

MONTEZUMA COUNTY LANDFILL CELL 5 CONSTRUCTION DRAWINGS

March, 2024

PREPARED FOR



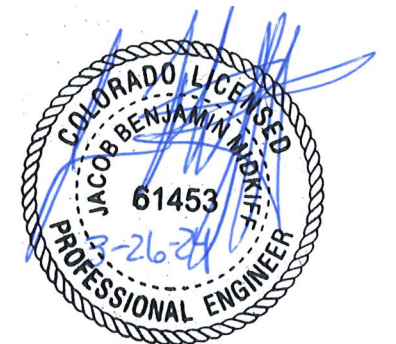
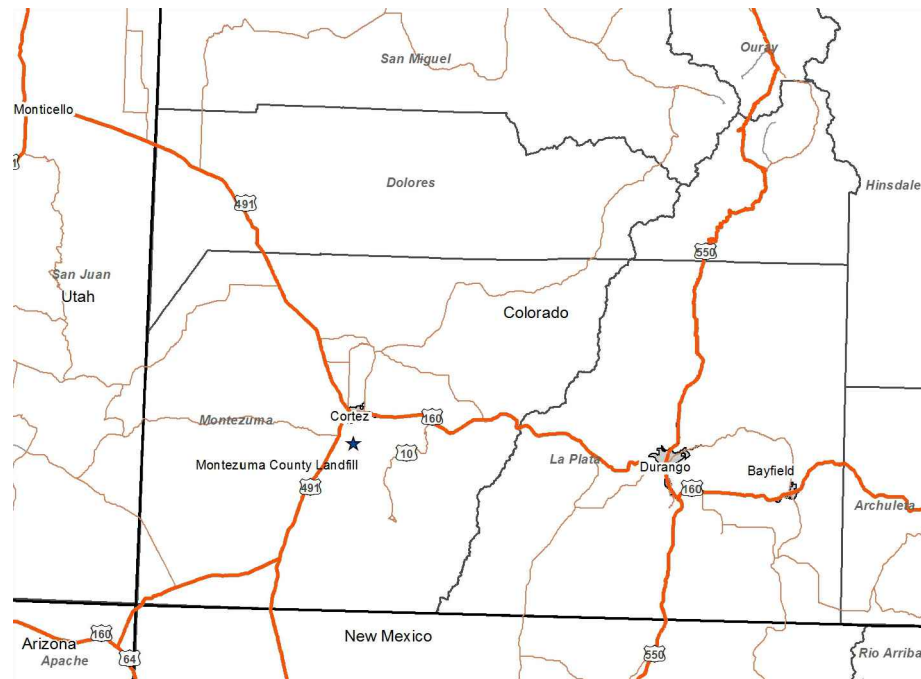
PREPARED BY



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CENTENNIAL, CO 80111
(720) 529-0132
(720) 529-0137 (FAX)

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ISSUED FOR CONSTRUCTION

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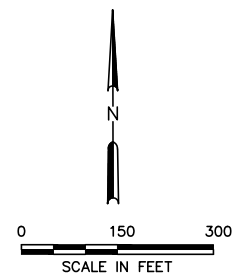


LEGEND:

- CELL BOUNDARY
- LIMITS OF WASTE

NOTES:

1. EXISTING AERIAL IMAGERY PERFORMED BY GOOGLE EARTH DATED OCTOBER, 2017.



- DRAFT
- FOR INFORMATIONAL PURPOSES ONLY
- ISSUED FOR CONSTRUCTION

DATE: 03/2024
 FILE: 3085-605-10-17-02
 CAD:

DRAWN BY: NJM
 DESIGN BY: CJH
 REVIEWED BY: JBM

PREPARED FOR
MONTEZUMA COUNTY

REVISIONS		
NO.	DATE	DESCRIPTION



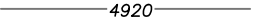

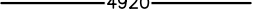





**CELL 5
 SITE PLAN**

MONTEZUMA COUNTY LANDFILL
 CORTEZ, COLORADO



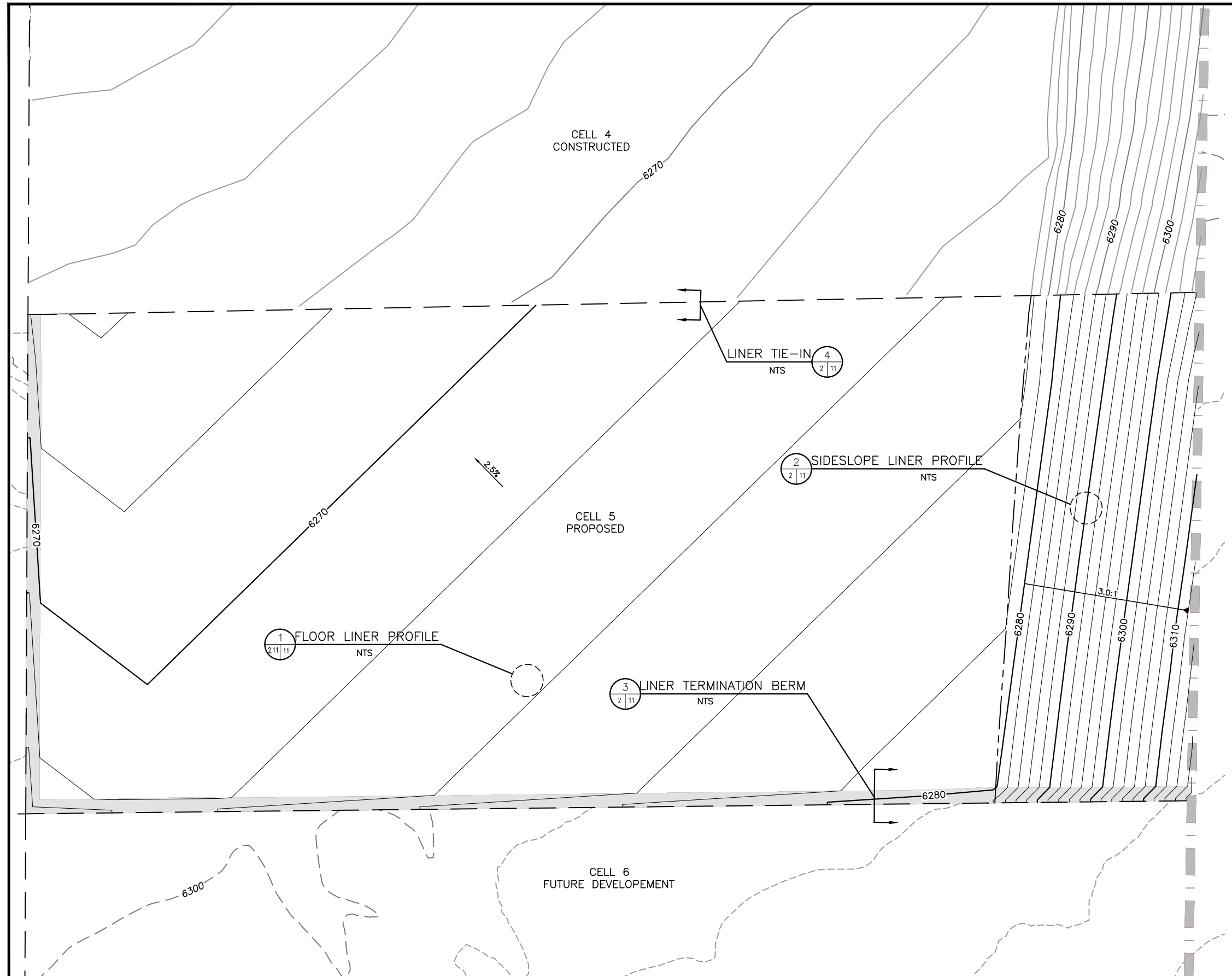
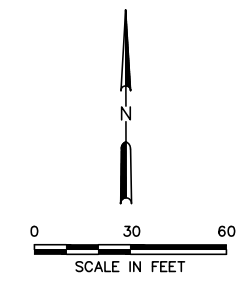
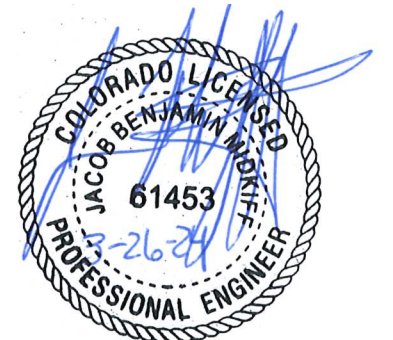
WWW.WCGRP.COM DRAWING 1


LEGEND:

-  10' MAJOR EXISTING CONTOURS
-  2' MINOR EXISTING CONTOURS
-  10' MAJOR AS-BUILT TOP OF CELL 4 CONTOURS
-  2' MINOR AS-BUILT TOP OF CELL 4 CONTOURS
-  10' MAJOR TOP OF CELL 5 CONTOURS
-  2' MINOR TOP OF CELL 5 CONTOURS
-  CELL BOUNDARY
-  LIMITS OF WASTE
-  LIMIT OF LCL/PROTECTIVE COVER
-  TERMINATION BERM

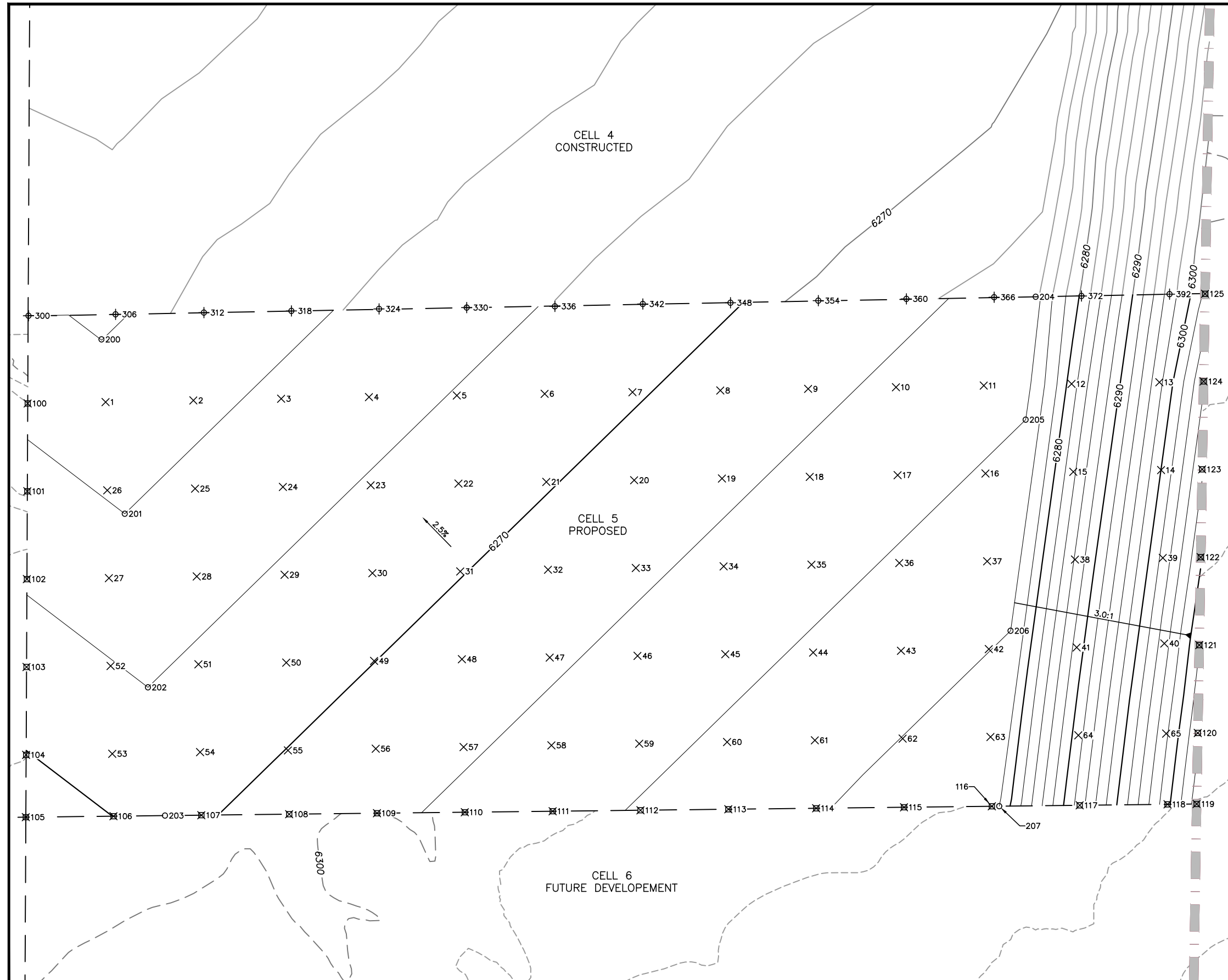
NOTES:

1. EXISTING AS-BUILT TOPOGRAPHY FOR CELL 4 FROM SURVEY PERFORMED BY FOUR CORNERS SURVEYING, INC. CERTIFIED BY PLS ON NOVEMBER 5, 2020 FOR EXCAVATION, CLAY LINER, AND LCL. PROTECTIVE COVER SURVEY IS CERTIFIED BY PLS ON APRIL 7, 2022. THE BALANCE OF EXISTING TOPOGRAPHY FROM AIR PHOTO SERVICES, INC. FLOWN ON MAY 11, 1993 AND DIGITIZED BY TERRAMATRIX IN JULY 1993.
2. TOP OF AS-BUILT CELL 4 CONTOURS REPRESENT A COMBINATION OF THE AS-BUILT TOP OF PROTECTIVE COVER AND AS-BUILT TOP OF LCL FOR CELL 4.
3. TOP OF CELL 5 CONTOURS REPRESENT A COMBINATION OF TOP OF PROTECTIVE COVER, TOP OF LCL, AND TOP OF TERMINATION BERM FOR CELL 5.



<input type="checkbox"/> DRAFT <input type="checkbox"/> FOR INFORMATIONAL PURPOSES ONLY <input checked="" type="checkbox"/> ISSUED FOR CONSTRUCTION	PREPARED FOR MONTEZUMA COUNTY		CELL 5 CONSTRUCTION DRAWINGS SITE LAYOUT	
	DATE: 03/2024 FILE: 3085-605-10-17-02 CAD:	DRAWN BY: NJM DESIGN BY: CJH REVIEWED BY: JBM	REVISIONS	
		NO.	DATE	DESCRIPTION
 Weaver Consultants Group		MONTEZUMA COUNTY LANDFILL MONTEZUMA COUNTY, COLORADO		WWW.WCGRP.COM
				DRAWING 2

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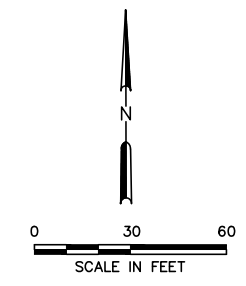


LEGEND:

- 4920 10' MAJOR EXSITING CONTOURS
- 2' MINOR EXSITING CONTOURS
- 4920 10' MAJOR AS-BUILT CELL 4 EXCAVATION CONTOURS
- 2' MINOR AS-BUILT CELL 4 EXCAVATION CONTOURS
- 4920 10' MAJOR CELL 5 EXCAVATION CONTOURS
- 2' MINOR CELL 5 EXCAVATION CONTOURS
- CELL BOUNDARY
- PERMITTED LIMITS OF WASTE
- 2.5% PERCENT GRADE
- 3.0:1 SLOPE DESIGNATOR
- 1-99 50 FT GRID CERTIFICATION POINT (SEE NOTE 3)
- 100-199 BORDER TIE-IN CERTIFICATION POINT
- 200-299 GRADE BREAK CERTIFICATION POINT
- 300-399 AS-BUILT CELL 4 CERTIFICATION POINT

NOTES:

1. EXISTING AS-BUILT TOPOGRAPHY FOR CELL 4 FROM SURVEY PERFORMED BY FOUR CORNERS SURVEYING, INC. CERTIFIED BY PLS ON NOVEMBER 5, 2020. THE BALANCE OF EXISTING TOPOGRAPHY FROM AIR PHOTO SERVICES, INC. FLOWN ON MAY 11, 1993 AND DIGITIZED BY TERRAMATRIX IN JULY 1993.
2. AS-BUILT CELL 4 CONTOURS REPRESENT TOP OF CELL 4 EXCAVATION LAYER.



<input type="checkbox"/> DRAFT <input type="checkbox"/> FOR INFORMATIONAL PURPOSES ONLY <input checked="" type="checkbox"/> ISSUED FOR CONSTRUCTION	PREPARED FOR		MONTEZUMA COUNTY		CELL 5 CONSTRUCTION DRAWINGS	
	DATE: 03/2024		DRAWN BY: NJM		EXCAVATION POINT LAYOUT	
FILE: 3085-605-10-17-02		DESIGN BY: CJH		MONTEZUMA COUNTY LANDFILL		
CAD:		REVIEWED BY: JBM		MONTEZUMA COUNTY, COLORADO		
		REVISIONS				WWW.WCGRP.COM
		NO.	DATE	DESCRIPTION		
						DRAWING 3

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EXCAVATION GRID CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
1	10154.94	10683.87	6264.76
2	10155.88	10733.86	6265.53
3	10156.81	10783.85	6266.38
4	10157.75	10833.84	6267.24
5	10158.69	10883.83	6268.10
6	10159.63	10933.82	6268.95
7	10160.57	10983.82	6269.81
8	10161.51	11033.81	6270.67
9	10162.44	11083.80	6271.52
10	10163.38	11133.79	6272.38
11	10164.32	11183.78	6273.24
12	10165.26	11233.77	6280.94
13	10166.20	11283.76	6297.46
14	10116.20	11284.72	6300.04
15	10115.24	11234.73	6283.56
16	10114.28	11184.74	6274.20
17	10113.32	11134.75	6273.29
18	10112.36	11084.76	6272.44
19	10111.40	11034.77	6271.58
20	10110.44	10984.78	6270.73
21	10109.49	10934.79	6269.87
22	10108.53	10884.80	6269.01
23	10107.57	10834.80	6268.16
24	10106.61	10784.81	6267.30
25	10105.65	10734.82	6266.44
26	10104.69	10684.83	6265.57
27	10054.70	10685.79	6266.98
28	10055.66	10735.78	6267.35
29	10056.62	10785.77	6268.21
30	10057.58	10835.76	6269.07
31	10058.54	10885.75	6269.92
32	10059.50	10935.74	6270.78
33	10060.45	10985.74	6271.64
34	10061.41	11035.73	6272.49
35	10062.37	11085.72	6273.35
36	10063.33	11135.71	6274.20
37	10064.29	11185.70	6275.14
38	10065.25	11235.69	6286.18
39	10066.21	11285.68	6302.62
40	10017.52	11286.54	6305.11
41	10015.26	11236.65	6288.78
42	10014.30	11186.66	6275.97
43	10013.34	11136.67	6275.12
44	10012.38	11086.68	6274.26
45	10011.42	11036.69	6273.40
46	10010.46	10986.69	6272.55
47	10009.50	10936.70	6271.69
48	10008.55	10886.71	6270.84
49	10007.59	10836.72	6269.98
50	10006.63	10786.73	6269.12

EXCAVATION GRID CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
51	10005.67	10736.74	6268.27
52	10004.71	10686.75	6268.09
53	9954.72	10687.71	6269.20
54	9955.68	10737.70	6269.18
55	9956.64	10787.69	6270.04
56	9957.60	10837.68	6270.89
57	9958.55	10887.67	6271.75
58	9959.51	10937.66	6272.60
59	9960.47	10987.65	6273.46
60	9961.43	11037.64	6274.32
61	9962.39	11087.63	6275.17
62	9963.35	11137.63	6276.03
63	9964.31	11187.62	6276.88
64	9965.27	11237.61	6291.16
65	9966.23	11287.60	6307.68

EXCAVATION BOUNDARY CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
100	10154.15	10639.56	6265.53
101	10104.15	10639.33	6266.66
102	10054.15	10639.11	6267.80
103	10004.13	10638.88	6268.93
104	9954.11	10638.65	6270.06
105	9918.65	10638.49	6270.86
106	9919.21	10688.39	6269.99
107	9919.77	10738.39	6269.83
108	9920.33	10788.39	6270.70
109	9920.90	10838.39	6271.56
110	9921.46	10888.38	6272.43
111	9922.02	10938.38	6273.29
112	9922.56	10988.38	6274.15
113	9923.15	11038.38	6275.01
114	9923.71	11088.38	6275.85
115	9924.27	11138.38	6276.74
116	9924.83	11188.37	6277.83
117	9925.40	11238.37	6293.00
118	9925.96	11288.37	6309.50
119	9926.15	11304.94	6314.96
120	9966.57	11305.61	6313.57
121	10016.60	11306.43	6311.87
122	10066.62	11307.26	6309.71
123	10116.65	11308.09	6307.73
124	10166.67	11308.91	6305.74
125	10216.55	11309.75	6302.50

EXCAVATION GRADEBREAK CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
200	10190.59	10681.58	6264.00
201	10091.33	10694.82	6266.00
202	9992.53	10708.00	6268.00
203	9919.54	10717.73	6269.48
204	10214.85	11213.34	6273.00
205	10144.92	11207.63	6274.00
206	10024.76	11199.05	6276.00
207	9924.88	11192.56	6278.00

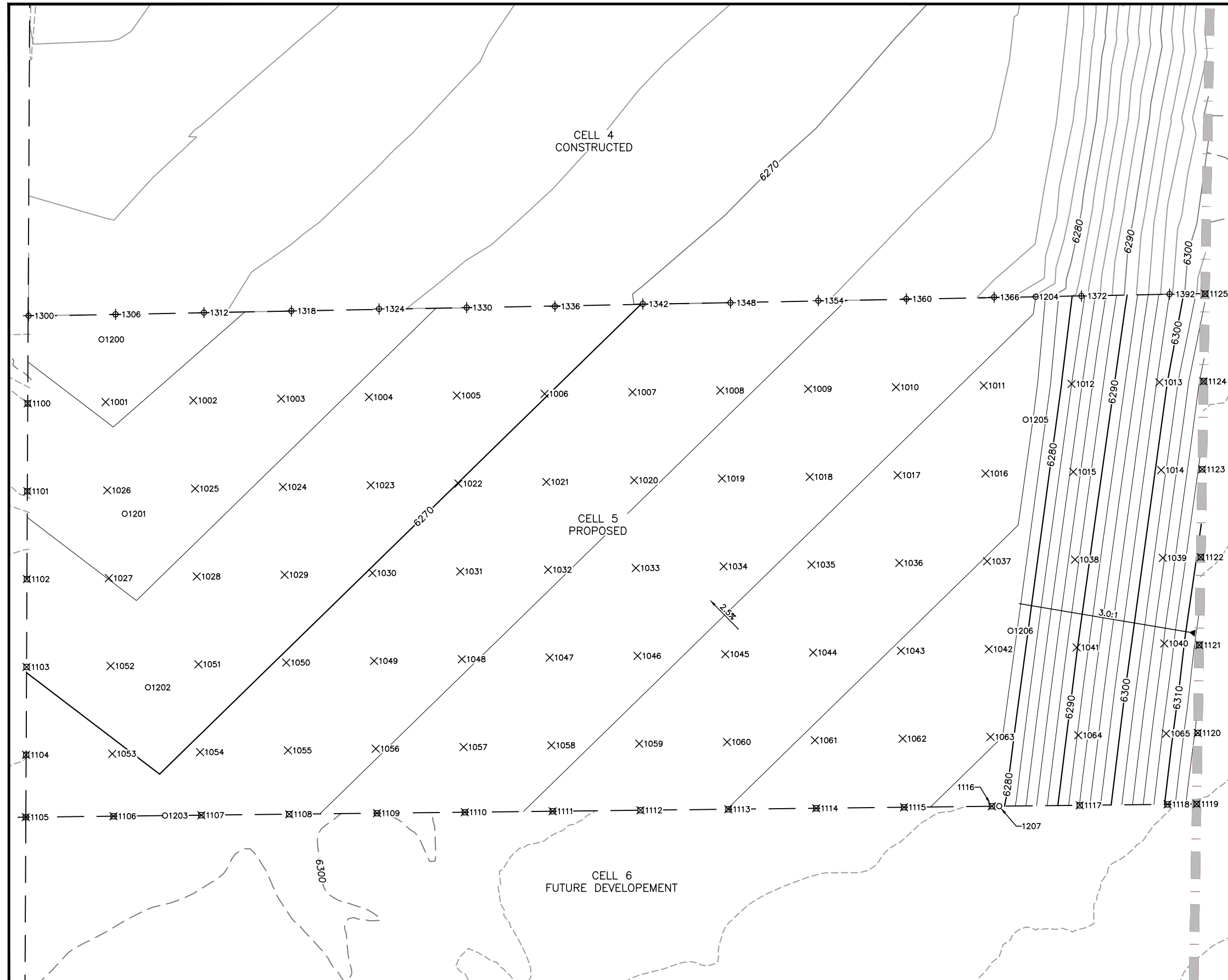
EXCAVATION AS-BUILT CELL 4 CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
300	10204.06	10640.00	6263.16
306	10204.87	10689.56	6263.10
312	10205.86	10739.85	6264.55
318	10206.81	10789.68	6265.58
324	10207.97	10839.56	6266.64
330	10208.70	10889.43	6268.05
336	10209.42	10939.63	6268.21
342	10210.77	10989.71	6269.03
348	10211.47	11039.60	6269.20
354	10212.64	11089.61	6270.49
360	10213.66	11139.74	6271.73
366	10214.61	11189.67	6272.86
372	10215.32	11239.39	6280.52
392	10216.34	11289.51	6296.72

* AS-BUILT CELL 4 POINTS FROM SURVEY PERFORMED BY FOUR CORNERS SURVEYING INC. CERTIFIED BY PLS ON NOVEMBER 5, 2020.



NOTE:
ELEVATIONS REPRESENT THE DESIGN TOP OF SUBGRADE.

<input type="checkbox"/> DRAFT <input type="checkbox"/> FOR INFORMATIONAL PURPOSES ONLY <input checked="" type="checkbox"/> ISSUED FOR CONSTRUCTION	PREPARED FOR MONTEZUMA COUNTY		CELL 5 CONSTRUCTION DRAWINGS EXCAVATION POINT TABLES	
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		NO.	DATE	DESCRIPTION
		WWW.WCGRP.COM		DRAWING 4

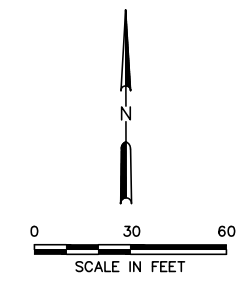


LEGEND:

- 4920 10' MAJOR EXISTING CONTOURS
- 2' MINOR EXISTING CONTOURS
- 4920 10' MAJOR AS-BUILT CELL 4 TOP OF LINER CONTOURS
- 2' MINOR AS-BUILT CELL 4 TOP OF LINER CONTOURS
- 4920 10' MAJOR CELL 5 TOP OF LINER CONTOURS
- 2' MINOR CELL 5 TOP OF LINER CONTOURS
- CELL BOUNDARY
- PERMITTED LIMITS OF WASTE
- 2.5% PERCENT GRADE
- 3.0:1 SLOPE DESIGNATOR
- 1000-1099 50 FT GRID CERTIFICATION POINT (SEE NOTE 3)
- 1100-1199 BORDER TIE-IN CERTIFICATION POINT
- 1200-1299 GRADE BREAK CERTIFICATION POINT
- 1300-1399 AS-BUILT CELL 4 CERTIFICATION POINT

NOTES:

1. EXISTING AS-BUILT TOPOGRAPHY FOR CELL 4 FROM SURVEY PERFORMED BY FOUR CORNERS SURVEYING, INC. CERTIFIED BY PLS ON NOVEMBER 5, 2020. THE BALANCE OF EXISTING TOPOGRAPHY FROM AIR PHOTO SERVICES, INC. FLOWN ON MAY 11, 1993 AND DIGITIZED BY TERRAMATRIX IN JULY 1993.
2. CELL 4 AS-BUILT POINT 1392 WAS NOT SURVEYED DURING CELL 4 CONSTRUCTION. DESIGN ELEVATIONS FOR THE CELL 5 TOP OF STRUCTURAL FILL SURFACE WERE USED OR THE SURVEY POINT.
3. AS-BUILT CELL 4 CONTOURS REPRESENT TOP OF CELL 4 CLAY LINER LAYER.



<input type="checkbox"/> DRAFT <input type="checkbox"/> FOR INFORMATIONAL PURPOSES ONLY <input checked="" type="checkbox"/> ISSUED FOR CONSTRUCTION	PREPARED FOR MONTEZUMA COUNTY		CELL 5 CONSTRUCTION DRAWINGS													
	DATE: 03/2024 FILE: 3085-605-10-17-02 CAD:		DESIGN BY: CJH REVIEWED BY: JBM													
Weaver Consultants Group		REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>			NO.	DATE	DESCRIPTION									
		NO.	DATE	DESCRIPTION												
MONTEZUMA COUNTY LANDFILL MONTEZUMA COUNTY, COLORADO WWW.WCGRP.COM		STRUCTURAL FILL POINT LAYOUT DRAWING 5														

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CLAY LINER GRID CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
1001	10154.94	10683.87	6265.76
1002	10155.88	10733.86	6266.53
1003	10156.81	10783.85	6267.38
1004	10157.75	10833.84	6268.24
1005	10158.69	10883.83	6269.10
1006	10159.63	10933.82	6269.95
1007	10160.57	10983.82	6270.81
1008	10161.51	11033.81	6271.67
1009	10162.44	11083.80	6272.52
1010	10163.38	11133.79	6273.38
1011	10164.32	11183.78	6274.24
1012	10165.26	11233.77	6282.00
1013	10166.20	11283.76	6298.51
1014	10116.20	11284.72	6301.09
1015	10115.24	11234.73	6284.62
1016	10114.28	11184.74	6275.20
1017	10113.32	11134.75	6274.29
1018	10112.36	11084.76	6273.44
1019	10111.40	11034.77	6272.58
1020	10110.44	10984.78	6271.73
1021	10109.49	10934.79	6270.87
1022	10108.53	10884.80	6270.01
1023	10107.57	10834.80	6269.16
1024	10106.61	10784.81	6268.30
1025	10105.65	10734.82	6267.44
1026	10104.69	10684.83	6266.57
1027	10054.70	10685.79	6267.98
1028	10055.66	10735.78	6268.35
1029	10056.62	10785.77	6269.21
1030	10057.58	10835.76	6270.07
1031	10058.54	10885.75	6270.92
1032	10059.50	10935.74	6271.78
1033	10060.45	10985.74	6272.64
1034	10061.41	11035.73	6273.49
1035	10062.37	11085.72	6274.35
1036	10063.33	11135.71	6275.20
1037	10064.29	11185.70	6276.14
1038	10065.25	11235.69	6287.24
1039	10066.21	11285.68	6303.67
1040	10017.52	11286.54	6306.16
1041	10015.26	11236.65	6289.84
1042	10014.30	11186.66	6276.97
1043	10013.34	11136.67	6276.12
1044	10012.38	11086.68	6275.26
1045	10011.42	11036.69	6274.40
1046	10010.46	10986.69	6273.55
1047	10009.50	10936.70	6272.69
1048	10008.55	10886.71	6271.84
1049	10007.59	10836.72	6270.98
1050	10006.63	10786.73	6270.12

CLAY LINER GRID CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
1051	10005.67	10736.74	6269.27
1052	10004.71	10686.75	6269.09
1053	9954.72	10687.71	6270.20
1054	9955.68	10737.70	6270.18
1055	9956.64	10787.69	6271.04
1056	9957.60	10837.68	6271.89
1057	9958.55	10887.67	6272.75
1058	9959.51	10937.66	6273.60
1059	9960.47	10987.65	6274.46
1060	9961.43	11037.64	6275.32
1061	9962.39	11087.63	6276.17
1062	9963.35	11137.63	6277.03
1063	9964.31	11187.62	6277.88
1064	9965.27	11237.61	6292.22
1065	9966.23	11287.60	6308.74
1100	10154.11	10639.67	6266.53

CLAY LINER BOUNDARY CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
1100	10154.15	10639.56	6266.53
1101	10104.15	10639.33	6267.66
1102	10054.15	10639.11	6268.80
1103	10004.13	10638.88	6269.93
1104	9954.11	10638.65	6271.06
1105	9918.65	10638.49	6271.86
1106	9919.21	10688.39	6270.99
1107	9919.77	10738.39	6270.83
1108	9920.33	10788.39	6271.70
1109	9920.90	10838.39	6272.56
1110	9921.46	10888.38	6273.43
1111	9922.02	10938.38	6274.29
1112	9922.56	10988.38	6275.15
1113	9923.15	11038.38	6276.01
1114	9923.71	11088.38	6276.85
1115	9924.27	11138.38	6277.74
1116	9924.83	11188.37	6278.83
1117	9925.40	11238.37	6294.05
1118	9925.96	11288.37	6310.55
1119	9926.15	11304.94	6316.01
1120	9966.57	11305.61	6314.62
1121	10016.60	11306.43	6312.93
1122	10066.62	11307.26	6310.77
1123	10116.65	11308.09	6308.78
1124	10166.67	11308.91	6306.80
1125	10216.55	11309.75	6303.55
1200	10190.59	10681.58	6265.00

CLAY LINER GRADEBREAK CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
1200	10190.59	10681.58	6265.00
1201	10091.33	10694.82	6267.00
1202	9992.53	10708.00	6269.00
1203	9919.54	10717.73	6270.48
1204	10214.85	11213.34	6274.00
1205	10144.92	11207.63	6275.05
1206	10024.76	11199.05	6277.05
1207	9924.88	11192.56	6279.05
1300	10204.06	10640.00	6264.51

CLAY LINER AS-BUILT CELL 4 CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
1300	10204.06	10640.00	6264.51
1306	10204.87	10689.56	6264.49
1312	10205.86	10739.85	6265.71
1318	10206.81	10789.68	6266.83
1324	10207.97	10839.56	6267.72
1330	10208.70	10889.43	6268.61
1336	10209.42	10939.63	6269.35
1342	10210.77	10989.71	6270.22
1348	10211.47	11039.60	6270.34
1354	10212.64	11089.61	6271.89
1360	10213.66	11139.74	6272.74
1366	10214.61	11189.67	6274.29
1372	10215.32	11239.39	6282.23
1392	10216.34	11289.51	6297.50

* AS-BUILT CELL 4 POINTS FROM SURVEY PERFORMED BY FOUR CORNERS SURVEYING INC. CERTIFIED BY PLS ON NOVEMBER 5, 2020.

** CELL 4 AS-BUILT POINT 1392 WAS NOT SURVEYED DURING CELL 4 CONSTRUCTION. DESIGN ELEVATIONS FOR THE CELL 5 TOP OF STRUCTURAL FILL SURFACE WERE USED OR THE SURVEY POINT.

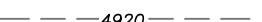

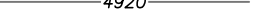


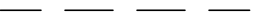











NOTE:

ELEVATIONS REPRESENT THE DESIGN TOP OF STRUCTURAL FILL.

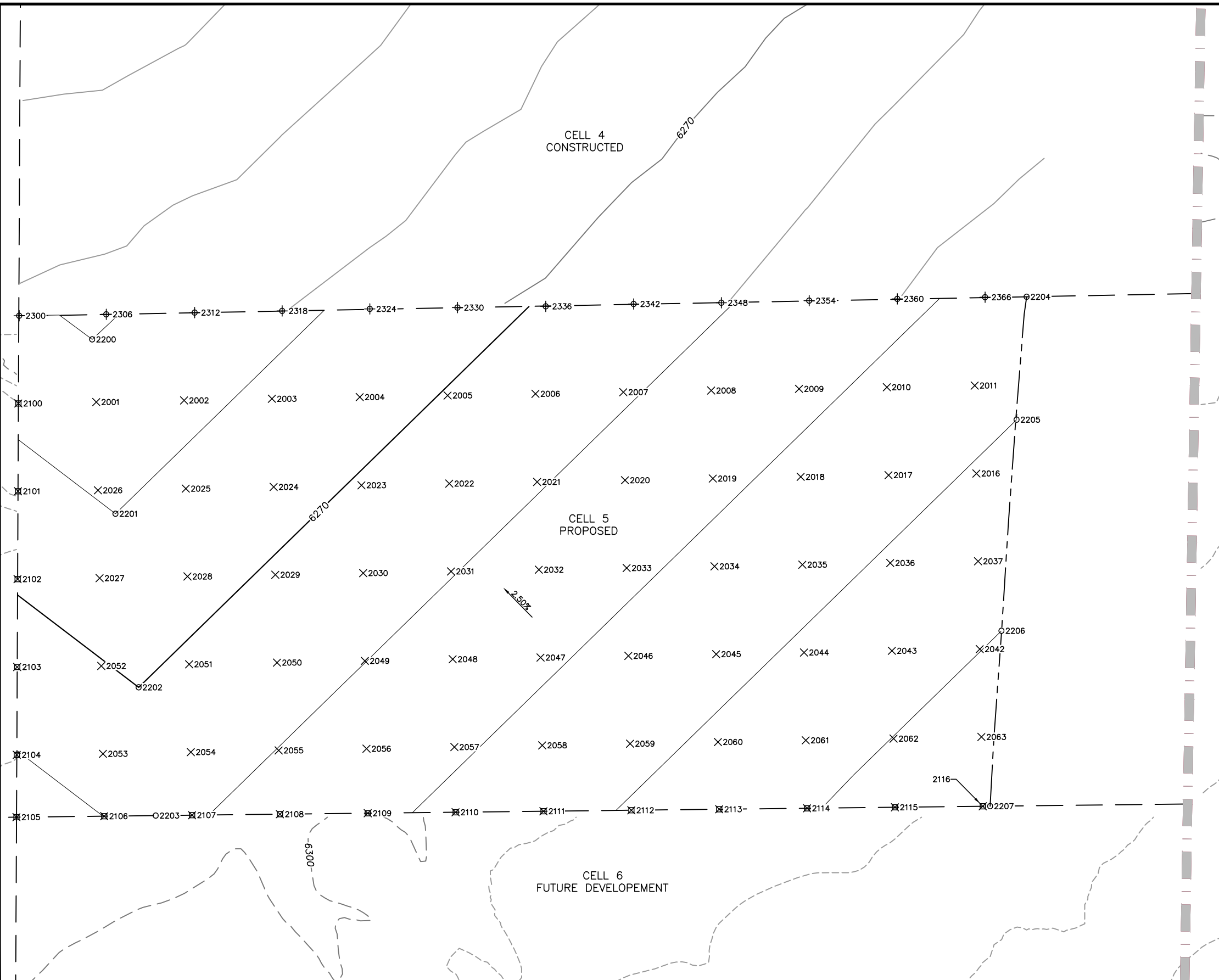
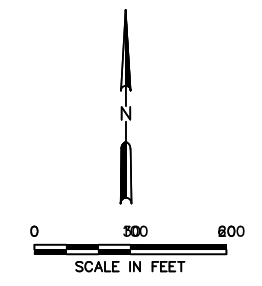
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		NO.	DATE	DESCRIPTION
		MONTEZUMA COUNTY LANDFILL MONTEZUMA COUNTY, COLORADO		
		WWW.WCGRP.COM		DRAWING 6


LEGEND:

-  10' MAJOR EXISTING CONTOURS
-  2' MINOR EXISTING CONTOURS
-  10' MAJOR AS-BUILT CELL 4 TOP OF LCL CONTOURS
-  2' MINOR AS-BUILT CELL 4 TOP OF LCL CONTOURS
-  10' MAJOR CELL 5 TOP OF LCL CONTOURS
-  2' MINOR CELL 5 TOP OF LCL CONTOURS
-  CELL BOUNDARY
-  PERMITTED LIMITS OF WASTE
-  LIMIT OF LCL
-  PERCENT GRADE
-  SLOPE DESIGNATOR
-  50 FT GRID CERTIFICATION POINT (SEE NOTE 3)
-  BORDER TIE-IN CERTIFICATION POINT
-  GRADE BREAK CERTIFICATION POINT
-  AS-BUILT CELL 4 CERTIFICATION POINT

NOTES:

1. EXISTING AS-BUILT TOPOGRAPHY FOR CELL 4 FROM SURVEY PERFORMED BY FOUR CORNERS SURVEYING, INC. CERTIFIED BY PLS ON NOVEMBER 5, 2020. THE BALANCE OF EXISTING TOPOGRAPHY FROM AIR PHOTO SERVICES, INC. FLOWN ON MAY 11, 1993 AND DIGITIZED BY TERRAMATRIX IN JULY 1993.
2. AS-BUILT CELL 4 CONTOURS REPRESENT TOP OF CELL 4 LCRS LAYER.



<input type="checkbox"/> DRAFT <input type="checkbox"/> FOR INFORMATIONAL PURPOSES ONLY <input checked="" type="checkbox"/> ISSUED FOR CONSTRUCTION	PREPARED FOR MONTEZUMA COUNTY	CELL 5 CONSTRUCTION DRAWINGS LEACHATE COLLECTION LAYER POINT LAYOUT MONTEZUMA COUNTY LANDFILL MONTEZUMA COUNTY, COLORADO															
DATE: 03/2024 FILE: 3085-605-10-17-02 CAD:	DRAWN BY: NJM DESIGN BY: CJH REVIEWED BY: JBM	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th style="width: 10%;">NO.</th> <th style="width: 10%;">DATE</th> <th style="width: 80%;">DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	REVISIONS			NO.	DATE	DESCRIPTION									
REVISIONS																	
NO.	DATE	DESCRIPTION															
 Weaver Consultants Group	WWW.WCGRP.COM	DRAWING 7															

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LEACHATE COLLECTION LAYER GRID CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
2001	10154.94	10683.87	6266.76
2002	10155.88	10733.86	6267.53
2003	10156.81	10783.85	6268.38
2004	10157.75	10833.84	6269.24
2005	10158.69	10883.83	6270.10
2006	10159.63	10933.82	6270.95
2007	10160.57	10983.82	6271.81
2008	10161.51	11033.81	6272.67
2009	10162.44	11083.80	6273.52
2010	10163.38	11133.79	6274.38
2011	10164.32	11183.78	6275.24
2016	10114.28	11184.74	6276.20
2017	10113.32	11134.75	6275.29
2018	10112.36	11084.76	6274.44
2019	10111.40	11034.77	6273.58
2020	10110.44	10984.78	6272.73
2021	10109.49	10934.79	6271.87
2022	10108.53	10884.80	6271.01
2023	10107.57	10834.80	6270.16
2024	10106.61	10784.81	6269.30
2025	10105.65	10734.82	6268.44
2026	10104.69	10684.83	6267.57
2027	10054.70	10685.79	6268.98
2028	10055.66	10735.78	6269.35
2029	10056.62	10785.77	6270.21
2030	10057.58	10835.76	6271.07
2031	10058.54	10885.75	6271.92
2032	10059.50	10935.74	6272.78
2033	10060.45	10985.74	6273.64
2034	10061.41	11035.73	6274.49
2035	10062.37	11085.72	6275.35
2036	10063.33	11135.71	6276.20
2037	10064.29	11185.70	6277.14
2042	10014.30	11186.66	6277.97
2043	10013.34	11136.67	6277.12
2044	10012.38	11086.68	6276.26
2045	10011.42	11036.69	6275.40
2046	10010.46	10986.69	6274.55
2047	10009.50	10936.70	6273.69
2048	10008.55	10886.71	6272.84
2049	10007.59	10836.72	6271.98
2050	10006.63	10786.73	6271.12
2051	10005.67	10736.74	6270.27
2052	10004.71	10686.75	6270.09
2053	9954.72	10687.71	6271.20
2054	9955.68	10737.70	6271.18
2055	9956.64	10787.69	6272.04
2056	9957.60	10837.68	6272.89
2057	9958.55	10887.67	6273.75
2058	9959.51	10937.66	6274.60

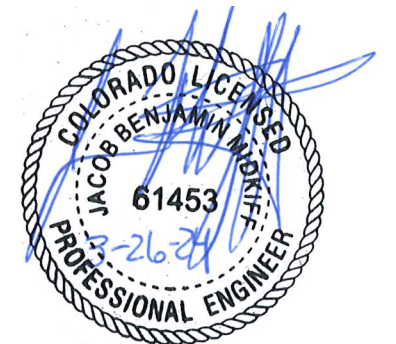
LEACHATE COLLECTION LAYER GRID CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
2059	9960.47	10987.65	6275.46
2060	9961.43	11037.64	6276.32
2061	9962.39	11087.63	6277.17
2062	9963.35	11137.63	6278.03
2063	9964.31	11187.62	6278.88

LEACHATE COLLECTION LAYER BOUNDARY CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
2100	10154.15	10639.56	6267.53
2101	10104.15	10639.33	6268.66
2102	10054.15	10639.11	6269.80
2103	10004.13	10638.88	6270.93
2104	9954.11	10638.65	6272.06
2105	9918.65	10638.49	6272.86
2106	9919.21	10688.39	6271.99
2107	9919.77	10738.39	6271.83
2108	9920.33	10788.39	6272.70
2109	9920.90	10838.39	6273.56
2110	9921.46	10888.38	6274.43
2111	9922.02	10938.38	6275.29
2112	9922.56	10988.38	6276.15
2113	9923.15	11038.38	6277.01
2114	9923.71	11088.38	6277.85
2115	9924.27	11138.38	6278.74
2116	9924.83	11188.37	6279.83

LEACHATE COLLECTION LAYER GRADEBREAK CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
2200	10190.59	10681.58	6266.00
2201	10091.33	10694.82	6268.00
2202	9992.53	10708.00	6270.00
2203	9919.54	10717.73	6271.48
2204	10214.85	11213.34	6275.00
2205	10144.92	11207.63	6276.05
2206	10024.76	11199.05	6278.05
2207	9924.88	11192.56	6280.05

LEACHATE COLLECTION LAYER CELL 4 AS-BUILT CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
2300	10204.06	10640.00	6266.30
2306	10204.87	10689.56	6266.63
2312	10205.86	10739.85	6267.01
2318	10206.81	10789.68	6267.83
2324	10207.97	10839.56	6268.80
2330	10208.70	10889.43	6269.65
2336	10209.42	10939.63	6270.13
2342	10210.77	10989.71	6271.02
2348	10211.47	11039.60	6271.84
2354	10212.64	11089.61	6272.93
2360	10213.66	11139.74	6273.93
2366	10214.61	11189.67	6275.22

* AS-BUILT CELL 4 POINTS FROM SURVEY PERFORMED BY FOUR CORNERS SURVEYING INC. CERTIFIED BY PLS ON NOVEMBER 5, 2020.

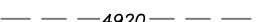

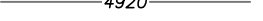

















NOTE:

ELEVATIONS REPRESENT THE DESIGN TOP OF LEACHATE COLLECTION LAYER

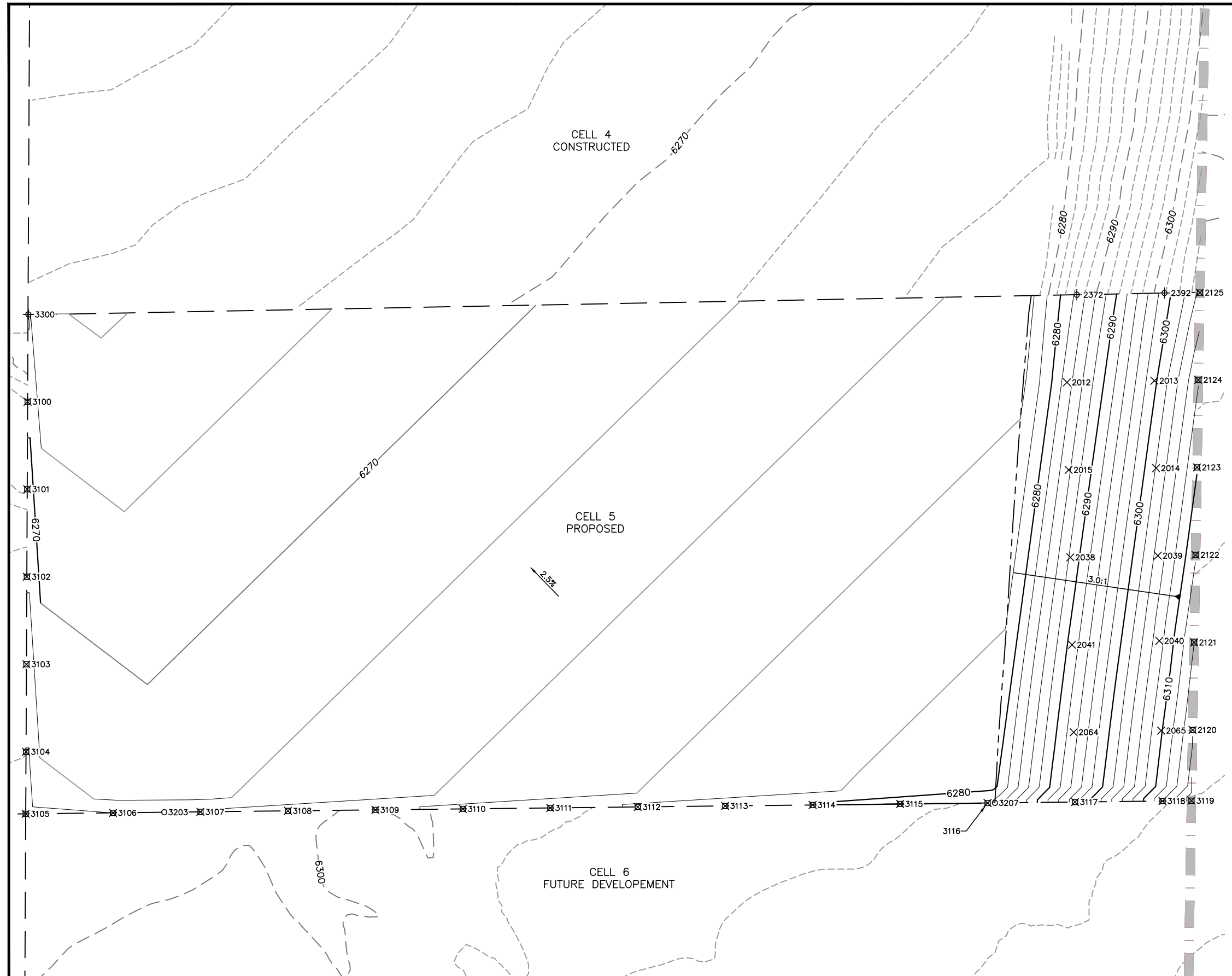
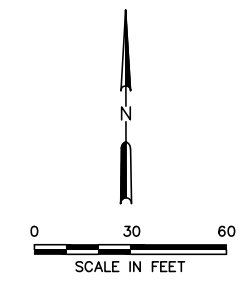
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		NO.	DATE		DESCRIPTION
		WWW.WCGRP.COM		DRAWING 8	

LEGEND:

-  4920 10' MAJOR EXISTING AND AS-BUILT CELL 4 CONTOURS
-  2' MINOR EXISTING AND AS-BUILT CELL 4 CONTOURS
-  4920 10' MAJOR CELL 5 TOP OF LCL CONTOURS
-  2' MINOR CELL 5 TOP OF LCL CONTOURS
-  4920 10' MAJOR CELL 5 TOP OF PROTECTIVE COVER AND TERMINATION BERM CONTOURS
-  2' MINOR CELL 5 TOP OF PROTECTIVE COVER AND TERMINATION BERM CONTOURS
-  CELL BOUNDARY
-  PERMITTED LIMITS OF WASTE
-  LIMIT OF PROTECTIVE COVER
-  TERMINATION BERM
-  2.5% PERCENT GRADE
-  3.0:1 SLOPE DESIGNATOR
-  X 2000-2099 50 FT GRID CERTIFICATION POINT (SEE NOTE 3)
-  X 2100-2199 BORDER TIE-IN CERTIFICATION POINT
-  O 2200-2299 GRADE BREAK CERTIFICATION POINT
-  O 2300-2399 AS-BUILT CELL 4 CERTIFICATION POINT
-  X 3100-3302 TERMINATION BERM CERTIFICATION POINT
-  O 3300-3399 TERMINATION BERM CERTIFICATION POINT

NOTES:

1. EXISTING AS-BUILT TOPOGRAPHY FOR CELL 4 FROM SURVEY PERFORMED BY FOUR CORNERS SURVEYING, INC. CERTIFIED BY PLS ON APRIL 7, 2022 FOR PROTECTIVE COVER. THE BALANCE OF EXISTING TOPOGRAPHY FROM AIR PHOTO SERVICES, INC. FLOWN ON MAY 11, 1993 AND DIGITIZED BY TERRAMATRIX IN JULY 1993.
2. AS-BUILT CELL 4 PROTECTIVE COVER POINTS ARE OVERBUILT AND OVER EXISTING CELL 4 TERMINATION BERM TO BE REMOVED.



<input type="checkbox"/> DRAFT <input type="checkbox"/> FOR INFORMATIONAL PURPOSES ONLY <input checked="" type="checkbox"/> ISSUED FOR CONSTRUCTION	PREPARED FOR MONTEZUMA COUNTY	CELL 5 CONSTRUCTION DRAWINGS PROTECTIVE COVER POINT LAYOUT
DATE: 03/2024 FILE: 3085-605-10-17-02 CAD:	DRAWN BY: NJM DESIGN BY: CJH REVIEWED BY: JBM	MONTEZUMA COUNTY LANDFILL MONTEZUMA COUNTY, COLORADO
Weaver Consultants Group		WWW.WCGRP.COM DRAWING 9

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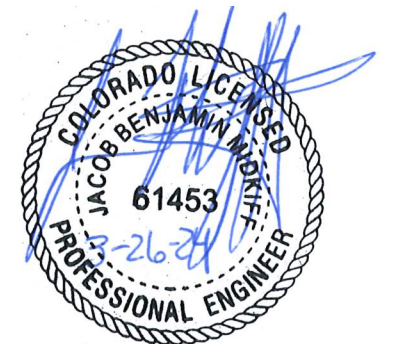
PROTECTIVE COVER GRID CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
2012	10165.26	11233.77	6283.05
2013	10166.20	11283.76	6299.57
2014	10116.20	11284.72	6302.15
2015	10115.24	11234.73	6285.67
2038	10065.25	11235.69	6288.29
2039	10066.21	11285.68	6304.72
2040	10017.52	11286.54	6307.22
2041	10015.26	11236.65	6290.89
2064	9965.27	11237.61	6293.27
2065	9966.23	11287.60	6309.79

PROTECTIVE COVER BOUNDARY CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
2120	9966.57	11305.61	6315.68
2121	10016.60	11306.43	6313.98
2122	10066.62	11307.26	6311.82
2123	10116.65	11308.09	6309.84
2124	10166.67	11308.91	6307.85
2125	10216.55	11309.75	6304.61

PROTECTIVE COVER CELL 4 AS-BUILT CERTIFICATION POINT TABLE*			
POINT #	NORTHING	EASTING	ELEVATION
2372	10215.32	11239.39	6286.68
2392	10216.34	11289.51	6301.77

* AS-BUILT CELL 4 POINTS FROM SURVEY PERFORMED BY FOUR CORNERS SURVEYING INC. CERTIFIED BY PLS ON APRIL 7, 2022 FOR PROTECTIVE COVER POINTS. POINTS ARE OVERBUILT AND ARE OVER EXISTING CELL 4 TERMINATION BERM TO BE REMOVED.

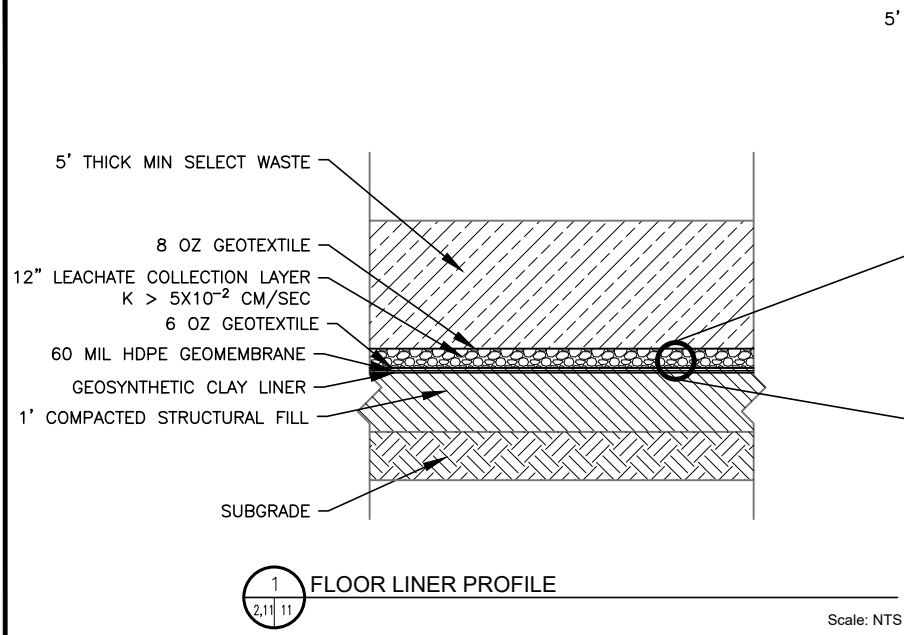
TERMINATION BERM CERTIFICATION POINT TABLE			
POINT #	NORTHING	EASTING	ELEVATION
3100	10154.15	10639.56	6269.53
3101	10104.15	10639.33	6270.66
3102	10054.15	10639.11	6271.80
3103	10004.13	10638.88	6272.93
3104	9954.11	10638.65	6274.06
3105	9918.65	10638.49	6274.86
3106	9919.21	10688.39	6273.99
3107	9919.77	10738.39	6273.83
3108	9920.33	10788.39	6274.70
3109	9920.90	10838.39	6275.56
3110	9921.46	10888.38	6276.43
3111	9922.02	10938.38	6277.29
3112	9922.56	10988.38	6278.15
3113	9923.15	11038.38	6279.01
3114	9923.71	11088.38	6279.85
3115	9924.27	11138.38	6280.74
3116	9924.83	11188.37	6281.83
3117	9925.40	11238.37	6297.26
3118	9925.96	11288.37	6313.76
3119	9926.15	11304.94	6319.22
3203	9919.54	10717.73	6273.48
3207	9924.88	11192.56	6282.26
3300	10204.06	10640.00	6267.51



NOTE:

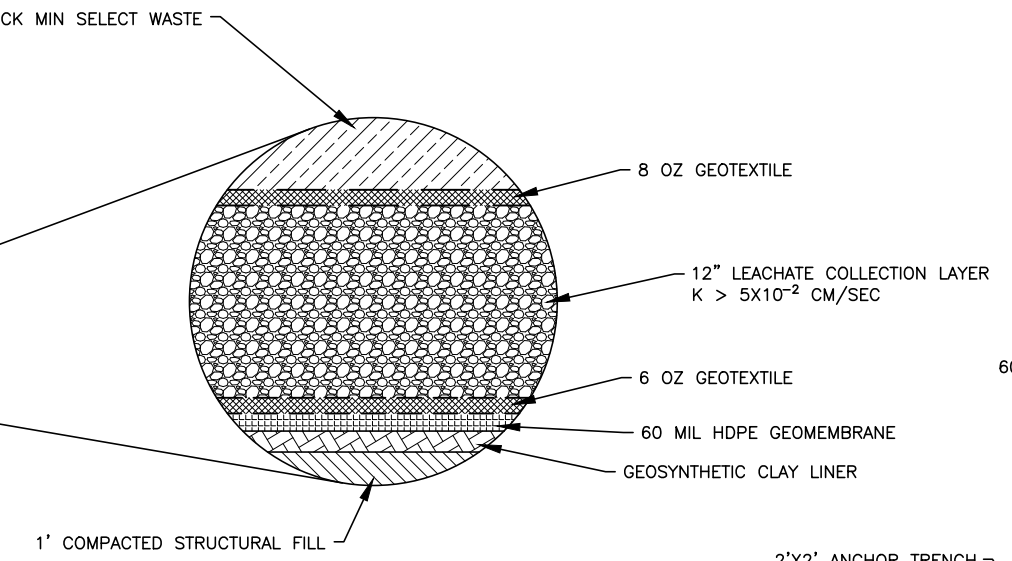
ELEVATIONS REPRESENT THE DESIGN TOP OF PROTECTIVE COVER AND TERMINATION BERM.

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REVISIONS																			
NO.	DATE	DESCRIPTION																	
		MONTEZUMA COUNTY LANDFILL MONTEZUMA COUNTY, COLORADO		WWW.WCGRP.COM															
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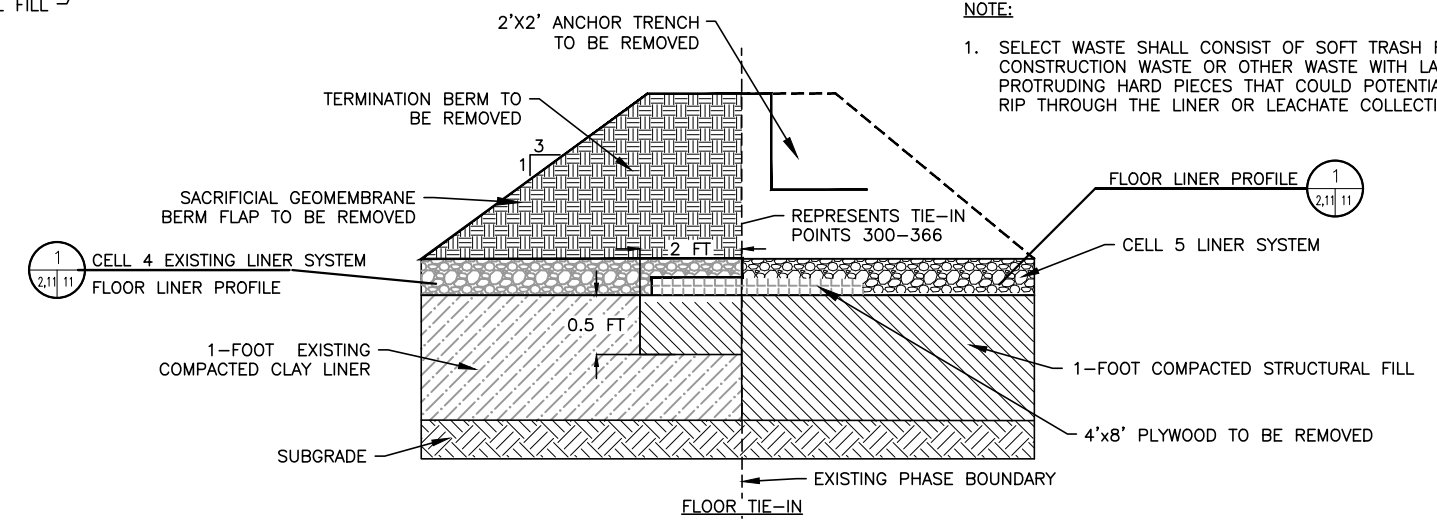
1 FLOOR LINER PROFILE
Scale: NTS

NOTE:
1. SELECT WASTE SHALL CONSIST OF SOFT TRASH FREE OF CONSTRUCTION WASTE OR OTHER WASTE WITH LARGE OR PROTRUDING HARD PIECES THAT COULD POTENTIALLY PUNCTURE OR RIP THROUGH THE LINER OR LEACHATE COLLECTION LAYER.



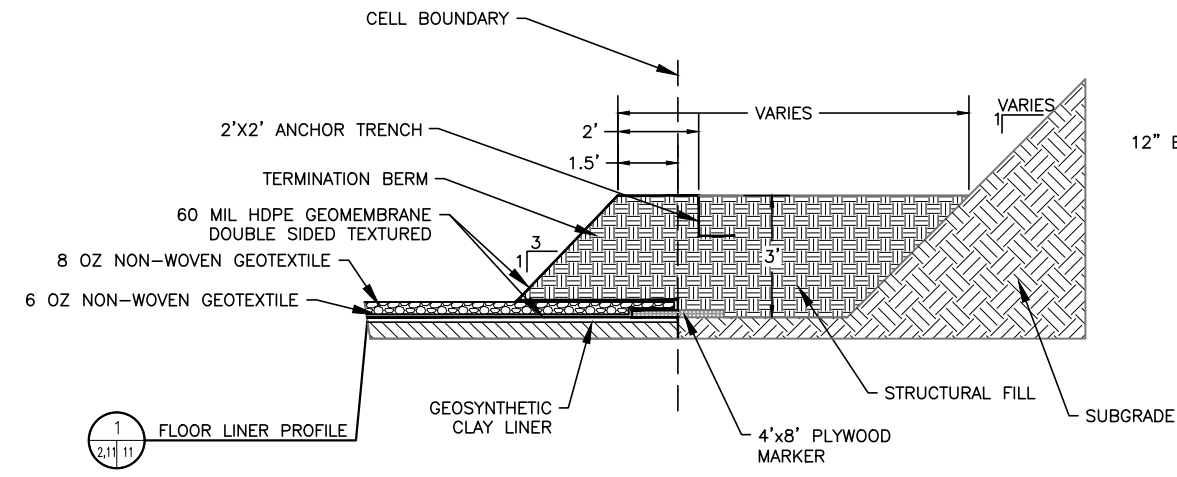
2 SIDESLOPE LINER PROFILE
Scale: NTS

NOTE:
1. SELECT WASTE SHALL CONSIST OF SOFT TRASH FREE OF CONSTRUCTION WASTE OR OTHER WASTE WITH LARGE OR PROTRUDING HARD PIECES THAT COULD POTENTIALLY PUNCTURE OR RIP THROUGH THE LINER OR LEACHATE COLLECTION LAYER.



3 CELL 4 EXISTING LINER SYSTEM FLOOR LINER PROFILE
Scale: NTS

FLOOR LINER PROFILE 1
Scale: NTS



4 FLOOR LINER PROFILE
Scale: NTS

SIDESLOPE LINER PROFILE 2
Scale: NTS

4 TYPICAL LINER TIE-IN DETAIL
Scale: NTS

- NOTES:
1. ALTERNATIVE TIE-IN CONFIGURATIONS MAY BE INCORPORATED DEPENDING ON RECOMMENDATIONS FROM THE DESIGN ENGINEER.
 2. EDGE OF THE EXISTING LEACHATE COLLECTION LAYER SHALL BE CLEANED TO PROVIDE HYDRAULIC CONNECTIVITY.
 3. A MINIMUM OF 24-INCHES OF OVERLAP BETWEEN THE CELL 4 AND CELL 5 GCL IS REQUIRED.
 4. A MINIMUM OF 6-INCHES OF OVERLAP BETWEEN THE CELL 4 AND CELL 5 GEOMEMBRANE IS REQUIRED.



<input type="checkbox"/> DRAFT <input type="checkbox"/> FOR INFORMATIONAL PURPOSES ONLY <input checked="" type="checkbox"/> ISSUED FOR CONSTRUCTION	PREPARED FOR MONTEZUMA COUNTY		CELL 5 CONSTRUCTION DRAWINGS DETAILS										
	DATE: 03/2024 FILE: 3085-605-10-17-02 CAD:		DRAWN BY: NJM DESIGN BY: CJH REVIEWED BY: JBM										
Weaver Consultants Group		REVISIONS		MONTEZUMA COUNTY LANDFILL MONTEZUMA COUNTY, COLORADO									
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