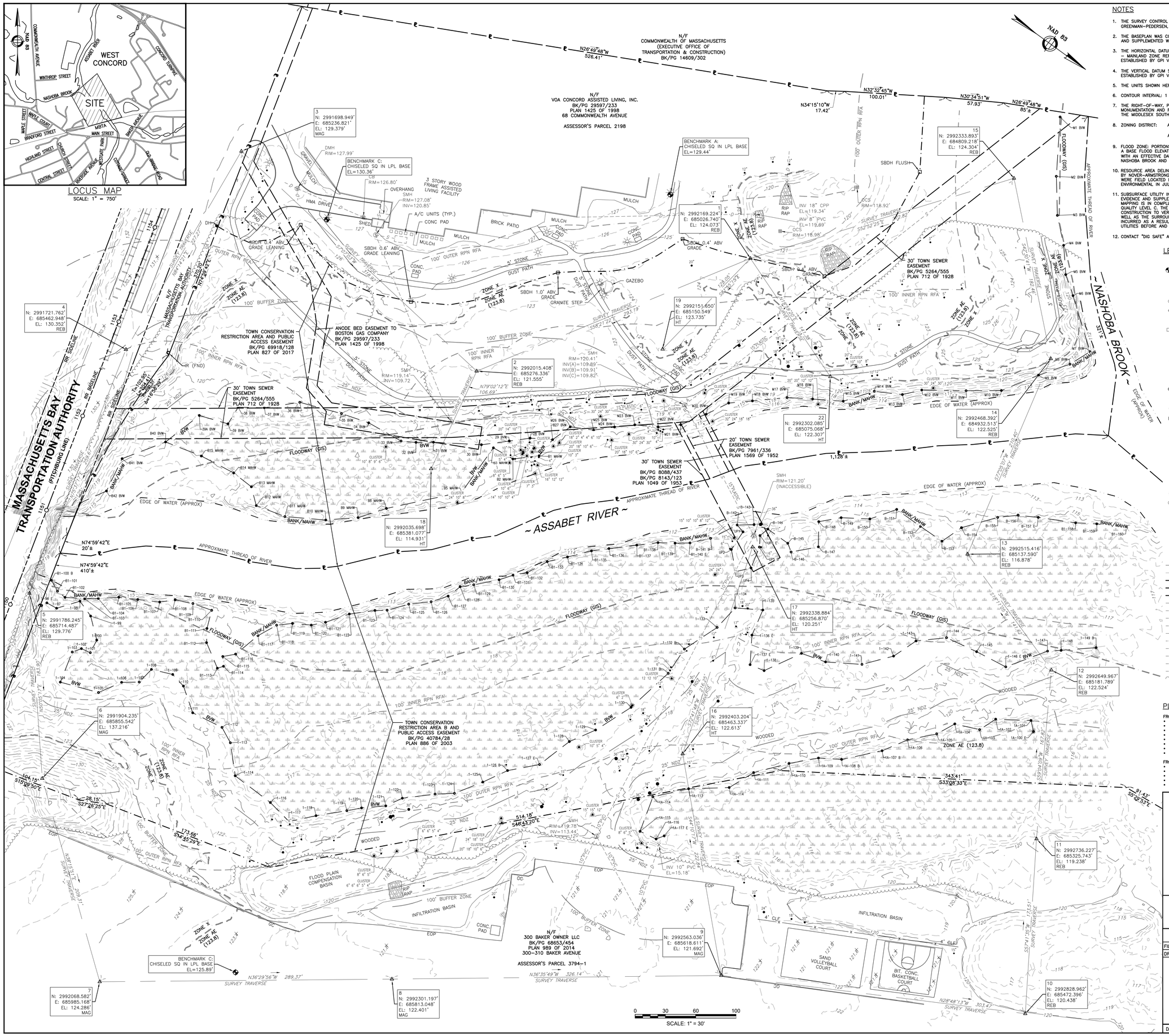
LOCUS MAP
SCALE: 1" = 750'



NOTES

1. THE SURVEY CONTROL NETWORK WAS SET BY AN INSTRUMENT FIELD SURVEY PERFORMED BY GREENMAN-PEDERSEN, INC. (GPI) IN SEPTEMBER & OCTOBER, 2018.
2. THE BASEPLAN WAS COMPILED FROM DATA COLLETED VIA TRADITIONAL TOTAL STATION BY GPI IN OCTOBER 2018 AND SUPPLEMENTED WITH UAS LIDAR TO ACCURATELY DEPICT THE SHAPE OF THE TERRAIN.
3. THE HORIZONTAL DATUM SHOWN HEREON IS BASED UPON THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM – MAINLAND ZONE REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83) (2011), EPOCH 2010.00 AS ESTABLISHED BY GPI VIA GPS OBSERVATION IN CONJUNCTION WITH THE MACORS MATB BASE STATION.
4. THE VERTICAL DATUM SHOWN HEREON REFERENCES THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS ESTABLISHED BY GPI VIA GPS OBSERVATION IN CONJUNCTION WITH THE MACORS MATB BASE STATION.
5. THE UNITS SHOWN HEREIN ARE US SURVEY FEET.
6. CONTOUR INTERVAL: 1 FOOT
7. THE RIGHT-OF-WAY, PROPERTY BOUNDARY AND EASEMENTS WERE ESTABLISHED VIA CADASTRAL SURVEY, FOUND MONUMENTATION AND RECORD INFORMATION INCLUDING DEEDS, PLANS AND ASSESSORS INFORMATION OBTAINED AT THE MIDDLESEX SOUTH REGISTRY OF DEEDS, AND THE TOWN ENGINEERING AND ASSESSING DEPARTMENTS.
8. ZONING DISTRICT: ASSESSOR'S PARCEL 2198 – COMMERCIAL LB B
   ASSESSOR'S PARCEL 3794-1 – INDUSTRIAL IPA
9. FLOOD ZONE: PORTIONS OF THE SUBJECT PARCELS FALL WITHIN A ZONE AE (SPECIAL FLOOD HAZARD AREA), WITH A BASE FLOOD ELEVATION OF 124 FT AND FURTHER DEFINED IN THE FLOOD INSURANCE STUDY 25017CV005C WITH AN EFFECTIVE DATE OF JULY 6, 2016, AS HAVING AN ELEVATION OF 123.8 (NAVD88) AT THE JUNCTION OF NASHOBA BROOK AND ASSABET RIVER.
10. RESOURCE AREA DELINEATION ON THE LAND AREA ON THE EAST SIDE OF THE ASSABET RIVER WAS PERFORMED BY NOVER-ARMSTRONG, A DIVISION OF BETA GROUP INC. IN SEPTEMBER AND OCTOBER OF 2018 AND FLAGS WERE FIELD LOCATED BY GPI. THE LAND AREA TO WEST OF THE ASSABET RIVER WAS DELINEATED BY LEC ENVIRONMENTAL IN JULY 2018 AND FLAG LOCATIONS WERE PROVIDED TO GPI BY THE TOWN.
11. SUBSURFACE UTILITY INFORMATION SHOWN HEREON IS APPROXIMATE ONLY AND WAS COMPILED FROM SURFACE EVIDENCE AND SUPPLEMENTED WITH RECORD UTILITY INFORMATION WHERE AVAILABLE. ALL UNDERGROUND UTILITY MAPPING IS IN COMPLIANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION SUBSURFACE UTILITY ENGINEERING QUALITY LEVEL C. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION TO VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES IN AND OUT OF THE EXISTING BUILDING AS WELL AS THE SURROUNDING SITE. GREENMAN-PEDERSEN, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. COORDINATION WITH THE APPROPRIATE UTILITIES BEFORE AND DURING DESIGN OF FUTURE CONNECTIONS IS REQUIRED.
12. CONTACT "DIG SAFE" AT 1 (888) 344-7233 PRIOR TO CONSTRUCTION.

LEGEND

- BUSH
- BM # BENCHMARK
- BOUND
- CABLE MANHOLE
- POST CIRCULAR POST
- DH DRILL HOLE
- DRAIN MANHOLE
- EHH ELECTRIC HANDHOLE
- ELECTRIC MANHOLE
- FIRE HYDRANT
- GG GAS GATE
- GAS MANHOLE
- HANDICAP SYMBOL
- IP IRON PIPE
- LIGHT POLE
- MAG MAG NAIL
- MHB MA HIGHWAY BOUND
- OTHER MANHOLE
- RB REBAR/IRON PIN
- SEWER MANHOLE
- SIGN
- TB TOWN LINE BOUND (CORNER)
- TELEPHONE MANHOLE
- TRAVERSE POINT
- 22"M TREE
- UPL# UTILITY POLE
- WATER MANHOLE
- WG WATER GATE

ABBREVIATIONS

ABV	ABOVE
AC	ASBESTOS CEMENT
BD	BOUND
℄	BASELINE
CB	CATCH BASIN
CI	CAST IRON
℄	CENTER LINE
CLF	CHAIN LINK FENCE
CMH	CABLE MANHOLE
CO BD	COUNTY BOUND
COMM	COMMUNICATION CONDUIT
CONC	CONCRETE
CW	CROSSWALK
DMH	DRAIN MANHOLE
DBYL	DOUBLE YELLOW LINE
EL	ELEVATION
EMH	ELECTRIC MANHOLE
EOP	EDGE OF PAVEMENT
GC	GRANITE CURB
HMA	HOT MIX ASPHALT
HYD	HYDRANT
IP	CI
MAG	MAG NAIL
MH	MANHOLE
NDZ	NO DISTURB ZONE (LOCAL)
⅊	PROPERTY LINE
RCP	REINFORCED CONC. PIPE
RFA	RIVERFRONT AREA
RPN	RIPARIAN
SWL	SOLID WHITE LINE

LINETYPE LEGEND

- 150 CONTOUR MAJOR
- 149 CONTOUR MINOR
- EXISTING TOWN LAYOUT
- EXISTING PROPERTY LINE
- EXISTING RAILROAD SIDELINE
- SURVEY TRAVERSE LINE
- CATV UNDERGROUND CATV LINE
- D UNDERGROUND DRAIN LINE
- PE UGND. PRIMARY ELEC. LINE
- OHW OVERHEAD WIRE
- SE UGND. SECONDARY ELEC. LINE
- G UNDERGROUND GAS LINE
- S UNDERGROUND SEWER LINE
- T UNDERGROUND TELE. LINE
- W UNDERGROUND WATER LINE
- TREELINE
- BORDERING VEGETATED WETLAND

PLAN REFERENCES:

FROM MIDDLESEX SOUTH REGISTRY OF DEEDS:

- PLAN 712 OF 1928
- PLAN 1569 OF 1952
- PLAN 1049 OF 1953
- PLAN 1425 OF 1998
- PLAN 886 OF 2003
- PLAN 989 OF 2014
- PLAN 827 OF 2017
- PLAN BOOK 442A-21R

FROM MASSDOT LAYOUT SECTION:

- 1933 STATE HIGHWAY LAYOUT NO. 3049
- 1967 STATE HIGHWAY LAYOUT NO. 5684
- 1972 STATE HIGHWAY LAYOUT NO. 6066
- 1975 STATE HIGHWAY LAYOUT NO. 6206
- 1987 STATE HIGHWAY LAYOUT NO. 6666

CERTIFICATION:

COMMONWEALTH OF MASSACHUSETTS
JEFFREY P. BRADFORD
NO. 41862
PROFESSIONAL LAND SURVEYOR

Jeffrey P. Bradford 12/13/18

JEFFREY P. BRADFORD, P.L.S.
REG. NO. 41862
GREENMAN-PEDERSEN, INC.

PARTIAL EXISTING CONDITIONS PLAN
ASSESSOR'S MAP 9D PARCEL 2198 & ASSESSOR'S MAP 9E PARCEL 3794-1

IN THE TOWN OF
CONCORD, MASSACHUSETTS

PREPARED FOR:
THE TOWN OF CONCORD
141 KEYES ROAD
CONCORD, MASSACHUSETTS

SCALE: 30 FEET TO THE INCH

FILE NAME:	18130_SV.DWG	FIELD BOOK:	2018130.00 (ELECTRONIC)
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