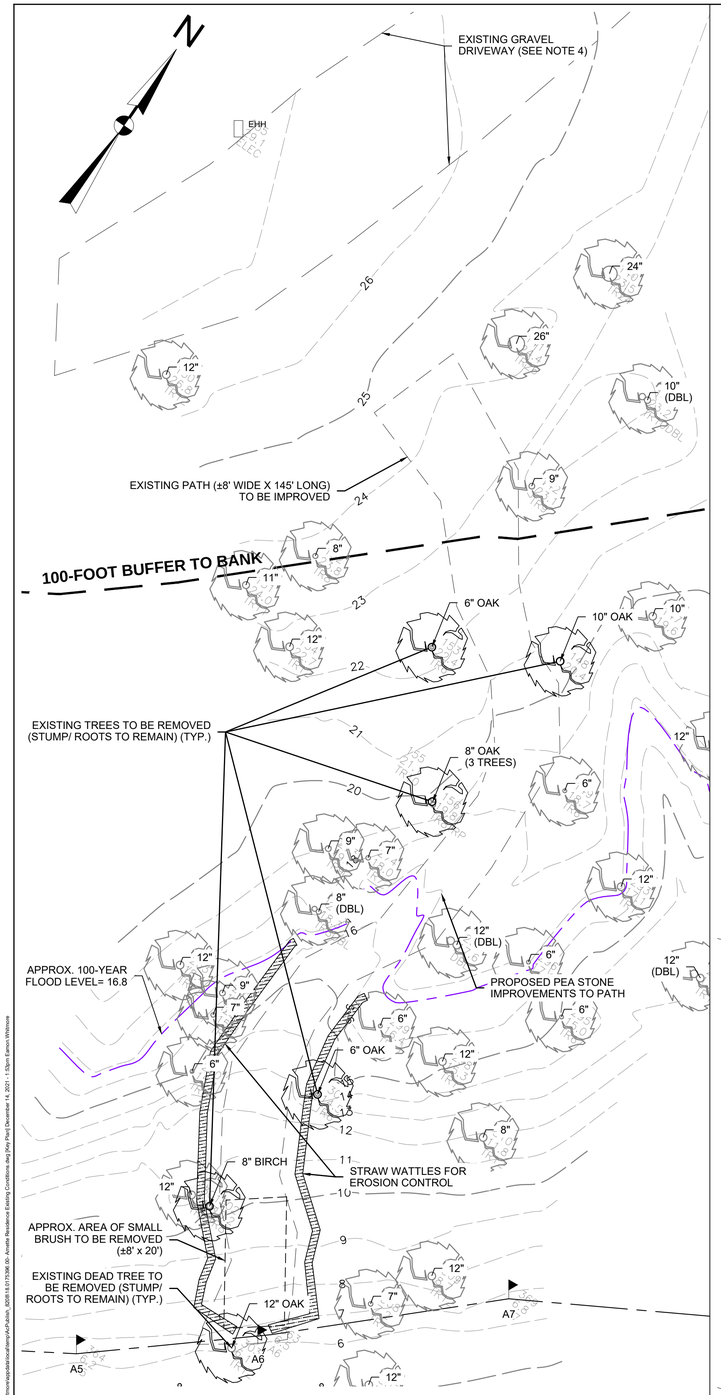
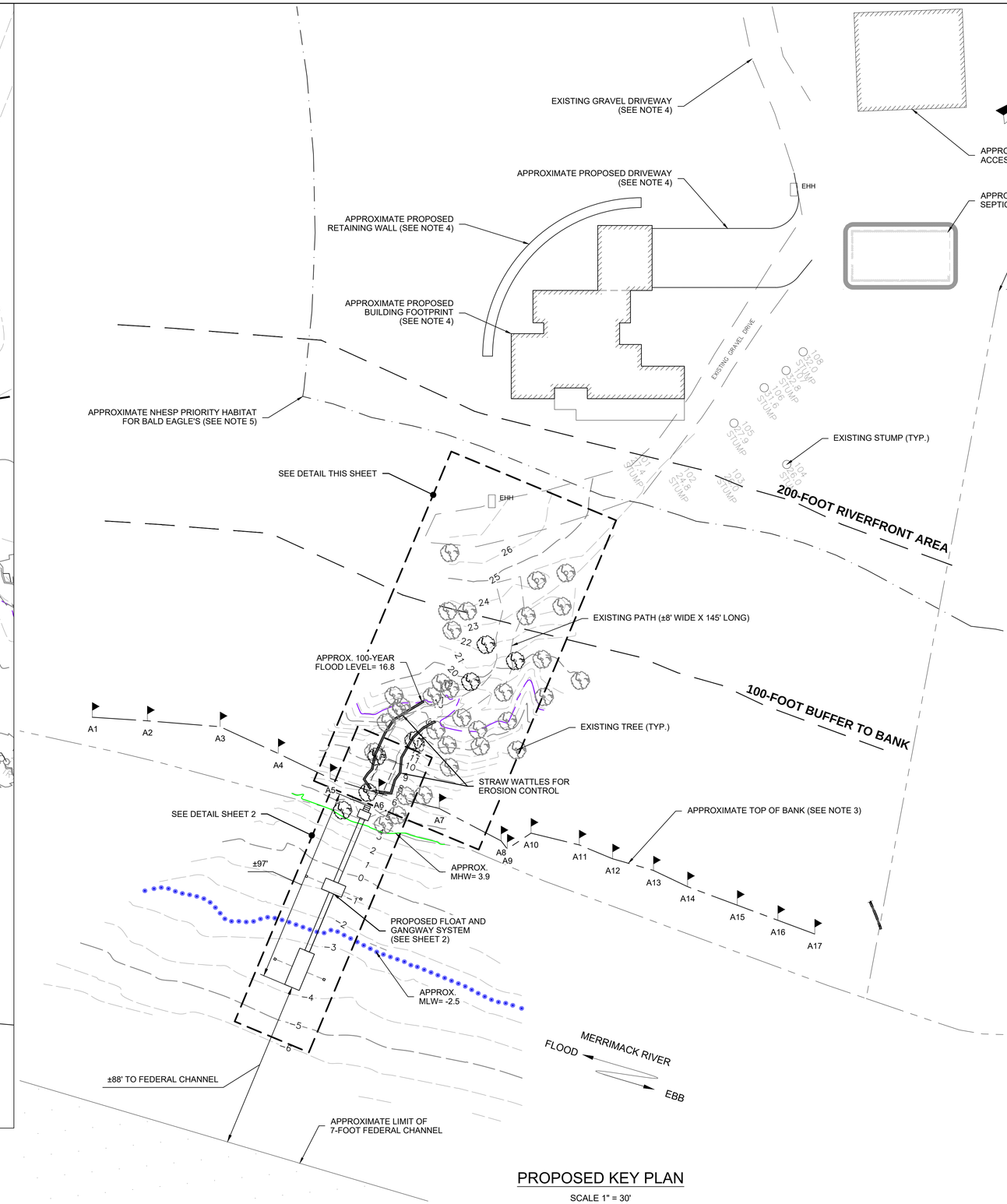


PROPOSED PATH IMPROVEMENTS DETAIL

SCALE 1" = 10'



PROPOSED KEY PLAN

SCALE 1" = 30'

GENERAL NOTES

1. ELEVATIONS ARE IN FEET AND REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88): MLW= -2.5, NAVD88= 0.0, MHW= 3.9.
2. LIMITED TOPOGRAPHIC AND BATHYMETRIC SURVEY PERFORMED BY GZA GEOENVIRONMENTAL, INC. (GZA), ON OCTOBER 29, 2021 AND NOVEMBER 5, 2021 RESPECTIVELY AND REPRESENTS CONDITIONS AT THE TIME OF THE SURVEY.
3. DELINEATION OF WETLAND RESOURCES PERFORMED BY RIMMER ENVIRONMENTAL CONSULTING, LLC (REC), ON OCTOBER 28, 2021 AND SURVEYED BY GZA ON OCTOBER 29, 2021.
4. SITE FEATURES WERE SCALED FROM ELECTRONIC FILES BY GA CONSULTANTS, INC. ENTITLED "SEPTIC SYSTEM DESIGN" DATED SEPTEMBER 15, 2021.
5. APPROXIMATE PROPERTY LINES AND NHESP PRIORITY HABITAT FOR RARE SPECIES LINES OBTAINED FROM ONLINE AVAILABLE MASSGIS DATA LAYERS.

LEGEND

- EXISTING CONTOUR MAJOR
- EXISTING CONTOUR MINOR
- APPROXIMATE PROPERTY LINE
- APPROXIMATE WETLANDS LIMIT
- 100-FOOT RIVERFRONT BUFFER ZONE
- 200-FOOT RIVERFRONT BUFFER ZONE
- EXISTING TREE LOCATED WITHIN APPROXIMATE 25 FEET OF PATH
- A10 — WETLANDS FLAG PLACED BY RIMMER ENVIRONMENTAL CONSULTING, LLC.
- EHH — ELECTRIC SERVICE BOX
- STUMP

0 5 10 20 30
SCALE IN FEET

0 15 30 60 90
SCALE IN FEET

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PATH IMPROVEMENTS AND SEASONAL GANGWAY AND FLOAT
593 EAST BROADWAY ST.
HAVERHILL, MASSACHUSETTS 01830

PROPOSED KEY PLAN AND PATH IMPROVEMENTS DETAIL

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
JAMES ARNETTE
24 RIVER MEADOW DRIVE
WEST NEWBURY, MA

PROJ MGR: DAS	REVIEWED BY: DAS	CHECKED BY: --	DRAWING
DESIGNED BY: DAS	DRAWN BY: EJW/LFT	SCALE: AS SHOWN	1
DATE: DECEMBER 2021	PROJECT NO. 18.0175396.00	REVISION NO. -	SHEET NO. 1 OF 2

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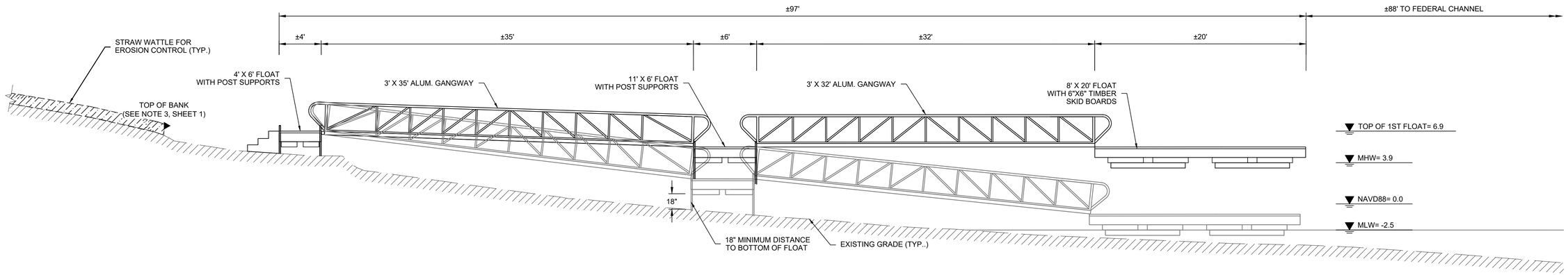
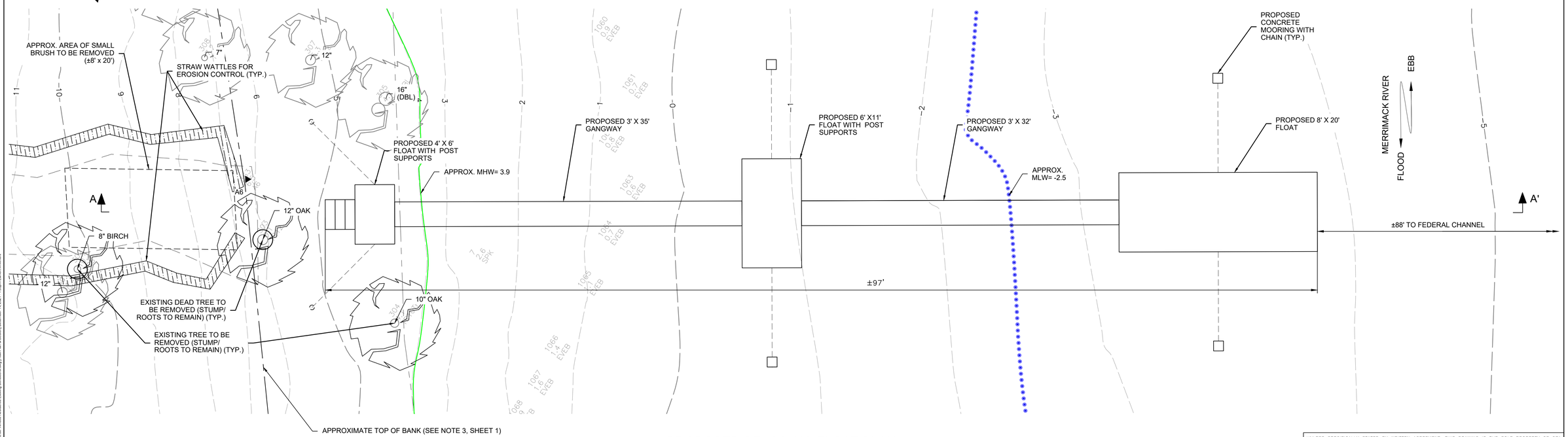


PROPOSED SEASONALFLOAT AND GANGWAY SECTION

SCALE 1" = 5'



PROPOSED SEASONAL FLOAT PLAN

SCALE 1" = 5'

0 5 10 15
SCALE IN FEET

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PATH IMPROVEMENTS AND SEASONAL FLOAT AND GANGWAY
593 EAST BROADWAY ST.
HAVERHILL, MASSACHUSETTS 01830

PROPOSED SEASONAL FLOAT PLAN AND SECTION

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Engineers and Scientists
www.gza.com

PREPARED FOR:
JAMES ARNETTE
24 RIVER MEADOW DRIVE
WEST NEWBURY, MA

PROJ MGR: DAS	REVIEWED BY: --	CHECKED BY: --	DRAWING
DESIGNED BY: --	DRAWN BY: EJW/LFT	SCALE: AS SHOWN	2
DATE: DECEMBER 2021	PROJECT NO. 18.0175396.00	REVISION NO. -	SHEET NO. 2 OF 2

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