

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: 5/29/13 - 5/30/13

List of Sampling Team in logbook:

Name	Initials	Organization/Duties
(b) (6)	JCC	OTIE, Team Leader
(b) (6)	LVO	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 ¼-acre - the property should be divided into two roughly equal surface areas. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may be collected from the side yard with the remainder of the property being divided into two roughly equal surface areas. Aliquots will be collected away from influences including drip lines and burn areas with reasonably equal spacing between aliquots.
- Residential properties over ¼-acre in parcel lot size will be divided into ¼-acre sections. When dividing any such property with a substantial side yard (primarily corner lots), one composite soil sample may be collected from the side yard. Aliquots will be collected away from influences including drip lines and burn areas in a five dice configuration, if possible, with reasonably equal spacing between aliquots.

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

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

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

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

STATION ID: Fm-0322A

SAMPLE ID: Fm-0322A-CS-SO

SAMPLE COLLECTION TIME: 1336

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

THIN VEGETATED COVER (GRASS/CLVER COVER) SINGLE AT FRONT CORNER (Left)

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: 3 (Fm0322A-CS0)

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>PINE 016144</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.56636084</u>	N Longitude <u>86.81155433</u> W
Media description: <u>DARK BROWN SANDY SILT w/ GRAVEL</u>	
Aliquot #2: Latitude: <u>33.56635699</u>	N Longitude <u>86.81162609</u> W
Media description: <u>LIGHT BROWN SANDY SILT WITH GRAVEL</u>	
Aliquot #3: Latitude: <u>33.56639086</u>	N Longitude <u>86.81160481</u> W
Media description: <u>SAME AS # 2</u>	
Aliquot #4: Latitude: <u>33.56643874</u>	N Longitude <u>86.81162743</u> W
Media description: <u>SAME AS # 2</u>	
Aliquot #5: Latitude: <u>33.56643694</u>	N Longitude <u>86.81155301</u> W
Media description: <u>SAME AS # 2</u>	

STATION ID: Fm0322B

SAMPLE ID: Fm0322B-CS-SO

SAMPLE COLLECTION TIME: 13:44

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

BACK YARD, VEGETATED GRASS & SHRUBS

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: 3 (Fm0322B-CS0)

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>PINE 016144</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.56639782</u>	N Longitude <u>86.81182342</u> W
Media description: <u>ORANGE BROWN SANDY SILT w/ GRAVEL</u>	
Aliquot #2: Latitude: <u>33.56636975</u>	N Longitude <u>86.81197650</u> W
Media description: <u>DARK BROWN SILT</u>	
Aliquot #3: Latitude: <u>33.56642397</u>	N Longitude <u>86.811642397</u> W
Media description: <u>SAME AS # 1</u>	
Aliquot #4: Latitude: <u>33.56646153</u>	N Longitude <u>86.81192659</u> W
Media description: <u>SAME AS # 1</u>	
Aliquot #5: Latitude: <u>33.56645542</u>	N Longitude <u>86.81181933</u> W
Media description: <u>SAME AS # 1</u>	

(b) (6)

ADDRESS:

PROPERTY ID: Fm-0348

DATE: 5-28-13

ARRIVAL TIME: 14:03

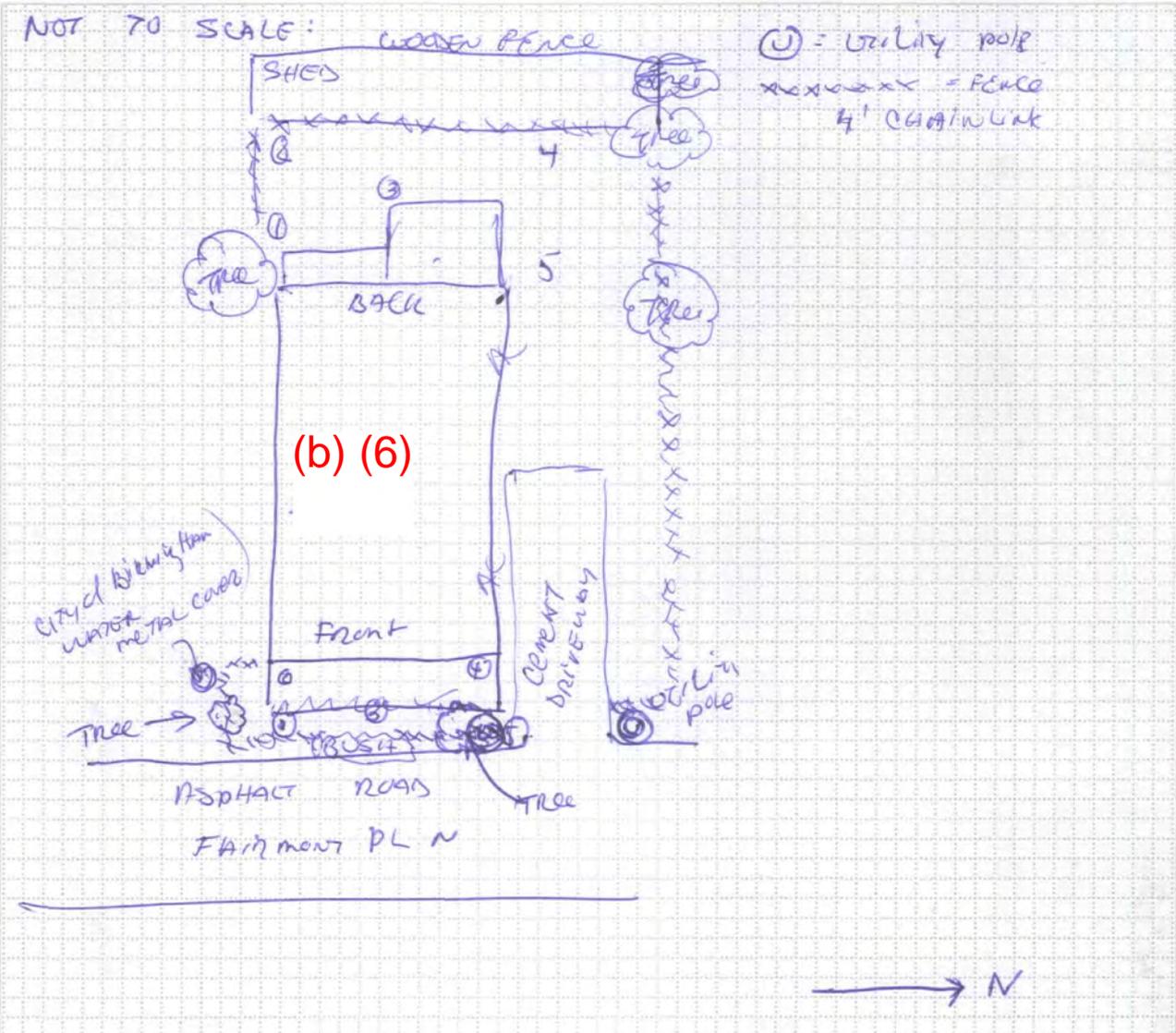
Other pertinent information (weather conditions, etc.):

SUNNY PARTLY CLOUDY 84°F H/L 90°/63°F

PROPERTY COMMENTS:

GREEN CLAD BOARD House - NOTIFIED RESIDENT - 4' CHAIN LINK FENCE AROUND HOME -

Grid for property sketch



DEP'S
EMS

STATION ID: FM 0348A SAMPLE ID: FM 0348A-CS-8

SAMPLE COLLECTION TIME: 14:20

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

GRASS VEGETATION / ANTS / FENCE 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: 3 FM 0348A-CS0

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>]	Instrument #:	Logged?	Y or N
Aliquot #1:	Latitude:	<u>33.56230111</u>	N Longitude	<u>86.81386406</u> W
	Media description:	<u>LIGHT BROWN SILT</u>		
Aliquot #2:	Latitude:	<u>33.56228763</u>	N Longitude	<u>86.81393093</u> W
	Media description:	<u>33.5623056 SAME AS #1</u>		
Aliquot #3:	Latitude:	<u>33.56232056</u>	N Longitude	<u>86.81389643</u> W
	Media description:	<u>SAME AS #1</u>		
Aliquot #4:	Latitude:	<u>33.56235967</u>	N Longitude	<u>86.81393378</u> W
	Media description:	<u>SAME AS #1</u>		
Aliquot #5:	Latitude:	<u>33.56236045</u>	N Longitude	<u>86.81388328</u> W
	Media description:	<u>SAME AS #1</u>		

STATION ID: FM 0348B SAMPLE ID: FM-0348B-CS-5A

SAMPLE COLLECTION TIME: 14:34

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

GRASS VEGETATION - 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: 3 FM 0348B-CS0

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>]	Instrument #:	Logged?	Y or N
Aliquot #1:	Latitude:	<u>33.56232962</u>	N Longitude	<u>86.81413090</u> W
	Media description:	<u>LIGHT BROWN SILT</u>		
Aliquot #2:	Latitude:	<u>33.56230086</u>	N Longitude	<u>86.814123337</u> W
	Media description:	<u>LIGHT BROWN SILT</u>		
Aliquot #3:	Latitude:	<u>33.56235652</u>	N Longitude	<u>86.81418360</u> W
	Media description:	<u>SAME AS #1</u>		
Aliquot #4:	Latitude:	<u>33.56238996</u>	N Longitude	<u>86.81423099</u> W
	Media description:	<u>SAME AS #1</u>		
Aliquot #5:	Latitude:	<u>33.56238264</u>	N Longitude	<u>86.81413984</u> W
	Media description:	<u>LIGHT BROWN SILT w/ COAL FRAGMENTS</u>		

(b) (6)

ADDRESS: _____ PROPERTY ID: FRM-0349

DATE: 5-28-13 ARRIVAL TIME: 14:45

Other pertinent information (weather conditions, etc.):

partly cloudy 84°/72 H/L = 90/63°R

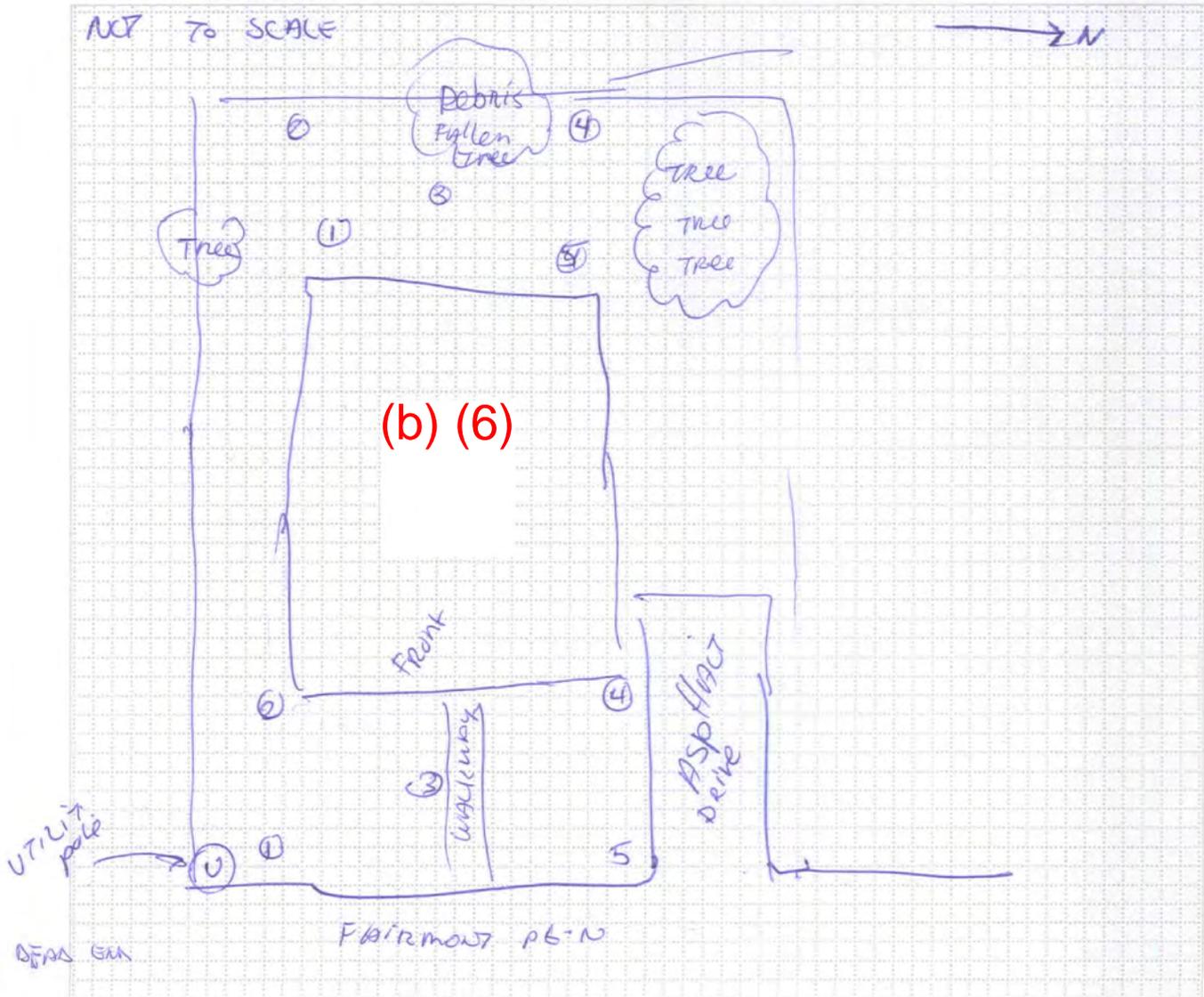
PROPERTY COMMENTS:

BLUE - CEMENT BOARD SIDING

NO RESIDENT / OPEN BACK DOOR

OVERGROWN BACK YARD

Grid for property sketch



STATION ID: Fm 0349 A SAMPLE ID: Fm 0349A-CS-SP

SAMPLE COLLECTION TIME: 1454

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
GRASS VEGETATION 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: #5 Fm 0349A-ESS

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>PINE 016144</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.56243099</u> N Longitude <u>86.81385466</u> W Media description: <u>HIGHT BROWN SILTY CLAY</u>
Aliquot #2: Latitude: <u>33.56243726</u> N Longitude <u>86.81393615</u> W Media description: <u>SAME AS #1</u>
Aliquot #3: Latitude: <u>33.56247956</u> N Longitude <u>86.81388437</u> W Media description: <u>SAME AS #1</u>
Aliquot #4: Latitude: <u>33.56252434</u> N Longitude <u>86.81392687</u> W Media description: <u>SAME AS #1</u>
Aliquot #5: Latitude: <u>33.56250971</u> N Longitude <u>86.81385160</u> W Media description: <u>SAME AS #1</u>

STATION ID: Fm 0349 B SAMPLE ID: Fm 0349B-CS-SP

SAMPLE COLLECTION TIME: 15:07

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
BACK YARD OVER GROUND VEGETATION

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: #3 Fm 0349B-ESS

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>PINE 016144</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.56247477</u> N Longitude <u>86.81411776</u> W Media description: <u>LT BROWN SANDY SILT W/ GRAVEL</u>
Aliquot #2: Latitude: <u>33.56244793</u> N Longitude <u>86.81422762</u> W Media description: <u>SAME AS #1</u>
Aliquot #3: Latitude: <u>33.56251225</u> N Longitude <u>86.81416739</u> W Media description: <u>SAME AS #1</u>
Aliquot #4: Latitude: <u>33.56252748</u> N Longitude <u>86.81421660</u> W Media description: <u>SAME AS #1</u>
Aliquot #5: Latitude: <u>33.56252140</u> N Longitude <u>86.81411680</u> W Media description: <u>SAME AS #1</u>

STATION ID: Fm 0098A SAMPLE ID: Fm 0098A-CS-SP

SAMPLE COLLECTION TIME: 0901

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
1st 1/4 of empty parcel facing 3rd way N.

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: Fm 0098A-CS-SF

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>] Instrument #:	<u>PINE 016144</u>	Logged?	<input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude:	<u>33.56874319</u>	N Longitude	<u>86.80414382</u> W
	Media description:	<u>light brown silt</u>		
Aliquot #2:	Latitude:	<u>33.56874213</u>	N Longitude	<u>86.80423976</u> W
	Media description:	<u>same as #1</u>		
Aliquot #3:	Latitude:	<u>33.56882831</u>	N Longitude	<u>86.80416931</u> W
	Media description:	<u>same as #1</u>		
Aliquot #4:	Latitude:	<u>33.56892951</u>	N Longitude	<u>86.80423727</u> W
	Media description:	<u>same as #1</u>		
Aliquot #5:	Latitude:	<u>33.56893330</u>	N Longitude	<u>86.80414470</u> W
	Media description:	<u>same as #1</u>		

STATION ID: Fm 0098B SAMPLE ID: Fm 0098B-CS-S0

SAMPLE COLLECTION TIME: 9:12

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
2ND QUADRANT - of EMPTY LOT - FACING

Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: Fm 0098B3

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>] Instrument #:	<u>PINE 16144</u>	Logged?	<input checked="" type="checkbox"/> Y or N
Aliquot #1:	Latitude:	<u>33.56874606</u>	N Longitude	<u>86.80426343</u> W
	Media description:	<u>LIGHT BROWN SILT</u>		
Aliquot #2:	Latitude:	<u>33.56874785</u>	N Longitude	<u>86.80439004</u> W
	Media description:	<u>SAME AS #1</u>		
Aliquot #3:	Latitude:	<u>33.56882726</u>	N Longitude	<u>86.80430197</u> W
	Media description:	<u>LIGHT BROWN SILT w/ COAL FRAGMENTS</u>		
Aliquot #4:	Latitude:	<u>33.56893370</u>	N Longitude	<u>86.80440313</u> W
	Media description:	<u>SAME AS #1</u>		
Aliquot #5:	Latitude:	<u>33.56892541</u>	N Longitude	<u>86.80426102</u> W
	Media description:	<u>SAME AS #1</u>		

ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

Refer to DATA ON PAGE
12 OF 65 -
(SAME SITE INFORMATION)

[Handwritten Signature]

STATION ID: Fm-0098C SAMPLE ID: Fm-0098C-CS-SP

SAMPLE COLLECTION TIME: 09:23

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
QUAD 3 Road 31st WAY NORTH, GRASS VEGETATION

Collection: Composite or Grab MS/MSD? Y or

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: Fm0098C3

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>PING 016144</u> Logged? <input checked="" type="checkbox"/> or N	
Aliquot #1: Latitude: <u>33.56874636</u> N Longitude: <u>86.80440805</u> W	Media description: <u>DARK BROWN clayey SILT</u>
Aliquot #2: Latitude: <u>33.56875516</u> N Longitude: <u>86.80454666</u> W	Media description: <u>SAME AS #1</u>
Aliquot #3: Latitude: <u>33.56882869</u> N Longitude: <u>86.80447857</u> W	Media description: <u>SAME AS #1</u>
Aliquot #4: Latitude: <u>33.56893635</u> N Longitude: <u>86.80447327</u> W	Media description: <u>LIGHT BROWN SILT</u>
Aliquot #5: Latitude: <u>33.56893563</u> N Longitude: <u>86.80442934</u> W	Media description: <u>SAME AS #1</u>

STATION ID: ~~Fm0098D~~ ^(w) Fm0098D SAMPLE ID: Fm0098D-CS-SP

SAMPLE COLLECTION TIME: 09:37

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
QUAD 4 - 90% in woods -

Collection: Composite or Grab MS/MSD? Y or

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: Fm0098D3

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>PING 016144</u> Logged? <input checked="" type="checkbox"/> or N	
Aliquot #1: Latitude: <u>33.56874780</u> N Longitude: <u>86.80461153</u> W	Media description: <u>BROWN SILT</u>
Aliquot #2: Latitude: <u>33.56879064</u> N Longitude: <u>86.80470640</u> W	Media description: <u>BROWN/orange clay</u>
Aliquot #3: Latitude: <u>33.56879798</u> N Longitude: <u>86.80464665</u> W	Media description: <u>BROWN SILT</u>
Aliquot #4: Latitude: <u>33.56885904</u> N Longitude: <u>86.80469802</u> W	Media description: <u>BROWN SILT</u>
Aliquot #5: Latitude: <u>33.56888563</u> N Longitude: <u>86.80453735</u> W	Media description: <u>BROWN SILT</u>

(b) (6)

ADDRESS:

PROPERTY ID: HP-0175

DATE: 5-29-13

ARRIVAL TIME: 09:59

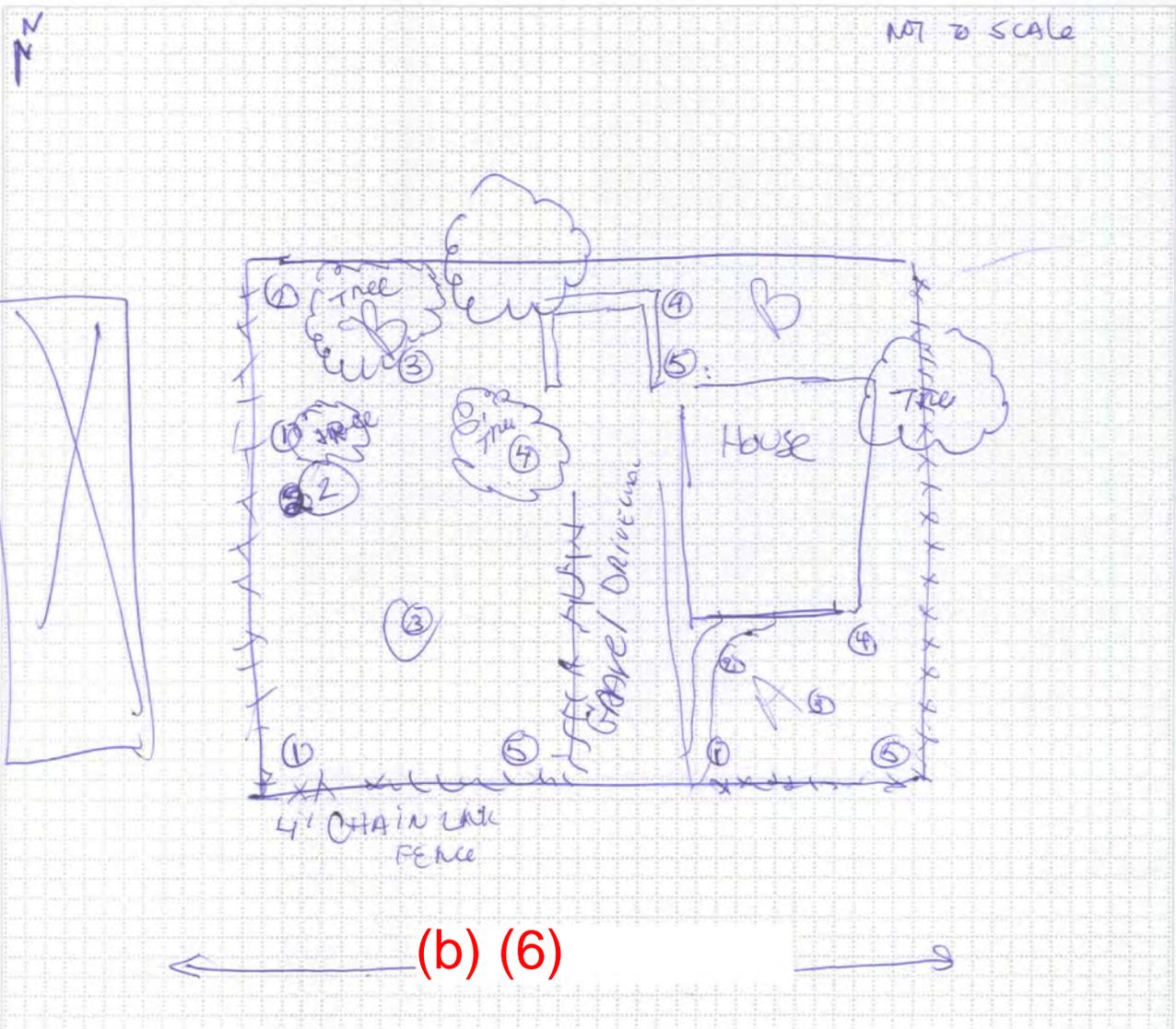
Other pertinent information (weather conditions, etc.):

Sunny - 73 H/L 88/63

PROPERTY COMMENTS:

- ABANDONED - House on left (EAST) HALF, open lot on left (WEST side) 4' tall CREOSOTE VEGETATION UNSECURE Home

Grid for property sketch



(b) (6)

(b) (6)

STATION ID: HP-0175A

SAMPLE ID: HP-0175A-CS-SP

SAMPLE COLLECTION TIME: 1030

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: HP0175A CS-SP

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>PINE 01644</u>	Logged? <input checked="" type="checkbox"/> or N
Aliquot #1:	Latitude: <u>33.56587622</u> N Longitude: <u>86.79301165</u> W	
	Media description: <u>bron sandy silt</u>	
Aliquot #2:	Latitude: <u>33.56590668</u> N Longitude: <u>86.79300303</u> W	
	Media description: <u>same as #1</u>	
Aliquot #3:	Latitude: <u>33.56586990</u> N Longitude: <u>86.79296218</u> W	
	Media description: <u>same as #1</u>	
Aliquot #4:	Latitude: <u>33.56590442</u> N Longitude: <u>86.79291962</u> W	
	Media description: <u>same as #1</u>	
Aliquot #5:	Latitude: <u>33.56587243</u> N Longitude: <u>86.79292322</u> W	
	Media description: <u>same as #1</u>	

STATION ID: HP0175B

SAMPLE ID: HP0175B-CS-SP

SAMPLE COLLECTION TIME: 10:48

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

BACK HALF of PROPERTY / WOODED

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0175B BS-80

GPS Coordinates:	Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>PINE 01644</u>	Logged? Y or N
Aliquot #1:	Latitude: <u>33.56612125</u> N Longitude: <u>86.79322559</u> W	
	Media description: <u>DARK BROWN SILTY CLAY</u>	
Aliquot #2:	Latitude: <u>33.56621229</u> N Longitude: <u>86.79321378</u> W	
	Media description: <u>BROWN SILT</u>	
Aliquot #3:	Latitude: <u>33.56616310</u> N Longitude: <u>86.79316183</u> W	
	Media description: <u>SAME AS #2</u>	
Aliquot #4:	Latitude: <u>33.56619425</u> N Longitude: <u>86.79300118</u> W	
	Media description: <u>SAME AS #2</u>	
Aliquot #5:	Latitude: <u>33.56613612</u> N Longitude: <u>86.79300127</u> W	
	Media description: <u>SAME AS #2</u>	

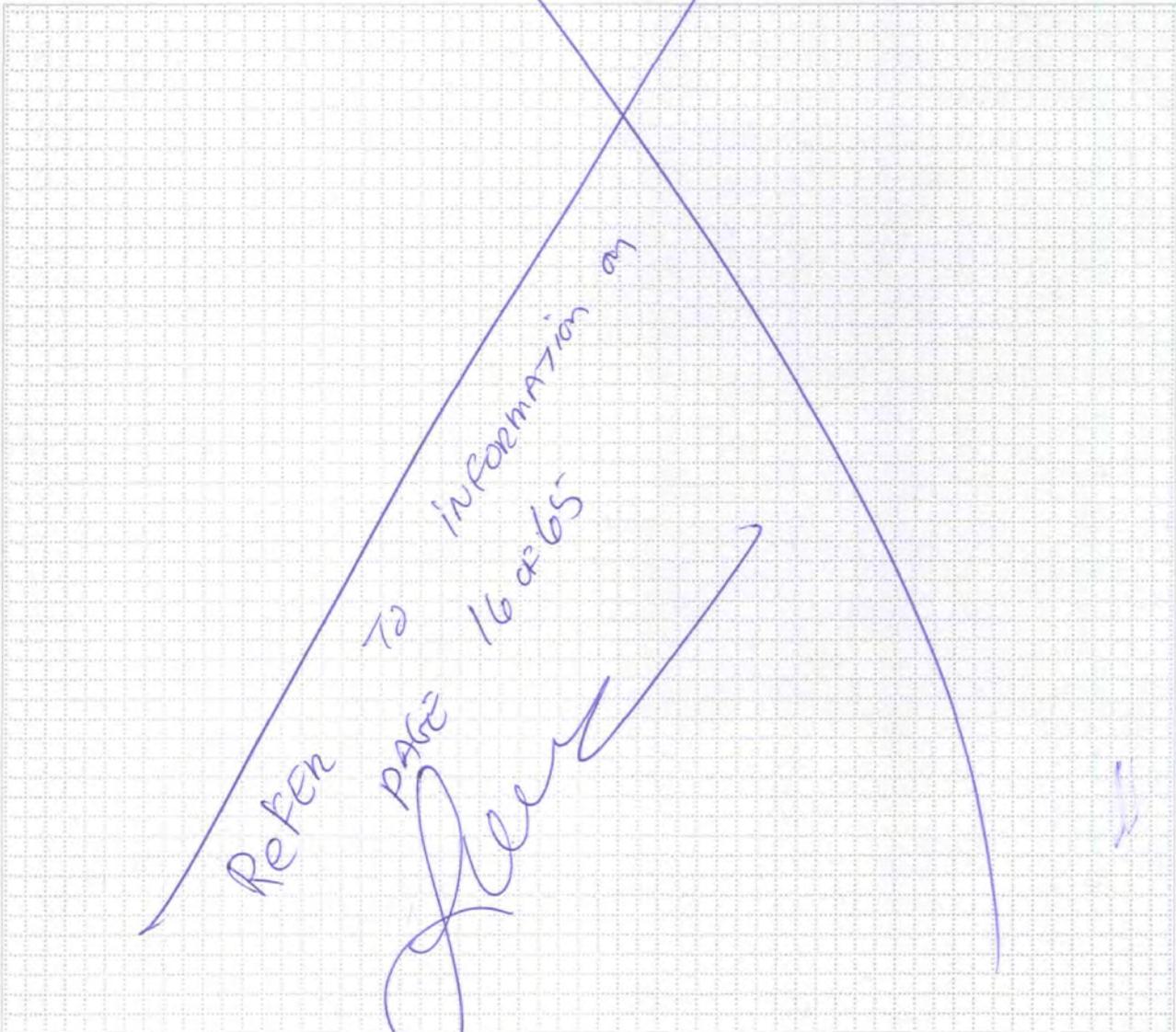
ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: HP0175C SAMPLE ID: HP0175C-BS-SP

SAMPLE COLLECTION TIME: 11:00

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

front left - open field, VEG 4' tall

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0175C-BS-80

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>PINE 016174</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.56589310</u> N Longitude: <u>86.79316664</u> W Media description: <u>BROWN SANDY SILT</u>
Aliquot #2: Latitude: <u>33.56607740</u> N Longitude: <u>86.79318700</u> W Media description: <u>SAME AS #1</u>
Aliquot #3: Latitude: <u>33.56598730</u> N Longitude: <u>86.79311981</u> W Media description: <u>BROWN SANDY SILT</u>
Aliquot #4: Latitude: <u>33.56609212</u> N Longitude: <u>86.79306490</u> W Media description: <u>SAME AS #1</u>
Aliquot #5: Latitude: <u>33.56589716</u> N Longitude: <u>86.79309780</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 [<input type="checkbox"/>] 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:

HP0072

DATE:

5-29-13

ARRIVAL TIME:

12:35

Other pertinent information (weather conditions, etc.):

Sunny

81.6°F

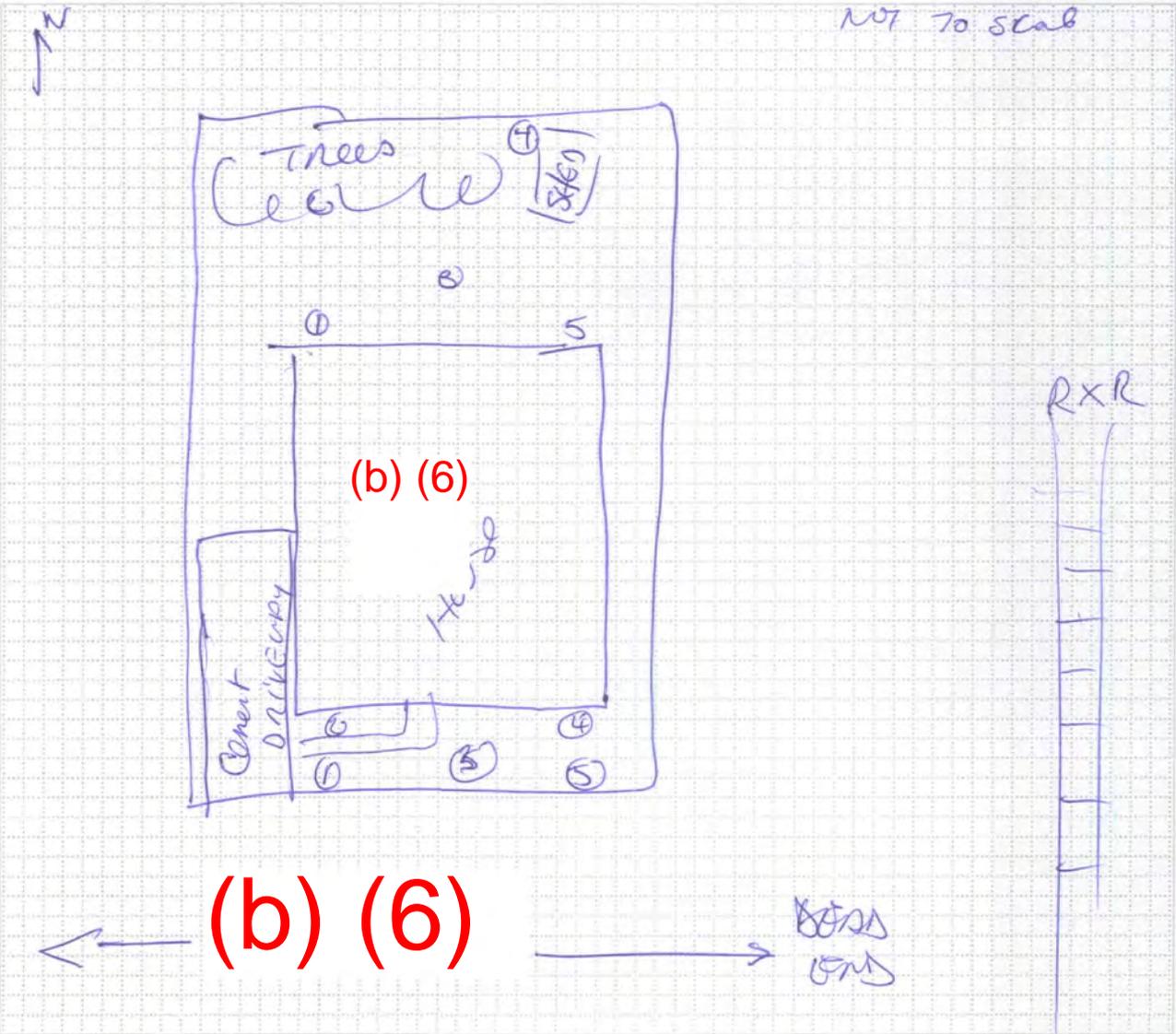
PROPERTY COMMENTS:

Spoke with RESIDENT - RECEIVED VERBAL PERMISSION

- Front yard BACK yard Sample

- glass

Grid for property sketch



STATION ID: HP0072A SAMPLE ID: HP0072A-CS-S

SAMPLE COLLECTION TIME: 1253

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

front yard / grass

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0072A-CS-S

GPS Coordinates: Trimble [] Instrument #: 016144 Logged? Y or N

Aliquot #1: Latitude: 33.56399211 N Longitude: 86.79038231 W

Media description: brown / dark brown silt

Aliquot #2: Latitude: 33.56399211 N Longitude: 86.79039102 W

Media description: same as #1

Aliquot #3: Latitude: 33.56397994 N Longitude: 86.79034909 W

Media description: same as #1

Aliquot #4: Latitude: 33.56399029 N Longitude: 86.79032401 W

Media description: same as #1

Aliquot #5: Latitude: 33.56394661 N Longitude: 86.79030882 W

Media description: orange/brown clay w/ coal fragments

STATION ID: HP0072B SAMPLE ID: HP0072B-CS-S

SAMPLE COLLECTION TIME: 13:00

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

Back yard / grass

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0072B-CS-S

GPS Coordinates: Trimble [] Instrument #: 016144 Logged? Y or N

Aliquot #1: Latitude: 33.56418571 N Longitude: 86.79641784 W

Media description: Brown silty clay

Aliquot #2: Latitude: 33.56429269 N Longitude: 86.79041964 W

Media description: _____

Aliquot #3: Latitude: 33.56423933 N Longitude: 86.79038243 W

Media description: _____

Aliquot #4: Latitude: 33.56429119 N Longitude: 86.79034252 W

Media description: _____

Aliquot #5: Latitude: 33.56418144 N Longitude: 86.79032746 W

Media description: _____

(b) (6)

ADDRESS:

PROPERTY ID:

HP0125

DATE: 5-29-13

ARRIVAL TIME: 13:18

Other pertinent information (weather conditions, etc.):

sunny 82

PROPERTY COMMENTS:

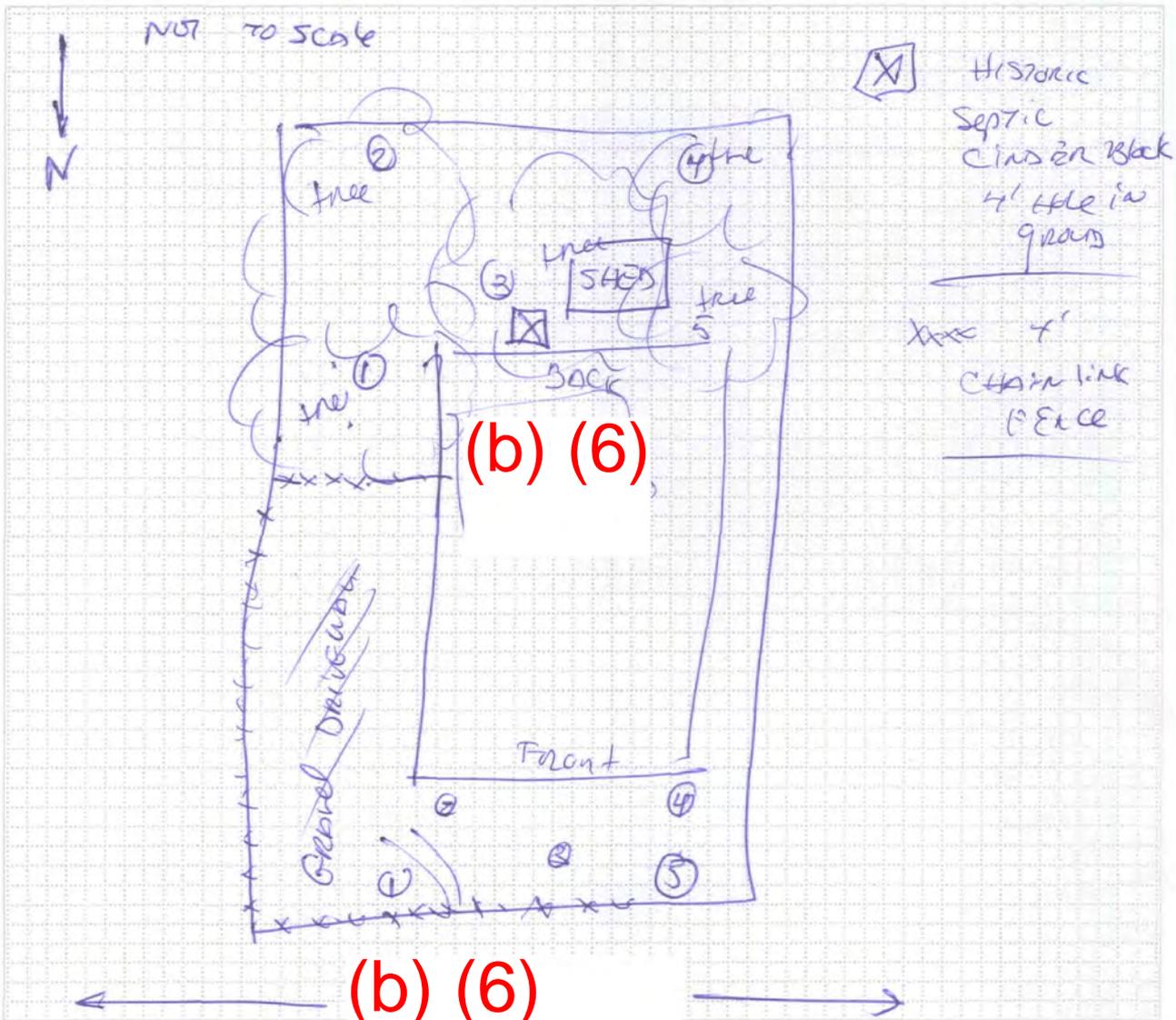
verbal permission from resident - no dogs reported

- septic hole in back yard

- vegetated grass gravel yard -

- brick house / curbs

Grid for property sketch



STATION ID: HP0125A

SAMPLE ID: HP0125A - CS - SP

SAMPLE COLLECTION TIME: 1339

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: HP0125A - CS - SP

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>Pine 016144</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.56480221</u> N Longitude: <u>86.79206619</u> W	Media description: <u>brown silty clay w/ slag stone fragments</u>
Aliquot #2: Latitude: <u>33.56474514</u> N Longitude: <u>86.79207493</u> W	Media description: <u>same #1</u>
Aliquot #3: Latitude: <u>33.56477396</u> N Longitude: <u>86.79211096</u> W	Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.56476308</u> N Longitude: <u>86.79215804</u> W	Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.56480483</u> N Longitude: <u>86.79215891</u> W	Media description: <u>same as #1</u>

STATION ID: HP0125B

SAMPLE ID: HP 0125B - CS - SP

SAMPLE COLLECTION TIME: 13:54

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: HP 0125B CS - SP

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>Pine 016144</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.56461675</u> N Longitude: <u>86.79205410</u> W	Media description: <u>orange brown clay silt</u>
Aliquot #2: Latitude: <u>33.56443674</u> N Longitude: <u>86.79202700</u> W	Media description: <u>orange brown clay silt</u>
Aliquot #3: Latitude: <u>33.56453899</u> N Longitude: <u>86.79209779</u> W	Media description: <u>same as #1</u>
Aliquot #4: Latitude: <u>33.56444126</u> N Longitude: <u>86.79214898</u> W	Media description: <u>same as #1</u>
Aliquot #5: Latitude: <u>33.56461328</u> N Longitude: <u>86.79216830</u> W	Media description: <u>same as #1</u>

(b) (6)

ADDRESS:

PROPERTY ID:

HP 0193

DATE:

5-29-13

ARRIVAL TIME:

15:05

Other pertinent information (weather conditions, etc.):

Scary - 82

PROPERTY COMMENTS:

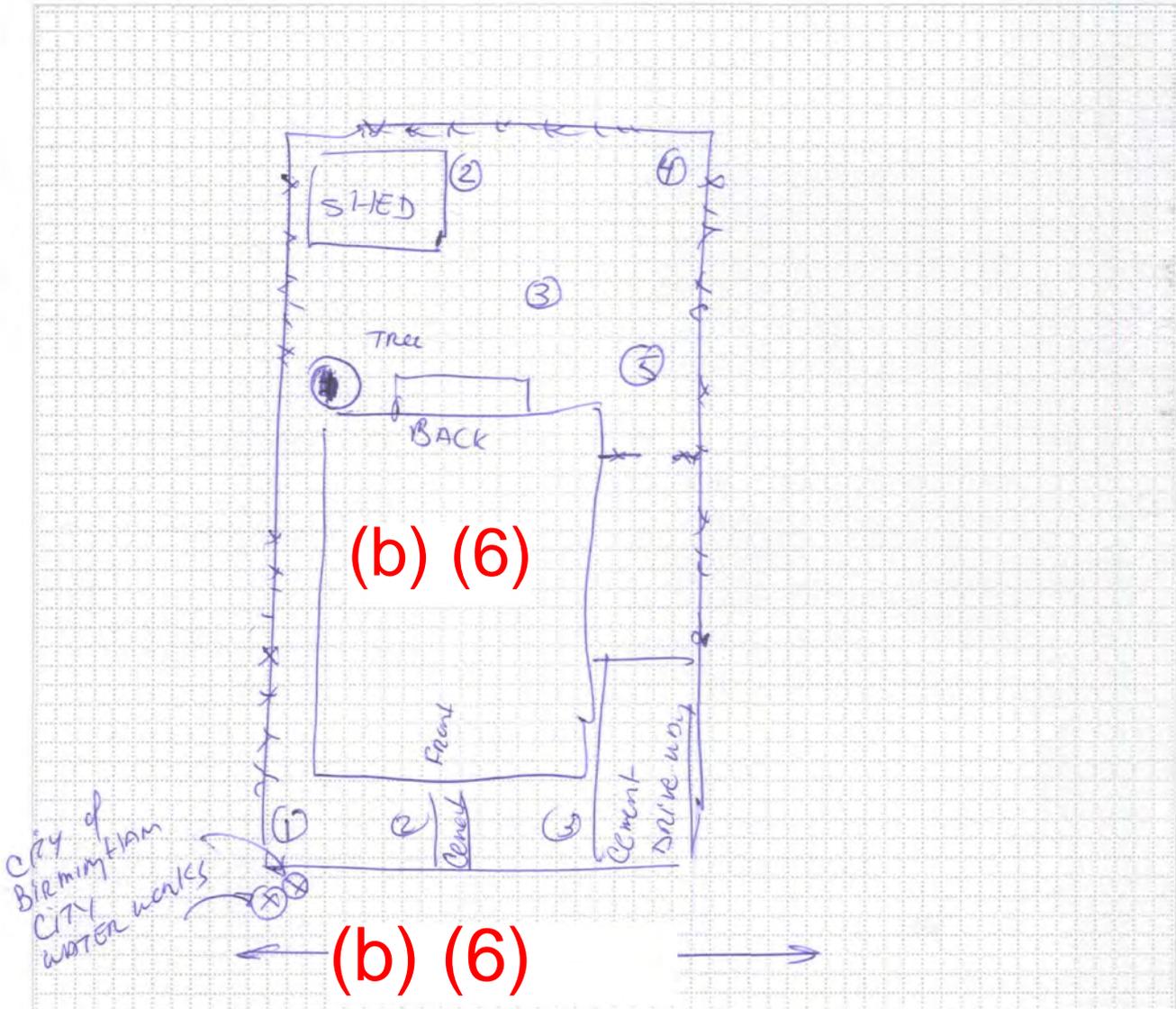
NO ANSWER AT DOOR -

- small front 3-aligners

GRASS VEGETATION - E PLANTS

2 DOGS IN BACK

Grid for property sketch



STATION ID: HP0193A

SAMPLE ID: HP0193A CS-SP

SAMPLE COLLECTION TIME: 1423

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: HP0193A-CS-SP

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>AME 016144</u>		Logged? Y or N	
Aliquot #1: Latitude: <u>33.56581580</u>	N Longitude: <u>86.79148238</u>	W	
Media description: <u>Brown clayey SILT</u>			
Aliquot #2: Latitude: <u>33.56582032</u>	N Longitude: <u>86.79144912</u>	W	
Media description: <u>Brown clayey SILT</u>			
Aliquot #3: Latitude: <u>33.56581771</u>	N Longitude: <u>86.79139995</u>	W	
Media description: _____			
Aliquot #4: Latitude: _____	N Longitude: _____	W	
Media description: _____			
Aliquot #5: Latitude: _____	N Longitude: _____	W	
Media description: _____			

STATION ID: HP0193B

SAMPLE ID: HP0193A-CS-SP

SAMPLE COLLECTION TIME: 1434

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

BACK YARD - SHED, TREE, 2 DOGS

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0193B-CS-SP

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>AME # 016144</u>		Logged? Y or N	
Aliquot #1: Latitude: <u>33.56605827</u>	N Longitude: <u>86.79148441</u>	W	
Media description: <u>Light Brown SILT</u>			
Aliquot #2: Latitude: <u>33.56615242</u>	N Longitude: <u>86.79142046</u>	W	
Media description: <u>LIGHT BROWN SILT</u>			
Aliquot #3: Latitude: <u>33.56609825</u>	N Longitude: <u>86.79140731</u>	W	
Media description: <u>AS #1</u>			
Aliquot #4: Latitude: <u>33.56613134</u>	N Longitude: <u>86.79136867</u>	W	
Media description: <u>SAME AS #1</u>			
Aliquot #5: Latitude: <u>33.56604129</u>	N Longitude: <u>86.79136173</u>	W	
Media description: <u>SAME AS #1</u>			

(b) (6)

ADDRESS

PROPERTY ID: HP0299

DATE: 5-29-13

ARRIVAL TIME: 16:15

Other pertinent information (weather conditions, etc.):

Sunny 82

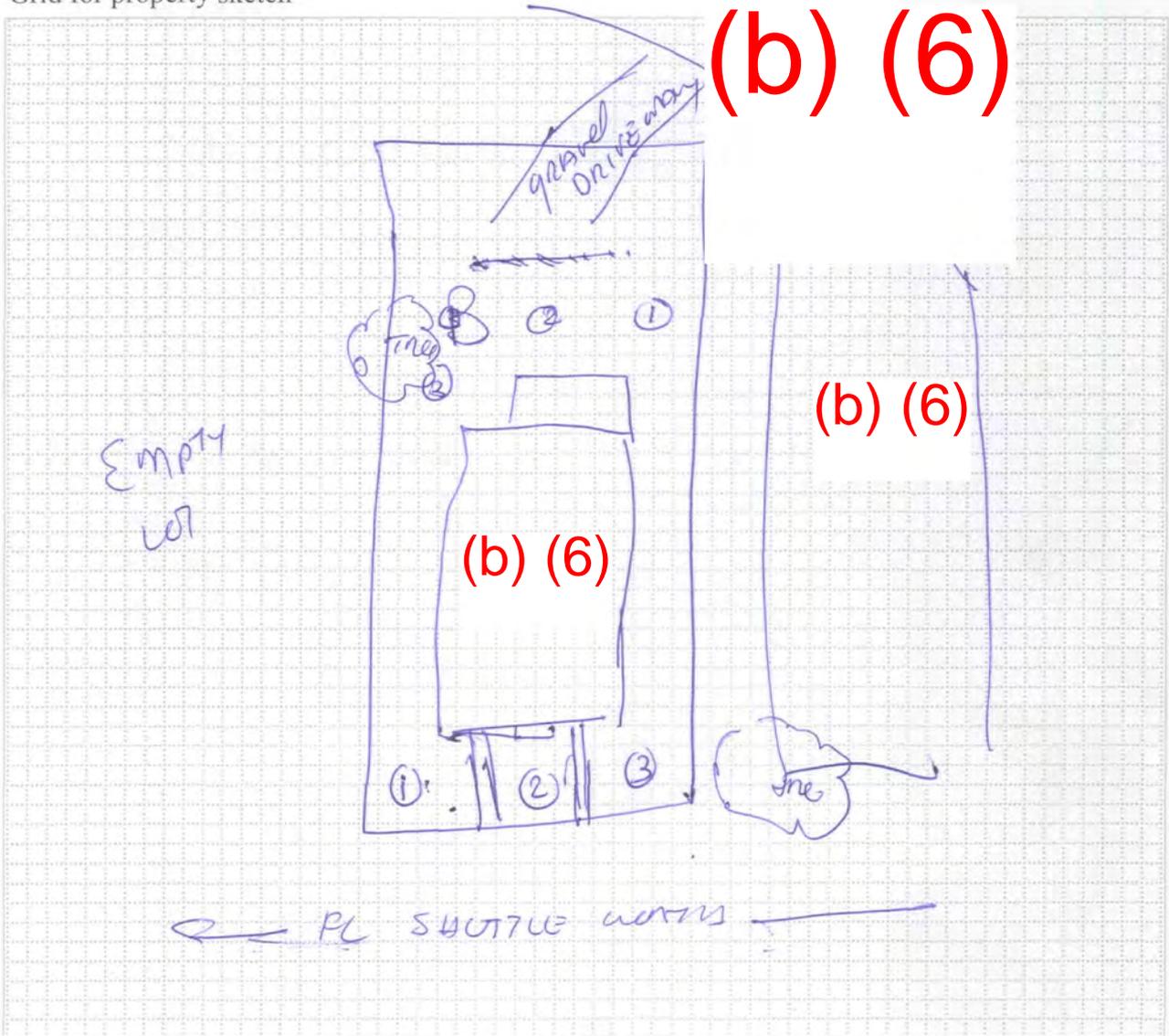
PROPERTY COMMENTS:

- NO RESIDENT - LOOKS ABANDONED

- MAIL BOX ACTUALLY ON (b) (6)

- GRAVEL GRASS SURFACE

Grid for property sketch



STATION ID: HPO299A

SAMPLE ID: HPO299A-CS-SP

SAMPLE COLLECTION TIME: 1527

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

front yard 3 Aliquots

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO299A-CS-SP

GPS Coordinates: Trimble [] Instrument #: Pine 016144 Logged? Y or N

Aliquot #1: Latitude: 33.56633682 N Longitude: 86.79534537 W
Media description: DARK BROWN SANDY SILT

Aliquot #2: Latitude: 33.56631779 N Longitude: 86.79540352 W
Media description: same as #1

Aliquot #3: Latitude: 33.56630686 N Longitude: 86.79543402 W
Media description: same as #1

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

Aliquot #5: Latitude: _____ N Longitude: _____ W
Media description: ~~same as #1~~

STATION ID: HPO299B

SAMPLE ID: HPO299B-CS-SB

SAMPLE COLLECTION TIME: 1535

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

BACK YARD, 3 Aliquots

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO299B-CS-SP

GPS Coordinates: Trimble [] Instrument #: Pine 016144 Logged? Y or N

Aliquot #1: Latitude: 33.56607973 N Longitude: 86.79530599 W
Media description: TAN SAND & GRAVEL

Aliquot #2: Latitude: 33.56609075 N Longitude: 86.79525050 W
Media description: _____

Aliquot #3: Latitude: 33.56612351 N Longitude: 86.79522191 W
Media description: _____

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

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

(b) (6)

ADDRESS:

PROPERTY ID: FM 0308

DATE: 5-30-13

ARRIVAL TIME: 09:30

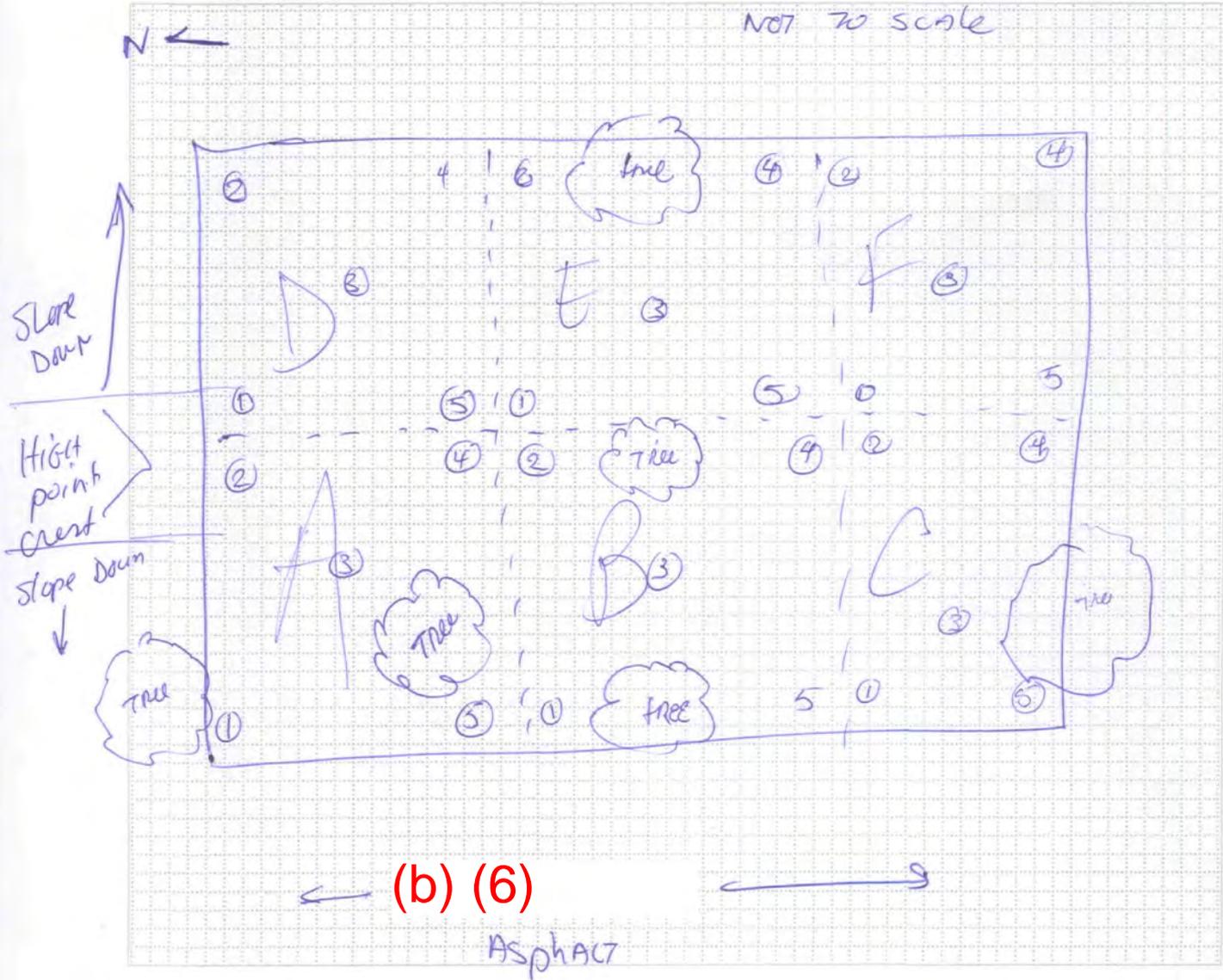
Other pertinent information (weather conditions, etc.):

PARTLY Cloudy, chance of RAIN, 72°F H/L 86/64
ISOLATED STORMS

PROPERTY COMMENTS:

- OPEN FIELD - (27,772 SQ FT)

Grid for property sketch



STATION ID: Fm 0308 A SAMPLE ID: Fm0308A-ES

SAMPLE COLLECTION TIME: 0856

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
1st floor grass vegetation cover

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

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: Fm0308A-ES-D

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #: <u>Pine 016144</u> Logged? Y or N			
Aliquot #1: Latitude: <u>33.56415401</u>	N Longitude: <u>86.81253883</u>		W
Media description: <u>dark brown sandy silt</u>			
Aliquot #2 Latitude: <u>33.56414830</u>	N Longitude: <u>86.81233477</u>		W
Media description: <u>brown silt</u>			
Aliquot #3: Latitude: <u>33.56407532</u>	N Longitude: <u>86.81243476</u>		W
Media description: <u>light brown sandy silt</u>			
Aliquot #4: Latitude: <u>33.56396824</u>	N Longitude: <u>86.81234387</u>		W
Media description: <u>brown silt</u>			
Aliquot #5: Latitude: <u>33.56396543</u>	N Longitude: <u>86.81255317</u>		W
Media description: <u>brown silt</u>			

STATION ID: Fm0308 B SAMPLE ID: Fm0308 B

SAMPLE COLLECTION TIME: 0920

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

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>Pine 016144</u> Logged? Y or N			
Aliquot #1: Latitude: <u>33.56395602</u>	N Longitude: <u>86.81255457</u>		W
Media description: <u>light brown silt</u>			
Aliquot #2 Latitude: <u>33.56395278</u>	N Longitude: <u>86.81234598</u>		W
Media description: <u>SAME AS #1</u>			
Aliquot #3: Latitude: <u>33.56389082</u>	N Longitude: <u>86.81247549</u>		W
Media description: <u>SAME AS #1</u>			
Aliquot #4: Latitude: <u>33.56382205</u>	N Longitude: <u>86.81234221</u>		W
Media description: <u>SAME AS #1</u>			
Aliquot #5: Latitude: <u>33.56382940</u>	N Longitude: <u>86.81255196</u>		W
Media description: <u>SAME AS #1</u>			

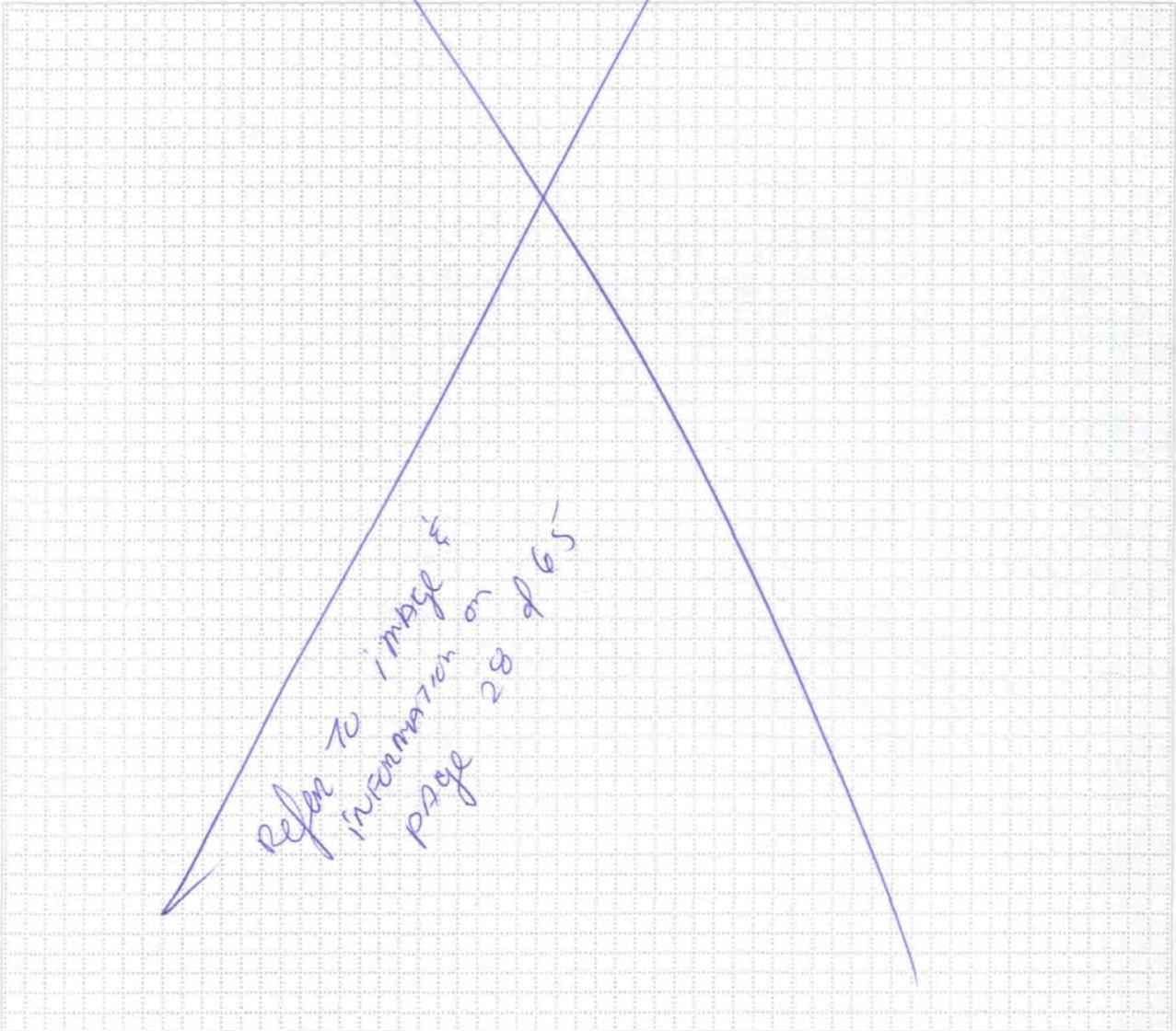
ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm 308C

SAMPLE ID: Fm 308C-ES

SAMPLE COLLECTION TIME: 0933

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

GRASS VEGETATION

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 [M] Instrument #: <u>PINE 016144</u> Logged? Y or N			
Aliquot #1: Latitude: <u>33.56381037</u>	N Longitude	<u>86.81254867</u>	W
Media description: <u>light brown silt</u>			
Aliquot #2 Latitude: <u>33.56380384</u>	N Longitude	<u>86.81234167</u>	W
Media description: <u>sample #1</u>			
Aliquot #3: Latitude: <u>33.56372730</u>	N Longitude	<u>86.81246122</u>	W
Media description: <u>same as #1</u>			
Aliquot #4: Latitude: <u>33.56364965</u>	N Longitude	<u>86.81234046</u>	W
Media description: <u>same as #1</u>			
Aliquot #5: Latitude: <u>33.56366787</u>	N Longitude	<u>86.81254503</u>	W
Media description: <u>same as #1</u>			

STATION ID: Fm 308D

SAMPLE ID: Fm 308D-ES

SAMPLE COLLECTION TIME: 0944

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

GRASS VEGETATION

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 #: <u>PINE 016144</u> Logged? <u>Y</u> or N			
Aliquot #1: Latitude: <u>33.56415040</u>	N Longitude	<u>86.81231760</u>	W
Media description: <u>brown silt</u>			
Aliquot #2 Latitude: <u>33.56415105</u>	N Longitude	<u>86.81210791</u>	W
Media description: <u>same as #1 with CORAL FRAGMENTS</u>			
Aliquot #3: Latitude: <u>33.56406897</u>	N Longitude	<u>86.81217685</u>	W
Media description: <u>same as #1</u>			
Aliquot #4: Latitude: <u>33.56395911</u>	N Longitude	<u>86.81211622</u>	W
Media description: <u>same as #1</u>			
Aliquot #5: Latitude: <u>33.56395864</u>	N Longitude	<u>86.81232890</u>	W
Media description: <u>tan sandy silt</u>			

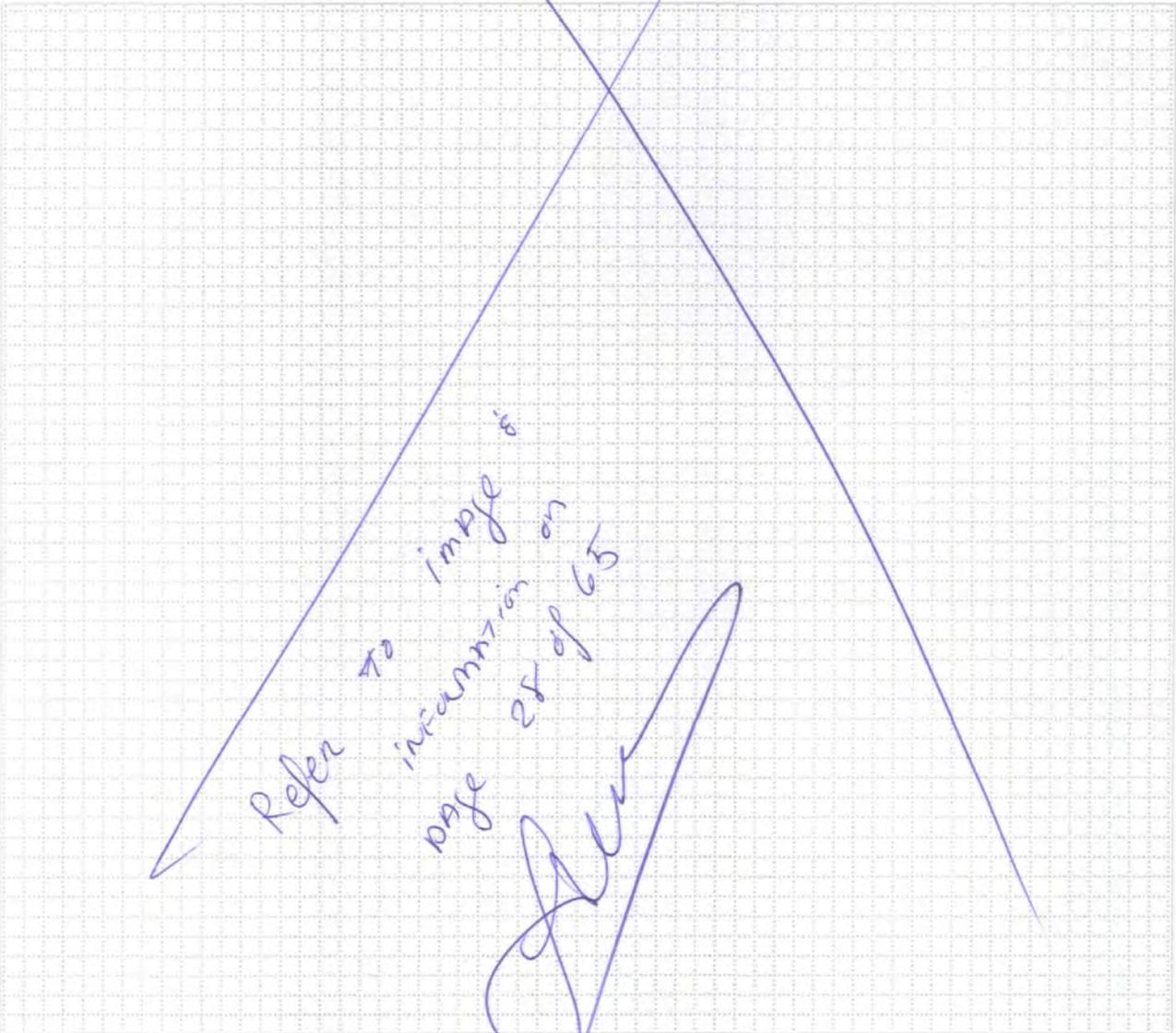
ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm 308

SAMPLE ID: Fm 308e

SAMPLE COLLECTION TIME: 0953

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

GRASS VEGETATION

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>PINE 016144</u>		Logged? Y or N	
Aliquot #1: Latitude: <u>33.56394679</u>	N Longitude	<u>86.81232632</u>	W
Media description: <u>TAN SILT</u>			
Aliquot #2: Latitude: <u>33.56395104</u>	N Longitude	<u>86.81210947</u>	W
Media description: <u>Brown SILT</u>			
Aliquot #3: Latitude: <u>33.56386270</u>	N Longitude	<u>86.81222074</u>	W
Media description: <u>Brown SILT</u>			
Aliquot #4: Latitude: <u>33.56380605</u>	N Longitude	<u>86.81212137</u>	W
Media description: <u>Brown SILT</u>			
Aliquot #5: Latitude: <u>33.56381859</u>	N Longitude	<u>86.81232947</u>	W
Media description: <u>TAN SILT</u>			

STATION ID: Fm 308

SAMPLE ID: Fm 308 F

SAMPLE COLLECTION TIME: 1000

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

GRASS VEGETATION

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>PINE 016144</u>		Logged? Y or N	
Aliquot #1: Latitude: <u>33.56380705</u>	N Longitude	<u>86.81232832</u>	W
Media description: <u>Light Brown SILT</u>			
Aliquot #2: Latitude: <u>33.56378117</u>	N Longitude	<u>86.81211841</u>	W
Media description: <u>Light Brown SILT</u>			
Aliquot #3: Latitude: <u>33.56372369</u>	N Longitude	<u>86.81223568</u>	W
Media description: <u>Light Brown SILT w/ gravel</u>			
Aliquot #4: Latitude: <u>33.56363557</u>	N Longitude	<u>86.81213001</u>	W
Media description: <u>Light Brown SILT w/ gravel</u>			
Aliquot #5: Latitude: <u>33.56364858</u>	N Longitude	<u>86.81232041</u>	W
Media description: <u>Light Brown SILT</u>			

(b) (6)

ADDRESS:

PROPERTY ID: CV1112

DATE: 5-30-13

ARRIVAL TIME: 10:25

Other pertinent information (weather conditions, etc.):

75°F sunny

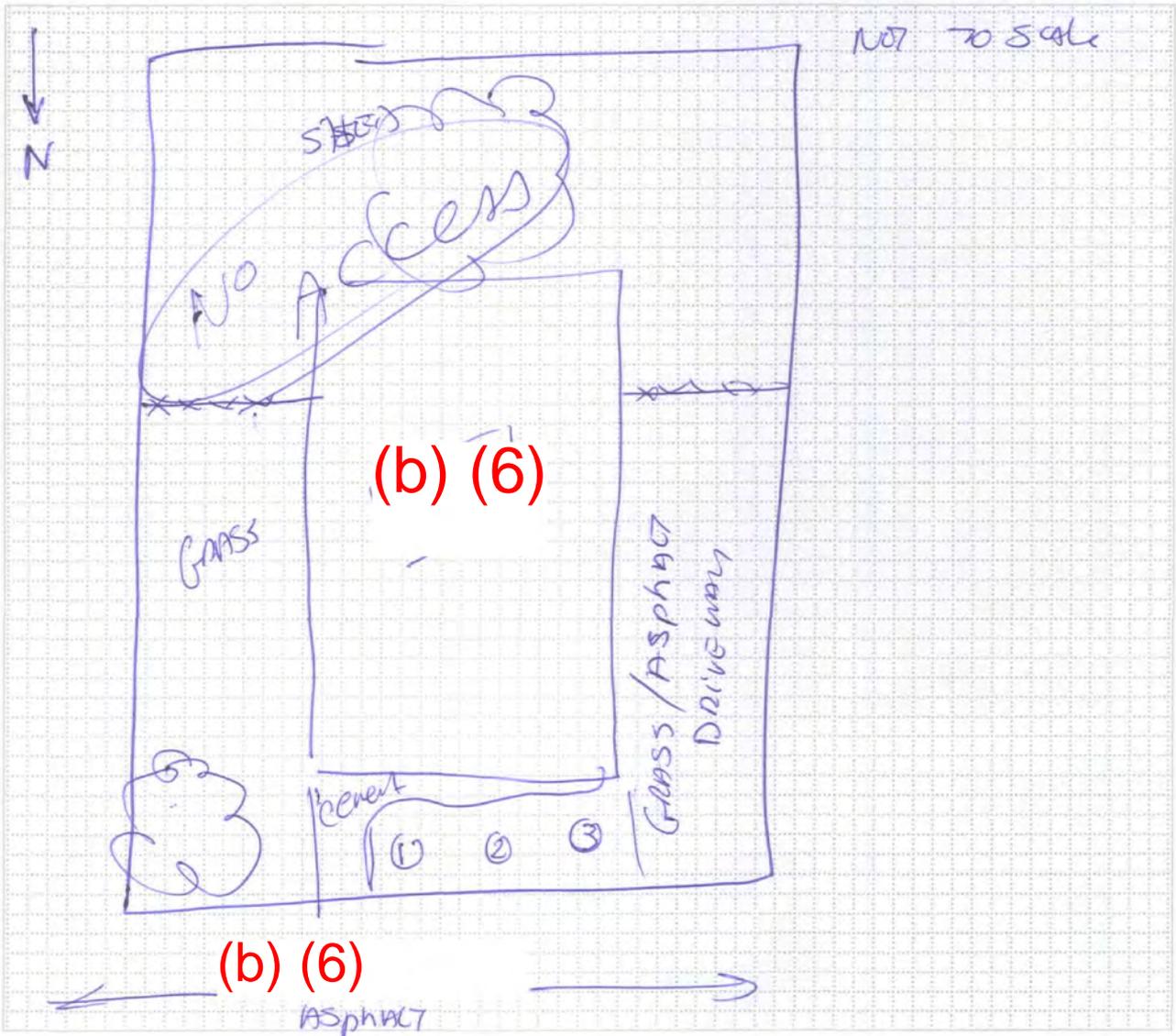
H/L 88/64 partly cloudy

PROPERTY COMMENTS:

RESIDENT AT HOME -

- REPORTS ONLY WAY TO GET TO BACK YARD IS THROUGH THE HOUSE - BACK IS FENCED OFF, F DOGS, GRAVEL & TREES -

Grid for property sketch



STATION ID: CV1112 SAMPLE ID: CV112 A

SAMPLE COLLECTION TIME: 1036

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

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #: <u>016144</u> Logged? Y or N
Aliquot #1: Latitude: <u>33.55022596</u> N Longitude <u>86.79664286</u> W Media description: <u>light brown silt w/gravel</u>
Aliquot #2: Latitude: <u>33.55022028</u> N Longitude <u>86.79467788</u> W Media description: <u>SAME as #1</u>
Aliquot #3: Latitude: <u>33.55022430</u> N Longitude <u>86.79670712</u> W Media description: <u>SAME as #1</u>
Aliquot #4: Latitude: _____ N Longitude _____ W Media description: _____
Aliquot #5: Latitude: _____ N Longitude _____ W Media description: _____

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

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

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

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

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

NO ACCESS

(b) (6)

ADDRESS:

PROPERTY ID:

CV 1167

DATE:

5-30-13

ARRIVAL TIME:

10:50

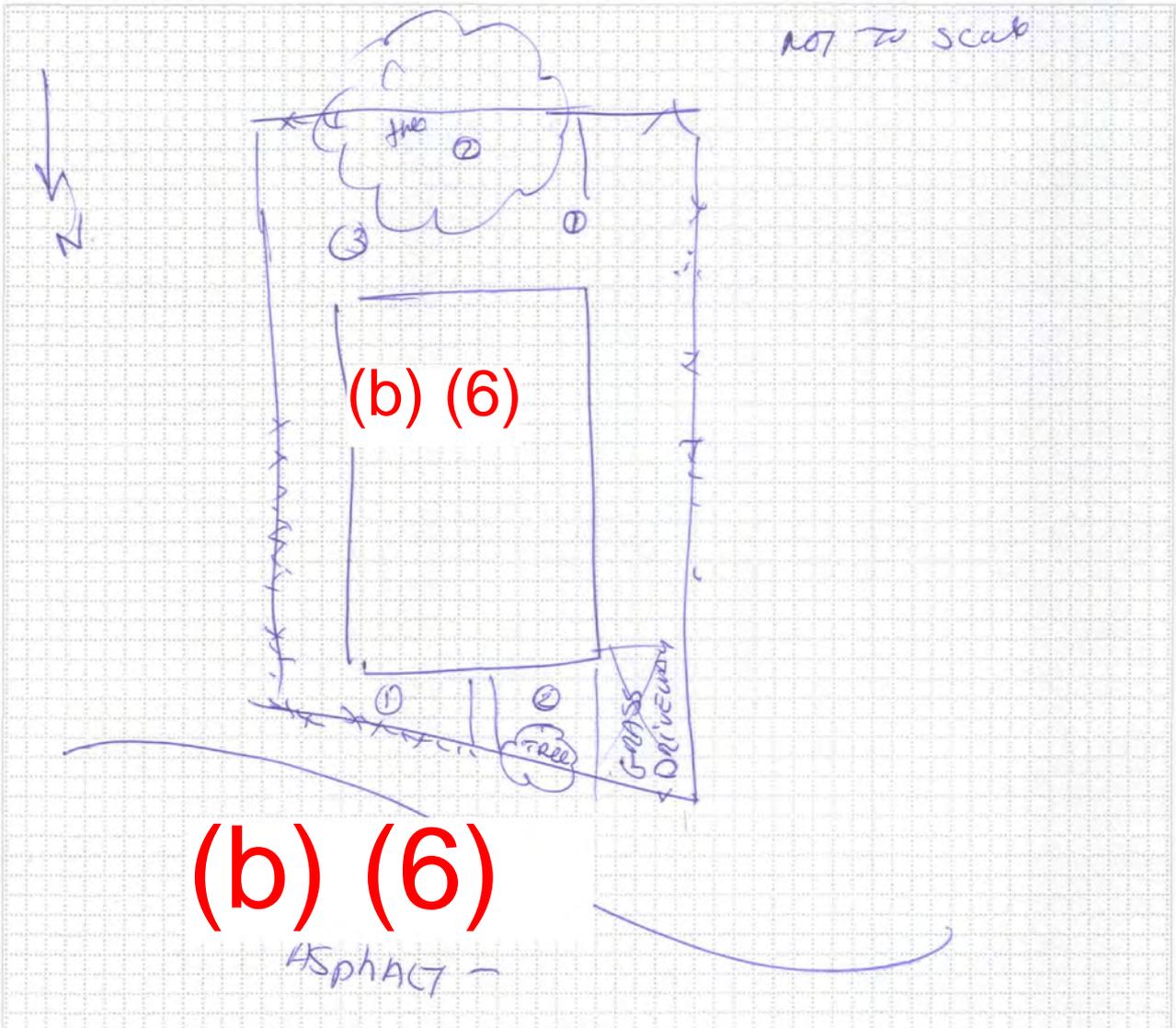
Other pertinent information (weather conditions, etc.):

75 partly cloudy -

PROPERTY COMMENTS:

NO ONE RESPONDED TO KNOCK ON DOOR

Grid for property sketch



(b) (6)

STATION ID: CV1167 SAMPLE ID: CV1167A

SAMPLE COLLECTION TIME: GRASS ^(w) 1059

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

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>PINE 016144</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.55066901</u> N Longitude: <u>86.79938204</u> W	
Media description: <u>brown clayee silt</u>	
Aliquot #2 Latitude: <u>33.55068020</u> N Longitude: <u>86.79943219</u> W	
Media description: <u>same as #1</u>	
Aliquot #3: Latitude: _____ N Longitude: _____ W	
Media description: _____	
Aliquot #4: Latitude: _____ N Longitude: _____ W	
Media description: _____	
Aliquot #5: Latitude: _____ N Longitude: _____ W	
Media description: _____	

STATION ID: CV1167 SAMPLE ID: CV1167B

SAMPLE COLLECTION TIME: 1103

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>PINE 016144</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.55055462</u> N Longitude: <u>86.79945388</u> W	
Media description: <u>dark brown clayee silt w/coal fragments +slag</u>	
Aliquot #2 Latitude: <u>33.55052051</u> N Longitude: <u>86.79941528</u> W	
Media description: <u>same as #1</u>	
Aliquot #3: Latitude: <u>33.55055683</u> ^(w) Longitude: <u>86.79936958</u> W	
Media description: <u>same as #1 (33.55055683)</u>	
Aliquot #4: Latitude: _____ N Longitude: _____ W	
Media description: _____	
Aliquot #5: Latitude: _____ N Longitude: _____ W	
Media description: _____	

STATION ID: CV1285 SAMPLE ID: CV1285 A

SAMPLE COLLECTION TIME: 1320

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
FRONT YARD, COVER 3405 & 3409

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 #: PINX 016144 Logged? Y or N

Aliquot #1: Latitude: 33.55258966 N Longitude 86.79788460 W
Media description: Light Brown SANDY SILT w/ gravel & COAL FRAGMENTS

Aliquot #2: Latitude: 33.55259468 N Longitude 86.79793169 W
Media description: SAME AS #1

Aliquot #3: Latitude: 33.55259624 N Longitude 86.79797457 W
Media description: SAME AS #1

Aliquot #4: Latitude: 33.55259641 N Longitude 86.79802357 W
Media description: SAME AS #1

Aliquot #5: Latitude: 33.55259841 N Longitude 86.79809386 W
Media description: SAME AS #1

STATION ID: CV1285 SAMPLE ID: CV1285 B

SAMPLE COLLECTION TIME: 1330

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
BACK YARD of 3409 30th AVE -

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 #: PINX 016144 Logged? Y or N

Aliquot #1: Latitude: 33.55239402 N Longitude 86.79788499 W
Media description: Brown SANDY SILT WITH COAL & DEBRIS FRAGMENTS

Aliquot #2: Latitude: 33.55231810 N Longitude 86.79789877 W
Media description: SAME AS #1

Aliquot #3: Latitude: 33.55235814 N Longitude 86.79793287 W
Media description: SAME AS #1

Aliquot #4: Latitude: 33.55231220 N Longitude 86.79798056 W
Media description: SAME AS #1

Aliquot #5: Latitude: 33.55241467 N Longitude 86.79798963 W
Media description: SAME AS #1

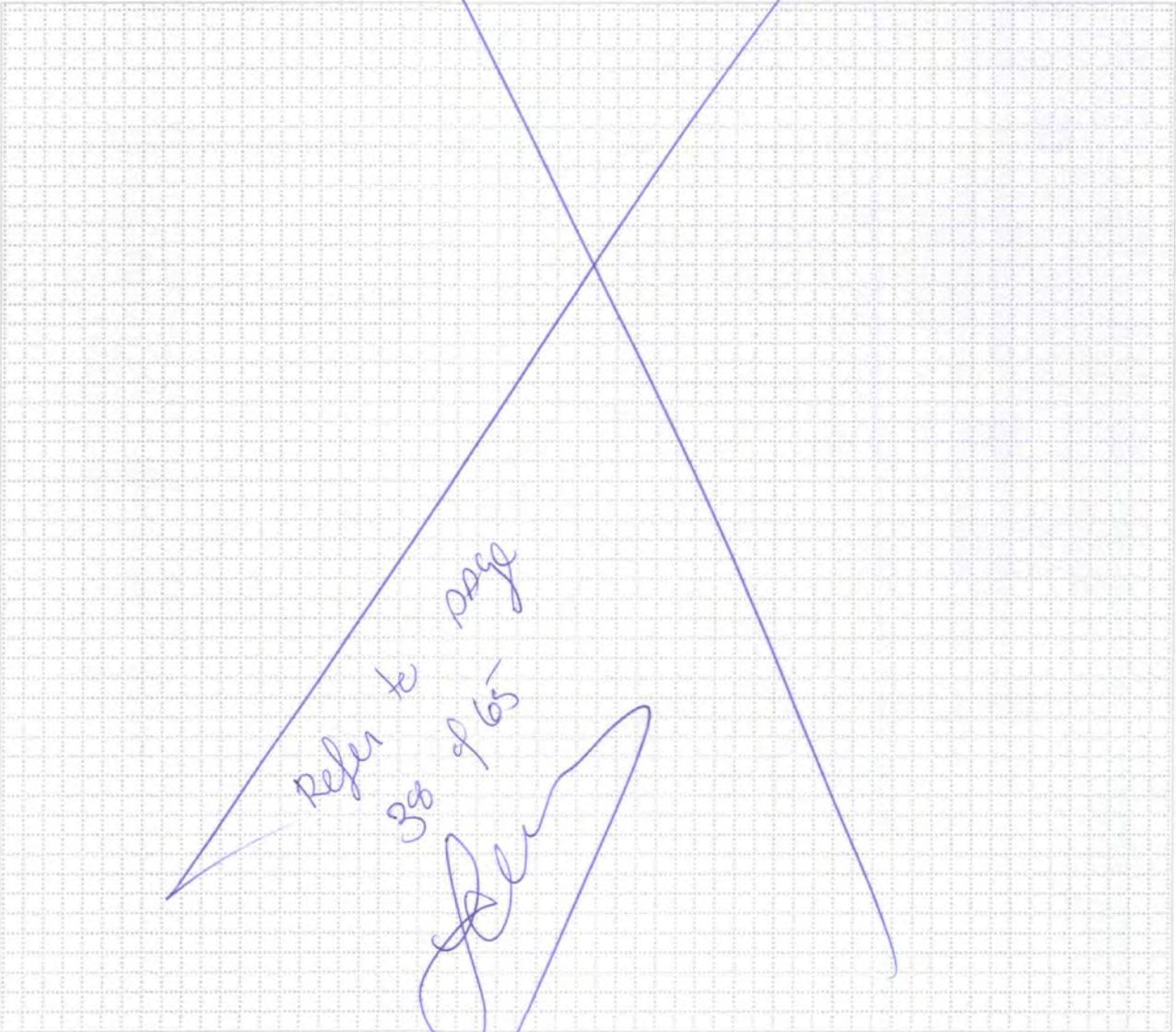
ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



*Refer to page
38 of 65*

[Handwritten signature]

STATION ID: CV1285 SAMPLE ID: CV1285C

SAMPLE COLLECTION TIME: 1335

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):
BACK YARD - of 3405 30th AVE N.

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>PINE 06144</u> Logged? Y or N	
Aliquot #1: Latitude: <u>33.55241740</u> N Longitude: <u>86.79800607</u> W	Media description: <u>Brown SANDY SILT w/ COAL FRAGMENTS & GRAVEL</u>
Aliquot #2: Latitude: <u>33.55233498</u> N Longitude: <u>86.79800164</u> W	Media description: <u>SAME AS #1</u>
Aliquot #3: Latitude: <u>33.55237072</u> N Longitude: <u>86.79806082</u> W	Media description: <u>SAME AS #1</u>
Aliquot #4: Latitude: <u>33.55232438</u> N Longitude: <u>86.79809647</u> W	Media description: <u>SAME AS #1</u>
Aliquot #5: Latitude: <u>33.55240513</u> N Longitude: <u>86.79809988</u> W	Media description: <u>SAME AS #1</u>

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

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

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

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

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

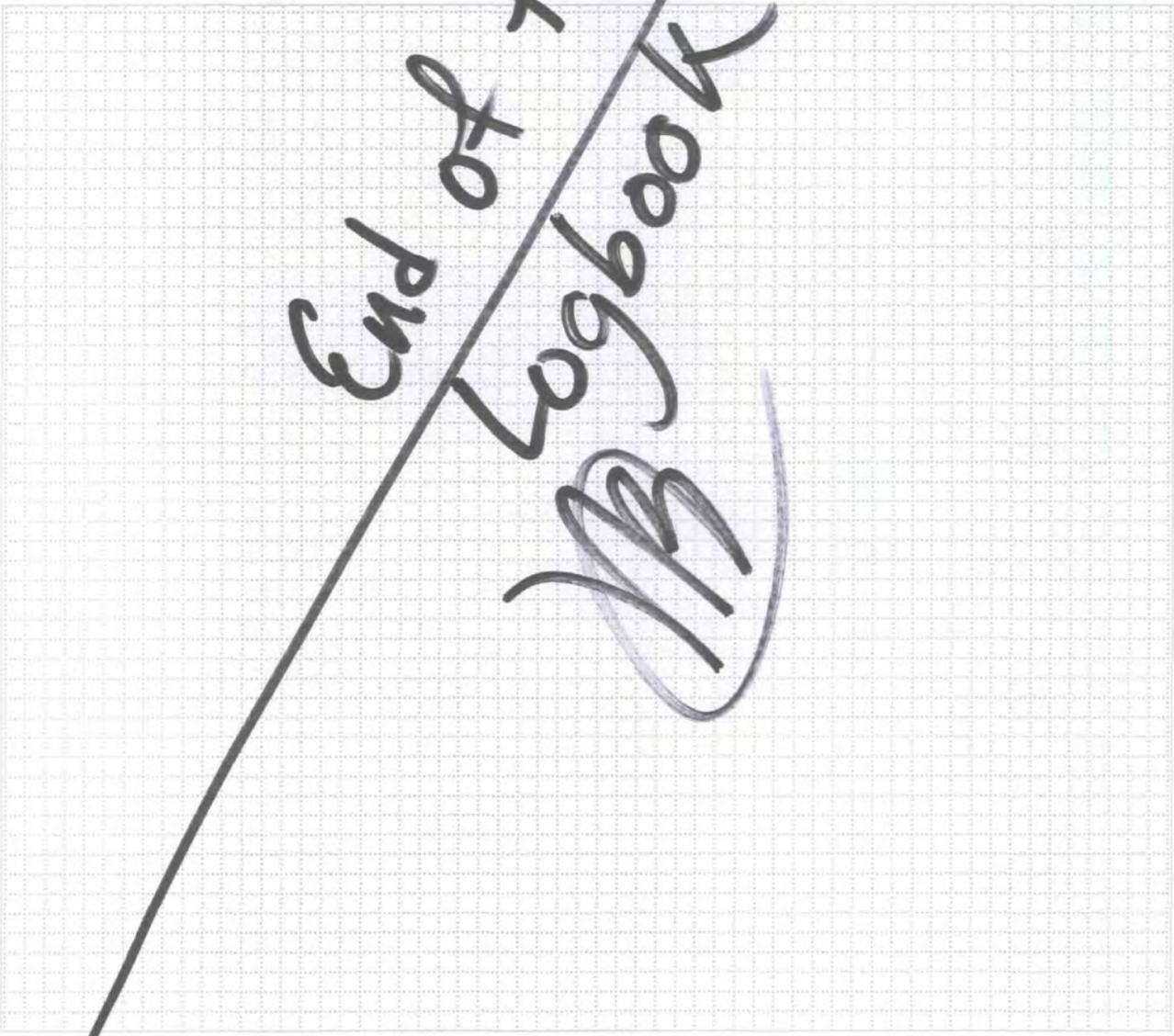
ADDRESS: _____ PROPERTY ID: _____

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.