

MASSACHUSETTS DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	01	282
PROJECT FILE NO.		608886	

TITLE SHEET & INDEX

PLAN AND PROFILE OF NORTH ROAD & DAMON POND ROAD

IN THE TOWN OF CHESTERFIELD HAMPSHIRE COUNTY

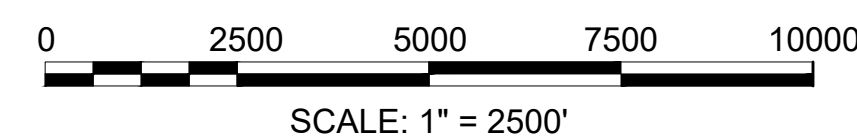
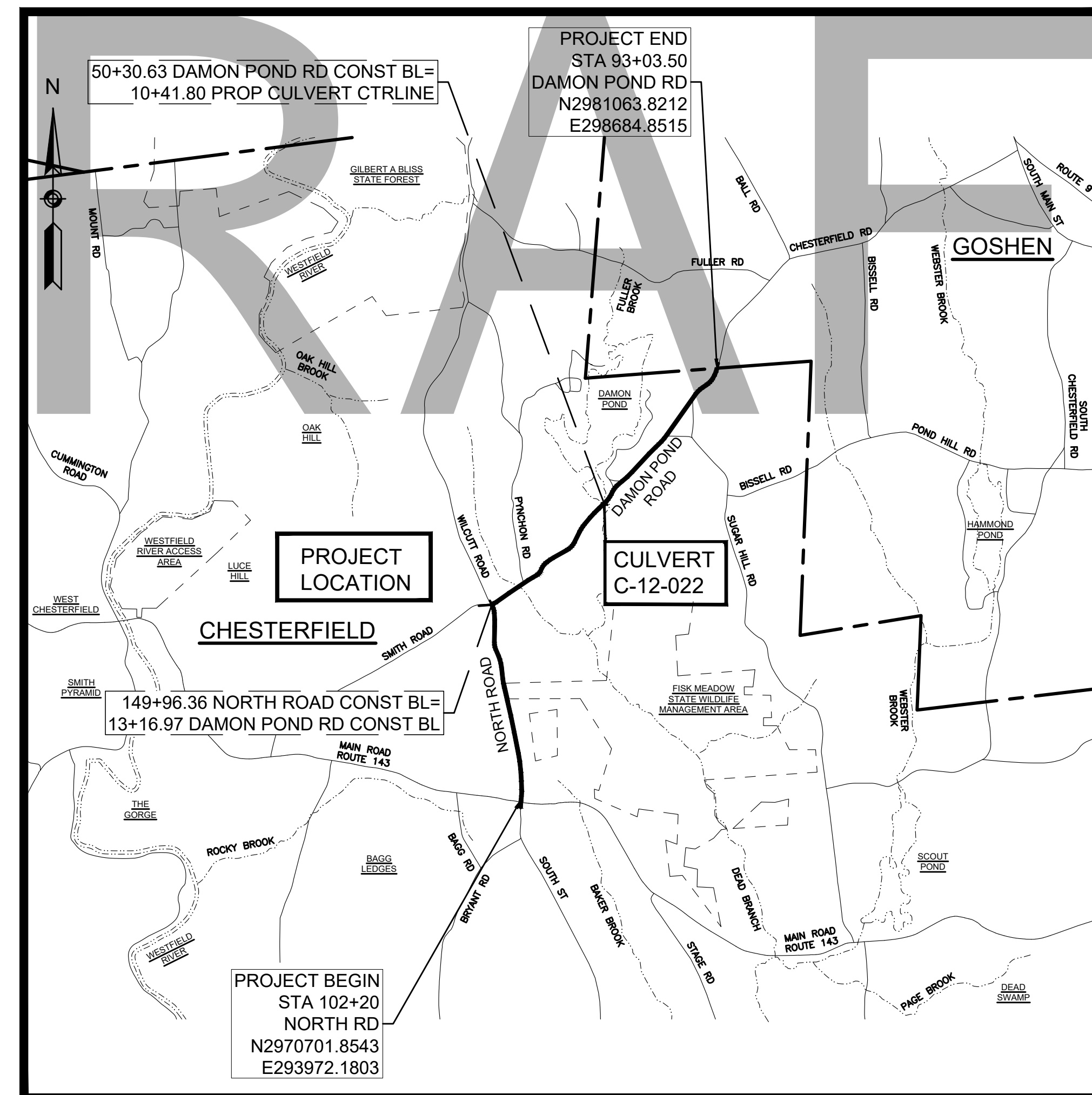
FEDERAL AID PROJECT NO.

100% SUBMITTAL

THESE PLANS ARE SUPPLEMENTED BY THE OCTOBER 2017 CONSTRUCTION STANDARD DETAILS, THE 2015 OVERHEAD SIGNAL STRUCTURE AND FOUNDATION STANDARD DRAWINGS, MASSDOT TRAFFIC MANAGEMENT PLANS AND DETAIL DRAWINGS, THE 1990 STANDARD DRAWINGS FOR SIGNS AND SUPPORTS, THE 1968 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING, AND THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK.

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DRAFT



LENGTH OF PROJECT = 12,465.09 FEET = 2.361 MILES

DESIGN DESIGNATION (NORTH ROAD)

DESIGN SPEED	40 MPH
ADT (2016)	616
ADT (2040)	695
K	16%
D	60%
T (PEAK HOUR)	6.0%
T (AVERAGE DAY)	4.0%
DHV	105
DDHV	63
FUNCTIONAL CLASSIFICATION	RURAL MAJOR COLLECTOR

DESIGN DESIGNATION (DAMON POND ROAD)

DESIGN SPEED	35 MPH
ADT (2018)	726
ADT (2040)	810
K	10%
D	65%
T (PEAK HOUR)	9%
T (AVERAGE DAY)	13%
DHV	80
DDHV	52
FUNCTIONAL CLASSIFICATION	RURAL MAJOR COLLECTOR

DATE	DESCRIPTION	REV #

massDOT
Massachusetts Department of Transportation
Highway Division

APPROVED

CHIEF ENGINEER

DATE

GENERAL SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
JB	JB	JERSEY BARRIER
CB	CB	CATCH BASIN
CB	CB	CATCH BASIN CURB INLET
FP	FP	FLAG POLE
GP	GP	GAS PUMP
MB	MB	MAIL BOX
□	□	POST SQUARE
○	○	POST CIRCULAR
⊕	⊕	WELL
⊖	⊖	ELECTRIC HANDHOLE
○	○	FENCE GATE POST
○	○	GAS GATE
⊕	⊕	BORING HOLE
⊖	⊖	MONITORING WELL
⊗	⊗	TEST PIT
⊙	⊙	HYDRANT
⊛	⊛	LIGHT POLE
□	□	COUNTY BOUND
⊙	⊙	GPS POINT
⊙	⊙	CABLE MANHOLE
⊙	⊙	DRAINAGE MANHOLE
⊙	⊙	ELECTRIC MANHOLE
⊙	⊙	GAS MANHOLE
⊙	⊙	MISC MANHOLE
⊙	⊙	SEWER MANHOLE
⊙	⊙	TELEPHONE MANHOLE
⊙	⊙	WATER MANHOLE
■	■	MASSACHUSETTS HIGHWAY BOUND
□	□	MONUMENT
■	■	STONE BOUND
■	■	TOWN OR CITY BOUND
△	△	TRAVERSE OR TRIANGULATION STATION
○	○	TROLLEY POLE OR GUY POLE
○	○	TRANSMISSION POLE
⊕	⊕	UTILITY POLE W/ FIREBOX
⊖	⊖	UTILITY POLE WITH DOUBLE LIGHT
⊙	⊙	UTILITY POLE W / 1 LIGHT
○	○	UTILITY POLE
○	○	BUSH
○	○	TREE
○	○	STUMP
○	○	SWAMP / MARSH
○	○	WATER GATE
○	○	PARKING METER
○	○	BORDERING VEGETATED WETLANDS FLAG
○	○	INTERMITTENT STREAM BANK FLAG
---	---	OVERHEAD CABLE/WIRE
---	---	CURBING
---	---	CONTOURS (ON-THE-GROUND SURVEY DATA)
---	---	CONTOURS (PHOTOGRAMMETRIC DATA)
---	---	UNDERGROUND DRAIN PIPE (DOUBLE LINE 24 INCH AND OVER)
---	---	UNDERGROUND ELECTRIC DUCT (DOUBLE LINE 24 INCH AND OVER)
---	---	UNDERGROUND GAS MAIN (DOUBLE LINE 24 INCH AND OVER)
---	---	UNDERGROUND SEWER MAIN (DOUBLE LINE 24 INCH AND OVER)
---	---	UNDERGROUND TELEPHONE DUCT (DOUBLE LINE 24 INCH AND OVER)
---	---	UNDERGROUND WATER MAIN (DOUBLE LINE 24 INCH AND OVER)
---	---	BALANCED STONE WALL
---	---	GUARD RAIL - STEEL POSTS
---	---	GUARD RAIL - WOOD POSTS
---	---	GUARD RAIL - DOUBLE FACE - STEEL POSTS
---	---	GUARD RAIL - DOUBLE FACE - WOOD POSTS
---	---	CHAIN LINK OR METAL FENCE
---	---	WOOD FENCE
---	---	SEDIMENT CONTROL BARRIER
---	---	TREE LINE
---	---	SAWCUT LINE
---	---	TOP OR BOTTOM OF SLOPE
---	---	LIMIT OF EDGE OF PAVEMENT OR COLD PLANE AND OVERLAY
---	---	BANK OF RIVER OR STREAM
---	---	BORDER OF WETLAND
---	---	100 FT WETLAND BUFFER
---	---	200 FT RIVERFRONT BUFFER
---	---	STATE HIGHWAY LAYOUT
---	---	TOWN OR CITY LAYOUT
---	---	COUNTY LAYOUT
---	---	RAILROAD SIDELINE
---	---	TOWN OR CITY BOUNDARY LINE
---	---	PROPERTY LINE OR APPROXIMATE PROPERTY LINE
---	---	EASEMENT

TRAFFIC SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
1	1	CONTROLLER PHASE ACTUATED
1	1	TRAFFIC SIGNAL HEAD (SIZE AS NOTED)
1	1	WIRE LOOP DETECTOR (6' x 6' TYP UNLESS OTHERWISE SPECIFIED)
1	1	VIDEO DETECTION CAMERA
1	1	MICROWAVE DETECTOR
1	1	PEDESTRIAN PUSH BUTTON, SIGN (DIRECTIONAL ARROW AS SHOWN) AND SADDLE
1	1	EMERGENCY PREEMPTION CONFIRMATION STROBE LIGHT
1	1	VEHICULAR SIGNAL HEAD
1	1	VEHICULAR SIGNAL HEAD, OPTICALLY PROGRAMMED
1	1	FLASHING BEACON
1	1	PEDESTRIAN SIGNAL HEAD, (TYPE AS NOTED OR AS SPECIFIED)
1	1	RAILROAD SIGNAL
1	1	SIGNAL POST AND BASE (ALPHA-NUMERIC DESIGNATION NOTED)
1	1	MAST ARM, SHAFT AND BASE (ARM LENGTH AS NOTED)
1	1	HIGH MAST POLE OR TOWER
1	1	SIGN AND POST
1	1	SIGN AND POST (2 POSTS)
1	1	MAST ARM WITH LUMINAIRE
1	1	OPTICAL PRE-EMPTION DETECTOR
1	1	CONTROL CABINET, GROUND MOUNTED
1	1	CONTROL CABINET, POLE MOUNTED
1	1	FLASHING BEACON CONTROL AND METER PEDESTAL
1	1	LOAD CENTER ASSEMBLY
1	1	PULL BOX 12"x12" (OR AS NOTED)
1	1	ELECTRIC HANDHOLE 12"x24" (OR AS NOTED)
1	1	TRAFFIC SIGNAL CONDUIT

PAVEMENT MARKINGS SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
1	1	PAVEMENT ARROW - WHITE
1	1	LEGEND "ONLY" - WHITE
1	1	STOP LINE, 12" WIDE
1	1	CROSSWALK, 12" WIDE
1	1	SOLID WHITE LINE, 6" WIDE
1	1	SOLID YELLOW LINE, 6" WIDE
1	1	BROKEN WHITE LINE, 6" WIDE
1	1	BROKEN YELLOW LINE, 6" WIDE
1	1	DOTTED WHITE LINE, 6" WIDE - 3' LINE - 9' GAP
1	1	DOTTED YELLOW LINE, 6" WIDE - 3' LINE - 9' GAP
1	1	DOTTED WHITE LINE EXTENSION, 6" WIDE - 2' LINE - 6' GAP
1	1	DOTTED YELLOW LINE EXTENSION, 6" WIDE - 2' LINE - 6' GAP
1	1	DOUBLE WHITE LINE, 6" WIDE EACH LINE
1	1	DOUBLE YELLOW LINE, 6" WIDE EACH LINE

ABBREVIATIONS

GENERAL	DESCRIPTION
AADT	ANNUAL AVERAGE DAILY TRAFFIC
ABAN	ABANDON
ADJ	ADJUST
APPROX.	APPROXIMATE
A.C.	ASPHALT CONCRETE
ACCM PIPE	ASPHALT COATED CORRUGATED METAL PIPE
BIT.	BITUMINOUS
BC	BOTTOM OF CURB
BD.	BOUND
BL	BASELINE
BLDG	BUILDING
BM	BENCHMARK
BO	BY OTHERS
BOS	BOTTOM OF SLOPE
BR.	BRIDGE
BVW	BORDERING VEGETATED WETLANDS
CB	CATCH BASIN
CBCI	CATCH BASIN WITH CURB INLET
CC	CEMENT CONCRETE
CCM	CEMENT CONCRETE MASONRY
CEM	CEMENT
CI	CURB INLET
CIP	CAST IRON PIPE
CIT	CHANGE IN TYPE
CLF	CHAIN LINK FENCE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CSP	CORRUGATED STEEL PIPE
CO.	COUNTY
CONC	CONCRETE
CONT	CONTINUOUS
CONST	CONSTRUCTION
CR GR	CROWN GRADE
DHV	DESIGN HOURLY VOLUME
DI	DUCTILE IRON
DIA	DIAMETER
DW	STEADY DON'T WALK - PORTLAND ORANGE
DWY	DRIVEWAY
ELEV (or EL.)	ELEVATION
EMB	EMBANKMENT
EOP	EDGE OF PAVEMENT
EXIST (or EX)	EXISTING
EXC	EXCAVATION
F&C	FRAME AND COVER
F&G	FRAME AND GRATE
FDN.	FOUNDATION
FLDSTN	FIELDSTONE
GAR	GARAGE
GD	GROUND
GG	GAS GATE
GI	GUTTER INLET
GIP	GALVANIZED IRON PIPE
GRAN	GRANITE
GRAV	GRAVEL
GRD	GUARD
HDW	HEADWALL
HMA	HOT MIX ASPHALT
HOR	HORIZONTAL
HYD	HYDRANT
INV	INVERT
JCT	JUNCTION
L	LENGTH OF CURVE
LB	LEACH BASIN
LP	LIGHT POLE
LT	LEFT
MAX	MAXIMUM
MB	MAILBOX
MH	MANHOLE
MHB	MASSACHUSETTS HIGHWAY BOUND
MIN	MINIMUM
NIC	NOT IN CONTRACT
NO.	NUMBER
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PCR	PEDESTRIAN CURB RAMP
P.G.L.	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
POC	POINT ON CURVE
POT	POINT ON TANGENT
PRC	POINT OF REVERSE CURVATURE
PROJ	PROJECT
PROP	PROPOSED
PSB	PLANTABLE SOIL BORROW
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

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MA	-	02	282

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LEGEND & ABBREVIATIONS

ABBREVIATIONS (cont.)

GENERAL	DESCRIPTION
PVT	POINT OF VERTICAL TANGENCY
PVMT	PAVEMENT
PWW	PAVED WATER WAY
R	RADIUS OF CURVATURE
R&D	REMOVE AND DISPOSE
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
RDWY	ROADWAY
REM	REMOVE
RET	RETAIN
RET WALL	RETAINING WALL
ROW	RIGHT OF WAY
RR	RAILROAD
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
RT	RIGHT
SB	STONE BOUND
SHLD	SHOULDER
SMH	SEWER MANHOLE
ST	STREET
STA	STATION
SSD	STOPPING SIGHT DISTANCE
SHLO	STATE HIGHWAY LAYOUT LINE
SPWAY	SPILLWAY
SW	SIDEWALK
T	TANGENT DISTANCE OF CURVE/TRUCK %
TAN	TANGENT
TEMP	TEMPORARY
TC	TOP OF CURB
TOS	TOP OF SLOPE
TYP	TYPICAL
UP	UTILITY POLE
VAR	VARIES
VERT	VERTICAL
VC	VERTICAL CURVE
WG	WATER GATE
WIP	WROUGHT IRON PIPE
WM	WATER METER/WATER MAIN
X-SECT	CROSS SECTION

TRAFFIC SIGNAL ABBREVIATIONS

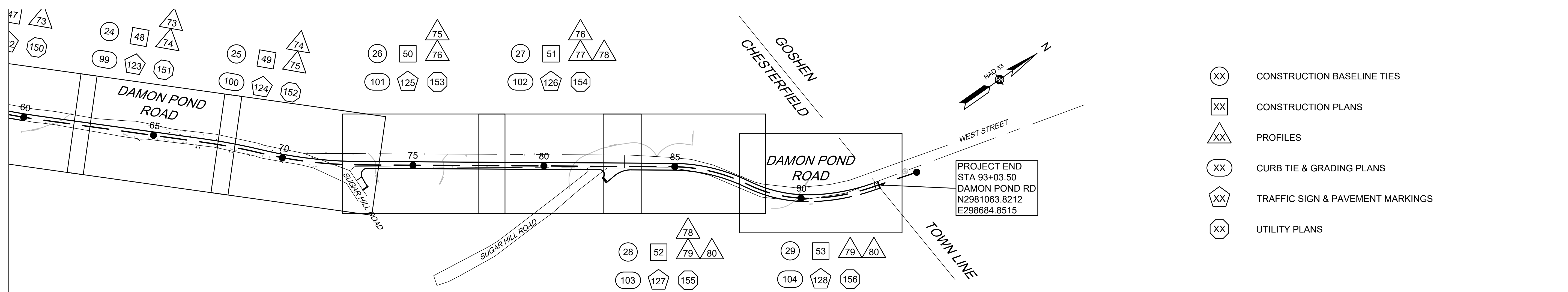
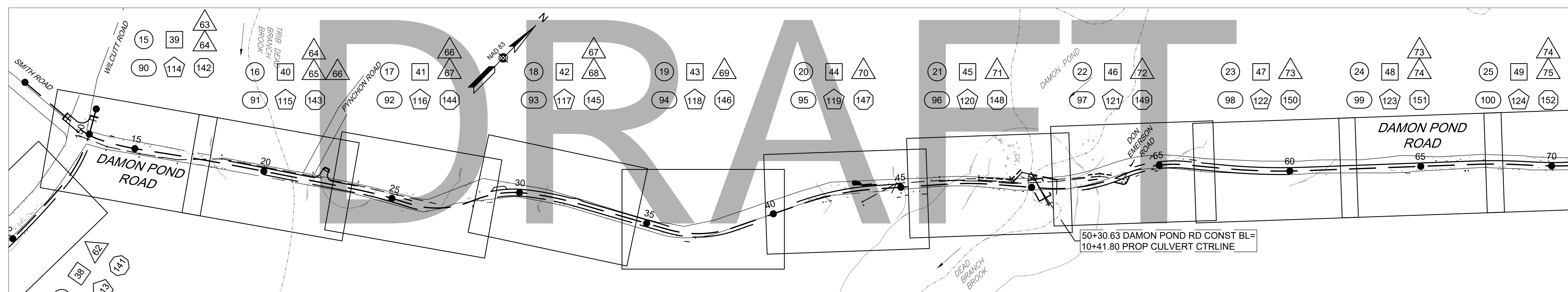
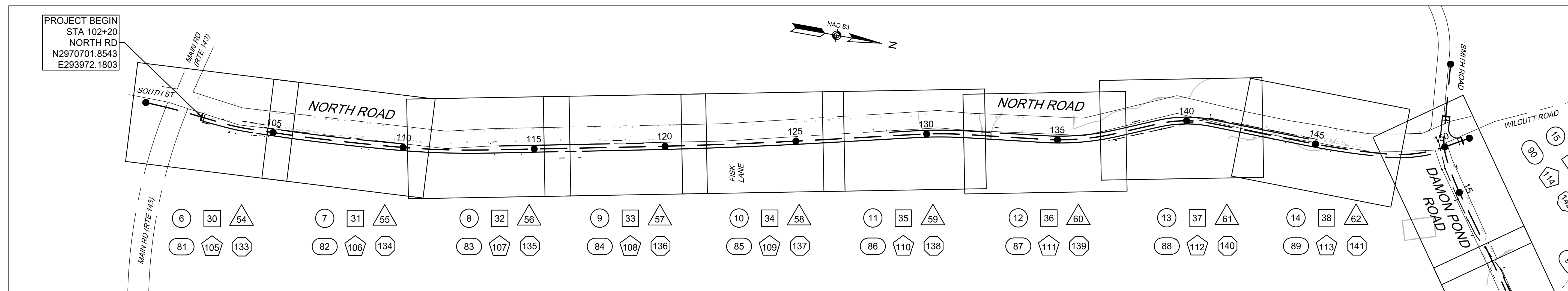
CAB	CABINET
CCVE	CLOSED CIRCUIT VIDEO EQUIPMENT
DW	STEADY UPRAISED HAND
FDW	FLASHING UPRAISED HAND
FB	FLASHING BEACON
FR	FLASHING CIRCULAR RED
FRL	FLASHING RED LEFT ARROW
FRR	FLASHING RED RIGHT ARROW
FY	FLASHING CIRCULAR YELLOW
FYL	FLASHING YELLOW LEFT ARROW
FYR	FLASHING YELLOW RIGHT ARROW
G	STEADY CIRCULAR GREEN
GL	STEADY GREEN LEFT ARROW
GR	STEADY GREEN RIGHT ARROW
GSL	STEADY GREEN SLASH LEFT ARROW
GSR	STEADY GREEN SLASH RIGHT ARROW
GV	STEADY GREEN VERTICAL ARROW
OL	OVERLAP
PED	PEDESTRIAN
PTZ	PAN, TILT, ZOOM
R	STEADY CIRCULAR RED
RL	STEADY RED LEFT ARROW
RR	STEADY RED RIGHT ARROW
RRFB	RAPID RECTANGULAR FLASHING BEACON
TR SIG	TRAFFIC SIGNAL
TSC	TRAFFIC SIGNAL CONDUIT
W	STEADY WALKING PERSON
Y	STEADY CIRCULAR YELLOW
YL	STEADY YELLOW LEFT ARROW

DRAFT

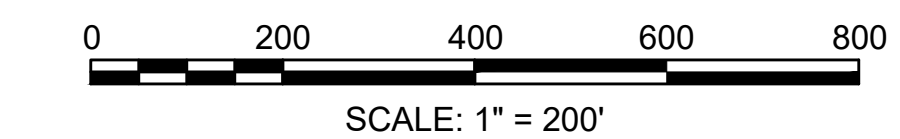
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	03	300
PROJECT FILE NO. 608886			

KEY PLAN & BORING LOCATIONS



- (XX) CONSTRUCTION BASELINE TIES
- (XX) CONSTRUCTION PLANS
- (XX) PROFILES
- (XX) CURB TIE & GRADING PLANS
- (XX) TRAFFIC SIGN & PAVEMENT MARKINGS
- (XX) UTILITY PLANS



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MA	-	04	282
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TYPICAL SECTIONS

PAVEMENT NOTES

PROPOSED FULL DEPTH RECLAMATION PAVEMENT FOR SUB-BASE

SURFACE COURSE:
2" SUPERPAVE SURFACE COURSE - 12.5 - POLYMER (SSC - 12.5 - P) OVER ASPHALT EMULSION FOR TACK COAT OVER

INTERMEDIATE COURSE:
2 1/2" SUPERPAVE INTERMEDIATE COURSE - 19.0 (SIC - 19.0) OVER

SUBBASE:
4" RECLAIMED PAVEMENT BORROW FOR SUB-BASE (STABILIZED WITH LIQUID ASPHALT) OVER
8" RECLAIMED PAVEMENT BORROW FOR SUB-BASE

SUBGRADE:
SPECIAL BORROW AS REQUIRED BASED ON EXISTING SUBGRADE MATERIALS.

* DEPTH OF RECLAMATION IS TO BE 12". THE RECLAIMED MATERIAL SHALL BE PREPARED, SPREAD, GRADED, AND COMPACTED AS NOTED ABOVE TO THE LIMITS OF THE PROPOSED ROADWAY. AFTER RECLAIMED MATERIAL HAS BEEN EXHAUSTED, SUPPLEMENT THE SUBBASE MATERIALS WITH DENSE GRADED CRUSHED STONE.

TEMPORARY ASPHALT PATCHING

SURFACE COURSE:
2" SUPERPAVE SURFACE COURSE - 12.5 POLYMER (SSC - 12.5 - P) OVER

INTERMEDIATE COURSE:
2 1/2" SUPERPAVE INTERMEDIATE COURSE - 19.0 (SIC - 19.0) OVER

SUBBASE:
12" EXCAVATED MATERIAL SUPPLEMENTED WITH GRAVEL BORROW, TYPE b (COMPACTED)

AFTER EXCAVATED MATERIAL HAS BEEN EXHAUSTED, SUPPLEMENT THE SUBBASE MATERIALS WITH DENSE GRADED CRUSHED STONE.

HOT MIX ASPHALT DRIVEWAY AND HMA WATERWAY

SURFACE COURSE:
1 1/2" SURFACE COURSE OVER

INTERMEDIATE COURSE:
2 1/2" INTERMEDIATE COURSE OVER

SUBBASE COURSE:
8" RECLAIMED PAVEMENT, SUPPLEMENTED WITH GRAVEL BORROW, TYPE b (COMPACTED)

HOT MIX ASPHALT WALKS

SURFACE COURSE:
1 1/4" SURFACE COURSE OVER

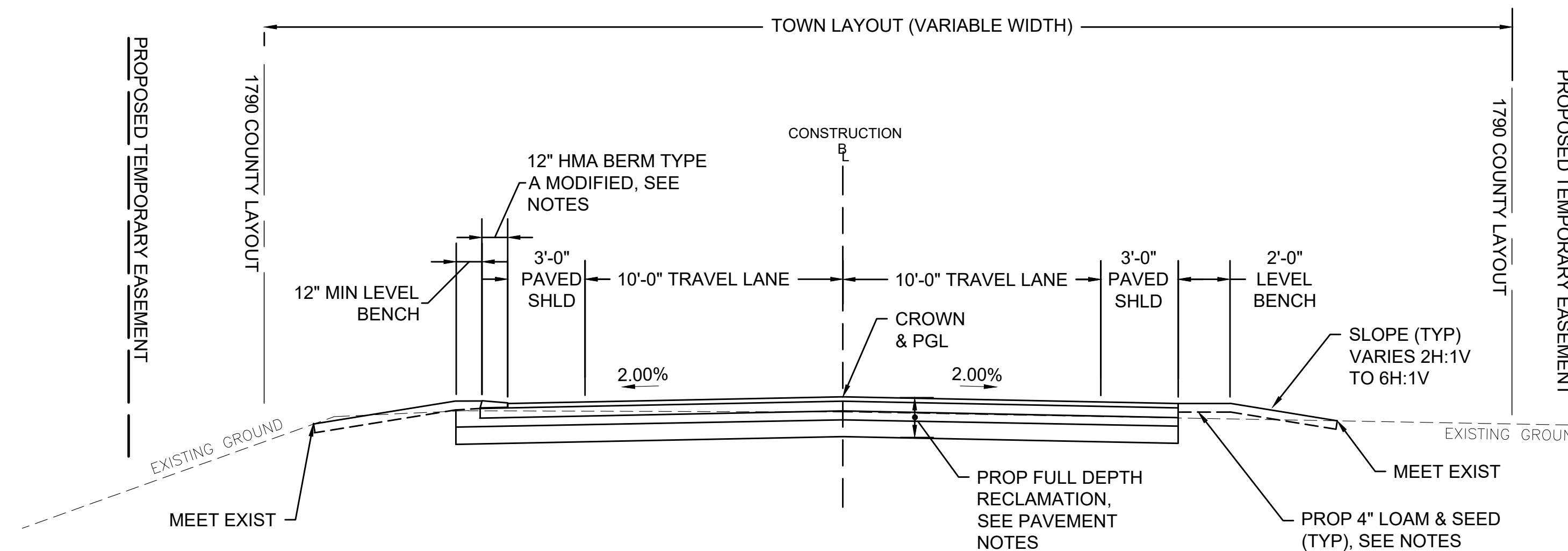
INTERMEDIATE COURSE:
1 3/4" INTERMEDIATE COURSE OVER

SUBBASE COURSE:
8" RECLAIMED PAVEMENT, SUPPLEMENTED WITH GRAVEL BORROW, TYPE b (COMPACTED)

PAVEMENT MILLING AND OVERLAY

SURFACE COURSE:
2" SUPERPAVE SURFACE COURSE - 12.5 - POLYMER (SSC - 12.5 - P) OVER ASPHALT EMULSION FOR TACK COAT OVER

MILLING: 2" FINE MILLING

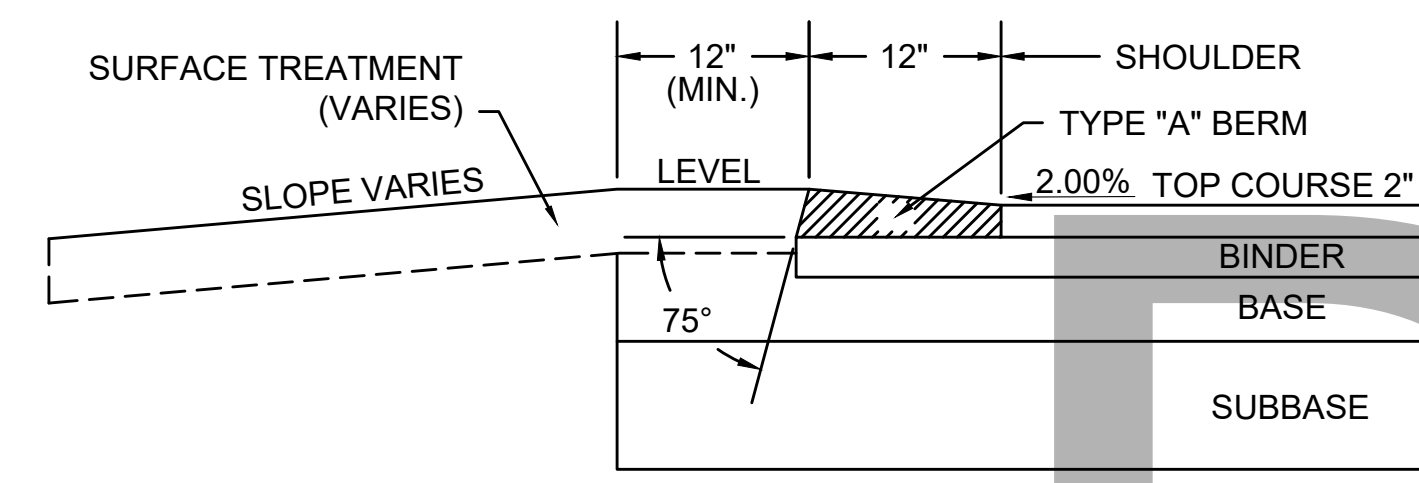


HMA BERM STATIONS

NORTH ROAD
STA 119+15.24 LT TO STA 128+50.11 LT
STA 145+03.39 LT TO STA 149+38.63 LT

DAMON POND ROAD
STA 13+82.40 LT TO STA 18+55.10 LT
STA 23+87.60 LT TO STA 25+42.94 LT
STA 26+33.17 LT TO STA 28+63.31 LT
STA 37+54.12 LT TO STA 41+50.00 LT
STA 44+95.09 LT TO STA 46+57.05 LT
STA 49+74.76 LT TO STA 53+88.05 LT

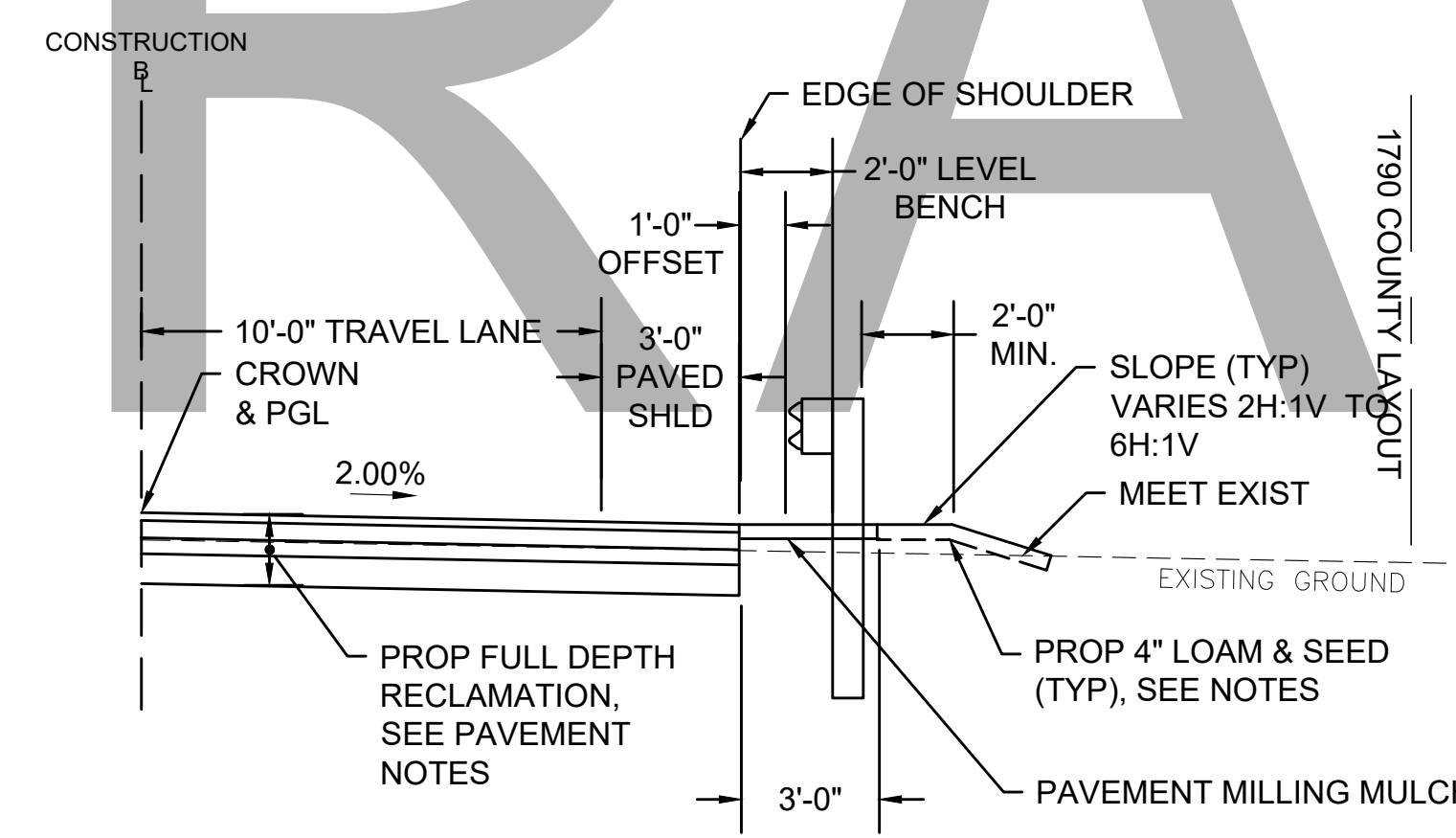
STA 13+82.40 RT TO STA 19+52.86 RT
STA 26+33.17 RT TO STA 28+35.55 RT
STA 46+79.54 RT TO STA 49+46.89 RT
STA 49+74.76 RT TO STA 51+73.48 RT
STA 59+93.66 RT TO STA 71+92.83 RT



NOTE:
1. THICKNESS OF BERM VARIES WITH THE THICKNESS OF THE TOP COURSE AND SLOPE OF BINDER

HOT MIX ASPHALT BERM - TYPE A MODIFIED

SCALE: 1" = 1'-0"

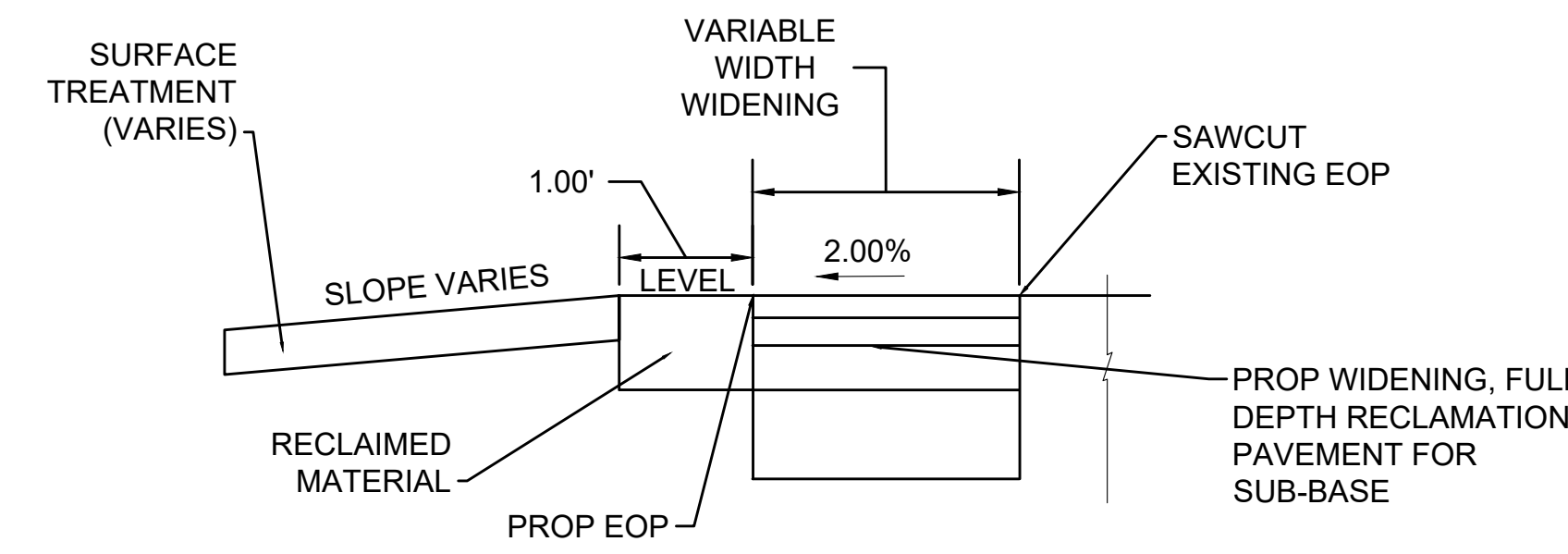


TYPICAL HALF SECTION WITH GUARDRAIL

NORTH ROAD
STA 140+94.88 LT TO STA 142+19.28 LT
STA 131+90.00 RT TO STA 142+73.00 RT

DAMON POND ROAD
STA 19+90.00 LT TO STA 21+54.73 LT
STA 49+74.76 LT TO STA 51+19.95 LT

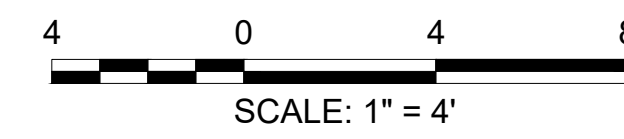
STA 27+50.23 RT TO STA 30+00.00 RT
STA 41+50.00 RT TO STA 42+79.67 RT
STA 48+00.00 RT TO STA 49+66.96 RT
STA 49+69.96 RT TO STA 51+00.00 RT



TYPICAL HALF SECTION WITH SWALE

NORTH ROAD
STA 128+50.11 LT TO STA 132+40.22 LT

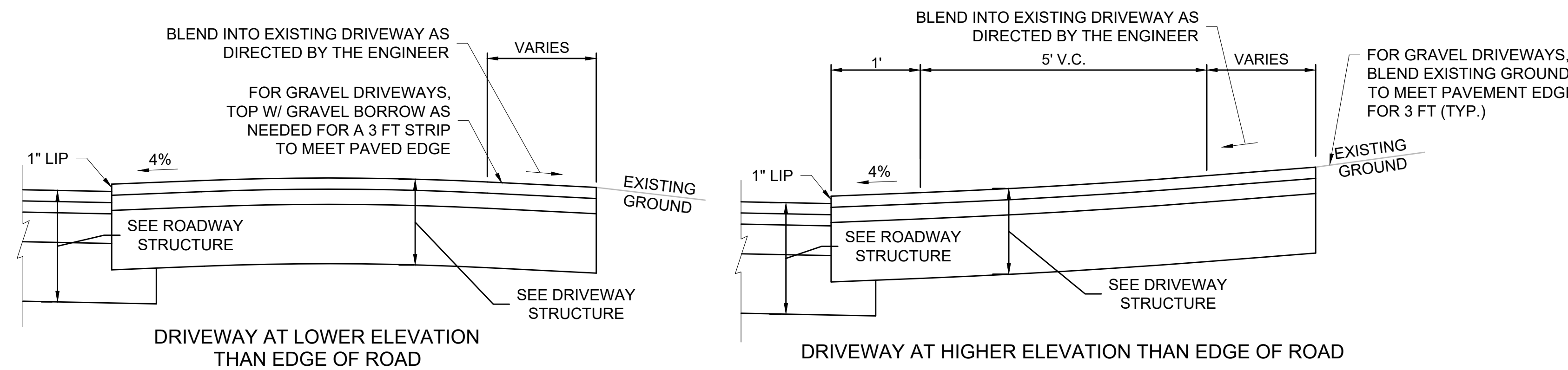
NOTES:
1. THE TYPICAL SECTION FOR A SWALE ON THE LEFT SIDE OF THE ROAD IS SHOWN
2. CONSTRUCT SWALE WHERE SHOWN ON THE CONSTRUCTION PLANS. THE SIDE SLOPES FOR THE PROPOSED SWALE IS NOT TO EXCEED 2H:1V.



**CHESTERFIELD
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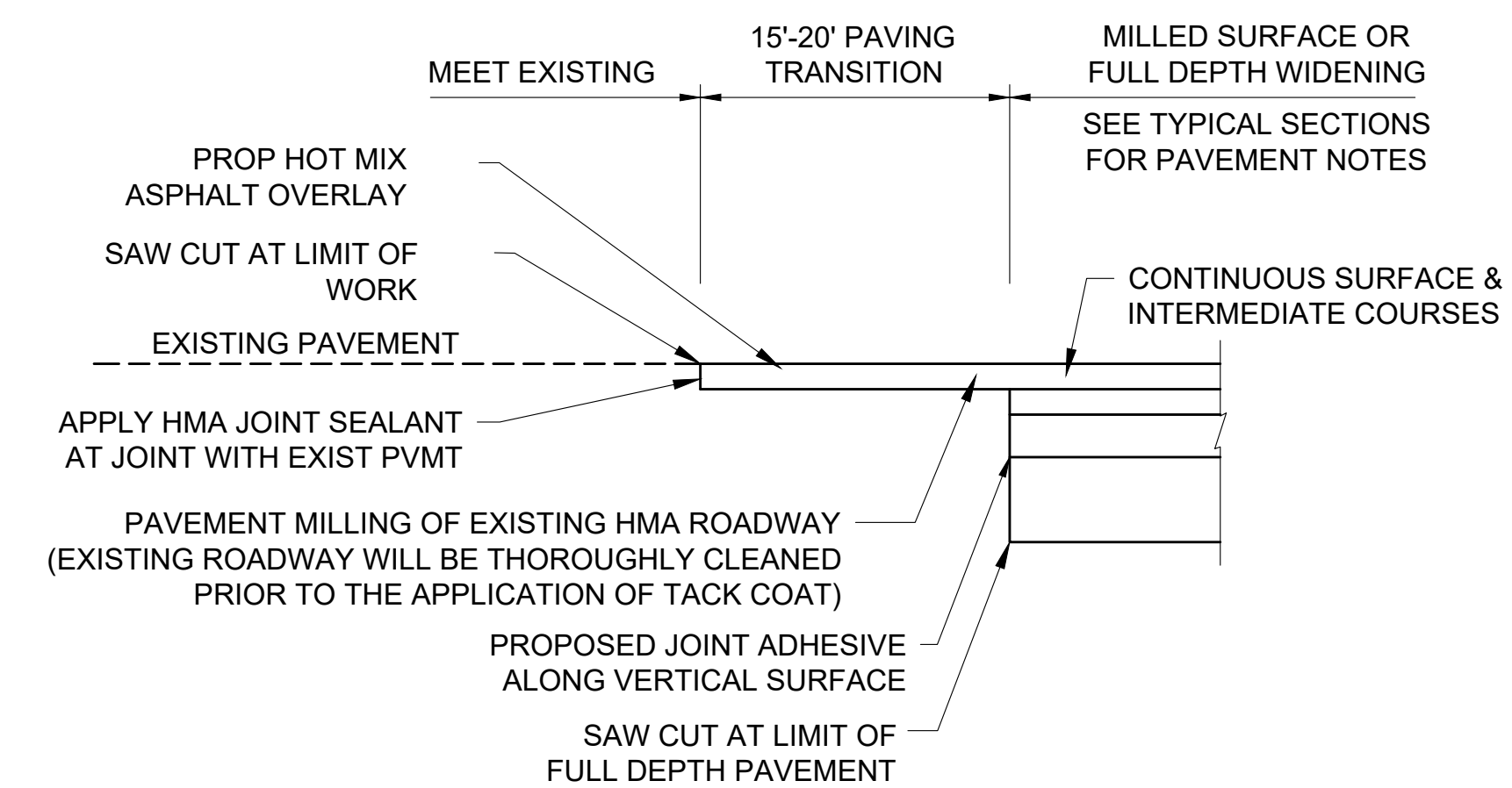
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TYPICAL SECTIONS



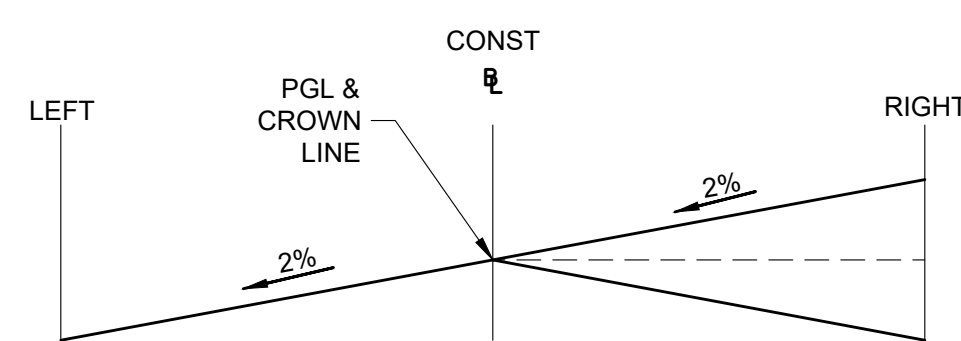
- NOTES:**
- FOR GRADE BREAKS GREATER THAN 5% USE VERTICAL CURVE.
 - TO MEET EXISTING GRAVEL DRIVEWAY, TOP WITH GRAVEL BORROW TYPE b AND COMPACT TO MEET PAVED EDGE.

LONGITUDINAL SECTION THRU DRIVEWAY
SCALE: NONE

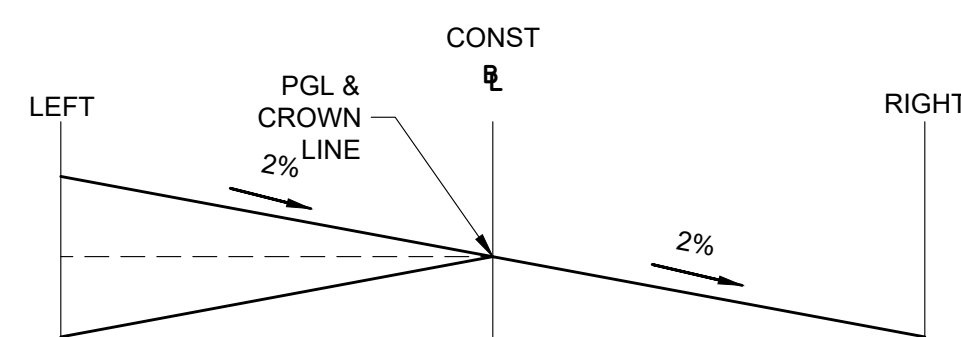


**PAVEMENT MILLING & OVERLAY
TRANSITION DETAIL**

SCALE: NONE



**METHOD OF BANKING
(BANK TO THE LEFT)**
SCALE: NONE



**METHOD OF BANKING
(BANK TO THE RIGHT)**
SCALE: NONE



STATION	SUPERELEVATION - NORTH ROAD
101+95	END NORMAL CROWN, BEGIN TRANSITION FOR SUPERELEVATION
103+20	BEGIN FULL SUPERELEVATION
103+85	END FULL SUPERELEVATION, BEGIN TRANSITION TO NORMAL CROWN
105+10	BEGIN NORMAL CROWN
STATION	SUPERELEVATION - NORTH ROAD
108+80	END NORMAL CROWN, BEGIN TRANSITION FOR SUPERELEVATION
109+55	BEGIN FULL SUPERELEVATION
113+05	END FULL SUPERELEVATION, BEGIN TRANSITION TO NORMAL CROWN
113+80	BEGIN NORMAL CROWN
STATION	SUPERELEVATION - NORTH ROAD
128+75	END NORMAL CROWN, BEGIN TRANSITION FOR SUPERELEVATION
129+75	BEGIN FULL SUPERELEVATION
131+35	END FULL SUPERELEVATION, BEGIN TRANSITION TO NORMAL CROWN
132+35	BEGIN NORMAL CROWN

STATION	SUPERELEVATION - NORTH ROAD
133+55	END NORMAL CROWN, BEGIN TRANSITION FOR SUPERELEVATION
134+75	BEGIN FULL SUPERELEVATION
136+65	END FULL SUPERELEVATION, BEGIN TRANSITION FOR REVERSE CURVATURE SUPERELEVATION
137+85	POINT OF REVERSE SUPERELEVATION
139+25	BEGIN FULL REVERSE SUPERELEVATION
140+60	END FULL SUPERELEVATION, BEGIN TRANSITION TO NORMAL CROWN
142+00	BEGIN NORMAL CROWN
STATION	SUPERELEVATION - NORTH ROAD
143+95	END NORMAL CROWN, BEGIN TRANSITION FOR SUPERELEVATION
144+75	BEGIN FULL SUPERELEVATION
147+15	BEGIN TRANSITION FOR COMPOUND CURVATURE SUPERELEVATION
147+75	BEGIN FULL COMPOUND CURVATURE SUPERELEVATION

STATION	SUPERELEVATION - DAMON POND ROAD
10+00	END NORMAL CROWN, BEGIN TRANSITION FOR SUPERELEVATION
11+78.40	BEGIN FULL SUPERELEVATION
14+95	END FULL SUPERELEVATION, BEGIN TRANSITION TO NORMAL CROWN
16+00	BEGIN NORMAL CROWN

STATION	SUPERELEVATION - DAMON POND ROAD
22+85	END NORMAL CROWN, BEGIN TRANSITION FOR SUPERELEVATION
23+70	BEGIN FULL SUPERELEVATION
23+90	END FULL SUPERELEVATION, BEGIN TRANSITION FOR REVERSE CURVATURE SUPERELEVATION
24+75	POINT OF REVERSE SUPERELEVATION
26+05	BEGIN FULL REVERSE CURVATURE SUPERELEVATION
26+90	END FULL SUPERELEVATION, BEGIN TRANSITION FOR REVERSE CURVATURE SUPERELEVATION
28+20	POINT OF REVERSE SUPERELEVATION
29+50	BEGIN FULL REVERSE SUPERELEVATION
32+10	END FULL SUPERELEVATION, BEGIN TRANSITION TO NORMAL CROWN
33+05	BEGIN NORMAL CROWN

STATION	SUPERELEVATION - DAMON POND ROAD
34+85	END NORMAL CROWN, BEGIN TRANSITION FOR SUPERELEVATION
36+15	BEGIN FULL SUPERELEVATION
38+05	END FULL SUPERELEVATION, BEGIN TRANSITION TO NORMAL CROWN
39+35	BEGIN NORMAL CROWN

STATION	SUPERELEVATION - DAMON POND ROAD
40+35	END NORMAL CROWN, BEGIN TRANSITION FOR SUPERELEVATION
41+35	BEGIN FULL SUPERELEVATION
43+85	END FULL SUPERELEVATION, BEGIN TRANSITION TO NORMAL CROWN
44+85	BEGIN NORMAL CROWN

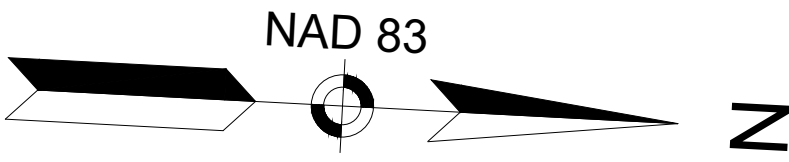
STATION	SUPERELEVATION - DAMON POND ROAD
46+00	END NORMAL CROWN, BEGIN TRANSITION FOR SUPERELEVATION
46+95	BEGIN FULL SUPERELEVATION
48+40	END FULL SUPERELEVATION, BEGIN TRANSITION FOR REVERSE CURVATURE SUPERELEVATION
49+35	BEGIN NORMAL CROWN
49+55	END NORMAL CROWN, BEGIN TRANSITION FOR SUPERELEVATION
50+70	BEGIN FULL SUPERELEVATION

STATION	SUPERELEVATION - DAMON POND ROAD
52+73.75	END FULL SUPERELEVATION, BEGIN TRANSITION FOR REVERSE CURVATURE SUPERELEVATION
53+55	POINT OF REVERSE SUPERELEVATION
54+46	BEGIN FULL REVERSE SUPERELEVATION
55+70	END FULL SUPERELEVATION, BEGIN TRANSITION FOR REVERSE CURVATURE SUPERELEVATION
56+95	POINT OF REVERSE SUPERELEVATION
57+70	BEGIN FULL REVERSE SUPERELEVATION

STATION	SUPERELEVATION - DAMON POND ROAD
60+45	END FULL SUPERELEVATION, BEGIN TRANSITION TO NORMAL CROWN
61+00	BEGIN NORMAL CROWN

STATION	SUPERELEVATION - DAMON POND ROAD
66+35	END NORMAL CROWN, BEGIN TRANSITION FOR SUPERELEVATION
67+10	BEGIN FULL SUPERELEVATION
68+71.22	END FULL SUPERELEVATION, BEGIN TRANSITION FOR REVERSE CURVATURE SUPERELEVATION
69+11.85	POINT OF REVERSE SUPERELEVATION
69+62.23	BEGIN FULL REVERSE SUPERELEVATION
72+75	END FULL SUPERELEVATION, BEGIN TRANSITION TO NORMAL CROWN
73+60	BEGIN NORMAL CROWN

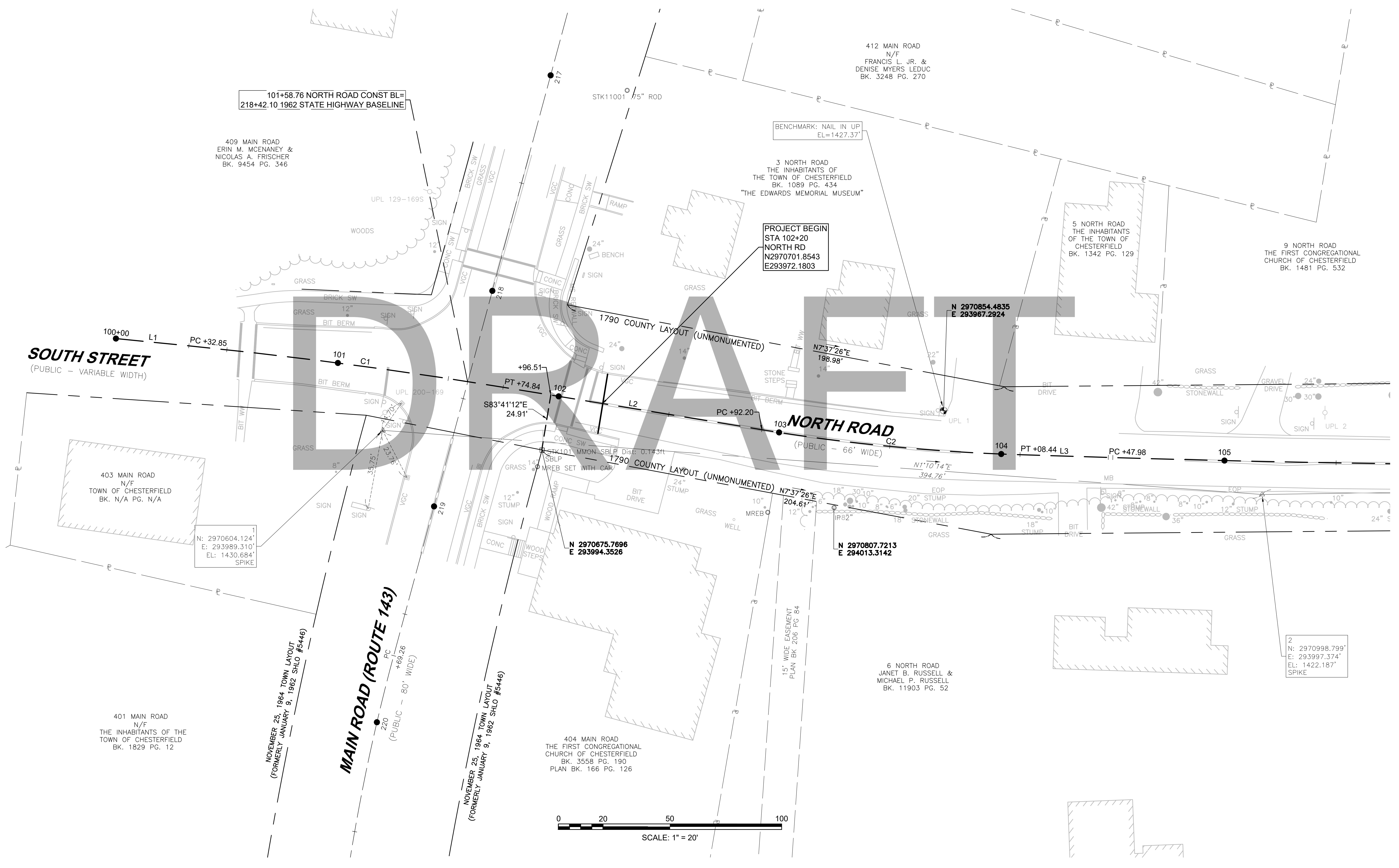
STATION	SUPERELEVATION - DAMON POND ROAD
84+05	END NORMAL CROWN, BEGIN TRANSITION FOR SUPERELEVATION
85+20	BEGIN FULL SUPERELEVATION
87+08.02	END FULL SUPERELEVATION, BEGIN TRANSITION FOR REVERSE CURVATURE SUPERELEVATION
87+89.27	POINT OF REVERSE SUPERELEVATION
88+78.65	BEGIN FULL REVERSE SUPERELEVATION
92+40	END FULL SUPERELEVATION, BEGIN TRANSITION TO NORMAL CROWN
93+65	BEGIN NORMAL CROWN



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	06	282

PROJECT FILE NO. 608886
CONSTRUCTION BASELINE TIES
SHEET 01 OF 24



101+58.76 NORTH ROAD CONST BL=
218+42.10 1962 STATE HIGHWAY BASELINE

409 MAIN ROAD
ERIN M. MCENANEY &
NICOLAS A. FRISCHER
BK. 9454 PG. 346

BENCHMARK: NAIL IN UP
EL=1427.37'

3 NORTH ROAD
THE INHABITANTS OF
THE TOWN OF CHESTERFIELD
BK. 1089 PG. 434
"THE EDWARDS MEMORIAL MUSEUM"

PROJECT BEGIN
STA 102+20
NORTH RD
N2970701.8543
E293972.1803

5 NORTH ROAD
THE INHABITANTS
OF THE TOWN OF
CHESTERFIELD
BK. 1342 PG. 129

9 NORTH ROAD
THE FIRST CONGREGATIONAL
CHURCH OF CHESTERFIELD
BK. 1481 PG. 532

N 2970854.4835
E 293967.2924

N: 2970604.124'
E: 293989.310'
EL: 1430.684'
SPIKE

N 2970675.7696
E 293994.3526

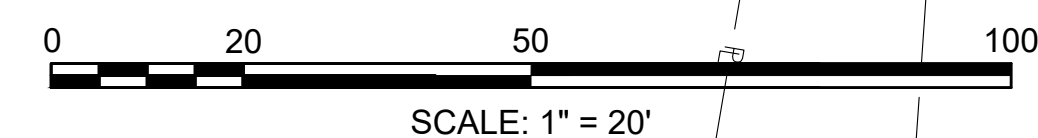
N 2970807.7213
E 294013.3142

2
N: 2970998.799'
E: 293997.374'
EL: 1422.187'
SPIKE

401 MAIN ROAD
N/F
THE INHABITANTS OF THE
TOWN OF CHESTERFIELD
BK. 1829 PG. 12

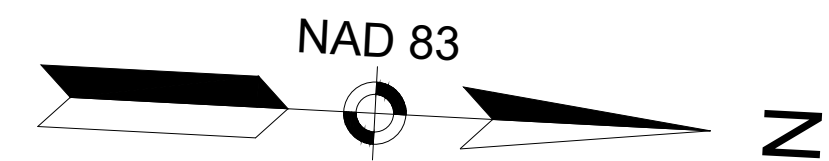
404 MAIN ROAD
THE FIRST CONGREGATIONAL
CHURCH OF CHESTERFIELD
BK. 3558 PG. 190
PLAN BK. 166 PG. 126

6 NORTH ROAD
JANET B. RUSSELL &
MICHAEL P. RUSSELL
BK. 11903 PG. 52



CONTINUED ON
SHEET NO. 07

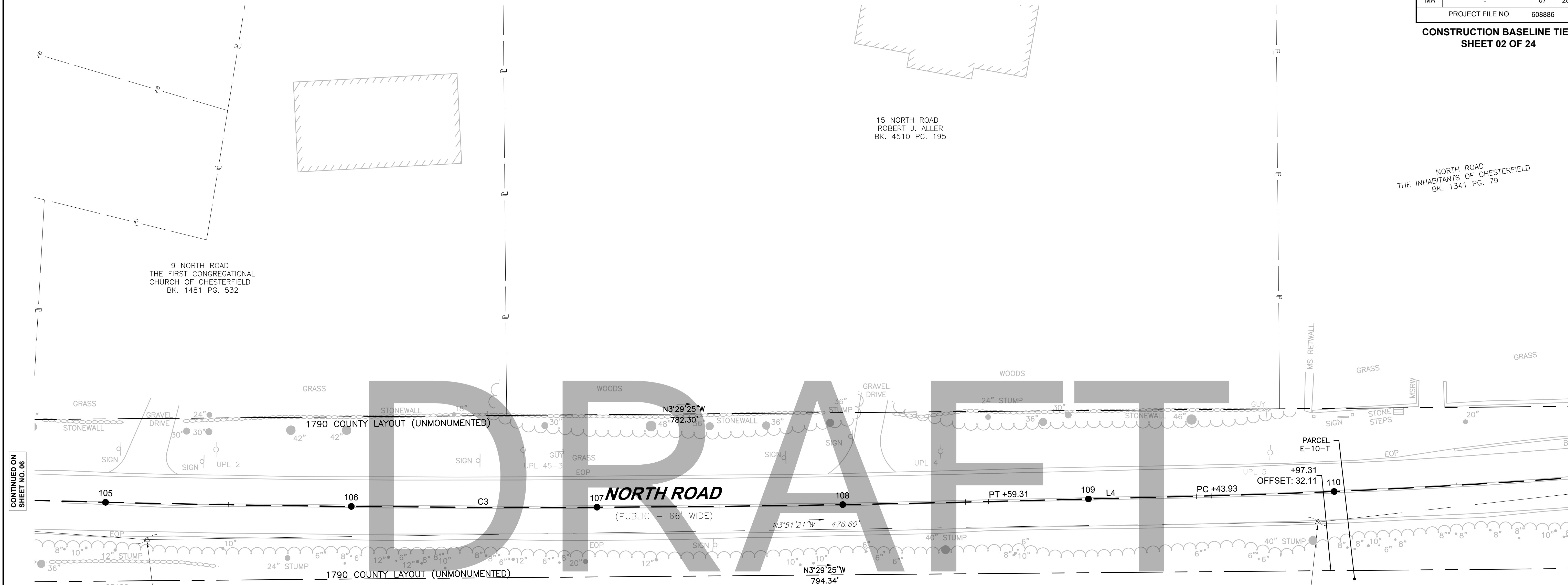
608886_HD\CONSTR\BASELINE TIES.DWG Plotted on 21-Feb-2024 6:00 PM



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	07	282

PROJECT FILE NO. 608886
CONSTRUCTION BASELINE TIES
SHEET 02 OF 24



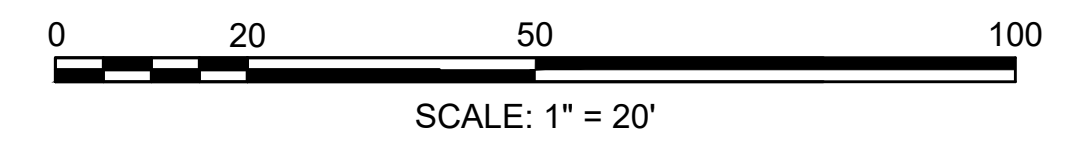
NORTH ROAD CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L1	100+00.00	2970482.628	293954.499		N2°42'25"E 32.85'	100+32.85	2970515.437	293956.051
C1	100+32.85	2970515.437	293956.051	R = 2255.81' Δ = 3°36'23" L = 141.99' T = 71.02'		101+74.84	2970656.965	293967.214
L2	101+74.84	2970656.965	293967.214		N6°18'48"E 117.37'	102+92.20	2970773.621	293980.120
C2	102+92.20	2970773.621	293980.120	R = 882.00' Δ = 7°33'02" L = 116.23' T = 58.20'		104+08.44	2970889.657	293985.264
L3	104+08.44	2970889.657	293985.264		N1°14'15"W 39.54'	104+47.98	2970929.191	293984.410
C3	104+47.98	2970929.191	293984.410	R = 7320.00' Δ = 3°13'11" L = 411.33' T = 205.72'		108+59.31	2971339.960	293963.980
L4	108+59.31	2971339.960	293963.980		N4°27'25"W 84.61'	109+43.93	2971424.317	293957.405
C4	109+43.93	2971424.317	293957.405	R = 3216.00' Δ = 6°41'49" L = 375.89' T = 188.16'		113+19.82	2971796.514	293906.384
L5	113+19.82	2971796.514	293906.384		N11°09'14"W 542.68'	118+62.50	2972328.944	293801.406
C5	118+62.50	2972328.944	293801.406	R = 20776.00' Δ = 2°06'47" L = 766.25' T = 383.17'		126+28.75	2973077.821	293639.351

2
N: 2970998.799'
E: 293997.374'
EL: 1422.187'
SPIKE

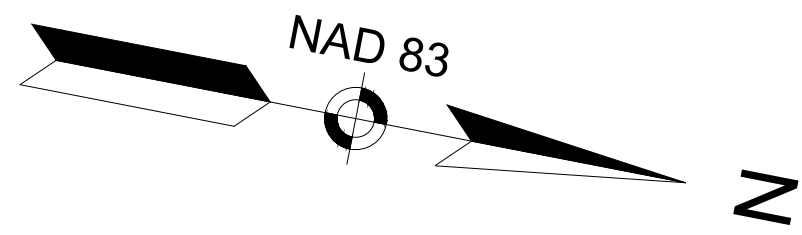
6 NORTH ROAD
JANET B. RUSSELL &
MICHAEL P. RUSSELL
BK. 11903 PG. 52

3
N: 2971474.320'
E: 293965.325'
EL: 1407.229'
MAGNAIL



CONTINUED ON
SHEET NO. 06

CONTINUED ON
SHEET NO. 08



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	08	282
PROJECT FILE NO. 608886			

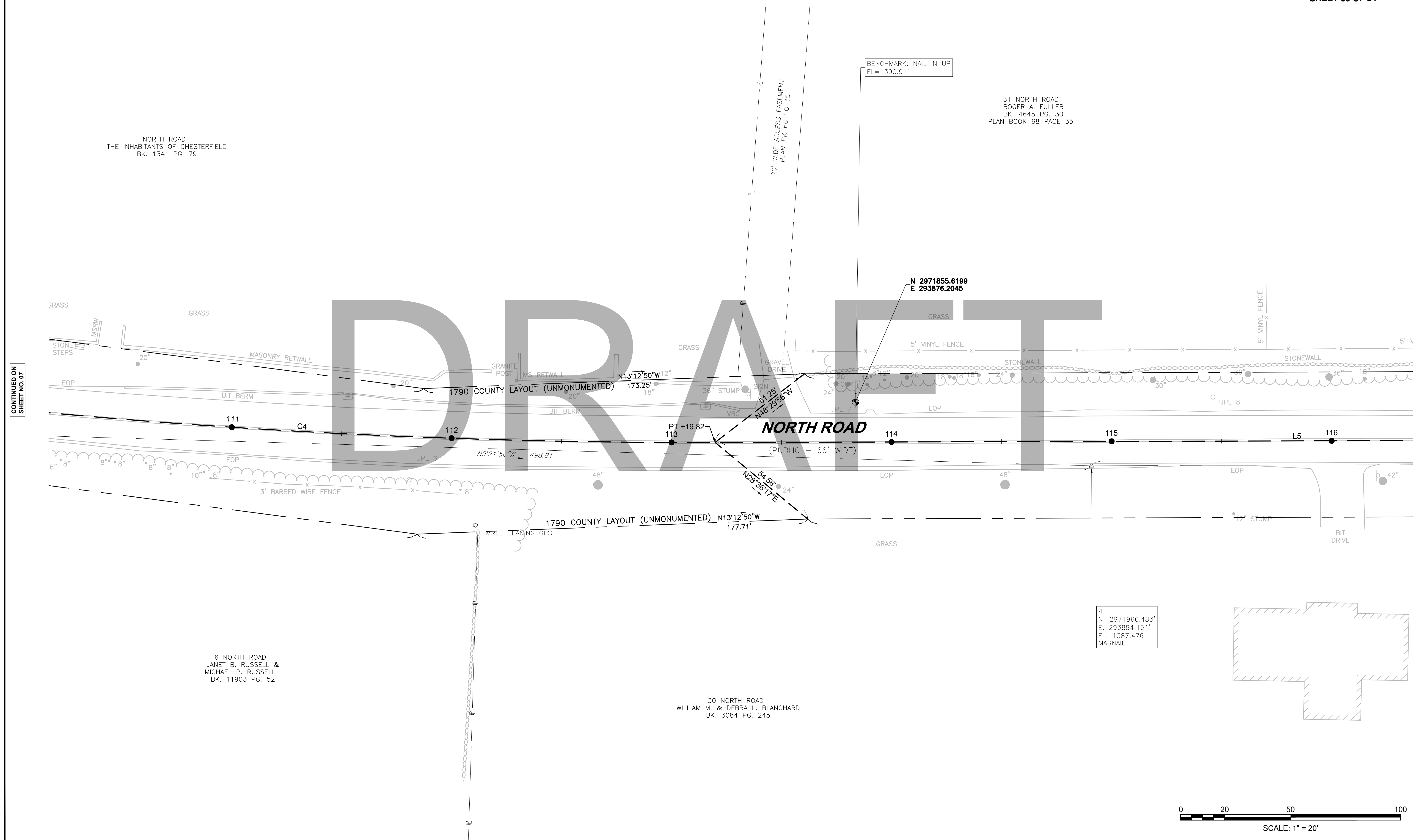
**CONSTRUCTION BASELINE TIES
SHEET 03 OF 24**

NORTH ROAD
THE INHABITANTS OF CHESTERFIELD
BK. 1341 PG. 79

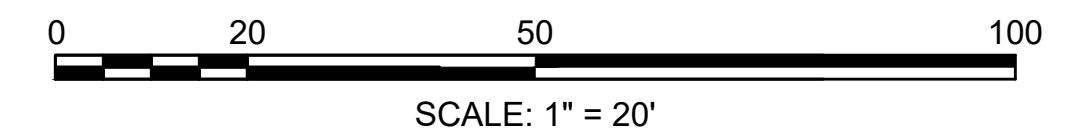
31 NORTH ROAD
ROGER A. FULLER
BK. 4645 PG. 30
PLAN BOOK 68 PAGE 35

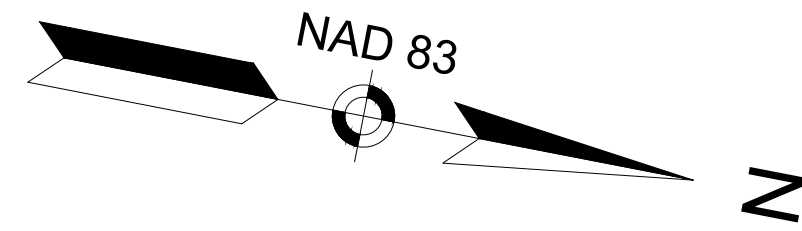
CONTINUED ON
SHEET NO. 07

CONTINUED ON
SHEET NO. 09



4
N: 2971966.483'
E: 293884.151'
EL: 1387.476'
MAGNAIL





**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

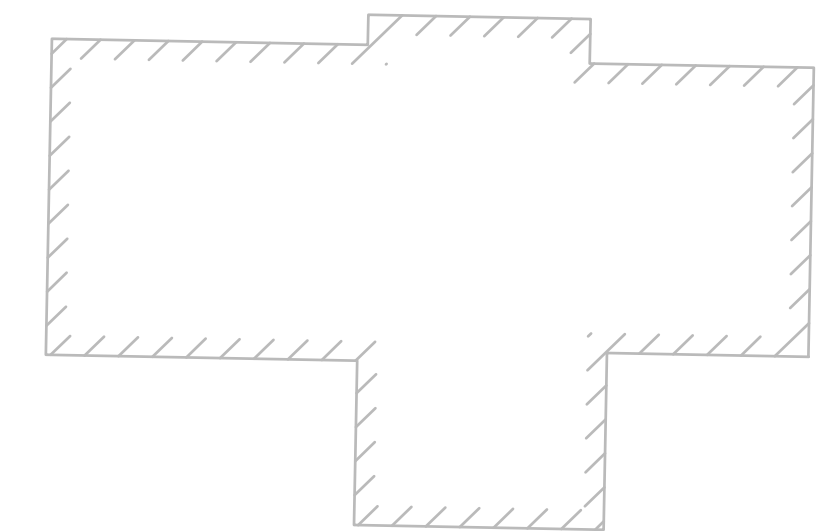
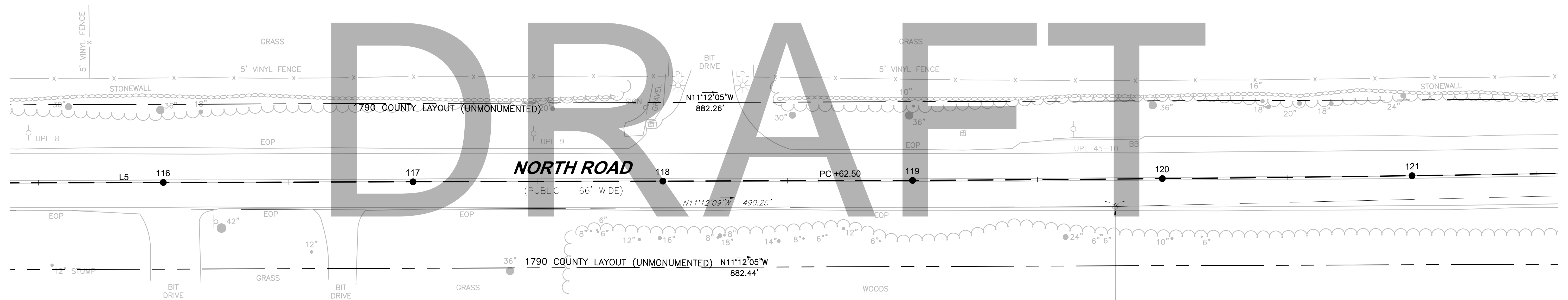
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	09	282
PROJECT FILE NO.		608886	

**CONSTRUCTION BASELINE TIES
SHEET 04 OF 24**

31 NORTH ROAD
ROGER A. FULLER
BK. 4645 PG. 30
PLAN BOOK 68 PAGE 35

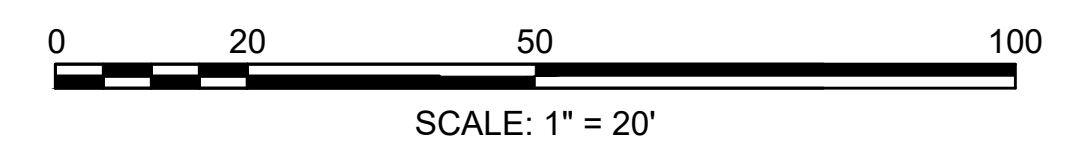
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SHEET NO. 08

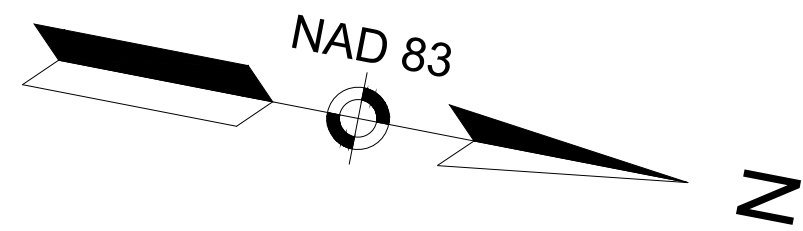
CONTINUED ON
SHEET NO. 10



30 NORTH ROAD
WILLIAM M. & DEBRA L. BLANCHARD
BK. 3084 PG. 245

5
N: 2972447.388'
E: 293788.907'
EL: 1376.034'
MAGNAIL





**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	10	282

PROJECT FILE NO. 608886
CONSTRUCTION BASELINE TIES
SHEET 05 OF 24

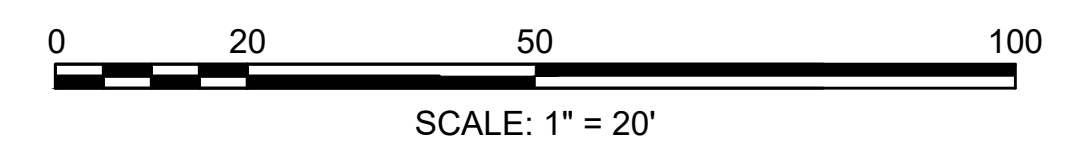
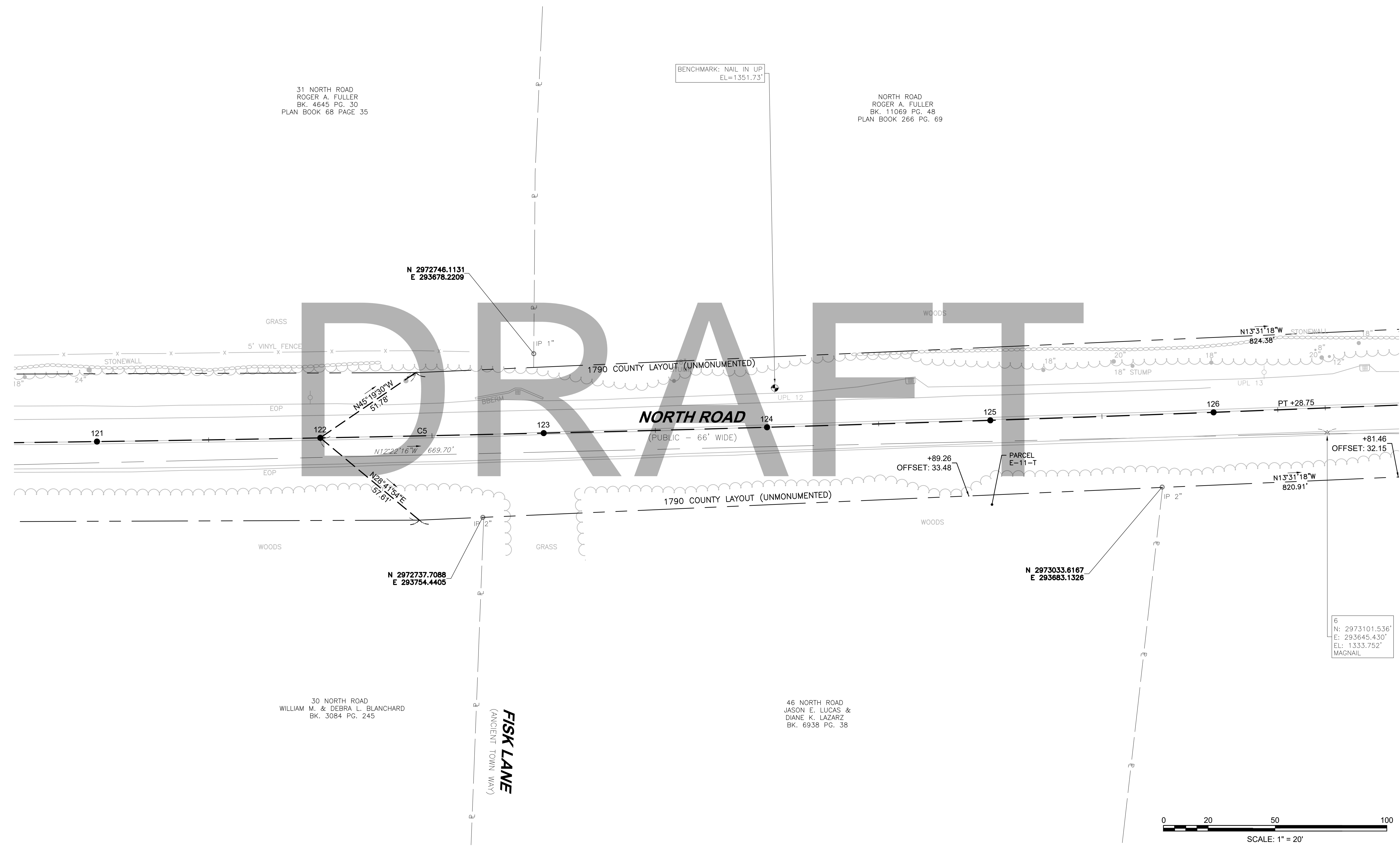
31 NORTH ROAD
ROGER A. FULLER
BK. 4645 PG. 30
PLAN BOOK 68 PAGE 35

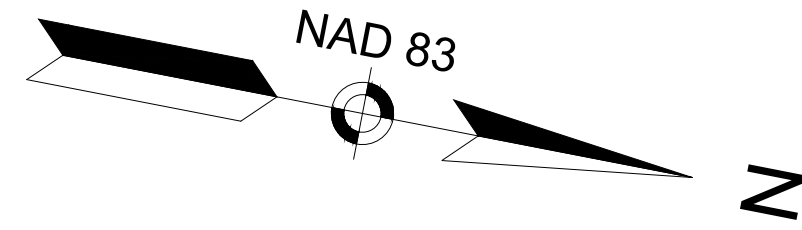
NORTH ROAD
ROGER A. FULLER
BK. 11069 PG. 48
PLAN BOOK 266 PG. 69

BENCHMARK: NAIL IN UP
EL=1351.73'

CONTINUED ON
SHEET NO. 09

CONTINUED ON
SHEET NO. 11





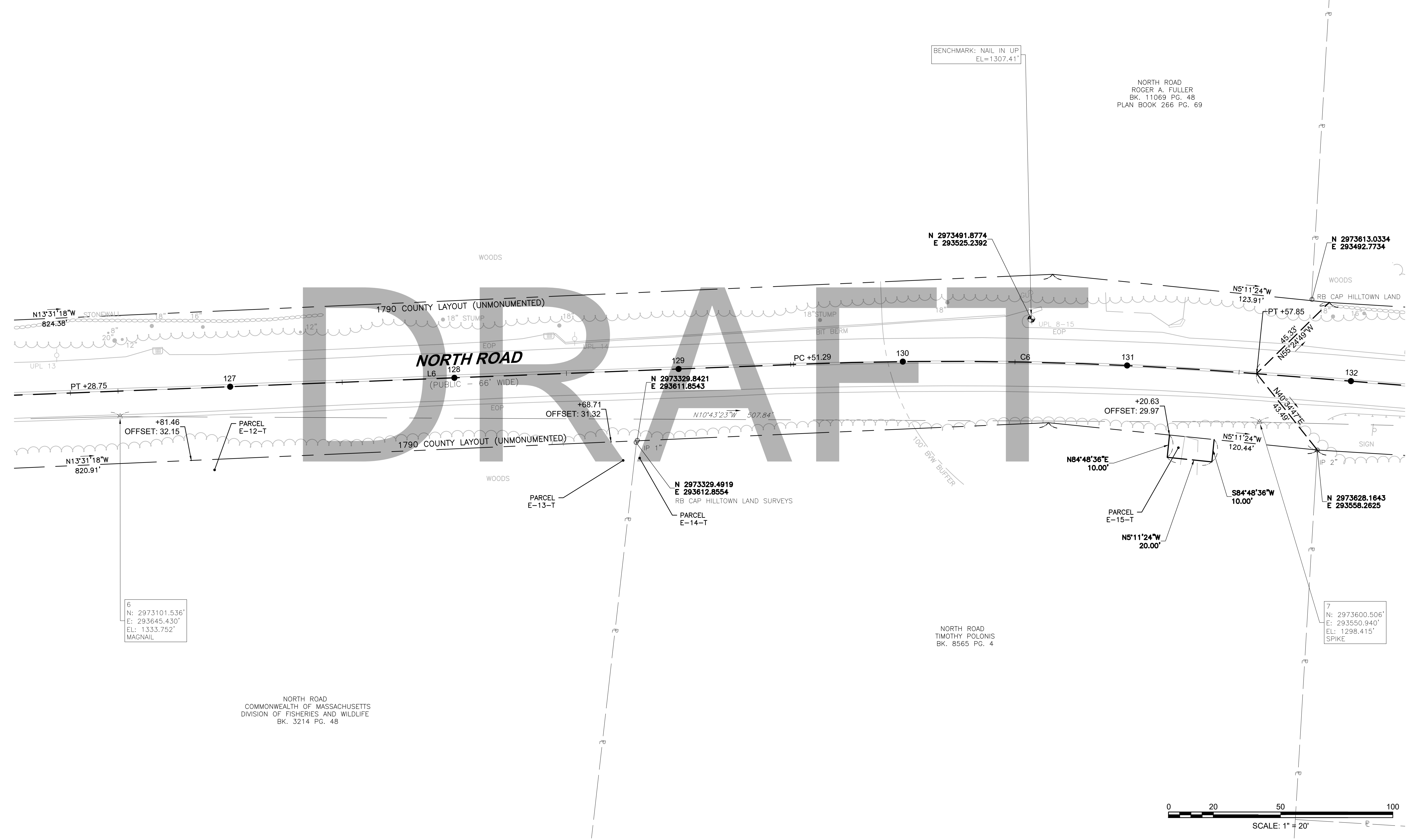
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	11	282

PROJECT FILE NO. 608886
CONSTRUCTION BASELINE TIES
SHEET 06 OF 24

CONTINUED ON
SHEET NO. 10

CONTINUED ON
SHEET NO. 12



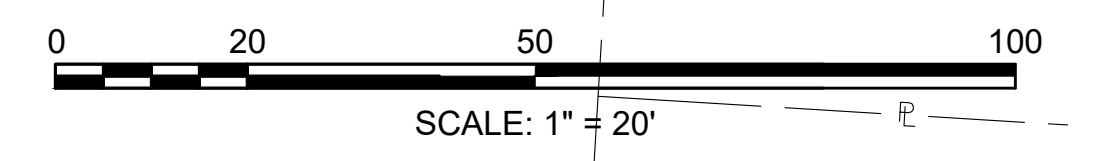
6
N: 2973101.536'
E: 293645.430'
EL: 1333.752'
MAGNAIL

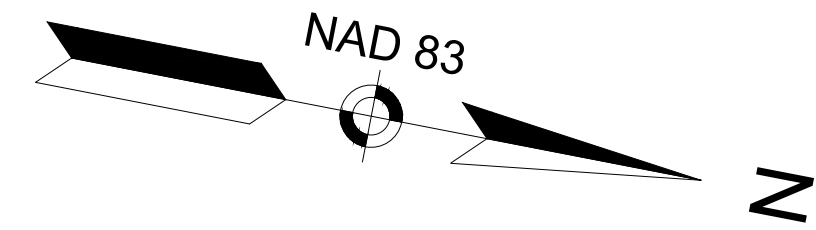
N 2973329.4919
E 293612.8554
RB CAP HILLTOWN LAND SURVEYS
PARCEL E-14-T

NORTH ROAD
TIMOTHY POLONIS
BK. 8565 PG. 4

7
N: 2973600.506'
E: 293550.940'
EL: 1298.415'
SPIKE

NORTH ROAD
COMMONWEALTH OF MASSACHUSETTS
DIVISION OF FISHERIES AND WILDLIFE
BK. 3214 PG. 48





CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	12	282

PROJECT FILE NO. 608886
CONSTRUCTION BASELINE TIES
SHEET 07 OF 24

63 NORTH ROAD
ALYSON RHODES FORTIER
BK. 10521 PG. 103

63 NORTH ROAD
ALYSON RHODES FORTIER
BK. 10521 PG. 103

BENCHMARK: NAIL IN UP
EL=1292.64'

N 2973613.0334
E 293492.7734

N 2973912.6322
E 293453.3126

N 2973939.5612
E 293469.2693

N 2973628.1643
E 293558.2625

7
N: 2973600.506'
E: 293550.940'
EL: 1298.415'
SPIKE

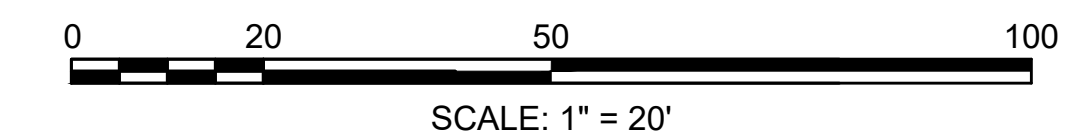
NORTH ROAD
MELINA M. BERARD & ANGIE
ROBERTS, HER HEIRS AND ASSIGNS,
EACH ONE HALF INTEREST
BK. 800 PG. 359

92 NORTH ROAD
NORTHAMPTON FARM, LLC
BK. 11937 PG. 320

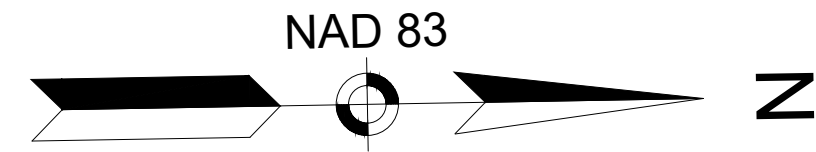
8
N: 2974102.727'
E: 293466.043'
EL: 1292.606'
SPIKE

CONTINUED ON
SHEET NO. 11

CONTINUED ON
SHEET NO. 13



608886_HD\CONSTR\BASELINE TIES.DWG Plotted on 21-Feb-2024 6:01 PM



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	13	282
PROJECT FILE NO.		608886	

**CONSTRUCTION BASELINE TIES
SHEET 08 OF 24**

63 NORTH ROAD
ALYSON RHODES FORTIER
BK. 10521 PG. 103

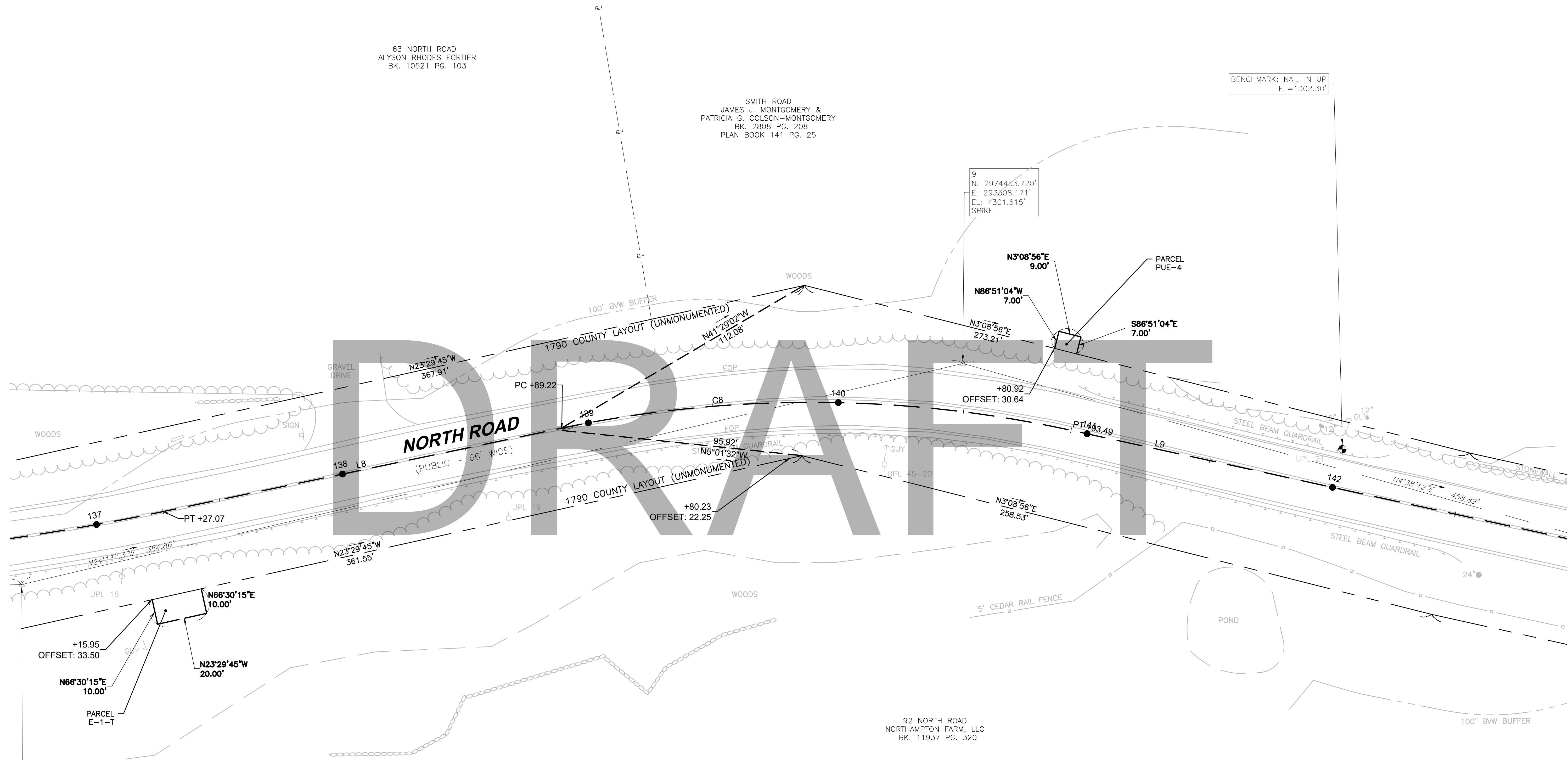
SMITH ROAD
JAMES J. MONTGOMERY &
PATRICIA G. COLSON-MONTGOMERY
BK. 2808 PG. 208
PLAN BOOK 141 PG. 25

BENCHMARK: NAIL IN UP
EL=1302.30'

9
N: 2974453.720'
E: 293308.171'
EL: 1301.615'
SPIKE

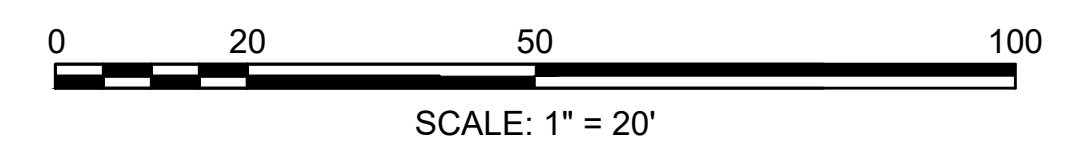
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SHEET NO. 12

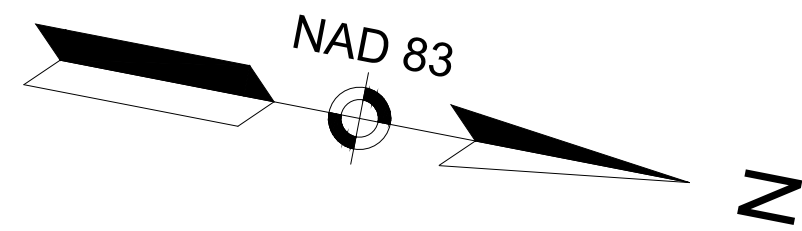
CONTINUED ON
SHEET NO. 14



8
N: 2974102.727'
E: 293466.043'
EL: 1292.606'
SPIKE

92 NORTH ROAD
NORTHAMPTON FARM, LLC
BK. 11937 PG. 320





**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

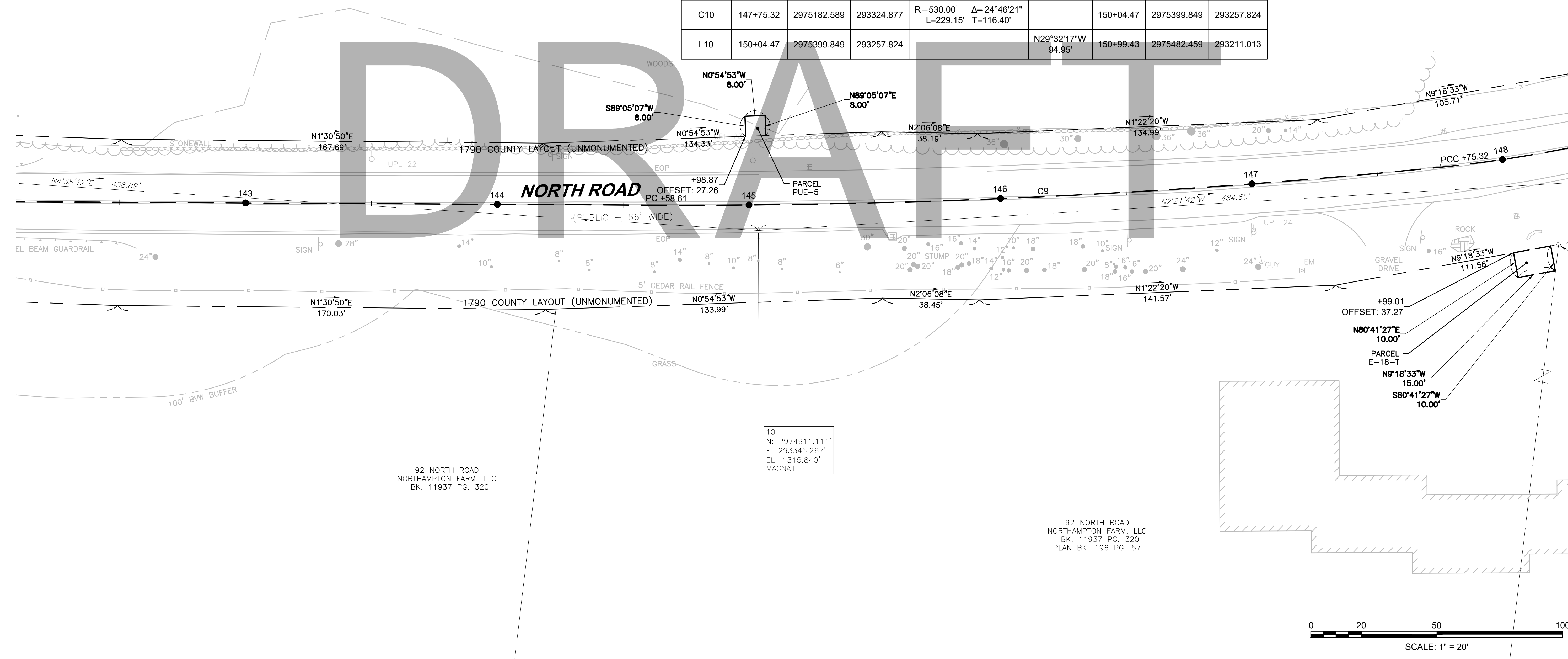
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	14	282
PROJECT FILE NO.		608886	

**CONSTRUCTION BASELINE TIES
SHEET 09 OF 24**

NORTH ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L6	126+28.75	2973077.821	293639.351		N13°16'01"W 322.54'	129+51.29	2973391.751	293565.331
C6	129+51.29	2973391.751	293565.331	R = 1738.00' Δ = 6°48'34" L = 206.56' T = 103.40'		131+57.85	2973595.135	293529.973
L7	131+57.85	2973595.135	293529.973		N6°27'27"W 288.21'	134+46.06	2973881.517	293497.559
C7	134+46.06	2973881.517	293497.559	R = 984.00' Δ = 16°21'45" L = 281.01' T = 141.47'		137+27.07	2974152.482	293426.782
L8	137+27.07	2974152.482	293426.782		N22°49'12"W 162.15'	138+89.22	2974301.940	293363.894
C8	138+89.22	2974301.940	293363.894	R = 485.00' Δ = 24°07'54" L = 204.27' T = 103.67'		140+93.49	2974501.143	293326.059
L9	140+93.49	2974501.143	293326.059		N1°18'42"E 365.13'	144+58.61	2974866.173	293334.416
C9	144+58.61	2974866.173	293334.416	R = 2986.00' Δ = 6°04'37" L = 316.71' T = 158.50'		147+75.32	2975182.589	293324.877
C10	147+75.32	2975182.589	293324.877	R = 530.00' Δ = 24°46'21" L = 229.15' T = 116.40'		150+04.47	2975399.849	293257.824
L10	150+04.47	2975399.849	293257.824		N29°32'17"W 94.95'	150+99.43	2975482.459	293211.013

SMITH ROAD
JAMES J. MONTGOMERY &
PATRICIA G. COLSON-MONTGOMERY
BK. 2808 PG. 208
PLAN BOOK 141 PG. 25

CONTINUED ON
SHEET NO. 13



CONTINUED ON
SHEET NO. 15

92 NORTH ROAD
NORTHAMPTON FARM, LLC
BK. 11937 PG. 320

92 NORTH ROAD
NORTHAMPTON FARM, LLC
BK. 11937 PG. 320
PLAN BK. 196 PG. 57

10
N: 2974911.111'
E: 293345.267'
EL: 1315.840'
MAGNAIL

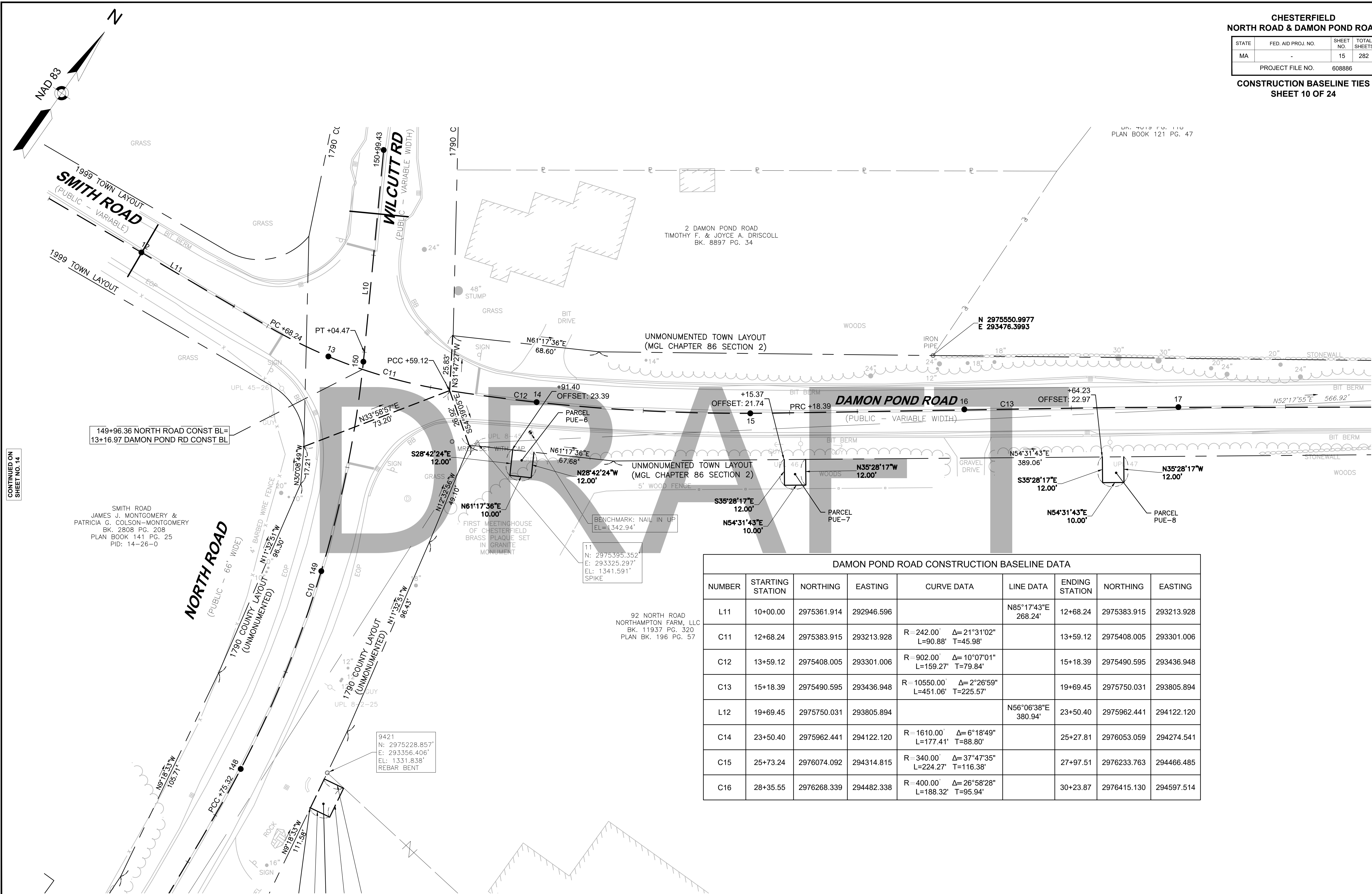
608886_HD\CONSTR\BASELINE TIES.DWG Plotted on 21-Feb-2024 6:01 PM

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	15	282

PROJECT FILE NO. 608886
CONSTRUCTION BASELINE TIES
SHEET 10 OF 24

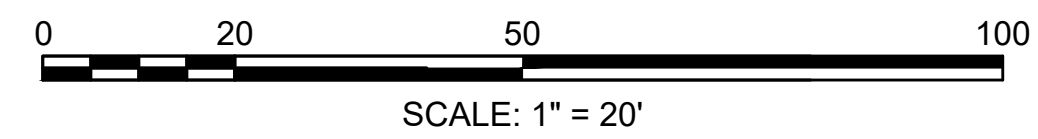
UP. 110 FOR 110
PLAN BOOK 121 PG. 47



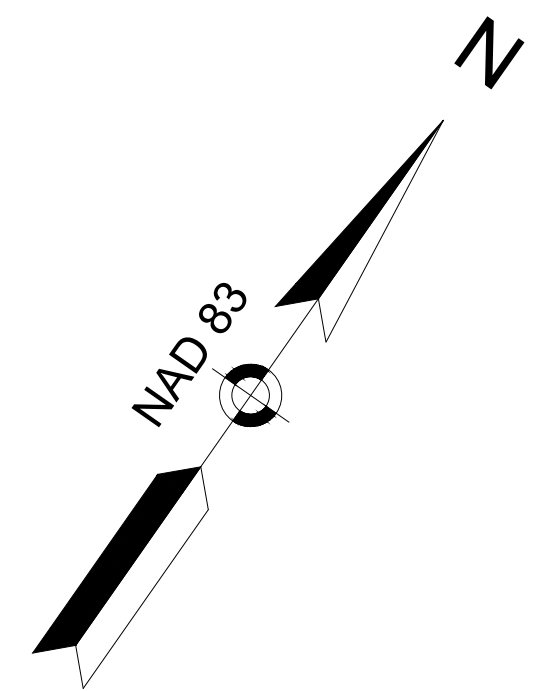
DAMON POND ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L11	10+00.00	2975361.914	292946.596		N85°17'43"E 268.24'	12+68.24	2975383.915	293213.928
C11	12+68.24	2975383.915	293213.928	R = 242.00' Δ = 21°31'02" L = 90.88' T = 45.98'		13+59.12	2975408.005	293301.006
C12	13+59.12	2975408.005	293301.006	R = 902.00' Δ = 10°07'01" L = 159.27' T = 79.84'		15+18.39	2975490.595	293436.948
C13	15+18.39	2975490.595	293436.948	R = 10550.00' Δ = 2°26'59" L = 451.06' T = 225.57'		19+69.45	2975750.031	293805.894
L12	19+69.45	2975750.031	293805.894		N56°06'38"E 380.94'	23+50.40	2975962.441	294122.120
C14	23+50.40	2975962.441	294122.120	R = 1610.00' Δ = 6°18'49" L = 177.41' T = 88.80'		25+27.81	2976053.059	294274.541
C15	25+27.81	2976053.059	294274.541	R = 340.00' Δ = 37°47'35" L = 224.27' T = 116.38'		27+97.51	2976233.763	294466.485
C16	27+97.51	2976233.763	294466.485	R = 400.00' Δ = 26°58'28" L = 188.32' T = 95.94'		30+23.87	2976415.130	294597.514

CONTINUED ON
SHEET NO. 14

CONTINUED ON
SHEET NO. 16



608886_HDI(CONSTR-BASELINE TIES).DWG Plotted on 21-Feb-2024 6:01 PM



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	16	282

PROJECT FILE NO. 608886
CONSTRUCTION BASELINE TIES
SHEET 11 OF 24

4 PYNCHON ROAD
STEVEN J. MARCUS
BK. 4585 PG. 155

12 WILLCUTT ROAD
DONALD JOSEPH BIENVENUE
BK. 4019 PG. 118
PLAN BOOK 121 PG. 47

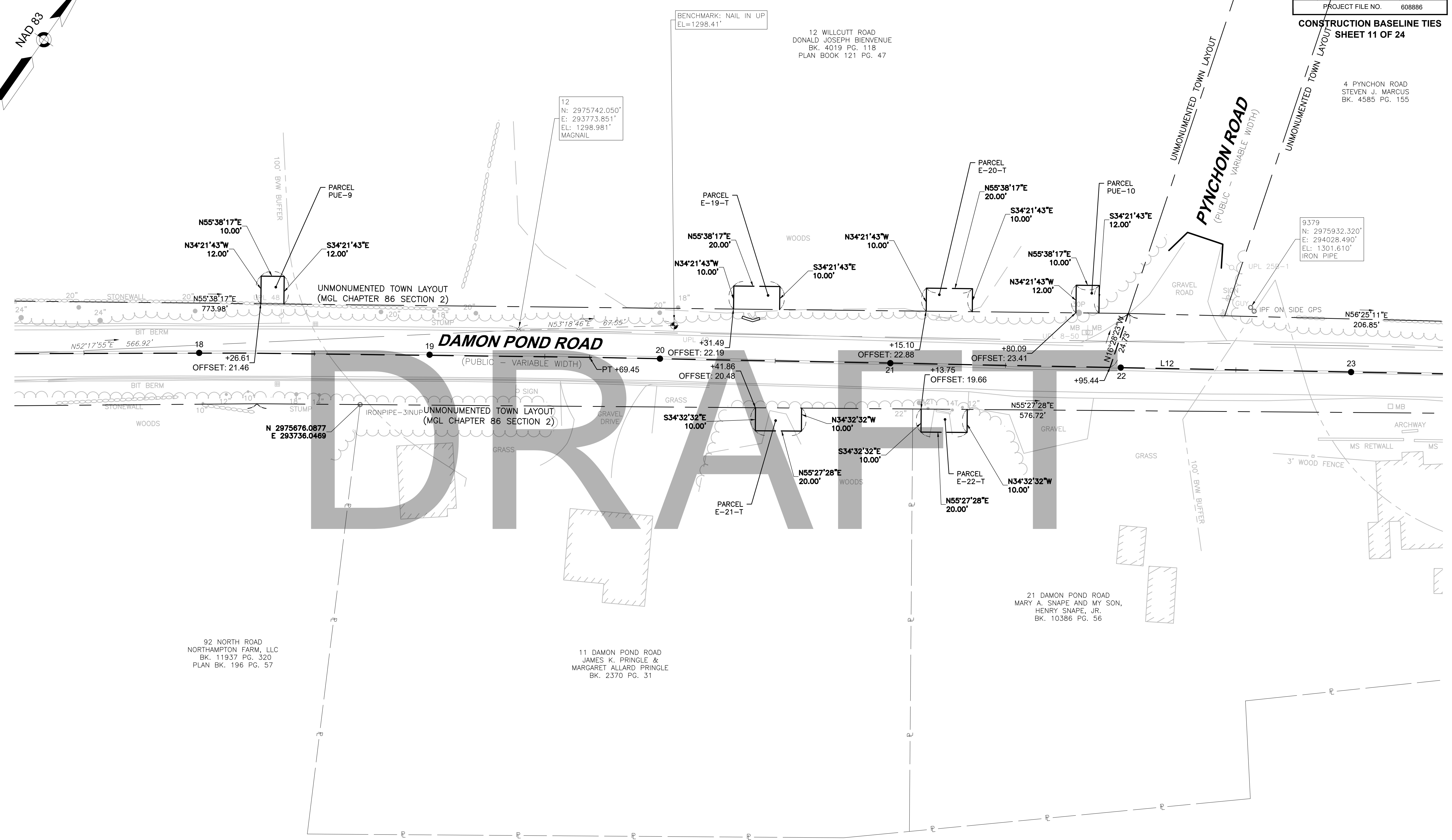
12
N: 2975742.050'
E: 293773.851'
EL: 1298.981'
MAGNAIL

9379
N: 2975932.320'
E: 294028.490'
EL: 1301.610'
IRON PIPE

21 DAMON POND ROAD
MARY A. SNAPE AND MY SON,
HENRY SNAPE, JR.
BK. 10386 PG. 56

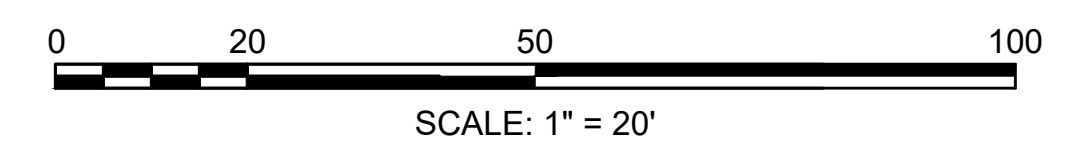
92 NORTH ROAD
NORTHAMPTON FARM, LLC
BK. 11937 PG. 320
PLAN BK. 196 PG. 57

11 DAMON POND ROAD
JAMES K. PRINGLE &
MARGARET ALLARD PRINGLE
BK. 2370 PG. 31



CONTINUED ON
SHEET NO. 15

CONTINUED ON
SHEET NO. 17



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	17	282

PROJECT FILE NO. 608886
CONSTRUCTION BASELINE TIES
SHEET 12 OF 24

43 DAMON POND ROAD
THOMAS J. BOYLE &
NANCY PITTSINGER BOYLE
BK. 2444 PG. 288

28 DAMON POND ROAD
KATHRYN D. MICKETT-KENNEDY &
RYAN J. KENNEDY
BK. 11004 PG. 232
PLAN BOOK 162 PG. 85

26 DAMON POND ROAD
JAMES E. DAWSON &
AUTUMN M. BOYLE-DAWSON
BK. 8702 PG. 171

4 PYNCHON ROAD
STEVEN J. MARCUS
BK. 4585 PG. 155

21 DAMON POND ROAD
MARY-A. SNAPE AND MY SON,
HENRY SNAPE, JR.
BK. 10386 PG. 56

92 NORTH ROAD
NORTHAMPTON FARM, LLC
BK. 11937 PG. 320
PLAN BK. 196 PG. 57

27 DAMON POND ROAD
WILLIAM H. NUGENT, JR.
BK. 7976 PG. 200
PLAN BK. 156 PG. 83

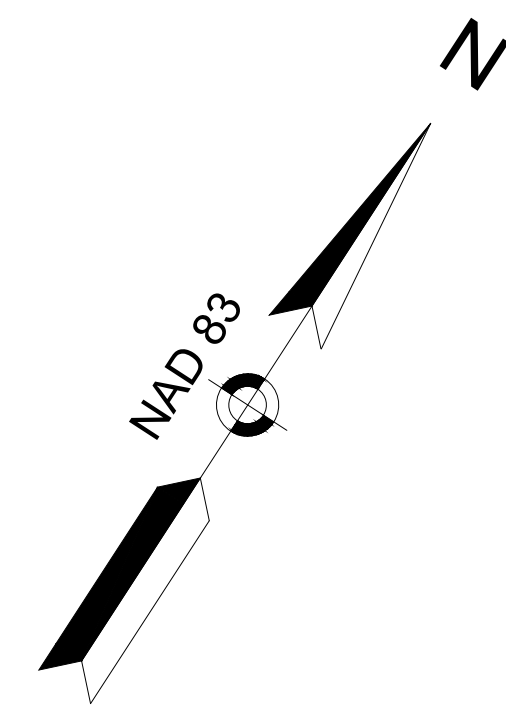
27 DAMON POND ROAD
WILLIAM H. NUGENT, JR.
BK. 7976 PG. 200
PLAN BK. 144 PG. 49

CONTINUED ON
SHEET NO. 16

CONTINUED ON
SHEET NO. 18



608886_HD\CONSTR\BASELINE TIES.DWG Plotted on 21-Feb-2024 6:01 PM



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	18	282

PROJECT FILE NO. 608886
CONSTRUCTION BASELINE TIES
SHEET 13 OF 24

BENCHMARK: NAIL IN UP
EL=1277.19'

15
N: 2976399.058'
E: 294560.641'
EL: 1265.456'
MAGNAIL

43 DAMON POND ROAD
THOMAS J. BOYLE &
NANCY PITTSINGER BOYLE
BK. 2444 PG. 288

43 DAMON POND ROAD
THOMAS J. BOYLE &
NANCY PITTSINGER BOYLE
BK. 2444 PG. 288

N 2976615.8932
E 294882.3606

UNMONUMENTED TOWN LAYOUT
(MGL CHAPTER 86 SECTION 2)

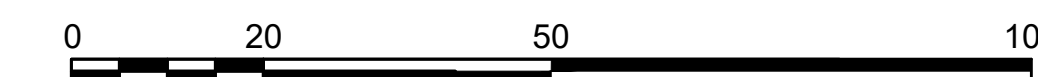
DAMON POND ROAD

(PUBLIC - VARIABLE WIDTH)

UNMONUMENTED TOWN LAYOUT
(MGL CHAPTER 86 SECTION 2)

37 DAMON POND ROAD
LAWRENCE W. & EMILY B. HOLMBERG
BK. 3019 PG. 321
PLAN BK. 144 PG. 49

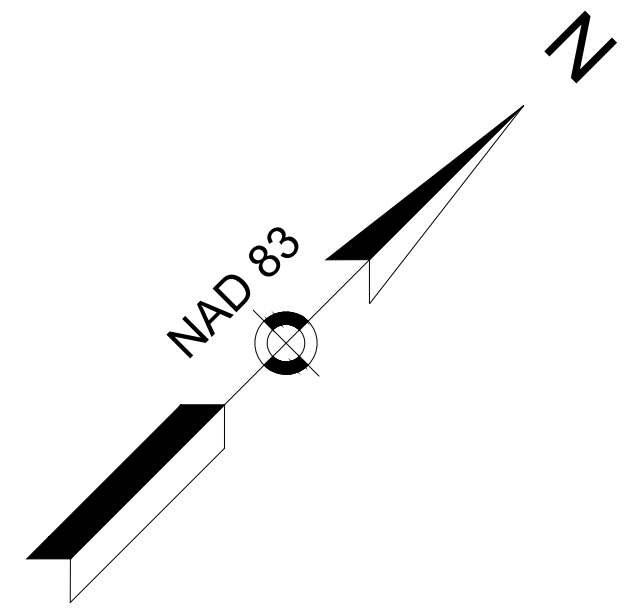
43 DAMON POND ROAD
THOMAS J. BOYLE & NANCY
PITTSINGER BOYLE
BK. 2444 PG. 288



SCALE: 1" = 20'

CONTINUED ON
SHEET NO. 17

CONTINUED ON
SHEET NO. 19



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	19	282

PROJECT FILE NO. 608886
CONSTRUCTION BASELINE TIES
SHEET 14 OF 24

DAMON POND ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C17	30+23.87	2976415.130	294597.514	R = 1229.92' Δ = 9°35'16" L = 205.82' T = 103.15'		32+29.68	2976529.125	294768.588
L13	32+29.68	2976529.125	294768.588		N61°02'21"E 354.96'	35+84.65	2976701.002	295079.164
C18	35+84.65	2976701.002	295079.164	R = 412.00' Δ = 35°04'15" L = 252.19' T = 130.18'		38+36.83	2976881.077	295250.072
L14	38+36.83	2976881.077	295250.072		N25°58'07"E 277.60'	41+14.43	2977130.647	295371.625
C19	41+14.43	2977130.647	295371.625	R = 1098.00' Δ = 15°11'16" L = 291.06' T = 146.39'		44+05.48	2977372.469	295532.063
L15	44+05.48	2977372.469	295532.063		N41°09'23"E 268.37'	46+73.85	2977574.528	295708.680
C20	46+73.85	2977574.528	295708.680	R = 1280.00' Δ = 8°15'34" L = 184.52' T = 92.42'		48+58.37	2977704.238	295839.692
L16	48+58.37	2977704.238	295839.692		N49°24'57"E 184.36'	50+42.73	2977824.173	295979.701
C21	50+42.73	2977824.173	295979.701	R = 650.00' Δ = 27°44'56" L = 314.80' T = 160.55'		53+57.53	2978077.830	296160.909

43 DAMON POND ROAD
THOMAS J. BOYLE & NANCY
PITTSINGER BOYLE
BK. 2444 PG. 288

43 DAMON POND ROAD
THOMAS J. BOYLE & NANCY
PITTSINGER BOYLE
BK. 2444 PG. 288

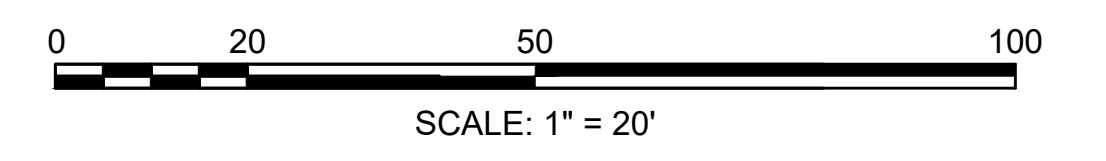
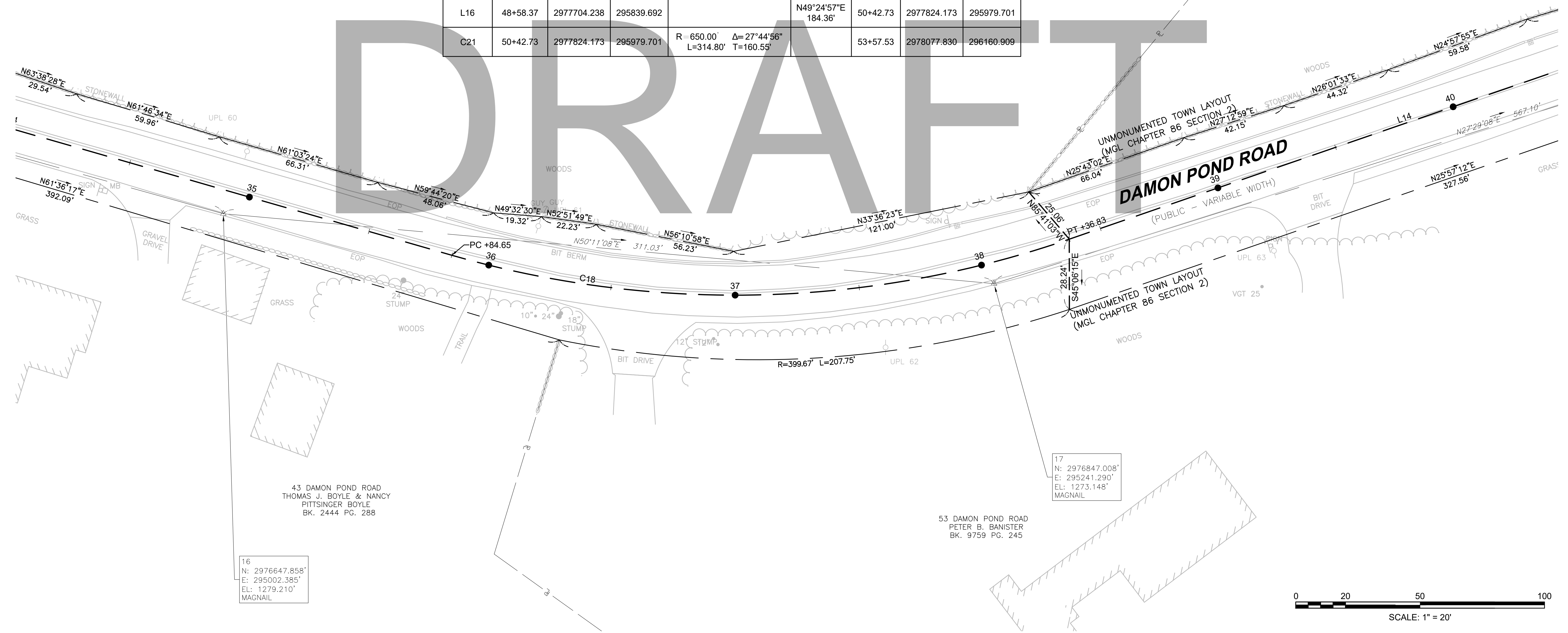
53 DAMON POND ROAD
PETER B. BANISTER
BK. 9759 PG. 245

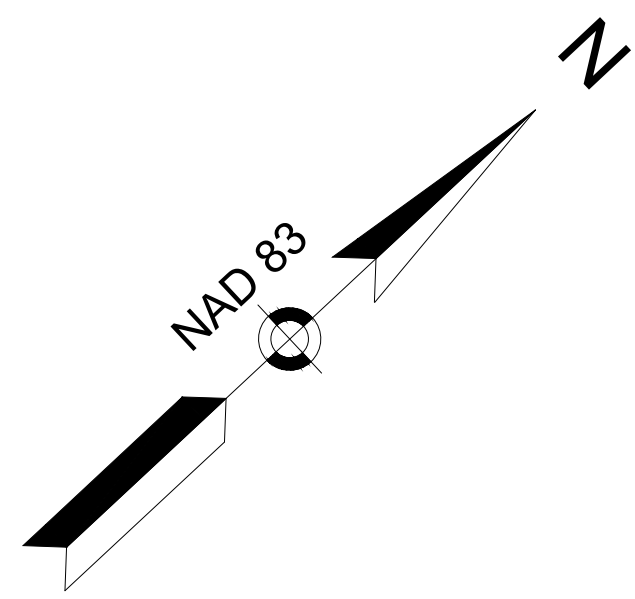
16
N: 2976647.858'
E: 295002.385'
EL: 1279.210'
MAGNAIL

17
N: 2976847.008'
E: 295241.290'
EL: 1273.148'
MAGNAIL

CONTINUED ON
SHEET NO. 18

CONTINUED ON
SHEET NO. 20





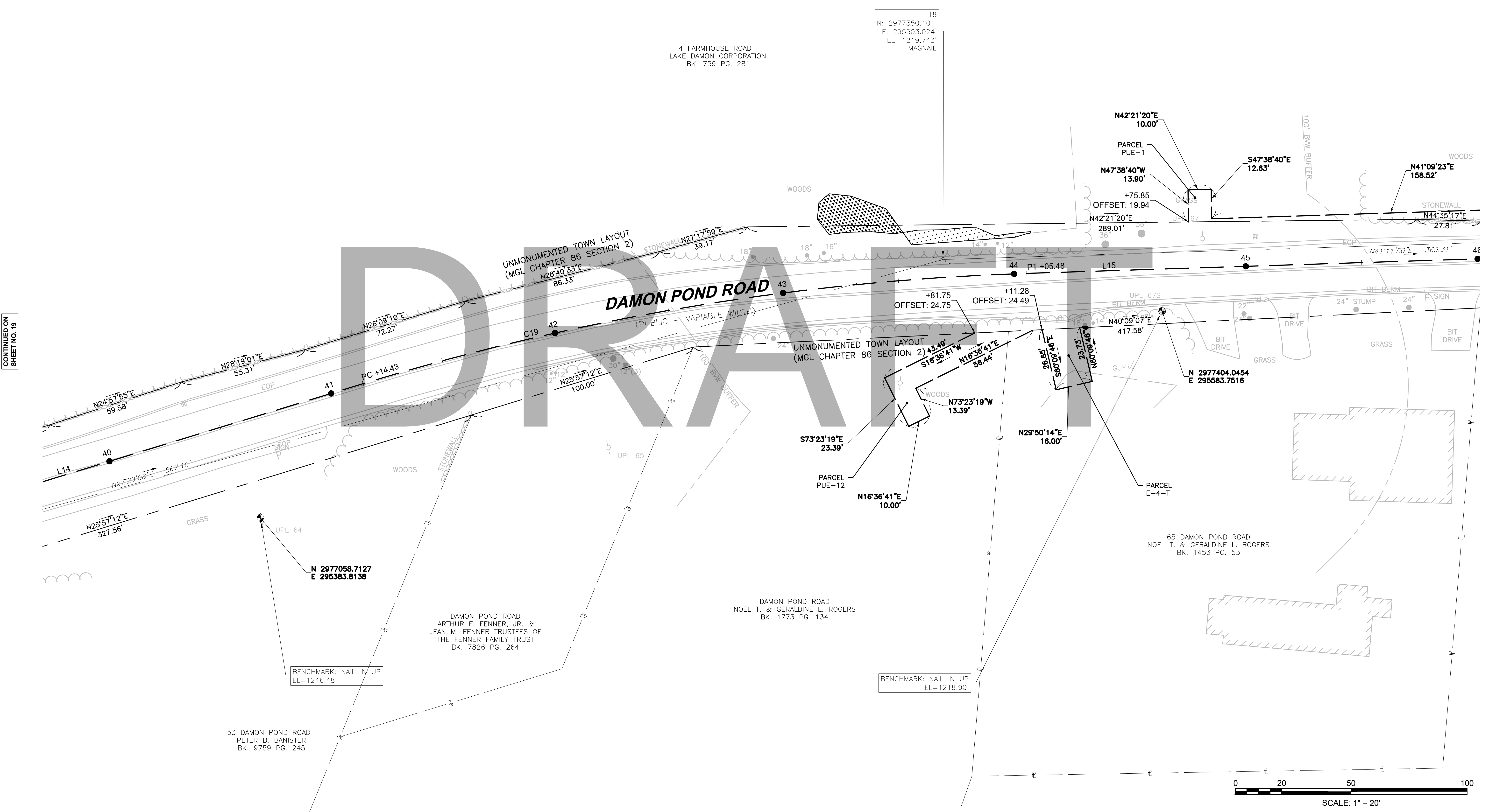
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	20	282

PROJECT FILE NO. 608886
CONSTRUCTION BASELINE TIES
SHEET 15 OF 24

CONTINUED ON
SHEET NO. 19

CONTINUED ON
SHEET NO. 21



18
N: 2977350.101'
E: 295503.024'
EL: 1219.743'
MAGNAIL

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281

N42'21'20"E
10.00'
PARCEL PUE-1
N47'38'40"W
13.90'
+75.85
OFFSET: 19.94
N42'21'20"E
289.01'

S47'38'40"E
12.63'

N41'09'23"E
158.52'

UNMONUMENTED TOWN LAYOUT
(MGL CHAPTER 86 SECTION 2)
N28'40'33"E
86.33'

DAMON POND ROAD
(PUBLIC VARIABLE WIDTH)

UNMONUMENTED TOWN LAYOUT
(MGL CHAPTER 86 SECTION 2)
N28'40'33"E
86.33'

N 2977404.0454
E 295583.7516

65 DAMON POND ROAD
NOEL T. & GERALDINE L. ROGERS
BK. 1453 PG. 53

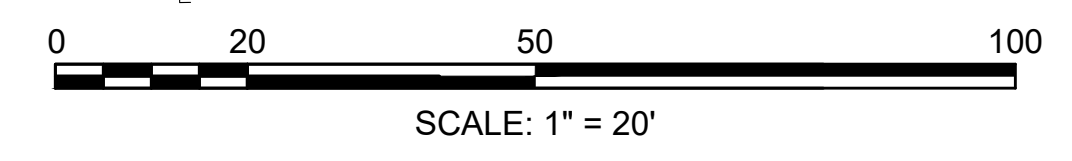
DAMON POND ROAD
NOEL T. & GERALDINE L. ROGERS
BK. 1773 PG. 134

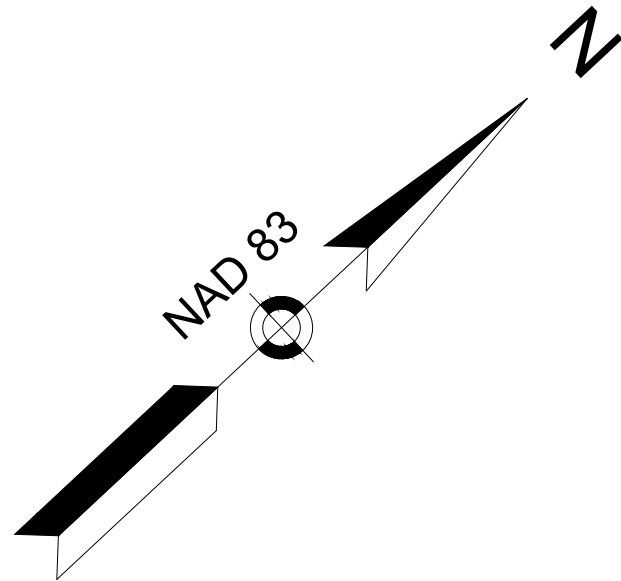
DAMON POND ROAD
ARTHUR F. FENNER, JR. &
JEAN M. FENNER TRUSTEES OF
THE FENNER FAMILY TRUST
BK. 7826 PG. 264

53 DAMON POND ROAD
PETER B. BANISTER
BK. 9759 PG. 245

BENCHMARK: NAIL IN UP
EL=1246.46'

BENCHMARK: NAIL IN UP
EL=1218.90'





CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	21	282

PROJECT FILE NO. 608886
CONSTRUCTION BASELINE TIES
SHEET 16 OF 24

CONTINUED ON
SHEET NO. 20

CONTINUED ON
SHEET NO. 22

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±

67 DAMON POND ROAD
JOSEPH S. BARKER, JR.
BK. 12399 PG. 181

LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 3)
AREA=4 ACRES±

DAMON POND ROAD
(PUBLIC - VARIABLE WIDTH)

19
N: 2977627.985'
E: 295746.269'
EL: 1225.011'
MAGNAIL

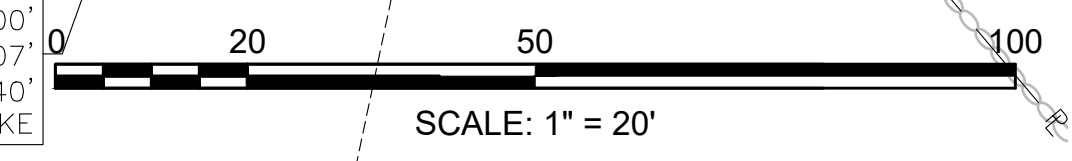
51
N: 2977820.039'
E: 295751.747'
EL: 1222.992'
MTRV SPIKE

8001
N: 2977780.566'
E: 295906.752'
EL: 1216.755'
MFLYS1
N 2977693.9224
E 295811.6427

BENCHMARK: NAIL IN UP
EL=1226.06'

31
N: 2977645.832'
E: 295984.232'
EL: 1201.404'
SPIKE

30
N: 297766.400'
E: 296072.507'
EL: 1204.940'
SPIKE



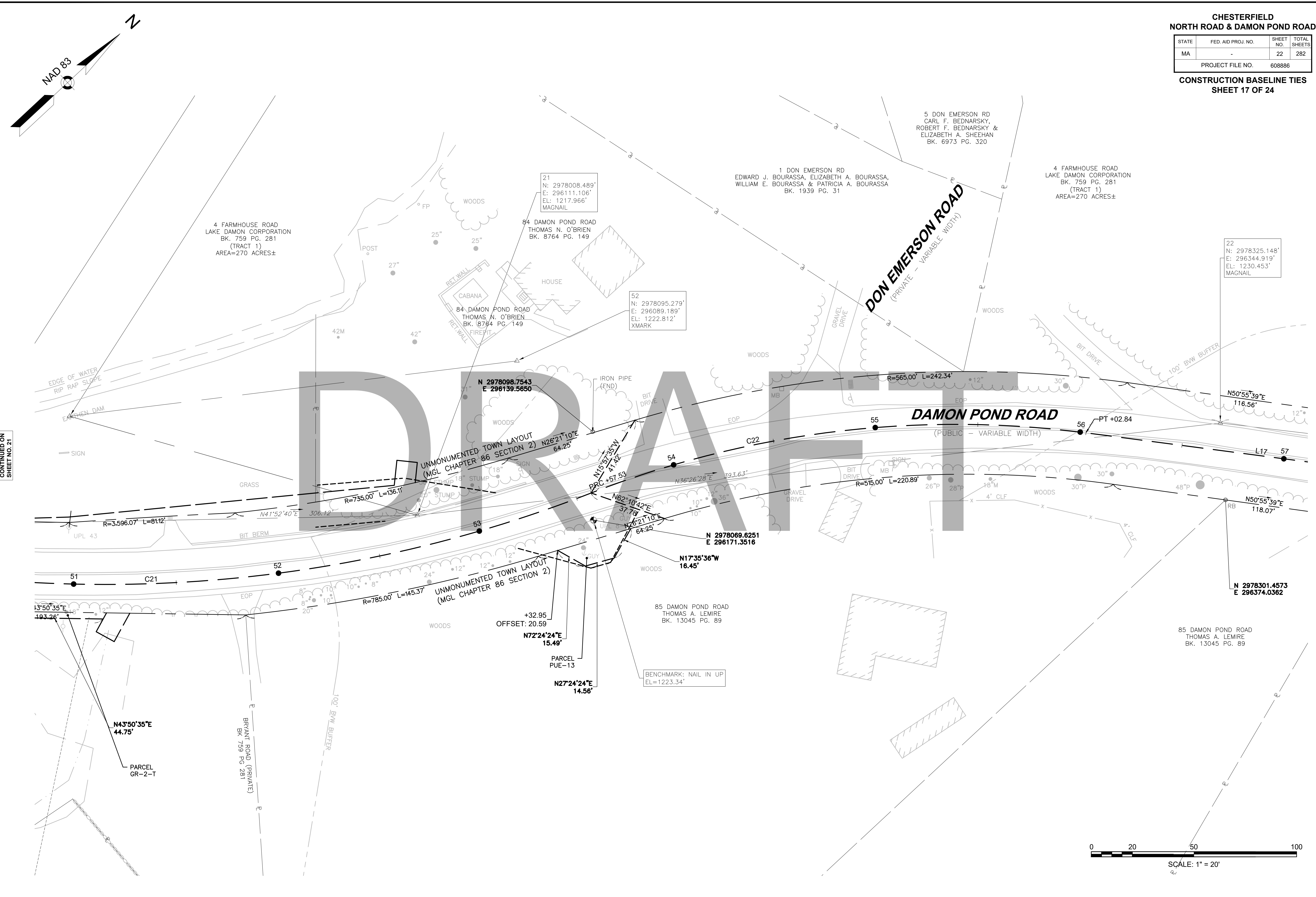
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

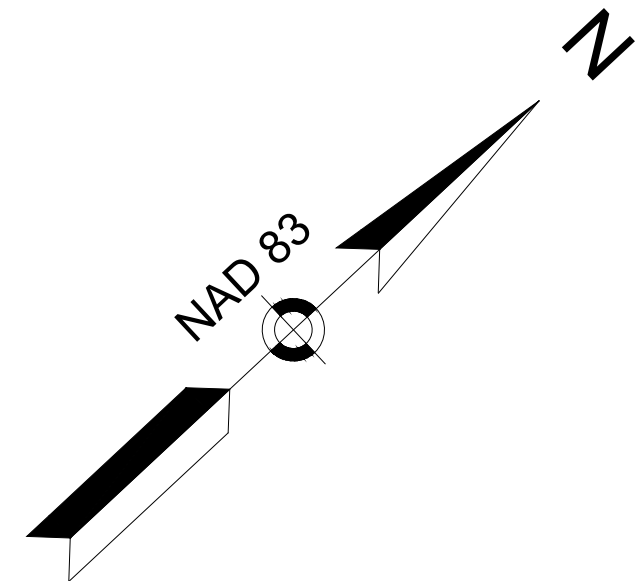
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	22	282
PROJECT FILE NO. 608886			

**CONSTRUCTION BASELINE TIES
SHEET 17 OF 24**

CONTINUED ON
SHEET NO. 21

CONTINUED ON
SHEET NO. 23





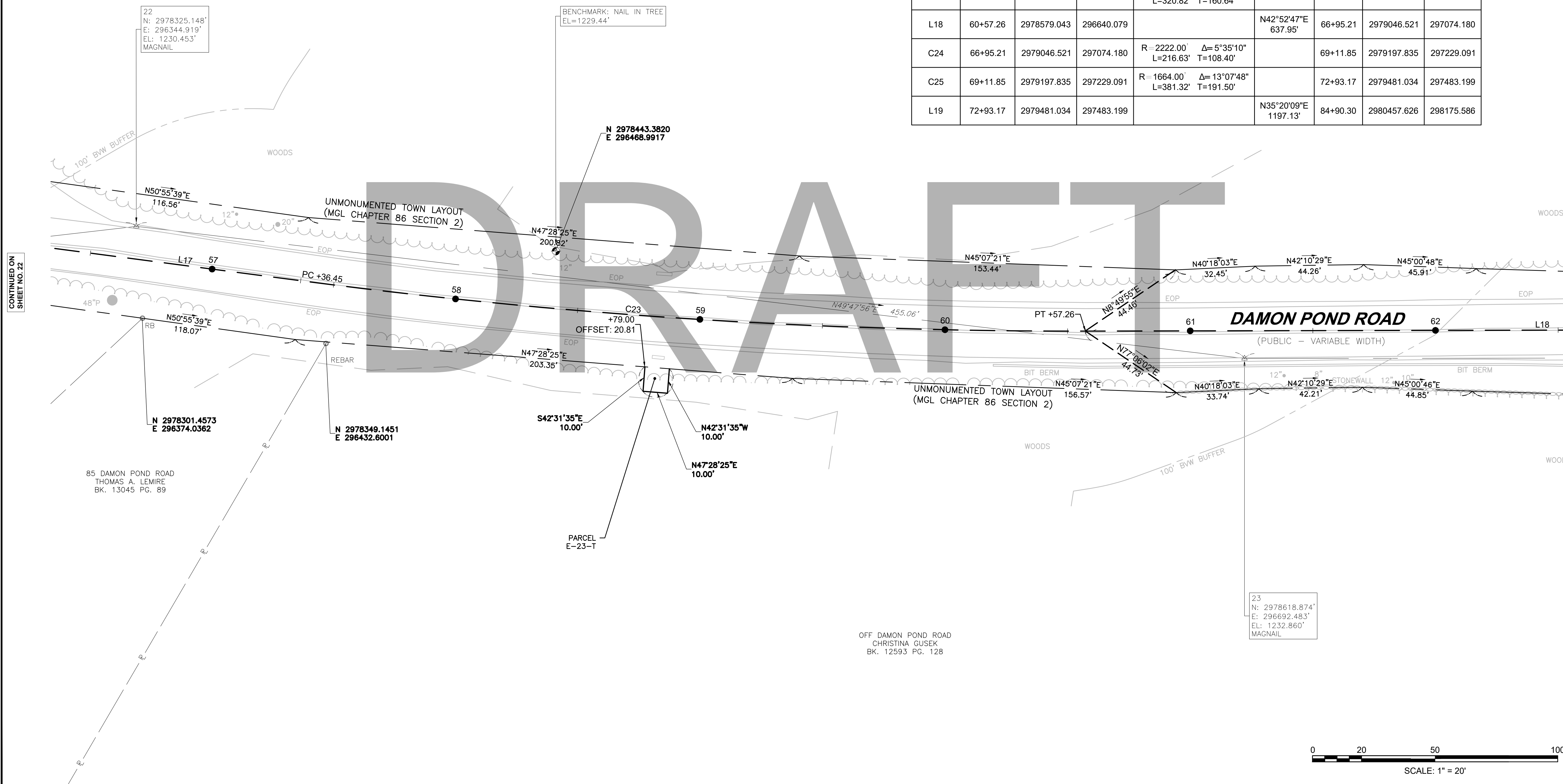
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	23	282
PROJECT FILE NO.		608886	

**CONSTRUCTION BASELINE TIES
SHEET 18 OF 24**

DAMON POND ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C22	53+57.53	2978077.830	296160.909	R=488.00' Δ=28°48'08" L=245.32' T=125.31'		56+02.84	2978274.041	296303.821
L17	56+02.84	2978274.041	296303.821		N50°28'09"E 133.60'	57+36.45	2978359.078	296406.866
C23	57+36.45	2978359.078	296406.866	R=2422.00' Δ=7°35'22" L=320.82' T=160.64'		60+57.26	2978579.043	296640.079
L18	60+57.26	2978579.043	296640.079		N42°52'47"E 637.95'	66+95.21	2979046.521	297074.180
C24	66+95.21	2979046.521	297074.180	R=2222.00' Δ=5°35'10" L=216.63' T=108.40'		69+11.85	2979197.835	297229.091
C25	69+11.85	2979197.835	297229.091	R=1664.00' Δ=13°07'48" L=381.32' T=191.50'		72+93.17	2979481.034	297483.199
L19	72+93.17	2979481.034	297483.199		N35°20'09"E 1197.13'	84+90.30	2980457.626	298175.586

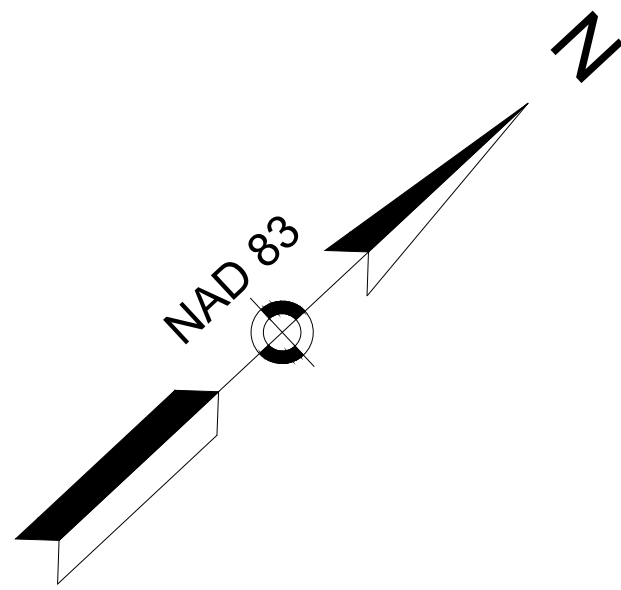
4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±



CONTINUED ON
SHEET NO. 22

CONTINUED ON
SHEET NO. 24

608886_HD(CONSTR)BASELINE TIES.DWG Plotted on: 21-Feb-2024 6:02 PM



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	24	282
PROJECT FILE NO.		608886	

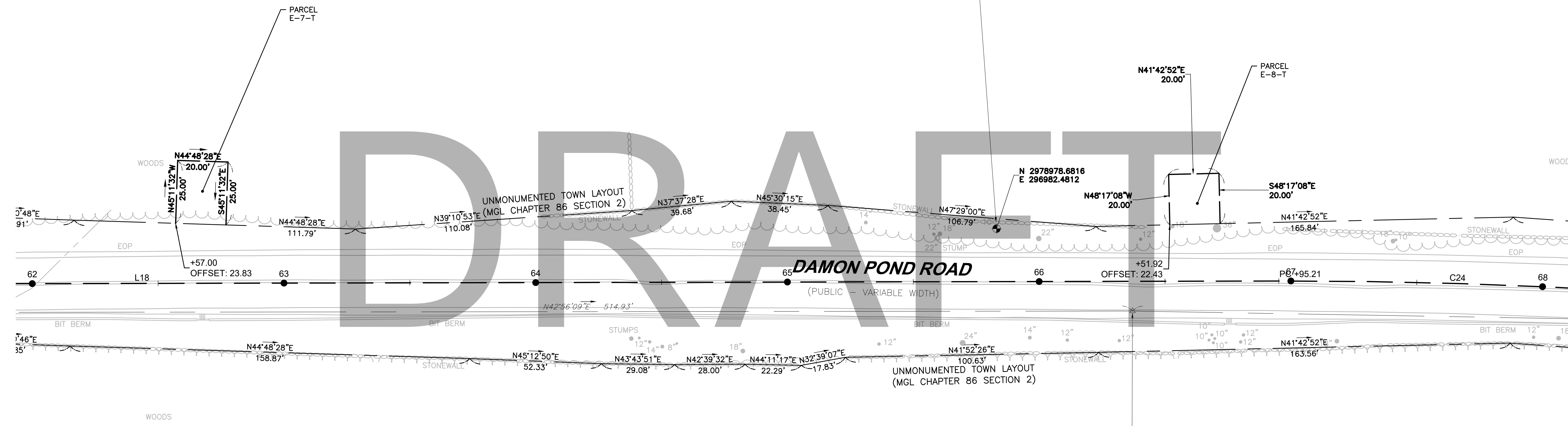
**CONSTRUCTION BASELINE TIES
SHEET 19 OF 24**

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±

BENCHMARK: NAIL IN TREE
EL=1261.95'

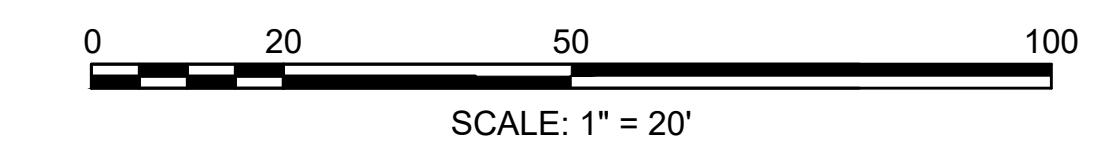
CONTINUED ON
SHEET NO. 23

CONTINUED ON
SHEET NO. 25

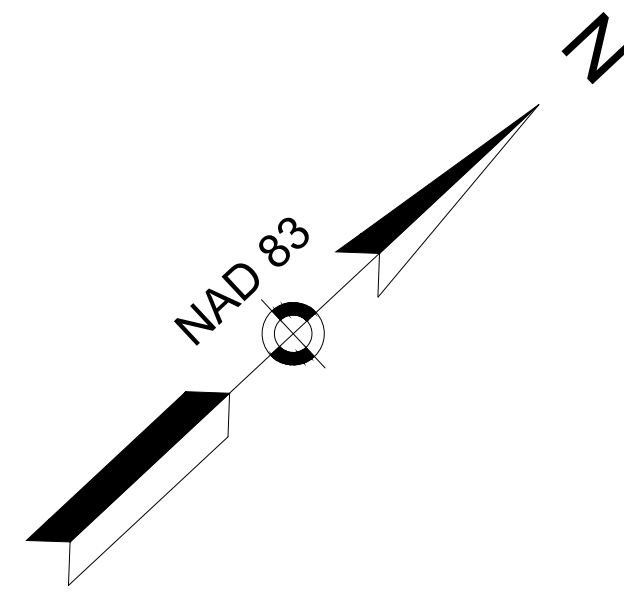


24
N: 2978995.860'
E: 297043.240'
EL: 1264.273'
MAGNAIL

OFF DAMON POND ROAD
CHRISTINA GUSEK
BK. 12593 PG. 128



608886_HD\CONSTR\BASELINE TIES.DWG Plotted on 21-Feb-2024 6:02 PM



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	25	282

PROJECT FILE NO. 608886
CONSTRUCTION BASELINE TIES
SHEET 20 OF 24

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±

CONTINUED ON
SHEET NO. 24

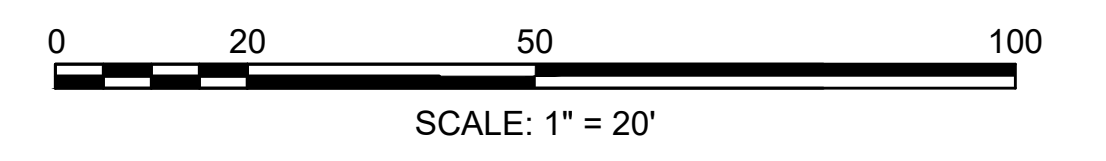
CONTINUED ON
SHEET NO. 26

BENCHMARK: NAIL IN TREE
EL=1285.53'

N 2979308.0022
E 297321.0010

25
N: 2979414.348'
E: 297447.402'
EL: 1289.172'
MAGNAIL

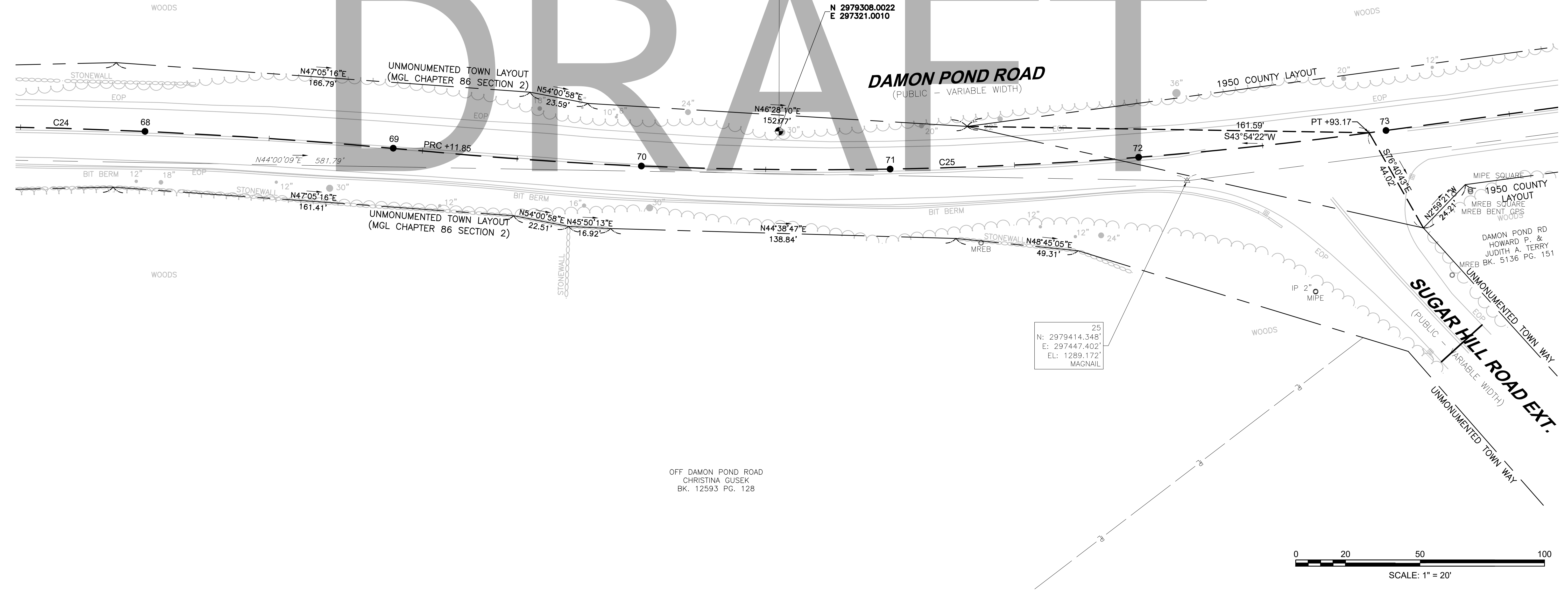
OFF DAMON POND ROAD
CHRISTINA GUSEK
BK. 12593 PG. 128

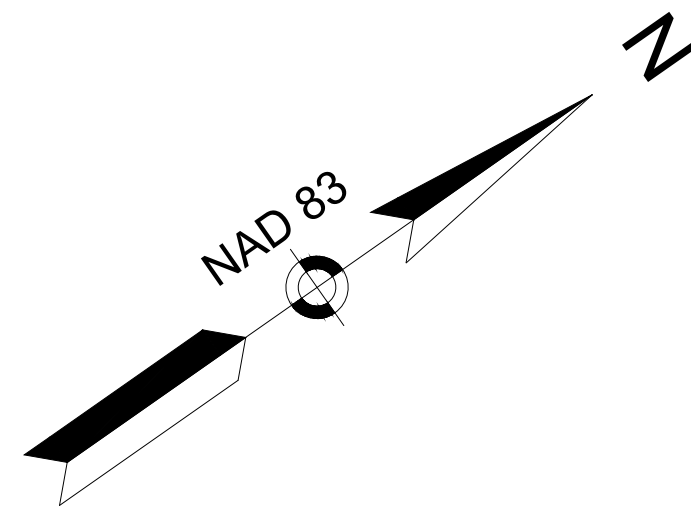


DRAFT

DAMON POND ROAD
(PUBLIC - VARIABLE WIDTH)

SUGAR HILL ROAD EXT.
(PUBLIC - VARIABLE WIDTH)





**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	26	282
PROJECT FILE NO.		608886	

**CONSTRUCTION BASELINE TIES
SHEET 21 OF 24**

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±

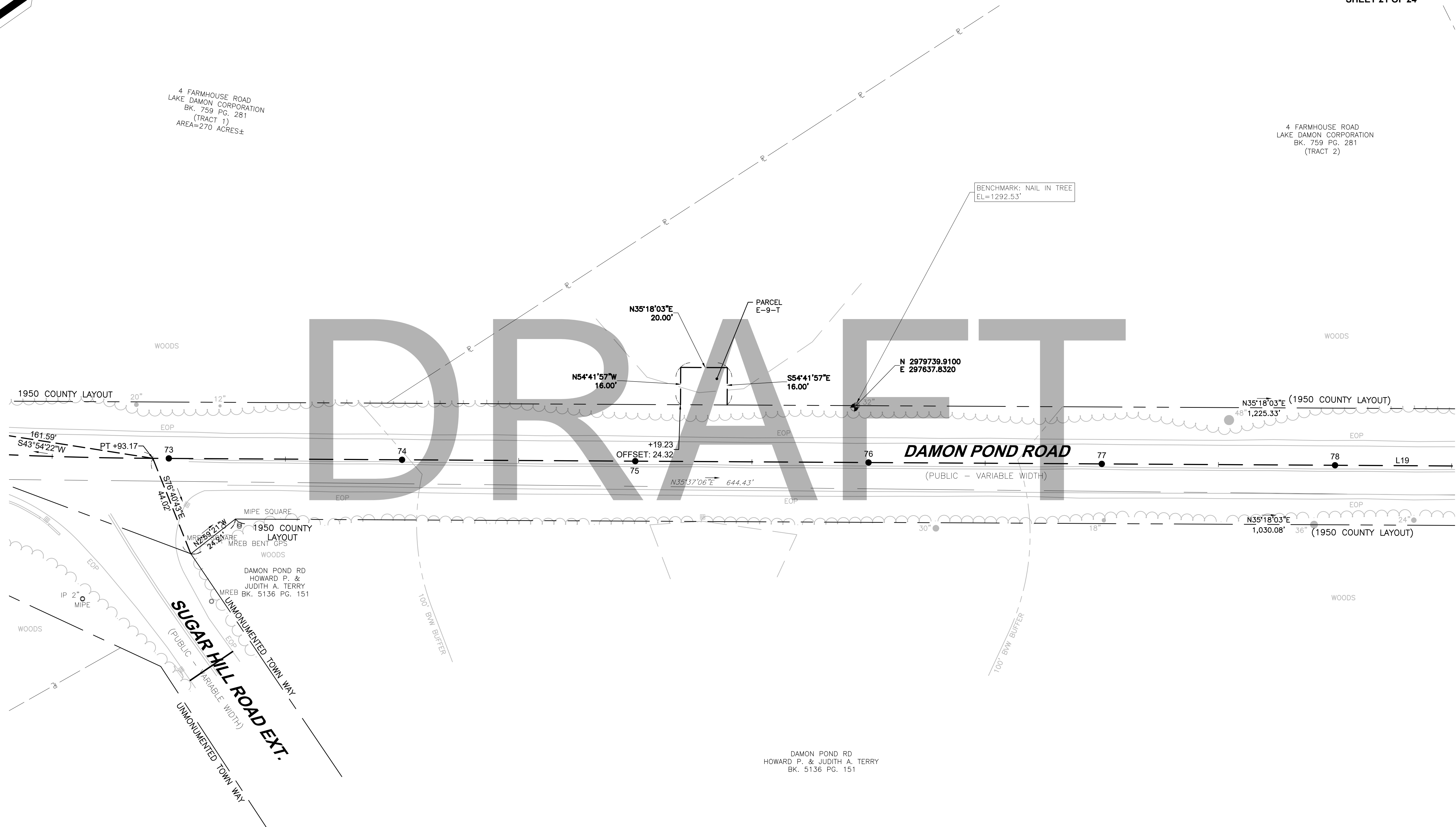
4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 2)

BENCHMARK: NAIL IN TREE
EL=1292.53'

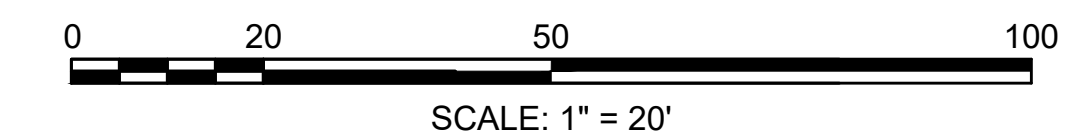
DRAFT

CONTINUED ON
SHEET NO. 25

CONTINUED ON
SHEET NO. 27



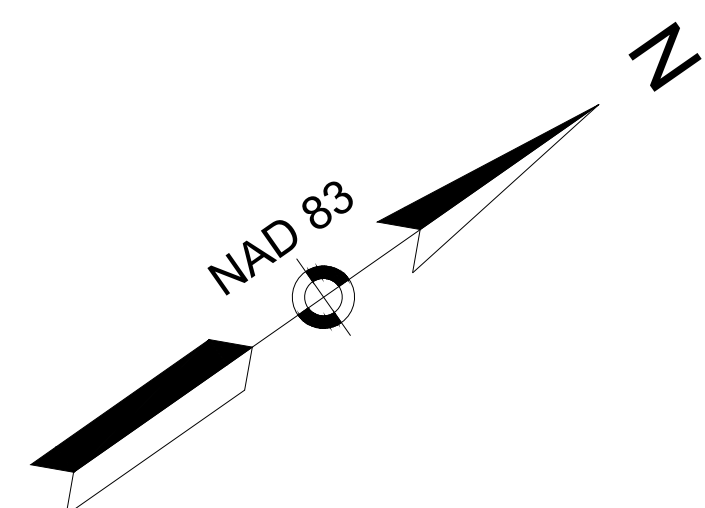
DAMON POND RD
HOWARD P. & JUDITH A. TERRY
BK. 5136 PG. 151



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	27	282
PROJECT FILE NO.		608886	

**CONSTRUCTION BASELINE TIES
SHEET 22 OF 24**



4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 2)

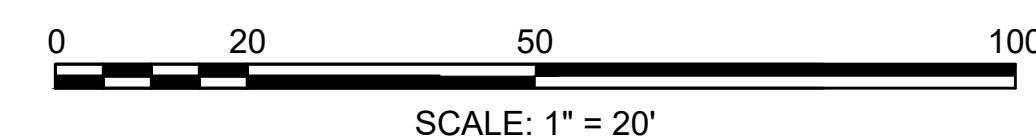
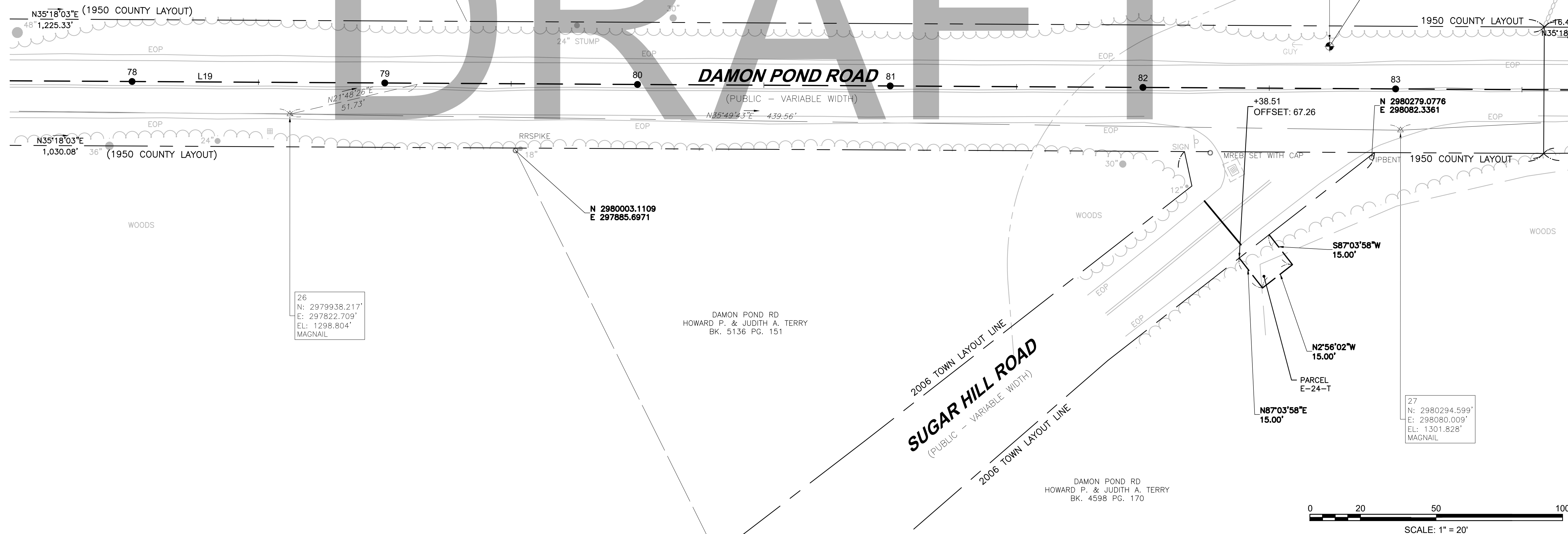
4 FARMHOUSE RD
LAKE DAMON CORPORATION
BK. 759 PG. 281

BENCHMARK: NAIL IN UP
EL=1304.03'

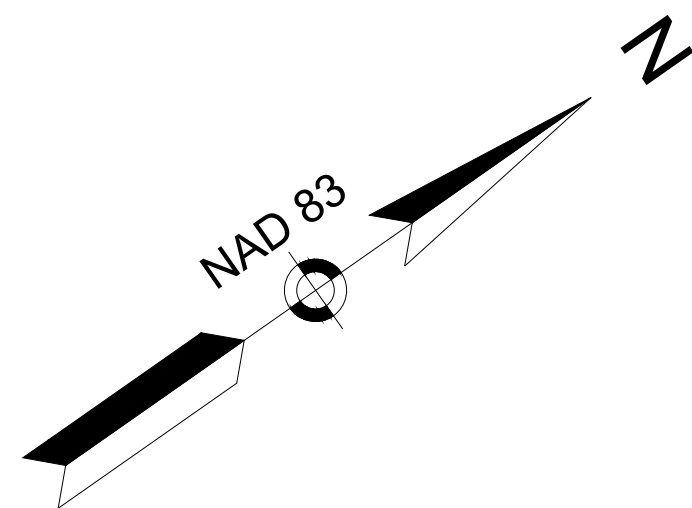
DRAFT

CONTINUED ON
SHEET NO. 26

CONTINUED ON
SHEET NO. 28



608886_HD\CONSTR\BASELINE TIES.DWG Plotted on 21-Feb-2024 6:02 PM



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	28	282

PROJECT FILE NO. 608886
CONSTRUCTION BASELINE TIES
SHEET 23 OF 24

DAMON POND ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C26	84+90.30	2980457.626	298175.586	R=666.00' Δ=25°43'13" L=298.97' T=152.05'		87+89.27	2980655.245	298396.581
C27	87+89.27	2980655.245	298396.581	R=520.00' Δ=27°54'07" L=253.23' T=129.18'		90+42.51	2980825.909	298580.271
C28	90+42.51	2980825.909	298580.271	R=780.00' Δ=16°41'01" L=227.12' T=114.37'		92+69.63	2981031.337	298675.247
L20	92+69.63	2981031.337	298675.247		N16°28'15"E 185.93'	94+55.56	2981209.641	298727.965

4 FARMHOUSE RD
LAKE DAMON CORPORATION
BK. 759 PG. 281

BENCHMARK: NAIL IN UP
EL=1301.35'

28
N: 2980550.037'
E: 298239.695'
EL: 1300.234'
MAGNAIL

4 FARMHOUSE RD
LAKE DAMON CORPORATION
BK. 759 PG. 281

CONTINUED ON
SHEET NO. 27

CONTINUED ON
SHEET NO. 29



BENCHMARK: NAIL IN UP
EL=1304.03'

N 2980290.6374
E 298036.7377

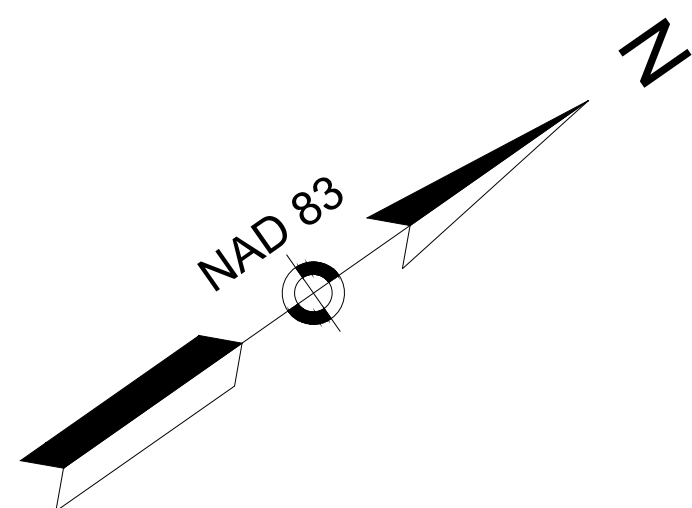
N 2980279.0776
E 298082.3361

27
N: 2980294.599'
E: 298080.009'
EL: 1301.828'
MAGNAIL

N 2980602.9640
E 298287.8394

DAMON POND RD
HOWARD P. & JUDITH A. TERRY
BK. 4598 PG. 170

SCALE: 1" = 20'



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	29	282

PROJECT FILE NO. 608886
**CONSTRUCTION BASELINE TIES
SHEET 24 OF 24**

4 FARMHOUSE RD
LAKE DAMON CORPORATION
BK. 759 PG. 281

DAMON POND RD
ELEM. NJUR
BK. 5616 PG. 89

PROJECT END
STA 93+03.50
DAMON POND RD
N2981063.8212
E298684.8515

BENCHMARK: NAIL IN UP
EL=1318.62'

DAMON POND RD
JAMES J. & CASSANDRA L. MORREY
BK. 8275 PG. 42
N 2981035.6730
E 298659.1306

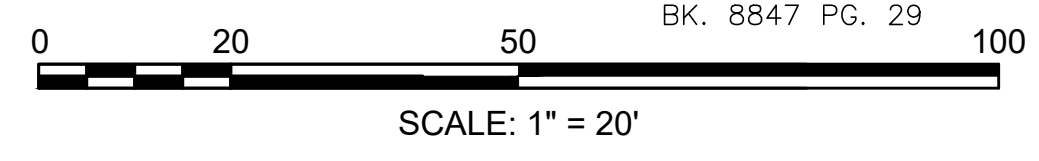
GRASS
N 2981088.9467
E 298712.9229

N 2980901.4931
E 298646.8649

29
N: 2980836.522'
E: 298600.395'
EL: 1307.808'
MAGNAIL

157 DAMON POND RD
JANE M. HARPOLE
BK. 7716 PG. 341

153 DAMON POND RD
KATHLEEN ANN SULLIVAN &
JAN CHRISTINE SULLIVAN TRUSTEES OF THE
BARBARA J. SULLIVAN IRREVOCABLE TRUST
BK. 8847 PG. 29



DRAFT

DAMON POND ROAD
(PUBLIC - VARIABLE WIDTH)

CHESTERFIELD
GOSHEN

WEST STREET
(PUBLIC - VARIABLE WIDTH)

TOWN LINE

CONTINUED ON
SHEET NO. 28

CONTINUED ON
SHEET NO. 28

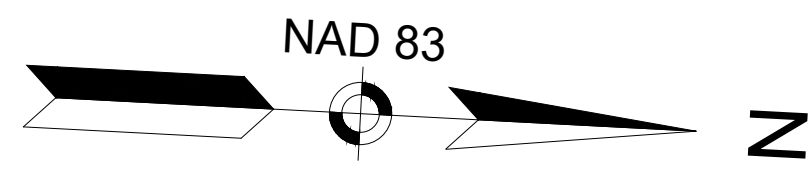
608886_HD\CONSTR\BASELINE TIES.DWG Plotted on 21-Feb-2024 6:02 PM

HIGHWAY GUARD DETAILS NONE
 TRAFFIC SIGNAL CONDUIT SEE BELOW
 WATER SUPPLY ALTERATIONS SEE BELOW
 DRAINAGE DETAILS SEE UTILITY PLANS
 HMA BERM MOD-A STA 103+5 LT TO STA 103+72 LT

**CHESTERFIELD
 NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	30	282
PROJECT FILE NO. 608886			

**CONSTRUCTION PLANS
 SHEET 01 OF 24**



PROJECT BEGIN
 STA 102+20
 N2970701.8543
 E293972.1803

409 MAIN ROAD
 ERIN M. MCENANEY
 NICOLAS A. FRISCHET
 BK. 9454 PG. 346
 218+42.10 1962 STATE HIGHWAY BASELINE=
 101+58.76 NORTH ROAD CONST BL

BENCHMARK: NAIL IN UP
 EL=1427.37'

3 NORTH ROAD
 THE INHABITANTS OF
 THE TOWN OF CHESTERFIELD
 BK. 1089 PG. 434
 "THE EDWARDS MEMORIAL MUSEUM"

5 NORTH ROAD
 THE INHABITANTS
 OF THE TOWN OF
 CHESTERFIELD
 BK. 1342 PG. 129

PROP TREE & PLANT
 PROTECTION FENCE (TYP)
 9 NORTH ROAD
 THE FIRST CONGREGATIONAL
 CHURCH OF CHESTERFIELD
 BK. 1481 PG. 532

SOUTH STREET
 (PUBLIC - VARIABLE WIDTH)

NORTH ROAD
 (PUBLIC - 66' WIDE)

MAIN ROAD (ROUTE 143)
 (PUBLIC - 80' WIDE)

NOVEMBER 25, 1964 TOWN LAYOUT
 (FORMERLY JANUARY 9, 1962 SHLO #5446)

NOVEMBER 25, 1964 TOWN LAYOUT
 (FORMERLY JANUARY 9, 1962 SHLO #5446)

401 MAIN ROAD
 N/F
 THE INHABITANTS OF THE
 TOWN OF CHESTERFIELD
 BK. 1829 PG. 12

404 MAIN ROAD
 THE FIRST CONGREGATIONAL
 CHURCH OF CHESTERFIELD
 BK. 3558 PG. 190
 PLAN BK. 166 PG. 126

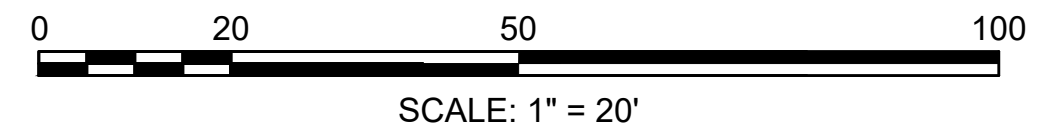
412 MAIN ROAD
 N/F
 FRANCIS L. JR. &
 DENISE MYERS LEDUC
 BK. 3248 PG. 270

403 MAIN ROAD
 N/F
 TOWN OF CHESTERFIELD
 BK. N/A PG. N/A

N: 2970604.124'
 E: 293989.310'
 EL: 1430.684'
 SPIKE

2
 N: 2970998.799'
 E: 293997.374'
 EL: 1422.187'
 SPIKE

- NOTES:**
- THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 - ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.



FOR PROFILE SEE SHEET NO. 54

CONTINUED ON
 SHEET NO. 31

608886_HDCONSTR PLANS.DWG Plotted on 21-Feb-2024 6:02 PM

HIGHWAY GUARD DETAILS

TRAFFIC SIGNAL CONDUIT

WATER SUPPLY ALTERATIONS

DRAINAGE DETAILS

HMA BERM MOD-A

NONE

SEE BELOW

SEE BELOW

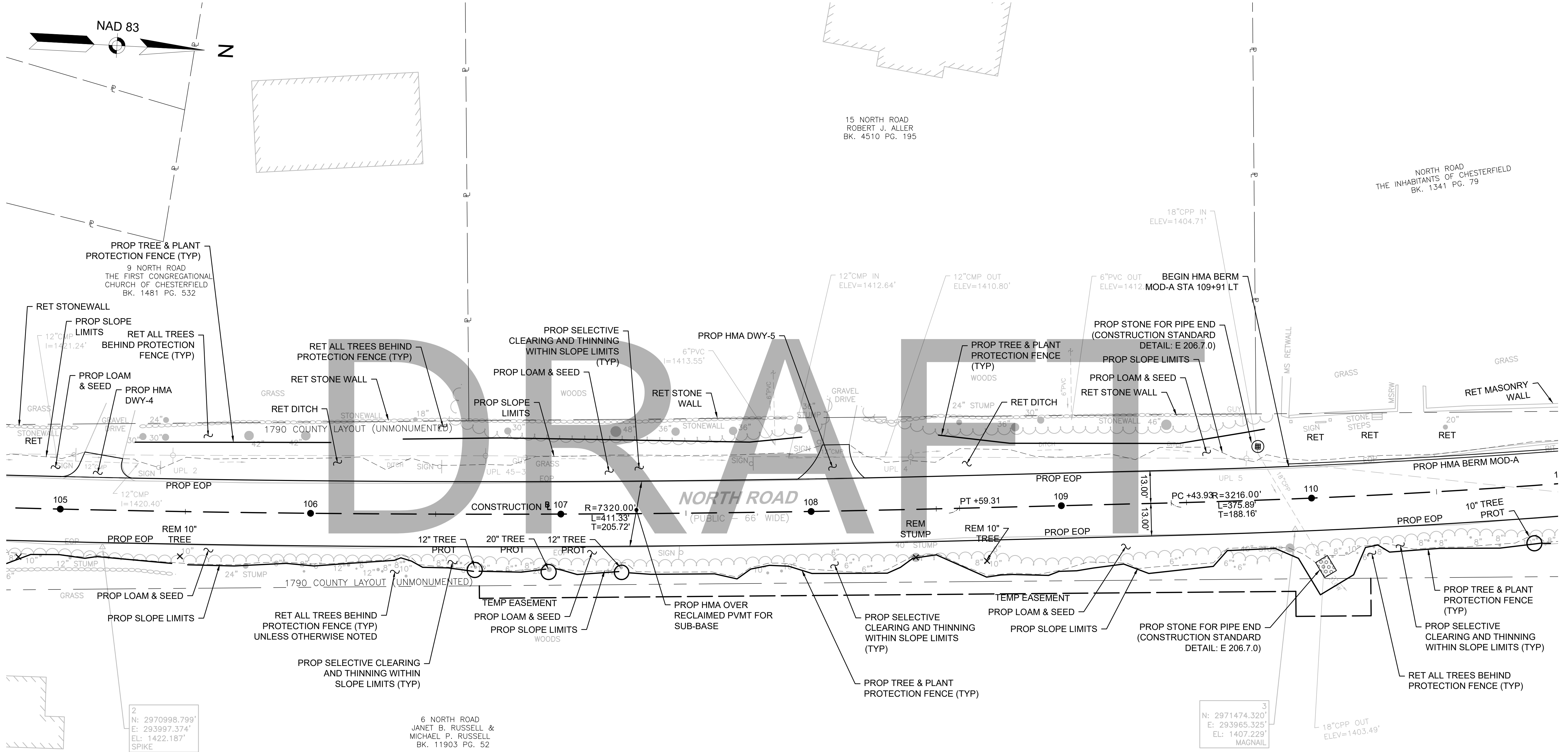
SEE UTILITY PLANS

STA 109+91 LT TO STA 113+34 LT

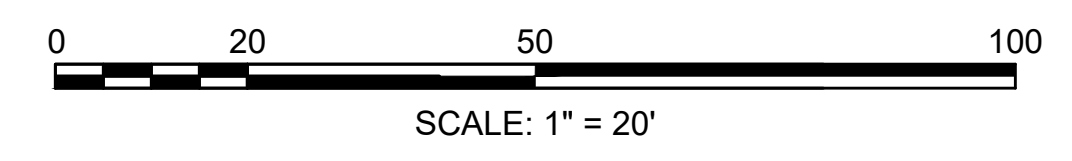
CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	31	282
PROJECT FILE NO.		608886	

CONSTRUCTION PLANS
SHEET 02 OF 24



- NOTES:**
- THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 - ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.



FOR PROFILE SEE SHEET NO. 55

CONTINUED ON
SHEET NO. 30

CONTINUED ON
SHEET NO. 32

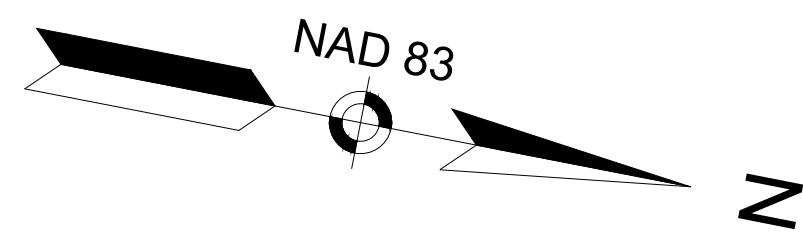
608886_HD\CONSTR\PLANS\DWG Plotted on: 21-Feb-2024 6:02 PM

HIGHWAY GUARD DETAILS NONE
 TRAFFIC SIGNAL CONDUIT SEE BELOW
 WATER SUPPLY ALTERATIONS SEE BELOW
 DRAINAGE DETAILS SEE UTILITY PLANS
 HMA BERM MOD-A NONE

**CHESTERFIELD
 NORTH ROAD & DAMON POND ROAD**

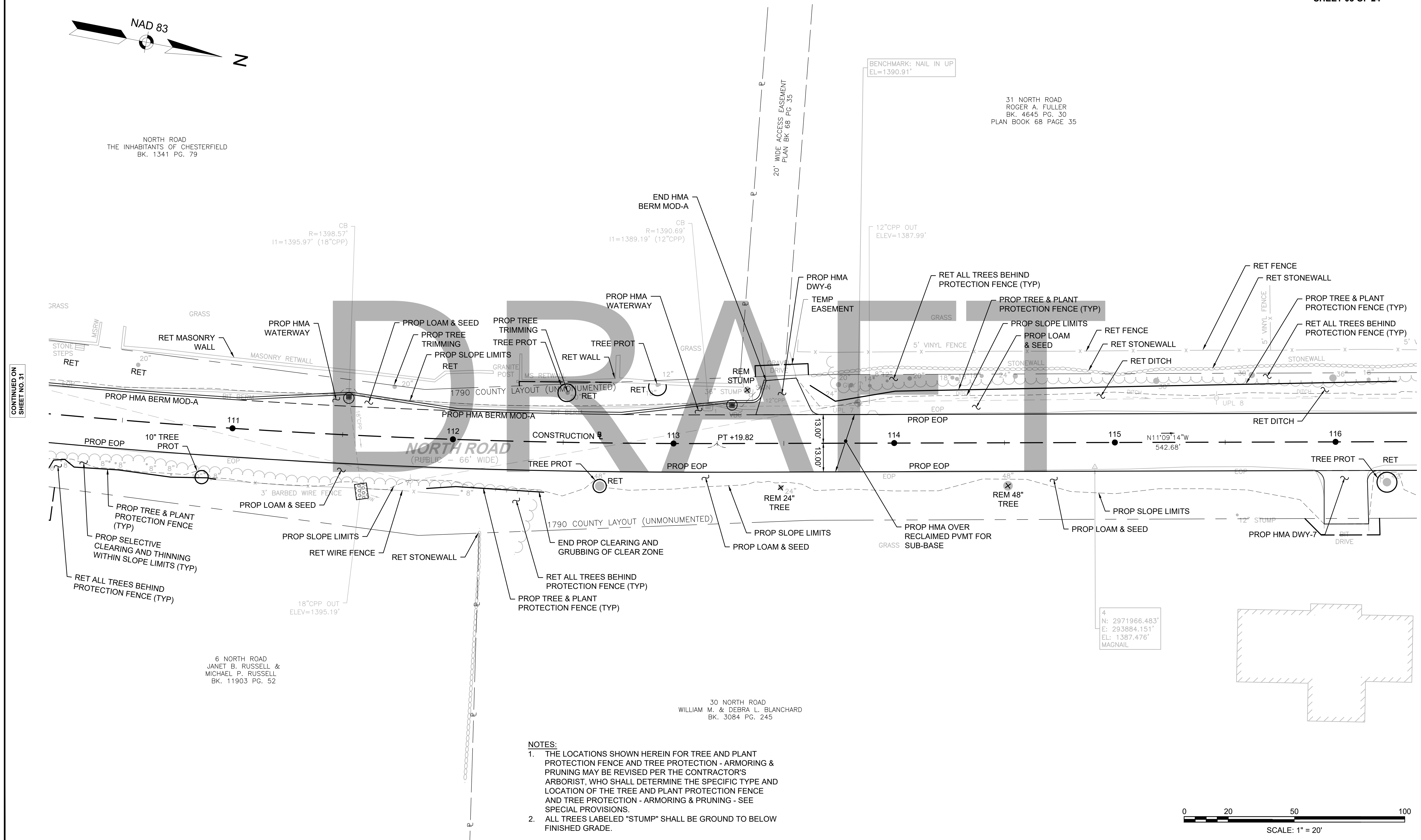
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	32	282
PROJECT FILE NO. 608886			

**CONSTRUCTION PLANS
 SHEET 03 OF 24**



NORTH ROAD
 THE INHABITANTS OF CHESTERFIELD
 BK. 1341 PG. 79

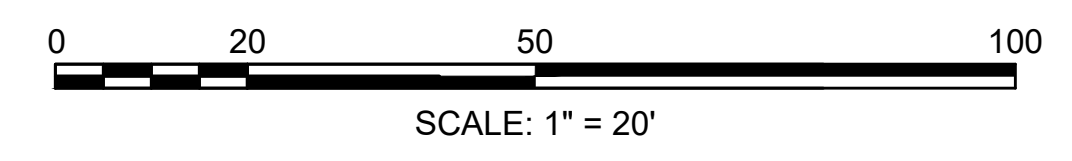
31 NORTH ROAD
 ROGER A. FULLER
 BK. 4645 PG. 30
 PLAN BOOK 68 PAGE 35



CONTINUED ON
 SHEET NO. 31

CONTINUED ON
 SHEET NO. 33

- NOTES:**
1. THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 2. ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.



FOR PROFILE SEE SHEET NO. 56

608886_HDCONSTR PLANS.DWG Plotted on 21-Feb-2024 6:02 PM

HIGHWAY GUARD DETAILS

TRAFFIC SIGNAL CONDUIT

WATER SUPPLY ALTERATIONS

DRAINAGE DETAILS

HMA BERM MOD-A

NONE

SEE BELOW

SEE BELOW

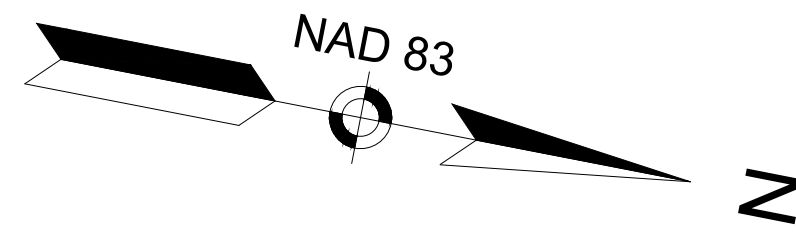
SEE UTILITY PLANS

STA 119+15 LT TO STA 128+54 LT

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	33	282
PROJECT FILE NO.		608886	

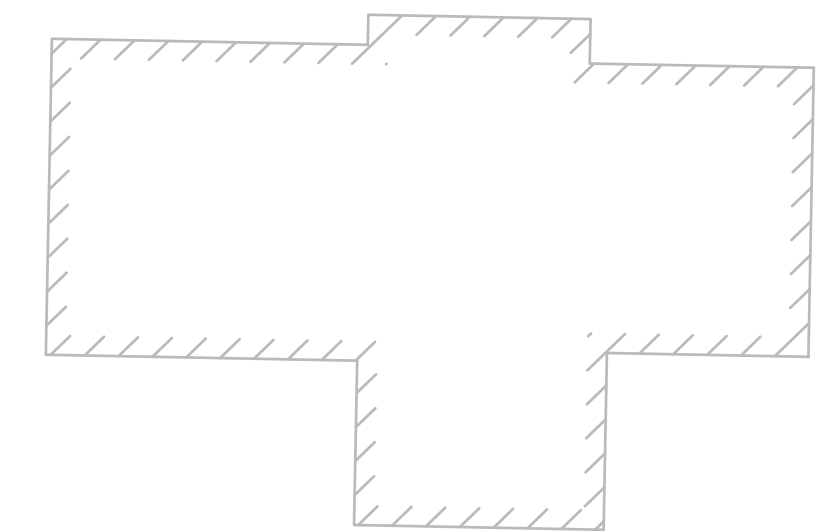
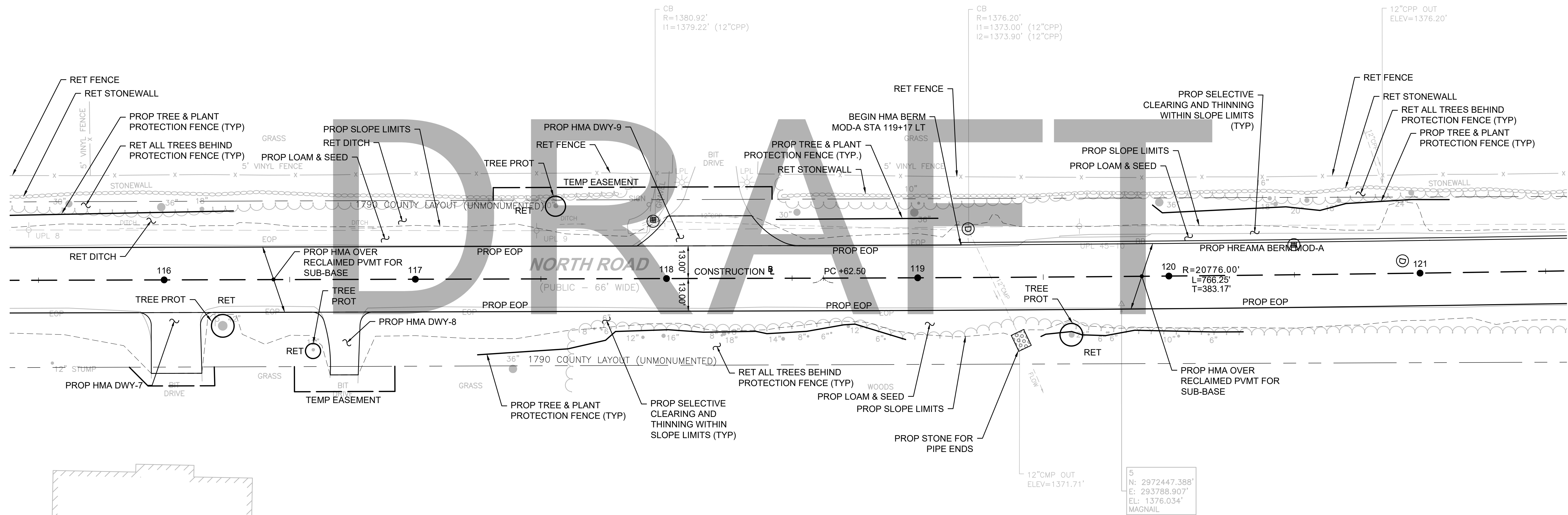
CONSTRUCTION PLANS
SHEET 04 OF 24



31 NORTH ROAD
ROGER A. FULLER
BK. 4645 PG. 30
PLAN BOOK 68 PAGE 35

CONTINUED ON
SHEET NO. 32

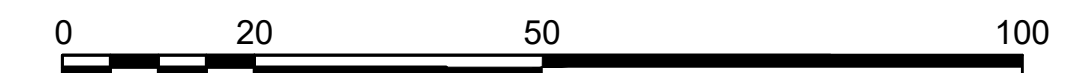
CONTINUED ON
SHEET NO. 34



NOTES:

1. THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
2. ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.

30 NORTH ROAD
WILLIAM M. & DEBRA L. BLANCHARD
BK. 3084 PG. 245



SCALE: 1" = 20'

FOR PROFILE SEE SHEET NO. 57

608886_HD\CONSTR\PLANS\DWG Plotted on 21-Feb-2024 6:02 PM

HIGHWAY GUARD DETAILS

TRAFFIC SIGNAL CONDUIT

WATER SUPPLY ALTERATIONS

DRAINAGE DETAILS

HMA BERM MOD-A

NONE

SEE BELOW

SEE BELOW

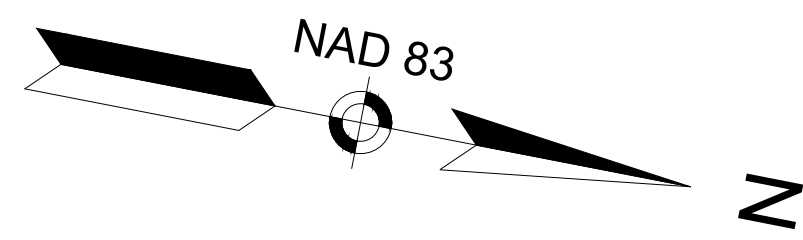
SEE UTILITY PLANS

STA 119+15 LT TO STA 128+54 LT

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	34	282
PROJECT FILE NO. 608886			

CONSTRUCTION PLANS
SHEET 05 OF 24



31 NORTH ROAD
ROGER A. FULLER
BK. 4645 PG. 30
PLAN BOOK 68 PAGE 35

NORTH ROAD
ROGER A. FULLER
BK. 11069 PG. 48
PLAN BOOK 266 PG. 69

CB
R=1332.00'
I1=1328.20' (18"CMP)
I2=1328.70' (10"CPP)

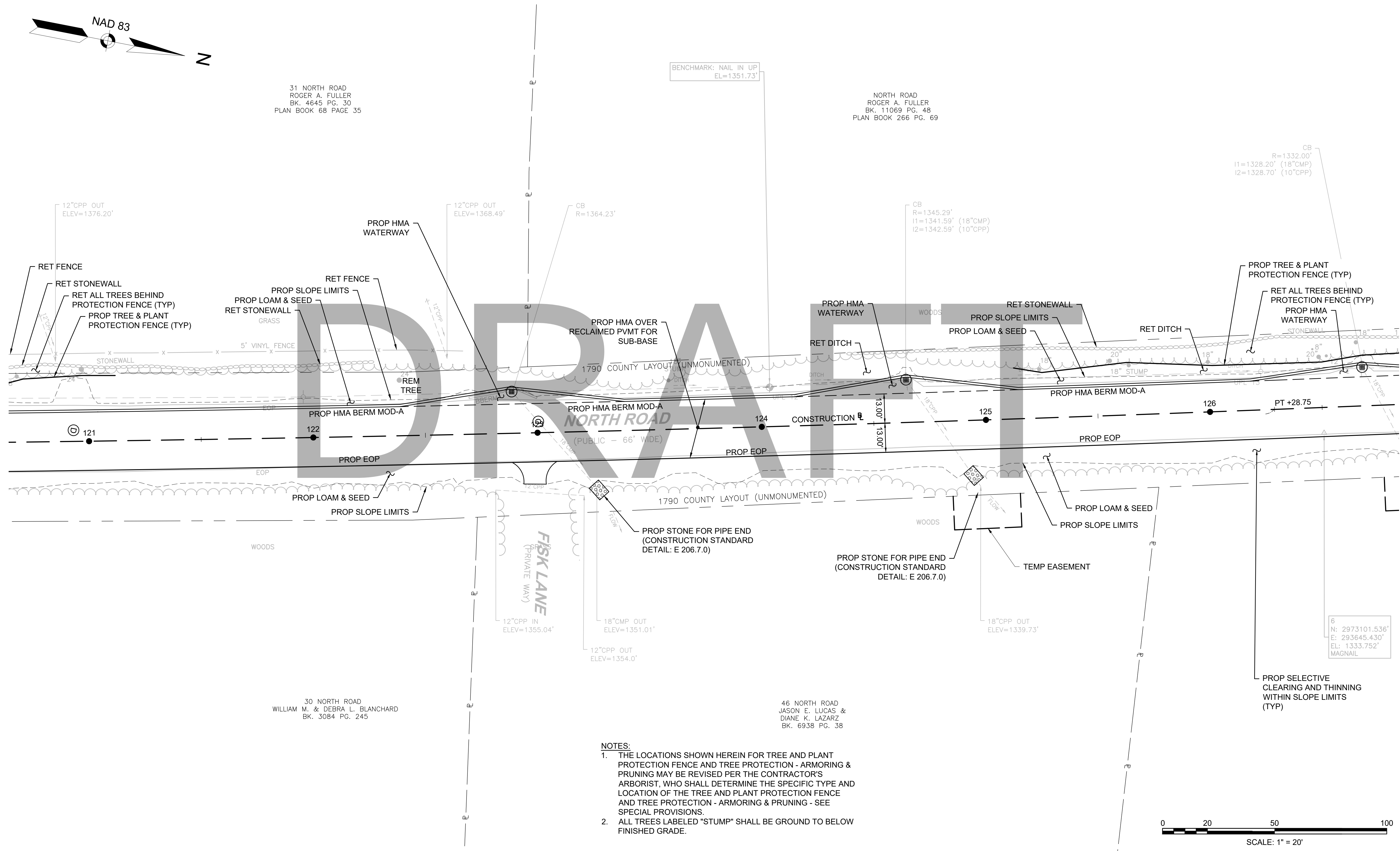
BENCHMARK: NAIL IN UP
EL=1351.73'

CB
R=1345.29'
I1=1341.59' (18"CMP)
I2=1342.59' (10"CPP)

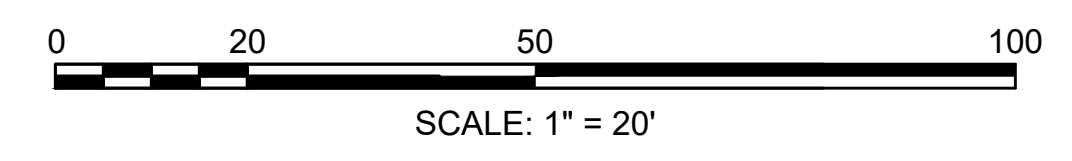
CB
R=1364.23'

CONTINUED ON
SHEET NO. 33

CONTINUED ON
SHEET NO. 35



- NOTES:
1. THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 2. ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.



FOR PROFILE SEE SHEET NO. 58

608886_HDCONSTR PLANS.DWG Plotted on 21-Feb-2024 6:03 PM

HIGHWAY GUARD DETAILS
 GUARDRAIL TANGENT END TREATMENT, TL-3 131+90 RT TO 132+30 RT
 GUARDRAIL, TL-3 (SINGLE FACED) 132+30 RT TO 142+63 RT
 USE DEEP POSTS FROM STA 131+90 RT TO 142+73 RT

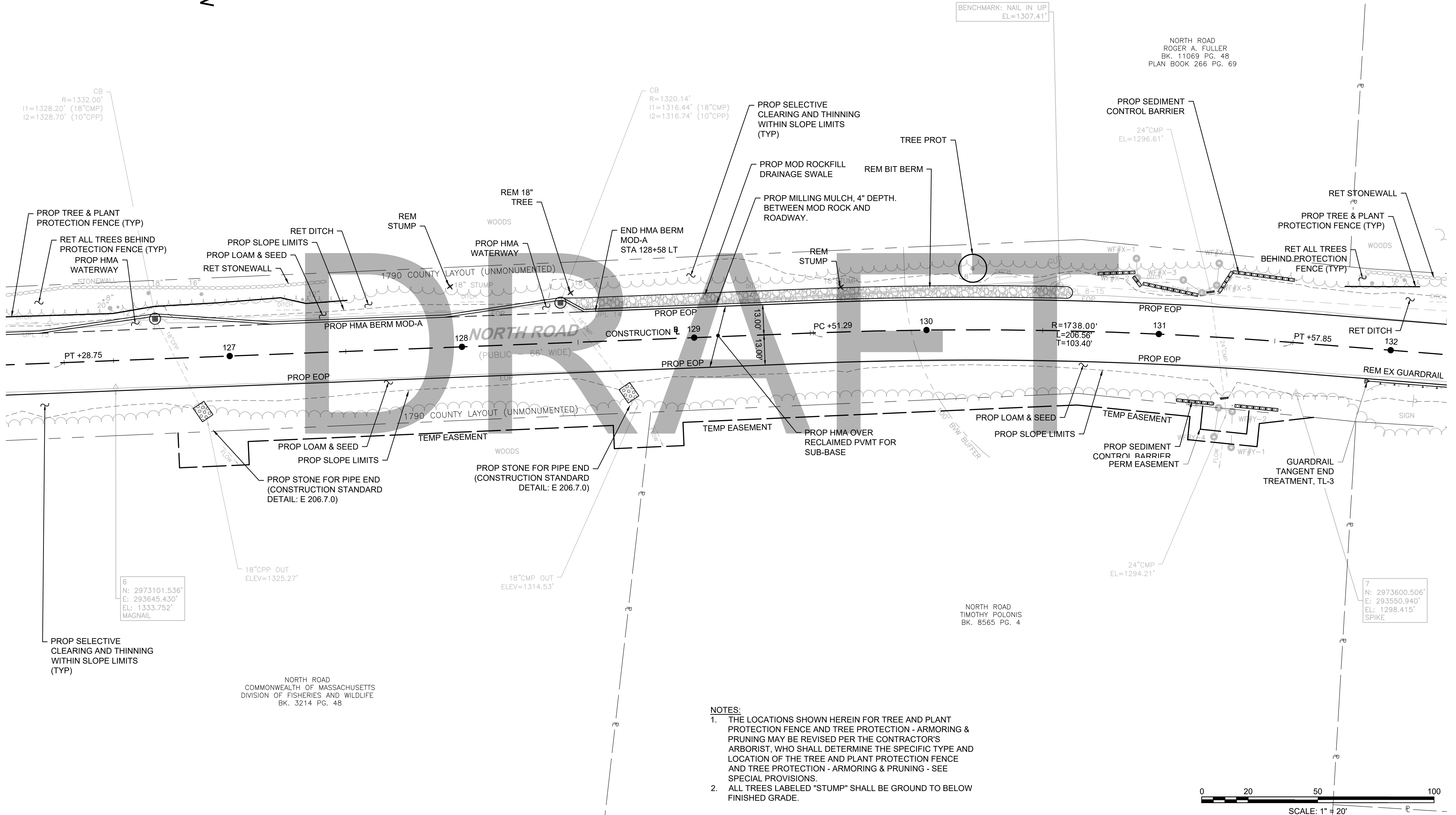
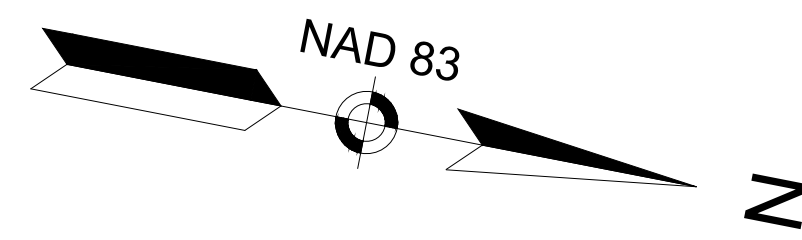
TRAFFIC SIGNAL CONDUIT SEE BELOW
WATER SUPPLY ALTERATIONS SEE BELOW
DRAINAGE DETAILS SEE UTILITY PLANS
HMA BERM MOD-A STA 119+15 LT TO STA 128+54 LT

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	35	282

PROJECT FILE NO. 608886

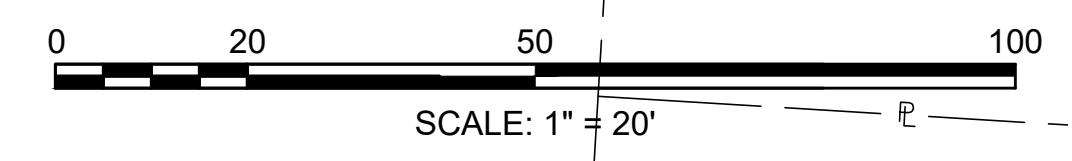
CONSTRUCTION PLANS
SHEET 06 OF 24



CONTINUED ON SHEET NO. 34

CONTINUED ON SHEET NO. 36

- NOTES:**
- THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 - ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.



FOR PROFILE SEE SHEET NO. 59

6
 N: 2973101.536'
 E: 293645.430'
 EL: 1333.752'
 MAGNAIL

NORTH ROAD
 COMMONWEALTH OF MASSACHUSETTS
 DIVISION OF FISHERIES AND WILDLIFE
 BK. 3214 PG. 48

NORTH ROAD
 TIMOTHY POLONIS
 BK. 8565 PG. 4

7
 N: 2973600.506'
 E: 293550.940'
 EL: 1298.415'
 SPIKE

608886_HD\\CONSTR\\PLANS\\DWG Plotted on 21-Feb-2024 6:03 PM

HIGHWAY GUARD DETAILS
 GUARDRAIL TANGENT END TREATMENT, TL-3 131+90 RT TO 132+30 RT
 GUARDRAIL, TL-3 (SINGLE FACED) 132+30 RT TO 142+63 RT
 USE DEEP POSTS FROM STA 131+90 RT TO 142+73 RT

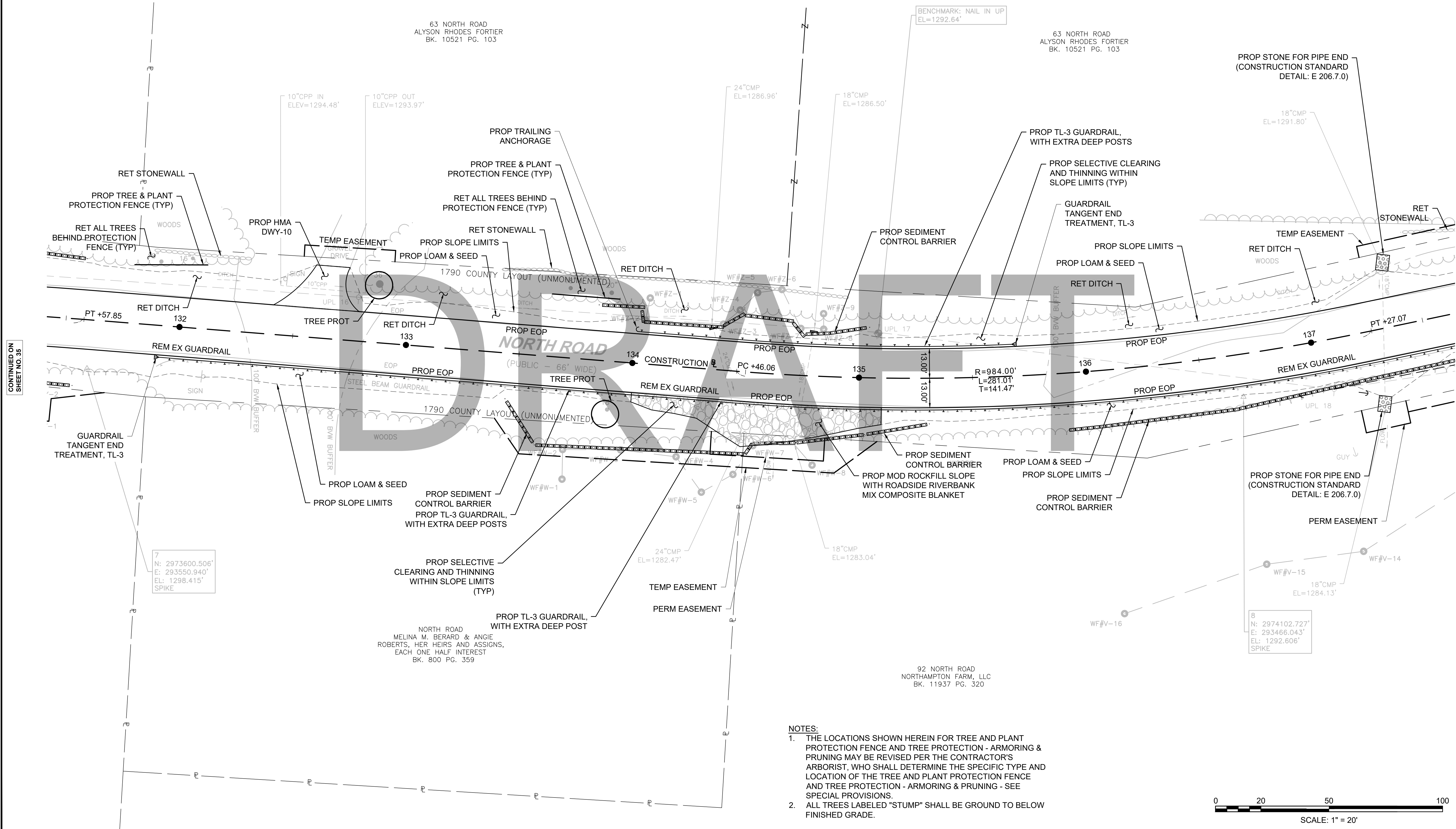
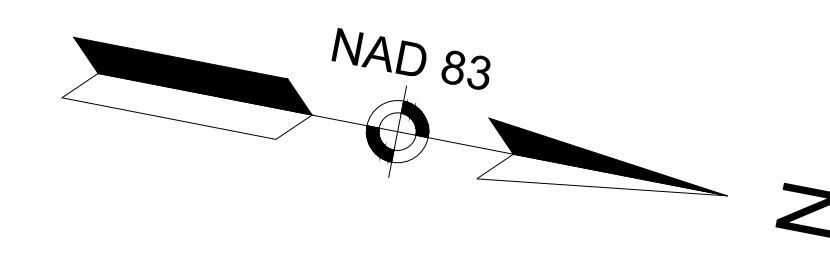
TRAILING ANCHORAGE 134+01 LT TO 134+10 LT
 GUARDRAIL, TL-3 (SINGLE FACED) 134+10 LT TO 135+29 LT
 GUARDRAIL TANGENT END TREATMENT, TL-3 135+29 LT TO 135+70 LT
 USE DEEP POSTS FROM STA 134+01 LT TO 135+70 LT

TRAFFIC SIGNAL CONDUIT SEE BELOW
 WATER SUPPLY ALTERATIONS SEE BELOW
 DRAINAGE DETAILS SEE UTILITY PLANS
 HMA BERM MOD-A NONE

CHESTERFIELD
 NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	36	282
PROJECT FILE NO.		608886	

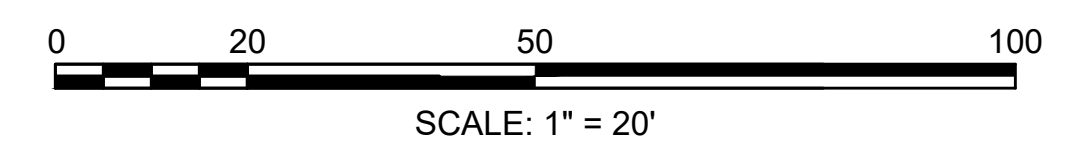
CONSTRUCTION PLANS
 SHEET 07 OF 24



CONTINUED ON
 SHEET NO. 35

CONTINUED ON
 SHEET NO. 37

- NOTES:
- THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 - ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.



FOR PROFILE SEE SHEET NO. 60

HIGHWAY GUARD DETAILS
 GUARDRAIL, TL-3 (SINGLE FACED) 132+30 RT TO 142+63 RT
 TRAILING ANCHORAGE 142+63 RT TO 142+73 RT
 USE DEEP POSTS FROM STA 131+90 RT TO 142+73 RT

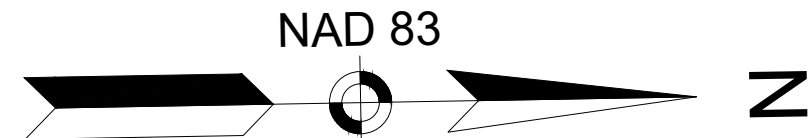
TRAILING ANCHORAGE 140+95 LT TO 141+04 LT
 GUARDRAIL, TL-3 (SINGLE FACED) 141+04 LT TO 141+79 LT
 GUARDRAIL TANGENT END TREATMENT, TL-3 141+79 LT TO 142+19 LT
 USE DEEP POSTS FROM STA 140+95 LT TO 142+19 LT

TRAFFIC SIGNAL CONDUIT SEE BELOW
 WATER SUPPLY ALTERATIONS SEE BELOW
 DRAINAGE DETAILS SEE UTILITY PLANS
 HMA BERM MOD-A NONE

CHESTERFIELD
 NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	37	282
PROJECT FILE NO. 608886			

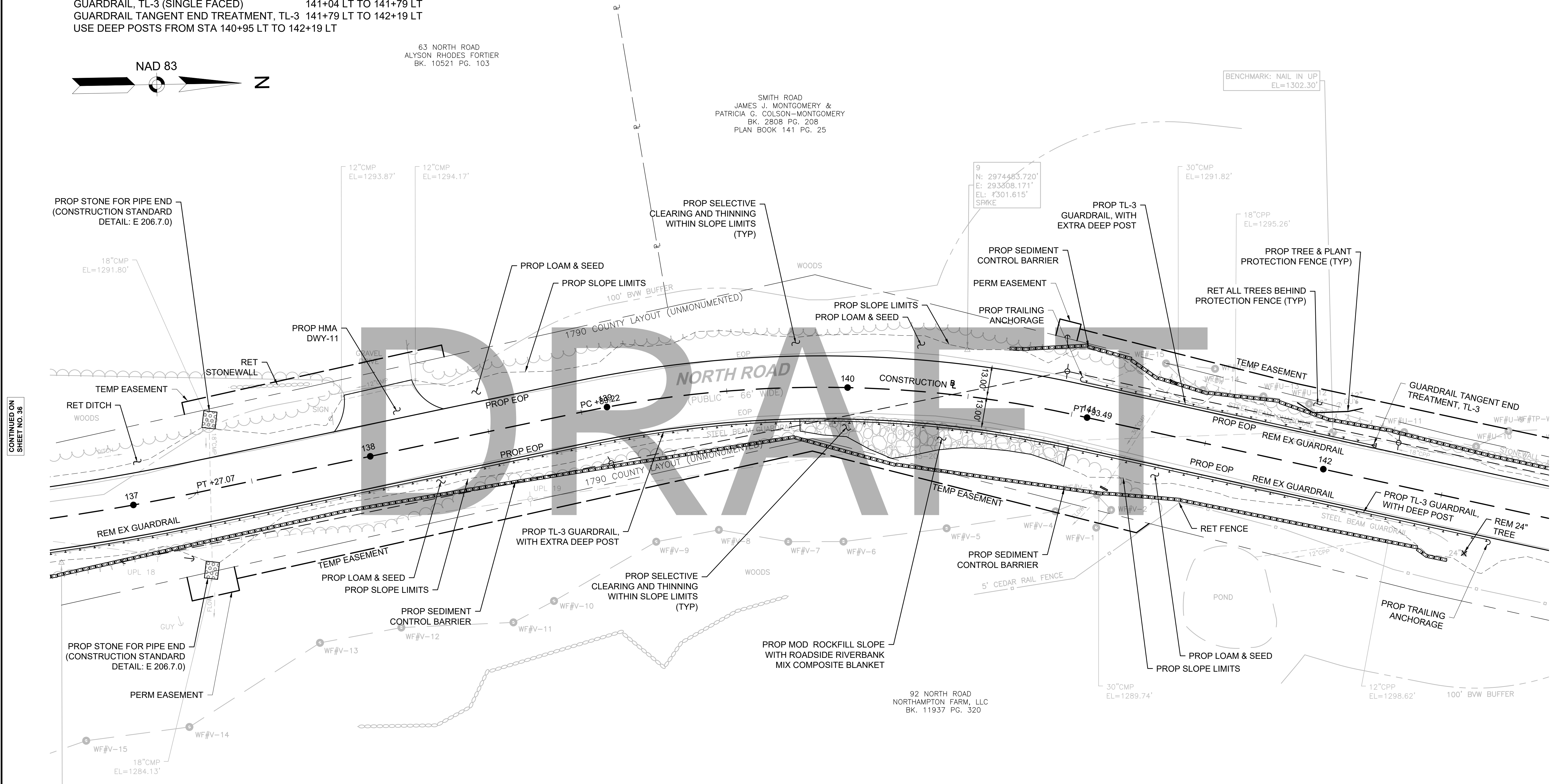
CONSTRUCTION PLANS
 SHEET 08 OF 24



63 NORTH ROAD
 ALYSON RHODES FORTIER
 BK. 10521 PG. 103

SMITH ROAD
 JAMES J. MONTGOMERY &
 PATRICIA G. COLSON-MONTGOMERY
 BK. 2808 PG. 208
 PLAN BOOK 141 PG. 25

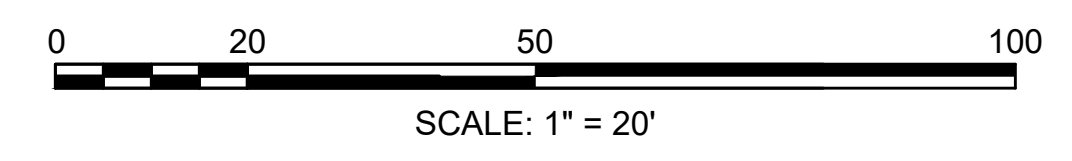
BENCHMARK: NAIL IN UP
 EL=1302.30'



CONTINUED ON
 SHEET NO. 36

CONTINUED ON
 SHEET NO. 38

- NOTES:
1. THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 2. SEE SPECIAL PROVISIONS FOR TYPE OF SEEDING.
 3. ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.



FOR PROFILE SEE SHEET NO. 61

608886_HD(CONSTR) PLANS.DWG Plotted on 21-Feb-2024 6:03 PM

HIGHWAY GUARD DETAILS
 GUARDRAIL, TL-3 (SINGLE FACED) 132+30 RT TO 142+63 RT
 TRAILING ANCHORAGE 142+63 RT TO 142+73 RT
 USE DEEP POSTS FROM STA 131+90 RT TO 142+73 RT

GUARDRAIL, TL-3 (SINGLE FACED) 141+04 LT TO 141+79 LT
 GUARDRAIL TANGENT END TREATMENT, TL-3 141+79 LT TO 142+19 LT
 USE DEEP POSTS FROM STA 140+95 LT TO 142+19 LT

TRAFFIC SIGNAL CONDUIT
 SEE BELOW

WATER SUPPLY ALTERATIONS
 SEE BELOW

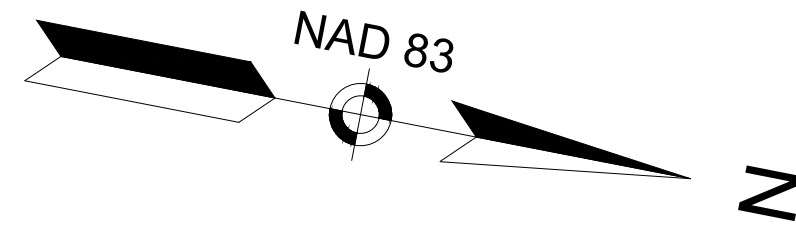
DRAINAGE DETAILS
 SEE UTILITY PLANS

HMA BERM MOD-A
 STA 144+71 LT (NORTH RD BL) TO STA 12+78 RT (DAMON POND RD BL)

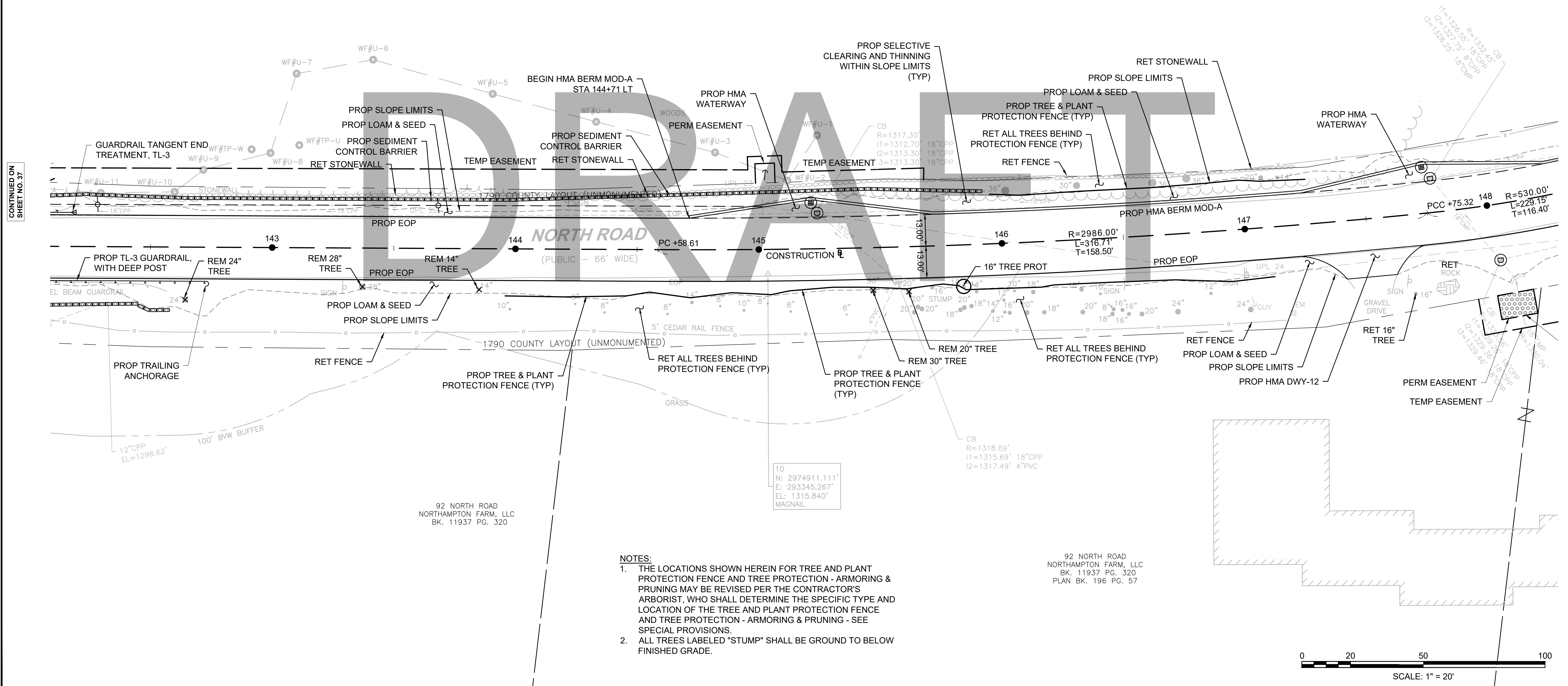
CHESTERFIELD
 NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	38	282
PROJECT FILE NO.		608886	

CONSTRUCTION PLANS
 SHEET 09 OF 24



SMITH ROAD
 JAMES J. MONTGOMERY &
 PATRICIA G. COLSON-MONTGOMERY
 BK. 2808 PG. 208
 PLAN BOOK 141 PG. 25

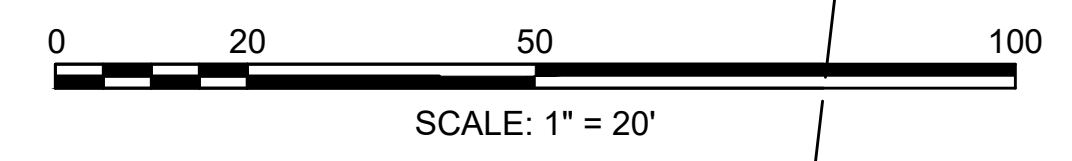


CONTINUED ON
 SHEET NO. 37

CONTINUED ON
 SHEET NO. 39

- NOTES:**
1. THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 2. ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.

92 NORTH ROAD
 NORTHAMPTON FARM, LLC
 BK. 11937 PG. 320
 PLAN BK. 196 PG. 57



FOR PROFILE SEE SHEET NO. 63

HIGHWAY GUARD DETAILS

TRAFFIC SIGNAL CONDUIT

WATER SUPPLY ALTERATIONS

DRAINAGE DETAILS

HMA BERM MOD-A

NONE

SEE BELOW

SEE BELOW

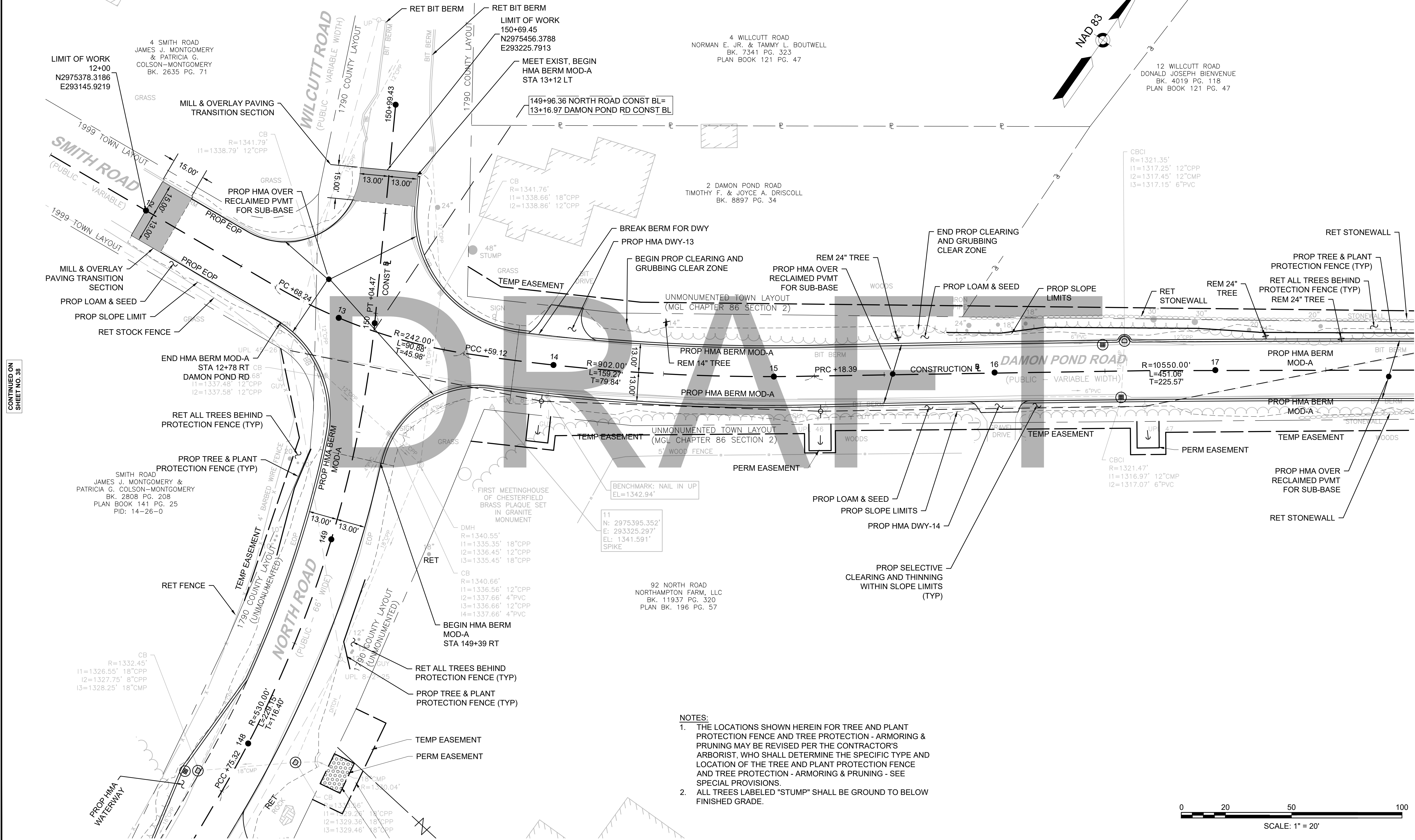
SEE UTILITY PLANS

STA 144+71 LT (NORTH RD BL) TO STA 12+78 RT (DAMON POND RD BL)
STA 13+82 LT (DAMON POND RD BL) TO STA 18+55 LT (DAMON POND RD BL)
STA 13+82 RT (DAMON POND RD BL) TO STA 19+53 RT (DAMON POND RD BL)

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	39	282
PROJECT FILE NO.		608886	

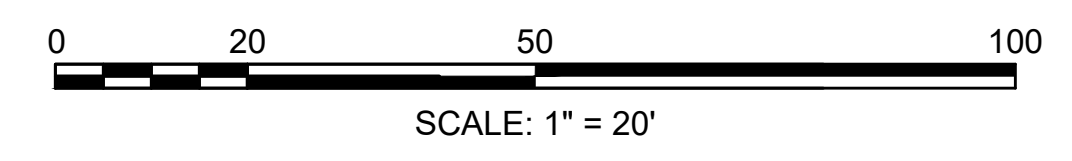
CONSTRUCTION PLANS
SHEET 10 OF 24



CONTINUED ON
SHEET NO. 38

CONTINUED ON
SHEET NO. 40

- NOTES:
1. THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 2. ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.



FOR PROFILE SEE SHEET NO. 64

608886_HDCONSTR_PLANS.DWG Plotted on 21-Feb-2024 6:03 PM

HIGHWAY GUARD DETAILS
 TRAILING ANCHORAGE 20+20 LT TO 20+29 RT
 GUARDRAIL, TL-3 (SINGLE FACED) 20+29 LT TO 21+15 LT
 GUARDRAIL TANGENT END TREATMENT, TL-3 21+15 LT TO 21+55 LT
 USE DEEP POSTS FROM STA 20+20 LT TO 21+55 LT

GUARDRAIL TANGENT END TREATMENT, TL-3 20+10 RT TO 20+50 RT
 GUARDRAIL, TL-3 (SINGLE FACE) 20+50 RT TO 21+20 RT
 TRAILING ANCHORAGE 21+20 RT TO 21+29 RT
 USE DEEP POSTS FROM STA 20+10 RT TO 21+29 RT

TRAFFIC SIGNAL CONDUIT
 SEE BELOW

WATER SUPPLY ALTERATIONS
 SEE BELOW

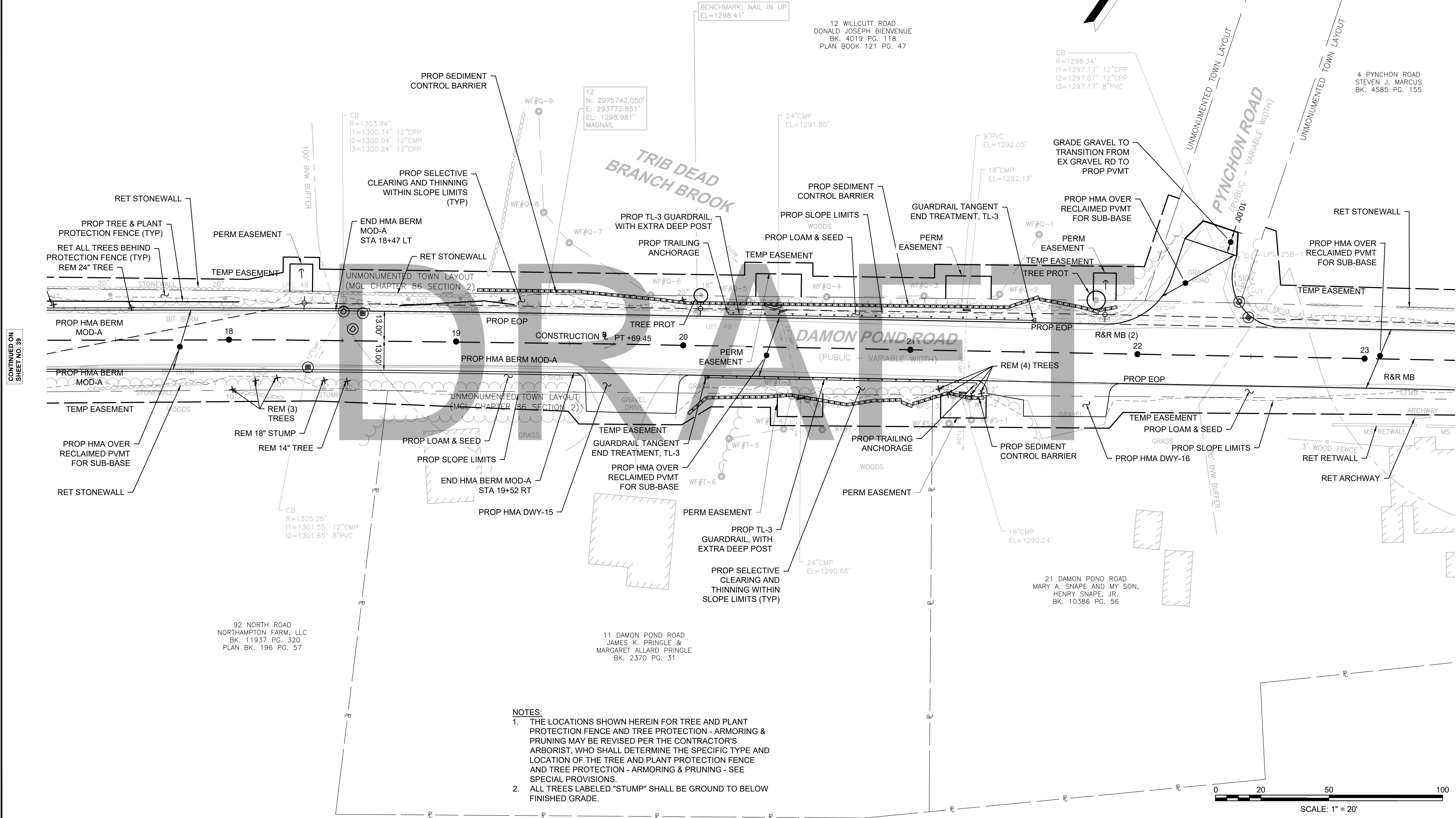
DRAINAGE DETAILS
 SEE UTILITY PLANS

HMA BERM MOD-A
 STA 13+82 LT TO STA 18+55 LT
 STA 13+82 RT TO STA 19+52 RT

**CHESTERFIELD
 NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	40	282

PROJECT FILE NO. 608886
**CONSTRUCTION PLANS
 SHEET 11 OF 24**



- NOTES:**
1. THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 2. ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.

CONTINUED ON SHEET NO. 39

CONTINUED ON SHEET NO. 41

608886_HDCONSTR PLANS.DWG Plotted on 21-Feb-2024 6:03 PM

FOR PROFILE SEE SHEET NO. 65

HIGHWAY GUARD DETAILS
 GUARDRAIL TANGENT END TREATMENT, TL-3
 GUARDRAIL, TL-3 (SINGLE FACED)
 USE DEEP POSTS FROM STA 27+50 RT TO 30+00 RT

TRAFFIC SIGNAL CONDUIT
 SEE BELOW

WATER SUPPLY ALTERATIONS
 SEE BELOW

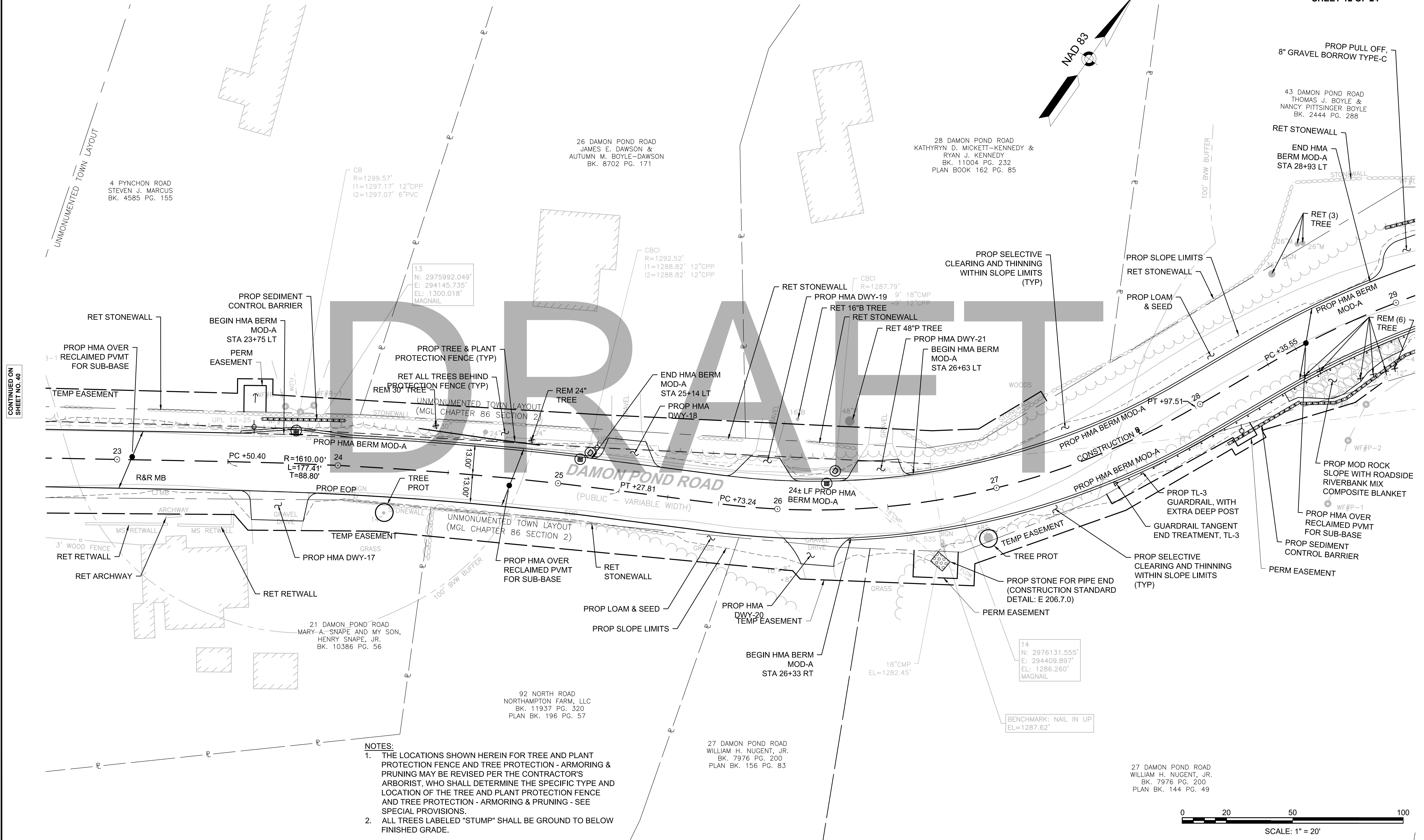
DRAINAGE DETAILS
 SEE UTILITY PLANS

HMA BERM MOD-A
 STA 23+75 LT TO STA 25+14 LT
 STA 26+63 LT TO STA 29+58 LT
 STA 26+33 RT TO STA 29+13 RT

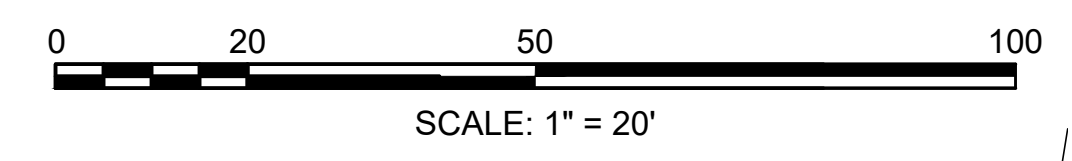
**CHESTERFIELD
 NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	41	282

PROJECT FILE NO. 608886
**CONSTRUCTION PLANS
 SHEET 12 OF 24**



- NOTES:**
1. THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 2. ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.



FOR PROFILE SEE SHEET NO. 66

CONTINUED ON SHEET NO. 40

CONTINUED ON SHEET NO. 42

608886_HD(CONSTR) PLANS.DWG Plotted on 26-Feb-2024 4:05 PM

HIGHWAY GUARD DETAILS
 GUARDRAIL, TL-3 (SINGLE FACED) 27+89 RT TO 29+90 RT
 TRAILING ANCHORAGE 29+90 RT TO 30+00 RT
 USE DEEP POSTS FROM STA 27+50 RT TO 30+00 RT

TRAILING ANCHORAGE 29+58 LT TO 29+67 LT
 GUARDRAIL, TL-3 (SINGLE FACED) 29+67 LT TO 30+13 LT
 GUARDRAIL TANGENT END TREATMENT, TL-3 30+13 LT TO 30+53 LT
 USE DEEP POSTS FROM STA 29+58 LT TO 30+53 LT

TRAFFIC SIGNAL CONDUIT
 SEE BELOW

WATER SUPPLY ALTERATIONS
 SEE BELOW

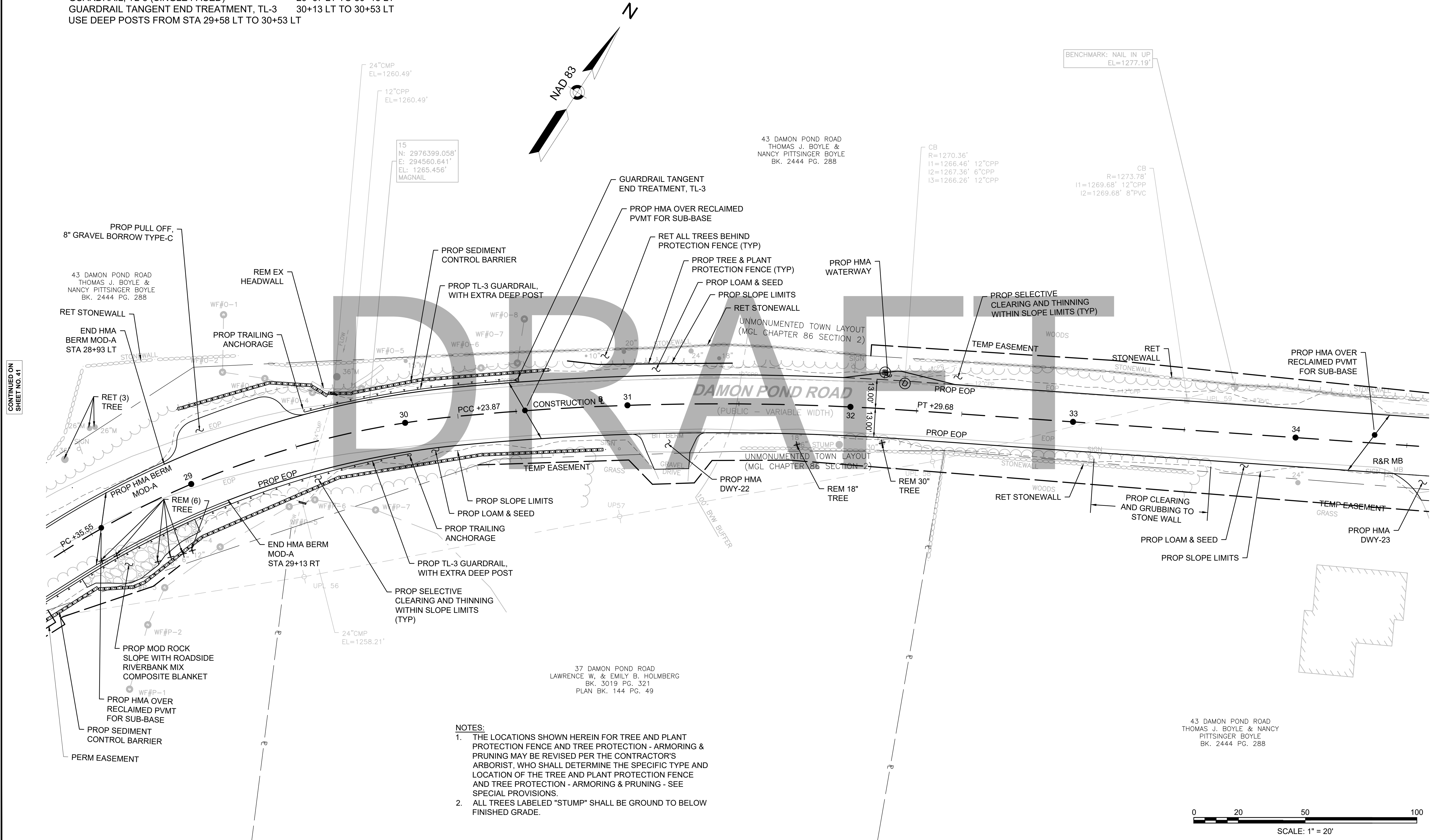
DRAINAGE DETAILS
 SEE UTILITY PLANS

HMA BERM MOD-A
 STA 26+63 LT TO STA 29+58 LT
 STA 26+33 RT TO STA 29+13 RT

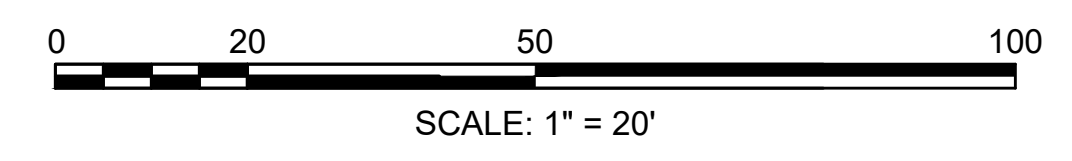
CHESTERFIELD
 NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	42	282
PROJECT FILE NO. 608886			

CONSTRUCTION PLANS
 SHEET 13 OF 24



- NOTES:
1. THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 2. ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.



FOR PROFILE SEE SHEET NO. 67

CONTINUED ON SHEET NO. 41

CONTINUED ON SHEET NO. 43

608886_HDCONSTR PLANS.DWG Plotted on 21-Feb-2024 6:03 PM

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

SEE BELOW

WATER SUPPLY ALTERATIONS

SEE BELOW

DRAINAGE DETAILS

SEE UTILITY PLANS

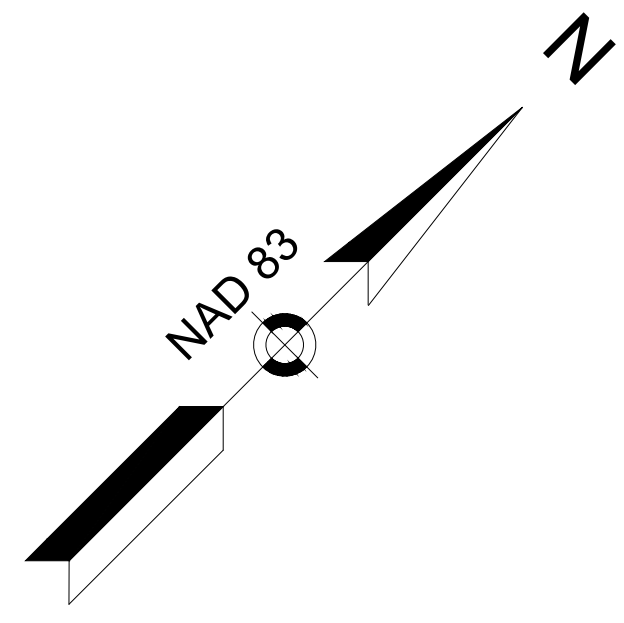
HMA BERM MOD-A

STA 37+51 LT TO STA 41+50 LT
STA 39+49 RT TO STA 41+50 LT

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	43	282
PROJECT FILE NO.		608886	

CONSTRUCTION PLANS
SHEET 14 OF 24



43 DAMON POND ROAD
THOMAS J. BOYLE & NANCY
PITTSINGER BOYLE
BK. 2444 PG. 288

DRAFT

PROP SLOPE LIMITS
CBCI
R=1249.48'
I1=1244.68' 18"CPP
I2=1245.18' 12"CPP

PROP LOAM & SEED
PROP HMA OVER RECLAIMED PVMT FOR SUB-BASE

PROP SELECTIVE CLEARING AND THINNING WITHIN SLOPE LIMITS (TYP)

RET STONEWALL

PROP HMA OVER RECLAIMED PVMT FOR SUB-BASE

PROP HMA OVER RECLAIMED PVMT FOR SUB-BASE

RET STONEWALL

PROP SLOPE LIMITS
PROP LOAM & SEED

PROP HMA WATERWAY

BEGIN HMA BERM MOD-A STA 37+51 LT

PROP HMA BERM MOD-A

R&R MB

PROP EOP

REM 24" STUMP

PC +84.65

REM 10" TREE

REM 24" TREE

CONSTRUCTION

REM 12" TREE

DAMON POND ROAD
(PUBLIC - VARIABLE WIDTH)

PT +36.83

PROP EOP

TEMP EASEMENT

PROP HMA DWY-23

TEMP EASEMENT

WOODS

PROP TREE & PLANT PROTECTION FENCE (TYP)

RET ALL TREES BEHIND PROTECTION FENCE (TYP) UNLESS OTHERWISE NOTED

PROP HMA DWY-24

PROP SELECTIVE CLEARING AND THINNING WITHIN SLOPE LIMITS (TYP)

PROP LOAM & SEED

PROP SLOPE LIMITS

TEMP EASEMENT

BEGIN HMA BERM MOD-A STA 39+49 RT

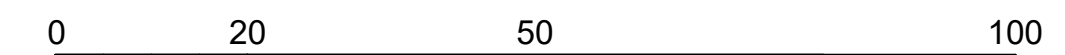
43 DAMON POND ROAD
THOMAS J. BOYLE & NANCY
PITTSINGER BOYLE
BK. 2444 PG. 288

16
N: 2976647.858'
E: 295002.385'
EL: 1279.210'
MAGNAIL

- NOTES:
- THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 - ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.

53 DAMON POND ROAD
PETER B. BANISTER
BK. 9759 PG. 245

17
N: 2976847.008'
E: 295241.290'
EL: 1273.148'
MAGNAIL



SCALE: 1" = 20'

FOR PROFILE SEE SHEET NO. 68

CONTINUED ON SHEET NO. 42

CONTINUED ON SHEET NO. 44

608886_HDCONSTR_PLANS.DWG Plotted on 21-Feb-2024 6:03 PM

HIGHWAY GUARD DETAILS
 GUARDRAIL TANGENT END TREATMENT, TL-3 41+50 RT TO 41+90 RT
 GUARDRAIL, TL-3 (SINGLE FACED) 41+90 RT TO 42+70 RT
 TRAILING ANCHORAGE 42+70 RT TO 42+80 RT
 USE DEEP POSTS FROM STA 41+50 RT TO 42+80 RT

TRAFFIC SIGNAL CONDUIT
 SEE BELOW

WATER SUPPLY ALTERATIONS
 SEE BELOW

DRAINAGE DETAILS
 SEE UTILITY PLANS

HMA BERM MOD-A
 STA 37+54 LT TO STA 41+00 LT
 STA 44+04 LT TO STA 46+50 LT

 STA 39+49 RT TO STA 44+69 RT
 STA 44+99 RT TO STA 45+08 RT
 STA 45+31 RT TO STA 45+77 RT

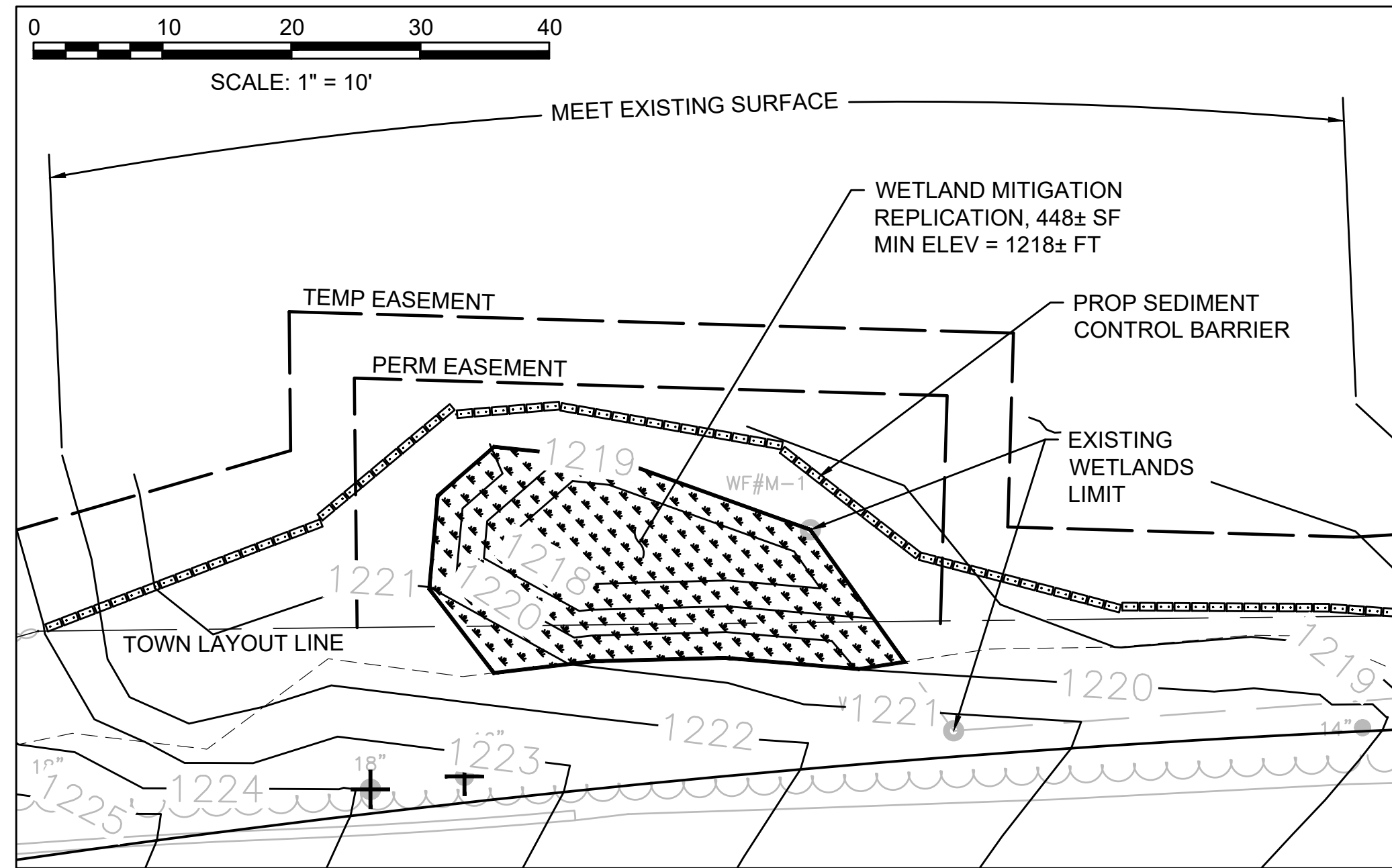
CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	44	282

PROJECT FILE NO. 608886

CONSTRUCTION PLANS
SHEET 15 OF 24

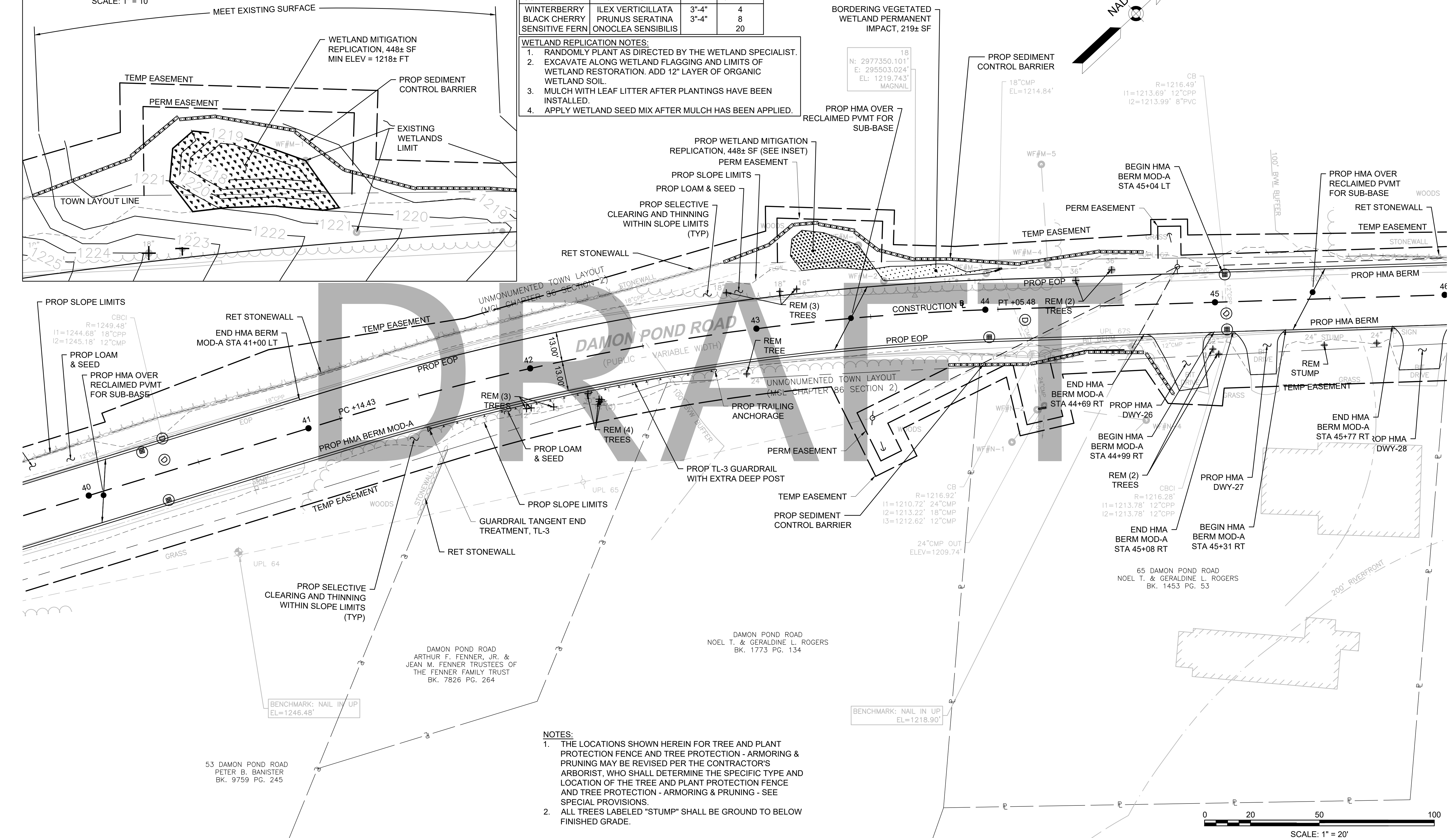
WETLAND MITIGATION REPLICATION AREA, STA 43+34 LT



PLANTING SCHEDULE

COMMON NAME	SCIENTIFIC NAME	SIZE	QUANTITY
WINTERBERRY	ILEX VERTICILLATA	3"-4"	4
BLACK CHERRY	PRUNUS SERATINA	3"-4"	8
SENSITIVE FERN	ONOCLEA SENSIBILIS		20

- WETLAND REPLICATION NOTES:
1. RANDOMLY PLANT AS DIRECTED BY THE WETLAND SPECIALIST.
 2. EXCAVATE ALONG WETLAND FLAGGING AND LIMITS OF WETLAND RESTORATION. ADD 12" LAYER OF ORGANIC WETLAND SOIL.
 3. MULCH WITH LEAF LITTER AFTER PLANTINGS HAVE BEEN INSTALLED.
 4. APPLY WETLAND SEED MIX AFTER MULCH HAS BEEN APPLIED.



CONTINUED ON SHEET NO. 43

CONTINUED ON SHEET NO. 45

- NOTES:
1. THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 2. ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.

FOR PROFILE SEE SHEET NO. 69

608886_HD\CONSTR\PLANS\DWG Plotted on 21-Feb-2024 6:03 PM

HIGHWAY GUARD DETAILS

GUARDRAIL TANGENT END TREATMENT, TL-3 48+45 RT TO 48+61 RT
 GUARDRAIL, TL-3 (SINGLE FACED) 48+61 RT TO 49+53 RT
 TRAILING ANCHORAGE 49+53 RT TO 49+62 RT
 GUARDRAIL TANGENT END TREATMENT, TL-3 49+92 RT TO 50+08 RT
 TRANSITION TO BRIDGE RAIL 50+08 RT TO 50+30 RT
 TRANSITION TO BRIDGE RAIL 50+51 RT TO 50+70 RT
 GUARDRAIL, TL-3 (SINGLE FACED) 50+70 RT TO 50+89 RT
 TRAILING ANCHORAGE 50+89 RT TO 51+00 RT

THRIE BEAM END ANCHOR 49+76 LT TO 49+82 LT
 GUARDRAIL, TL-3 (THRIE BEAM) 49+82 LT TO 50+10 LT
 TRANSITION TO BRIDGE RAIL 50+31 LT TO 50+50 LT
 GUARDRAIL, TL-3 (SINGLE FACED) 50+50 LT TO 51+08 LT
 GUARDRAIL TANGENT END TREATMENT, TL-3 51+08 LT TO 51+22 LT

HMA BERM MOD-A
 STA 44+04 LT TO STA 46+50 LT
 STA 49+75 LT TO STA 53+84 LT
 STA 45+31 RT TO STA 45+77 RT
 STA 46+01 RT TO STA 46+59 RT
 STA 46+80 RT TO STA 51+73 RT

WATER SUPPLY ALTERATIONS

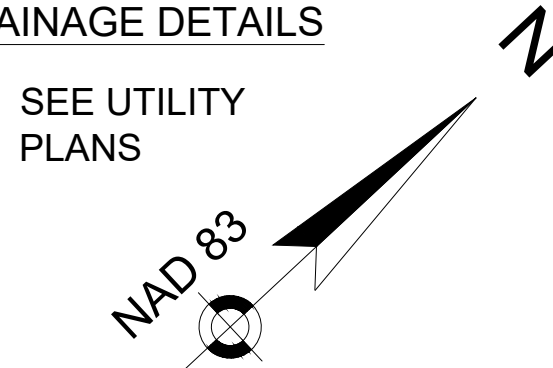
SEE BELOW
TRAFFIC SIGNAL CONDUIT
 SEE BELOW

DRAINAGE DETAILS
 SEE UTILITY PLANS

CHESTERFIELD NORTH ROAD & DAMON POND ROAD

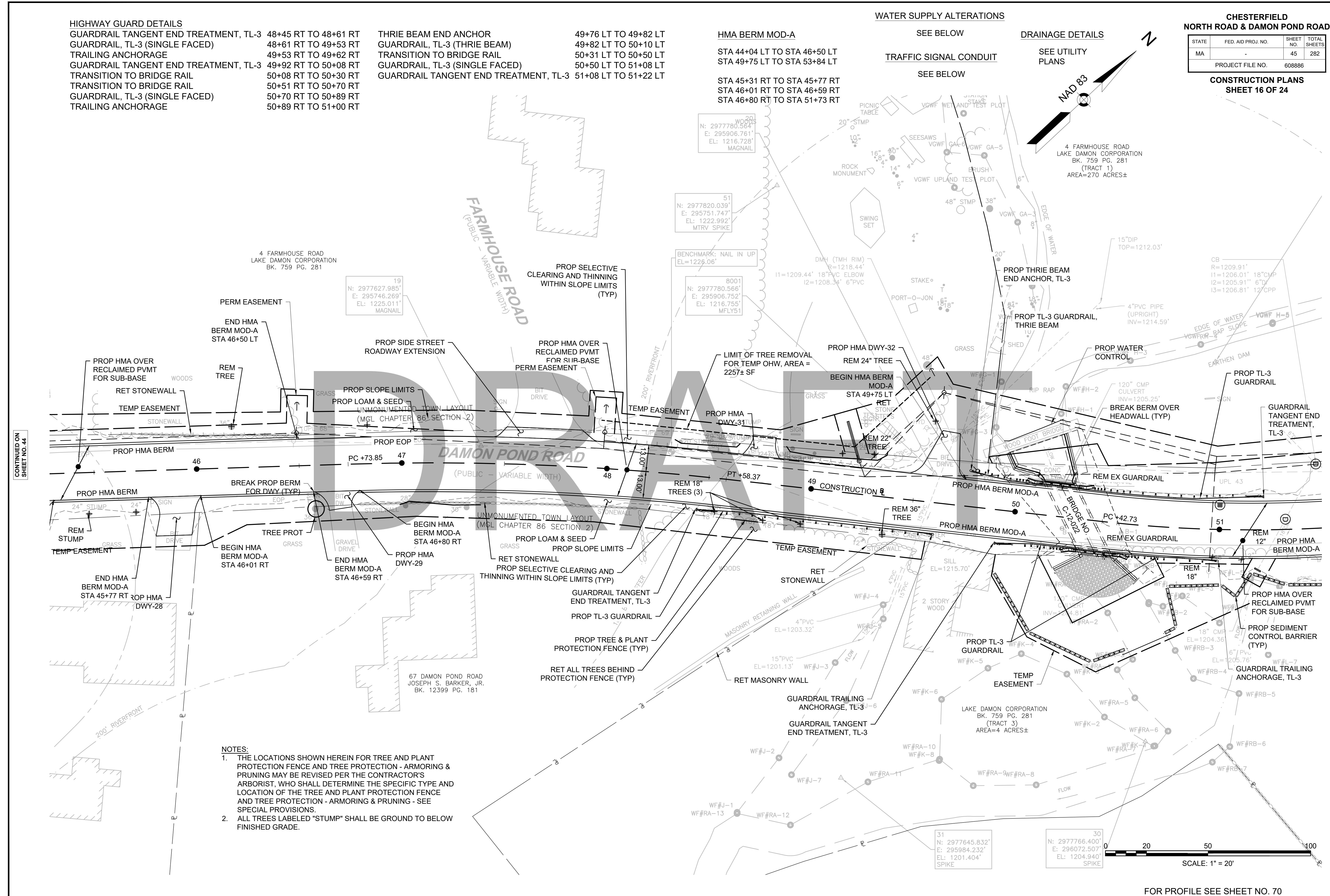
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	45	282
PROJECT FILE NO.		608886	

CONSTRUCTION PLANS SHEET 16 OF 24



4 FARMHOUSE ROAD
 LAKE DAMON CORPORATION
 BK. 759 PG. 281
 (TRACT 1)
 AREA=270 ACRES±

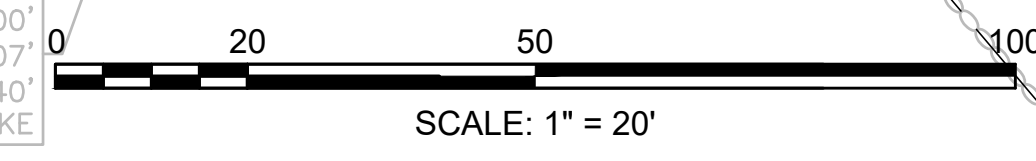
CB
 R=1209.91'
 I1=1206.01' 18" CMP
 I2=1205.91' 6" D
 I3=1206.81' 12" CPP



CONTINUED ON SHEET NO. 44

CONTINUED ON SHEET NO. 46

- NOTES:**
- THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 - ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.



FOR PROFILE SEE SHEET NO. 70

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

SEE BELOW

WATER SUPPLY ALTERATIONS

SEE BELOW

DRAINAGE DETAILS

SEE UTILITY PLANS

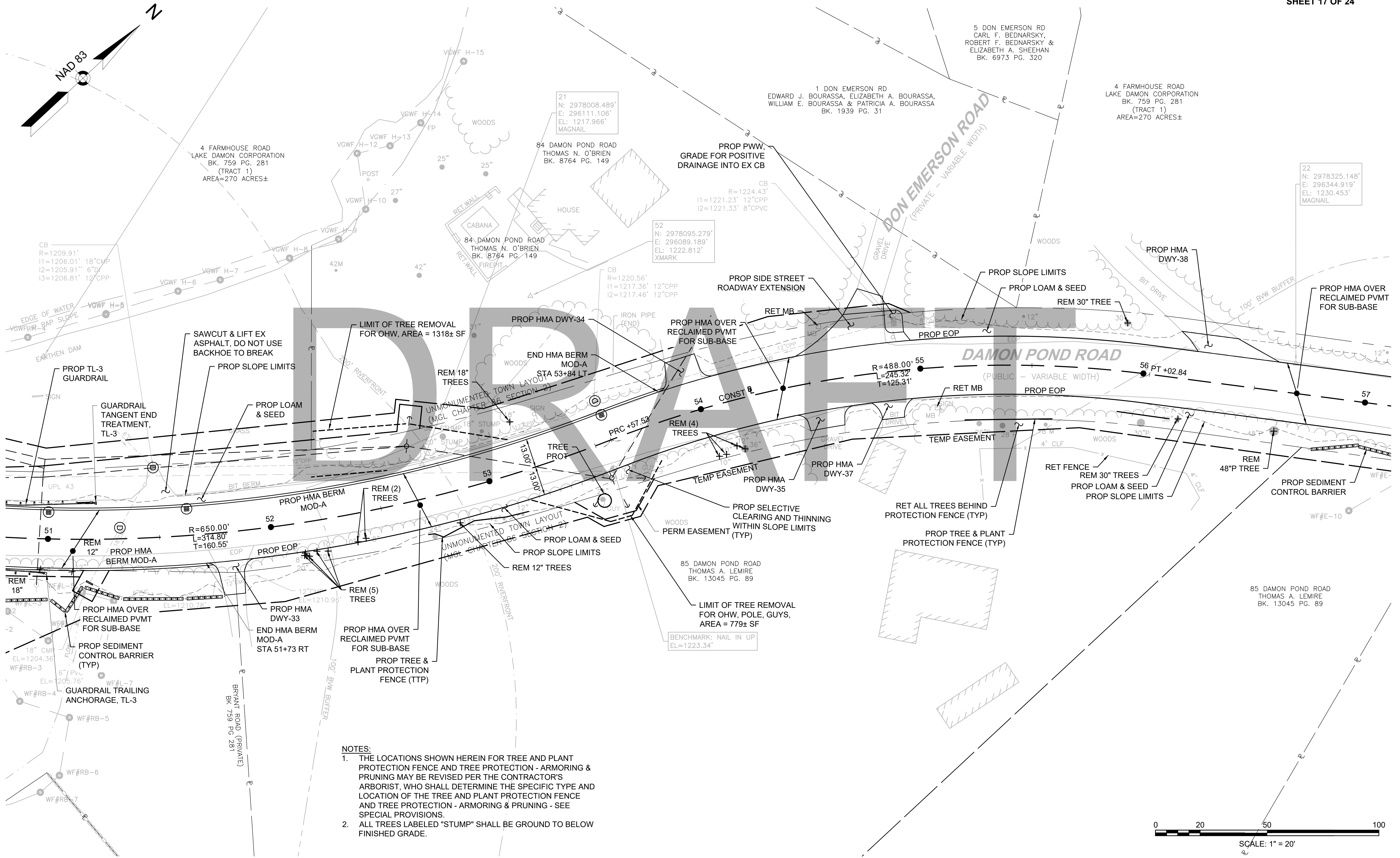
HMA BERM MOD-A

STA 49+75 LT TO STA 53+84 LT
STA 46+80 RT TO STA 51+73 RT

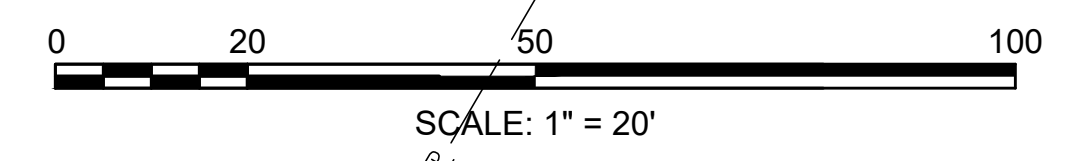
CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	46	282

PROJECT FILE NO. 608886
CONSTRUCTION PLANS
SHEET 17 OF 24



- NOTES:**
1. THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 2. ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.



FOR PROFILE SEE SHEET NO. 72

CONTINUED ON SHEET NO. 45

CONTINUED ON SHEET NO. 47

608886_HD\CONSTR\PLANS\DWG Pinned on 21-Feb-2024 6:04 PM

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

SEE BELOW

WATER SUPPLY ALTERATIONS

SEE BELOW

DRAINAGE DETAILS

SEE UTILITY PLANS

HMA BERM MOD-A

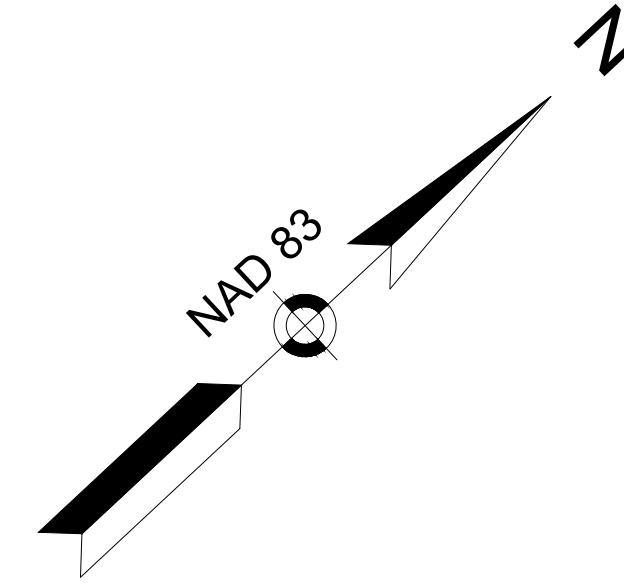
STA 59+99 RT TO STA 72+87 RT

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	47	282
PROJECT FILE NO. 608886			

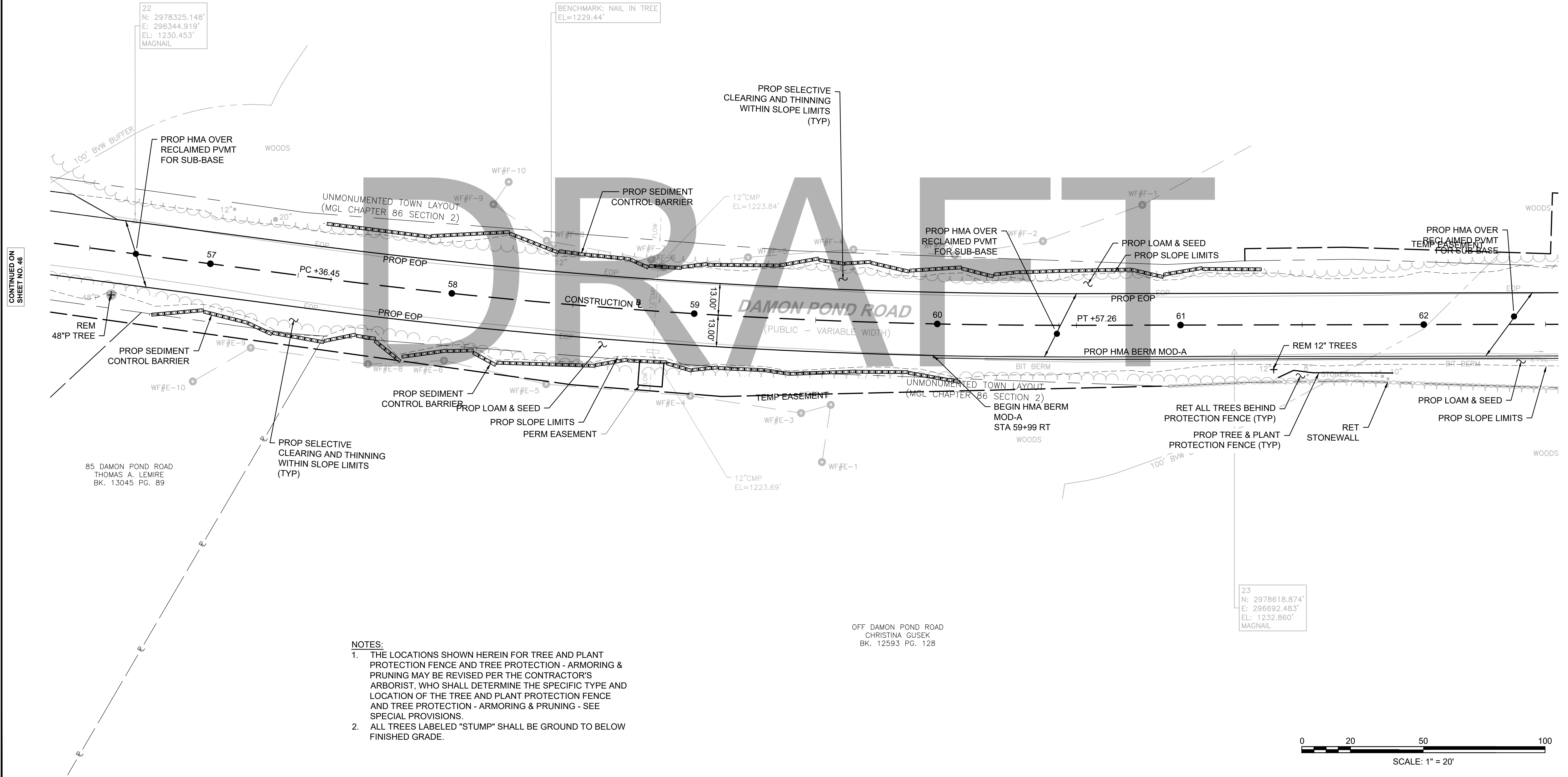
CONSTRUCTION PLANS
SHEET 18 OF 24

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±



BENCHMARK: NAIL IN TREE
EL=1229.44'

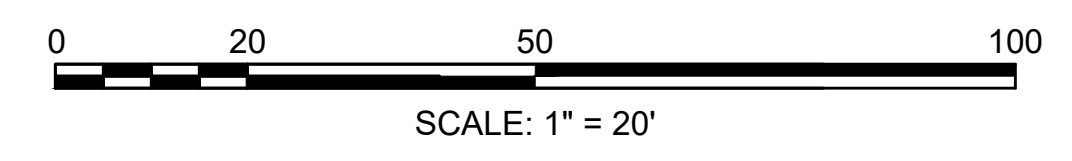
22
N: 2978325.148'
E: 296344.919'
EL: 1230.453'
MAGNAIL



CONTINUED ON
SHEET NO. 46

CONTINUED ON
SHEET NO. 48

- NOTES:
1. THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 2. ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.



FOR PROFILE SEE SHEET NO. 73

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

SEE BELOW

WATER SUPPLY ALTERATIONS

SEE BELOW

DRAINAGE DETAILS

SEE UTILITY PLANS

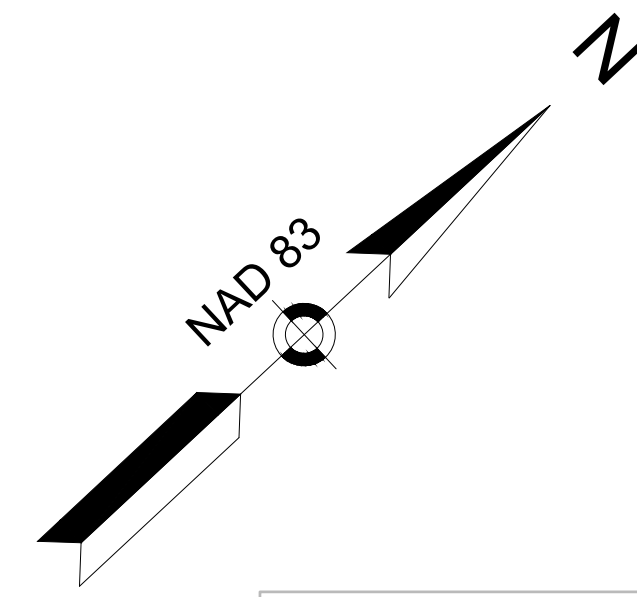
HMA BERM MOD-A

STA 59+99 RT TO STA 72+87 RT

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

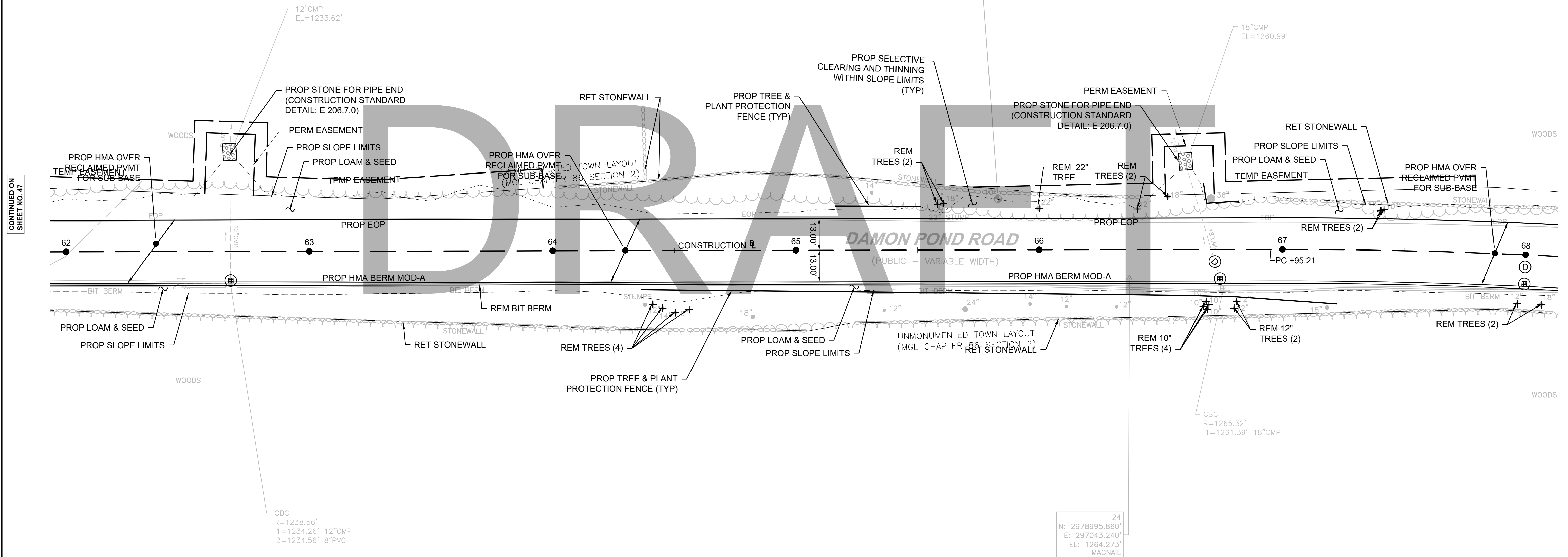
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	48	282

PROJECT FILE NO. 608886
CONSTRUCTION PLANS
SHEET 19 OF 24



4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±

BENCHMARK: NAIL IN TREE
EL=1261.95'



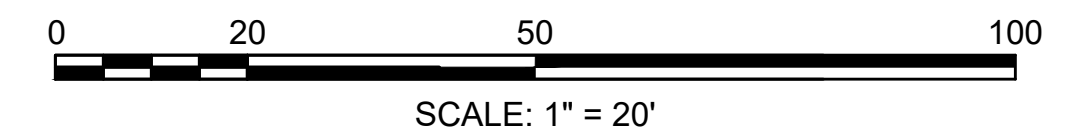
CONTINUED ON
SHEET NO. 47

CONTINUED ON
SHEET NO. 49

NOTES:

1. THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
2. ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.

OFF DAMON POND ROAD
CHRISTINA GUSEK
BK. 12593 PG. 128



FOR PROFILE SEE SHEET NO. 74

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

SEE BELOW

WATER SUPPLY ALTERATIONS

SEE BELOW

DRAINAGE DETAILS

SEE UTILITY PLANS

HMA BERM MOD-A

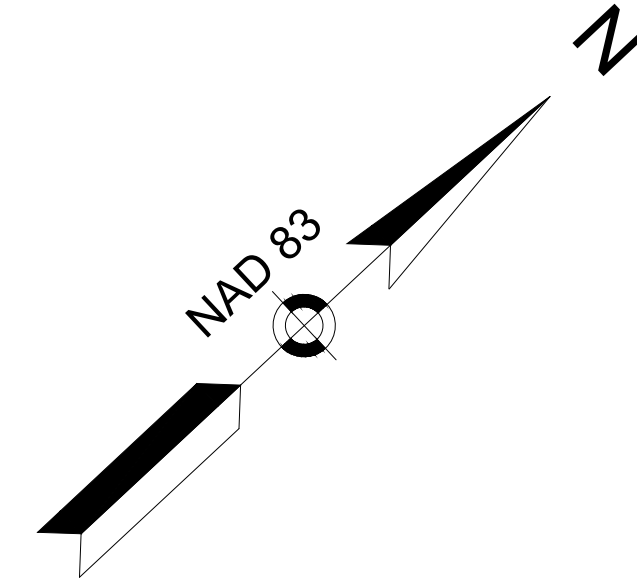
STA 59+99 RT TO STA 72+87 RT

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	49	282

CONSTRUCTION PLANS
SHEET 20 OF 24

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±



BENCHMARK: NAIL IN TREE
EL=1285.53'

CB
R=1288.86'
I1=1286.66' 12°CPP
I2=1286.66' 12°CPP
I3=1286.66' 12°CMP

PROP SLOPE LIMITS
PROP LOAM & SEED

RET ALL TREES
BEHIND PROTECTION
FENCE (TYP)

PROP TREE & PLANT
PROTECTION FENCE (TYP)

PROP HMA OVER
RECLAIMED PVMT
FOR SUB-BASE

PROP SELECTIVE
CLEARING AND THINNING
WITHIN SLOPE LIMITS
(TYP)

REM 20" TREE

PROP HMA OVER
RECLAIMED PVMT
FOR SUB-BASE

REM 30" TREE

PROP EOP

TEMP EASEMENT 36"

1950 COUNTY LAYOUT

20"

12"

12"

12"

12"

PT 72+3.17

12°CPP

12°CMP

12°CPP

12°CPP

12°CPP

12°CPP

12°CPP

12°CPP

12°CPP

12°CPP

12°CPP

12°CPP

12°CPP

12°CPP

12°CPP

12°CPP

12°CPP

12°CPP

12°CPP

12°CPP

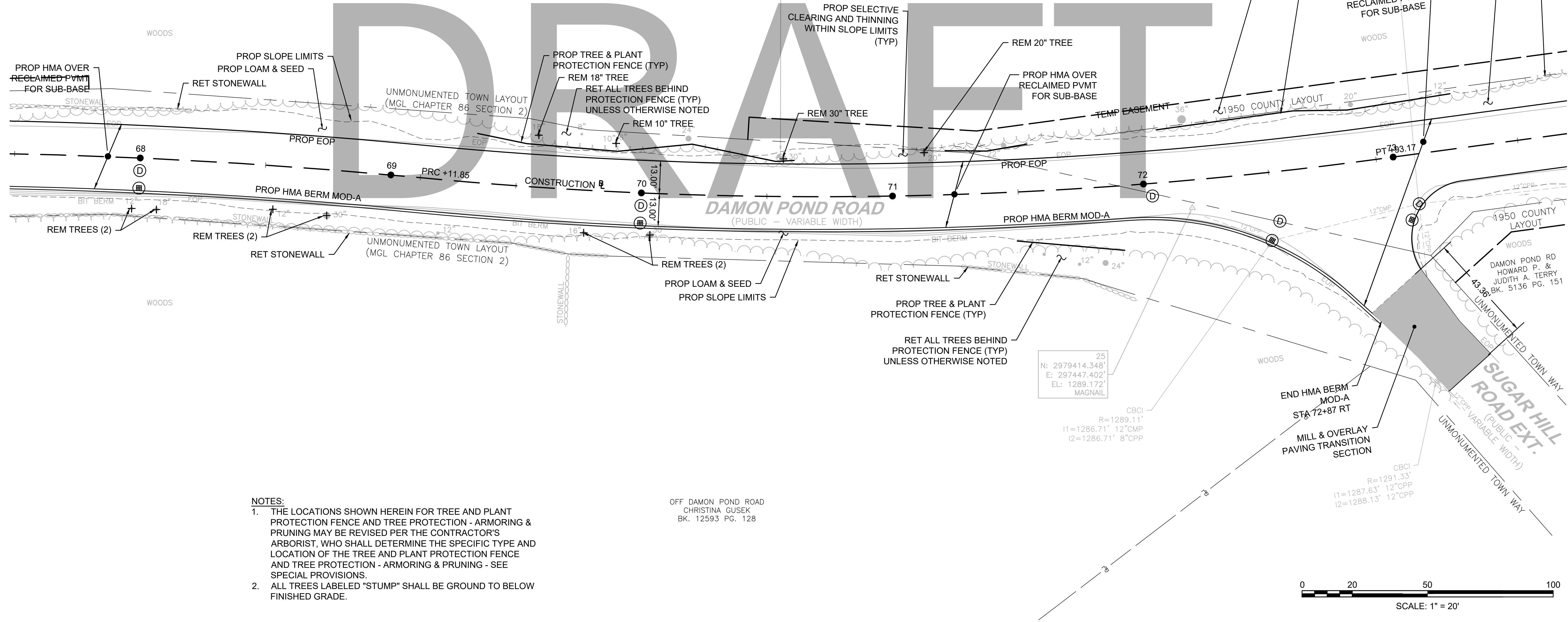
12°CPP

12°CPP

12°CPP

CONTINUED ON
SHEET NO. 48

CONTINUED ON
SHEET NO. 50



NOTES:

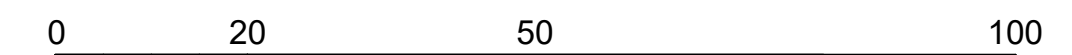
- THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
- ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.

OFF DAMON POND ROAD
CHRISTINA GUSEK
BK. 12593 PG. 128

25
N: 2979414.348'
E: 297447.402'
EL: 1289.172'
MAGNAIL

CBCL
R=1289.11'
I1=1286.71' 12°CMP
I2=1286.71' 8°CPP

CBCL
R=1291.33'
I1=1287.63' 12°CPP
I2=1288.13' 12°CPP



SCALE: 1" = 20'

FOR PROFILE SEE SHEET NO. 75

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

SEE BELOW

WATER SUPPLY ALTERATIONS

SEE BELOW

DRAINAGE DETAILS

SEE UTILITY PLANS

HMA BERM MOD-A

STA 59+99 RT TO STA 72+87 RT

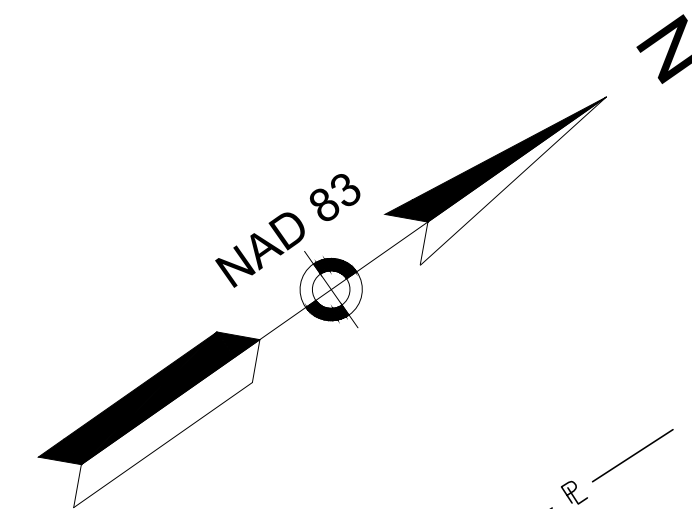
CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	50	282
PROJECT FILE NO. 608886			

CONSTRUCTION PLANS
SHEET 21 OF 24

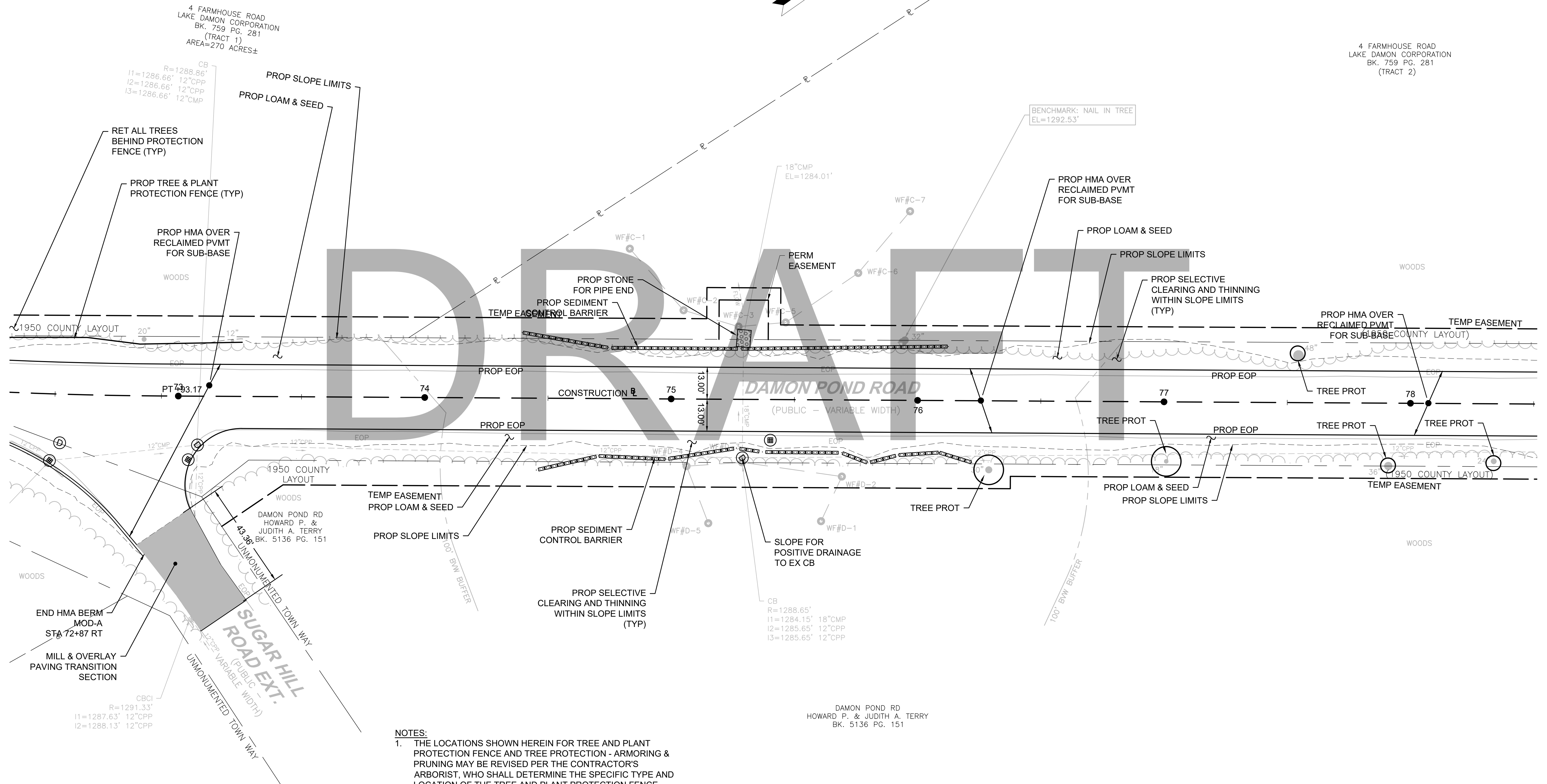
4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 2)



CONTINUED ON
SHEET NO. 49

CONTINUED ON
SHEET NO. 51



NOTES:

1. THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
2. ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.



SCALE: 1" = 20'

FOR PROFILE SEE SHEET NO. 76

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	51	282
PROJECT FILE NO.		608886	

**CONSTRUCTION PLANS
SHEET 22 OF 24**

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

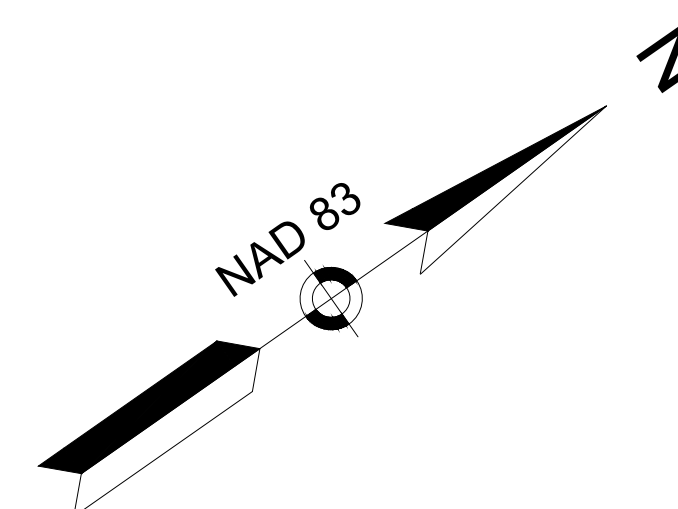
SEE BELOW

WATER SUPPLY ALTERATIONS

SEE BELOW

DRAINAGE DETAILS

SEE UTILITY PLANS



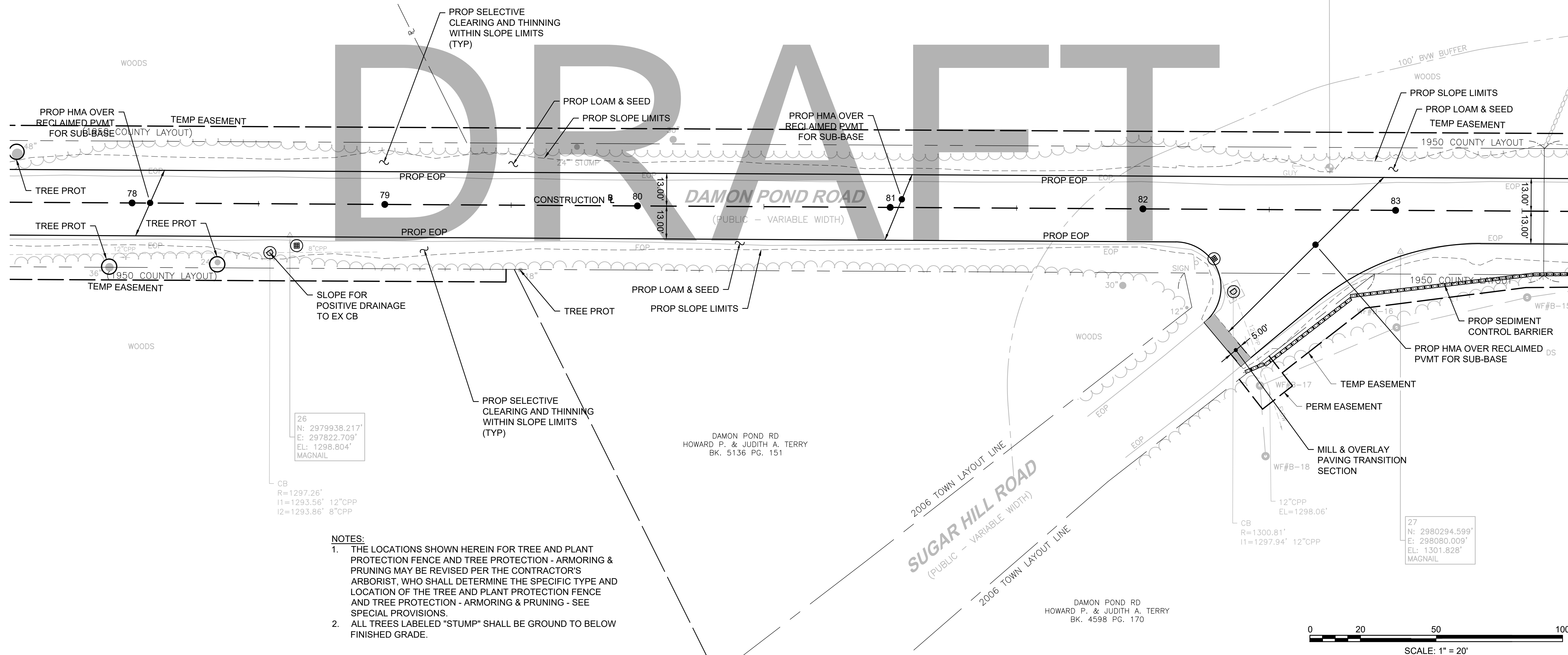
4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 2)

4 FARMHOUSE RD
LAKE DAMON CORPORATION
BK. 759 PG. 281

BENCHMARK: NAIL IN UP
EL=1304.03'

CONTINUED ON
SHEET NO. 50

CONTINUED ON
SHEET NO. 52



26
N: 2979938.217'
E: 297822.709'
EL: 1298.804'
MAGNAIL

CB
R=1297.26'
I1=1293.56' 12"CPP
I2=1293.86' 8"CPP

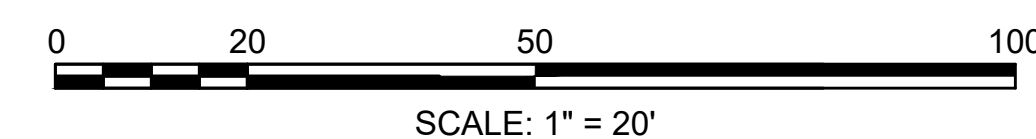
- NOTES:**
1. THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 2. ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.

DAMON POND RD
HOWARD P. & JUDITH A. TERRY
BK. 5136 PG. 151

DAMON POND RD
HOWARD P. & JUDITH A. TERRY
BK. 4598 PG. 170

CB
R=1300.81'
I1=1297.94' 12"CPP
EL=1298.06'

27
N: 2980294.599'
E: 298080.009'
EL: 1301.828'
MAGNAIL



FOR PROFILE SEE SHEET NO. 77

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

SEE BELOW

WATER SUPPLY ALTERATIONS

SEE BELOW

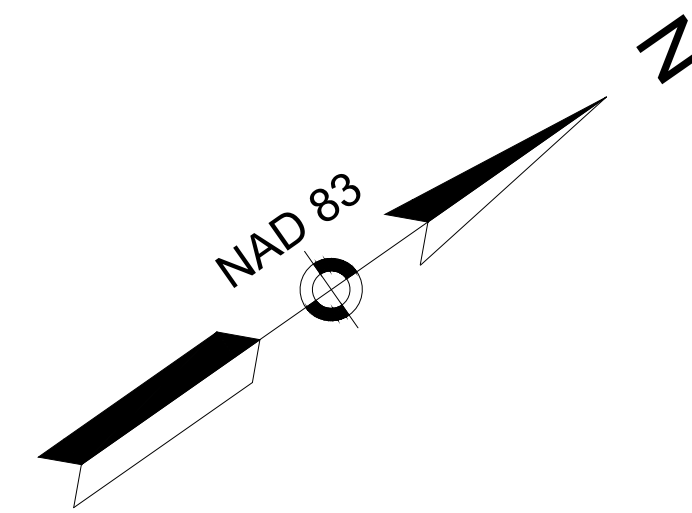
DRAINAGE DETAILS

SEE UTILITY PLANS

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	52	282
PROJECT FILE NO.		608886	

CONSTRUCTION PLANS
SHEET 23 OF 24



4 FARMHOUSE RD
LAKE DAMON CORPORATION
BK. 759 PG. 281

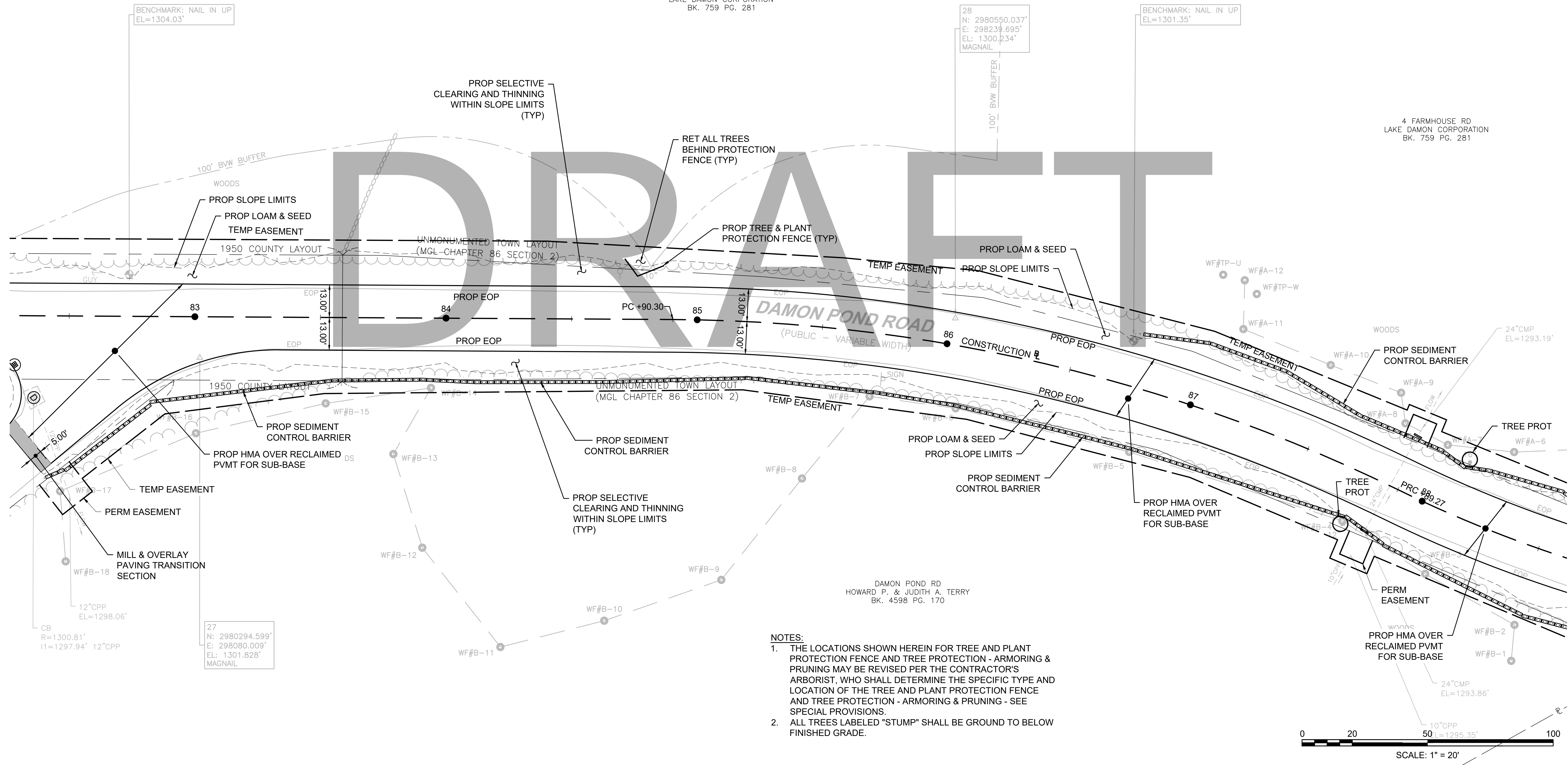
28
N: 2980550.037'
E: 298239.695'
EL: 1300.234'
MAGNAIL

BENCHMARK: NAIL IN UP
EL=1301.35'

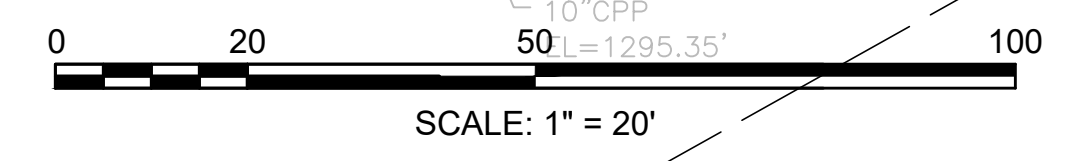
4 FARMHOUSE RD
LAKE DAMON CORPORATION
BK. 759 PG. 281

CONTINUED ON
SHEET NO. 51

CONTINUED ON
SHEET NO. 53



- NOTES:
1. THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
 2. ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.



FOR PROFILE SEE SHEET NO. 78

608886_HD\CONSTR\PLANS\DWG Plotted on: 21-Feb-2024 6:04 PM

HIGHWAY GUARD DETAILS

NONE

TRAFFIC SIGNAL CONDUIT

SEE BELOW

WATER SUPPLY ALTERATIONS

SEE BELOW

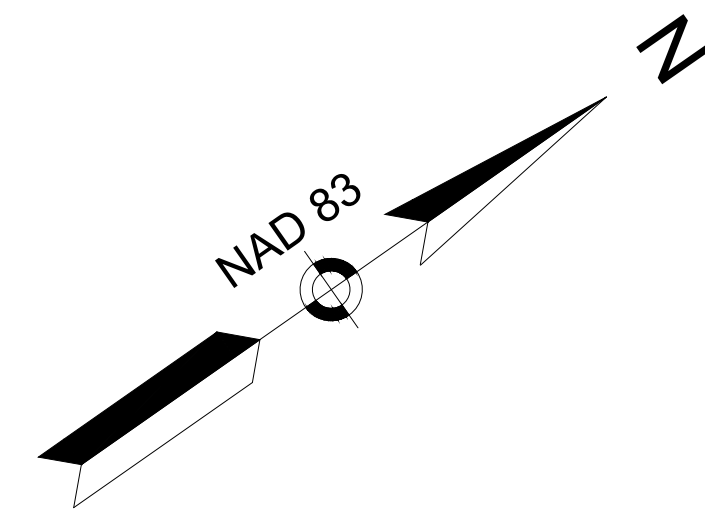
DRAINAGE DETAILS

SEE UTILITY PLANS

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	53	282

PROJECT FILE NO. 608886
CONSTRUCTION PLANS
SHEET 24 OF 24



4 FARMHOUSE RD
LAKE DAMON CORPORATION
BK. 759 PG. 281

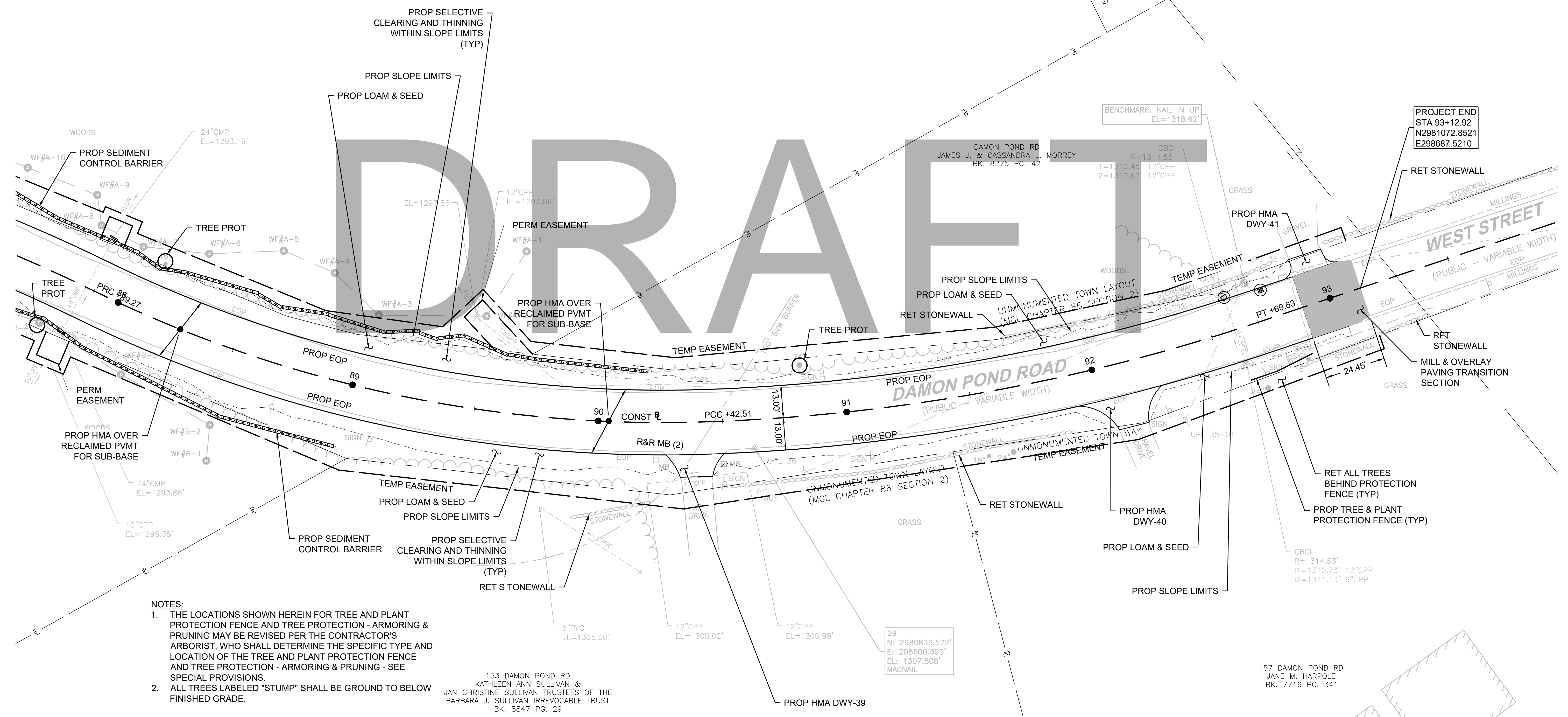
DAMON POND RD
BK. 561 PG. 89

DAMON POND RD
JAMES J. & CASSANDRA L. MORREY
BK. 8275 PG. 42

BENCHMARK: NAIL IN UP
EL=1318.62'

PROJECT END
STA 93+12.92
N2981072.8521
E298687.5210

CONTINUED ON
SHEET NO. 52



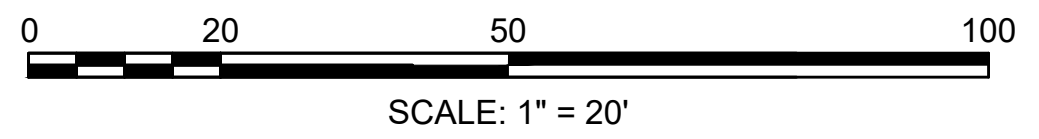
NOTES:

1. THE LOCATIONS SHOWN HEREIN FOR TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING MAY BE REVISED PER THE CONTRACTOR'S ARBORIST, WHO SHALL DETERMINE THE SPECIFIC TYPE AND LOCATION OF THE TREE AND PLANT PROTECTION FENCE AND TREE PROTECTION - ARMORING & PRUNING - SEE SPECIAL PROVISIONS.
2. ALL TREES LABELED "STUMP" SHALL BE GROUND TO BELOW FINISHED GRADE.

153 DAMON POND RD
KATHLEEN ANN SULLIVAN &
JAN CHRISTINE SULLIVAN TRUSTEES OF THE
BARBARA J. SULLIVAN IRREVOCABLE TRUST
BK. 8847 PG. 29

29
N: 2980836.522'
E: 298600.395'
EL: 1307.808'
MAGNAIL

157 DAMON POND RD
JANE M. HARPOLE
BK. 7716 PG. 341



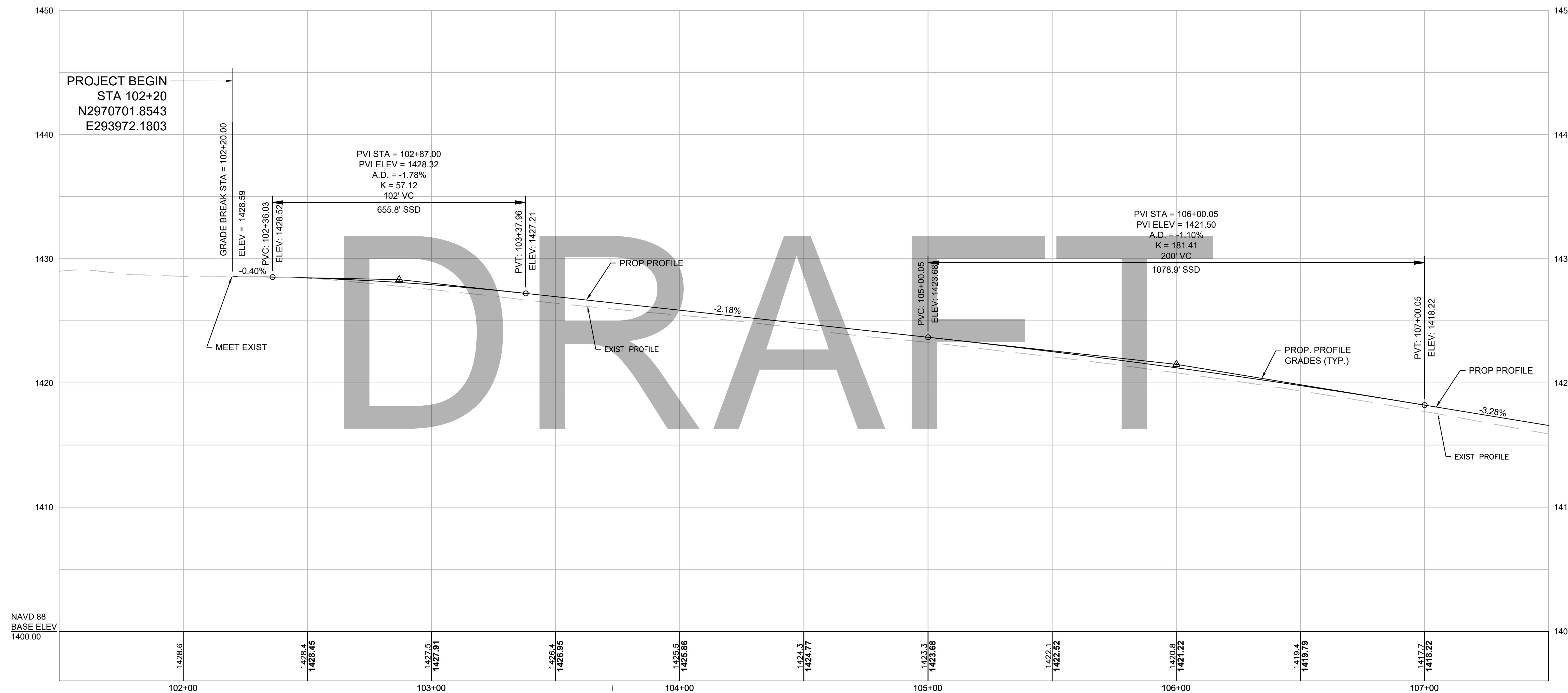
FOR PROFILE SEE SHEET NO. 79

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	54	282
PROJECT FILE NO.		608886	

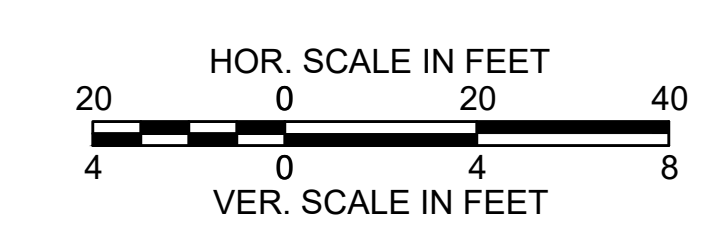
**PROFILE
NORTH ROAD
SHEET 01 OF 24**

NORTH ROAD CONST BL



STA 11+58.76 NORTH ROAD CONST BL =
STA 218+42.10 MAIN ROAD (RTE 143) 1962 SHLO

Temp. Benchmark #1
Nail Set in Utility Pole #1
Elevation = 1427.37
Sta. 13+72.93, 18.03 LT



FOR CONSTRUCTION PLANS:
SEE SHEET NO. 30

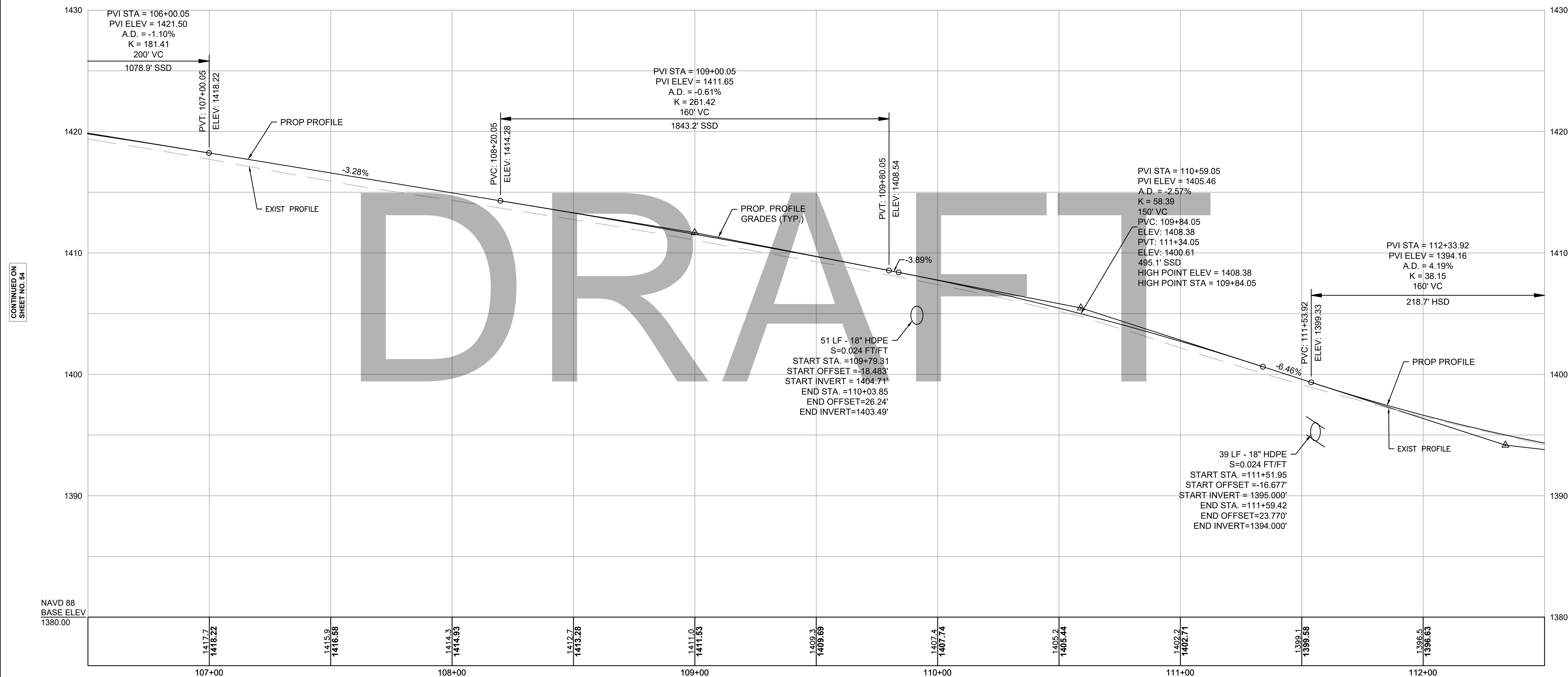
CONTINUED ON
SHEET NO. 55

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	55	282
PROJECT FILE NO.		608886	

**PROFILE
NORTH ROAD
SHEET 02 OF 24**

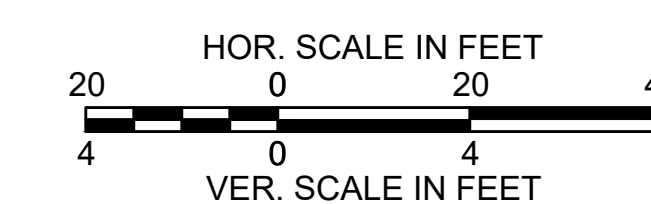
NORTH ROAD CONST BL



CONTINUED ON
SHEET NO. 54

CONTINUED ON
SHEET NO. 56

NAVD 88
BASE ELEV
1380.00



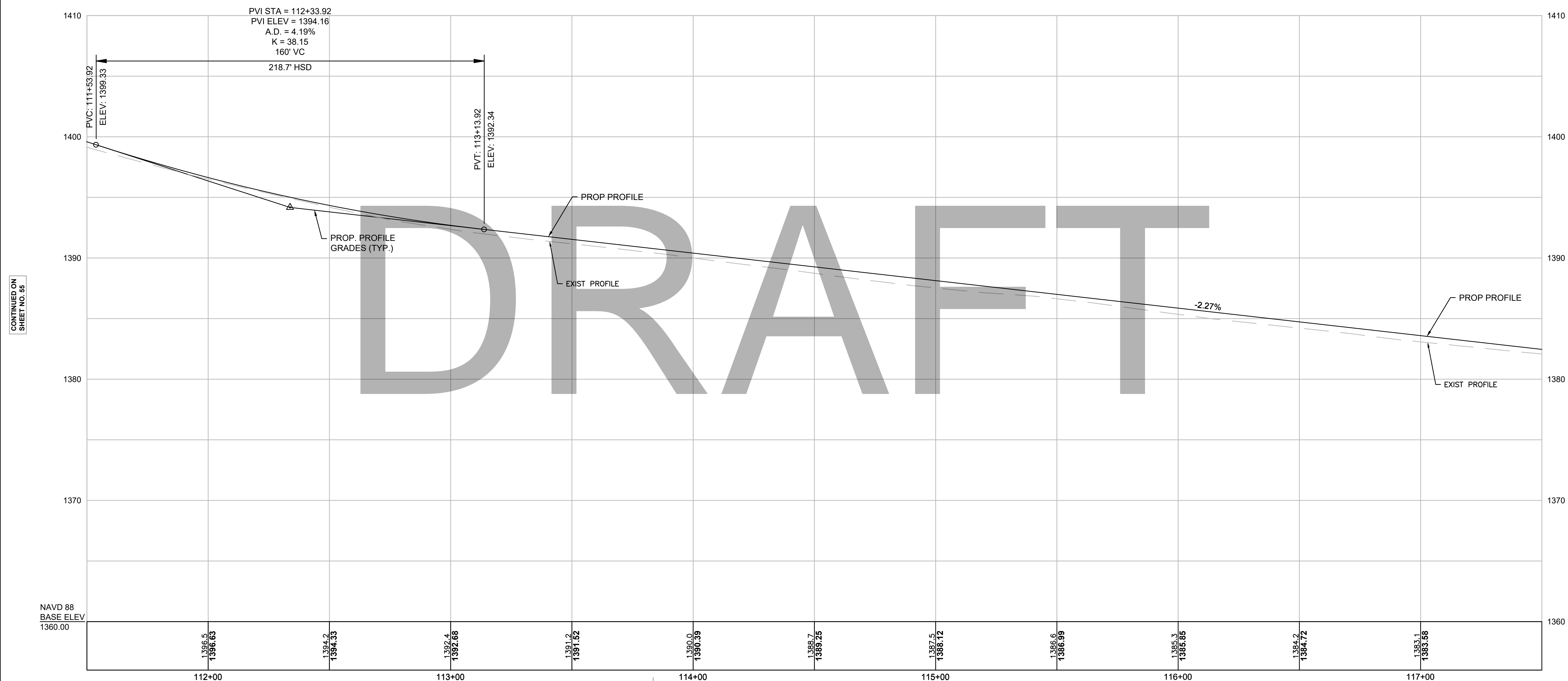
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 31

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	56	282
PROJECT FILE NO. 608886			

PROFILE
NORTH ROAD
SHEET 03 OF 24

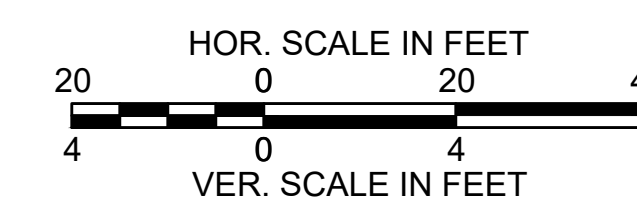
NORTH ROAD CONST BL



CONTINUED ON
SHEET NO. 56

CONTINUED ON
SHEET NO. 57

Temp. Benchmark #1
Nail Set in Utility Pole #7
Elevation = 1390.91'
Sta. 23+83.64, 18.18' LT



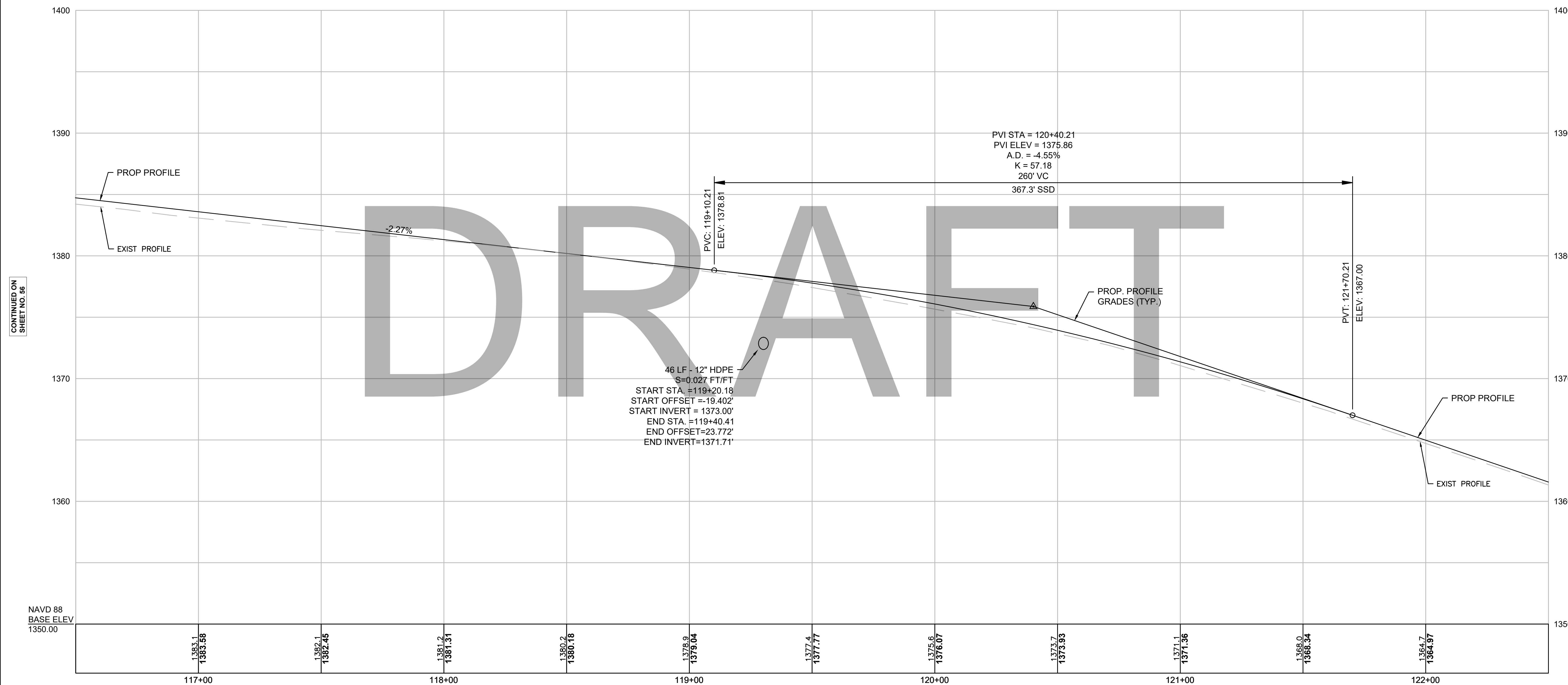
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 32

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	57	282
PROJECT FILE NO.		608886	

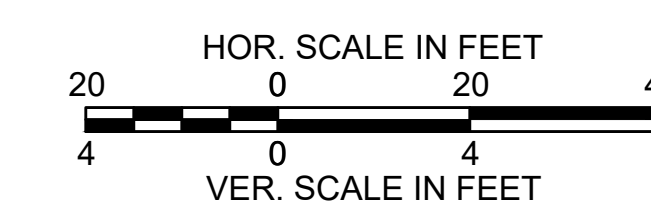
**PROFILE
NORTH ROAD
SHEET 04 OF 24**

NORTH ROAD CONST BL



CONTINUED ON
SHEET NO. 56

CONTINUED ON
SHEET NO. 58



FOR CONSTRUCTION PLANS:
SEE SHEET NO. 33

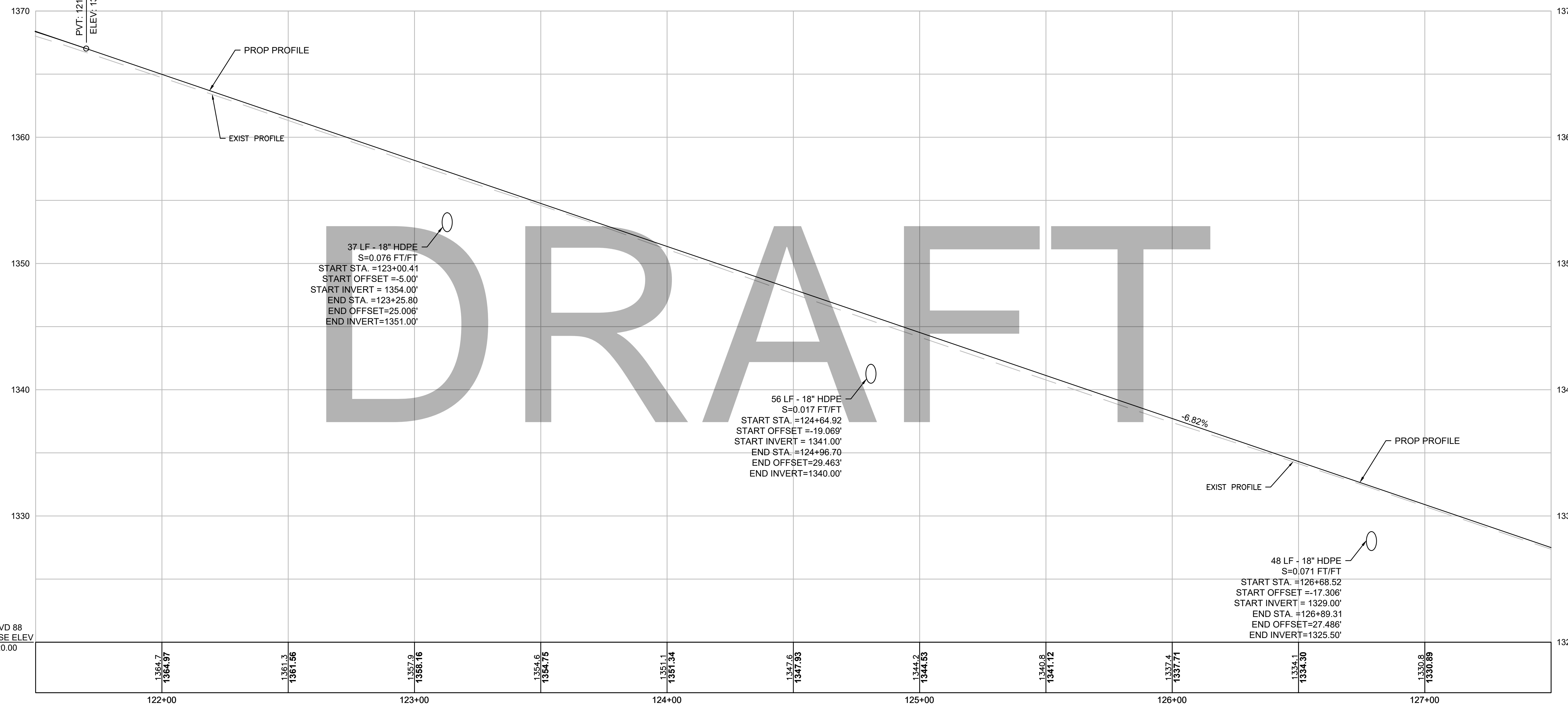
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	58	282
PROJECT FILE NO.		608886	

**PROFILE
NORTH ROAD
SHEET 05 OF 24**

NORTH ROAD CONST BL

PVI STA = 120+40.21
PVI ELEV = 1375.86
A.D. = -4.55%
K = 57.18
260' VC
367.3' SSD
PVT: 121+70.21
ELEV: 1367.00



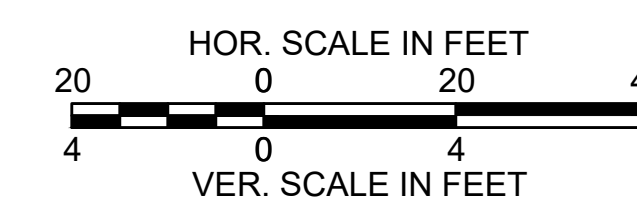
CONTINUED ON
SHEET NO. 57

CONTINUED ON
SHEET NO. 59

NAVD 88
BASE ELEV
1320.00

STA 33+00.00 NORTH ROAD CONST BL =
STA 10+00 FISKE LANE

Temp. Benchmark #3
Nail Set in Utility Pole #12
Elevation = 1351.73'
Sta. 34+03.99, 17.49 LT



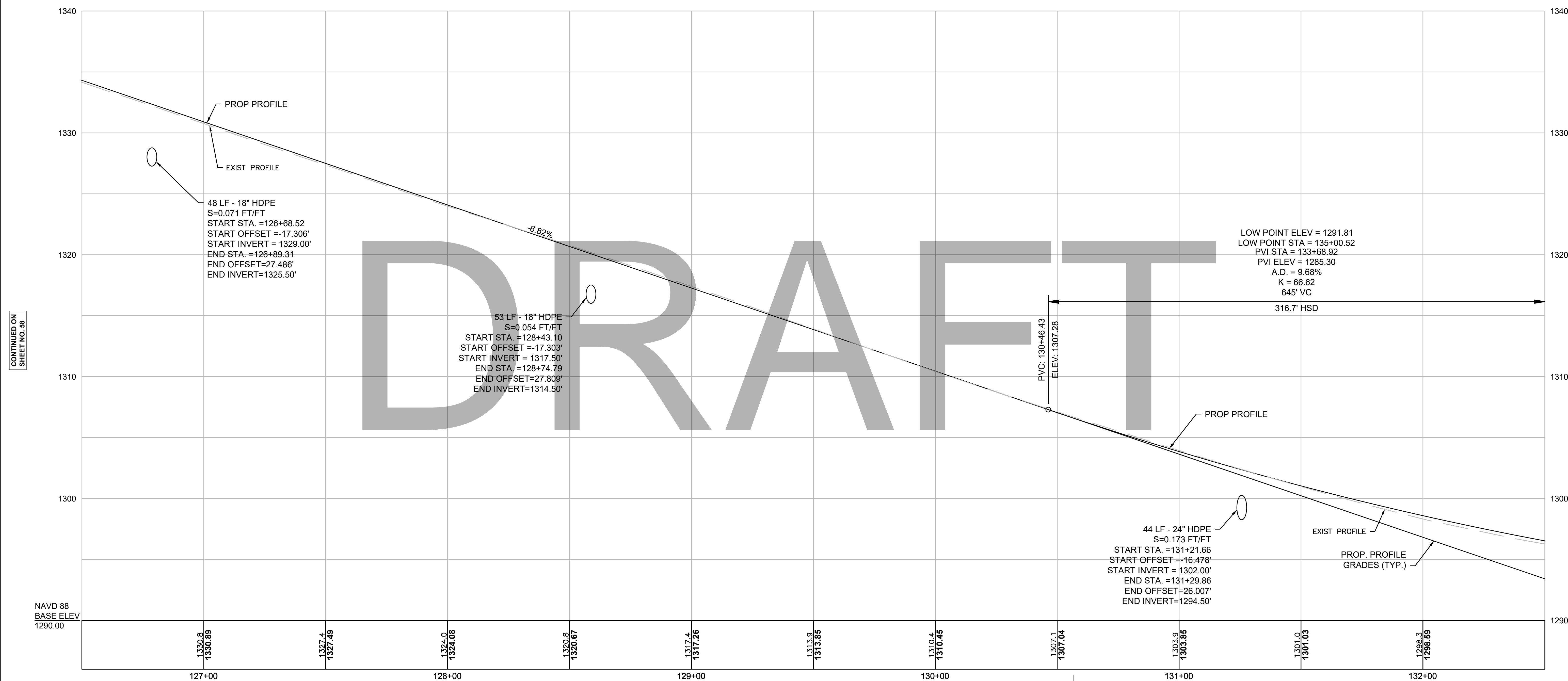
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 34

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	59	282
PROJECT FILE NO. 608886			

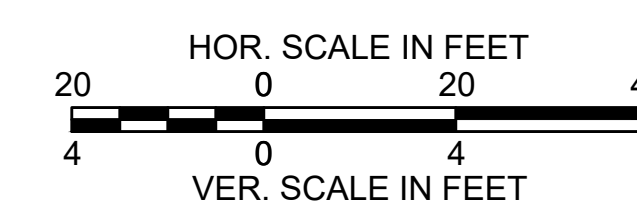
**PROFILE
NORTH ROAD
SHEET 06 OF 24**

NORTH ROAD CONST BL



CONTINUED ON
SHEET NO. 58

CONTINUED ON
SHEET NO. 60



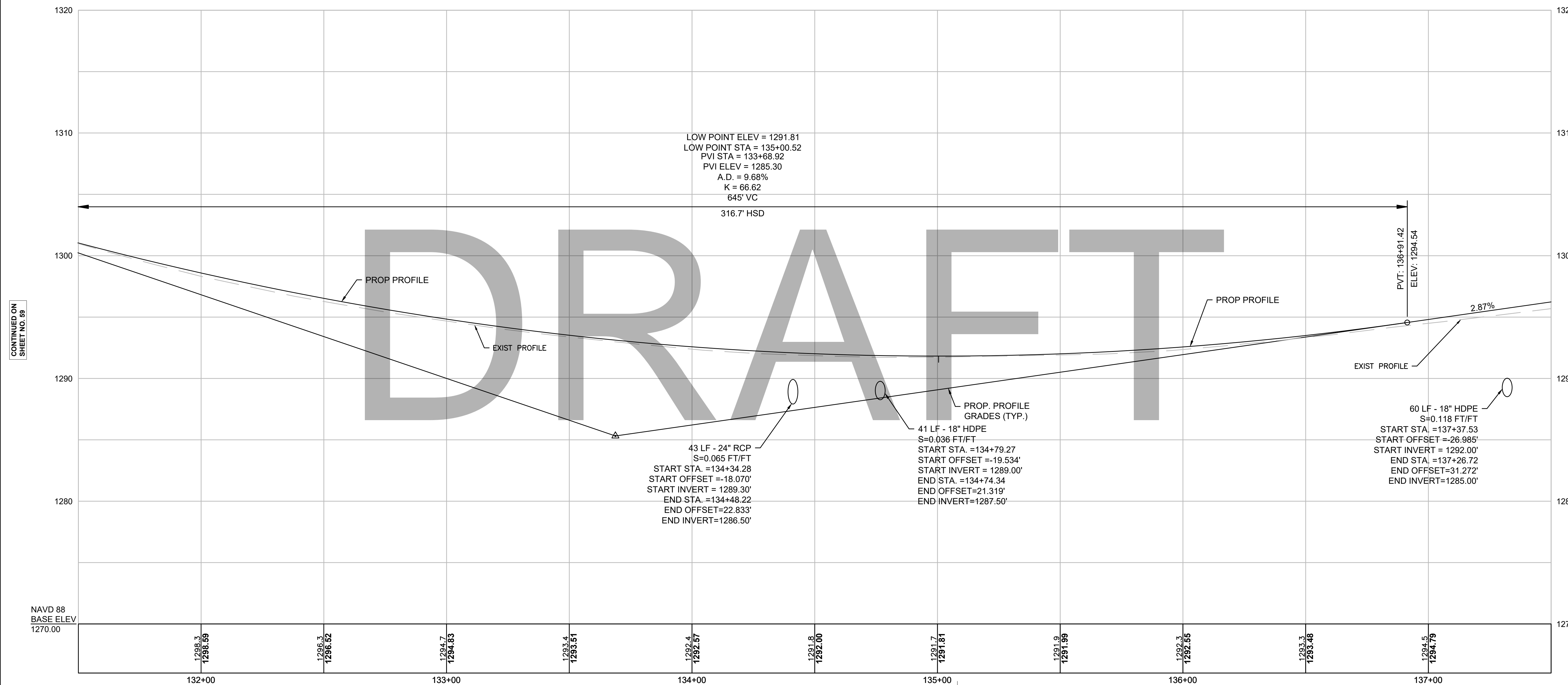
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 35

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	60	282
PROJECT FILE NO.		608886	

**PROFILE
NORTH ROAD
SHEET 07 OF 24**

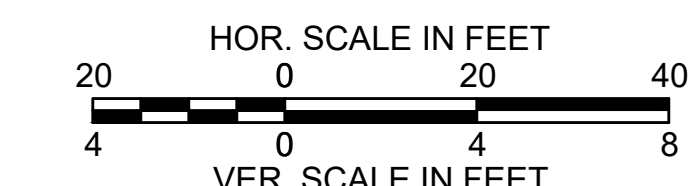
NORTH ROAD CONST BL



CONTINUED ON
SHEET NO. 59

CONTINUED ON
SHEET NO. 61

Temp. Benchmark #5
 Nail Set in Utility Pole #17
 Elevation = 1292.64'
 Sta. 45+08.20, 19.66' LT



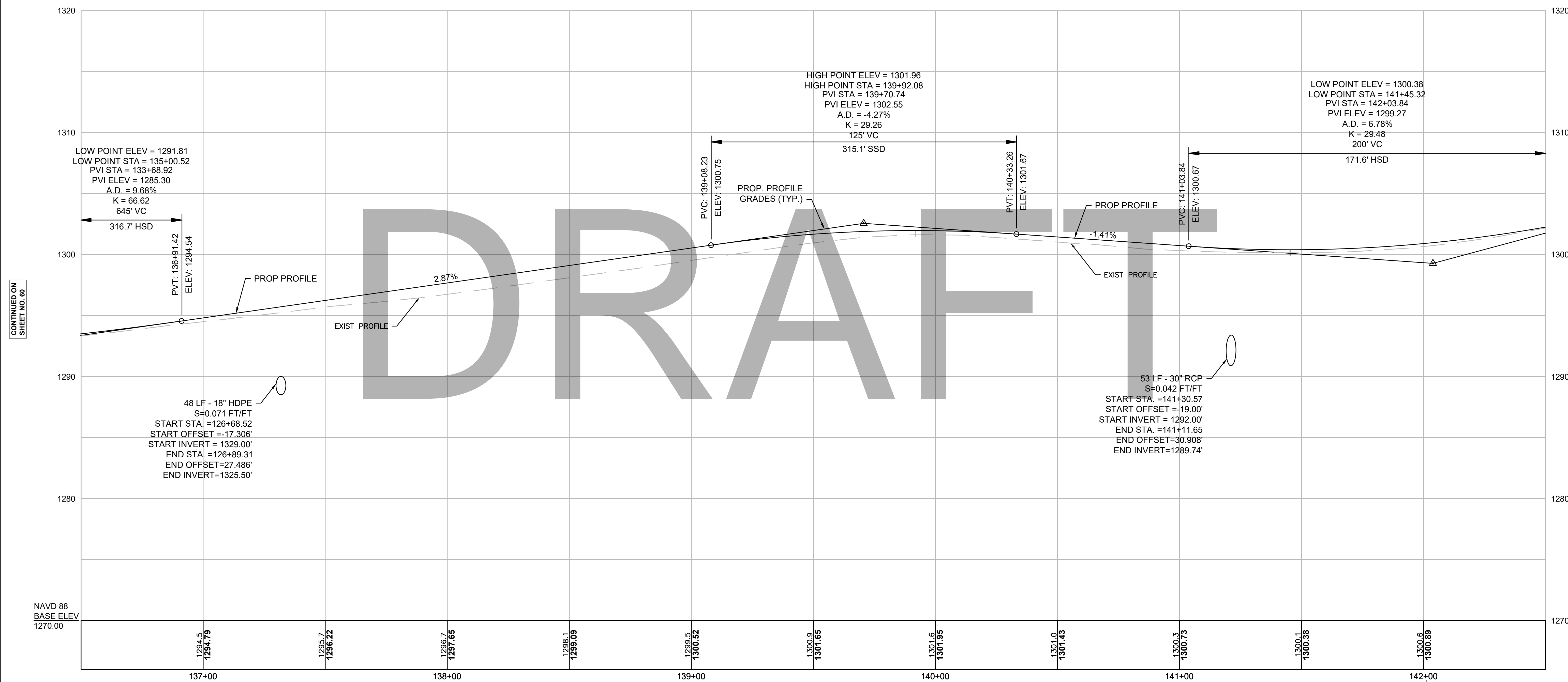
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 36

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	61	282
PROJECT FILE NO.		608886	

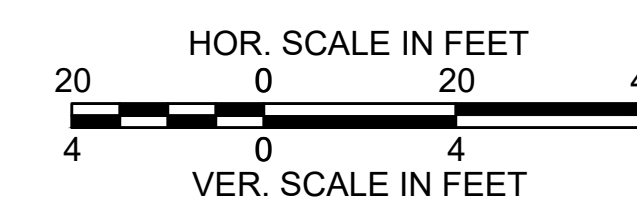
**PROFILE
NORTH ROAD
SHEET 08 OF 24**

NORTH ROAD CONST BL



CONTINUED ON
SHEET NO. 60

CONTINUED ON
SHEET NO. 62



Temp. Benchmark #6
Nail Set in Utility Pole #21
Elevation = 1302.30'
Sta. 52+01.14, 15.66' LT

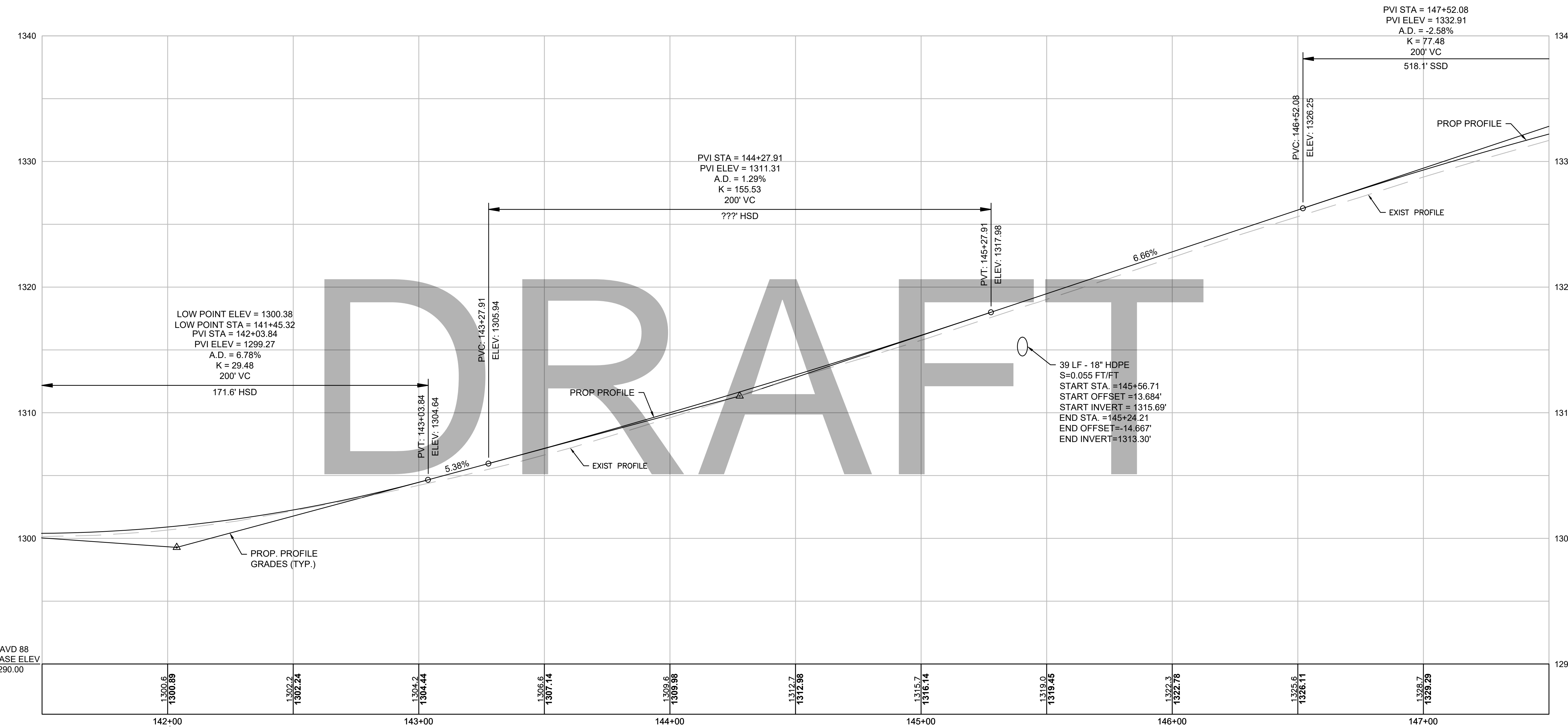
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 37

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	62	282
PROJECT FILE NO.		608886	

**PROFILE
NORTH ROAD
SHEET 09 OF 24**

NORTH ROAD CONST BL

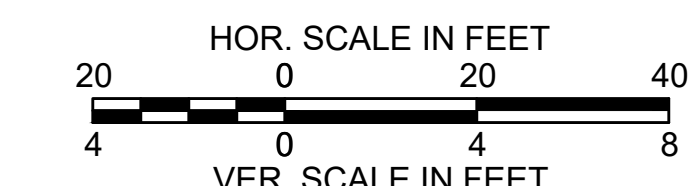


CONTINUED ON
SHEET NO. 81

CONTINUED ON
SHEET NO. 83

NAVD 88
BASE ELEV
1290.00

Temp. Benchmark #6
Nail Set in Utility Pole #21
Elevation = 1302.37
Sta. 52+01.14, 15.66'LT



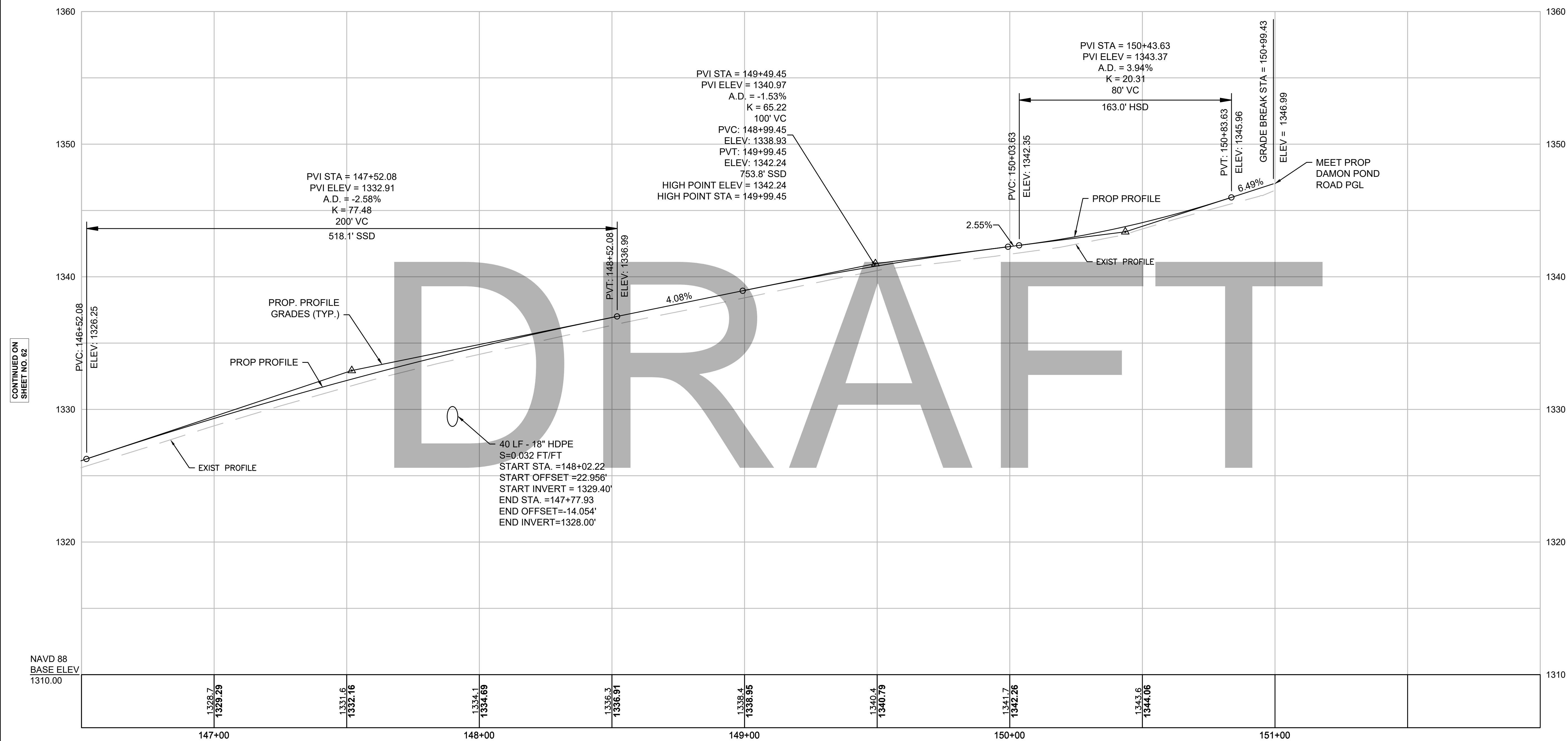
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 38

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	63	282
PROJECT FILE NO.		608886	

**PROFILE
NORTH ROAD
SHEET 10 OF 24**

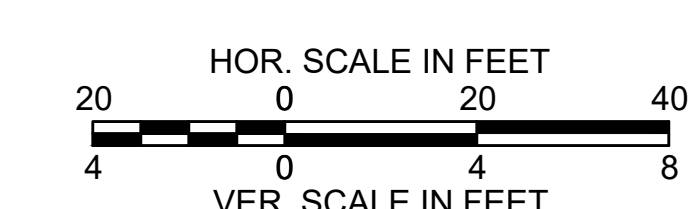
NORTH ROAD CONST BL



CONTINUED ON
SHEET NO. 92

NAVD 88
BASE ELEV
1310.00

STA 59+96.91 NORTH ROAD CONST BL =
STA 13+16.97 DAMON POND ROAD CONST BL



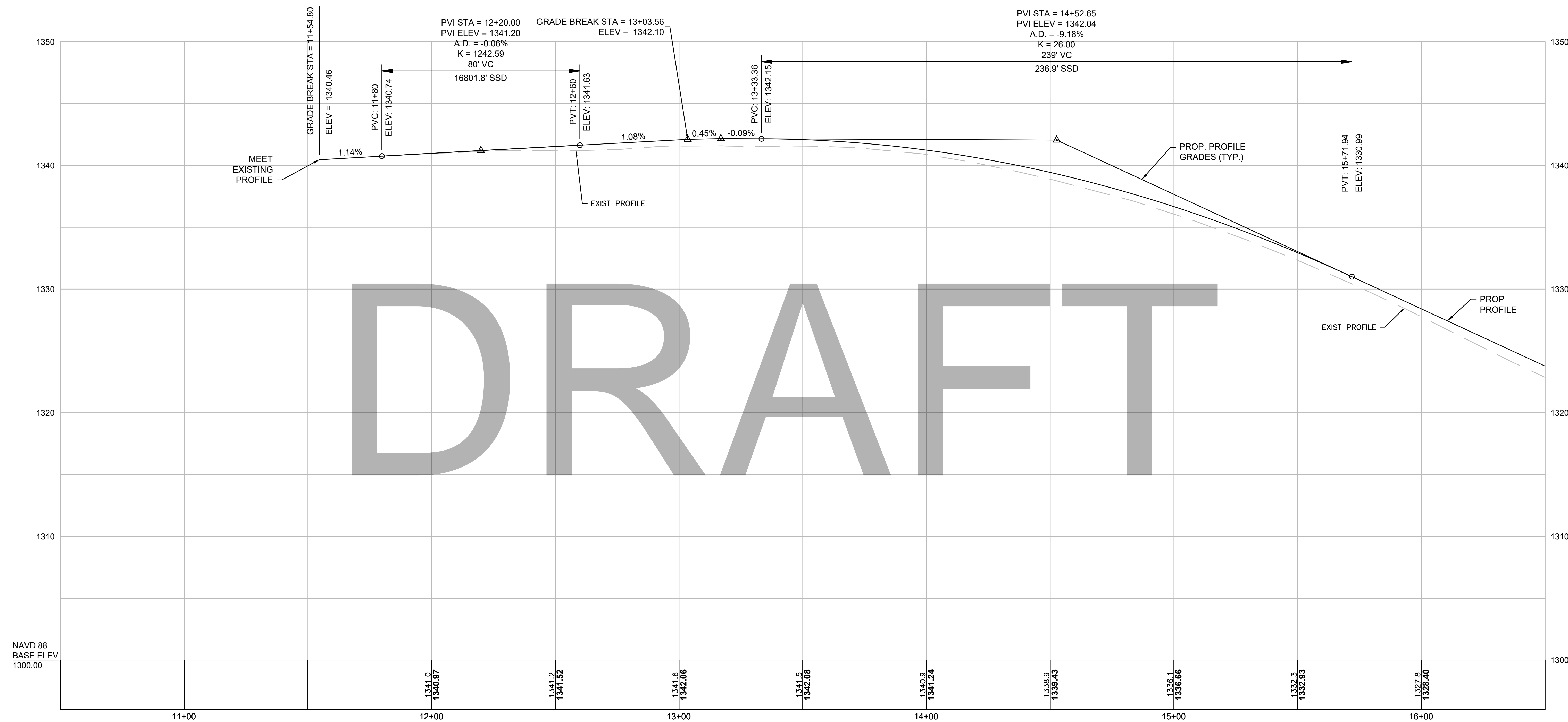
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 39

608886_HJD\PROFILES\DWG Potted on 21-Feb-2024 6:05 PM

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	64	282
PROJECT FILE NO. 608886			

PROFILE
DAMON POND ROAD
SHEET 11 OF 24

DAMON POND RD CONST BL

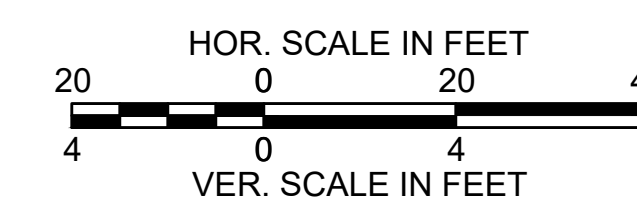


DRAFT

NAVD 88
BASE ELEV
1300.00

STA 13+16.97 DAMON POND ROAD CONST BL =
STA 59+96.91 NORTH ROAD CONST BL

Temp. Benchmark #7
Nail Set in Utility Pole #45
Elevation = 1342.94'
Sta. 13+98.52, 14.30 RT



FOR CONSTRUCTION PLANS:
SEE SHEET NO. 39

CONTINUED ON
SHEET NO. 65

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

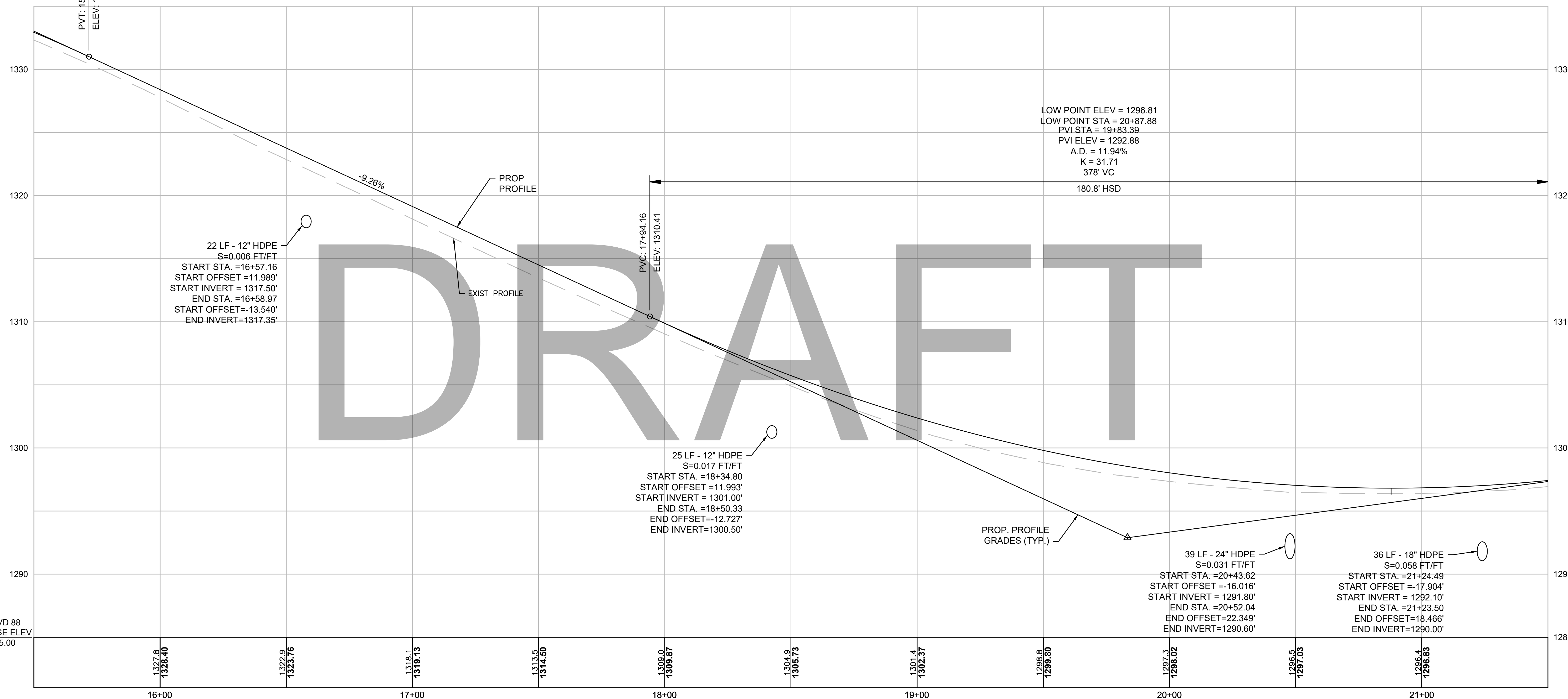
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	65	282
PROJECT FILE NO. 608886			

**PROFILE
DAMON POND ROAD
SHEET 12 OF 24**

DAMON POND RD CONST BL

PVI STA = 14+52.65
PVI ELEV = 1342.04
A.D. = -9.18%
K = 26.00
239' VC
236.9' SSD

PVT: 15+71.94
ELEV: 1330.99



22 LF - 12" HDPE
S=0.006 FT/FT
START STA. =16+57.16
START OFFSET =11.989'
START INVERT = 1317.50'
END STA. =16+58.97
START OFFSET=-13.540'
END INVERT=1317.35'

25 LF - 12" HDPE
S=0.017 FT/FT
START STA. =18+34.80
START OFFSET =11.993'
START INVERT = 1301.00'
END STA. =18+50.33
END OFFSET=-12.727'
END INVERT=1300.50'

39 LF - 24" HDPE
S=0.031 FT/FT
START STA. =20+43.62
START OFFSET =-16.016'
START INVERT = 1291.80'
END STA. =20+52.04
END OFFSET=22.349'
END INVERT=1290.60'

36 LF - 18" HDPE
S=0.058 FT/FT
START STA. =21+24.49
START OFFSET =-17.904'
START INVERT = 1292.10'
END STA. =21+23.50
END OFFSET=18.466'
END INVERT=1290.00'

LOW POINT ELEV = 1296.81
LOW POINT STA = 20+87.88
PVI STA = 19+83.39
PVI ELEV = 1292.88
A.D. = 11.94%
K = 31.71
378' VC

180.8' HSD

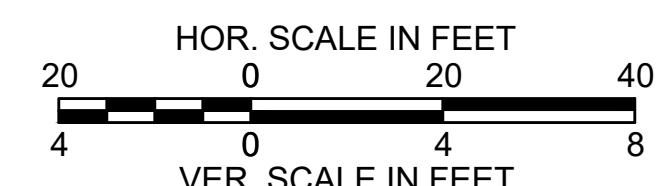
CONTINUED ON
SHEET NO. 64

CONTINUED ON
SHEET NO. 66

NAVD 88
BASE ELEV
1285.00

1285

Temp. Benchmark #8
Nail Set in Utility Pole #49
Elevation = 1298.41
Sta. 20+05.87, 14.54' LT



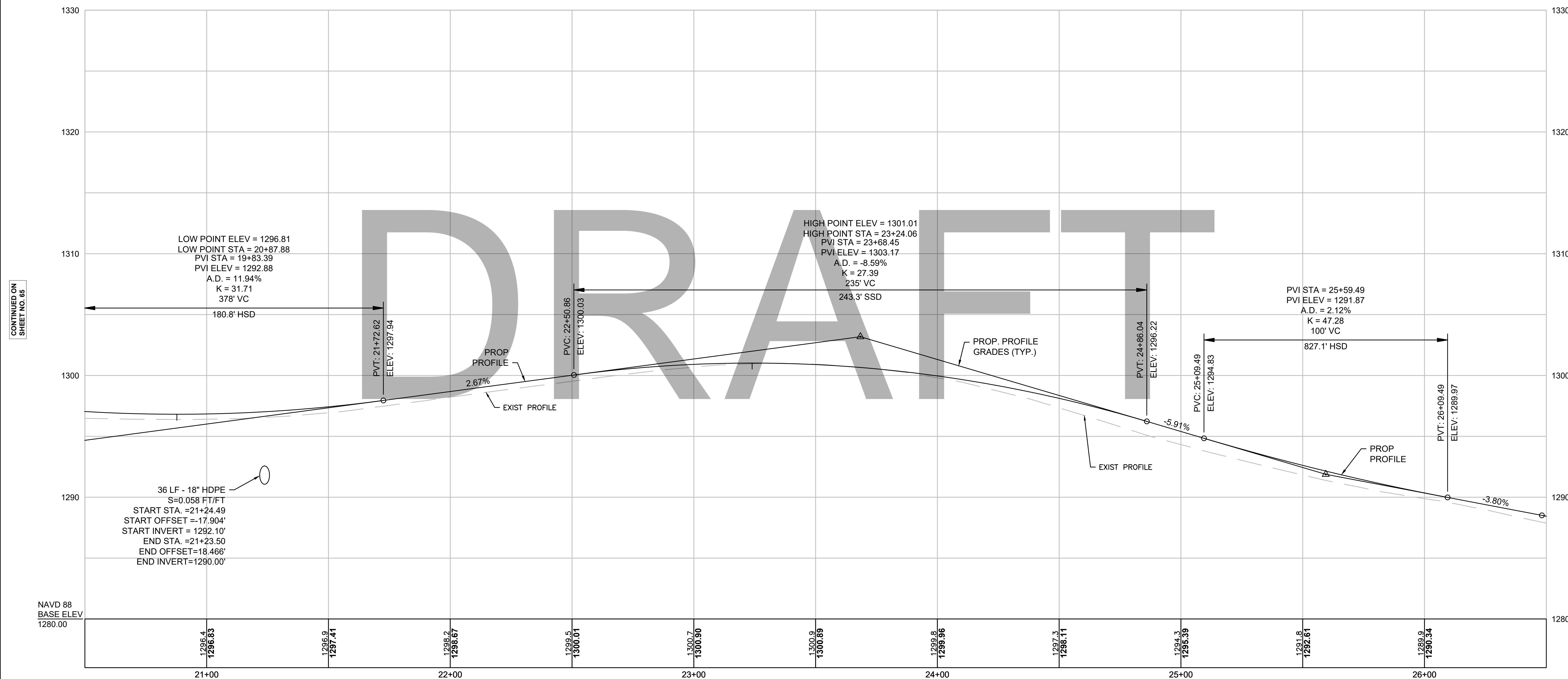
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 40

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	66	282
PROJECT FILE NO.		608886	

PROFILE
DAMON POND ROAD
SHEET 13 OF 24

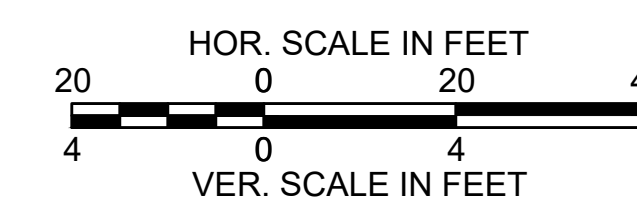
DAMON POND RD CONST BL



CONTINUED ON
SHEET NO. 66

CONTINUED ON
SHEET NO. 67

STA 22+16.40 DAMON POND ROAD CONST BL =
STA 10+00 PYNCHON ROAD CONST BL



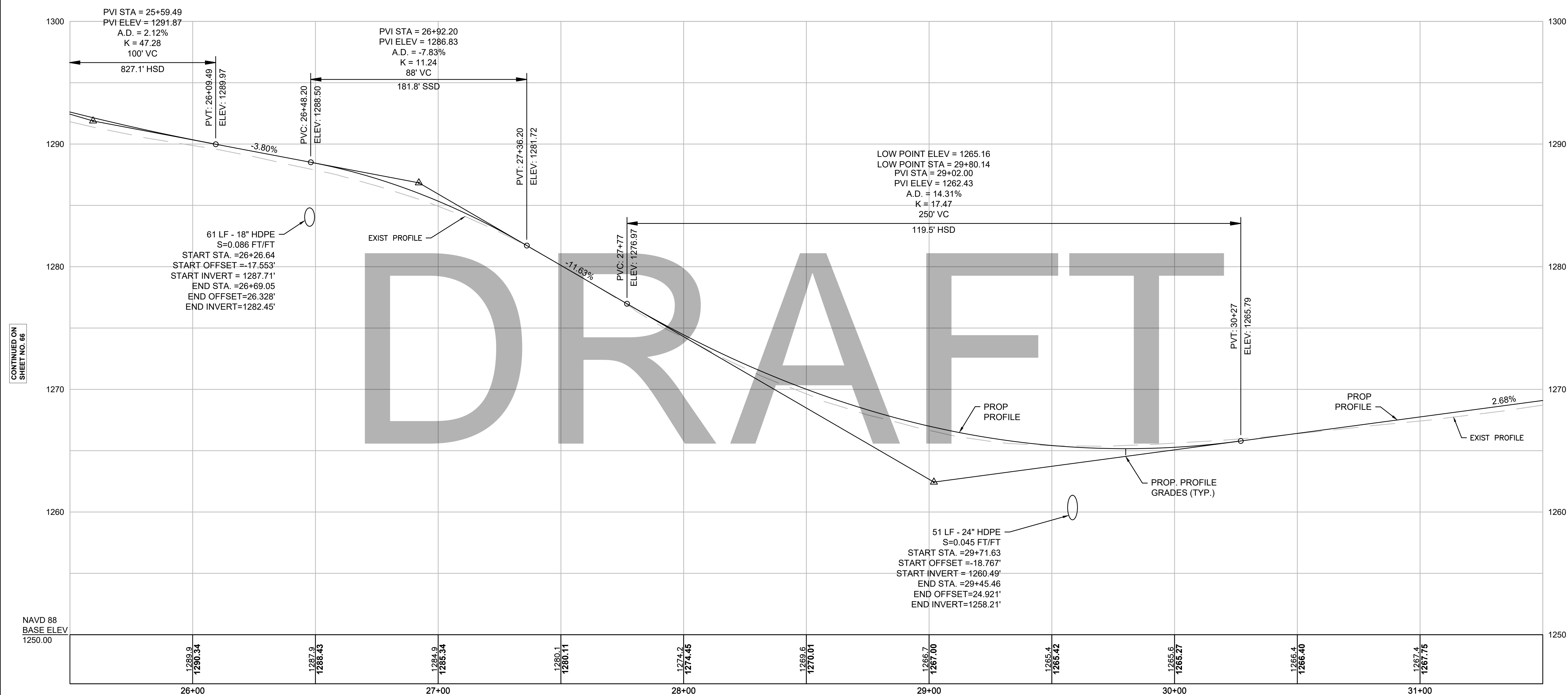
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 40, 41

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	67	282
PROJECT FILE NO.		608886	

PROFILE
DAMON POND ROAD
SHEET 14 OF 24

DAMON POND RD CONST BL

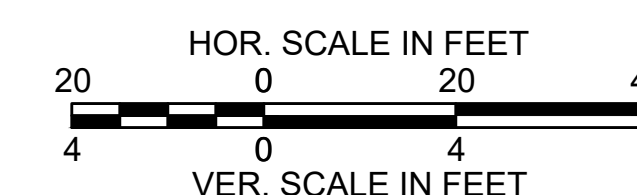


CONTINUED ON
SHEET NO. 66

CONTINUED ON
SHEET NO. 68

NAVD 88
BASE ELEV
1250.00

Temp. Benchmark #9
Nail Set in Utility Pole #53S
Elevation = 1287.62'
Sta. 28+71.20, 19.37' RT



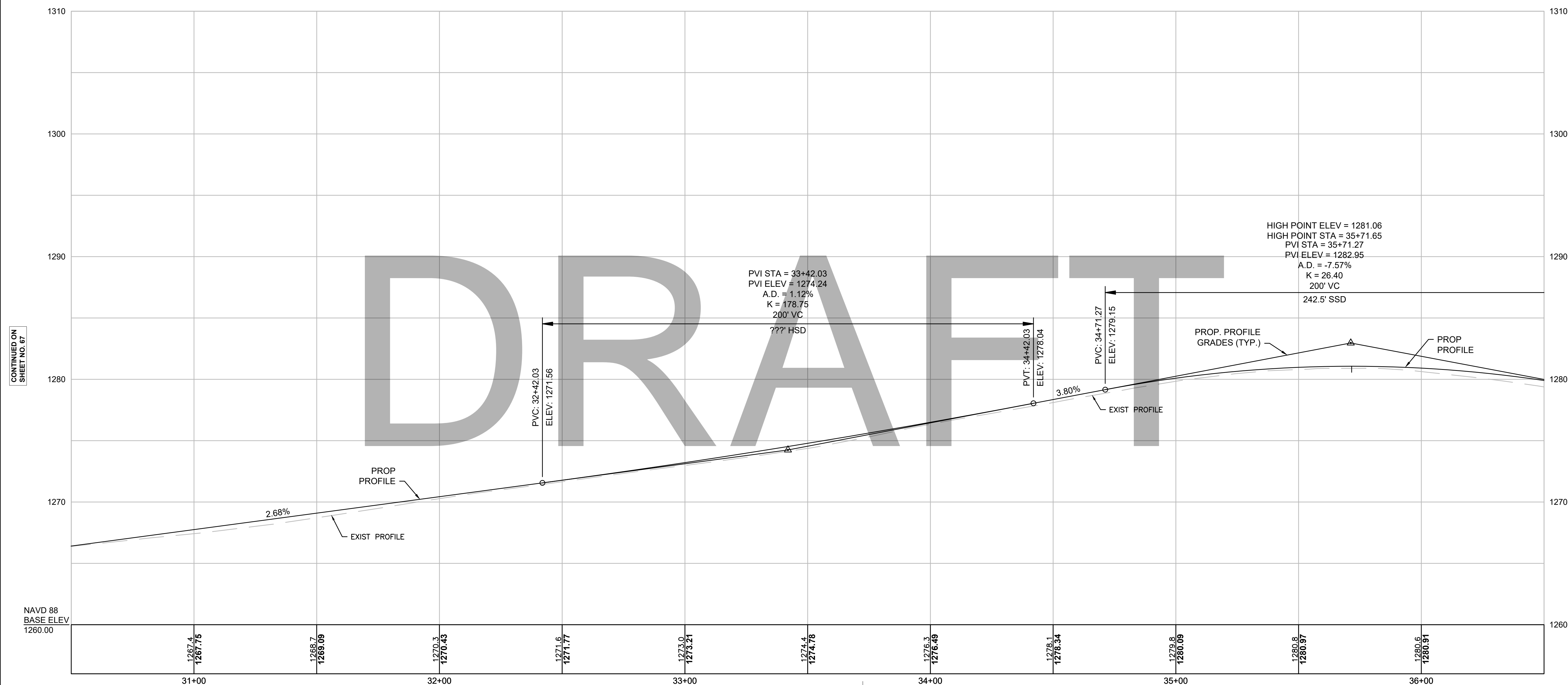
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 41, 42

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	68	282
PROJECT FILE NO. 608886			

**PROFILE
DAMON POND ROAD
SHEET 15 OF 24**

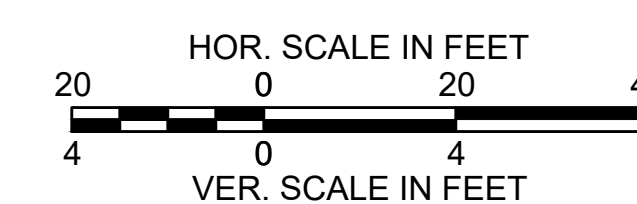
DAMON POND RD CONST BL



CONTINUED ON
SHEET NO. 67

CONTINUED ON
SHEET NO. 69

Temp. Benchmark #10
Nail Set in Utility Pole #59
Elevation = 1277.19
Sta. 33+72.58, 20.83' LT



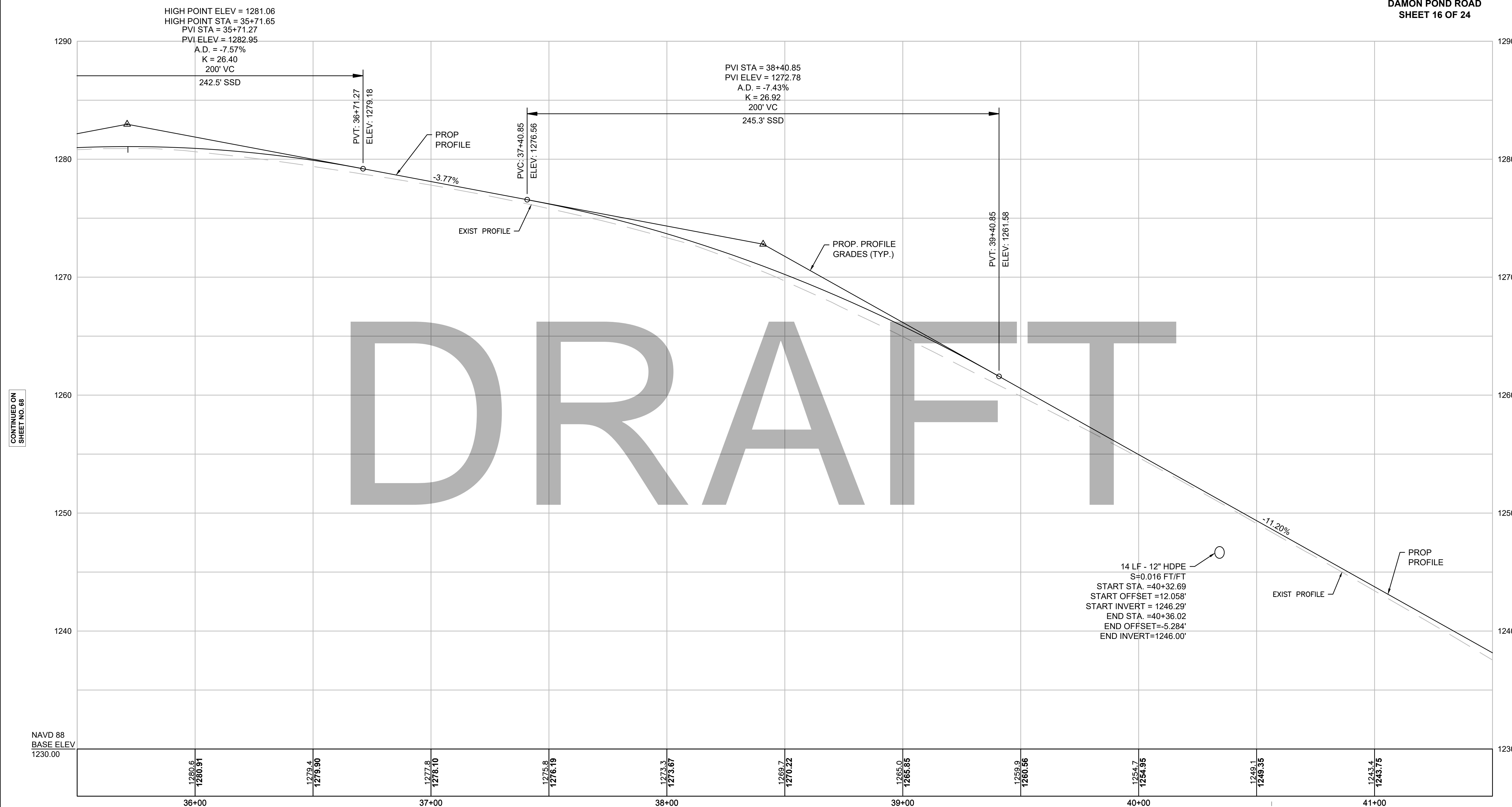
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 42, 43

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	69	282
PROJECT FILE NO. 608886			

PROFILE
DAMON POND ROAD
SHEET 16 OF 24

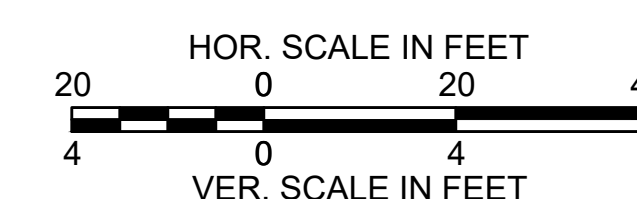
DAMON POND RD CONST BL



DRAFT

CONTINUED ON
SHEET NO. 68

CONTINUED ON
SHEET NO. 70



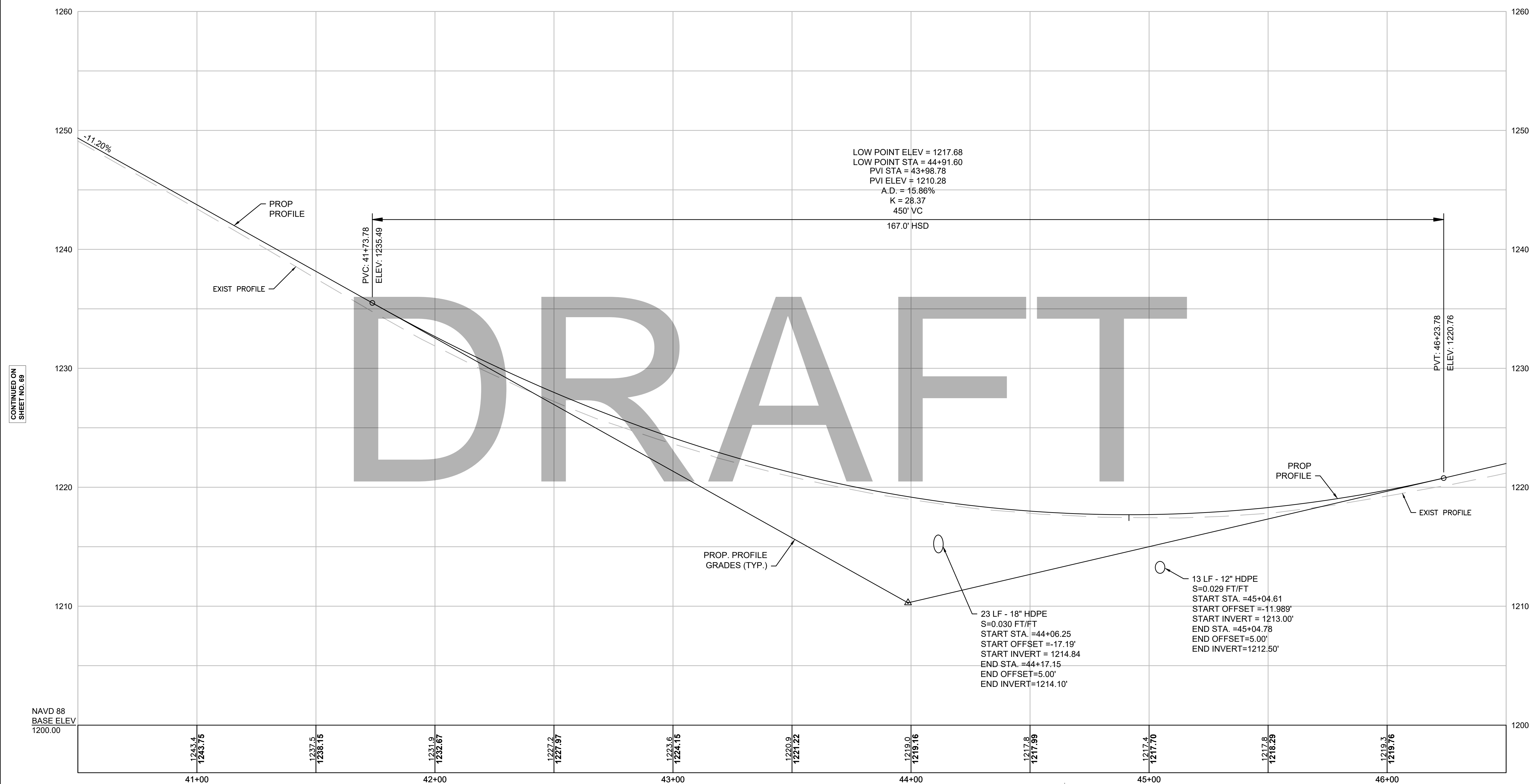
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 43

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	70	282
PROJECT FILE NO. 608886			

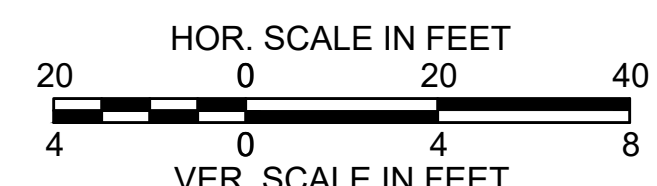
PROFILE
DAMON POND ROAD
SHEET 17 OF 24

DAMON POND RD CONST BL



CONTINUED ON
SHEET NO. 69

CONTINUED ON
SHEET NO. 71



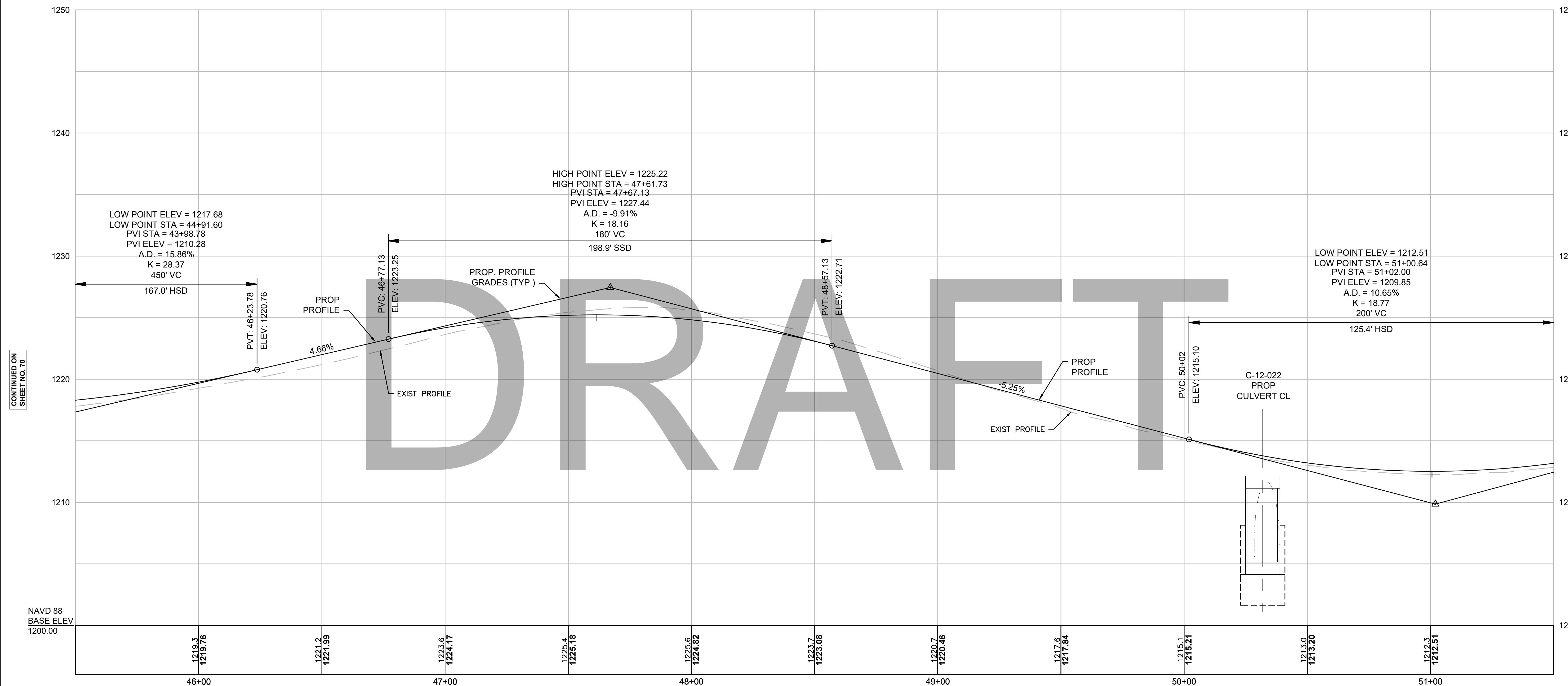
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 44

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	71	282
PROJECT FILE NO.		608886	

PROFILE
DAMON POND ROAD
SHEET 18 OF 24

DAMON POND RD CONST BL



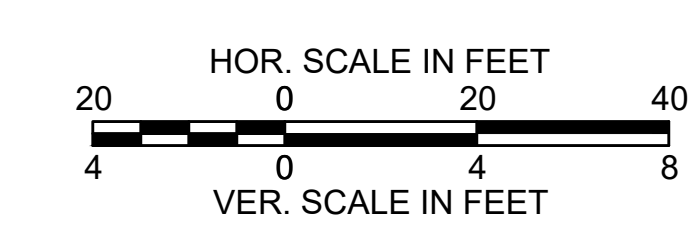
CONTINUED ON
SHEET NO. 70

CONTINUED ON
SHEET NO. 72

Temp. Benchmark #13
Nail Set in Utility Pole #69
Elevation = 1226.06
Sta. 48+31.93, 10.72 LT

STA 50+31.97 DAMON POND ROAD CONST BL =
STA 10+42.82 PROP CULVERT CL

STA 50+33.84 DAMON POND ROAD CONST BL =
STA 29+64.01 DEAD BRANCH BROOK



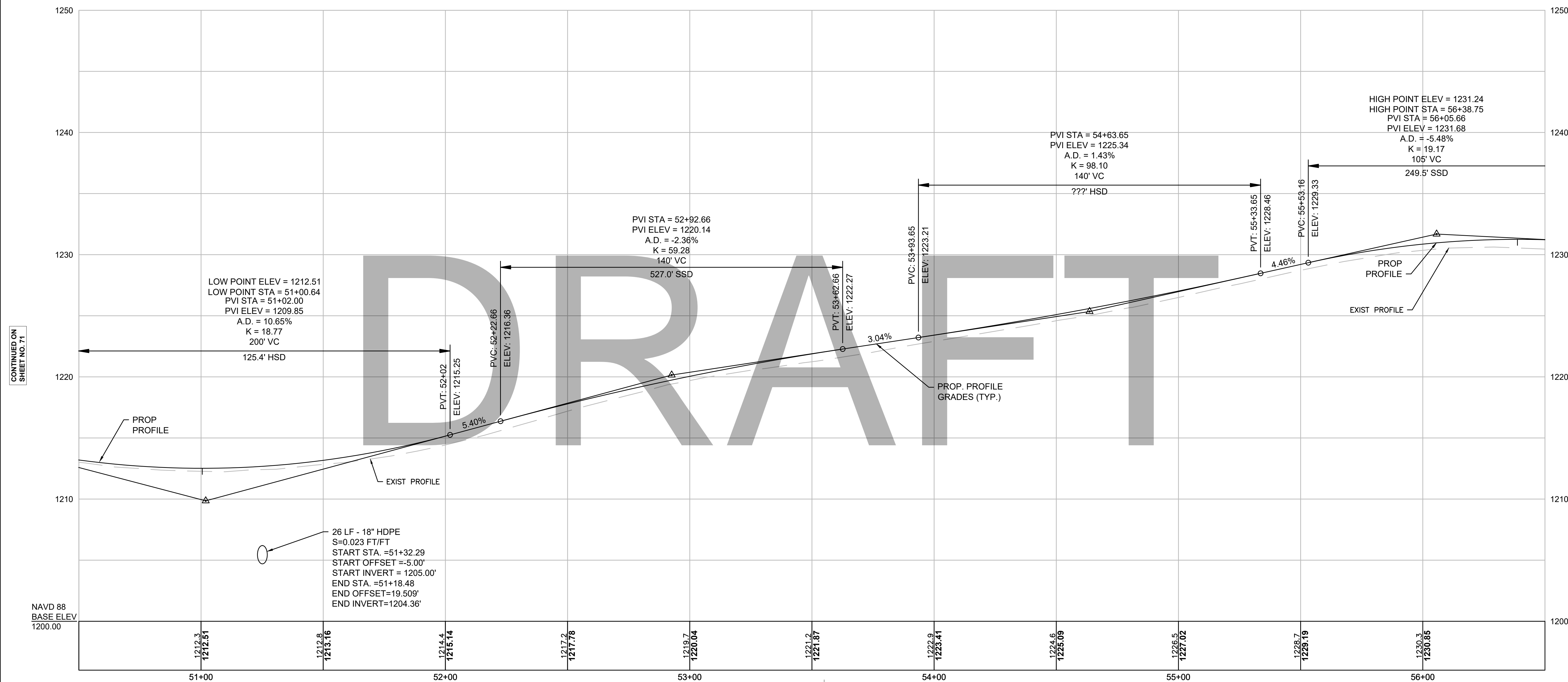
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 45

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	72	282
PROJECT FILE NO. 608886			

**PROFILE
DAMON POND ROAD
SHEET 19 OF 24**

DAMON POND RD CONST BL



CONTINUED ON
SHEET NO. 71

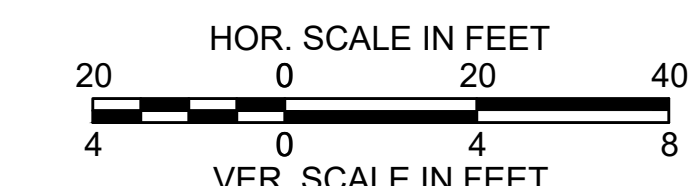
CONTINUED ON
SHEET NO. 73

NAVD 88
BASE ELEV
1200.00

26 LF - 18" HDPE
S=0.023 FT/FT
START STA. =51+32.29
START OFFSET =-5.00'
START INVERT = 1205.00'
END STA. =51+18.48
END OFFSET=19.509'
END INVERT=1204.36'

Temp. Benchmark #14
Nail Set in Utility Pole #B-71
Elevation = 1223.34'
Sta. 53+55.18, 12.75' RT

STA 54+68.36 DAMON POND ROAD CONST BL =
STA 10+00 DON EMERSON ROAD CONST BL



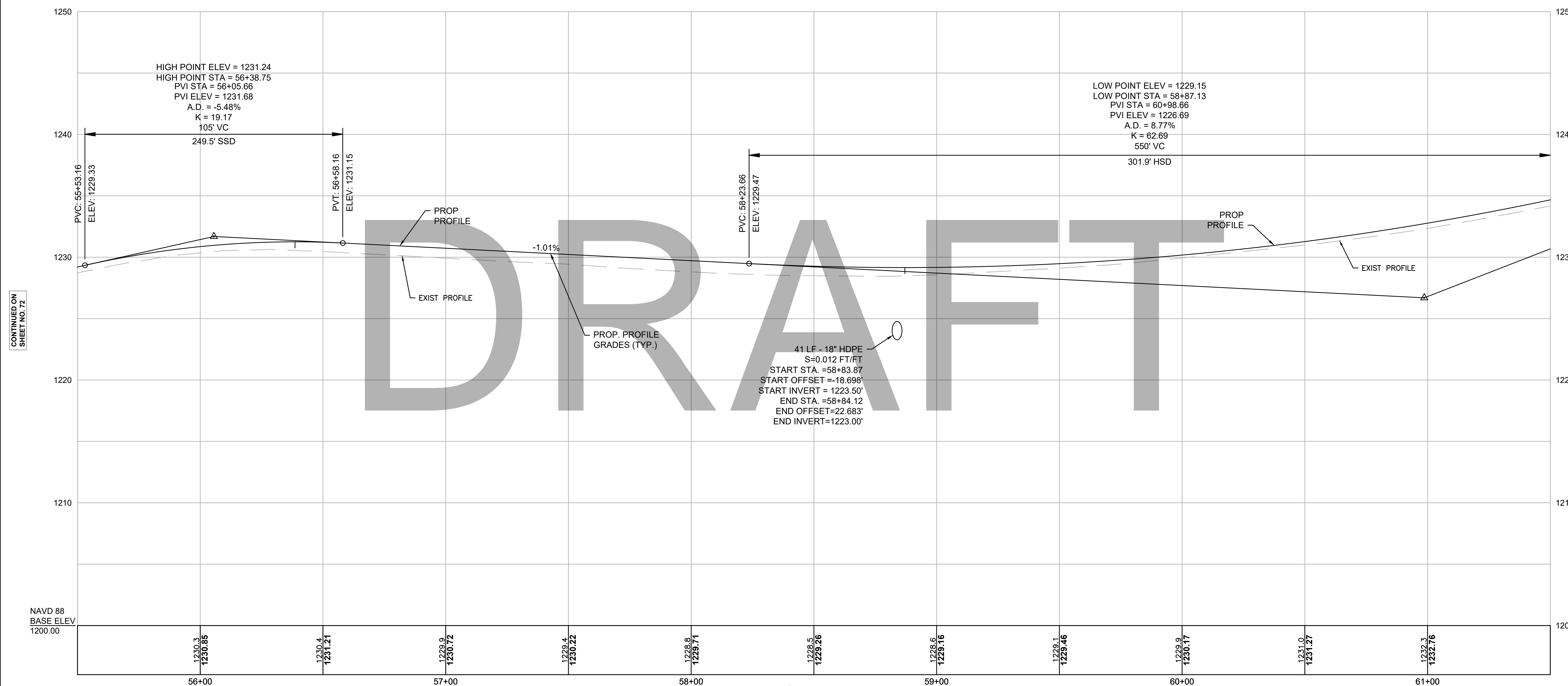
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 46

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	73	282
PROJECT FILE NO.		608886	

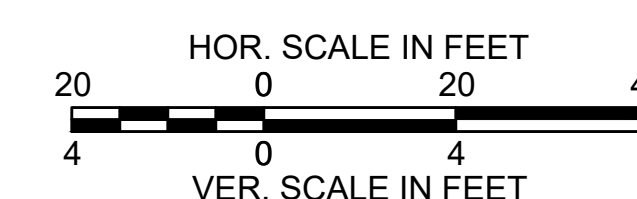
**PROFILE
DAMON POND ROAD
SHEET 20 OF 24**

DAMON POND RD CONST BL



CONTINUED ON
SHEET NO. 72

CONTINUED ON
SHEET NO. 74



FOR CONSTRUCTION PLANS:
SEE SHEET NO. 47

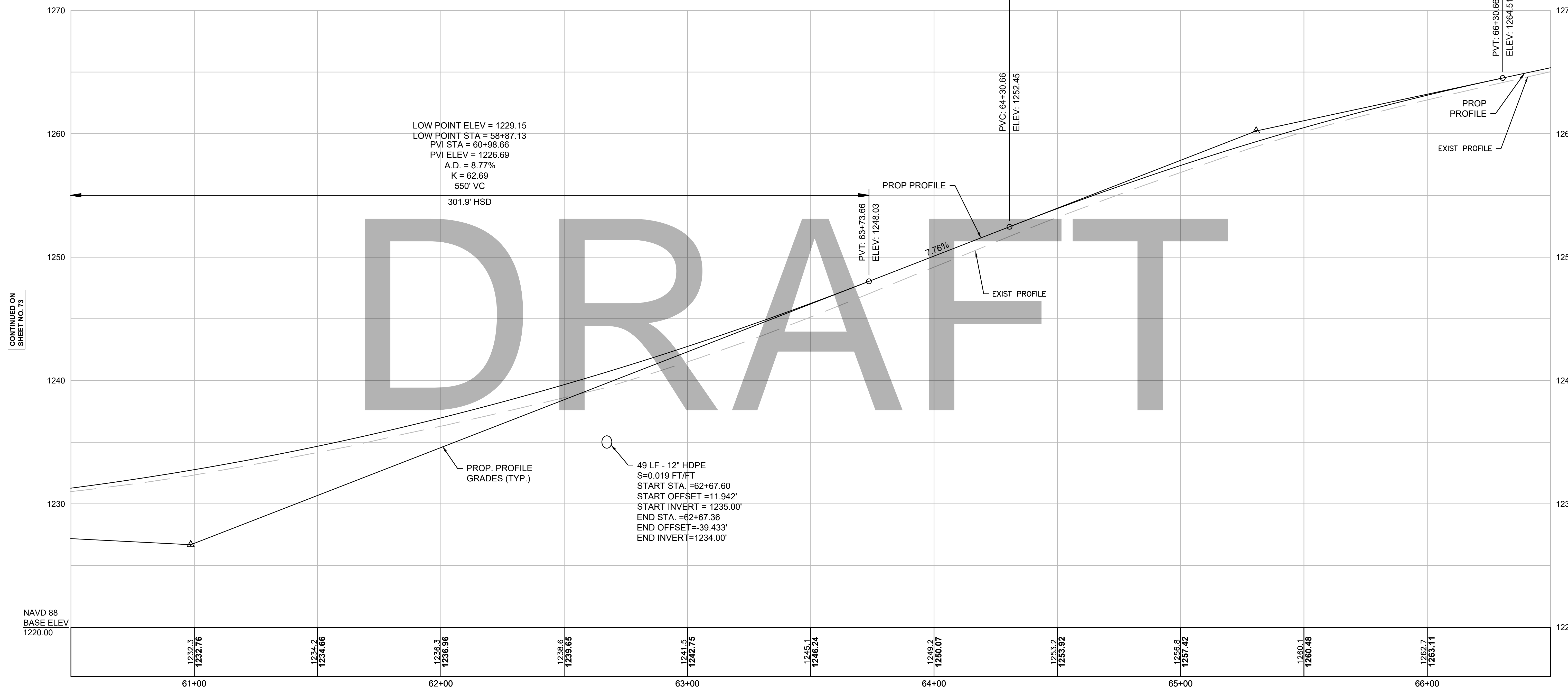
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	74	282
PROJECT FILE NO. 608886			

**PROFILE
DAMON POND ROAD
SHEET 20 OF 24**

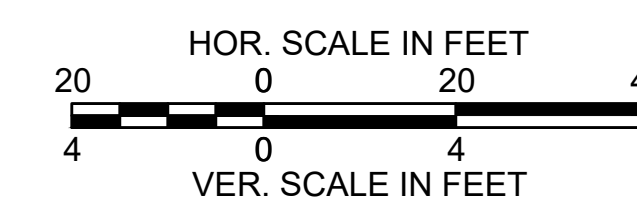
DAMON POND RD CONST BL

PVI STA = 65+30.66
PVI ELEV = 1260.21
A.D. = -3.47%
K = 57.69
200' VC
411.3' SSD



CONTINUED ON
SHEET NO. 73

CONTINUED ON
SHEET NO. 75



Temp. Benchmark #16
Nail Set in 12" Tree
Elevation = 1261.95'
Sta. 65+84.45, 21.03' LT

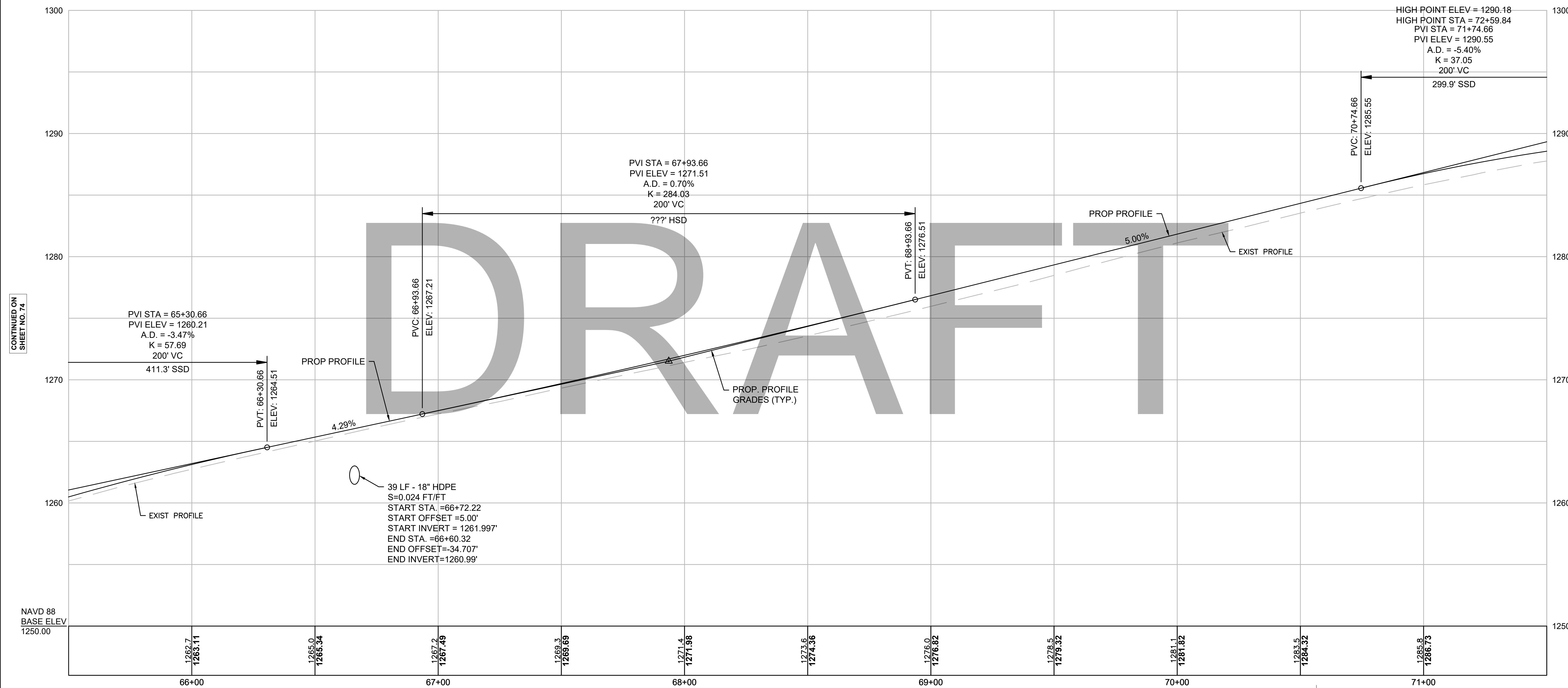
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 47, 48

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	75	282
PROJECT FILE NO.		608886	

**PROFILE
DAMON POND ROAD
SHEET 20 OF 24**

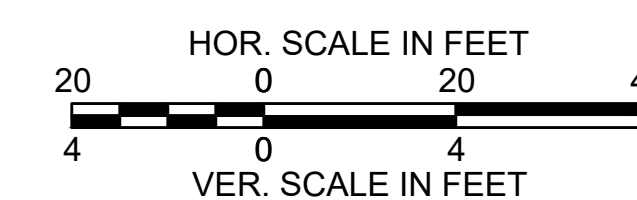
DAMON POND RD CONST BL



CONTINUED ON
SHEET NO. 74

CONTINUED ON
SHEET NO. 76

NAVD 88
BASE ELEV
1250.00



Temp. Benchmark #17
Nail Set in 30" Tree
Elevation = 1285.53
Sta. 70+56.54, 1541' LT

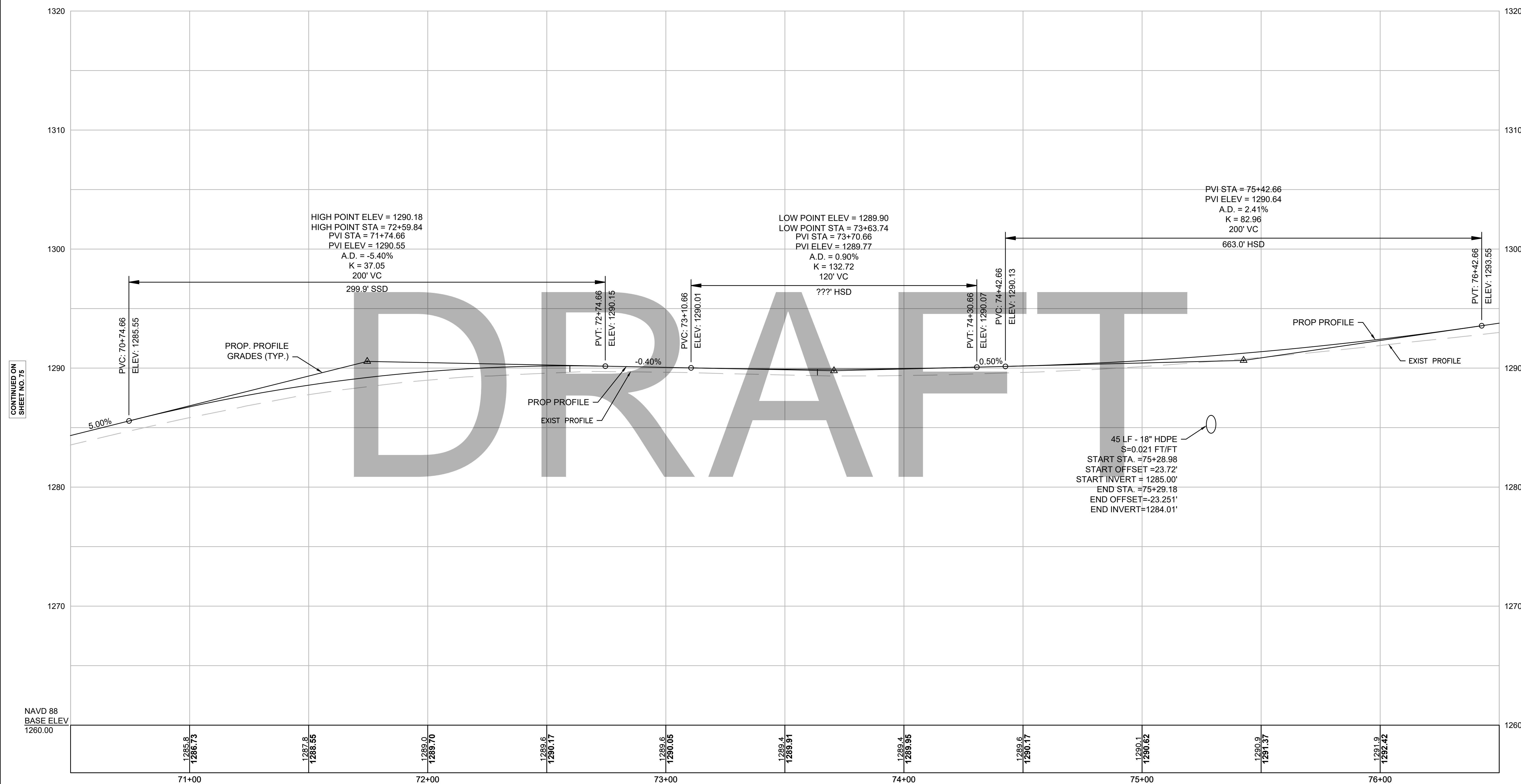
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 48, 49

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	76	282
PROJECT FILE NO.		608886	

**PROFILE
DAMON POND ROAD
SHEET 20 OF 24**

DAMON POND RD CONST BL

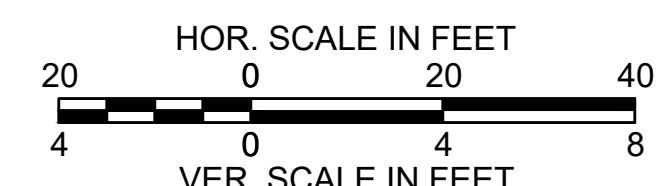


CONTINUED ON
SHEET NO. 75

CONTINUED ON
SHEET NO. 77

NAVD 88
BASE ELEV
1260.00

STA 72+60.90 DAMON POND ROAD CONST BL =
STA 10+00 SUGAR HILL ROAD EXT CONST BL



Temp. Benchmark #18
Nail Set in 32' Tree
Elevation = 1292.53
Sta. 75+95.13, 23.88' LT

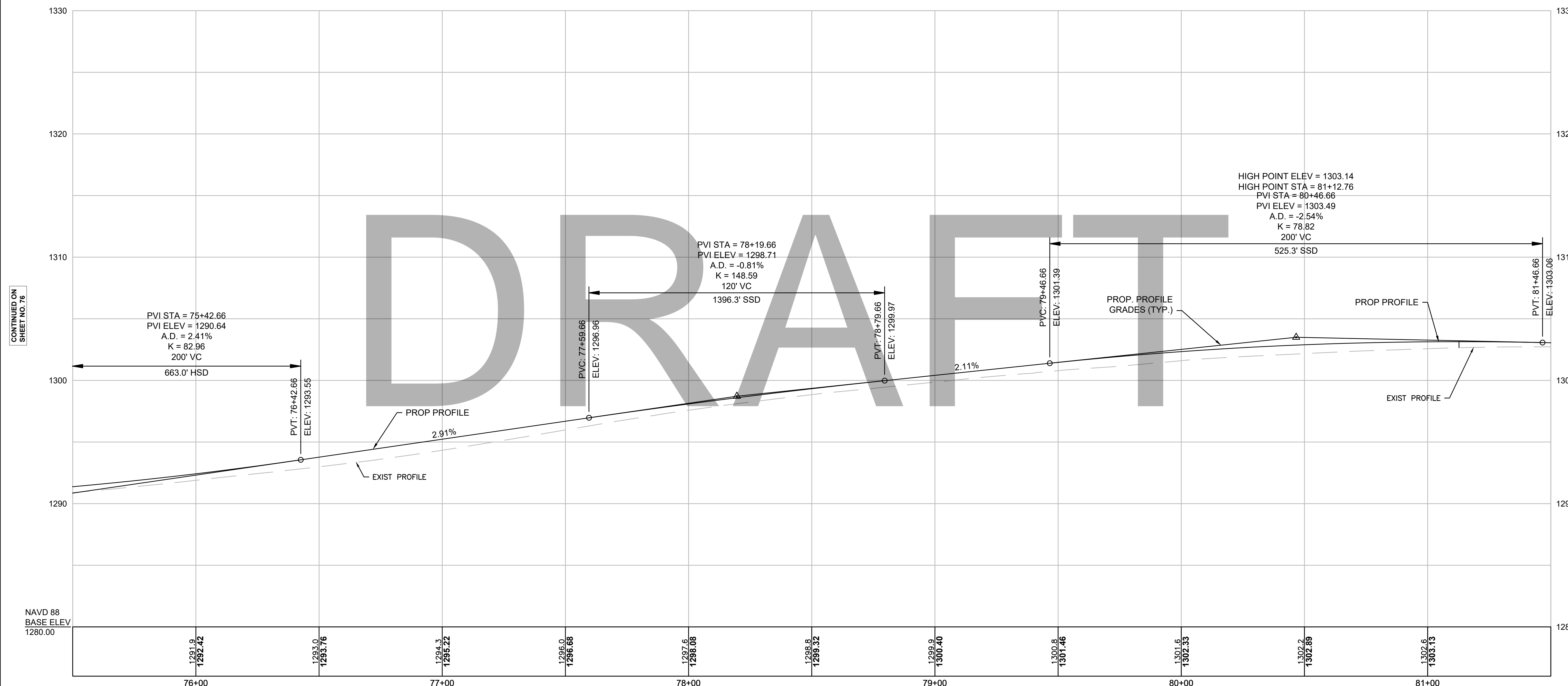
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 49, 50

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	77	282
PROJECT FILE NO. 608886			

**PROFILE
DAMON POND ROAD
SHEET 21 OF 24**

DAMON POND RD CONST BL

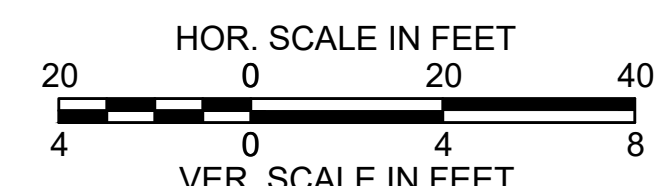


CONTINUED ON
SHEET NO. 76

CONTINUED ON
SHEET NO. 78

NAVD 88
BASE ELEV
1280.00

Temp. Benchmark #18
Nail Set in 32" Tree
Elevation = 1292.53'
Sta. 75+95.13, 23.38' LT



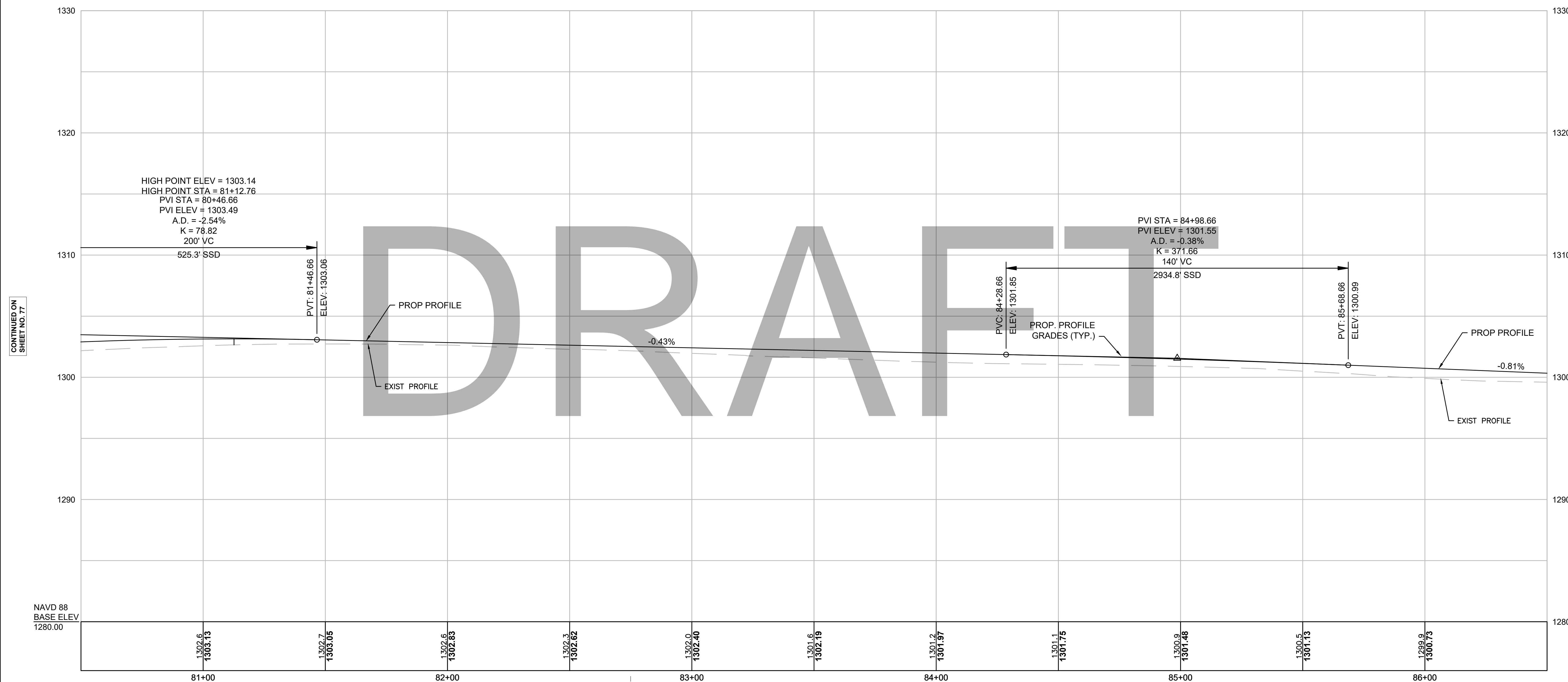
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 50, 51

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	78	282
PROJECT FILE NO.		608886	

**PROFILE
DAMON POND ROAD
SHEET 22 OF 24**

DAMON POND RD CONST BL



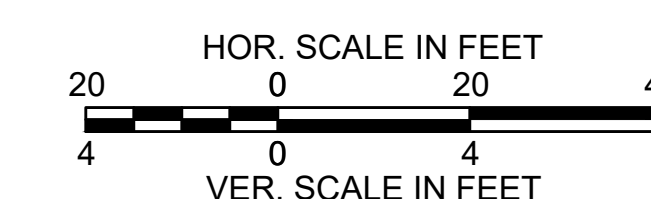
CONTINUED ON
SHEET NO. 17

CONTINUED ON
SHEET NO. 79

NAVD 88
BASE ELEV
1280.00

Temp. Benchmark #19
Nail Set in Utility Pole
Elevation = 1304.03'
Sta. 82+75.12, 16.69' LT

STA 82+98.59 DAMON POND ROAD CONST BL =
STA 10+00 SUGAR HILL ROAD CONST BL



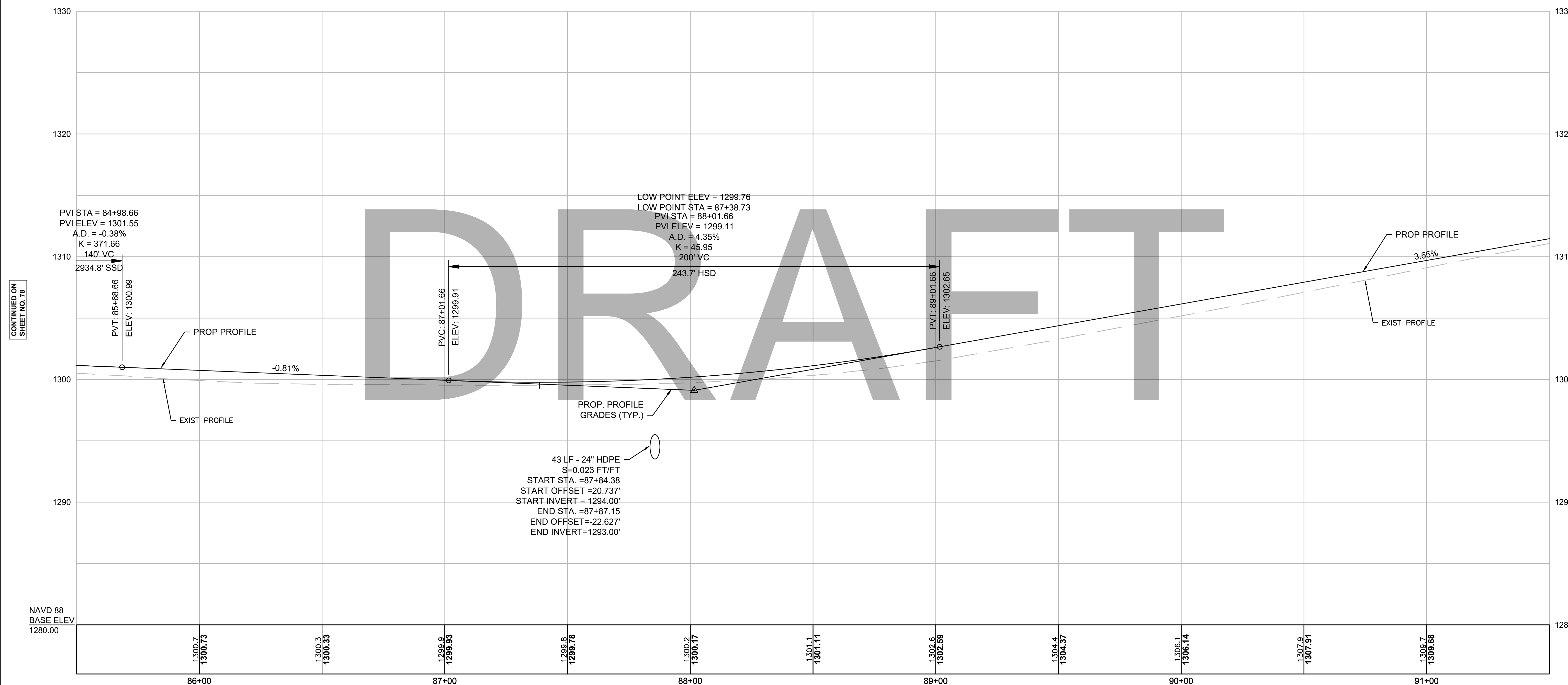
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 51, 52

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	79	282
PROJECT FILE NO.		608886	

**PROFILE
DAMON POND ROAD
SHEET 23 OF 24**

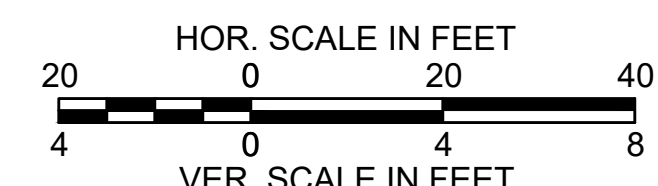
DAMON POND RD CONST BL



CONTINUED ON
SHEET NO. 78

CONTINUED ON
SHEET NO. 80

Temp. Benchmark #20
Nail Set in Utility Pole
Elevation = 1301.35'
Sta. 86+72.64, 17.57' LT



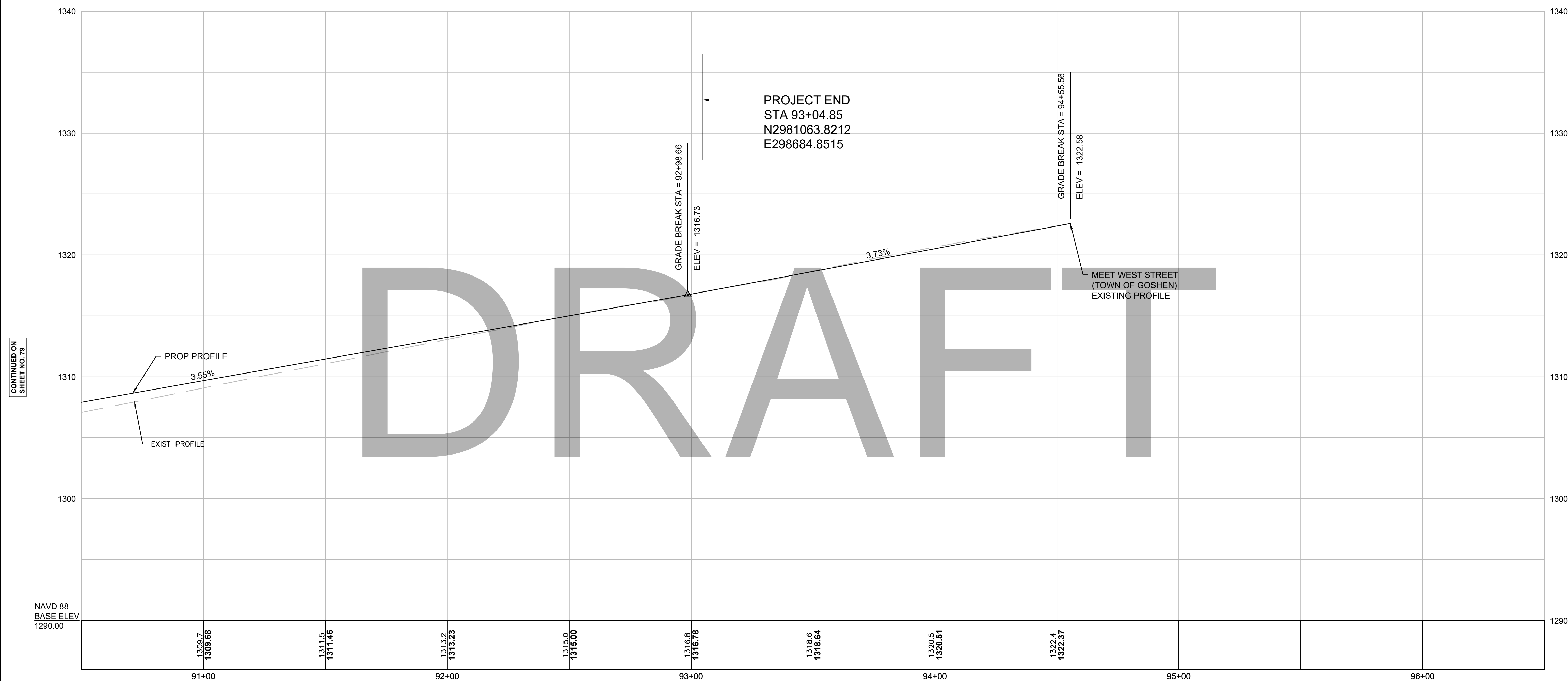
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 52, 53

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	80	282
PROJECT FILE NO.		608886	

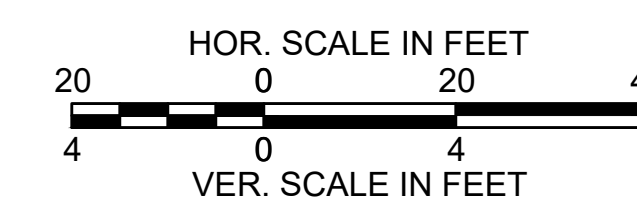
PROFILE
DAMON POND ROAD
SHEET 24 OF 24

DAMON POND RD CONST BL

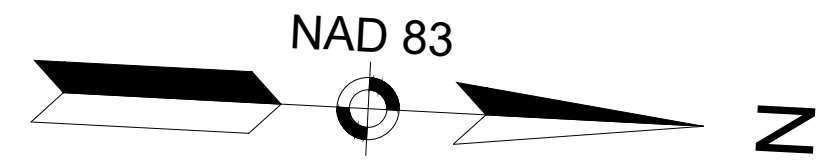


Temp. Benchmark #21
Nail Set in Utility Pole #35
Elevation = 1319.62
Sta. 92+70.55, 16.69' LT

STA 82+98.59 DAMON POND ROAD CONST BL =
STA 82+98.59 WEST STREET (TOWN OF GOSHEN)



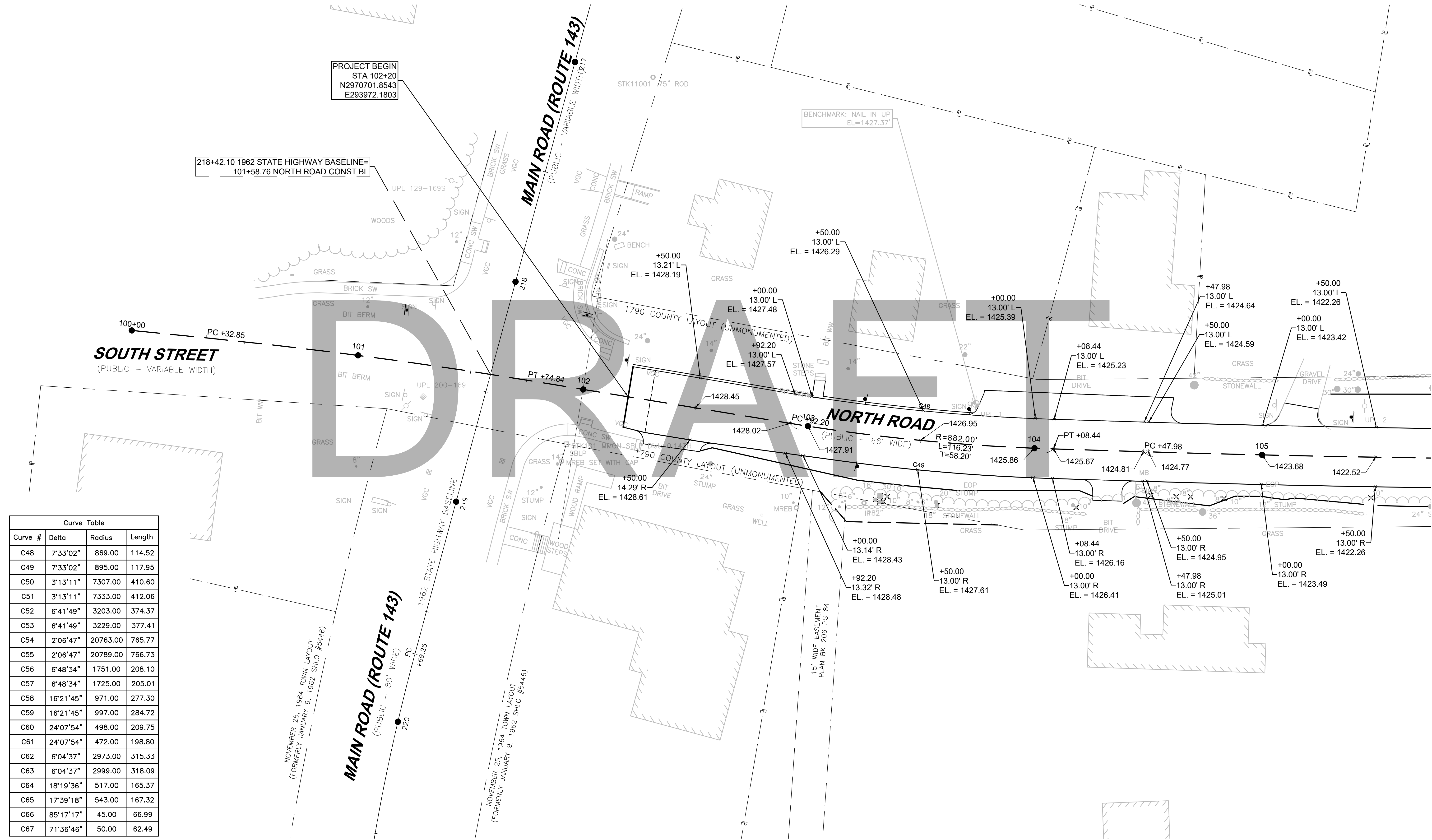
FOR CONSTRUCTION PLANS:
SEE SHEET NO. 53



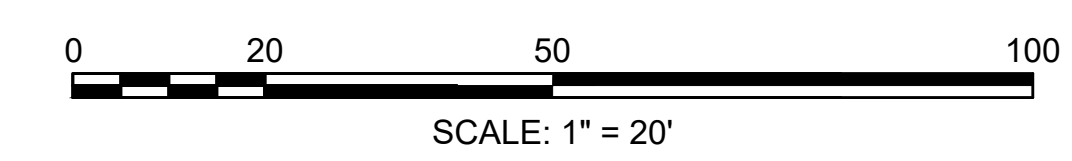
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	81	282

PROJECT FILE NO. 608886
ROADWAY TIES & GRADING PLANS
SHEET 01 OF 24

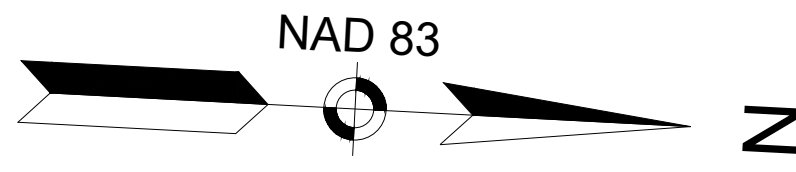


Curve Table			
Curve #	Delta	Radius	Length
C48	7°33'02"	869.00	114.52
C49	7°33'02"	895.00	117.95
C50	3°13'11"	7307.00	410.60
C51	3°13'11"	7333.00	412.06
C52	6°41'49"	3203.00	374.37
C53	6°41'49"	3229.00	377.41
C54	2°06'47"	20763.00	765.77
C55	2°06'47"	20789.00	766.73
C56	6°48'34"	1751.00	208.10
C57	6°48'34"	1725.00	205.01
C58	16°21'45"	971.00	277.30
C59	16°21'45"	997.00	284.72
C60	24°07'54"	498.00	209.75
C61	24°07'54"	472.00	198.80
C62	6°04'37"	2973.00	315.33
C63	6°04'37"	2999.00	318.09
C64	18°19'36"	517.00	165.37
C65	17°39'18"	543.00	167.32
C66	85°17'17"	45.00	66.99
C67	71°36'46"	50.00	62.49



CONTINUED ON
SHEET NO. BBB

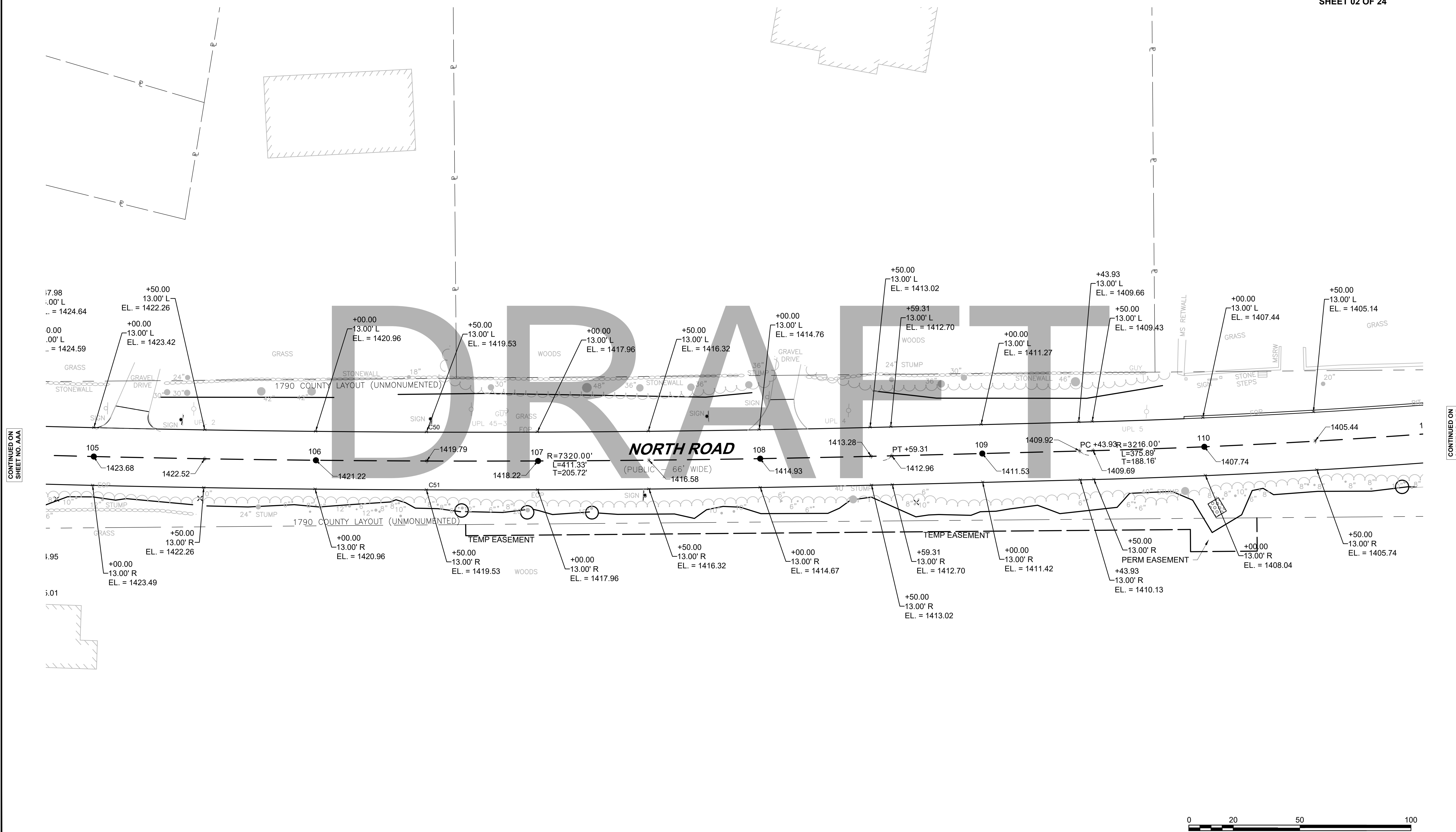
608886_HD(ROADWAY TIES & GRADING).DWG Plotted on: 21-Feb-2024 6:07 PM



CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

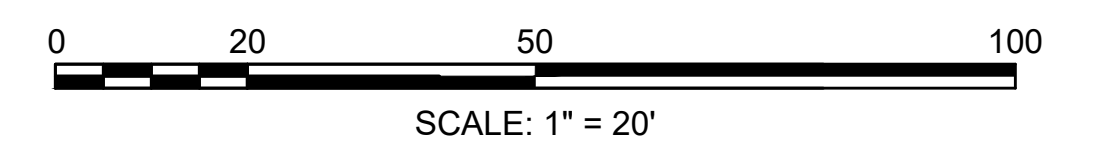
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	82	282

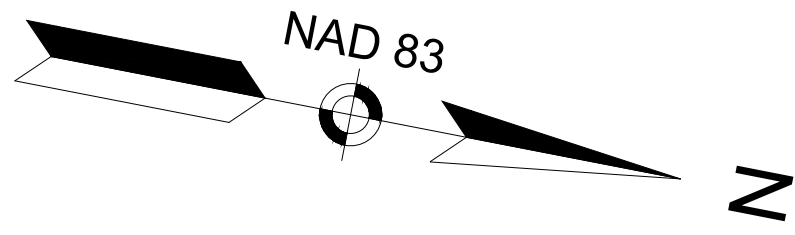
PROJECT FILE NO. 608886
ROADWAY TIES & GRADING PLANS
SHEET 02 OF 24



CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB





CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	83	282

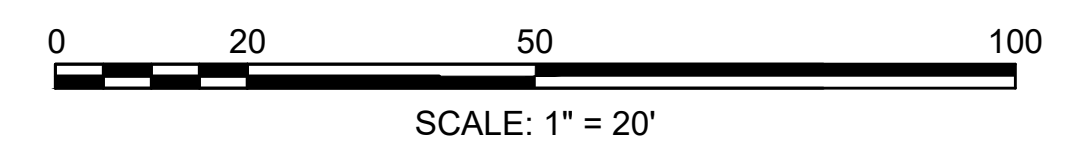
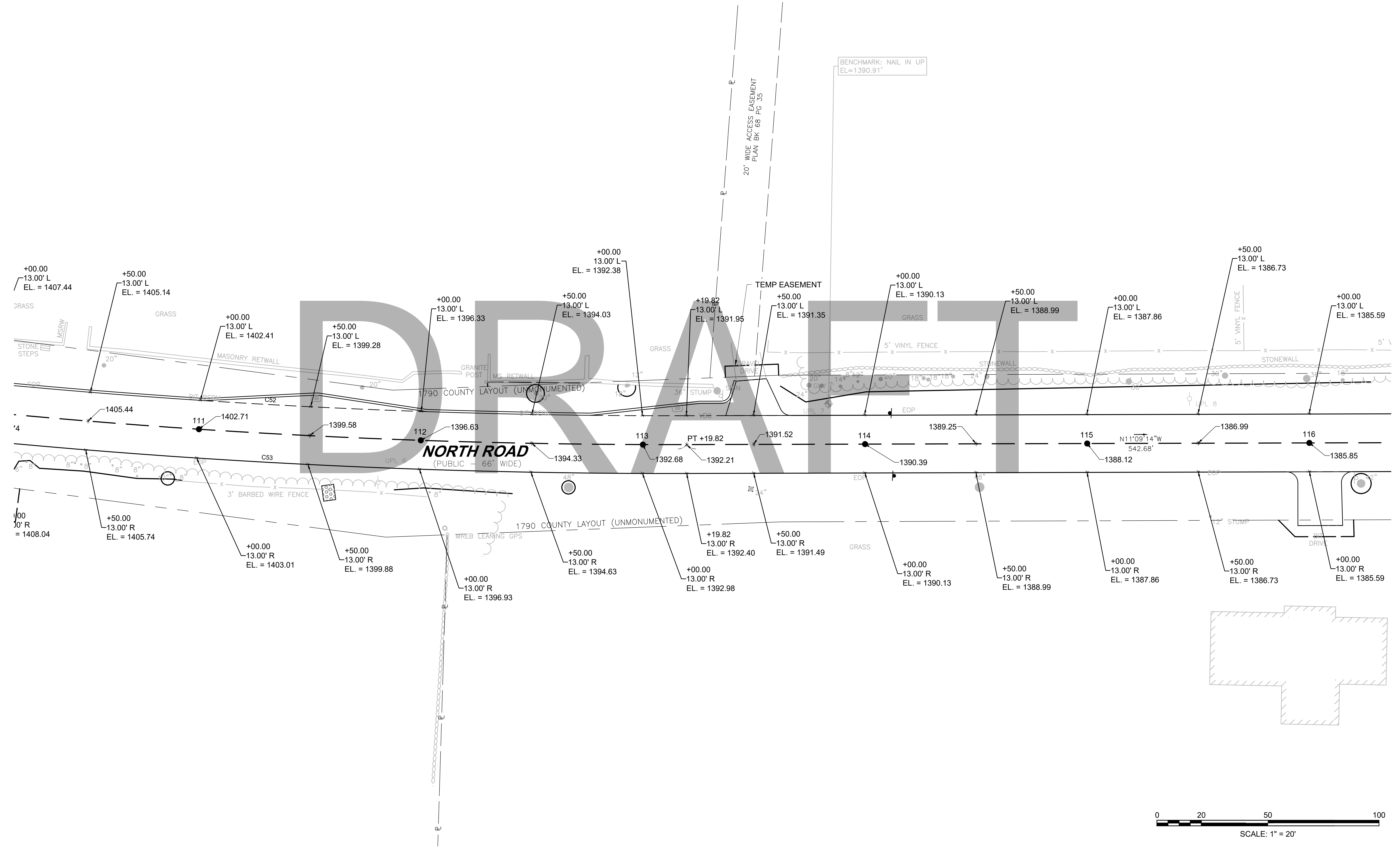
ROADWAY TIES & GRADING PLANS
SHEET 03 OF 24

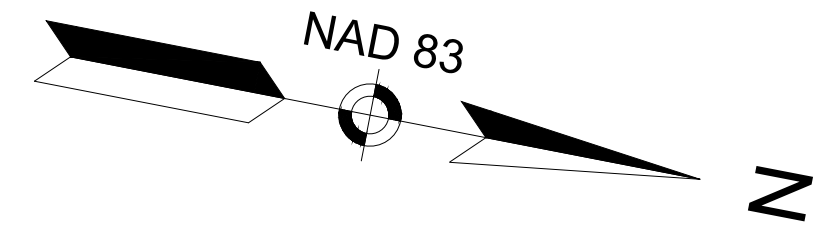
PROJECT FILE NO. 608886

Plotted on: 21-Feb-2024 6:07 PM
608886_H:\ROADWAY TIES & GRADING\DWG

CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB





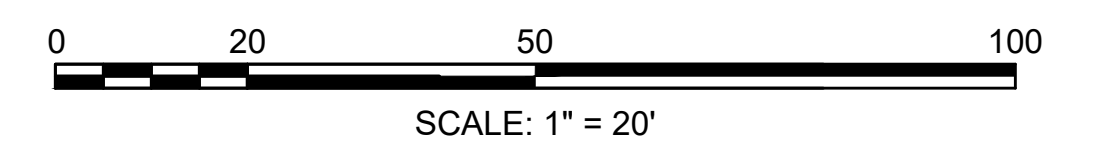
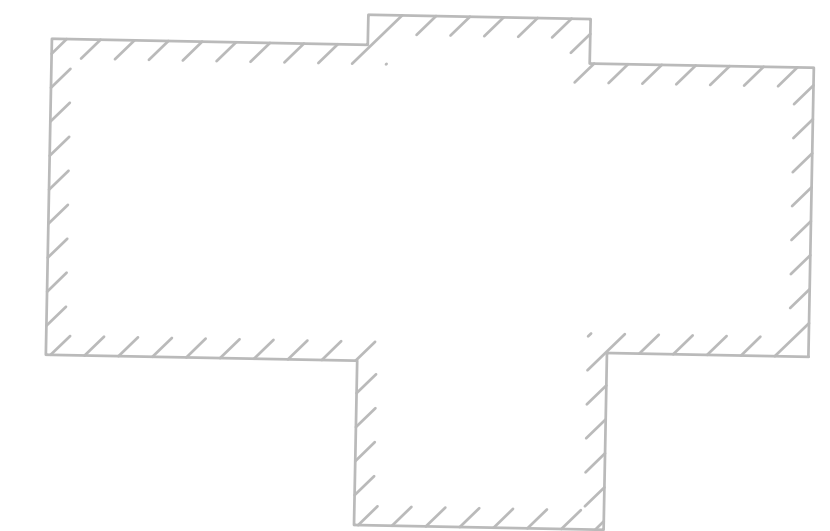
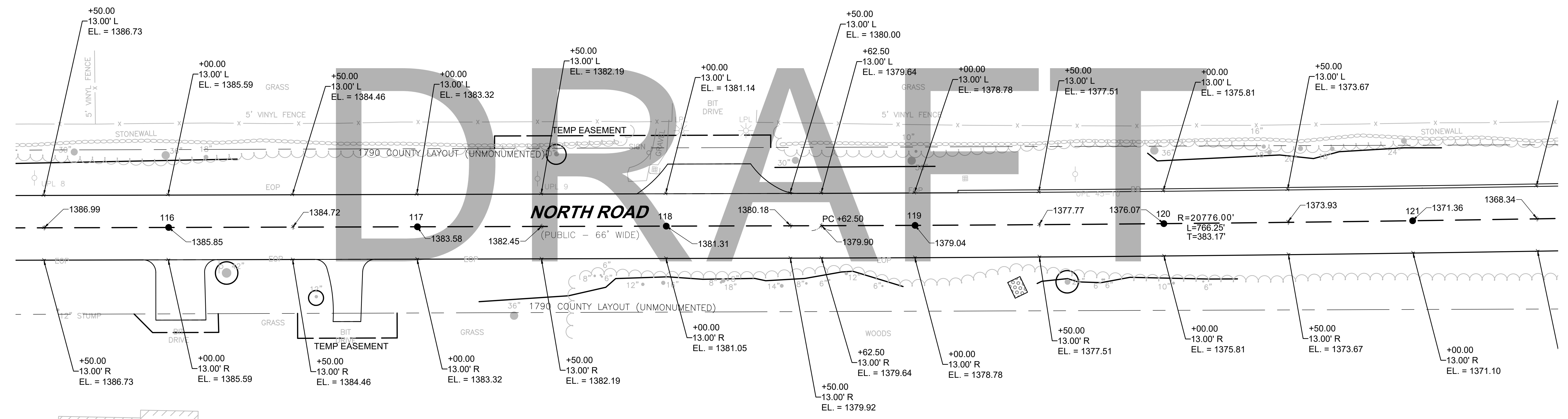
CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

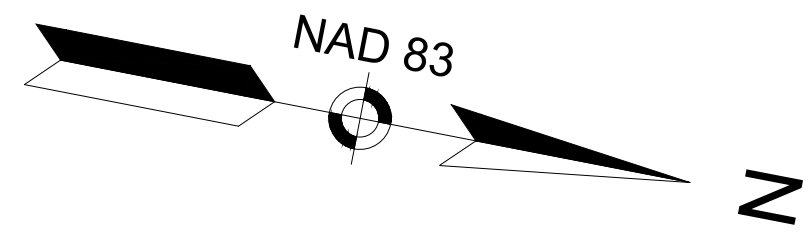
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	84	282

PROJECT FILE NO. 608886
ROADWAY TIES & GRADING PLANS
SHEET 04 OF 24

CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB





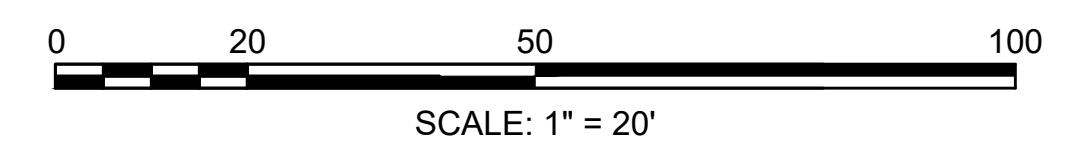
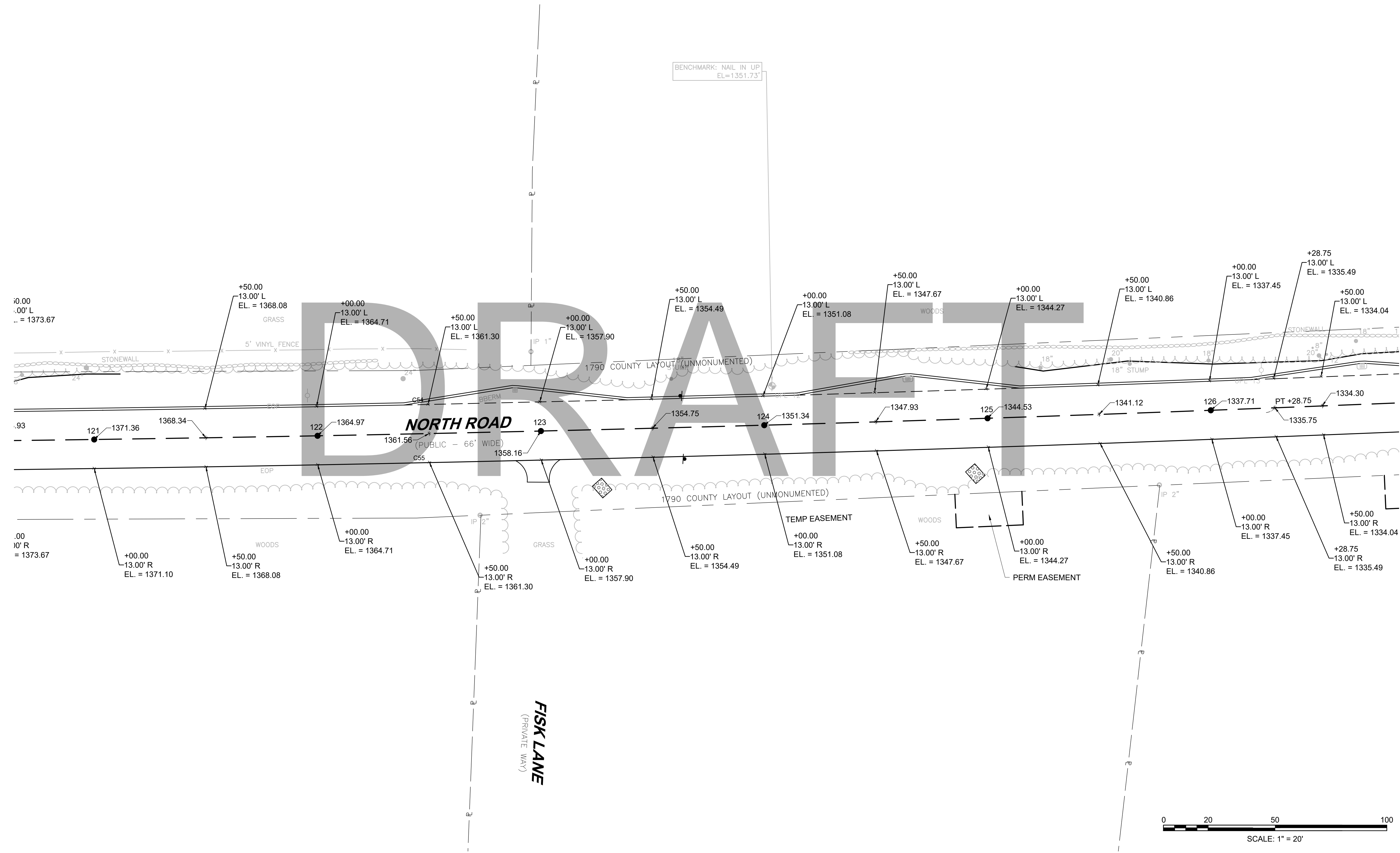
CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

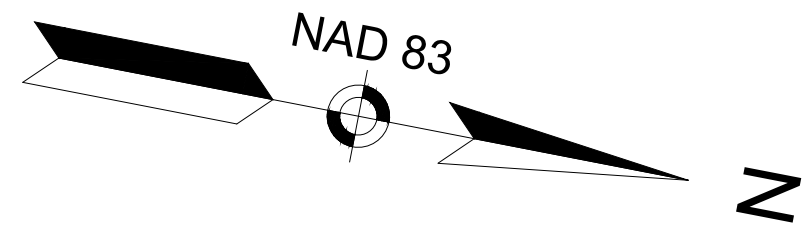
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	85	282

PROJECT FILE NO. 608886
ROADWAY TIES & GRADING PLANS
SHEET 05 OF 24

CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB





**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

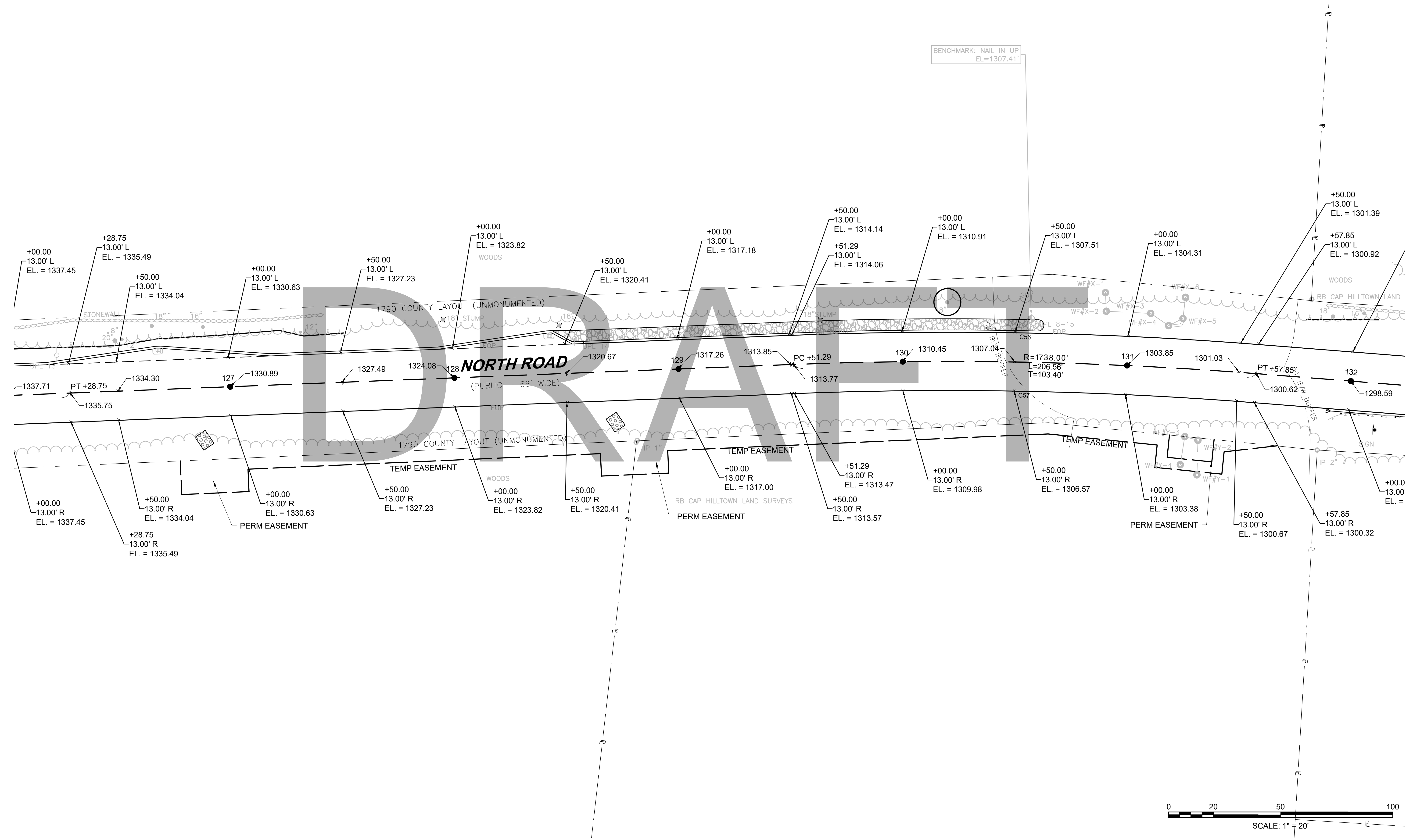
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	86	282

**ROADWAY TIES & GRADING PLANS
SHEET 06 OF 24**

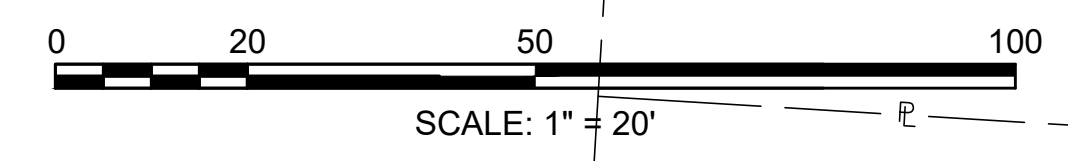
PROJECT FILE NO. 608886

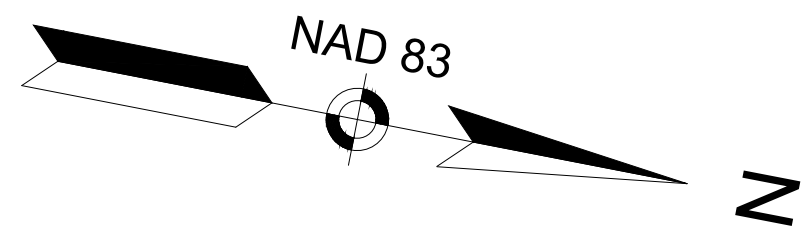
CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB



BENCHMARK: NAIL IN UP
EL.=1307.41'

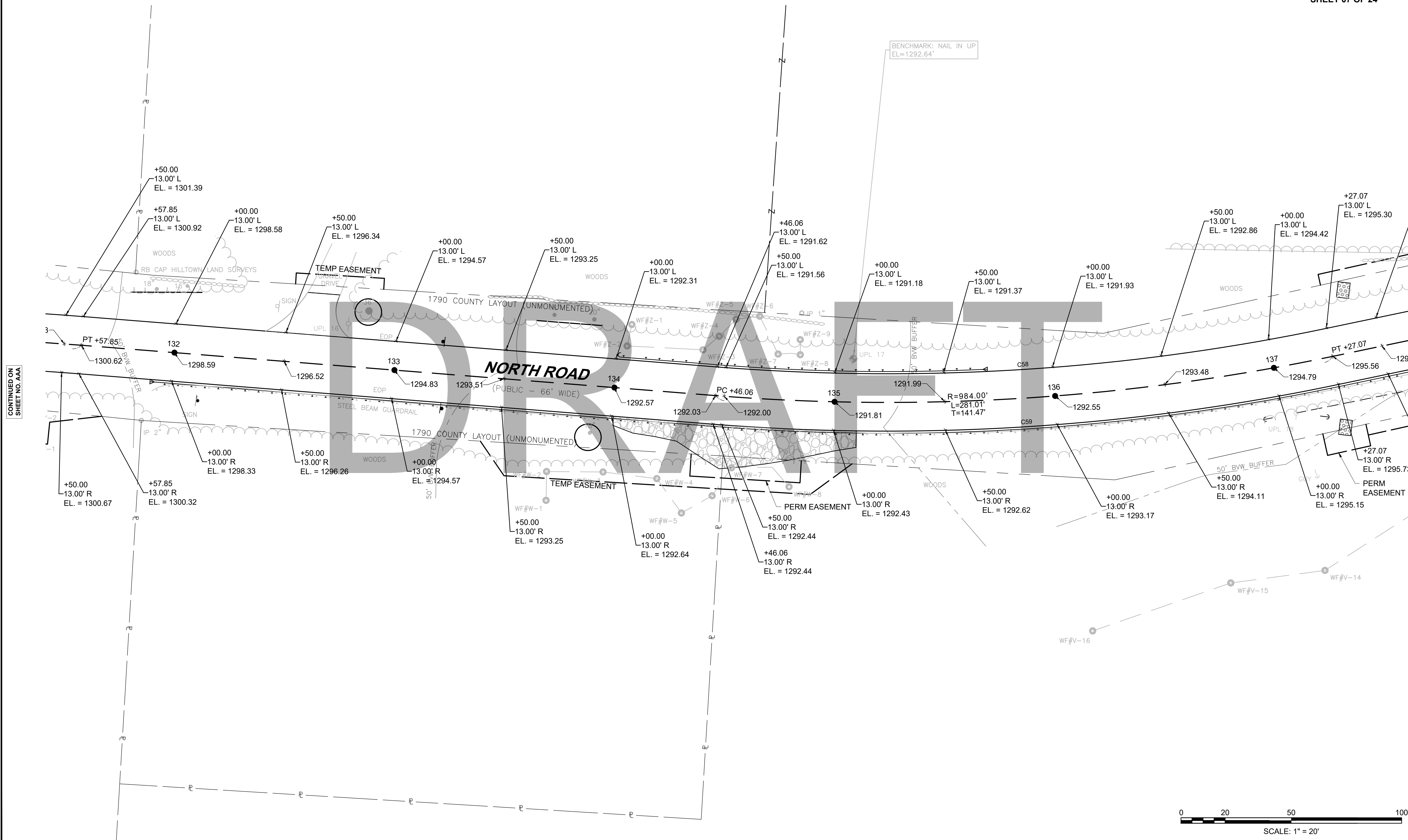




**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

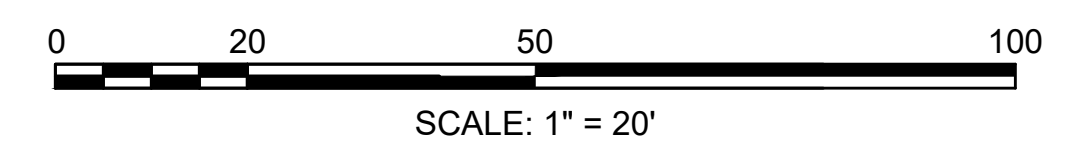
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	87	282

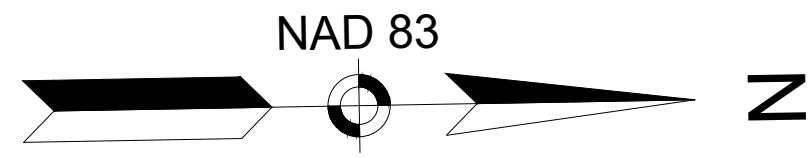
**ROADWAY TIES & GRADING PLANS
SHEET 07 OF 24**



CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB

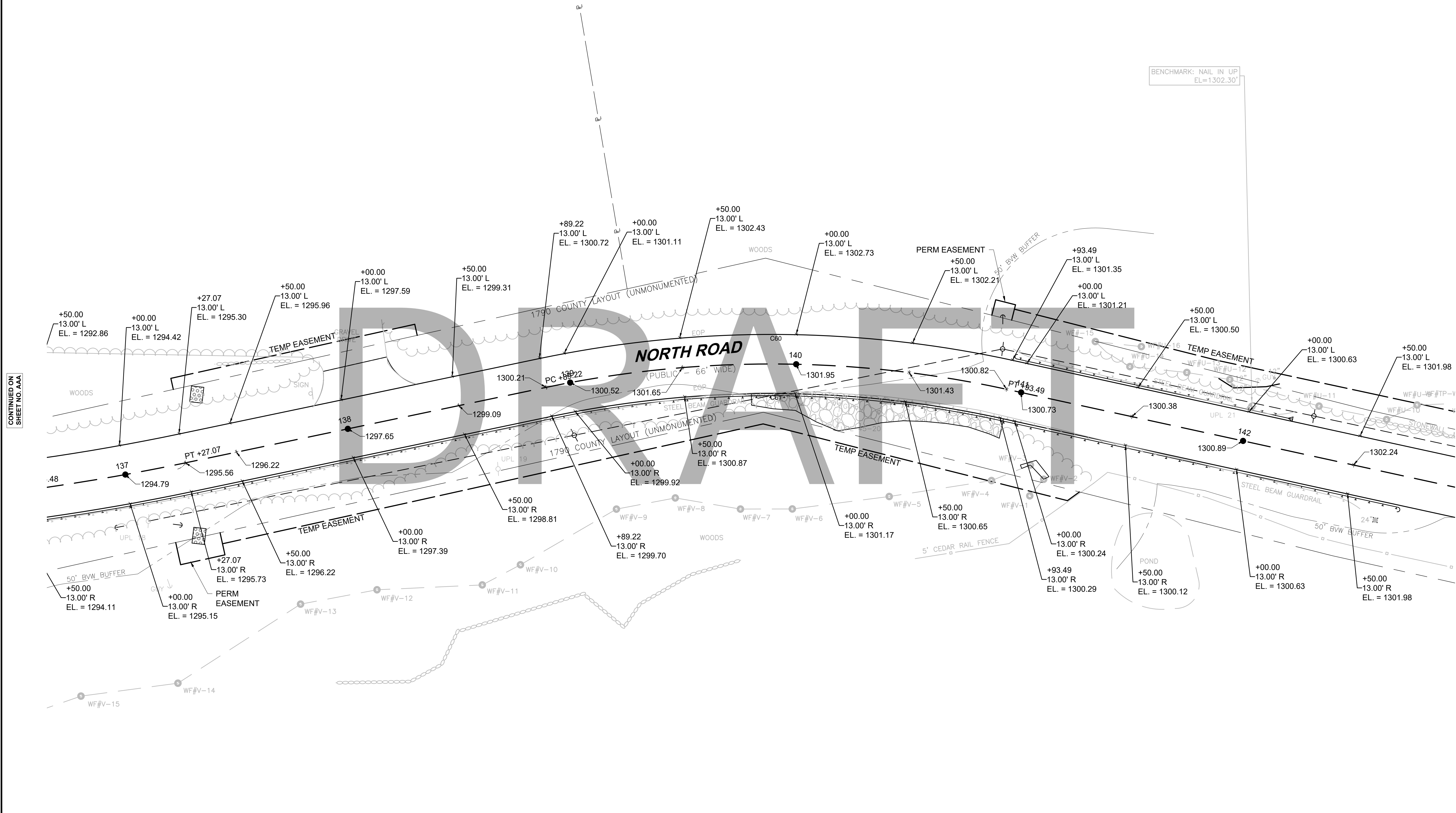




**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

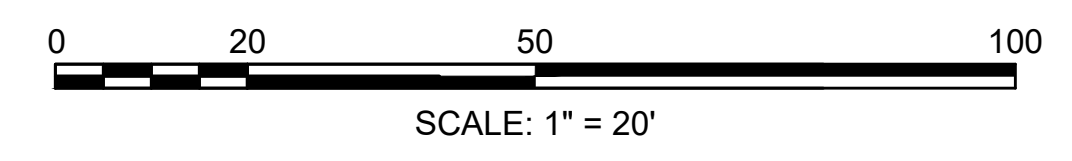
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	88	282

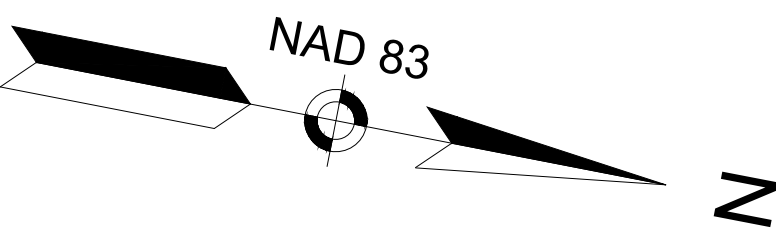
PROJECT FILE NO. 608886
ROADWAY TIES & GRADING PLANS
SHEET 08 OF 24



CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB





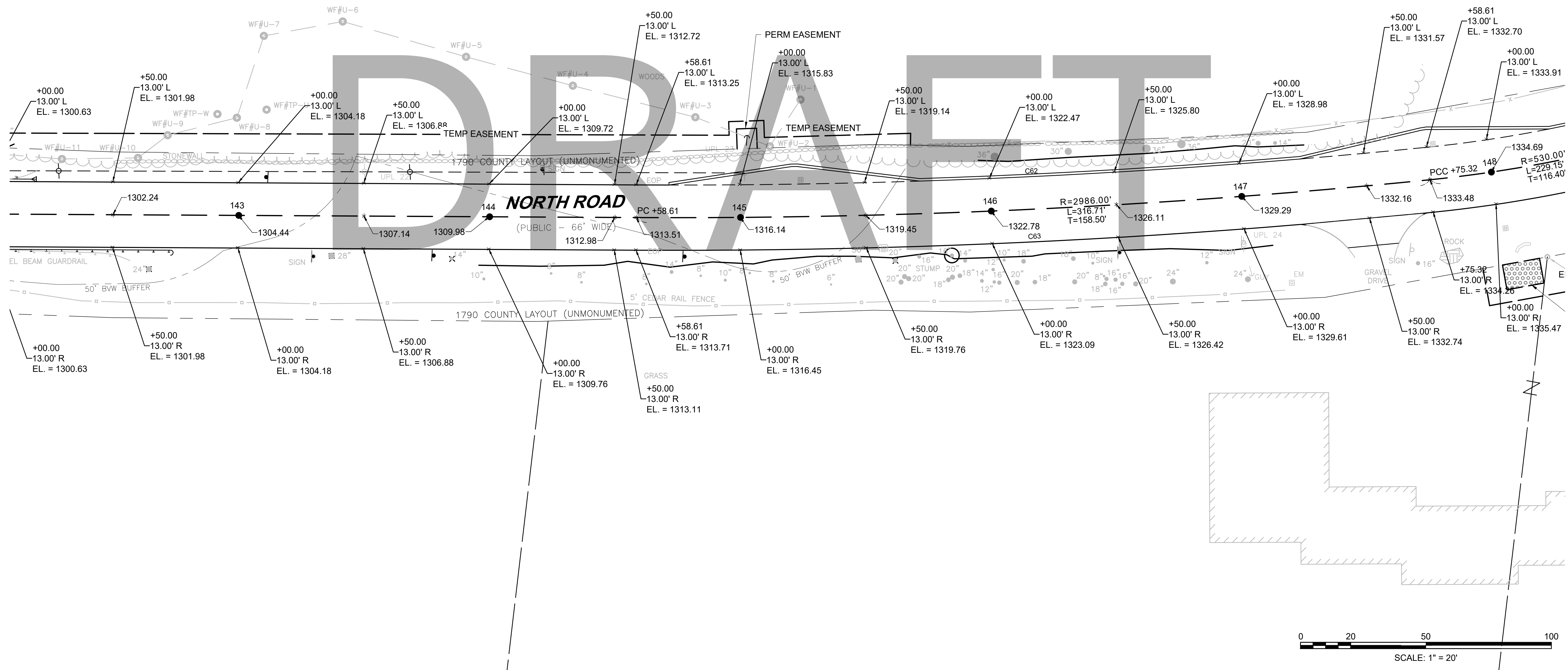
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	89	282

**ROADWAY TIES & GRADING PLANS
SHEET 09 OF 24**

CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB

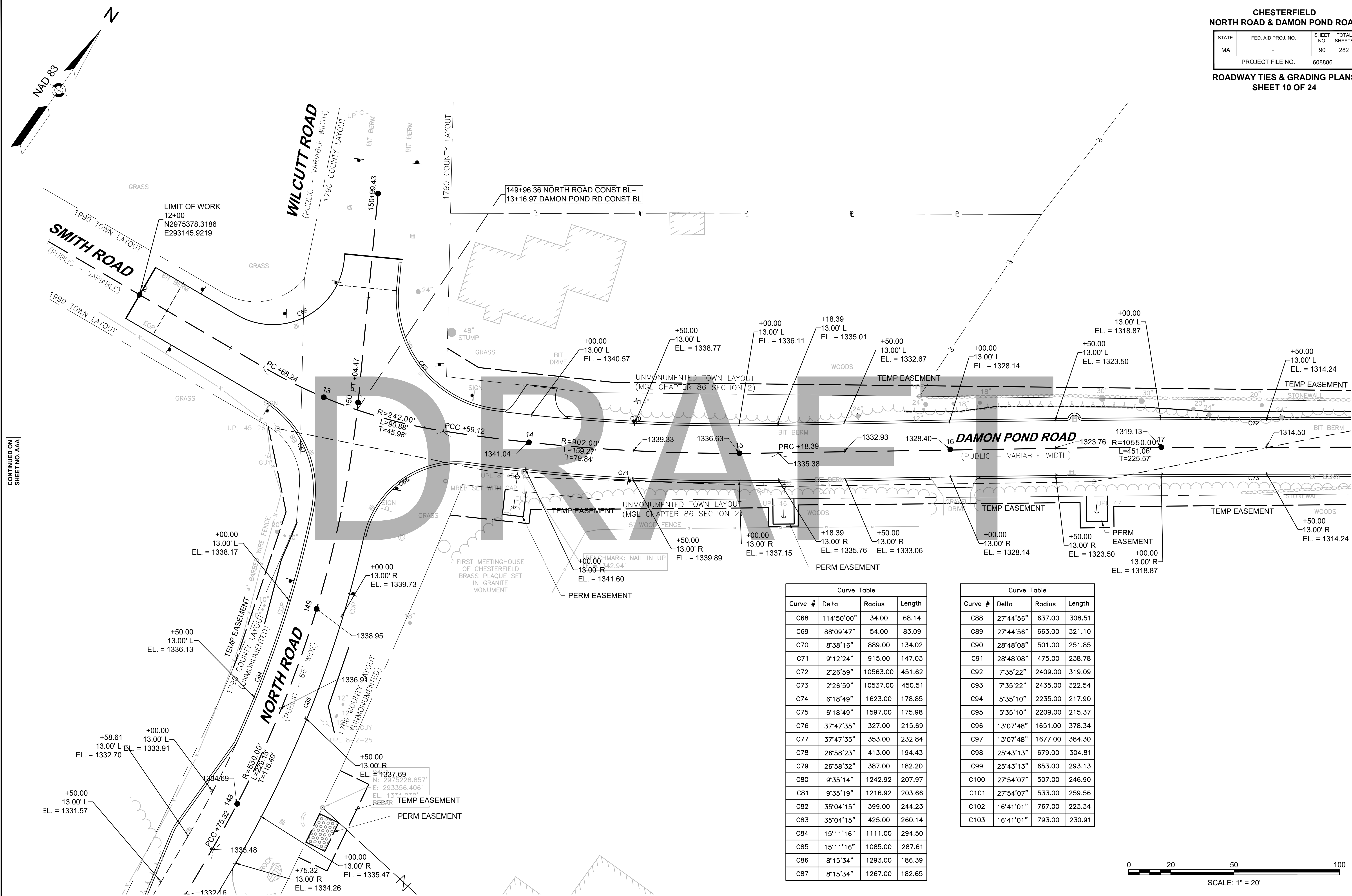


608886_H:\ROADWAY TIES & GRADING\DWG Plotted on 21-Feb-2024 6:08 PM

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	90	282

PROJECT FILE NO. 608886
ROADWAY TIES & GRADING PLANS
SHEET 10 OF 24



CONTINUED ON SHEET NO. AAA

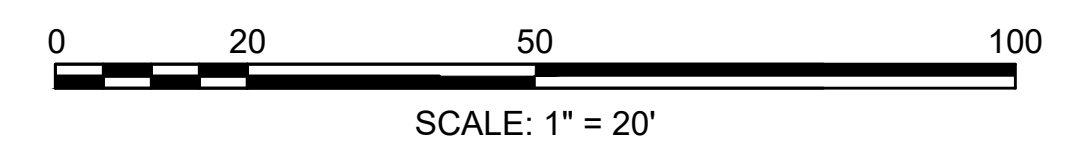
CONTINUED ON SHEET NO. BBB

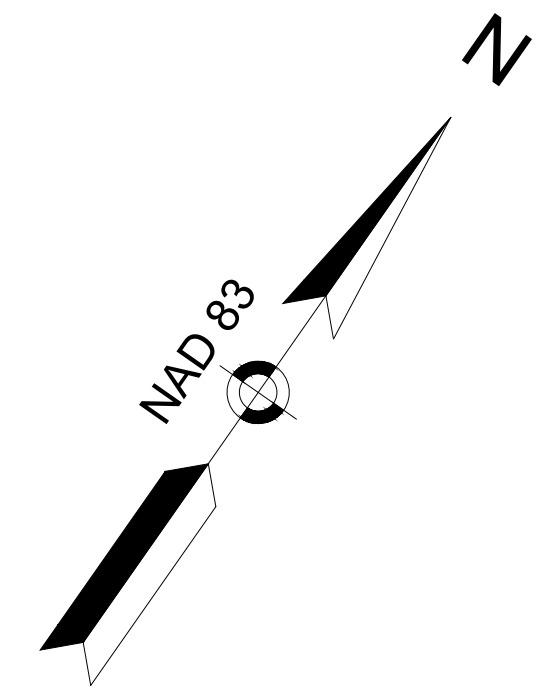
Curve Table

Curve #	Delta	Radius	Length
C68	114°50'00"	34.00	68.14
C69	88°09'47"	54.00	83.09
C70	8°38'16"	889.00	134.02
C71	9°12'24"	915.00	147.03
C72	2°26'59"	10563.00	451.62
C73	2°26'59"	10537.00	450.51
C74	6°18'49"	1623.00	178.85
C75	6°18'49"	1597.00	175.98
C76	37°47'35"	327.00	215.69
C77	37°47'35"	353.00	232.84
C78	26°58'23"	413.00	194.43
C79	26°58'32"	387.00	182.20
C80	9°35'14"	1242.92	207.97
C81	9°35'19"	1216.92	203.66
C82	35°04'15"	399.00	244.23
C83	35°04'15"	425.00	260.14
C84	15°11'16"	1111.00	294.50
C85	15°11'16"	1085.00	287.61
C86	8°15'34"	1293.00	186.39
C87	8°15'34"	1267.00	182.65

Curve Table

Curve #	Delta	Radius	Length
C88	27°44'56"	637.00	308.51
C89	27°44'56"	663.00	321.10
C90	28°48'08"	501.00	251.85
C91	28°48'08"	475.00	238.78
C92	7°35'22"	2409.00	319.09
C93	7°35'22"	2435.00	322.54
C94	5°35'10"	2235.00	217.90
C95	5°35'10"	2209.00	215.37
C96	13°07'48"	1651.00	378.34
C97	13°07'48"	1677.00	384.30
C98	25°43'13"	679.00	304.81
C99	25°43'13"	653.00	293.13
C100	27°54'07"	507.00	246.90
C101	27°54'07"	533.00	259.56
C102	16°41'01"	767.00	223.34
C103	16°41'01"	793.00	230.91





CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

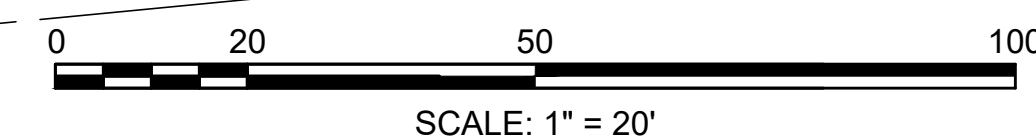
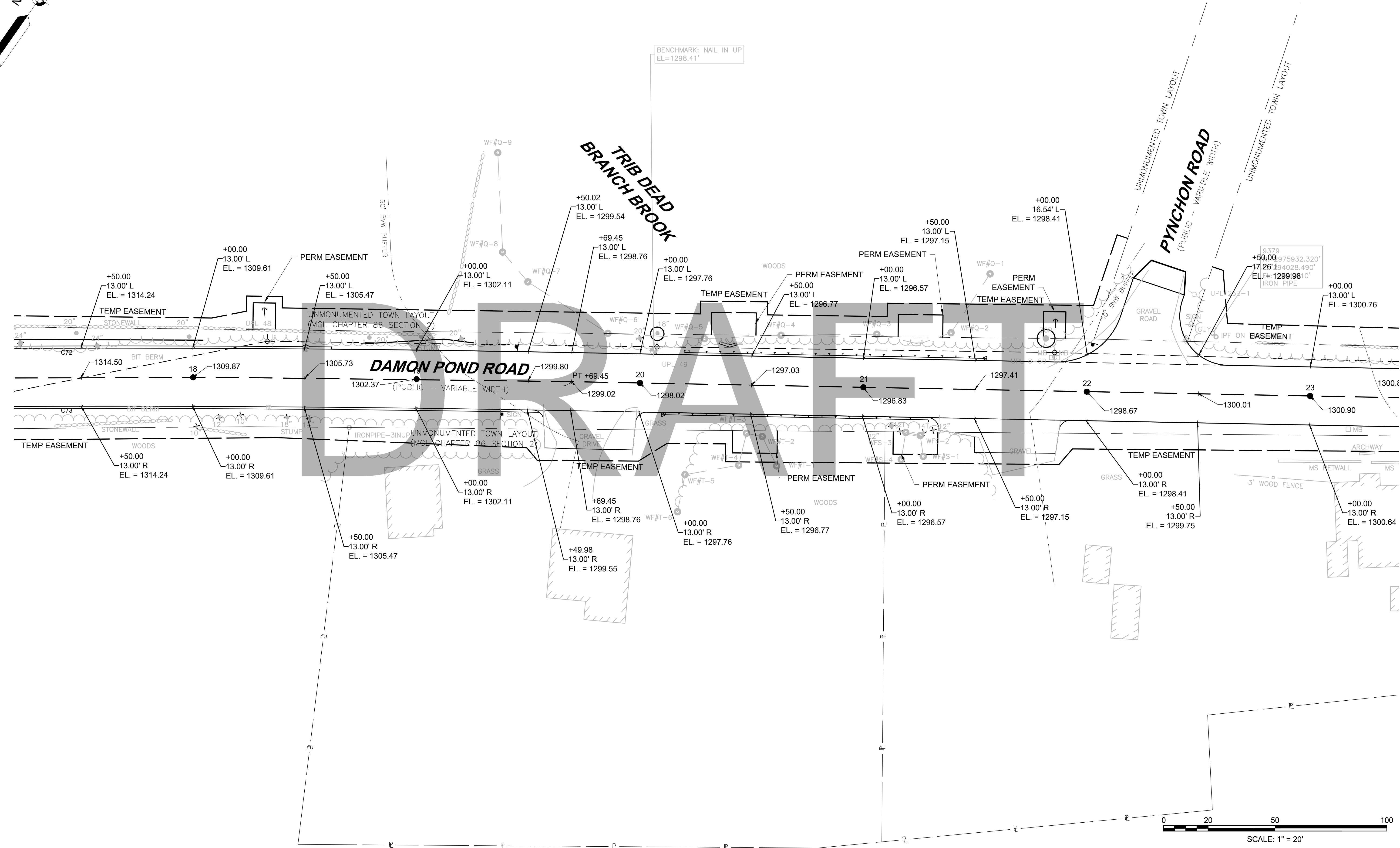
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	91	282

PROJECT FILE NO. 608886

ROADWAY TIES & GRADING PLANS
SHEET 11 OF 24

CONTINUED ON
SHEET NO. AAA

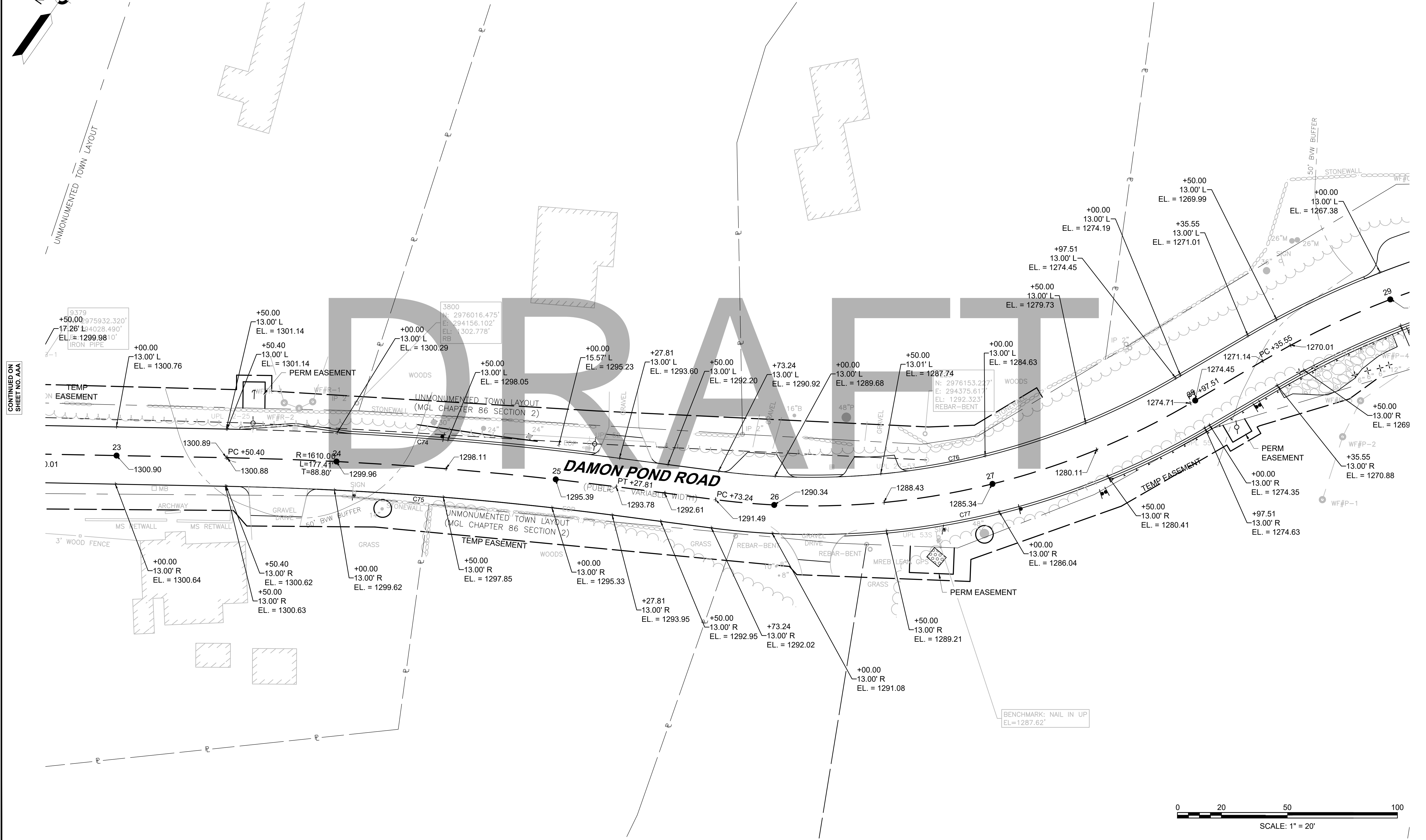
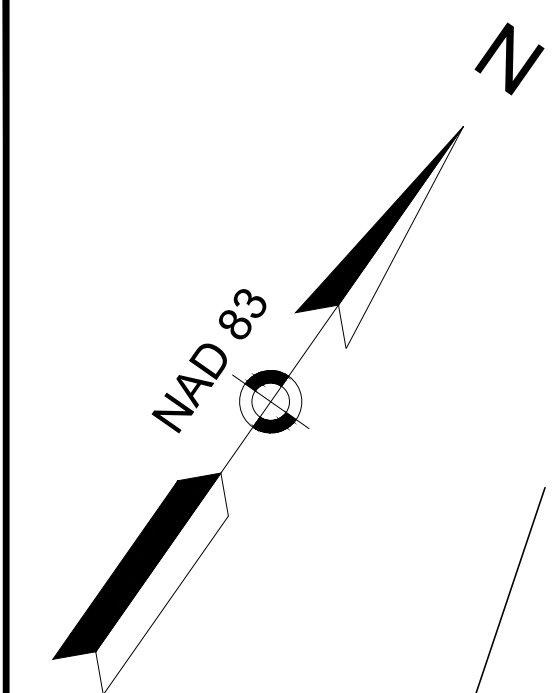
CONTINUED ON
SHEET NO. BBB



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

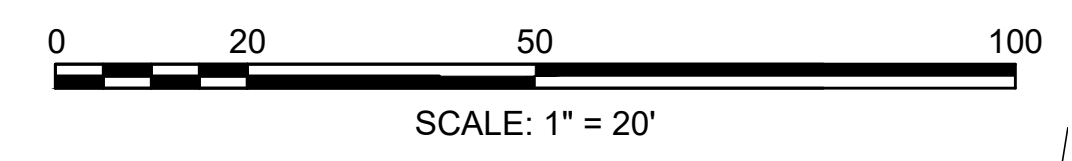
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	92	282

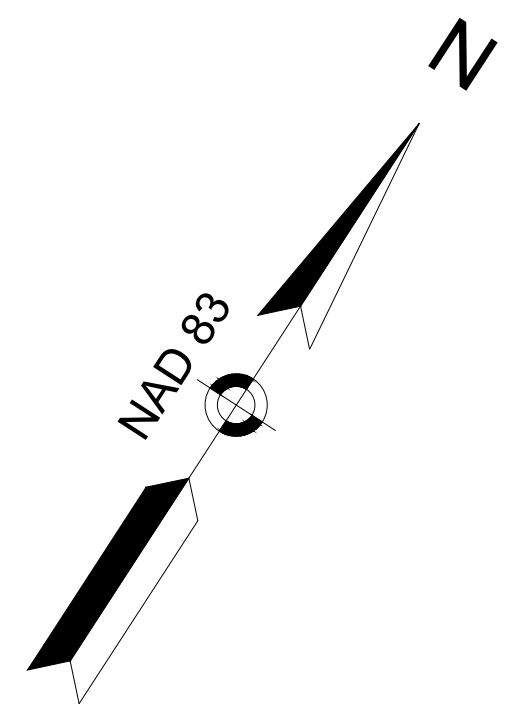
PROJECT FILE NO. 608886
ROADWAY TIES & GRADING PLANS
SHEET 12 OF 24



CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB





**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	93	282

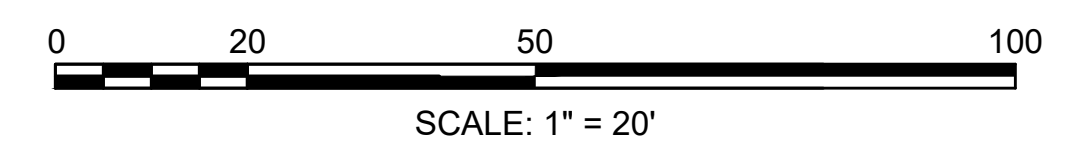
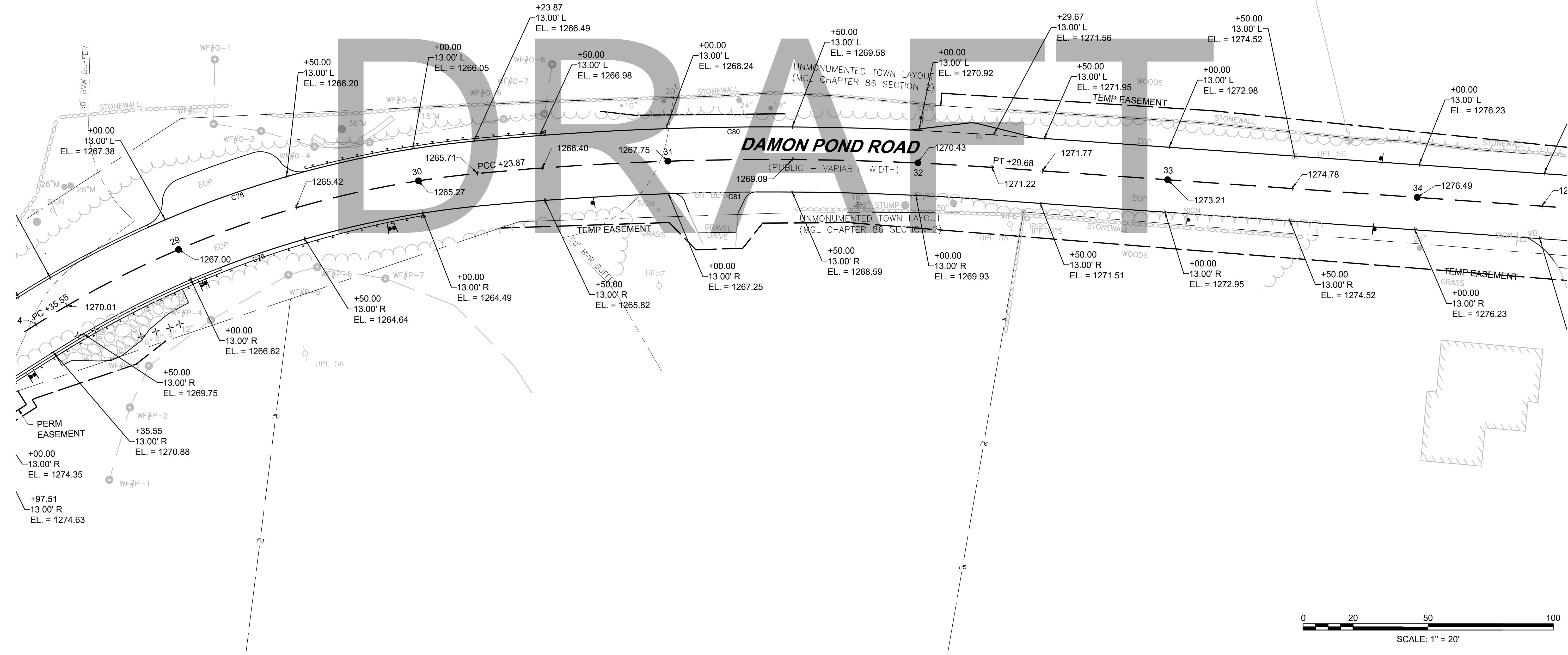
**ROADWAY TIES & GRADING PLANS
SHEET 13 OF 24**

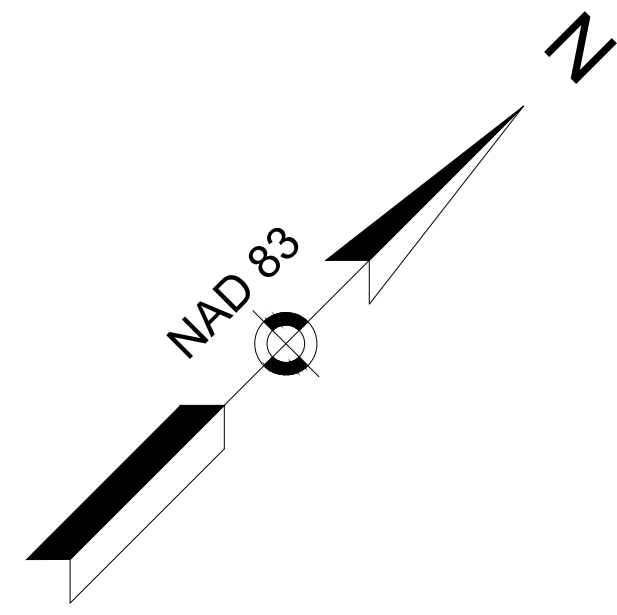
PROJECT FILE NO. 608886

BENCHMARK: NAIL IN UP
EL.=1277.19'

CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB





CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

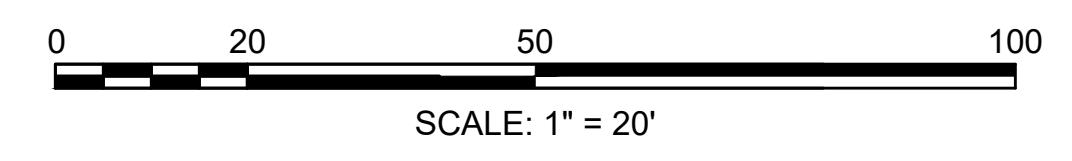
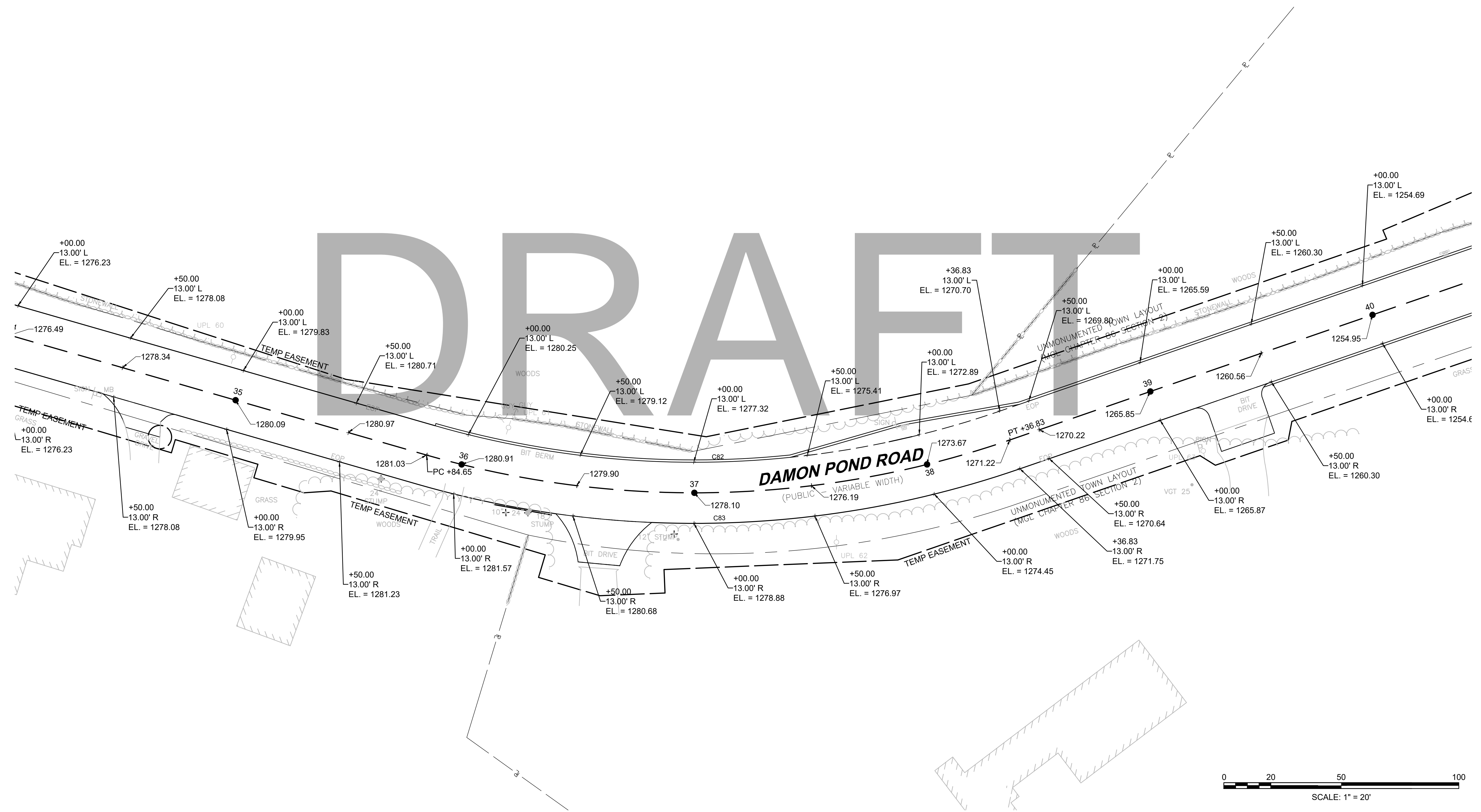
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	94	282

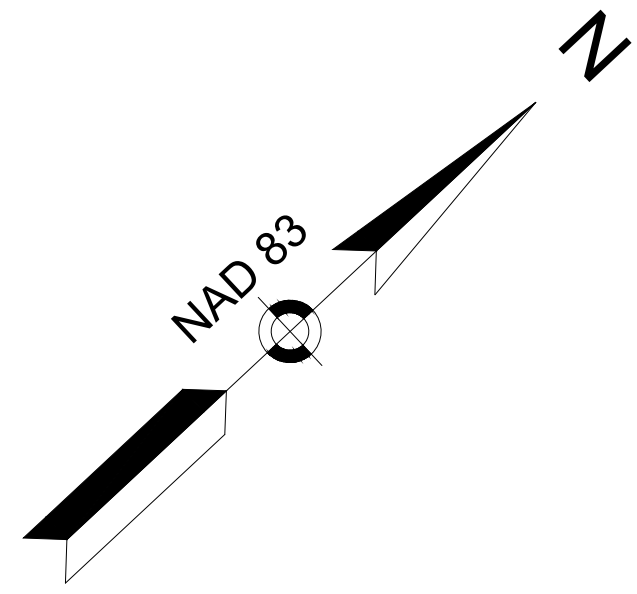
PROJECT FILE NO. 608886
ROADWAY TIES & GRADING PLANS
SHEET 14 OF 24

Plotted on: 21-Feb-2024 6:08 PM
608886_H:\ROADWAY TIES & GRADING\DWG

CONTINUED ON
SHEET NO. AAA

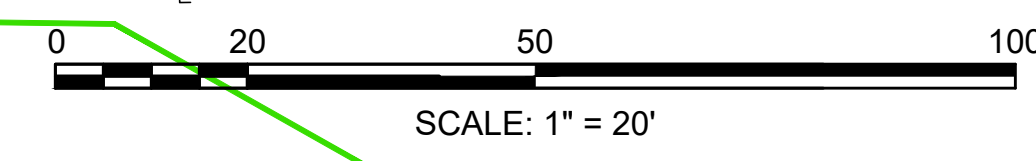
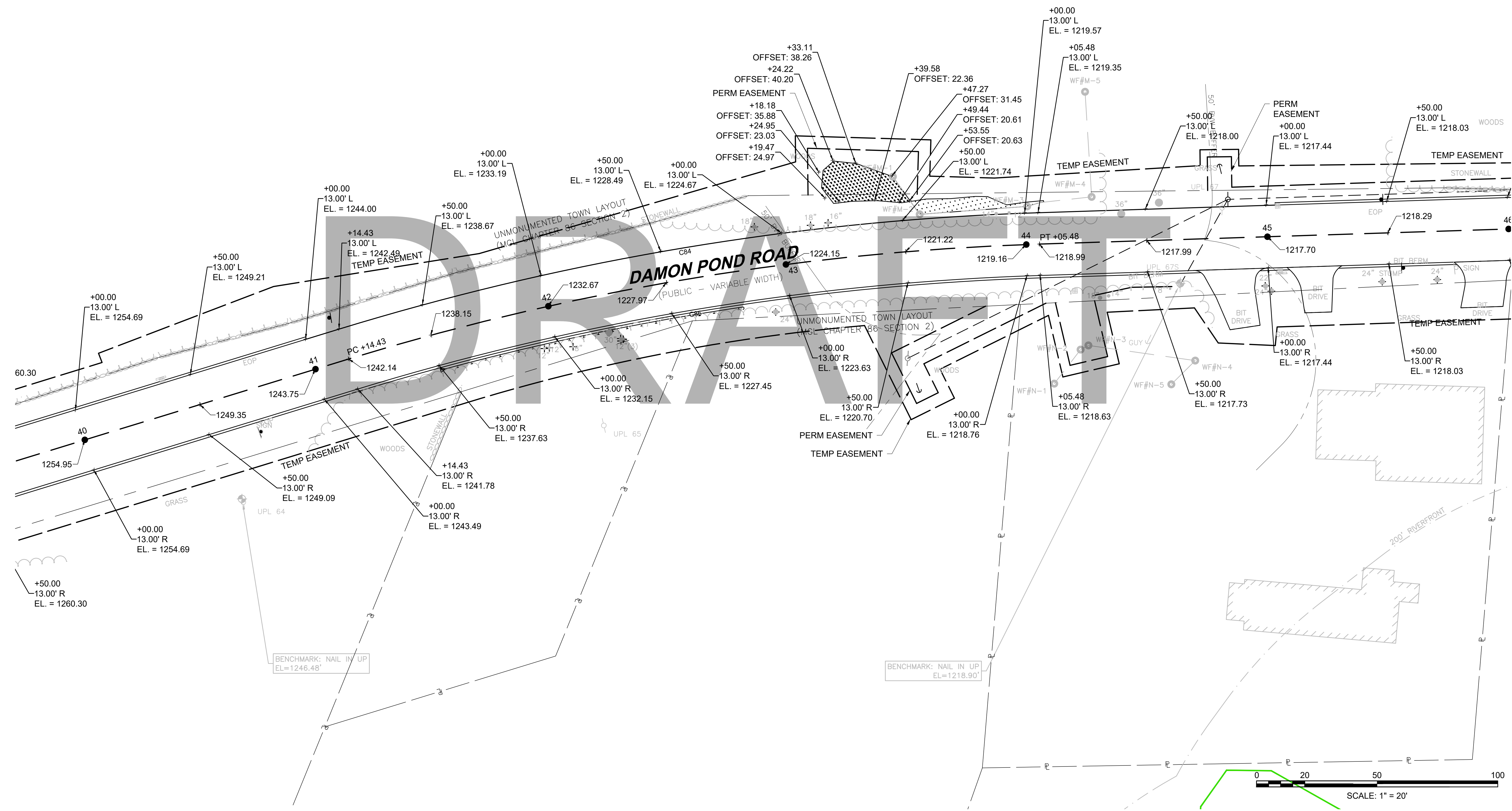
CONTINUED ON
SHEET NO. BBB

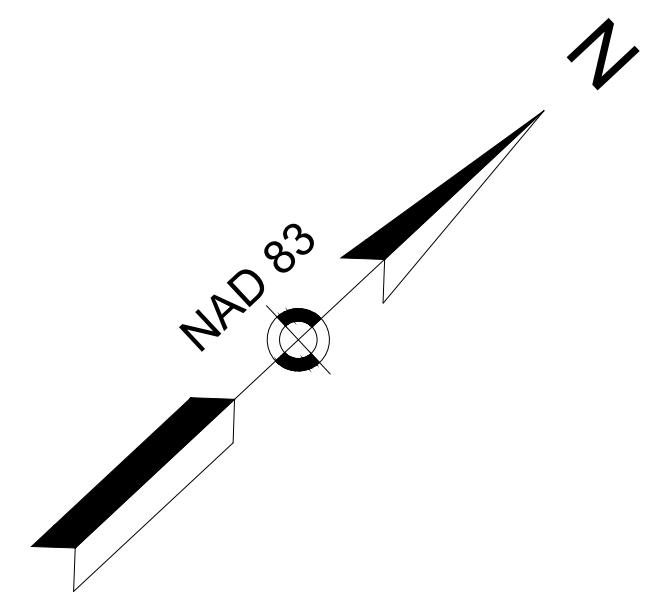




CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB

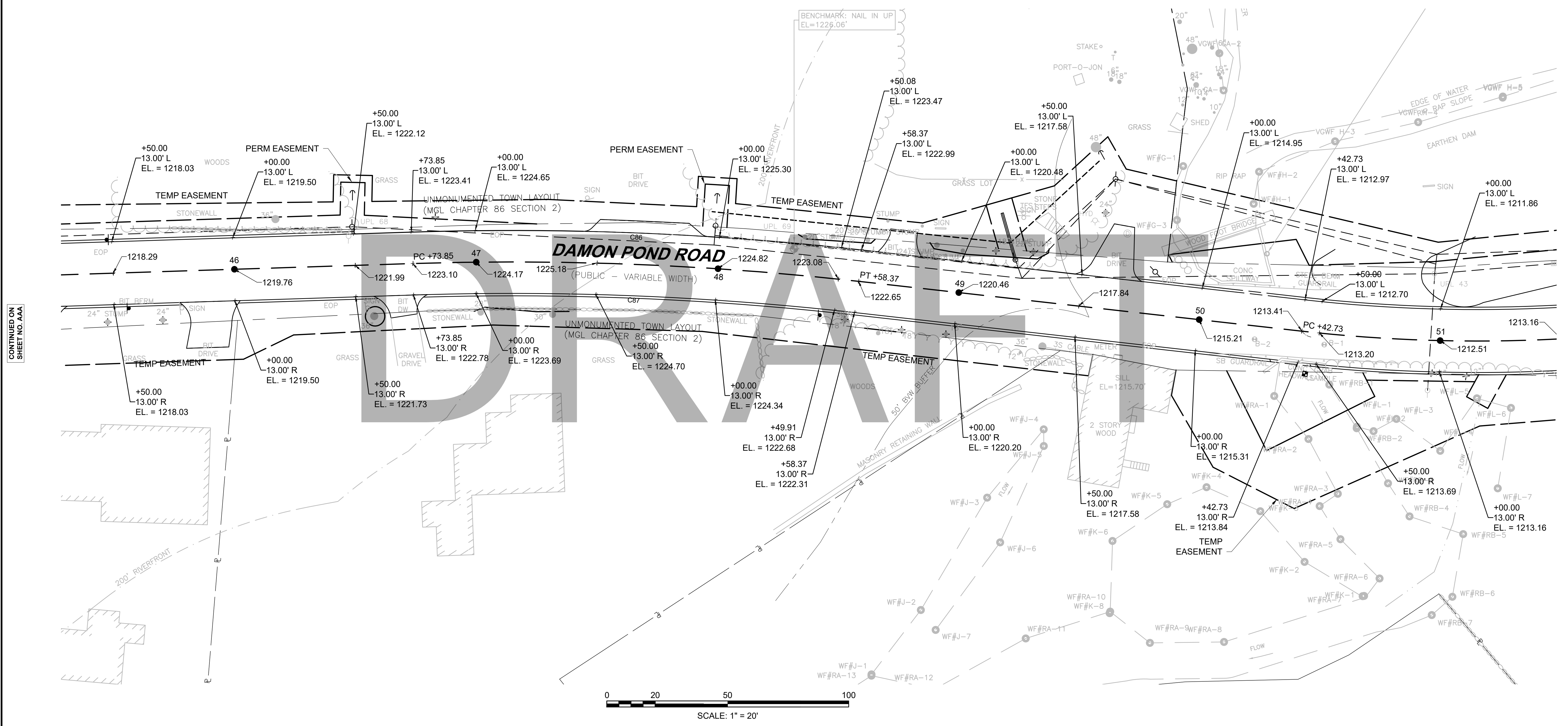




**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	96	282

PROJECT FILE NO. 608886
ROADWAY TIES & GRADING PLANS
SHEET 16 OF 24



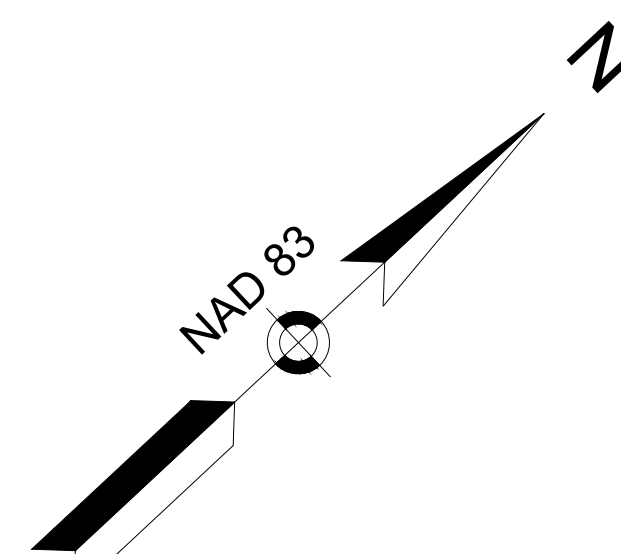
CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

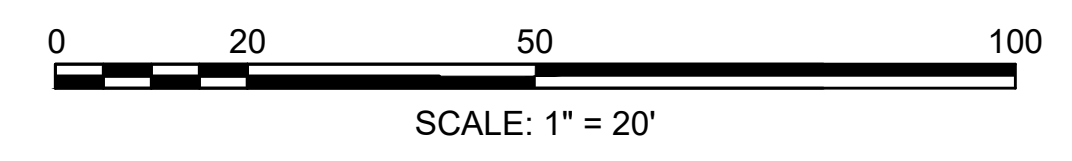
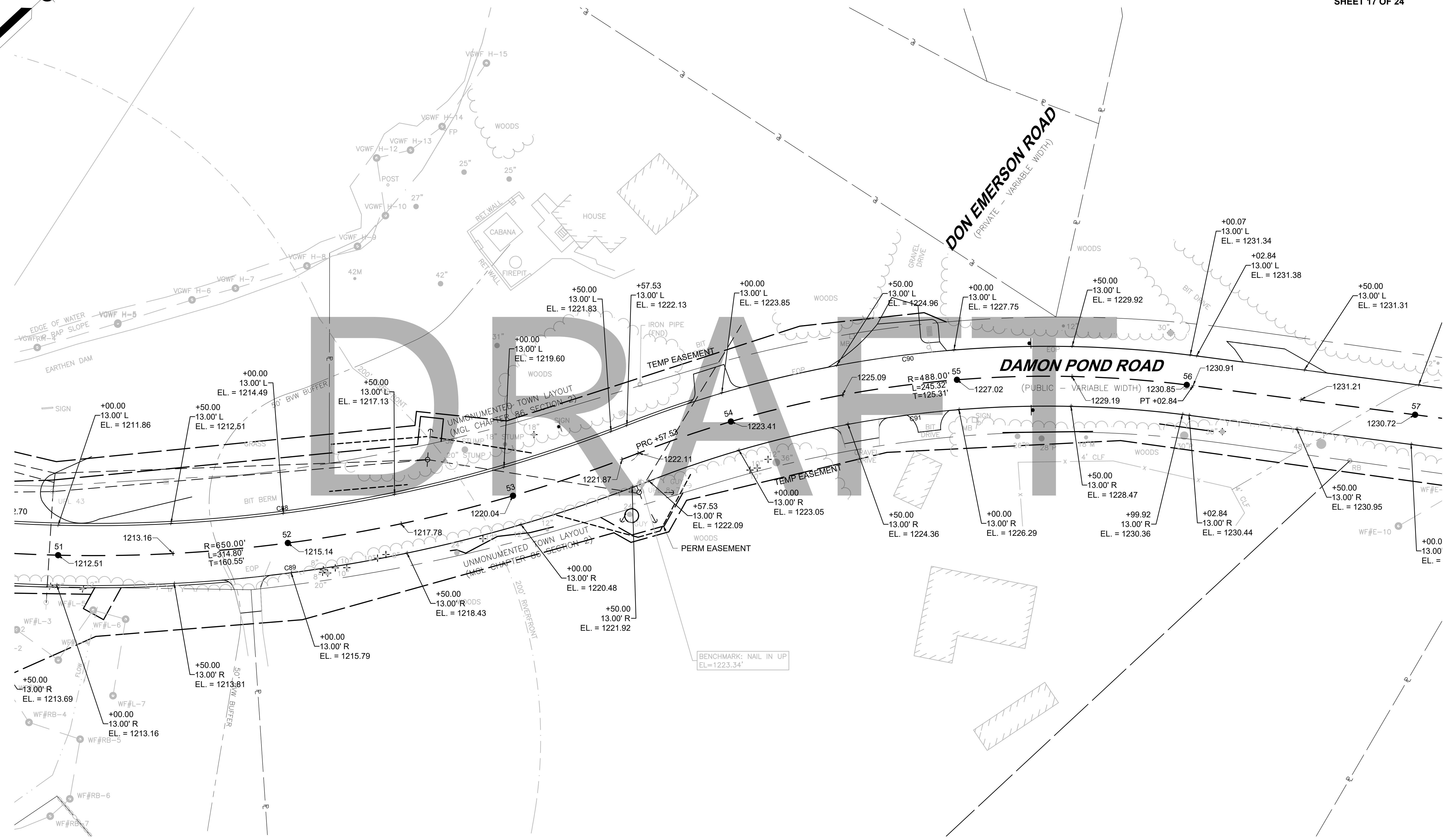
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	97	282
PROJECT FILE NO.		608886	

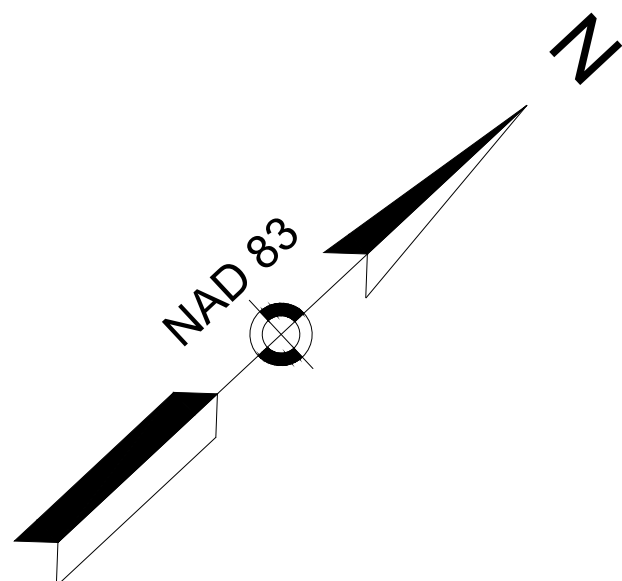
**ROADWAY TIES & GRADING PLANS
SHEET 17 OF 24**



CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB



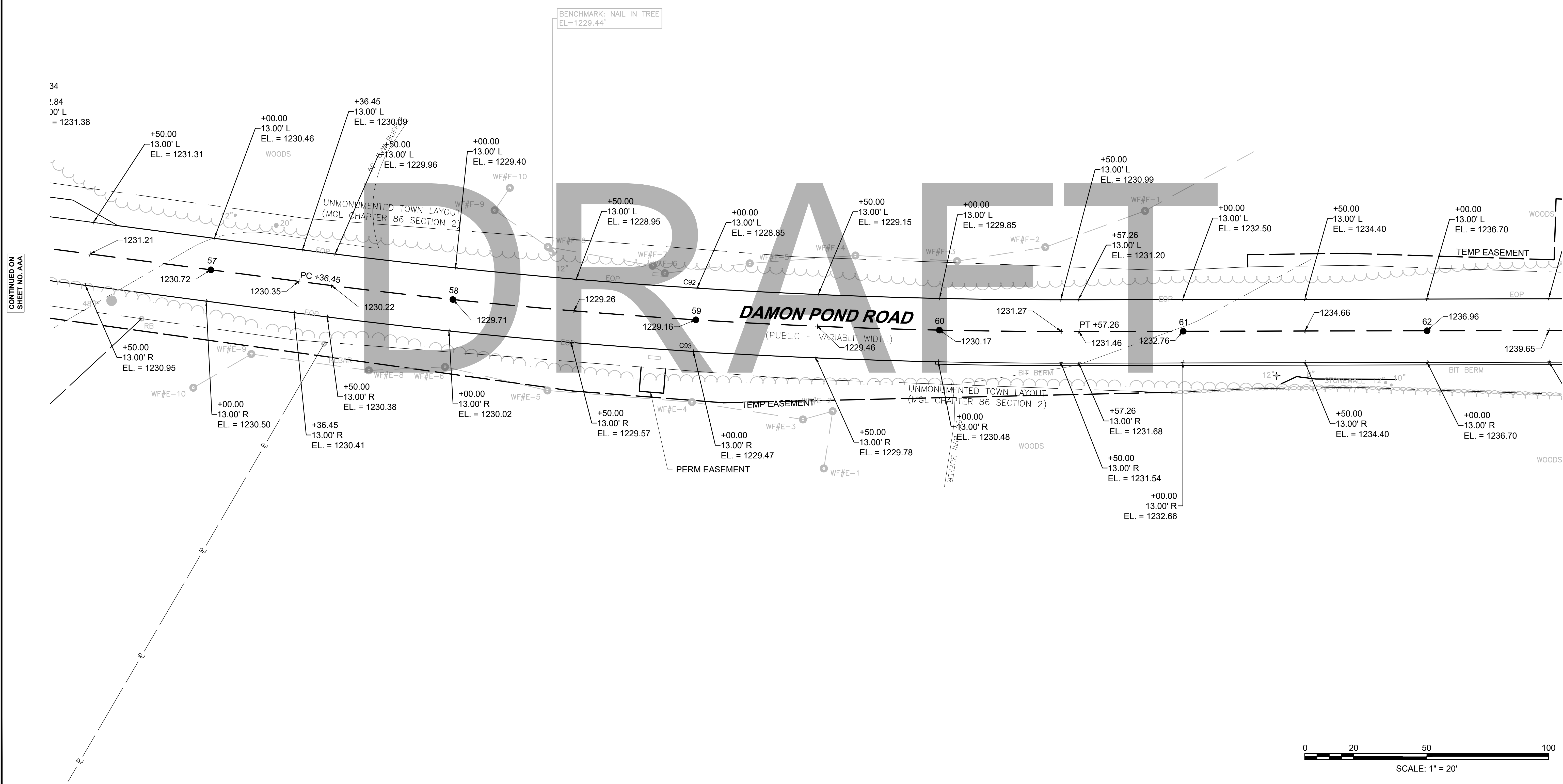


**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	98	282

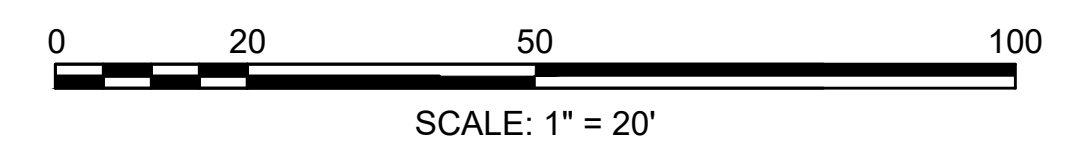
**ROADWAY TIES & GRADING PLANS
SHEET 18 OF 24**

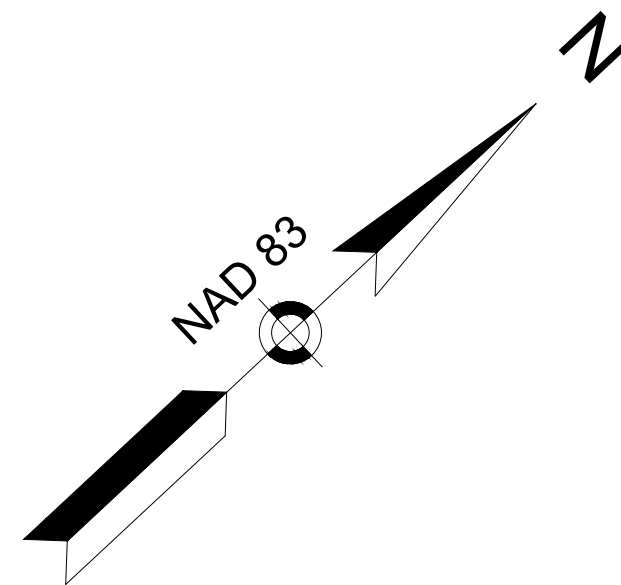
608886_H:\ROADWAY TIES & GRADING\DWG Plotted on 21-Feb-2024 6:09 PM



CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB





**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

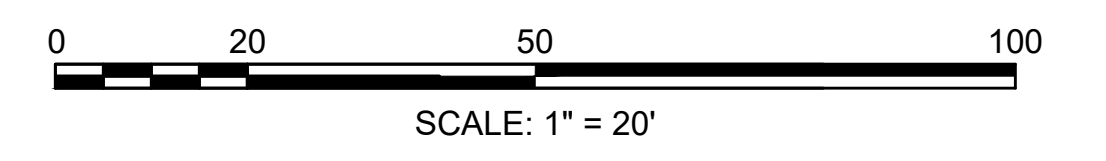
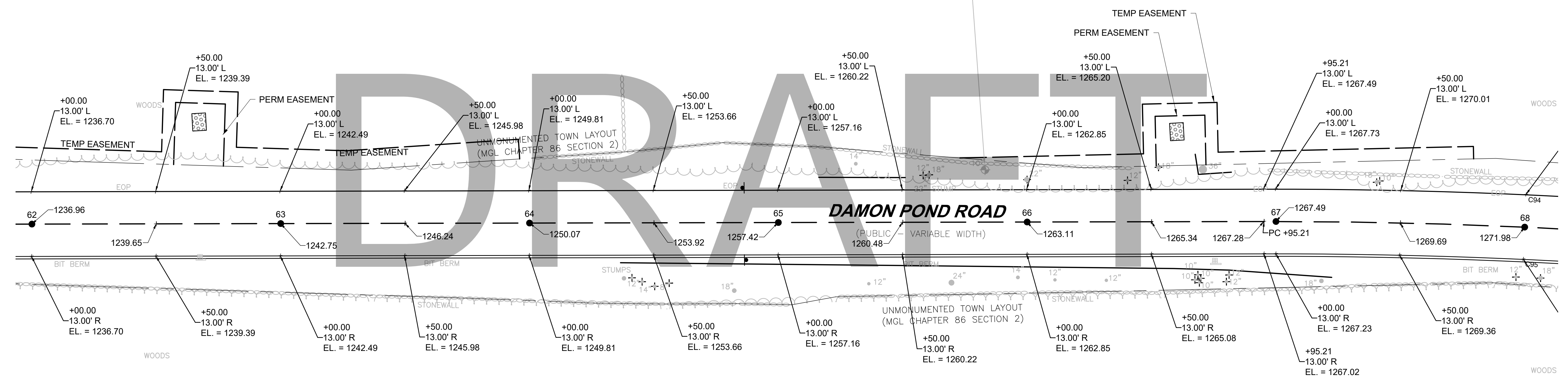
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	99	282

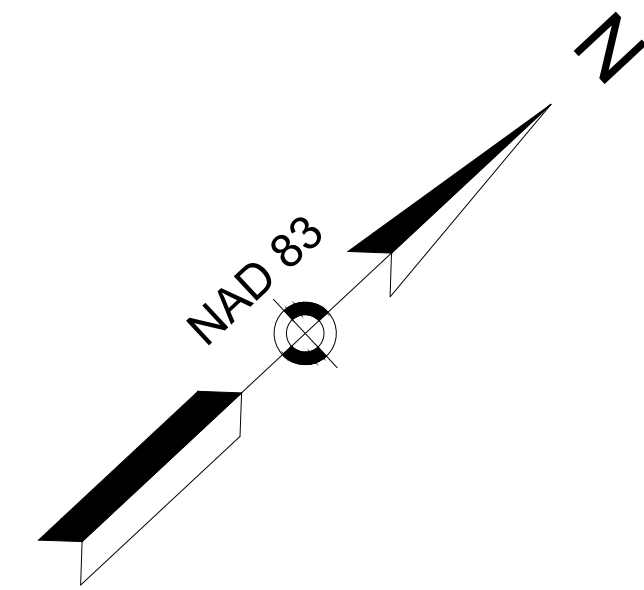
**ROADWAY TIES & GRADING PLANS
SHEET 19 OF 24**

BENCHMARK: NAIL IN TREE
EL. = 1261.95'

CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB





CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

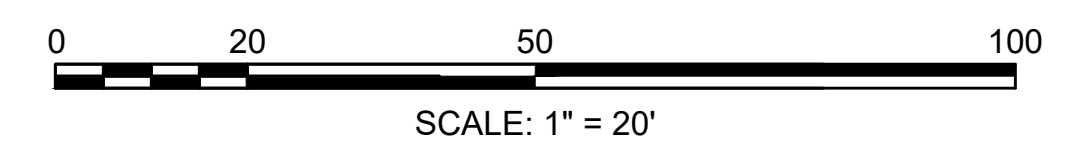
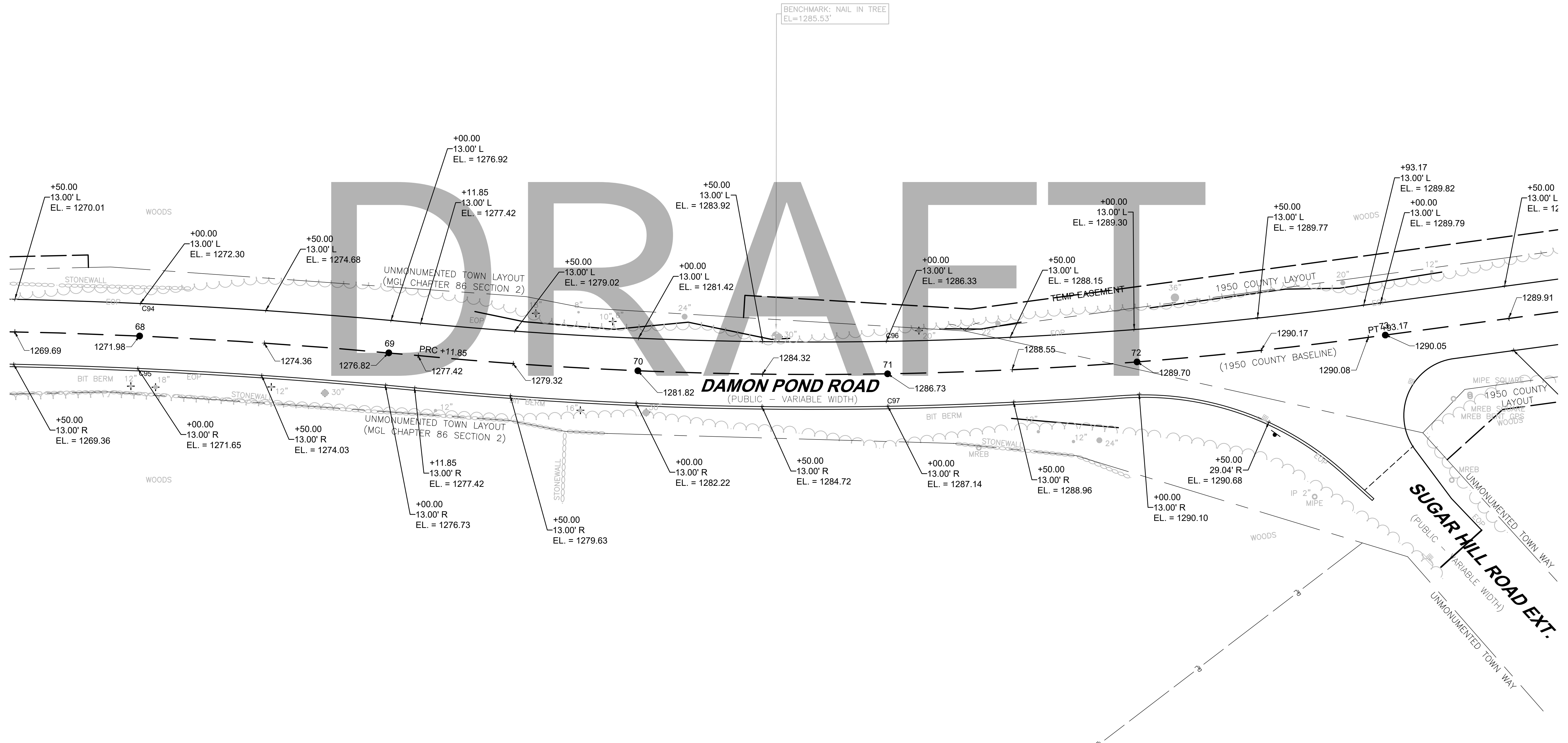
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	100	282

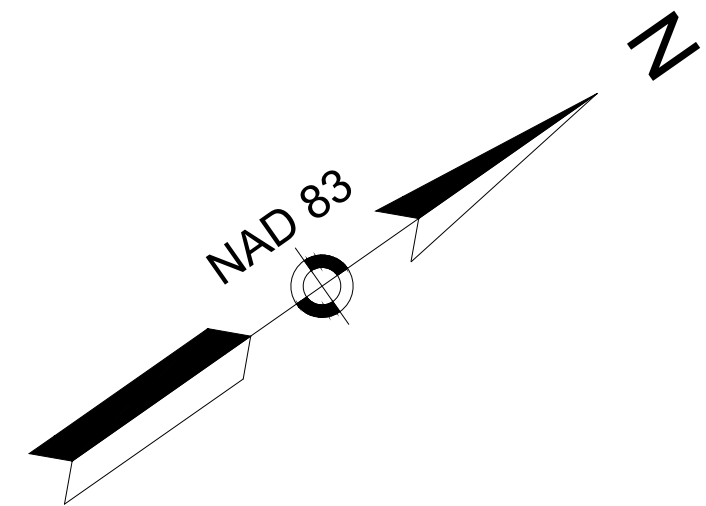
PROJECT FILE NO. 608886
ROADWAY TIES & GRADING PLANS
SHEET 20 OF 24

BENCHMARK: NAIL IN TREE
EL.=1285.53'

CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB





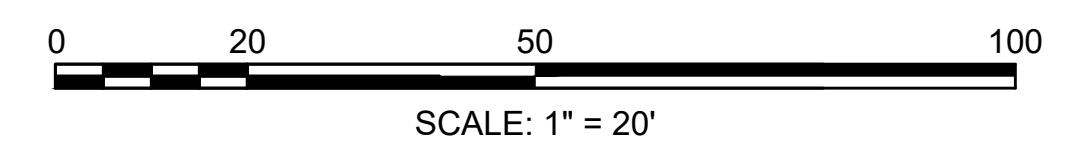
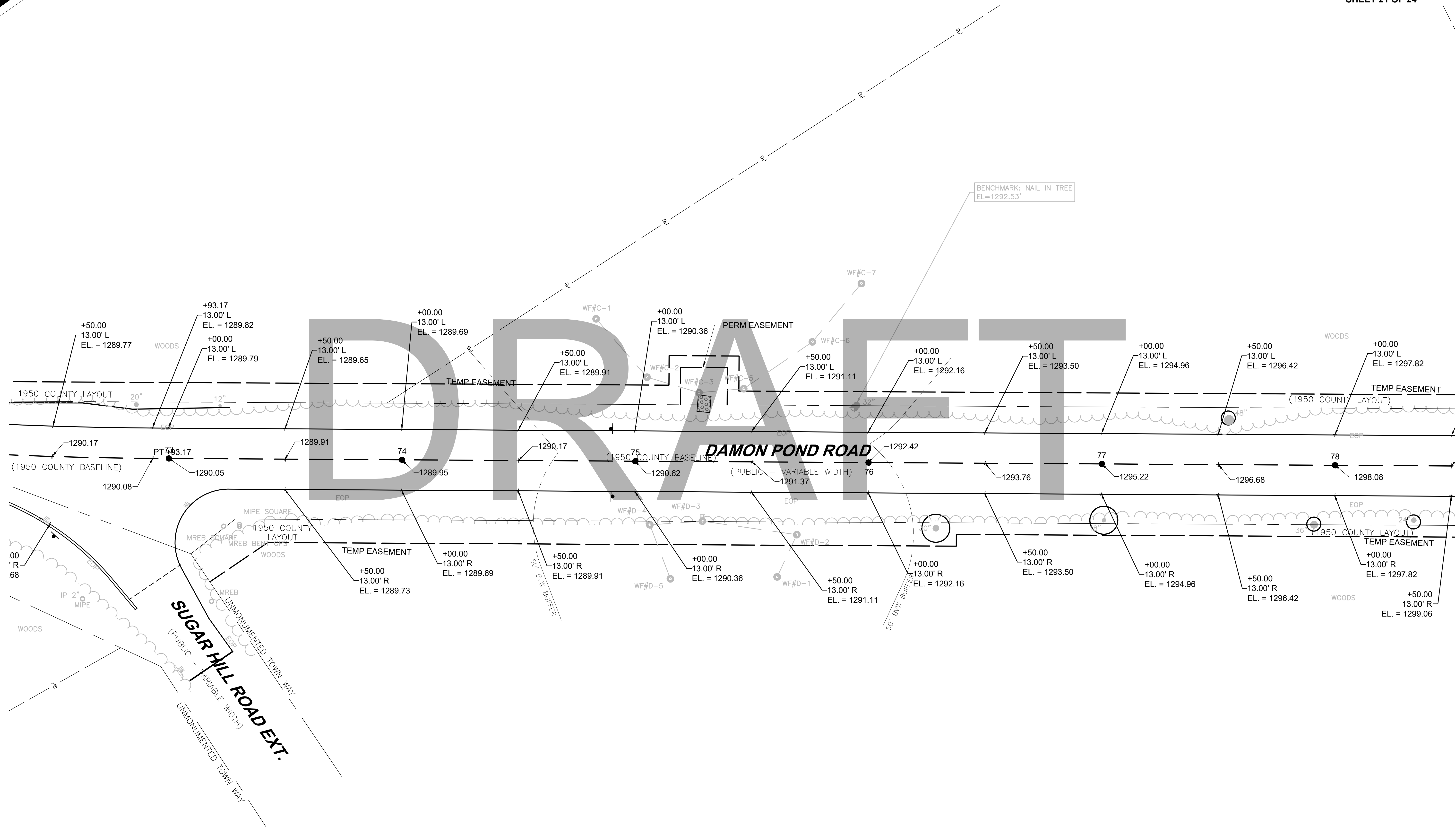
CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

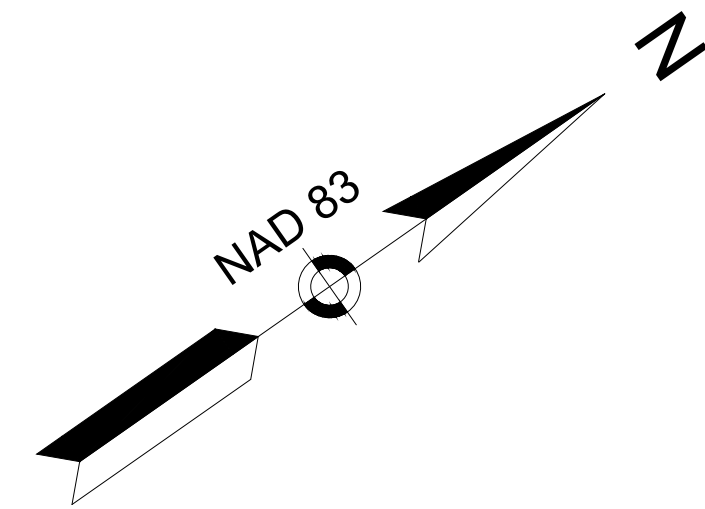
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	101	282

ROADWAY TIES & GRADING PLANS
SHEET 21 OF 24

CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB





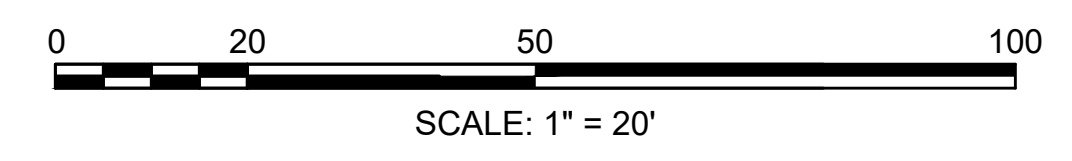
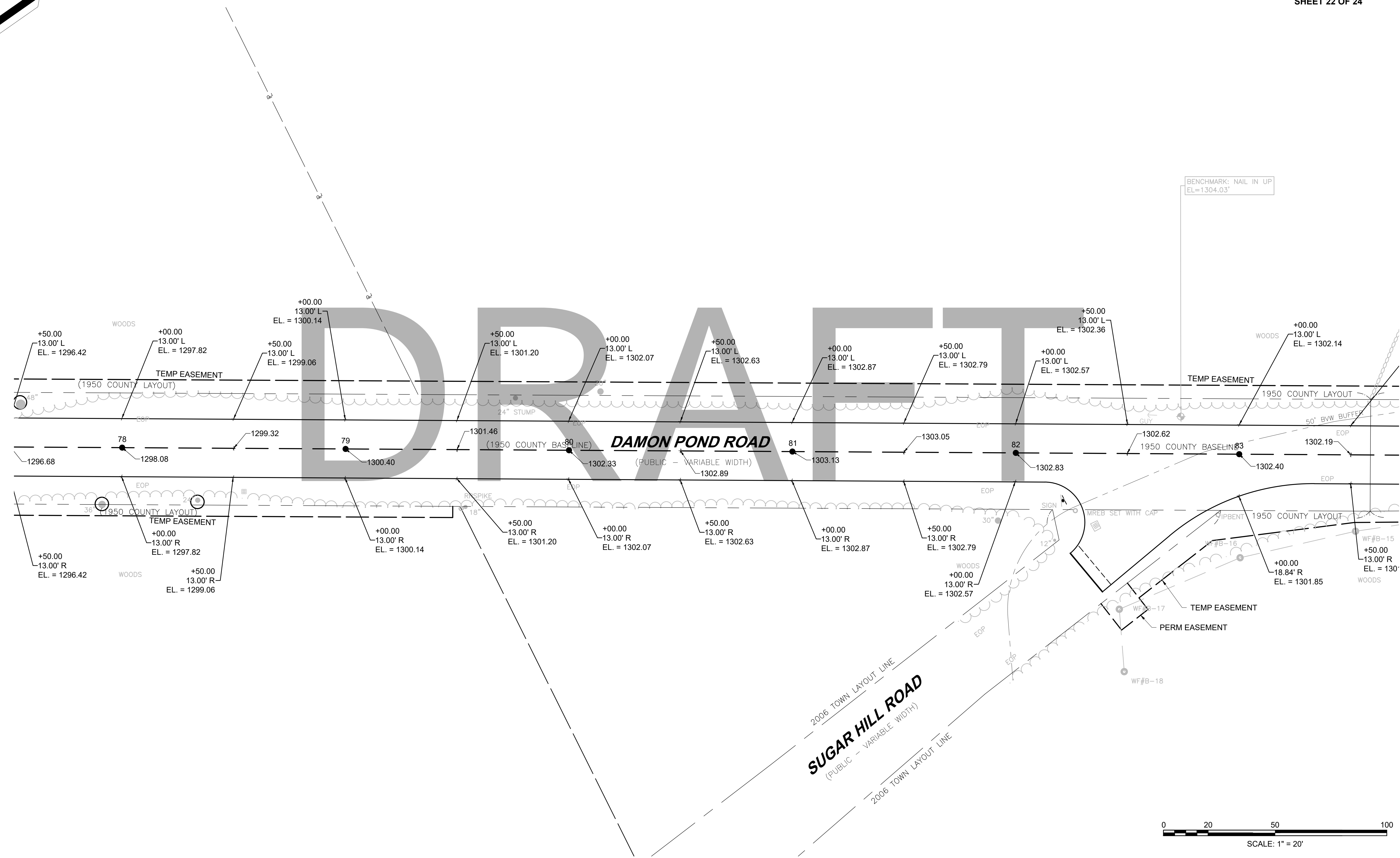
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

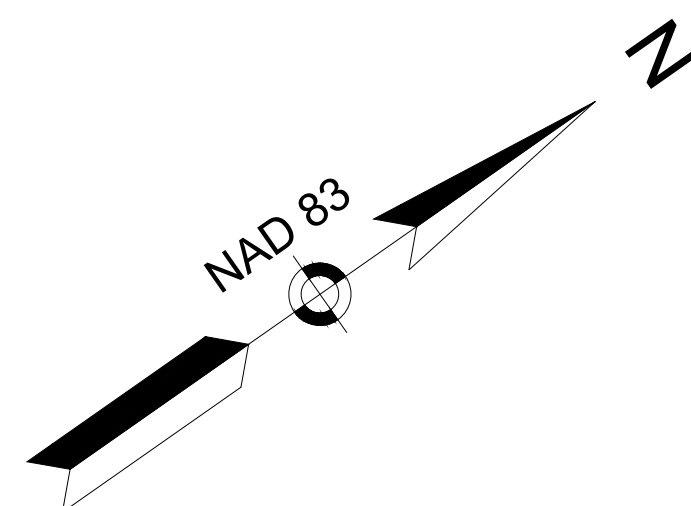
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	102	282
PROJECT FILE NO.		608886	

**ROADWAY TIES & GRADING PLANS
SHEET 22 OF 24**

CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB





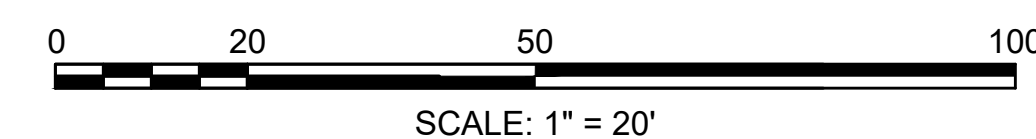
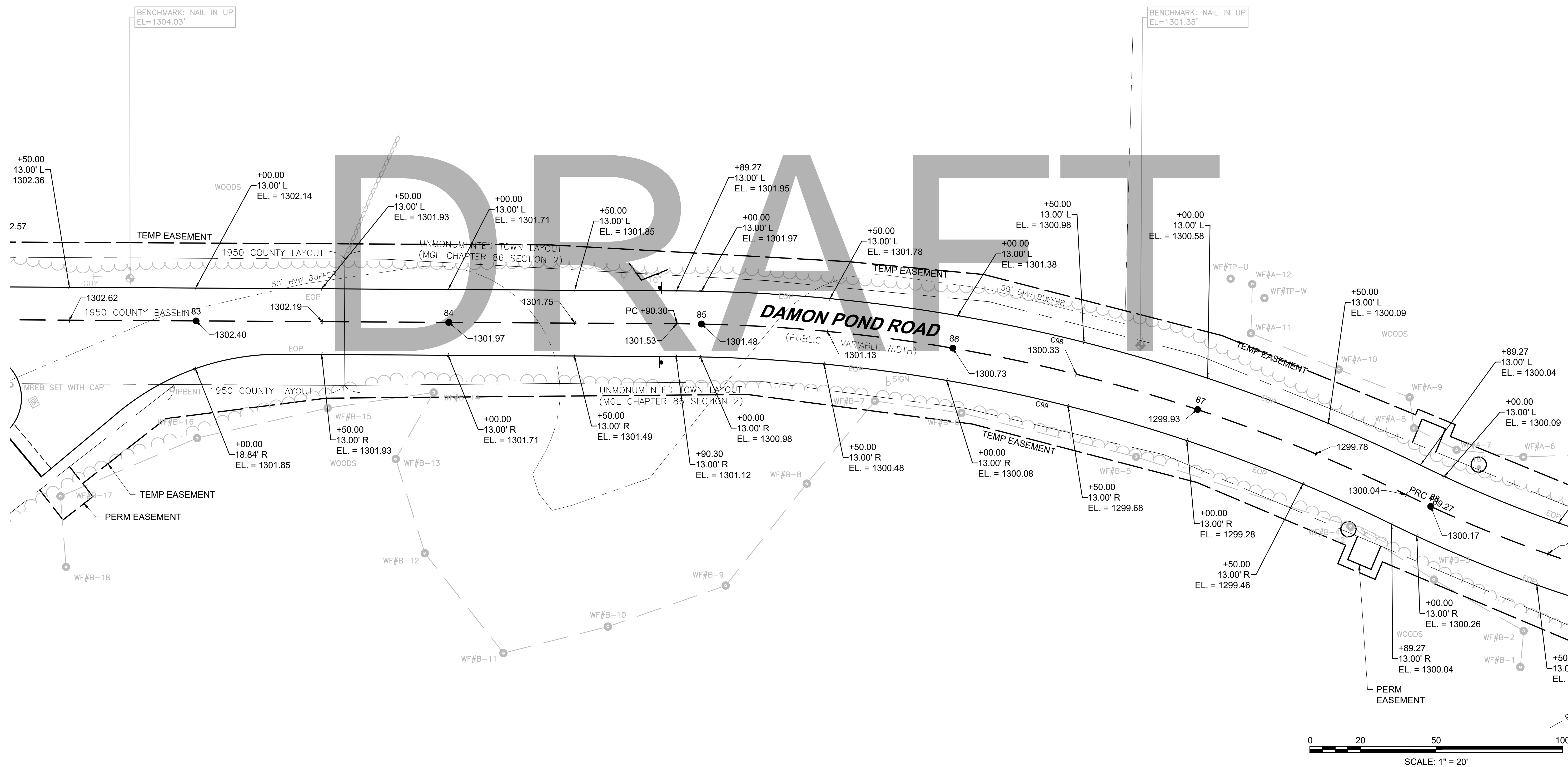
CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

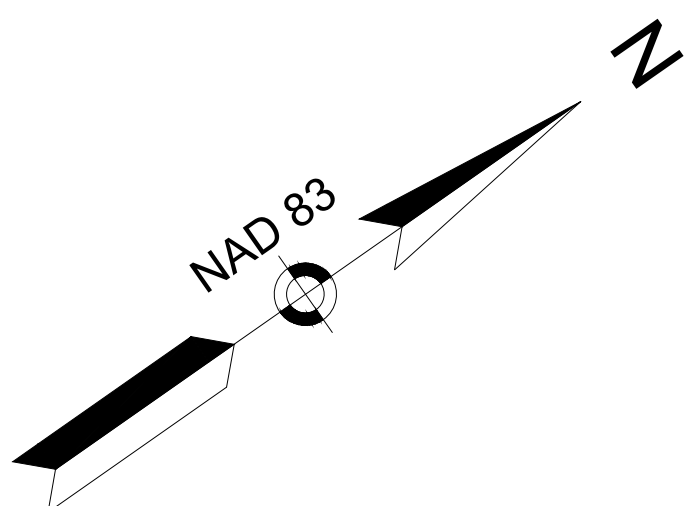
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	103	282

PROJECT FILE NO. 608886
ROADWAY TIES & GRADING PLANS
SHEET 23 OF 24

CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB



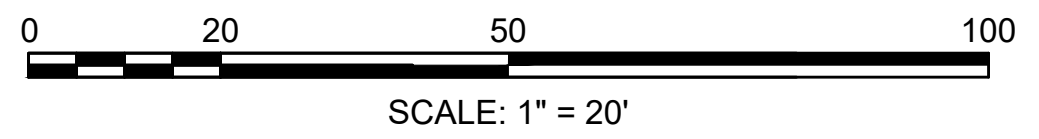
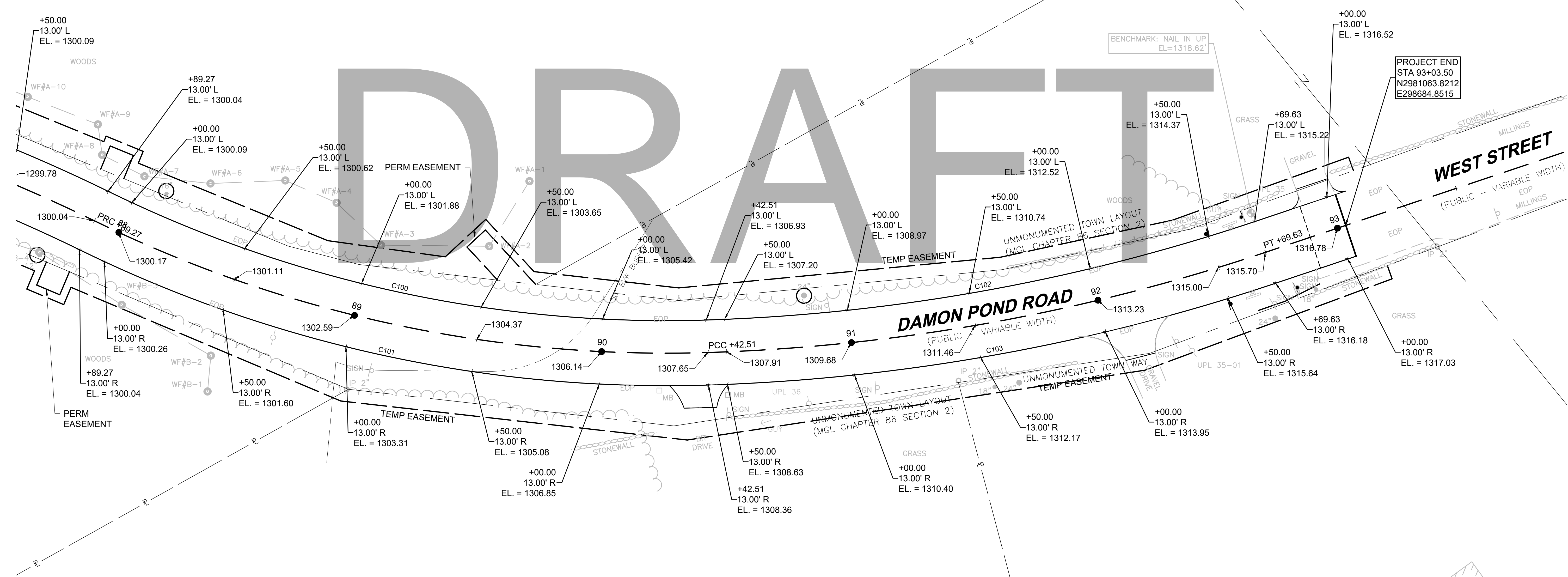


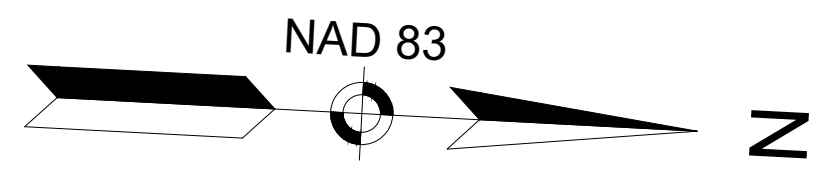
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	104	282

**ROADWAY TIES & GRADING PLANS
SHEET 24 OF 24**

CONTINUED ON
SHEET NO. AAA

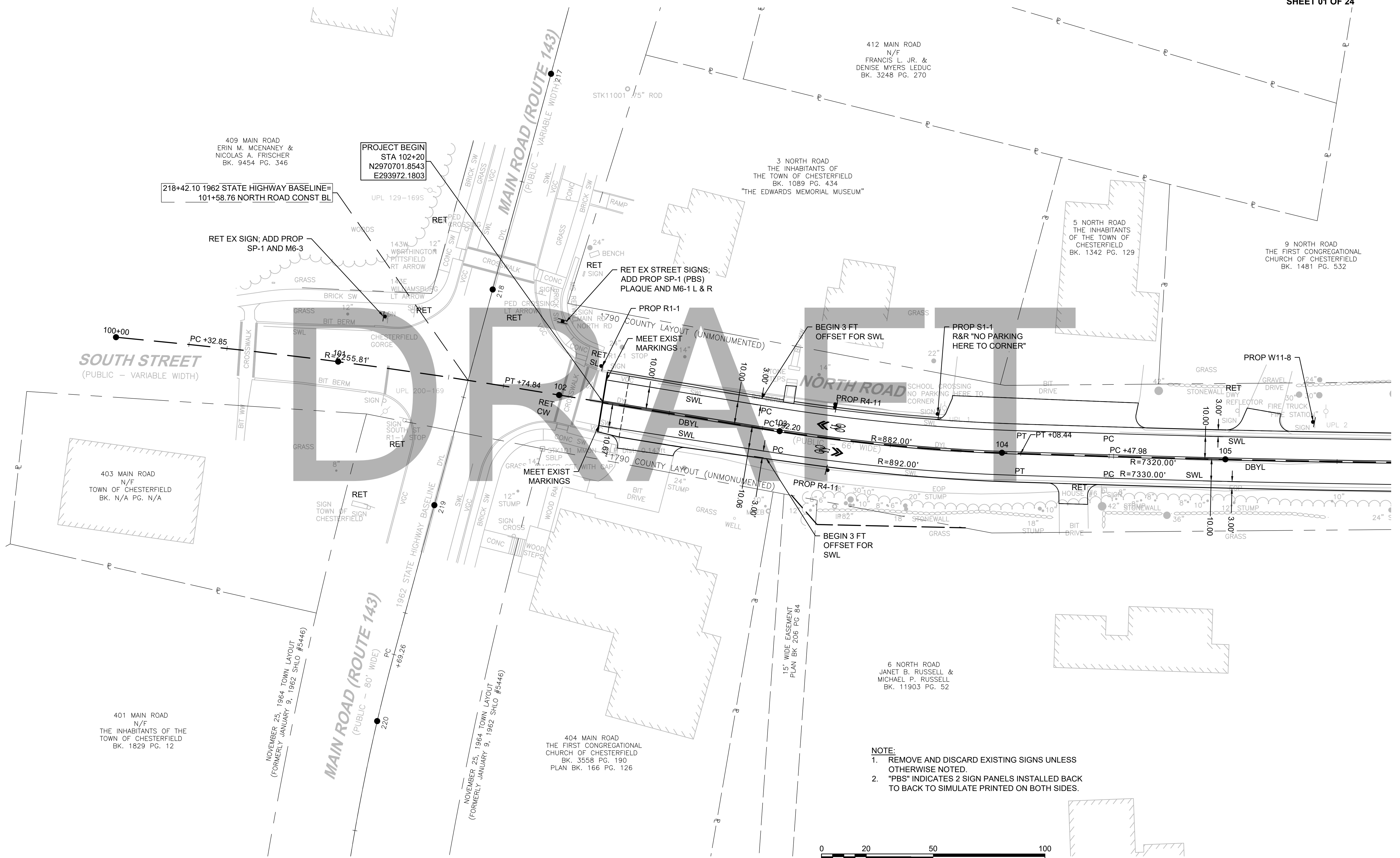




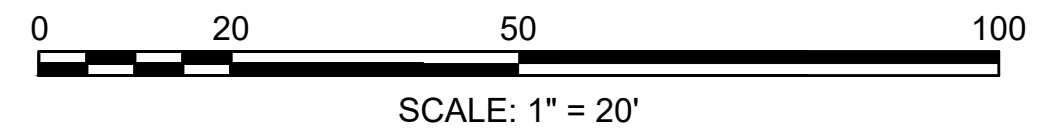
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	105	282

PROJECT FILE NO. 608886
SIGN & PAVEMENT MARKING PLANS
SHEET 01 OF 24

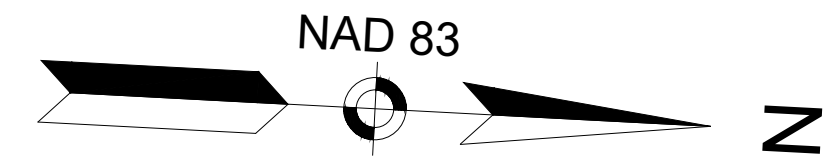


- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.



CONTINUED ON
SHEET NO. 106

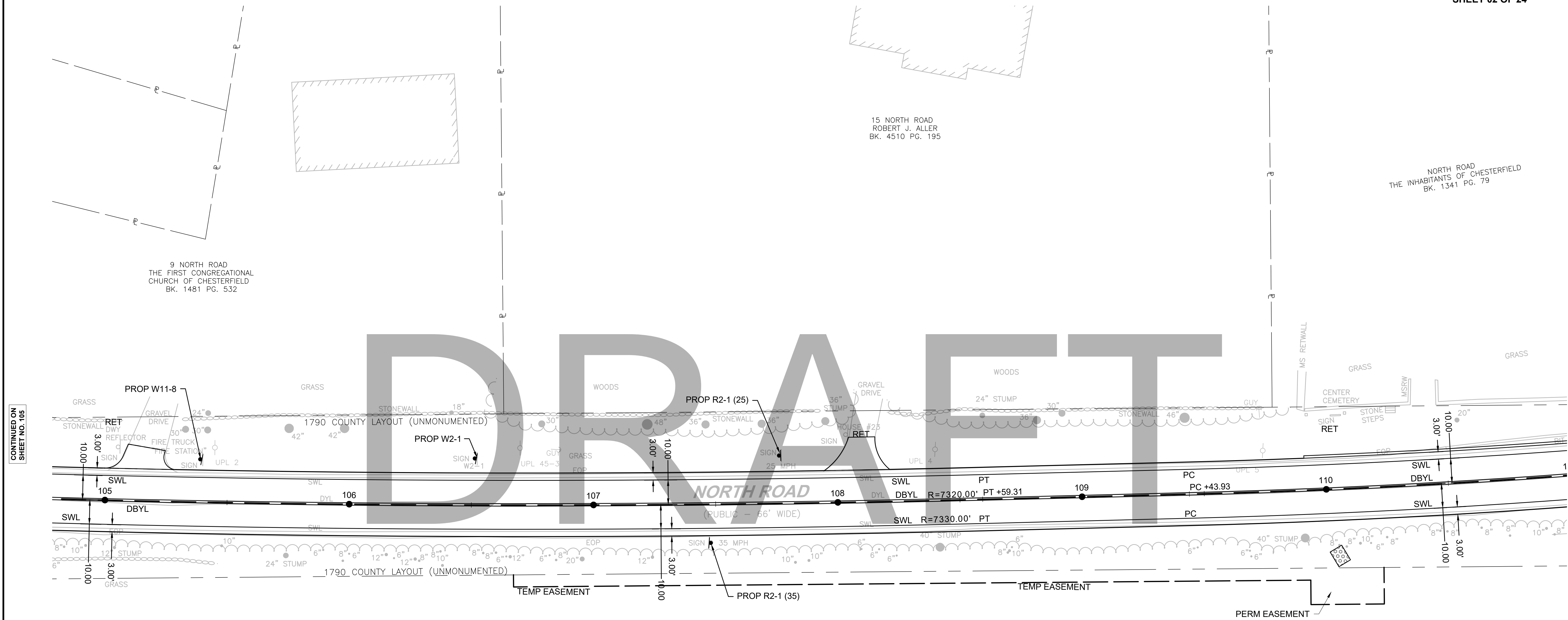
608886_HJD(SIGN AND PAVT MARKING).DWG Plotted on 21-Feb-2024 6:09 PM



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	106	282

PROJECT FILE NO. 608886
SIGN & PAVEMENT MARKING PLANS
SHEET 02 OF 24

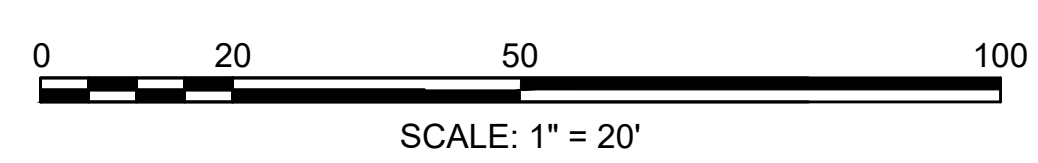


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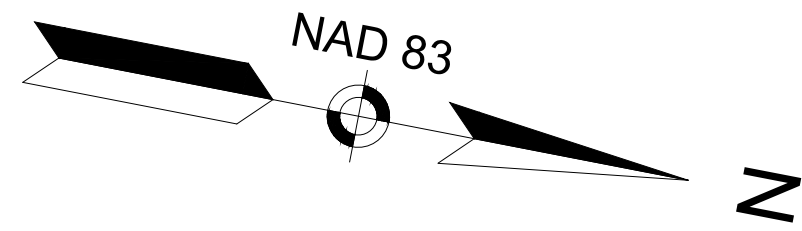
CONTINUED ON SHEET NO. 107

DRAFT

- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.



608886_HID(SIGN AND PAVT MARKING).DWG Plotted on 21-Feb-2024 6:09 PM



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	107	282
PROJECT FILE NO.		608886	

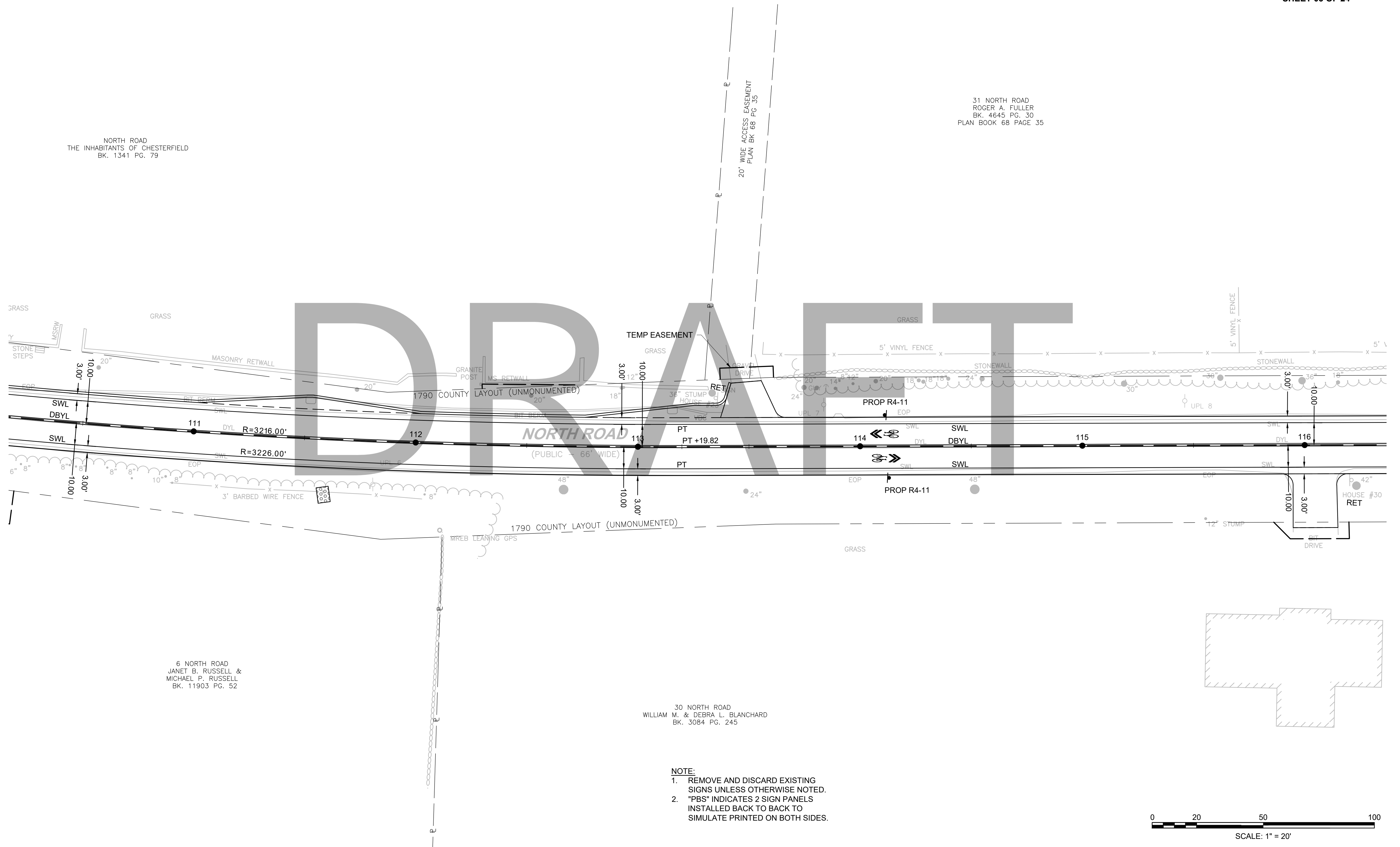
**SIGN & PAVEMENT MARKING PLANS
SHEET 03 OF 24**

NORTH ROAD
THE INHABITANTS OF CHESTERFIELD
BK. 1341 PG. 79

31 NORTH ROAD
ROGER A. FULLER
BK. 4645 PG. 30
PLAN BOOK 68 PAGE 35

CONTINUED ON
SHEET NO. 106

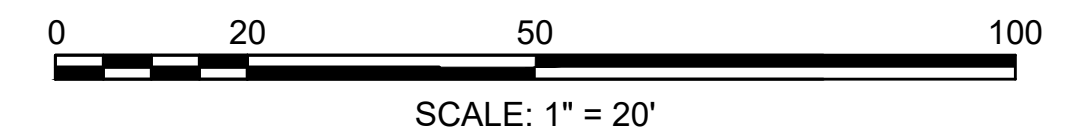
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SHEET NO. 108

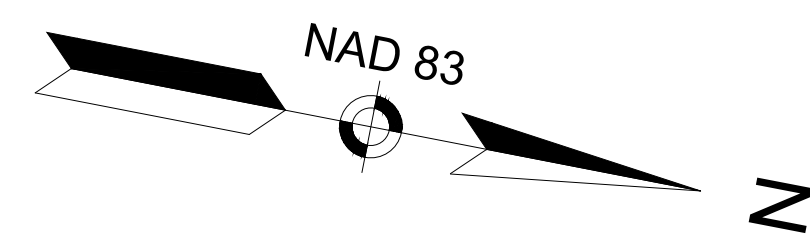


6 NORTH ROAD
JANET B. RUSSELL &
MICHAEL P. RUSSELL
BK. 11903 PG. 52

30 NORTH ROAD
WILLIAM M. & DEBRA L. BLANCHARD
BK. 3084 PG. 245

- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.





CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

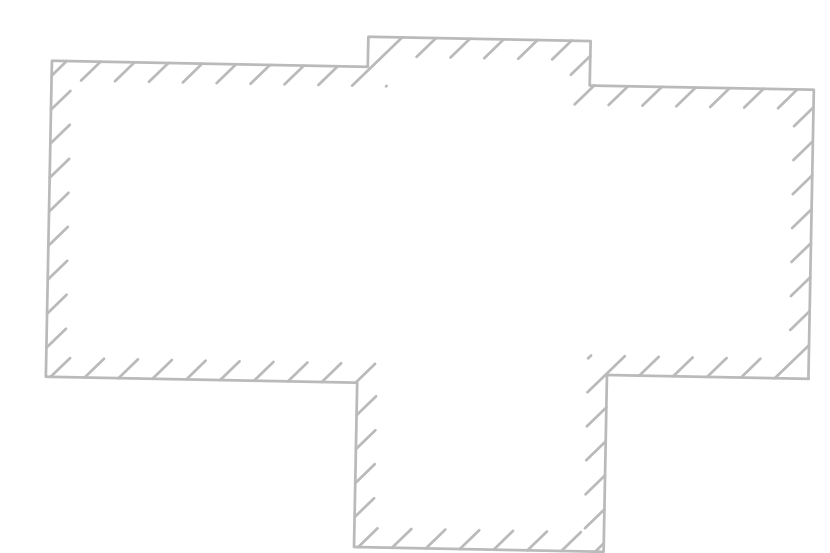
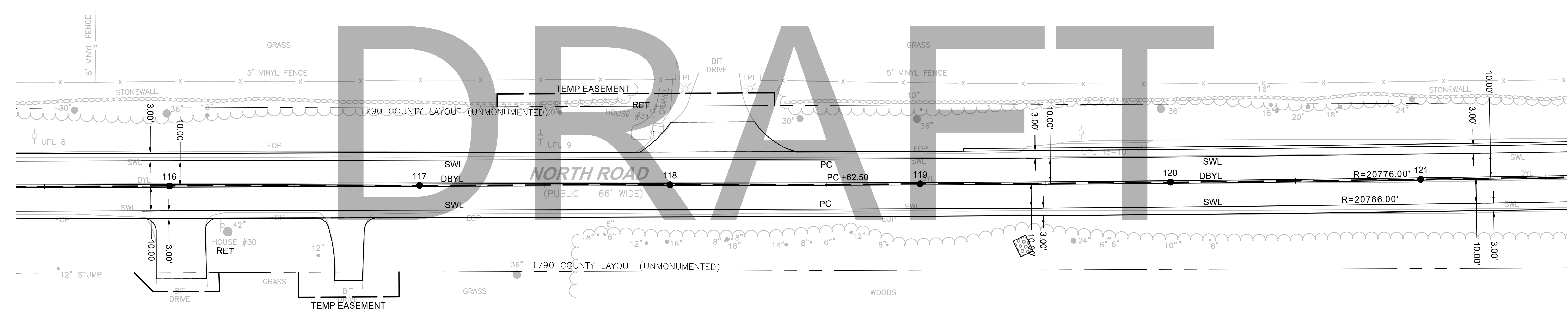
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	108	282
PROJECT FILE NO.		608886	

SIGN & PAVEMENT MARKING PLANS
SHEET 04 OF 24

31 NORTH ROAD
ROGER A. FULLER
BK. 4645 PG. 30
PLAN BOOK 68 PAGE 35

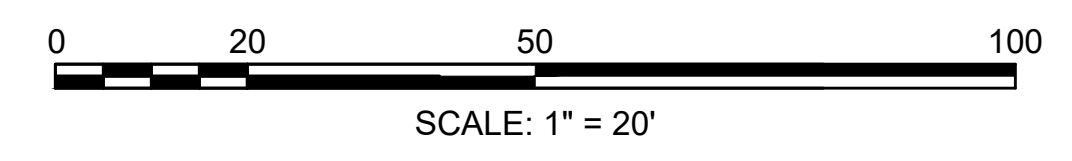
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SHEET NO. 107

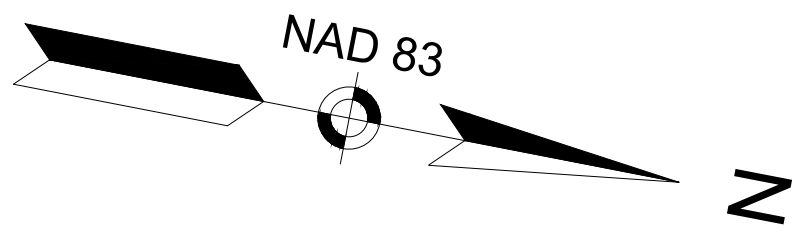
CONTINUED ON
SHEET NO. 109



30 NORTH ROAD
WILLIAM M. & DEBRA L. BLANCHARD
BK. 3084 PG. 245

- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.





**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	109	282
PROJECT FILE NO.		608886	

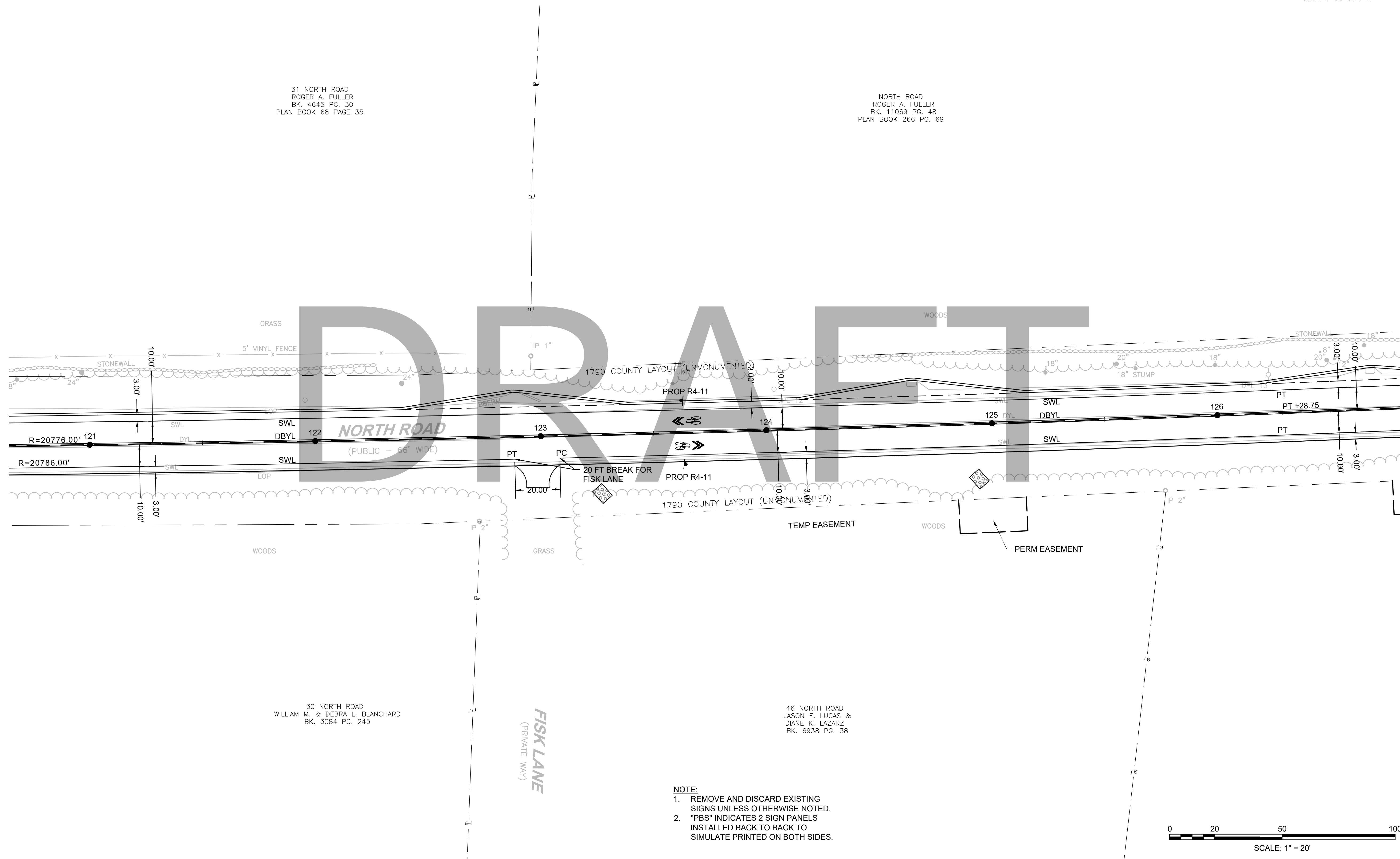
**SIGN & PAVEMENT MARKING PLANS
SHEET 05 OF 24**

31 NORTH ROAD
ROGER A. FULLER
BK. 4645 PG. 30
PLAN BOOK 68 PAGE 35

NORTH ROAD
ROGER A. FULLER
BK. 11069 PG. 48
PLAN BOOK 266 PG. 69

CONTINUED ON
SHEET NO. 108

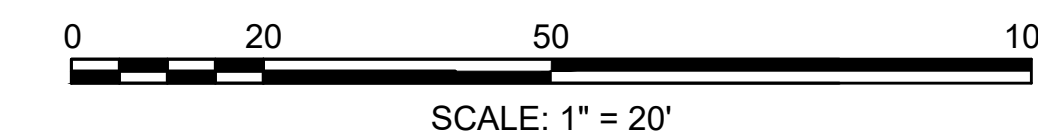
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SHEET NO. 110

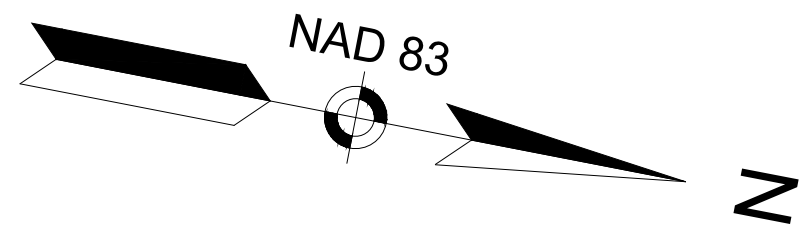


30 NORTH ROAD
WILLIAM M. & DEBRA L. BLANCHARD
BK. 3084 PG. 245

46 NORTH ROAD
JASON E. LUCAS &
DIANE K. LAZARZ
BK. 6938 PG. 38

- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.





**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

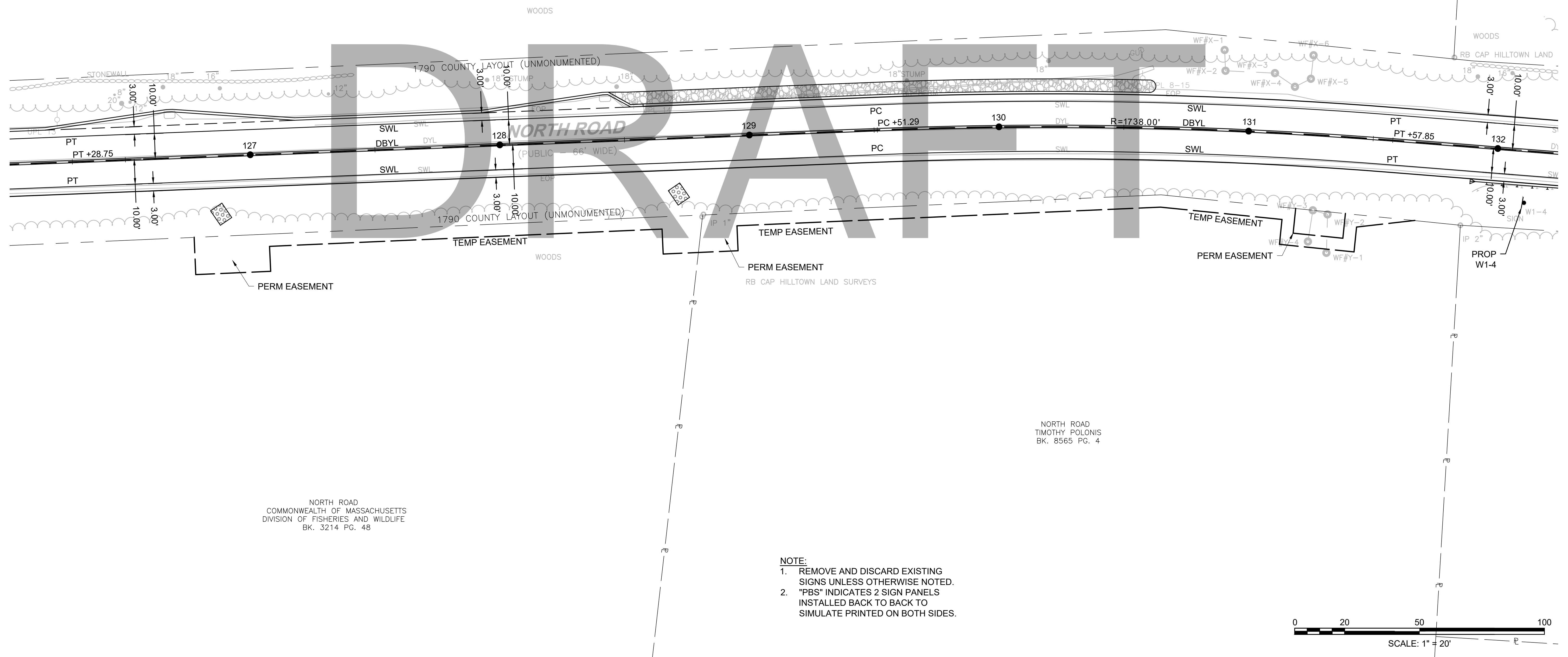
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	110	282

**SIGN & PAVEMENT MARKING PLANS
SHEET 06 OF 24**

NORTH ROAD
ROGER A. FULLER
BK. 11069 PG. 48
PLAN BOOK 266 PG. 69

CONTINUED ON
SHEET NO. 109

CONTINUED ON
SHEET NO. 111

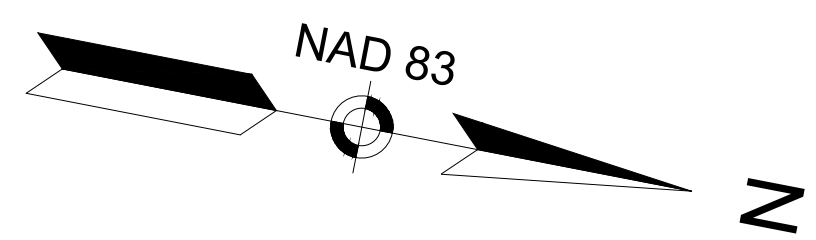


NORTH ROAD
COMMONWEALTH OF MASSACHUSETTS
DIVISION OF FISHERIES AND WILDLIFE
BK. 3214 PG. 48

NORTH ROAD
TIMOTHY POLONIS
BK. 8565 PG. 4

- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.





CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	111	282
PROJECT FILE NO.		608886	

SIGN & PAVEMENT MARKING PLANS
SHEET 07 OF 24

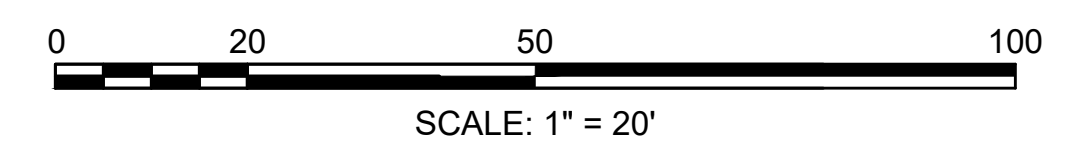
63 NORTH ROAD
ALYSON RHODES FORTIER
BK. 10521 PG. 103

63 NORTH ROAD
ALYSON RHODES FORTIER
BK. 10521 PG. 103

NORTH ROAD
MELINA M. BERARD & ANGIE
ROBERTS, HER HEIRS AND ASSIGNS,
EACH ONE HALF INTEREST
BK. 800 PG. 359

92 NORTH ROAD
NORTHAMPTON FARM, LLC
BK. 11937 PG. 320

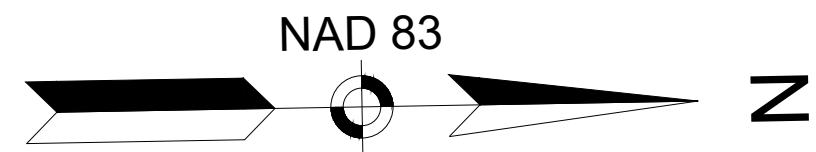
- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.



CONTINUED ON SHEET NO. 110

CONTINUED ON SHEET NO. 112

608886_HJD(SIGN AND PAVMT MARKING).DWG Plotted on 21-Feb-2024 6:10 PM



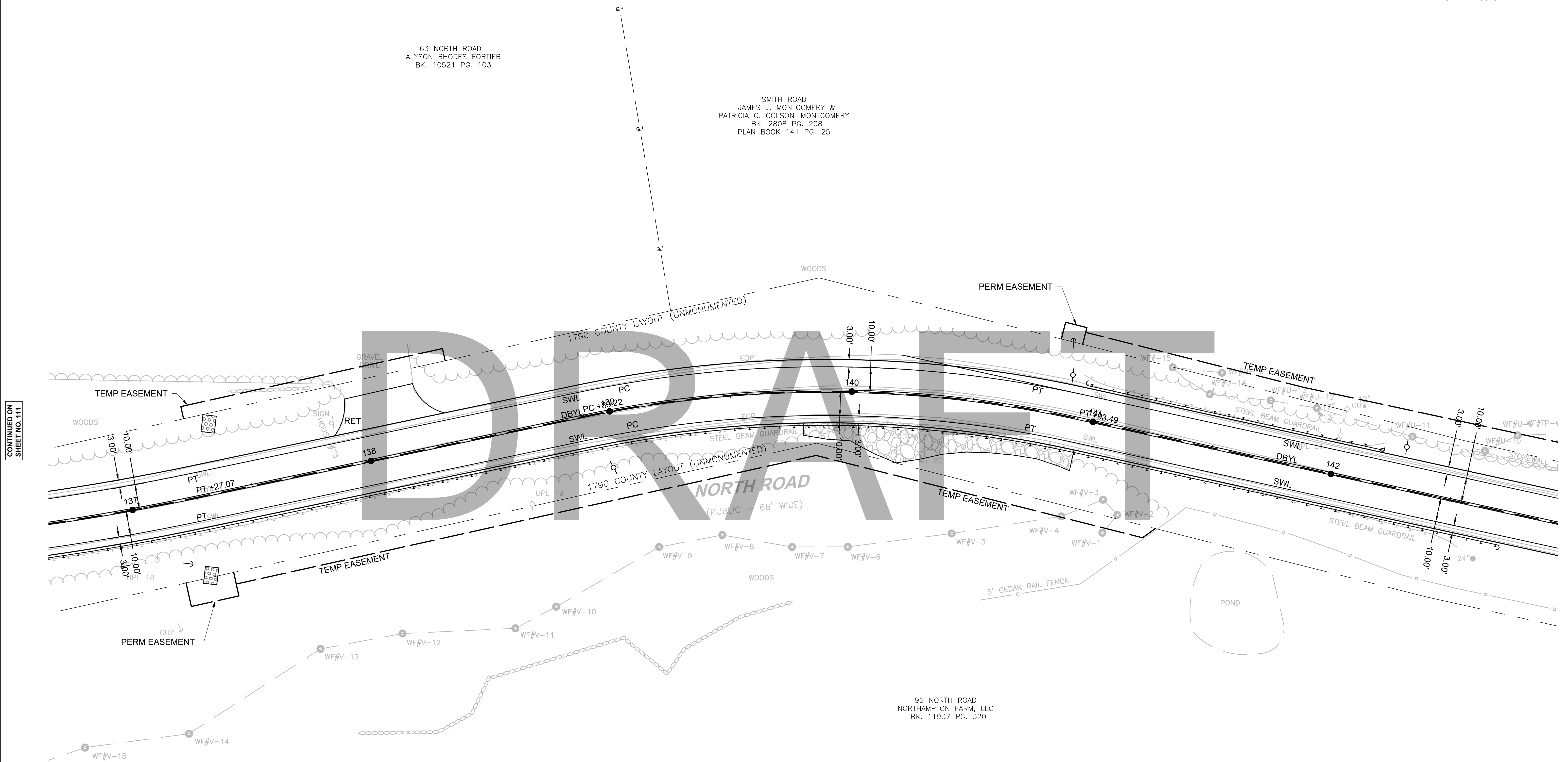
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	112	282
PROJECT FILE NO.		608886	

**SIGN & PAVEMENT MARKING PLANS
SHEET 08 OF 24**

63 NORTH ROAD
ALYSON RHODES FORTIER
BK. 10521 PG. 103

SMITH ROAD
JAMES J. MONTGOMERY &
PATRICIA G. COLSON-MONTGOMERY
BK. 2808 PG. 208
PLAN BOOK 141 PG. 25

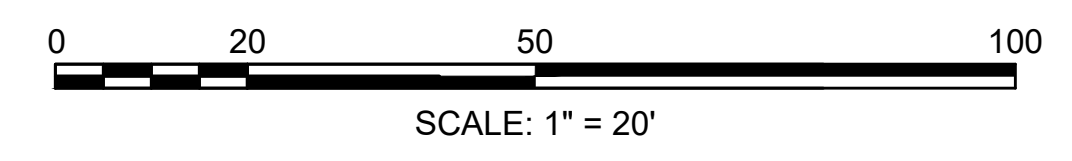


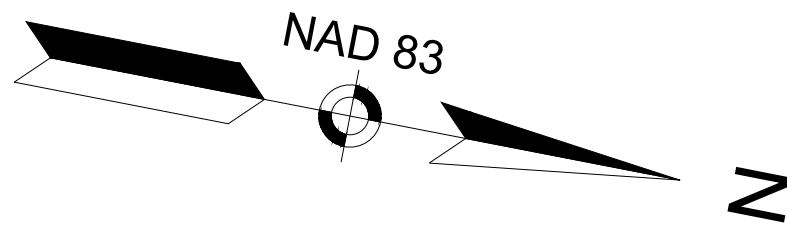
CONTINUED ON
SHEET NO. 111

CONTINUED ON
SHEET NO. 113

92 NORTH ROAD
NORTHAMPTON FARM, LLC
BK. 11937 PG. 320

- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.





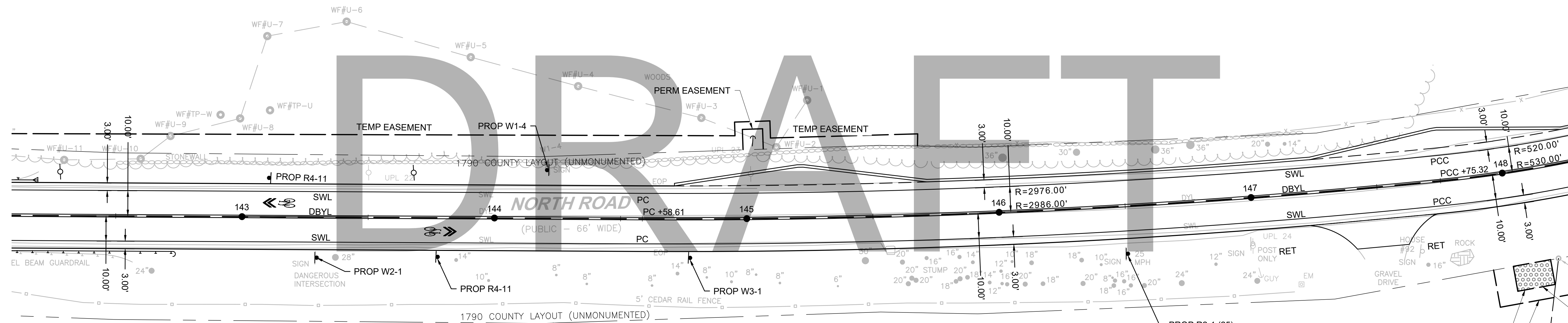
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	113	282
PROJECT FILE NO. 608886			

**SIGN & PAVEMENT MARKING PLANS
SHEET 09 OF 24**

SMITH ROAD
JAMES J. MONTGOMERY &
PATRICIA G. COLSON-MONTGOMERY
BK. 2808 PG. 208
PLAN BOOK 141 PG. 25

CONTINUED ON
SHEET NO. 112

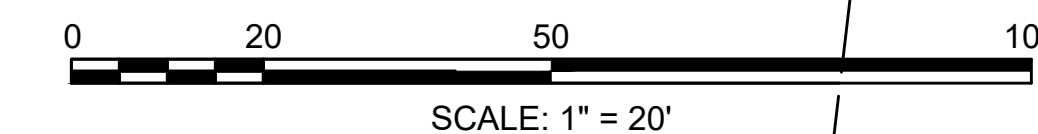


CONTINUED ON
SHEET NO. 114

92 NORTH ROAD
NORTHAMPTON FARM, LLC
BK. 11937 PG. 320

92 NORTH ROAD
NORTHAMPTON FARM, LLC
BK. 11937 PG. 320
PLAN BK. 196 PG. 57

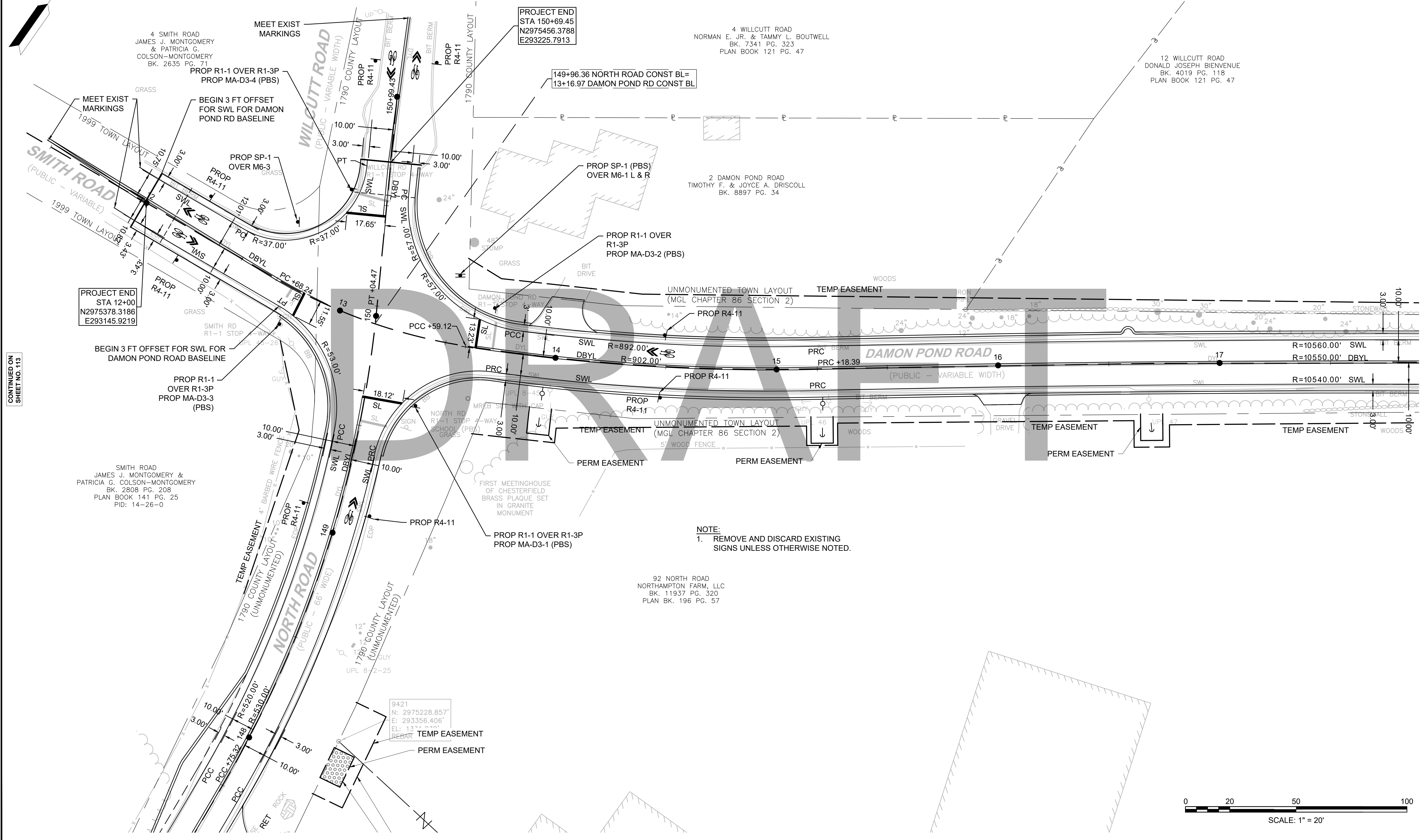
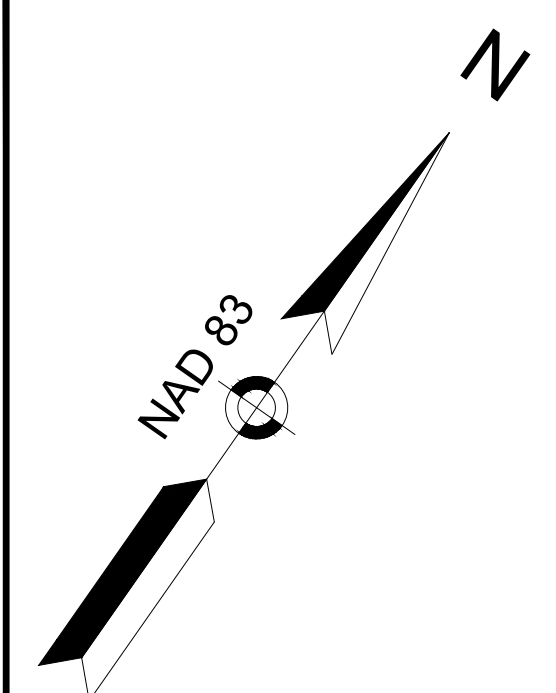
- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.



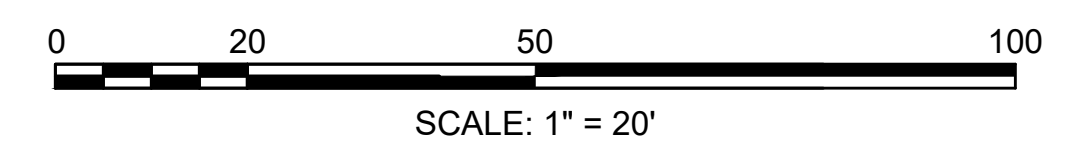
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	114	282
PROJECT FILE NO.		608886	

**SIGN & PAVEMENT MARKING PLANS
SHEET 10 OF 24**



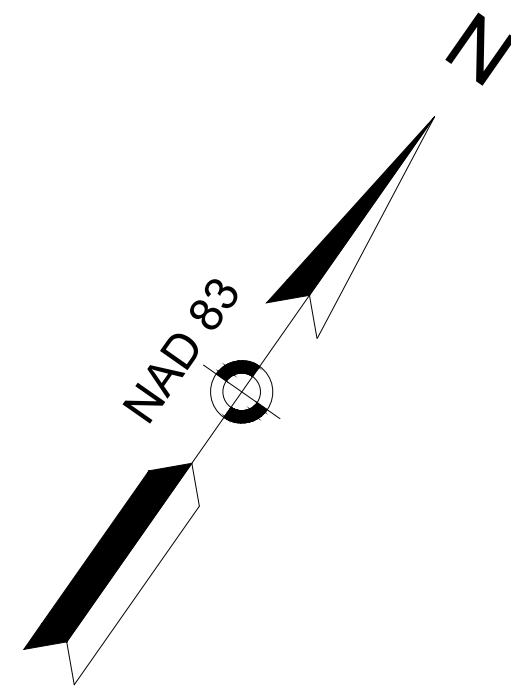
NOTE:
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.



CONTINUED ON SHEET NO. 113

CONTINUED ON SHEET NO. 115

608886_HD(SIGN AND PAVT MARKING).DWG Plotted on 21-Feb-2024 6:10 PM



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	115	282

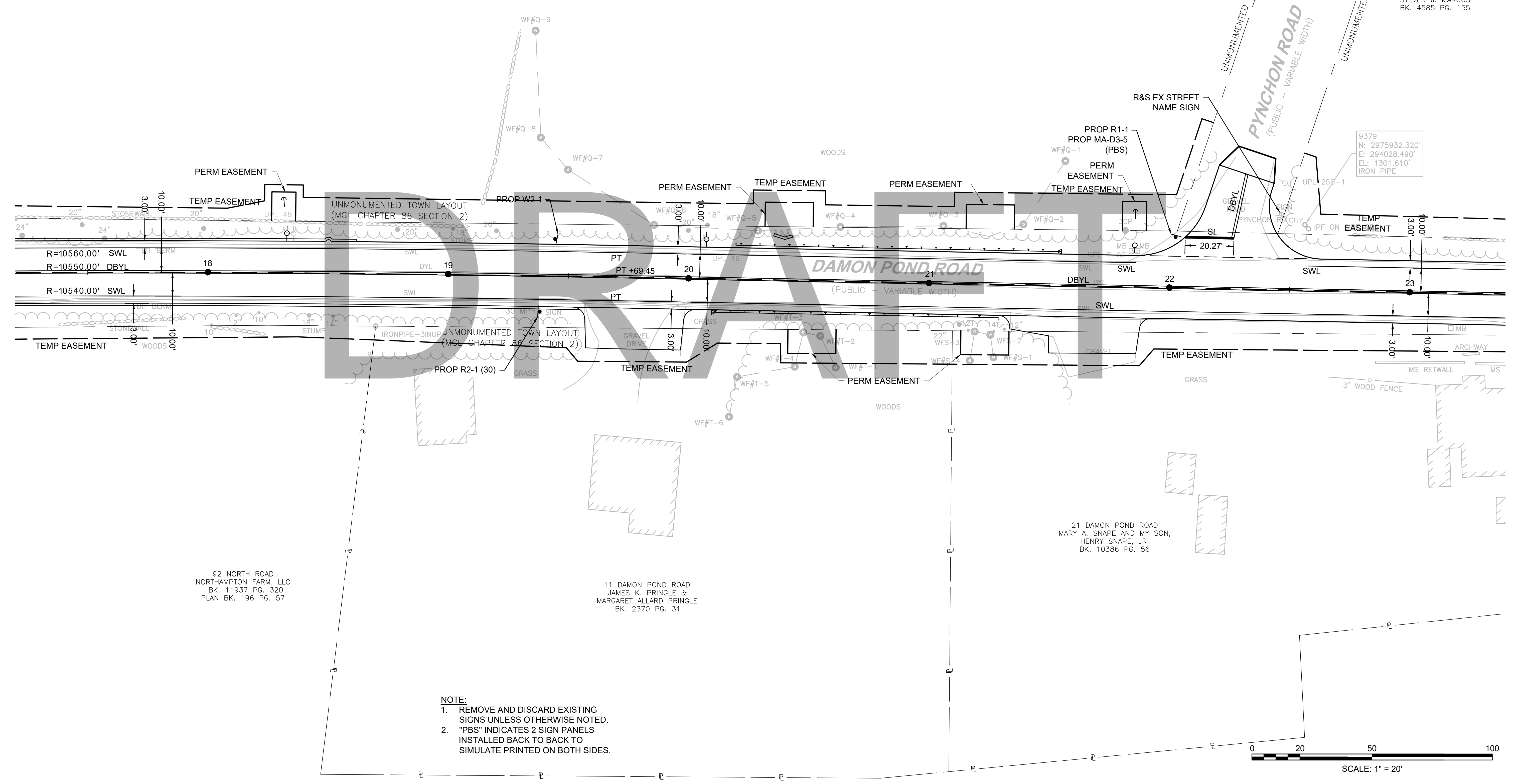
PROJECT FILE NO. 608886
SIGN & PAVEMENT MARKING PLANS
SHEET 11 OF 24

12 WILLCUTT ROAD
DONALD JOSEPH BIENVENUE
BK. 4019 PG. 118
PLAN BOOK 121 PG. 47

4 PYNCHON ROAD
STEVEN J. MARCUS
BK. 4585 PG. 155

CONTINUED ON
SHEET NO. 114

CONTINUED ON
SHEET NO. 116

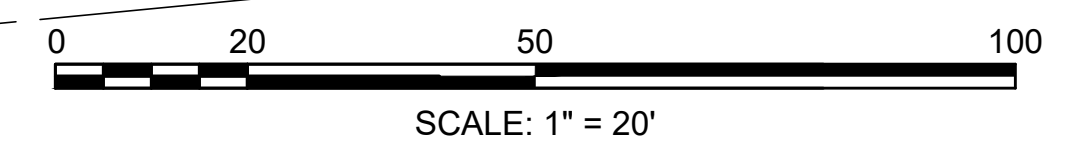


92 NORTH ROAD
NORTHAMPTON FARM, LLC
BK. 11937 PG. 320
PLAN BK. 196 PG. 57

11 DAMON POND ROAD
JAMES K. PRINGLE &
MARGARET ALLARD PRINGLE
BK. 2370 PG. 31

21 DAMON POND ROAD
MARY A. SNAPE AND MY SON,
HENRY SNAPE, JR.
BK. 10386 PG. 56

- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	116	282
PROJECT FILE NO.		608886	

**SIGN & PAVEMENT MARKING PLANS
SHEET 12 OF 24**

43 DAMON POND ROAD
THOMAS J. BOYLE &
NANCY PITTSINGER BOYLE
BK. 2444 PG. 288

26 DAMON POND ROAD
JAMES E. DAWSON &
AUTUMN M. BOYLE-DAWSON
BK. 8702 PG. 171

28 DAMON POND ROAD
KATHRYN D. MICKETT-KENNEDY &
RYAN J. KENNEDY
BK. 11004 PG. 232
PLAN BOOK 162 PG. 85

4 PYNCHON ROAD
STEVEN J. MARCUS
BK. 4585 PG. 155

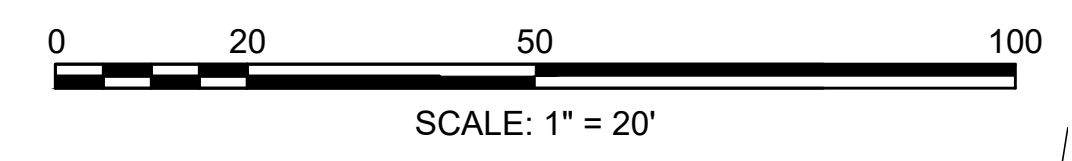
21 DAMON POND ROAD
MARY A. SNAPE AND MY SON,
HENRY SNAPE, JR.
BK. 10386 PG. 56

92 NORTH ROAD
NORTHAMPTON FARM, LLC
BK. 11937 PG. 320
PLAN BK. 196 PG. 57

27 DAMON POND ROAD
WILLIAM H. NUGENT, JR.
BK. 7976 PG. 200
PLAN BK. 156 PG. 83

27 DAMON POND ROAD
WILLIAM H. NUGENT, JR.
BK. 7976 PG. 200
PLAN BK. 144 PG. 49

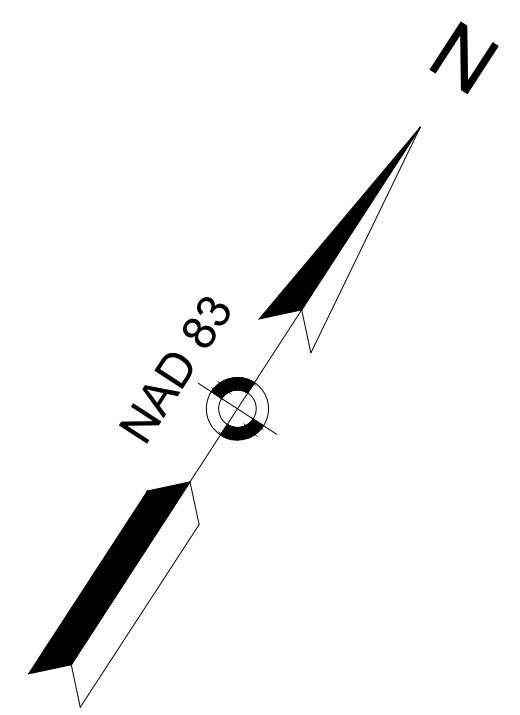
- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.



CONTINUED ON
SHEET NO. 115

CONTINUED ON
SHEET NO. 117

608886_HJD(SIGN AND PAVT MARKING).DWG Plotted on 21-Feb-2024 6:10 PM



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	117	282

PROJECT FILE NO. 608886
SIGN & PAVEMENT MARKING PLANS
SHEET 13 OF 24

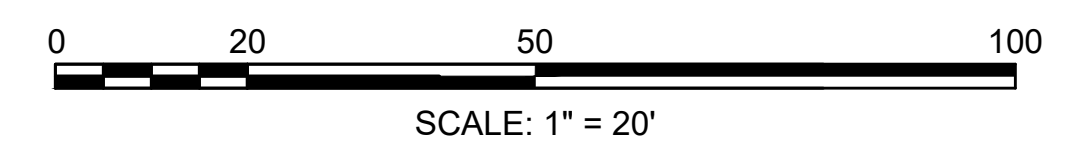
43 DAMON POND ROAD
THOMAS J. BOYLE &
NANCY PITTSINGER BOYLE
BK. 2444 PG. 288

43 DAMON POND ROAD
THOMAS J. BOYLE &
NANCY PITTSINGER BOYLE
BK. 2444 PG. 288

37 DAMON POND ROAD
LAWRENCE W. & EMILY B. HOLMBERG
BK. 3019 PG. 321
PLAN BK. 144 PG. 49

43 DAMON POND ROAD
THOMAS J. BOYLE & NANCY
PITTSINGER BOYLE
BK. 2444 PG. 288

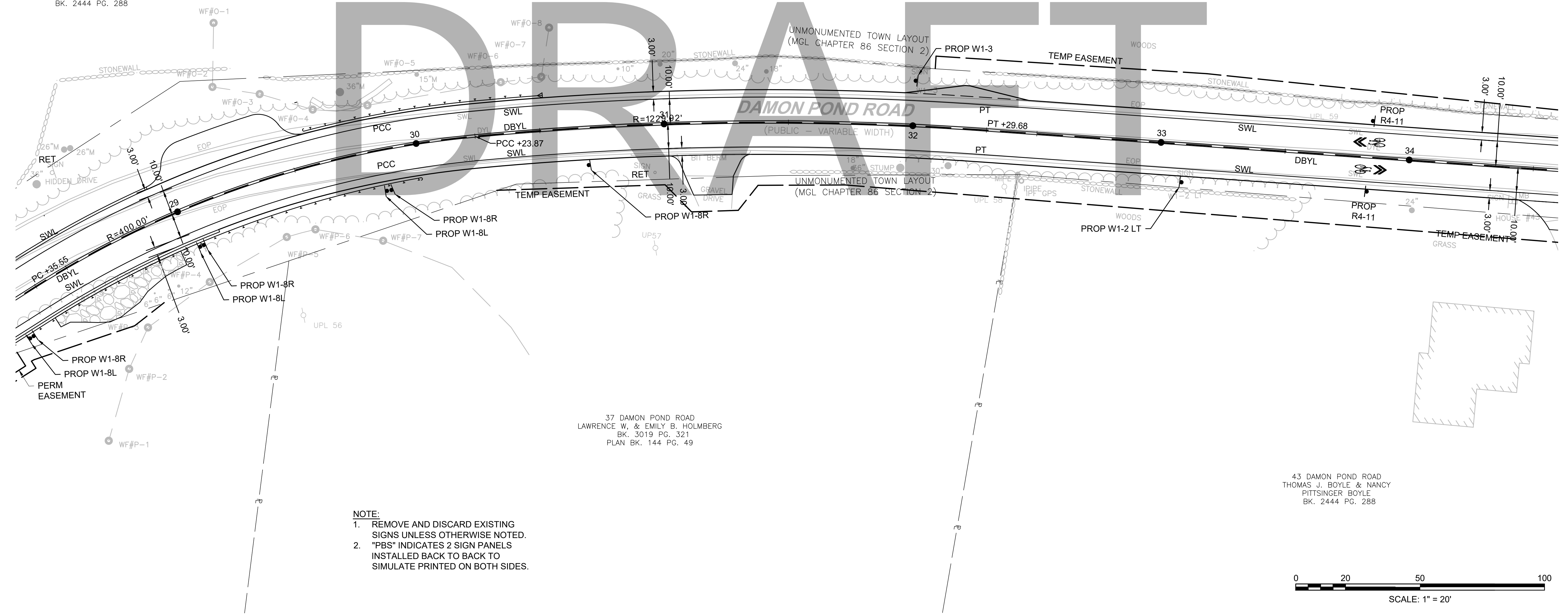
- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.

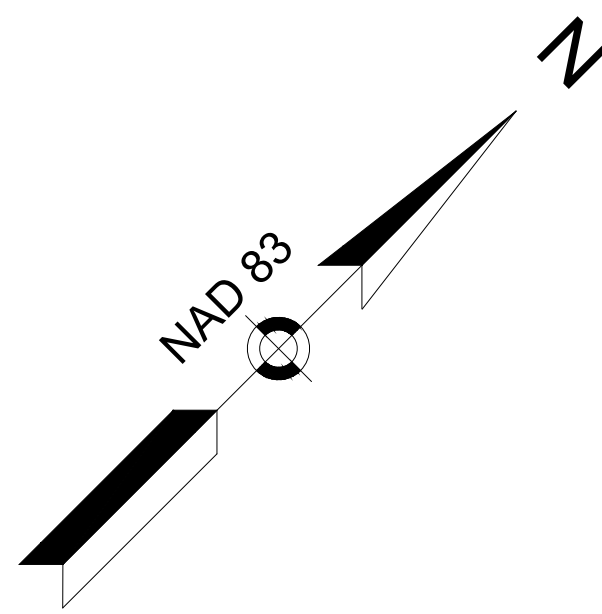


CONTINUED ON
SHEET NO. 116

CONTINUED ON
SHEET NO. 118

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**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	118	282

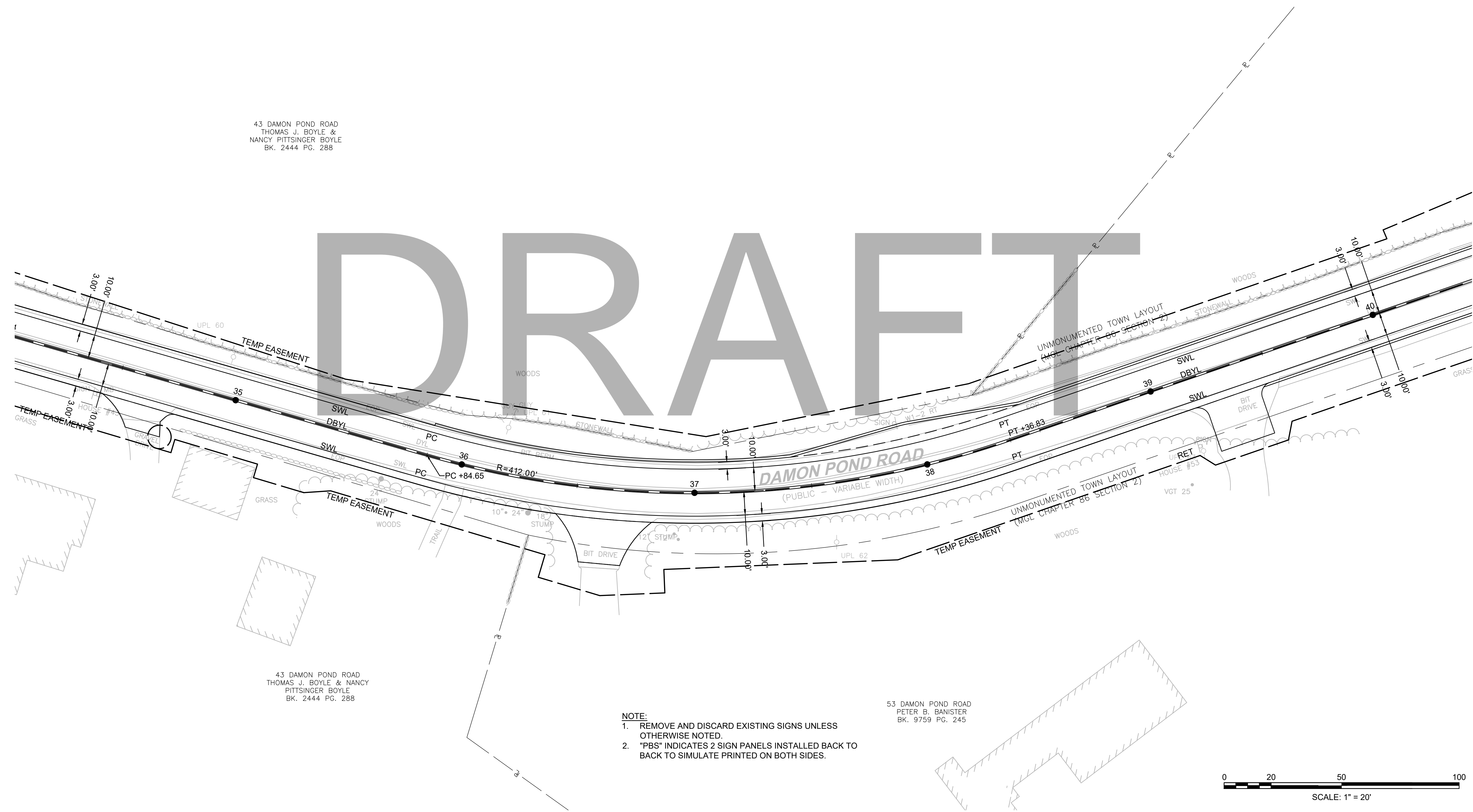
PROJECT FILE NO. 608886
SIGN & PAVEMENT MARKING PLANS
SHEET 14 OF 24

43 DAMON POND ROAD
THOMAS J. BOYLE &
NANCY PITTSINGER BOYLE
BK. 2444 PG. 288

DRAFT

CONTINUED ON
SHEET NO. 117

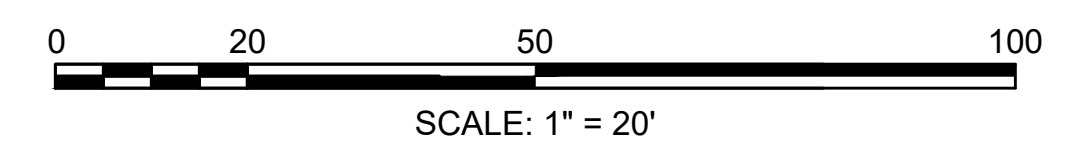
CONTINUED ON
SHEET NO. 119

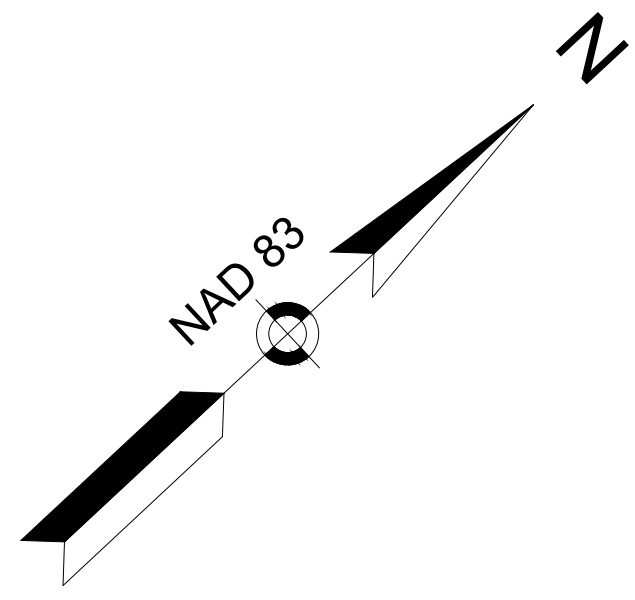


43 DAMON POND ROAD
THOMAS J. BOYLE & NANCY
PITTSINGER BOYLE
BK. 2444 PG. 288

53 DAMON POND ROAD
PETER B. BANISTER
BK. 9759 PG. 245

- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.





**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

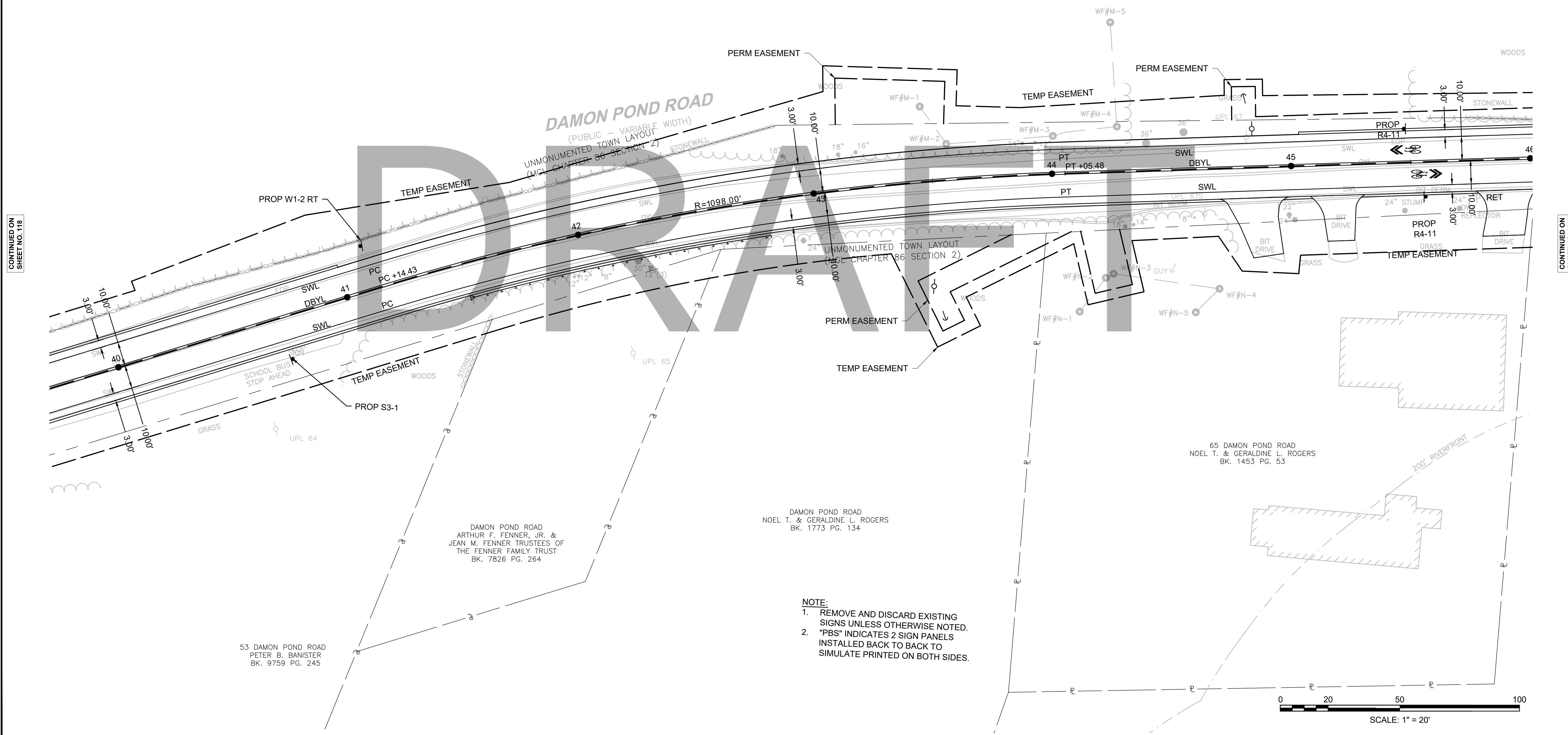
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	119	282
PROJECT FILE NO.		608886	

**SIGN & PAVEMENT MARKING PLANS
SHEET 15 OF 24**

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281

CONTINUED ON
SHEET NO. 118

CONTINUED ON
SHEET NO. 120



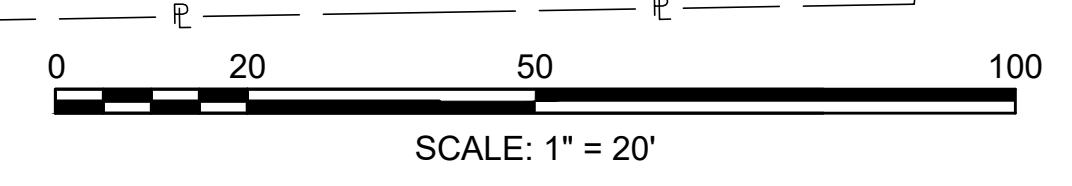
53 DAMON POND ROAD
PETER B. BANISTER
BK. 9759 PG. 245

DAMON POND ROAD
ARTHUR F. FENNER, JR. &
JEAN M. FENNER TRUSTEES OF
THE FENNER FAMILY TRUST
BK. 7826 PG. 264

DAMON POND ROAD
NOEL T. & GERALDINE L. ROGERS
BK. 1773 PG. 134

65 DAMON POND ROAD
NOEL T. & GERALDINE L. ROGERS
BK. 1453 PG. 53

- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

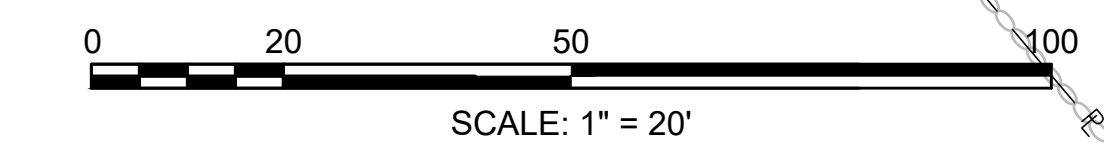
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	120	282

**SIGN & PAVEMENT MARKING PLANS
SHEET 16 OF 24**

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±

67 DAMON POND ROAD
JOSEPH S. BARKER, JR.
BK. 12399 PG. 181

- NOTE:**
- REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 - "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.



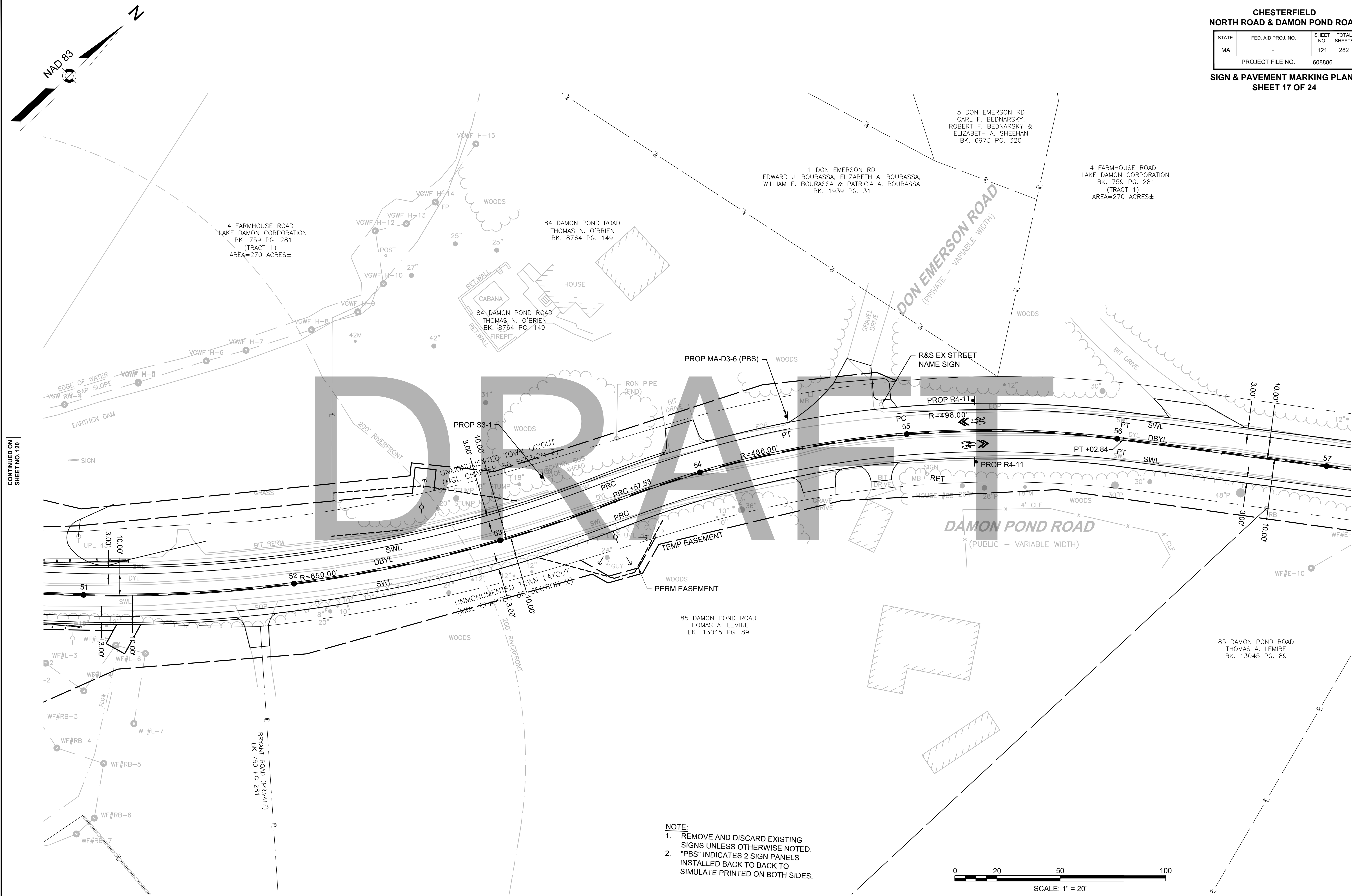
CONTINUED ON
SHEET NO. 119

CONTINUED ON
SHEET NO. 121

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	121	282
PROJECT FILE NO.		608886	

**SIGN & PAVEMENT MARKING PLANS
SHEET 17 OF 24**

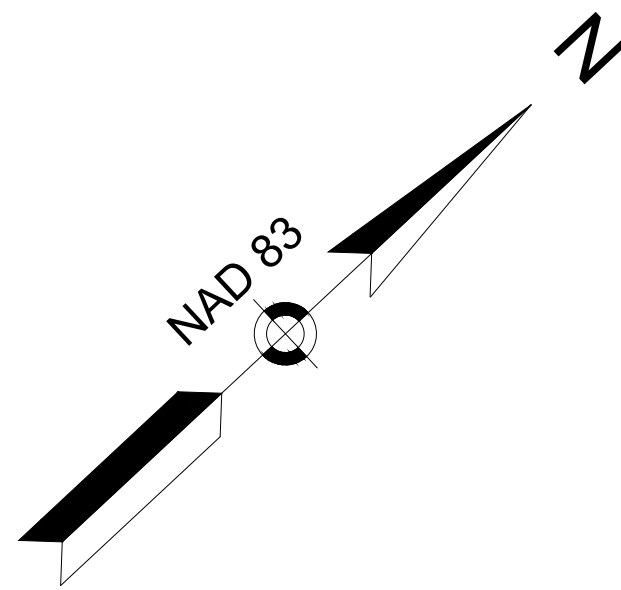


CONTINUED ON
SHEET NO. 120

CONTINUED ON
SHEET NO. 122

- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.



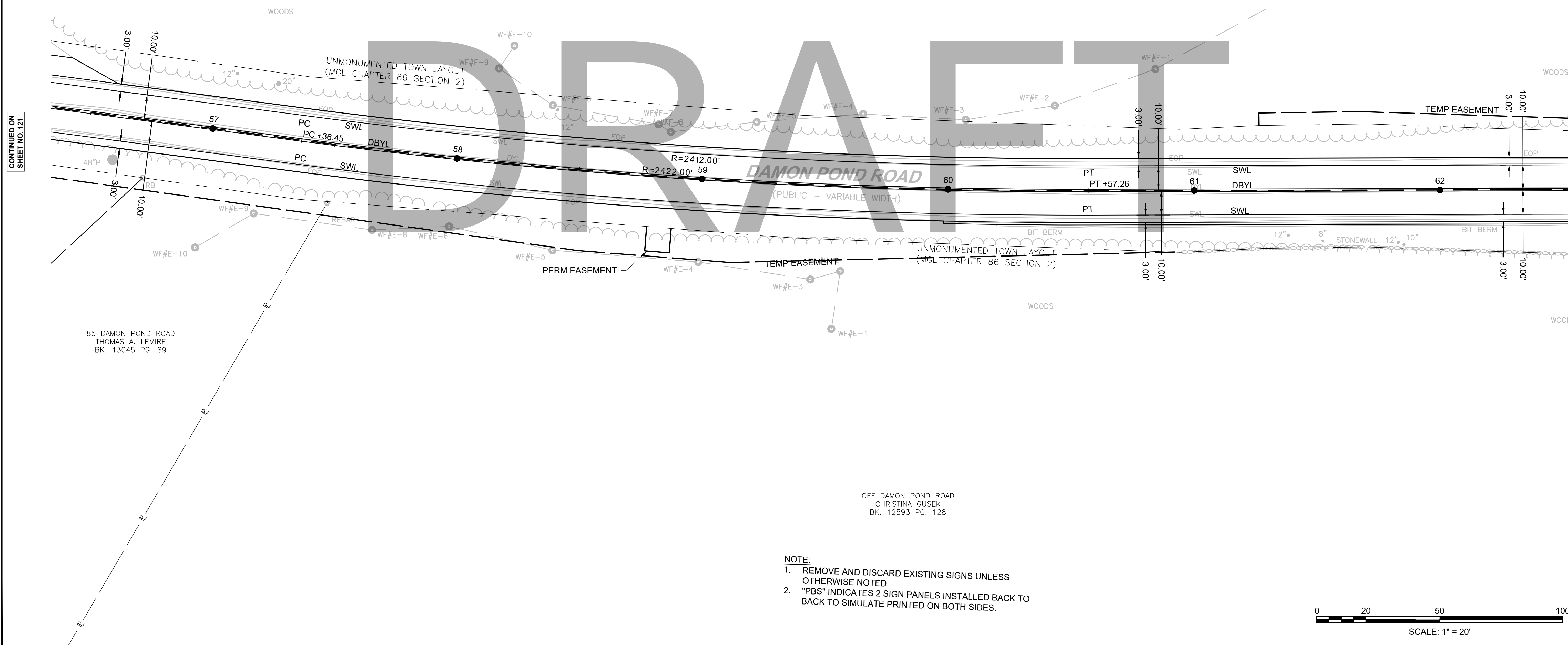


**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	122	282
PROJECT FILE NO.		608886	

**SIGN & PAVEMENT MARKING PLANS
SHEET 18 OF 24**

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±



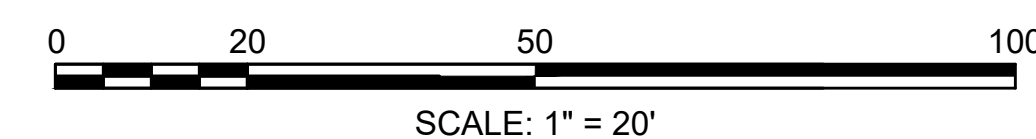
CONTINUED ON
SHEET NO. 121

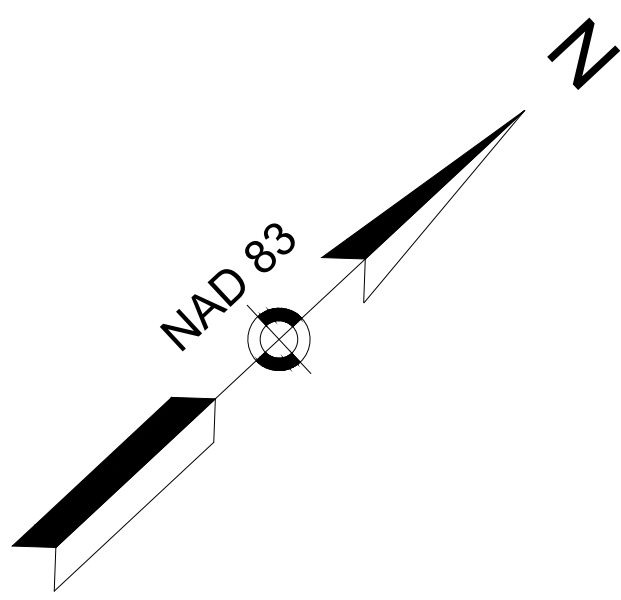
CONTINUED ON
SHEET NO. 123

85 DAMON POND ROAD
THOMAS A. LEMIRE
BK. 13045 PG. 89

OFF DAMON POND ROAD
CHRISTINA GUSEK
BK. 12593 PG. 128

- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.





**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

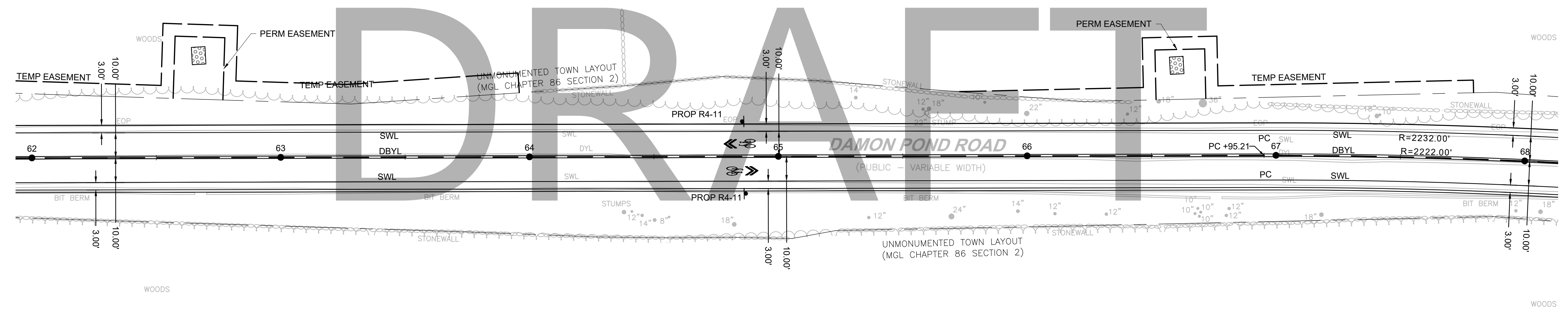
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	123	282

PROJECT FILE NO. 608886
SIGN & PAVEMENT MARKING PLANS
SHEET 19 OF 24

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±

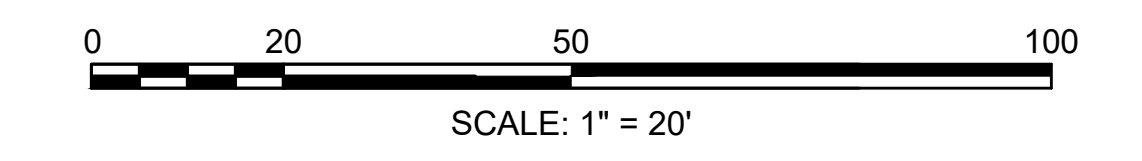
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SHEET NO. 122

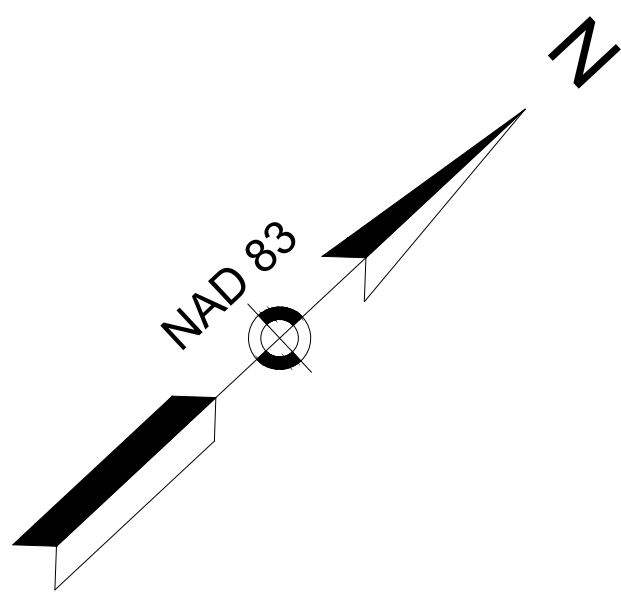
CONTINUED ON
SHEET NO. 124



OFF DAMON POND ROAD
CHRISTINA GUSEK
BK. 12593 PG. 129

- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.





**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

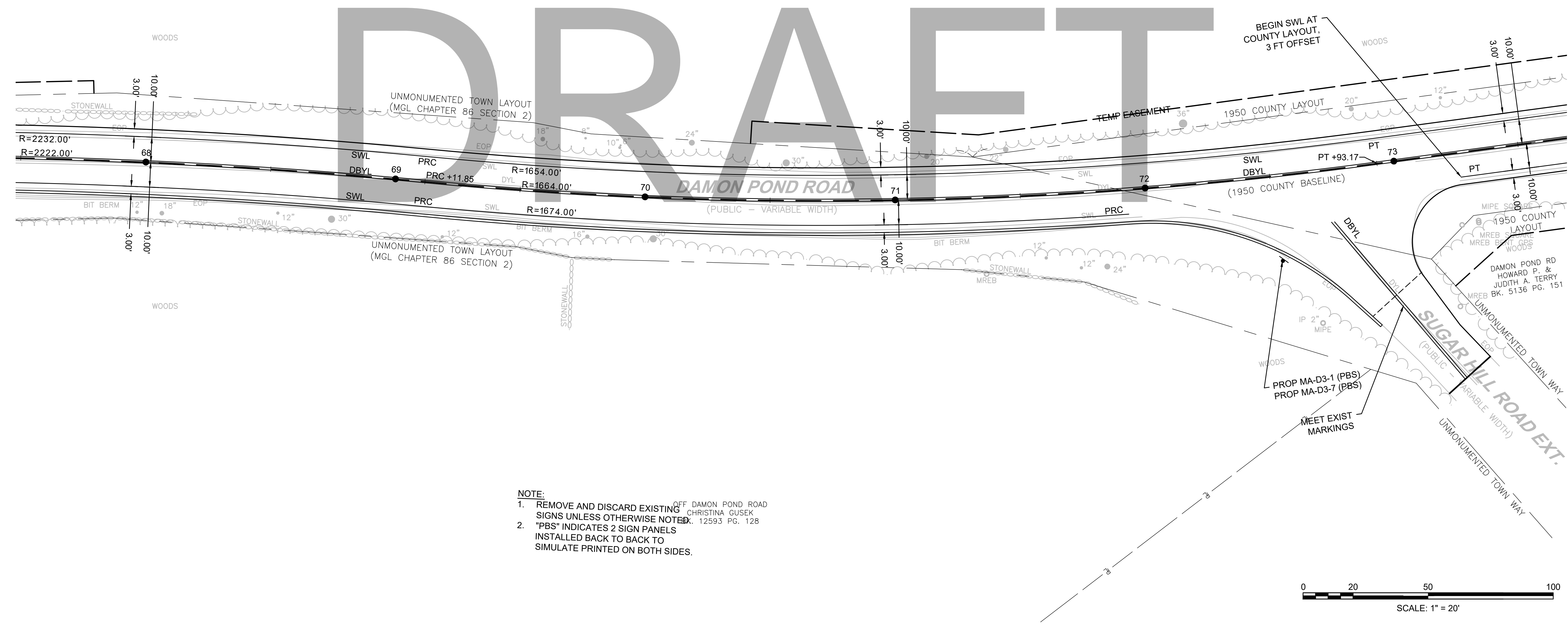
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	124	282
PROJECT FILE NO.		608886	

**SIGN & PAVEMENT MARKING PLANS
SHEET 20 OF 24**

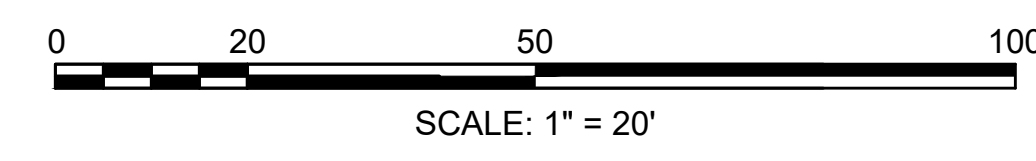
4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±

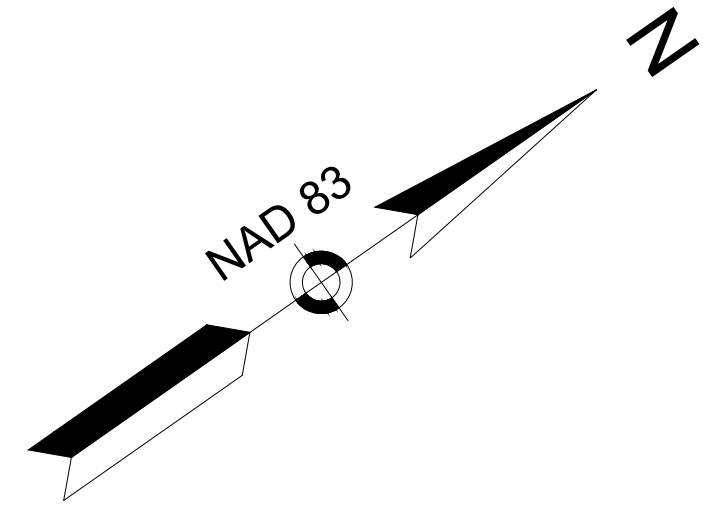
CONTINUED ON
SHEET NO. 123

CONTINUED ON
SHEET NO. 125



- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.





**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	125	282
PROJECT FILE NO.		608886	

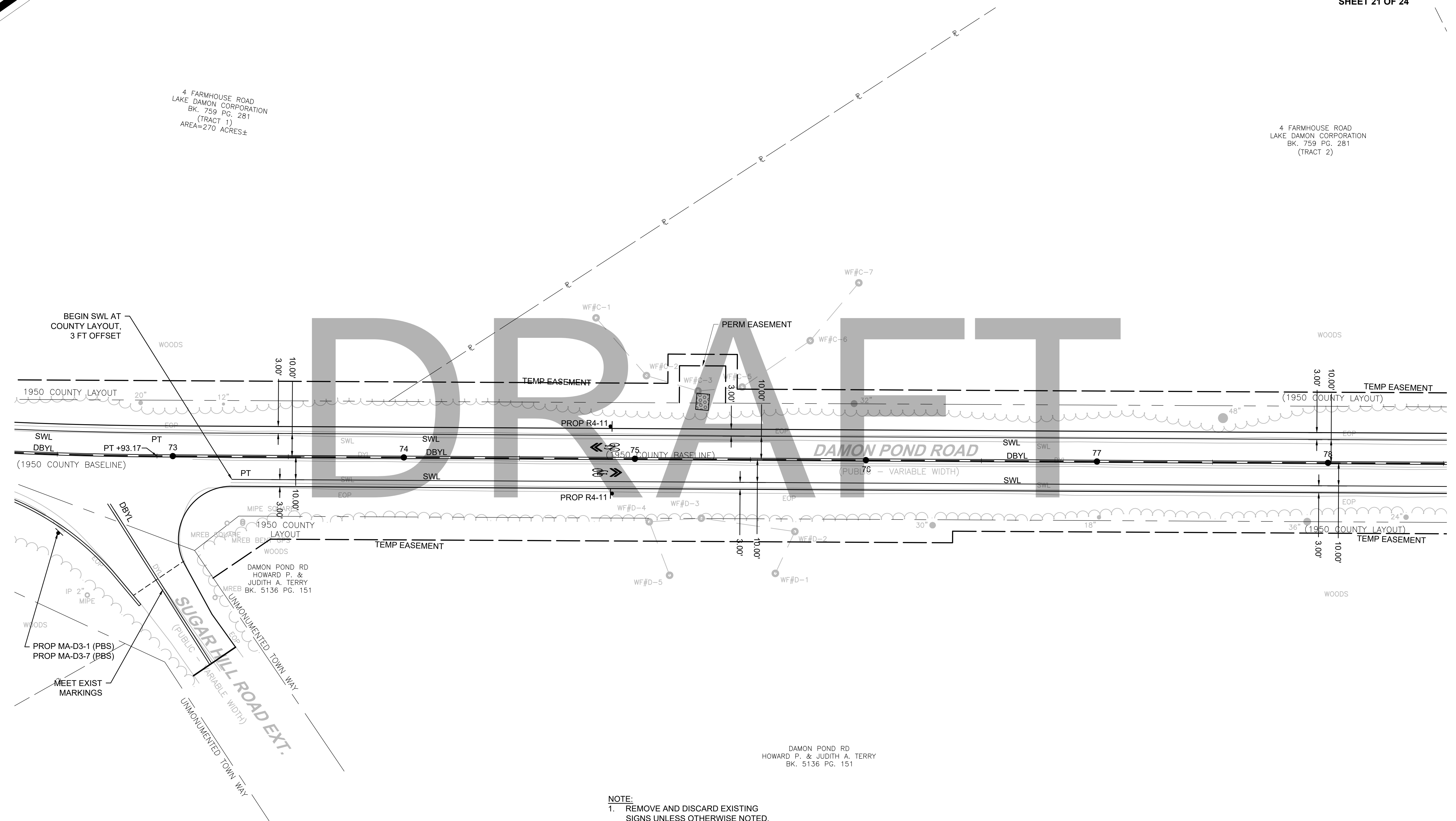
**SIGN & PAVEMENT MARKING PLANS
SHEET 21 OF 24**

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±

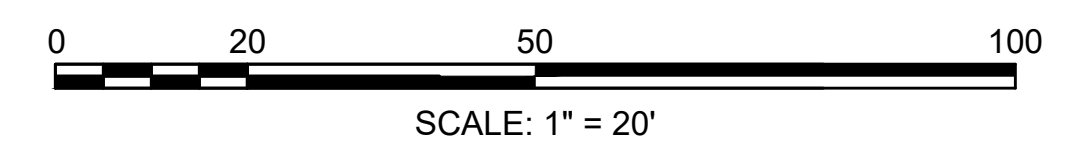
4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 2)

CONTINUED ON
SHEET NO. 124

CONTINUED ON
SHEET NO. 126



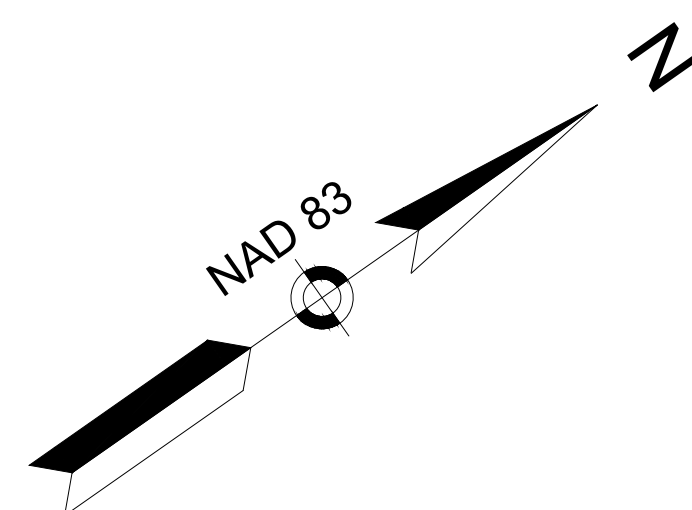
- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	126	282
PROJECT FILE NO.		608886	

**SIGN & PAVEMENT MARKING PLANS
SHEET 22 OF 24**



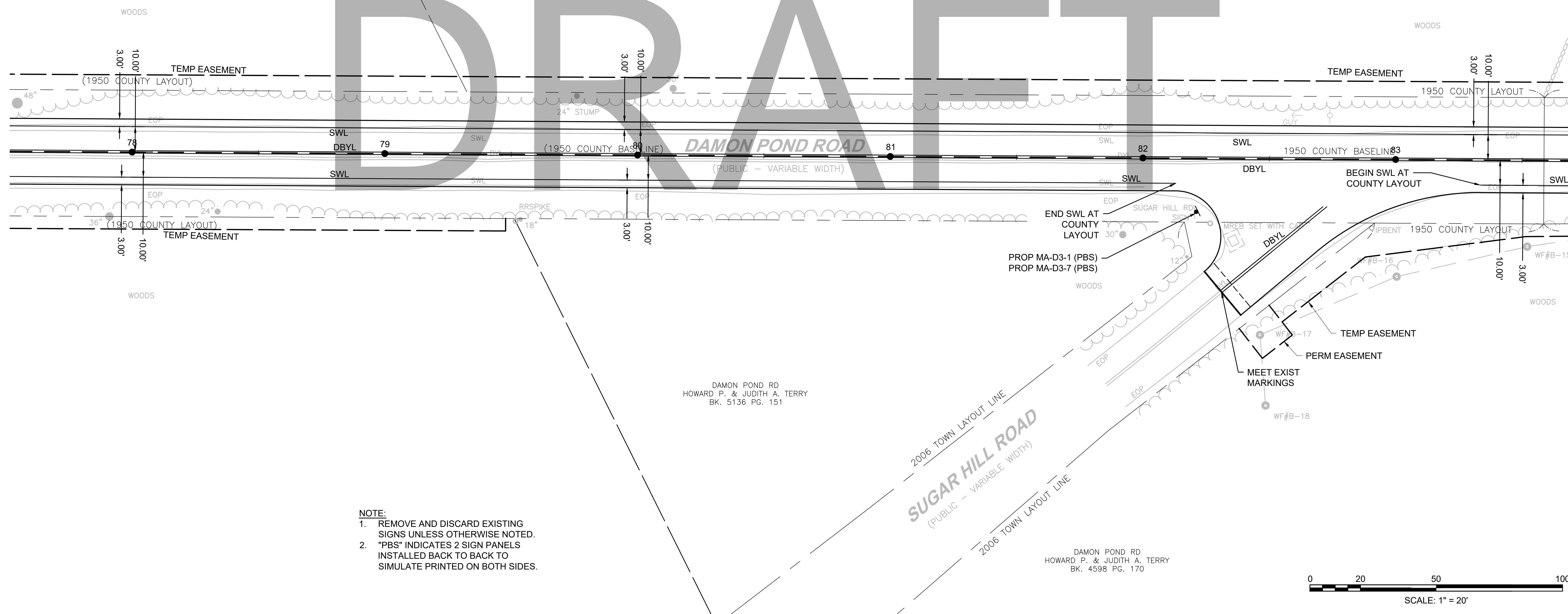
4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 2)

4 FARMHOUSE RD
LAKE DAMON CORPORATION
BK. 759 PG. 281

DRAFT

CONTINUED ON
SHEET NO. 125

CONTINUED ON
SHEET NO. 127

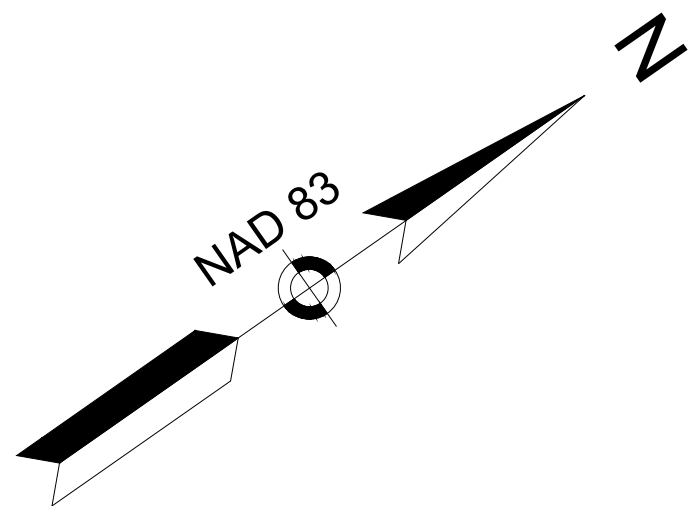


- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.

DAMON POND RD
HOWARD P. & JUDITH A. TERRY
BK. 5136 PG. 151

DAMON POND RD
HOWARD P. & JUDITH A. TERRY
BK. 4598 PG. 170





**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	127	282
PROJECT FILE NO.		608886	

**SIGN & PAVEMENT MARKING PLANS
SHEET 23 OF 24**

4 FARMHOUSE RD
LAKE DAMON CORPORATION
BK. 759 PG. 281

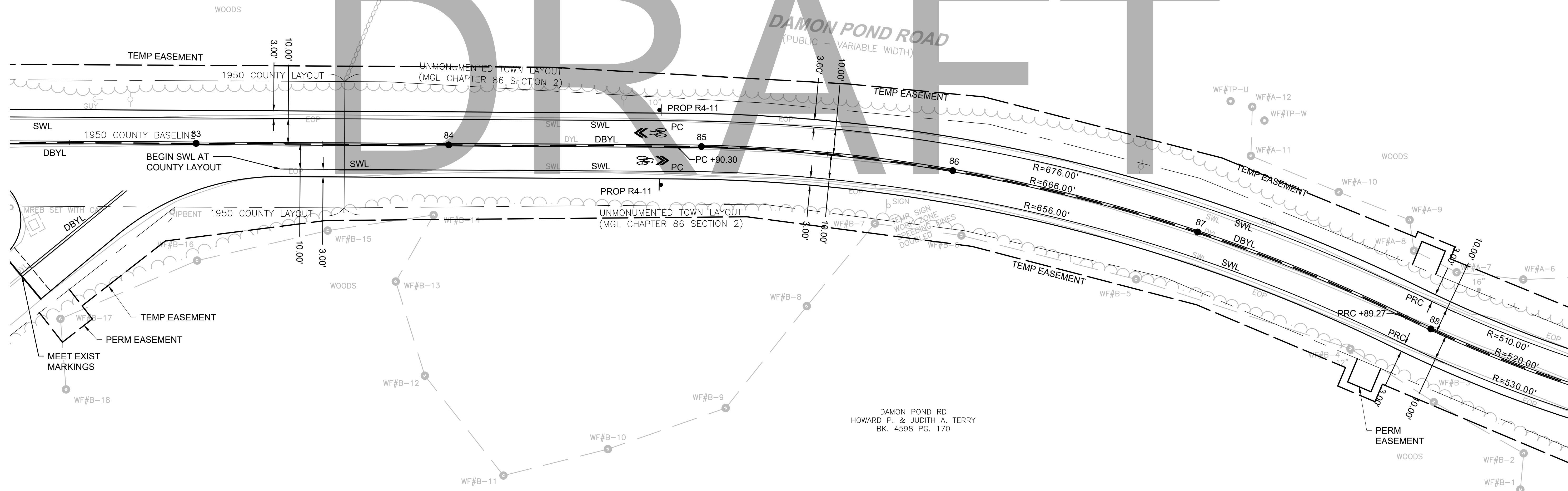
4 FARMHOUSE RD
LAKE DAMON CORPORATION
BK. 759 PG. 281

DRAFT

DAMON POND ROAD
(PUBLIC - VARIABLE WIDTH)

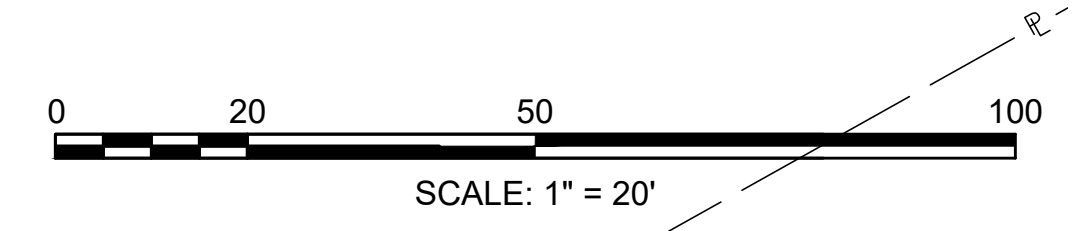
CONTINUED ON
SHEET NO. 126

CONTINUED ON
SHEET NO. 128



DAMON POND RD
HOWARD P. & JUDITH A. TERRY
BK. 4598 PG. 170

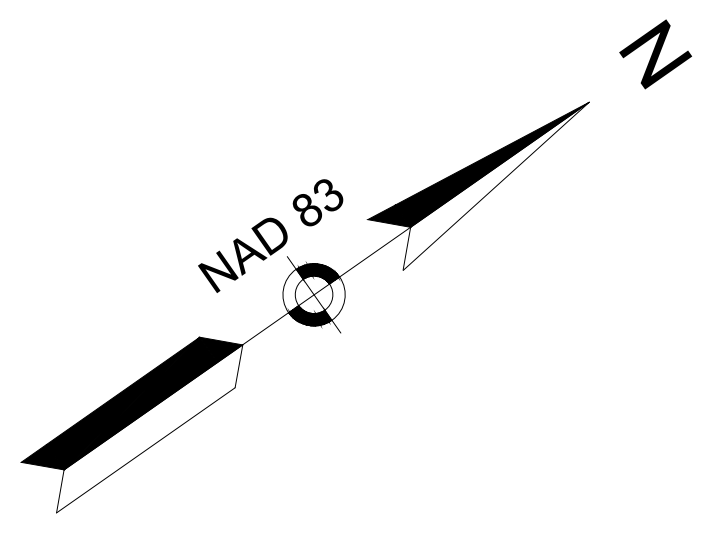
- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	128	282

PROJECT FILE NO. 608886
**SIGN & PAVEMENT MARKING PLANS
SHEET 24 OF 24**



4 FARMHOUSE RD
LAKE DAMON CORPORATION
BK. 759 PG. 281

DAMON POND RD
JAMES J. & CASSANDRA L. MORREY
BK. 8275 PG. 42

PROJECT END
STA 93+03.50
N2981063.8212
E298684.8515

DRAFT

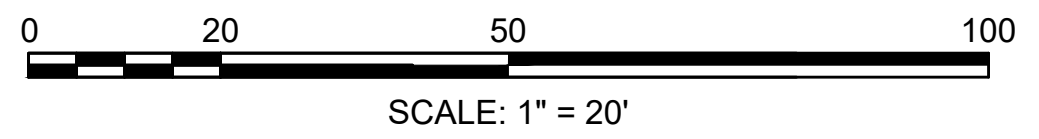
CONTINUED ON
SHEET NO. 127



- NOTE:**
1. REMOVE AND DISCARD EXISTING SIGNS UNLESS OTHERWISE NOTED.
 2. "PBS" INDICATES 2 SIGN PANELS INSTALLED BACK TO BACK TO SIMULATE PRINTED ON BOTH SIDES.

153 DAMON POND RD
KATHLEEN ANN SULLIVAN &
JAN CHRISTINE SULLIVAN TRUSTEES OF THE
BARBARA J. SULLIVAN IRREVOCABLE TRUST
BK. 8847 PG. 29

157 DAMON POND RD
JANE M. HARPOLE
BK. 7716 PG. 341



STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	129	282
PROJECT FILE NO.		608886	

TRAFFIC SIGN SUMMARY

TRAFFIC SIGN SUMMARY

IDENTIFICATION NUMBER	SIZE OF SIGN (INCHES)		TEXT	TEXT DIMENSIONS (INCHES)			COLOR			# OF SIGNS REQ'D	UNIT AREA (SF)	TOTAL AREA (SF)	POST SIZE (TOT # POSTS)
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE MARKER	BACK-GROUND	LEGEND	BORDER				
R1-1	30	30		MUTCD STD	MUTCD STD	MUTCD STD	RED	WHITE	WHITE	6	6.25	37.5	P5 (6)
R1-3P	18	6					RED	WHITE	WHITE	4	0.75	3.0	MOUNT W/ R1-1
R2-1 (25)	24	30					WHITE	BLACK	BLACK	2	5.0	10.0	P5 (2)
R2-1 (30)	24	30					WHITE	BLACK	BLACK	3	5.0	15.0	P5 (3)
R2-1 (35)	24	30					WHITE	BLACK	BLACK	1	5.0	5.0	P5 (1)
W1-2 LT	30	30					YELLOW	BLACK	BLACK	1	6.25	6.25	P5 (1)
W1-2 RT	30	30					YELLOW	BLACK	BLACK	1	6.25	6.25	P5 (1)
W1-3	30	30					YELLOW	BLACK	BLACK	2	6.25	12.5	P5 (2)
W1-4L	30	30					YELLOW	BLACK	BLACK	2	6.25	12.5	P5 (2)
W3-1	30	30					YELLOW	BLACK	BLACK	1	6.25	6.25	P5 (2)

IDENTIFICATION NUMBER	SIZE OF SIGN (INCHES)		TEXT	TEXT DIMENSIONS (INCHES)			COLOR			# OF SIGNS REQ'D	UNIT AREA (SF)	TOTAL AREA (SF)	POST SIZE (TOT # POSTS)
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE MARKER	BACK-GROUND	LEGEND	BORDER				
W1-8L	18	24		MUTCD STD	MUTCD STD	MUTCD STD	YELLOW	BLACK	BLACK	5	3	15	P5 (5)
W1-8R	18	24					YELLOW	BLACK	BLACK	5	3	15	P5 (5)
W2-1	30	30					YELLOW	BLACK	BLACK	2	6.25	12.5	P5 (2)
W11-8	30	30					YELLOW	BLACK	BLACK	1	6.25	6.25	P5 (1)
S1-1	36	36					FLUORES-CENT YELLOW GREEN	BLACK	BLACK	1	9.00	9.0	P5 (1)
S3-1	36	36					FLUORES-CENT YELLOW GREEN	BLACK	BLACK	2	6.25	12.5	P5 (2)
SP-1	24	24					FLUORES-CENT YELLOW GREEN	BLACK	BLACK	6	4	24.0	BACK TO BACK POST; P5 (2)
M6-1L M6-1R	21	15					BLACK	WHITE	WHITE	4	2.1875	8.75	MOUNT LT & RT BACK TO BACK BELOW SP-1
M6-3	21	15					BLACK	WHITE	WHITE	2	2.1875	4.38	MOUNT BELOW SP-1
R4-11	30	30					WHITE	BLACK	BLACK	34	6.25	212.50	P5 (34)

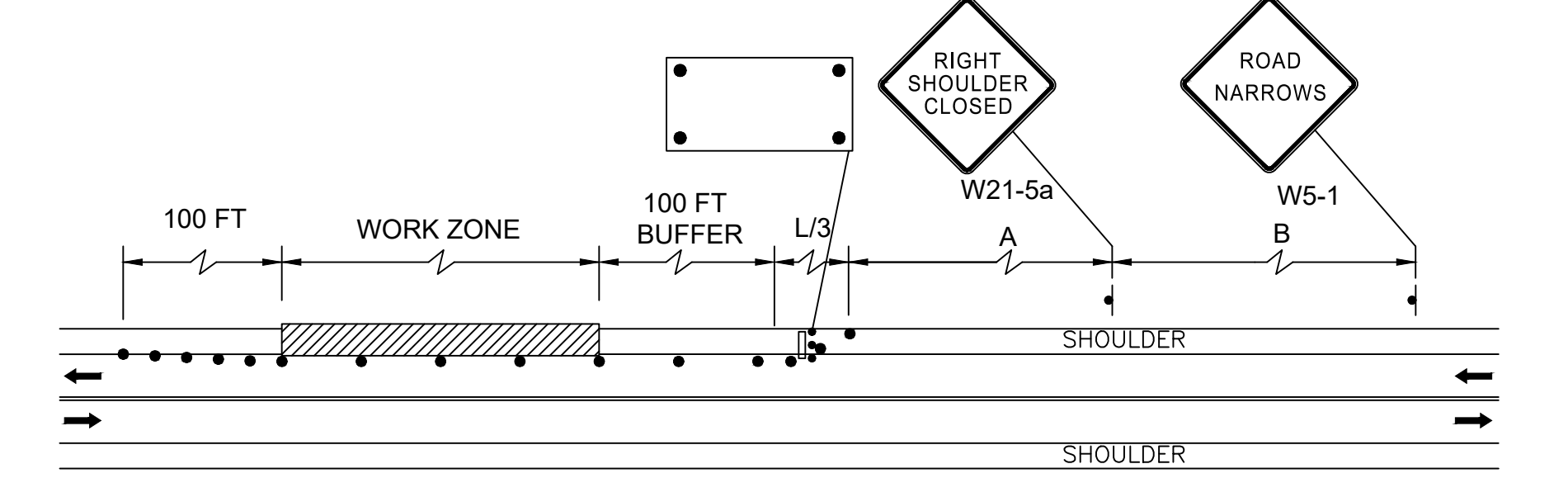
TOTAL = 434.13 SF

IDENTIFICATION NUMBER	SIZE OF SIGN (INCHES)		TEXT	TEXT DIMENSIONS (INCHES)			COLOR			NUMBER OF SIGNS REQUIRED	UNIT AREA (SF)	TOTAL AREA (SF)	POST SIZE (# POSTS)
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE MARKER	BACK-GROUND	LEGEND	BORDER				
MA-D3-1	34	12		SERIES D 1ST LETTER: 6" ABBR.: 4"	3.00" TOP 3.00" BOTTOM*	N/A	GREEN	WHITE SERIES D	WHITE	6	2.83	16.98	(3) BACK TO BACK OVER R1-1
MA-D3-2	45	12		SERIES B 1ST LETTER: 6" ABBR.: 4"	3.00" TOP 3.00" BOTTOM*	N/A	GREEN	WHITE SERIES B	WHITE	2	3.75	7.5	(1) BACK TO BACK OVER R1-1
MA-D3-3	35	12		SERIES D 1ST LETTER: 6" ABBR.: 4"	3.00" TOP 3.00" BOTTOM*	N/A	GREEN	WHITE SERIES D	WHITE	2	2.92	5.84	(1) BACK TO BACK OVER R1-1
MA-D3-4	38	12		SERIES D 1ST LETTER: 6" ABBR.: 4"	3.00" TOP 3.00" BOTTOM*	N/A	GREEN	WHITE SERIES D	WHITE	2	3.17	6.34	(1) BACK TO BACK OVER R1-1
MA-D3-5	40	12		SERIES C 1ST LETTER: 6" ABBR.: 4"	2.75" TOP 3.25" BOTTOM*	N/A	GREEN	WHITE SERIES C	WHITE	2	3.33	6.66	(1) BACK TO BACK OVER R1-1
MA-D3-6	46	12		SERIES B 1ST LETTER: 6" ABBR.: 4"	3.00" TOP 3.00" BOTTOM*	N/A	GREEN	WHITE SERIES B	WHITE	2	3.83	28.73	(1) BACK TO BACK P5 (2)
MA-D3-7	40	12		SERIES B 1ST LETTER: 6" ABBR.: 4"	2.75" TOP 3.25" BOTTOM*	N/A	GREEN	WHITE SERIES B	WHITE	4	3.33	13.32	(2) BACK TO BACK P5

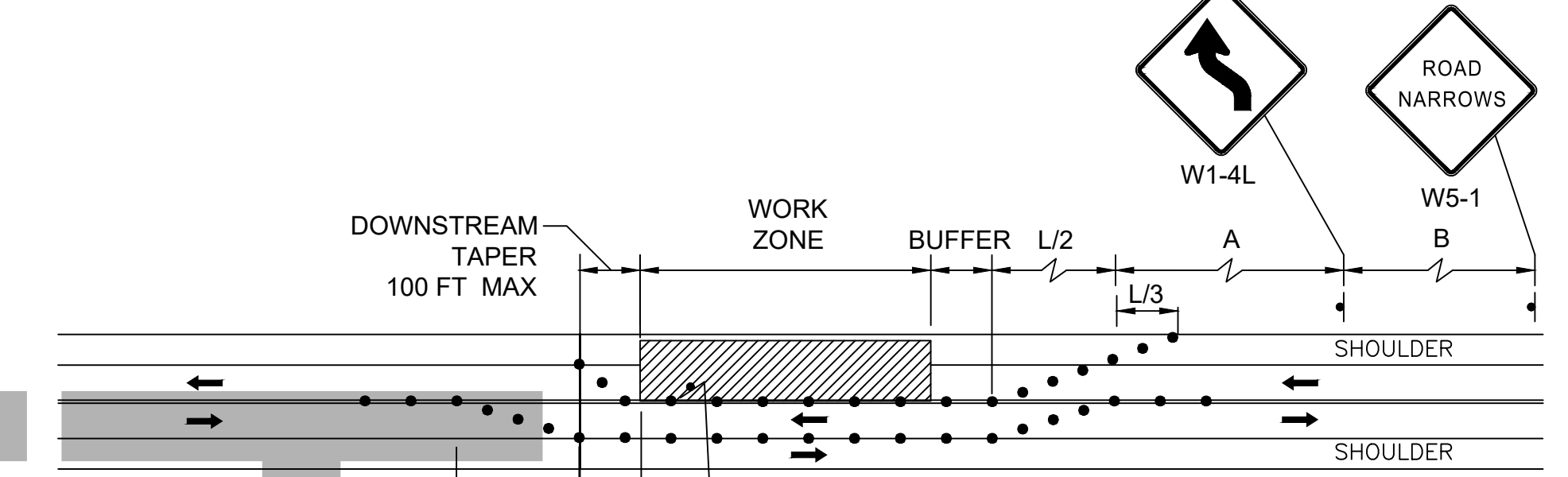
TOTAL = 85.37 SF

SIGN NOTES:

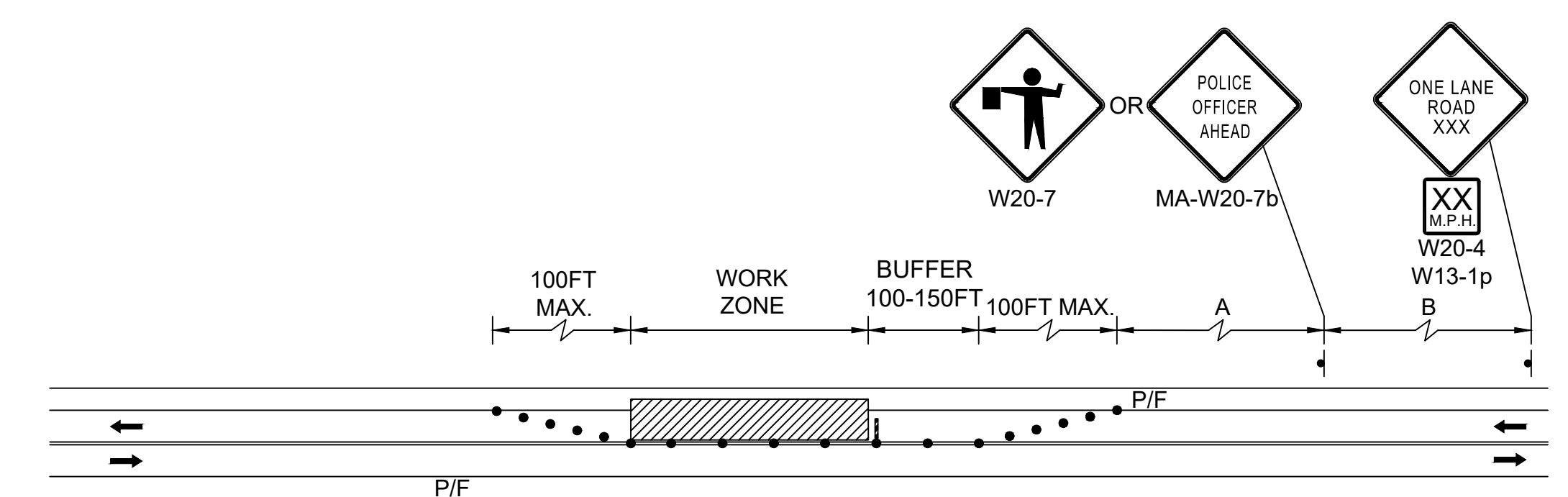
- FOR MA-D3 STREET NAME SIGNS, USE FHWA STANDARD ALPHABET LETTER SERIES B, C OR D AS SHOWN. FOR D-SERIES AND C-SERIES, UPPER CASE LETTERS SHALL BE 6 INCHES TALL; FOR B-SERIES, UPPER CASE LETTERS SHALL BE 5 INCHES TALL; FOR ALL SERIES, LOWER CASE SHALL BE 4 INCHES TALL.
- ALL WARNING, REGULATORY AND ROUTE MARKERS SHALL BE FABRICATED WITH HIGH INTENSITY ENCAPSULATED LENS REFLECTIVE SHEETING (SEE SECTION M9.30.0) TYPE III OR IV.
- ALL SIGNS NOTED AS "(R&R)" SHALL BE MOUNTED ON NEW P5 POSTS OR AS OTHERWISE INDICATED.
- ALL P5 POSTS SHALL BE TELESCOPIC BREAKAWAY RECTANGULAR TYPE POSTS.
- QUANTITIES OF SIGNS SHOWN ON THIS SHEET MAY DIFFER FROM THE PAVEMENT MARKING AND SIGNING PLANS. WHERE DIFFERENCES OCCUR, THE PAVEMENT MARKINGS AND SIGNING PLANS SHALL PREVAIL.
- WHERE "PRINTED BOTH SIDES" (PBS) OR "BACK TO BACK" IS INDICATED, ATTACH PANELS BACK TO BACK ON THE SAME POST.



TWO LANE ROAD SHOULDER CLOSED



TWO LANE ROAD SHOULDER & TRAVEL LANE CLOSED



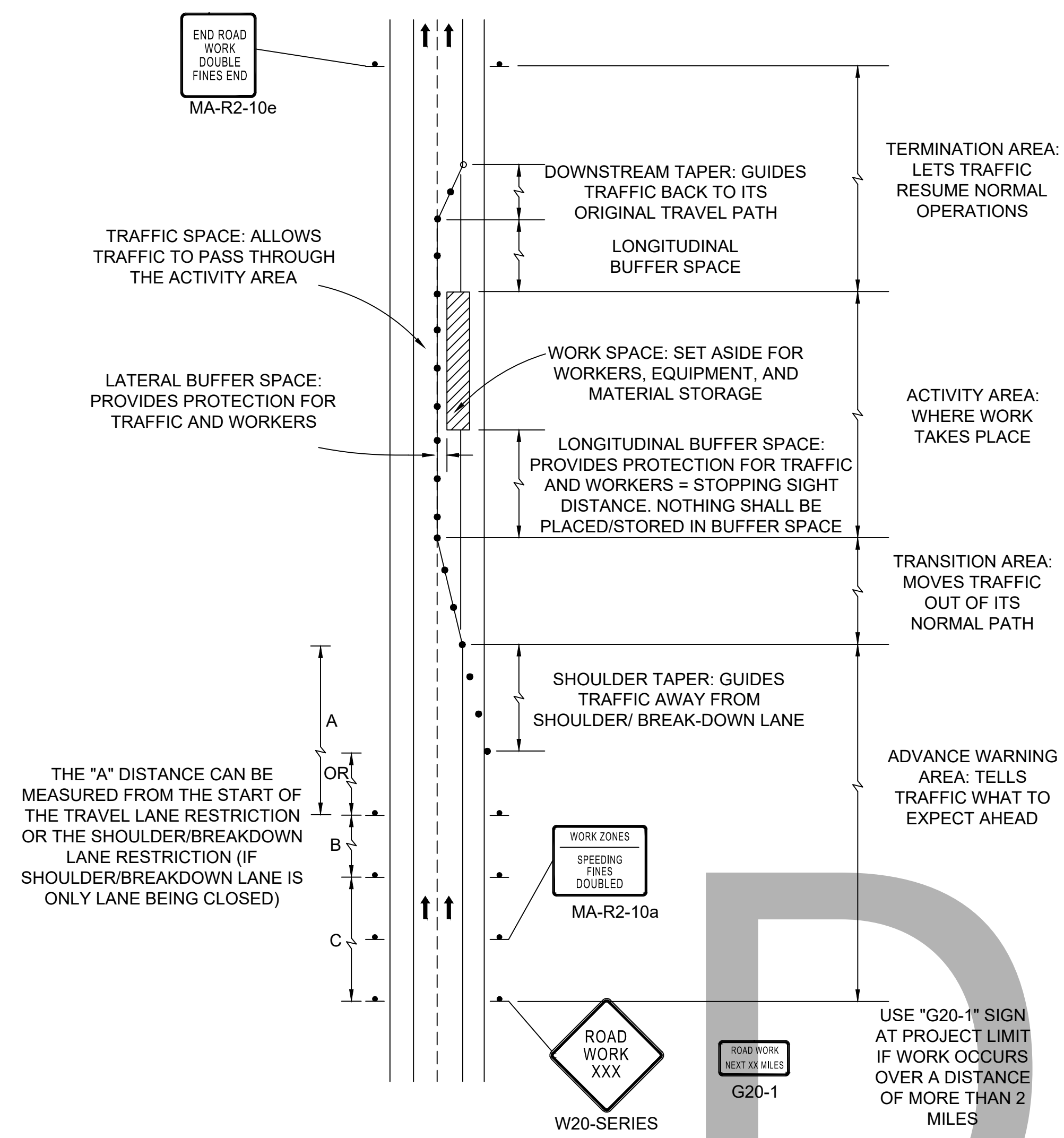
TWO LANE ROAD ONE LANE ALTERNATING TRAFFIC (POLICE DETAIL OR FLAGGER)

NOTES:

- ALL TEMPORARY TRAFFIC CONTROL WORK SHALL CONFORM TO THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) AND ALL REVISIONS, UNLESS SUPERCEDED BY THESE PLANS.
- ALL SIGN LEGENDS, BORDERS, AND MOUNTING SHALL BE IN ACCORDANCE WITH THE MUTCD.
- TEMPORARY CONSTRUCTION SIGNING AND ALL OTHER TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF ANY WORK.
- TEMPORARY CONSTRUCTION SIGNING, BARRICADES, AND ALL OTHER NECESSARY WORK ZONE TRAFFIC CONTROL DEVICES SHALL BE REMOVED FROM THE HIGHWAY OR COVERED WHEN THEY ARE NOT REQUIRED FOR CONTROL OF TRAFFIC.
- SIGNS AND SIGN SUPPORTS LOCATED ON OR NEAR THE TRAVELED WAY, CHANNELIZING DEVICES, BARRIERS, AND CRASH ATTENUATORS MUST PASS THE CRITERIA SET FORTH IN NCHRP REPORT 350, "RECOMMENDED PROCEDURES FOR THE SAFETY PERFORMANCE EVALUATION OF HIGHWAY FEATURES" AND/OR "MANUAL FOR ASSESSING SAFETY HARDWARE" (MASH).
- CONTRACTORS SHALL NOTIFY EACH ADJUTTER AT LEAST 24 HOURS IN ADVANCE OF THE START OF ANY WORK THAT WILL REQUIRE THE TEMPORARY CLOSURE OF ACCESS, SUCH AS CONDUIT INSTALLATION, EXISTING PAVEMENT EXCAVATION, TEMPORARY DRIVEWAY PAVEMENT PLACEMENT, AND SIMILAR OPERATIONS.
- THE FIRST FIVE PLASTIC DRUMS OF A TAPER SHALL BE MOUNTED WITH SEQUENTIAL FLASHING LIGHTS.
- THE ADVISORY SPEED LIMIT, IF REQUIRED, SHALL BE DETERMINED BY THE ENGINEER.
- DISTANCES ARE A GUIDE AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
- MAXIMUM SPACING OF TRAFFIC DEVICES IN A TAPER (DRUMS OR CONES) IS EQUAL IN FEET TO THE SPEED LIMIT IN MPH.
- MINIMUM LANE WIDTH IS TO BE 11 FEET UNLESS OTHERWISE SHOWN. MINIMUM LANE WIDTH TO BE MEASURED FROM THE EDGE OF DRUMS OR MEDIAN BARRIER.
- ALL SIGNS SHALL BE MOUNTED ON THEIR OWN STANDARD SIGN SUPPORTS.

LEGEND:

- REFLECTORIZED PLASTIC DRUM OR 36" CONE
- WORK ZONE
- WORK VEHICLE
- P/F POLICE/FLAGGER-DETAIL
- DIRECTION OF TRAFFIC
- TRUCK MOUNTED ATTENUATOR
- TYPE III BARRICADE
- IMPACT ATTENUATOR
- TRAFFIC OR PEDESTRIAN SIGNAL
- CHANGEABLE MESSAGE SIGN
- MEDIAN BARRIER
- SIGN
- ARROW BOARD
- MEDIAN BARRIER WITH WARNING LIGHTS



COMPONENT PARTS OF A TEMPORARY TRAFFIC CONTROL (TTC) ZONE

SUGGESTED WORK ZONE WARNING SIGN SPACING

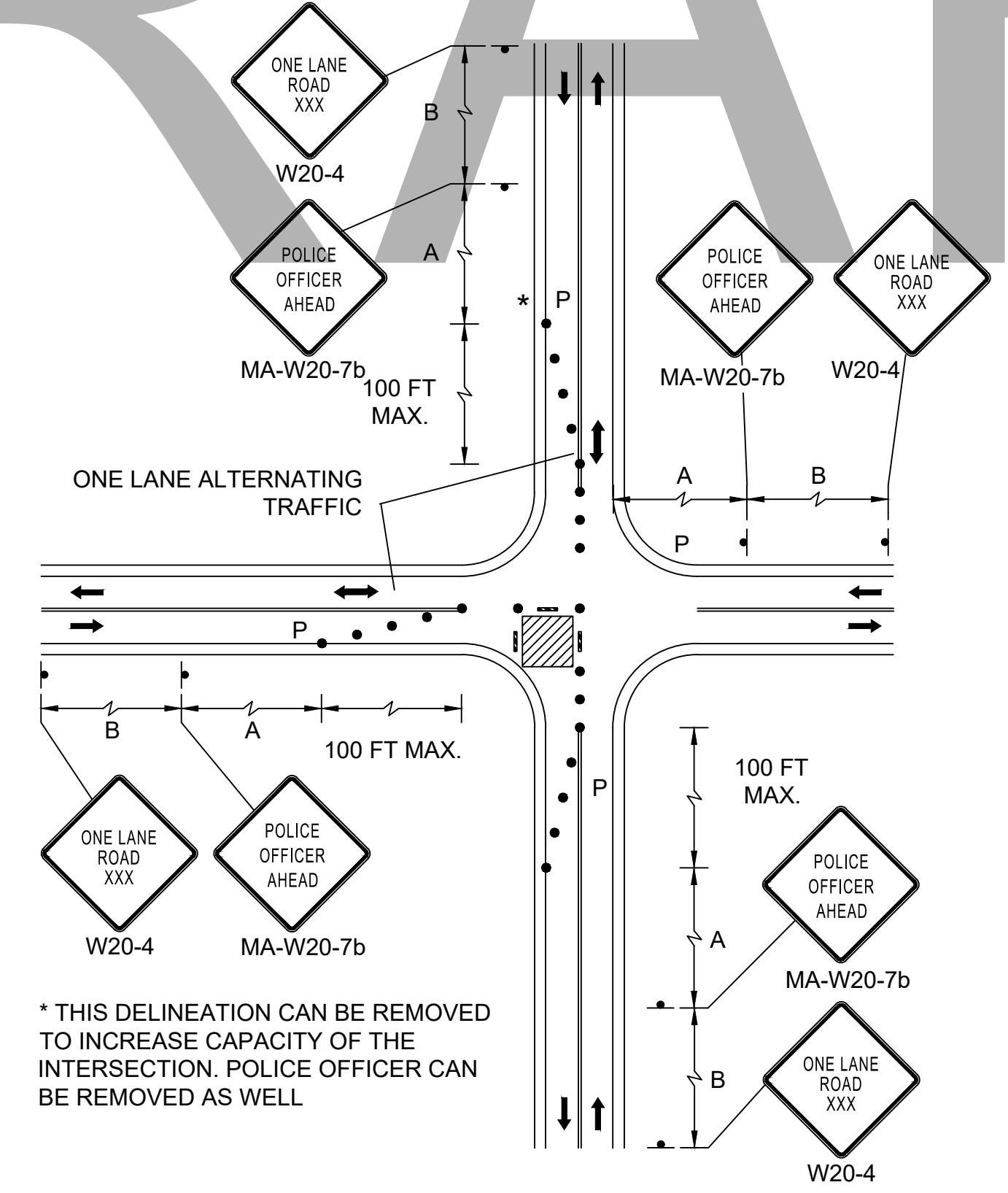
ROAD TYPE	DISTANCE BETWEEN SIGNS **		
	A	B	C
LOCAL OR LOW VOLUME ROADWAYS	350	350	350
MOST OTHER ROADWAYS	500	500	500
FREEWAYS AND EXPRESSWAYS	1,000	1,500	2,640

DISTANCES ARE SHOWN IN FEET. THE COLUMN HEADINGS A, B, AND C ARE THE DIMENSIONS SHOWN IN THE DETAIL/ TYPICAL SETUP FIGURES. THE A DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF RESTRICTION TO THE FIRST SIGN. THE B DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS. THE C DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGNS. (THE "THIRD" SIGN IS THE FIRST ONE TYPICALLY ENCOUNTERED BY A DRIVER APPROACHING A TEMPORARY TRAFFIC CONTROL (TTC) ZONE.)

THE "THIRD" SIGN ABOVE IS TYPICALLY REFERRED TO AS AN "ADVANCE WARNING" SIGN ON THE TTCPL SETUPS. THESE ADVANCE WARNING SIGNS ARE LOCATED PRIOR TO THE PROJECT LIMITS ON ALL APPROACHES (I.E. THE W20-1 SERIES (ROAD WORK XX FT) SIGNS), AND USUALLY REMAIN FOR THE DURATION OF THE PROJECT. ADDITIONAL SIGNS (I.E. "RIGHT LANE CLOSED 1 MILE" AND "LEFT LANE CLOSED 1 MILE") HAVE BEEN SHOWN IN SOME FIGURES AS EXAMPLES OF REINFORCEMENT SIGN PLACEMENT BUT ARE USED IN RARE OCCASIONS.

THE FIRST AND SECOND WARNING SIGNS ABOVE ARE REFERRED TO AS THE OPERATIONAL (DAY-TO-DAY) WORK ZONE SIGNS AND MAY BE MOVED DEPENDING ON WHERE THE SPECIFIC ROADWAY WORK FOR THAT DAY IS LOCATED.

MA-R2-10a SIGNS SHALL BE PLACED BETWEEN THE SECOND AND THIRD SIGNS AS DESCRIBED ABOVE.
 MA-R2-10a, MA-R2-10e, AND W20-1 SERIES SIGNS ARE TO BE INCLUDED ON ALL DETAILS/TYPICAL SETUPS.



SINGLE LANE APPROACH ONE QUADRANT CLOSURE (POLICE DETAIL AT INTERSECTION)

* THIS DELINEATION CAN BE REMOVED TO INCREASE CAPACITY OF THE INTERSECTION. POLICE OFFICER CAN BE REMOVED AS WELL.

TEMPORARY TRAFFIC CONTROL SIGN SUMMARY

CHESTERFIELD
NORTH ROAD & DAMON POND ROAD

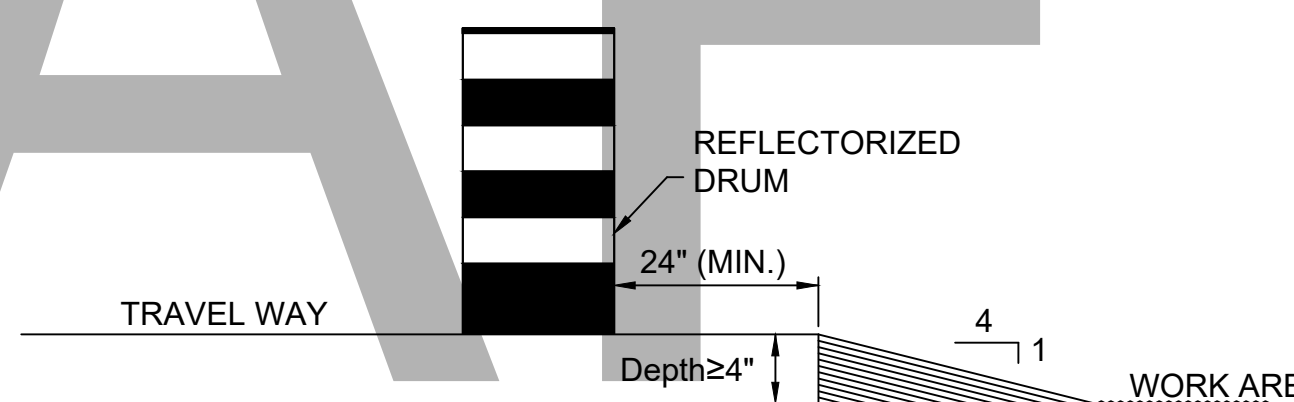
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	130	999
PROJECT FILE NO.		608886	

TEMPORARY TRAFFIC CONTROL DETAILS
SHEET 2 OF 2

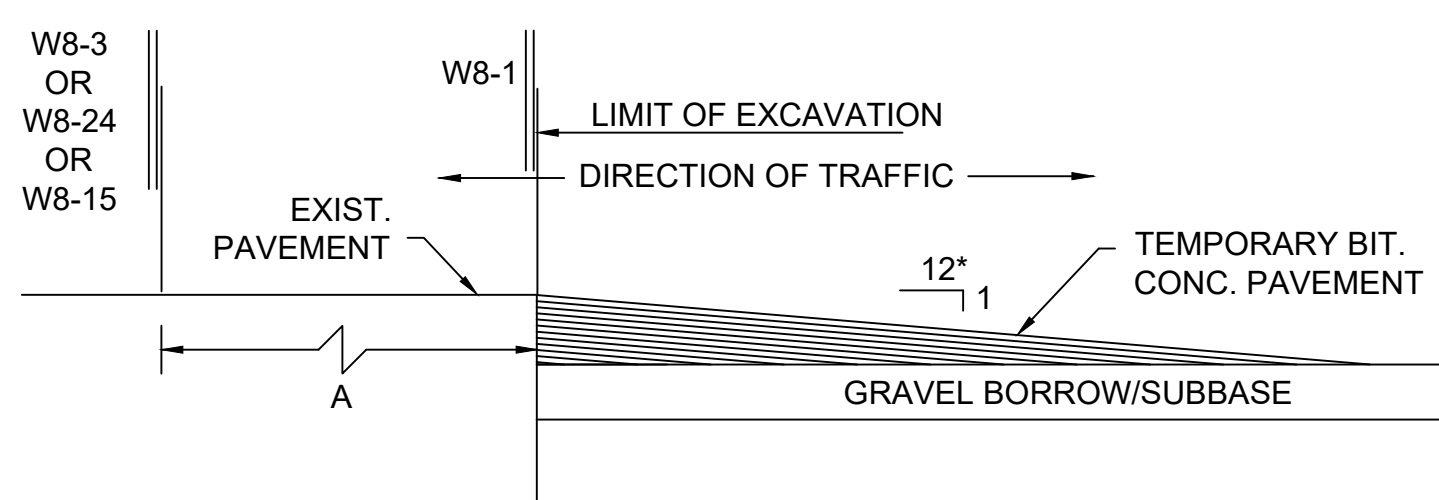
IDENTIFICATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSION (in)			NUMBER OF SIGNS REQ'D	COLOR			UNIT AREA (sq. ft)	TOTAL AREA (sq. ft)
	WIDTH (IN)	HEIGHT (IN)		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE MKR		BACK-GROUND	LEGEND	BORDER		
W1-4R	36	36		MUTCD STD	MUTCD STD	MUTCD STD	2	FLUO-RESCENT ORANGE	BLACK	BLACK	9.00	18.00
W1-4L	36	36					2	FLUO-RESCENT ORANGE	BLACK	BLACK	9.00	18.00
W5-1	36	36					2	FLUO-RESCENT ORANGE	BLACK	BLACK	9.00	18.00
W8-1	36	36					5	FLUO-RESCENT ORANGE	BLACK	BLACK	9.00	45.00
W8-3	36	36					5	FLUO-RESCENT ORANGE	BLACK	BLACK	9.00	45.00
W8-8	36	36					5	FLUO-RESCENT ORANGE	BLACK	BLACK	9.00	45.00
W20-1a	36	36					3	FLUO-RESCENT ORANGE	BLACK	BLACK	9.00	27.00
W20-1b	36	36					3 WITH "500"	FLUO-RESCENT ORANGE	BLACK	BLACK	9.00	27.00
W20-1c	36	36					5 WITH "1000"	FLUO-RESCENT ORANGE	BLACK	BLACK	9.00	45.00
W21-5bR	36	36					2	FLUO-RESCENT ORANGE	BLACK	BLACK	9.00	18.00

IDENTIFICATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSION (in)			NUMBER OF SIGNS REQ'D	COLOR			UNIT AREA (sq. ft)	TOTAL AREA (sq. ft)
	WIDTH (IN)	HEIGHT (IN)		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE MKR		BACK-GROUND	LEGEND	BORDER		
W20-4 OR W20-7	36	36		MUTCD STD	MUTCD STD	MUTCD STD	5	FLUO-RESCENT ORANGE	BLACK	BLACK	9.00	45.00
	36	36						FLUO-RESCENT ORANGE	BLACK	BLACK	9.00	45.00
MA-W20-7b	36	36		MASS DOT STD	MASS DOT STD	MASS DOT STD	5	FLUO-RESCENT ORANGE	BLACK	BLACK	9.00	45.00
W21-5aR	36	36		MUTCD STD	MUTCD STD	MUTCD STD	2	FLUO-RESCENT ORANGE	BLACK	BLACK	9.00	18.00
MA-R2-10a	48	36		MASS DOT STD	MASS DOT STD	MASS DOT STD	6	FLUO-RESCENT ORANGE & WHITE	BLACK	BLACK	12.00	72.00
MA-R2-10e	36	48		MASS DOT STD	MASS DOT STD	MASS DOT STD	6	FLUO-RESCENT ORANGE & WHITE	BLACK	BLACK	12.00	72.00

TOTAL AREA = 603.00 SQ. FT.



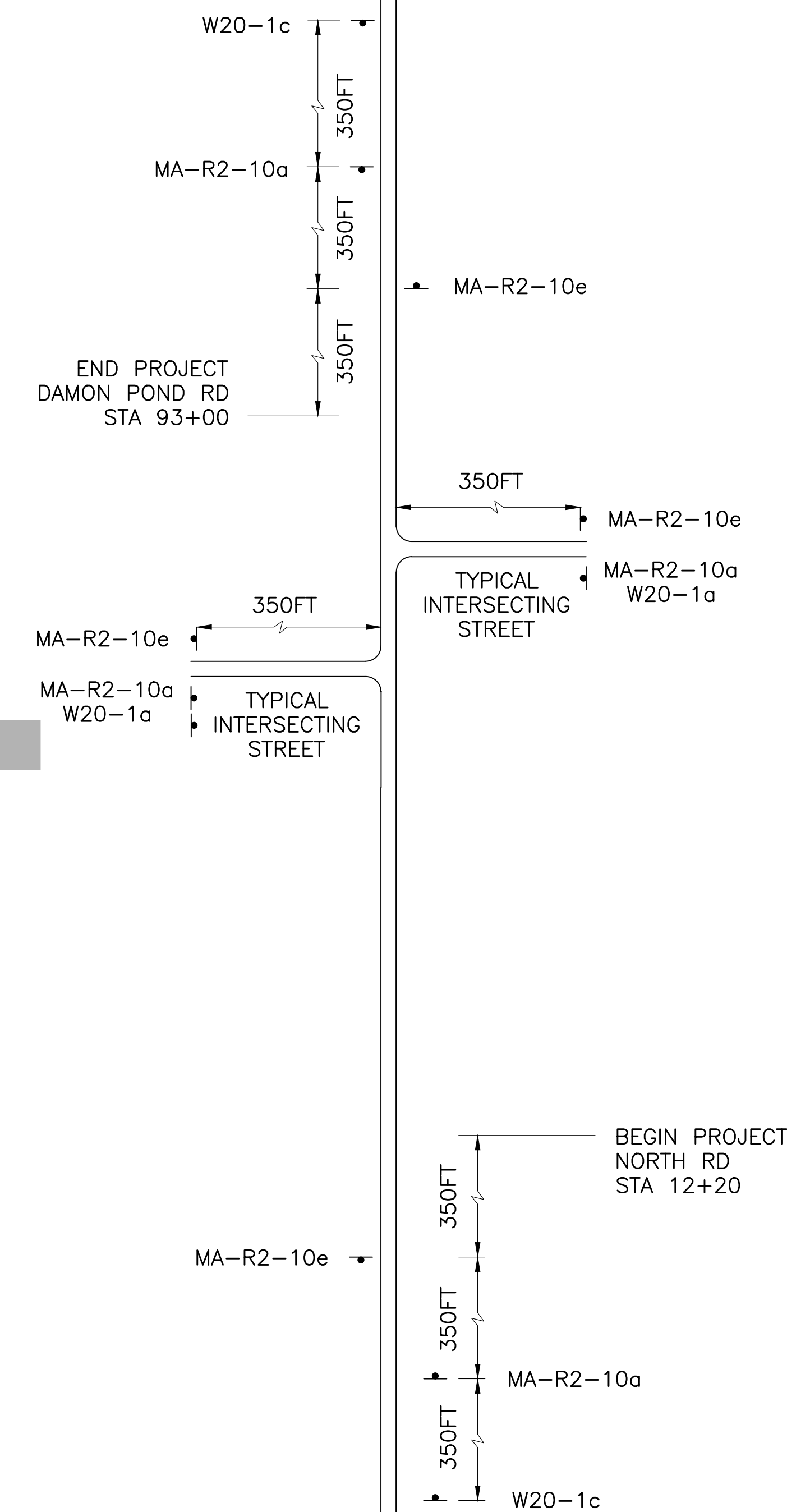
LATERAL DROP-OFF DETAIL
NOT TO SCALE



LONGITUDINAL DROP-OFF DETAIL
NOT TO SCALE

* - INCREASE SLOPE RATIO FOR HIGHER SPEEDS

LATERAL AND LONGITUDINAL DROP-OFF DETAILS
SCALE: NONE



PERMANENT PROJECT
CONSTRUCTION SIGNING
NOT TO SCALE

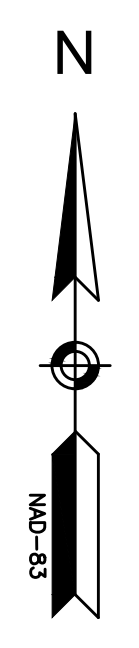
NOTES:

- ALL WARNING, REGULATORY AND ROUTE MARKERS SHALL BE FABRICATED WITH HIGH INTENSITY ENCAPSULATED LENS REFLECTIVE SHEETING (SEE SECTION M9.30.0) TYPE III OR IV.
- ALL SIGNS NOTED AS "(R&R)" SHALL BE MOUNTED ON NEW POSTS OR AS OTHERWISE INDICATED.
- QUANTITIES OF SIGNS SHOWN ON THIS SHEET MAY DIFFER FROM THE PAVEMENT MARKING AND SIGNING PLANS. WHERE DIFFERENCES OCCUR, THE PAVEMENT MARKINGS AND SIGNING PLANS SHALL PREVAIL.

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	111	999
PROJECT FILE NO.		608886	

**TEMPORARY TRAFFIC CONTROL PLANS
DETOUR & SIGN SUMMARY**



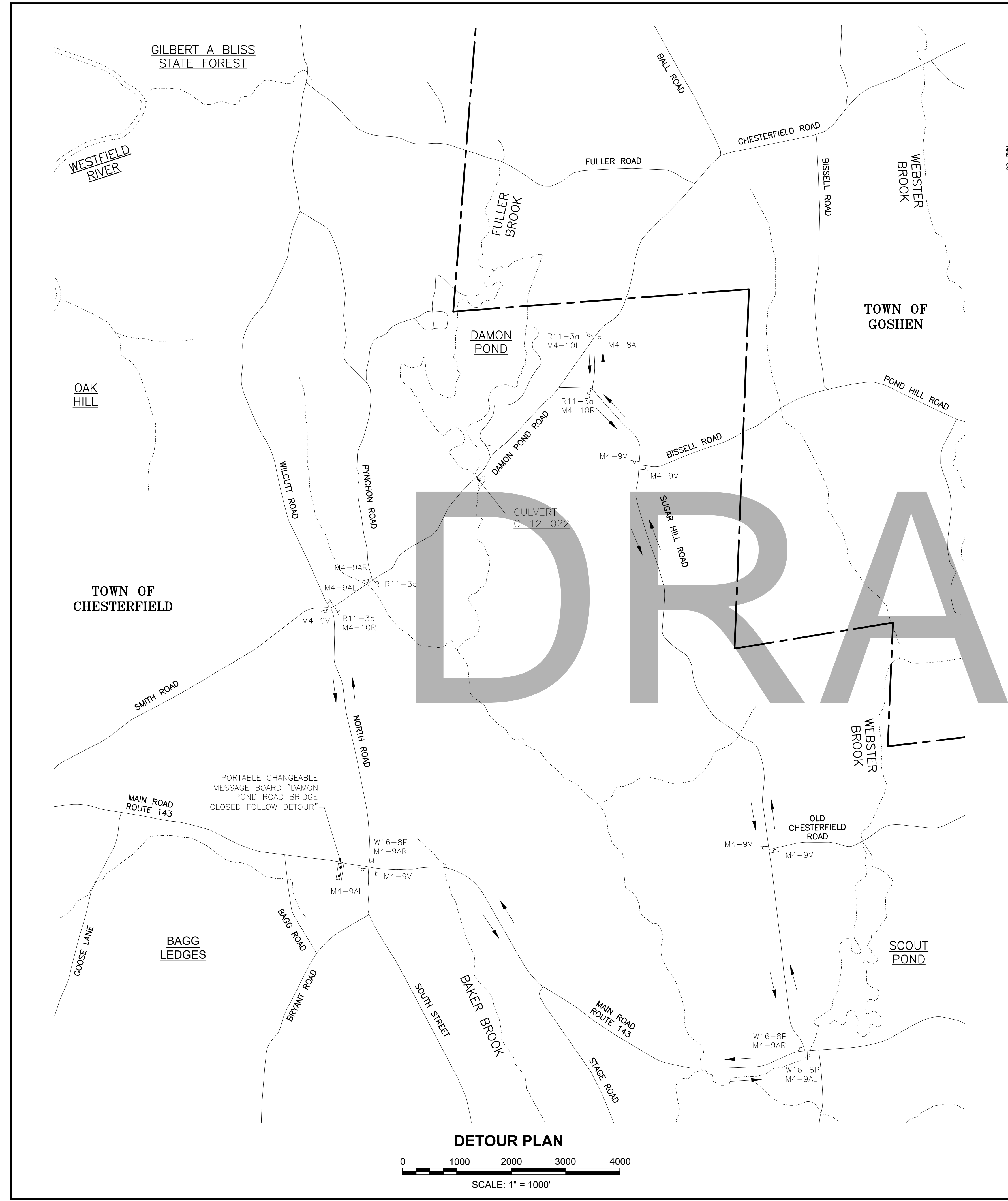
**TEMPORARY TRAFFIC CONTROL
DETOUR SIGN SUMMARY**

IDENTIFICATION NUMBER	SIZE OF SIGN (INCHES)		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR			POST SIZE AND NUMBER REQUIRED	UNIT AREA IN SQUARE FEET	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACKGROUND	LEGEND	BORDER			
M4-9L	30	24	DETOUR ←	SEE MUTCD			3	FLUORESCENT ORANGE	BLACK	BLACK	2 INCH 1 EA	5	15.00
M4-9V	30	24	DETOUR ↑				6	FLUORESCENT ORANGE	BLACK	BLACK	2 INCH 1 EA	5	30.00
M4-9R	30	24	DETOUR →				3	FLUORESCENT ORANGE	BLACK	BLACK	2 INCH 1 EA	5	15.00
M4-8a	24	18	END DETOUR				1	FLUORESCENT ORANGE	BLACK	BLACK	2 INCH 1 EA	3	3.00
M4-10R	48	18	DETOUR →				2	FLUORESCENT ORANGE	BLACK	BLACK	2 INCH 1 EA	6	12.00
R11-3a	60	30	ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY				4	WHITE	BLACK	BLACK	2 INCH 2 EA	12.5	50.00
W16-8P	30	12	DAMON POND RD				3	YELLOW	BLACK	BLACK	MOUNT W/ M4-9AL AND M4-9AR	2.50	7.50
M4-10L	48	18	DETOUR ←				1	FLUORESCENT ORANGE	BLACK	BLACK	2 INCH 1 EA	6	6.00

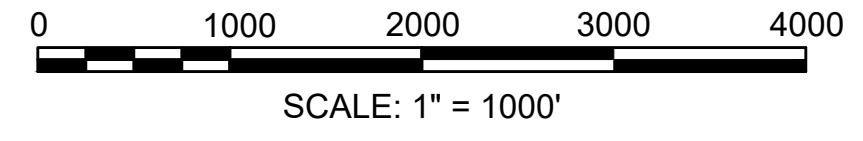
TOTAL AREA OF SIGNS = 138.50 S.F.

NOTES:

1. ALL WARNING, REGULATORY AND ROUTE MARKERS SHALL BE FABRICATED WITH HIGH INTENSITY ENCAPSULATED LENS REFLECTIVE SHEETING (SEE SECTION M9.30.0) TYPE III OR IV.
2. ALL SIGNS NOTED AS "(R&R)" SHALL BE MOUNTED ON NEW POSTS OR AS OTHERWISE INDICATED.
3. QUANTITIES OF SIGNS SHOWN ON THIS SHEET MAY DIFFER FROM THE PAVEMENT MARKING AND SIGNING PLANS. WHERE DIFFERENCES OCCUR, THE PAVEMENT MARKINGS AND SIGNING PLANS SHALL PREVAIL.



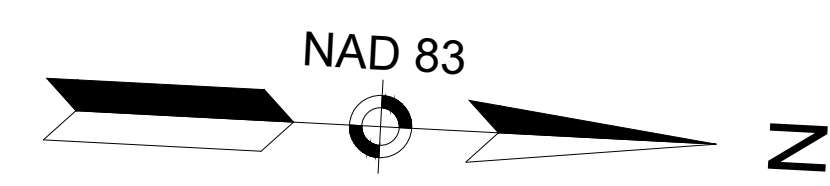
DETOUR PLAN



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	133	282
PROJECT FILE NO.		608886	

**UTILITY PLANS
SHEET 01 OF 24**



PROJECT BEGIN
STA 102+20
N2970701.8543
E293972.1803

409 MAIN ROAD
ERIN M. MCENANEY &
NICOLAS A. FRISCHER
BK. 9454 PG. 346
218+42.10 1962 STATE HIGHWAY BASELINE=
101+58.76 NORTH ROAD CONST BL

412 MAIN ROAD
N/F
FRANCIS L. JR. &
DENISE MYERS LEDUC
BK. 3248 PG. 270

3 NORTH ROAD
THE INHABITANTS OF
THE TOWN OF CHESTERFIELD
BK. 1089 PG. 434
"THE EDWARDS MEMORIAL MUSEUM"

5 NORTH ROAD
THE INHABITANTS
OF THE TOWN OF
CHESTERFIELD
BK. 1342 PG. 129

9 NORTH ROAD
THE FIRST CONGREGATIONAL
CHURCH OF CHESTERFIELD
BK. 1481 PG. 532

SOUTH STREET
(PUBLIC - VARIABLE WIDTH)

403 MAIN ROAD
N/F
TOWN OF CHESTERFIELD
BK. N/A PG. N/A

401 MAIN ROAD
N/F
THE INHABITANTS OF THE
TOWN OF CHESTERFIELD
BK. 1829 PG. 12

NOVEMBER 25, 1964 TOWN LAYOUT
(FORMERLY JANUARY 9, 1962 SHLO #5446)

MAIN ROAD (ROUTE 143)
(PUBLIC - 80' WIDE)

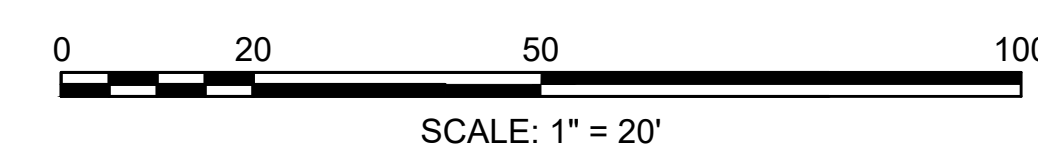
NOVEMBER 25, 1964 TOWN LAYOUT
(FORMERLY JANUARY 9, 1962 SHLO #5446)

404 MAIN ROAD
THE FIRST CONGREGATIONAL
CHURCH OF CHESTERFIELD
BK. 3558 PG. 190
PLAN BK. 166 PG. 126

6 NORTH ROAD
JANET B. RUSSELL &
MICHAEL P. RUSSELL
BK. 11903 PG. 52

GENERAL NOTES:

- UNLESS OTHERWISE SPECIFIED, CATCH BASINS SHALL BE PROVIDED WITH DEEP SUMPS (4 FT MIN).
- DRAINAGE ELEVATIONS ARE PROVIDED FOR DESIGN PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY BY TEST PIT, THE LOCATIONS OF EXISTING UTILITIES WHICH MAY CONFLICT WITH THE PROPOSED DRAINAGE DESIGN. ANY FIELD ADJUSTMENTS REQUIRED WILL BE MADE AS APPROVED OR DIRECTED BY THE ENGINEER. ONLY AFTER THE CONTRACTOR VERIFIES ELEVATIONS FOR THE CONSTRUCTABILITY OF THE DRAINAGE SYSTEM SHALL ANY STRUCTURES BE ORDERED. ANY FIELD ADJUSTMENTS TO LINE & GRADE UP TO A DEPTH OF 5 FT SHALL BE INCLUDED IN THE COST OF THE PIPE. PIPE EXCAVATION GREATER THAN 5 FT WILL BE PAID UNDER CLASS B TRENCH EXCAVATION.
- MANHOLE STEPS SHALL BE INSTALLED IN ALL PROPOSED MANHOLES.
- IN INSTANCES WHERE AN EXISTING OR PROPOSED FRAME AND COVER ARE LOCATED IN AN ADA ACCESSIBLE SURFACE, THE FRAME SHALL BE CAREFULLY ADJUSTED SUCH THAT THE COVER IS FLUSH WITH THE CURB RAMP SURFACE.
- HDPE PIPE SHALL CONFORM TO AASHTO M 294, TYPE S.
- PROPOSED HEADWALLS SHALL BE BUILT IN ACCORDANCE WITH E 206.4.0 CONCRETE AND FIELD STONE MASONRY PIPE ENDS FOR 8" TO 30" PIPE.



CONTINUED ON
SHEET NO. BBB

608886_HQUILITY PLANS.DWG Plotted on 21-Feb-2024 6:12 PM

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	134	282
PROJECT FILE NO.		608886	

**UTILITY PLANS
SHEET 02 OF 24**

NORTH ROAD
THE INHABITANTS OF CHESTERFIELD
BK. 1341 PG. 79

DRAINAGE STRUCTURE TABLE - NORTH RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-N10	109+79.31	21.44 L	1406.65		I=1404.50' (I)	

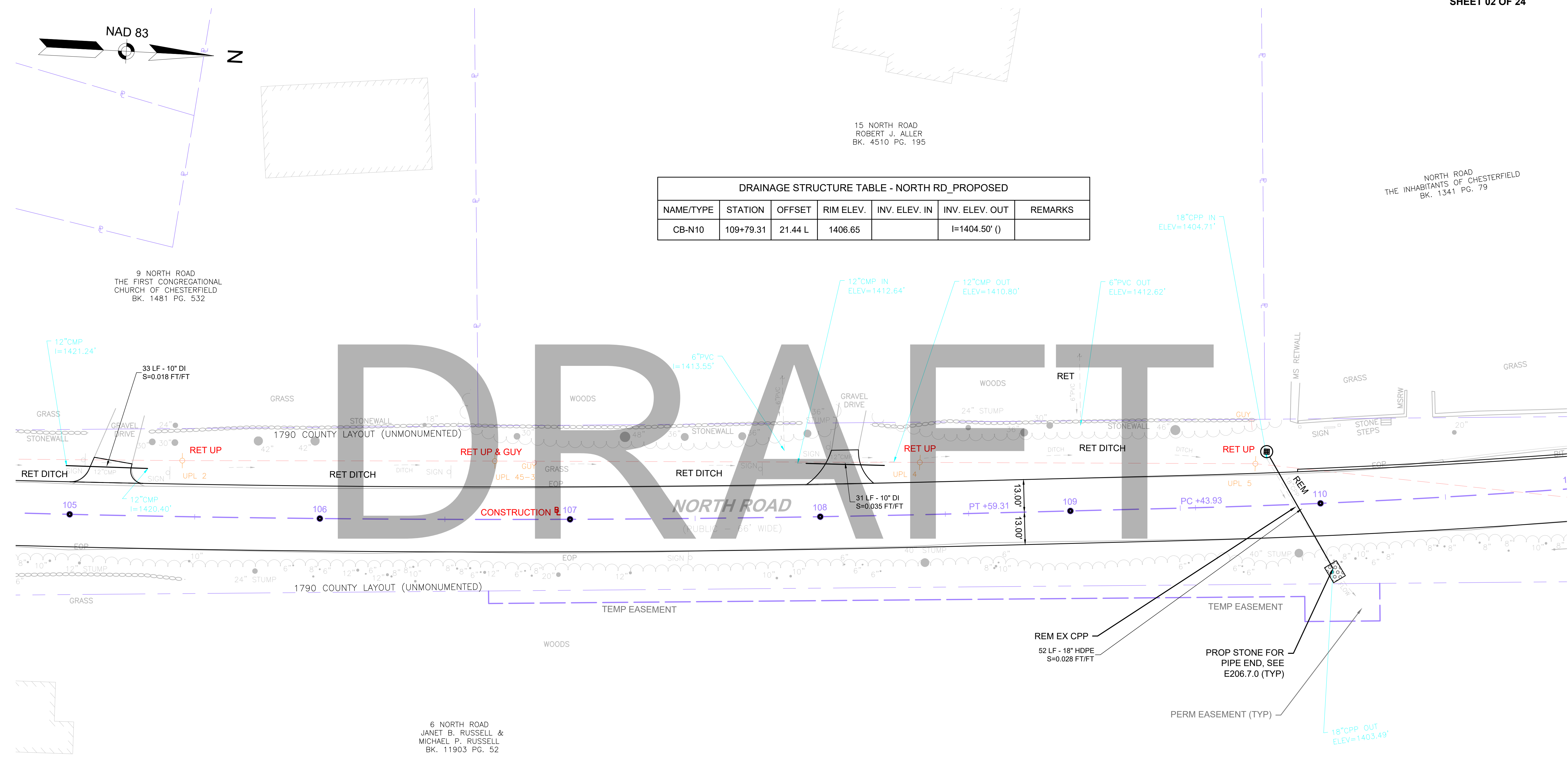
15 NORTH ROAD
ROBERT J. ALLER
BK. 4510 PG. 195

9 NORTH ROAD
THE FIRST CONGREGATIONAL
CHURCH OF CHESTERFIELD
BK. 1481 PG. 532

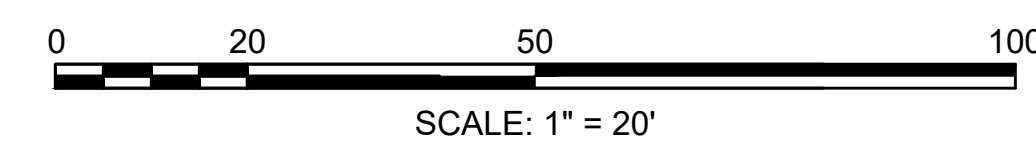
6 NORTH ROAD
JANET B. RUSSELL &
MICHAEL P. RUSSELL
BK. 11903 PG. 52

CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB



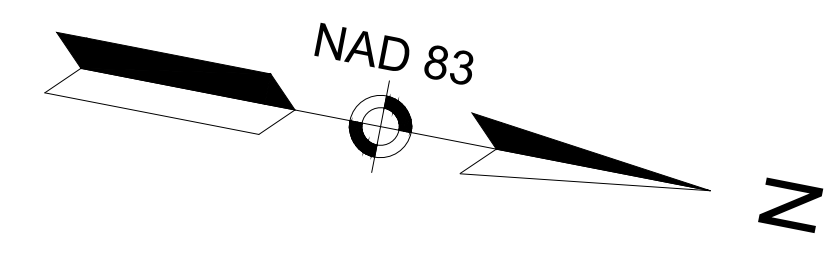
- GENERAL NOTES:**
- UNLESS OTHERWISE SPECIFIED, CATCH BASINS SHALL BE PROVIDED WITH DEEP SLUMPS (4 FT MIN).
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 - HDPE PIPE SHALL CONFORM TO AASHTO M 294, TYPE S.
 - PROPOSED HEADWALLS SHALL BE BUILT IN ACCORDANCE WITH E 206.4.0 CONCRETE AND FIELD STONE MASONRY PIPE ENDS FOR 8" TO 30" PIPE.



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	135	282
PROJECT FILE NO.		608886	

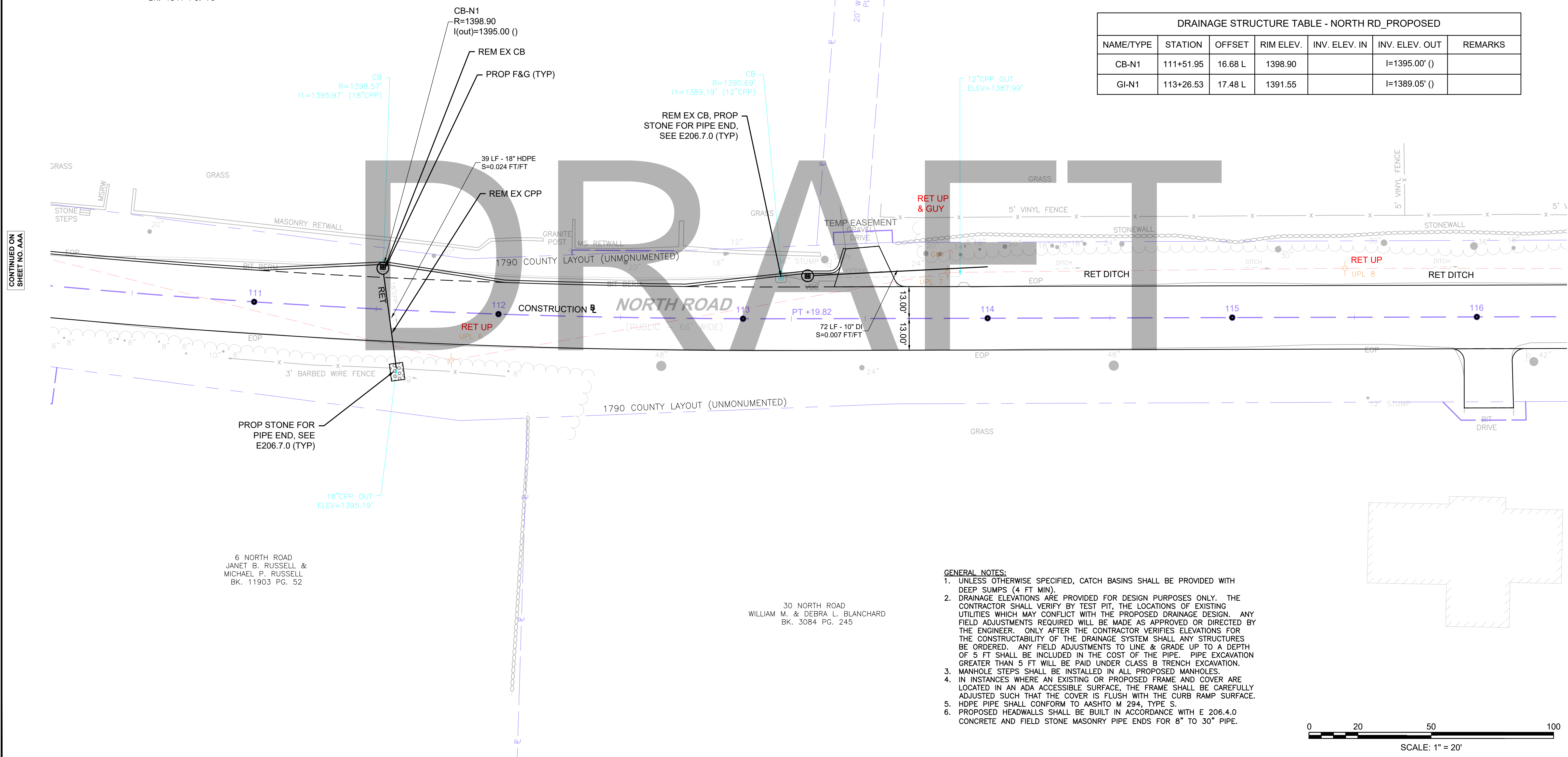
**UTILITY PLANS
SHEET 03 OF 24**



NORTH ROAD
THE INHABITANTS OF CHESTERFIELD
BK. 1341 PG. 79

31 NORTH ROAD
ROGER A. FULLER
BK. 4645 PG. 30
PLAN BOOK 68 PAGE 35

NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-N1	111+51.95	16.68 L	1398.90		I=1395.00' ()	
GI-N1	113+26.53	17.48 L	1391.55		I=1389.05' ()	



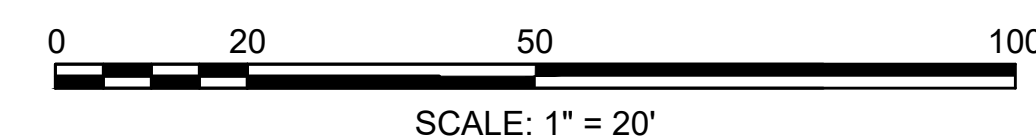
CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB

6 NORTH ROAD
JANET B. RUSSELL &
MICHAEL P. RUSSELL
BK. 11903 PG. 52

30 NORTH ROAD
WILLIAM M. & DEBRA L. BLANCHARD
BK. 3084 PG. 245

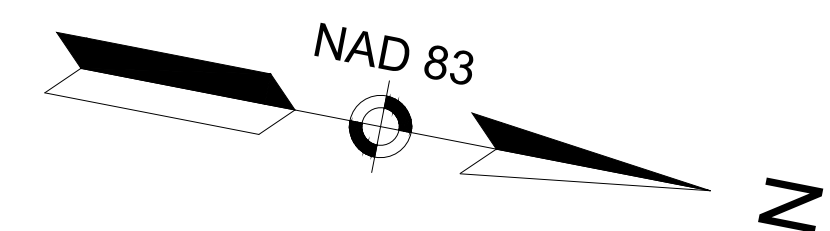
- GENERAL NOTES:**
- UNLESS OTHERWISE SPECIFIED, CATCH BASINS SHALL BE PROVIDED WITH DEEP SUMPS (4 FT MIN).
 - DRAINAGE ELEVATIONS ARE PROVIDED FOR DESIGN PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY BY TEST PIT, THE LOCATIONS OF EXISTING UTILITIES WHICH MAY CONFLICT WITH THE PROPOSED DRAINAGE DESIGN. ANY FIELD ADJUSTMENTS REQUIRED WILL BE MADE AS APPROVED OR DIRECTED BY THE ENGINEER. ONLY AFTER THE CONTRACTOR VERIFIES ELEVATIONS FOR THE CONSTRUCTABILITY OF THE DRAINAGE SYSTEM SHALL ANY STRUCTURES BE ORDERED. ANY FIELD ADJUSTMENTS TO LINE & GRADE UP TO A DEPTH OF 5 FT SHALL BE INCLUDED IN THE COST OF THE PIPE. PIPE EXCAVATION GREATER THAN 5 FT WILL BE PAID UNDER CLASS B TRENCH EXCAVATION.
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 - HDPE PIPE SHALL CONFORM TO AASHTO M 294, TYPE S.
 - PROPOSED HEADWALLS SHALL BE BUILT IN ACCORDANCE WITH E 206.4.0 CONCRETE AND FIELD STONE MASONRY PIPE ENDS FOR 8" TO 30" PIPE.



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	136	282
PROJECT FILE NO.		608886	

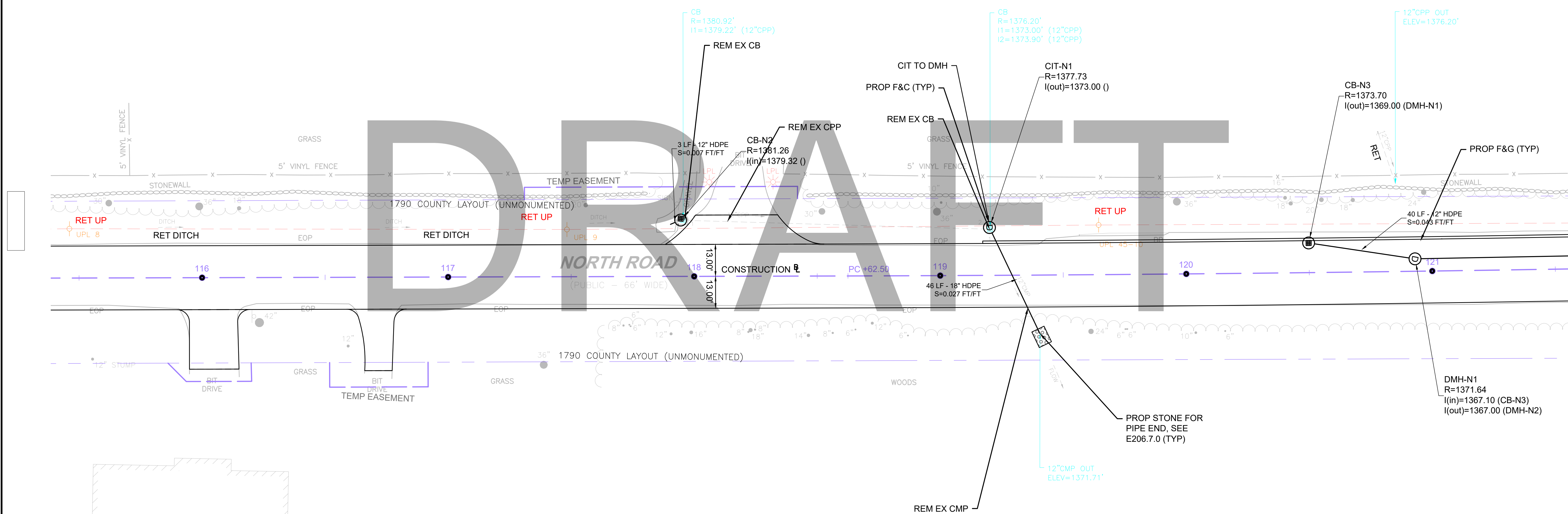
**UTILITY PLANS
SHEET 04 OF 24**



DRAINAGE STRUCTURE TABLE - NORTH RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-N2	117+94.68	22.85 L	1381.26	I=1379.32' ()		
CIT-N1	119+20.18	19.40 L	1377.73		I=1373.00' ()	
CB-N3	120+49.91	12.00 L	1373.70		I=1369.00' (DMH-N1)	
DMH-N1	120+93.07	5.00 L	1371.64	I=1367.10' (CB-N3)	I=1367.00' (DMH-N2)	

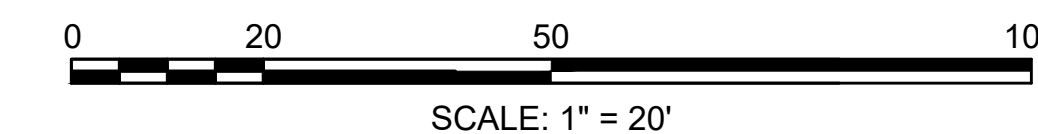
31 NORTH ROAD
ROGER A. FULLER
BK. 4645 PG. 30
PLAN BOOK 68 PAGE 35

30 NORTH ROAD
WILLIAM M. & DEBRA L. BLANCHARD
BK. 3084 PG. 245



GENERAL NOTES:

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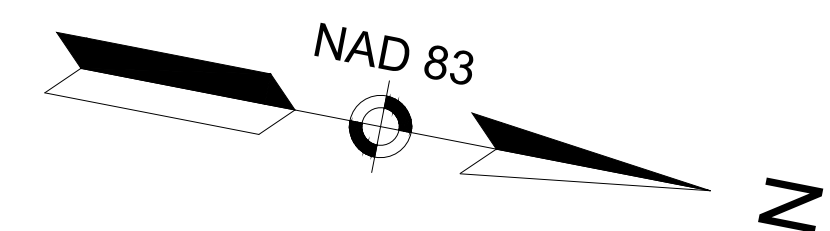


**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	137	282
PROJECT FILE NO.		608886	

**UTILITY PLANS
SHEET 05 OF 24**

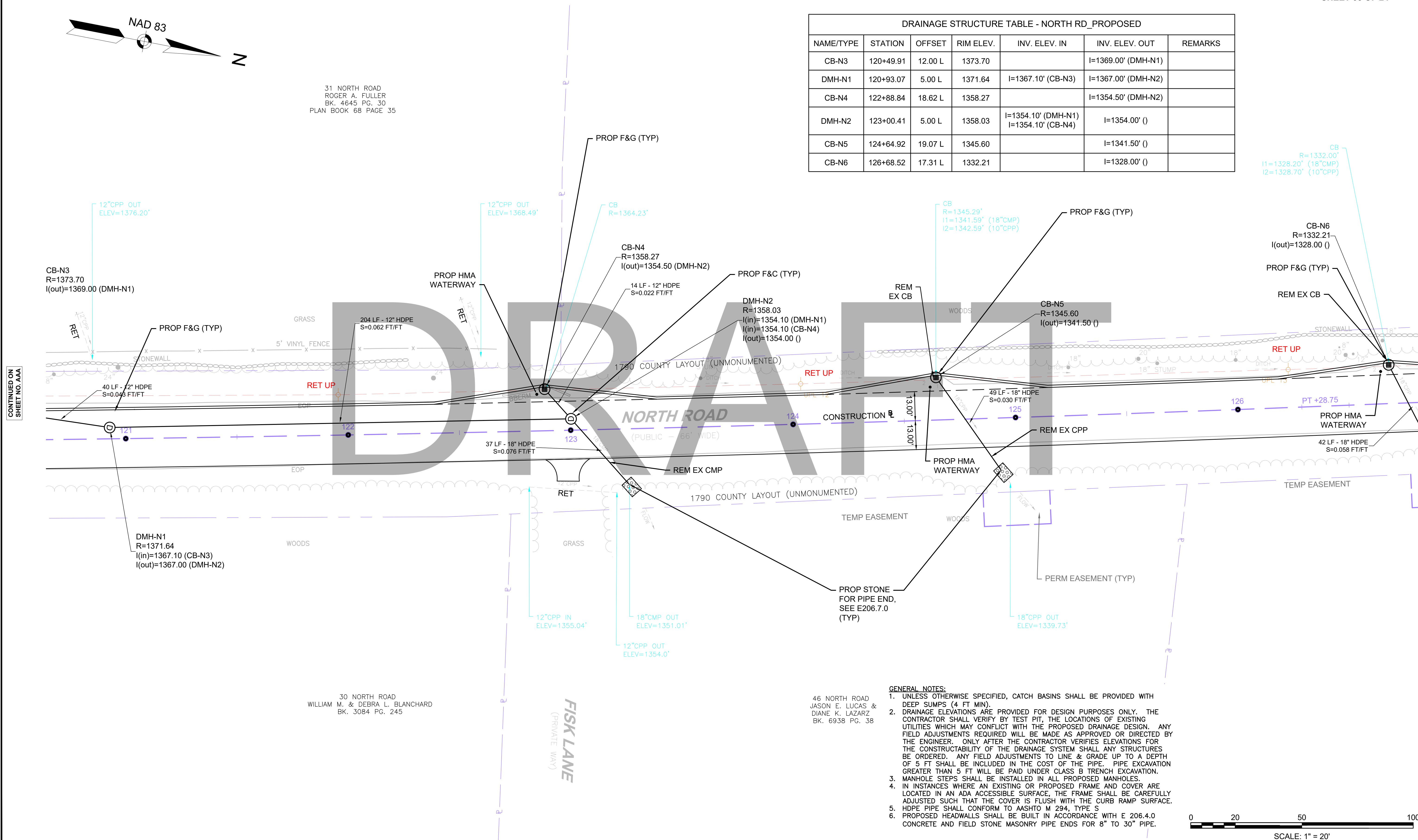
DRAINAGE STRUCTURE TABLE - NORTH RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-N3	120+49.91	12.00 L	1373.70		I=1369.00' (DMH-N1)	
DMH-N1	120+93.07	5.00 L	1371.64	I=1367.10' (CB-N3)	I=1367.00' (DMH-N2)	
CB-N4	122+88.84	18.62 L	1358.27		I=1354.50' (DMH-N2)	
DMH-N2	123+00.41	5.00 L	1358.03	I=1354.10' (DMH-N1) I=1354.10' (CB-N4)	I=1354.00' ()	
CB-N5	124+64.92	19.07 L	1345.60		I=1341.50' ()	
CB-N6	126+68.52	17.31 L	1332.21		I=1328.00' ()	



31 NORTH ROAD
ROGER A. FULLER
BK. 4645 PG. 30
PLAN BOOK 68 PAGE 35

30 NORTH ROAD
WILLIAM M. & DEBRA L. BLANCHARD
BK. 3084 PG. 245

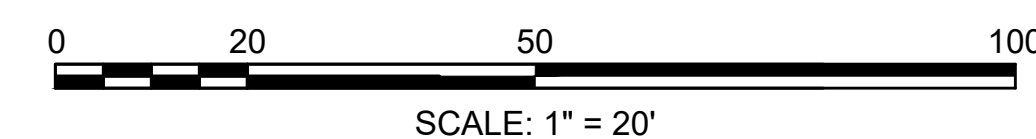
46 NORTH ROAD
JASON E. LUCAS &
DIANE K. LAZARZ
BK. 6938 PG. 38



CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB

- GENERAL NOTES:**
- UNLESS OTHERWISE SPECIFIED, CATCH BASINS SHALL BE PROVIDED WITH DEEP SUMPS (4 FT MIN).
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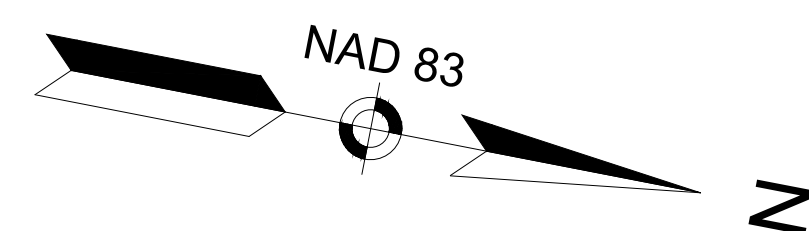


**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

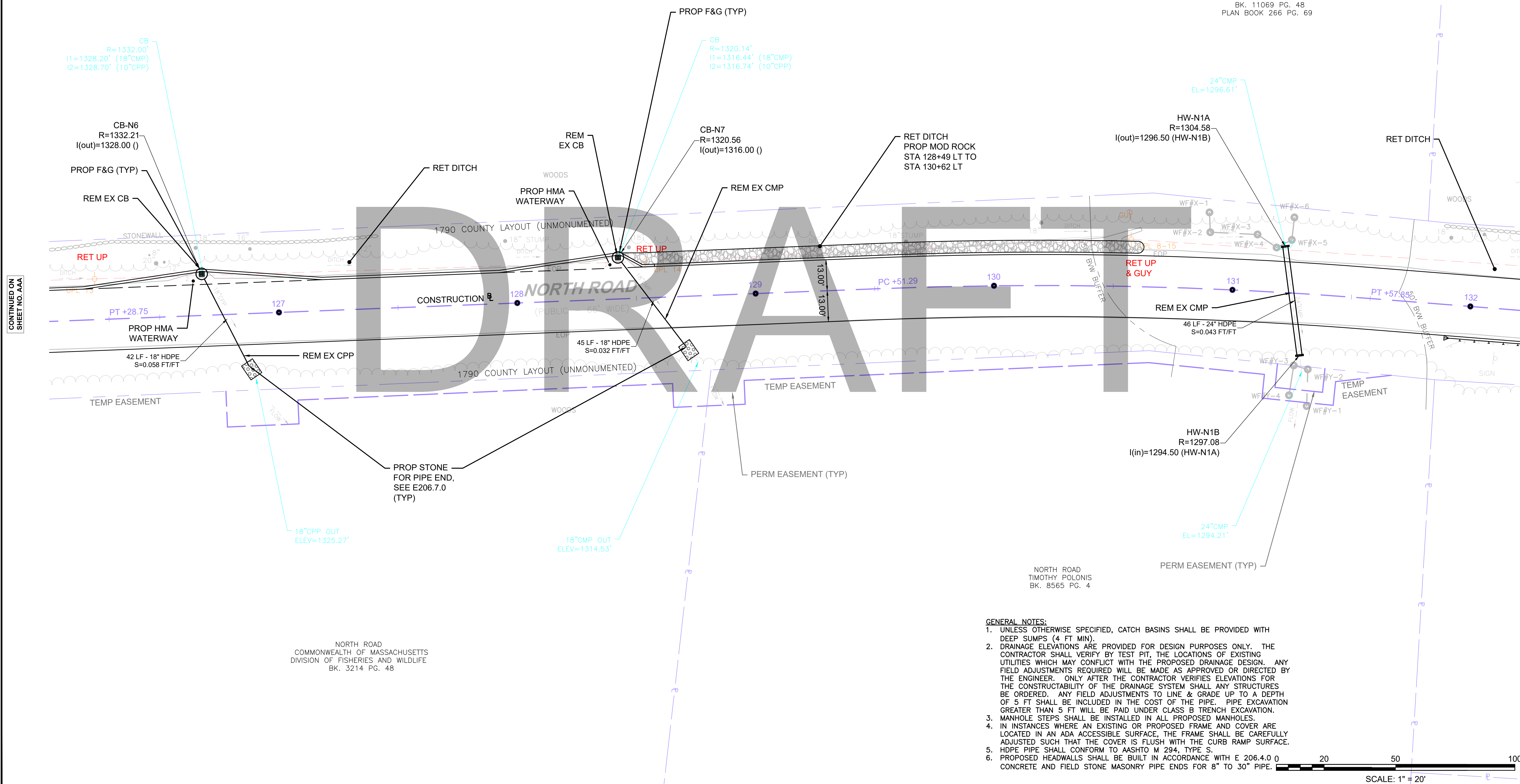
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	138	282
PROJECT FILE NO.		608886	

**UTILITY PLANS
SHEET 06 OF 24**

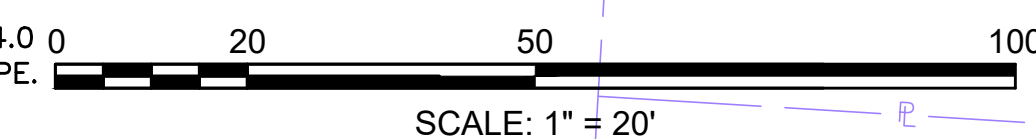
DRAINAGE STRUCTURE TABLE - NORTH RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-N6	126+68.52	17.31 L	1332.21		I=1328.00' (I)	
CB-N7	128+43.10	17.30 L	1320.56		I=1316.00' (I)	
HW-N1A	131+21.14	19.24 L	1304.58		I=1296.50' (HW-N1B)	
HW-N1B	131+29.86	26.01 R	1297.08	I=1294.50' (HW-N1A)		



NORTH ROAD
ROGER A. FULLER
BK. 11069 PG. 48
PLAN BOOK 266 PG. 69



- GENERAL NOTES:**
- UNLESS OTHERWISE SPECIFIED, CATCH BASINS SHALL BE PROVIDED WITH DEEP SUMPS (4 FT MIN).
 - DRAINAGE ELEVATIONS ARE PROVIDED FOR DESIGN PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY BY TEST PIT, THE LOCATIONS OF EXISTING UTILITIES WHICH MAY CONFLICT WITH THE PROPOSED DRAINAGE DESIGN. ANY FIELD ADJUSTMENTS REQUIRED WILL BE MADE AS APPROVED OR DIRECTED BY THE ENGINEER. ONLY AFTER THE CONTRACTOR VERIFIES ELEVATIONS FOR THE CONSTRUCTABILITY OF THE DRAINAGE SYSTEM SHALL ANY STRUCTURES BE ORDERED. ANY FIELD ADJUSTMENTS TO LINE & GRADE UP TO A DEPTH OF 5 FT SHALL BE INCLUDED IN THE COST OF THE PIPE. PIPE EXCAVATION GREATER THAN 5 FT WILL BE PAID UNDER CLASS B TRENCH EXCAVATION.
 - MANHOLE STEPS SHALL BE INSTALLED IN ALL PROPOSED MANHOLES.
 - IN INSTANCES WHERE AN EXISTING OR PROPOSED FRAME AND COVER ARE LOCATED IN AN ADA ACCESSIBLE SURFACE, THE FRAME SHALL BE CAREFULLY ADJUSTED SUCH THAT THE COVER IS FLUSH WITH THE CURB RAMP SURFACE.
 - HDPE PIPE SHALL CONFORM TO AASHTO M 294, TYPE S.
 - PROPOSED HEADWALLS SHALL BE BUILT IN ACCORDANCE WITH E 206.4.0 0 CONCRETE AND FIELD STONE MASONRY PIPE ENDS FOR 8" TO 30" PIPE.



CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB

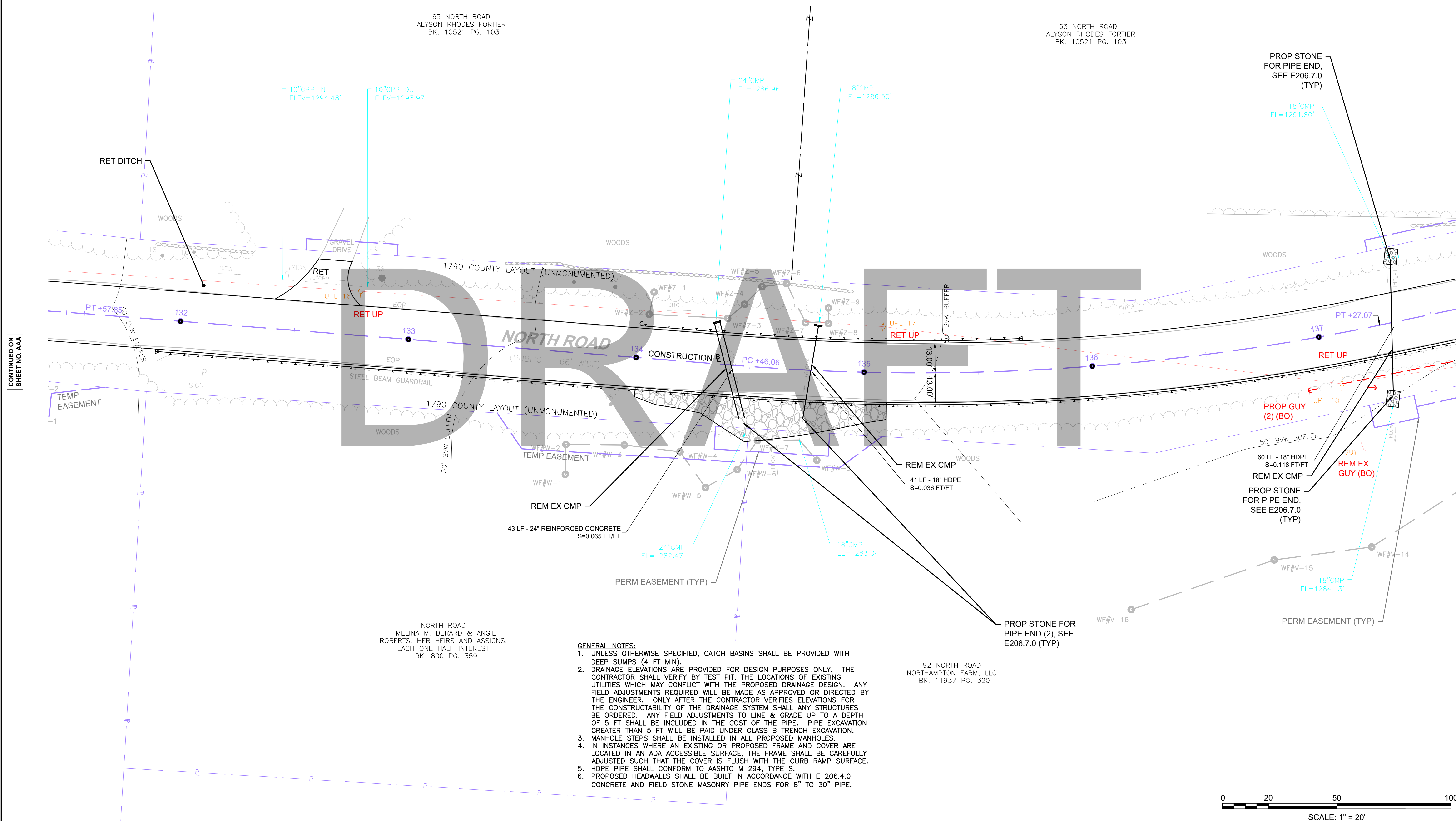
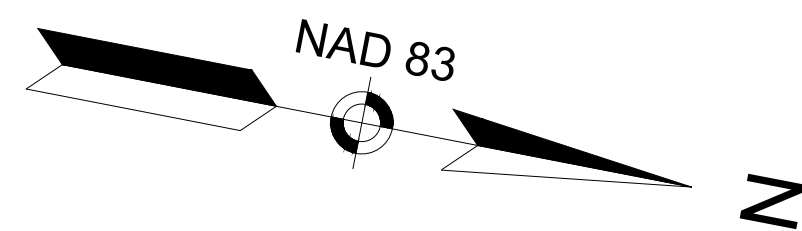
NORTH ROAD
COMMONWEALTH OF MASSACHUSETTS
DIVISION OF FISHERIES AND WILDLIFE
BK. 3214 PG. 48

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	139	282
PROJECT FILE NO.		608886	

**UTILITY PLANS
SHEET 07 OF 24**

DRAINAGE STRUCTURE TABLE - NORTH RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
HW-N3	134+34.28	18.07 L	1289.34			
HW-N4	134+79.27	19.53 L	1291.06		I=1289.00' ()	



63 NORTH ROAD
ALYSON RHODES FORTIER
BK. 10521 PG. 103

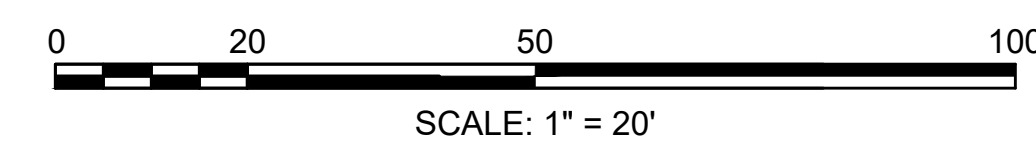
63 NORTH ROAD
ALYSON RHODES FORTIER
BK. 10521 PG. 103

PROP STONE
FOR PIPE END,
SEE E206.7.0
(TYP)

NORTH ROAD
MELINA M. BERARD & ANGIE
ROBERTS, HER HEIRS AND ASSIGNS,
EACH ONE HALF INTEREST
BK. 800 PG. 359

92 NORTH ROAD
NORTHAMPTON FARM, LLC
BK. 11937 PG. 320

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 - PROPOSED HEADWALLS SHALL BE BUILT IN ACCORDANCE WITH E 206.4.0 CONCRETE AND FIELD STONE MASONRY PIPE ENDS FOR 8" TO 30" PIPE.



CONTINUED ON
SHEET NO. AAA

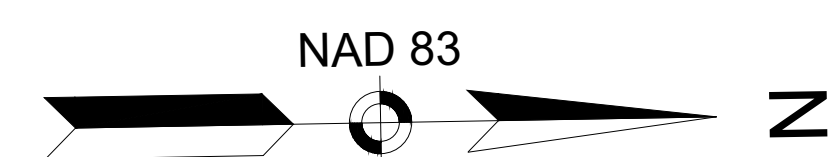
CONTINUED ON
SHEET NO. BBB

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	140	282
PROJECT FILE NO. 608886			

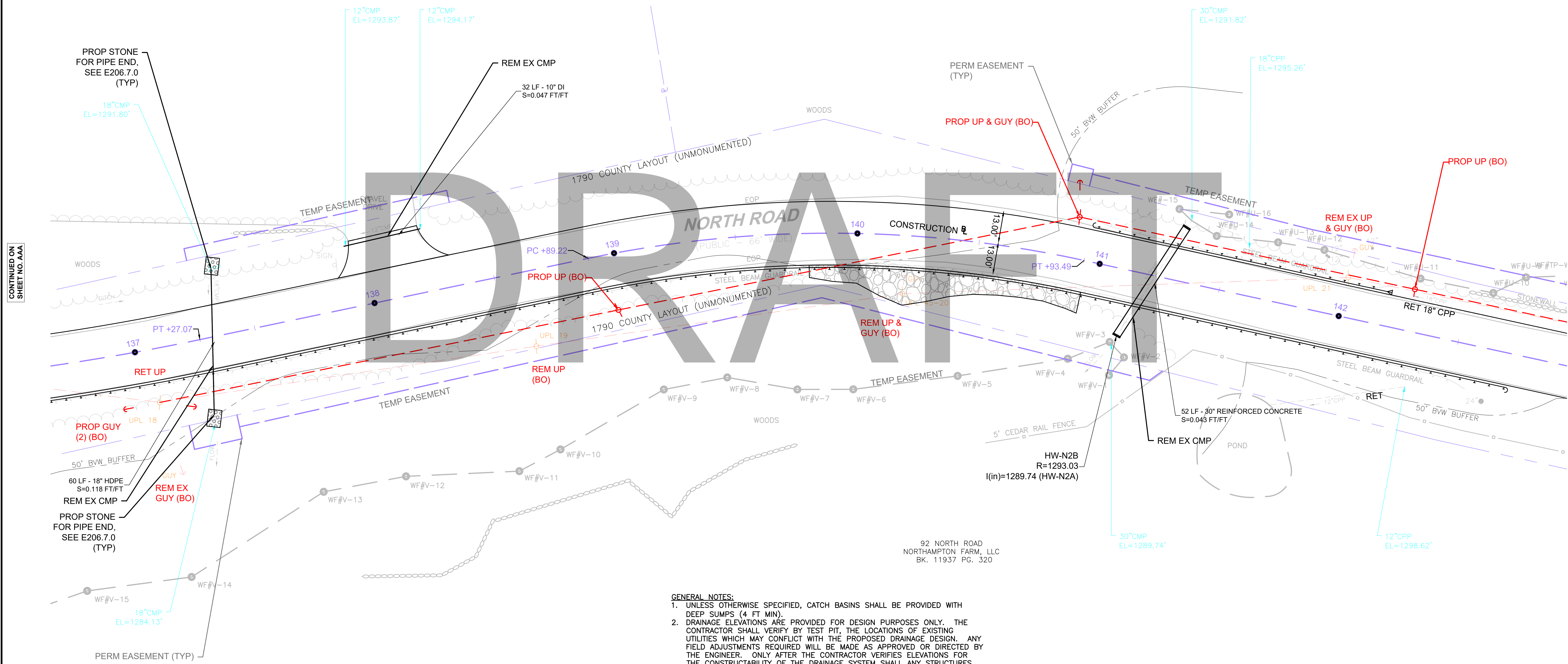
**UTILITY PLANS
SHEET 08 OF 24**

DRAINAGE STRUCTURE TABLE - NORTH RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
HW-N2B	141+13.07	27.18 R	1293.03	I=1289.74' (HW-N2A)		
HW-N2A	141+31.71	22.00 L	1295.29		I=1292.00' (HW-N2B)	

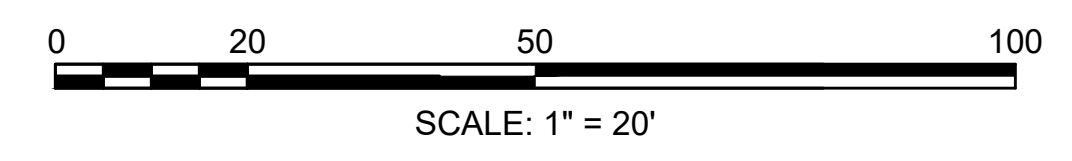


63 NORTH ROAD
ALYSON RHODES FORTIER
BK. 10521 PG. 103

SMITH ROAD
JAMES J. MONTGOMERY &
PATRICIA G. COLSON-MONTGOMERY
BK. 2808 PG. 208
PLAN BOOK 141 PG. 25



- GENERAL NOTES:**
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CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB

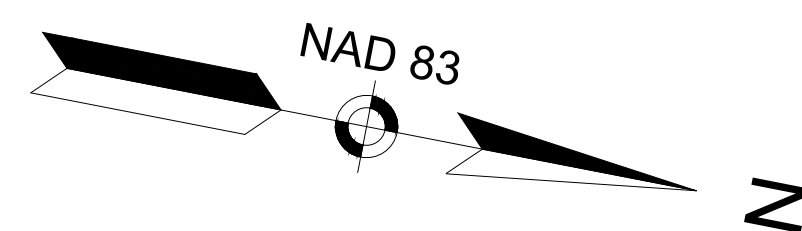
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**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

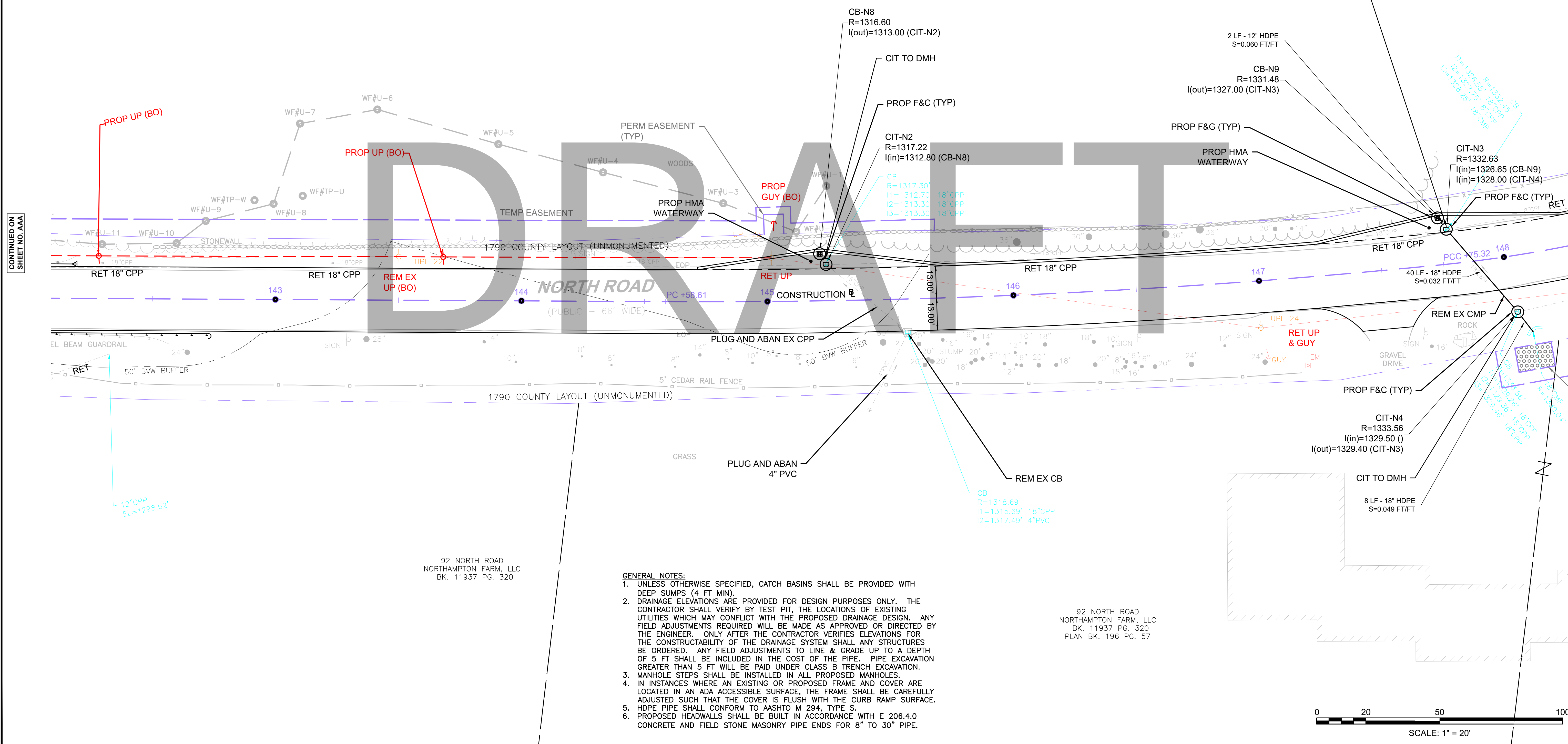
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	141	282
PROJECT FILE NO.		608886	

**UTILITY PLANS
SHEET 09 OF 24**

DRAINAGE STRUCTURE TABLE - NORTH RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-N8	145+21.70	19.01 L	1316.60		I=1313.00' (CIT-N2)	
CIT-N2	145+24.21	14.67 L	1317.22	I=1312.80' (CB-N8)		
CB-N9	147+74.74	19.00 L	1331.48		I=1327.00' (CIT-N3)	
CIT-N3	147+77.93	14.05 L	1332.63	I=1326.65' (CB-N9) I=1328.00' (CIT-N4)		
CIT-N4	148+02.22	22.96 R	1333.56	I=1329.50' ()	I=1329.40' (CIT-N3)	



SMITH ROAD
JAMES J. MONTGOMERY &
PATRICIA G. COLSON-MONTGOMERY
BK. 2808 PG. 208
PLAN BOOK 141 PG. 25

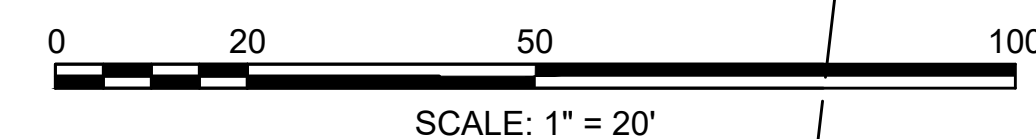


CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB

- GENERAL NOTES:**
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92 NORTH ROAD
NORTHAMPTON FARM, LLC
BK. 11937 PG. 320
PLAN BK. 196 PG. 57

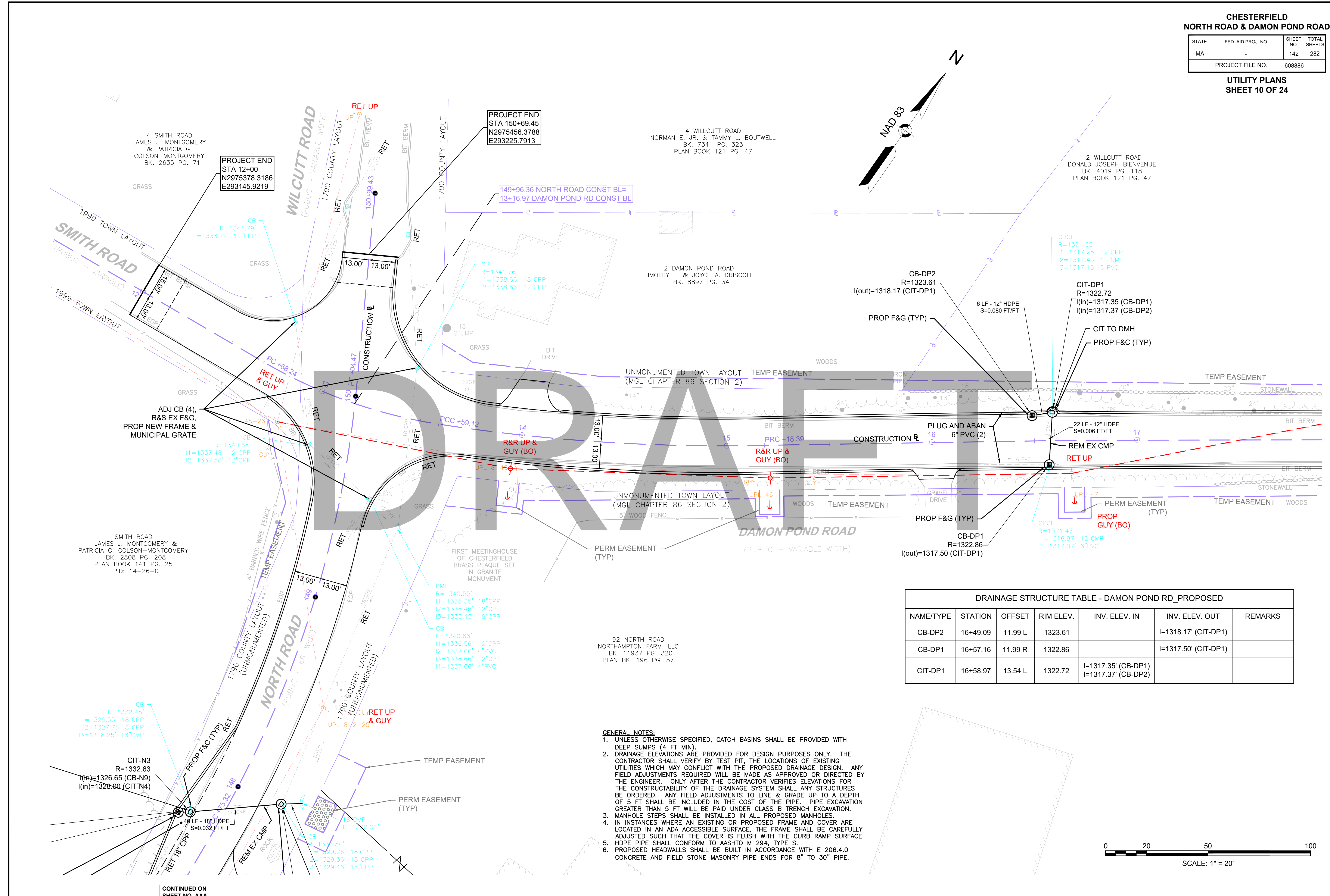
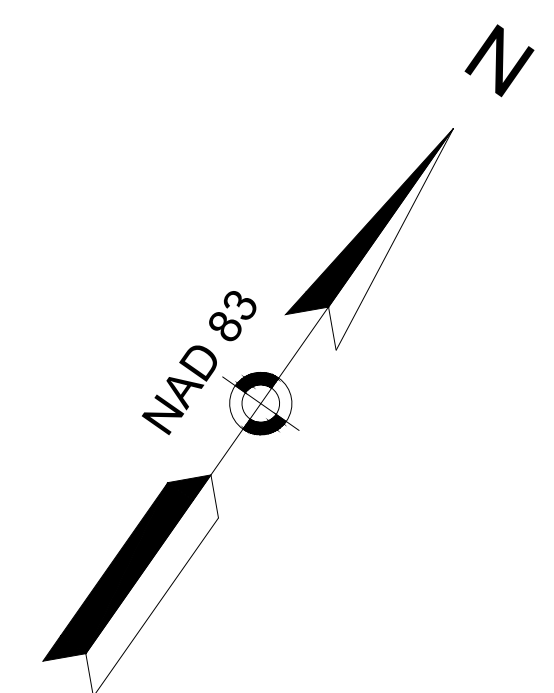


**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	142	282

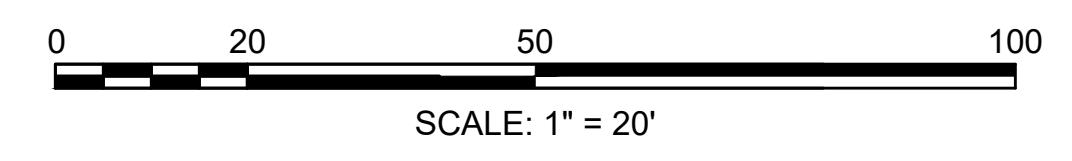
**UTILITY PLANS
SHEET 10 OF 24**

PROJECT FILE NO. 608886



NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-DP2	16+49.09	11.99 L	1323.61		I=1318.17' (CIT-DP1)	
CB-DP1	16+57.16	11.99 R	1322.86		I=1317.50' (CIT-DP1)	
CIT-DP1	16+58.97	13.54 L	1322.72	I=1317.35' (CB-DP1) I=1317.37' (CB-DP2)		

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CONTINUED ON SHEET NO. AAA

CONTINUED ON SHEET NO. BBB

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**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	143	282

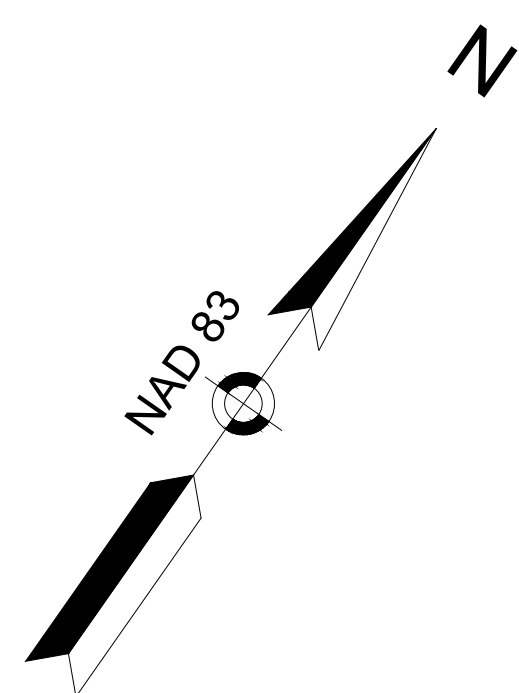
**UTILITY PLANS
SHEET 11 OF 24**

4 PYNCHON ROAD
STEVEN J. MARCUS
BK. 4585 PG. 155

12 WILLCUTT ROAD
DONALD JOSEPH BIENVENUE
BK. 4019 PG. 118
PLAN BOOK 121 PG. 47

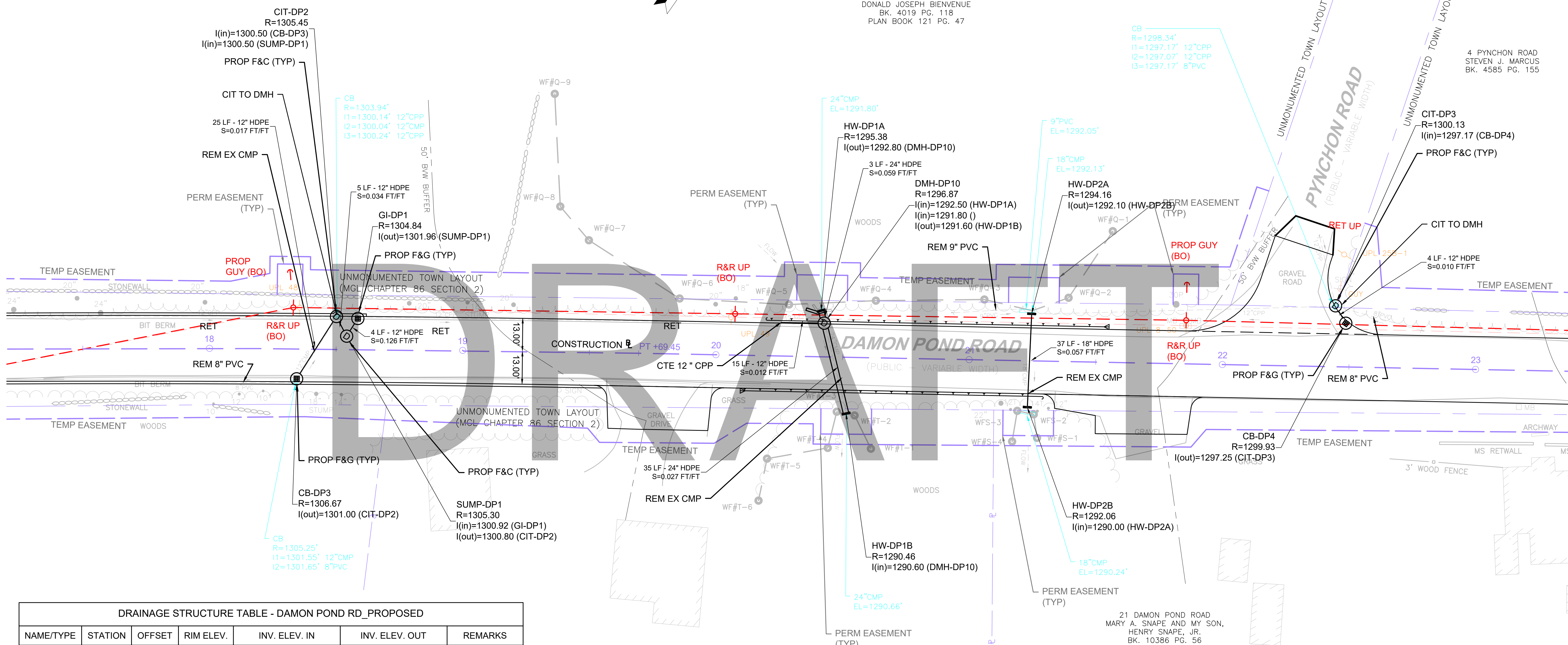
21 DAMON POND ROAD
MARY A. SNAPE AND MY SON,
HENRY SNAPE, JR.
BK. 10386 PG. 56

11 DAMON POND ROAD
JAMES K. PRINGLE &
MARGARET ALLARD PRINGLE
BK. 2370 PG. 31



CONTINUED ON
SHEET NO. AAA

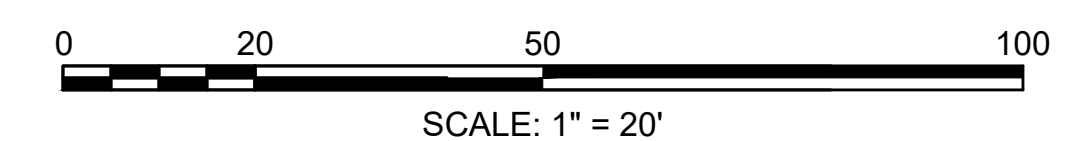
CONTINUED ON
SHEET NO. BBB



DRAINAGE STRUCTURE TABLE - DAMON POND RD_PROPOSED

NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-DP3	18+34.80	11.99 R	1306.67		I=1301.00' (CIT-DP2)	
CIT-DP2	18+50.33	12.73 L	1305.45	I=1300.50' (CB-DP3) I=1300.50' (SUMP-DP1)		
SUMP-DP1	18+54.42	5.00 L	1305.30	I=1300.92' (GI-DP1)	I=1300.80' (CIT-DP2)	
GI-DP1	18+58.80	12.00 L	1304.84		I=1301.96' (SUMP-DP1)	
HW-DP1A	20+41.41	18.07 L	1295.38		I=1292.80' (DMH-DP10)	
DMH-DP10	20+42.70	13.15 L	1296.87	I=1292.50' (HW-DP1A) I=1291.80' ()	I=1291.60' (HW-DP1B)	
HW-DP1B	20+52.04	22.35 R	1290.46	I=1290.60' (DMH-DP10)		
HW-DP2B	21+23.50	18.47 R	1292.06	I=1290.00' (HW-DP2A)		
HW-DP2A	21+24.51	18.42 L	1294.16		I=1292.10' (HW-DP2B)	
CIT-DP3	22+44.33	23.90 L	1300.13	I=1297.17' (CB-DP4)		
CB-DP4	22+48.52	17.11 L	1299.93		I=1297.25' (CIT-DP3)	

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**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	144	282

**UTILITY PLANS
SHEET 12 OF 24**

43 DAMON POND ROAD
THOMAS J. BOYLE &
NANCY PITTSINGER BOYLE
BK. 2444 PG. 288

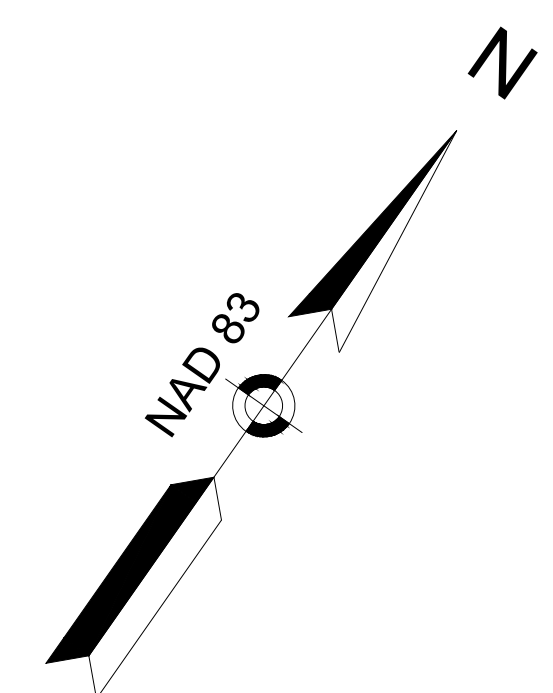
28 DAMON POND ROAD
KATHRYN D. MICKETT-KENNEDY &
RYAN J. KENNEDY
BK. 11004 PG. 232
PLAN BOOK 162 PG. 85

26 DAMON POND ROAD
JAMES E. DAWSON &
AUTUMN M. BOYLE-DAWSON
BK. 8702 PG. 171

4 PYNCHON ROAD
STEVEN J. MARCUS
BK. 4585 PG. 155

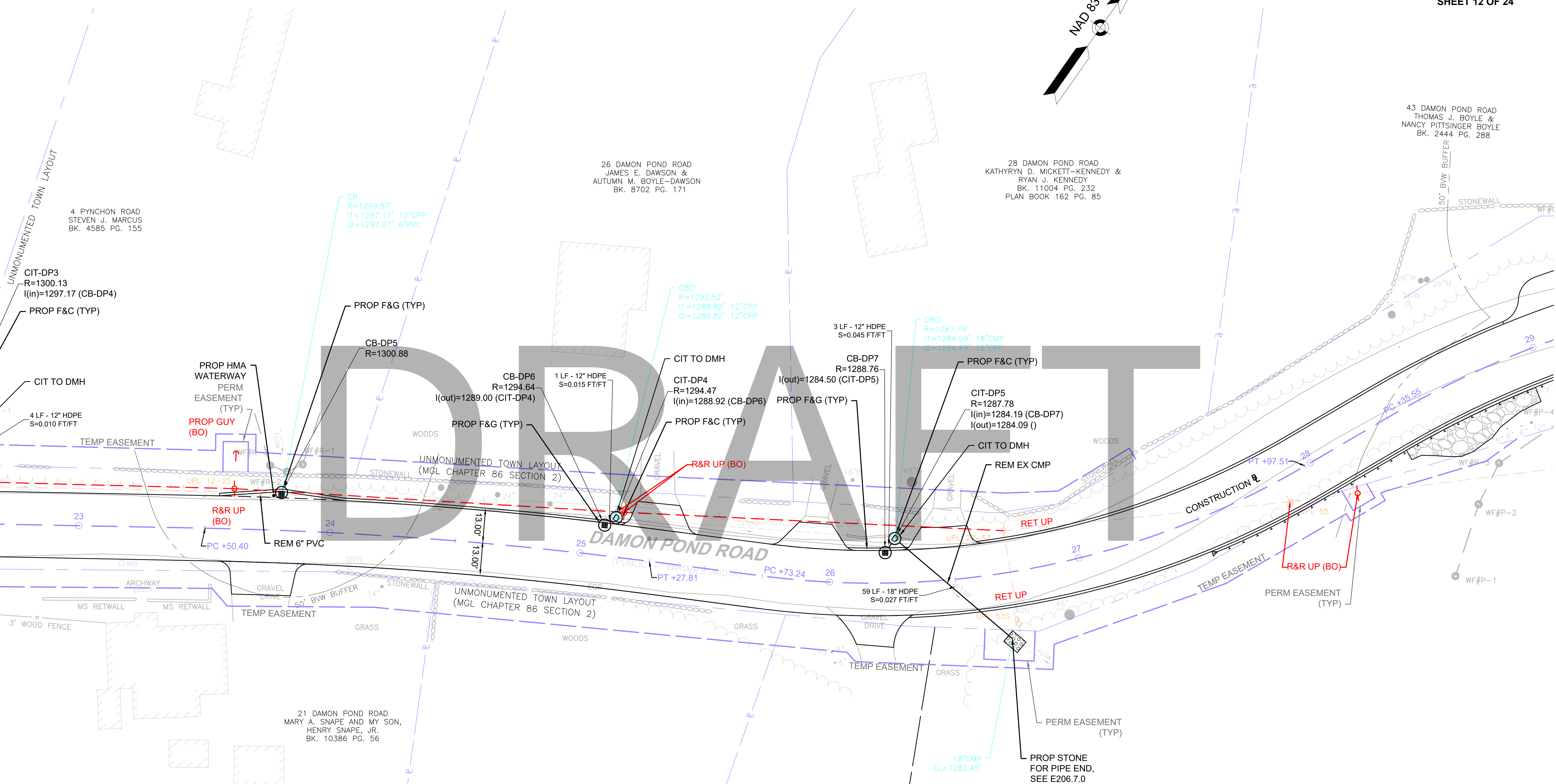
21 DAMON POND ROAD
MARY A. SNAPE AND MY SON,
HENRY SNAPE, JR.
BK. 10386 PG. 56

92 NORTH ROAD
NORTHAMPTON FARM, LLC
BK. 11937 PG. 320
PLAN BK. 196 PG. 57



CONTINUED ON
SHEET NO. AAA

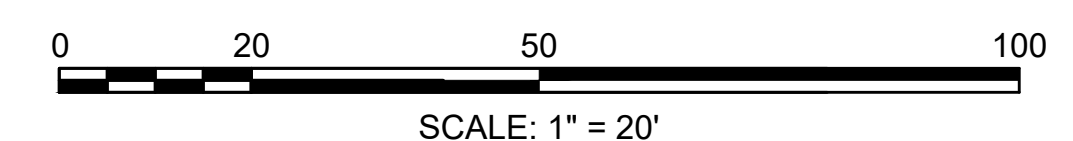
CONTINUED ON
SHEET NO. BBB



NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-DP5	23+80.54	14.94 L	1300.88			
CB-DP6	25+08.66	12.00 L	1294.64		I=1289.00' (CIT-DP4)	
CIT-DP4	25+12.81	15.47 L	1294.47	I=1288.92' (CB-DP6)		
CB-DP7	26+22.50	12.00 L	1288.76		I=1284.50' (CIT-DP5)	
CIT-DP5	26+26.64	17.55 L	1287.78	I=1284.19' (CB-DP7)	I=1284.09' ()	

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27 DAMON POND ROAD
WILLIAM H. NUGENT, JR.
BK. 7976 PG. 200
PLAN BK. 144 PG. 49

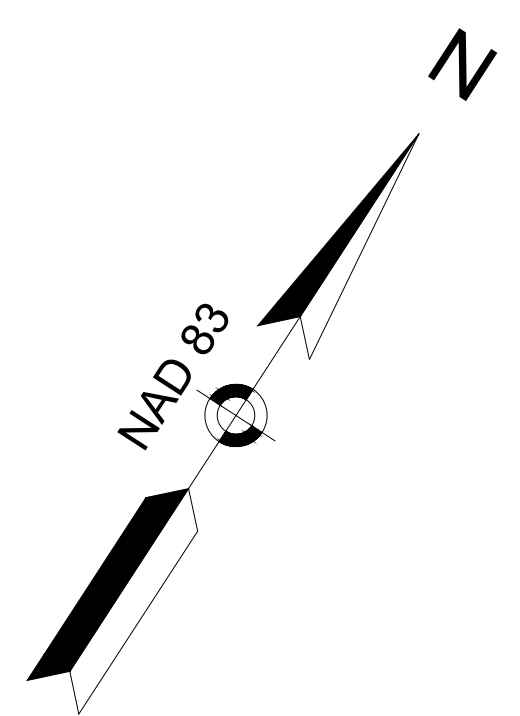


**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	145	282

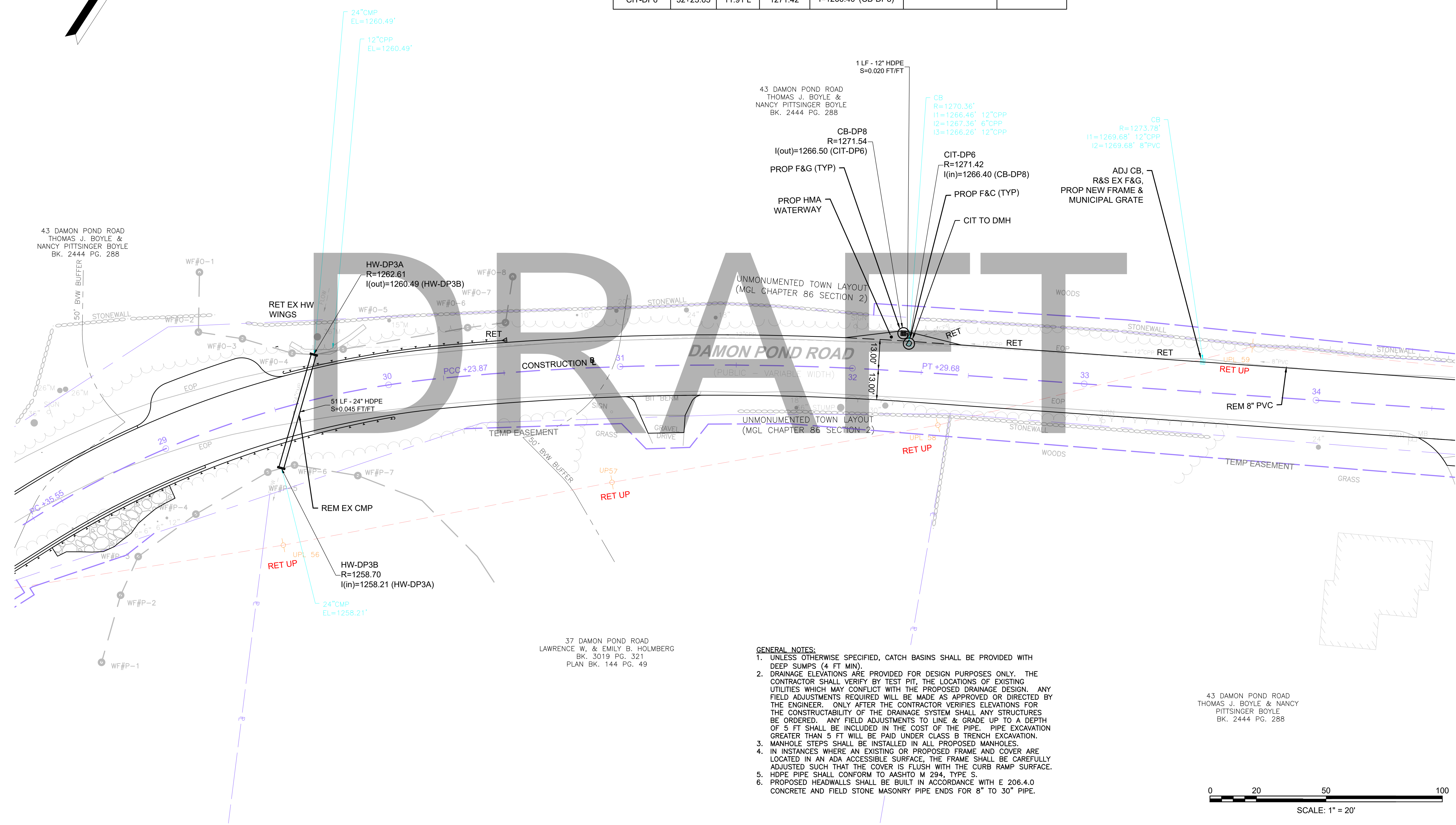
PROJECT FILE NO. 608886
**UTILITY PLANS
SHEET 13 OF 24**

DRAINAGE STRUCTURE TABLE - DAMON POND RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
HW-DP3B	29+45.46	24.92 R	1258.70	I=1258.21' (HW-DP3A)		
HW-DP3A	29+71.63	18.77 L	1262.61		I=1260.49' (HW-DP3B)	
CB-DP8	32+21.01	16.20 L	1271.54		I=1266.50' (CIT-DP6)	
CIT-DP6	32+23.65	11.91 L	1271.42	I=1266.40' (CB-DP8)		

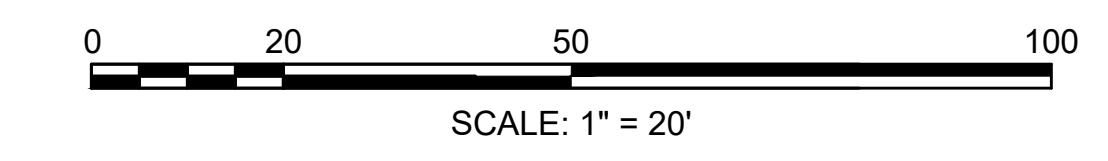


CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB



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 - MANHOLE STEPS SHALL BE INSTALLED IN ALL PROPOSED MANHOLES.
 - IN INSTANCES WHERE AN EXISTING OR PROPOSED FRAME AND COVER ARE LOCATED IN AN ADA ACCESSIBLE SURFACE, THE FRAME SHALL BE CAREFULLY ADJUSTED SUCH THAT THE COVER IS FLUSH WITH THE CURB RAMP SURFACE.
 - HDPE PIPE SHALL CONFORM TO AASHTO M 294, TYPE S.
 - PROPOSED HEADWALLS SHALL BE BUILT IN ACCORDANCE WITH E 206.4.0 CONCRETE AND FIELD STONE MASONRY PIPE ENDS FOR 8" TO 30" PIPE.

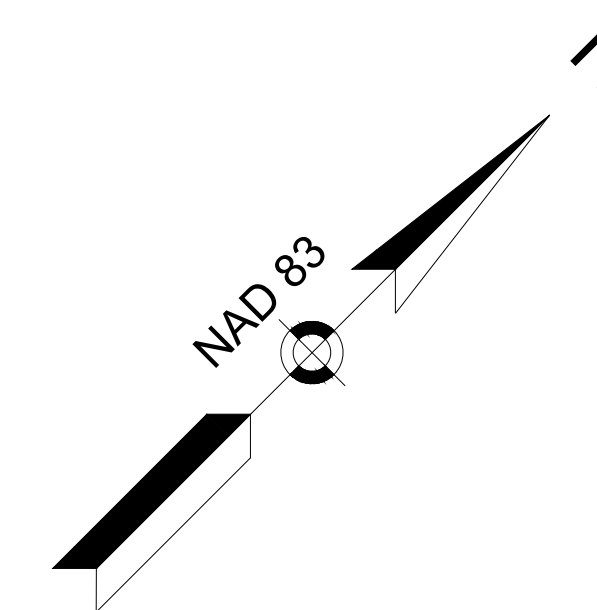


**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	146	282
PROJECT FILE NO.		608886	

**UTILITY PLANS
SHEET 14 OF 24**

DRAINAGE STRUCTURE TABLE - DAMON POND RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-DP9	37+93.98	17.67 L	1273.07		I=1268.30' (CIT-DP8)	
CB-DP10	40+27.71	11.29 L	1251.62		I=1246.90' (DMH-DP1)	
CB-DP11	40+32.69	12.06 R	1251.05		I=1246.29' (DMH-DP1)	
DMH-DP1	40+36.02	5.28 L	1250.81	I=1246.50' (CB-DP10) I=1246.00' (CB-DP11)	I=1245.90' (CIT-DP8)	
CIT-DP8	40+37.86	14.41 L	1250.56	I=1245.00' (CB-DP9) I=1245.70' (DMH-DP1)		

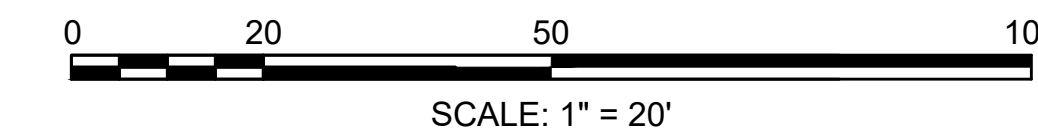


43 DAMON POND ROAD
THOMAS J. BOYLE & NANCY
PITTSINGER BOYLE
BK. 2444 PG. 288

43 DAMON POND ROAD
THOMAS J. BOYLE & NANCY
PITTSINGER BOYLE
BK. 2444 PG. 288

53 DAMON POND ROAD
PETER B. BANISTER
BK. 9759 PG. 245

- GENERAL NOTES:**
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CONTINUED ON
SHEET NO. AAA

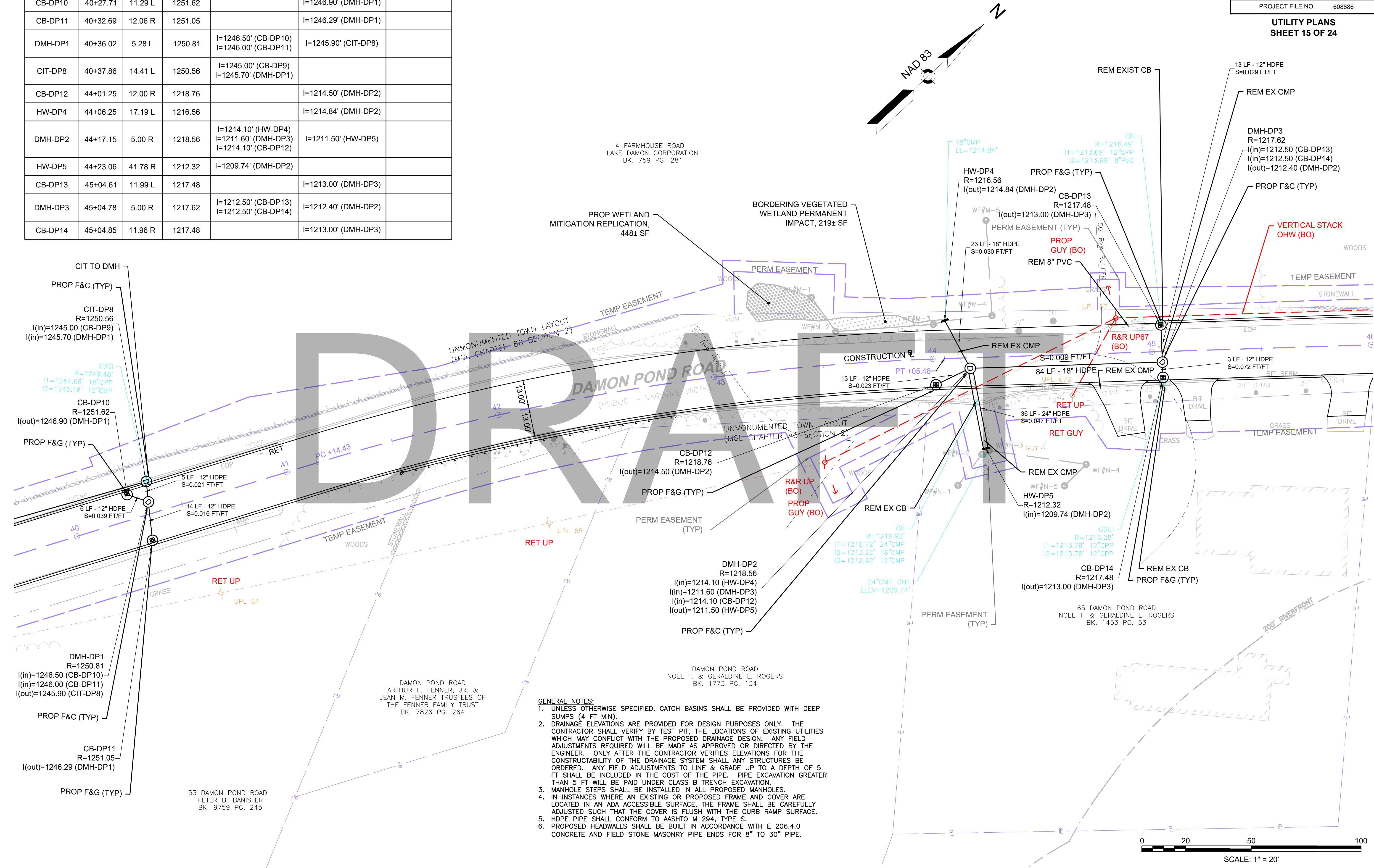
CONTINUED ON
SHEET NO. BBB

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DRAINAGE STRUCTURE TABLE - DAMON POND RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-DP10	40+27.71	11.29 L	1251.62		I=1246.90' (DMH-DP1)	
CB-DP11	40+32.69	12.06 R	1251.05		I=1246.29' (DMH-DP1)	
DMH-DP1	40+36.02	5.28 L	1250.81	I=1246.50' (CB-DP10) I=1246.00' (CB-DP11)	I=1245.90' (CIT-DP8)	
CIT-DP8	40+37.86	14.41 L	1250.56	I=1245.00' (CB-DP9) I=1245.70' (DMH-DP1)		
CB-DP12	44+01.25	12.00 R	1218.76		I=1214.50' (DMH-DP2)	
HW-DP4	44+06.25	17.19 L	1216.56		I=1214.84' (DMH-DP2)	
DMH-DP2	44+17.15	5.00 R	1218.56	I=1214.10' (HW-DP4) I=1211.60' (DMH-DP3) I=1214.10' (CB-DP12)	I=1211.50' (HW-DP5)	
HW-DP5	44+23.06	41.78 R	1212.32	I=1209.74' (DMH-DP2)		
CB-DP13	45+04.61	11.99 L	1217.48		I=1213.00' (DMH-DP3)	
DMH-DP3	45+04.78	5.00 R	1217.62	I=1212.50' (CB-DP13) I=1212.50' (CB-DP14)	I=1212.40' (DMH-DP2)	
CB-DP14	45+04.85	11.96 R	1217.48		I=1213.00' (DMH-DP3)	

CONTINUED ON SHEET NO. AAA

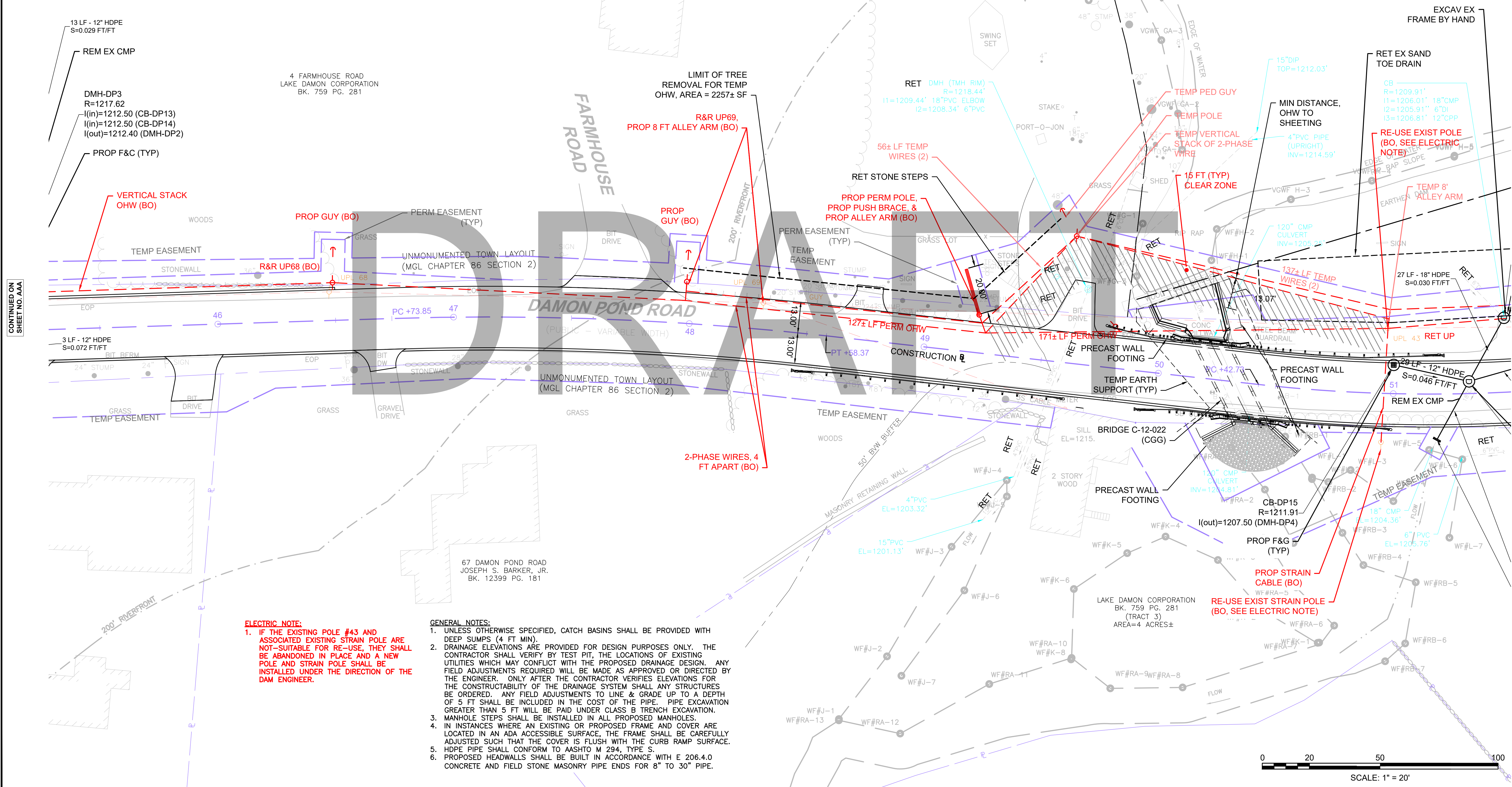
CONTINUED ON SHEET NO. BBB



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STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	148	282
PROJECT FILE NO. 608886			

NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-DP15	51+00	12.00 L	1211.91		I=1207.50' (DMH-DP4)	
HW-DP6	51+18.48	19.51 R	1208.40	I=1204.36' (DMH-DP4)		
DMH-DP4	51+32.29	5.00 L	1212.53	I=1205.10' (CIT-DP9) I=1206.00' (CB-DP16) I=1206.00' (CB-DP15)	I=1205.00' (HW-DP6)	
CIT-DP9	51+48.55	31.32 L	1212.00		I=1206.01' (DMH-DP4)	



ELECTRIC NOTE:
1. IF THE EXISTING POLE #43 AND ASSOCIATED EXISTING STRAIN POLE ARE NOT-SUITABLE FOR RE-USE, THEY SHALL BE ABANDONED IN PLACE AND A NEW POLE AND STRAIN POLE SHALL BE INSTALLED UNDER THE DIRECTION OF THE DAM ENGINEER.

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**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	149	282

**UTILITY PLANS
SHEET 17 OF 24**

PROJECT FILE NO. 608886

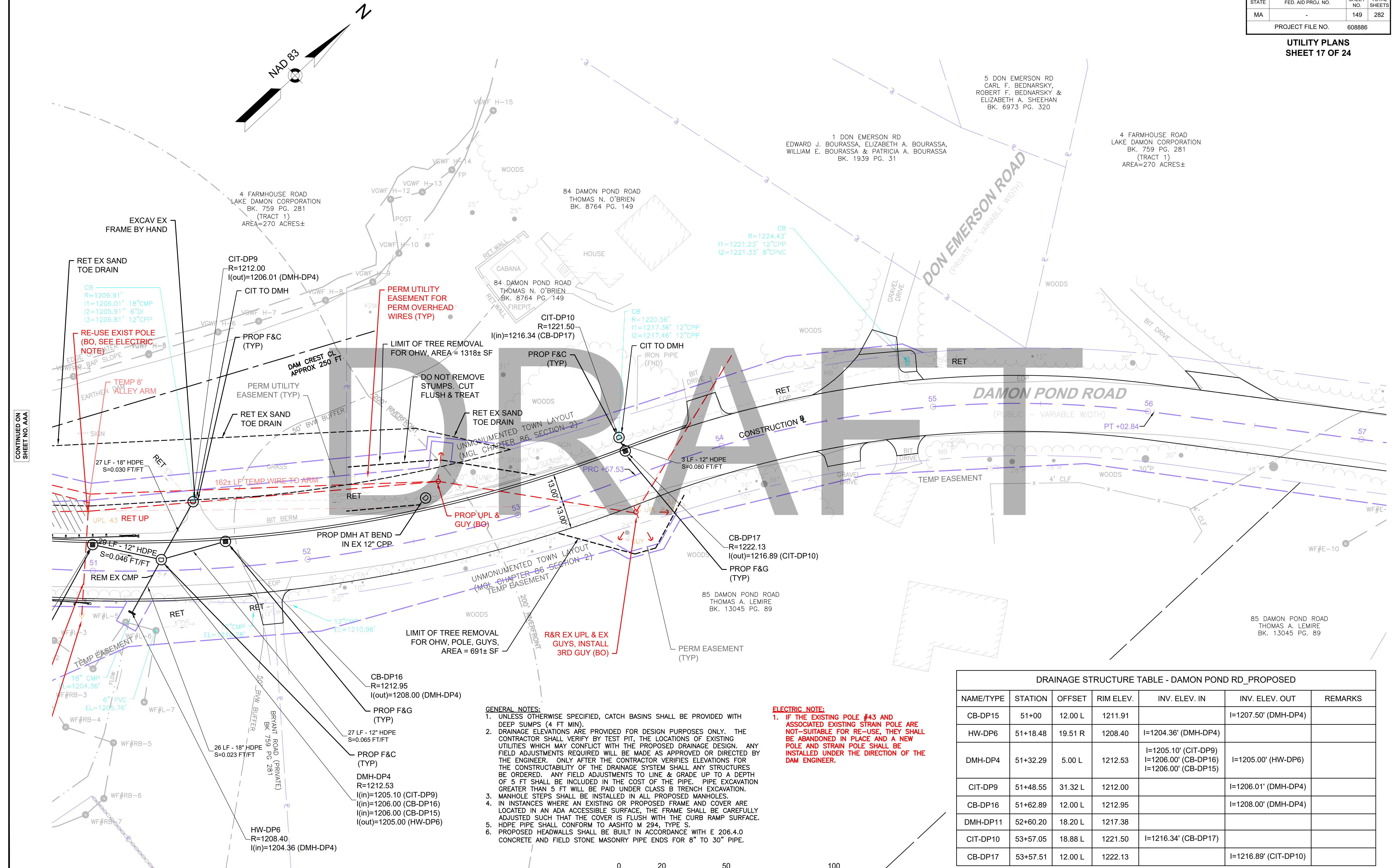
5 DON EMERSON RD
CARL F. BEDNARSKY,
ROBERT F. BEDNARSKY &
ELIZABETH A. SHEEHAN
BK. 6973 PG. 320

1 DON EMERSON RD
EDWARD J. BOURASSA, ELIZABETH A. BOURASSA,
WILLIAM E. BOURASSA & PATRICIA A. BOURASSA
BK. 1939 PG. 31

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±

84 DAMON POND ROAD
THOMAS N. O'BRIEN
BK. 8764 PG. 149

85 DAMON POND ROAD
THOMAS A. LEMIRE
BK. 13045 PG. 89



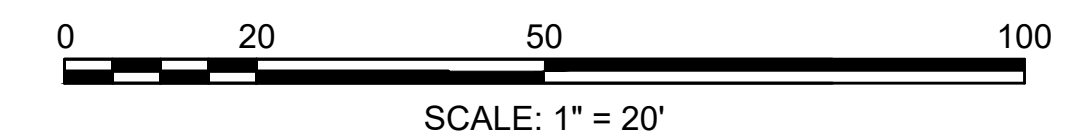
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DRAINAGE STRUCTURE TABLE - DAMON POND RD_PROPOSED

NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-DP15	51+00	12.00 L	1211.91		I=1207.50' (DMH-DP4)	
HW-DP6	51+18.48	19.51 R	1208.40	I=1204.36' (DMH-DP4)		
DMH-DP4	51+32.29	5.00 L	1212.53	I=1205.10' (CIT-DP9) I=1206.00' (CB-DP16) I=1206.00' (CB-DP15)	I=1205.00' (HW-DP6)	
CIT-DP9	51+48.55	31.32 L	1212.00		I=1206.01' (DMH-DP4)	
CB-DP16	51+62.89	12.00 L	1212.95		I=1208.00' (DMH-DP4)	
DMH-DP11	52+60.20	18.20 L	1217.38			
CIT-DP10	53+57.05	18.88 L	1221.50	I=1216.34' (CB-DP17)		
CB-DP17	53+57.51	12.00 L	1222.13		I=1216.89' (CIT-DP10)	



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CONTINUED ON SHEET NO. BBB

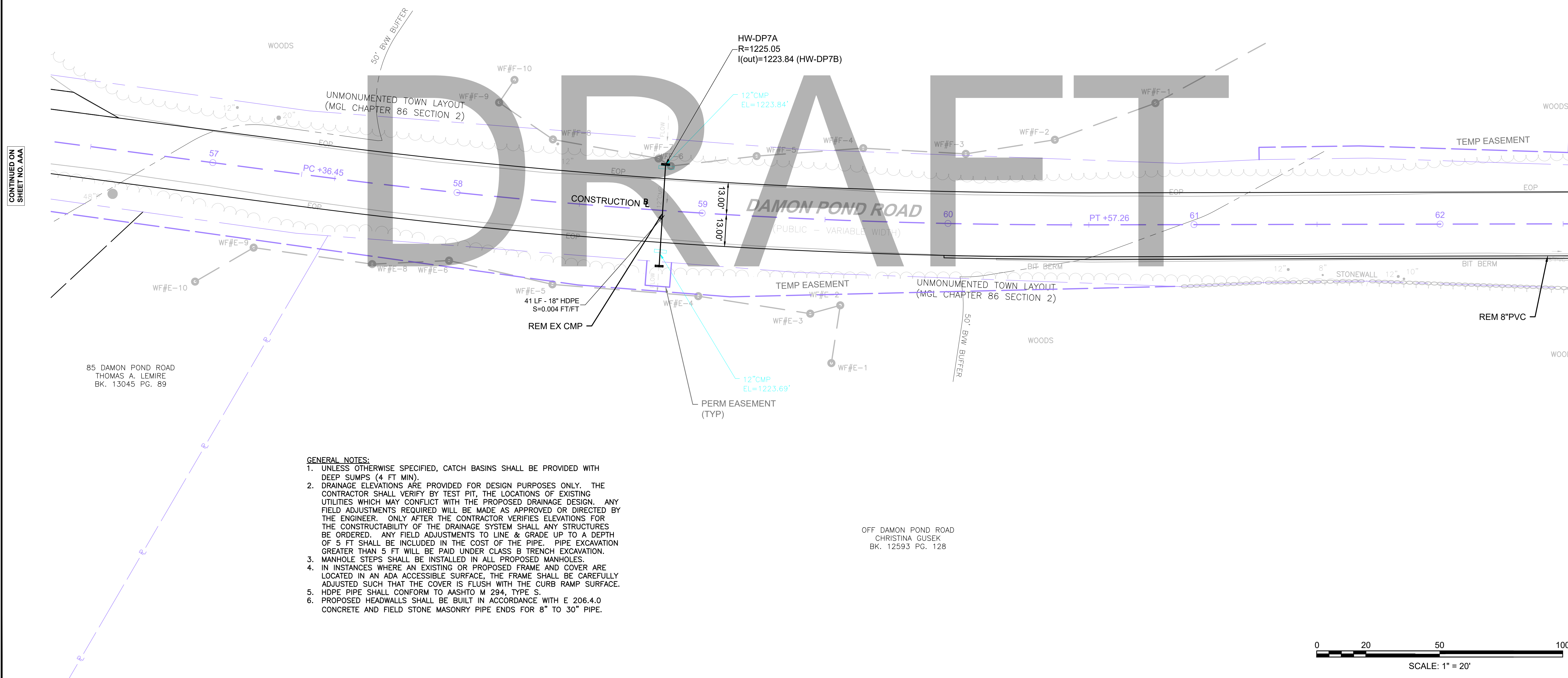
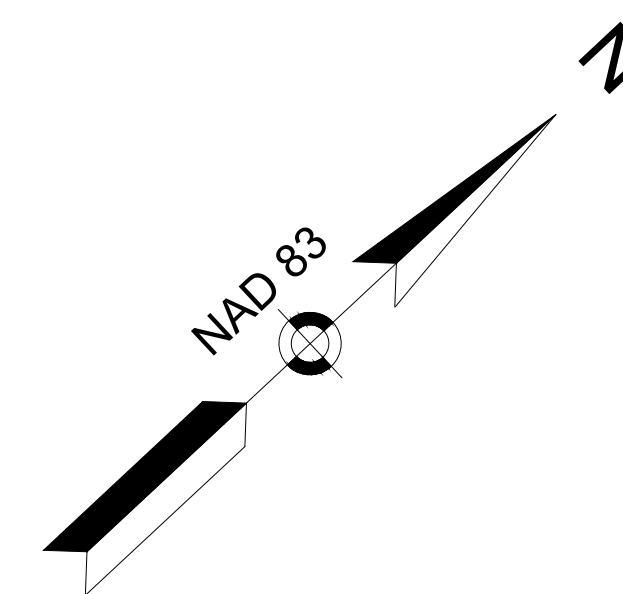
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	150	282
PROJECT FILE NO.		608886	

**UTILITY PLANS
SHEET 18 OF 24**

DRAINAGE STRUCTURE TABLE - DAMON POND RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
HW-DP7A	58+83.87	18.70 L	1225.05		I=1223.84' (HW-DP7B)	
HW-DP7B	58+84.12	22.68 R	1225.06	I=1223.69' (HW-DP7A)		

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±



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CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB

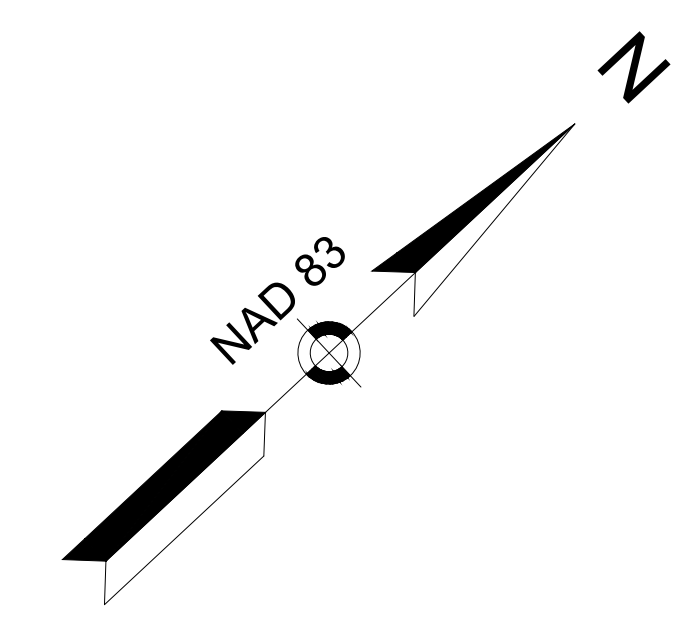
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	151	282
PROJECT FILE NO. 608886			

**UTILITY PLANS
SHEET 19 OF 24**

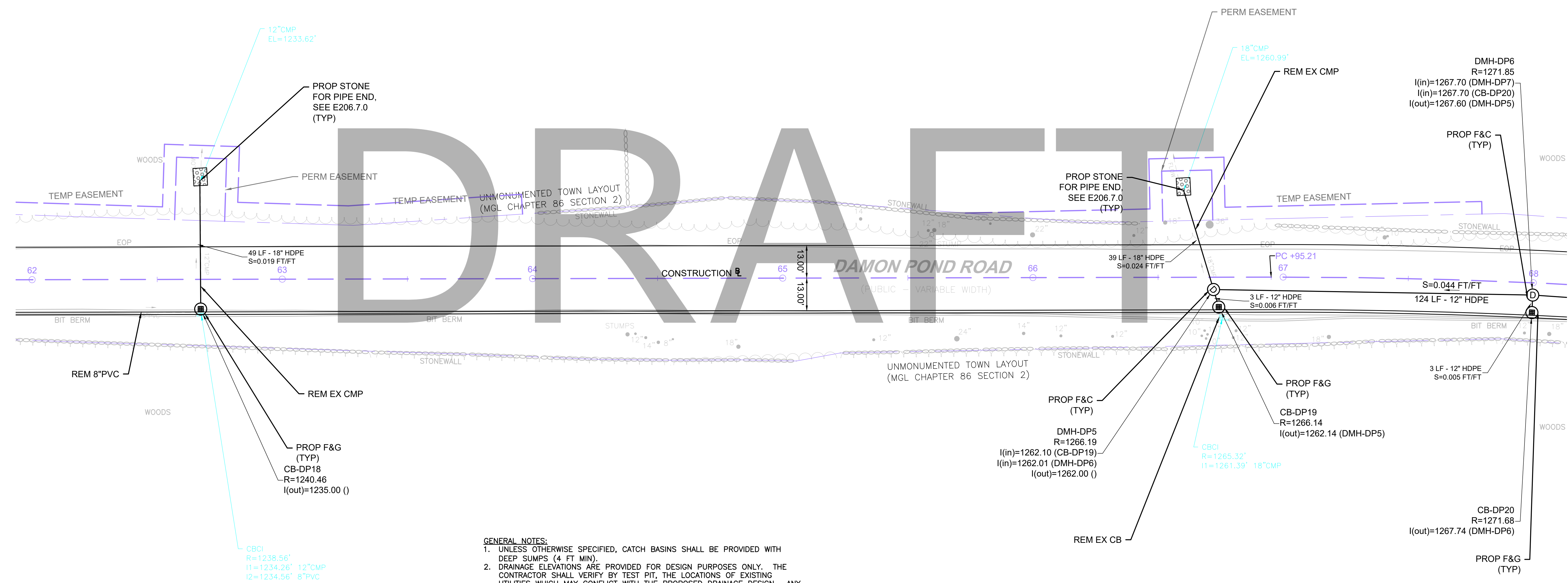
DRAINAGE STRUCTURE TABLE - DAMON POND RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-DP18	62+67.60	11.94 R	1240.46		I=1235.00' ()	
DMH-DP5	66+72.22	5.00 R	1266.19	I=1262.10' (CB-DP19) I=1262.01' (DMH-DP6)	I=1262.00' ()	
CB-DP19	66+74.30	12.00 R	1266.14		I=1262.14' (DMH-DP5)	
CB-DP20	68+00	12.00 R	1271.68		I=1267.74' (DMH-DP6)	
DMH-DP6	68+00	5.00 R	1271.85	I=1267.70' (DMH-DP7) I=1267.70' (CB-DP20)	I=1267.60' (DMH-DP5)	

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±

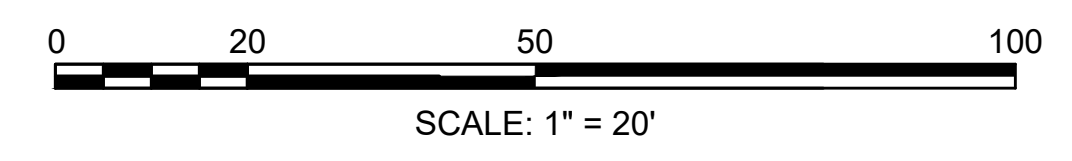


CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB



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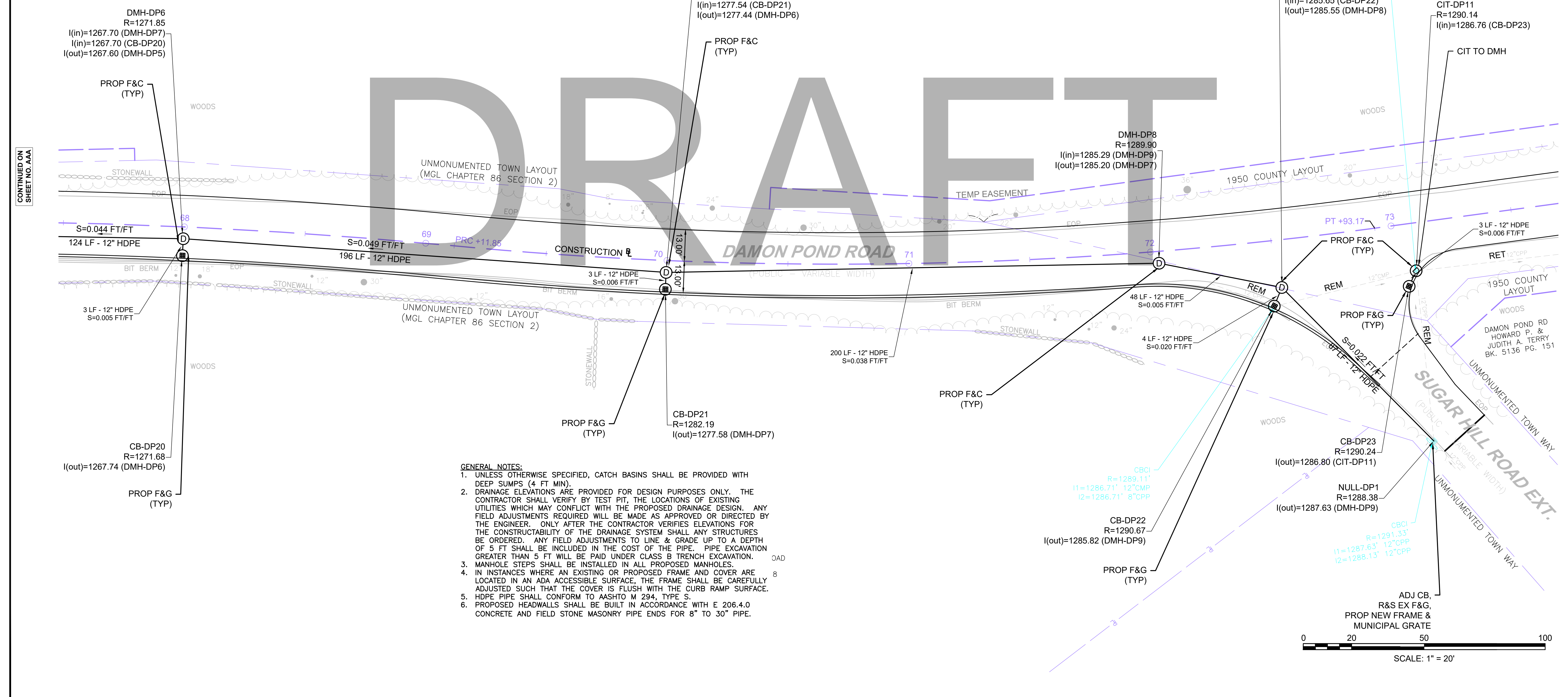
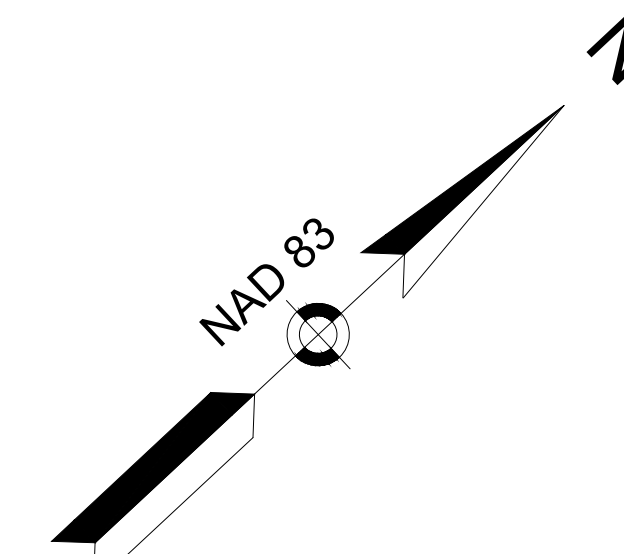
**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	152	282
PROJECT FILE NO.		608886	

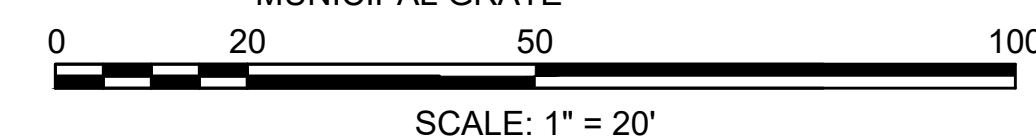
**UTILITY PLANS
SHEET 20 OF 24**

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±

DRAINAGE STRUCTURE TABLE - DAMON POND RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-DP20	68+00	12.00 R	1271.68		I=1267.74' (DMH-DP6)	
DMH-DP6	68+00	5.00 R	1271.85	I=1267.70' (DMH-DP7) I=1267.70' (CB-DP20)	I=1267.60' (DMH-DP5)	
CB-DP21	70+00	12.00 R	1282.19		I=1277.58' (DMH-DP7)	
DMH-DP7	70+00	5.00 R	1281.98	I=1277.54' (DMH-DP8) I=1277.54' (CB-DP21)	I=1277.44' (DMH-DP6)	
DMH-DP8	72+03.22	5.00 R	1289.90	I=1285.29' (DMH-DP9)	I=1285.20' (DMH-DP7)	
CB-DP22	72+48.53	27.08 R	1290.67		I=1285.82' (DMH-DP9)	
DMH-DP9	72+52.41	19.75 R	1290.62	I=1285.65' (NULL-DP1) I=1285.65' (CB-DP22)	I=1285.55' (DMH-DP8)	
CB-DP23	73+04.13	25.80 R	1290.24		I=1286.80' (CIT-DP11)	
CIT-DP11	73+07.84	19.80 R	1290.14	I=1286.76' (CB-DP23)		



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CONTINUED ON SHEET NO. AAA

CONTINUED ON SHEET NO. BBB

**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

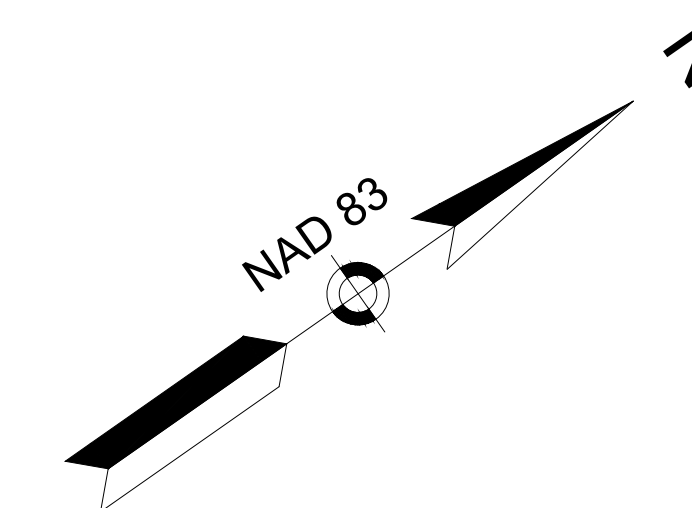
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	153	282
PROJECT FILE NO.		608886	

**UTILITY PLANS
SHEET 21 OF 24**

DRAINAGE STRUCTURE TABLE - DAMON POND RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-DP22	72+48.53	27.08 R	1290.67		I=1285.82' (DMH-DP9)	
DMH-DP9	72+52.41	19.75 R	1290.62	I=1285.65' (NULL-DP1) I=1285.65' (CB-DP22)	I=1285.55' (DMH-DP8)	
CB-DP23	73+04.13	25.80 R	1290.24		I=1286.80' (CIT-DP11)	
CIT-DP11	73+07.84	19.80 R	1290.14	I=1286.76' (CB-DP23)		
CB-DP24	75+24.76	19.41 R	1289.37		I=1285.37' (CIT-DP12)	
CIT-DP12	75+28.98	23.72 R	1288.65	I=1285.34' (CB-DP24)	I=1284.40' ()	

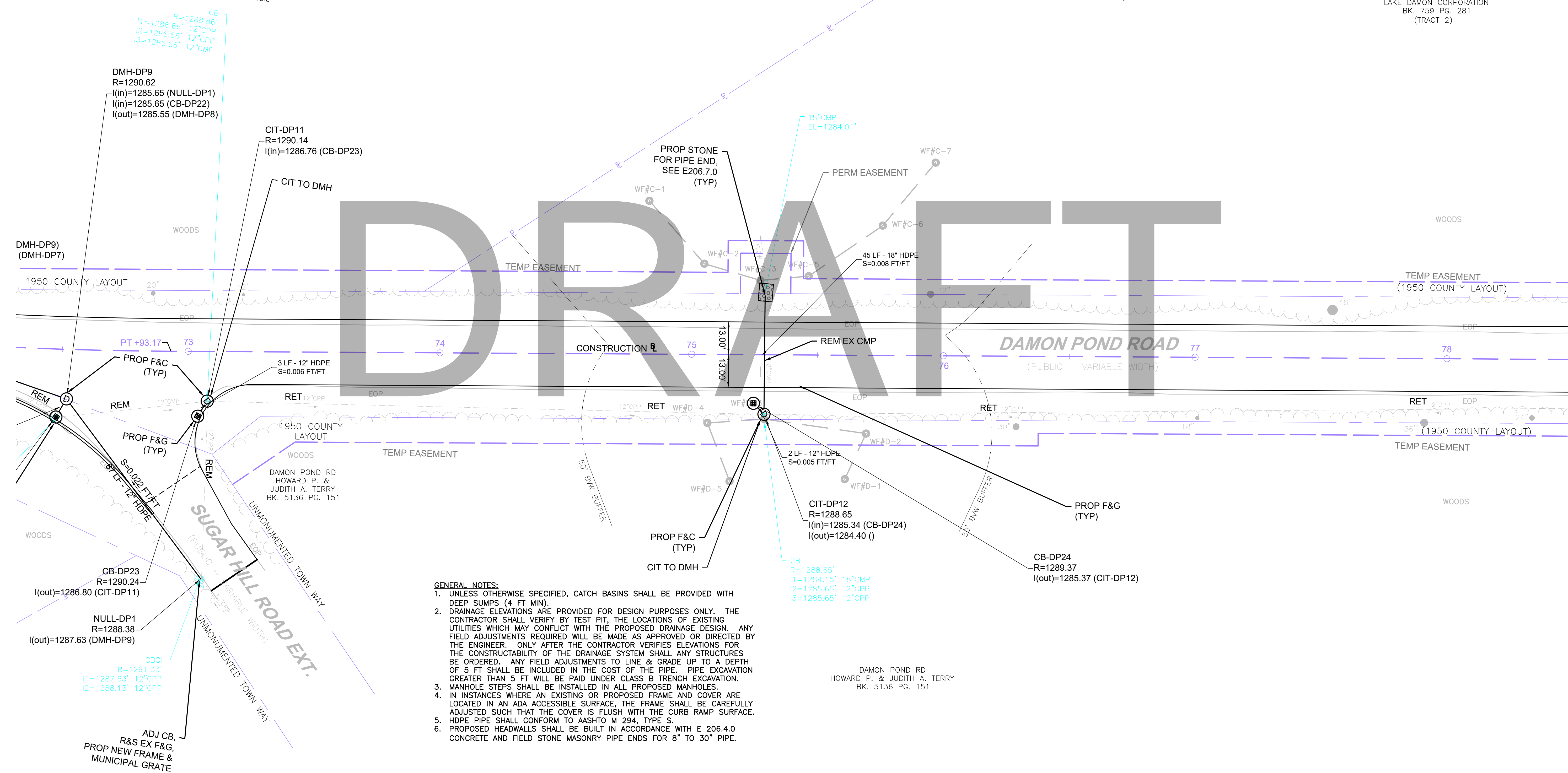
4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 1)
AREA=270 ACRES±

4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 2)

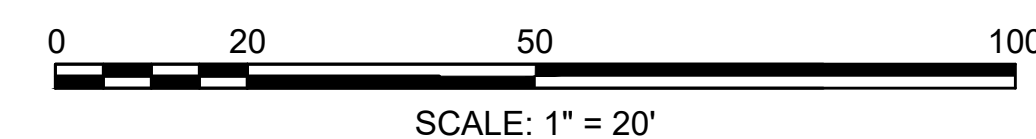


CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB



- GENERAL NOTES:**
- UNLESS OTHERWISE SPECIFIED, CATCH BASINS SHALL BE PROVIDED WITH DEEP SUMPS (4 FT MIN).
 - DRAINAGE ELEVATIONS ARE PROVIDED FOR DESIGN PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY BY TEST PIT, THE LOCATIONS OF EXISTING UTILITIES WHICH MAY CONFLICT WITH THE PROPOSED DRAINAGE DESIGN. ANY FIELD ADJUSTMENTS REQUIRED WILL BE MADE AS APPROVED OR DIRECTED BY THE ENGINEER. ONLY AFTER THE CONTRACTOR VERIFIES ELEVATIONS FOR THE CONSTRUCTABILITY OF THE DRAINAGE SYSTEM SHALL ANY STRUCTURES BE ORDERED. ANY FIELD ADJUSTMENTS TO LINE & GRADE UP TO A DEPTH OF 5 FT SHALL BE INCLUDED IN THE COST OF THE PIPE. PIPE EXCAVATION GREATER THAN 5 FT WILL BE PAID UNDER CLASS B TRENCH EXCAVATION.
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 - HDPE PIPE SHALL CONFORM TO AASHTO M 294, TYPE S.
 - PROPOSED HEADWALLS SHALL BE BUILT IN ACCORDANCE WITH E 206.4.0 CONCRETE AND FIELD STONE MASONRY PIPE ENDS FOR 8" TO 30" PIPE.

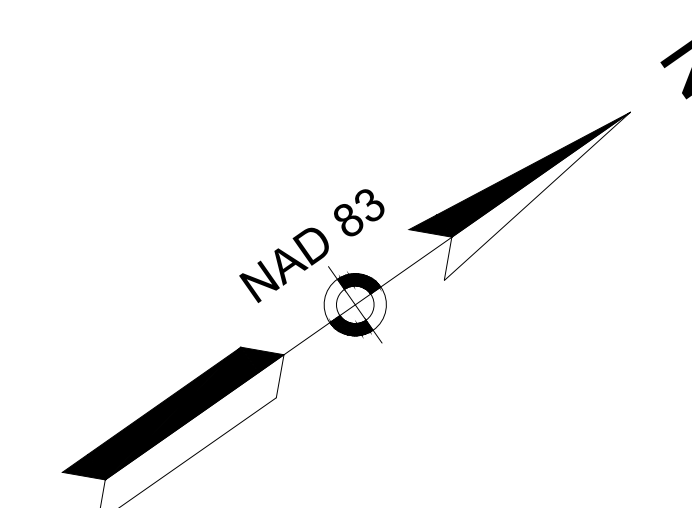


**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	154	282
PROJECT FILE NO.		608886	

**UTILITY PLANS
SHEET 22 OF 24**

DRAINAGE STRUCTURE TABLE - DAMON POND RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-DP26	82+28.26	19.58 R	1302.17		I=1298.12' (CIT-DP14)	
CIT-DP14	82+36.05	32.56 R	1301.82	I=1298.04' (CB-DP26)		



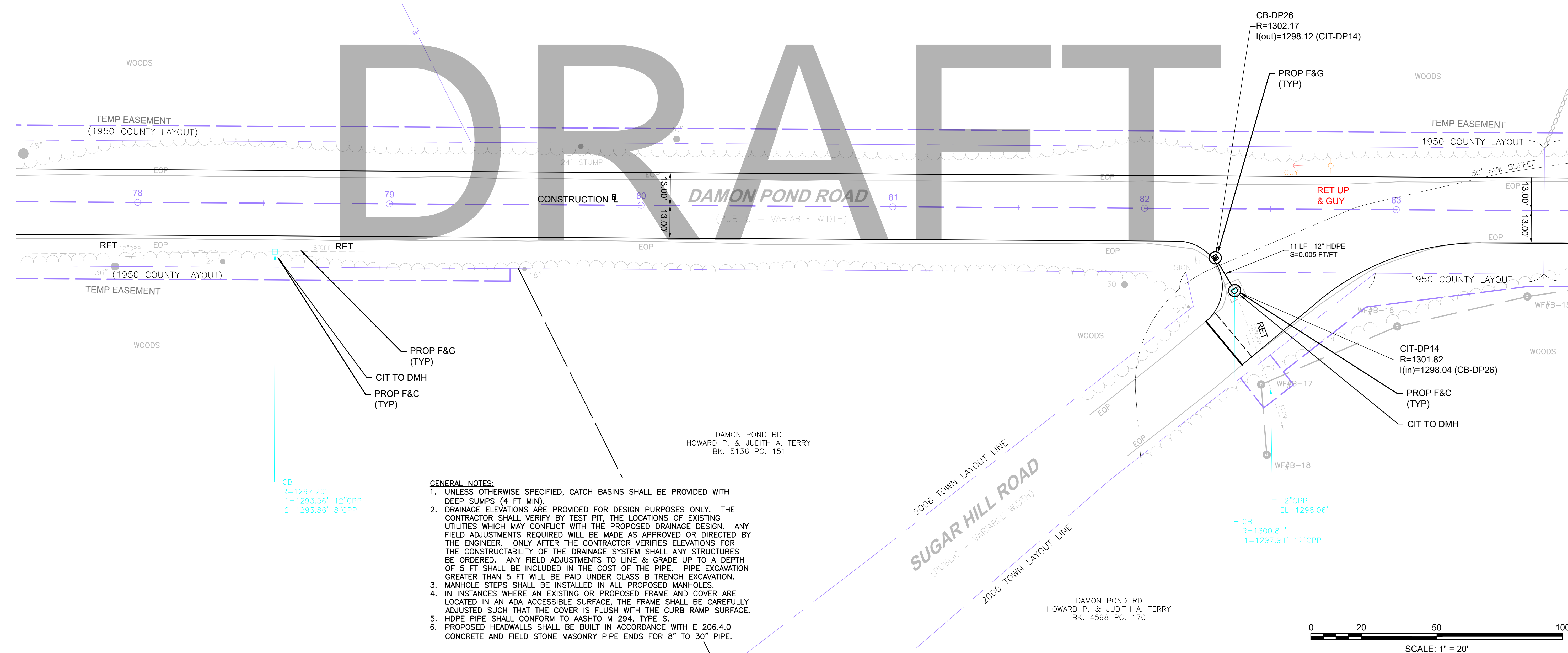
4 FARMHOUSE ROAD
LAKE DAMON CORPORATION
BK. 759 PG. 281
(TRACT 2)

4 FARMHOUSE RD
LAKE DAMON CORPORATION
BK. 759 PG. 281

DRAFT

CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB

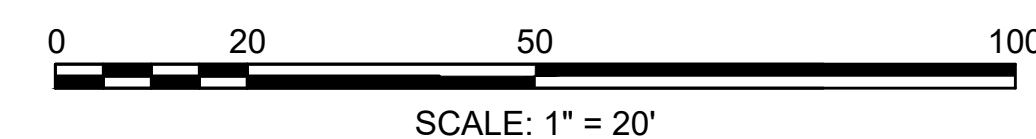


GENERAL NOTES:

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- PROPOSED HEADWALLS SHALL BE BUILT IN ACCORDANCE WITH E 206.4.0 CONCRETE AND FIELD STONE MASONRY PIPE ENDS FOR 8" TO 30" PIPE.

CB
R=1297.26'
I1=1293.56' 12"CPP
I2=1293.86' 8"CPP

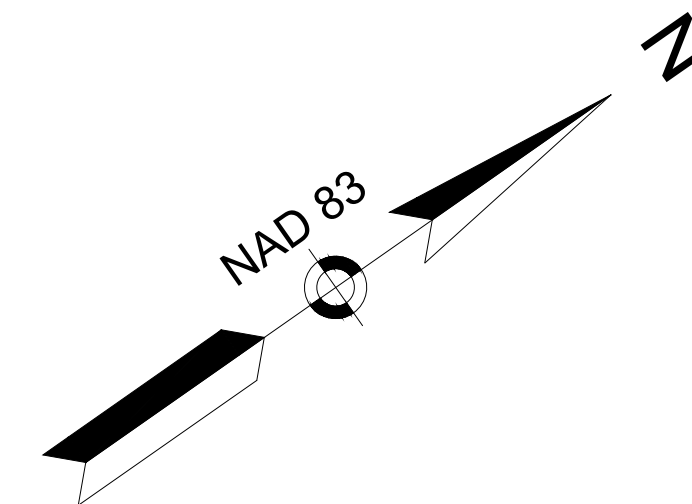
CB
R=1300.81'
I1=1297.94' 12"CPP
EL=1298.06'



DAMON POND RD
HOWARD P. & JUDITH A. TERRY
BK. 4598 PG. 170

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	155	282
PROJECT FILE NO.		608886	

DRAINAGE STRUCTURE TABLE - DAMON POND RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-DP26	82+28.26	19.58 R	1302.17		I=1298.12' (CIT-DP14)	
CIT-DP14	82+36.05	32.56 R	1301.82	I=1298.04' (CB-DP26)		
HW-DP8B	87+84.38	20.74 R	1296.58		I=1294.00' (HW-DP8A)	
HW-DP8A	87+87.15	22.63 L	1295.58	I=1293.00' (HW-DP8B)		

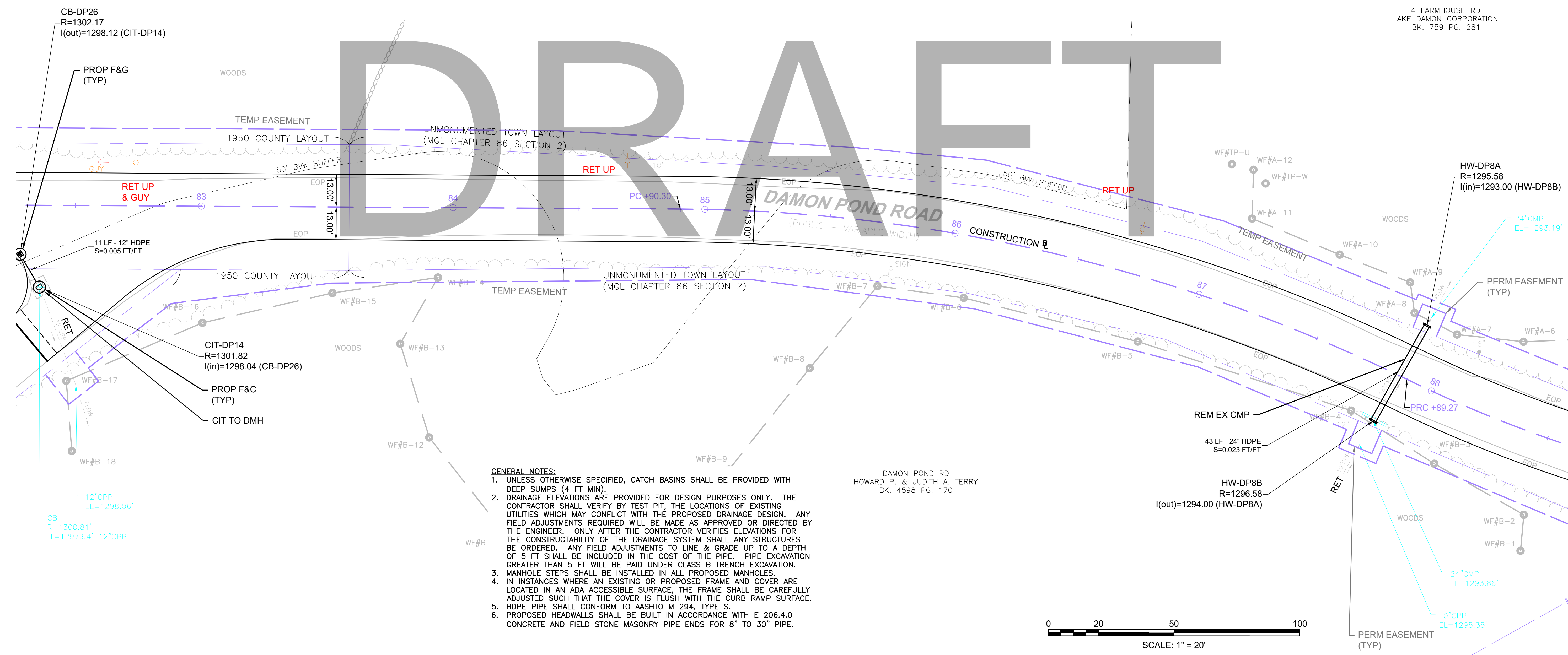


4 FARMHOUSE RD
LAKE DAMON CORPORATION
BK. 759 PG. 281

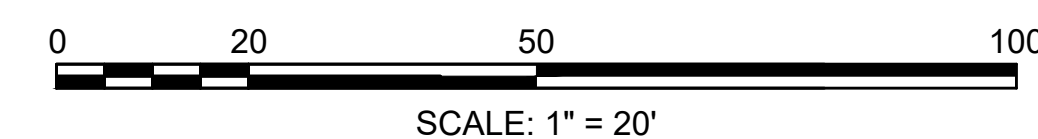
4 FARMHOUSE RD
LAKE DAMON CORPORATION
BK. 759 PG. 281

CONTINUED ON
SHEET NO. AAA

CONTINUED ON
SHEET NO. BBB

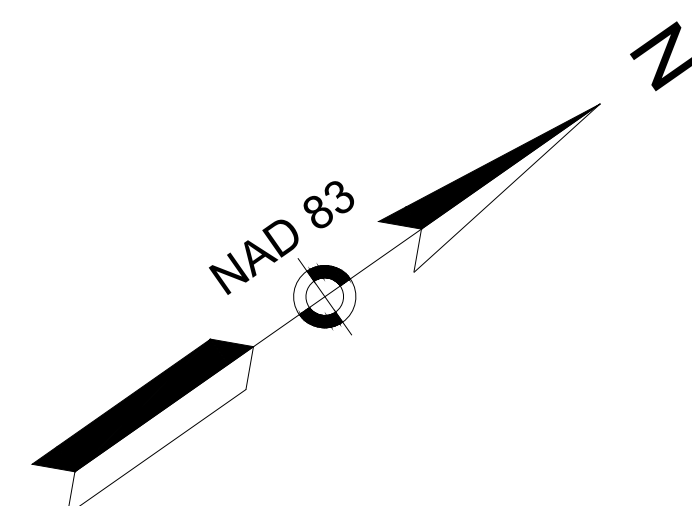


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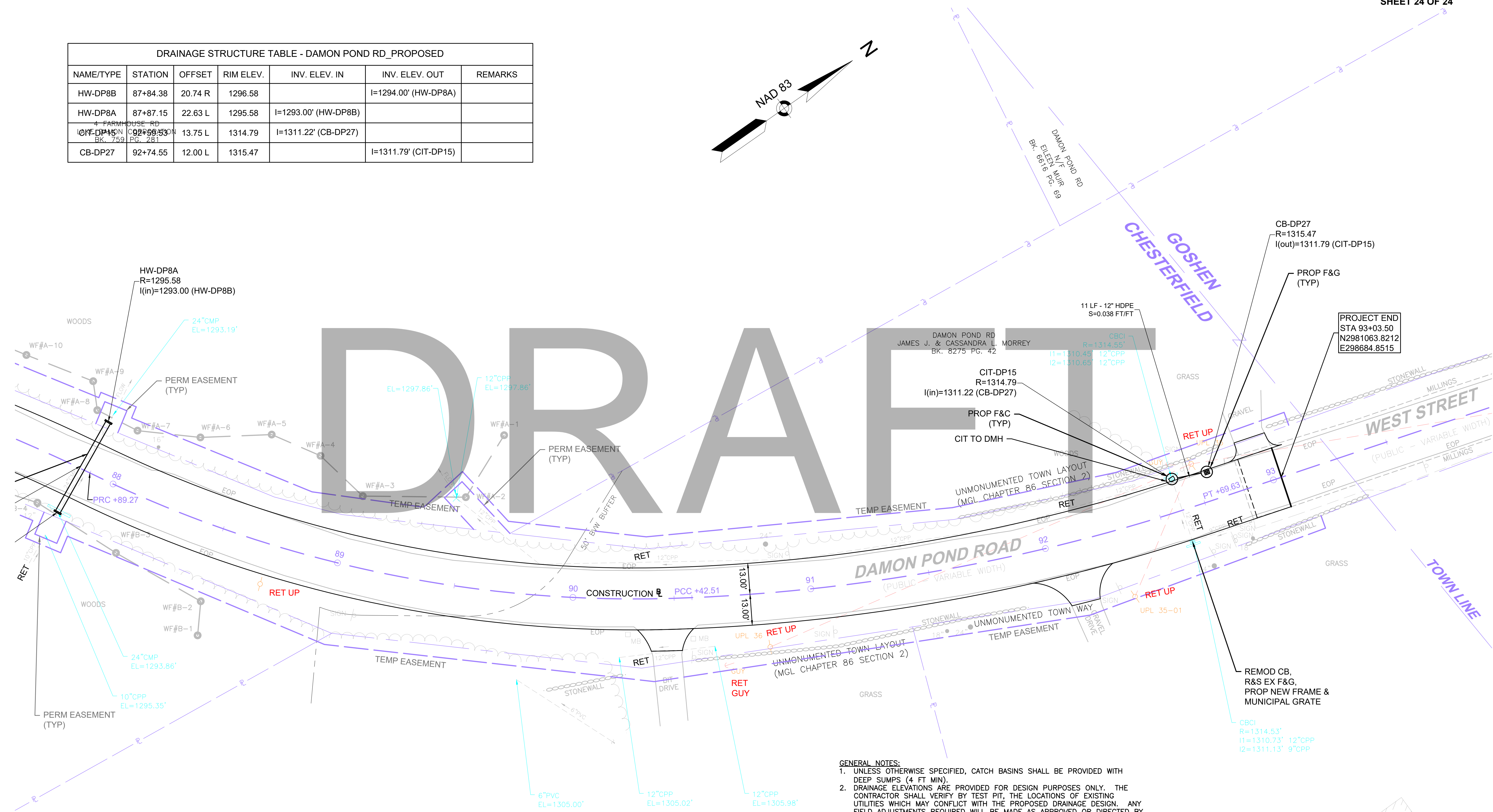


STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	156	282
PROJECT FILE NO.		608886	

DRAINAGE STRUCTURE TABLE - DAMON POND RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
HW-DP8B	87+84.38	20.74 R	1296.58		I=1294.00' (HW-DP8A)	
HW-DP8A	87+87.15	22.63 L	1295.58	I=1293.00' (HW-DP8B)		
CIT-DP15	92+69.53	13.75 L	1314.79	I=1311.22' (CB-DP27)		
CB-DP27	92+74.55	12.00 L	1315.47		I=1311.79' (CIT-DP15)	



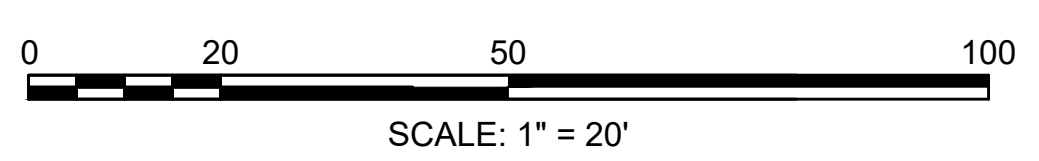
CONTINUED ON
SHEET NO. AAA



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153 DAMON POND RD
KATHLEEN ANN SULLIVAN &
JAN CHRISTINE SULLIVAN TRUSTEES OF THE
BARBARA J. SULLIVAN IRREVOCABLE TRUST
BK. 8847 PG. 29

157 DAMON POND RD
JANE M. HARPOLE
BK. 7716 PG. 341



**CHESTERFIELD
NORTH ROAD & DAMON POND ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	157	282
PROJECT FILE NO.		608886	

**UTILITY PLANS
DRAINAGE TABLES**

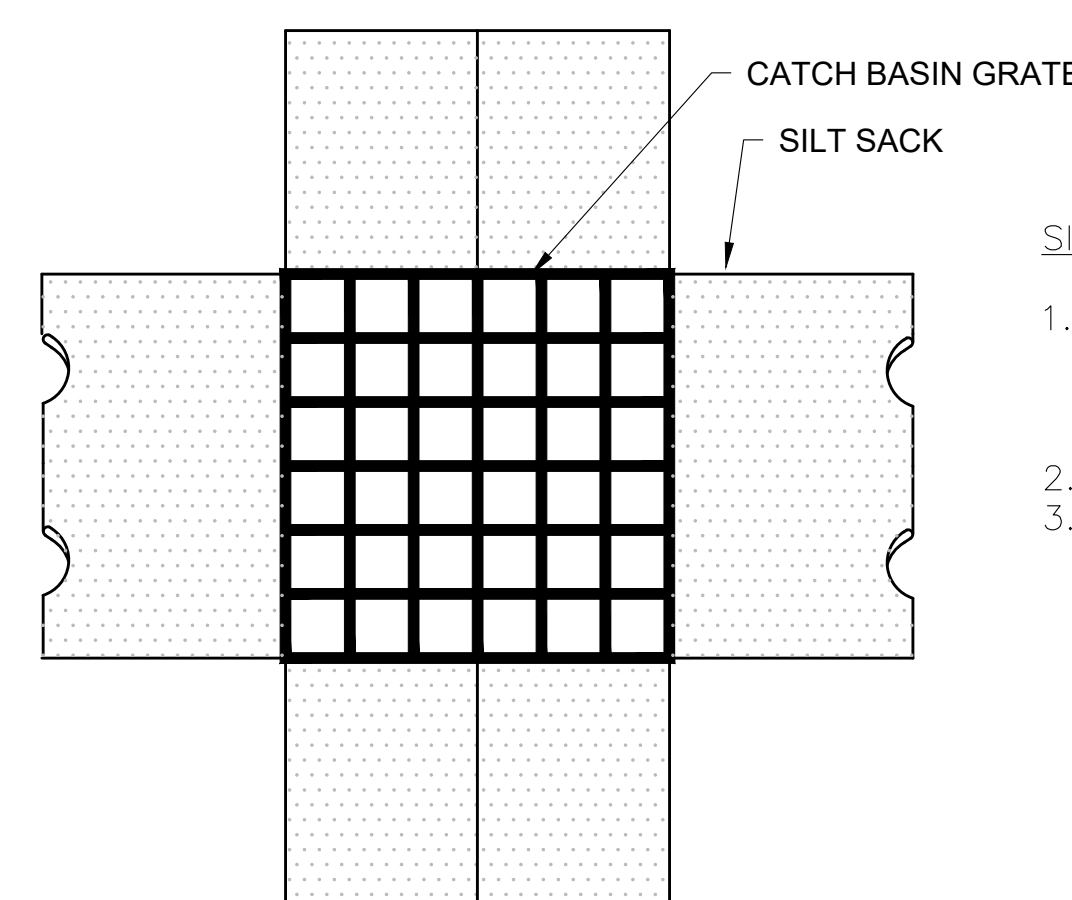
DRAINAGE STRUCTURE TABLE - NORTH RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-N10	109+79.31	21.44 L	1406.65		I=1404.50' ()	
CB-N1	111+51.95	16.68 L	1398.90		I=1395.00' ()	
GI-N1	113+26.53	17.48 L	1391.55		I=1389.05' ()	
CB-N2	117+94.68	22.85 L	1381.26	I=1379.32' ()		
CIT-N1	119+20.18	19.40 L	1377.73		I=1373.00' ()	
CB-N3	120+49.91	12.00 L	1373.70		I=1369.00' (DMH-N1)	
DMH-N1	120+93.07	5.00 L	1371.64	I=1367.10' (CB-N3)	I=1367.00' (DMH-N2)	
CB-N4	122+88.84	18.62 L	1358.27		I=1354.50' (DMH-N2)	
DMH-N2	123+00.41	5.00 L	1358.03	I=1354.10' (DMH-N1) I=1354.10' (CB-N4)	I=1354.00' ()	
CB-N5	124+64.92	19.07 L	1345.60		I=1341.50' ()	
CB-N6	126+68.52	17.31 L	1332.21		I=1328.00' ()	
CB-N7	128+43.10	17.30 L	1320.56		I=1316.00' ()	
HW-N1A	131+21.14	19.24 L	1304.58		I=1296.50' (HW-N1B)	
HW-N1B	131+29.86	26.01 R	1297.08	I=1294.50' (HW-N1A)		
HW-N3	134+34.28	18.07 L	1289.34			
HW-N4	134+79.27	19.53 L	1291.06		I=1289.00' ()	
HW-N2B	141+13.07	27.18 R	1293.03	I=1289.74' (HW-N2A)		
HW-N2A	141+31.71	22.00 L	1295.29		I=1292.00' (HW-N2B)	
CB-N8	145+21.70	19.01 L	1316.60		I=1313.00' (CIT-N2)	
CIT-N2	145+24.21	14.67 L	1317.22	I=1312.80' (CB-N8)		
CB-N9	147+74.74	19.00 L	1331.48		I=1327.00' (CIT-N3)	
CIT-N3	147+77.93	14.05 L	1332.63	I=1326.65' (CB-N9) I=1328.00' (CIT-N4)		
CIT-N4	148+02.22	22.96 R	1333.56	I=1329.50' ()	I=1329.40' (CIT-N3)	

- NOTES:
1. STRUCTURES WITH A SUFFIX BEGINNING WITH "N" CORRESPOND TO NORTH ROAD NETWORK STRUCTURES. STRUCTURES WITH A SUFFIX BEGINNING WITH "DP" CORRESPOND TO DAMON POND ROAD NETWORK STRUCTURES.

DRAINAGE STRUCTURE TABLE - DAMON POND RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-DP2	16+49.09	11.99 L	1323.61		I=1318.17' (CIT-DP1)	
CB-DP1	16+57.16	11.99 R	1322.86		I=1317.50' (CIT-DP1)	
CIT-DP1	16+58.97	13.54 L	1322.72	I=1317.35' (CB-DP1) I=1317.37' (CB-DP2)		
CB-DP3	18+34.80	11.99 R	1306.67		I=1301.00' (CIT-DP2)	
CIT-DP2	18+50.33	12.73 L	1305.45	I=1300.50' (CB-DP3) I=1300.50' (SUMP-DP1)		
SUMP-DP1	18+54.42	5.00 L	1305.30	I=1300.92' (GI-DP1)	I=1300.80' (CIT-DP2)	
GI-DP1	18+58.80	12.00 L	1304.84		I=1301.96' (SUMP-DP1)	
HW-DP1A	20+41.41	18.07 L	1295.38		I=1292.80' (DMH-DP10)	
DMH-DP10	20+42.70	13.15 L	1296.87	I=1292.50' (HW-DP1A) I=1291.80' ()	I=1291.60' (HW-DP1B)	
HW-DP1B	20+52.04	22.35 R	1290.46	I=1290.60' (DMH-DP10)		
HW-DP2B	21+23.50	18.47 R	1292.06	I=1290.00' (HW-DP2A)		
HW-DP2A	21+24.51	18.42 L	1294.16		I=1292.10' (HW-DP2B)	
CIT-DP3	22+44.33	23.90 L	1300.13	I=1297.17' (CB-DP4)		
CB-DP4	22+48.52	17.11 L	1299.93		I=1297.25' (CIT-DP3)	
CB-DP5	23+80.54	14.94 L	1300.88			
CB-DP6	25+08.66	12.00 L	1294.64		I=1289.00' (CIT-DP4)	
CIT-DP4	25+12.81	15.47 L	1294.47	I=1288.92' (CB-DP6)		
CB-DP7	26+22.50	12.00 L	1288.76		I=1284.50' (CIT-DP5)	
CIT-DP5	26+26.64	17.55 L	1287.78	I=1284.19' (CB-DP7)	I=1284.09' ()	
HW-DP3B	29+45.46	24.92 R	1258.70	I=1258.21' (HW-DP3A)		
HW-DP3A	29+71.63	18.77 L	1262.61		I=1260.49' (HW-DP3B)	
CB-DP8	32+21.01	16.20 L	1271.54		I=1266.50' (CIT-DP6)	
CIT-DP6	32+23.65	11.91 L	1271.42	I=1266.40' (CB-DP8)		
CB-DP9	37+93.98	17.67 L	1273.07		I=1268.30' (CIT-DP8)	
CB-DP10	40+27.71	11.29 L	1251.62		I=1246.90' (DMH-DP1)	
CB-DP11	40+32.69	12.06 R	1251.05		I=1246.29' (DMH-DP1)	
DMH-DP1	40+36.02	5.28 L	1250.81	I=1246.50' (CB-DP10) I=1246.00' (CB-DP11)	I=1245.90' (CIT-DP8)	
CIT-DP8	40+37.86	14.41 L	1250.56	I=1245.00' (CB-DP9) I=1245.70' (DMH-DP1)		
CB-DP12	44+01.25	12.00 R	1218.76		I=1214.50' (DMH-DP2)	
HW-DP4	44+06.25	17.19 L	1216.56		I=1214.84' (DMH-DP2)	
DMH-DP2	44+17.15	5.00 R	1218.56	I=1214.10' (HW-DP4) I=1211.60' (DMH-DP3) I=1214.10' (CB-DP12)	I=1211.50' (HW-DP5)	
HW-DP5	44+23.06	41.78 R	1212.32	I=1209.74' (DMH-DP2)		
CB-DP13	45+04.61	11.99 L	1217.48		I=1213.00' (DMH-DP3)	
DMH-DP3	45+04.78	5.00 R	1217.62	I=1212.50' (CB-DP13) I=1212.50' (CB-DP14)	I=1212.40' (DMH-DP2)	
CB-DP14	45+04.85	11.96 R	1217.48		I=1213.00' (DMH-DP3)	

DRAINAGE STRUCTURE TABLE - DAMON POND RD_PROPOSED						
NAME/TYPE	STATION	OFFSET	RIM ELEV.	INV. ELEV. IN	INV. ELEV. OUT	REMARKS
CB-DP15	51+00	12.00 L	1211.91		I=1207.50' (DMH-DP4)	
HW-DP6	51+18.48	19.51 R	1208.40	I=1204.36' (DMH-DP4)		
DMH-DP4	51+32.29	5.00 L	1212.53	I=1205.10' (CIT-DP9) I=1206.00' (CB-DP16) I=1206.00' (CB-DP15)	I=1205.00' (HW-DP6)	
CIT-DP9	51+48.55	31.32 L	1212.00		I=1206.01' (DMH-DP4)	
CB-DP16	51+62.89	12.00 L	1212.95		I=1208.00' (DMH-DP4)	
DMH-DP11	52+60.20	18.20 L	1217.38			
CIT-DP10	53+57.05	18.88 L	1221.50	I=1216.34' (CB-DP17)		
CB-DP17	53+57.51	12.00 L	1222.13		I=1216.89' (CIT-DP10)	
HW-DP7A	58+83.87	18.70 L	1225.05		I=1223.84' (HW-DP7B)	
HW-DP7B	58+84.12	22.68 R	1225.06	I=1223.69' (HW-DP7A)		
CB-DP18	62+67.60	11.94 R	1240.46		I=1235.00' ()	
DMH-DP5	66+72.22	5.00 R	1266.19	I=1262.10' (CB-DP19) I=1262.01' (DMH-DP6)	I=1262.00' ()	
CB-DP19	66+74.30	12.00 R	1266.14		I=1262.14' (DMH-DP5)	
CB-DP20	68+00	12.00 R	1271.68		I=1267.74' (DMH-DP6)	
DMH-DP6	68+00	5.00 R	1271.85	I=1267.70' (DMH-DP7) I=1267.70' (CB-DP20)	I=1267.60' (DMH-DP5)	
CB-DP21	70+00	12.00 R	1282.19		I=1277.58' (DMH-DP7)	
DMH-DP7	70+00	5.00 R	1281.98	I=1277.54' (DMH-DP8) I=1277.54' (CB-DP21)	I=1277.44' (DMH-DP6)	
DMH-DP8	72+03.22	5.00 R	1289.90	I=1285.29' (DMH-DP9)	I=1285.20' (DMH-DP7)	
CB-DP22	72+48.53	27.08 R	1290.67		I=1285.82' (DMH-DP9)	
DMH-DP9	72+52.41	19.75 R	1290.62	I=1285.65' (NULL-DP1) I=1285.65' (CB-DP22)	I=1285.55' (DMH-DP8)	
CB-DP23	73+04.13	25.80 R	1290.24		I=1286.80' (CIT-DP11)	
NULL-DP1	73+05.75	90.51 R	1288.38		I=1287.63' (DMH-DP9)	
CIT-DP11	73+07.84	19.80 R	1290.14	I=1286.76' (CB-DP23)		
CB-DP24	75+24.76	19.41 R	1289.37		I=1285.37' (CIT-DP12)	
CIT-DP12	75+28.98	23.72 R	1288.65	I=1285.34' (CB-DP24)	I=1284.40' ()	
CB-DP26	82+28.26	19.58 R	1302.17		I=1298.12' (CIT-DP14)	
CIT-DP14	82+36.05	32.56 R	1301.82	I=1298.04' (CB-DP26)		
HW-DP8B	87+84.38	20.74 R	1296.58		I=1294.00' (HW-DP8A)	
HW-DP8A	87+87.15	22.63 L	1295.58	I=1293.00' (HW-DP8B)		
CIT-DP15	92+59.53	13.75 L	1314.79	I=1311.22' (CB-DP27)		
CB-DP27	92+74.55	12.00 L	1315.47		I=1311.79' (CIT-DP15)	

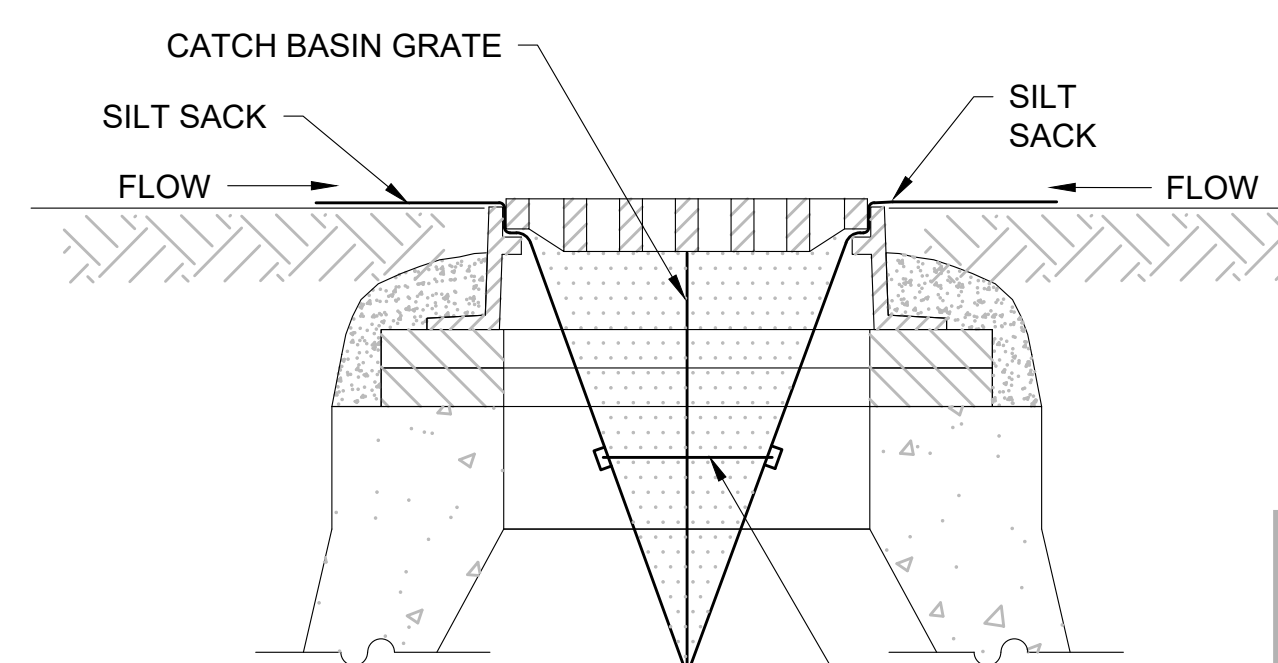
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	158	282
PROJECT FILE NO. 608886			



PLAN VIEW

SILT SACK SEDIMENT TRAP NOTES:

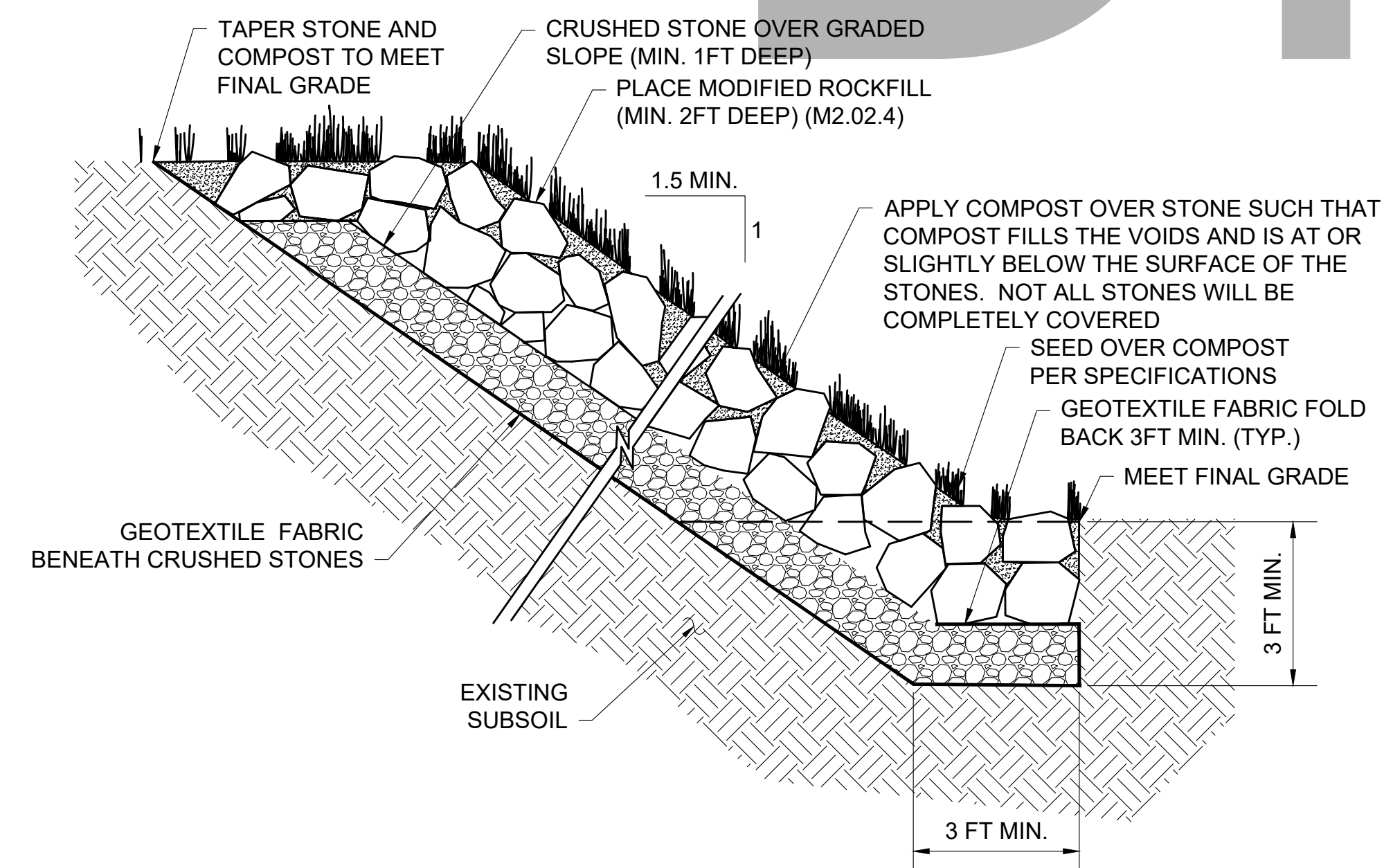
1. INSTALL SILT SACK IN ALL CATCH BASINS DOWNGRADE OF PROPOSED EXCAVATION AND DO NOT REMOVE UNTIL WORK IS COMPLETE AND GRASS IS ESTABLISHED.
2. GRATE TO BE PLACED OVER SILT SACK.
3. SILT SACK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.



SECTION VIEW

SILT SACK SEDIMENT TRAP

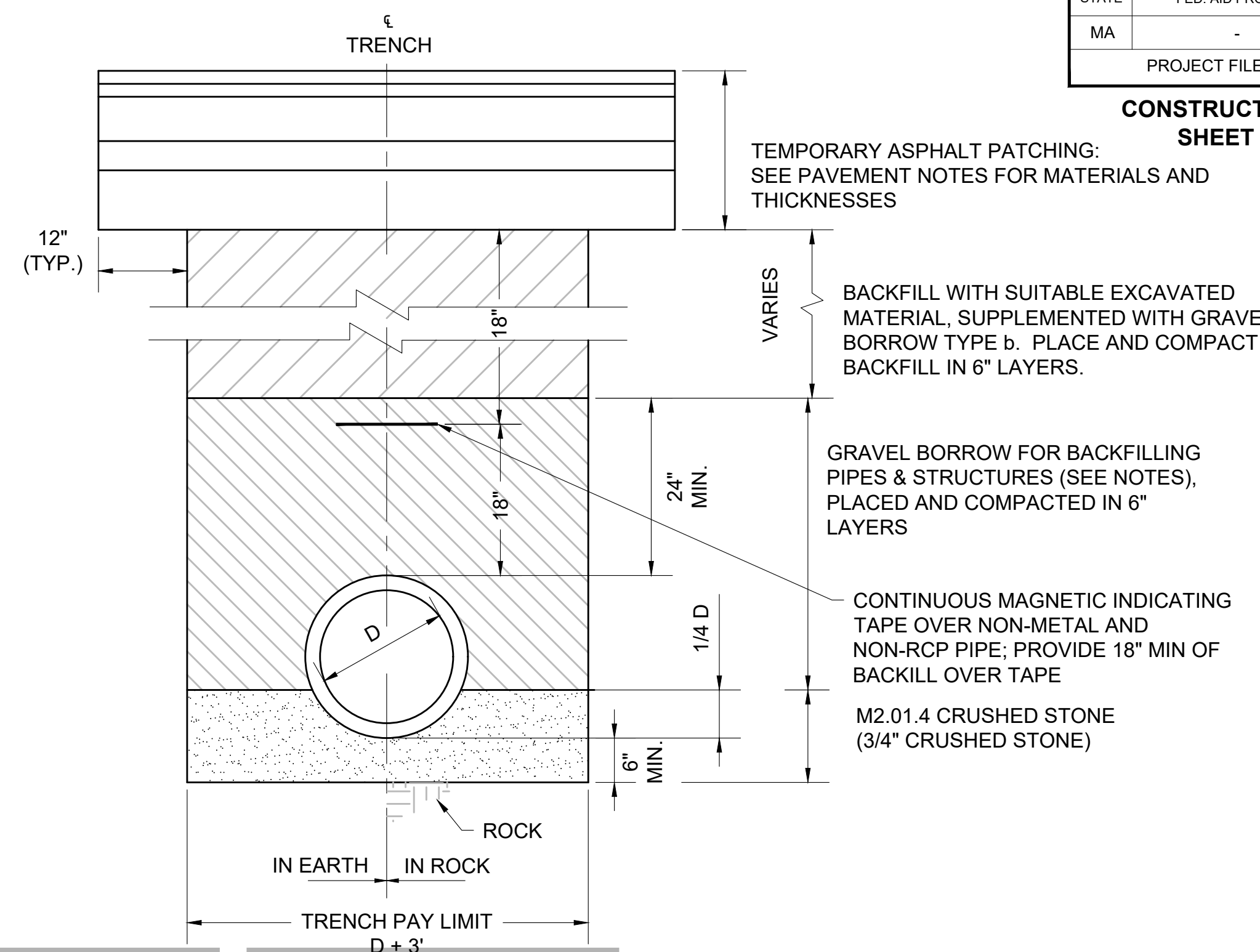
SCALE: NONE



COMPOST AND SEED OVER MODIFIED ROCKFILL

NOT TO SCALE

20160320_MassDOT

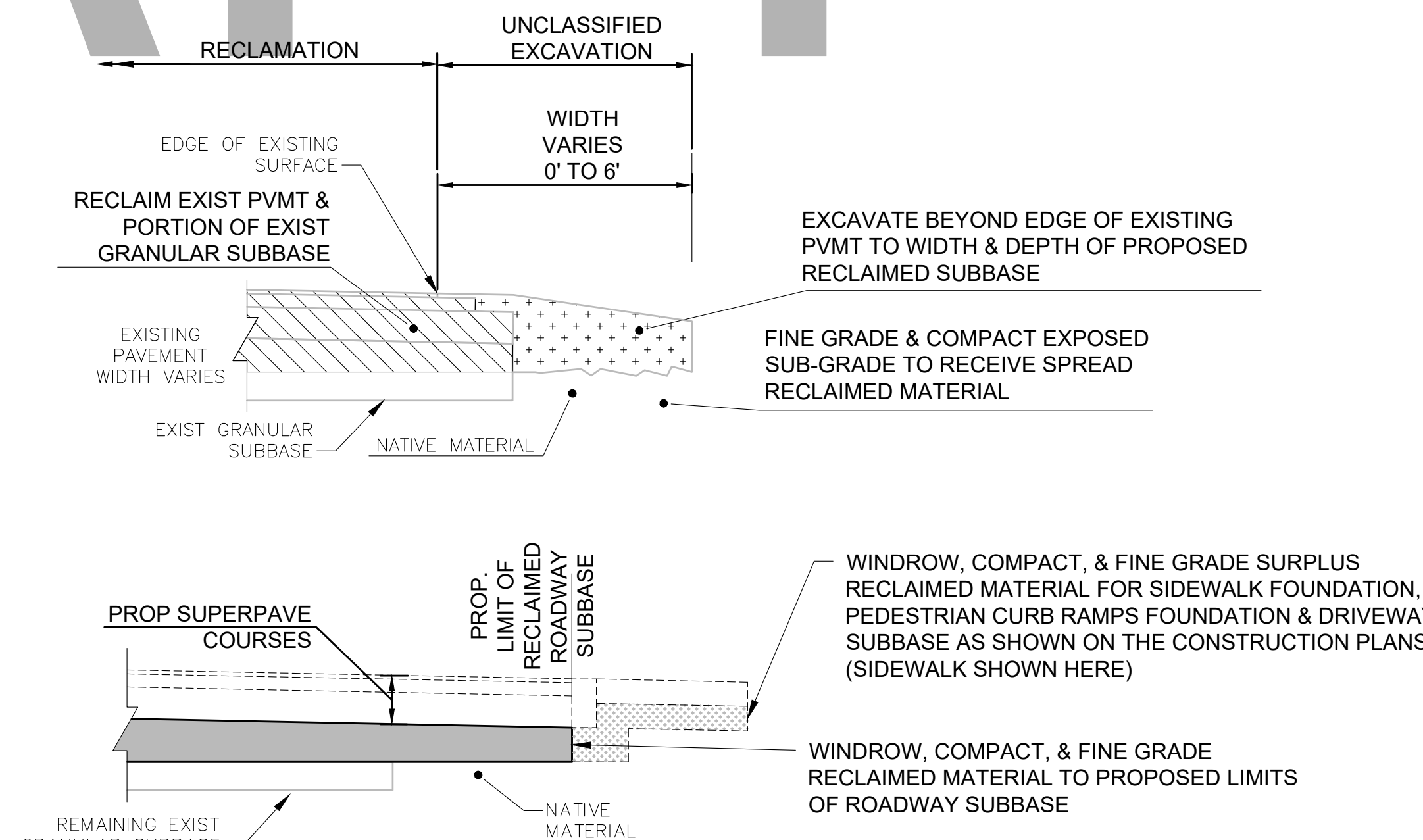


TYPICAL PIPE TRENCH DETAIL

SCALE: NONE

PIPE TRENCH NOTES:

1. THIS DETAIL DOES NOT INCLUDE TRENCHES FOR TRAFFIC SIGNAL CONDUIT.
2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
3. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER, AS AN ALTERNATIVE AND AT THE DISCRETION OF THE ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
4. BEDDING AND INITIAL BACKFILL: AS SHOWN IN THE DETAIL.
5. MINIMUM COVER: UNLESS OTHERWISE SHOWN OR SPECIFIED, MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 24" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION. FOR TRAFFIC APPLICATIONS, UNLESS OTHERWISE SHOWN OR SPECIFIED, MINIMUM COVER, H, IS 36" MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT. WHERE TRENCH TRAVERSES A MILL & PAVE AREA, BACKFILL TO BOTTOM OF SUBBASE.
6. PAVEMENT SUBBASE: FOR SHALLOW PIPES IN TRENCHES 4 FT OR WIDER, IF A MINIMUM OF 8 INCHES OF GRAVEL BORROW CANNOT BE PLACED UNDER THE PAVEMENT SUBBASE, THEN OMIT GRAVEL BORROW IN THE TRENCH AND BACKFILL TO THE BOTTOM OF THE FLEXIBLE PAVEMENT WITH DENSE GRADED CRUSHED STONE FOR SUBBASE AND COMPACT. FOR SHALLOW PIPES IN TRENCHES LESS THAN 4 FT WIDE, IF A MINIMUM OF 8 INCHES OF GRAVEL CANNOT BE PLACED, NOTIFY THE ENGINEER.
7. FOR NON-METAL AND NON-RCP PIPES, PLACE CONTINUOUS MAGNETIC INDICATING TAPE BETWEEN LIFTS OF BACKFILL. PROVIDE A MINIMUM OF 18" OF BACKFILL ON TOP OF THE TAPE. DO NOT PLACE RIGID OR FLEXIBLE PAVEMENT COURSES DIRECTLY OVER TAPE.



BOX WIDENING & EDGE OF ROAD TREATMENT IN RECLAMATION AREAS

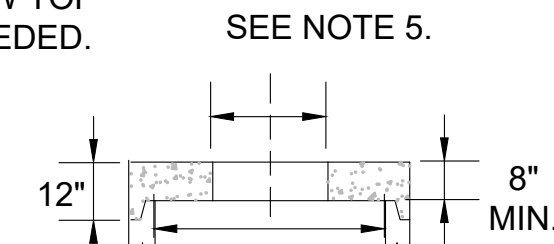
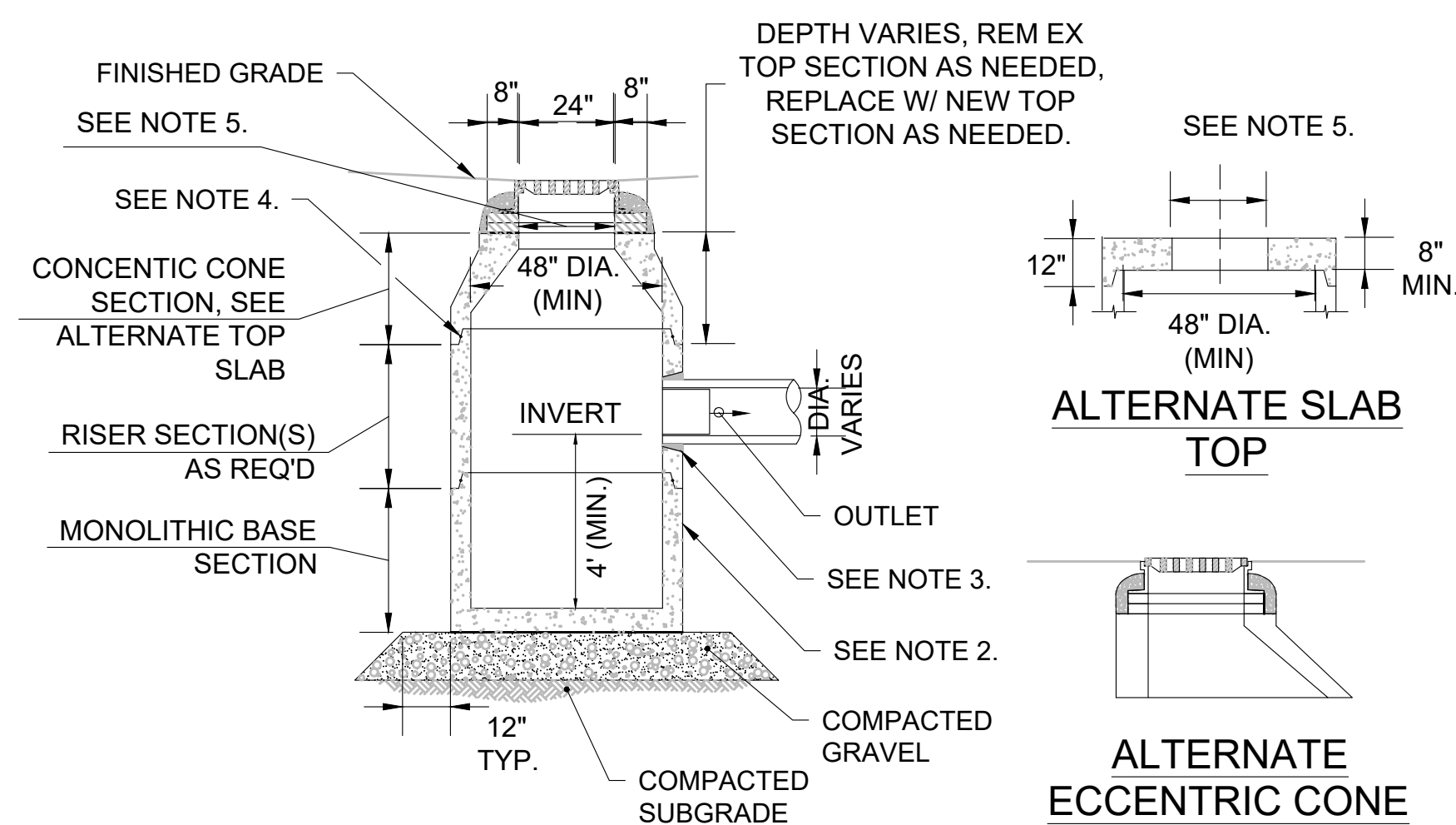
SCALE: NONE

RECLAMATION CONSTRUCTION SEQUENCE:

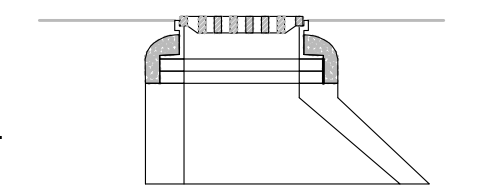
1. EXCAVATE BOX WIDENING AREA BEYOND EXISTING EDGE OF PAVEMENT.
2. PULVERIZE AND MIX EXISTING PAVEMENT WITHIN THE LIMIT OF THE EXISTING ROADWAY.
3. WINDROW EXCESS RECLAIMED BASE COURSE INTO EXCAVATED AREA FOR BOX WIDENING.
4. GRADE AND COMPACT RECLAIMED BASE COURSE.
5. PAVE TO THE WIDTHS & DEPTHS NOTED IN THE PAVEMENT NOTES & SPECIFICATIONS.
6. STOCKPILE SURPLUS SUITABLE RECLAIMED MATERIAL TO BE USED IN PLACE OF GRAVEL BORROW ELSEWHERE ON THE PROJECT.

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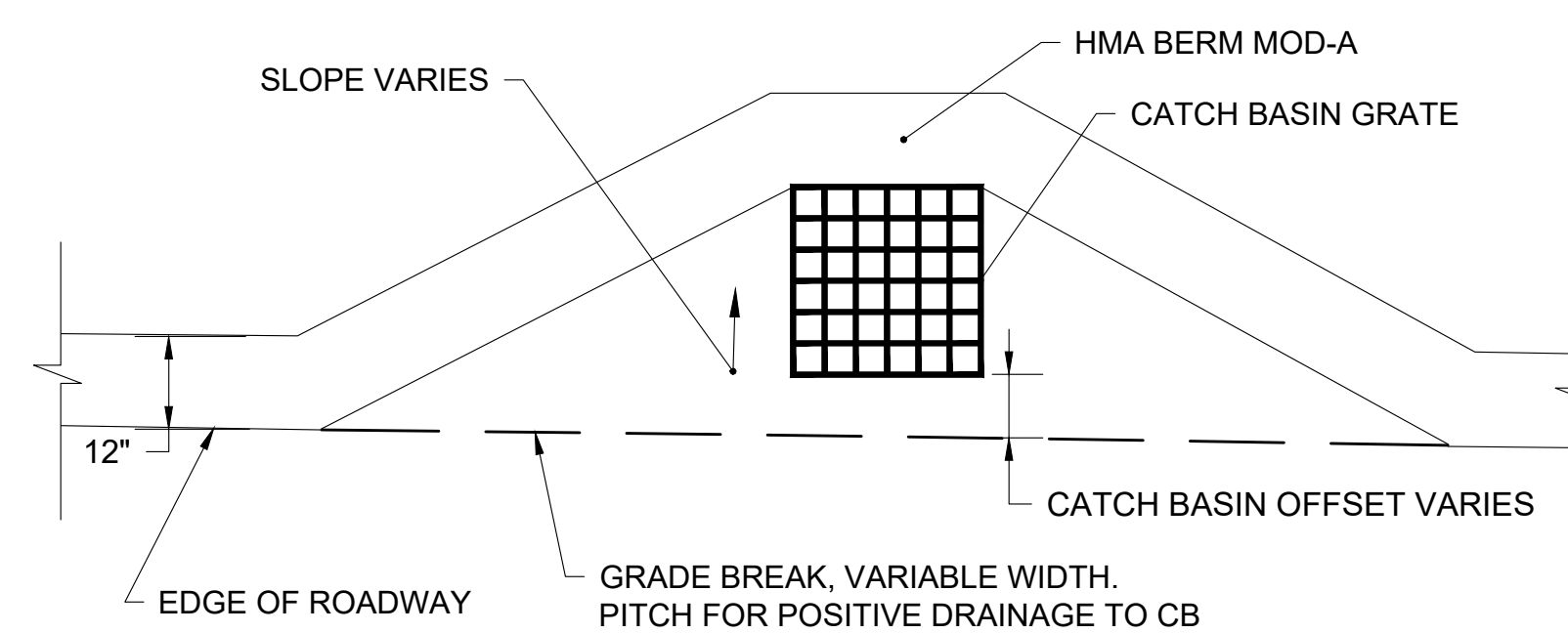
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	159	282
PROJECT FILE NO.		608886	



ALTERNATE SLAB TOP



ALTERNATE ECCENTRIC CONE SECTION



HMA BERM MOD-A AROUND OFFSET CATCH BASIN
SCALE: NONE

CATCH BASIN NOTES:

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
2. PROVIDE "V" KNOCKOUTS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
3. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
4. CATCH BASIN FRAME AND GRATE SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM).
5. OPENING IN TOP SLAB SHALL BE 24"x27" FOR CATCH BASINS WITH CURB INLETS. OPENING SHALL BE 24"x24" AT ALL OTHER LOCATIONS.

CATCH BASIN
SCALE: NONE

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