

**REICHHARDT & EBE ENGINEERING, INC.
CONSULTING ENGINEERS**

LEVEE CERTIFICATION PROJECT

PLEASE NOTE THE FOLLOWING:

These PDF plan sheets are for the City of Burlington & Dike District 12 Levee Certification Project. They are half-size (11" x 17") plans, and the drawing scale is as follows;

Horizontal: 1"=100'

Vertical: 1"=10'

These plan sheets are for informational purposes only. and shall be used as such.

Thank you for your cooperation.

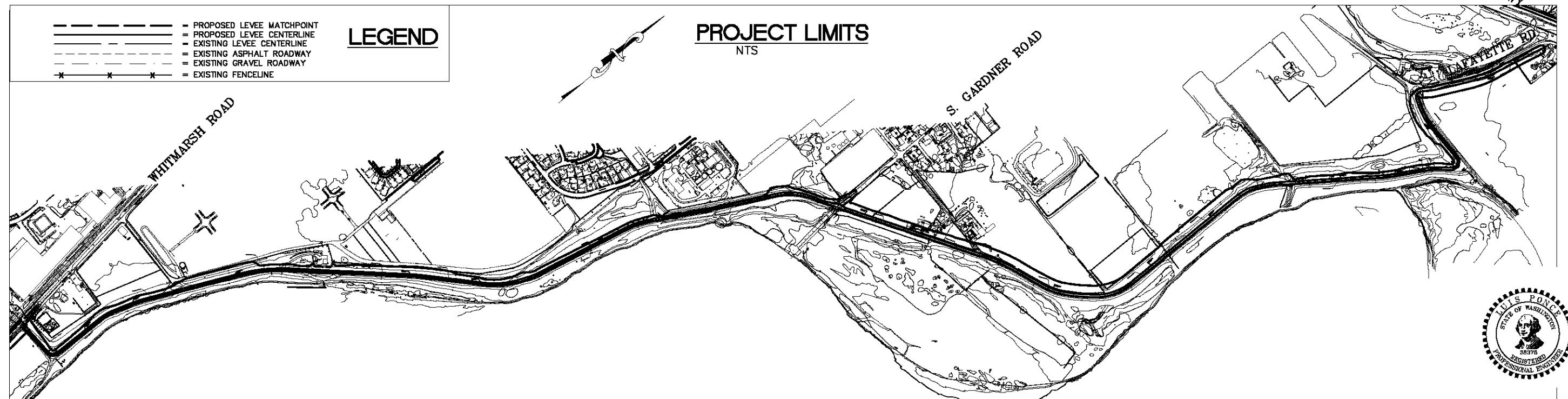
DIKE 12 LEVEE CERTIFICATION

PHASE 1: NORTHWEST TERMINUS TO BNSF CROSS LEVEE

CITY OF BURLINGTON

SHEET INDEX

COV.) COVER SHEET	5.) DIKE 12 PLAN & PROFILE STA 110+00 TO 119+50	10.) DIKE 12 PLAN & PROFILE STA 163+00 TO 173+00	15.) DIKE 12 PLAN & PROFILE STA 210+00 TO 220+50	22.) S. GARDNER DEMO PLAN
KEY.) KEY MAP	6.) DIKE 12 PLAN & PROFILE STA 119+50 TO 130+00	11.) DIKE 12 PLAN & PROFILE STA 173+00 TO 182+50	16.) DIKE 12 PLAN & PROFILE STA 220+50 TO 230+00	23.) S. GARDNER PLAN & PROFILE
1.) DIKE 12 PLAN & PROFILE STA 79+00-89+00	7.) DIKE 12 PLAN & PROFILE STA 130+00 TO 140+50	12.) DIKE 12 PLAN & PROFILE STA 182+50 TO 192+00	17.) DIKE 12 PLAN & PROFILE STA 230+00 TO 240+00	24.) S. GARDNER CROSS SECTIONS
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4.) DIKE 12 PLAN & PROFILE STA 107+00 TO 110+000			20.) SHOP WALL DETAILS	
			21.) WWTP OUTFALL STRUCTURE DETAILS	



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REICHHARDT & EBE
ENGINEERING, INC.
CONSULTING ENGINEERS
PO Box 978 423 Front St., Ste 201 Ph (360) 354-3687
Lynden, Washington 98264 Fax (360) 354-0407

NO.	DATE	REVISION	BY

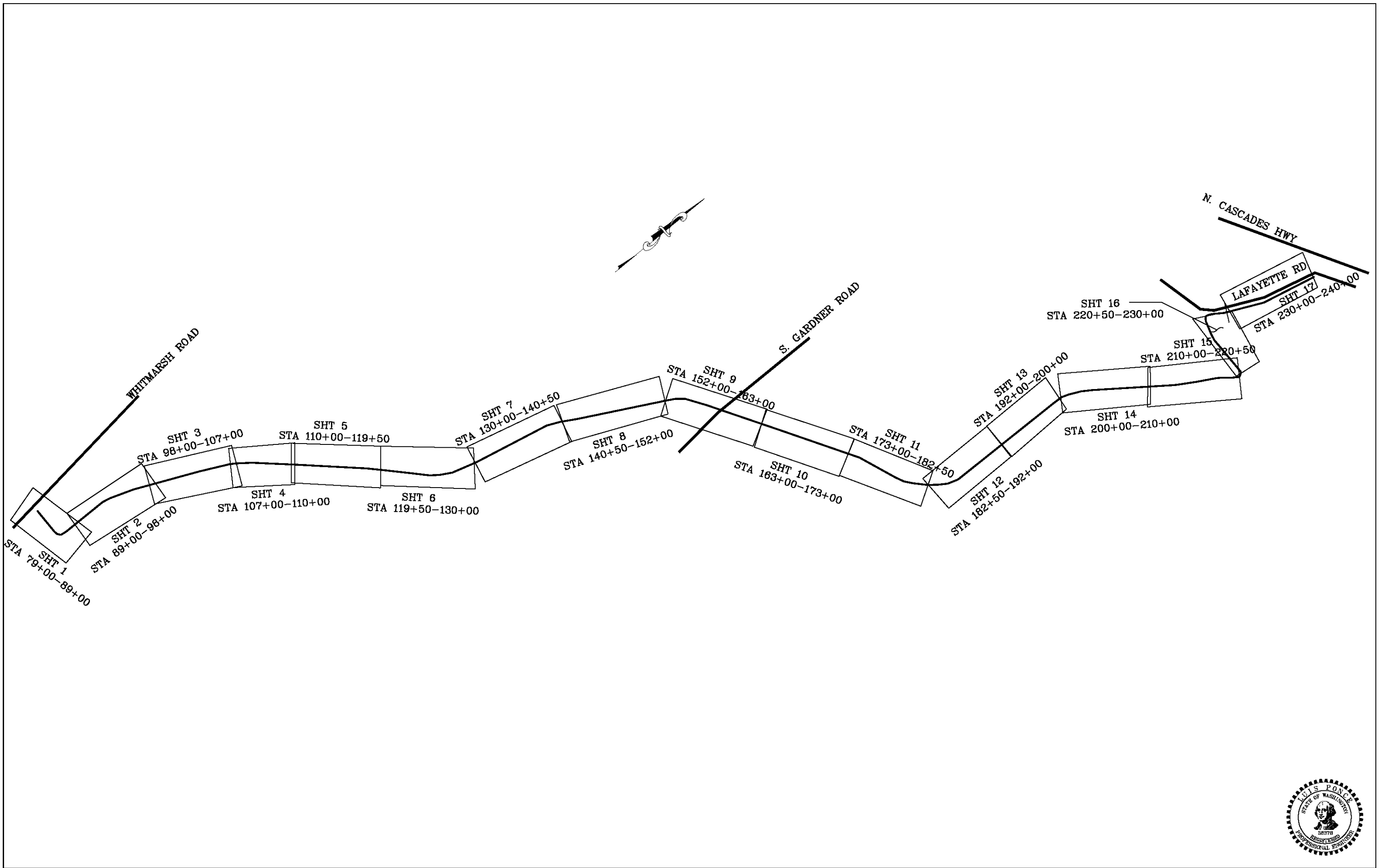
CITY OF BURLINGTON

DIKE 12 LEVEE CERTIFICATION
PROPOSED LEVEE ALIGNMENT
COVER SHEET

JOB# / DWG
09031 SP1
SCALE
H: N/A V: N/A

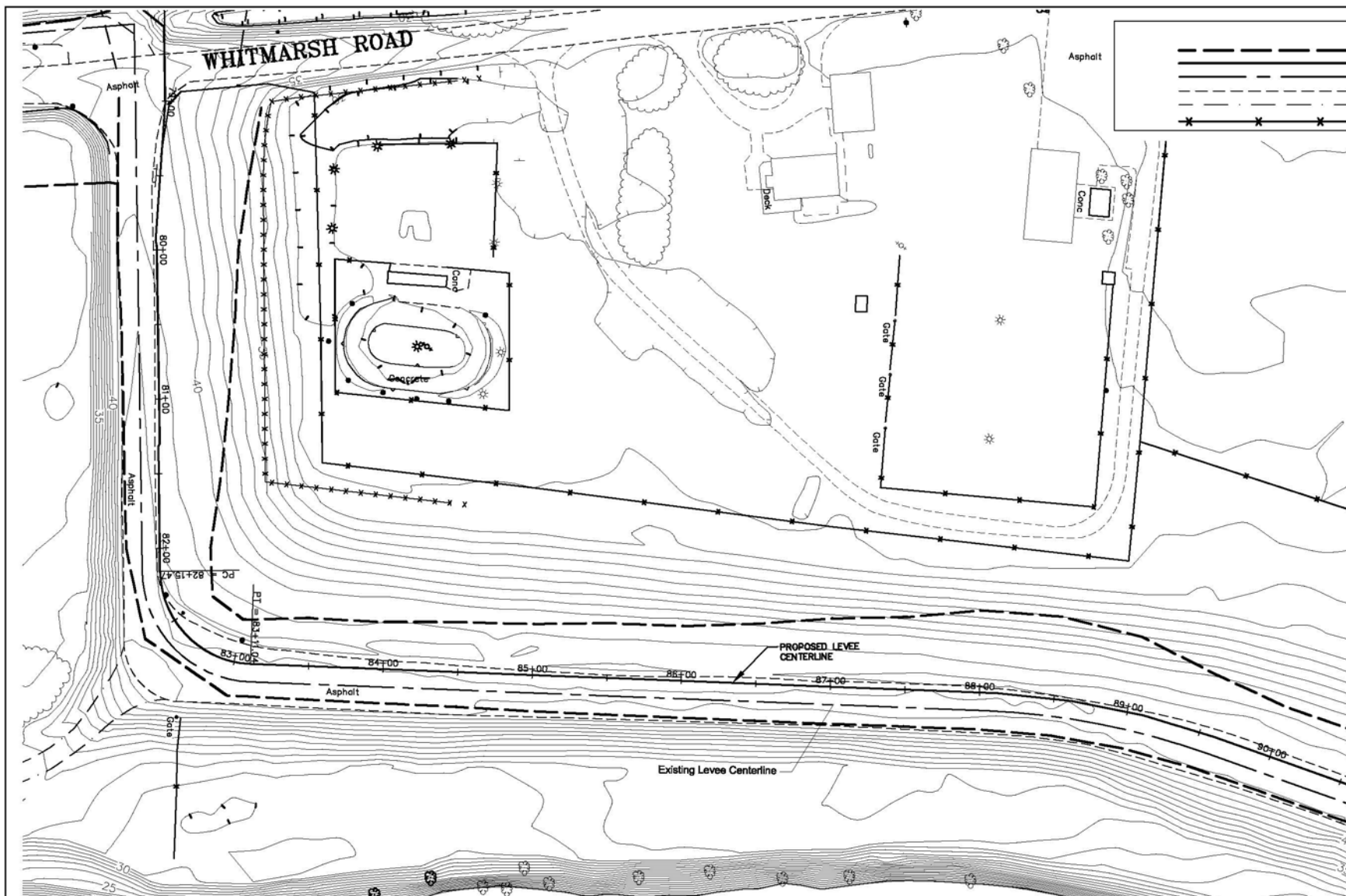
DATE
3-3-11
SHEET
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DESIGNED BY LP DRAWN BY LMC CHECKED BY LP	REICHHARDT & EBE ENGINEERING, INC. CONSULTING ENGINEERS PO Box 978 423 Front St., Ste 201 Lynden, Washington 98264 Ph (360) 354-3687 Fax (360) 354-0407	NO.	DATE	REVISION	BY	CITY OF BURLINGTON DIKE 12 LEVELLE CERTIFICATION PROPOSED LEVELLE ALIGNMENT KEY MAP	JOB# / DWG 09031 SP1	DATE 3-3-11
		SCALE H: N/A V: N/A	SHEET KEY					

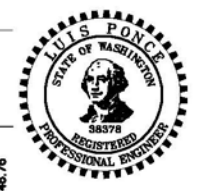
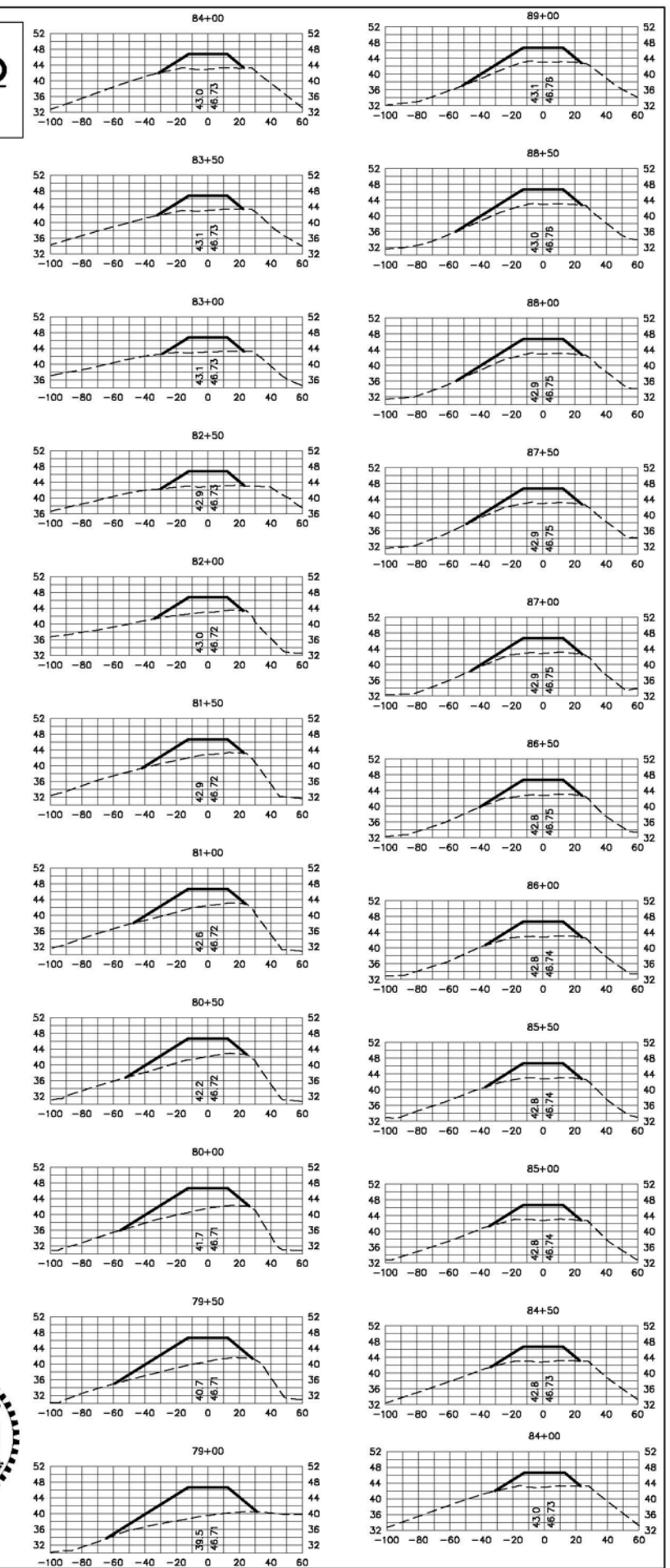
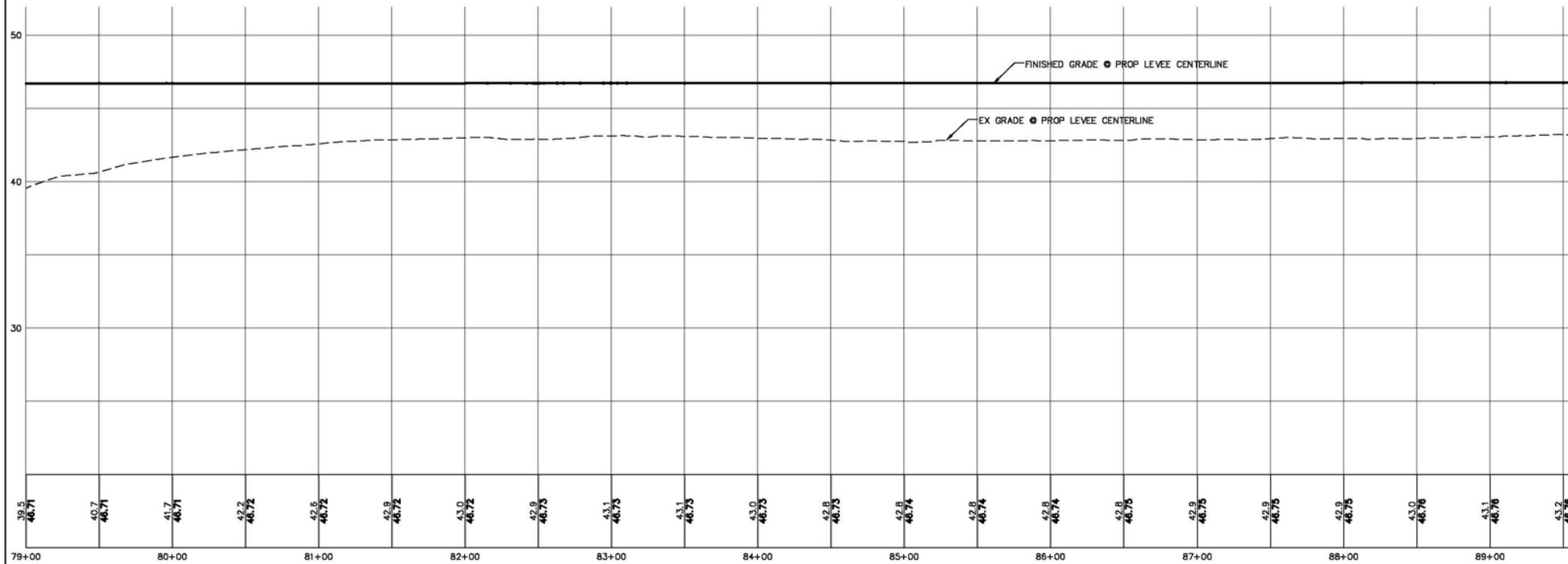
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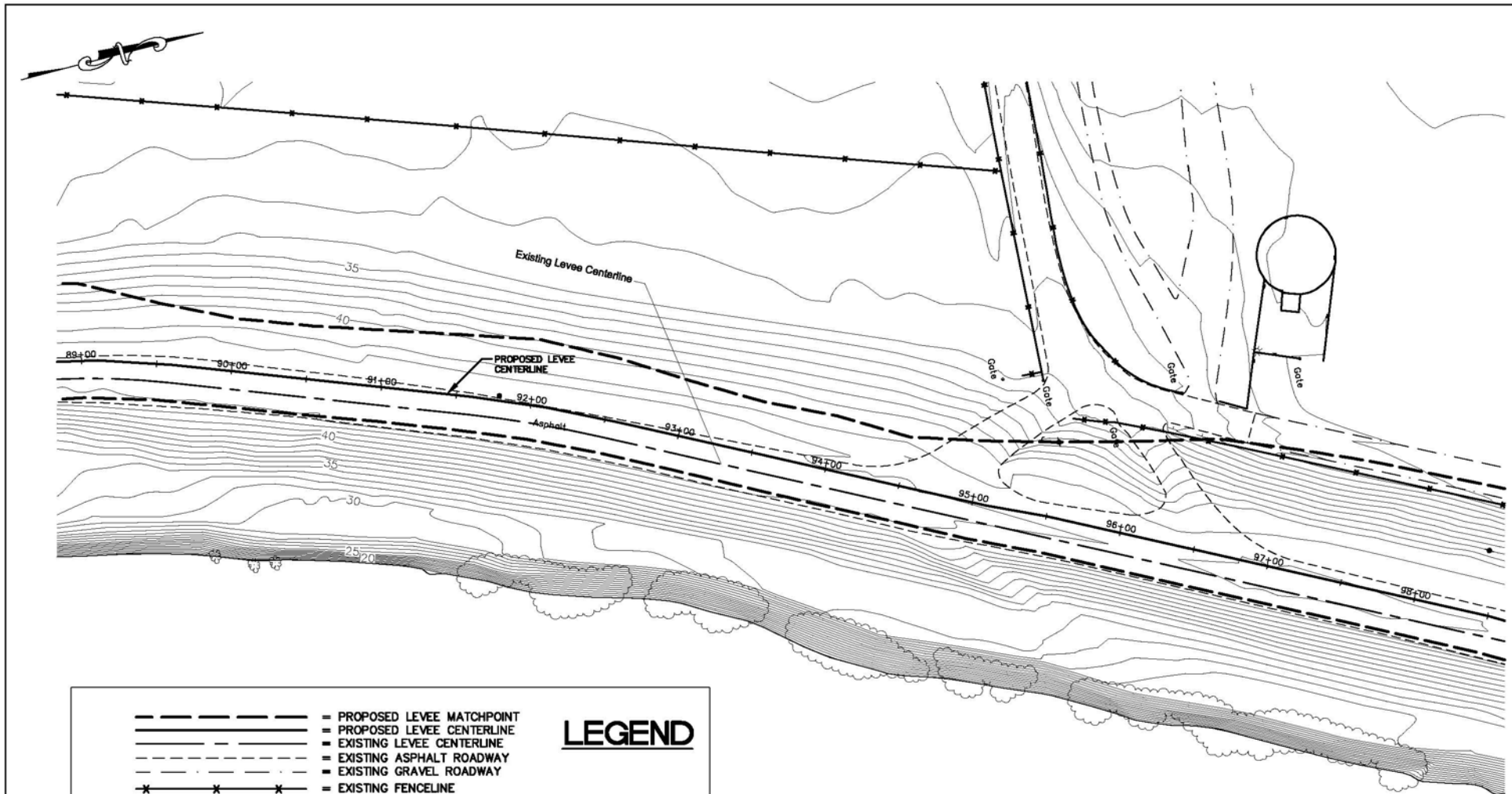
- PROPOSED LEVEE MATCHPOINT
- PROPOSED LEVEE CENTERLINE
- EXISTING LEVEE CENTERLINE
- EXISTING ASPHALT ROADWAY
- EXISTING GRAVEL ROADWAY
- EXISTING FENCELINE

Station	Fill Volume (CY)	Cumulative Fill Volume (CY)
79+00	721	721
79+50	659	1,380
80+00	620	2,000
80+50	552	2,552
81+00	435	2,987
81+50	313	3,300
82+00	263	3,562
82+50	254	3,817
83+00	259	4,075
83+50	261	4,336
84+00	266	4,603
84+50	276	4,879
85+00	288	5,166
85+50	294	5,460
86+00	299	5,759
86+50	307	6,066
87+00	310	6,376
87+50	329	6,705
88+00	350	7,055
88+50	344	7,399
89+00	307	7,705



DESIGNED BY LP DRAWN BY LMC CHECKED BY LP	<p>REICHARDT & EBE ENGINEERING, INC. CONSULTING ENGINEERS</p> <p>PO Box 978 423 Front St., Ste 201 Ph (360) 354-3687 Lynden, Washington 98264 Fax (360) 354-0407</p>	CITY OF BURLINGTON	DIKE 12 LEVEE CERTIFICATION PROPOSED LEVEE ALIGNMENT STA 79+00 TO 89+00	JOB# / DWG 09031 SP1 SCALE H: 1"=50' V: 1"=5' DATE 3-3-11 SHEET 1
NO. DATE REVISION BY				

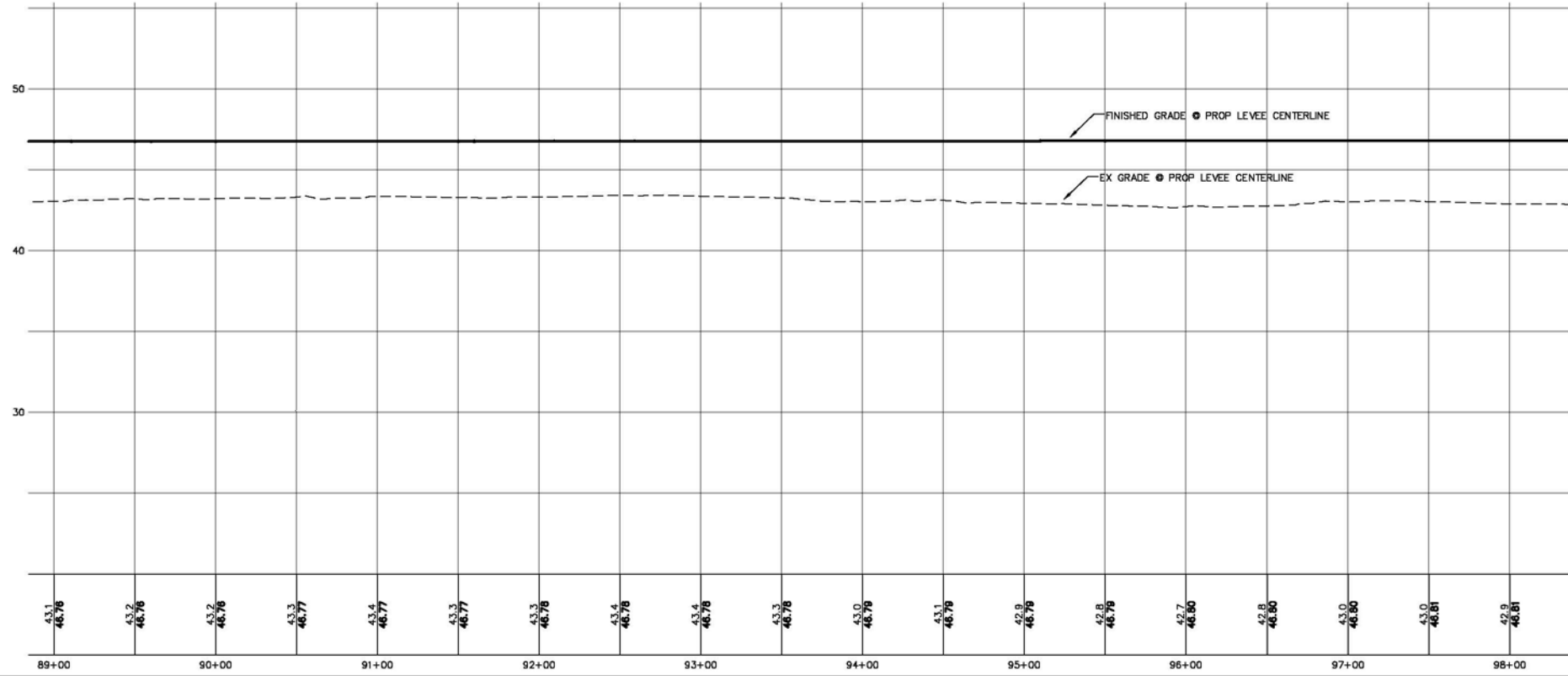
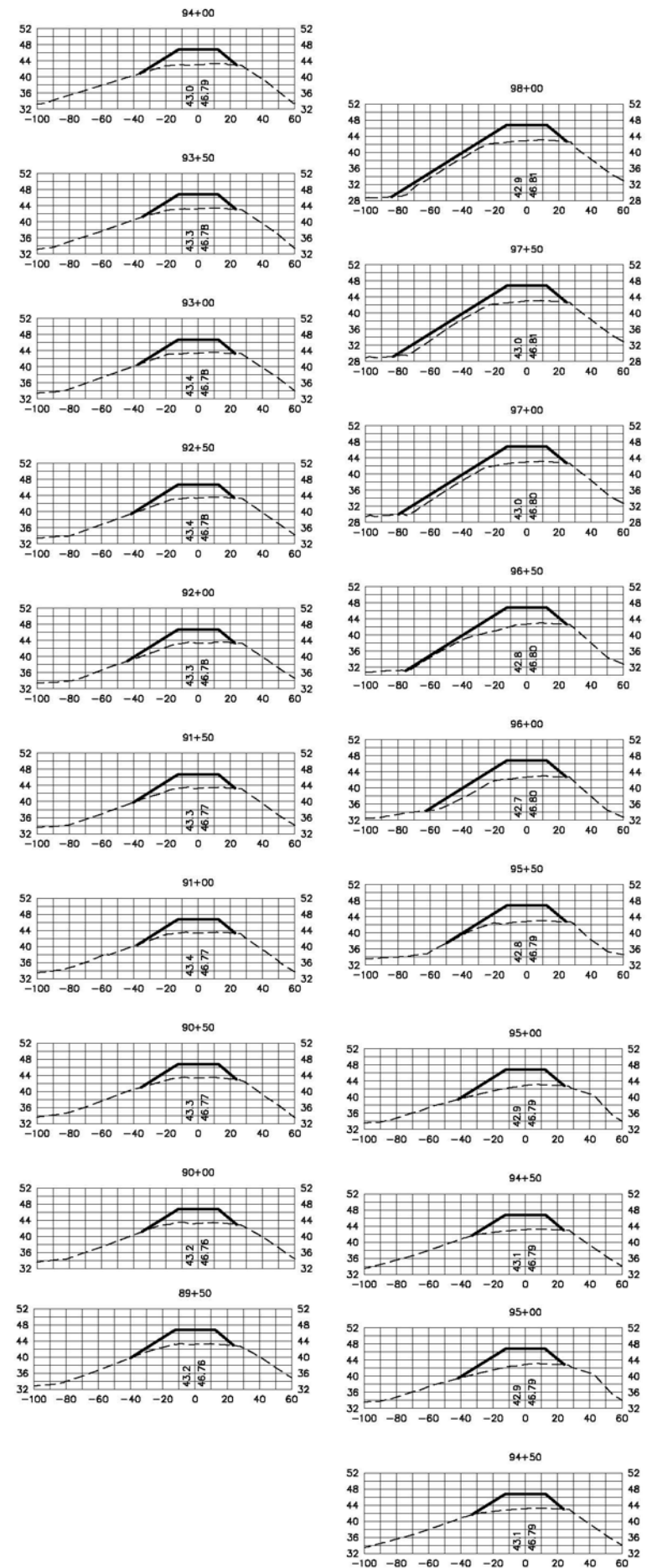
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	= PROPOSED LEVEE MATCHPOINT
	= PROPOSED LEVEE CENTERLINE
	= EXISTING LEVEE CENTERLINE
	= EXISTING ASPHALT ROADWAY
	= EXISTING GRAVEL ROADWAY
	= EXISTING FENCELINE

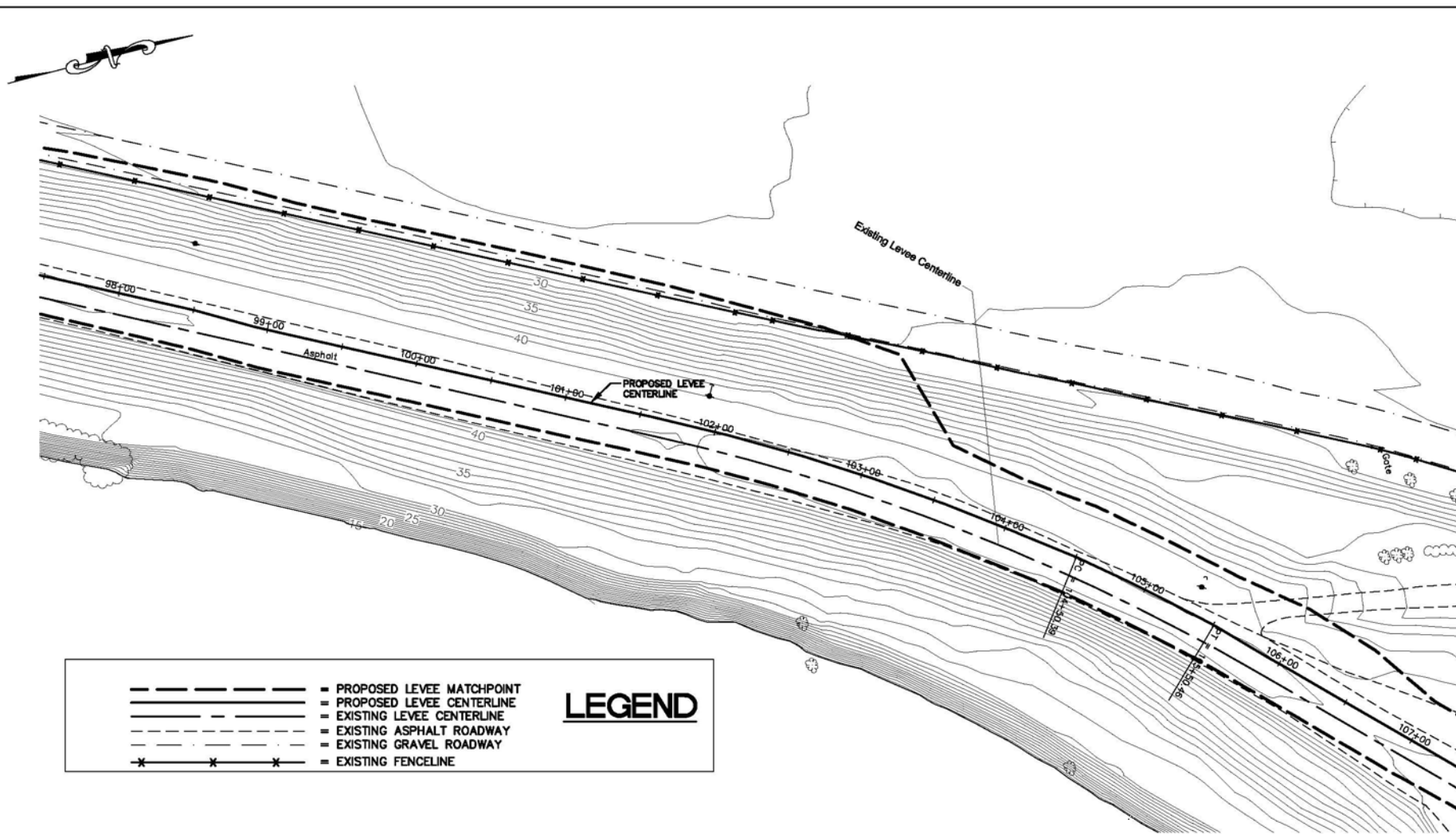
LEGEND

Station	Fill Volume (CY)	Cumulative Fill Volume (CY)
89+50	268	7,974
90+00	257	8,231
90+50	256	8,487
91+00	261	8,749
91+50	277	9,026
92+00	277	9,302
92+50	262	9,564
93+00	258	9,822
93+50	270	10,092
94+00	281	10,372
94+50	314	10,687
95+00	330	11,017
95+50	368	11,384
96+00	405	11,790
96+50	406	12,196
97+00	427	12,623
97+50	428	13,051
98+00	425	13,476



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NO. DATE REVISION BY					

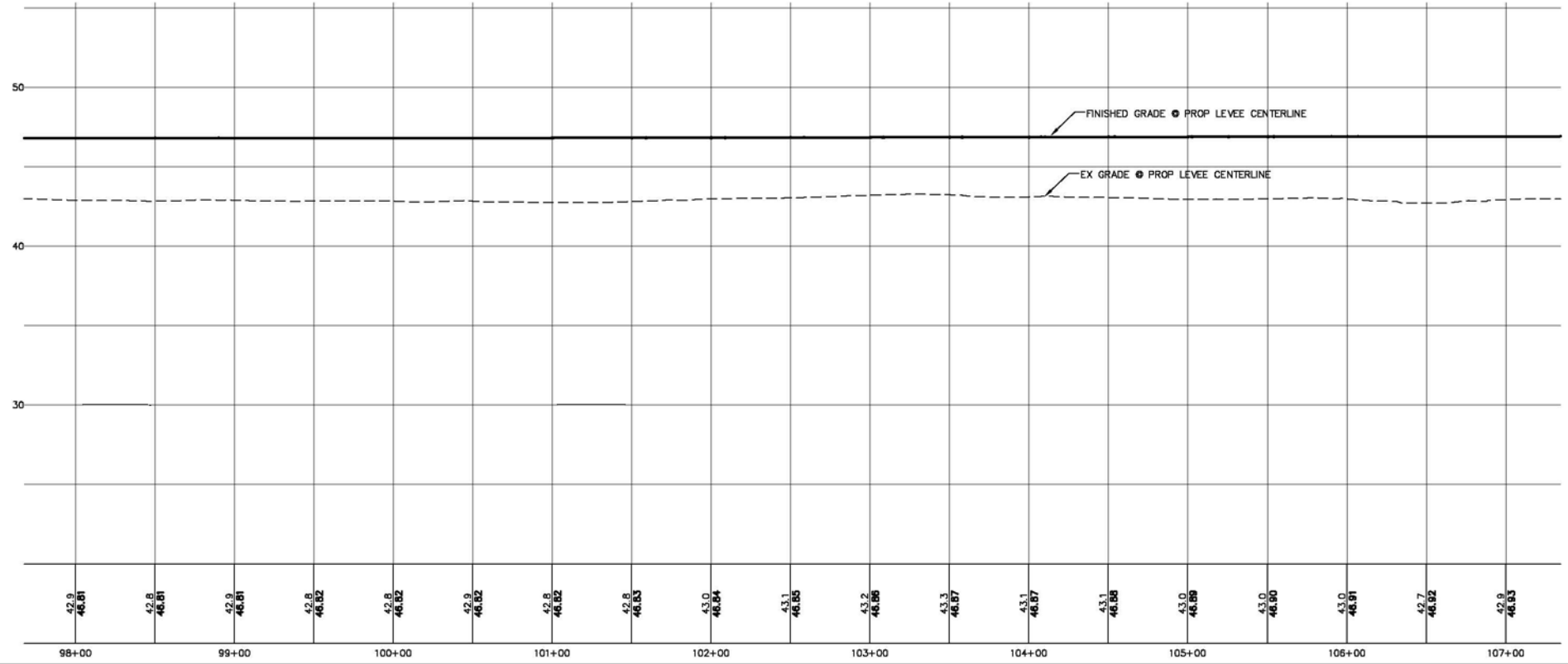
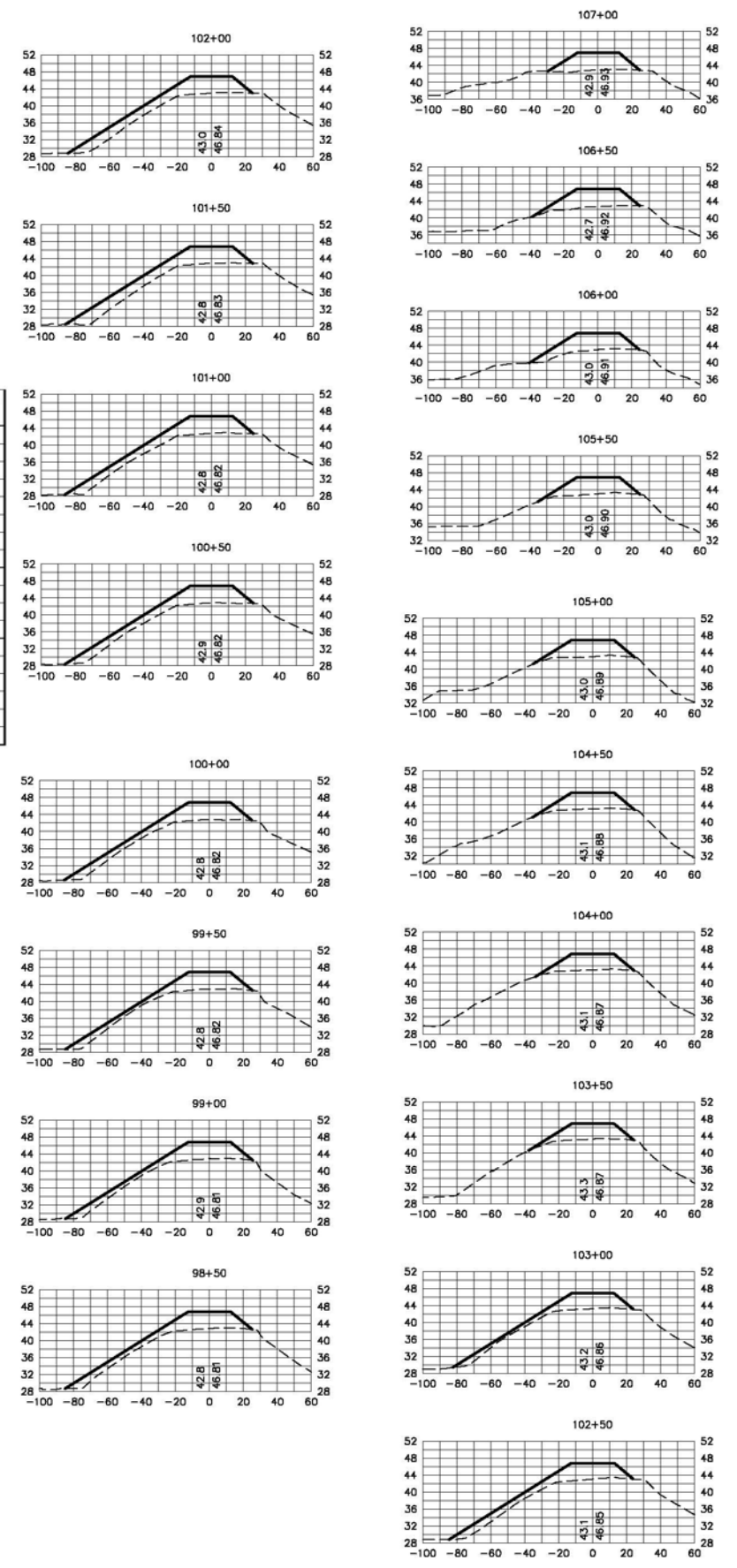
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Station	Fill Volume (CY)	Cumulative Fill Volume (CY)
98+50	438	13,913
99+00	450	14,363
99+50	468	14,831
100+00	506	15,337
100+50	529	15,866
101+00	561	16,428
101+50	564	16,992
102+00	503	17,495
102+50	419	17,913
103+00	326	18,239
103+50	280	18,519
104+00	283	18,802
104+50	289	19,091
105+00	295	19,386
105+50	323	19,709
106+00	343	20,052
106+50	319	20,371
107+00	292	20,663

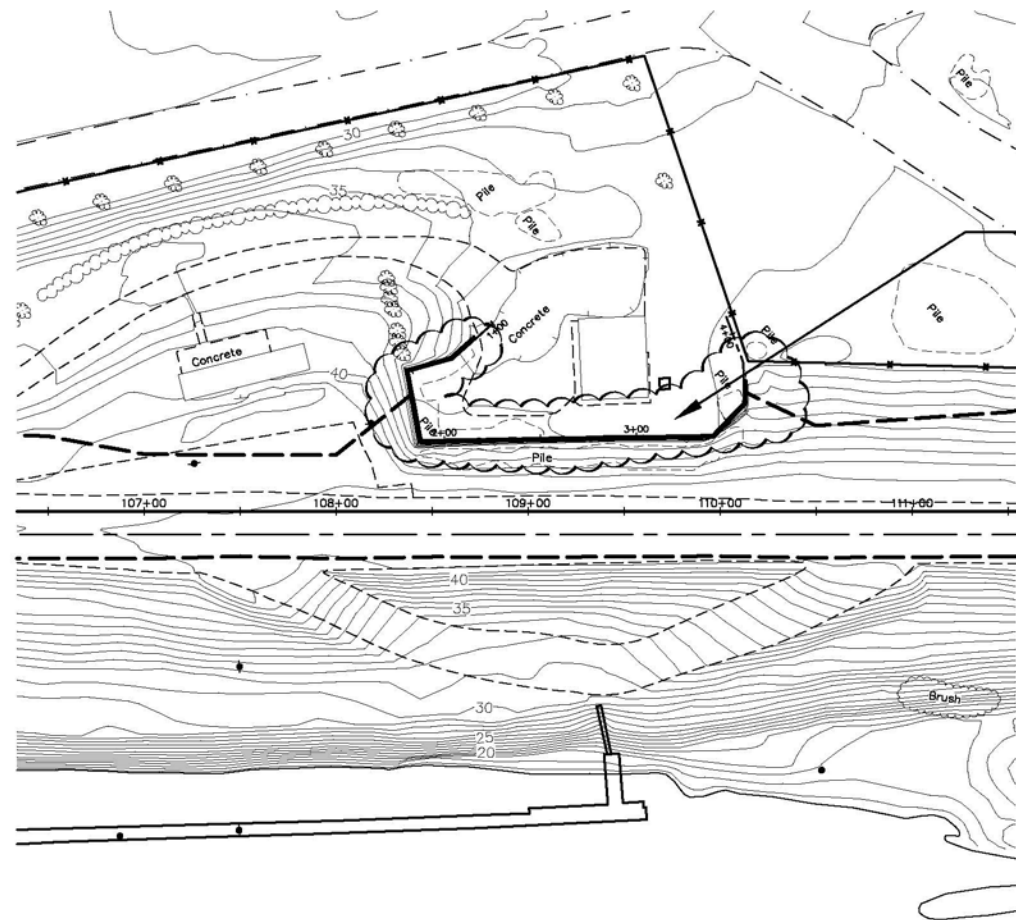
LEGEND

- PROPOSED LEVEE MATCHPOINT
- PROPOSED LEVEE CENTERLINE
- EXISTING LEVEE CENTERLINE
- EXISTING ASPHALT ROADWAY
- EXISTING GRAVEL ROADWAY
- EXISTING FENCELINE

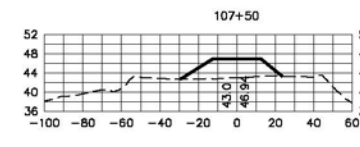
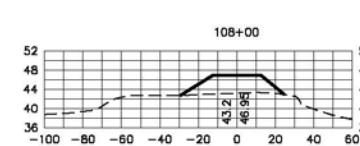
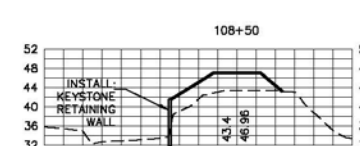
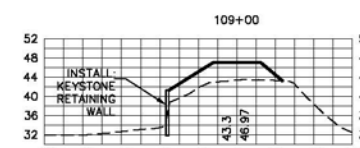
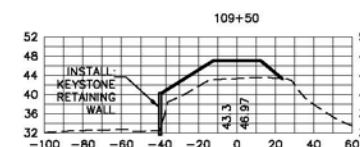
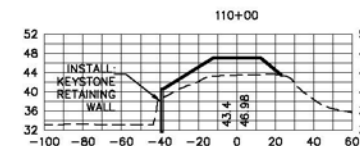
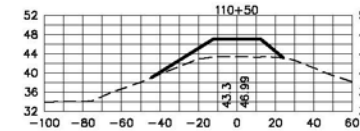
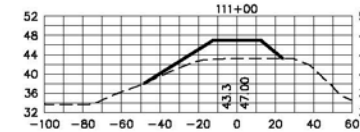


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NO. DATE REVISION BY					

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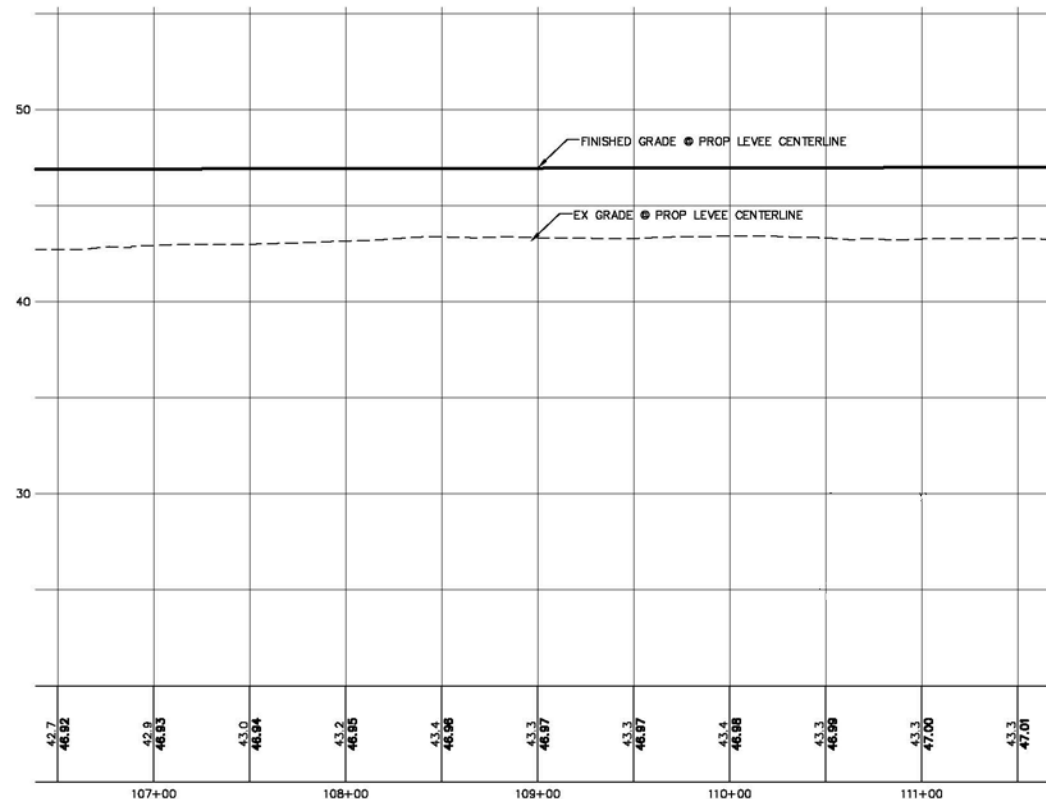
SEE SHEETS 18-20 FOR SHOP WALL DETAILS



LEGEND

- PROPOSED LEVEE MATCHPOINT
- PROPOSED LEVEE CENTERLINE
- - - EXISTING LEVEE CENTERLINE
- EXISTING ASPHALT ROADWAY
- EXISTING GRAVEL ROADWAY
- EXISTING FENCELINE

Station	Fill Volume (CY)	Cumulative Fill Volume (CY)
107+50	281	20,944
108+00	445	21,389
108+50	602	21,992
109+00	596	22,587
109+50	543	23,131
110+00	393	23,524
110+50	306	23,831
111+00	320	24,150



42.7 46.82	42.9 46.83	43.0 46.84	43.2 46.85	43.4 46.86	43.3 46.87	43.3 46.87	43.4 46.88	43.3 46.89	43.3 47.00	43.3 47.01
107+00	108+00	109+00	110+00	111+00						



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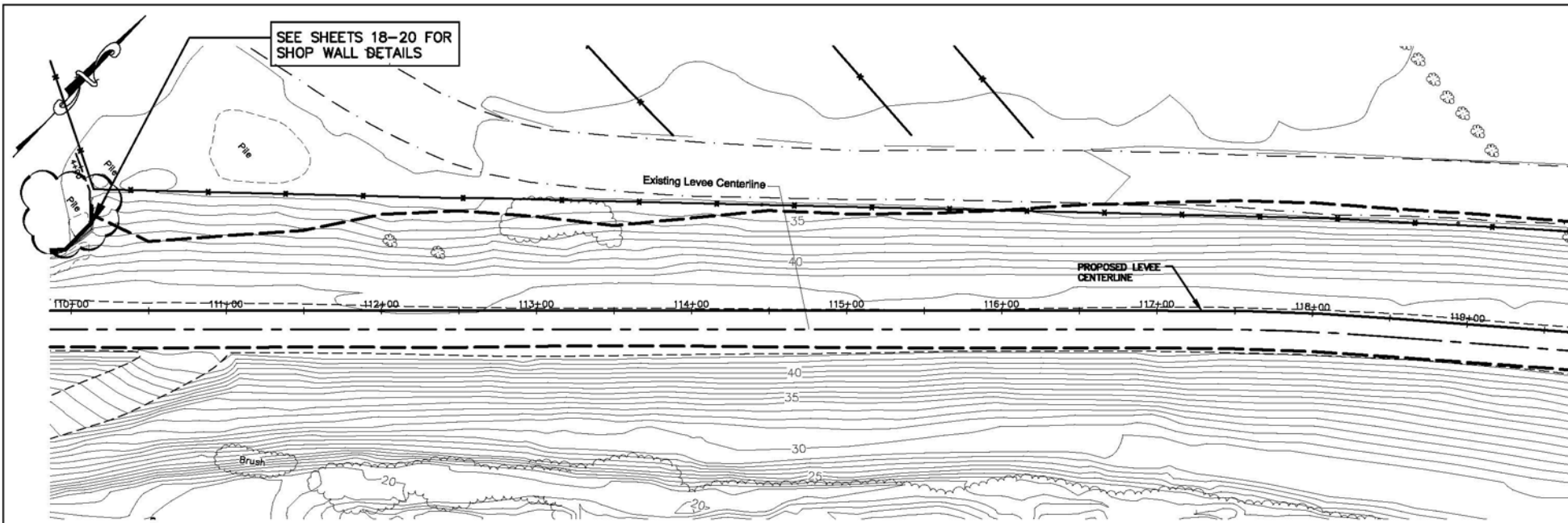
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NO.	DATE	REVISION	BY

CITY OF BURLINGTON

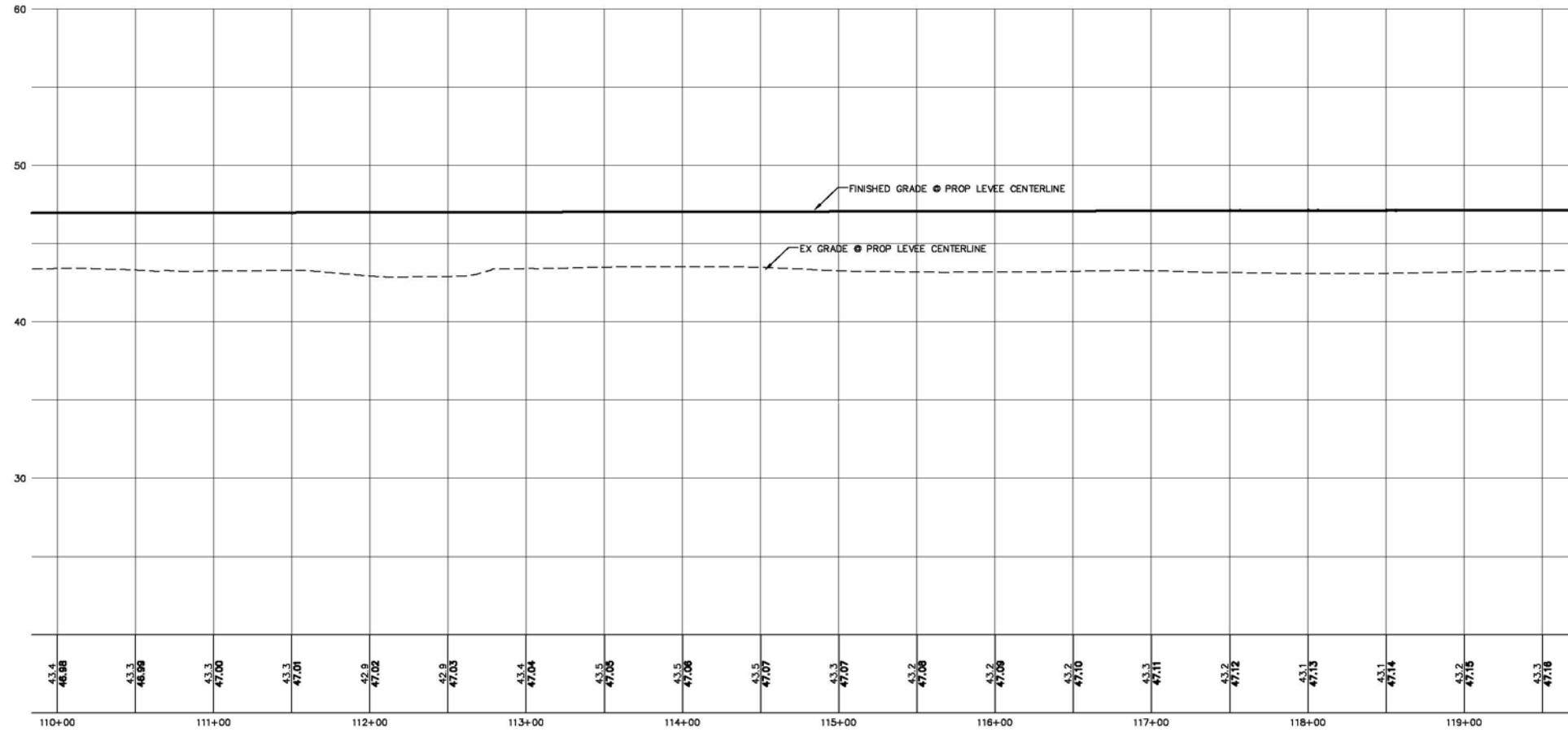
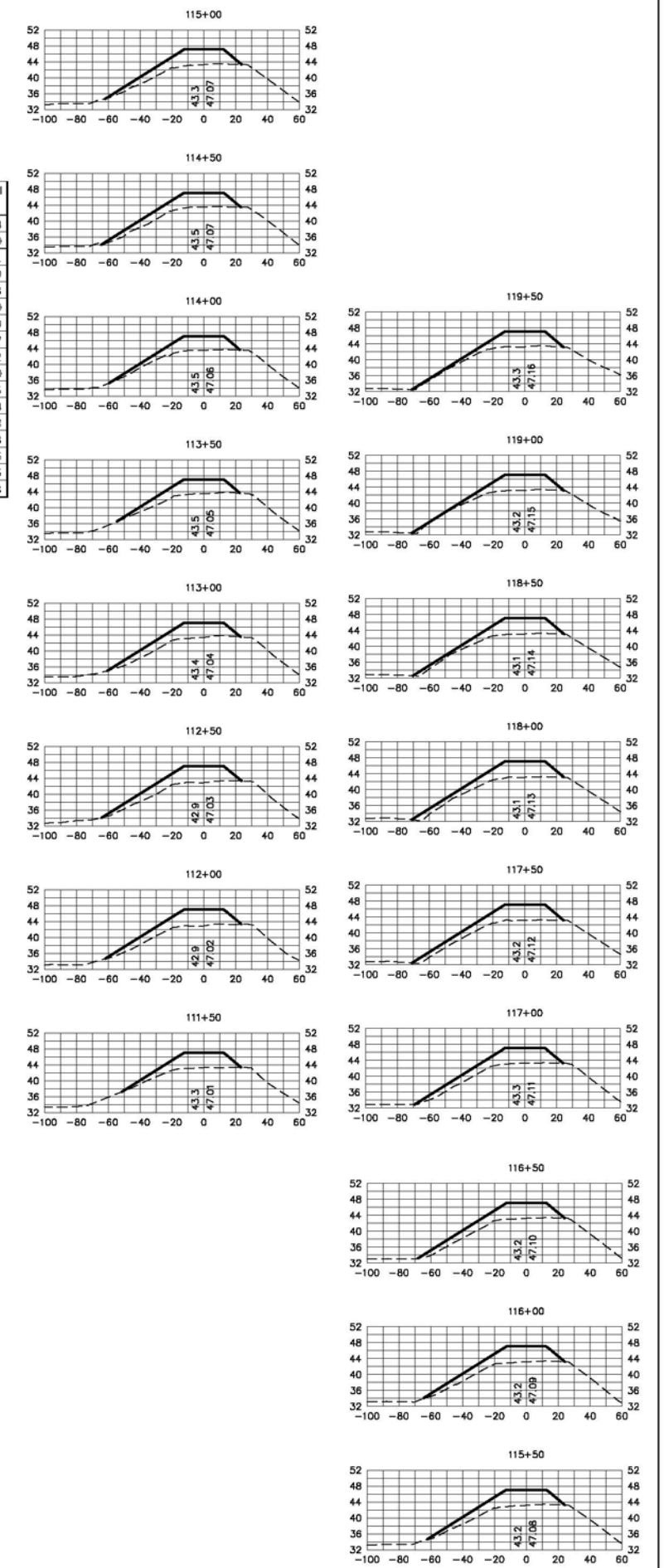
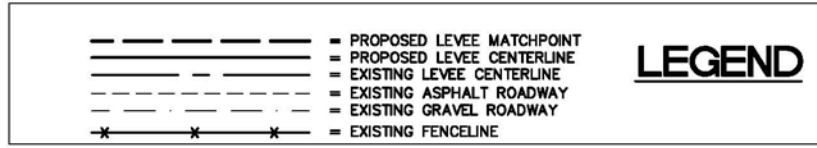
DIKE 12 LEVEE CERTIFICATION
PROPOSED LEVEE ALIGNMENT
STA 107+00 TO 110+00

JOB# / DWG	09031 SP1	DATE	3-3-11
SCALE	H: 1" = 50' V: 1" = 5'	SHEET	4

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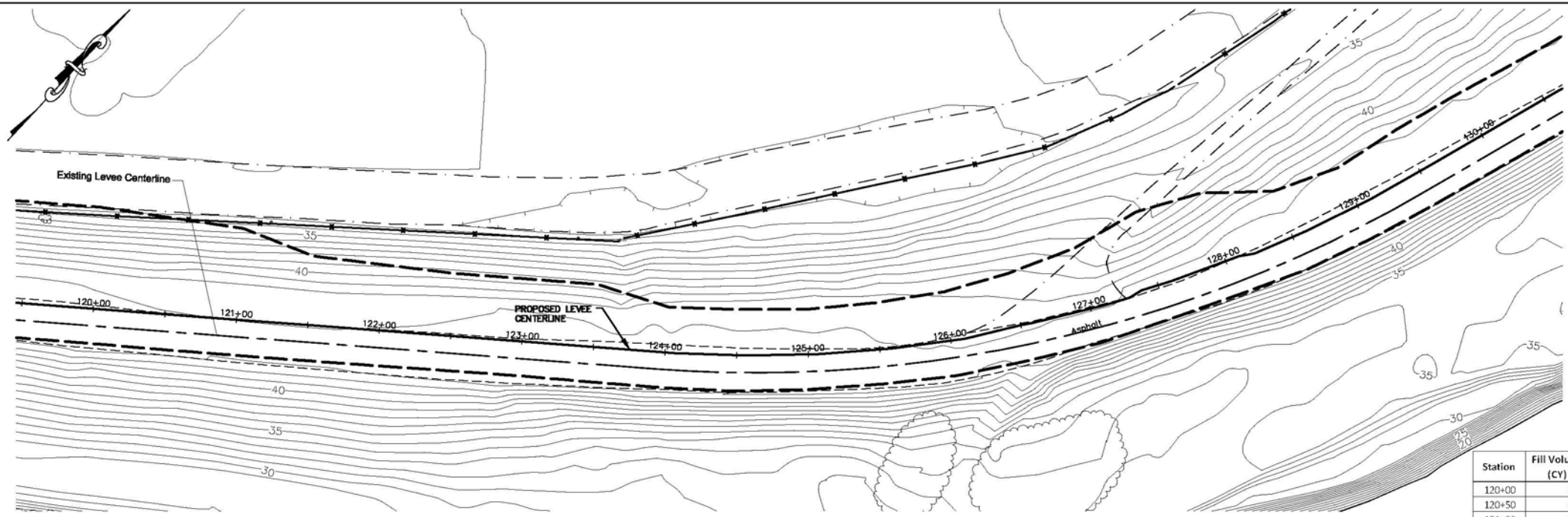


Station	Fill Volume (CY)	Cumulative Fill Volume (CY)
111+50	364	24,514
112+00	406	24,920
112+50	391	25,311
113+00	348	25,659
113+50	324	25,983
114+00	347	26,330
114+50	379	26,709
115+00	388	27,097
115+50	395	27,492
116+00	408	27,900
116+50	415	28,315
117+00	419	28,734
117+50	424	29,158
118+00	405	29,563
118+50	363	29,926
119+00	339	30,265
119+50	348	30,613



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		SCALE H: 1" = 50' V: 1" = 5'		SHEET 5					

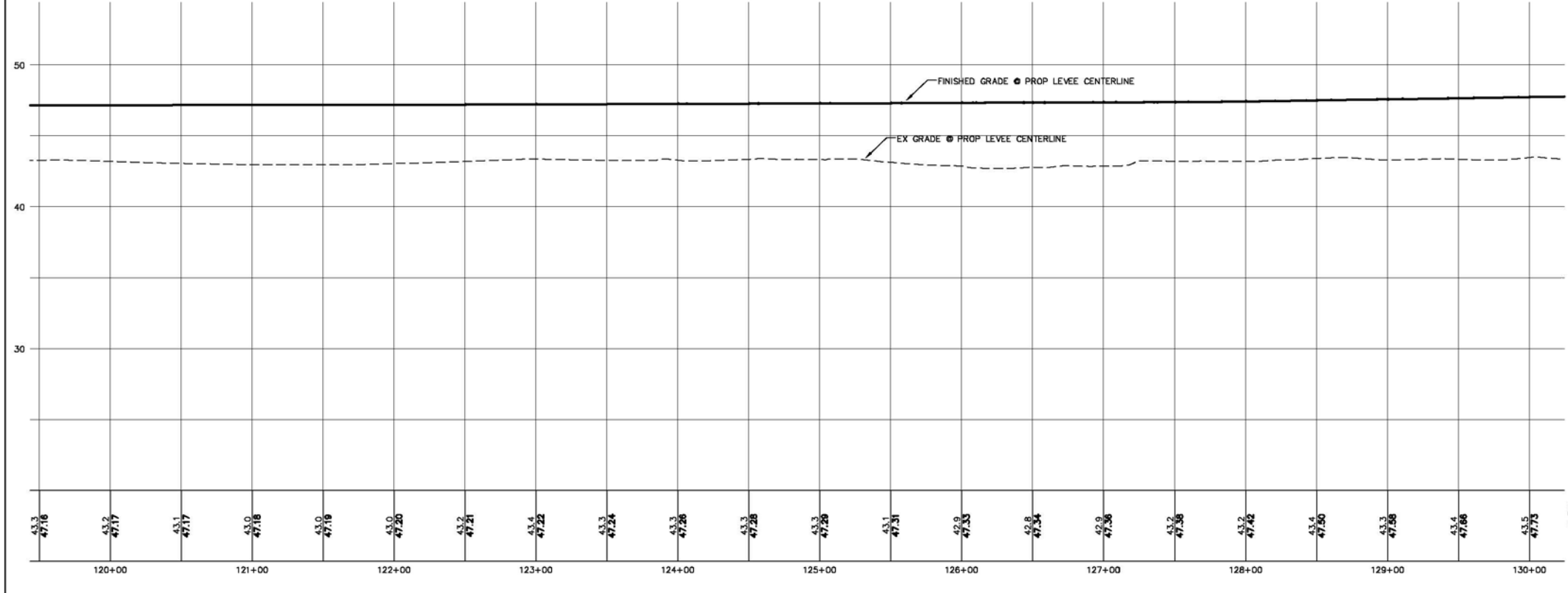
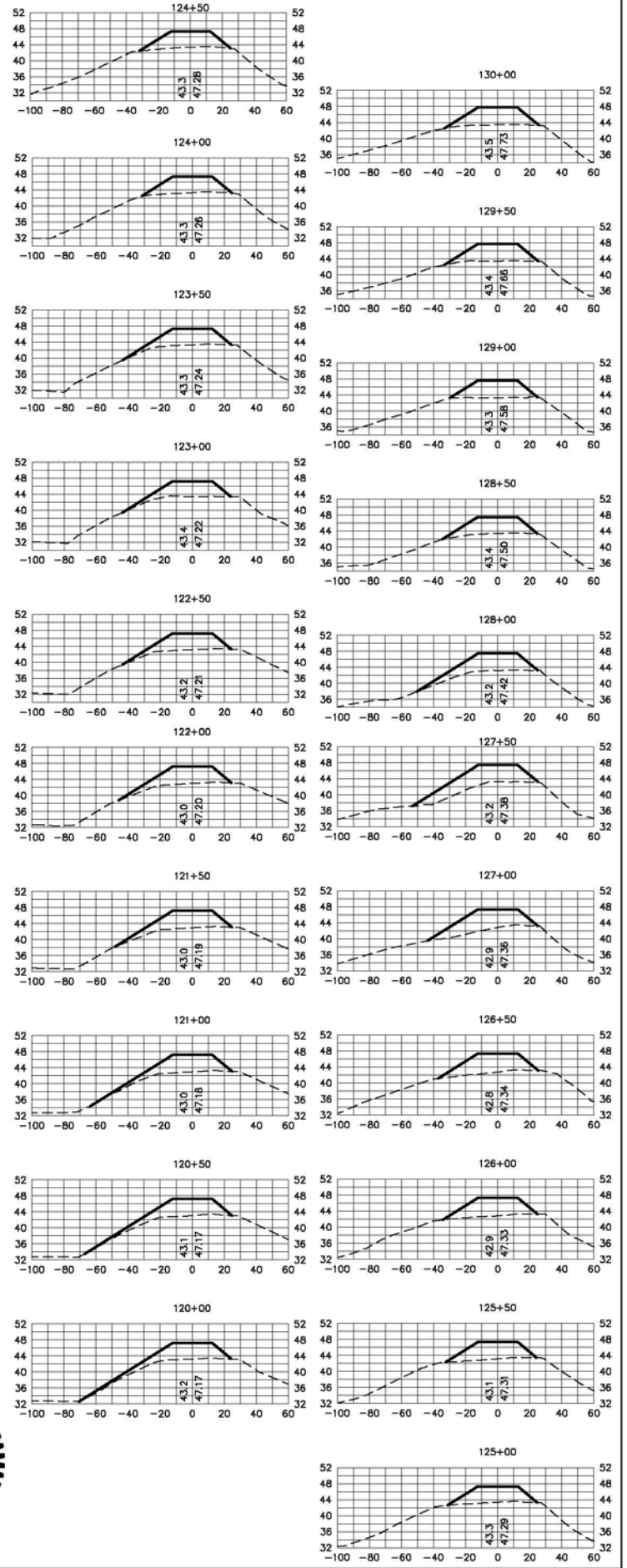
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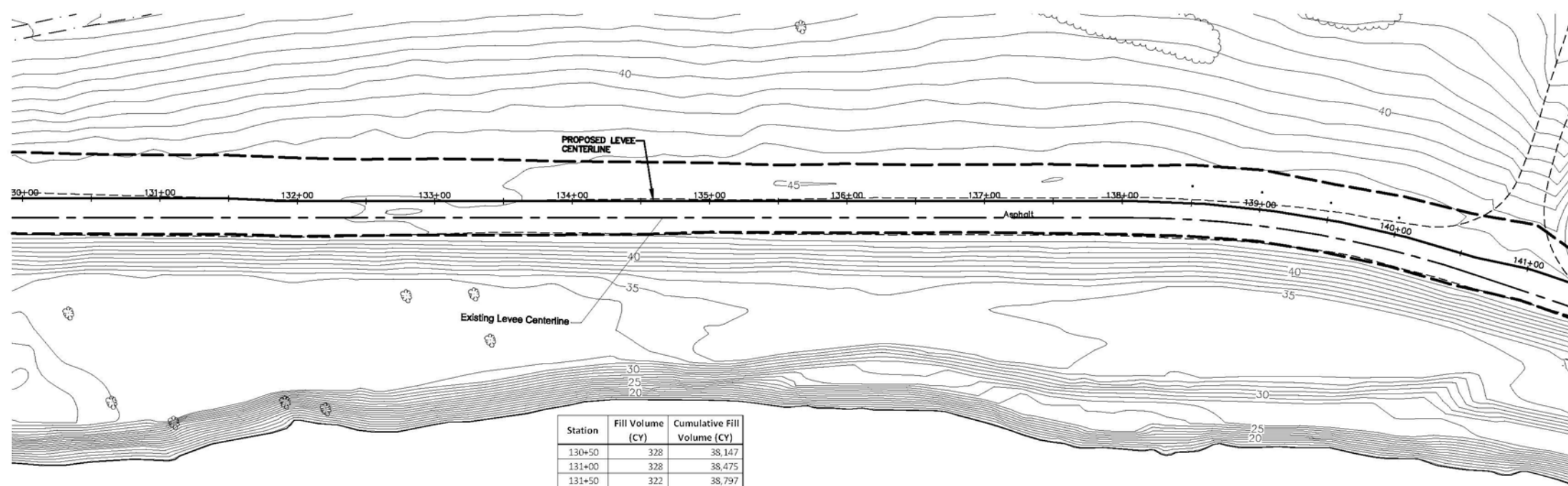
LEGEND

- PROPOSED LEVEE MATCHPOINT
- PROPOSED LEVEE CENTERLINE
- EXISTING LEVEE CENTERLINE
- EXISTING ASPHALT ROADWAY
- EXISTING GRAVEL ROADWAY
- EXISTING FENCELINE

Station	Fill Volume (CY)	Cumulative Fill Volume (CY)
120+00	362	30,975
120+50	363	31,338
121+00	362	31,700
121+50	354	32,055
122+00	333	32,388
122+50	308	32,695
123+00	305	33,001
123+50	306	33,307
124+00	298	33,606
124+50	299	33,905
125+00	309	34,214
125+50	332	34,546
126+00	361	34,907
126+50	400	35,307
127+00	451	35,758
127+50	428	36,186
128+00	348	36,533
128+50	315	36,849
129+00	317	37,165
129+50	325	37,491
130+00	328	37,819



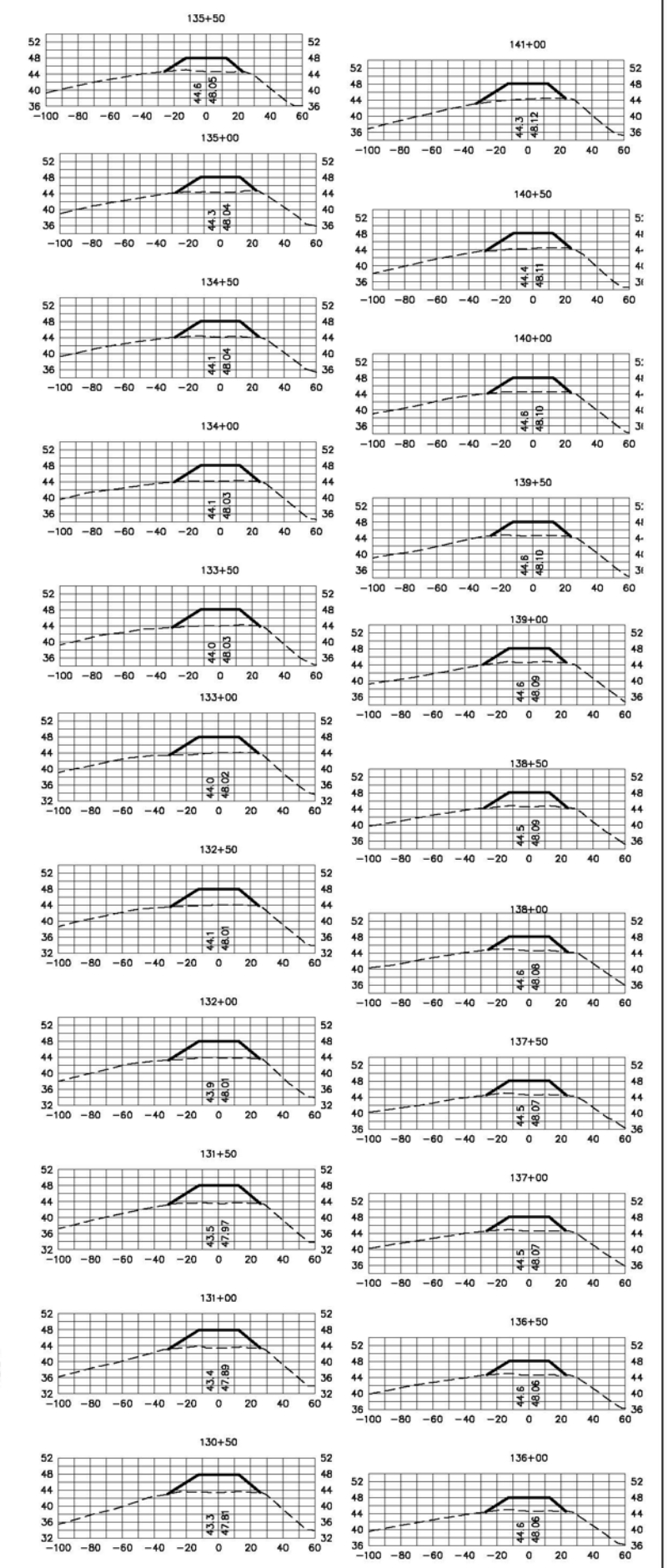
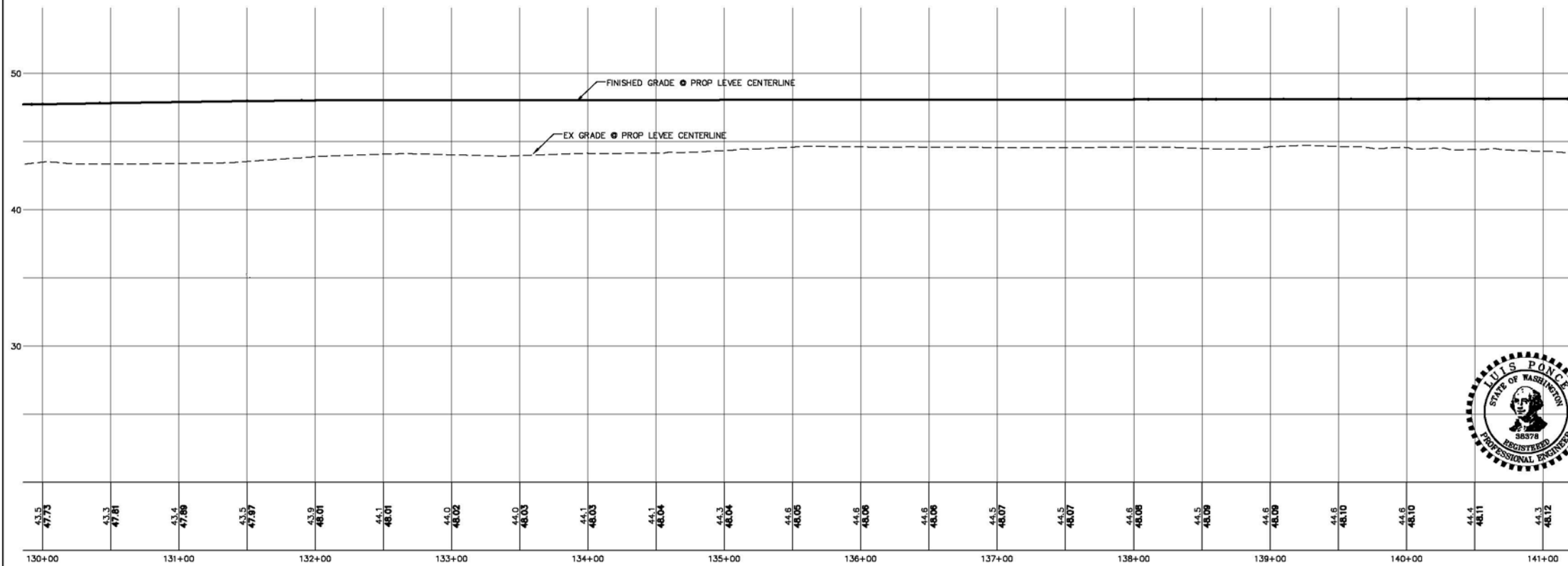
DESIGNED BY LP DRAWN BY LMC CHECKED BY LP	REICHHARDT & EBE ENGINEERING, INC. CONSULTING ENGINEERS PO Box 978 423 Front St., Ste 201 Ph (360) 354-3687 Lynden, Washington 98264 Fax (360) 354-0407	CITY OF BURLINGTON	DIKE 12 LEVEE CERTIFICATION PROPOSED LEVEE ALIGNMENT STA 119+50 TO 130+00	JOB# / DWG 09031 SP1 SCALE H: 1" = 50' V: 1" = 5'	DATE 3-3-11 SHEET 6
NO. DATE REVISION BY					



Station	Fill Volume (CY)	Cumulative Fill Volume (CY)
130+50	328	38,147
131+00	328	38,475
131+50	322	38,797
132+00	308	39,106
132+50	304	39,409
133+00	300	39,709
133+50	284	39,993
134+00	273	40,266
134+50	263	40,529
135+00	241	40,770
135+50	228	40,998
136+00	230	41,228
136+50	232	41,460
137+00	232	41,692
137+50	230	41,922
138+00	236	42,158
138+50	242	42,400
139+00	239	42,639
139+50	244	42,883
140+00	263	43,146
140+50	282	43,428
141+00	253	43,681

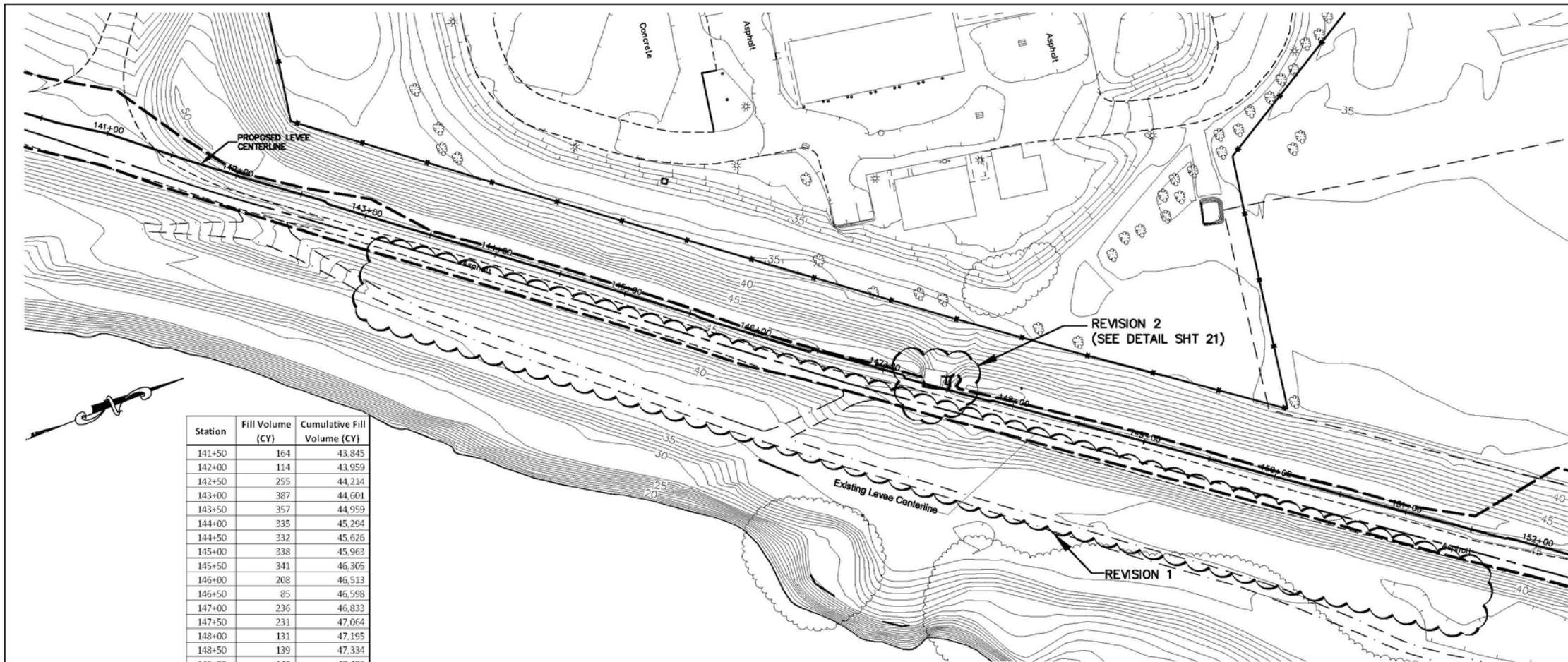
LEGEND

- PROPOSED LEVEE MATCHPOINT
- PROPOSED LEVEE CENTERLINE
- EXISTING LEVEE CENTERLINE
- EXISTING ASPHALT ROADWAY
- EXISTING GRAVEL ROADWAY
- EXISTING FENCELINE



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		NO.	DATE	REVISION		

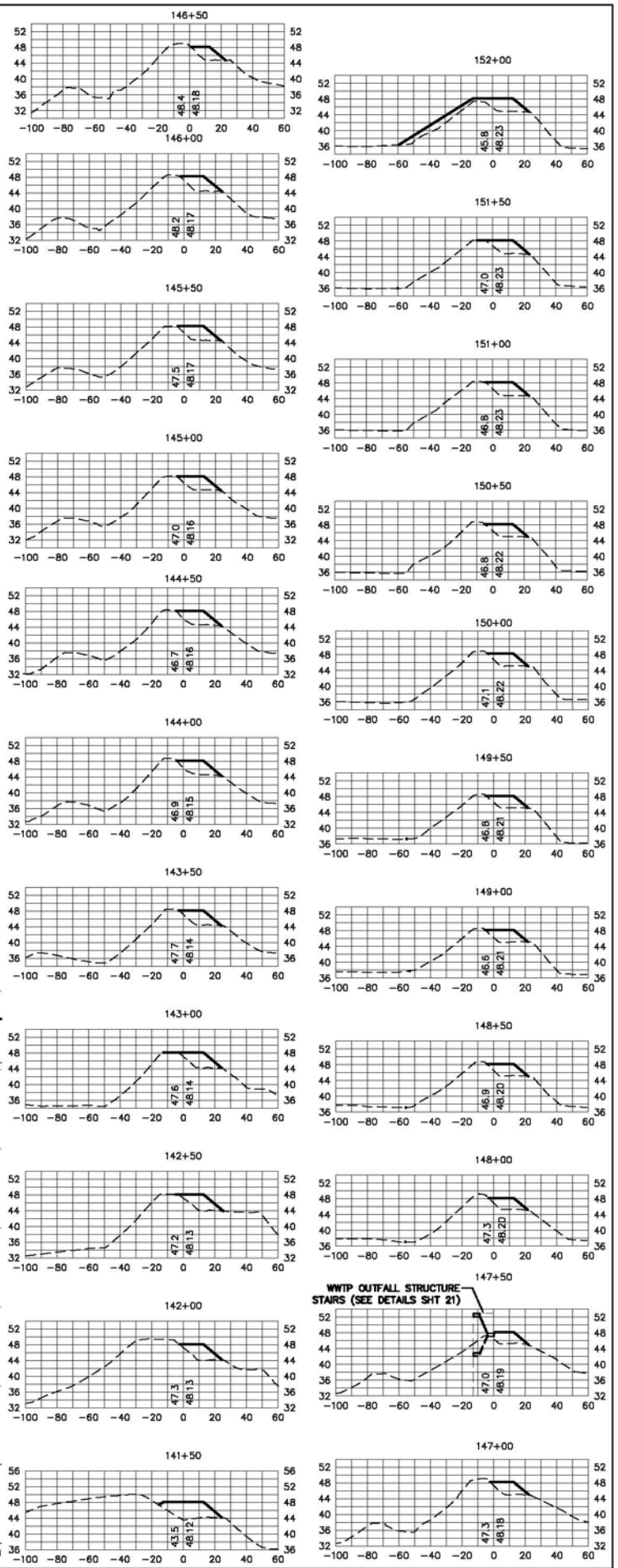
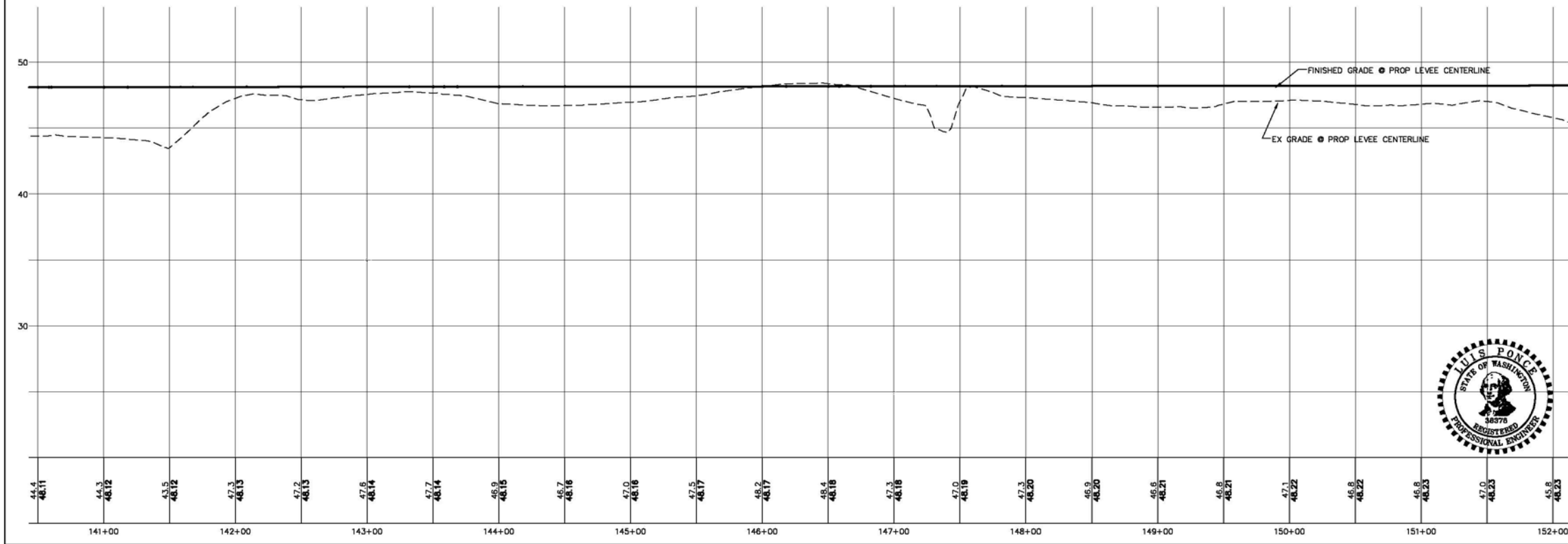
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Station	Fill Volume (CY)	Cumulative Fill Volume (CY)
141+50	164	43,845
142+00	114	43,959
142+50	255	44,214
143+00	387	44,601
143+50	357	44,959
144+00	335	45,294
144+50	332	45,626
145+00	338	45,963
145+50	341	46,305
146+00	208	46,513
146+50	85	46,598
147+00	236	46,833
147+50	231	47,064
148+00	131	47,195
148+50	139	47,334
149+00	142	47,476
149+50	139	47,615
150+00	95	47,710
150+50	103	47,812
151+00	156	47,968
151+50	230	48,198
152+00	261	48,459

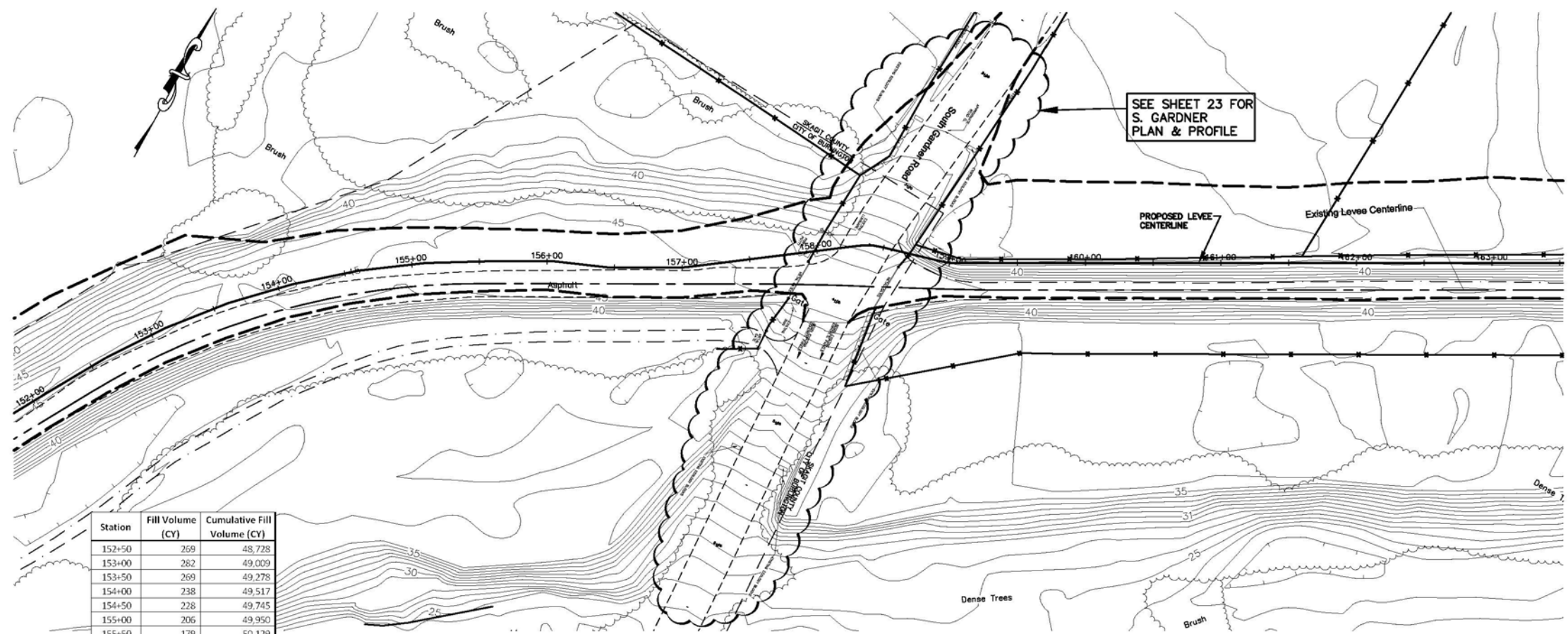
LEGEND

- PROPOSED LEVEE MATCHPOINT
- PROPOSED LEVEE CENTERLINE
- EXISTING LEVEE CENTERLINE
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- EXISTING GRAVEL ROADWAY
- EXISTING FENCELINE



DESIGNED BY LP DRAWN BY LMC CHECKED BY LP	REICHHARDT & EBE ENGINEERING, INC. CONSULTING ENGINEERS PO Box 978 423 Front St., Ste 201 Ph (360) 354-3687 Lynden, Washington 98264 Fax (360) 354-0407	2 1 NO. DATE REVISION BY	12-1-10 10-11-10 REVISE STA 147+50 X-SECTION & ADDED WWTP DETAIL REVISE CATCH & X-SECTIONS STA 143+00-151+50	CITY OF BURLINGTON	DIKE 12 LEVEE CERTIFICATION PROPOSED LEVEE ALIGNMENT STA 140+50 TO 152+00	JOB# / DWG 09031 SP1 SCALE H: 1" = 50' V: 1" = 5'	DATE 3-3-11 SHEET 8
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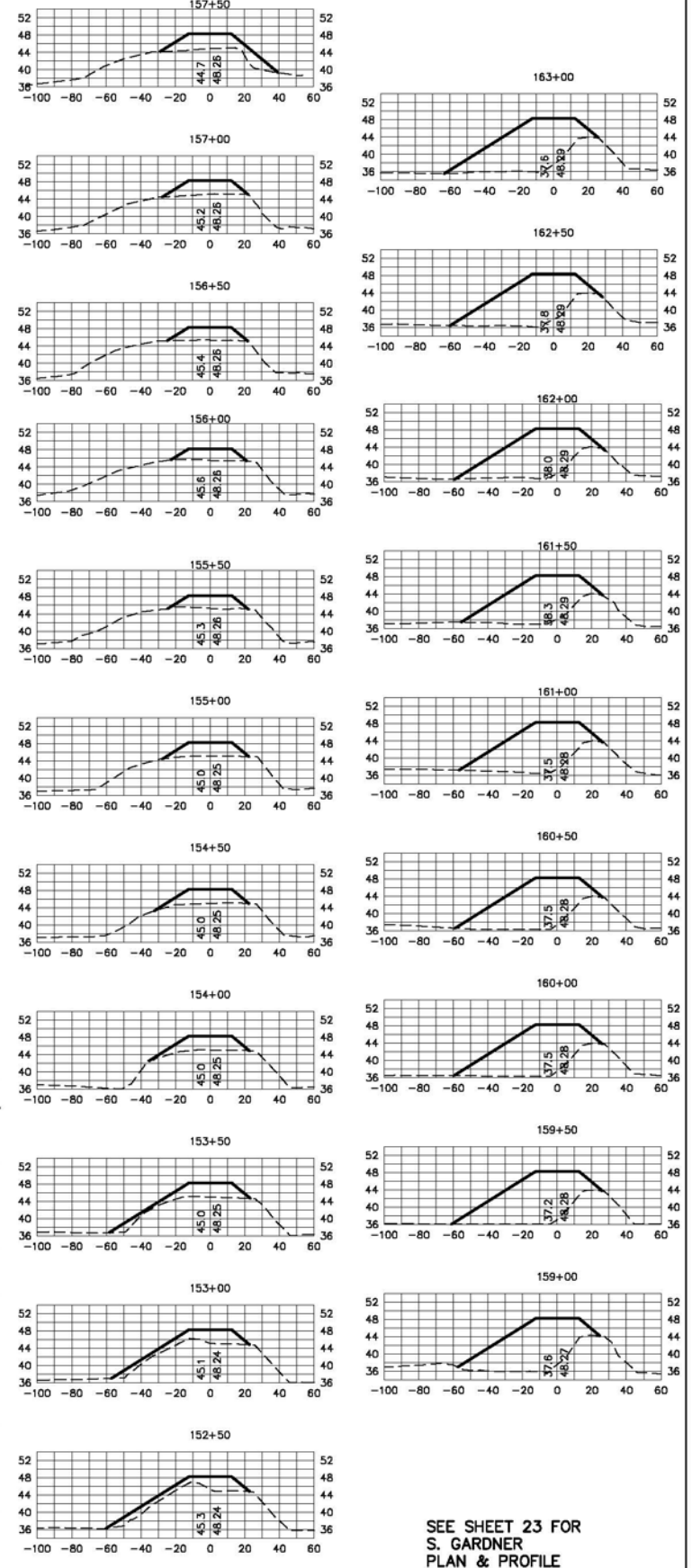
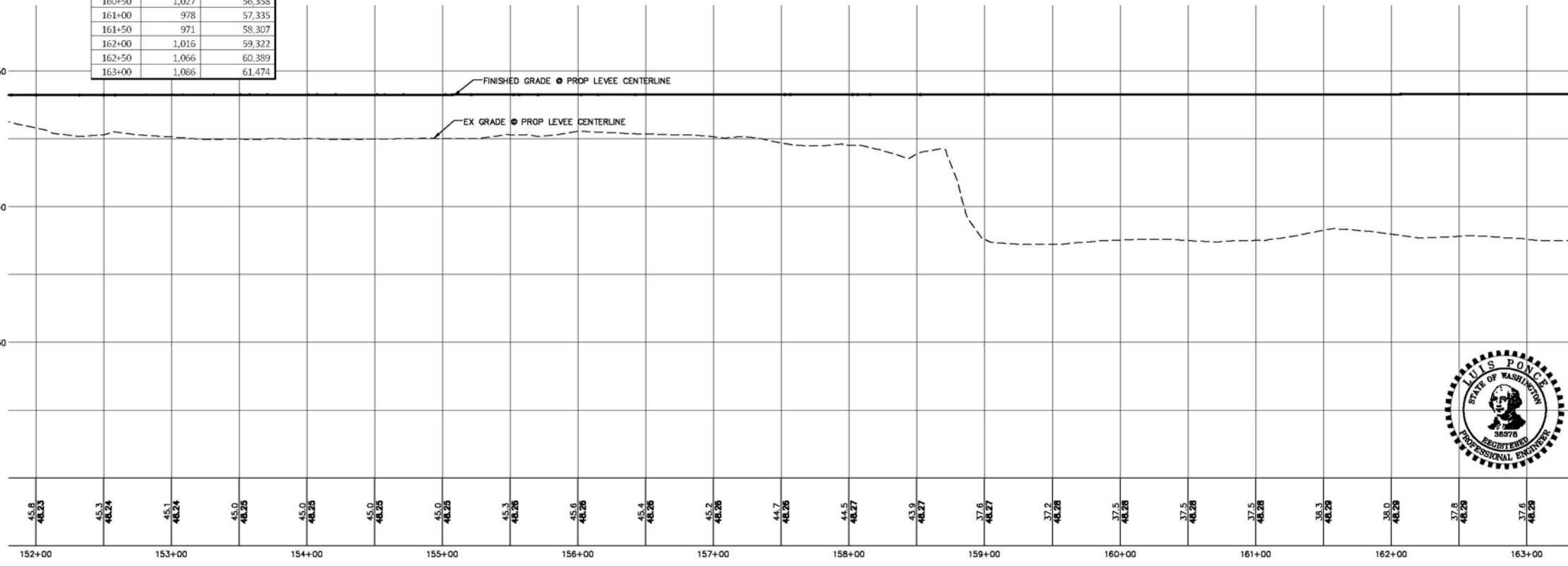
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Station	Fill Volume (CY)	Cumulative Fill Volume (CY)
152+50	269	48,728
153+00	282	49,009
153+50	269	49,278
154+00	238	49,517
154+50	228	49,745
155+00	206	49,950
155+50	179	50,129
156+00	182	50,311
156+50	208	50,519
157+00	240	50,759
157+50	280	51,039
158+00	361	51,400
158+50	738	52,138
159+00	1,070	53,208
159+50	1,058	54,276
160+00	1,054	55,330
160+50	1,027	56,358
161+00	978	57,335
161+50	971	58,307
162+00	1,016	59,322
162+50	1,066	60,389
163+00	1,066	61,474

LEGEND

- PROPOSED LEVEE MATCHPOINT
- PROPOSED LEVEE CENTERLINE
- EXISTING LEVEE CENTERLINE
- EXISTING ASPHALT ROADWAY
- EXISTING GRAVEL ROADWAY
- EXISTING FENCELINE



SEE SHEET 23 FOR S. GARDNER PLAN & PROFILE FOR STA 158+00 & 158+50



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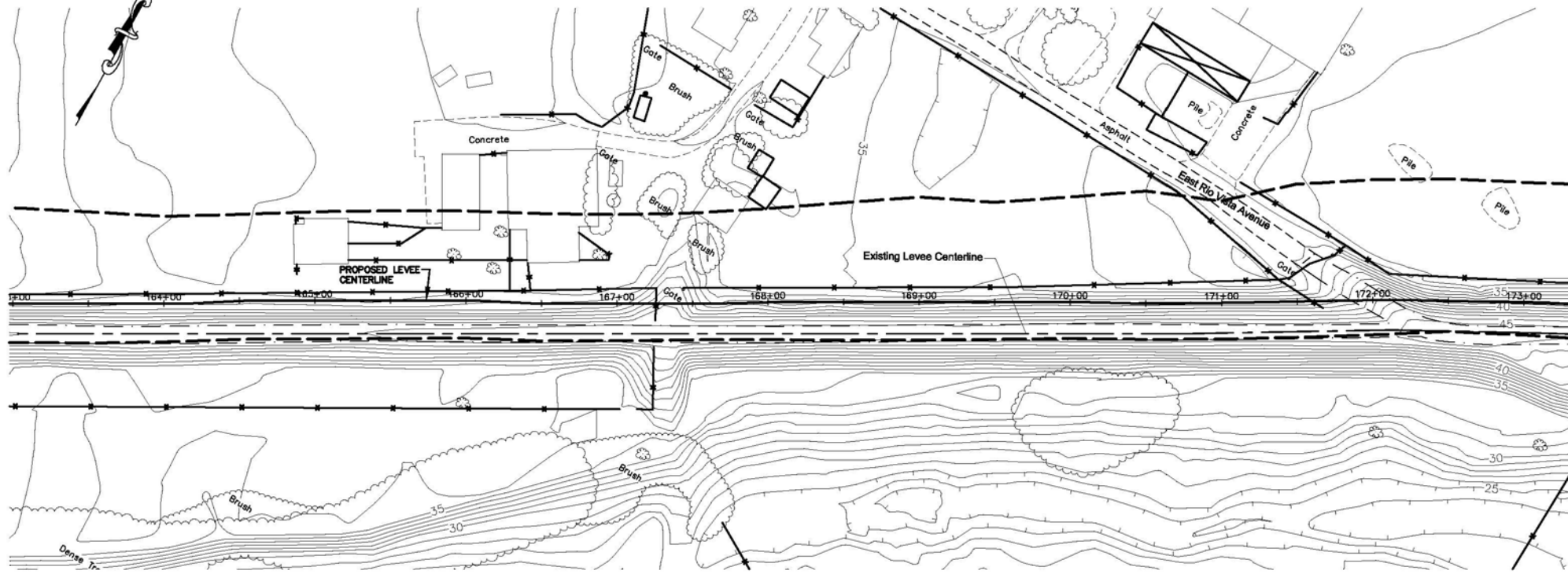
NO.	DATE	REVISION	BY
1	12-3-10	S. GARDNER PLAN & PROFILE; CATCH	GG

CITY OF BURLINGTON

DIKE 12 LEVEE CERTIFICATION
PROPOSED LEVEE ALIGNMENT
STA 152+00 TO 163+00

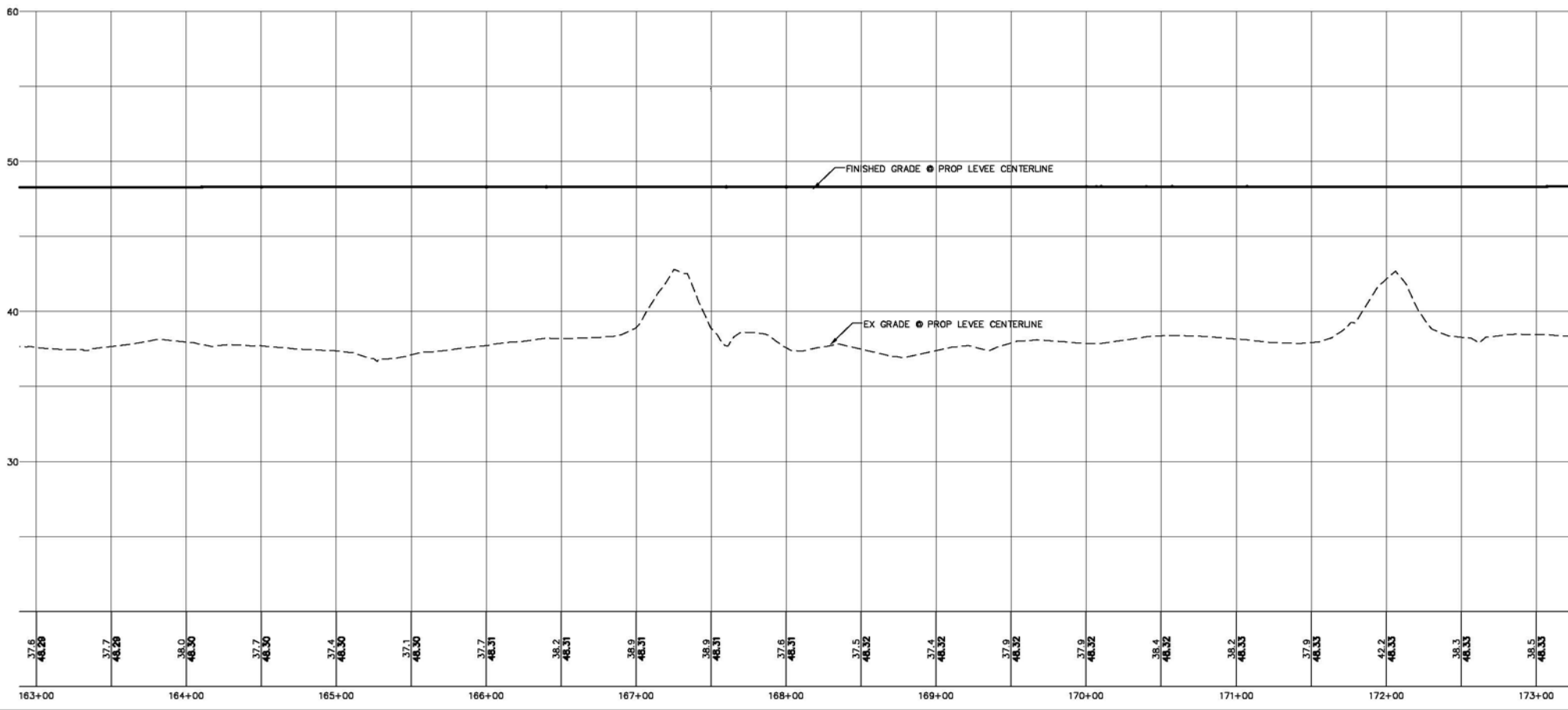
JOB# / DWG	DATE
09031 SP1	3-3-11
SCALE	SHEET
H: 1" = 50' V: 1" = 5'	9

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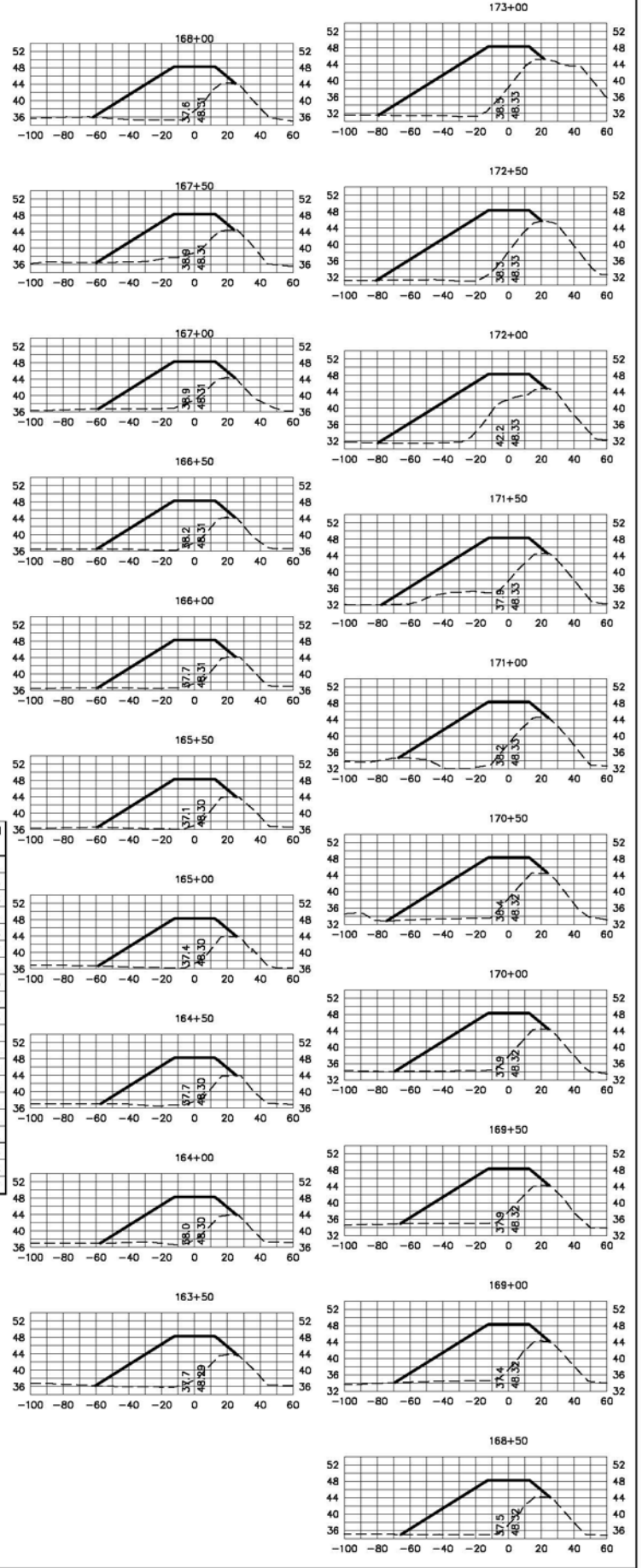


LEGEND

- PROPOSED LEVEE MATCHPOINT
- PROPOSED LEVEE CENTERLINE
- EXISTING LEVEE CENTERLINE
- EXISTING ASPHALT ROADWAY
- EXISTING GRAVEL ROADWAY
- EXISTING FENCELINE



Station	Fill Volume (CY)	Cumulative Fill Volume (CY)
163+50	1,027	62,501
164+00	992	63,493
164+50	1,036	64,528
165+00	1,065	65,594
165+50	1,054	66,648
166+00	1,029	67,677
166+50	984	68,661
167+00	945	69,606
167+50	1,037	70,643
168+00	1,161	71,803
168+50	1,221	73,024
169+00	1,217	74,241
169+50	1,221	75,462
170+00	1,300	76,762
170+50	1,350	78,111
171+00	1,319	79,431
171+50	1,291	80,721
172+00	1,432	82,153
172+50	1,545	83,698
173+00	1,508	85,207



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NO.	DATE	REVISION	BY

CITY OF BURLINGTON

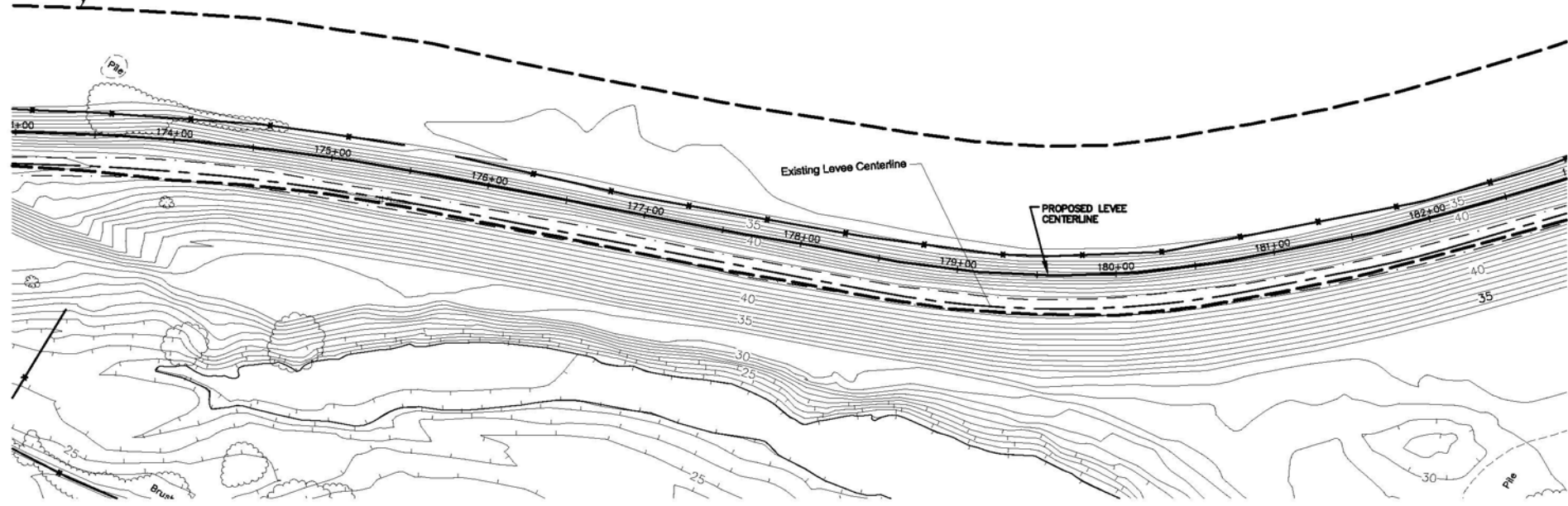
DIKE 12 LEVEE CERTIFICATION
PROPOSED LEVEE ALIGNMENT
STA 163+00 TO 173+00

JOB# / DWG	09031 SP1	DATE	3-3-11
SCALE	H: 1" = 50' V: 1" = 5'	SHEET	10

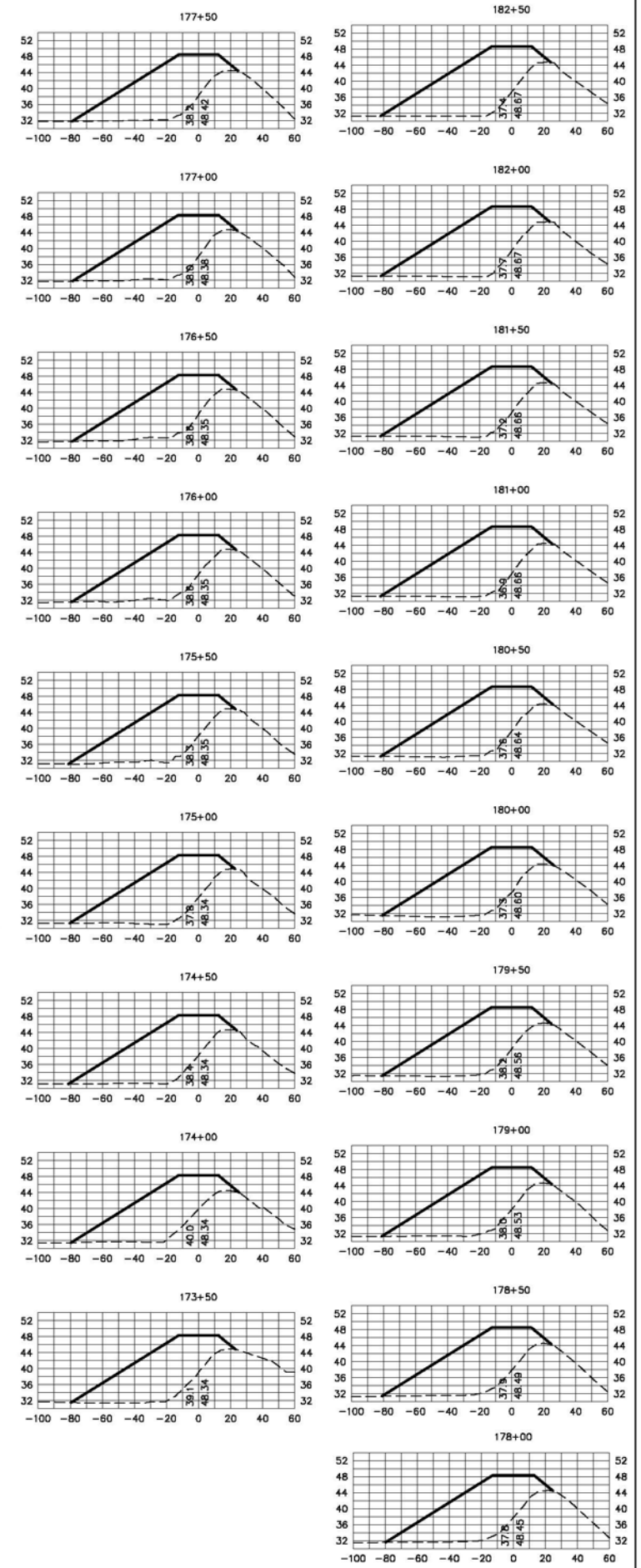
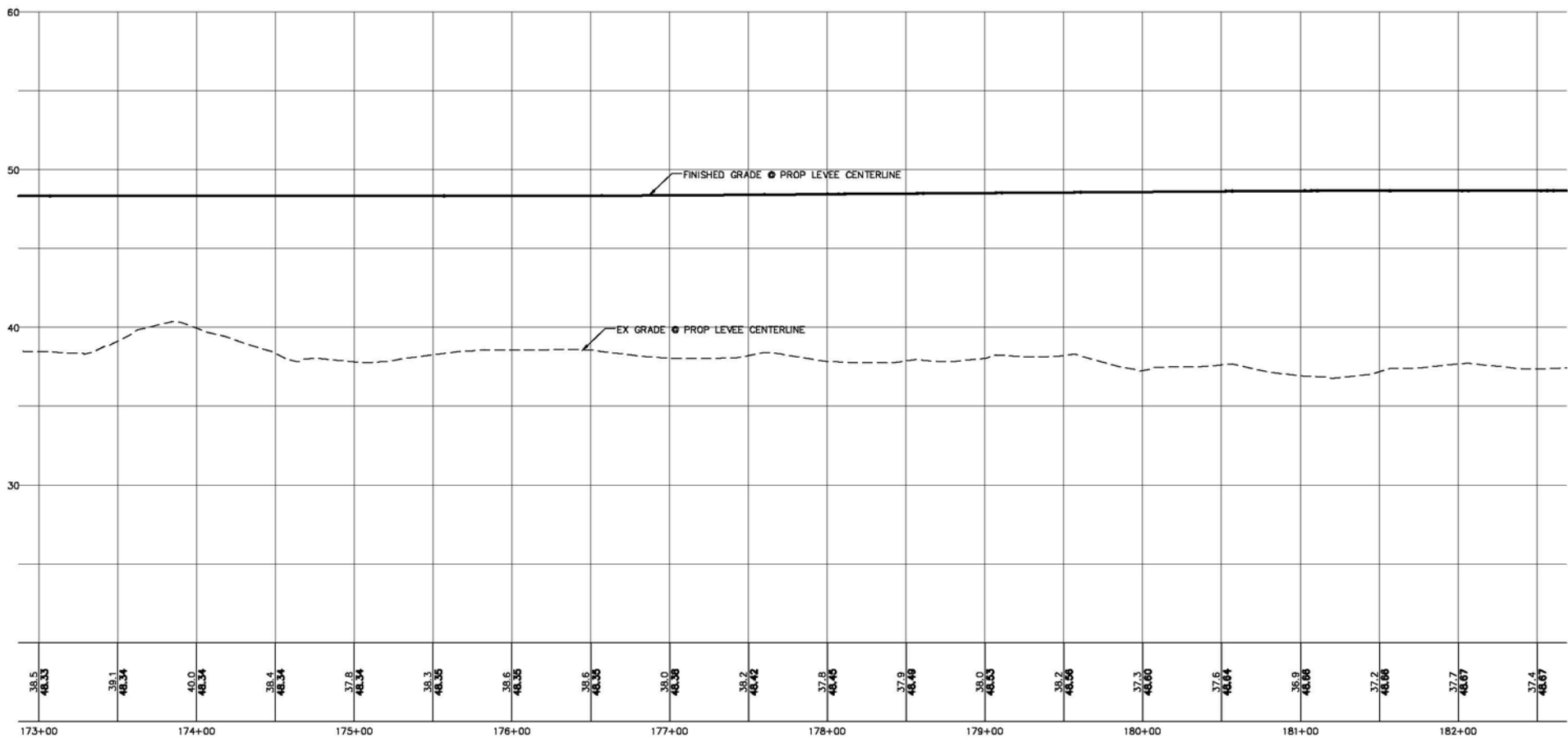
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LEGEND

- PROPOSED LEVEE MATCHPOINT
- PROPOSED LEVEE CENTERLINE
- EXISTING LEVEE CENTERLINE
- EXISTING ASPHALT ROADWAY
- EXISTING GRAVEL ROADWAY
- EXISTING FENCELINE



Station	Fill Volume (CY)	Cumulative Fill Volume (CY)
173+50	1,463	86,669
174+00	1,503	88,172
174+50	1,578	89,750
175+00	1,566	91,316
175+50	1,511	92,827
176+00	1,460	94,287
176+50	1,467	95,754
177+00	1,499	97,253
177+50	1,533	98,787
178+00	1,572	100,358
178+50	1,591	101,949
179+00	1,602	103,551
179+50	1,629	105,180
180+00	1,664	106,845
180+50	1,694	108,539
181+00	1,705	110,244
181+50	1,686	111,930
182+00	1,678	113,608
182+50	1,674	115,282



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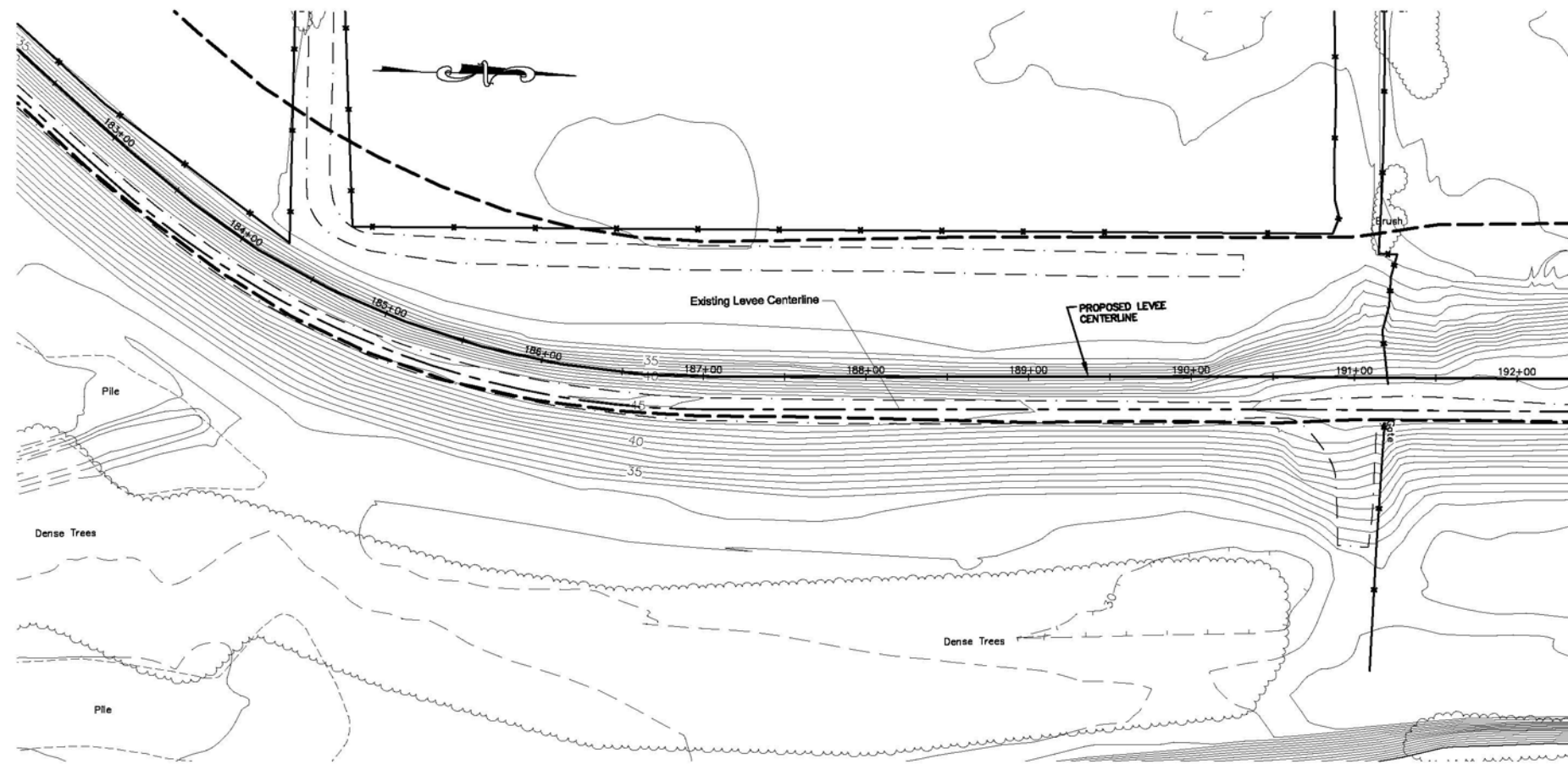
NO.	DATE	REVISION	BY

CITY OF BURLINGTON

DIKE 12 LEVEE CERTIFICATION
PROPOSED LEVEE ALIGNMENT
STA 173+00 TO 182+50

JOB# / DWG 09031 SP1	DATE 3-3-11
SCALE H: 1" = 50' V: 1" = 5'	SHEET 11

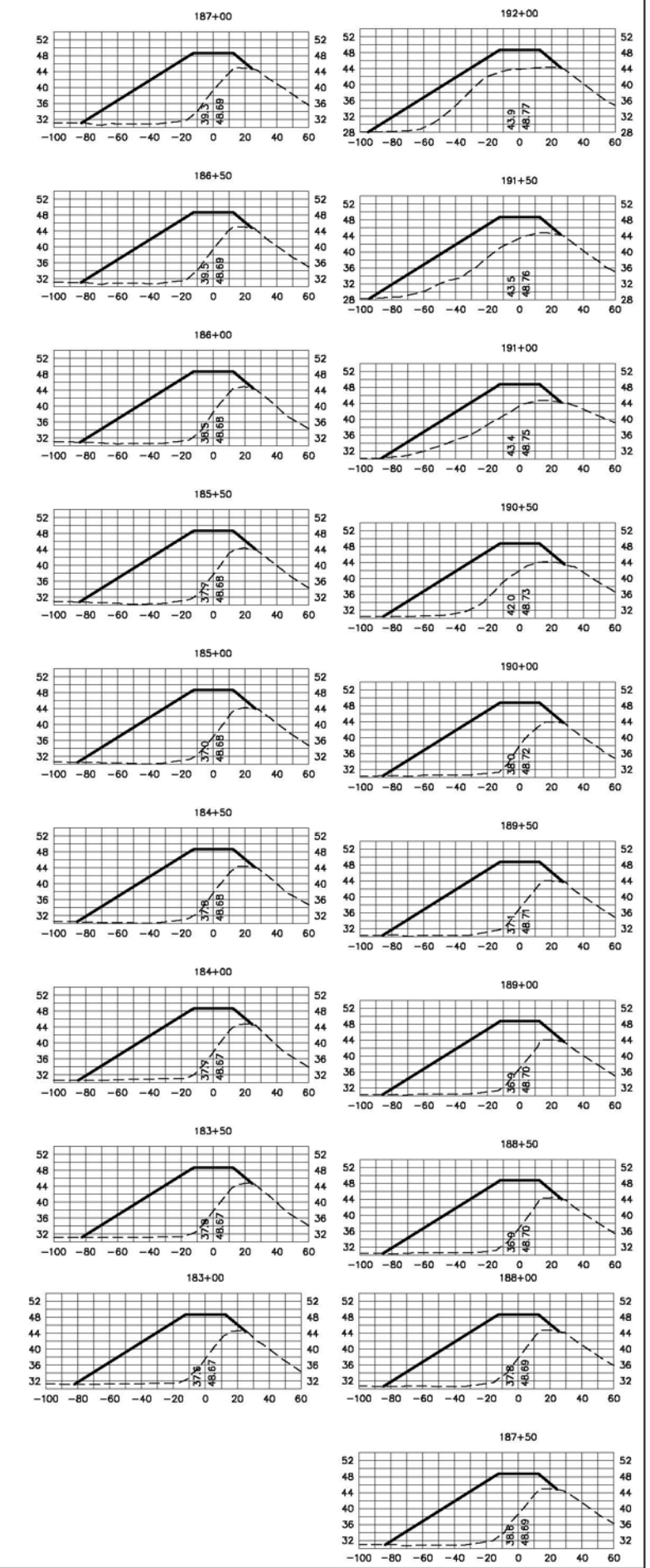
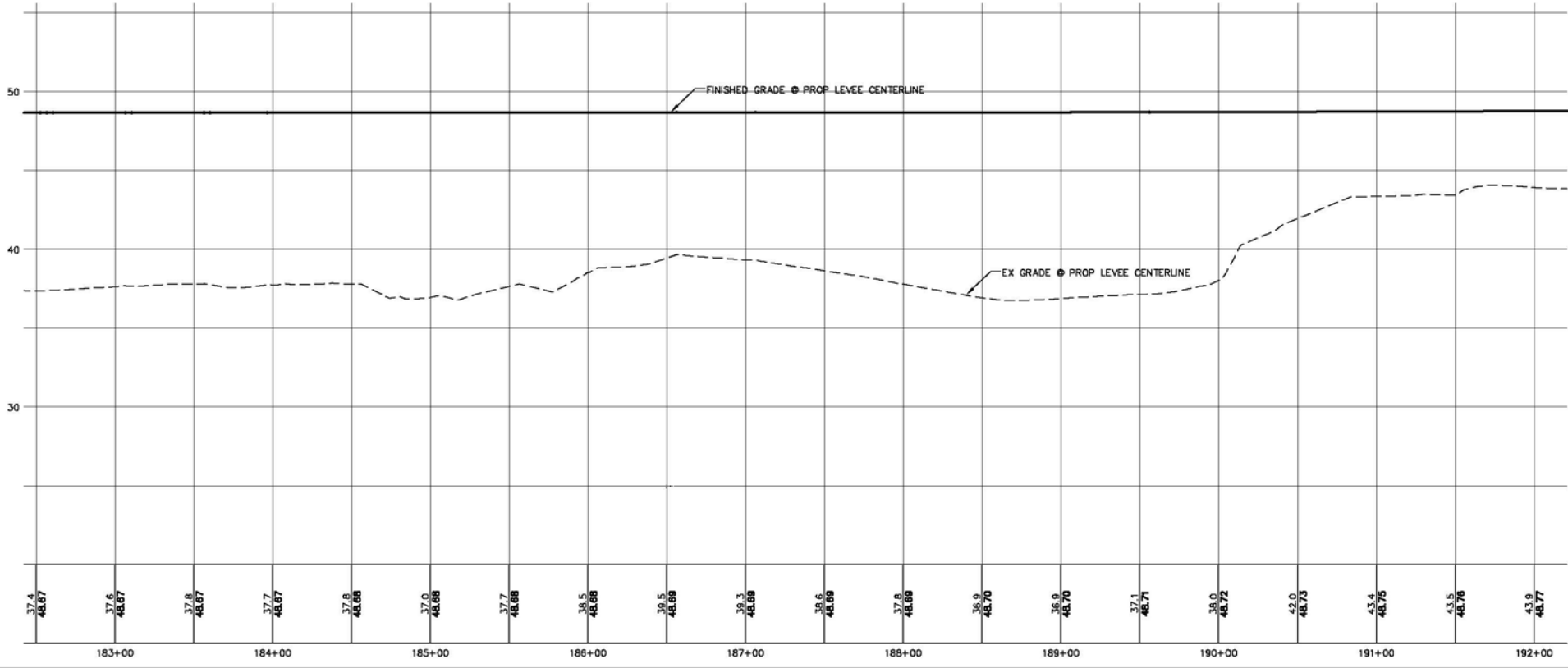
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Station	Fill Volume (CY)	Cumulative Fill Volume (CY)
183+00	1,669	116,951
183+50	1,695	118,646
184+00	1,758	120,404
184+50	1,809	122,213
185+00	1,795	124,008
185+50	1,740	125,748
186+00	1,669	127,417
186+50	1,628	129,045
187+00	1,648	130,693
187+50	1,697	132,390
188+00	1,763	134,153
188+50	1,818	135,971
189+00	1,834	137,804
189+50	1,816	139,621
190+00	1,622	141,243
190+50	1,262	142,505
191+00	1,164	143,669
191+50	1,182	144,851
192+00	1,096	145,947

LEGEND

- PROPOSED LEVEE MATCHPOINT
- PROPOSED LEVEE CENTERLINE
- EXISTING LEVEE CENTERLINE
- EXISTING ASPHALT ROADWAY
- EXISTING GRAVEL ROADWAY
- EXISTING FENCELINE



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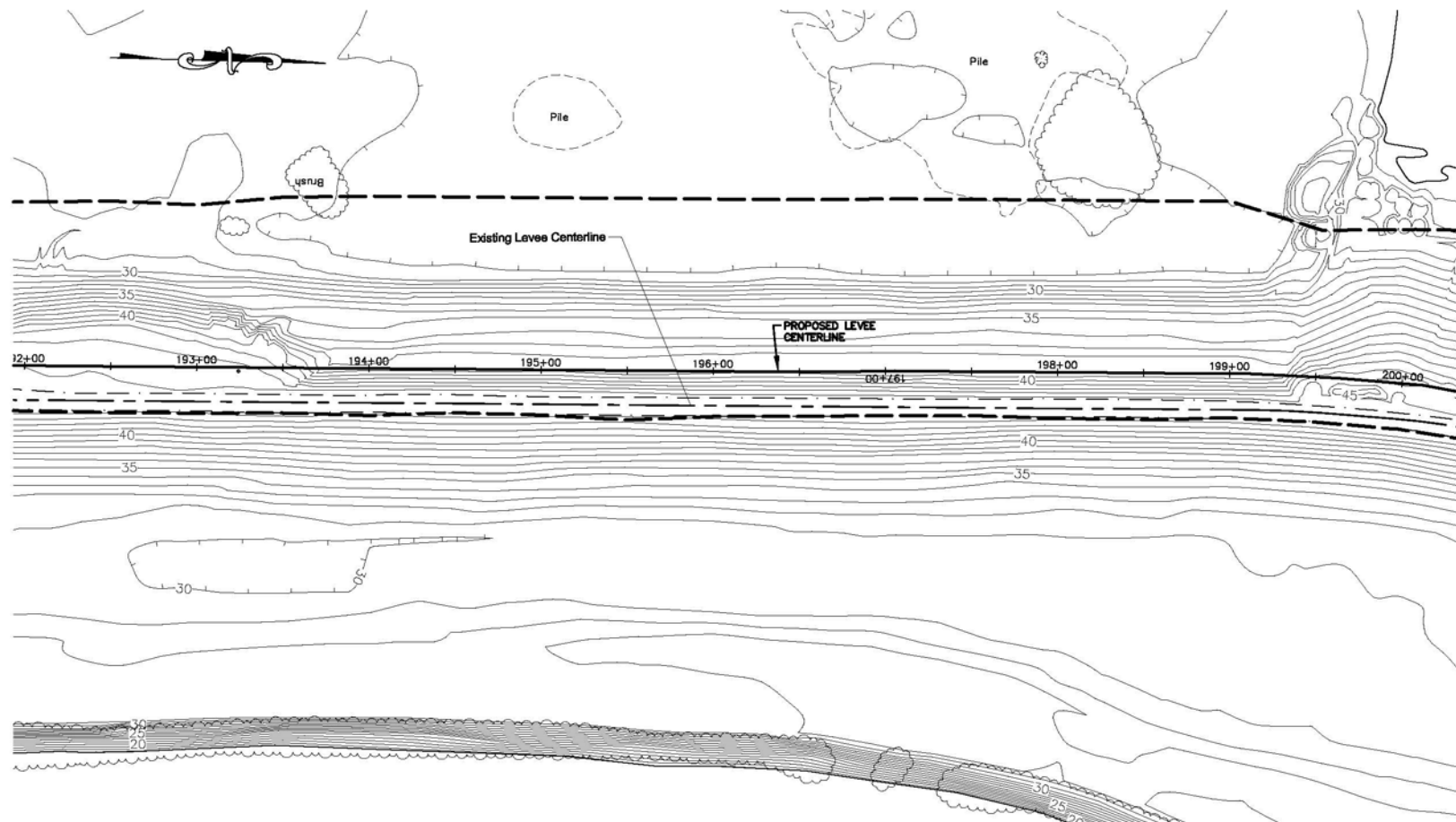
NO.	DATE	REVISION	BY

CITY OF BURLINGTON

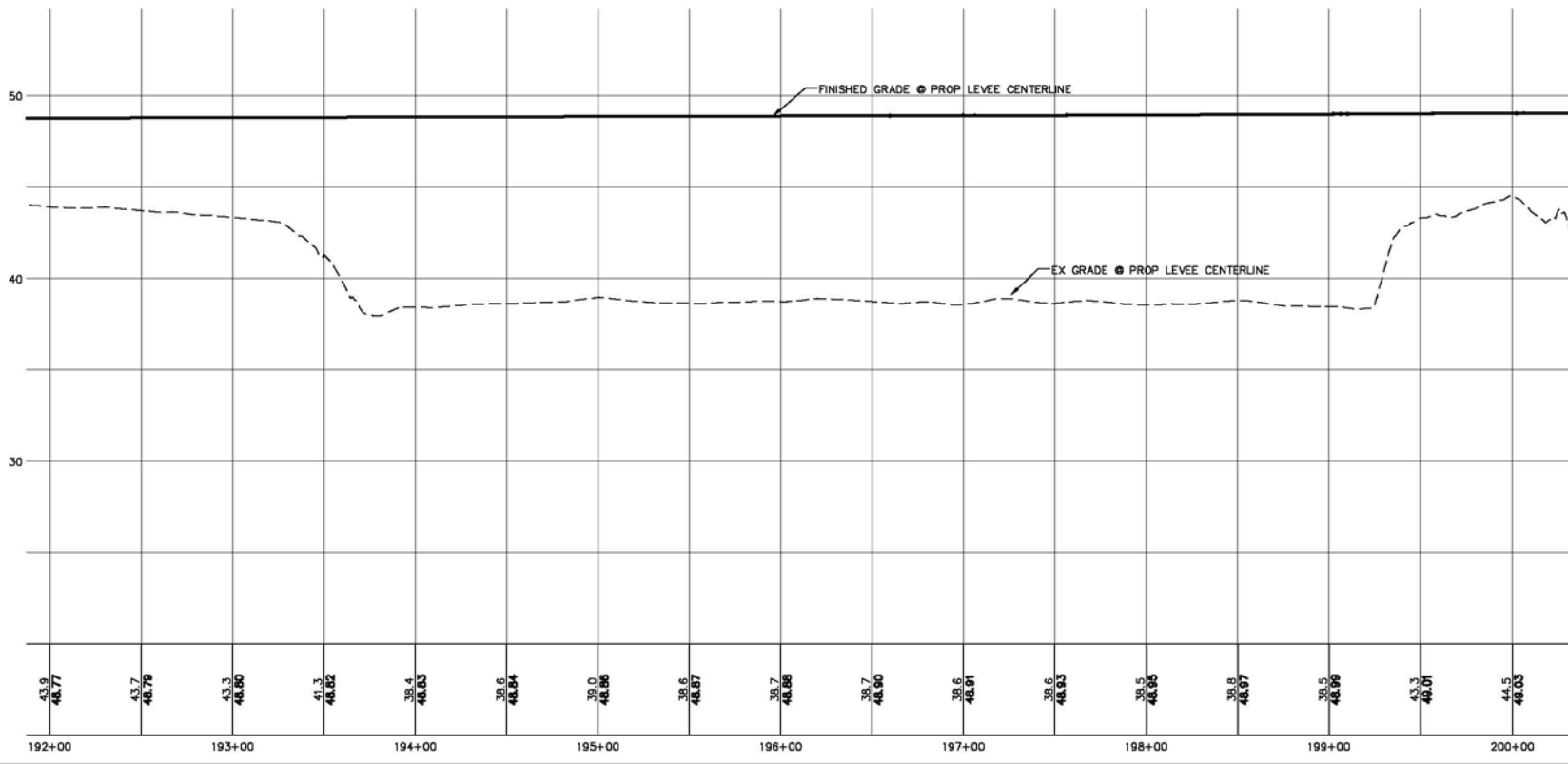
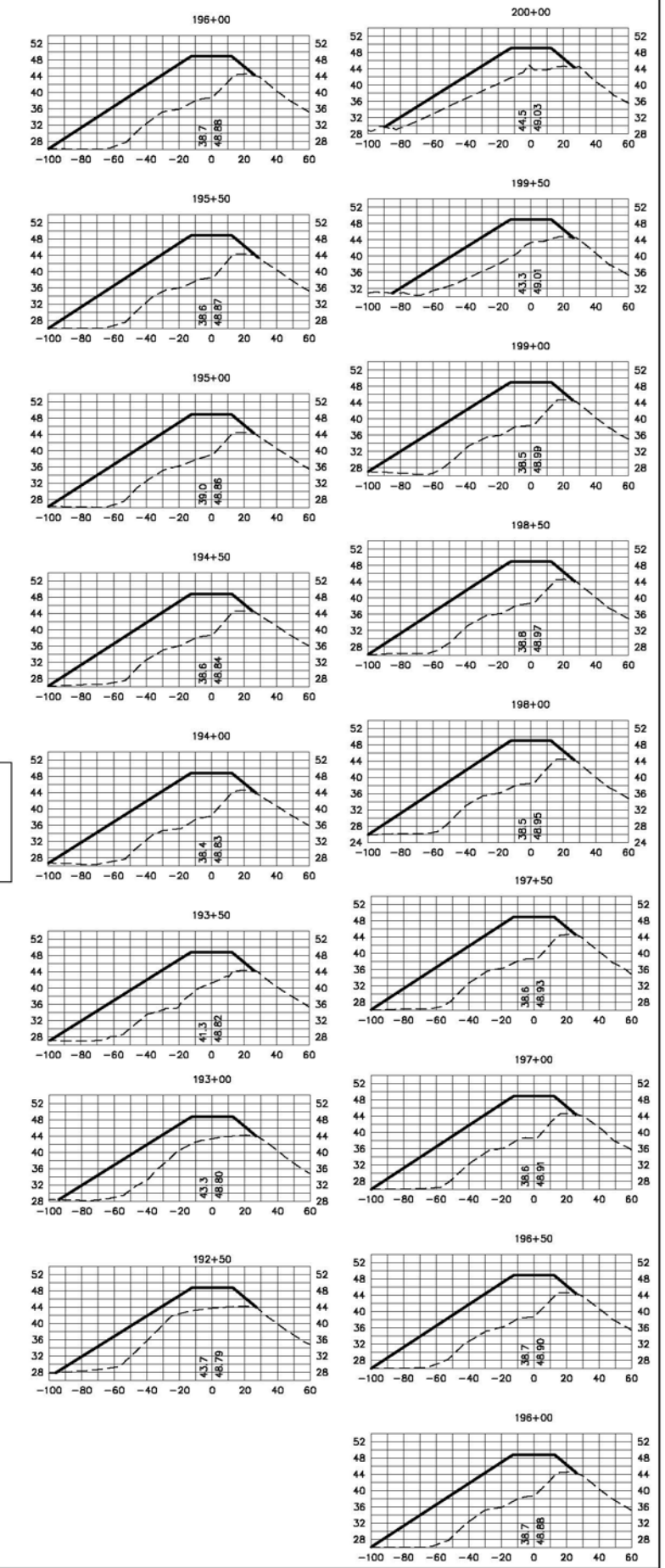
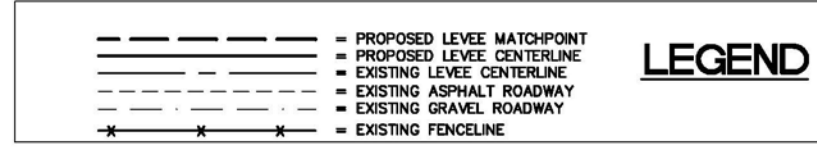
DIKE 12 LEVEE CERTIFICATION
PROPOSED LEVEE ALIGNMENT
 STA 182+50 TO 192+00

JOB# / DWG	DATE
09031 SP1	3-3-11
SCALE	SHEET
H:1"=50' V:1"=5'	12

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Station	Fill Volume (CY)	Cumulative Fill Volume (CY)
192+50	1,171	147,118
193+00	1,442	148,561
193+50	1,703	150,264
194+00	1,751	152,014
194+50	1,725	153,740
195+00	1,748	155,487
195+50	1,757	157,245
196+00	1,736	158,980
196+50	1,741	160,721
197+00	1,755	162,476
197+50	1,747	164,223
198+00	1,744	165,968
198+50	1,772	167,739
199+00	1,499	169,239
199+50	1,086	170,325
200+00	1,057	171,382



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NO.	DATE	REVISION	BY

CITY OF BURLINGTON

DIKE 12 LEVEE CERTIFICATION
PROPOSED LEVEE ALIGNMENT
STA 192+00 TO 200+00

JOB# / DWG	DATE
09031 SP1	3-3-11
SCALE	SHEET
H: 1" = 50' V: 1" = 5'	13

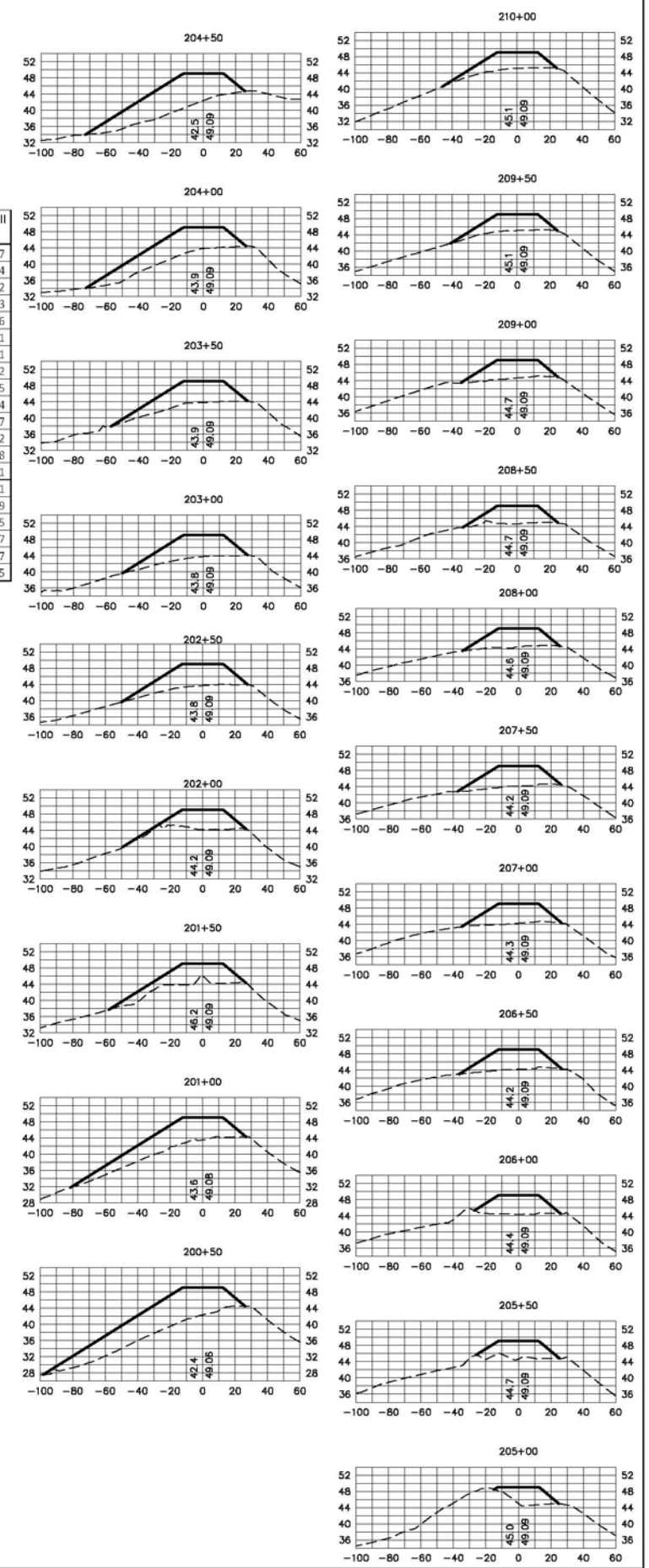
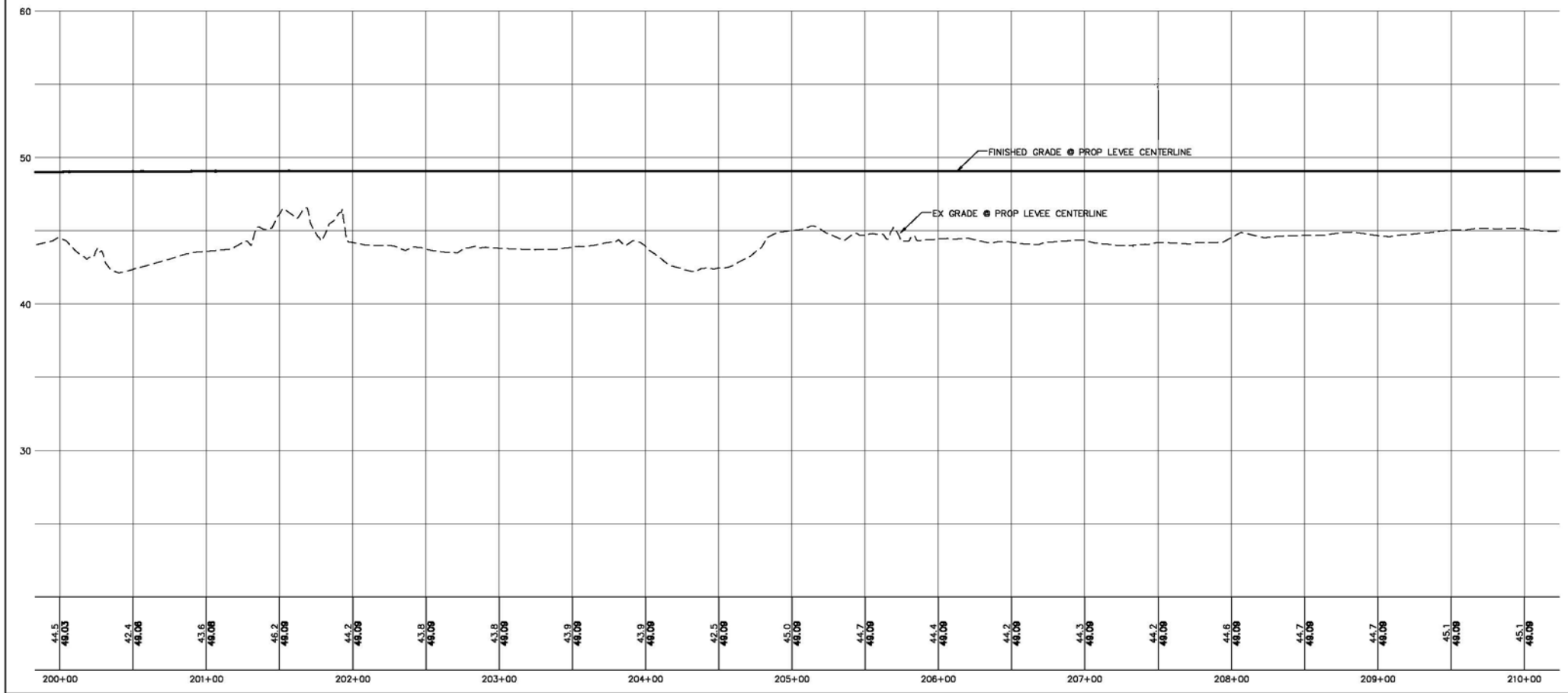
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Station	Fill Volume (CY)	Cumulative Fill Volume (CY)
200+50	935	172,317
201+00	598	172,914
201+50	408	173,322
202+00	431	173,753
202+50	512	174,266
203+00	526	174,791
203+50	640	175,431
204+00	831	176,262
204+50	563	176,825
205+00	249	177,074
205+50	313	177,387
206+00	365	177,752
206+50	386	178,138
207+00	393	178,531
207+50	380	178,911
208+00	337	179,249
208+50	336	179,585
209+00	342	179,927
209+50	340	180,267
210+00	348	180,615

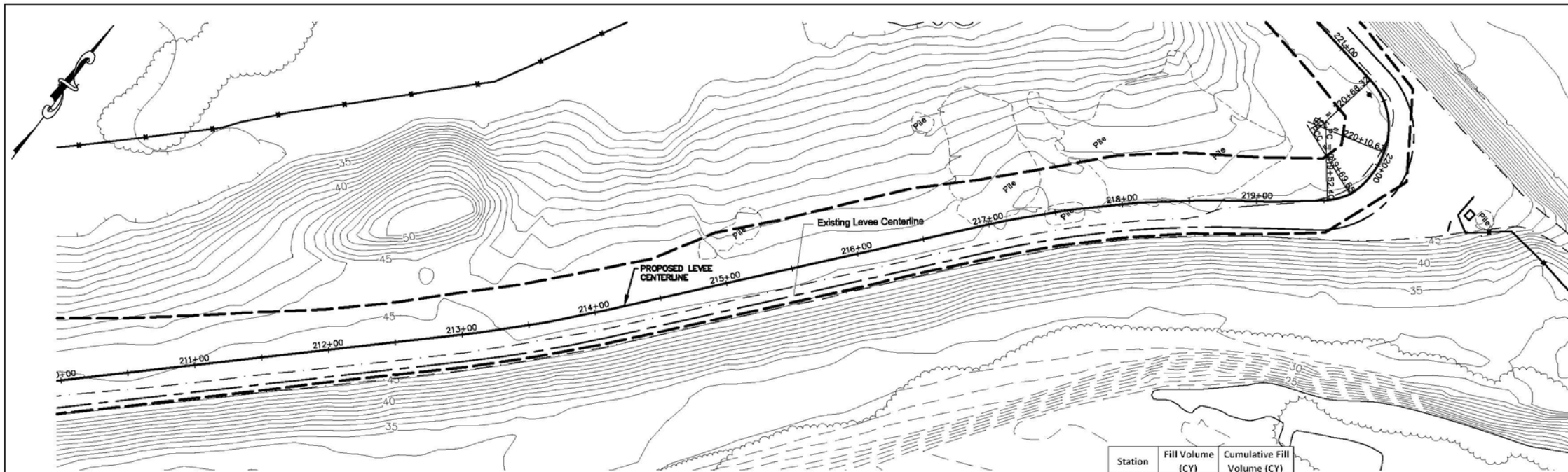
LEGEND

- PROPOSED LEVEE MATCHPOINT
- PROPOSED LEVEE CENTERLINE
- EXISTING LEVEE CENTERLINE
- - - EXISTING ASPHALT ROADWAY
- - - EXISTING GRAVEL ROADWAY
- X — X — X EXISTING FENCELINE



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NO. DATE REVISION BY				

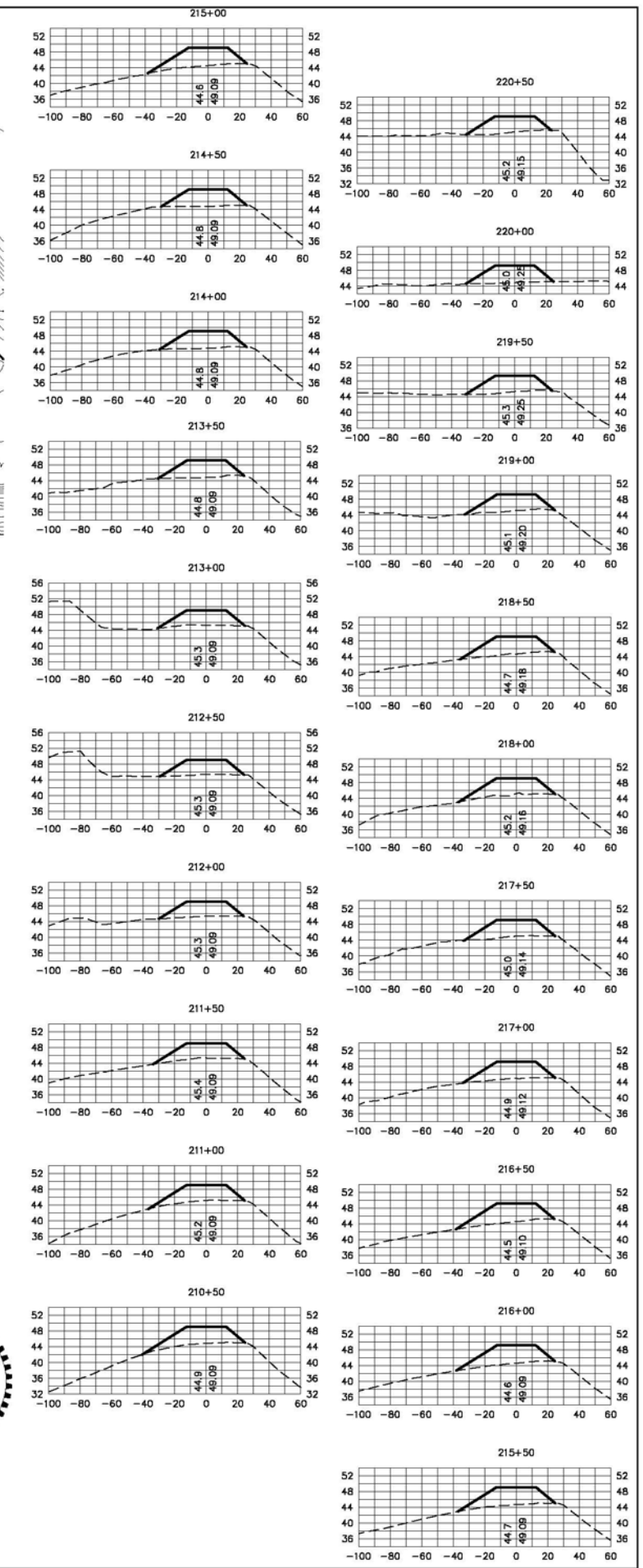
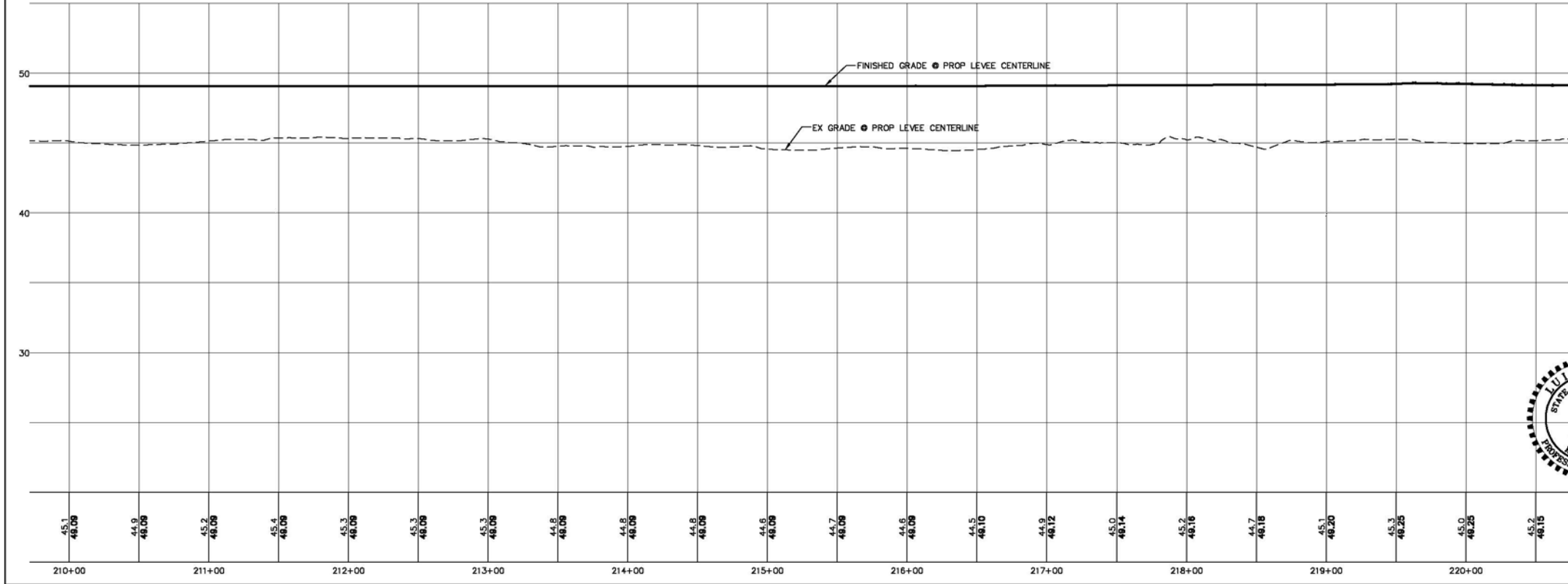
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LEGEND

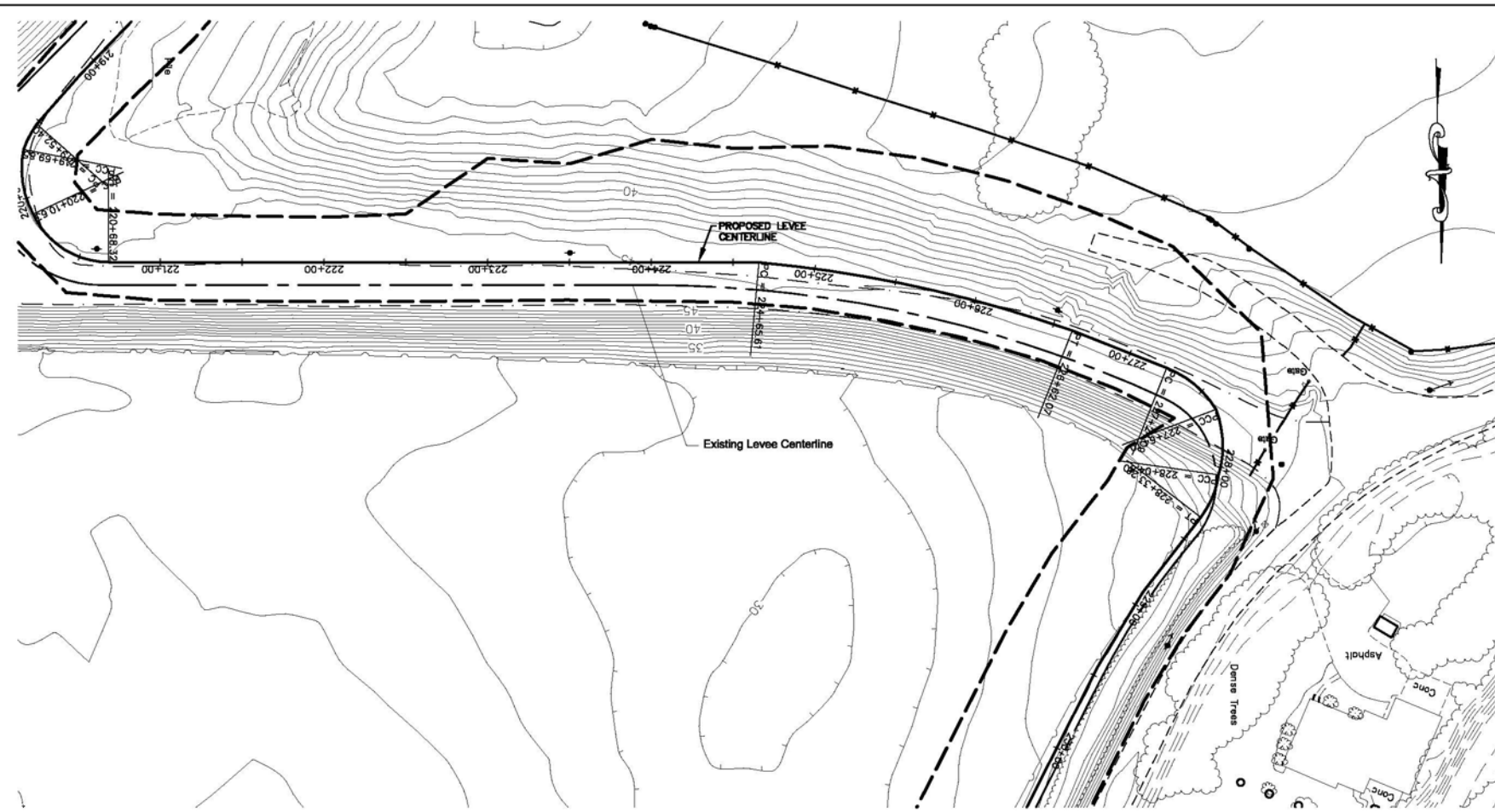
- PROPOSED LEVEE MATCHPOINT
- PROPOSED LEVEE CENTERLINE
- EXISTING LEVEE CENTERLINE
- EXISTING ASPHALT ROADWAY
- EXISTING GRAVEL ROADWAY
- EXISTING FENCELINE

Station	Fill Volume (CY)	Cumulative Fill Volume (CY)
210+50	336	180,951
211+00	309	181,260
211+50	288	181,548
212+00	278	181,826
212+50	281	182,107
213+00	297	182,404
213+50	312	182,716
214+00	311	183,027
214+50	337	183,364
215+00	361	183,725
215+50	361	184,086
216+00	369	184,455
216+50	351	184,806
217+00	330	185,136
217+50	331	185,466
218+00	340	185,807
218+50	329	186,136
219+00	306	186,442
219+50	299	186,742
220+00	294	187,035
220+50	282	187,317



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NO. DATE REVISION BY						

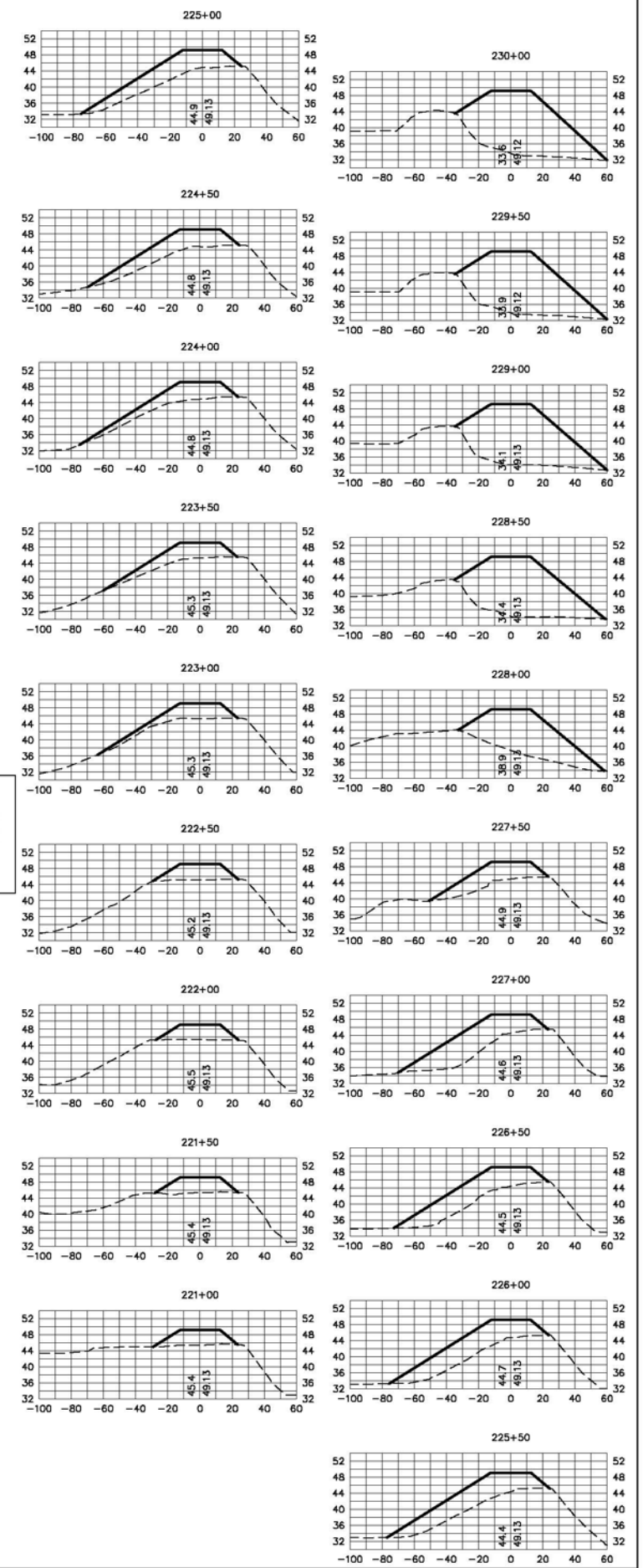
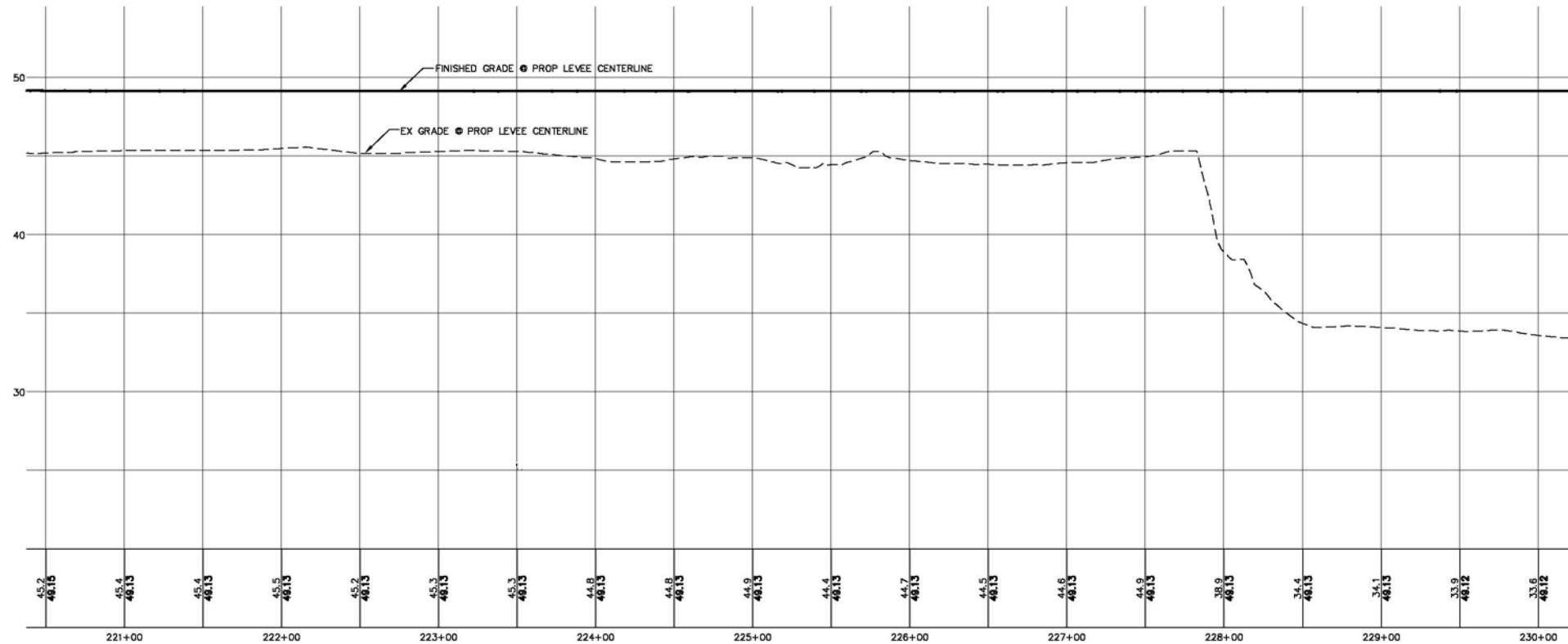
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Station	Fill Volume (CY)	Cumulative Fill Volume (CY)
221+00	270	187,587
221+50	269	187,856
222+00	273	188,129
222+50	314	188,443
223+00	367	188,810
223+50	430	189,239
224+00	524	189,764
224+50	639	190,403
225+00	747	191,150
225+50	816	191,966
226+00	809	192,776
226+50	796	193,571
227+00	824	194,396
227+50	816	195,212
228+00	1,159	196,371
228+50	1,642	198,013
229+00	1,683	199,695
229+50	1,717	201,412
230+00	1,769	203,181

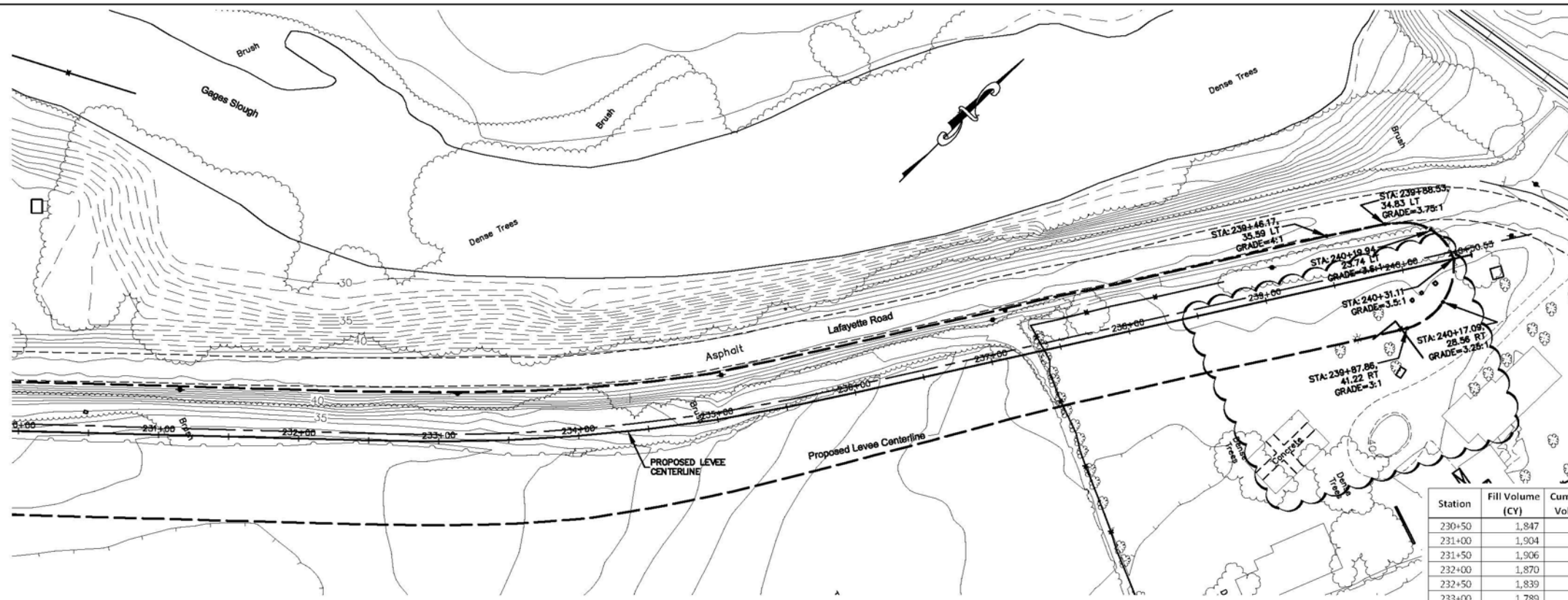
LEGEND

- PROPOSED LEVEE MATCHPOINT
- PROPOSED LEVEE CENTERLINE
- - - EXISTING LEVEE CENTERLINE
- - - EXISTING ASPHALT ROADWAY
- - - EXISTING GRAVEL ROADWAY
- - - EXISTING FENCELINE



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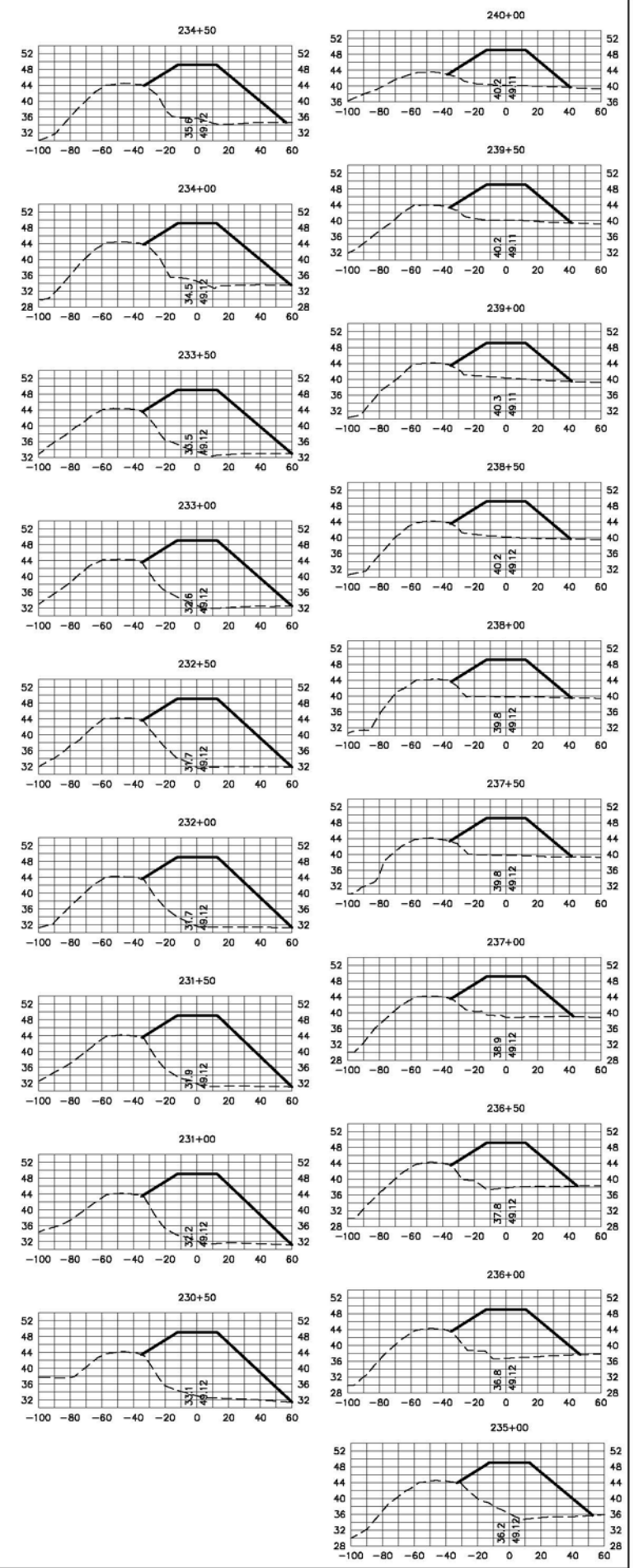
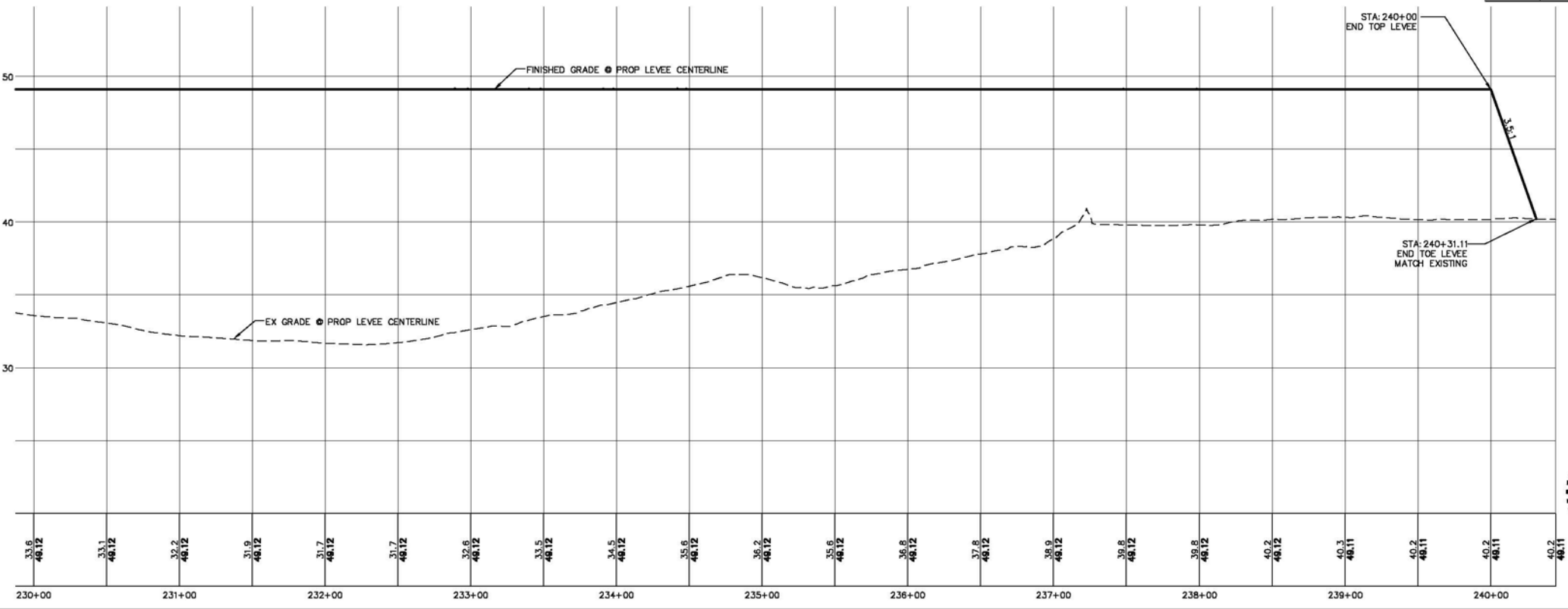
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Symbol	Description
--- (dashed)	PROPOSED LEVEE MATCHPOINT
— (solid)	PROPOSED LEVEE CENTERLINE
- - - (dashed)	EXISTING LEVEE CENTERLINE
— (solid)	EXISTING ASPHALT ROADWAY
— (solid)	EXISTING GRAVEL ROADWAY
- x - x - x - (dashed with crosses)	EXISTING FENCELINE

LEGEND

Station	Fill Volume (CY)	Cumulative Fill Volume (CY)
230+50	1,847	205,028
231+00	1,904	206,932
231+50	1,906	208,838
232+00	1,870	210,708
232+50	1,839	212,546
233+00	1,789	214,335
233+50	1,688	216,023
234+00	1,563	217,586
234+50	1,407	218,993
235+00	1,303	220,296
235+50	1,250	221,546
236+00	1,165	222,711
236+50	1,038	223,749
237+00	936	224,685
237+50	910	225,594
238+00	883	226,478
238+50	856	227,334
239+00	861	228,196
239+50	863	229,058
240+00	767	229,825



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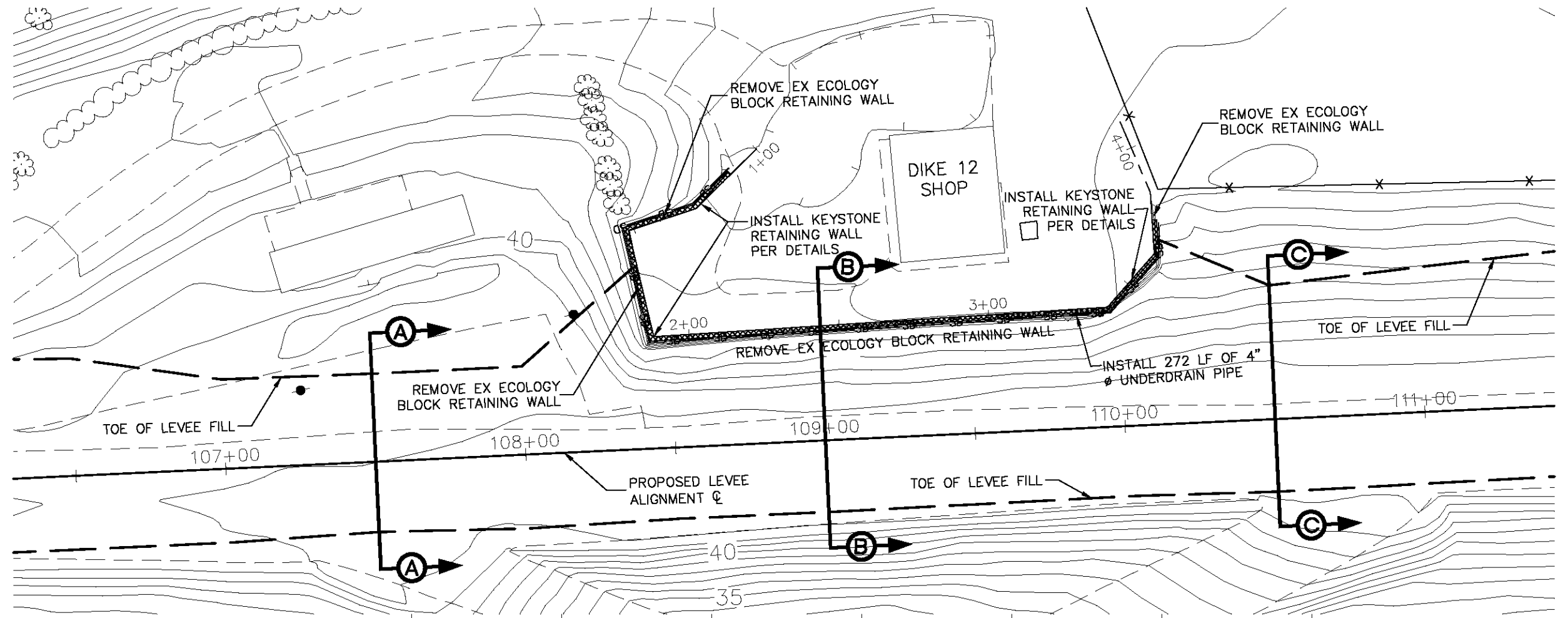
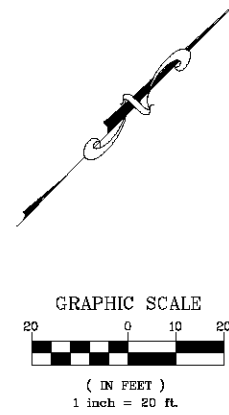
NO.	DATE	REVISION	BY
1	10-11-10	ADDED GRADING PLAN STA 239+00-240+454	GG

CITY OF BURLINGTON

DIKE 12 LEVEE CERTIFICATION
PROPOSED LEVEE ALIGNMENT
STA 230+00 TO 240+00

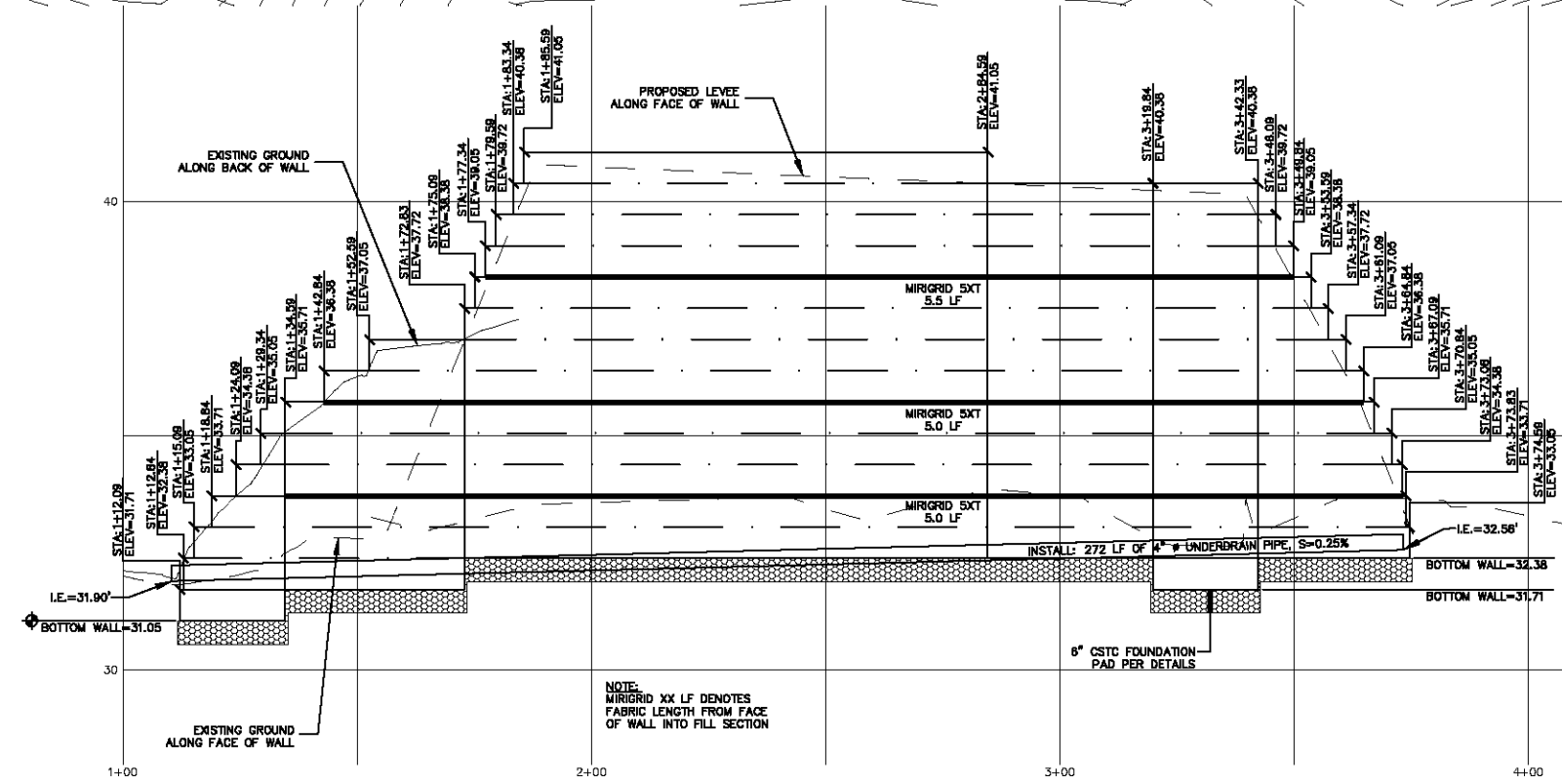
JOB# / DWG	DATE
09031 SP1	3-3-11
SCALE	SHEET
H:1"=50' V:1"=5'	17

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LEGEND

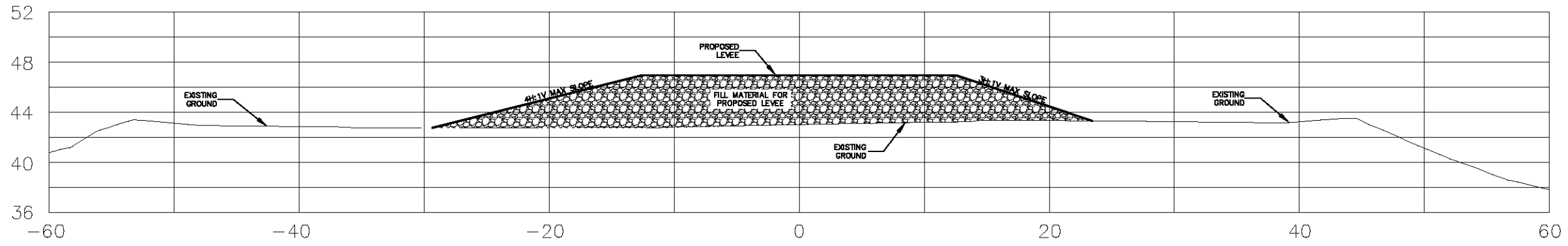
- = PROPOSED LEVEE MATCHPOINT
- = PROPOSED LEVEE CENTERLINE
- - - = EXISTING LEVEE CENTERLINE
- = EXISTING ASPHALT ROADWAY
- - - = EXISTING GRAVEL ROADWAY
- * * * = EXISTING FENCELINE



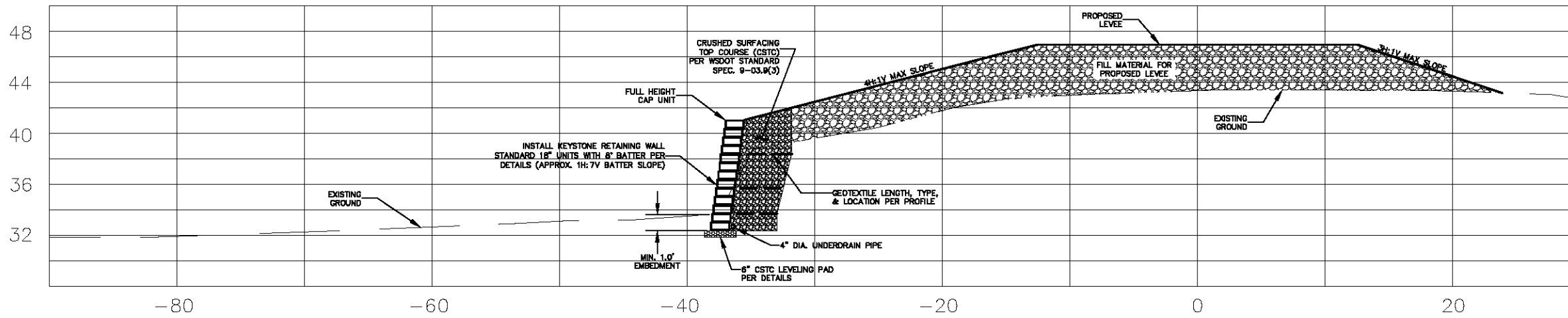
NOTE:
MIRGRID XX LF DENOTES
FABRIC LENGTH FROM FACE
OF WALL INTO FILL SECTION



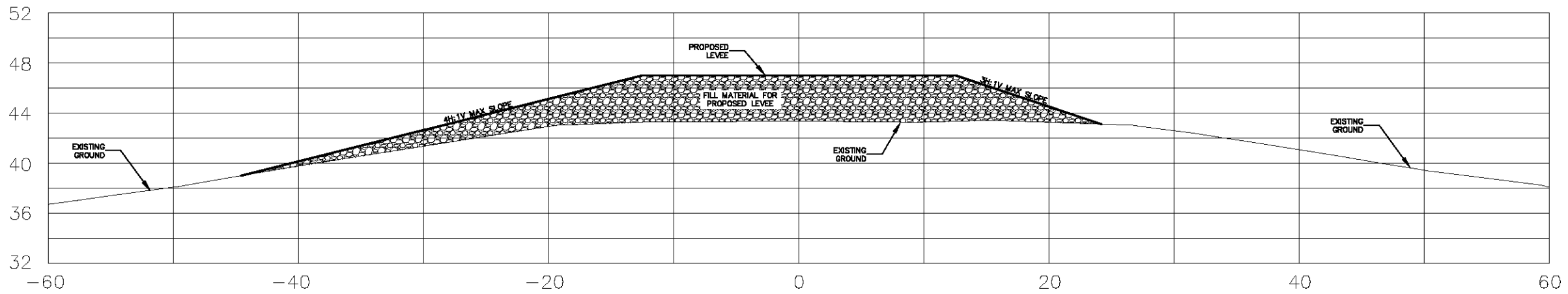
DESIGNED BY GG DRAWN BY GG CHECKED BY LP	REICHHARDT & EBE ENGINEERING, INC. CONSULTING ENGINEERS PO Box 978 423 Front St., Ste 201 Lynden, Washington 98264 Ph (360) 354-3887 Fax (360) 354-0407	NO. DATE REVISION BY	CITY OF BURLINGTON	DIKE 12 LEVEE CERTIFICATION DIKE DISTRICT 12 SHOP WALL PLAN AND PROFILE	JOB# / DWG 09031 SP1	DATE 3-3-11
					SCALE H: 1" = 20' V: 1" = 2'	SHEET 18



**(A) TYPICAL SECTION
LEVEE STA: 107+50**



**(B) TYPICAL SECTION
LEVEE STA: 109+00**



**(C) TYPICAL SECTION
LEVEE STA: 110+50**



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NO.	DATE	REVISION	BY

CITY OF BURLINGTON

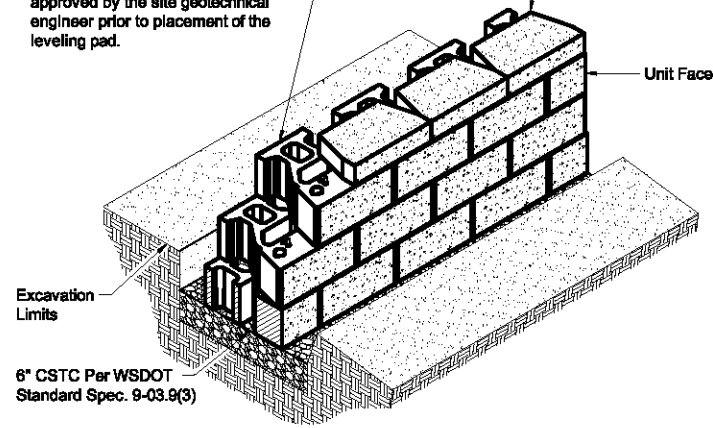
DIKE 12 LEVEE CERTIFICATION
DIKE DISTRICT 12 SHOP WALL
TYPICAL SECTIONS

JOB# / DWG	DATE
09031 SP1	3-3-11
SCALE	SHEET
H: 1" = 5' V: 1" = 5'	19

Base Leveling Pad Notes:

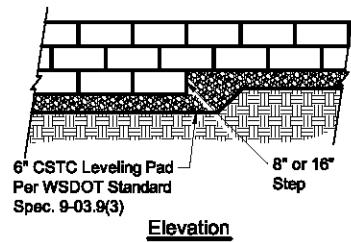
1. The leveling pad is to be constructed of Crushed Surfacing Top Course (CSTC) per WSDOT Standard Specification 9-03.9(3).
2. The base foundation is to be approved by the site geotechnical engineer prior to placement of the leveling pad.

Standard Unit		Cap Unit	
Width:	18"	Width:	10 1/2"
*Depth:	18"	*Depth:	4"
Height:	8"	*Height:	50 lbs
*Weight:	108 lbs		



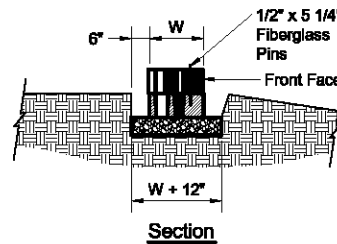
Standard Unit/Base Pad Isometric Section View

*Dimensions & Weight May Vary by Region

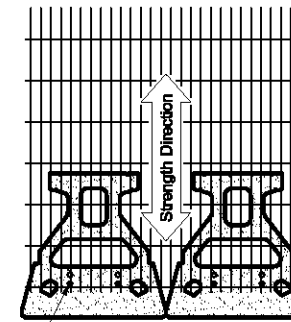


Note:

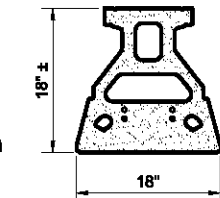
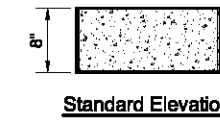
1. The leveling pad is to be constructed of Crushed Surfacing Top Course (CSTC) per WSDOT Standard Specification 9-03.9(3).



Leveling Pad Detail

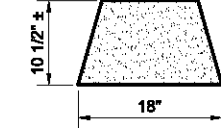
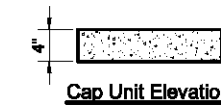


Grid & Pin Connection



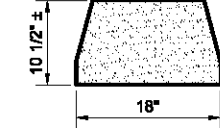
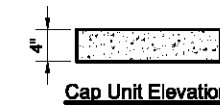
Standard Unit

*Dimensions May Vary by Region



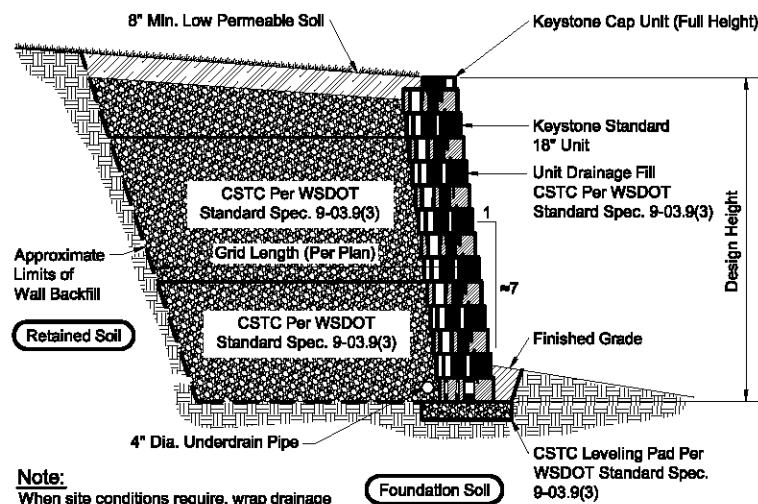
Universal Cap Unit Option

*Dimensions & Availability Will Vary by Region



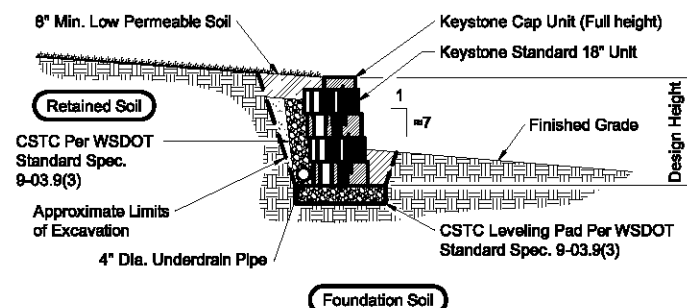
Straight Split Cap Unit Option

*Dimensions & Availability Will Vary by Region



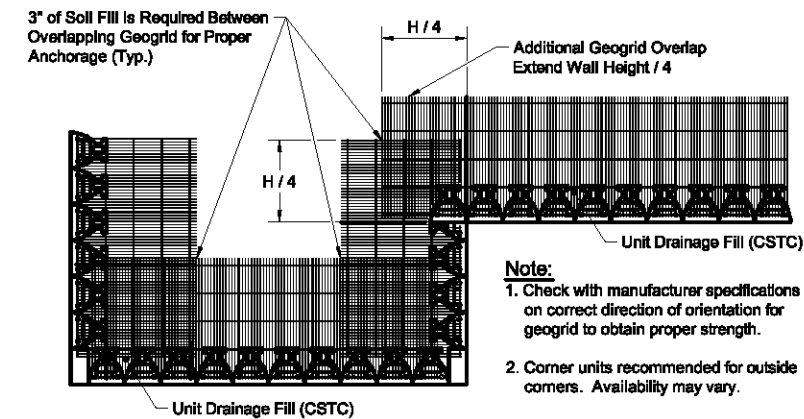
Typical Reinforced Wall Section

Standard Unit - 1" Setback



Typical Gravity Wall Section

Standard Unit - 1" Setback



Geogrid Installation at Corners

Note:

1. Check with manufacturer specifications on correct direction of orientation for geogrid to obtain proper strength.
2. Corner units recommended for outside corners. Availability may vary.



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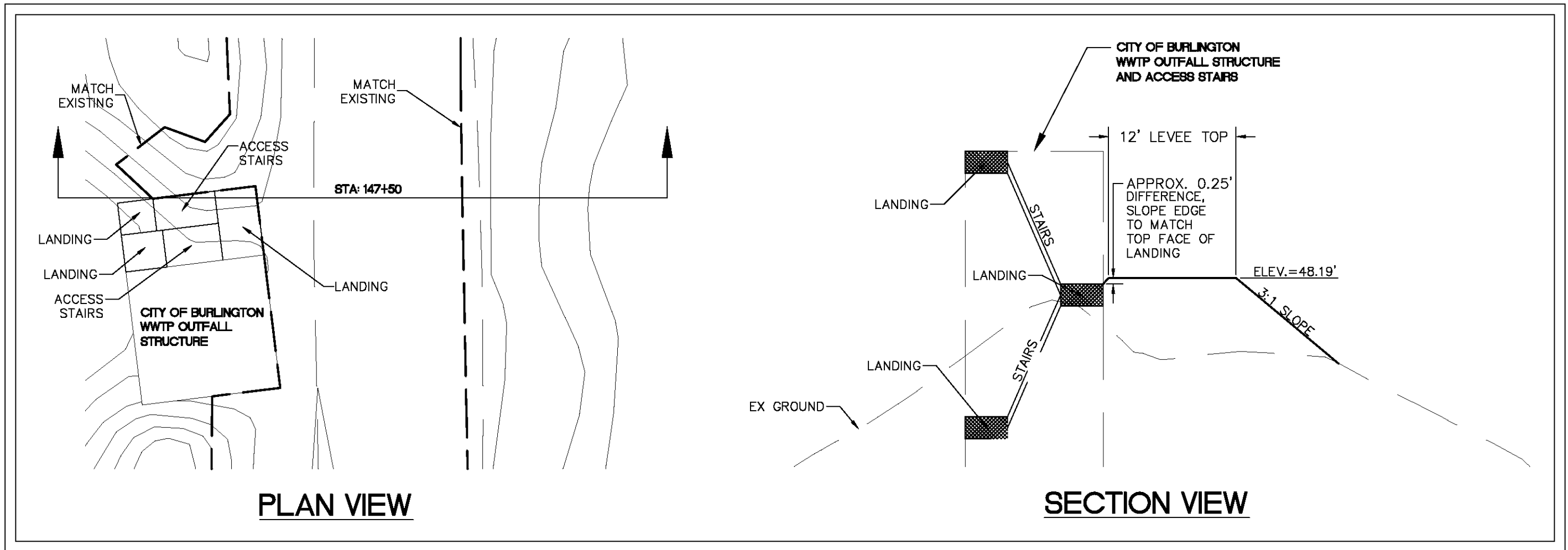
NO. DATE REVISION BY

CITY OF BURLINGTON

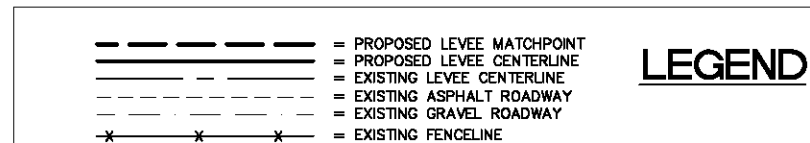
DIKE 12 LEVEE CERTIFICATION
DIKE DISTRICT 12 SHOP WALL
DETAILS

JOB# / DWG	09031	DET	DATE	3-3-11
SCALE	H:NTS	V:NTS	SHEET	20

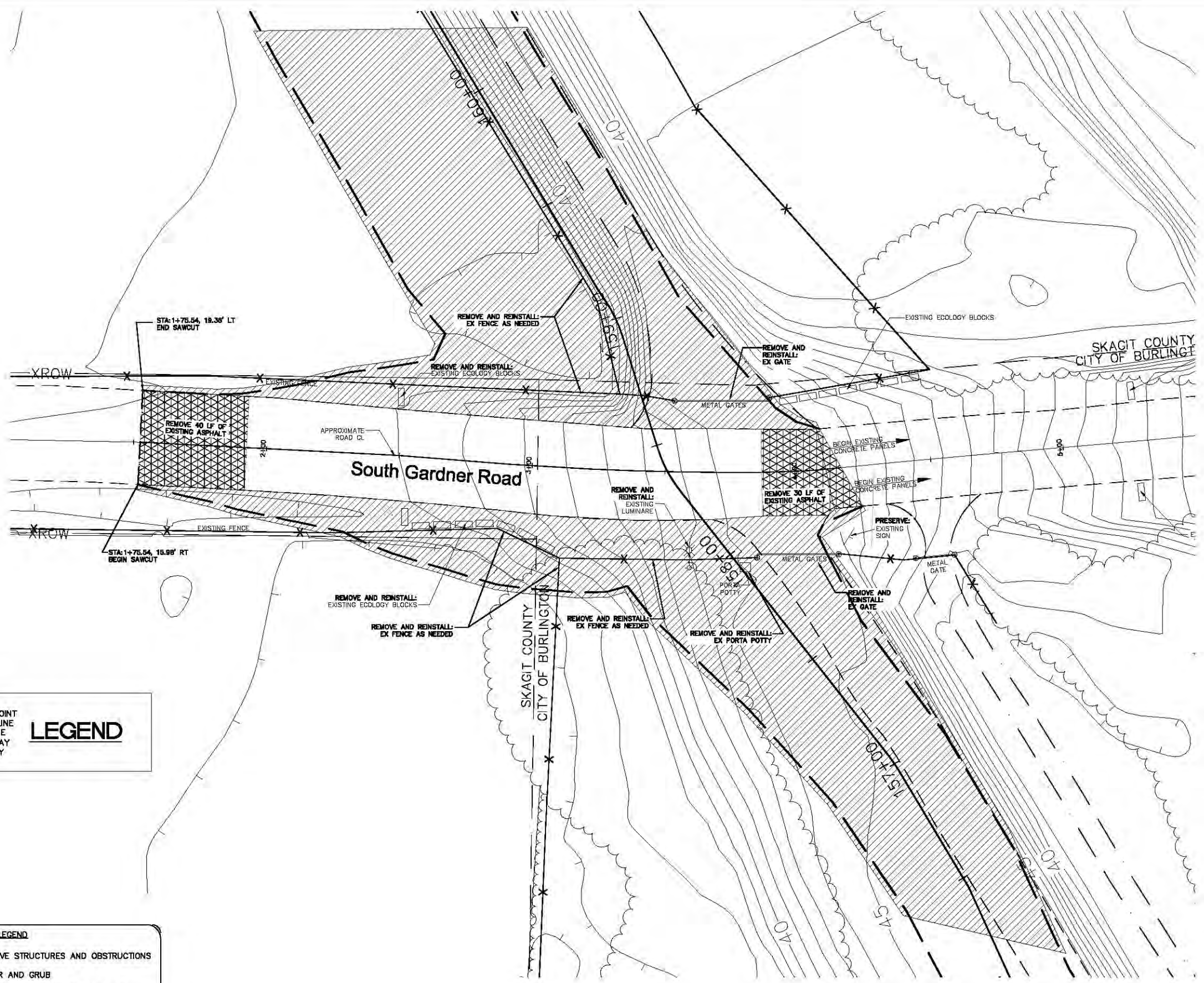
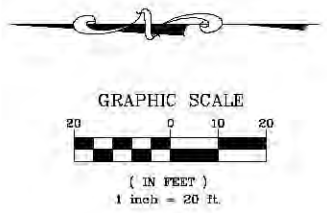
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**WWTP OUTFALL STRUCTURE
STA: 147+50 NTS**



DESIGNED BY LP DRAWN BY LMC CHECKED BY LP	 REICHHARDT & EBE ENGINEERING, INC. CONSULTING ENGINEERS PO Box 978 423 Front St., Ste 201 Lynden, Washington 98264 Ph (360) 354-3687 Fax (360) 354-0407	NO. DATE REVISION BY	CITY OF BURLINGTON	DIKE 12 LEVEE CERTIFICATION PROPOSED LEVEE ALIGNMENT DETAILS	JOB# / DWG 09031 SP1	DATE 3-3-11
					SCALE H: N/A V: N/A	SHEET 21



LEGEND	
	= PROPOSED LEVEE MATCHPOINT
	= PROPOSED LEVEE CENTERLINE
	= EXISTING LEVEE CENTERLINE
	= EXISTING ASPHALT ROADWAY
	= EXISTING GRAVEL ROADWAY
	= EXISTING FENCELINE

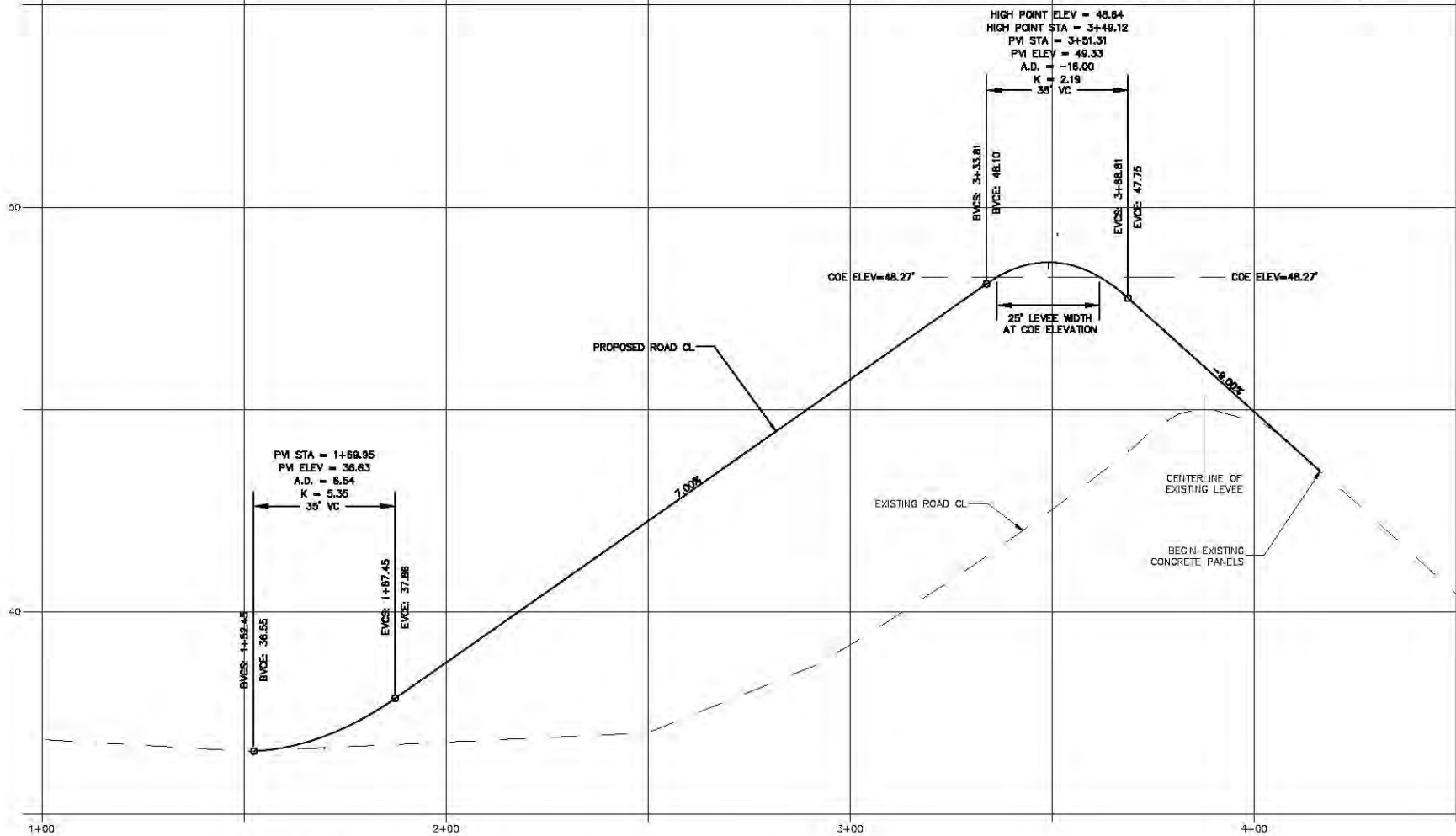
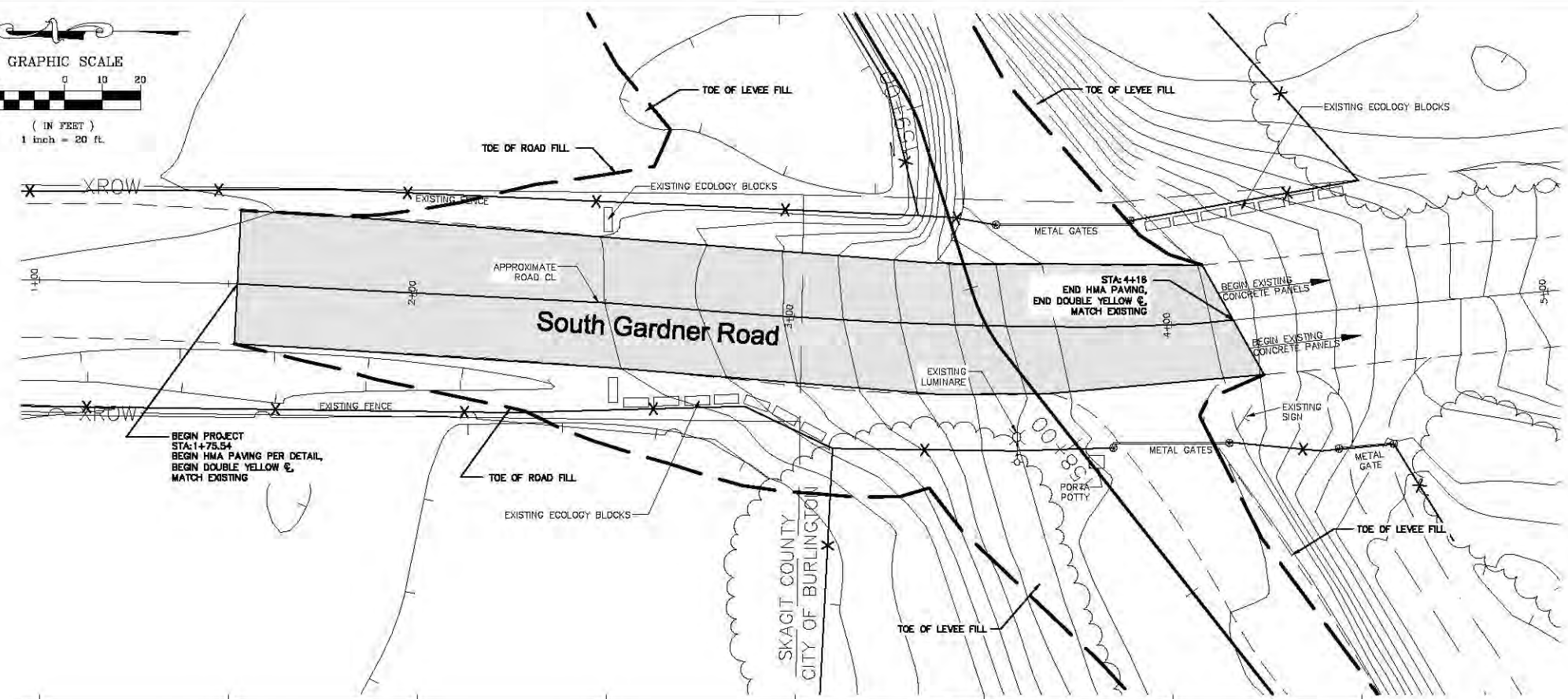
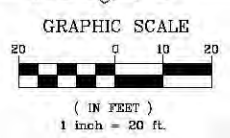
EXISTING CONDITIONS LEGEND	
	= EXISTING EDGE OF ROADWAY
	= EXISTING FENCELINE
	= EXISTING RIGHT-OF-WAY
	= BURLINGTON CITY LIMITS
	= EXISTING TREELINE/BRUSH

DEMO LEGEND	
	= REMOVE STRUCTURES AND OBSTRUCTIONS
	= CLEAR AND GRUB
	= SAWCUT FULL DEPTH OF PAVEMENT



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DRAWN BY GG		SCALE 1" = 20'							SHEET 22
CHECKED BY LP									



LEGEND	
	= PROPOSED LEVEE MATCHPOINT
	= PROPOSED LEVEE CENTERLINE
	= EXISTING LEVEE CENTERLINE
	= EXISTING ASPHALT ROADWAY
	= EXISTING GRAVEL ROADWAY
	= EXISTING FENCELINE



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Lynden, Washington 98264 Fax (360) 354-0407

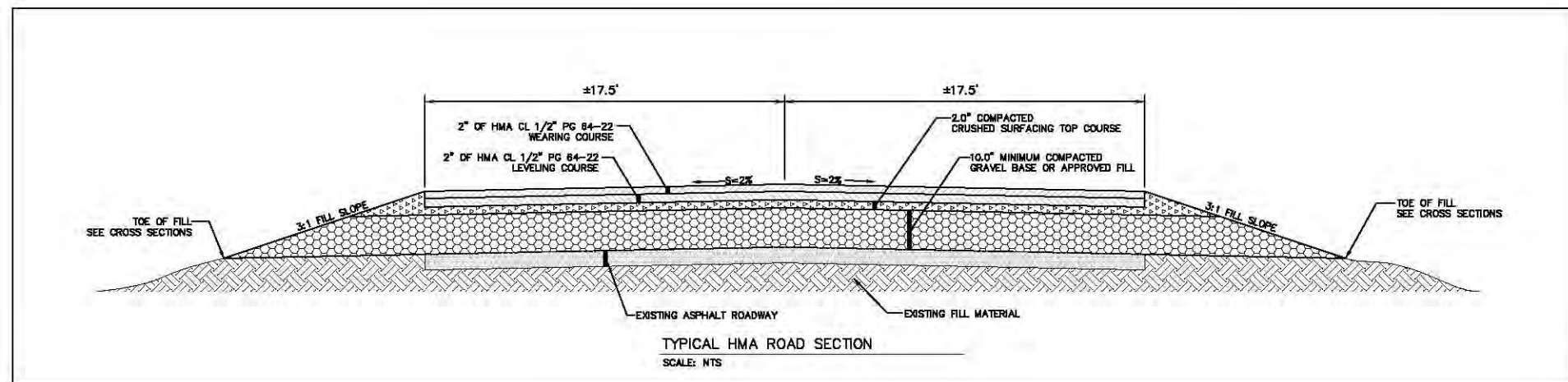
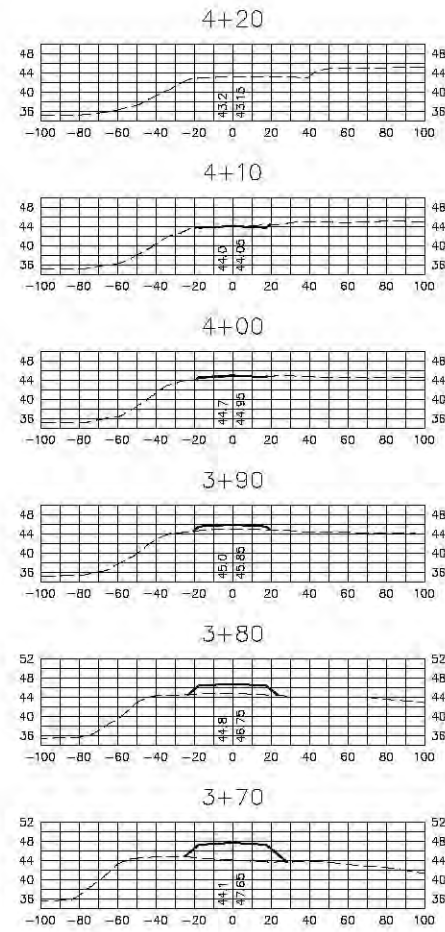
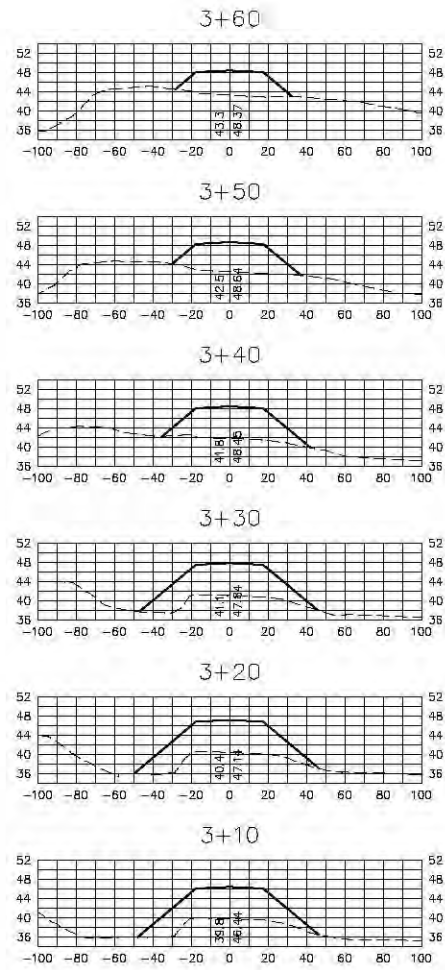
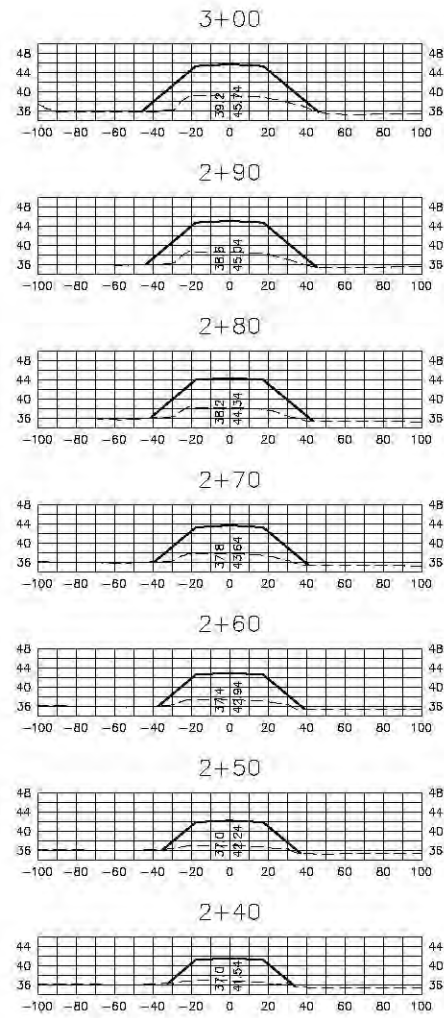
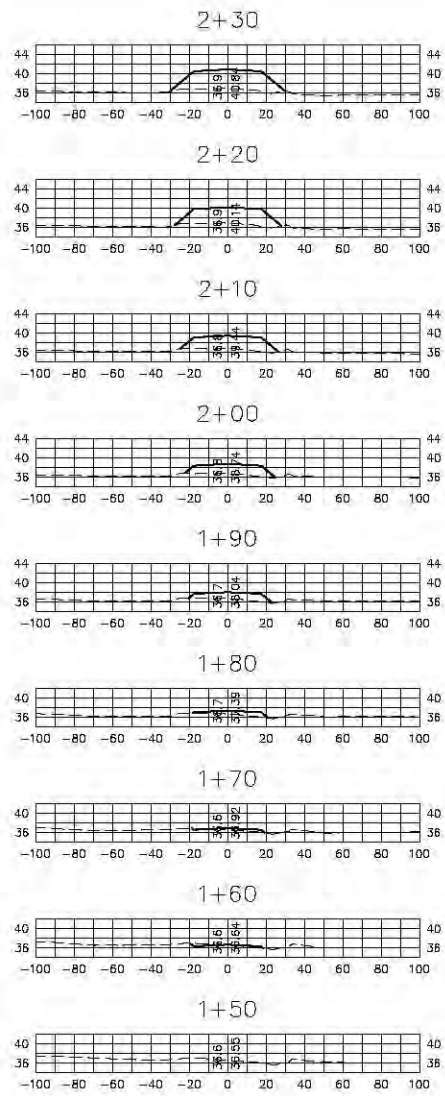
NO.	DATE	REVISION	BY

CITY OF BURLINGTON

DIKE 12 LEVEE CERTIFICATION
SOUTH GARDNER ROAD BOAT LAUNCH
PLAN AND PROFILE

JOB# / DWG 09031 SP1	DATE 3-3-11
SCALE H: 1" = 20' V: 1" = 2'	SHEET 23

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NO.	DATE	REVISION	BY

CITY OF BURLINGTON

DIKE 12 LEVEE CERTIFICATION
SOUTH GARDNER ROAD BOAT LAUNCH
CROSS SECTIONS AND DETAILS

JOB# / DWG
09031 SP1
SCALE
H: 1" = 50' V: 1" = 20'

DATE
3-3-11
SHEET
24