

UTILITY NOTES:

1. ALL UNDERGROUND UTILITIES AS SHOWN WERE COMPILED USING FIELD SURVEY INFORMATION AND AVAILABLE RECORD INFORMATION.
2. RECORD UTILITY INFORMATION FROM THE VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES, ARE APPROXIMATE ONLY AND ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD.
3. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE MUST BE NOTIFIED, INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN, (SEE CHAPTER 370, ACTS OF 1963, MASSACHUSETTS) PRIOR TO DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORING OR REPAVING.
4. THE LOCATION OF EXISTING PIPES OR OTHER UNDERGROUND STRUCTURES OR PROPERTY LINES ARE NOT WARRANTED TO BE EXACT, NOR IS IT WARRANTED THAT ALL UNDERGROUND PIPES OR STRUCTURES ARE SHOWN. THE CONTRACTOR SHALL CALL "DIG SAFE" (1-888-344-7233) 72 HOURS (EXCLUDING SATURDAYS, SUNDAYS AND HOLIDAYS) PRIOR TO ANY EXCAVATION TO OBTAIN ACCURATE UTILITY LOCATIONS.
5. SUBSURFACE UTILITY LOCATIONS HAVE BEEN PLOTTED TO MEET UTILITY QUALITY LEVEL "C" AS DESCRIBED IN ASCE STANDARD 38-02 AND SUMMARIZED BELOW. THE UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS BASED ON ABOVE-GROUND FIELD OBSERVATION AND EXISTING RECORD INFORMATION RECEIVED FROM UTILITY STAKE-HOLDERS. UTILITY RECORD PLANS WERE REQUESTED AND RECEIVED FROM THE FOLLOWING UTILITY COMPANIES/AGENCIES/MUNICIPALITIES:
6. INVERTS SHOWN ON PLAN ARE NOT GUARANTEED TO BE ACCURATE. DUE TO THE LIMITATIONS OF FIELD OBSERVATION AND SURVEY TECHNIQUES THE INVERTS ARE SHOWN AS APPROXIMATE ONLY AND SHALL NOT BE WARRANTED TO BE CORRECT. ADDITIONAL FIELD INVESTIGATION IS NECESSARY WHERE ACCURATE MEASUREMENTS ARE REQUIRED FOR DESIGN OF CRITICAL AREAS.
7. THE EXISTING CONDITIONS PLAN IS TO BE USED FOR THE SPECIFIED PROJECT ONLY AND IS NOT WARRANTED TO BE COMPLETE FOR ANY OTHER FUTURE PROJECTS.

SUMMARY OF UTILITY MAPPING QUALITY LEVELS:

THE FOLLOWING IS A SUMMARY OF THE SURVEY MAPPING LEVELS FOR UTILITIES AS DESCRIBED IN ASCE STANDARD 38-02, "STANDARD GUIDELINE FOR THE DEPICTION OF EXISTING SUBSURFACE UTILITY DATA". THESE GUIDELINES ARE MORE FULLY DESCRIBED IN THE ASCE STANDARD.

UTILITY QUALITY LEVEL A:
PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUALLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15-MM VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

UTILITY QUALITY LEVEL B:
INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

UTILITY QUALITY LEVEL C:
INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D INFORMATION.

UTILITY QUALITY LEVEL D:
INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS. INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

ABBREVIATIONS

AUX	AUXILIARY	GIP	GALVANIZED IRON PIPE	SB	STONE BOUND
BD	BOUND	GMH	GAS MANHOLE	SD	SUBDRAIN
BIT	BITUMINOUS	GRAN	GRANITE	SGE	SLOPED GRANITE EDGING
ℓ	BASELINE	GRAV	GRAVEL	SHLD	SHOULDER
BLDG	BUILDING	GRD	GUARD	SHLO	STATE HIGHWAY LAYOUT
BM	BENCHMARK	GRL	GUARDRAIL	SK	SKEW
BR	BRIDGE	HDW	HEADWALL	SL	STOP LINE
BRK	BRICK	HYD	HYDRANT	SMH	SEWER MANHOLE
BWL	BROKEN WHITE LINE	INV	INVERT	SPK	SPIKE
BYL	BROKEN YELLOW LINE	IP	IRON PIPE	STA	STATION
CAB	CABINET	JB	JERSEY BARRIER	STN	STONE
CB	CATCH BASIN	L	LENGTH OF CURVE	STR	STAIRS
CC	CEMENT CONCRETE	LB	LEACHING BASIN	SW	SIDEWALK
CCB	CAPE COD BERM	LC	LAND COURT	SWL	SOLID WHITE LINE
CEN	CENTER	LCB	LAND COURT BOUND	SYL	SOLID YELLOW LINE
CI	CURB INLET	LCD	LAND COURT DISK	T	TANGENT DISTANCE
CIP	CAST IRON PIPE	LO	LAYOUT	TAN	TANGENT
ℓ	CENTER LINE	LP	LIGHT POLE	TEMP	TEMPORARY
CLF	CHAIN LINK FENCE	LPD	LIGHT POLE DOUBLE LIGHT	TMH	TELEPHONE MANHOLE
CMH	CABLE MANHOLE	LSA	LANDSCAPED AREA	TR	TOP OF RAIL
CMP	CORRUGATED METAL PIPE	MAG	MAG NAIL	TSC	TRAFFIC SIGNAL CONDUIT
CO	COUNTY	MBE	MIDDLE BACK EDGE	TYP	TYPICAL
CO BD	COUNTY BOUND	MED	MEDIAN	VAR	VARIABLE
CON	CONIFEROUS	MH	MANHOLE	VCP	VITRIFIED CLAY PIPE
CONC	CONCRETE	MP	MILE POST	VGC	VERTICAL GRANITE CURB
CPP	CORRUGATED PLASTIC PIPE	MTL	METAL	VLF	VINYL FENCE
CSP	CORRUGATED STEEL PIPE	N/F	NOW OR FORMERLY	VLT	VAULT
CULV	CULVERT	NB	NORTHBOUND	WB	WESTBOUND
CW	CROSSWALK	OH	OVERHANG	WCR	WHEELCHAIR RAMP
DBWL	DOUBLE WHITE LINE	OHW	OVERHEAD WIRE	WD	WOOD
DBYL	DOUBLE YELLOW LINE	PC	POINT OF CURVATURE	WDF	WOOD FENCE
DEC	DECIDUOUS	PCC	POINT OF COMPOUND CURVATURE	WIF	WROUGHT IRON FENCE
DEL	DELENEATOR/REFLECTOR POST	PED	PEDESTRIAN	WIP	WROUGHT IRON PIPE
DH	DRILL HOLE	PI	POINT OF INTERSECTION		
DI	DROP INLET	PK	PK NAIL		
DIA	DIAMETER	ℓ	PROPERTY LINE		
DIP	DUCTILE IRON PIPE	PP	PRICK PUNCH		
DMH	DRAIN MANHOLE	PRC	POINT OF REVERSE CURVATURE		
DSK	DISK	PRF	POST AND RAIL FENCE		
DWL	DOTTED WHITE LINE	PRK	PARKING		
DYL	DOTTED YELLOW LINE	PT	POINT OF TANGENCY		
EB	EASTBOUND	PVC	POLYVINYL CHLORIDE PIPE		
EL	ELEVATION	PVMT	PAVEMENT		
EMH	ELECTRIC MANHOLE	PWW	PAVED WATERWAY		
EP	EDGE OF PAVEMENT	PZ	PIEZOMETER		
EPLP	ESCUTCHEON PIN IN LEAD PLUG	R	RADIUS OF CURVATURE		
ETW	EDGE OF TRAVELED WAY	RB	REBAR		
EX	EXISTING	RC	REINFORCED CONCRETE		
FF	FINISH FLOOR	RCP	REINFORCED CONCRETE PIPE		
FGS	FLAGSTONE	RET	RETAINING		
FL	FLOWLINE	ROW	RIGHT OF WAY		
FLDSTN	FIELDSTONE	RR	RAILROAD		
GAR	GARAGE	RRS	RAILROAD SPIKE		
GD	GROUND	S BD	SOUTHBOUND		

● BF#	BANK FLAG	● MAG	MAG NAIL
○ BHL #	BORE HOLE	□ MB	MAIL BOX
○ SGE	BUSH	○ MG	MISCELLANEOUS GATE
● BM #	BENCHMARK	■ MHB	MASSACHUSETTS HIGHWAY BOUND
○ BOL	BOLLARD	⊕ MW	MONITORING WELL
□	BOUND (CONC, STONE, LAND COURT, ETC.)	○ OIL	OIL FILL
○ CB	CABLE MANHOLE	⊕	OTHER MANHOLE
■ CB	CATCH BASIN - SQUARE	□ PB	PULL BOX
● CB	CATCH BASIN - D-FRAME	⊕ PED	PEDESTRIAN SIGNAL
● CB	CATCH BASIN - ROUND	△	PHOTO CONTROL - H & V
▽	DELINEATOR / REFLECTOR POST	○	PHOTO CONTROL - V ONLY
● DSK	DISK (CA/T, USC&GS, LAND COURT, ETC.)	○ PK	PK NAIL
● DH	DRILL HOLE	○ PM	PARKING METER
○ DM	DRAIN MANHOLE	○ POST	CIRCULAR POST
□ EHH	ELECTRIC HANDHOLE	□ POST	SQUARE POST
○ EM	ELECTRIC MANHOLE	○ RB	REBAR/IRON PIN
● EPLP	ESCUTCHEON PIN IN LEAD PLUG	○	ROCK
⊗ FB	FLASHING BEACON	○ RRS	RAILROAD SPIKE
△ FES	FLARED END SECTION	⊗ RRSW	RAILROAD SIGNAL
⊗ FP	FLAG POLE	▽ SN	STAKE AND NAIL
○ GF	GAS FILL	○ SP	STAND PIPE
○ GG	GAS GATE	○	SEWER MANHOLE
⊗ GM	GAS METER	⊕	STEAM MANHOLE
⊗ GP	GAS PUMP	○	STUMP
○ GPH	GAS MANHOLE	■ TB	TACKLE/DETECTABLE WARNING PAD
○ GPL	GUY POLE	⊗ TCB	TRAFFIC SIGNAL CONTROL CABINET
⊕	HANDICAP SYMBOL	⊕	TELEPHONE MANHOLE
○ HTP	HIGH TENSION POWER POLE	⊗ TFRM	TRANSFORMER
○ IP	IRON PIPE	⊗ TLRS	TOWN LINE ROAD STONE
○ IP	IRON PIPE	■ TPIT #	TEST PIT
○ LP	LIGHT POLE	○ TPL	TROLLEY POLE
○ LP	LIGHT POLE DOUBLE LIGHT	△	TRAVERSE POINT

LEGEND

○ 22"	TREE	○ TS	TRAFFIC SIGNAL
○ TS	TRAFFIC SIGNAL MAST ARM/SPAN WIRE POLE	○ TS	SIGN
○ UG	SIGN - DOUBLE POST	○ UG	UNKNOWN GATE
⊕ UFB#	UTILITY POLE W/ FIRE PULL BOX	⊕ UFB#	PULL BOX
⊕ ULT#	UTILITY POLE W/ LIGHT	⊕ UPDL#	UTILITY POLE W/ DOUBLE LIGHT
⊕ UPDL#	UTILITY POLE W/ DOUBLE LIGHT	○ UPL#	UTILITY POLE
○ VP	VENT PIPE	○ VP	VENT PIPE
○ WM	WATER MANHOLE	○ WM	WATER MANHOLE
○ WSO	WATER GATE	○ WSO	WATER GATE
○ WELL	WATER METER	○ WELL	WATER METER
○ WF#	WATER SHUTOFF	○ WF#	WATER SHUTOFF
○ X-CUT	WELL (POTABLE)	○ X-CUT	WELL (POTABLE)
○ X-CUT	WETLAND FLAG	○ X-CUT	WETLAND FLAG
○ X-CUT	X-CUT	○ X-CUT	X-CUT

DEED REFERENCES

- BOOK 26646 PAGE 34
- BOOK 45946 PAGE 88 (EASEMENT GRANT)
- BOOK 53276 PAGE 393 (EASEMENT GRANT)

PLAN REFERENCES

- PLAN NUMBER 646 OF 1953
- PLAN NUMBER 1587 OF 1961
- PLAN NUMBER 1037 OF 1975
- PLAN NUMBER 1183 OF 2005
- PLAN NUMBER 184 OF 2008
- PLAN NUMBER 466 OF 2009

SURVEY NOTES

1. THE EXISTING CONDITIONS SHOWN ON THIS BASE MAP ARE THE RESULT OF AN ON-THE-GROUND INSTRUMENT SURVEY PERFORMED BETWEEN JULY 22, 2020 AND AUGUST 11, 2020 BY GREEN INTERNATIONAL AFFILIATES, INC. (GREEN).
2. HORIZONTAL AND VERTICAL CONTROL WAS ESTABLISHED BY GREEN, ON JULY 23, 2020. HORIZONTAL DATUM IS BASED ON THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM (MAINLAND) NAD83 (2011), 2010.00 EPOCH. VERTICAL DATUM IS NAVD88 (COMPUTED USING GEOID18B).
3. PROPERTY LINES SHOWN ARE THE DIRECT RESULT OF AN INSTRUMENT SURVEY PERFORMED ON-THE-GROUND BY GREEN INTERNATIONAL AFFILIATES, INC. WITH AN ERROR OF CLOSURE OF 1 IN 38,868. PRIVATE PROPERTY LINES HAVE NOT BEEN SURVEYED. THEY ARE COMPILED FROM DEED AND RECORD PLAN INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE.

DRAFT 10/22/2020

PROJECT: **TRACK ROAD SURVEY AND DESIGN**

DESIGN SUBMISSION:

DRAWING TITLE: **EXISTING CONDITIONS SURVEY**

PREPARED FOR: **TOWN OF STOW**

380 GREAT RD
STOW, MASSACHUSETTS

PREPARED BY:
GREEN INTERNATIONAL AFFILIATES, INC.
TRANSPORTATION | STRUCTURAL | WATER RESOURCES | CIVIL/SITE
239 LITTLETON ROAD, SUITE 3 WESTFORD, MA 01886
978.923.0400 | www.greenintl.com

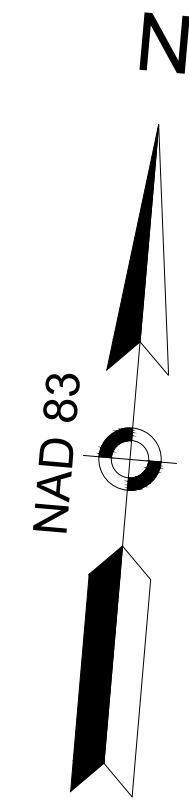
SCALE: AS NOTED FIELD CHIEF: KS

DATE: 10/22/2020 DRAWN BY: CM

PROJECT NO. 20063 CHECKED BY: PS

SHEET NO.
1 OF **19**

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REVISIONS		



ASSABET RIVER

1
N: 2975021.609'
E: 653872.373'
EL: 182.840'
MMAG

SURVEY TRAVERSE
N74°42'50"E
267.82'

N 2975000
E 654000

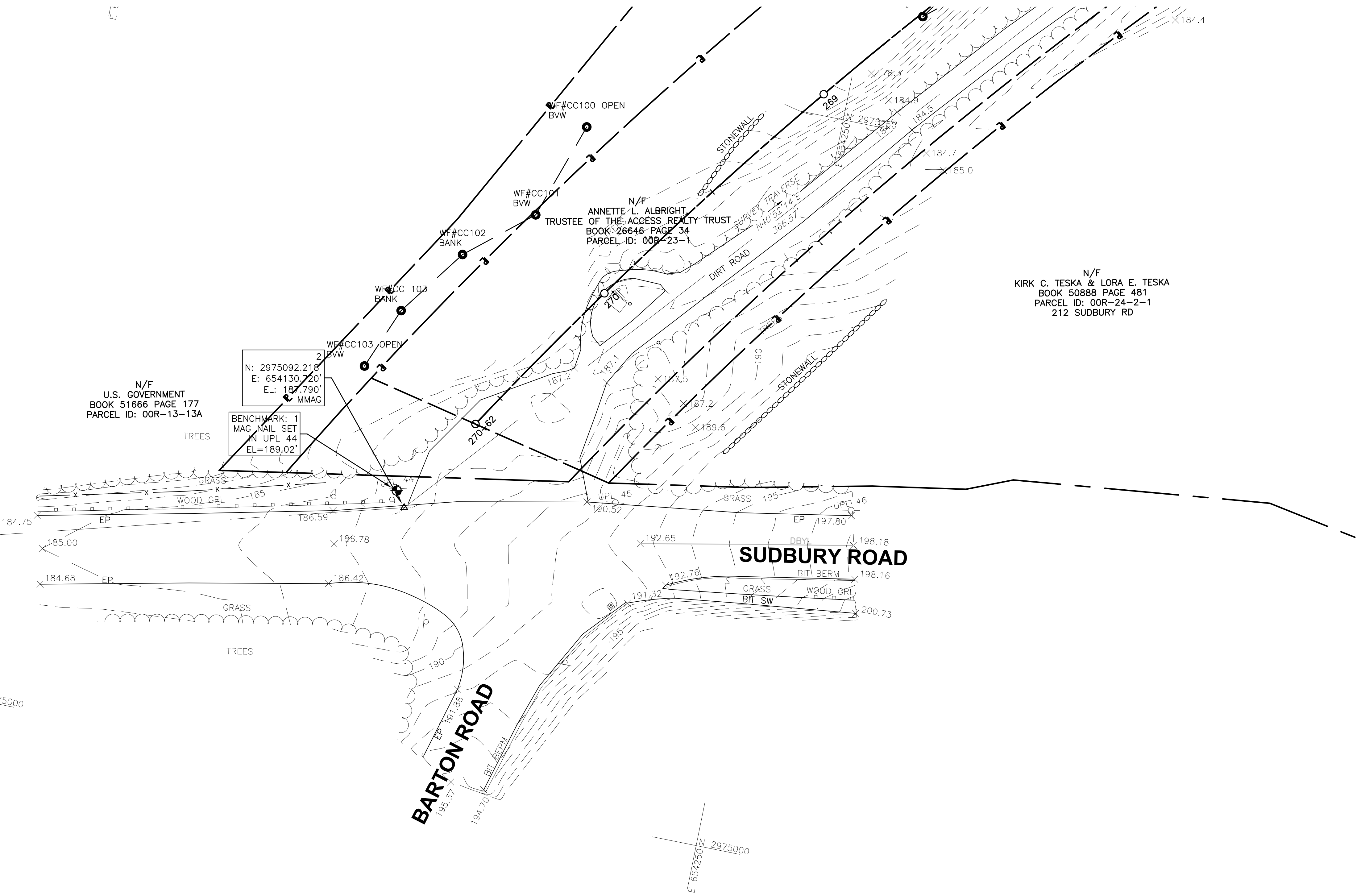
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U.S. GOVERNMENT
BOOK 51666 PAGE 177
PARCEL ID: 00R-13-13A

N: 2975092.218
E: 654130.720'
EL: 187.790'
MMAG

BENCHMARK: 1
MAG NAIL SET
N UPL 44
EL=189.02'

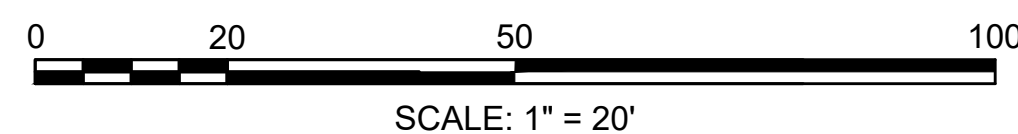
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ANNETTE L. ALBRIGHT
OF THE ACCESS REALTY TRUST
BOOK 26646 PAGE 34
PARCEL ID: 00R-23-1

N/F
KIRK C. TESKA & LORA E. TESKA
BOOK 50888 PAGE 481
PARCEL ID: 00R-24-2-1
212 SUDBURY RD



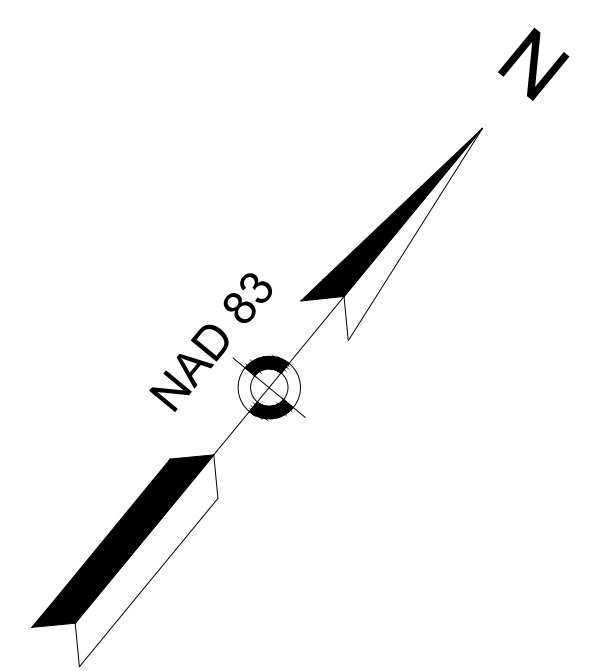
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SHEET NO. 2

DRAFT 10/22/2020



PROJECT: TRACK ROAD SURVEY AND DESIGN	
DESIGN SUBMISSION:	
DRAWING TITLE: EXISTING CONDITIONS SURVEY	
PREPARED FOR: TOWN OF STOW	
380 GREAT RD STOW, MASSACHUSETTS	
PREPARED BY: GREEN INTERNATIONAL AFFILIATES, INC. TRANSPORTATION STRUCTURAL WATER RESOURCES CIVIL/SITE 239 LITTLETON ROAD, SUITE 3 WESTFORD, MA 01886 978.923.0400 www.greenintl.com	
SCALE: AS NOTED	FIELD CHIEF: KS
DATE: 10/22/2020	DRAWN BY: CM
PROJECT NO. 20063	CHECKED BY: PS
SHEET NO. 2 OF 19	

NO.	DATE	REVISIONS
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N/F
ACCESS REALTY TRUST
BOOK 26646 PAGE 34
PARCEL ID: 00R-24-1
SUDBURY RD

N/F
ANNETTE L. ALBRIGHT,
TRUSTEE OF THE ACCESS REALTY TRUST
BOOK 26646 PAGE 34
PARCEL ID: 00R-23-1

3
N: 2975369.411'
E: 654370.584'
EL: 183.842'
MREB

4
N: 2975555.279'
E: 654582.574'
EL: 182.242'
MREB

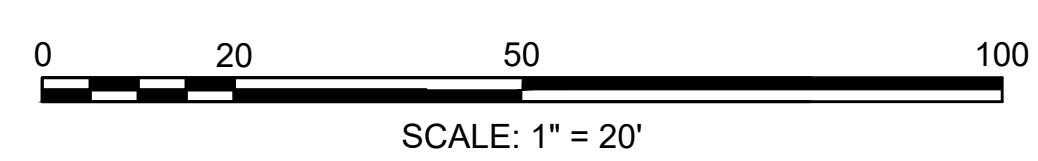
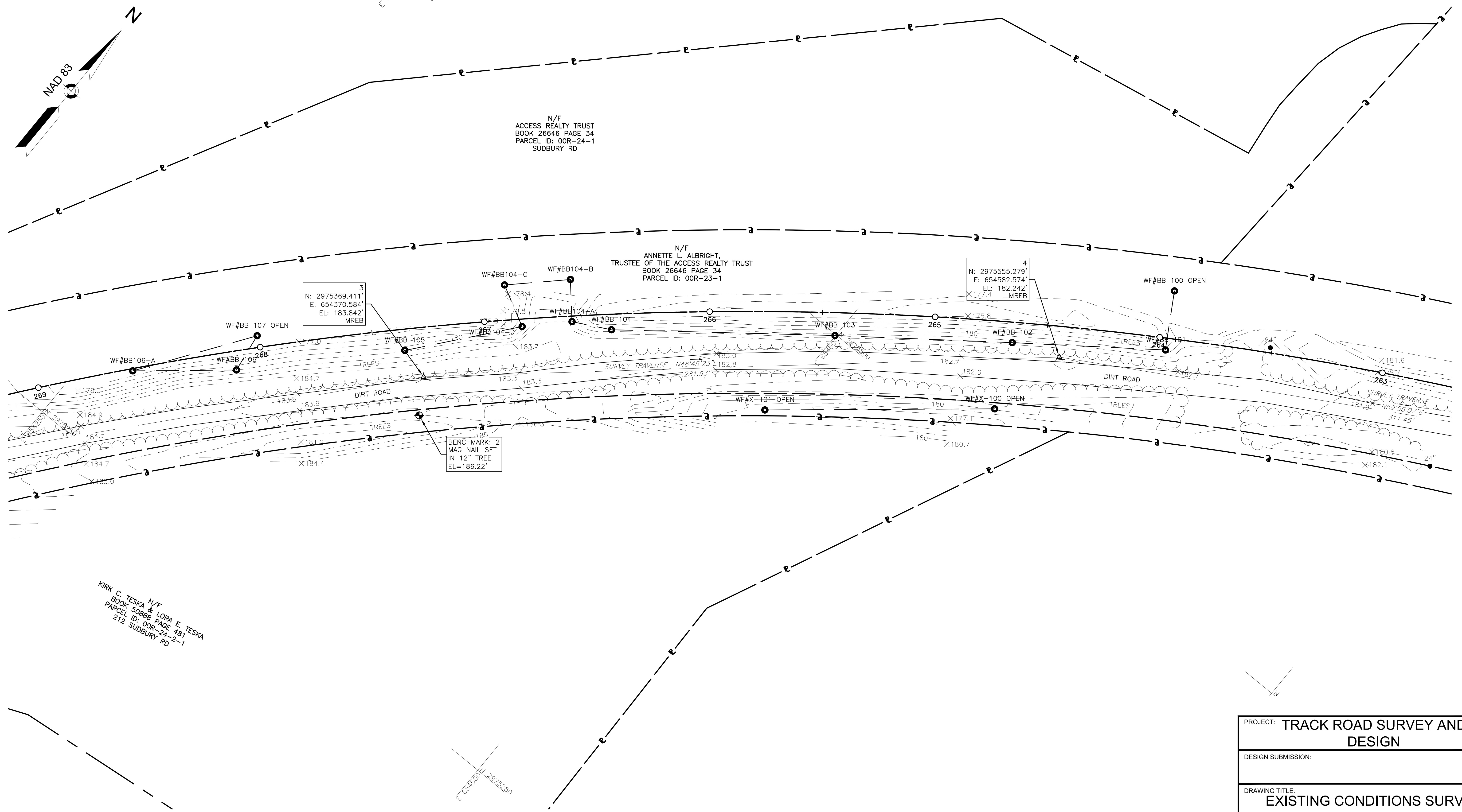
BENCHMARK: 2
MAG NAIL SET
IN 12" TREE
EL=186.22'

KIRK C. TESKA & LORA E. TESKA
N/F
BOOK 50888 PAGE 481
PARCEL ID: 00R-24-2-1
212 SUDBURY RD

E 654500 L 2975250

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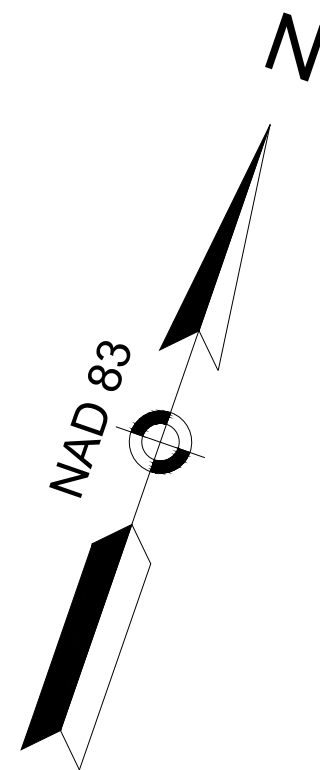
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PROJECT: TRACK ROAD SURVEY AND DESIGN	
DESIGN SUBMISSION:	
DRAWING TITLE: EXISTING CONDITIONS SURVEY	
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PROJECT NO. 20063	CHECKED BY: PS
SHEET NO. 3 OF 19	

NO.	DATE	REVISIONS
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N/F
LORA E TESKA & KIRK C TESKA
BOOK 23793 PAGE 327
PARCEL ID: 00R-24-3C
SUDBURY RD

N/F
UNITED STATES OF AMERICA
BOOK 51666 PAGE 177
PARCEL ID: 00R-24-12
SUDBURY RD

BENCHMARK: 3
MAG NAIL SET
IN 10" TREE
EL=183.20'

5
N: 2975711.310'
E: 65462.123'
EL: 181.673'
MREB

6
N: 2975811.542'
E: 655192.064'
EL: 181.383'
MREB

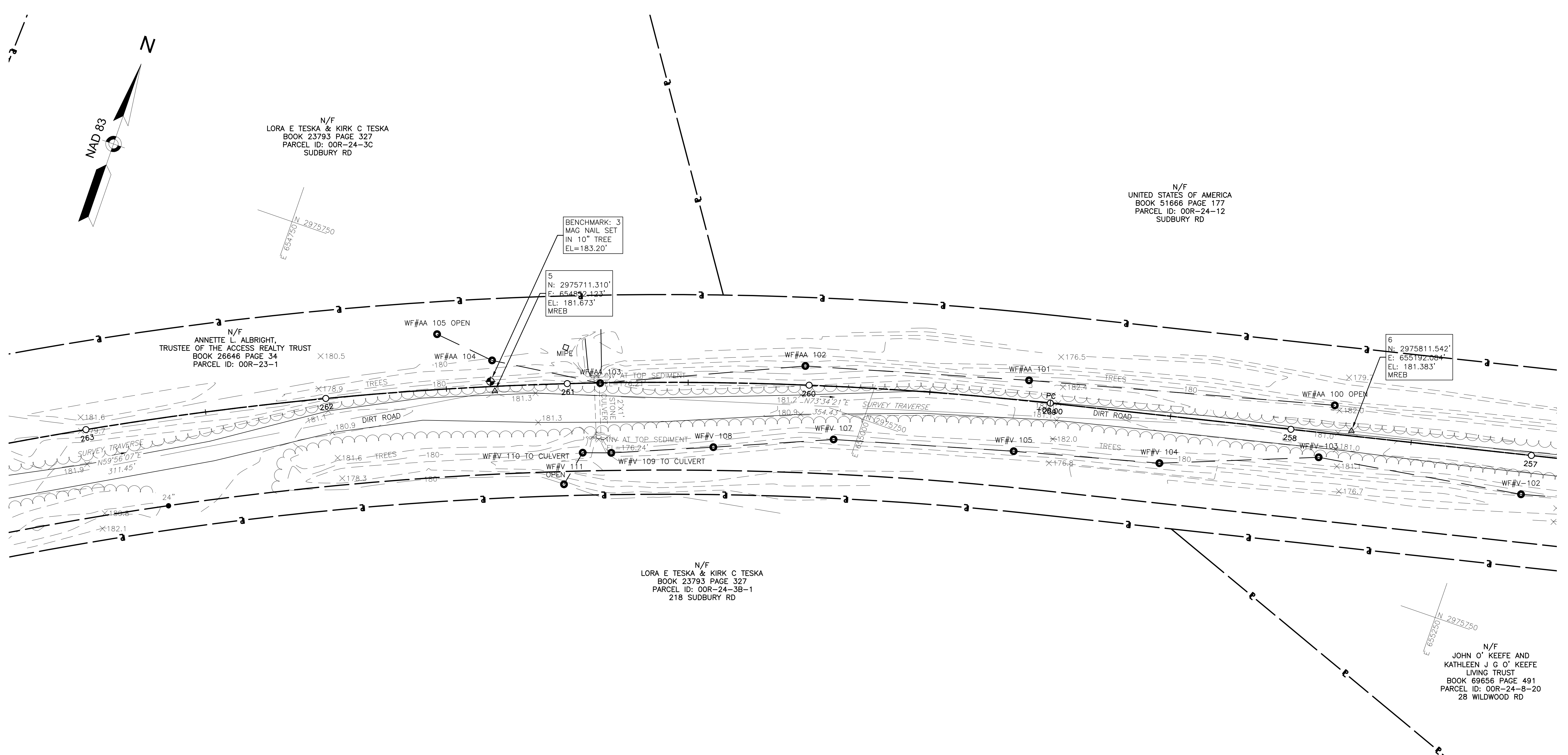
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ANNETTE L. ALBRIGHT,
TRUSTEE OF THE ACCESS REALTY TRUST
BOOK 26646 PAGE 34
PARCEL ID: 00R-23-1

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BOOK 23793 PAGE 327
PARCEL ID: 00R-24-3B-1
218 SUDBURY RD

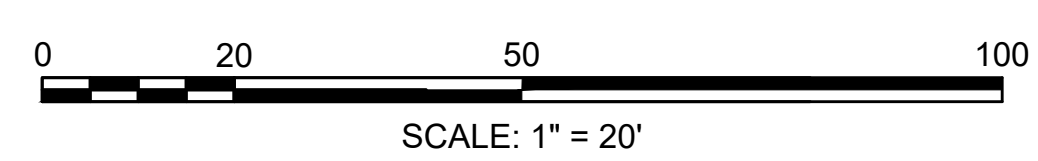
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JOHN O' KEEFE AND
KATHLEEN J G O' KEEFE
LIVING TRUST
BOOK 69656 PAGE 491
PARCEL ID: 00R-24-8-20
28 WILDWOOD RD

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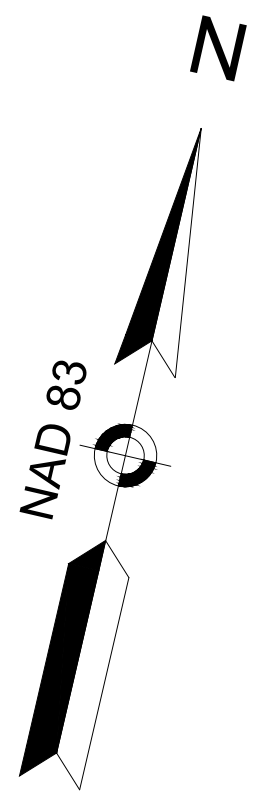
NOTE
• AA SERIES IS A SWALE



DRAFT 10/22/2020

PROJECT: TRACK ROAD SURVEY AND DESIGN	
DESIGN SUBMISSION:	
DRAWING TITLE: EXISTING CONDITIONS SURVEY	
PREPARED FOR: TOWN OF STOW	
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SCALE: AS NOTED	FIELD CHIEF: KS
DATE: 10/22/2020	DRAWN BY: CM
PROJECT NO. 20063	CHECKED BY: PS
SHEET NO. 4 OF 19	

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N 2976000

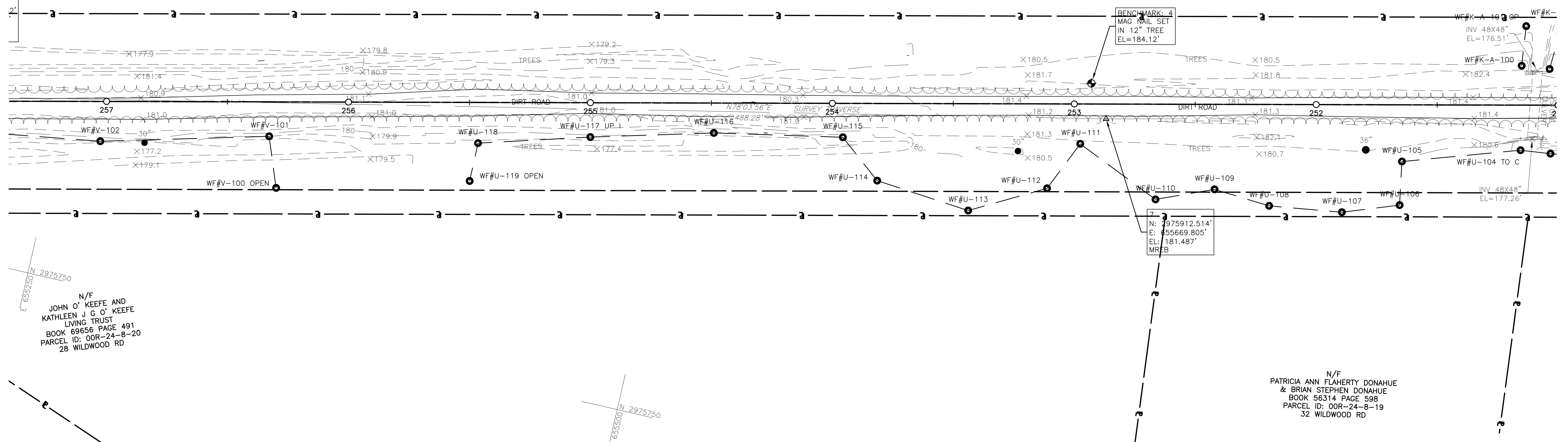
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UNITED STATES OF AMERICA
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SUDBURY RD

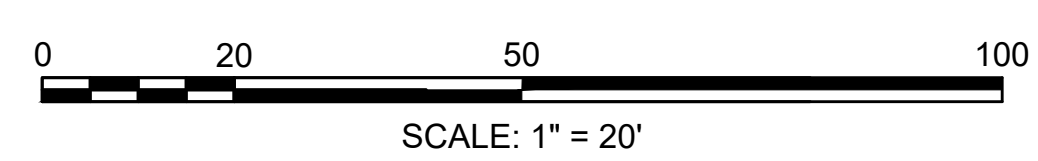
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SHEET NO. 6



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JOHN O' KEEFE AND
KATHLEEN J G O' KEEFE
LIVING TRUST
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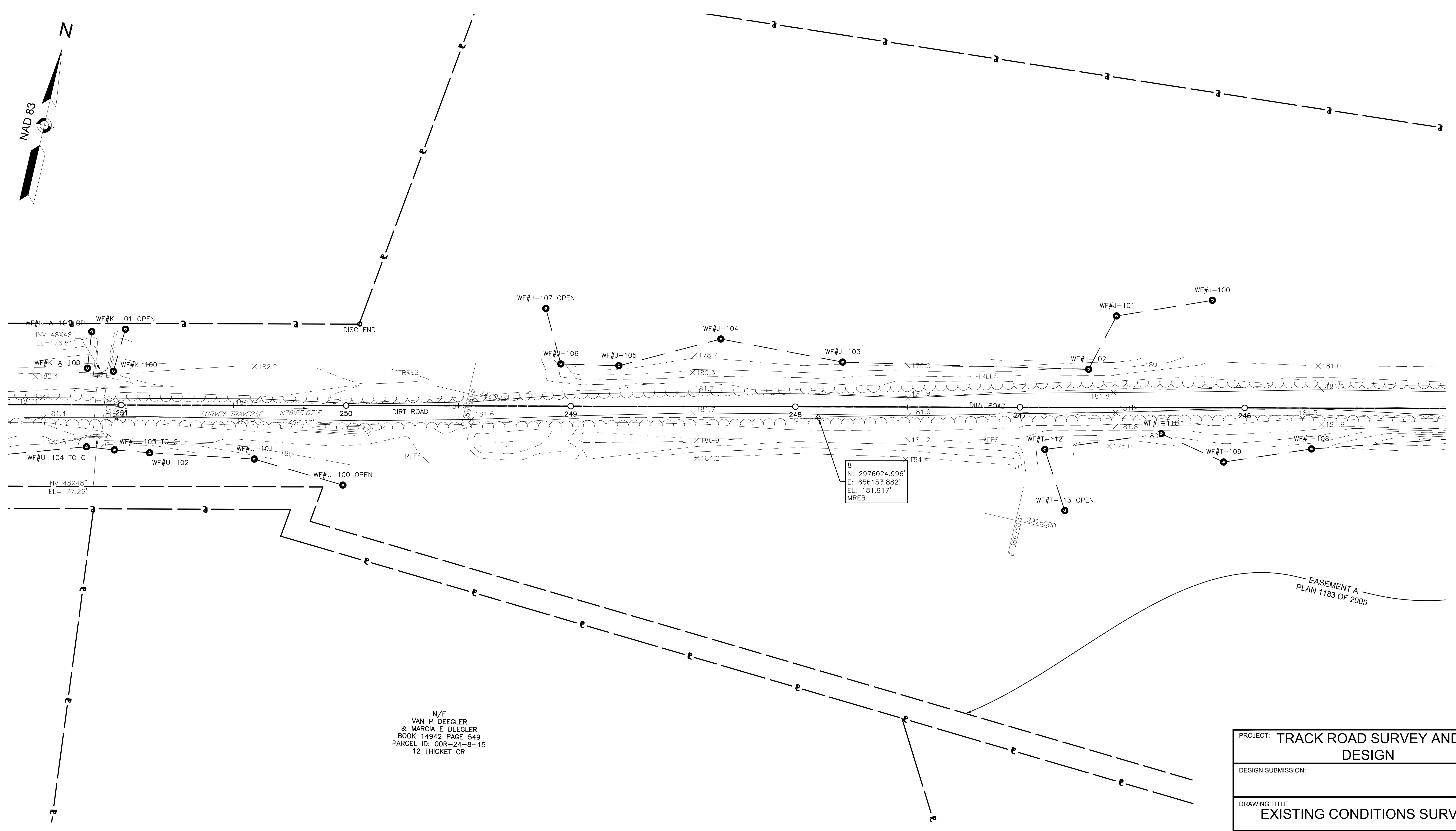
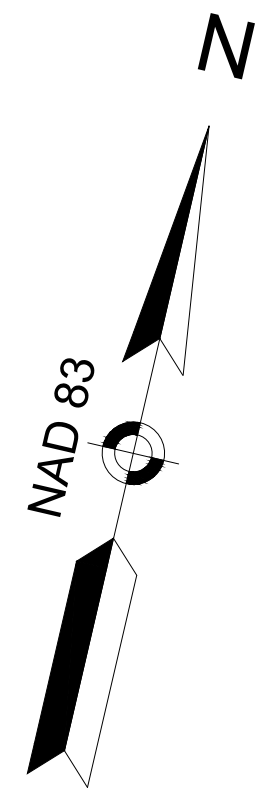
N/F
PATRICIA ANN FLAHERTY DONAHUE
& BRIAN STEPHEN DONAHUE
BOOK 56314 PAGE 598
PARCEL ID: 00R-24-8-19
32 WILDWOOD RD



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PROJECT: TRACK ROAD SURVEY AND DESIGN	
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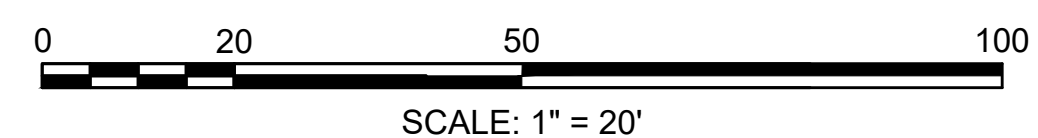


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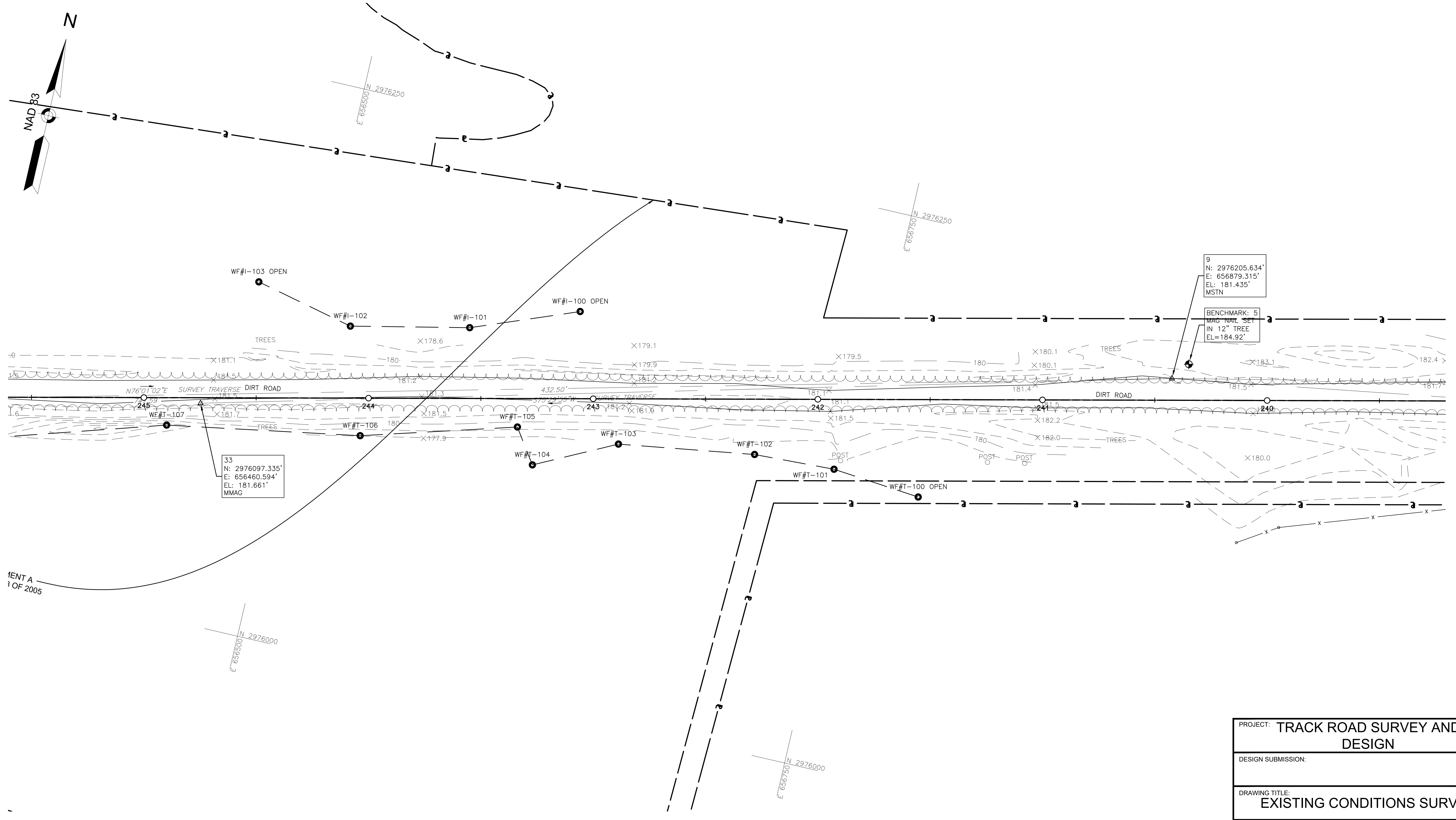
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VAN P DEEGLER
& MARCIA E DEEGLER
BOOK 14942 PAGE 549
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12 THICKET CR

DRAFT 10/22/2020



PROJECT: TRACK ROAD SURVEY AND DESIGN	
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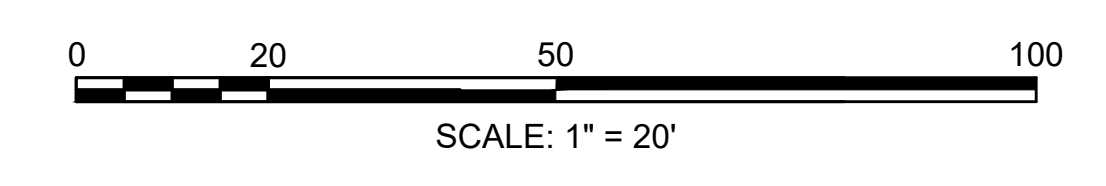


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CONTINUED ON SHEET NO. 8

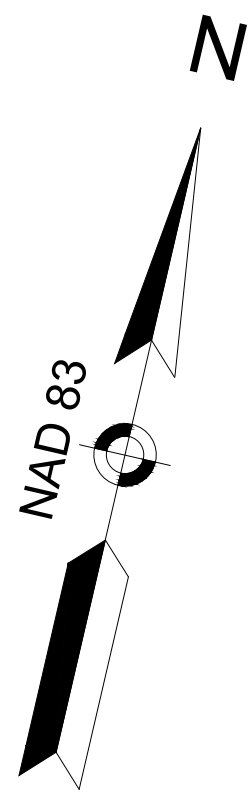
MENT A
OF 2005

DRAFT 10/22/2020



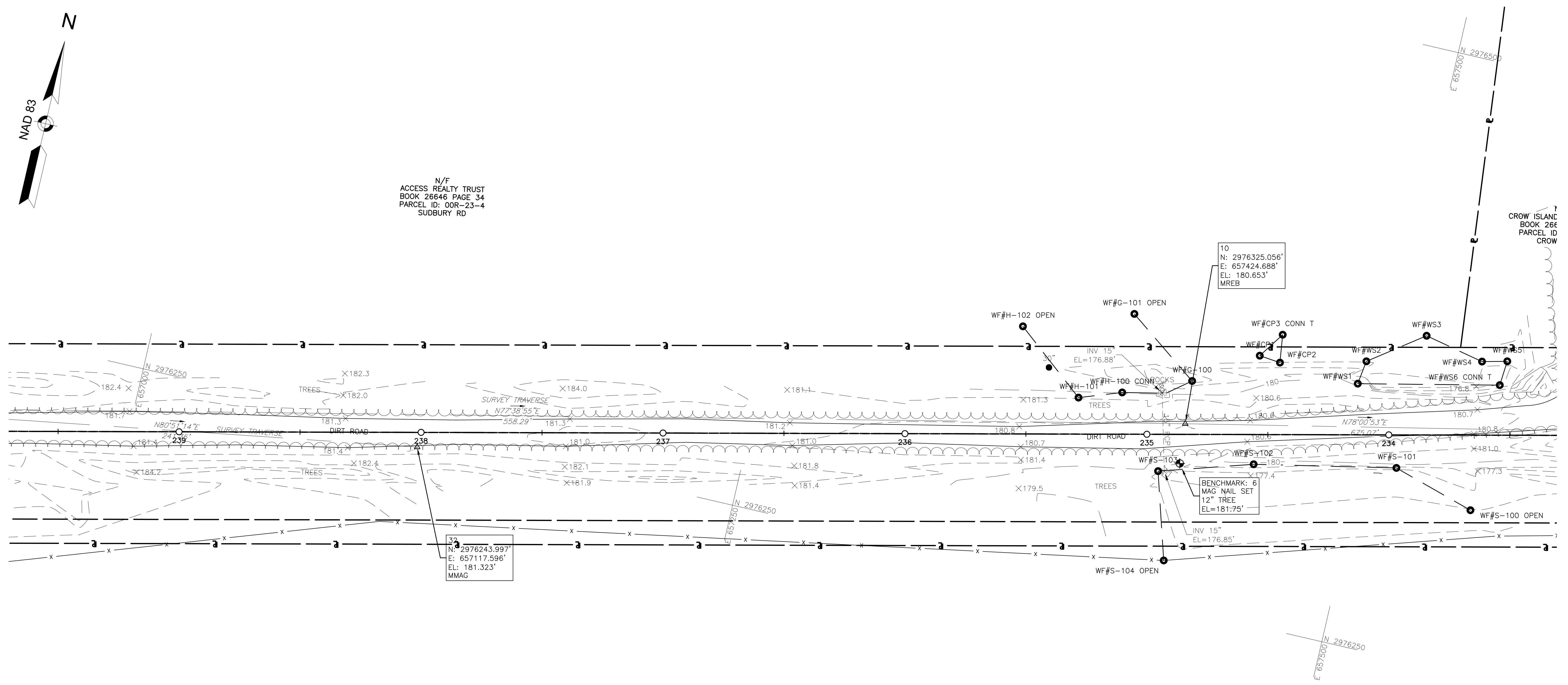
PROJECT: TRACK ROAD SURVEY AND DESIGN	
DESIGN SUBMISSION:	
DRAWING TITLE: EXISTING CONDITIONS SURVEY	
PREPARED FOR: TOWN OF STOW	
380 GREAT RD STOW, MASSACHUSETTS	
PREPARED BY: GREEN INTERNATIONAL AFFILIATES, INC. TRANSPORTATION STRUCTURAL WATER RESOURCES CIVIL/SITE 239 LITTLETON ROAD, SUITE 3 WESTFORD, MA 01886 978.923.0400 www.greenintl.com	
SCALE: AS NOTED	FIELD CHIEF: KS
DATE: 10/22/2020	DRAWN BY: CM
PROJECT NO. 20063	CHECKED BY: PS
	SHEET NO. 7 OF 19

NO.	DATE	REVISIONS
1	XX/XX/XX	ENTER DESCRIPTION OF REVISION HERE



N/F
ACCESS REALTY TRUST
BOOK 26646 PAGE 34
PARCEL ID: 00R-23-4
SUDBURY RD

CROW ISLAND
BOOK 266
PARCEL ID
CROW



CONTINUED ON SHEET NO. 7

CONTINUED ON SHEET NO. 9

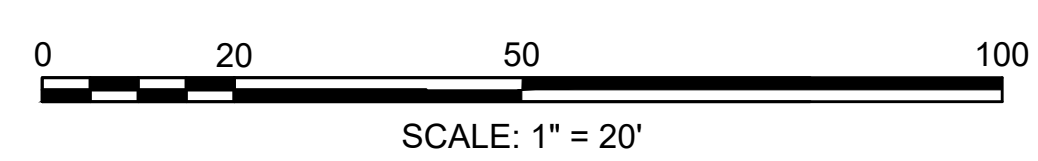
32
N: 2976243.997'
E: 657117.596'
EL: 181.323'
MMAG

10
N: 2976325.056'
E: 657424.688'
EL: 180.653'
MREB

BENCHMARK: 6
MAG NAIL SET
12" TREE
EL=181.75'

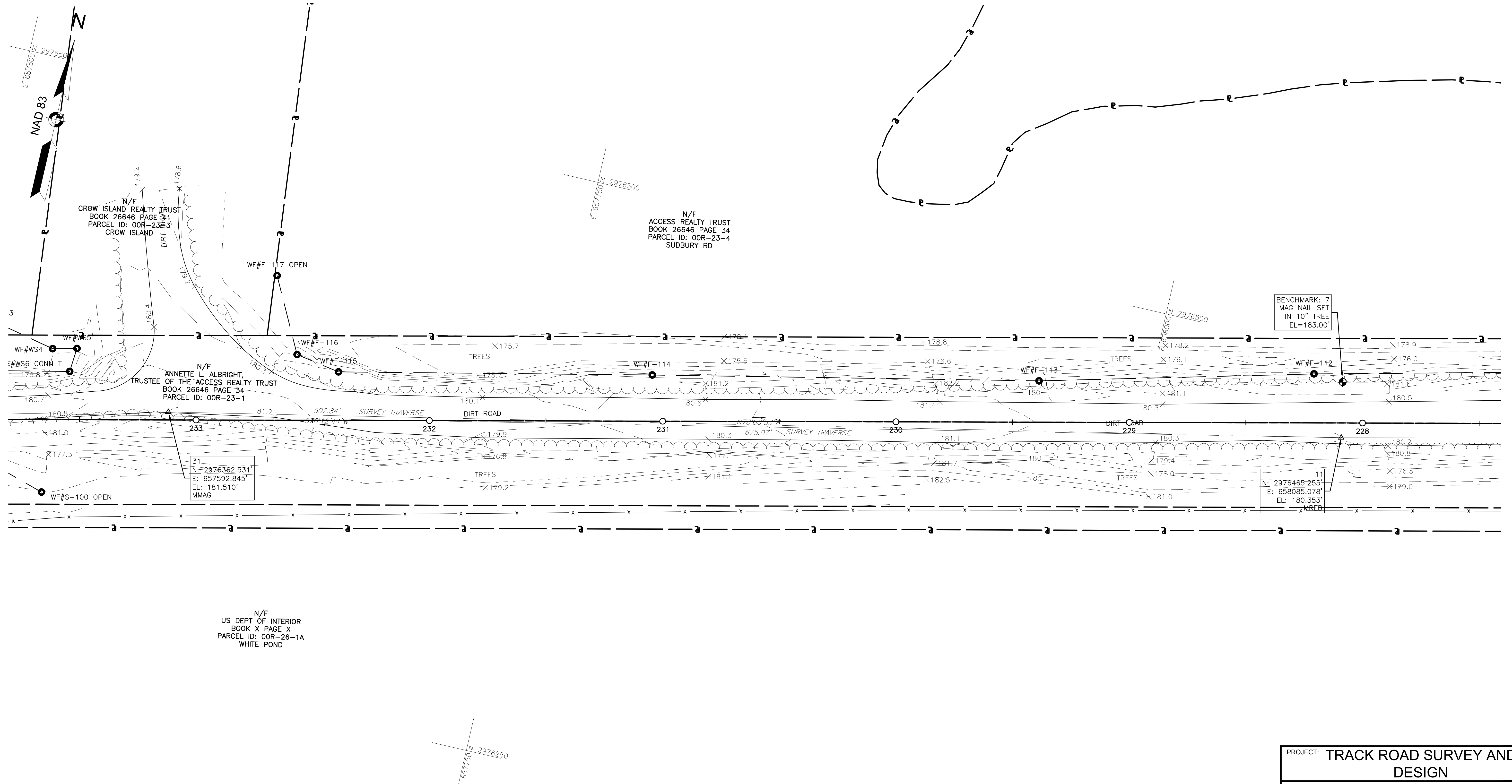
N/F
US DEPT OF INTERIOR
BOOK X PAGE X
PARCEL ID: 00R-26-1A
WHITE POND

DRAFT 10/22/2020



PROJECT: TRACK ROAD SURVEY AND DESIGN	
DESIGN SUBMISSION:	
DRAWING TITLE: EXISTING CONDITIONS SURVEY	
PREPARED FOR: TOWN OF STOW	
380 GREAT RD STOW, MASSACHUSETTS	
PREPARED BY: GREEN INTERNATIONAL AFFILIATES, INC. TRANSPORTATION STRUCTURAL WATER RESOURCES CIVIL/SITE 239 LITTLETON ROAD, SUITE 3 WESTFORD, MA 01886 978.923.0400 www.greenintl.com	
SCALE: AS NOTED	FIELD CHIEF: KS
DATE: 10/22/2020	DRAWN BY: CM
PROJECT NO. 20063	CHECKED BY: PS
SHEET NO. 8 OF 19	

NO.	DATE	REVISIONS
1	XXXXXX	ENTER DESCRIPTION OF REVISION HERE

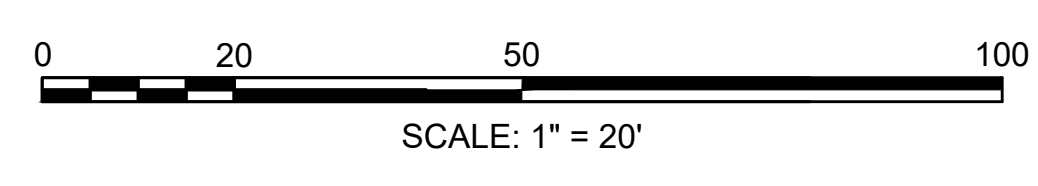


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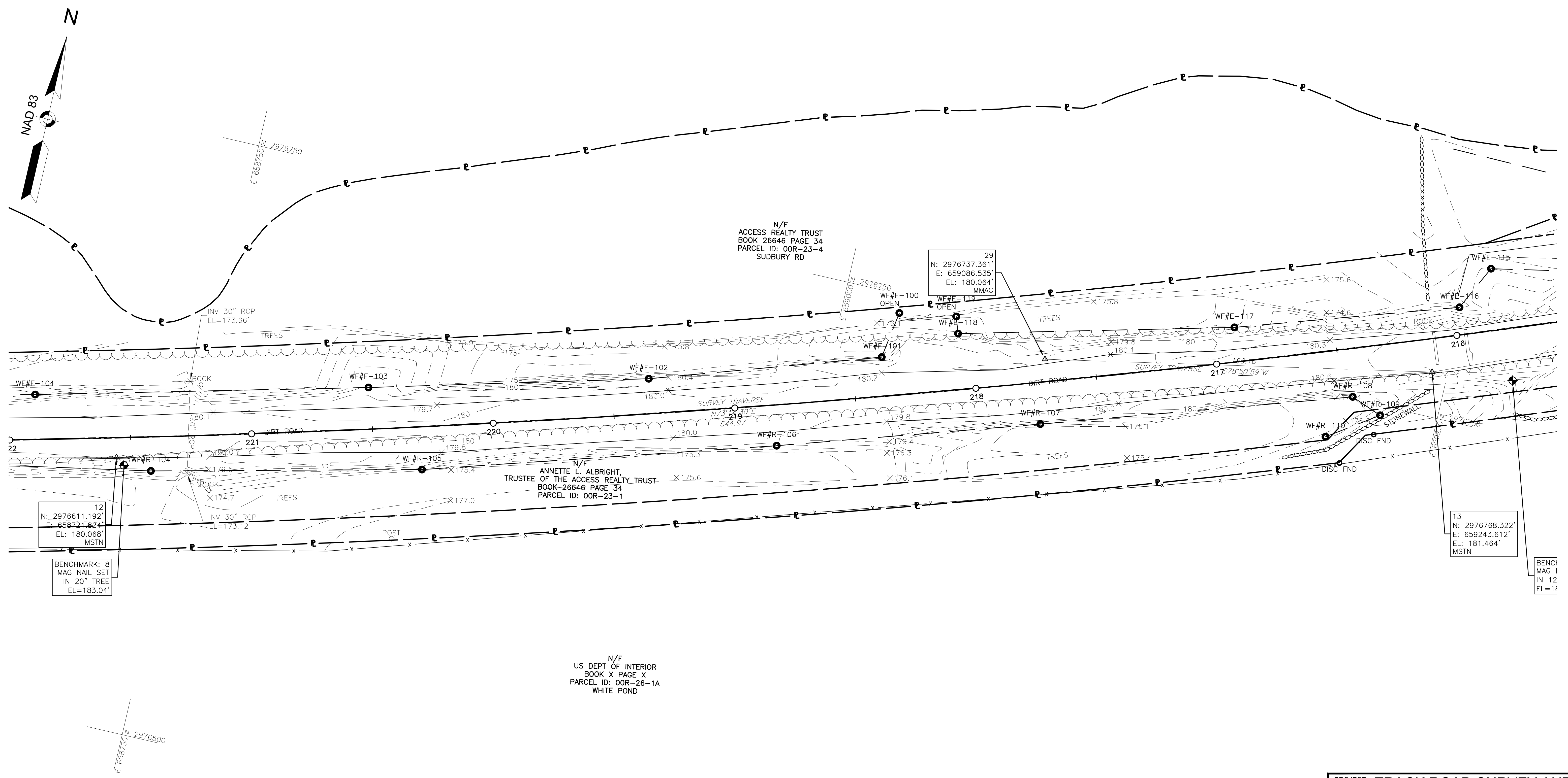
CONTINUED ON SHEET NO. 10

DRAFT 10/22/2020

PROJECT: TRACK ROAD SURVEY AND DESIGN	
DESIGN SUBMISSION:	
DRAWING TITLE: EXISTING CONDITIONS SURVEY	
PREPARED FOR: TOWN OF STOW	
380 GREAT RD STOW, MASSACHUSETTS	
PREPARED BY: GREEN INTERNATIONAL AFFILIATES, INC. TRANSPORTATION STRUCTURAL WATER RESOURCES CIVIL/SITE 239 LITTLETON ROAD, SUITE 3 WESTFORD, MA 01886 978.923.0400 www.greenintl.com	
SCALE: AS NOTED	FIELD CHIEF: KS
DATE: 10/22/2020	DRAWN BY: CM
PROJECT NO. 20063	CHECKED BY: PS
SHEET NO. 9 OF 19	



NO.	DATE	REVISIONS
1	XXXXXX	ENTER DESCRIPTION OF REVISION HERE



CONTINUED ON SHEET NO. 10

CONTINUED ON SHEET NO. 12

12
N: 2976611.192'
E: 658721.824'
EL: 180.068'
MSTN

BENCHMARK: 8
MAG NAIL SET
IN 20" TREE
EL=183.04'

13
N: 2976768.322'
E: 659243.612'
EL: 181.464'
MSTN

BENCH
MAG 1
IN 12
EL=181.464'

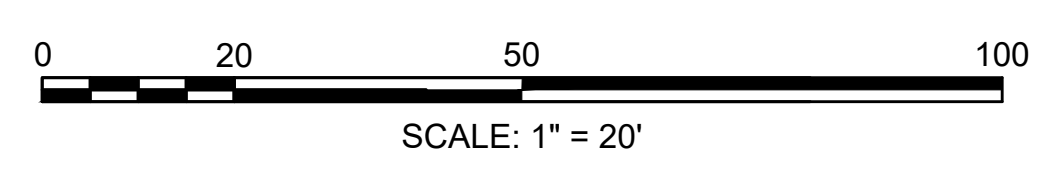
N/F
US DEPT OF INTERIOR
BOOK X PAGE X
PARCEL ID: OOR-26-1A
WHITE POND

N/F
ACCESS REALTY TRUST
BOOK 26646 PAGE 34
PARCEL ID: OOR-23-4
SUDBURY RD

N/F
ANNETTE L. ALBRIGHT,
TRUSTEE
OF THE ACCESS REALTY TRUST
BOOK-26646 PAGE 34
PARCEL ID: OOR-23-1

NOTE

- F SERIES IS A SWALE



DRAFT 10/22/2020

PROJECT: TRACK ROAD SURVEY AND DESIGN

DESIGN SUBMISSION:

DRAWING TITLE:
EXISTING CONDITIONS SURVEY

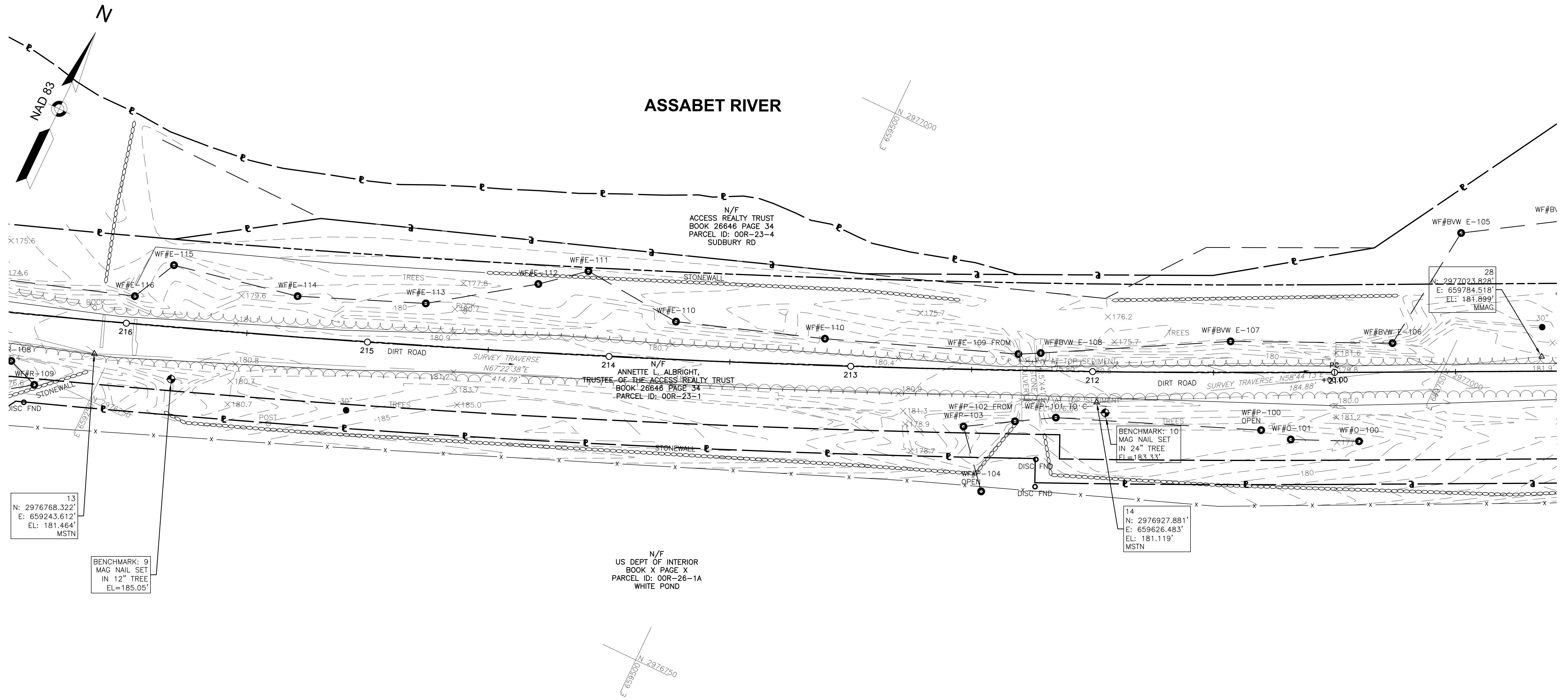
PREPARED FOR:
TOWN OF STOW

380 GREAT RD
STOW, MASSACHUSETTS

PREPARED BY:
GREEN INTERNATIONAL AFFILIATES, INC.
TRANSPORTATION | STRUCTURAL | WATER RESOURCES | CIVIL/SITE
239 LITTLETON ROAD, SUITE 3 WESTFORD, MA 01886
978.923.0400 | www.greenintl.com

SCALE: AS NOTED	FIELD CHIEF: KS	SHEET NO. 11 OF 19
DATE: 10/22/2020	DRAWN BY: CM	
PROJECT NO. 20063	CHECKED BY: PS	

NO.	DATE	REVISIONS
1	XX/XX/XX	ENTER DESCRIPTION OF REVISION HERE



CONTINUED ON SHEET NO. 11

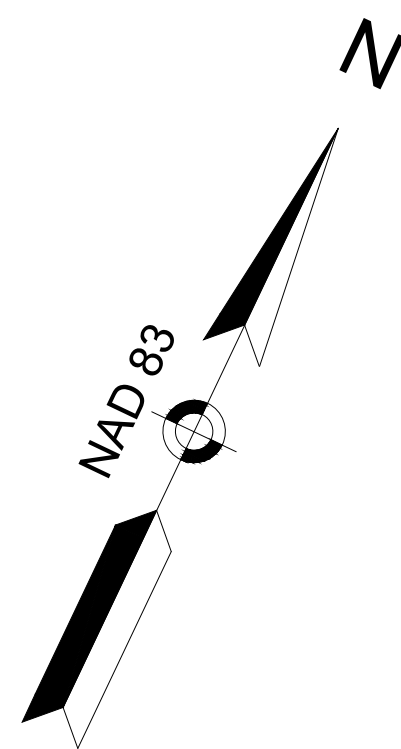
CONTINUED ON SHEET NO. 13

- NOTES**
- E-106 TO E-109 IS A SWALE. ONLY THE ROAD SIDE OF SWALE WAS FLAGGED.
 - E-116 TO E-119 IS A SWALE. ONLY THE ROAD SIDE OF SWALE WAS FLAGGED.

DRAFT 10/22/2020

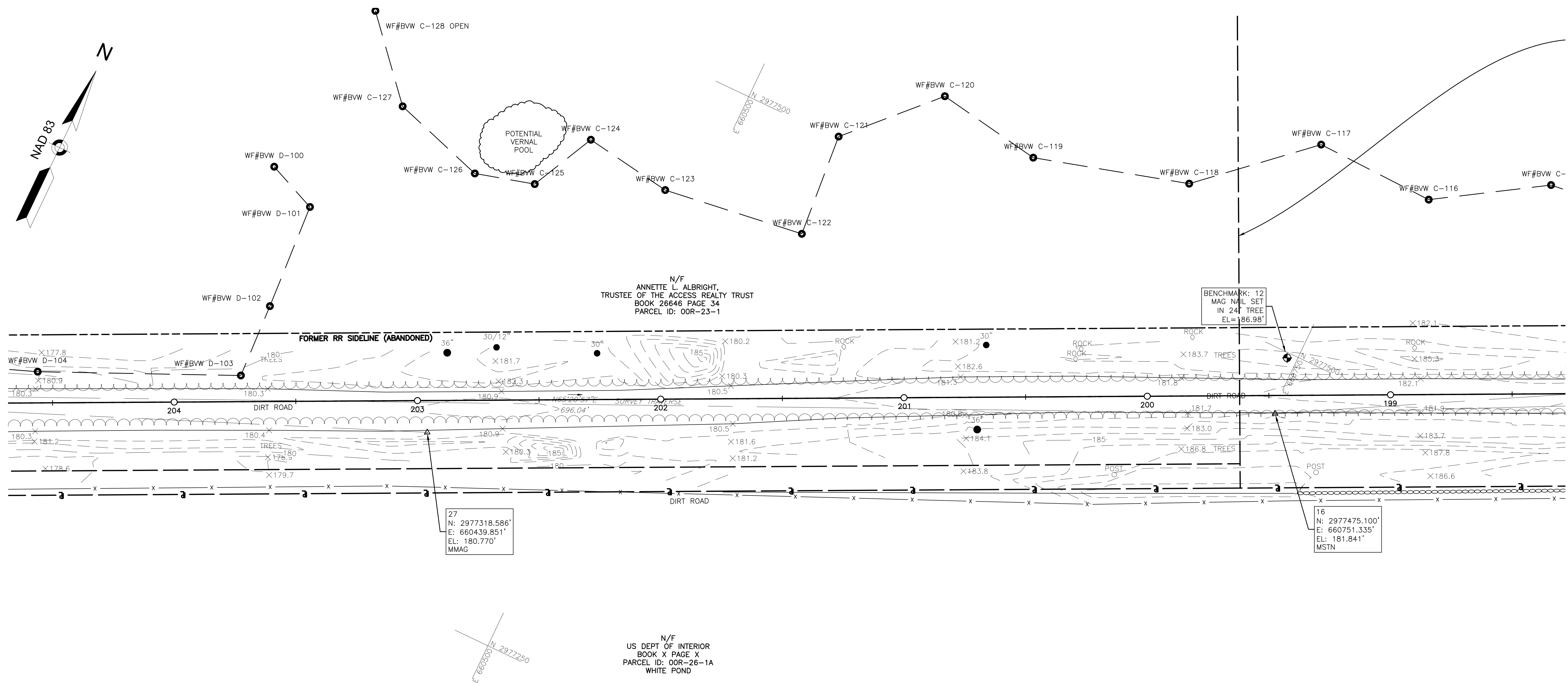
PROJECT: TRACK ROAD SURVEY AND DESIGN	
DESIGN SUBMISSION:	
DRAWING TITLE: EXISTING CONDITIONS SURVEY	
PREPARED FOR: TOWN OF STOW	
380 GREAT RD STOW, MASSACHUSETTS	
PREPARED BY: GREEN INTERNATIONAL AFFILIATES, INC. TRANSPORTATION STRUCTURAL WATER RESOURCES CIVIL/SITE 239 LITTLETON ROAD, SUITE 3 WESTFORD, MA 01886 978.923.0400 www.greenintl.com	
SCALE: AS NOTED	FIELD CHIEF: KS
DATE: 10/22/2020	DRAWN BY: CM
PROJECT NO. 20063	CHECKED BY: PS
SHEET NO. 12 OF 19	

NO.	DATE	REVISIONS
1	XX/XX/XX	ENTER DESCRIPTION OF REVISION HERE



CONTINUED ON SHEET NO. 13

CONTINUED ON SHEET NO. 15



27
N: 2977318.586'
E: 660439.851'
EL: 180.770'
MMAG

16
N: 2977475.100'
E: 660751.335'
EL: 181.841'
MSTN

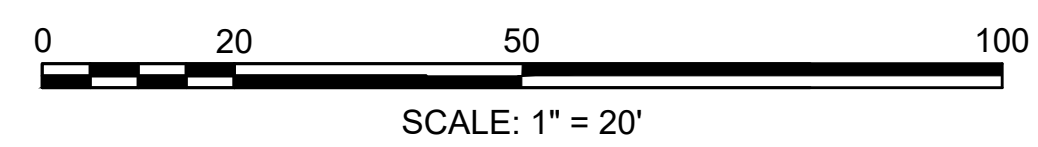
BENCHMARK: 12
MAG NAIL SET
IN 24" TREE
EL=186.98'

N/F
ANNETTE L. ALBRIGHT,
TRUSTEE OF THE ACCESS REALTY TRUST
BOOK 26646 PAGE 34
PARCEL ID: 00R-23-1

N/F
US DEPT OF INTERIOR
BOOK X PAGE X
PARCEL ID: 00R-26-1A
WHITE POND



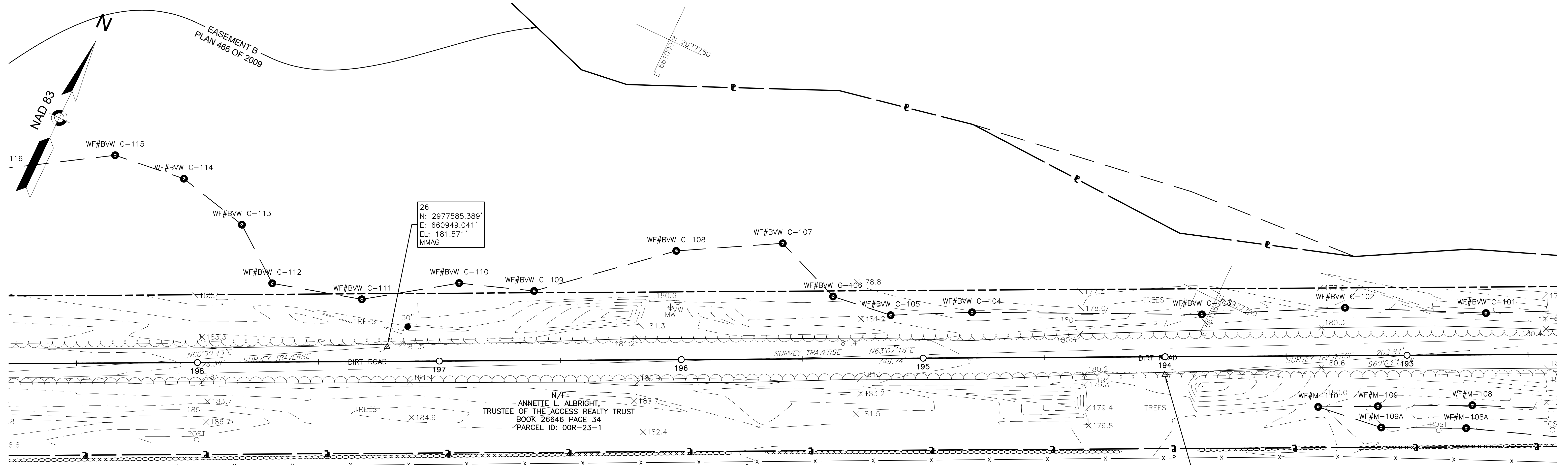
NOTE
• DATA PLOT TAKEN AT C-120



DRAFT 10/22/2020

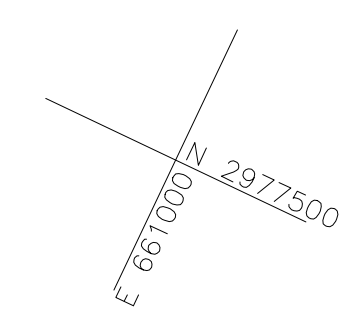
PROJECT: TRACK ROAD SURVEY AND DESIGN	
DESIGN SUBMISSION:	
DRAWING TITLE: EXISTING CONDITIONS SURVEY	
PREPARED FOR: TOWN OF STOW	
380 GREAT RD STOW, MASSACHUSETTS	
PREPARED BY: GREEN INTERNATIONAL AFFILIATES, INC.	
TRANSPORTATION STRUCTURAL WATER RESOURCES CIVIL/SITE 239 LITTLETON ROAD, SUITE 3 WESTFORD, MA 01886 978.923.0400 www.greenintl.com	
SCALE: AS NOTED	FIELD CHIEF: KS
DATE: 10/22/2020	DRAWN BY: CM
PROJECT NO. 20063	CHECKED BY: PS
SHEET NO. 14 OF 19	

NO.	DATE	REVISIONS
1	XX/XX/XX	ENTER DESCRIPTION OF REVISION HERE

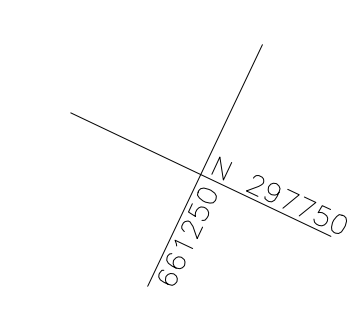


CONTINUED ON SHEET NO. 14

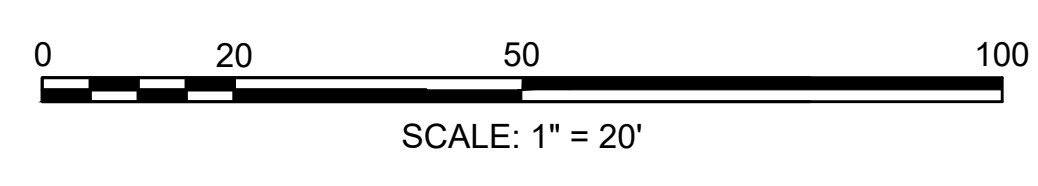
CONTINUED ON SHEET NO. 16



N/F
US DEPT OF INTERIOR
BOOK X PAGE X
PARCEL ID: 00R-26-1A
WHITE POND

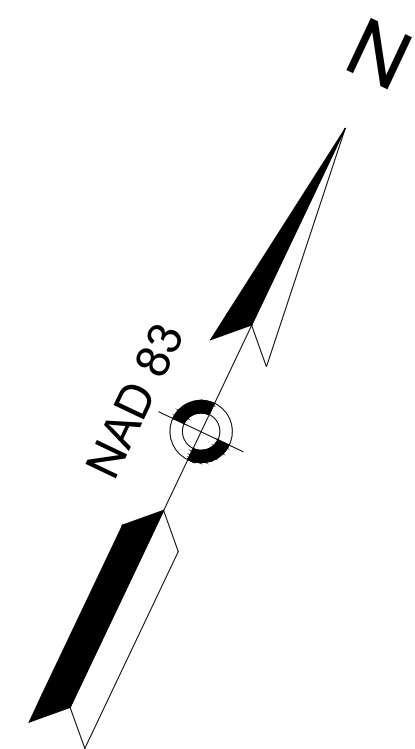


DRAFT 10/22/2020

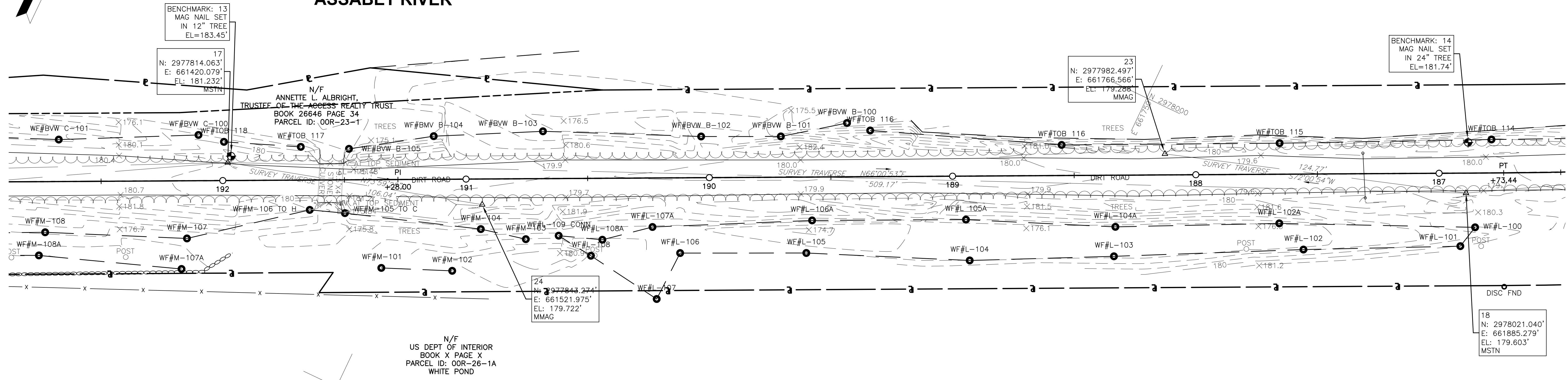


PROJECT: TRACK ROAD SURVEY AND DESIGN	
DESIGN SUBMISSION:	
DRAWING TITLE: EXISTING CONDITIONS SURVEY	
PREPARED FOR: TOWN OF STOW	
380 GREAT RD STOW, MASSACHUSETTS	
PREPARED BY: GREEN INTERNATIONAL AFFILIATES, INC. TRANSPORTATION STRUCTURAL WATER RESOURCES CIVIL/SITE 239 LITTLETON ROAD, SUITE 3 WESTFORD, MA 01886 978.923.0400 www.greenintl.com	
SCALE: AS NOTED	FIELD CHIEF: KS
DATE: 10/22/2020	DRAWN BY: CM
PROJECT NO. 20063	CHECKED BY: PS
SHEET NO. 15 OF 19	

NO.	DATE	REVISIONS
1	XXXXXX	ENTER DESCRIPTION OF REVISION HERE



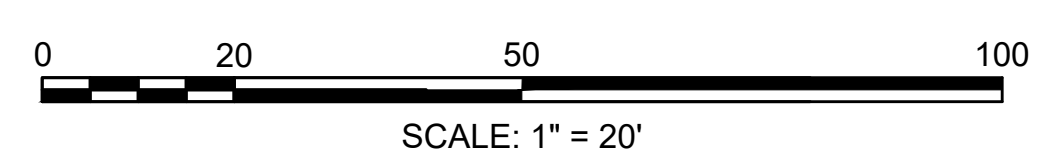
ASSABET RIVER



CONTINUED ON SHEET NO. 16

CONTINUED ON SHEET NO. 17

N/F
US DEPT OF INTERIOR
BOOK X PAGE X
PARCEL ID: 00R-26-1A
WHITE POND

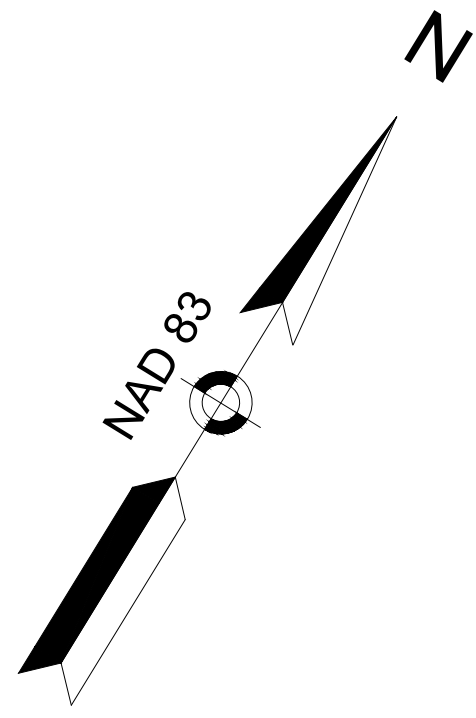


- NOTES**
- BVW B IS A NARROW SWALE. ONLY THE ROAD SIDE OF THE SWALE WAS FLAGGED.
 - BVW C BEGINS AS A NARROW SWALE BEFORE OPENING INTO THE BROADER WETLAND. ONLY THE ROAD SIDE WAS FLAGGED.

DRAFT 10/22/2020

PROJECT: TRACK ROAD SURVEY AND DESIGN	
DESIGN SUBMISSION:	
DRAWING TITLE: EXISTING CONDITIONS SURVEY	
PREPARED FOR: TOWN OF STOW	
380 GREAT RD STOW, MASSACHUSETTS	
PREPARED BY: GREEN INTERNATIONAL AFFILIATES, INC. TRANSPORTATION STRUCTURAL WATER RESOURCES CIVIL/SITE 239 LITTLETON ROAD, SUITE 3 WESTFORD, MA 01886 978.923.0400 www.greenintl.com	
SCALE: AS NOTED	FIELD CHIEF: KS
DATE: 10/22/2020	DRAWN BY: CM
PROJECT NO. 20063	CHECKED BY: PS
	SHEET NO. 16 OF 19

NO.	DATE	REVISIONS
1	XXXXXX	ENTER DESCRIPTION OF REVISION HERE



N 2978250
E 662000

ASSABET RIVER

BENCHMARK: 14
MAG NAIL SET
IN 24" TREE
EL=181.74'

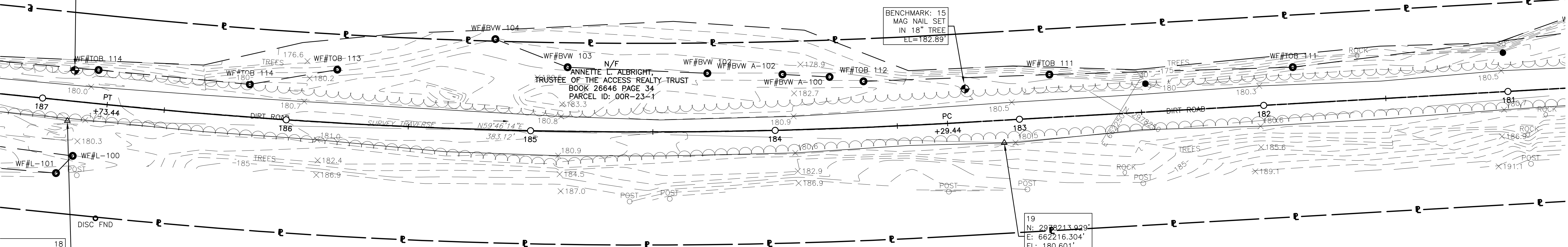
BENCHMARK: 15
MAG NAIL SET
IN 18" TREE
EL=182.89'

19
N: 2978211.999'
E: 662216.304'
EL: 180.601'
MSTN

18
N: 2978021.040'
E: 661885.279'
EL: 179.603'
MSTN

N/F
US DEPT OF INTERIOR
BOOK X PAGE X
PARCEL ID: 00R-26-1A
WHITE POND

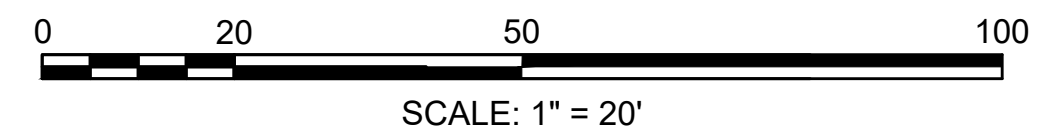
N 2978000
E 662000



CONTINUED ON SHEET NO. 16

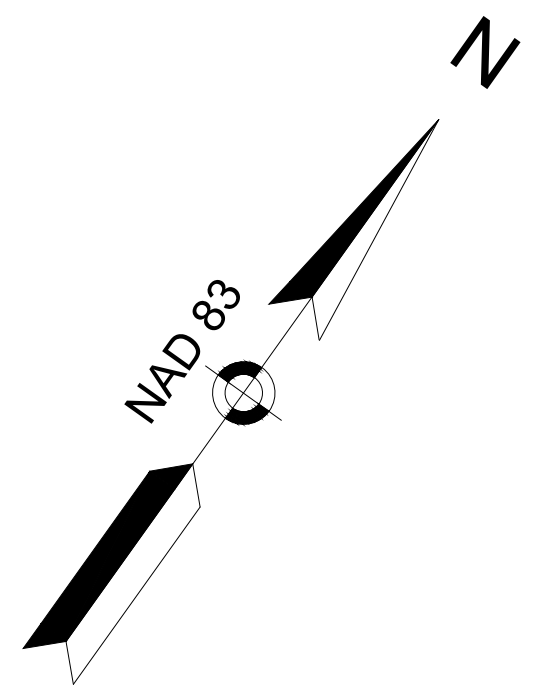
CONTINUED ON SHEET NO. 18

DRAFT 10/22/2020



PROJECT: TRACK ROAD SURVEY AND DESIGN	
DESIGN SUBMISSION:	
DRAWING TITLE: EXISTING CONDITIONS SURVEY	
PREPARED FOR: TOWN OF STOW	
380 GREAT RD STOW, MASSACHUSETTS	
PREPARED BY: GREEN INTERNATIONAL AFFILIATES, INC. TRANSPORTATION STRUCTURAL WATER RESOURCES CIVIL/SITE 239 LITTLETON ROAD, SUITE 3 WESTFORD, MA 01886 978.923.0400 www.greenintl.com	
SCALE: AS NOTED	FIELD CHIEF: KS
DATE: 10/22/2020	DRAWN BY: CM
PROJECT NO. 20063	CHECKED BY: PS
SHEET NO. 17 OF 19	

NO.	DATE	REVISIONS
1	XXXXXX	ENTER DESCRIPTION OF REVISION HERE

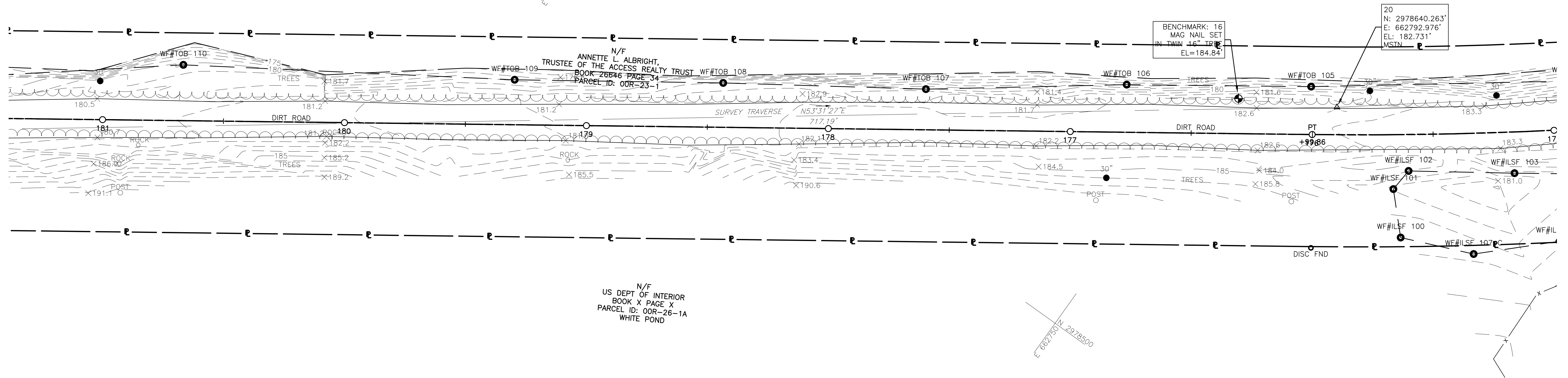


E 662750 N 2978500

E 662750 N 2978500

A

ASSABET RIVER



CONTINUED ON SHEET NO. 17

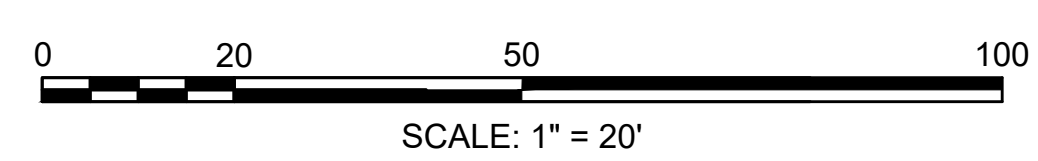
CONTINUED ON SHEET NO. 19

N/F
US DEPT OF INTERIOR
BOOK X PAGE X
PARCEL ID: 00R-26-1A
WHITE POND

E 662750 N 2978250

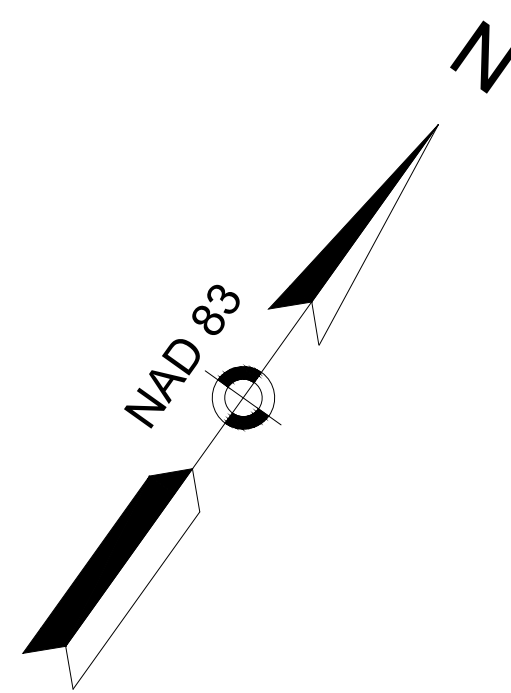
E 662750 N 2978500

DRAFT 10/22/2020



PROJECT: TRACK ROAD SURVEY AND DESIGN	
DESIGN SUBMISSION:	
DRAWING TITLE: EXISTING CONDITIONS SURVEY	
PREPARED FOR: TOWN OF STOW	
380 GREAT RD STOW, MASSACHUSETTS	
PREPARED BY: GREEN INTERNATIONAL AFFILIATES, INC.	
TRANSPORTATION STRUCTURAL WATER RESOURCES CIVIL/SITE 239 LITTLETON ROAD, SUITE 3 WESTFORD, MA 01886 978.923.0400 www.greenintl.com	
SCALE: AS NOTED	FIELD CHIEF: KS
DATE: 10/22/2020	DRAWN BY: CM
PROJECT NO. 20063	CHECKED BY: PS
SHEET NO. 18 OF 19	

NO.	DATE	REVISIONS
1	XXXXXX	ENTER DESCRIPTION OF REVISION HERE



750

ASSABET RIVER

STOW
MAYNARD

WHITE POND ROAD
(F.K.A. PINE TREE CROSSING)

BENCHMARK: 17
MAG NAIL SET
IN 36" TREE
EL=191.28'

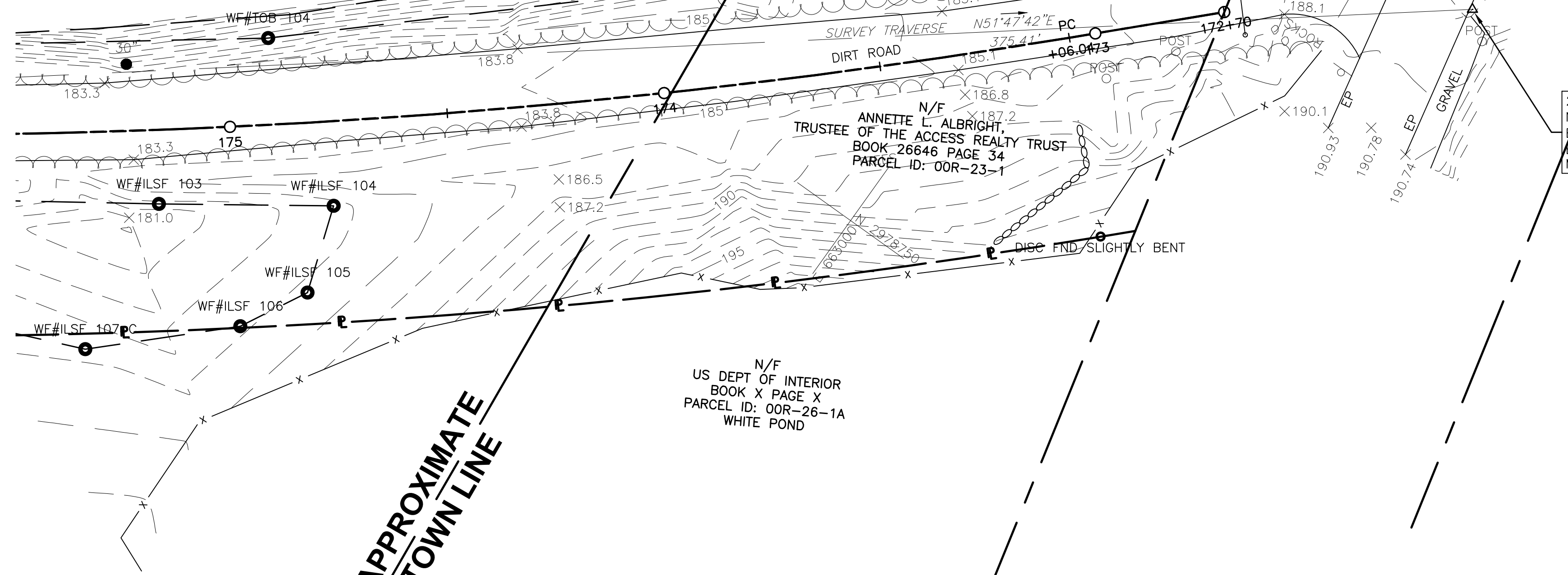
21
N/ 2978872.469'
E: 663088.002'
EL: 188.935'
MMAG

N/F
US DEPT OF INTERIOR
BOOK X PAGE X
PARCEL ID: 00R-26-1A
WHITE POND

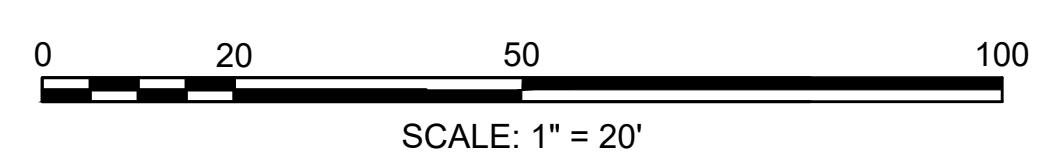
APPROXIMATE
TOWN LINE


CONTINUED ON
SHEET NO. 18

63'
6"



DRAFT 10/22/2020



PROJECT: TRACK ROAD SURVEY AND DESIGN	
DESIGN SUBMISSION:	
DRAWING TITLE: EXISTING CONDITIONS SURVEY	
PREPARED FOR: TOWN OF STOW	
380 GREAT RD STOW, MASSACHUSETTS	
PREPARED BY:  GREEN INTERNATIONAL AFFILIATES, INC. TRANSPORTATION STRUCTURAL WATER RESOURCES CIVIL/SITE 239 LITTLETON ROAD, SUITE 3 WESTFORD, MA 01886 978.923.0400 www.greenintl.com	
SCALE: AS NOTED	FIELD CHIEF: KS
DATE: 10/22/2020	DRAWN BY: CM
PROJECT NO. 20063	CHECKED BY: PS
SHEET NO. 19 OF 19	

NO.	DATE	REVISIONS
1	XXXXXX	ENTER DESCRIPTION OF REVISION HERE