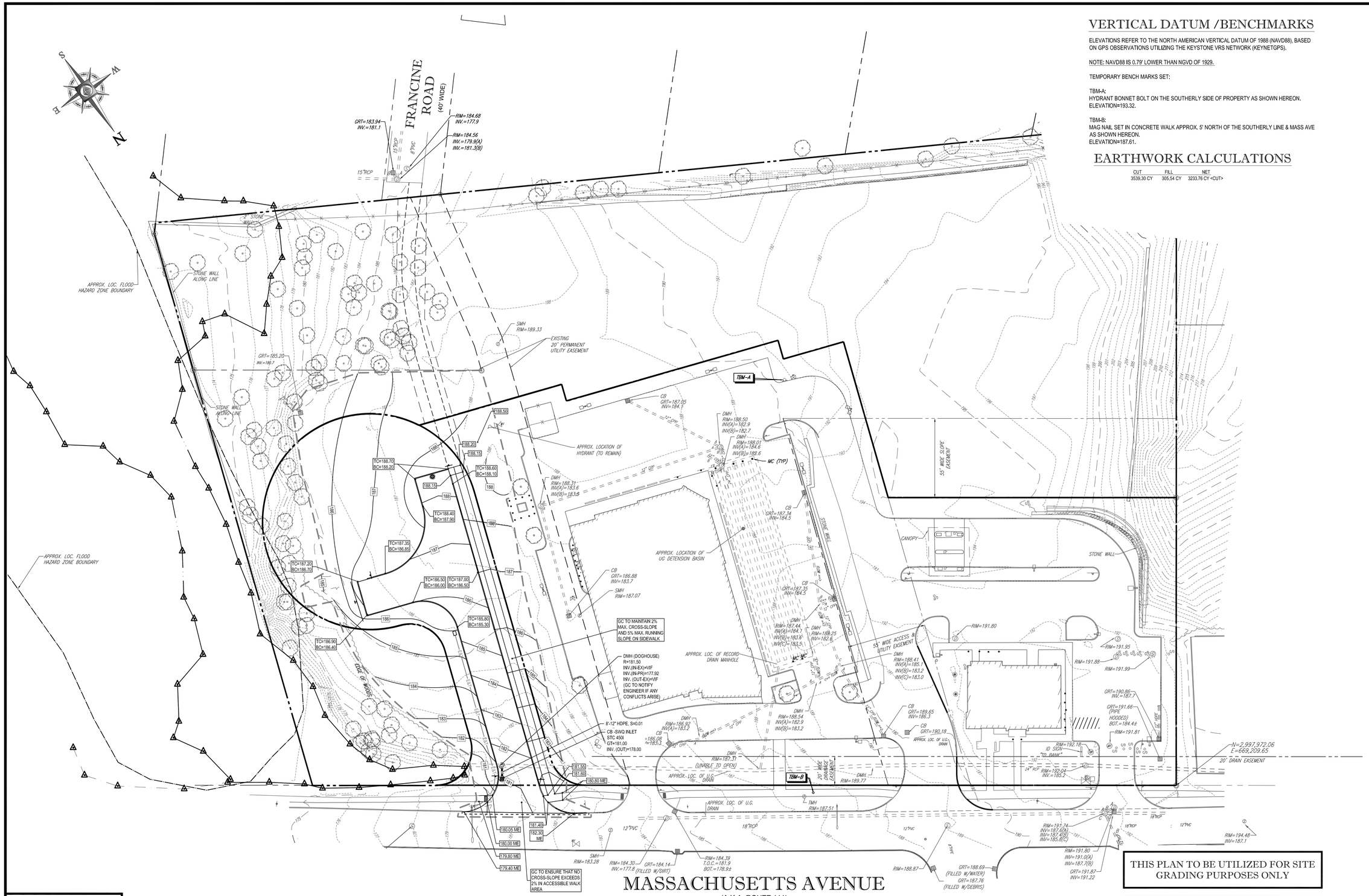

VERTICAL DATUM /BENCHMARKS

ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), BASED ON GPS OBSERVATIONS UTILIZING THE KEYSTONE VRS NETWORK (KEYNETGPS).

NOTE: NAVD88 IS 0.79' LOWER THAN NGVD OF 1929.

TEMPORARY BENCH MARKS SET:

TBM-A:
HYDRANT BONNET BOLT ON THE SOUTHERLY SIDE OF PROPERTY AS SHOWN HEREON.
ELEVATION=193.32.

TBM-B:
MAG NAIL SET IN CONCRETE WALK APPROX. 5' NORTH OF THE SOUTHERLY LINE & MASS AVE AS SHOWN HEREON.
ELEVATION=187.61.

EARTHWORK CALCULATIONS

CUT	FILL	NET
3539.30 CY	305.54 CY	3233.76 CY <CUT>

811
Know what's below.
Call before you dig.

DATE OF APPROVAL: _____

DATE OF ENDORSEMENT: _____

THIS PLAN TO BE UTILIZED FOR SITE GRADING PURPOSES ONLY

REFER TO GENERAL NOTES SHEET FOR GRADING & UTILITY NOTES

30 15 7.5 0 30
1"= 30'

BOHLER ENGINEERING

SITE CIVIL AND CONSULTING ENGINEERING
LAND DEVELOPMENT PROGRAM MANAGEMENT LANDSCAPE ARCHITECTURE
SITE/UTILITY DESIGN PERMITTING & APPROVALS TECHNOLOGY SOLUTIONS

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- NEW ENGLAND
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- NEW YORK METRO
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- NEW JERSEY
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- REHOBOTH BEACH, DE
- BALTIMORE, MD
- ANNAPOLIS, MARYLAND
- NORTHERN VIRGINIA
- CENTRAL VIRGINIA
- RALEIGH, NC
- CHARLOTTE, NC
- TAMPA, FL
- ORLANDO, FLORIDA

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REVISIONS

REV	DATE	COMMENT	BY
1	03/08/16	REVISED PER NEW SURVEY	CFD
2	09/06/16	REVISED FOR DEF. SUBMISSION	KBS
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

PROJECT No.:	W151042
DRAWN BY:	KBS
CHECKED BY:	RMM/JGS
DATE:	02/22/16
SCALE:	AS NOTED
CAD I.D.:	W151042_DEF_SUB3

PROJECT:
DEFINITIVE PLAN
OF
SOUTHEAST KELLEY'S CORNER LOTS
FOR
394 MASSACHUSETTS AVENUE , LLC
LOCATION OF SITE
MASSACHUSETTS AVENUE
TOWN OF ACTON
MIDDLESEX COUNTY,MA

BOHLER ENGINEERING
352 TURNPIKE ROAD
SOUTHBOROUGH, MA 01772
Phone: (508) 480-0900
Fax: (508) 480-9080
www.BohlerEngineering.com

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RHODE ISLAND LICENSE No. 11425

SHEET TITLE:
GRADING & DRAINAGE PLAN

SHEET NUMBER:
5
OF 13

REV 2 - 08/03/2016

P:\151\W151042\DWG\W151042_def_sub3.dwg, 05-Grad, 10/6/2014, 4:28:00 PM, jmbuck, Xerox5010v1.pc3, User934, 1:1