

**REDACTED**

United States Environmental Protection Agency  
Region 4



35<sup>TH</sup> AVENUE REMOVAL INVESTIGATION  
BIRMINGHAM, ALABAMA  
JEFF CROWLEY, ON-SCENE COORDINATOR

**FIELD SAMPLING LOGBOOK**

Book 1 of 2

Inclusive Dates: 1/21/13 - 1/24/13

List of Sampling Team in logbook:

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



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## 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 34<sup>th</sup> 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.



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: FM0195

DATE: 1/21/13 ARRIVAL TIME: 1319

Other pertinent information (weather conditions, etc.):

Sunny, 51°F

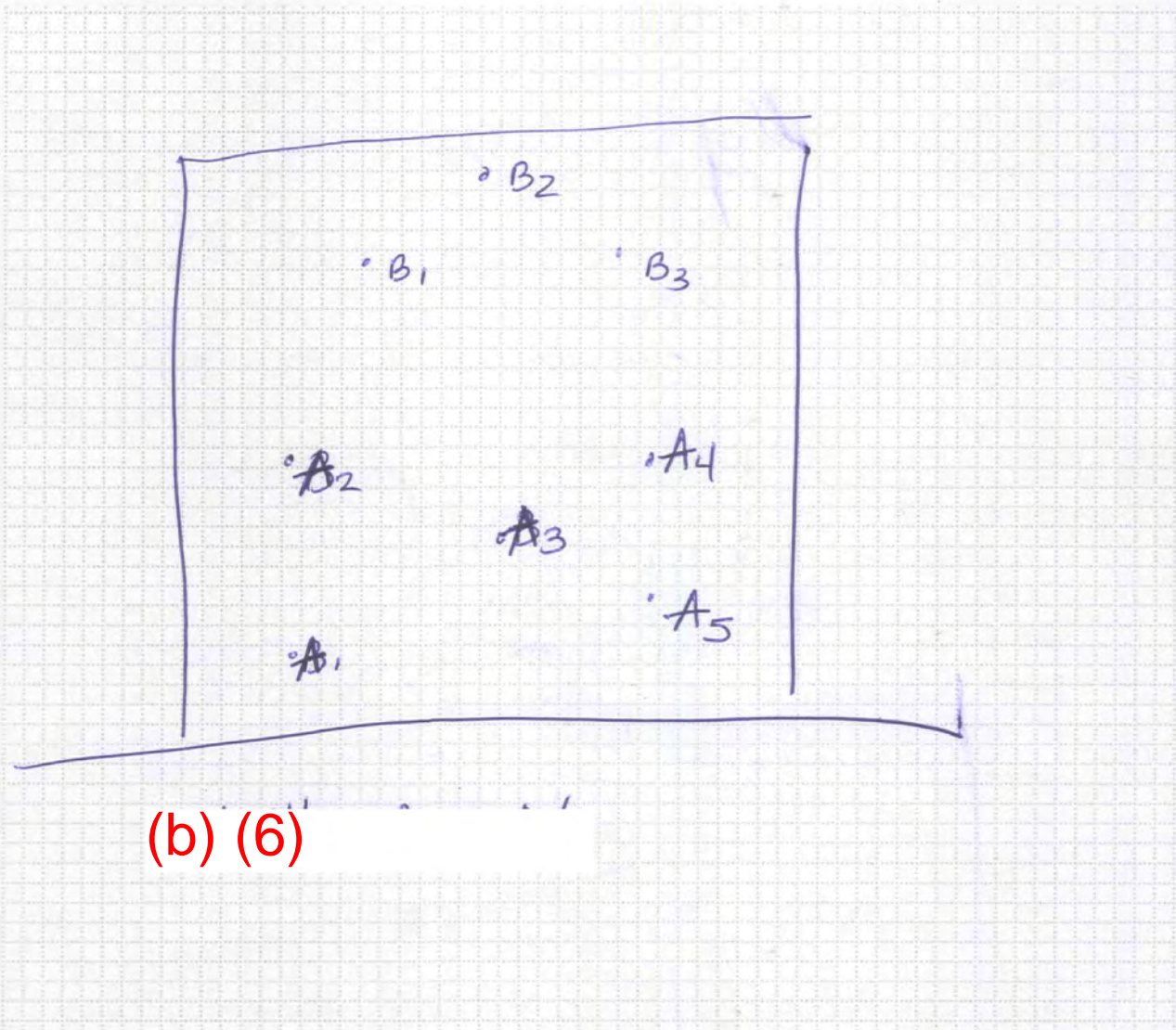
PROPERTY COMMENTS:

Vacant lot overgrown

call (b) (6) legal team

\* More samples taken see page 46 + 47 Buitner  
1/23/13

Grid for property sketch



(b) (6)



STATION ID: FM0195A

SAMPLE ID: FM0195A-CS-SP

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: FM0195A

GPS Coordinates: Trimble [] Instrument #: 018165 Logged? [] or N

Aliquot #1: Latitude: 33 N Longitude 86 W

Media description: DK brown/bk silt w/ gravel damp

Aliquot #2 Latitude: 33.57058213 N Longitude 86.80588335 W

Media description: DK brown sandy silt damp

Aliquot #3: Latitude: 33.57052007 N Longitude 86.80583245 W

Media description: DK brown sandy silt damp

Aliquot #4: Latitude: 33.57057480 N Longitude 86.80579481 W

Media description: DK brown sandy silt damp

Aliquot #5: Latitude: 33.57044472 N Longitude 86.80579258 W

Media description: DK brown sandy silt damp

STATION ID: FM0195B

SAMPLE ID: FM0195B-CS-SP

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: FM0195B

GPS Coordinates: Trimble [] Instrument #: 018165 Logged? [] or N

Aliquot #1: Latitude: 33.57064228 N Longitude 86.80588178 W

Media description: DK brown/gray clay silt moist w/ coal fragments

Aliquot #2 Latitude: 33.57066691 N Longitude 86.80585567 W

Media description: DK brown loose silt w/ gravel

Aliquot #3: Latitude: 33.57063817 N Longitude 86.80578703 W

Media description: DK brown loose silt w/ gravel

Aliquot #4: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

Aliquot #5: Latitude: \_\_\_\_\_ N Longitude \_\_\_\_\_ W

Media description: \_\_\_\_\_

\* More samples taken see page 46 + 47

*Brittney Brown*

(b) (6)

ADDRESS: \_\_\_\_\_

PROPERTY ID: \_\_\_\_\_

FM0229

DATE: \_\_\_\_\_

1/21/13

ARRIVAL TIME: \_\_\_\_\_

1405

Other pertinent information (weather conditions, etc.):

Sunny, 51°F

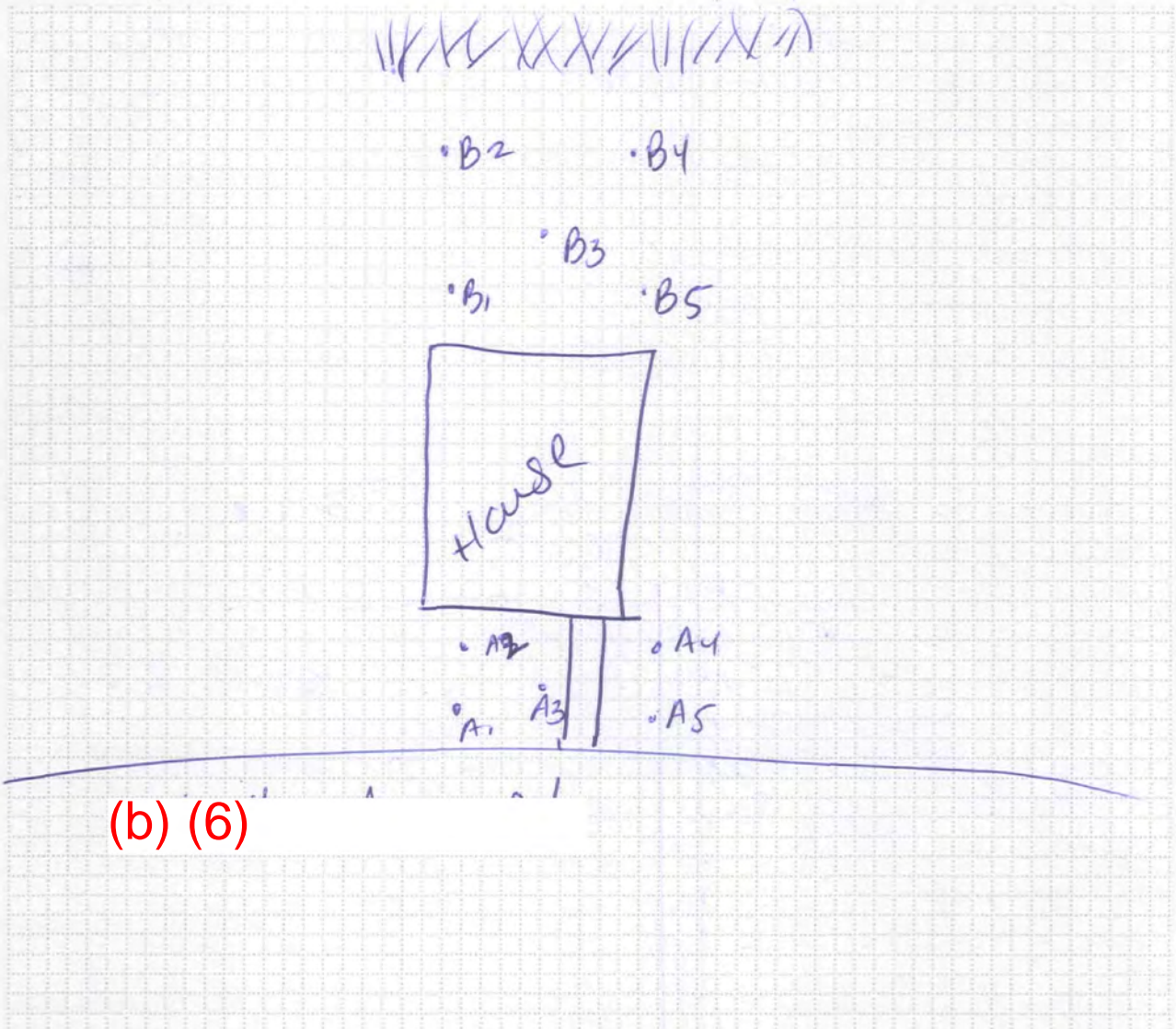
PROPERTY COMMENTS:

House; vacant property

w/ (b) (6)

legal team

Grid for property sketch



(b) (6)



STATION ID: FM0229A SAMPLE ID: FM0229A-CS-SP

SAMPLE COLLECTION TIME: 1414

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: FM0229A

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>018165</u>	Logged?	<input checked="" type="checkbox"/>	Y or N
Aliquot #1:	Latitude:	<u>33.57111941</u>	N Longitude	<u>86.80433293</u>	W	
	Media description:	<u>reddish brown silt w/ gravel moist</u>				
Aliquot #2:	Latitude:	<u>33.57108349</u>	N Longitude	<u>86.80433966</u>	W	
	Media description:	<u>reddish brown silt w/ gravel moist</u>				
Aliquot #3:	Latitude:	<u>33.57110131</u>	N Longitude	<u>86.80439761</u>	W	
	Media description:	<u>reddish brown silt w/ gravel moist</u>				
Aliquot #4:	Latitude:	<u>33.57109133</u>	N Longitude	<u>86.80444027</u>	W	
	Media description:	<u>reddish brown silt w/ gravel moist</u>				
Aliquot #5:	Latitude:	<u>33.57112961</u>	N Longitude	<u>86.80442905</u>	W	
	Media description:	<u>reddish brown silt w/ gravel moist</u>				

STATION ID: FM0229B SAMPLE ID: FM0229B-CS-SP

SAMPLE COLLECTION TIME: 1421

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: FM0229B

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>018165</u>	Logged?	<input checked="" type="checkbox"/>	Y or N
Aliquot #1:	Latitude:	<u>33.57087673</u>	N Longitude	<u>86.80434807</u>	W	
	Media description:	<u>reddish brown silt w/ gravel</u>				
Aliquot #2:	Latitude:	<u>33.57075650</u>	N Longitude	<u>86.80433613</u>	W	
	Media description:	<u>DK brown silt</u>				
Aliquot #3:	Latitude:	<u>33.57082494</u>	N Longitude	<u>86.80437351</u>	W	
	Media description:	<u>DK brown silt</u>				
Aliquot #4:	Latitude:	<u>33.57076302</u>	N Longitude	<u>86.80443331</u>	W	
	Media description:	<u>DK brown silt</u>				
Aliquot #5:	Latitude:	<u>33.57087173</u>	N Longitude	<u>86.80443464</u>	W	
	Media description:	<u>reddish brown silt w/ gravel</u>				



(b) (6)

FM0068

ADDRESS:

PROPERTY ID:

FM0009

DATE:

1/21/13

ARRIVAL TIME:

1441

Other pertinent information (weather conditions, etc.):

54°F, sunny

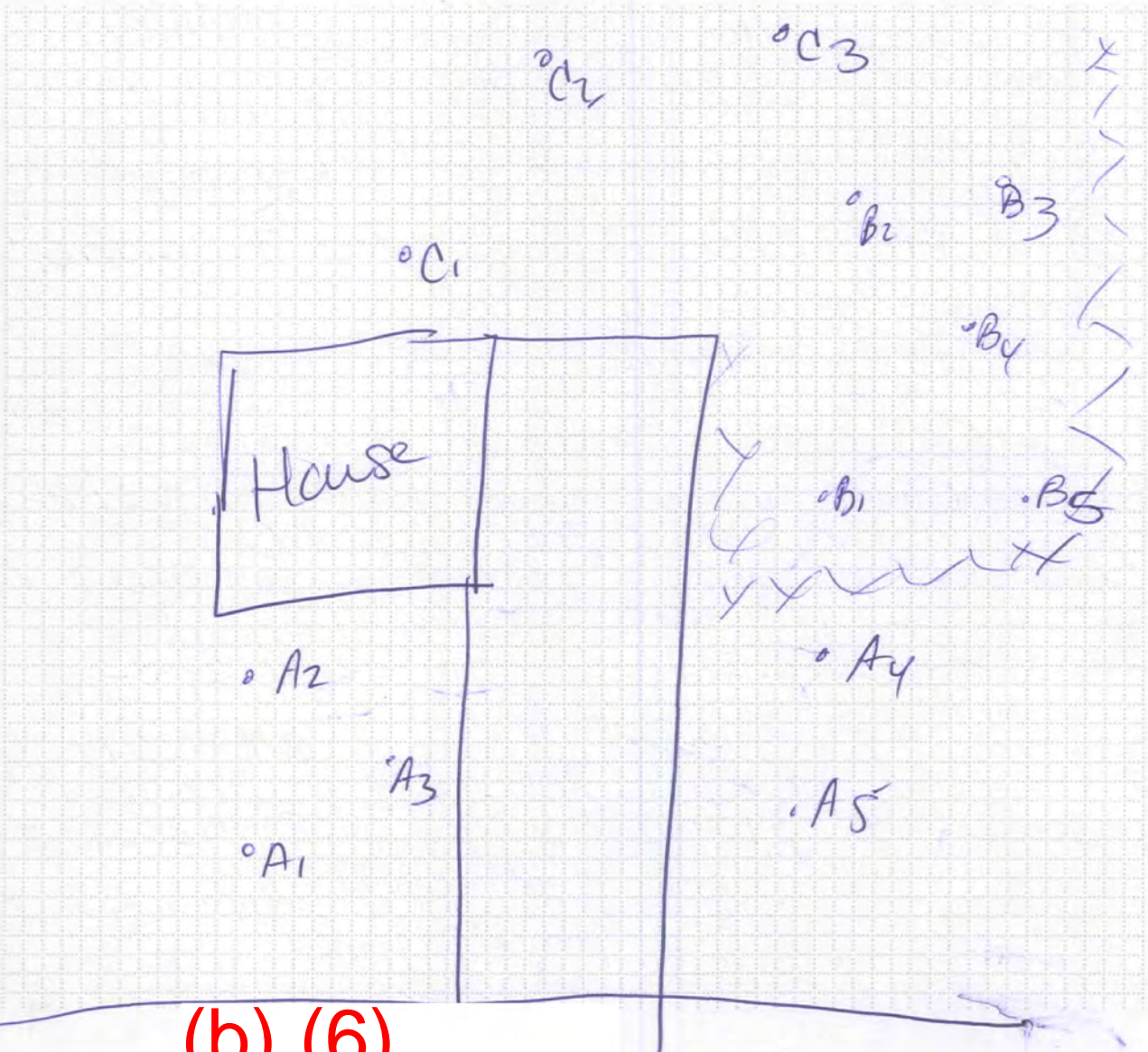
PROPERTY COMMENTS:

Resident Home

w/ (b) (6)

legal team

Grid for property sketch



(b) (6)



STATION ID: FM0068A SAMPLE ID: FM0068A-CS-SP

SAMPLE COLLECTION TIME: 1455 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: FM0068A

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> Instrument #:	<u>018165</u>	Logged? ( <input checked="" type="checkbox"/> Y) or N
Aliquot #1: Latitude:	<u>33.57111941</u>	N Longitude <u>86.80433293</u> W <u>86.81155394</u>
Media description:	<u>DK brun silt w/ gravel</u>	
Aliquot #2: Latitude:	<u>33.57108349</u>	N Longitude <u>86.80433966</u> W <u>86.81161826</u>
Media description:	<u>DK brun silt w/ gravel</u>	
Aliquot #3: Latitude:	<u>33.57110131</u>	N Longitude <u>86.80439761</u> W <u>86.81160666</u>
Media description:	<u>Brun silt w/ mostly gravel + brick</u>	
Aliquot #4: Latitude:	<u>33.57109133</u>	N Longitude <u>86.80444027</u> W <u>86.81163122</u>
Media description:	<u>DK brun silt w/ gravel</u>	
Aliquot #5: Latitude:	<u>33.57112961</u>	N Longitude <u>86.80442905</u> W <u>86.81157912</u>
Media description:	<u>DK brun silt w/ gravel</u>	

STATION ID: FM0068B SAMPLE ID: FM0068B-CS-SP

SAMPLE COLLECTION TIME: 1455 1502

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: FM0068B

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> Instrument #:	<u>018165</u>	Logged? ( <input checked="" type="checkbox"/> Y) or N
Aliquot #1: Latitude:	<u>33.57087673</u>	N Longitude <u>86.80434807</u> W
Media description:	<u>DK brun silt w/ gravel</u>	
Aliquot #2: Latitude:	<u>33.57085650</u>	N Longitude <u>86.80433613</u> W
Media description:	<u>DK brun silt w/ gravel</u>	
Aliquot #3: Latitude:	<u>33.57082994</u>	N Longitude <u>86.80437351</u> W
Media description:	<u>Brun silt w/ mostly gravel + brick</u>	
Aliquot #4: Latitude:	<u>33.57076302</u>	N Longitude <u>86.80443331</u> W
Media description:	<u>DK brun silt w/ gravel</u>	
Aliquot #5: Latitude:	<u>33.57081113</u>	N Longitude <u>86.80443464</u> W
Media description:	<u>DK brun silt w/ gravel</u>	

- #1 33.56569162 / 86.81170345
- #2 33.56570035 / 86.81188840
- #3 33.56573223 / 86.81178996
- #4 33.56577481 / 86.81187335
- #5 33.56576558 / 86.81168715



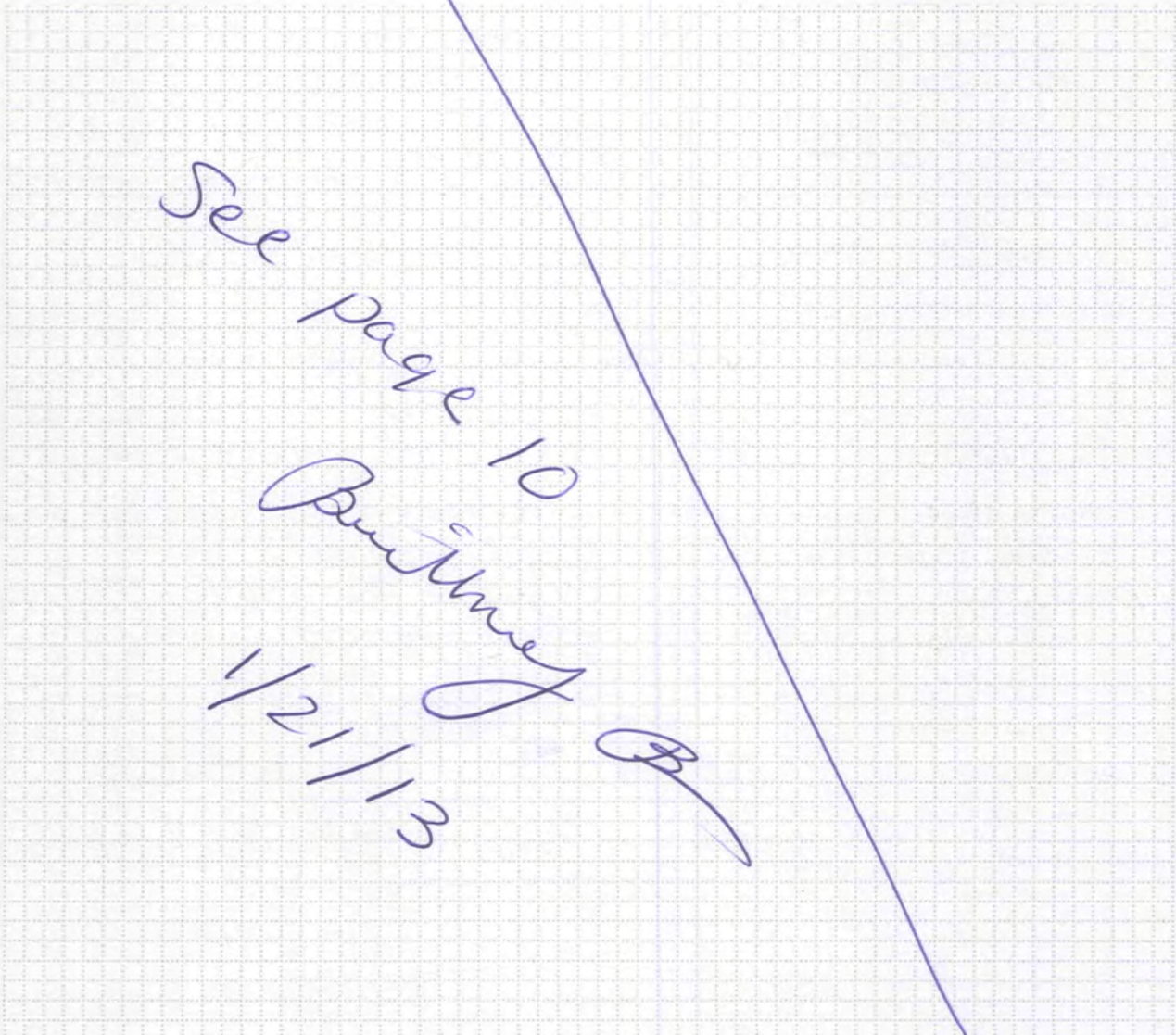
ADDRESS: \_\_\_\_\_ PROPERTY ID: \_\_\_\_\_

DATE: \_\_\_\_\_ ARRIVAL TIME: \_\_\_\_\_

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM0068C SAMPLE ID: FM0068A-CS-SP

SAMPLE COLLECTION TIME: 1507

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: FM0068C

GPS Coordinates:	Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>018165</u>	Logged? <u>Y</u> or N
Aliquot #1:	Latitude: <u>33.56562296</u> N Longitude: <u>86.81189365</u> W	
	Media description: <u>DK brun silt w/ some gravel</u>	
Aliquot #2:	Latitude: <u>33.56563025</u> N Longitude: <u>86.81197541</u> W	
	Media description: <u>DK brun silt w/ some gravel</u>	
Aliquot #3:	Latitude: <u>33.56571635</u> N Longitude: <u>86.81197577</u> W	
	Media description: <u>DK brun silt w/ some gravel</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: _____	



ADDRESS: **(b) (6)** PROPERTY ID: FAA0009

DATE: 1/21/13 ARRIVAL TIME: 1532

Other pertinent information (weather conditions, etc.):

54°F, Sunny

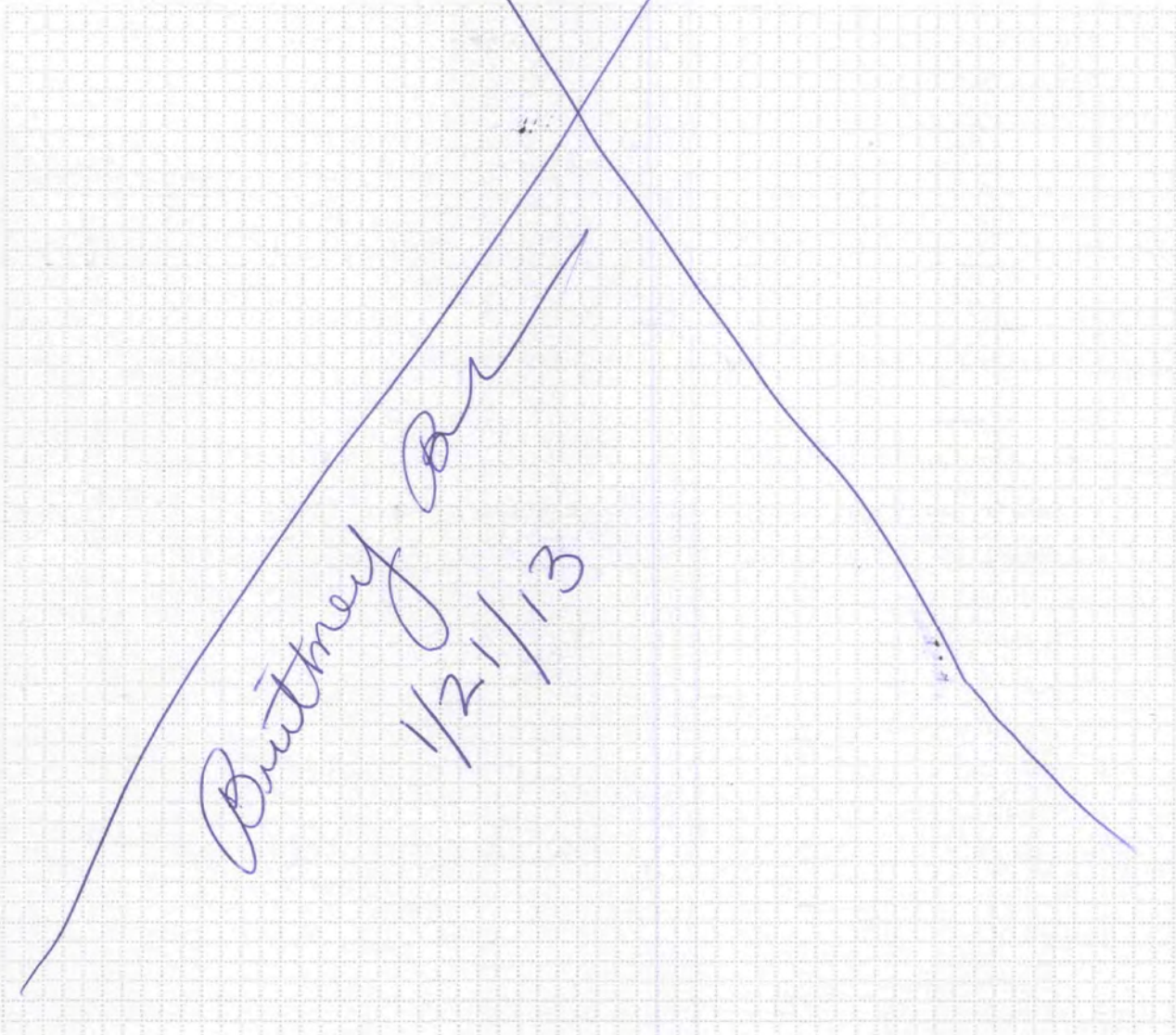
PROPERTY COMMENTS:

Resident Home

w/ **(b) (6)**

legal team

Grid for property sketch





STATION ID: FM0009A

SAMPLE ID: FM0009A-CS-SP

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: FM0009A

GPS Coordinates: Trimble [] Instrument #: 018165 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: \_\_\_\_\_

*Anthony*  
*1/2/13*

STATION ID: FM0009B

SAMPLE ID: FM0009B-CS-SP

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: FM0009B

GPS Coordinates: Trimble [] Instrument #: 018165 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: (b) (6)

PROPERTY ID: HPO218

DATE: 1/21/12

ARRIVAL TIME: 1551

Other pertinent information (weather conditions, etc.):

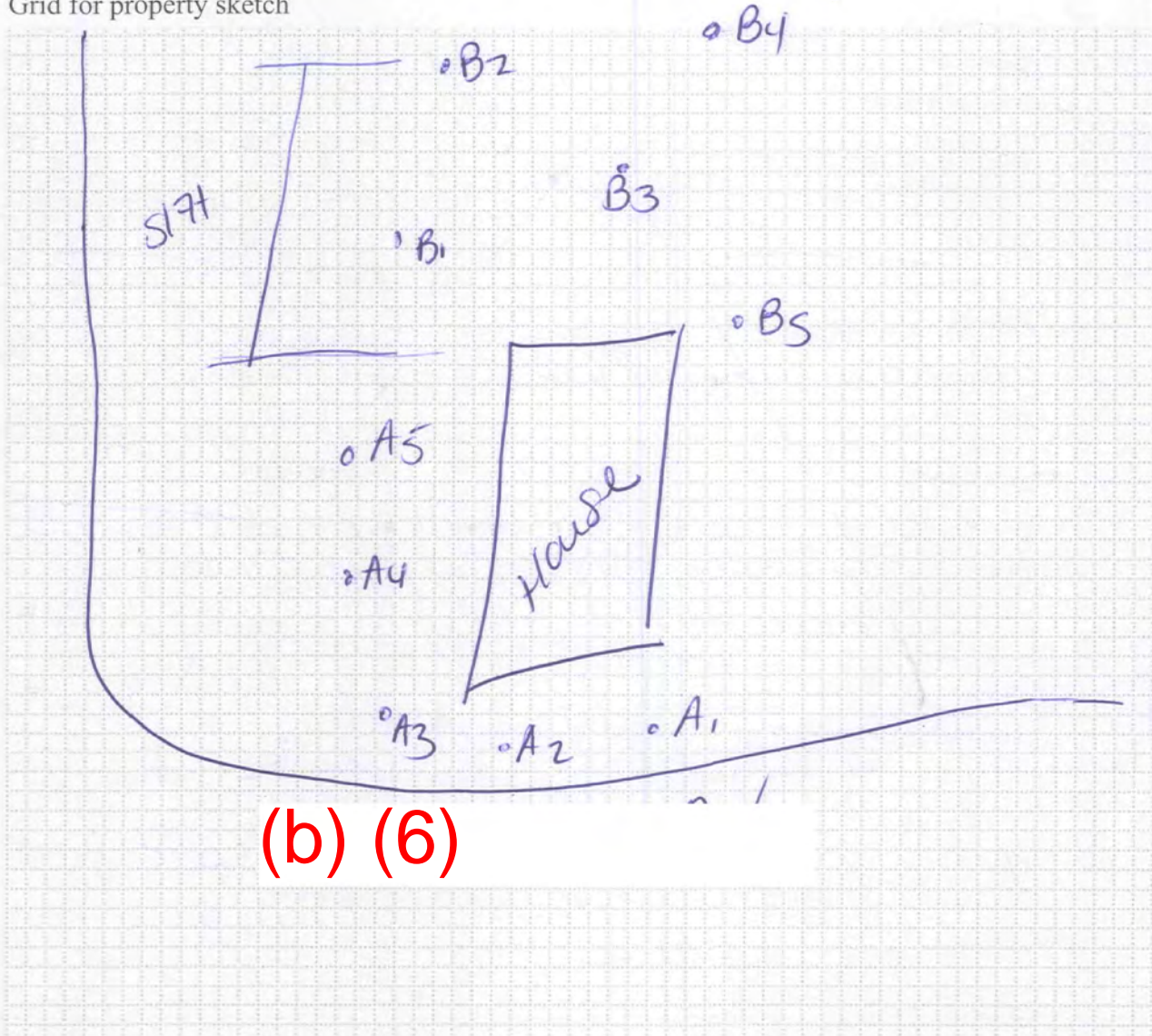
54°F, Sunny

PROPERTY COMMENTS:

Resident Home

w/ (b) (6)

Grid for property sketch



(b) (6)



STATION ID: HPO218A SAMPLE ID: HPO218A-CS-SP

SAMPLE COLLECTION TIME: 1601

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: HPO218A

GPS Coordinates: Trimble [ Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.56629469 N Longitude 86.79339572 W

Media description: brn orange clay

Aliquot #2 Latitude: 33.56628854 N Longitude 86.79345570 W

Media description: Blk clay silt

Aliquot #3: Latitude: 33.56681468 N Longitude 86.79351843 W

Media description: Blk clay silt w/ small coal fragments

Aliquot #4: Latitude: 33.56687325 N Longitude 86.79356010 W

Media description: Blk clay silt

Aliquot #5: Latitude: 33.56692589 N Longitude 86.79357944 W

Media description: Blk clay silt

STATION ID: HPO218B SAMPLE ID: HPO218B-CS-SP

SAMPLE COLLECTION TIME: 1607

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: HPO218B

GPS Coordinates: Trimble [ Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.56699277 N Longitude 86.79360180 W

Media description: DK brwn silt w/ gravel

Aliquot #2 Latitude: 33.56705525 N Longitude 86.79364585 W

Media description: DK brwn silt w/ gravel

Aliquot #3: Latitude: 33.56704264 N Longitude 86.79358261 W

Media description: DK brwn silt w/ gravel

Aliquot #4: Latitude: 33.56710283 N Longitude 86.79361585 W

Media description: DK brwn silt w/ gravel

Aliquot #5: Latitude: 33.56697054 N Longitude 86.79351523 W

Media description: Blk brwn silt w/ gravel and metallic debris + brick



(b) (6)

ADDRESS:

PROPERTY ID:

HP0127

DATE:

1/22/13

ARRIVAL TIME:

0840

Other pertinent information (weather conditions, etc.):

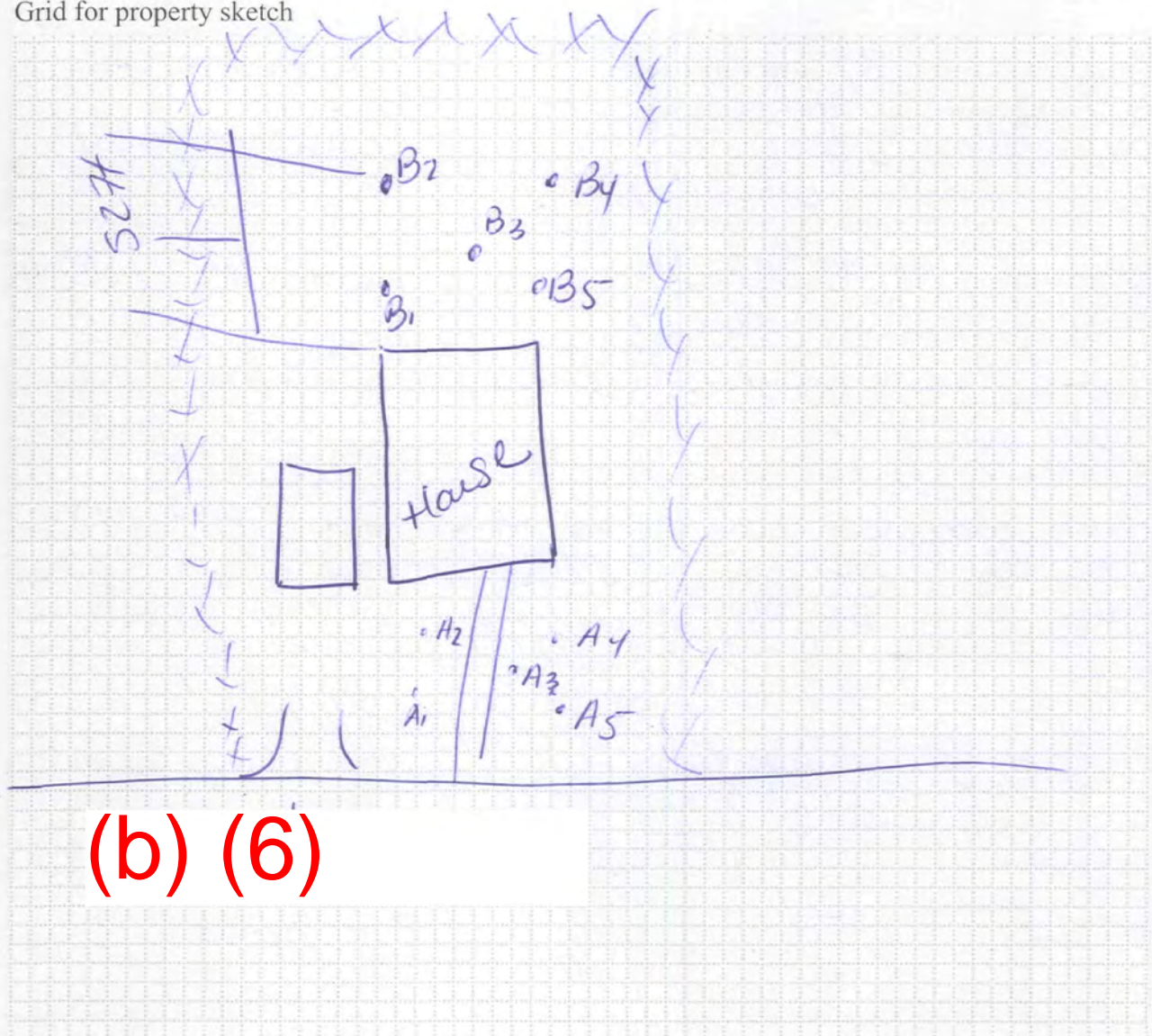
32°F, Sunny

PROPERTY COMMENTS:

Resident Home

w/ (b) (6) legal team

Grid for property sketch



(b) (6)



STATION ID: HPO127A SAMPLE ID: HPO127A-CS-SP

SAMPLE COLLECTION TIME: 0858

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: HPO127A

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>018165</u> Logged? ( <u>Y</u> ) or N
Aliquot #1: Latitude: <u>33.56480365</u> N Longitude <u>86.79192225</u> W Media description: <u>DK brown silt</u>
Aliquot #2 Latitude: <u>33.56475833</u> N Longitude <u>86.79192556</u> W Media description: <u>DK brown silt</u>
Aliquot #3: Latitude: <u>33.56478047</u> N Longitude <u>86.79196421</u> W Media description: <u>DK brown silt / minor coal fragments</u>
Aliquot #4: Latitude: <u>33.56476702</u> N Longitude <u>86.79199565</u> W Media description: <u>DK brown silt</u>
Aliquot #5: Latitude: <u>33.56480642</u> N Longitude <u>86.79198778</u> W Media description: <u>DK brown silt</u>

STATION ID: HPO127B SAMPLE ID: HPO127B-CS-SP

SAMPLE COLLECTION TIME: 0904

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: HPO127B

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>018165</u> Logged? ( <u>Y</u> ) or N
Aliquot #1: Latitude: <u>33.56461736</u> N Longitude <u>86.79191335</u> W Media description: <u>DK brown sandy silt w/ gravel &amp; coal fragments</u>
Aliquot #2 Latitude: <u>33.56447953</u> N Longitude <u>86.79191723</u> W Media description: <u>DK brown clay silt</u>
Aliquot #3: Latitude: <u>33.56454094</u> N Longitude <u>86.79196007</u> W Media description: <u>Brown silt</u>
Aliquot #4: Latitude: <u>33.56447356</u> N Longitude <u>86.79198653</u> W Media description: <u>Brown silt</u>
Aliquot #5: Latitude: <u>33.56460189</u> N Longitude <u>86.79199248</u> W Media description: <u>Brown silt</u>



(b) (6)

ADDRESS: ..

PROPERTY ID: HP0326

DATE: 1/22/13

ARRIVAL TIME: 0925

Other pertinent information (weather conditions, etc.):

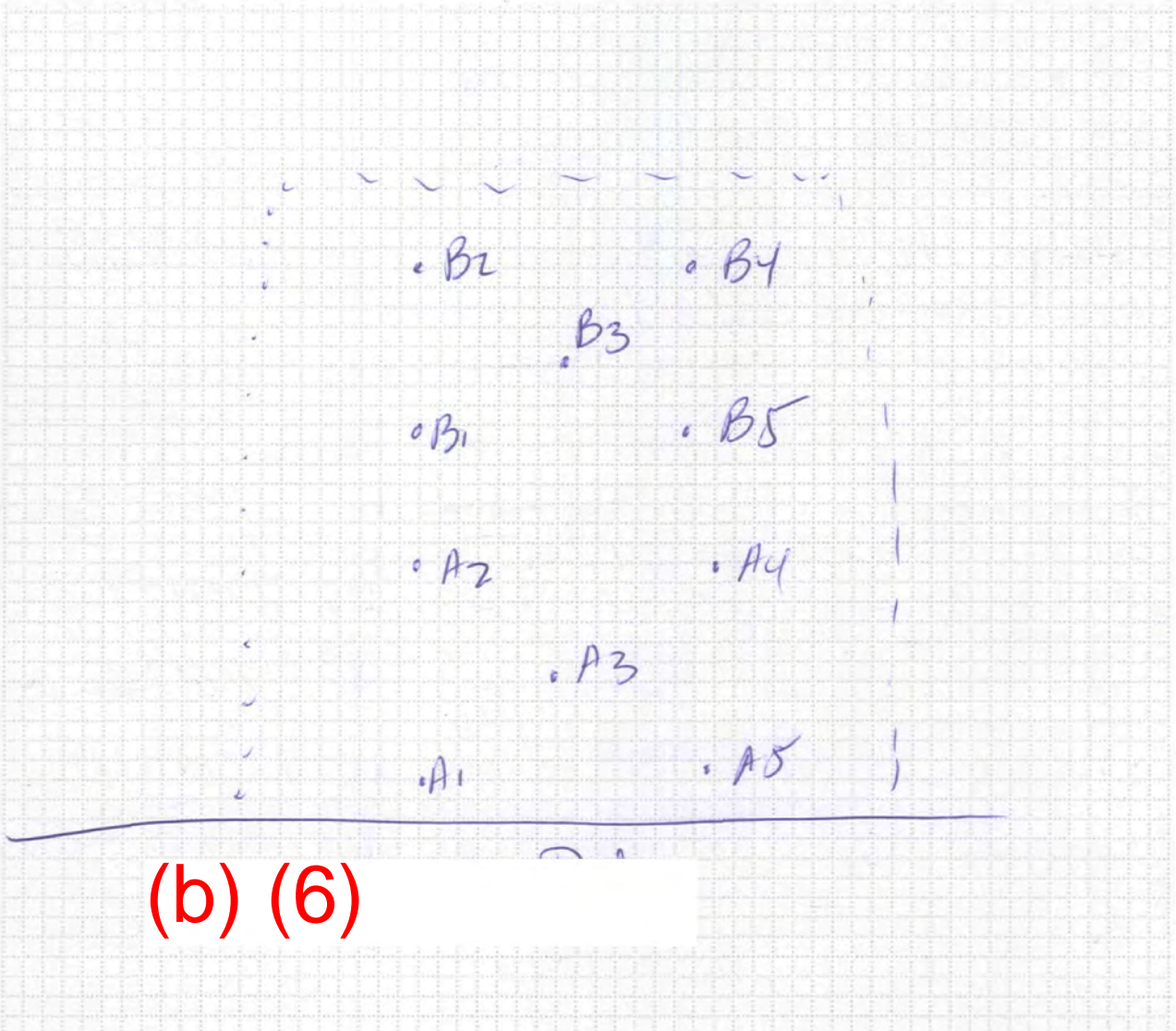
34°F, Sunny

PROPERTY COMMENTS:

Vacant lot

w/ (b) (6) legal team

Grid for property sketch



(b) (6)



STATION ID: HP0326A SAMPLE ID: HP0326A-CSSP

SAMPLE COLLECTION TIME: 0938

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: HP0326A

GPS Coordinates: Trimble [] Instrument #: 018165 Logged? Y or N

- Aliquot #1: Latitude: 33.56482653 N Longitude: 86.79672567 W  
Media description: DK brown sandy silt w/ coal + gravel
- Aliquot #2: Latitude: 33.56475743 N Longitude: 86.79659220 W  
Media description: DK brown silt w/ minor gravel
- Aliquot #3: Latitude: 33.56476061 N Longitude: 86.79667328 W  
Media description: DK brown silt w/ minor gravel
- Aliquot #4: Latitude: 33.56470597 N Longitude: 86.79666609 W  
Media description: Brown/orange clay
- Aliquot #5: Latitude: 33.56477992 N Longitude: 86.79676643 W  
Media description: DK brown sandy silt w/ coal + gravel

STATION ID: HP0326B SAMPLE ID: HP0326B-CSSP

SAMPLE COLLECTION TIME: 0945

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: HP0326B

GPS Coordinates: Trimble [] Instrument #: 018165 Logged? Y or N

- Aliquot #1: Latitude: 33.56472401 N Longitude: 86.79652298 W  
Media description: dk brwn silt w/ some gravel
- Aliquot #2: Latitude: 33.56467534 N Longitude: 86.79640877 W  
Media description: same as above
- Aliquot #3: Latitude: 33.56469800 N Longitude: 86.79649351 W  
Media description: dk brwn/blk silt w/ coal fragments
- Aliquot #4: Latitude: 33.56463227 N Longitude: 86.79644033 W  
Media description: tan/orange clay
- Aliquot #5: Latitude: 33.56468078 N Longitude: 86.79655967 W  
Media description: dk brwn silt



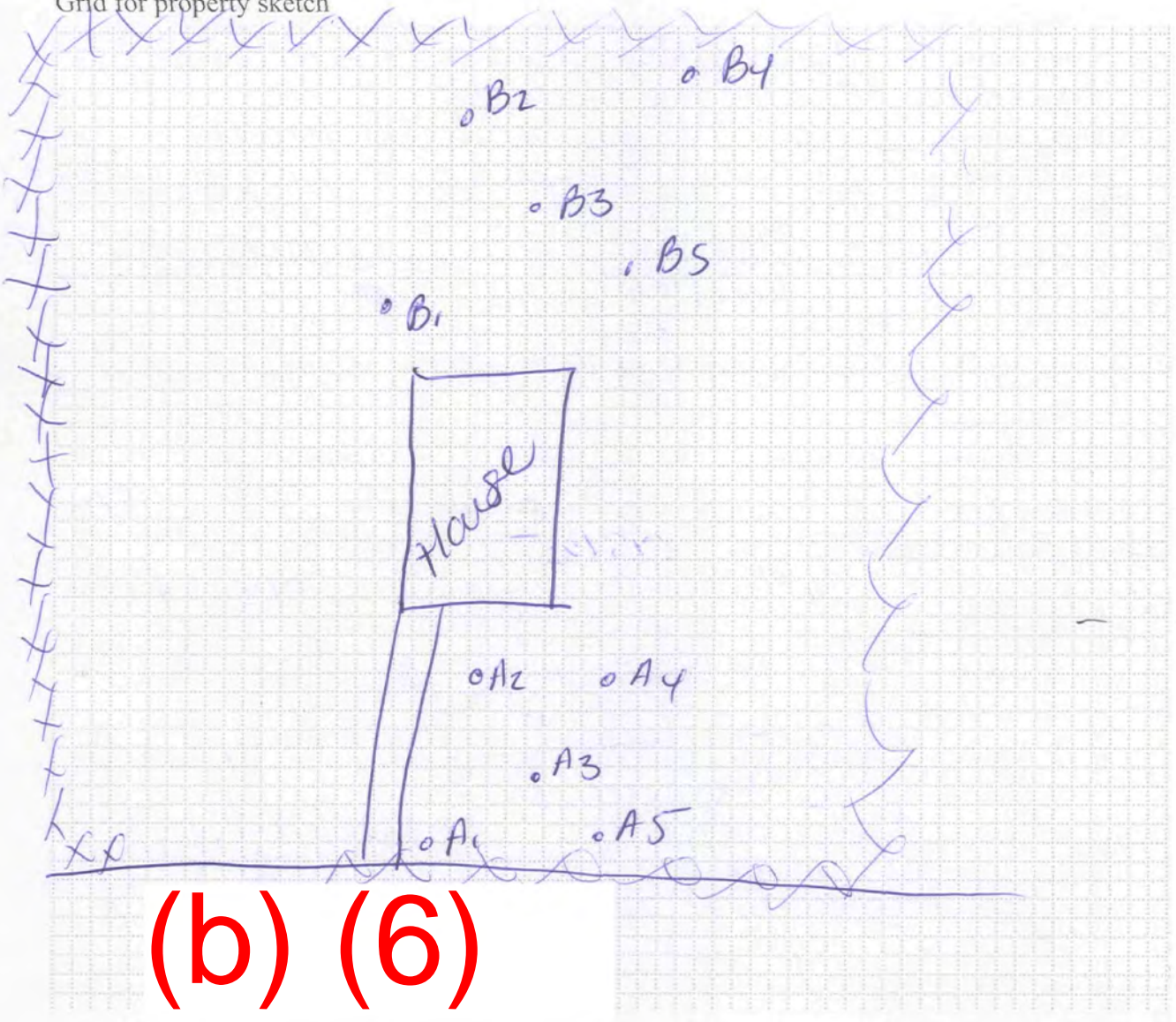
ADDRESS: **(b) (6)** PROPERTY ID: FM0009

DATE: 1/22/13 ARRIVAL TIME: 1018

Other pertinent information (weather conditions, etc.):  
42°F, sunny

PROPERTY COMMENTS:  
Resident Home  
w/ **(b) (6)** legal team

Grid for property sketch





STATION ID: FM0009A SAMPLE ID: FM0009A-CS-SP

SAMPLE COLLECTION TIME: 1034

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: FM0009A

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>018165</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56337166</u> N Longitude: <u>86.81044351</u> W Media description: <u>DK brwn silt w/ orange clay</u>
Aliquot #2: Latitude: <u>33.56336714</u> N Longitude: <u>86.81047284</u> W Media description: <u>DK brwn silt</u>
Aliquot #3: Latitude: <u>33.56339176</u> N Longitude: <u>86.81046710</u> W Media description: <u>DK brwn silt</u>
Aliquot #4: Latitude: <u>33.56343039</u> N Longitude: <u>86.81049935</u> W Media description: <u>DK brwn silt</u>
Aliquot #5: Latitude: <u>33.56342470</u> N Longitude: <u>86.81043708</u> W Media description: <u>DK brwn silt w/ minor coal fragments</u>

STATION ID: FM0009B SAMPLE ID: FM0009B-CS-SP

SAMPLE COLLECTION TIME: 1048

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: FM0009B

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>018165</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56336841</u> N Longitude: <u>86.81069674</u> W Media description: <u>DK brwn silt</u>
Aliquot #2: Latitude: <u>33.56337218</u> N Longitude: <u>86.81085423</u> W Media description: <u>DK brwn silt</u>
Aliquot #3: Latitude: <u>33.56339946</u> N Longitude: <u>86.81077749</u> W Media description: <u>DK brwn silt</u>
Aliquot #4: Latitude: <u>33.56342904</u> N Longitude: <u>86.81082149</u> W Media description: <u>DK brwn silt w/ minor coal fragments</u>
Aliquot #5: Latitude: <u>33.56343084</u> N Longitude: <u>86.81069600</u> W Media description: <u>DK brwn silt w/ minor coal fragments</u>



(b) (6)

ADDRESS

PROPERTY ID: HPO295

DATE: 1/22/13

ARRIVAL TIME: 1110

Other pertinent information (weather conditions, etc.):

39°F, Sunny

PROPERTY COMMENTS:

Resident Home

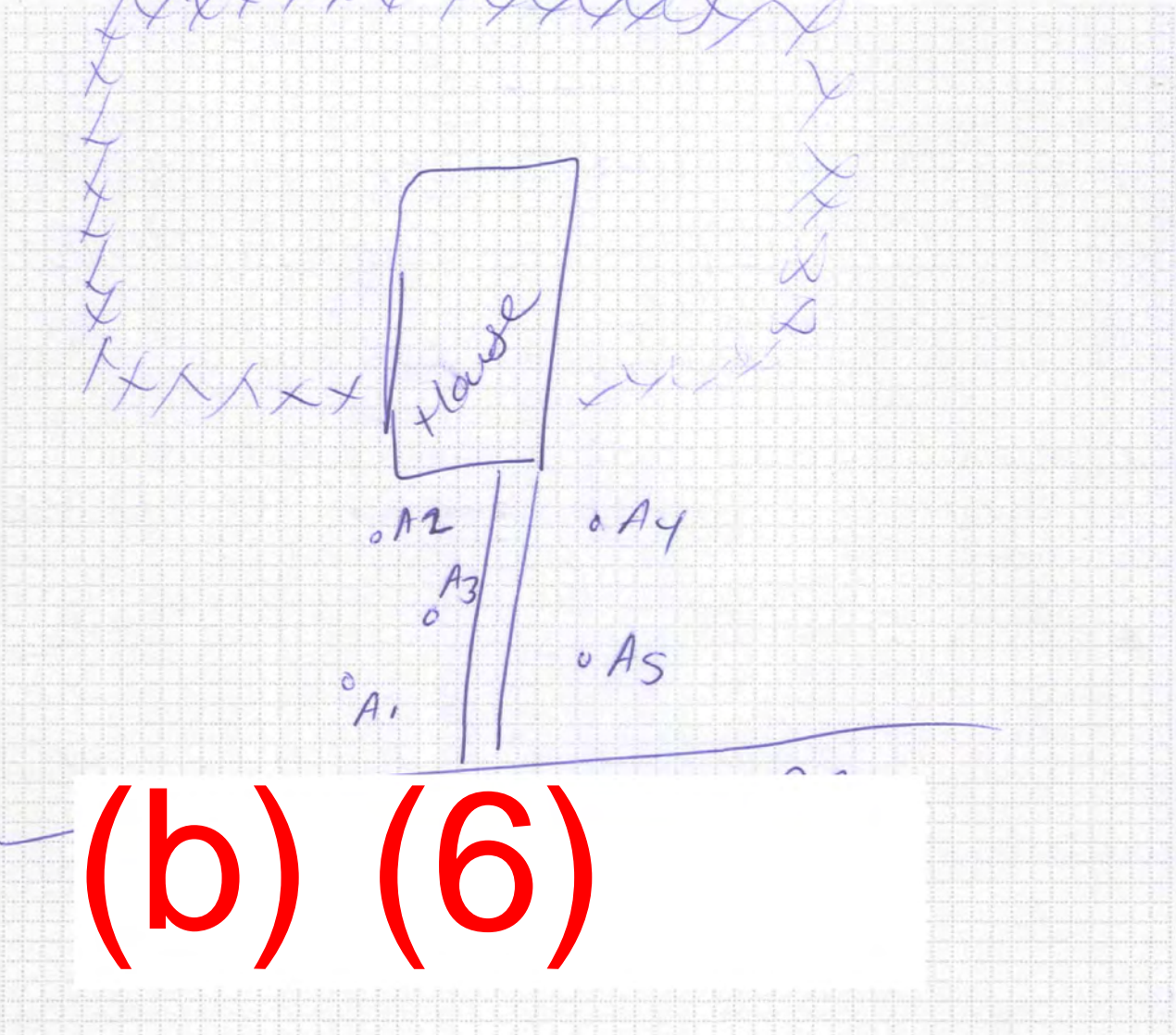
(b) (6)

Legal team

List stated anytime on Tuesday

but Resident was not home + gate was locked

Grid for property sketch



(b) (6)



STATION ID: HPO295A SAMPLE ID: HPO295A-CS-SP

SAMPLE COLLECTION TIME: 1116

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: HPO295A

GPS Coordinates: Trimble [] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.56596358 N Longitude: 86.79590968 W

Media description: BIK sandy silt w/ minor gravel moist

Aliquot #2 Latitude: 33.56594691 N Longitude: 86.79588316 W

Media description: BIK sandy silt moist

Aliquot #3: Latitude: 33.56593684 N Longitude: 86.79590731 W

Media description: BIK sandy silt moist

Aliquot #4: Latitude: 33.56590513 N Longitude: 86.79590680 W

Media description: BIK sandy silt moist

Aliquot #5: Latitude: 33.56591890 N Longitude: 86.79593469 W

Media description: BIK sandy silt moist

STATION ID: HPO295B SAMPLE ID: HPO295B-CS-SP

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: HPO295B

GPS Coordinates: Trimble [] Instrument #: 018165 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: \_\_\_\_\_

*See page 37 for sample HPO295B  
HPO295B*



(b) (6)

ADDRESS: \_\_\_\_\_ PROPERTY ID: CV0371

DATE: 1/22/13 ARRIVAL TIME: 1309

Other pertinent information (weather conditions, etc.):

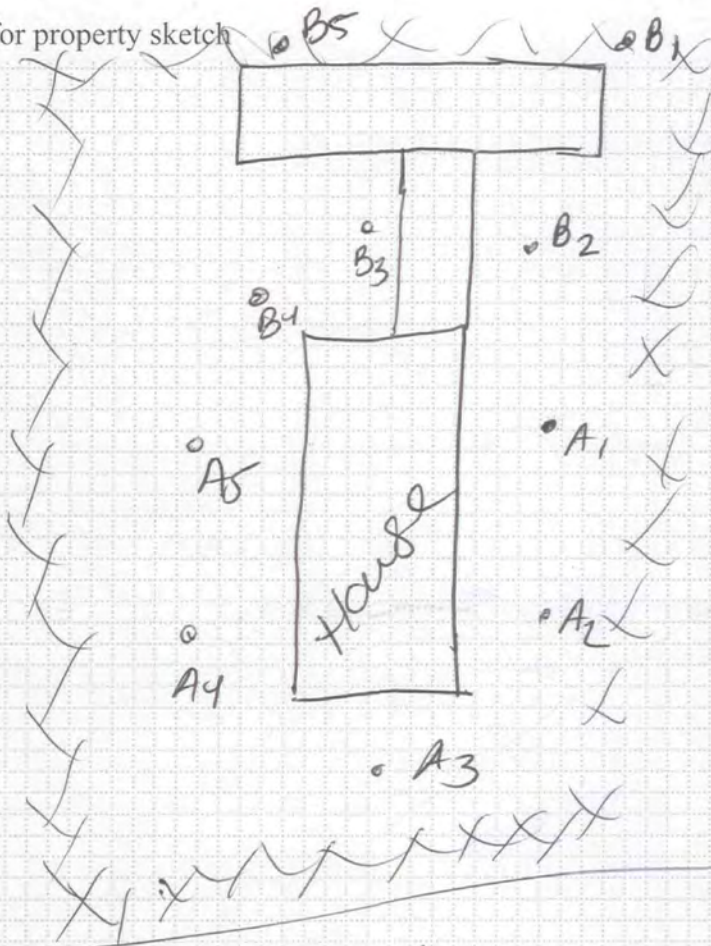
43°F, Sunny

PROPERTY COMMENTS:

Resident Home

w/ Ralph legal team

Grid for property sketch



(b) (6)

STATION ID: CV0371A SAMPLE ID: CV0371A-CS-SP

SAMPLE COLLECTION TIME: 1325

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

Front + side

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate split sample station ID: CV0371A

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>018765</u> Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.55550807</u> N Longitude: <u>86.79925221</u> W Media description: <u>DK brun silt w/ minor gravel</u>
Aliquot #2: Latitude: <u>33.55551165</u> N Longitude: <u>86.79934985</u> W Media description: <u>DK brun silt</u>
Aliquot #3: Latitude: <u>33.55556621</u> N Longitude: <u>86.79938712</u> W Media description: <u>DK brun silt</u>
Aliquot #4: Latitude: <u>33.55563094</u> N Longitude: <u>86.79937222</u> W Media description: <u>DK brun silt</u>
Aliquot #5: Latitude: <u>33.55563324</u> N Longitude: <u>86.79925611</u> W Media description: <u>DK brun silt</u>

STATION ID: CV0371B SAMPLE ID: CV0371B-CS-SP

SAMPLE COLLECTION TIME: 1332

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: CV0371B

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>018765</u> Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.55551576</u> N Longitude: <u>86.79899386</u> W Media description: <u>BK silt w/ gravel</u>
Aliquot #2: Latitude: <u>33.55551738</u> N Longitude: <u>86.79914287</u> W Media description: <u>DK brun silt moist</u>
Aliquot #3: Latitude: <u>33.55557541</u> N Longitude: <u>86.79907465</u> W Media description: <u>BK silt w/ gravel</u>
Aliquot #4: Latitude: <u>33.55560147</u> N Longitude: <u>86.79915578</u> W Media description: <u>DK brun silt moist</u>
Aliquot #5: Latitude: <u>33.55558934</u> N Longitude: <u>86.79899492</u> W Media description: <u>DK brun silt moist</u>



(b) (6)

ADDRESS

PROPERTY ID: CV0363

DATE: 1/22/13

ARRIVAL TIME: 1342

Other pertinent information (weather conditions, etc.):

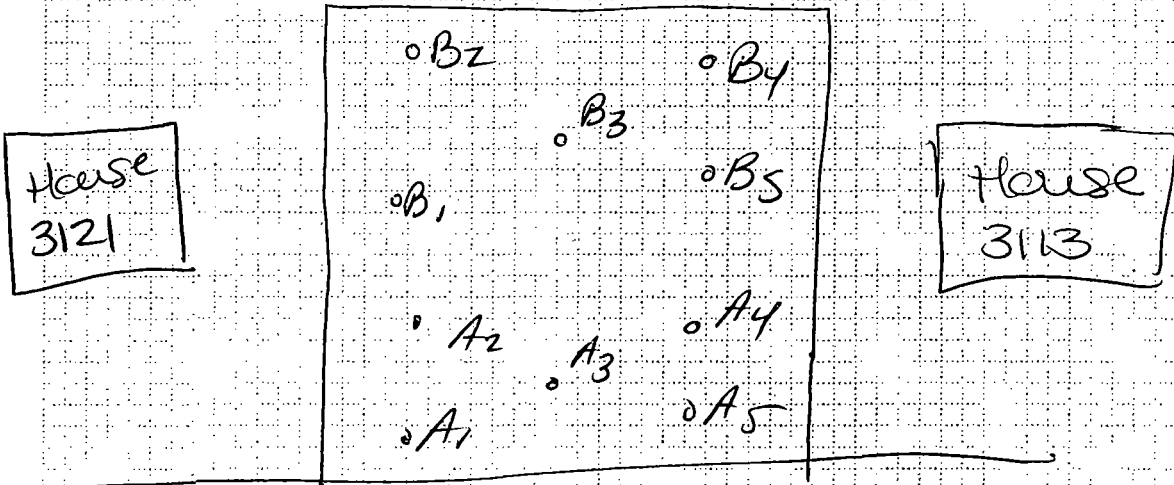
43°F, sunny

PROPERTY COMMENTS:

vacant lot

w/ (b) (6) illegal team

Grid for property sketch



(b) (6)

STATION ID: CV0363A SAMPLE ID: CV0363A-CS-SP

SAMPLE COLLECTION TIME: 1354

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: CV0363A

GPS Coordinates: Trimble [] Instrument #: 018168 Logged? Y or N

Aliquot #1: Latitude: 33.55496321 N Longitude 86.79936333 W

Media description: Brown silt w/ orange/tan clay

Aliquot #2 Latitude: 33.55496216 N Longitude 86.79922639 W

Media description: orange/tan clay w/ small gravel

Aliquot #3: Latitude: 33.55492049 N Longitude 86.79928990 W

Media description: DK brown/blk silt w/ coal fragments

Aliquot #4: Latitude: 33.55488841 N Longitude 86.79922044 W

Media description: DK brown silt w/ gravel

Aliquot #5: Latitude: 33.55488428 N Longitude 86.79936742 W

Media description: DK brown silt w/ gray gravel

STATION ID: CV0363B SAMPLE ID: CV0363B-CS-SP

SAMPLE COLLECTION TIME: 1359

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: CV0363B

GPS Coordinates: Trimble [] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.55495843 N Longitude 86.79914391 W

Media description: Blk Sandy silt w/ gravel

Aliquot #2 Latitude: 33.55494366 N Longitude 86.79898161 W

Media description: DK brown sandy silt w/ gravel wet

Aliquot #3: Latitude: 33.55492730 N Longitude 86.79906658 W

Media description: tan/orange clay moist

Aliquot #4: Latitude: 33.55488699 N Longitude 86.79898498 W

Media description: Blk silt w/ gravel wet

Aliquot #5: Latitude: 33.55488876 N Longitude 86.79913138 W

Media description: tan/orange clay w/ gravel



(b) (6)

ADDRESS: \_\_\_\_\_

PROPERTY ID: CV0302

DATE: 1/22/13

ARRIVAL TIME: 1420

Other pertinent information (weather conditions, etc.):

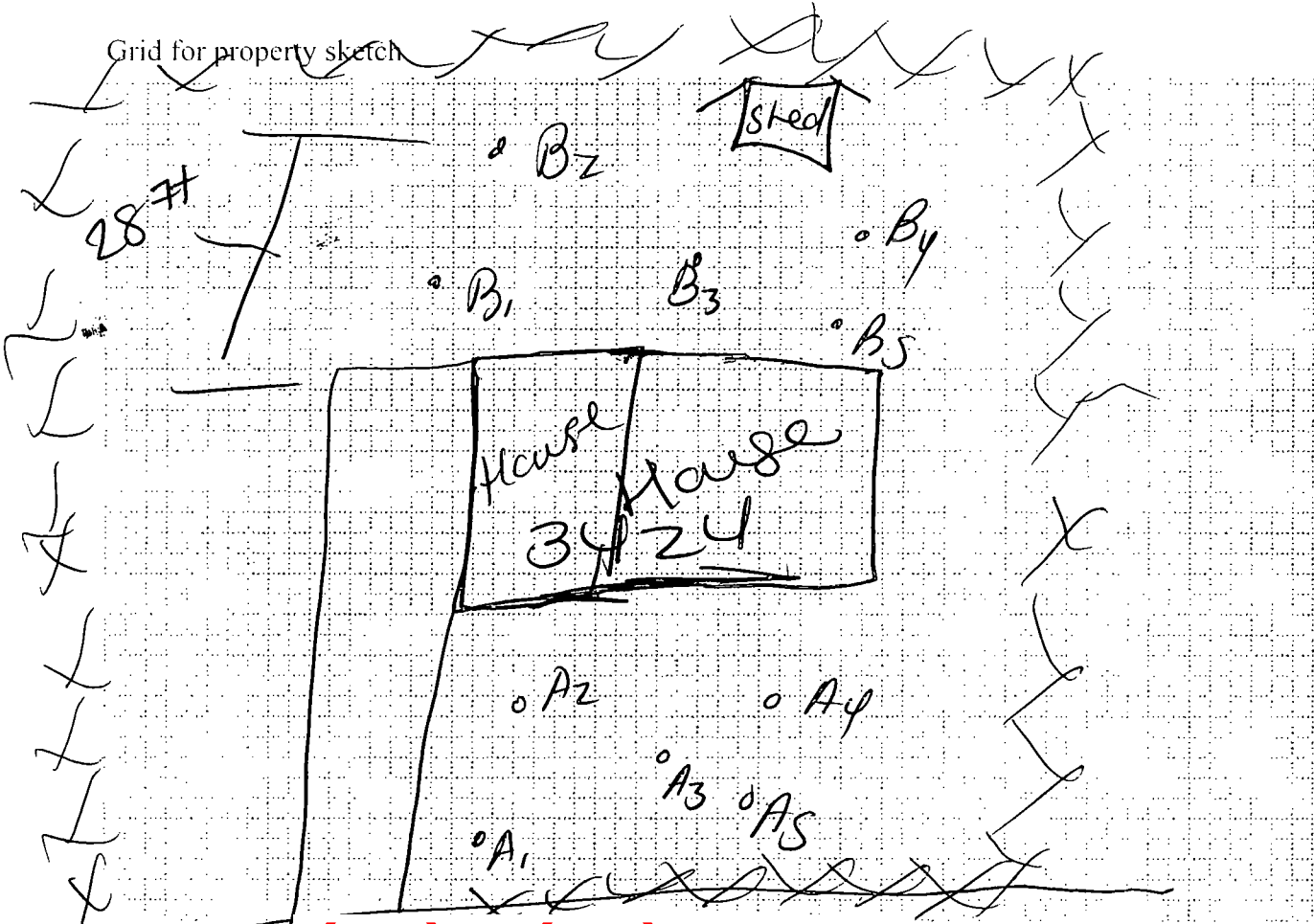
45°F Sunny

PROPERTY COMMENTS:

Resident Home

w/ (b) (6) legal team

Grid for property sketch



(b) (6)

STATION ID: CV0302A

SAMPLE ID: CV0302A-CS-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: Yes or No If yes, indicate Duplicate/split sample station ID: CV0302A

GPS Coordinates: Trimble [Y] Instrument #: 018168 Logged? Y or N

Aliquot #1: Latitude: 33.55551292 N Longitude 86.79723363 W

Media description: DK brwn silt w/ minor gravel

Aliquot #2: Latitude: 33.55558110 N Longitude 86.79723762 W

Media description: DK brwn silt

Aliquot #3: Latitude: 33.55531926 N Longitude 86.79715749 W

Media description: DK brwn silt

Aliquot #4: Latitude: 33.5556626 N Longitude 86.79713456 W

Media description: DK brwn silt w/ small coal fragments

Aliquot #5: Latitude: 33.55530124 N Longitude 86.79711616 W

Media description: DK brwn silt

STATION ID: CV0302B

SAMPLE ID: CV0302B-CS-SP

SAMPLE COLLECTION TIME: 1438

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: CV0302B

GPS Coordinates: Trimble [Y] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.55551292 N Longitude 86.79723363 W

Media description: DK brwn silt w/ tan sand

Aliquot #2: Latitude: 33.55558110 N Longitude 86.79723762 W

Media description: DK brwn/blk silt w/ gravel

Aliquot #3: Latitude: 33.55555677 N Longitude 86.79719114 W

Media description: DK brwn/blk silt w/ gravel

Aliquot #4: Latitude: 33.5556626 N Longitude 86.79713456 W

Media description: DK brwn/blk silt w/ gravel

Aliquot #5: Latitude: 33.5552437 N Longitude 86.79712766 W

Media description: DK brwn/blk silt w/ gravel



(b) (6)

ADDRESS: \_\_\_\_\_

PROPERTY ID: CV0806

DATE: 1/22/13

ARRIVAL TIME: 1505

Other pertinent information (weather conditions, etc.):

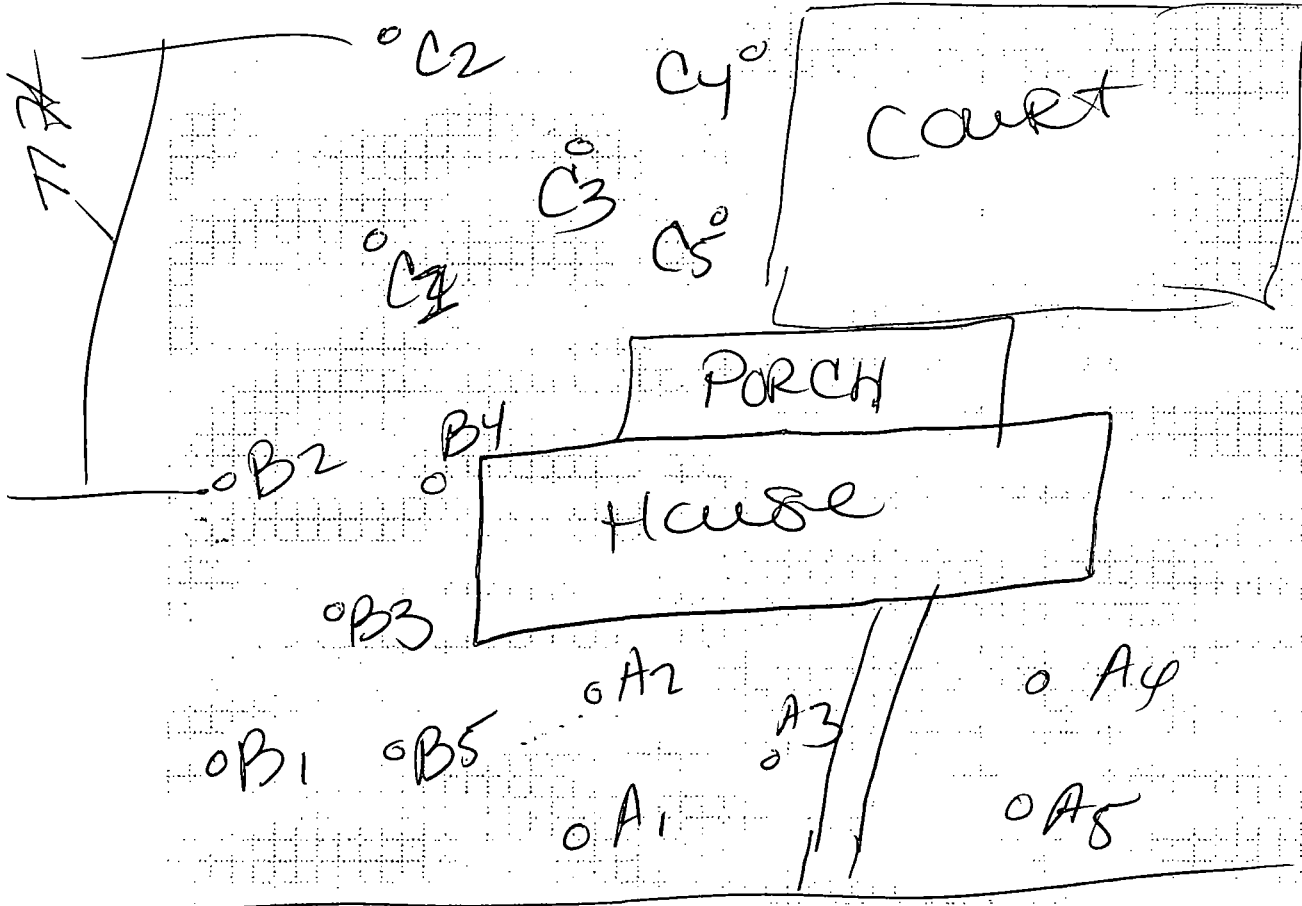
47°F, Sunny

PROPERTY COMMENTS:

Resident Home

w/ (b) (6) legal team

Grid for property sketch



(b) (6)

STATION ID: CV0806A SAMPLE ID: CV0806A-CS-SP

SAMPLE COLLECTION TIME: 1523

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: CV0806A

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>018165</u> Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.55402294</u> N Longitude: <u>86.80309749</u> W Media description: <u>DK brown silt</u>
Aliquot #2: Latitude: <u>33.55398662</u> N Longitude: <u>86.80311147</u> W Media description: <u>DK brown silt</u>
Aliquot #3: Latitude: <u>33.55401432</u> N Longitude: <u>86.80320176</u> W Media description: <u>DK brown silt</u>
Aliquot #4: Latitude: <u>33.55400025</u> N Longitude: <u>86.80327115</u> W Media description: <u>DK brown silt</u>
Aliquot #5: Latitude: <u>33.55403302</u> N Longitude: <u>86.80325462</u> W Media description: <u>DK brown silt</u>

STATION ID: CV0806B SAMPLE ID: CV0806B-CS-SP

SAMPLE COLLECTION TIME: 1529

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: CV0806B

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>018165</u> Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.55400406</u> N Longitude: <u>86.80294242</u> W Media description: <u>DK brown silt w/ gravel</u>
Aliquot #2: Latitude: <u>33.55387228</u> N Longitude: <u>86.80294618</u> W Media description: <u>DK brown silt w/ gravel</u>
Aliquot #3: Latitude: <u>33.55394728</u> N Longitude: <u>86.80298493</u> W Media description: <u>DK brown silt</u>
Aliquot #4: Latitude: <u>33.55387207</u> N Longitude: <u>86.80304471</u> W Media description: <u>DK brown silt</u>
Aliquot #5: Latitude: <u>33.55400626</u> N Longitude: <u>86.80304040</u> W Media description: <u>DK brown silt</u>



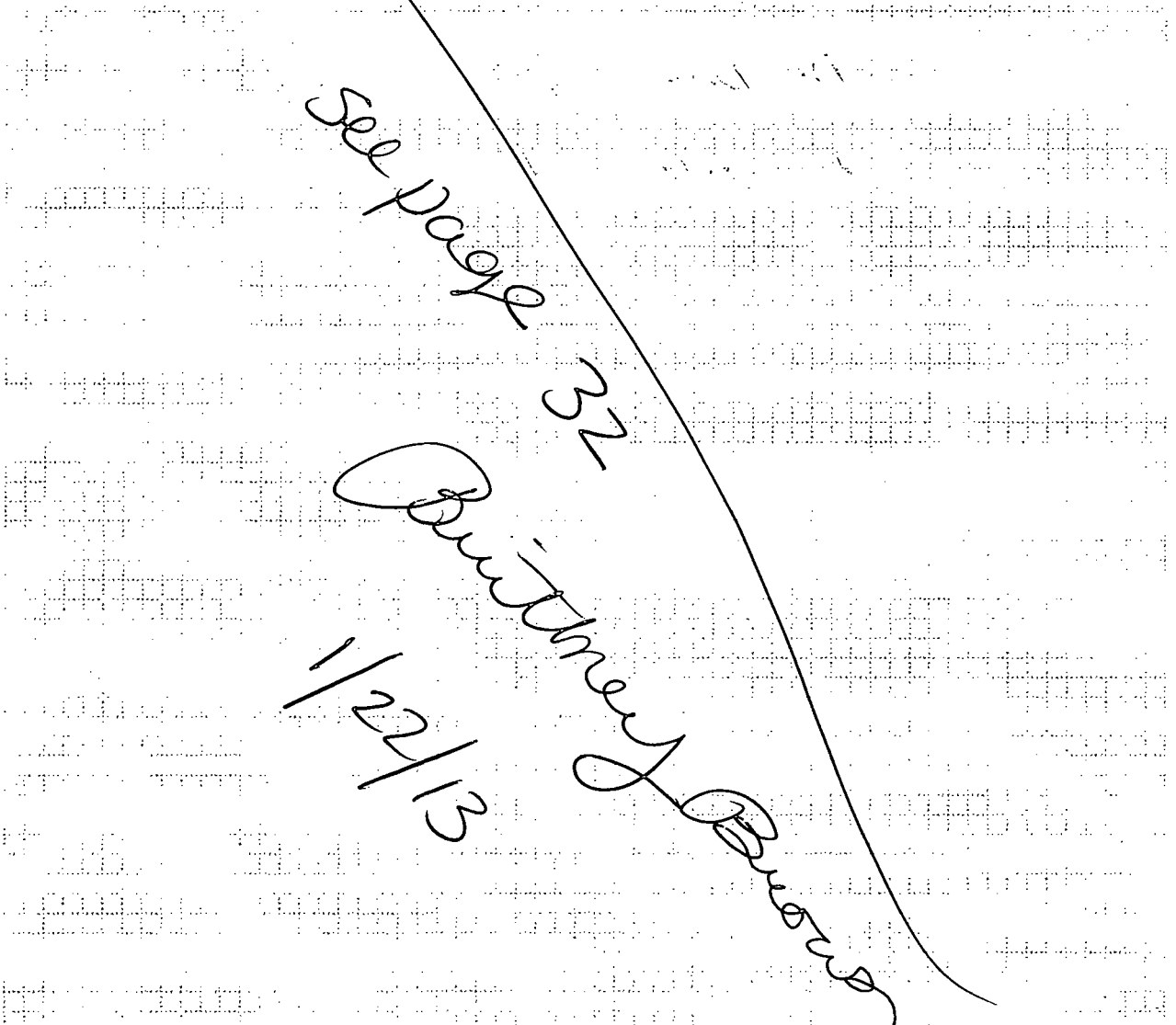
ADDRESS: \_\_\_\_\_ PROPERTY ID: \_\_\_\_\_

DATE: \_\_\_\_\_ ARRIVAL TIME: \_\_\_\_\_

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0806C SAMPLE ID: CV0806C-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: CV0806C

GPS Coordinates:	Trimble [ ]	Instrument #:	<u>018765</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.55384105</u>	N Longitude	<u>86.80299186</u>	W
	Media description:	<u>DK brown silt w/ gravel</u>			
Aliquot #2:	Latitude:	<u>33.55376310</u>	N Longitude	<u>86.80299896</u>	W
	Media description:	<u>DK brown silt w/ gravel</u>			
Aliquot #3:	Latitude:	<u>33.55380591</u>	N Longitude	<u>86.80306492</u>	W
	Media description:	<u>DK brown silt</u>			
Aliquot #4:	Latitude:	<u>33.55376286</u>	N Longitude	<u>86.80317076</u>	W
	Media description:	<u>DK brown silt</u>			
Aliquot #5:	Latitude:	<u>33.55382299</u>	N Longitude	<u>86.80315260</u>	W
	Media description:	<u>DK brown silt</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:	_____			



(b) (6)

ADDRESS:

PROPERTY ID:

HPO295

DATE:

1/23/13

ARRIVAL TIME:

0841

Other pertinent information (weather conditions, etc.):

40°F, cloudy

PROPERTY COMMENTS:

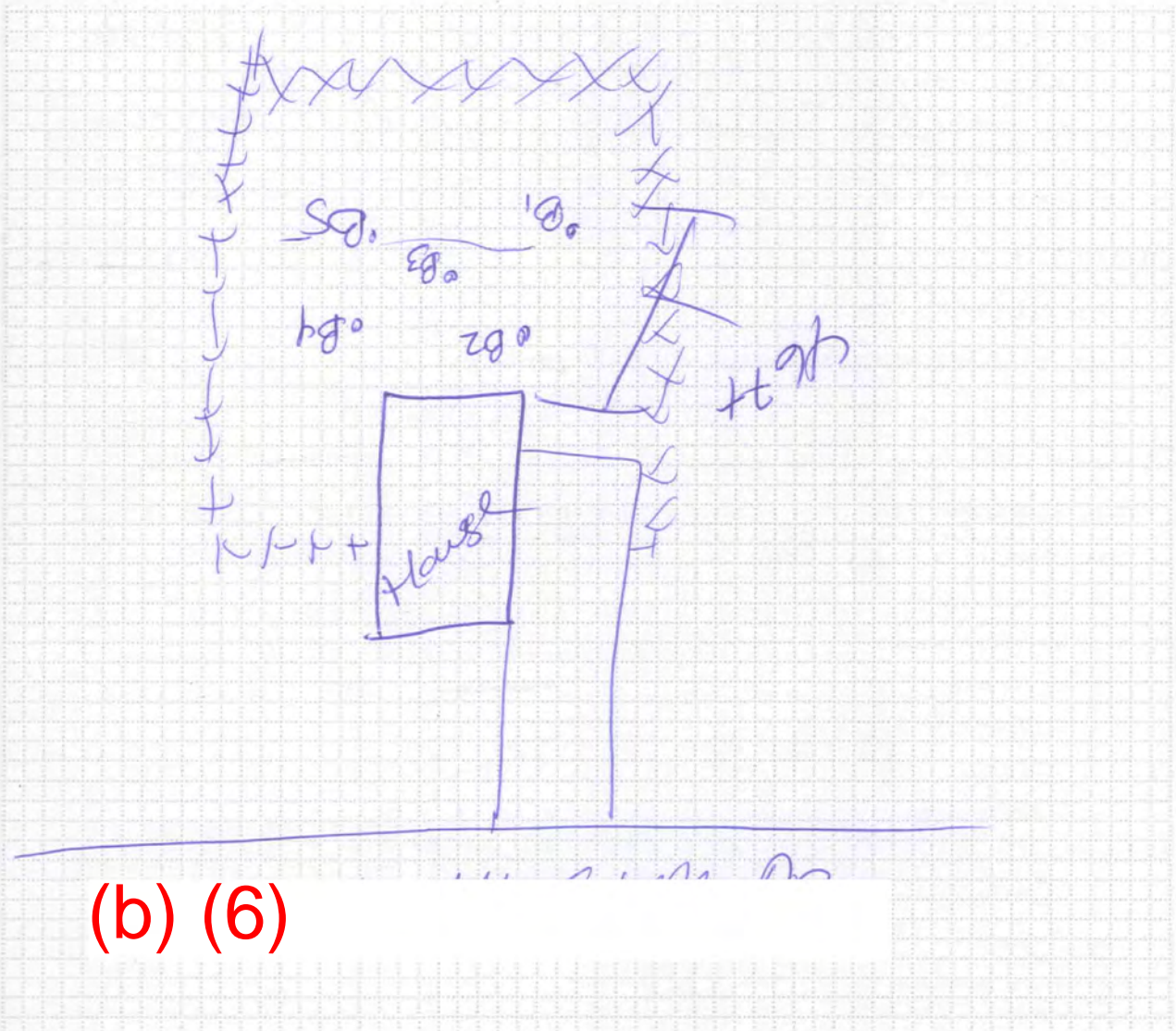
Resident Home

(b) (6)

legal team

already sample HPO298A

Grid for property sketch



(b) (6)

STATION ID: HPO29SB SAMPLE ID: HPO29SB-CS-SP

SAMPLE COLLECTION TIME: 0850

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 Y

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO29SB

GPS Coordinates: Trimble [  ] Instrument #: 018165 Logged? Y or N Y

Aliquot #1: Latitude: 33.56573600 N Longitude 86.79564419 W  
Media description: DK brown silt w/ gray sand + gravel

Aliquot #2: Latitude: 33.56577370 N Longitude 86.79573271 W  
Media description: Brown/orange silty clay w/ minor local fragments

Aliquot #3: Latitude: 33.56577177 N Longitude 86.79565379 W  
Media description: DK brown silt + gray sand + gravel

Aliquot #4: Latitude: 33.56583513 N Longitude 86.79568553 W  
Media description: DK brown silt

Aliquot #5: Latitude: 33.56578887 N Longitude 86.79560486 W  
Media description: DK brown silt + gray sand + gravel

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: \_\_\_\_\_



(b) (6)

ADDRESS

PROPERTY ID:

HP0096

DATE:

1/23/13

ARRIVAL TIME:

0859

Other pertinent information (weather conditions, etc.):

40°F, cloudy

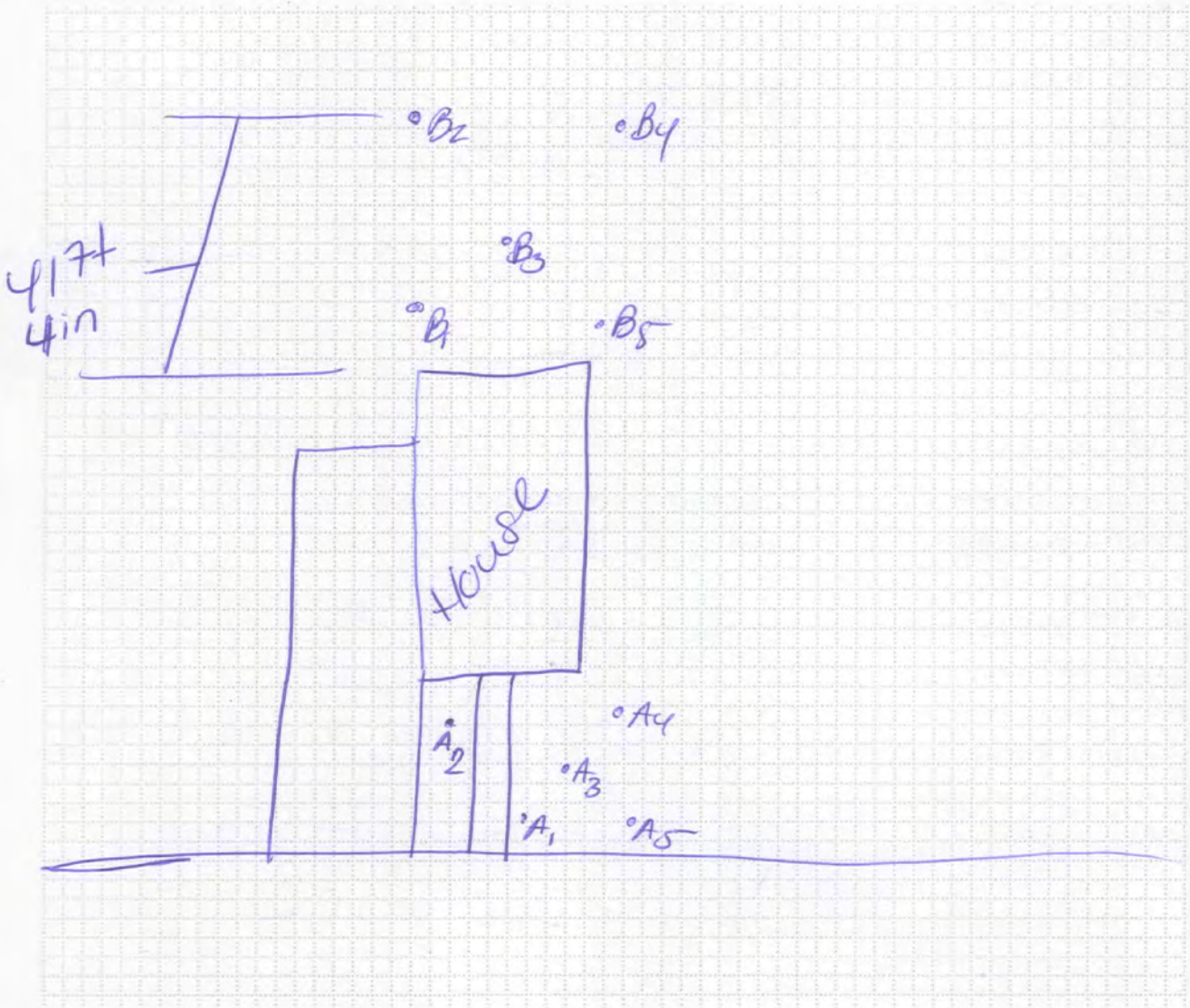
PROPERTY COMMENTS:

Resident Home

(b) (6)

legal team

Grid for property sketch





STATION ID: HP0096A SAMPLE ID: HP0096A-CS-SP

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: HP0096A

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>018165</u> Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.86502647</u> N Longitude <u>86.79444823</u> W Media description: <u>DK brown silt w/ coal fragments</u>
Aliquot #2 Latitude: <u>33.86507001</u> N Longitude <u>86.79446704</u> W Media description: <u>DK brown silt w/ coal fragments</u>
Aliquot #3: Latitude: <u>33.86505203</u> N Longitude <u>86.79441100</u> W Media description: <u>DK brown silt w/ coal fragments</u>
Aliquot #4: Latitude: <u>33.86508299</u> N Longitude <u>86.79438391</u> W Media description: <u>DK brown silt w/ coal fragments</u>
Aliquot #5: Latitude: <u>33.86503141</u> N Longitude <u>86.79438664</u> W Media description: <u>DK brown silt</u>

STATION ID: HP0096B SAMPLE ID: HP0096B-CS-SP

SAMPLE COLLECTION TIME: 0923

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: HP0096B

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>018165</u> Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.56527931</u> N Longitude <u>86.79446075</u> W Media description: <u>DK brown silt w/ gravel + coal fragments</u>
Aliquot #2 Latitude: <u>33.56533167</u> N Longitude <u>86.79447356</u> W Media description: <u>DK brown silt w/ gravel</u>
Aliquot #3: Latitude: <u>33.56529941</u> N Longitude <u>86.79441619</u> W Media description: <u>DK brown silt w/ gravel</u>
Aliquot #4: Latitude: <u>33.56531930</u> N Longitude <u>86.79438409</u> W Media description: <u>DK brown silt w/ gravel</u>
Aliquot #5: Latitude: <u>33.56527128</u> N Longitude <u>86.79440139</u> W Media description: <u>DK brown silt w/ gravel + coal fragments</u>



(b) (6)

ADDRESS:

PROPERTY ID:

HPO105

DATE:

1/23/13

ARRIVAL TIME:

0940

Other pertinent information (weather conditions, etc.):

40°F, Cloudy

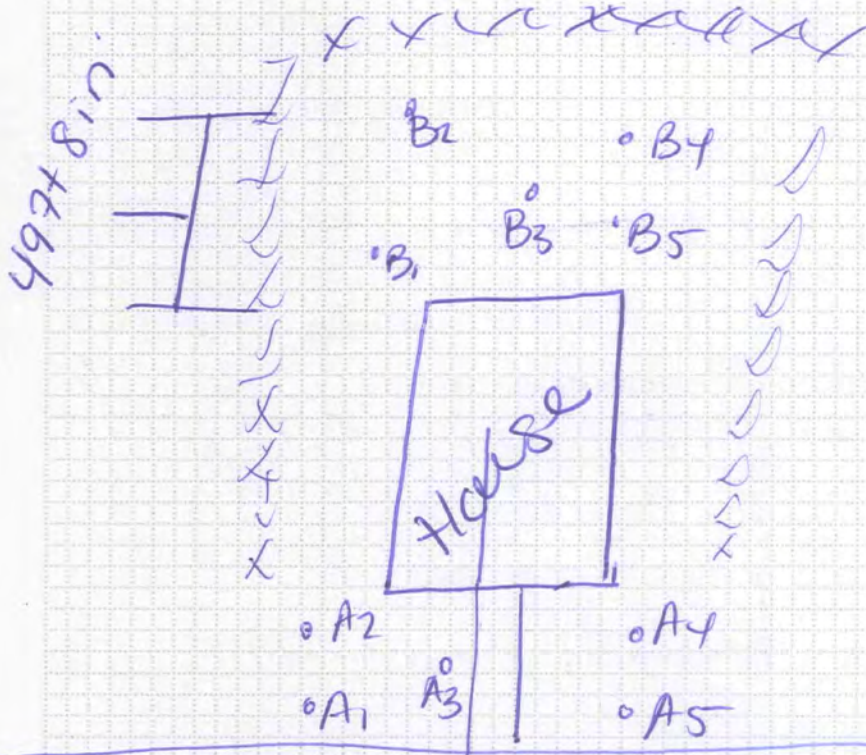
PROPERTY COMMENTS:

Resident Home

(b) (6)

legal team

Grid for property sketch



(b) (6)



STATION ID: HPO105A SAMPLE ID: HPO105A-CS-SP

SAMPLE COLLECTION TIME: 0952

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: HPO105A

GPS Coordinates: Trimble [] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.56488461 N Longitude 86.79381464 W

Media description: Brown silt w/ brick gravel & coal fragments

Aliquot #2 Latitude: 33.56485002 N Longitude 86.79381561 W

Media description: Brown silt w/ gravel

Aliquot #3: Latitude: 33.56486393 N Longitude 86.79384101 W

Media description: Brown silt w/ gravel & coal fragments

Aliquot #4: Latitude: 33.56484889 N Longitude 86.79388481 W

Media description: Brown silt w/ coal fragments

Aliquot #5: Latitude: 33.56488331 N Longitude 86.79388949 W

Media description: Brown silt w/ coal fragments

STATION ID: HPO105B SAMPLE ID: HPO105B-CS-SP

SAMPLE COLLECTION TIME: 0958

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: HPO105B

GPS Coordinates: Trimble [] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.56466943 N Longitude 86.79380830 W

Media description: DK brown silt w/ coal fragments

Aliquot #2 Latitude: 33.56456748 N Longitude 86.79381710 W

Media description: DK brown/bk silt w/ large piece of coal

Aliquot #3: Latitude: 33.56461734 N Longitude 86.79384140 W

Media description: Brown silt

Aliquot #4: Latitude: 33.56456796 N Longitude 86.79387714 W

Media description: Brown silt w/ minor coal fragments

Aliquot #5: Latitude: 33.56465784 N Longitude 86.79387053 W

Media description: Brown silt



(b) (6)

ADDRESS:

PROPERTY ID:

71 P0065

DATE:

1/23/13

ARRIVAL TIME:

1039

Other pertinent information (weather conditions, etc.):

42°F, Cloudy

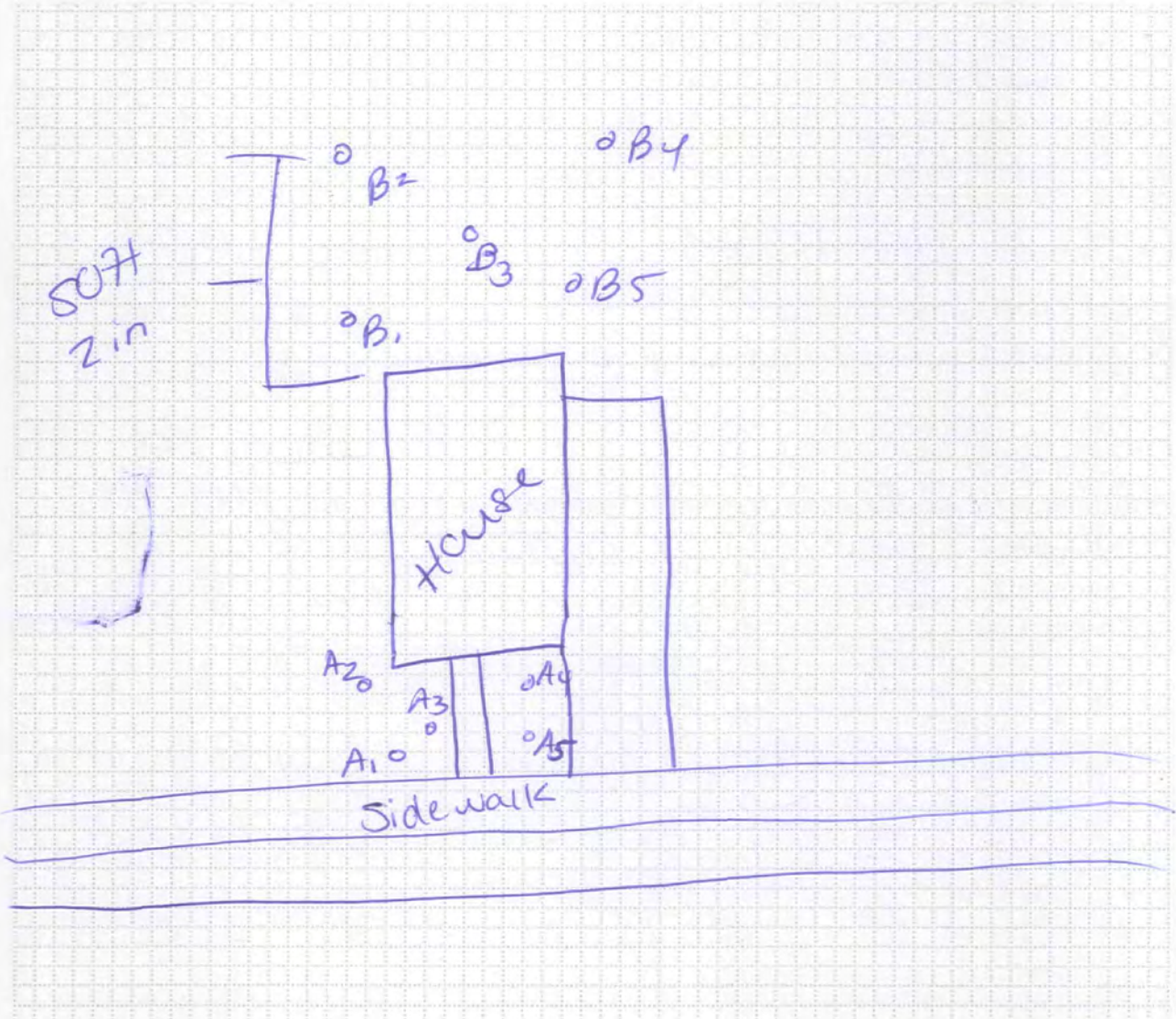
PROPERTY COMMENTS:

Vacant Home

(b) (6)

legal team

Grid for property sketch





STATION ID: HP006SA SAMPLE ID: HP006SA-CS-SP

SAMPLE COLLECTION TIME: 1058

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: HP006SA

GPS Coordinates: Trimble [ Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.56398038 N Longitude 86.79159115 W

Media description: DK brun silt w/ large gravel

Aliquot #2 Latitude: 33.56400646 N Longitude 86.79160508 W

Media description: DK brun silt w/ large gravel

Aliquot #3: Latitude: 33.56399716 N Longitude 86.79156560 W

Media description: DK brun silt w/ large gravel

Aliquot #4: Latitude: 33.56401134 N Longitude 86.79152162 W

Media description: DK brun silt w/ large coal pieces

Aliquot #5: Latitude: 33.56398699 N Longitude 86.79152813 W

Media description: DK brun silt w/ piecesize gravel

STATION ID: HP006SB SAMPLE ID: HP006SB-CS-SP

SAMPLE COLLECTION TIME: 1104

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: HP006SB

GPS Coordinates: Trimble [ Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.56419364 N Longitude 86.79152928 W

Media description: DK brun silt

Aliquot #2 Latitude: 33.56428561 N Longitude 86.79158469 W

Media description: DK Brun silt

Aliquot #3: Latitude: 33.56428063 N Longitude 86.79155641 W

Media description: Brun silt

Aliquot #4: Latitude: 33.56433400 N Longitude 86.79150577 W

Media description: Brun silt w/ orange reddish clay & gravel

Aliquot #5: Latitude: 33.56422021 N Longitude 86.79152305 W

Media description: DK brun silt w/ minor coal fragments



(b) (6)

ADDRESS

PROPERTY ID:

HP0272

DATE:

1/23/13

ARRIVAL TIME:

1122

Other pertinent information (weather conditions, etc.):

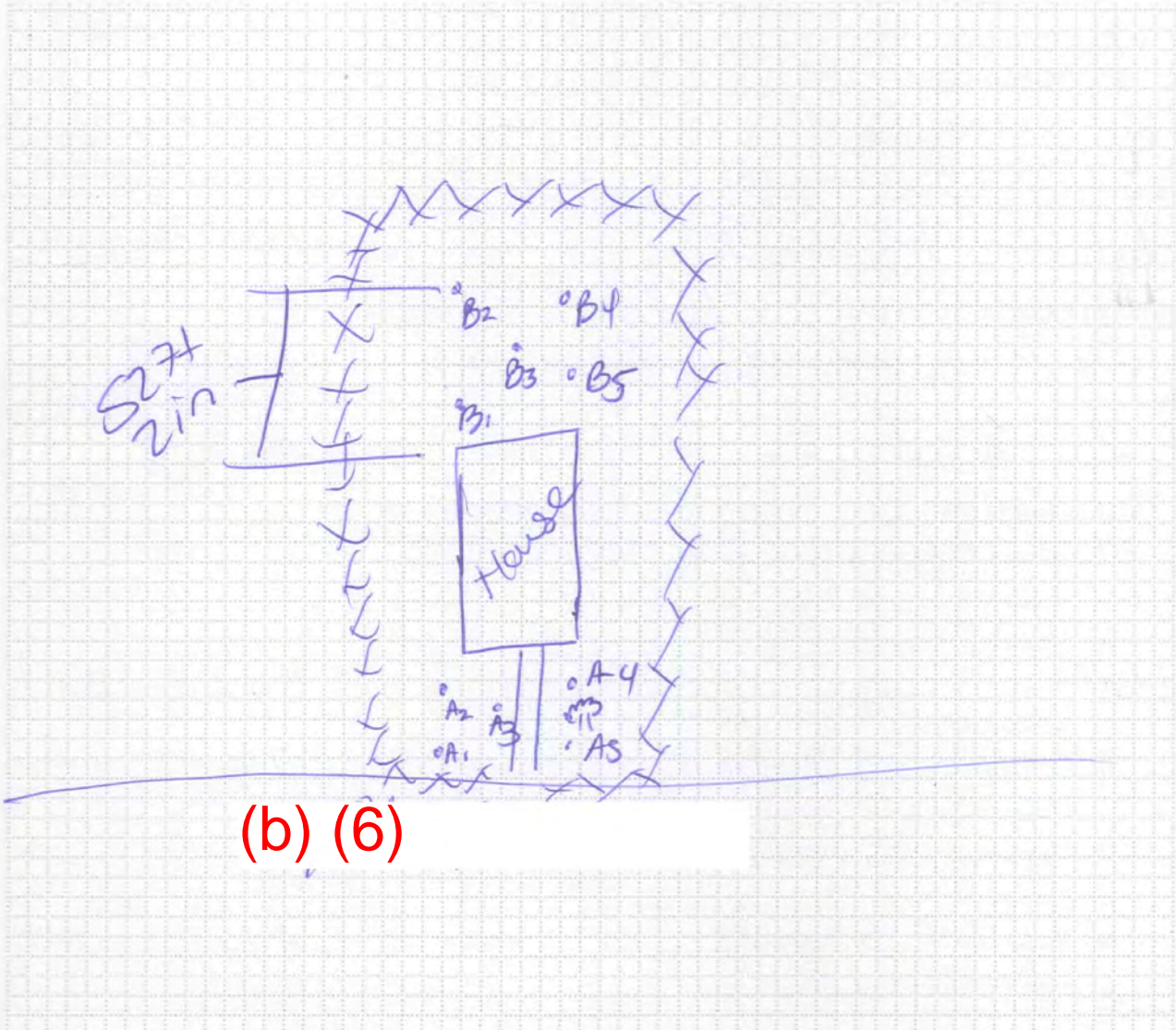
42°f, sunny

PROPERTY COMMENTS:

Resident Home Vacant

(b) (6)

Grid for property sketch



(b) (6)



STATION ID: HPO272A SAMPLE ID: HPO272A-CS-SP

SAMPLE COLLECTION TIME: 1130

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: HPO272A

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>018165</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56750669</u> N Longitude <u>86.79189942</u> W Media description: <u>DK brown silt</u>
Aliquot #2: Latitude: <u>33.56747393</u> N Longitude <u>86.79189790</u> W Media description: <u>Brown silt</u>
Aliquot #3: Latitude: <u>33.56749412</u> N Longitude <u>86.79193803</u> W Media description: <u>DK brown silt</u>
Aliquot #4: Latitude: <u>33.56748584</u> N Longitude <u>86.79198280</u> W Media description: <u>DK brown silt</u>
Aliquot #5: Latitude: <u>33.56751599</u> N Longitude <u>86.79196615</u> W Media description: <u>DK brown silt</u>

STATION ID: HPO272B SAMPLE ID: HPO272B-CS-SP

SAMPLE COLLECTION TIME: 1138

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: HPO272B

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>018165</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56731612</u> N Longitude <u>86.79191477</u> W Media description: <u>DK brown silt</u>
Aliquot #2: Latitude: <u>33.56721141</u> N Longitude <u>86.79190889</u> W Media description: <u>DK brown silt</u>
Aliquot #3: Latitude: <u>33.56727924</u> N Longitude <u>86.79196149</u> W Media description: <u>DK brown silt</u>
Aliquot #4: Latitude: <u>33.56721225</u> N Longitude <u>86.79196477</u> W Media description: <u>DK brown silt</u>
Aliquot #5: Latitude: <u>33.56731017</u> N Longitude <u>86.79197617</u> W Media description: <u>DK brown silt</u>



(b) (6)

ADDRESS: \_\_\_\_\_

PROPERTY ID: FM0195

DATE: 1/23/13

ARRIVAL TIME: 1315

Other pertinent information (weather conditions, etc.):

55°F, Cloudy

PROPERTY COMMENTS:

Vacant lot

(b) (6)

legal team

(b) (6)

(b) (6)

See page 6 + 7 for samples FM0195A + B.

Grid for property sketch

XFR Readings

- 192 Pb:  $435 \pm 11$  ppm  
As: ND
- 193 (1-inch) Pb: 3565 ppm
- \* • 194 (3-4 inch) Pb:  $10,300 \pm 100$  ppm  
As: 537 ppm  
Cr:  $157 \pm 11$  ppm
- 195 Pb:  $305 \pm 11$  ppm  
As:  $22 \pm 8$  ppm  
Cr:  $118 \pm 11$  ppm

\* sample taken

STATION ID: FM0195C SAMPLE ID: FM0195C-GS-SP

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: FM0195C

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>018165</u> Logged? <u>(Y)</u> or N	
Aliquot #1: Latitude: <u>33.57068367</u> N Longitude: <u>86.80585858</u> W	* buried insulating material
Media description: <u>Blk silt w/ small pieces of gravel + tan/gray sand</u>	
Aliquot #2: Latitude: _____ N Longitude: _____ W	
Media description: _____	
Aliquot #3: Latitude: _____ N Longitude: _____ W	
Media description: _____	<u>BB</u>
Aliquot #4: Latitude: _____ N Longitude: _____ W	
Media description: _____	
Aliquot #5: Latitude: _____ N Longitude: _____ W	
Media description: _____	

STATION ID: FM0195D SAMPLE ID: FM0195D

SAMPLE COLLECTION TIME: 1352

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

Drainage

Collection: Composite or Grab MS/MSD? Y or N  
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: FM0195D

GPS Coordinates: Trimble [ ] Instrument #: _____ Logged? Y or N	
Aliquot #1: Latitude: <u>33.57066122</u> N Longitude: <u>86.80579631</u> W	* buried insulating material
Media description: <u>tan silt w/ gravel</u>	
Aliquot #2: Latitude: _____ N Longitude: _____ W	
Media description: _____	
Aliquot #3: Latitude: _____ N Longitude: _____ W	
Media description: _____	<u>BB</u>
Aliquot #4: Latitude: _____ N Longitude: _____ W	
Media description: _____	
Aliquot #5: Latitude: _____ N Longitude: _____ W	
Media description: _____	

See page 6 + 7 for samples FM0195A + B



ADDRESS: **(b) (6)** PROPERTY ID: FM0220

DATE: 1/23/13 ARRIVAL TIME: 1408

Other pertinent information (weather conditions, etc.):

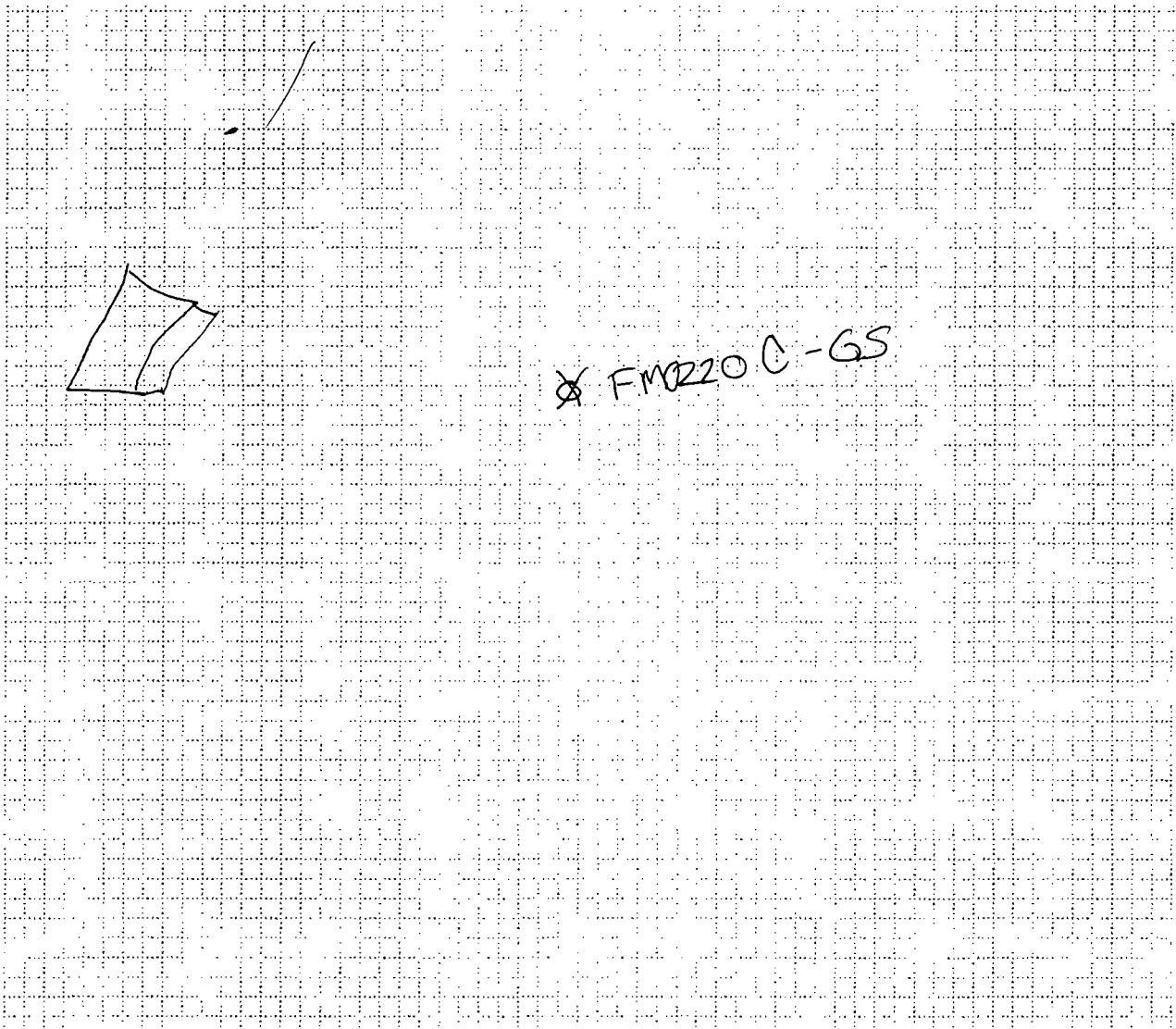
48°F, Cloudy

PROPERTY COMMENTS:

vacant lot

w/ **(b) (6)** EPA

Grid for property sketch



STATION ID: FMO220

SAMPLE ID: FMO220C-G5

SAMPLE COLLECTION TIME: 1420

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

Drainage pathway

Collection: Composite or Grab

MS/MSD? Y or N

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

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>018165</u> Logged? <input checked="" type="checkbox"/> Y or N	
Aliquot #1: Latitude: <u>33.57095262</u> N Longitude: <u>86.80578208</u> W	
Media description: <u>Clay silt DK brun w/ gravel incst</u>	
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: _____	

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: (b) (6) PROPERTY ID: CV0529

DATE: 1/23/13 ARRIVAL TIME: 1440

Other pertinent information (weather conditions, etc.):

54°F, Cloudy

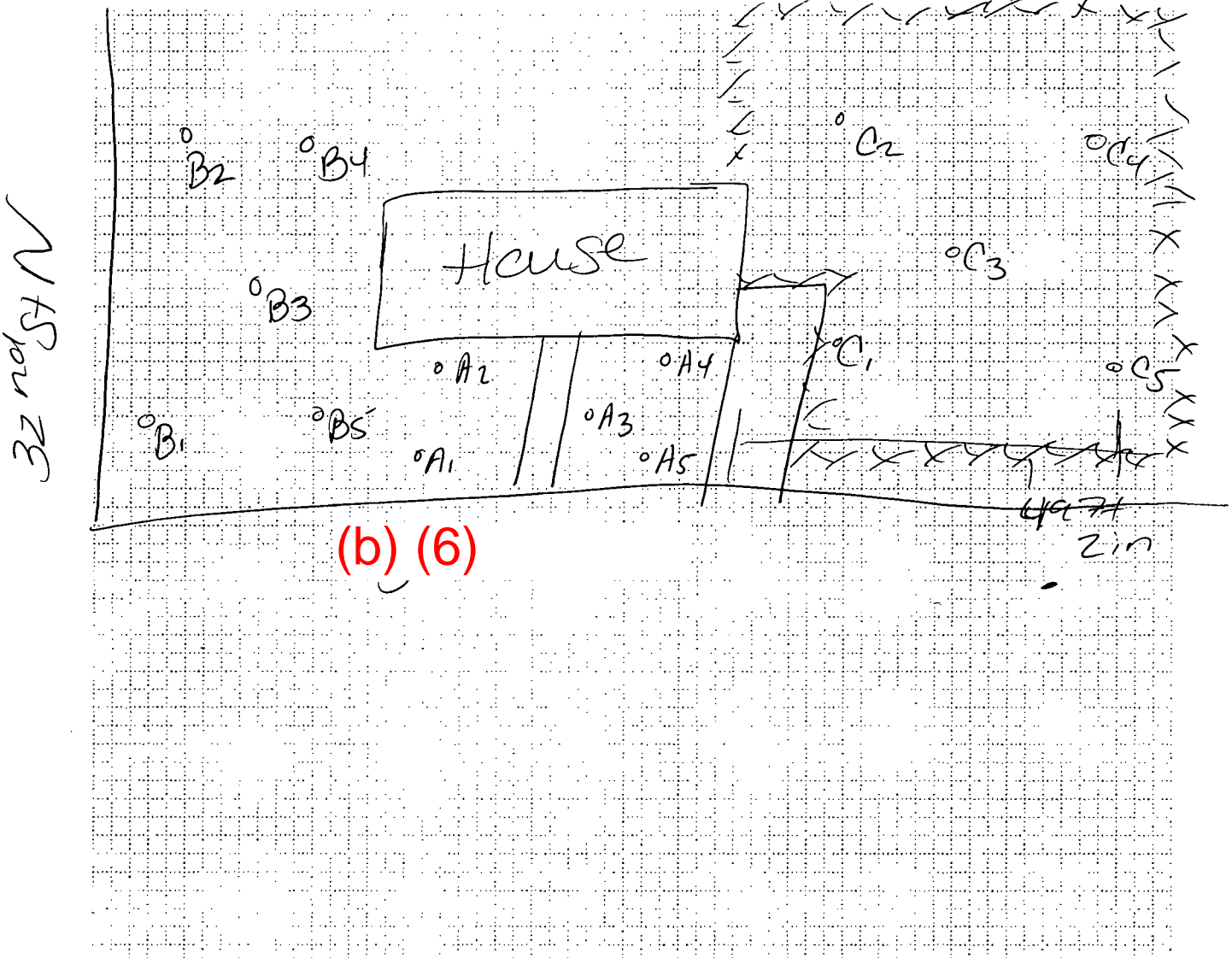
PROPERTY COMMENTS:

Resident Home

(b) (6)

legal team

Grid for property sketch



STATION ID: CV0529A SAMPLE ID: CV0529A-CS-SP

SAMPLE COLLECTION TIME: 1447

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: CV0529A

GPS Coordinates: Trimble [] Instrument #: 018165 Logged? (Y) or N

Aliquot #1: Latitude: 33.55933526 N Longitude: 86.80327509 W

Media description: tan/orange clay dry silt

Aliquot #2 Latitude: 33.55932070 N Longitude: 86.80324809 W

Media description: DK brown silt

Aliquot #3: Latitude: 33.55932507 N Longitude: 86.80331129 W

Media description: DK brown silt

Aliquot #4: Latitude: 33.55931301 N Longitude: 86.80337917 W

Media description: DK brown silt moist

Aliquot #5: Latitude: 33.55934329 N Longitude: 86.80336581 W

Media description: DK brown silt w/ very small coal fragments

STATION ID: CV0529B SAMPLE ID: CV0529B-CS-SP

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: CV0529B

GPS Coordinates: Trimble [] Instrument #: 018165 Logged? (Y) or N

Aliquot #1: Latitude: 33.55931143 N Longitude: 86.80316131 W

Media description: DK brown silt moist

Aliquot #2 Latitude: 33.55920927 N Longitude: 86.80316632 W

Media description: DK brown silt moist

Aliquot #3: Latitude: 33.55926609 N Longitude: 86.80319385 W

Media description: DK brown silt moist

Aliquot #4: Latitude: 33.55921909 N Longitude: 86.80321700 W

Media description: DK brown silt moist

Aliquot #5: Latitude: 33.55931582 N Longitude: 86.80322218 W

Media description: DK brown silt moist w/ one small coal fragment



ADDRESS: \_\_\_\_\_ PROPERTY ID: \_\_\_\_\_

DATE: \_\_\_\_\_ ARRIVAL TIME: \_\_\_\_\_

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

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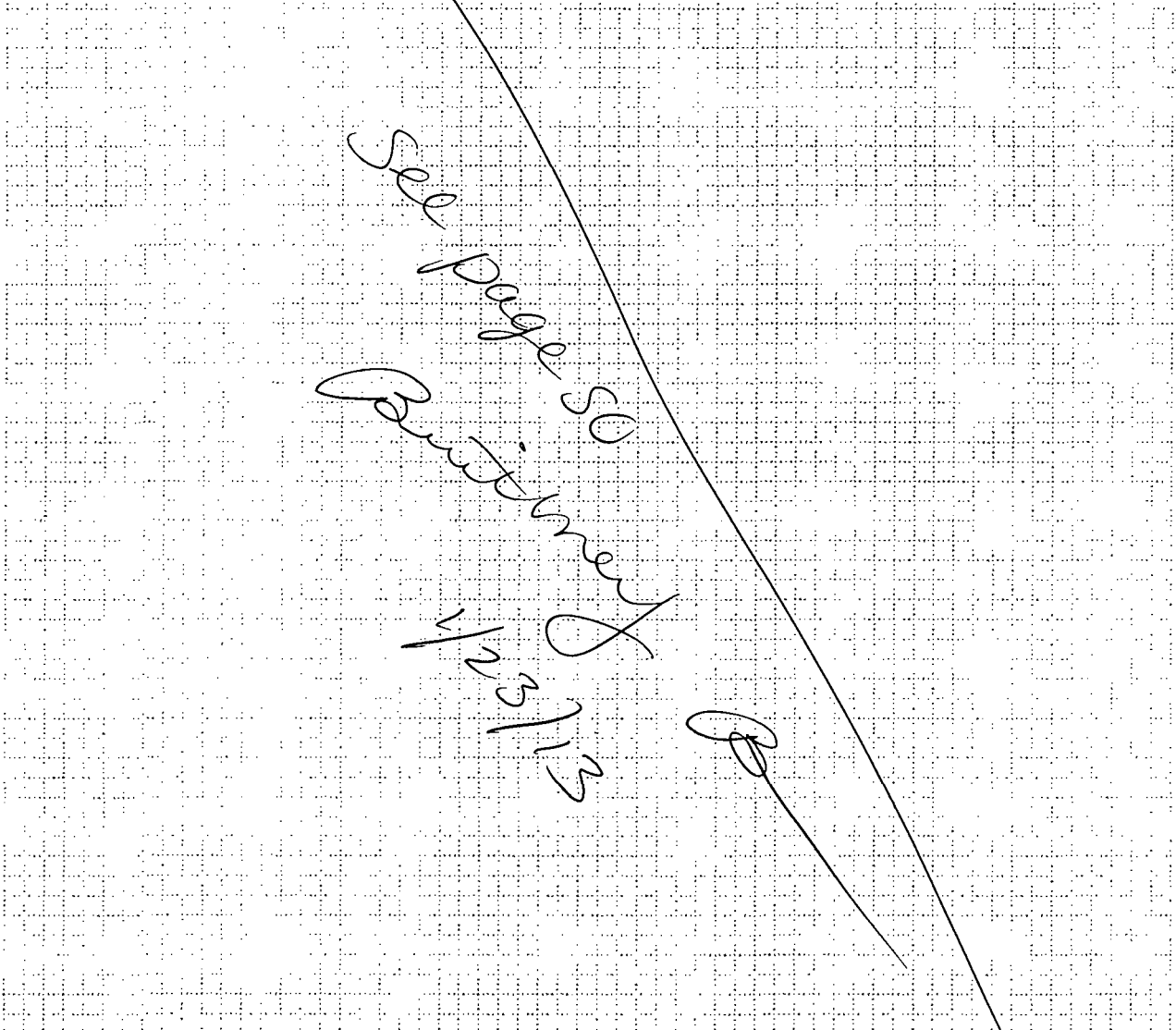
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Grid for property sketch



STATION ID: CV0529C

SAMPLE ID: CV0529C-CS-SP

SAMPLE COLLECTION TIME: 1501

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: CV0529C

GPS Coordinates: Trimble [  ] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.55930180 N Longitude 86.80345590 W

Media description: DK brwn silt

Aliquot #2 Latitude: 33.55922258 N Longitude 86.80346232 W

Media description: DK brwn silt w/ small coal fragments

Aliquot #3: Latitude: 33.55927464 N Longitude 86.80349873 W

Media description: DK brwn silt

Aliquot #4: Latitude: 33.55923844 N Longitude 86.80355186 W

Media description: DK brwn silt

Aliquot #5: Latitude: 33.55931925 N Longitude 86.80354373 W

Media description: DK brwn silt

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: \_\_\_\_\_



(b) (6)

ADDRESS: \_\_\_\_\_

PROPERTY ID: CV0681

DATE: 154 1/23/13

ARRIVAL TIME: 1542

Other pertinent information (weather conditions, etc.):

54°F, cloudy

PROPERTY COMMENTS:

Resident Home

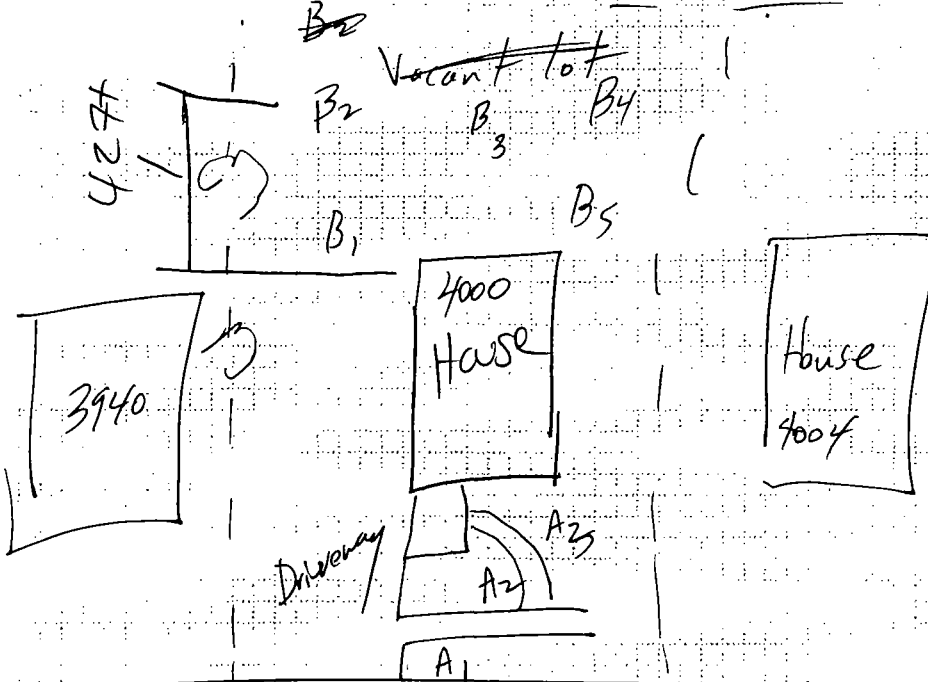
(b) (6)

legal team

Grid for property sketch

0000 ASTs

vacant lot



(b) (6)

STATION ID: CV0681A SAMPLE ID: CV0681A-CS-SP

SAMPLE COLLECTION TIME: 1552

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: CV0681A

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>01816J</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56190785</u> N Longitude <u>86.79846094</u> W Media description: <u>DK brown silt</u>
Aliquot #2: Latitude: <u>33.56197658</u> N Longitude <u>86.79844994</u> W Media description: <u>DK brown silt</u>
Aliquot #3: Latitude: <u>33.56198830</u> N Longitude <u>86.79847975</u> W Media description: <u>DK brown silt</u>
<del>Aliquot #4: Latitude: <u>33.56198830</u> N Longitude <u>86.79847975</u> W Media description: <u>DK brown silt</u></del>
<del>Aliquot #5: Latitude: _____ N Longitude _____ W Media description: _____</del>

STATION ID: CV0681B SAMPLE ID: CV0681B-CS-SP

SAMPLE COLLECTION TIME: 1559

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: CV0681B

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>01816J</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56197330</u> N Longitude <u>86.79868787</u> W Media description: <u>dk brown silt</u>
Aliquot #2: Latitude: <u>33.56199918</u> N Longitude <u>86.79876843</u> W Media description: <u>Same as above</u>
Aliquot #3: Latitude: <u>33.56201394</u> N Longitude <u>86.79872244</u> W Media description: <u>Same as above</u>
Aliquot #4: Latitude: <u>33.56203974</u> N Longitude <u>86.79876210</u> W Media description: <u>Same as above</u>
Aliquot #5: Latitude: <u>33.56202079</u> N Longitude <u>86.79867206</u> W Media description: <u>Same as above</u>



ADDRESS: (b) (6)

DATE: 1/24/13

PROPERTY ID: HP0203

ARRIVAL TIME: \_\_\_\_\_

Other pertinent information (weather conditions, etc.):

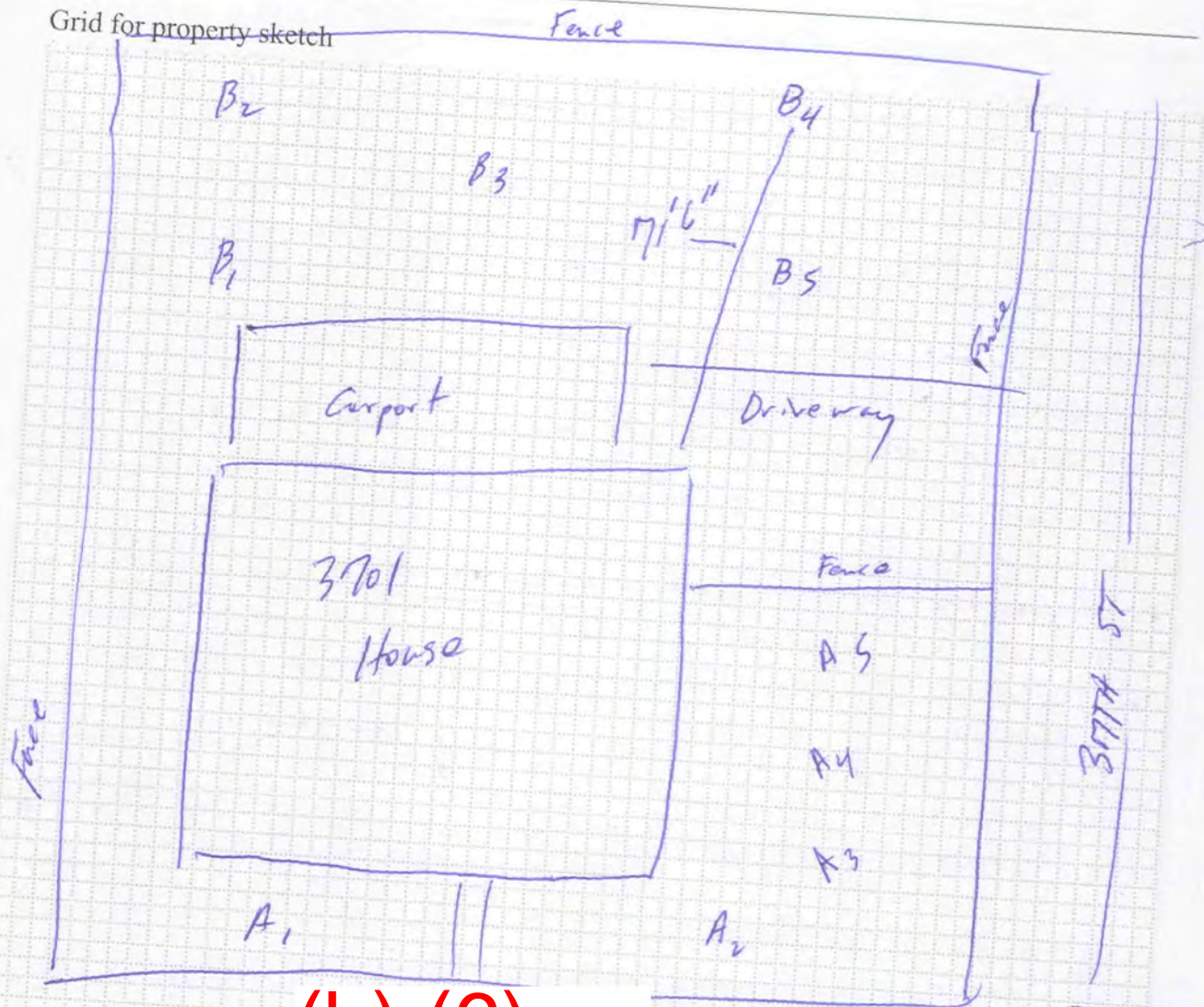
52°, Mostly Cloudy, wind N @ 6.9 mph

PROPERTY COMMENTS:

resident @ home. Split samples  
w/ 111

(b) (6)

Grid for property sketch



(b) (6)

ATS



STATION ID: HP0203A SAMPLE ID: HP0203A-CS-SP

SAMPLE COLLECTION TIME: 0851

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):  
front & side yard (closest to 37th st)

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0203A

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>18165</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56564760</u> N Longitude <u>86.79060035</u> W Media description: <u>dk brn clayey silt moist</u>
Aliquot #2: Latitude: <u>33.56565044</u> N Longitude <u>86.79066263</u> W Media description: <u>same as above</u>
Aliquot #3: Latitude: <u>33.56561065</u> N Longitude <u>86.79070097</u> W Media description: <u>same as above</u>
Aliquot #4: Latitude: <u>33.56556643</u> N Longitude <u>86.79070440</u> W Media description: <u>same as above</u>
Aliquot #5: Latitude: <u>33.56551425</u> N Longitude <u>86.79076049</u> W Media description: <u>same as above</u>

STATION ID: HP0203B SAMPLE ID: HP0203B-CS-SP

SAMPLE COLLECTION TIME: 0901

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>18165</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.56542029</u> N Longitude <u>86.79059088</u> W Media description: <u>orange tan clay moist</u>
Aliquot #2: Latitude: <u>33.56530651</u> N Longitude <u>86.79058739</u> W Media description: <u>same as above</u>
Aliquot #3: Latitude: <u>33.56536136</u> N Longitude <u>86.79062789</u> W Media description: <u>same as above</u>
Aliquot #4: Latitude: <u>33.56530002</u> N Longitude <u>86.79067339</u> W Media description: <u>orange brown silty clay</u>
Aliquot #5: Latitude: <u>33.56541882</u> N Longitude <u>86.79067365</u> W Media description: <u>brn silty clay</u>



ADDRESS: (b) (6)

PROPERTY ID: HP0198

DATE: 1/24/13

ARRIVAL TIME: 0911

Other pertinent information (weather conditions, etc.):

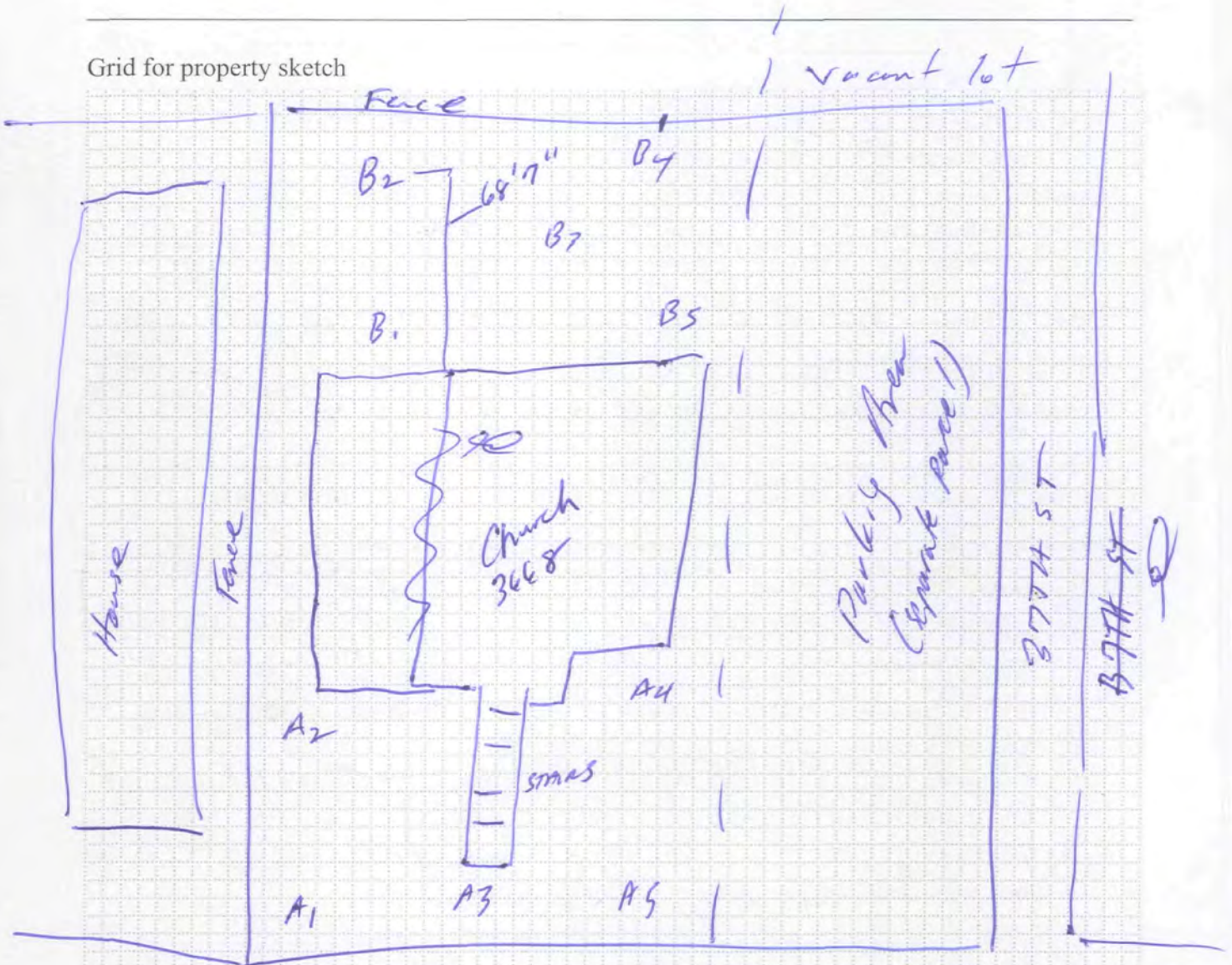
53°F, Partly cloudy, wind N @ 6

PROPERTY COMMENTS:

Cornerstone Apostolic Church

Parcel does not include parking area  
along 37TH ST.

Grid for property sketch



(b) (6)



STATION ID: HP0198A SAMPLE ID: HP0198A-CS-SP

SAMPLE COLLECTION TIME: 0926

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: HP0198A

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>18165</u>	Logged?	<input checked="" type="checkbox"/>	or N
Aliquot #1:	Latitude:	<u>33.56577735</u>	N Longitude	<u>86.79108090</u>	W	
	Media description:	<u>brn silt damp moist</u>				
Aliquot #2:	Latitude:	<u>33.56581349</u>	N Longitude	<u>86.79108358</u>	W	
	Media description:	<u>same as above</u>				
Aliquot #3:	Latitude:	<u>33.56577732</u>	N Longitude	<u>86.79102437</u>	W	
	Media description:	<u>same as above</u>				
Aliquot #4:	Latitude:	<u>33.56582113</u>	N Longitude	<u>86.790897819</u>	W	
	Media description:	<u>same as above</u>				
Aliquot #5:	Latitude:	<u>33.56577358</u>	N Longitude	<u>86.79099118</u>	W	
	Media description:	<u>same as above</u>				

STATION ID: HP0198B SAMPLE ID: HP0198B-CS-SP

SAMPLE COLLECTION TIME: 0937

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: HP0198B

GPS Coordinates:	Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>18165</u>	Logged?	<input checked="" type="checkbox"/>	or N
Aliquot #1:	Latitude:	<u>33.56597326</u>	N Longitude	<u>86.79106938</u>	W	
	Media description:	<u>dk brn silt moist</u>				
Aliquot #2:	Latitude:	<u>33.56612190</u>	N Longitude	<u>86.79104923</u>	W	
	Media description:	<u>same as above</u>				
Aliquot #3:	Latitude:	<u>33.56605666</u>	N Longitude	<u>86.79102047</u>	W	
	Media description:	<u>same as above</u>				
Aliquot #4:	Latitude:	<u>33.56612059</u>	N Longitude	<u>86.790898173</u>	W	
	Media description:	<u>same as above</u>				
Aliquot #5:	Latitude:	<u>33.56598800</u>	N Longitude	<u>86.79096307</u>	W	
	Media description:	<u>same as above</u>				



(b) (6)

ADDRESS: \_\_\_\_\_ PROPERTY ID: CV0531

DATE: 1/24/13 ARRIVAL TIME: 0950

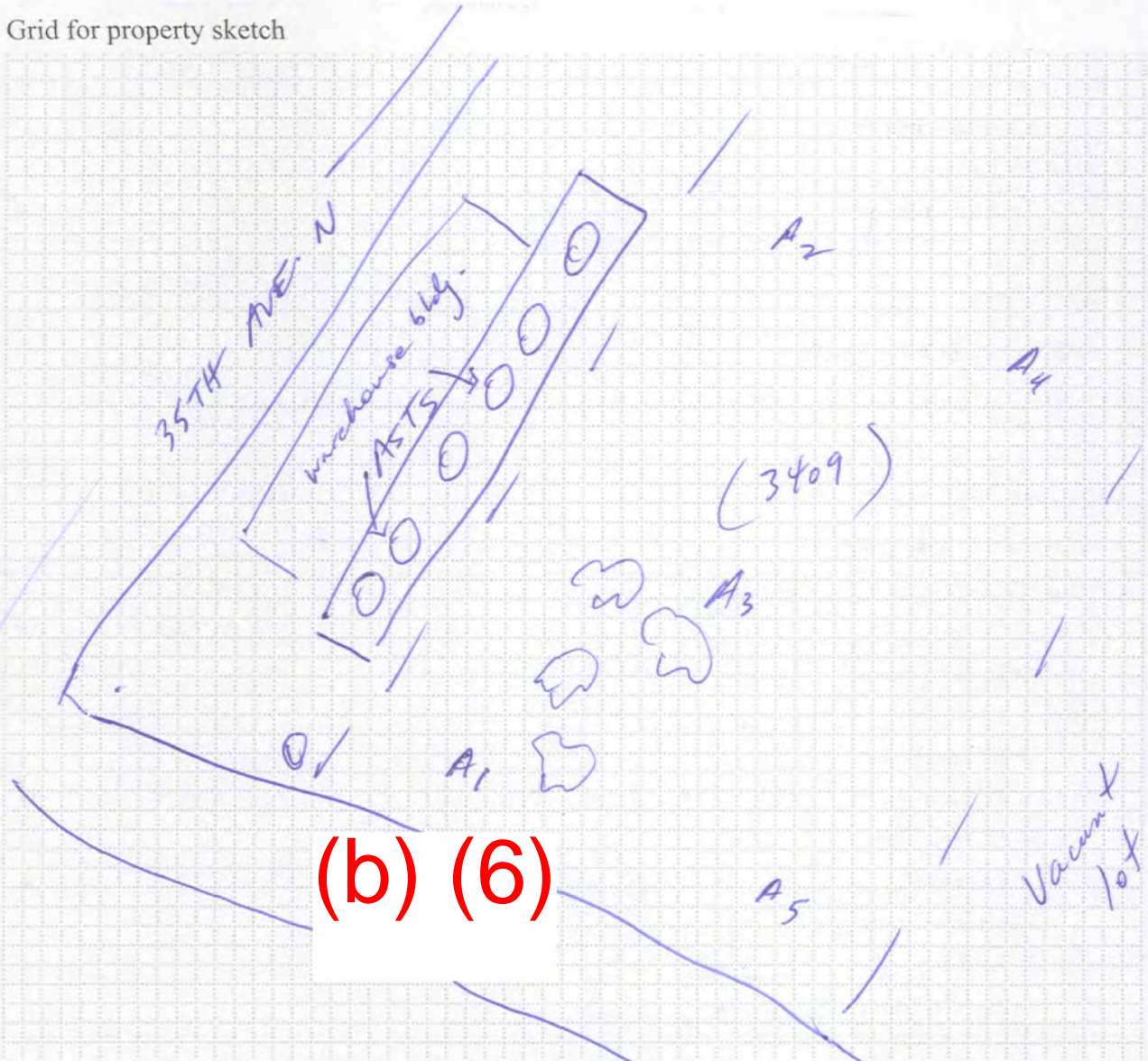
Other pertinent information (weather conditions, etc.):

53°F, Partly cloudy, wind N @ 5

PROPERTY COMMENTS:

Vacant lot southeast of 6 ASTS

Grid for property sketch



STATION ID: CV0531

SAMPLE ID: CV0531A-CS-SP

SAMPLE COLLECTION TIME: 1007

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

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>18165</u>		Logged? <input checked="" type="checkbox"/> or N	
Aliquot #1: Latitude: <u>33.56219223</u>	N Longitude: <u>86.79936289</u>	W	
Media description: <u>tan/orange clay silt</u>			
Aliquot #2 Latitude: <u>33.56236259</u>	N Longitude: <u>86.79917106</u>	W	
Media description: <u>4K silt w/ coal fragments</u>			
Aliquot #3: Latitude: <u>33.56224938</u>	N Longitude: <u>86.79921968</u>	W	
Media description: <u>same as above</u>			
Aliquot #4: Latitude: <u>33.56232230</u>	N Longitude: <u>86.79912592</u>	W	
Media description: <u>same as above</u>			
Aliquot #5: Latitude: <u>33.56212750</u>	N Longitude: <u>86.79929239</u>	W	
Media description: <u>same as above</u>			

STATION ID: \_\_\_\_\_ SAMPLE ID: \_\_\_\_\_

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 [ ] 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: (b) (6)

PROPERTY ID: CV0634

DATE: 1/24/13

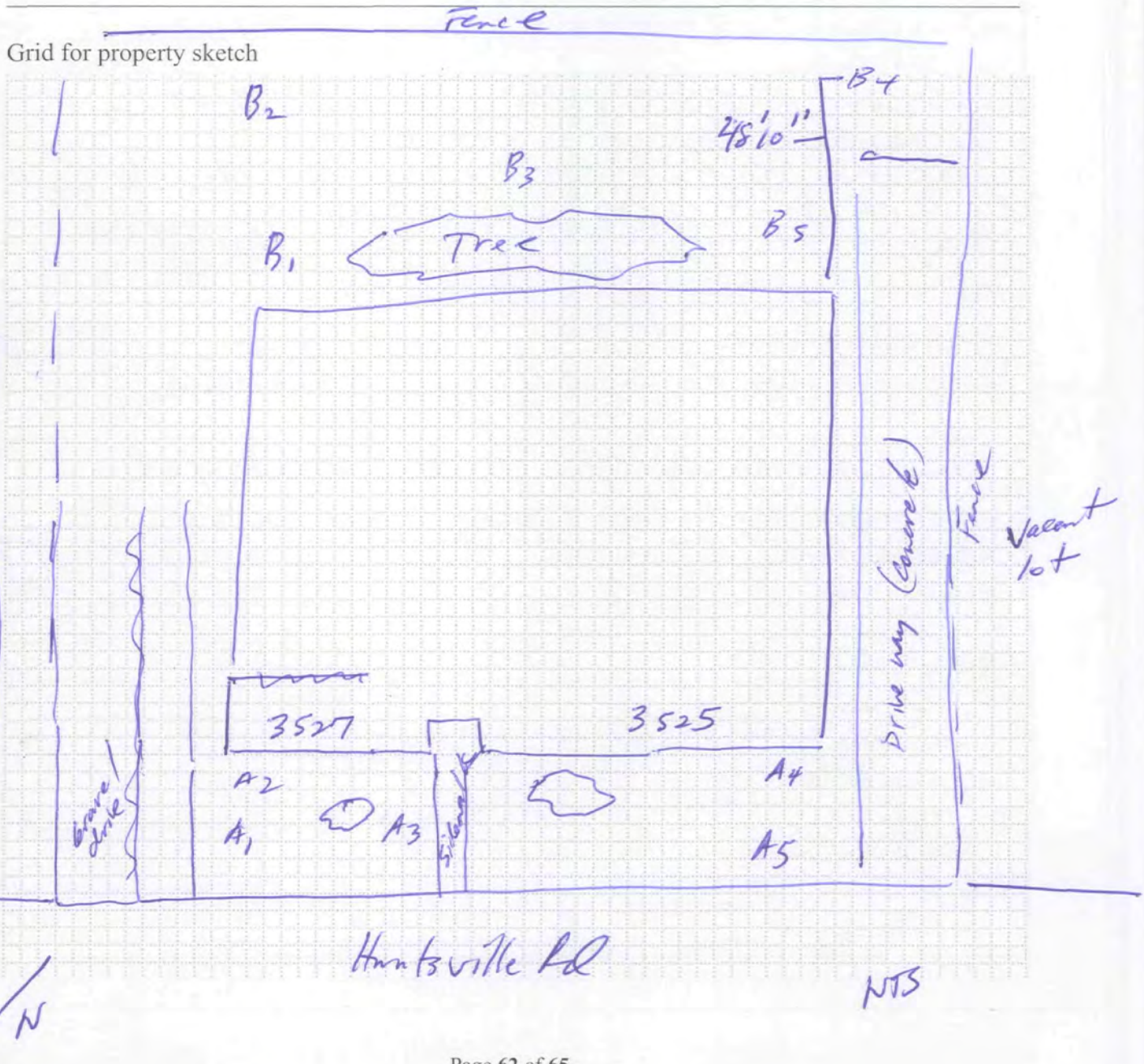
ARRIVAL TIME: 1019

Other pertinent information (weather conditions, etc.):

54°F, mostly sunny, wind N @ 0-5

PROPERTY COMMENTS:

Vacant residential duplex with addresses 3525 & 3527.





STATION ID: CV0634A SAMPLE ID: CV0634A-CS-SP

SAMPLE COLLECTION TIME: 1036

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: CV0634A

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>18165</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.55802130</u> N Longitude <u>86.80223333</u> W Media description: <u>dk silt w/ sand &amp; gravel + coal fragments</u>
Aliquot #2: Latitude: <u>33.55801073</u> N Longitude <u>86.80221381</u> W Media description: <u>same as previous above</u>
Aliquot #3: Latitude: <u>33.55798325</u> N Longitude <u>86.80224645</u> W Media description: <u>same as above</u>
Aliquot #4: Latitude: <u>33.55795974</u> N Longitude <u>86.80228202</u> W Media description: <u>same as above</u>
Aliquot #5: Latitude: <u>33.55797635</u> N Longitude <u>86.80230915</u> W Media description: <u>same as above</u>

STATION ID: CV0634B SAMPLE ID: CV0634B-CS-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: CV0634B

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>18165</u> Logged? <input checked="" type="checkbox"/> or N
Aliquot #1: Latitude: <u>33.55783561</u> N Longitude <u>86.80199685</u> W Media description: <u>dk brown silt to clayey silt w/ coal fragments</u>
Aliquot #2: Latitude: <u>33.55779009</u> N Longitude <u>86.80193748</u> W Media description: <u>same as above</u>
Aliquot #3: Latitude: <u>33.55779504</u> N Longitude <u>86.80198989</u> W Media description: <u>same as above</u>
Aliquot #4: Latitude: <u>33.55773132</u> N Longitude <u>86.80200994</u> W Media description: <u>same as above</u>
Aliquot #5: Latitude: <u>33.55780503</u> N Longitude <u>86.80207178</u> W Media description: <u>same as above</u>



ADDRESS: (b) (6)

DATE: 1/24/13

PROPERTY ID: CV0636

ARRIVAL TIME: 1145

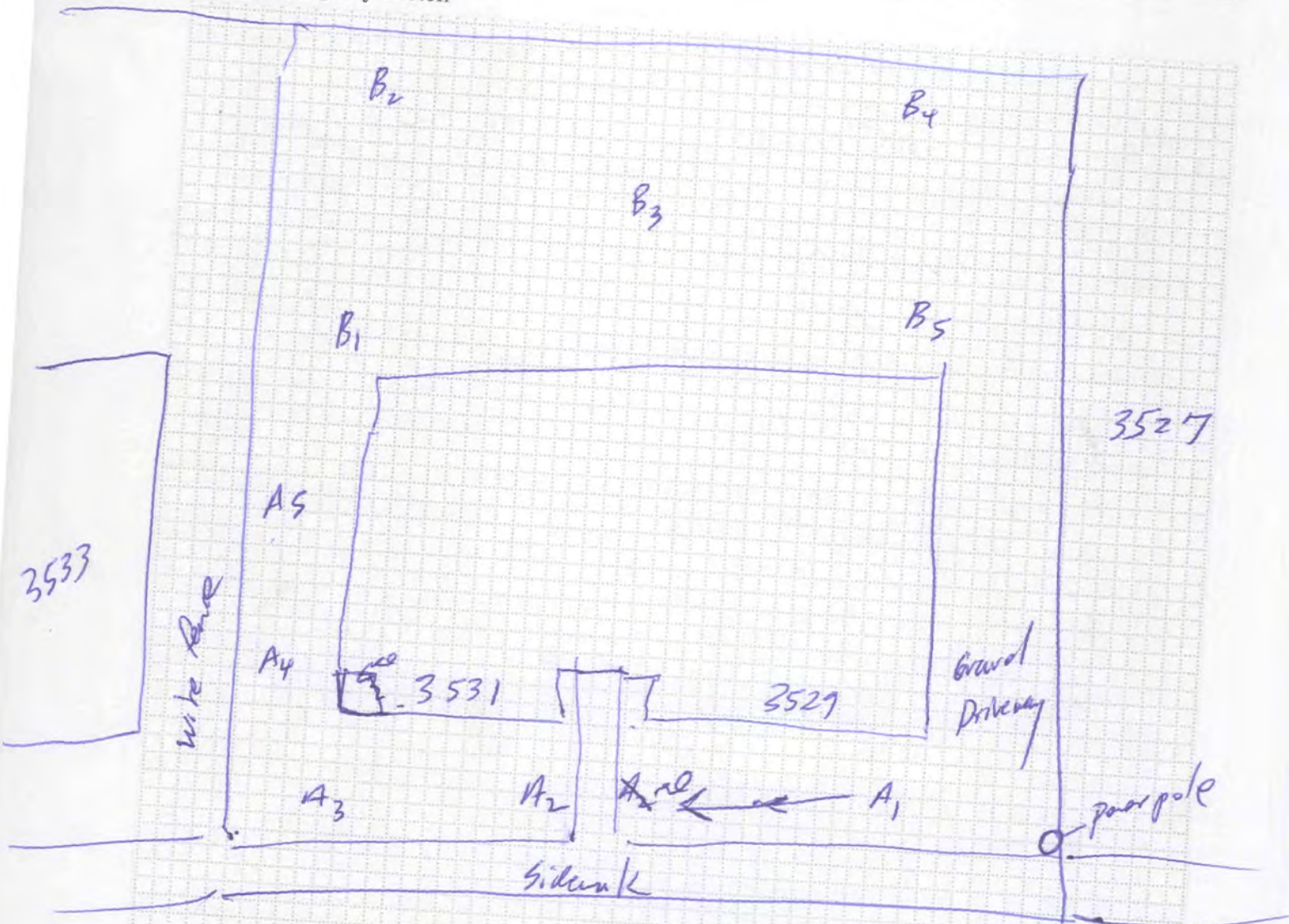
Other pertinent information (weather conditions, etc.):

57°F, mostly sunny, wind N. 5-10.

PROPERTY COMMENTS:

Vacant duplex residence (b) (6)

Grid for property sketch



(b) (6)



STATION ID: CV0636A SAMPLE ID: CV0636A-CS-SP

SAMPLE COLLECTION TIME: 1228

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

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0636A

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>1865</u> Logged? <u>Y</u> or N <u>80218742</u>
Aliquot #1: Latitude: <u>33.55807656</u> N Longitude <u>86.80765655</u> W Media description: <u>dk brn silt w/ coal fragments</u>
Aliquot #2: Latitude: <u>33.55809975</u> N Longitude <u>86.80216494</u> W Media description: <u>same as above</u>
Aliquot #3: Latitude: <u>33.55812596</u> N Longitude <u>86.80212780</u> W Media description: <u>same as above</u>
Aliquot #4: Latitude: <u>33.55812596</u> N Longitude <u>86.80209091</u> W Media description: <u>same as above</u>
Aliquot #5: Latitude: <u>33.55807240</u> N Longitude <u>86.80204370</u> W Media description: <u>same as above</u>

STATION ID: CV0636B SAMPLE ID: CV0636B-CS-SP

SAMPLE COLLECTION TIME: 12:41 (L.A. 02/01/13)

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: CV0636B

GPS Coordinates: Trimble [ <input checked="" type="checkbox"/> ] Instrument #: <u>18165</u> Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.55796352</u> N Longitude <u>86.80193092</u> W Media description: <u>dk brn silt w/ coal fragments</u>
Aliquot #2: Latitude: <u>33.55788489</u> N Longitude <u>86.80185036</u> W Media description: <u>same as above</u>
Aliquot #3: Latitude: <u>33.55792010</u> N Longitude <u>86.80191955</u> W Media description: <u>same as above</u>
Aliquot #4: Latitude: <u>33.55784861</u> N Longitude <u>86.80188438</u> W Media description: <u>same as above</u>
Aliquot #5: Latitude: <u>33.55792032</u> N Longitude <u>86.80196794</u> W Media description: <u>same as above</u>