62°30'29" E 640.95' (TIE

TO A3

FLOODPLAIN LINE
FP EL=189.44

EX. FOOT PATH

A-5(NEW)

A10

A11

A12

A13

A15

A16

A17

A18

A19

A20

A21

A24

A25

A26

A27

A28

A29

A29-1

A29-2

A30

A31

A32

A33

A34

75' BVW BUFFER

100' BVW BUFFER

200' OUTER RIPARIAN ZONE

100' INNER RIPARIAN ZONE

PROPOSED LOT LINE

PROPOSED STRAW WATTLES

50' BVW BUFFER

25' BVW BUFFER

PROPOSED SDS

LOT B
23,200 SF

PROPOSED DWELLING
TOC=210

208x0
END = 13+07.54

13+00

ROOF DRAIN

12+00

LOT A
20,000 SF

BENCHMARK
TOP SPIKE IN
15" PINE
ELEV=191.67

207x0

11+00

PROPOSED
10,000 GALLON
FIRE CISTERN

206x5

PROPOSED INFILTRATION TRENCH
FOR STORMWATER RUNOFF

SHED

10+00

ZONE R-4
ZONE R-2

N / F
TOWN OF ACTON

EG=193.10
PG=189.55

EG=190.30
PG=189.55

EG=193.50
PG=189.55

EG=193.60
PG=189.55

EG=192.50
PG=189.55

EG=191.22
PG=189.55

COMPENSATORY FLOOD
EXCAVATION AREA=865 S.F.
FLOODPLAIN EL=190.30
EXCAVATION =0.75' (189.55)
VOLUME=649 C.F.

GC29(NEW)
PROPOSED
10'W x 20'L
GRAVEL TURN
OFF

CROSS-SECTION LINE
SEE SHEET 4 FOR
CROSS SECTIONS

F-F

ALL UTILITIES (UNDERGROUND ELECTRIC) TO BE INSTALLED
UNDER THE COMMON DRIVEWAY
(SEE CROSS SECTION)

EXISTING FOOT PATH
TO BE ABANDONED
AND RE-LOCATED ALONG
DRIVEWAY AS A PAVED
WALKWAY

PROPOSED WETLAND FILL
AREA B
AREA OF FILL = 726 S.F.

TEMPORARY
IMPACT

RESTORED
FOOTPATH

PROPOSED STORMWATER
INFILTRATION TRENCH
LOCATED UNDER PAVED
SIDEWALK FROM STA 0+15
TO STA 8+30
(SEE DETAIL)

PROPOSED WETLAND FILL AREA A
AREA OF FILL = 812 S.F.
(CONTINUED FROM SHEET 1)

BW=189.95
TW=193.50

BW=189.81
TW=193.50

BW=189.95
TW=193.50

FLOODPLAIN LINE
FP EL=190.44

BW=189.97
TW=192.50

BW=189.95
TW=193.00

TEMPORARY
IMPACT

D-D

BW=190.00
TW=193.50

BW=193.5
TW=196.0

BW=197.0
TW=198.0

BW=195.0
TW=198.0

PROPOSED
WOOD GUARDRAIL

PROPOSED RETAINING WALL
MAX. HEIGHT=5.0'
BW=192.5
TW=194.0

LOW PT.
192x25'

END OF PROPOSED
WOOD GUARDRAIL
END STA 08+30
END OF PAVED SECTION
OF SIDEWALK-CONNECT TO
EXISTING FOOT PATH WITH GRAVEL

203x2

CEMETERY
DRIVEWAY

203x4

EDGE PAVEMENT

203x6

203x9

E-E

N / F
TOWN OF ACTON

D-D

EXISTING SYMBOLS LEGEND

EXISTING STONE BOUND	CBDH	EXISTING DRAIN MANHOLE	DMH
EXISTING UNDERGROUND COMM.	C	EXISTING SEWER MANHOLE	SMH
EXISTING STORM DRAIN	D	EXISTING CATCH BASIN	CB
EXISTING SANITARY SEWER	S	EXISTING FLOW DIRECTION	
EXISTING WATER MAIN	W	EXISTING FIRE HYDRANT	
EXISTING GAS MAIN	G	EXISITNG WATER GATE	WG
EXISTING UNDERGROUND ELEC.	E	EXISTING UTILITY POLE	UP
EXISTING OVERHEAD WIRES	OHW		
EXISTING 2' CONTOUR	202		
EXISTING 10' CONTOUR	200		

EXISTING STONE WALL
EXISTING TREE LINE
EXISTING GUARDRAIL
EXISTING WETLAND LINE
EXISTING WETLAND FLAG
+ WF A4

PROPOSED SYMBOLS LEGEND

PROPOSED INFILTRATION TRENCH
PROPOSED RETAINING WALL
PROPOSED CONTOUR 150
PROPOSED SPOT GRADE 331x0
PROPOSED STRAW WATTLES

NOTICE OF INTENT PLAN
FOR THE
CENTRAL STREET - P.C.R.C.
IN
ACTON, MASS.

APPLICANT: MT. LAUREL REALTY
390 GOODRICH STREET, LUNENBURG, MA 01462

OWNER: WILLIAM CHISHOLM
390 GOODRICH STREET, LUNENBURG, MA 01462

SCALE:1 INCH = 20 FEET DATE: APRIL 24, 2014

JONATHAN J. MARKEY
CIVIL
No. 46494
REGISTERED
PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS
2.2.15

R.WILSON ASSOCIATES
LAND SURVEYORS AND CIVIL ENGINEERS
360 MASS. AVE. ACTON, MASS. 01720

SHEET 3 OF 8

4	FP COMPENSATION	02/02/15
3	FP COMPENSATION	12/31/14
2	FLOOD PLAIN	11/25/14
1	REVISED	7/11/14