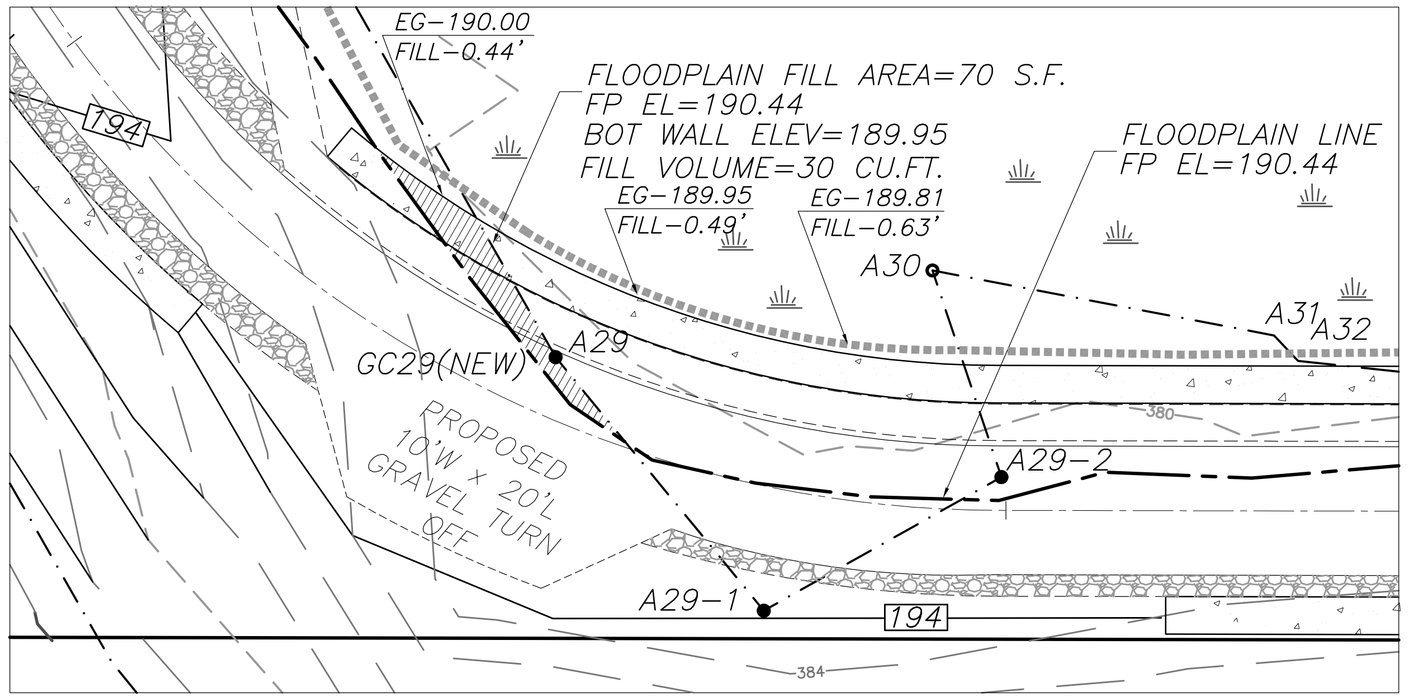
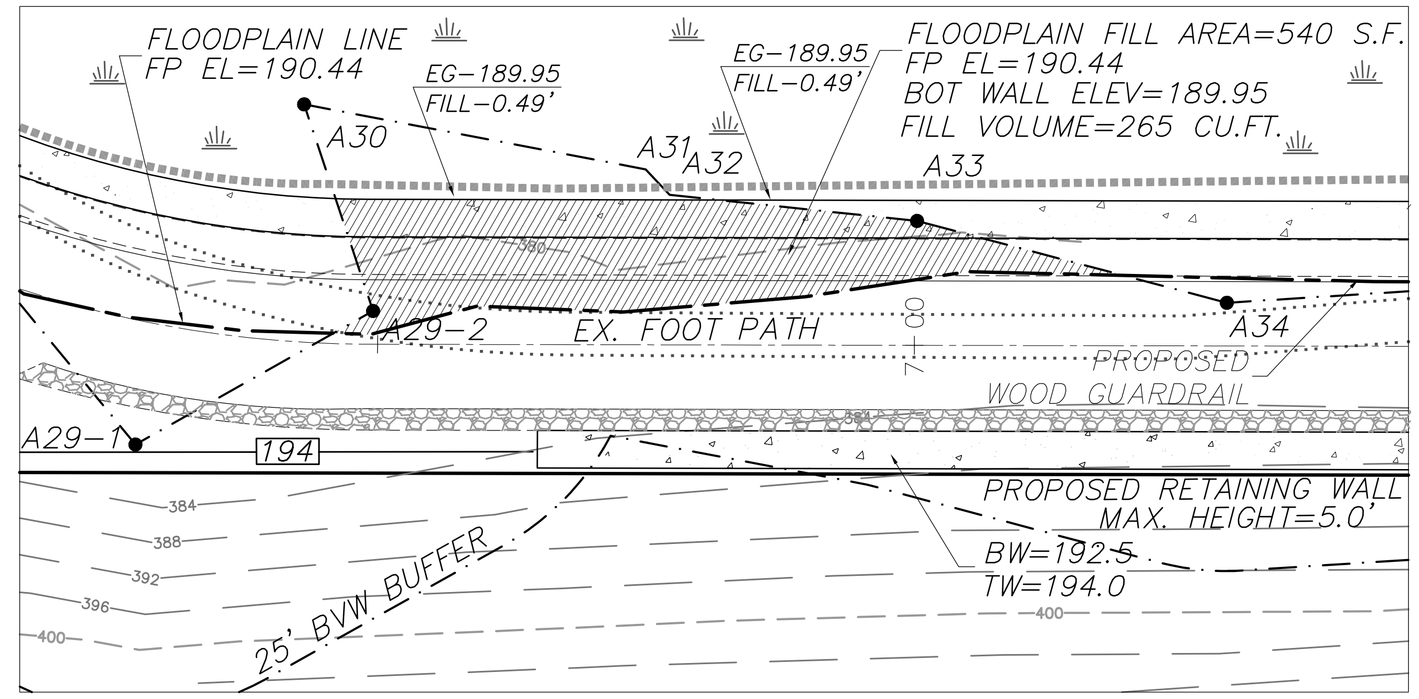
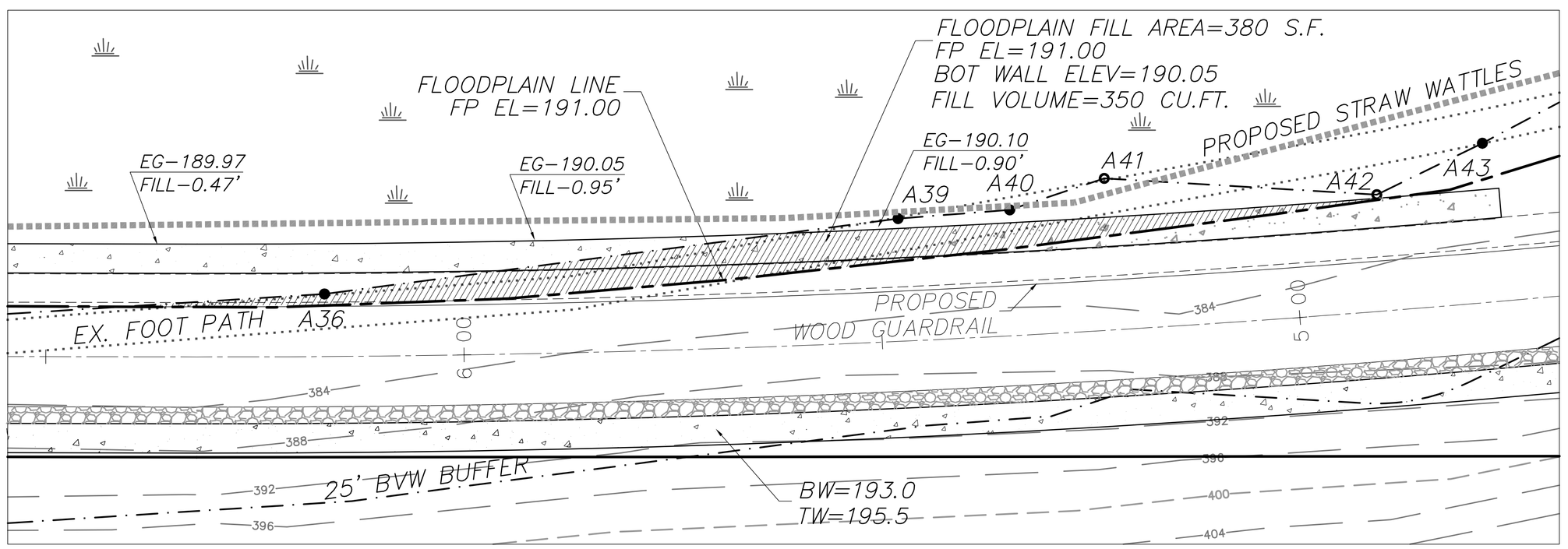


FLOODPLAIN FILL AREA A DETAIL



FLOODPLAIN FILL AREA B DETAIL



FLOODPLAIN FILL AREA C DETAIL

FLOOD PLAIN ELEVATION TAKEN FROM FEMA FIRM MAP PANELS 25017C0351F AND 25017C0353F DATED JULY 7, 2014. FLOOD PLAIN ELEVATIONS BASED ON NAVD88 AND CONVERTED TO SITE DATUM AS SHOWN ON PLAN.

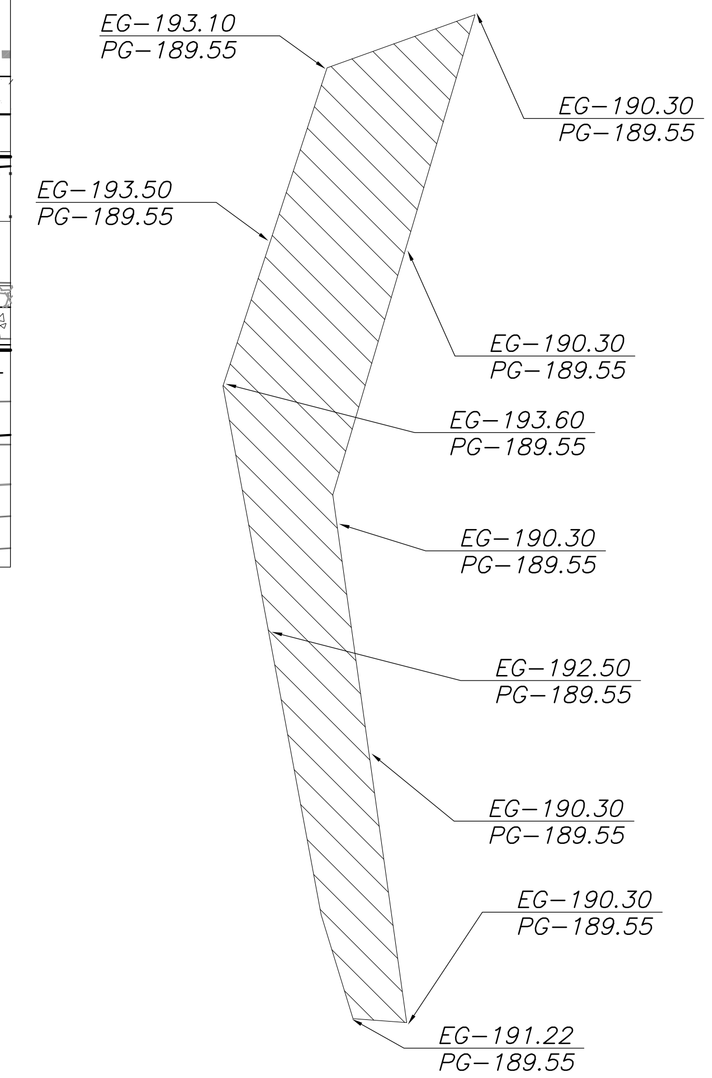
FLOODPLAIN FILL AREA A=70 S.F
FLOODPLAIN FILL AVERAGE DEPTH=0.49'
FLOODPLAIN FILL VOLUME=34 C.F.

FLOODPLAIN FILL AREA B=540 S.F
FLOODPLAIN FILL AVERAGE DEPTH=0.49'
FLOODPLAIN FILL VOLUME=265 C.F.

FLOODPLAIN FILL AREA C=380 S.F
FLOODPLAIN FILL AVERAGE DEPTH=0.95'
FLOODPLAIN FILL VOLUME=350 C.F.

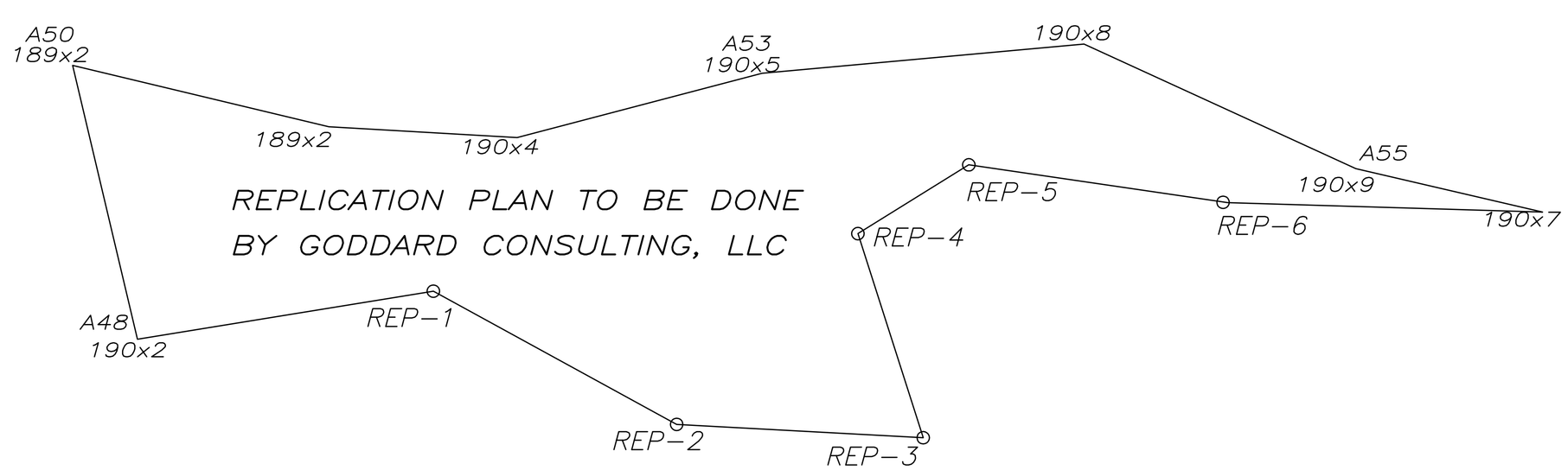
TOTAL FLOODPLAIN FILL VOLUME=649 CU.FT.

COMPENSATORY VOLUME PROVIDED AS FOLLOWS:
EXCAVATION AREA = 865 S.F
EXCAVATION DEPTH = 0.75'
VOLUME OF STORAGE PROVIDED = 649 CU.FT.



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

FLOODPLAIN COMPENSATORY STORAGE AREA DETAIL



PROPOSED WETLAND REPLICATION AREA

COMMONWEALTH OF MASSACHUSETTS
JONATHAN J. MARKEY
CIVIL
No. 46494
REGISTERED PROFESSIONAL ENGINEER
2-25-15

REPLICATION AREA PLAN
FOR
PROPOSED DRIVEWAY
AT
PARCEL A CENTRAL ST.
P.C.R.C.
ACTON, MASS.

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

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

SCALE: 1"=10' DATE: MAY 23, 2014

3	SIDEWALK DETAIL	2/25/15
2	FP COMPENSATION	02/02/15
1	FP COMPENSATION	12/31/14

R.WILSON ASSOCIATES
LAND SURVEYORS AND CIVIL ENGINEERS
360 MASS. AVE., ACTON MASS. 01720
PHONE: 978-266-0203 FAX: 978-266-0202

FILE NO. 1851 DWG NO. 1851 NOI-20 SHEET NO. 8 OF 8