

REDACTED

L300079

United States Environmental Protection Agency
Region 4



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

FIELD SAMPLING LOGBOOK

Book 1 of 1

Inclusive Dates: 5/20/13 - 5/24/13

List of Sampling Team in logbook:

Name	Initials	Organization/Duties
(b) (6)	AO	START AES, Team Leader
(b) (6)	OTIE	START 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 (SED) 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 $\leq$ $\frac{1}{4}$ -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 $\frac{1}{4}$ -acre in parcel lot size will be divided into $\frac{1}{4}$ -~~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 SED 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 SED 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.

This page intentionally left blank

4
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:

DATE:

5/20/13

PROPERTY ID:

CV1198

ARRIVAL TIME:

1302

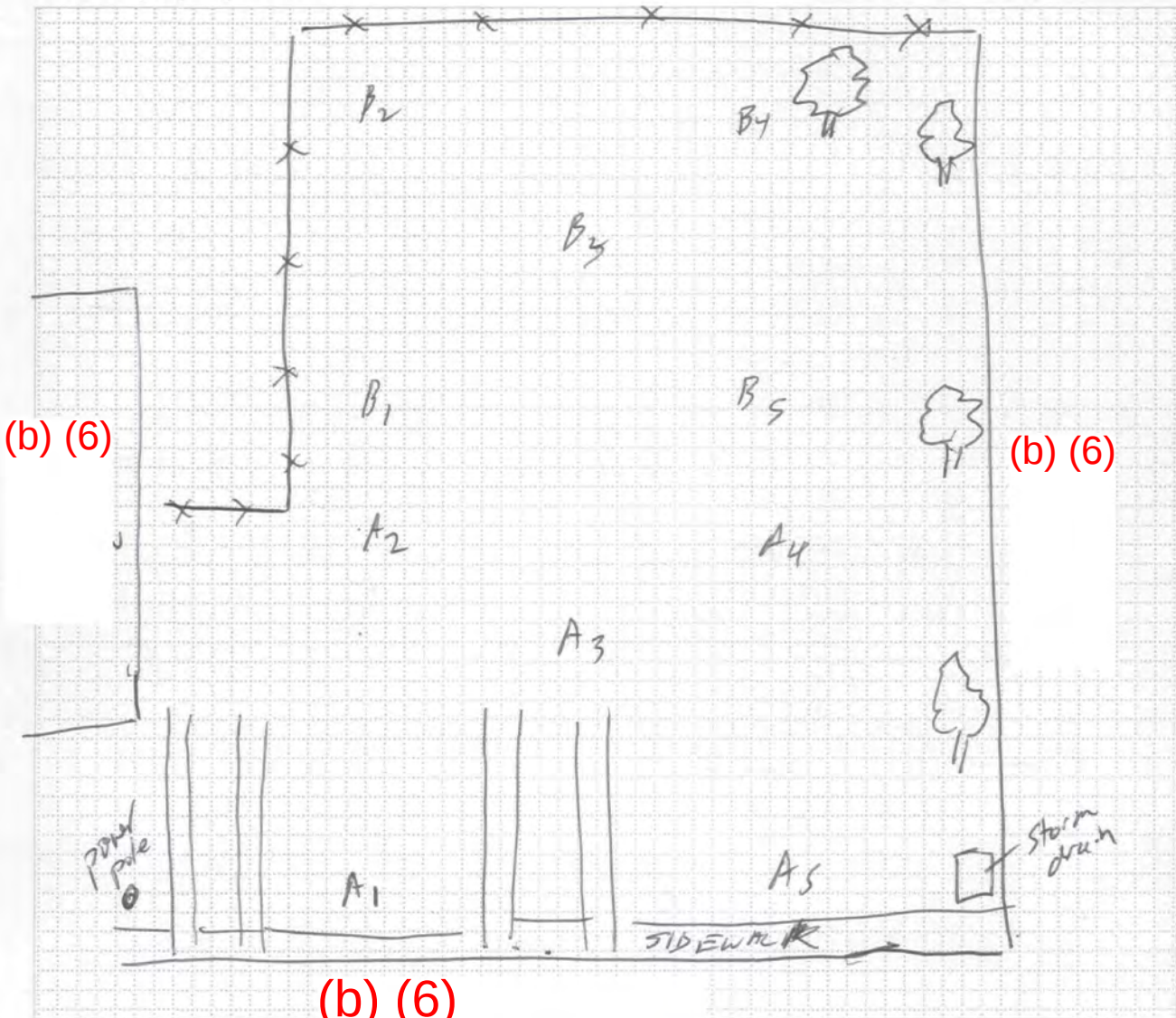
Other pertinent information (weather conditions, etc.):

90°F, Wind S@10MPH Partly Cloudy

PROPERTY COMMENTS:

Vacant lot adjoining 3105 29TH AVE N
Split samples w/ C. Triano (Goodwin Mills
Caywood [GMC]).

Grid for property sketch



STATION ID: CV1198A SAMPLE ID: CV1198A-CS-SP

SAMPLE COLLECTION TIME: 1318

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: CV1198A

GPS Coordinates: Trimble ☒ Instrument #: <u>16144</u>		Logged? ☒ or N	
Aliquot #1: Latitude: <u>33.55201679</u>	N Longitude: <u>86.80460052</u>	W	
Media description: <u>dk brown silty clay w/ coal frags. dry</u>			
Aliquot #2: Latitude: <u>33.55182522</u>	N Longitude: <u>86.80461138</u>	W	
Media description: <u>dk brown silty clay dry</u>			
Aliquot #3: Latitude: <u>33.55191663</u>	N Longitude: <u>86.80464031</u>	W	
Media description: <u>orange clay dry</u>			
Aliquot #4: Latitude: <u>33.55184837</u>	N Longitude: <u>86.80470811</u>	W	
Media description: <u>Same as #3</u>			
Aliquot #5: Latitude: <u>33.55201780</u>	N Longitude: <u>86.80468925</u>	W	
Media description: <u>Same as #2</u>			

STATION ID: CV1198B SAMPLE ID: CV1198B-CS-SP

SAMPLE COLLECTION TIME: 1330

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: CV1198B

GPS Coordinates: Trimble ☒ Instrument #: <u>16144</u>		Logged? ☒ or N	
Aliquot #1: Latitude: <u>33.55180591</u>	N Longitude: <u>86.80461297</u>	W	
Media description: <u>brown silty clay dry</u>			
Aliquot #2: Latitude: <u>33.55172519</u>	N Longitude: <u>86.80461941</u>	W	
Media description: <u>Same as #1 w/ coal frags dry</u>			
Aliquot #3: Latitude: <u>33.55175071</u>	N Longitude: <u>86.80465660</u>	W	
Media description: <u>Same as #2</u>			
Aliquot #4: Latitude: <u>33.55170816</u>	N Longitude: <u>86.80470598</u>	W	
Media description: <u>Same as #2</u>			
Aliquot #5: Latitude: <u>33.55182792</u>	N Longitude: <u>86.80471004</u>	W	
Media description: <u>orange clay dry</u>			

(b) (6)

ADDRESS: _____ PROPERTY ID: CV0287

DATE: 5/20/13 ARRIVAL TIME: 1405

Other pertinent information (weather conditions, etc.):

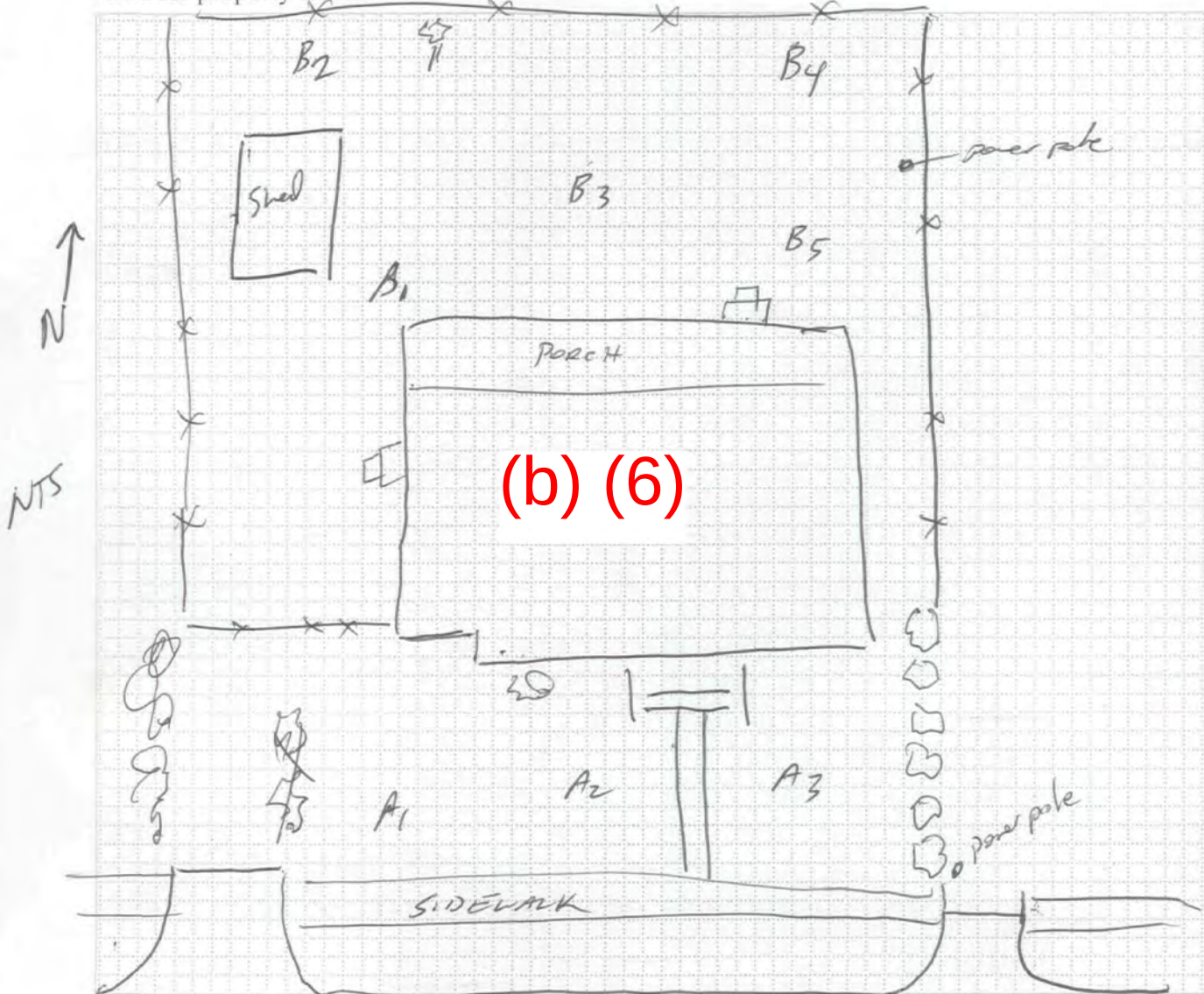
Resident Same as previous

PROPERTY COMMENTS:

Resident @ home. Resident states she is moving.

Split samples w/ C. Troiano (Gmc).

Grid for property sketch



(b) (6)

STATION ID: CV0287A SAMPLE ID: CV0287A-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: CV0287A

GPS Coordinates: Trimble ☒ Instrument #: <u>16144</u>		Logged? ☒ or N	
Aliquot #1: Latitude: <u>33.55558450</u>	N Longitude: <u>86.80347624</u>	W	
Media description: <u>brown silty clay</u>			
Aliquot #2: Latitude: <u>33.55558301</u>	N Longitude: <u>86.80343123</u>	W	
Media description: <u>same as #1</u>			
Aliquot #3: Latitude: <u>33.55558941</u>	N Longitude: <u>86.80338782</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: CV0287B SAMPLE ID: CV0287B-CS-SP

SAMPLE COLLECTION TIME: 1429

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: CV0287B

GPS Coordinates: Trimble ☒ Instrument #: <u>16144</u>		Logged? ☒ or N	
Aliquot #1: Latitude: <u>33.55577717</u>	N Longitude: <u>86.80344670</u>	W	
Media description: <u>5 brown silty clay w/ s/kg d coal frags dry</u>			
Aliquot #2: Latitude: <u>33.55588711</u>	N Longitude: <u>86.80346281</u>	W	
Media description: <u>brown silty clay dry</u>			
Aliquot #3: Latitude: <u>33.55582191</u>	N Longitude: <u>86.80341552</u>	W	
Media description: <u>same as #1</u>			
Aliquot #4: Latitude: <u>33.55590868</u>	N Longitude: <u>86.80339122</u>	W	
Media description: <u>same as #2</u>			
Aliquot #5: Latitude: <u>33.5576706</u>	N Longitude: <u>86.80338061</u>	W	
Media description: <u>same as #2</u>			

(b) (6)

ADDRESS: _____ PROPERTY ID: 00182

DATE: 5/20/13 ARRIVAL TIME: 1445

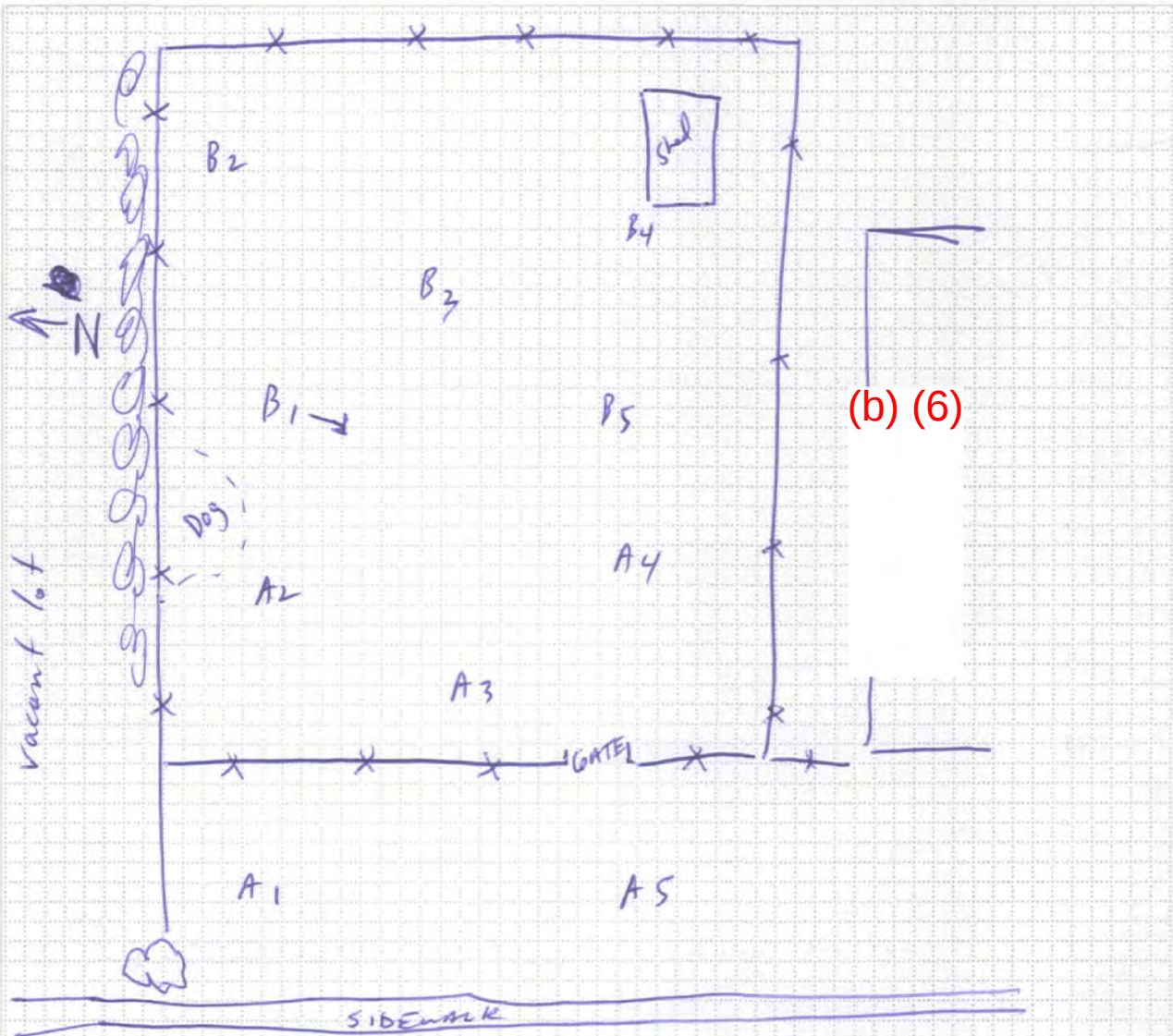
Other pertinent information (weather conditions, etc.):

87°F, Wind S @ 6 MPH cloudy

PROPERTY COMMENTS:

Vacant lot adjoining 3415 31st way N.
Split samples w/ C. Troiano (GMC)

Grid for property sketch



(b) (6)

STATION ID: CV0182A SAMPLE ID: CV0182A-CS-SP

SAMPLE COLLECTION TIME: 1503

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 #: 16144 Logged? ☒ or N

Aliquot #1: Latitude: 33.55904069 N Longitude 86.80395990 W
Media description: brown silty clay dry

Aliquot #2: Latitude: 33.55903539 N Longitude 86.80382583 W
Media description: Same as #1

Aliquot #3: Latitude: 33.55899484 N Longitude 86.80387901 W
Media description: Same as #1

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

Aliquot #5: Latitude: 33.55895938 N Longitude 86.80396207 W
Media description: Same as #1

STATION ID: CV0182B SAMPLE ID: CV0182B-CS-SP

SAMPLE COLLECTION TIME: 1518

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: CV0182B

GPS Coordinates: Trimble ☒ Instrument #: 16144 Logged? ☒ or N

Aliquot #1: Latitude: 33.55901103 N Longitude 86.80377029 W
Media description: brown silty clay dry

Aliquot #2: Latitude: 33.55904061 N Longitude 86.80367160 W
Media description: Same as #1

Aliquot #3: Latitude: 33.55900631 N Longitude 86.80372396 W
Media description: Same as #1

Aliquot #4: Latitude: 33.55896238 N Longitude 86.80368847 W
Media description: Same as #1

Aliquot #5: Latitude: 33.55895658 N Longitude 86.80376007 W
Media description: Same as #1

(b) (6)

ADDRESS:

PROPERTY ID:

CV0729

DATE:

5/21/13

ARRIVAL TIME:

0840

Other pertinent information (weather conditions, etc.):

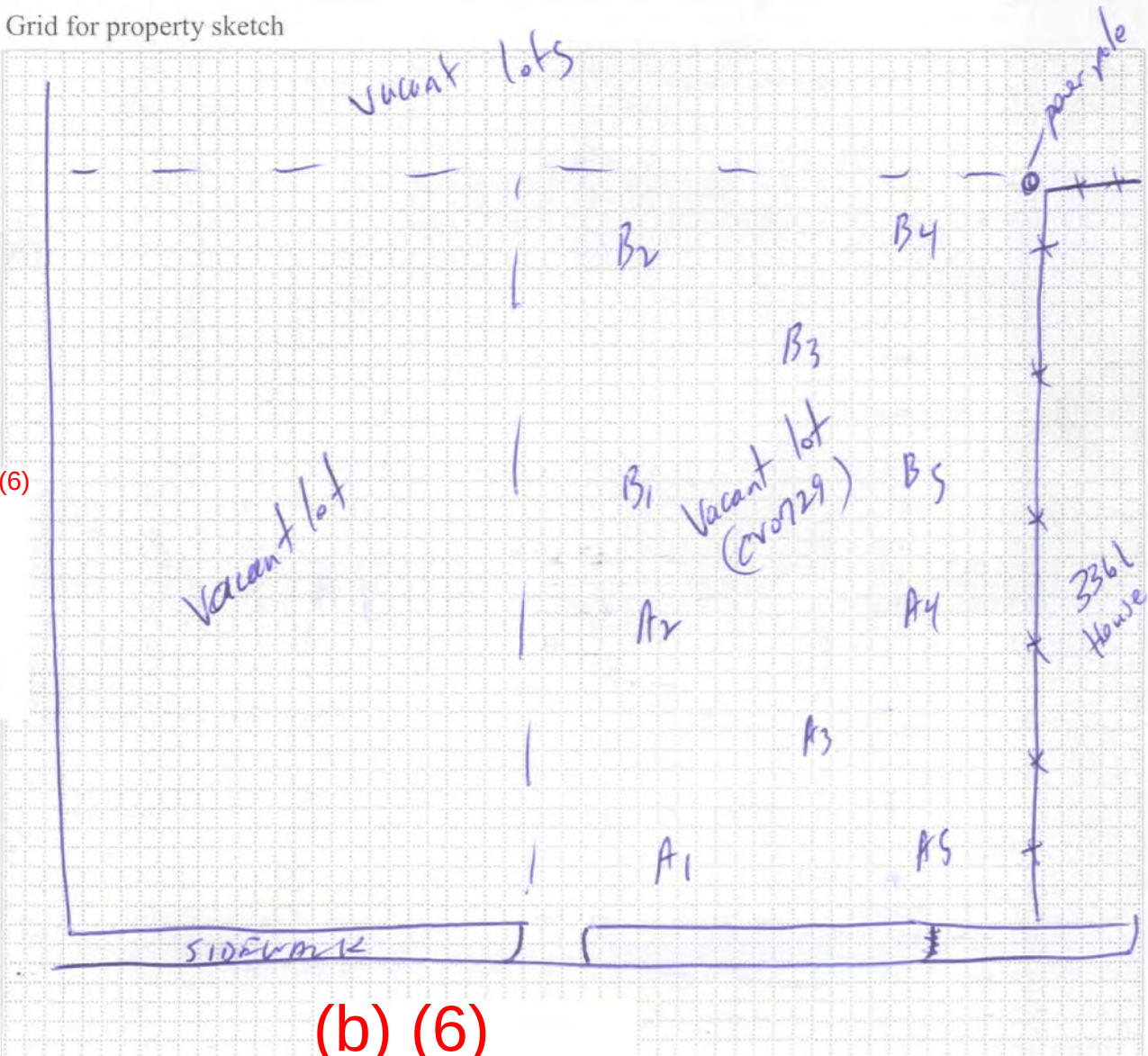
77°F, Sunny, wind calm

PROPERTY COMMENTS:

Vacant lot to north of 3361 31st St N.

Split samples w/ C. Troiano (CNC)

Grid for property sketch



STATION ID: CV0729A SAMPLE ID: CV0729A-CS-SP

SAMPLE COLLECTION TIME: 0907

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

West 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: CV0729A

GPS Coordinates:	Trimble ☒ Instrument #:	<u>16144</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.55795996</u>	N Longitude	<u>86.80572524</u> W
	Media description:	<u>reddish brown silty clay w/ coal frags. dry</u>		
Aliquot #2:	Latitude:	<u>33.55795467</u>	N Longitude	<u>86.80560743</u> W
	Media description:	<u>reddish brown silty clay dry</u>		
Aliquot #3:	Latitude:	<u>33.55791830</u>	N Longitude	<u>86.80566904</u> W
	Media description:	<u>same as #1</u>		
Aliquot #4:	Latitude:	<u>33.55789225</u>	N Longitude	<u>86.80560238</u> W
	Media description:	<u>same as #2</u>		
Aliquot #5:	Latitude:	<u>33.55789558</u>	N Longitude	<u>86.80571889</u> W
	Media description:	<u>same as #1</u>		

STATION ID: CV0729B SAMPLE ID: CV0729B-CS-SP

SAMPLE COLLECTION TIME: 0924

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

East 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: CV0729B

GPS Coordinates:	Trimble ☒ Instrument #:	<u>16144</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.55795058</u>	N Longitude	<u>86.80554032</u> W
	Media description:	<u>dk brown silty clay w/ coal frags. dry</u>		
Aliquot #2:	Latitude:	<u>33.55795799</u>	N Longitude	<u>86.80544108</u> W
	Media description:	<u>same as #1</u>		
Aliquot #3:	Latitude:	<u>33.55792217</u>	N Longitude	<u>86.80549443</u> W
	Media description:	<u>tan/orange clay dry</u>		
Aliquot #4:	Latitude:	<u>33.55789707</u>	N Longitude	<u>86.80542339</u> W
	Media description:	<u>same as #3</u>		
Aliquot #5:	Latitude:	<u>33.55789192</u>	N Longitude	<u>86.80555082</u> W
	Media description:	<u>brown silty clay dry</u>		

(b) (6)

ADDRESS

PROPERTY ID: CV0525

DATE:

5/21/13

ARRIVAL TIME:

0935

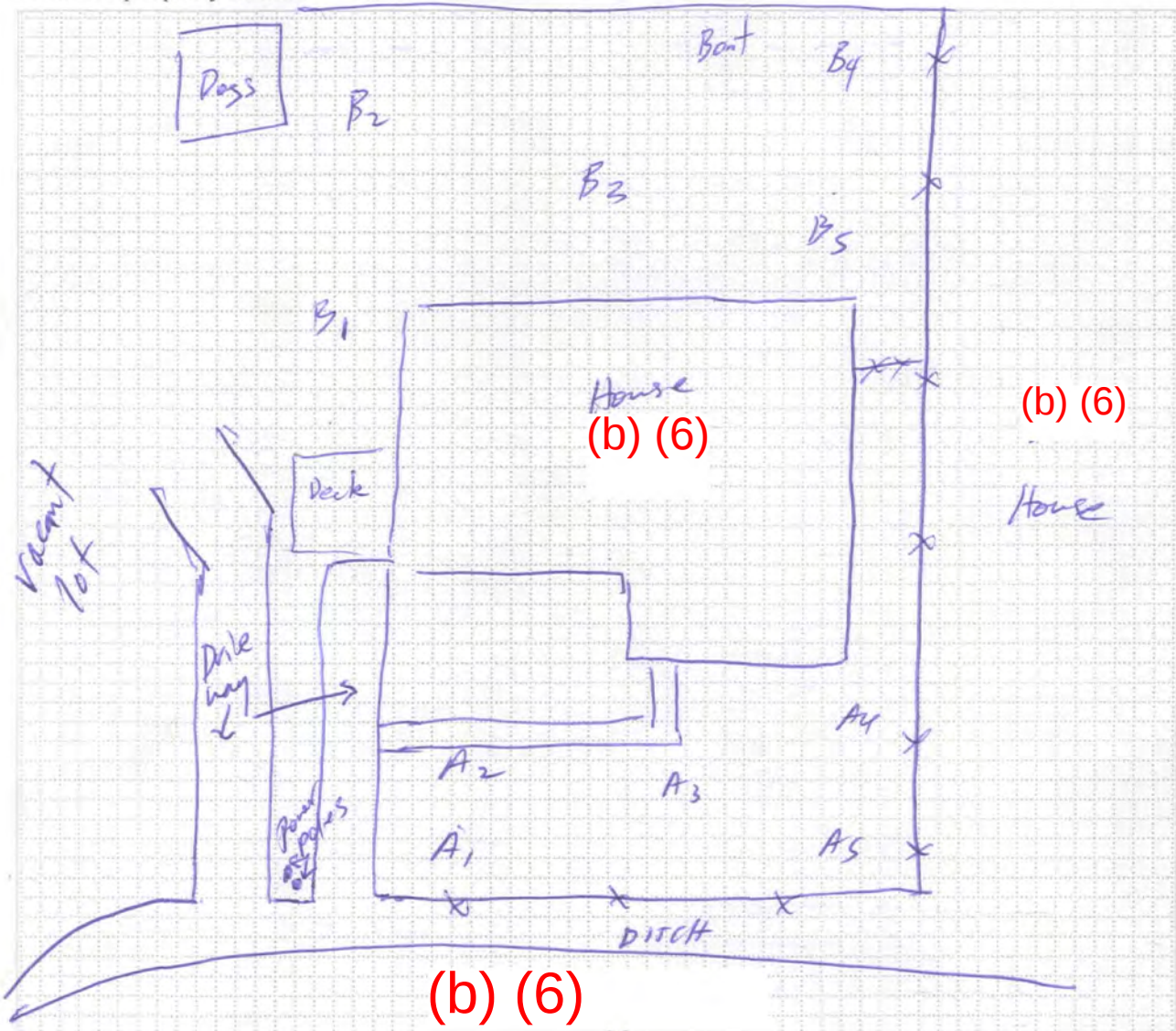
Other pertinent information (weather conditions, etc.):

78°F, wind calm, sunny

PROPERTY COMMENTS:

Resident @ home. Split samples w/ C. Proano
(cmc)

Grid for property sketch



STATION ID: CV0525A SAMPLE ID: CV0525A-CS-SD

SAMPLE COLLECTION TIME: 0951

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: CV0525A

GPS Coordinates:	Trimble ☒	Instrument #:	<u>16144</u>	Logged?	☒ or N
Aliquot #1:	Latitude:	<u>33.56024883</u>	N Longitude	<u>86.80565997</u>	W
	Media description:	<u>dk brun silty clay dry</u>			
Aliquot #2:	Latitude:	<u>33.56030145</u>	N Longitude	<u>86.80567020</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #3:	Latitude:	<u>33.56029095</u>	N Longitude	<u>86.80561325</u>	W
	Media description:	<u>Same as #1 w/ coal Raggs</u>			
Aliquot #4:	Latitude:	<u>33.56031198</u>	N Longitude	<u>86.80558109</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #5:	Latitude:	<u>33.56025449</u>	N Longitude	<u>86.80559468</u>	W
	Media description:	<u>Same as #1</u>			

STATION ID: CV0525B SAMPLE ID: CV0525B-CS-SP

SAMPLE COLLECTION TIME: 1005

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

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0525B

GPS Coordinates:	Trimble ☒	Instrument #:	<u>16144</u>	Logged?	☒ or N
Aliquot #1:	Latitude:	<u>33.56049353</u>	N Longitude	<u>86.80570281</u>	W
	Media description:	<u>dk brun silty clay dry</u>			
Aliquot #2:	Latitude:	<u>33.56054670</u>	N Longitude	<u>86.80572996</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #3:	Latitude:	<u>33.56053994</u>	N Longitude	<u>86.80563078</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #4:	Latitude:	<u>33.56057417</u>	N Longitude	<u>86.80558577</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #5:	Latitude:	<u>33.56051637</u>	N Longitude	<u>86.80558740</u>	W
	Media description:	<u>Same as #1</u>			

ADDRESS: **(b) (6)** PROPERTY ID: CV1016

DATE: 5/21/13 ARRIVAL TIME: 1035

Other pertinent information (weather conditions, etc.):

85°F, Sunny, wind ESE @ 10 mph

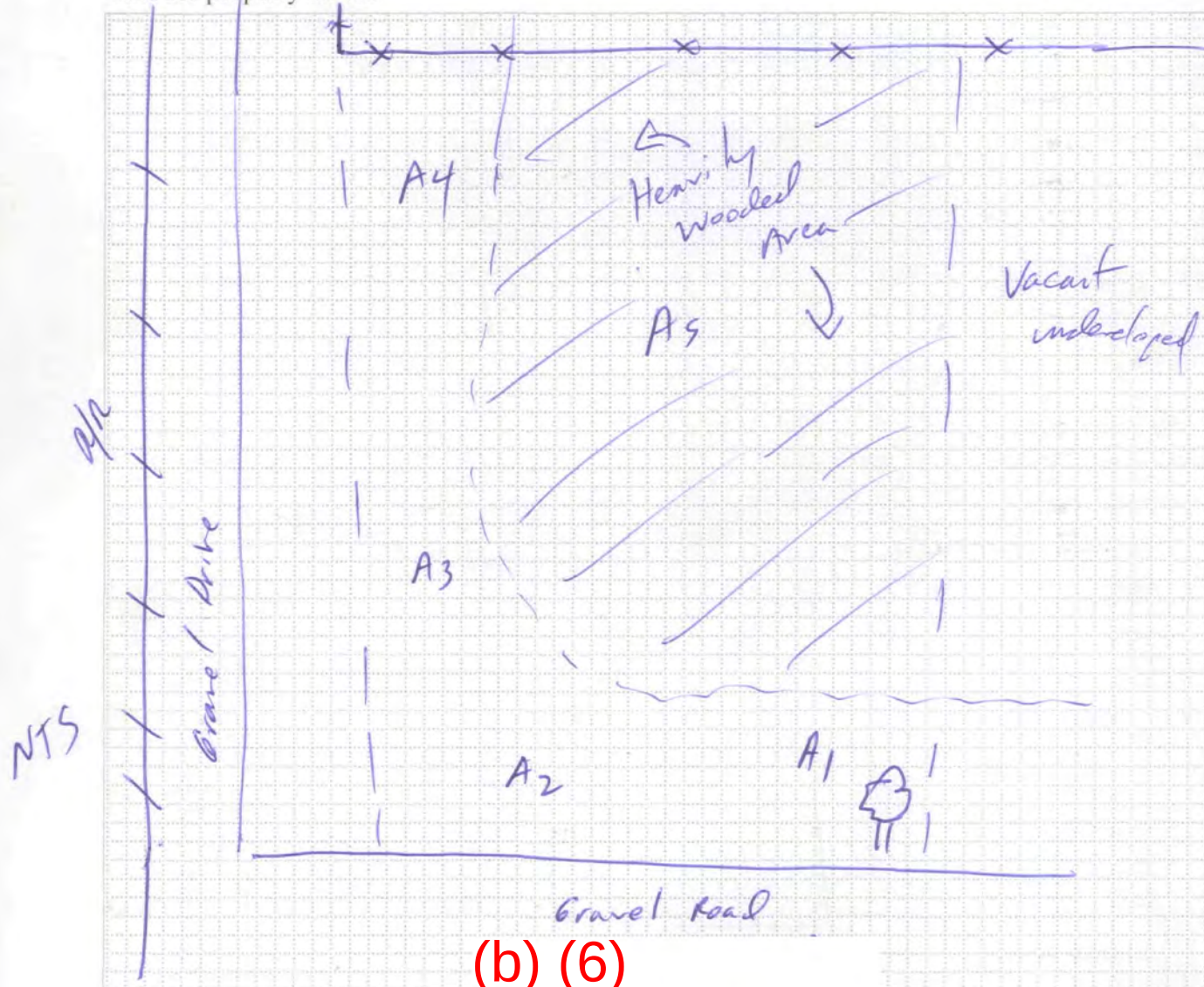
PROPERTY COMMENTS:

vacant, undeveloped lot. Split samples w/

(b) (6)

6mc).

Grid for property sketch



Wood Pallet Industry

STATION ID: CV1016A SAMPLE ID: CV1016A-CS-SP

SAMPLE COLLECTION TIME: 1058

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

entire 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: CV1016A

GPS Coordinates: Trimble [☒] Instrument #: <u>16144</u> Logged? ☒ or N	
Aliquot #1: Latitude: <u>33.55021166</u> N Longitude <u>86.81153978</u> W	
Media description: <u>dk brn silty clay dry</u>	
Aliquot #2 Latitude: <u>33.55023233</u> N Longitude <u>86.81162677</u> W	
Media description: <u>Same as #1</u>	
Aliquot #3: Latitude: <u>33.55033847</u> N Longitude <u>86.81166971</u> W	
Media description: <u>Same as #1</u>	
Aliquot #4: Latitude: <u>33.55040309</u> N Longitude <u>86.81166815</u> W	
Media description: <u>orange clay dry</u>	
Aliquot #5: Latitude: <u>33.55033938</u> N Longitude <u>86.81157270</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 [] 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: CV1189

DATE: 5/21/13

ARRIVAL TIME: 1245

Other pertinent information (weather conditions, etc.):

85°F, sunny, wind SE @ 5 MPH

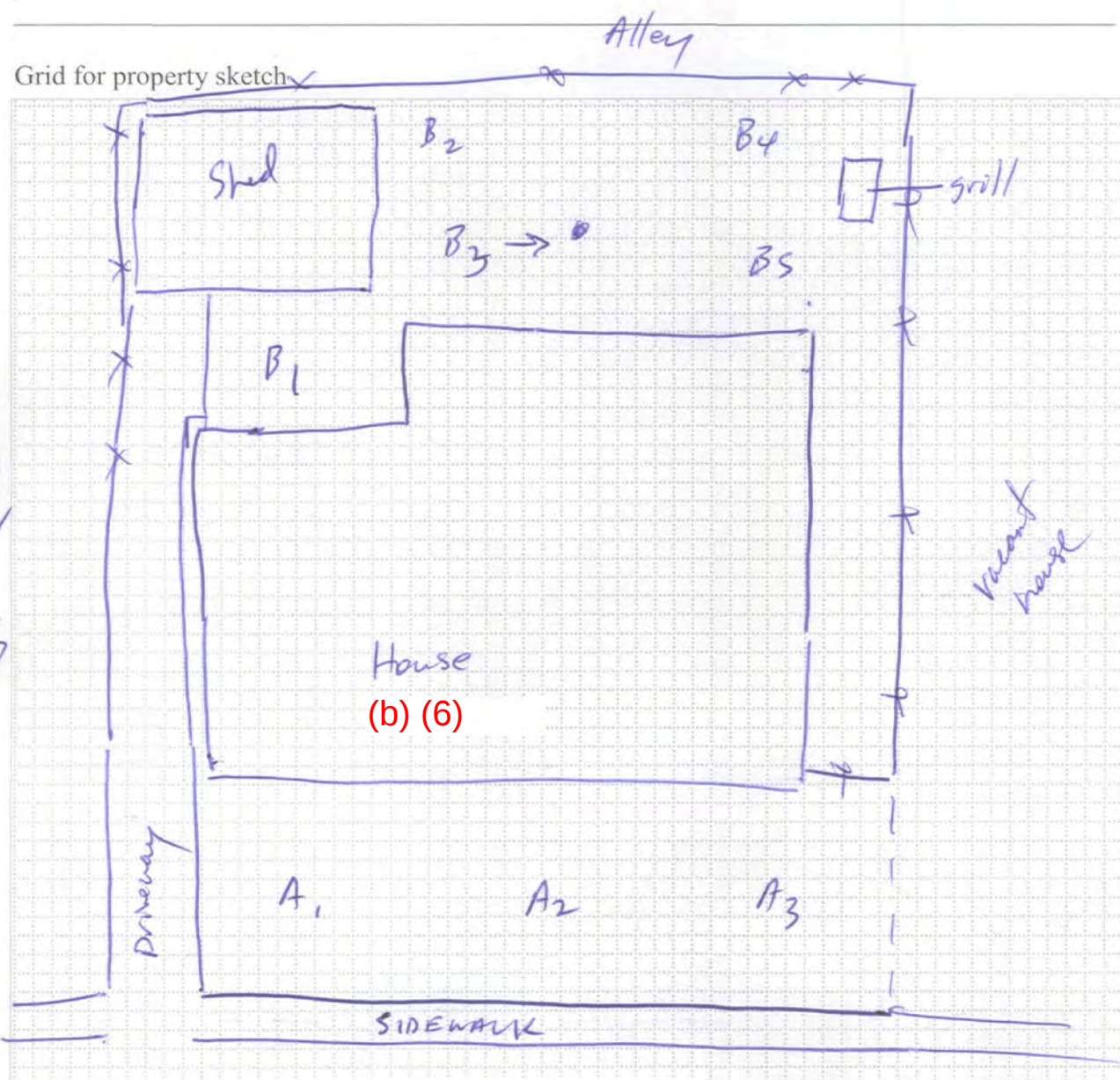
PROPERTY COMMENTS:

No resident @ home. Split samples w/

(b) (6)

(GMC)

Grid for property sketch



(b) (6)

STATION ID: CV1189A SAMPLE ID: CV1189A-CS-SP

SAMPLE COLLECTION TIME: 1303

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: CV1189A

GPS Coordinates: Trimble ☒ Instrument #: <u>16144</u>		Logged? <u>Y</u> or N	
Aliquot #1: Latitude: <u>33.55100987</u>	N Longitude <u>86.79679692</u>	W	
Media description: <u>brown silty clay w/ coal frags. dry</u>			
Aliquot #2: Latitude: <u>33.55099769</u>	N Longitude <u>86.79685357</u>	W	
Media description: <u>same as #1</u>			
Aliquot #3: Latitude: <u>33.55099705</u>	N Longitude <u>86.79688964</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: CV1189B SAMPLE ID: CV1189B-CS-SP

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: CV1189B

GPS Coordinates: Trimble ☒ Instrument #: <u>16144</u>		Logged? <u>Y</u> or N	
Aliquot #1: Latitude: <u>33.55078623</u>	N Longitude <u>86.79680512</u>	W	
Media description: <u>reddish brown silty clay w/ gravel dry</u>			
Aliquot #2: Latitude: <u>33.55072478</u>	N Longitude <u>86.79682836</u>	W	
Media description: <u>same as #1</u>			
Aliquot #3: Latitude: <u>33.55075045</u>	N Longitude <u>86.79684020</u>	W	
Media description: <u>same as #1</u>			
Aliquot #4: Latitude: <u>33.55076482</u>	N Longitude <u>86.79688562</u>	W	
Media description: <u>same as #1</u>			
Aliquot #5: Latitude: <u>33.55076944</u>	N Longitude <u>86.79686448</u>	W	
Media description: <u>same as #1</u>			

ADDRESS: (b) (6)

PROPERTY ID: CV0828

DATE: 5/21/13

ARRIVAL TIME:

Other pertinent information (weather conditions, etc.):

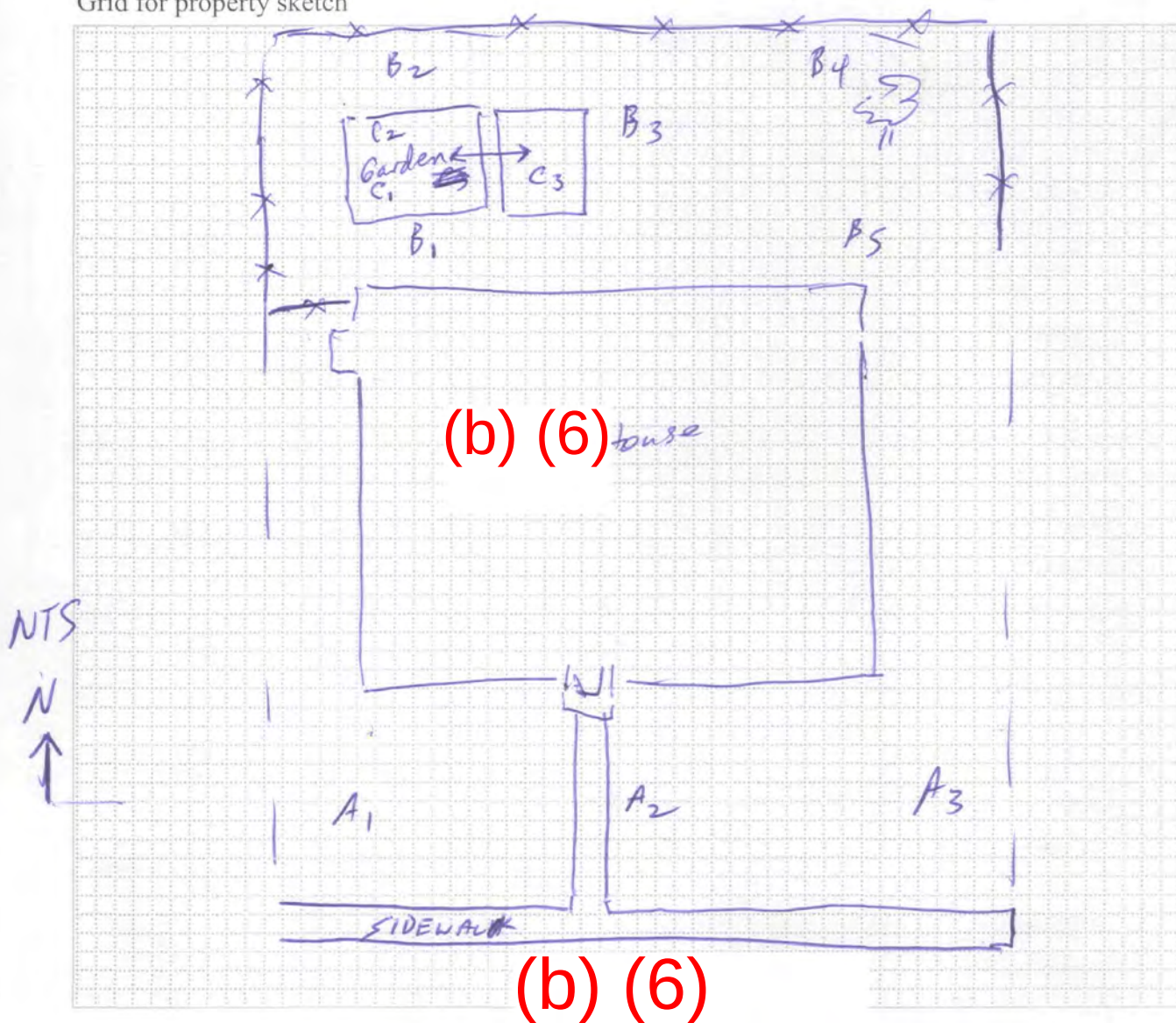
89°F, sunny, wind SE @ 5 mph

PROPERTY COMMENTS:

resident @ home.

Split samples w/ (b) (6) (conc)

Grid for property sketch



STATION ID: CV08281A SAMPLE ID: CV08281A-CS-SP

SAMPLE COLLECTION TIME: 1343

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: CV08281A

GPS Coordinates: Trimble ☒ Instrument #: <u>16144</u>		Logged? <u>Y</u> or N	
Aliquot #1: Latitude: <u>33.55369393</u>	N Longitude: <u>86.79728030</u>	W	
Media description: <u>dk brun silty clay dry</u>			
Aliquot #2 Latitude: <u>33.55369548</u>	N Longitude: <u>86.79717822</u>	W	
Media description: <u>Same as #1</u>			
Aliquot #3: Latitude: <u>33.55368902</u>	N Longitude: <u>86.79714597</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: CV08281B SAMPLE ID: CV08281B-CS-SP

SAMPLE COLLECTION TIME: 1402

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: CV08281B

GPS Coordinates: Trimble ☒ Instrument #: <u>16144</u>		Logged? <u>Y</u> or N	
Aliquot #1: Latitude: <u>33.55386473</u>	N Longitude: <u>86.79725030</u>	W	
Media description: <u>dk brun silty clay w/ coal frags dry</u>			
Aliquot #2 Latitude: <u>33.55393928</u>	N Longitude: <u>86.79727626</u>	W	
Media description: <u>353 dk brun silty clay dry</u>			
Aliquot #3: Latitude: <u>33.55389458</u>	N Longitude: <u>86.79723830</u>	W	
Media description: <u>Same as #2</u>			
Aliquot #4: Latitude: <u>33.55396304</u>	N Longitude: <u>86.79716697</u>	W	
Media description: <u>Same as #1</u>			
Aliquot #5: Latitude: <u>33.55387110</u>	N Longitude: <u>86.79714812</u>	W	
Media description: <u>Same as #2</u>			

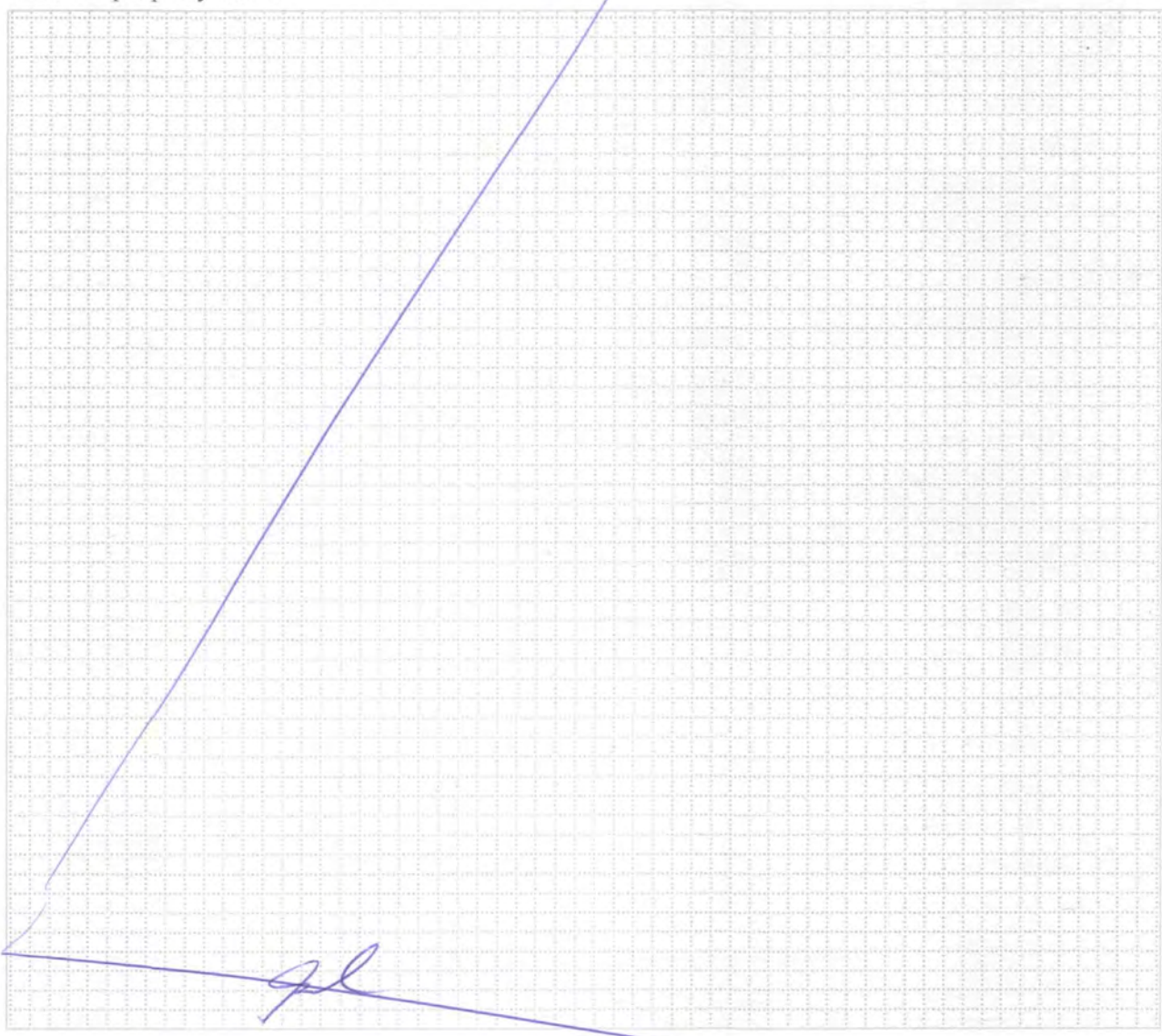
ADDRESS: SEE PG 20 PROPERTY ID:

DATE: ARRIVAL TIME:

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0828C SAMPLE ID: CV0828C-CS-SP

SAMPLE COLLECTION TIME: 1355

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

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0828C

GPS Coordinates: Trimble ☒ Instrument #: <u>16144</u>		Logged? ☒ or N	
Aliquot #1: Latitude: <u>33.55389015</u>	N Longitude: <u>86.79725312</u>	W	
Media description: <u>103 dk brn silt w/ coal frags dry</u>			
Aliquot #2 Latitude: <u>33.55390769</u>	N Longitude: <u>86.79725509</u>	W	
Media description: <u>Same as #1</u>			
Aliquot #3: Latitude: <u>33.55389958</u>	N Longitude: <u>86.79723830</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: _____			

(b) (6)

ADDRESS: _____

PROPERTY ID: CV0838

DATE: _____

5/21/13

ARRIVAL TIME: _____

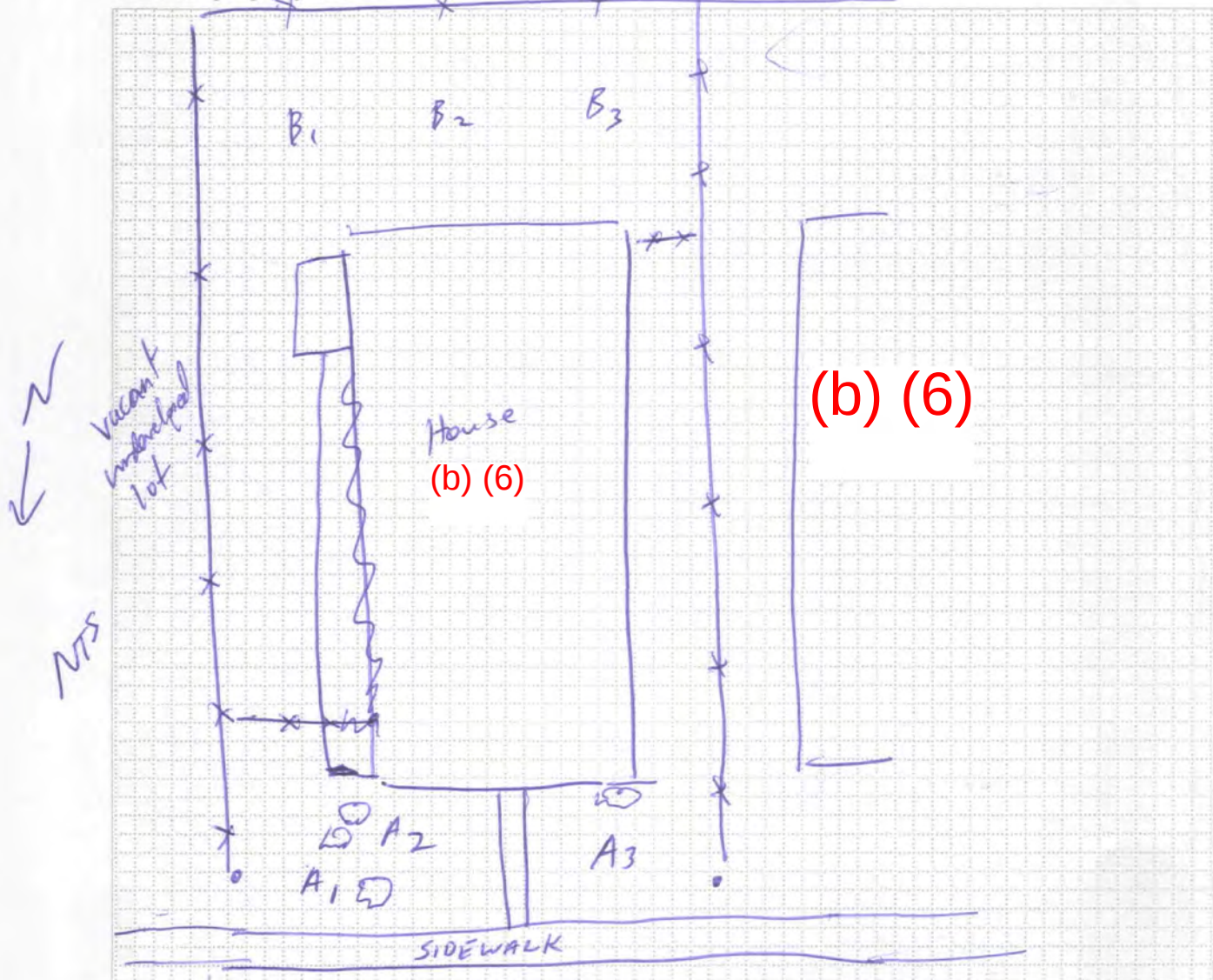
1415

Other pertinent information (weather conditions, etc.):

88°F, Partly cloudy, wind SE 5 mph

PROPERTY COMMENTS:

Grid for property sketch



(b) (6)

STATION ID: CV0838A SAMPLE ID: CV0838A-CS-SD

SAMPLE COLLECTION TIME: 1430

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: CV0838A

GPS Coordinates: Trimble ☒ Instrument #: <u>16144</u>		Logged? ☒ or N	
Aliquot #1: Latitude: <u>33.55437232</u>	N Longitude	<u>86.79746443</u>	W
Media description: <u>orange/brown silty clay w/ coal frags. dry</u>			
Aliquot #2: Latitude: <u>33.55434223</u>	N Longitude	<u>86.79747874</u>	W
Media description: <u>same as #1</u>			
Aliquot #3: Latitude: <u>33.55435331</u>	N Longitude	<u>86.79751298</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: CV0838B SAMPLE ID: CV0838B-CS-SP

SAMPLE COLLECTION TIME: 1441

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: CV0838B

GPS Coordinates: Trimble ☒ Instrument #: <u>16144</u>		Logged? ☒ or N	
Aliquot #1: Latitude: <u>33.55408145</u>	N Longitude	<u>86.79745807</u>	W
Media description: <u>brown silt w/ coal frags dry</u>			
Aliquot #2: Latitude: <u>33.55408321</u>	N Longitude	<u>86.79748847</u>	W
Media description: <u>same as #1</u>			
Aliquot #3: Latitude: <u>33.55409300</u>	N Longitude	<u>86.7957751730</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: _____			

(b) (6)

ADDRESS: _____ PROPERTY ID: CV0912

DATE: 5/21/13 ARRIVAL TIME: 1450

Other pertinent information (weather conditions, etc.):

89°F, sunny, wind S @ 5 mph

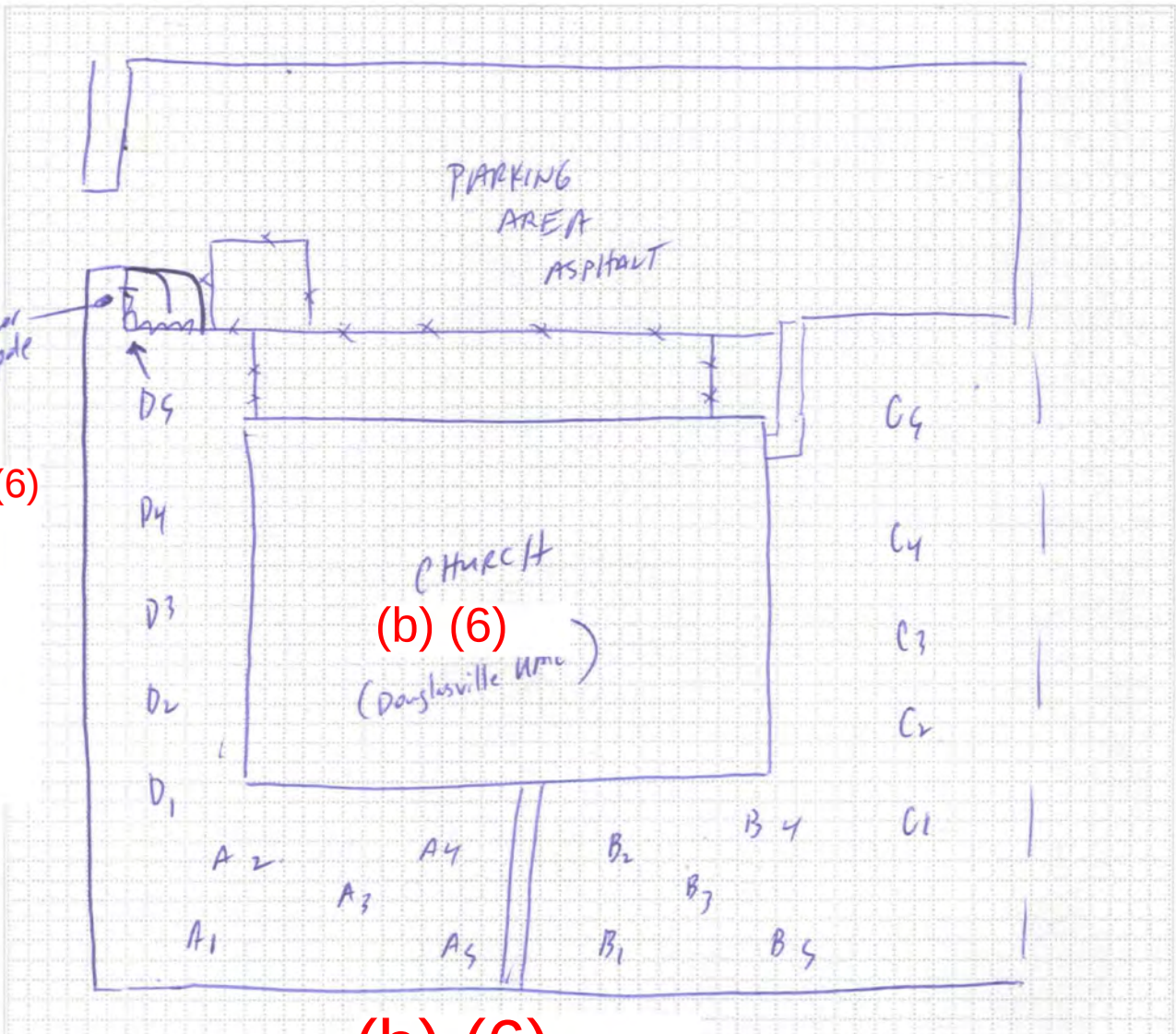
PROPERTY COMMENTS:

Church Property

Split samples w/ (b) (6) CMC

(Street name is (b) (6) not Ave)

Grid for property sketch



(b) (6)

STATION ID: CV0912A SAMPLE ID: CV0912A-CS-SP

SAMPLE COLLECTION TIME: 1515

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

front of church 32nd Ave 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: CV0912A

GPS Coordinates:	Trimble ☒	Instrument #:	<u>16144</u>	Logged?	☒ or N
Aliquot #1:	Latitude:	<u>33.55436004</u>	N Longitude	<u>86.79827663</u>	W
	Media description:	<u>brown silty clay dry w/ coal frags.</u>			
Aliquot #2:	Latitude:	<u>33.55436148</u>	N Longitude	<u>86.79820268</u>	W
	Media description:	<u>same as #1 w/ coal frags</u>			
Aliquot #3:	Latitude:	<u>33.55429647</u>	N Longitude	<u>86.79824934</u>	W
	Media description:	<u>same as #2</u>			
Aliquot #4:	Latitude:	<u>33.55423322</u>	N Longitude	<u>86.79820868</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #5:	Latitude:	<u>33.55422654</u>	N Longitude	<u>86.79828810</u>	W
	Media description:	<u>same as #1</u>			

STATION ID: CV0912B SAMPLE ID: CV0912B-CS-SP

SAMPLE COLLECTION TIME: 1522

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

front of church

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0912B

GPS Coordinates:	Trimble ☒	Instrument #:	<u>16144</u>	Logged?	☒ or N
Aliquot #1:	Latitude:	<u>33.55418719</u>	N Longitude	<u>86.79828655</u>	W
	Media description:	<u>brown silty clay dry</u>			
Aliquot #2:	Latitude:	<u>33.55417366</u>	N Longitude	<u>86.79821022</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55414835</u>	N Longitude	<u>86.79823175</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #4:	Latitude:	<u>33.55409557</u>	N Longitude	<u>86.79820179</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #5:	Latitude:	<u>33.55409042</u>	N Longitude	<u>86.79826425</u>	W
	Media description:	<u>same as #1</u>			

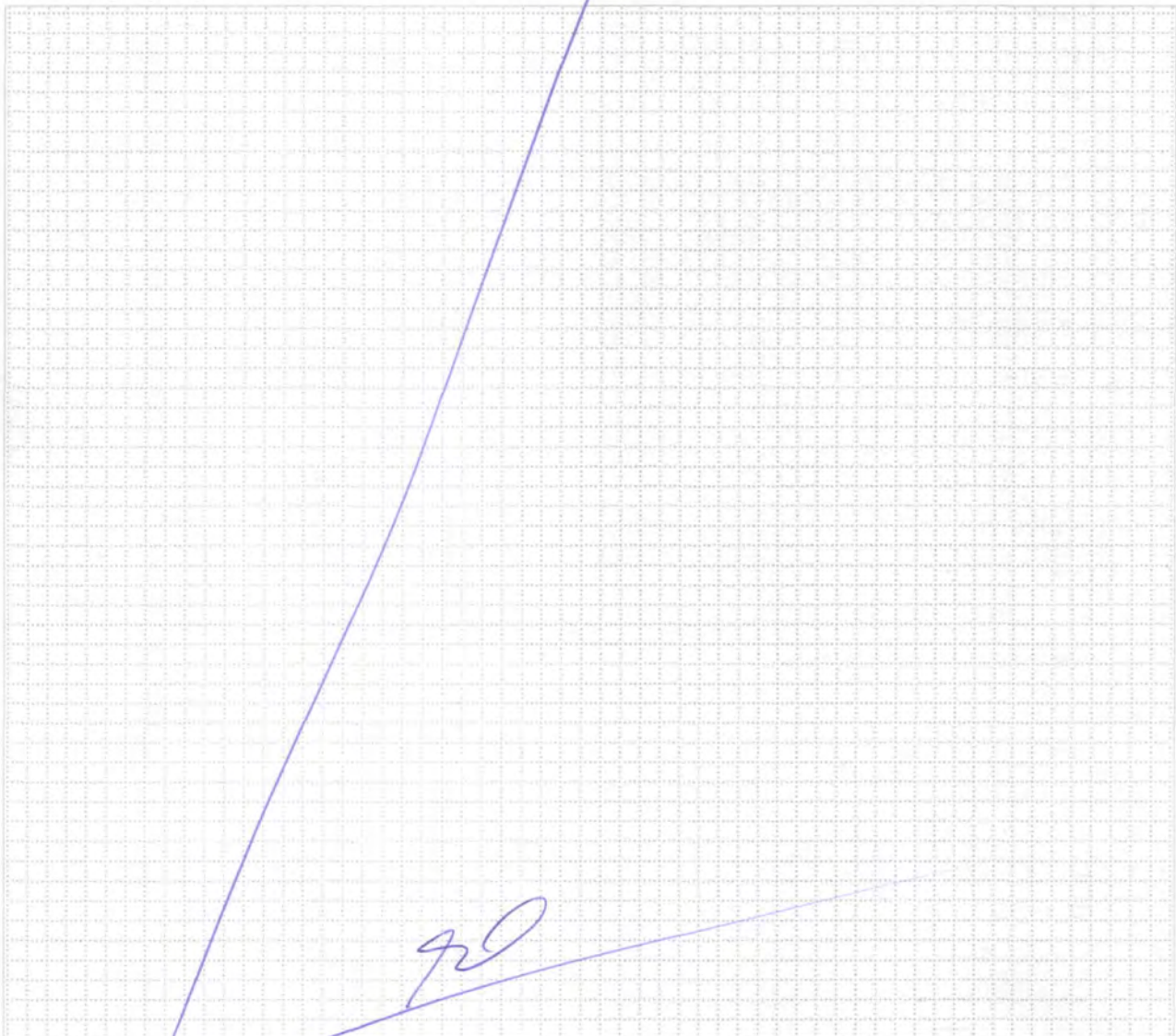
ADDRESS: SEE PG. 24 PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0912 C SAMPLE ID: CV0912 C-CS-SP

SAMPLE COLLECTION TIME: 1540

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: CV0912 C

GPS Coordinates:	Trimble ☒	Instrument #:	<u>16144</u>	Logged?	☒ or N
Aliquot #1:	Latitude:	<u>33.55407978</u>	N Longitude	<u>86.79812849</u>	W
	Media description:	<u>dk brn silty clay dry</u>			
Aliquot #2:	Latitude:	<u>33.55408502</u>	N Longitude	<u>86.79807193</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55406749</u>	N Longitude	<u>86.7978812</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #4:	Latitude:	<u>33.55408316</u>	N Longitude	<u>86.79791889</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #5:	Latitude:	<u>33.55407560</u>	N Longitude	<u>86.79785843</u>	W
	Media description:	<u>same as #1</u>			

STATION ID: CV0912 D SAMPLE ID: CV0912 D-CS-SP

SAMPLE COLLECTION TIME: 1550

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: CV0912 D

GPS Coordinates:	Trimble ☒	Instrument #:	<u>16144</u>	Logged?	☒ or N
Aliquot #1:	Latitude:	<u>33.55436506</u>	N Longitude	<u>86.79813106</u>	W
	Media description:	<u>brn clayey silt dry</u>			
Aliquot #2:	Latitude:	<u>33.55436747</u>	N Longitude	<u>86.79802189</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55434772</u>	N Longitude	<u>86.79796953</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #4:	Latitude:	<u>33.55436197</u>	N Longitude	<u>86.79788134</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #5:	Latitude:	<u>33.55436232</u>	N Longitude	<u>86.79779260</u>	W
	Media description:	<u>same as #1</u>			

(b) (6)

ADDRESS: _____ PROPERTY ID: CV0543

DATE: 5/22/13 ARRIVAL TIME: 0640

Other pertinent information (weather conditions, etc.):

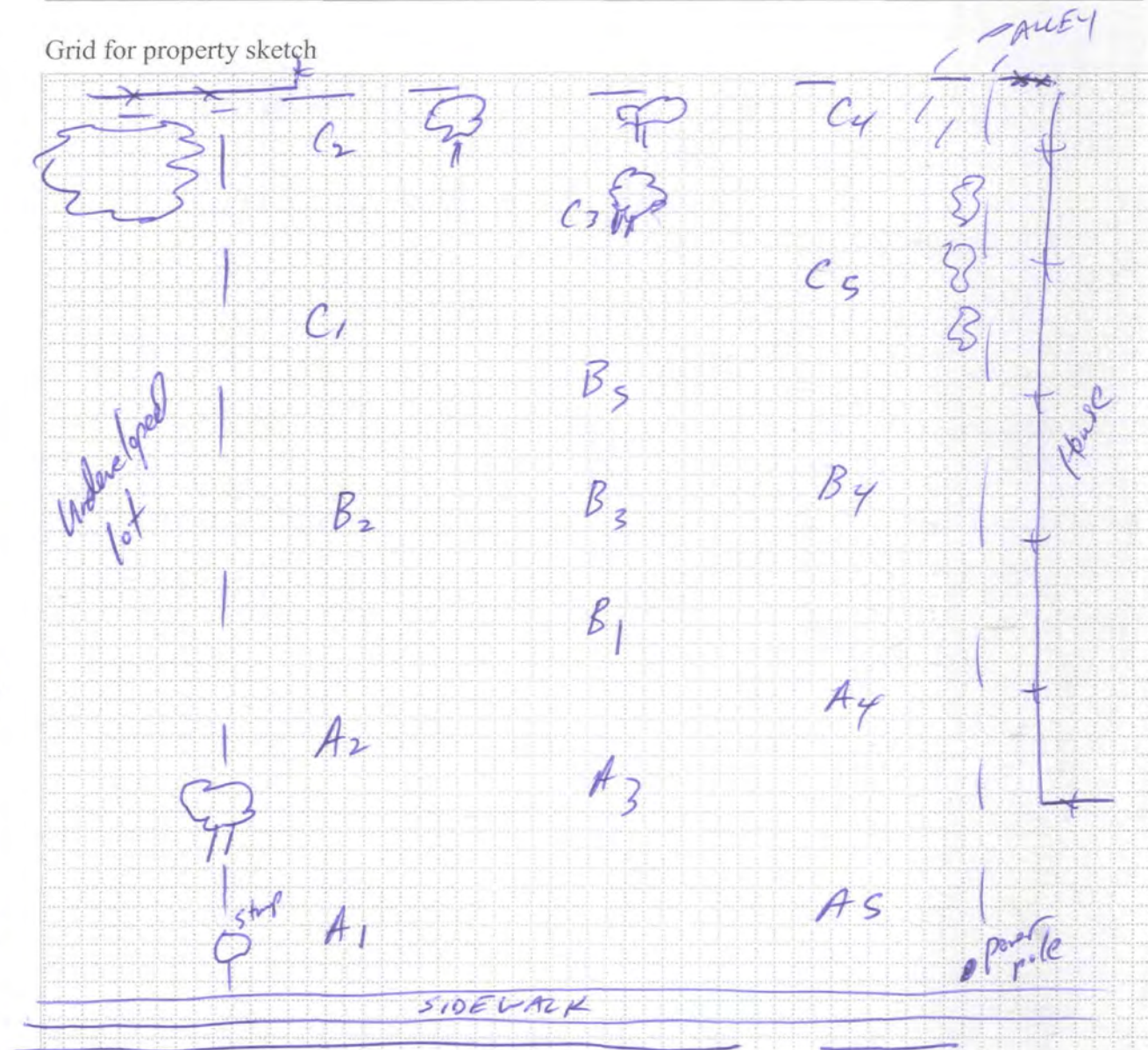
73°F, sunny, wind S @ 5mph

PROPERTY COMMENTS:

undeveloped property.

Split samples w/ C. Troiano (6mc).

Grid for property sketch



(b) (6)

STATION ID: CV0543A SAMPLE ID: CV0543A-CS-SP

SAMPLE COLLECTION TIME: 0901

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

front (street side) 1/3 of 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: CV0543A

GPS Coordinates:	Trimble <u>X</u>	Instrument #:	<u>16144</u>	Logged?	<u>Y</u>	or N
Aliquot #1:	Latitude:	<u>33.55475630</u>	N Longitude	<u>86.79848070</u>		W
	Media description:	<u>dk brn silty clay dry</u>				
Aliquot #2:	Latitude:	<u>33.55475782</u>	N Longitude	<u>86.79861196</u>		W
	Media description:	<u>same as #1</u>				
Aliquot #3:	Latitude:	<u>33.55481814</u>	N Longitude	<u>86.79854997</u>		W
	Media description:	<u>same as #1</u>				
Aliquot #4:	Latitude:	<u>33.55489015</u>	N Longitude	<u>86.79859705</u>		W
	Media description:	<u>same as #1</u>				
Aliquot #5:	Latitude:	<u>33.55485779</u>	N Longitude	<u>86.79847994</u>		W
	Media description:	<u>same as #1</u>				

STATION ID: CV0543B SAMPLE ID: CV0543B-CS-SP

SAMPLE COLLECTION TIME: 0914

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

middle 1/3 of 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: CV0543B

GPS Coordinates:	Trimble [<u>X</u>]	Instrument #:	<u>16144</u>	Logged?	<u>X</u>	or N
Aliquot #1:	Latitude:	<u>33.55482303</u>	N Longitude	<u>86.79862461</u>		W
	Media description:	<u>orange clay dry</u>				
Aliquot #2:	Latitude:	<u>33.55475622</u>	N Longitude	<u>86.79869655</u>		W
	Media description:	<u>brn silty clay dry</u>				
Aliquot #3:	Latitude:	<u>33.55482464</u>	N Longitude	<u>86.79869477</u>		W
	Media description:	<u>brn silty clay w/ coal frags dry</u>				
Aliquot #4:	Latitude:	<u>33.55487293</u>	N Longitude	<u>86.79868265</u>		W
	Media description:	<u>same as #2</u>				
Aliquot #5:	Latitude:	<u>33.55482184</u>	N Longitude	<u>86.79875438</u>		W
	Media description:	<u>same as #3</u>				

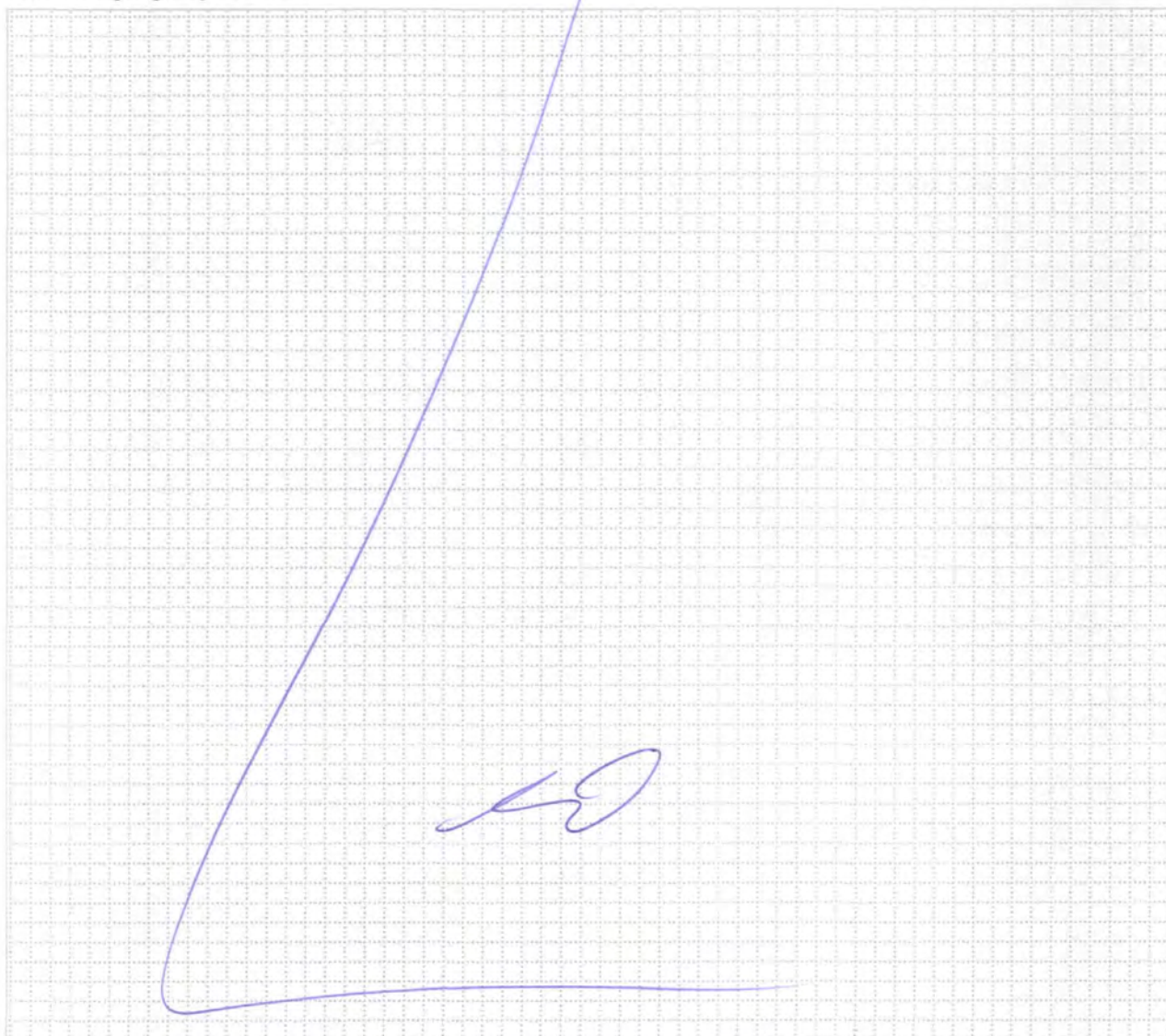
ADDRESS: SEE PG. 30 PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Cv0543C SAMPLE ID: Cv0543C-CS-SP

SAMPLE COLLECTION TIME: 0930

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

back 1/3 of 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: Cv0543C

GPS Coordinates: Trimble ☒ Instrument #: 16144 Logged? ☒ or N

Aliquot #1: Latitude: 33.55476343 N Longitude: 86.79879037 W

Media description: 1k hrn silty clay dry

Aliquot #2 Latitude: 33.55475818 N Longitude: 86.7987394 W

Media description: Same as #1

Aliquot #3: Latitude: 33.55480191 N Longitude: 86.77881501 W

Media description: Same as #1

Aliquot #4: Latitude: 33.55488388 N Longitude: 86.79887209 W

Media description: Same as #1

Aliquot #5: Latitude: 33.55489580 N Longitude: 86.79878267 W

Media description: Same as #1

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

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

Collection: Composite or Grab

MS/MSD? Y or N

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

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

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

Media description: _____

Aliquot #2 Latitude: _____ N Longitude: _____ W

Media description: _____

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

Media description: _____

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

Media description: _____

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

Media description: _____

(b) (6)

ADDRESS:

PROPERTY ID:

HP0036

DATE:

5/22/13

ARRIVAL TIME:

1000

Other pertinent information (weather conditions, etc.):

Same as previous location

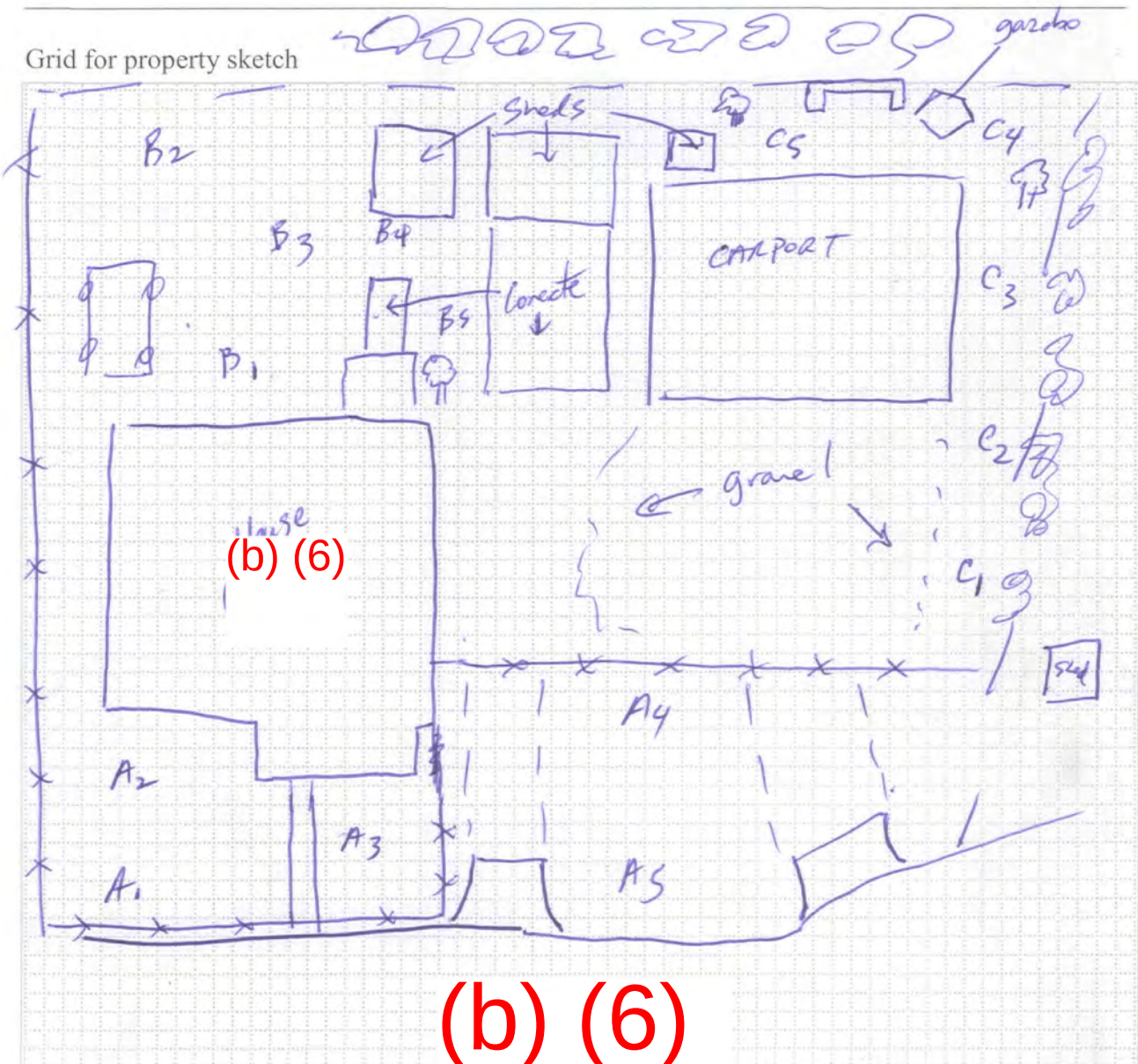
PROPERTY COMMENTS:

No resident @ home. Split samples

(b) (6)

(GMC)

Grid for property sketch



(b) (6)

STATION ID: HP0036A SAMPLE ID: HP0036A-CS-SP

SAMPLE COLLECTION TIME: 9/29/020

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: HP0036A

GPS Coordinates:	Trimble ☒ Instrument #:	<u>16144</u>	Logged?	☒ or N
Aliquot #1: Latitude:	<u>33.56408672</u>	N Longitude	<u>86.79658425</u>	W
Media description:	<u>brn silt w/ coal frags dry</u>			
Aliquot #2: Latitude:	<u>33.56405218</u>	N Longitude	<u>86.79657602</u>	W
Media description:	<u>same as #1</u>			
Aliquot #3: Latitude:	<u>33.56408771</u>	N Longitude	<u>86.79664052</u>	W
Media description:	<u>tan sand dry</u>			
Aliquot #4: Latitude:	<u>33.56402375</u>	N Longitude	<u>86.79672727</u>	W
Media description:	<u>same as #3</u>			
Aliquot #5: Latitude:	<u>33.56407945</u>	N Longitude	<u>86.79673030</u>	W
Media description:	<u>same as #3</u>			

STATION ID: HP0036B SAMPLE ID: HP0036B-CS-SP

SAMPLE COLLECTION TIME: 1031

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

back yard behind house

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0036B

GPS Coordinates:	Trimble ☒ Instrument #:	<u>16144</u>	Logged?	☒ or N
Aliquot #1: Latitude:	<u>33.56387909</u>	N Longitude	<u>86.79661105</u>	W
Media description:	<u>dk brn sandy silt w/ coal frags dry</u>			
Aliquot #2: Latitude:	<u>33.56376534</u>	N Longitude	<u>86.79659845</u>	W
Media description:	<u>brn sandy silt dry</u>			
Aliquot #3: Latitude:	<u>33.56383861</u>	N Longitude	<u>86.79661489</u>	W
Media description:	<u>orange/brn silty clay dry</u>			
Aliquot #4: Latitude:	<u>33.56378809</u>	N Longitude	<u>86.79670704</u>	W
Media description:	<u>same as #2</u>			
Aliquot #5: Latitude:	<u>33.56388531</u>	N Longitude	<u>86.79669235</u>	W
Media description:	<u>same as #1</u>			

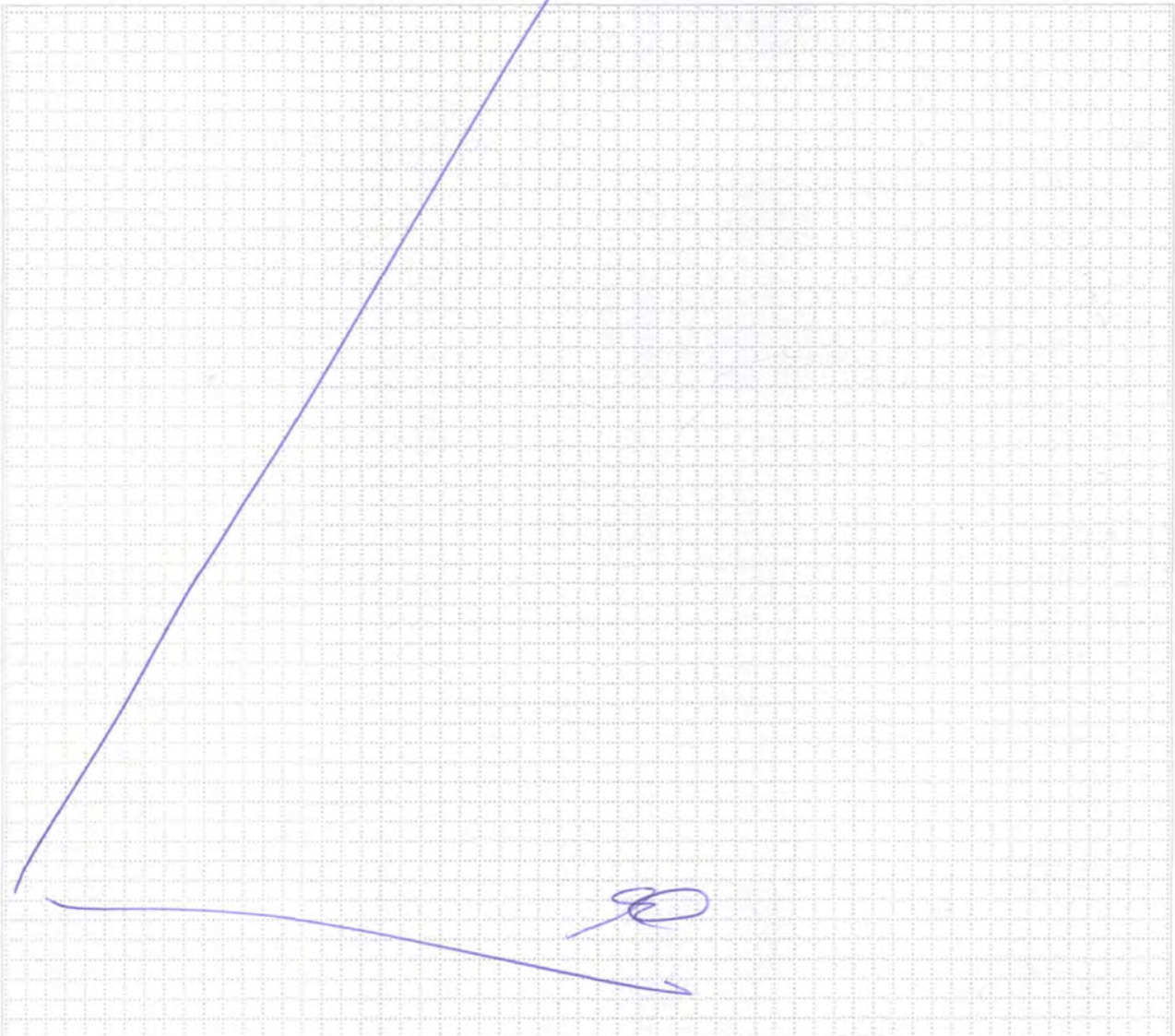
ADDRESS: SEP P6 34 PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: HP0036C SAMPLE ID: HP0036C-CS-SP

SAMPLE COLLECTION TIME: 1045

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

back yard west 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: HP0036C

GPS Coordinates: Trimble ☒ Instrument #: 16144 Logged? ☒ or N

Aliquot #1: Latitude: 33.56393202 N Longitude: 86.79691314 W

Media description: dk brown silty clay dry

Aliquot #2 Latitude: 33.56390734 N Longitude: 86.79693968 W

Media description: same as #1

Aliquot #3: Latitude: 33.56383198 N Longitude: 86.79694747 W

Media description: dk brown silt moist

Aliquot #4: Latitude: 33.56379035 N Longitude: 86.79694925 W

Media description: dk brown silty clay w/ sand & gravel dry

Aliquot #5: Latitude: 33.56383470 N Longitude: 86.79684068 W

Media description: same as #4

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:

CV0950

DATE:

5/22/13

ARRIVAL TIME:

1240

Other pertinent information (weather conditions, etc.):

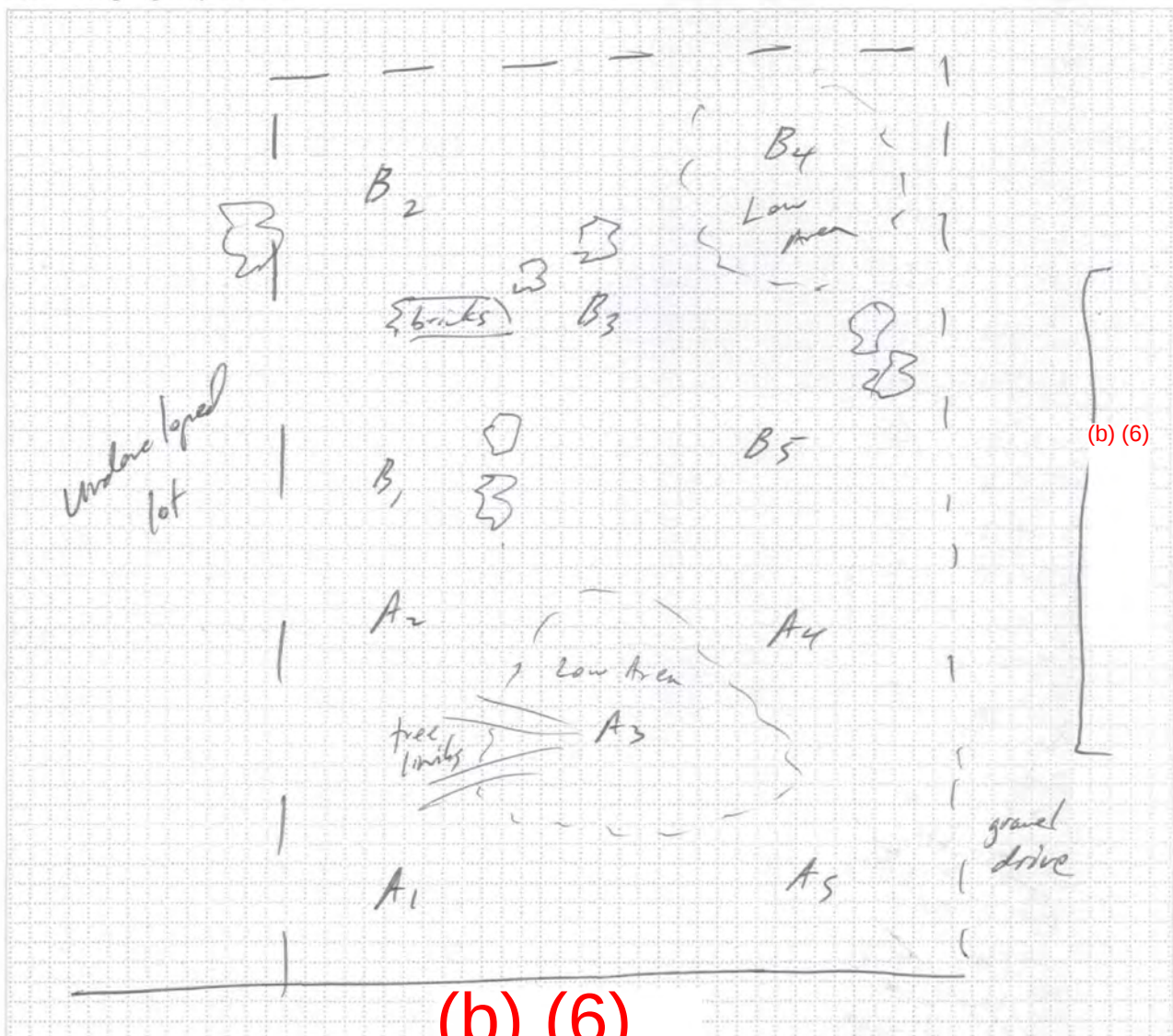
82°F, mostly cloudy, calm

PROPERTY COMMENTS:

undeveloped lot.

Split samples w/ C. Troiano (GMC)

Grid for property sketch



(b) (6)

STATION ID: CV0950A SAMPLE ID: CV0950A-CS-SP

SAMPLE COLLECTION TIME: 1307

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

front (street side) 1/2 of 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: CV0950A

GPS Coordinates: Trimble	☒	Instrument #: <u>16144</u>	Logged? ☒	or N
Aliquot #1: Latitude:	<u>33.55822018</u>	N Longitude	<u>86.79471500</u>	W
Media description:	<u>light brown silty clay w/ organic matter moist</u>			
Aliquot #2: Latitude:	<u>33.55808428</u>	N Longitude	<u>86.79472835</u>	W
Media description:	<u>brown silty clay dry</u>			
Aliquot #3: Latitude:	<u>33.55814158</u>	N Longitude	<u>86.79477428</u>	W
Media description:	<u>same as #1</u>			
Aliquot #4: Latitude:	<u>33.55809443</u>	N Longitude	<u>86.79482345</u>	W
Media description:	<u>same as #2</u>			
Aliquot #5: Latitude:	<u>33.55822155</u>	N Longitude	<u>86.79478421</u>	W
Media description:	<u>same as #1</u>			

STATION ID: CV0950B SAMPLE ID: CV0950B-CS-SP

SAMPLE COLLECTION TIME: 1322

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

back 1/2 of 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: CV0950B

GPS Coordinates: Trimble	☒	Instrument #: <u>16144</u>	Logged? ☒	or N
Aliquot #1: Latitude:	<u>33.55804463</u>	N Longitude	<u>86.79473236</u>	W
Media description:	<u>dk brown silty clay w/ organic matter moist</u>			
Aliquot #2: Latitude:	<u>33.55795757</u>	N Longitude	<u>86.79474005</u>	W
Media description:	<u>orange sandy clay moist</u>			
Aliquot #3: Latitude:	<u>33.55799723</u>	N Longitude	<u>86.79478731</u>	W
Media description:	<u>same as #1</u>			
Aliquot #4: Latitude:	<u>33.55796114</u>	N Longitude	<u>86.79482572</u>	W
Media description:	<u>same as #1</u>			
Aliquot #5: Latitude:	<u>33.55804167</u>	N Longitude	<u>86.79481289</u>	W
Media description:	<u>same as #1</u>			

(b) (6)

ADDRESS:

PROPERTY ID: Fm0028

DATE: 5/22/13

ARRIVAL TIME: 1345

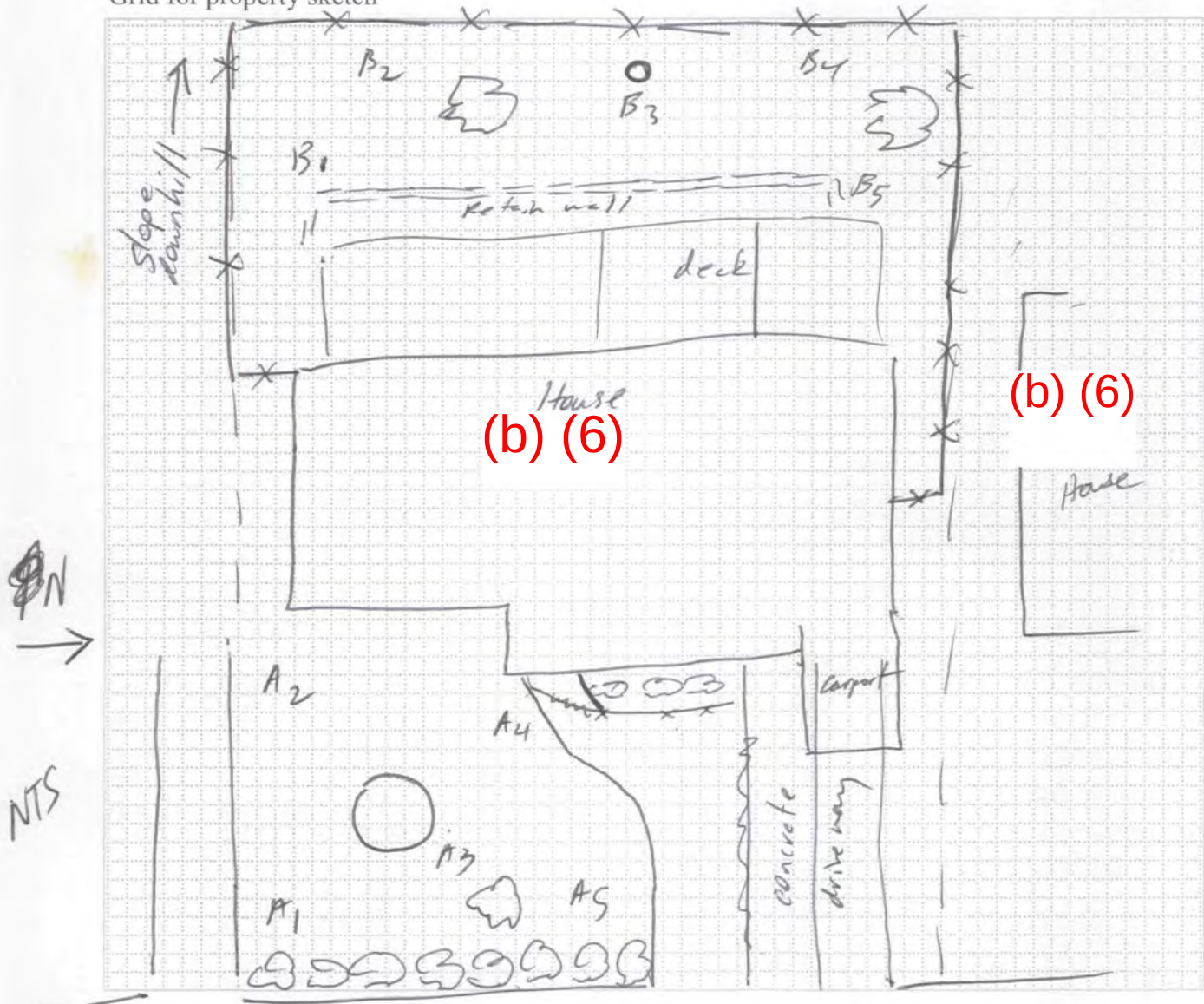
Other pertinent information (weather conditions, etc.):

82°F, mostly cloudy, wind SE @ 5 mph

PROPERTY COMMENTS:

Resident @ home. Split samples w/ (b) (6)
(Gmc).

Grid for property sketch



STATION ID: Fm0028A SAMPLE ID: Fm0028A-CS-SP

SAMPLE COLLECTION TIME: 1407

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: Fm0028A

GPS Coordinates:	Trimble ☒	Instrument #:	<u>16144</u>	Logged?	☒ or N
Aliquot #1:	Latitude:	<u>33.56683776</u>	N Longitude	<u>86.81058601</u>	W
	Media description:	<u>brwn sandy silt w/ coal frags. dry</u>			
Aliquot #2:	Latitude:	<u>33.56682141</u>	N Longitude	<u>86.81069388</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #3:	Latitude:	<u>33.56684766</u>	N Longitude	<u>86.81064221</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #4:	Latitude:	<u>33.56687394</u>	N Longitude	<u>86.81068712</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #5:	Latitude:	<u>33.56689637</u>	N Longitude	<u>86.81059725</u>	W
	Media description:	<u>Same as #1</u>			

STATION ID: Fm0028B SAMPLE ID: Fm0028B-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: Fm0028B

GPS Coordinates:	Trimble ☒	Instrument #:	<u>16144</u>	Logged?	☒ or N
Aliquot #1:	Latitude:	<u>33.56680378</u>	N Longitude	<u>86.81086480</u>	W
	Media description:	<u>brwn sandy silt dry</u>			
Aliquot #2:	Latitude:	<u>33.56683726</u>	N Longitude	<u>86.81097722</u>	W
	Media description:	<u>silt & mulch dry</u>			
Aliquot #3:	Latitude:	<u>33.56686824</u>	N Longitude	<u>86.81094301</u>	W
	Media description:	<u>orange sandy clay dry</u>			
Aliquot #4:	Latitude:	<u>33.56692528</u>	N Longitude	<u>86.81097797</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #5:	Latitude:	<u>33.56692831</u>	N Longitude	<u>86.81089597</u>	W
	Media description:	<u>Same as #1</u>			

(b) (6)

ADDRESS: _____ PROPERTY ID: CV1271

DATE: 8/20/13 ARRIVAL TIME: 1430

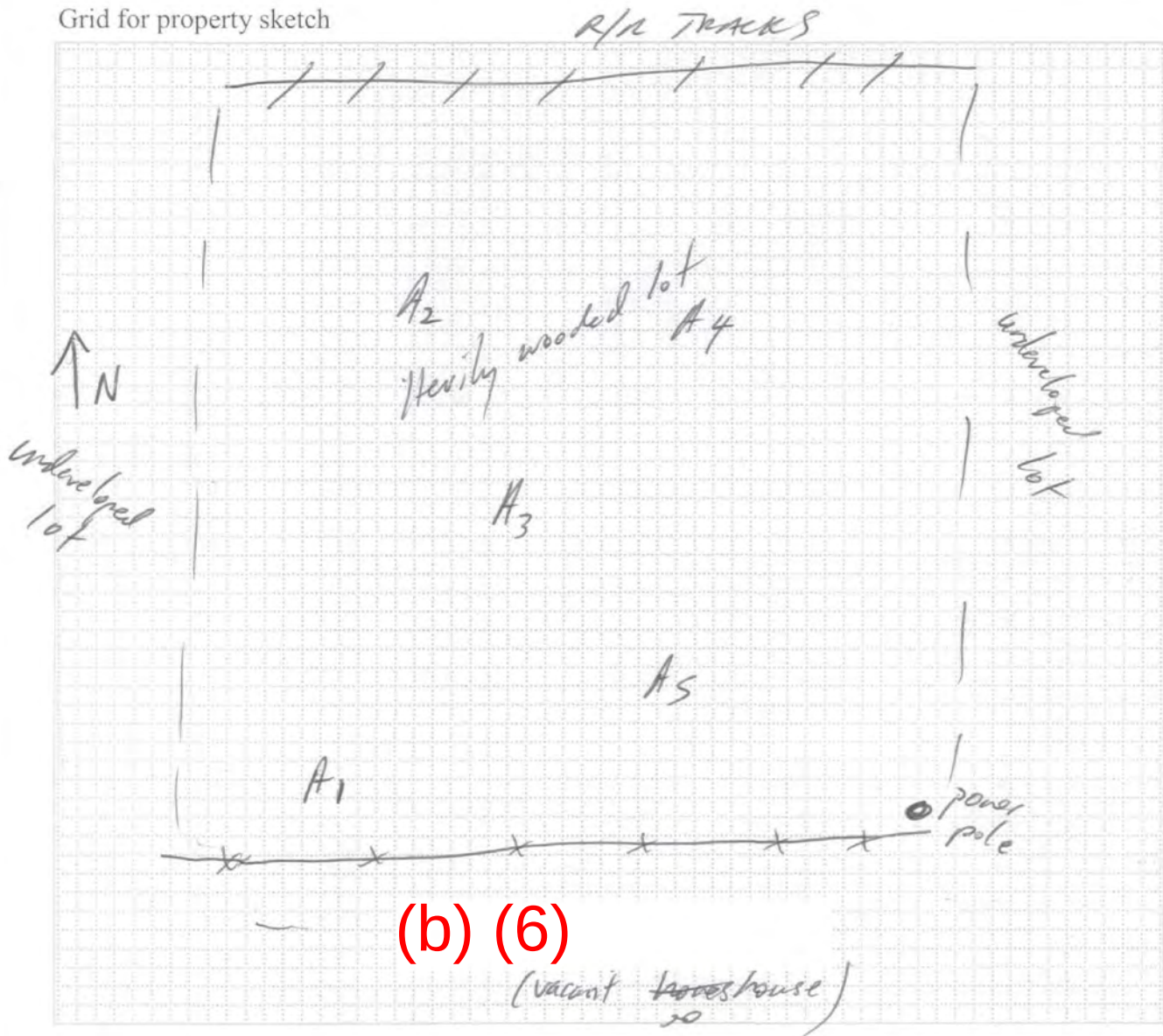
Other pertinent information (weather conditions, etc.):

83°F, mostly cloudy, wind S @ 5-10 mph

PROPERTY COMMENTS:

Undeveloped & heavily overgrown lot

Grid for property sketch



STATION ID: CN 1271 A SAMPLE ID: CN1271 A-SSP

SAMPLE COLLECTION TIME: 1509

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: CN1271 A-SSP

GPS Coordinates: Trimble [☒] Instrument #: <u>1644</u> Logged? ☒ or N	
Aliquot #1: Latitude: <u>33.55260465</u>	N Longitude: <u>86.80377310</u> W
Media description: <u>brown silty clay</u>	
Aliquot #2: Latitude: <u>33.55274674</u>	N Longitude: <u>86.80376320</u> W
Media description: <u>SAME as #1</u>	
Aliquot #3: Latitude: <u>33.55268091</u>	N Longitude: <u>86.80374522</u> W
Media description: <u>SAME as #1</u>	
Aliquot #4: Latitude: <u>33.55274854</u>	N Longitude: <u>86.80369325</u> W
Media description: <u>SAME as #1</u>	
Aliquot #5: Latitude: <u>33.55262495</u>	N Longitude: <u>86.80371574</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 [] 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: CV13417

DATE: 5/23/13 ARRIVAL TIME: 0830

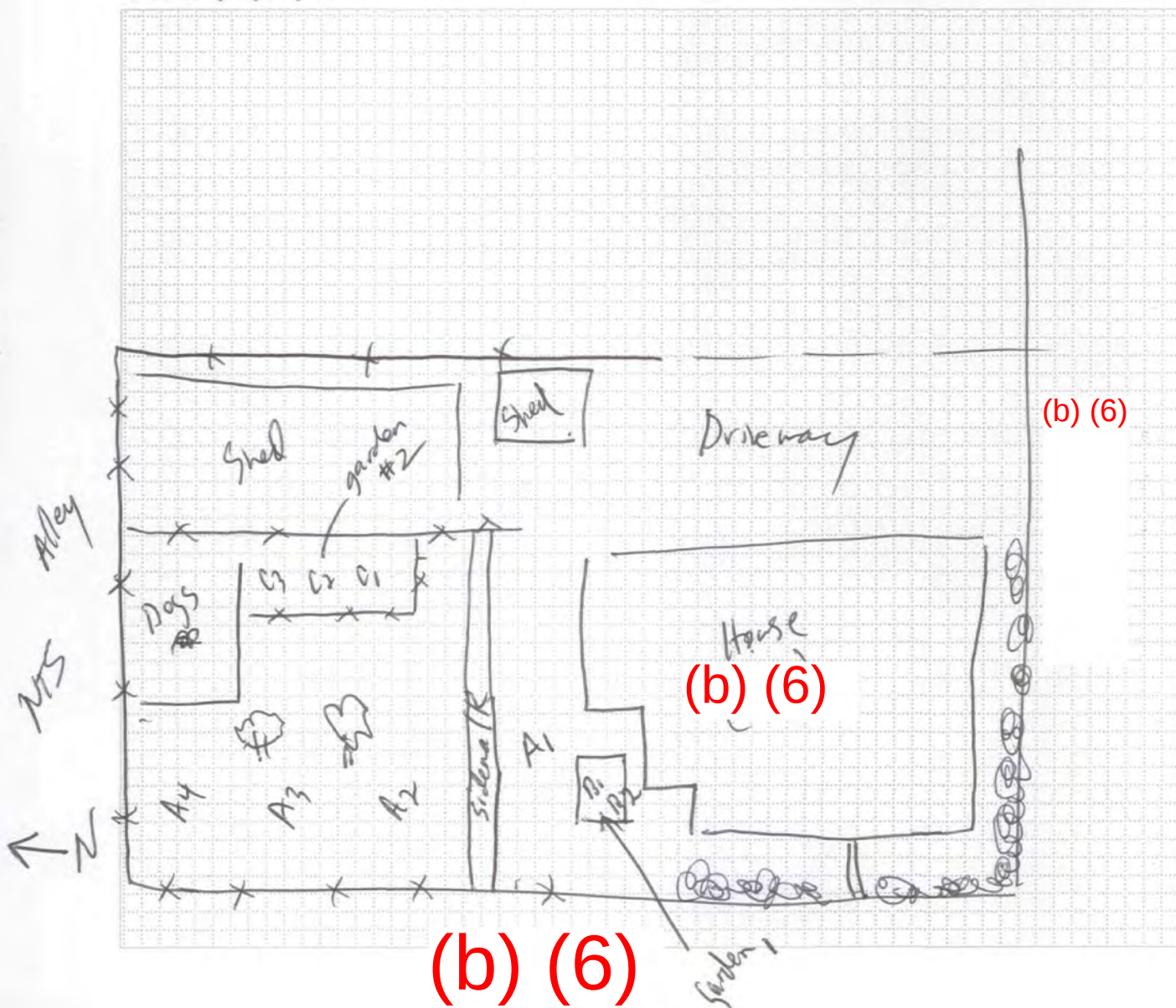
Other pertinent information (weather conditions, etc.):

74°F, mostly sunny, wind calm

PROPERTY COMMENTS:

Resident @ home - Two small
gardens.

Grid for property sketch



STATION ID: CV1347A SAMPLE ID: CV1347A-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: NA

GPS Coordinates:	Trimble ☒	Instrument #:	<u>1644</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.55128311</u>	N Longitude	<u>86.79718641</u>	W
	Media description:	<u>orange brown silt dry</u>			
Aliquot #2:	Latitude:	<u>33.55134079</u>	N Longitude		W
	Media description:	<u>Same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55137851</u>	N Longitude	<u>86.79720898</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #4:	Latitude:	<u>33.55142106</u>	N Longitude	<u>86.79721468</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #5:	Latitude:		N Longitude		W
	Media description:				

STATION ID: CV1347B SAMPLE ID: CV1347B-CS

SAMPLE COLLECTION TIME: 0846

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

nearest house

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 #:	<u>16144</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.55125442</u>	N Longitude	<u>86.79720444</u>	W
	Media description:	<u>brn silt w/ gravel dry</u>			
Aliquot #2:	Latitude:	<u>33.55125089</u>	N Longitude	<u>86.79721607</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #3:	Latitude:		N Longitude		W
	Media description:				
Aliquot #4:	Latitude:		N Longitude		W
	Media description:				
Aliquot #5:	Latitude:		N Longitude		W
	Media description:				

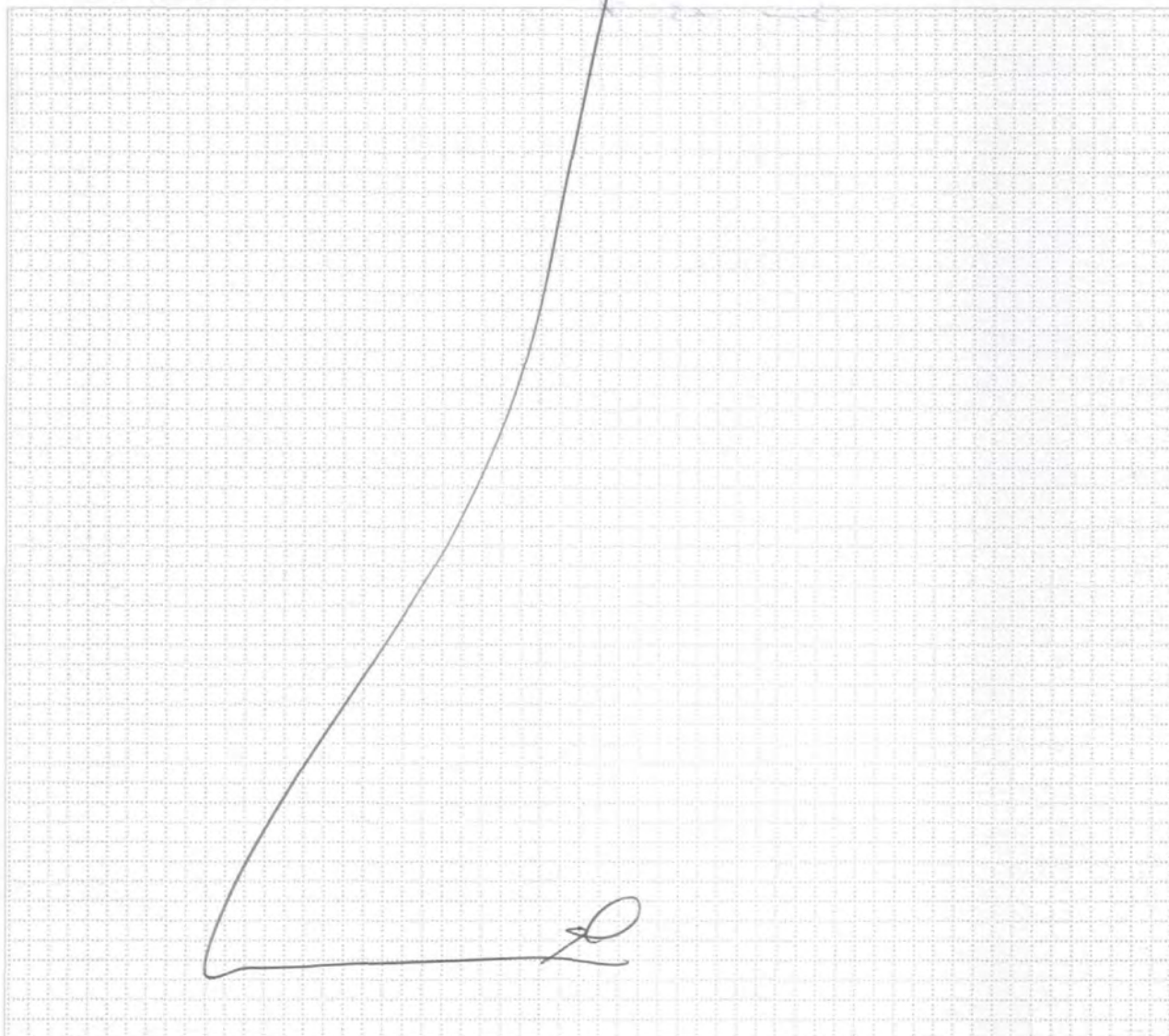
ADDRESS: SEE PG. 44 PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CN1347C SAMPLE ID: CN1347C-CS

SAMPLE COLLECTION TIME: 0850

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

near shed in back yard

Collection: Composite or Grab

MS/MSD? Y or N

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

GPS Coordinates: Trimble ☒ Instrument #: <u>16244</u>		Logged? ☒ or N	
Aliquot #1: Latitude: <u>33.55133965</u>	N Longitude: <u>86.79717184</u>	W	
Media description: <u>brn silt w/ wood chips & coal frags dry</u>			
Aliquot #2: Latitude: <u>33.55136518</u>	N Longitude: <u>86.79715671</u>	W	
Media description: <u>same as #1</u>			
Aliquot #3: Latitude: <u>33.55137629</u>	N Longitude: <u>86.79716012</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: _____			

(b) (6)

ADDRESS: _____ PROPERTY ID: CV1113

DATE: 5/23/13 ARRIVAL TIME: 0915

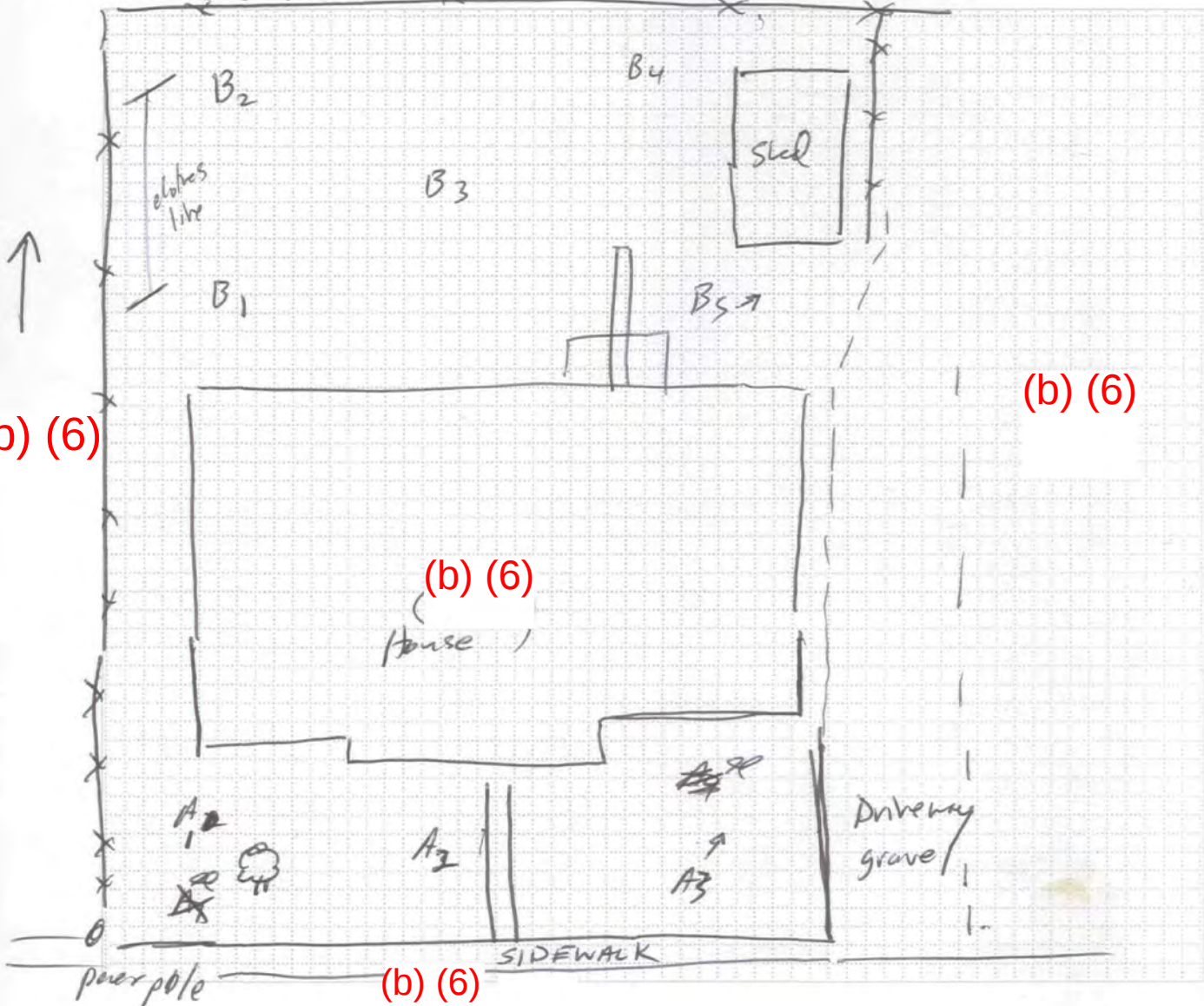
Other pertinent information (weather conditions, etc.):

75°F, mostly sunny, wind west @ 5MPH

PROPERTY COMMENTS:

resident @ home.

Grid for property sketch



STATION ID: CV1113A SAMPLE ID: CV1113A-CS

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 ☒ Instrument #: <u>16144</u>		Logged? ☒ or N	
Aliquot #1: Latitude: <u>33.55038964</u>	N Longitude	<u>86.79689349</u>	W
Media description: <u>reddish brn silty clay w/ dry</u>			
Aliquot #2: Latitude: <u>33.55037866</u>	N Longitude	<u>86.79684660</u>	W
Media description: <u>same as #1</u>			
Aliquot #3: Latitude: <u>33.55037510</u>	N Longitude	<u>86.79680333</u>	W
Media description: <u>same as #1 w/ Coal Rags.</u>			
Aliquot #4: Latitude: _____	N Longitude	_____	W
Media description: <u>same as #1</u> <u>RR</u>			
Aliquot #5: Latitude: _____	N Longitude	_____	W
Media description: <u>same as #1</u>			

STATION ID: CV1113B SAMPLE ID: CV1113B-CS

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: _____

GPS Coordinates: Trimble ☒ Instrument #: <u>16144</u>		Logged? ☒ or N	
Aliquot #1: Latitude: <u>33.55052098</u>	N Longitude	<u>86.79686565</u>	W
Media description: <u>brn silty clay dry</u>			
Aliquot #2: Latitude: <u>33.55061417</u>	N Longitude	<u>86.79684080</u>	W
Media description: <u>same as #1</u>			
Aliquot #3: Latitude: <u>33.55056996</u>	N Longitude	<u>86.79683551</u>	W
Media description: <u>same as #1</u>			
Aliquot #4: Latitude: <u>33.55042836</u>	N Longitude	<u>86.79683395</u>	W
Media description: <u>same as #1</u>			
Aliquot #5: Latitude: <u>33.55051826</u>	N Longitude	<u>86.79677713</u>	W
Media description: <u>same as #1</u>			

(b) (6)

ADDRESS: _____

PROPERTY ID: CV1075

DATE: 5/23/13

ARRIVAL TIME: 0955

Other pertinent information (weather conditions, etc.):

76°F, mostly sunny, wind WNW @ 6 MPH

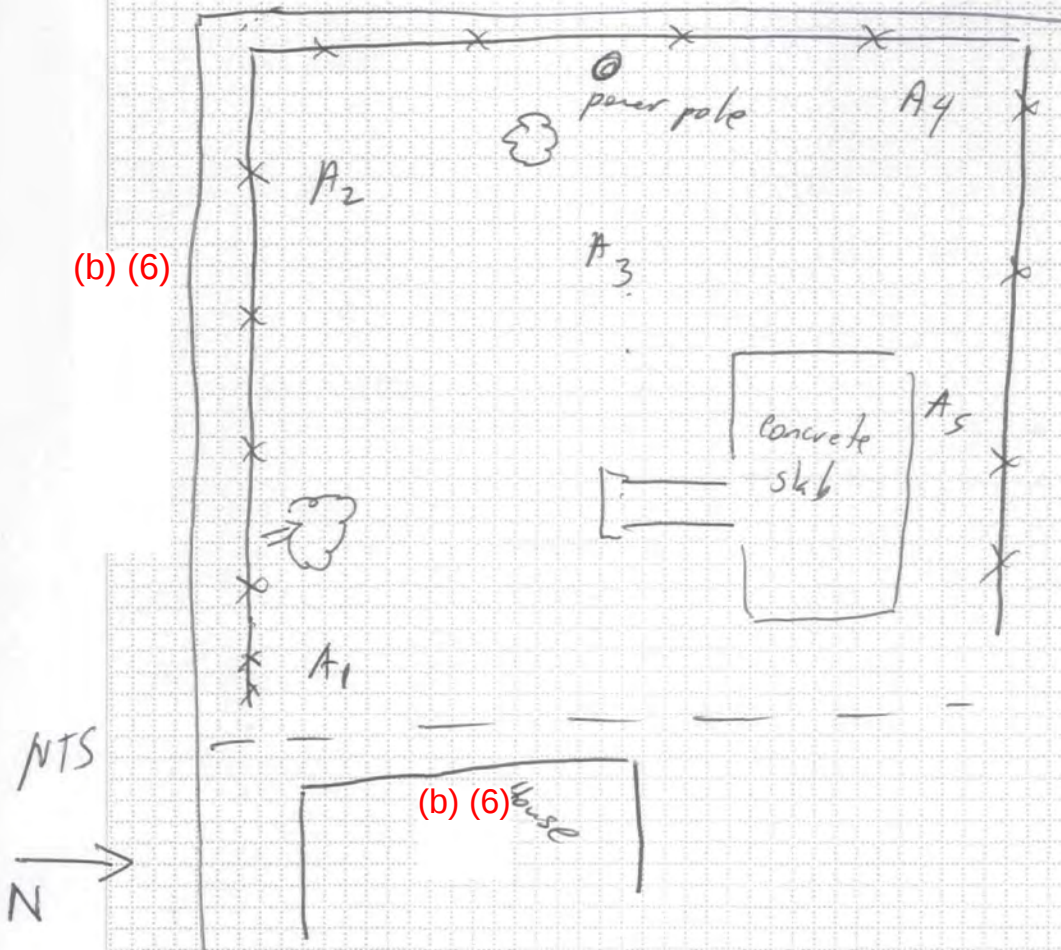
PROPERTY COMMENTS:

Undeveloped lot adjoining (b) (6)

(b) (6)

Grid for property sketch

(b) (6)



STATION ID: CV1075A SAMPLE ID: CV1057A-CS

SAMPLE COLLECTION TIME: 1005

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

entire 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 [X] Instrument #: 16144 Logged? Y or N

Aliquot #1: Latitude: 33.55023291 N Longitude 86.80038790 W

Media description: dk brn silty clay w/ coal frags. dry

Aliquot #2: Latitude: 33.55023663 N Longitude 86.80051792 W

Media description: org./brn silty clay w/ gravel dry

Aliquot #3: Latitude: 33.55035233 N Longitude 86.80048039 W

Media description: same as #1

Aliquot #4: Latitude: 33.55043389 N Longitude 86.80051897 W

Media description: same as #2

Aliquot #5: Latitude: 33.55045314 N Longitude 86.80043111 W

Media description: same as #1

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

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

Collection: Composite or Grab

MS/MSD? Y or N

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

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

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

(b) (6)

ADDRESS: _____

PROPERTY ID: CV1163

DATE: 5/23/13

ARRIVAL TIME: 1020

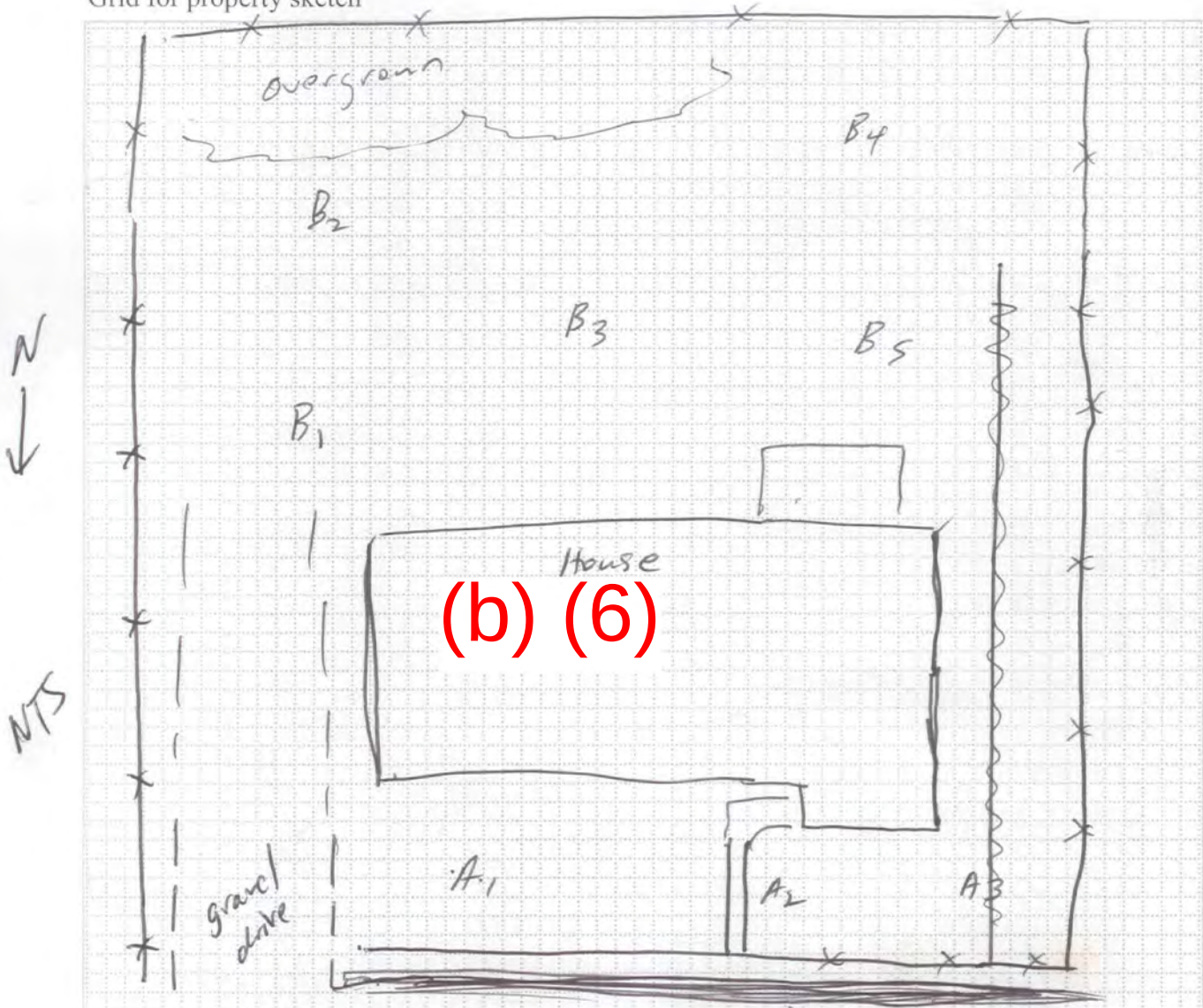
Other pertinent information (weather conditions, etc.):

76°F, mostly sunny, wind WNW @ 6 mph

PROPERTY COMMENTS:

No resident @ home.

Grid for property sketch



(b) (6)

STATION ID: CV1163A SAMPLE ID: CV1163A-CS

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: _____

GPS Coordinates: Trimble ☒ Instrument #: <u>16144</u>		Logged? ☒ or N	
Aliquot #1: Latitude: <u>33.55073216</u>	N Longitude <u>86.79978644</u>	W	
Media description: <u>reddish brown silty clay dry</u>			
Aliquot #2: Latitude: <u>33.55073202</u>	N Longitude <u>86.79983180</u>	W	
Media description: <u>Same as #1</u>			
Aliquot #3: Latitude: <u>33.55073681</u>	N Longitude <u>86.79989458</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: CV1163B SAMPLE ID: CV1163B-CS

SAMPLE COLLECTION TIME: 1042

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 #: <u>16144</u>		Logged? ☒ or N	
Aliquot #1: Latitude: <u>33.550558225</u>	N Longitude <u>86.79975177</u>	W	
Media description: <u>brown silt dry</u>			
Aliquot #2: Latitude: <u>33.55052893</u>	N Longitude <u>86.79975261</u>	W	
Media description: <u>Same as #1</u>			
Aliquot #3: Latitude: <u>33.55055295</u>	N Longitude <u>86.79979593</u>	W	
Media description: <u>Same as #1</u>			
Aliquot #4: Latitude: <u>33.55052982</u>	N Longitude <u>86.79985996</u>	W	
Media description: <u>Same as #1</u>			
Aliquot #5: Latitude: <u>33.55056162</u>	N Longitude <u>86.79985427</u>	W	
Media description: <u>Same as #1</u>			

(b) (6)

ADDRESS: _____ PROPERTY ID: CV1111

DATE: 5/23/13 ARRIVAL TIME: 1233

Other pertinent information (weather conditions, etc.):

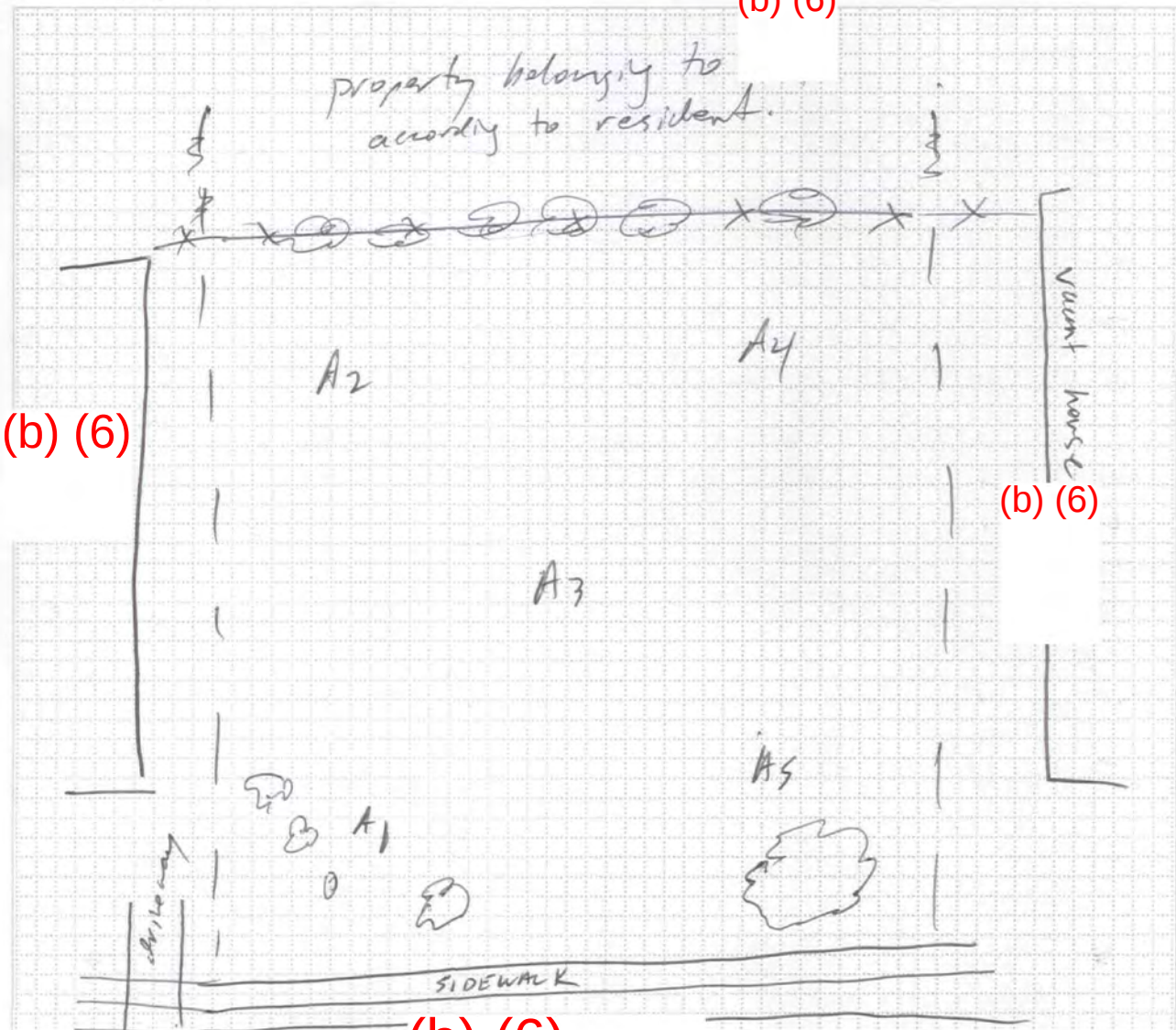
84° F, mostly sunny

PROPERTY COMMENTS:

undeveloped lot.

Grid for property sketch

(b) (6)



STATION ID: CV1111A SAMPLE ID: CV111A-CS

SAMPLE COLLECTION TIME: 1246

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

entire 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 ☒	Instrument #:	<u>1044</u>	Logged?	☒	Y or N
Aliquot #1:	Latitude:	<u>33.55021055</u>	N Longitude	<u>86.79679107</u>		W
	Media description:	<u>reddish brown silty clay dry</u>				
Aliquot #2:	Latitude:	<u>33.55021718</u>	N Longitude	<u>86.79679898</u>		W
	Media description:	<u>Same as #1</u>				
Aliquot #3:	Latitude:	<u>33.55016646</u>	N Longitude	<u>86.79684480</u>		W
	Media description:	<u>brown silty clay w/ coal Russ dry</u>				
Aliquot #4:	Latitude:	<u>33.55010895</u>	N Longitude	<u>86.79688323</u>		W
	Media description:	<u>Same as #3</u>				
Aliquot #5:	Latitude:	<u>33.55020516</u>	N Longitude	<u>86.79687981</u>		W
	Media description:	<u>Same as #3</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: CV1014

DATE: 5/23/13

ARRIVAL TIME: 1300

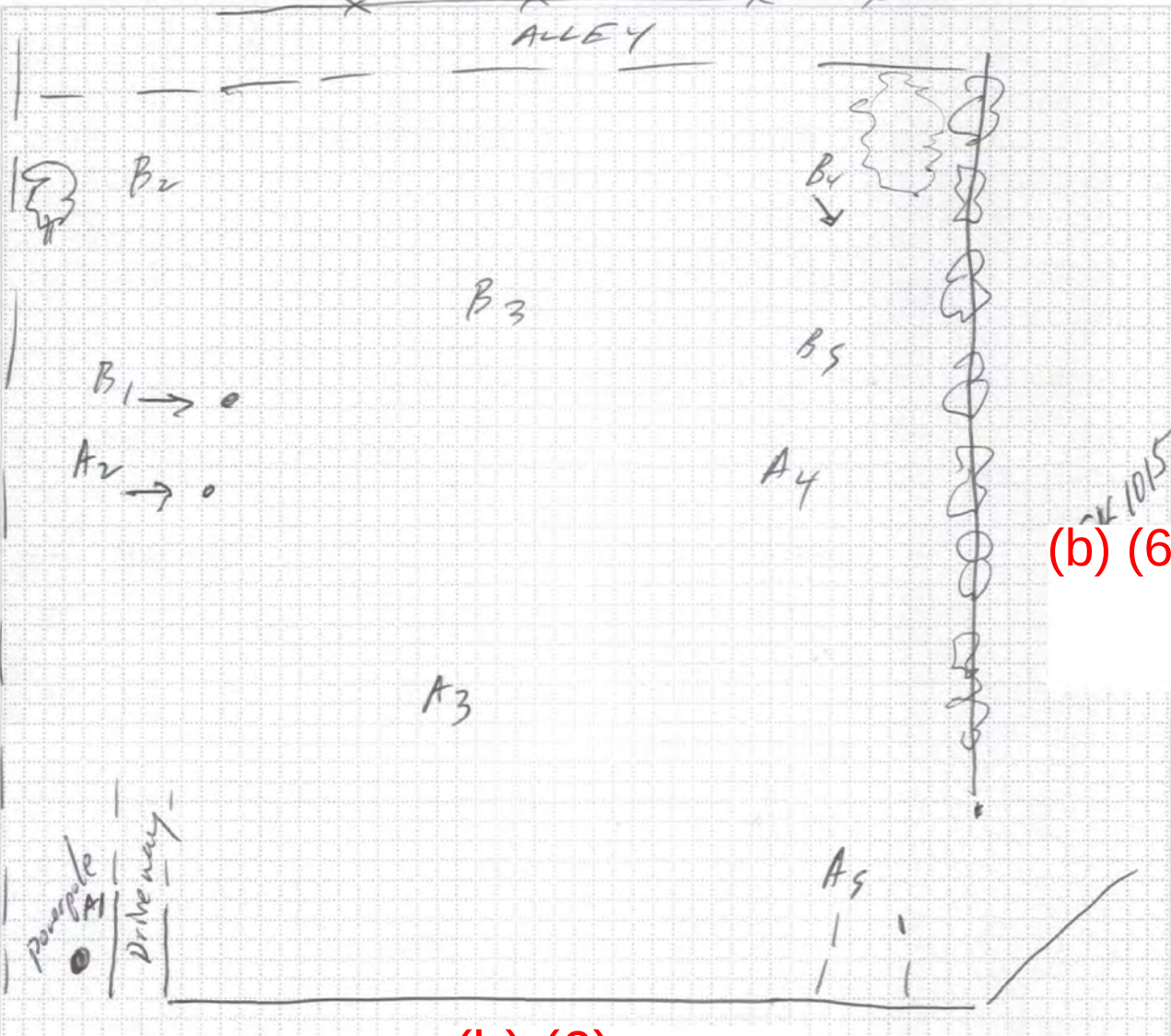
Other pertinent information (weather conditions, etc.):

Same as previous

PROPERTY COMMENTS:

undeveloped lot.

Grid for property sketch



STATION ID: CV1014A SAMPLE ID: CV1014A-CS
SAMPLE COLLECTION TIME: 1323 CV1014A-ee

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

front 1/2 (street side) of 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: CV1014A-CS-1

GPS Coordinates: Trimble [☒] Instrument #: <u>16144</u> Logged? (☒ or N	
Aliquot #1: Latitude: <u>33.54958256</u> N Longitude: <u>86.79674981</u> W	
Media description: <u>dk brown silt dry</u>	
Aliquot #2 Latitude: <u>33.54972134</u> N Longitude: <u>86.79672287</u> W	
Media description: <u>Same as #1</u>	
Aliquot #3: Latitude: <u>33.5496388</u> N Longitude: <u>86.79667979</u> W	
Media description: <u>light brown silty clay w/ gravel dry</u>	
Aliquot #4: Latitude: <u>33.54972387</u> N Longitude: <u>86.79661576</u> W	
Media description: <u>Same as #3</u>	
Aliquot #5: Latitude: <u>33.54957909</u> N Longitude: <u>86.79663164</u> W	
Media description: <u>Same as #3</u>	

STATION ID: CV1014B SAMPLE ID: CV1014B
SAMPLE COLLECTION TIME: 1334

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

back 1/2 of 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 [☒] Instrument #: <u>16144</u> Logged? (☒ or N	
Aliquot #1: Latitude: <u>33.54975025</u> N Longitude: <u>86.79672442</u> W	
Media description: <u>dk brown silty clay dry</u>	
Aliquot #2 Latitude: <u>33.54987550</u> N Longitude: <u>86.79673070</u> W	
Media description: <u>light brown sandy clay dry</u>	
Aliquot #3: Latitude: <u>33.54980997</u> N Longitude: <u>86.79667640</u> W	
Media description: <u>Same as #2</u>	
Aliquot #4: Latitude: <u>33.54984449</u> N Longitude: <u>86.79661341</u> W	
Media description: <u>Same as #2</u>	
Aliquot #5: Latitude: <u>33.54976439</u> N Longitude: <u>86.79662070</u> W	
Media description: <u>Same as #2</u>	

(b) (6)

ADDRESS:

PROPERTY ID: CV1015

DATE:

5/23/13

ARRIVAL TIME:

1340

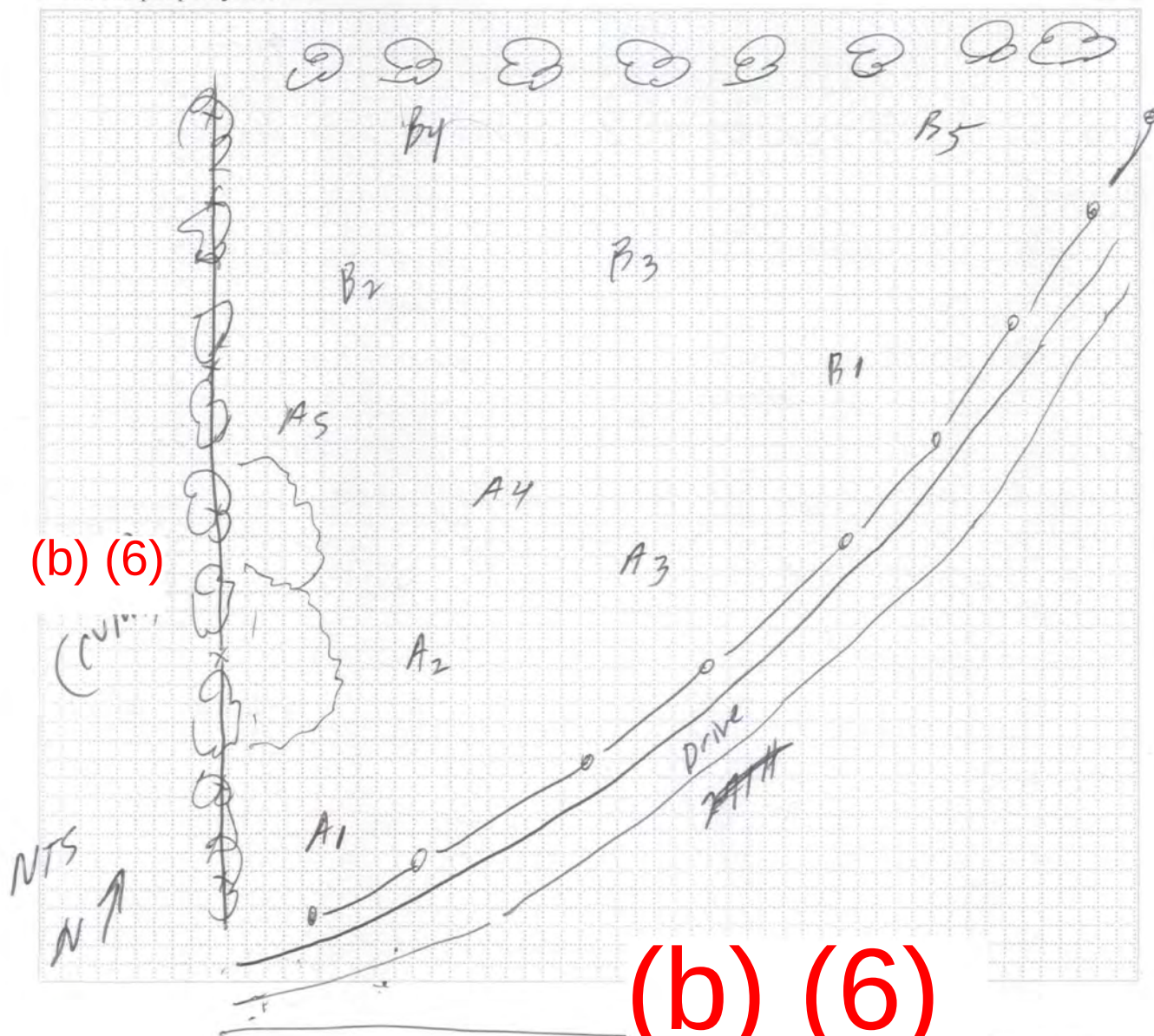
Other pertinent information (weather conditions, etc.):

78° F, mostly sunny, wind WNW @ 6 MPH

PROPERTY COMMENTS:

undeveloped lot

Grid for property sketch



STATION ID: CV1015A SAMPLE ID: CV1015A-CS

SAMPLE COLLECTION TIME: 1345

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

South side of 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 ☒	Instrument #: <u>16144</u>	Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.54961385</u>	N Longitude: <u>86.79654578</u>	W
Media description: <u>dk brwn clayey silt dry</u>		
Aliquot #2: Latitude: <u>33.54965737</u>	N Longitude: <u>86.79650681</u>	W
Media description: <u>Same as #1</u>		
Aliquot #3: Latitude: <u>33.54968643</u>	N Longitude: <u>86.79644775</u>	W
Media description: <u>Same as #1</u>		
Aliquot #4: Latitude: <u>33.54972953</u>	N Longitude: <u>86.79648282</u>	W
Media description: <u>Same as #1</u>		
Aliquot #5: Latitude: <u>33.54976921</u>	N Longitude: <u>86.79652174</u>	W
Media description: <u>Same as #1</u>		

STATION ID: CV1015B SAMPLE ID: CV1015B-CS

SAMPLE COLLECTION TIME: 1357

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

North side of 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 ☒	Instrument #: <u>16144</u>	Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.5493354973763</u>	N Longitude: <u>86.79642044</u>	W
Media description: <u>dk brwn clayey silt dry</u>		
Aliquot #2: Latitude: <u>33.54981502</u>	N Longitude: <u>86.79651499</u>	W
Media description: <u>Same as #1</u>		
Aliquot #3: Latitude: <u>33.54980791</u>	N Longitude: <u>86.79642699</u>	W
Media description: <u>Same as #1</u>		
Aliquot #4: Latitude: <u>33.54986260</u>	N Longitude: <u>86.79643755</u>	W
Media description: <u>Same as #1</u>		
Aliquot #5: Latitude: <u>33.54981708</u>	N Longitude: <u>86.79635439</u>	W
Media description: <u>Same as #1</u>		

(b) (6)

ADDRESS:

PROPERTY ID:

CV1008

DATE:

5/23/13

ARRIVAL TIME:

1430

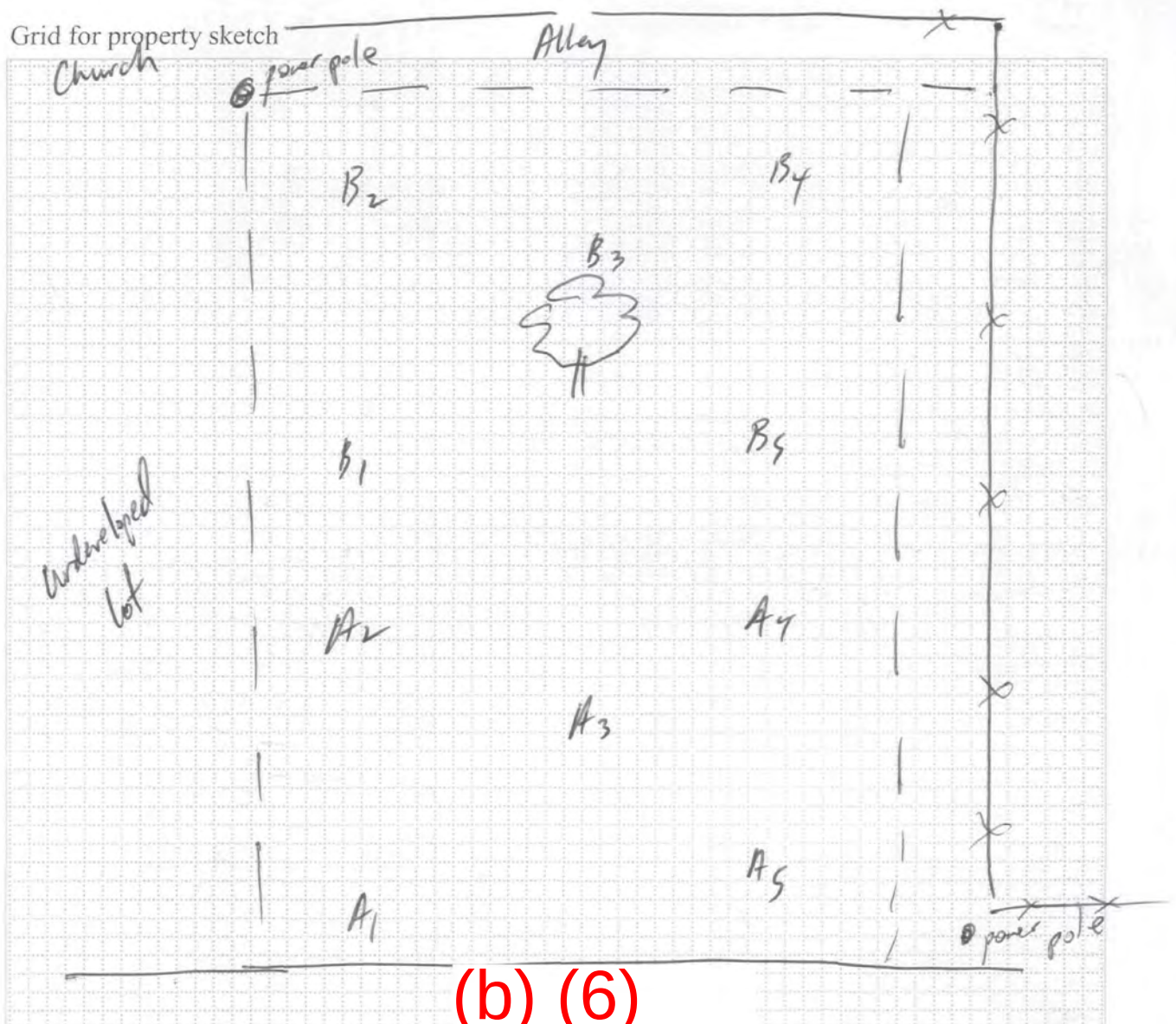
Other pertinent information (weather conditions, etc.):

83°F, sunny, wind WNW @ 0-5

PROPERTY COMMENTS:

undeveloped lot

Grid for property sketch



(b) (6)

STATION ID: CV1008 SAMPLE ID: CV1008A-CS

SAMPLE COLLECTION TIME: 1443

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

front 1/2 (street side) of 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 ☒ Instrument #: 16144 Logged? ☒ or N

Aliquot #1: Latitude: 33.54959754 N Longitude: 86.7787783412 W

Media description: dk brn silt w/ coal lags dry

Aliquot #2: Latitude: 33.54969739 N Longitude: 86.7785121 W

Media description: same as #1

Aliquot #3: Latitude: 33.54965613 N Longitude: 86.77780614 W

Media description: same as #1

Aliquot #4: Latitude: 33.54969984 N Longitude: 86.777773737 W

Media description: same as #1

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

Media description: same as #1

STATION ID: CV1008 SAMPLE ID: CV1008B-CS

SAMPLE COLLECTION TIME: 1500

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

back 1/2 of 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 ☒ Instrument #: 16144 Logged? ☒ or N

Aliquot #1: Latitude: 33.54976570 N Longitude: 86.77784283 W

Media description: dk brn silt dry

Aliquot #2: Latitude: 33.54984125 N Longitude: 86.77783407 W

Media description: same as #1 w/ coal lags dry

Aliquot #3: Latitude: 33.54981265 N Longitude: 86.77777807 W

Media description: same as #1

Aliquot #4: Latitude: 33.54984680 N Longitude: 86.77774525 W

Media description: same as #2

Aliquot #5: Latitude: 33.54975274 N Longitude: 86.77773156 W

Media description: same as #1

ADDRESS: 0 (b) (6) PROPERTY ID: HP0331
DATE: 5/24/13 ARRIVAL TIME: _____

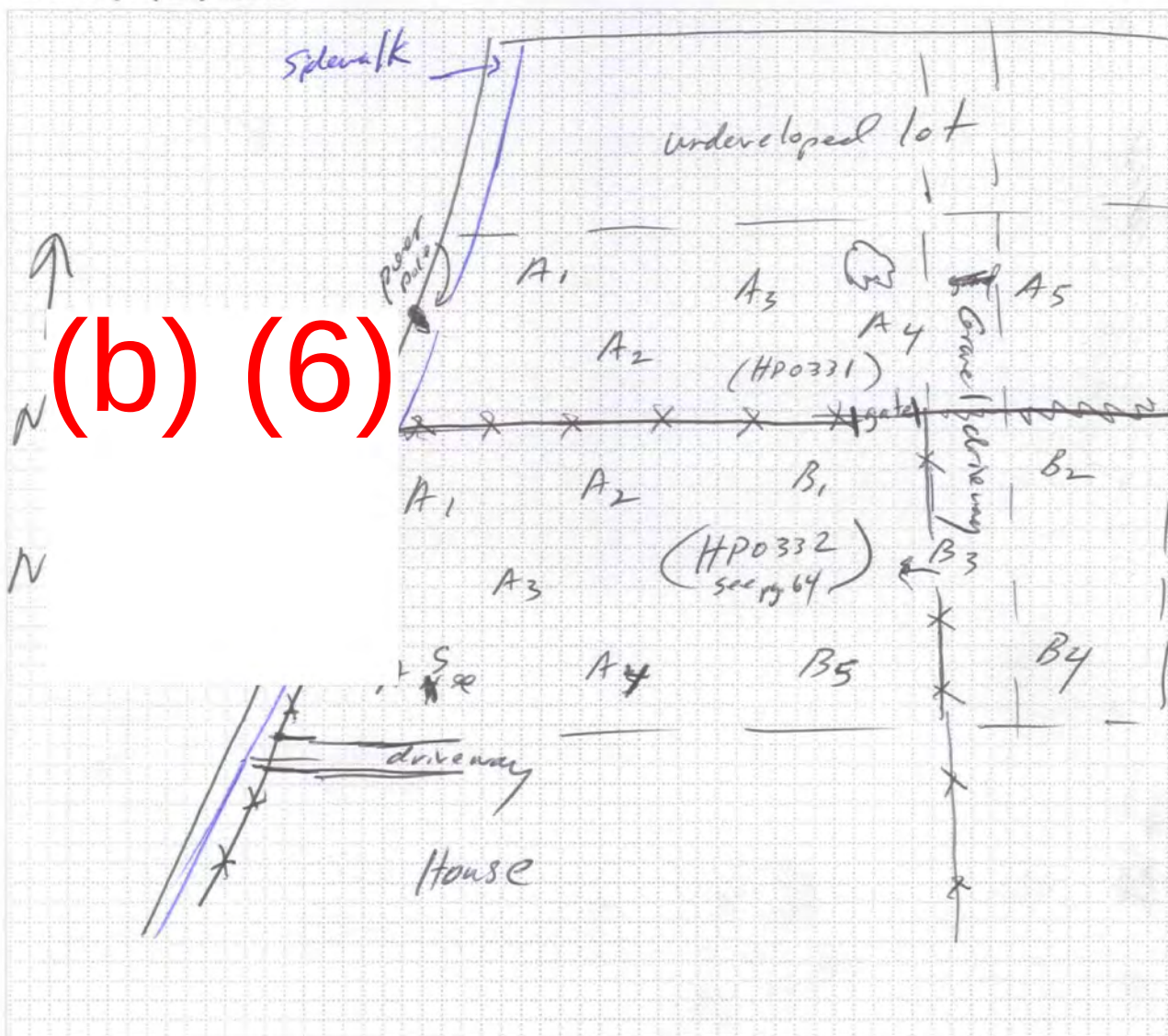
Other pertinent information (weather conditions, etc.):

63.72° F, wind N@ 8MPH mostly sunny

PROPERTY COMMENTS:

undeveloped lot associated w/ New Progress
Missionary Church

Grid for property sketch



STATION ID: HP0331A SAMPLE ID: HP0331A-CS-SP

SAMPLE COLLECTION TIME: 0825

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

entire 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: HP0331A

GPS Coordinates:	Trimble ☒	Instrument #:	<u>16144</u>	Logged?	☒	or N
Aliquot #1:	Latitude:	<u>33.56178757</u>	N Longitude	<u>86.79835998</u>		W
	Media description:	<u>brn silty clay dry</u>				
Aliquot #2:	Latitude:	<u>33.56174877</u>	N Longitude	<u>86.79829797</u>		W
	Media description:	<u>same as #1</u>				
Aliquot #3:	Latitude:	<u>33.56176957</u>	N Longitude	<u>86.79823774</u>		W
	Media description:	<u>same as #1</u>				
Aliquot #4:	Latitude:	<u>33.56174110</u>	N Longitude	<u>86.79817806</u>		W
	Media description:	<u>same as #1</u>				
Aliquot #5:	Latitude:	<u>33.56176465</u>	N Longitude	<u>86.79804799</u>		W
	Media description:	<u>blk silt w/ coal frags moist</u>				

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

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

Collection: Composite or Grab

MS/MSD? Y or N

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

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

ADDRESS: 0 Fl ShuH/es north PROPERTY ID: HP0332

DATE: 5/24/13 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

64°F, mostly sunny, wind N @ 8 mph

PROPERTY COMMENTS:

undeveloped lot south of HP0331
& northwest of New Progress Missionary
church

Grid for property sketch



STATION ID: HP0332A SAMPLE ID: HP0332A-CS-SP

SAMPLE COLLECTION TIME: 0837

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
front 1/2 (street side) of 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: HP0332A

GPS Coordinates: Trimble ☒ Instrument #: <u>16144</u>		Logged? ☒ or N	
Aliquot #1: Latitude: <u>33.56172023</u>	N Longitude <u>86.79841142</u>	W	
Media description: <u>brn silt moist</u>			
Aliquot #2: Latitude: <u>33.56172084</u>	N Longitude <u>86.79826381</u>	W	
Media description: <u>same as #1</u>			
Aliquot #3: Latitude: <u>33.56169354</u>	N Longitude <u>86.79834309</u>	W	
Media description: <u>same as #1</u>			
Aliquot #4: Latitude: <u>33.56167271</u>	N Longitude <u>86.79826517</u>	W	
Media description: <u>same as #1</u>			
Aliquot #5: Latitude: <u>33.56167752</u>	N Longitude <u>86.79844129</u>	W	
Media description: <u>brn silt w/ coal lags dry</u>			

STATION ID: HP0332B SAMPLE ID: HP0332B-CS-SP

SAMPLE COLLECTION TIME: 0846

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
back 1/2 of 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: HP0332B

GPS Coordinates: Trimble ☒ Instrument #: <u>16144</u>		Logged? ☒ or N	
Aliquot #1: Latitude: <u>33.56171776</u>	N Longitude <u>86.79820609</u>	W	
Media description: <u>brn silt dry</u>			
Aliquot #2: Latitude: <u>33.56170796</u>	N Longitude <u>86.79803540</u>	W	
Media description: <u>dk silt w/ coal lags moist</u>			
Aliquot #3: Latitude: <u>33.56169443</u>	N Longitude <u>86.79816727</u>	W	
Media description: <u>dk brn silt w/ gravel dry</u>			
Aliquot #4: Latitude: <u>33.56163556</u>	N Longitude <u>86.79804064</u>	W	
Media description: <u>same as #2</u>			
Aliquot #5: Latitude: <u>33.56166847</u>	N Longitude <u>86.79821062</u>	W	
Media description: <u>same as #1</u>			