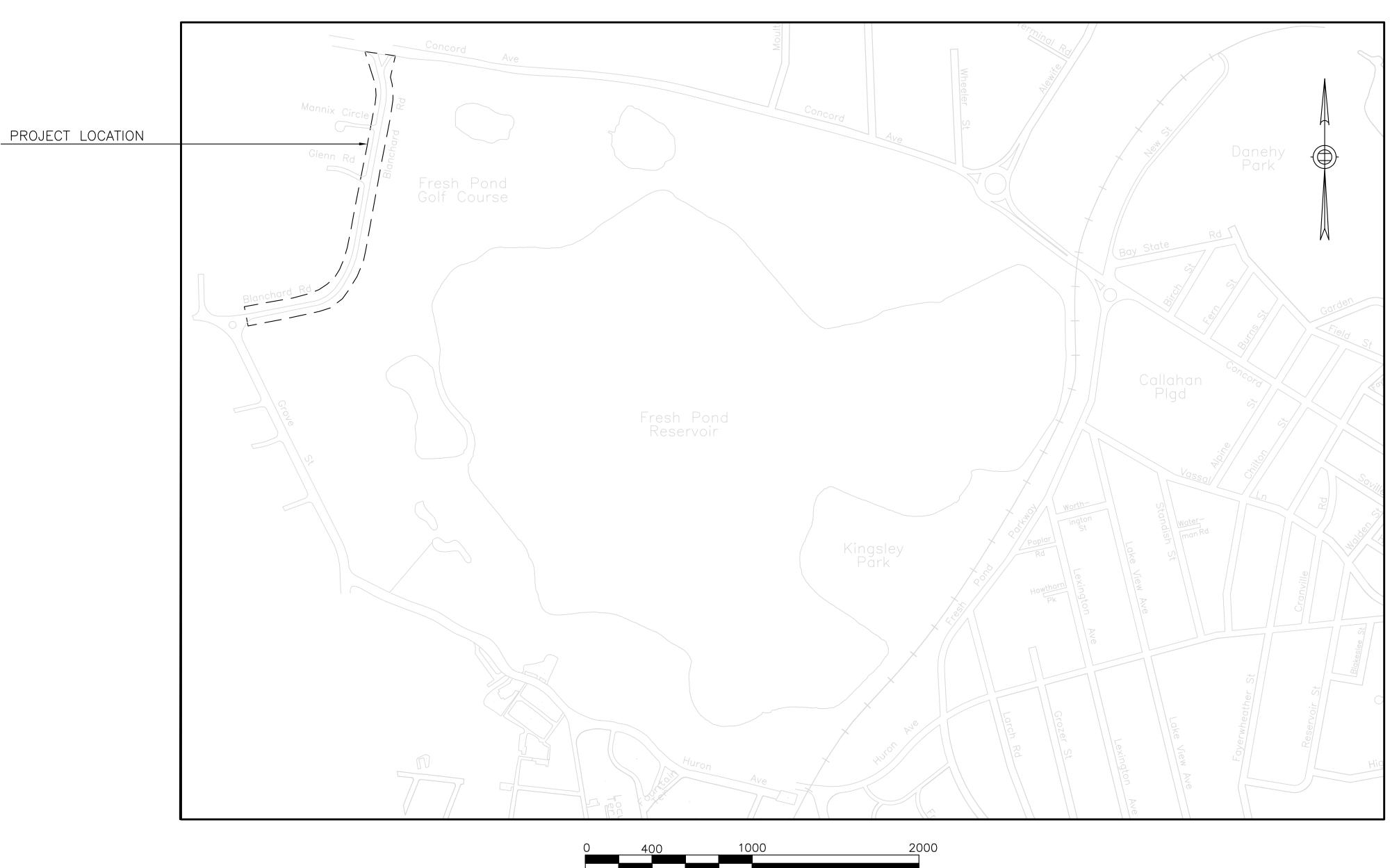
## RECONSTRUCTION OF BLANCHARD ROAD CAMBRIDGE, MA



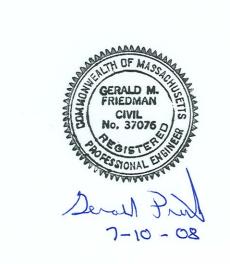
#### INDEX OF DRAWINGS

DESCRIPTION
TITLE SHEET & INDEX OF DRAWINGS
LEGEND, ABBREVIATIONS AND GENERAL NOTES
CONSTRUCTION DETAILS
TYPICAL SECTIONS
EXISTING CONDITIONS PLANS
GENERAL PLANS
ROADWAY PROFILES
ALIGNMENT, CURB TIE AND GRADING PLANS
PAVEMENT MARKING AND SIGNING PLANS
TRAFFIC SIGN SUMMARY

PREPARED FOR:

# CITY OF CAMBRIDGE COMMUNITY DEVELOPMENT DEPARTMENT DEPARTMENT OF PUBLIC WORKS





#### <u>LEGEND</u> <u>EXISTING</u> <u>PROPOSED</u> FOR EXISTING MANHOLE FEATURES LEGEND CATCH BASIN SEE EXISTING GATE VALVE CONDITIONS PLAN HYDRANT SHEET 9 UTILITY POLE WITH LIGHT SIGN WITH POST GRANITE CURB \_\_\_\_\_D STORM DRAIN FENCE LINE PEDESTRIAN RAMP SPOT GRADE CONTOUR (INTERMEDIATE) <del>----33 ----</del>

<del>----35 ----</del>

CONTOUR (INDEX)

GENERAL

#### PROPOSED ABBREVIATIONS

#### FOR EXISTING FEATURES ABBREVIATIONS SEE EXISTING CONDITIONS PLAN SHEET 9

· ·= -	, , , , , , , , , , , , , , , , , , , ,
СВ	CATCH BASIN
CONC	CONCRETE
CLF	CHAIN LINK FENCE
DIA	DIAMETER
DMH	DRAIN MANHOLE
EXIST	EXISTING
GRAN	GRANITE
HMA	HOT MIXED ASPHALT
I=30.00	INVERT ELEVATION
M&M	MEET AND MATCH
PROP	PROPOSED
R=50.00	RIM ELEVATION
RET	RETAIN
SMH	SEWER MANHOLE
SW	SIDEWALK
TC	TOP OF CURB
TH=60.00	TOP OF HOOD ELEVATION
TYP	TYPICAL
TP=50.00	TOP OF PIPE ELAVATION
UP	UTILITY POLE

ADJUST

#### **MARKINGS**

VGC

SWLL	4" SINGLE WHITE LANE LINE
BWLL	4" BROKEN WHITE LANE LINE
SWEL	4" SINGLE WHITE EDGE LINE
SL	12" STOP LINE
SYEL	4" SINGLE YELLOW EDGE LINE
DYCL	4" DOUBLE YELLOW CENTER LINE
DBYL	4" DOUBLE BROKEN YELLOW LINE
SYGL	8" SOLID YELLOW GORE LINE
DSYCL	4" DASHED SINGLE YELLOW CENTER LINE

VERTICAL GRANITE CURB

#### <u>SIGNS</u>

SNB	STREET NAME BLADE
LA	LEFT ARROW
RA	RIGHT ARROW
DA	DOUBLE ARROW

#### MATERIALS/HATCHING LEGEND

PROPOSED FULL DEPTH CONSTRUCTION

DETECTABLE WARNING STRIP



RAISED INTERSECTION PAVERS



RAISED INTERSECTION RAMP



LOAM AND SEED



RAISED PAVEMENT MARKER TWO WAY - WHITE/RED



RAISED PAVEMENT MARKER TWO WAY - YELLOW/RED



RAISED PAVEMENT MARKER TWO WAY - YELLOW/YELLOW



BICYCLE LANE PAVEMENT MARKING



SHARED LANE PAVEMENT MARKING



695 Atlantic Avenue, Boston, MA 02111

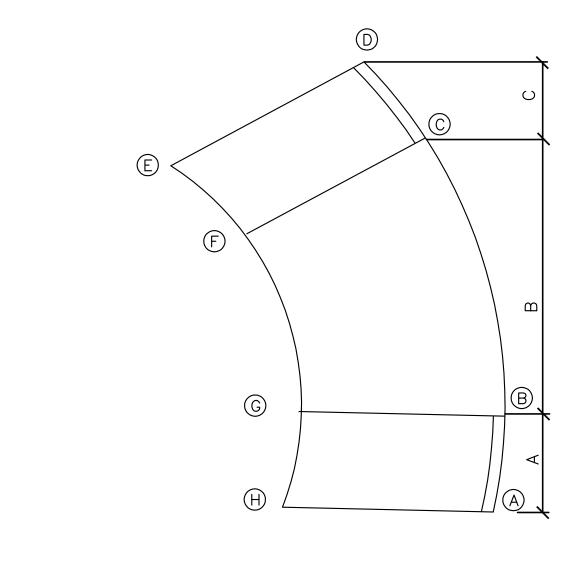
TEL: (617) 357-7700 FAX: (617) 357-7759

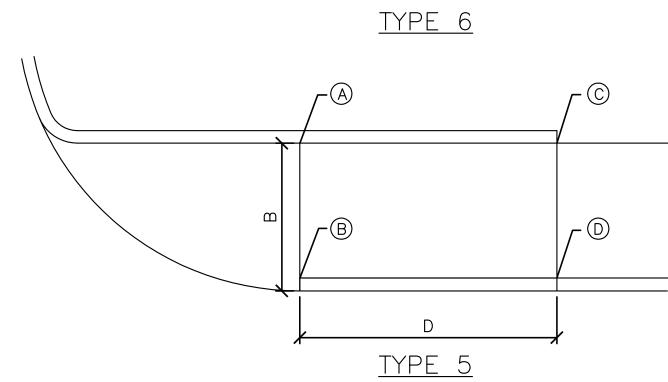
				Scale	AS NOTED		Sheet No.
				Date	7/1/08	CITY OF CAMBRIDGE, MASSACHUSETTS	2
				Job No.	53275		Total Sheets
				Designed by	PFB	RECONSTRUCTION OF BLANCHARD ROAD	22
	0	AS-BID	7/1/08	Drawn by	JG		
Ī	No.	DESCRIPTION	DATE	Checked by	GMF		File No.
		REVISIONS		Approved by	1	LEGEND, ABBREVIATIONS AND GENERAL NOTES	

GENERAL NOTES

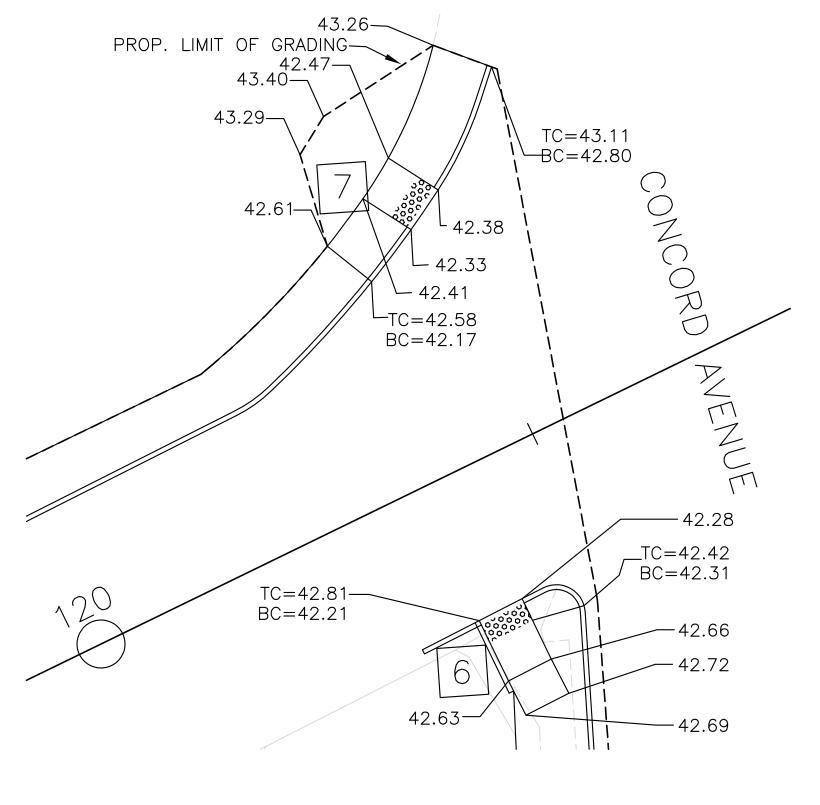
- 1. FOR SURVEY INFORMATION, SEE EXISTING CONDITIONS PLANS SHEETS 8-11.
- 2. THE ACCURACY AND COMPLETENESS OF UNDERGROUND UTILITIES AS SHOWN IN THE PLANS ARE NOT GUARANTEED. THE INFORMATION SHOWN IS APPROXIMATE AND HAS NOT BEEN INDEPENDENTLY VERIFIED BY EITHER THE CITY OF CAMBRIDGE OR THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
- 3. ELEVATIONS REFER TO CAMBRIDGE CITY BASE.
- 4. A PROPERTY LINE SURVEY HAS NOT BEEN PERFORMED. THE LOCATION OF ALL RIGHT-OF-WAY AND PROPERTY LINES ARE CONSIDERED APPROXIMATE.
- 5. THE CONTRACTOR SHALL NOTIFY, IN WRITING, ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES PRIOR TO EXCAVATION WORK AND CALL "DIG-SAFE" AT 1-800-322-4844, AT LEAST 72 HOURS PRIOR TO COMMENCING WORK.
- 6. ALL FEES AND PERMITS SHALL BE PAID FOR BY THE CONTRACTOR.
- 7. THE CONTRACTOR SHALL SECURE THE WORK AREA AT THE END OF EACH WORK DAY.
- 8. CONTRACTOR SHALL DISPOSE OF ALL DEMOLISHED MATERIAL, RUBBISH AND DEBRIS IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS HAVING JURISDICTION.
- 9. CONTRACTOR SHALL RESTORE TO THEIR ORIGINAL CONDITION ANY AREAS ADJACENT TO AND OUTSIDE THE LIMIT OF WORK WHICH ARE DISTURBED DURING CONSTRUCTION, AT THE CONTRACTOR'S OWN EXPENSE.
- 10. UTILITY SERVICES SHALL BE MAINTAINED AT ALL TIMES.
- 11. CONTRACTOR SHALL SAW-CUT ALL EDGES OF PAVING WHERE PAVEMENT IS TO BE REMOVED AND WHERE A NEW PAVEMENT IS TO ABUT EXISTING PAVEMENT.
- 12. CONTRACTOR SHALL PROVIDE EXPANSION JOINTS IN CONCRETE WALKS WHERE WALKS ABUT BUILDING WALLS AND/OR EXISTING WALKS.
- 13. CONTRACTOR SHALL PROVIDE UNIFORM SLOPE BETWEEN SPOT GRADES AND CONTOURS.
- 14. CONTRACTOR SHALL ADJUST ALL EXISTING PUBLIC UTILITY CASTINGS WITHIN LIMIT OF WORK TO LINE AND GRADE, UNLESS OTHERWISE NOTED.
- 15. CONTRACTOR SHALL PROVIDE A STAKED LAYOUT ON SITE FOR ENGINEER'S REVIEW PRIOR TO COMMENCING
- 16. LABELED DIMENSIONS SHALL SUPERCEDE SCALED DIMENSIONS FOR ALL LAYOUT WORK.
- 17. AT ALL LOCATIONS, STATION AND OFFSETS ARE GIVEN TO "REVEAL SIDE" OF CURB OR EDGE OF PAVEMENT AS APPROPRIATE.
- 18. ALL LINES ARE PARALLEL OR PERPENDICULAR UNLESS OTHERWISE INDICATED.
- 19. SIGNING REQUIRED FOR CONSTRUCTION ZONES AND CONSTRUCTION TRAFFIC MANAGEMENT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). SIGNING AND OTHER TRAFFIC MANAGEMENT DEVICES SHALL BE MAINTAINED IN A CONDITION ACCEPTABLE TO THE ENGINEER THROUGHOUT CONSTRUCTION.
- 20. THE LIMIT OF WORK SHALL BE AT THE PROPERTY AND LAYOUT LINES UNLESS OTHERWISE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER.
- 21. "DON'T DUMP" PLACARDS SHALL BE INSTALLED AT ALL EXISTING AND PROPOSED CATCH BASINS THAT ARE ADJACENT TO SIDEWALKS RECONSTRUCTED UNDER THIS CONTRACT. PLACARDS WILL BE FURNISHED BY THE CITY AT NO COST TO THE CONTRACTOR.
- 22. ALL EXISTING GRANITE CURB WITHIN THE PROJECT LIMITS DESIGNATED BY THE ENGINEER AS SUITABLE FOR REUSE SHALL BE REMOVED AND RESET.
- 23. IN ALL AREAS OF NEW SIDEWALK CONSTRUCTION, THE CONTRACTOR SHALL REMOVE AND DISPOSE ALL EXISTING BITUMINOUS CONCRETE MATERIAL WITHIN THE PLAN LIMITS OF THE PROPOSED SIDEWALK OR AS OTHERWISE INTERFERES WITH THE PROPOSED WORK.
- 24. ALL EXISTING TREES SHALL BE PRESERVED, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER SEE SPECIFICATIONS.
- 25. ALL PRIVATE UTILITY STRUCTURES SHALL BE ADJUSTED BY OTHERS AS REQUIRED. CONTRACTOR SHALL COORDINATE WORK BY OTHERS. COORDINATION WITH OTHERS IS CONSIDERED INCIDENTAL TO THE WORK.
- 26. ALL WORK ON FRESH POND GOLF COURSE SHALL BE COORDINATED THROUGH CAMBRIDGE WATER DEPARTMENT. SEE SPECIFICATIONS.

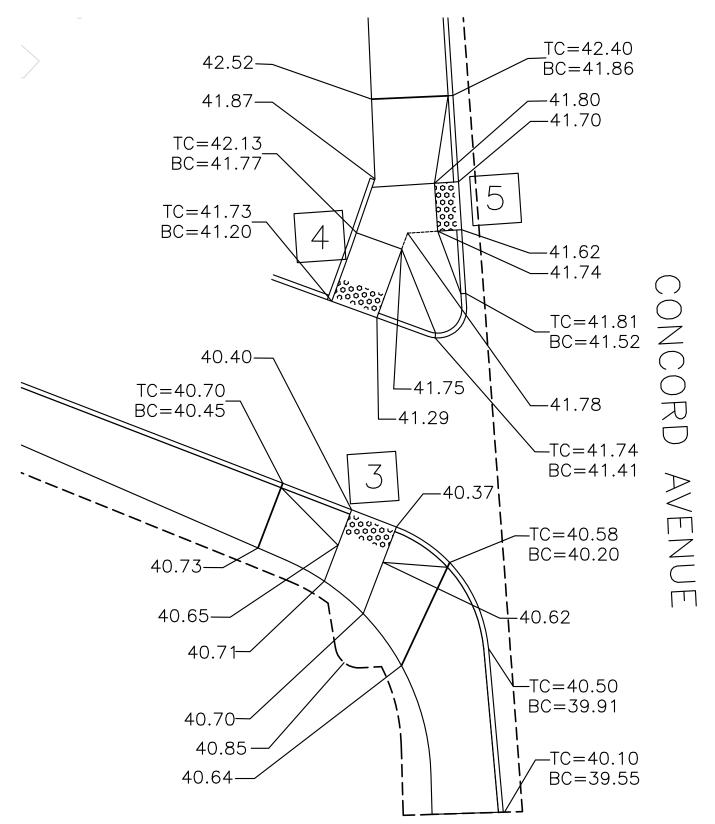
# TRUNCATED DOME DETECTION PANEL (TYP) (SEE SPECIFICATIONS) TYPE 1





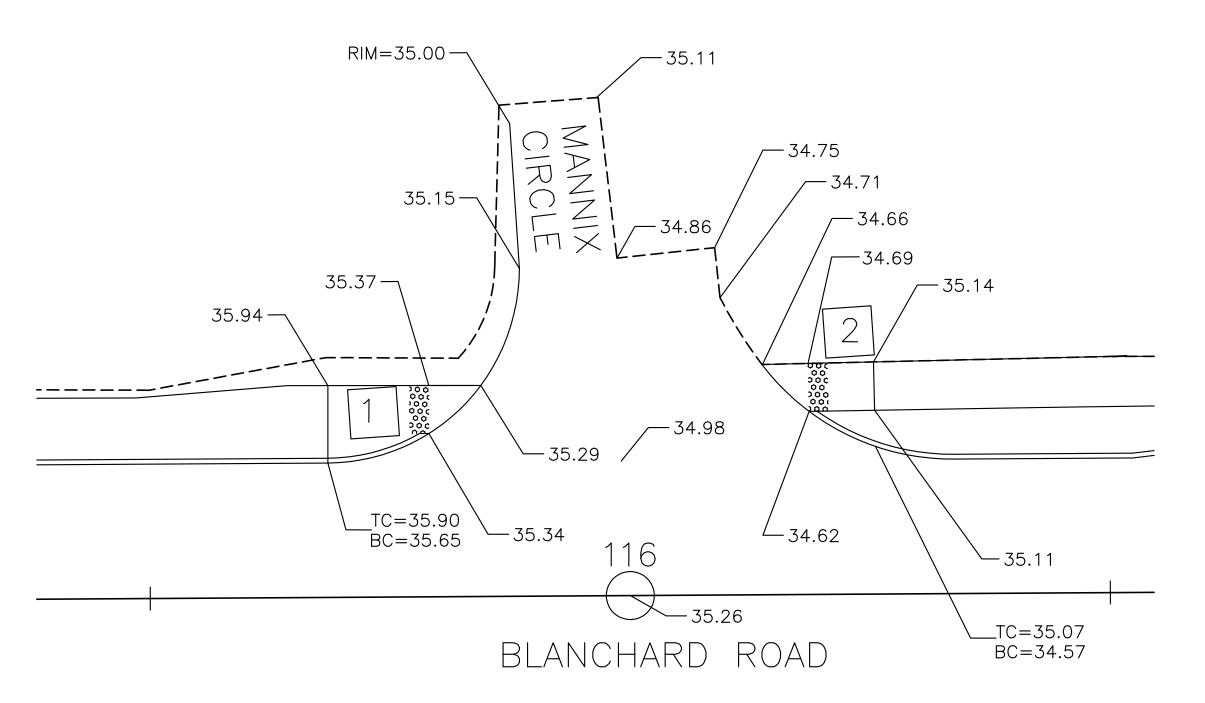
RAMP TYPES





#### RAMP GEOMETRIC DATA

		STATION/OFFSET	TRANS	LENGTH	RAMP W	RAMP L	LANDING L	
RAMP		(MIDPOINT OF RAMP	Α	C	В	D	E	F
NO.	TYPE	AT GUTTER LINE)		(C1-C2)		(D1-D2)		
				•				
1	TYPE 5	115+82.85, 19.98 L	N/A	N/A	5.0'	10.5	N/A	N/A
2	TYPE 5	116+16.20, 21.27 L	N/A	N/A	5.0'	6.8	N/A	N/A
3	TYPE 1	120+08.00, 84.73 R	6.5	7.7'	5.0'	3.4	4.0'	5.7'
4	TYPE 1	120+15.67, 64.27 R	N/A	6.5	5.0'	6.0'	6.0'	2.8'
5	TYPE 1	120+30.29, 59.37 R	6.5	9.0'	5.0'	2.0'	3.1'	6.5
6	TYPE 1	120+38.94, 15.00 R	6.5	N/A	5.0'	6.5	4.0'	4.0'
7	TYPE 6	120+50.05, 25.86 L	6.5	14.0'	5.0'	N/A	N/A	N/A



RAMP GRADING

SCALE 1"=10'

#### PEDESTRIAN RAMP DETAILS

NOTE: ADDITIONAL CONSTRUCTION DETAILS ARE LOCATED IN SECTIONS 00910 AND 00950 OF THE SPECIFICATIONS.

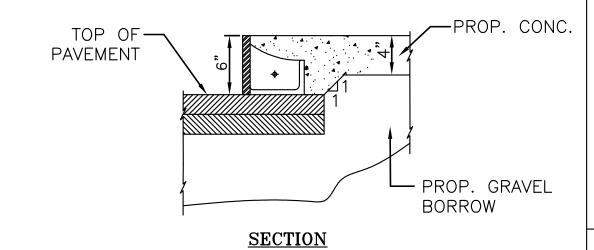


			TIDIX Eligine	sering, ii	10.			
695	Atlant	tic	Avenue,	Bost	ton,	$\mathbf{M}_{2}$	A 021	11
TEL:	(617)	35	7-7700	FAX:	(617	7)	357-77	59

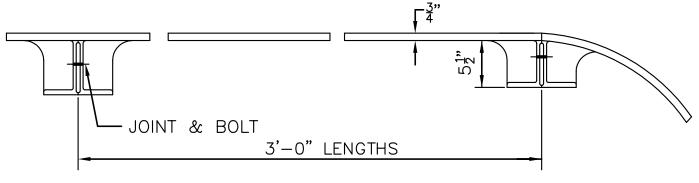
		Scale Date	AS NOTED 7/1/08	CITY OF CAMBRIDGE, MASSACHUSETTS	Sheet No.
		Job No.  Designed by	53275 , PFB	RECONSTRUCTION OF BLANCHARD ROAD	Total Sheets
O No.	AS-BID DESCRIPTION	 Drawn by Checked by	PFB GMF	CONSTRUCTION DETAILS	File No.
	REVISIONS	Approved by	у	SHEET 1 OF 4	

#### DRIVEWAY DATA

NOT TO SCALE



NTS



#### CAST IRON SIDEWALK GUARD

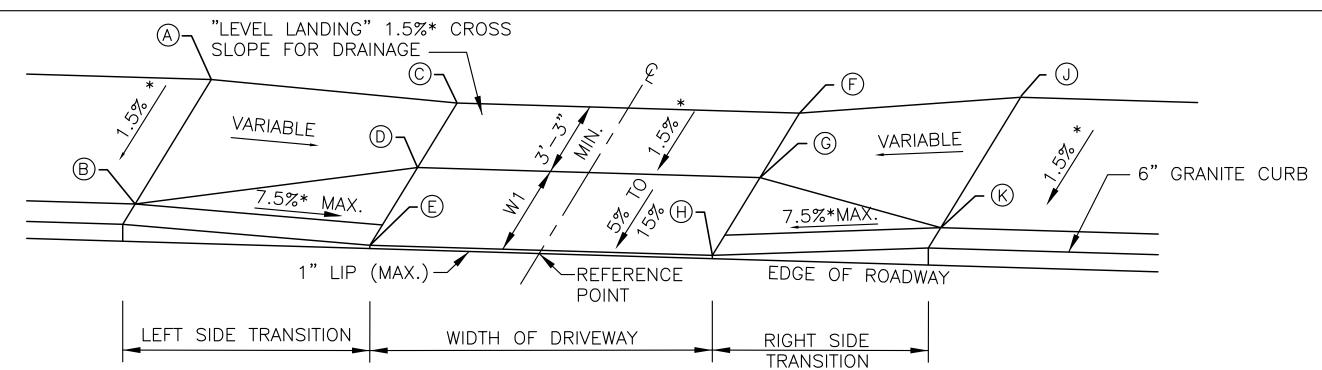
#### SCULPTURE FOUNDATION NOTES:

**ELEVATION** 

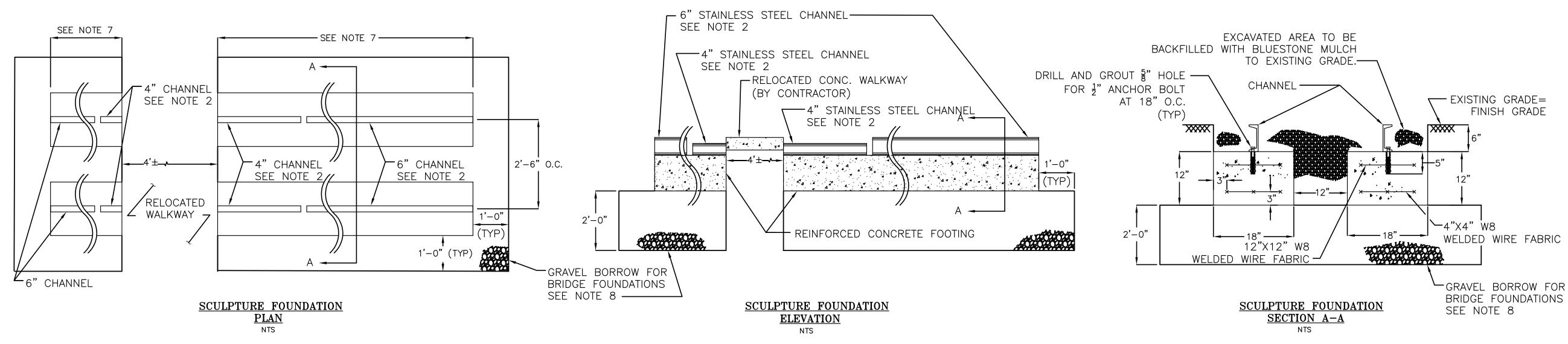
- 1. CONCRETE SHALL BE 4000 PSI, ₹ IN., 660 CEMENT CONCRETE AND SHALL BE IN ACCORDANCE WITH ALL REQUIREMENTS OF THE MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS.
- 2. STAINLESS STEEL CHANNELS ARE TO BE PROVIDED BY PROJECT ARTIST AND INSTALLED BY CONTRACTOR.
- 3. WELDED WIRE FABRIC SHALL BE ASTM A185, GRADE 60.
- 4. ALL BOLTS SHALL BE ASTM A325 STEEL, GALVANIZED.
- 5. GAP BETWEEN ANCHOR BOLT HEAD AND CHANNEL FLANGE SHALL BE SHIMMED SO CONTACT AREA IS FLUSH.
- 6. ANCHOR BOLT GROUT SHALL BE KELKEN KELIGROUT OR EQUAL APPROVED BY ENGINEER.
- 7. FOOTING LENGTH AND ALIGNMENT OF RELOCATED WALKWAY TO BE COORDINATED WITH PROJECT ARTIST AND ENGINEER.
- 8. GRAVEL BORROW SHALL CONFORM TO THE MASSACHUSETTS HIGHWAY DEPARTMENT STNADARD SPECIFICATIONS SECTIONS 150.56 AND M1.03.0, TYPE A.
- 9. EXISTING GAS MAIN (NOT SHOWN) TO BE RELOCATED BY OTHERS PRIOR TO CONSTRUCTION OF FOUNDATION



\* DRIVEWAY #7 IS DESIGNED AS A WHEELCHAIR PASSING AREA. NO CHANGES MAY BE MADE WITHOUT CONSULTING THE ENGINEER

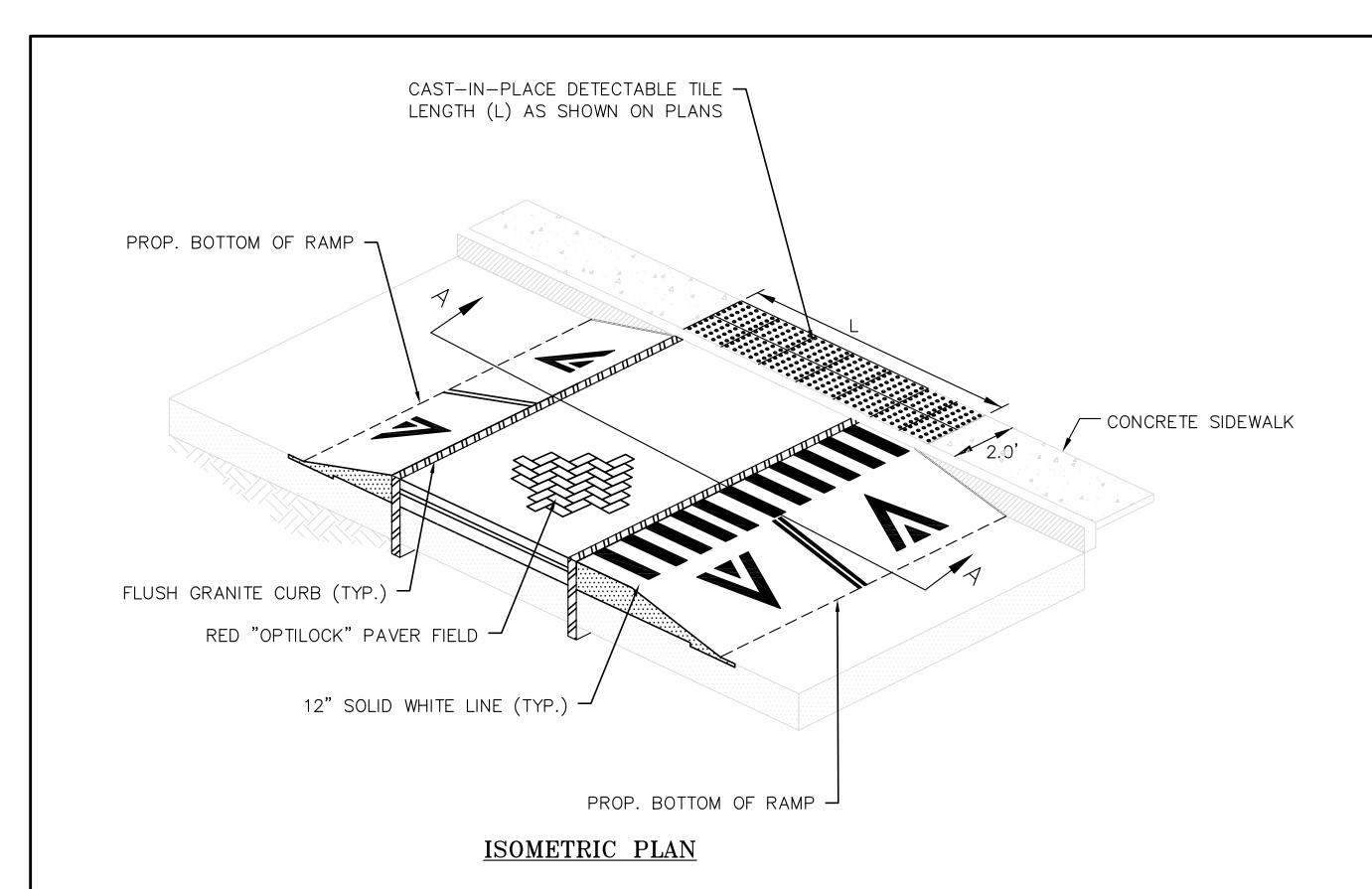


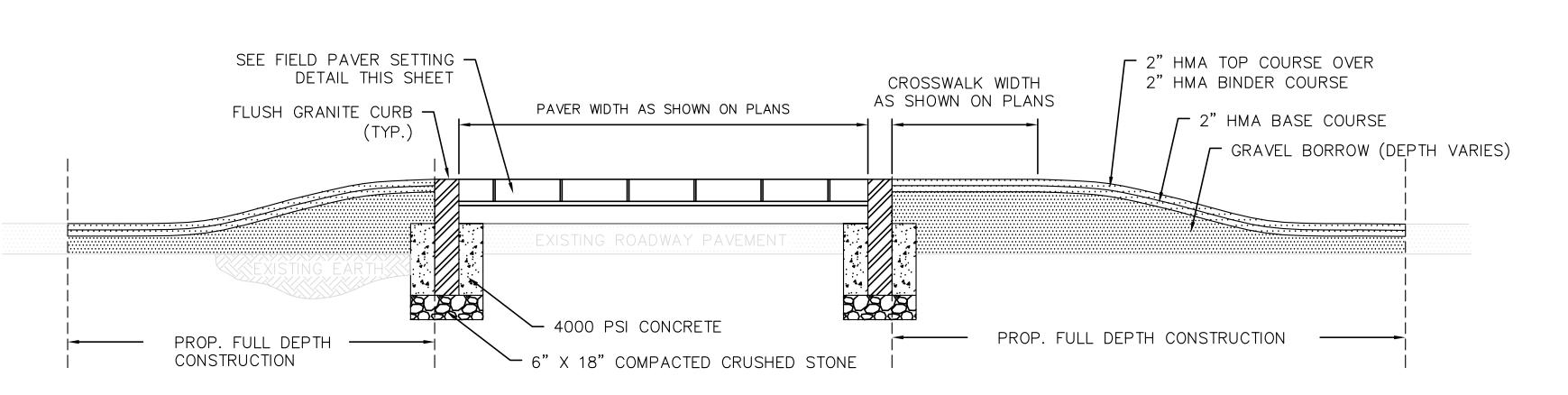
				LENGTH OF	DEPTH OF	WIDTH OF													
		DRIVE REFER	RENCE POINT	PRIMARY RAMP (W1)	LEVEL LANDING	WIDTH OF DRIVEWAY	ROADWAY GUTTER	TRANSITION	1				1 -	ELEV	ATION				
L	DRIVE #	STATION	OFFSET	(LEFT-RIGHT)	(LEFT-RIGHT)		SLOPE	LEFT SIDE	RIGHT SIDE	(A)	B	©	0	E	E	<u> </u>	H	U U	K
	1	101+43.91	14.00 R	2.00'	6.17'-6.66'	14.00	1.51	6'-6"	9'-0"	59.59	59.55	59.70	59.61	59.39	59.85	59.76	59.71	60.03	59.98
	2	102+15.99	14.00 R	2.65'-3.44'	3.25'	14.58	2.17	2'-9"	11'-0"	58.09	58.03	58.25	58.21	57.96	58.70	58.66	58.28	58.89	58.85
	3	102+45.90	14.00 R	1.31'-1.74'	3.25'	22.22	2.17	6'-6"	4'-7"	57.46	57.41	57.42	57.38	57.21	57.96	57.93	57.69	58.02	57.95
	4	103+08.30	14.93 R	1.00'-3.87	4.00'	23.29	3.40	6'-6"	14'-0"	55.48	55.43	55.42	55.40	55.10	56.24	56.21	56.14	56.91	56.87
<b>→</b>	5	104+15.86	15.04 R	2.00'	3.27'-4.14'	21.34	3.66	N/A	14'-0"	51.47	51.44	51.44	51.42	51.28	52.23	52.20	52.06	53.04	53.01
	6	105+06.43	15.25 R	2.62'-1.96'	3.25'	16.70	1.88	6'-6"	N/A	49.37	49.34	49.45	49.41	49.08	49.67	49.62	49.40	49.87	49.80
	⑦ **	105+79.66	14.91 R	0.00'	5.00'	17.05	0.04	7'-8"	9'-0"	48.92	48.89	48.57	N/A	48.50	48.51	N/A	48.44	48.75	48.72
	8	106+28.83	14.34 R	1.30'	3.25'	21.84	0.71	7'-8"	6'-6"	49.14	49.08	48.99	48.96	48.78	48.87	48.82	48.63	48.92	48.89
	9	107+15.62	14.00 R	1.51'-1.26'	3.25'	20.56	1.20	3'-0"	6'-6"	49.83	49.77	49.75	49.70	49.52	49.28	49.23	49.15	49.64	49.62
	10	107+48.27	14.00 R	2.00'	3.25'	24.71	1.20	9'-0"	2'-2"	50.51	50.46	50.02	49.98	49.86	50.02	49.98	49.74	49.91	49.83
	1)	108+77.45	14.00 R	2.26'-3.07'	4.31'-3.50'	12.99	0.68	9'-0"	6'-6"	51.70	51.67	51.45	51.40	51.17	51.43	51.39	51.08	51.39	51.36
	12	109+57.40	14.00 R	2.00'	6.59'-6.92'	20.56	0.78	6'-6"	7'-8"	51.49	51.45	51.30	51.23	51.07	51.34	51.30	51.20	51.75	51.70
	(3	110+28.77	14.00 R	4.27'-4.62'	3.5'	12.92	0.78	3'-3"	7'-8"	50.88	50.78	50.99	50.97	50.64	51.09	51.06	50.80	51.15	51.03
	14	110+55.19	14.00 R	2.43'-2.60'	5.00'	13.02	0.78	3'-3"	3'-10"	50.58	50.55	50.47	50.45	50.33	50.82	50.79	50.52	50.83	50.73
	(15)	110+85.08	14.00 R	2.00'	4.52'-5.27'	20.45	0.99	6'-6"	3'-10"	50.34	50.31	50.15	50.09	49.99	50.33	50.30	50.20	50.52	50.49
	<b>1</b> 6	112+17.08	14.00 R	2.25'-3.00'	3.25'	25.18	1.65	6'-6"	9'-0"	48.27	48.20	48.20	48.15	47.82	48.75	48.70	48.25	49.00	48.92
	$\bigcirc$	113+77.79	14.00 L	3.00'	4.57'-5.05'	11.20	4.56	15'-0"	6'-6"	44.95	44.85	44.10	44.04	43.77	43.78	43.71	43.26	43.59	43.48
	(18)	114+50.80	14.00 L	4.09'-3.89'	4.22'-4.33'	30.13	4.56	15'-0"	6'-6"	42.20	42.08	41.32	41.27	40.87	39.87	39.82	39.50	39.50	39.46
	(19)	117+08.86	14.00 L	2.00'	4.42'-5.18'	10.85	0.76	6'-6"	7'-8"	34.79	34.76	34.59	34.57	34.47	34.77	34.74	34.55	35.00	34.96
	<b>(0)</b>	117+98.00	14.13 L	3.64'-3.19'	3.25'-4.85'	52.38	2.91	6-6"	14'-0"	35.67	35.64	35.71	35.67	35.43	37.33	37.30	36.93	37.91	37.86
	2)	118+91.86	17.17 R	2.12'-2.29'	3.25'	19.05	3.05	14'-0"	6'-6"	40.46	40.39	39.86	39.81	39.49	39.35	39.30	38.96	39.29	39.22
	2)	119+37.44	16.34 L	2.05'-3.11'	3.25'	33.71	2.22	6'-6"	11'-0"	40.36	40.31	40.42	40.38	40.08	41.19	41.15	40.79	41.50	41.44



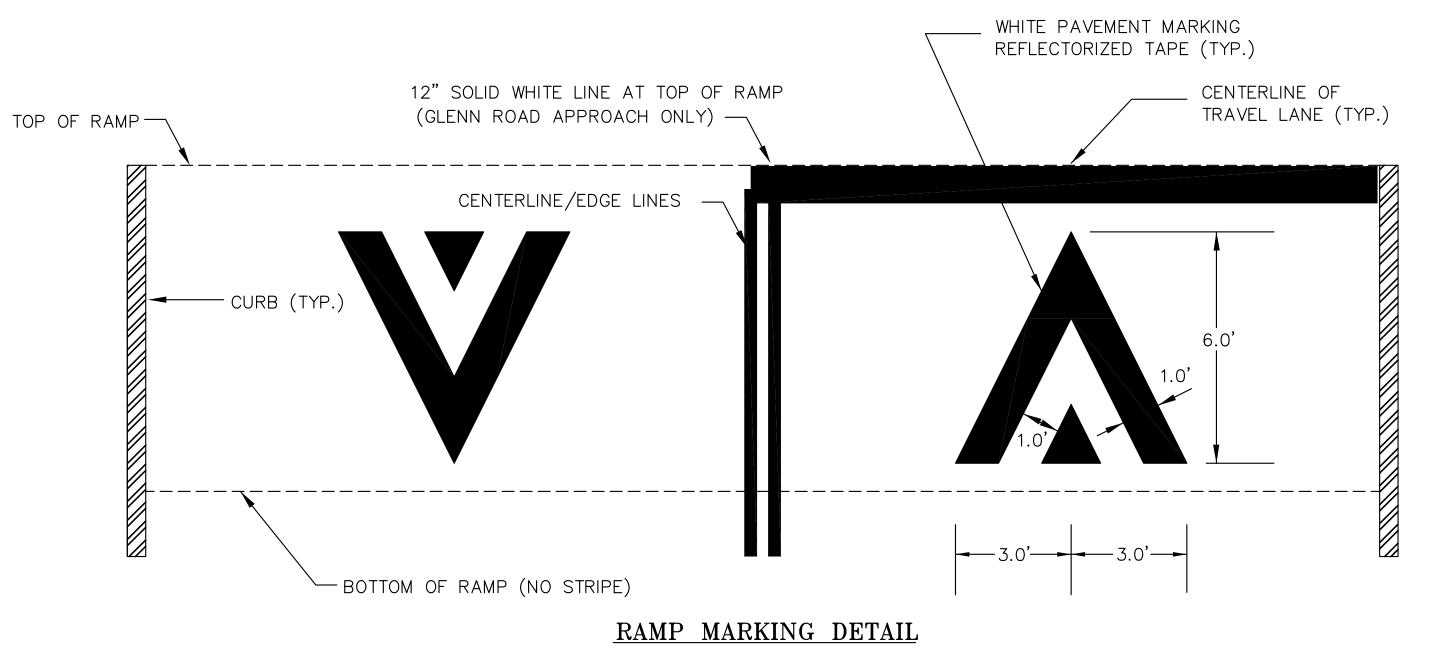


			Scale	AS NOTED	CITY OF CAMBRIDGE, MASSACHUSETTS	Sheet No.
			Date	7/1/08	CITE OF CAMBRIDGE, MASSACHOSETTS	4
			Job No.	53275		Total Sheets
			Designed by	PFB	RECONSTRUCTION OF BLANCHARD ROAD	22
0	AS-BID	7/1/08	Drawn by	PFB		
No	DESCRIPTION	DATE	Checked by	GMF	CONSTRUCTION DETAILS	File No.
	REVISIONS		Approved by	/	SHEET 2 OF 4	

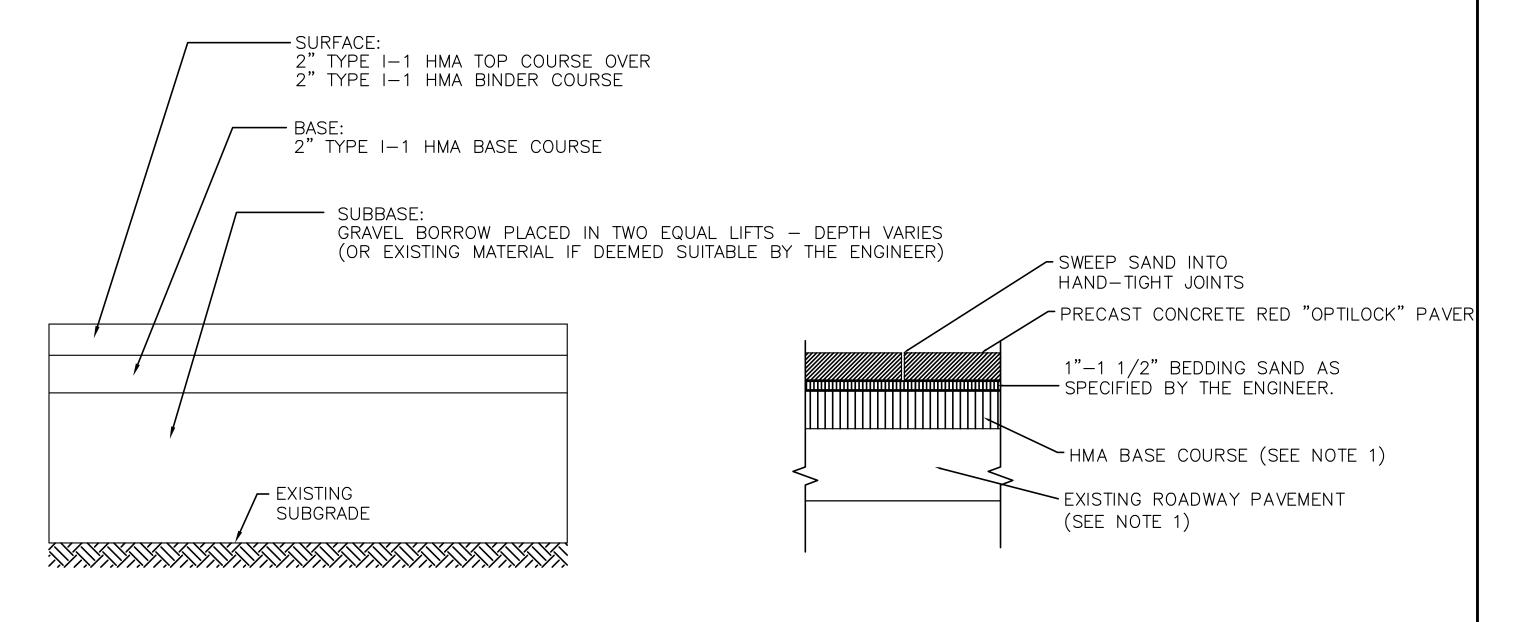




SECTION A-A



NTS



FULL-DEPTH PAVEMENT SECTION

NTS

(TO BE USED AT ALL FULL-DEPTH AREAS ON PROJECT)

"FIELD" PAVER SETTING DETAIL

NOTES:

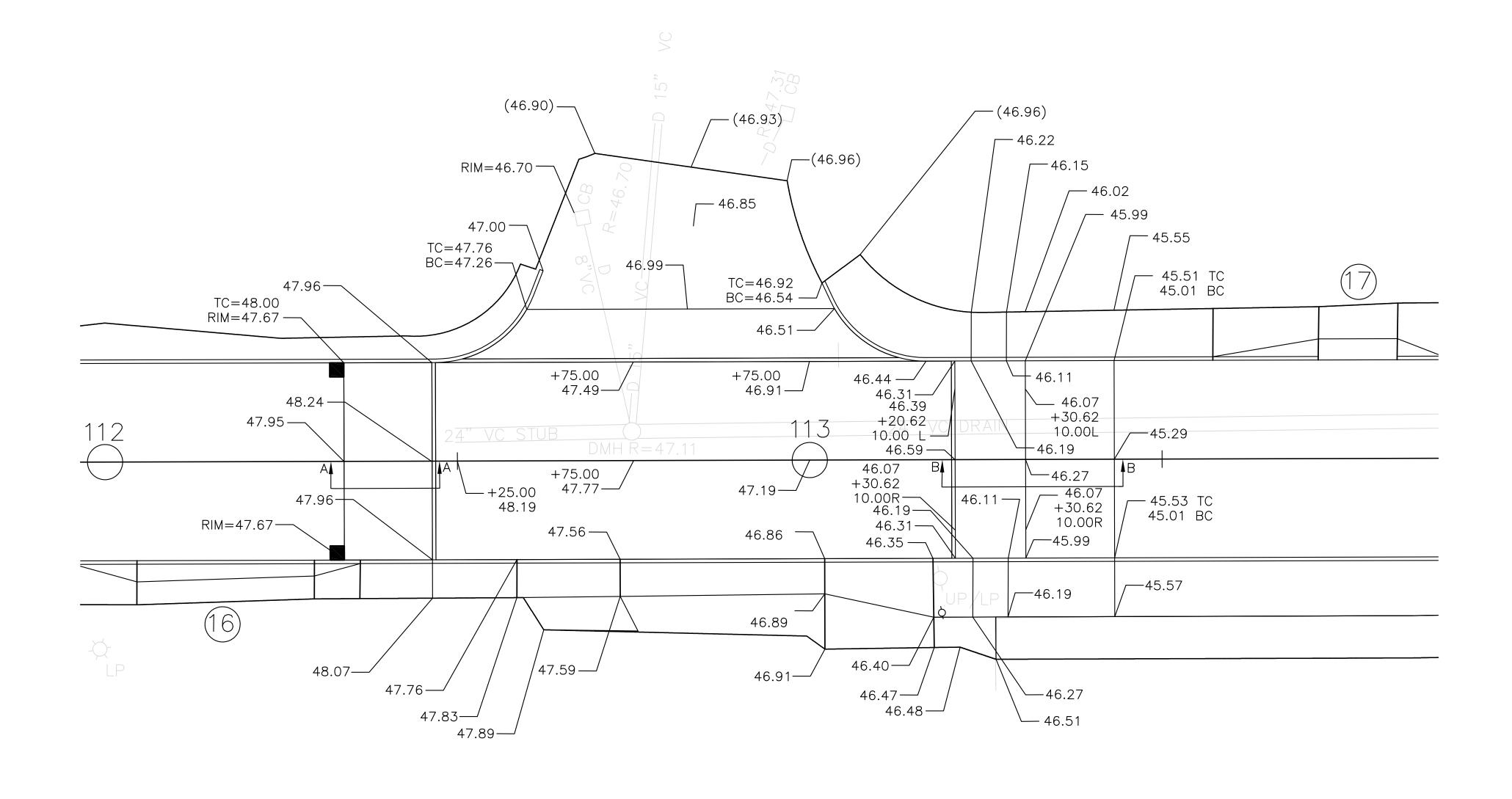
1. HMA BASE COURSE SHALL BE MINIMUM 2" DEPTH. EXISTING ROADWAY PAVEMENT SHALL BE PLANED AS REQUIRED IN ORDER TO PROVIDE MINIMUM 2" DEPTH FOR THE HMA BASE COURSE.

2. FOR RAISED INTERSECTION PROFILE AND ELEVATIONS SEE DETAIL GRADING SHEET 6.

#### RAISED INTERSECTION WITH CROSSWALK DETAILS



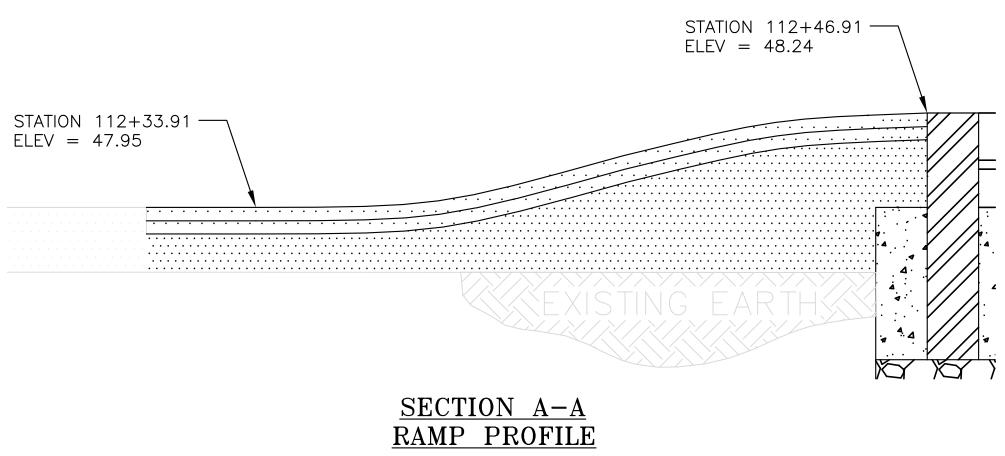
1 1		1		40 NOTED		0
			Scale	AS NOTED	CITY OF CAMBRIDGE, MASSACHUSETTS	Sheet No.
			Date	7/1/08	CITI OF CAMBRIDGE, MASSACHUSETTS	5
1			Job No.	53275		Total Sheets
			Designed by	PFB	RECONSTRUCTION OF BLANCHARD ROAD	22
0	AS-BID	7/1/08	Drawn by	PFB		
No.	DESCRIPTION	DATE	Checked by	GMF	CONSTRUCTION DETAILS	File No.
	REVISIONS		Approved by	1	SHEET 3 OF 4	



### GLENN ROAD AT BLANCHARD ROAD RAISED INTERSECTION — DETAIL GRADING PLAN

SCALE: 1"=10'(XX.XX) = EXISTING GRADE TO BE MATCHED

	RAMP PROFILE	SECTION A-A
	<b>Q</b> ELEVATION	STATION
	47.95	112+33.91
	47.95	112+34.91
CTATION 110	47.97	112+35.91
STATION 112 $ELEV = 47.9$	49.99	112+36.91
LLLV — +/.S	48.01	112+37.91
	48.04	112+38.91
	48.08	112+39.91
	48.11	112+40.91
	48.14	112+41.91
	48.18	112+42.91
	48.20	112+43.91
	48.22	112+44.91
	48.23	112+45.91
	48.24	112+46.91



N.T.S.

$\int$ STATION 113+20.62 $\int$ STATION 113+30.62 $f$ ELEV = 46.27	
,4///,4	
CECTION D D	

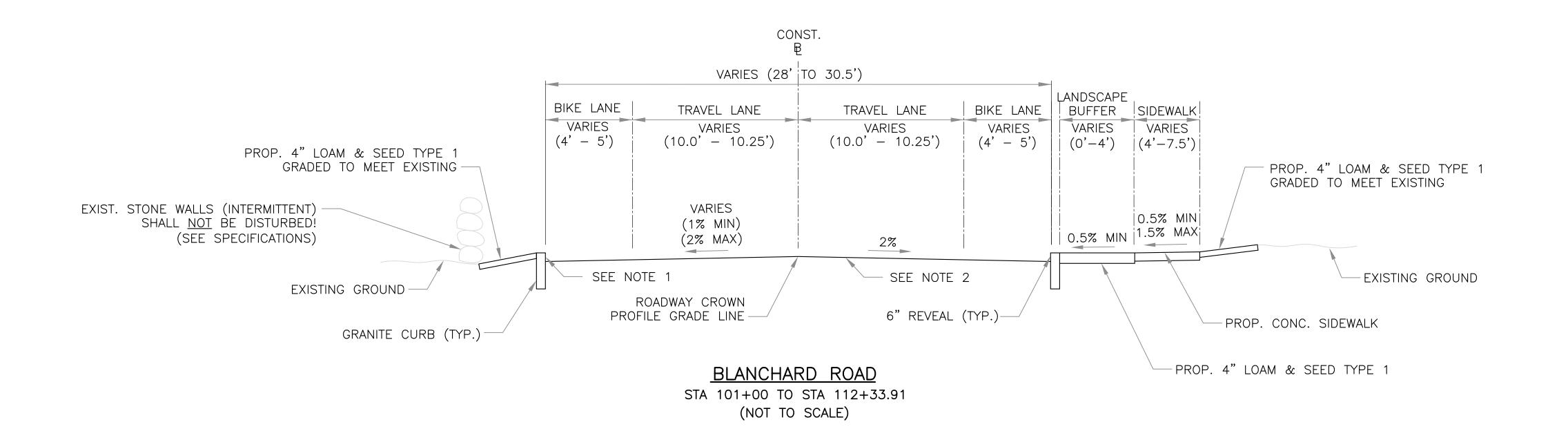
SECTION	B-B RAMP PROFILE
STATION	€ ELEVATION
113+30.62	2 46.27
113+31.62	2 46.25
113+32.62	2 46.21
113+33.62	2 46.14
113+34.62	2 46.05
113+35.62	2 45.95
113+36.62	2 45.83
113+37.62	2 45.72
113+38.62	2 45.60
113+39.62	2 45.50
113+40.62	2 45.41
113+41.62	2 45.35
113+42.62	2 45.30
113+43.62	2 45.29

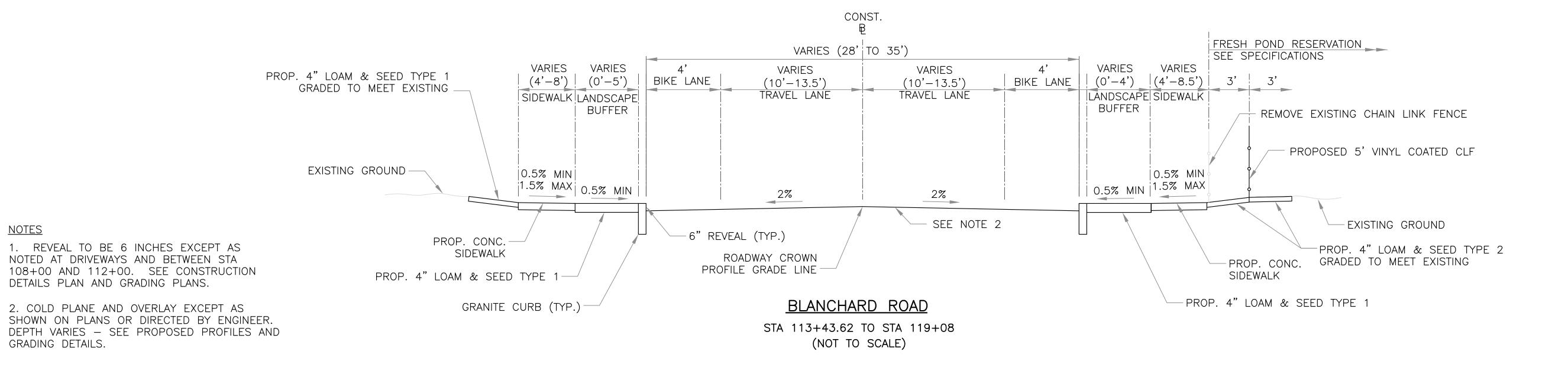
## SECTION B-B RAMP & CROSSWALK PROFILE

HDR Engineering, Inc.

695 Atlantic Avenue,	Boston, MA 02111	
TEL: (617) 357-7700	•	

		Scale Date	AS NOTED 7/1/08	CITY OF CAMBRIDGE, MASSACHUSETTS	Sheet No.
	10. 505	Job No.  Designed by		RECONSTRUCTION OF BLANCHARD ROAD	Total Sheets
No		Drawn by Checked by Approved by		CONSTRUCTION DETAILS SHEET 4 OF 4	File No.



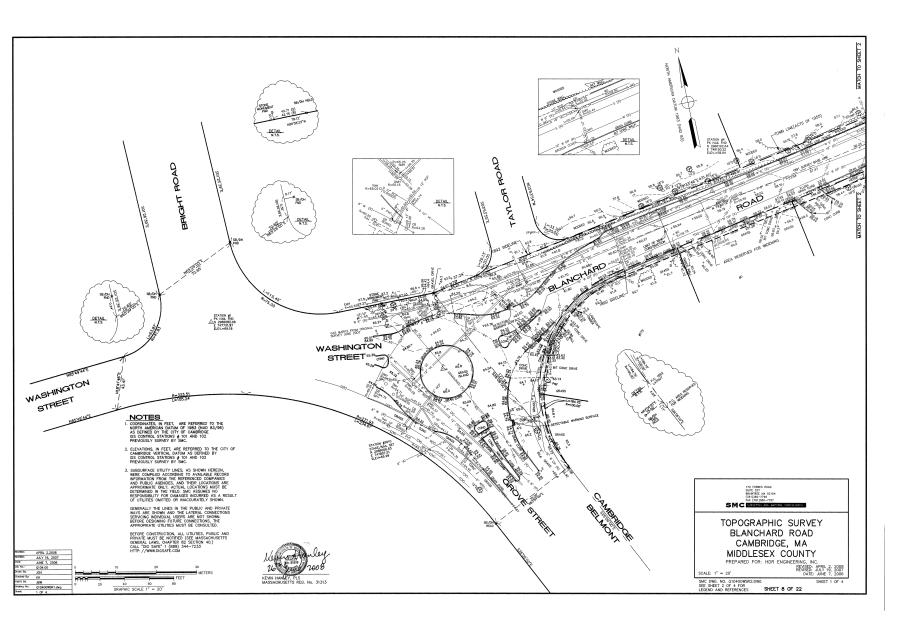


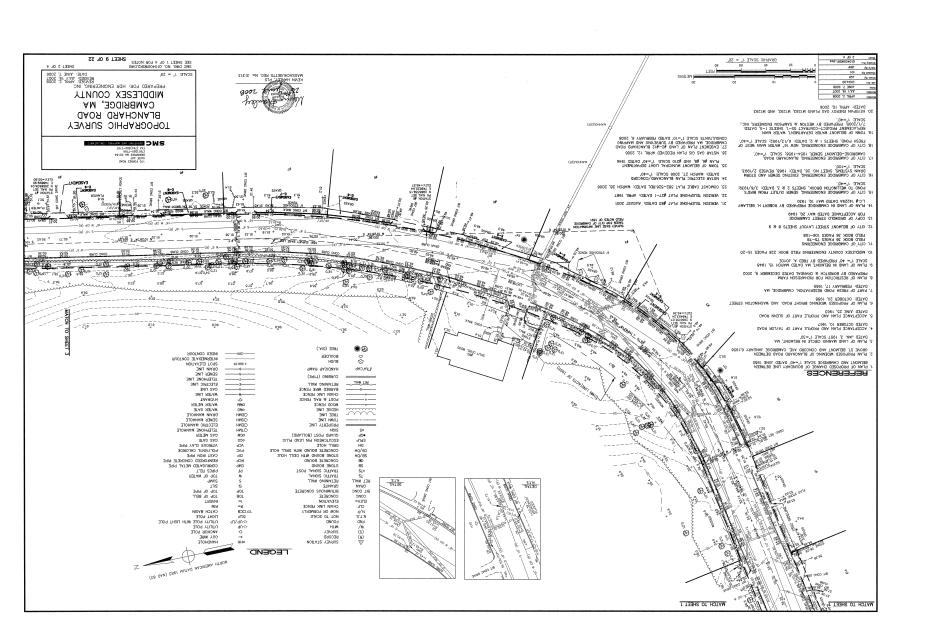


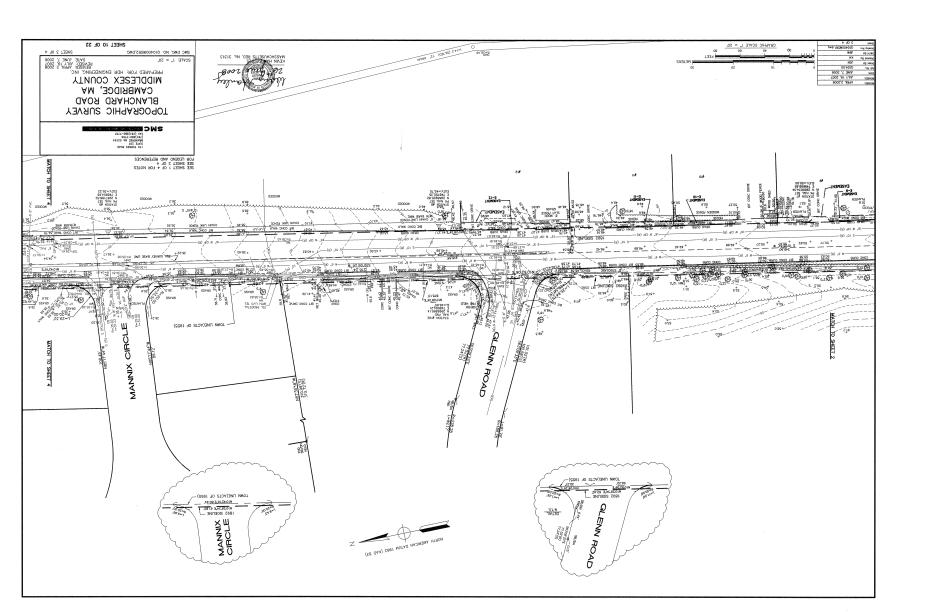
<u>NOTES</u>

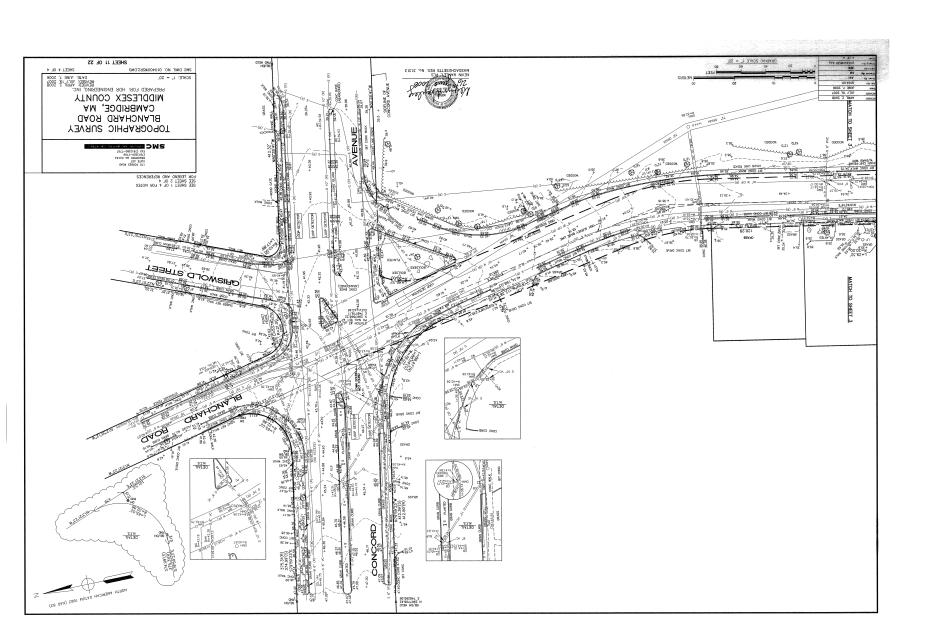
GRADING DETAILS.

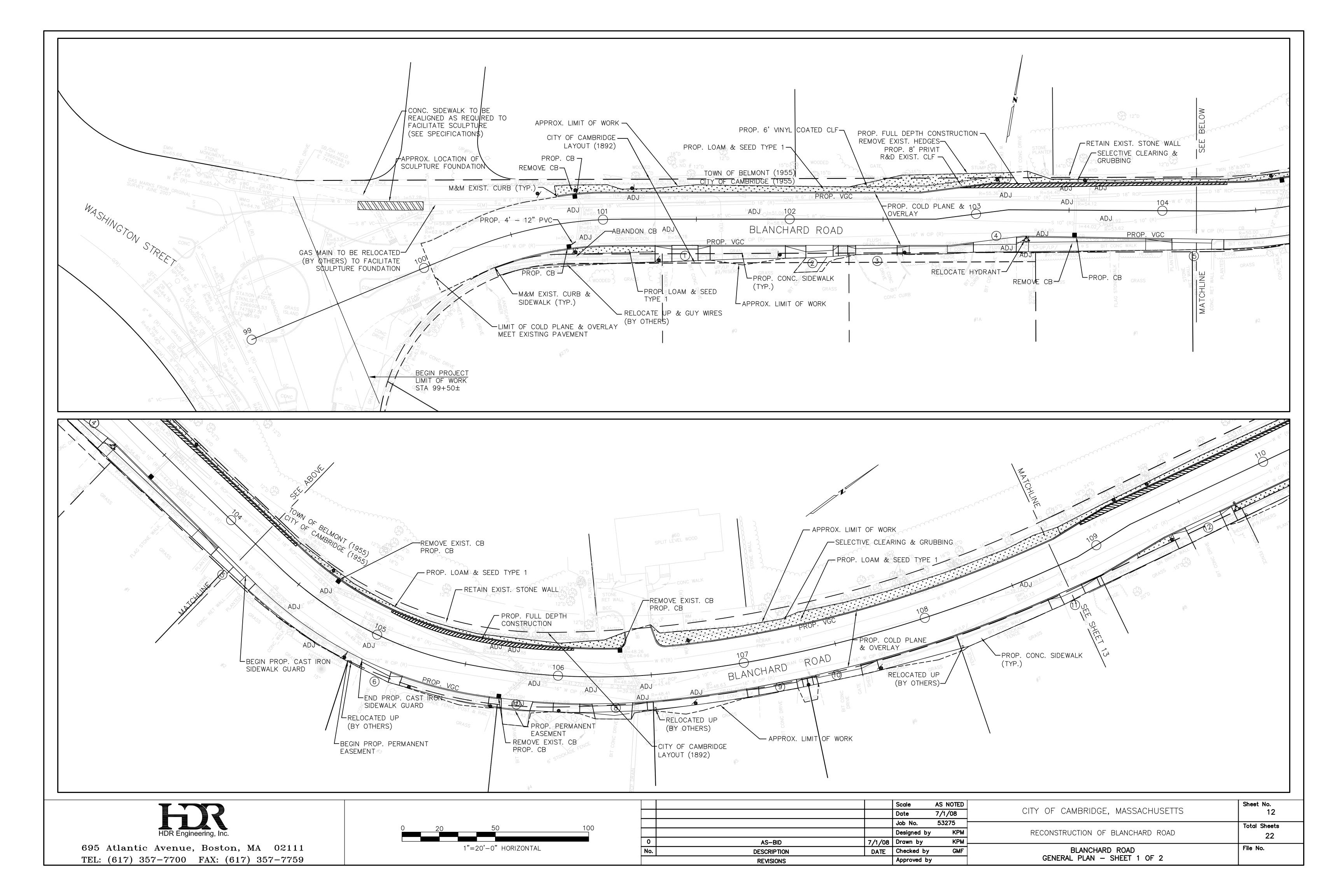
			Scale	AS NOTED		Sheet No
			Date	7/1/08	CITY OF CAMBRIDGE, MASSACHUSETTS	7
			Job No.	53275		Total Sheets
			Designed by	KPM	RECONSTRUCTION OF BLANCHARD ROAD	22
0	AS-BID	7/1/08	Drawn by	KPM .		
No.	DESCRIPTION	DATE	Checked by	GMF	BLANCHARD ROAD	File No.
REVISIONS				/	TYPICAL SECTIONS	

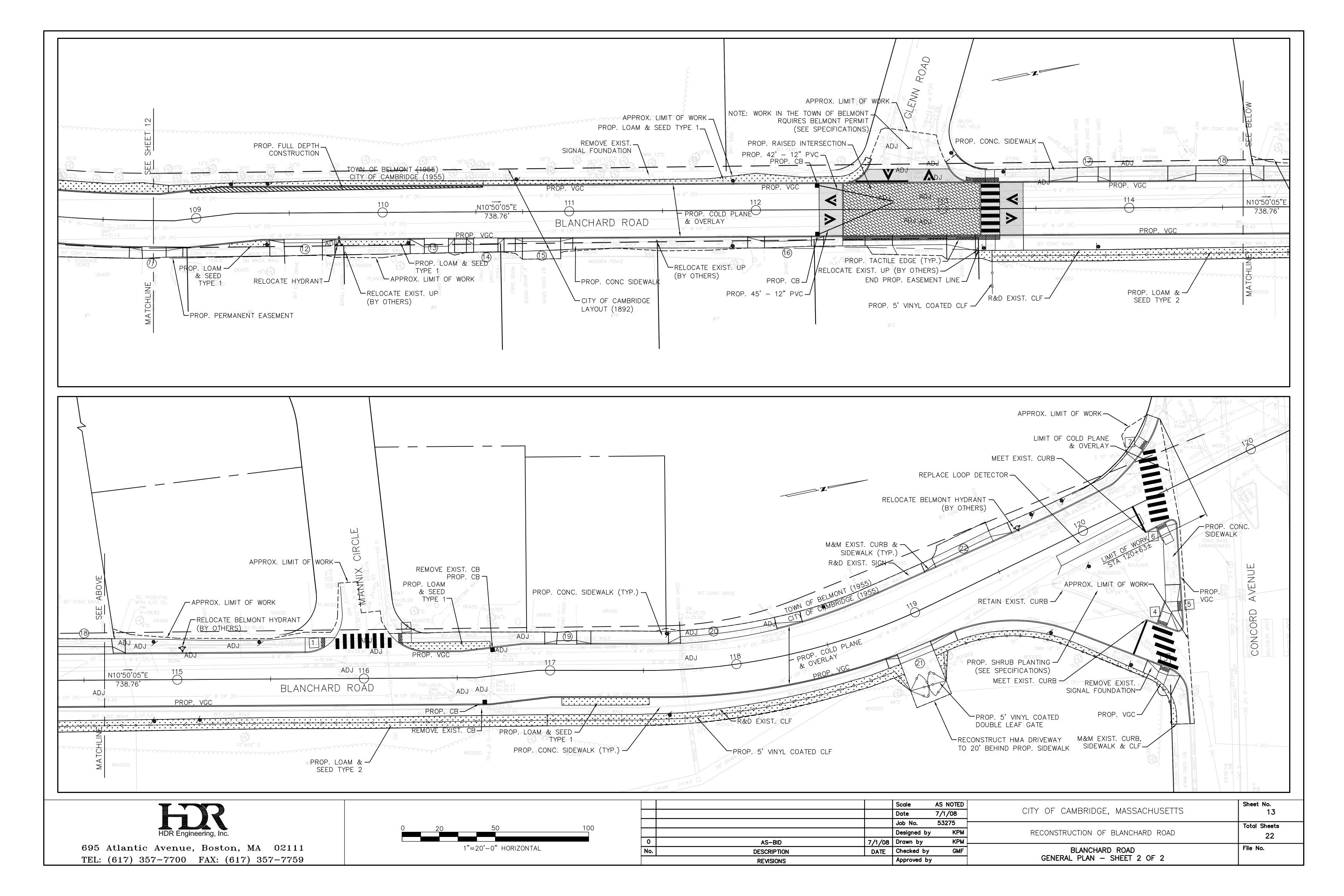


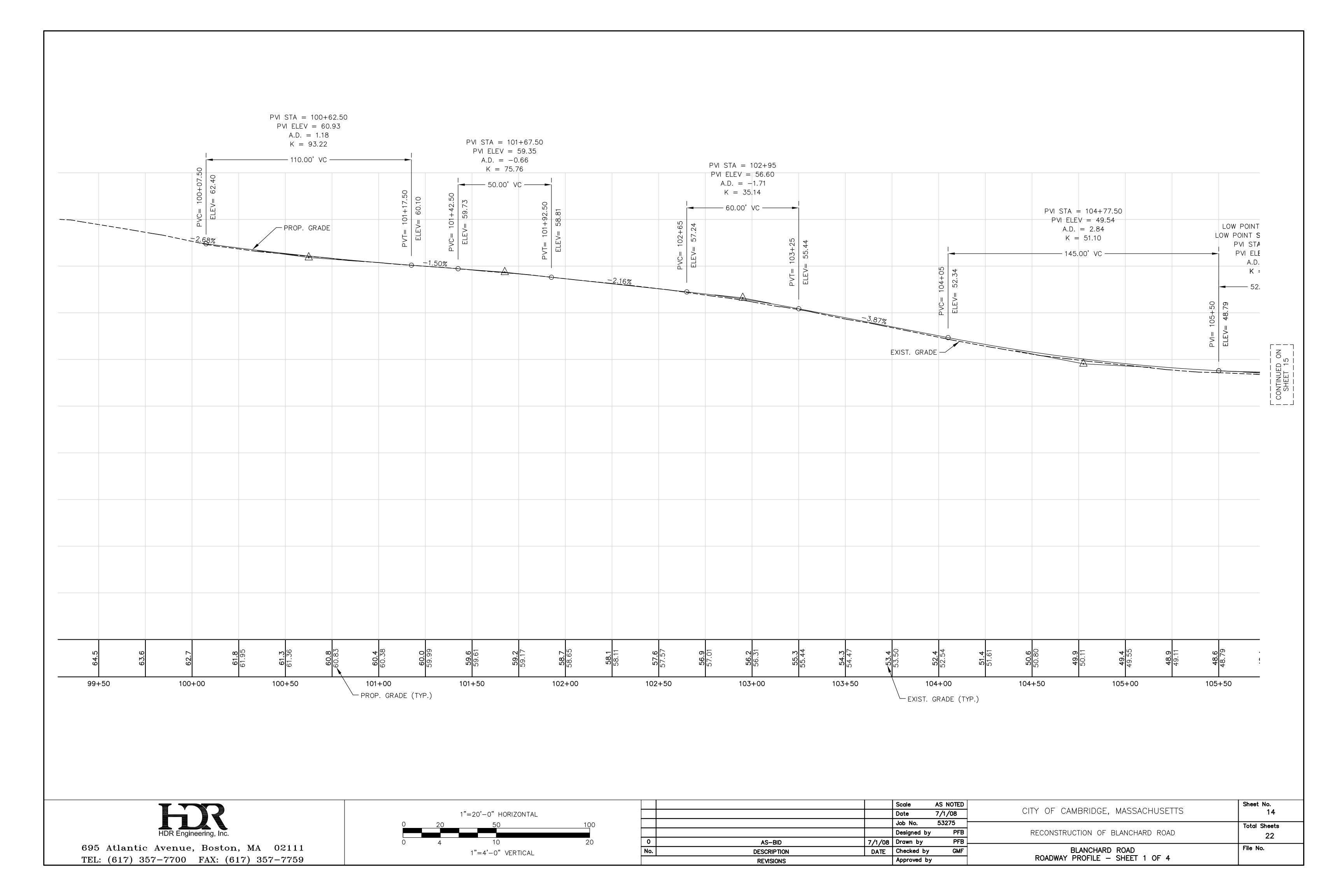


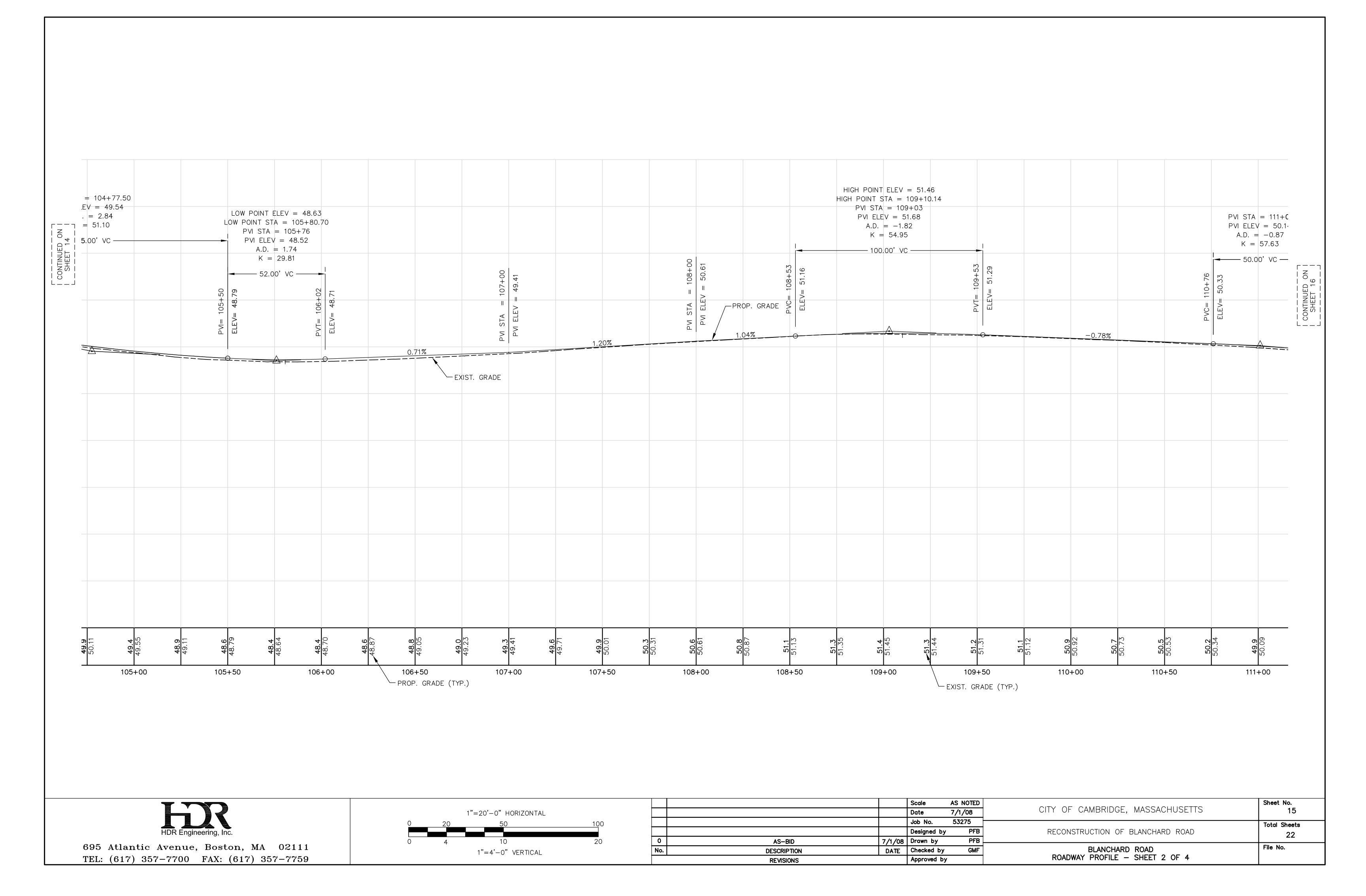


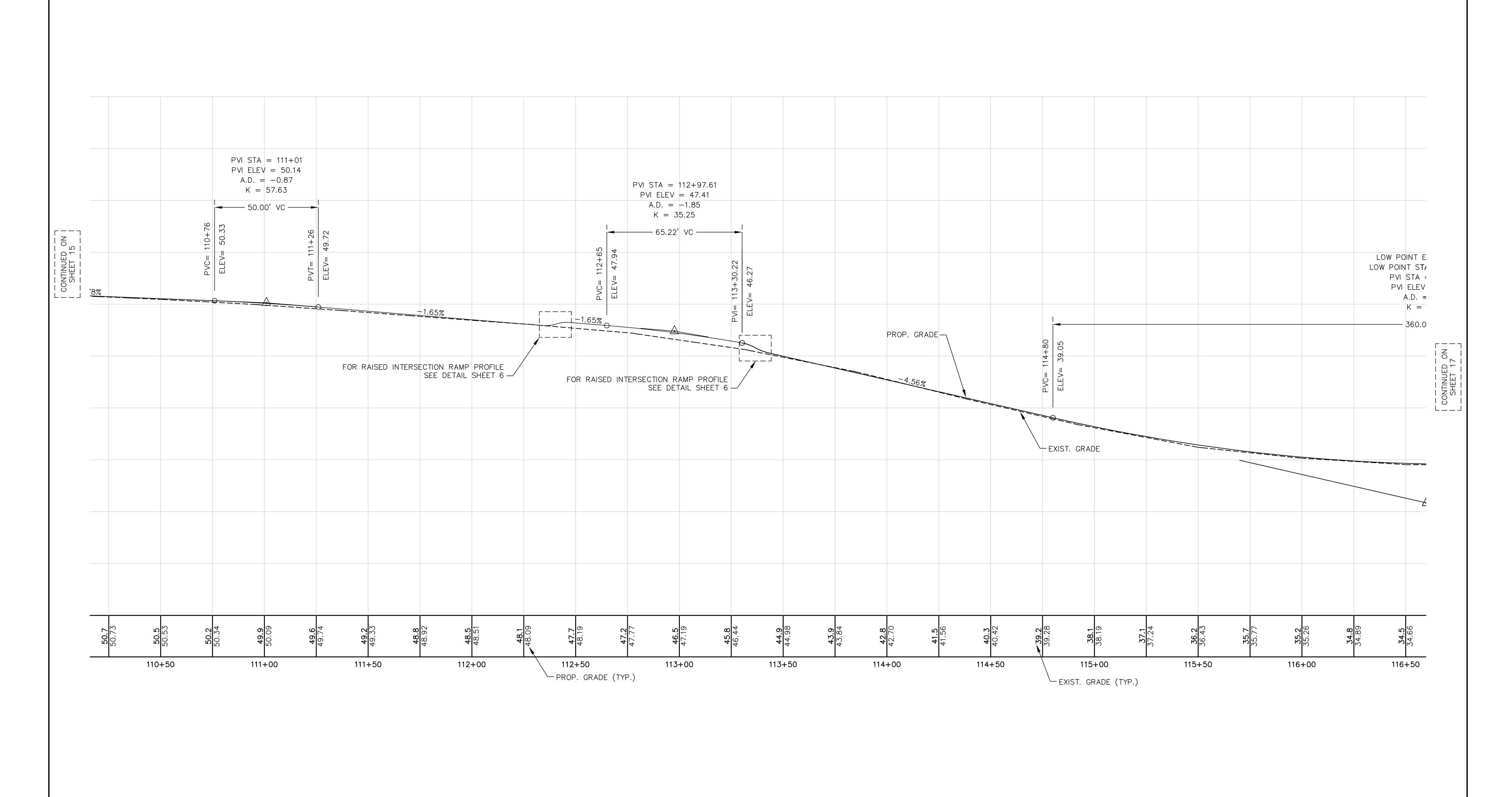




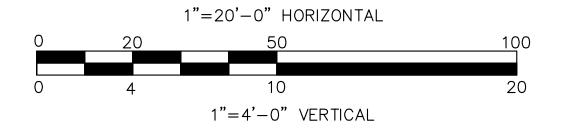




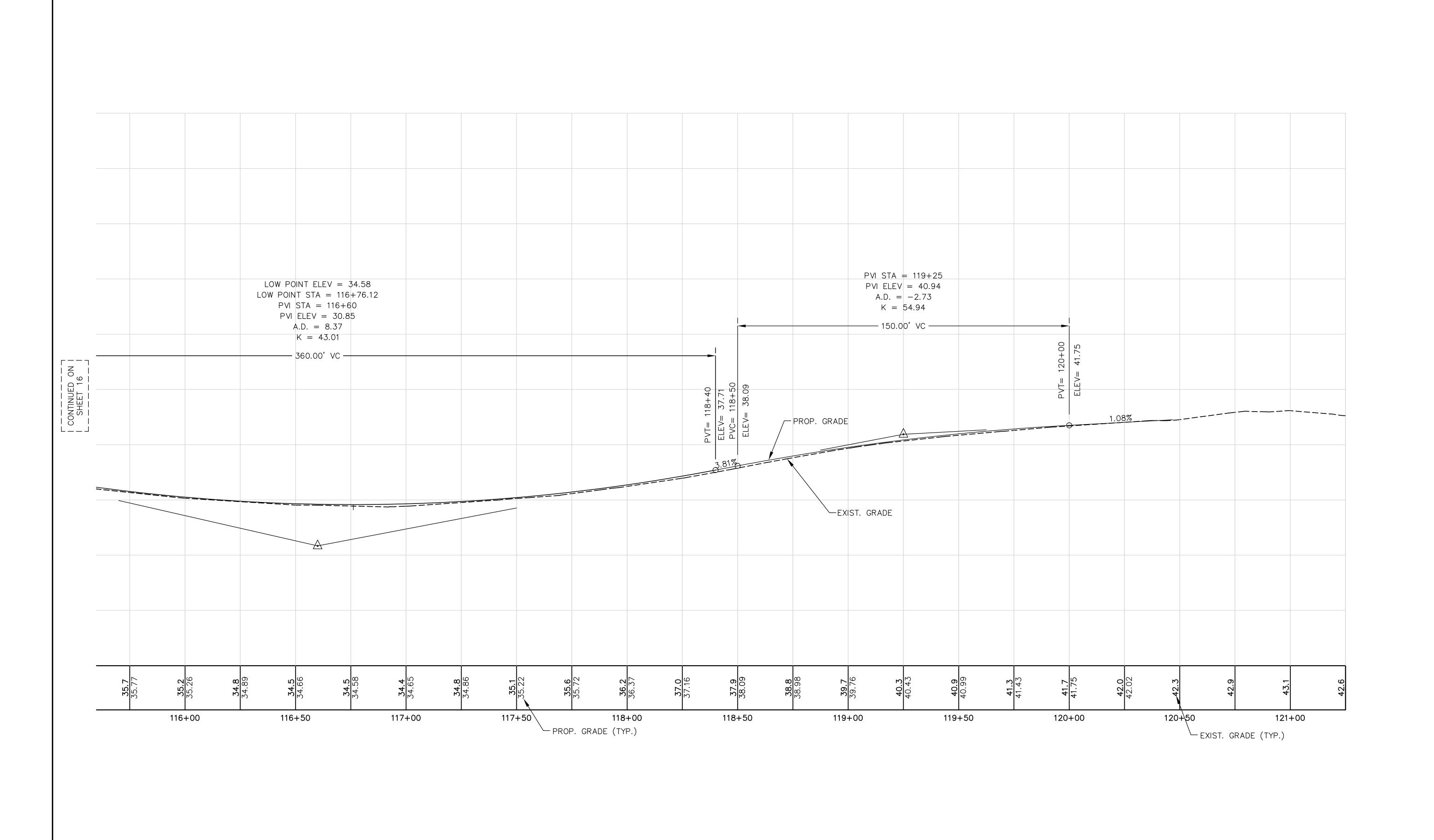




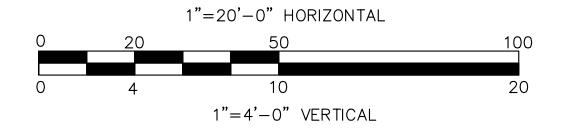




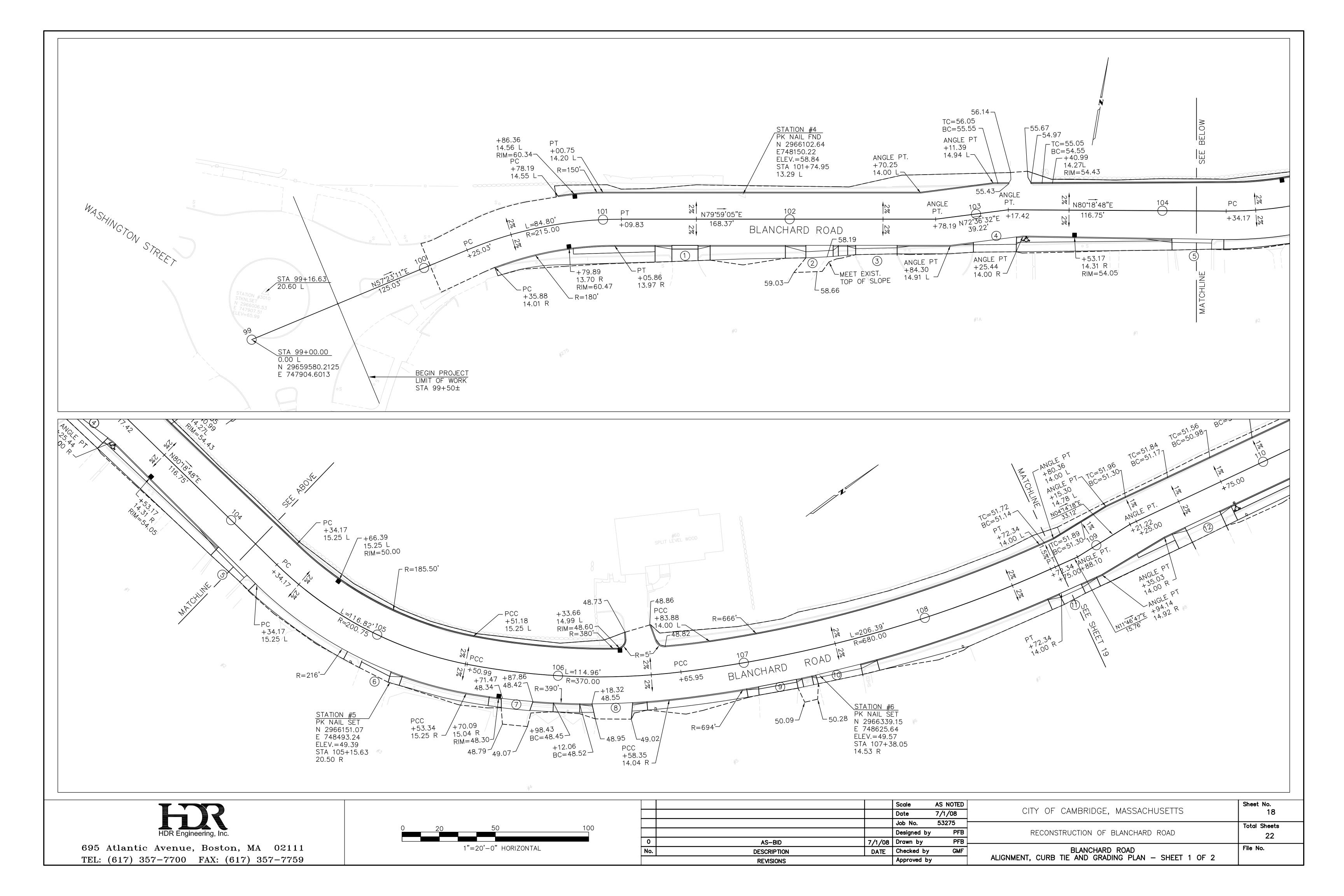
		Scale	AS NOTED		Sheet No.
		Date	7/1/08	CITY OF CAMBRIDGE, MASSACHUSETTS	16
		Job No.	53275		Total Sheets
		Designed by	PFB	RECONSTRUCTION OF BLANCHARD ROAD	22
AS-BID	7/1/08	Drawn by	PFB		
DESCRIPTION			GMF	BLANCHARD ROAD	File No.
REVISIONS		Approved by		ROADWAY PROFILE - SHEET 3 OF 4	
	DESCRIPTION	AS-BID 7/1/08 DESCRIPTION DATE	Date  Job No.  Designed by  AS-BID  AS-BID  DESCRIPTION  DATE  Checked by	Date         7/1/08           Job No.         53275           Designed by         PFB           AS-BID         7/1/08         Drawn by         PFB           DESCRIPTION         DATE         Checked by         GMF	Date 7/1/08  Job No. 53275  Designed by PFB  AS-BID 7/1/08 Drawn by PFB  DESCRIPTION DATE Checked by GMF  DATE Checked by GMF  DESCRIPTION DATE Checked by GMF  DATE Checked by GMF  DATE CHECKED BLANCHARD ROAD  BLANCHARD ROAD  BLANCHARD ROAD  BLANCHARD ROAD

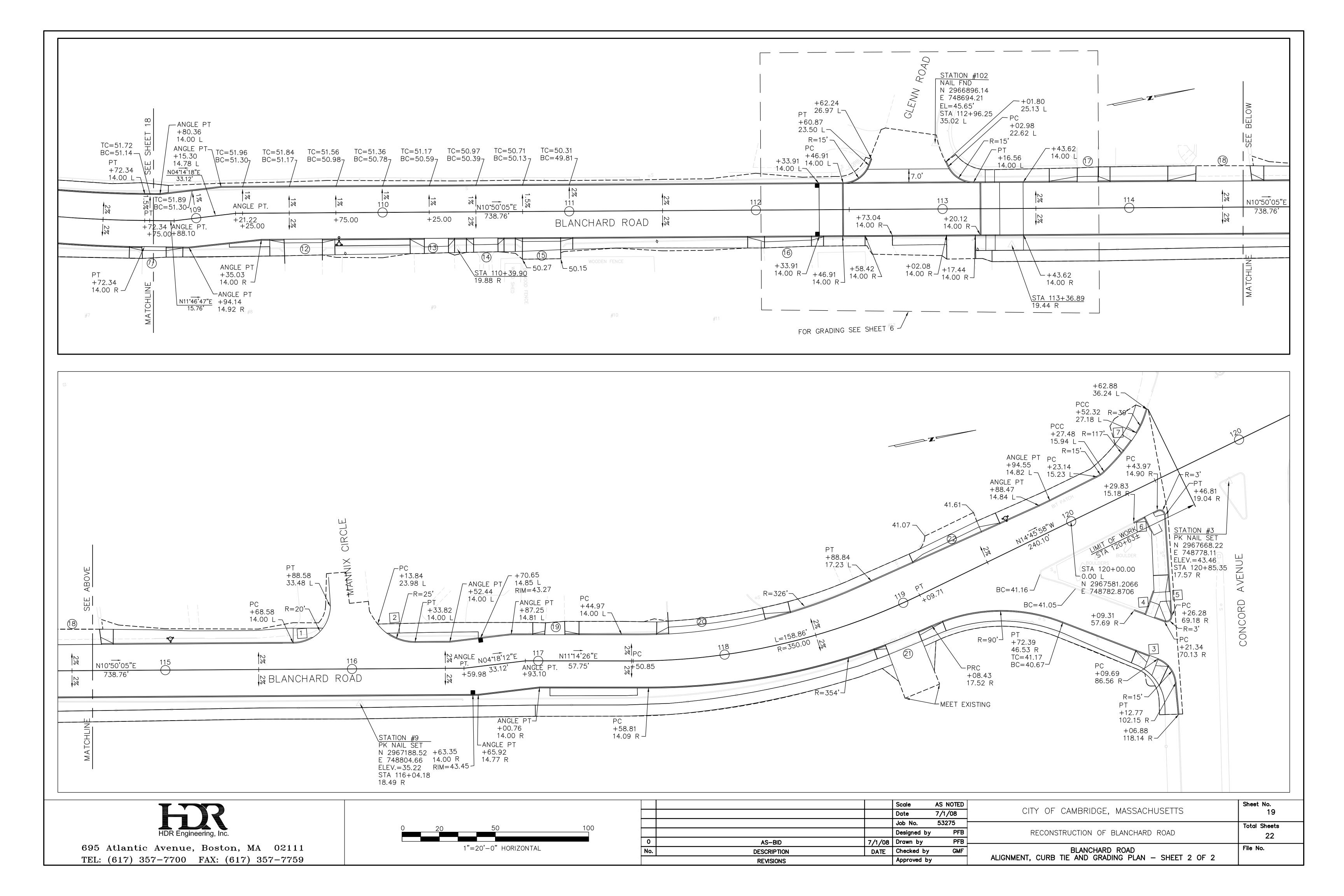


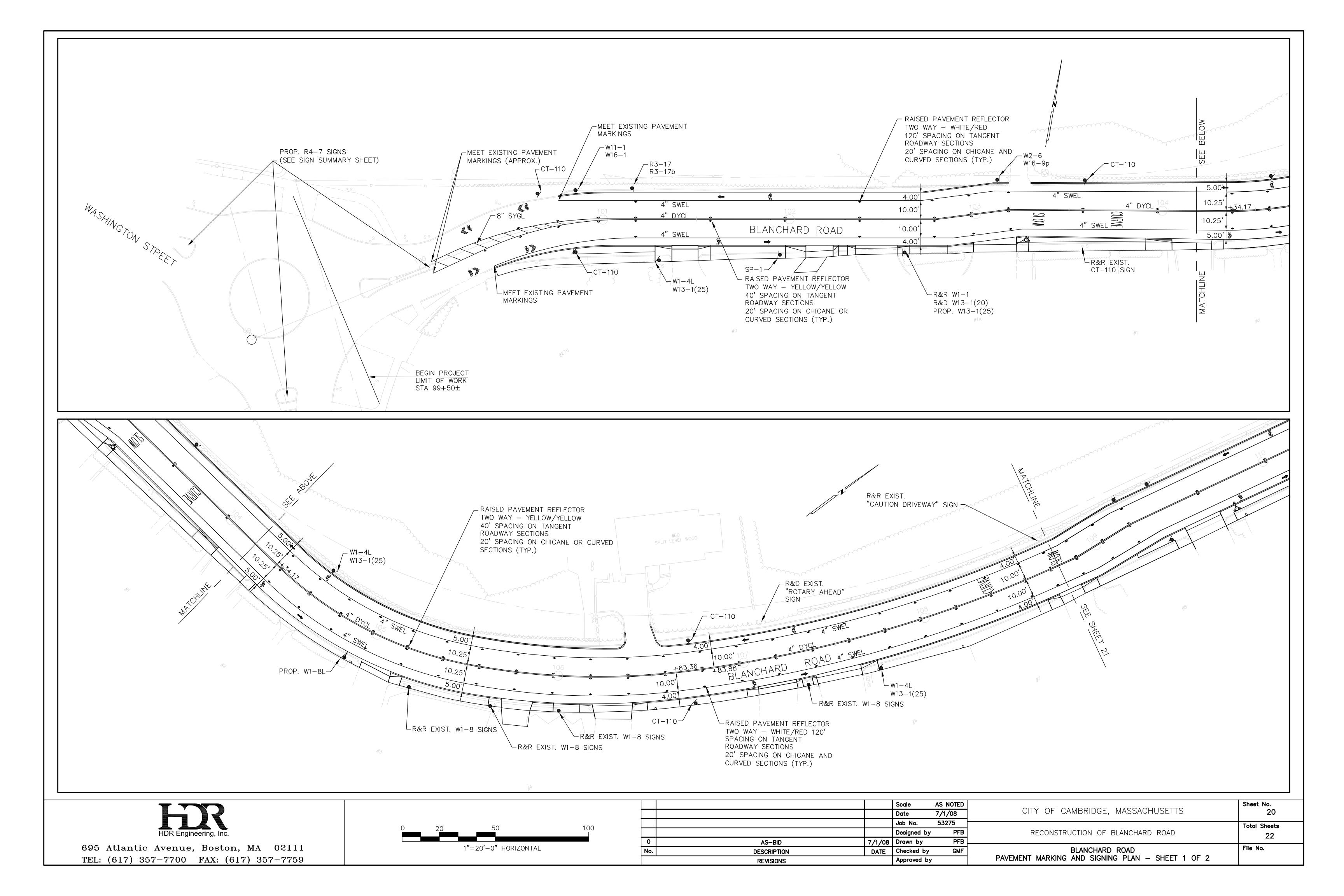


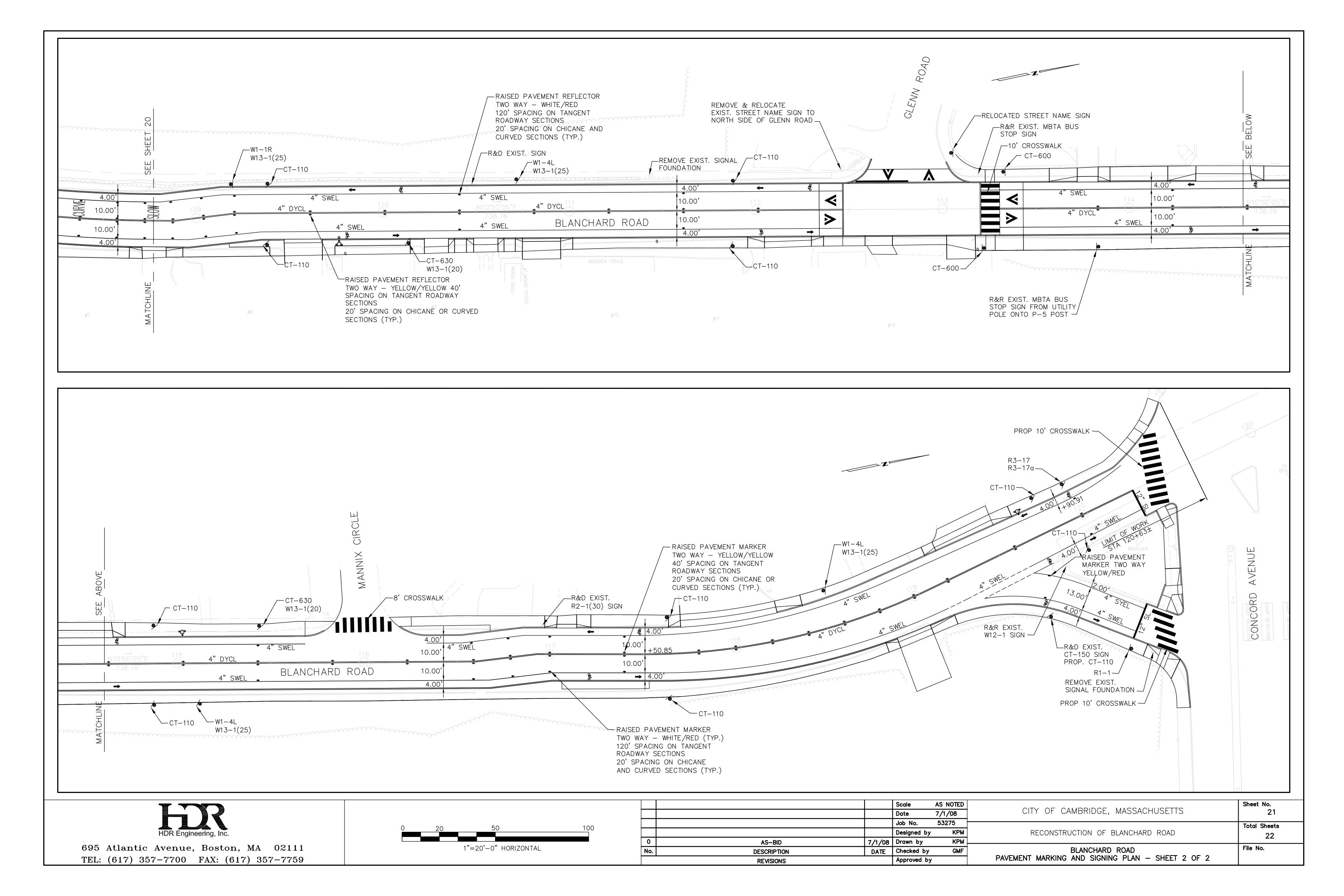


				Scale	AS NOTED		Sheet No.
				Date	7/1/08	CITY OF CAMBRIDGE, MASSACHUSETTS	17
				Job No. 53275			Total Sheets
L				Designed by	PFB	RECONSTRUCTION OF BLANCHARD ROAD	22
	0	AS-BID	7/1/08	Drawn by	PFB		
	No.	DESCRIPTION	DATE	Checked by	GMF	BLANCHARD ROAD	File No.
		REVISIONS		Approved by	,	ROADWAY PROFILE — SHEET 4 OF 4	ı









	SIZE C	OF SIGN		TEXT DIMENSIONS			COLOR		DOST SIZE	LINIT	
SIGN ID NO.	WIDTH	HEIGHT	TEXT	LETTER VERTICAL ARROW RTE. MKR. (INCHES)	NUMBER OF SIGNS REQUIRED	BACK- GROUND	LEGEND	BORDER	POST SIZE AND NO. REQUIRED	UNIT AREA (S.F.)	TOTAL AREA (S.F.)
R1-1	30"	30"	STOP	SEE MUTCD STANDARDS	1	SEE M	UTCD STAN	IDARDS	P5 POST 1	6.25	6.25
R3-17	30"	24"	BIKE LANE		2				P5 POST 2	5.00	10.00
R3-17a	30"	12"	AHEAD		1				MOUNT WITH R3-17(1)	2.50	2.50
R3-17b	30"	12"	ENDS		1				MOUNT WITH R3-17(1)	2.50	2.50
R4-7	24"	30"	7		3				P5 POST 3 (SEE NOTE 2)	5.00	15.00
W1-1R	30"	30"			1				P5 POST 1	6.25	6.25
W1-4L	30"	30"			6				P5 POST 6	6.25	37.50
W1-8L	18"	24"			1				P5 POST 5 (SEE NOTE 3)	3.00	3.00
W2-6	30"	30"	ROTARY		1				P5 POST 1	6.25	6.25
W11-1	24"	24"	(5Ta)		1				P5 POST 1	4.00	4.00
W13-1 (20)	24"	18"	20 MPH		2				MOUNT WITH CT-630 (2)	3.00	6.00
W13-1 (25)	24"	18"	25 MPH		8				MOUNT WITH W1-1R(1) W1-1 (1) W1-4L(6)	3.00	24.00
W16-1	18"	24"	SHARE THE ROAD		1				MOUNT WITH W11-1	3.00	3.00
W16-9p	24"	12"	AHEAD		1				MOUNT WITH W2-6(1)	2.00	2.00
SP-1	30"	30"	BLIND DRIVEWAY		1				P5 POST 1	6.25	6.25
CT-110	18"	12"	TOW ZONE NO STOPPING ANYTIME	SEE CITY OF CAMBRIDGE SPECIFICATIONS	16		TY OF CAM PECIFICATIO		P5 POST 16	1.50	24.00
CT-600	30" ————————————————————————————————————	30" ————————————————————————————————————			2 2				P5 POST 2	6.25	12.50
CT-630	30"	30"	RAISED INTERSECTION AHEAD		2		•		P5 POST 2	6.25	12.50
			l <b>~</b>	<b>\</b>		l	1	RELOCATED MBTA BUS STOP SIGN	P5 P051	_	_
				FIC CONTROL DEVICES (LATEST ED		IDEET MEDI	MC	TOTAL S	P5 POST		187 88

#### <u>NOTES</u>

- 1. MUT
- LOCATION OF THREE R4-7 SIGNS TO BE DIRECTED BY THE ENGINEER AT EXISTING GROVE STREET MEDIANS.
   ADDITIONAL P5 POSTS REQUIRED FOR RESETTING OF EXISTING W1-8 SIGNS.

<del>-</del> 8	3 SIGI	NS.						
				Scale	AS NOTED		Sheet No.	
				Date	7/1/08	CITY OF CAMBRIDGE, MASSACHUSETTS	22	
				Job No.	53275		Total Sheets	
				Designed by	y PFB	RECONSTRUCTION OF BLANCHARD ROAD	22	
	0 AS-BID 7/1/08		0 AS-BID 7/1/08 Drawn by	Drawn by	awn by KPM↓	awn by KPM		
	No.			Checked by GMF		BLANCHARD ROAD	File No.	
	REVISIONS				У	TRAFFIC SIGN SUMMARY		

