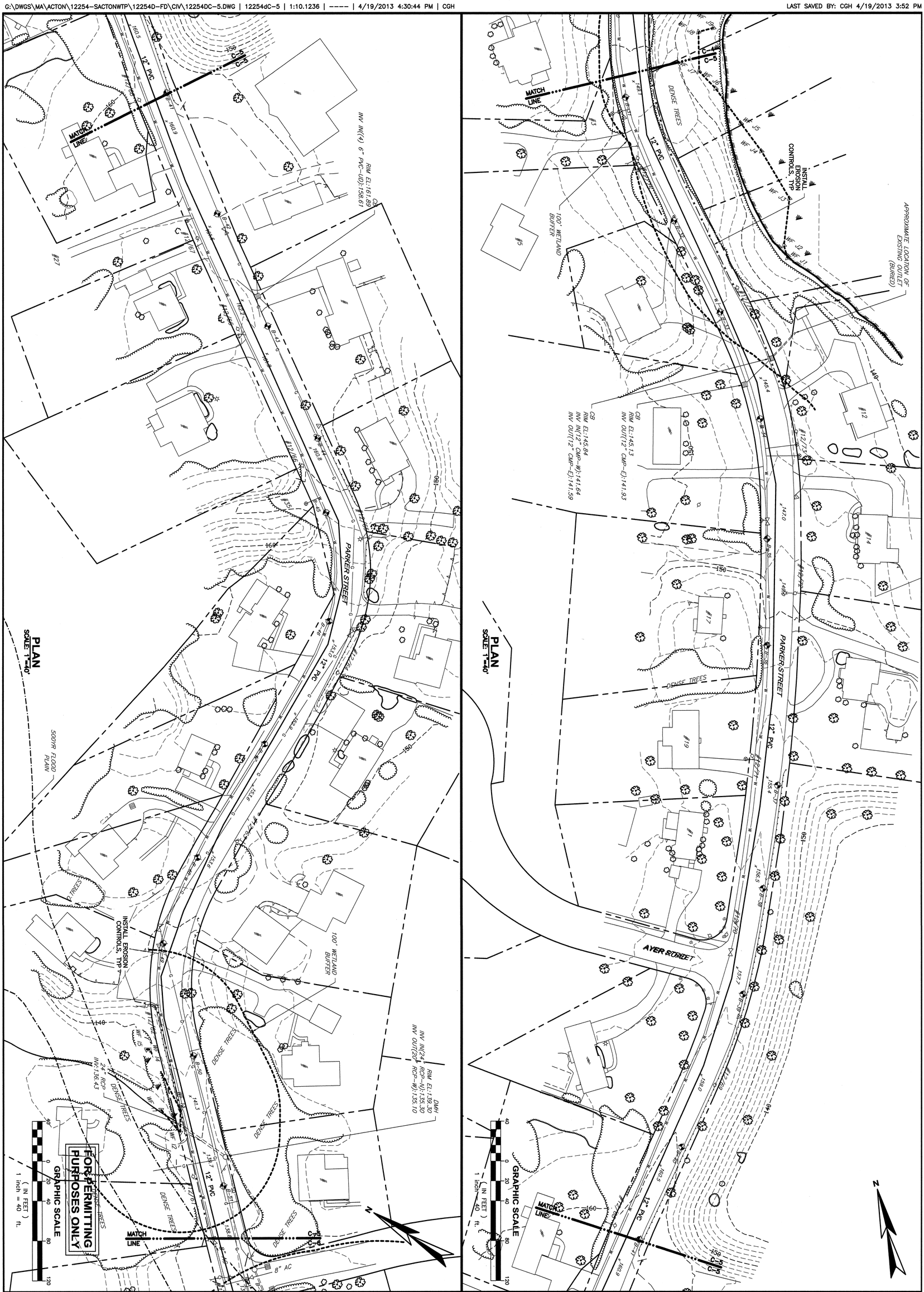

DRAWING C-5	ACTON WATER DISTRICT RAW WATER TRANSMISSION MAIN HIGH STREET WATER MAIN REPLACEMENT ACTON, MASSACHUSETTS PLAN VIEW: PARKER STREET	WRIGHT-PIERCE Engineering a Better Environment Offices Throughout New England 888.621.8156 | www.wright-pierce.com	COMMONWEALTH OF MASSACHUSETTS JAMES V HOYT CIVIL No. 49891 REGISTERED PROFESSIONAL ENGINEER

DESIGNED BY: JH
CAD COORD: CGH
CAD: CGH
CHECKED BY: RGP
DATE:
APPROVED BY: JH
DATE:
PROJECT NO: 12254E

NO.	SUBMISSIONS/REVISIONS	APP'D	DATE
	SUBMISSION TO THE CONSERVATION COMISSION	JH	4/19
1			
2			
3			
4			

LAST SAVED BY: CGH 4/19/2013 3:54 PM

CB
RIM EL:137.62
INV OUT(12" RCP):134.27

CB
RIM EL:137.73
INV OUT(12" RCP):134.43

DMH
RIM EL:137.95
INV IN(12" RCP-S):134.40
INV IN(20" RCP-E):134.25
INV OUT(20" RCP-W):134.15

500YR FLOOD PLAIN

ZONE AE FLOOD PLAIN

100' WETLAND BUFFER

BROOKSIDE CIRCLE

15" RCP
INV:132.06

20' WIDE, CMP NATRUAL BOTTOM ARCH CULVERT.
INV:127.83

DMH
RIM EL:136.53
UNABLE TO OBTAIN INVERT INFORMATION(RIM PAVED/BENT)

200' RIVERFRONT AREA

18" CMP
INV:132.13

DIRECTIONAL DRILL 12" HDPE WATER MAIN UNDER EXISTING CULVERT

INSTALL EROSION CONTROLS, TYP

CB
RIM EL:136.26
INV OUT(12" CMP):132.56

100' WETLAND BUFFER

SMH
RIM EL:161.15
INV IN((2)3" PVC-FM-N):158.80
INV IN(8" PVC-S):152.60
INV OUT(8" PVC-W):152.50

CB
RIM EL:147.
INV OUT(12" CMP):144.92

12" GATE VALVE

12" PVC

8" AC

PARKER STREET

RIVER STREET

DENSE TREES

MATCH LINE

12" GATE VALVE
APPROXIMATE LOCATION OF DIRECTIONAL DRILLING/RECIEVING PIT. SEE CONNECTION DETAIL (TYP)

INSTALL FLUSHING HYDRANT ASSEMBLY AND SAMPLING STATION (TYP)

INSTALL EROSION CONTROLS, TYP

CB
RIM EL:137.79
INV OUT(12" CMP):134.99

DMH
RIM EL:138.09
INV IN(12" RCP-N):134.49
INV IN(12" RCP-W):134.49
INV IN(12" RCP-E):134.29
INV OUT(15" RCP-W):134.19

INV:128.27

CB
RIM EL:136.29
INV OUT(12" CMP):132.69

CLOVER HILL ROAD

CB
RIM EL:137.64
INV OUT(12" CMP):134.84

CB
RIM EL:138.77
INV OUT(12" CMP):136.17

ZONE AE FLOOD PLAIN

200' RIVERFRONT AREA

PLAN
SCALE: 1"=40'

GRAPHIC SCALE
40 0 20 40 80 120
(IN FEET)
1 inch = 40 ft.

SMH
RIM EL:172.15
INV IN(8" PVC-S):163.35
INV OUT(8" PVC-N):163.30

CB
RIM EL:174.16
INV OUT(12" CMP):170.51

SMH
RIM EL:174.40
INV IN(8" PVC-S):164.45
INV OUT(8" PVC-N):164.40

12" GATE VALVE

APPROXIMATE LOCATION OF DIRECTIONAL DRILLING/RECIEVING PIT. SEE CONNECTION DETAIL (TYP)

INSTALL EROSION CONTROLS, TYP

100' WETLAND BUFFER

SMH
RIM EL:178.76
INV IN(8" PVC-S):165.66
INV OUT(8" PVC-N):165.54

SMH
RIM EL:182.55

CB
RIM EL:182.70
INV IN(12" CPP-S):177.60

CB
RIM EL:182.61
INV OUT(12" CPP-N):178.21

DRUMMER ROAD

CB
RIM EL:189.26
TOP PVC W/HOOD:186.02

CB
RIM EL:189.21
TOP PVC W/HOOD:186.11

SMH
RIM EL:188.55
UNABLE TO OBTAIN INVERT INFORMATION(RIM PAVED/BENT)

12" PVC

12" DI

PARKER STREET

SEWER CLEAN OUT

SMH
RIM EL:186.44
UNABLE TO OBTAIN INVERT INFORMATION(RIM PAVED/BENT)

DIRECTIONAL DRILL 12" HDPE WATER MAIN UNDER MBTA TRACKS

CB
RIM EL:174.21
INV IN(12" CMP-E):170.01
INV OUT(12" CMP-W):169.86

APPROXIMATE LOCATION AND DIRECTION OF EXISTING OUTLET (BURIED)

INSTALL EROSION CONTROLS, TYP

SMH
RIM EL:182.47
INV IN(8" PVC-E):167.27
INV IN(8" PVC-S):167.22
INV OUT(8" PVC-N):167.17

MATCH LINE

FOR PERMITTING PURPOSES ONLY

PLAN
SCALE: 1"=40'

GRAPHIC SCALE
40 0 20 40 80 120
(IN FEET)
1 inch = 40 ft.

NO	SUBMISSIONS/REVISIONS	APP'D	DATE
1	SUBMISSION TO THE CONSERVATION COMISSION	JH	4/19

DESIGNED BY: JH
CAD COORD: CGH
CAD: CGH
CHECKED BY: RCP
DATE:
APPROVED BY: JH
DATE:
PROJECT NO: 12254E

COMMONWEALTH OF MASSACHUSETTS
JAMES V. HOYT
CIVIL
No. 49801
REGISTERED PROFESSIONAL ENGINEER

WRIGHT-PIERCE
Engineering a Better Environment
Offices Throughout New England
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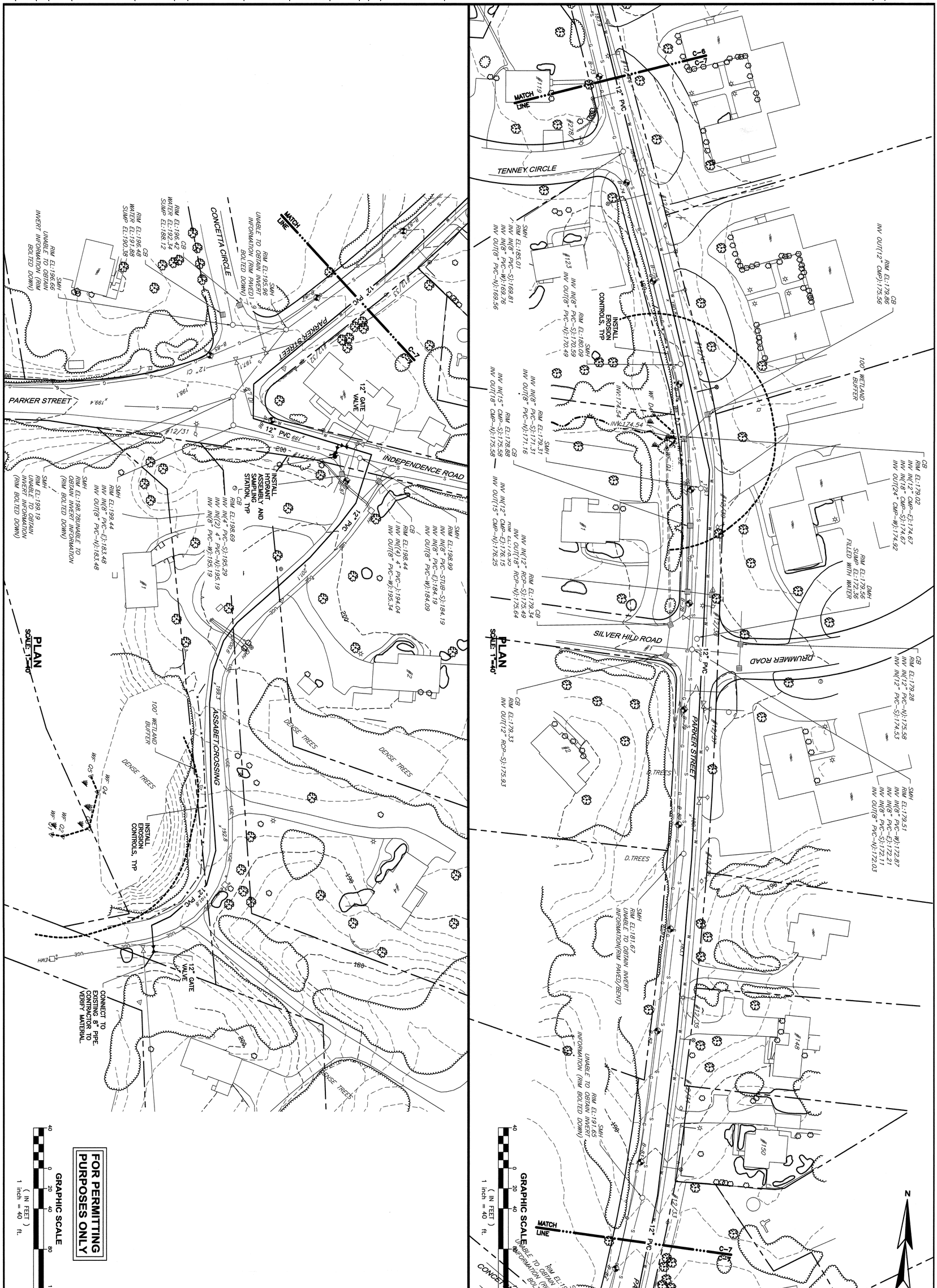
ACTON WATER DISTRICT
RAW WATER TRANSMISSION MAIN
HIGH STREET WATER MAIN REPLACEMENT
ACTON, MASSACHUSETTS

PLAN VIEW: PARKER STREET

DRAWING
C-6

G:\DWGS\MA\ACTON\12254-SACTONWTP\12254D-FD\CIV\12254DC-6.DWG | 12254dC-6 | 1:10.1236 | ---- | 4/19/2013 4:31:40 PM | CGH



DRAWING C-7

ACTON WATER DISTRICT
RAW WATER TRANSMISSION MAIN
HIGH STREET WATER MAIN REPLACEMENT
ACTON, MASSACHUSETTS

PLAN VIEW: PARKER STREET & ASSABET CROSSING

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COMMONWEALTH OF MASSACHUSETTS
JAMES V HOYT
CIVIL
No. 49891
REGISTERED PROFESSIONAL ENGINEER
4.19.13

DESIGNED BY:	JH
CAD COORD:	CGH
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DATE:	
PROJECT NO:	12254E

NO	SUBMISSIONS/REVISIONS	APP'D	DATE
	SUBMISSION TO THE CONSERVATION COMISSION	JH	4/19
1			
2			
3			
4			