

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: 1/15/2013 - 1/18/2013

List of Sampling Team in logbook:

Name

Initials

Organization/Duties

(b) (6)

OTIE, Team Leader

OTIE

OTIE

THIS PAGE LEFT INTENTIONALLY BLANK

Sampling Procedures and Methodology

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

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

- For residential properties with a total parcel lot size equal to or less than ($\leq$) 5,000 square feet - the front yard and back yards of each property. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may also be collected from the side yard. Aliquots will be collected away from influences with drip lines and burn areas in a five dice configuration (each of the four corners and the center).
- For residential properties with a total parcel lot size greater than ($>$) 5,000 square feet and $\leq$ $\frac{1}{4}$ -acre - the property should be divided into two roughly equal surface areas. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may be collected from the side yard with the remainder of the property being divided into two roughly equal surface areas. Aliquots will be collected away from influences including drip lines and burn areas with reasonably equal spacing between aliquots.
- Residential properties over $\frac{1}{4}$ -acre in parcel lot size will be divided into $\frac{1}{4}$ -acre sections. When dividing any such property with a substantial side yard (primarily corner lots), one composite soil sample may be collected from the side yard. Aliquots will be collected away from influences including drip lines and burn areas in a five dice configuration, if possible, with reasonably equal spacing between aliquots.

Grab surface soil samples will be collected from apparent exposure pathways where active play sets are located.

Three-point composite surface soil samples will be collected from distinct vegetable gardens from each residential property.

Samples shall not be collected under paved areas or under stationary fixed structures.

Grab sediment samples will be collected in accordance with EPA SED FBSTP Sediment Sampling (SESDPROC-200-R2) from any surface water drainage pathways located on individual properties, as directed by the OSC, and in and along the banks of the 34th Street North Ditch.

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

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

THIS PAGE LEFT INTENTIONALLY BLANK

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.

ADDRESS (b) (6)

PROPERTY ID: CV00888

DATE: 1/15/2013

ARRIVAL TIME: _____

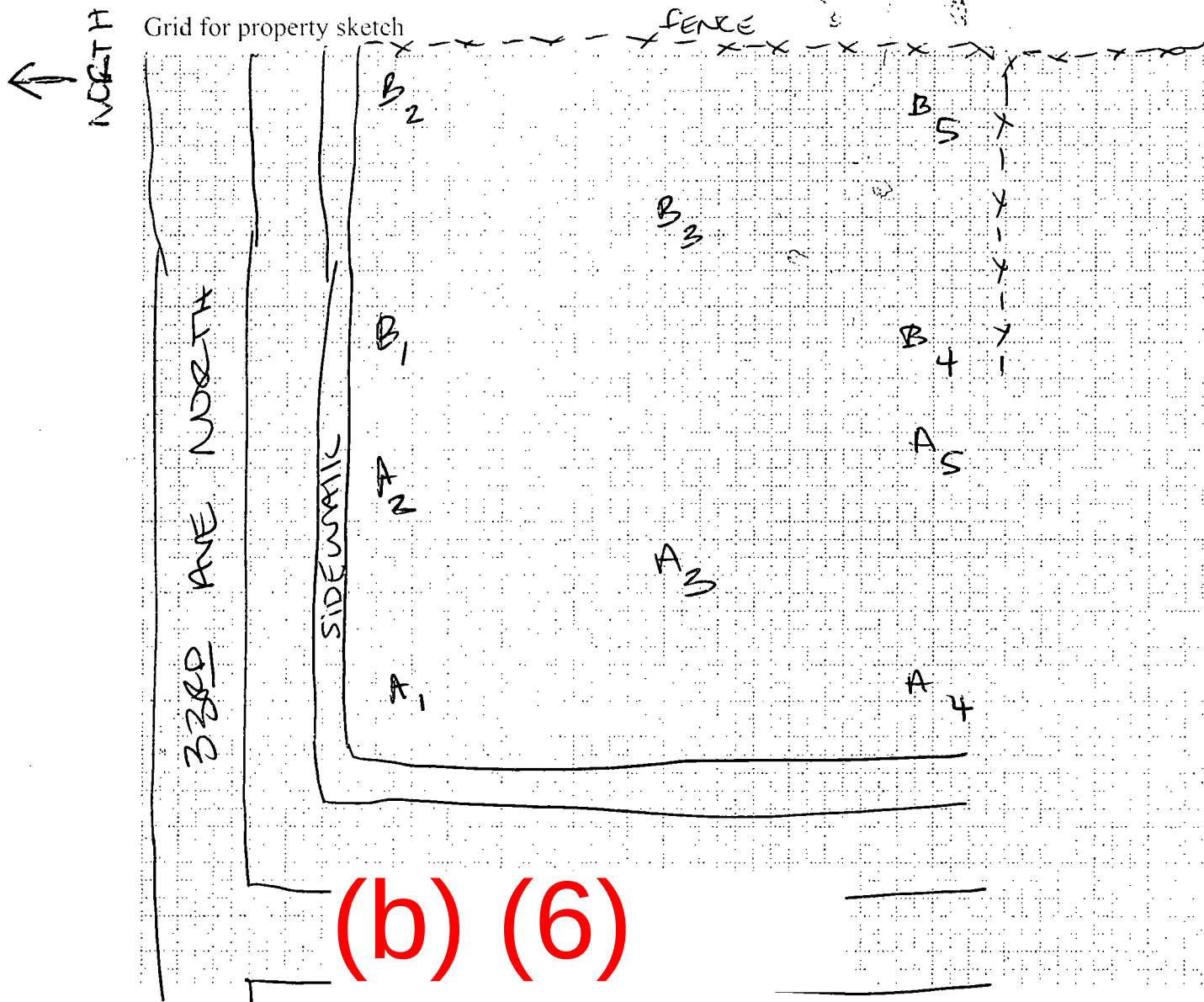
Other pertinent information (weather conditions, etc.):

40°F, RAINY, CLOUDY, STANDING WATER

PROPERTY COMMENTS:

EMPTY PARCE (NO ON-SITE STRUCTURE)

Grid for property sketch



(b) (6)

STATION ID: C V0088ASAMPLE ID: CV0088A-CSSAMPLE COLLECTION TIME: 0907

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

FRONTCollection: Composite or GrabMS/MSD? Y or NField 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: 33.5554412 N Longitude: 86.80260371 WMedia description: VERY WET DARK BROWN SILT WITH CORAL FRAGMENTAliquot #2 Latitude: 33.55543581 N Longitude: 86.80348349 WMedia description: SAME AS #1Aliquot #3: Latitude: 33.55537411 N Longitude: 86.80348633 WMedia description: WET DARK BROWN SILTAliquot #4: Latitude: 33.55535638 N Longitude: 86.80360531 WMedia description: SAME AS #3Aliquot #5: Latitude: 33.55524888 N Longitude: 86.80348115 WMedia description: SAME AS #1STATION ID: CV0088BSAMPLE ID: CV0088B-CSSAMPLE COLLECTION TIME: 0859

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

BACKCollection: Composite or GrabMS/MSD? Y or NField 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: 33.55542740 N Longitude: 86.80340546 WMedia description: VERY WET DARK BROWN SILTAliquot #2 Latitude: 33.55542195 N Longitude: 86.80326071 WMedia description: SAME AS #1Aliquot #3: Latitude: 33.55538263 N Longitude: 86.8033217 WMedia description: SAME AS #1Aliquot #4: Latitude: 33.55535250 N Longitude: 86.80341184 WMedia description: SAME AS #1Aliquot #5: Latitude: 33.55533798 N Longitude: 86.80325831 WMedia description: SAME AS #1

(b) (6)

ADDRESS

PROPERTY ID: CV0092

DATE: ~~1/5/2013~~ 1/10/2013 ARRIVAL TIME: ~~10:15~~

Other pertinent information (weather conditions, etc.):

40°F, CLOUDY WITH MISTY-RAIN

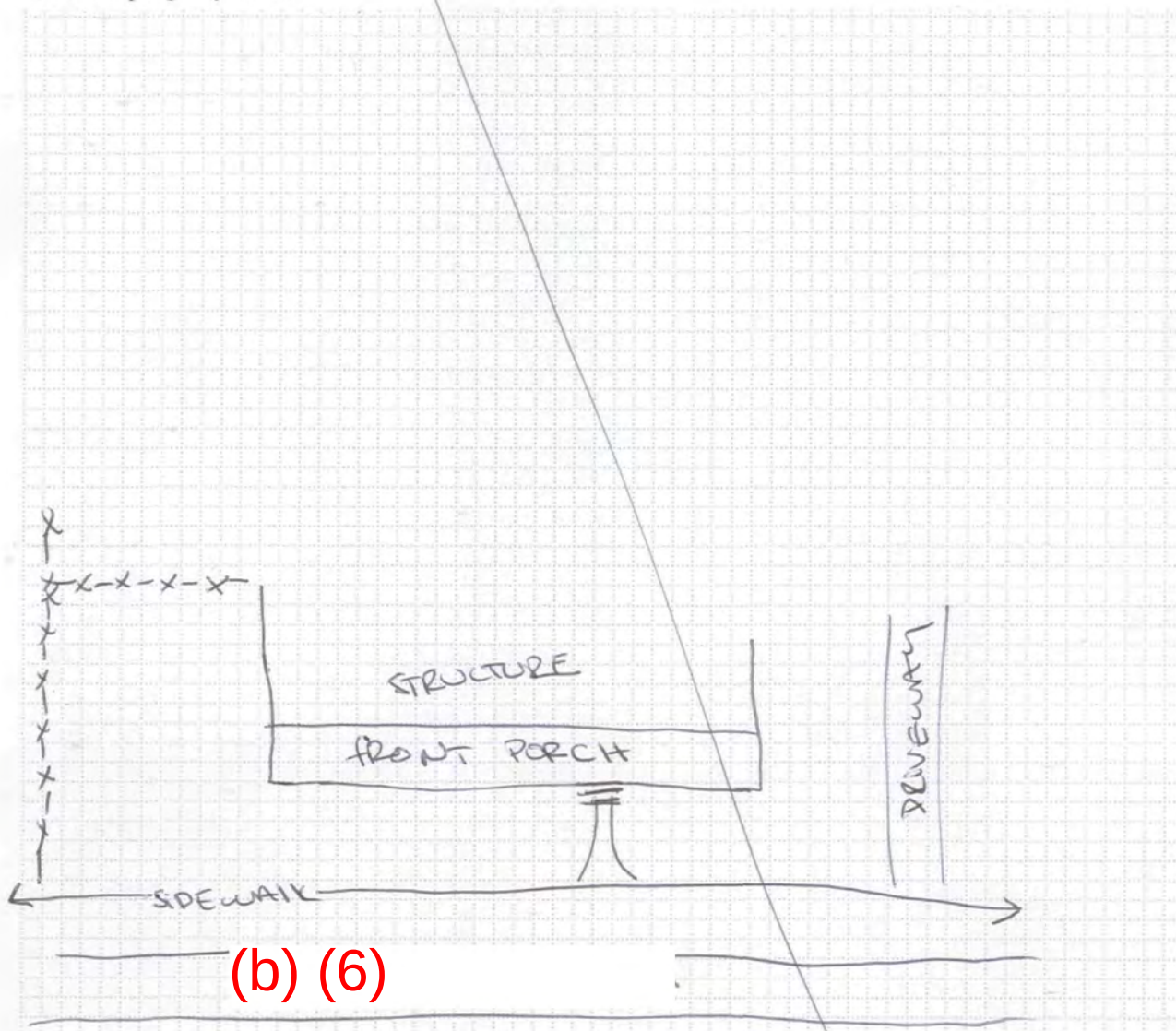
PROPERTY COMMENTS:

BRICK STRUCTURE ON-SITE, GATE

SURROUNDING BACK YARD-LOCKED. CALLED PHONE

NUMBER PROVIDED BUT WAS NOT A WORKING
NUMBER.

Grid for property sketch



STATION ID: CV0092SAMPLE ID: CV0092A

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: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

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

Collection: Composite or Grab

MS/MSD? Y or N

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

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

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

ADDRESS: (b) (6)

PROPERTY ID: CW0148

DATE: 1/15/2013

ARRIVAL TIME: 0928

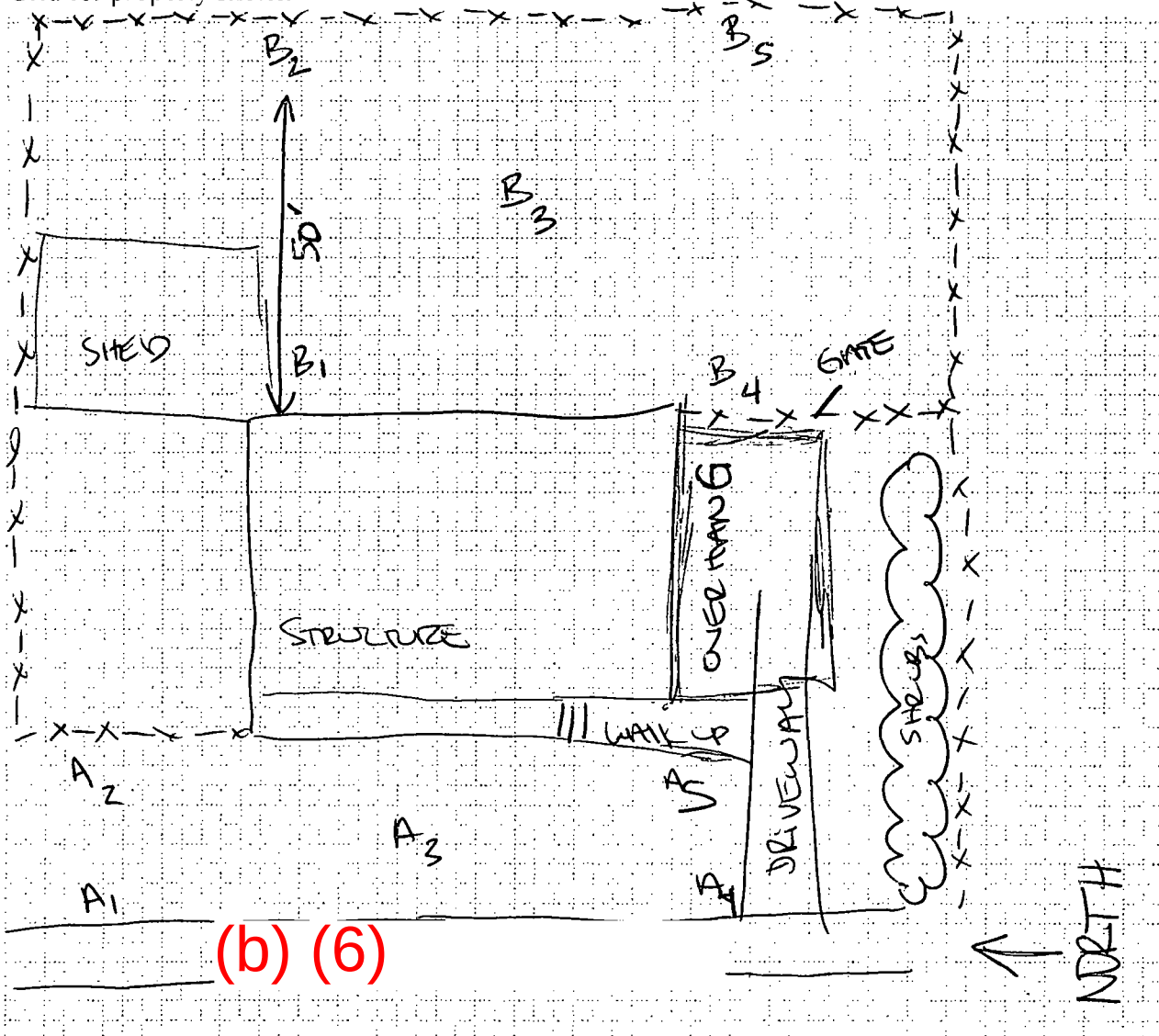
Other pertinent information (weather conditions, etc.):

40°F, CLOUDY WITH ON AND OFF RAIN

PROPERTY COMMENTS:

GATE WAS ^{CLOSED} LOCKED BUT STAFFS WERE ABLE TO
UNLOCK THE GATE.

Grid for property sketch



STATION ID: CVO148ASAMPLE ID: CVO148-CSSAMPLE COLLECTION TIME: 1000

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

FRONT YARDCollection: Composite or GrabMS/MSD? Y or NField 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: 33.55903240 N Longitude: 86.80576008 WMedia description: BROWN SILTY CLAYAliquot #2: Latitude: 33.55903674 N Longitude: 86.80574791 WMedia description: BROWN SILTY CLAY WITH COAL FRAGMENTSAliquot #3: Latitude: 33.55898758 N Longitude: 86.80576047 WMedia description: SAME AS #1Aliquot #4: Latitude: 33.55894905 N Longitude: 86.80576374 WMedia description: SAME AS #2Aliquot #5: Latitude: 33.55896103 N Longitude: 86.80573979 WMedia description: SAME AS #1STATION ID: CVO148BSAMPLE ID: CVO148B-CSSAMPLE COLLECTION TIME: 1019

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

BACK YARDCollection: Composite or GrabMS/MSD? Y or NField 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: 33.55898805 N Longitude: 86.80555715 WMedia description: WET SILTY CLAY WITH GRAVEL FRAGMENTSAliquot #2: Latitude: 33.55901205 N Longitude: 86.80540995 WMedia description: ~~BROWN~~ SAME AS #1Aliquot #3: Latitude: 33.55895433 N Longitude: 86.80549204 WMedia description: SAME AS #1Aliquot #4: Latitude: 33.55894095 N Longitude: 86.80556384 WMedia description: SAME AS #1Aliquot #5: Latitude: 33.55893111 N Longitude: 86.80540964 WMedia description: SAME AS #1

ADDRESS: (b) (6)

PROPERTY ID: CV0198

DATE: 1/15/2013

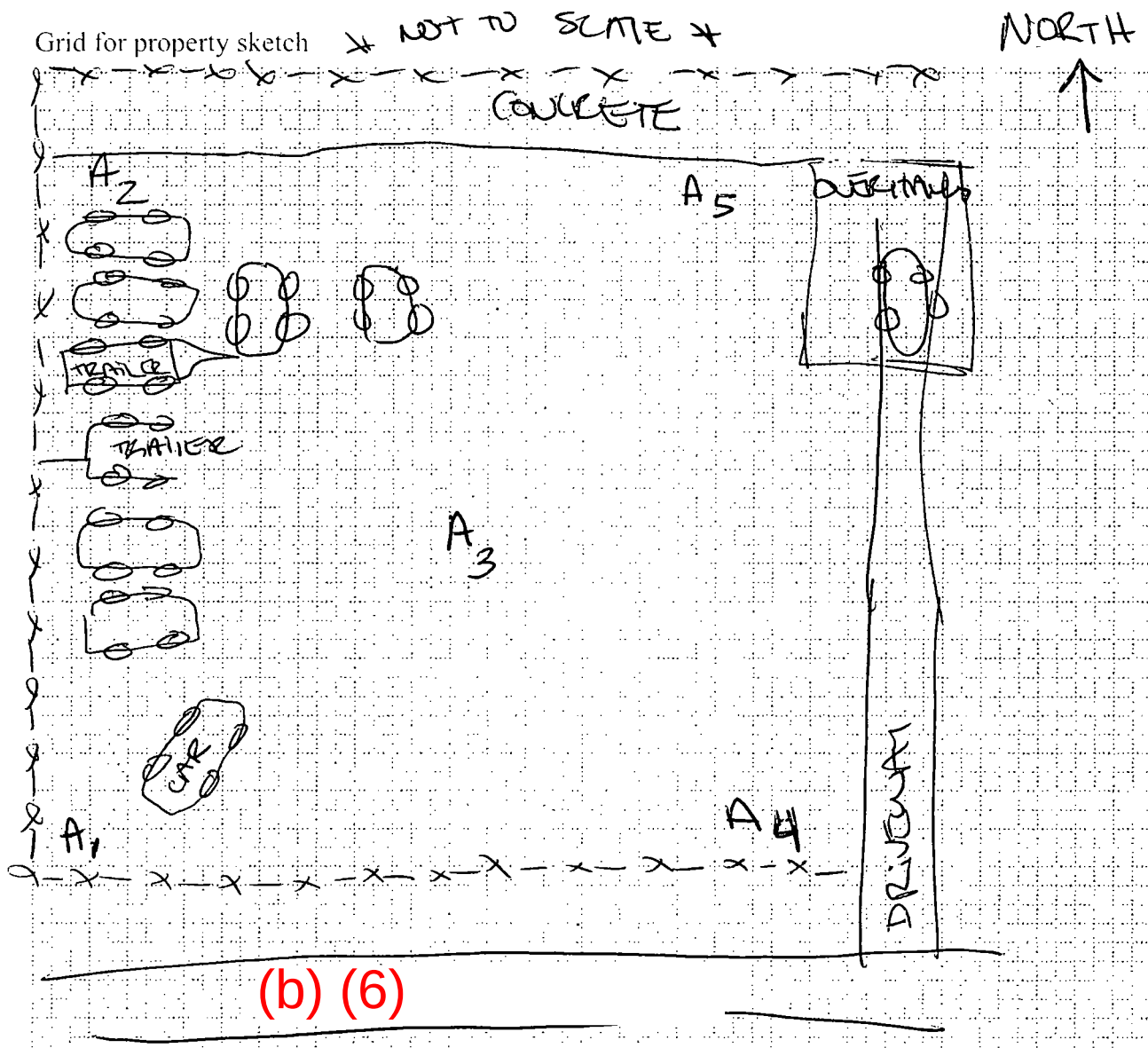
ARRIVAL TIME: 1040

Other pertinent information (weather conditions, etc.):

38°F CLOUDY WITH RAIN SHOWERS

PROPERTY COMMENTS:

PARKING LOT AREA - NO ON-SITE STRUCTURE



STATION ID: CW198ASAMPLE ID: CV0198A-CSSAMPLE COLLECTION TIME: 1108

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

ONLY ONE SAMPLECollection: Composite or GrabMS/MSD? Y or NField 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: 33.55452257 N Longitude 86.79774468 WMedia description: LIGHT BROWN SILTY CLAYAliquot #2: Latitude: 33.55471169 N Longitude 86.79773948 WMedia description: REDISH-BROWN WET CLAY MEDIUM TO COARSEAliquot #3: Latitude: 33.55457152 N Longitude 86.79765604 WMedia description: SAME AS #5Aliquot #4: Latitude: 33.55451471 N Longitude 86.79759026 WMedia description: BROWN WET SILTY CLAYAliquot #5: Latitude: 33.55469761 N Longitude 86.79764326 WMedia description: BLACK SILTY CLAY WITH COAL FRAGMENTS

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

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

Collection: Composite or Grab

MS/MSD? Y or N

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

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

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

ADDRESS (b) (6)

PROPERTY ID: CV0199

DATE: 1/15/2013

ARRIVAL TIME: 1120

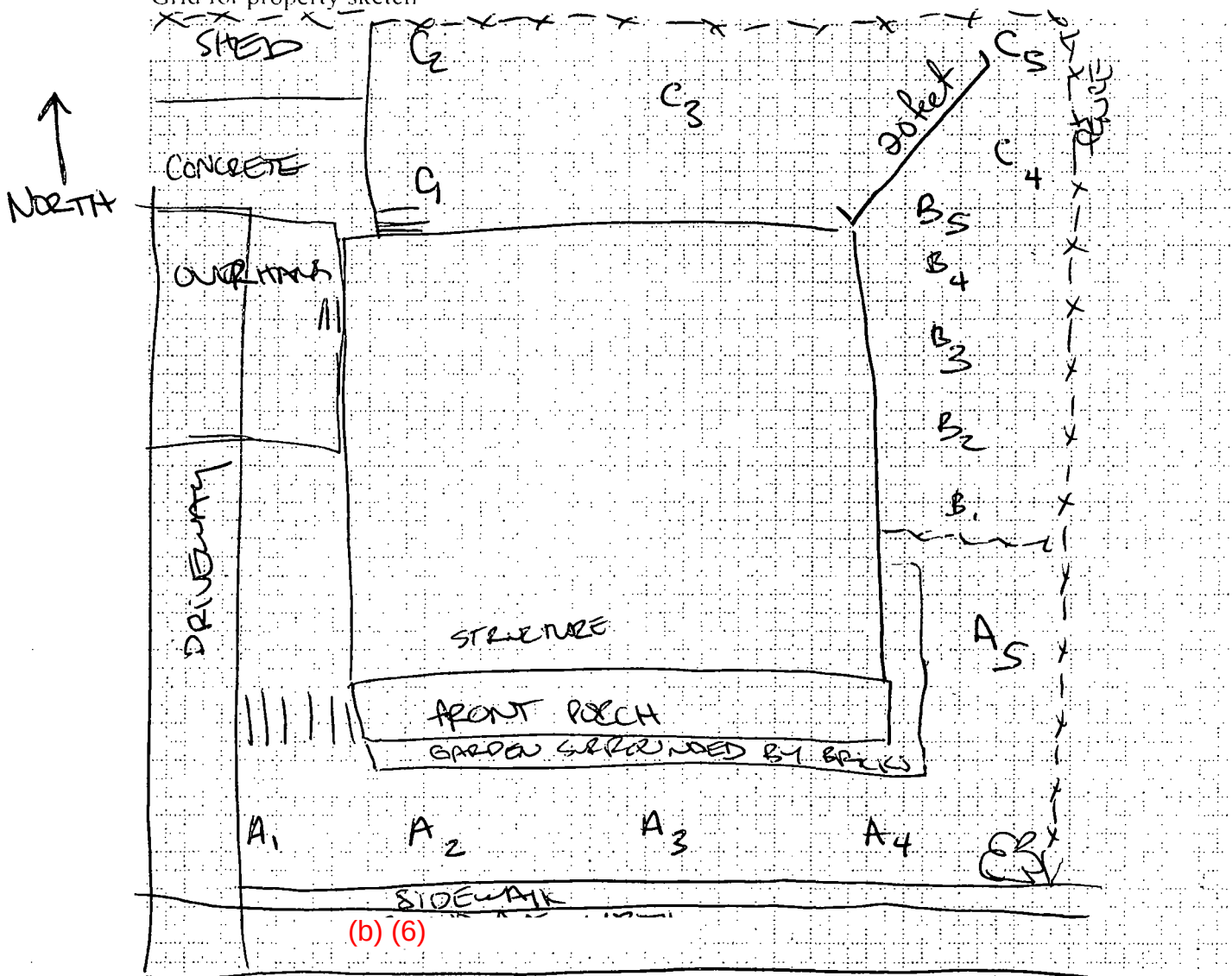
Other pertinent information (weather conditions, etc.):

59°F CLOUDY WITH RAIN SHOWERS

PROPERTY COMMENTS:

ACCURACY OF BB UNIT IS LOW FOR SOME
POINTS. POINT B₄ WAS UNAVAILABLE.

Grid for property sketch



STATION ID: CVO199ASAMPLE ID: CVO199A-CSSAMPLE COLLECTION TIME: 1145

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

FRONT YARDCollection: Composite or GrabMS/MSD? Y or NField 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: 33.55449906 N Longitude: 86.79753650 WMedia description: DARK BROWN SILT WITH COAL FRAGMENTSAliquot #2: Latitude: 33.55449262 N Longitude: 86.79752225 WMedia description: BROWN SILTY WET CLAYAliquot #3: Latitude: 33.55449632 N Longitude: 86.79749580 WMedia description: SAME AS #2Aliquot #4: Latitude: 33.55448749 N Longitude: 86.79747655 WMedia description: SAME AS #2Aliquot #5: Latitude: 33.55451420 N Longitude: 86.79745464 WMedia description: SAME AS #2STATION ID: CVO199BSAMPLE ID: CVO199B-CSSAMPLE COLLECTION TIME: 1134

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

SIDE YARDCollection: Composite or GrabMS/MSD? Y or NField 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: 33.55455400 N Longitude: 86.797745037 WMedia description: BROWN SILTY CLAY WITH GRAVEL M to GAliquot #2: Latitude: 33.55458393 N Longitude: 86.797744995 WMedia description: SAME AS #1Aliquot #3: Latitude: 33.55461550 N Longitude: 86.797745091 WMedia description: SAME AS #1

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

Media description: SAME AS #1Aliquot #5: Latitude: 33.55471982 N Longitude: 86.797746221 WMedia description: SAME AS #1

ADDRESS: (b) (6)

PROPERTY ID: CVO199

DATE: 1/15/2013

ARRIVAL TIME: 1120

Other pertinent information (weather conditions, etc.):

SEE PAGE 14

PROPERTY COMMENTS:

SEE PAGE 14

Grid for property sketch

SEE PAGE 14

STATION ID: CV0199CSAMPLE ID: CV0199C-CSSAMPLE COLLECTION TIME: 1137

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

BACK YARDCollection: Composite or GrabMS/MSD? Y or NField 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: 33.55474232 N Longitude: 86.79752009 WMedia description: LIGHT BROWN TO SILT CLAY WITH GRAVEL M TO CAliquot #2: Latitude: 33.55480526 N Longitude: 86.79746772 WMedia description: SAME AS #1 DARK BROWN WET SILT WITH COALAliquot #3: Latitude: 33.55478932 N Longitude: 86.79747032 WMedia description: SAME AS #1Aliquot #4: Latitude: 33.55475382 N Longitude: 86.79745003 WMedia description: SAME AS #1Aliquot #5: Latitude: 33.55480104 N Longitude: 86.79745129 WMedia description: SAME AS #1

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

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

Collection: Composite or Grab

MS/MSD? Y or N

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

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

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

Media description: _____

Aliquot #2: Latitude: _____ N Longitude: _____ W

Media description: _____

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

Media description: _____

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

Media description: _____

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

Media description: _____

ADDRESS: **(b) (6)** PROPERTY ID: CV-0651
DATE: 1/15/2013 ARRIVAL TIME: 1400

Other pertinent information (weather conditions, etc.):

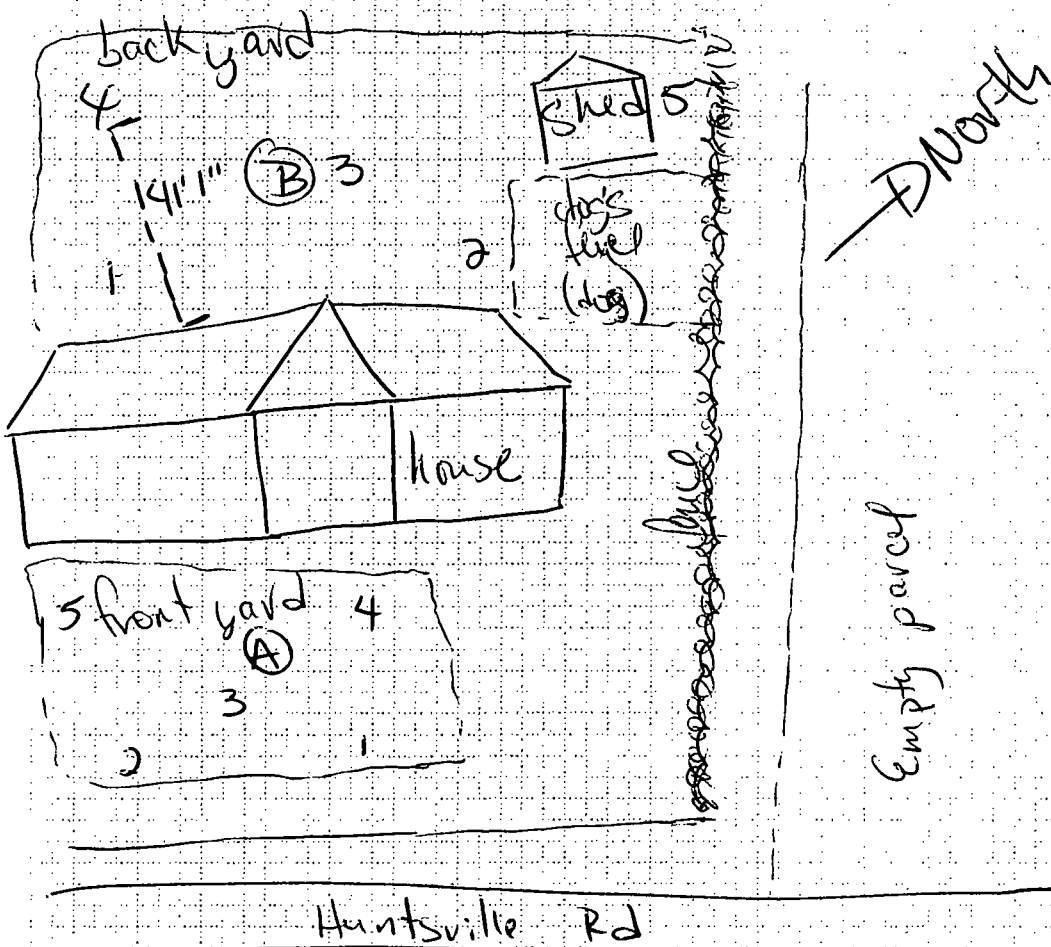
45°F ; cloudy wind: E 1 mph

PROPERTY COMMENTS:

Chained dog in backyard. No response at the door, START
will proceed to sample front yard & backyard.

Grid for property sketch

not to scale



STATION ID: CV0651ASAMPLE ID: CV0651A-CSSAMPLE COLLECTION TIME: 1428

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

front yardCollection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____GPS Coordinates: Trimble ☒ Instrument #: 018594 Logged? ☒ or NAliquot #1: Latitude: 33.55922281 N Longitude: 86.8018317 WMedia description: dark brown wet silt w. coal fragments w. reddish clayAliquot #2: Latitude: 33.55917225 N Longitude: 86.80122905 WMedia description: Same as #1Aliquot #3: Latitude: 33.55921250 N Longitude: 86.8022784 WMedia description: Same as #1Aliquot #4: Latitude: 33.55924945 N Longitude: 86.80122148 WMedia description: Same as #1Aliquot #5: Latitude: 33.55920286 N Longitude: 86.80127320 WMedia description: Same as #1STATION ID: CV0651BSAMPLE ID: CV0651B-CSSAMPLE COLLECTION TIME: 1432

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

back yardCollection: Composite or GrabMS/MSD? Y or N

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

GPS Coordinates: Trimble ☒ Instrument #: 018594 Logged? ☒ or NAliquot #1: Latitude: 33.55939901 N Longitude: 86.80140987 WMedia description: dark brown mudAliquot #2: Latitude: 33.55933892 N Longitude: 86.80145339 WMedia description: Same as #1Aliquot #3: Latitude: 33.55941634 N Longitude: 86.80147268 WMedia description: Same as #1Aliquot #4: Latitude: 33.55948744 N Longitude: 86.80144410 WMedia description: Same as #1Aliquot #5: Latitude: 33.55940233 N Longitude: 86.80154633 WMedia description: Same as #1

(b) (6)

ADDRESS: _____

PROPERTY ID: _____

CU0649

DATE: _____

11/5/13

ARRIVAL TIME: _____

1450

Other pertinent information (weather conditions, etc.):

45°F and cloudy

PROPERTY COMMENTS:

START talked to owner and proceed to samples at the backyard and front yard. old house at the backyard and takes part of empty parcel. Lots of trash and construction debris in back yard.

Grid for property sketch



STATION ID: CU0649 A SAMPLE ID: CU0649 A-ES

SAMPLE COLLECTION TIME: 1526

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 ☒	Instrument #:	<u>018594</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.55898087</u>	N Longitude	<u>86.80141810</u>	W
	Media description:	<u>reddish brown silty clay wet</u>			
Aliquot #2:	Latitude:	<u>33.55900775</u>	N Longitude	<u>86.80143447</u>	W
	Media description:	<u>dark brown wet silty clay wet</u>			
Aliquot #3:	Latitude:	<u>33.55902392</u>	N Longitude	<u>86.80139893</u>	W
	Media description:	<u>reddish brown</u>			
Aliquot #4:	Latitude:	<u>33.55900004</u>	N Longitude	<u>86.80138760</u>	W
	Media description:	<u>dark brown silt wet</u>			
Aliquot #5:	Latitude:	<u>33.55904249</u>	N Longitude	<u>86.80137525</u>	W
	Media description:	<u>reddish brown same as #1</u>			

STATION ID: CU0649 B SAMPLE ID: CU0649 B-ES

SAMPLE COLLECTION TIME: 1532

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 ☒	Instrument #:	<u>018594</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.55917606</u>	N Longitude	<u>86.80172201</u>	W
	Media description:	<u>dark brown silty clay wet</u>			
Aliquot #2:	Latitude:	<u>33.559212291</u>	N Longitude	<u>86.80175440</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #3:	Latitude:	<u>33.55924071</u>	N Longitude	<u>86.80169586</u>	W
	Media description:	<u>Same as #1</u>			
Aliquot #4:	Latitude:	<u>33.55930591</u>	N Longitude	<u>86.80167419</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #5:	Latitude:	<u>33.55928201</u>	N Longitude	<u>86.80163238</u>	W
	Media description:	<u>same #1 with paint chips and other debris</u>			

ADDRESS: (b) (6)

PROPERTY ID: CV 0654

DATE: 1/15/13

ARRIVAL TIME: 1555

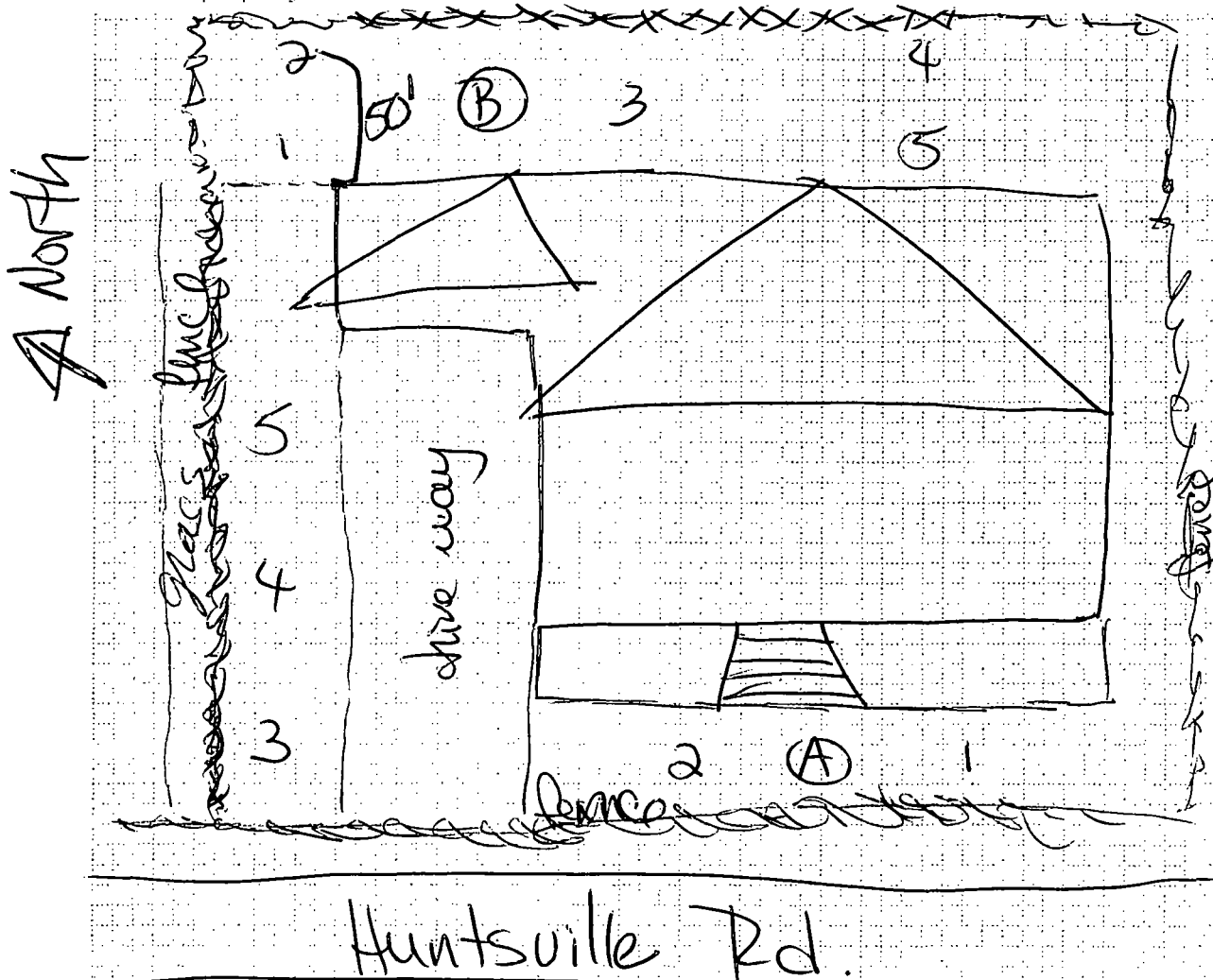
Other pertinent information (weather conditions, etc.):

44°F and cloudy

PROPERTY COMMENTS:

Property/same owner of 3620 & 3700 Huntsville Rd properties.
According to the owner this property is vacant; samples will be collected at front yard and back yard.

Grid for property sketch



STATION ID: CV0654 ASAMPLE ID: CV0654A-CSSAMPLE COLLECTION TIME: 1625

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

front yardCollection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates:	Trimble ☒	Instrument #: <u>018594</u>	Logged? <u>Y</u> or N
Aliquot #1:	Latitude: <u>33.55916278</u>	N Longitude: <u>86.8009186</u>	W
Media description: <u>dark brown silt/wet</u>			
Aliquot #2:	Latitude: <u>33.55919879</u>	N Longitude: <u>86.8095453</u>	W
Media description: <u>dark brown silt/wet</u>			
Aliquot #3:	Latitude: <u>33.55924684</u>	N Longitude: <u>86.80087211</u>	W
Media description: <u>reddish brown silty clay</u>			
Aliquot #4:	Latitude: <u>33.55919459</u>	N Longitude: <u>86.80083465</u>	W
Media description: <u>dark brown silt w/tan clay/wet</u>			
Aliquot #5:	Latitude: <u>33.55913614</u>	N Longitude: <u>86.80077342</u>	W
Media description: <u>dark brown silt/wet</u>			

STATION ID: CV0654 BSAMPLE ID: CV0654B-CSSAMPLE COLLECTION TIME: 1627

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

back yardCollection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates:	Trimble ☒	Instrument #: <u>018594</u>	Logged? <u>Y</u> or N
Aliquot #1:	Latitude: <u>33.55908091</u>	N Longitude: <u>86.80070023</u>	W
Media description: <u>dark brown mud</u>			
Aliquot #2:	Latitude: <u>33.55900747</u>	N Longitude: <u>86.80061131</u>	W
Media description: <u>same as #1</u>			
Aliquot #3:	Latitude: <u>33.55902242</u>	N Longitude: <u>86.80068566</u>	W
Media description: <u>same as #1</u>			
Aliquot #4:	Latitude: <u>33.55895604</u>	N Longitude: <u>86.80071996</u>	W
Media description: <u>same as #1</u>			
Aliquot #5:	Latitude: <u>33.55904446</u>	N Longitude: <u>86.80073957</u>	W
Media description: <u>same as #1</u>			

ADDRESS: (b) (6)

PROPERTY ID: CNO694

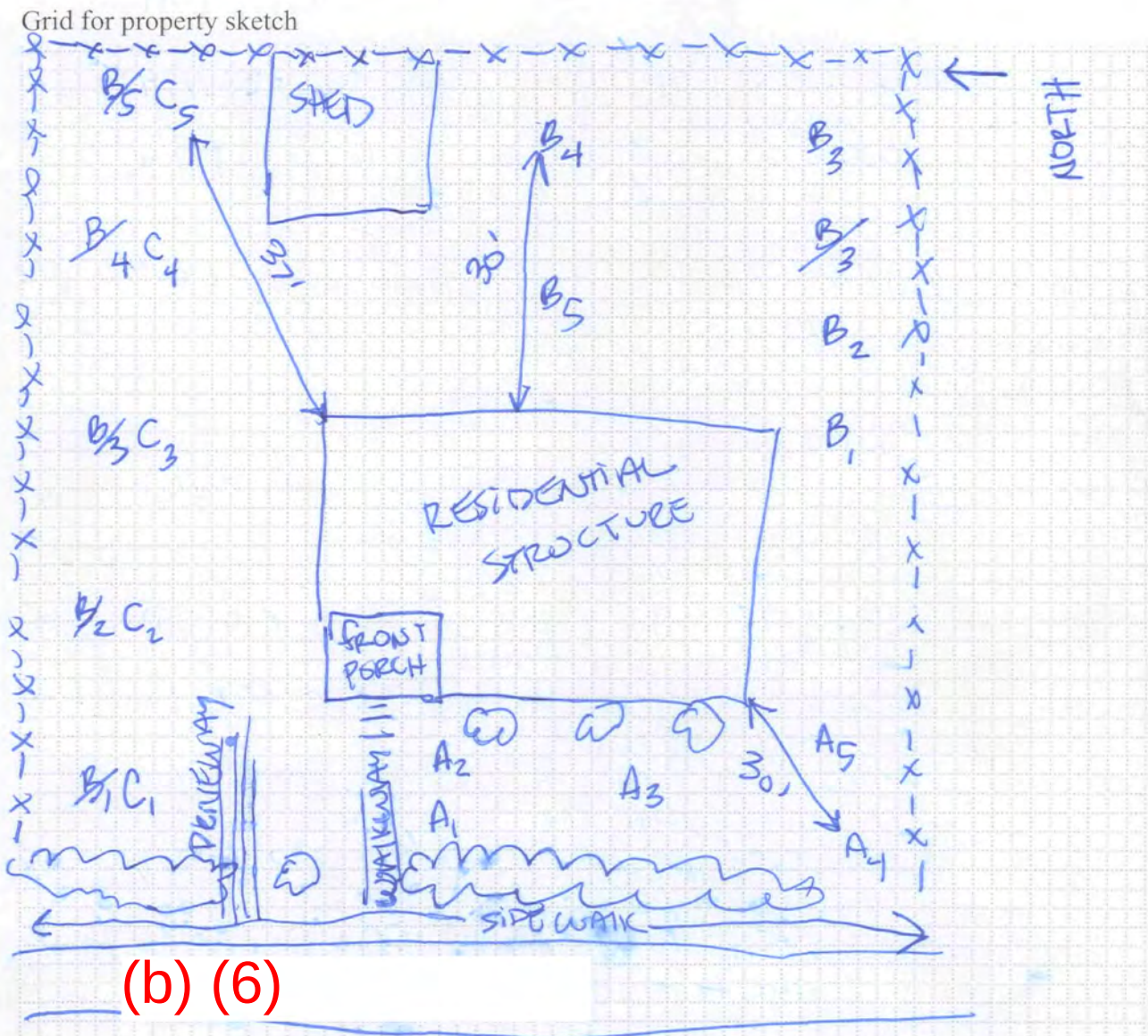
DATE: 1/10/2013

ARRIVAL TIME: 8:35 AM

Other pertinent information (weather conditions, etc.):

40°F, RAIN AND CLOUDS COVERING SKY

PROPERTY COMMENTS:



(b) (6)

STATION ID: CN0094SAMPLE ID: CN0094A-CSSAMPLE COLLECTION TIME: 0858

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

FRONT YARDCollection: Composite or GrabMS/MSD? Y or NField 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: 33.55764241 N Longitude 86.80437486 WMedia description: DARK BROWN SILTY SOIL WITH COAL FRAGMENTS - VERY WETAliquot #2 Latitude: 33.55760009 N Longitude 86.80482595 WMedia description: SAME AS #1Aliquot #3: Latitude: 33.55754670 N Longitude 86.80483902 WMedia description: SAME AS #1Aliquot #4: Latitude: 33.557485742 N Longitude 86.80485742 WMedia description: SAME AS #1Aliquot #5: Latitude: 33.55749125 N Longitude 86.80479040 WMedia description: SAME AS #1STATION ID: CN0094SAMPLE ID: CN0094B-CSSAMPLE COLLECTION TIME: 0905

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

BACK YARDCollection: Composite or GrabMS/MSD? Y or NField 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: 33.55750656 N Longitude 86.80470741 WMedia description: REDISH-BROWN SILTY SOIL WITH COAL FRAGMENTS - VERY WETAliquot #2 Latitude: 33.55749012 N Longitude 86.80463274 WMedia description: SAME AS #1Aliquot #3: Latitude: 33.55749013 N Longitude 86.80454401 WMedia description: SAME AS #1Aliquot #4: Latitude: 33.55759177 N Longitude 86.80453260 WMedia description: SAME AS #1Aliquot #5: Latitude: 33.5575673 N Longitude 86.80460106 WMedia description: SAME AS #1

ADDRESS: (b) (6)

PROPERTY ID: CX0094

DATE: 1/16/2013

ARRIVAL TIME: 8:35 AM

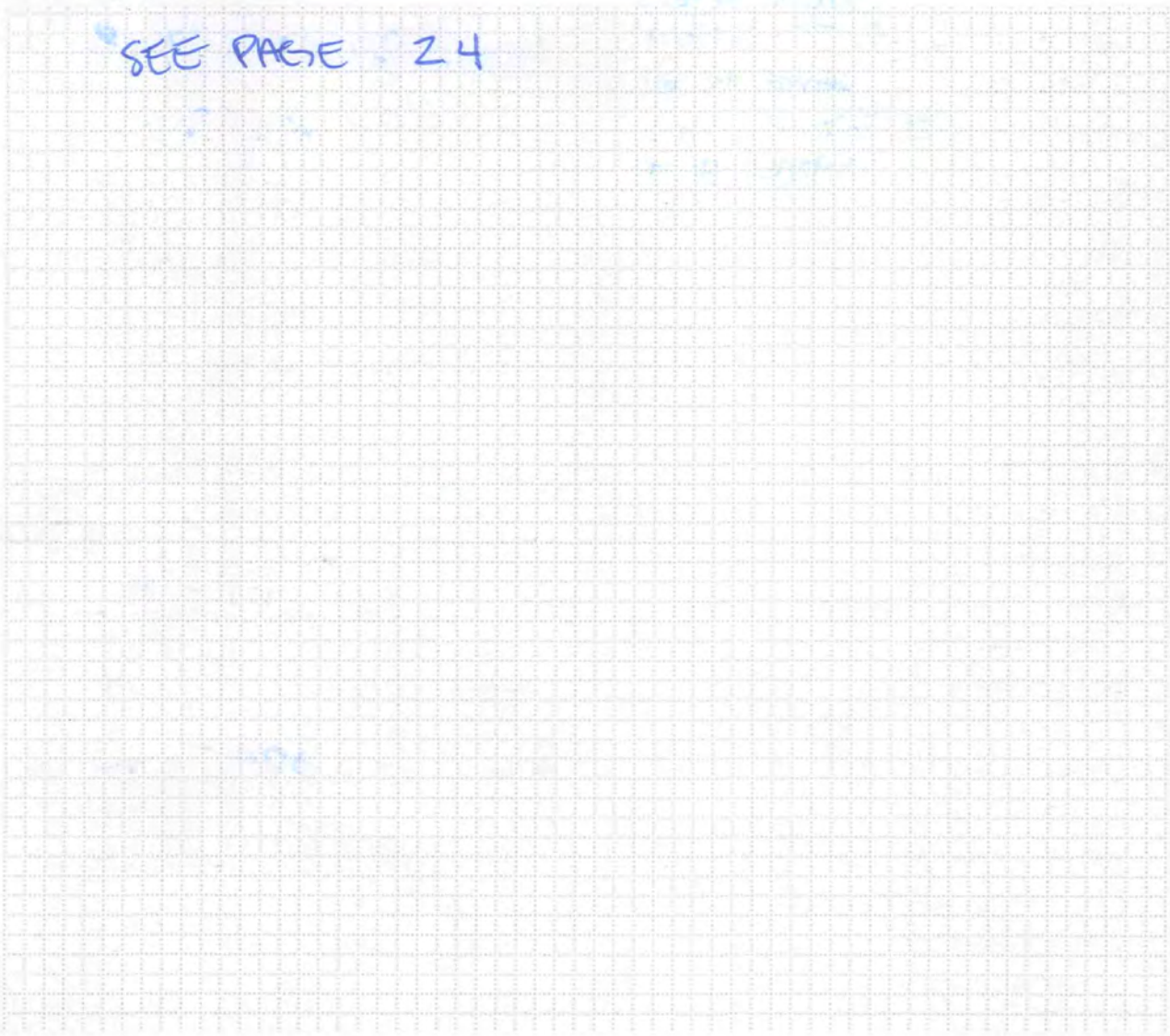
Other pertinent information (weather conditions, etc.):

SEE PAGE 24

PROPERTY COMMENTS:

SEE PAGE 24

Grid for property sketch



STATION ID: CV0094

SAMPLE ID: CV0094C-CS

SAMPLE COLLECTION TIME: 0910

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 [] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: 33.55769916 N Longitude 86.80484142 W

Media description: REDISH-BROWN SILTY SOIL WITH COAL FRAGMENTS-VERY WET

Aliquot #2: Latitude: 33.55770263 N Longitude 86.80477747 W

Media description: SAME AS #1

Aliquot #3: Latitude: 33.55770560 N Longitude 86.80471207 W

Media description: SAME AS #1

Aliquot #4: Latitude: 33.55770427 N Longitude 86.80463840 W

Media description: SAME AS #1

Aliquot #5: Latitude: 33.55770562 N Longitude 86.80455727 W

Media description: SAME AS #1

STATION ID: _____

SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

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

Collection: Composite or Grab

MS/MSD? Y or N

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

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

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

(b) (6)

ADDRESS

PROPERTY ID:

CV0860

EV0904

10

DATE:

1/14/2013

ARRIVAL TIME:

0947

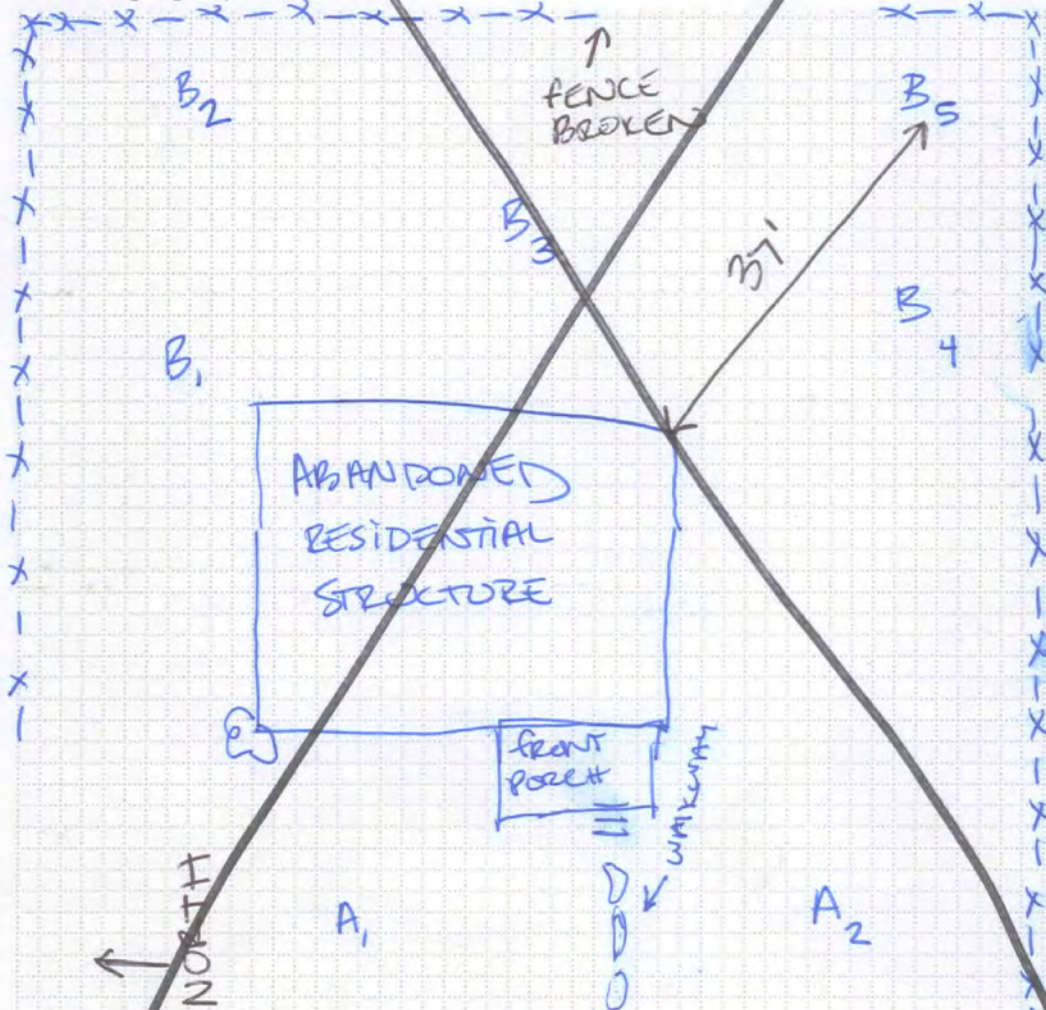
Other pertinent information (weather conditions, etc.):

40°F, RAIN ON AND OFF, CLOUD COVER

PROPERTY COMMENTS:

PROPERTY APPEARS TO BE ABANDONED WITH
BOARDED UP WINDOWS AND A BROKEN
DOOR ON THE ON-SITE RESIDENTIAL
STRUCTURE. "DANGER DO NOT ENTER" SIGN
ON STRUCTURE.

Grid for property sketch



(b) (6)

STATION ID: CV0800 CV0904 SAMPLE ID: CV0860A-CS CV0904A-CS

SAMPLE COLLECTION TIME: 1016

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

FRONT YARD

Collection: Composite or Grab - 2 POINT MS/MSD? Y or N

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

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

Aliquot #1: Latitude: 33.55349556 N Longitude: 86.79979331 W

Media description: DARK BROWN WET SILTY SOIL

Aliquot #2 Latitude: 33.55344441 N Longitude: 86.79980057 W

Media description: SAME AS #1

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: CV0800 CV0904 SAMPLE ID: CV0860B-CS CV0904B-CS

SAMPLE COLLECTION TIME: 1018

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 [] Instrument #: 018165 Logged? Y or N

Aliquot #1: Latitude: 33.55354627 N Longitude: 86.79963192 W

Media description: DARK BROWN SILTY SOIL - WET

Aliquot #2 Latitude: 33.55353426 N Longitude: 86.79955245 W

Media description: SAME AS #1

Aliquot #3: Latitude: 33.55352258 N Longitude: 86.79960633 W

Media description: SAME AS #1

Aliquot #4: Latitude: 33.55344476 N Longitude: 86.79965044 W

Media description: SAME AS #1

Aliquot #5: Latitude: 33.55345933 N Longitude: 86.79950324 W

Media description: SAME AS #1

(b) (6)

ADDRESS

PROPERTY ID:

CV 0866
CV0907

DATE:

1/16/2013

ARRIVAL TIME:

1025

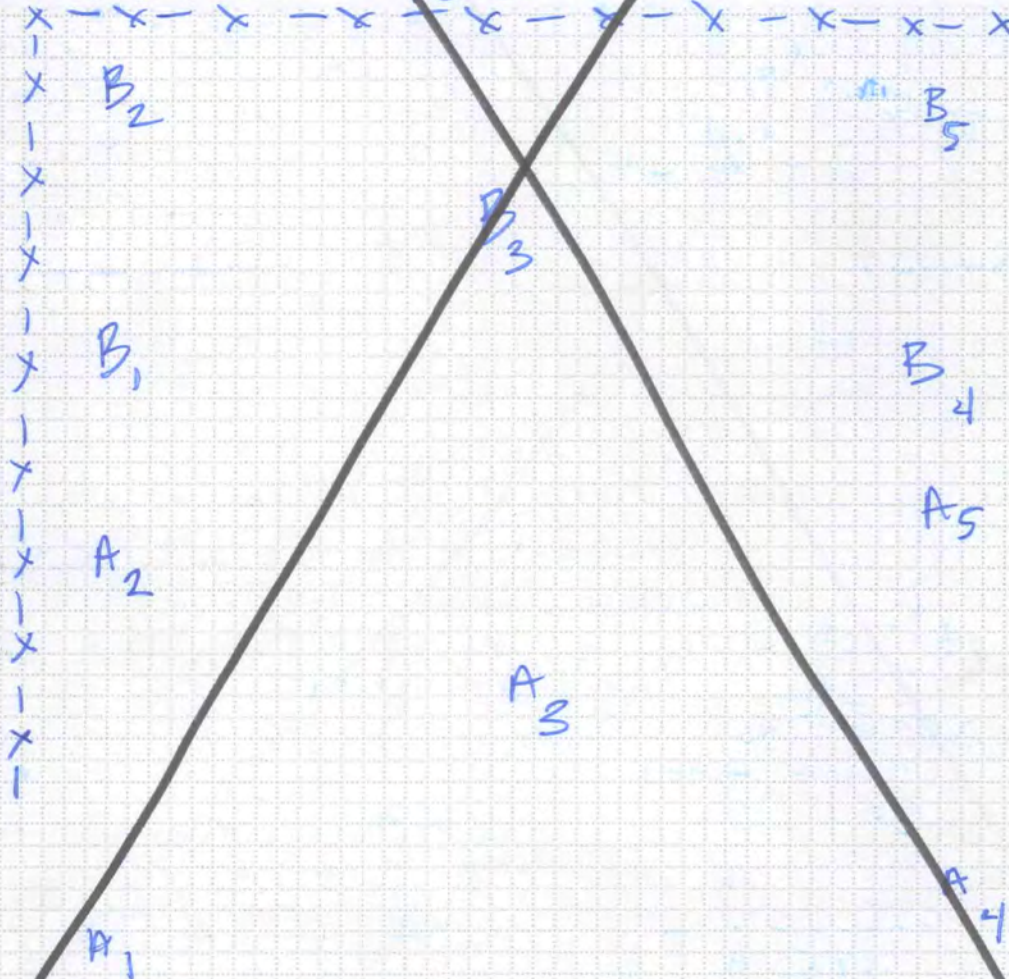
Other pertinent information (weather conditions, etc.):

40°F, CLOUD COVER WITH MISTY RAIN

PROPERTY COMMENTS:

NO ON-SITE STRUCTURE. EMPTY LOT.

Grid for property sketch



(b) (6)

CU0866
STATION ID: CU0907 SAMPLE ID: CU0866 A-CS
CU0907A-CS

SAMPLE COLLECTION TIME: 1042

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

FRONT

Collection: Composite or Grab

MS/MSD? Y or N

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

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

Aliquot #1: Latitude: 33.55392823 N Longitude: 86.79981798 W

Media description: RED/ORANGE CLAY WET

Aliquot #2 Latitude: 33.55396234 N Longitude: 86.79972743 W

Media description: SAME AS #1

Aliquot #3: Latitude: 33.55397285 N Longitude: 86.79975224 W

Media description: SAME AS #1

Aliquot #4: Latitude: 33.55384806 N Longitude: 86.79979362 W

Media description: DARK BROWN WET SILTY SOIL

Aliquot #5: Latitude: 33.55383628 N Longitude: 86.79972186 W

Media description: SAME AS #4

STATION ID: CU0907 CU0866 SAMPLE ID: CU0866 B-CS
CU0907B-CS

SAMPLE COLLECTION TIME: 1047

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

BACK

Collection: Composite or Grab

MS/MSD? Y or N

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

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

Aliquot #1: Latitude: 33.55396385 N Longitude: 86.79965412 W

Media description: RED/ORANGE CLAY - WET

Aliquot #2 Latitude: 33.55397570 N Longitude: 86.79954855 W

Media description: SAME AS #1

Aliquot #3: Latitude: 33.55391323 N Longitude: 86.79960877 W

Media description: DARK BROWN WET SILTY SOIL

Aliquot #4: Latitude: 33.55383762 N Longitude: 86.79966540 W

Media description: SAME AS #3

Aliquot #5: Latitude: 33.55381909 N Longitude: 86.79957937 W

Media description: SAME AS #3

W
GOOD
1/16/13

Cv0904

11/11/13

1314

44°F and cloudy

START talked to resident and will sample front yard and back yard. Dog at the backyard (dog!).

(b) (6)

STATION ID: CU0904A SAMPLE ID: CU0904A-CS

SAMPLE COLLECTION TIME: 1345

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 [X] Instrument #: 018 018165 Logged? Y or N
Aliquot #1: Latitude: 33.55342861 N Longitude: 86.7979905137 W
Media description: dark brown silty clay / orange clay 7 wet
Aliquot #2: Latitude: 33.55352526 N Longitude: 86.797905722 W
Media description: same as #1
Aliquot #3: Latitude: 33.55361457 N Longitude: 86.79790397 W
Media description: same as #1
Aliquot #4: Latitude: 33.55362968 N Longitude: 86.79897683 W
Media description: same as #1
Aliquot #5: Latitude: 33.55362750 N Longitude: 86.7989344 W
Media description: same as #1

STATION ID: CU0904B SAMPLE ID: CU0904B-CS

SAMPLE COLLECTION TIME: 1348

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 [Y] Instrument #: 018165 Logged? Y or N
Aliquot #1: Latitude: 33.55365147 N Longitude: 86.79886061 W
Media description: dark brown silty clay with orange clay 7 wet
Aliquot #2: Latitude: 33.55362248 N Longitude: 86.79879355 W
Media description: same as #1
Aliquot #3: Latitude: 33.55358885 N Longitude: 86.79883595 W
Media description: same as #1
Aliquot #4: Latitude: 33.55355386 N Longitude: 86.79880832 W
Media description: same as #1
Aliquot #5: Latitude: 33.553520015 N Longitude: 86.79888286 W
Media description: same as #1

ADDRESS: (b) (6)

PROPERTY ID: CW0907

DATE: 11/16/13

ARRIVAL TIME: 144

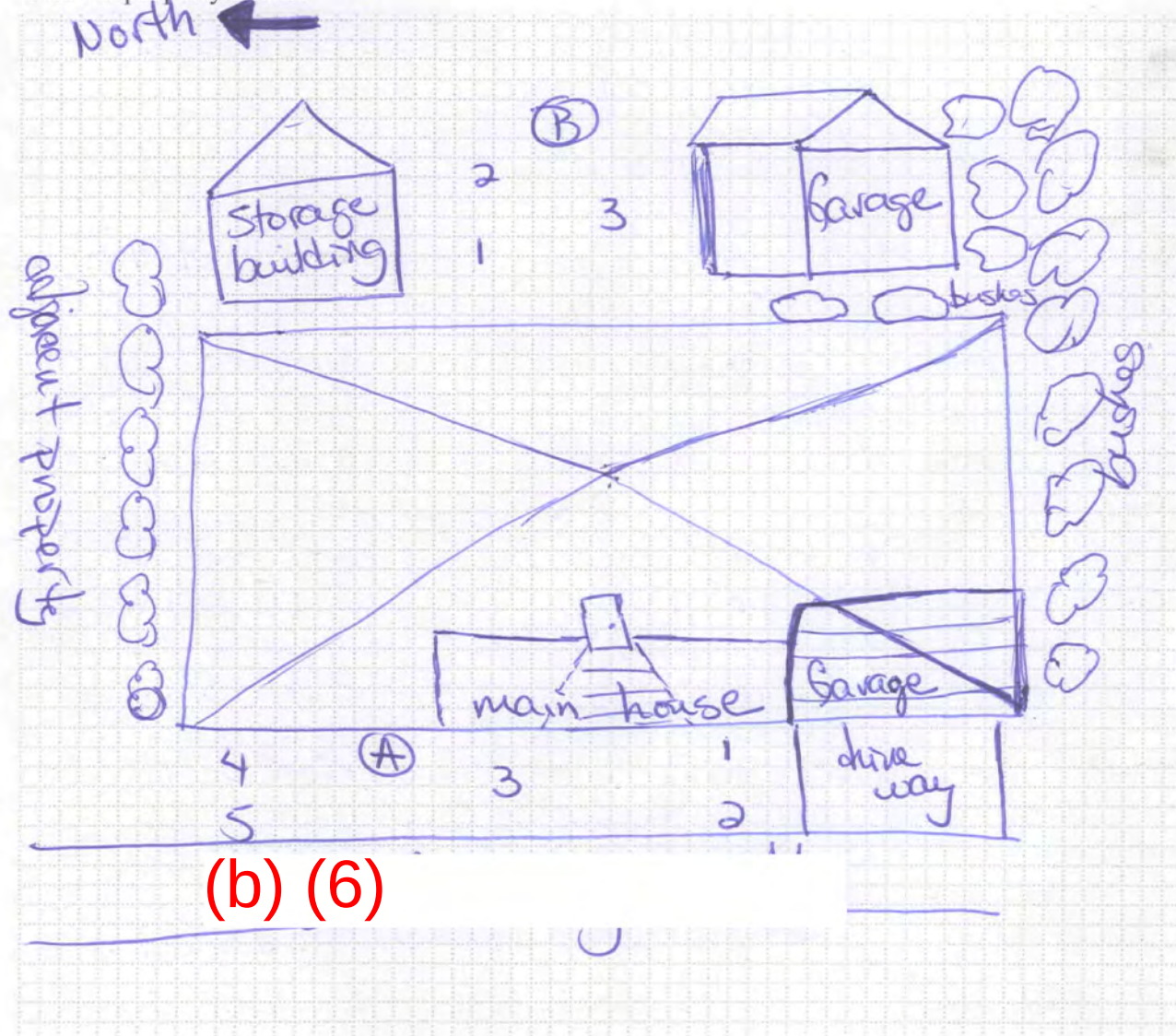
Other pertinent information (weather conditions, etc.):

43°F and raining

PROPERTY COMMENTS:

STAR communicated with resident, did a recon of the property and will collect samples at front yard and back yard.

Grid for property sketch



STATION ID: CU0907A SAMPLE ID: CU0907A-CS

SAMPLE COLLECTION TIME: 1533

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 [<u>X</u> Instrument #: <u>018165</u> Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.55395884</u> N Longitude <u>86.79904033</u> W Media description: <u>dark brown sandy silt wet</u>
Aliquot #2: Latitude: <u>33.55395602</u> N Longitude <u>86.79900303</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55387938</u> N Longitude <u>86.79902316</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.55376442</u> N Longitude <u>86.79901776</u> W Media description: <u>brown sandy silt wet</u>
Aliquot #5: Latitude: <u>33.55377917</u> N Longitude <u>86.79903953</u> W Media description: <u>same as #4</u>

STATION ID: CU0907B SAMPLE ID: CU0907B-CS

SAMPLE COLLECTION TIME: 1538

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 [<u>X</u> Instrument #: <u>018165</u> Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.55389345</u> N Longitude <u>86.79884984</u> W Media description: <u>light brown wet silt</u>
Aliquot #2: Latitude: <u>33.55388963</u> N Longitude <u>86.79881038</u> W Media description: <u>same as #1</u>
Aliquot #3: Latitude: <u>33.55385421</u> N Longitude <u>86.79884421</u> W Media description: <u>same as #1</u>
Aliquot #4: Latitude: _____ N Longitude _____ W Media description: _____
Aliquot #5: Latitude: _____ N Longitude _____ W Media description: _____

(b) (6)

HP-0092
C10725

ADDRESS

Y ID:

DATE:

1/16/13 1/16/13

ARRIVAL TIME:

4550 1610

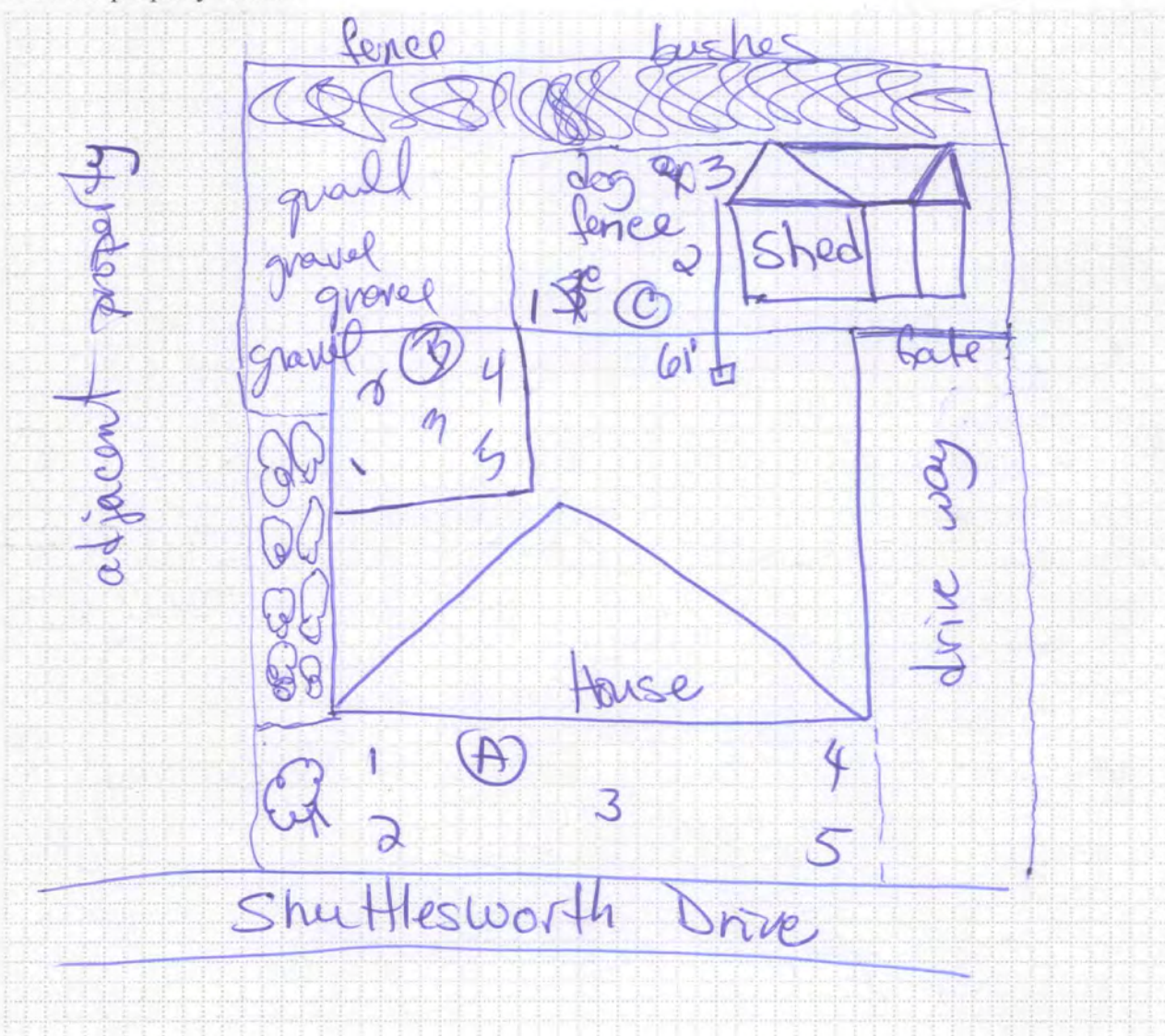
Other pertinent information (weather conditions, etc.):

41°F and cloudy 41°F & cloudy

PROPERTY COMMENTS:

START talked to owner START advised the owner and the dog was chained; START will collect 3 samples.

Grid for property sketch



STATION ID: HP0292A SAMPLE ID: HP0292A-CS

SAMPLE COLLECTION TIME: 1625

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 ☒	Instrument #:	<u>018165</u>	Logged?	Y or <u>N</u>
Aliquot #1:	Latitude:	<u>33.56557974</u>	N Longitude	<u>86.79620236</u>	W
	Media description:	<u>dark brown sandy silt wet w. coal fragments</u>			
Aliquot #2:	Latitude:	<u>33.56557529</u>	N Longitude	<u>86.79616677</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #3:	Latitude:	<u>33.56555285</u>	N Longitude	<u>86.79619459</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #4:	Latitude:	<u>33.56551103</u>	N Longitude	<u>86.79619463</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #5:	Latitude:	<u>33.56552618</u>	N Longitude	<u>86.79623059</u>	W
	Media description:	<u>same as #1</u>			

STATION ID: HP0292B SAMPLE ID: HP0292B-CS

SAMPLE COLLECTION TIME: 1630

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

back yard #1
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>018165</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.56546878</u>	N Longitude	<u>86.79596817</u>	W
	Media description:	<u>dark brown sandy silt wet w. coal fragments</u>			
Aliquot #2:	Latitude:	<u>33.56543236</u>	N Longitude	<u>86.79600893</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #3:	Latitude:	<u>33.56542932</u>	N Longitude	<u>86.79594915</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #4:	Latitude:	<u>33.56541113</u>	N Longitude	<u>86.79591315</u>	W
	Media description:	<u>same as #1</u>			
Aliquot #5:	Latitude:	<u>33.56543051</u>	N Longitude	<u>86.79590065</u>	W
	Media description:	<u>same as #1</u>			

(b) (6)

ADDRESS:

PROPERTY ID:

HPO292

DATE:

11/16/13

ARRIVAL TIME:

1610

Other pertinent information (weather conditions, etc.):

41°F feels like 36°F and cloudy

PROPERTY COMMENTS:

Owner advised and dogs were chained ...
Refer to page 34

Grid for property sketch

Refer to page 34

STATION ID: HP0092C SAMPLE ID: HP0092C-CS

SAMPLE COLLECTION TIME: 1643

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

backyard #2
Collection: Composite or Grab MS/MSD? Y or N

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

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

Aliquot #1: Latitude: 33.56539183 N Longitude: 86.79588264 W

Media description: dark brown wet sandy silt w. gravel & coal frags.

Aliquot #2 Latitude: 33.56540684 N Longitude: 86.79585140 W

Media description: same as #1

Aliquot #3: Latitude: 33.56583834 N Longitude: 86.79583834 W

Media description: same as #1

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

Media description: ✗

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

Media description: _____

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

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

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

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

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

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

Media description: _____

Aliquot #2 Latitude: _____ N Longitude: _____ W

Media description: _____

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

Media description: _____

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

Media description: _____

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

Media description: _____

(b) (6)

ADDRESS:

PROPERTY ID:

HP0000

DATE:

11/7/13

ARRIVAL TIME:

0900

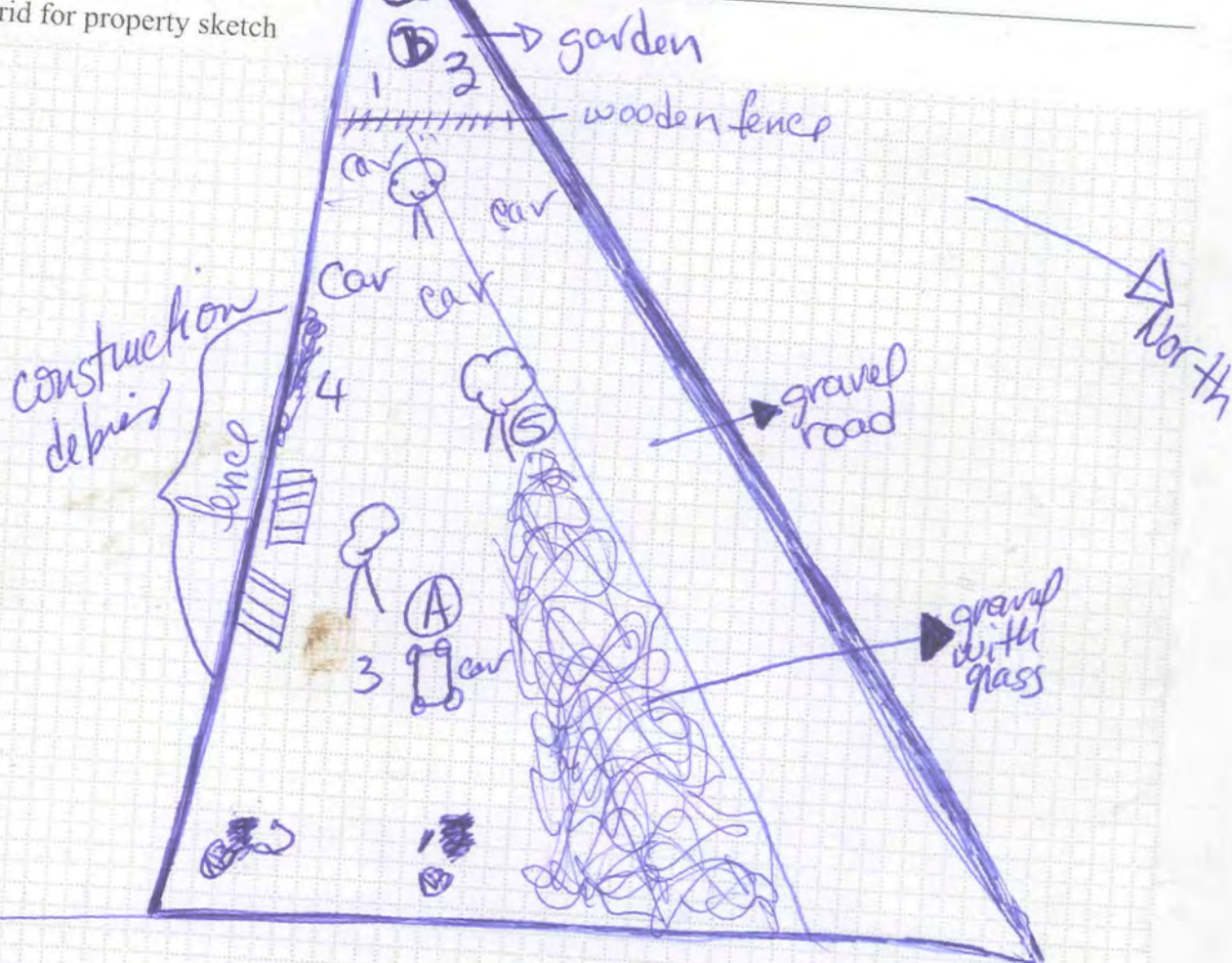
Other pertinent information (weather conditions, etc.):

38°F & light rain; feels like 33°F

PROPERTY COMMENTS:

START approached a resident to ask about people or owner of Church due to the properties ^{pertains} ~~are~~ to the Church; however this property ^{based on the neighbor at residence 4349 Shuttlesworth Dr.} ~~have been given to them because they~~ maintains it.

Grid for property sketch



(b) (6)

STATION ID: HP0020A SAMPLE ID: HP0020A-CS

SAMPLE COLLECTION TIME: 0951

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

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

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

GPS Coordinates: Trimble [X] Instrument #: 0181105 Logged? Y or N

Aliquot #1: Latitude: 33.56640769 N Longitude 86.79367973 W
Media description: reddish brown clayey silt wet

Aliquot #2: Latitude: 33.56631193 N Longitude 86.79366594 W
Media description: Same as #1

Aliquot #3: Latitude: 33.56635025 N Longitude 86.79379289 W
Media description: Same as #1

Aliquot #4: Latitude: 33.56631473 N Longitude 86.79391307 W
Media description: Same as #1

Aliquot #5: Latitude: 33.56637744 N Longitude 86.79392353 W
Media description: Same as #1

STATION ID: HP0020B SAMPLE ID: HP0020B-CS

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 [X] Instrument #: 0181105 Logged? Y or N

Aliquot #1: Latitude: 33.566335783 N Longitude 86.79404204 W
Media description: _____

Aliquot #2: Latitude: 33.56637713 N Longitude 86.79416620 W
Media description: _____

Aliquot #3: Latitude: 33.56641145 N Longitude 86.79408071 W
Media description: _____

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

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

This information cannot be utilized. DM

(b) (6)

ADDRESS: _____ ID: HP0307

DATE: 11/7/2013 ARRIVAL TIME: 1000

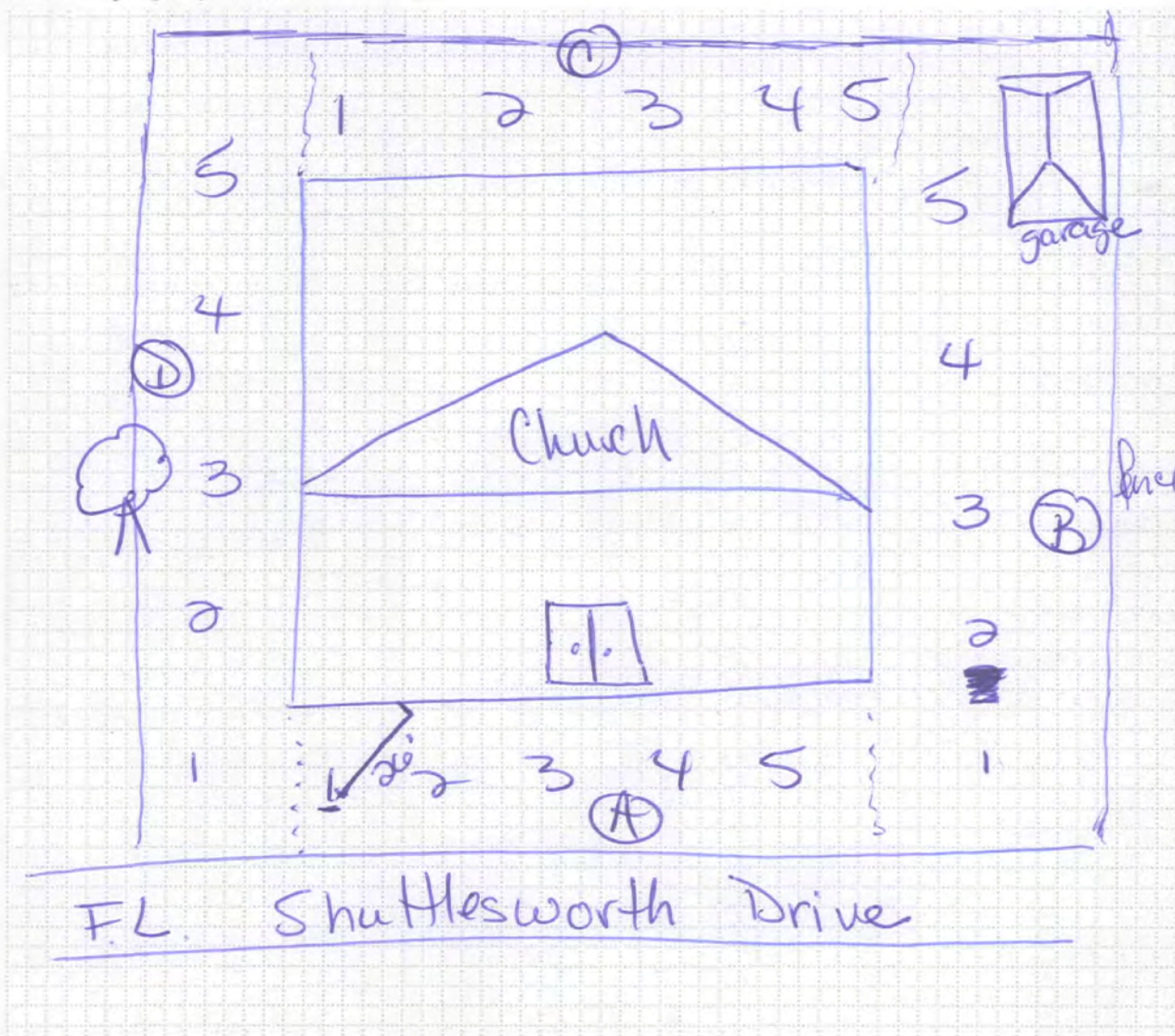
Other pertinent information (weather conditions, etc.):

26°F and cloudy

PROPERTY COMMENTS:

START will collect samples at side yards,
front yard and backyard

Grid for property sketch



STATION ID: HP0307ASAMPLE ID: HP0307A-CSSAMPLE COLLECTION TIME: 1050

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

front yardCollection: Composite or GrabMS/MSD? Y or (N)Field Duplicate or Split: Yes or (No) If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates:	Trimble ☒	Instrument #: <u>018165</u>	Logged? <u>(Y)</u> or N
Aliquot #1:	Latitude: <u>33.56694288</u>	N Longitude: <u>86.79396238</u>	W
	Media description: <u>dark brown/black silty w. gravel wet</u>		
Aliquot #2:	Latitude: <u>33.56691569</u>	N Longitude: <u>86.79402324</u>	W
	Media description: <u>Same as #1</u>		
Aliquot #3:	Latitude: <u>33.56689263</u>	N Longitude: <u>86.79406861</u>	W
	Media description: <u>Same as #1</u>		
Aliquot #4:	Latitude: <u>33.56687456</u>	N Longitude: <u>86.79111135</u>	W
	Media description: <u>Same as #1</u>		
Aliquot #5:	Latitude: <u>33.56684321</u>	N Longitude: <u>86.79414316</u>	W
	Media description: <u>Same as #1</u>		

STATION ID: HP0307BSAMPLE ID: HP0307B-CSSAMPLE COLLECTION TIME: 1055

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

side yard #1Collection: Composite or GrabMS/MSD? Y or (N)Field Duplicate or Split: Yes or (No) If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates:	Trimble ☒	Instrument #: <u>018165</u>	Logged? <u>(Y)</u> or N
Aliquot #1:	Latitude: <u>33.56678870</u>	N Longitude: <u>86.79410600</u>	W
	Media description: <u>brown/black silty clay wet</u>		
Aliquot #2:	Latitude: <u>33.56674710</u>	N Longitude: <u>86.79407455</u>	W
	Media description: <u>Same as #1</u>		
Aliquot #3:	Latitude: <u>33.56670966</u>	N Longitude: <u>86.79404777</u>	W
	Media description: <u>Same as #1</u>		
Aliquot #4:	Latitude: <u>33.56667136</u>	N Longitude: <u>86.79400669</u>	W
	Media description: <u>Same as #1</u>		
Aliquot #5:	Latitude: <u>33.56663209</u>	N Longitude: <u>86.79397145</u>	W
	Media description: <u>Same as #1</u>		

(b) (6)

ADDRESS:

PROPERTY ID: # P0307

DATE: 11/7/13 ARRIVAL TIME: 1000

Other pertinent information (weather conditions, etc.):

26°F & raining

PROPERTY COMMENTS:

Refer to
page 42

Grid for property sketch

Refer to
page 42

STATION ID: HP0307 C SAMPLE ID: HP0307C-CS

SAMPLE COLLECTION TIME: 1100

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 ☒	Instrument #: <u>018165</u>	Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.56665012</u>	N Longitude: <u>86.79378486</u>	W
Media description: <u>dark brown clayey silt wet</u>		
Aliquot #2: Latitude: <u>33.56663004</u>	N Longitude: <u>86.79383462</u>	W
Media description: <u>Same as #1</u>		
Aliquot #3: Latitude: <u>33.56660770</u>	N Longitude: <u>86.79388404</u>	W
Media description: <u>brown orange wet clay</u>		
Aliquot #4: Latitude: <u>33.56658781</u>	N Longitude: <u>86.79393209</u>	W
Media description: <u>Same as #1</u>		
Aliquot #5: Latitude: <u>33.5657753</u>	N Longitude: <u>86.79398166</u>	W
Media description: <u>Same as #1</u>		

STATION ID: HP 0307 D SAMPLE ID: HP0307D-CS

SAMPLE COLLECTION TIME: 1105

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

side yard #2
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>018165</u>	Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.56688379</u>	N Longitude: <u>86.79393602</u>	W
Media description: <u>dark brown brown silty clay wet</u>		
Aliquot #2: Latitude: <u>33.56684609</u>	N Longitude: <u>86.79391140</u>	W
Media description: <u>Same as #1</u>		
Aliquot #3: Latitude: <u>33.56680118</u>	N Longitude: <u>86.79388351</u>	W
Media description: <u>Same as #1</u>		
Aliquot #4: Latitude: <u>33.56675650</u>	N Longitude: <u>86.79386372</u>	W
Media description: <u>brown silt wet</u>		
Aliquot #5: Latitude: <u>33.56669256</u>	N Longitude: <u>86.79382352</u>	W
Media description: <u>brown orange clay wet</u>		

ADDRESS: (b) (6)

PROPERTY ID: CU 0444

DATE: 11/7/2013

ARRIVAL TIME: 1317

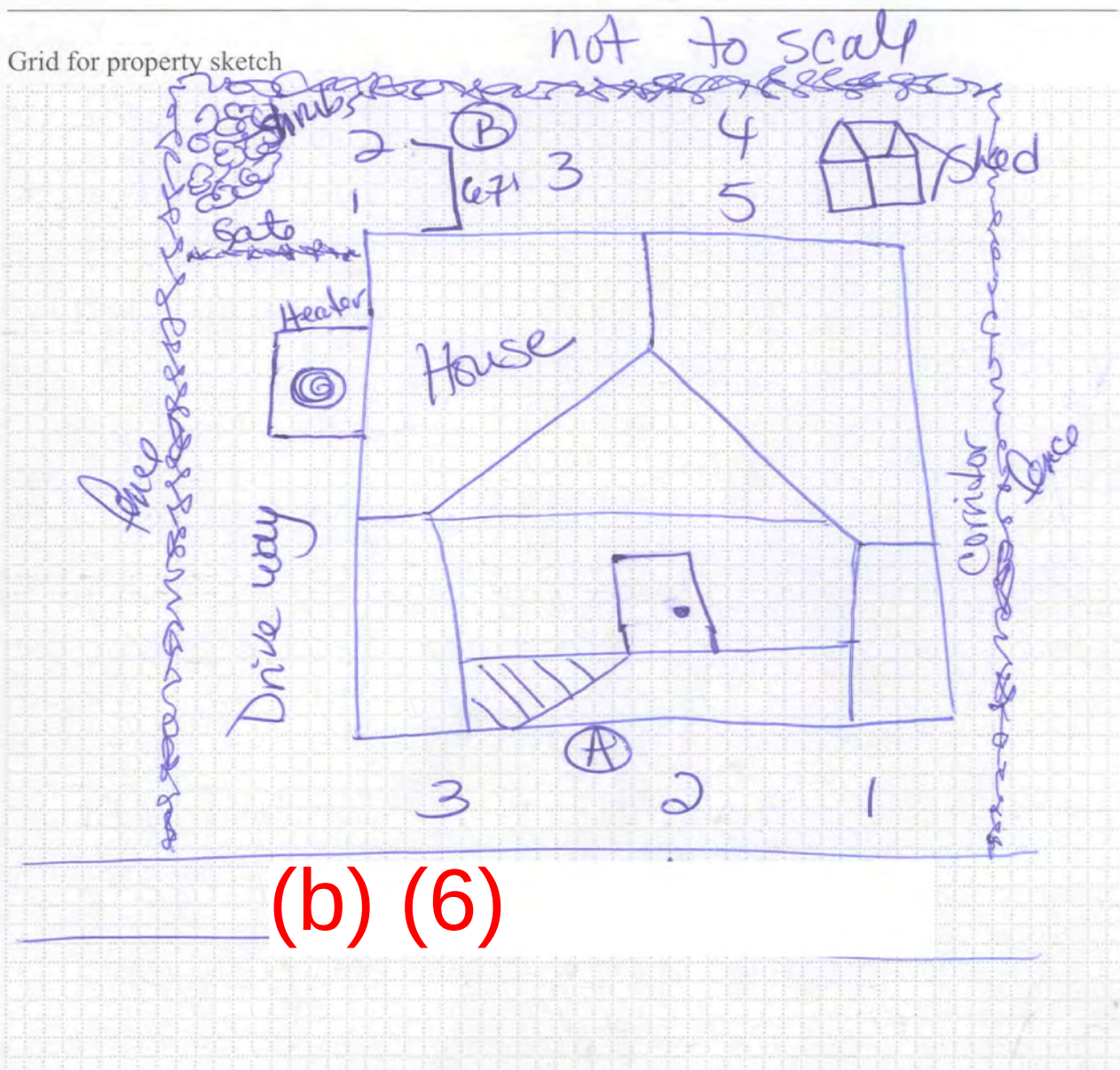
Other pertinent information (weather conditions, etc.):

24°F and Snow showers

PROPERTY COMMENTS:

No resident home at the time of sampling;
START will collect a front yard and back yard
sample.

Grid for property sketch



STATION ID: CU0444A SAMPLE ID: CU0444A-CS

SAMPLE COLLECTION TIME: 1332

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 [☒] Instrument #: 08165 Logged? Y or N

Aliquot #1: Latitude: 33.55496175 N Longitude 86.80064302 W

Media description: dark brown silt wet

Aliquot #2 Latitude: 33.55482818 N Longitude 86.80064020 W

Media description: same as #1

Aliquot #3: Latitude: 33.55479775 N Longitude 86.80064786 W

Media description: same as #1

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

STATION ID: CU0444B SAMPLE ID: CU0444B-CS

SAMPLE COLLECTION TIME: 1335

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 [☒] Instrument #: 08165 Logged? Y or N

Aliquot #1: Latitude: 33.55477396 N Longitude 86.80079344 W

Media description: dark brown silt wet

Aliquot #2 Latitude: 33.55477435 N Longitude 86.80105231 W

Media description: same as #1

Aliquot #3: Latitude: 33.55480545 N Longitude 86.80096148 W

Media description: same as #1

Aliquot #4: Latitude: 33.55485364 N Longitude 86.80103911 W

Media description: same as #1

Aliquot #5: Latitude: 33.55483434 N Longitude 86.80089507 W

Media description: same as #1

(b) (6)

ADDRESS: _____ PROPERTY ID: CV0949

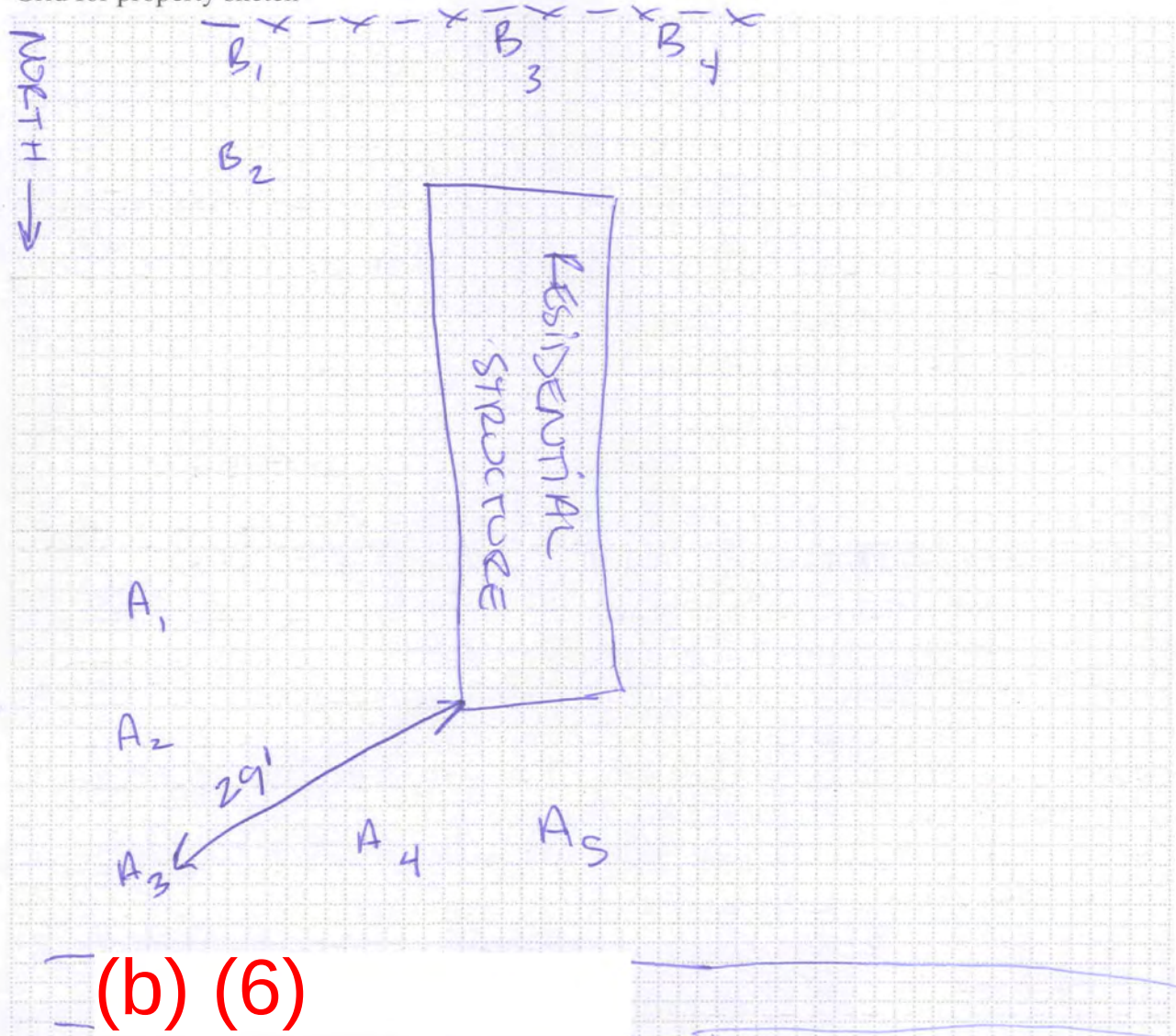
DATE: 1/18/2013 ARRIVAL TIME: 0830

Other pertinent information (weather conditions, etc.):

35°F, ICEY GROUND BUT SUNNY/BLE SKIES

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0949SAMPLE ID: CV0949A-CSSAMPLE COLLECTION TIME: 0846

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

FRONT YARDCollection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0949A-CS0

GPS Coordinates: Trimble [] Instrument #:

Logged? Y or N

Aliquot #1: Latitude: 33.55811901 N Longitude 86.79488836 WMedia description: WET SILTY SOIL - BROWNAliquot #2 Latitude: 33.55816161 N Longitude 86.79488911 WMedia description: SAME AS #1Aliquot #3: Latitude: 33.55820706 N Longitude 86.79489050 WMedia description: SAME AS #1Aliquot #4: Latitude: 33.55820436 N Longitude 86.79497532 WMedia description: SAME AS #1Aliquot #5: Latitude: 33.55820001 N Longitude 86.79501953 WMedia description: SAME AS #1STATION ID: CV0949SAMPLE ID: CV0949BSAMPLE COLLECTION TIME: 0905

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

BACK YARDCollection: Composite or GrabMS/MSD? Y or NField 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: 33.55793479 N Longitude 86.79493587 WMedia description: BROWN WET SILTY SOILAliquot #2 Latitude: 33.55796149 N Longitude 86.79494439 WMedia description: SAME AS #1Aliquot #3: Latitude: 33.55793949 N Longitude 86.79499803 WMedia description: SAME AS #1Aliquot #4: Latitude: 33.55793196 N Longitude 86.79503971 WMedia description: SAME AS #1

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

ADDRESS: (b) (6)

PROPERTY ID: HPO300

DATE: 1/18/2013 ARRIVAL TIME: 0920

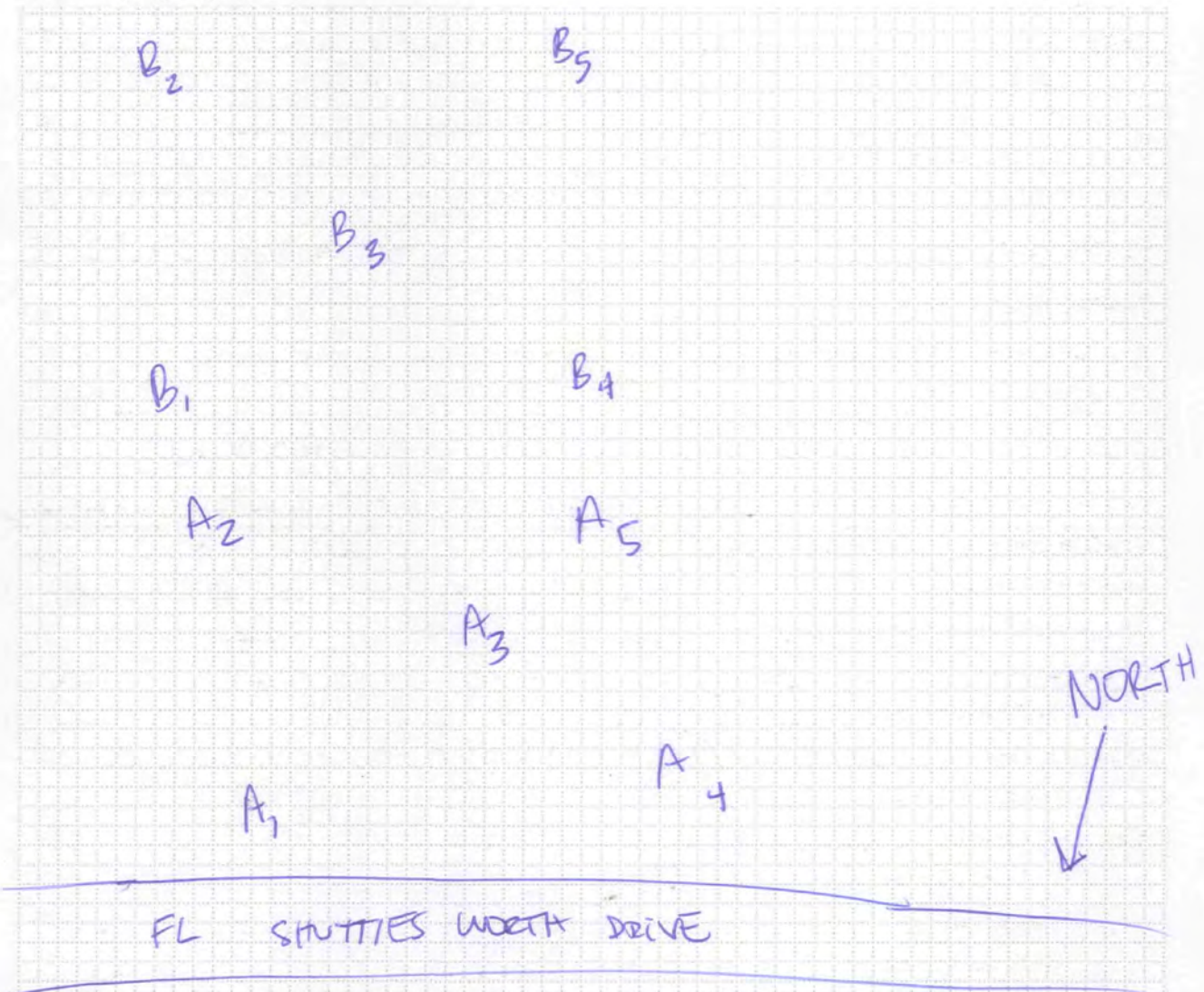
Other pertinent information (weather conditions, etc.):

38°F, SUNNY SKIES WITH ICE/SNOW ON GROUND

PROPERTY COMMENTS:

NO ON-SITE STRUCTURE - EMPTY LOT.
STANDING WATER ON GROUND OF
PROPERTY.

Grid for property sketch



STATION ID: HP0300A SAMPLE ID: HP0300A-CS

SAMPLE COLLECTION TIME: 0940

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

front

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>33.56642087</u>	N Longitude <u>86.79524596</u>	W
Media description: <u>BROWN SILTY WET SOIL</u>		
Aliquot #2 Latitude: <u>33.56629959</u>	N Longitude <u>86.79518173</u>	W
Media description: <u>SAME AS #1</u>		
Aliquot #3: Latitude: <u>33.56635751</u>	N Longitude <u>86.79525139</u>	W
Media description: <u>SAME AS #1</u>		
Aliquot #4: Latitude: <u>33.56638146</u>	N Longitude <u>86.79533769</u>	W
Media description: <u>SAME AS #1</u>		
Aliquot #5: Latitude: <u>33.56626115</u>	N Longitude <u>86.79526353</u>	W
Media description: <u>SAME AS #1</u>		

STATION ID: HP0300B SAMPLE ID: HP0300B-CS

SAMPLE COLLECTION TIME: 0945

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

BACK

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0300B-CS

GPS Coordinates: Trimble [] Instrument #: _____		Logged? Y or N
Aliquot #1: Latitude: <u>33.56625237</u>	N Longitude <u>86.79515156</u>	W
Media description: <u>BROWN SILTY WET SOIL</u>		
Aliquot #2 Latitude: <u>33.56609418</u>	N Longitude <u>86.79504997</u>	W
Media description: <u>BLACK SILTY SOIL WITH SOME COAL FRAGMENTS</u>		
Aliquot #3: Latitude: <u>33.56617061</u>	N Longitude <u>86.79516056</u>	W
Media description: <u>SAME AS #1</u>		
Aliquot #4: Latitude: <u>33.56621940</u>	N Longitude <u>86.79523834</u>	W
Media description: <u>SAME AS #1</u>		
Aliquot #5: Latitude: <u>33.56607219</u>	N Longitude <u>86.79514376</u>	W
Media description: <u>SAME AS #2</u>		

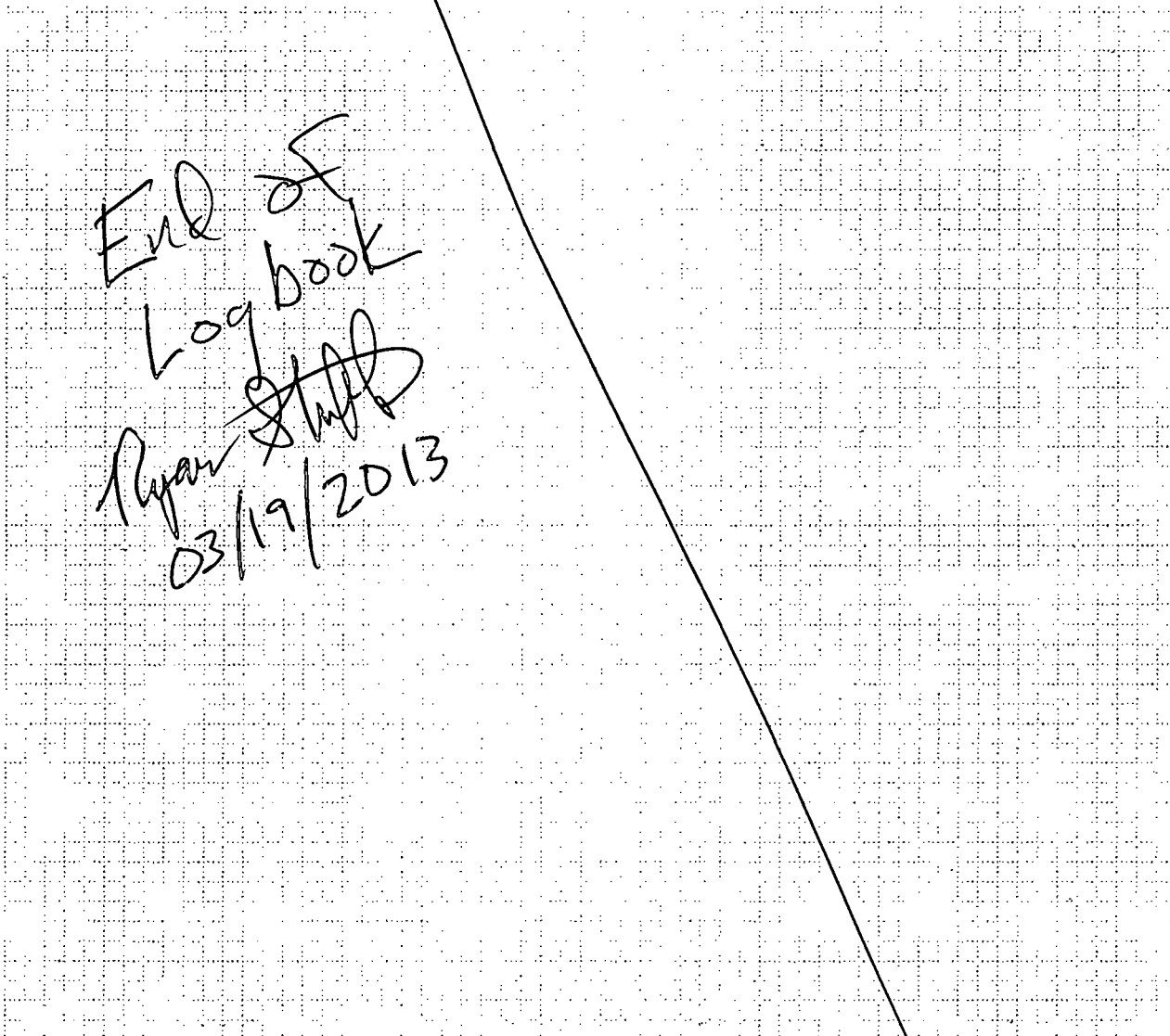
ADDRESS: _____ PROPERTY ID: _____

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.