

**BOXFORD
GLENDALE ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	#####	----	----
PROJECT FILE NO.		#####	

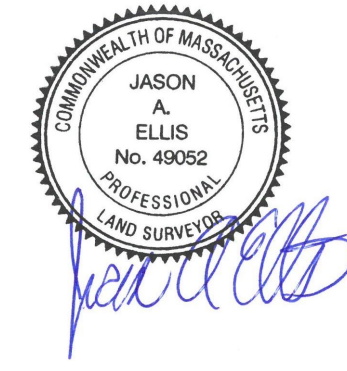
WETLAND REPLICATION AREA

GENERAL NOTES

1. THE BOXFORD CONSERVATION COMMISSION SHALL BE NOTIFIED NO LESS THAN ONE (1) WEEK IN ADVANCE OF THE INITIATION OF ANY WETLAND REPLICATION WORK.
 2. PRIOR TO ANY WORK A QUALIFIED WETLAND SCIENTIST WILL REFLAG THE EXISTING JURISDICTIONAL WETLAND BOUNDARY.
 3. PRIOR TO THE INITIATION OF ANY WORK, THE LIMIT OF THE WETLAND REPLICATION AREA SHALL BE LOCATED AND STAKED VIA SURVEY.
 4. A QUALIFIED RESTORATION ECOLOGIST OR WETLAND SCIENTIST SHALL OVERSEE ALL WORK PERFORMED BY CONTRACTORS.
 5. IN THE EVENT THAT SPECIFIED PLANTINGS ARE UNAVAILABLE, SUITABLE SUBSTITUTE SPECIES MAY BE CONSIDERED, HOWEVER PLANT SELECTION SHALL BE LIMITED TO NATIVE SPECIES SUITABLE TO THE GROWING CONDITIONS OF THE SITE. ANY PROPOSED DEVIATION FROM THIS PLAN MUST BE SUBMITTED TO THE CONSERVATION COMMISSION FOR REVIEW AND APPROVAL PRIOR TO EXECUTION.
 6. PRIOR TO ANY VEGETATION CLEARING OR EARTH DISTURBANCE, SEDIMENT CONTROLS SHALL BE INSTALLED ALONG THE LIMIT OF WORK LINE IN ACCORDANCE WITH ALL SPECIFICATIONS. THE CONSERVATION COMMISSION SHALL BE NOTIFIED UPON COMPLETION OF INSTALLATION AND AFFORDED THE OPPORTUNITY TO INSPECT ALL INSTALLED SEDIMENT CONTROLS PRIOR TO INITIATION OF ANY WORK.
 7. FOLLOWING INSTALLATION OF SEDIMENT CONTROLS, CONTRACTORS SHALL REMOVE ALL INVASIVE SPECIES WITHIN THE PROPOSED REPLICATION AREA.
 8. FOLLOWING VEGETATION CLEARING, THE CONTRACTOR SHALL REDUCE GRADES WITHIN THE REPLICATION AREA TO MATCH GRADES OF THE EXISTING WETLAND. THE FINISHED GRADE THROUGHOUT THE REPLICATION AREA SHALL BE ROUGHLY ELEVATION 118'. TO ENSURE THAT THE REPLICATION AREA WILL MAINTAIN HYDROLOGIC CONNECTIVITY TO THE EXISTING WETLAND, GRADING MUST BE MONITORING BY A QUALIFIED WETLAND SCIENTIST WITH AUTHORIZATION TO MAKE MINOR FIELD CHANGES TO THE DEPTH OF GRADES BASED ON FIELD OBSERVED SOILS AND DEPTH TO WATER TABLE.
 9. FOLLOWING GRADING, CONTRACTORS SHALL APPLY A UNIFORM LAYER OF NO GREATER THAN 6-INCHES OF CLEAN ORGANIC RICH TOPSOIL, SCREENED LOAM, OR COMPOST TO PROVIDE SUITABLE GROWING SUBSTRATE FOR NATIVE PLANTINGS AND SEED MIXES.
 10. FOLLOWING APPLICATION OF ORGANIC TOPSOIL, THE CONTRACTOR SHALL REPLANT AND SEED THE AREA IN ACCORDANCE WITH THE FOLLOWING PLANTING SCHEDULE:
 - TREES AND SHRUBS
 - a. FIVE (5) EASTERN SHADBUSH (AMELANCHIER CANADENSIS, FAC) - #3 POTS
 - b. FIVE (5) SWEET PEPPERBUSH (CLETHRA ALNIFOLIA, FAC) - #3 POTS
 - c. FIVE (5) BLACK CHOKEBERRY (ARONIA MELANOCARPA, FAC) - #3 POTS
 - HERBACEOUS PLANTS
 - d. FIFTY (50) SENSITIVE FERN (ONOCLEA SENSIBILIS, FACW) - #1 POTS
 - e. ONE HUNDRED (100) BONESET (EUPATORIUM PERFOLIATUM, FACW) - 2" PLUGS
 - f. ONE HUNDRED (100) SPOTTED JOE-PYE WEED (EUTROCHUM FISTULOSUM, FACW) - 2" PLUGS
 - NOTES: ALL TREES AND SHRUBS SHALL BE NO LESS THAN POT SIZE #3 AND 3-4' HEIGHT AT PLANTING. ALL TREES AND SHRUBS SHALL BE PLANTED AT AN OFF-CENTERING DISTANCE NO LESS THAN 6' FROM OTHER PLANTED SHRUBS. HERBACEOUS PLANTS SHALL BE USED TO FILL GAPS BETWEEN PLANTED SHRUBS THROUGHOUT THE REPLICATION AREA.
 11. FOLLOWING INSTALLATION OF WETLAND PLANTS, APPLY A 3:1 RATIO BLEND OF NEW ENGLAND RESTORATION SEED MIX FOR MOIST SITES (6 LBS.) AND NEW ENGLAND WETLAND SEED MIX (2 LBS.) AVAILABLE FROM NEW ENGLAND WETLAND PLANTS, INC.
 12. FOLLOWING APPLICATION OF SEED MIX, APPLY A THIN UNIFORM LAYER OF STRAW MULCH TO ALL SEEDED AREAS.
- SURVEY NOTES**
13. THE HORIZONTAL DATUM FOR THIS SURVEY IS THE MASSACHUSETTS COORDINATE SYSTEM, NAD 1983, MAINLAND ZONE. THE VERTICAL DATUM FOR THIS SURVEY IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVVD88). SAID DATUMS WERE ESTABLISHED VIA GPS OBSERVATIONS UTILIZING NAD83 (NA2011) EPOCH 2010.00 (MYCS2) AND GEOID 18.
 14. UNDERGROUND UTILITIES SHOWN HEREON ARE COMPILED FROM FIELD LOCATIONS OF DRAINAGE STRUCTURES ONLY. OTHER UNDERGROUND UTILITIES MAY EXIST. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION, SIZE & ELEVATION OF ALL UTILITIES WITHIN THE AREA OF PROPOSED WORK AND TO CONTACT "DIG-SAFE" AT 811 AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION, DEMOLITION OR CONSTRUCTION.

LEGEND

- BF# BANK FLAG
- BHL # BORE HOLE
- BUSH
- BM # BENCHMARK
- BOUND (CONC, STONE, LAND COURT, ETC.)
- CABLE MANHOLE
- CB CATCH BASIN - SQUARE
- CB CATCH BASIN - D-FRAME
- CB CATCH BASIN - ROUND
- DSK DISK (CAT, USC&GS, LAND COURT, ETC.)
- DH DRILL HOLE
- DMH DRAIN MANHOLE
- EHH ELECTRIC HANDHOLE
- EHM ELECTRIC MANHOLE
- EM ELECTRIC METER
- EPLP ESCUTCHEON PIN IN LEAD PLUG
- △ FB FLASHING BEACON
- △ FES FLARED END SECTION
- FP FLAG POLE
- GF GAS FILL
- GG GAS GATE
- GM GAS METER
- GP GAS PUMP
- GPM GAS MANHOLE
- GPL GUY POLE
- HNDP HANDICAP SYMBOL
- GWA GUY WIRE ANCHOR
- HTP HIGH TENSION POWER POLE
- FH FIRE HYDRANT
- IP IRON PIPE
- LP LIGHT POLE
- LPLD LIGHT POLE DOUBLE LIGHT
- MAG MAG NAIL
- MB MAIL BOX
- MASSACHUSETTS HIGHWAY BOUND
- MW MONITORING WELL
- OIL OIL FILL
- OM OTHER MANHOLE
- PB PULL BOX
- PED PEDESTRIAN SIGNAL
- △ PHOTO CONTROL - H & V
- △ PHOTO CONTROL - V ONLY
- PK PK NAIL
- PM PARKING METER
- POST CIRCULAR POST
- POST SQUARE POST
- RB REBAR/IRON PIN
- RRS RAILROAD SPIKE
- △ RRSW RAILROAD SIGNAL
- △ RRSW RAILROAD SWITCH
- △ SN STAKE AND NAIL
- SP STAND PIPE
- SMH SEWER MANHOLE
- SMH STEAM MANHOLE
- STUMP
- TB TOWN LINE BOUND (CORNER)
- TCB TRAFFIC SIGNAL CONTROL CABINET
- TMH TELEPHONE MANHOLE
- TRM TRANSFORMER
- TLR TOWN LINE ROAD STONE
- TPIT TEST PIT
- TPL TROLLEY POLE
- △ TP TRVERSE POINT
- 22" M TREE
- TS TRAFFIC SIGNAL
- TS TRAFFIC SIGNAL MAST ARM/SPAN WIRE POLE
- SIGN
- SIGN - DOUBLE POST
- UFB# UTILITY POLE W/ FIRE PULL BOX
- ULT# UTILITY POLE W/ LIGHT
- UPDL# UTILITY POLE W/ DOUBLE LIGHT
- UPL# UTILITY POLE
- VP VENT PIPE
- WM WATER MANHOLE
- WG WATER GATE
- WM WATER METER
- WSO WATER SHUTOFF
- WELL WELL (POTABLE)
- WF# WETLAND FLAG
- X-CUT X-CUT

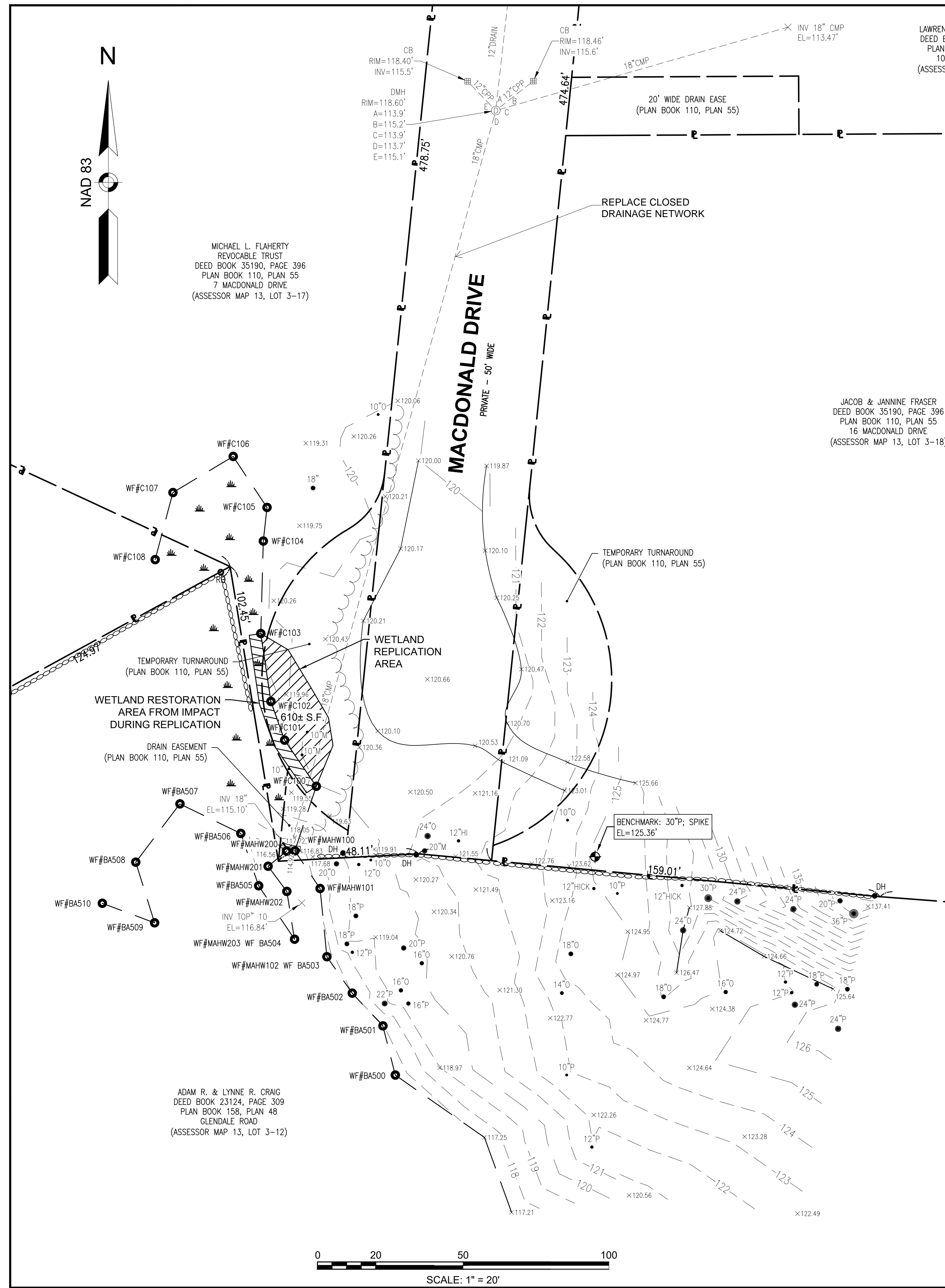


MICHAEL L. FLAHERTY
REVOCABLE TRUST
DEED BOOK 35190, PAGE 396
PLAN BOOK 110, PLAN 55
7 MACDONALD DRIVE
(ASSESSOR MAP 13, LOT 3-17)

JACOB & JANNINE FRASER
DEED BOOK 35190, PAGE 396
PLAN BOOK 110, PLAN 55
16 MACDONALD DRIVE
(ASSESSOR MAP 13, LOT 3-18)

ADAM R. & LYNNE R. CRAIG
DEED BOOK 23124, PAGE 309
PLAN BOOK 158, PLAN 48
GLENDALE ROAD
(ASSESSOR MAP 13, LOT 3-12)

LAWRENCE & HOLLY DRAGINICH
DEED BOOK 16420, PAGE 304
PLAN BOOK 110, PLAN 55
10 MACDONALD DRIVE
(ASSESSOR MAP 13, LOT 3-19)



PREPARED BY:
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DANVERS, MA 01923

MASSACHUSETTS DEPARTMENT OF TRANSPORTATION
PLAN OF TOPOGRAPHIC SURVEY OF
GLENDALE ROAD

IN THE TOWN OF
BOXFORD

AS ORDERED BY
THE MASSACHUSETTS DEPARTMENT OF
TRANSPORTATION, HIGHWAY DIVISION

REVISIONS		
REV.	COMMENTS	DATE

SCALE: 20 FEET TO THE INCH

FILE NAME: 2589812_MDOT.dwg
FIELD BOOK NO: 914
DRAWN BY: RDF
FIELD CHIEF: ELM

CHECKED BY: JAE
PARS. NO: ###

DATE: 10/31/2023

SHEET 1 OF 1