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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: 6/3/2013 - 6/7/2013

List of Sampling Team in logbook:

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

Sampling Procedures and Methodology

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

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

- For residential properties with a total parcel lot size equal to or less than (\leq) 5,000 square feet - the front yard and back yards of each property. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may also be collected from the side yard. Aliquots will be collected away from influences with drip lines and burn areas in a five dice configuration (each of the four corners and the center).
- For residential properties with a total parcel lot size greater than ($>$) 5,000 square feet and \leq $\frac{1}{4}$ -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 SESD FBQSTP Sediment Sampling (SESDPROC-200-R2) from any surface water drainage pathways located on individual properties, as directed by the OSC, and in and along the banks of the 34th Street North Ditch.

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

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

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

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

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

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

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

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

(b) (6)

ADDRESS:

PROPERTY ID:

CV0435

DATE: 6/3/13

ARRIVAL TIME: 1305

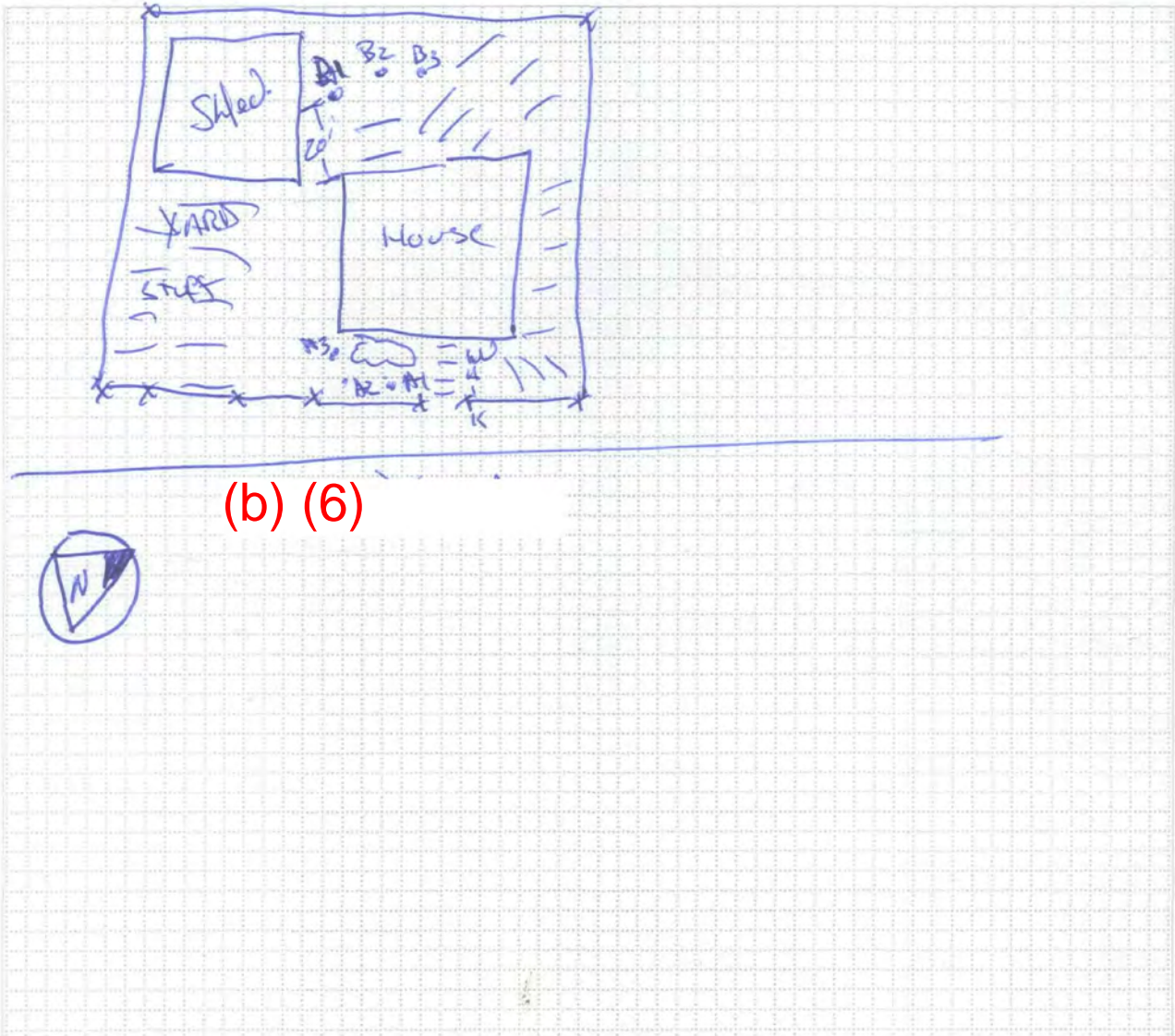
Other pertinent information (weather conditions, etc.):

82° overcast

PROPERTY COMMENTS:

Parcel Has lots of yard decorations

Grid for property sketch



STATION ID: CV0435 SAMPLE ID: CV0435A-CS-5

SAMPLE COLLECTION TIME: 1805

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

Front By Drive

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0435A-CS-5

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.56037769</u> N Longitude <u>86.80113063</u> W
Media description: <u>Brom silty clay + coal & gravel</u>
Aliquot #2 Latitude: <u>33.56039476</u> N Longitude <u>86.80114680</u> W
Media description: <u>SAME A1</u>
Aliquot #3: Latitude: <u>33.56041021</u> N Longitude <u>86.80113366</u> W
Media description: <u>SAME A1</u>
Aliquot #4: Latitude: _____ N Longitude _____ W
Media description: _____
Aliquot #5: Latitude: _____ N Longitude _____ W
Media description: <u>6/3/13</u>

STATION ID: CV0435 SAMPLE ID: CV0435B-CS

SAMPLE COLLECTION TIME: 1335

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

Back of Parcel

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0435B-CS-5

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.56051442</u> N Longitude <u>86.80105094</u> W
Media description: <u>Brom silty clay + coal & gravel</u>
Aliquot #2 Latitude: <u>33.56050702</u> N Longitude <u>86.80102371</u> W
Media description: <u>SAME as B1</u>
Aliquot #3: Latitude: <u>33.56049496</u> N Longitude <u>86.80098111</u> W
Media description: <u>SAME AS B1</u>
Aliquot #4: Latitude: _____ N Longitude _____ W
Media description: _____
Aliquot #5: Latitude: _____ N Longitude _____ W
Media description: <u>6/3/13</u>

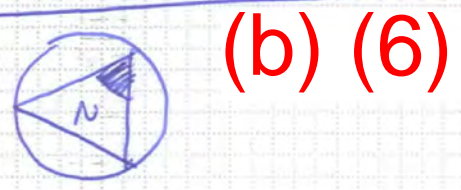
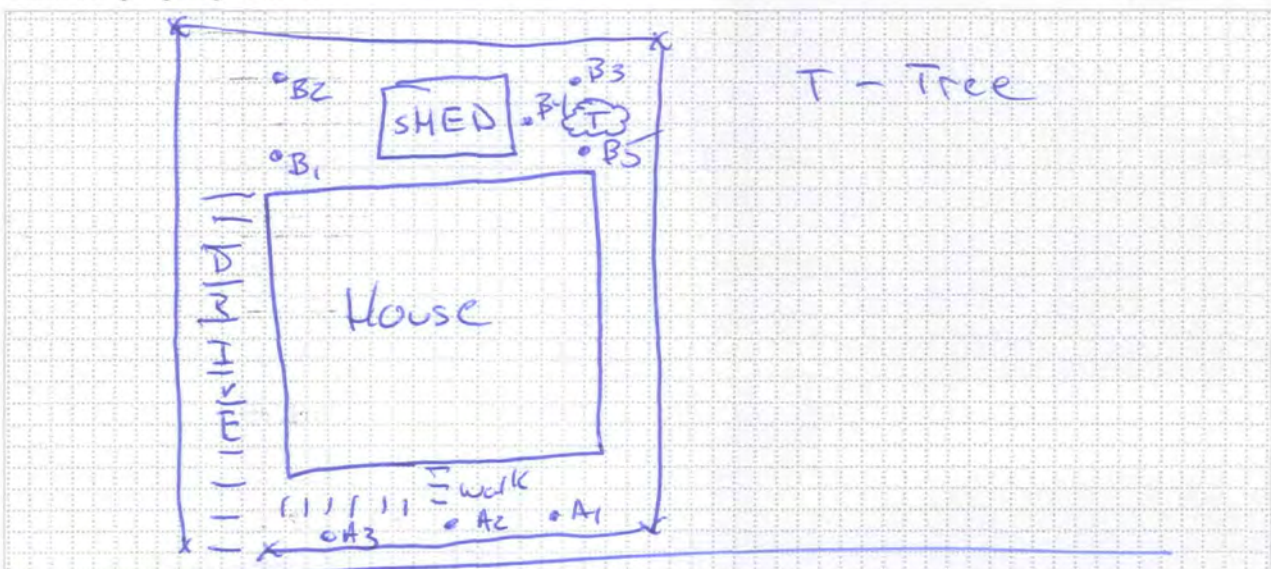
ADDRESS: **(b) (6)** PROPERTY ID: CV0690

DATE: 6/3/13 ARRIVAL TIME: 1350
1350

Other pertinent information (weather conditions, etc.):
83° sunny

PROPERTY COMMENTS:
House covers most of parcel

Grid for property sketch



STATION ID: CV0690 SAMPLE ID: CV0690A-CS-SP

SAMPLE COLLECTION TIME: 1355

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

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0690A-CS-SP

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #: <u>020168</u>	Logged? Y or N
Aliquot #1: Latitude: <u>33.55919151</u>	N Longitude: <u>86.80247803</u>	W
Media description: <u>Brown silty clay</u>		
Aliquot #2: Latitude: <u>33.53921602</u>	N Longitude: <u>86.80245353</u>	W
Media description: <u>SAME A1</u>		
Aliquot #3: Latitude: <u>33.5592451</u>	N Longitude: <u>86.80243632</u>	W
Media description: <u>SAME A1</u>		
Aliquot #4: Latitude: _____	N Longitude: _____	W
Media description: _____		
Aliquot #5: Latitude: _____	N Longitude: _____	W
Media description: _____		

STATION ID: CV0690 SAMPLE ID: CV0690B-CS-SP

SAMPLE COLLECTION TIME: 1405

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

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0690B-CS-SP

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #: <u>020168</u>	Logged? Y or N
Aliquot #1: Latitude: <u>CV0690 33.55909401</u>	N Longitude: <u>86.80215515</u>	W
Media description: <u>Brown silty sandy soil w/ white material</u>		
Aliquot #2: Latitude: <u>33.55904850</u>	N Longitude: <u>86.8029831</u>	W
Media description: <u>SAME B1</u>		
Aliquot #3: Latitude: <u>33.55899264</u>	N Longitude: <u>86.80216621</u>	W
Media description: <u>SAME B1</u>		
Aliquot #4: Latitude: <u>33.55902373</u>	N Longitude: <u>86.80219095</u>	W
Media description: <u>SAME B1</u>		
Aliquot #5: Latitude: <u>33.55903831</u>	N Longitude: <u>86.80222107</u>	W
Media description: <u>SAME B1</u>		

ADDRESS: (b) (6)

PROPERTY ID: CVO679

DATE: 6/3/13

ARRIVAL TIME: 1425

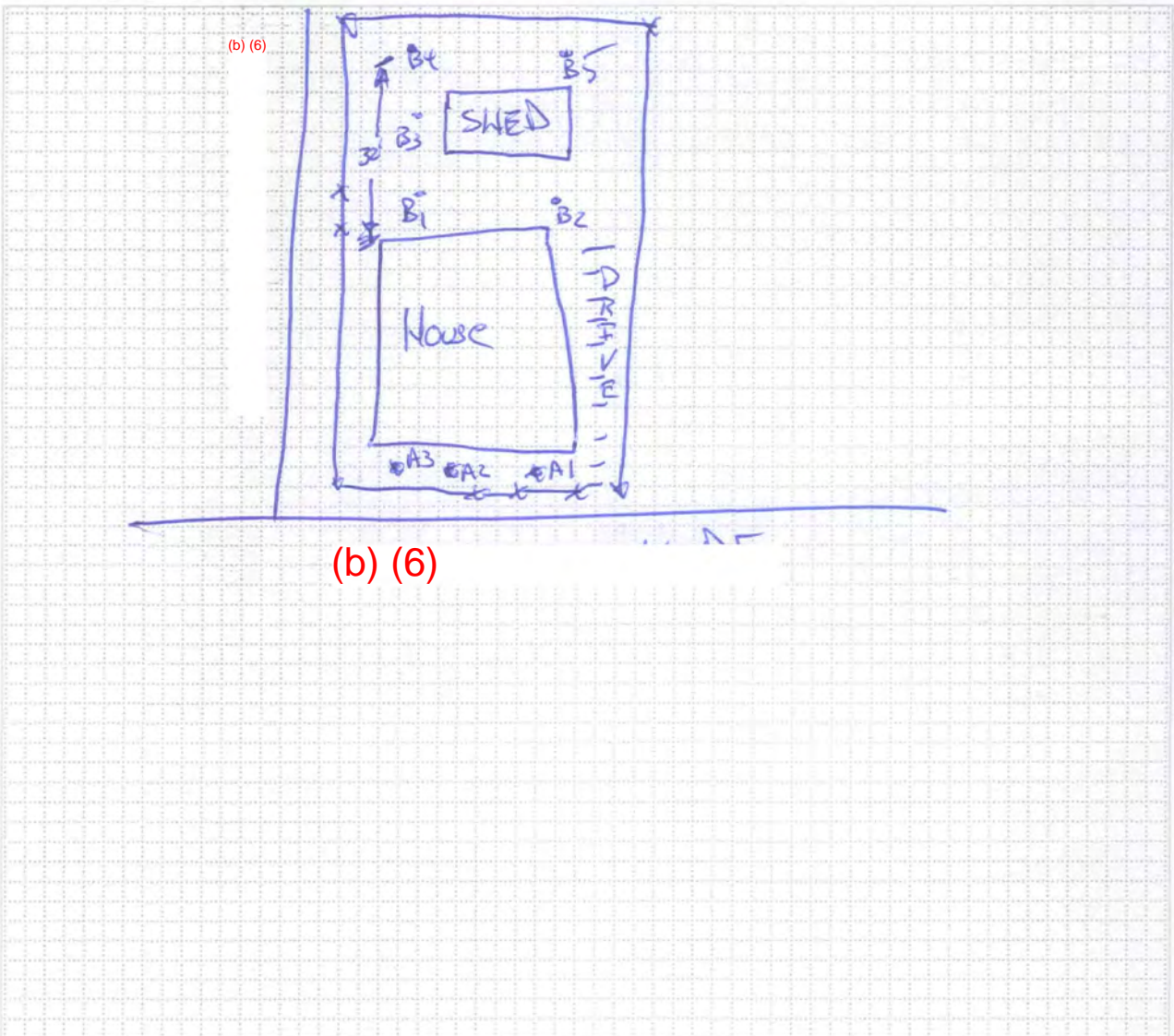
Other pertinent information (weather conditions, etc.):

83° sunny

PROPERTY COMMENTS:

corner parcel

Grid for property sketch



STATION ID: CV0679 SAMPLE ID: CV0679Acs-SP

SAMPLE COLLECTION TIME: 1440

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

Front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0679A-CS-SP

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.56171965</u> N Longitude <u>86.7984012</u> W Media description: <u>Brown/Dark silty clay</u>
Aliquot #2: Latitude: <u>33.5619304</u> N Longitude <u>86.79863364</u> W Media description: <u>Same A1</u>
Aliquot #3: Latitude: <u>33.56162885</u> N Longitude <u>86.79866383</u> W Media description: <u>Same A1</u>
Aliquot #4: Latitude: _____ N Longitude _____ W Media description: _____
Aliquot #5: Latitude: _____ N Longitude _____ W Media description: <u>06/3/13</u>

STATION ID: CV0679 SAMPLE ID: CV0679Bcs-SP

SAMPLE COLLECTION TIME: 1450

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

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0679B-CS-SP

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.56177447</u> N Longitude <u>86.79879668</u> W Media description: <u>Brown/Dark silty clay</u>
Aliquot #2: Latitude: <u>33.56182412</u> N Longitude <u>86.79871810</u> W Media description: <u>Same B1</u>
Aliquot #3: Latitude: <u>33.56182868</u> N Longitude <u>86.79889942</u> W Media description: <u>Same B1</u>
Aliquot #4: Latitude: <u>33.56183068</u> N Longitude <u>86.79888682</u> W Media description: <u>Same B1</u>
Aliquot #5: Latitude: <u>33.56188001</u> N Longitude <u>86.79884839</u> W Media description: <u>Same B1 + coal</u>

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

PROPERTY ID: CV0492

DATE: 6/4/13

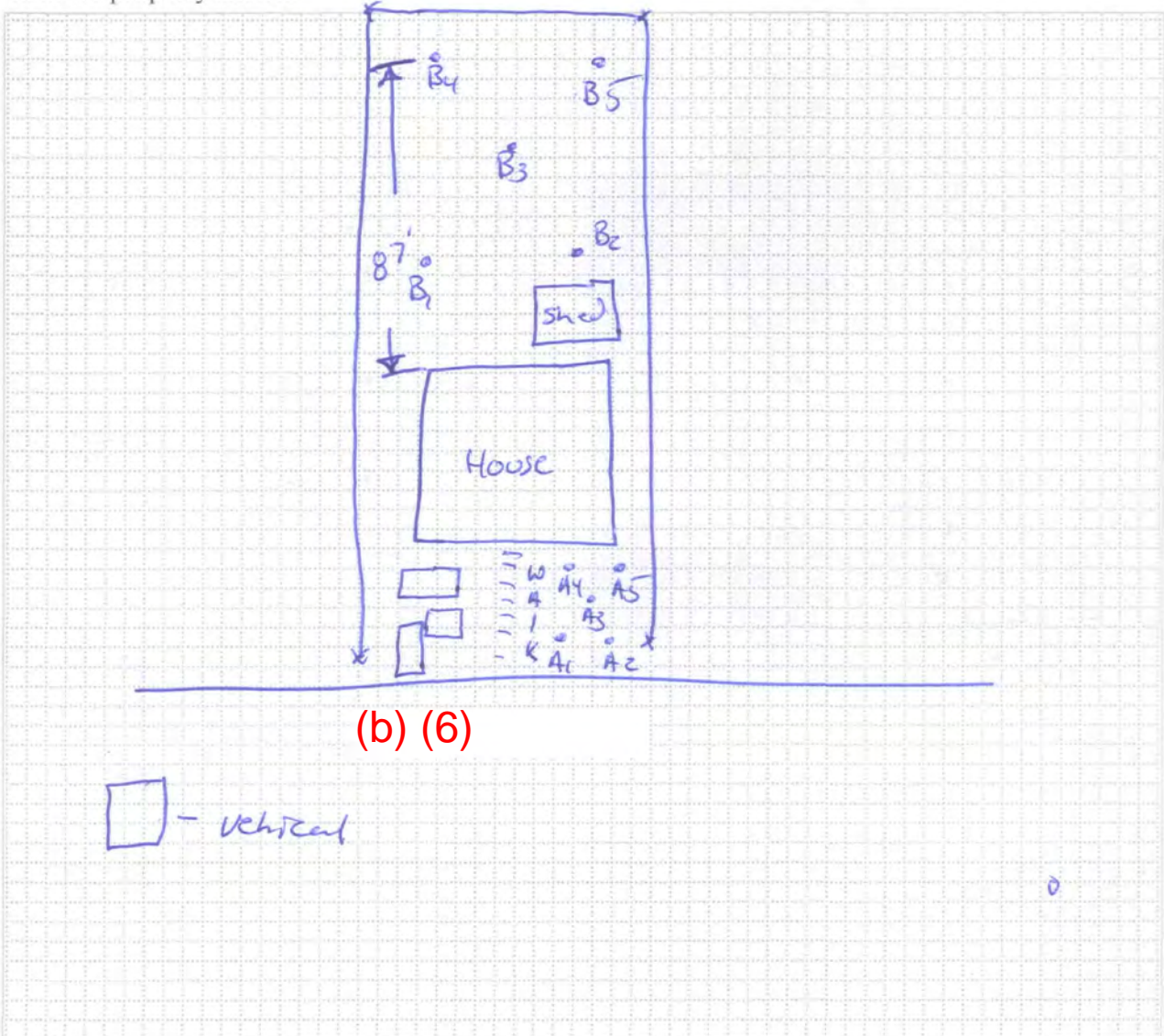
ARRIVAL TIME: 810

Other pertinent information (weather conditions, etc.):

77° sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV049Z SAMPLE ID: CV0492A-CS-SF

SAMPLE COLLECTION TIME: 0825

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

Front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0492A-CS-SF

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>]	Instrument #:	<u>020168</u>	Logged?	Y or N
Aliquot #1:	Latitude:	<u>33.56017227</u>	N Longitude	<u>86.80256938</u>	W
	Media description:	<u>Brown silty clay w/gravel</u>			
Aliquot #2:	Latitude:	<u>33.36022517</u>	N Longitude	<u>86.80258418</u>	W
	Media description:	<u>SAME A1</u>			
Aliquot #3:	Latitude:	<u>33.56019256</u>	N Longitude	<u>86.80262305</u>	W
	Media description:	<u>SAME A1</u>			
Aliquot #4:	Latitude:	<u>33.56016273</u>	N Longitude	<u>86.8026464</u>	W
	Media description:	<u>SAME A1</u>			
Aliquot #5:	Latitude:	<u>33.56019417</u>	N Longitude	<u>86.80266598</u>	W
	Media description:	<u>SAME A1</u>			

STATION ID: CV049Z SAMPLE ID: CV0492B-CS-SF

SAMPLE COLLECTION TIME: 0835

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

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0497B-CS-SF

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>]	Instrument #:	<u>020168</u>	Logged?	Y or N
Aliquot #1:	Latitude:	<u>33.56004820</u>	N Longitude	<u>86.80278994</u>	W
	Media description:	<u>Brown silty clay w/gravel</u>			
Aliquot #2:	Latitude:	<u>33.56013904</u>	N Longitude	<u>86.80284749</u>	W
	Media description:	<u>SAME B1</u>			
Aliquot #3:	Latitude:	<u>33.56007475</u>	N Longitude	<u>86.80288280</u>	W
	Media description:	<u>SAME B1</u>			
Aliquot #4:	Latitude:	<u>33.56002338</u>	N Longitude	<u>86.80293024</u>	W
	Media description:	<u>SAME B1</u>			
Aliquot #5:	Latitude:	<u>33.56008066</u>	N Longitude	<u>86.80297046</u>	W
	Media description:	<u>SAME B1</u>			

ADDRESS: **(b) (6)** PROPERTY ID: CV0709

DATE: 6/24/13 ARRIVAL TIME: 0930

Other pertinent information (weather conditions, etc.):

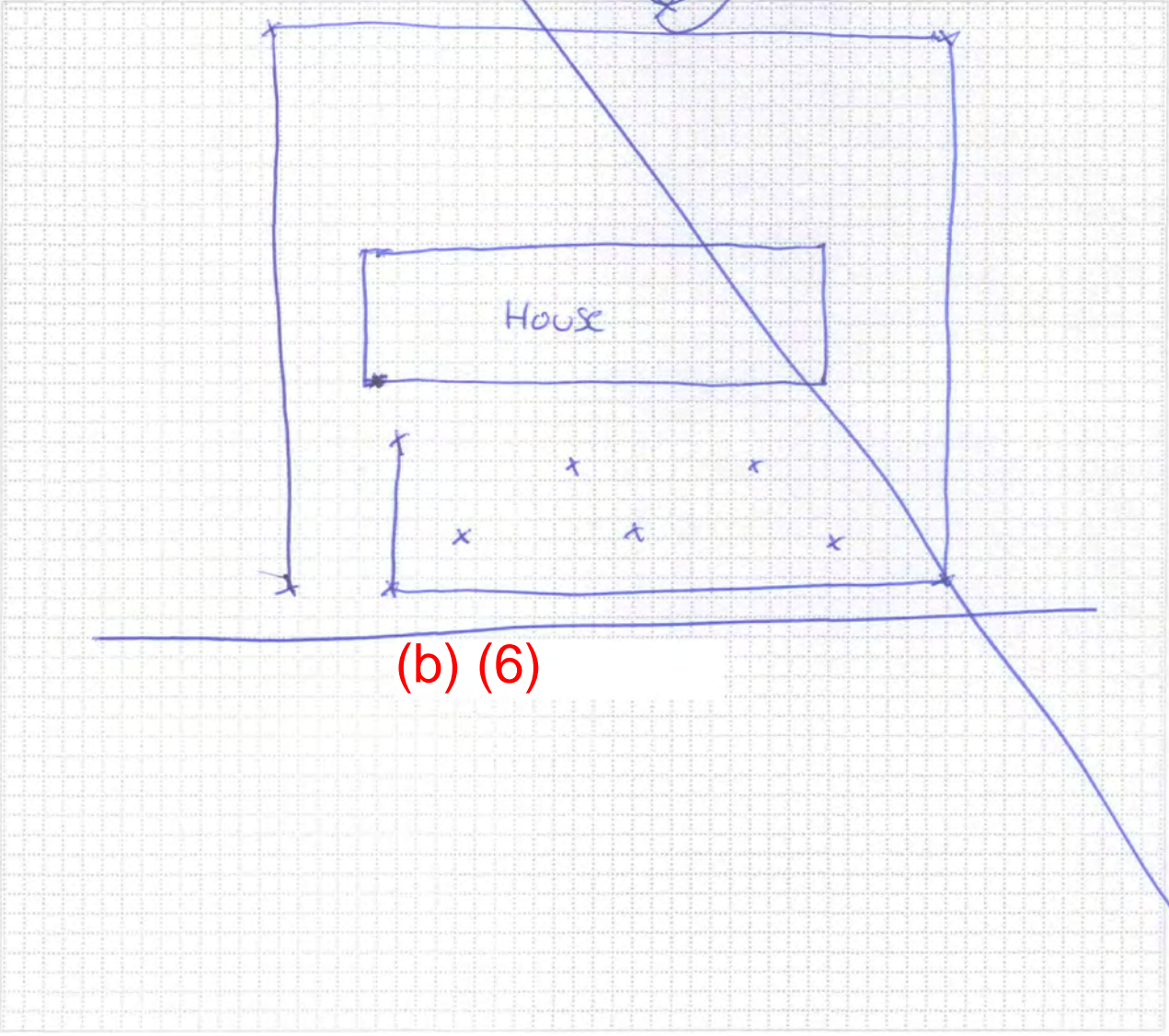
81°

PROPERTY COMMENTS:

*Refused
Sampling*

DT

Grid for property sketch



(b) (6)

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: _____			

6/4/13

SP

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: CU0710

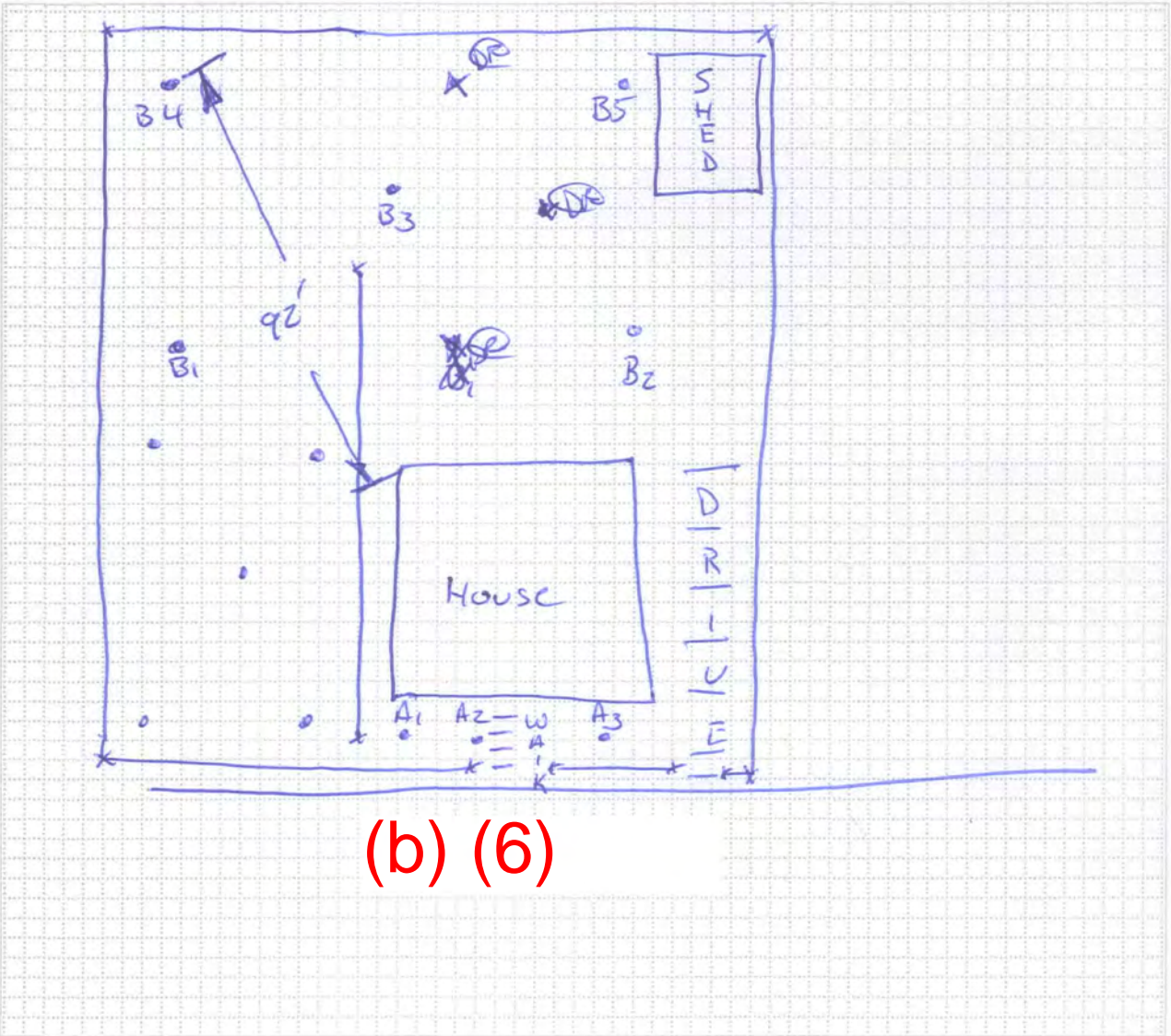
DATE: 6/4/13 ARRIVAL TIME: 1000

Other pertinent information (weather conditions, etc.):

81° sunny

PROPERTY COMMENTS:

Grid for property sketch



(b) (6)

STATION ID: CV0710 SAMPLE ID: CV0710A-CS-SP

SAMPLE COLLECTION TIME: ~~1010~~ 1000

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

Front yard.

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0710A-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.56141494</u> N Longitude <u>86.80007351</u> W Media description: <u>Brown silty sand.</u>
Aliquot #2 Latitude: <u>33.56138405</u> N Longitude <u>86.80010621</u> W Media description: <u>Brown silty sand</u>
Aliquot #3: Latitude: <u>33.56134550</u> N Longitude <u>86.80014667</u> W Media description: <u>SAME A1</u>
Aliquot #4: Latitude: _____ N Longitude _____ W Media description: _____
Aliquot #5: Latitude: _____ N Longitude _____ W Media description: <u>06/04/13</u>

STATION ID: CV0710 SAMPLE ID: CV0710B-CS-SP

SAMPLE COLLECTION TIME: ~~1020~~ 1010

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

Back yard.

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0710B-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020169</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.56134444</u> N Longitude <u>86.79978425</u> W Media description: <u>Brown silty clay</u>
Aliquot #2 Latitude: <u>33.56120501</u> N Longitude <u>86.79992817</u> W Media description: <u>Brown silty clay</u>
Aliquot #3: Latitude: <u>33.56124406</u> N Longitude <u>86.79981628</u> W Media description: <u>Brown silty clay</u>
Aliquot #4: Latitude: <u>33.56126936</u> N Longitude <u>86.79970040</u> W Media description: <u>Brown silty clay</u>
Aliquot #5: Latitude: <u>86.79983235</u> N Longitude <u>86.79983235</u> W Media description: <u>Brown silty clay</u>

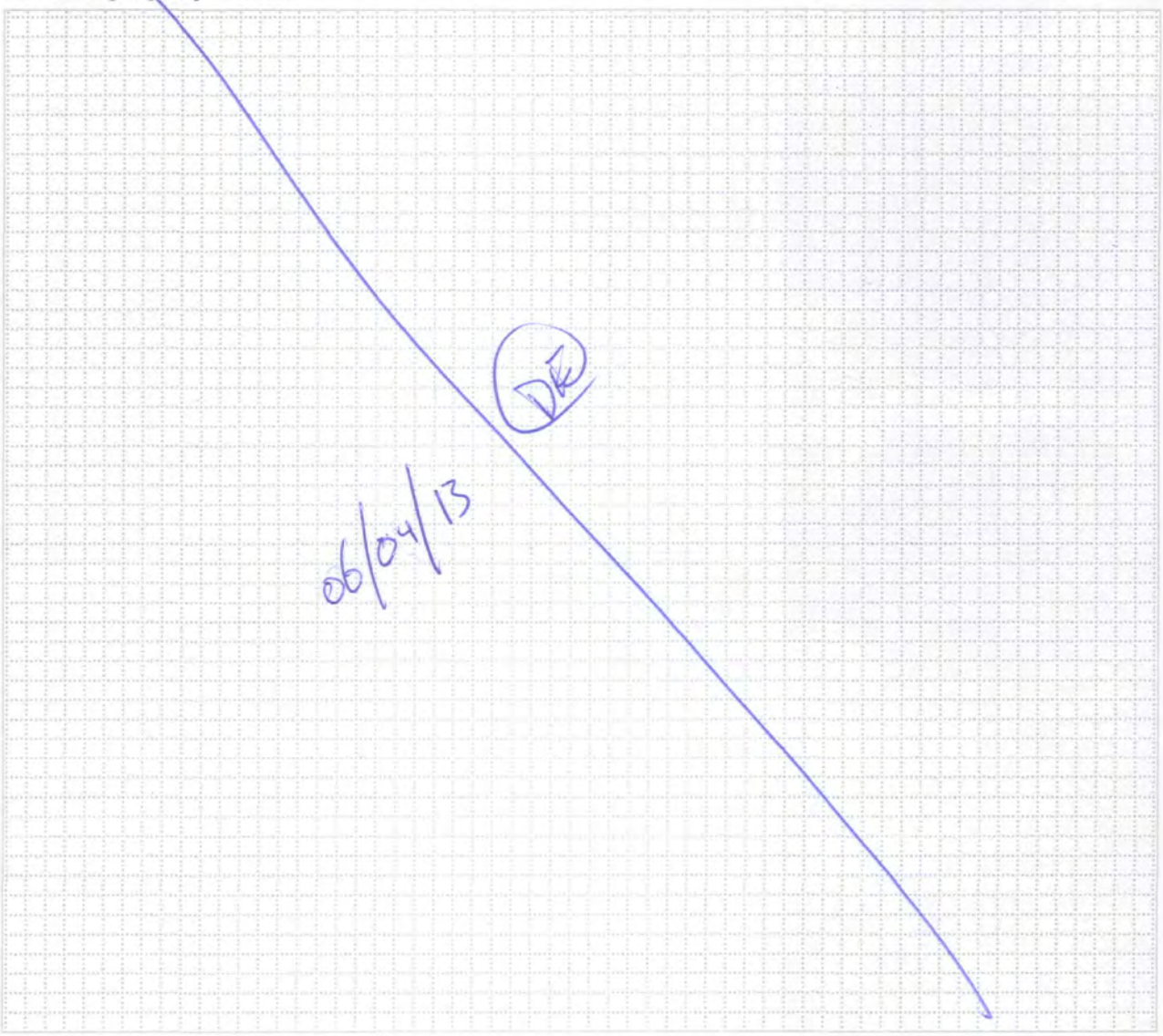
ADDRESS: Cont PROPERTY ID: CU0710

DATE: 6/4/13 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0710 ^{DP} SAMPLE ID: CV0710C-CS-SP

SAMPLE COLLECTION TIME: 1030-1020

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: CV0710C-CS-SP

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #: <u>020168</u>	Logged? Y or N
Aliquot #1: Latitude: <u>33.56142141</u>	N Longitude: <u>86.80002922</u>	W
Media description: <u>Brown silty Clay</u>		
Aliquot #2: Latitude: <u>33.56149994</u>	N Longitude: <u>86.79995000</u>	W
Media description: <u>SAME C1</u>		
Aliquot #3: Latitude: <u>33.56141610</u>	N Longitude: <u>86.79993383</u>	W
Media description: <u>SAME C1</u>		
Aliquot #4: Latitude: <u>33.56139446</u>	N Longitude: <u>86.79982074</u>	W
Media description: <u>SAME C1</u>		
Aliquot #5: Latitude: <u>33.56132406</u>	N Longitude: <u>86.79990076</u>	W
Media description: <u>SAME C1</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: <u>06/4/13</u>	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:

CV0625

DATE:

6/4/13

ARRIVAL TIME:

1210

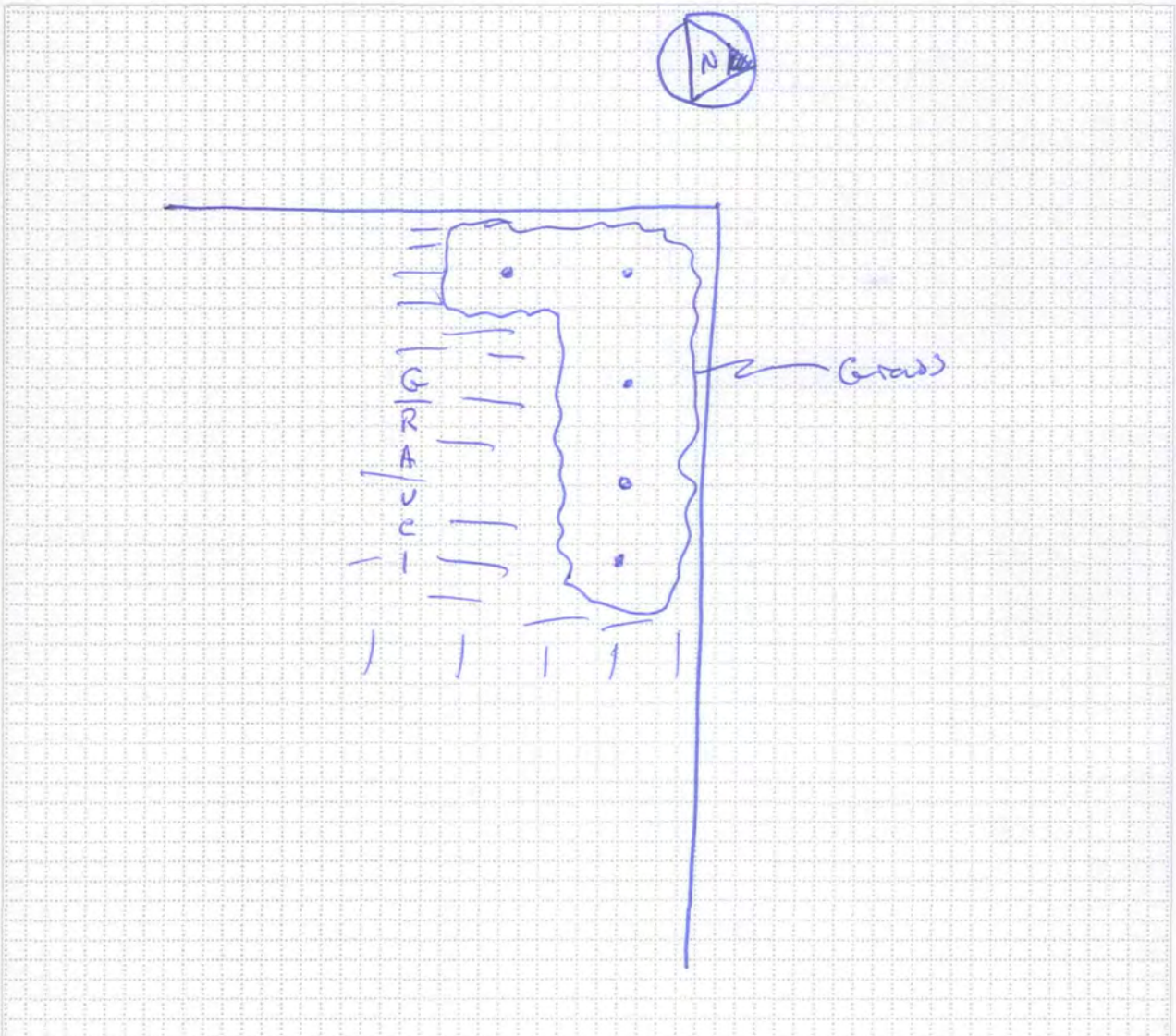
Other pertinent information (weather conditions, etc.):

87° sunny

PROPERTY COMMENTS:

Empty Parcel

Grid for property sketch



STATION ID: CV06258 SAMPLE ID: CV0625A-CS-SP

SAMPLE COLLECTION TIME: 1220

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

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0625

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55731362</u> N Longitude <u>86.80315382</u> W Media description: <u>Dark Brown Sandy s.l.T + gravel + clay</u>
Aliquot #2: Latitude: <u>33.55733010</u> N Longitude <u>86.80312362</u> W Media description: <u>same A1</u>
Aliquot #3: Latitude: <u>33.55730777</u> N Longitude <u>86.80310295</u> W Media description: <u>same A1</u>
Aliquot #4: Latitude: <u>33.55727918</u> N Longitude <u>86.80308234</u> W Media description: <u>same A1</u>
Aliquot #5: Latitude: <u>33.55724277</u> N Longitude <u>86.80305882</u> W Media description: <u>same A1</u>

STATION ID: CV0625 DP SAMPLE ID: CV0625P DE

SAMPLE COLLECTION TIME: _____

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

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

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

GPS Coordinates: Trimble [] Instrument #: _____ Logged? Y or N
Aliquot #1: Latitude: <u>06/4/13</u> <u>DP</u> 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: CV0622

DATE: 6/4/13

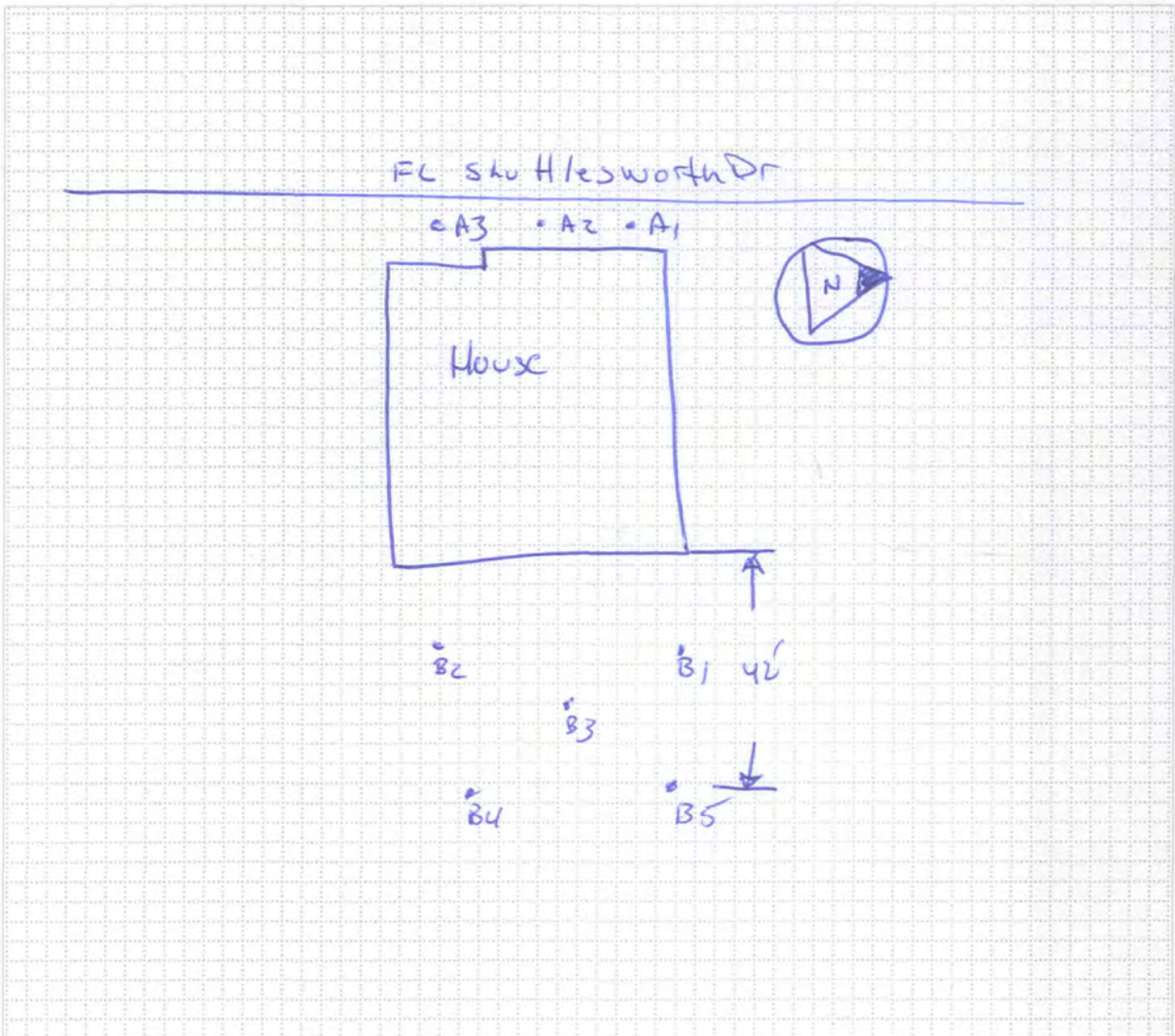
ARRIVAL TIME: 1230

Other pertinent information (weather conditions, etc.):

87° sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0622 SAMPLE ID: CV0622A-CS-SP

SAMPLE COLLECTION TIME: 1235

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

Front yard

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0622A-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55726393</u> N Longitude <u>86.80322080</u> W Media description: <u>Brown silty sand w/gravel</u>
Aliquot #2 Latitude: <u>33.55723913</u> N Longitude <u>86.80326171</u> W Media description: <u>SAME A1</u>
Aliquot #3: Latitude: <u>33.55721231</u> N Longitude <u>86.80329775</u> W Media description: <u>SAME A1</u>
Aliquot #4: Latitude: _____ N Longitude _____ W Media description: _____
Aliquot #5: Latitude: _____ N Longitude _____ W Media description: _____

STATION ID: CV0622 SAMPLE ID: CV0622B-CS-SP

SAMPLE COLLECTION TIME: 1245

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

Back yard

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0622B-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55711558</u> N Longitude <u>86.80312768</u> W Media description: <u>Brown silty sandy clay w/gravel + slag</u>
Aliquot #2 Latitude: <u>33.55708283</u> N Longitude <u>86.80321689</u> W Media description: <u>SAME B1</u>
Aliquot #3: Latitude: <u>33.55706669</u> N Longitude <u>86.80316751</u> W Media description: <u>SAME B1</u>
Aliquot #4: Latitude: <u>33.55706003</u> N Longitude <u>86.80313824</u> W Media description: <u>SAME B1</u>
Aliquot #5: Latitude: <u>33.55702042</u> N Longitude <u>86.80317151</u> W Media description: <u>SAME B1</u>

ADDRESS: **(b) (6)** PROPERTY ID: CV-0232

DATE: 6/4/13 ARRIVAL TIME: 1340

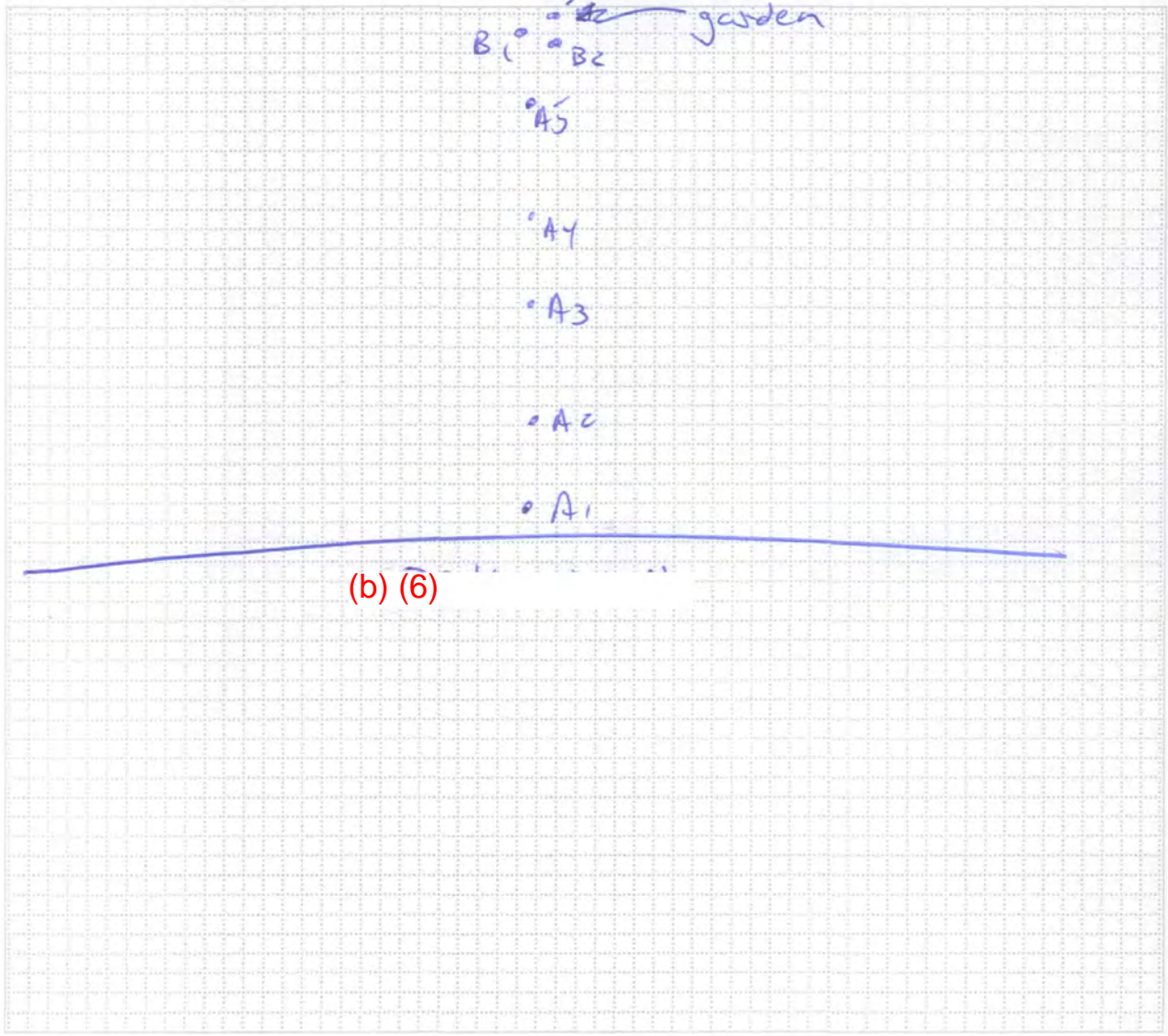
Other pertinent information (weather conditions, etc.):

89° Sunny

PROPERTY COMMENTS:

Empty Parcel

Grid for property sketch



STATION ID: CV0732 SAMPLE ID: CV0732A-CS-SP

SAMPLE COLLECTION TIME: 1350

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

Empty Paved

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0732A-CS-SP

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>] Instrument #:	<u>020168</u>	Logged?	Y or N
Aliquot #1:	Latitude:	<u>33.55771660</u>	N Longitude	<u>86.80661458</u> W
	Media description:	<u>Brown silty clay with gravel</u>		
Aliquot #2:	Latitude:	<u>33.55771771</u>	N Longitude	<u>86.80656485</u> W
	Media description:	<u>SAME A1</u>		
Aliquot #3:	Latitude:	<u>33.55771557</u>	N Longitude	<u>86.80652101</u> W
	Media description:	<u>SAME A1</u>		
Aliquot #4:	Latitude:	<u>33.55772477</u>	N Longitude	<u>86.80847803</u> W
	Media description:	<u>SAME A1</u>		
Aliquot #5:	Latitude:	<u>33.55772064</u>	N Longitude	<u>86.80640544</u> W
	Media description:	<u>SAME A1</u>		

STATION ID: CV0732 SAMPLE ID: CV0732B-CS-SP

SAMPLE COLLECTION TIME: 1340

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

vegetable garden

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0732B-CS-SP

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>] Instrument #:	<u>020168</u>	Logged?	Y or N
Aliquot #1:	Latitude:	<u>33.55772829</u>	N Longitude	<u>86.80632232</u> W
	Media description:	<u>Brown silty soil</u>		
Aliquot #2:	Latitude:	<u>33.55771562</u>	N Longitude	<u>86.80631327</u> W
	Media description:	<u>SAME B1</u>		
Aliquot #3:	Latitude:	<u>33.55771089</u>	N Longitude	<u>86.80630314</u> W
	Media description:	<u>SAME B1</u>		
Aliquot #4:	Latitude:		N Longitude	
	Media description:	<u>OK</u>		
Aliquot #5:	Latitude:		N Longitude	
	Media description:	<u>06/04/13</u>		

(b) (6)

ADDRESS: _____ PROPERTY ID: C10027

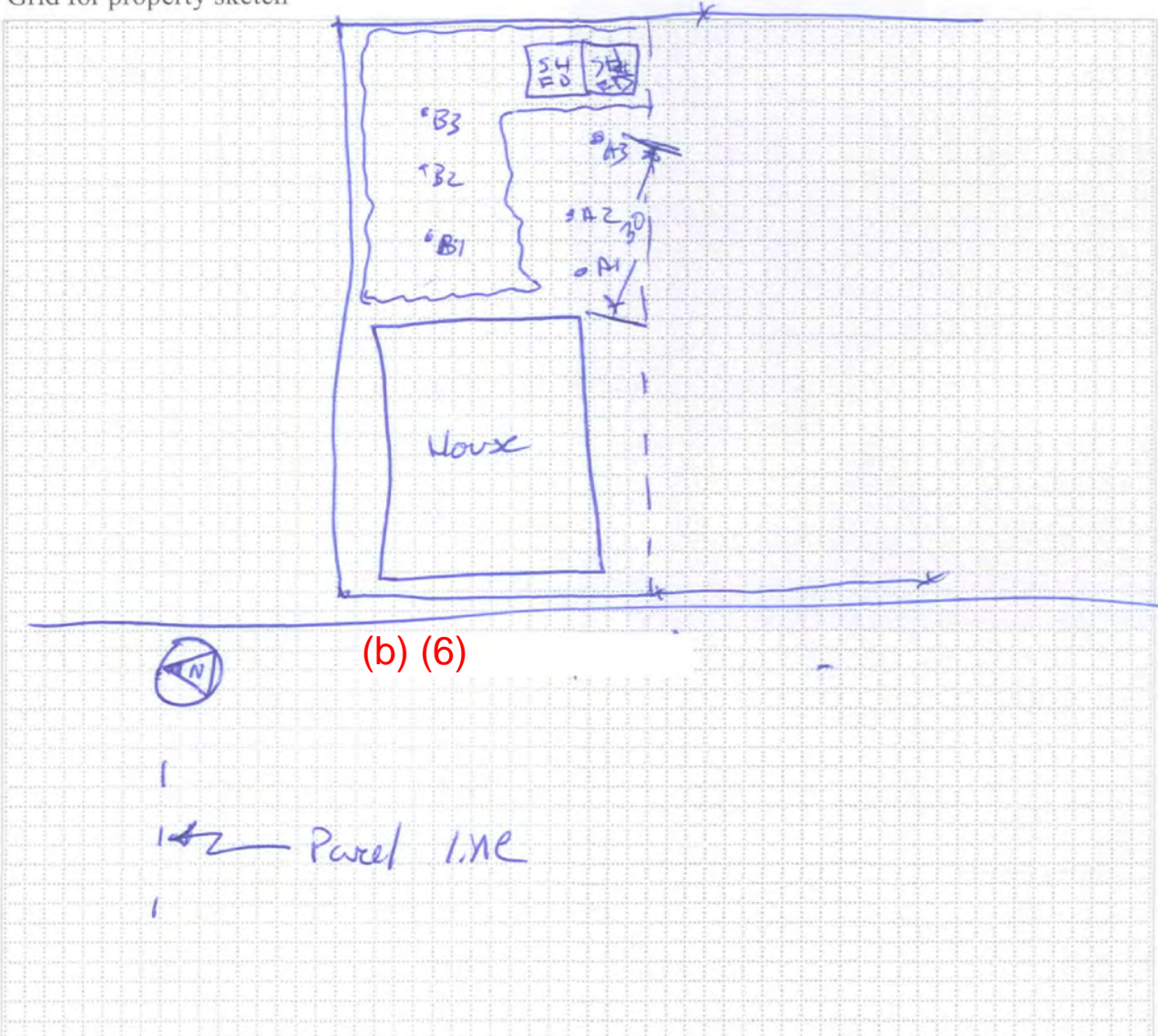
DATE: 6/4/13 ARRIVAL TIME: 1400

Other pertinent information (weather conditions, etc.):

89° Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0027 SAMPLE ID: CV0027A-CS-SP

SAMPLE COLLECTION TIME: 1410

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

side/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: CV0027A-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u>	Logged? Y or N
Aliquot #1: Latitude: <u>33.55778469</u>	N Longitude <u>86.80647843</u> W
Media description: <u>Brown silty sand</u>	
Aliquot #2 Latitude: <u>33.55779036</u>	N Longitude <u>86.80643423</u> W
Media description: <u>Same A1</u>	
Aliquot #3: Latitude: <u>33.55778020</u>	N Longitude <u>86.80637352</u> W
Media description: <u>Same A1</u>	
Aliquot #4: Latitude: _____	N Longitude _____ W
Media description: _____	
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description: _____	

06/04/13

STATION ID: CV0027 SAMPLE ID: CV0027B-CS-SP

SAMPLE COLLECTION TIME: 1420

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

vegetable garden

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0027B-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u>	Logged? Y or N
Aliquot #1: Latitude: <u>33.55784320</u>	N Longitude <u>86.80646538</u> W
Media description: <u>Brown silty clay</u>	
Aliquot #2 Latitude: <u>33.55784760</u>	N Longitude <u>86.80642609</u> W
Media description: <u>Brown silty clay</u>	
Aliquot #3: Latitude: <u>33.55784152</u>	N Longitude <u>86.80637625</u> W
Media description: <u>Brown silty clay</u>	
Aliquot #4: Latitude: _____	N Longitude _____ W
Media description: _____	
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description: _____	

06/4/13

(b) (6)

ADDRESS: _____ PROPERTY ID: CV0112

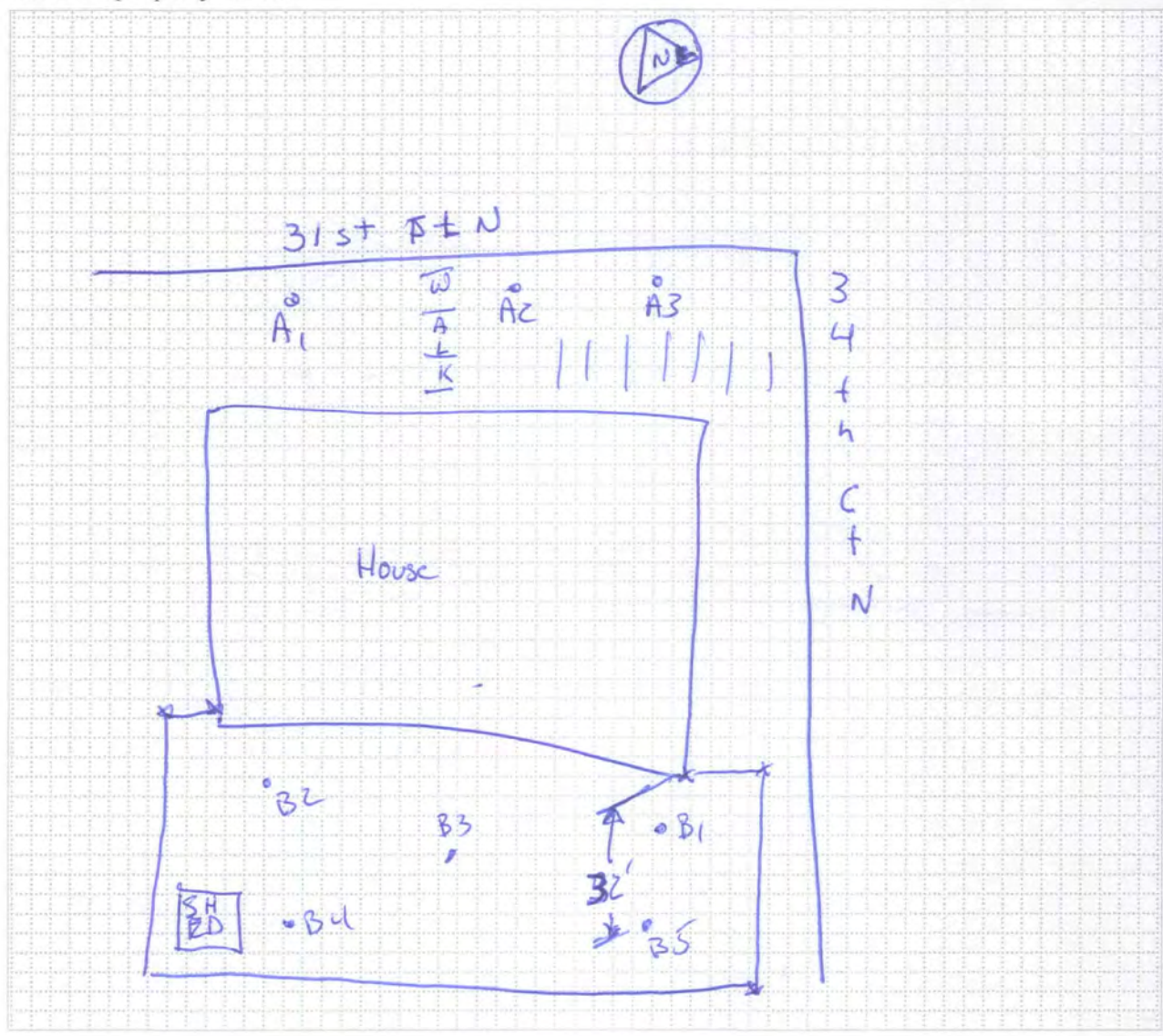
DATE: 6/5/13 ARRIVAL TIME: 0830

Other pertinent information (weather conditions, etc.):

80° overcast

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0112 SAMPLE ID: CV0112A-CS

SAMPLE COLLECTION TIME: 0845

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

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

Field Duplicate or Split: Yes or ~~No~~ If yes, indicate Duplicate/split sample station ID: CV0112A-CS-D

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55924345</u> N Longitude <u>86.80487345</u> W Media description: <u>Dark Brown silty clay</u>
Aliquot #2 Latitude: <u>33.55927678</u> N Longitude <u>86.80487905</u> W Media description: <u>Dark Brown silty clay</u>
Aliquot #3: Latitude: <u>33.55931523</u> N Longitude <u>86.80487896</u> W Media description: _____
Aliquot #4: Latitude: _____ N Longitude _____ W Media description: _____ <u>DE</u>
Aliquot #5: Latitude: <u>06/5/13</u> N Longitude _____ W Media description: _____

STATION ID: CV0112 SAMPLE ID: CV0112B-CS

SAMPLE COLLECTION TIME: 0855

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

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

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

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55932745</u> N Longitude <u>86.80462757</u> W Media description: <u>Dark Brown silty clay</u>
Aliquot #2 Latitude: <u>33.55924613</u> N Longitude <u>86.80462190</u> W Media description: <u>SAME B₁</u>
Aliquot #3: Latitude: <u>33.55928224</u> N Longitude <u>86.80458074</u> W Media description: <u>SAME B₁</u>
Aliquot #4: Latitude: <u>33.55932124</u> N Longitude <u>86.80454555</u> W Media description: <u>SAME B₁</u>
Aliquot #5: Latitude: <u>33.55924677</u> N Longitude <u>86.80454936</u> W Media description: <u>SAME B₁</u>

(b) (6)

ADDRESS:

PROPERTY ID: CVO271

DATE: 6/5/13

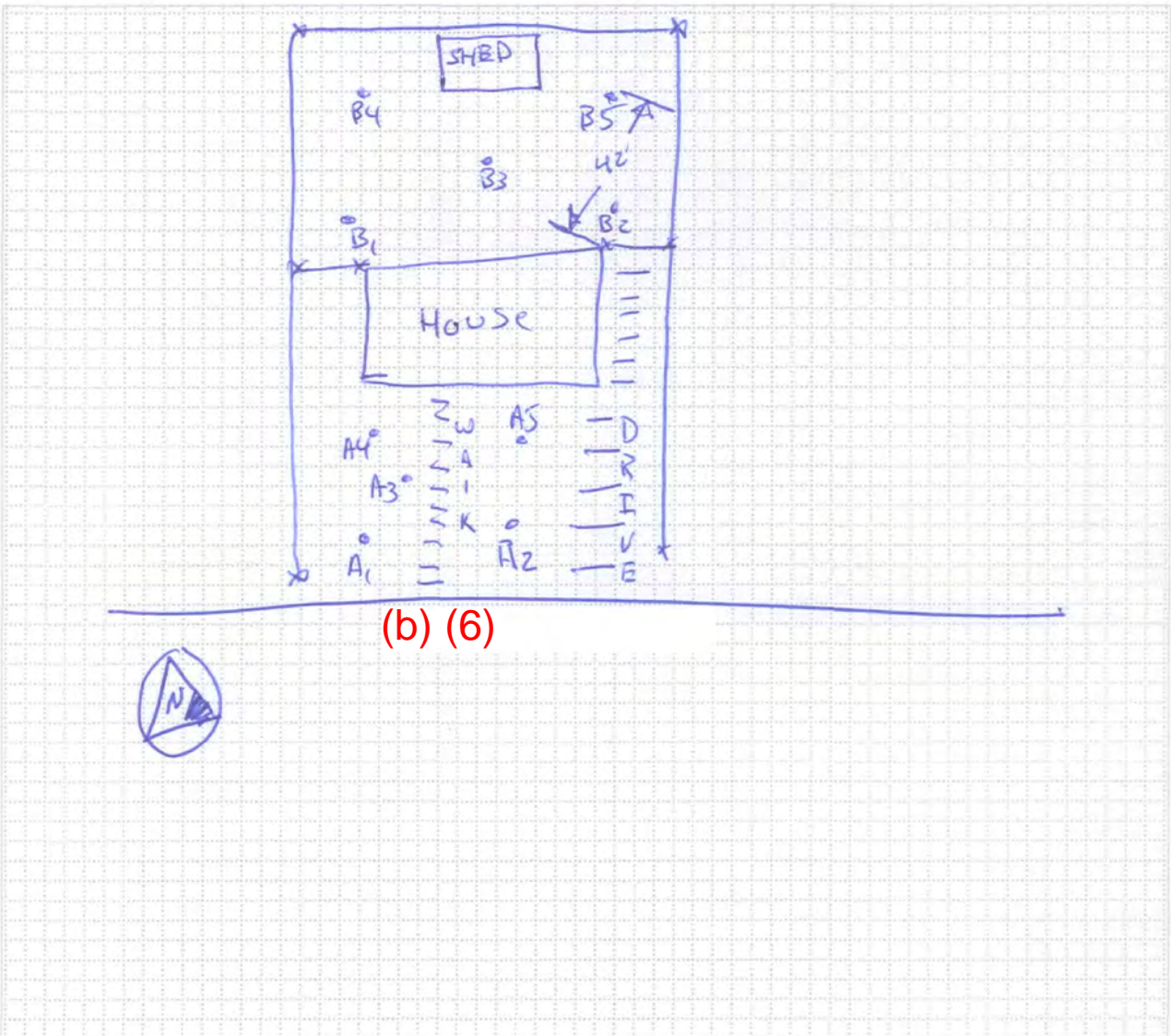
ARRIVAL TIME: 0950

Other pertinent information (weather conditions, etc.):

83°

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0271 SAMPLE ID: CV0271A-CS-SP

SAMPLE COLLECTION TIME: 1010

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

Front yard.

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0271A-CS-SP

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #: <u>020168</u>	Logged? Y or N
Aliquot #1: Latitude: <u>33.55838579</u>	N Longitude: <u>86.80316185</u>	W
Media description: <u>Brown sandy silt</u>		
Aliquot #2: Latitude: <u>33.55845058</u>	N Longitude: <u>86.80316365</u>	W
Media description: <u>Brown sandy silt</u>		
Aliquot #3: Latitude: <u>33.55841313</u>	N Longitude: <u>86.80319845</u>	W
Media description: <u>Same A1</u>		
Aliquot #4: Latitude: <u>33.55839536</u>	N Longitude: <u>86.80321198</u>	W
Media description: <u>Same A1</u>		
Aliquot #5: Latitude: <u>33.55844317</u>	N Longitude: <u>86.80321739</u>	W
Media description: <u>Dark Brown silty clay</u>		

STATION ID: CV0271 SAMPLE ID: CV0271B-CS-SP

SAMPLE COLLECTION TIME: 1020

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

Back yard

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0271B-CS-SP

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #: <u>020168</u>	Logged? Y or N
Aliquot #1: Latitude: <u>33.55840832</u>	N Longitude: <u>86.80343521</u>	W
Media description: <u>Brown sandy silt</u>		
Aliquot #2: Latitude: <u>33.55848195</u>	N Longitude: <u>86.80341831</u>	W
Media description: <u>Same B1</u>		
Aliquot #3: Latitude: <u>33.55844142</u>	N Longitude: <u>86.80347143</u>	W
Media description: <u>Same B1</u>		
Aliquot #4: Latitude: <u>33.55839589</u>	N Longitude: <u>86.80354661</u>	W
Media description: <u>Same B1</u>		
Aliquot #5: Latitude: <u>33.55849321</u>	N Longitude: <u>86.80354069</u>	W
Media description: <u>Same B1</u>		

(b) (6)

ADDRESS:

PROPERTY ID:

2V0145

DATE:

6/5/13

ARRIVAL TIME:

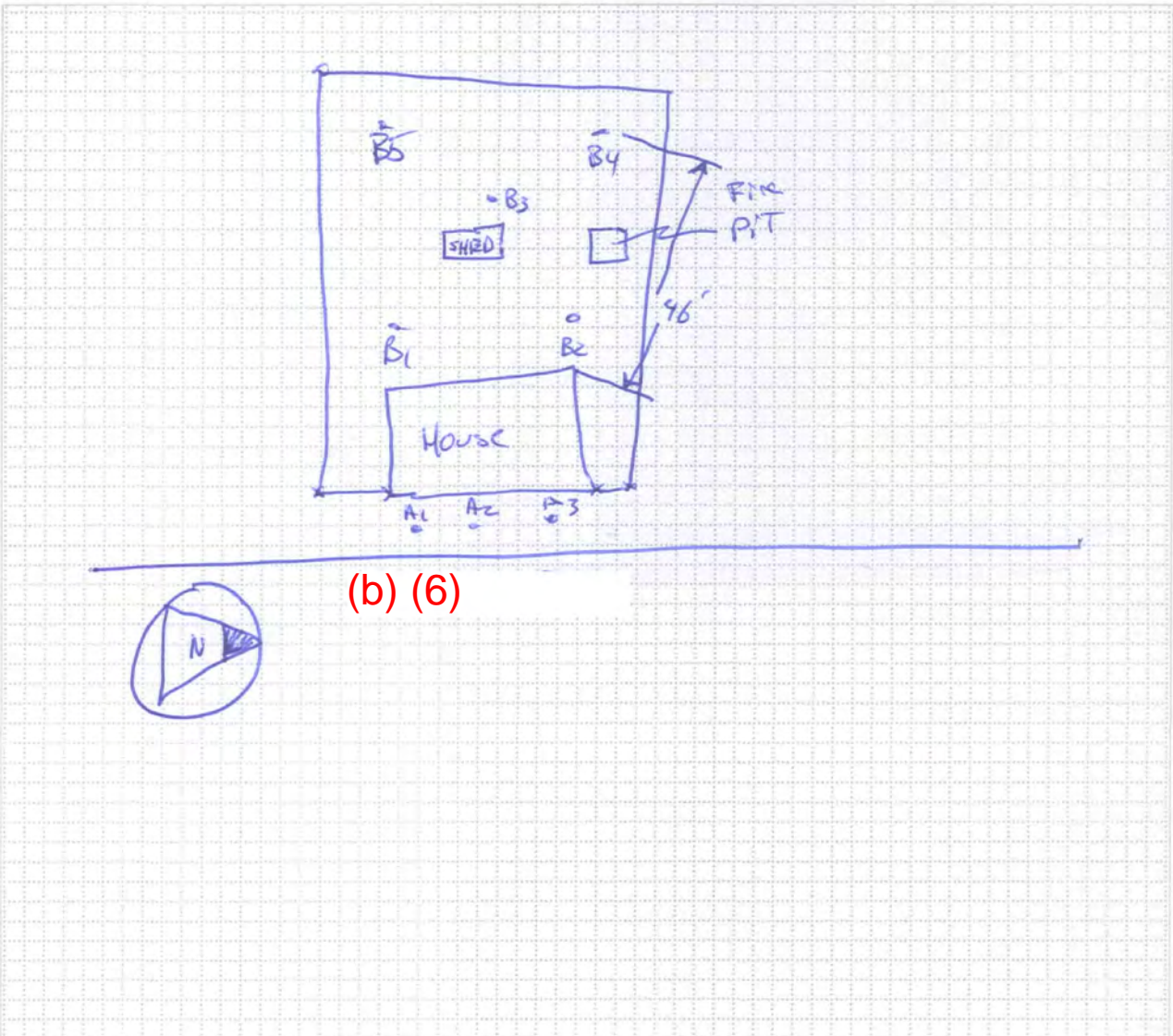
1030

Other pertinent information (weather conditions, etc.):

83° sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0145 SAMPLE ID: CV0145A-CS-SP

SAMPLE COLLECTION TIME: 1045

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

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0145A-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>02068</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55488430</u> N Longitude: <u>86.80588954</u> W Media description: <u>Dark Brown s.lty clay</u>
Aliquot #2: Latitude: <u>33.55884515</u> N Longitude: <u>86.80589183</u> W Media description: <u>SAME A1</u>
Aliquot #3: Latitude: <u>33.55882898</u> N Longitude: <u>86.80588772</u> W Media description: <u>SAME A1</u>
Aliquot #4: Latitude: _____ N Longitude: _____ W Media description: _____
Aliquot #5: Latitude: _____ N Longitude: _____ W Media description: <u>6/8/13</u>

STATION ID: CV0145 SAMPLE ID: CV0145B-CS-SP

SAMPLE COLLECTION TIME: 1055

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

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0145B-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55879948</u> N Longitude: <u>86.80608671</u> W Media description: <u>Dark Brown s.lty sandy</u>
Aliquot #2: Latitude: <u>33.55887901</u> N Longitude: <u>86.80610049</u> W Media description: <u>Brown sandy s.lty</u>
Aliquot #3: Latitude: <u>33.55887022</u> N Longitude: <u>86.80612903</u> W Media description: <u>Brown sandy s.lty + stag DP</u>
Aliquot #4: Latitude: <u>33.55878436</u> N Longitude: <u>86.80616454</u> W Media description: <u>Brown sandy s.lty w/ stag</u>
Aliquot #5: Latitude: <u>33.55890136</u> N Longitude: <u>86.80617054</u> W Media description: <u>Brown sandy s.lty</u>

(b) (6)

ADDRESS:

PROPERTY ID:

CV0139

DATE:

6-5-13

ARRIVAL TIME:

1215

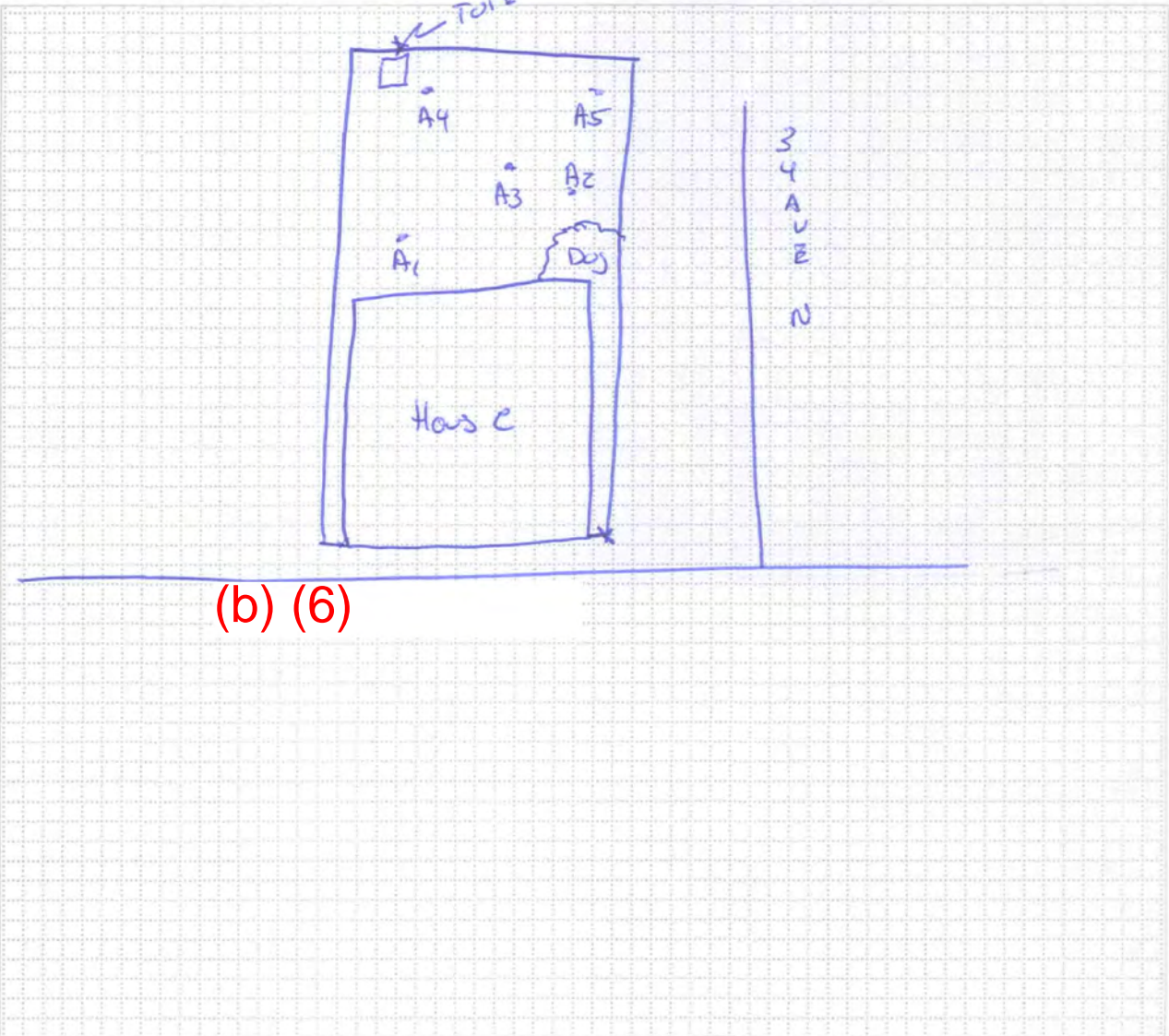
Other pertinent information (weather conditions, etc.):

88° overcast

PROPERTY COMMENTS:

No front yard

Grid for property sketch



STATION ID: CV0139 SAMPLE ID: CV0139A-CS-SP

SAMPLE COLLECTION TIME: 1230

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

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0139A-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55832338</u> N Longitude <u>86.8055135</u> W Media description: <u>Dark Brown silty sand w/ gravel & clay</u>
Aliquot #2: Latitude: <u>33.55827602</u> N Longitude <u>86.80551942</u> W Media description: <u>3X Same A1</u>
Aliquot #3: Latitude: <u>33.55828695</u> N Longitude <u>86.80552292</u> W Media description: <u>Same A1</u>
Aliquot #4: Latitude: <u>33.55832623</u> N Longitude <u>86.80547688</u> W Media description: <u>Same A1</u>
Aliquot #5: Latitude: <u>33.55827014</u> N Longitude <u>86.80545961</u> W Media description: <u>Same A1</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: <u>06/5/13</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: _____

ADDRESS: (b) (6)

PROPERTY ID: C1043

DATE: 6/5/13

ARRIVAL TIME: 1305

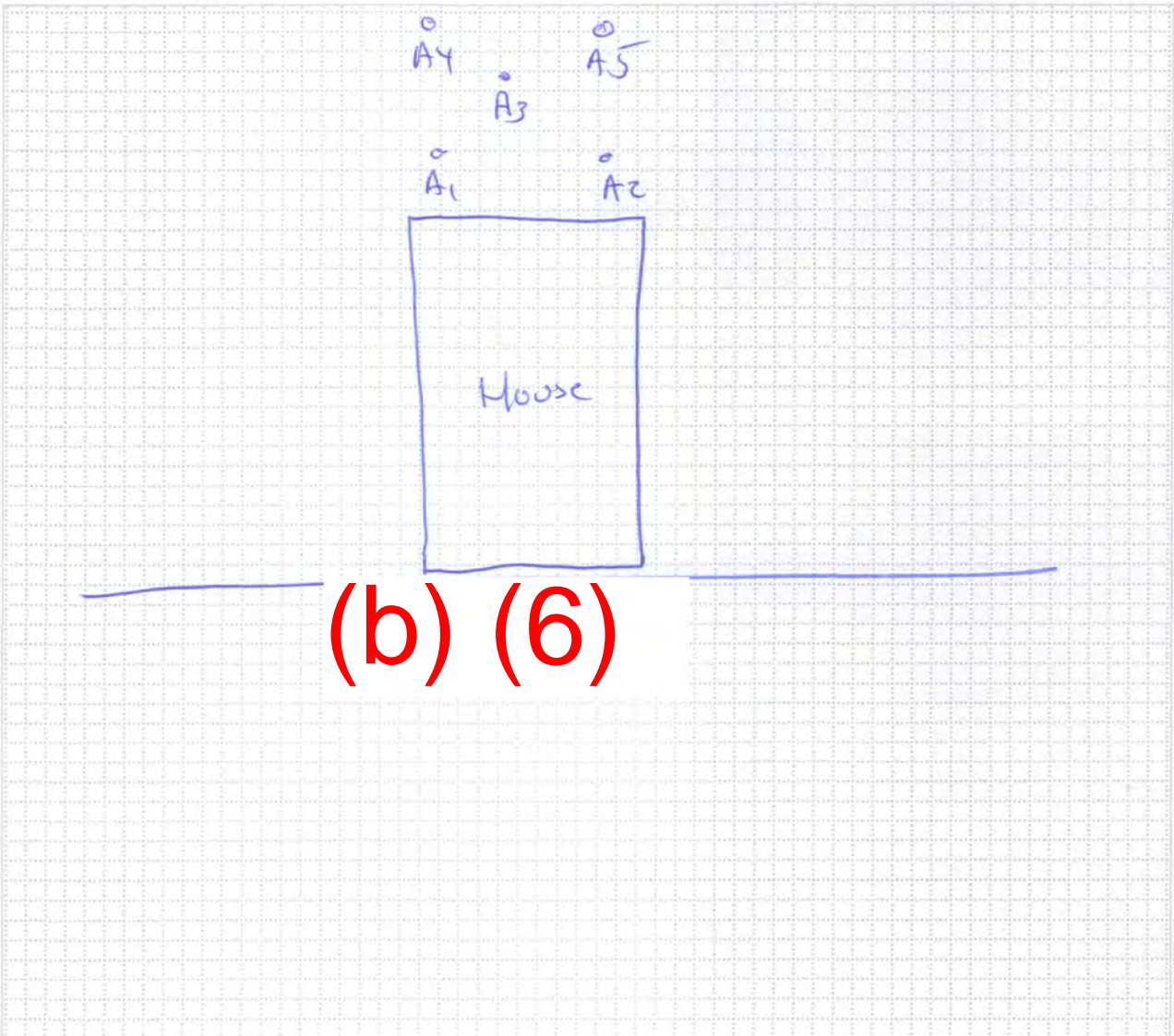
Other pertinent information (weather conditions, etc.):

91° HOT

PROPERTY COMMENTS:

No front yard

Grid for property sketch



STATION ID: CV0143 SAMPLE ID: CV0143A-CS-SP

SAMPLE COLLECTION TIME: 1320

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

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0143A-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55861577</u> N Longitude <u>86.80552901</u> W Media description: <u>Dark Brown sandy silt w/gravel & slag</u>
Aliquot #2: Latitude: <u>33.55857276</u> N Longitude <u>86.80552705</u> W Media description: <u>SAME A1</u>
Aliquot #3: Latitude: <u>33.55859520</u> N Longitude <u>86.80548677</u> W Media description: <u>SAME A1</u>
Aliquot #4: Latitude: <u>33.55861348</u> N Longitude <u>86.80545158</u> W Media description: <u>SAME A1</u>
Aliquot #5: Latitude: <u>33.55857049</u> N Longitude <u>86.80544097</u> W Media description: <u>SAME A1</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 #: _____ <u>SP</u> 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: CVOZZ6

DATE: 6/6/13

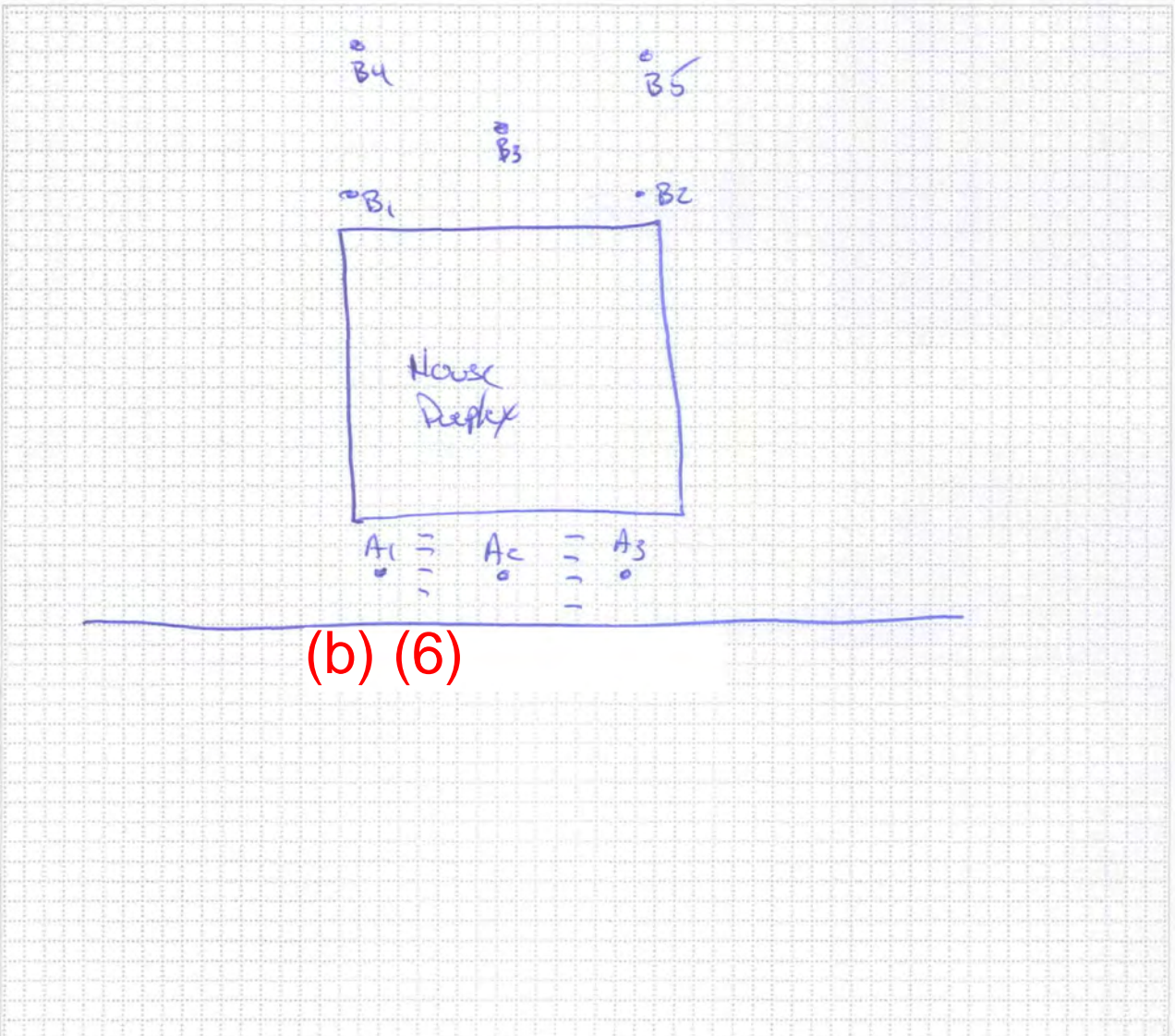
ARRIVAL TIME: 0850

Other pertinent information (weather conditions, etc.):

74° sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0226 SAMPLE ID: CV0226A-CS-SP

SAMPLE COLLECTION TIME: 0900

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

Front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0226A-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.55641090</u> N Longitude <u>86.80174332</u> W	
Media description: <u>Dark Brown Silty Clay w/gravel</u>	
Aliquot #2 Latitude: <u>33.55643855</u> N Longitude <u>86.80174324</u> W	
Media description: <u>SAME A1</u>	
Aliquot #3: Latitude: <u>33.55646480</u> N Longitude <u>86.80174542</u> W	
Media description: <u>SAME A1</u>	
Aliquot #4: Latitude: _____ N Longitude _____ W	
Media description: _____	
Aliquot #5: Latitude: _____ N Longitude _____ W	
Media description: _____	

6/6/13

STATION ID: CV0226 SAMPLE ID: CV0226B-CS-SP

SAMPLE COLLECTION TIME: 0910

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

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0226B-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.55640038</u> N Longitude <u>86.80199110</u> W	
Media description: <u>Dark Brown Silty Clay w/gravel</u>	
Aliquot #2 Latitude: <u>33.55647640</u> N Longitude <u>86.80199641</u> W	
Media description: <u>SAME B1</u>	
Aliquot #3: Latitude: <u>33.55644636</u> N Longitude <u>86.80203158</u> W	
Media description: <u>SAME B1</u>	
Aliquot #4: Latitude: <u>33.55640472</u> N Longitude <u>86.80210357</u> W	
Media description: <u>SAME B1</u>	
Aliquot #5: Latitude: <u>33.55642556</u> N Longitude <u>86.80208738</u> W	
Media description: <u>SAME B1</u>	

(b) (6)

ADDRESS: _____

PROPERTY ID: CV1134

DATE: 6/6/13

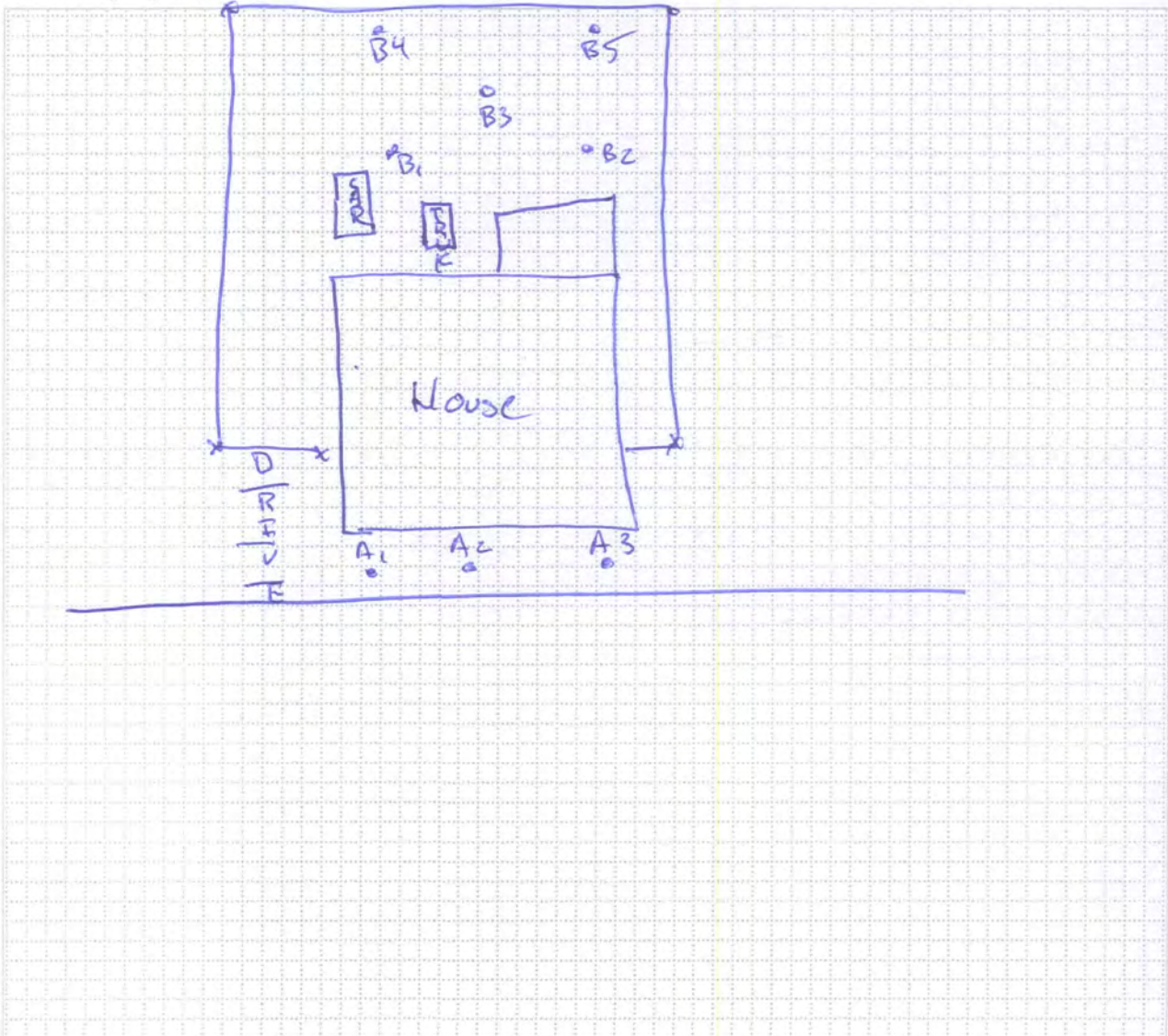
ARRIVAL TIME: 0950

Other pertinent information (weather conditions, etc.):

81° Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV1134 SAMPLE ID: CV1134A-CS-SP

SAMPLE COLLECTION TIME: 1000

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

Front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV1134A-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55117562</u> N Longitude <u>86.80293437</u> W
Media description: <u>light Brown s.lty sand</u>
Aliquot #2: Latitude: <u>33.55116947</u> N Longitude <u>86.80292615</u> W
Media description: <u>same A1</u>
Aliquot #3: Latitude: <u>33.55117585</u> N Longitude <u>86.80301275</u> W
Media description: <u>light Brown s.lty clay</u>
Aliquot #4: Latitude: _____ N Longitude _____ W
Media description: _____
Aliquot #5: Latitude: _____ N Longitude _____ W
Media description: _____ <u>6/6/13</u>

STATION ID: CV1134 SAMPLE ID: CV1134B-CS-SP

SAMPLE COLLECTION TIME: 1010

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

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV1134B-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55099405</u> N Longitude <u>86.80291915</u> W
Media description: <u>Dark Brown s.lty clay</u>
Aliquot #2: Latitude: <u>33.55098281</u> N Longitude <u>86.80302059</u> W
Media description: <u>same B1</u>
Aliquot #3: Latitude: <u>33.55095496</u> N Longitude <u>86.80298406</u> W
Media description: <u>same B1</u>
Aliquot #4: Latitude: <u>33.55089086</u> N Longitude <u>86.80293828</u> W
Media description: <u>medium Brown sandy clay</u>
Aliquot #5: Latitude: <u>33.55090111</u> N Longitude <u>86.80301297</u> W
Media description: <u>medium Brown sandy clay</u>

ADDRESS: (b) (6)

PROPERTY ID: CV 1135

DATE: 6/6/13

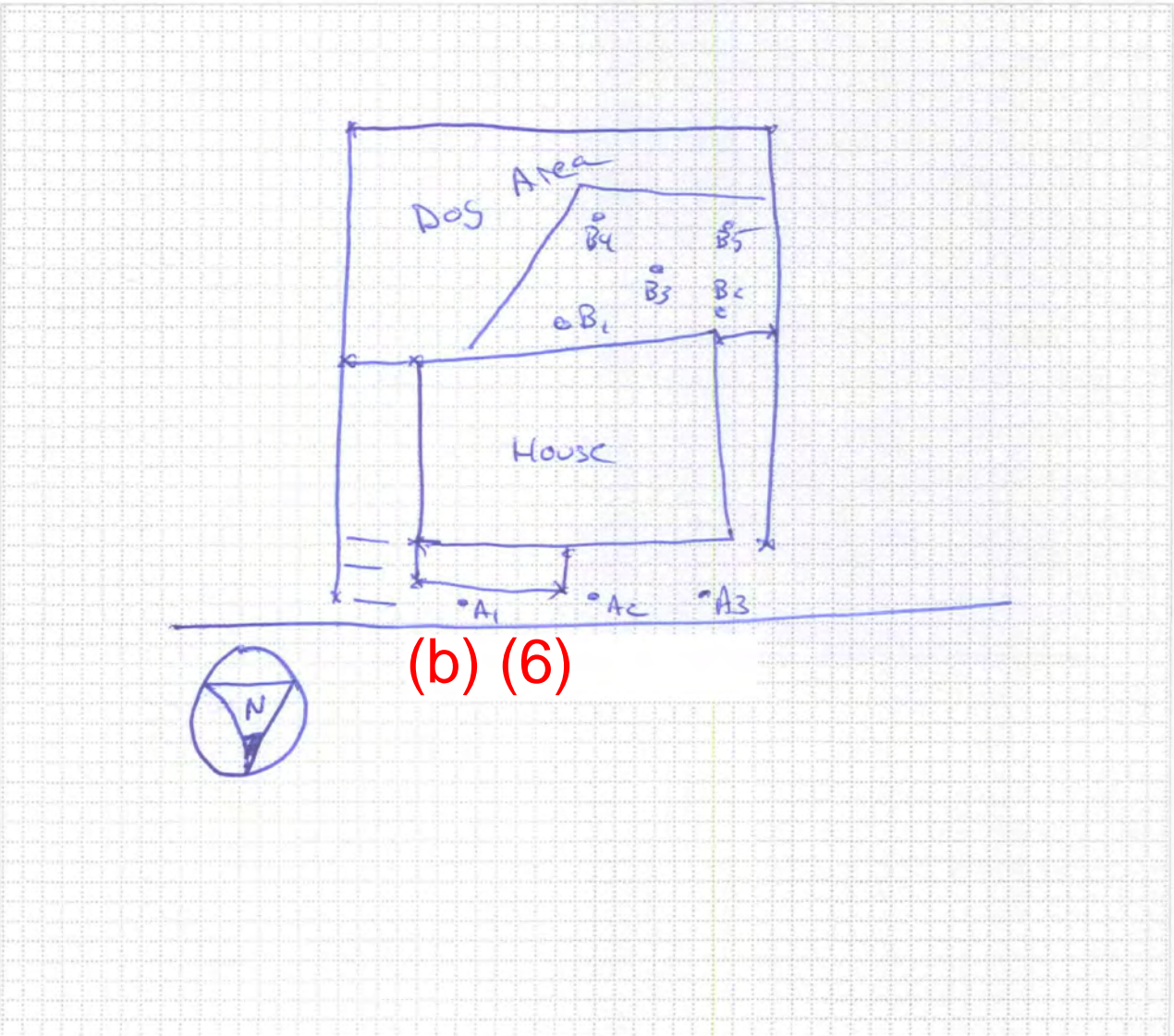
ARRIVAL TIME: 1015

Other pertinent information (weather conditions, etc.):

81° Sunny

PROPERTY COMMENTS:

Grid for property sketch



(b) (6)

STATION ID: CV1135 SAMPLE ID: CV1135A-CS-SP

SAMPLE COLLECTION TIME: 1020

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

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV1135A-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55119079</u> N Longitude <u>86.80279055</u> W Media description: <u>Dark/Redish sandy clay</u>
Aliquot #2: Latitude: <u>33.55119366</u> N Longitude <u>86.80281998</u> W Media description: <u>SAME A1</u>
Aliquot #3: Latitude: <u>33.55118163</u> N Longitude <u>86.80282014</u> W Media description: <u>SAME A1</u>
Aliquot #4: Latitude: _____ N Longitude _____ W Media description: _____
Aliquot #5: Latitude: _____ N Longitude _____ W Media description: <u>6/6/13</u>

STATION ID: CV1135 SAMPLE ID: CV1135B-CS-SP

SAMPLE COLLECTION TIME: 1030

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

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

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

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55097633</u> N Longitude <u>86.80282673</u> W Media description: <u>Dark Brown sandy clay w/ gravel</u>
Aliquot #2: Latitude: <u>33.55102521</u> N Longitude <u>86.80288571</u> W Media description: <u>SAME B1</u>
Aliquot #3: Latitude: <u>33.55097923</u> N Longitude <u>86.80285783</u> W Media description: <u>SAME B1</u>
Aliquot #4: Latitude: <u>33.53094865</u> N Longitude <u>86.80284770</u> W Media description: <u>SAME B1</u>
Aliquot #5: Latitude: <u>33.55095145</u> N Longitude <u>86.80288521</u> W Media description: <u>SAME B1</u>

ADDRESS: (b) (6)

PROPERTY ID: CV1244

DATE: 6/6/13

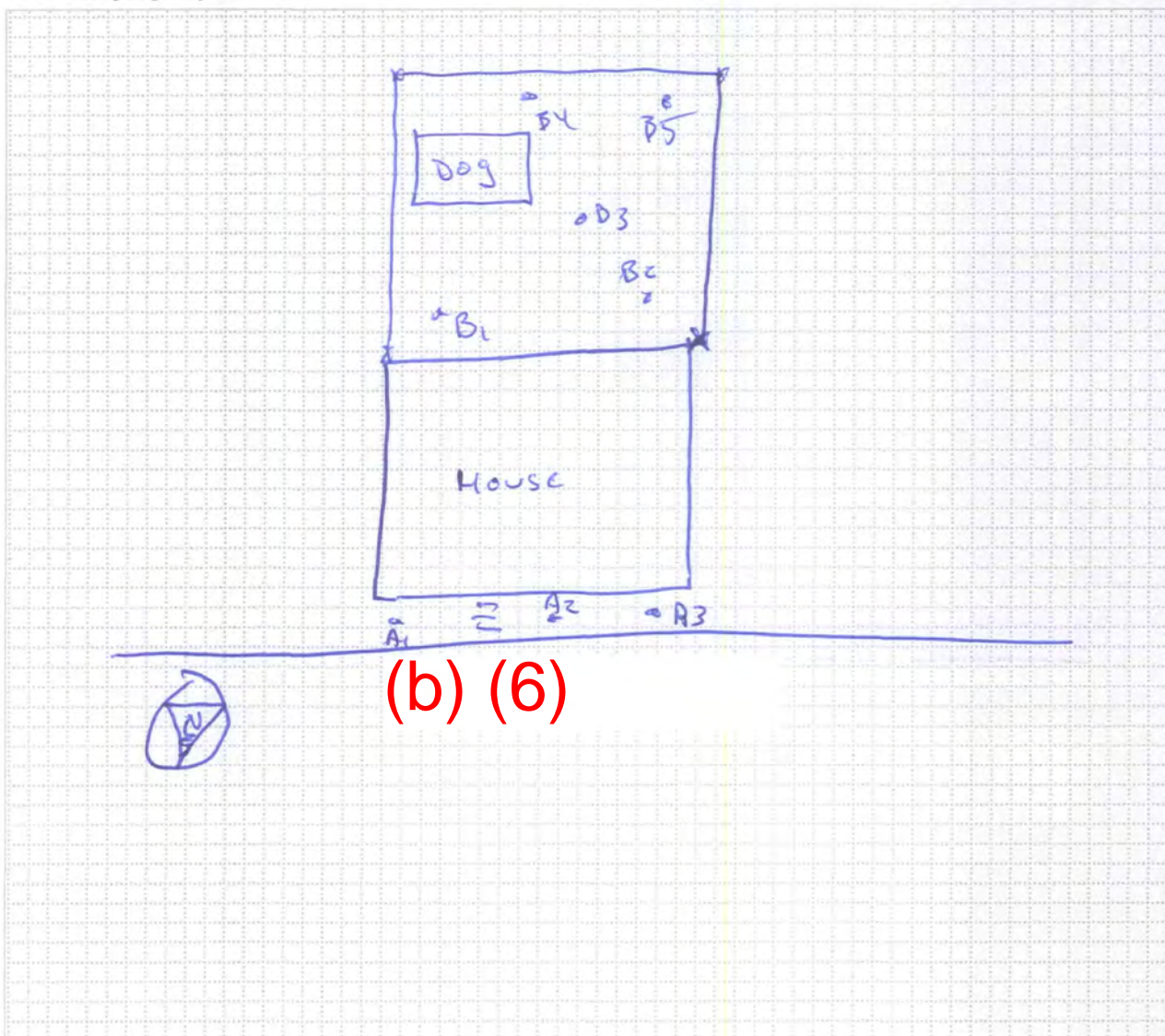
ARRIVAL TIME: 1045

Other pertinent information (weather conditions, etc.):

82° sunny

PROPERTY COMMENTS:

Grid for property sketch



(b) (6)

STATION ID: CV1244 SAMPLE ID: CV1244A-CS-SP

SAMPLE COLLECTION TIME: 1055

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

Front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV1244A-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55180615</u> N Longitude <u>86.79798255</u> W Media description: <u>Dark Brown Sandy Clay</u>
Aliquot #2: Latitude: <u>33.55180301</u> N Longitude <u>86.79801972</u> W Media description: <u>SAME A1</u>
Aliquot #3: Latitude: <u>33.55180194</u> N Longitude <u>86.79804636</u> W Media description: <u>SAME A1</u>
Aliquot #4: Latitude: _____ N Longitude _____ W Media description: _____
Aliquot #5: Latitude: _____ N Longitude _____ W Media description: <u>6/6/13</u>

STATION ID: CV1244 SAMPLE ID: CV1244B-CS-SP

SAMPLE COLLECTION TIME: 1105

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

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV1244B-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55158458</u> N Longitude <u>86.79799798</u> W Media description: <u>Dark Brown Sandy Clay w/gravel & coal</u>
Aliquot #2: Latitude: <u>33.55159019</u> N Longitude <u>86.79805225</u> W Media description: <u>SAME B1</u>
Aliquot #3: Latitude: <u>33.55155798</u> N Longitude <u>86.79801445</u> W Media description: <u>SAME B1</u>
Aliquot #4: Latitude: <u>33.55152330</u> N Longitude <u>86.79801297</u> W Media description: <u>SAME B1</u>
Aliquot #5: Latitude: <u>33.55152787</u> N Longitude <u>86.79803868</u> W Media description: <u>SAME B1</u>

ADDRESS: **(b) (6)** PROPERTY ID: CV0346

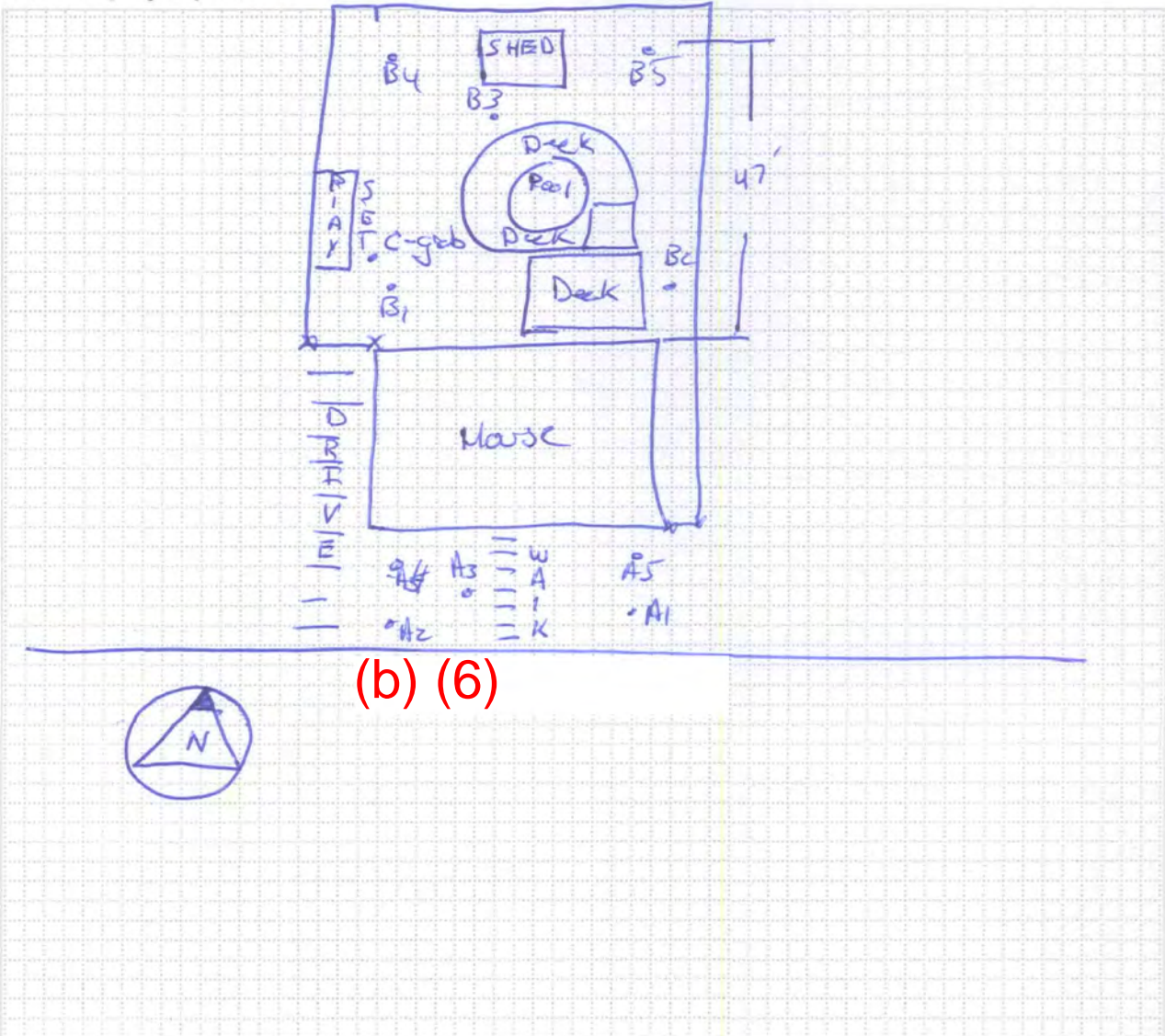
DATE: 6/6/13 ARRIVAL TIME: 1235

Other pertinent information (weather conditions, etc.):

82° overcast

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0346 SAMPLE ID: CV0346 A-CS-SP

SAMPLE COLLECTION TIME: 1250

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

Front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0346 A-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u>	Logged? Y or N
Aliquot #1: Latitude: <u>33.55610101</u>	N Longitude <u>86.79672762</u> W
Media description: <u>Dark Brown silty clay</u>	
Aliquot #2 Latitude: <u>33.55610174</u>	N Longitude <u>86.79662402</u> W
Media description: <u>SAME A1</u>	
Aliquot #3: Latitude: <u>33.55612708</u>	N Longitude <u>86.79668297</u> W
Media description: <u>SAME A1</u>	
Aliquot #4: Latitude: <u>33.55614679</u>	N Longitude <u>86.79672933</u> W
Media description: <u>SAME A1</u>	
Aliquot #5: Latitude: <u>33.55614371</u>	N Longitude <u>86.79662567</u> W
Media description: <u>SAME A1</u>	

STATION ID: CV0346 SAMPLE ID: CV0346 B-CS-SP

SAMPLE COLLECTION TIME: 1300

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

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0346 B-CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u>	Logged? Y or N
Aliquot #1: Latitude: <u>33.55625108</u>	N Longitude <u>86.79674454</u> W
Media description: <u>Dark Brown silty clay</u>	
Aliquot #2 Latitude: <u>33.55627420</u>	N Longitude <u>86.79662740</u> W
Media description: <u>Reddish Brown silty clay</u>	
Aliquot #3: Latitude: <u>33.55636071</u>	N Longitude <u>86.79669284</u> W
Media description: <u>SAME B2</u>	
Aliquot #4: Latitude: <u>33.55638953</u>	N Longitude <u>86.79677692</u> W
Media description: <u>SAME B1</u>	
Aliquot #5: Latitude: <u>33.55639810</u>	N Longitude <u>86.79664632</u> W
Media description: <u>SAME B2</u>	

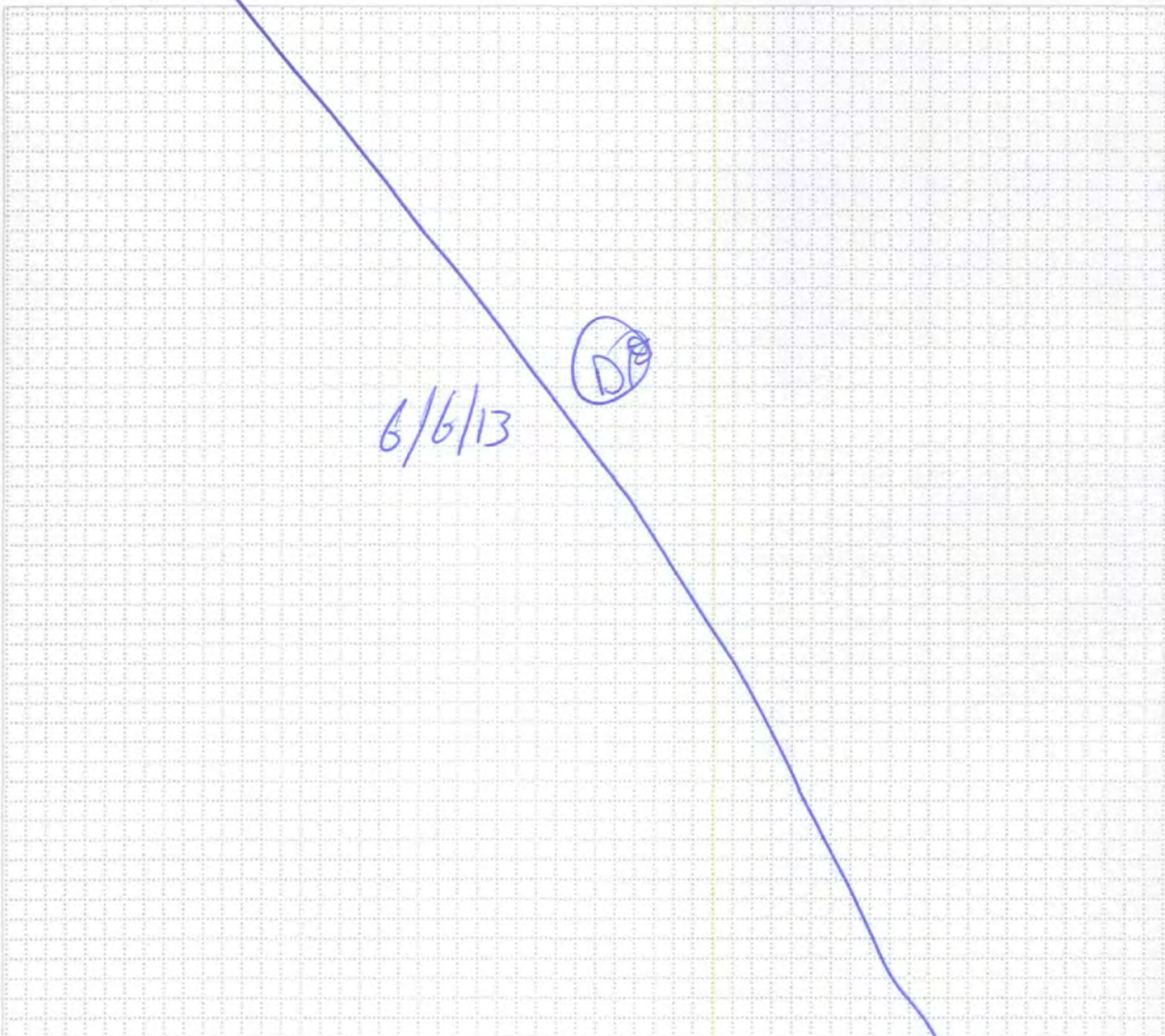
ADDRESS: Cont PROPERTY ID: CVO346

DATE: 6/6/13 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0346 SAMPLE ID: CV0346 C-Grab^G SP

SAMPLE COLLECTION TIME: B10

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

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0346C-G-SP

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #: <u>020168</u>	Logged? Y or N
Aliquot #1: Latitude: <u>33.55629321</u>	N Longitude: <u>86.79676679</u>	W
Media description: <u>Dark Brown silty clay</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: _____	<u>SP</u>	
Aliquot #5: Latitude: _____	N Longitude: _____	W
Media description: _____	<u>6/6/13</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: _____	<u>SP</u>	
Aliquot #2: Latitude: _____	N Longitude: _____	W
Media description: _____	<u>6/6/13</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: _____		

(b) (6)

ADDRESS: _____

PROPERTY ID: CV0296

DATE: 6/6/13

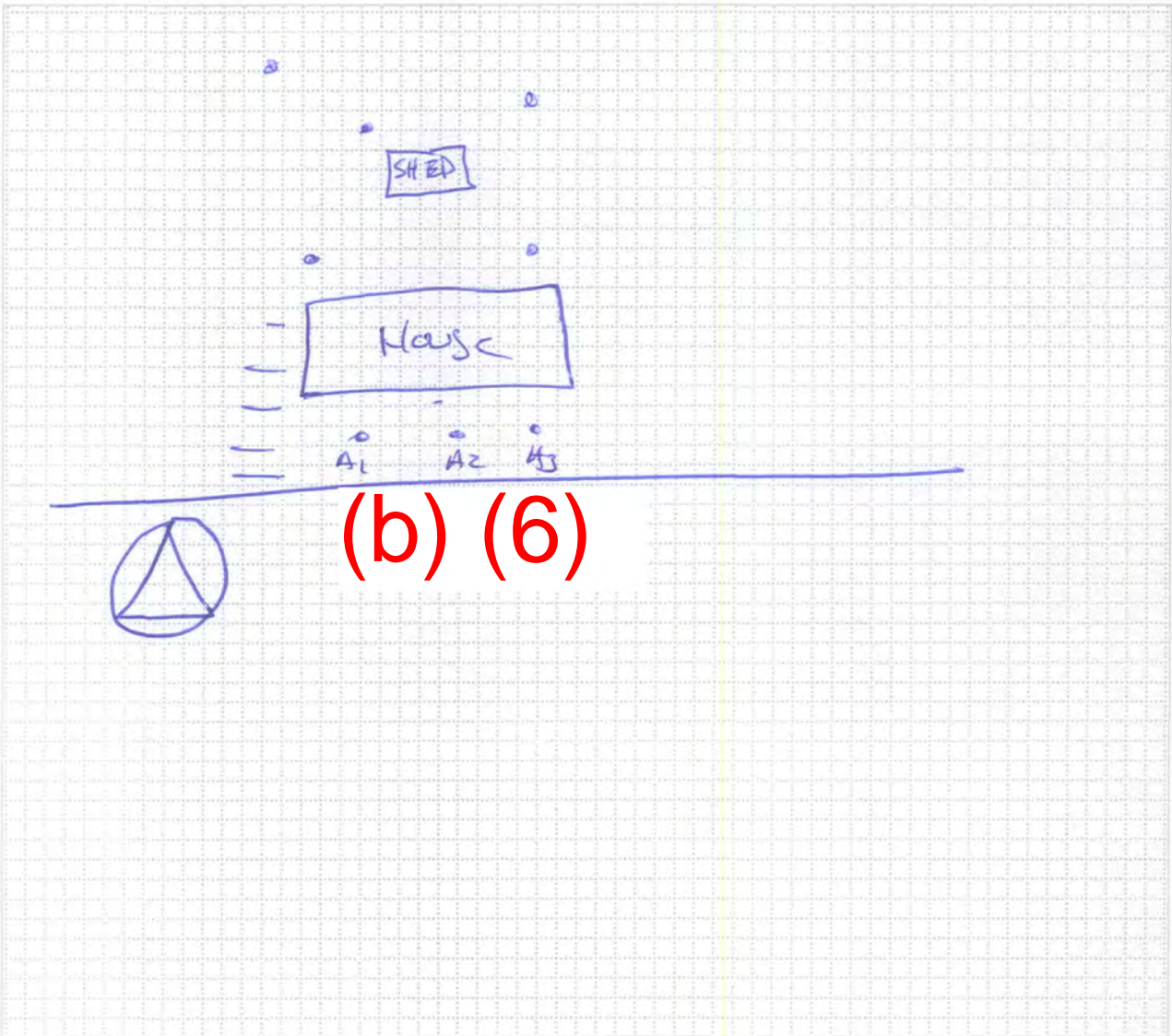
ARRIVAL TIME: 1340

Other pertinent information (weather conditions, etc.):

B2° overcast

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0296 SAMPLE ID: CV0296A CS-SP

SAMPLE COLLECTION TIME: 1355

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

Front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0296A CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>02068</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.55532040</u> N Longitude <u>86.79762241</u> W	
Media description: <u>Dark Brown sandy clay</u>	
Aliquot #2 Latitude: <u>33.55531740</u> N Longitude <u>86.79765210</u> W	
Media description: <u>Dark Brown sandy clay</u>	
Aliquot #3: Latitude: <u>33.5553204</u> N Longitude <u>86.79768402</u> W	
Media description: <u>Dark Brown sandy clay</u>	
Aliquot #4: Latitude: _____ N Longitude _____ W	
Media description: _____	
Aliquot #5: Latitude: _____ N Longitude _____ W	
Media description: _____	

STATION ID: CV0296 SAMPLE ID: CV0296B CS-SP

SAMPLE COLLECTION TIME: 1405

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

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0296B CS-SP

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>02068</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.55548542</u> N Longitude <u>86.79774619</u> W	
Media description: <u>Reddish Brown silty clay</u>	
Aliquot #2 Latitude: <u>33.55549153</u> N Longitude <u>86.79761805</u> W	
Media description: <u>SAME B1</u>	
Aliquot #3: Latitude: <u>33.55553116</u> N Longitude <u>86.79768021</u> W	
Media description: <u>SAME B1</u>	
Aliquot #4: Latitude: <u>33.55556448</u> N Longitude <u>86.7977359</u> W	
Media description: <u>Dark Brown silty clay</u>	
Aliquot #5: Latitude: <u>33.55557138</u> N Longitude <u>86.79761870</u> W	
Media description: <u>SAME B4</u>	

(b) (6)

ADDRESS: _____ PROPERTY ID: CV0201

DATE: 6/7/13 ARRIVAL TIME: 0800

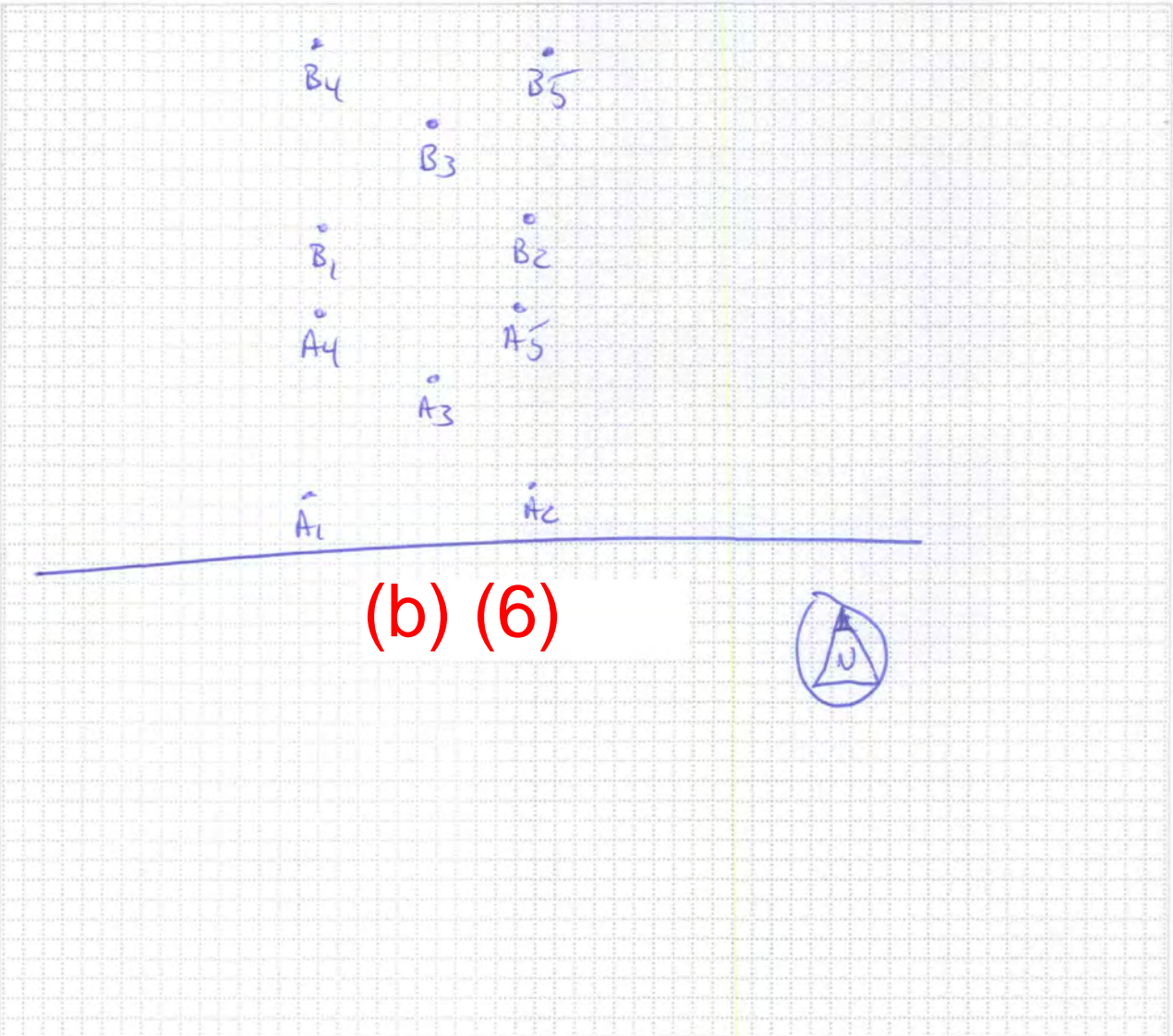
Other pertinent information (weather conditions, etc.):

73° overcast

PROPERTY COMMENTS:

Large deposits of slag on Parcel
Empty Parcel

Grid for property sketch



STATION ID: CV0201 SAMPLE ID: CV0201A-CS-SP

SAMPLE COLLECTION TIME: 0810

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

Empty Parcel

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0201A-CS-SP

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>]	Instrument #:	<u>020168</u>	Logged?	Y or N
Aliquot #1:	Latitude:	<u>33,55449172</u>	N Longitude	<u>86,79724979</u>	W
	Media description:	<u>Dark Brown sandy clay</u>			
Aliquot #2:	Latitude:	<u>33,55449327</u>	N Longitude	<u>86,79714138</u>	W
	Media description:	<u>Reddish Brown sandy clay</u>			
Aliquot #3:	Latitude:	<u>33,55456776</u>	N Longitude	<u>86,79718946</u>	W
	Media description:	<u>Dark Brown sand clay + slag</u>			
Aliquot #4:	Latitude:	<u>33,55461408</u>	N Longitude	<u>86,79724793</u>	W
	Media description:	<u>SAME M</u>			
Aliquot #5:	Latitude:	<u>33,55461522</u>	N Longitude	<u>86,79714252</u>	W
	Media description:	<u>SAME M</u>			

STATION ID: CV0201 SAMPLE ID: CV0201B-CS-SP

SAMPLE COLLECTION TIME: 0820

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

Empty Parcel

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0201B-CS-SP

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>]	Instrument #:	<u>020168</u>	Logged?	Y or N
Aliquot #1:	Latitude:	<u>33,55466295</u>	N Longitude	<u>86,79725086</u>	W
	Media description:	<u>Dark Brown sandy Clay</u>			
Aliquot #2:	Latitude:	<u>33,55466630</u>	N Longitude	<u>86,79713511</u>	W
	Media description:	<u>Dark Brown sandy clay</u>			
Aliquot #3:	Latitude:	<u>33,55473494</u>	N Longitude	<u>86,79719108</u>	W
	Media description:	<u>SAME B2</u>			
Aliquot #4:	Latitude:	<u>33,55478577</u>	N Longitude	<u>86,79725256</u>	W
	Media description:	<u>SAME B2</u>			
Aliquot #5:	Latitude:	<u>33,55478408</u>	N Longitude	<u>86,79714291</u>	W
	Media description:	<u>SAME B1</u>			

ADDRESS: (b) (6)

PROPERTY ID: CV1333

DATE: 6/7/13

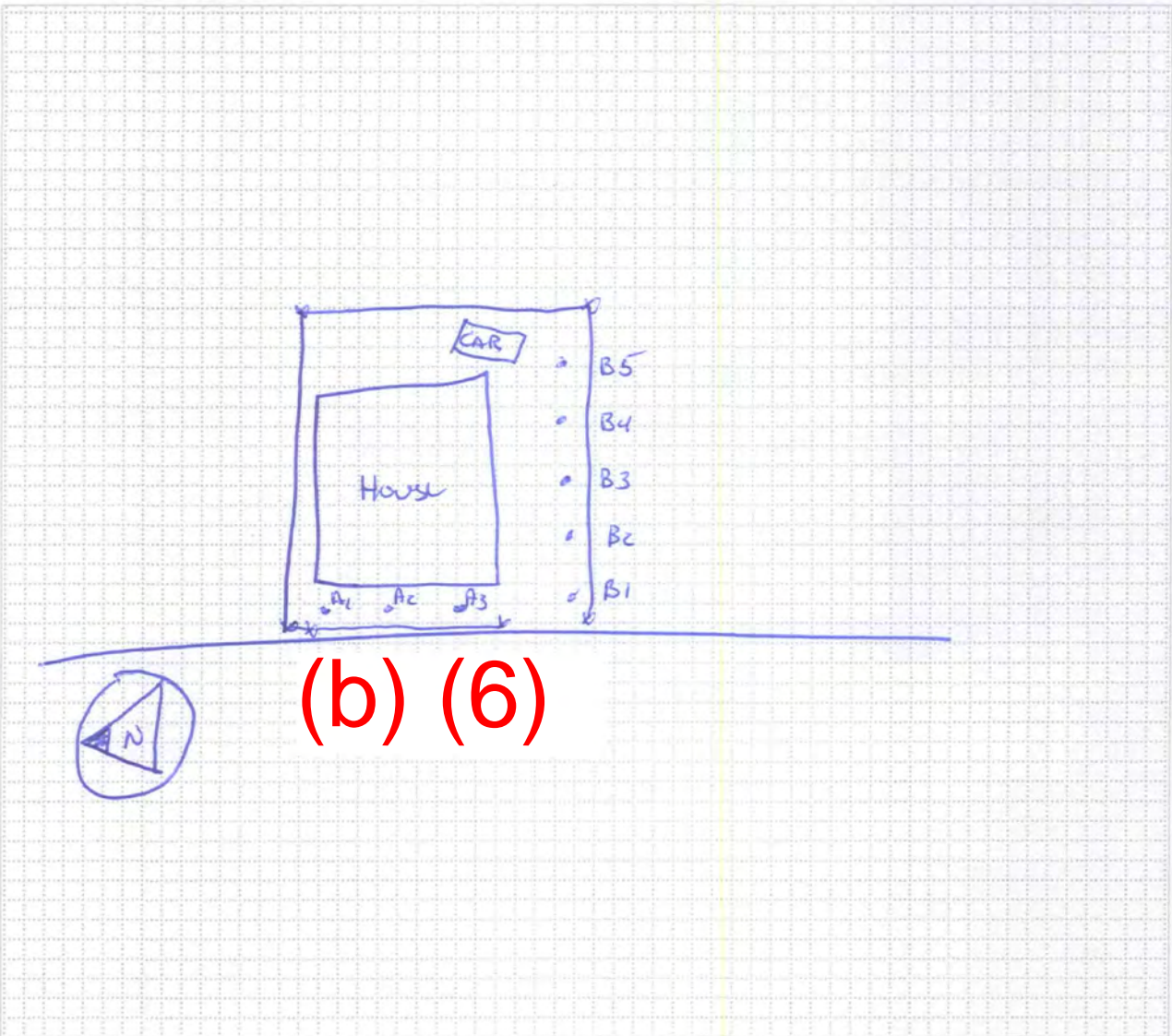
ARRIVAL TIME: 0830

Other pertinent information (weather conditions, etc.):

73°

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV1333 SAMPLE ID: CV1333A-CS-SP

SAMPLE COLLECTION TIME: 0835

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

Front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV1333A-CS-SP

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #: <u>020168</u>	Logged? Y or N
Aliquot #1: Latitude: <u>33.55162315</u>	N Longitude <u>86.79902580</u>	W
Media description: <u>medium Brown silty clay</u>		
Aliquot #2: Latitude: <u>33.55139457</u>	N Longitude <u>86.79902560</u>	W
Media description: <u>same A1</u>		
Aliquot #3: Latitude: <u>33.55156359</u>	N Longitude <u>86.79902339</u>	W
Media description: <u>same A1</u>		
Aliquot #4: Latitude: _____	N Longitude _____	W
Media description: _____		
Aliquot #5: Latitude: _____	N Longitude _____	W
Media description: _____	<u>6/6/13</u>	

STATION ID: CV1333 SAMPLE ID: CV1333B-CS-SP

SAMPLE COLLECTION TIME: 0945

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: CV1333B-CS-SP

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #: <u>020168</u>	Logged? Y or N
Aliquot #1: Latitude: <u>33.55148926</u>	N Longitude <u>86.79902271</u>	W
Media description: <u>medium Brown sandy clay</u>		
Aliquot #2: Latitude: <u>33.55148030</u>	N Longitude <u>86.79899549</u>	W
Media description: <u>same B</u>		
Aliquot #3: Latitude: <u>33.55148678</u>	N Longitude <u>86.79894066</u>	W
Media description: <u>Reddish Brown sandy clay</u>		
Aliquot #4: Latitude: <u>33.55149049</u>	N Longitude <u>86.79889497</u>	W
Media description: <u>Reddish Brown sandy clay</u>		
Aliquot #5: Latitude: <u>33.55148614</u>	N Longitude <u>86.79882949</u>	W
Media description: <u>Dark Brown sandy clay</u>		

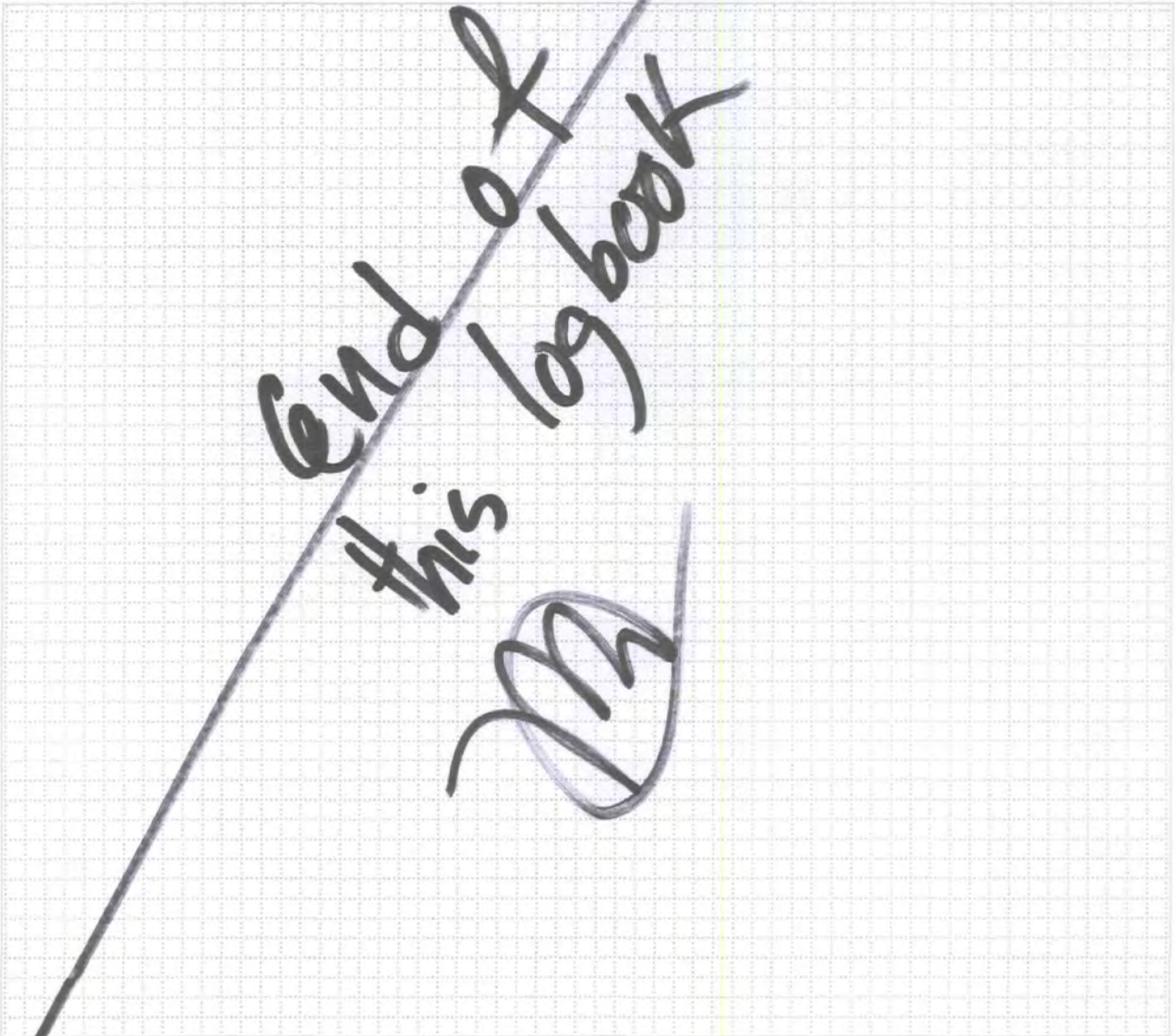
ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



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