

REDACTED

LB00075

United States Environmental Protection Agency
Region 4



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

FIELD SAMPLING LOGBOOK

Book 1 of

Inclusive Dates: 4/22/2013 -

List of Sampling Team in logbook:

Name	Initials	Organization/Duties
(b) (6)		OTIE, Team Leader
(b) (6)		OTIE
(b) (6)		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 FBSTP Sediment Sampling (SESDPROC-200-R2) from any surface water drainage pathways located on individual properties, as directed by the OSC, and in and along the banks of the 34th Street North Ditch.

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

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

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

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

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

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

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

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

(b) (6)

ADDRESS:

PROPERTY ID:

Fm0323

DATE:

1000 4/22/13

ARRIVAL TIME:

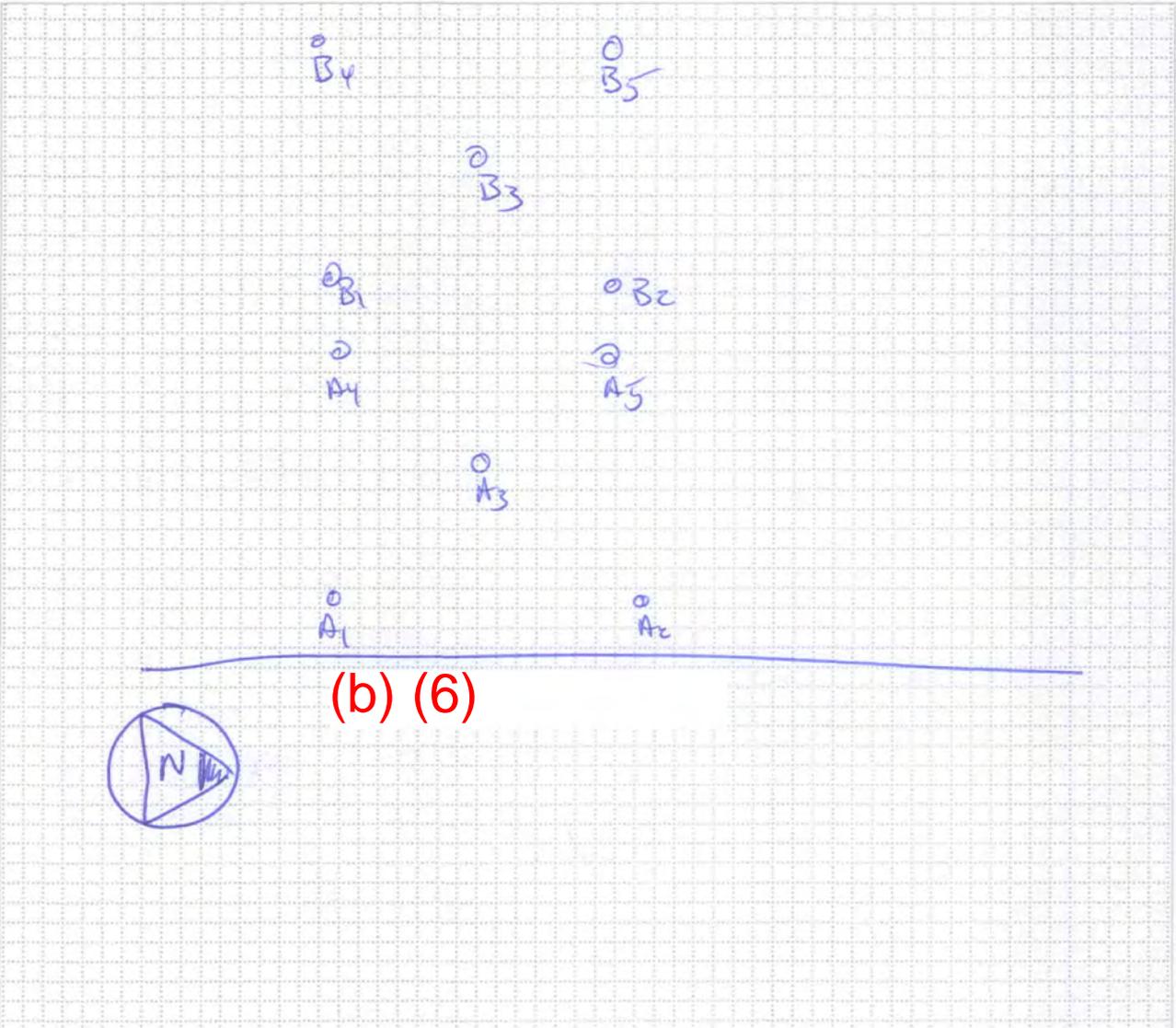
Other pertinent information (weather conditions, etc.):

Sunny @ 69°F

PROPERTY COMMENTS:

Empty Parcel

Grid for property sketch



STATION ID: Fm0323 SAMPLE ID: Fm0323A-cs

SAMPLE COLLECTION TIME: 1330

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: Fm0323A-cs-A

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.56460748</u> N Longitude <u>86.81269184</u> W Media description: <u>Brown sandy silt w/gravel - Dry</u>
Aliquot #2: Latitude: <u>33.56466516</u> N Longitude <u>86.81270145</u> W Media description: <u>Same A1</u>
Aliquot #3: Latitude: <u>33.56464027</u> N Longitude <u>86.81280473</u> W Media description: <u>Same A1</u>
Aliquot #4: Latitude: <u>33.56458799</u> N Longitude <u>86.81289513</u> W Media description: <u>Dark Brown silt w/coal fragments - Dry</u>
Aliquot #5: Latitude: <u>33.56470006</u> N Longitude <u>86.81290356</u> W Media description: <u>Same A1</u>

STATION ID: Fm0323 SAMPLE ID: Fm0323B-cs

SAMPLE COLLECTION TIME: 1340

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: _____

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.36458643</u> N Longitude <u>86.81293145</u> W Media description: <u>Brown sandy clay w/coal fragments</u>
Aliquot #2: Latitude: <u>33.56471307</u> N Longitude <u>86.81292640</u> W Media description: <u>Brown sandy clay w/coal fragments</u>
Aliquot #3: Latitude: <u>33.56466063</u> N Longitude <u>86.81360772</u> W Media description: <u>Brown sandy clay w/coal fragments</u>
Aliquot #4: Latitude: <u>33.56461826</u> N Longitude <u>86.81313797</u> W Media description: <u>Dark Brown silty w/coal fragments</u>
Aliquot #5: Latitude: <u>33.56470748</u> N Longitude <u>86.81312432</u> W Media description: <u>Dark Brown silt w/coal fragments</u>

note: Sampled on April 13, 2011
11/20
12:00 - 1:00 disregarded

(b) (6)

EV0254

ADDRESS

PROPERTY ID: EV0254

DATE: 4/22/13

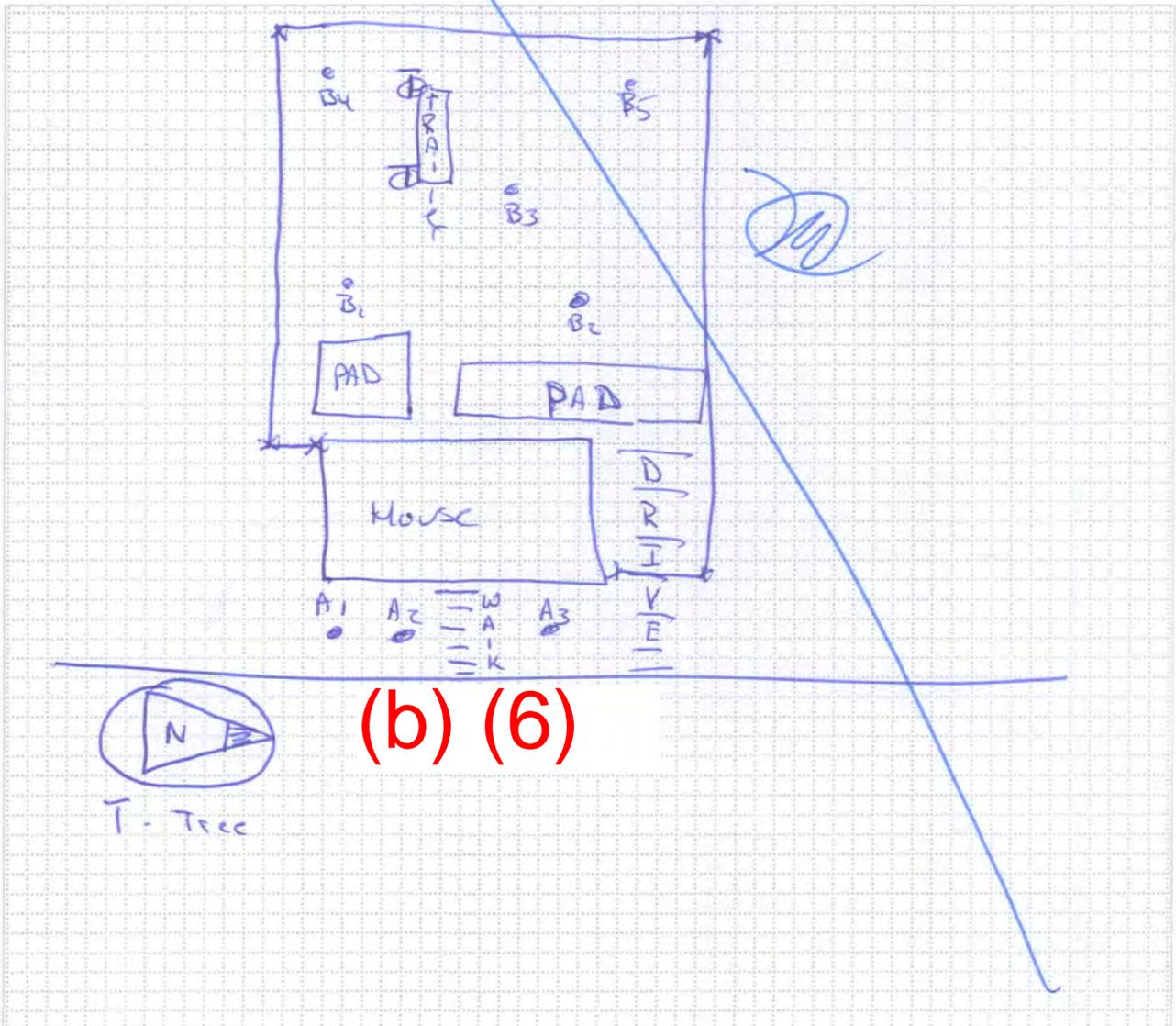
ARRIVAL TIME: 1400

Other pertinent information (weather conditions, etc.):

75° sunny

PROPERTY COMMENTS:

Grid for property sketch



(b) (6)

STATION ID:

~~CV1724~~
~~CV0224~~

SAMPLE ID:

~~CV170~~
~~CV0224A-CS~~

SAMPLE COLLECTION TIME: 1409

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: _____

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.55624184</u>	N Longitude <u>86.80176478</u> W
Media description: <u>Brown s.l.T with gravel</u>	
Aliquot #2 Latitude: <u>33.55627803</u>	N Longitude <u>86.80176829</u> W
Media description: <u>Brown s.l.T w/gravel</u>	
Aliquot #3: Latitude: <u>33.55632512</u>	N Longitude <u>86.80175445</u> W
Media description: <u>Brown s.l.T w/gravel</u>	
Aliquot #4: Latitude: _____	N Longitude _____ W
Media description: _____	
Aliquot #5: Latitude: <u>4/22/13</u>	N Longitude _____ W
Media description: _____	

STATION ID:

CV0224

SAMPLE ID:

CV0224B-CS

SAMPLE COLLECTION TIME: 1416

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

dy

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>33.55625650</u>	N Longitude <u>86.80203244</u> W
Media description: <u>Brown s.l.T w/coal fragments & gravel</u>	
Aliquot #2 Latitude: <u>33.55633351</u>	N Longitude <u>86.80201465</u> W
Media description: <u>SAME B1</u>	
Aliquot #3: Latitude: <u>33.55630387</u>	N Longitude <u>86.80209033</u> W
Media description: <u>SAME B1</u>	
Aliquot #4: Latitude: <u>33.55625469</u>	N Longitude <u>86.80216796</u> W
Media description: <u>SAME B1</u>	
Aliquot #5: Latitude: <u>33.55635224</u>	N Longitude <u>86.80215701</u> W
Media description: <u>SAME B1</u>	

(b) (6)

ADDRESS:

PROPERTY ID:

CV0905

DATE:

4-22-13

ARRIVAL TIME:

1445 CV1329

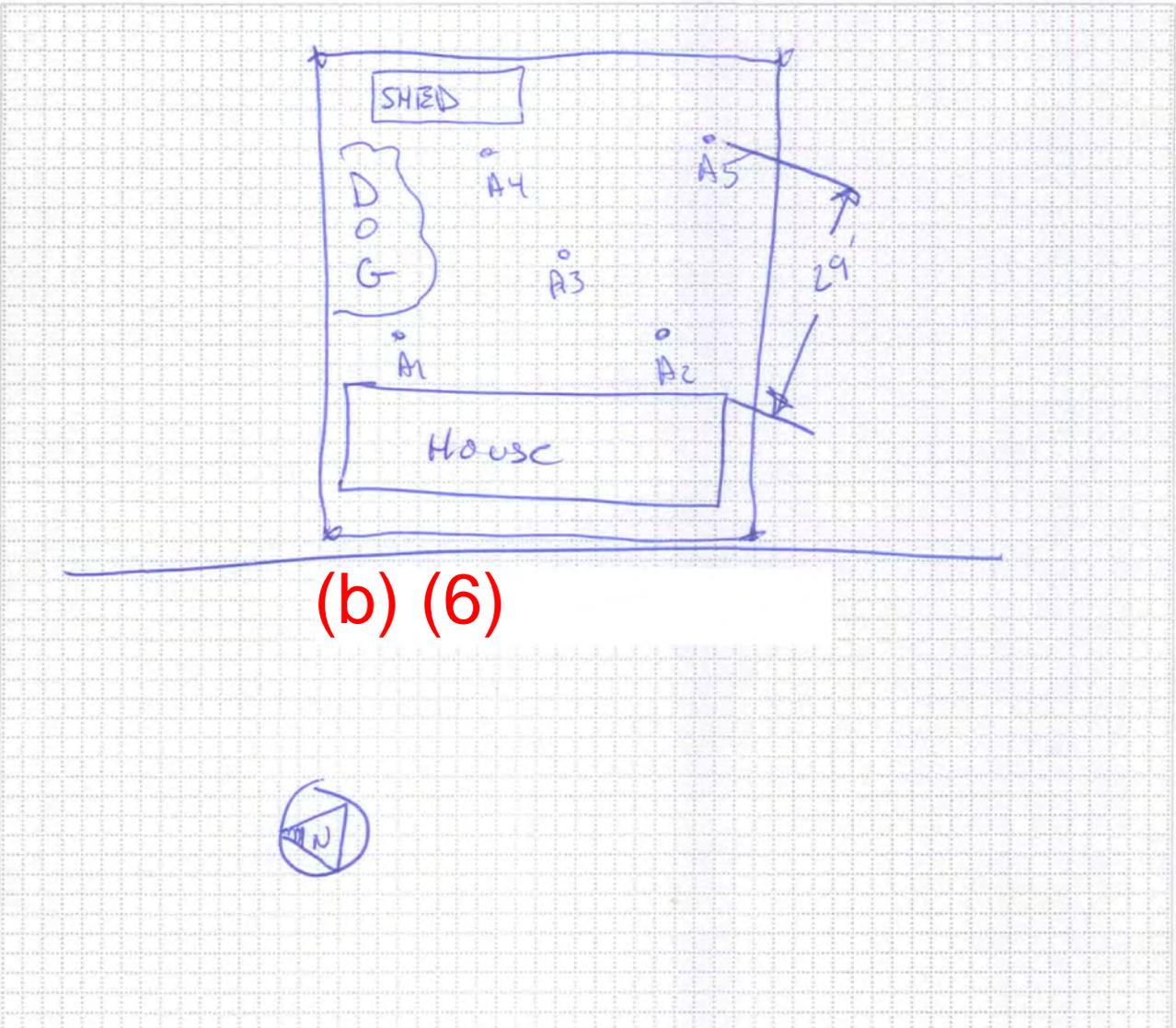
Other pertinent information (weather conditions, etc.):

79°

PROPERTY COMMENTS:

No Room on front of House for sample

Grid for property sketch



(b) (6)

STATION ID: CU 1329
CV 0905 ^(Dr)

SAMPLE ID: CV 0905A-CS
CU 1329 A-CS

SAMPLE COLLECTION TIME: 1455

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>33.55231152</u> N Longitude <u>86.80037040</u> W Media description: <u>Orange/Brown sandy silt</u>
Aliquot #2: Latitude: <u>33.55222461</u> N Longitude <u>86.80036184</u> W Media description: <u>Same A1</u>
Aliquot #3: Latitude: <u>33.55225841</u> N Longitude <u>86.80030241</u> W Media description: <u>same A1</u>
Aliquot #4: Latitude: <u>33.55228018</u> N Longitude <u>86.80026586</u> W Media description: <u>same A1</u>
Aliquot #5: Latitude: <u>33.55222839</u> N Longitude <u>86.80025889</u> W Media description: <u>same A1 + coal fragments</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>4/22/13</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: CV0809

DATE: 4/23/13

ARRIVAL TIME: 0846

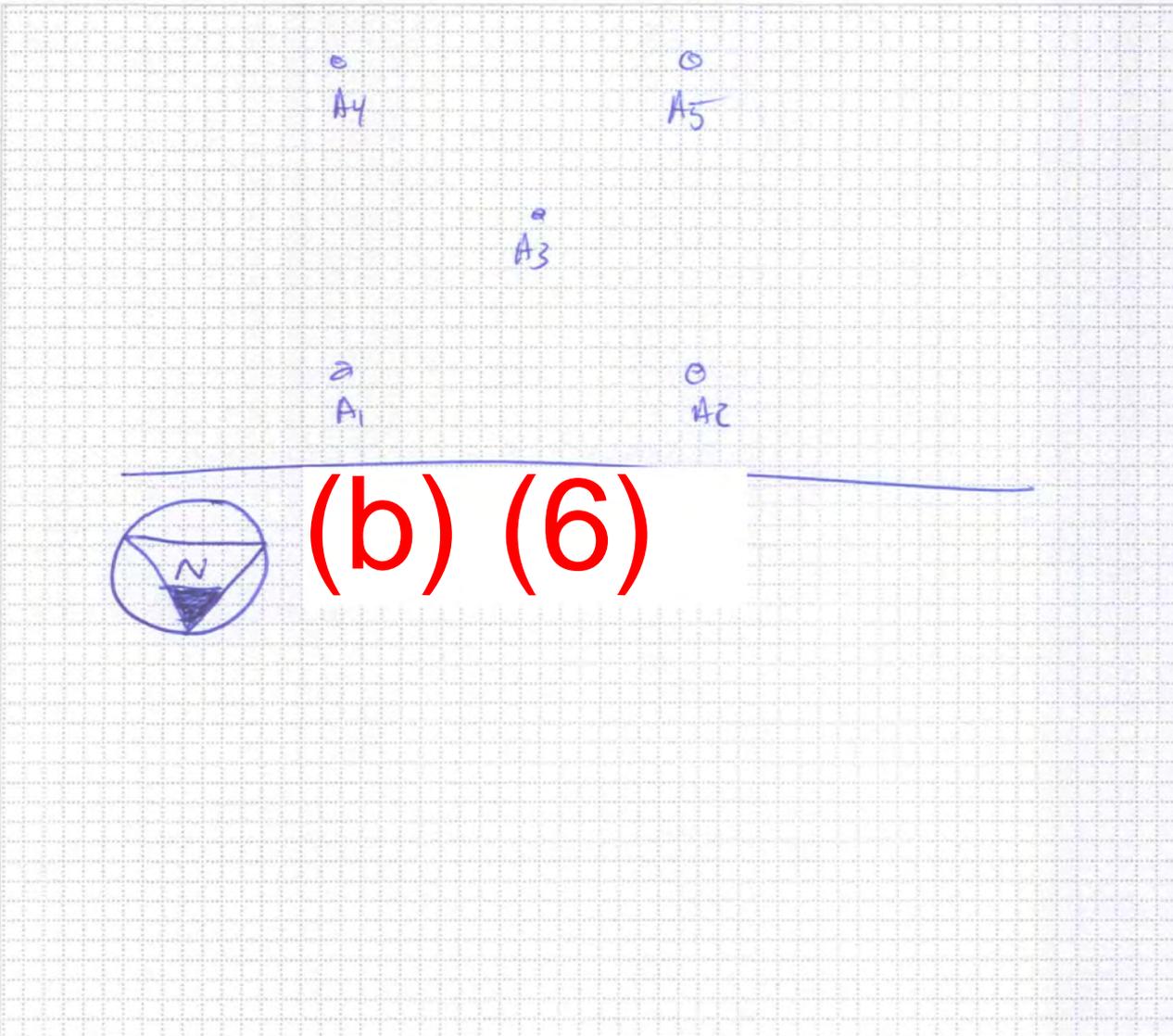
Other pertinent information (weather conditions, etc.):

68°

PROPERTY COMMENTS:

Empty Parcel

Grid for property sketch



STATION ID: CV0809 SAMPLE ID: CV0809A-CS

SAMPLE COLLECTION TIME: 0845

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: CV0809A-CS-D

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55389061</u> N Longitude <u>86.80085170</u> W Media description: <u>Dark Brown silty Clay w/gravel & coal fragments</u>
Aliquot #2: Latitude: <u>33.55389198</u> N Longitude <u>86.80096619</u> W Media description: <u>SAME A1</u>
Aliquot #3: Latitude: <u>33.55382977</u> N Longitude <u>86.80090942</u> W Media description: <u>SAME A1</u>
Aliquot #4: Latitude: <u>33.55375827</u> N Longitude <u>86.80086134</u> W Media description: <u>SAME A1</u>
Aliquot #5: Latitude: <u>33.55375760</u> N Longitude <u>86.80097365</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 [<input type="checkbox"/>] Instrument #: _____ Logged? Y or N
Aliquot #1: Latitude: _____ N Longitude _____ W Media description: <u>C1/23/13</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: _____

(b) (6)

ADDRESS: _____ PROPERTY ID: CV0773

DATE: 4-23-13 ARRIVAL TIME: 0910

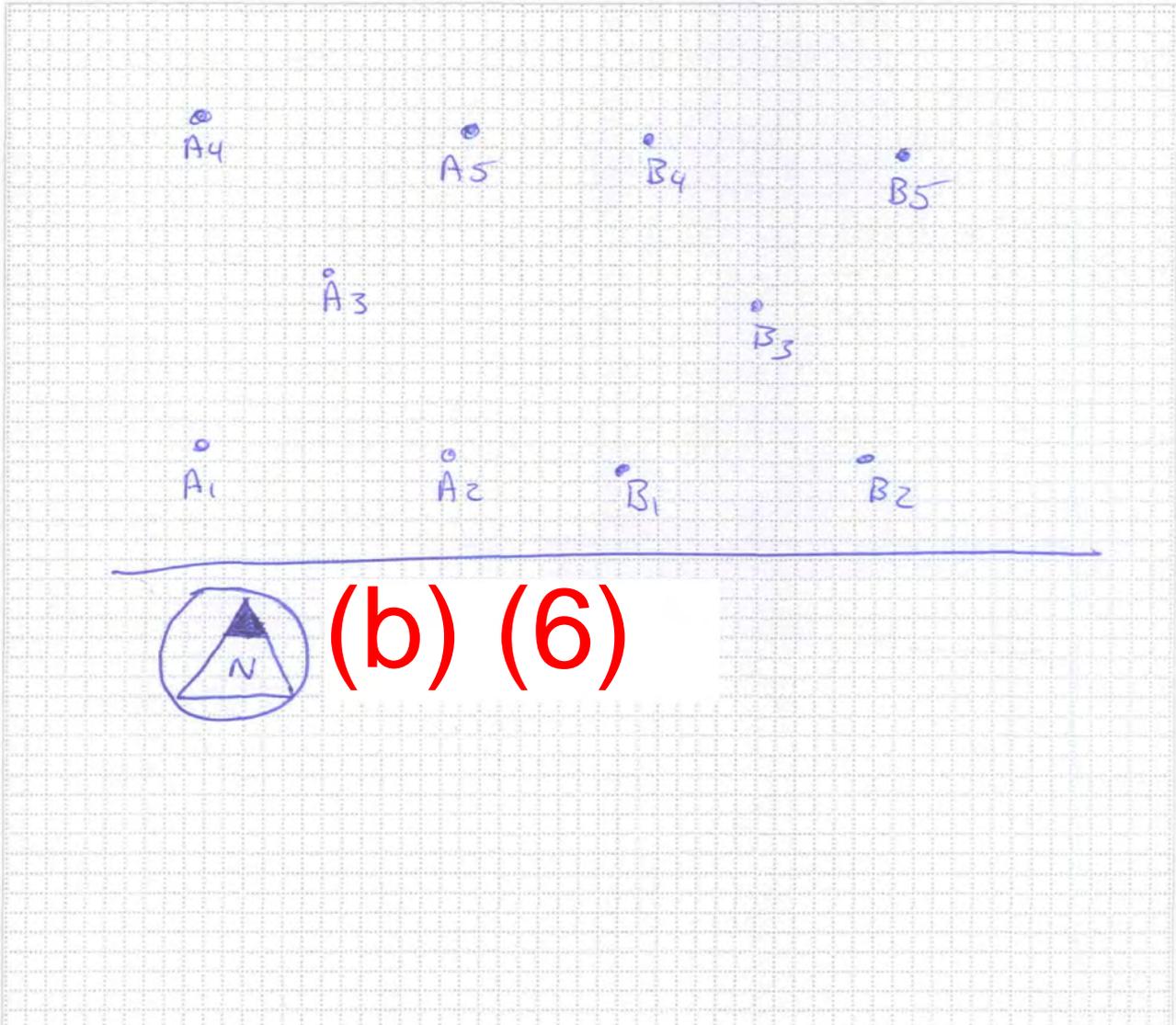
Other pertinent information (weather conditions, etc.):

68° sunny

PROPERTY COMMENTS:

Empty Parcel

Grid for property sketch



STATION ID: CVO773 SAMPLE ID: CVO773A-CS

SAMPLE COLLECTION TIME: 0925

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: _____

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>020168</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.55345355</u>	N Longitude <u>86.80310598</u> W
Media description: <u>Dark Brown s.lty clay + coal & gravel</u>	
Aliquot #2 Latitude: <u>33.55345640</u>	N Longitude <u>86.80301980</u> W
Media description: <u>Brown s.lty clay w/gravel</u>	
Aliquot #3: Latitude: <u>33.55353298</u>	N Longitude <u>86.80305841</u> W
Media description: <u>SAME A2</u>	
Aliquot #4: Latitude: <u>33.55359856</u>	N Longitude <u>86.80309750</u> W
Media description: <u>SAME A2</u>	
Aliquot #5: Latitude: <u>33.55360648</u>	N Longitude <u>86.80301486</u> W
Media description: <u>SAME A2</u>	

STATION ID: CVO773 SAMPLE ID: CVO773B-CS

SAMPLE COLLECTION TIME: 0935

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: _____

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>020168</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.55345709</u>	N Longitude <u>86.80290936</u> W
Media description: <u>Dark Brown sandy s.lty w/gravel</u>	
Aliquot #2 Latitude: <u>33.55346100</u>	N Longitude <u>86.80277730</u> W
Media description: <u>SAME B2</u>	
Aliquot #3: Latitude: <u>33.55353158</u>	N Longitude <u>33.55353158</u> W
Media description: <u>Dark Brown sandy s.lty w/gravel & coal fragment</u>	
Aliquot #4: Latitude: <u>33.55360359</u>	N Longitude <u>86.80291360</u> W
Media description: <u>SAME B3</u>	
Aliquot #5: Latitude: <u>33.55360272</u>	N Longitude <u>86.80278239</u> W
Media description: <u>SAME B3</u>	

(b) (6)

ADDRESS: _____ PROPERTY ID: CV1202

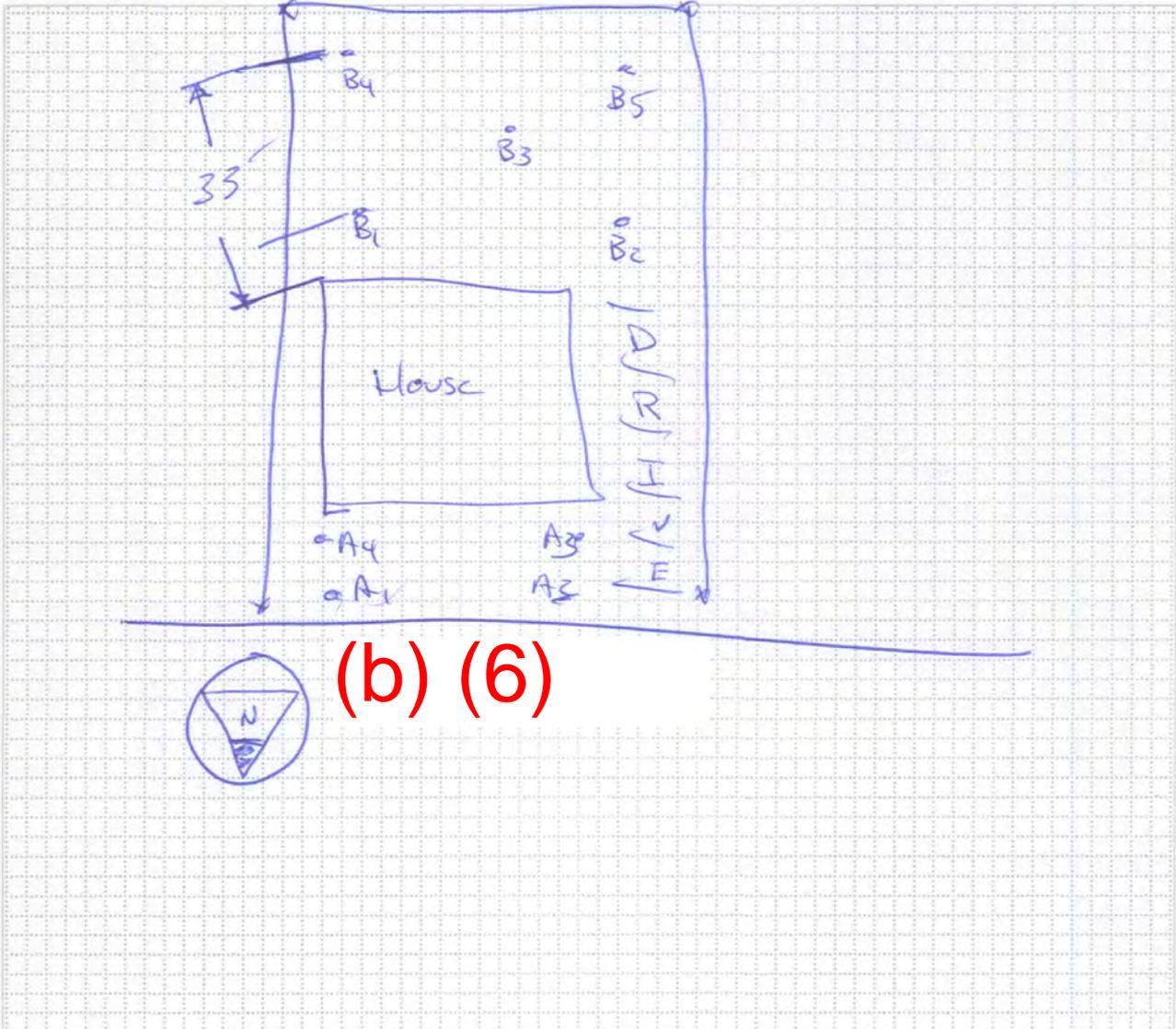
DATE: 4-23-13 ARRIVAL TIME: 0955

Other pertinent information (weather conditions, etc.):

68° Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV1202 SAMPLE ID: CV1202A-CS

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: _____

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.55200550</u>	N Longitude <u>86.80411444</u> W
Media description: <u>Dark Brown s.lty Clay w/gravel & Coal Fragments</u>	
Aliquot #2: Latitude: <u>33.55200765</u>	N Longitude <u>86.80417713</u> W
Media description: <u>SAME A1</u>	
Aliquot #3: Latitude: <u>33.55176910</u>	N Longitude <u>86.80418118</u> W
Media description: <u>SAME A1</u>	
Aliquot #4: Latitude: <u>33.55195454</u>	N Longitude <u>86.80412465</u> W
Media description: <u>SAME A1</u>	
Aliquot #5: Latitude: _____	N Longitude _____ W
Media description: <u>4/23/13</u>	

STATION ID: CV1202 SAMPLE ID: CV1202B-CS

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: CV1202B-CS-D

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.55178111</u>	N Longitude <u>86.80410178</u> W
Media description: <u>Dark Brown s.lty Clay w/gravel & Coal Fragments</u>	
Aliquot #2: Latitude: <u>33.55177094</u>	N Longitude <u>86.80417508</u> W
Media description: <u>SAME B1</u>	
Aliquot #3: Latitude: <u>33.55176478</u>	N Longitude <u>86.80413399</u> W
Media description: <u>SAME B1</u>	
Aliquot #4: Latitude: <u>33.55171019</u>	N Longitude <u>86.80410565</u> W
Media description: <u>SAME B1</u>	
Aliquot #5: Latitude: <u>33.55171627</u>	N Longitude <u>86.80418147</u> W
Media description: <u>SAME B1</u>	

(b) (6)

ADDRESS: _____ PROPERTY ID: CV1235

DATE: 4/23/13 ARRIVAL TIME: 1245

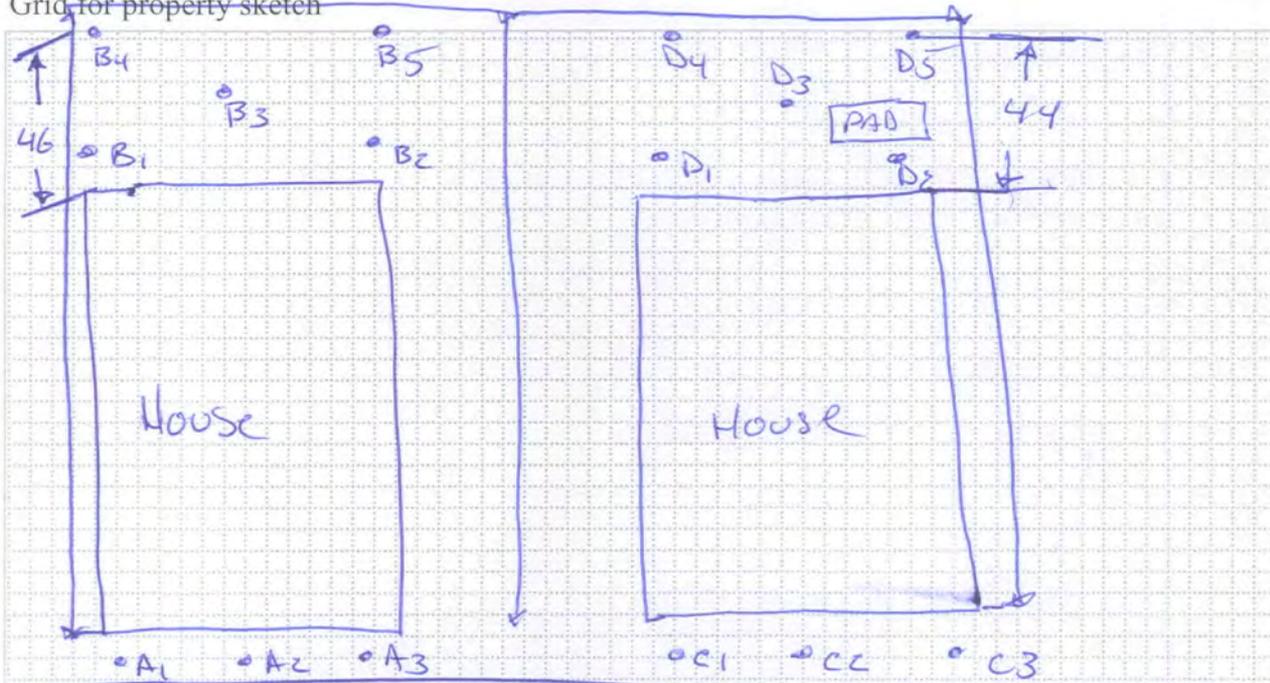
Other pertinent information (weather conditions, etc.):

78° sunny

PROPERTY COMMENTS:

Two Houses site on Parcel

Grid for property sketch



(b) (6)

STATION ID: CV1235 SAMPLE ID: CV1235A-CS

SAMPLE COLLECTION TIME: 1310

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: _____

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>020168</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.55207220</u> N Longitude <u>86.80106582</u> W	Media description: <u>Brown silty clay w/gravel & coal fragments</u>
Aliquot #2: Latitude: <u>33.55206892</u> N Longitude <u>86.80099259</u> W	Media description: <u>SAME A1</u>
Aliquot #3: Latitude: <u>33.55206952</u> N Longitude <u>86.80095768</u> W	Media description: <u>SAME A1</u>
Aliquot #4: Latitude: _____ N Longitude _____ W	Media description: _____
Aliquot #5: Latitude: _____ N Longitude _____ W	Media description: _____

4/23/13

STATION ID: CV1235 SAMPLE ID: CV1235B-CS

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: _____

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>020168</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.55227473</u> N Longitude <u>86.80103996</u> W	Media description: <u>Dark Brown sandy silt gravel & coal fragments</u>
Aliquot #2: Latitude: <u>33.55227787</u> N Longitude <u>86.80095288</u> W	Media description: <u>SAME B1</u>
Aliquot #3: Latitude: <u>33.55234403</u> N Longitude <u>86.80099661</u> W	Media description: <u>SAME B1</u>
Aliquot #4: Latitude: <u>33.55238352</u> N Longitude <u>86.80102355</u> W	Media description: <u>SAME B1</u>
Aliquot #5: Latitude: <u>33.5523690</u> N Longitude <u>86.80093599</u> W	Media description: <u>SAME B1</u>

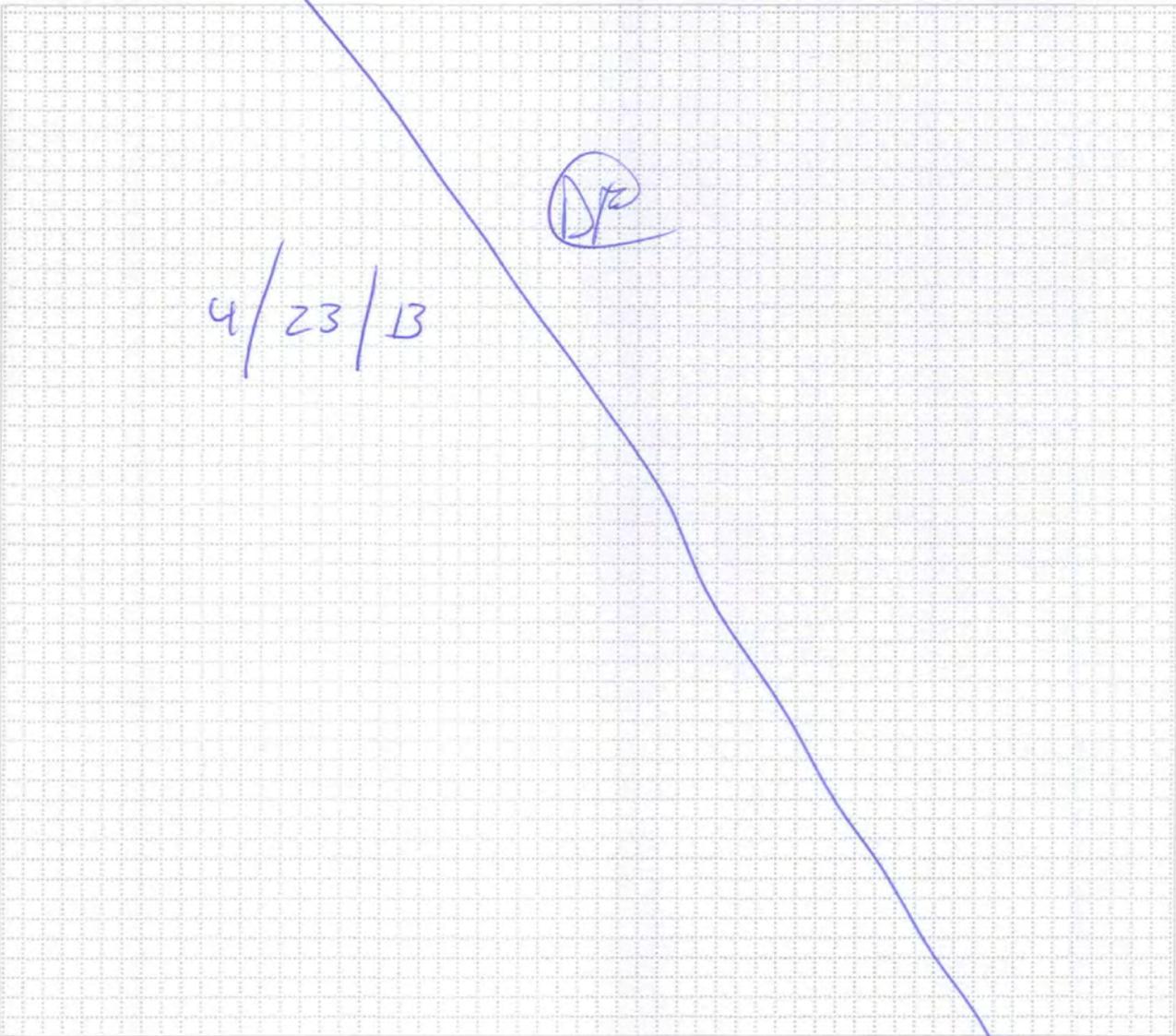
ADDRESS: Cont PROPERTY ID: CV1235

DATE: 4/23/13 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV1235 SAMPLE ID: CV1235C-CS

SAMPLE COLLECTION TIME: 1330

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: _____

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55208339</u> N Longitude <u>86.80090200</u> W Media description: <u>Dark Brown sandy s.l.T w/gravel & coal frags</u>
Aliquot #2: Latitude: <u>33.55208090</u> N Longitude <u>86.80083405</u> W Media description: <u>SAME A1</u>
Aliquot #3: Latitude: <u>33.55207572</u> N Longitude <u>86.80077594</u> W Media description: <u>SAME A1</u>
Aliquot #4: Latitude: _____ N Longitude _____ W Media description: _____
Aliquot #5: Latitude: <u>4/23/13</u> N Longitude _____ W Media description: _____

STATION ID: CV1235 SAMPLE ID: CV1235D-CS

SAMPLE COLLECTION TIME: 1340

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: CV1235D-CS-D

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55227414</u> N Longitude <u>86.80089236</u> W Media description: <u>Dark Brown sandy s.l.T w/gravel & coal fragments</u>
Aliquot #2: Latitude: <u>33.55227933</u> N Longitude <u>86.80079696</u> W Media description: <u>SAME D1</u>
Aliquot #3: Latitude: <u>33.55234014</u> N Longitude <u>86.80084368</u> W Media description: <u>SAME D1</u>
Aliquot #4: Latitude: <u>33.55238839</u> N Longitude <u>86.80087351</u> W Media description: <u>SAME D1</u>
Aliquot #5: Latitude: <u>33.55238598</u> N Longitude <u>86.80079787</u> W Media description: <u>SAME D1</u>

(b) (6)

ADDRESS: _____

PROPERTY ID: _____

CV 1324
~~CV 1324~~

DATE: 4/23/13

ARRIVAL TIME: 1400

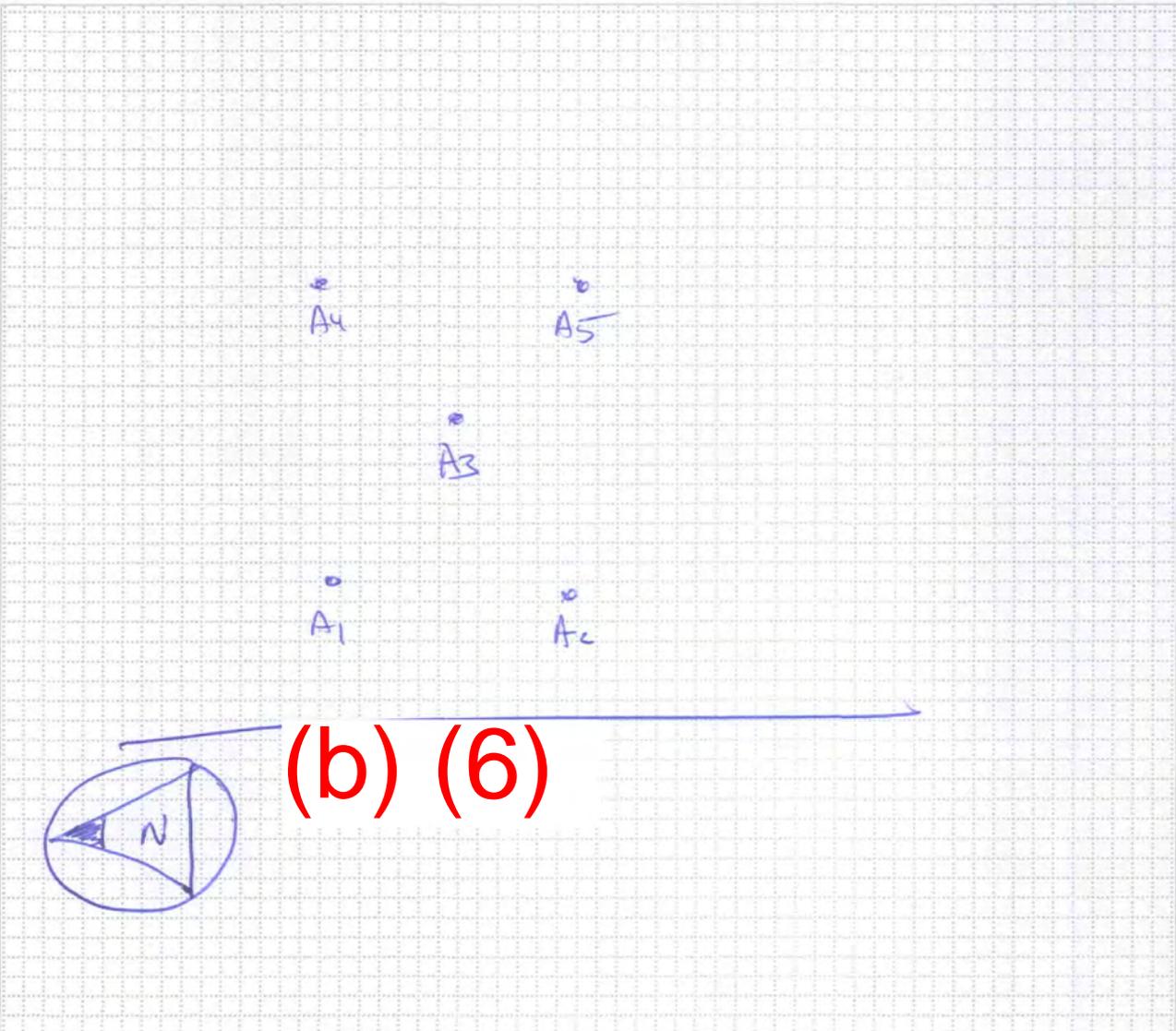
Other pertinent information (weather conditions, etc.):

78° Sunny

PROPERTY COMMENTS:

Empty Parcel

Grid for property sketch



STATION ID: CV1324 SAMPLE ID: CV1324A-CS

SAMPLE COLLECTION TIME: 1420

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: _____

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #: <u>020168</u>	Logged? Y or N
Aliquot #1: Latitude: <u>33.55173590</u>	N Longitude: <u>86.80042935</u>	W
Media description: <u>Brown silty clay w/ gravel</u>		
Aliquot #2: Latitude: <u>33.55169083</u>	N Longitude: <u>86.80042248</u>	W
Media description: <u>Dark Brown sandy silt w/ gravel & coal frag</u>		
Aliquot #3: Latitude: <u>33.55169962</u>	N Longitude: _____	W
Media description: <u>SAME AZ</u>		
Aliquot #4: Latitude: <u>33.55171858</u>	N Longitude: <u>86.80025251</u>	W
Media description: <u>SAME AZ</u>		
Aliquot #5: Latitude: <u>33.55168012</u>	N Longitude: <u>86.80024929</u>	W
Media description: <u>SAME AZ</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>4/29/13</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: CV 1158

DATE: 4/23/13

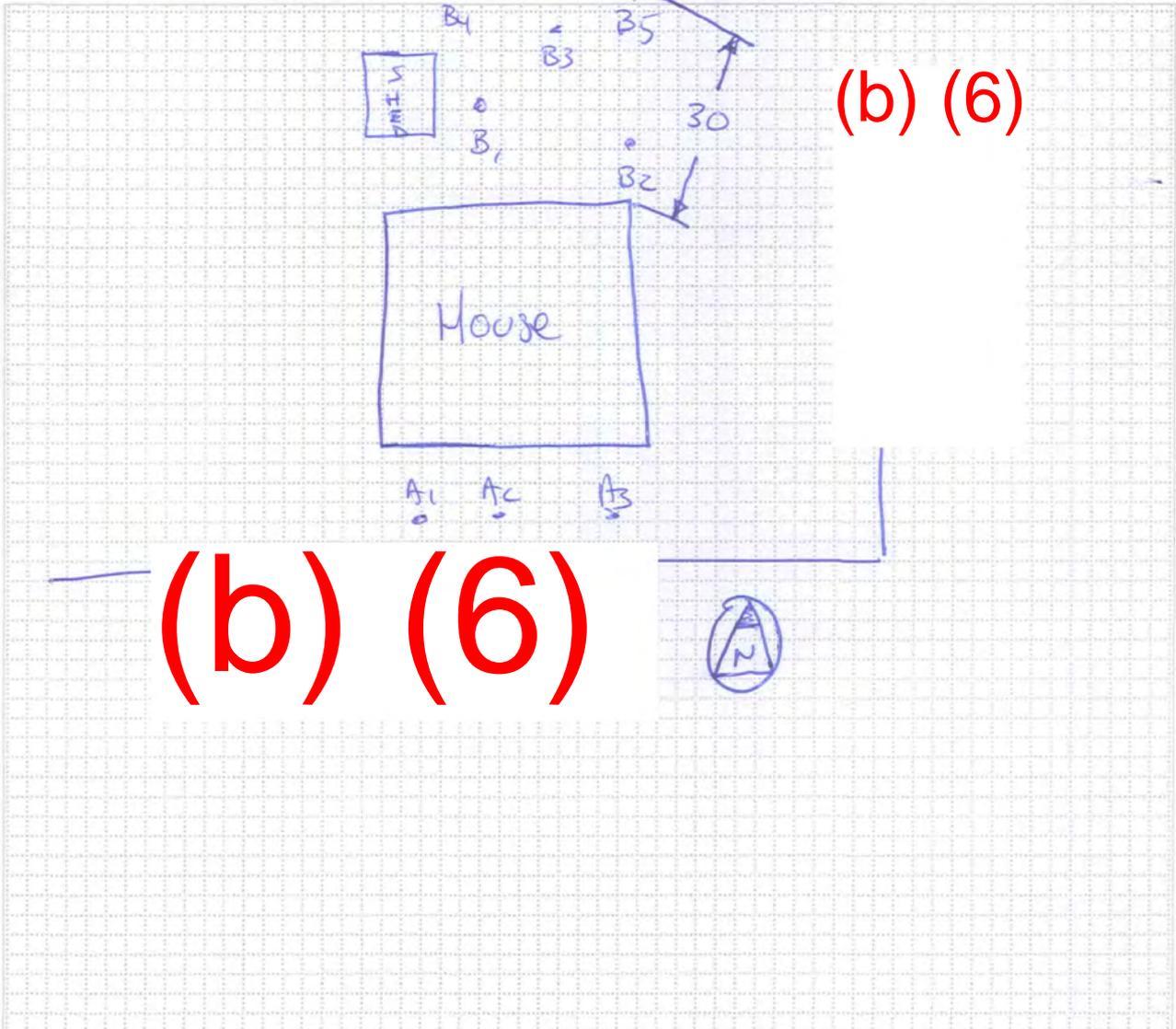
ARRIVAL TIME: 1440

Other pertinent information (weather conditions, etc.):

78° sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV 1158 SAMPLE ID: CV 1158A-CS

SAMPLE COLLECTION TIME: 1445

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: _____

GPS Coordinates: Trimble [<input checked="" type="checkbox"/> Instrument #: <u>02068</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.55127976</u> N Longitude <u>86.80075811</u> W	Media description: <u>Dark Brown sandy silt w/ gravel & coal fragment</u>
Aliquot #2: Latitude: <u>33.55128178</u> N Longitude <u>86.80072202</u> W	Media description: <u>SAME A1</u>
Aliquot #3: Latitude: <u>33.55129075</u> N Longitude <u>86.80068251</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>4/23/13</u>

STATION ID: CV 1158 SAMPLE ID: CV 1158B-CS

SAMPLE COLLECTION TIME: 1500

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

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>02068</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.55148463</u> N Longitude <u>86.80071344</u> W	Media description: <u>Bran sandy silt w/ gravel</u>
Aliquot #2: Latitude: <u>33.55146424</u> N Longitude <u>86.80068274</u> W	Media description: <u>Bran silty clay same gravel</u>
Aliquot #3: Latitude: <u>33.55152120</u> N Longitude <u>86.80070254</u> W	Media description: <u>SAME B2</u>
Aliquot #4: Latitude: <u>33.55157097</u> N Longitude <u>86.80073021</u> W	Media description: <u>Dark Brown sandy silt w/ coal fragment & gravel</u>
Aliquot #5: Latitude: <u>33.55156604</u> N Longitude <u>86.80067664</u> W	Media description: <u>SAME B5</u>

(b) (6)

ADDRESS:

PROPERTY ID:

CV1336

DATE:

4-24-13

ARRIVAL TIME:

0855

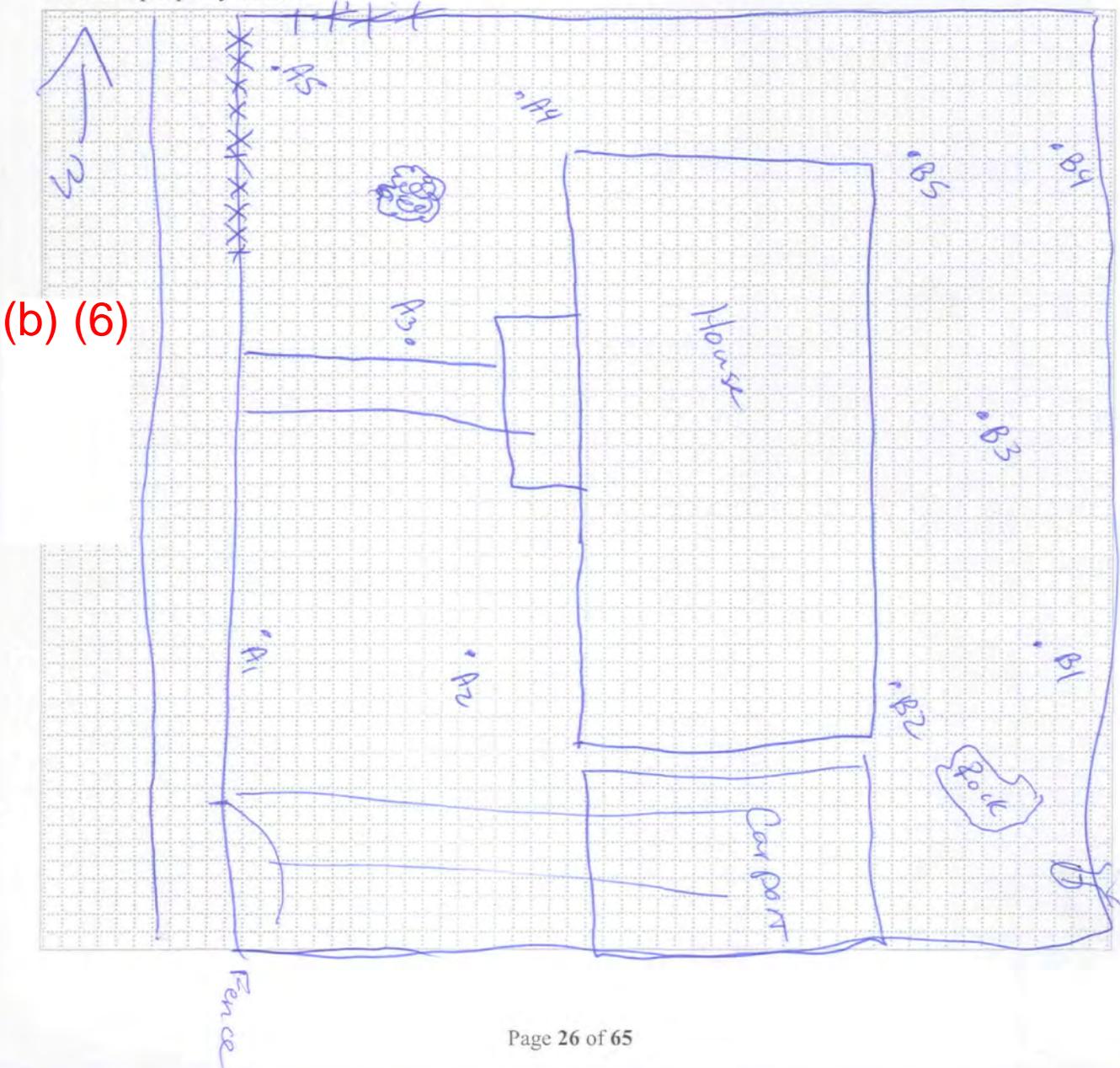
Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Map says 2909 33rd Way N however the house that corresponds to the map placement has (b) (6) as house number.

Partly Cloudy.

Grid for property sketch



STATION ID: CV1336

SAMPLE ID: CV1336A-CS

SAMPLE COLLECTION TIME: 0920

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: CV1336A-CSD

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #: <u>020168</u>	Logged? Y or N
Aliquot #1: Latitude: <u>33.55209010</u>	N Longitude: <u>86.79906298</u>	W
Media description: <u>Brown silty clay w/ gravel Dry.</u>		
Aliquot #2: Latitude: <u>33.55215470</u>	N Longitude: <u>86.79900776</u>	W
Media description: <u>Same as #1</u>		
Aliquot #3: Latitude: <u>33.55209231</u>	N Longitude: <u>86.7989923</u>	<u>86.79901439</u>
Media description: <u>33.55204113 Same as #1</u>		
Aliquot #4: Latitude: <u>33.55204113</u>	N Longitude: <u>86.7989923</u>	W
Media description: <u>Dark Brown silty clay w/ gravel + coal fragment.</u>		
Aliquot #5: Latitude: <u>33.55203591</u>	N Longitude: <u>86.79904712</u>	W
Media description: <u>Same as #4</u>		

STATION ID: CV1336

SAMPLE ID: CV1336B-CS

SAMPLE COLLECTION TIME: 0930

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 #: _____	Logged? Y or N
Aliquot #1: Latitude: <u>33.55203237</u>	N Longitude: <u>86.79881178</u>	W
Media description: <u>Dark Brown to Black Sandy Silt w/ Gravel + Coal Frag.</u>		
Aliquot #2: Latitude: <u>33.55201961</u>	N Longitude: <u>86.79885285</u>	W
Media description: <u>Same as #1</u>		
Aliquot #3: Latitude: <u>33.55209930</u>	N Longitude: <u>86.79883164</u>	W
Media description: <u>Brown Sandy Silt w/ Gravel + Coal Fragments</u>		
Aliquot #4: Latitude: <u>33.55213815</u>	N Longitude: <u>86.79880446</u>	W
Media description: <u>Same as #1</u>		
Aliquot #5: Latitude: <u>33.55213298</u>	N Longitude: <u>86.79885754</u>	W
Media description: <u>Same as #1</u>		

(b) (6)

ADDRESS: _____ PROPERTY ID: CV1116

DATE: 4-24-13 ARRIVAL TIME: 0950

Other pertinent information (weather conditions, etc.):

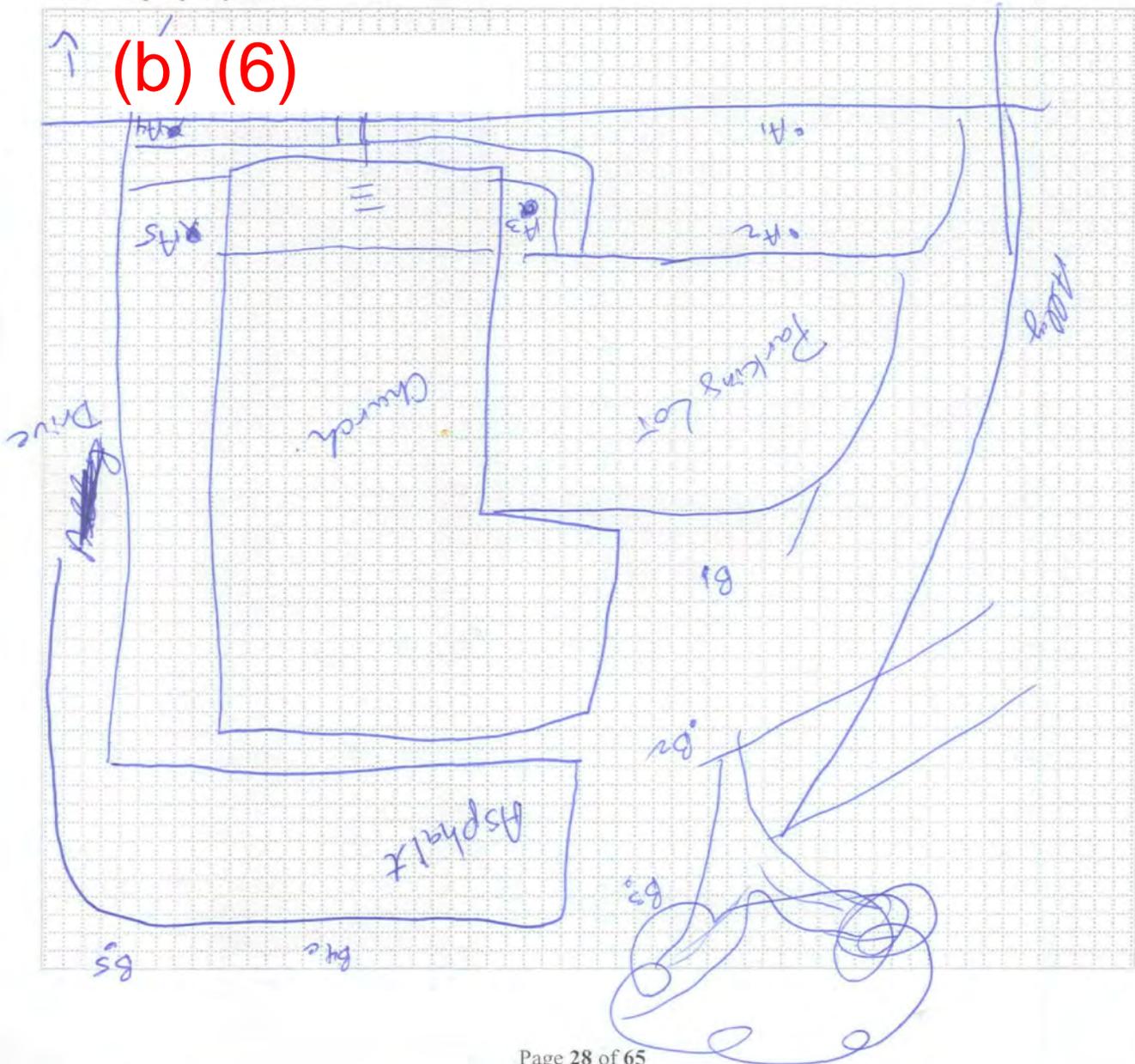
Cloudy

PROPERTY COMMENTS:

Greater Antioch Baptist Church

only 2 sample collected. Large amount of lot
is Paved

Grid for property sketch



STATION ID: CV1116 SAMPLE ID: CV1116A

SAMPLE COLLECTION TIME: 1025

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

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>33.55021795</u> N Longitude <u>86.79632240</u> W Media description: <u>Brown Silty Clay w/ gravel + coal Fragments</u>
Aliquot #2: Latitude: <u>33.55018800</u> N Longitude <u>86.79632147</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.55020867</u> N Longitude <u>86.79640789</u> W Media description: <u>Same as #1</u>
Aliquot #4: Latitude: <u>33.55022389</u> N Longitude <u>86.79649576</u> W Media description: <u>Same as #1</u>
Aliquot #5: Latitude: <u>33.55019939</u> N Longitude <u>86.79649749</u> W Media description: <u>Same as #1</u>

STATION ID: CV1116 SAMPLE ID: CV1116B

SAMPLE COLLECTION TIME: 1020 25

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
Back of Church - More of a J sampling Pattern

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>33.55000834</u> N Longitude <u>86.79632007</u> W Media description: <u>Dark Brown Silty Clay</u>
Aliquot #2: Latitude: <u>33.54995991</u> N Longitude <u>86.79630342</u> W Media description: <u>Same as #1</u>
Aliquot #3: Latitude: <u>33.54991619</u> N Longitude <u>86.79634845</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.54989273</u> N Longitude <u>86.79646237</u> W Media description: <u>Dark Brown Silty Clay w/ lots of Gravel</u>
Aliquot #5: Latitude: <u>33.54989816</u> N Longitude <u>86.79651857</u> W Media description: <u>Same as #4</u>

(b) (6)

ADDRESS: _____

PROPERTY ID: CV 1220

DATE: 4-25-13

ARRIVAL TIME: 0915

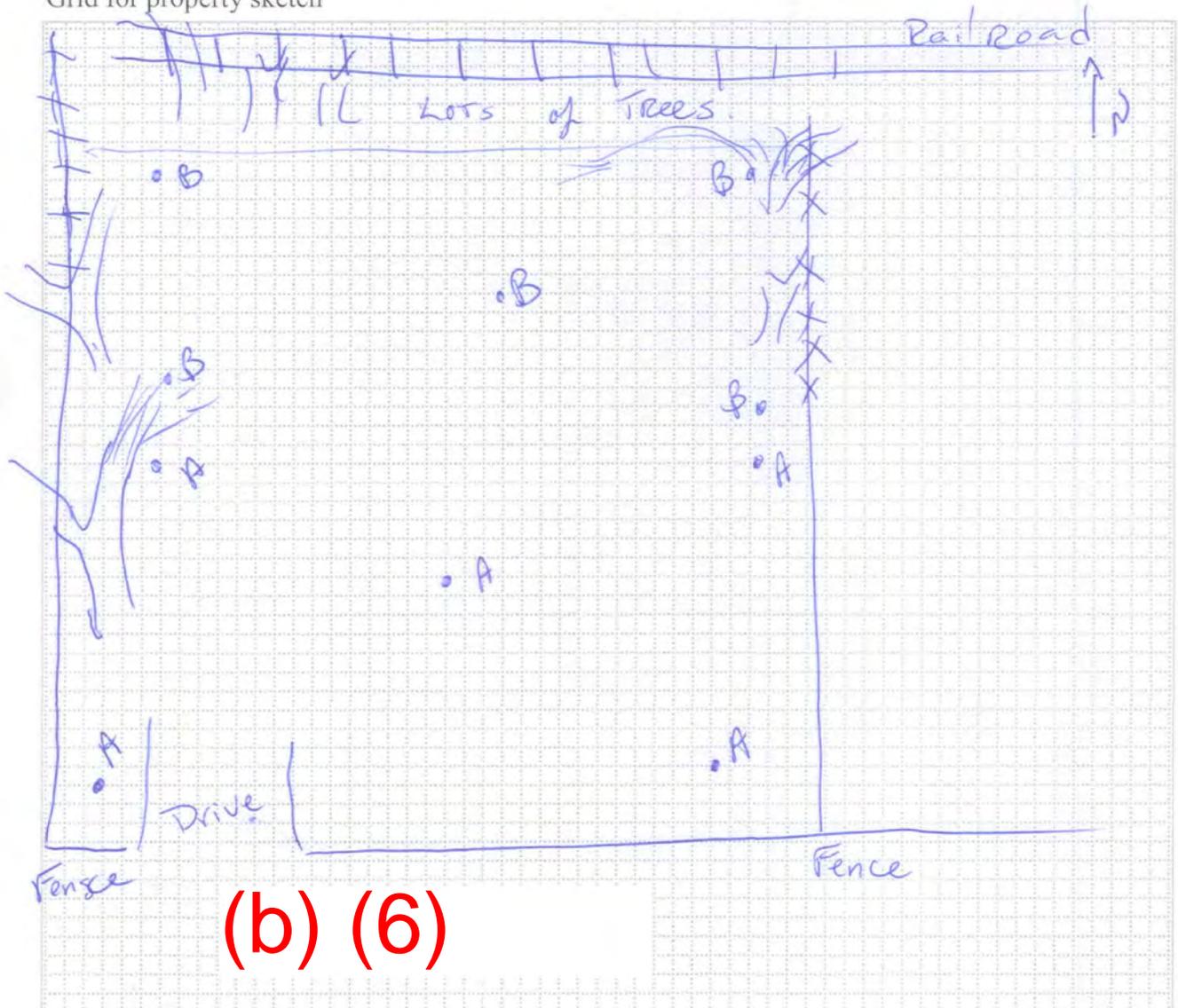
Other pertinent information (weather conditions, etc.):

Sunny

PROPERTY COMMENTS:

Vacant Lot - Lots of Trees at back of Property

Grid for property sketch



(b) (6)

STATION ID: CV1220A SAMPLE ID: CV1220A-CS

SAMPLE COLLECTION TIME: 0930

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

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV1220A-CS1

GPS Coordinates: Trimble [] Instrument #: 20168 (no beacon) Logged? Y or N

Aliquot #1: Latitude: 33.55210575 N Longitude 86.80251554 W
Media description: Dark Brown to Black Sandy silt w/ Gravel + coal Frag.

Aliquot #2: Latitude: 33.55224329 N Longitude 86.80251406 W
Media description: same as #1

Aliquot #3: Latitude: 33.55218370 N Longitude 86.80246269 W
Media description: same as #1

Aliquot #4: Latitude: 33.55224803 N Longitude 86.80240496 W
Media description: same as #1

Aliquot #5: Latitude: 33.55209735 N Longitude 86.80242419 W
Media description: same as #1

STATION ID: CV 1220 B SAMPLE ID: 1220 B -CS

SAMPLE COLLECTION TIME: 0950

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

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 #: 020168 - No Beacon Logged? Y or N

Aliquot #1: Latitude: 33.55226836 N Longitude 86.80249441 W
Media description: Dark Brown to Black Sandy silt w/Gravel + Coal Fragments

Aliquot #2: Latitude: 33.55241732 N Longitude 86.80249331 W
Media description: Brown Silty clay with some Gravel

Aliquot #3: Latitude: 33.55233842 N Longitude 86.80244567 W
Media description: same as #1

Aliquot #4: Latitude: 33.55241002 N Longitude 86.802-39741 W
Media description: same as #1

Aliquot #5: Latitude: 33.55225794 N Longitude 86.8023 9598 W
Media description: same as #1

(b) (6)

ADDRESS:

PROPERTY ID:

CV1227

DATE:

4-25-13

ARRIVAL TIME:

1000

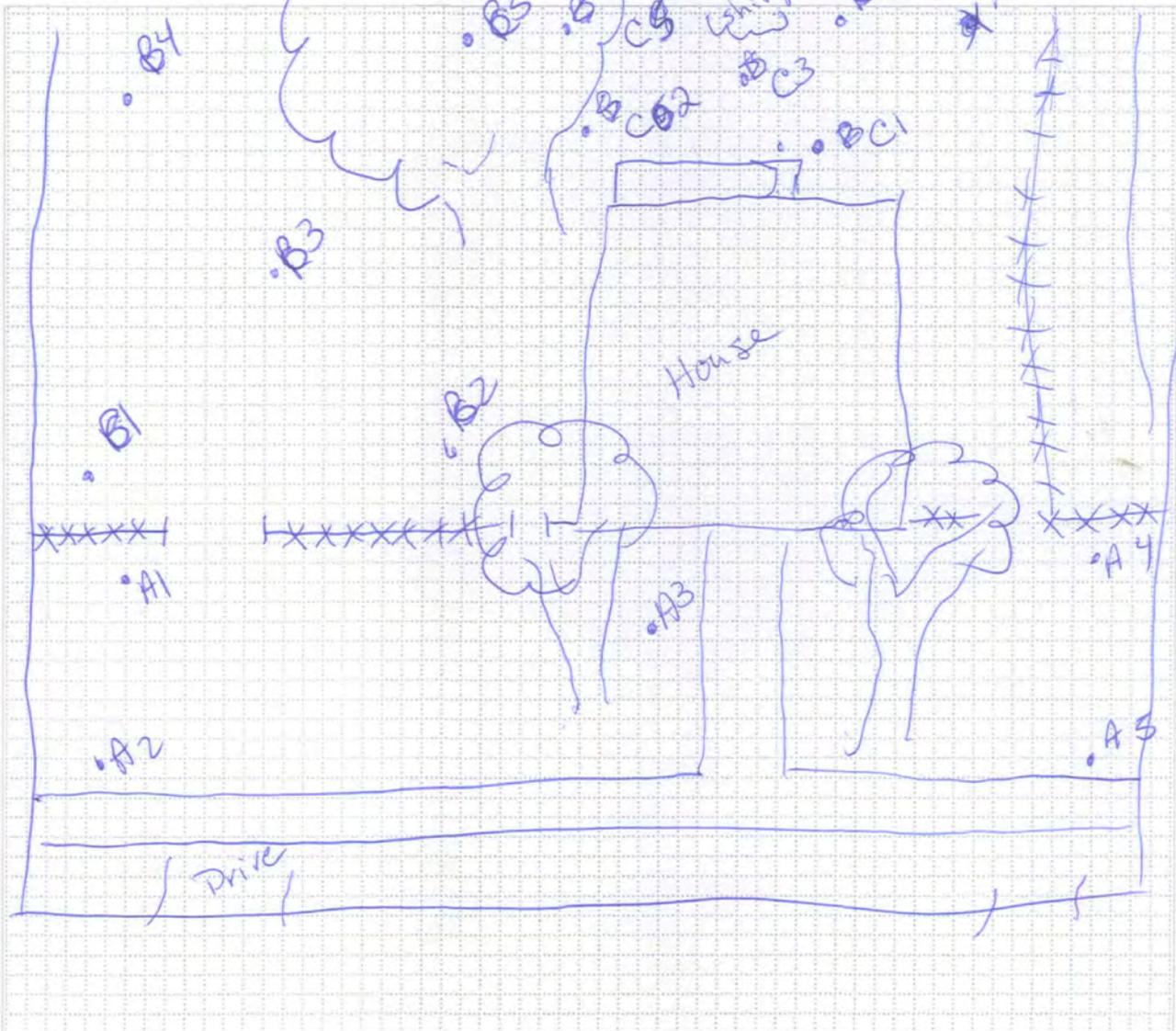
Other pertinent information (weather conditions, etc.):

Sunny.

PROPERTY COMMENTS:

Abandoned House

Grid for property sketch



STATION ID: CV1227 SAMPLE ID: CV1227A-CS

SAMPLE COLLECTION TIME: 1025

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: _____

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168 (No beacon)</u> Logged? Y or N			
Aliquot #1: Latitude: <u>33.55208230</u>	N Longitude <u>86.80162018</u>		W
Media description: <u>BWN SILTY CLAY w/ GRAVEL</u>			
Aliquot #2 Latitude: <u>33.55213568</u>	N Longitude <u>86.80161892</u>		W
Media description: <u>DK BWN SILTY CLAY w/ GRAVEL + COAL FRAGMENTS</u>			
Aliquot #3: Latitude: <u>33.55211471</u>	N Longitude <u>86.80173901</u>		W
Media description: <u>SAME AS #2</u>			
Aliquot #4: Latitude: <u>33.55210065</u>	N Longitude <u>86.80186579</u>		W
Media description: <u>SAME AS #2</u>			
Aliquot #5: Latitude: <u>33.55215084</u>	N Longitude <u>86.80186915</u>		W
Media description: <u>SAME AS #2</u>			

STATION ID: CV1227 SAMPLE ID: CV1227B-CS

SAMPLE COLLECTION TIME: 1040

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

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

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

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168 (No Beacon)</u> Logged? Y or N			
Aliquot #1: Latitude: <u>33.55219612</u>	N Longitude <u>86.80179217°</u>		W
Media description: <u>Brown Silty Clay w/ gravel + coal Frags</u>			
Aliquot #2 Latitude: <u>33.55220235</u>	N Longitude <u>86.80186697</u>		W
Media description: <u>same as #1</u>			
Aliquot #3: Latitude: <u>33.55227557</u>	N Longitude <u>86.80180183</u>		W
Media description: <u>same as #1</u>			
Aliquot #4: Latitude: <u>33.55239922</u>	N Longitude <u>86.80180795</u>		W
Media description: <u>same as #1</u>			
Aliquot #5: Latitude: <u>33.55239015</u>	N Longitude <u>86.80186941</u>		W
Media description: <u>same as #1</u>			

ADDRESS: (b) (6)

PROPERTY ID: CV1227

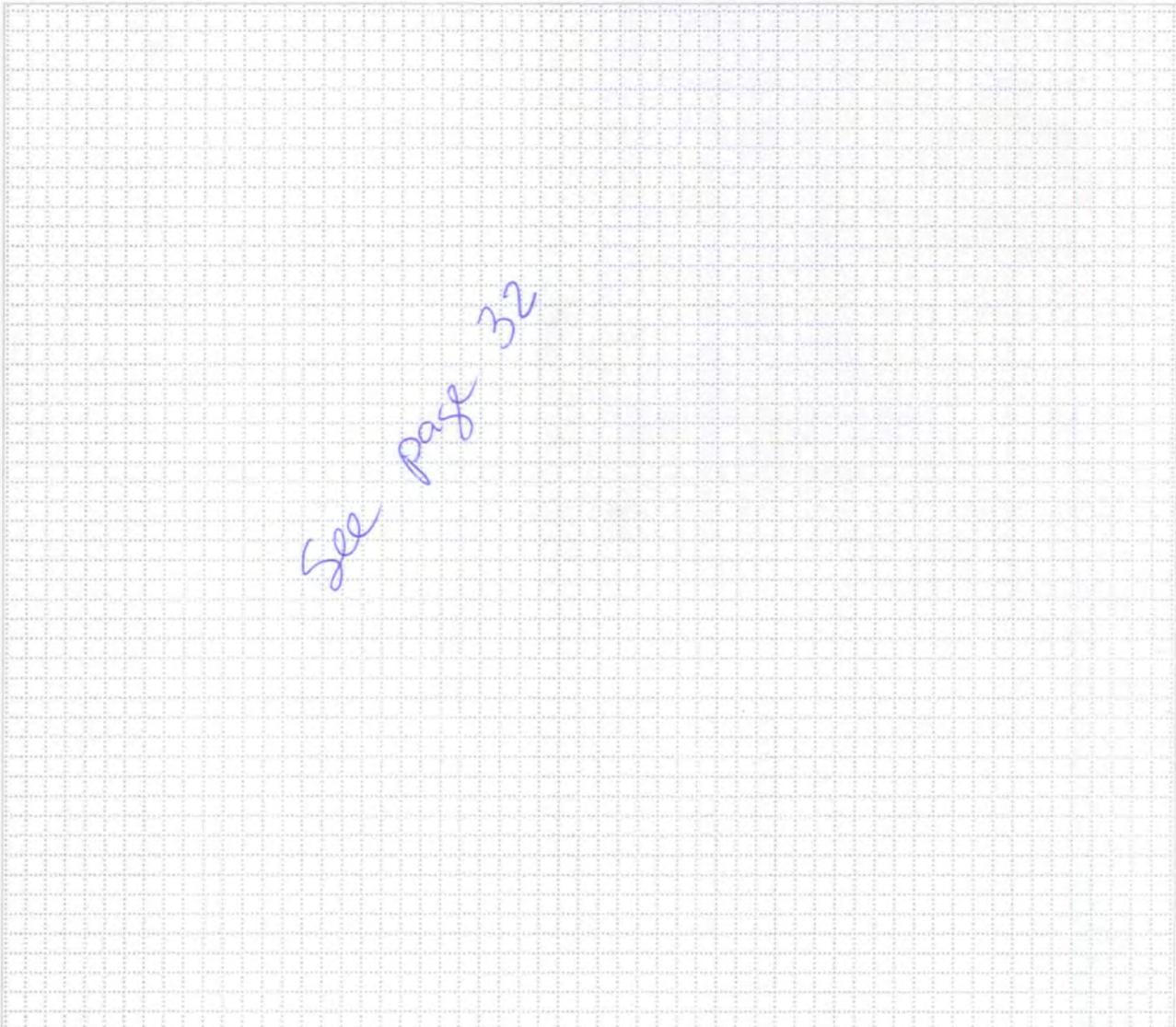
DATE: 4-25-13 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

Sunny

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV1227 SAMPLE ID: CV1227C-CS

SAMPLE COLLECTION TIME: 1050

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

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

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

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55229351</u> N Longitude <u>86.80160726</u> W Media description: <u>Dark Brown to Black Sandy silt w/ gravel + coal frags.</u>
Aliquot #2 Latitude: <u>33.55228988</u> N Longitude <u>86.80172726</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55233749</u> N Longitude <u>86.80168509</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.55239732</u> N Longitude <u>86.80172385</u> W Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.55240296</u> N Longitude <u>86.80162963</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: CV1228

DATE: 4-25-13

ARRIVAL TIME: 1100

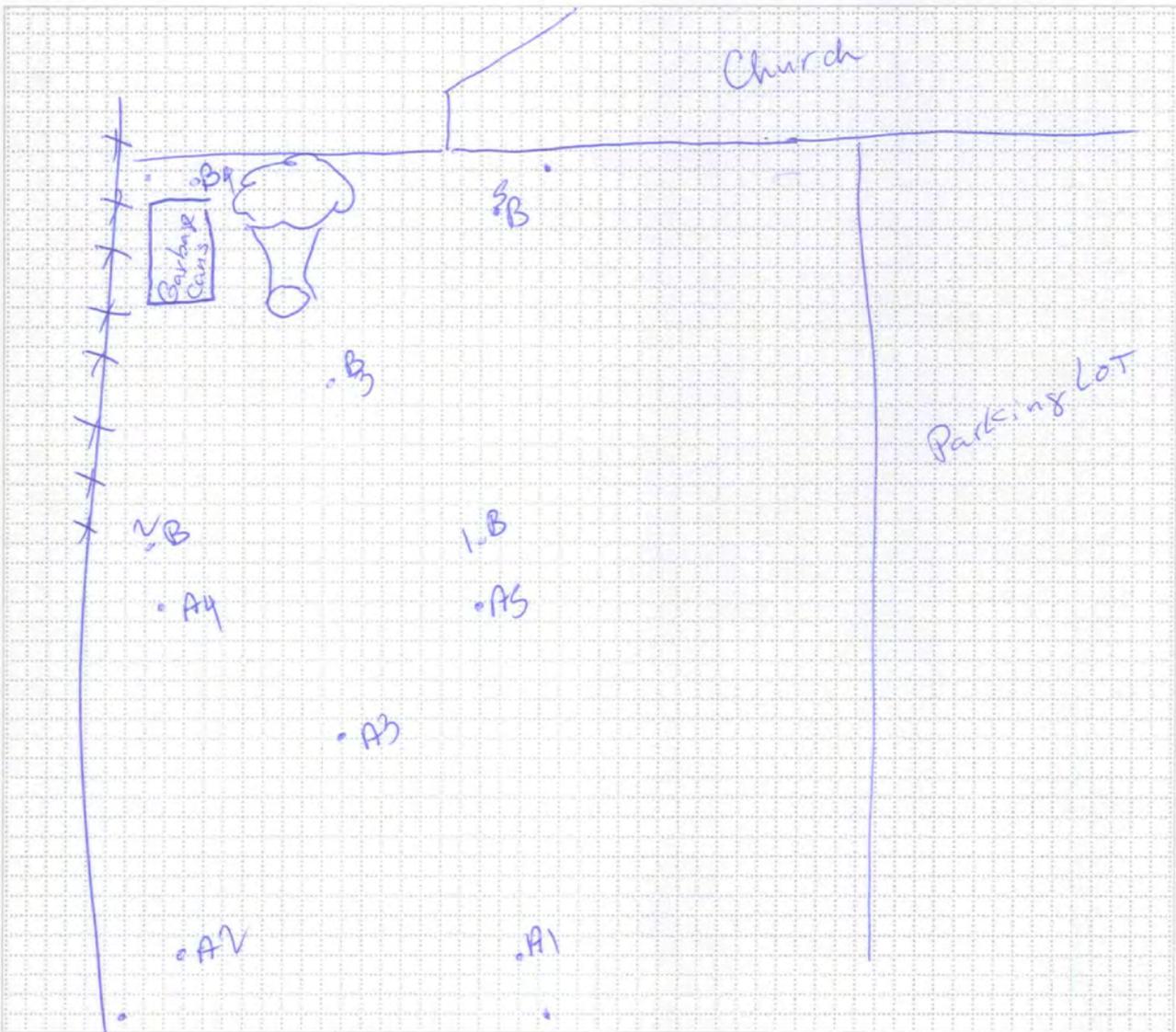
Other pertinent information (weather conditions, etc.):

Sunny

PROPERTY COMMENTS:

Vacant lot by Bethel Baptist Church.

Grid for property sketch



STATION ID: CV1228A SAMPLE ID: CV1228A-CS

SAMPLE COLLECTION TIME: 1115

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

Front 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 #: _____ Logged? Y or N

Aliquot #1: Latitude: 33.55193722 N Longitude 86.80173751 W

Media description: DK BWN SILTY CLAY w/ GRAVEL + COAL FRAGMENTS

Aliquot #2: Latitude: 33.55193218 N Longitude 86.80161223 W

Media description: BROWN SILTY CLAY w/ GRAVEL + COAL FRAGMENTS

Aliquot #3: Latitude: 33.55187505 N Longitude 86.80167270 W

Media description: SAME AS #2

Aliquot #4: Latitude: 33.55183355 N Longitude 86.80161717 W

Media description: SAME AS #1

Aliquot #5: Latitude: 33.55183924 N Longitude 86.80172221 W

Media description: SAME AS #2

STATION ID: CV1228B SAMPLE ID: CV1228B-CS

SAMPLE COLLECTION TIME: 1120

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

Back 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 #: _____ Logged? Y or N

Aliquot #1: Latitude: Dark B 33.55182514 N Longitude 86.80172098 W

Media description: Dark Brown/Black silty clay w/ Rock + white bebris

Aliquot #2: Latitude: 33.55182206 N Longitude 86.80163166 W

Media description: Brownish orange silty clay w/ Rocks

Aliquot #3: Latitude: 33.55175064 N Longitude 86.80171349 W

Media description: Dark Brown/Black silty clay w/ Rocks

Aliquot #4: Latitude: 33.55163185 N Longitude 86.80164982 W

Media description: same as #3

Aliquot #5: Latitude: 33.55164642 N Longitude 86.80174112 W

Media description: same as #3

(b) (6)

ADDRESS:

PROPERTY ID: CV1224

DATE: 4-25-13

ARRIVAL TIME: 1258

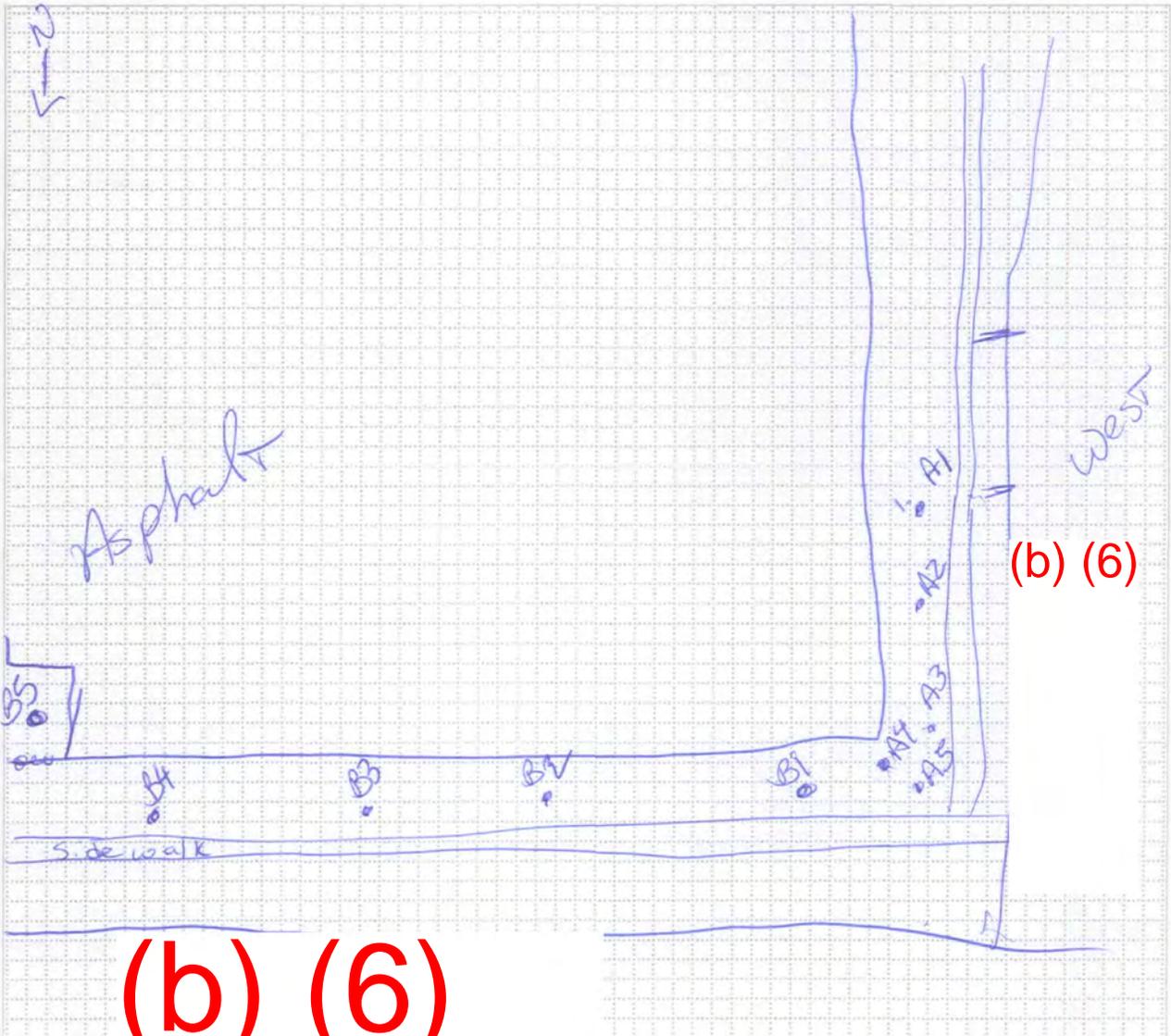
Other pertinent information (weather conditions, etc.):

Sunny

PROPERTY COMMENTS:

Church Parking Lot

Grid for property sketch



(b) (6)

STATION ID: CV1224 SAMPLE ID: CV1224A-CS

SAMPLE COLLECTION TIME: 1315

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

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

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

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>020168 / with Beacon</u> Logged? <input checked="" type="checkbox"/> or N			
Aliquot #1:	Latitude: <u>33.55175719</u>	N Longitude <u>86.80222290</u>	W
	Media description: <u>Dark Brown Silty Clay w/ Gravel + Coal Frag.</u>		
Aliquot #2:	Latitude: <u>33.55178427</u>	N Longitude <u>86.80223574</u>	W
	Media description: <u>Same as #1</u>		
Aliquot #3:	Latitude: <u>33.55185608</u> <u>Brown Silty</u>	N Longitude <u>86.80224411</u>	W
	Media description: <u>Brown Silty Clay w/ Gravel</u>		
Aliquot #4:	Latitude: <u>33.55192065</u>	N Longitude <u>86.80219892</u>	W
	Media description: <u>Same as #1</u>		
Aliquot #5:	Latitude: <u>33.55194969</u>	N Longitude <u>86.80221656</u>	W
	Media description: <u>Same as #1</u>		

STATION ID: CV1224 SAMPLE ID: CV1224B-CS

SAMPLE COLLECTION TIME: 1325

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

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

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

GPS Coordinates: Trimble <input type="checkbox"/> Instrument #: _____ Logged? Y or N			
Aliquot #1:	Latitude: <u>33.55195883</u>	N Longitude <u>86.80217190</u>	W
	Media description: <u>Brown Silty Clay w/ Gravel + Coal Fragments.</u>		
Aliquot #2:	Latitude: <u>33.55194615</u>	N Longitude <u>86.80211346</u>	W
	Media description: <u>Same as #1</u>		
Aliquot #3:	Latitude: <u>33.55194783</u>	N Longitude <u>86.80263629</u>	W
	Media description: <u>same as #1</u>		
Aliquot #4:	Latitude: <u>33.55194234</u>	N Longitude <u>86.80197332</u>	W
	Media description: <u>same as #1</u>		
Aliquot #5:	Latitude: <u>33.55191365</u>	N Longitude <u>86.80196066</u>	W
	Media description: <u>same as #1</u>		

ADDRESS: (b) (6)

PROPERTY ID: CV1144

DATE: 4-25-13

ARRIVAL TIME:

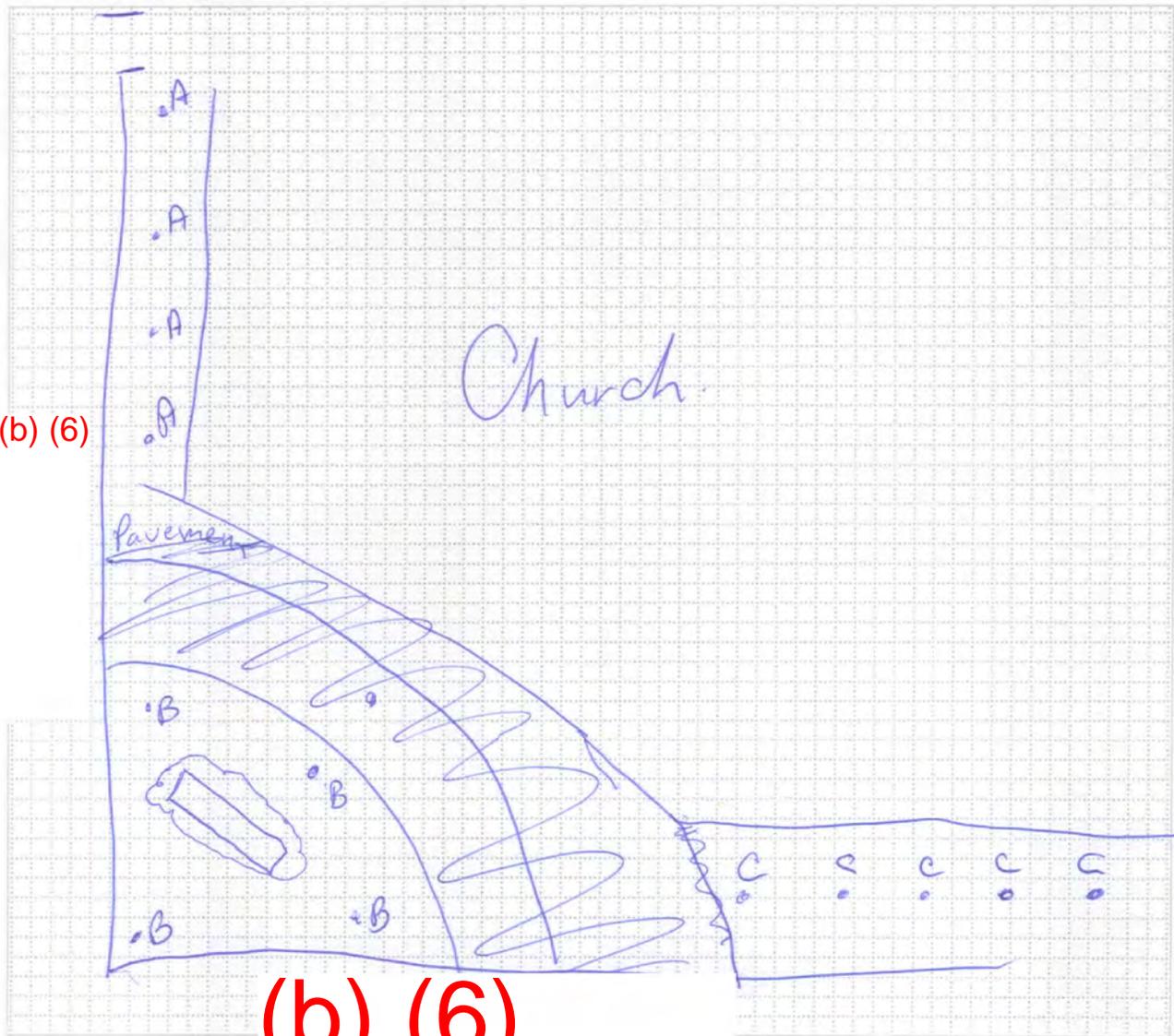
Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

New Bethel Baptist Church.

Most of the lot is taken up by the Church.

Grid for property sketch



STATION ID: CV 1144 SAMPLE ID: CV 1144A

SAMPLE COLLECTION TIME: 1400

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

West side 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: _____

GPS Coordinates: Trimble [] Instrument #: <u>020168 w/ Beacon</u> Logged? Y or N			
Aliquot #1: Latitude:	<u>33.55160505</u>	N Longitude	<u>86.80223276</u> W
Media description:	<u>Brown Silty Clay w/ Gravel + Coal Frag</u>		
Aliquot #2: Latitude:	<u>33.55152844</u>	N Longitude	<u>86.80223010</u> W
Media description:	<u>Brown Silty Clay</u>		
Aliquot #3: Latitude:	<u>33.55148704</u>	N Longitude	<u>86.80223649</u> W
Media description:	<u>Same as #2</u>		
Aliquot #4: Latitude:	<u>33.55143616</u>	N Longitude	<u>86.80223507</u> W
Media description:	<u>Same as #1</u>		
Aliquot #5: Latitude:	<u>N/A</u>	N Longitude	<u>N/A</u> W
Media description:	<u>N/A</u>		

STATION ID: CV 1144 SAMPLE ID: CV 1144B

SAMPLE COLLECTION TIME: 1415

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

SW (Front flower bed.)

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 [<u>X</u>] Instrument #: <u>020168</u> Logged? <u>Y</u> or N			
Aliquot #1: Latitude:	<u>33.55136913</u>	N Longitude	<u>86.80223945</u> W
Media description:	<u>Brown Silty Clay w/ Gravel + Coal Fragments</u>		
Aliquot #2: Latitude:	<u>33.55129755</u>	N Longitude	<u>86.80223253</u> W
Media description:	<u>Same as #1</u>		
Aliquot #3: Latitude:	<u>33.55132762</u>	N Longitude	<u>86.80218537</u> W
Media description:	<u>Same as #1</u>		
Aliquot #4: Latitude:	<u>33.55131127</u>	N Longitude	<u>86.80214391</u> W
Media description:	<u>Same as #1</u>		
Aliquot #5: Latitude:	<u>N/A</u>	N Longitude	<u>N/A</u> W
Media description:	<u>N/A</u>		

ADDRESS: CV11 PROPERTY ID: CV1144

DATE: 4-25-13 ARRIVAL TIME: _____

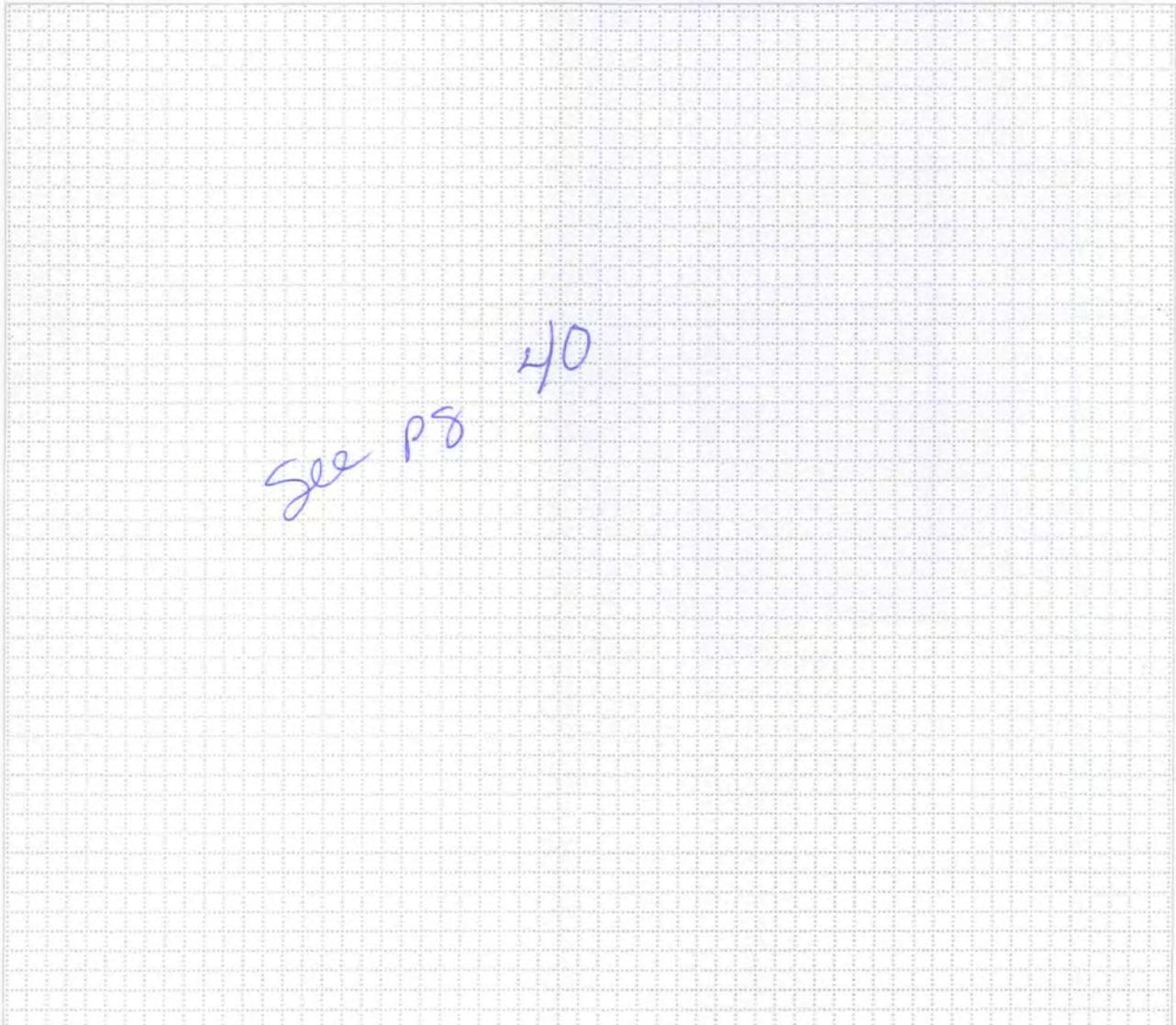
Other pertinent information (weather conditions, etc.):

Sunny

PROPERTY COMMENTS:

Church

Grid for property sketch



STATION ID: CV1144 SAMPLE ID: CV1144C-CS

SAMPLE COLLECTION TIME: 1425

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
South side 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: CV1144C-CSD

GPS Coordinates: Trimble [] Instrument #: <u>020168 w/ Beacon</u> Logged? Y or N			
Aliquot #1: Latitude: <u>33.55128417</u>	N Longitude	<u>86.80204170</u>	W
Media description: <u>Brown Silty Clay w/ Gravel + trace of coal frags.</u>			
Aliquot #2 Latitude: <u>33.55128375</u>	N Longitude	<u>86.80197409</u>	W
Media description: <u>same as #1</u>			
Aliquot #3: Latitude: <u>33.55128145</u>	N Longitude	<u>86.80190897</u>	W
Media description: <u>same as #1</u>			
Aliquot #4: Latitude: <u>33.55128413</u>	N Longitude	<u>86.80183689</u>	W
Media description: <u>same as #1</u>			
Aliquot #5: Latitude: <u>33.55128406</u>	N Longitude	<u>86.80176508</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: CV-1146 PROPERTY ID: CV1146

DATE: 4-25-13 ARRIVAL TIME: _____

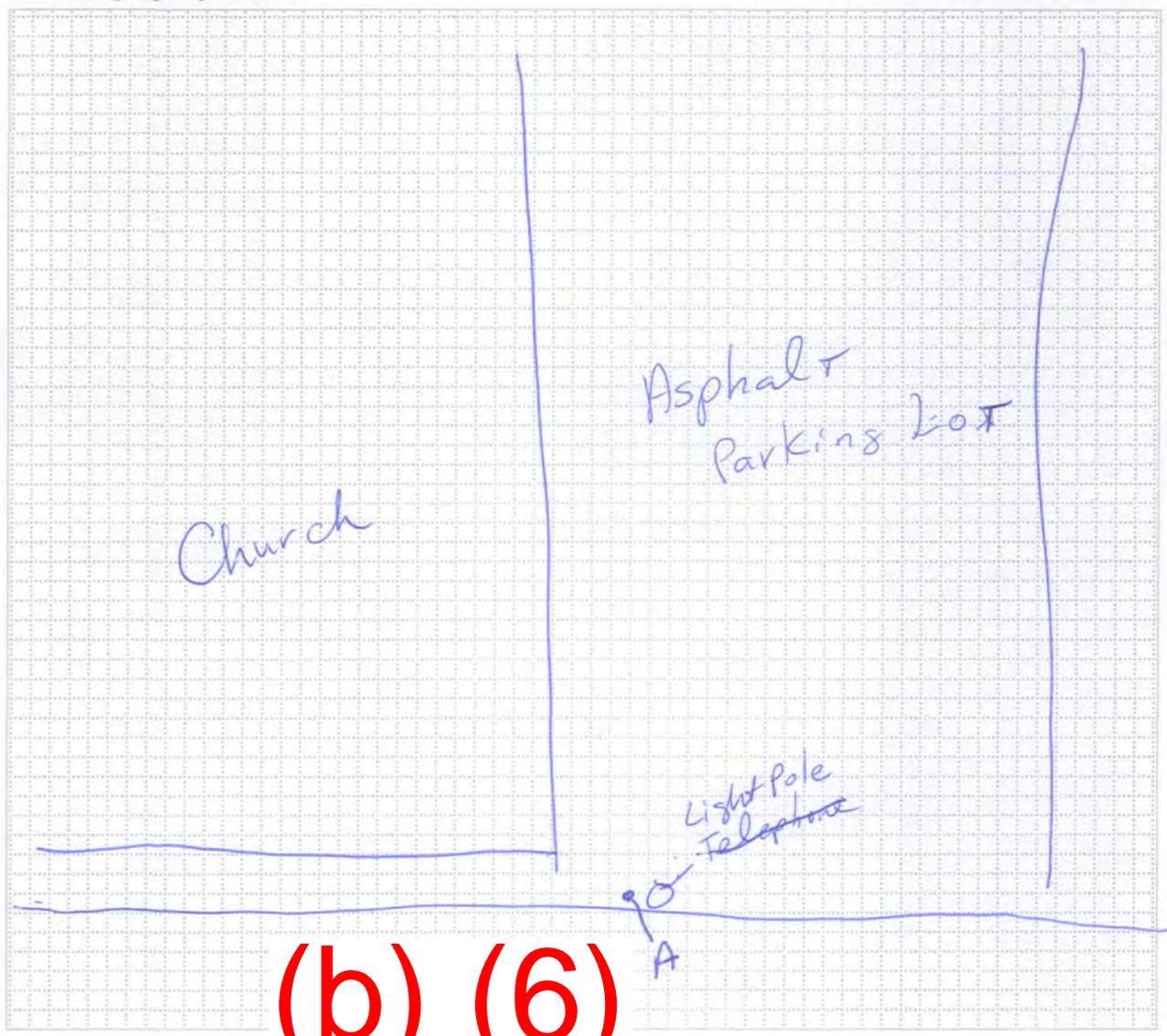
Other pertinent information (weather conditions, etc.):

Sunny

PROPERTY COMMENTS:

East side parking lot for
new Bethel Baptist Church. Grab only.
No other areas available to sample.

Grid for property sketch



(b) (6)

STATION ID: CV1146 SAMPLE ID: CV1146A

SAMPLE COLLECTION TIME: 1410

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

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>33.55128779</u> N Longitude <u>86.80168811</u> W Media description: <u>Brown silty clay over gray gravel, over Reddish Brown clay</u>
Aliquot #2: Latitude: <u>NA</u> N Longitude _____ W Media description: _____
Aliquot #3: Latitude: _____ N Longitude _____ W Media description: _____
Aliquot #4: Latitude: _____ N Longitude _____ W Media description: _____
Aliquot #5: Latitude: _____ N Longitude _____ W Media description: _____

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

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

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

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

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

STATION ID: CV114Z SAMPLE ID: CV114ZA-CS

SAMPLE COLLECTION TIME: 0848

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: CV114ZA-CS-D

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>]	Instrument #:	<u>020168</u>	Logged?	Y or N
Aliquot #1:	Latitude:	<u>33.55115065</u>	N Longitude	<u>86.80209663</u>	W
	Media description:	<u>light Brown silty clay w/ gravel</u>			
Aliquot #2:	Latitude:	<u>33.55114267</u>	N Longitude	<u>86.80221640</u>	W
	Media description:				
Aliquot #3:	Latitude:	<u>33.55108455</u>	N Longitude	<u>86.80217051</u>	W
	Media description:				
Aliquot #4:	Latitude:	<u>33.55107587</u>	N Longitude	<u>86.80209689</u>	W
	Media description:				
Aliquot #5:	Latitude:	<u>33.55104786</u>	N Longitude	<u>86.80223515</u>	W
	Media description:				

STATION ID: CV114Z SAMPLE ID: CV1142B-CS

SAMPLE COLLECTION TIME: 0851

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: _____

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>]	Instrument #:	<u>020168</u>	Logged?	Y or N
Aliquot #1:	Latitude:	<u>33.55100160</u>	N Longitude	<u>86.80210394</u>	W
	Media description:	<u>Reddish Brown silty clay</u>			
Aliquot #2:	Latitude:	<u>33.55101447</u>	N Longitude	<u>86.80224165</u>	W
	Media description:	<u>SAME B1</u>			
Aliquot #3:	Latitude:	<u>33.55092953</u>	N Longitude	<u>86.80218482</u>	W
	Media description:	<u>SAME B1 + gravel</u>			
Aliquot #4:	Latitude:	<u>33.55087171</u>	N Longitude	<u>86.80211812</u>	W
	Media description:	<u>SAME B1</u>			
Aliquot #5:	Latitude:	<u>33.55086352</u>	N Longitude	<u>86.8022262</u>	W
	Media description:	<u>SAME B1 + gravel</u>			

(b) (6)

ADDRESS:

PROPERTY ID:

CV 1143

DATE:

4/26/13

ARRIVAL TIME:

0840

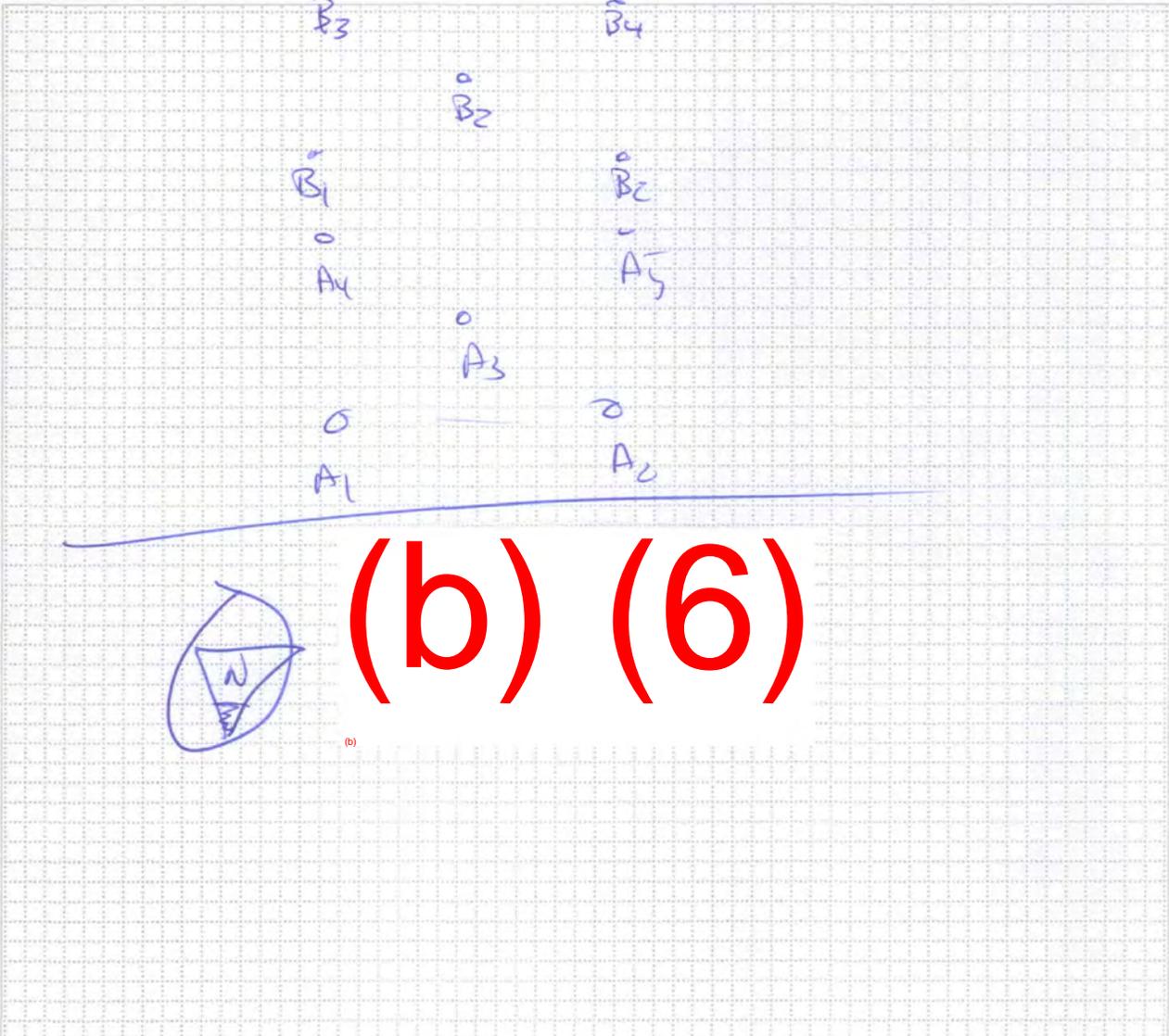
Other pertinent information (weather conditions, etc.):

60° sunny

PROPERTY COMMENTS:

Empty Parcel

Grid for property sketch



(b) (6)

STATION ID: CV1143 SAMPLE ID: CV1143A-CS

SAMPLE COLLECTION TIME: 855

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: _____

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #: <u>020168</u>	Logged? Y or N
Aliquot #1: Latitude: <u>33.55114506</u>	N Longitude: <u>86.80194927</u>	W
Media description: <u>Dark Brown to Black w/ gravel & coal frag</u>		
Aliquot #2: Latitude: <u>33.55114907</u>	N Longitude: <u>86.80204364</u>	W
Media description: <u>Brown silty clay</u>		
Aliquot #3: Latitude: <u>33.55109384</u>	N Longitude: <u>86.80199746</u>	W
Media description: <u>SAME A1</u>		
Aliquot #4: Latitude: <u>33.55104601</u>	N Longitude: <u>86.80195316</u>	W
Media description: <u>SAME A1</u>		
Aliquot #5: Latitude: <u>33.55104814</u>	N Longitude: <u>86.80204638</u>	W
Media description: <u>SAME A1</u>		

STATION ID: CV1143 SAMPLE ID: CV1143B-CS

SAMPLE COLLECTION TIME: 0905

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: _____

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #: <u>020168</u>	Logged? Y or N
Aliquot #1: Latitude: <u>33.55099447</u>	N Longitude: <u>86.8020527</u>	W
Media description: <u>Dark Brown silty clay gravel & coal fragments</u>		
Aliquot #2: Latitude: <u>33.55098625</u>	N Longitude: <u>86.80195132</u>	W
Media description: <u>SAME B1</u>		
Aliquot #3: Latitude: <u>33.55093181</u>	N Longitude: <u>86.80199830</u>	W
Media description: <u>SAME B1</u>		
Aliquot #4: Latitude: <u>33.55086203</u>	N Longitude: <u>86.80196946</u>	W
Media description: <u>SAME B1</u>		
Aliquot #5: Latitude: <u>33.55086933</u>	N Longitude: <u>86.80205859</u>	W
Media description: <u>SAME B1</u>		

(b) (6)

ADDRESS: _____

PROPERTY ID: CV1145

DATE: 4/26/13

ARRIVAL TIME: 0840

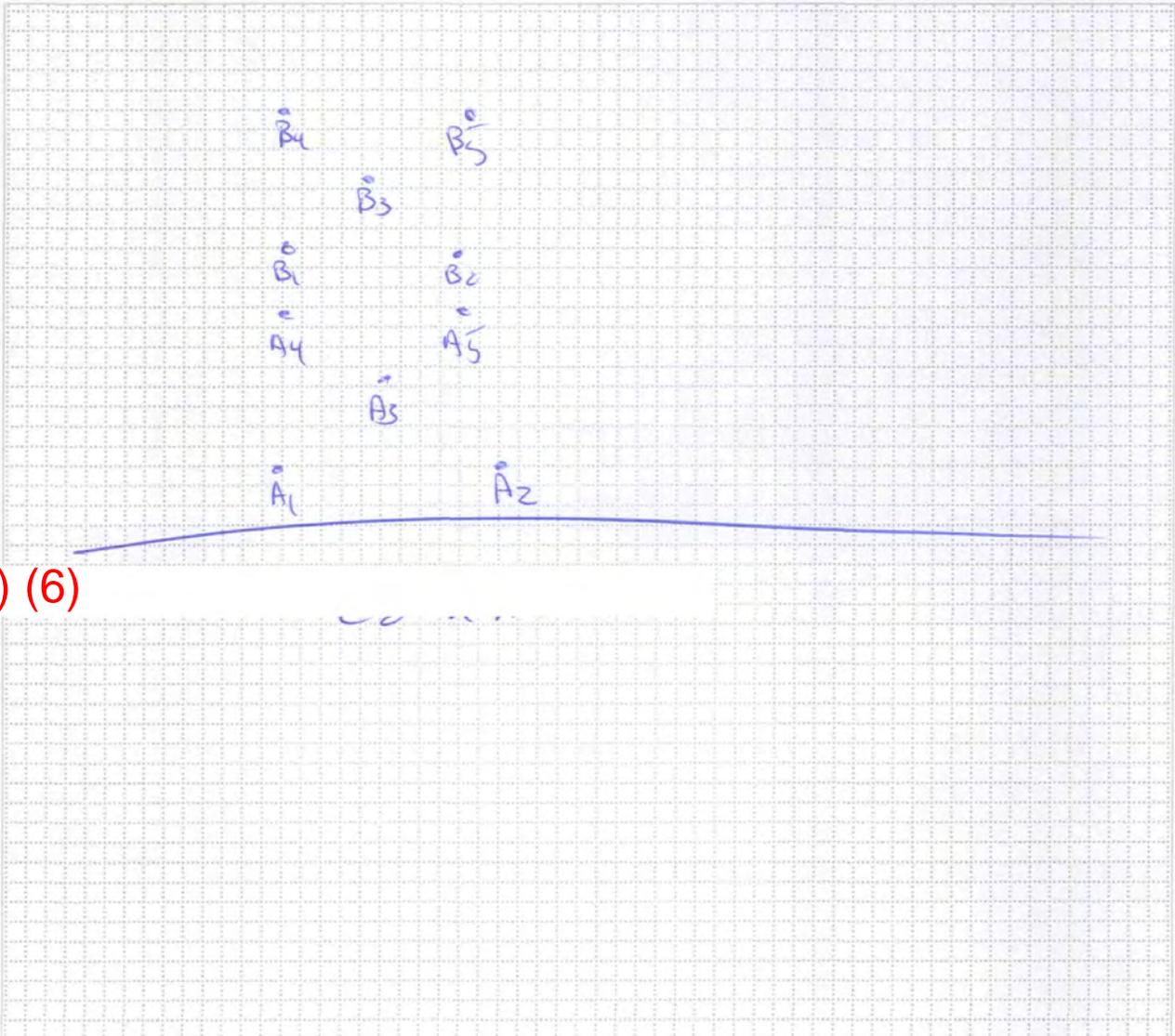
Other pertinent information (weather conditions, etc.):

60° sunny

PROPERTY COMMENTS:

Empty Parcel

Grid for property sketch



(b) (6)

STATION ID: CV1145 SAMPLE ID: CV1145A-CS

SAMPLE COLLECTION TIME: 0910

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: _____

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55113122</u> N Longitude: <u>86.80190894</u> W
Media description: <u>Reddish orange clay w/ gravel</u>
Aliquot #2: Latitude: <u>33.55112028</u> N Longitude: <u>86.80188315</u> W
Media description: <u>Same A1</u>
Aliquot #3: Latitude: <u>33.55108226</u> N Longitude: <u>86.80184422</u> W
Media description: <u>Same A1</u>
Aliquot #4: Latitude: <u>33.55102472</u> N Longitude: <u>86.80181444</u> W
Media description: <u>Same A1</u>
Aliquot #5: Latitude: <u>33.55103634</u> N Longitude: <u>86.80185</u> W
Media description: <u>Same A1</u>

STATION ID: CV1145 SAMPLE ID: CV1145B-CS

SAMPLE COLLECTION TIME: ~~1144~~ 910 AM

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: _____

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>020168</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55097326</u> N Longitude: <u>86.80181620</u> W
Media description: <u>Orange clay</u>
Aliquot #2: Latitude: <u>33.55098081</u> N Longitude: <u>86.80188644</u> W
Media description: <u>Dark brown sandy cl</u>
Aliquot #3: Latitude: <u>33.55091764</u> N Longitude: <u>86.80186537</u> W
Media description: <u>Same B2</u>
Aliquot #4: Latitude: <u>33.55086538</u> N Longitude: <u>86.80183124</u> W
Media description: <u>Same B2</u>
Aliquot #5: Latitude: <u>33.55090137</u> N Longitude: <u>86.80180731</u> W
Media description: <u>Light brown sandy cl</u>

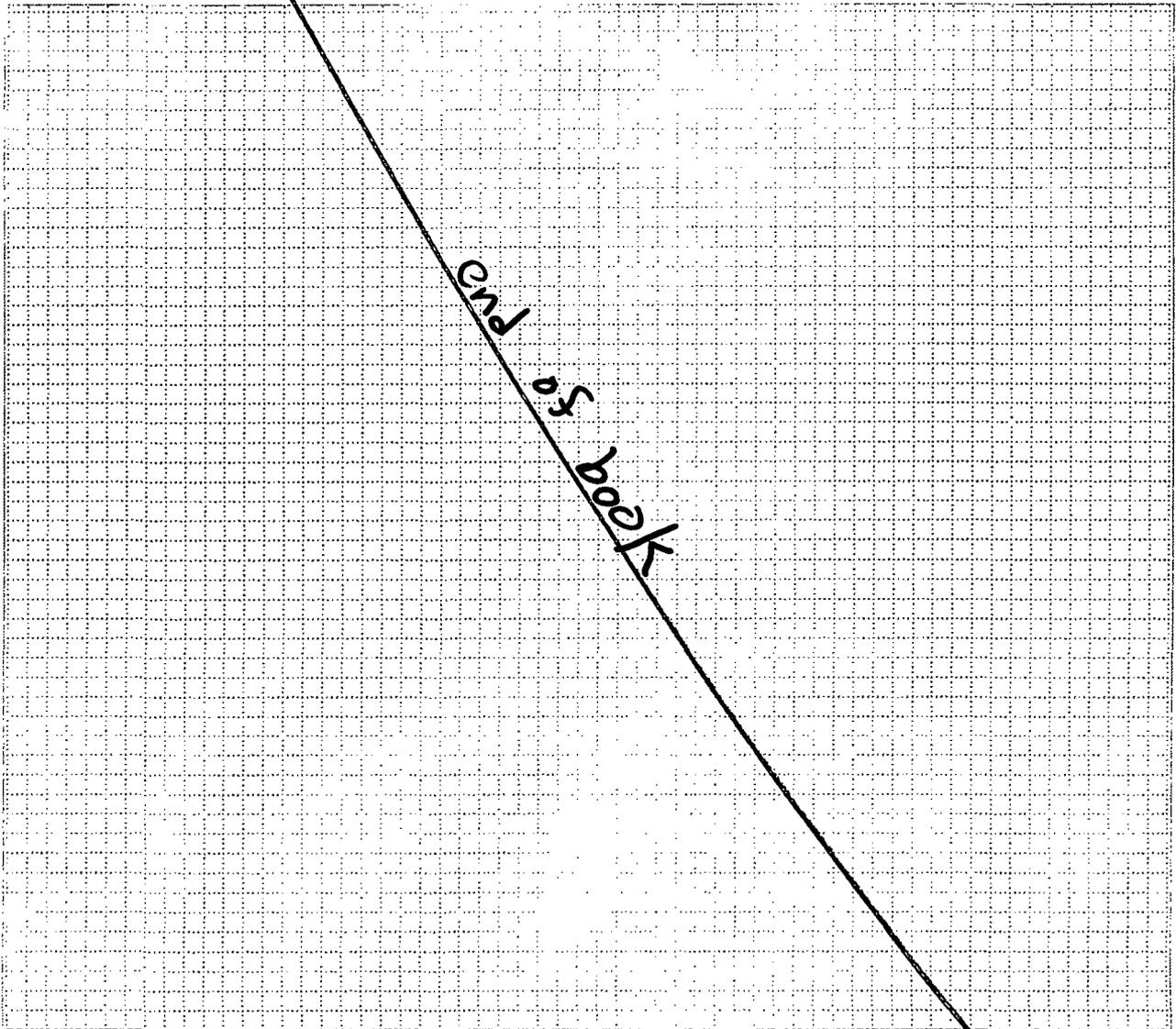
ADDRESS: _____ PROPERTY ID: _____

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.