LAST SAVED BY: JAMES.HOYT 7/30/2013 7:32 PM

CB
RIM EL.:240.26
INV IN(12" RCP-NE):237.61
INV OUT(12" RCP-SE):237.43

CB
RIM EL.:239.27
INV IN(12" RCP-NW):236.52
INV OUT(15" RCP-W):236.32

100' WETLAND BUFFER

CULVERT CROSSING:
WATER MAIN TO CROSS UNDER CULVERT. RIGID BOARD BETWEEN DRAIN AND WATER MAIN (TYP)

NEW 1" WATER SERVICE (TYP.)

REMOVE EXISTING HYDRANT (TYP)

INSTALL HYDRANT ASSEMBLY, TYP

MATCH LINE

2-1" WATER SERVICE CONNECTION

12" 11° BEND

INSTALL EROSION CONTROLS, TYP

12" 22.5° BEND

HIGH STREET

COVANT STREET

CONNECTION:
~~3-12" GV~~
12"X8" TEE
8" GV
8" SOLID SLEEVE COUPLING

CAP AND ABANDON EXISTING AC WATER MAIN. TRANSFER OVER ALL SERVICES (TYP)

INSTALL 12" GATE VALVE

PLAN
SCALE: 1"=40'

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

ZONE AE FLOOD PLAIN

200' RIVERFRONT AREA

CB(DOG HOUSE OVER 36" CMP)
RIM EL.:195.60
INV IN(15" RCP):186.70

CB
RIM EL.:199.65
INV IN(15" RCP-SE):195.55
INV OUT(15" RCP-NW):194.70

DIRECTIONAL DRILL UNDER EXISTING CULVERT

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

INSTALL EROSION CONTROLS, TYP

VALLEY ROAD

CONNECTION:
12" GV
12"X8" TEE
8" GV
8" SOLID SLEEVE COUPLING

CB
RIM EL.:202.03
INV IN(12" RCP-SW):200.80
INV OUT(15" RCP-NW):198.58

REMOVE EXISTING HYDRANT (TYP)

CAP AND ABANDON EXISTING AC WATER MAIN. TRANSFER OVER ALL SERVICES (TYP)

NEW 1" WATER SERVICE (TYP.)

HIGH STREET

12" GATE VALVE

12" 11° BEND

INSTALL 12" GATE VALVE

100' WETLAND BUFFER

PARMLEY DRIVE

DIRECTIONAL DRILL 12" HDPE WATER MAIN UNDER EXISTING CULVERT

INSTALL EROSION CONTROLS, TYP

40" CMP
INV:187.58

36" CMP
INV:187.28

INV:192.29

CB
RIM EL.:197.20
INV OUT(12" CPP):193.45

CONNECTION:
12" GV
12"X8" WYE
8" GV
8" SOLID SLEEVE COUPLING

CB
RIM EL.:197.05
INV OUT(12" CPP):193.25

ZONE A FLOOD PLAIN

HATCH ROAD

INSTALL HYDRANT ASSEMBLY, TYP

CULVERT CROSSING:
WATER MAIN TO CROSS UNDER CULVERT. RIGID BOARD BETWEEN DRAIN AND WATER MAIN (TYP)

CB
RIM EL.:202.26
INV OUT(12" RCP):200.41

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			
2			
3			
4			

DESIGNED BY: JH
CAD DOWG: CDH
CAD: CGH
CHECKED BY: RDP
DATE: 7/2013
APPROVED BY: JH
DATE: 7/2013
PROJECT NO: 12254E

COMMONWEALTH OF MASSACHUSETTS
JAMES V. HOYT
CIVIL
REGISTERED PROFESSIONAL ENGINEER
7/31/13

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ACTON WATER DISTRICT
SOUTH ACTON WTP WATER MAIN IMPROVEMENTS
ACTON, MASSACHUSETTS
DWSRF ID #3652 - CONTRACT 2

PLAN VIEW: HIGH STREET
STA 132+00 TO STA 156+00

DRAWING
C-10

G:\DWGS\MA\ACTON\12254-SACTONWTP\12540-FD\CIV\12254DC-10.DWG | 12254DC-10 | 1:10.1236 | ---- | 7/30/2013 10:27:45 PM | JAMES.HOYT