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PLAN
SCALE: 1"=40'

PLAN
SCALE: 1"=40'

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

DESIGNED BY: JH
CAD DSGNR: CGH
CAD: CGH CHECKED BY: RGP
DATE:
APPROVED BY: JH
APPR. DATE:
PROJECT NO: 12254E

COMMONWEALTH OF MASSACHUSETTS
JAMES V HOYT
CIVIL
No. 46891
REGISTERED PROFESSIONAL ENGINEER
4-19-13

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

PLAN VIEW: SCHOOL STREET

DRAWING
C-3

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LAWS BROOK ROAD
500YR FLOOD PLAIN
FLOOD ZONE AE
APPROXIMATE LOCATION OF EXISTING OUTLET (BURIED)
INSTALL EROSION CONTROLS, TYP
100' WETLAND BUFFER
APPROXIMATE LOCATION OF DIRECTIONAL DRILLING/RECIEVING PIT, SEE CONNECTION DETAIL (TYP)
INV:126.09
INV:127.36
CB
RIM EL:129.69
INV OUT(12" PVC-S):127.79
200' RIVER FRONT AREA
12" GATE VALVE
SCHOOL STREET
12" PVC
3" STEEL
DIRECTIONAL DRILL 12" HDPE WATER MAIN UNDER EXISTING CULVERT
CB
RIM EL:130.19
INV OUT(12" CPP-S):126.64
CONCRETE BOX CULVERT W/NATURAL BOTTOM 6' WIDE x 4' TALL
INV IN(N):124.55
INV OUT(S):124.00
INSTALL EROSION CONTROLS, TYP
CB
RIM EL:135.58
INV OUT(12" RCP-S):132.66
DENSE TREES
HERITAGE ROAD
MATCH LINE
#285
#286
#287
#288
#290
#278
#280
#282
#274
#49/94
#49/93
#49/92
#49/91
#49/84
#49/85
#49/86
#49/87
#49/88
#49/89
#49/90
B-11
B-12
B-13
B-14
B-15
B-16
B-17
B-18
B-19
B-20
B-21
B-22
PLAN
SCALE: 1"=40'
GRAPHIC SCALE
40 0 20 40 80 120
(IN FEET)
1 inch = 40 ft.

HERITAGE ROAD
POND RIDGE ROAD
FOSTER STREET
PARKER STREET
SCHOOL STREET
12" PVC
4" STEEL
8" DI
APPROXIMATE LOCATION OF EXISTING OUTLET (BURIED)
INSTALL EROSION CONTROLS, TYP
100' WETLAND BUFFER
12" GATE VALVE
INSTALL FLUSHING HYDRANT ASSEMBLY AND SAMPLING STATION, TYP
DENSE TREES
CB
RIM EL:152.75
INV IN(12" RCP-N):148.04
INV OUT(12" RCP-S):147.60
CB
RIM EL:152.72
INV IN(12" RCP-NE):148.89
INV IN(12" RCP-W):148.42
INV OUT(12" RCP-S):148.42
CB(DOUBLE)
RIM EL:152.49
INV IN(12" RCP-BRICKED UP-S):149.09
INV OUT(12" RCP-E):148.67
#49/76
#49/77
#49/78
#49/79
#49/80
#49/81
#49/82
#49/83
#49/84
B-23
B-24
B-25
B-26
B-27
B-28
B-29
PLAN
SCALE: 1"=40'
FOR PERMITTING PURPOSES ONLY
GRAPHIC SCALE
40 0 20 40 80 120
(IN FEET)
1 inch = 40 ft.

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C-4