

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: 4/1/13 - 4/5/13

List of Sampling Team in logbook:

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

FMD321

DATE:

4/1/12

ARRIVAL TIME:

1250

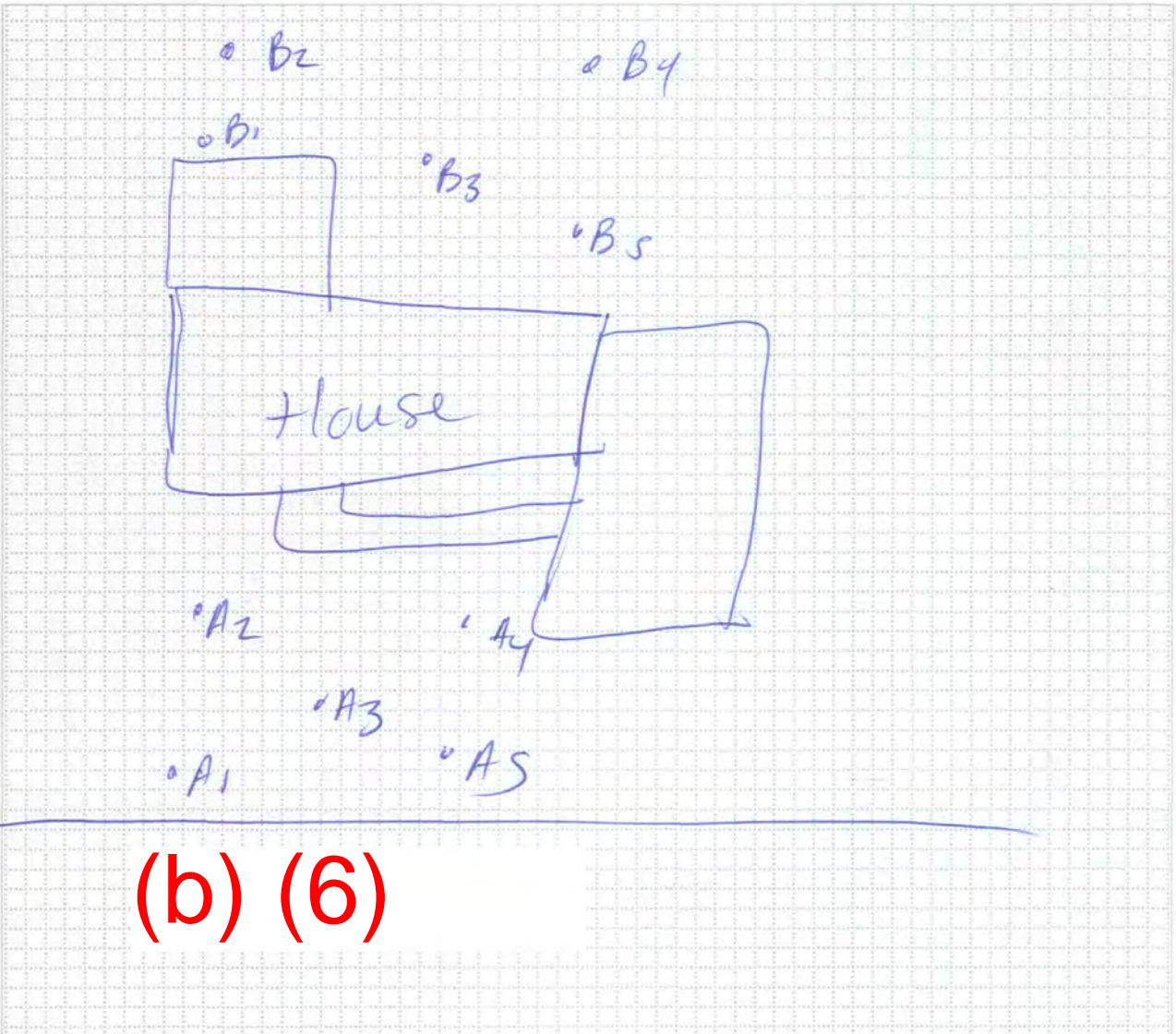
Other pertinent information (weather conditions, etc.):

82°F, Sunny

PROPERTY COMMENTS:

Resident Home

Grid for property sketch



(b) (6)

STATION ID: Fm0321A SAMPLE ID: Fm0321A-CS

SAMPLE COLLECTION TIME: 1258

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>33.56649682</u> N Longitude <u>86.81154677</u> W Media description: <u>dk brun sandy clay</u>
Aliquot #2: Latitude: <u>33.56650028</u> N Longitude <u>86.81161233</u> W Media description: <u>light brun sandy clay w/ gravel</u>
Aliquot #3: Latitude: <u>33.56653544</u> N Longitude <u>86.81159289</u> W Media description: <u>same as #2</u>
Aliquot #4: Latitude: <u>33.56658837</u> N Longitude <u>86.81161432</u> W Media description: <u>reddish brun sandy clay</u>
Aliquot #5: Latitude: <u>33.56658203</u> N Longitude <u>86.81153914</u> W Media description: <u>same as #4</u>

STATION ID: Fm0321B SAMPLE ID: Fm0321B-CS

SAMPLE COLLECTION TIME: 1305

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>33.56648737</u> N Longitude <u>86.81180168</u> W Media description: <u>brun silty clay w/ coal</u>
Aliquot #2: Latitude: <u>33.56649492</u> N Longitude <u>86.81185631</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.56654799</u> <u>reddish br</u> N Longitude <u>86.81183900</u> W Media description: <u>reddish brun silty clay</u>
Aliquot #4: Latitude: <u>33.56658710</u> N Longitude <u>86.81186813</u> W Media description: <u>same as #3</u>
Aliquot #5: Latitude: <u>33.56659222</u> N Longitude <u>86.81182537</u> W Media description: <u>same as #3</u>

(b) (6)

ADDRESS:

PROPERTY ID:

FM0324

DATE:

3/4/13

ARRIVAL TIME:

1320

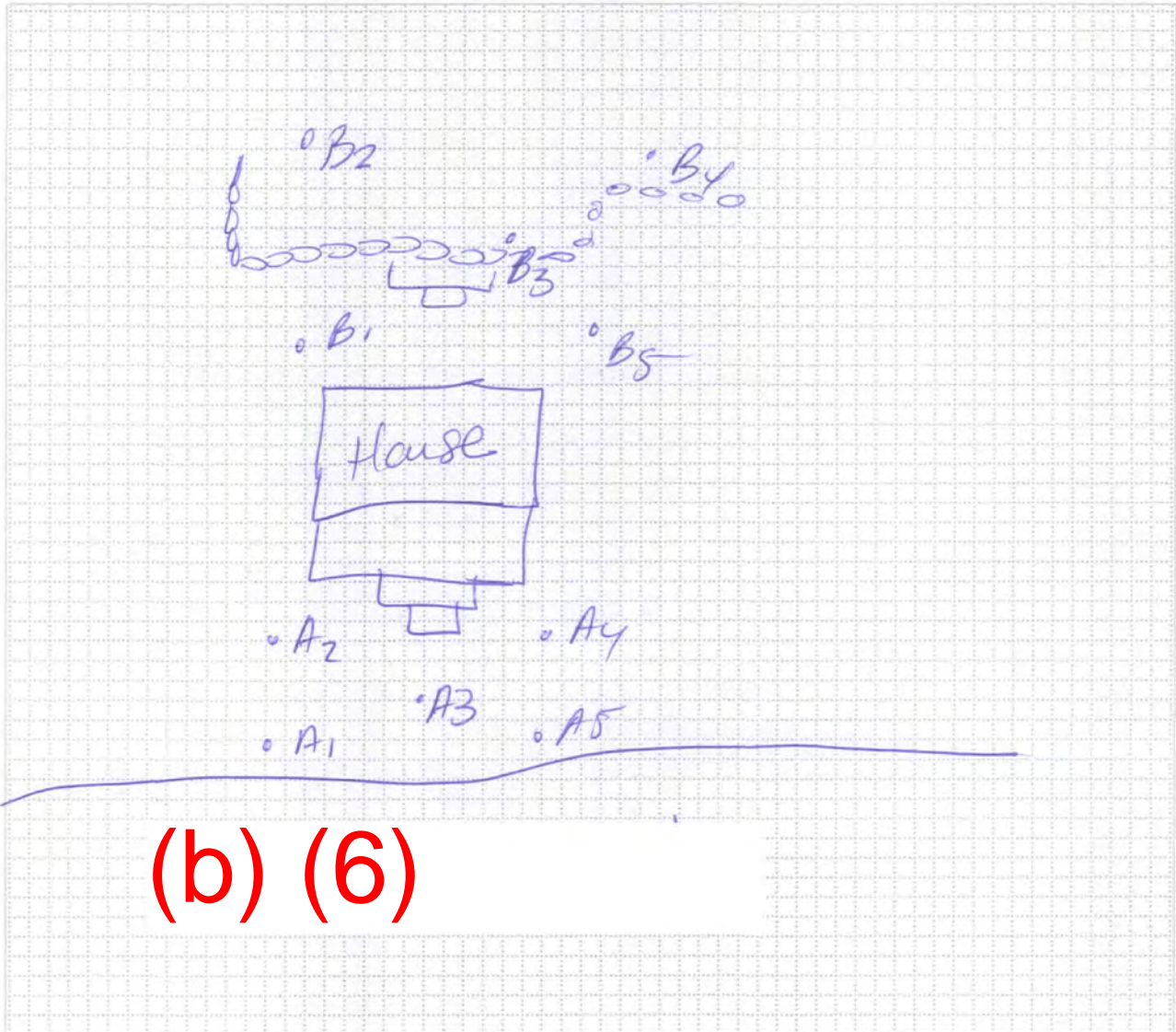
Other pertinent information (weather conditions, etc.):

72°F, sunny

PROPERTY COMMENTS:

Resident Home

Grid for property sketch



(b) (6)

STATION ID: FM0326A SAMPLE ID: FM0326A-C5

SAMPLE COLLECTION TIME: 1335

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>33.56515639</u> N Longitude <u>86.81269569</u> W Media description: <u>orange brun silty clay</u>
Aliquot #2: Latitude: <u>33.56517325</u> N Longitude <u>86.81277305</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.56521475</u> N Longitude <u>86.81273157</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.56524790</u> N Longitude <u>86.81275374</u> W Media description: <u>Brun silty clay w/ gravel</u>
Aliquot #5: Latitude: <u>33.56522826</u> N Longitude <u>86.81269376</u> W Media description: <u>light brun sandy clay</u>

STATION ID: FM0326B SAMPLE ID: FM0326B-C5

SAMPLE COLLECTION TIME: 1344

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>33.56516319</u> N Longitude <u>86.81293781</u> W Media description: <u>DK brun silty clay</u>
Aliquot #2: Latitude: <u>33.56518123</u> N Longitude <u>86.81310723</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.56522346</u> N Longitude <u>86.81303151</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.56527539</u> N Longitude <u>86.81309658</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.56526781</u> N Longitude <u>86.81293854</u> W Media description: <u>same as #1</u>

(b) (6)

ADDRESS: _____

PROPERTY ID: FMS207

DATE: 4/1/13

ARRIVAL TIME: 1355

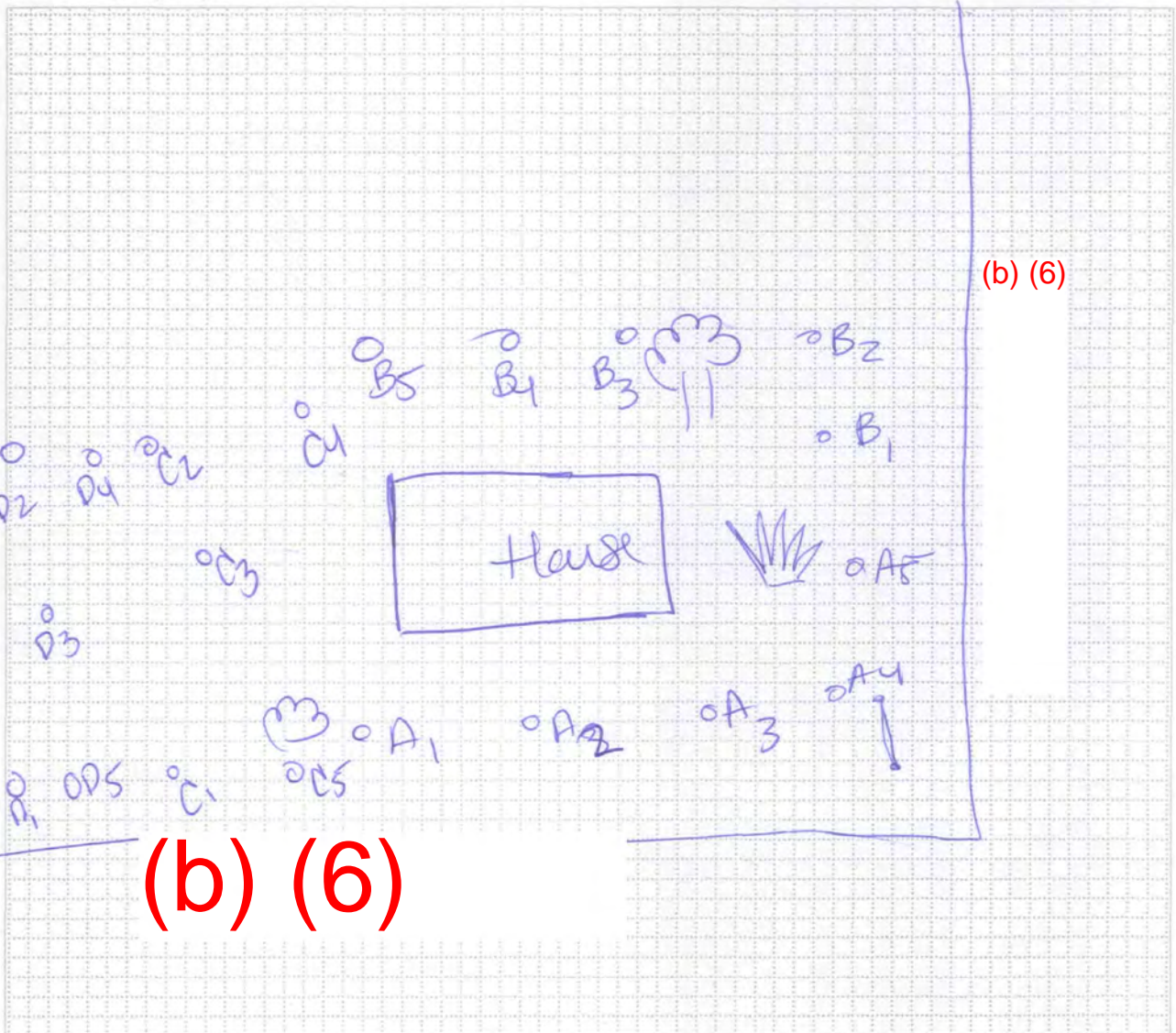
Other pertinent information (weather conditions, etc.):

72°F, sunny

PROPERTY COMMENTS:

Resident Home

Grid for property sketch



(b) (6)

STATION ID: FM0207A SAMPLE ID: FM0207A-CS

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: FM0207A @

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>]	Instrument #:	<u>018594</u>	Logged? (<input checked="" type="checkbox"/>)	Y or N
Aliquot #1:	Latitude:	<u>33.57014260</u>	N Longitude	<u>86.80366838</u>	W
	Media description:	<u>DK brun silty clay damp</u>			
Aliquot #2:	Latitude:	<u>33.57011737</u>	N Longitude	<u>86.80380461</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #3:	Latitude:	<u>33.57012692</u>	N Longitude	<u>86.80389319</u>	W
	Media description:	<u>Brun silty clay damp</u>			
Aliquot #4:	Latitude:	<u>33.57013734</u>	N Longitude	<u>86.80395979</u>	W
	Media description:	<u>Same as #3</u>			
Aliquot #5:	Latitude:	<u>33.57007073</u>	N Longitude	<u>86.80395344</u>	W
	Media description:	<u>Same as #3</u>			

1430

STATION ID: FM0207B SAMPLE ID: FM0207B-CS

SAMPLE COLLECTION TIME: 1437

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"/>)	Y or N
Aliquot #1:	Latitude:	<u>33.57005151</u>	N Longitude	<u>86.80395929</u>	W
	Media description:	<u>Brun silty clay dry</u>			
Aliquot #2:	Latitude:	<u>33.57001187</u>	N Longitude	<u>86.80397869</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #3:	Latitude:	<u>33.56999389</u>	N Longitude	<u>86.80386626</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #4:	Latitude:	<u>33.56998002</u>	N Longitude	<u>86.80379185</u>	W
	Media description:	<u>orange/brun clay damp</u>			
Aliquot #5:	Latitude:	<u>33.56997502</u>	N Longitude	<u>86.80370916</u>	W
	Media description:	<u>same as #4</u>			

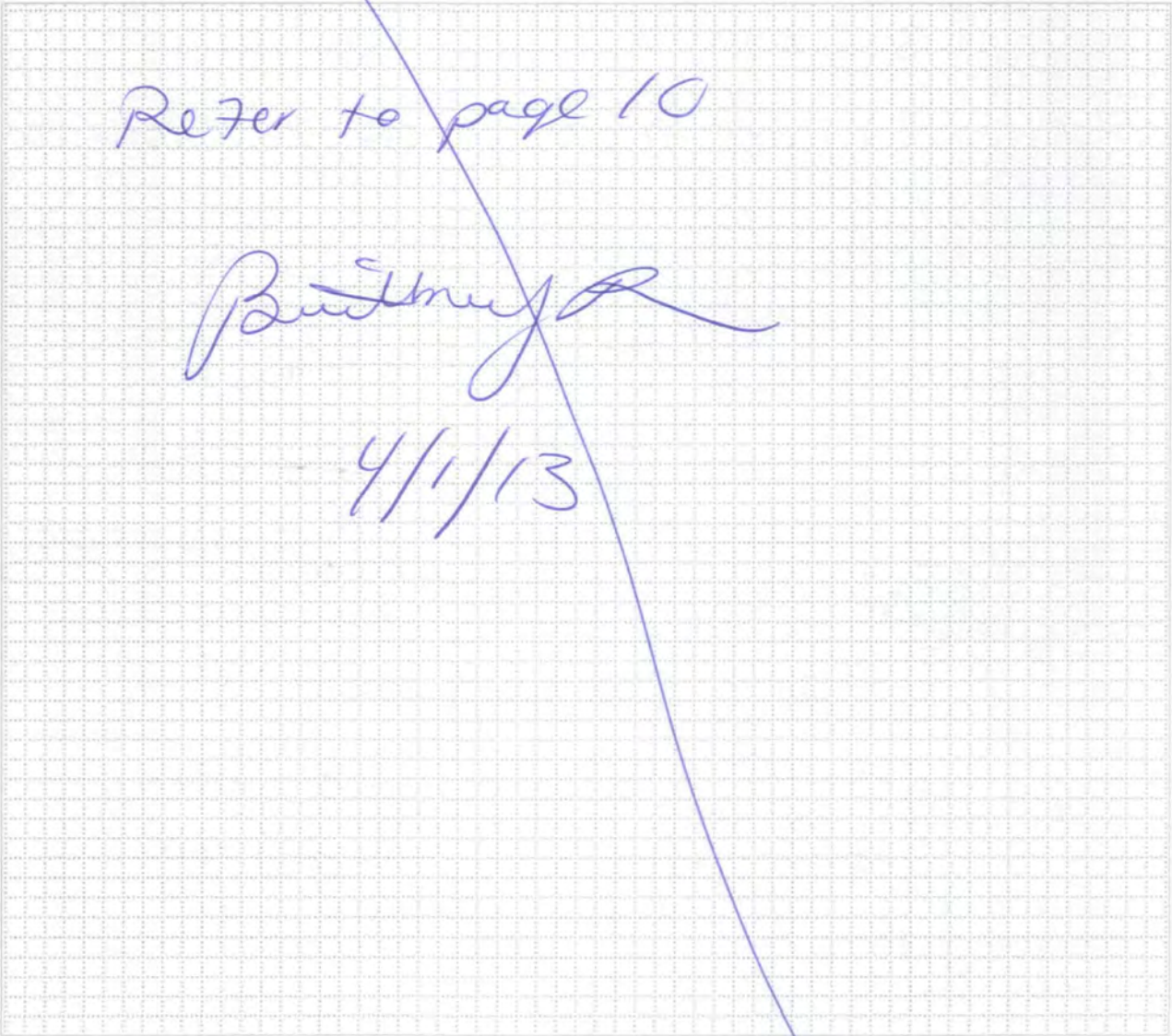
ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM0207C SAMPLE ID: FM0207C-CS

SAMPLE COLLECTION TIME: 1442

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"/> Y or <input type="checkbox"/> N
Aliquot #1:	Latitude:	<u>33.57012821</u>	N Longitude	<u>86.80340060</u>	W
	Media description:	<u>DK brwn silty clay</u>			
Aliquot #2:	Latitude:	<u>33.56997492</u>	N Longitude	<u>86.80340158</u>	W
	Media description:	<u>orange/bwn silty clay</u>			
Aliquot #3:	Latitude:	<u>33.57004172</u>	N Longitude	<u>86.80345819</u>	W
	Media description:	<u>same as #2</u>			
Aliquot #4:	Latitude:	<u>33.56998738</u>	N Longitude	<u>86.80363200</u>	W
	Media description:	<u>same as #2</u>			
Aliquot #5:	Latitude:	<u>33.57014033</u>	N Longitude	<u>86.80362571</u>	W
	Media description:	<u>same as #2</u>			

STATION ID: FM0207D SAMPLE ID: FM0207D-CS

SAMPLE COLLECTION TIME: 1451

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"/> Y or <input type="checkbox"/> N
Aliquot #1:	Latitude:	<u>33.57013302</u>	N Longitude	<u>86.80328568</u>	W
	Media description:	<u>orange / brwn silty clay damp</u>			
Aliquot #2:	Latitude:	<u>33.56998098</u>	N Longitude	<u>86.80328082</u>	W
	Media description:	<u>orange / brwn silty clay w/ coal damp</u>			
Aliquot #3:	Latitude:	<u>33.57002244</u>	N Longitude	<u>86.80332153</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #4:	Latitude:	<u>33.56997175</u>	N Longitude	<u>86.80337204</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #5:	Latitude:	<u>33.57012763</u>	N Longitude	<u>86.80337705</u>	W
	Media description:	<u>same as #1</u>			

(b) (6)

ADDRESS:

PROPERTY ID:

HP0219

DATE:

4/1/13

ARRIVAL TIME:

1510

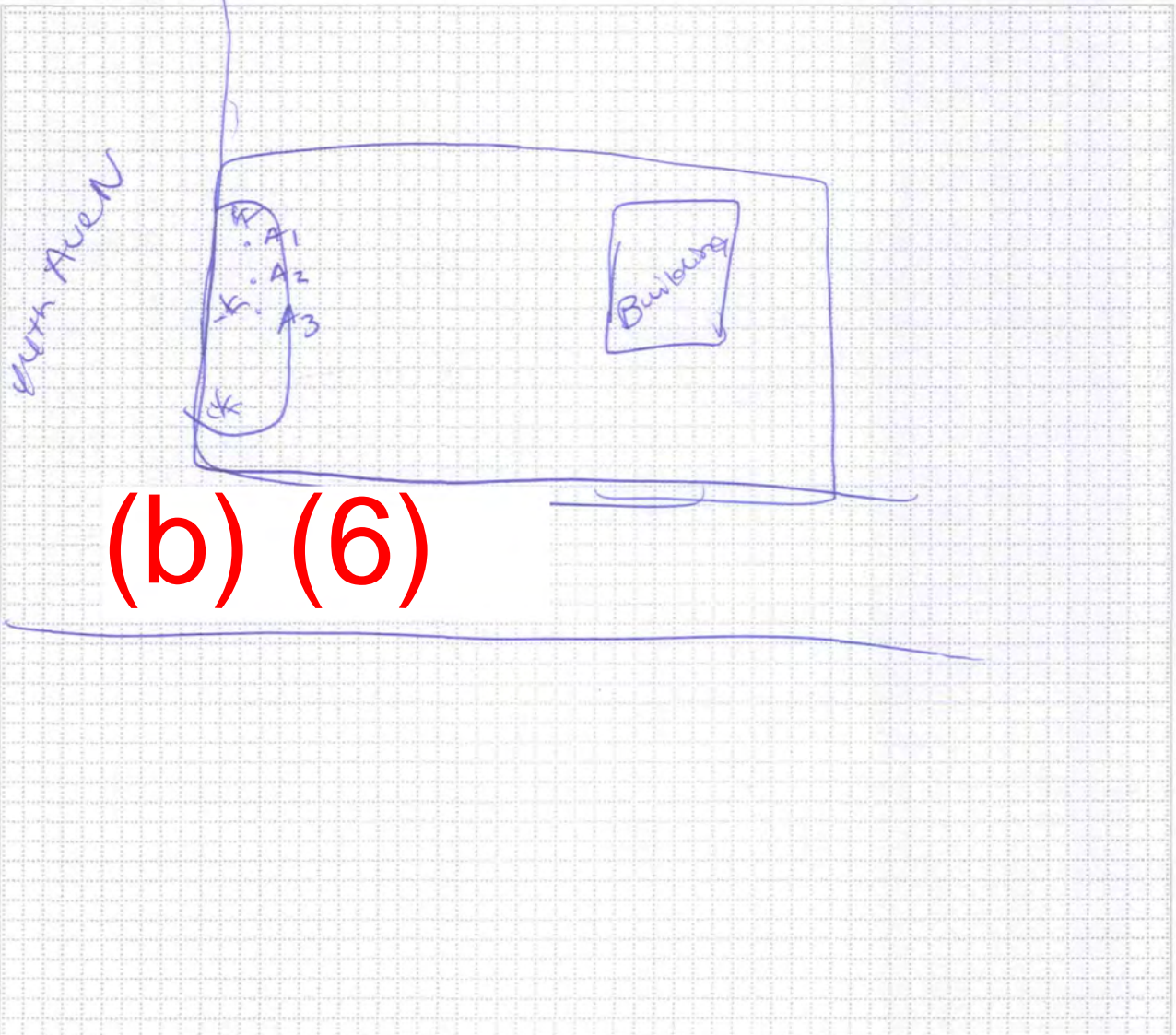
Other pertinent information (weather conditions, etc.):

78°F, sunny

PROPERTY COMMENTS:

Parking lot

Grid for property sketch



STATION ID: HP0219A SAMPLE ID: HP0219A-C5

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:

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>08594</u> Logged? <input checked="" type="checkbox"/> Y or N
Aliquot #1: Latitude: <u>33.56666018</u> N Longitude: <u>86.79325285</u> W Media description: <u>Brun silty clay damp</u>
Aliquot #2: Latitude: <u>33.56666309</u> N Longitude: <u>86.79330365</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.56666604</u> N Longitude: <u>86.79334974</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: _____

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 4/1/13

ADDRESS ^{(b) (6)} (b) (6)

PROPERTY ID: 0100668

DATE: 4/2/13

ARRIVAL TIME: 0830

Other pertinent information (weather conditions, etc.):

55°F, sunny

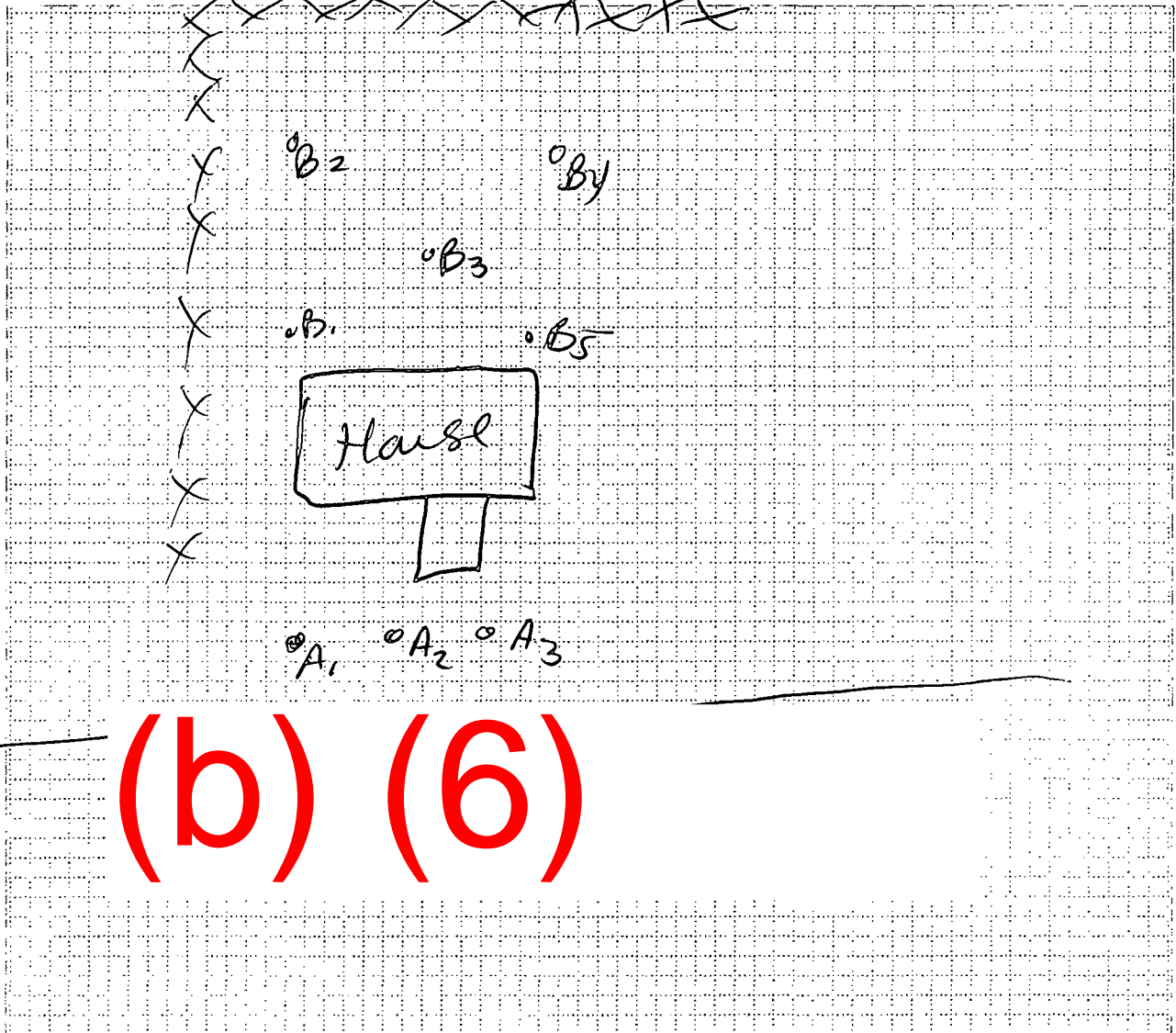
PROPERTY COMMENTS:

Resident Home

Grid for property sketch

(b) (6)

~~0100668~~



(b) (6)

STATION ID: CV0668A SAMPLE ID: CV0668A-CS

SAMPLE COLLECTION TIME: 0840

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: CV0668 @

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

Aliquot #1: Latitude: 33.56032383 N Longitude 86.79971382 W
Media description: Brown sandy silt damp w/ coal

Aliquot #2: Latitude: 33.56031032 N Longitude 86.79975088 W
Media description: same as #1

Aliquot #3: Latitude: 33.56026408 N Longitude 86.79977619 W
Media description: Same as #1

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

Aliquot #5: Latitude: _____ N Longitude BR #2/13 W
Media description: _____

0842

STATION ID: CV0668B SAMPLE ID: CV0668B-CS

SAMPLE COLLECTION TIME: 0848

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: _____

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

Aliquot #1: Latitude: 33.56020407 N Longitude 86.79954739 W
Media description: DK brown sandy silt

Aliquot #2: Latitude: 33.56018365 N Longitude 86.79943776 W
Media description: same as #1

Aliquot #3: Latitude: 33.5614037 N Longitude 86.79955066 W
Media description: same as #1

Aliquot #4: Latitude: 33.56005350 N Longitude 86.79953115 W
Media description: same as #1

Aliquot #5: Latitude: 33.56014953 N Longitude 86.79966012 W
Media description: same as #1

(b) (6)

ADDRESS:

CV0666

DATE: 4/2/13

ARRIVAL TIME: 0850

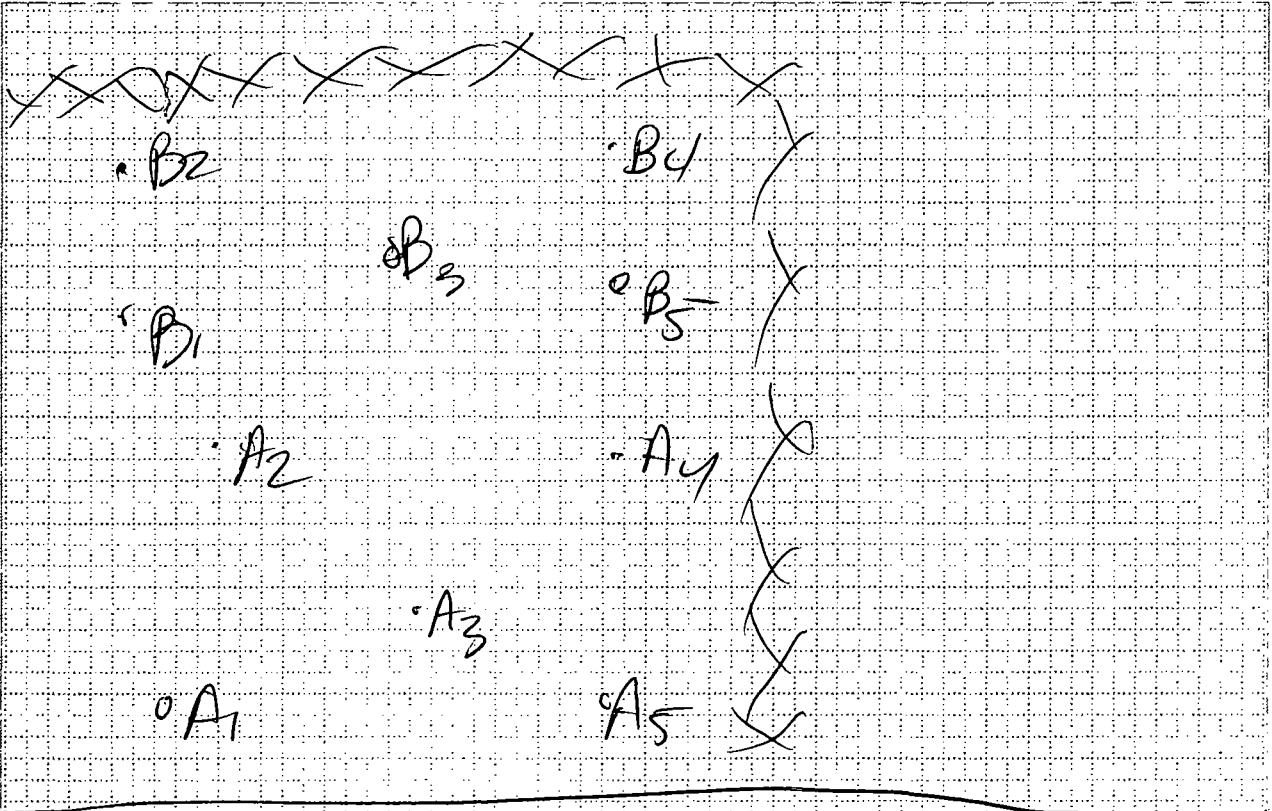
Other pertinent information (weather conditions, etc.):

53°F, Sunny

PROPERTY COMMENTS:

vacant lot

Grid for property sketch



(b) (6)

STATION ID: CV0666A SAMPLE ID: CV0666A-CS

SAMPLE COLLECTION TIME: 0910

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>018524</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56022040</u> N Longitude <u>86.79984280</u> W Media description: <u>DK brown silty clay</u>
Aliquot #2: Latitude: <u>33.56011378</u> N Longitude <u>86.79969166</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.56010625</u> N Longitude <u>86.79979980</u> W Media description: <u>orange clay</u>
Aliquot #4: Latitude: <u>33.56002744</u> N Longitude <u>86.79978470</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.56012523</u> N Longitude <u>86.79993096</u> W Media description: <u>same as #1</u>

STATION ID: CV0666B SAMPLE ID: CV0666B-CS

SAMPLE COLLECTION TIME: 0917

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: _____

GPS Coordinates: Trimble [<input checked="" type="checkbox"/> Instrument #: <u>018524</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56009654</u> N Longitude <u>86.79967157</u> W Media description: <u>DK brown silty clay</u>
Aliquot #2: Latitude: <u>33.56003543</u> N Longitude <u>86.79954247</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.56001508</u> N Longitude <u>86.79968569</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.55993269</u> N Longitude <u>86.79964188</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.56001971</u> N Longitude <u>86.79976815</u> W Media description: <u>same as #1</u>

(b) (6)

ADDRESS:

PROPERTY ID: C10380

DATE:

4/2/13

ARRIVAL TIME:

0930

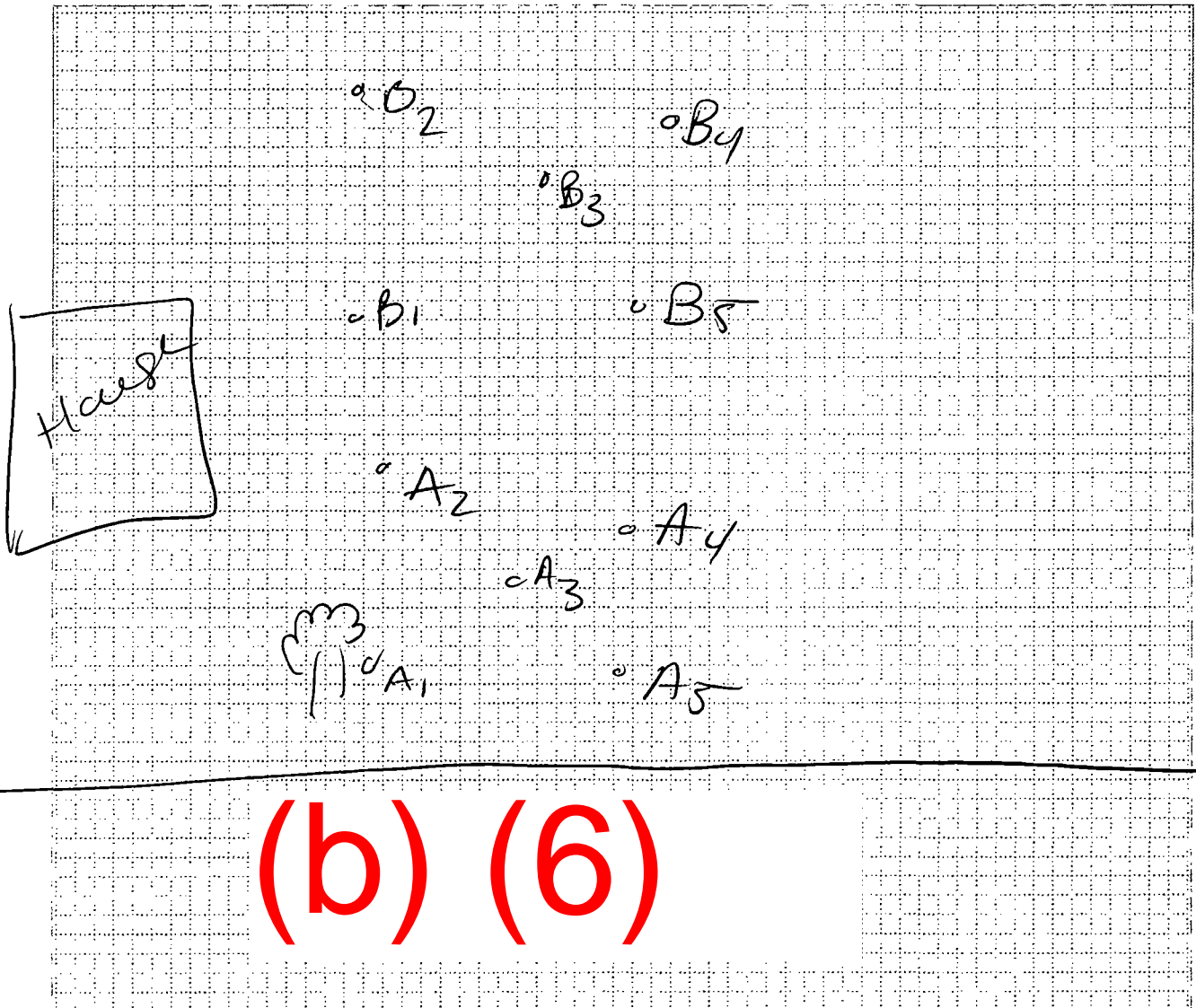
Other pertinent information (weather conditions, etc.):

55°F, sunny

PROPERTY COMMENTS:

Vacant lot

Grid for property sketch



(b) (6)

STATION ID: CV0380A SAMPLE ID: CV0380A-GP

SAMPLE COLLECTION TIME: 0940

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"/> Y or N
Aliquot #1:	Latitude:	<u>33.55630630</u>	N Longitude	<u>86.79937457</u>	W
	Media description:	<u>DK brown silty clay w/ coal</u>			
Aliquot #2:	Latitude:	<u>33.55631378</u>	N Longitude	<u>86.79920896</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55626805</u>	N Longitude	<u>86.79930107</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #4:	Latitude:	<u>33.55621598</u>	N Longitude	<u>86.79921232</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #5:	Latitude:	<u>33.55622625</u>	N Longitude	<u>86.79938443</u>	W
	Media description:	<u>Same as #1</u>			

STATION ID: CV0380B SAMPLE ID: CV0380B-CS

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: _____

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>]	Instrument #:	<u>018594</u>	Logged?	<input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude:	<u>33.55630783</u>	N Longitude	<u>86.79917912</u>	W
	Media description:	<u>Brown silty clay w/ debris, damp</u>			
Aliquot #2:	Latitude:	<u>33.55630766</u>	N Longitude	<u>86.79902017</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55625864</u>	N Longitude	<u>86.79911199</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #4:	Latitude:	<u>33.55620560</u>	N Longitude	<u>86.79902482</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #5:	Latitude:	<u>33.55620407</u>	N Longitude	<u>86.79918267</u>	W
	Media description:	<u>Same as #1</u>			

(b) (6)

ADDRESS:

PROPERTY ID:

020717

DATE:

4/2/13

ARRIVAL TIME:

1005

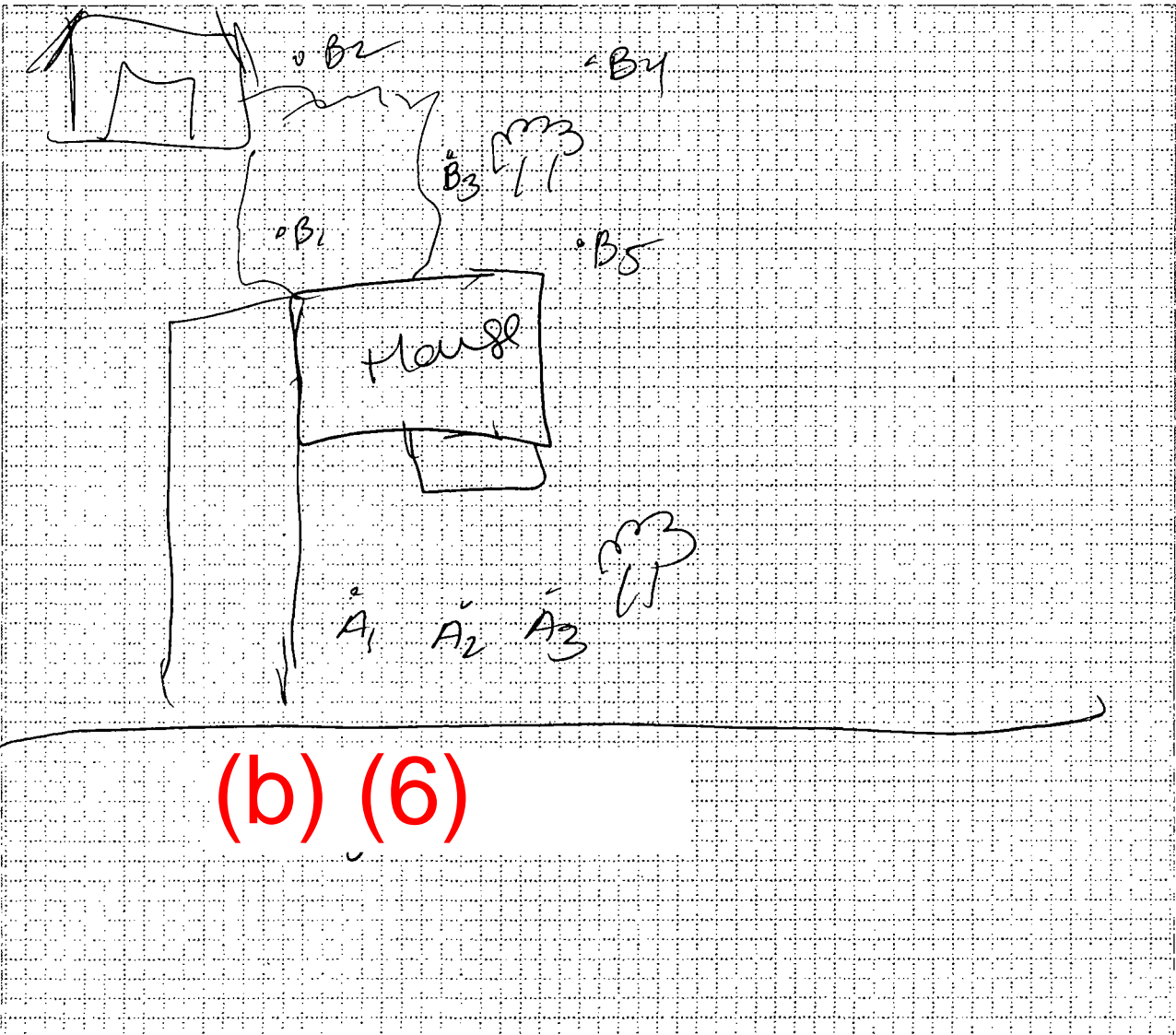
Other pertinent information (weather conditions, etc.):

55°F, sunny

PROPERTY COMMENTS:

Resident home

Grid for property sketch



(b) (6)

STATION ID: CV0717A SAMPLE ID: CV0717A-CS

SAMPLE COLLECTION TIME: 1020

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>33.55744220</u>	N Longitude	<u>86.80164437</u>	W
	Media description:	<u>Bwn silty clay w/ coal dk</u>			
Aliquot #2:	Latitude:	<u>33.55745202</u>	N Longitude	<u>86.80159077</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55748065</u>	N Longitude	<u>86.80158848</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #4:	Latitude:		N Longitude		W
	Media description:	<u>BR 4/2/13</u>			
Aliquot #5:	Latitude:		N Longitude		W
	Media description:				

STATION ID: CV0717B SAMPLE ID: CV0717B-CS

SAMPLE COLLECTION TIME: 1026

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>33.55759411</u>	N Longitude	<u>86.80178303</u>	W
	Media description:	<u>DK brn silty clay</u>			
Aliquot #2:	Latitude:	<u>33.55769749</u>	N Longitude	<u>86.80188082</u>	W
	Media description:	<u>light brn / orange clay</u>			
Aliquot #3:	Latitude:	<u>33.55766774</u>	N Longitude	<u>86.80180494</u>	W
	Media description:	<u>Same as #2</u>			
Aliquot #4:	Latitude:	<u>33.55773055</u>	N Longitude	<u>86.80184115</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #5:	Latitude:	<u>33.55762579</u>	N Longitude	<u>86.80172236</u>	W
	Media description:	<u>Same as #1</u>			

(b) (6)

ADDRESS:

PROPERTY ID: C40135

DATE:

4/2/13

ARRIVAL TIME:

1200

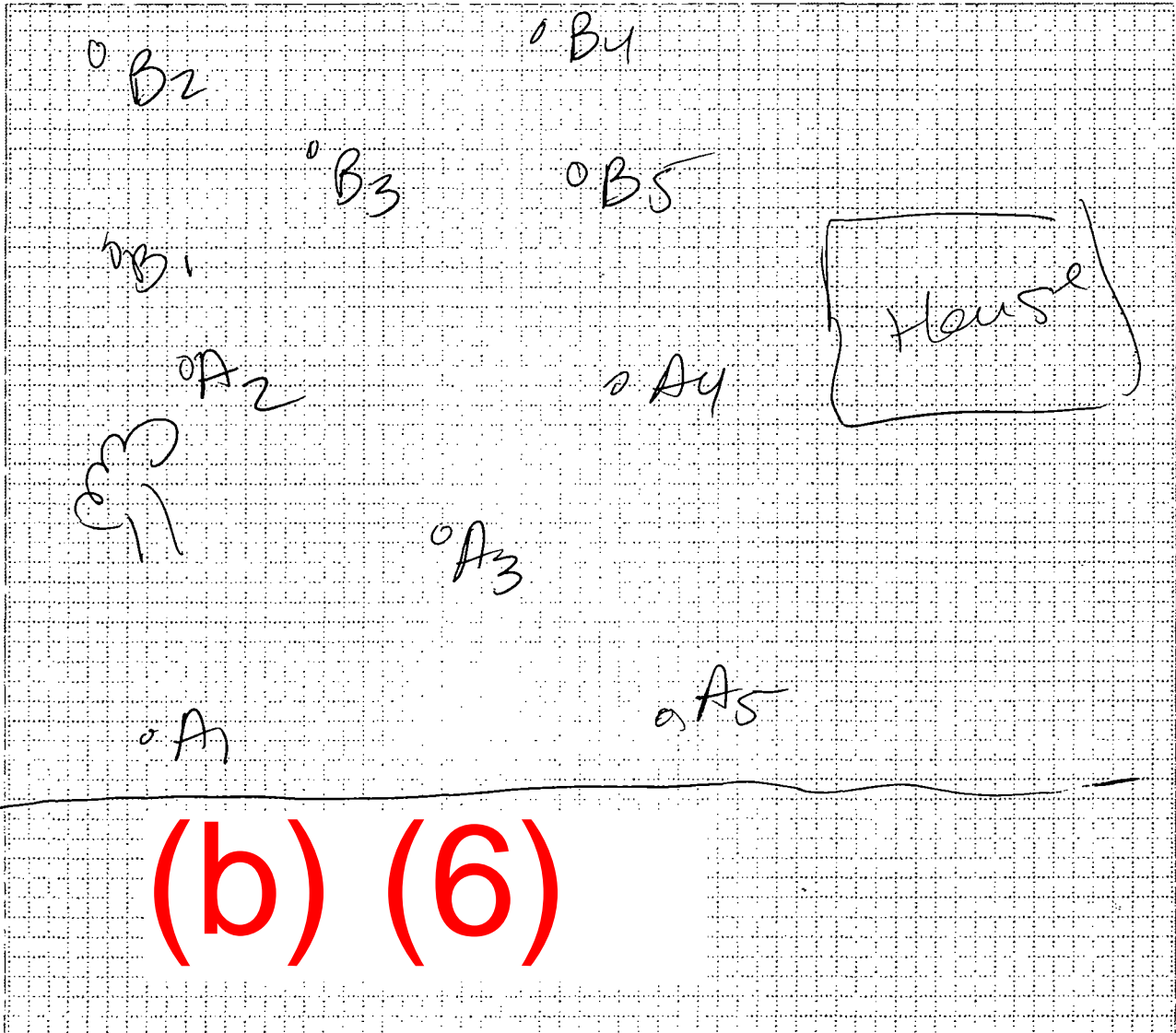
Other pertinent information (weather conditions, etc.):

67°F, Sunny

PROPERTY COMMENTS:

Vacant lot

Grid for property sketch



(b) (6)

STATION ID: CV0135A SAMPLE ID: CV0135A-CS

SAMPLE COLLECTION TIME: 1215

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"/> Y or N
Aliquot #1:	Latitude:	<u>33.55790107</u>	N Longitude:	<u>86.80587870</u>	W
	Media description:	<u>Brown silt damp</u>			
Aliquot #2:	Latitude:	<u>33.55790007</u>	N Longitude:	<u>86.80599880</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55792551</u>	N Longitude:	<u>86.80594886</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #4:	Latitude:	<u>33.55798882</u>	N Longitude:	<u>86.80599840</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #5:	Latitude:	<u>33.55798601</u>	N Longitude:	<u>86.80587733</u>	W
	Media description:	<u>Brown/orange silty clay</u>			

STATION ID: CV0135B SAMPLE ID: CV0135B-CS

SAMPLE COLLECTION TIME: 1220

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"/> Y or N
Aliquot #1:	Latitude:	<u>33.55790050</u>	N Longitude:	<u>86.80601663</u>	W
	Media description:	<u>DK brown silty clay w/ coal</u>			
Aliquot #2:	Latitude:	<u>33.55789539</u>	N Longitude:	<u>86.80615531</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55792917</u>	N Longitude:	<u>86.80609205</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #4:	Latitude:	<u>33.55799754</u>	N Longitude:	<u>86.80612362</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #5:	Latitude:	<u>33.55799077</u>	N Longitude:	<u>86.80602885</u>	W
	Media description:	<u>Same as #1</u>			

(b) (6)

ADDRESS:

PROPERTY ID:

CV0181

DATE:

4/2/13

ARRIVAL TIME:

1300

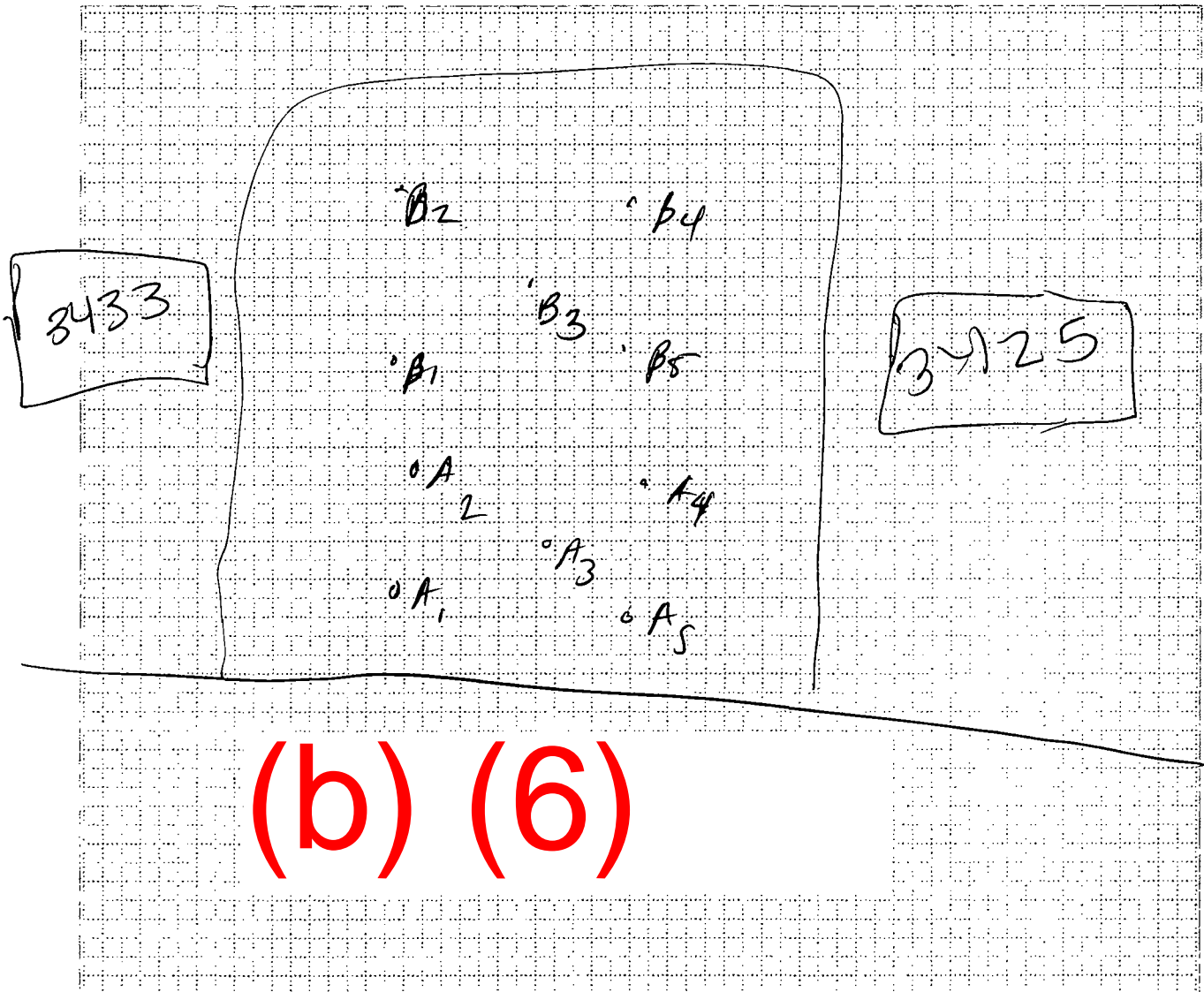
Other pertinent information (weather conditions, etc.):

68°F, sunny

PROPERTY COMMENTS:

Vacant lot

Grid for property sketch



STATION ID: CVOISIA SAMPLE ID: CVOISIA-CS

SAMPLE COLLECTION TIME: 1320

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: CVOISIA@

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> Y or <u>N</u>
Aliquot #1: Latitude: <u>33.55917134</u> N Longitude: <u>86.80572688</u> W Media description: <u>Dr brown silt w/ gravel</u>
Aliquot #2: Latitude: <u>33.55917185</u> N Longitude: <u>86.80559487</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.55911849</u> N Longitude: <u>86.80564516</u> W Media description: <u>Brown/orange clay</u>
Aliquot #4: Latitude: <u>33.55907784</u> N Longitude: <u>86.80559221</u> W Media description: <u>Same as #1</u>
Aliquot #5: Latitude: <u>33.55907024</u> N Longitude: <u>86.80572221</u> W Media description: <u>Same as #1</u>

1325

STATION ID: CVOISIB SAMPLE ID: CVOISIB-CS

SAMPLE COLLECTION TIME: 1333

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? <input checked="" type="checkbox"/> Y or <u>N</u>
Aliquot #1: Latitude: <u>33.55912697</u> N Longitude: <u>86.80560056</u> W Media description: <u>Brown silt w/ gravel</u>
Aliquot #2: Latitude: <u>33.55915628</u> N Longitude: <u>86.80543754</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.55911812</u> N Longitude: <u>86.80548964</u> W Media description: <u>Same as #1</u>
Aliquot #4: Latitude: <u>33.55906517</u> N Longitude: <u>86.80543084</u> W Media description: <u>Dr brown silty clay</u>
Aliquot #5: Latitude: <u>33.55907319</u> N Longitude: <u>86.80556389</u> W Media description: <u>Same as #1</u>

(b) (6)

ADDRESS: _____

PROPERTY ID: C1V0098

DATE: 4/2/13

ARRIVAL TIME: 1340

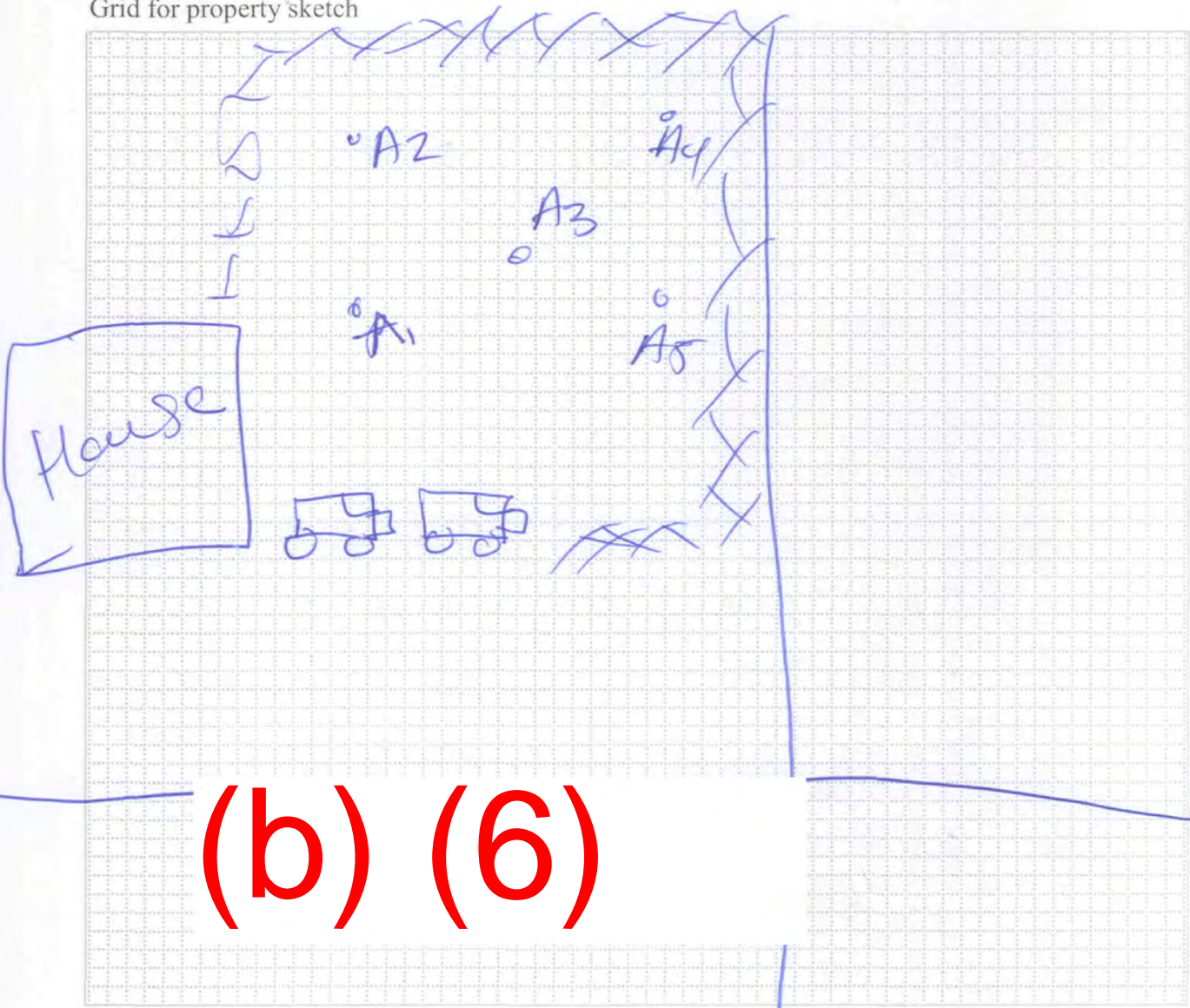
Other pertinent information (weather conditions, etc.):

69°F, sunny

PROPERTY COMMENTS:

Vacant lot

Grid for property sketch



(b) (6)

STATION ID: CV0098A SAMPLE ID: CV0098A-CS

SAMPLE COLLECTION TIME: 1350

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>015594</u> Logged? <input checked="" type="radio"/> Y or N
Aliquot #1: Latitude: <u>33.55838610</u> N Longitude: <u>86.80472314</u> W Media description: <u>DR brown silt w/ coal & gravel</u>
Aliquot #2 Latitude: <u>33.55837676</u> N Longitude: <u>86.80455356</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55833192</u> N Longitude: <u>86.80464941</u> W Media description: <u>orange/brown silt</u>
Aliquot #4: Latitude: <u>33.55826079</u> N Longitude: <u>86.80459399</u> W Media description: <u>Same as #3</u>
Aliquot #5: Latitude: <u>33.55826223</u> N Longitude: <u>86.80473940</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: _____

BP 4/12/13

(b) (6)

ADDRESS: _____ PROPERTY ID: OV1236

DATE: 4/2/13 ARRIVAL TIME: 1441

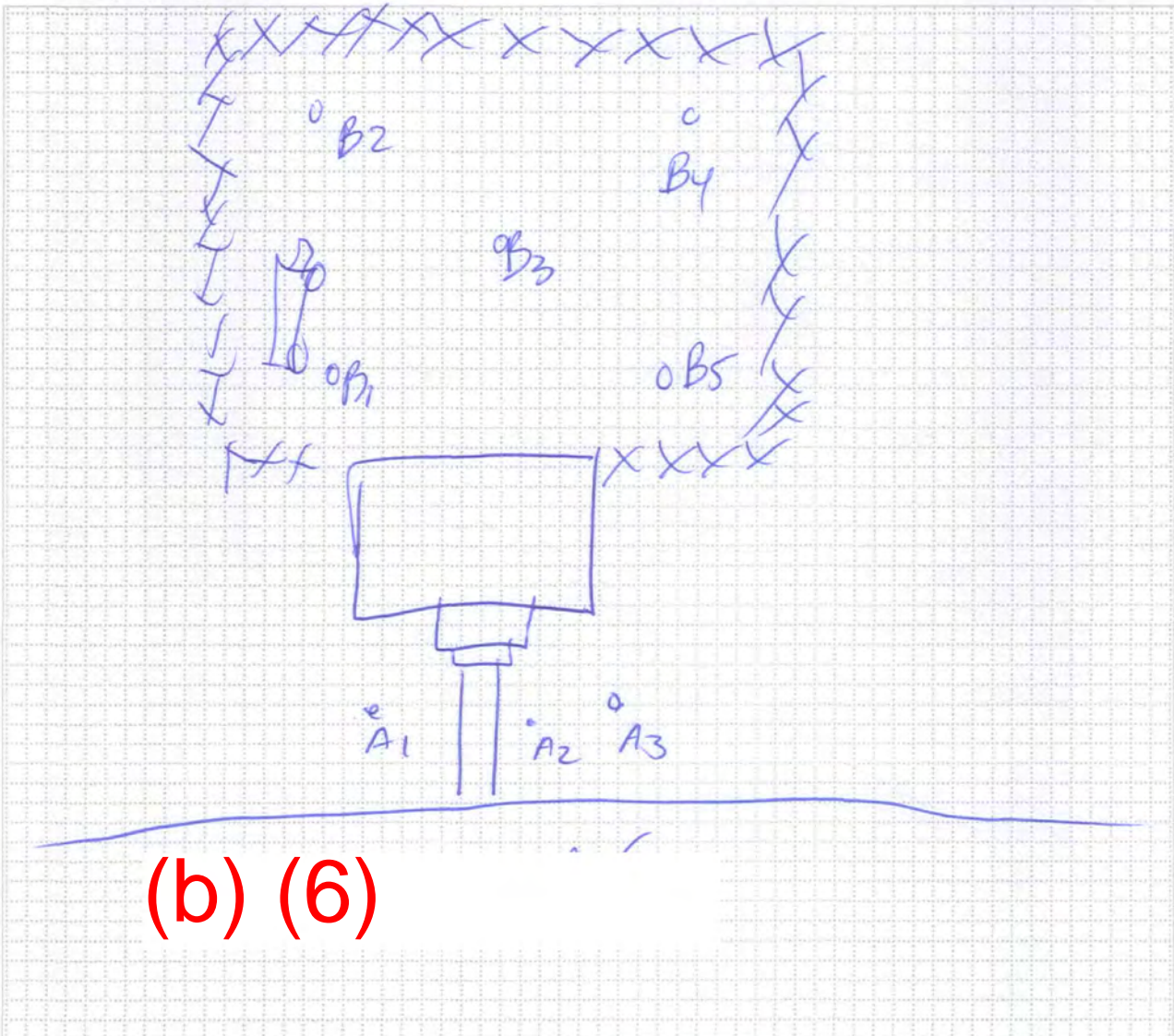
Other pertinent information (weather conditions, etc.):

72°F, Sunny

PROPERTY COMMENTS:

Resident Home

Grid for property sketch



(b) (6)

STATION ID: CV1236A SAMPLE ID: CV1236A-CS

SAMPLE COLLECTION TIME: 1455

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>33.55193931</u> N Longitude: <u>86.80097629</u> W Media description: <u>light brown silt</u>
Aliquot #2: Latitude: <u>33.55194104</u> N Longitude: <u>86.80103066</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55193484</u> N Longitude: <u>86.801018455</u> W Media description: <u>orange brown silty clay</u>
Aliquot #4: Latitude: _____ N Longitude: _____ W Media description: _____
Aliquot #5: Latitude: _____ N Longitude: _____ W Media description: _____

STATION ID: CV1236B SAMPLE ID: CV1236B-CS

SAMPLE COLLECTION TIME: 1505

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>33.55174053</u> N Longitude: <u>86.80097202</u> W Media description: <u>DK brown/brown sandy silt w/coal</u>
Aliquot #2: Latitude: <u>33.55163227</u> N Longitude: <u>86.80098120</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55169077</u> N Longitude: <u>86.80100967</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.55164294</u> N Longitude: <u>86.80107521</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.55174360</u> N Longitude: <u>86.80106066</u> W Media description: <u>same as #1</u>

(b) (6)

ADDRESS:

PROPERTY ID:

QV0053

DATE:

4/3/13

ARRIVAL TIME:

0855

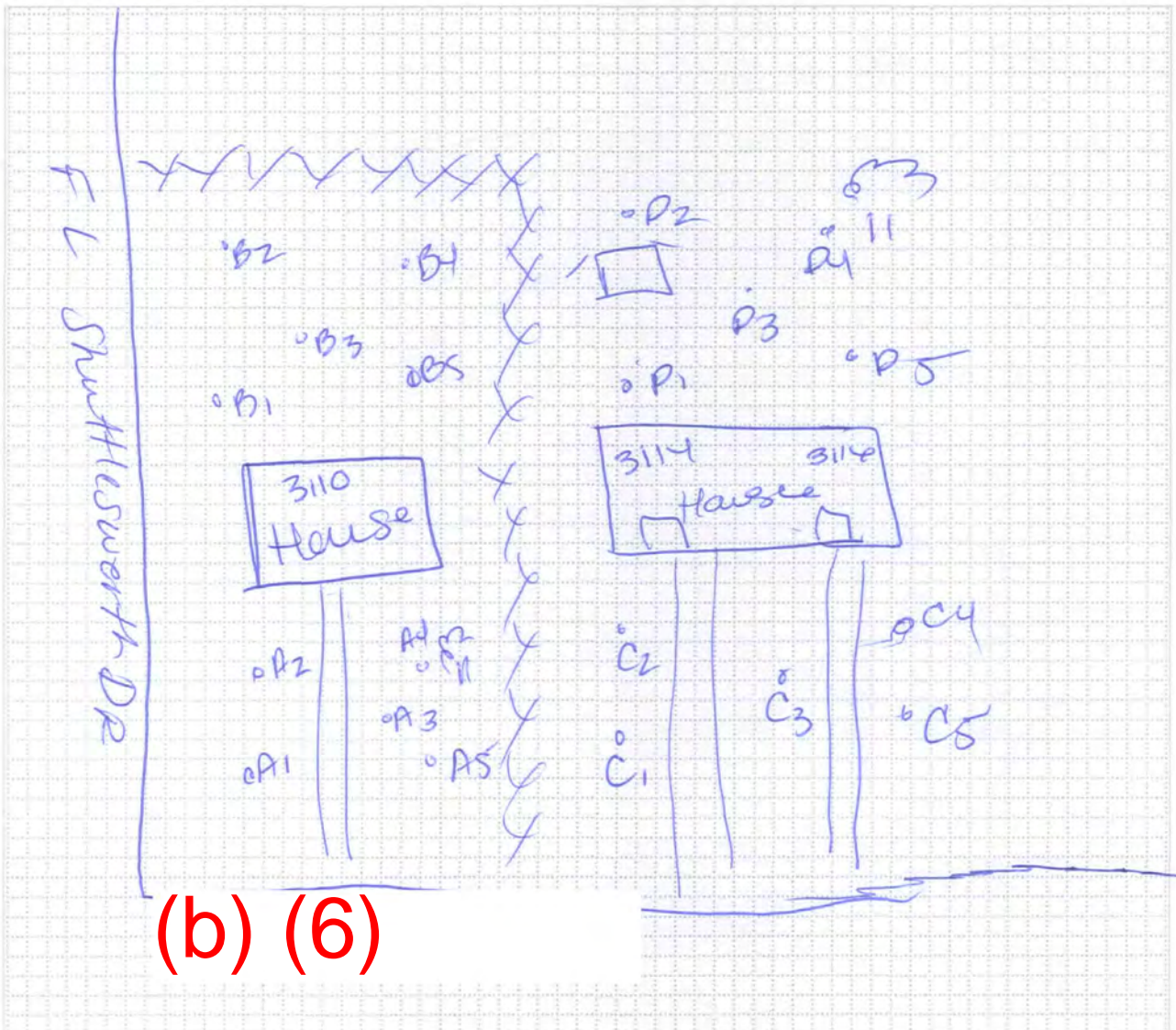
Other pertinent information (weather conditions, etc.):

53°F, Cloudy

PROPERTY COMMENTS:

4 addresses in one: corner store, house (3110),
and duplex (3114 + 3116)

Grid for property sketch



(b) (6)

STATION ID: CV0053A SAMPLE ID: CV0053A-CS

SAMPLE COLLECTION TIME: 0910

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: CV0053A @ 0915

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>018594</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.55420004</u> N Longitude <u>86.80448084</u> W Media description: <u>Brun silt</u>
Aliquot #2: Latitude: <u>33.55423787</u> N Longitude <u>86.80448094</u> W Media description: <u>Brun silt</u>
Aliquot #3: Latitude: <u>33.55422173</u> N Longitude <u>86.80443226</u> W Media description: <u>Brun silt</u>
Aliquot #4: Latitude: <u>33.55423482</u> N Longitude <u>86.80437573</u> W Media description: <u>Brun silt</u>
Aliquot #5: Latitude: <u>33.55419720</u> N Longitude <u>86.80437523</u> W Media description: <u>Brun silt</u>

STATION ID: CV0053B SAMPLE ID: CV0053B-CS

SAMPLE COLLECTION TIME: 0925

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>33.55440887</u> N Longitude <u>86.80447937</u> W Media description: <u>DK brun silt w/ coal</u>
Aliquot #2: Latitude: <u>33.55450090</u> N Longitude <u>86.80447908</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55446565</u> N Longitude <u>86.80441901</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.55450222</u> N Longitude <u>86.80436492</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.55441694</u> N Longitude <u>86.80437319</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

Britney Buss

4/3/13

STATION ID: CV0053C SAMPLE ID: CV0053C-C5

SAMPLE COLLECTION TIME: 0930

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>33.554191991</u> N Longitude <u>86.80435265</u> W Media description: <u>Bwn silt w/ gravel + coal</u>
Aliquot #2: Latitude: <u>33.55422835</u> N Longitude <u>86.80434288</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.55421558</u> N Longitude <u>86.80430091</u> W Media description: <u>Same as #1</u>
Aliquot #4: Latitude: <u>33.55423174</u> N Longitude <u>86.80424741</u> W Media description: <u>Same as #1</u>
Aliquot #5: Latitude: <u>33.55418658</u> N Longitude <u>86.80424030</u> W Media description: <u>Same as #1</u>

STATION ID: CV0053D SAMPLE ID: CV0053D-C5

SAMPLE COLLECTION TIME: 0940

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>33.55442419</u> N Longitude <u>86.80433749</u> W Media description: <u>DK brwn/blk silt w/ coal</u>
Aliquot #2: Latitude: <u>33.55449280</u> N Longitude <u>86.80433782</u> W Media description: _____
Aliquot #3: Latitude: <u>33.55445625</u> N Longitude <u>86.80429428</u> W Media description: _____
Aliquot #4: Latitude: <u>33.55448936</u> N Longitude <u>86.80426366</u> W Media description: _____
Aliquot #5: Latitude: <u>33.55442543</u> N Longitude <u>86.80423651</u> W Media description: _____

(b) (6)

ADDRESS:

PROPERTY ID: CV0818

DATE: 4/3/13

ARRIVAL TIME: 0955

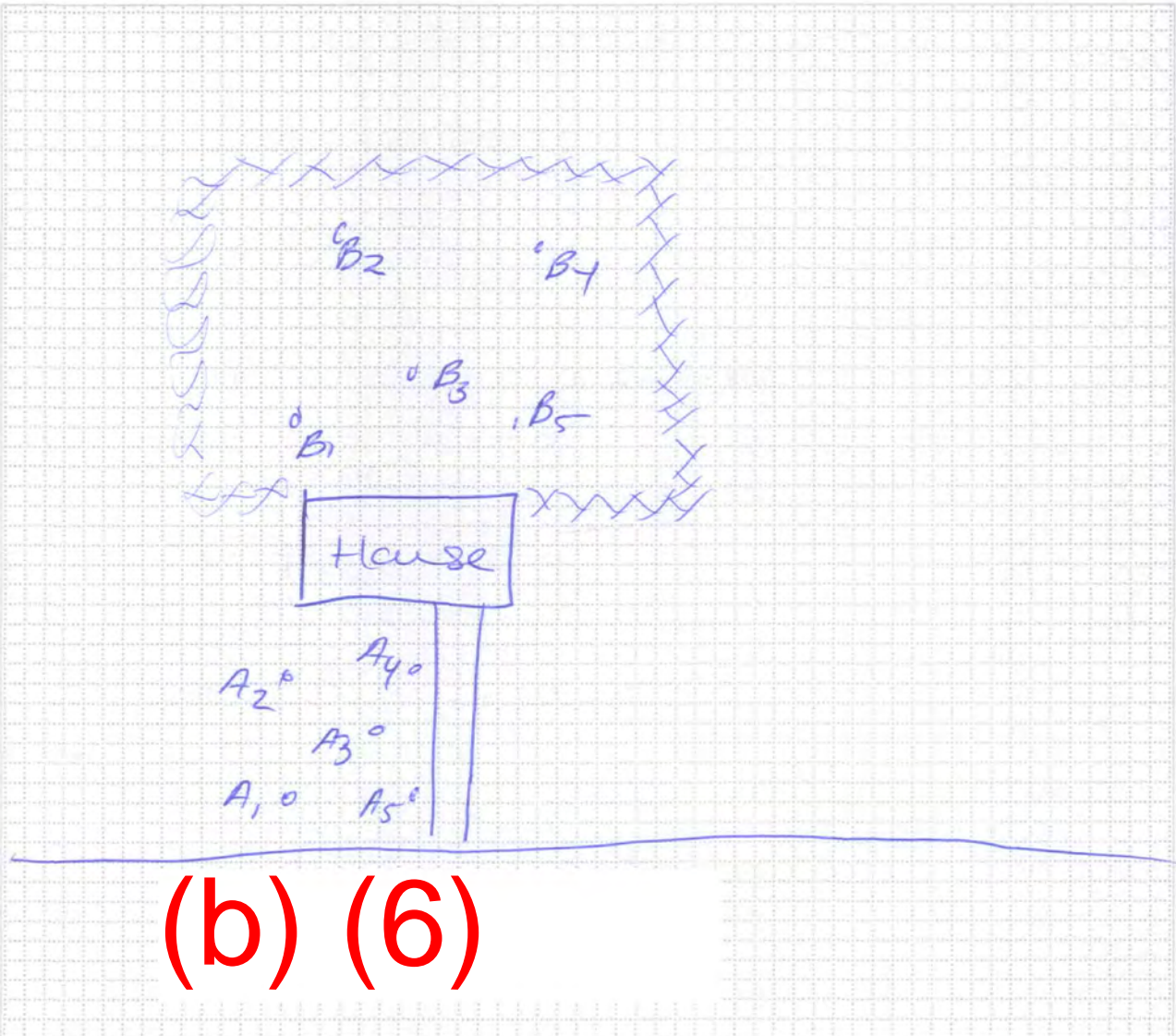
Other pertinent information (weather conditions, etc.):

56°F, Cloudy

PROPERTY COMMENTS:

Resident Home

Grid for property sketch



(b) (6)

STATION ID: CV0818A SAMPLE ID: CV0818A-CS

SAMPLE COLLECTION TIME: 1000

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>33.55398458</u> N Longitude <u>86.80127550</u> W Media description: <u>Brun silty clay</u>
Aliquot #2: Latitude: <u>33.55394421</u> N Longitude <u>86.80126704</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55396340</u> N Longitude <u>86.80130645</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.55394991</u> N Longitude <u>86.80135304</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.55398541</u> N Longitude <u>86.80134694</u> W Media description: <u>same as #1</u>

STATION ID: CV0818B SAMPLE ID: CV0818B-CS

SAMPLE COLLECTION TIME: 1007

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>33.55382586</u> N Longitude <u>86.80126420</u> W Media description: <u>Brun silty clay</u>
Aliquot #2: Latitude: <u>33.55369786</u> N Longitude <u>86.80128366</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55375772</u> N Longitude <u>86.80134138</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.55369958</u> N Longitude <u>86.80139267</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.55382583</u> N Longitude <u>86.80138849</u> W Media description: <u>same as #1</u>

(b) (6)

ADDRESS: _____

PROPERTY ID: _____

CV0789

DATE: _____

4/3/13

ARRIVAL TIME: _____

1035

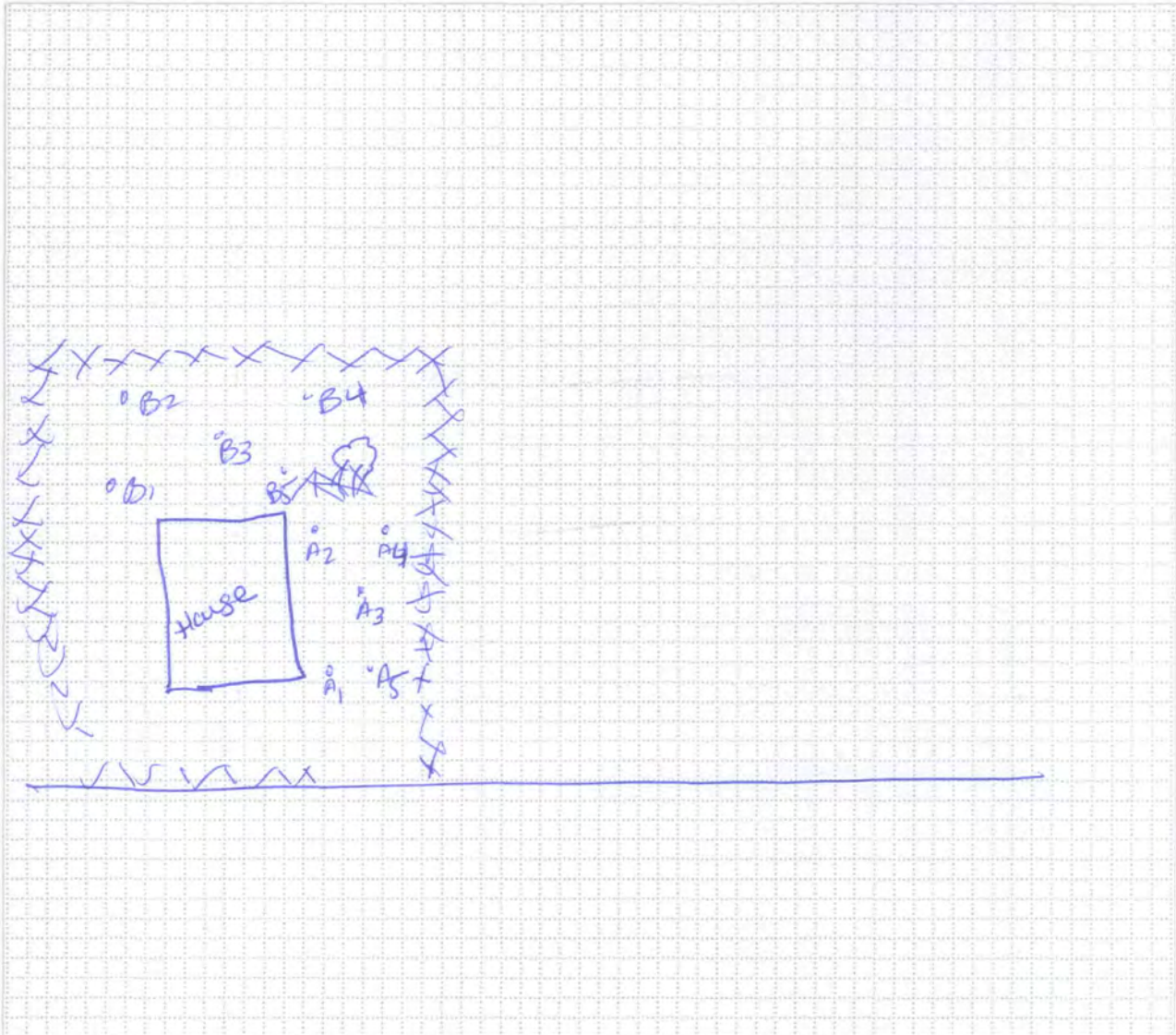
Other pertinent information (weather conditions, etc.):

53°F, cloudy

PROPERTY COMMENTS:

Resident Home (vacant)

Grid for property sketch



STATION ID: CV0789A SAMPLE ID: CV0789A-CS

SAMPLE COLLECTION TIME: 1044

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>33.55335288</u> N Longitude <u>86.80131571</u> W Media description: <u>De brwn silt damp w/ coal</u>
Aliquot #2: Latitude: <u>33.55340206</u> N Longitude <u>86.80130264</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.55343499</u> N Longitude <u>86.80132788</u> W Media description: <u>Same as #1</u>
Aliquot #4: Latitude: <u>33.55345838</u> N Longitude <u>86.80127273</u> W Media description: <u>Same as #1</u>
Aliquot #5: Latitude: <u>33.55349542</u> N Longitude <u>86.80129741</u> W Media description: <u>orange/brwn silty clay damp w/ coal</u>

STATION ID: CV0789B SAMPLE ID: CV0789B-CS

SAMPLE COLLECTION TIME: 1049

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>33.55357083</u> N Longitude <u>86.80138942</u> W Media description: <u>Brwn silt w/ coal</u>
Aliquot #2: Latitude: <u>33.55362008</u> N Longitude <u>86.80138467</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.55359121</u> N Longitude <u>86.80134183</u> W Media description: <u>Same as #1</u>
Aliquot #4: Latitude: <u>33.55361192</u> N Longitude <u>86.80129472</u> W Media description: <u>DK brwn/blk silt w/ coal & slag</u>
Aliquot #5: Latitude: <u>33.55357651</u> N Longitude <u>86.80130378</u> W Media description: <u>Same as #1</u>

(b) (6)

ADDRESS:

PROPERTY ID:

C10052

DATE:

4/3/13

ARRIVAL TIME:

1110

Other pertinent information (weather conditions, etc.):

53°F, Cloudy

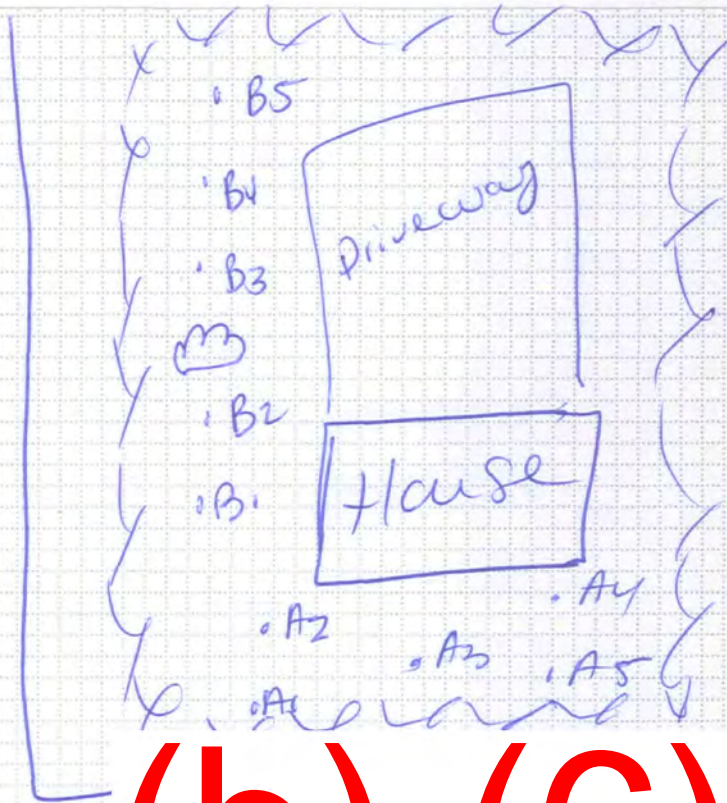
PROPERTY COMMENTS:

Resident Home

home is facing 33rd Pl TV

Grid for property sketch

(b) (6)



(b) (6)

STATION ID: CV0082A SAMPLE ID: CV0082A-CS

SAMPLE COLLECTION TIME: 1125

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>33.85420402</u> N Longitude: <u>86.79956943</u> W Media description: <u>Brun silt dry</u>
Aliquot #2: Latitude: <u>33.55418767</u> N Longitude: <u>86.79962277</u> W Media description: <u>Brun silt dry</u>
Aliquot #3: Latitude: <u>33.55423280</u> N Longitude: <u>86.79958861</u> W Media description: <u>Brun silt dry</u>
Aliquot #4: Latitude: <u>33.55428447</u> N Longitude: <u>86.79960172</u> W Media description: <u>DK brun silt dry</u>
Aliquot #5: Latitude: <u>33.55428468</u> N Longitude: <u>86.79956628</u> W Media description: <u>DK brun silt dry</u>

STATION ID: CV0082B SAMPLE ID: CV0082B-CS

SAMPLE COLLECTION TIME: 1130

Description of sample location (side yard, 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>33.55419511</u> N Longitude: <u>86.79972764</u> W Media description: <u>Brun silt w/coal</u>
Aliquot #2: Latitude: <u>33.55420204</u> N Longitude: <u>86.79977863</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55419795</u> N Longitude: <u>86.79984626</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.55420419</u> N Longitude: <u>86.79991395</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.55421497</u> N Longitude: <u>86.79997958</u> W Media description: <u>same as #1</u>

(b) (6)

ADDRESS: _____ PROPERTY ID: CV1262

DATE: 4/3/13 ARRIVAL TIME: 1305

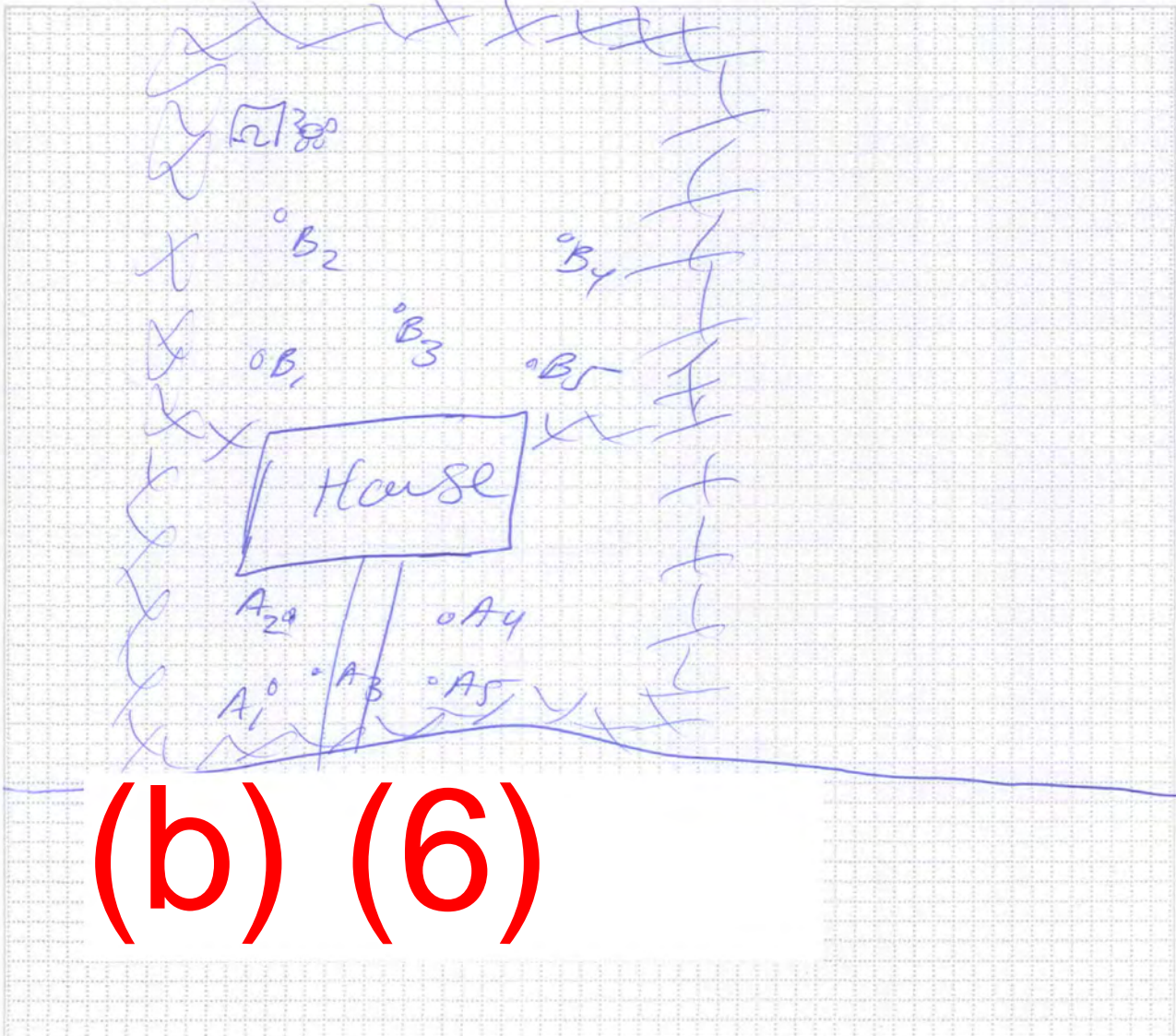
Other pertinent information (weather conditions, etc.):

53°F, Cloudy

PROPERTY COMMENTS:

Resident Home

Grid for property sketch



(b) (6)

STATION ID: CV1262A SAMPLE ID: CV1262A-C5

SAMPLE COLLECTION TIME: 1315

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"/> Y or N
Aliquot #1: Latitude: <u>33.55176672</u> N Longitude <u>86.79659874</u> W Media description: <u>Brown silt w/ gravel</u>
Aliquot #2: Latitude: <u>33.55172566</u> N Longitude <u>86.79659817</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.55177131</u> N Longitude <u>86.79663668</u> W Media description: <u>Same as #1</u>
Aliquot #4: Latitude: <u>33.55173219</u> N Longitude <u>86.79670690</u> W Media description: <u>Same as #1</u>
Aliquot #5: Latitude: <u>33.55176978</u> N Longitude <u>86.79670411</u> W Media description: <u>Same as #1</u>

STATION ID: CV1262B SAMPLE ID: CV1262B-C5

SAMPLE COLLECTION TIME: 1320

Description of sample location (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"/> Y or N
Aliquot #1: Latitude: <u>33.55160979</u> N Longitude <u>86.79658903</u> W Media description: <u>Dark brown silt w/ gravel</u>
Aliquot #2: Latitude: <u>33.55156220</u> N Longitude <u>86.79659427</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.55158071</u> N Longitude <u>86.79664416</u> W Media description: <u>Same as #1</u>
Aliquot #4: Latitude: <u>33.55156785</u> N Longitude <u>86.79671313</u> W Media description: <u>Same as #1</u>
Aliquot #5: Latitude: <u>33.55161976</u> N Longitude <u>86.79673397</u> W Media description: <u>Same as #1</u>

ADDRESS: (b) (6)

PROPERTY ID: CV1281

DATE: 4/3/13 ARRIVAL TIME: 1330

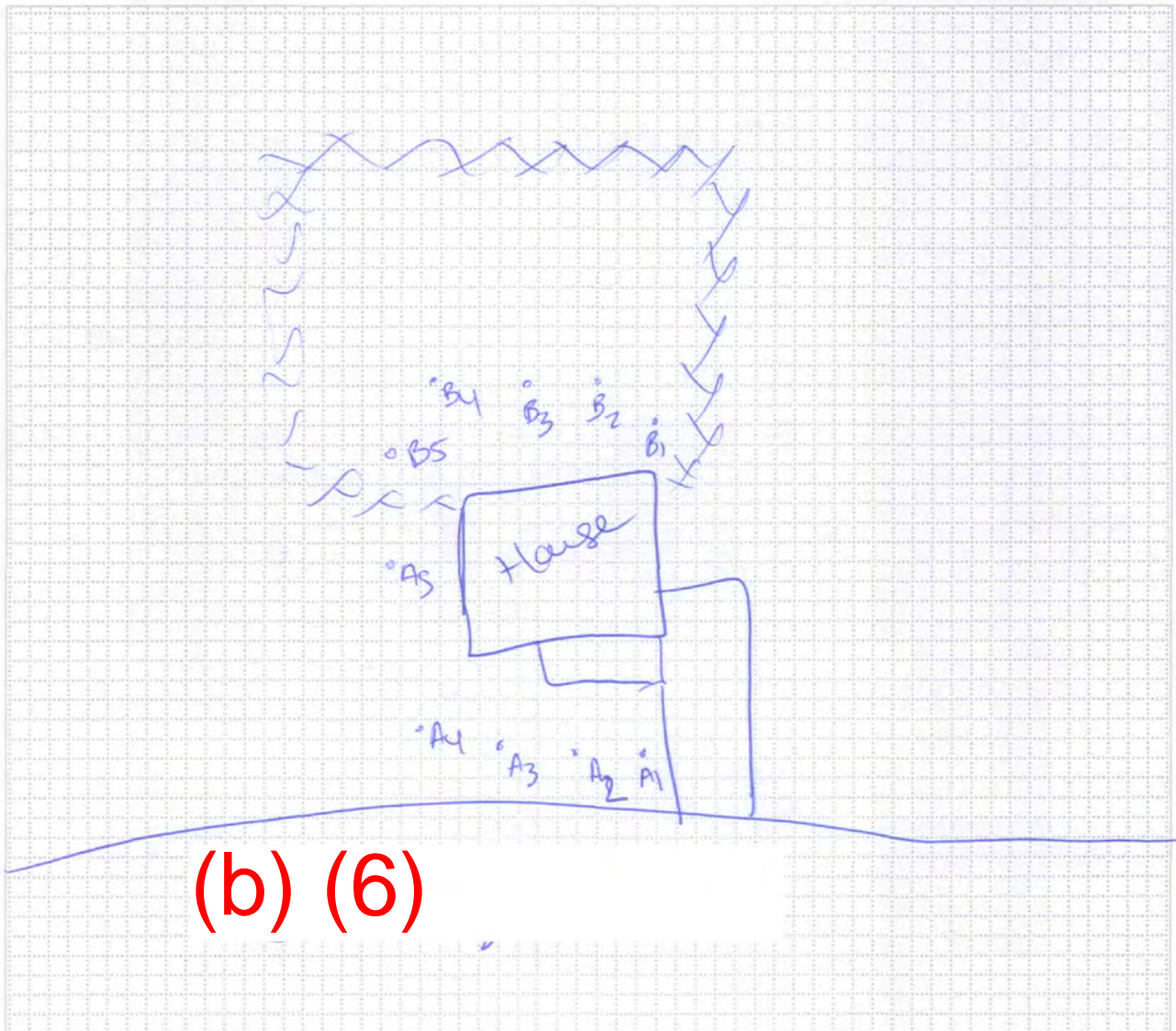
Other pertinent information (weather conditions, etc.):

53°F, Cloudy

PROPERTY COMMENTS:

Resident Home

Grid for property sketch



(b) (6)

STATION ID: CV12S1A SAMPLE ID: CV12S1A-CS

SAMPLE COLLECTION TIME: 1342

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"/>] Y or N
Aliquot #1:	Latitude: <u>33.55191511</u> N Longitude: <u>86.79757122</u> W	Media description: <u>Brown silt w/ gravel</u>
Aliquot #2:	Latitude: <u>33.55192151</u> N Longitude: <u>86.79760635</u> W	Media description: <u>same as #1</u>
Aliquot #3:	Latitude: <u>33.55192141</u> N Longitude: <u>86.79763904</u> W	Media description: <u>same as #1</u>
Aliquot #4:	Latitude: <u>33.55193043</u> N Longitude: <u>86.79766934</u> W	Media description: <u>same as #1</u>
Aliquot #5:	Latitude: <u>33.55207216</u> N Longitude: <u>86.79765072</u> W	Media description: <u>same as #1</u>

STATION ID: CV12S1B SAMPLE ID: CV12S1B-CS

SAMPLE COLLECTION TIME: 1350

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"/>] Y or N
Aliquot #1:	Latitude: <u>33.55210180</u> N Longitude: <u>86.79753029</u> W	Media description: <u>Blk silt</u>
Aliquot #2:	Latitude: <u>33.55214707</u> N Longitude: <u>86.79757387</u> W	Media description: <u>same as #1</u>
Aliquot #3:	Latitude: <u>33.55214808</u> N Longitude: <u>86.79761966</u> W	Media description: <u>same as #1</u>
Aliquot #4:	Latitude: <u>33.55214571</u> N Longitude: <u>86.79765454</u> W	Media description: <u>same as #1</u>
Aliquot #5:	Latitude: <u>33.55210095</u> N Longitude: <u>86.79767084</u> W	Media description: <u>same as #1</u>

(b) (6)

ADDRESS: _____

PROPERTY ID: _____

CV0332

DATE: _____

4/3/13

ARRIVAL TIME: _____

1400

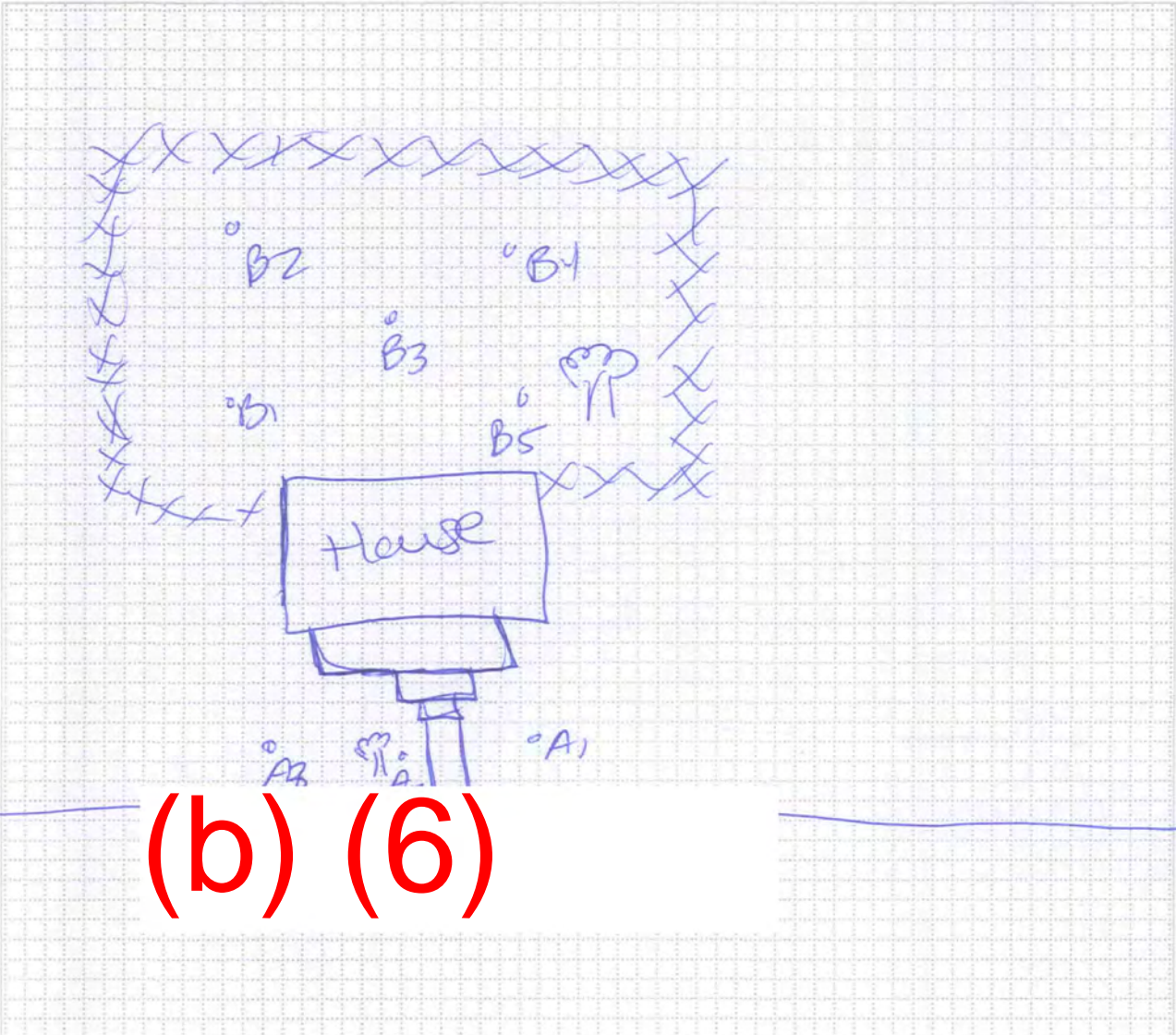
Other pertinent information (weather conditions, etc.):

53°F light Rain, cloudy

PROPERTY COMMENTS:

Resident Home

Grid for property sketch



(b) (6)

STATION ID: CV0332A SAMPLE ID: CV0332A-CS

SAMPLE COLLECTION TIME: 1420

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"/>	Y or N
Aliquot #1:	Latitude: <u>33.55612560</u>	N Longitude: <u>86.79795622</u>	W	
	Media description: <u>DK brn silty clay w/ gravel</u>			
Aliquot #2:	Latitude: <u>33.55613233</u>	N Longitude: <u>86.79803398</u>	W	
	Media description: <u>Same as #1</u>			
Aliquot #3:	Latitude: <u>33.55611746</u>	N Longitude: <u>86.79808464</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: _____			

STATION ID: CV0332B SAMPLE ID: CV0332B-CS

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: _____

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #: <u>018594</u>	Logged? <input checked="" type="checkbox"/>	Y or N
Aliquot #1:	Latitude: <u>33.55627959</u>	N Longitude: <u>86.79807666</u>	W	
	Media description: <u>DK brn silty clay w/ gravel</u>			
Aliquot #2:	Latitude: <u>33.55641826</u>	N Longitude: <u>86.79808165</u>	W	
	Media description: <u>Same as #1</u>			
Aliquot #3:	Latitude: <u>33.55632973</u>	N Longitude: <u>86.79802558</u>	W	
	Media description: <u>Same as #1</u>			
Aliquot #4:	Latitude: <u>33.55643271</u>	N Longitude: <u>86.79794514</u>	W	
	Media description: <u>Same as #1</u>			
Aliquot #5:	Latitude: <u>33.55624529</u>	N Longitude: <u>86.79795935</u>	W	
	Media description: <u>Same as #1</u>			

(b) (6)

ADDRESS: _____

PROPERTY ID: _____

CV1193

DATE: _____

4/3/13

ARRIVAL TIME: _____

1510

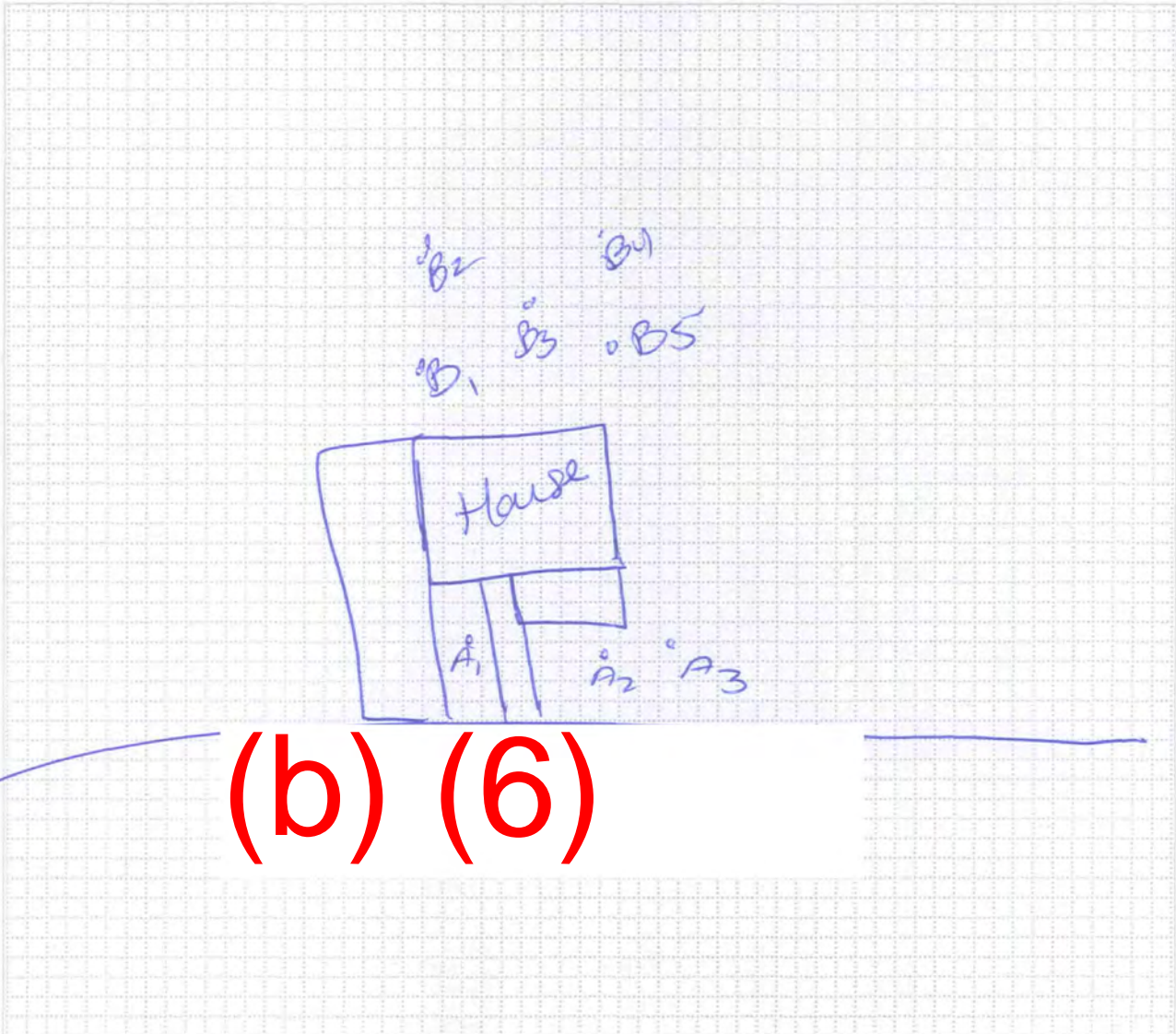
Other pertinent information (weather conditions, etc.):

58°F, light Rain

PROPERTY COMMENTS:

Resident Home

Grid for property sketch



(b) (6)

STATION ID: CV1193A SAMPLE ID: CV1193A-CS

SAMPLE COLLECTION TIME: 1522

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?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.55113221</u>	N Longitude	<u>86.79652111</u>	W
	Media description:	<u>Brown silt damp</u>			
Aliquot #2:	Latitude:	<u>33.55113286</u>	N Longitude	<u>86.79646580</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55113826</u>	N Longitude	<u>86.79642784</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:	_____			

JP 4/3/13

STATION ID: CV1193B SAMPLE ID: CV1193B-CS

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: No If yes, indicate Duplicate/split sample station ID: CV1193B@

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>018594</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.55132268</u>	N Longitude	<u>86.79656767</u>	W
	Media description:	<u>DK brown silt damp</u>			
Aliquot #2:	Latitude:	<u>33.55141770</u>	N Longitude	<u>86.79653150</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55137210</u>	N Longitude	<u>86.79650218</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #4:	Latitude:	<u>33.55142192</u>	N Longitude	<u>86.79645088</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #5:	Latitude:	<u>33.55133568</u>	N Longitude	<u>86.79643531</u>	W
	Media description:	<u>same as #1</u>			

1534

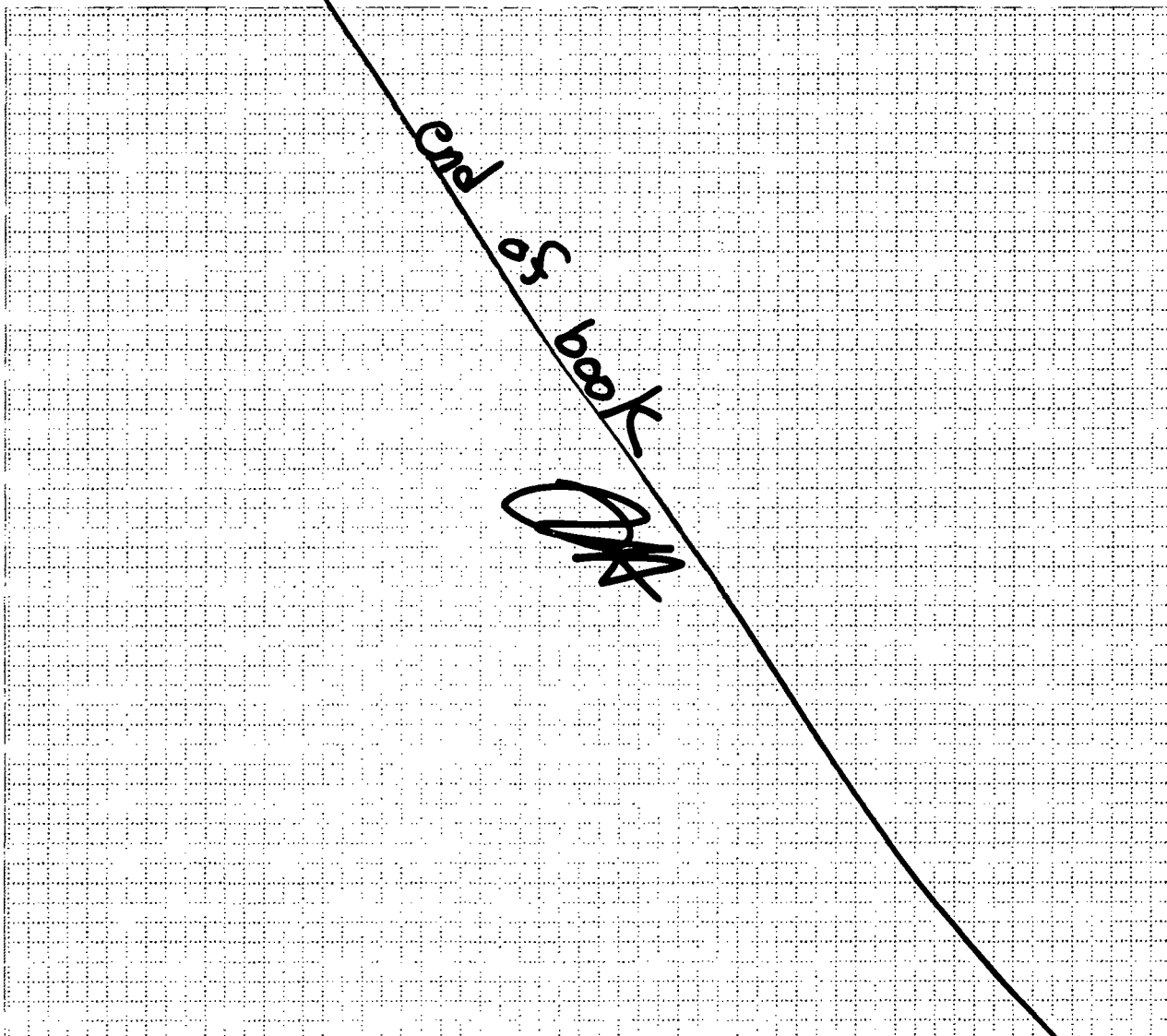
ADDRESS: _____ PROPERTY ID: _____

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.