> W
	Media description:	<u>same as #1</u>		
Aliquot #5:	Latitude:	<u>33.55684789</u>	N Longitude	<u>86.79549338</u> W
	Media description:	<u>same as #1</u>		

STATION ID: CV0886B SAMPLE ID: CV0886B-CS-SP

SAMPLE COLLECTION TIME: 1405

Description of sample location (back, front, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split Yes or No If yes, indicate Duplicate/split sample station ID: CV0886B

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>] Instrument #:	<u>018594</u>	Logged?	<input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude:	<u>33.55702499</u>	N Longitude	<u>86.79558240</u> W
	Media description:	<u>DK brown to blk sandy silt w/ debris, gravel, + coal</u>		
Aliquot #2:	Latitude:	<u>33.55717245</u>	N Longitude	<u>86.79555556</u> W
	Media description:	<u>same as #1</u>		
Aliquot #3:	Latitude:	<u>33.55708840</u>	N Longitude	<u>86.79551184</u> W
	Media description:	<u>same as #1</u>		
Aliquot #4:	Latitude:	<u>33.55715422</u>	N Longitude	<u>86.79548711</u> W
	Media description:	<u>same as #1</u>		
Aliquot #5:	Latitude:	<u>33.55700349</u>	N Longitude	<u>86.79549784</u> W
	Media description:	<u>same as #1</u>		

ADDRESS: **(b) (6)** PROPERTY ID: CV0318

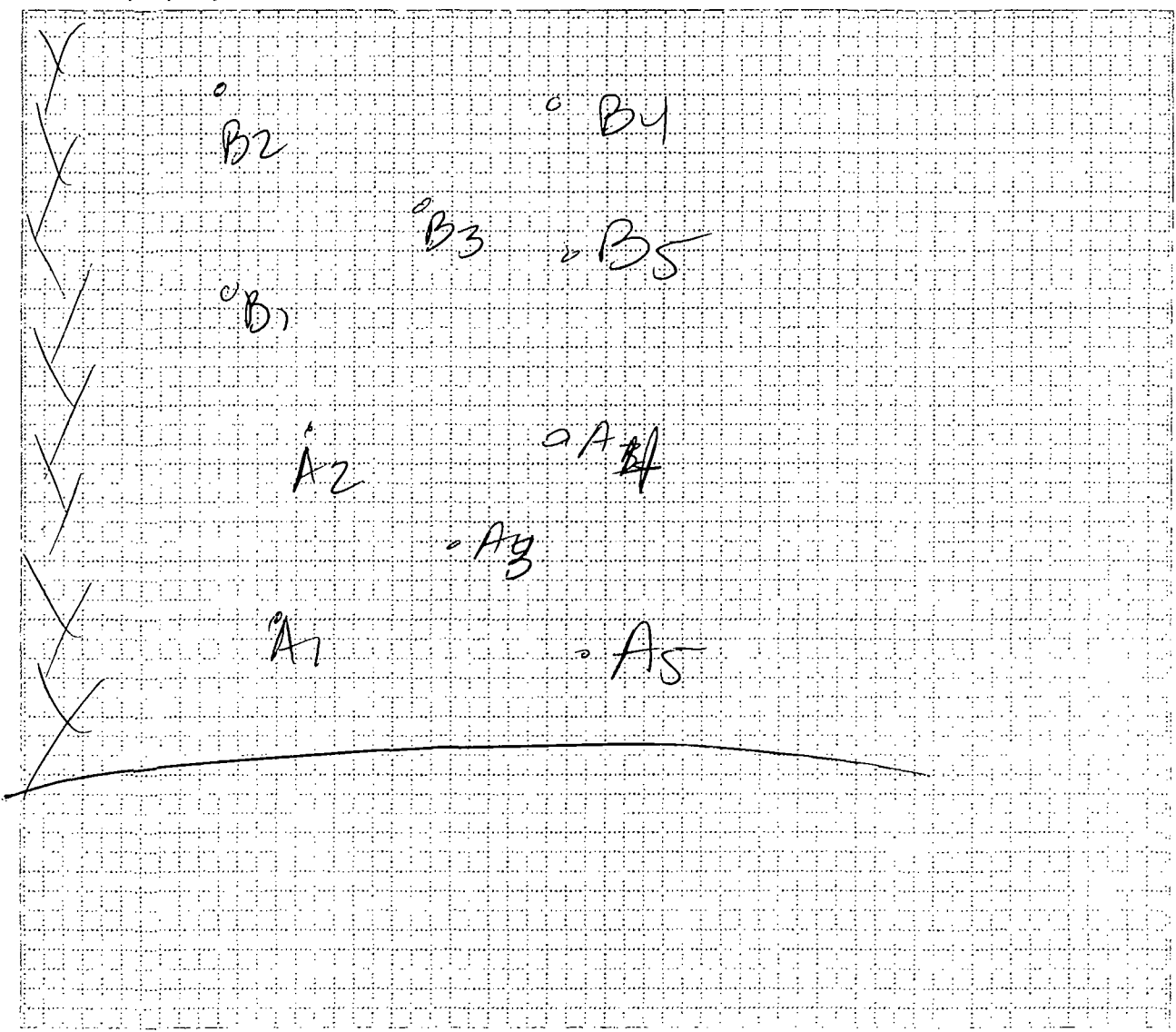
DATE: 4/10/13 ARRIVAL TIME: 1420

Other pertinent information (weather conditions, etc.):
88°F, Sunny

PROPERTY COMMENTS:
vacant lot

(b) (6) legal team representative

Grid for property sketch



STATION ID: CVO318A SAMPLE ID: CVO318A-CS-JP

SAMPLE COLLECTION TIME: 1435

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split Yes or No If yes, indicate Duplicate/split sample station ID: CVO318A

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>]	Instrument #:	<u>018594</u>	Logged?	<input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude:	<u>33.55624631</u>	N Longitude	<u>86.80818152</u>	W
	Media description:	<u>DK brwn/bllc sandy silt w/ gravel & coal</u>			
Aliquot #2:	Latitude:	<u>33.55614590</u>	N Longitude	<u>86.80819962</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55619962</u>	N Longitude	<u>86.80825218</u>	W
	Media description:	<u>33.55619962 same as #1</u>			
Aliquot #4:	Latitude:	<u>33.55615127</u>	N Longitude	<u>86.80833308</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #5:	Latitude:	<u>33.55614590</u>	N Longitude	<u>86.80818962</u>	W
	Media description:	<u>Same as #1</u>			

STATION ID: CVO318B SAMPLE ID: CVO318B-CS-JP

SAMPLE COLLECTION TIME: 1445

Description of sample location (back, front, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split Yes or No If yes, indicate Duplicate/split sample station ID: CVO318B

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>]	Instrument #:	<u>018594</u>	Logged?	<input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude:	<u>33.55612068</u>	N Longitude	<u>86.80818828</u>	W
	Media description:	<u>DK brwn/bllc sandy silt w/ gravel & coal</u>			
Aliquot #2:	Latitude:	<u>33.55599598</u>	N Longitude	<u>86.80819512</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55605162</u>	N Longitude	<u>86.80828089</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #4:	Latitude:	<u>33.55598119</u>	N Longitude	<u>86.80831301</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #5:	Latitude:	<u>33.55612975</u>	N Longitude	<u>86.80833347</u>	W
	Media description:	<u>same as #1</u>			

ADDRESS: **(b) (6)**

PROPERTY ID: CV0401

DATE: 4/11/13

ARRIVAL TIME: 0825

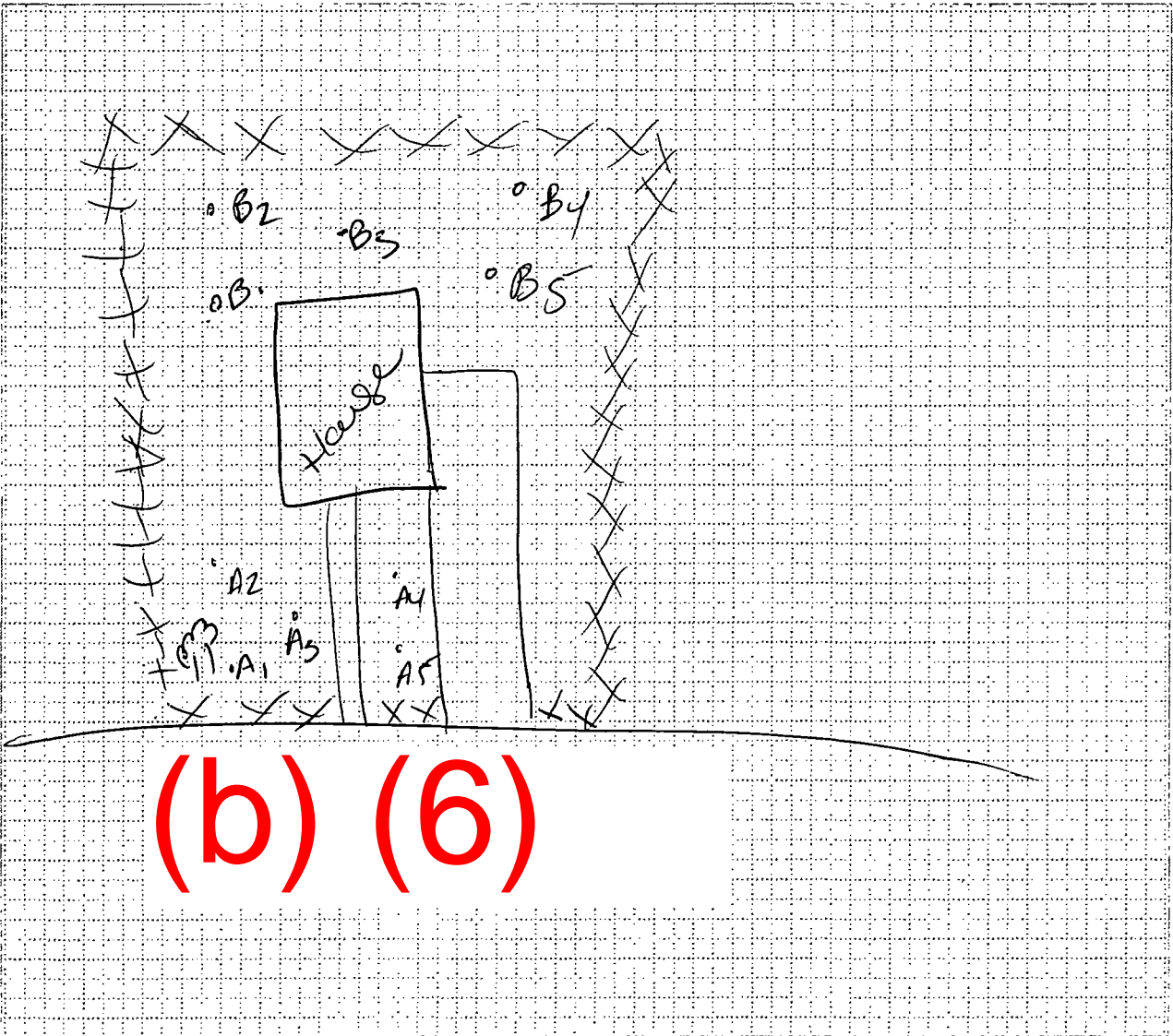
Other pertinent information (weather conditions, etc.):

69°F, Cloudy

PROPERTY COMMENTS:

Resident home

Grid for property sketch



STATION ID: CV0401A SAMPLE ID: CV0401A-CS

SAMPLE COLLECTION TIME: 0840

Description of sample location (front, back, side, yard; vegetable garden; play set; ditch, etc):
(front, back, side, yard)

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>]	Instrument #:	<u>018594</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.55783917</u>	N Longitude	<u>86.79938575</u>	W
	Media description:	<u>Brun silty clay w/ some gravel</u>			
Aliquot #2:	Latitude:	<u>33.55783611</u>	N Longitude	<u>86.79933873</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55779727</u>	N Longitude	<u>86.79936363</u>	W
	Media description:	<u>DK brun silty clay w/ gravel + coal</u>			
Aliquot #4:	Latitude:	<u>33.55776780</u>	N Longitude	<u>86.79933266</u>	W
	Media description:	<u>Same as #3</u>			
Aliquot #5:	Latitude:	<u>33.55778827</u>	N Longitude	<u>86.79938473</u>	W
	Media description:	<u>Same as #1</u>			

STATION ID: CV0401B SAMPLE ID: CV0401B-CS

SAMPLE COLLECTION TIME: 0851

Description of sample location (front, back, side, yard; vegetable garden; play set; ditch, etc):
(back, side, yard)

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

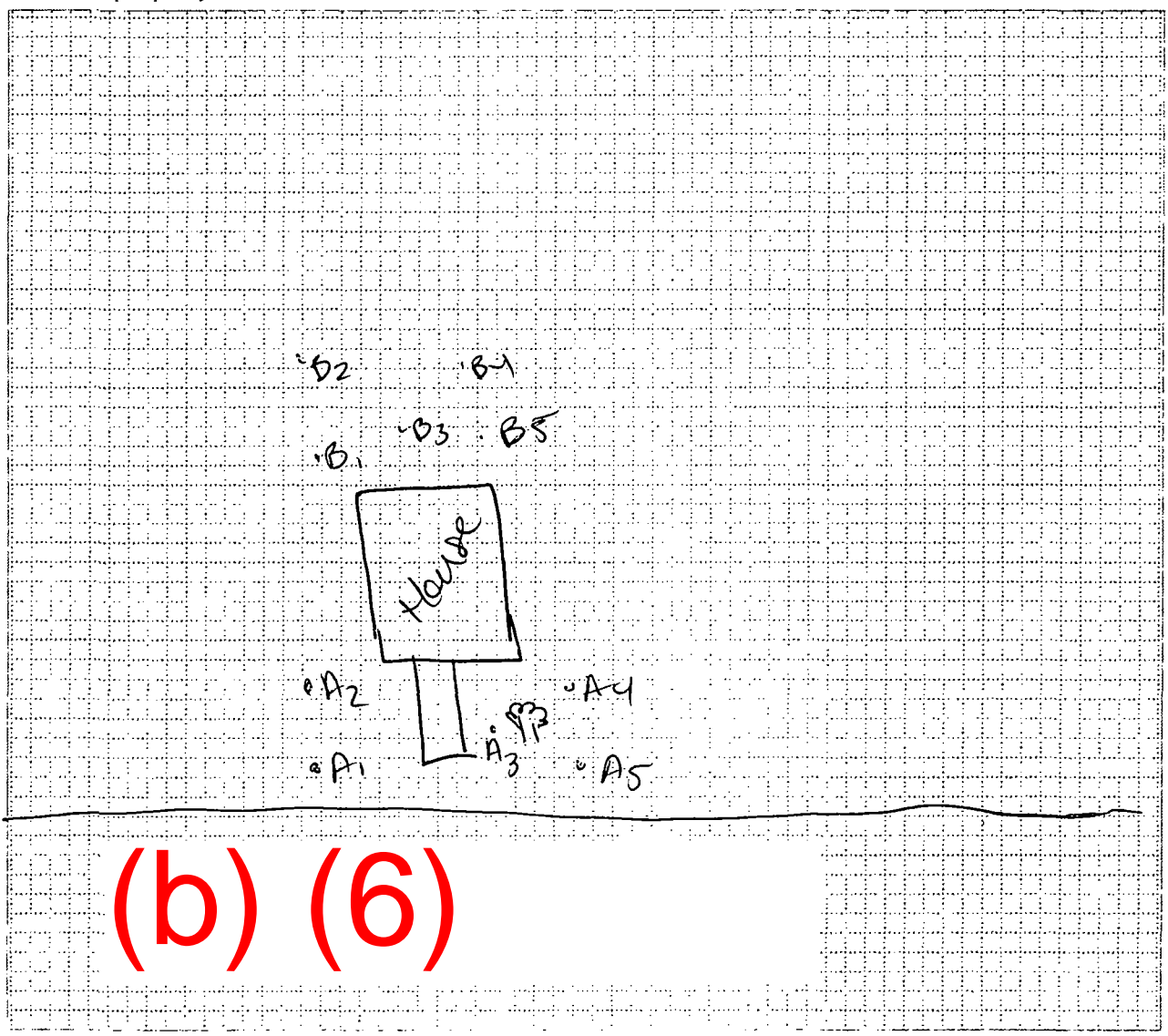
GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>]	Instrument #:	<u>018594</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.55783543</u>	N Longitude	<u>86.79915030</u>	W
	Media description:	<u>Brun silty clay w/ gravel + coal</u>			
Aliquot #2:	Latitude:	<u>33.55782367</u>	N Longitude	<u>86.79900874</u>	W
	Media description:	<u>Blk silty clay w/ gravel + coal</u>			
Aliquot #3:	Latitude:	<u>33.55779545</u>	N Longitude	<u>86.79906035</u>	W
	Media description:	<u>Same as #2</u>			
Aliquot #4:	Latitude:	<u>33.55773834</u>	N Longitude	<u>86.79900504</u>	W
	Media description:	<u>Same as #2</u>			
Aliquot #5:	Latitude:	<u>33.55774395</u>	N Longitude	<u>86.79916854</u>	W
	Media description:	<u>Same as #1</u>			

ADDRESS: **(b) (6)** PROPERTY ID: CVO405
DATE: 4/11/13 ARRIVAL TIME: 0903

Other pertinent information (weather conditions, etc.):
69°F, Cloudy

PROPERTY COMMENTS:
Resident Home
BACKYARD floods when it rains,
Backyard appears to be previously
dug up

Grid for property sketch



(b) (6)

STATION ID: CV0405A SAMPLE ID: CV0405A-CS

SAMPLE COLLECTION TIME: 0916

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <u>Y</u> or N	
Aliquot #1: Latitude: <u>33.55808050</u> N Longitude: <u>86.79938684</u> W	Media description: <u>tan silty clay w/ gravel + coal</u>
Aliquot #2: Latitude: <u>33.55808335</u> N Longitude: <u>86.79935555</u> W	Media description: <u>reddish silty clay</u>
Aliquot #3: Latitude: <u>33.55805277</u> N Longitude: <u>86.79936184</u> W	Media description: <u>Brown silty clay w/ coal</u>
Aliquot #4: Latitude: <u>33.55801043</u> N Longitude: <u>86.79933055</u> W	Media description: <u>Same as #3</u>
Aliquot #5: Latitude: <u>33.55801186</u> N Longitude: <u>86.79938201</u> W	Media description: <u>Same as #4</u>

STATION ID: CV0405B SAMPLE ID: CV0405B-CS

SAMPLE COLLECTION TIME: 0924

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <u>Y</u> or N	
Aliquot #1: Latitude: <u>33.55807766</u> N Longitude: <u>86.79914646</u> W	Media description: <u>reddish orange silty clay w/ gravel</u>
Aliquot #2: Latitude: <u>33.55807826</u> N Longitude: <u>86.79900892</u> W	Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55802886</u> N Longitude: <u>86.79907019</u> W	Media description: <u>Same as #1</u>
Aliquot #4: Latitude: <u>33.55798424</u> N Longitude: <u>86.79900536</u> W	Media description: <u>Same as #1</u>
Aliquot #5: Latitude: <u>33.55798366</u> N Longitude: <u>86.79915206</u> W	Media description: <u>Same as #1</u>

ADDRESS: (b) (6)

PROPERTY ID: HP00823

DATE: 4/11/13

ARRIVAL TIME: 0940

Other pertinent information (weather conditions, etc.):

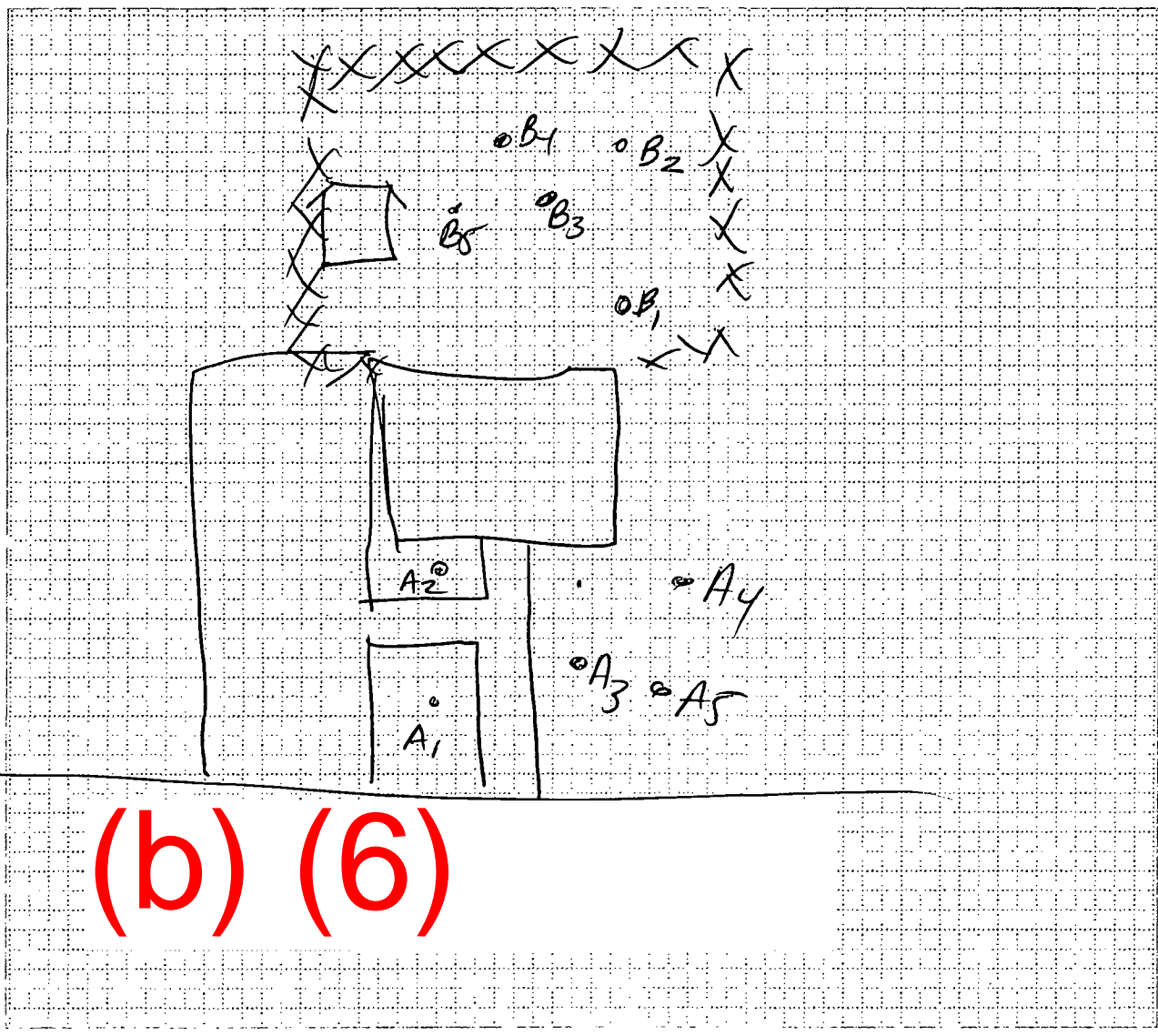
73°F, cloudy

PROPERTY COMMENTS:

Resident Home

(b) (6) legal team representative

Grid for property sketch



(b) (6)

STATION ID: @ HPC0083A SAMPLE ID: HPC0083A-CS-SP

SAMPLE COLLECTION TIME: 0953

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPC0083A

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56496142</u> N Longitude: <u>86.79539684</u> W Media description: <u>DK brown silty clay w/ gravel & trace coal</u>
Aliquot #2: Latitude: <u>33.56493462</u> N Longitude: <u>86.79540093</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.56494629</u> N Longitude: <u>86.79543707</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.56493398</u> N Longitude: <u>86.79547668</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.56496906</u> N Longitude: <u>86.79546995</u> W Media description: <u>same as #1</u>

STATION ID: HPC0083B SAMPLE ID: HPC0083B-CS-SP

SAMPLE COLLECTION TIME: 0959

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPC0083B

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56469769</u> N Longitude: <u>86.79549550</u> W Media description: <u>Brown silty clay w/ gravel & coal</u>
Aliquot #2: Latitude: <u>33.56463081</u> N Longitude: <u>86.79549408</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.56464247</u> N Longitude: <u>86.79546420</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.56462230</u> N Longitude: <u>86.79543126</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.56468824</u> N Longitude: <u>86.79544121</u> W Media description: <u>same as #1</u>

ADDRESS: (b) (6)

PROPERTY ID: HPO202

DATE: 4/11/13

ARRIVAL TIME: 1030

Other pertinent information (weather conditions, etc.):

72°F, cloudy

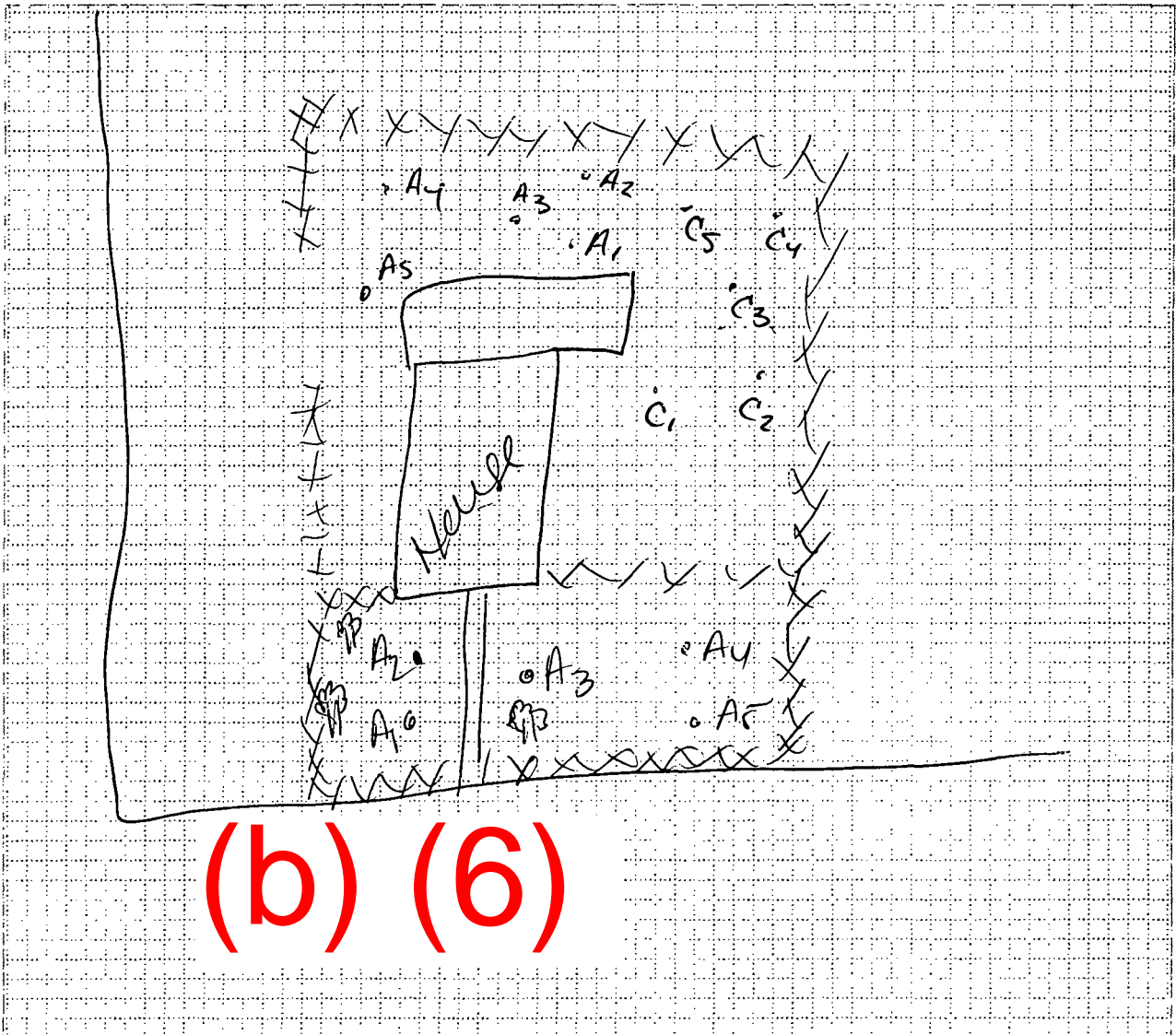
PROPERTY COMMENTS:

Resident Home

(b) (6)

legal team representative

Grid for property sketch



(b) (6)

STATION ID: HPO202A SAMPLE ID: HPO202A-CS-SP

SAMPLE COLLECTION TIME: 1052

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
front back

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split (Yes) or No If yes, indicate Duplicate/split sample station ID: HPO202A

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/> Instrument #: <u>018894</u>]	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude: <u>33.56575135</u> N Longitude: <u>86.79065702</u> W	
	Media description: <u>Brown silty clay w/ gravel & coal</u>	
Aliquot #2:	Latitude: <u>33.56576111</u> N Longitude: <u>86.79065285</u> W	
	Media description: <u>same as #1</u>	
Aliquot #3:	Latitude: <u>33.56578589</u> N Longitude: <u>86.79059463</u> W	
	Media description: <u>same as #1</u>	
Aliquot #4:	Latitude: <u>33.56578977</u> N Longitude: <u>86.79054034</u> W	
	Media description: <u>same as #1</u>	
Aliquot #5:	Latitude: <u>33.56577184</u> N Longitude: <u>86.79054343</u> W	
	Media description: <u>same as #1</u>	

STATION ID: HPO202B SAMPLE ID: HPO202B-CS-SP

SAMPLE COLLECTION TIME: 1107

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
back side yard

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split (Yes) or No If yes, indicate Duplicate/split sample station ID: HPO202B

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/> Instrument #: <u>018894</u>]	Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude: <u>33.56606671</u> N Longitude: <u>86.79056839</u> W	
	Media description: <u>Blk sandy silt w/ gravel</u>	
Aliquot #2:	Latitude: <u>33.56610476</u> N Longitude: <u>86.79055772</u> W	
	Media description: <u>same as #1</u>	
Aliquot #3:	Latitude: <u>33.56609344</u> N Longitude: <u>86.79063006</u> W	
	Media description: <u>same as #1</u>	
Aliquot #4:	Latitude: #3 <u>33.56612367</u> N Longitude: <u>86.79062815</u> W	
	Media description: <u>reddish orange silt & clay w/ gravel</u>	
Aliquot #5:	Latitude: <u>33.56605643</u> N Longitude: <u>86.79069718</u> W	
	Media description: <u>dk brown silty clay w/ gravel</u>	

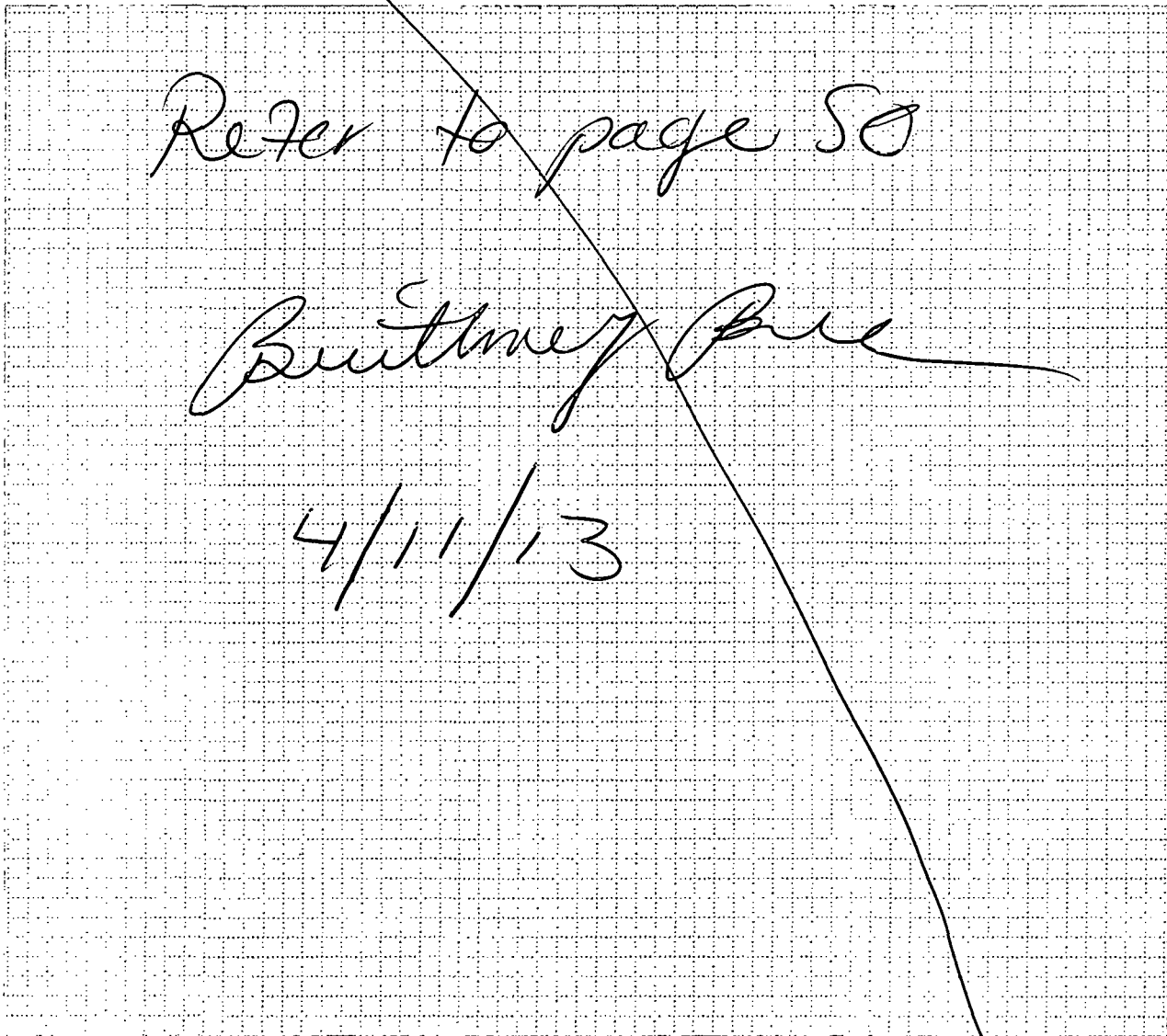
ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: HPO202C SAMPLE ID: HPO202C-CS-SP

SAMPLE COLLECTION TIME: 1/16

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
(side yard)

Collection: Composite or Grab MS/MSD? Y or N (Y)

Field Duplicate or Split: (Yes) or No If yes, indicate Duplicate/split sample station ID: HPO202C

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018599</u> Logged? <u>(Y)</u> or N
Aliquot #1: Latitude: <u>33.86598625</u> N Longitude: <u>86.79054894</u> W Media description: <u>DK brun silty clay w/ gravel</u>
Aliquot #2: Latitude: <u>33.56600402</u> N Longitude: <u>86.79046975</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.56604063</u> N Longitude: <u>86.79049662</u> W Media description: <u>Same as #1</u>
Aliquot #4: Latitude: <u>33.56608936</u> N Longitude: <u>86.79046589</u> W Media description: <u>Same as #1</u>
Aliquot #5: Latitude: <u>33.56609730</u> N Longitude: <u>86.79053833</u> W Media description: <u>Same as #1</u>

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [<input type="checkbox"/>] Instrument #: _____ Logged? Y or N
Aliquot #1: Latitude: _____ N Longitude: _____ W Media description: _____
Aliquot #2: Latitude: _____ N Longitude: _____ W Media description: _____
Aliquot #3: Latitude: _____ N Longitude: _____ W Media description: _____
Aliquot #4: Latitude: _____ N Longitude: _____ W Media description: _____
Aliquot #5: Latitude: _____ N Longitude: _____ W Media description: _____

BB
4/18/13

(b) (6)

ADDRESS:

PROPERTY ID:

CVO224

DATE:

4/11/13

ARRIVAL TIME:

1318

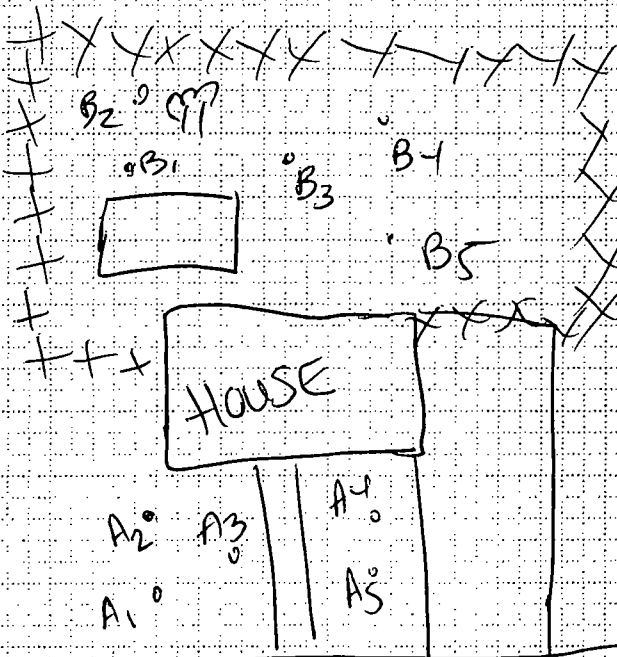
Other pertinent information (weather conditions, etc.):

76°F, Cloudy

PROPERTY COMMENTS:

Resident House

Grid for property sketch



(b) (6)

STATION ID: CV0224A SAMPLE ID: CV0224A-CS

SAMPLE COLLECTION TIME: 1325

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018894</u>	Logged? <u>Y</u> or N
Aliquot #1:	Latitude: <u>33.55623988</u>	N Longitude: <u>86.80174482</u> W
Media description:	<u>DK brown silty clay w/ gravel & coal</u>	
Aliquot #2:	Latitude: <u>33.55624817</u>	N Longitude: <u>86.80178364</u> W
Media description:	<u>same as #1</u>	
Aliquot #3:	Latitude: <u>33.55628856</u>	N Longitude: <u>86.80176031</u> W
Media description:	<u>same as #1</u>	
Aliquot #4:	Latitude: <u>33.55632601</u>	N Longitude: <u>86.80176150</u> W
Media description:	<u>same as #1</u>	
Aliquot #5:	Latitude: <u>33.55632076</u>	N Longitude: <u>86.80174838</u> W
Media description:	<u>same as #1</u>	

STATION ID: CV0224B SAMPLE ID: CV0224B-CS

SAMPLE COLLECTION TIME: 1333

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018894</u>	Logged? <u>Y</u> or N
Aliquot #1:	Latitude: <u>33.55625169</u>	N Longitude: <u>86.80203696</u> W
Media description:	<u>DK brown silty clay w/ gravel & coal</u>	
Aliquot #2:	Latitude: <u>33.55624914</u>	N Longitude: <u>86.80217821</u> W
Media description:	<u>same as #1</u>	
Aliquot #3:	Latitude: <u>33.55631422</u>	N Longitude: <u>86.80209991</u> W
Media description:	<u>same as #1</u>	
Aliquot #4:	Latitude: <u>33.55636806</u>	N Longitude: <u>86.80215527</u> W
Media description:	<u>same as #1</u>	
Aliquot #5:	Latitude: <u>33.55635747</u>	N Longitude: <u>86.80203844</u> W
Media description:	<u>same as #1</u>	

(b) (6)

ADDRESS:

PROPERTY ID:

HP00040

DATE:

4/11/13

ARRIVAL TIME:

1358

Other pertinent information (weather conditions, etc.):

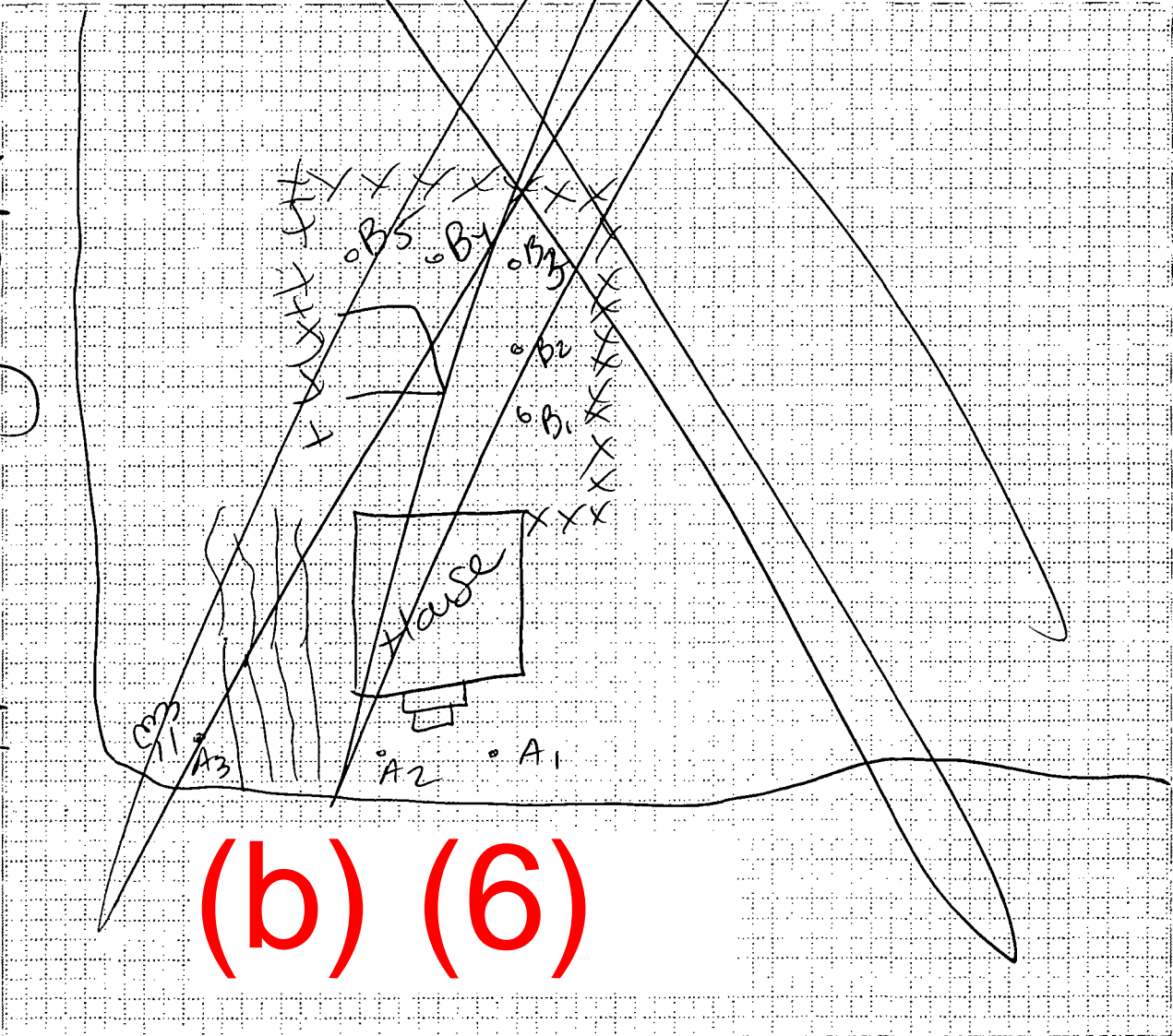
50°F, cloudy

PROPERTY COMMENTS:

Resident Home

Grid for property sketch

Previously SAMPLED



(b) (6)

STATION ID: HP0040A SAMPLE ID: HP0040A-CS

SAMPLE COLLECTION TIME: 1410

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56406965</u> N Longitude: <u>86.79633636</u> W Media description: <u>Brun sandy silt w/ gravel & coal</u>
Aliquot #2: Latitude: <u>33.56406072</u> N Longitude: <u>86.79629932</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.56406968</u> N Longitude: <u>86.79623818</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: _____ N Longitude: _____ Media description: _____
Aliquot #5: Latitude: _____ N Longitude: _____ Media description: _____

BB 4/14/13

STATION ID: HP0040B SAMPLE ID: HP0040B-CS

SAMPLE COLLECTION TIME: 1415

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56387299</u> N Longitude: <u>86.79635917</u> W Media description: <u>Brun sandy silt w/ gravel & coal</u>
Aliquot #2: Latitude: <u>33.56382895</u> N Longitude: <u>86.79636545</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.56378305</u> N Longitude: <u>86.79637556</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.56375252</u> N Longitude: <u>86.79636047</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.56373282</u> N Longitude: <u>86.79629247</u> W Media description: <u>same as #1</u>

BB 4/14/13

(b) (6)

ADDRESS: <

PROPERTY ID:

CV0676

DATE:

4-12-13

ARRIVAL TIME:

0830

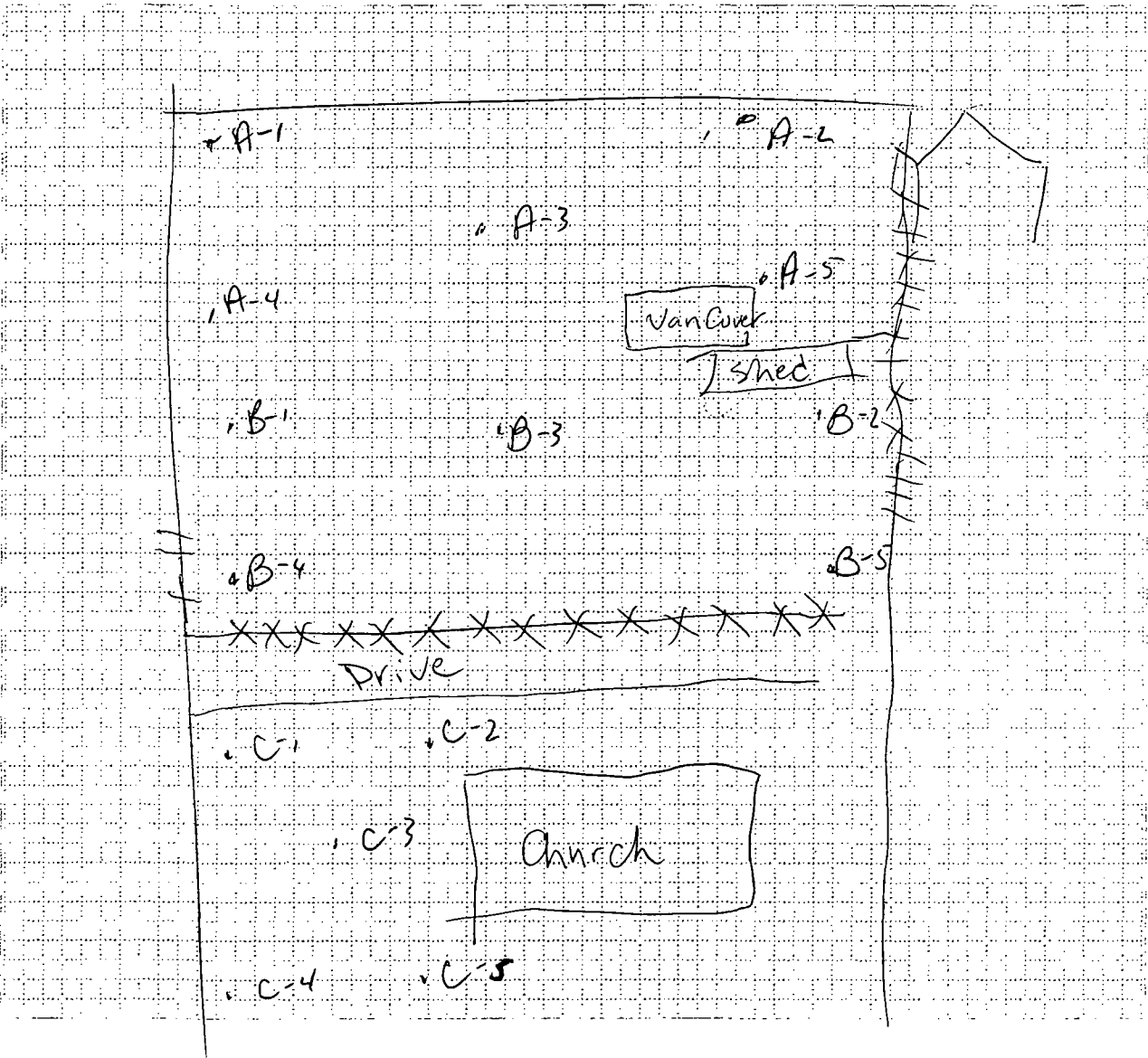
Other pertinent information (weather conditions, etc.):

Sunny, Rain last night, Cool

PROPERTY COMMENTS:

New Progress Baptist Church Fenced area
AREA A+B COVERED BY GRASS + UNDERLYING GRAVEL

Grid for property sketch



STATION ID: CV0676 SAMPLE ID: CV0676A-CS-SP

SAMPLE COLLECTION TIME: 0905

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No ^{SP} If yes, indicate Duplicate/split sample station ID: C

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56129286</u> N Longitude <u>86.79864261</u> W Media description: <u>DK BROWN SANDY SILT OVER GRAY GRAVEL</u>
Aliquot #2: Latitude: <u>33.56142118</u> N Longitude <u>86.79866642</u> W Media description: <u>SAA</u>
Aliquot #3: Latitude: <u>33.56134340</u> N Longitude <u>86.79859755</u> W Media description: <u>SAA</u>
Aliquot #4: Latitude: <u>33.56127647</u> N Longitude <u>86.79850545</u> W Media description: <u>SAA</u>
Aliquot #5: Latitude: <u>33.56140854</u> N Longitude <u>86.79850886</u> W Media description: <u>SAA</u>

STATION ID: CV0676 SAMPLE ID: CV0676B-CS-SP

SAMPLE COLLECTION TIME: 0848

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Side Yard

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [] Instrument #: _____ Logged? Y or N
Aliquot #1: Latitude: <u>33.56127922</u> N Longitude <u>86.79846655</u> W Media description: <u>Dark Brown SANDY SILT over Grey Gravel, Rocks</u>
Aliquot #2: Latitude: <u>33.56140789</u> N Longitude <u>86.79845794</u> W Media description: <u>Same as above</u>
Aliquot #3: Latitude: <u>33.56132232</u> N Longitude <u>86.79834748</u> W Media description: <u>Same as above</u>
Aliquot #4: Latitude: <u>33.56127113</u> N Longitude <u>86.79824584</u> W Media description: <u>Same as above</u>
Aliquot #5: Latitude: <u>33.56140231</u> N Longitude <u>86.79818730</u> W Media description: <u>Same as above</u>

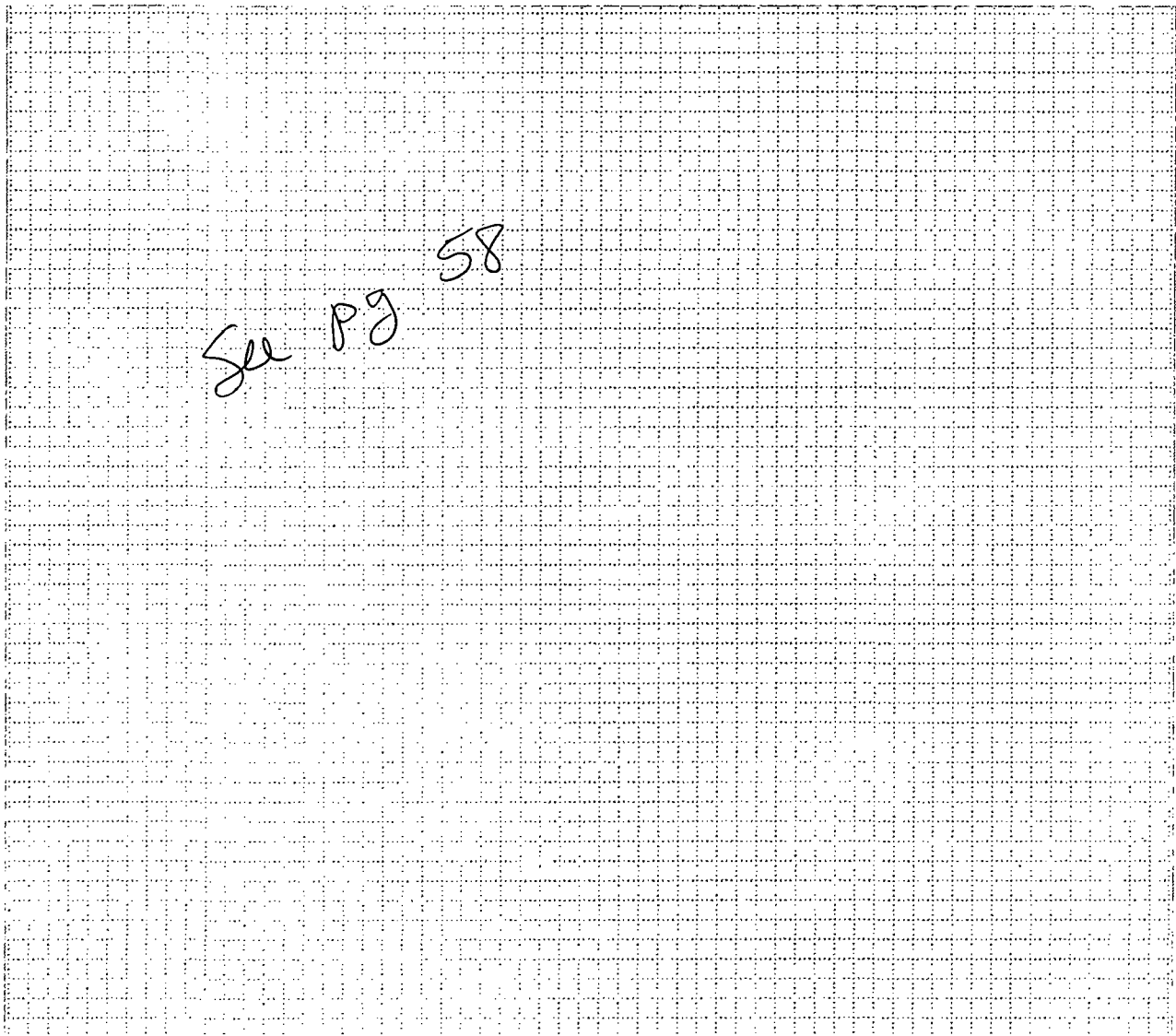
ADDRESS: _____ PROPERTY ID: CVO 676

DATE: 4-12-13 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: _____ SAMPLE ID: CU0676C-CS-SP

SAMPLE COLLECTION TIME: 0918

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #: <u>018594</u>	Logged? <input checked="" type="checkbox"/>	or N
Aliquot #1: Latitude: <u>33.56126633</u>	N Longitude: <u>86.79811931</u>		W
Media description: <u>BLK SILTY CLAY, WET</u>			
Aliquot #2: Latitude: <u>33.56131644</u>	N Longitude: <u>86.79810149</u>		W
Media description: <u>SAA</u>			
Aliquot #3: Latitude: <u>33.56128871</u>	N Longitude: <u>86.79803431</u>		W
Media description: <u>SAA</u>			
Aliquot #4: Latitude: <u>33.56126059</u>	N Longitude: <u>86.79796715</u>		W
Media description: <u>SAA</u>			
Aliquot #5: Latitude: <u>33.56131037</u>	N Longitude: <u>86.79797218</u>		W
Media description: <u>SAA</u>			

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble []	Instrument #: _____	Logged? Y or N
Aliquot #1: Latitude: _____	N Longitude: _____	W
Media description: _____		
Aliquot #2: Latitude: _____	N Longitude: _____	W
Media description: _____		
Aliquot #3: Latitude: _____	N Longitude: _____	W
Media description: _____		
Aliquot #4: Latitude: _____	N Longitude: _____	W
Media description: _____		
Aliquot #5: Latitude: _____	N Longitude: _____	W
Media description: _____		

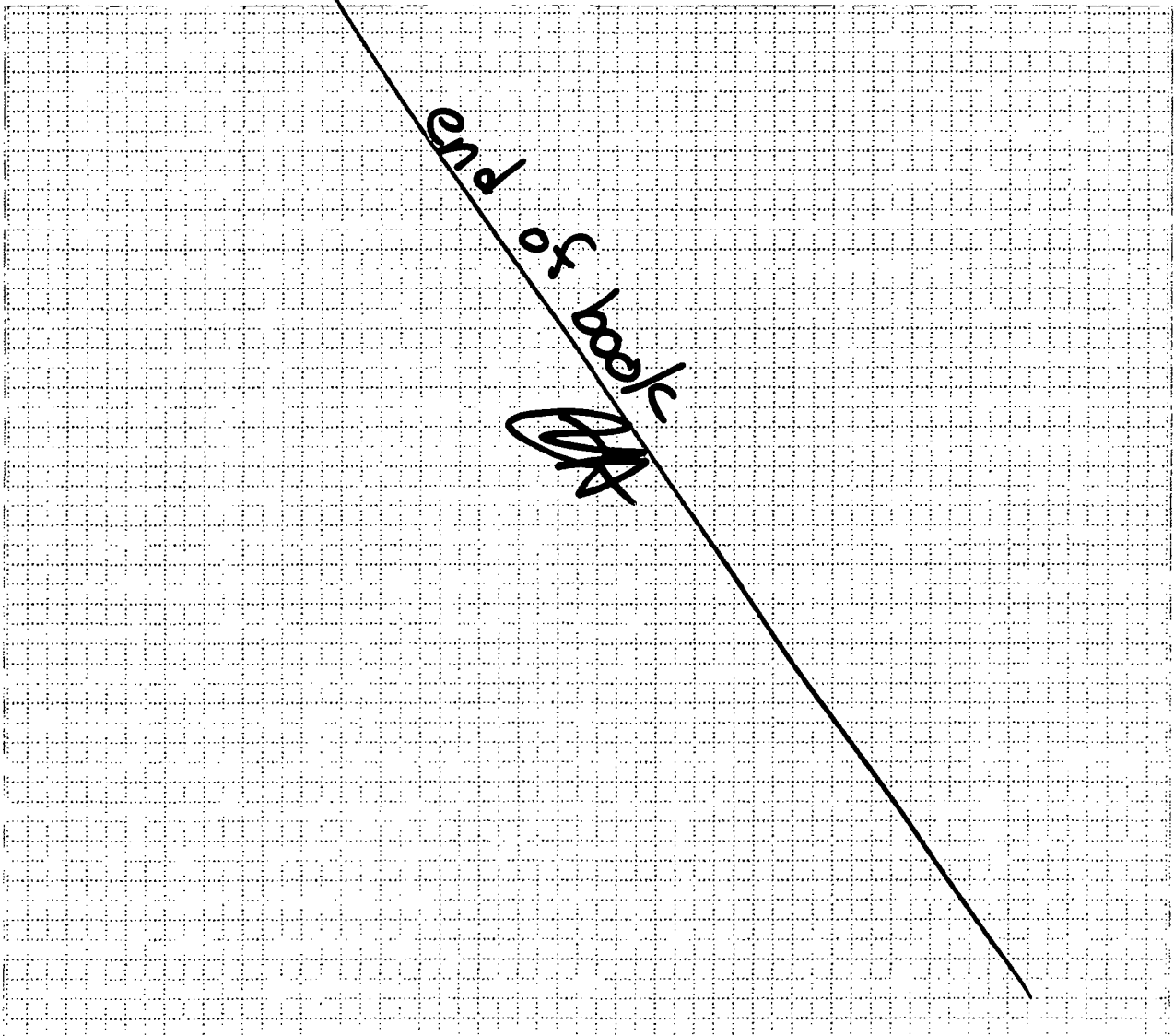
ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



The remaining pages in this logbook are
blank and have not been scanned.