

CITY OF PORTLAND PUBLIC SERVICES DEPARTMENT

CONTRACT DRAWINGS

ANDERSON STREET NEIGHBORHOOD BYWAY PROJECT PHASE 2 OF 2 – CONTRACT 2 OF 3 CDBG IMPROVEMENTS

BID NUMBER: 1516

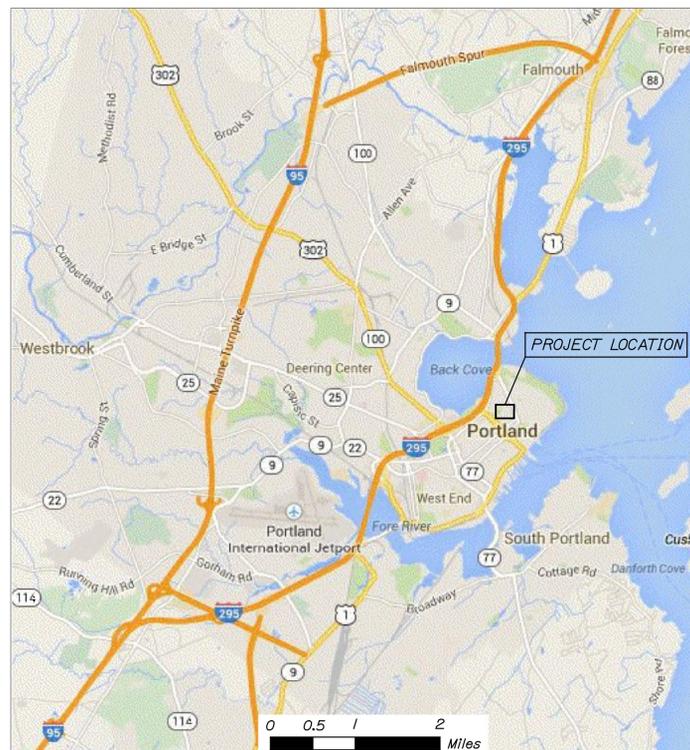
YEAR
APPROVED
2015

CONSTRUCTION PLANS
SEPTEMBER 2015

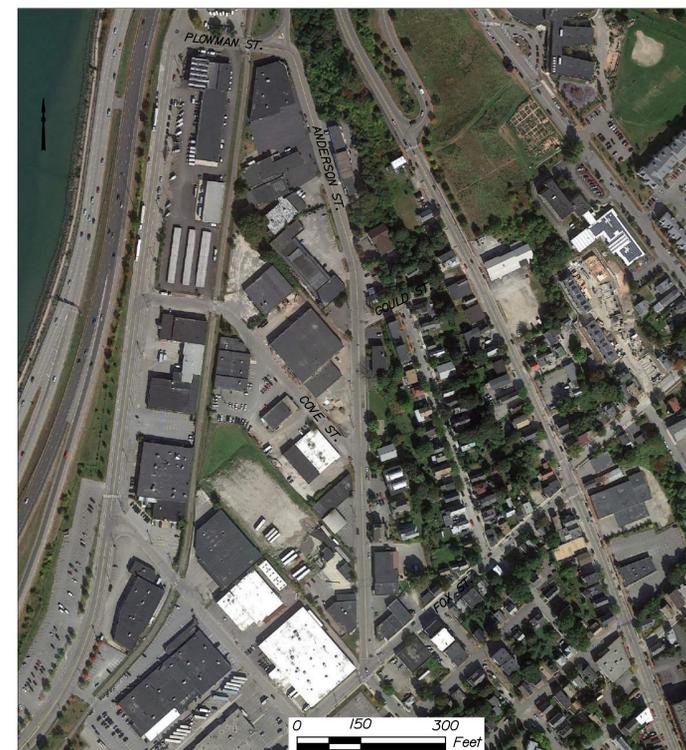
INDEX OF PLANS

<u>SHEET No.</u>	<u>SHEET TITLE</u>
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2	GENERAL NOTES & ABBREVIATIONS
3-6	LAYOUT PLANS
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9-12	GEOMETRY PLANS
13	REPRESENTATIVE SECTIONS
14-16	GENERAL DETAILS
17-19	PLANTING PLAN
20	PLANTING PLAN & DETAILS

PROJECT LOCATION



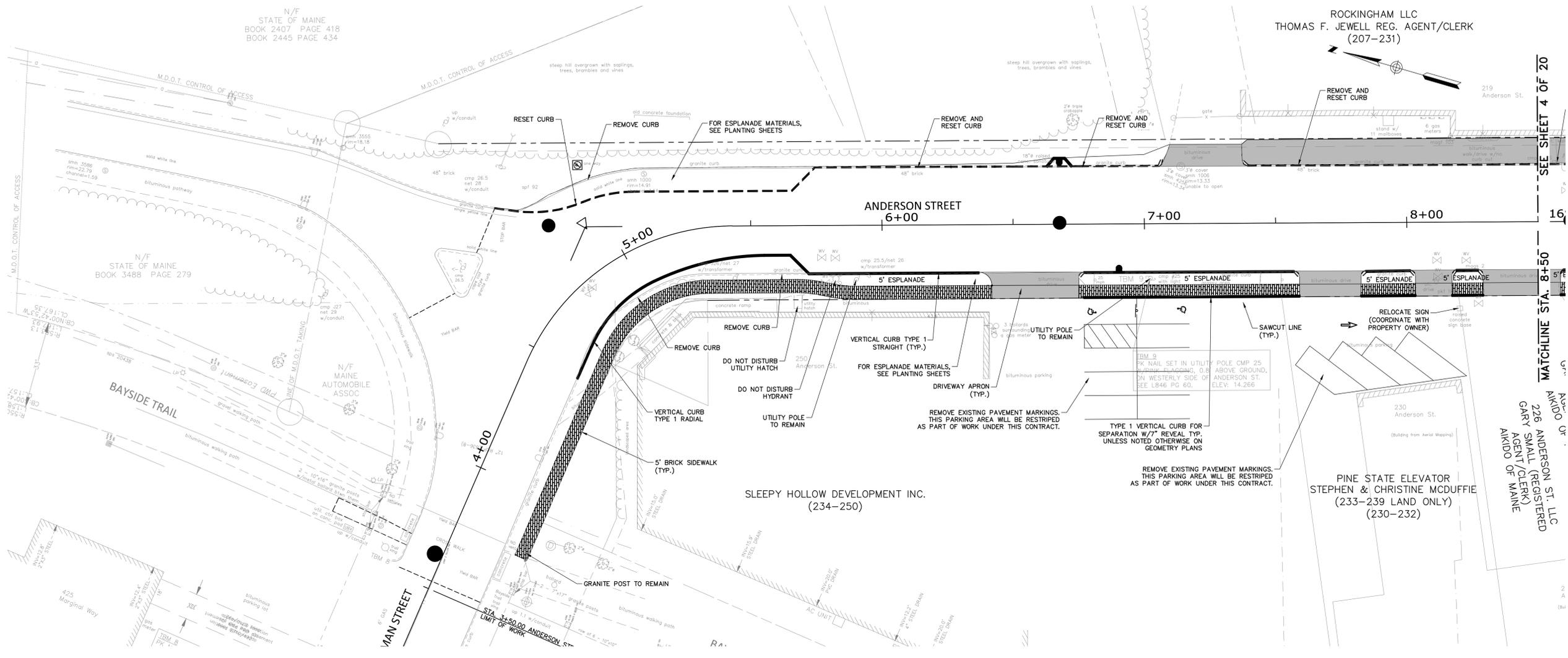
AREA MAP



KATHERINE A. EARLEY
CITY ENGINEER

DATE

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PLAN
SCALE: 1"=20'

NOTES:

- SEE GEOMETRIC LAYOUT SHEET FOR CURBLINE LAYOUT.
- FOR SANITARY SEWER, STORM DRAIN, AND SOIL FILTER IMPROVEMENTS, SEE CONTRACT 1 OF 3.
- NEW W11-2 AND W16-7P SIGNS AND PLAQUES SHALL HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT YELLOW-GREEN BACKGROUND.

N/F
STATE OF MAINE
BOOK 2407 PAGE 418
BOOK 2445 PAGE 434

N/F
STATE OF MAINE
BOOK 3488 PAGE 279

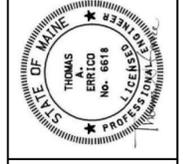
ROCKINGHAM LLC
THOMAS F. JEWELL REG. AGENT/CLERK
(207-231)

SEE SHEET 4 OF 20

MATCHLINE STA. 8+50

REFERENCES:

DESIGNED BY:	KEY
DRAWN BY:	PEM
CHECKED BY:	TJK
SCALE:	AS NOTED
DATE:	SEPTEMBER 21, 2015



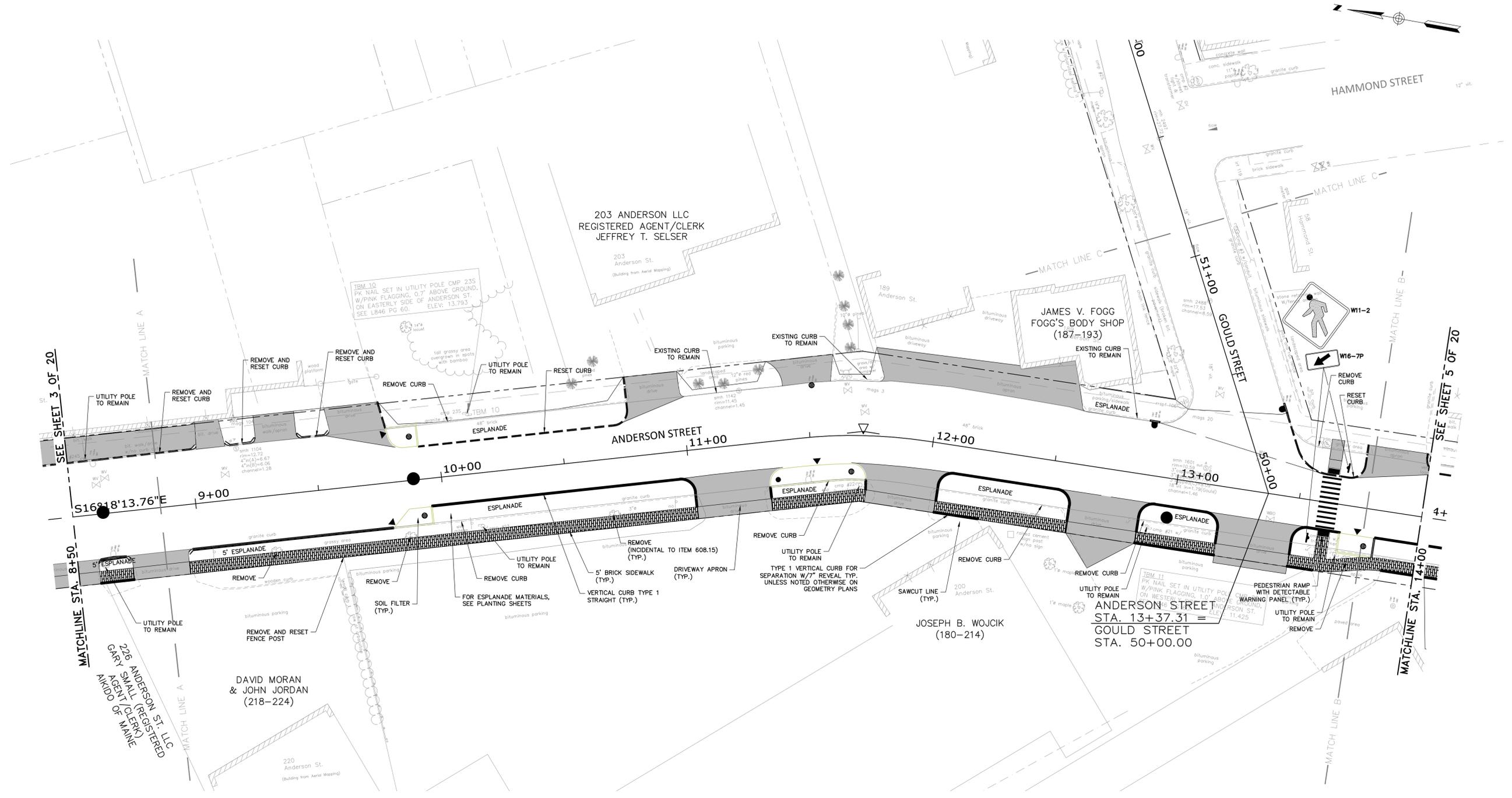
ANDERSON STREET
NEIGHBORHOOD BYWAY PROJECT
PHASE 2 OF 2 - CONTRACT 2 OF 3
CDBG IMPROVEMENTS
LAYOUT PLAN - 1

CITY OF PORTLAND, MAINE
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ENGINEERING DIVISION



SHEET #
3 OF 20
PLAN NUMBER

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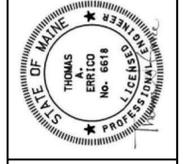


PLAN
SCALE: 1"=20'

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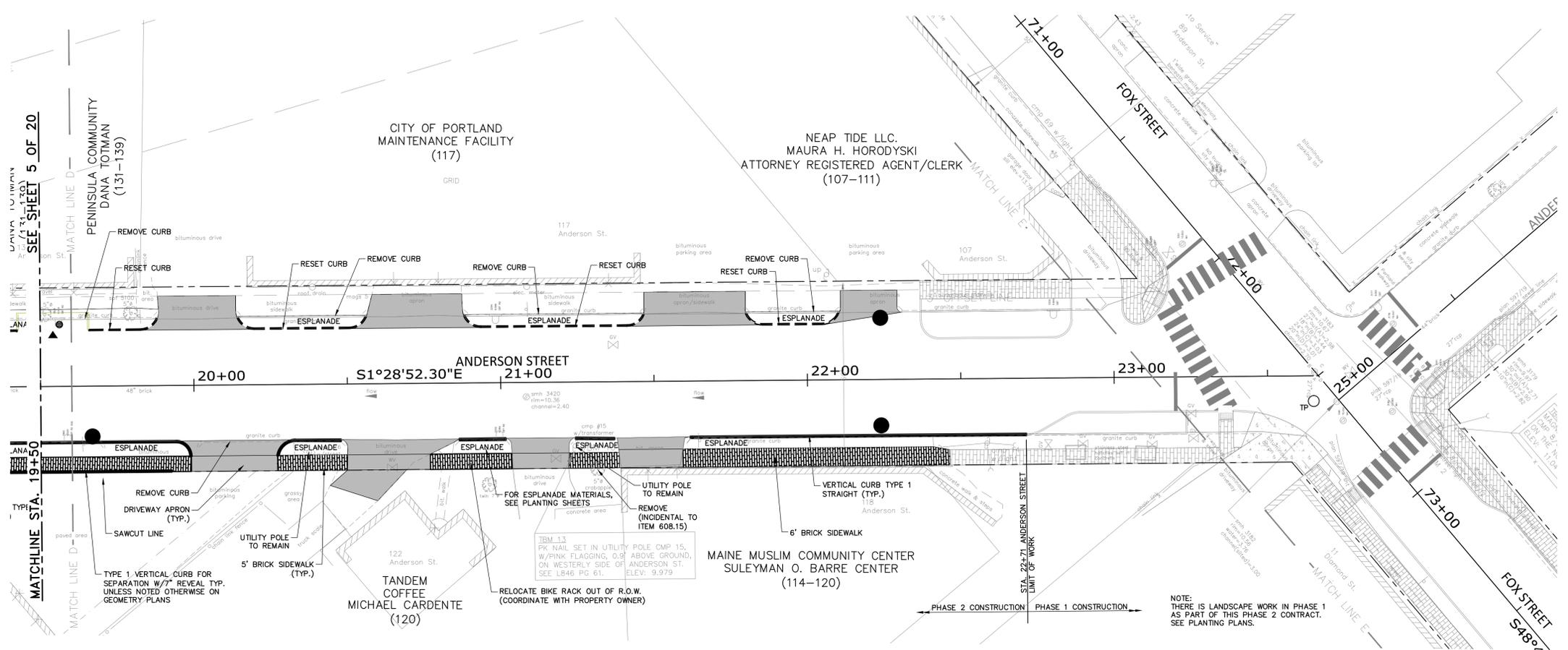
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ANDERSON STREET
NEIGHBORHOOD BYWAY PROJECT
PHASE 2 OF 2 - CONTRACT 2 OF 3
CDBG IMPROVEMENTS
LAYOUT PLAN - 2

CITY OF PORTLAND, MAINE
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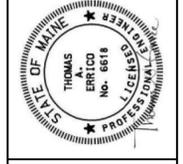


PLAN
SCALE: 1"=20'

NOTE:
THERE IS LANDSCAPE WORK IN PHASE 1
AS PART OF THIS PHASE 2 CONTRACT.
SEE PLANTING PLANS.

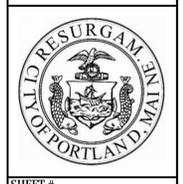
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DATE:	SEPTEMBER 21, 2015



**ANDERSON STREET
NEIGHBORHOOD BYWAY PROJECT
PHASE 2 OF 2 - CONTRACT 2 OF 3
CDBG IMPROVEMENTS
LAYOUT PLAN - 4**

**CITY OF PORTLAND, MAINE
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ENGINEERING DIVISION**

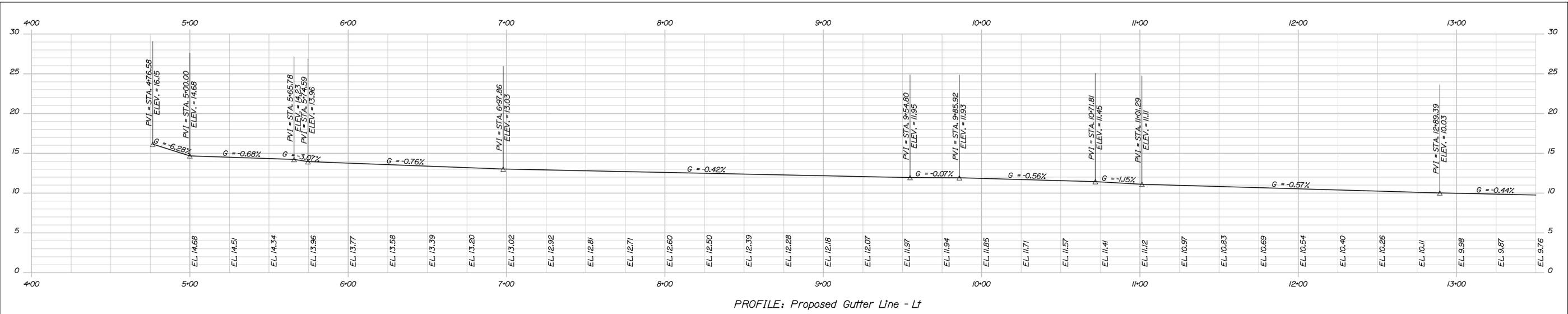


SHEET #
6 OF 20

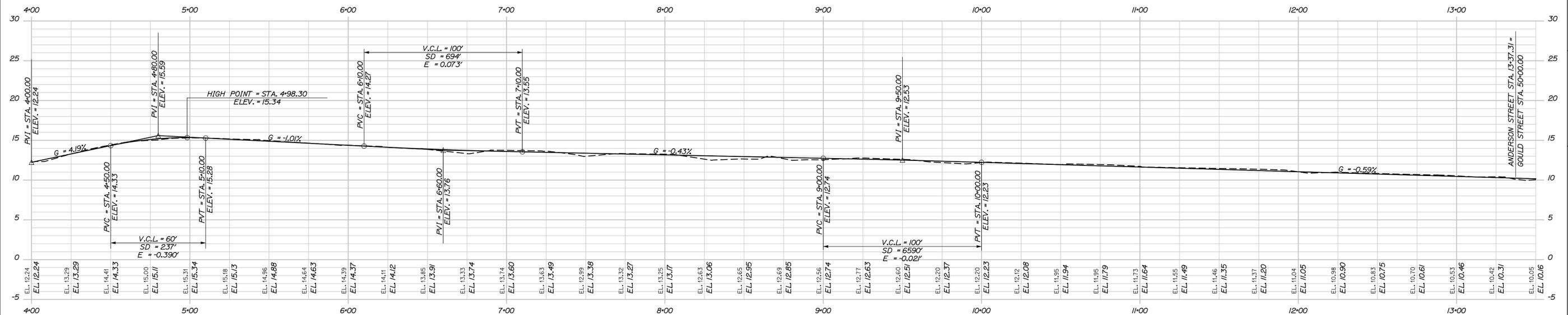
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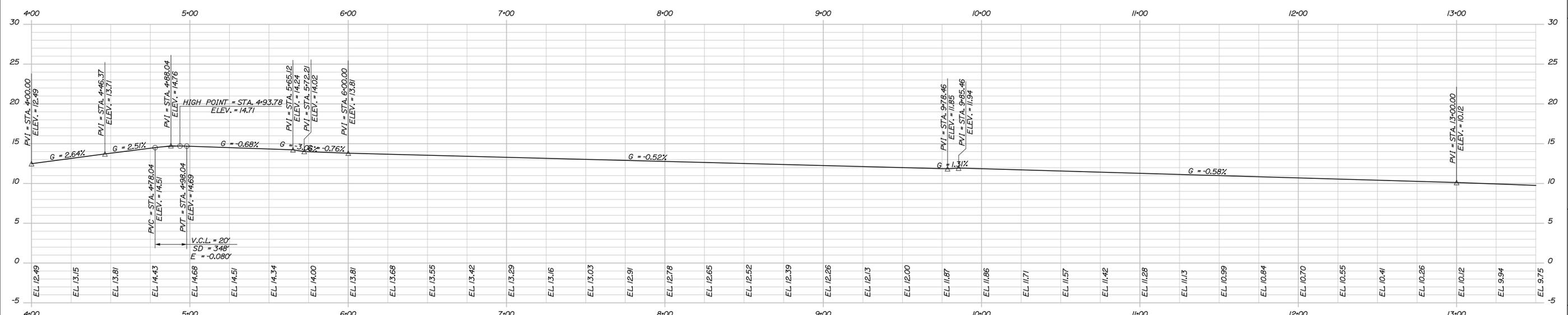
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PROFILE: Proposed Gutter Line - Lt



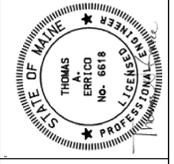
PROFILE: BL Anderson



PROFILE: Proposed Gutter Line - Rt

REFERENCES:

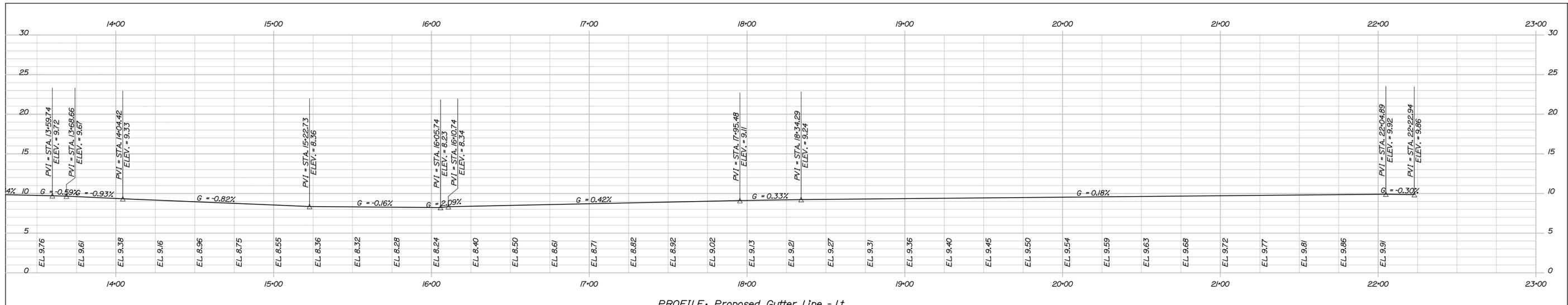
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DATE:	SEPTEMBER 21, 2015



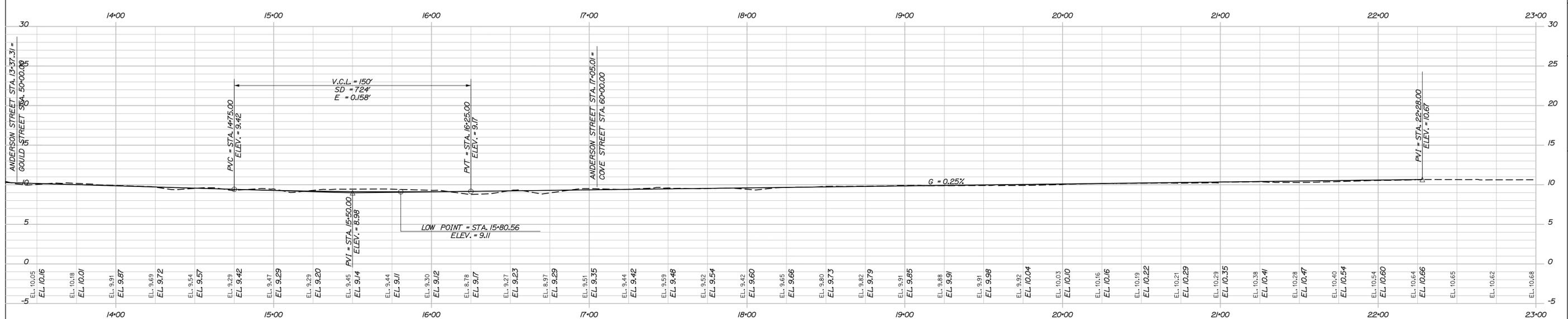
ANDERSON STREET
NEIGHBORHOOD BYWAY PROJECT
PHASE 2 OF 2 - CONTRACT 2 OF 3
CDBG IMPROVEMENTS
PROFILE - 1

CITY OF PORTLAND, MAINE
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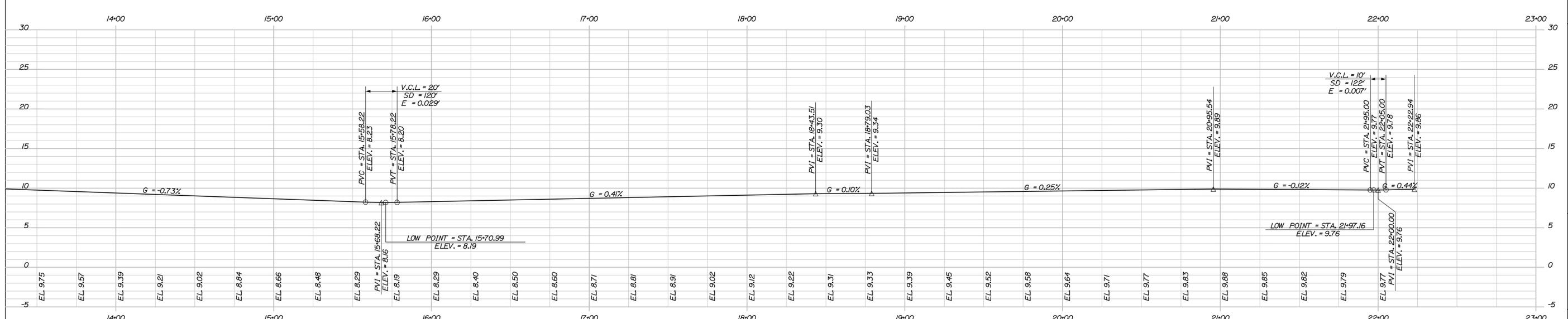




PROFILE: Proposed Gutter Line - Lt



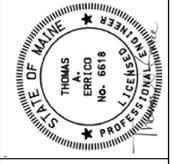
PROFILE: BL Anderson



PROFILE: Proposed Gutter Line - Rt

REFERENCES:

DESIGNED BY:	TKS
DRAWN BY:	PEM
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SCALE:	AS NOTED
DATE:	SEPTEMBER 21, 2015

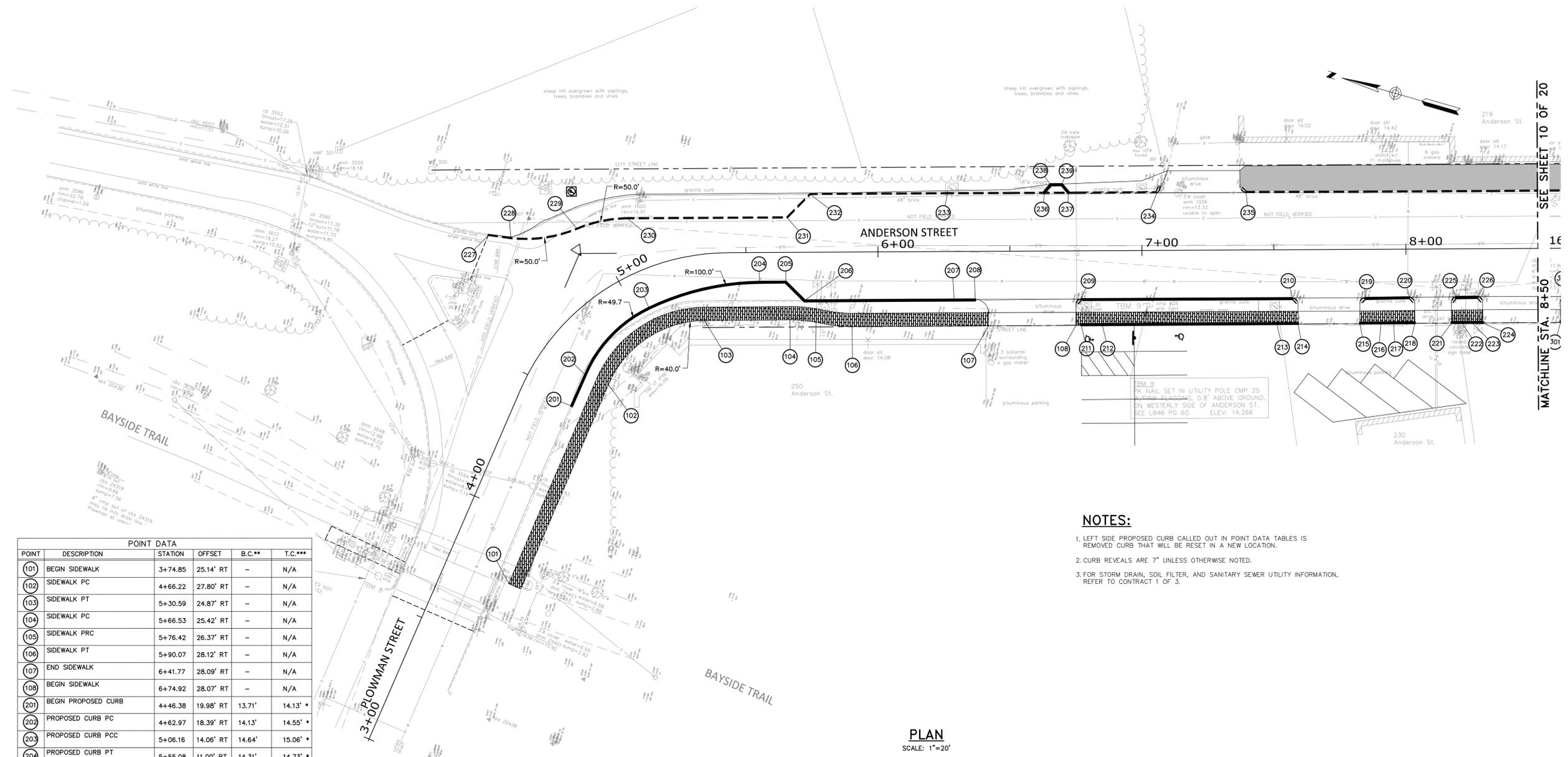


ANDERSON STREET
 NEIGHBORHOOD BYWAY PROJECT
 PHASE 2 OF 2 - CONTRACT 2 OF 3
 CDBG IMPROVEMENTS
 PROFILE - 2

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- NOTES:**
- LEFT SIDE PROPOSED CURB CALLED OUT IN POINT DATA TABLES IS REMOVED CURB THAT WILL BE RESET IN A NEW LOCATION.
 - CURB REVEALS ARE 7" UNLESS OTHERWISE NOTED.
 - FOR STORM DRAIN, SOIL FILTER, AND SANITARY SEWER UTILITY INFORMATION, REFER TO CONTRACT 1 OF 3.

PLAN
SCALE: 1"=20'

POINT DATA					
POINT	DESCRIPTION	STATION	OFFSET	B.C.**	T.C.***
101	BEGIN SIDEWALK	3+74.85	25.14' RT	-	N/A
102	SIDEWALK PC	4+66.22	27.80' RT	-	N/A
103	SIDEWALK PT	5+30.59	24.87' RT	-	N/A
104	SIDEWALK PC	5+66.53	25.42' RT	-	N/A
105	SIDEWALK PRC	5+76.42	26.37' RT	-	N/A
106	SIDEWALK PT	5+90.07	28.12' RT	-	N/A
107	END SIDEWALK	6+41.77	28.09' RT	-	N/A
108	BEGIN SIDEWALK	6+74.92	28.07' RT	-	N/A
201	BEGIN PROPOSED CURB	4+46.38	19.98' RT	13.71'	14.13' *
202	PROPOSED CURB PC	4+62.97	18.39' RT	14.13'	14.55' *
203	PROPOSED CURB PCC	5+06.16	14.06' RT	14.64'	15.06' *
204	PROPOSED CURB PT	5+55.08	11.00' RT	14.31'	14.73' *
205	PROPOSED CURB ANGLE BREAK	5+65.12	11.00' RT	14.24'	14.66' *
206	PROPOSED CURB ANGLE BREAK	5+72.21	18.08' RT	14.02'	14.44' *
207	END PROPOSED CURB	6+28.76	18.08' RT	13.66'	14.08' *
208	BEGIN STRAIGHT TIP DOWN	6+36.76	18.08' RT	13.62'	14.04' *
209	BEGIN REMOVE AND RESET VERTICAL GRANITE CURB	6+76.90	18.16' RT	13.41'	14.00'
210	END REMOVE AND RESET VERTICAL GRANITE CURB	7+56.93	18.21' RT	13.00'	13.58'
211	BEGIN STRAIGHT CURB TIP DOWN	6+76.89	28.07' RT	-	N/A
212	END STRAIGHT CURB TIP DOWN	6+84.89	28.07' RT	-	N/A
213	BEGIN STRAIGHT CURB TIP DOWN	7+51.01	28.03' RT	-	N/A
214	END STRAIGHT CURB TIP DOWN	7+59.01	28.03' RT	-	N/A
215	BEGIN STRAIGHT CURB TIP DOWN	7+82.45	28.01' RT	-	N/A
216	END STRAIGHT CURB TIP DOWN	7+90.45	28.01' RT	-	N/A
217	BEGIN STRAIGHT CURB TIP DOWN	7+95.22	28.01' RT	-	N/A
218	END STRAIGHT CURB TIP DOWN	8+03.22	28.00' RT	-	N/A
219	BEGIN REMOVE AND RESET VERTICAL GRANITE CURB	7+84.47	18.30' RT	12.86'	13.44'
220	END REMOVE AND RESET VERTICAL GRANITE CURB	8+01.28	18.15' RT	12.77'	13.35'
221	BEGIN STRAIGHT CURB TIP DOWN	8+17.12	28.00' RT	-	N/A
222	END STRAIGHT CURB TIP DOWN	8+21.12	28.00' RT	-	N/A
223	BEGIN STRAIGHT CURB TIP DOWN	8+25.00	28.00' RT	-	N/A
224	END STRAIGHT CURB TIP DOWN	8+29.00	28.00' RT	-	N/A
225	BEGIN REMOVE AND RESET VERTICAL GRANITE CURB	8+18.80	18.09' RT	12.68'	13.26'

POINT DATA					
POINT	DESCRIPTION	STATION	OFFSET	B.C.**	T.C.***
226	END REMOVE AND RESET VERTICAL GRANITE CURB	8+27.19	18.05' RT	12.64'	13.22'
227	BEGIN PROPOSED CURB	4+76.60	43.83' LT	16.15'	16.73'
228	PROPOSED CURB PC	4+80.28	37.09' LT	15.92'	16.50'
229	PROPOSED CURB PRC	4+96.72	24.88' LT	14.89'	15.47'
230	PROPOSED CURB PT	5+11.70	19.95' LT	14.60'	15.18'
231	PROPOSED CURB ANGLE BREAK	5+65.78	13.00' LT	14.23'	14.81'
232	PROPOSED CURB ANGLE BREAK	5+74.59	21.81' LT	13.96'	14.56'
233	END PROPOSED CURB BEGIN REMOVE AND RESET CURB	6+26.43	21.80' LT	13.57'	14.15'
234	END REMOVE AND RESET CURB	7+05.83	21.75' LT	13.00'	13.58'
235	BEGIN REMOVE AND RESET CURB	7+39.54	21.67' LT	12.85'	13.43'
236	PROPOSED CURB ANGLE BREAK	6+63.15	21.75' LT	13.29'	13.87'
237	PROPOSED CURB ANGLE BREAK	6+72.21	21.76' LT	13.22'	13.80'
238	PROPOSED CURB ANGLE BREAK	6+65.68	24.73' LT	-	N/A
239	PROPOSED CURB ANGLE BREAK	6+69.68	24.73' LT	-	N/A

* 5" CURB REVEAL
** BOTTOM OF CURB (GUTTERLINE ELEVATION)
*** TOP OF CURB ELEVATION

SEE SHEET 10 OF 20
MATCHLINE STA. 8+50

REFERENCES:

DESIGNED BY:	KEY
DRAWN BY:	PLAN
CHECKED BY:	FILE
SCALE:	AS NOTED
DATE:	SEPTEMBER 21, 2015



**ANDERSON STREET
NEIGHBORHOOD BYWAY PROJECT
PHASE 2 OF 2 - CONTRACT 2 OF 3
CDBG IMPROVEMENTS
GEOMETRY PLAN - 1**

**CITY OF PORTLAND, MAINE
PUBLIC SERVICES DEPARTMENT
ENGINEERING DIVISION**

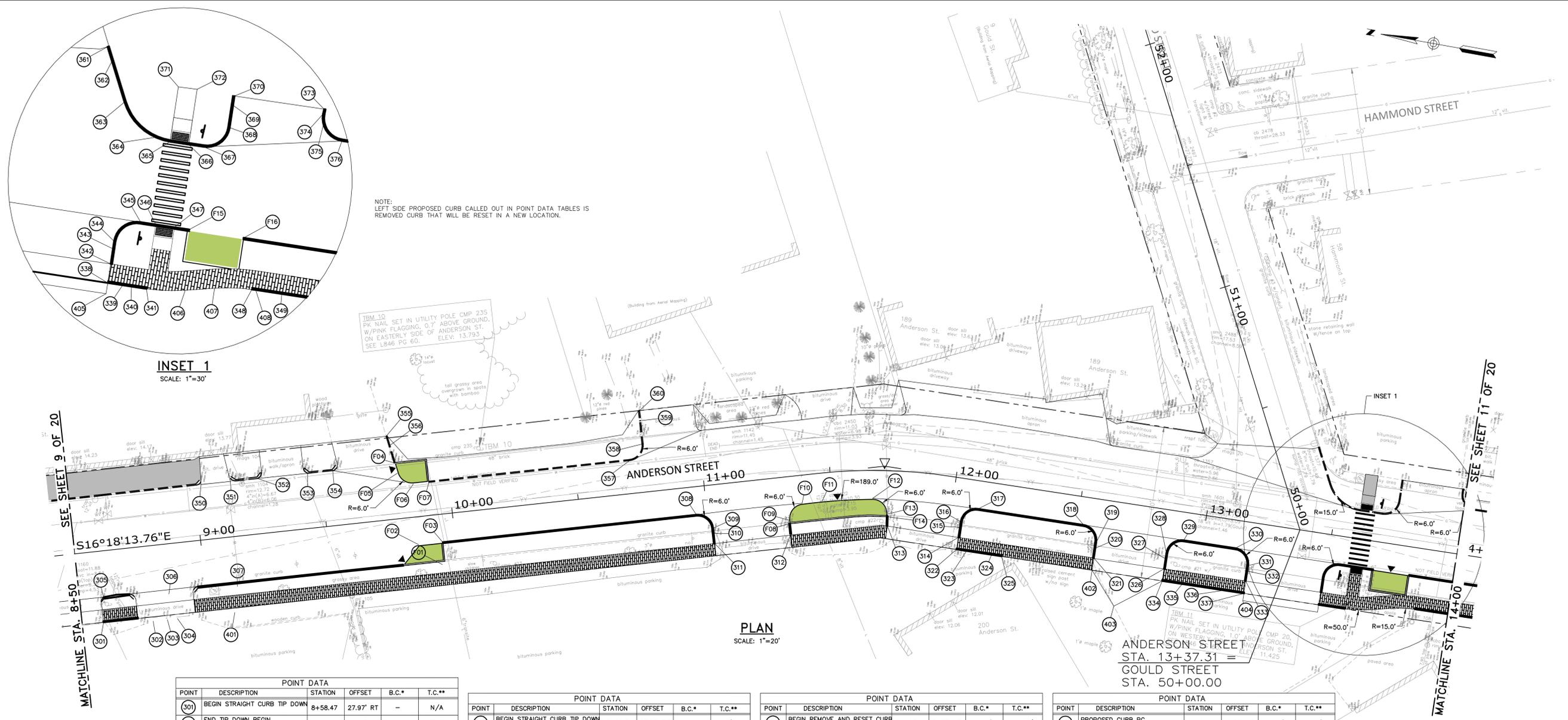


SHEET #
9 OF 20

PLAN NUMBER



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INSET 1
SCALE: 1"=30'

PLAN
SCALE: 1"=20'

POINT	DESCRIPTION	STATION	OFFSET	B.C.*	T.C.**
301	BEGIN STRAIGHT CURB TIP DOWN	8+58.47	27.97' RT	-	N/A
302	END TIP DOWN BEGIN PROPOSED CURB TYPE 1	8+62.47	27.97' RT	-	N/A
303	END PROPOSED CURB TYPE 1 BEGIN STRAIGHT TIP DOWN	8+68.11	27.96' RT	-	N/A
304	END STRAIGHT CURB BEGIN RADIAL CURB TIP DOWN	8+72.11	27.96' RT	-	N/A
305	BEGIN REMOVE AND RESET CURB	8+59.55	18.14' RT	12.47'	13.05'
306	END REMOVE AND RESET CURB	8+69.77	18.00' RT	12.41'	12.99'
307	BEGIN REMOVE AND RESET CURB	8+97.00	17.93' RT	12.27'	12.85'
308	PROPOSED CURB PC	10+95.75	11.00' RT	11.30'	11.88'
309	PROPOSED CURB PT	11+01.75	17.00' RT	-	N/A
310	BEGIN STRAIGHT CURB TIP DOWN	11+01.75	19.04' RT	-	N/A
311	END STRAIGHT TIP DOWN	11+01.75	23.04' RT	-	N/A
312	BEGIN STRAIGHT CURB TIP DOWN	11+31.75	22.95' RT	-	N/A
313	END STRAIGHT CURB TIP DOWN	11+73.39	21.80' RT	-	N/A
314	BEGIN STRAIGHT CURB TIP DOWN	12+04.43	23.30' RT	-	N/A
315	END STRAIGHT CURB TIP DOWN	12+04.43	19.30' RT	-	N/A
316	PROPOSED CURB PC	12+04.43	17.00' RT	-	N/A
317	PROPOSED CURB PT BEGIN PROP. STRAIGHT CURB	12+10.43	11.00' RT	10.64'	11.22'
318	PROPOSED CURB PC BEGIN PROP. RADIAL CURB	12+52.54	11.00' RT	10.40'	10.98'
319	PROPOSED CURB PT	12+58.54	17.00' RT	-	N/A
320	BEGIN STRAIGHT CURB TIP DOWN	12+58.54	19.24' RT	-	N/A
321	END STRAIGHT CURB TIP DOWN	12+58.54	23.30' RT	-	N/A
322	BEGIN STRAIGHT CURB TIP DOWN	12+04.43	28.08' RT	-	N/A
323	END STRAIGHT TIP DOWN BEGIN PROP. STRAIGHT CURB	12+08.43	28.09' RT	-	N/A
324	BEGIN STRAIGHT CURB TIP DOWN END PROP. STRAIGHT CURB	12+18.38	28.09' RT	-	N/A
325	END STRAIGHT TIP DOWN	12+22.39	28.09' RT	-	N/A

* BOTTOM OF CURB (GUTTERLINE ELEVATION)
** TOP OF CURB ELEVATION

POINT	DESCRIPTION	STATION	OFFSET	B.C.*	T.C.**
326	BEGIN STRAIGHT CURB TIP DOWN	12+86.54	23.30' RT	-	N/A
327	END STRAIGHT CURB TIP DOWN	12+86.54	19.30' RT	-	N/A
328	PROPOSED CURB PC	12+86.54	17.00' RT	-	N/A
329	PROPOSED CURB PT BEGIN PROP. STRAIGHT CURB	12+92.54	11.00' RT	10.15'	10.73'
330	PROPOSED CURB PC BEGIN PROP. RADIAL CURB	13+13.20	11.00' RT	10.02'	10.60'
331	PROPOSED CURB PT	13+19.20	17.00' RT	-	N/A
332	BEGIN STRAIGHT CURB TIP DOWN	13+19.20	19.17' RT	-	N/A
333	END STRAIGHT CURB TIP DOWN	13+19.20	23.17' RT	-	N/A
334	BEGIN STRAIGHT CURB TIP DOWN	12+86.54	28.08' RT	-	N/A
335	END STRAIGHT TIP DOWN BEGIN PROP. STRAIGHT CURB	12+94.54	28.08' RT	-	N/A
336	BEGIN STRAIGHT TIP DOWN END PROP. STRAIGHT CURB	13+11.20	28.07' RT	-	N/A
337	END STRAIGHT TIP DOWN	13+19.20	28.07' RT	-	N/A
338	BEGIN STRAIGHT CURB TIP DOWN	13+49.04	28.07' RT	-	N/A
339	END STRAIGHT TIP DOWN BEGIN PROP. STRAIGHT CURB	13+53.04	28.07' RT	-	N/A
340	BEGIN PROP. STRAIGHT CURB	13+55.38	28.07' RT	-	N/A
341	END STRAIGHT TIP DOWN SIDEWALK PC	13+59.38	28.07' RT	-	N/A
342	BEGIN STRAIGHT CURB TIP DOWN	13+49.04	23.05' RT	-	N/A
343	END STRAIGHT CURB TIP DOWN BEGIN PROP. RADIAL CURB	13+49.04	19.05' RT	-	N/A
344	PROPOSED CURB PC	13+49.04	17.00' RT	-	N/A
345	PROPOSED CURB PT BEGIN STRAIGHT CURB TIP DOWN	13+55.20	11.00' RT	9.72'	10.30'
346	END STRAIGHT TIP DOWN BEGIN PROPOSED FLUSH CURB	13+59.20	11.00' RT	9.69'	10.27'
347	END PROPOSED FLUSH CURB BEGIN STRAIGHT TIP DOWN	13+64.20	11.00' RT	9.65'	10.23'
348	BEGIN STRAIGHT CURB TIP DOWN	13+86.81	24.06' RT	-	N/A
349	END STRAIGHT TIP DOWN BEGIN PROPOSED CURB	13+94.81	24.05' RT	-	N/A
350	END REMOVE AND RESET CURB	9+02.54	21.79' LT	12.17'	12.75'

POINT	DESCRIPTION	STATION	OFFSET	B.C.*	T.C.**
351	BEGIN REMOVE AND RESET CURB	9+14.21	21.76' LT	12.12'	12.70'
352	END REMOVE AND RESET CURB	9+25.00	21.77' LT	12.07'	12.65'
353	BEGIN REMOVE AND RESET CURB	9+44.85	21.68' LT	11.99'	12.57'
354	END REMOVE AND RESET CURB	9+54.80	21.64' LT	11.95'	12.53'
355	BEGIN STRAIGHT CURB TIP DOWN	9+77.21	32.82' LT	-	N/A
356	END STRAIGHT CURB TIP DOWN	9+77.95	28.88' LT	-	N/A
357	PROPOSED CURB PC	10+71.81	13.00' LT	11.45'	12.03'
358	PROPOSED CURB PT	10+77.81	19.00' LT	-	N/A
359	BEGIN STRAIGHT CURB TIP DOWN END PROP. STRAIGHT CURB	10+77.81	28.15' LT	-	N/A
360	END STRAIGHT CURB TIP DOWN	10+77.81	32.16' LT	-	N/A
361	BEGIN STRAIGHT CURB TIP DOWN	13+39.61	33.13' LT	-	N/A
362	END STRAIGHT CURB TIP DOWN BEGIN PROP. STRAIGHT CURB	13+41.36	29.53' LT	-	N/A
363	PROPOSED CURB PC	13+46.25	19.45' LT	-	N/A
364	PROPOSED CURB PCC BEGIN RADIAL CURB TIP DOWN	13+55.70	11.56' LT	9.74'	10.32'
365	END RADIAL CURB TIP DOWN BEGIN PROPOSED FLUSH CURB	13+59.66	11.00' LT	9.72'	10.30'
366	END PROPOSED FLUSH CURB BEGIN STRAIGHT CURB TIP DOWN	13+64.66	11.00' LT	9.69'	10.27'
367	END STRAIGHT CURB TIP DOWN	13+68.66	11.00' LT	9.67'	10.25'
368	PROPOSED CURB PT BEGIN PROP. STRAIGHT CURB	13+74.66	17.00' LT	-	N/A
369	END PROP. STRAIGHT CURB BEGIN STRAIGHT CURB TIP DOWN	13+74.66	22.93' LT	-	N/A
370	END STRAIGHT CURB TIP DOWN	13+74.66	25.39' LT	-	N/A
371	SIDEWALK CORNER	13+59.66	25.55' LT	-	N/A
372	SIDEWALK CORNER	13+64.66	25.65' LT	-	N/A
373	BEGIN RADIAL CURB TIP DOWN	13+98.50	25.56' LT	-	N/A
374	RADIAL CURB TIP DOWN PC	13+98.50	24.20' LT	-	N/A
375	END RADIAL CURB TIP DOWN BEGIN PROP. RADIAL CURB	13+98.50	21.64' LT	-	N/A

POINT	DESCRIPTION	STATION	OFFSET	B.C.*	T.C.**
376	PROPOSED CURB PC	14+04.42	18.00' LT	9.33'	9.91'
401	BEGIN SIDEWALK	8+94.87	27.95' RT	-	N/A
402	END SIDEWALK	12+58.54	28.08' RT	-	N/A
403	DRIVE PAVEMENT POINT	12+69.19	40.76' RT	-	N/A
404	DRIVE PAVEMENT POINT	13+19.20	30.95' RT	-	N/A
405	DRIVE PAVEMENT POINT	13+49.04	30.95' RT	-	N/A
406	SIDEWALK PT	13+69.50	26.90' RT	-	N/A
407	SIDEWALK PC	13+77.08	25.22' RT	-	N/A
408	SIDEWALK PT	13+87.85	24.05' RT	-	N/A
F01	END REMOVE AND RESET CURB BEGIN SOIL FILTER CURB	9+78.42	18.04' RT	11.85'	12.43'
F02	SOIL FILTER CURB ANGLE BREAK	9+85.46	11.00' RT	11.94'	12.52'
F03	END SOIL FILTER CURB BEGIN PROPOSED CURB	9+95.05	11.00' RT	11.89'	12.47'
F04	END PROP. STRAIGHT CURB BEGIN SOIL FILTER CURB	9+79.22	22.17' LT	-	N/A
F05	SOIL FILTER CURB PC	9+80.02	17.89' LT	-	N/A
F06	SOIL FILTER CURB PT	9+85.92	13.00' LT	11.93'	12.51'
F07	END SOIL FILTER CURB BEGIN PROP. STRAIGHT CURB	9+92.10	13.00' LT	11.89'	12.47'
F08	END STRAIGHT CURB TIP DOWN BEGIN SOIL FILTER CURB	11+31.75	18.95' RT	-	N/A
F09	SOIL FILTER CURB PC	11+31.75	17.00' RT	-	N/A
F10	SOIL FILTER CURB PT	11+37.75	11.00' RT	11.06'	11.64'
F11	SOIL FILTER CURB PC	11+45.69	11.00' RT	11.01'	11.59'
F12	SOIL FILTER CURB PCC	11+66.83	11.00' RT	10.89'	11.47'
F13	SOIL FILTER CURB PT	11+73.39	17.10' RT	-	7"
F14	END SOIL FILTER CURB BEGIN STRAIGHT CURB TIP DOWN	11+73.39	18.13' RT	-	7"
F15	END STRAIGHT CURB TIP DOWN BEGIN SOIL FILTER CURB	13+68.20	11.00' RT	9.62'	10.20'
F16	END SOIL FILTER CURB BEGIN PROP. STRAIGHT CURB	13+82.63	11.00' RT	9.52'	10.10'

REFERENCES:

DESIGNED BY:	KEY
DRAWN BY:	PMJ
CHECKED BY:	FSK
SCALE:	AS NOTED
DATE:	SEPTEMBER 21, 2015

STATE OF MAINE
THOMAS A. ERRICO
No. 6618
LICENSED PROFESSIONAL ENGINEER

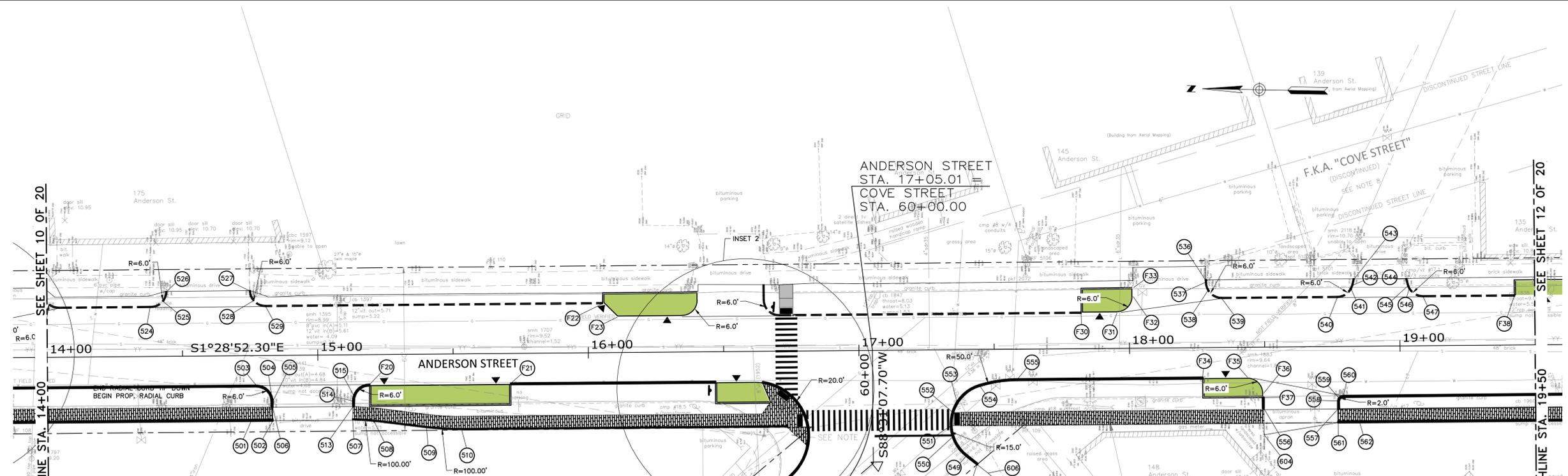
ANDERSON STREET
NEIGHBORHOOD BYWAY PROJECT
PHASE 2 OF 2 - CONTRACT 2 OF 3
CDBG IMPROVEMENTS
GEOMETRY PLAN - 2

CITY OF PORTLAND, MAINE
PUBLIC SERVICES DEPARTMENT
ENGINEERING DIVISION

SHEET #
10 OF 20
PLAN NUMBER

TYLINT INTERNATIONAL

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POINT	DESCRIPTION	STATION	OFFSET	B.C.*	T.C.**
501	END PROP. STRAIGHT CURB BEGIN STRAIGHT CURB TIP DOWN	14+75.15	24.05' RT	-	N/A
502	END STRAIGHT CURB TIP DOWN	14+83.15	24.04' RT	-	N/A
503	PROPOSED CURB PC	14+77.15	11.00' RT	8.83'	9.41'
504	END PROP. RADIAL CURB BEGIN RADIAL CURB TIP DOWN	14+82.84	15.08' RT	-	N/A
505	RADIAL CURB TIP DOWN PC	14+83.15	17.00' RT	-	N/A
506	END RADIAL CURB TIP DOWN	14+83.15	19.04' RT	-	N/A
507	BEGIN RADIAL CURB TIP DOWN	15+12.69	24.10' RT	-	N/A
508	END RADIAL CURB TIP DOWN PROPOSED CURB PT	15+20.66	24.67' RT	-	N/A
509	PROPOSED CURB PC	15+39.94	27.19' RT	-	N/A
510	PROPOSED CURB PT	15+52.96	28.04' RT	-	N/A
512	END PROP. STRAIGHT CURB	16+73.29	28.04' RT	-	N/A
513	BEGIN STRAIGHT CURB TIP DOWN	15+12.85	19.05' RT	-	N/A
514	RADIAL CURB TIP DOWN PC	15+12.85	17.00' RT	-	N/A
515	END RADIAL CURB TIP DOWN BEGIN PROP. RADIAL CURB	15+13.16	15.08' RT	-	N/A
516	END RADIAL CURB TIP DOWN BEGIN FLUSH RADIAL CURB	16+70.94	13.44' RT	-	N/A
520	END FLUSH RADIAL CURB BEGIN RADIAL CURB TIP DOWN	16+81.14	27.98' RT	-	N/A
521	END RADIAL CURB TIP DOWN BEGIN PROP. RADIAL CURB	16+80.97	34.94' RT	-	N/A
522	PROPOSED CURB PC	16+74.47	46.10' RT	-	N/A
523	END PROPOSED CURB	16+65.65	53.76' RT	-	N/A
524	PROPOSED CURB PC	14+38.10	18.00' LT	9.06'	9.64'
525	BEGIN RADIAL CURB TIP DOWN	14+43.09	20.23' LT	-	N/A
526	END RADIAL CURB TIP DOWN	14+44.41	23.93' LT	-	N/A
527	BEGIN RADIAL CURB TIP DOWN	14+74.89	23.93' LT	-	N/A
528	END RADIAL CURB TIP DOWN BEGIN PROP. RADIAL CURB	14+76.21	20.24' LT	-	N/A
529	PROPOSED CURB PC	14+80.89	18.00' LT	8.71'	9.29'
530	BEGIN STRAIGHT CURB TIP DOWN	16+64.74	24.50' LT	-	N/A
531	END STRAIGHT CURB TIP DOWN PROPOSED CURB PC	16+64.74	19.00' LT	-	N/A
532	PROPOSED CURB PCC	16+66.97	14.33' LT	-	N/A
533	END RADIAL CURB TIP DOWN BEGIN FLUSH STRAIGHT CURB	16+70.74	13.00' LT	8.59'	9.17'
534	END FLUSH STRAIGHT CURB BEGIN STRAIGHT CURB TIP DOWN	16+75.74	13.00' LT	8.61'	9.19'
535	END STRAIGHT CURB TIP DOWN BEGIN PROP. STRAIGHT CURB	16+79.74	13.00' LT	8.62'	9.20'
536	BEGIN RADIAL CURB TIP DOWN	18+28.29	24.83' LT	-	N/A
537	RADIAL CURB TIP DOWN PC	18+28.29	24.00' LT	-	N/A
538	END RADIAL CURB TIP DOWN BEGIN PROP. RADIAL CURB	18+29.11	20.97' LT	-	N/A
539	PROPOSED CURB PT	18+34.29	18.00' LT	9.24'	9.82'
540	PROPOSED CURB PC	18+76.94	18.00' LT	9.32'	9.90'

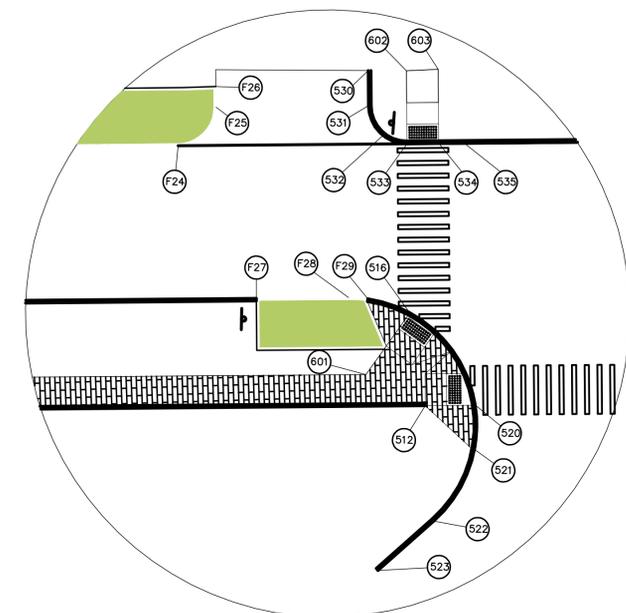
* BOTTOM OF CURB (GUTTERLINE ELEVATION)
** TOP OF CURB ELEVATION

POINT	DESCRIPTION	STATION	OFFSET	B.C.*	T.C.**
541	END PROP. RADIAL CURB BEGIN RADIAL CURB TIP DOWN	18+82.17	21.05' LT	-	N/A
542	RADIAL CURB TIP DOWN PT	18+82.76	22.51' LT	-	N/A
543	END RADIAL CURB TIP DOWN	18+83.33	24.86' LT	-	N/A
544	BEGIN RADIAL CURB TIP DOWN	19+02.27	24.70' LT	-	N/A
545	RADIAL CURB TIP DOWN PC	19+03.02	22.04' LT	-	N/A
546	END RADIAL CURB TIP DOWN BEGIN PROP. RADIAL CURB	19+03.55	20.91' LT	-	N/A
547	PROPOSED CURB PT	19+08.69	18.00' LT	9.37'	9.95'
548	BEGIN STRAIGHT CURB TIP DOWN	17+43.33	42.35' RT	-	N/A
549	END STRAIGHT CURB TIP DOWN PROPOSED CURB PC	17+39.34	39.20' RT	-	N/A
550	PROPOSED CURB PT	17+34.40	32.12' RT	-	N/A
551	END RADIAL CURB TIP DOWN BEGIN FLUSH RADIAL CURB	17+33.66	28.08' RT	-	N/A
552	END RADIAL CURB TIP DOWN BEGIN RADIAL CURB TIP DOWN	17+34.33	22.93' RT	-	N/A
553	END RADIAL CURB TIP DOWN PROPOSED CURB PC	17+36.09	19.21' RT	-	N/A
554	PROPOSED CURB PCC	17+44.40	13.04' RT	-	N/A
555	PROPOSED CURB PT	17+58.54	11.00' RT	8.95'	9.53'
556	END STRAIGHT CURB TIP DOWN	18+49.51	23.02' RT	-	N/A
557	BEGIN RADIAL CURB TIP DOWN	18+76.91	23.01' RT	-	N/A
558	RADIAL CURB TIP DOWN PC	18+76.91	20.00' RT	-	N/A
559	END RADIAL CURB TIP DOWN BEGIN PROP. RADIAL CURB	18+77.23	19.08' RT	-	N/A
560	PROPOSED CURB PT	18+79.03	18.20' RT	9.34'	9.92'
561	BEGIN STRAIGHT CURB TIP DOWN	18+76.91	28.02' RT	-	N/A
562	END STRAIGHT CURB TIP DOWN BEGIN PROP. STRAIGHT CURB	18+84.91	28.02' RT	-	N/A
601	SIDEWALK ANGLE POINT	16+63.99	23.09' RT	-	N/A
602	SIDEWALK CORNER	16+70.74	24.43' RT	-	N/A
603	SIDEWALK CORNER	16+75.74	24.63' RT	-	N/A
604	PROPOSED DRIVE CORNER	18+49.51	32.28' RT	-	N/A
605	PROPOSED DRIVE PC	17+58.36	57.76' RT	-	N/A
606	PROPOSED DRIVE PT	17+47.36	45.53' RT	-	N/A
F20	PROPOSED CURB PT BEGIN SOIL FILTER CURB	15+19.01	11.00' RT	8.52'	9.10'
F21	END SOIL FILTER CURB BEGIN PROP. STRAIGHT CURB	15+71.27	11.00' RT	8.19'	8.77'
F22	END PROP. STRAIGHT CURB BEGIN SOIL FILTER CURB	16+05.74	18.00' LT	8.23'	8.81'
F23	SOIL FILTER CURB ANGLE BREAK	16+10.74	13.00' LT	8.34'	8.92'
F24	SOIL FILTER CURB PC	16+34.74	13.00' LT	8.44'	9.02'
F25	SOIL FILTER CURB PT	16+40.74	19.00' RT	-	N/A
F26	END SOIL FILTER CURB	16+40.74	22.23' LT	-	N/A
F27	END PROP. STRAIGHT CURB BEGIN SOIL FILTER CURB	16+46.85	11.00' RT	8.49'	9.07'

PLAN
SCALE: 1"=20'

NOTE: LEFT SIDE PROPOSED CURB CALLED OUT IN POINT DATA TABLES IS REMOVED CURB THAT WILL BE RESET IN A NEW LOCATION.

POINT	DESCRIPTION	STATION	OFFSET	B.C.*	T.C.**
F28	SOIL FILTER CURB PC	16+61.37	11.00' RT	8.55'	9.13'
F29	END SOIL FILTER CURB BEGIN RADIAL CURB TIP DOWN	16+64.39	11.23' RT	8.56'	9.14'
F30	END PROP. STRAIGHT CURB BEGIN SOIL FILTER CURB	17+82.27	13.00' LT	9.06'	9.64'
F31	SOIL FILTER CURB PC	17+95.49	13.00' LT	9.11'	9.69'
F32	SOIL FILTER CURB PT	18+01.49	19.00' LT	-	N/A
F33	END SOIL FILTER CURB	18+01.49	22.31' LT	-	N/A
F34	END PROP. STRAIGHT CURB BEGIN SOIL FILTER CURB	18+26.93	11.00' RT	9.23'	9.81'
F35	SOIL FILTER CURB PC	18+43.51	11.00' RT	9.30'	9.88'
F36	SOIL FILTER CURB PT	18+49.51	17.00' RT	-	N/A
F37	END SOIL FILTER CURB BEGIN STRAIGHT CURB TIP DOWN	18+49.51	18.59' RT	-	N/A
F38	END PROP. STRAIGHT CURB BEGIN SOIL FILTER CURB	19+42.37	18.00' LT	9.44'	10.02'



INSET 2
SCALE: 1"=30'

REFERENCES:

DESIGNED BY:	KEY
DRAWN BY:	PM
CHECKED BY:	FS
SCALE:	AS NOTED
DATE:	SEPTEMBER 21, 2015



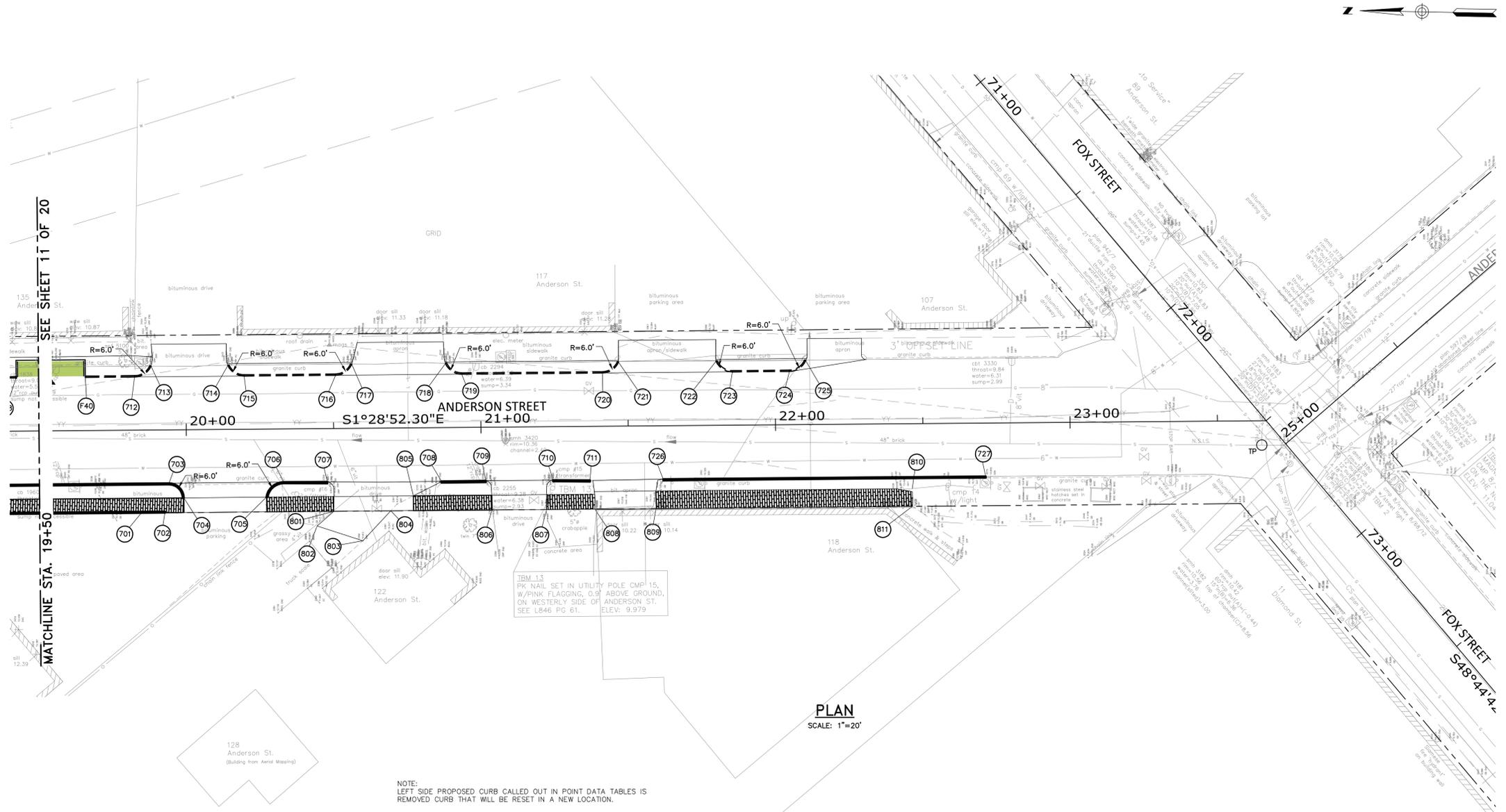
ANDERSON STREET
NEIGHBORHOOD BYWAY PROJECT
PHASE 2 OF 2 - CONTRACT 2 OF 3
CDBG IMPROVEMENTS
GEOMETRY PLAN - 3

CITY OF PORTLAND, MAINE
PUBLIC SERVICES DEPARTMENT
ENGINEERING DIVISION



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PLAN NUMBER

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PLAN
SCALE: 1"=20'

POINT	DESCRIPTION	STATION	OFFSET	B.C.*	T.C.**
701	END PROP. STRAIGHT CURB BEGIN STRAIGHT CURB TIP DOWN	19+84.49	28.00' RT	-	N/A
702	END STRAIGHT CURB TIP DOWN	19+92.49	28.00' RT	-	N/A
703	PROPOSED CURB PC BEGIN RADIAL CURB TIP DOWN	19+93.98	18.04' RT	9.63'	10.21'
704	END RADIAL CURB TIP DOWN	19+98.98	23.01' RT	-	N/A
705	BEGIN RADIAL CURB TIP DOWN	20+27.00	23.00' RT	-	N/A
706	END RADIAL CURB TIP DOWN PROPOSED CURB PC	20+32.91	17.97' RT	9.73'	10.31'
707	END PROP. STRAIGHT CURB MATCH EXISTING CURB RETURN	20+47.70	18.00' RT	9.76'	10.34'
708	BEGIN PROP. STRAIGHT CURB MATCH EXISTING CURB RETURN	20+86.47	18.16' RT	9.86'	10.44'
709	END PROP. STRAIGHT CURB MATCH EXISTING CURB RETURN	21+01.46	18.09' RT	9.88'	10.46'
710	BEGIN PROP. STRAIGHT CURB MATCH EXISTING CURB RETURN	21+24.40	18.07' RT	9.85'	10.43'
711	END PROP. STRAIGHT CURB MATCH EXISTING CURB RETURN	21+36.85	18.26' RT	9.84'	10.42'
712	PROPOSED CURB PC BEGIN RADIAL CURB TIP DOWN	19+82.58	18.00' LT	9.51'	10.09'
713	END RADIAL CURB TIP DOWN	19+88.19	21.62' LT	-	N/A
714	BEGIN RADIAL CURB TIP DOWN	20+14.29	21.63' LT	-	N/A
715	END RADIAL CURB TIP DOWN PROPOSED CURB PC	20+19.80	18.00' LT	9.58'	10.16'
716	PROPOSED CURB PC BEGIN RADIAL CURB TIP DOWN	20+50.82	18.00' LT	9.63'	10.21'
717	END RADIAL CURB TIP DOWN	20+56.33	21.64' LT	-	N/A
718	BEGIN RADIAL CURB TIP DOWN	20+88.16	21.50' LT	-	N/A
719	END RADIAL CURB TIP DOWN PROPOSED CURB PC	20+93.64	18.00' LT	9.71'	10.29'
720	END PROP. STRAIGHT CURB BEGIN RADIAL CURB TIP DOWN	21+41.38	18.00' LT	9.80'	10.38'
721	END RADIAL CURB TIP DOWN	21+46.90	21.65' LT	-	N/A

* BOTTOM OF CURB (GUTTERLINE ELEVATION)
** TOP OF CURB ELEVATION

POINT	DESCRIPTION	STATION	OFFSET	B.C.*	T.C.**
722	BEGIN RADIAL CURB TIP DOWN	21+80.00	21.65' LT	-	N/A
723	END RADIAL CURB TIP DOWN PROPOSED CURB PC	21+85.52	18.00' LT	9.88'	10.46'
724	PROPOSED CURB PC BEGIN RADIAL CURB TIP DOWN	22+04.89	18.00' LT	9.92'	10.50'
725	END RADIAL CURB TIP DOWN	22+10.41	21.64' LT	-	N/A
726	BEGIN PROP. STRAIGHT CURB MATCH EXISTING CURB RETURN	21+61.74	18.07' RT	9.80'	10.38'
727	END PROP. STRAIGHT CURB MATCH EXISTING CURB	22+71.22	18.07' RT	-	N/A
801	END SIDEWALK	20+49.84	28.00' RT	-	N/A
802	PROPOSED DRIVE CORNER	20+44.14	32.91' RT	-	N/A
803	PROPOSED DRIVE CORNER	20+59.60	38.02' RT	-	N/A
804	PROPOSED DRIVE CORNER	20+69.18	28.00' RT	-	N/A
805	BEGIN SIDEWALK	20+76.90	23.00' RT	-	N/A
806	END SIDEWALK	21+03.55	28.00' RT	-	N/A
807	BEGIN SIDEWALK	21+22.08	27.98' RT	-	N/A
808	END SIDEWALK	21+38.43	27.98' RT	-	N/A
809	BEGIN SIDEWALK	21+59.24	27.98' RT	-	N/A
810	SIDEWALK CORNER	22+46.24	22.04' RT	-	N/A
811	SIDEWALK CORNER	22+46.25	27.96' RT	-	N/A
810	END SOIL FILTER CURB BEGIN PROP. STRAIGHT CURB	19+65.89	18.00' LT	-	N/A

REFERENCES:

DESIGNED BY:	KEY:
DRAWN BY:	PLAN:
CHECKED BY:	FILE:
SCALE:	AS NOTED
DATE:	SEPTEMBER 21, 2015



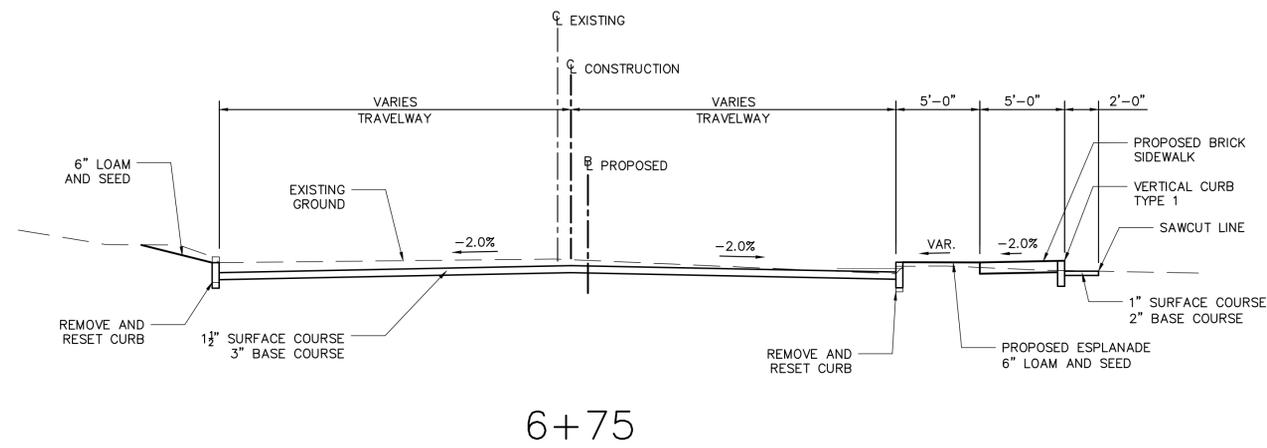
ANDERSON STREET
NEIGHBORHOOD BYWAY PROJECT
PHASE 2 OF 2 - CONTRACT 2 OF 3
CDBG IMPROVEMENTS
GEOMETRY PLAN - 4

CITY OF PORTLAND, MAINE
PUBLIC SERVICES DEPARTMENT
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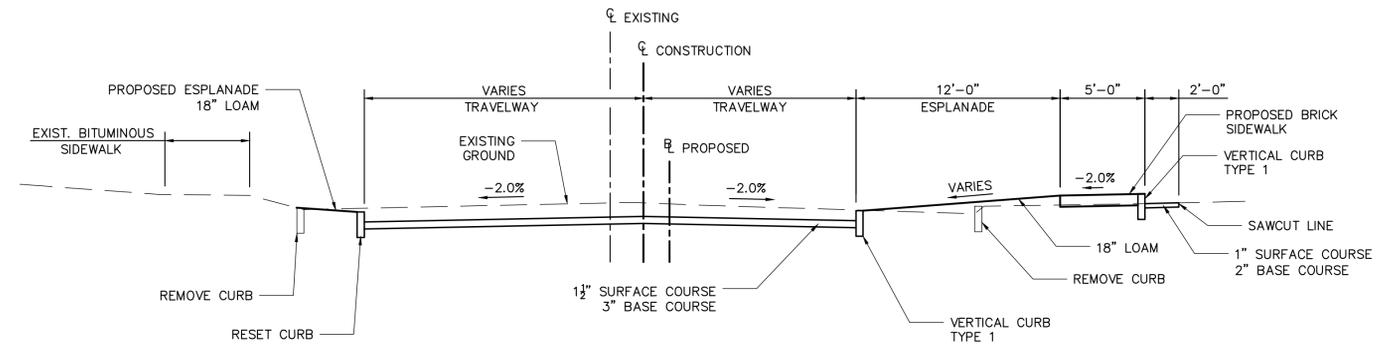


SHEET #
12 OF 20
PLAN NUMBER

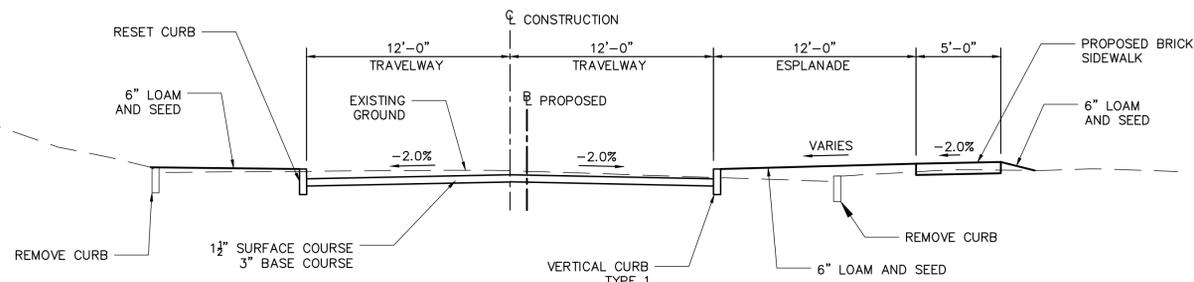
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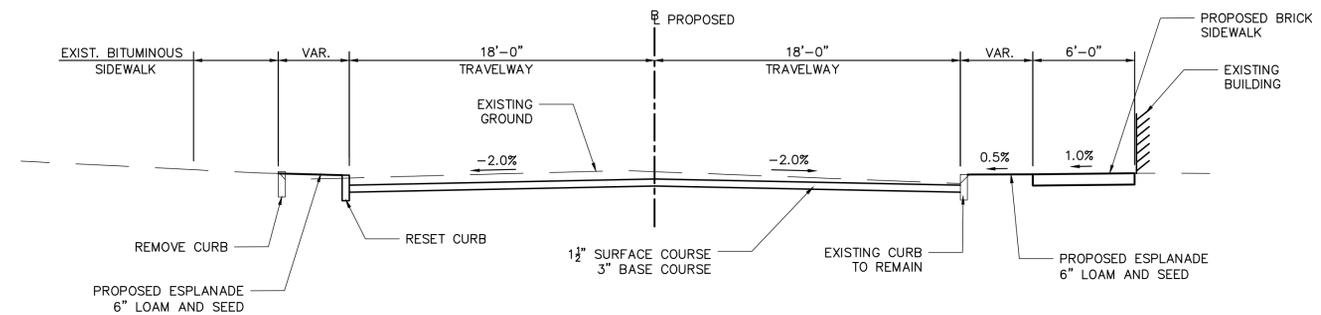
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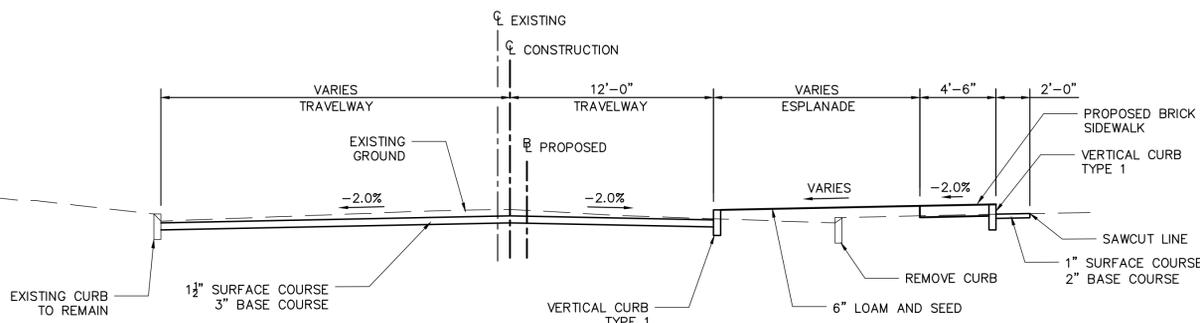
16+00



10+50



22+00

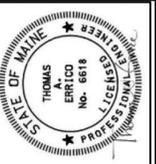


13+00

NOTE:
ROADWAY PAVING IS NOT PART OF WORK IN THIS CONTRACT
(SEE CONTRACT 1 OF 3).

REFERENCES:

DESIGNED BY:	KEY:
DRAWN BY:	FEEL:
CHECKED BY:	FIN:
SCALE:	AS NOTED:
DATE:	SEPTEMBER 21, 2015



ANDERSON STREET
NEIGHBORHOOD BYWAY PROJECT
PHASE 2 OF 2 - CONTRACT 2 OF 3
CDBG IMPROVEMENTS
REPRESENTATIVE SECTIONS

CITY OF PORTLAND, MAINE
PUBLIC SERVICES DEPARTMENT
ENGINEERING DIVISION



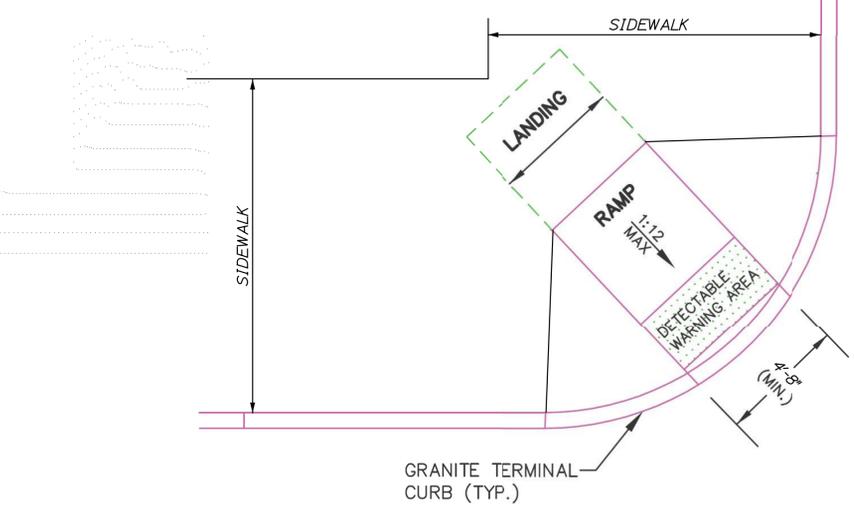
SHEET #
13 OF 20

PLAN NUMBER

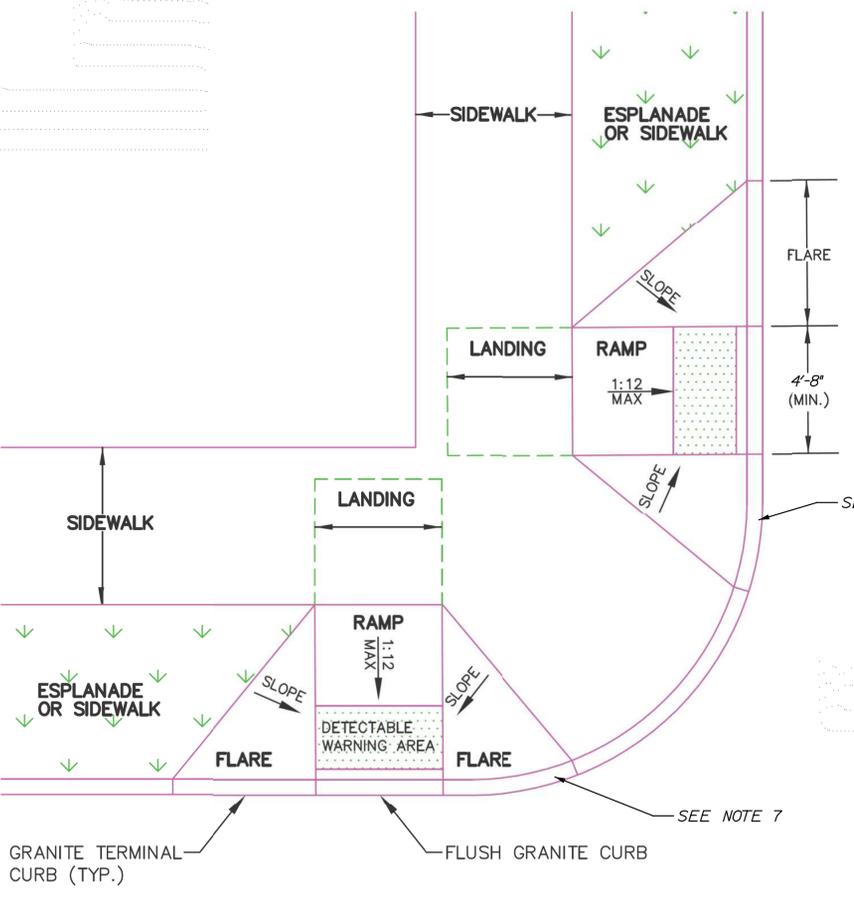
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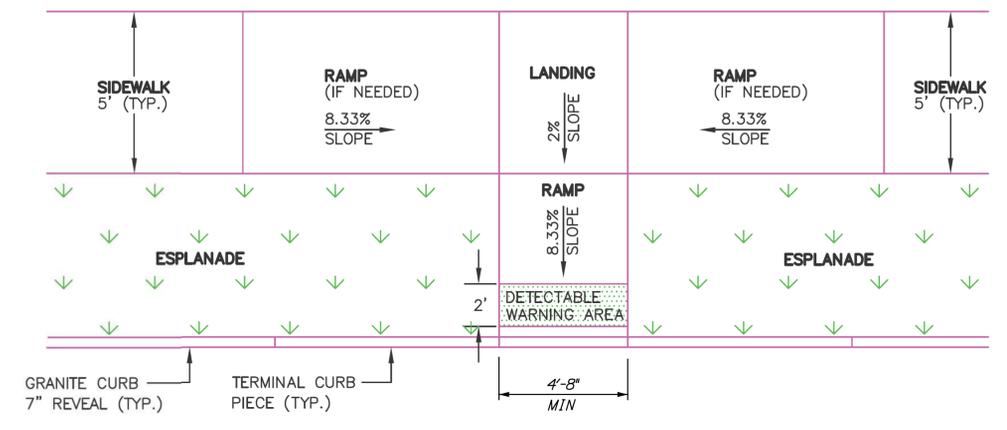
DESIGN ELEMENT	SLOPE IN DIRECTION OF TRAVEL	CROSS SLOPE
APPROACH	8.33% MAXIMUM	2%
LANDING	2%	2%
RAMP	8.33% MAXIMUM	MATCH STREET GRADE
FLARE	10% MAX. AT CURB FACE	-
SIDEWALK	MATCH STREET GRADE	2%



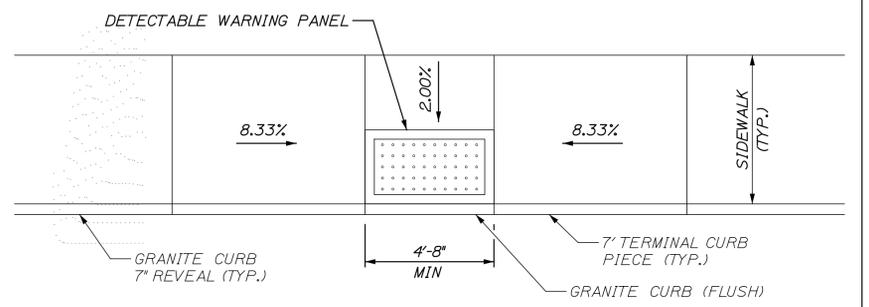
DIAGONAL SIDEWALK RAMP LAYOUT AT INTERSECTION



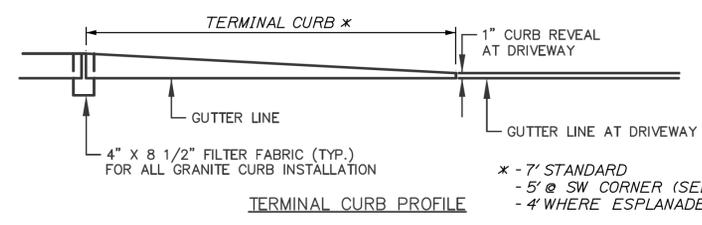
PREFERRED SIDEWALK RAMP AT INTERSECTION
NOT TO SCALE



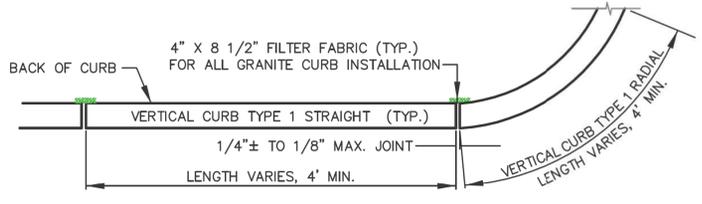
PERPENDICULAR ADA RAMP LAYOUT FOR NARROW SIDEWALK WITH ESPLANADE
NOT TO SCALE



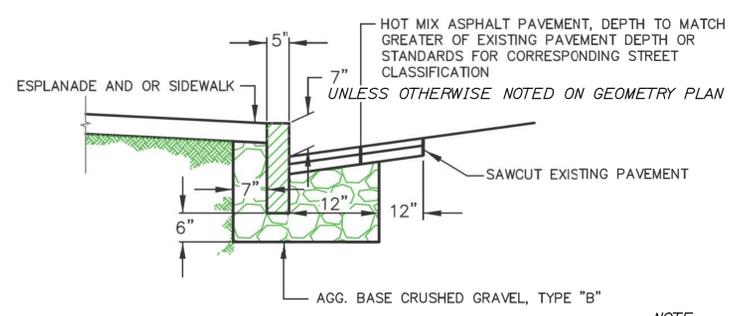
PERPENDICULAR ADA RAMP LAYOUT
NOT TO SCALE



TERMINAL CURB PROFILE



VERTICAL GRANITE CURB PLAN VIEW



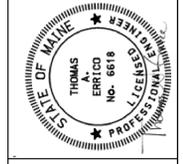
VERTICAL GRANITE CURB INSTALLATION IN EXISTING STREETS
NOT TO SCALE

NOTE: THIS DETAIL ALSO APPLIES TO NEW CURB PLACED AS SEPARATION ALONG BACKSIDE OF NEW BRICK SIDEWALKS. SURFACE COURSE SHALL BE 2" BASE COURSE, HMA GRADED "B" AND 1" SURFACE COURSE, HMA GRADED "D".

- NOTES:**
- ALL RAMPS SHALL COMPLY WITH ADA STANDARDS.
 - LANDING AREA MAY BE REQUIRED BASED ON SIDEWALK DIMENSIONS.
 - GRANITE CURB ADJACENT TO LANDING SHALL BE FLUSH WITH THE STREET.
 - SIDEWALK MATERIAL PER CITY SIDEWALK MATERIAL POLICY.
 - FLARED SECTIONS SHOULD MATCH THE SURFACE MATERIAL USED FOR THE SIDEWALK CONSTRUCTION.
 - FLARE MINIMUM (TYP.):
4'-0" - SIDEWALK WITH ESPLANADE
7'-0" - SIDEWALK ONLY
 - CURB REVEAL SHALL BE 5" IN IDENTIFIED LOCATIONS; SEE GEOMETRY PLANS.

REFERENCES:

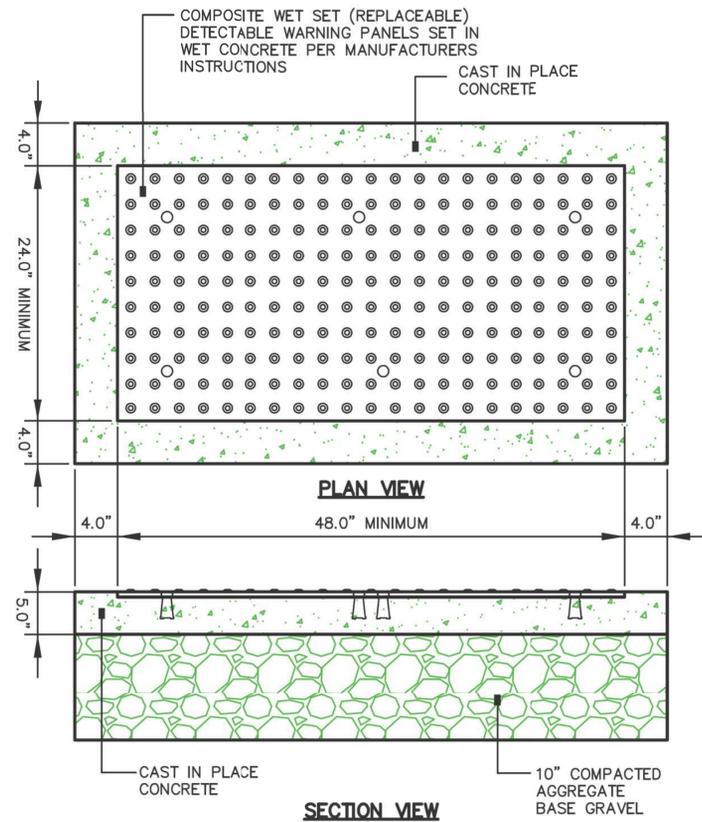
DESIGNED BY:	TSK
DRAWN BY:	PRIMA/CLOURE
CHECKED BY:	KEK
SCALE:	AS NOTED
DATE:	SEPTEMBER 21, 2015



ANDERSON STREET
NEIGHBORHOOD BYWAY PROJECT
PHASE 2 OF 2 - CONTRACT 2 OF 3
CDBG IMPROVEMENTS
GENERAL DETAILS 1

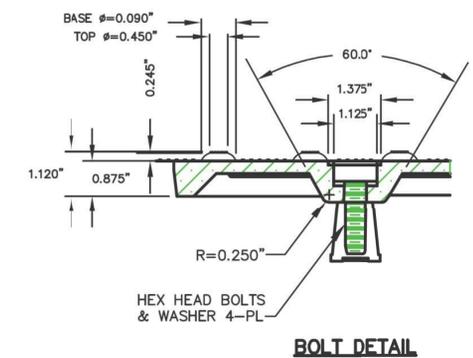
CITY OF PORTLAND, MAINE
PUBLIC SERVICES DEPARTMENT
ENGINEERING DIVISION





- NOTES:**
1. COMPOSITE WET SET (REPLACEABLE) DETECTABLE WARNING PANELS SHALL BE AS MANUFACTURED BY ADA SOLUTIONS, INC. (WWW.ADATILE.COM), OR APPROVED EQUAL.
 2. CAST IN PLACE CONCRETE SHALL MEET SPECIFICATIONS FOR MAINE D.O.T. CLASS A STRUCTURAL CONCRETE, MINIMUM COMPRESSIVE STRENGTH 4,000 PSI. THE CONCRETE SHALL BE SEALED PRIOR TO SETTING PANELS. THE EXPOSED CONCRETE BORDER SHALL RECEIVE A GROOVED EDGE BETWEEN THE PANEL AND CONCRETE, ALONG WITH A UNIFORM BROOM FINISH PERPENDICULAR TO THE FLOW OF PEDESTRIAN TRAFFIC.
 3. TRUNCATED DOMES SHALL BE ALIGNED IN ROWS, PARALLEL AND PERPENDICULAR TO THE PREDOMINANT DIRECTION OF TRAVEL. TRUNCATED DOME BRICKS AND GRANITE PAVERS ARE NOT ALLOWED.
 4. FOR ALL DETECTABLE WARNING PANELS (EXCEPT AS SPECIFIED IN FIGURE 1-7A AND TECHNICAL MANUAL SECTION 1.3.4.), FEDERAL YELLOW COLORED (#33538) PANELS SHALL BE USED. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION.
 5. SIZE: THE DETECTABLE WARNING PANEL(S) SHALL EXTEND 24 INCHES MINIMUM IN THE DIRECTION OF TRAVEL AND THE FULL WIDTH OF THE CURB RAMP, LANDING, OR BLENDED TRANSITION TO THE STREET.
 6. ORIENTATION: THE DETECTABLE WARNING PANEL SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE IS 6 INCHES MINIMUM AND 8 INCHES MAXIMUM FROM THE CURB LINE. THE PANEL SHALL BE ORIENTED TO THE DIRECTION OF TRAVEL AS IDENTIFIED BY THE POINT OF EGRESS.

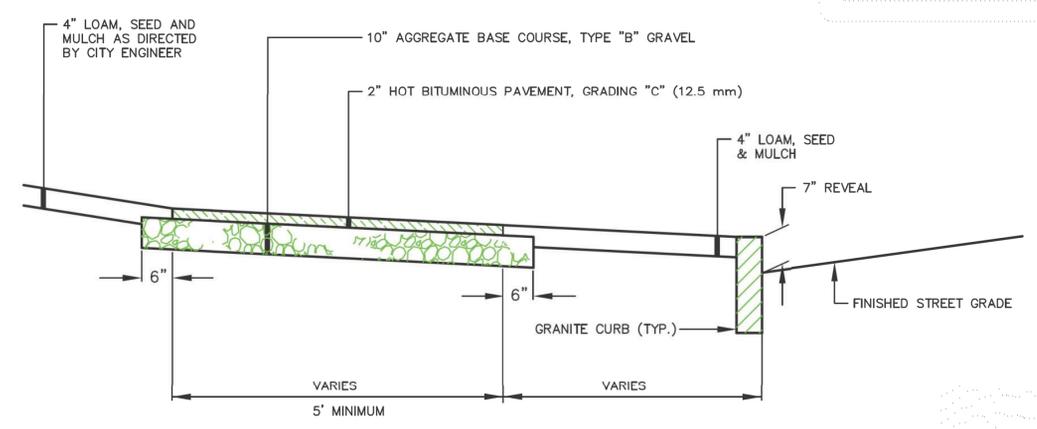
SIDEWALK RAMP DETECTABLE WARNING PANEL
NOT TO SCALE



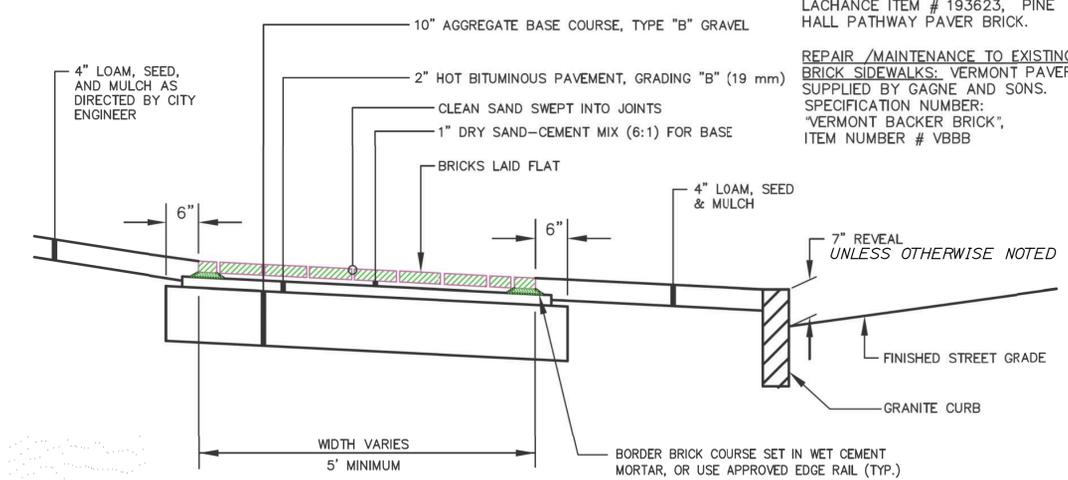
BRICKS TO BE USED:

NEW CONSTRUCTION:
4"x8" PINE HALL PATHWAY PAVER BRICK; MFG. BY PINE HALL BRICK CO., MADISON, NORTH CAROLINA. LACHANCE ITEM # 193623, PINE HALL PATHWAY PAVER BRICK.

REPAIR /MAINTENANCE TO EXISTING BRICK SIDEWALKS: VERMONT PAVER; SUPPLIED BY GAGNE AND SONS. SPECIFICATION NUMBER: "VERMONT BACKER BRICK", ITEM NUMBER # VBBB

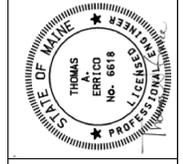


BITUMINOUS SIDEWALK
NOT TO SCALE



BRICK SIDEWALK WITH BITUMINOUS BASE
NOT TO SCALE

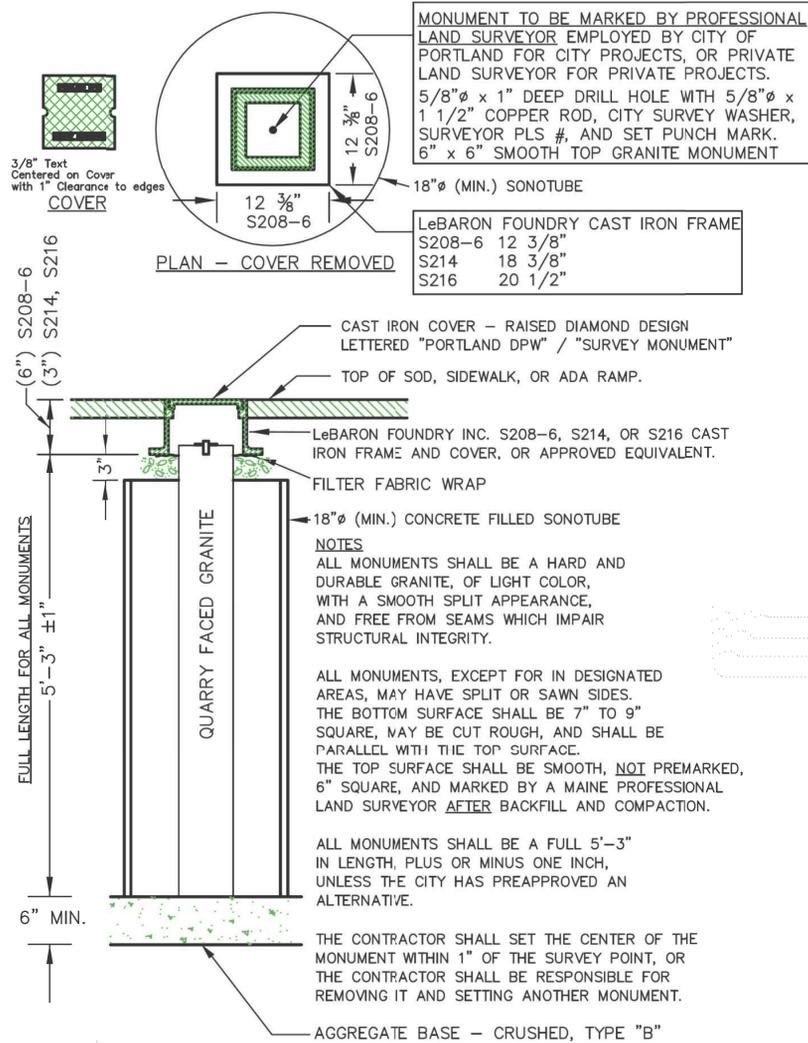
DESIGNED BY: TSK
DRAWN BY: PBR/M/C/LURE
CHECKED BY: KEK
SCALE: AS NOTED
DATE: SEPTEMBER 21, 2015



ANDERSON STREET
NEIGHBORHOOD BYWAY PROJECT
PHASE 2 OF 2 - CONTRACT 2 OF 3
CDBG IMPROVEMENTS
GENERAL DETAILS 2

CITY OF PORTLAND, MAINE
PUBLIC SERVICES DEPARTMENT
ENGINEERING DIVISION





GRANITE STREET MONUMENT
 NOT TO SCALE

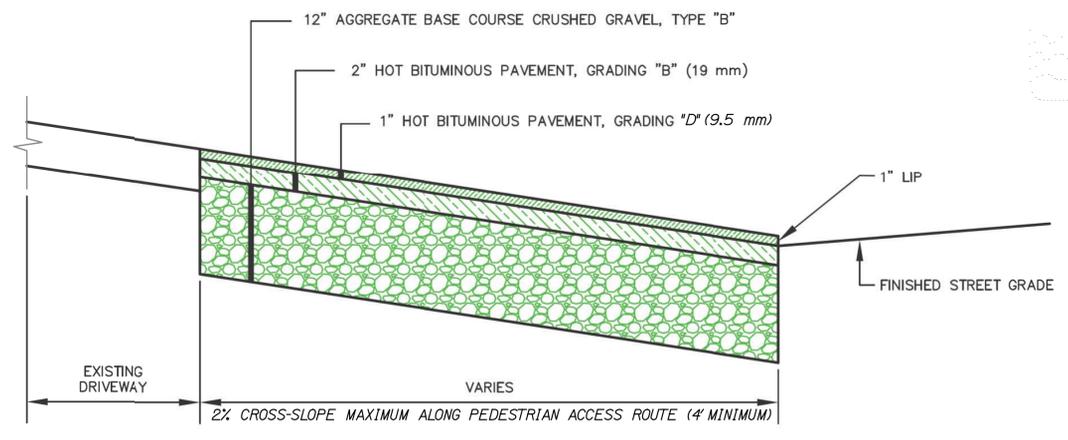
NOTE:
 DETAIL PROVIDED FOR INFORMATION ONLY FOR WORK CONDUCTED IN VICINITY OF EXISTING MONUMENTS.

NOTES
 ALL MONUMENTS SHALL BE A HARD AND DURABLE GRANITE, OF LIGHT COLOR, WITH A SMOOTH SPLIT APPEARANCE, AND FREE FROM SEAMS WHICH IMPAIR STRUCTURAL INTEGRITY.

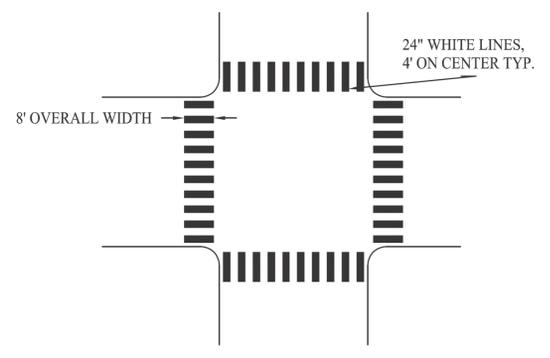
ALL MONUMENTS, EXCEPT FOR IN DESIGNATED AREAS, MAY HAVE SPLIT OR SAWN SIDES. THE BOTTOM SURFACE SHALL BE 7" TO 9" SQUARE, MAY BE CUT ROUGH, AND SHALL BE PARALLEL WITH THE TOP SURFACE. THE TOP SURFACE SHALL BE SMOOTH, NOT PREMARKED, 6" SQUARE, AND MARKED BY A MAINE PROFESSIONAL LAND SURVEYOR AFTER BACKFILL AND COMPACTION.

ALL MONUMENTS SHALL BE A FULL 5'-3" IN LENGTH, PLUS OR MINUS ONE INCH, UNLESS THE CITY HAS PREAPPROVED AN ALTERNATIVE.

THE CONTRACTOR SHALL SET THE CENTER OF THE MONUMENT WITHIN 1" OF THE SURVEY POINT, OR THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING IT AND SETTING ANOTHER MONUMENT.



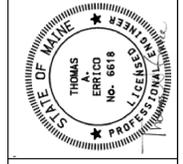
BITUMINOUS DRIVEWAY APRON
 NOT TO SCALE



CROSSWALK WITH LONGITUDINAL LINES (BLOCKS)
 NOT TO SCALE

REFERENCES:

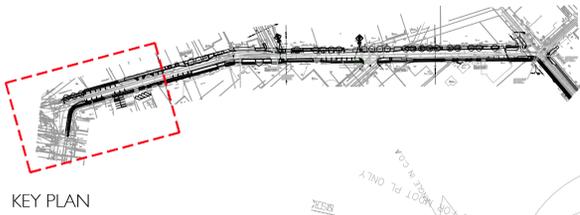
DESIGNED BY:	TSK
DRAWN BY:	PRINACLURE
CHECKED BY:	KEK
SCALE:	AS NOTED
DATE:	SEPTEMBER 21, 2015



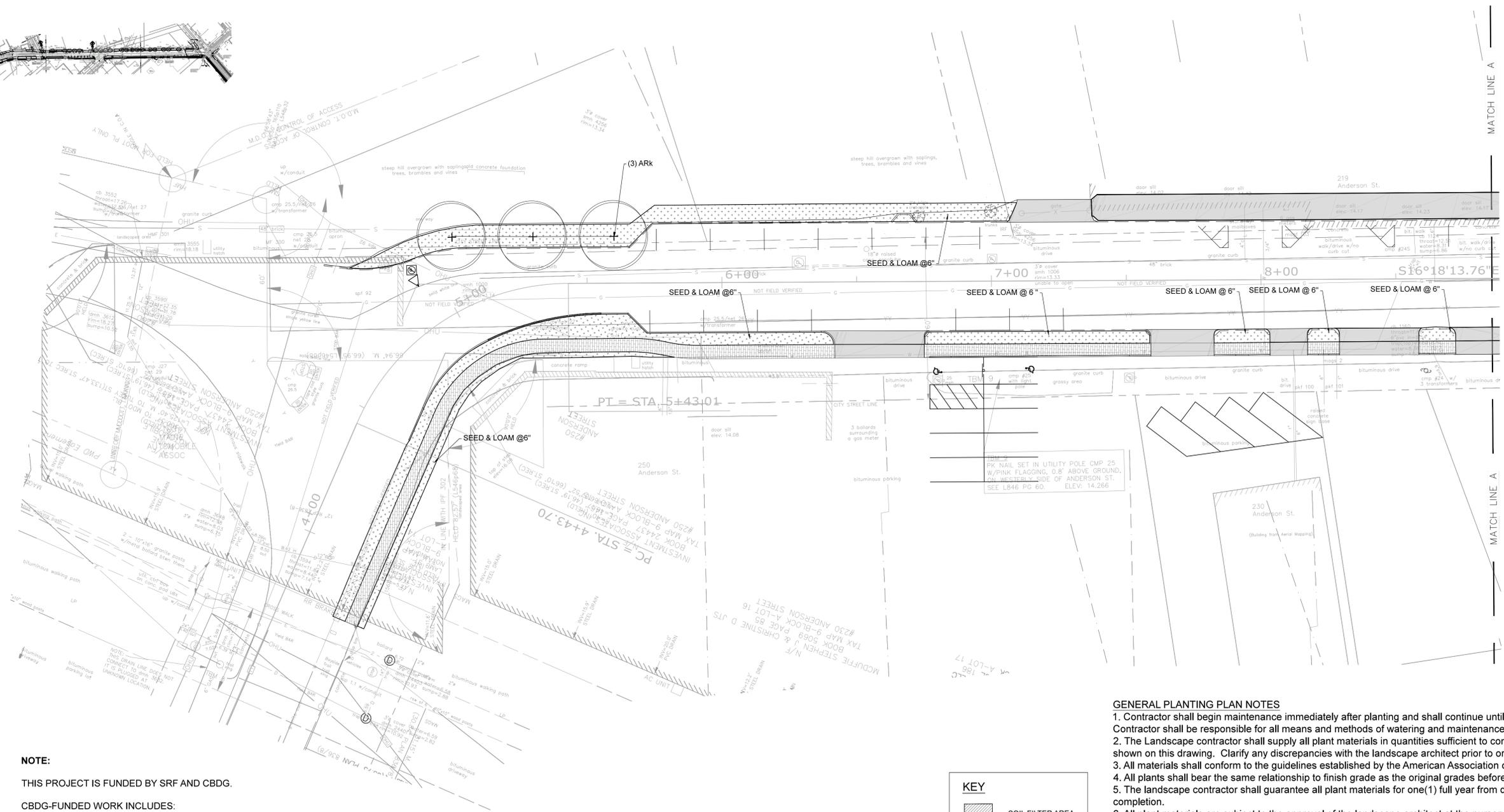
ANDERSON STREET
 NEIGHBORHOOD BYWAY PROJECT
 PHASE 2 OF 2 - CONTRACT 2 OF 3
 CDBG IMPROVEMENTS
 GENERAL DETAILS 3

CITY OF PORTLAND, MAINE
 PUBLIC SERVICES DEPARTMENT
 ENGINEERING DIVISION





KEY PLAN



NOTE:
 THIS PROJECT IS FUNDED BY SRF AND CBDG.
 CBDG-FUNDED WORK INCLUDES:
 - ALL AREAS IDENTIFIED AS 'SEED & LOAM @ 6"
 - HERBACEOUS PERENNIALS NOT IN SOIL FILTERS
 - (12) OF 25 TOTAL TREES
 THE REMAINDER OF THE WORK IS FUNDED BY SRF.

HERBACEOUS PERENNIAL TOTALS:
 (882) IN SOIL FILTER AREAS
 (2402) IN ALL OTHER AREAS

SCHEDULE OF TOPSOIL

LOCATION	DEPTH	DESCRIPTION
SEEDING AREAS	6"	LOAM (SEE SPECIFICATIONS) - CONTRACTOR TO FURNISH LANDSCAPE ARCHITECT WITH SAMPLE PRIOR TO USE.
GRASSES & PERENNIALS (EXCLUDING SOIL FILTER AREAS)	18"	PLANTING SOIL (SEE SPECIFICATIONS) - CONTRACTOR TO FURNISH LANDSCAPE ARCHITECT WITH SAMPLE PRIOR TO USE.
SOIL FILTER AREAS	18" MIN.	SEE CIVIL ENGINEER DRAWINGS FOR SOIL FILTER PROFILES. PERENNIALS & GRASSES TO BE PLANTED IN 18" MIN. PLANTING SOIL.
TREE PITS	18" +	PLANTING SOIL (SEE SPECIFICATIONS) - CONTRACTOR TO FURNISH LANDSCAPE ARCHITECT WITH SAMPLE PRIOR TO USE.

NOTE: A MINIMUM OF 2" DARK AGED HEMLOCK MULCH SHALL BE SPREAD IN ALL PLANTED AREAS.

KEY

	SOIL FILTER AREA
	6" LOAM & SEED

ANDERSON STREET PHASE II - OVERALL PLANTING SCHEDULE

ANDERSON STREET PHASE II - OVERALL PLANTING SCHEDULE							AUG. 2015	
TYPE	QUANTITY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT		
Loam & Seed								
	18,355 SF							
Grasses & Perennials								
	133	AM	Achillea millefolium 'Coronation Gold'	Coronation Gold Yarrow	#1	CONT.		
	572	DC	Deschampsia caespitosa 'Goldtau'	Goldtau Tufted Hairgrass	#1	CONT.		
	68	ED	Eupatorium dubium 'Little Joe'	Joe Pye Weed	#1	CONT.		
	192	MS	Monarda 'Scorpion'	Scorpion Beebalm	#1	CONT.		
	794	PV	Panicum virgatum 'Shenandoah'	Shenandoah Switchgrass	#1	CONT.		
	201	RF	Rudbeckia fulgida	Black-Eyed Susan	#1	CONT.		
	650	SH	Sporobolus heterolepis	Prairie Dropseed	#1	CONT.		
	674	SS	Schizachyrium scoparium 'The Blues'	Little Bluestem	#1	CONT.		
Trees								
	25	AR	Acer rubrum 'Karpick'	Red Maple	2.25-2.5" cal.	B&B		

- GENERAL PLANTING PLAN NOTES**
- Contractor shall begin maintenance immediately after planting and shall continue until final acceptance. Contractor shall be responsible for all means and methods of watering and maintenance.
 - The Landscape contractor shall supply all plant materials in quantities sufficient to complete all plantings shown on this drawing. Clarify any discrepancies with the landscape architect prior to ordering plant material.
 - All materials shall conform to the guidelines established by the American Association of Nurserymen.
 - All plants shall bear the same relationship to finish grade as the original grades before digging.
 - The landscape contractor shall guarantee all plant materials for one(1) full year from date of substantial completion.
 - All plant materials are subject to the approval of the landscape architect at the nursery and at the site.
 - All areas of the site which have been disturbed and not otherwise developed shall be loamed with a minimum depth of 6" of topsoil and seeded as specified.
 - Landscape contractor is encouraged to provide the landscape architect with concerns and/or suggestions with regard to proposed plant material selection prior to placing a purchase order.
 - All trees located adjacent to walks and drives shall have 6' of clear height to first branching.
 - Contractor shall verify all tree removals with landscape architect prior to start of construction.
 - Contractor shall obtain approval for proposed lawn & meadow seed mixes prior to installation.
 - No plant shall be put into the ground before rough grading has been finished and approved by the project landscape architect.
 - All plants shall be balled and wrapped or container grown as specified. No container grown stock will be accepted if it is root bound. All root wrapping material made of synthetics or plastics shall be removed at the time of planting.
 - With container grown stock, the container shall be removed and the container ball shall be cut through the surface in two vertical locations.
 - The location of trees, shrubs, grasses and perennials shall be staked and/or placed for final approval by the landscape architect prior to installation. The contractor shall notify the landscape architect 48 hours prior to required site visit.
 - All plants shall be installed as per details and the contract specifications. The landscape contractor shall refer to the contract specifications for additional requirements.
 - All plants and stakes shall be set plumb unless otherwise specified.
 - The landscape contractor shall provide loam fill as per the contract specifications.
 - A minimum of 3" dark aged hemlock mulch shall be spread in all planted areas.
 - All plants shall be watered thoroughly twice during the first 24-hour period after planting. All plants shall then be watered by the contractor, as necessary to insure health until final acceptance.
 - The landscape contractor shall refer to the plant list and planting specifications for seasonal requirements and other restrictions related to the time of planting.
 - All planting beds are have a minimum of 18" of approved planting soil if not stated otherwise. **ALL PLANTING AREAS (PERENNIALS & GRASSES) OUTSIDE AND/OR INTERIOR TO THE SOIL FILTERS SHALL HAVE NO LESS THAN 18" OF PLANTING SOIL.**

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WOODARD & CURRAN
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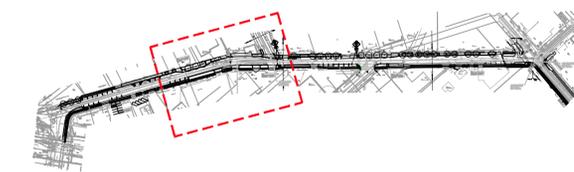
Richardson & Associates
 Landscape Architects

DESIGNED BY: DM
 DRAWN BY:
 CHECKED BY:
 SCALE: 1"=20'
 DATE: AUGUST 2015

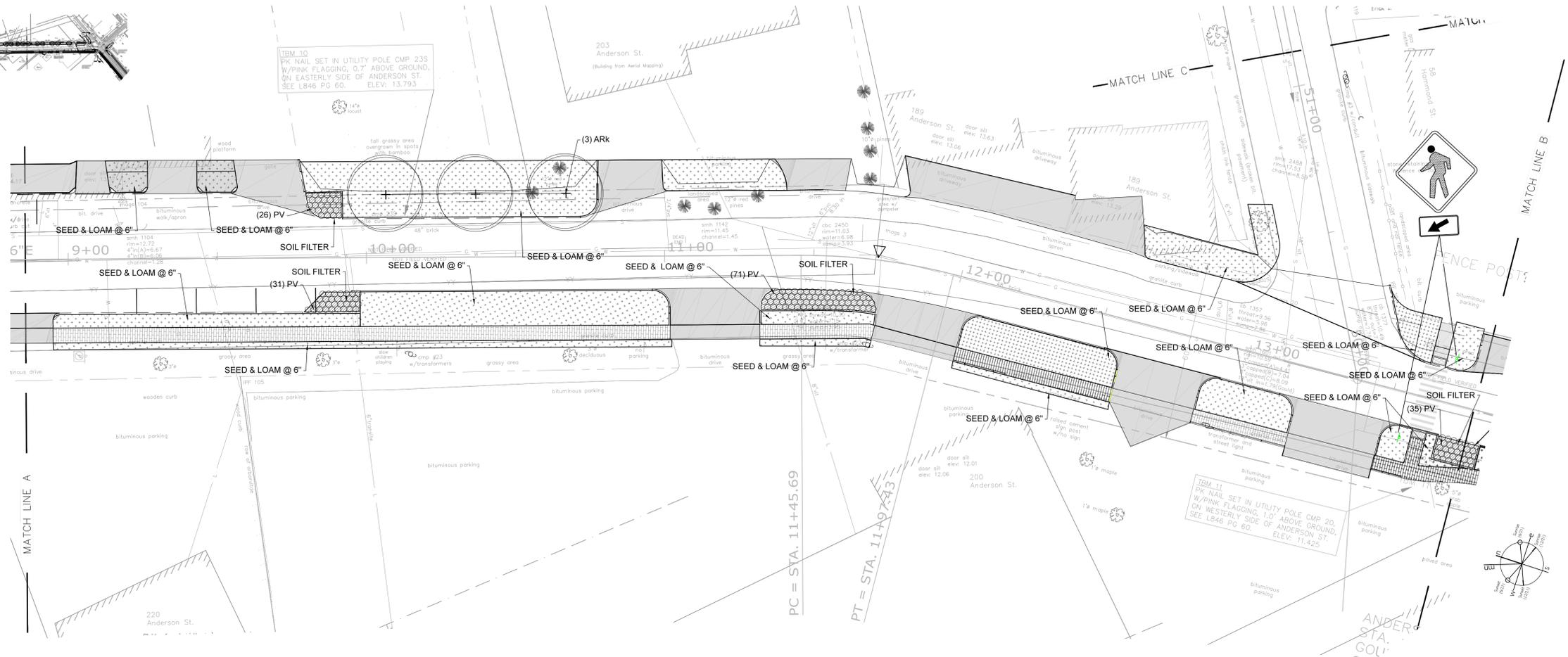
**ANDERSON STREET
 NEIGHBORHOOD BYWAY PROJECT
 PHASE 2 OF 2 - CONTRACT 2 OF 3
 PLANTING PLAN**

CITY OF PORTLAND, MAINE
 PUBLIC SERVICES DEPARTMENT
 ENGINEERING DIVISION





KEY PLAN



41 HUTCHINS DRIVE
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COMMITMENT & INTEGRITY DRIVE RESULTS

Richardson & Associates
Landscape Architects

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DRAWN BY:
CHECKED BY:
SCALE: 1"=20'
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ANDERSON STREET
NEIGHBORHOOD BYWAY PROJECT
PHASE 2 OF 2 - CONTRACT 2 OF 3
PLANTING PLAN

CITY OF PORTLAND, MAINE
PUBLIC SERVICES DEPARTMENT
ENGINEERING DIVISION



SHEET #
18 OF 20
PLAN NUMBER

NOTE:

THIS PROJECT IS FUNDED BY SRF AND CBDG.

CBDG-FUNDED WORK INCLUDES:

- ALL AREAS IDENTIFIED AS 'SEED & LOAM @ 6"
- HERBACEOUS PERENNIAL AREAS NOT IN SOIL FILTERS
- (12) OF 24 TOTAL TREES

THE REMAINDER OF THE WORK IS FUNDED BY SRF.

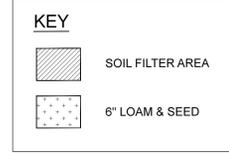
SCHEDULE OF TOPSOIL

LOCATION	DEPTH	DESCRIPTION
SEEDED AREAS	6"	LOAM (SEE SPECIFICATIONS) - CONTRACTOR TO FURNISH LANDSCAPE ARCHITECT WITH SAMPLE PRIOR TO USE.
GRASSES & PERENNIALS (EXCLUDING SOIL FILTER AREAS)	18"	PLANTING SOIL (SEE SPECIFICATIONS) - CONTRACTOR TO FURNISH LANDSCAPE ARCHITECT WITH SAMPLE PRIOR TO USE.
SOIL FILTER AREAS	18" MIN.	SEE CIVIL ENGINEER DRAWINGS FOR SOIL FILTER PROFILES. PERENNIALS & GRASSES TO BE PLANTED IN 18" MIN. PLANTING SOIL.
TREE PITS	18"+	PLANTING SOIL (SEE SPECIFICATIONS) - CONTRACTOR TO FURNISH LANDSCAPE ARCHITECT WITH SAMPLE PRIOR TO USE.

NOTE: A MINIMUM OF 3" DARK AGED HEMLOCK MULCH SHALL BE SPREAD IN ALL PLANTED AREAS.

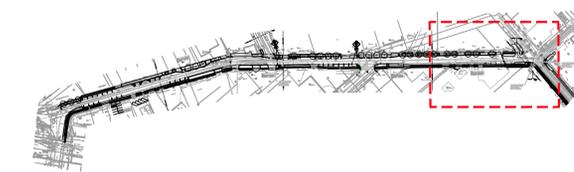
HERBACEOUS PERENNIAL TOTALS:
(882) IN SOIL FILTER AREAS
(2402) IN ALL OTHER AREAS

ANDERSON STREET PHASE II - OVERALL PLANTING SCHEDULE							AUG. 2015
TYPE	QUANTITY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	
Loam & Seed							
	18,355 SF						
Grasses & Perennials							
	133	AM	Achillea millefolium 'Coronation Gold'	Coronation Gold Yarrow	#1	CONT.	
	572	DC	Deschampsia caespitosa 'Goldtau'	Goldtau Tufted Hairgrass	#1	CONT.	
	68	ED	Eupatorium dubium 'Little Joe'	Joe Pye Weed	#1	CONT.	
	192	MS	Monarda 'Scorpion'	Scorpion Beebalm	#1	CONT.	
	794	PV	Panicum virgatum 'Shenandoah'	Shenandoah Switchgrass	#1	CONT.	
	201	RF	Rudbeckia fulgida	Black-Eyed Susan	#1	CONT.	
	650	SH	Sporobolus heterolepis	Prairie Dropseed	#1	CONT.	
	674	SS	Schizachyrium scoparium 'The Blues'	Little Bluestem	#1	CONT.	
Trees							
	25	AR	Acer rubrum 'Karpick'	Red Maple	2.25-2.5" cal.	B&B	

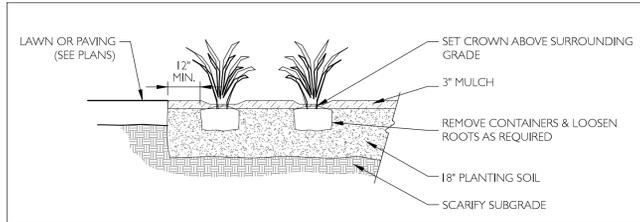


GENERAL PLANTING PLAN NOTES

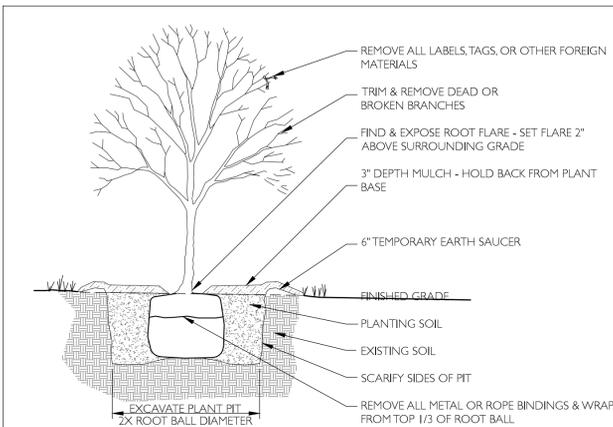
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- The Landscape contractor shall supply all plant materials in quantities sufficient to complete all plantings shown on this drawing. Clarify any discrepancies with the landscape architect prior to ordering plant material.
- All materials shall conform to the guidelines established by the American Association of Nurserymen.
- All plants shall bear the same relationship to finish grade as the original grades before digging.
- The landscape contractor shall guarantee all plant materials for one(1) full year from date of substantial completion.
- All plant materials are subject to the approval of the landscape architect at the nursery and at the site.
- All areas of the site which have been disturbed and not otherwise developed shall be loamed with a minimum depth of 6" of topsoil and seeded as specified.
- Landscape contractor is encouraged to provide the landscape architect with concerns and/or suggestions with regard to proposed plant material selection prior to placing a purchase order.
- All trees located adjacent to walks and drives shall have 6' of clear height to first branching.
- Contractor shall verify all tree removals with landscape architect prior to start of construction.
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- All planting beds are have a minimum of 18" of approved planting soil if not stated otherwise. **ALL PLANTING AREAS (PERENNIALS & GRASSES) OUTSIDE AND/OR RELATIVE TO THE SOIL FILTERS SHALL HAVE NO LESS THAN 18" OF PLANTING SOIL.**



KEY PLAN



1 PERENNIAL/ORNAMENTAL GRASS PLANTING, TYP.
SCALE: NTS



- NOTES:
- TREE TO BE SET PLUMB.
 - SECURE TREE AS MAY BE REQUIRED ACCORDING TO TREE SIZE, LOCATION, & WIND/WEATHER CONDITIONS.
 - IF USING ROOTBALL STABILIZATION, FOLLOW MANUFACTURER'S RECOMMENDATIONS.

2 TREE PLANTING, TYP.
SCALE: NTS

NOTE:

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CBDG-FUNDED WORK INCLUDES:

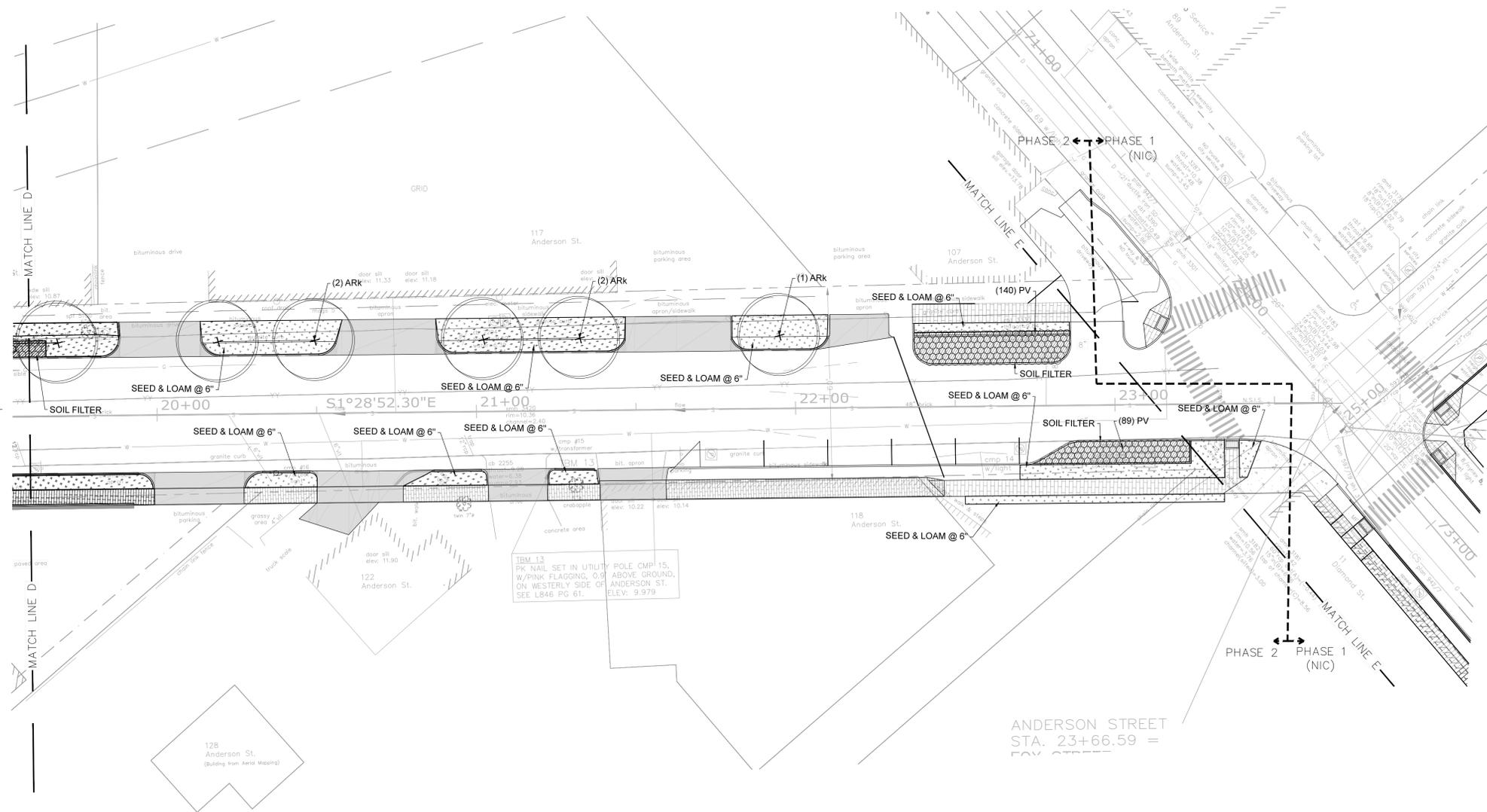
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SCHEDULE OF TOPSOIL

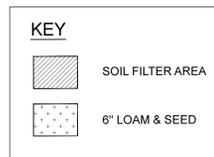
LOCATION	DEPTH	DESCRIPTION
SEED & LOAM @ 6"	6"	LOAM (SEE SPECIFICATIONS) - CONTRACTOR TO FURNISH LANDSCAPE ARCHITECT WITH SAMPLE PRIOR TO USE.
GRASSES & PERENNIALS (EXCLUDING SOIL FILTER AREAS)	18"	PLANTING SOIL (SEE SPECIFICATIONS) - CONTRACTOR TO FURNISH LANDSCAPE ARCHITECT WITH SAMPLE PRIOR TO USE.
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TREE PITS	18" +	PLANTING SOIL (SEE SPECIFICATIONS) - CONTRACTOR TO FURNISH LANDSCAPE ARCHITECT WITH SAMPLE PRIOR TO USE.

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HERBACEOUS PERENNIAL TOTALS:
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(2402) IN ALL OTHER AREAS

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	18,355 SF						
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COMMITMENT & INTEGRITY DRIVE RESULTS

Richardson & Associates
Landscape Architects

DESIGNED BY: DM
DRAWN BY:
CHECKED BY:
SCALE: 1"=20'
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ANDERSON STREET
NEIGHBORHOOD BYWAY PROJECT
PHASE 2 OF 2 - CONTRACT 2 OF 3
PLANTING PLAN & DETAILS

CITY OF PORTLAND, MAINE
PUBLIC SERVICES DEPARTMENT
ENGINEERING DIVISION



SHEET #
20 OF 20
PLAN NUMBER