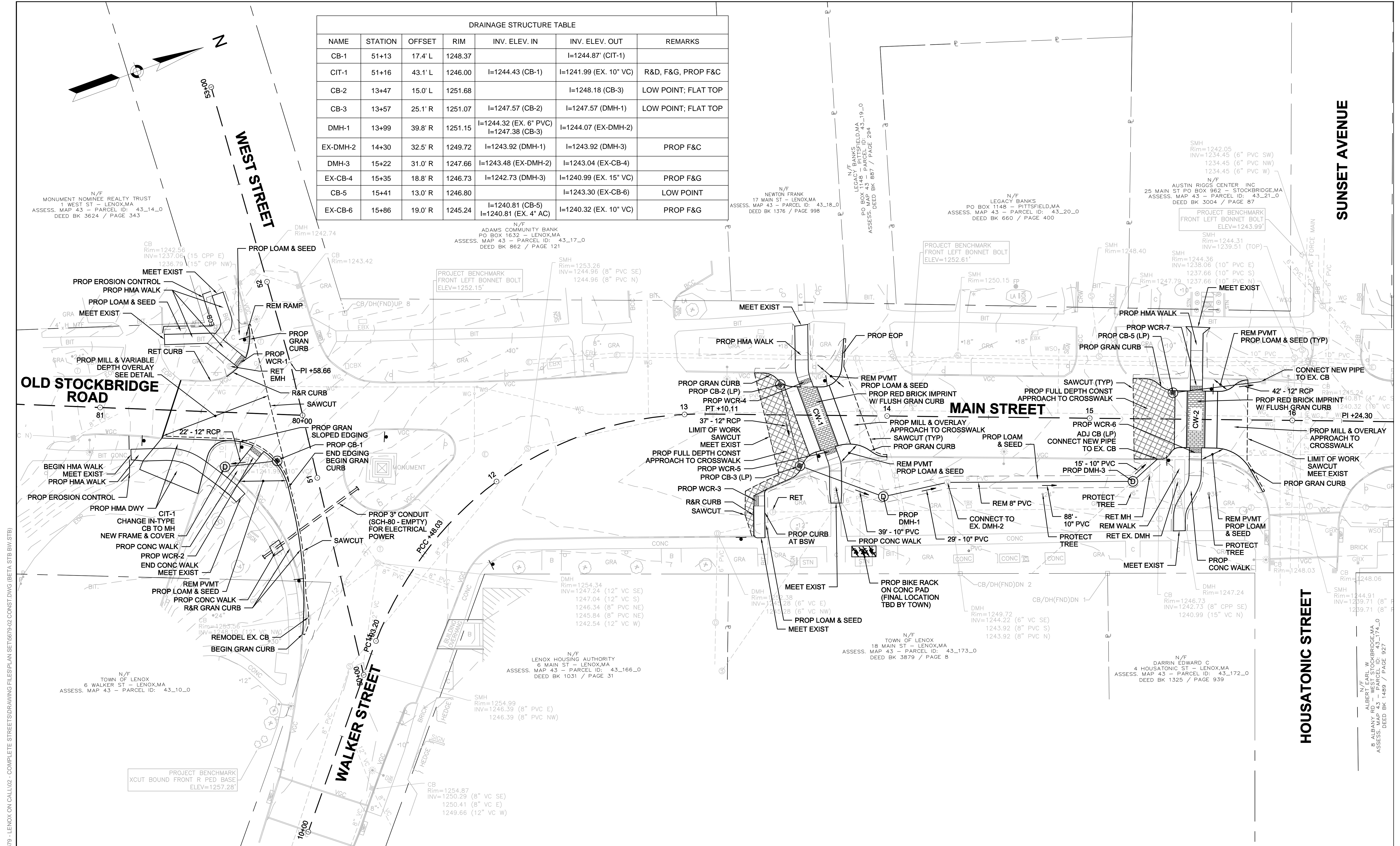


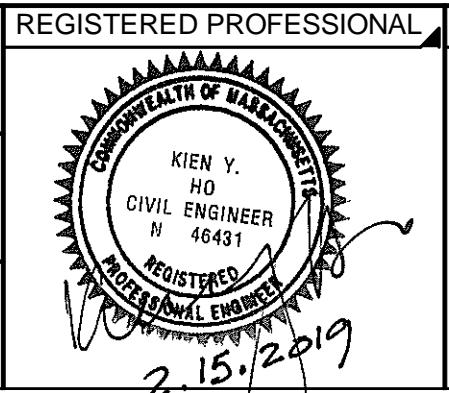
DRAINAGE STRUCTURE TABLE						
NAME	STATION	OFFSET	RIM	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-1	51+13	17.4' L	1248.37		I=1244.87' (CIT-1)	
CIT-1	51+16	43.1' L	1246.00	I=1244.43 (CB-1)	I=1241.99 (EX. 10" VC)	R&D, F&G, PROP F&C
CB-2	13+47	15.0' L	1251.68		I=1248.18 (CB-3)	LOW POINT; FLAT TOP
CB-3	13+57	25.1' R	1251.07	I=1247.57 (CB-2)	I=1247.57 (DMH-1)	LOW POINT; FLAT TOP
DMH-1	13+99	39.8' R	1251.15	I=1244.32 (EX. 6" PVC) I=1247.38 (CB-3)	I=1244.07 (EX-DMH-2)	
EX-DMH-2	14+30	32.5' R	1249.72	I=1243.92 (DMH-1)	I=1243.92 (DMH-3)	PROP F&C
DMH-3	15+22	31.0' R	1247.66	I=1243.48 (EX-DMH-2)	I=1243.04 (EX-CB-4)	
EX-CB-4	15+35	18.8' R	1246.73	I=1242.73 (DMH-3)	I=1240.99 (EX. 15" VC)	PROP F&G
CB-5	15+41	13.0' R	1246.80		I=1243.30 (EX-CB-6)	LOW POINT
EX-CB-6	15+86	19.0' R	1245.24	I=1240.81 (CB-5) I=1240.81 (EX. 4" AC)	I=1240.32 (EX. 10" VC)	PROP F&G



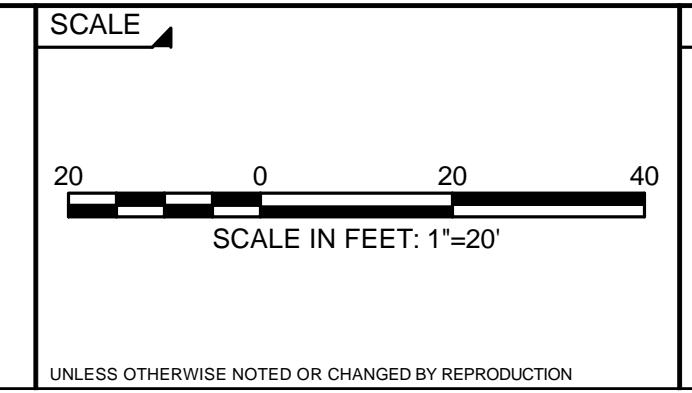
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NUMBER	DATE	MADE BY	CHECKED BY	REVISIONS

DRAWN BY: SD
DESIGNED BY: SD
CHECKED BY: DJ



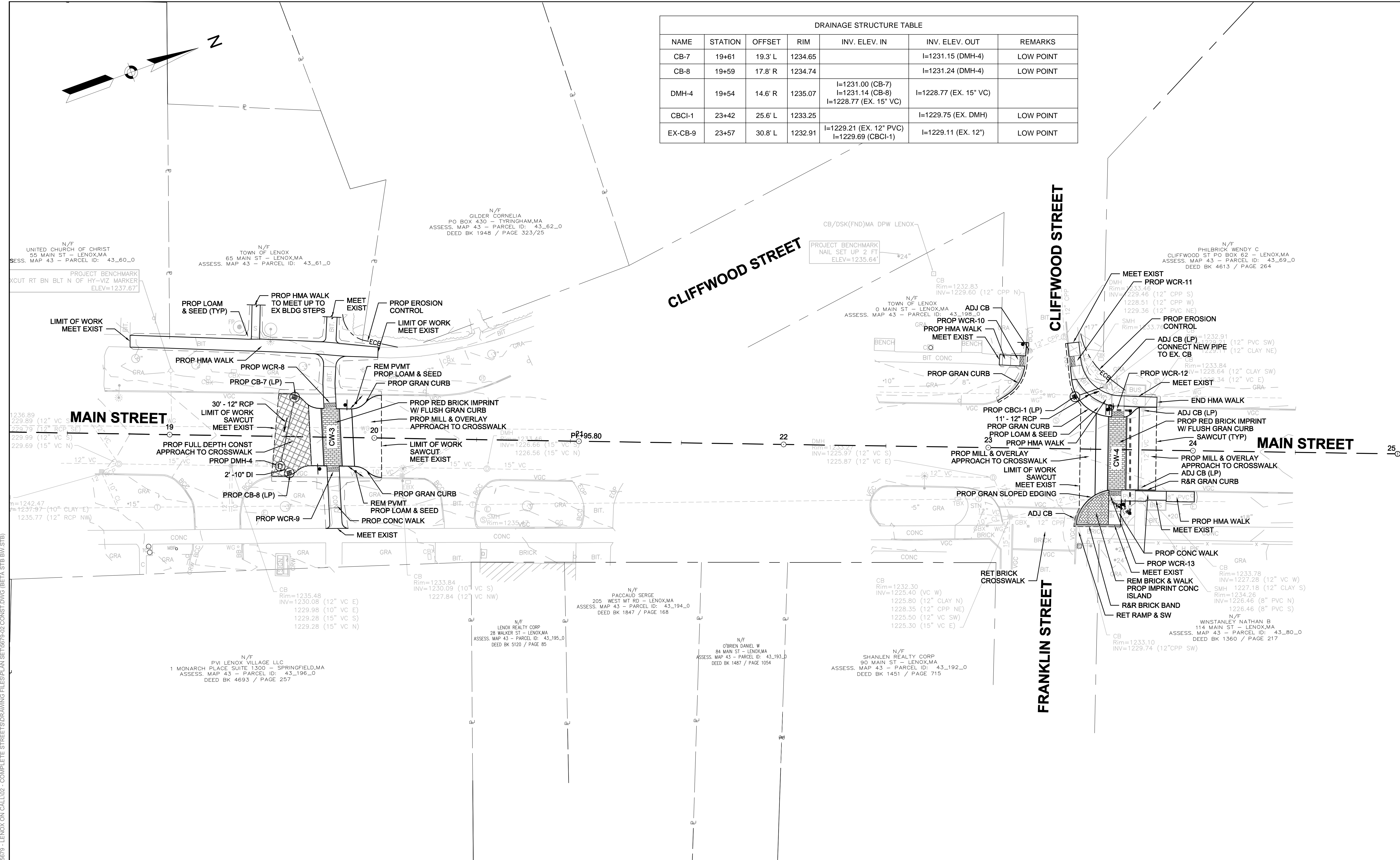
REGISTERED PROFESSIONAL
PREPARED BY
SUBCONSULTANT



TITLE
**PEDESTRIAN SAFETY IMPROVEMENTS
ALONG MAIN STREET (FIVE LOCATIONS)**
CONSTRUCTION PLAN
LENOX, MASSACHUSETTS

BETA JOB NO. 5679
ISSUE DATE 2/14/2019
SHEET NO. 6 OF 13

DRAINAGE STRUCTURE TABLE						
NAME	STATION	OFFSET	RIM	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-7	19+61	19.3' L	1234.65		I=1231.15 (DMH-4)	LOW POINT
CB-8	19+59	17.8' R	1234.74		I=1231.24 (DMH-4)	LOW POINT
DMH-4	19+54	14.6' R	1235.07	I=1231.00 (CB-7) I=1231.14 (CB-8) I=1228.77 (EX. 15' VC)	I=1228.77 (EX. 15' VC)	
CBCI-1	23+42	25.6' L	1233.25		I=1229.75 (EX. DMH)	LOW POINT
EX-CB-9	23+57	30.8' L	1232.91	I=1229.21 (EX. 12" PVC) I=1229.69 (CBCI-1)	I=1229.11 (EX. 12")	LOW POINT

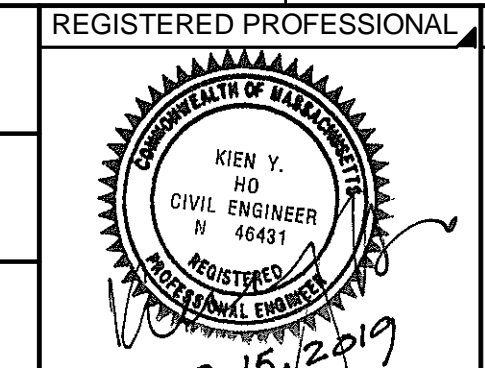


NUMBER	DATE	MADE BY	CHECKED BY	REVISIONS

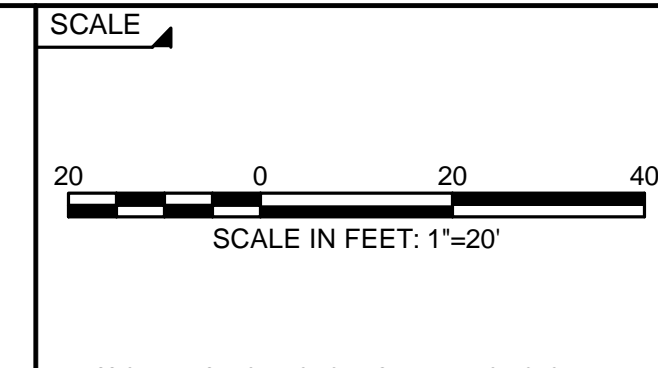
DRAWN BY:
SD

DESIGNED BY:
SD

CHECKED BY:
DJ



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SUBCONSULTANT



TITLE

**PEDESTRIAN SAFETY IMPROVEMENTS
ALONG MAIN STREET (FIVE LOCATIONS)**

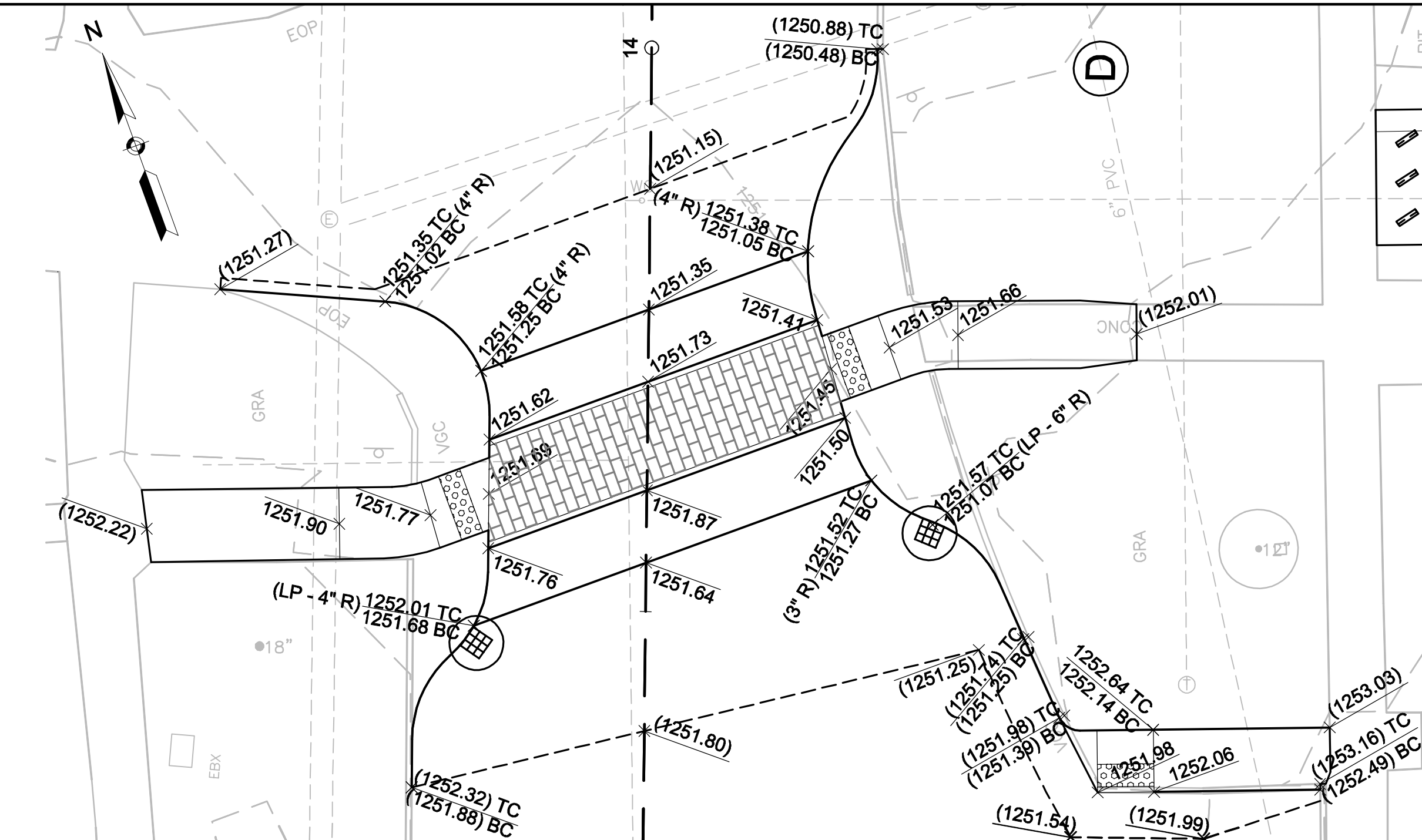
CONSTRUCTION PLAN
LENOX, MASSACHUSETTS

BETA JOB NO. 5679

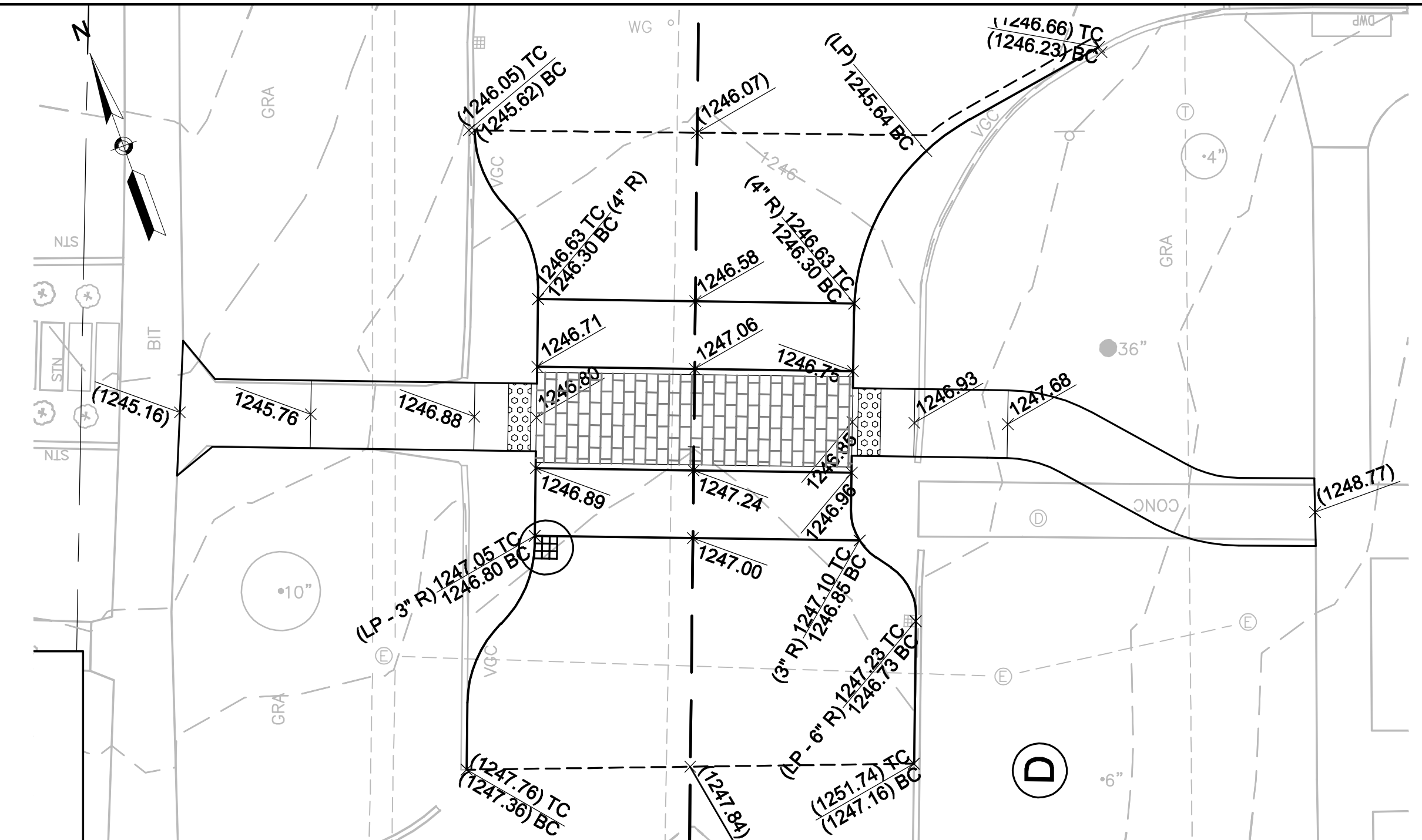
ISSUE DATE 2/14/2019

SHEET NO. 7 OF 13

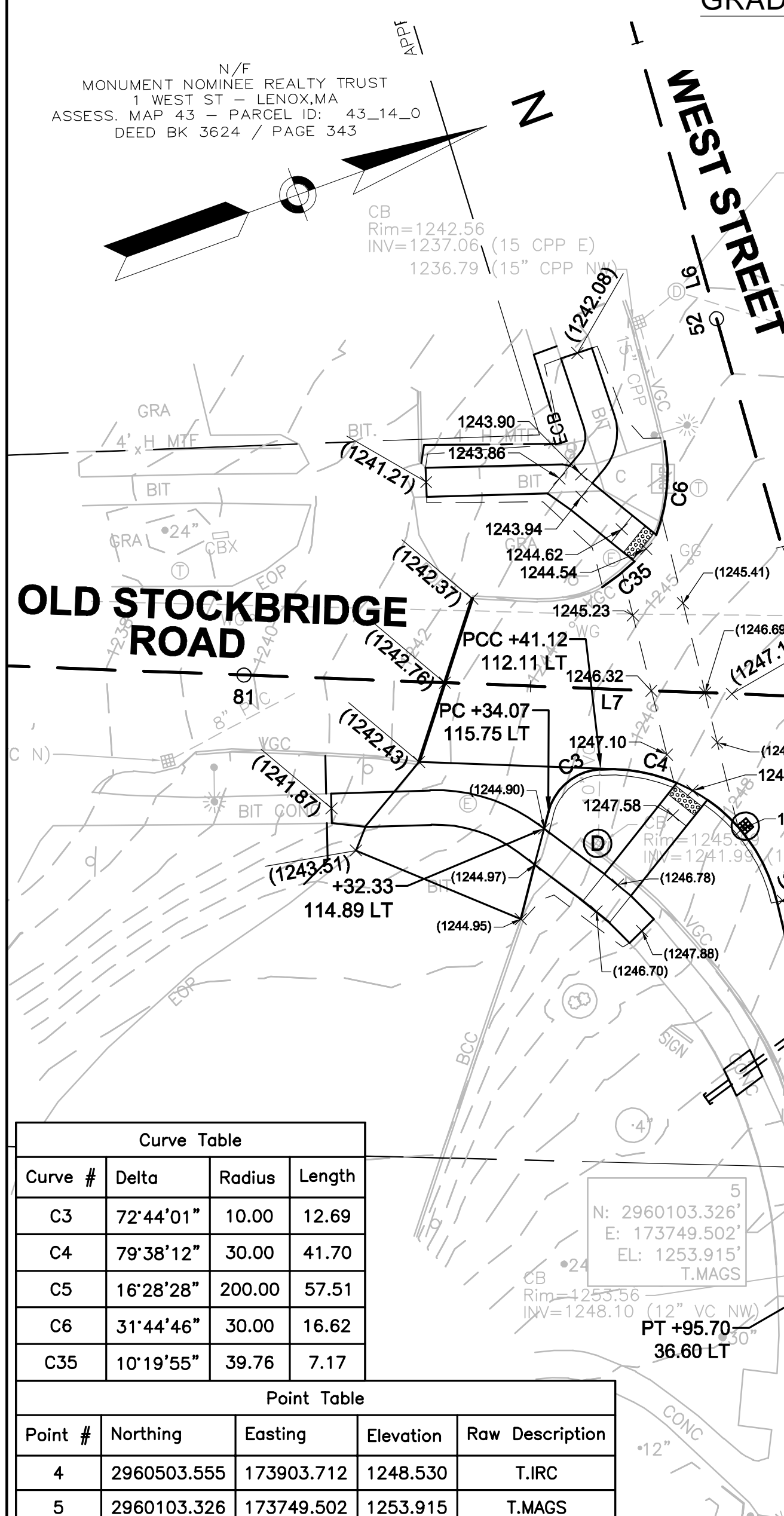
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GRADING PLAN - RAISED CROSSWALK-1
SCALE: 1" = 10'



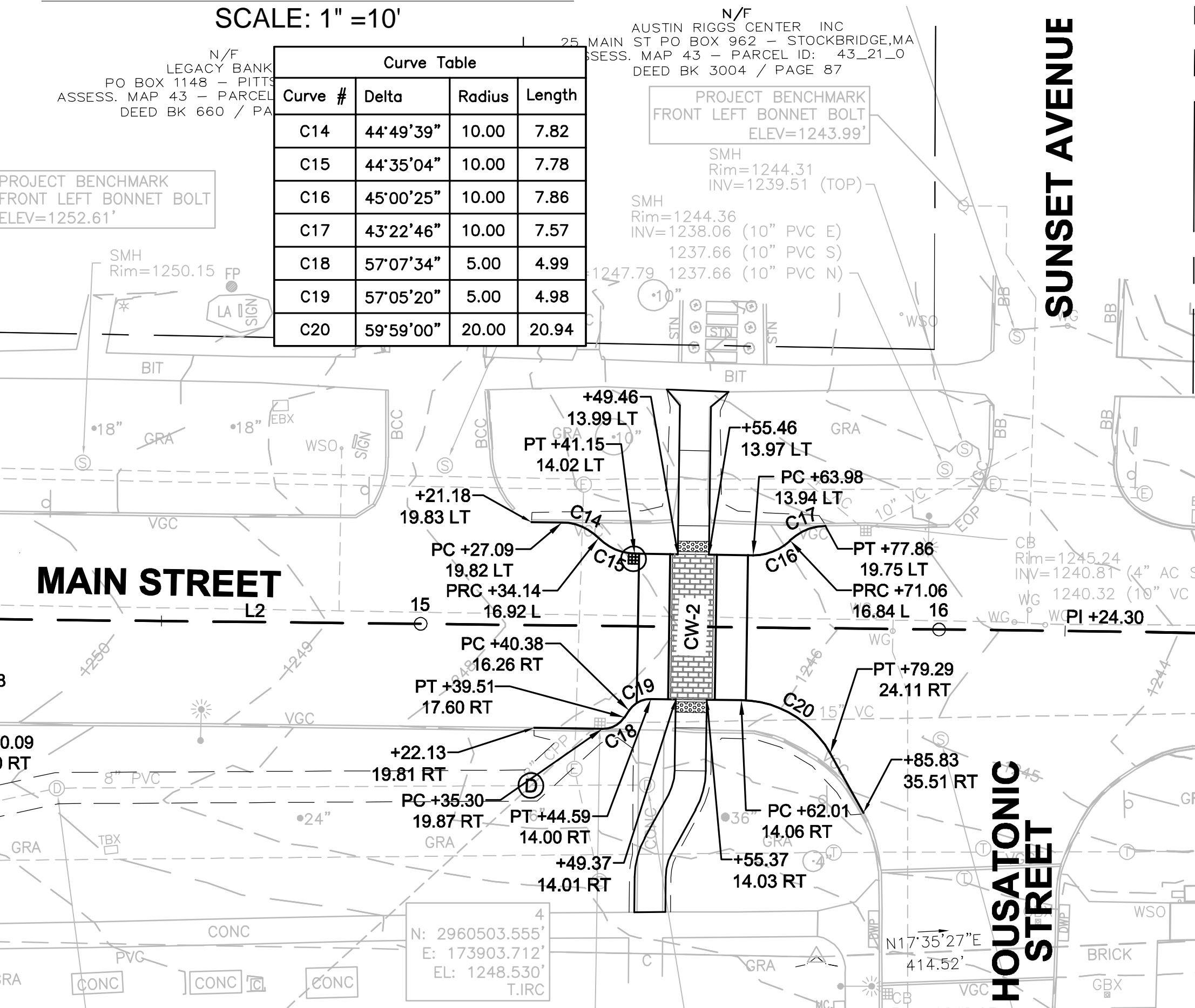
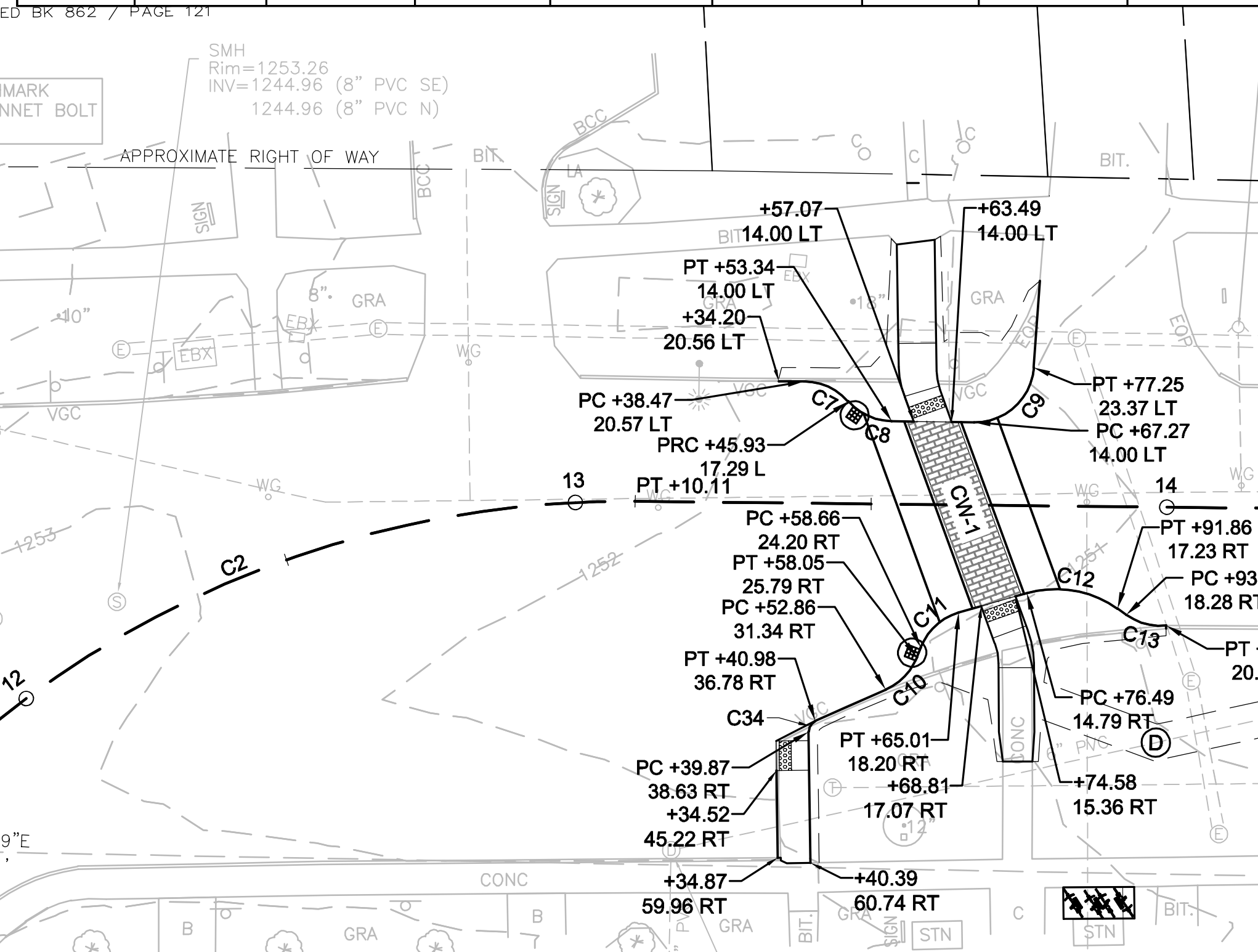
GRADING PLAN - RAISED CROSSWALK-2
SCALE: 1" = 10'



Curve #	Delta	Radius	Length
C7	48°05'53"	10.00	8.39
C8	47°50'07"	10.00	8.35
C9	86°24'17"	10.00	15.08
C10	44°38'50"	10.00	7.79
C11	51°47'55"	10.00	9.04
C12	51°12'43"	18.00	16.09
C13	40°31'51"	10.00	7.07
C34	63°55'07"	2.04	2.28

OLD STOCKBRIDGE RD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L7	80+00.00	2960089.173	173682.974		S22°12'23"W 150.00'	81+50.00	2959950.302	173626.284

Curve #	Delta	Radius	Length
C14	44°49'39"	10.00	7.82
C15	44°35'04"	10.00	7.78
C16	45°00'25"	10.00	7.86
C17	43°22'46"	10.00	7.57
C18	57°05'20"	5.00	4.99
C19	57°05'20"	5.00	4.98
C20	59°59'00"	20.00	20.94



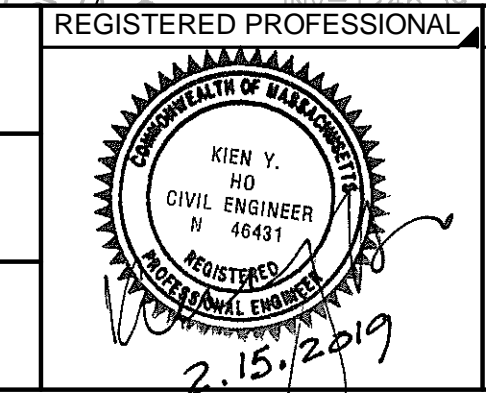
WEST ST CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L5	50+00.00	2960073.664	173813.799		N83°14'21"W 158.66'	51+58.66	2960092.343	173656.239
L6	51+58.66	2960092.343	173656.239		N86°00'02"W 141.34'	53+00.00	2960102.201	173515.242

ROUTE 7A (WALKER ST - MAIN ST) CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L1	10+00.00	2960021.443	173877.235		N50°32'20"W 93.20'	10+93.20	2960080.678	173805.278
C1	10+93.20	2960080.678	173805.278	R=190.00' Δ=16°32'02" L=54.83' T=27.61'		11+48.03	2960121.109	173768.525
C2	11+48.03	2960121.109	173768.525	R=170.00' Δ=54°37'36" L=162.08' T=87.79'		13+10.11	2960276.057	173750.346
L2	13+10.11	2960276.057	173750.346		N20°37'18"E 314.19'	16+24.30	2960570.114	173861.002

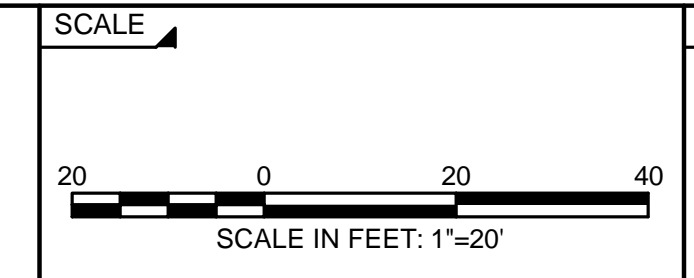
Curve #	Delta	Radius	Length
C3	72°44'01"	10.00	12.69
C4	79°38'12"	30.00	41.70
C5	16°28'28"	200.00	57.51
C6	31°44'46"	30.00	16.62
C35	10°19'55"	39.76	7.17

Point Table			
Point #	Northing	Easting	Raw Description
4	2960503.555	173749.502	1248.530 T.I.R.C
5	2960103.326	173749.502	1253.915 T.M.A.G.S

DRAWN BY: SD
DESIGNED BY: SD
CHECKED BY: DJ

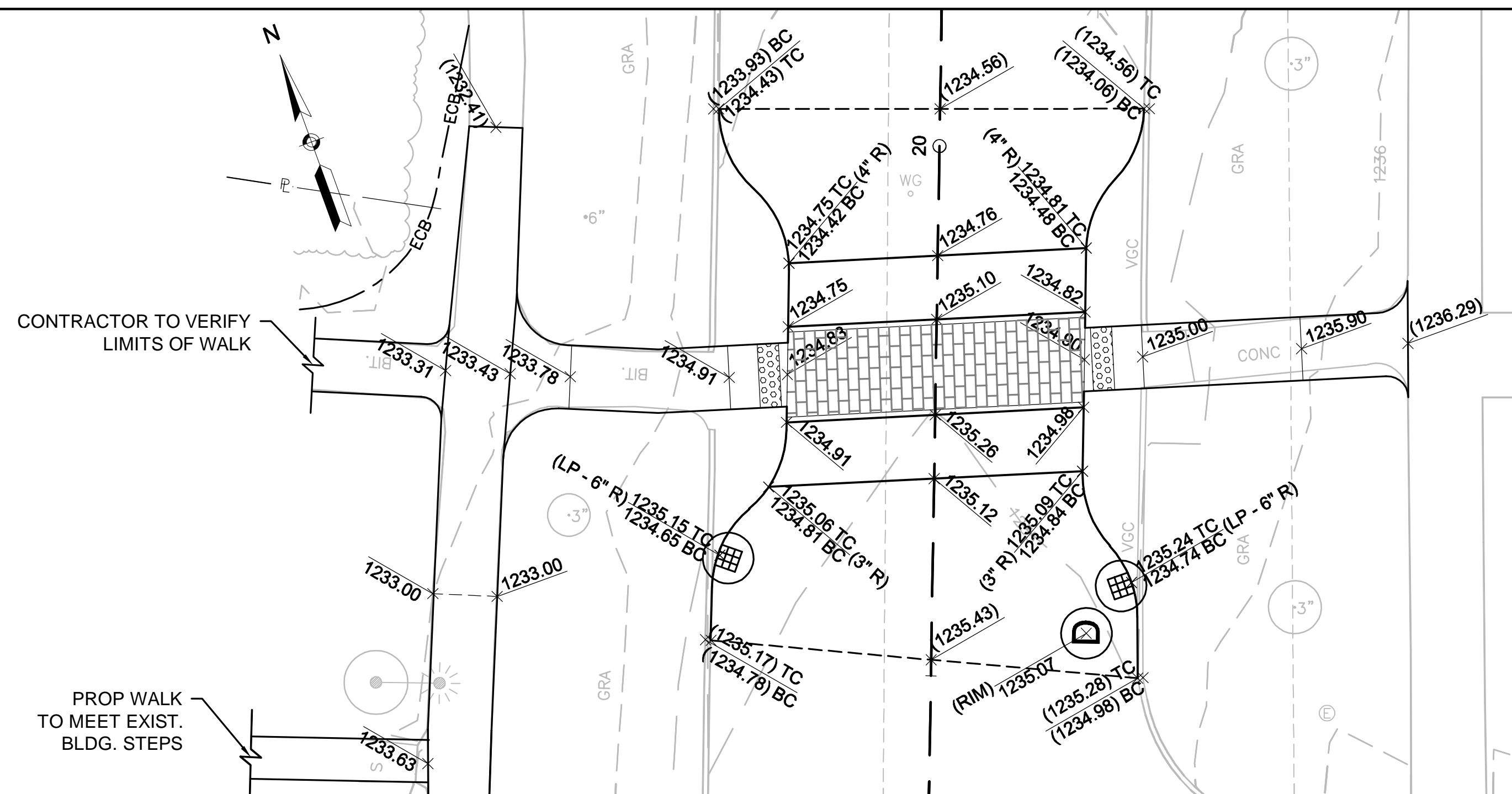


PREPARED BY: SUBCONSULTANT

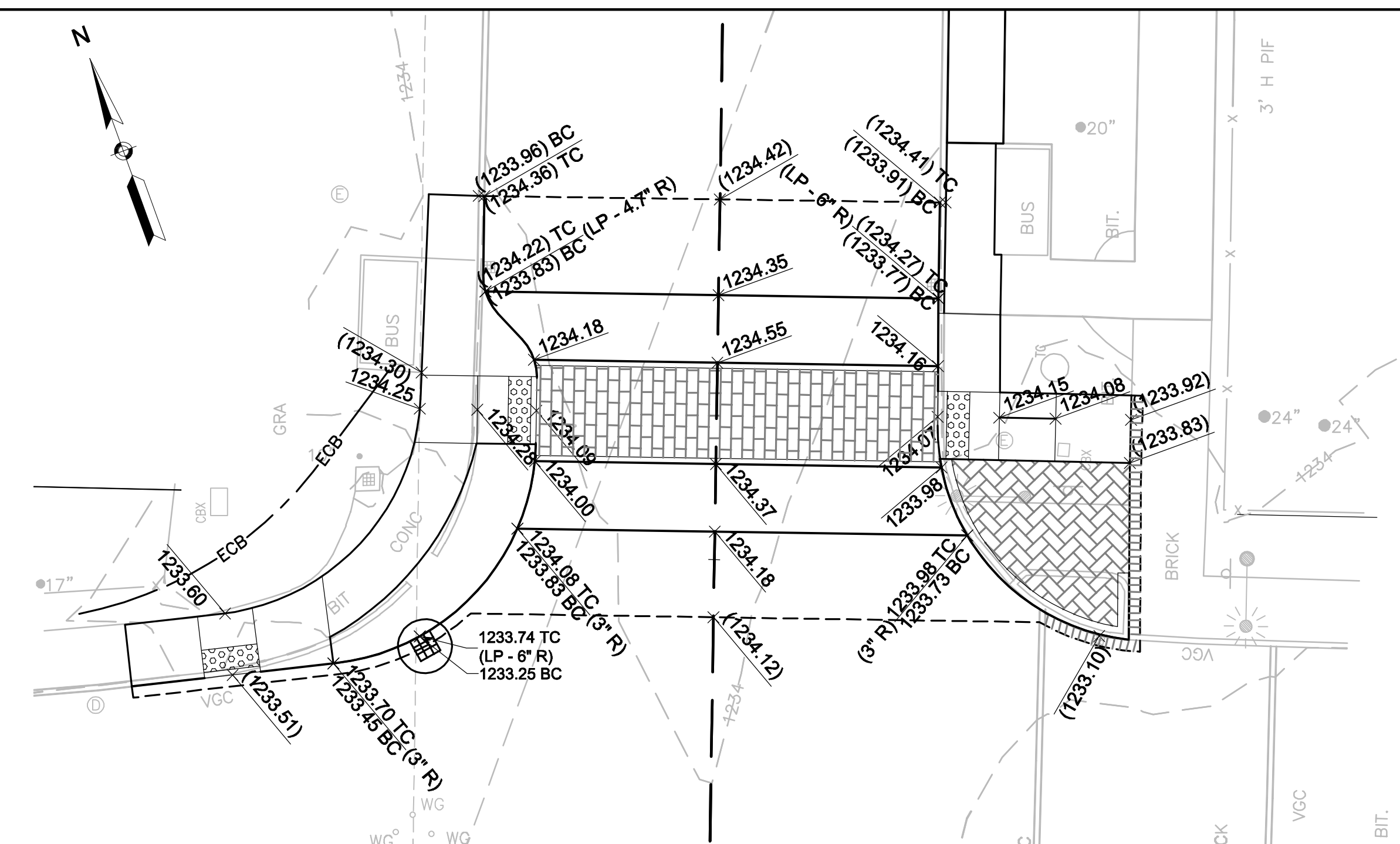


SCALE: 1" = 20'
TITLE: PEDESTRIAN SAFETY IMPROVEMENTS ALONG MAIN STREET (FIVE LOCATIONS) CURB TIE & GRADING PLAN LENOX, MASSACHUSETTS
BETA JOB NO. 5679
ISSUE DATE: 2/14/2019
SHEET NO. 9 OF 13

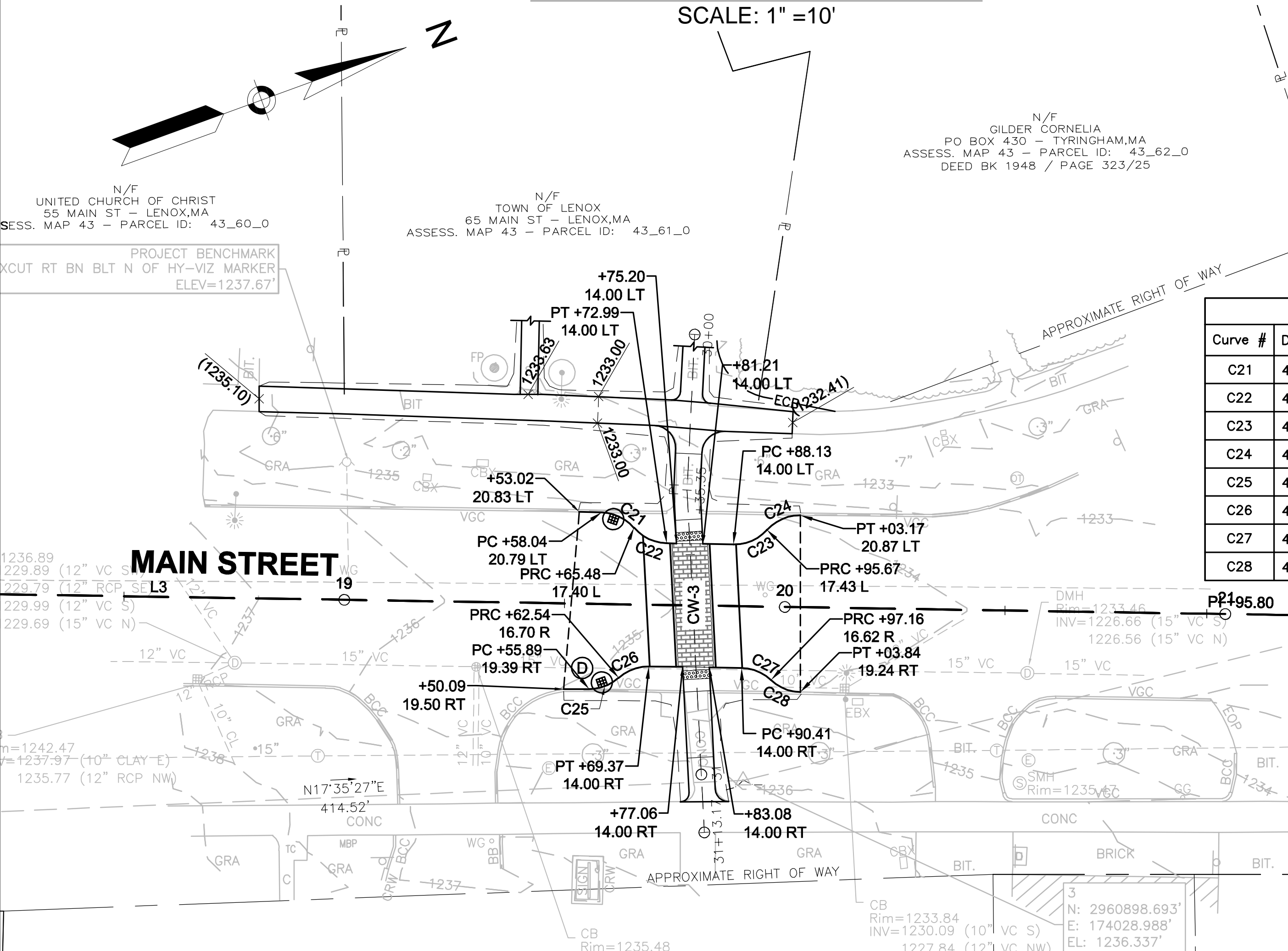
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GRADING PLAN - RAISED CROSSWALK-3
SCALE: 1" = 10'



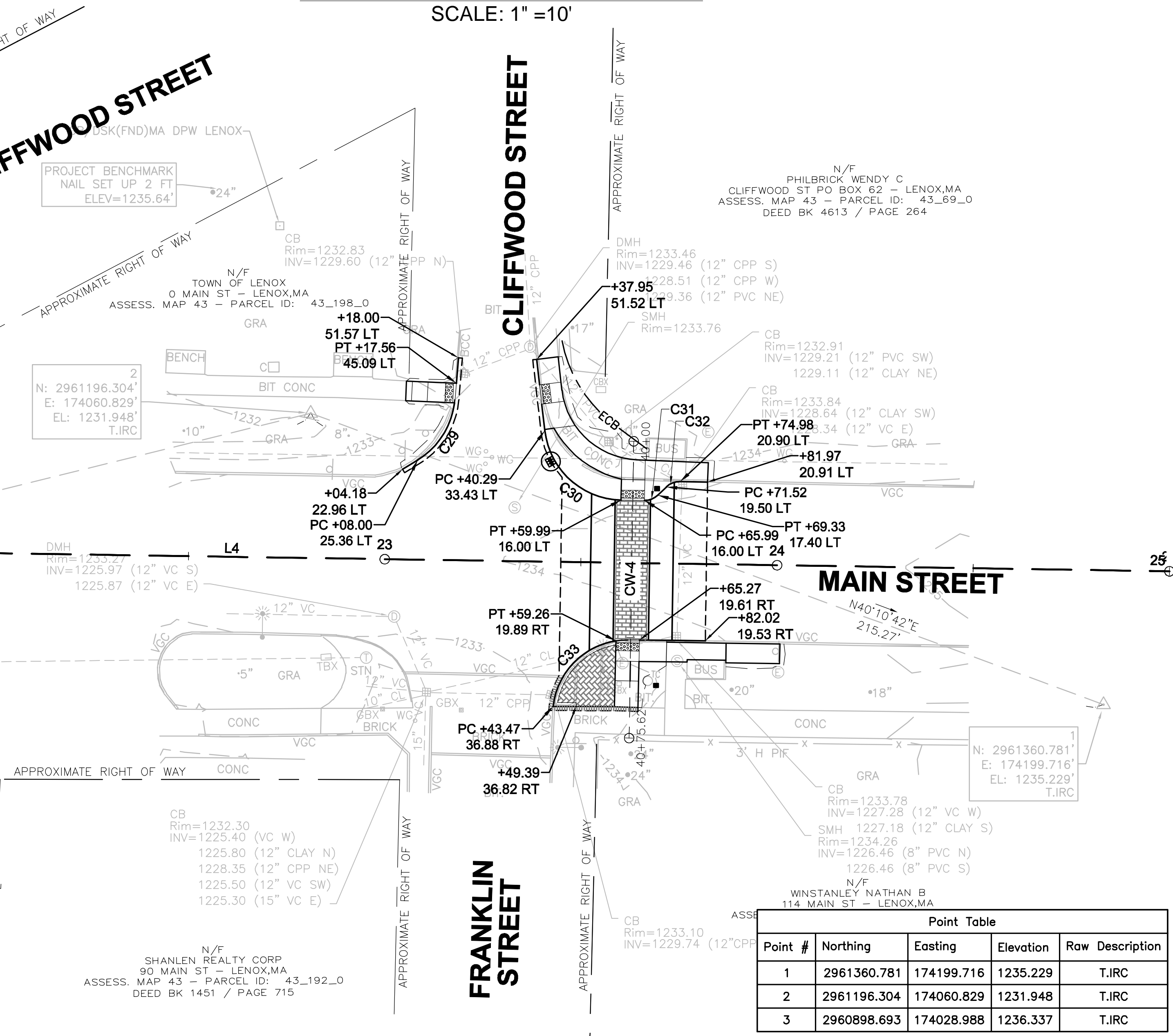
GRADING PLAN - RAISED CROSSWALK-4
SCALE: 1" = 10'



Curve #	Delta	Radius	Length
C21	48°17'14"	10.00	8.43
C22	48°40'31"	10.00	8.50
C23	48°57'36"	10.00	8.55
C24	48°42'46"	10.00	8.50
C25	42°02'16"	10.00	7.34
C26	43°05'12"	10.00	7.52
C27	42°27'03"	10.00	7.41
C28	42°04'02"	10.00	7.34

Curve #	Delta	Radius	Length
C29	53°54'38"	20.00	18.82
C30	82°36'45"	20.00	28.84
C31	43°53'13"	5.00	3.83
C32	43°48'58"	5.00	3.82
C33	84°12'31"	19.00	27.92

ROUTE 7A (WALKER ST - MAIN ST) CONSTRUCTION BASELINE DATA							
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	EASTING
L3	16+24.30	2960570.114	173861.002		N20°55'47"E 471.50'	20+95.80	2961010.507
L4	20+95.80	2961010.507	174029.434		N20°53'04"E 404.20'	25+00.00	2961388.151



Point Table				
Point #	Northing	Easting	Elevation	Raw Description
1	2961360.781	174199.716	1235.229	T.I.R.C
2	2961196.304	174060.829	1231.948	T.I.R.C
3	2960898.693	174028.988	1236.337	T.I.R.C

DRAWN BY: SD
DESIGNED BY: SD
CHECKED BY: DJ

REGISTERED PROFESSIONAL
KLEN Y. HO
CIVIL ENGINEER
46451
2.15.2019

PREPARED BY
BETA
www.BETA-Inc.com

SUBCONSULTANT

SCALE
20 0 20 40
SCALE IN FEET: 1"=20'

TITLE
**PEDESTRIAN SAFETY IMPROVEMENTS
ALONG MAIN STREET (FIVE LOCATIONS)
CURB TIE & GRADING PLAN
LENOX, MASSACHUSETTS**

BETA JOB NO. 5679
ISSUE DATE 2/14/2019
SHEET NO. 10 OF 13

2/15/2019 10:47 AM C:\BETA\5679 - LENOX ON CALL\02 - COMPLETE STREETS\DRAWING FILES\PLAN SET\679\02 CURB TIE.DWG (BETA STB.BW) (STB)