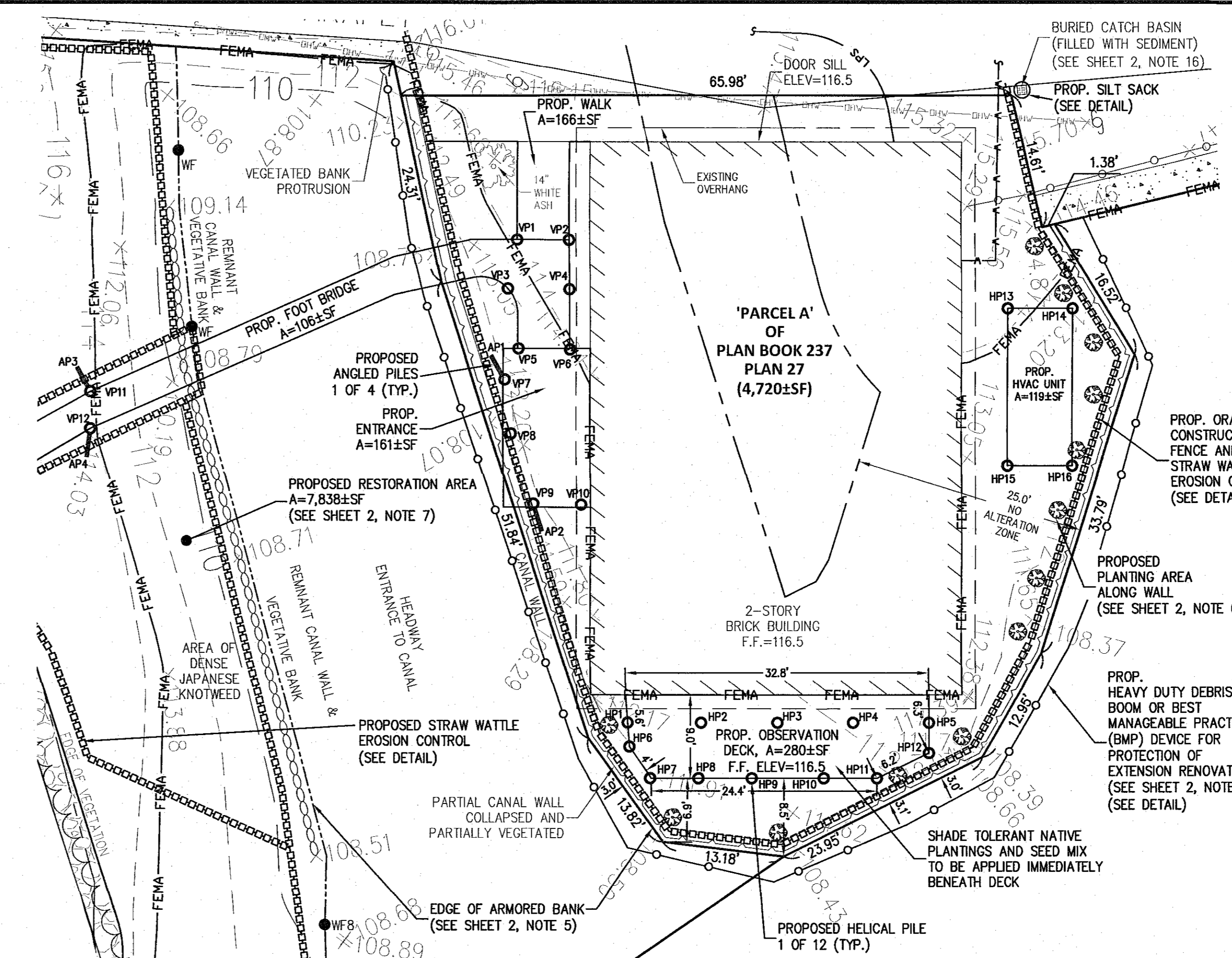


DETAIL PLAN VIEW A

SCALE: 1"=10'



DETAIL PLAN VIEW B

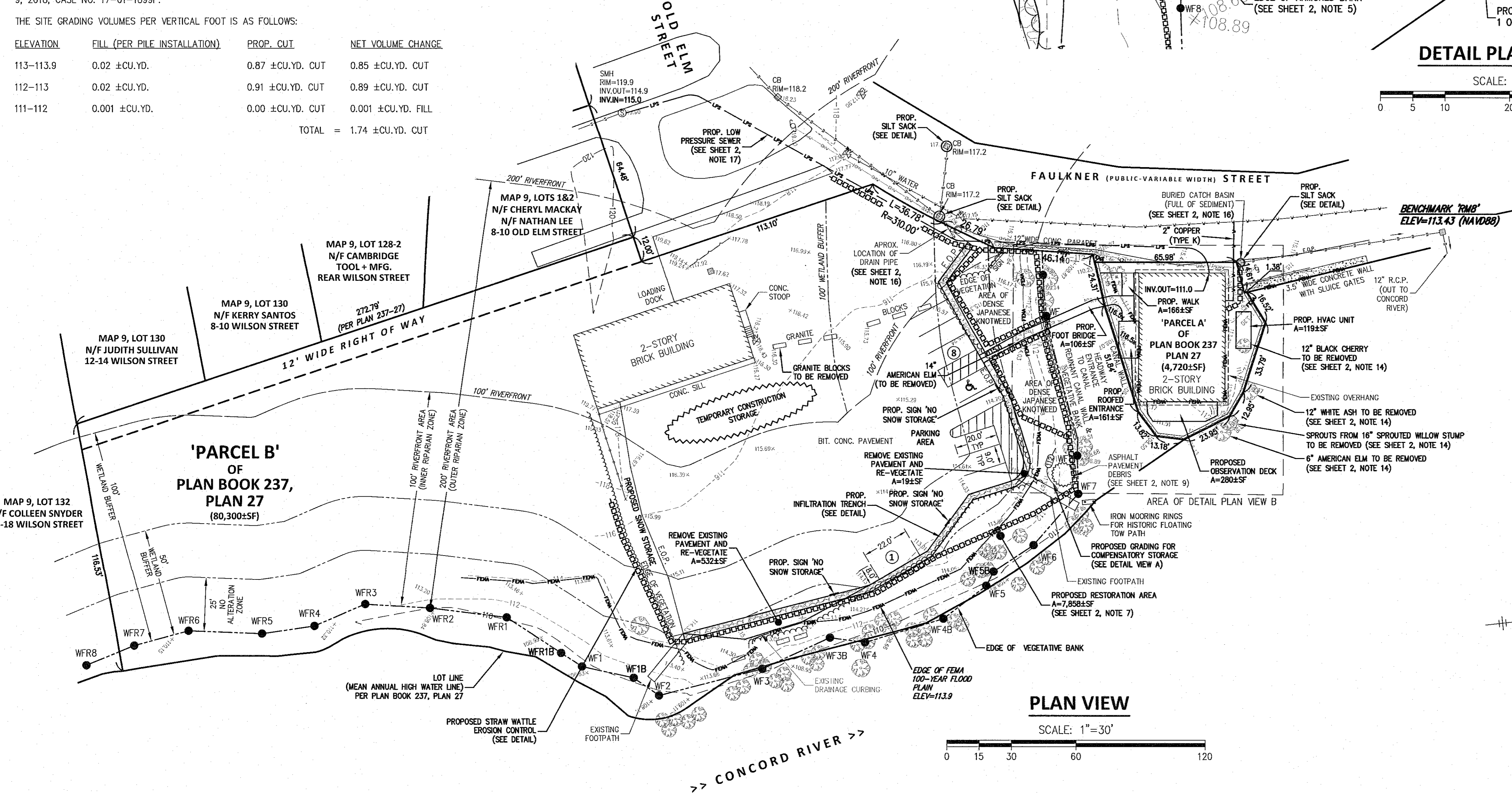
SCALE: 1"=10'

COMPENSATORY STORAGE CALCULATIONS

PORTIONS OF THE PROPERTIES SHOWN HEREON ARE LOCATED WITHIN FLOOD HAZARD ZONE AE [ELEVATION 113.9 (NAVD88)] AS SHOWN ON DEPARTMENT H.U.D. FEDERAL INSURANCE ADMINISTRATION MAPS, PER COMMUNITY PANEL FM25017C0258F, EFFECTIVE DATE JULY 7, 2014, AND LETTER OF MAP REVISION 250183, EFFECTIVE DATE FEBRUARY 9, 2018, CASE NO. 17-01-1899P.

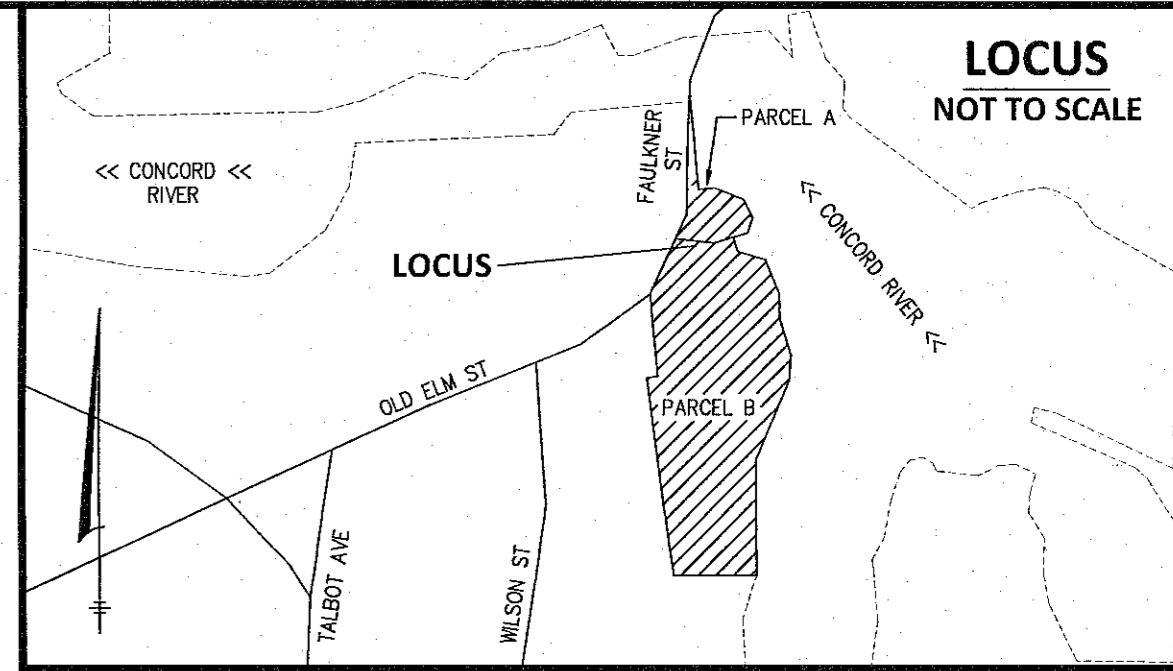
THE SITE GRADING VOLUMES PER VERTICAL FOOT IS AS FOLLOWS:

ELEVATION	FILL (PER PILE INSTALLATION)	PROP. CUT	NET VOLUME CHANGE
113-113.9	0.02 ±CU.YD.	0.87 ±CU.YD. CUT	0.85 ±CU.YD. CUT
112-113	0.02 ±CU.YD.	0.91 ±CU.YD. CUT	0.89 ±CU.YD. CUT
111-112	0.001 ±CU.YD.	0.00 ±CU.YD. CUT	0.001 ±CU.YD. FILL
			TOTAL = 1.74 ±CU.YD. CUT



PLAN VIEW

SCALE: 1"=30'



PARKING SUMMARY

- 1 HANDICAP SPACE PROPOSED
- 8 SPACES PROPOSED
- 9 TOTAL SPACES PROPOSED

* SEE EASEMENT AGREEMENT WITH PACE INDUSTRIES, LLC. (BOOK 23400 PAGE 123)

BRIDGE ELEVATIONS

- ENTRANCE (PARCEL B) OVER BANK = 4.5'
- FOOT BRIDGE (PARCEL A) OVER BANK = 5.8'
- FOOT BRIDGE OVER CANAL WATER = 6.8'
- DECK OVER EXISTING GRADE = 4.9'

LEGEND

- DECIDUOUS TREE
- CATCH BASIN
- EDGE OF VEGETATION
- UTILITY POLE
- EROSION CONTROL
- LOW PRESSURE SEWER
- UNDERGROUND WATER
- OVERHEAD WIRES

ABBREVIATIONS

- AP ANGULAR PILE
- BIT. BITUMINOUS
- CB CATCH BASIN
- CONC. CONCRETE
- D.I. DUCTILE IRON
- ELEV. ELEVATION
- E.O.P. EDGE OF PAVEMENT
- F.F. FIRST FLOOR
- GV GAS VALVE
- HP HELICAL PILE
- INVERT
- SF SQUARE FEET
- SMH SEWER MANHOLE
- TYP. TYPICAL
- VP VERTICAL PILE
- WF WETLAND FLAG
- WV WATER VALVE

NOTICE OF INTENT PLAN

**2 OLD ELM STREET
BILLERICA, MASSACHUSETTS**

PLAN PREPARED FOR:
**MIDDLESEX CANAL ASSOCIATION
71 FAULKNER STREET
BILLERICA, MA 01821**

PLAN PREPARED BY:
LANDPLEX
CIVIL ENGINEERING • SURVEYING
10 GEORGE STREET, UNIT 208
LOWELL, MASSACHUSETTS 01852
978-201-9390 - LANDPLEX.COM

SHEET: 1 OF 2

SCALE: 1"= 30'

SEPTEMBER 11, 2018

NO.	REVISION DESCRIPTION	DATE
4.	PER TECHNICAL REVIEW	5/15/19
3.	PER TECHNICAL REVIEW MEETING	4/12/19
2.	PER CONSERVATION COMMENTS	2/20/19
1.	PER CONSERVATION COMMENTS	11/12/18
NO.	REVISION DESCRIPTION	DATE

