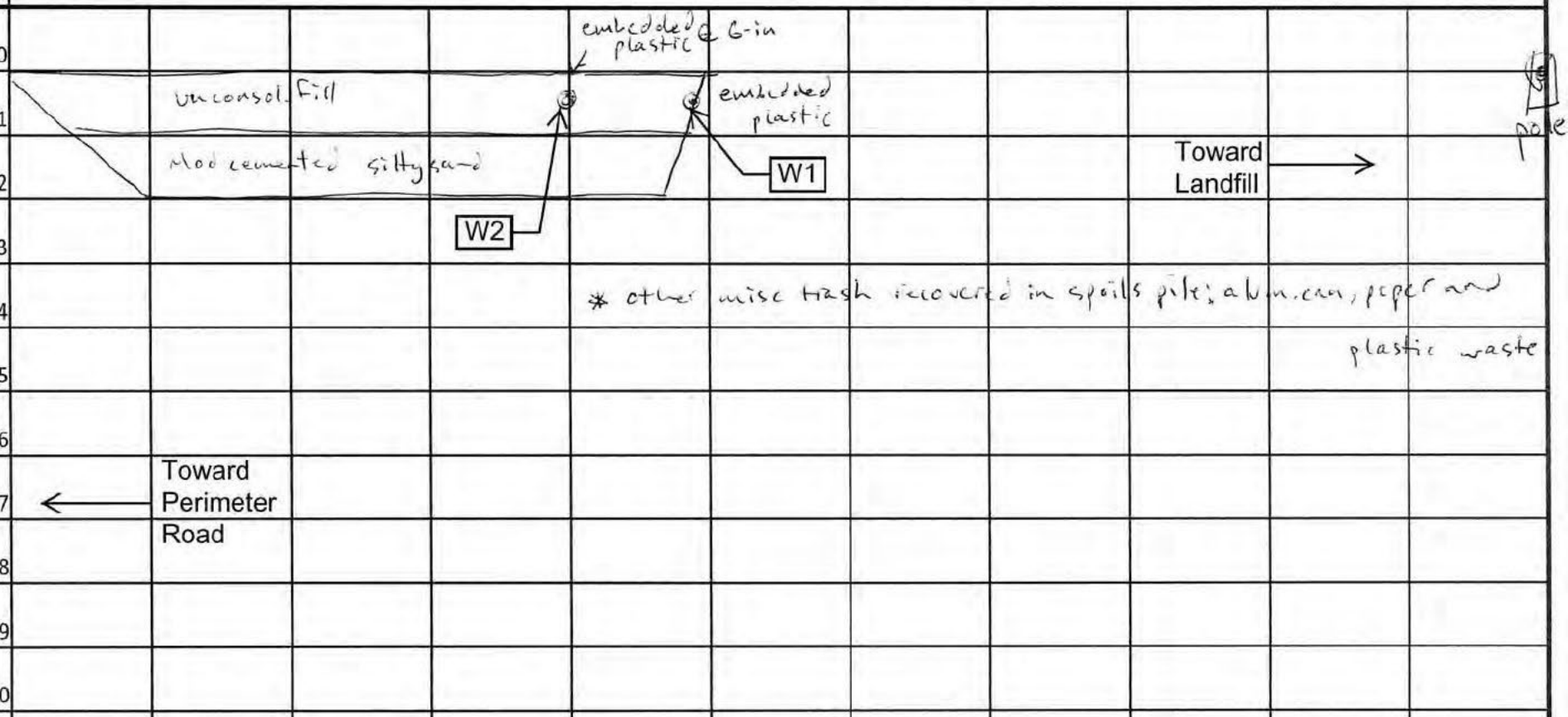
[redacted]

Test Trench Log - Fort Bliss Landfill - Perimeter X or Interior ____

Project Name and No.: MSWLF - Limit of Waste Investigation, Fort Bliss, TX		Test Pit No. TT20-28 Direction Advanced W
Date Excavated: 5-20-21	**Weather:** windy, hot	
Date Backfilled: 5-20-21	**Weather:** 93°F	Start Location: N ____ E ____ El. ____
Contractor: [redacted]	**Machine:** Case 580 N	
Operator: [redacted]	**Bucket Width:** 2 ft	**Logged By:** [redacted]

Depth (ft): Sketch - Clearly locate and label: 1) depth to waste; 2) limit of waste; 3) materials encountered; 4) soil characteristics; 5) other observations



Depth (ft):	0	1	2	3	4	5	6	7	8	9	10

Width (ft):	0	2	4	6	8	10	12	14	16	18	20

USCS characterization of soils encountered: GW, SM Sample Taken: No

GPS coordinates of limit of waste or depth to waste (circle): N ____ E ____ EL. ____ Trimble Unit No. ____

Preliminary field notes with approximate hand measurements.
Survey at a later date used for landfill design purposes.

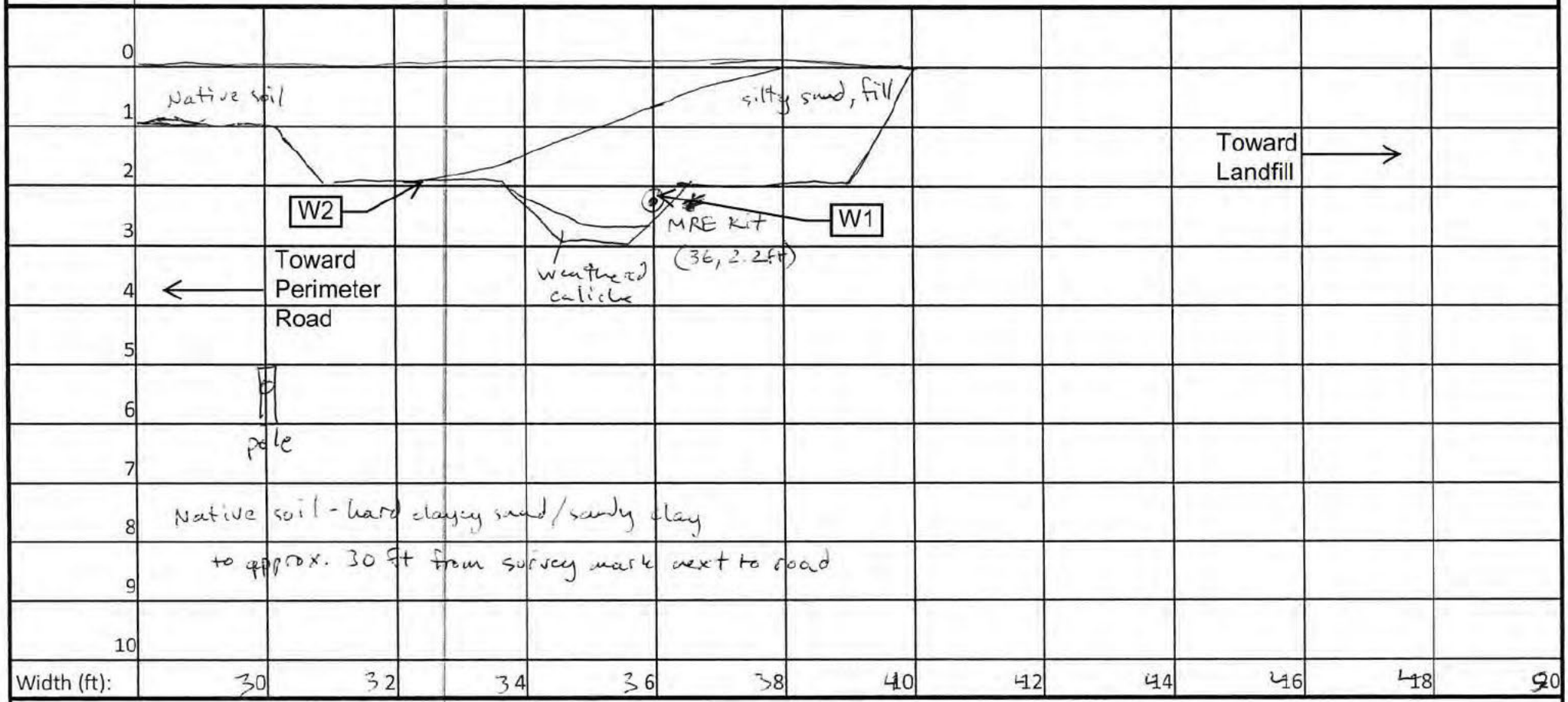
West →

[redacted]

Test Trench Log - Fort Bliss Landfill - Perimeter X or Interior ____

Project Name and No.: MSWLF - Limit of Waste Investigation, Fort Bliss, TX		Test Pit No. TT20-29 Direction Advanced W
Date Excavated: 5-20-21	**Weather:** Windy, hot	
Date Backfilled: 5-20-21	**Weather:** 93°F	Start Location: N____ E____ El.____
Contractor: [redacted]	**Machine:** Case 580 N	
Operator: [redacted]	**Bucket Width:** 2 ft	**Logged By:** [redacted]

Depth (ft): Sketch - Clearly locate and label: 1) depth to waste; 2) limit of waste; 3) materials encountered; 4) soil characteristics; 5) other observations



USCS characterization of soils encountered: GW, SM Sample Taken: No

GPS coordinates of limit of waste or depth to waste (circle): N____ E____ EL.____ Trimble Unit No.____

Preliminary field notes with approximate hand measurements.
Survey at a later date used for landfill design purposes.

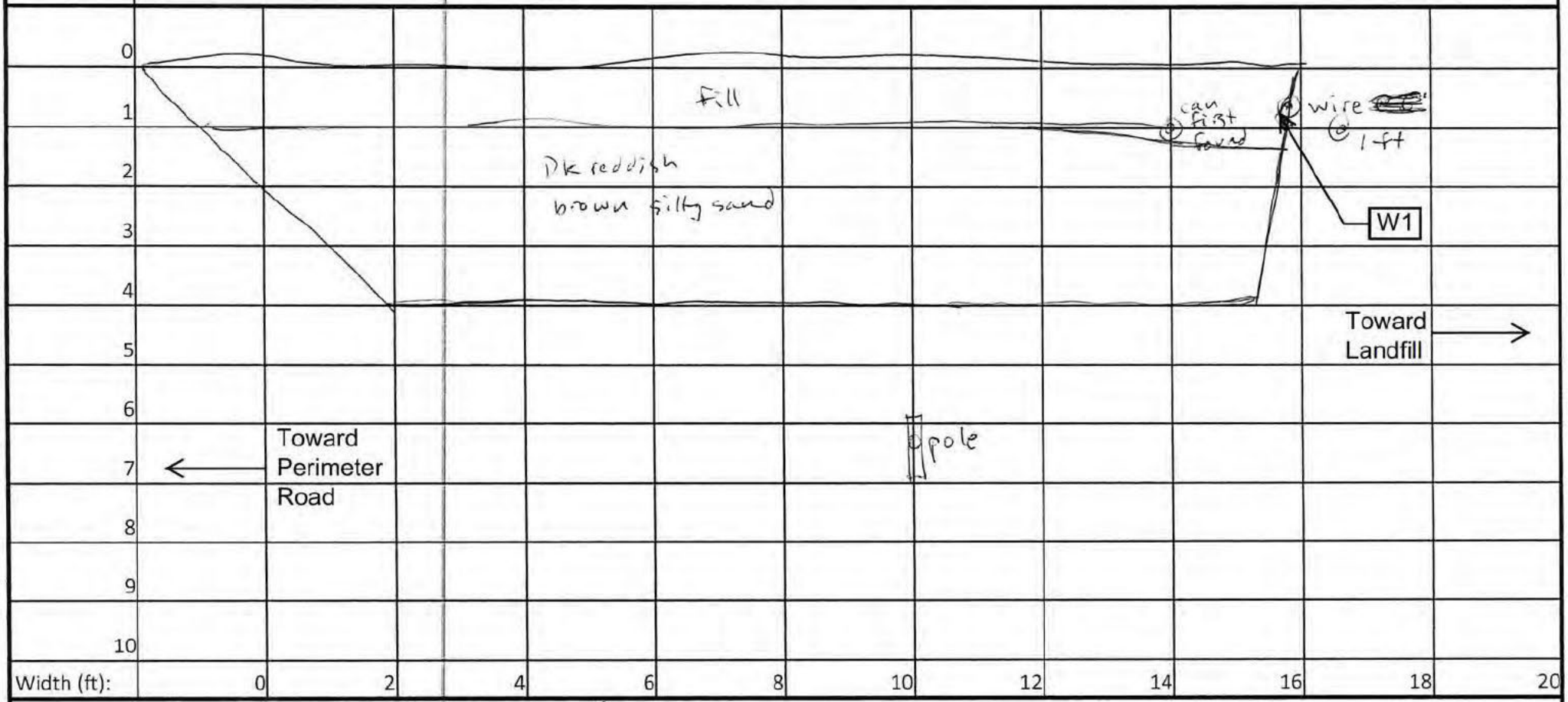
West →

[redacted]

Test Trench Log - Fort Bliss Landfill - Perimeter X or Interior ____

Project Name and No.: MSWLF - Limit of Waste Investigation, Fort Bliss, TX		Test Pit No. TT20-30 Direction Advanced W
Date Excavated: 5-20-21	**Weather:** Windy, hot	
Date Backfilled: 5-20-21	**Weather:** 93°F	Start Location: N ____ E ____ El. ____
Contractor: [redacted]	**Machine:** Case 580 N	
Operator: [redacted]	**Bucket Width:** 2 ft	**Logged By:** [redacted]

Depth (ft): Sketch - Clearly locate and label: 1) depth to waste; 2) limit of waste; 3) materials encountered; 4) soil characteristics; 5) other observations



USCS characterization of soils encountered: GW, 2nd SM Sample Taken: No

GPS coordinates of limit of waste or depth to waste (circle): N ____ E ____ EL. ____ Trimble Unit No. ____

West →

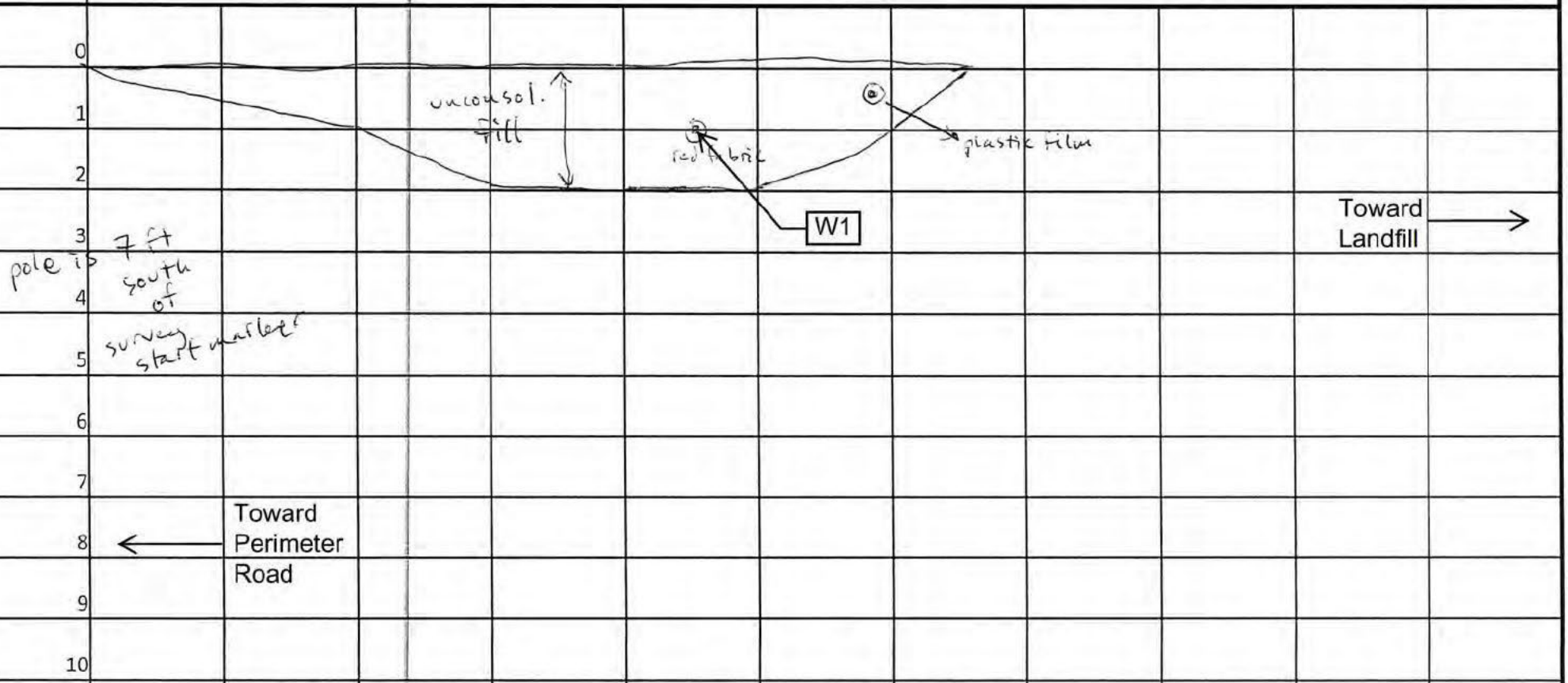
Preliminary field notes with approximate hand measurements. Survey at a later date used for landfill design purposes.

[redacted]

Test Trench Log - Fort Bliss Landfill - Perimeter X or Interior ____

Project Name and No.: MSWLF - Limit of Waste Investigation, Fort Bliss, TX		Test Pit No. TT20-31 Direction Advanced NW
Date Excavated: 5-20-21	**Weather:** windy, hot	
Date Backfilled: 5-20-21	**Weather:** 93°F	Start Location: N ____ E ____ El. ____
Contractor: [redacted]	**Machine:** Case 580N	
Operator: [redacted]	**Bucket Width:** 2 ft	**Logged By:** [redacted]

Depth (ft): Sketch - Clearly locate and label: 1) depth to waste; 2) limit of waste; 3) materials encountered; 4) soil characteristics; 5) other observations



USCS characterization of soils encountered: GW Sample Taken: No

GPS coordinates of limit of waste or depth to waste (circle): N ____ E ____ EL. ____ Trimble Unit No. ____

Preliminary field notes with approximate hand measurements.
Survey at a later date used for landfill design purposes.

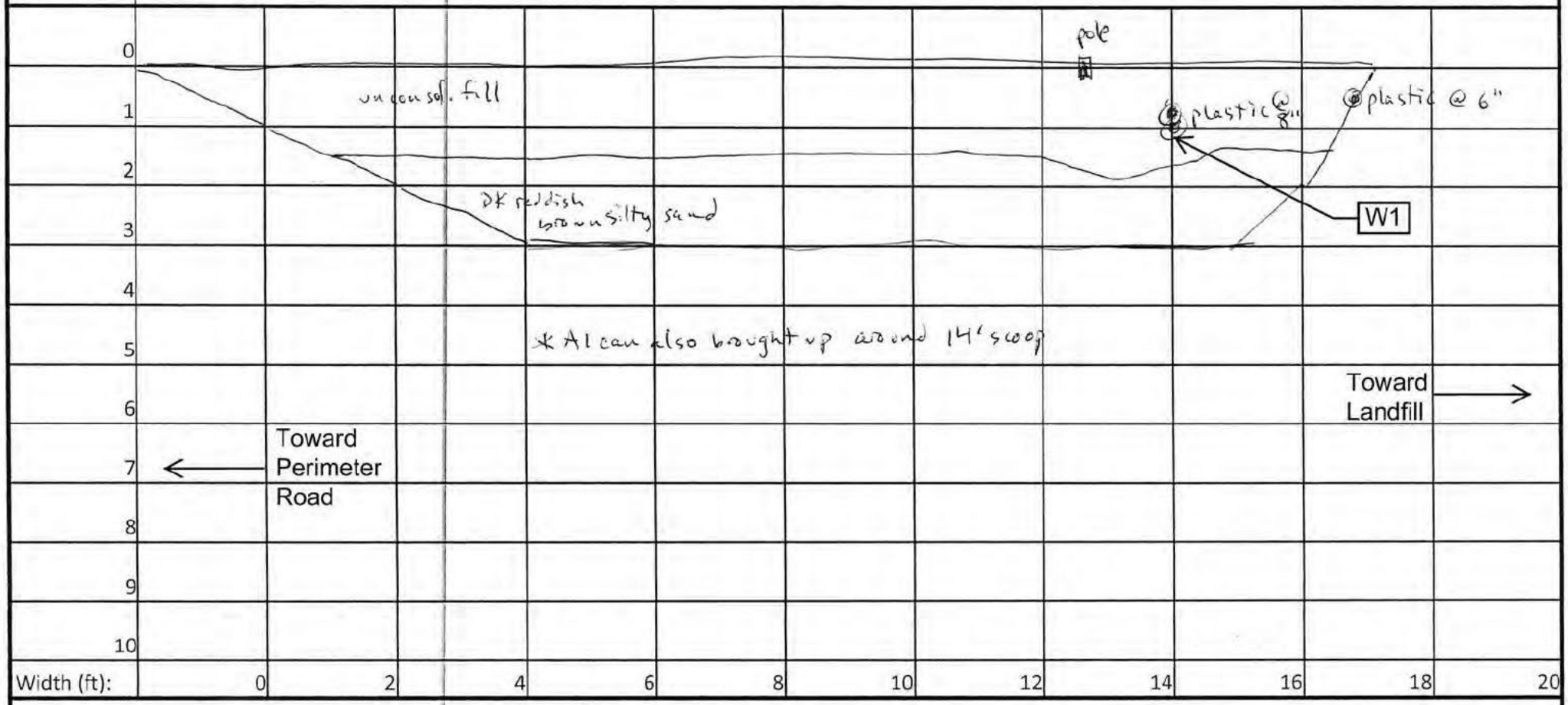
NW →

[redacted]

Test Trench Log - Fort Bliss Landfill - Perimeter X or Interior ____

Project Name and No.: MSWLF - Limit of Waste Investigation, Fort Bliss, TX	Test Pit No. TT20-32 Direction Advanced N
Date Excavated: 5-20-21 **Weather:** Windy, hot	
Date Backfilled: 5-20-21 **Weather:** 93°F	Start Location: N ____ E ____ El. ____
Contractor: [redacted] **Machine:** Case 580 N	
Operator: [redacted] **Bucket Width:** 2 ft	**Logged By:** [redacted]

Depth (ft): Sketch - Clearly locate and label: 1) depth to waste; 2) limit of waste; 3) materials encountered; 4) soil characteristics; 5) other observations



USCS characterization of soils encountered: GW, SM Sample Taken: No

GPS coordinates of limit of waste or depth to waste (circle): N ____ E ____ EL. ____ Trimble Unit No. ____

Preliminary field notes with approximate hand measurements.
Survey at a later date used for landfill design purposes.

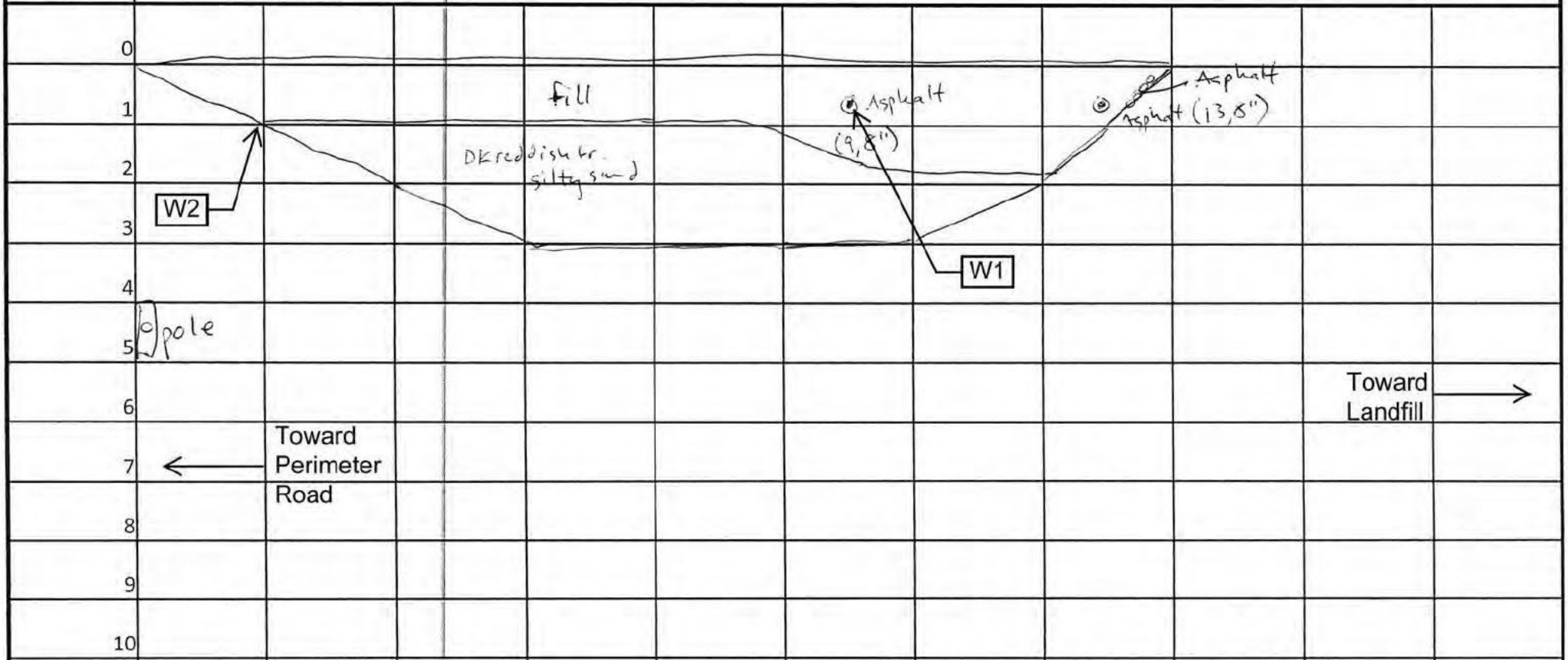
N →

[redacted]

Test Trench Log - Fort Bliss Landfill - Perimeter X or Interior ____

Project Name and No.: MSWLF - Limit of Waste Investigation, Fort Bliss, TX		Test Pit No. TT20-33 Direction Advanced NE
Date Excavated: 5-20-21	**Weather:** Windy, hot	
Date Backfilled: 5-20-21	**Weather:** 90°F	Start Location: N____ E____ El.____
Contractor: [redacted]	**Machine:** Case 580 N	
Operator: [redacted]	**Bucket Width:** 2 ft	**Logged By:** [redacted]

Depth (ft): Sketch - Clearly locate and label: 1) depth to waste; 2) limit of waste; 3) materials encountered; 4) soil characteristics; 5) other observations



USCS characterization of soils encountered: GW, SM Sample Taken: No

GPS coordinates of (limit of waste) or depth to waste (circle): N____ E____ EL.____ Trimble Unit No.____

Preliminary field notes with approximate hand measurements.
Survey at a later date used for landfill design purposes.

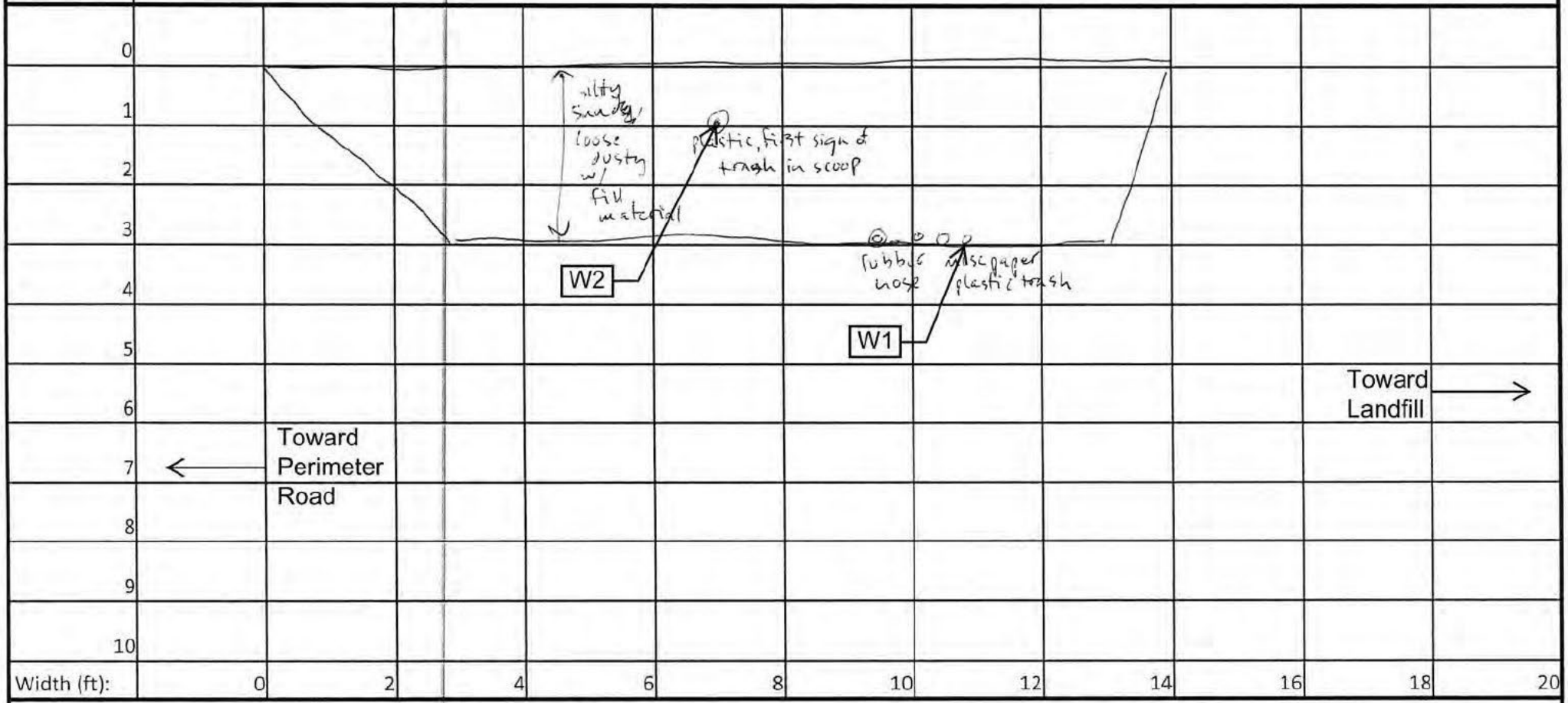
NE →

[redacted]

Test Trench Log - Fort Bliss Landfill - Perimeter X or Interior ____

Project Name and No.: MSWLF - Limit of Waste Investigation, Fort Bliss, TX		Test Pit No. TT20-34	Direction Advanced E
Date Excavated: 5-20-21	**Weather:** Windy, hot		
Date Backfilled: 5-20-21	**Weather:** 93°F	Start Location: N____ E____ El.____	
Contractor: [redacted]	**Machine:** Case 580 N		
Operator: [redacted]	**Bucket Width:** 2 ft	**Logged By:** [redacted]	

Depth (ft): Sketch - Clearly locate and label: 1) depth to waste; 2) limit of waste; 3) materials encountered; 4) soil characteristics; 5) other observations



USCS characterization of soils encountered: GW/SM Sample Taken: No

GPS coordinates of limit of waste or depth to waste (circle): N____ E____ EL.____ Trimble Unit No.____

Preliminary field notes with approximate hand measurements.
Survey at a later date used for landfill design purposes.

E →

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A2. Interior Trench Logs

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[redacted]

Test Trench Log - Fort Bliss Landfill - Perimeter_____or Interior X

Project Name and No.: MSWLF - Limit of Waste Investigation, Fort Bliss, TX

Test Pit No. JT20-01 Direction Advanced Down

Date Excavated: 5-17-21 **Weather:** Breezy, 85°F

Date Backfilled: 5-17-21 **Weather:** "

Start Location: N_____ E_____ El._____

Contractor [redacted] **Machine:** Case 580N

Operator: [redacted] **Bucket Width:** 2 ft **Logged By:** [redacted]

Depth (ft):	Sketch - Clearly locate and label: 1) depth to waste; 2) limit of waste; 3) materials encountered; 4) soil characteristics; 5) other observations										
0	asphalt chunks at surface										
1	buried asphalt										
2											
3											
4											
5											
6											
7											
8											
9											
10											
Width (ft):	0	2	4	6	8	10	12	14	16	18	20

USCS characterization of soils encountered: GW Sample Taken: No

GPS coordinates of limit of waste or depth to waste (circle): N_____ E_____ EL._____ Trimble Unit No._____

[redacted]

Test Trench Log - Fort Bliss Landfill - Perimeter_____ or Interior X

Project Name and No.: MSWLF - Limit of Waste Investigation, Fort Bliss, TX		Test Pit No. IT20-02 Direction Advanced Down
Date Excavated: 5-17-21	**Weather:** Breezy, 85°F	
Date Backfilled: 5-17-21	**Weather:** "	Start Location: N_____ E_____ El._____
Contractor: [redacted]	**Machine:** Case 580N	
Operator: [redacted]	**Bucket Width:** 2 ft	**Logged By:** [redacted]

Depth (ft):	Sketch - Clearly locate and label: 1) depth to waste; 2) limit of waste; 3) materials encountered; 4) soil characteristics; 5) other observations										
0	some asphalt @ surface										
1	Buried asphalt to 6"										
2											
3											
4											
5											
6											
7											
8											
9											
10											
Width (ft):	0	2	4	6	8	10	12	14	16	18	20

USCS characterization of soils encountered: GW Sample Taken: No

GPS coordinates of limit of waste or depth to waste (circle): N_____ E_____ EL._____ Trimble Unit No._____

[redacted]

Test Trench Log - Fort Bliss Landfill - Perimeter_____or Interior X

Project Name and No.: MSWLF - Limit of Waste Investigation, Fort Bliss, TX

Test Pit No. IT20-03 Direction Advanced Down

Date Excavated: 5-18-21 **Weather:** Windy, clear, 65°F

Date Backfilled: 5-18-21 **Weather:** "

Start Location: N_____E_____El._____

Contractor: [redacted] **Machine:** Case 580 N

Operator: [redacted] **Bucket Width:** 2 ft **Logged By:** [redacted]

Depth (ft):	Sketch - Clearly locate and label: 1) depth to waste; 2) limit of waste; 3) materials encountered; 4) soil characteristics; 5) other observations										
0	Asphalt chunks on surface										
1	asphalt rubble	6"									
2	PVC										
3											
4											
5											
6											
7											
8											
9											
10											
Width (ft):	0	2	4	6	8	10	12	14	16	18	20

USCS characterization of soils encountered: GW Sample Taken: No

GPS coordinates of limit of waste or depth to waste (circle): N_____E_____EL._____Trimble Unit No._____

[redacted]

Test Trench Log - Fort Bliss Landfill - Perimeter_____or Interior X

Project Name and No.: MSWLF - Limit of Waste Investigation, Fort Bliss, TX

Test Pit No. IT20-04 Direction Advanced Down

Date Excavated: 5-18-21 **Weather:** windy, clear

Date Backfilled: 5-18-21 **Weather:** 70°F

Start Location: N_____ E_____ El._____

Contractor: [redacted] **Machine:** Case 580N

Operator: [redacted] **Bucket Width:** 2 ft **Logged By:** [redacted]

Depth (ft):	Sketch - Clearly locate and label: 1) depth to waste; 2) limit of waste; 3) materials encountered; 4) soil characteristics; 5) other observations										
0	Asphalt, plastic debris on surface										
1	Asphalt	and wood debris	6"								
2											
3											
4											
5											
6											
7											
8											
9											
10											
Width (ft):	0	2	4	6	8	10	12	14	16	18	20

USCS characterization of soils encountered: GW Sample Taken: No

GPS coordinates of limit of waste or depth to waste (circle): N_____ E_____ EL._____ Trimble Unit No._____

[redacted]

Test Trench Log - Fort Bliss Landfill - Perimeter_____or Interior X

Project Name and No.: MSWLF - Limit of Waste Investigation, Fort Bliss, TX

Test Pit No. IT20-05 Direction Advanced Down

Date Excavated: 5-18-21 **Weather:** windy, clear

Date Backfilled: 5-18-21 **Weather:** 70°F

Contractor: [redacted] **Machine:** Case 580N

Start Location: N_____ E_____ El._____

Operator: [redacted] **Bucket Width:** 2 ft

Logged By: [redacted]

Depth (ft):	Sketch - Clearly locate and label: 1) depth to waste; 2) limit of waste; 3) materials encountered; 4) soil characteristics; 5) other observations										
0	surface debris glass, metal, etc										
1	unconsol. fill										
2		rubber strap									
3											
4											
5											
6											
7											
8											
9											
10											
Width (ft):	0	2	4	6	8	10	12	14	16	18	20

USCS characterization of soils encountered: GW Sample Taken: No

GPS coordinates of limit of waste or depth to waste (circle): N_____ E_____ EL._____ Trimble Unit No._____

[redacted]

Test Trench Log - Fort Bliss Landfill - Perimeter_____ or Interior X

Project Name and No.: MSWLF - Limit of Waste Investigation, Fort Bliss, TX		Test Pit No. IT20-06 Direction Advanced Down
Date Excavated: 5-18-21	**Weather:** Breezy, clear	
Date Backfilled: 5-18-21	**Weather:** 72°F	Start Location: N_____ E_____ El._____
Contractor: [redacted]	**Machine:** Case 580 N	
Operator: [redacted]	**Bucket Width:** 2 ft	**Logged By:** [redacted]

Depth (ft):	Sketch - Clearly locate and label: 1) depth to waste; 2) limit of waste; 3) materials encountered; 4) soil characteristics; 5) other observations										
0	piece of heatstone	other wire debris, rebar									
1	unclean soil fill		@ plastic								
2											
3											
4											
5											
6											
7											
8											
9											
10											
Width (ft):	0	2	4	6	8	10	12	14	16	18	20

USCS characterization of soils encountered: GW Sample Taken: No

GPS coordinates of limit of waste or depth to waste (circle): N_____ E_____ EL._____ Trimble Unit No._____

[redacted]

Test Trench Log - Fort Bliss Landfill - Perimeter_____or Interior X

Project Name and No.: MSWLF - Limit of Waste Investigation, Fort Bliss, TX

Test Pit No. IT20-07 Direction Advanced Down

Date Excavated: 5-18-21 **Weather:** windy, clear 65°F

Date Backfilled: 5-18-21 **Weather:** "

Start Location: N_____E_____El._____

Contractor: [redacted] **Machine:** Case 580 N

Operator: [redacted] **Bucket Width:** 2 ft

Logged By: [redacted]

Depth (ft):	Sketch - Clearly locate and label: 1) depth to waste; 2) limit of waste; 3) materials encountered; 4) soil characteristics; 5) other observations										
0	surface trash, plastic glass										
1	plastic waste, other misc debris to 6 in		6"								
2											
3											
4											
5											
6											
7											
8											
9											
10											
Width (ft):	0	2	4	6	8	10	12	14	16	18	20

USCS characterization of soils encountered: GW Sample Taken: No

GPS coordinates of limit of waste or depth to waste (circle): N_____E_____EL._____Trimble Unit No._____

[redacted]

Test Trench Log - Fort Bliss Landfill - Perimeter_____or Interior X

Project Name and No.: MSWLF - Limit of Waste Investigation, Fort Bliss, TX		Test Pit No. IT20-08 Direction Advanced Down
Date Excavated: 5-17-21	**Weather:** windy, sunny 85°F	
Date Backfilled: 5-17-21	**Weather:** "	Start Location: N_____E_____El._____
Contractor [redacted]	**Machine:** Gsc 580N	
Operator: [redacted]	**Bucket Width:** 2 ft.	**Logged By:** [redacted]

Depth (ft):	Sketch - Clearly locate and label: 1) depth to waste; 2) limit of waste; 3) materials encountered; 4) soil characteristics; 5) other observations										
0											
1	well cemented fill gravelly sand, sandy gravel										
2		o o o o									
3		asphalt									
4											
5											
6											
7											
8											
9											
10											
Width (ft):	0	2	4	6	8	10	12	14	16	18	20

USCS characterization of soils encountered: GW Sample Taken: No

GPS coordinates of limit of waste or depth to waste (circle): N_____E_____EL._____Trimble Unit No._____

[redacted]

Test Trench Log - Fort Bliss Landfill - Perimeter_____ or Interior X

Project Name and No.: MSWLF - Limit of Waste Investigation, Fort Bliss, TX

Test Pit No. JT20-09 Direction Advanced DOWN

Date Excavated: 5-17-21 **Weather:** Breezy to windy, ~84°F

Date Backfilled: 5-17-21 **Weather:** Mostly sunny

Contractor: [redacted] **Machine:** Case 580N

Start Location: N_____ E_____ El._____

Operator: [redacted] **Bucket Width:** 2 ft

Logged By: [redacted]

Depth (ft):	Sketch - Clearly locate and label: 1) depth to waste; 2) limit of waste; 3) materials encountered; 4) soil characteristics; 5) other observations										
0											
1	well-cemented overburden/fill										
2				wood, glass (2, 4)							
3											
4											
5											
6											
7											
8											
9											
10											
Width (ft):	0	2	4	6	8	10	12	14	16	18	20

USCS characterization of soils encountered: GW Sample Taken: No

GPS coordinates of limit of waste or depth to waste (circle): N_____ E_____ EL._____ Trimble Unit No._____

[redacted]

Test Trench Log - Fort Bliss Landfill - Perimeter_____or Interior x

Project Name and No.: MSWLF - Limit of Waste Investigation, Fort Bliss, TX

Test Pit No. IT20-10 Direction Advanced Down

Date Excavated: 5-17-21 **Weather:** Breezy. 85°F

Date Backfilled: 5-17-21 **Weather:** Sunny

Start Location: N_____E_____El._____

Contractor: [redacted] **Machine:** Case 580N

Operator: [redacted] **Bucket Width:** 2 ft

Logged By: [redacted]

Depth (ft):	Sketch - Clearly locate and label: 1) depth to waste; 2) limit of waste; 3) materials encountered; 4) soil characteristics; 5) other observations										
0	wood, metal, plastic debris on surface										
1	PVC sch40 pipe under surface to 6-in										
2											
3											
4											
5											
6											
7											
8											
9											
10											
Width (ft):	0	2	4	6	8	10	12	14	16	18	20

USCS characterization of soils encountered: GW Sample Taken: Yes

GPS coordinates of limit of waste or depth to waste (circle): N_____E_____EL._____Trimble Unit No._____