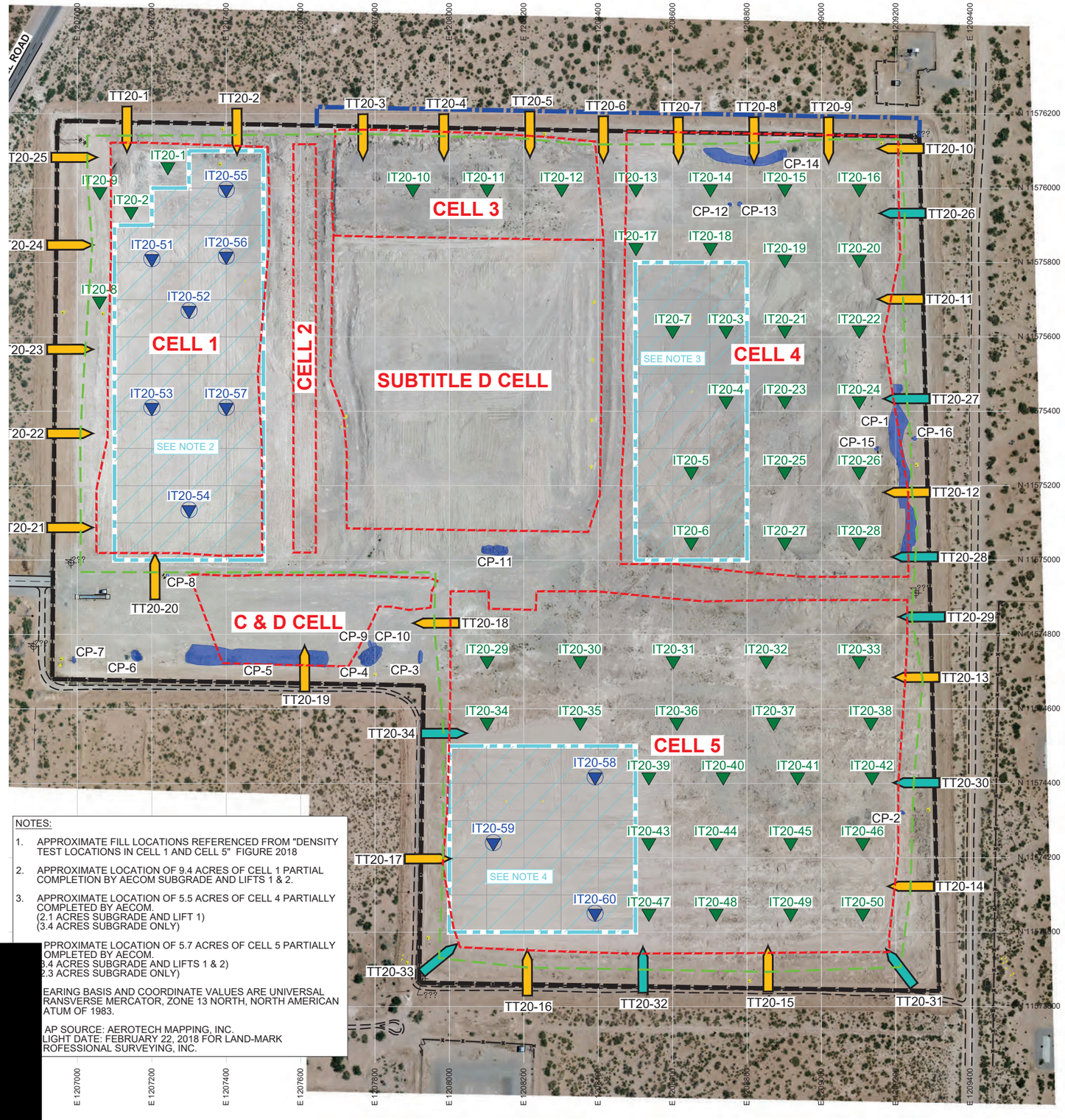

LEGEND

- LANDFILL PERMIT BOUNDARY
- PROPOSED BUFFER ZONE
- APPROXIMATE CELL BOUNDARY (SUBTITLE D CELL)/ASSUMED CELL BOUNDARY (ALL OTHER CELLS BASED ON 2015 LOWI)
- TOPOGRAPHIC CONTOUR
- FENCE
- DIRT ROAD
- PAVED ROAD
- PARTIAL FILL (SEE NOTES 1, 2, 3 AND 4)
- INTERIOR TRENCH (50)
- INTERIOR TRENCH TIME PERMITTING (10)
- PERIMETER TRENCH (25)
- DATA GAP PERIMETER TRENCH (9)
- CONCRETE PILE (11)
- LIMITS OF WASTE 2021

NOTES:

1. APPROXIMATE FILL LOCATIONS REFERENCED FROM "DENSITY TEST LOCATIONS IN CELL 1 AND CELL 5" FIGURE 2018
2. APPROXIMATE LOCATION OF 9.4 ACRES OF CELL 1 PARTIAL COMPLETION BY AECOM SUBGRADE AND LIFTS 1 & 2.
3. APPROXIMATE LOCATION OF 5.5 ACRES OF CELL 4 PARTIALLY COMPLETED BY AECOM.
   (2.1 ACRES SUBGRADE AND LIFT 1)
   (3.4 ACRES SUBGRADE ONLY)
4. APPROXIMATE LOCATION OF 5.7 ACRES OF CELL 5 PARTIALLY COMPLETED BY AECOM.
   (3.4 ACRES SUBGRADE AND LIFTS 1 & 2)
   (2.3 ACRES SUBGRADE ONLY)

BEARING BASIS AND COORDINATE VALUES ARE UNIVERSAL TRANSVERSE MERCATOR, ZONE 13 NORTH, NORTH AMERICAN DATUM OF 1983.

MAP SOURCE: AEROTECH MAPPING, INC.
FLIGHT DATE: FEBRUARY 22, 2018 FOR LAND-MARK PROFESSIONAL SURVEYING, INC.

MAY 2021 FIELD INVESTIGATION RESULTS & TOP OF WASTE ELEVATIONS

ID	NORTHING	EASTING	TOP OF WASTE ELEVATION	ID	NORTHING	EASTING	TOP OF WASTE ELEVATION	ID	NORTHING	EASTING	TOP OF WASTE ELEVATION
IT01W	[redacted]	[redacted]	3932.8	[redacted]	[redacted]	[redacted]	[redacted]	IT01W	[redacted]	[redacted]	3932.8
IT02W	[redacted]	[redacted]	3931.8	[redacted]	[redacted]	[redacted]	[redacted]	IT02W	[redacted]	[redacted]	3931.8
IT03W	[redacted]	[redacted]	3934.3	[redacted]	[redacted]	[redacted]	[redacted]	IT03W	[redacted]	[redacted]	3934.3
IT04W	[redacted]	[redacted]	3933.7	[redacted]	[redacted]	[redacted]	[redacted]	IT04W	[redacted]	[redacted]	3933.7
IT05W	[redacted]	[redacted]	3932.5	[redacted]	[redacted]	[redacted]	[redacted]	IT05W	[redacted]	[redacted]	3932.5
IT06W	[redacted]	[redacted]	3928.3	[redacted]	[redacted]	[redacted]	[redacted]	IT06W	[redacted]	[redacted]	3928.3
IT07W	[redacted]	[redacted]	3932.9	[redacted]	[redacted]	[redacted]	[redacted]	IT07W	[redacted]	[redacted]	3932.9
IT08W	[redacted]	[redacted]	3929.6	[redacted]	[redacted]	[redacted]	[redacted]	IT08W	[redacted]	[redacted]	3929.6
IT09W	[redacted]	[redacted]	3929.7	[redacted]	[redacted]	[redacted]	[redacted]	IT09W	[redacted]	[redacted]	3929.7
IT10W	[redacted]	[redacted]	3943.1	[redacted]	[redacted]	[redacted]	[redacted]	IT10W	[redacted]	[redacted]	3943.1
IT11W	[redacted]	[redacted]	3937.5	[redacted]	[redacted]	[redacted]	[redacted]	IT11W	[redacted]	[redacted]	3937.5
IT12W	[redacted]	[redacted]	3931.0	[redacted]	[redacted]	[redacted]	[redacted]	IT12W	[redacted]	[redacted]	3931.0
IT13W	[redacted]	[redacted]	3934.0	[redacted]	[redacted]	[redacted]	[redacted]	IT13W	[redacted]	[redacted]	3934.0
IT14W	[redacted]	[redacted]	3932.9	[redacted]	[redacted]	[redacted]	[redacted]	IT14W	[redacted]	[redacted]	3932.9
IT15W	[redacted]	[redacted]	3933.3	[redacted]	[redacted]	[redacted]	[redacted]	IT15W	[redacted]	[redacted]	3933.3
IT16W	[redacted]	[redacted]	3928.5	[redacted]	[redacted]	[redacted]	[redacted]	IT16W	[redacted]	[redacted]	3928.5
IT17W	[redacted]	[redacted]	3934.4	[redacted]	[redacted]	[redacted]	[redacted]	IT17W	[redacted]	[redacted]	3934.4
IT18W	[redacted]	[redacted]	3931.0	[redacted]	[redacted]	[redacted]	[redacted]	IT18W	[redacted]	[redacted]	3931.0
IT19W	[redacted]	[redacted]	3931.3	[redacted]	[redacted]	[redacted]	[redacted]	IT19W	[redacted]	[redacted]	3931.3
IT20W	[redacted]	[redacted]	3928.2	[redacted]	[redacted]	[redacted]	[redacted]	IT20W	[redacted]	[redacted]	3928.2

ABBREVIATION LEGEND

IT = INTERNAL TRENCH
TT = PERIMETER TRENCH
S = GROUND SURFACE AT START OF PERIMETER TRENCH
F = GROUND SURFACE AT END OF PERIMETER TRENCH
W1 = WASTE BELOW GRADE AT START OF PERIMETER TRENCH
W2 = LIMIT OF WASTE BELOW GRADE WITHIN PERIMETER TRENCH
N = NO WASTE ENCOUNTERED
CP = CONCRETE PILE

0 150' 300'
GRAPHIC SCALE

FORT BLISS LANDFILL
FORT BLISS, TEXAS
FINAL LIMITS OF WASTE INVESTIGATION REPORT

2021 FIELD INVESTIGATION RESULTS & TOP OF WASTE ELEVATIONS

[redacted]

FIGURE
2

C:\Users\czzm\[redacted]\AUS-30056989-Fort Bliss Landfill\Project Files\0_WIP\FIGURES\LOWI-F02-2021 TRENCH PIT LOC.dwg LAYOUT: 2 SAVED: 11/4/2021 8:45 AM ACADVER: 23.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: AUS-NCSMOD FULL MONO.CTB PLOTTED: 11/29/2021 10:52 AM

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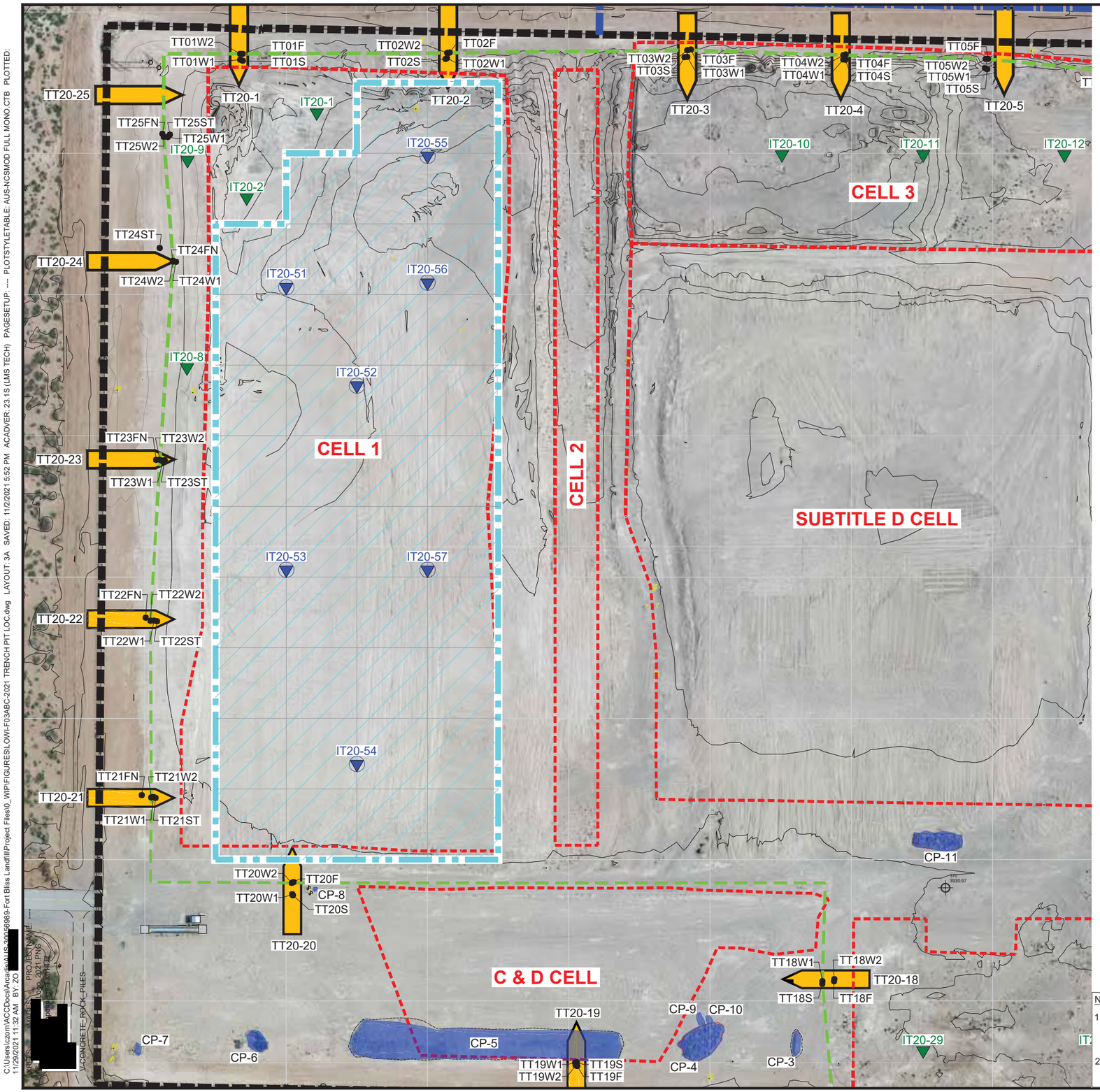

LEGEND

- LANDFILL PERMIT BOUNDARY
- PROPOSED BUFFER ZONE
- APPROXIMATE CELL BOUNDARY (SUBTITLE D CELL)/ASSUMED CELL BOUNDARY (ALL OTHER CELLS BASED ON 2015 LOWI)
- TOPOGRAPHIC CONTOUR
- FENCE
- PARTIAL FILL
- INTERIOR TRENCH (50)
- INTERIOR TRENCH TIME PERMITTING (10)
- PERIMETER TRENCH (25)
- CONCRETE PILE (11)
- TT20W2 — TRENCH LOCATION POINT
- LIMITS OF WASTE 2021

ABBREVIATION LEGEND

IT = INTERNAL TRENCH
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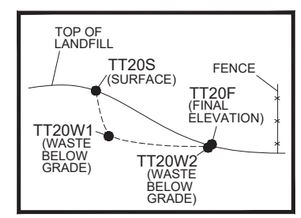

PERIMETER TRENCH TYPICAL SECTION

NOT TO SCALE

MAY 2021 TRENCH LIMITS OF WASTE & DEPTH TO WASTE ELEVATIONS

ID	NORTHING	EASTING	TOP OF WASTE ELEVATION	ID	NORTHING	EASTING	TOP OF WASTE ELEVATION
TT01W1	[redacted]	[redacted]	3926.5	TT18W1	[redacted]	[redacted]	3926.5
TT01W2	[redacted]	[redacted]	3926.9	TT18W2	[redacted]	[redacted]	3927.7
TT02W1	[redacted]	[redacted]	3925.3	TT19W1	[redacted]	[redacted]	3923.9
TT02W2	[redacted]	[redacted]	3925.4	TT19W2	[redacted]	[redacted]	3924.3
TT03W1	[redacted]	[redacted]	3930.8	TT20W1	[redacted]	[redacted]	3927.0
TT03W2	[redacted]	[redacted]	3928.3	TT20W2	[redacted]	[redacted]	3927.8
TT04W1	[redacted]	[redacted]	3929.4	TT21W1	[redacted]	[redacted]	3924.5
TT04W2	[redacted]	[redacted]	3927.7	TT21W2	[redacted]	[redacted]	3923.1
TT05W1	[redacted]	[redacted]	3933.3	TT22W1	[redacted]	[redacted]	3924.3
TT05W2	[redacted]	[redacted]	3928.5	TT22W2	[redacted]	[redacted]	3924.8
TT07W1	[redacted]	[redacted]	3927.1	TT23W1	[redacted]	[redacted]	3925.2
TT07W2	[redacted]	[redacted]	3925.5	TT23W2	[redacted]	[redacted]	3925.9
TT08W1	[redacted]	[redacted]	3923.8	TT24W1	[redacted]	[redacted]	3924.7
TT08W2	[redacted]	[redacted]	3924.0	TT24W2	[redacted]	[redacted]	3924.9
TT09W1	[redacted]	[redacted]	3925.3	TT25W1	[redacted]	[redacted]	3925.3
TT09W2	[redacted]	[redacted]	3923.7	TT25W2	[redacted]	[redacted]	3926.8
TT10W1	[redacted]	[redacted]	3924.3	TT26W1	[redacted]	[redacted]	3922.8
TT10W2	[redacted]	[redacted]	3924.1	TT26W2	[redacted]	[redacted]	3923.2
TT11W1	[redacted]	[redacted]	3922.5	TT27W1	[redacted]	[redacted]	3920.1
TT11W2	[redacted]	[redacted]	3921.6	TT27W2	[redacted]	[redacted]	3920.0
TT12W1	[redacted]	[redacted]	3921.0	TT28W1	[redacted]	[redacted]	3920.6
TT12W2	[redacted]	[redacted]	3920.1	TT28W2	[redacted]	[redacted]	3920.6
TT13W1	[redacted]	[redacted]	3918.7	TT29W1	[redacted]	[redacted]	3919.1
TT13W2	[redacted]	[redacted]	3918.4	TT29W2	[redacted]	[redacted]	3919.0
TT14W1	[redacted]	[redacted]	3919.9	TT30W1	[redacted]	[redacted]	3920.0
TT14W2	[redacted]	[redacted]	3919.4	TT31W1	[redacted]	[redacted]	3919.1
TT15W1	[redacted]	[redacted]	3918.2	TT32W1	[redacted]	[redacted]	3919.6
TT15W2	[redacted]	[redacted]	3917.3	TT32W2	[redacted]	[redacted]	3917.5
TT16W1	[redacted]	[redacted]	3919.8	TT33W1	[redacted]	[redacted]	3918.6
TT16W2	[redacted]	[redacted]	3919.1	TT33W2	[redacted]	[redacted]	3918.7
TT17W1	[redacted]	[redacted]	3923.1	TT34W1	[redacted]	[redacted]	3922.8
TT17W2	[redacted]	[redacted]	3922.2	TT34W2	[redacted]	[redacted]	3924.7

0 75' 150'
GRAPHIC SCALE

NOTES:

1. BEARING BASIS AND COORDINATE VALUES ARE UNIVERSAL TRANSVERSE MERCATOR, ZONE 13 NORTH, NORTH AMERICAN DATUM OF 1983.
2. MAP SOURCE: AEROTECH MAPPING, INC. FLIGHT DATE: FEBRUARY 22, 2018 FOR LAND-MARK PROFESSIONAL SURVEYING, INC.

FORT BLISS LANDFILL
FORT BLISS, TEXAS
FINAL LIMITS OF WASTE INVESTIGATION REPORT

2021 LIMITS OF WASTE & TRENCH WASTE ELEVATIONS

[redacted]

FIGURE
3A

C:\Users\czorn\ACCDocs\Arcadis\[redacted]-Fort Bliss Landfill\Project Files\0_WIP\FIGURES\LOWI-F03ABC-2021 TRENCH PIT LOC.dwg LAYOUT: 3A SAVED: 11/2/2021 5:52 PM ACADVER: 23.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: AUS-NCSMOD FULL MONO.CTB PLOTTED: 11/29/2021 11:32 AM BY: ZO

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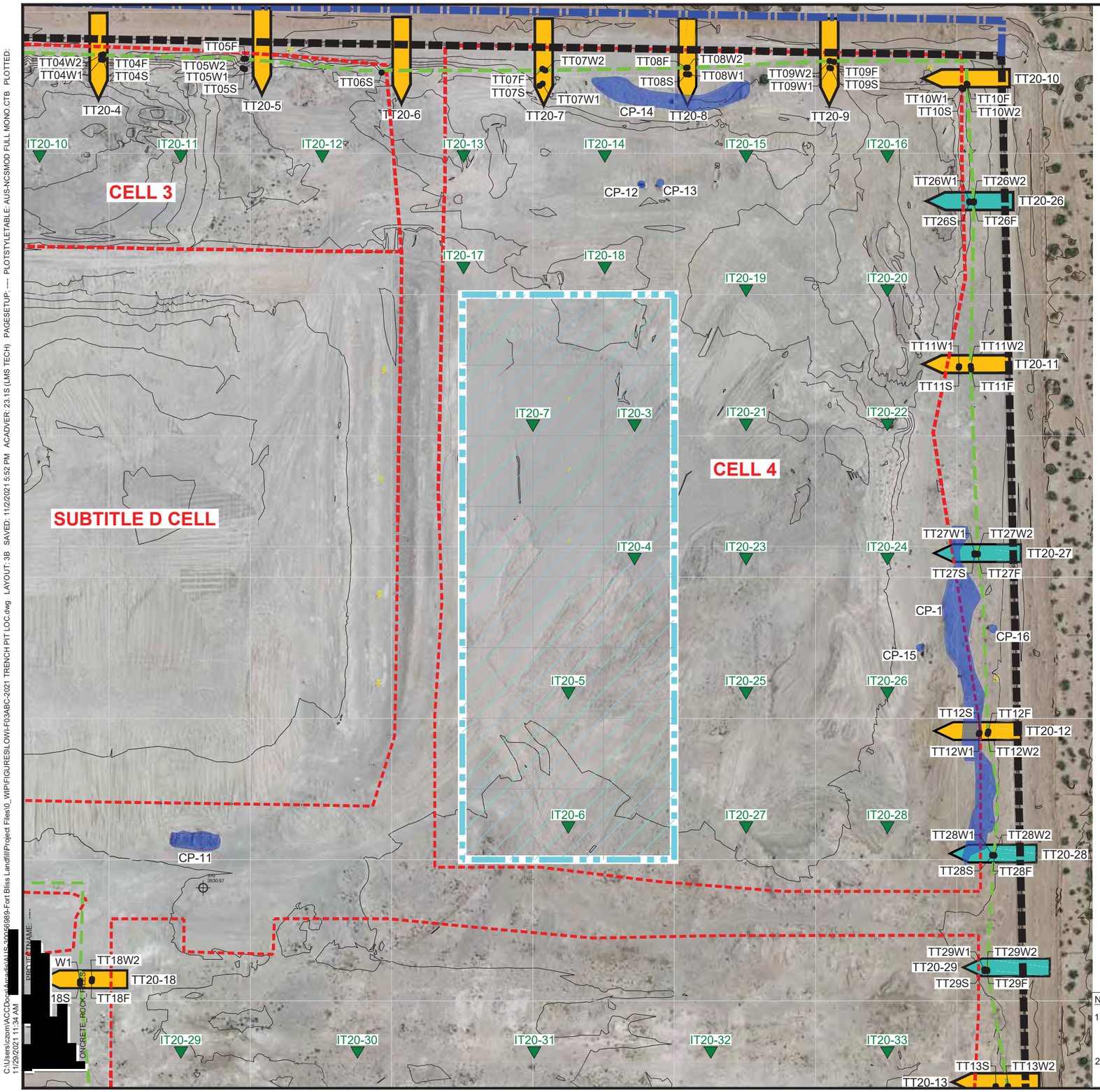

LEGEND

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- PERIMETER TRENCH (25)
- DATA GAP PERIMETER TRENCH (9)
- CONCRETE PILE (11)
- TT27W2 — TRENCH LOCATION POINT
- LIMITS OF WASTE 2021

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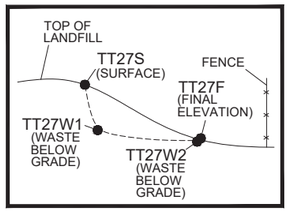

PERIMETER TRENCH TYPICAL SECTION

NOT TO SCALE

MAY 2021 TRENCH LIMITS OF WASTE & DEPTH TO WASTE ELEVATIONS

ID	NORTHING	EASTING	TOP OF WASTE ELEVATION	ID	NORTHING	EASTING	TOP OF WASTE ELEVATION
TT01W1	[redacted]	[redacted]	3926.5	TT18W1	[redacted]	[redacted]	3926.5
TT01W2	[redacted]	[redacted]	3926.9	TT18W2	[redacted]	[redacted]	3927.7
TT02W1	[redacted]	[redacted]	3925.3	TT19W1	[redacted]	[redacted]	3923.9
TT02W2	[redacted]	[redacted]	3925.4	TT19W2	[redacted]	[redacted]	3924.3
TT03W1	[redacted]	[redacted]	3930.8	TT20W1	[redacted]	[redacted]	3927.0
TT03W2	[redacted]	[redacted]	3928.3	TT20W2	[redacted]	[redacted]	3927.8
TT04W1	[redacted]	[redacted]	3929.4	TT21W1	[redacted]	[redacted]	3924.5
TT04W2	[redacted]	[redacted]	3927.7	TT21W2	[redacted]	[redacted]	3923.1
TT05W1	[redacted]	[redacted]	3933.3	TT22W1	[redacted]	[redacted]	3924.3
TT05W2	[redacted]	[redacted]	3928.5	TT22W2	[redacted]	[redacted]	3924.8
TT07W1	[redacted]	[redacted]	3927.1	TT23W1	[redacted]	[redacted]	3925.2
TT07W2	[redacted]	[redacted]	3925.5	TT23W2	[redacted]	[redacted]	3925.9
TT08W1	[redacted]	[redacted]	3923.8	TT24W1	[redacted]	[redacted]	3924.7
TT08W2	[redacted]	[redacted]	3924.0	TT24W2	[redacted]	[redacted]	3924.9
TT09W1	[redacted]	[redacted]	3925.3	TT25W1	[redacted]	[redacted]	3925.3
TT09W2	[redacted]	[redacted]	3923.7	TT25W2	[redacted]	[redacted]	3926.8
TT10W1	[redacted]	[redacted]	3924.3	TT26W1	[redacted]	[redacted]	3922.8
TT10W2	[redacted]	[redacted]	3924.1	TT26W2	[redacted]	[redacted]	3923.2
TT11W1	[redacted]	[redacted]	3922.5	TT27W1	[redacted]	[redacted]	3920.1
TT11W2	[redacted]	[redacted]	3921.6	TT27W2	[redacted]	[redacted]	3920.0
TT12W1	[redacted]	[redacted]	3921.0	TT28W1	[redacted]	[redacted]	3920.6
TT12W2	[redacted]	[redacted]	3920.1	TT28W2	[redacted]	[redacted]	3920.6
TT13W1	[redacted]	[redacted]	3918.7	TT29W1	[redacted]	[redacted]	3919.1
TT13W2	[redacted]	[redacted]	3918.4	TT29W2	[redacted]	[redacted]	3919.0
TT14W1	[redacted]	[redacted]	3919.9	TT30W1	[redacted]	[redacted]	3920.0
TT14W2	[redacted]	[redacted]	3919.4	TT31W1	[redacted]	[redacted]	3919.1
TT15W1	[redacted]	[redacted]	3918.2	TT32W1	[redacted]	[redacted]	3919.6
TT15W2	[redacted]	[redacted]	3917.3	TT32W2	[redacted]	[redacted]	3917.5
TT16W1	[redacted]	[redacted]	3919.8	TT33W1	[redacted]	[redacted]	3918.6
TT16W2	[redacted]	[redacted]	3919.1	TT33W2	[redacted]	[redacted]	3918.7
TT17W1	[redacted]	[redacted]	3923.1	TT34W1	[redacted]	[redacted]	3922.8
TT17W2	[redacted]	[redacted]	3922.2	TT34W2	[redacted]	[redacted]	3924.7

0 75' 150'
GRAPHIC SCALE

NOTES:

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FORT BLISS LANDFILL
FORT BLISS, TEXAS
FINAL LIMITS OF WASTE INVESTIGATION REPORT

2021 LIMITS OF WASTE & TRENCH WASTE ELEVATIONS

[redacted]

FIGURE
3B

C:\Users\czorn\ACCDocs\Arcadis\ALIS-10056989-Fort Bliss Landfill\Project Files\0_WIP\FIGURES\LOWI-F03ABC-2021 TRENCH PIT LOC.dwg LAYOUT: 3B SAVED: 11/2/2021 5:52 PM ACADVER: 23.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: AUS-NCSMOD FULL MONO.CTB PLOTTED: 11/29/2021 11:34 AM
PROJECT NAME: ----

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