

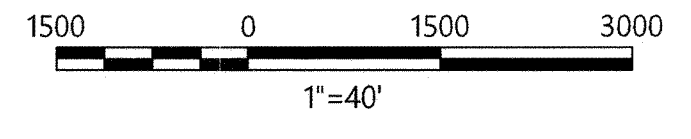
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- Legend**
- BANK FLAG
 - △ WETLAND FLAG
 - WETLAND PLOT LOCATION
 - ▨ WETLAND AREA
 - ▩ VERNAL POOL AREA
 - ▧ LAND UNDER WATER
 - 100'BZ— 100-FT BUFFER ZONE
 - 200'RA— 200-FT RIVER FRONT AREA
 - APX 200'RA- APPROX. 200-FT RIVER FRONT AREA
 - VEGETATED WETLAND BOUNDARY
 - AWL- APPROX. VEG. WETLAND BOUND.
 - STREAM BANK
 - INTERMITTENT STREAM
 - PERENNIAL STREAM
 - APX- APPROXIMATED INTERMITTENT STREAM
 - APX- APPROXIMATED PERENNIAL STREAM
 - BSLF- BORDERING LAND SUBJ. TO FLOOD
 - ISLF- ISOLATED LAND SUBJ. TO FLOOD
 - BFE- FEMA BASE FLOOD ELEVATION

- General Notes**
- THE PROPERTY LINES SHOWN ON THIS PLAN OF THE PARCELS AT 44 FOREST AVENUE IN HUDSON, AND 163 BOSTON POST ROAD IN SUDBURY, AND THE FORMER RAILROAD RIGHT-OF-WAY ARE BASED UPON AN ACTUAL FIELD SURVEY CONDUCTED BY VHB, INC. IN 2015 AND FROM DEEDS AND PLANS OF RECORD.
 - THE EXISTING CONDITIONS SHOWN ON THIS PLAN WERE DEVELOPED FROM A COMBINED EFFORT OF AERIAL PHOTOGRAMMETRIC MAPPING BY EASTERN TOPOGRAPHICS, INC., BASED ON AERIAL PHOTOGRAPHS TAKEN ON FEBRUARY 22, 2013, AND AUGMENTED BY AN ON-THE-GROUND SURVEY PERFORMED BY VHB DURING 2015 AND 2017.
 - THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD OBSERVATIONS AND INFORMATION OF RECORD. THEY ARE NOT WARRANTED TO BE EXACTLY LOCATED NOR IS IT WARRANTED THAT ALL UNDERGROUND UTILITIES OR OTHER STRUCTURES ARE SHOWN ON THIS PLAN.
 - HORIZONTAL DATUM IS BASED ON MASS. GRID SYSTEM, NAD 1983. ELEVATIONS SHOWN ON THIS PLAN REFER TO NAVD OF 1988.
 - THE DELINEATED WETLANDS SHOWN ON THIS PLAN WERE FLAGGED BY VHB ENVIRONMENTAL DEPARTMENT AND FIELD SURVEYED BY VHB SURVEY DEPARTMENT IN SEPTEMBER AND OCTOBER, 2017.
 - THE APPROXIMATE WETLANDS AND STREAMS, AND THEIR ASSOCIATED BUFFERS AND RIVERFRONT AREAS, WHERE APPLICABLE, WERE TAKEN FROM AVAILABLE MASSGIS DATA. THESE WERE NOT FIELD DELINEATED OR FIELD VERIFIED.

Russell J. Bousquet
1/27/18



STRUCTURES				
NO.	TYPE	HEIGHT	SPAN	GUYS

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Vanasse Hangen Brustlin, Inc.
Transportation 101 Walnut Street, P.O. Box 9151
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Environmental Services 617.924.1770 • FAX 617.924.2286

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Hudson, Massachusetts

Drawing Title
Existing Conditions Plan For ANRAD Submittal

DATE: OCTOBER 18, 2017

SHEET 1 OF 24

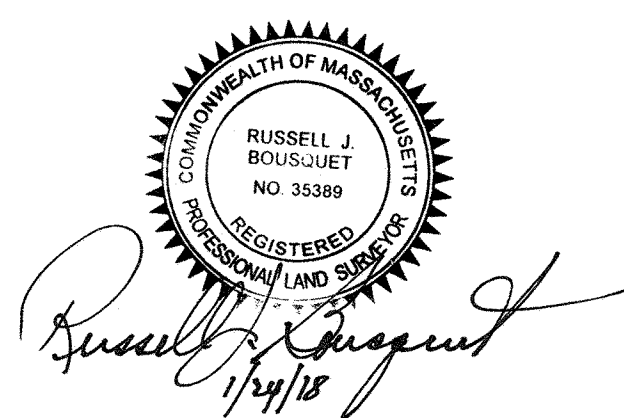
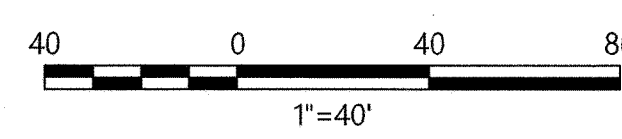
HUDSON

Legend

- BANK FLAG
- WETLAND FLAG
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- WETLAND AREA
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SEE SHEET 3



STRUCTURES				
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SHEET 2 OF 24

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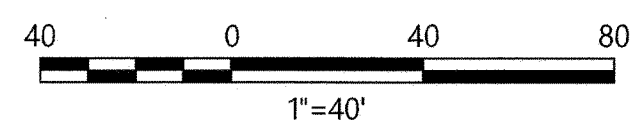
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- WETLAND FLAG
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Russell J. Bousquet
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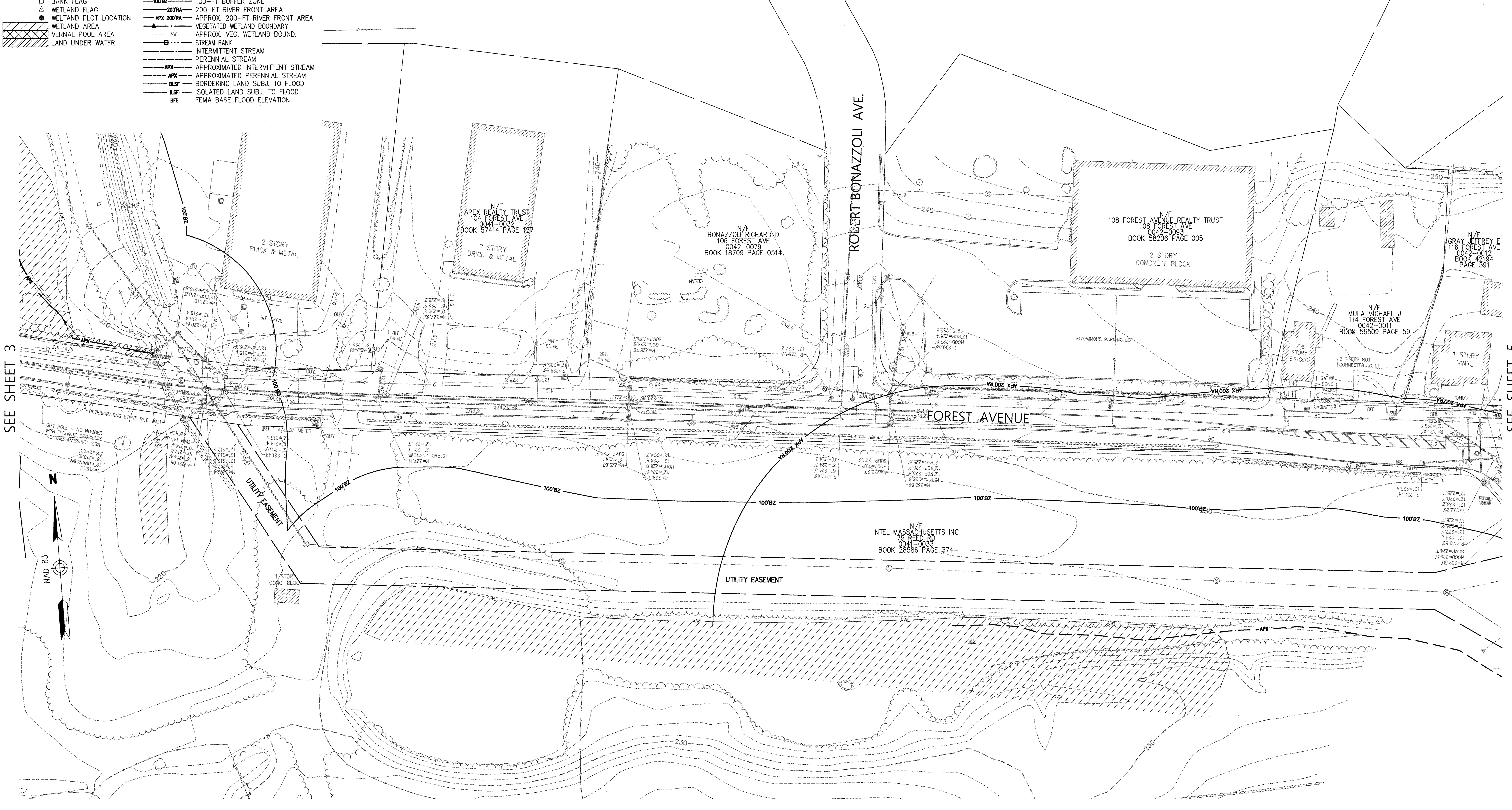
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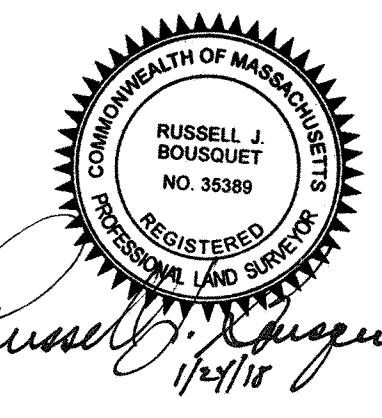
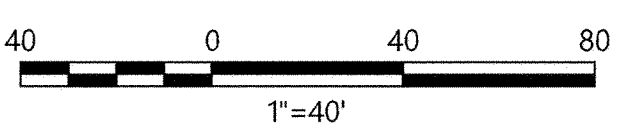
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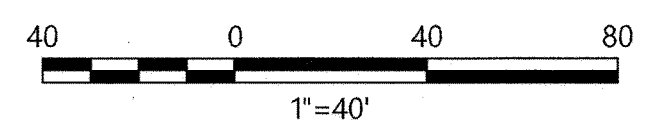
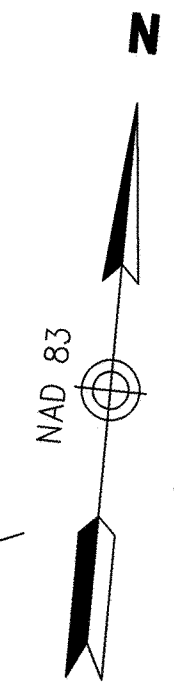
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SEE SHEET 6



Russell J. Rouquet
 1/24/18

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



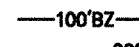





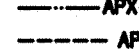

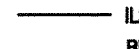




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SHEET 5 OF 24

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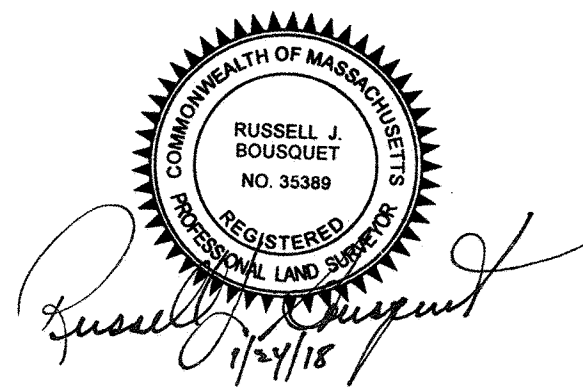
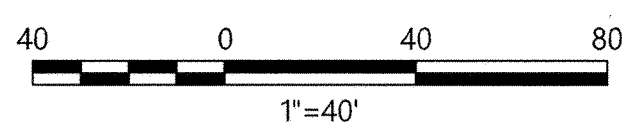
Legend

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-  FEMA BASE FLOOD ELEVATION



SEE SHEET 5


SEE SHEET 7



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Drawing Title

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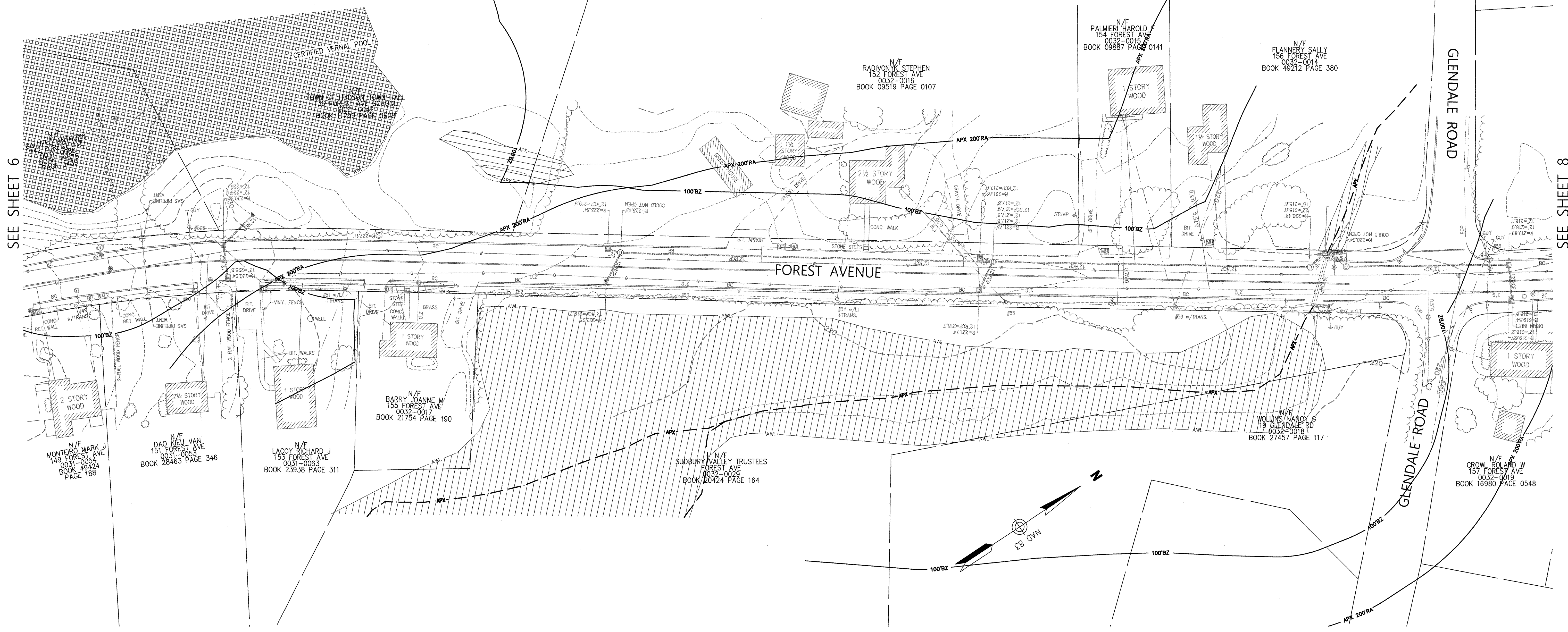
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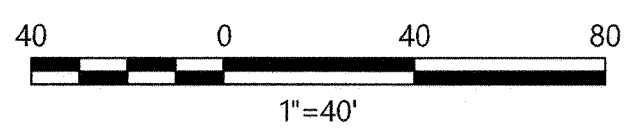
HUDSON

Legend

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Russell J. Russell
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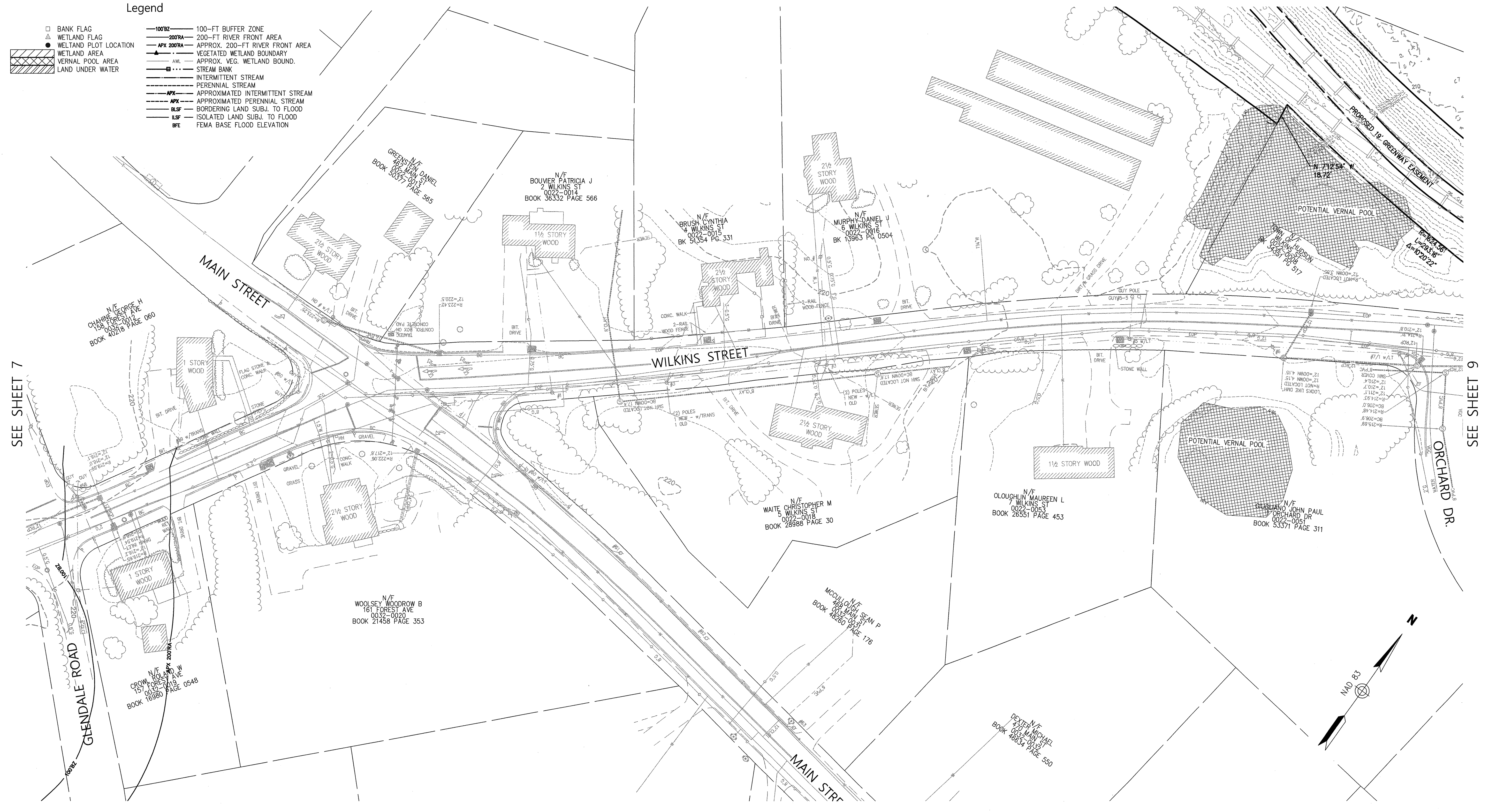
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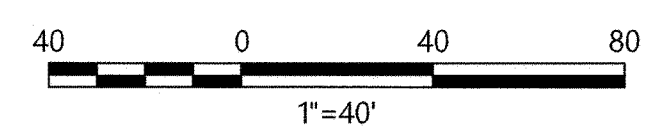
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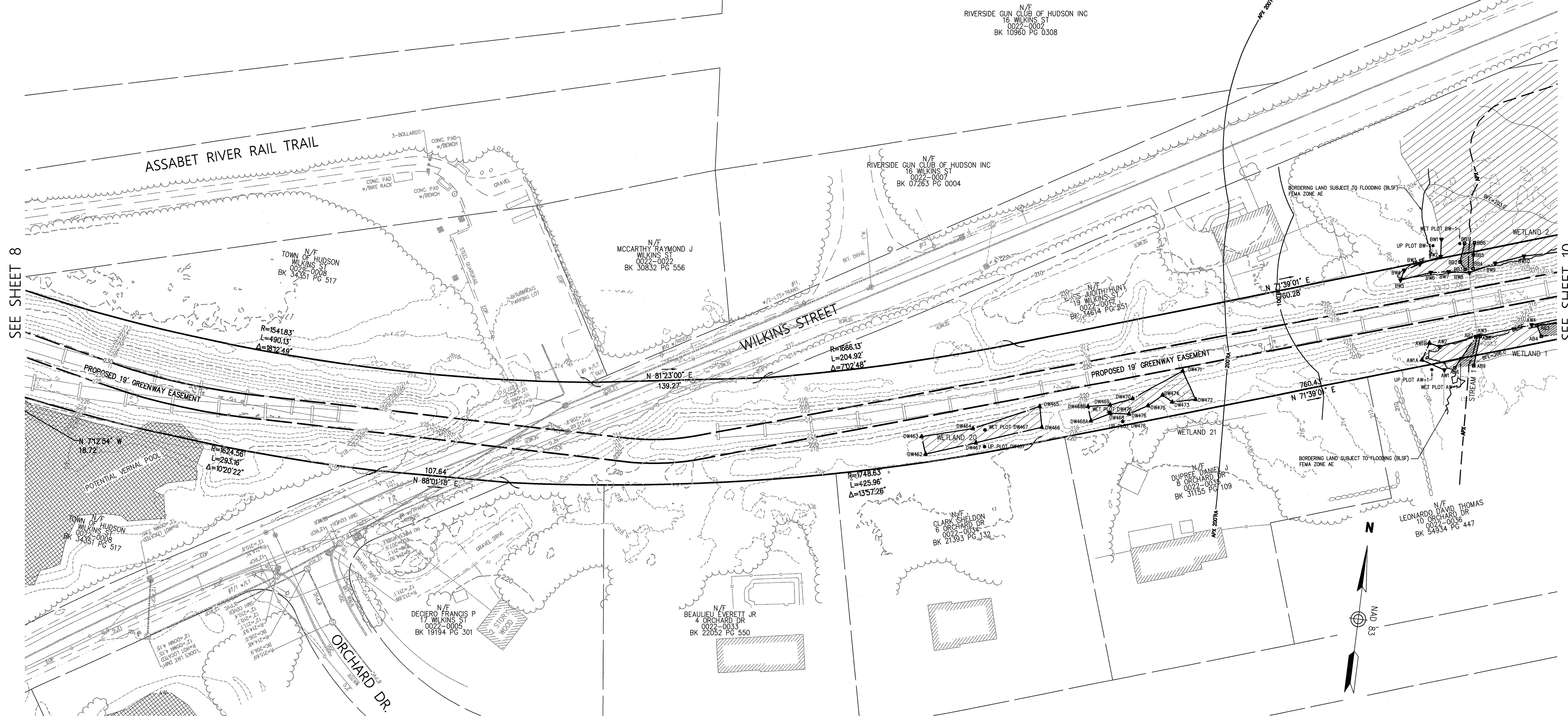
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SHEET 8 OF 24

HUDSON

Legend

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SEE SHEET 8

SEE SHEET 10



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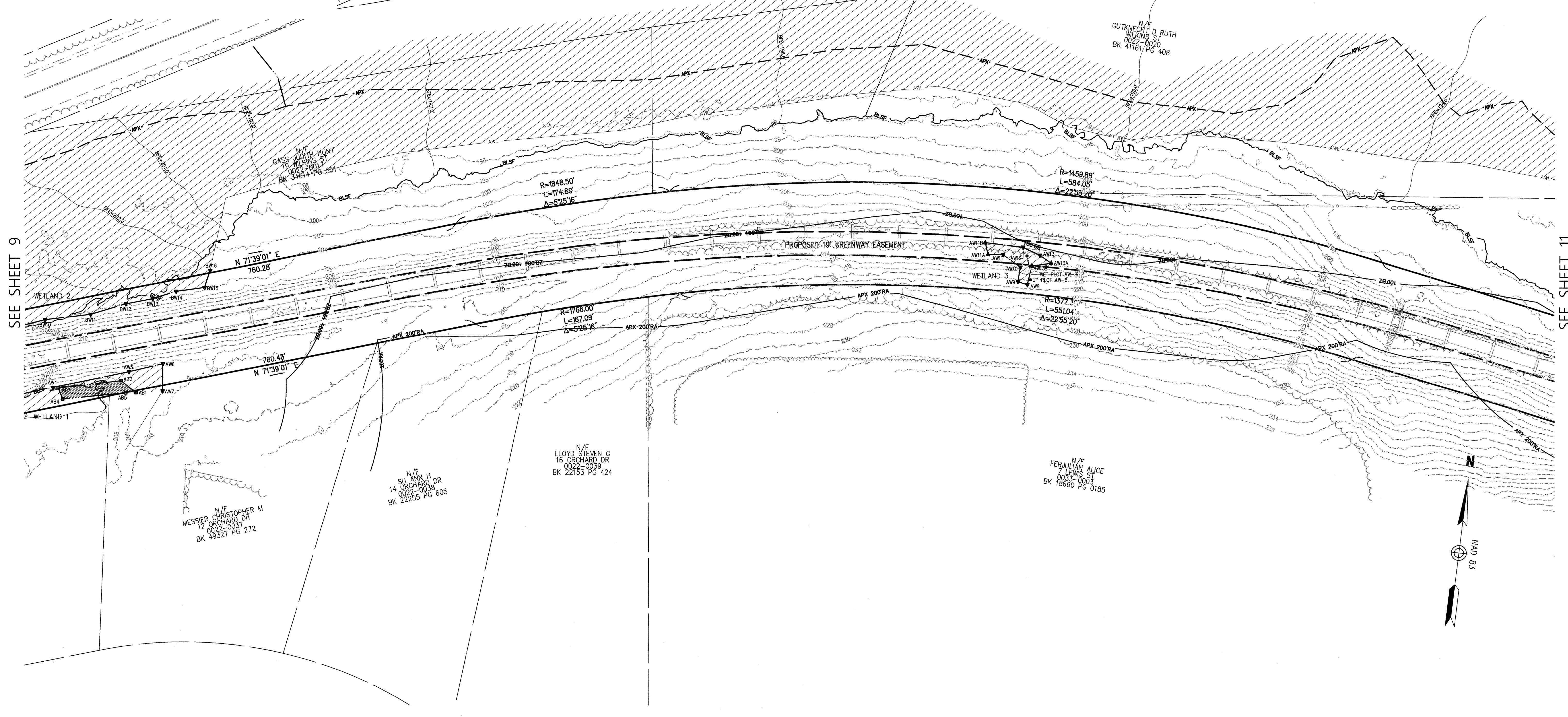
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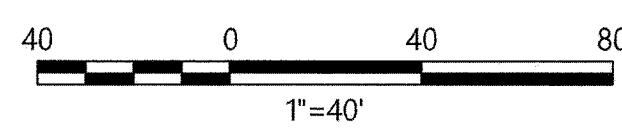
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SEE SHEET 11



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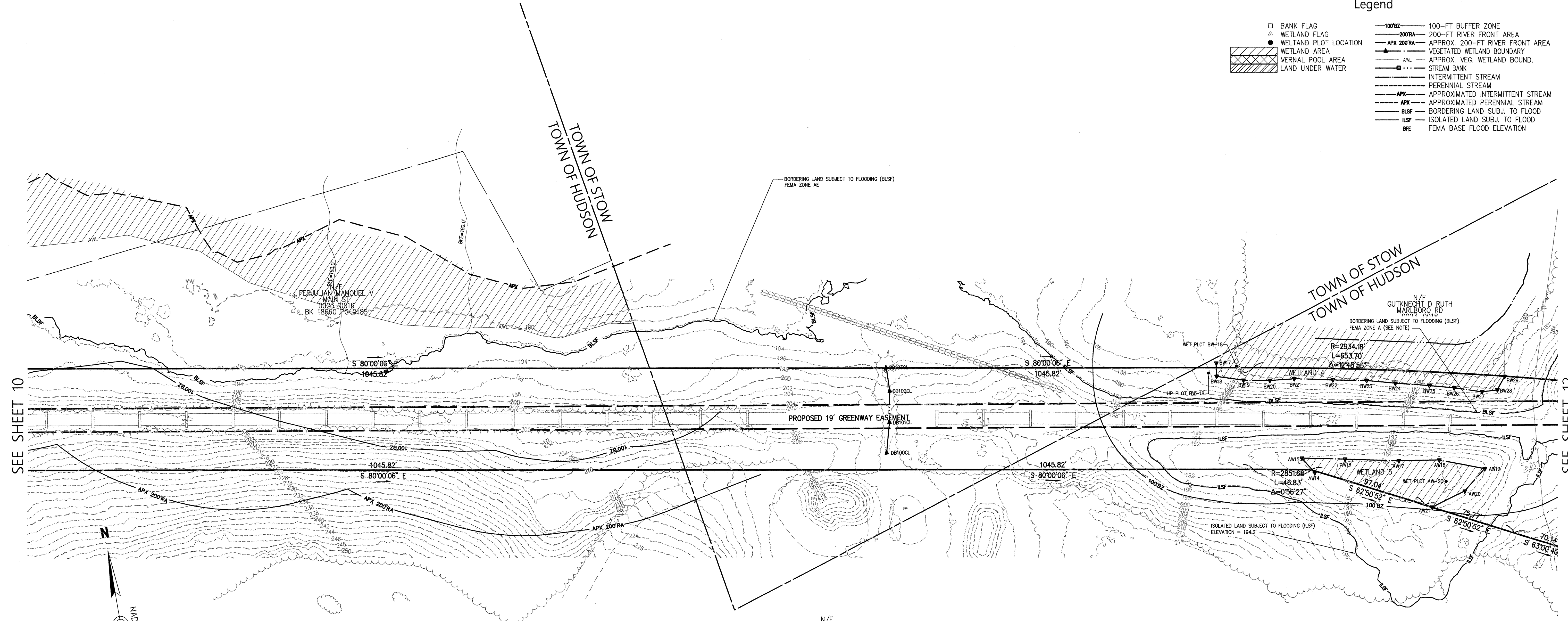
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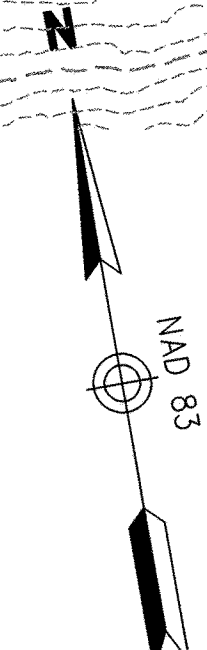
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- PERENNIAL STREAM
- APPROXIMATED INTERMITTENT STREAM
- APPROXIMATED PERENNIAL STREAM
- BORDERING LAND SUBJ. TO FLOOD
- ISOLATED LAND SUBJ. TO FLOOD
- FEMA BASE FLOOD ELEVATION



SEE SHEET 10

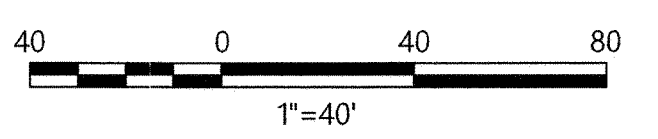
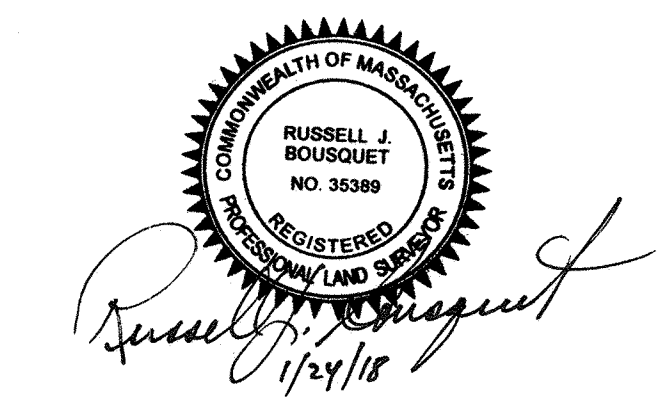
SEE SHEET 12



N/F
FERJULIAN ALICE
7 LEWIS ST
0033-0003
BK 18660 PG 0185

Note:

VHB USED THE UPSTREAM FEMA BASE FLOOD ELEVATION (192.3) AS THE LIMITS OF THE BORDERING LAND SUBJECT TO FLOODING (BLSF) WITHIN THE FEMA ZONE A. ELEVATION 192.3 WAS DETERMINED USING CROSS SECTION A-A FOR ASSABET BRANCH NO. 4 FROM THE FEMA FLOOD INSURANCE STUDY AND REPRESENTS A CONSERVATIVE ASSUMPTION (HIGHEST ELEVATION) FOR THE BASE FLOOD ELEVATION FOR THIS AREA.



STRUCTURES				
NO.	TYPE	HEIGHT	SPAN	GUYS

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Environmental Services 617.924.1770 • FAX 617.924.2286

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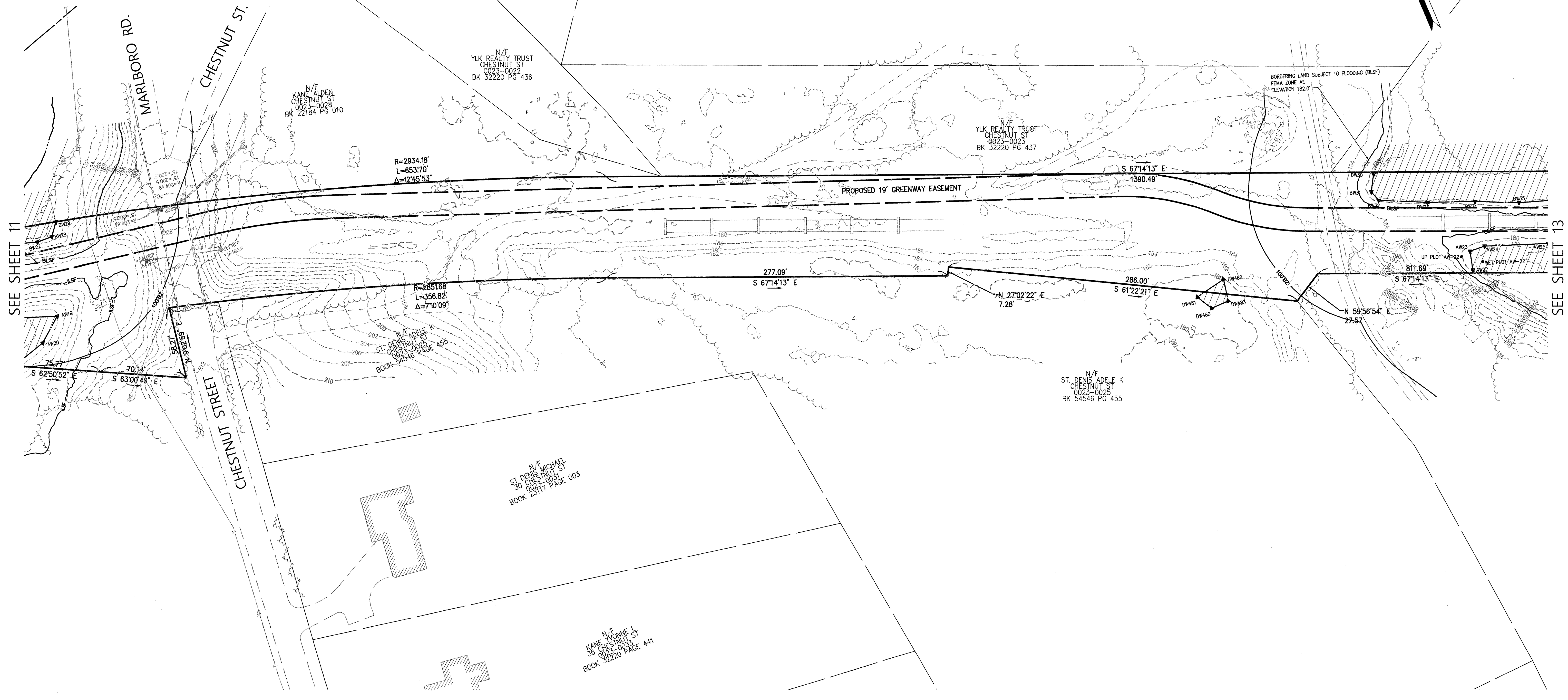
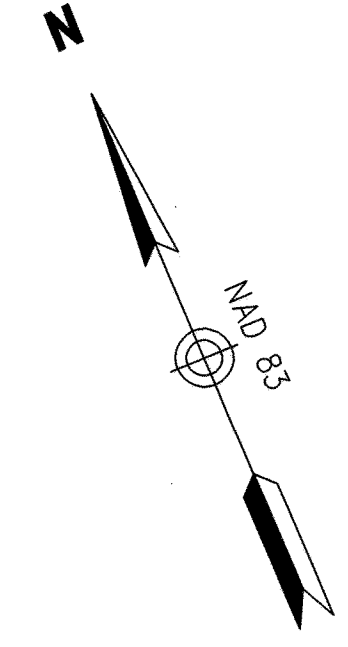
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SHEET 11 OF 24

HUDSON

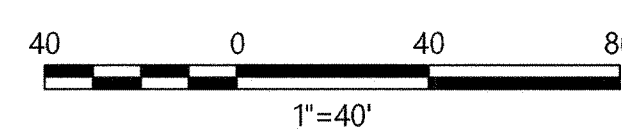
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- WETLAND FLAG
- WETLAND PLOT LOCATION
- WETLAND AREA
- VERNAL POOL AREA
- LAND UNDER WATER
- 100'-FT BUFFER ZONE
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SEE SHEET 11

SEE SHEET 13



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1/24/18

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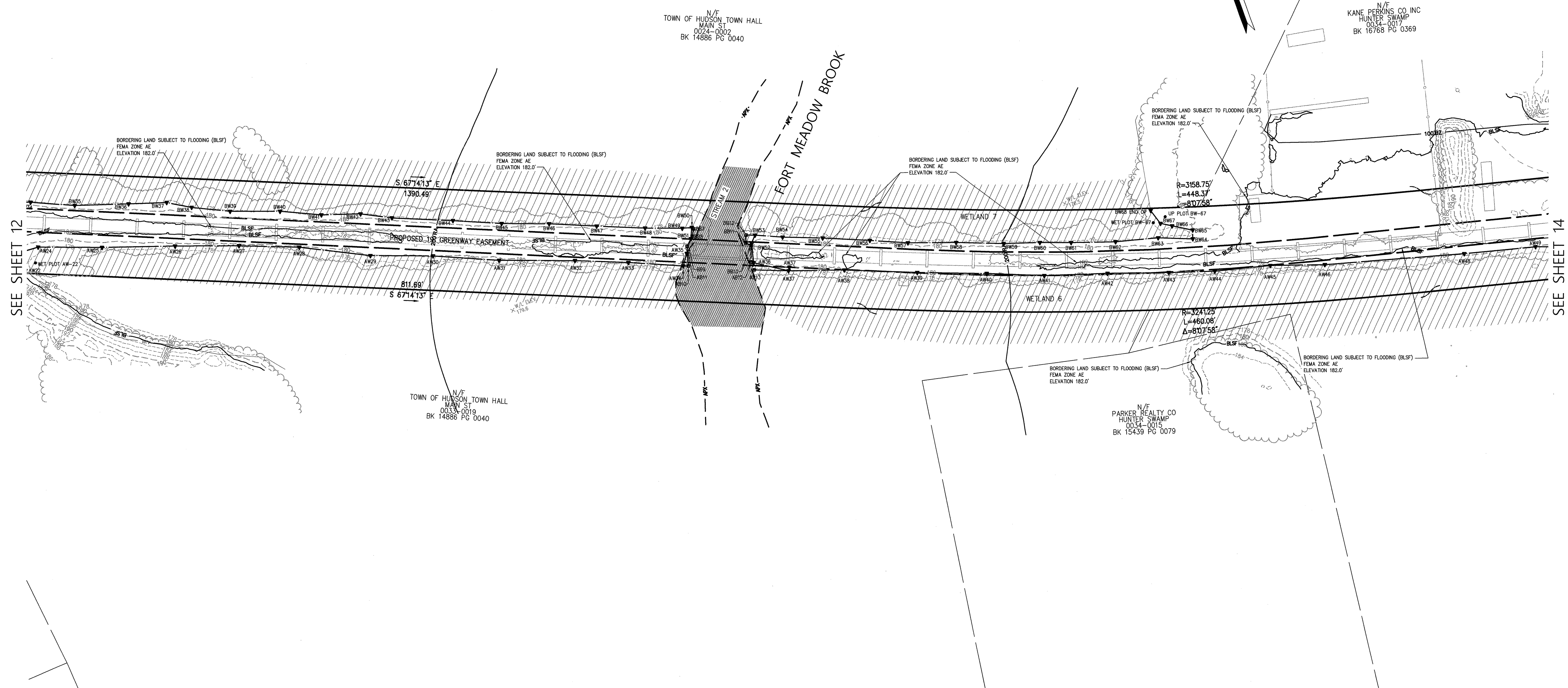
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HUDSON

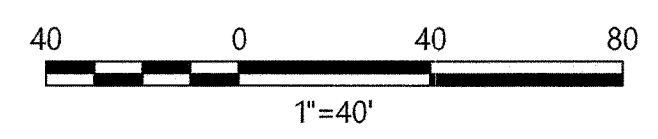
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SEE SHEET 12

SEE SHEET 14



Russell J. Bousquet
 1/25/18

STRUCTURES				
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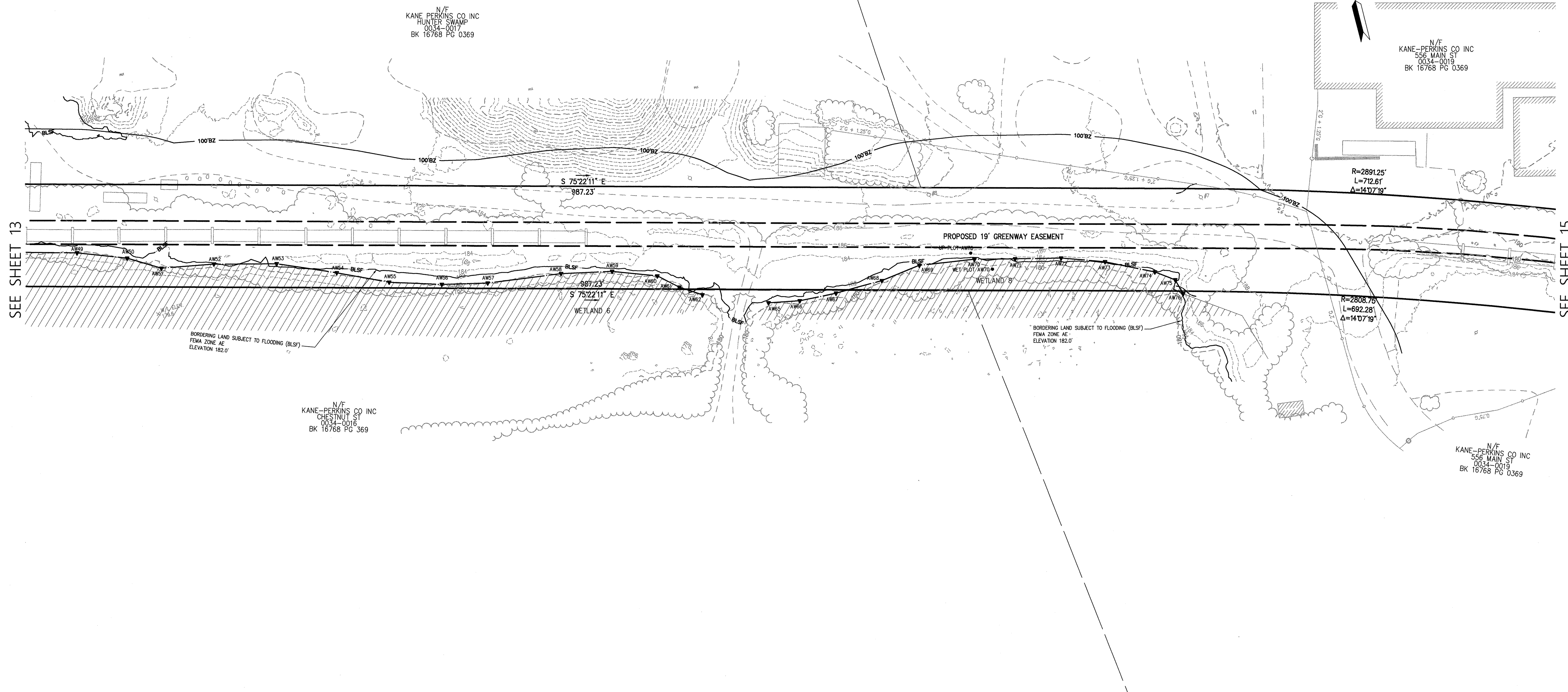
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HUDSON

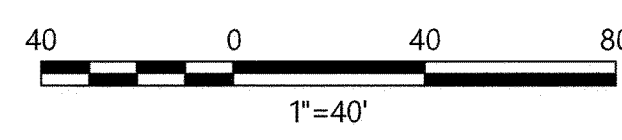
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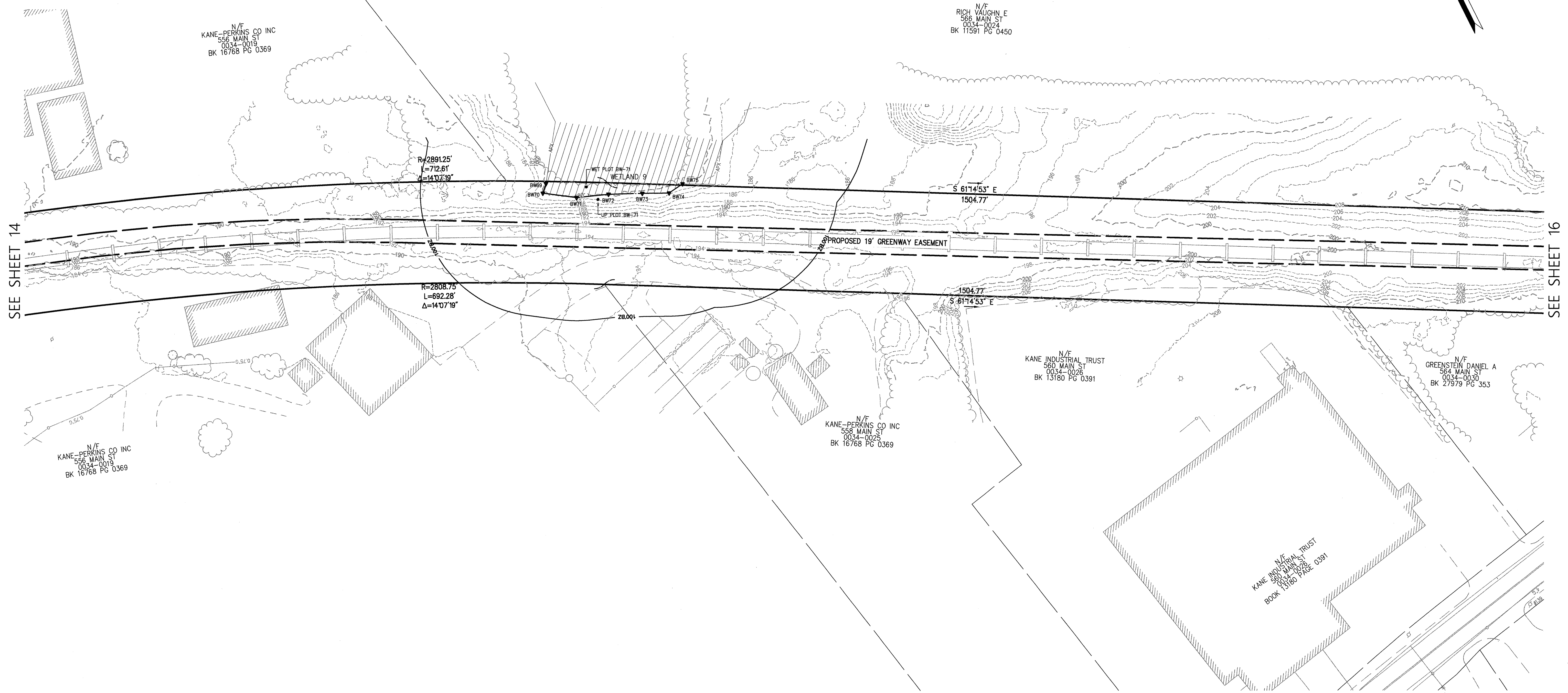
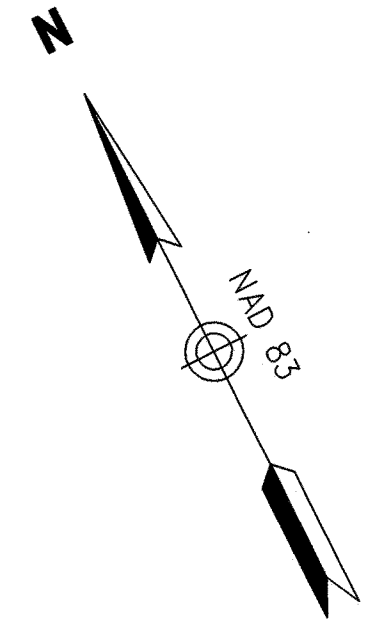
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HUDSON

Legend

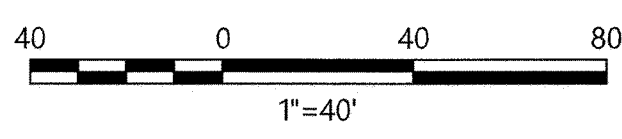
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SHEET 15 OF 24

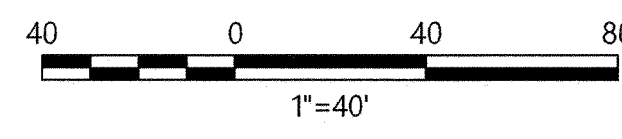
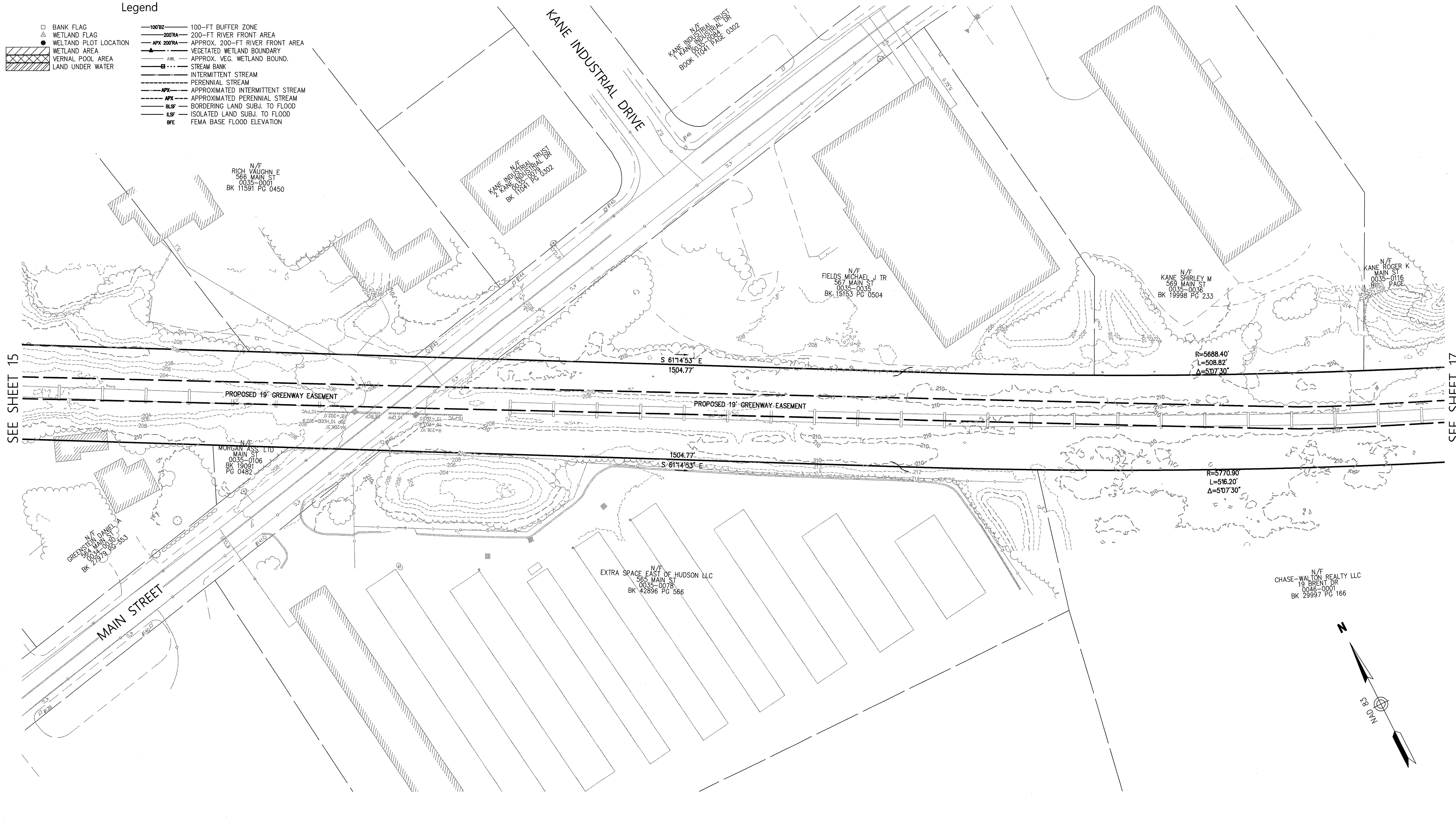
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Legend

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SEE SHEET 17



Russell J. Russett
 11-4-18

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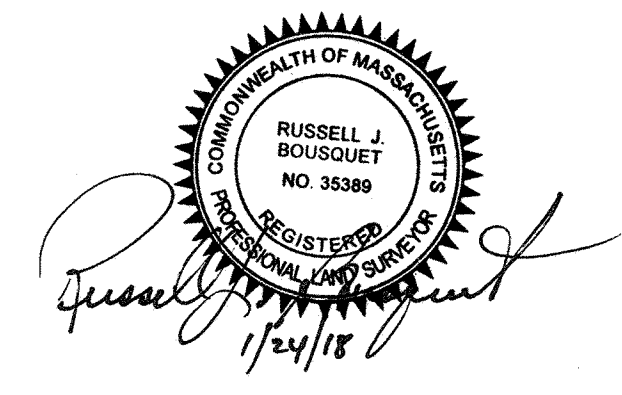
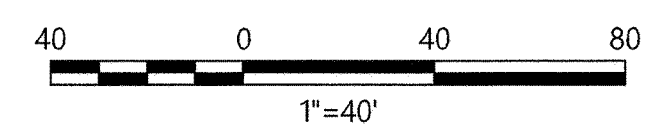
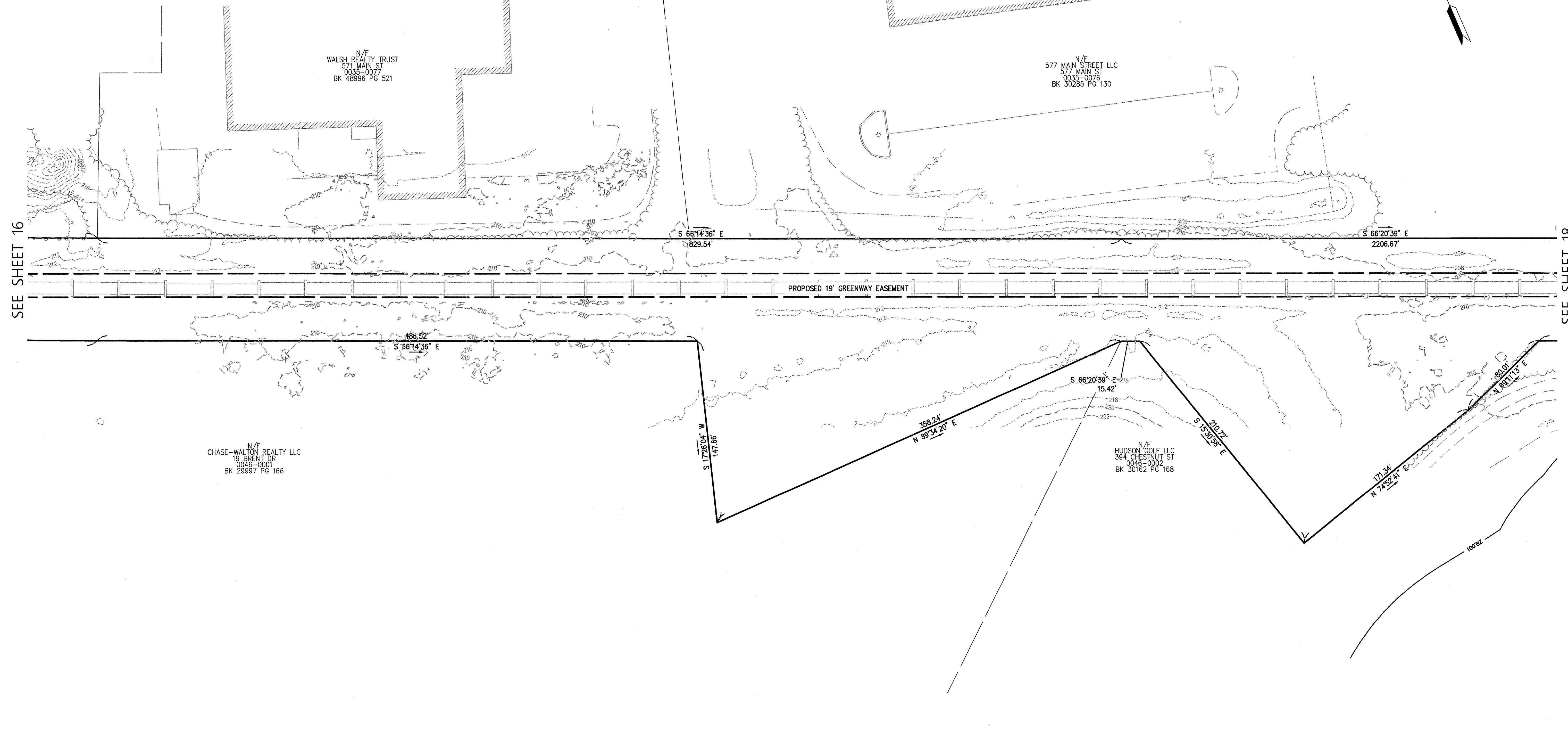
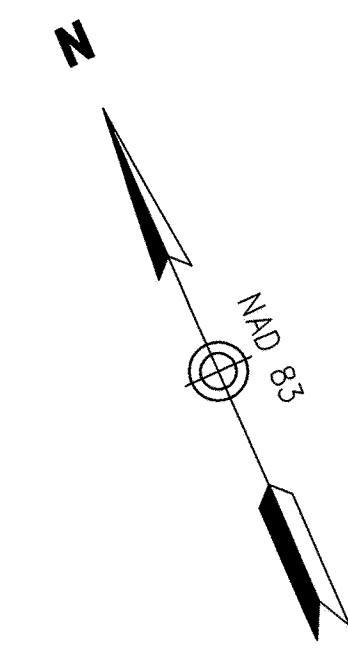
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Legend

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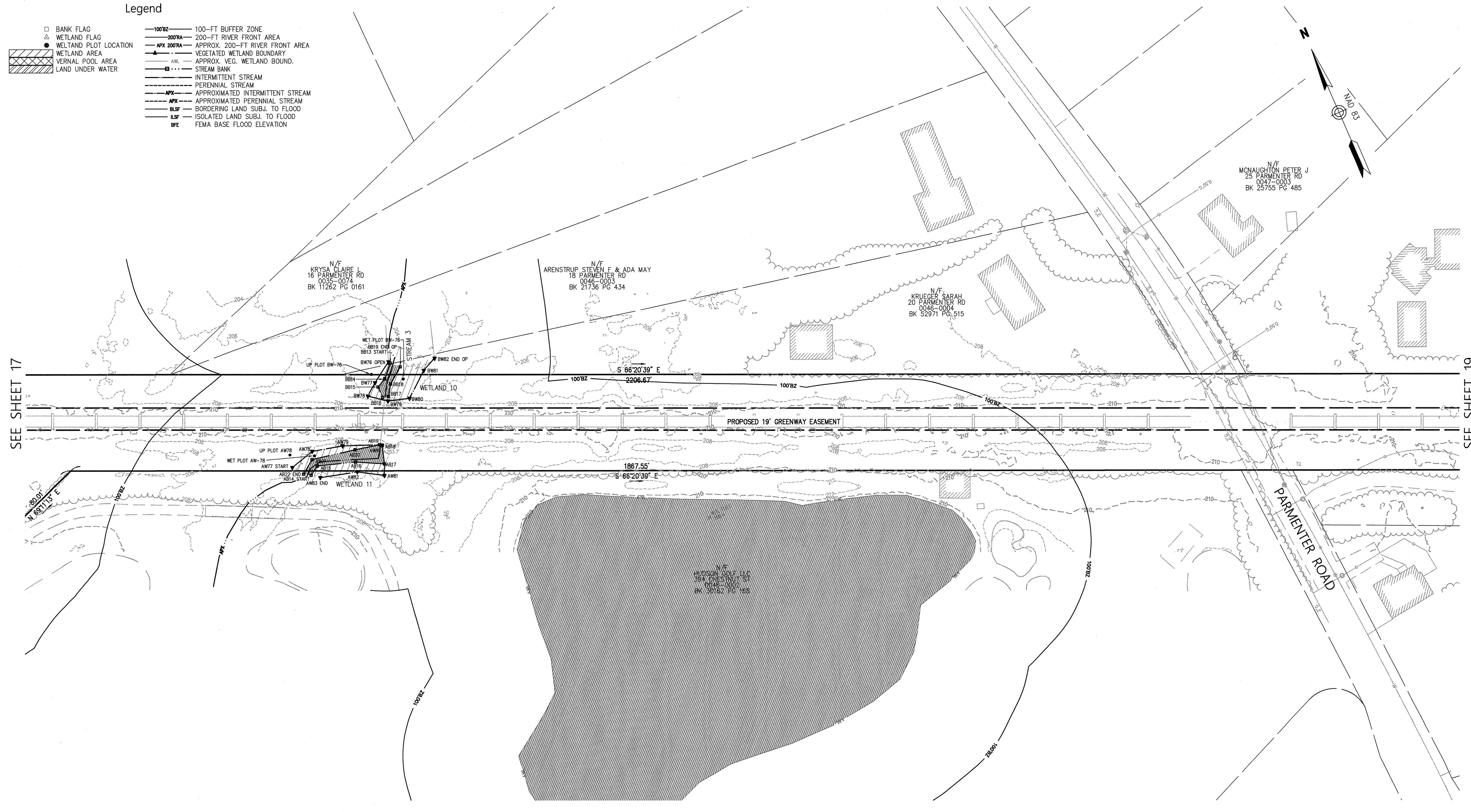
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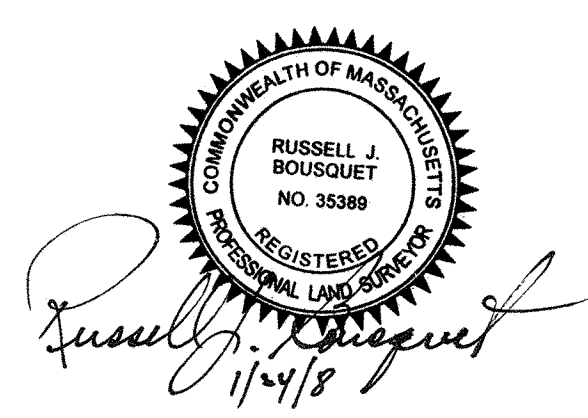
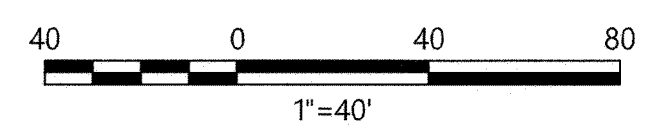
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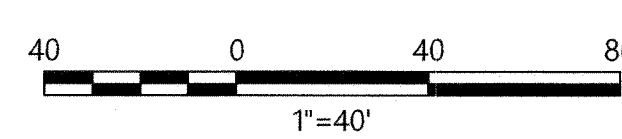
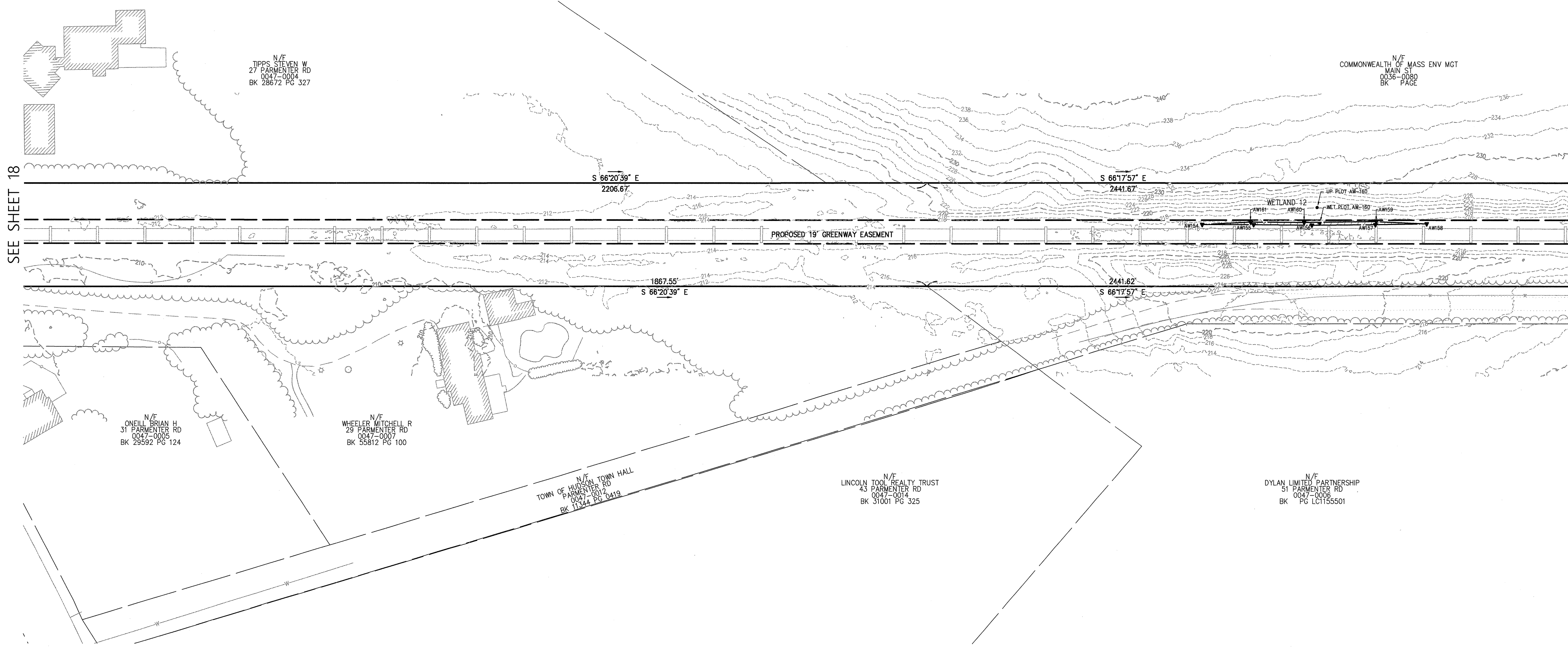
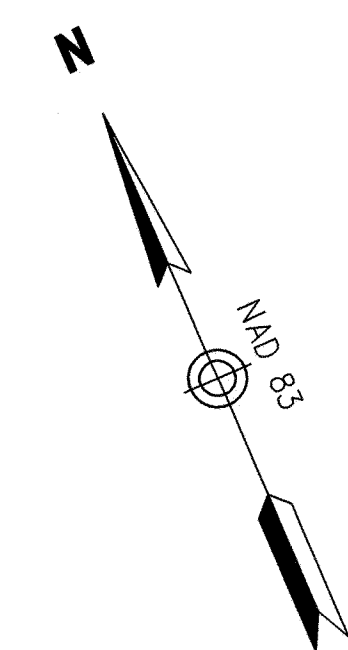
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 1/24/18

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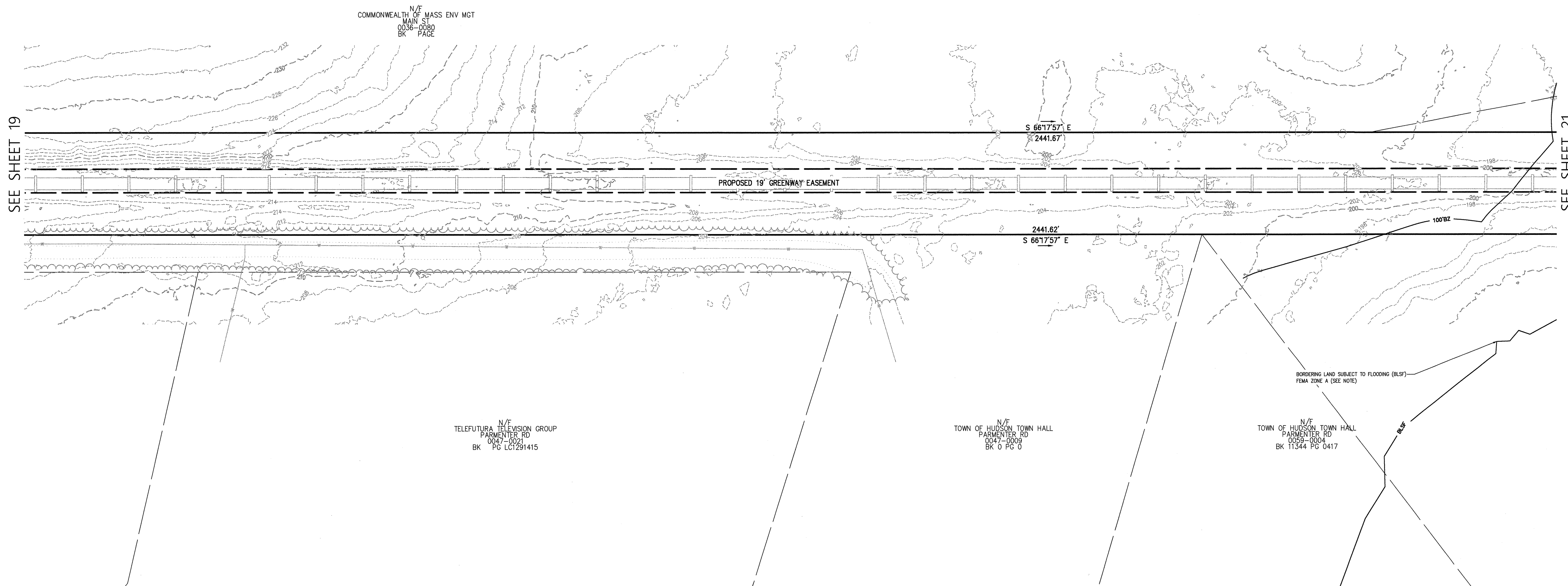
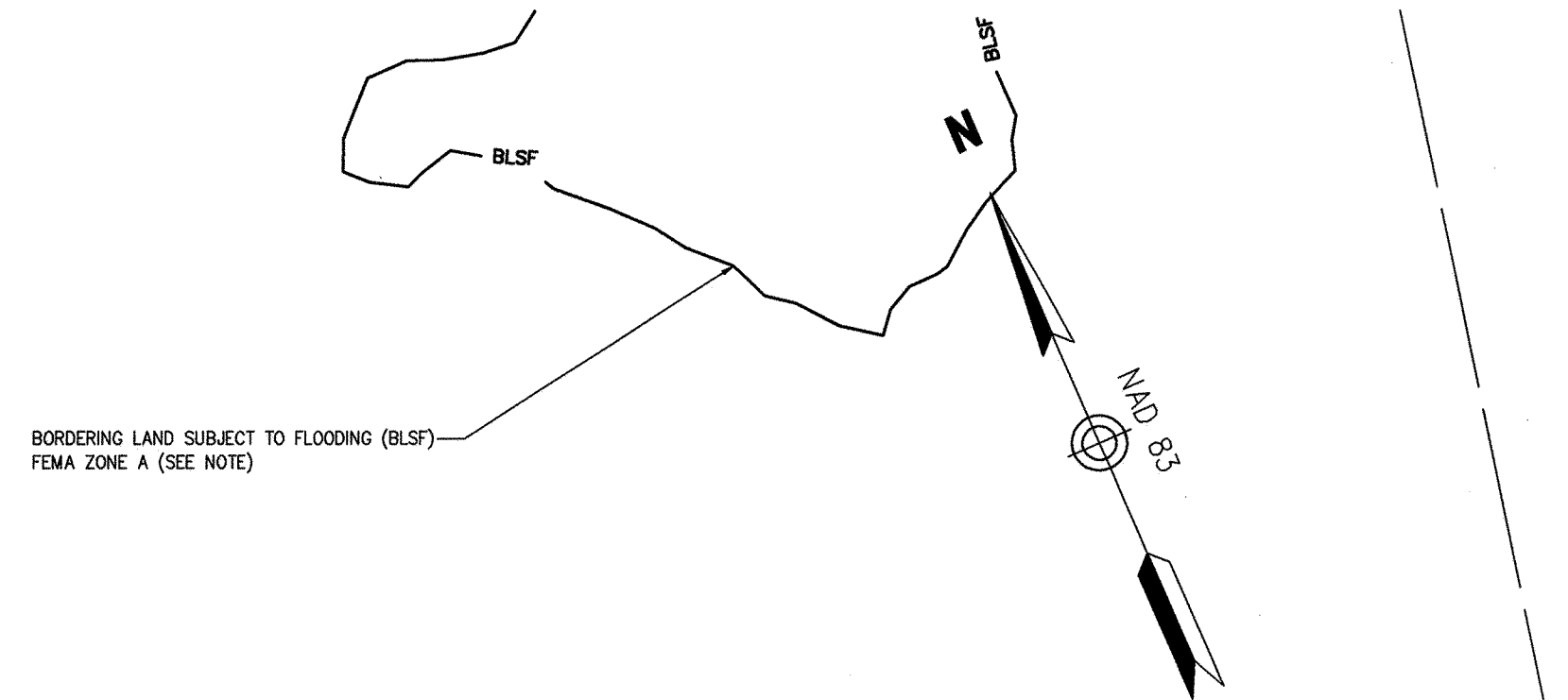
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HUDSON

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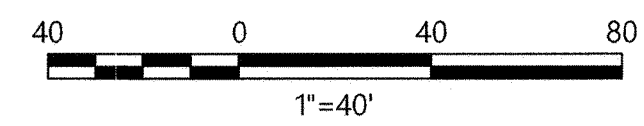


SEE SHEET 19

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Note

FEMA FIRM MAP NUMBER #25017C0363F, DATED JULY 7, 2014, WAS USED TO DELINEATE THE EXTENTS OF THE FEMA ZONE A. THERE IS NO BASE FLOOD ELEVATION ASSOCIATED WITH THE FEMA ZONE A.



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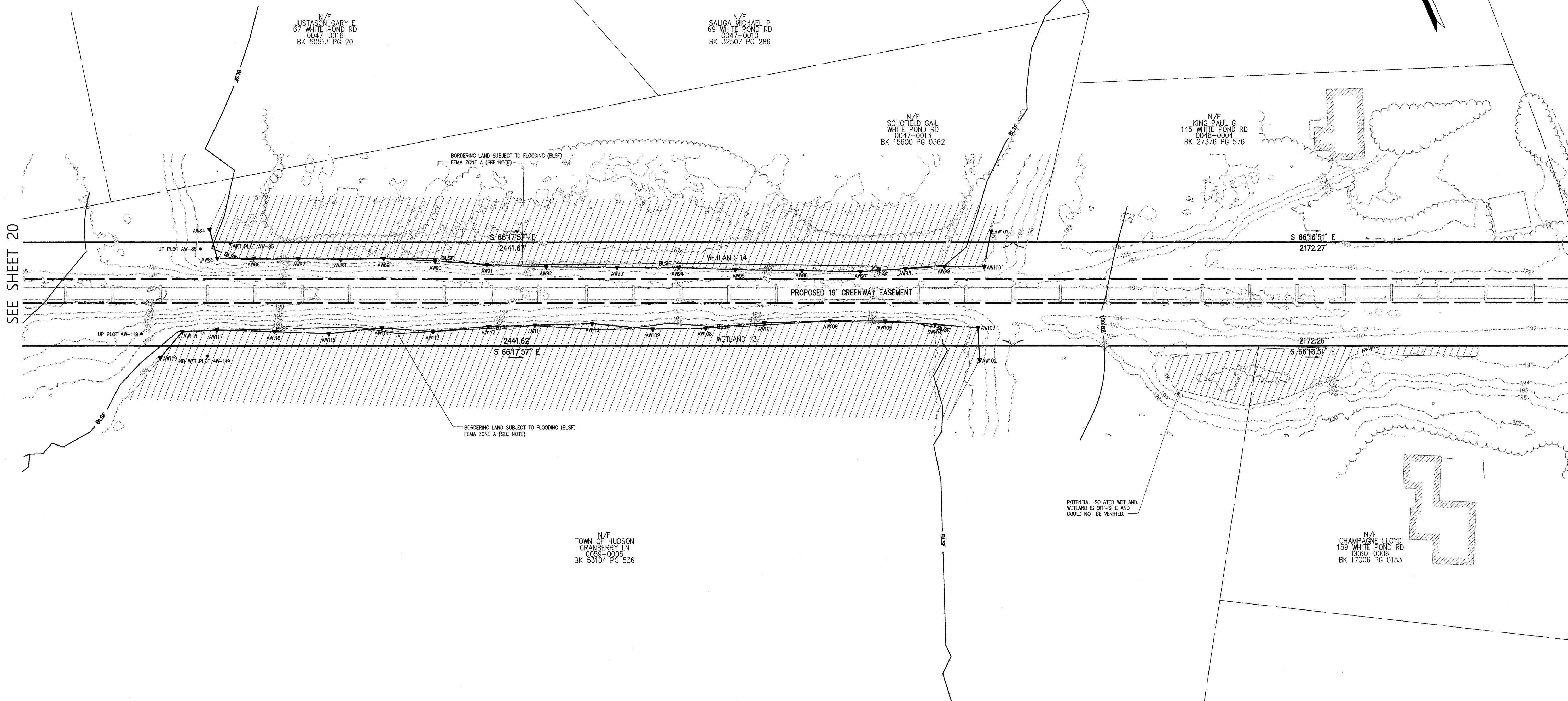
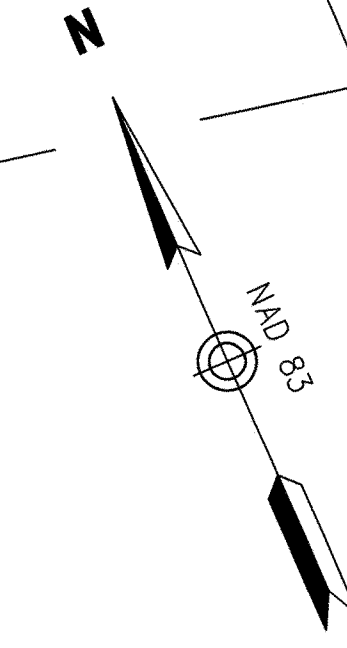
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- BANK FLAG
- WETLAND FLAG
- WETLAND PLOT LOCATION
- WETLAND AREA
- VERNAL POOL AREA
- LAND UNDER WATER
- 100-FT BUFFER ZONE
- 200-FT RIVER FRONT AREA
- APPROX. 200-FT RIVER FRONT AREA
- VEGETATED WETLAND BOUNDARY
- APPROX. VEG. WETLAND BOUND.
- STREAM BANK
- INTERMITTENT STREAM
- PERENNIAL STREAM
- APPROXIMATED INTERMITTENT STREAM
- APPROXIMATED PERENNIAL STREAM
- BORDERING LAND SUBJ. TO FLOOD
- ISOLATED LAND SUBJ. TO FLOOD
- FEMA BASE FLOOD ELEVATION



SEE SHEET 20

SEE SHEET 22

N/F
JUSTASON GARY E
67 WHITE POND RD
0047-0016
BK 50513 PG 20

N/F
SALICA MICHAEL P
69 WHITE POND RD
0047-0010
BK 32507 PG 286

N/F
SCHOFIELD CAIL
WHITE POND RD
0047-0013
BK 15600 PG 0362

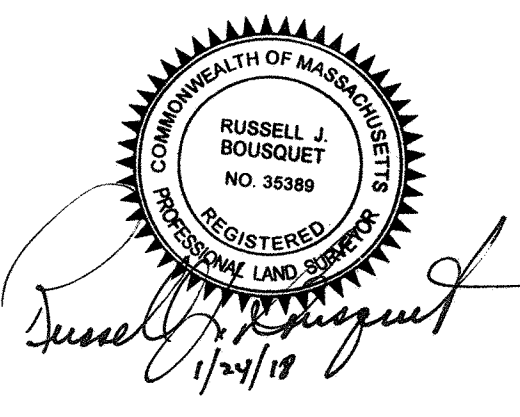
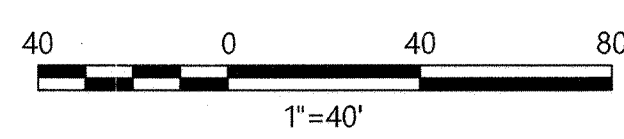
N/F
KING PAUL G
145 WHITE POND RD
0045-0004
BK 27376 PG 576

N/F
TOWN OF HUDSON
CRANBERRY LN
0059-0005
BK 53104 PG 536

N/F
CHAMPLANE LLOYD
159 WHITE POND RD
0050-0006
BK 17006 PG 0153

Note

FEMA FIRM MAP NUMBER #25017C0363F, DATED JULY 7, 2014, WAS USED TO DELINEATE THE EXTENTS OF THE FEMA ZONE A. THERE IS NO BASE FLOOD ELEVATION ASSOCIATED WITH THE FEMA ZONE A.



STRUCTURES				
NO.	TYPE	HEIGHT	SPAN	GUYS

Prepared By
Vanasse Hangen Brustlin, Inc.
 Transportation 101 Walnut Street, P.O. Box 9151
 Land Development Watertown, Massachusetts 02471-9151
 Environmental Services 617.924.1770 • FAX 617.924.2286

REVISIONS		
NO.	COMMENTS	DATE
1	REVISED PER ISLF & BSLF DATA AND HUDSON CON COMM COMMENTS	11/28/2017
2	REVISED WETLAND RESOURCE LIMITS	1/24/2018

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Project Title
Sudbury-Hudson Transmission Reliability Project
 Hudson, Massachusetts

Drawing Title
Existing Conditions Plan For ANRAD Submittal

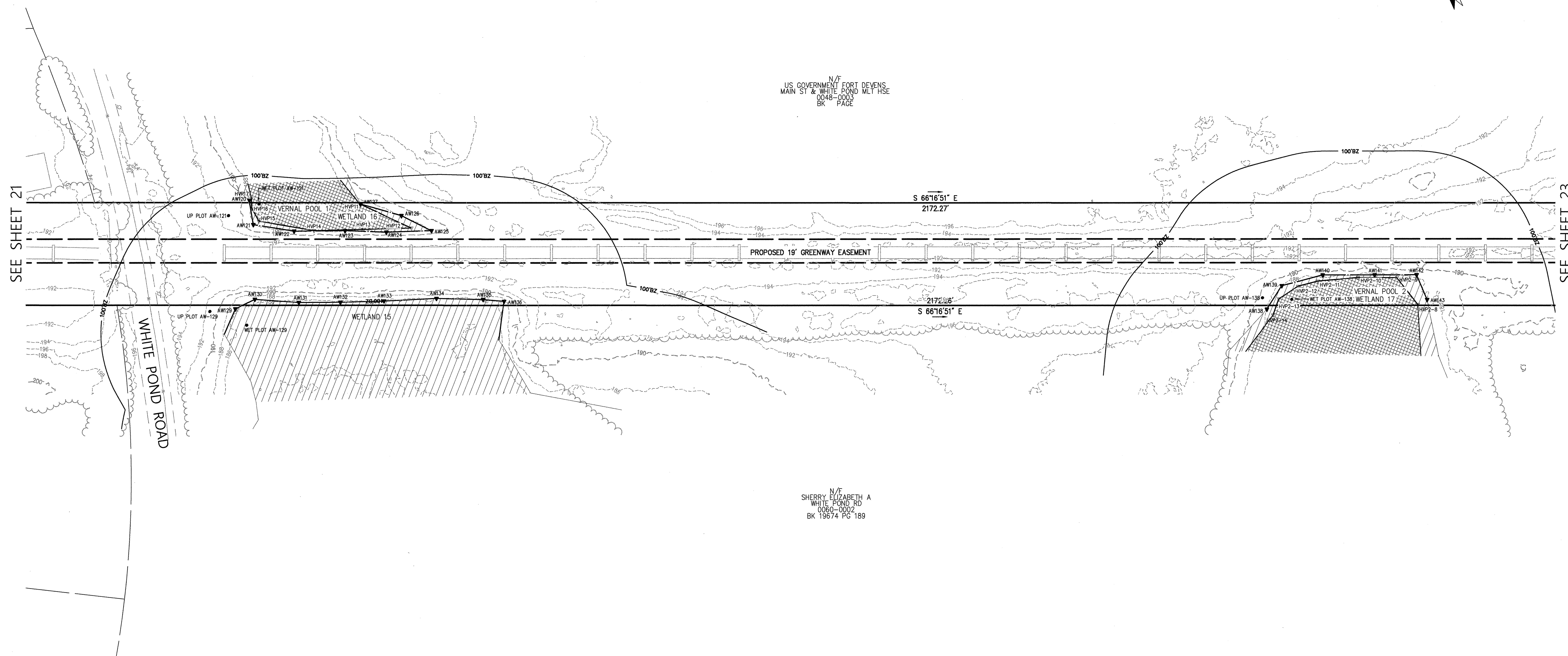
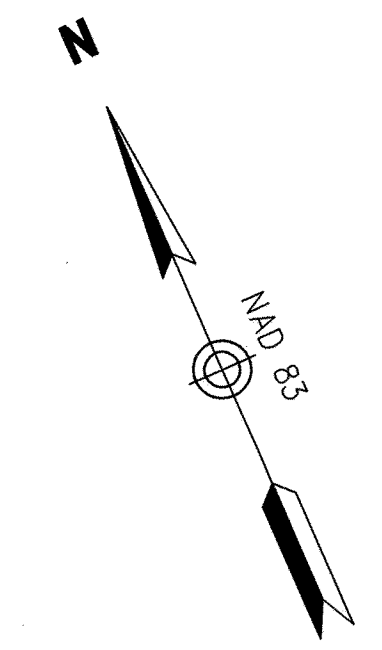
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SHEET 21 OF 24

HUDSON

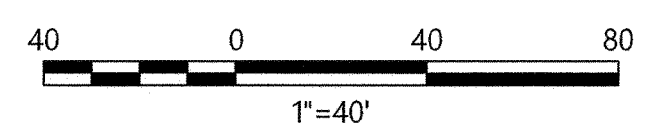
Legend

- BANK FLAG
- WETLAND FLAG
- WETLAND PLOT LOCATION
- WETLAND AREA
- VERNAL POOL AREA
- LAND UNDER WATER
- 100'-BTZ 100-FT BUFFER ZONE
- 200'-RFA 200-FT RIVER FRONT AREA
- APX 200'RA APPROX. 200-FT RIVER FRONT AREA
- VEGETATED WETLAND BOUNDARY
- AWL APPROX. VEG. WETLAND BOUND.
- STREAM BANK
- INTERMITTENT STREAM
- PERENNIAL STREAM
- APX APPROXIMATED INTERMITTENT STREAM
- APX APPROXIMATED PERENNIAL STREAM
- BSLF BORDERING LAND SUBJ. TO FLOOD
- ISLF ISOLATED LAND SUBJ. TO FLOOD
- BFE FEMA BASE FLOOD ELEVATION



N/E
 U.S. GOVERNMENT FORT DEVENS
 MAIN ST & WHITE POND MLT HSE
 0048-0003
 BK PAGE

N/E
 SHERRY ELIZABETH A
 WHITE POND RD
 0060-0002
 BK 19674 PG 189



Russell J. Bousquet
 1/24/18

STRUCTURES				
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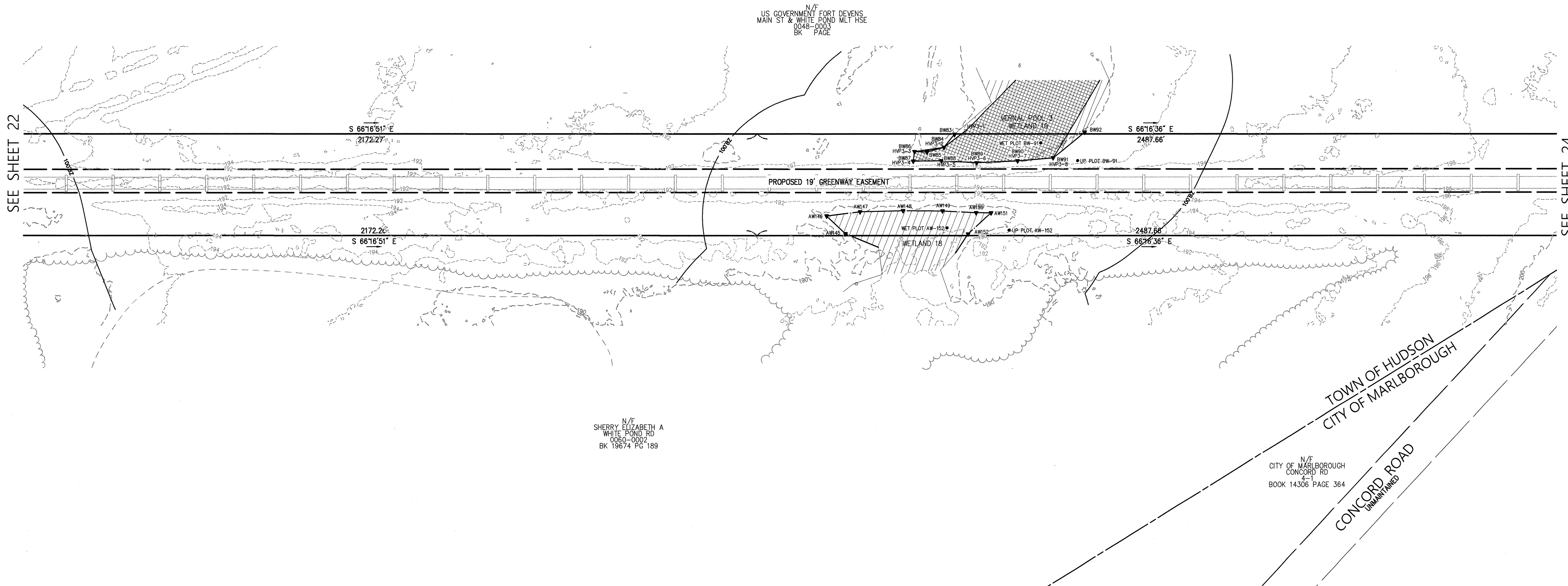
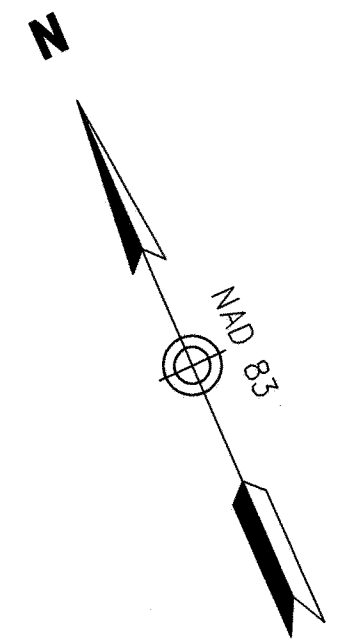
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 SHEET 22 OF 24

HUDSON

Legend

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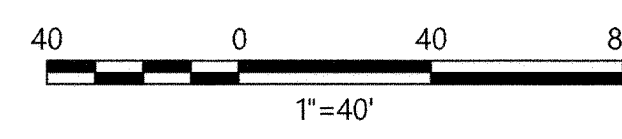
SEE SHEET 22

SEE SHEET 24

N/E
SHERRY ELIZABETH A
WHITE POND RD
0060-0002
BK 19674 PG 189

N/E
CITY OF MARLBOROUGH
CONCORD RD
4-1
BOOK 14306 PAGE 364

TOWN OF HUDSON
CITY OF MARLBOROUGH
CONCORD ROAD
UNIMPAVED



STRUCTURES				
NO.	TYPE	HEIGHT	SPAN	GUYS

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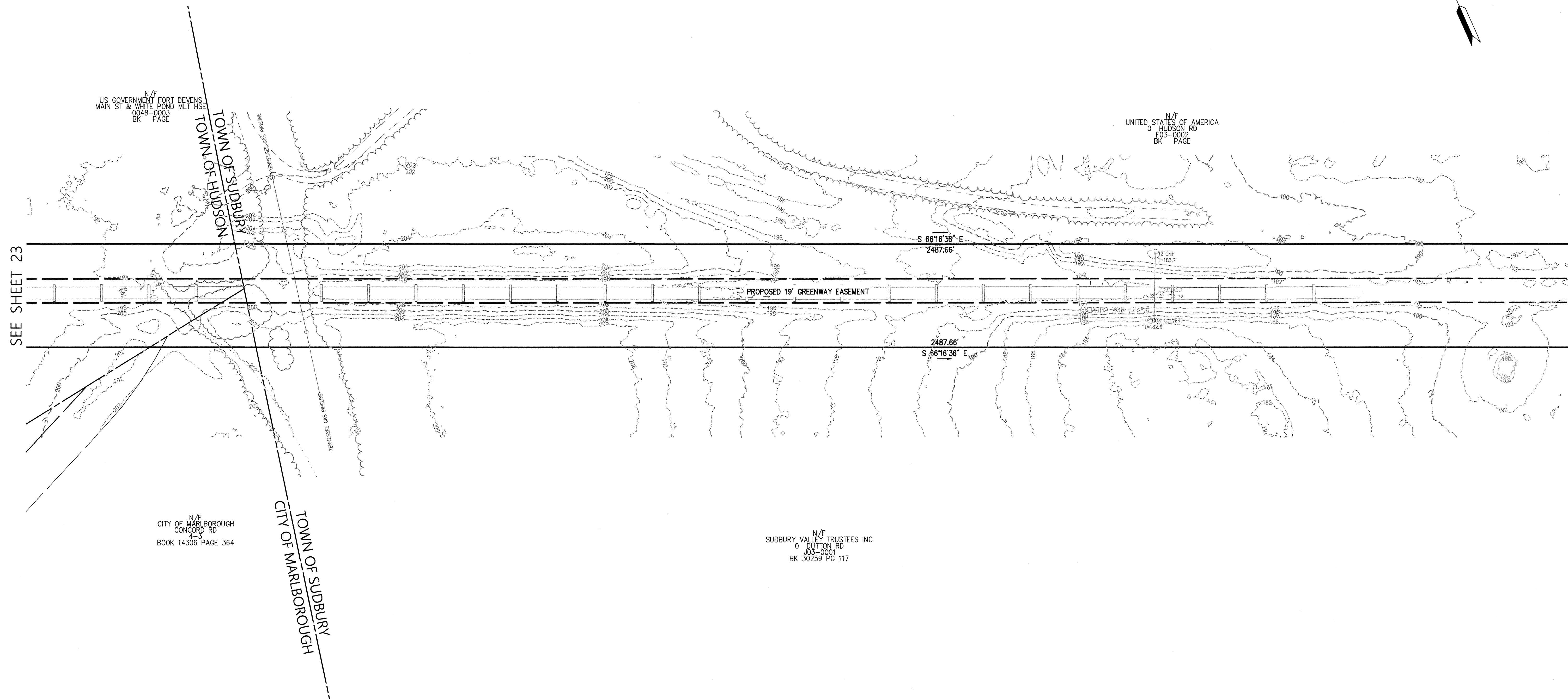
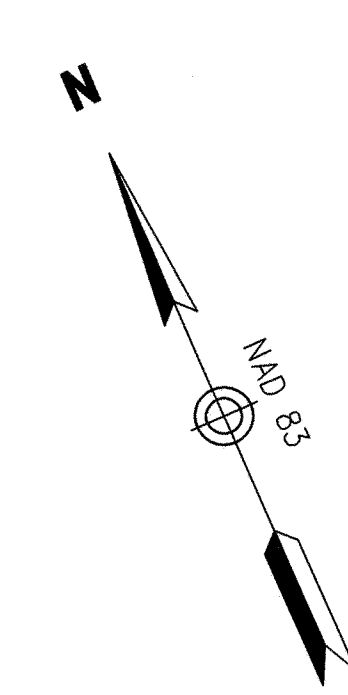
SHEET 23 OF 24

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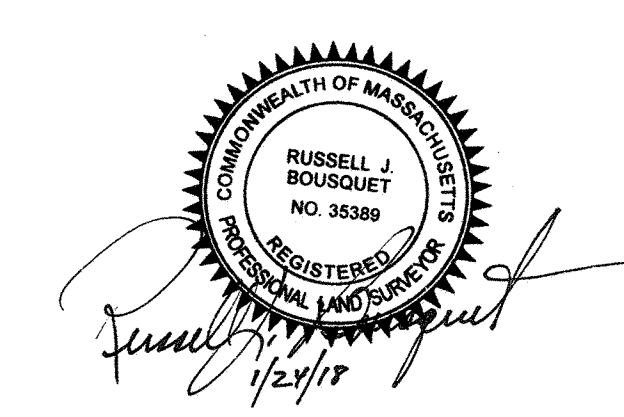
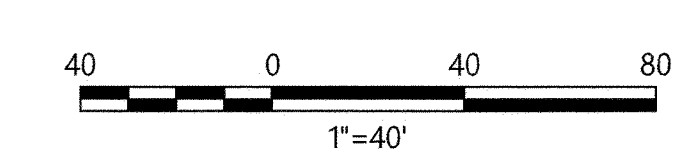
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SEE SHEET 23



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