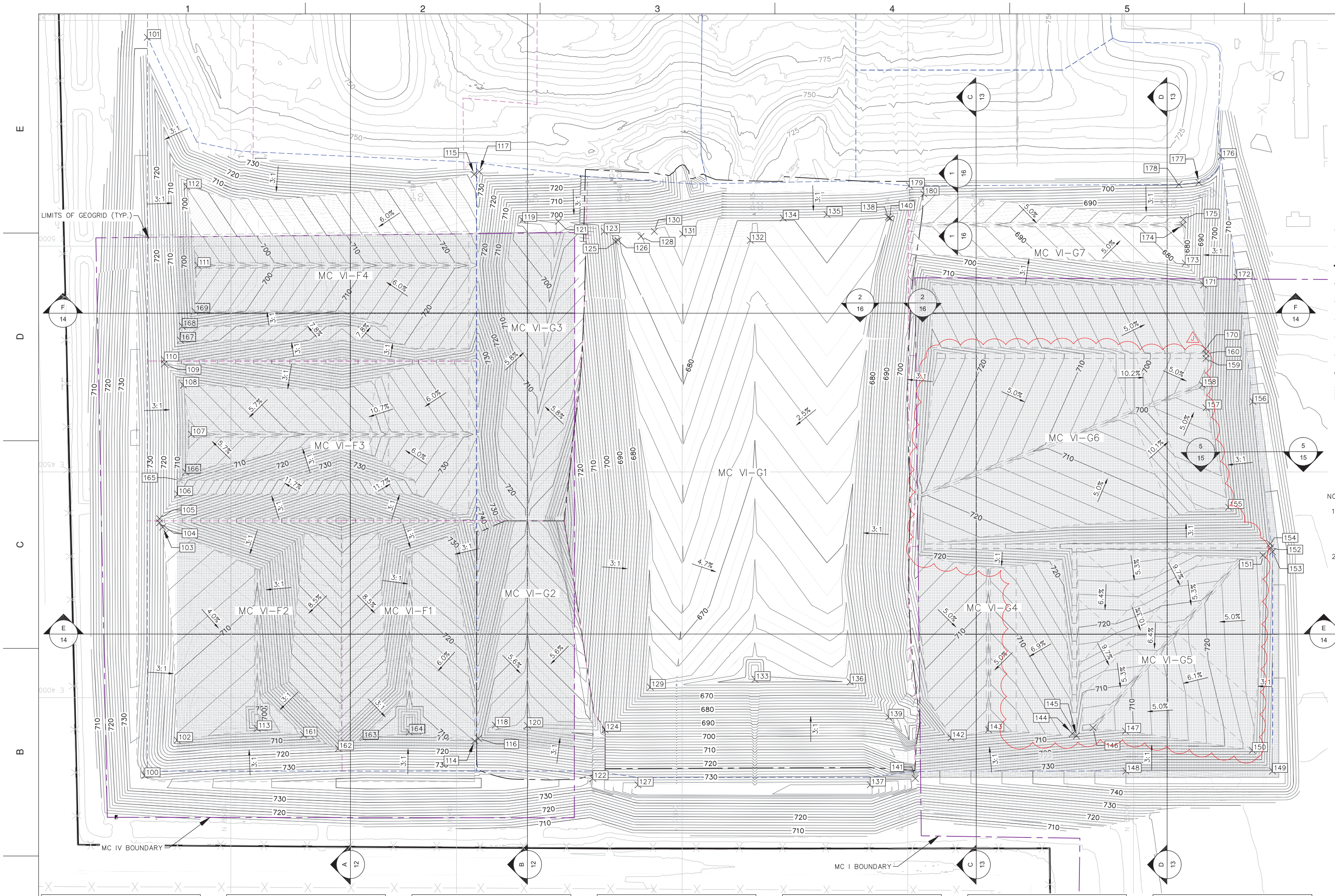

0 100 200
SCALE IN FEET

LEGEND

—— 500 ——	EXISTING MAJOR CONTOURS
————	EXISTING MAJOR CONTOURS
━━━━	PROPERTY BOUNDARY
—— 500 ——	MASTER CELL VI–F & G MAJOR CONTOURS
————	MASTER CELL VI–F & G MINOR CONTOURS
— — — —	GRADE BREAK
– – – – – –	SUBCELL BOUNDARY
————	CELL BOUNDARY
—— – ——	AS–BUILT BOUNDARY
▦	AREA TO BE COVERED BY GEOGRID
╳ 100	DIKE COORDINATE POINT NO.
3:1 →	SLOPE

NOTES:

1. THE BASE MAP WAS CREATED USING AN AERIAL DRONE SURVEY PROVIDED BY DRONEVIEW TECHNOLOGIES, DATED DECEMBER 10, 2020. UPDATED WITH DRONE AERIAL SURVEY DATED APRIL 2, 2021.
2. GRADES DEPICTED IN MC VI G4–G7 REPRESENT REDESIGN TOP OF SUBGRADE. GRADES DEPICTED IN MC VI G3 AND MC VI F1–F4 REPRESENT PERMITTED TOP OF SUBGRADE. GRADES DEPICTED IN MC VI G1–G2 REPRESENT AS–BUILT TOP OF SUBGRADE.

SUBGRADE COORDINATES

Point #	Northing	Easting	Elevation (ft)
100	8690.50	3827.42	734.59
101	8685.01	5462.64	720.71
102	8618.55	3905.51	705.52
103	8651.01	4377.72	720.55
104	8658.02	4387.32	722.90
105	8657.98	4396.41	722.90
106	8617.74	4450.87	709.61
107	8587.22	4583.16	699.69
108	8605.02	4692.10	704.63
109	8647.15	4739.42	718.12
110	8647.41	4748.52	718.10

SUBGRADE COORDINATES

Point #	Northing	Easting	Elevation (ft)
111	8573.16	4957.47	690.00
112	8597.34	5131.53	698.08
113	8441.35	3931.51	700.30
114	7959.71	3904.14	712.08
115	7960.81	5158.83	731.11
116	7951.05	3909.68	712.00
117	7949.45	5164.97	732.77
118	7913.92	3939.16	705.45
119	7853.52	5057.82	696.85
120	7842.73	3938.19	702.00
121	7774.33	5054.99	702.31

SUBGRADE COORDINATES

Point #	Northing	Easting	Elevation (ft)
122	7697.89	3821.03	730.74
123	7672.54	5032.68	686.26
124	7670.81	3928.84	694.50
125	7647.66	5010.45	678.68
126	7641.99	5012.71	680.19
127	7597.89	3806.80	735.60
128	7591.06	5021.51	682.01
129	7570.41	4023.20	663.24
130	7561.67	5032.75	683.13
131	7498.71	5027.05	685.09
132	7349.00	5012.85	678.14

SUBGRADE COORDINATES

Point #	Northing	Easting	Elevation (ft)
133	7338.74	4040.41	658.10
134	7276.06	5062.38	679.69
135	7179.18	5070.45	681.75
136	7127.70	4034.87	660.23
137	7083.24	3807.01	736.24
138	7043.49	5064.48	678.89
139	7042.16	3957.20	684.60
140	7039.03	5062.00	677.47
141	6983.25	3821.03	729.35
142	6904.32	3911.10	702.78
143	6821.02	3928.71	699.29

SUBGRADE COORDINATES

Point #	Northing	Easting	Elevation (ft)
144	6635.43	3920.12	709.62
145	6626.33	3915.27	709.38
146	6589.57	3933.24	704.54
147	6517.71	3925.72	709.11
148	6516.74	3837.32	738.70
149	6191.88	3837.32	738.70
150	6236.64	3883.43	723.04
151	6213.12	4315.18	726.74
152	6196.33	4331.76	732.33
153	6191.88	4323.06	733.99
154	6197.28	4340.86	732.32

SUBGRADE COORDINATES

Point #	Northing	Easting	Elevation (ft)
155	6289.21	4421.83	704.87
156	6235.08	4655.62	730.74
157	6339.21	4642.09	695.71
158	6347.00	4692.65	692.54
159	6339.40	4751.42	694.40
160	6339.09	4761.72	694.38
161	8338.55	3917.48	706.54
162	8261.82	3887.03	717.74
163	8206.84	3910.54	710.69
164	8104.44	3923.96	705.92
165	8613.32	4481.85	708.19

SUBGRADE COORDINATES

Point #	Northing	Easting	Elevation (ft)
166	8600.04	4499.82	703.81
167	8611.51	4791.69	705.67
168	8607.53	4822.70	704.00
169	8579.88	4856.23	694.33
170	6340.69	4772.28	694.00
171	6344.57	4914.23	690.81
172	6270.86	4931.07	715.66
173	6385.28	4962.52	677.18
174	6390.87	5047.34	674.35
175	6389.40	5058.83	674.71
176	6305.65	5198.88	701.00

SUBGRADE COORDINATES

Point #	Northing	Easting	Elevation (ft)
177	6355.11	5141.16	700.60
178	6399.40	5136.66	700.50
179	6996.47	5133.58	702.89
180	6964.50	5115.83	696.87

DATE:	05/18/22
DESIGNED BY:	LEH
DRAWN BY:	WRG
CHECKED BY:	CAB
APPROVED BY:	XZ

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248.486.5100 (fax)248.486.5050
www.cticompanies.com

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REVISIONS

REV	DATE	REVISION DESCRIPTION	DRN	APP
J	05/18/22	SUBCELLS G4–G6 REVISIONS	LEH	XZ
I	10/08/21	SUBCELLS G4–G7 REVISIONS; FINAL GRADE MODIFICATIONS; MISCELLANEOUS CHANGES	WRG	XZ
H1	5/10/22	REVISED LINER GRADES IN F3	LEH	XZ
H	8/25/21	RESPONSE TO EGLE COMMENTS	LEH	XZ
G	7/14/21	REVISED LINER GRADES IN F1–F4 AND OTHER MINOR CORRECTIONS	LEH	XZ
F	11/20/20	SUBCELLS F1–F4 REVISIONS	WRG	XZ
B	9/23/11	PER MDEQ COMMENTS		DRL

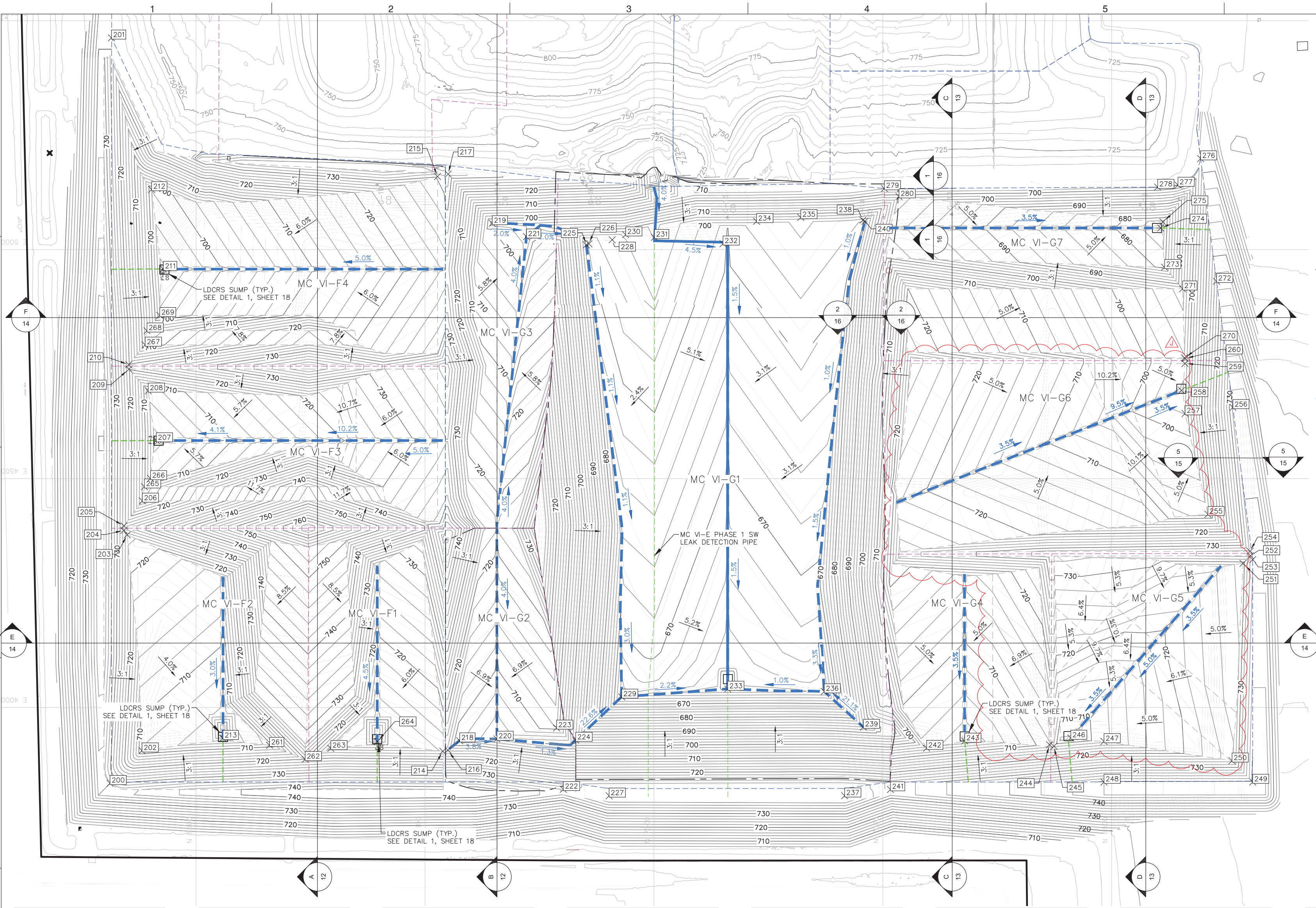
WAYNE DISPOSAL, INC. SITE NO. 2 - MASTER CELL VI-F&G
VAN BUREN TOWNSHIP, WAYNE COUNTY, MICHIGAN

TOP OF SUBGRADE GRADING PLAN
(BOTTOM OF STRUCTURAL FILL)

PROJECT NUMBER
1218070017

SCALE
1" = 100'

DRAWING NO
04



0 100 200
SCALE IN FEET

LEGEND

500	EXISTING MAJOR CONTOURS
	EXISTING MAJOR CONTOURS
	PROPERTY BOUNDARY
500	MASTER CELL VI–F & G MAJOR CONTOURS
	MASTER CELL VI–F & G MINOR CONTOURS
	GRADE BREAK
	AS–BUILT BOUNDARY
100	COORDINATE POINT NO.
3:1	SLOPE
	2 EXTRA LAYERS OF GEONET 7.5' WIDE BENEATH GEOCOMPOSITE WITH FLOW DIRECTION
	5 EXTRA LAYERS OF GEONET, 11.5' WIDE, BENEATH GEOCOMPOSITE WITH FLOW DIRECTION
	SUBCELL BOUNDARY
	CELL BOUNDARY
	SOLID SUMP RISER PIPE
☐	LEAK DETECTION SUMP

NOTES:

1. THE BASE MAP WAS CREATED USING AN AERIAL DRONE SURVEY PROVIDED BY DRONEVIEW TECHNOLOGIES, DATED DECEMBER 10, 2020. UPDATED WITH DRONE AERIAL SURVEY DATED APRIL 2, 2021.
2. GRADES, PIPING, AND GEOCOMPOSITE DEPICTED IN MC VI–G SUBCELLS G1–G2 REPRESENT AS–BUILT TOP OF SECONDARY LINER.

SECONDARY COORDINATE POINTS			
Point #	Northing	Easting	Elevation
200	8688.12	3834.75	734.54
201	8685.01	5462.64	722.82
202	8618.20	3905.87	707.73
203	8650.61	4377.11	722.72
204	8657.79	4386.96	725.14
205	8657.75	4396.77	725.14
206	8617.41	4451.36	711.82
207	8587.09	4583.16	701.96
208	8604.65	4691.67	706.83
209	8646.85	4739.06	720.34
210	8647.14	4748.88	720.32

SECONDARY COORDINATE POINTS			
Point #	Northing	Easting	Elevation
211	8571.60	4957.47	692.34
212	8597.34	5131.53	698.08
213	8441.35	3933.09	702.62
214	7961.13	3904.60	714.25
215	7972.65	5159.77	730.25
216	7949.91	3907.03	713.51
217	7949.45	5164.97	732.77
218	7924.24	3927.69	706.53
219	7853.05	5057.35	696.67
220	7842.87	3931.37	703.56
221	7778.32	5028.27	695.84

SECONDARY COORDINATE POINTS			
Point #	Northing	Easting	Elevation
222	7697.85	3821.52	733.74
223	7712.50	3955.68	716.00
224	7670.78	3929.03	697.65
225	7647.54	5010.47	681.80
226	7641.99	5012.71	683.24
227	7597.85	3807.29	738.60
228	7591.06	5021.51	685.01
229	7570.29	4023.33	666.36
230	7561.67	5032.75	686.20
231	7498.71	5027.05	688.09
232	7349.00	5012.85	681.14

SECONDARY COORDINATE POINTS			
Point #	Northing	Easting	Elevation
233	7338.74	4040.54	661.22
234	7275.80	5061.92	682.69
235	7179.18	5070.45	684.75
236	7127.83	4034.99	663.35
237	7083.28	3807.50	739.24
238	7043.49	5064.48	681.99
239	7042.34	3957.36	687.71
240	7039.01	5061.89	680.59
241	6983.25	3821.03	729.35
242	6904.12	3911.47	704.92
243	6821.02	3927.03	701.43

SECONDARY COORDINATE POINTS			
Point #	Northing	Easting	Elevation
244	6635.79	3918.76	727.26
245	6625.98	3915.61	711.60
246	6589.27	3933.58	706.76
247	6516.74	3926.02	711.36
248	6516.74	3837.32	740.80
249	6191.88	3837.32	740.80
250	6237.05	3883.85	728.94
251	6213.04	4314.83	728.94
252	6196.66	4331.41	734.53
253	6191.88	4323.06	736.09
254	6197.69	4341.22	734.52

SECONDARY COORDINATE POINTS			
Point #	Northing	Easting	Elevation
255	6289.64	4422.21	707.06
256	6235.08	4655.62	732.84
257	6339.55	4642.05	697.92
258	6347.33	4692.52	694.75
259	6339.72	4751.42	696.61
260	6339.39	4762.08	696.60
261	8339.62	3917.89	708.70
262	8261.82	3887.03	720.06
263	8205.80	3910.98	712.87
264	8104.44	3925.52	708.25
265	8612.99	4482.34	710.40

SECONDARY COORDINATE POINTS			
Point #	Northing	Easting	Elevation
266	8599.66	4500.45	706.00
267	8611.29	4791.97	707.91
268	8607.34	4822.95	706.25
269	8579.58	4856.63	696.54
270	6340.78	4763.72	696.12
271	6344.93	4914.63	693.00
272	6270.86	4931.07	717.76
273	6384.46	4961.54	679.80
274	6392.85	5047.34	675.52
275	6387.94	5060.54	677.00
276	6305.65	5198.88	703.10

SECONDARY COORDINATE POINTS			
Point #	Northing	Easting	Elevation
277	6355.11	5141.16	702.70
278	6399.40	5136.66	702.60
279	6996.47	5133.58	704.99
280	6964.50	5115.83	698.97

DATE:	05/18/22
DESIGNED BY:	LEH
DRAWN BY:	WRG
CHECKED BY:	CAB
APPROVED BY:	XZ

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REVISIONS

REV	DATE	REVISION DESCRIPTION	DRN	APP
J	05/18/22	SUBCELLS G4–G6 REVISIONS	LEH	XZ
I	10/08/21	SUBCELLS G4–G7 REVISIONS; FINAL GRADE MODIFICATIONS; MISCELLANEOUS CHANGES	WRG	XZ
H1	5/10/22	REVISED LINER GRADES IN F3	LEH	XZ
H	8/25/21	RESPONSE TO EGLE COMMENTS	LEH	XZ
G	7/14/21	REVISED LINER GRADES IN F1–F4 AND OTHER MINOR CORRECTIONS	LEH	XZ
F	11/20/20	SUBCELLS F1–F4 REVISIONS	WRG	XZ
C	5/02/18	SUBCELLS G2 AND G3 REVISIONS	PAA	XZ

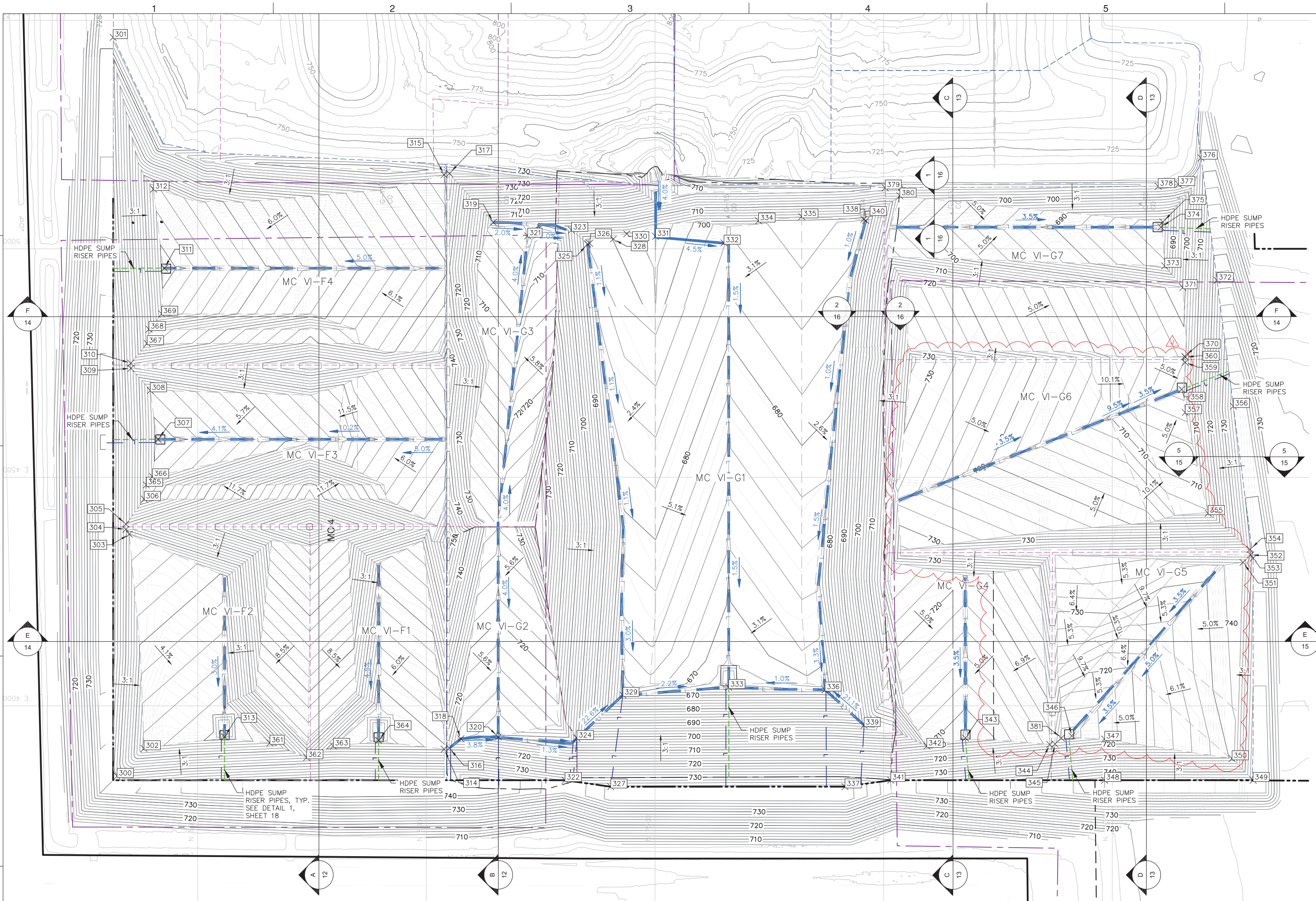
WAYNE DISPOSAL, INC. SITE NO. 2 - MASTER CELL VI-F&G
VAN BUREN TOWNSHIP, WAYNE COUNTY, MICHIGAN

TOP OF SECONDARY LINER GRADING PLAN

PROJECT NUMBER
1218070017

SCALE
1" = 100'

DRAWING NO
05



0 100 200
SCALE IN FEET

LEGEND

—— 500 ——	EXISTING MAJOR CONTOURS
————	EXISTING MAJOR CONTOURS
—— 500 ——	MASTER CELL VI–F & G MAJOR CONTOURS
————	MASTER CELL VI–F & G MINOR CONTOURS
— — — —	GRADE BREAK
⊠100	PROPOSED POINT NO.
3:1 →	SLOPE
- - - - - -	SUBCELL BOUNDARY
————	CELL BOUNDARY
—— — ——	AS–BUILT BOUNDARY
━━ L ━━ →	LEACHATE COLLECTION PIPE AND FLOW DIRECTION
—— L ——	LEACHATE CLEANOUT PIPE
▭	PRIMARY COLLECTION SUMP
— — — —	SOLID SUMP RISER PIPE

NOTES:

1. THE BASE MAP WAS CREATED USING AN AERIAL DRONE SURVEY PROVIDED BY DRONEVIEW TECHNOLOGIES, DATED DECEMBER 10, 2020. UPDATED WITH DRONE AERIAL SURVEY DATED APRIL 2, 2021.
2. GRADES, PIPING, AND GEOCOMPOSITE DEPICTED IN MC VI–G SUBCELLS G1–G2 REPRESENT AS–BUILT TOP OF PRIMARY LINER.

PRIMARY COORDINATE POINTS

Point #	Northing	Easting	Elevation
300	8676.40	3846.28	734.54
301	8685.01	5462.64	728.25
302	8617.38	3906.71	712.94
303	8649.60	4375.66	727.86
304	8657.24	4386.11	730.42
305	8657.19	4397.62	730.43
306	8616.71	4452.40	717.06
307	8586.84	4583.16	738.81
308	8603.70	4689.90	712.00
309	8646.14	4738.22	725.58
310	8646.48	4749.72	725.56

PRIMARY COORDINATE POINTS

Point #	Northing	Easting	Elevation
311	8572.76	4957.47	697.64
312	8596.51	5130.39	703.29
313	8441.35	3932.29	707.95
314	7960.91	3905.27	719.50
315	7961.26	5161.96	736.10
316	7949.75	3907.70	718.61
317	7949.45	5164.97	738.31
318	7924.50	3928.02	711.75
319	7853.52	5057.82	702.31
320	7842.87	3931.97	708.82
321	7778.32	5028.27	701.20

PRIMARY COORDINATE POINTS

Point #	Northing	Easting	Elevation
322	7696.73	3837.32	733.74
323	7682.58	5040.91	697.50
324	7670.57	3929.29	702.88
325	7647.35	5010.49	687.00
326	7642.85	5012.25	688.18
327	7596.74	3823.09	738.60
328	7591.06	5021.51	690.24
329	7570.10	4023.55	671.56
330	7561.67	5032.75	691.59
331	7498.71	5027.05	693.52
332	7349.00	5012.85	686.42

PRIMARY COORDINATE POINTS

Point #	Northing	Easting	Elevation
333	7338.74	4040.74	666.42
334	7273.49	5061.28	687.73
335	7179.18	5070.45	689.94
336	7128.04	4035.19	668.55
337	7084.38	3823.30	739.24
338	7043.49	5064.48	687.10
339	7042.63	3957.62	692.90
340	7038.96	5061.69	685.79
341	6984.38	3837.32	732.38
342	6905.54	3911.96	710.13
343	6821.04	3929.78	706.74

PRIMARY COORDINATE POINTS

Point #	Northing	Easting	Elevation
344	6636.63	3915.52	716.79
345	6625.13	3916.54	716.85
346	6588.59	3934.36	711.99
347	6516.55	3927.33	716.00
348	6516.74	3837.32	746.00
349	6191.88	3837.32	746.00
350	6237.97	3884.80	730.38
351	6214.06	4313.84	734.09
352	6197.42	4330.56	735.81
353	6191.88	4323.06	741.29
354	6198.61	4342.06	739.71

PRIMARY COORDINATE POINTS

Point #	Northing	Easting	Elevation
355	6290.21	4421.30	712.32
356	6235.08	4655.62	738.04
357	6340.31	4641.95	703.14
358	6348.07	4692.23	699.98
359	6340.43	4751.42	701.83
360	6340.08	4762.92	701.83
361	8342.16	3918.88	713.80
362	8261.82	3887.00	725.54
363	8203.29	3912.03	718.03
364	8104.44	3924.55	713.57
365	8612.28	4483.38	715.64

PRIMARY COORDINATE POINTS

Point #	Northing	Easting	Elevation
366	8598.82	4501.60	711.19
367	8610.47	4793.01	713.10
368	8606.52	4823.99	711.44
369	8578.86	4857.57	701.75
370	6341.52	4764.63	701.33
371	6345.63	4915.50	698.23
372	6270.86	4931.07	722.96
373	6385.28	4962.52	684.48
374	6393.59	5047.34	680.74
375	6389.40	5058.83	682.01
376	6305.65	5198.88	708.30

PRIMARY COORDINATE POINTS

Point #	Northing	Easting	Elevation
377	6355.11	5141.16	707.90
378	6399.40	5136.66	707.80
379	6996.47	5133.58	710.19
380	6964.50	5115.83	704.17
381	6611.15	3929.60	712.90

DATE:	05/18/22
DESIGNED BY:	LEH
DRAWN BY:	WRG
CHECKED BY:	CAB
APPROVED BY:	XZ

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REVISIONS

REV	DATE	REVISION DESCRIPTION	DRN	APP
J	05/18/22	SUBCELLS G4–G6 REVISIONS	LEH	XZ
I	10/08/21	SUBCELLS G4–G7 REVISIONS; FINAL GRADE MODIFICATIONS; MISCELLANEOUS CHANGES	WRG	XZ
H1	5/10/22	REVISED LINER GRADES IN F3	LEH	
H	8/25/21	RESPONSE TO EGLE COMMENTS	LEH	XZ
G	7/14/21	REVISED LINER GRADES IN F1–F4 AND OTHER MINOR COMMENTS	LEH	XZ
F	05/28/21	F1–F4 REVISIONS AND RESPONSE TO EGLE COMMENTS	WRG	XZ
E	5/29/18	ADDENDUM 1	PAA	XZ

WAYNE DISPOSAL, INC. SITE NO. 2 - MASTER CELL VI-F&G
VAN BUREN TOWNSHIP, WAYNE COUNTY, MICHIGAN

TOP OF PRIMARY LINER GRADING PLAN

PROJECT NUMBER
1218070017

SCALE
1" = 100'

DRAWING NO
06