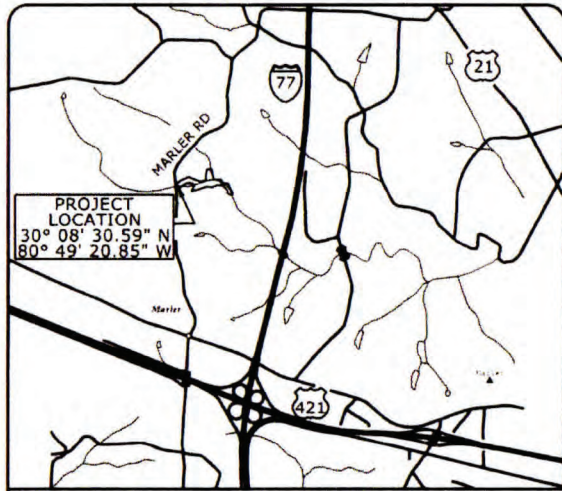


PROJECT: MEADOW BROOK

NC DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF MITIGATION SERVICES

STATE NC	PROJECT REFERENCE NO. 082	SHEET NO. 1	TOTAL SHEETS 10
-------------	------------------------------	----------------	--------------------



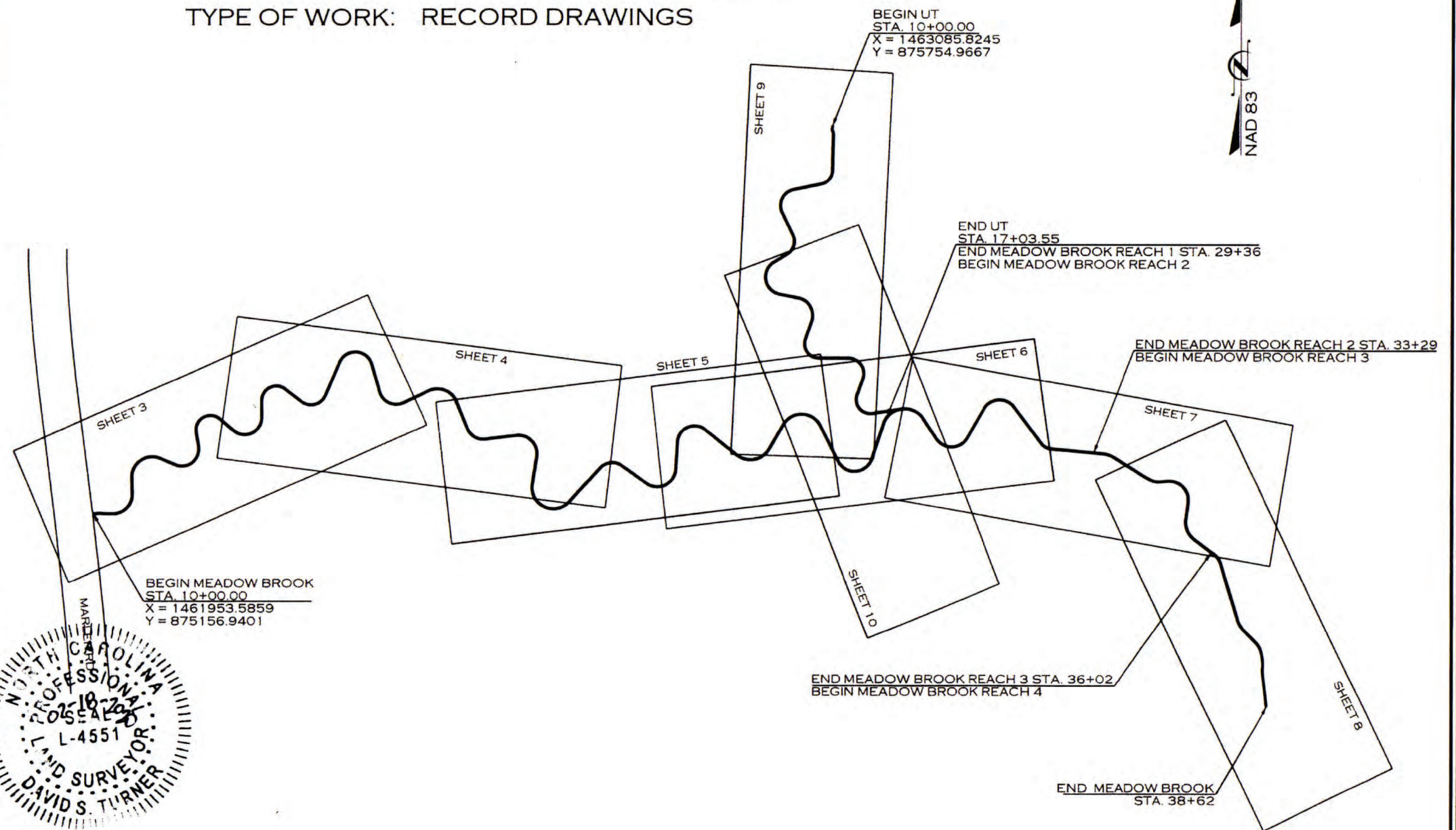
VICINITY MAP

INDEX OF SHEETS

- TITLE SHEET
- STREAM CONVENTIONAL SYMBOLS
GENERAL NOTES
CONSTRUCTION SEQUENCE
- 10 PLAN AND PROFILE

YADKIN COUNTY

LOCATION: MARLER RD., YADKIN COUNTY, NC
TYPE OF WORK: RECORD DRAWINGS

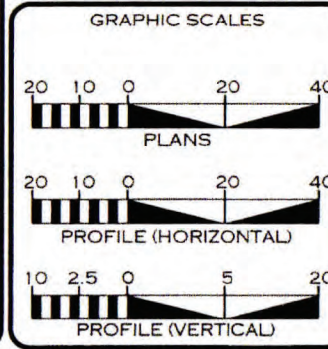
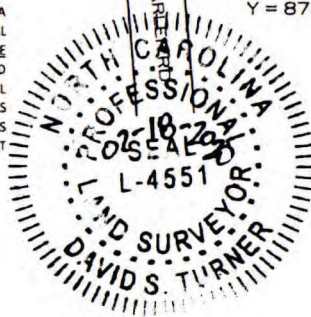


SURVEYOR CERTIFICATION

I, DAVID S. TURNER, HEREBY CERTIFY THAT THE GROUND TOPOGRAPHIC SURVEY PORTION OF THIS PROJECT WAS COMPLETED UNDER MY DIRECT SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY DIRECT SUPERVISION, THAT THE RECORD DRAWINGS WERE PREPARED BY ECOSYSTEM PLANNING AND RESTORATION, PLLC FROM DIGITAL FILES PROVIDED BY TURNER LAND SURVEYING, PLLC AS SHOWN ON AN AS-BUILT SURVEY FOR "THE STATE OF NC, DIVISION OF MITIGATION SERVICES" DATED AUGUST 18, 2019; THAT THIS SURVEY WAS PERFORMED AT THE 95% CONFIDENCE LEVEL TO MEET THE FEDERAL GEOGRAPHIC DATA COMMITTEE STANDARDS; THAT THE SURVEY WAS PERFORMED TO MEET THE REQUIREMENTS FOR A TOPOGRAPHIC SURVEY TO THE ACCURACY OF CLASS A HORIZONTAL AND CLASS C VERTICAL WHERE APPLICABLE; THAT THE ORIGINAL DATA WAS OBTAINED BETWEEN THE DATES OF 1 JUNE & 31 JULY OF 2019; THAT THE CONTOURS SHOWN AS BROKEN LINES MAY NOT MEET THE STATED STANDARD; THAT ALL COORDINATES ARE BASED ON THE NAD83(NSRS 2011) DATUM AND ALL ELEVATIONS ARE BASED ON THE NAVD83 DATUM; THAT THIS MAP MEETS THE SPECIFICATIONS FOR TOPOGRAPHIC SURVEYS STATED IN TITLE 21, CHAPTER 56, SECTION 1606; AND THAT THIS MAP WAS NOT PREPARED IN ACCORDANCE WITH G.S. 47-30, AS AMENDED AND DOES NOT REPRESENT AN OFFICIAL BOUNDARY SURVEY.

WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER, AND SEAL THIS 18th DAY OF Feb., 2020.

David S. Turner
DAVID S. TURNER, P.L.S. #L-4551



REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	RECORD DRAWINGS	CJ	KLT	2/12/20

PREPARED FOR:

NC DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF MITIGATION SERVICES
1652 MAIL SERVICE CENTER
RALEIGH, NC 27699-1652

HARRY TSOMIDES
PROJECT MANAGER

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION
1150 SE MAYNARD RD
SUITE 140
CARY, NC 27511
LICENSE # P-1182

FALL 2019
COMPLETION DATE:

CIDNEY JONES, PE
PROJECT ENGINEER

PROJECT ENGINEER

SIDNEY J. JONES
P.E.

SIGNATURE:

STREAM CONVENTIONAL SYMBOLS

PROJECT # 082 SHEET NO. 2

SYMBOLY / NOTES

- ROCK J-HOOK (JH)
- ROCK VANE (RV)
- OFFSET ROCK CROSS VANE (OV)
- ROCK CROSS VANE (XV)
- TEMPORARY SILT CHECK
- ROOT WAD (RW)
- GRADE CONTROL LOG J-HOOK (LJH)
- LOG VANE (LV)
- LOG STEP (LS)
- ROCK STEP (RS)
- LOG CROSS VANE (XV)
- CONSTRUCTED CASCADE (CC)
- CONSTRUCTED RIFFLE (CR)
- BOULDER CLUSTER
- LOG ROLLER (LR)
- GRADE CONTROL WOODY RIFFLE (WR)
- TOEWOOD WITH GEOLIFT (TW)
- SOD MATS (SM)
- DEBRIS JAM (DJT#)
- SINGLE WING DEFLECTOR (SW)
- DOUBLE WING DEFLECTOR (DW)
- SF — SAFETY FENCE
- TP — TAPE FENCE
- ||| — SILT FENCE
- CE — CONSERVATION EASEMENT
- - 20 - - EXISTING MAJOR CONTOUR
- - - - - EXISTING MINOR CONTOUR
- 20 — PROPOSED MAJOR CONTOUR
- 21 — PROPOSED MINOR CONTOUR
- - - - - LIMITS OF DISTURBANCE
- — — — — BANKFULL BENCH (GRADE)
- - - - - PROPERTY LINE
- ::::: ACCESS ROAD
- 10+00 ——— STREAM THALWEG
- STREAM TOP OF BANKS
-)))) FOOT BRIDGE
- ||| TEMPORARY STREAM CROSSING
- ||| PERMANENT FORD STREAM CROSSING (PFC)
- (V) TRANSPLANTED VEGETATION
- (X) TREE REMOVAL
- (P) TREE PROTECTION
- [X] GEOLIFT
- [] CHANNEL FILL
- [] DITCH PLUG
- [/] GRADE BANK 2:1 OR FLATTER
- [] EXISTING WETLANDS

MONITORING FEATURES

- VP VEGETATION MONITORING PLOT
- (G) MONITORING GAUGE
- (P) PHOTO POINT
- XS ——— MONITORING CROSS SECTION

ASBUILT FEATURES

- [] ASBUILT CONSTRUCTED RIFFLE
- [] ASBUILT TOE WOOD

**NOTE: ALL ITEMS ABOVE MAY NOT BE USED ON THIS PROJECT

GENERAL NOTES

1. CONSTRUCTION WAS COMPLETED IN JUNE 2019.
2. TOPOGRAPHIC SURVEY WAS COMPLETED BY TURNER LAND SURVEYING, PLLC IN SEPTEMBER 2017.
3. ASBUILT SURVEY WAS COMPLETED BY TURNER LAND SURVEYING, PLLC IN AUGUST 2019.

2/11/2020 11:00:00 AM C:\PROJECTS\RDUC082_NCDCEQ_MEADOWBROOK_FDI\CADD\PLANS\ASBUILT\MB_ASB_PSH_02.DGN

REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	RECORD DRAWINGS	CJ	KLT	2/14/20

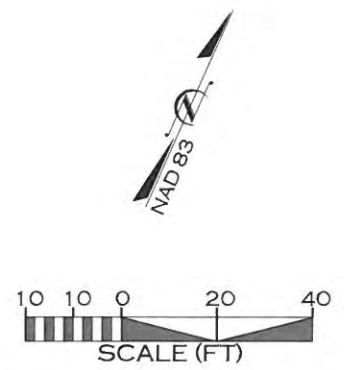
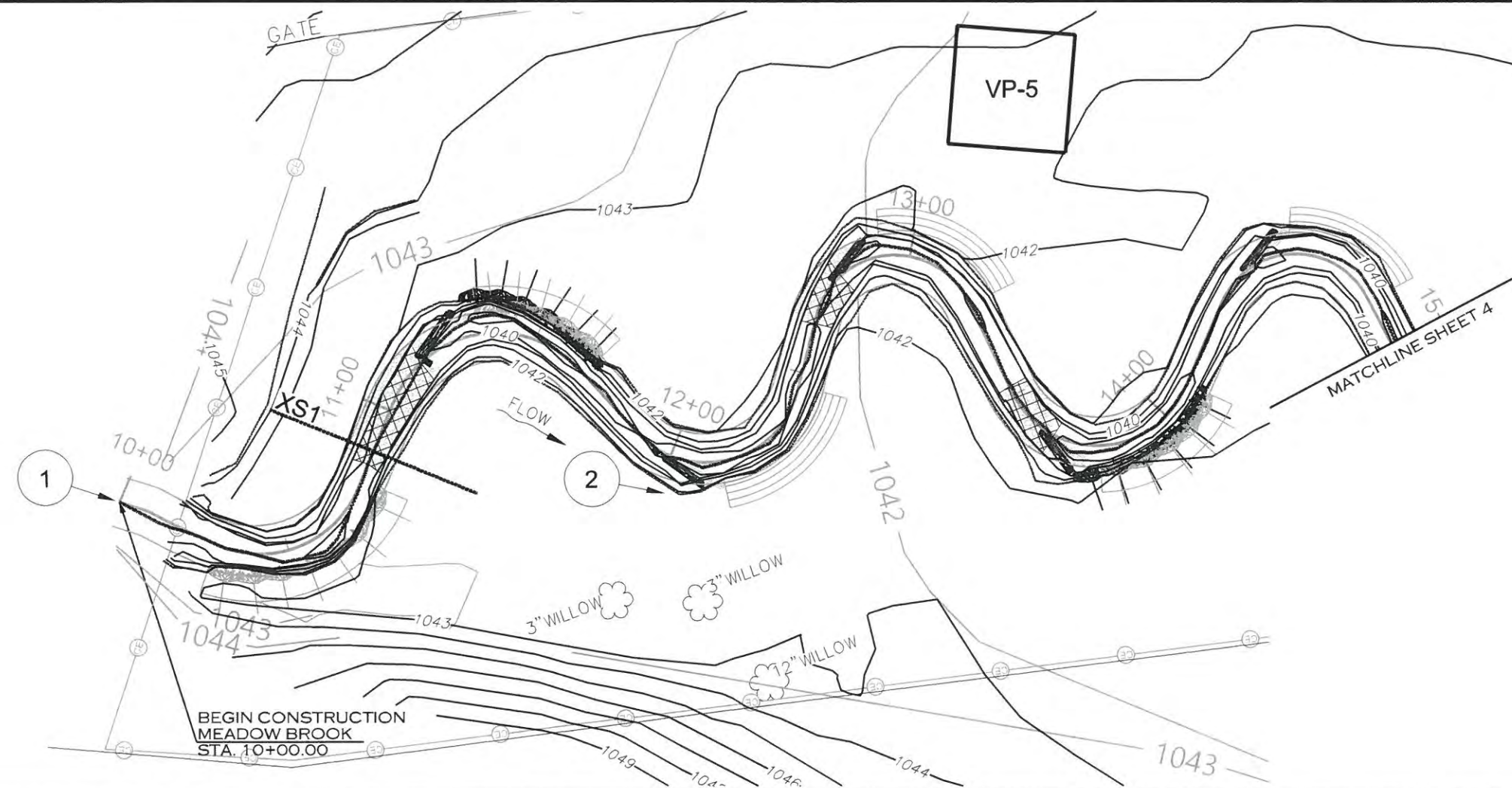
PREPARED FOR:

NC DEPARTMENT OF ENVIRONMENTAL QUALITY
 DIVISION OF MITIGATION SERVICES
 1652 MAIL SERVICE CENTER
 RALEIGH, NC 27699-1652

MEADOW BROOK
 YADKIN COUNTY, NC

PREPARED IN THE OFFICE OF:

ECOSYSTEM
 PLANNING &
 RESTORATION
 1150 SE MAYNARD RD, SUITE 140
 CARY, NC 27511
 LICENSE # P-1182



2/11/2020 11:02:02 PROJECTS\RD00082_NCDEQ_MEADOWBROOK_FD\CADD\PLANS\ASBUILT\MB_ASB_PSH_03.DGN

REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	RECORD DRAWINGS	CJ	KLT	2/14/20

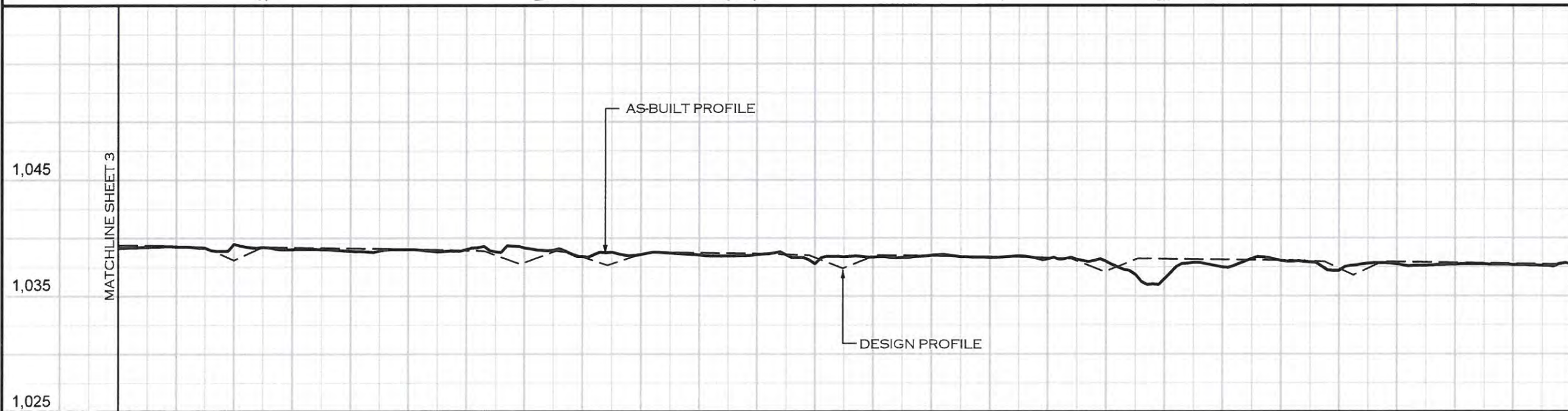
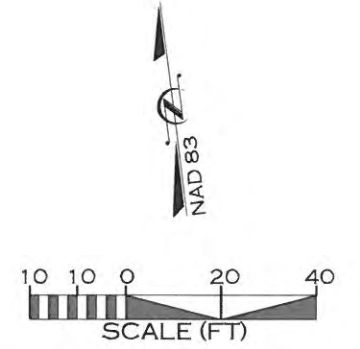
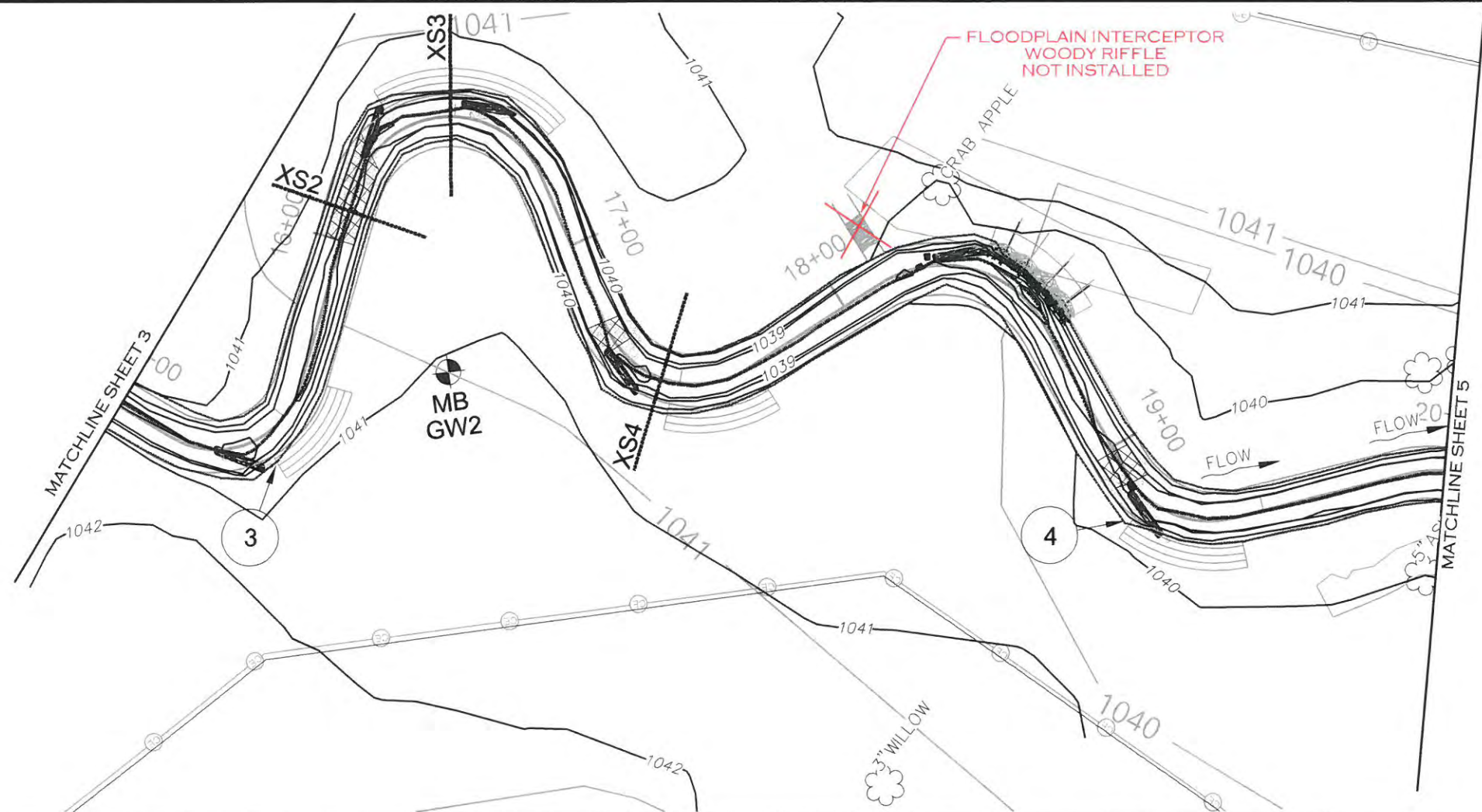
PREPARED FOR:

NC DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF MITIGATION SERVICES
1652 MAIL SERVICE CENTER
RALEIGH, NC 27699-1652

MEADOW BROOK
YADKIN COUNTY, NC

PREPARED IN THE OFFICE OF:

ECOSYSTEM
PLANNING &
RESTORATION
1150 SE MAYNARD RD, SUITE 140
CARY, NC 27511
LICENSE # P-1182



2/11/2020 R:\PROJECTS\RD00082_NCDQMeadowBrook_FDY_CADD\PLANS\AS-BUILT\MB_ASB_PSH_04.DGN

MATCHLINE SHEET 3 15+00 16+00 17+00 18+00 19+00 20+00 MATCHLINE SHEET 5

REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	RECORD DRAWINGS	CJ	KLT	2/14/20

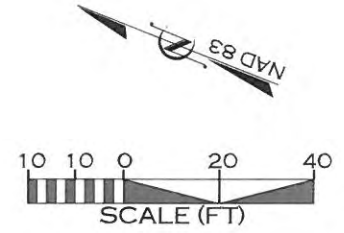
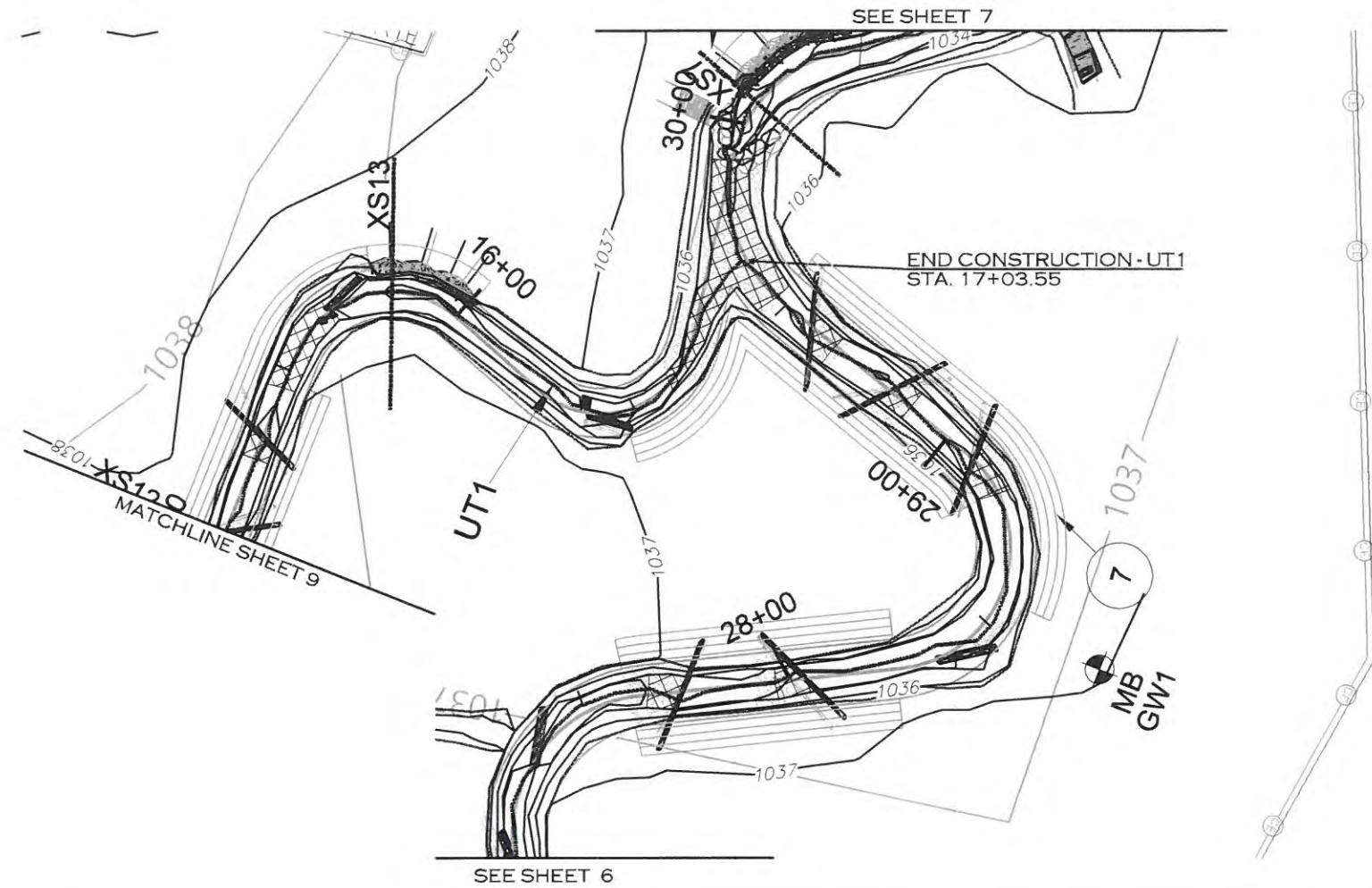
PREPARED FOR:

NC DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF MITIGATION SERVICES
1652 MAIL SERVICE CENTER
RALEIGH, NC 27699-1652

MEADOW BROOK
YADKIN COUNTY, NC

PREPARED IN THE OFFICE OF:

ECOSYSTEM PLANNING & RESTORATION
1150 SE MAYNARD RD, SUITE 140
CARY, NC 27511
LICENSE # P-1182



2/11/2020 R:\PROJECTS\RD00082_NCDJQ_Meadow Brook_FDX\CADD\PLANS\AS-BUILT\MB_ASB_PSH_10.DGN

REVISIONS				
NO.	DESCRIPTION	ENGR.	APPROV.	DATE
1	RECORD DRAWINGS	CJ	KLT	2/14/20

PREPARED FOR:

NC DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF MITIGATION SERVICES
1652 MAIL SERVICE CENTER
RALEIGH, NC 27699-1652

MEADOW BROOK
YADKIN COUNTY, NC

PREPARED IN THE OFFICE OF:

ECOSYSTEM
PLANNING &
RESTORATION

1150 SE MAYNARD RD, SUITE 140
CARY, NC 27511
LICENSE # P-1182

NORTH CAROLINA
PROFESSIONAL ENGINEER
SEAL
043187
CIDNEY J. JONES