SURFSIDE AREA TRANSPORTATION ENHANCEMENTS

IN THE TOWN OF

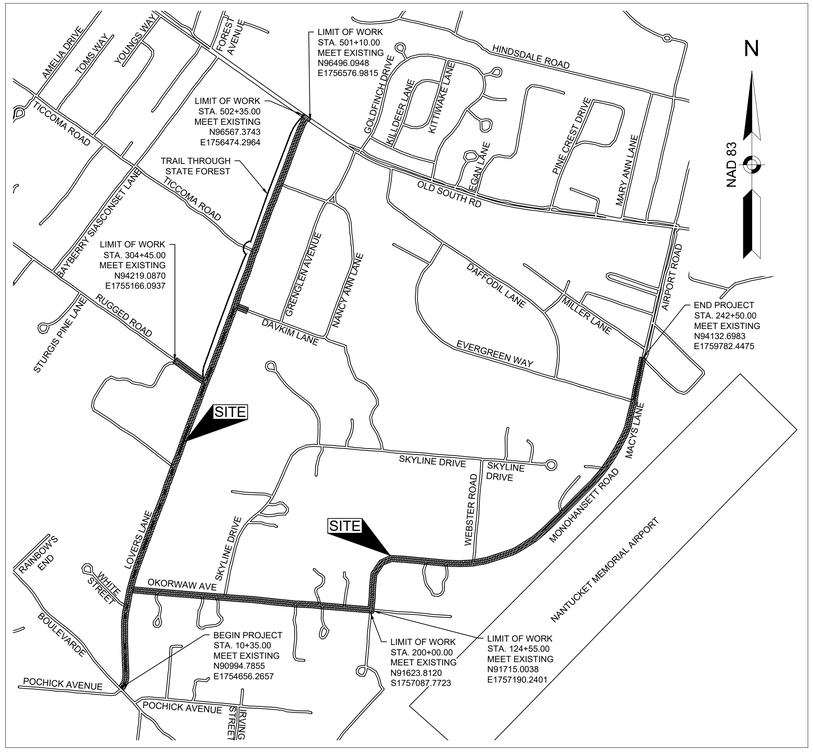
NANTUCKET

NANTUCKET COUNTY

FINAL PLAN SUBMISSION

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LOCATION MAP

500 0 500 1000 1500 2000

SCALE: 1" = 700'

LENGTH OF PROJECT = 125278.82 FEET = 2.382 MILES

THESE PLANS ARE SUPPLEMENTED BY THE MASSDOT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES (LATEST VERSION), 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.

TOWN OF NANTUCKET • MASS • INCORPORATED D. 1671

TOWN MANAGER
C. ELIZABETH GIBSON

SELECT BOARD
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BROOKE MOHR
THOMAS M. DIXON
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MALCOLM W. MACNAB

GPI Greenman-Pedersen, Inc.
Engineering & Construction Services
181 Ballardvale Street, Suite 202, Wilmington, MA 01887
Tel: (978) 570-2999 Fax: (978) 658-3044
http://www.gpinet.com

PREPARED FOR
TOWN OF NANTUCKET
16 BROAD STREET
NANTUCKET, MA 02554

SURFSIDE AREA TRANSPORTATION ENHANCEMENTS
LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MA 02554

REVISIONS		
NO.	REVISION	DATE

08/09/2023

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TITLE SHEET & INDEX

SCALE: AS NOTED

15119

1 OF 160

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GENERAL SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
JB	JB	JERSEY BARRIER
		LEACHING BASIN
CB		CATCH BASIN
		CATCH BASIN CURB INLET
FP	FP	FLAG POLE
GP	GP	GAS PUMP
MB	MB	MAIL BOX
		POST SQUARE
		POST CIRCULAR
WELL	WELL	WELL
EHH	EHH	ELECTRIC HANDHOLE
		FENCE GATE POST
GG	GG	GAS GATE
BHL #	BHL #	BORING HOLE
MW #	MW #	MONITORING WELL
TP #	TP #	TEST PIT
		HYDRANT
		LIGHT POLE
CO.BD.		TOWN BOUND
		GPS POINT
C	C	CABLE MANHOLE
D	D	DRAINAGE MANHOLE
E	E	ELECTRIC MANHOLE
G	G	GAS MANHOLE
M	M	MISC MANHOLE
S	S	SEWER MANHOLE
T	T	TELEPHONE MANHOLE
W	W	WATER MANHOLE
MHB	MHB	MASSACHUSETTS HIGHWAY BOUND
MON		MONUMENT
SB		STONE BOUND
TB		TOWN OR CITY BOUND
		TRAVERSE OR TRIANGULATION STATION
TPL or GUY	TPL or GUY	TROLLEY POLE OR GUY POLE
HTP		TRANSMISSION POLE
UFB	UFB	UTILITY POLE W/ FIREBOX
UPDL	UPDL	UTILITY POLE WITH DOUBLE LIGHT
ULT	ULT	UTILITY POLE W / 1 LIGHT
UPL	UPL	UTILITY POLE
		BUSH
SIZE & TYPE		TREE
		STUMP
		SWAMP / MARSH
WG	WG	WATER GATE
PM	PM	PARKING METER
		OVERHEAD CABLE/WIRE
		CURBING
100 99	100	CONTOURS
(LABELED)		UNDERGROUND DRAIN PIPE (DOUBLE LINE 24 INCH AND OVER)
(LABELED)		UNDERGROUND ELECTRIC DUCT (DOUBLE LINE 24 INCH AND OVER)
(LABELED)		UNDERGROUND GAS MAIN (DOUBLE LINE 24 INCH AND OVER)
(LABELED)		UNDERGROUND SEWER MAIN (DOUBLE LINE 24 INCH AND OVER)
(LABELED)		UNDERGROUND TELEPHONE DUCT (DOUBLE LINE 24 INCH AND OVER)
(LABELED)		UNDERGROUND WATER MAIN (DOUBLE LINE 24 INCH AND OVER)
		BALANCE STONE WALL
		GUARD RAIL - STEEL POSTS
		GUARD RAIL - WOOD POSTS
x	x	CHAIN LINK OR METAL FENCE
		WOOD FENCE
		HAY BALES/SILT FENCE/ COMPOST FILTER TUBE
		TREE LINE OR LIMIT OF CLEARING AND GRUBBING
		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

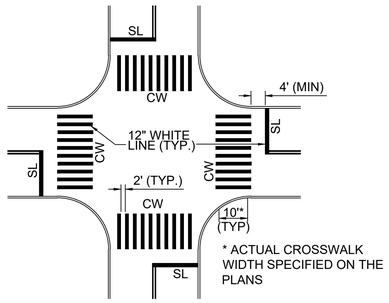
PAVEMENT MARKINGS SYMBOLS

EXISTING	PROPOSED	DESCRIPTION
		PAVEMENT ARROW - WHITE
ONLY	ONLY	LEGEND "ONLY" - WHITE
	SL	STOP LINE (12" WHITE)
	CW	CROSSWALK (12" OR 24")
	SWL	SOLID WHITE LINE (6" OR 12")
	SYL	SOLID YELLOW LINE (6" OR 12")
	BWL *	BROKEN WHITE LINE (6")
	BYL *	BROKEN YELLOW LINE (6")
	DWL ***	DOTTED WHITE LINE (6")
	DYL ***	DOTTED YELLOW LINE (6")
	DWLEx **	DOTTED WHITE LINE EXTENSION (6")
	DYLEx **	DOTTED YELLOW LINE EXTENSION (6")
	DBWL *	DOUBLE WHITE LINE (6")
	DBYL *	DOUBLE YELLOW LINE (6")

* BROKEN WHITE/YELLOW LINES TO BE 10' LINE SEGMENTS WITH 30' GAPS (TYP.) (BYL ON SHARED USE PATH TO BE 3' IN LENGTH WITH 9' GAP)

** DWLEx AND DYLEx LINES TO BE 2' IN LENGTH WITH 6' GAP (TYP.)

*** DWL AND DYL LINES TO BE 3' IN LENGTH WITH 9' GAP (TYP.)
(IF WIDE LINE IS SPECIFIED, THE WIDTH SHALL BE 12")



* ACTUAL CROSSWALK WIDTH SPECIFIED ON THE PLANS

TYPICAL CROSSWALK MARKINGS

NOT TO SCALE

GENERAL NOTES

1. THE BASEPLAN WAS COMPILED FROM DATA COLLETED VIA TRADITIONAL TOTAL STATION BY GPI IN FEBRUARY-APRIL 2018, AND SUPPLEMENTAL SURVEY OCTOBER-NOVEMBER 2022, AND APRIL 2023.
2. THE SURVEY CONTROL NETWORK WAS SET BY AN INSTRUMENT FIELD SURVEY PERFORMED BY GREENMAN-PEDERSEN, INC. (GPI) IN FEBRUARY, 2018.
3. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO LOCATE EXACTLY AND TO PRESERVE ANY AND ALL UNDERGROUND.UTILITIES. CALL "DIG-SAFE" 1-888-DIGSAFE (344-7233) AT LEAST 72 HOURS BEFORE COMMENCING CONSTRUCTION.
4. WHERE AN EXISTING UNDERGROUND UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
5. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.
6. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
7. THE TERM "PROPOSED" (PROP.) MEANS WORK TO BE CONSTRUCTED USING NEW MATERIALS, OR, WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS "REMOVE & RESET" (R&R).
8. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE RETAINED UNLESS NOTED OTHERWISE.
9. ALL PROPOSED PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
10. THE RIGHT-OF-WAY AND PROPERTY BOUNDARY WAS ESTABLISHED VIA CADASTRAL SURVEY, FOUND MONUMENTATION AND RECORD INFORMATION INCLUDING DEEDS, PLANS AND ASSESSORS INFORMATION OBTAINED AT THE NORFOLK COUNTY REGISTRY OF DEEDS, AND THE TOWN ENGINEERING AND ASSESSING DEPARTMENTS.
11. ALL TRANSVERSE JOINTS, AND ALL LONGITUDINAL JOINTS BETWEEN NEW SURFACE PAVEMENT AND EXISTING SURFACE PAVEMENT TO REMAIN SHALL BE COATED WITH A HOT POURED RUBBERIZED ASPHALT ADHESIVE MEETING THE REQUIREMENTS OF ITEM 453.
12. ALL DISTURBED AREAS NOT DESIGNATED TO BE PAVED SHALL HAVE LOAM BORROW PLACED AND SEEDED. THE LOAM BORROW SHALL HAVE A MINIMUM DEPTH OF 4 INCHES AND SHALL BE PLACED FLUSH WITH THE TOP OF THE ADJACENT CURB, EDGING, BERM OR PAVEMENT SURFACE.
13. THE LIMIT OF WORK AREA SHALL BE THE STREET RIGHT OF WAY UNLESS SHOWN OTHERWISE.
14. PRIOR TO THE START OF ANY NEW UTILITY WORK, ALL ELEVATIONS OF EXISTING UTILITIES IN THOSE AREAS ARE TO BE VERIFIED. THE ENGINEER IS TO BE NOTIFIED IMMEDIATELY SHOULD ANY DISCREPANCIES OCCUR.
15. ALL CASTINGS SHALL BE SET FLUSH WITH FINISHED GRADE.
16. ALL PUBLICLY OWNED GATE BOXES, SERVICE BOXES, MANHOLE FRAMES AND COVERS SHALL BE ADJUSTED TO GRADE BY THE CONTRACTOR.
17. ALL NEW SIDEWALK AND DRIVEWAY GRADES SHALL MATCH EXISTING GRADES AT BACK OF SIDEWALK LINE UNLESS SHOWN OTHERWISE ON THE PLANS AND CROSS SECTIONS.
18. THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO PROTECT ALL EXISTING TREES AND ROOTS THAT ARE NOT DESIGNATED FOR REMOVAL.
19. 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 AND GRADE UP TO A DEPTH OF 5 FEET SHALL BE INCLUDED IN THE COST OF THE PIPE. PIPE EXCAVATION GREATER THAN 5 FEET WILL BE PAID UNDER CLASS B TRENCH EXCAVATION.

GENERAL ABBREVIATIONS

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
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
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	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DW	STEADY DON'T WALK - PORTLAND ORANGE
DWY	DRIVEWAY
ELEV (or EL.)	ELEVATION
EMB	EMBANKMENT
EOG	EDGE OF GRAVEL
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
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
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
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
WCR	WHEEL CHAIR RAMP
WG	WATER GATE
WIP	WROUGHT IRON PIPE
WM	WATER METER/WATER MAIN
X-SECT	CROSS SECTION

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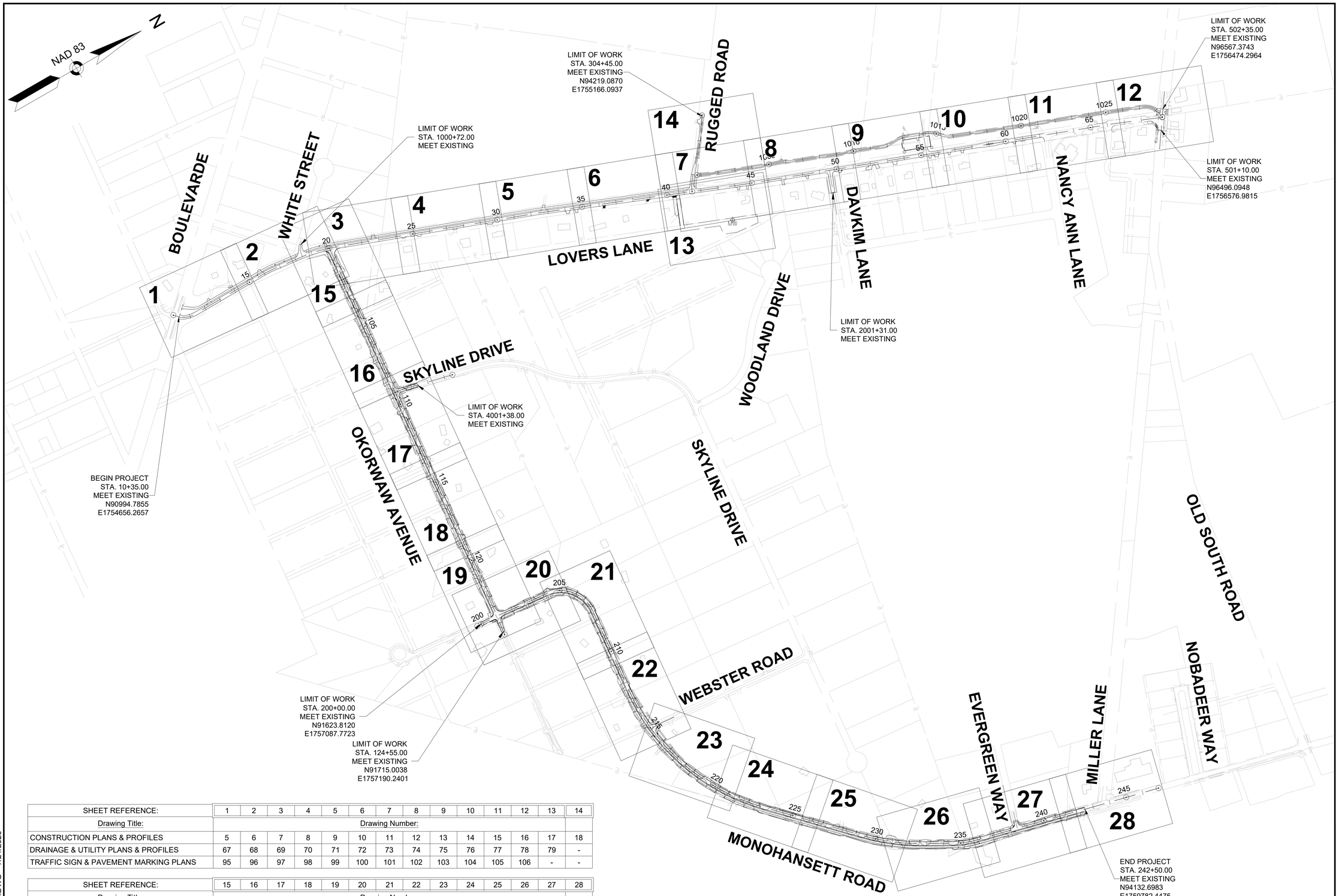
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NOTES LEGEND & ABBREVIATIONS

SCALE: -

15119

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SHEET REFERENCE:	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Drawing Title:	Drawing Number:													
CONSTRUCTION PLANS & PROFILES	5	6	7	8	9	10	11	12	13	14	15	16	17	18
DRAINAGE & UTILITY PLANS & PROFILES	67	68	69	70	71	72	73	74	75	76	77	78	79	-
TRAFFIC SIGN & PAVEMENT MARKING PLANS	95	96	97	98	99	100	101	102	103	104	105	106	-	-

SHEET REFERENCE:	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Drawing Title:	Drawing Number:													
CONSTRUCTION PLANS & PROFILES	19	20	21	22	23	24	25	26	27	28	29	30	31	32
DRAINAGE & UTILITY PLANS & PROFILES	80	81	82	83	84	85	86	87	88	89	90	91	92	93
TRAFFIC SIGN & PAVEMENT MARKING PLANS	107	108	109	110	111	112	113	114	115	116	117	118	119	120

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GPI Engineering Design Planning Construction Management
978.570.2999 GPINET.COM
Greenman-Pedersen, Inc.
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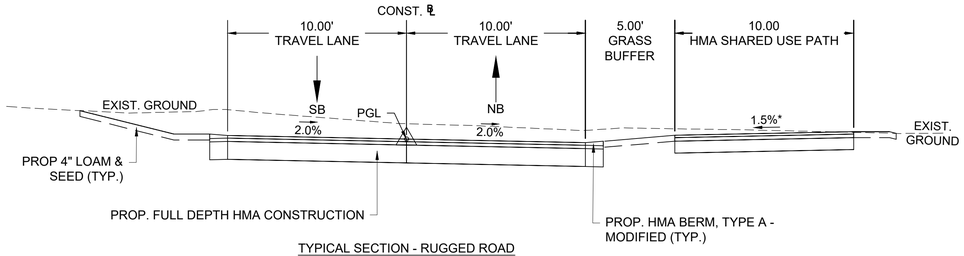
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KEY PLAN

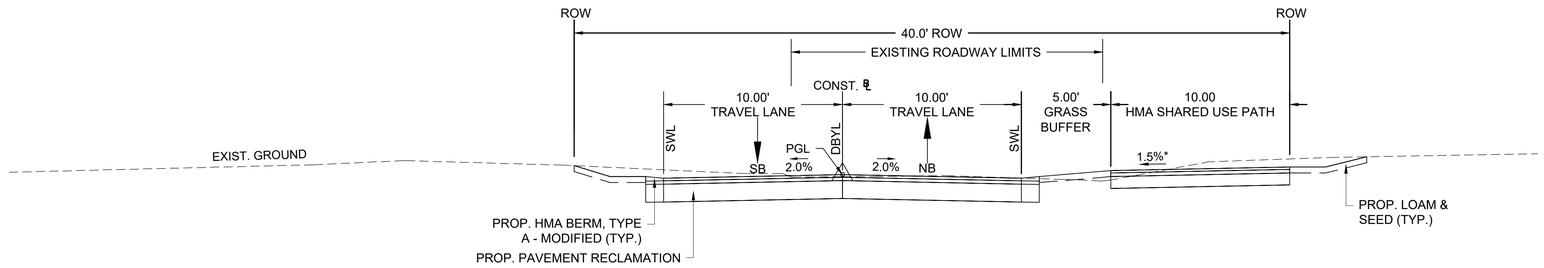
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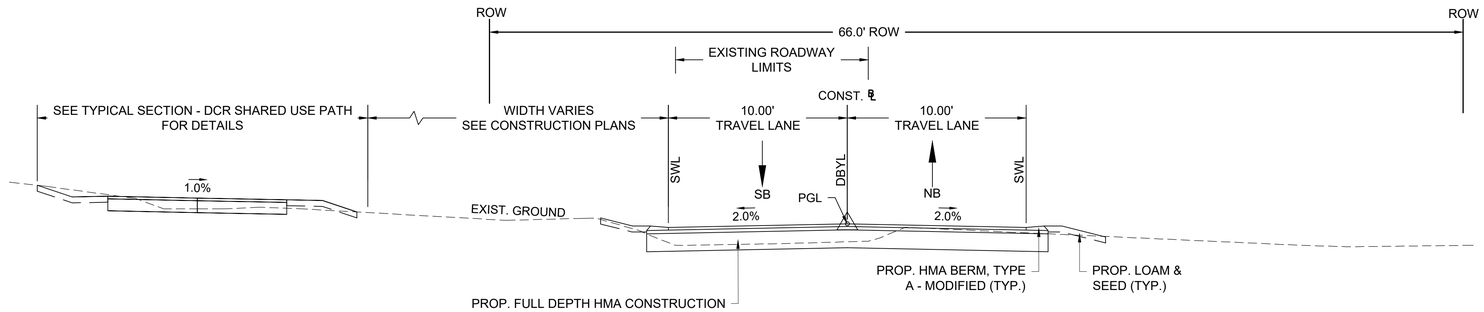
TYPICAL SECTION - RUGGED ROAD
STA. 300+30± TO STA. 301+00±

* 0.5% ± TOLERANCE FOR CONSTRUCTION

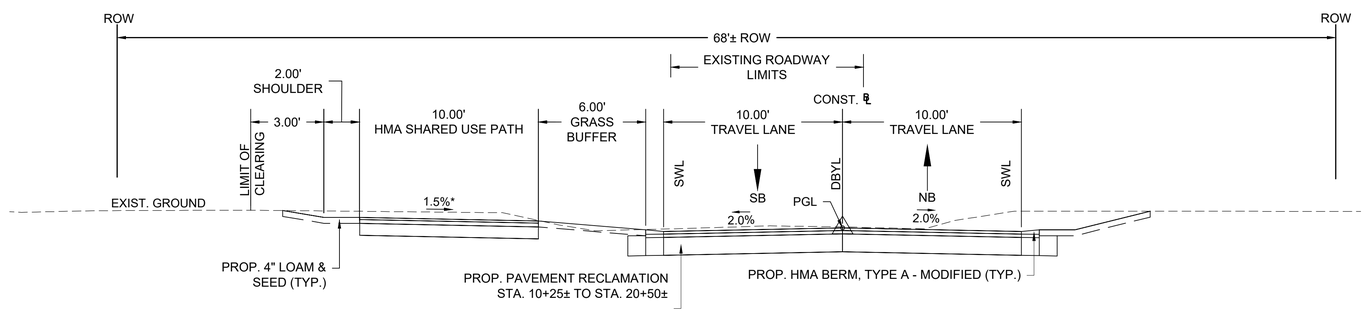


TYPICAL SECTION - OKORWAW AVENUE
& MONOHANSETT ROAD
STA. 100+58± TO STA. 123+10±
STA. 201+52± TO STA. 242+25±

* 0.5% ± TOLERANCE FOR CONSTRUCTION

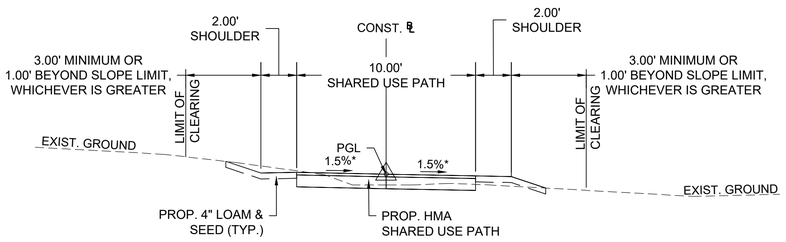


TYPICAL SECTION - LOVERS LANE
STA. 41+86± TO STA. 62+24±



TYPICAL SECTION - LOVERS LANE
WITH SHARED USE PATH
STA. 10+25± TO STA. 19+70±
STA. 20+65± TO STA. 41+07±

* 0.5% ± TOLERANCE FOR CONSTRUCTION



TYPICAL SECTION - DCR SHARED USE PATH
STA. 1019+43± TO STA. 1047+53±

* 0.5% ± TOLERANCE FOR CONSTRUCTION

PAVEMENT NOTES

FULL DEPTH HMA CONSTRUCTION

SURFACE COURSE: 2" SUPERPAVE SURFACE COURSE - 12.5 (SSC-12.5) OVER
3" SUPERPAVE INTERMEDIATE COURSE - 19.0 (SIC-19.0) OVER

SUBBASE: 12" GRAVEL BORROW (M1.03.0 TYPE B)

PROPOSED PAVEMENT RECLAMATION W/INJECTED ASPHALT STABILIZATION

SURFACE COURSE: 2" SUPERPAVE SURFACE COURSE - 12.5 (SSC-12.5) OVER
3" SUPERPAVE INTERMEDIATE COURSE - 19.0 (SIC-19.0) OVER

SUBBASE: 8" RECLAIMED ASPHALT PAVEMENT BORROW

HMA DRIVEWAYS AND SHARED USE PATH

SURFACE COURSE: 1 1/2" SUPERPAVE SURFACE COURSE - 9.5 (SSC-9.5) OVER
2 1/2" SUPERPAVE SURFACE COURSE - 12.5 (SSC-12.5) OVER

SUBBASE: 8" GRAVEL BORROW (M1.03.0 TYPE B)

FINE MILLING & HMA OVERLAY

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

SURFACE MILLING: 2" MIN. PAVEMENT MILLING (TO MEET LINES AND GRADES AND HMA QUALITY ASSURANCE)

GRAVEL ROADWAY, DRIVEWAYS & PARKING LOT

SURFACE COURSE: 12" GRAVEL BORROW (M1.03.0 TYPE B)

CEMENT CONCRETE PEDESTRIAN CURB RAMPS

SURFACE COURSE: 4" CEMENT CONCRETE (AIR ENTRAINED 4000PSI, 3/4", 610) OVER

SUBBASE: 8" GRAVEL BORROW (M1.03.0 TYPE B)

GENERAL NOTES:

1. ALL SIDEWALKS SHALL HAVE A CROSS SLOPE OF 1.5% (0.015FT/FT). TOLERANCE FOR CONSTRUCTION SHALL BE ±0.50%. IN NO CASE SHALL THE SIDEWALK CROSS SLOPE EXCEED 2.0% (0.02 FT/FT). SIDEWALKS SHALL HAVE A MINIMUM CLEAR PATH OF 36" FREE OF OBSTRUCTION (UTILITY POLES, HYDRANTS, ETC.).
2. THE SECTIONS OF PROPOSED ROADWAY NOT COVERED IN THE RANGE OF STATIONS ASSOCIATED WITH THE TYPICAL SECTIONS ARE EITHER AT INTERSECTIONS OR ARE IN AREAS OF TRANSITION AND THEREFORE HAVE NOT BEEN SHOWN.
3. ASPHALT EMULSION FOR TACK COAT SHALL BE (RS-1H) TO RESIST TRACKING BY HAUL VEHICLES. HMA FOR PATCHING, ASPHALT EMULSION FOR TACK COAT AND HMA JOINT ADHESIVE SHALL BE IN ACCORDANCE WITH SECTION 450. QUALITY ASSURANCE FOR HMA.
5. ASPHALT EMULSION FOR TACK COAT (RS-1H) SHALL BE APPLIED AT THE RATE OF 0.06 TO 0.08 GALLONS PER SQUARE YARD OVER NEW HMA SURFACES NOT OPENED TO TRAFFIC AS WELL AS OVER EXISTING TIGHT SMOOTH PAVEMENT. ON MILLED SURFACES, THE EMULSION APPLICATION RATE SHALL EQUAL 0.07 TO 0.09 GALLONS PER SQUARE YARD. ON NEW HMA PATCHES, THE EMULSION APPLICATION RATE SHALL EQUAL 0.06 TO 0.09 GALLONS PER SQUARE YARD.
6. SEE SHEET 124 FOR A RAISED INTERSECTION DETAIL AND SHEET 125 FOR A BELGIAN BLOCK DRIVEWAY DETAIL.
7. SUITABLE SURPLUS MATERIAL GENERATED FROM THE PAVEMENT RECLAMATION OPERATION SHALL BE USED FOR SUBBASE IN ROADWAY WIDENING AREAS, AS SUBBASE FOR SHARED USE PATH, PEDESTRIAN CURB RAMPS AND DRIVEWAYS AS PER ITEM 403. AND AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL SCHEDULE OPERATIONS SUCH THAT THE RE-USE OF RECLAIMED MATERIAL BE WELL COORDINATED WITH THE GENERATION OF THE MATERIAL.

GPI
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Design
Planning
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NO.	REVISION	DATE
		08/09/2023

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EMD	BAM

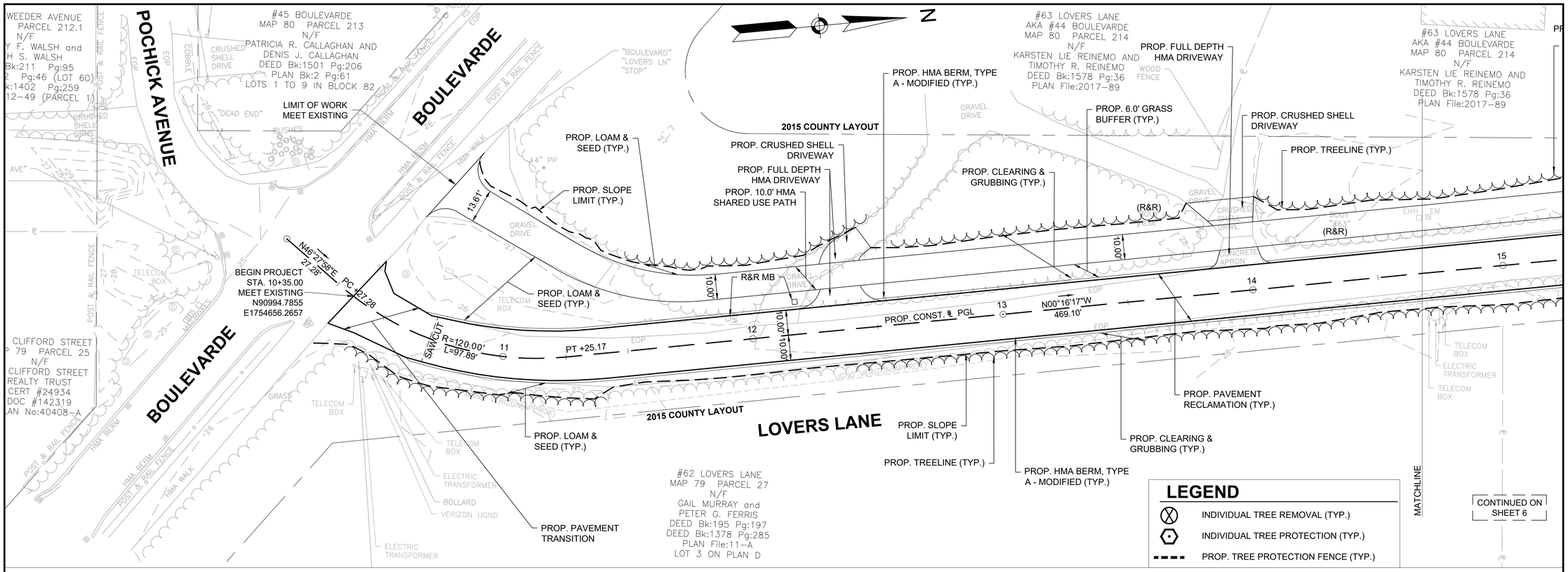
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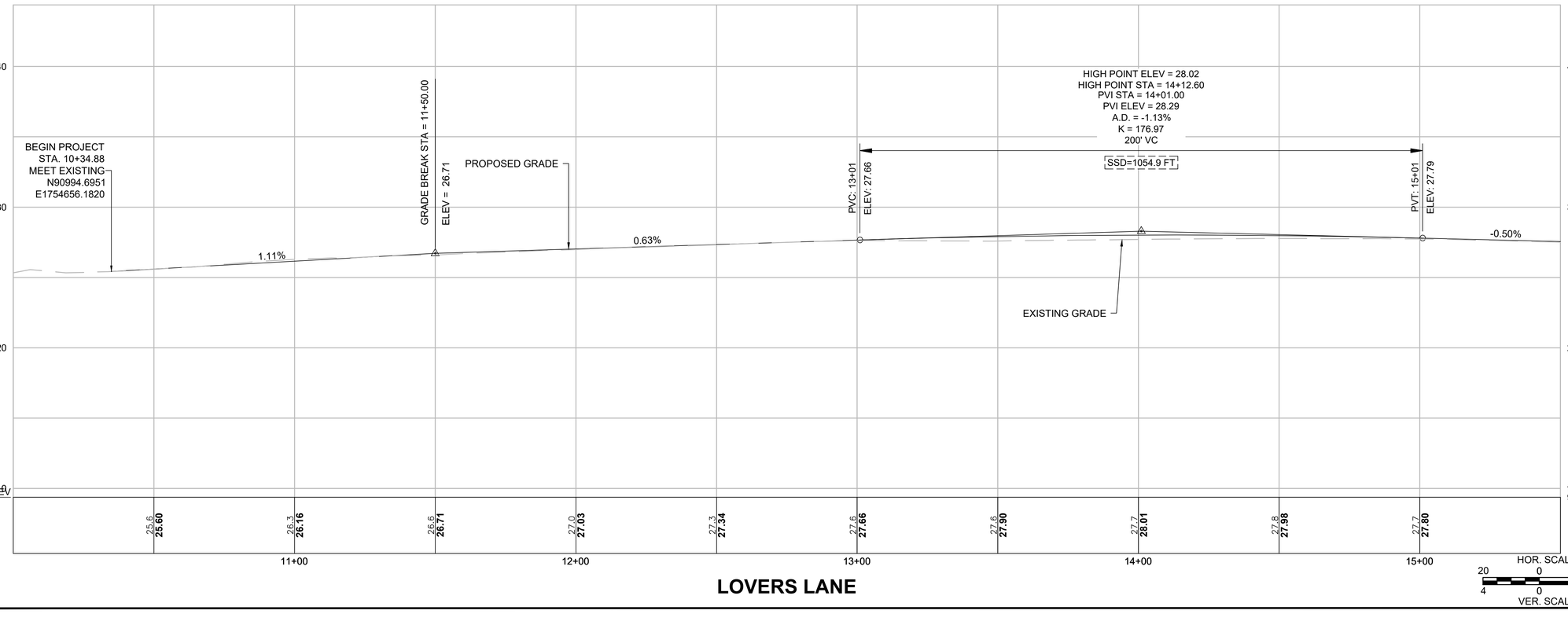
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15119

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15119.01_HD (TYP).DWG 8/10/2023





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16 BROAD STREET
NANTUCKET, MA 02554

SURFSIDE AREA TRANSPORTATION ENHANCEMENTS

LOVERS LANE, MONOHANSETT ROAD TO OKORWAW AVENUE & NANTUCKET, MA 02554

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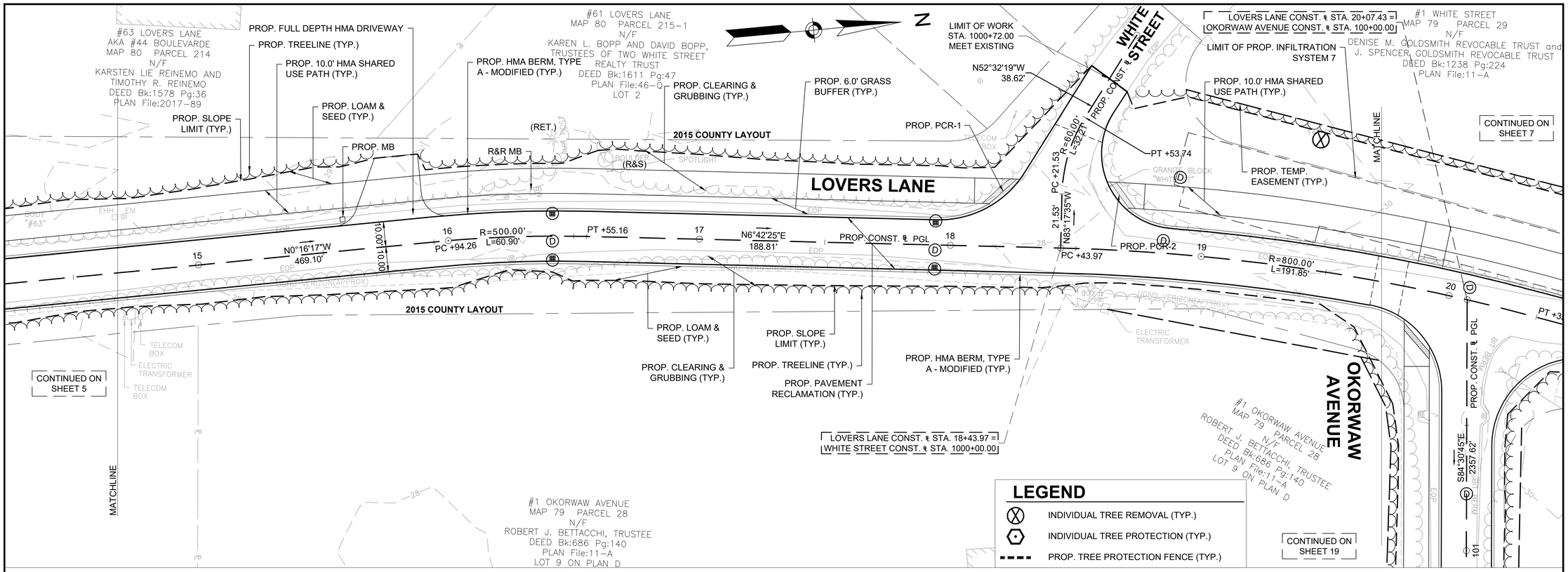
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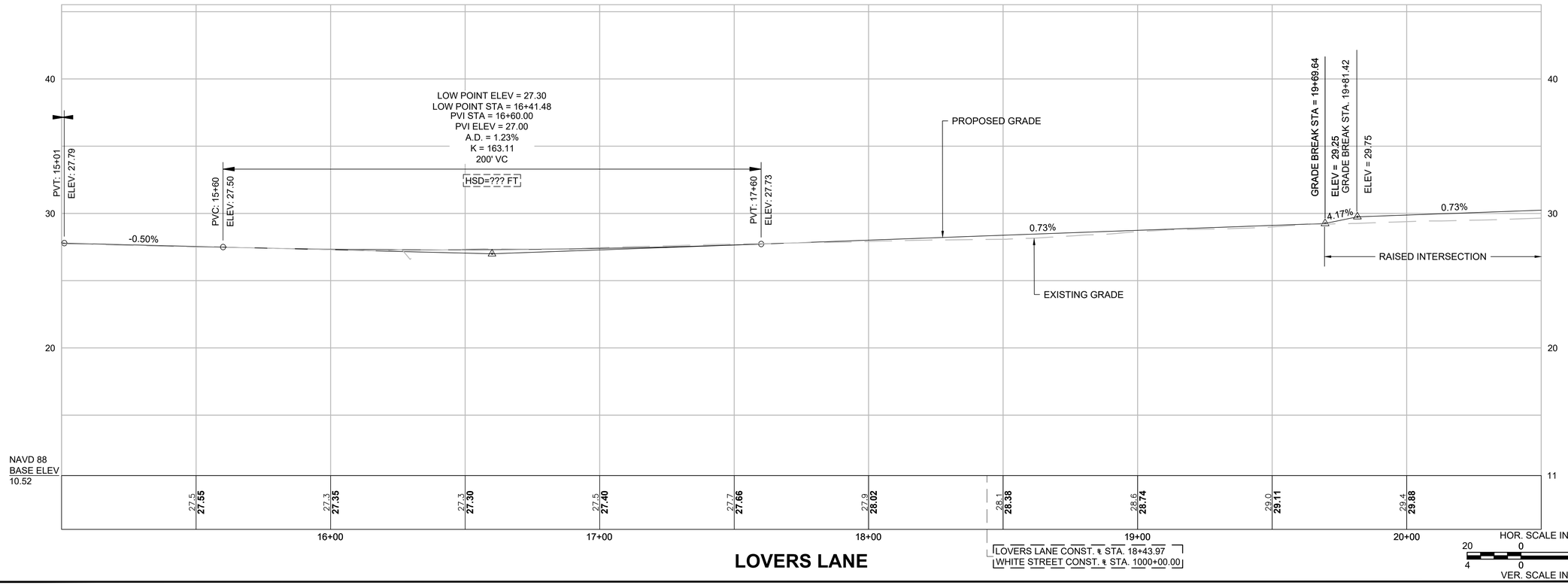
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15119.01_HD (CO)_LOVERS.DWG 8/10/2023





LOVERS LANE

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NANTUCKET, MA 02554

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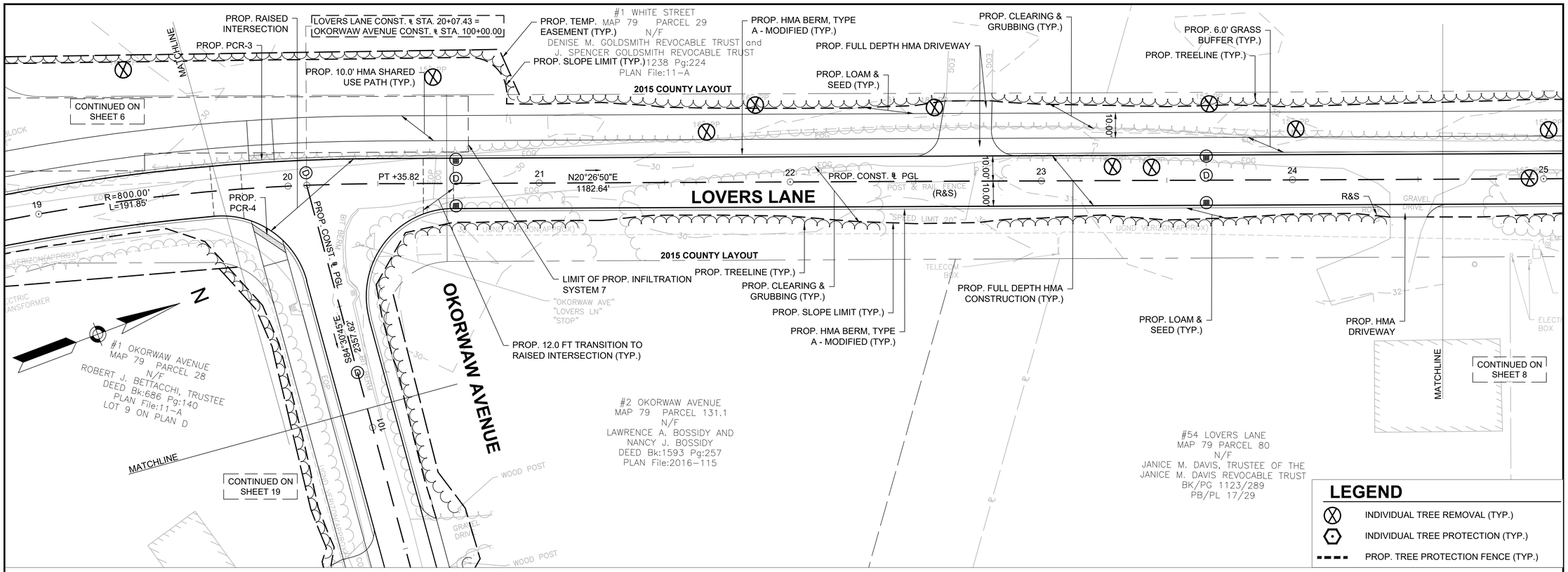
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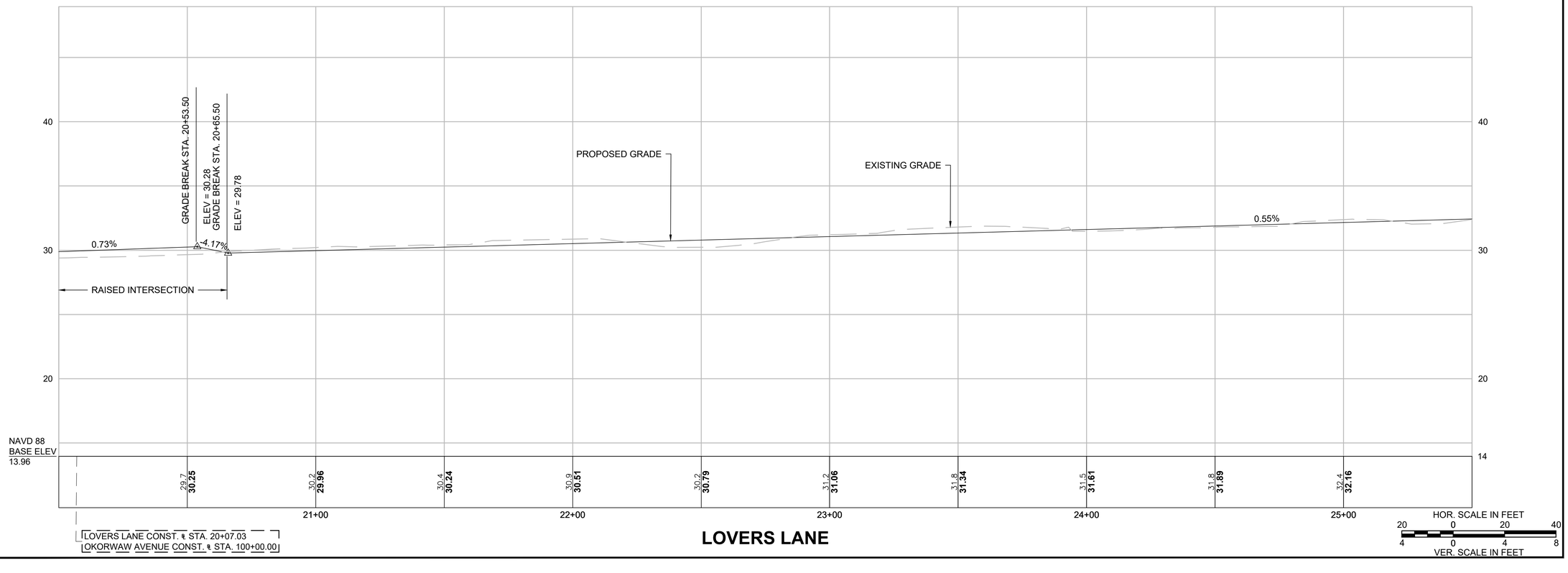
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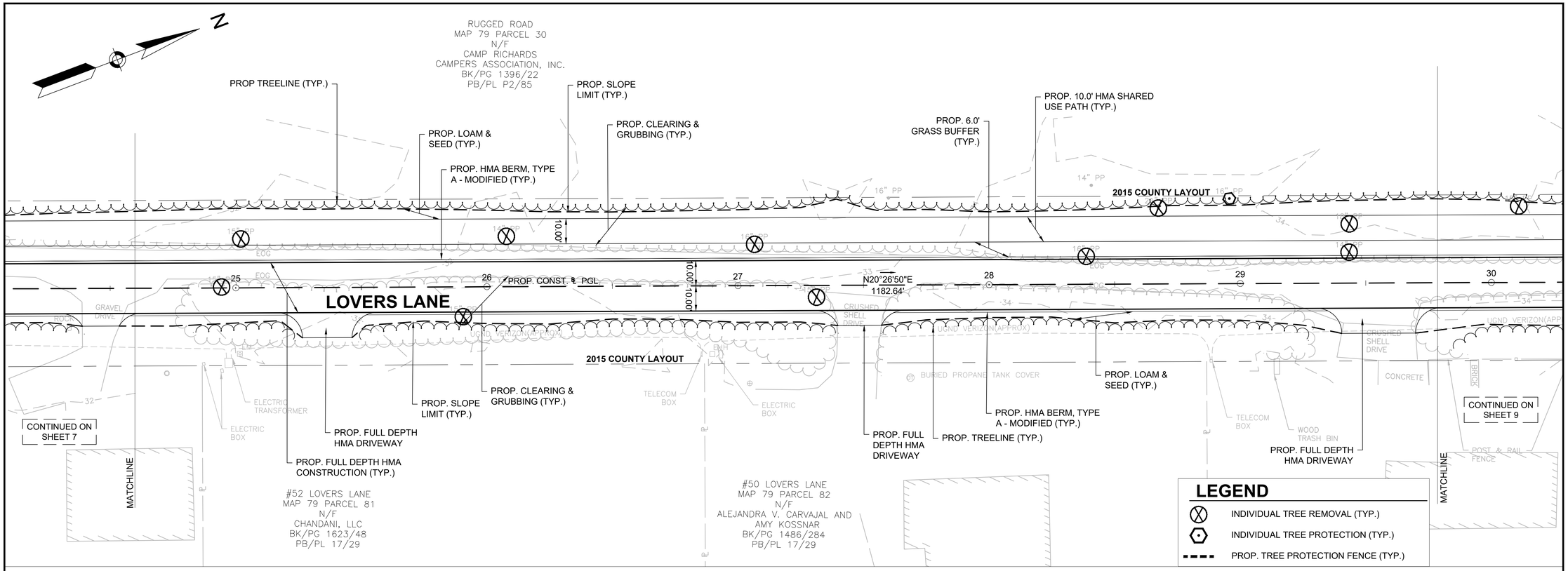
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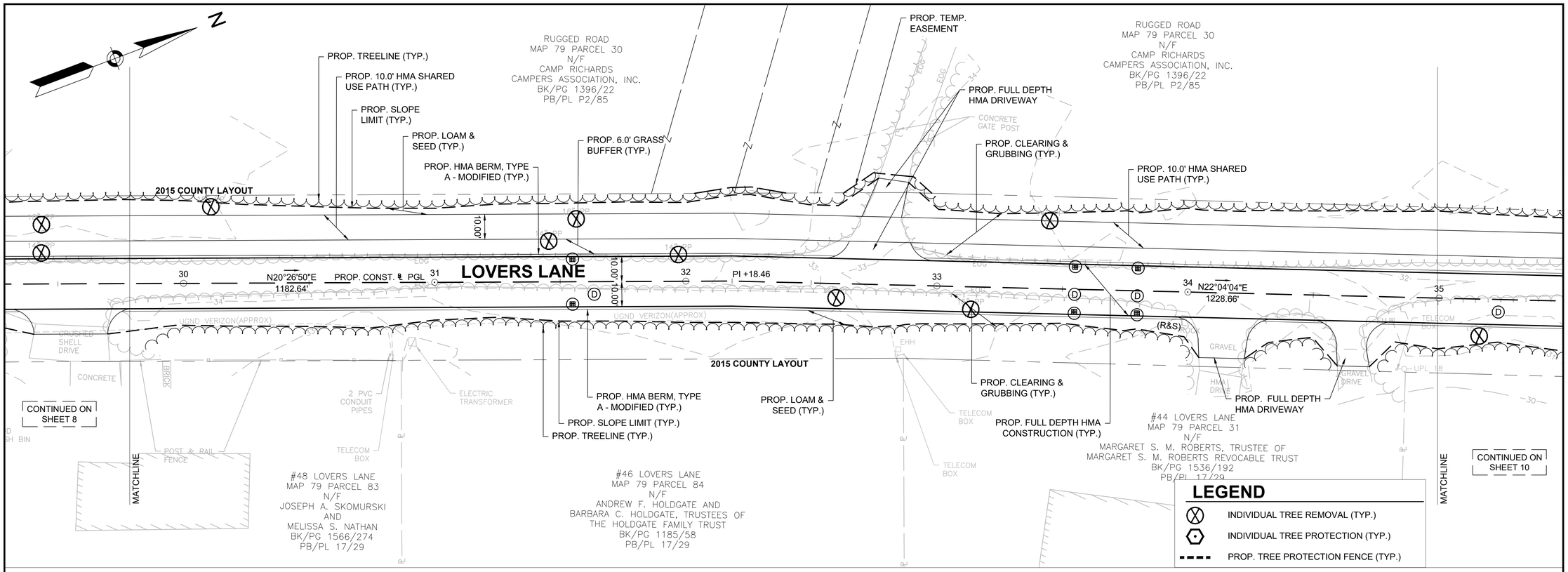
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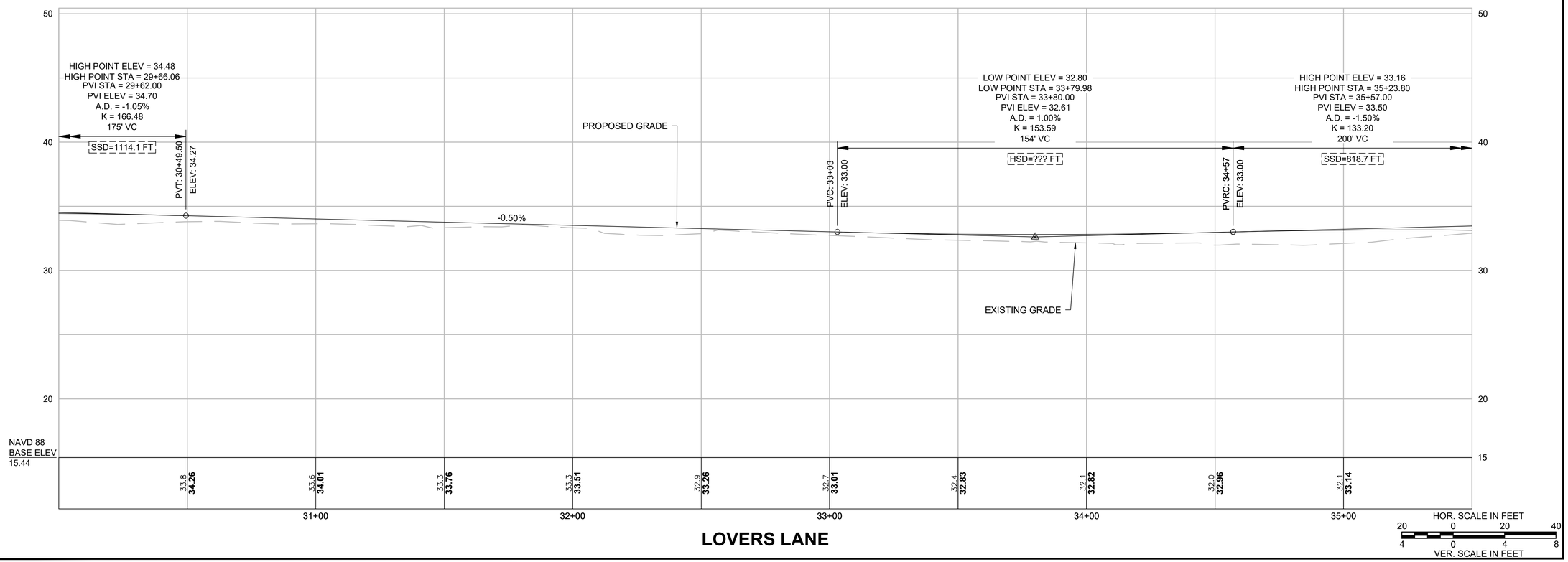
CONSTRUCTION PLANS & PROFILES

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15119


RUGGED ROAD
MAP 79 PARCEL 30
N/F
CAMP RICHARDS
CAMPERS ASSOCIATION, INC.
BK/PG 1396/22
PB/PL P2/85
PROP TREELINE (TYP.)
PROP. LOAM & SEED (TYP.)
PROP. HMA BERM, TYPE A - MODIFIED (TYP.)
PROP. SLOPE LIMIT (TYP.)
PROP. CLEARING & GRUBBING (TYP.)
PROP. 6.0' GRASS BUFFER (TYP.)
PROP. 10.0' HMA SHARED USE PATH (TYP.)
2015 COUNTY LAYOUT
LOVERS LANE
PROP. CONST. ℄ PGL
N20°26'50"E
1182.64'
10.00'
CONTINUED ON SHEET 7
CONTINUED ON SHEET 9
PROP. FULL DEPTH HMA CONSTRUCTION (TYP.)
PROP. FULL DEPTH HMA DRIVEWAY
PROP. SLOPE LIMIT (TYP.)
PROP. CLEARING & GRUBBING (TYP.)
PROP. FULL DEPTH HMA DRIVEWAY
PROP. TREELINE (TYP.)
PROP. HMA BERM, TYPE A - MODIFIED (TYP.)
PROP. LOAM & SEED (TYP.)
PROP. FULL DEPTH HMA DRIVEWAY
#52 LOVERS LANE
MAP 79 PARCEL 81
N/F
CHANDANI, LLC
BK/PG 1623/48
PB/PL 17/29
#50 LOVERS LANE
MAP 79 PARCEL 82
N/F
ALEJANDRA V. CARVAJAL AND AMY KOSSNAR
BK/PG 1486/284
PB/PL 17/29
MATCHLINE
MATCHLINE
ELECTRIC TRANSFORMER
ELECTRIC BOX
TELECOM BOX
ELECTRIC BOX
BURIED PROPANE TANK COVER
TELECOM BOX
WOOD TRASH BIN
CRUSHED SHELL DRIVE
CRUSHED SHELL DRIVE
CONCRETE
BRICK
POST & RAIL FENCE
GRAVEL DRIVE
ROCK
UGND. VERIZON(APPROX)
UGND. VERIZON(APPROX)
EOG
EOP
EOA
EOA
EOA





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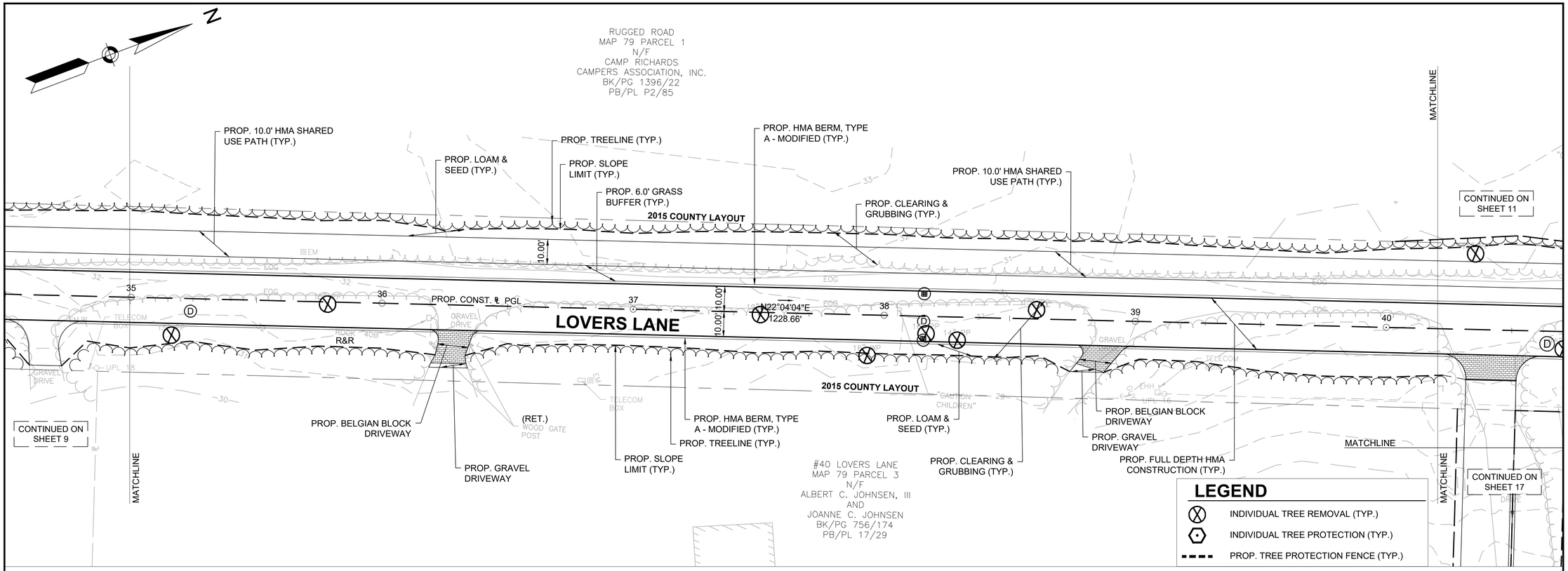
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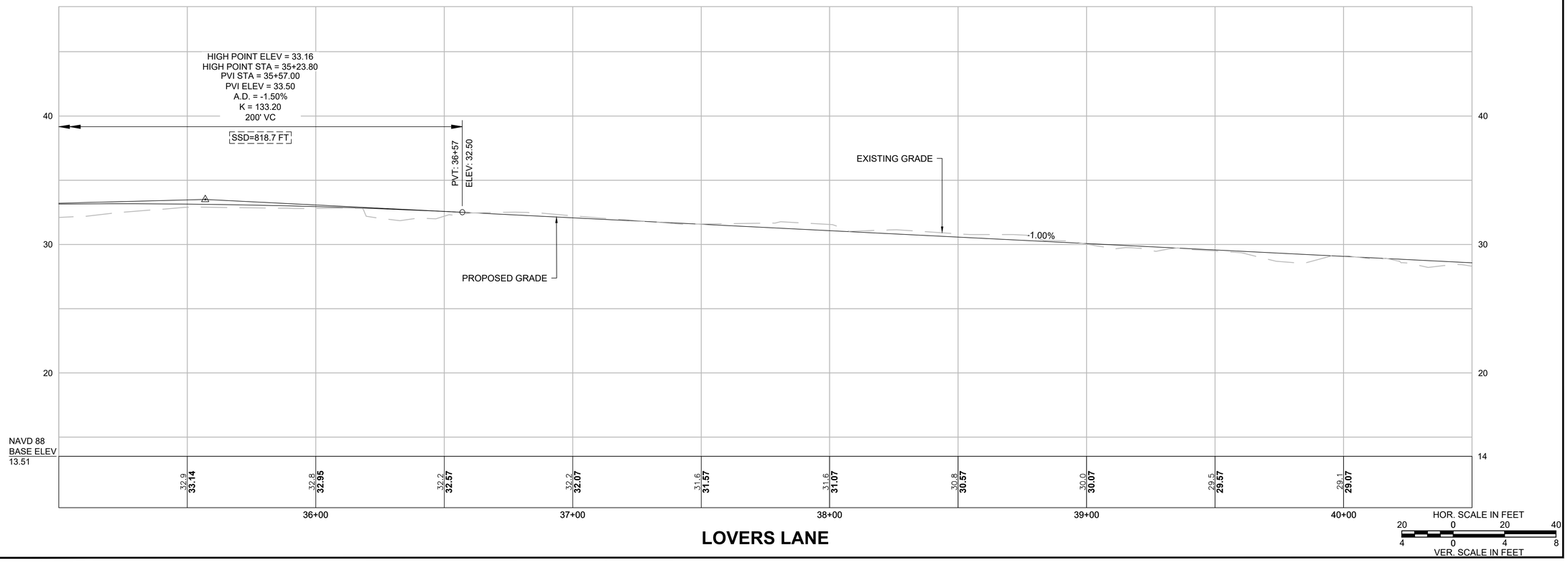
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15119.01_HD (CO)_LOVERS.DWG 8/10/2023





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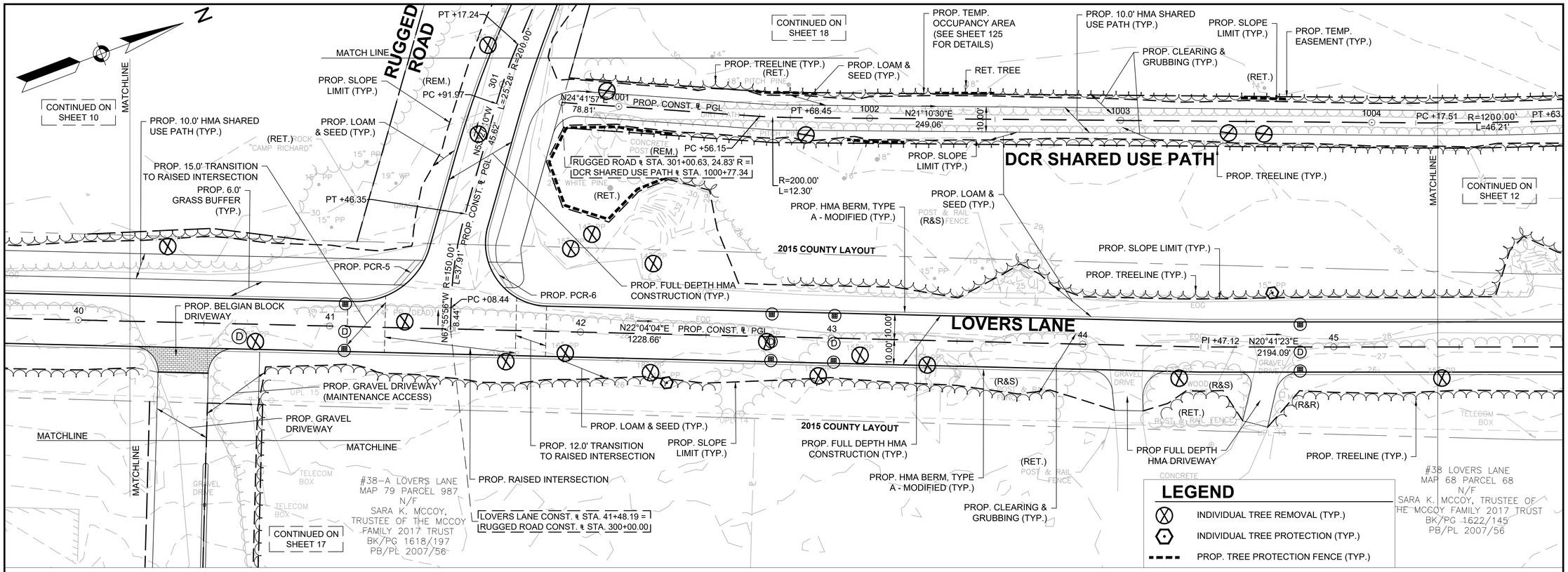
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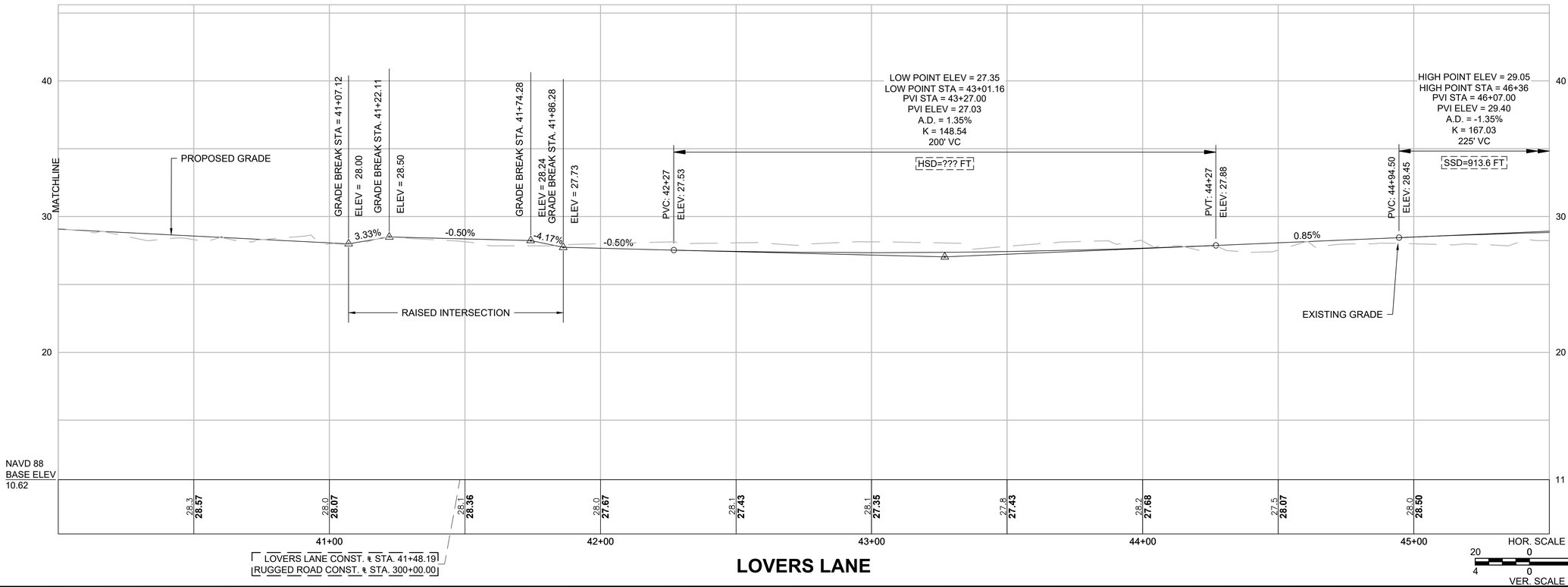
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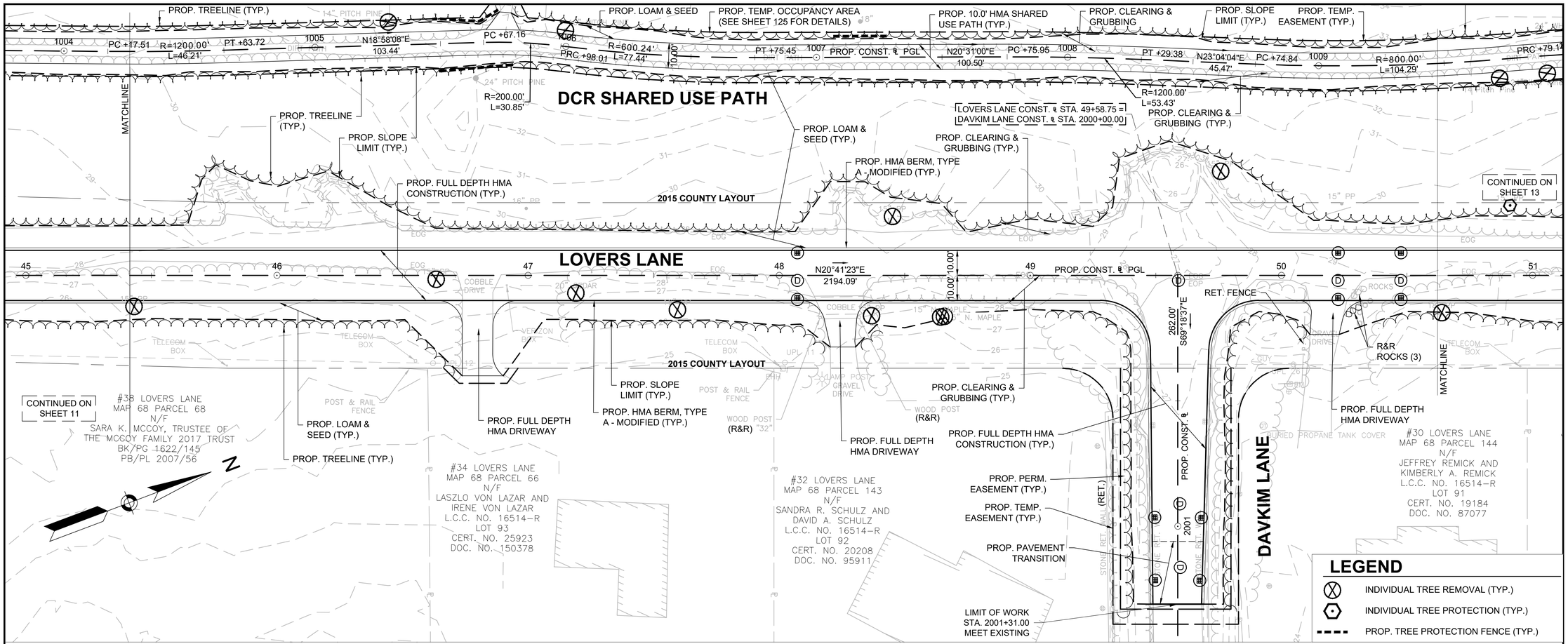
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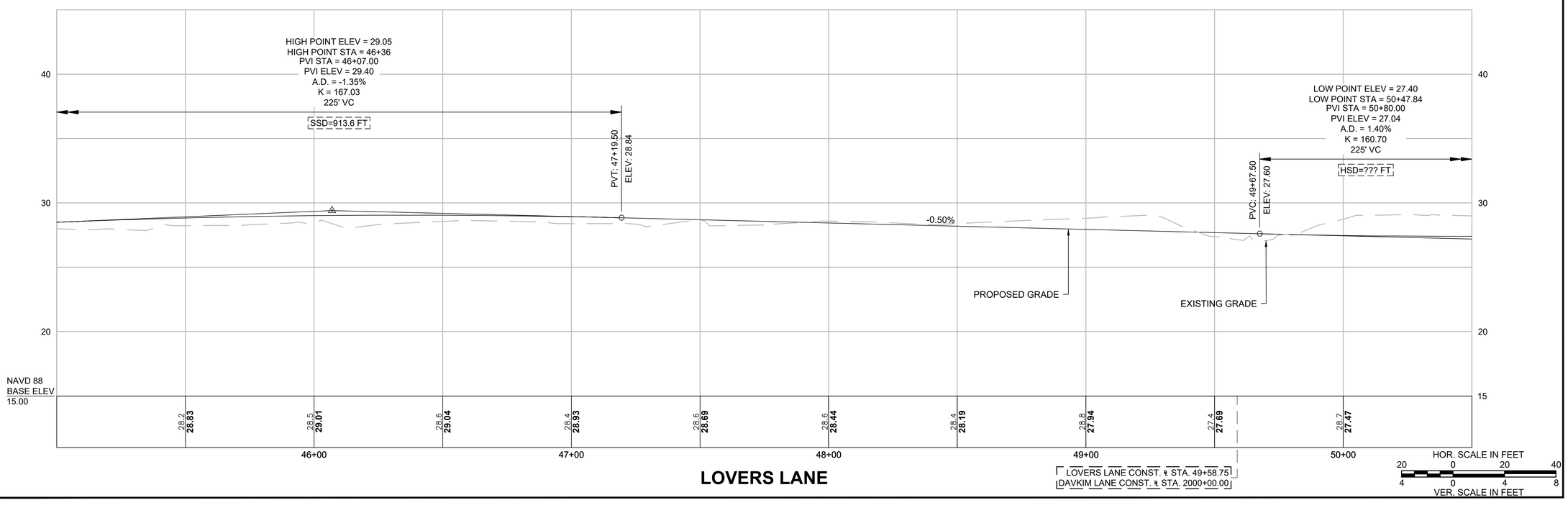
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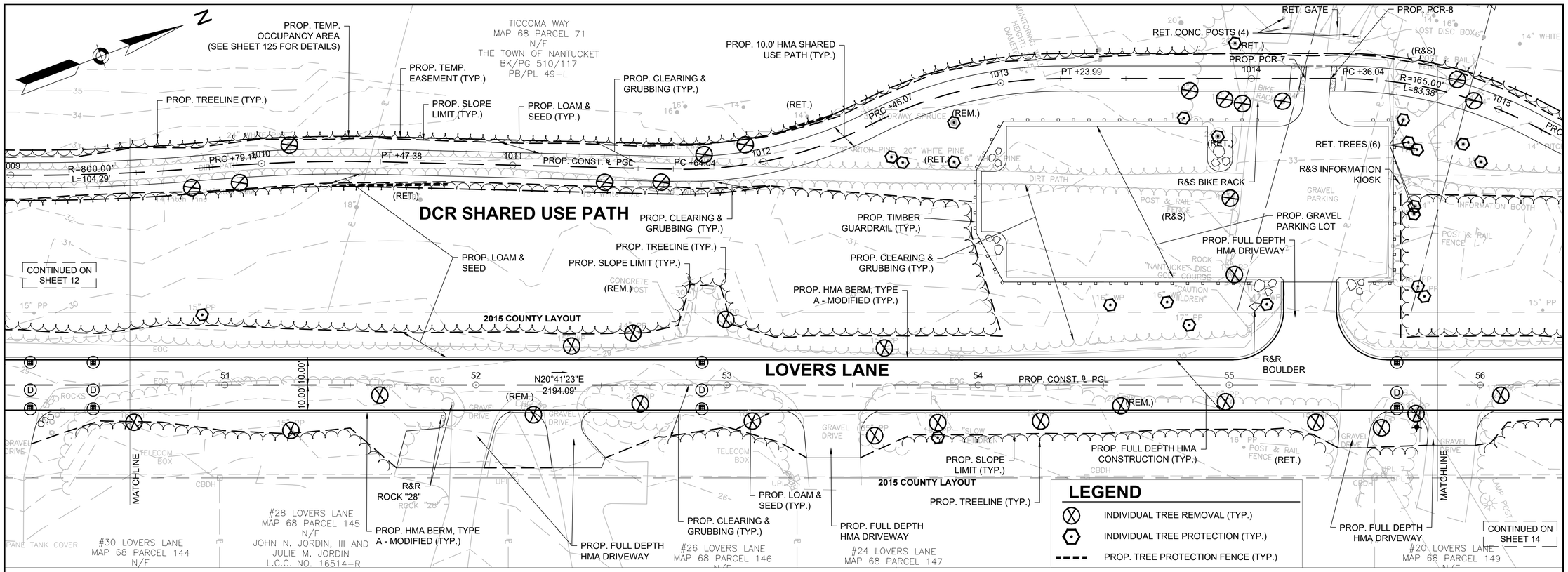
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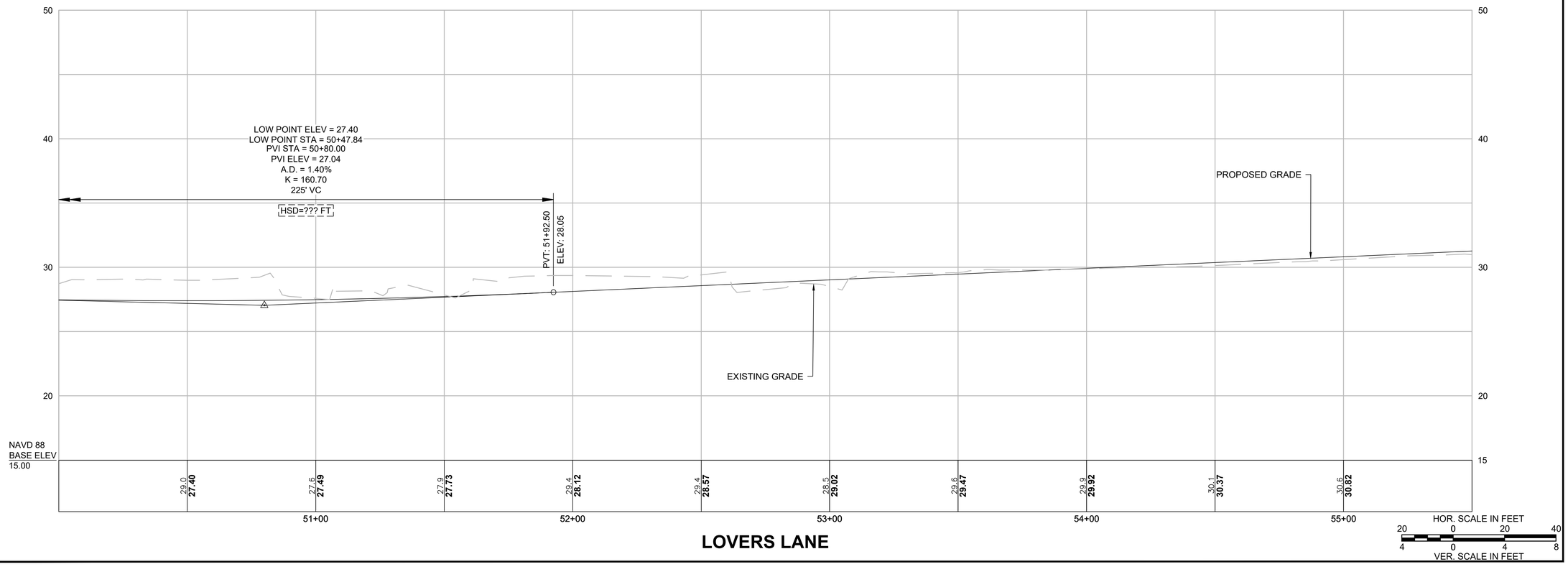
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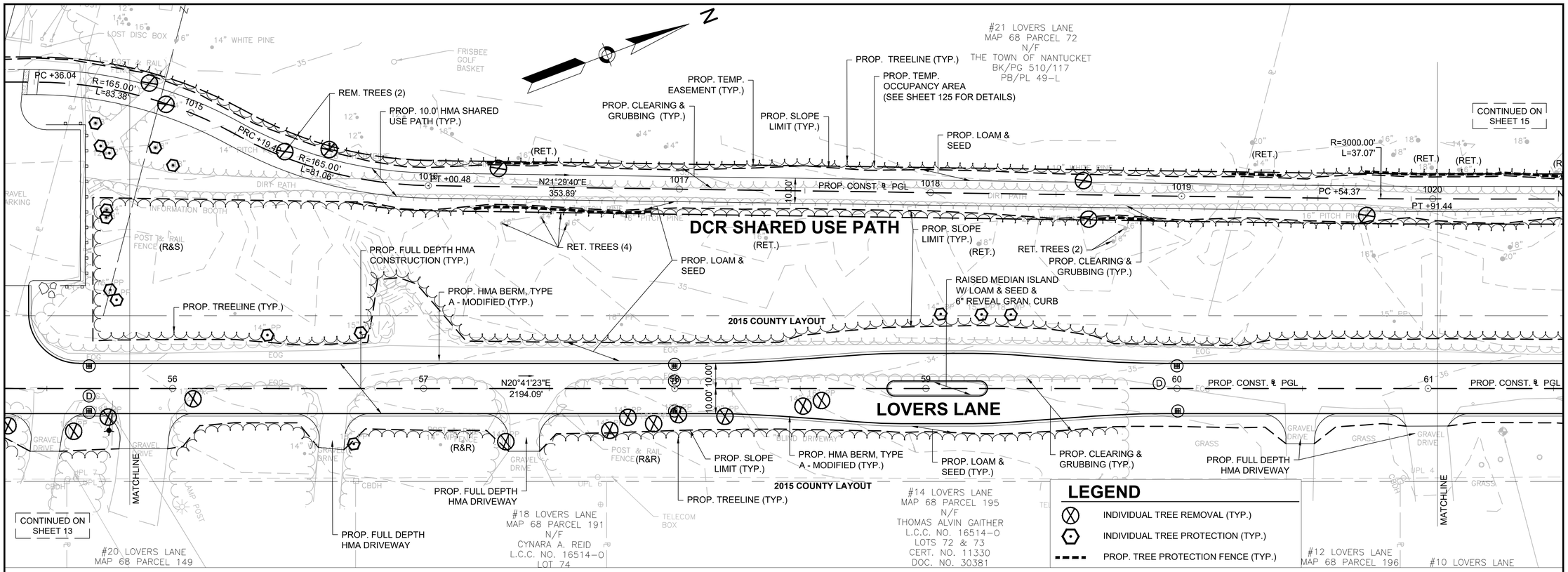
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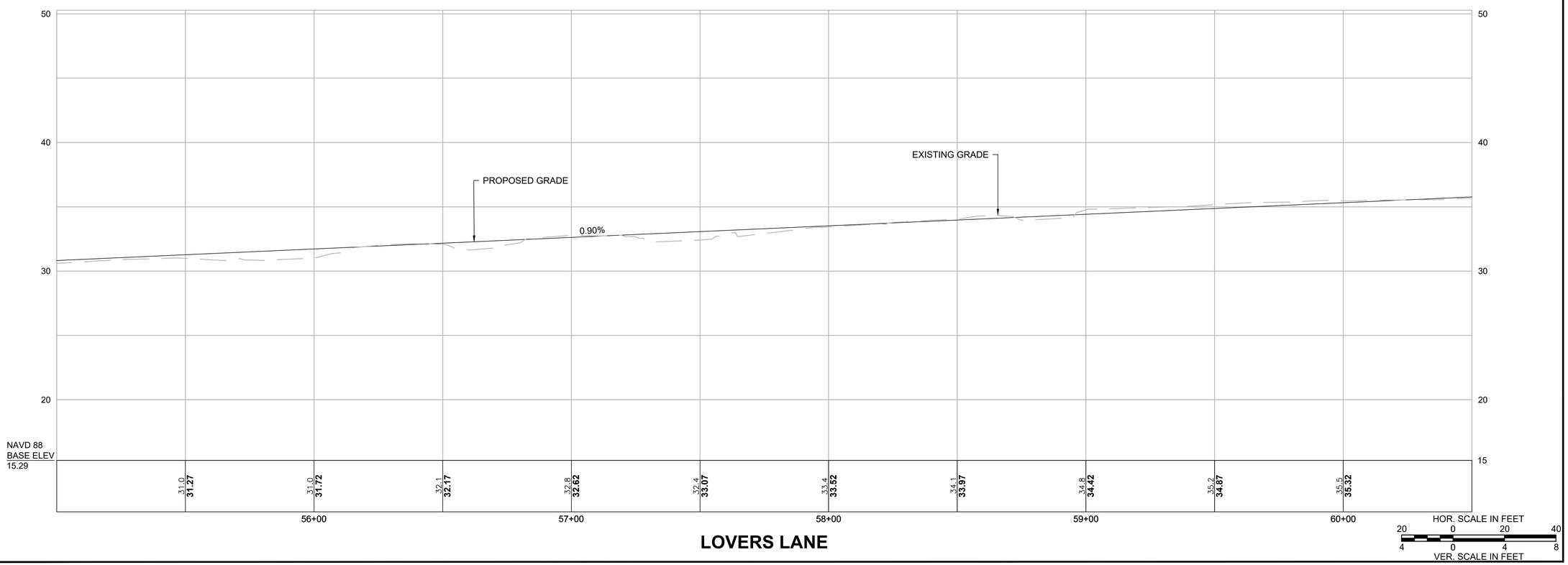
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15119.01_HD (CO)_LOVERS.DWG 8/11/2023





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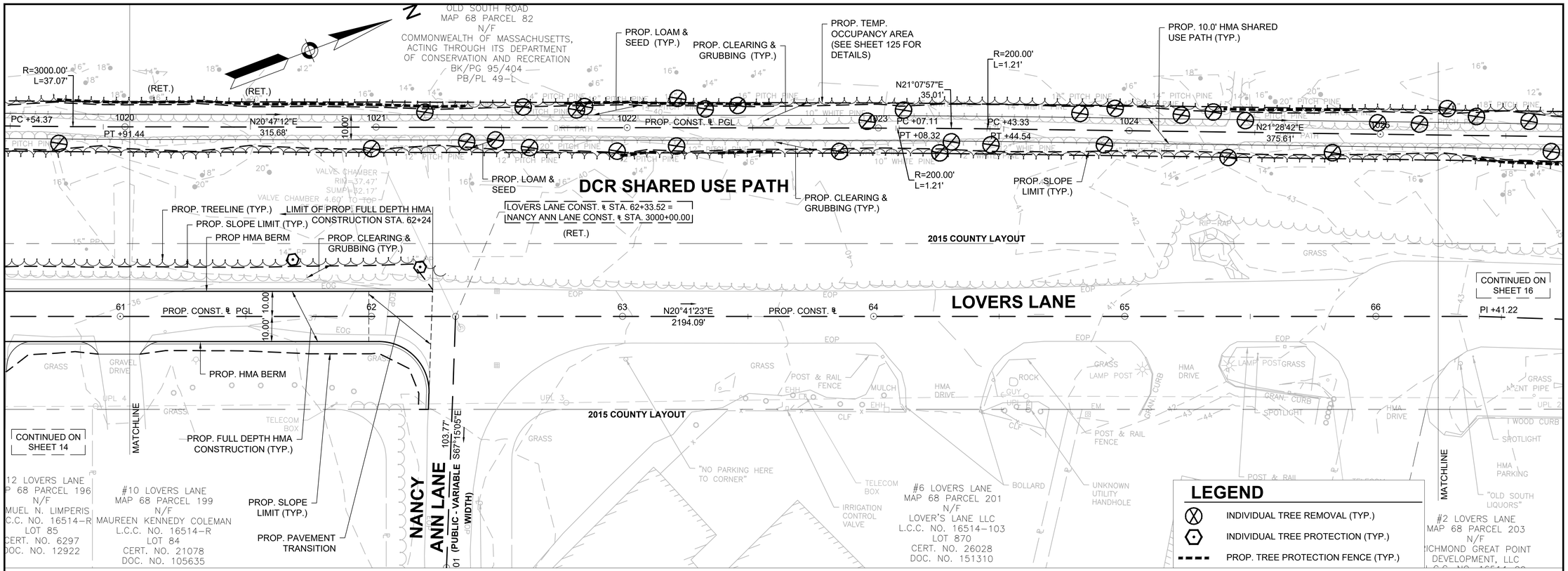
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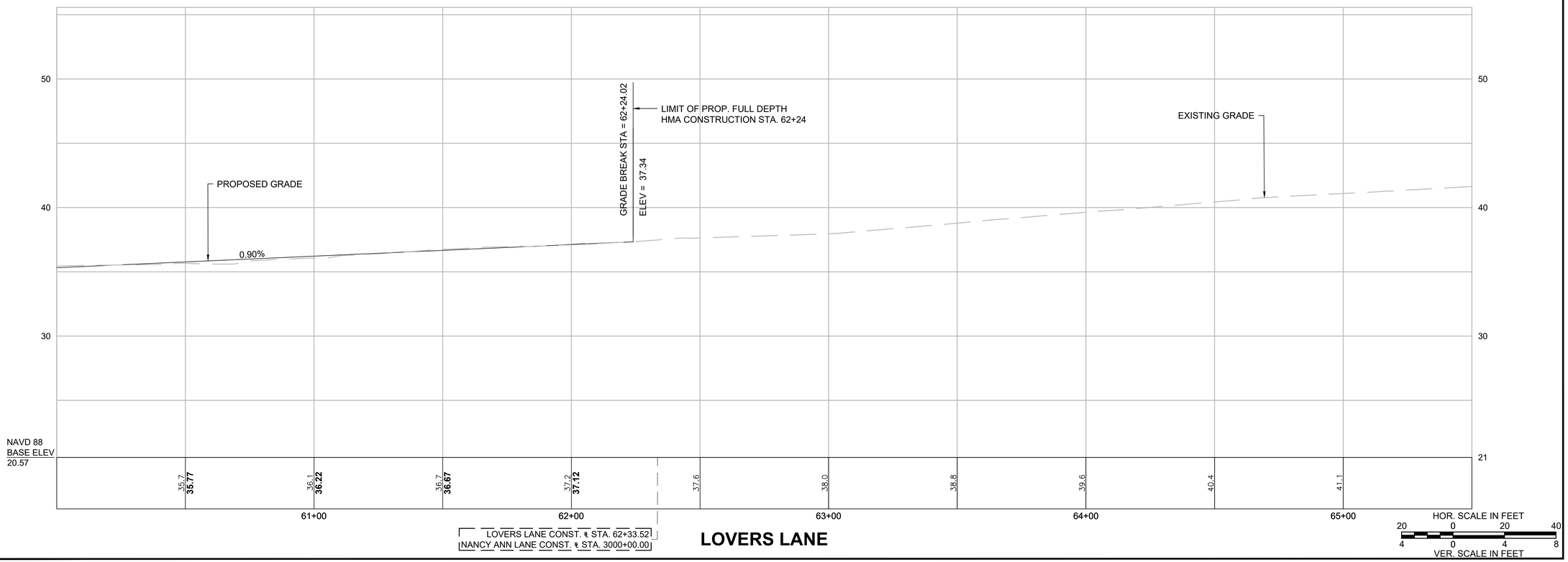
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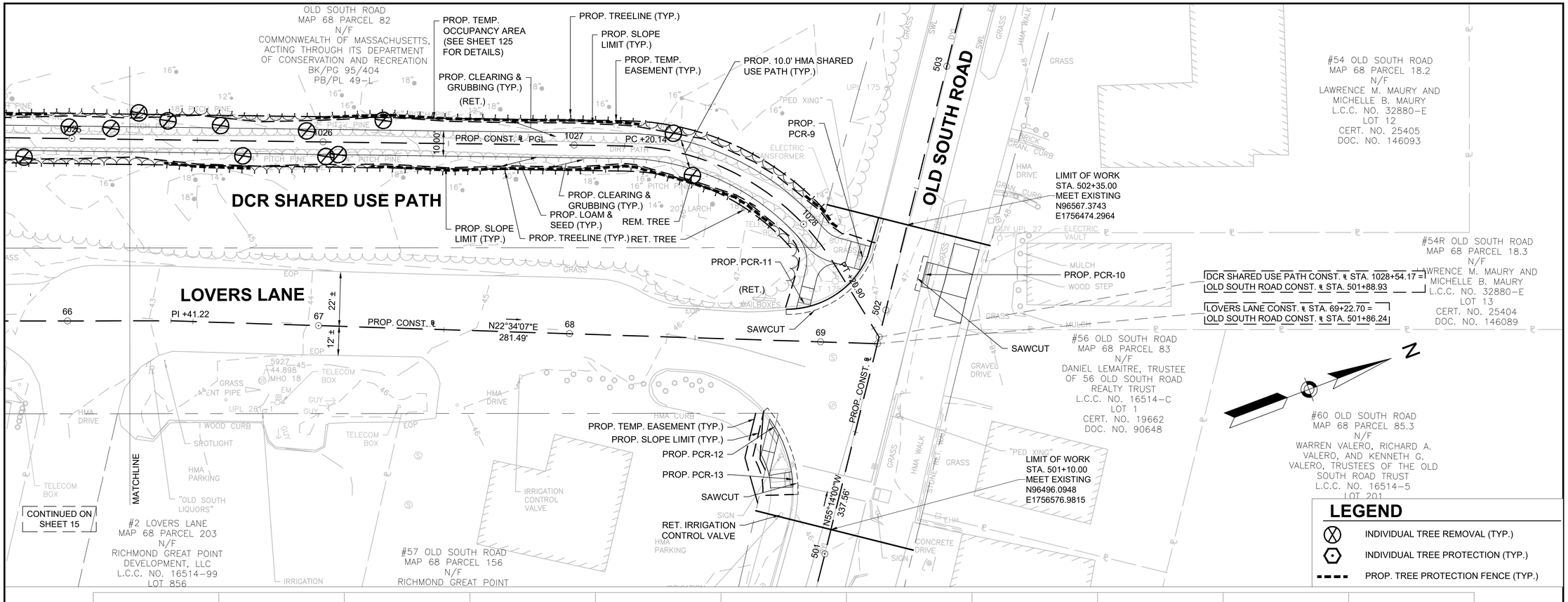
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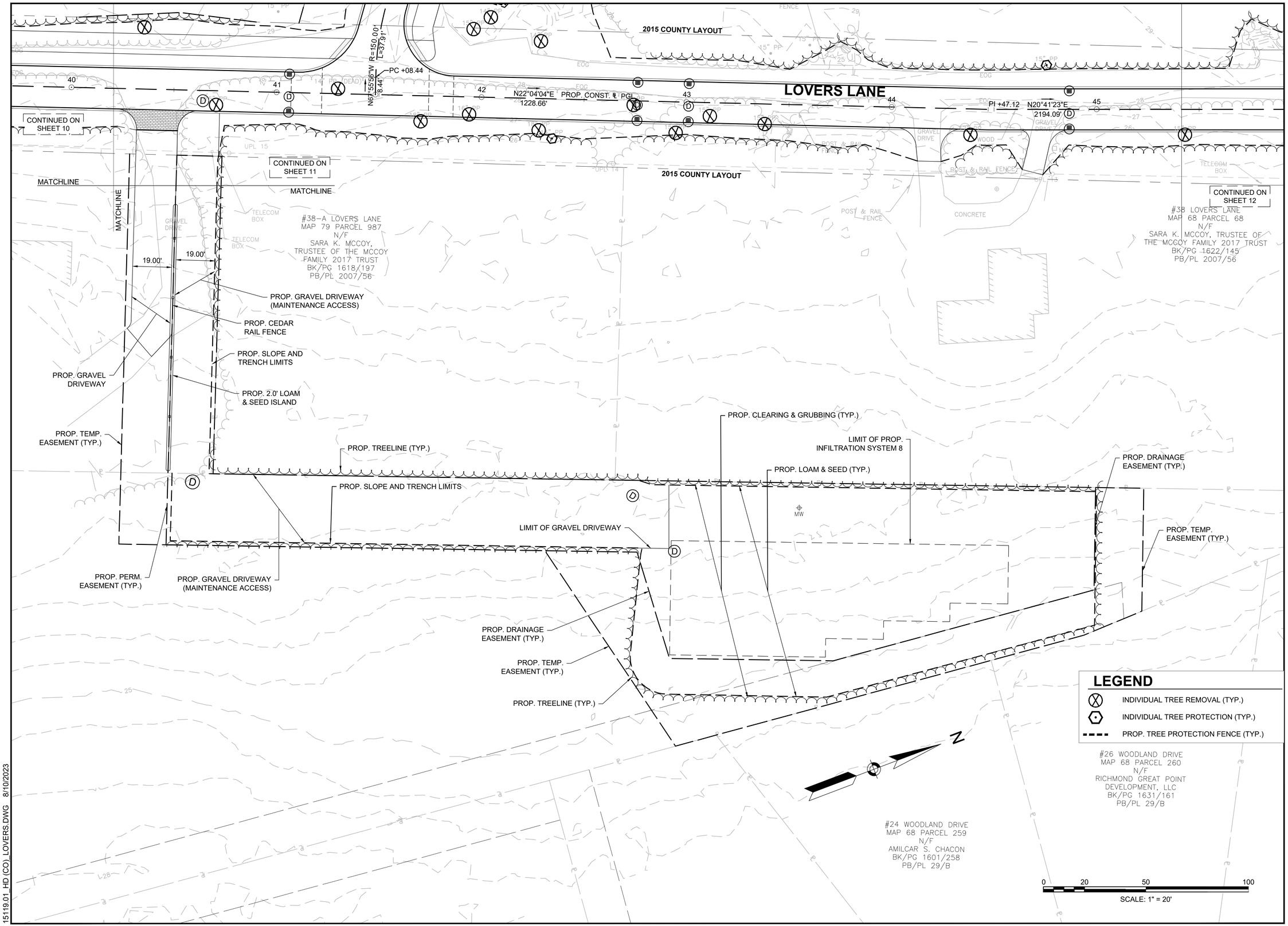
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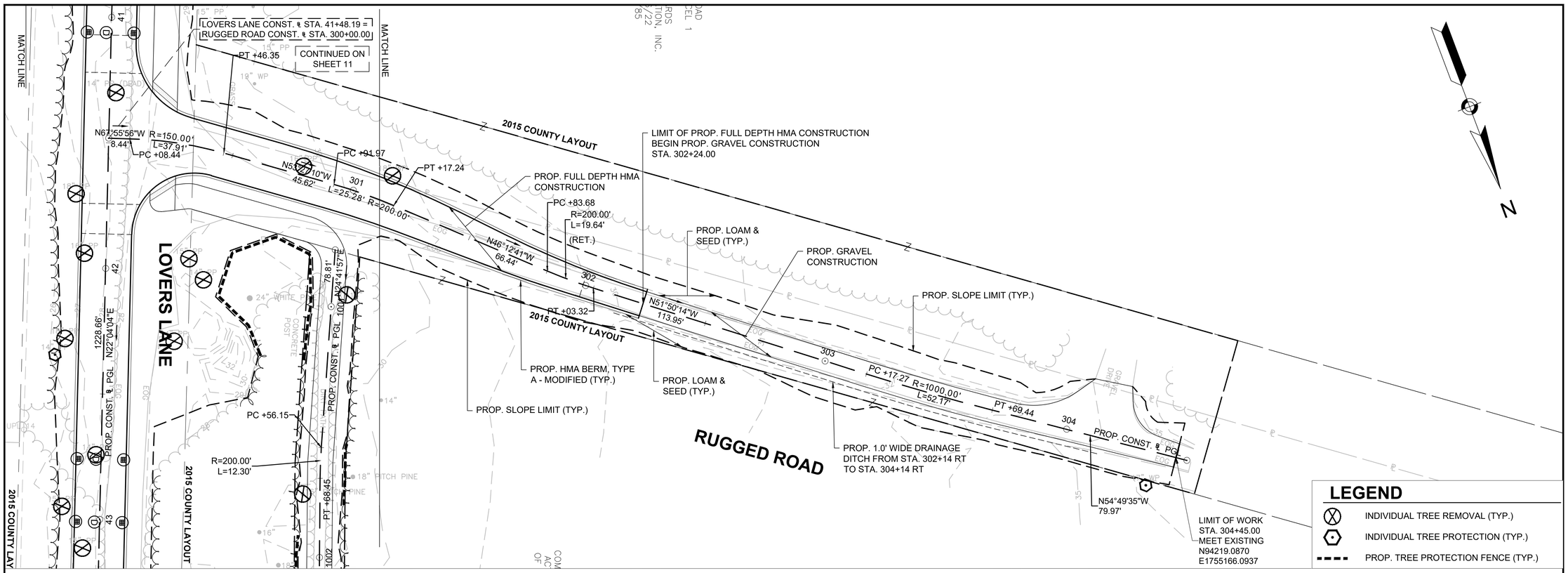
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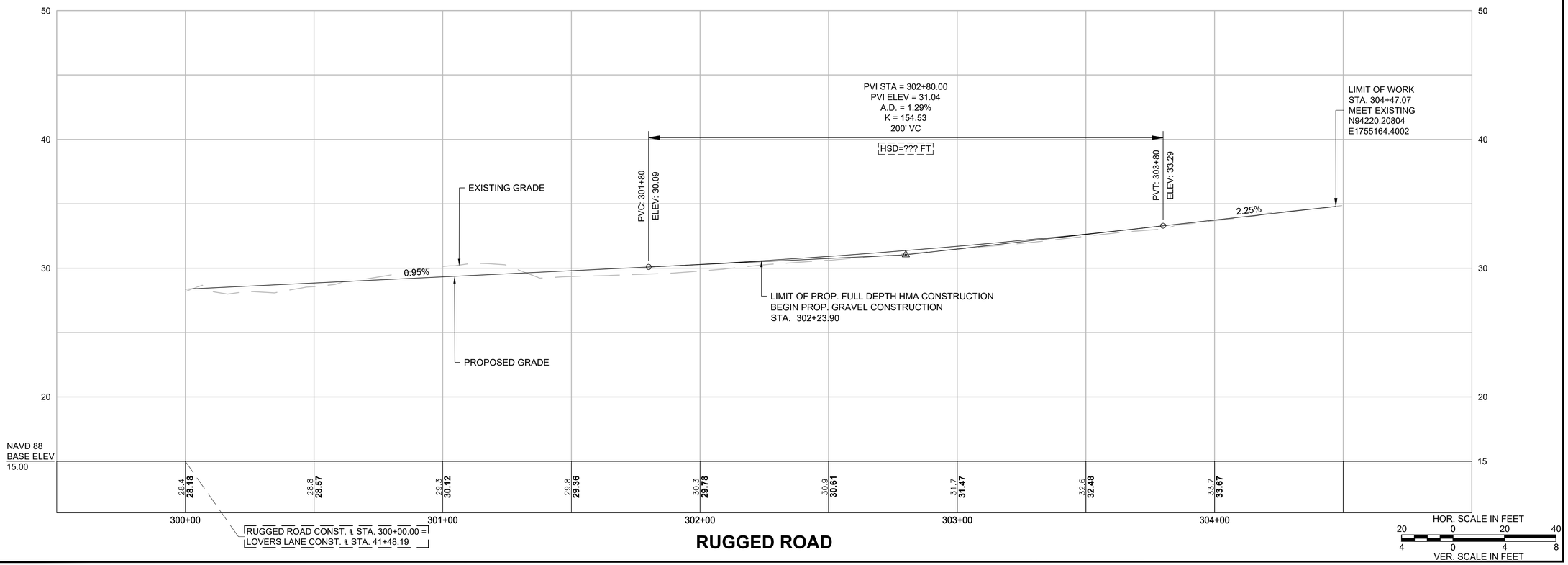
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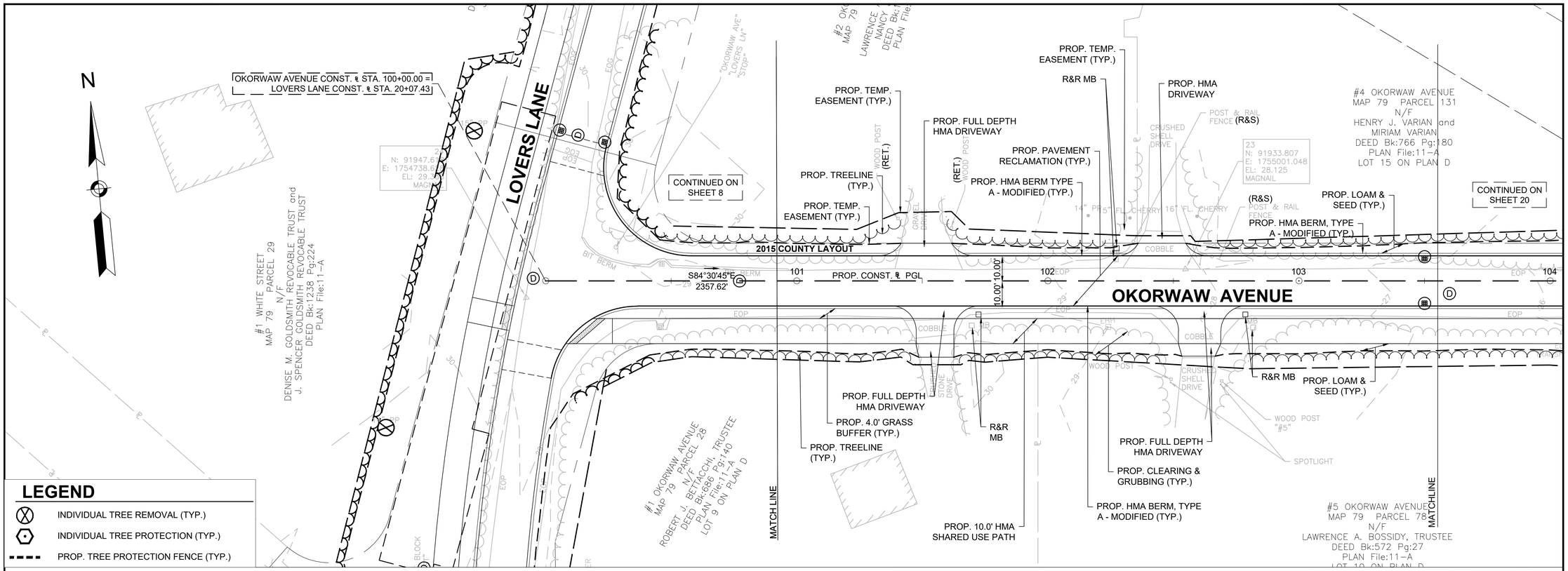
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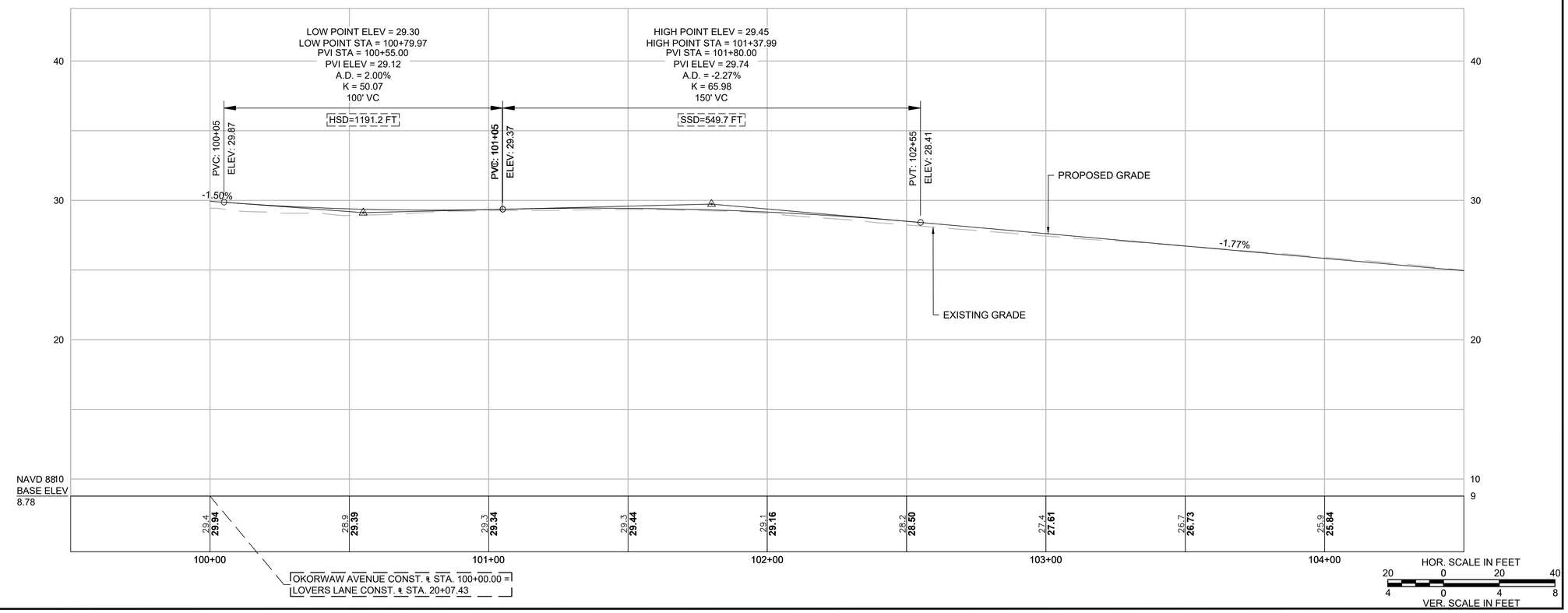
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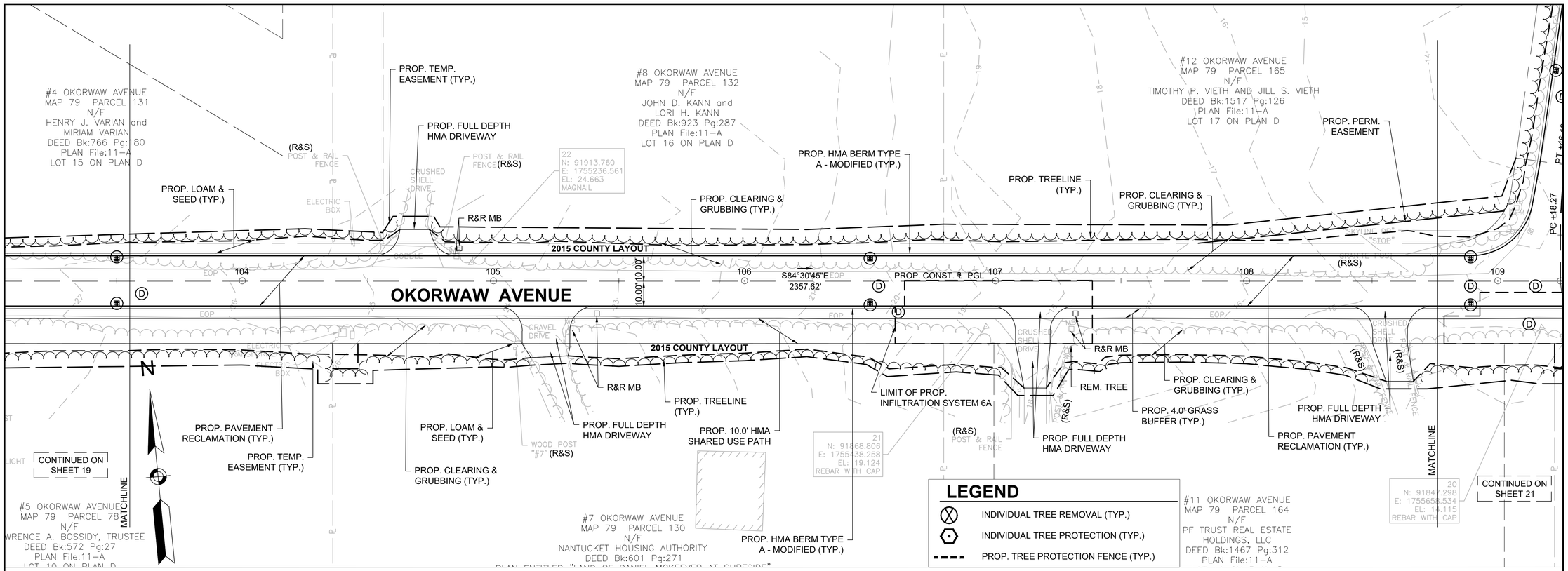
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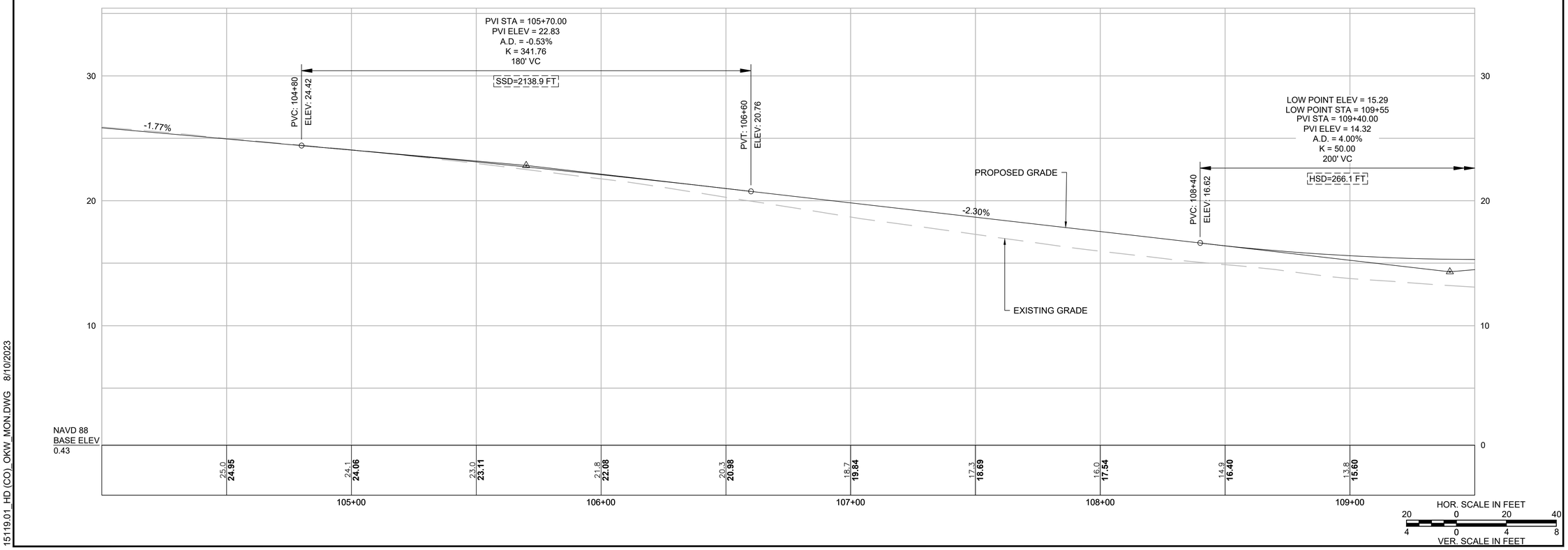
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16 BROAD STREET
NANTUCKET, MA 02554

LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD NANTUCKET, MASSACHUSETTS

REVISIONS

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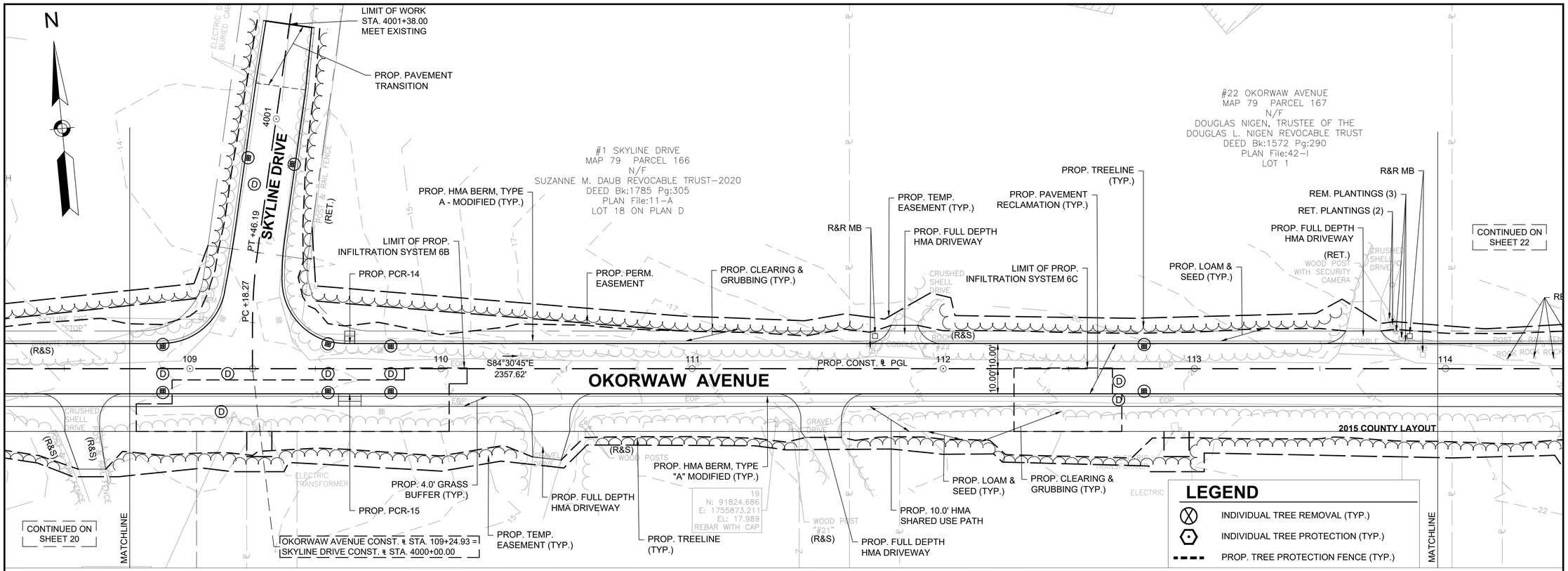
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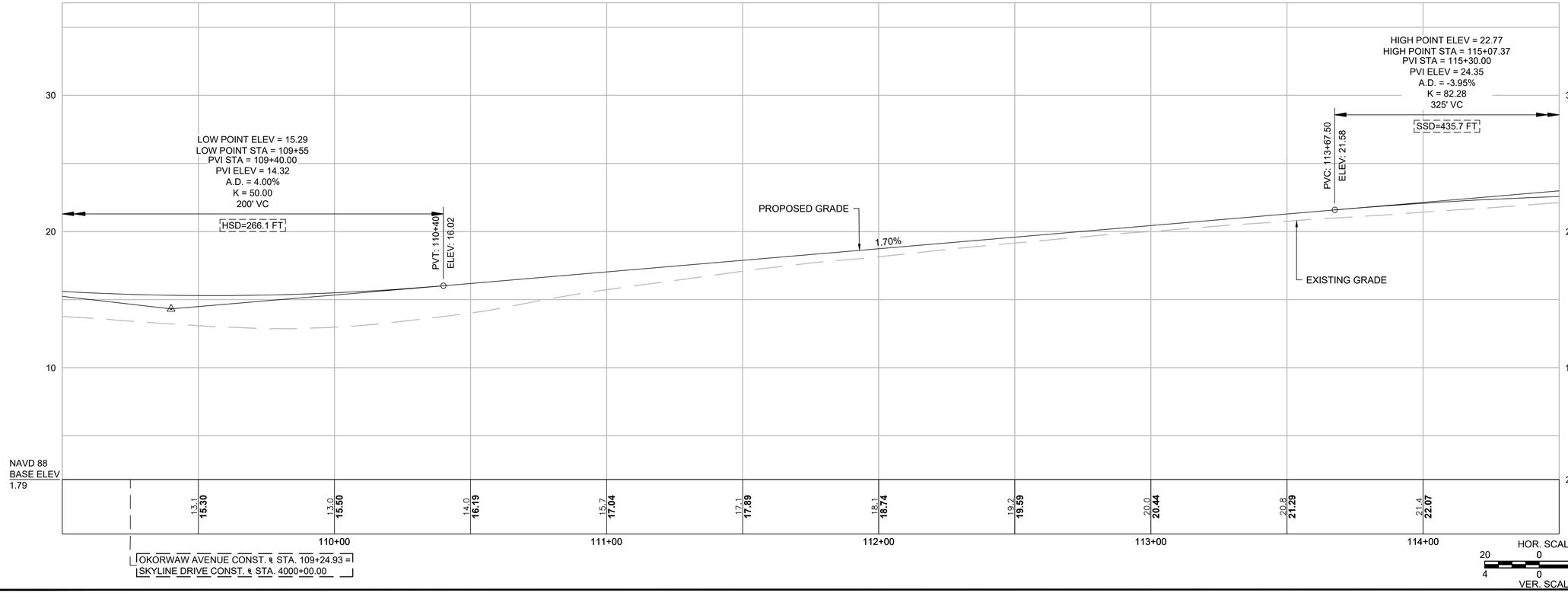
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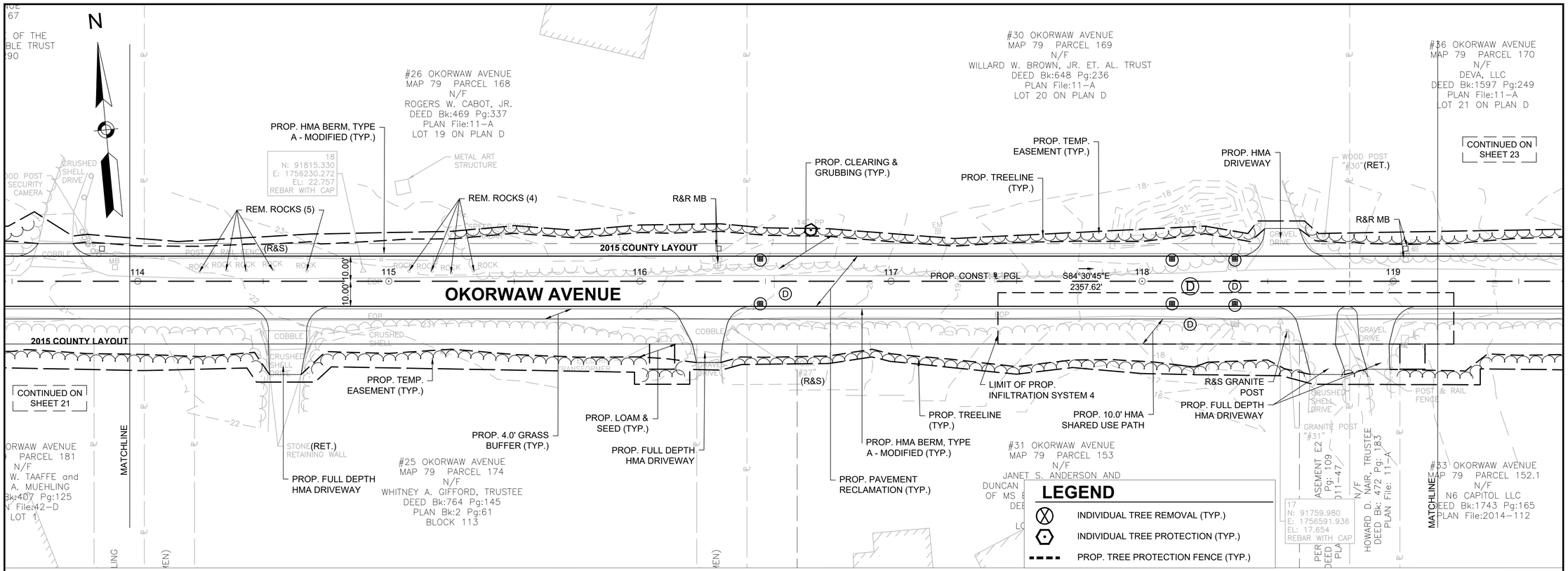
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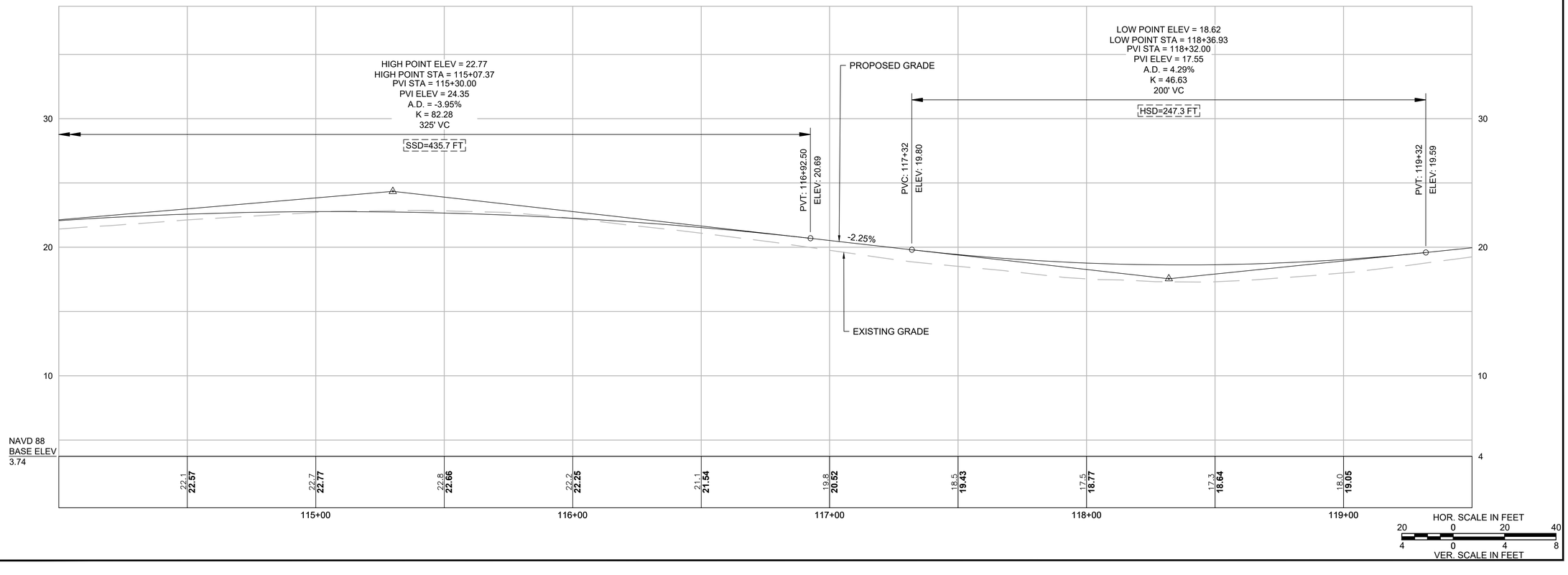
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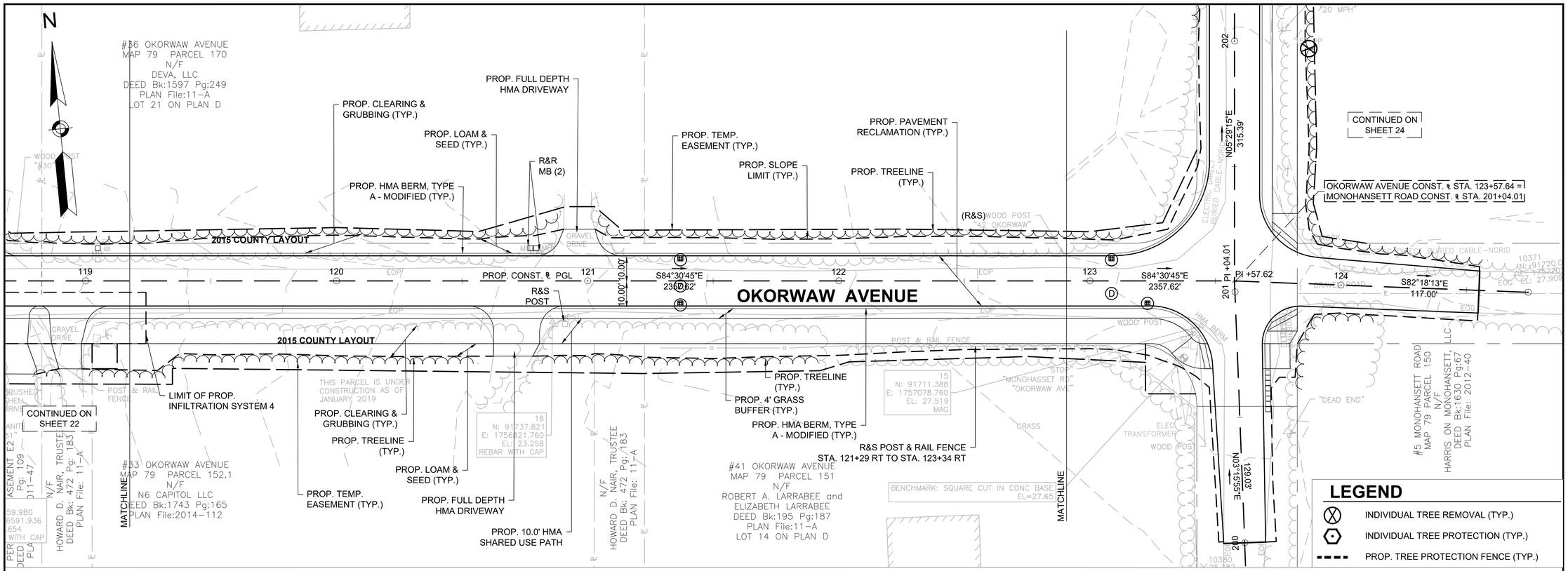
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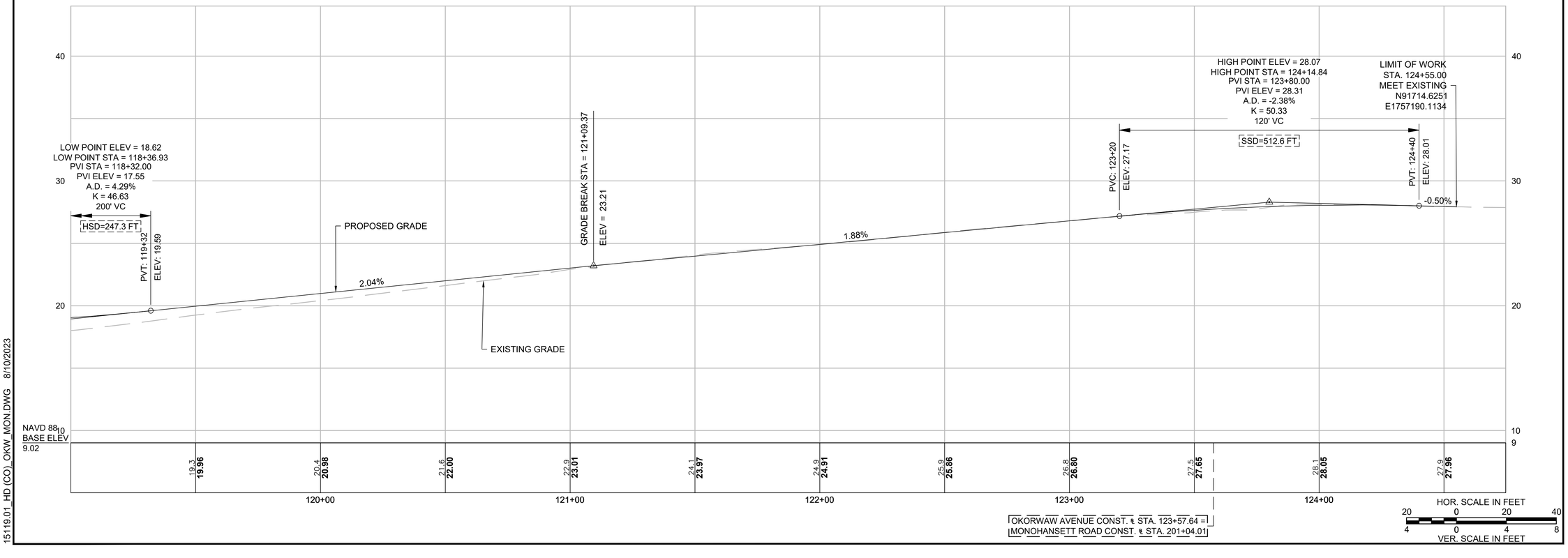
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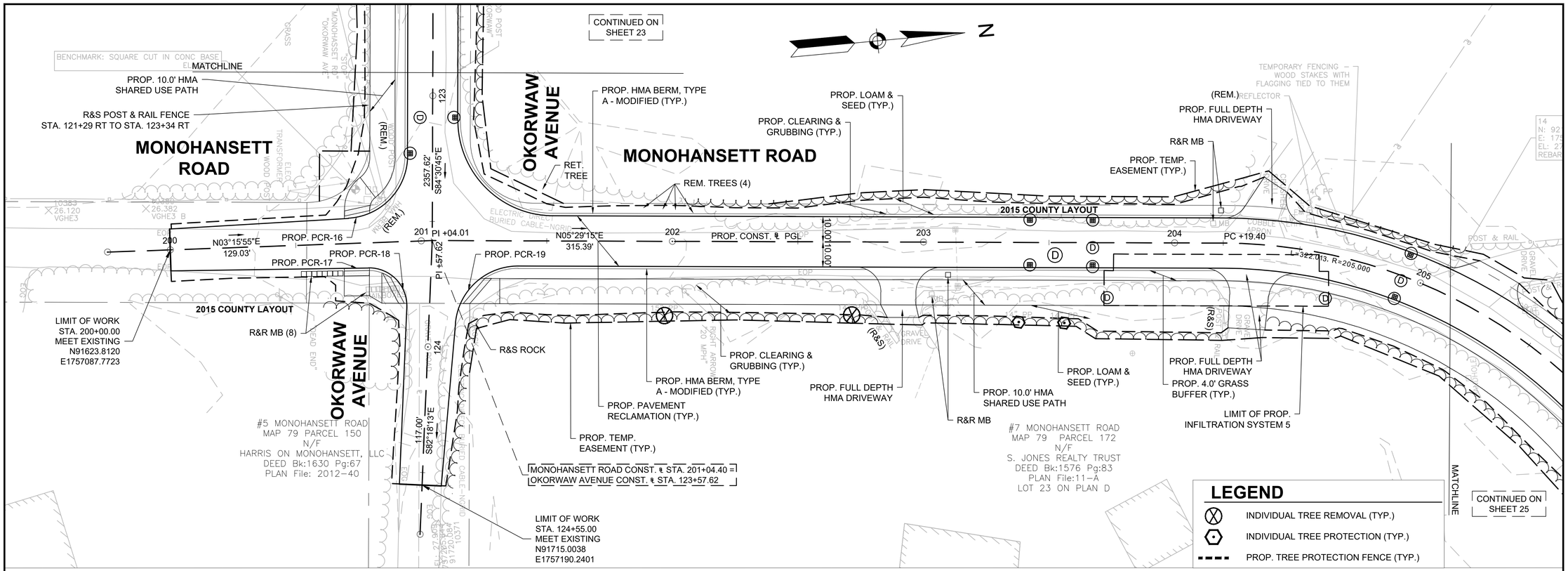
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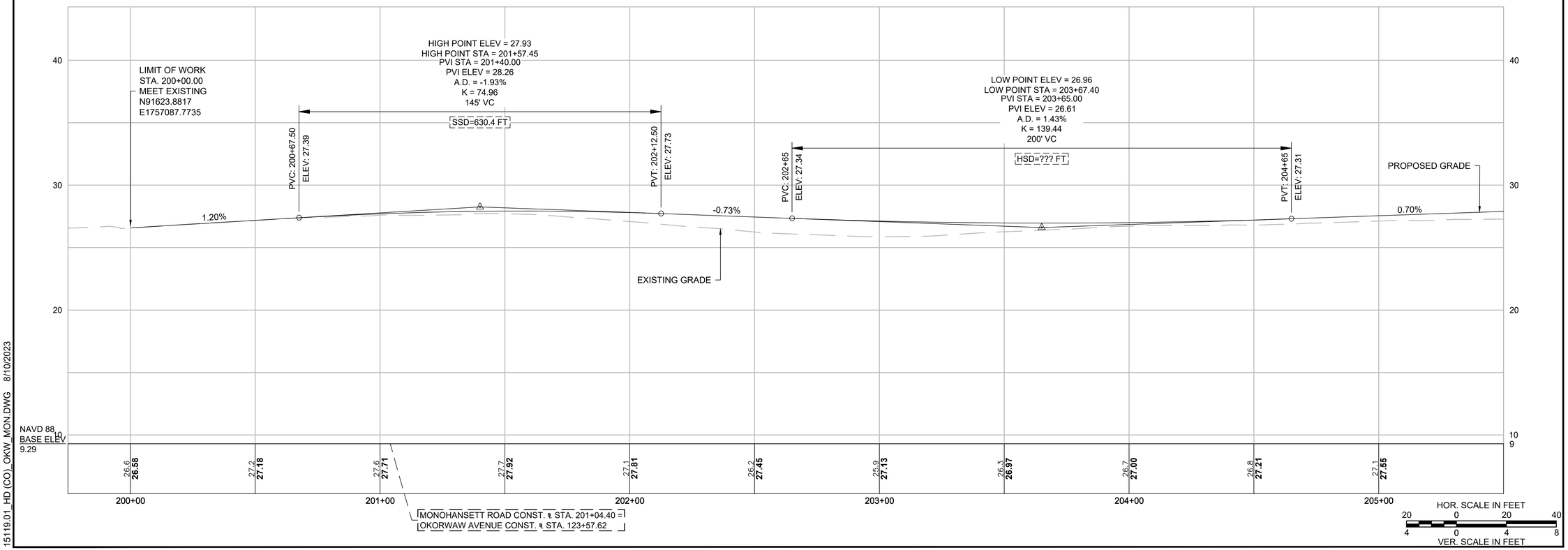
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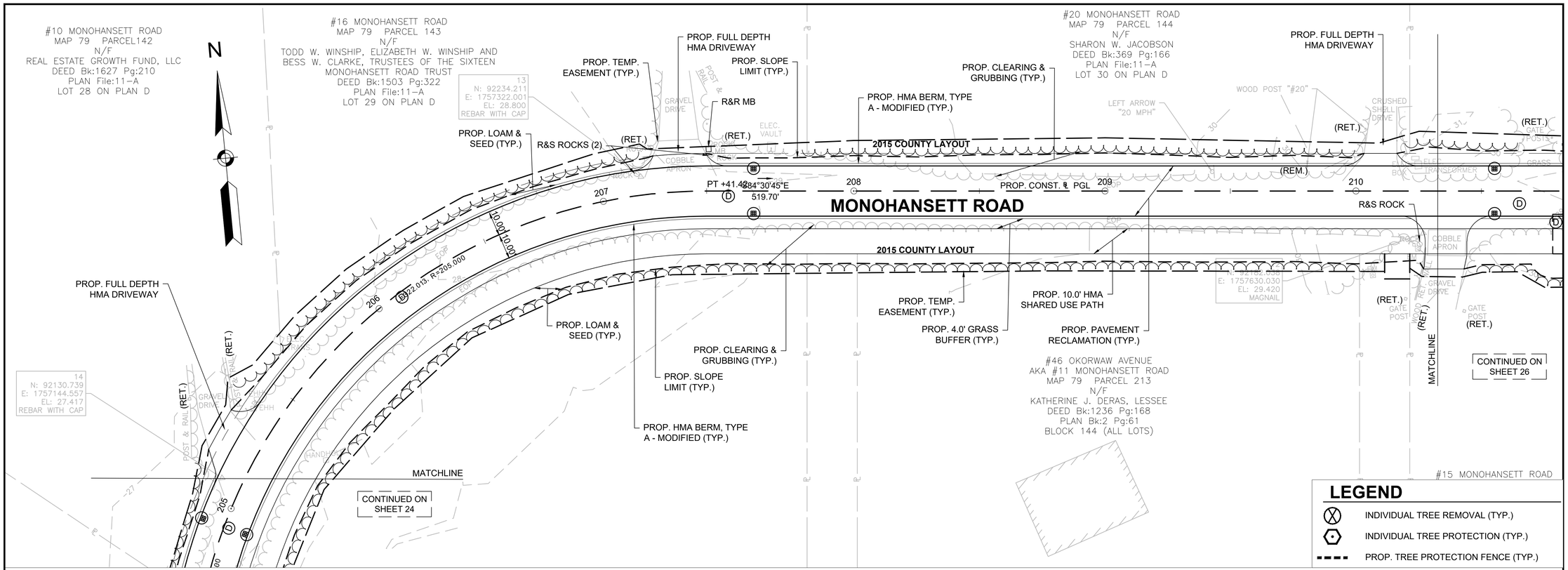
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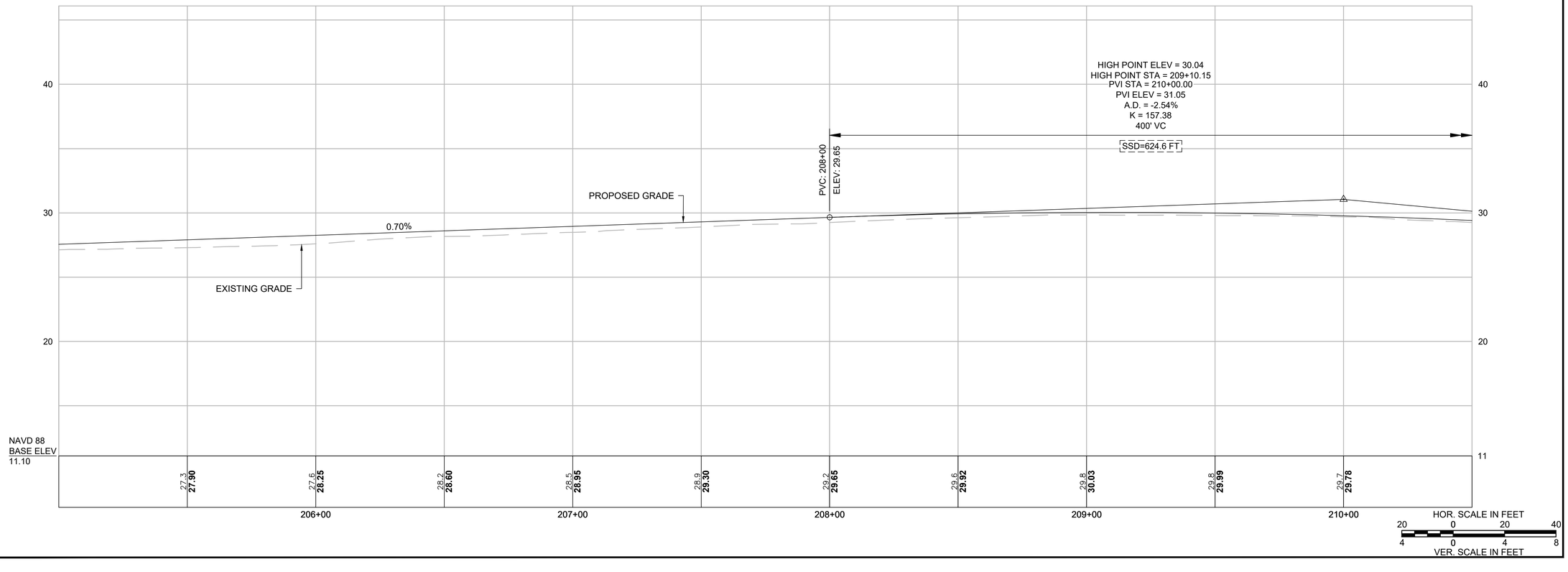
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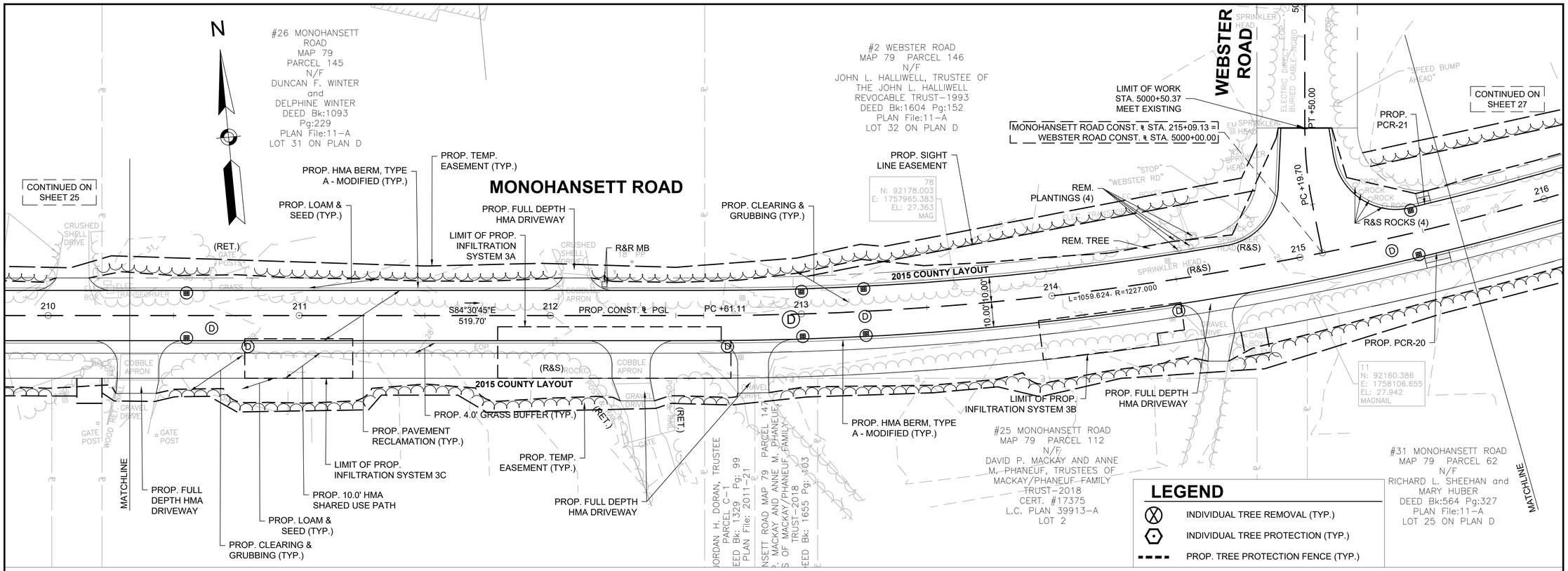
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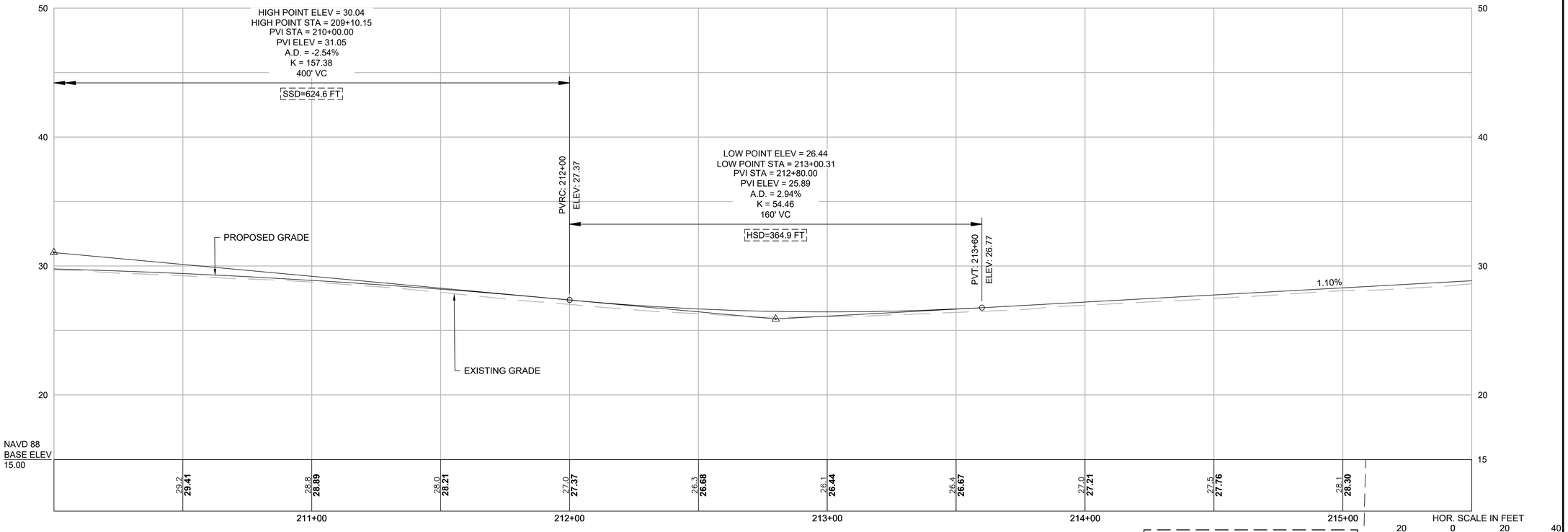
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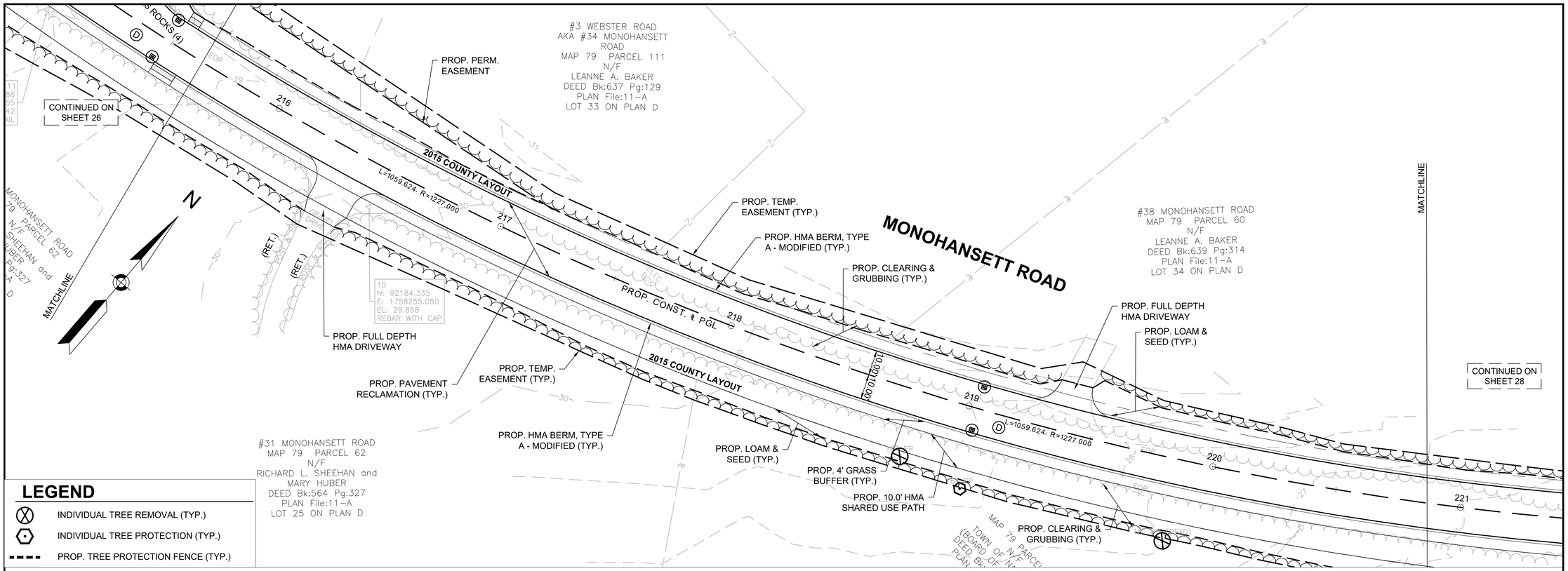
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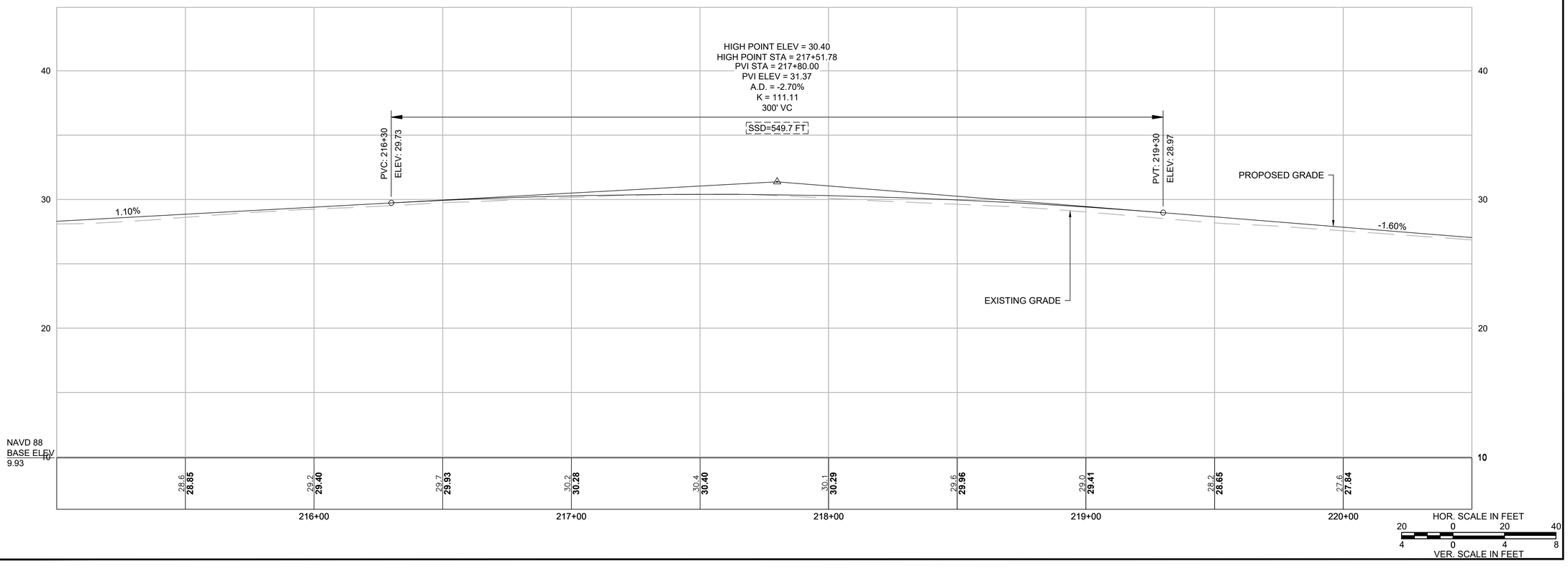
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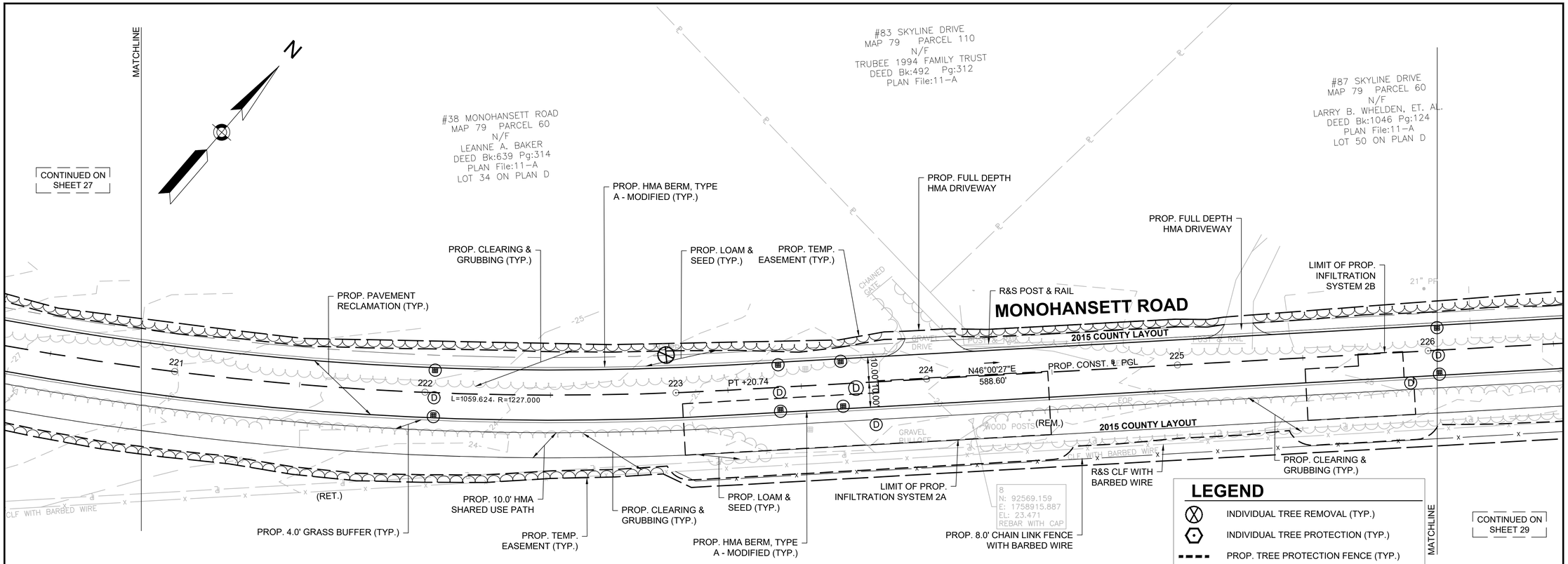
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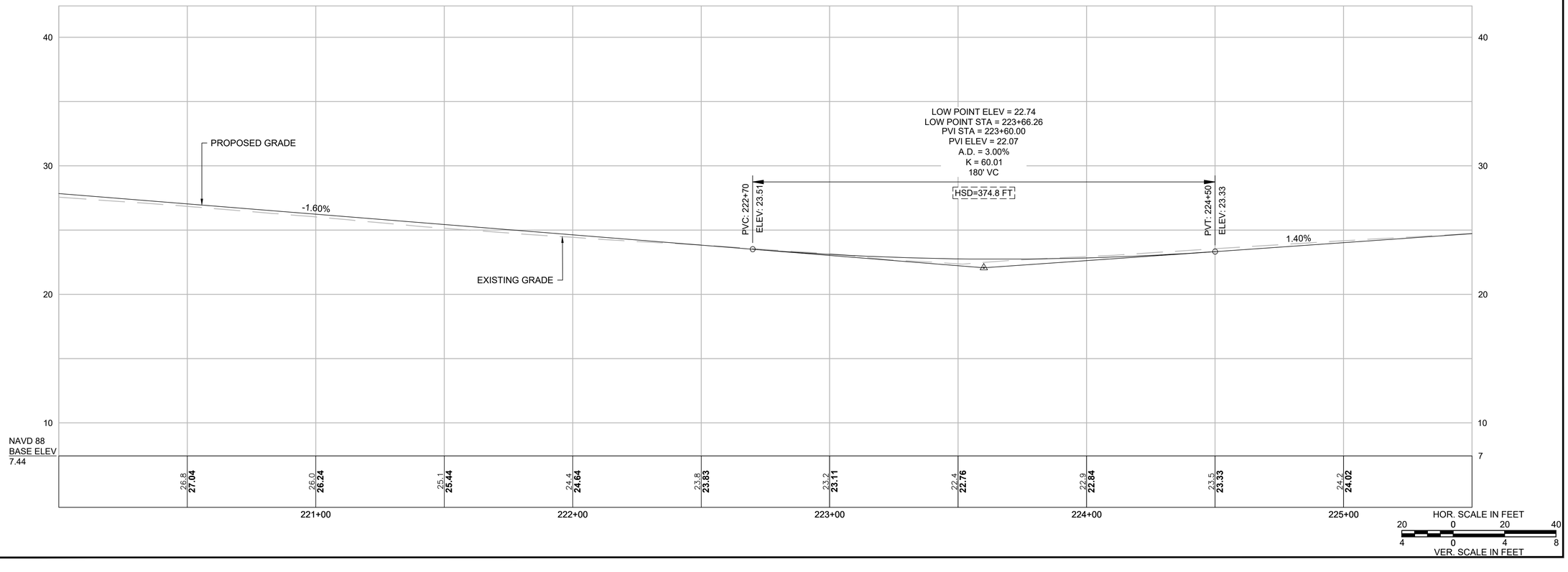
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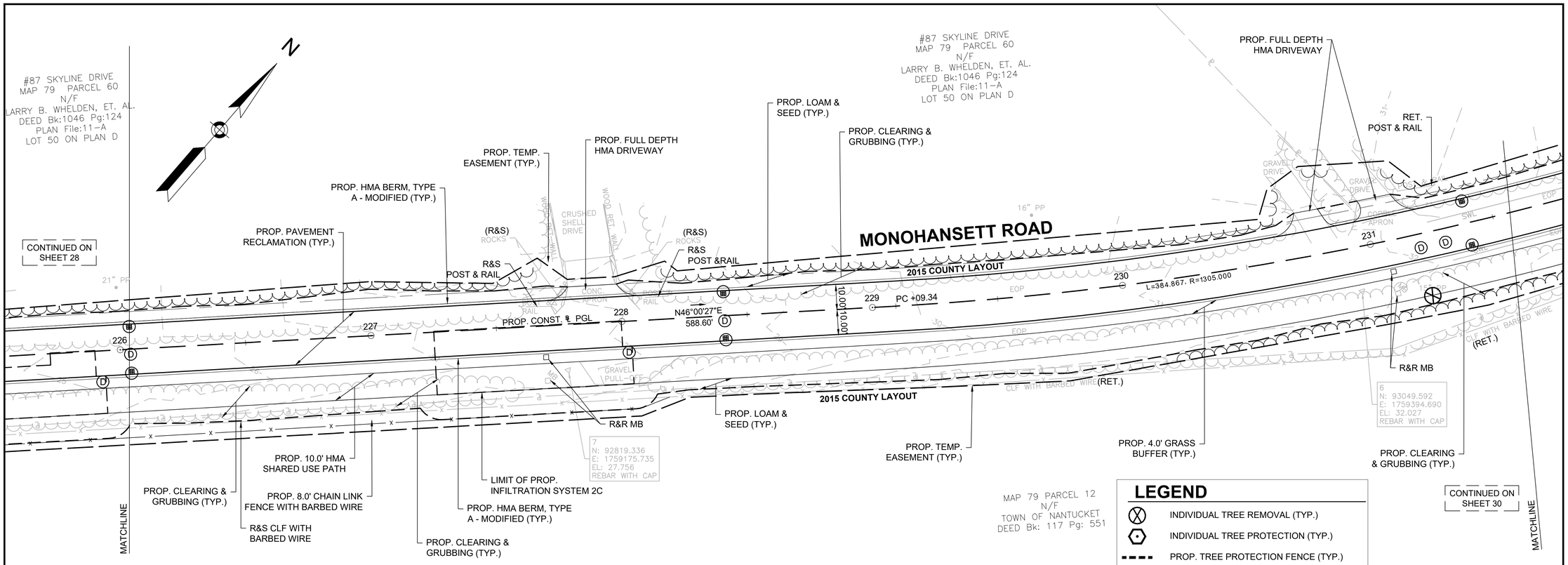
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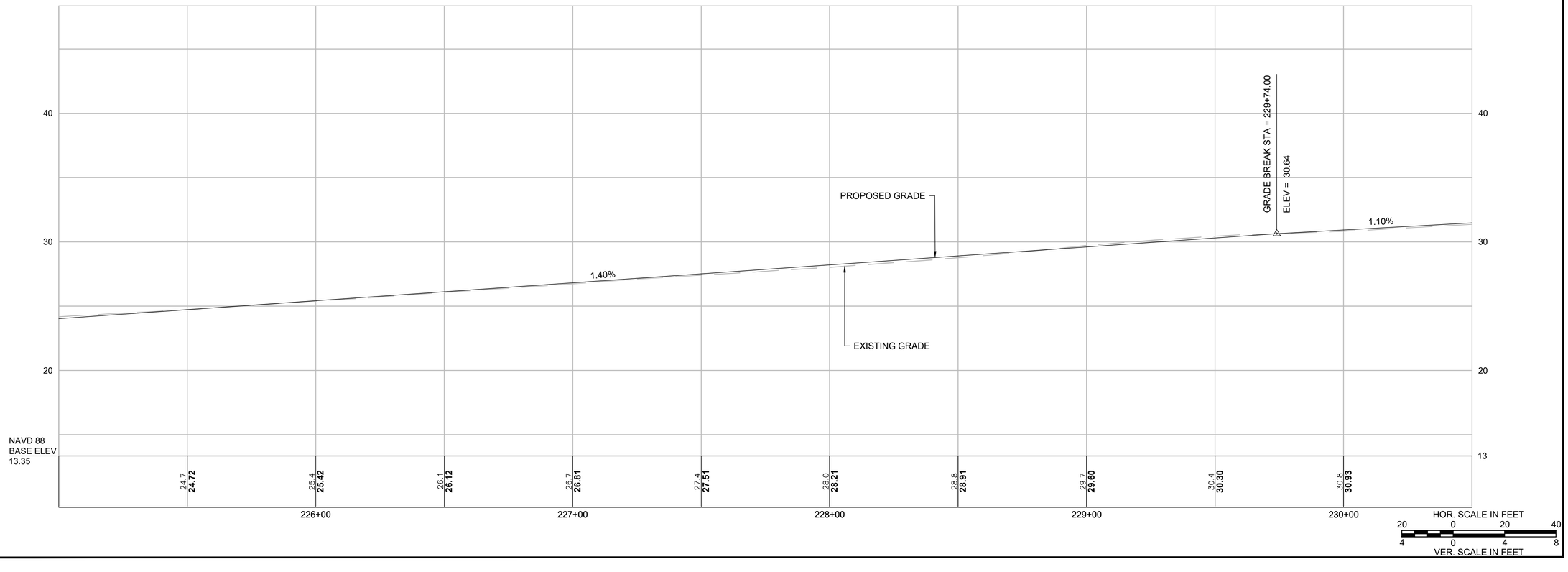
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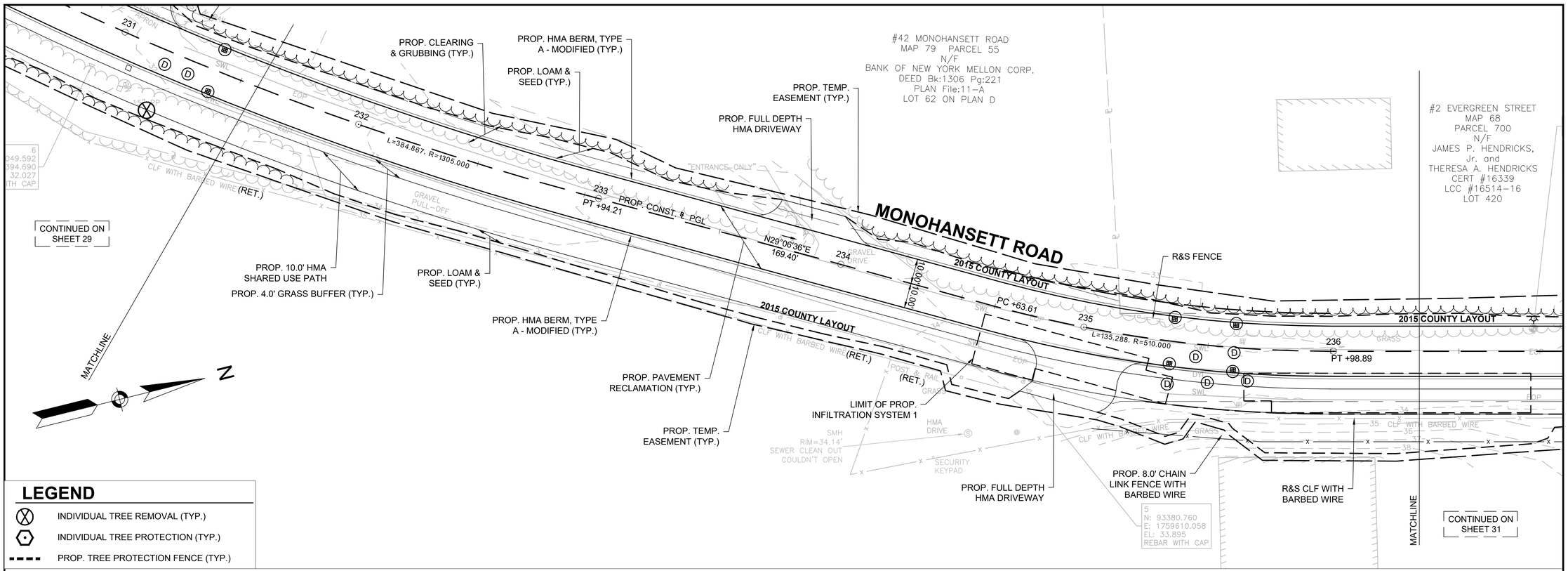
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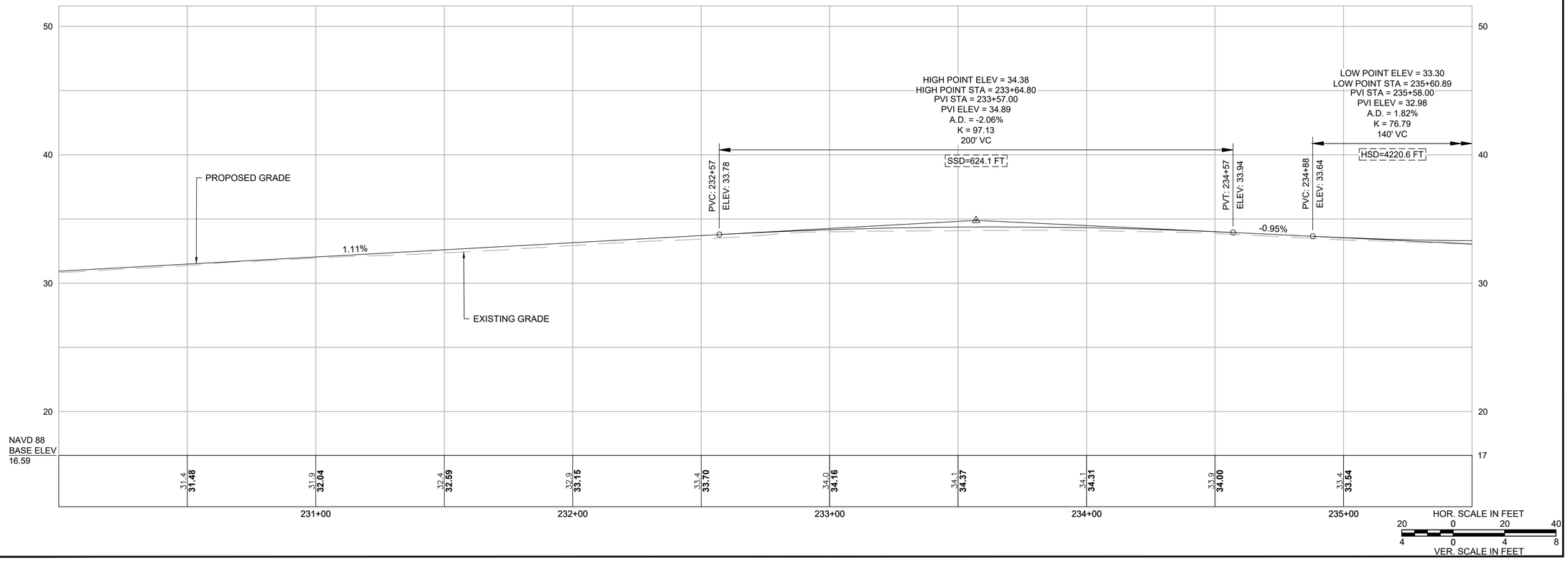
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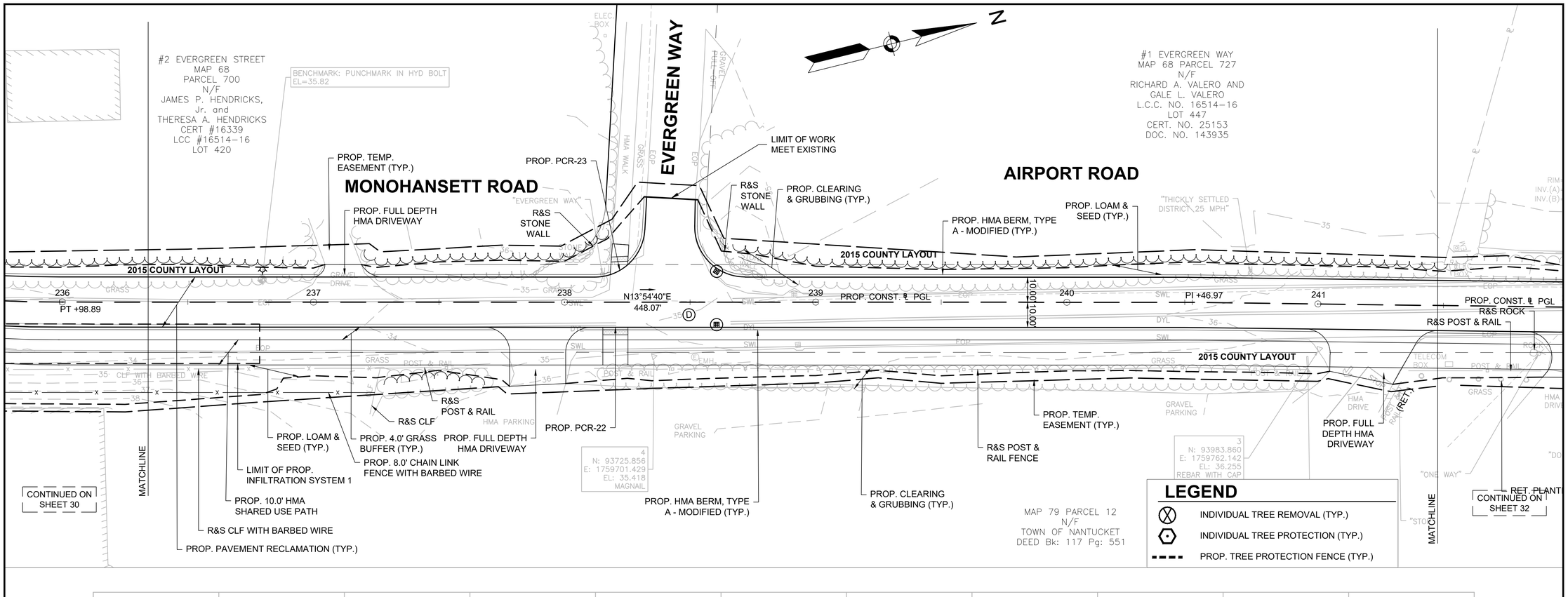
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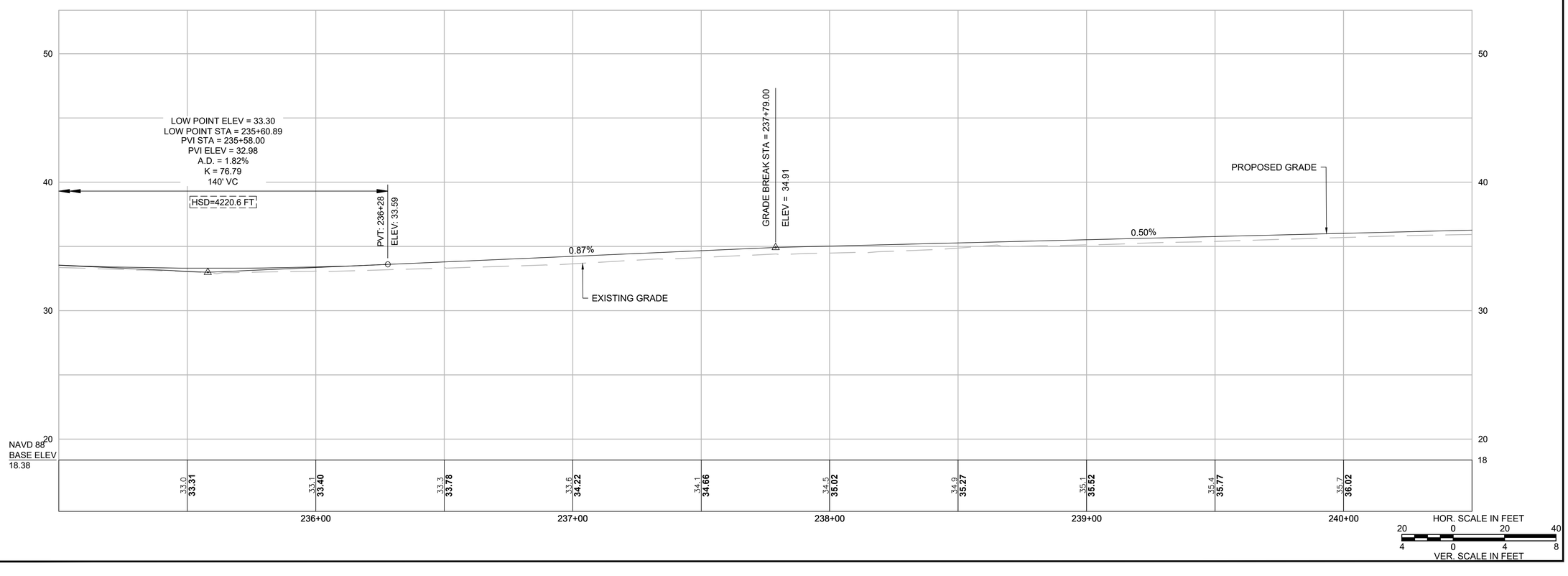
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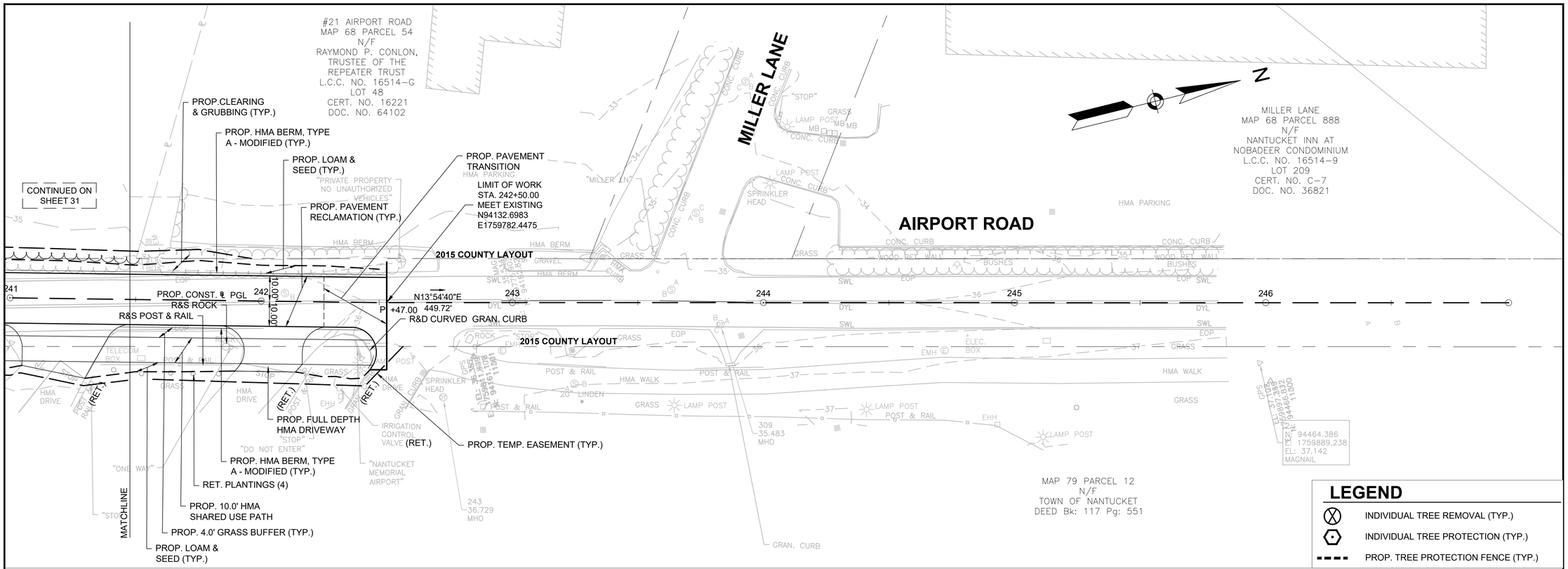
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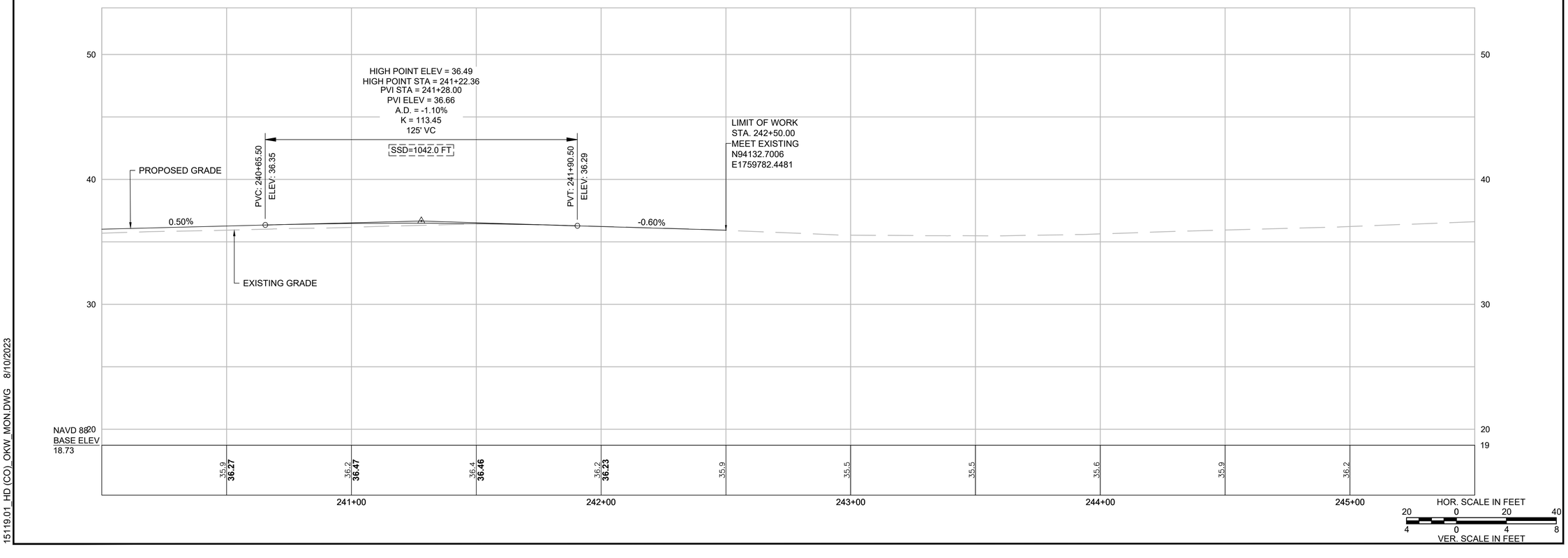
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LEGEND

- INDIVIDUAL TREE REMOVAL (TYP.)
- INDIVIDUAL TREE PROTECTION (TYP.)
- PROP. TREE PROTECTION FENCE (TYP.)



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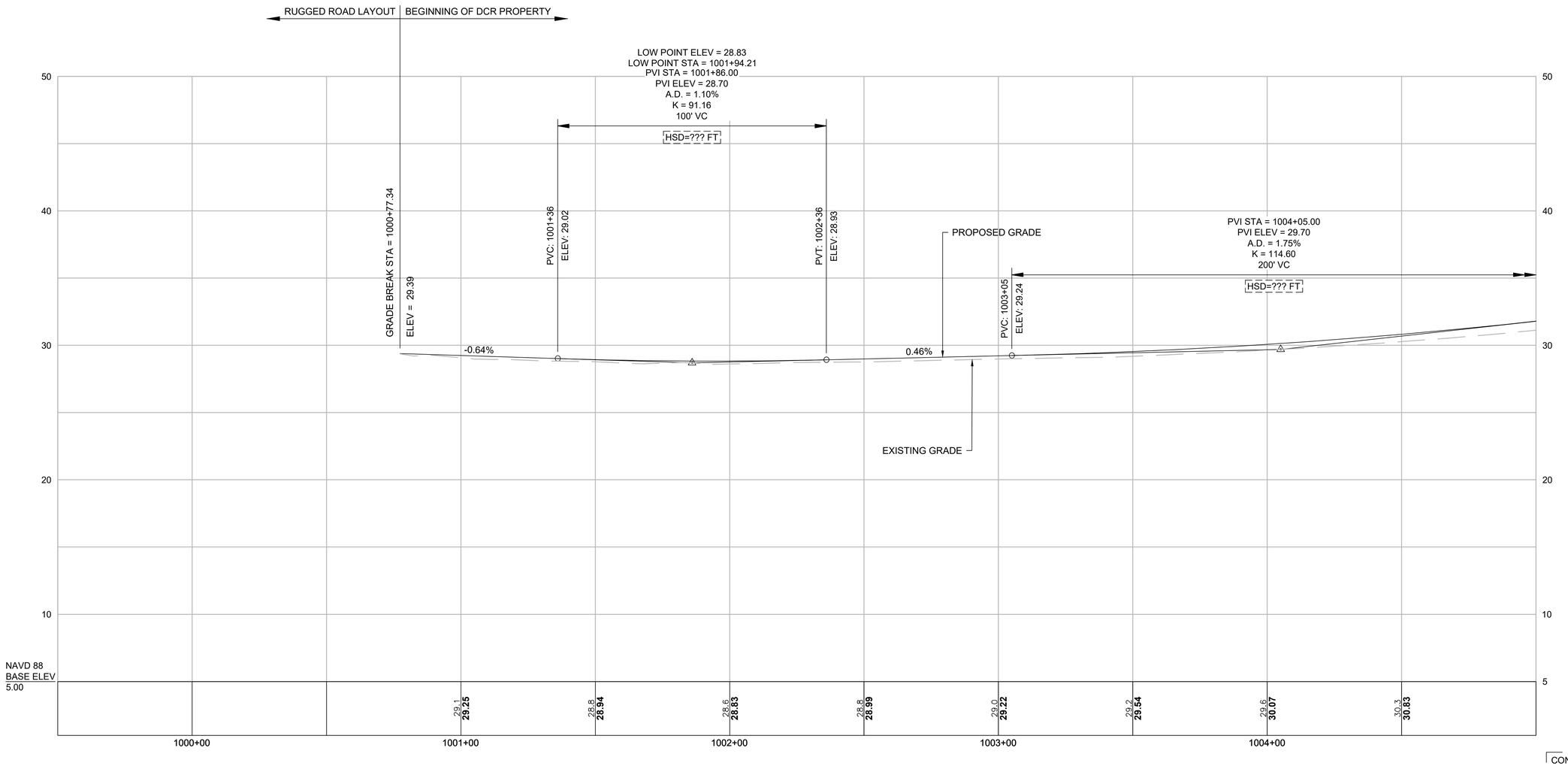
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DCR SHARED USE PATH



CONTINUED ON SHEET 34

FOR CONSTRUCTION PLAN: SEE SHEET 11

HOR. SCALE IN FEET
20 0 20 40
4 0 4 8
VER. SCALE IN FEET

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SURFSIDE AREA TRANSPORTATION ENHANCEMENTS
LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MA 02554

REVISIONS

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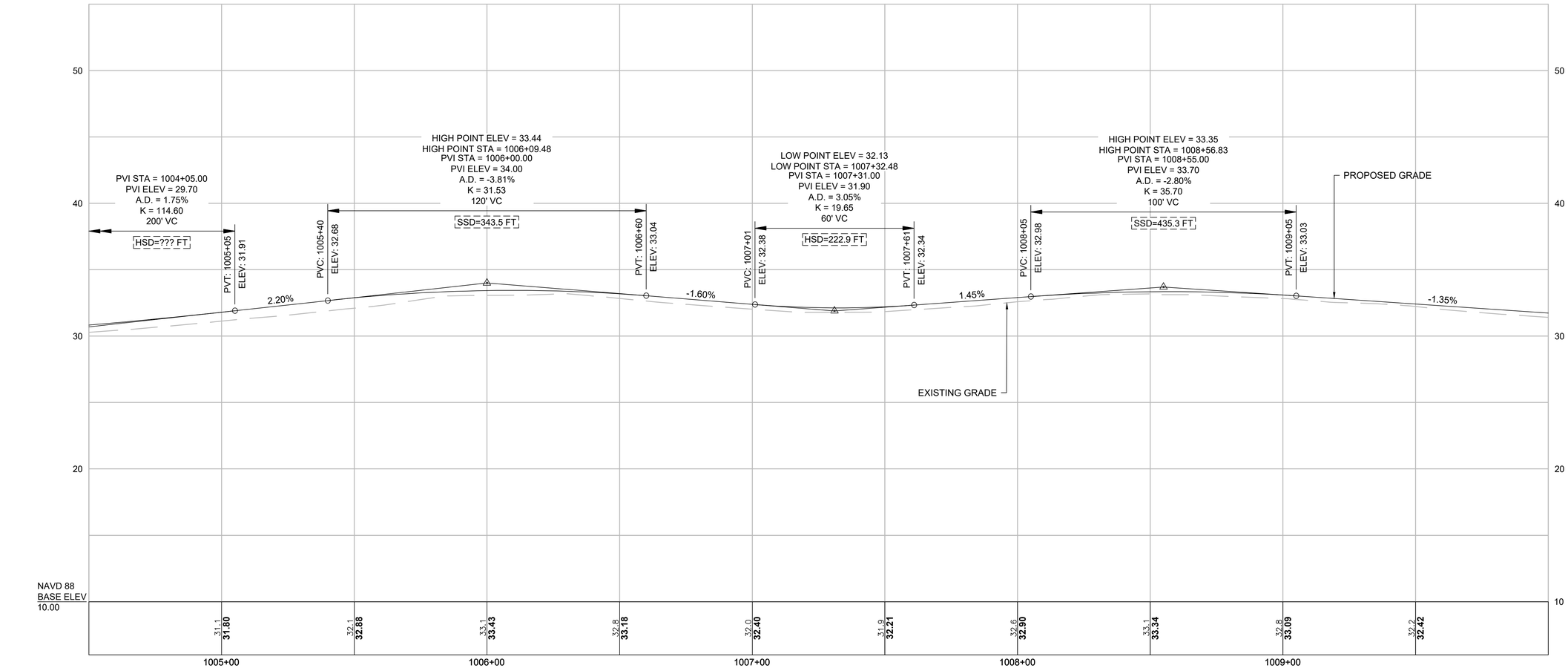
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CONSTRUCTION PROFILES - DCR SHARED USE PATH

SCALE: AS NOTED

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DCR SHARED USE PATH



CONTINUED ON SHEET 33

CONTINUED ON SHEET 35

FOR CONSTRUCTION PLAN: SEE SHEET 16

HOR. SCALE IN FEET
20 0 20 40
VER. SCALE IN FEET
4 0 4 8

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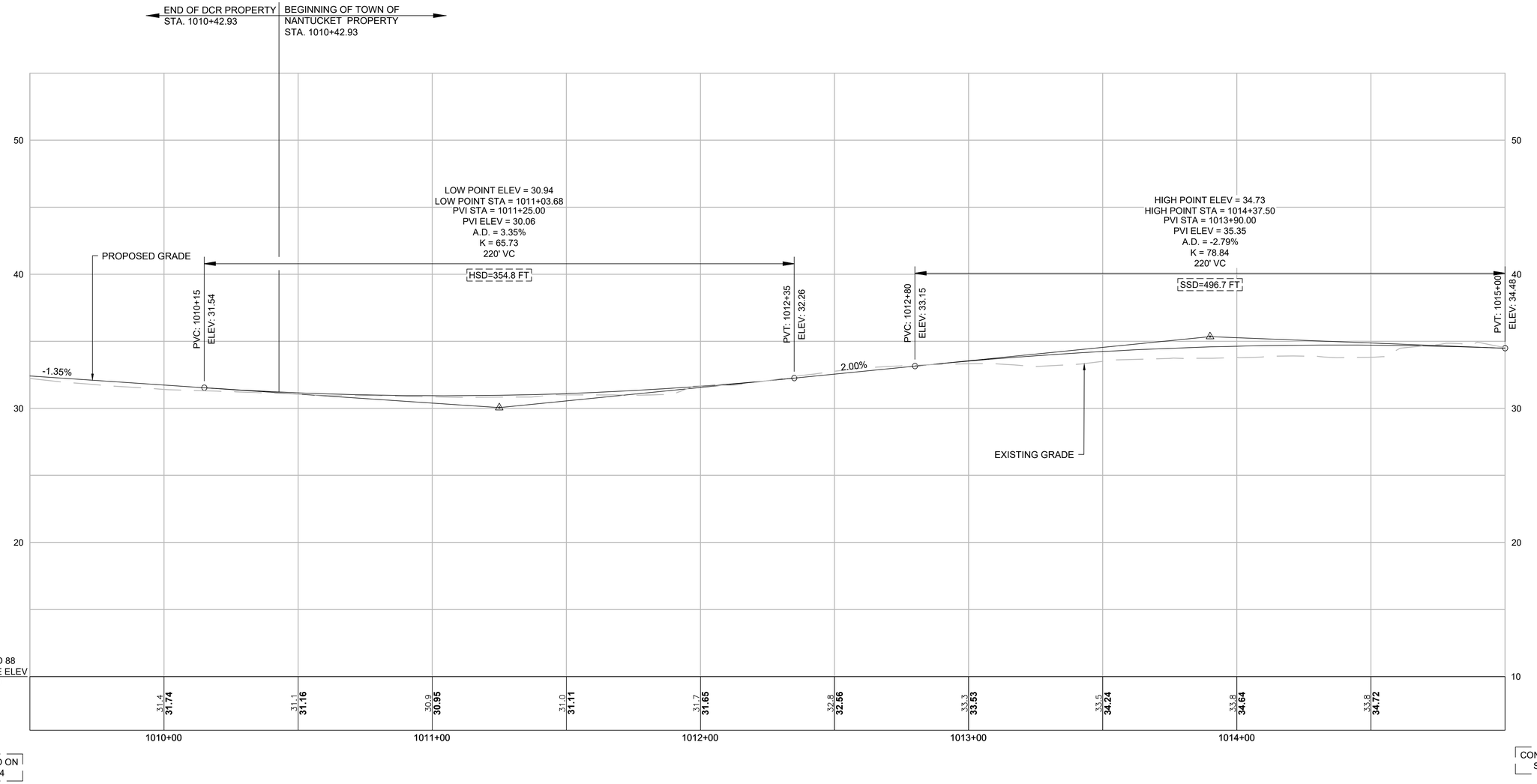
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DCR SHARED USE PATH



CONTINUED ON SHEET 34

CONTINUED ON SHEET 36

FOR CONSTRUCTION PLAN: SEE SHEETS 13

HOR. SCALE IN FEET
20 0 20 40
VER. SCALE IN FEET
4 0 4 8

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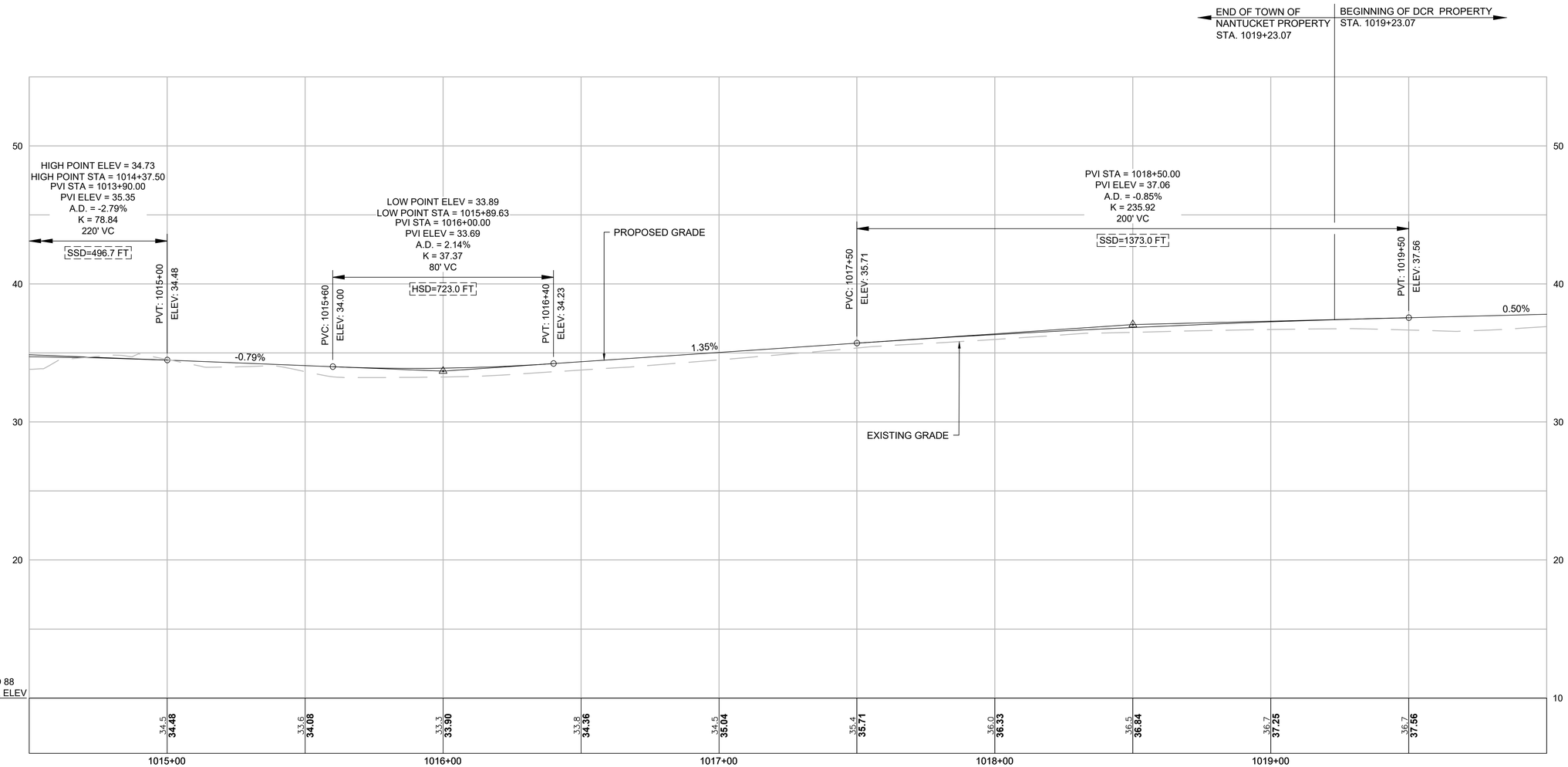
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DCR SHARED USE PATH



CONTINUED ON SHEET 35

CONTINUED ON SHEET 37

FOR CONSTRUCTION PLAN: SEE SHEETS 14

HOR. SCALE IN FEET
20 0 20 40
VER. SCALE IN FEET
4 0 4 8

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SURFSIDE AREA TRANSPORTATION ENHANCEMENTS
LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MA 02554

REVISIONS

NO.	REVISION	DATE

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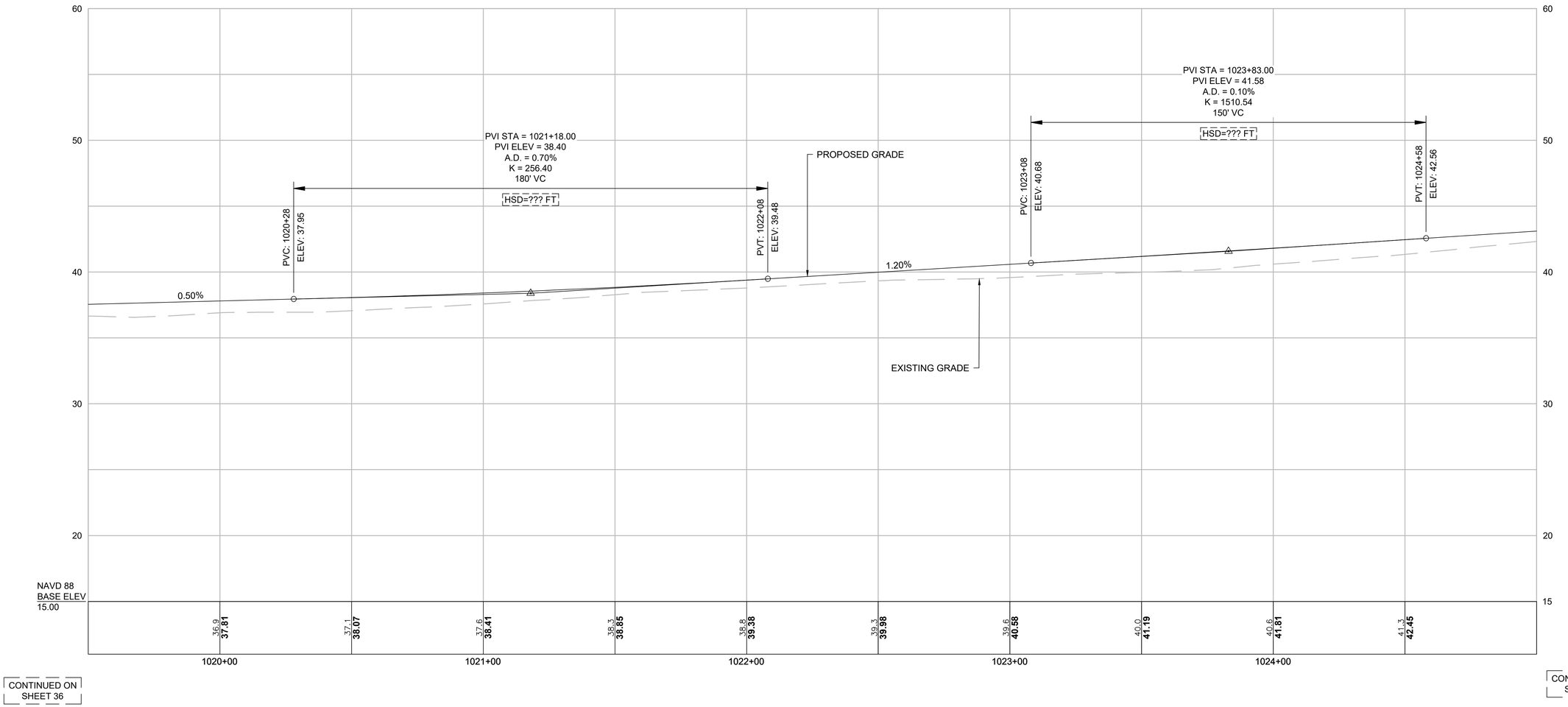
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CPD	BAM

CONSTRUCTION PROFILES - DCR SHARED USE PATH

SCALE: AS NOTED

15119

DCR SHARED USE PATH



CONTINUED ON SHEET 36

CONTINUED ON SHEET 38

FOR CONSTRUCTION PLAN: SEE SHEETS 15

HOR. SCALE IN FEET
20 0 20 40
4 0 4 8
VER. SCALE IN FEET

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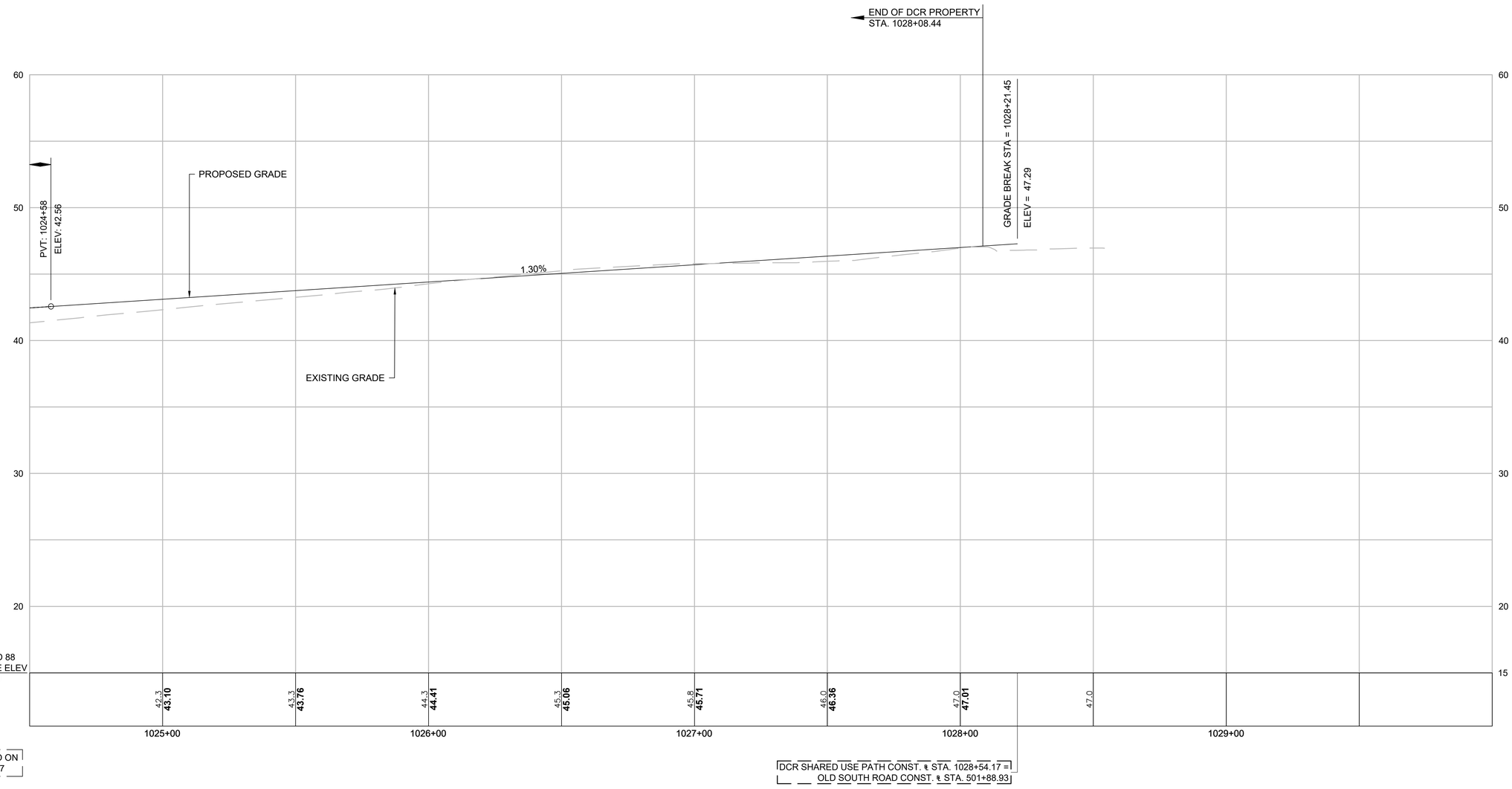
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CONSTRUCTION PROFILES - DCR SHARED USE PATH

SCALE: AS NOTED

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DCR SHARED USE PATH



FOR CONSTRUCTION PLAN: SEE SHEET 16

HOR. SCALE IN FEET
20 0 20 40
VER. SCALE IN FEET
4 0 4 8

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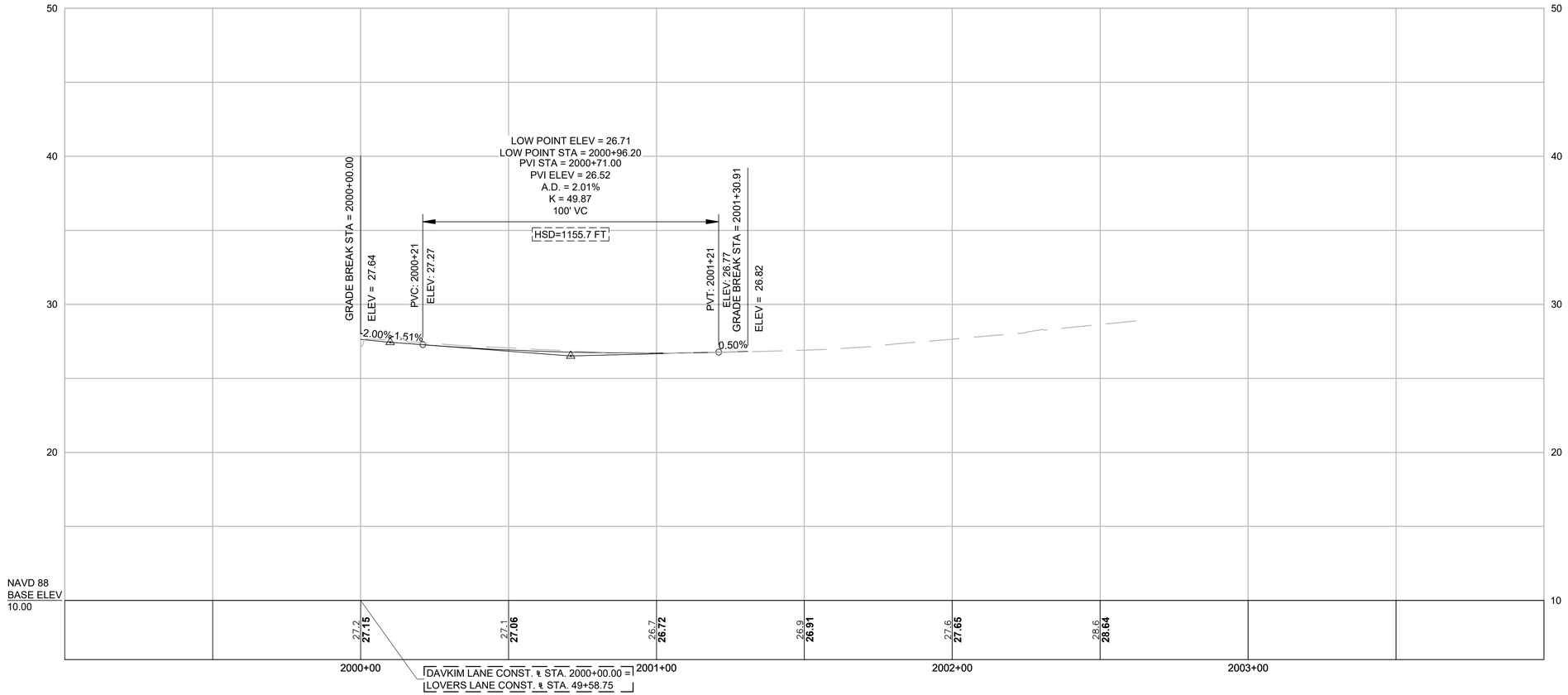
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CONSTRUCTION PROFILES - DCR SHARED USE PATH

SCALE: AS NOTED

15119

DAVKIM LANE



FOR CONSTRUCTION PLAN: SEE SHEET 12

HOR. SCALE IN FEET
20 0 20 40
4 0 4 8
VER. SCALE IN FEET

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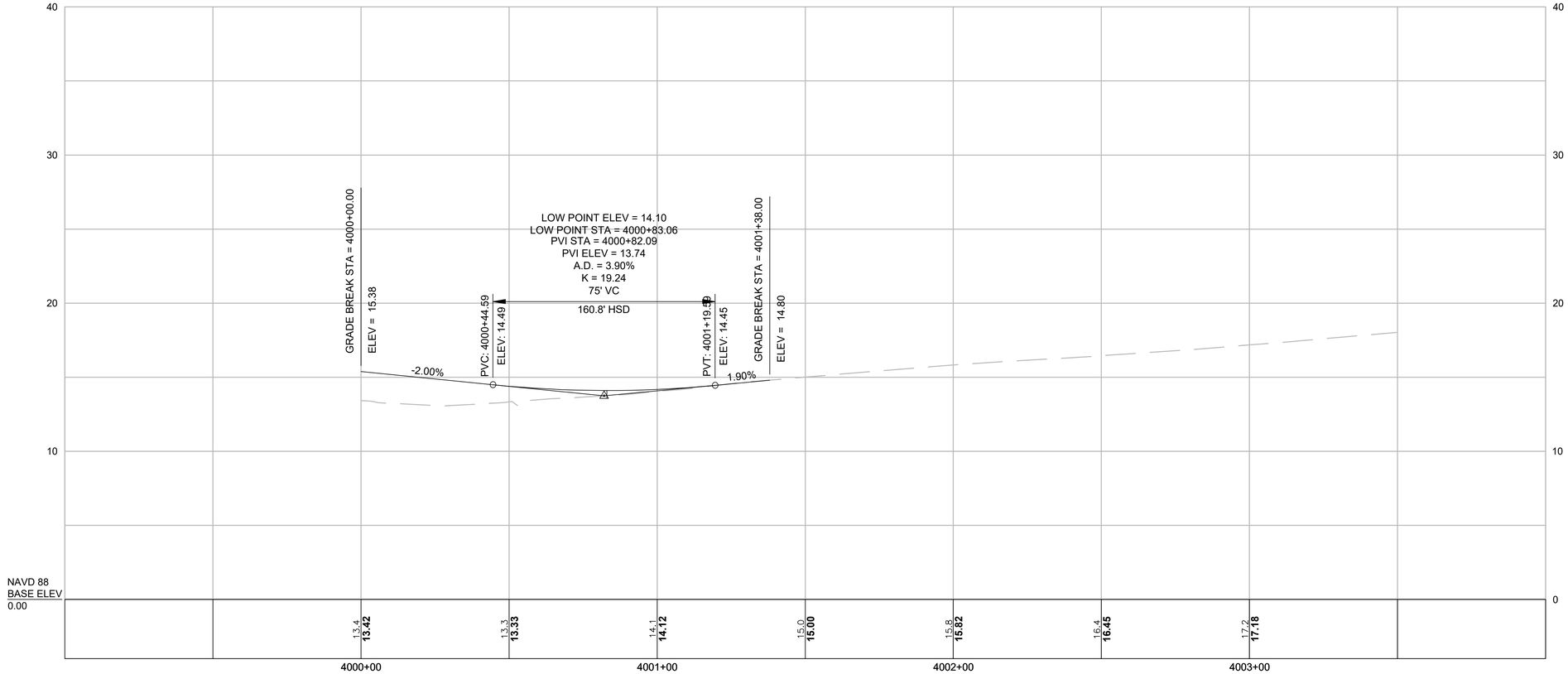
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CONSTRUCTION PROFILES - DAVKIM LANE

SCALE: AS NOTED

15119

SKYLINE DRIVE



FOR CONSTRUCTION PLAN: SEE SHEET 21

HOR. SCALE IN FEET
20 0 20 40
4 0 4 8
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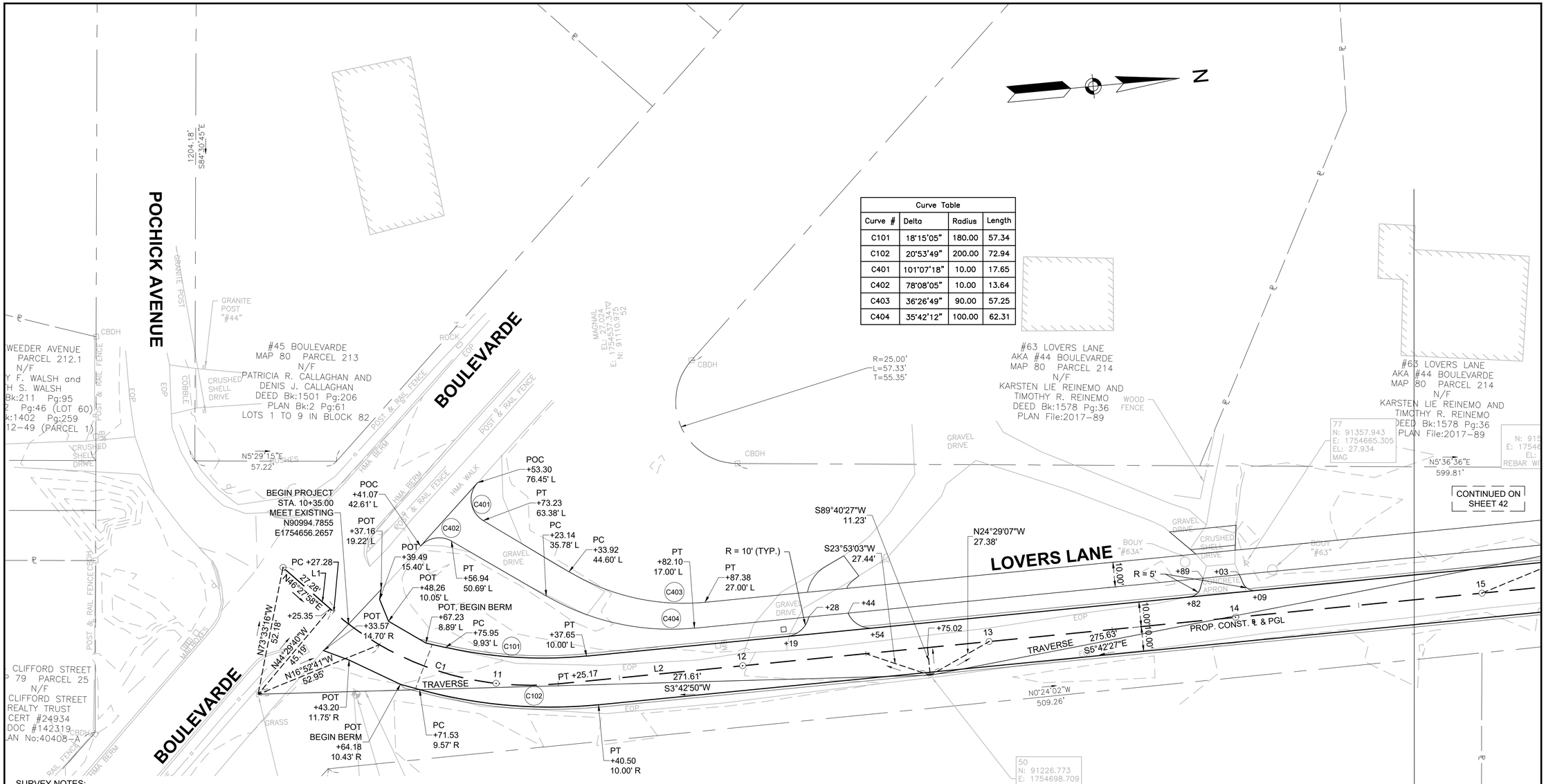
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		08/09/2023

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EMD	BAM

CONSTRUCTION PROFILES - SKYLINE DRIVE

SCALE: AS NOTED

15119



Curve Table			
Curve #	Delta	Radius	Length
C101	18°15'05"	180.00	57.34
C102	20°53'49"	200.00	72.94
C401	101°07'18"	10.00	17.65
C402	78°08'05"	10.00	13.64
C403	36°26'49"	90.00	57.25
C404	35°42'12"	100.00	62.31

SURVEY NOTES:

1. THE SURVEY CONTROL NETWORK WAS SET BY AN INSTRUMENT FIELD SURVEY PERFORMED BY GREENMAN-PEDERSEN, INC. (GPI) IN FEBRUARY, 2018.
2. THE BASEPLAN WAS COMPILED FROM DATA COLLETED VIA TRADITIONAL TOTAL STATION BY GPI IN FEBRUARY-APRIL, 2018.
3. THE HORIZONTAL DATUM SHOWN HEREON IS BASED UPON THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM - ISLAND ZONE REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83) (2011), EPOCH 2010.00 AS ESTABLISHED BY GPI VIA GPS OBSERVATION.
4. THE VERTICAL DATUM SHOWN HEREON REFERENCES THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS ESTABLISHED BY GPI VIA GPS OBSERVATION.
5. THE UNITS SHOWN HEREIN ARE US SURVEY FEET.
6. CONTOUR INTERVAL: 1 FOOT
7. THE RIGHT-OF-WAY AND PROPERTY BOUNDARY WAS ESTABLISHED VIA CADASTRAL SURVEY, FOUND MONUMENTATION AND RECORD INFORMATION INCLUDING DEEDS, PLANS AND ASSESSORS INFORMATION OBTAINED AT THE NORFOLK COUNTY REGISTRY OF DEEDS, AND THE TOWN ENGINEERING AND ASSESSING DEPARTMENTS.
8. SUBSURFACE UTILITY INFORMATION SHOWN HEREON IS APPROXIMATE ONLY AND WAS COMPILED FROM SURFACE EVIDENCE AND SUPPLEMENTED WITH RECORD UTILITY INFORMATION WHERE AVAILABLE. ALL UNDERGROUND UTILITY MAPPING IS IN COMPLIANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION SUBSURFACE UTILITY ENGINEERING QUALITY LEVEL C. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION TO VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES. GREENMAN-PEDERSEN, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. COORDINATION WITH THE APPROPRIATE UTILITIES BEFORE AND DURING DESIGN OF FUTURE CONNECTIONS IS REQUIRED.
9. CONTACT "DIG SAFE" AT 1 (888) 344-7233 PRIOR TO CONSTRUCTION.

RS LANE
'ARCEL 27
F
RAY and
FERRIS
15 Pg:197
78 Pg:285
e:11-A
PLAN D

LOVERS LANE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L1	10+00.00	90970.502	1754631.067		N46°27'58"E 27.28'	10+27.28	90989.293	1754650.845
C1	10+27.28	90989.293	1754650.845	R=120.00' Δ=46°44'15" L=97.89' T=51.85'		11+25.17	91076.858	1754688.190
L2	11+25.17	91076.858	1754688.190		N0°16'17"W 469.10'	15+94.26	91545.949	1754685.968

0 20 50 100
SCALE: 1" = 20'

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CHECKED BY: BAM

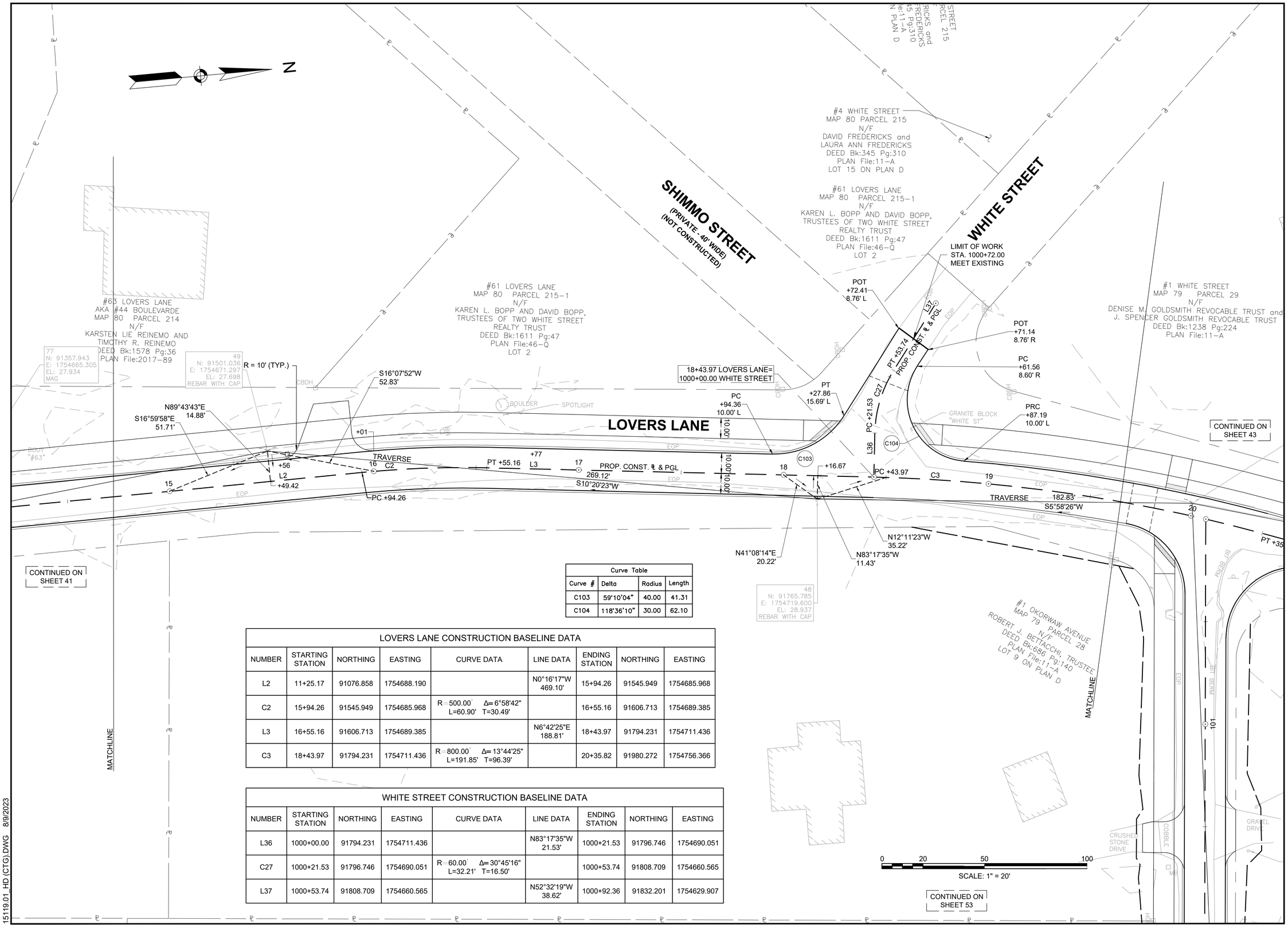
BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119

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15119.01_HD (CTG).DWG 8/9/2023



Curve Table			
Curve #	Delta	Radius	Length
C103	59°10'04"	40.00	41.31
C104	118°36'10"	30.00	62.10

LOVERS LANE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L2	11+25.17	91076.858	1754688.190		N0°16'17"W 469.10'	15+94.26	91545.949	1754685.968
C2	15+94.26	91545.949	1754685.968	R=500.00' Δ=6°58'42" L=60.90' T=30.49'		16+55.16	91606.713	1754689.385
L3	16+55.16	91606.713	1754689.385		N6°42'25"E 188.81'	18+43.97	91794.231	1754711.436
C3	18+43.97	91794.231	1754711.436	R=800.00' Δ=13°44'25" L=191.85' T=96.39'		20+35.82	91980.272	1754756.366

WHITE STREET CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L36	1000+00.00	91794.231	1754711.436		N83°17'35"W 21.53'	1000+21.53	91796.746	1754690.051
C27	1000+21.53	91796.746	1754690.051	R=60.00' Δ=30°45'16" L=32.21' T=16.50'		1000+53.74	91808.709	1754660.565
L37	1000+53.74	91808.709	1754660.565		N52°32'19"W 38.62'	1000+92.36	91832.201	1754629.907

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DRAWN/DESIGN BY: EMD
CHECKED BY: BAM

BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119

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LOVERS LANE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C3	18+43.97	91794.231	1754711.436	R=800.00' Δ=13°44'25" L=191.85' T=96.39'		20+35.82	91980.272	1754756.366
L4	20+35.82	91980.272	1754756.366		N20°26'50"E 1182.64'	32+18.46	93088.395	1755169.512

OKORWAW AVENUE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L26	100+00.00	91953.501	1754746.922		S84°30'45"E 2357.62'	123+57.62	91728.046	1757093.734

Curve Table			
Curve #	Delta	Radius	Length
C105	79°46'47"	35.00	48.73
C106	104°57'35"	35.00	64.12

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BASELINE & CURB TIE PLANS

SCALE: 1"=20'

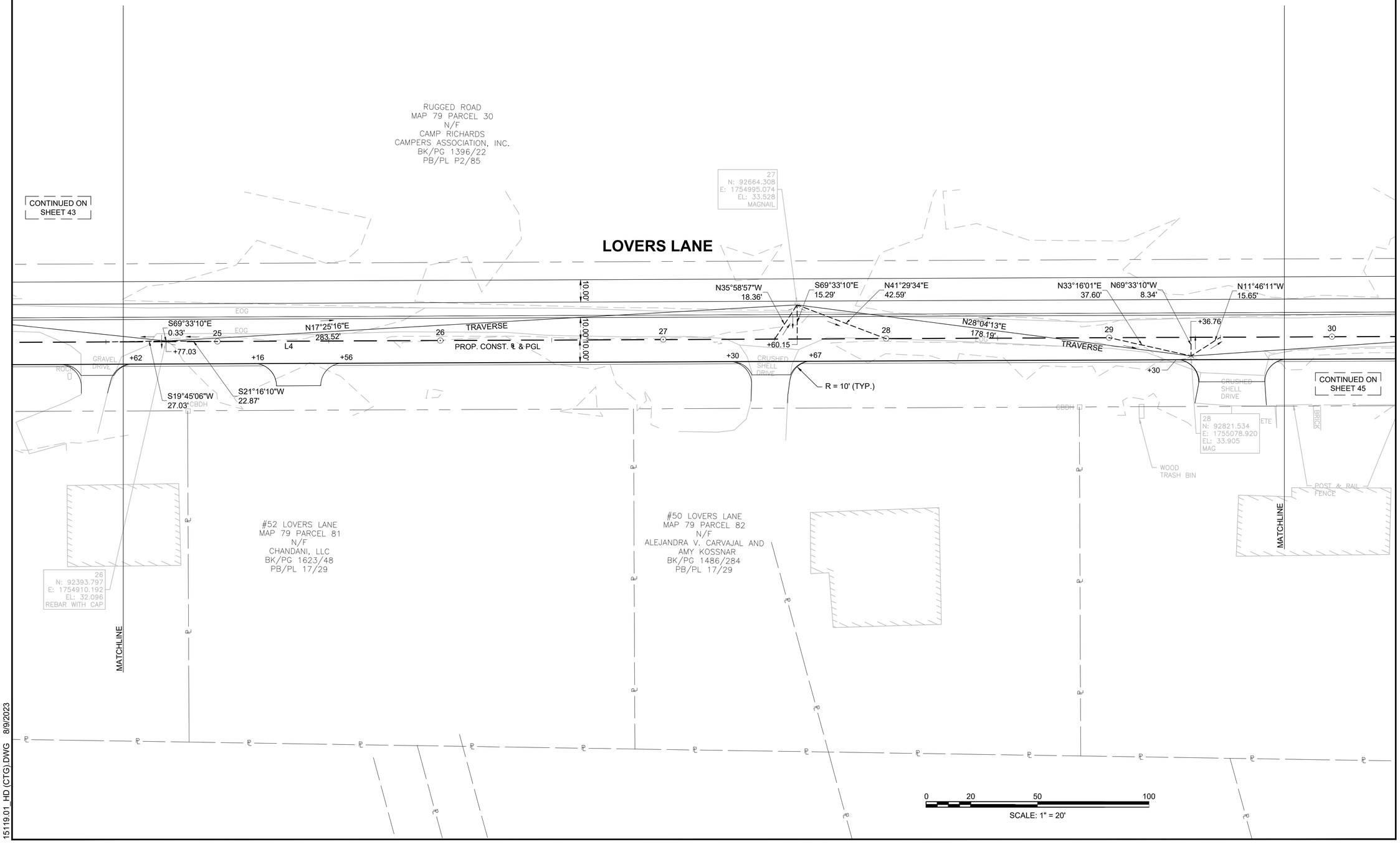
15119

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15119.01_HD (CTG).DWG 8/9/2023

SCALE: 1" = 20'

LOVERS LANE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L4	20+35.82	91980.272	1754756.366		N20°26'50"E 1182.64'	32+18.46	93088.395	1755169.512



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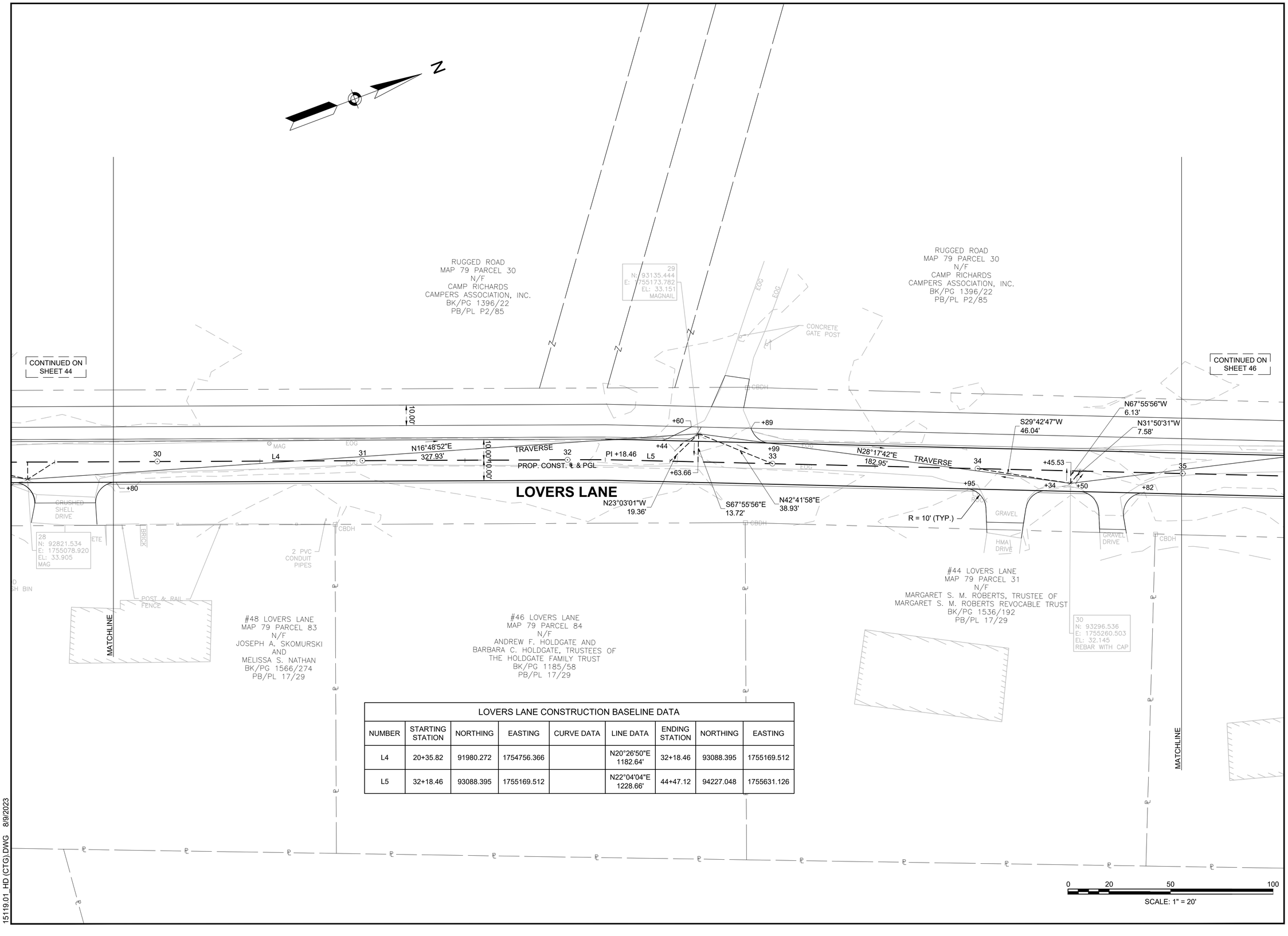
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BASELINE & CURB TIE PLANS

SCALE: 1"=20'

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LOVERS LANE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L4	20+35.82	91980.272	1754756.366		N20°26'50"E 1182.64'	32+18.46	93088.395	1755169.512
L5	32+18.46	93088.395	1755169.512		N22°04'04"E 1228.66'	44+47.12	94227.048	1755631.126

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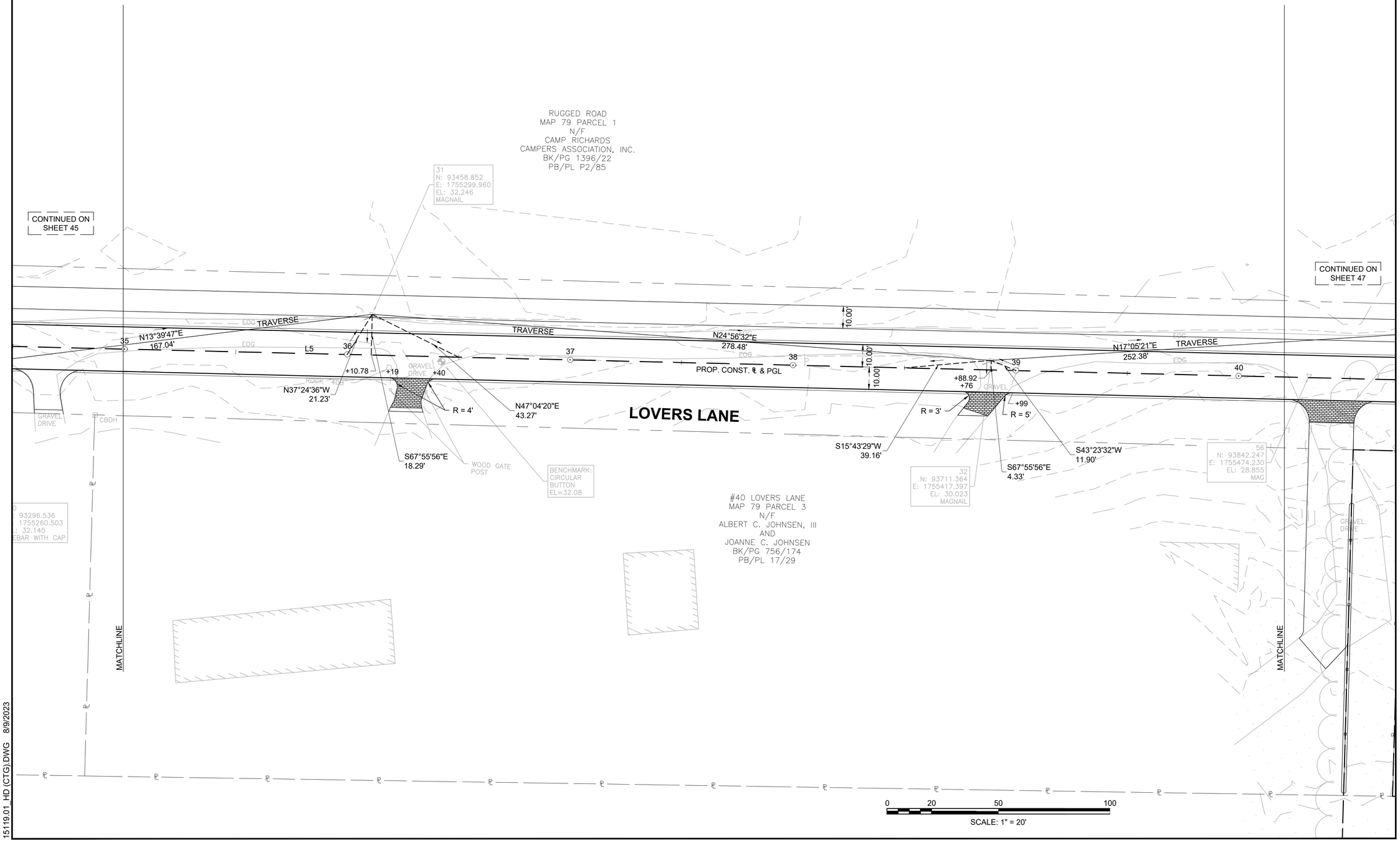
BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119

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LOVERS LANE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L5	32+18.46	93088.395	1755169.512		N22°04'04"E 1228.66'	44+47.12	94227.048	1755631.126



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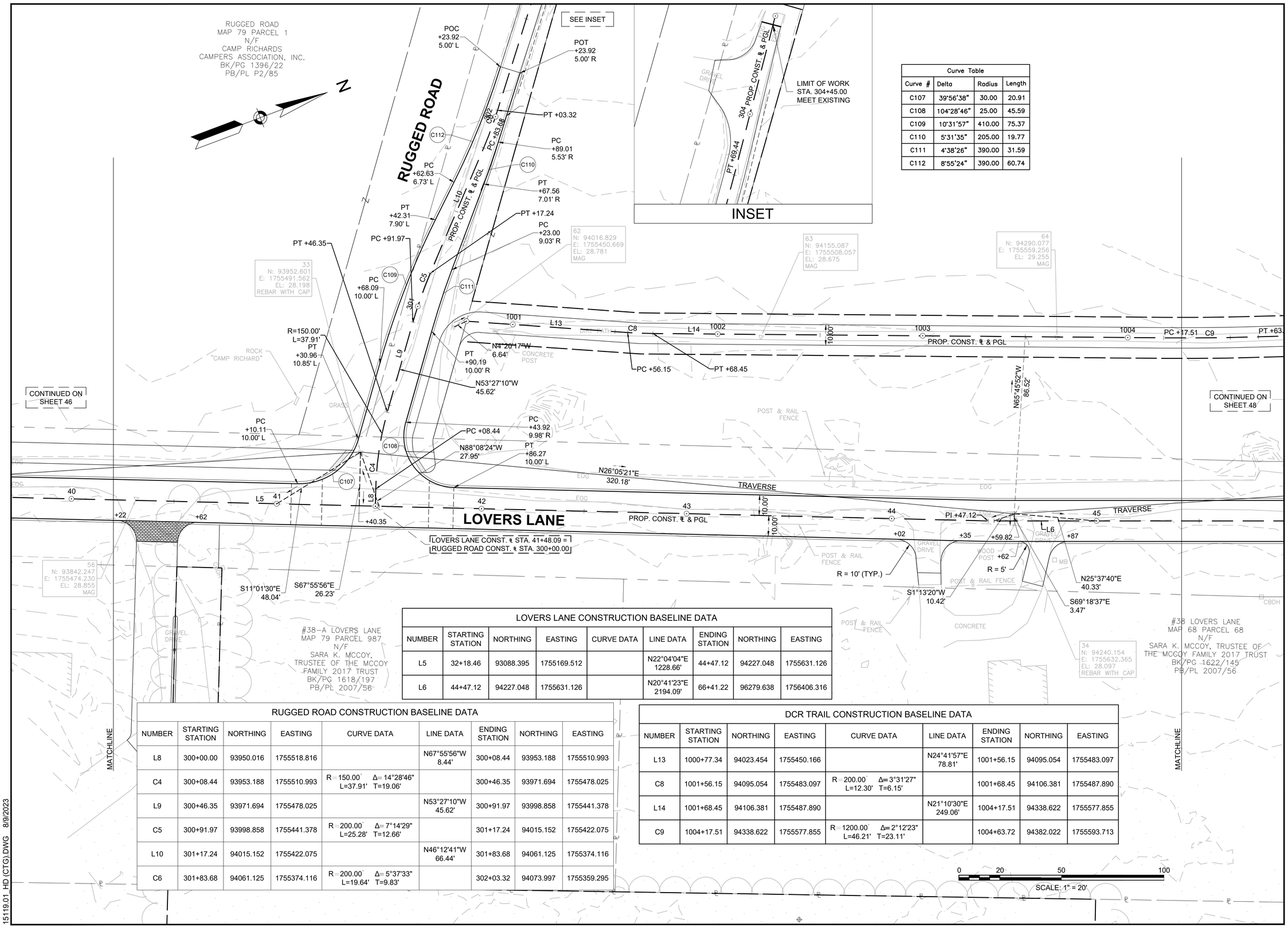
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BASELINE & CURB TIE PLANS

SCALE: 1"=20'

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Curve Table			
Curve #	Delta	Radius	Length
C107	39°56'38"	30.00	20.91
C108	104°28'46"	25.00	45.59
C109	10°31'57"	410.00	75.37
C110	5°31'35"	205.00	19.77
C111	4°38'26"	390.00	31.59
C112	8°55'24"	390.00	60.74

LOVERS LANE CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L5	32+18.46	93088.395	1755169.512		N22°04'04"E 1228.66'	44+47.12	94227.048	1755631.126
L6	44+47.12	94227.048	1755631.126		N20°41'23"E 2194.09'	66+41.22	96279.638	1756406.316

RUGGED ROAD CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L8	300+00.00	93950.016	1755518.816		N67°55'56"W 8.44'	300+08.44	93953.188	1755510.993
C4	300+08.44	93953.188	1755510.993	R=150.00' Δ=14°28'46" L=37.91' T=19.06'		300+46.35	93971.694	1755478.025
L9	300+46.35	93971.694	1755478.025		N53°27'10"W 45.62'	300+91.97	93998.858	1755441.378
C5	300+91.97	93998.858	1755441.378	R=200.00' Δ=7°14'29" L=25.28' T=12.66'		301+17.24	94015.152	1755422.075
L10	301+17.24	94015.152	1755422.075		N46°12'41"W 66.44'	301+83.68	94061.125	1755374.116
C6	301+83.68	94061.125	1755374.116	R=200.00' Δ=5°37'33" L=19.64' T=9.83'		302+03.32	94073.997	1755359.295

DCR TRAIL CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L13	1000+77.34	94023.454	1755450.166		N24°41'57"E 78.81'	1001+56.15	94095.054	1755483.097
C8	1001+56.15	94095.054	1755483.097	R=200.00' Δ=3°31'27" L=12.30' T=6.15'		1001+68.45	94106.381	1755487.890
L14	1001+68.45	94106.381	1755487.890		N21°10'30"E 249.06'	1004+17.51	94338.622	1755577.855
C9	1004+17.51	94338.622	1755577.855	R=1200.00' Δ=2°12'23" L=46.21' T=23.11'		1004+63.72	94382.022	1755593.713

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BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119

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DCR TRAIL CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C9	1004+17.51	94338.622	1755577.855	R=1200.00' Δ=2°12'23" L=46.21' T=23.11'		1004+63.72	94382.022	1755593.713
L15	1004+63.72	94382.022	1755593.713		N18°58'08"E 103.44'	1005+67.16	94479.849	1755627.338
C10	1005+67.16	94479.849	1755627.338	R=200.00' Δ=8°50'14" L=30.85' T=15.45'		1005+98.01	94508.134	1755639.570
C11	1005+98.01	94508.134	1755639.570	R=600.24' Δ=7°23'32" L=77.44' T=38.77'		1006+75.45	94578.772	1755671.182
L16	1006+75.45	94578.772	1755671.182		N20°31'00"E 100.50'	1007+75.95	94672.895	1755706.404
C12	1007+75.95	94672.895	1755706.404	R=1200.00' Δ=2°33'03" L=53.43' T=26.72'		1008+29.38	94722.500	1755726.237
L17	1008+29.38	94722.500	1755726.237		N23°04'04"E 45.47'	1008+74.84	94764.331	1755744.052
C13	1008+74.84	94764.331	1755744.052	R=800.00' Δ=7°28'10" L=104.29' T=52.22'		1009+79.14	94862.673	1755778.554

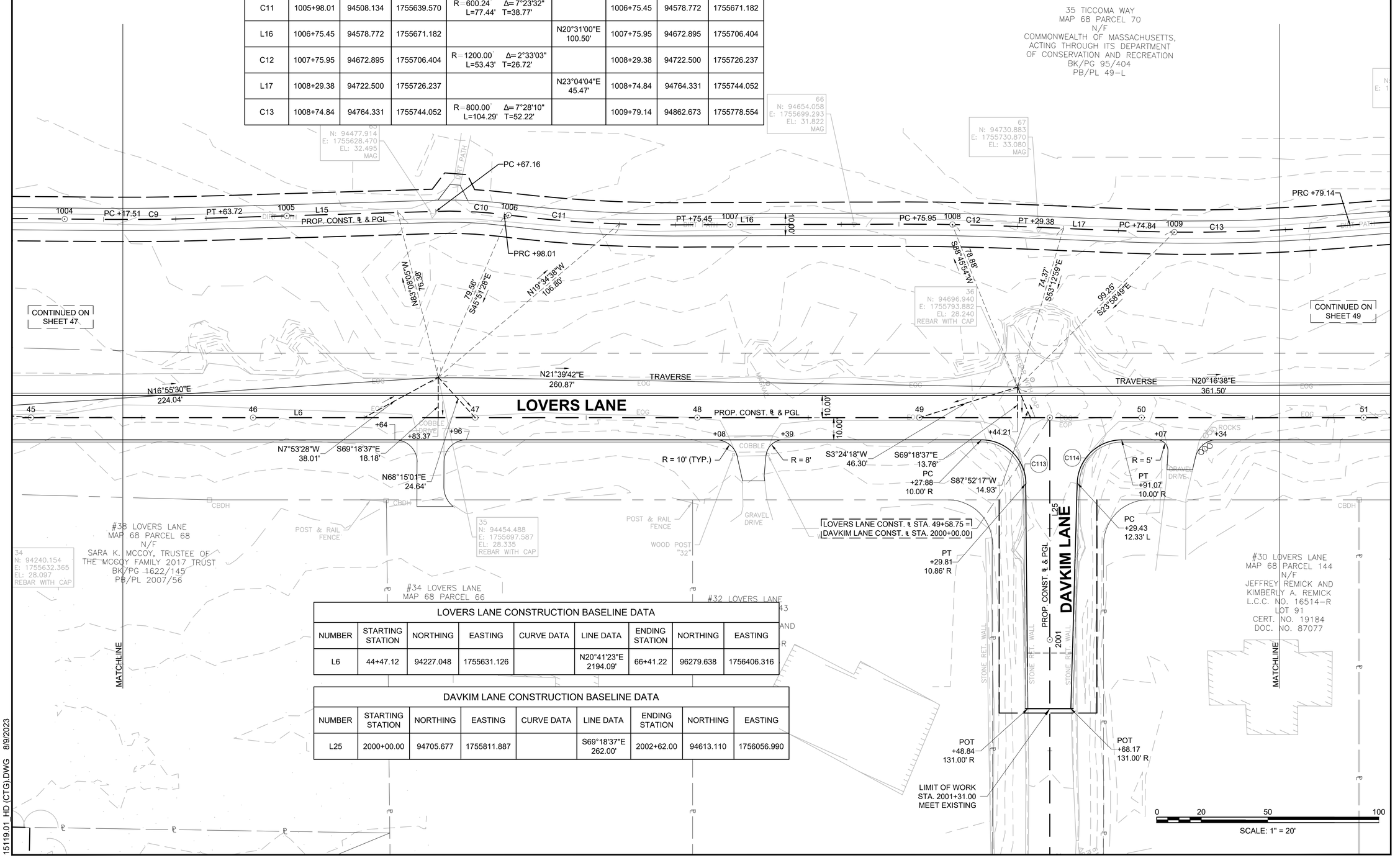
Curve Table			
Curve #	Delta	Radius	Length
C113	89°27'22"	20.00	31.23
C114	88°21'45"	20.00	30.84

LOVERS LANE CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L6	44+47.12	94227.048	1755631.126		N20°41'23"E 2194.09'	66+41.22	96279.638	1756406.316

DAVKIM LANE CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L25	2000+00.00	94705.677	1755811.887		S69°18'37"E 262.00'	2002+62.00	94613.110	1756056.990



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PREPARED FOR
TOWN OF NANTUCKET
16 BROAD STREET
NANTUCKET, MA 02554

SURFSIDE AREA TRANSPORTATION ENHANCEMENTS

LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MA 02554

REVISIONS		
NO.	REVISION	DATE

08/09/2023

DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119

48 OF 160

15119.01_HD (CTG).DWG 8/9/2023

LOVERS LANE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L6	44+47.12	94227.048	1755631.126		N20°41'23"E 2194.09'	66+41.22	96279.638	1756406.316

Curve Table			
Curve #	Delta	Radius	Length
C115	90°00'00"	20.00	31.42
C116	90°00'00"	20.00	31.42

DCR TRAIL CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C13	1008+74.84	94764.331	1755744.052	R=800.00' Δ=7°28'10" L=104.29' T=52.22'		1009+79.14	94862.673	1755778.554
C14	1009+79.14	94862.673	1755778.554	R=600.00' Δ=6°31'01" L=68.25' T=34.16'		1010+47.38	94927.221	1755800.600
L18	1010+47.38	94927.221	1755800.600		N22°06'55"E 116.66'	1011+64.04	95035.299	1755844.519
C15	1011+64.04	95035.299	1755844.519	R=165.00' Δ=28°29'02" L=82.03' T=41.88'		1012+46.07	95115.719	1755855.640
C16	1012+46.07	95115.719	1755855.640	R=165.00' Δ=27°03'30" L=77.92' T=39.70'		1013+23.99	95192.318	1755865.263
L19	1013+23.99	95192.318	1755865.263		N20°41'23"E 112.05'	1014+36.04	95297.141	1755904.851
C17	1014+36.04	95297.141	1755904.851	R=165.00' Δ=28°57'10" L=83.38' T=42.60'		1015+19.42	95364.578	1755952.364

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DRAWN/DESIGN BY: EMD
CHECKED BY: BAM

BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119

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SCALE: 1" = 20'

Curve Table			
Curve #	Delta	Radius	Length
C118	4°09'35"	400.00	29.04
C119	4°09'35"	400.00	29.04
C120	4°09'35"	210.00	15.25
C121	4°09'35"	210.00	15.25
C122	4°09'35"	210.00	15.25
C123	4°09'35"	210.00	15.25
C125	4°09'35"	400.00	29.04
C126	4°09'35"	400.00	29.04

DCR TRAIL CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C17	1014+36.04	95297.141	1755904.851	R=165.00' Δ=28°57'10" L=83.38' T=42.60'		1015+19.42	95364.578	1755952.364
C18	1015+19.42	95364.578	1755952.364	R=165.00' Δ=28°08'53" L=81.06' T=41.37'		1016+00.48	95429.854	1755999.042
L20	1016+00.48	95429.854	1755999.042		N21°29'40"E 353.89'	1019+54.37	95759.131	1756128.712
C19	1019+54.37	95759.131	1756128.712	R=3000.00' Δ=0°42'29" L=37.07' T=18.53'		1019+91.44	95793.703	1756142.080
L21	1019+91.44	95793.703	1756142.080		N20°47'12"E 315.68'	1023+07.11	96088.831	1756254.110

LOVERS LANE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L6	44+47.12	94227.048	1755631.126		N20°41'23"E 2194.09'	66+41.22	96279.638	1756406.316

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BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119

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Curve Table			
Curve #	Delta	Radius	Length
C117	92°03'32"	20.00	32.13

DCR TRAIL CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L21	1019+91.44	95793.703	1756142.080		N20°47'12"E 315.68'	1023+07.11	96088.831	1756254.110
C20	1023+07.11	96088.831	1756254.110	R=200.00' Δ=0°20'45" L=1.21' T=0.60'		1023+08.32	96089.958	1756254.542
L22	1023+08.32	96089.958	1756254.542		N21°07'57"E 35.01'	1023+43.33	96122.611	1756267.163
C21	1023+43.33	96122.611	1756267.163	R=200.00' Δ=0°20'45" L=1.21' T=0.60'		1023+44.54	96123.735	1756267.601
L23	1023+44.54	96123.735	1756267.601		N21°28'42"E 375.61'	1027+20.14	96473.258	1756405.129

LOVERS LANE CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L6	44+47.12	94227.048	1755631.126		N20°41'23"E 2194.09'	66+41.22	96279.638	1756406.316

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BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119

51 OF 160

15119.01_HD (CTG).DWG 8/9/2023

SCALE: 1" = 20'

DCR TRAIL CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L23	1023+44.54	96123.735	1756267.601		N21°28'42"E 375.61'	1027+20.14	96473.258	1756405.129
C22	1027+20.14	96473.258	1756405.129	R=100.00' Δ=57°43'58" L=100.76' T=55.13'		1028+20.90	96534.876	1756479.465
L24	1028+20.90	96534.876	1756479.465		N79°12'39"E 33.27'	1028+54.17	96541.103	1756512.143

OLD SOUTH ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L42	500+00.00	96433.369	1756667.344		N55°14'00"W 337.56'	503+37.56	96625.855	1756390.049

Curve Table			
Curve #	Delta	Radius	Length
C124	67°00'42"	35.00	40.94
C405	35°12'25"	10.00	6.14
C406	35°12'25"	20.00	12.29
C407	56°12'02"	15.00	14.71
C408	91°40'58"	8.00	12.80

LOVERS LANE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L7	66+41.22	96279.638	1756406.316		N22°34'07"E 281.49'	69+22.70	96539.572	1756514.349

#50 OLD SOUTH ROAD
MAP 68 PARCEL 18.1
N/F
NANTUCKET ISLANDS LAND BANK
L.C.C. NO. 32880-G
LOT 38
CERT. NO. 22407
DOC. NO. 118128

OLD SOUTH ROAD
MAP 68 PARCEL 82
N/F
COMMONWEALTH OF MASSACHUSETTS,
ACTING THROUGH ITS DEPARTMENT
OF CONSERVATION AND RECREATION
BK/PG 95/404
PB/PL 49-L

75
N: 96338.309
E: 1756352.589
EL: 43.675
MAG

76
N: 96499.825
E: 1756419.436
EL: 45.929
MAG

BENCHMARK: MAG BENCH TIE
EL=48.09

CONTINUED ON SHEET 51

LOVERS LANE

OLD SOUTH ROAD

1025 L23 1026 1027 C22 1028 L24

PC +20.14
PT +17.66 34.52' L
POT +15.02 24.91' L
PT +20.90
POC +85.97 12.42' L

PROP. CONST. ℄ & PGL

66 PI +41.22 L7 67 TRAVERSE 68 N19°34'40"E 665.10' 69

PROP. CONST. ℄ & PGL

S55°54'07"W 64.05'
S4°08'07"E 25.26'
S8°31'36"W 46.78'

1028+54.17 DCR TRAIL= 501+88.93 OLD SOUTH ROAD
69+22.70 LOVERS LANE= 501+86.24 OLD SOUTH ROAD

LIMIT OF WORK
STA. 502+35.00
MEET EXISTING
N96567.3743
E1756474.2964

LIMIT OF WORK
STA. 501+10.00
MEET EXISTING
N96496.0948
E1756576.9815

503 502 501

#54 OLD SOUTH ROAD
MAP 68 PARCEL 18.2
N/F
LAWRENCE M. MAURY AND
MICHELLE B. MAURY
L.C.C. NO. 32880-E
LOT 12
CERT. NO. 25405
DOC. NO. 146093

#54R OLD SOUTH ROAD
MAP 68 PARCEL 18.3
N/F
LAWRENCE M. MAURY AND
MICHELLE B. MAURY
L.C.C. NO. 32880-E
LOT 13
CERT. NO. 25404
DOC. NO. 146089

#56 OLD SOUTH ROAD
MAP 68 PARCEL 83
N/F
DANIEL LEMAITRE, TRUSTEE
OF 56 OLD SOUTH ROAD
REALTY TRUST
L.C.C. NO. 16514-C
LOT 1
CERT. NO. 19662
DOC. NO. 90648

42
N: 96564.761
E: 1756512.528
EL: 47.433
REBAR WITH CAP

#60 OLD SOUTH ROAD
MAP 68 PARCEL 85.3
N/F
WARREN VALERO, RICHARD A.
VALERO, AND KENNETH G.
VALERO, TRUSTEES OF THE OLD
SOUTH ROAD TRUST
L.C.C. NO. 16514-5
LOT 201
CERT. NO. 21618
DOC. NO. 110363

#2 LOVERS LANE
MAP 68 PARCEL 203
N/F
RICHMOND GREAT POINT
DEVELOPMENT, LLC
L.C.C. NO. 16514-99
LOT 856
CERT. NO. 25381
DOC. NO. 145944

#57 OLD SOUTH ROAD
MAP 68 PARCEL 156
N/F
RICHMOND GREAT POINT
DEVELOPMENT, LLC
L.C.C. NO. 16514-O
LOT 64
CERT. NO. 24872
DOC. NO. 141845

#58 OLD SOUTH ROAD
MAP 68 PARCEL 84
N/F
U.S. REIF MARINE
NANTUCKET FEE, LLC
L.C.C. NO. 16514-C
LOT 2
CERT. NO. 23044
DOC. NO. 124972

#60 OLD SOUTH ROAD
MAP 68 PARCEL 85.3
N/F
WARREN VALERO, RICHARD A.
VALERO, AND KENNETH G.

MATCHLINE

EASEMENT AE3
DOC. 157475
PLAN 2018/8

ACCESS EASEMENT AE2
DOC. 157475
PLAN 2018/8

ACCESS EASEMENT AE1
DOC. 157475

GRASS SWL EOP CBDH HMA WALK GRASS BRICK GRAN. CURB HMA DRIVE MULCH WOOD STEP MAILBOXES DIRT PATH VENT PIPE WOOD CURB SPOTLIGHT HMA PARKING HMA CURB IRRIGATION CONTROL VALVE STONE RET. WALL CONCRETE DRIVE POST & RAIL FENCE

0 20 50 100
SCALE: 1" = 20'

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EMD	BAM

BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119

52 OF 160

OKORWAW AVENUE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L26	100+00.00	91953.501	1754746.922		S84°30'45"E 2357.62'	123+57.62	91728.046	1757093.734

N

#1 WHITE STREET
MAP 79 PARCEL 29
N/F
DENISE M. GOLDSMITH REVOCABLE TRUST and
J. SPENCER GOLDSMITH REVOCABLE TRUST
DEED Bk:1238 Pg:224
PLAN File:11-A

N20°30'40"E
263.00'

N26°23'09"E
243.48'

#2 OKORWAW AVENUE
MAP 79 PARCEL 131.1
N/F
LAWRENCE A. BOSSIDY AND
NANCY J. BOSSIDY
DEED Bk:1593 Pg:257
PLAN File:2016-115

N21°40'02"E
88.95'

180.91'
N53°34'27"W

S69°33'14"E
33.21'

N69°33'14"W
33.21'

CONTINUED ON SHEET 44

24
N: 91947.618
E: 1754738.628
EL: 29.358
MAGNAIL

PT +35.82

WOOD POST

GRAVEL DRIVE

WOOD POST

R = 10' (TYP.)

N5°29'15"E
82.16'

CRUSHED SHELL DRIVE

POST & RAIL FENCE

23
N: 91933.807
E: 1755001.048
EL: 28.125
MAGNAIL

POST & RAIL FENCE

#4 OKORWAW AVENUE
MAP 79 PARCEL 131
N/F
HENRY J. VARIAN and
MIRIAM VARIAN
DEED Bk:766 Pg:180
PLAN File:11-A
LOT 15 ON PLAN D

CONTINUED ON SHEET 54

BIT BERM

101

10.00'

+33

+71

+27

COBBLE

+64 TRAVERSE

236.37'
S85°08'05"E

L26

102

+73

PROP. CONST. ℄ & PGL

+42

+54.84

103

104

+38

+46

+64

+51

+79

+70

EOP

COBBLE

MB

S51°21'58"W
6.75'

S5°29'15"W
4.70'

S78°34'24"E
45.40'

CEDH

WOOD POST

CRUSHED STONE DRIVE

CRUSHED SHELL DRIVE

MATCH LINE

OKORWAW AVENUE

WOOD POST
"#5"

SPOTLIGHT

#1 WHITE STREET
MAP 79 PARCEL 29
N/F
DENISE M. GOLDSMITH REVOCABLE TRUST and
J. SPENCER GOLDSMITH REVOCABLE TRUST
DEED Bk:1238 Pg:224
PLAN File:11-A

N20°28'46"E
162.43'

R=25.00'
L=50.86'
T=40.44'

GRANITE BLOCK
"WHITE ST"

#1 OKORWAW AVENUE
MAP 79 PARCEL 28
N/F
ROBERT J. BETTACCHI, TRUSTEE
DEED Bk:686 Pg:140
PLAN File:11-A
LOT 9 ON PLAN D

N20°26'55"E
62.74'

CONTINUED ON SHEET 43

#5 OKORWAW AVENUE
MAP 79 PARCEL 78
N/F
LAWRENCE A. BOSSIDY, TRUSTEE
DEED Bk:572 Pg:27
PLAN File:11-A
LOT 10 ON PLAN D

WHITE STREET

#4 WHITE STREET
MAP 80 PARCEL 215
N/F
DAVID FREDERICKS and
LAURA ANN FREDERICKS
DEED Bk:345 Pg:310
PLAN File:11-A
LOT 15 ON PLAN D

#61 LOVERS LANE
MAP 80 PARCEL 215-1
N/F
KAREN L. BOPP AND DAVID BOPP,
TRUSTEES OF TWO WHITE STREET
REALTY TRUST
DEED Bk:1611 Pg:47
PLAN File:46-Q
LOT 2

PT +53.74

PC +21.53

PC +43.97

77.84'
N43°20'03"W

R=25.00'
L=21.21'
T=11.29'

48
N: 91765.785
E: 1754719.600
EL: 28.937
REBAR WITH CAP

19

20

21

22

18

0 20 50 100
SCALE: 1" = 20'

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DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119

N

OKORWAW AVENUE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L26	100+00.00	91953.501	1754746.922		S84°30'45"E 2357.62'	123+57.62	91728.046	1757093.734

180.91'
N53°34'27"W

#4 OKORWAW AVENUE
MAP 79 PARCEL 131
N/F
HENRY J. VARIAN and
MIRIAM VARIAN
DEED Bk:766 Pg:180
PLAN File:11-A
LOT 15 ON PLAN D

CONTINUED ON SHEET 53

#8 OKORWAW AVENUE
MAP 79 PARCEL 132
N/F
JOHN D. KANN and
LORI H. KANN
DEED Bk:923 Pg:287
PLAN File:11-A
LOT 16 ON PLAN D

#12 OKORWAW AVENUE
MAP 79 PARCEL 165
N/F
TIMOTHY P. VIETH AND JILL S. VIETH
DEED Bk:1517 Pg:126
PLAN File:11-A
LOT 17 ON PLAN D

CONTINUED ON SHEET 55

POST & RAIL FENCE
CRUSHED SHELL DRIVE
POST & RAIL FENCE

22
N: 91913.760
E: 1755236.561
EL: 24.663
MAGNAIL

R=25.00'
L=35.78'
T=21.73'
N12°24'45"E
12.65'
PT +46.49
PC +18.27

+53 +85 S84°30'45"E 812.44'

TRAVERSE

104 EOP S85°29'11"W 41.83' S5°29'15"W 7.26' +01 +91.20 105 PROP. CONST. ℄ & PGL +10 +32 +40 TRAVERSE 206.65' S77°26'07"E 106 L26 EOP N63°02'38"W 49.72' +96.27 N5°29'15"E 18.20' 107 N17°04'56"E 18.57' +07 +23 +32 108 OKORWAW AVENUE +40 +49 +74 +65 109

GRANITE POST
10.00'
10.00'
10.00'
EOP
MB
TRAVERSE
CRUSHED SHELL DRIVE
POST & RAIL FENCE
+98
S84°25'24"E 221.32'

GRAVEL DRIVE
WOOD POST "#7"
S44°59'11"E 11.41'

21
N: 91868.806
E: 1755438.258
EL: 19.124
REBAR WITH CAP

POST & RAIL FENCE

20
N: 91[illegible].298
E: 1755[illegible].534
EL: [illegible].115
REBAR WITH CAP

MATCHLINE

#5 OKORWAW AVENUE
MAP 79 PARCEL 78
N/F
WRENCE A. BOSSIDY, TRUSTEE
DEED Bk:572 Pg:27
PLAN File:11-A
LOT 10 ON PLAN D

#7 OKORWAW AVENUE
MAP 79 PARCEL 130
N/F
NANTUCKET HOUSING AUTHORITY
DEED Bk:601 Pg:271
PLAN ENTITLED "LAND OF DANIEL MCKEEVER AT SURFSIDE"
LOTS 1 TO 15 & 32 TO 38 IN BLOCK 89

#11 OKORWAW AVENUE
MAP 79 PARCEL 164
N/F
PF TRUST REAL ESTATE
HOLDINGS, LLC
DEED Bk:1467 Pg:312
PLAN File:11-A
LOT 11 ON PLAN D

20' PERMANENT EASEMENT E1
DEED Bk: 1291 Pg: 109
PLAN File: 2011-47

20' PERMANENT EASEMENT E1
DEED Bk: 1291 Pg: 109
PLAN File: 2011-47

0 20 50 100
SCALE: 1" = 20'

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PREPARED FOR
TOWN OF NANTUCKET
16 BROAD STREET
NANTUCKET, MA 02554

SURFSIDE AREA TRANSPORTATION ENHANCEMENTS

LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MA 02554

REVISIONS		
NO.	REVISION	DATE
	08/09/2023	

DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119

N

SEE INSET

OKORWAW AVENUE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L26	100+00.00	91953.501	1754746.922		S84°30'45"E 2357.62'	123+57.62	91728.046	1757093.734

SKYLINE DRIVE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L38	4000+00.00	91865.052	1755667.609		N5°29'15"E 18.27'	4000+18.27	91883.237	1755669.356
C28	4000+18.27	91883.237	1755669.356	R=200.00' Δ=8°00'00" L=27.93' T=13.99'		4000+46.19	91910.758	1755673.955
L39	4000+46.19	91910.758	1755673.955		N13°29'15"E 303.41'	4003+49.61	92205.804	1755744.721

Curve Table			
Curve #	Delta	Radius	Length
C201	79°25'14"	25.00	34.65
C202	2°34'46"	500.00	22.51
C203	8°00'00"	100.00	13.96
C204	90°00'00"	25.00	39.27

LIMIT OF WORK
STA. 4001+38.00
MEET EXISTING

PROP. CONST. & PGL

POT +38.00 9.46' L

POT +38.00 8.96' R

POT +13.00 10.00' L

POT +13.00 10.00' R

SKYLINE DRIVE

4001

4002

4003

L39

CONTINUED ON SHEET 54

PT +57.82 10.00' L

PC +35.87 10.79' L

PT +29.76 11.51' L

PC +89.19 10.00' L

R=25.00' L=35.78' T=21.73'

PT +46.19

PC +18.27

C28

C203

C204

C202

C201

L38

PC +52.39 10.00' R

PT +38.02 10.82' R

PC +36.00 11.00' R

Δ=98°00'00" R=25.00' L=42.76' T=28.76'

109+24.93 OKORWAW AVENUE=
4000+00.00 SKYLINE DRIVE

PT +61.66 10.00' L

N5°29'15"E 20.52

R = 10' (TYP.)

N5°29'15"E 18.54'

OKORWAW AVENUE

109 110 111 112 113 114

+17.59 +33.45 +69 +99 +52 +83

L26

10.00' 10.00'

N65°42'55"E 37.34'

N52°58'58"W 39.24'

N44°22'59"E 26.36'

S88°29'56"E 357.18' TRAVERSE

PROP. CONST. & PGL

+26 +35 +53 +61 +33 +42 +61 +69

TRAVERSE

S83°59'14"E 215.86'

TRAVERSE

N38°00'20"W 25.56'

INSET

PLAN File:11-A
LOT 18 ON PLAN D

CONTINUED ON SHEET 56

GRANITE POST

CRUSHED SHELL DRIVE

POST & RAIL FENCE

ROCK ROCK ROCK

COBBLE

GRAVEL DRIVE

WOOD POSTS

WOOD POST "#21"

WOOD POST WITH SECURITY CAMERA

CRUSHED SHELL DRIVE

EOP

CBDH

MB

MATCHLINE

20
N: 91824.298
E: 1755873.534
EL: 17.115
REBAR W/ CAP

19
N: 91824.686
E: 1755873.211
EL: 17.989
REBAR WITH CAP

#17 OKORWAW AVENUE
MAP 79 PARCEL 180
N/F
17 OKORWAW LLC
DEED Bk:1636 Pg:135
PLAN Bk:2 Pg:61
BLOCK 99
PLAN File: 2011-47

#21 OKORWAW AVENUE
MAP 79 PARCEL 181
N/F
PATRICK W. TAAFFE and
CAROL A. MUEHLING
DEED Bk:407 Pg:125
PLAN File:42-D
LOT 1

20' PERMANENT EASEMENT E1
DEED Bk: 1291 Pg: 109
PLAN File: 2011-47

N/F
PATRICK W. TAAFFE AND CAROL A. MUEHLING
DEED Bk: 1372 Pg: 31
PLAN File: 2011-47

N/F
PATRICK W. TAAFFE AND CAROL A. MUEHLING
DEED Bk: 1372 Pg: 31
PLAN File: 2011-47

N/F
TOWN OF NANTUCKET (BOARD OF SELECTMEN)
DEED Bk: 1291 Pg: 109
PLAN File: 2011-47

0 20 50 100
SCALE: 1" = 20'

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REVISIONS		
NO.	REVISION	DATE

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EMD	BAM

BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119

OKORWAW AVENUE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L26	100+00.00	91953.501	1754746.922		S84°30'45"E 2357.62'	123+57.62	91728.046	1757093.734

CONTINUED ON SHEET 55

CONTINUED ON SHEET 57

#26 OKORWAW AVENUE
MAP 79 PARCEL 168
N/F
ROGERS W. CABOT, JR.
DEED Bk:469 Pg:337
PLAN File:11-A
LOT 19 ON PLAN D

#30 OKORWAW AVENUE
MAP 79 PARCEL 169
N/F
WILLARD W. BROWN, JR. ET. AL. TRUST
DEED Bk:648 Pg:236
PLAN File:11-A
LOT 20 ON PLAN D

#36 OKORWAW AVENUE
MAP 79 PARCEL 170
N/F
DEVA, LLC
DEED Bk:1597 Pg:249
PLAN File:11-A
LOT 21 ON PLAN D

18
N: 91815.330
E: 1756230.272
EL: 22.757
REBAR WITH CAP

METAL ART STRUCTURE

WOOD POST "#30"

CRUSHED SHELL DRIVE

POST & RAIL FENCE

COBBLE

ROCK ROCK ROCK ROCK ROCK ROCK ROCK ROCK ROCK

S89°17'54"W 40.00'

1346.04'
N84°30'45"W

N5°29'15"E 16.20'

N11°52'33"W 16.97'

N76°04'23"E 47.55'

GRAVEL DRIVE

CBDH

MB

MS

114 115 116 117 118 119

+39 +74 +55.06 +01 +10 +82 +86

+42 +51 +69 +77 +89.76 +07 +16 +36 +44 +52 +78 +61

S5°29'15"W 4.31'

OKORWAW AVENUE

TRAVERSE

S81°17'56"E 365.88'

L26

10.00'

10.00'

10.00'

PROP. CONST. ℄ & PGL

EOP

R = 10' (TYP.)

R = 4'

S61°39'59"E 11.11'

ROCK "#27"

GRANITE POST "#31"

STONE RETAINING WALL

#25 OKORWAW AVENUE
MAP 79 PARCEL 174
N/F
WHITNEY A. GIFFORD, TRUSTEE
DEED Bk:764 Pg:145
PLAN Bk:2 Pg:61
BLOCK 113

#31 OKORWAW AVENUE
MAP 79 PARCEL 153
N/F
JANET S. ANDERSON AND
DUNCAN M. ANDERSON, TRUSTEES
OF MS B'HAVEN NOMINEE TRUST
DEED Bk:1360 Pg:316
PLAN File:11-A
LOT 12 ON PLAN D

17
N: 91759.980
E: 1756591.936
EL: 17.654
REBAR WITH CAP

#33 OKORWAW AVENUE
MAP 79 PARCEL 152.1
N/F
N6 CAPITOL LLC
DEED Bk:1743 Pg:165
PLAN File:2014-112

MATCHLINE

MATCHLINE

ORWAW AVENUE
PARCEL 181
N/F
W. TAAFFE and
A. MUEHLING
Bk:407 Pg:125
N File:42-D
LOT 1

N/F
PATRICK W. TAAFFE AND CAROL A. MUEHLING
DEED Bk: 1372 Pg: 31
PLAN File: 2011-47

N/F
TOWN OF NANTUCKET (BOARD OF SELECTMEN)
DEED Bk: 1291 Pg: 109
PLAN File: 2011-47

N/F
TOWN OF NANTUCKET (BOARD OF SELECTMEN)
DEED Bk: 1291 Pg: 109
PLAN File: 2011-47

20' PERMANENT EASEMENT E2
DEED Bk: 1291 Pg: 109
PLAN File: 2011-47

20' PERMANENT EASEMENT E2
DEED Bk: 1291 Pg: 109
PLAN File: 2011-47

N/F
HOWARD D. NAIR, TRUSTEE
DEED Bk: 472 Pg: 183
PLAN File: 11-A

0 20 50 100
SCALE: 1" = 20'

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NANTUCKET, MA 02554

REVISIONS		
NO.	REVISION	DATE
08/09/2023		

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EMD	BAM

BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119

N

OKORWAW AVENUE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L26	100+00.00	91953.501	1754746.922		S84°30'45"E 2357.62'	123+57.62	91728.046	1757093.734

#42 OKORWAW AVENUE
MAP 79 PARCEL 171
N/F
ROBERT D. ORLANDI, TRUSTEE OF
THE ROBERT D. ORLANDI FAMILY
TRUST (1/2 INTEREST) AND
DEBORAH J. DUBUOIS, TRUSTEE OF
THE DEBORAH J. DUBOIS FAMILY
TRUST (1/2 INTEREST)
DEED Bk:1364 Pg:139
PLAN File:11-A
LOT 22 ON PLAN D

CONTINUED ON SHEET 56

#36 OKORWAW AVENUE
MAP 79 PARCEL 170
N/F
DEVA, LLC
DEED Bk:1597 Pg:249
PLAN File:11-A
LOT 21 ON PLAN D

CONTINUED ON SHEET 58

MATCHLINE

WOOD POST "#30"

N46°16'36"E 21.50'

+85.95

N5°29'15"E 16.28'

GRAVEL DRIVE

N60°09'15"W 39.47'

+79

+14

R=25.00'
L=39.27'
T=25.00'

WOOD POST "42 OKORWAW"

1346.04'
N84°30'45"W

N5°29'15"E 275.00'

119 120 121 122 123 124

L26

PROP. CONST. ℄ & PGL

10.00' 10.00'

201 PI +04.01 PI +57.62

202 203

OKORWAW AVENUE +53 +61 +82 +91

TRAVERSE

S84°29'33"E 230.89'

R = 10' (TYP.)

TRAVERSE

S84°07'40"E 258.36'

POST & RAIL FENCE

GRAVEL DRIVE

POST & RAIL

WOOD POST

TYP. BERM

GRASS

BRUSHED SHELL DRIVE

GRAVEL ROAD

10371
N: 917205.0
ΔE: 175220.0
EOG EL: 27.905

THIS PARCEL IS UNDER CONSTRUCTION AS OF JANUARY 2019

16
N: 91737.821
E: 1756821.760
EL: 23.258
REBAR WITH CAP

15
N: 91711.388
E: 1757078.760
EL: 27.519
MAG

BENCHMARK: SQUARE CUT IN CONC BASE
EL=27.65

R=25.00'
L=39.27'
T=25.00'

#33 OKORWAW AVENUE
MAP 79 PARCEL 152.1
N/F
N6 CAPITOL LLC
DEED Bk:1743 Pg:165
PLAN File:2014-112

MATCHLINE

N/F
HOWARD D. NAIR, TRUSTEE
DEED Bk: 472 Pg: 183
PLAN File: 11-A

N/F
HOWARD D. NAIR, TRUSTEE
DEED Bk: 472 Pg: 183
PLAN File: 11-A

#41 OKORWAW AVENUE
MAP 79 PARCEL 151
N/F
ROBERT A. LARRABEE and
ELIZABETH LARRABEE
DEED Bk:195 Pg:187
PLAN File:11-A
LOT 14 ON PLAN D

#5 MONOHANSETT ROAD
MAP 79 PARCEL 150
N/F
HARRIS ON MONOHANSETT, LLC
DEED Bk:1630 Pg:67
PLAN File: 2012-40

0 20 50 100
SCALE: 1" = 20'

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16 BROAD STREET
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SURFSIDE AREA TRANSPORTATION ENHANCEMENTS
LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MA 02554

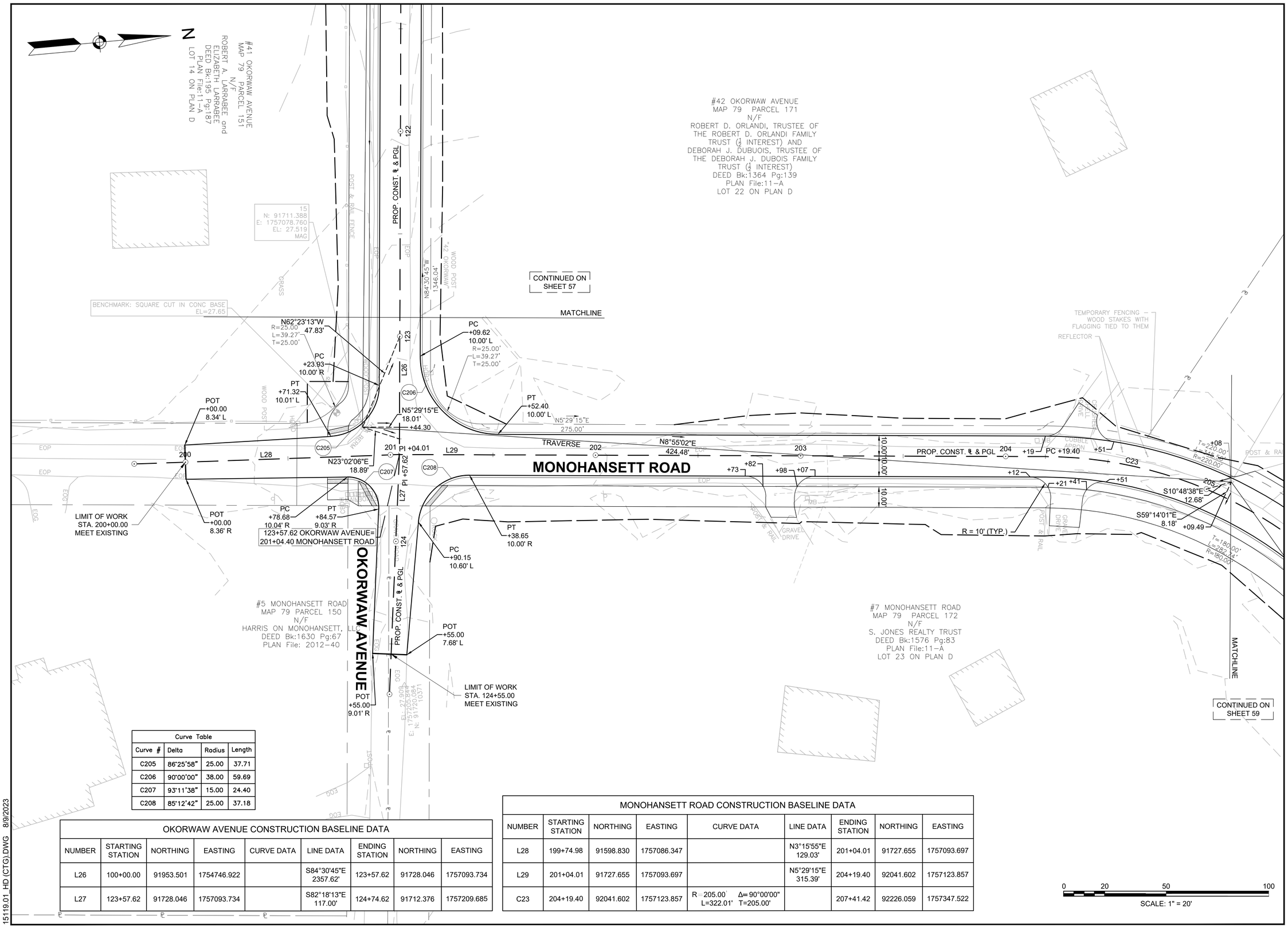
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NO.	REVISION	DATE
	08/09/2023	

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EMD	BAM

BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119



Curve Table			
Curve #	Delta	Radius	Length
C205	86°25'58"	25.00	37.71
C206	90°00'00"	38.00	59.69
C207	93°11'38"	15.00	24.40
C208	85°12'42"	25.00	37.18

OKORWAW AVENUE CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L26	100+00.00	91953.501	1754746.922		S84°30'45"E 2357.62'	123+57.62	91728.046	1757093.734
L27	123+57.62	91728.046	1757093.734		S82°18'13"E 117.00'	124+74.62	91712.376	1757209.685

MONOHANSETT ROAD CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L28	199+74.98	91598.830	1757086.347		N3°15'55"E 129.03'	201+04.01	91727.655	1757093.697
L29	201+04.01	91727.655	1757093.697		N5°29'15"E 315.39'	204+19.40	92041.602	1757123.857
C23	204+19.40	92041.602	1757123.857	R=205.00' Δ=90°00'00" L=322.01' T=205.00'		207+41.42	92226.059	1757347.522

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NANTUCKET, MA 02554

REVISIONS

NO.	REVISION	DATE

08/09/2023

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EMD	BAM

BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119

MONOHANSETT ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C23	204+19.40	92041.602	1757123.857	R=205.00' Δ=90°00'00" L=322.01' T=205.00'		207+41.42	92226.059	1757347.522
L30	207+41.42	92226.059	1757347.522		S84°30'45"E 519.70'	212+61.11	92176.361	1757864.836

N

#10 MONOHANSETT ROAD
MAP 79 PARCEL142
N/F
REAL ESTATE GROWTH FUND, LLC
DEED Bk:1627 Pg:210
PLAN File:11-A
LOT 28 ON PLAN D

#16 MONOHANSETT ROAD
MAP 79 PARCEL 143
N/F
TODD W. WINSHIP, ELIZABETH W. WINSHIP AND
BESS W. CLARKE, TRUSTEES OF THE SIXTEEN
MONOHANSETT ROAD TRUST
DEED Bk:1503 Pg:322
PLAN File:11-A
LOT 29 ON PLAN D

#20 MONOHANSETT ROAD
MAP 79 PARCEL 144
N/F
SHARON W. JACOBSON
DEED Bk:369 Pg:166
PLAN File:11-A
LOT 30 ON PLAN D

13
N: 92234.211
E: 1757322.001
EL: 28.800
REBAR WITH CAP

12
N: 92152.538
E: 1757630.030
EL: 29.420
MAGNAIL

14
N: 92130.739
E: 1757144.557
EL: 27.417
REBAR WITH CAP

MONOHANSETT ROAD

S62°07'48"W 17.90'
+14
+50
207
+16.07
S1°35'50"E 7.30'
S75°14'34"E
PT 35.23
TRAVERSE
208
L30
312.42'
S80°23'12"E
209
PROP. CONST. ℄ & PGL
10.00'
10.00'
10.00'
S84°30'45"E 520.00'
R = 10' (TYP.)
N5°29'15"E 16.80'
+26.84
+95
+25
210
+26
+18
N52°27'57"W 31.67'
S84°30'45"E 520.00'
206 C23
N47°29'42"E 42.03'
N59°45'09"E 205.41'
TRAVERSE
+42
205
T=220.00'
L=345.14'
R=220.00'
T=180.00'
L=282.74'
R=180.00'
PC +19.40
MATCHLINE
CONTINUED ON SHEET 58
CONTINUED ON SHEET 60
MATCHLINE

#46 OKORWAW AVENUE
AKA #11 MONOHANSETT ROAD
MAP 79 PARCEL 213
N/F
KATHERINE J. DERAS, LESSEE
DEED Bk:1236 Pg:168
PLAN Bk:2 Pg:61
BLOCK 144 (ALL LOTS)

#15 MONOHANSETT ROAD
MAP 79 PARCEL 148
N/F
JORDAN H. DORAN, TR.
DEED Bk:1305 Pg:316
PLAN File:11-A
LOT 24 ON PLAN D

WOOD POST "#20"
CRUSHED SHELL DRIVE
GATE POSTS
GRASS
ROCK
COBBLE APRON
GRAVEL DRIVE
GATE POST
WOOD POST
GATE POST
POST & RAIL
GRAVEL DRIVE
ROCK
COBBLE APRON
CRUSHED SHELL DRIVE
GRAVEL DRIVE
POST & RAIL
WELL
TEMPORARY FENCING – WOOD STAKES WITH FLAGGING TIED TO THEM
REFLECTOR

0 20 50 100
SCALE: 1" = 20'

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SURFSIDE AREA TRANSPORTATION ENHANCEMENTS

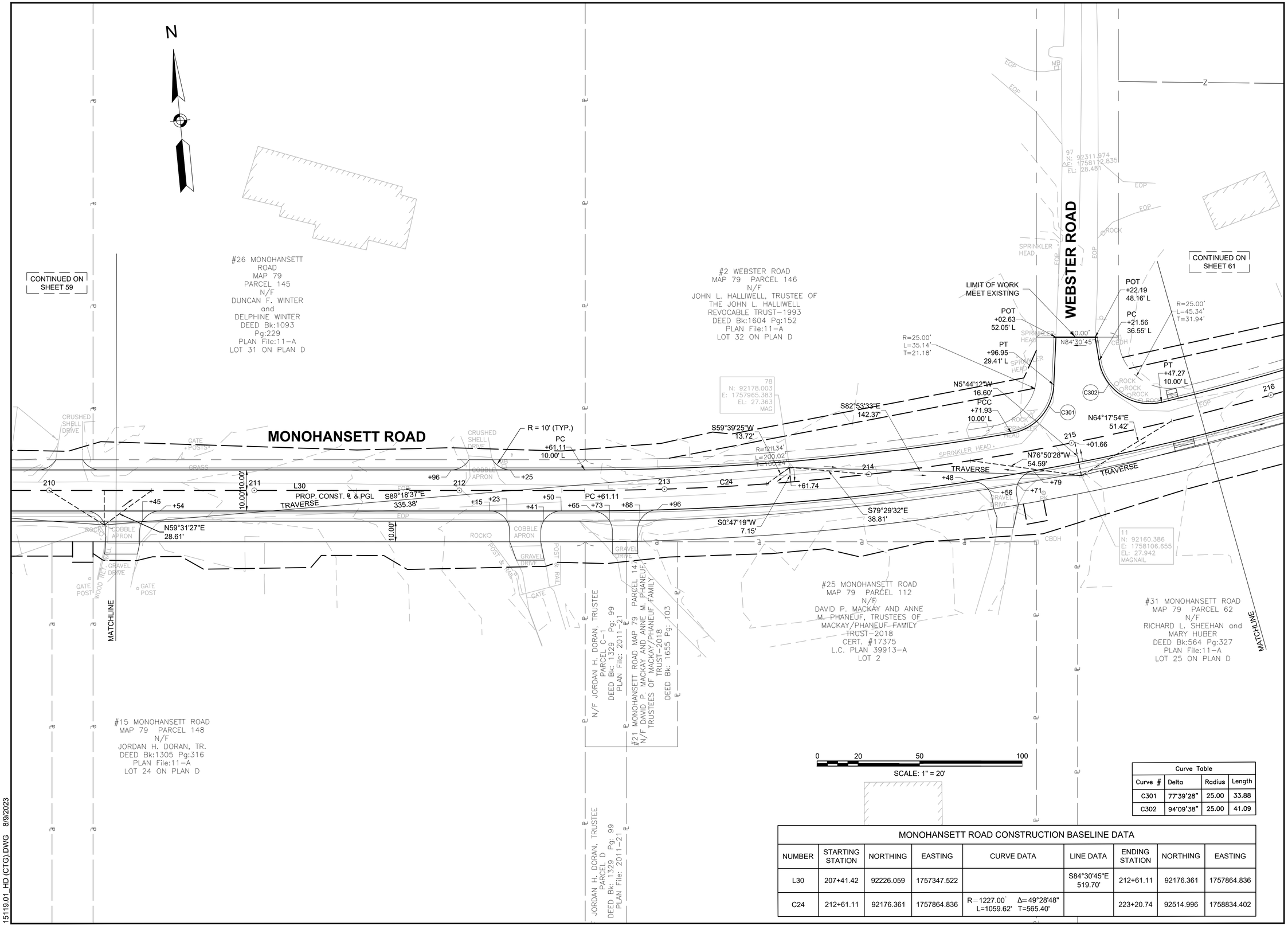
LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MA 02554

REVISIONS		
NO.	REVISION	DATE
08/09/2023		
DRAWN/DESIGN BY: EMD		CHECKED BY: BAM

BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119



Curve Table			
Curve #	Delta	Radius	Length
C301	77°39'28"	25.00	33.88
C302	94°09'38"	25.00	41.09

MONOHANSETT ROAD CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L30	207+41.42	92226.059	1757347.522		S84°30'45"E 519.70'	212+61.11	92176.361	1757864.836
C24	212+61.11	92176.361	1757864.836	R=1227.00' Δ=49°28'48" L=1059.62' T=565.40'		223+20.74	92514.996	1758834.402

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REVISIONS		
NO.	REVISION	DATE

08/09/2023

DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119

60 OF 160

MONOHANSETT ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C24	212+61.11	92176.361	1757864.836	R=1227.00' Δ=49°28'48" L=1059.62' T=565.40'		223+20.74	92514.996	1758834.402

N

WEBSTER ROAD

MONOHANSETT ROAD

R=25.00'
L=35.14'
T=21.18'

R=25.00'
L=45.34'
T=31.94'

40.00'
N84°30'25"E

N80°49'57"E
150.32'

N83°09'50"W
53.08'

N57°47'02"E
52.99'

N68°19'50"E
392.62'

N12°40'27"W
16.71'

C24

R=1211.34'
L=752.22'
T=388.88'

R=1251.34'
L=1080.64'
T=576.61'

R = 10' (TYP.)

N30°51'13"W
17.29'

S83°52'37"W
42.84'

N1°43'36"E
20.58'

+38.92

10.00'

TRAVERSE

PROP. CONST. ℄ & PGL

MATCHLINE

CONTINUED ON SHEET 60

CONTINUED ON SHEET 62

#3 WEBSTER ROAD
AKA #34 MONOHANSETT ROAD
MAP 79 PARCEL 111
N/F
LEANNE A. BAKER
DEED Bk:637 Pg:129
PLAN File:11-A
LOT 33 ON PLAN D

3 WEBSTER ROAD
MAP 79 PARCEL 111
N/F
LEANNE A. BAKER
DEED Bk:637 Pg:129
PLAN File:11-A
LOT 34 ON PLAN D

#38 MONOHANSETT ROAD
MAP 79 PARCEL 60
N/F
LEANNE A. BAKER
DEED Bk:639 Pg:314
PLAN File:11-A
LOT 34 ON PLAN D

#31 MONOHANSETT ROAD
MAP 79 PARCEL 62
N/F
RICHARD L. SHEEHAN and
MARY HUBER
DEED Bk:564 Pg:327
PLAN File:11-A
LOT 25 ON PLAN D

MONOHANSETT ROAD
79 PARCEL 62
N/F
SHEEHAN and
HUBER
Pg:327
-A
D

MAP 79 PARCEL 62
N/F
TOWN OF NANTUCKET
(BOARD OF SELECTMEN)
DEED Bk: 1585 Pg:293
PLAN File: 2012-24

MAP 79 PARCEL 12
N/F
TOWN OF NANTUCKET
DEED Bk: 117 Pg: 551

10
N: 92184.335
E: 1758255.050
EL: 29.858
REBAR WITH CAP

9
N: 92329.309
E: 1758619.920
EL: 27.241
REBAR WITH CAP

215 216 217 218 219 220 221

+50.05 +17 +26 +46 +54 +23 +56

TRAVERSE

SPRINKLER HEAD
ROCK OUTCROP
EOP
CBDH
GRAVEL DRIVE
POST & RAIL
CLF WITH BARBED WIRE

0 20 50 100
SCALE: 1" = 20'

15119.01_HD (CTG).DWG 8/9/2023

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Engineering & Construction Services
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PREPARED FOR
TOWN OF NANTUCKET
16 BROAD STREET
NANTUCKET, MA 02554

SURFSIDE AREA TRANSPORTATION ENHANCEMENTS

LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MA 02554

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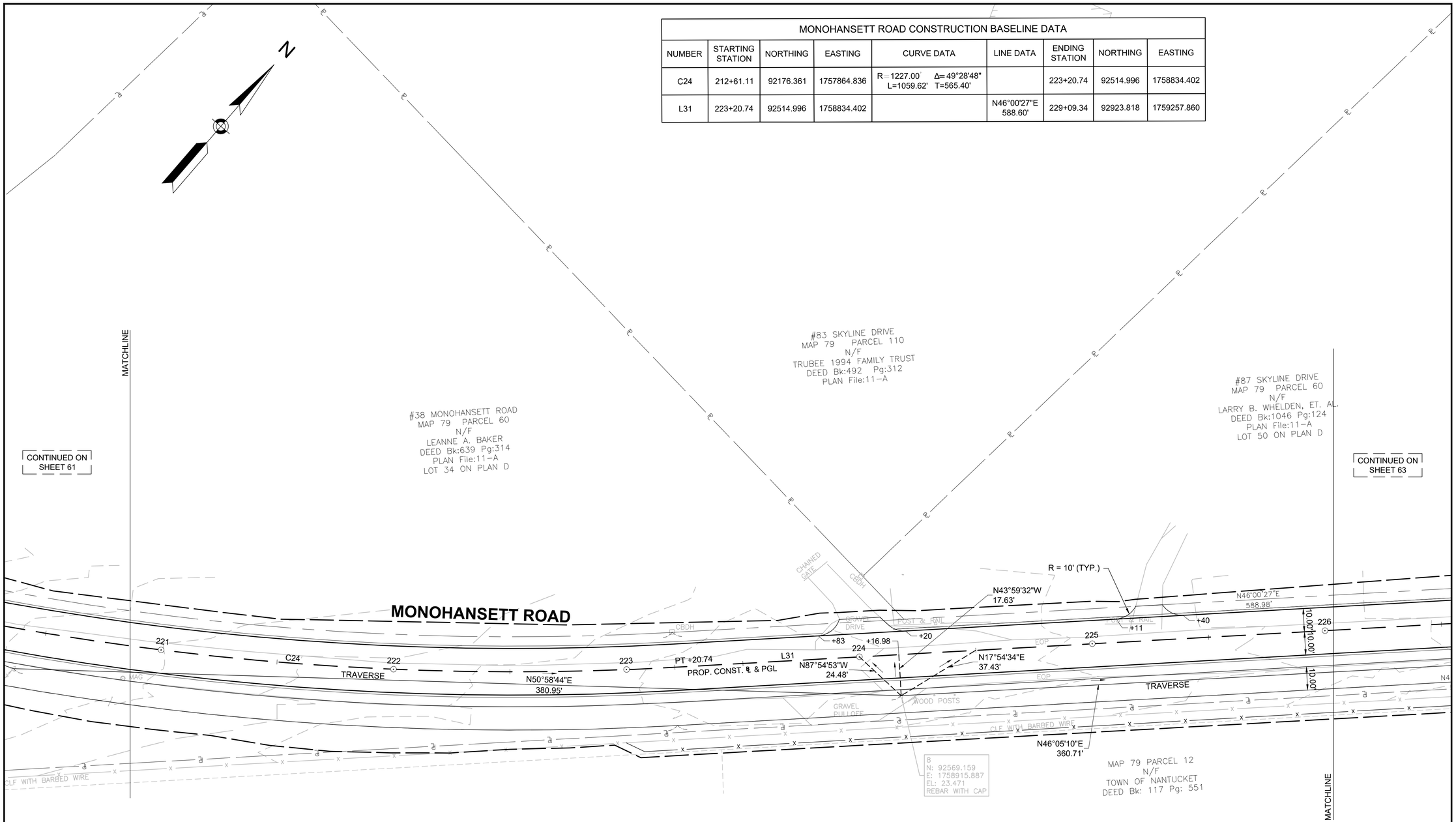
BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119

61 OF 160

MONOHANSETT ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C24	212+61.11	92176.361	1757864.836	R=1227.00' Δ=49°28'48" L=1059.62' T=565.40'		223+20.74	92514.996	1758834.402
L31	223+20.74	92514.996	1758834.402		N46°00'27"E 588.60'	229+09.34	92923.818	1759257.860



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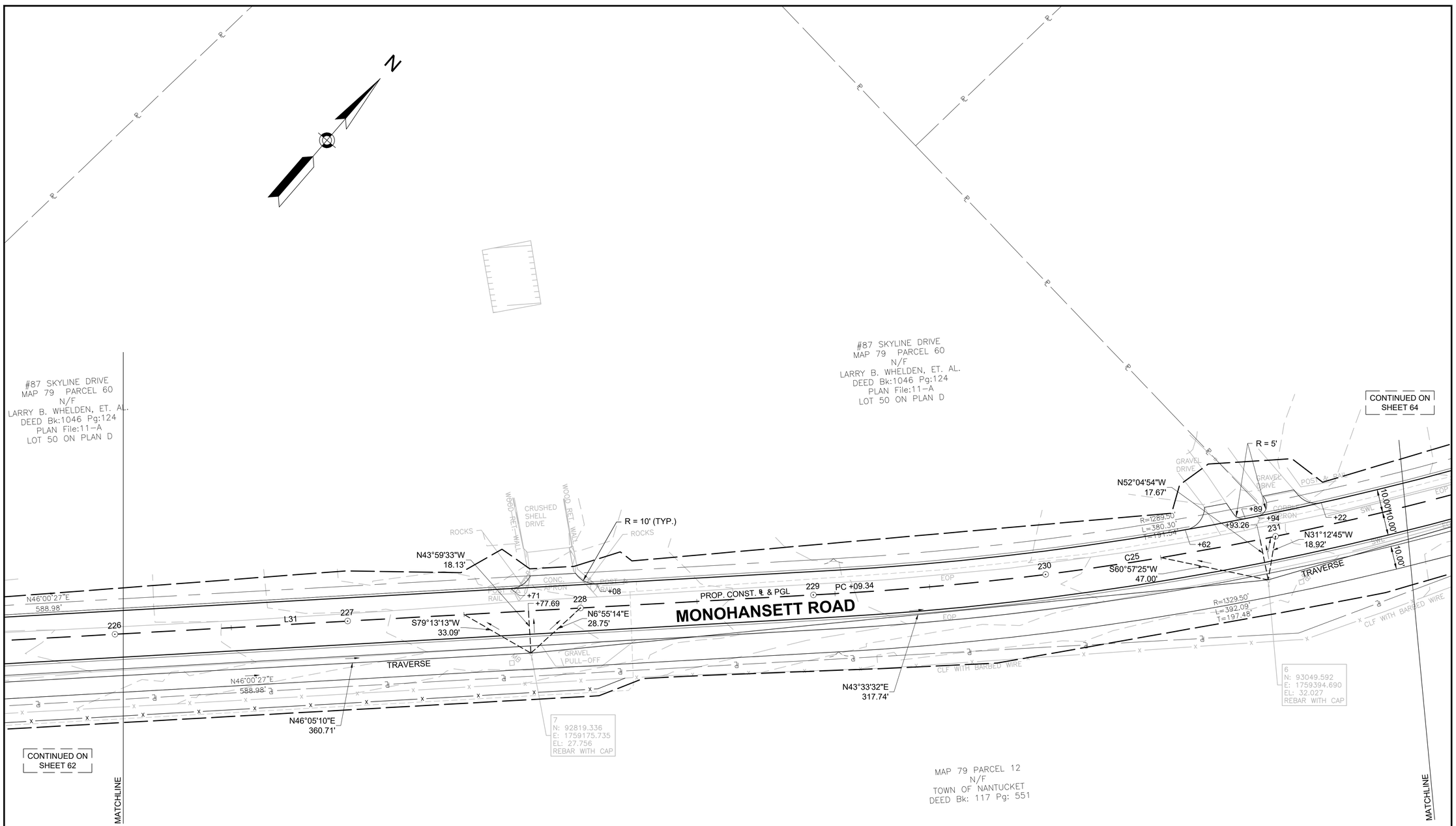
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EMD	BAM

BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119

62 OF 160



MONOHANSETT ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L31	223+20.74	92514.996	1758834.402		N46°00'27"E 588.60'	229+09.34	92923.818	1759257.860
C25	229+09.34	92923.818	1759257.860	R=1305.00' Δ=16°53'51" L=384.87' T=193.84'		232+94.21	93227.808	1759491.616

0 20 50 100

SCALE: 1" = 20'

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SURFSIDE AREA TRANSPORTATION ENHANCEMENTS

LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MA 02554

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NO.	REVISION	DATE

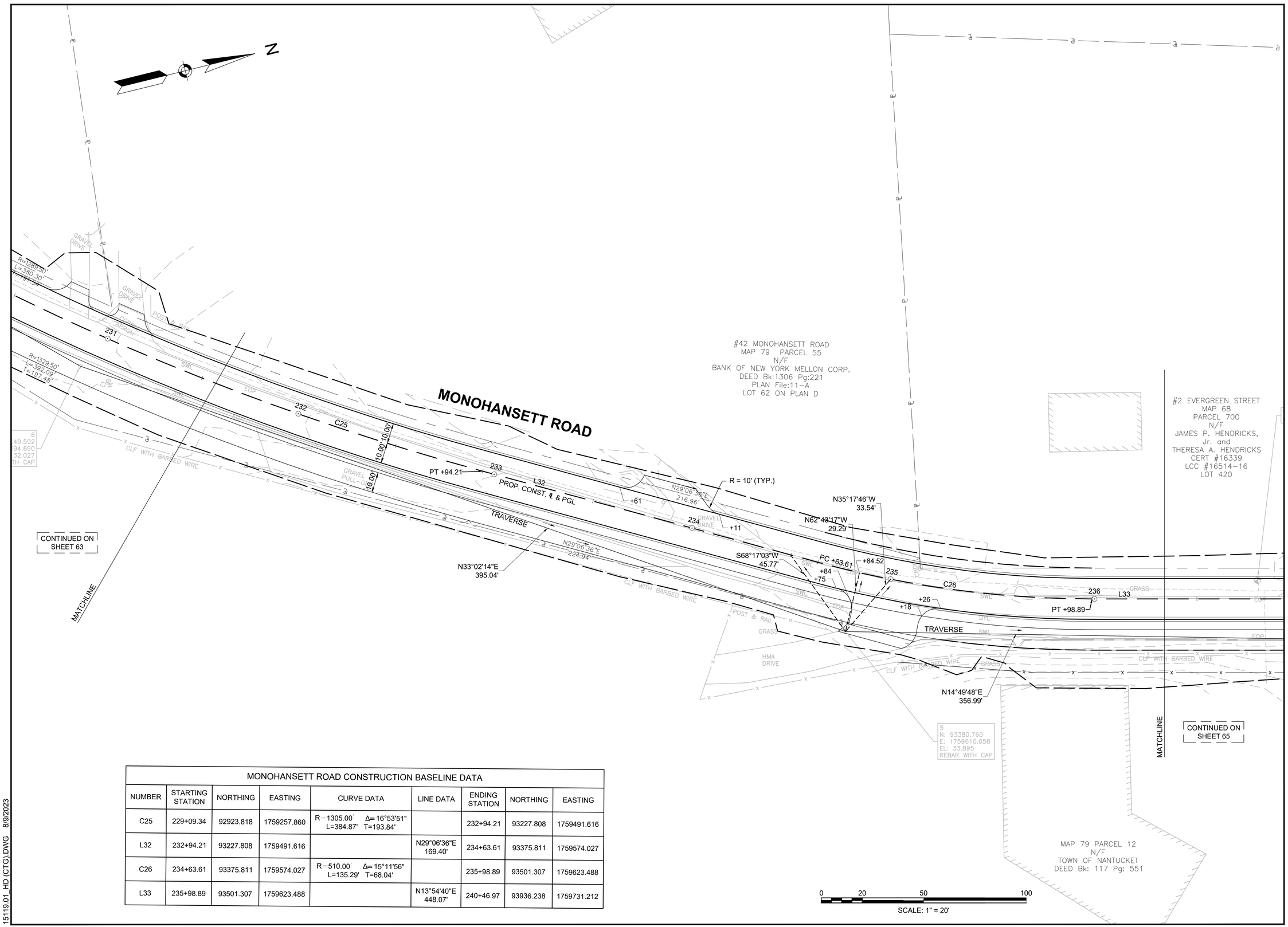
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BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119



MONOHANSETT ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C25	229+09.34	92923.818	1759257.860	R=1305.00' Δ=16°53'51" L=384.87' T=193.84'		232+94.21	93227.808	1759491.616
L32	232+94.21	93227.808	1759491.616		N29°06'36"E 169.40'	234+63.61	93375.811	1759574.027
C26	234+63.61	93375.811	1759574.027	R=510.00' Δ=15°11'56" L=135.29' T=68.04'		235+98.89	93501.307	1759623.488
L33	235+98.89	93501.307	1759623.488		N13°54'40"E 448.07'	240+46.97	93936.238	1759731.212

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BASELINE & CURB TIE PLANS

SCALE: 1"=20'

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MONOHANSETT ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L33	235+98.89	93501.307	1759623.488		N13°54'40"E 448.07'	240+46.97	93936.238	1759731.212
L34	240+46.97	93936.238	1759731.212		N14°37'38"E 200.03'	242+47.00	94129.785	1759781.726

Curve Table			
Curve #	Delta	Radius	Length
C303	86°43'35"	20.00	30.27
C304	91°01'38"	20.00	31.77

EVERGREEN WAY

#2 EVERGREEN STREET
MAP 68
PARCEL 700
N/F
JAMES P. HENDRICKS, Jr. and
THERESA A. HENDRICKS
CERT #16339
LCC #16514-16
LOT 420

BENCHMARK: PUNCHMARK IN HYD BOLT
EL=35.82

#1 EVERGREEN WAY
MAP 68 PARCEL 727
N/F
RICHARD A. VALERO AND
GALE L. VALERO
L.C.C. NO. 16514-16
LOT 447
CERT. NO. 25153
DOC. NO. 143935

LIMIT OF WORK
MEET EXISTING

POT +32.71 41.92' L
PT +31.96 28.86' L
PC +11.99 10.00' L
POT +52.03 40.82' L
PC +51.84 30.36' L
PT +71.84 10.00' L

R = 5
R = 10' (TYP.)
S45°14'41"W 41.67'
N76°05'20"W 21.67'
S34°01'10"W 53.91'
N75°22'22"W 17.90'
N5°23'13"W 52.30'

MONOHANSETT ROAD

+99 +28 +35.59 +68 +77 +10 +02 +95 +04 +39

236 237 L33 238 239 240 PI +46.97 241 +00.85 L34

PT +98.89

N14°49'48"E 356.99'
N42°28'25"W 26.02'
PROP. CONST. ℄ & PGL
TRAVERSE
N13°14'30"E 265.05'

10.00' 10.00'

CONTINUED ON SHEET 64

CONTINUED ON SHEET 66

MATCHLINE

MATCHLINE

4
N: 93725.856
E: 1759701.429
EL: 35.418
MAGNAIL

3
N: 93983.860
E: 1759762.142
EL: 36.255
REBAR WITH CAP

MAP 79 PARCEL 12
N/F
TOWN OF NANTUCKET
DEED Bk: 117 Pg: 551

MAP 79 PARCEL 12
N/F
TOWN OF NANTUCKET
DEED Bk: 117 Pg: 551

GRAVEL DRIVE
GRASS
EOP
CLF WITH BARBED WIRE
POST & RAIL
HMA PARKING
GRAVEL PARKING
HMA DRIVE
STONE WALL
STONE RETAINING WALL
SWL
DYL
ROCK OUT

0 20 50 100
SCALE: 1" = 20'

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LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
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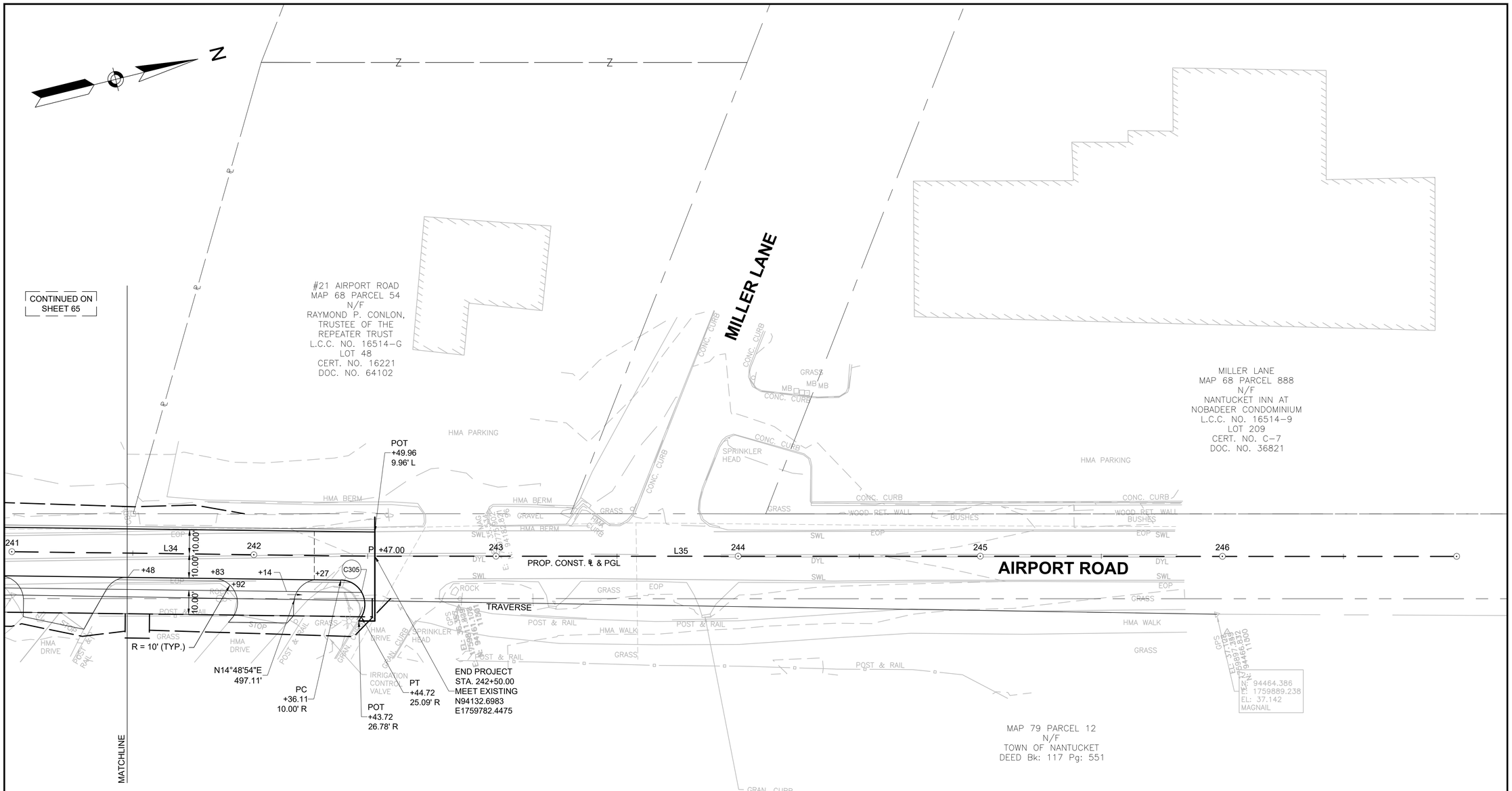
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BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119



Curve Table			
Curve #	Delta	Radius	Length
C305	120°33'55"	10.00	21.04

MONOHANSETT ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L34	240+46.97	93936.238	1759731.212		N14°37'38"E 200.03'	242+47.00	94129.785	1759781.726
L35	242+47.00	94129.785	1759781.726		N13°54'40"E 449.72'	246+96.72	94566.317	1759889.847

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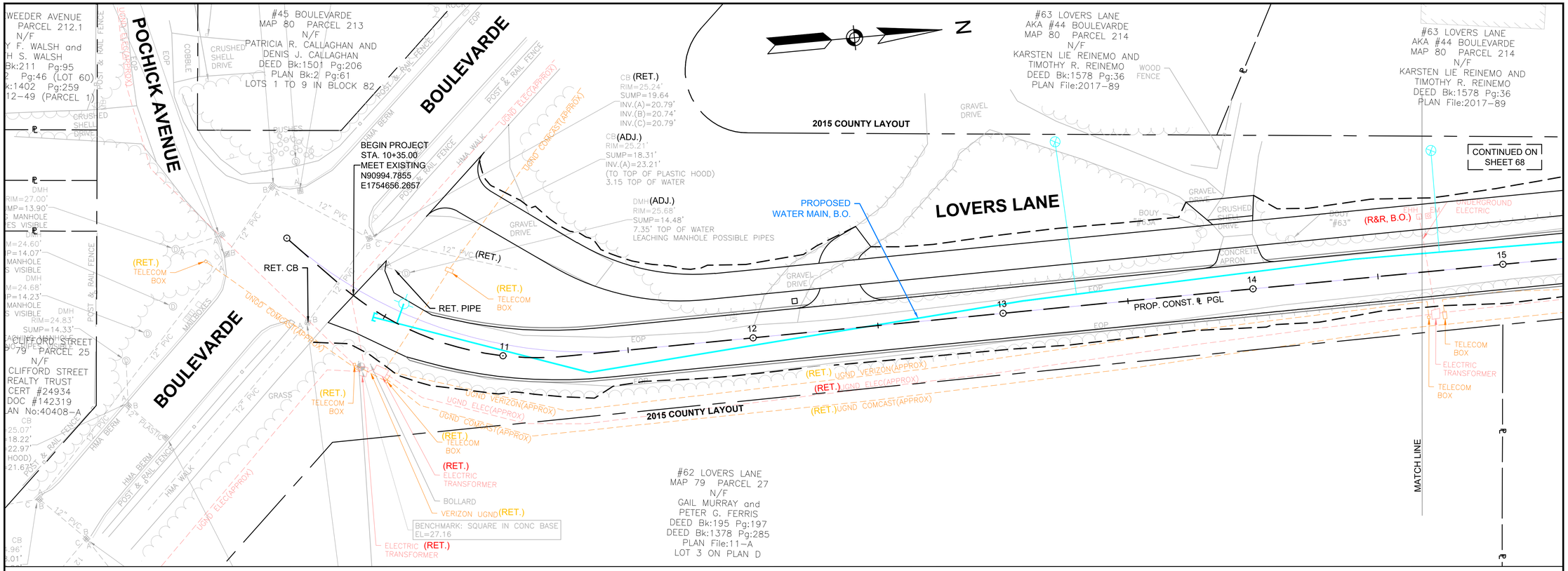
08/09/2023

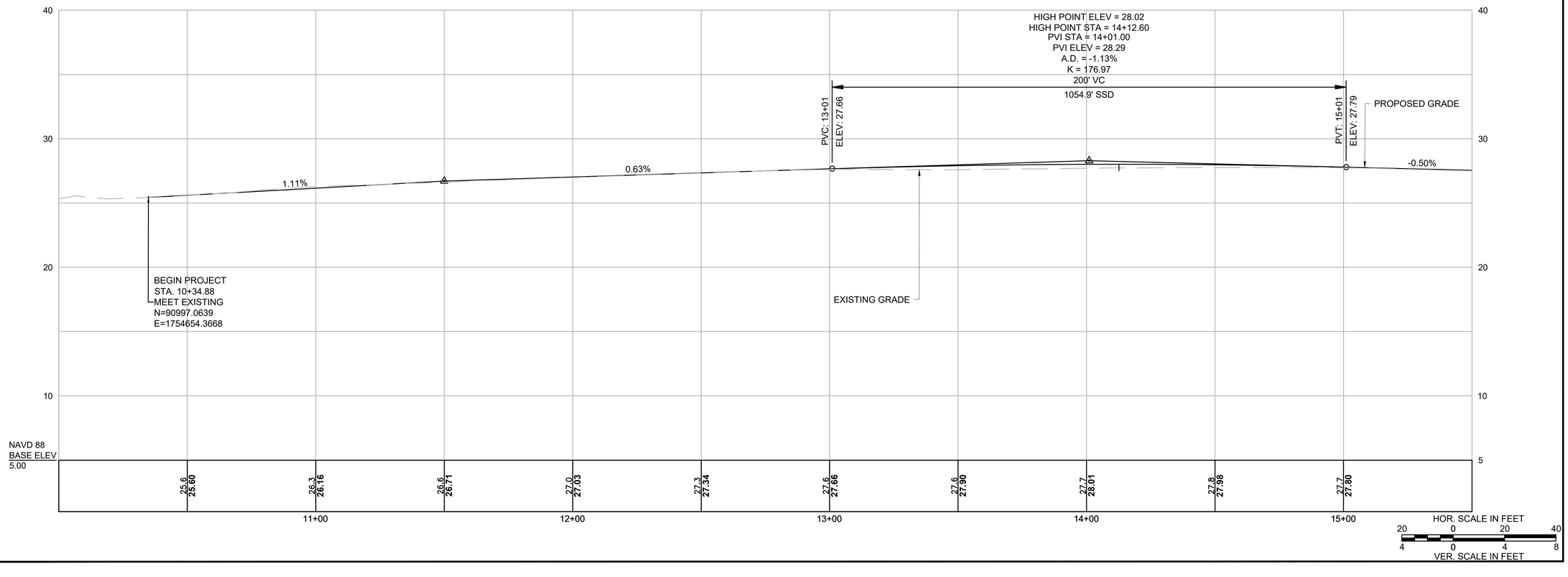
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EMD	BAM

BASELINE & CURB TIE PLANS

SCALE: 1"=20'

15119





15119.01_HD (DU)_LOVERS.DWG 8/10/2023

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16 BROAD STREET
NANTUCKET, MA 02554

SURFSIDE AREA TRANSPORTATION ENHANCEMENTS

LOVERS LANE, MONOHANSETT ROAD & OKORWAW AVENUE
NANTUCKET, MA 02554

REVISIONS

NO.	REVISION	DATE

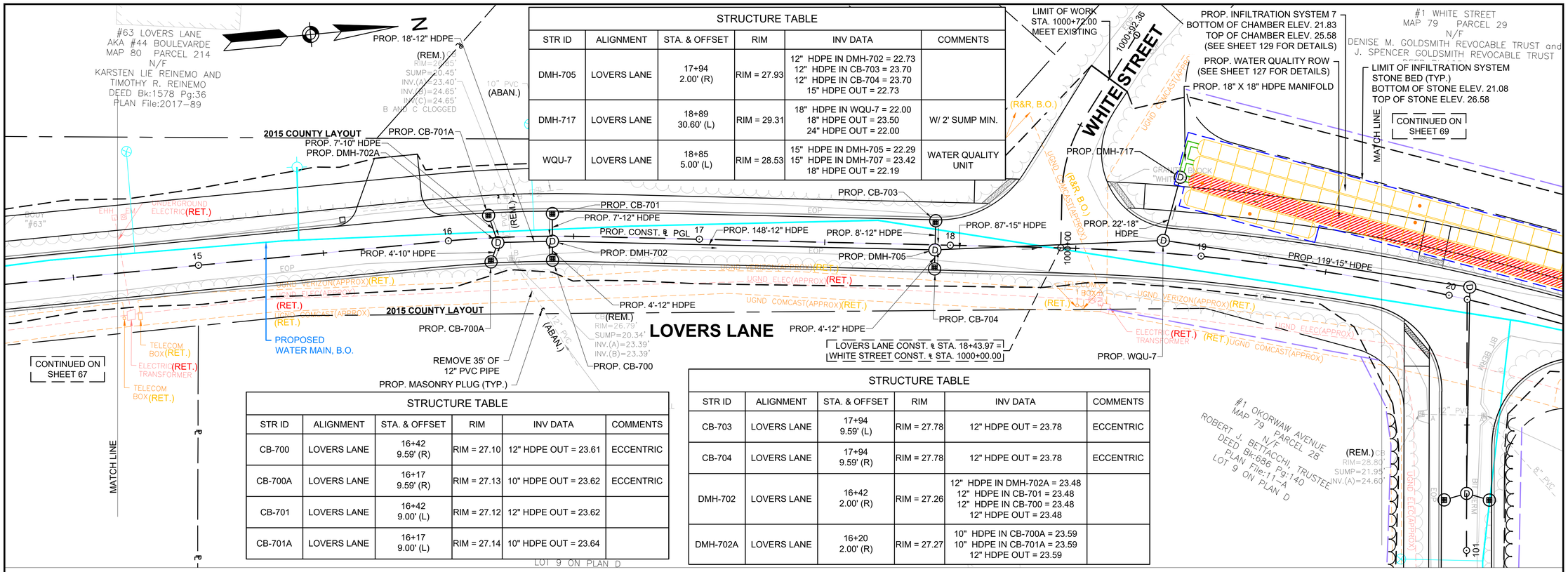
08/09/2023

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CPD	BAM

DRAINAGE & UTILITY PLANS & PROFILES

SCALE: AS NOTED

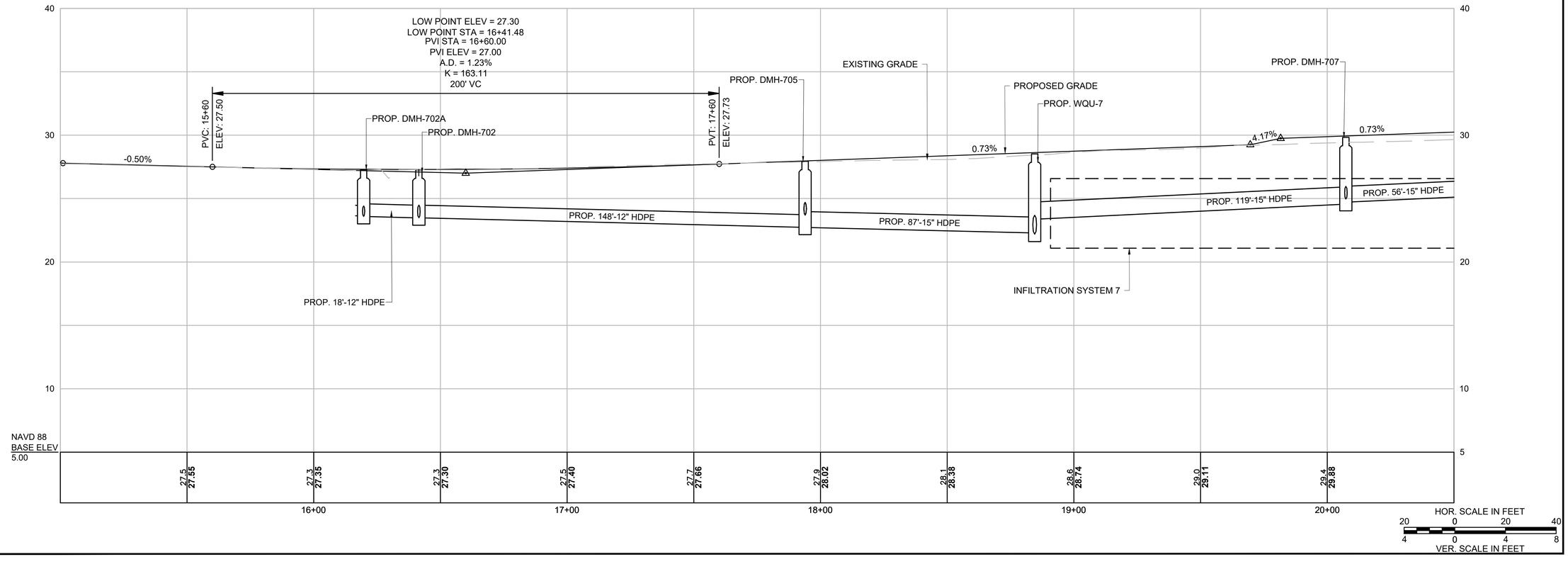
15119



STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
DMH-705	LOVERS LANE	17+94 2.00' (R)	RIM = 27.93	12" HDPE IN DMH-702 = 22.73 12" HDPE IN CB-703 = 23.70 12" HDPE IN CB-704 = 23.70 15" HDPE OUT = 22.73	
DMH-717	LOVERS LANE	18+89 30.60' (L)	RIM = 29.31	18" HDPE IN WQU-7 = 22.00 18" HDPE OUT = 23.50 24" HDPE OUT = 22.00	W/ 2' SUMP MIN.
WQU-7	LOVERS LANE	18+85 5.00' (L)	RIM = 28.53	15" HDPE IN DMH-705 = 22.29 15" HDPE IN DMH-707 = 23.42 18" HDPE OUT = 22.19	WATER QUALITY UNIT

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-700	LOVERS LANE	16+42 9.59' (R)	RIM = 27.10	12" HDPE OUT = 23.61	ECCENTRIC
CB-700A	LOVERS LANE	16+17 9.59' (R)	RIM = 27.13	10" HDPE OUT = 23.62	ECCENTRIC
CB-701	LOVERS LANE	16+42 9.00' (L)	RIM = 27.12	12" HDPE OUT = 23.62	
CB-701A	LOVERS LANE	16+17 9.00' (L)	RIM = 27.14	10" HDPE OUT = 23.64	

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-703	LOVERS LANE	17+94 9.59' (L)	RIM = 27.78	12" HDPE OUT = 23.78	ECCENTRIC
CB-704	LOVERS LANE	17+94 9.59' (R)	RIM = 27.78	12" HDPE OUT = 23.78	ECCENTRIC
DMH-702	LOVERS LANE	16+42 2.00' (R)	RIM = 27.26	12" HDPE IN DMH-702A = 23.48 12" HDPE IN CB-701 = 23.48 12" HDPE IN CB-700 = 23.48 12" HDPE OUT = 23.48	
DMH-702A	LOVERS LANE	16+20 2.00' (R)	RIM = 27.27	10" HDPE IN CB-700A = 23.59 10" HDPE IN CB-701A = 23.59 12" HDPE OUT = 23.59	



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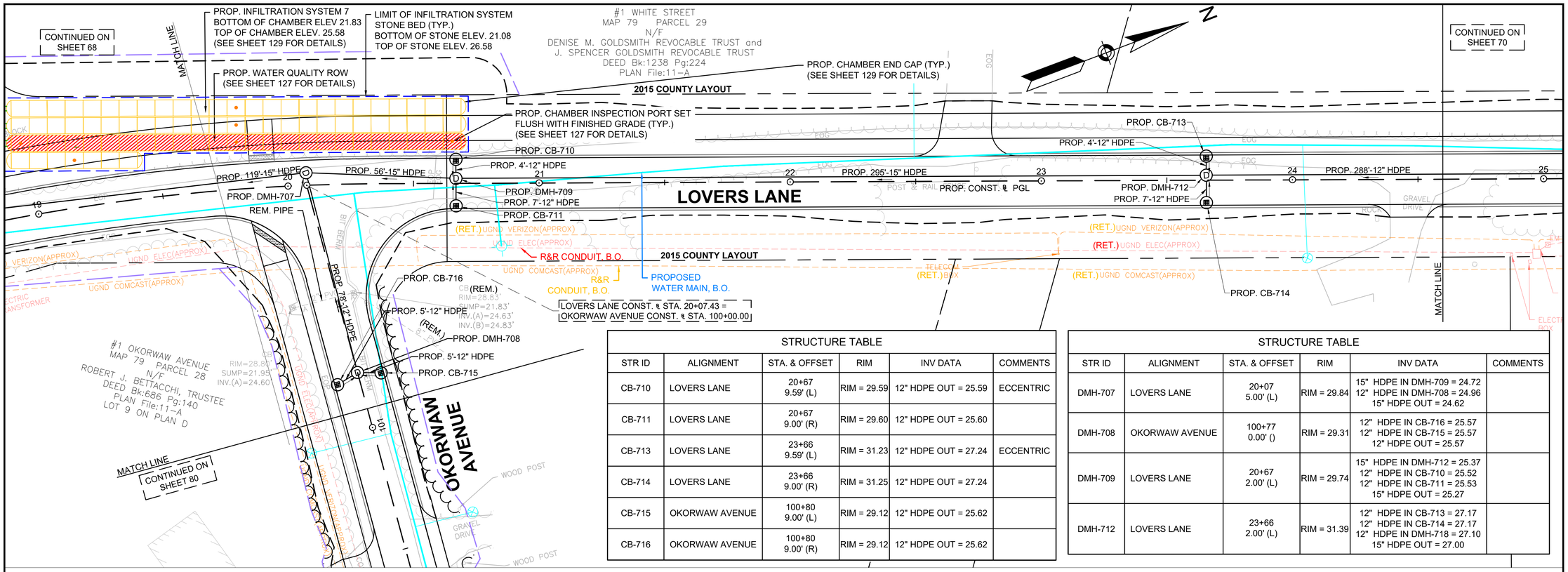
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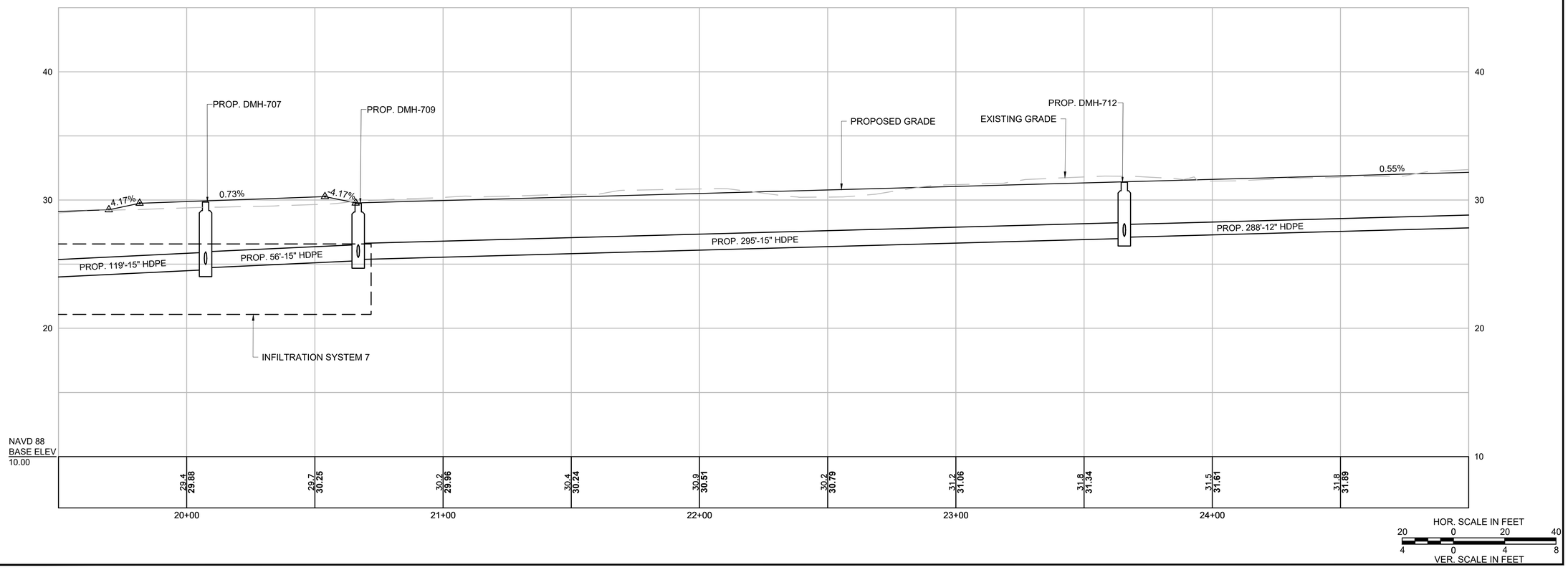
SCALE: AS NOTED

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STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-710	LOVERS LANE	20+67 9.59' (L)	RIM = 29.59	12" HDPE OUT = 25.59	ECCENTRIC
CB-711	LOVERS LANE	20+67 9.00' (R)	RIM = 29.60	12" HDPE OUT = 25.60	
CB-713	LOVERS LANE	23+66 9.59' (L)	RIM = 31.23	12" HDPE OUT = 27.24	ECCENTRIC
CB-714	LOVERS LANE	23+66 9.00' (R)	RIM = 31.25	12" HDPE OUT = 27.24	
CB-715	OKORWAW AVENUE	100+80 9.00' (L)	RIM = 29.12	12" HDPE OUT = 25.62	
CB-716	OKORWAW AVENUE	100+80 9.00' (R)	RIM = 29.12	12" HDPE OUT = 25.62	

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
DMH-707	LOVERS LANE	20+07 5.00' (L)	RIM = 29.84	15" HDPE IN DMH-709 = 24.72 12" HDPE IN DMH-708 = 24.96 15" HDPE OUT = 24.62	
DMH-708	OKORWAW AVENUE	100+77 0.00' ()	RIM = 29.31	12" HDPE IN CB-716 = 25.57 12" HDPE IN CB-715 = 25.57 12" HDPE OUT = 25.57	
DMH-709	LOVERS LANE	20+67 2.00' (L)	RIM = 29.74	15" HDPE IN DMH-712 = 25.37 12" HDPE IN CB-710 = 25.52 12" HDPE IN CB-711 = 25.53 15" HDPE OUT = 25.27	
DMH-712	LOVERS LANE	23+66 2.00' (L)	RIM = 31.39	12" HDPE IN CB-713 = 27.17 12" HDPE IN CB-714 = 27.17 12" HDPE IN DMH-718 = 27.10 15" HDPE OUT = 27.00	



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NANTUCKET, MA 02554

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		08/09/2023

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CPD	BAM

DRAINAGE & UTILITY PLANS & PROFILES

SCALE: AS NOTED

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STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-719	LOVERS LANE	26+66 9.00' (R)	RIM = 32.90	12" HDPE OUT = 28.89	
CB-720	LOVERS LANE	26+66 9.00' (L)	RIM = 32.90	12" HDPE OUT = 28.88	
DMH-718	LOVERS LANE	26+58 2.00' (L)	RIM = 32.99	12" HDPE IN CB-720 = 28.79 12" HDPE IN CB-719 = 28.79 12" HDPE OUT = 28.69	

RUGGED ROAD
MAP 79 PARCEL 30
N/F
CAMP RICHARDS
CAMPERS ASSOCIATION, INC.
BK/PG 1396/22
PB/PL P2/85

CONTINUED ON SHEET 69

PROP. DMH-718
PROP. 7'-12" HDPE
PROP. CB-720

LOVERS LANE

2015 COUNTY LAYOUT

PROPOSED WATER MAIN, B.O.

EOG
25
PROP. 288'-12" HDPE
26
27
PROP. CONST. ℄ PGL
28
29
30
GRAVEL DRIVE
ROCK
MATCH LINE
(RET.) ELEC
(RET.) ELECTRIC TRANSFORMER
(RET.) ELECTRIC BOX
(RET.) UGND VERIZON(APPROX)
(RET.) UNDERGROUND ELECTRIC
UNDERGROUND ELECTRIC
(RET.) UGND COMCAST(APPROX)
2015 COUNTY LAYOUT
PROP. 10'-12" HDPE
PROP. CB-719
TELECOM (RET.) BOX
(RET.) EHH
(RET.) WELL
ELECTRIC BOX (RET.)
CRUSHED SHELL DRIVE
UGND VERIZON(APPROX)(RET.)
(RET.) UGND COMCAST(APPROX)
BURIED PROPANE TANK COVER (RET.)
TELECOM BOX(RET.)
WOOD TRASH BIN
CONCRETE
BRICK
UGND VERIZON(APP
UGND ELEC(APPR
UGND COMCAST(AP
POST & RAIL FENCE
MATCH LINE

CONTINUED ON SHEET 71

#52 LOVERS LANE
MAP 79 PARCEL 81
N/F
CHANDANI, LLC
BK/PG 1623/48
PB/PL 17/29

#50 LOVERS LANE
MAP 79 PARCEL 82
N/F
ALEJANDRA V. CARVAJAL AND
AMY KOSSNAR
BK/PG 1486/284
PB/PL 17/29

℄

HIGH POINT ELEV = 34.48
HIGH POINT STA = 29+66.06
PVI STA = 29+62.00
PVI ELEV = 34.70
A.D. = -1.05%
K = 166.48
175' VC
1114.1' SSD

PROP. DMH-718
PROPOSED GRADE
PVC: 28+74.50
ELEV: 34.22
PVT: 30+49.50
ELEV: 34.27
PROP. 288'-12" HDPE
EXISTING GRADE

40
30
20
10

NAVD 88
BASE ELEV
10.00

26+00	27+00	28+00	29+00	30+00
32.4 / 32.44	33.0 / 32.71	33.3 / 32.99	33.3 / 33.26	33.2 / 33.54
33.6 / 33.81	33.8 / 34.09	33.8 / 34.34	33.8 / 34.47	33.9 / 34.44

HOR. SCALE IN FEET
20 0 20 40
VER. SCALE IN FEET
4 0 4 8

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SURFSIDE AREA TRANSPORTATION ENHANCEMENTS
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NANTUCKET, MA 02554

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CPD	BAM

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STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-800	LOVERS LANE	31+55 9.00' (L)	RIM = 33.56	12" HDPE OUT = 29.56	
CB-801	LOVERS LANE	31+55 9.00' (R)	RIM = 33.56	12" HDPE OUT = 29.56	
CB-803	LOVERS LANE	33+55 9.00' (L)	RIM = 32.65	12" HDPE OUT = 28.65	

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
DMH-802	LOVERS LANE	31+64 5.00' (R)	RIM = 33.59	12" HDPE IN CB-800 = 29.47 12" HDPE IN CB-801 = 29.47 12" HDPE OUT = 29.37	
DMH-805	LOVERS LANE	33+55 2.00' (R)	RIM = 32.79	12" HDPE IN DMH-802 = 28.43 12" HDPE IN CB-803 = 28.57 12" HDPE IN CB-804 = 28.57 12" HDPE OUT = 28.33	
DMH-807	LOVERS LANE	33+80 2.00' (R)	RIM = 32.76	12" HDPE IN CB-806 = 28.55 12" HDPE IN CB-808 = 28.55 12" HDPE IN DMH-805 = 28.22 15" HDPE OUT = 28.12	

LOVERS LANE

2015 COUNTY LAYOUT

PROP. 12'-12" HDPE
PROP. CB-800
PROPOSED WATER MAIN, B.O.
PROP. CONST. ℄ PGL
PROP. DMH-802
PROP. 6'-12" HDPE
PROP. CB-801
PROP. 187'-12" HDPE
PROP. CB-803
PROP. 7'-12" HDPE
PROP. DMH-805
PROP. 4'-12" HDPE
PROP. CB-806
PROP. 7'-12" HDPE
PROP. DMH-807
PROP. 140'-15" HDPE
PROP. 4'-12" HDPE
PROP. CB-804
PROP. 21'-12" HDPE
PROP. CB-808
PROP. UPL 18
R&R EM, B.O.
RET. UPL 18

30 31 32 33 34 35

UGND VERIZON(APPROX) (RET.)
UGND ELEC(APPROX) (RET.)
UGND COMCAST(APPROX) (RET.)
EHH (RET.)
(RET.) ELECTRIC TRANSFORMER
(RET.) 2 PVC CONDUIT PIPES
(RET.) TELECOM BOX
(RET.) TELECOM BOX
(RET.) TELECOM BOX
(RET.)

CRUSHED SHELL DRIVE
CONCRETE
BRICK
POST & RAIL FENCE
EOG
BOG
GRAVEL
HMA DRIVE
GRAVEL DRIVE
TELECOM BOX

CONTINUED ON SHEET 70
MATCH LINE
CONTINUED ON SHEET 72
MATCH LINE

#48 LOVERS LANE
MAP 79 PARCEL 83
N/F
JOSEPH A. SKOMURSKI
AND
MELISSA S. NATHAN
BK/PG 1566/274
PB/PL 17/29

#44 LOVERS LANE
MAP 79 PARCEL 31
N/F
MARGARET S. M. ROBERTS, TRUSTEE OF
MARGARET S. M. ROBERTS REVOCABLE TRUST
BK/PG 1536/192
PB/PL 17/29

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-804	LOVERS LANE	33+55 9.59' (R)	RIM = 32.63	12" HDPE OUT = 28.64	ECCENTRIC
CB-806	LOVERS LANE	33+80 9.00' (L)	RIM = 32.62	12" HDPE OUT = 28.62	
CB-808	LOVERS LANE	33+80 9.59' (R)	RIM = 32.61	12" HDPE OUT = 28.61	ECCENTRIC

HIGH POINT ELEV = 34.48
HIGH POINT STA = 29+66.06
PVI STA = 29+62.00
PVI ELEV = 34.70
A.D. = -1.05%
K = 166.48
175' VC
1114.1' SSD
PVT: 30+49.50
ELEV: 34.27

LOW POINT ELEV = 32.80
LOW POINT STA = 33+79.98
PVI STA = 33+80.00
PVI ELEV = 32.61
A.D. = 1.00%
K = 153.59
154' VC
PVC: 33+03
ELEV: 33.00

HIGH POINT ELEV = 33.16
HIGH POINT STA = 35+23.80
PVI STA = 35+57.00
PVI ELEV = 33.50
A.D. = -1.50%
K = 133.20
200' VC
818.7' SSD
PRVC: 34+57
ELEV: 33.00

EXISTING GRADE
PROPOSED GRADE
-0.50%
PROP. DMH-802
PROP. DMH-805
PROP. DMH-807
PROP. DMH-810
PROP. 187'-12" HDPE
PROP. 140'-15" HDPE
PROP. 21'-12" HDPE

NAVD 88
BASE ELEV
10.00

40 30 20 10

31+00	32+00	33+00	34+00	35+00
33.8 / 34.26	33.6 / 34.01	33.3 / 33.76	33.3 / 33.51	32.9 / 33.26
32.7 / 33.01	32.4 / 32.83	32.1 / 32.82	32.0 / 32.96	32.1 / 33.14

HOR. SCALE IN FEET
20 0 20 40
VER. SCALE IN FEET
4 0 4 8

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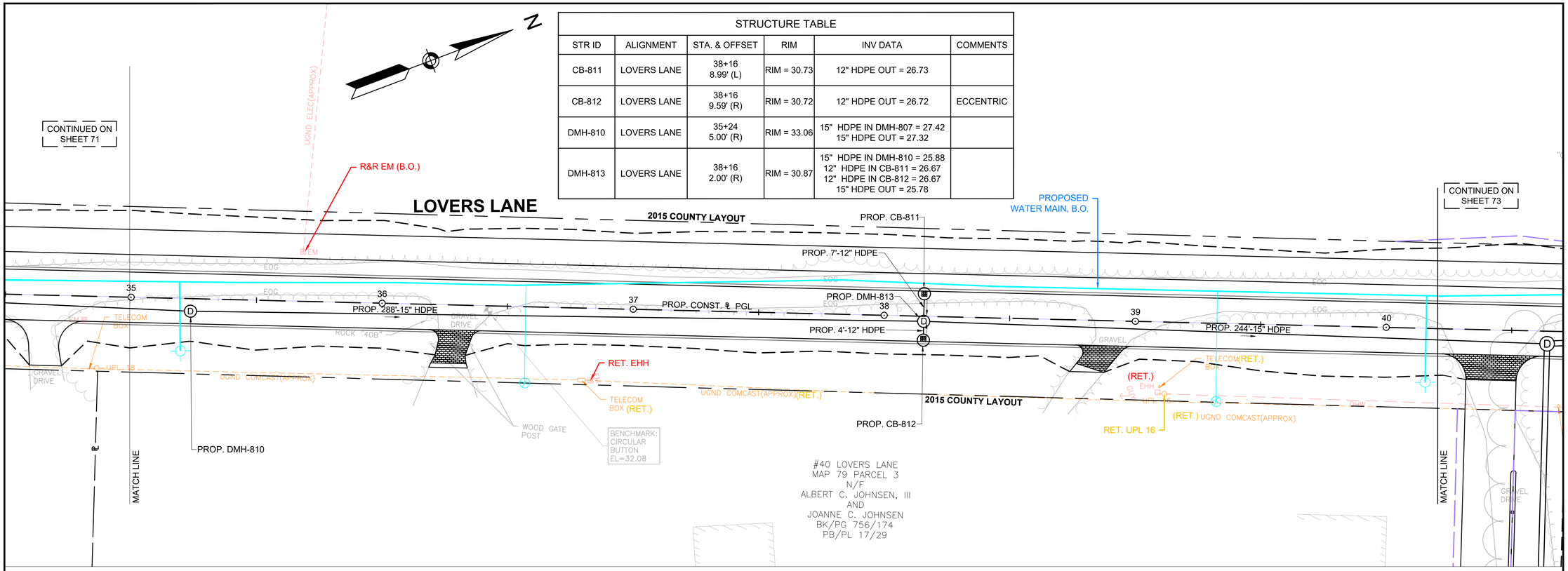
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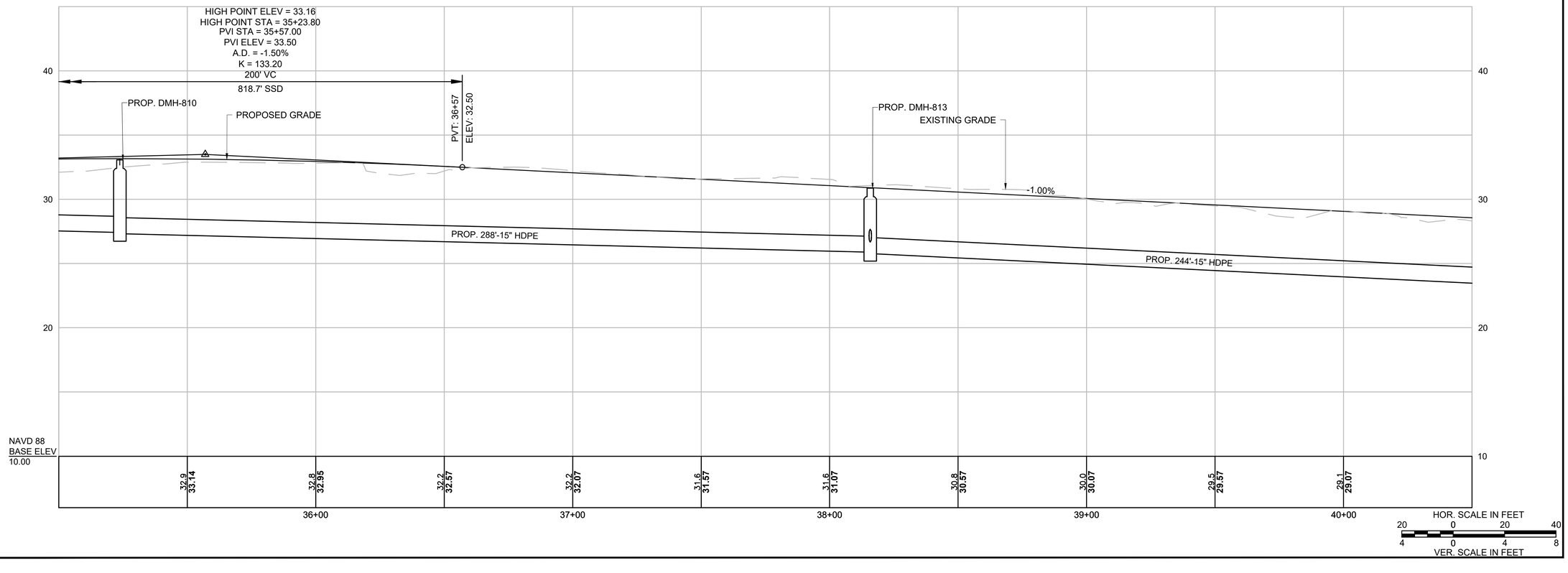
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STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-811	LOVERS LANE	38+16 8.99' (L)	RIM = 30.73	12" HDPE OUT = 26.73	
CB-812	LOVERS LANE	38+16 9.59' (R)	RIM = 30.72	12" HDPE OUT = 26.72	ECCENTRIC
DMH-810	LOVERS LANE	35+24 5.00' (R)	RIM = 33.06	15" HDPE IN DMH-807 = 27.42 15" HDPE OUT = 27.32	
DMH-813	LOVERS LANE	38+16 2.00' (R)	RIM = 30.87	15" HDPE IN DMH-810 = 25.88 12" HDPE IN CB-811 = 26.67 12" HDPE IN CB-812 = 26.67 15" HDPE OUT = 25.78	





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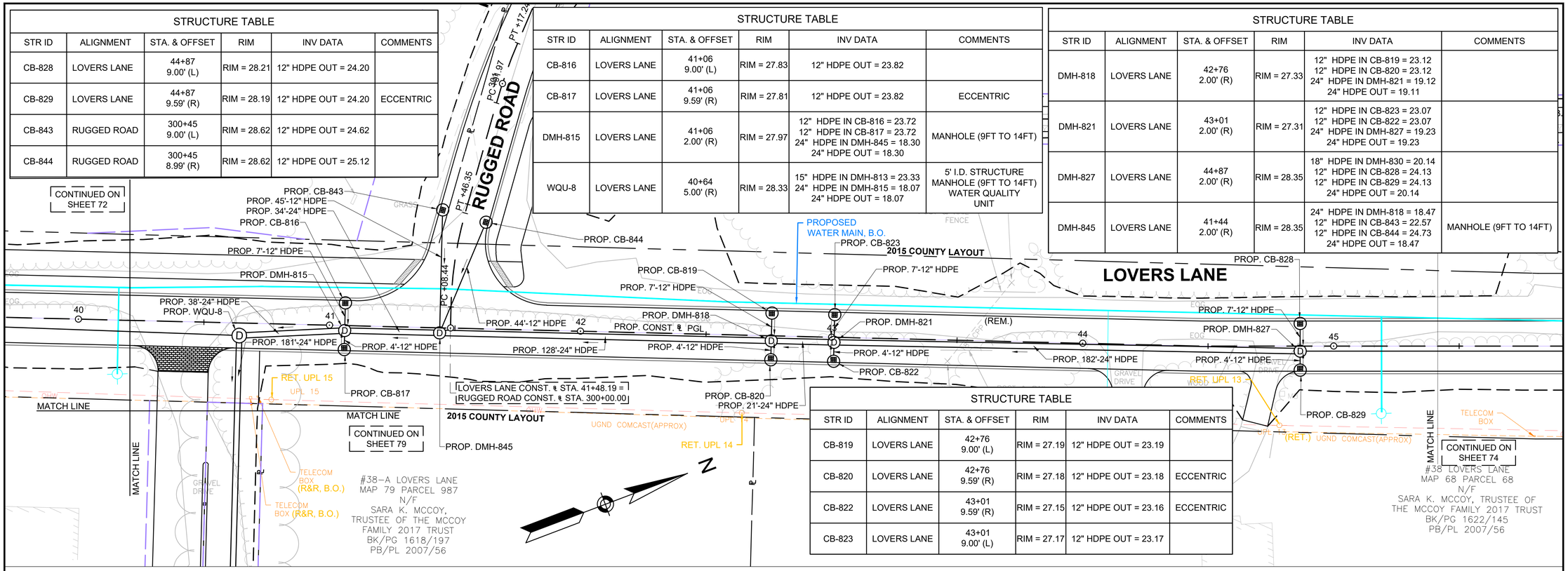
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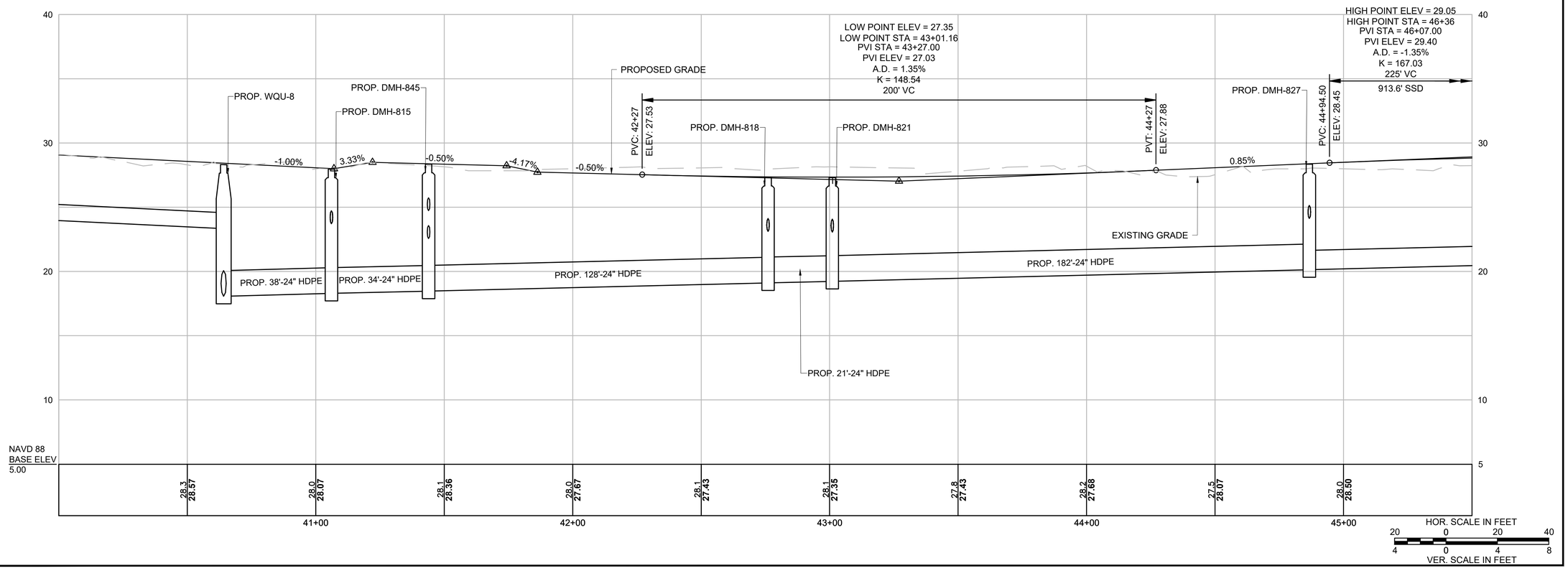
STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-828	LOVERS LANE	44+87 9.00' (L)	RIM = 28.21	12" HDPE OUT = 24.20	
CB-829	LOVERS LANE	44+87 9.59' (R)	RIM = 28.19	12" HDPE OUT = 24.20	ECCENTRIC
CB-843	RUGGED ROAD	300+45 9.00' (L)	RIM = 28.62	12" HDPE OUT = 24.62	
CB-844	RUGGED ROAD	300+45 8.99' (R)	RIM = 28.62	12" HDPE OUT = 25.12	

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-816	LOVERS LANE	41+06 9.00' (L)	RIM = 27.83	12" HDPE OUT = 23.82	
CB-817	LOVERS LANE	41+06 9.59' (R)	RIM = 27.81	12" HDPE OUT = 23.82	ECCENTRIC
DMH-815	LOVERS LANE	41+06 2.00' (R)	RIM = 27.97	12" HDPE IN CB-816 = 23.72 12" HDPE IN CB-817 = 23.72 24" HDPE IN DMH-845 = 18.30 24" HDPE OUT = 18.30	MANHOLE (9FT TO 14FT)
WQU-8	LOVERS LANE	40+64 5.00' (R)	RIM = 28.33	15" HDPE IN DMH-813 = 23.33 24" HDPE IN DMH-815 = 18.07 24" HDPE OUT = 18.07	5' I.D. STRUCTURE MANHOLE (9FT TO 14FT) WATER QUALITY UNIT

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
DMH-818	LOVERS LANE	42+76 2.00' (R)	RIM = 27.33	12" HDPE IN CB-819 = 23.12 12" HDPE IN CB-820 = 23.12 24" HDPE IN DMH-821 = 19.12 24" HDPE OUT = 19.11	
DMH-821	LOVERS LANE	43+01 2.00' (R)	RIM = 27.31	12" HDPE IN CB-823 = 23.07 12" HDPE IN CB-822 = 23.07 24" HDPE IN DMH-827 = 19.23 24" HDPE OUT = 19.23	
DMH-827	LOVERS LANE	44+87 2.00' (R)	RIM = 28.35	18" HDPE IN DMH-830 = 20.14 12" HDPE IN CB-828 = 24.13 12" HDPE IN CB-829 = 24.13 24" HDPE OUT = 20.14	
DMH-845	LOVERS LANE	41+44 2.00' (R)	RIM = 28.35	24" HDPE IN DMH-818 = 18.47 12" HDPE IN CB-843 = 22.57 12" HDPE IN CB-844 = 24.73 24" HDPE OUT = 18.47	MANHOLE (9FT TO 14FT)

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-819	LOVERS LANE	42+76 9.00' (L)	RIM = 27.19	12" HDPE OUT = 23.19	
CB-820	LOVERS LANE	42+76 9.59' (R)	RIM = 27.18	12" HDPE OUT = 23.18	ECCENTRIC
CB-822	LOVERS LANE	43+01 9.59' (R)	RIM = 27.15	12" HDPE OUT = 23.16	ECCENTRIC
CB-823	LOVERS LANE	43+01 9.00' (L)	RIM = 27.17	12" HDPE OUT = 23.17	





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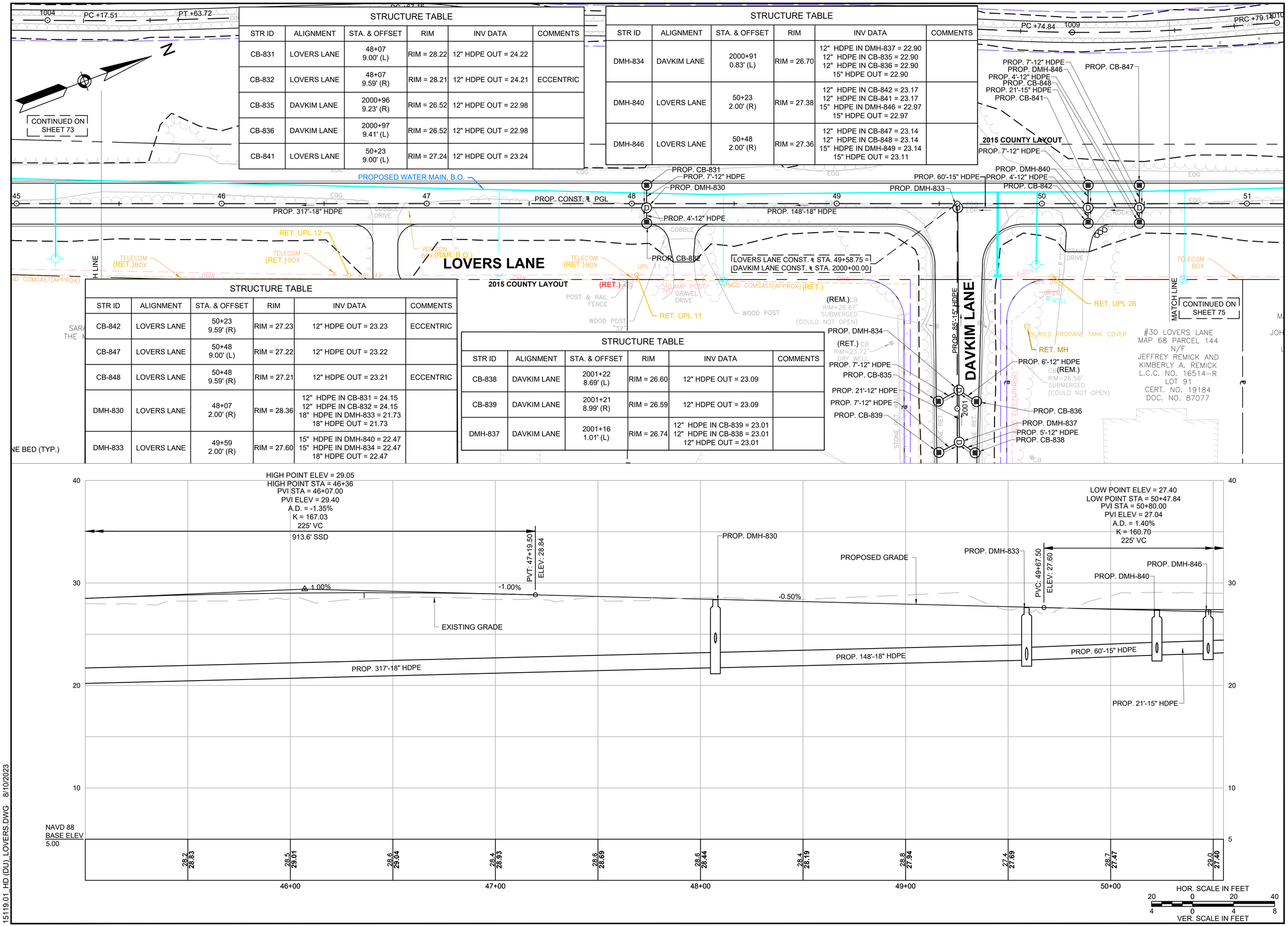
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STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-831	LOVERS LANE	48+07 9.00' (L)	RIM = 28.22	12" HDPE OUT = 24.22	
CB-832	LOVERS LANE	48+07 9.59' (R)	RIM = 28.21	12" HDPE OUT = 24.21	ECCENTRIC
CB-835	DAVKIM LANE	2000+96 9.23' (R)	RIM = 26.52	12" HDPE OUT = 22.98	
CB-836	DAVKIM LANE	2000+97 9.41' (L)	RIM = 26.52	12" HDPE OUT = 22.98	
CB-841	LOVERS LANE	50+23 9.00' (L)	RIM = 27.24	12" HDPE OUT = 23.24	

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
DMH-834	DAVKIM LANE	2000+91 0.83' (L)	RIM = 26.70	12" HDPE IN DMH-837 = 22.90 12" HDPE IN CB-835 = 22.90 12" HDPE IN CB-836 = 22.90 15" HDPE OUT = 22.90	
DMH-840	LOVERS LANE	50+23 2.00' (R)	RIM = 27.38	12" HDPE IN CB-842 = 23.17 12" HDPE IN CB-841 = 23.17 15" HDPE IN DMH-846 = 22.97 15" HDPE OUT = 22.97	
DMH-846	LOVERS LANE	50+48 2.00' (R)	RIM = 27.36	12" HDPE IN CB-847 = 23.14 12" HDPE IN CB-848 = 23.14 15" HDPE IN DMH-849 = 23.14 15" HDPE OUT = 23.11	

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-842	LOVERS LANE	50+23 9.59' (R)	RIM = 27.23	12" HDPE OUT = 23.23	ECCENTRIC
CB-847	LOVERS LANE	50+48 9.00' (L)	RIM = 27.22	12" HDPE OUT = 23.22	
CB-848	LOVERS LANE	50+48 9.59' (R)	RIM = 27.21	12" HDPE OUT = 23.21	ECCENTRIC
DMH-830	LOVERS LANE	48+07 2.00' (R)	RIM = 28.36	12" HDPE IN CB-831 = 24.15 12" HDPE IN CB-832 = 24.15 18" HDPE IN DMH-833 = 21.73 18" HDPE OUT = 21.73	
DMH-833	LOVERS LANE	49+59 2.00' (R)	RIM = 27.60	15" HDPE IN DMH-840 = 22.47 15" HDPE IN DMH-834 = 22.47 18" HDPE OUT = 22.47	

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-838	DAVKIM LANE	2001+22 8.69' (L)	RIM = 26.60	12" HDPE OUT = 23.09	
CB-839	DAVKIM LANE	2001+21 8.99' (R)	RIM = 26.59	12" HDPE OUT = 23.09	
DMH-837	DAVKIM LANE	2001+16 1.01' (L)	RIM = 26.74	12" HDPE IN CB-839 = 23.01 12" HDPE IN CB-838 = 23.01 12" HDPE OUT = 23.01	

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CPD	BAM

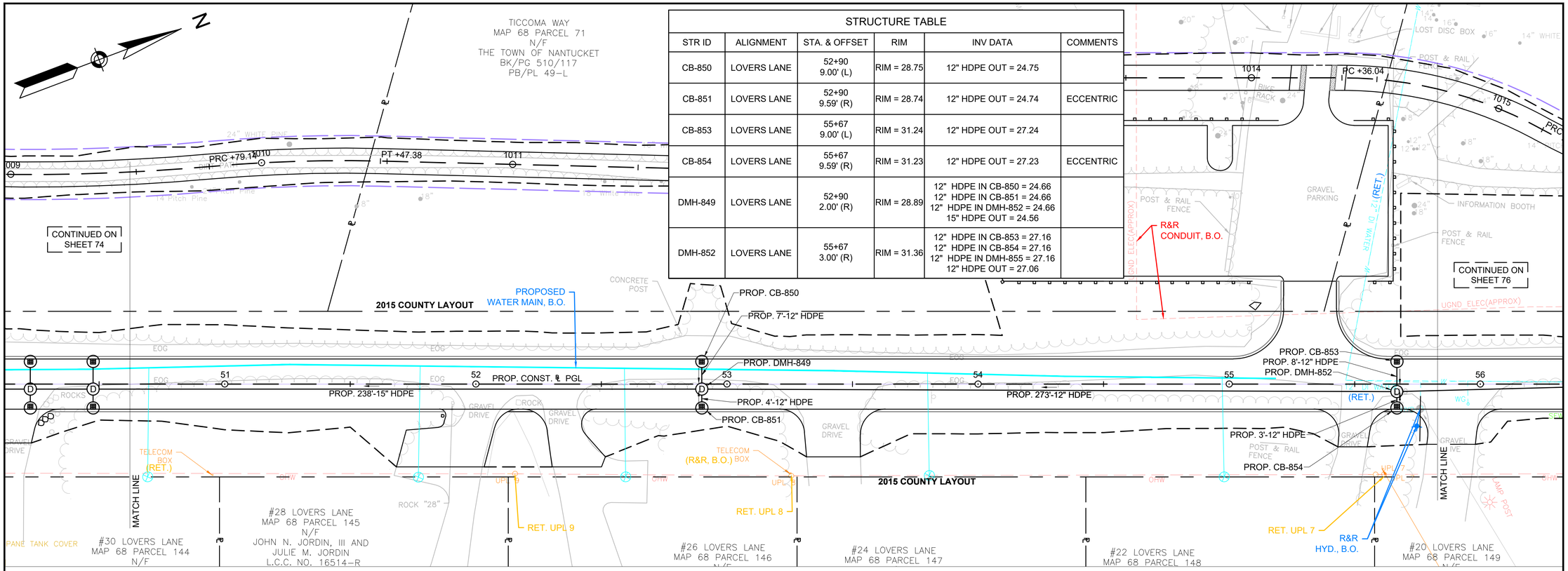
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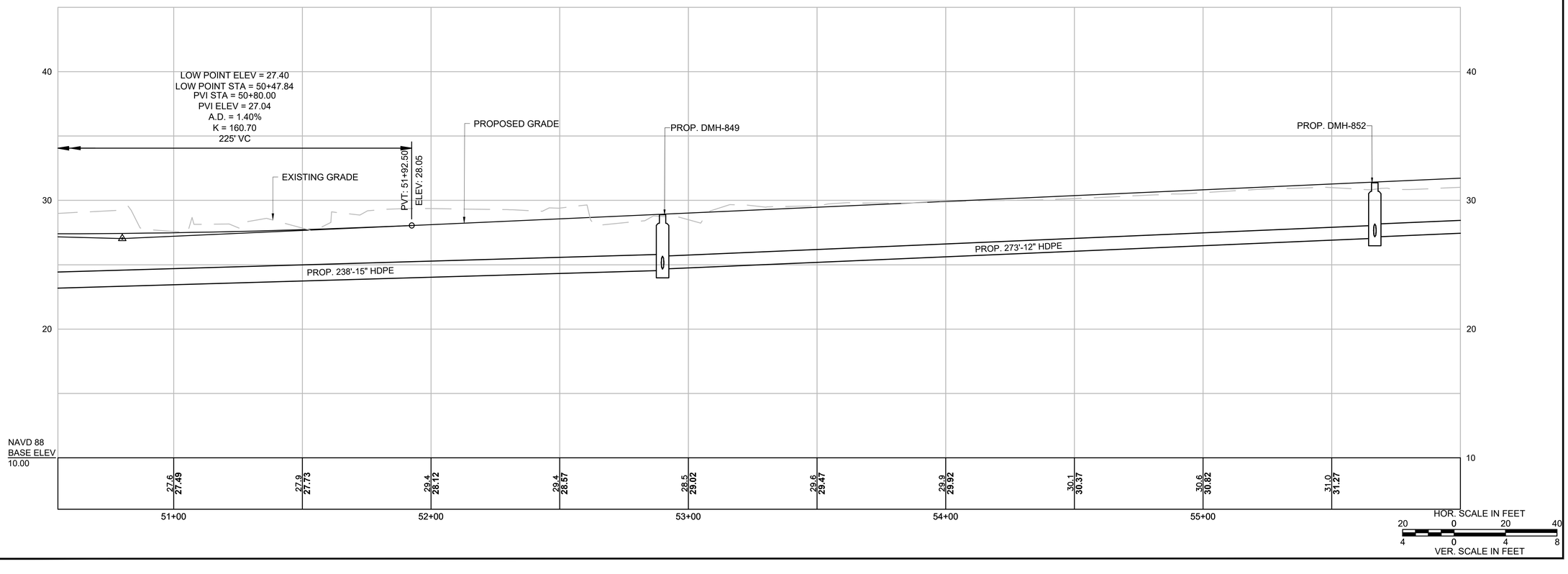
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STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-850	LOVERS LANE	52+90 9.00' (L)	RIM = 28.75	12" HDPE OUT = 24.75	
CB-851	LOVERS LANE	52+90 9.59' (R)	RIM = 28.74	12" HDPE OUT = 24.74	ECCENTRIC
CB-853	LOVERS LANE	55+67 9.00' (L)	RIM = 31.24	12" HDPE OUT = 27.24	
CB-854	LOVERS LANE	55+67 9.59' (R)	RIM = 31.23	12" HDPE OUT = 27.23	ECCENTRIC
DMH-849	LOVERS LANE	52+90 2.00' (R)	RIM = 28.89	12" HDPE IN CB-850 = 24.66 12" HDPE IN CB-851 = 24.66 12" HDPE IN DMH-852 = 24.66 15" HDPE OUT = 24.56	
DMH-852	LOVERS LANE	55+67 3.00' (R)	RIM = 31.36	12" HDPE IN CB-853 = 27.16 12" HDPE IN CB-854 = 27.16 12" HDPE IN DMH-855 = 27.16 12" HDPE OUT = 27.06	





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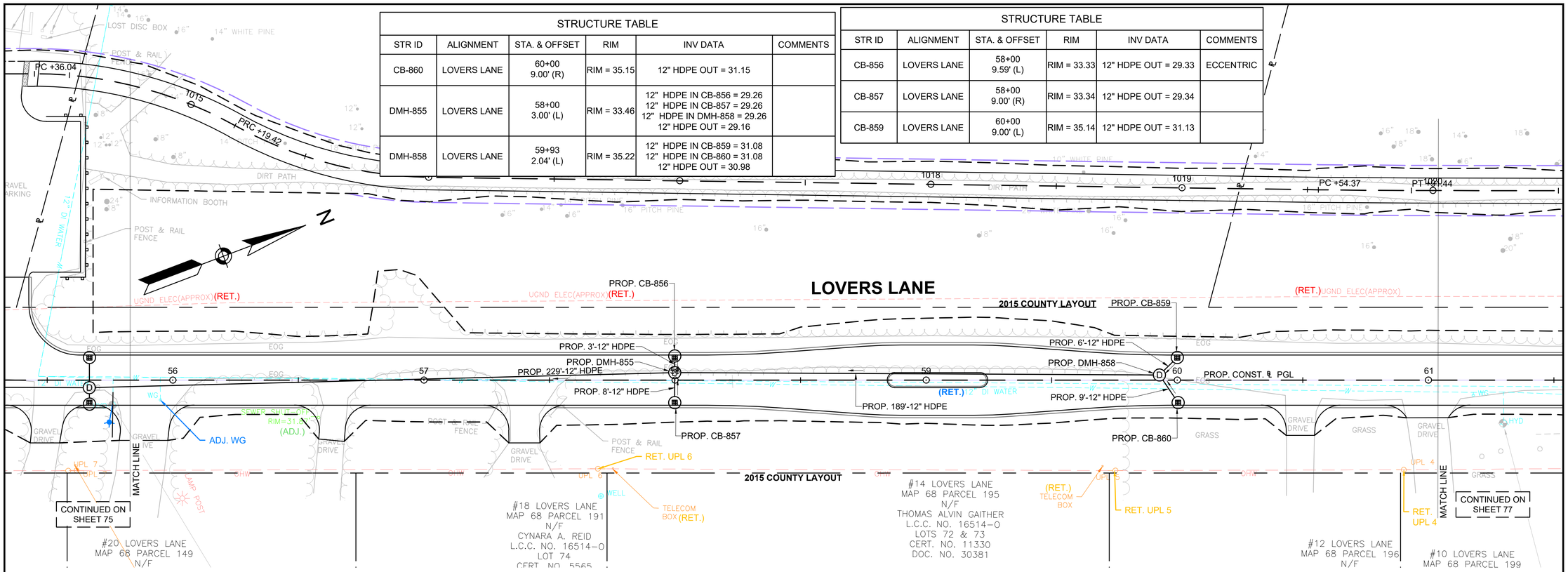
SCALE: AS NOTED

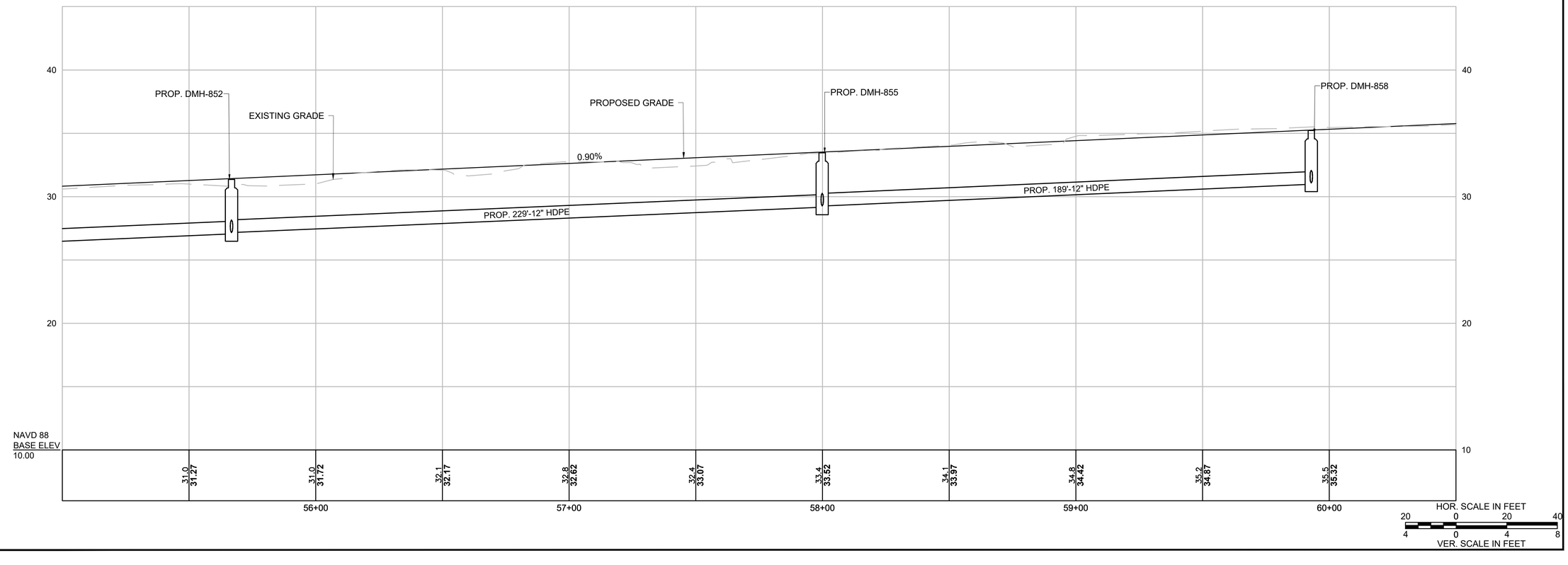
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STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-860	LOVERS LANE	60+00 9.00' (R)	RIM = 35.15	12" HDPE OUT = 31.15	
DMH-855	LOVERS LANE	58+00 3.00' (L)	RIM = 33.46	12" HDPE IN CB-856 = 29.26 12" HDPE IN CB-857 = 29.26 12" HDPE IN DMH-858 = 29.26 12" HDPE OUT = 29.16	
DMH-858	LOVERS LANE	59+93 2.04' (L)	RIM = 35.22	12" HDPE IN CB-859 = 31.08 12" HDPE IN CB-860 = 31.08 12" HDPE OUT = 30.98	

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-856	LOVERS LANE	58+00 9.59' (L)	RIM = 33.33	12" HDPE OUT = 29.33	ECCENTRIC
CB-857	LOVERS LANE	58+00 9.00' (R)	RIM = 33.34	12" HDPE OUT = 29.34	
CB-859	LOVERS LANE	60+00 9.00' (L)	RIM = 35.14	12" HDPE OUT = 31.13	





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PREPARED FOR
TOWN OF NANTUCKET
16 BROAD STREET
NANTUCKET, MA 02554

SURFSIDE AREA TRANSPORTATION ENHANCEMENTS

LOVERS LANE, MONOHANSETT ROAD, OKORWAW AVENUE & NANTUCKET, MA 02554

REVISIONS		
NO.	REVISION	DATE

08/09/2023

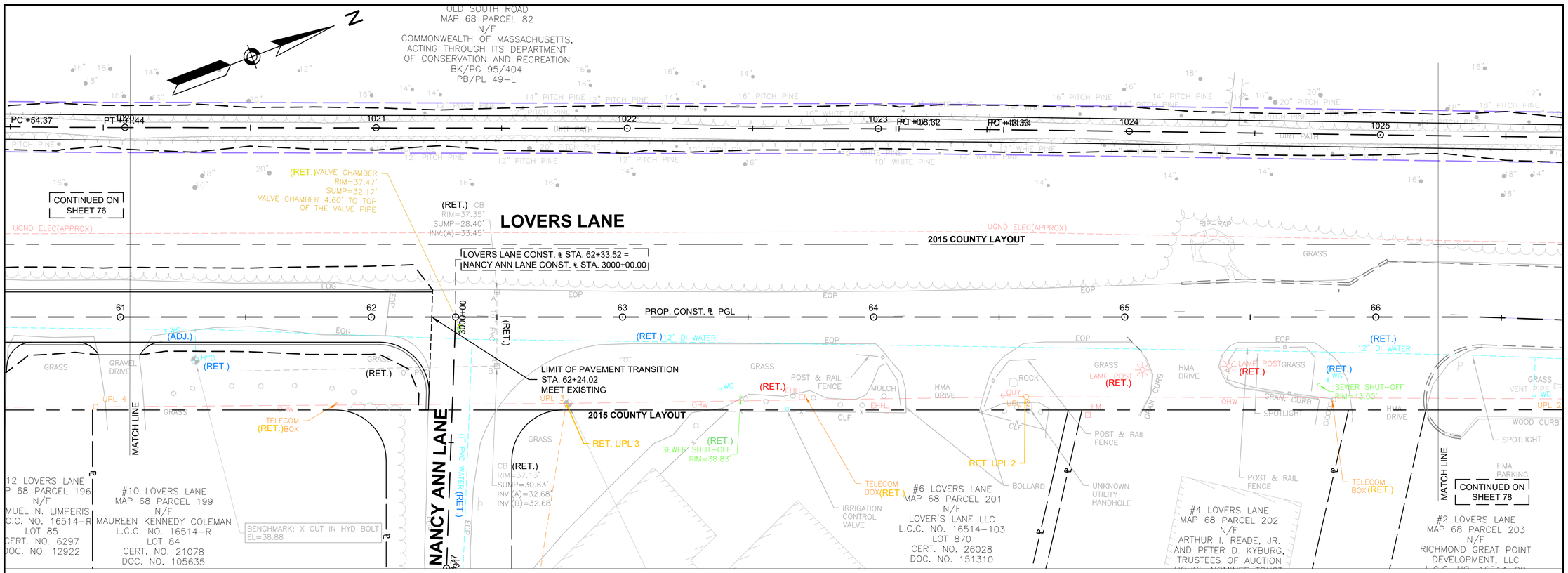
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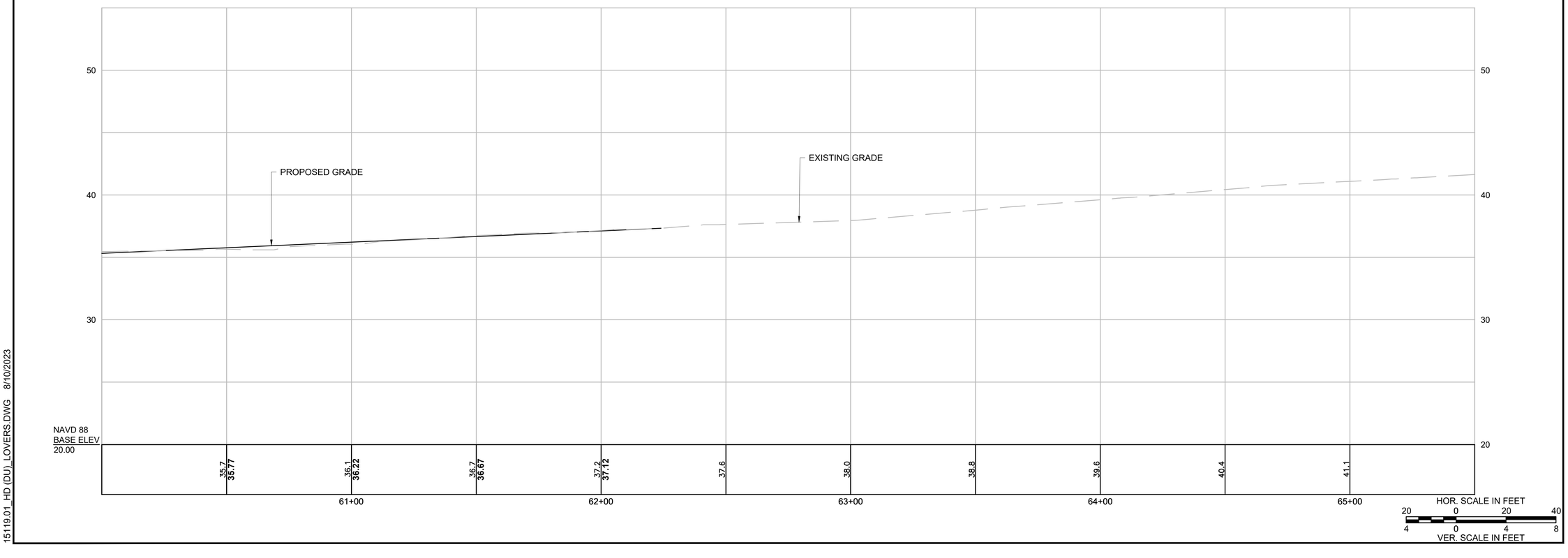
DRAINAGE & UTILITY PLANS & PROFILES

SCALE: AS NOTED

15119

15119.01_HD (DU)_LOVERS.DWG 8/10/2023





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CPD	BAM

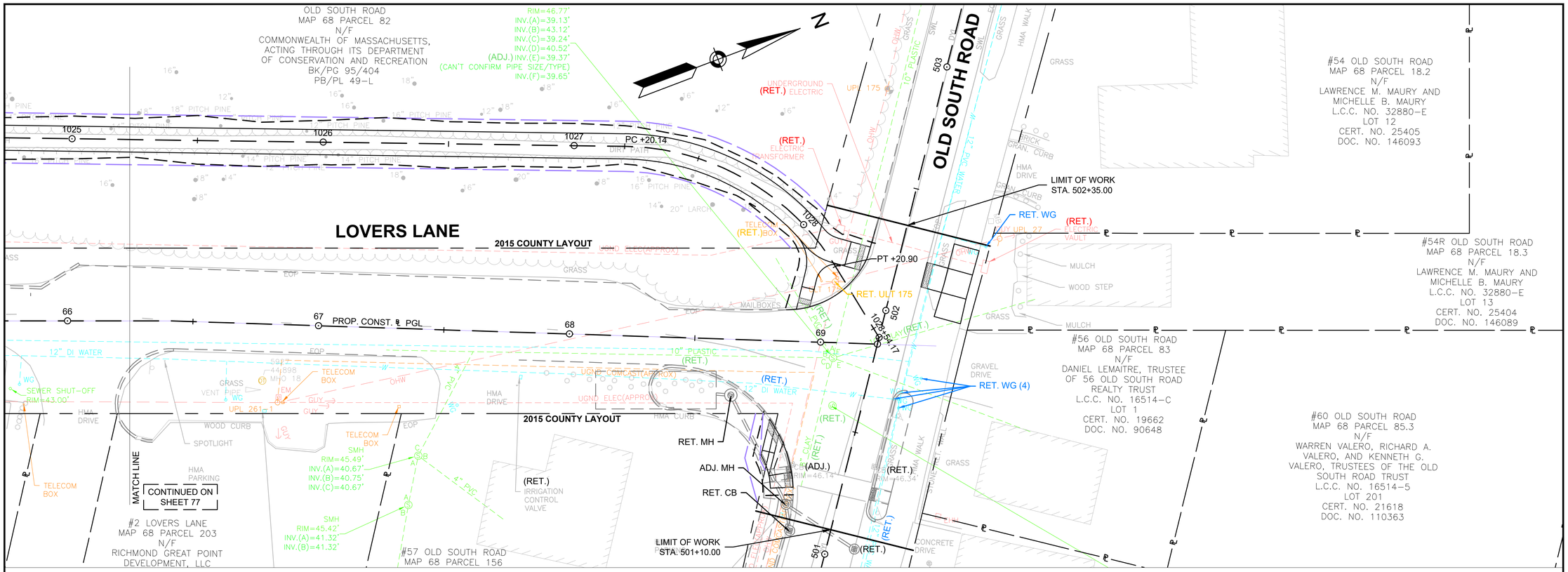
DRAINAGE & UTILITY PLANS & PROFILES

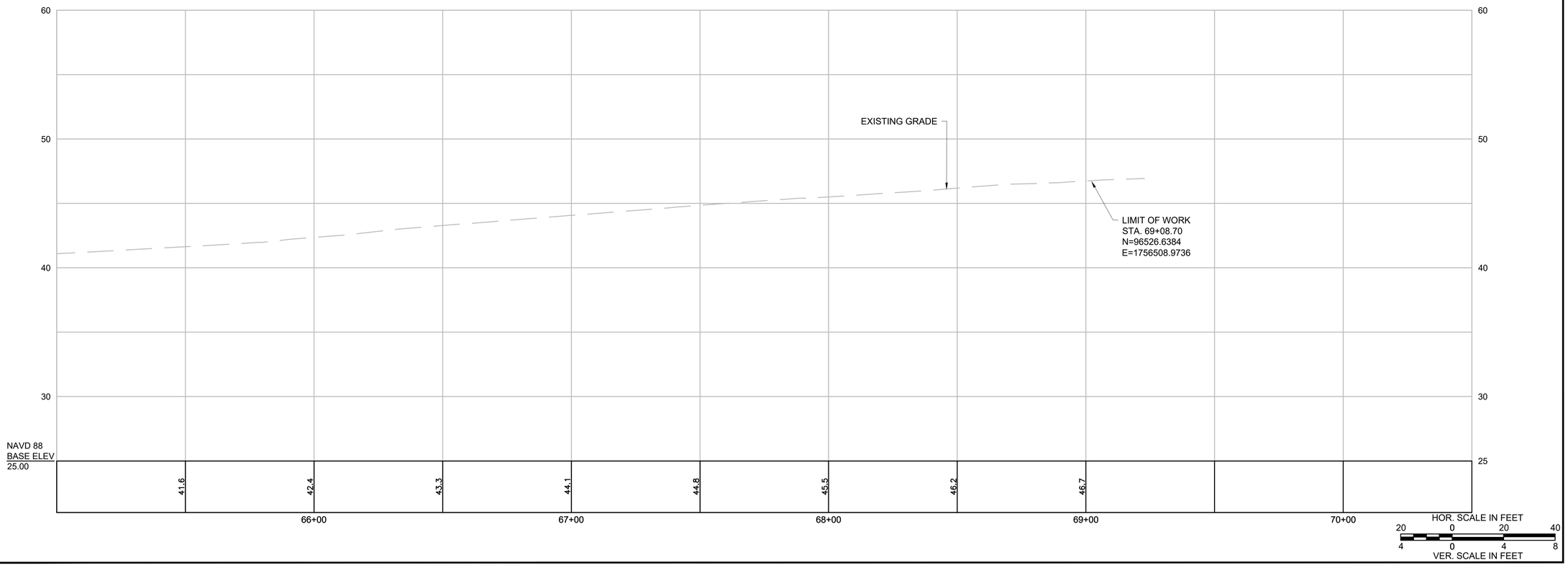
SCALE: AS NOTED

15119

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15119.01_HD (DU)_LOVERS.DWG 8/10/2023





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08/09/2023

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CPD	BAM

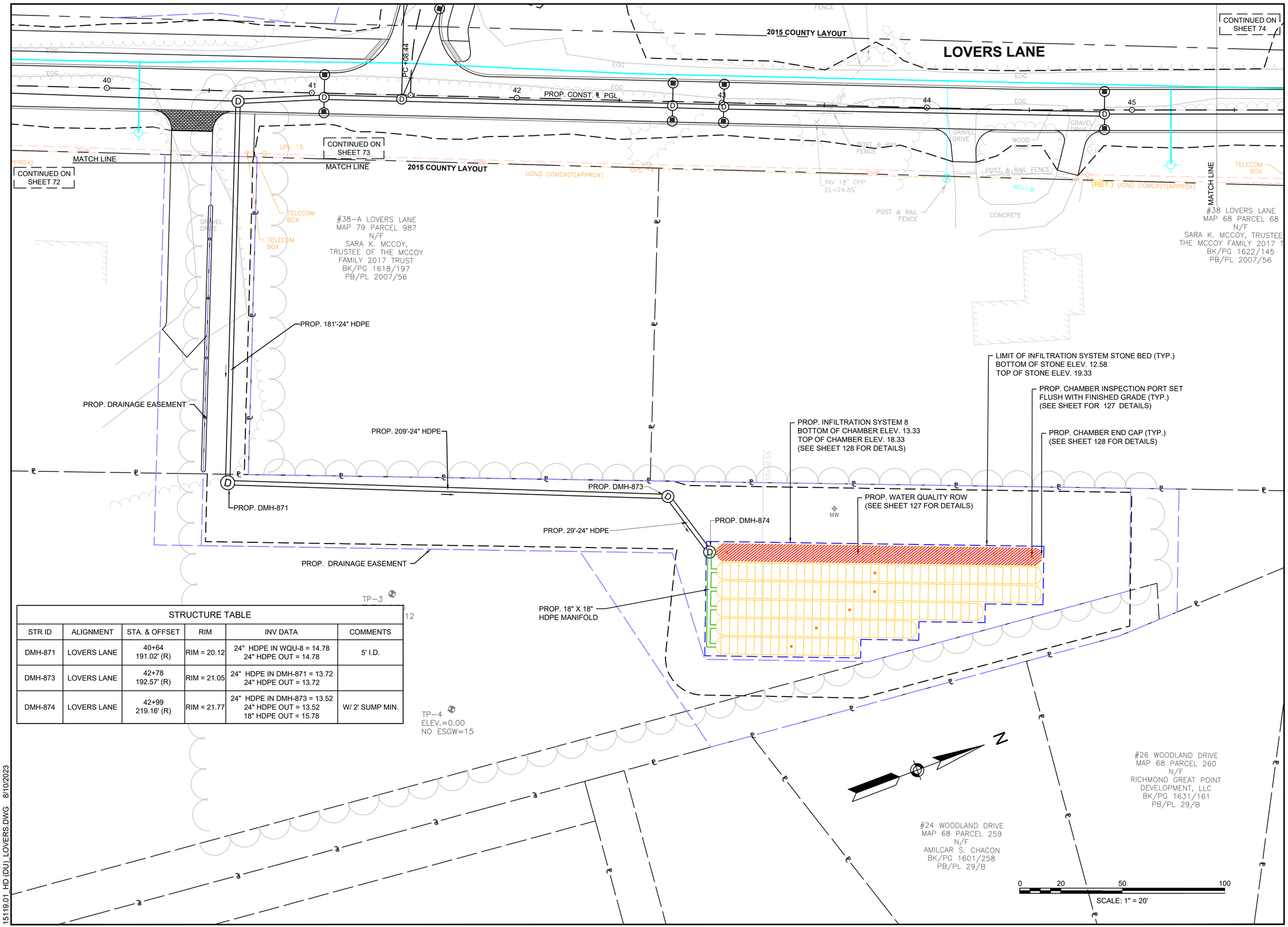
DRAINAGE & UTILITY PLANS & PROFILES

SCALE: AS NOTED

15119

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15119.01_HD (DU)_LOVERS.DWG 8/10/2023



STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
DMH-871	LOVERS LANE	40+64 191.02' (R)	RIM = 20.12	24" HDPE IN WQU-8 = 14.78 24" HDPE OUT = 14.78	5' I.D.
DMH-873	LOVERS LANE	42+78 192.57' (R)	RIM = 21.05	24" HDPE IN DMH-871 = 13.72 24" HDPE OUT = 13.72	
DMH-874	LOVERS LANE	42+99 219.16' (R)	RIM = 21.77	24" HDPE IN DMH-873 = 13.52 24" HDPE OUT = 13.52 18" HDPE OUT = 15.78	W/ 2' SUMP MIN.

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CPD	BAM

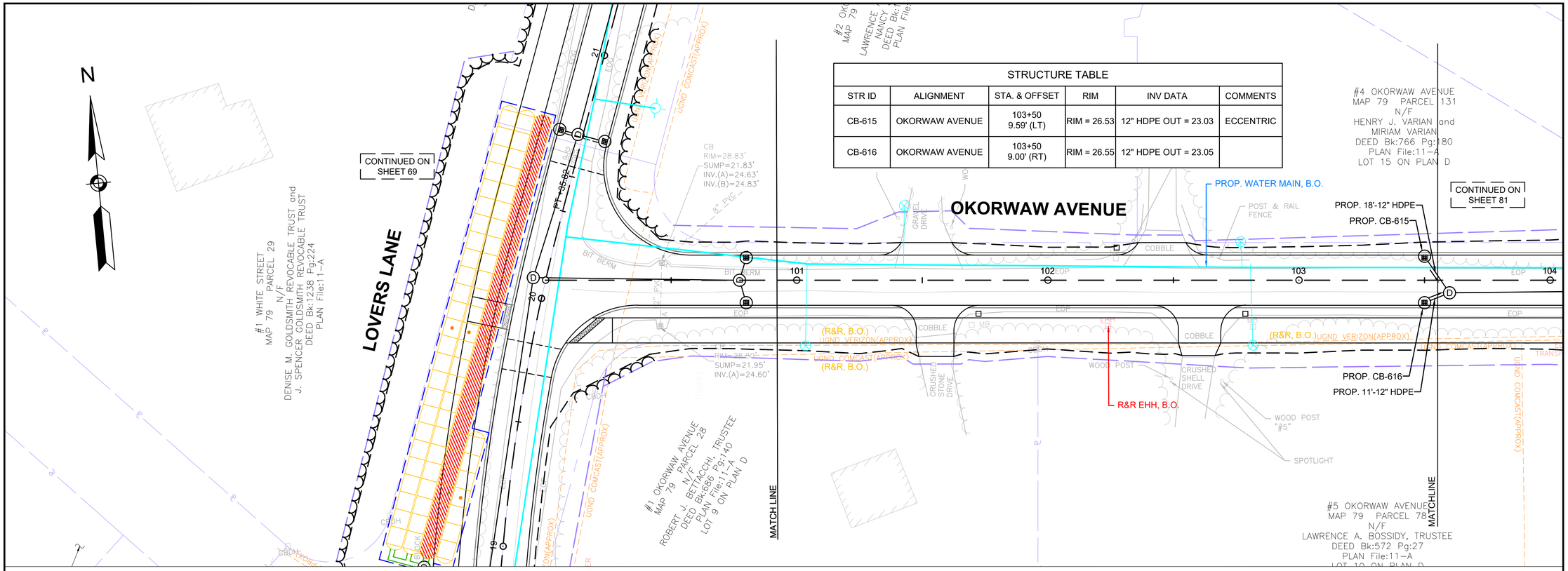
DRAINAGE & UTILITY PLANS & PROFILES

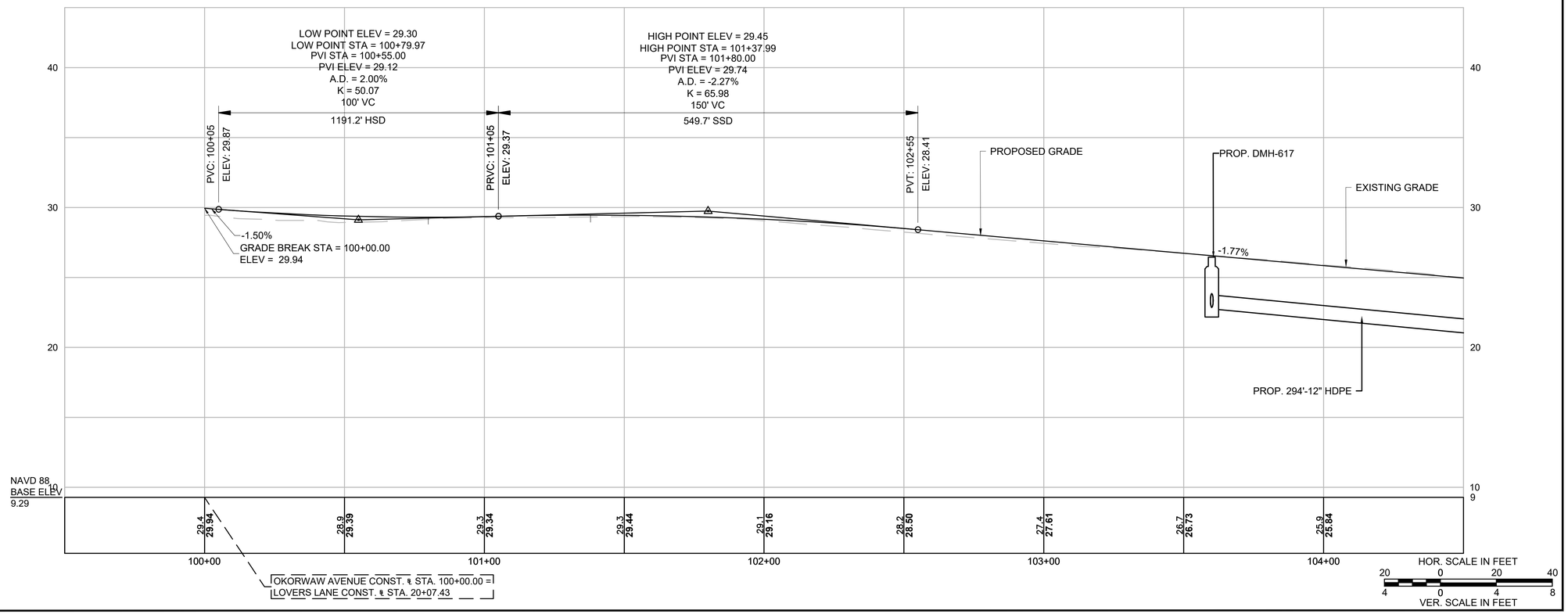
SCALE: 1"=20'

15119

15119.01_HD (DU)_LOVERS.DWG 8/10/2023

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-615	OKORWAW AVENUE	103+50 9.59' (LT)	RIM = 26.53	12" HDPE OUT = 23.03	ECCENTRIC
CB-616	OKORWAW AVENUE	103+50 9.00' (RT)	RIM = 26.55	12" HDPE OUT = 23.05	





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		08/09/2023

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DRAINAGE & UTILITY PLANS & PROFILES

SCALE: AS NOTED

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N

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
DMH-618	OKORWAW AVENUE	106+61 12.37' (RT)	RIM = 20.68	12" HDPE IN WQU-6A = 14.30 12" HDPE OUT = 15.29 24" HDPE OUT = 14.26	2' SUMP MIN.
WQU-6A	OKORWAW AVENUE	106+54 2.00' (RT)	RIM = 20.86	12" HDPE IN DMH-617 = 17.16 12" HDPE IN CB-613 = 17.16 12" HDPE IN CB-612 = 17.16 12" HDPE OUT = 14.50	

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-612	OKORWAW AVENUE	106+50 9.00' (LT)	RIM = 20.80	12" HDPE OUT = 17.28	
CB-613	OKORWAW AVENUE	106+50 9.59' (RT)	RIM = 20.79	12" HDPE OUT = 17.27	ECCENTRIC
DMH-617	OKORWAW AVENUE	103+60 5.00' (RT)	RIM = 26.45	12" HDPE IN CB-615 = 22.85 12" HDPE IN CB-616 = 22.85 12" HDPE OUT = 22.75	

#4 OKORWAW AVENUE
MAP 79 PARCEL 131
N/F
HENRY J. VARIAN and
MIRIAM VARIAN
DEED Bk:766 Pg:180
PLAN File:11-A
LOT 15 ON PLAN D

#5 OKORWAW AVENUE
MAP 79 PARCEL 78
N/F
WRENCE A. BOSSIDY, TRUSTEE
DEED Bk:572 Pg:27
PLAN File:11-A
LOT 10 ON PLAN D

#12 OKORWAW AVENUE
MAP 79 PARCEL 165
N/F
TIMOTHY P. VIETH AND JILL S. VIETH
DEED Bk:1517 Pg:126
PLAN File:11-A
LOT 17 ON PLAN D

#11 OKORWAW AVENUE
MAP 79 PARCEL 164
N/F
PF TRUST REAL ESTATE
HOLDINGS, LLC
DEED Bk:1467 Pg:312
PLAN File:11-A

OKORWAW AVENUE

PROPOSED WATER MAIN, B.O.

PROP. DMH-617

PROP. 294'-12" HDPE

PROP. WQU-6A

PROP. 12'-12" HDPE

PROP. CB-612

PROP. CB-613

PROP. 8'-12" HDPE

PROP. 13'-12" HDPE

PROP. DMH-618

PROP. 12"X12" HDPE MANIFOLD

PROP. INFILTRATION SYSTEM 6A
BOTTOM OF CHAMBER ELEV. 14.25
TOP OF CHAMBER ELEV. 16.75
(SEE SHEET 130 FOR DETAILS)

PROP. CHAMBER INSPECTION PORT SET
FLUSH WITH FINISHED GRADE (TYP.)
(SEE SHEET 127 FOR DETAILS)

PROP. WATER QUALITY ROW (TYP.)
(SEE SHEET 127 FOR DETAILS)

LIMIT OF INFILTRATION SYSTEM
STONE BED
BOTTOM OF STONE ELEV. 13.75
TOP OF STONE ELEV. 17.25
(SEE SHEET 130 FOR DETAILS)

PROP. CHAMBER END CAP (TYP.)
(SEE SHEET 130 FOR DETAILS)

R&R EHH, B.O.

R&R CONDUIT, B.O.

(REM.)CB
RIM=12.67'
SUMP=6.17'
INV.(A)=8.72'
INV.(B)=9.82'

(R&R, B.O.) ELECTRIC BOX

(R&R, B.O.) UNDERGROUND ELECTRIC

(R&R, B.O.) TRANSFORMER

(R&R, B.O.) ELECTRIC BOX

(R&R, B.O.) TELECOM BOX

(R&R, B.O.) TELECOM BOX

(R&R, B.O.) UGND COMCAST (APPROX)

TELECOM BOX

UGND COMCAST (APPROX)

TELEPHONE-VERIZON

UGND COMCAST(APPROX)

UGND VERIZON(APPROX)

UGND ELEC(APPROX)

UGND COMCAST(APPROX)

UGND VERIZON(APPROX)

UGND COMCAST(APPROX)

UGND ELEC(APPROX)

UGND COMCAST (APPROX)

POST & RAIL FENCE

CRUSHED SHELL DRIVE

GRAVEL DRIVE

COBBLE

GRANITE POST

EOP

104 105 106 107 108 109

CONTINUED ON SHEET 80

CONTINUED ON SHEET 82

MATCHLINE

MATCHLINE

PVI STA = 105+70.00
PVI ELEV = 22.83
A.D. = -0.53%
K = 341.76
180' VC
2138.9' SSD

PVC: 104+80
ELEV: 24.42

PVT: 106+60
ELEV: 20.76

PROP. WQU-6A

PROP. DMH-618

PROP. 294'-12" HDPE

PROPOSED GRADE

-2.30%

EXISTING GRADE

PROP. 13'-12" HDPE

PROP. INFILTRATION SYSTEM 6A

LOW POINT ELEV = 15.29
LOW POINT STA = 109+55
PVI STA = 109+40.00
PVI ELEV = 14.32
A.D. = 4.00%
K = 50.00
200' VC
266.1' HSD

PVC: 108+40
ELEV: 16.62

PROP. DMH-611

PROP. WQU-6B

PROP. 40'-12" HDPE

PROP. 26'-12" HDPE

PROP. INFILTRATION SYSTEM 6B

30
20
10
1

NAVD 88
BASE ELEV
0.98

105+00	106+00	107+00	108+00	109+00
25.0 / 24.95	24.1 / 24.06	23.0 / 23.11	21.8 / 22.08	20.3 / 20.98	18.7 / 19.84	17.3 / 18.69	16.0 / 17.54	14.9 / 16.40	13.8 / 15.60

HOR. SCALE IN FEET
20 0 20 40

VER. SCALE IN FEET
4 0 4 8

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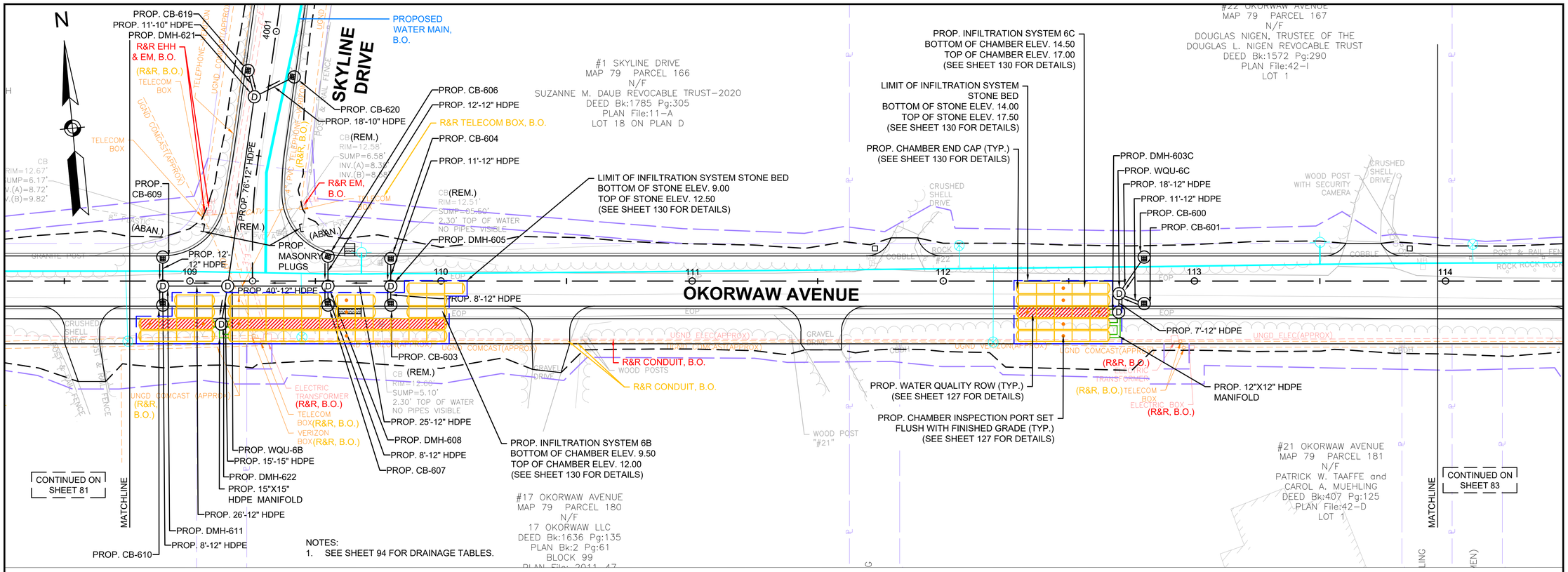
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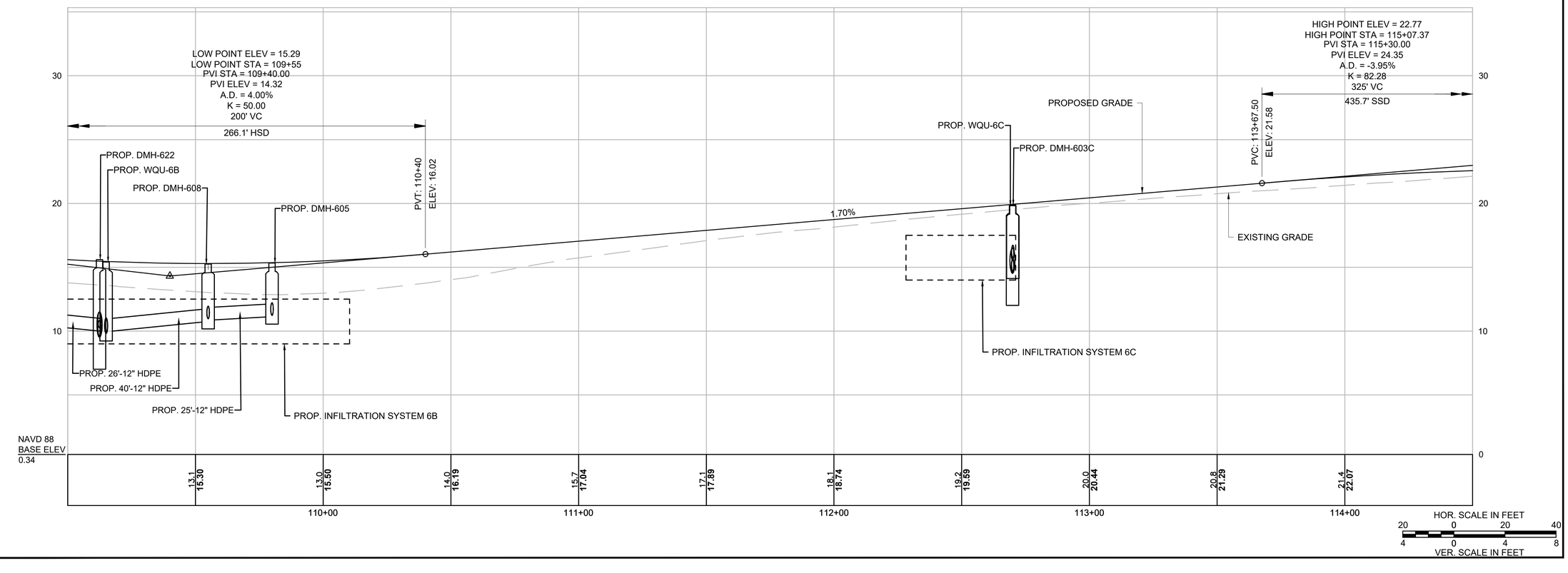
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DRAINAGE & UTILITY PLANS & PROFILES

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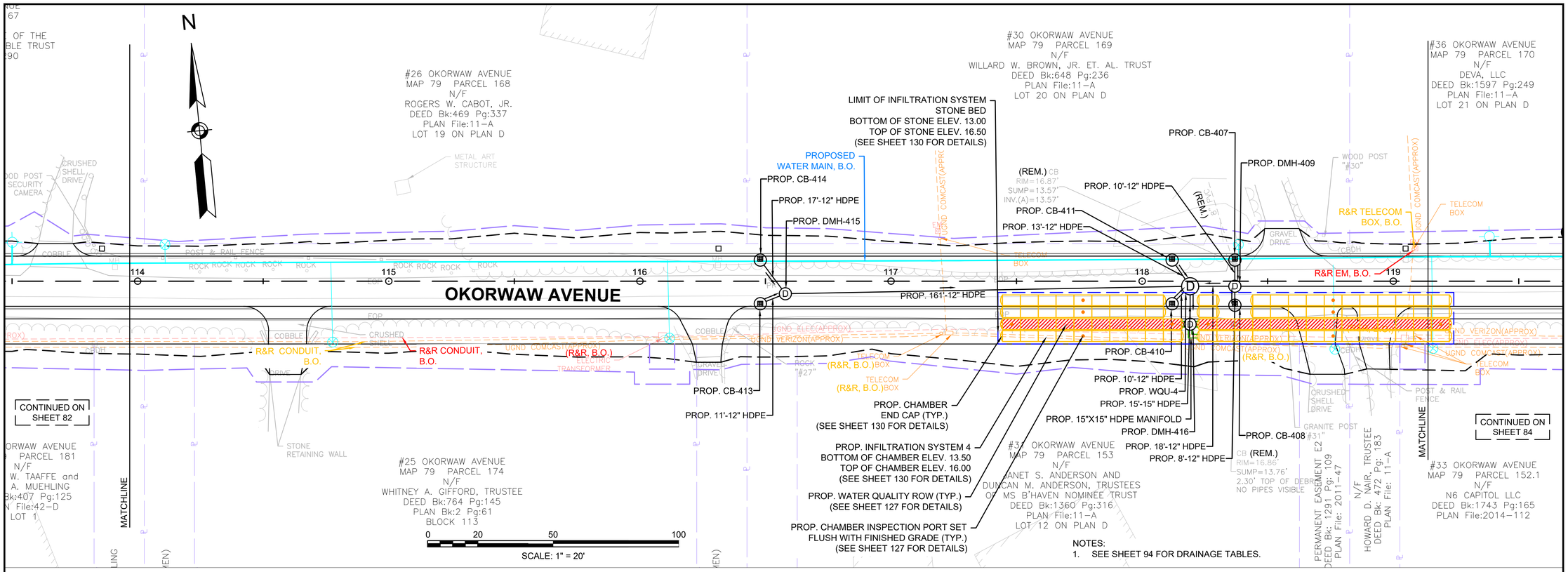
DRAINAGE & UTILITY PLANS & PROFILES

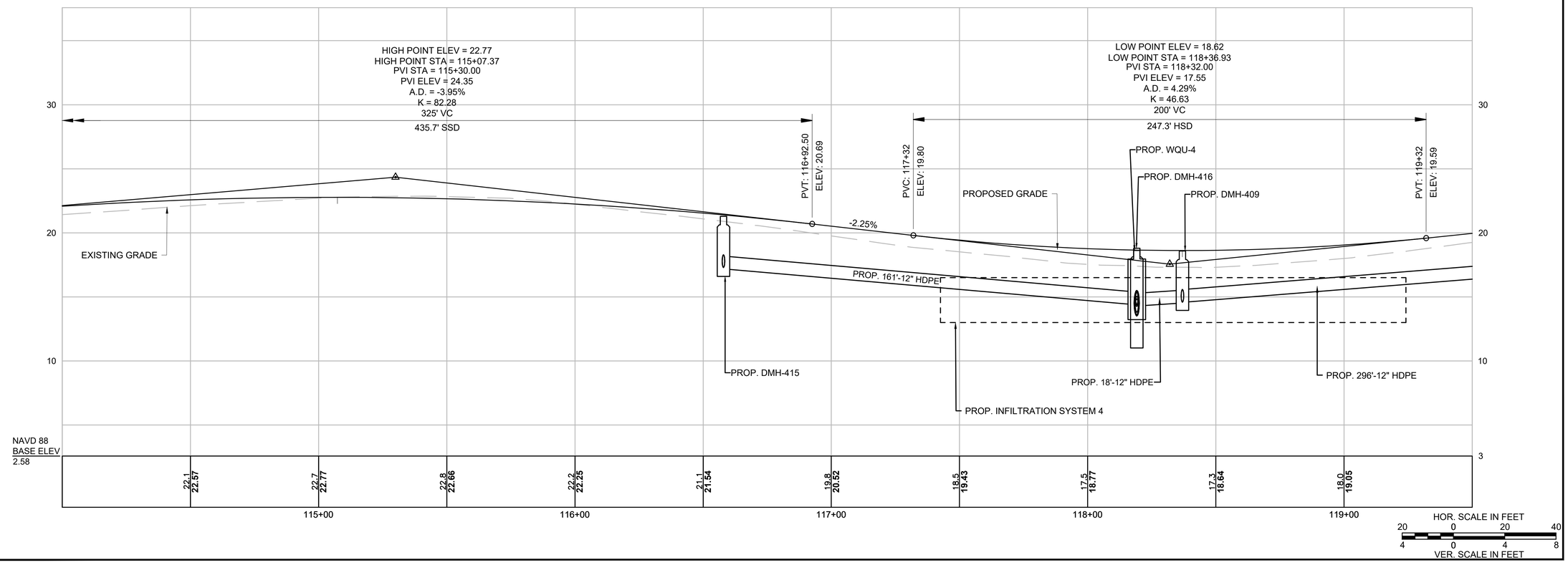
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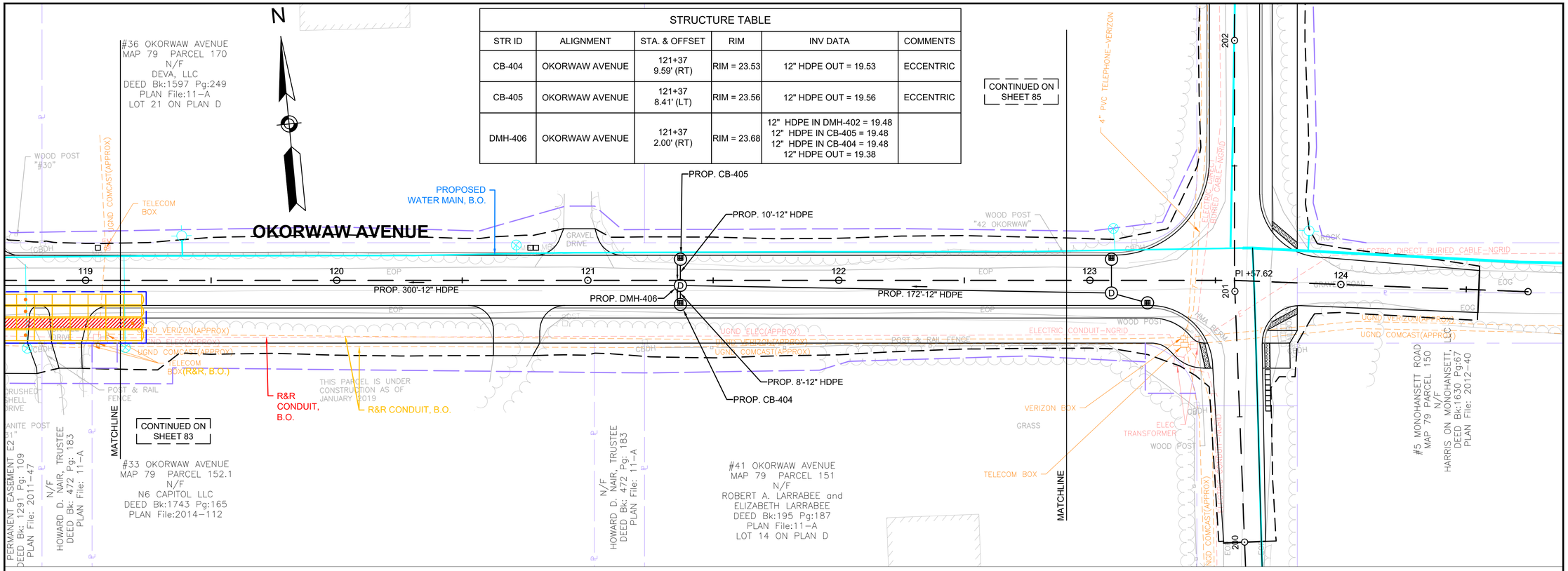
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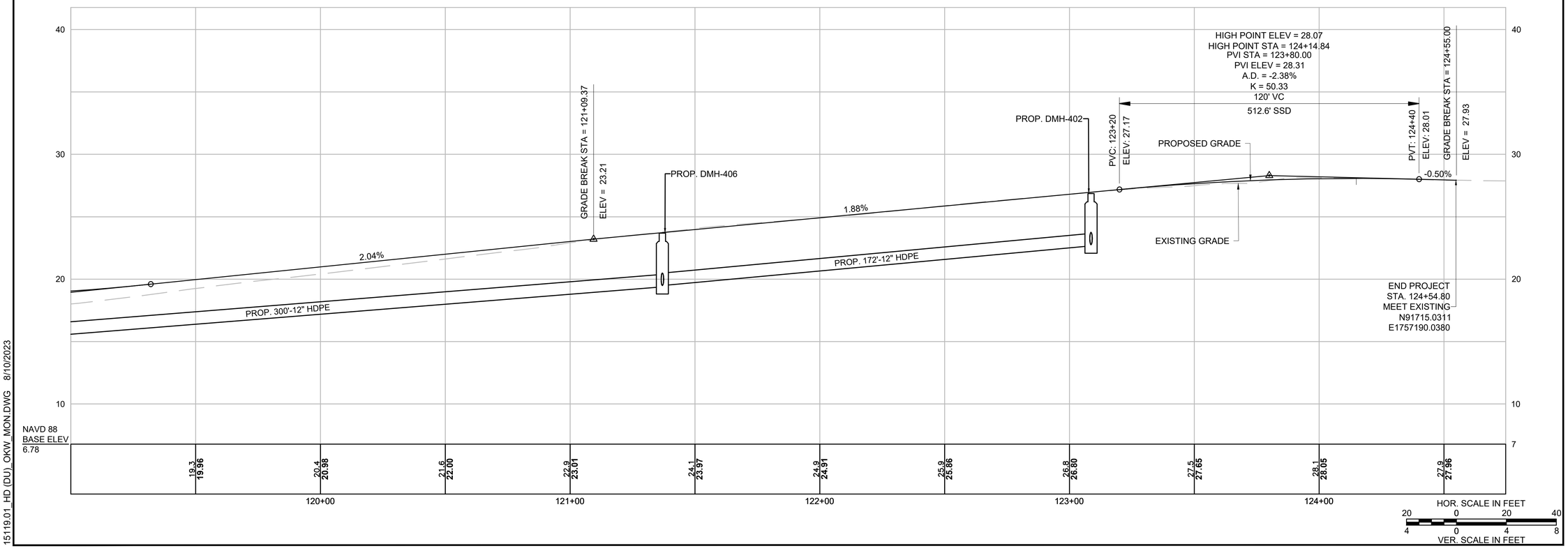
SCALE: AS NOTED

15119

15119.01_HD (DU)_OKW_MON.DWG 8/10/2023

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-404	OKORWAW AVENUE	121+37 9.59' (RT)	RIM = 23.53	12" HDPE OUT = 19.53	ECCENTRIC
CB-405	OKORWAW AVENUE	121+37 8.41' (LT)	RIM = 23.56	12" HDPE OUT = 19.56	ECCENTRIC
DMH-406	OKORWAW AVENUE	121+37 2.00' (RT)	RIM = 23.68	12" HDPE IN DMH-402 = 19.48 12" HDPE IN CB-405 = 19.48 12" HDPE IN CB-404 = 19.48 12" HDPE OUT = 19.38	





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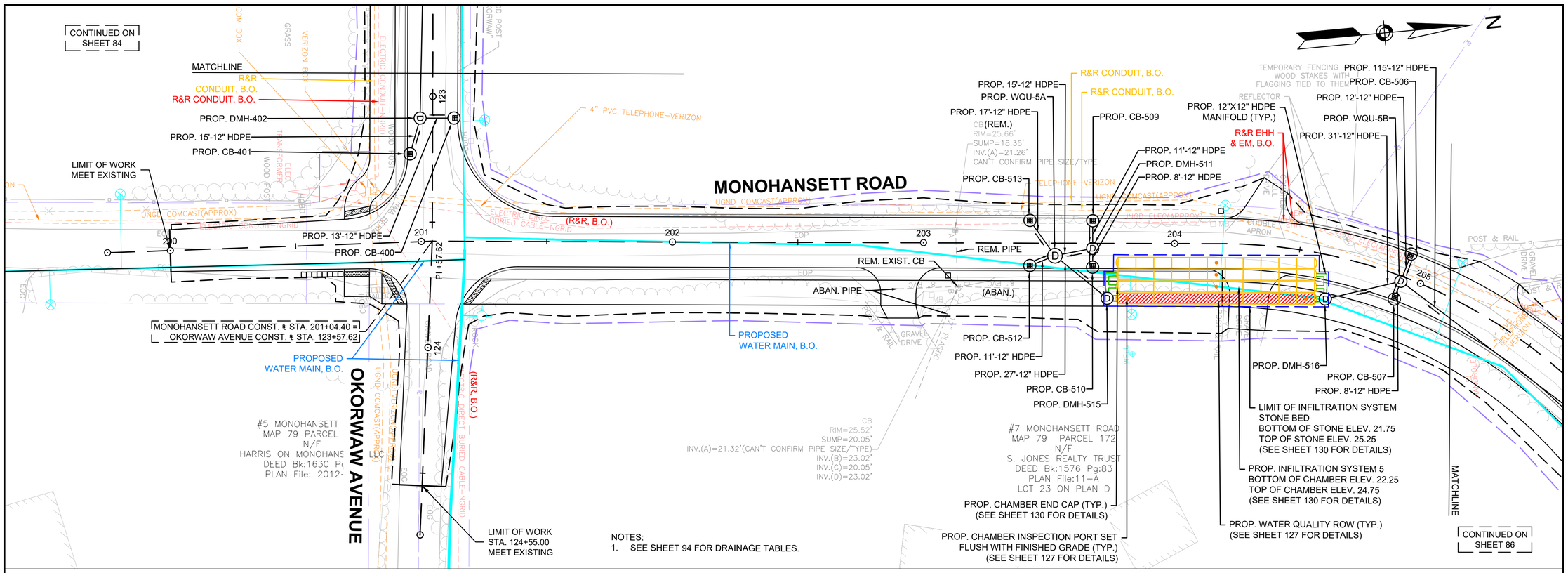
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LR/GP	BAM

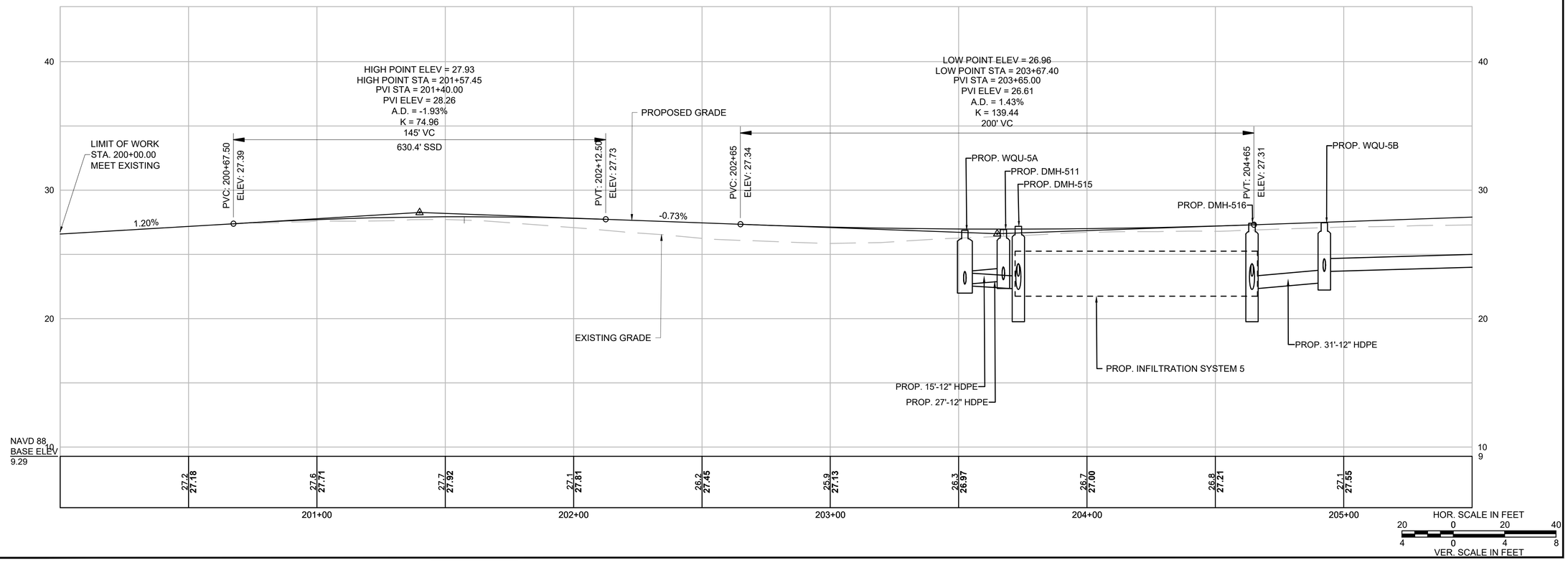
DRAINAGE & UTILITY PLANS & PROFILES

SCALE: AS SHOWN

15119

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15119.01_HD (DU)_OKW_MON.DWG 8/10/2023

#10 MONOHANSETT ROAD
MAP 79 PARCEL142
N/F
REAL ESTATE GROWTH FUND, LLC
DEED Bk:1627 Pg:210
PLAN File:11-A
LOT 28 ON PLAN D

#16 MONOHANSETT ROAD
MAP 79 PARCEL 143
N/F
TODD W. WINSHIP, ELIZABETH W. WINSHIP AND
BESS W. CLARKE, TRUSTEES OF THE SIXTEEN
MONOHANSETT ROAD TRUST
DEED Bk:1503 Pg:322
PLAN File:11-A
LOT 29 ON PLAN D

#20 MONOHANSETT ROAD
MAP 79 PARCEL 144
N/F
SHARON W. JACOBSON
DEED Bk:369 Pg:166
PLAN File:11-A
LOT 30 ON PLAN D

#46 OKORWAW AVENUE
AKA #11 MONOHANSETT ROAD
MAP 79 PARCEL 213

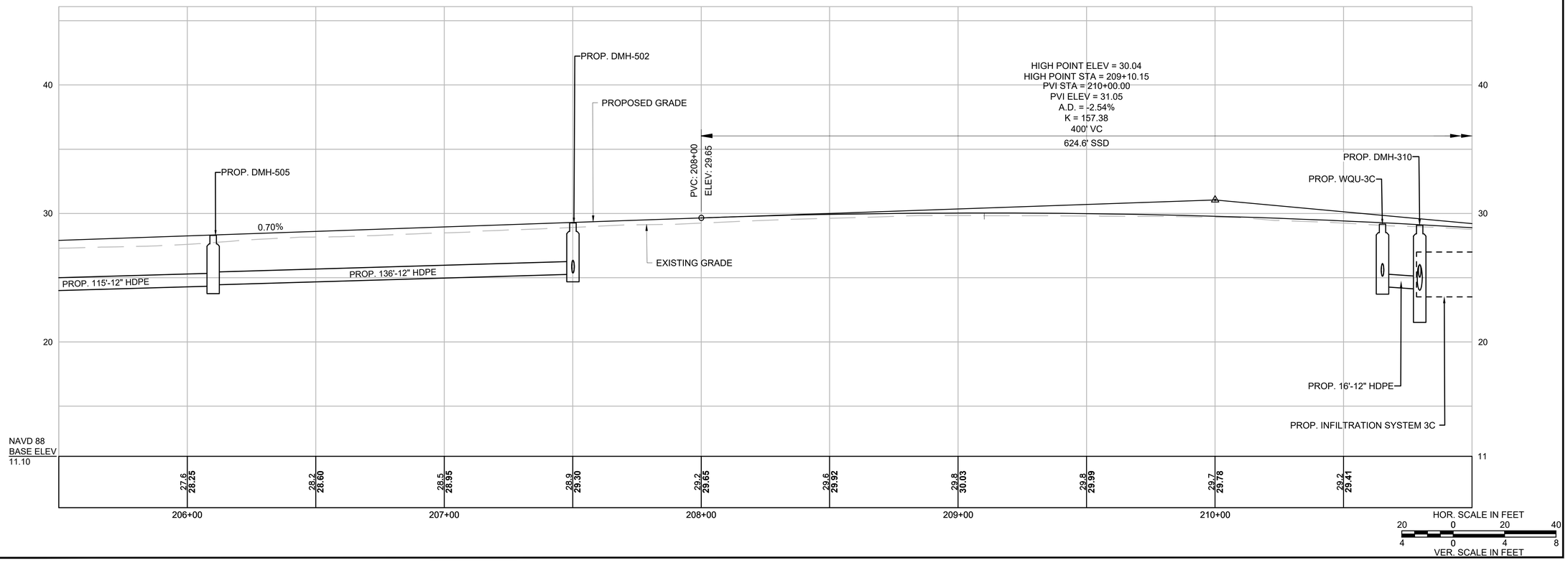
#15 MONOHANSETT ROAD
MAP 79 PARCEL 148
N/F
JORDAN H. DORAN, TR.
DEED Bk:1305 Pg:316
PLAN File:11-A
LOT 24 ON PLAN D

N

PROP. 15'-12" HDPE
PROP. CB-500
PROP. CB-501
PROP. 136'-12" HDPE
PROP. DMH-502
PROP. 12'-12" HDPE
PROP. DMH-505
PROP. 115'-12" HDPE
R&R EHH, B.O.
R&R EHH (2), B.O.
PROPOSED WATER MAIN, B.O.
R&R ELEC. TRANSFORMER, B.O.
R&R TELECOM BOX, B.O.
R&R ELEC. BOX, B.O.
R&R EM, B.O.
(RET.) TELECOM A BOX
(RET.) ELEC. VAULT
(R&R, B.O.) TELECOM BOX
(R&R, B.O.) ALMW-25 TELEPHONE-VERIZON
(R&R, B.O.) UGND COMCAST(APPROX)
(R&R, B.O.) UNGD ELEC(APPROX)
ALMW-25 TELEPHONE-VERIZON
UGND COMCAST(APPROX)
UNGD ELEC(APPROX)
OHW TELEPHONE-VERIZON
UGND COMCAST(APPROX)
WOOD POST "#20"
CRUSHED SHELL DRIVE
GRAVEL DRIVE
POST & RAIL
ROCK
COBBLE APRON
GATE POSTS
GRASS
TELECOM BOX
ELEC TRANSFORMER
WOOD POST
GATE POST
CBDH
EOP
MATCHLINE
CONTINUED ON SHEET 85
CONTINUED ON SHEET 87

MONOHANSETT ROAD

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-500	MONOHANSETT ROAD	207+60 9.00' (LT)	RIM = 29.19	12" HDPE OUT = 25.47	
CB-501	MONOHANSETT ROAD	207+60 9.00' (RT)	RIM = 29.19	12" HDPE OUT = 25.44	
DMH-502	MONOHANSETT ROAD	207+50 2.00' (RT)	RIM = 29.26	12" HDPE IN CB-500 = 25.36 12" HDPE IN CB-501 = 25.36 12" HDPE OUT = 25.26	
DMH-505	MONOHANSETT ROAD	206+10 2.00' (RT)	RIM = 28.29	12" HDPE IN DMH-502 = 24.44 12" HDPE OUT = 24.34	



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SURFSIDE AREA TRANSPORTATION ENHANCEMENTS

LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MA 02554

REVISIONS

NO.	REVISION	DATE

08/09/2023

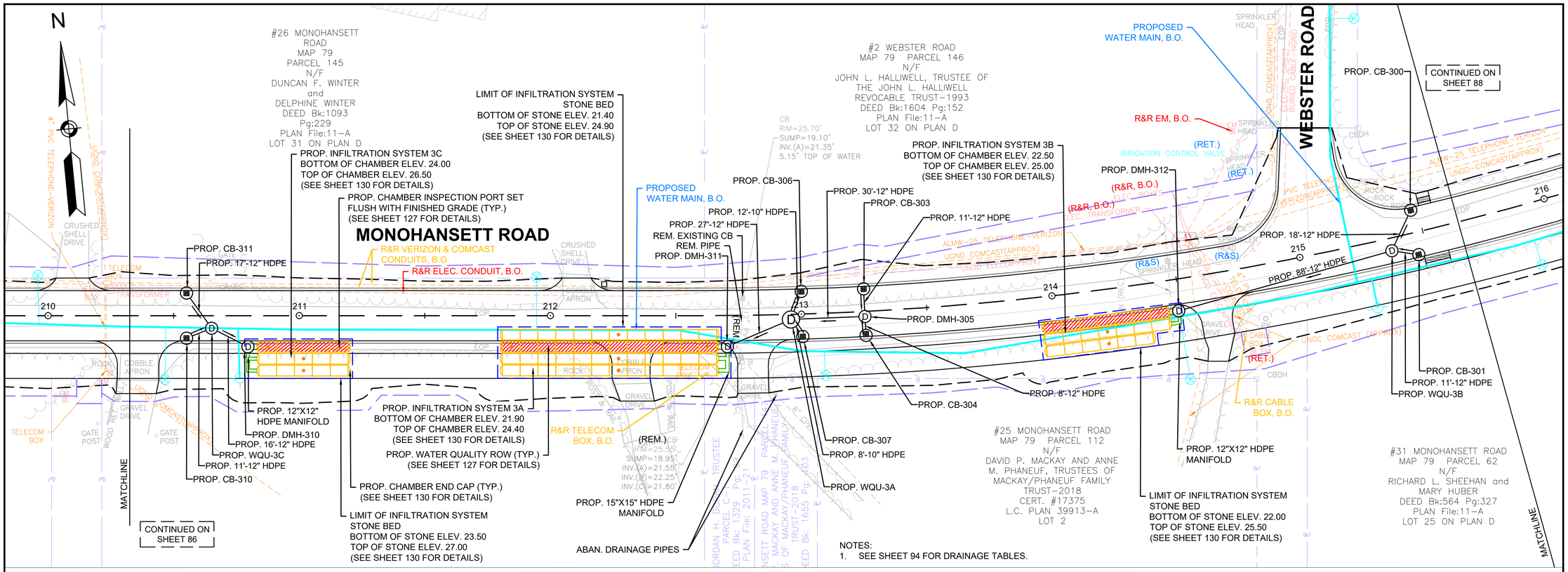
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LR/GP	BAM

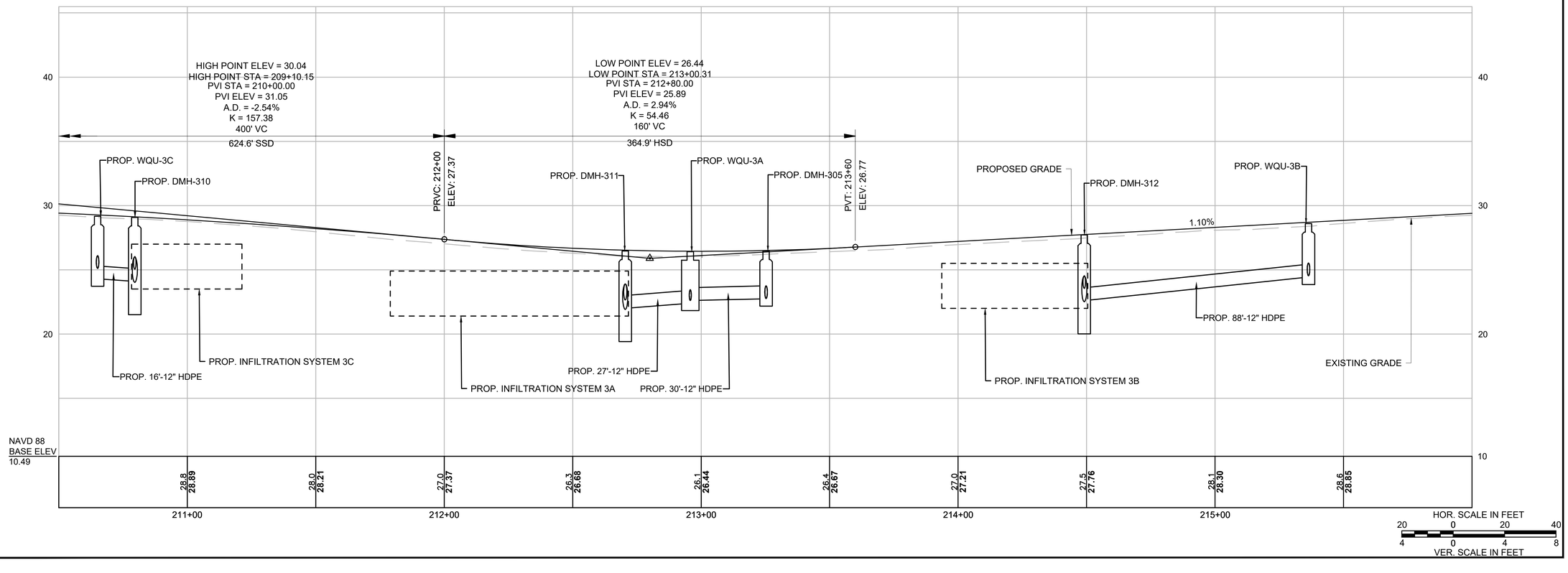
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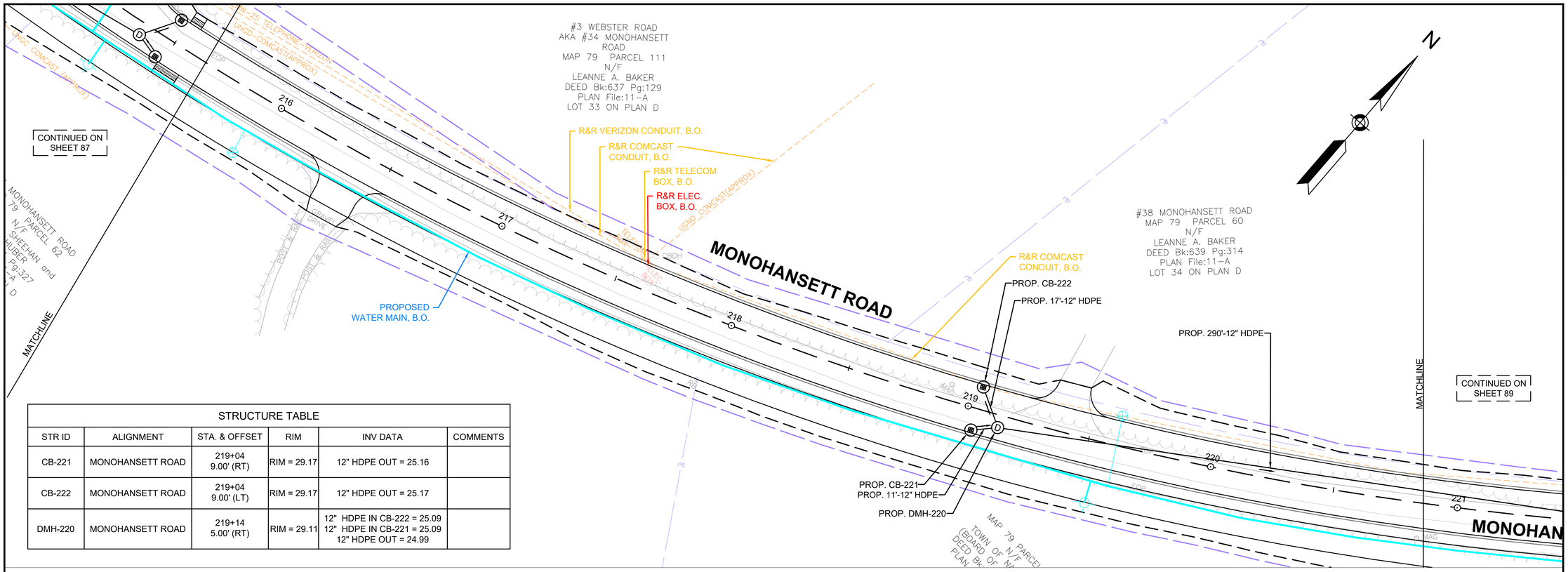
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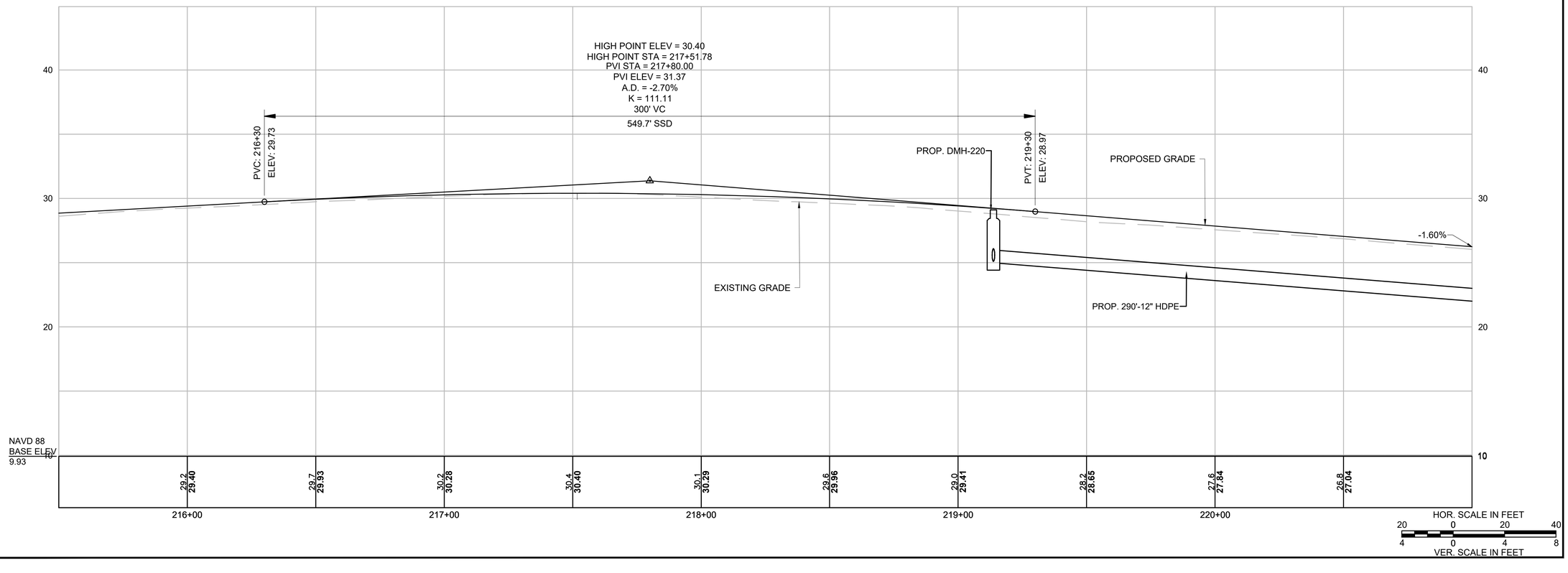
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STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-221	MONOHANSETT ROAD	219+04 9.00' (RT)	RIM = 29.17	12" HDPE OUT = 25.16	
CB-222	MONOHANSETT ROAD	219+04 9.00' (LT)	RIM = 29.17	12" HDPE OUT = 25.17	
DMH-220	MONOHANSETT ROAD	219+14 5.00' (RT)	RIM = 29.11	12" HDPE IN CB-222 = 25.09 12" HDPE IN CB-221 = 25.09 12" HDPE OUT = 24.99	



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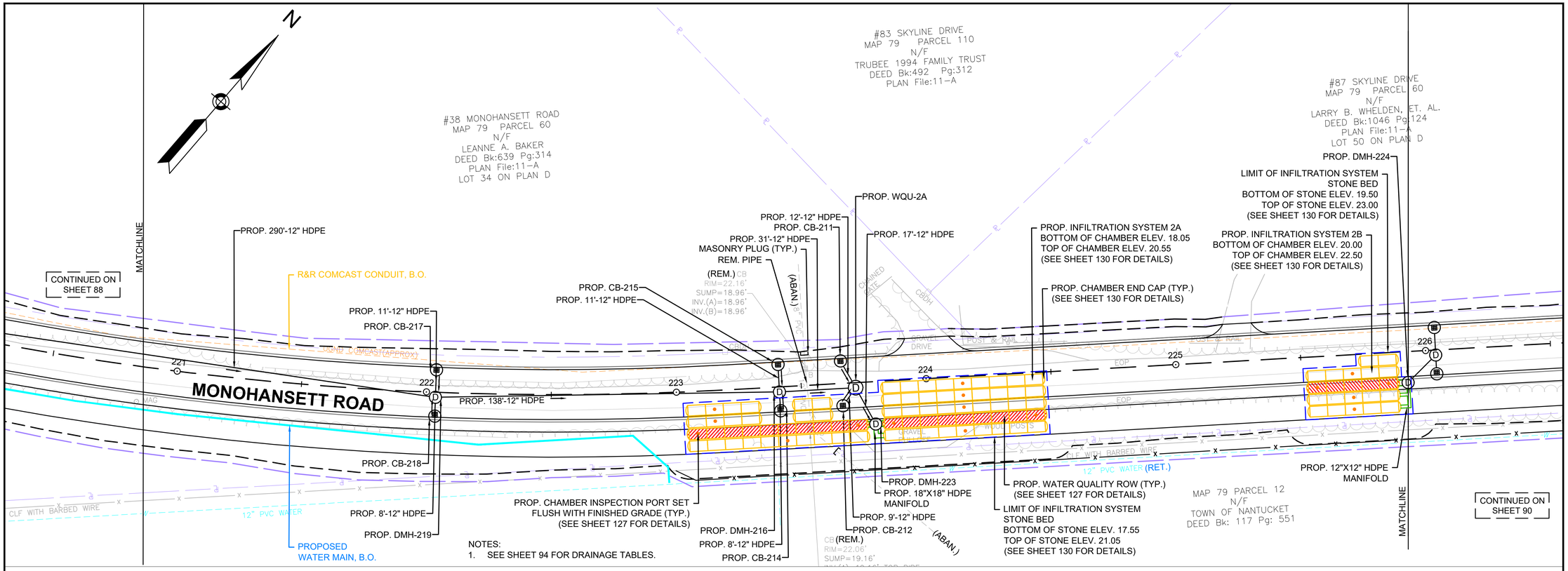
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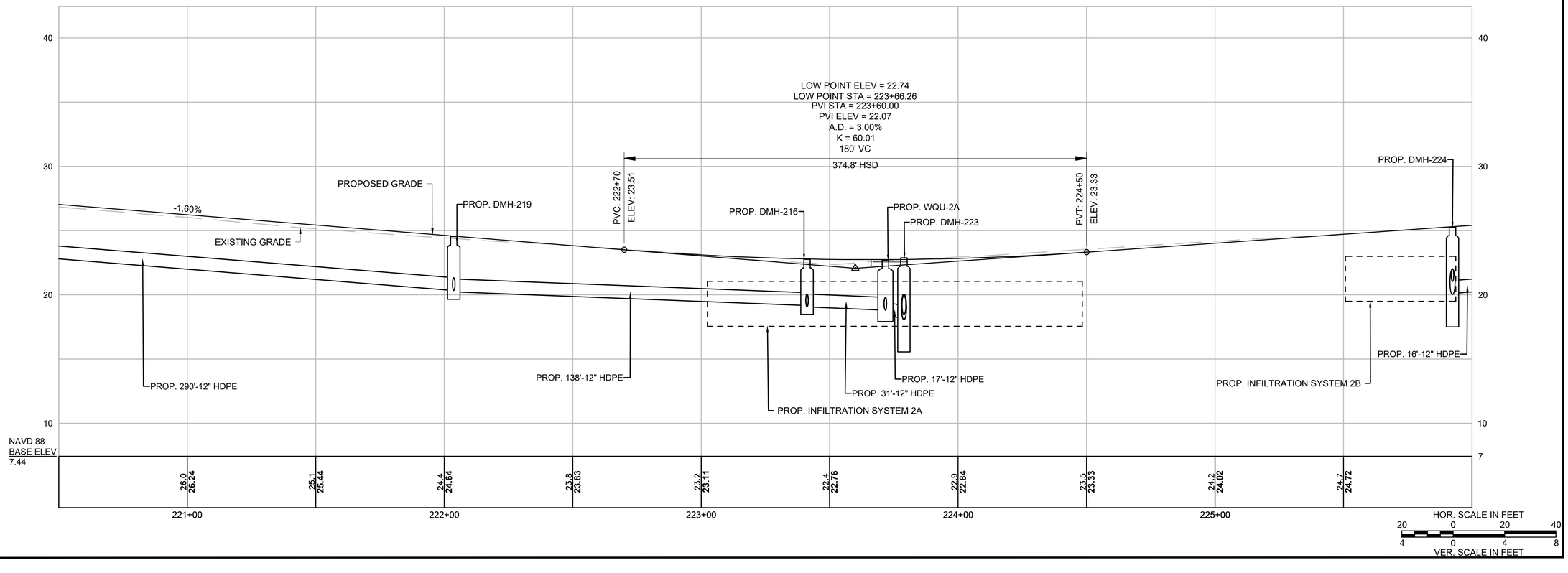
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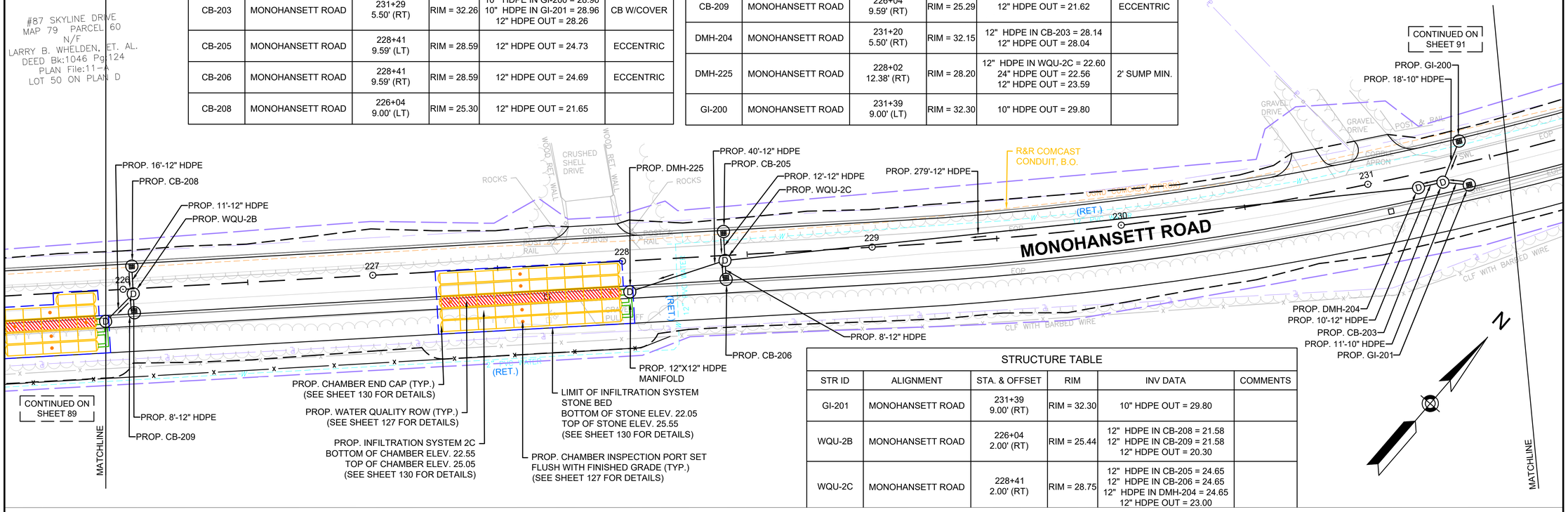
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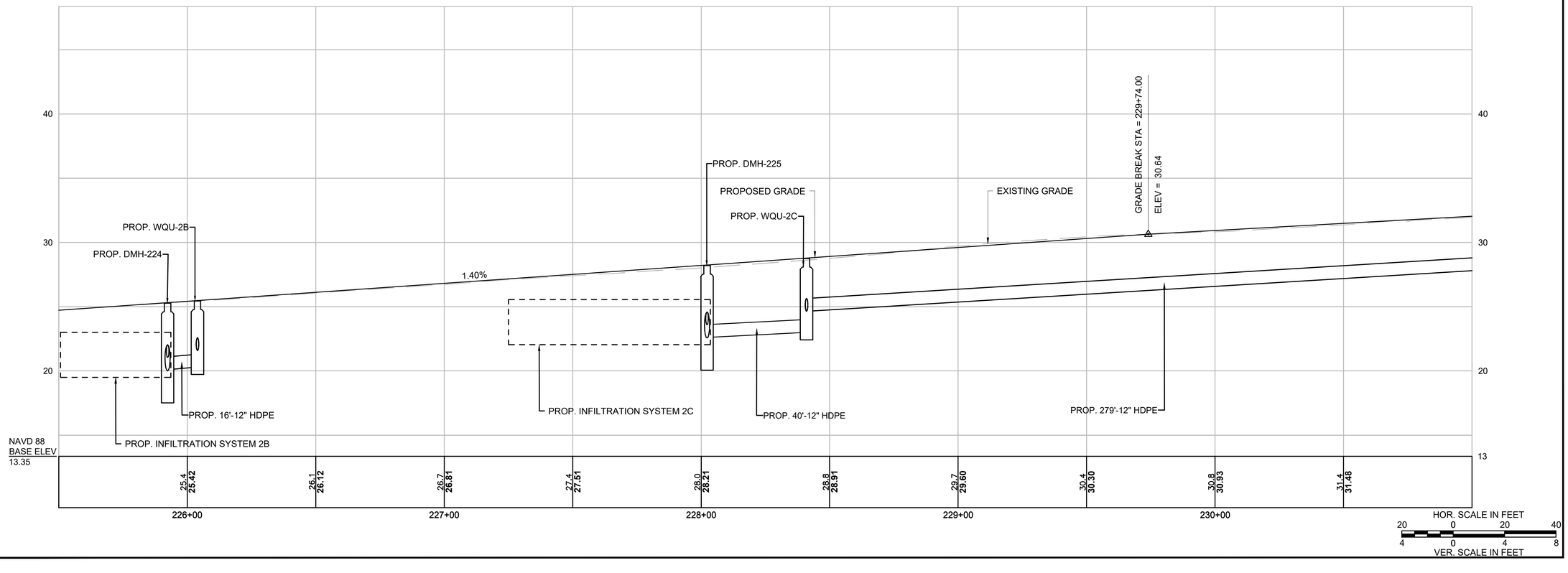
STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-203	MONOHANSETT ROAD	231+29 5.50' (RT)	RIM = 32.26	10" HDPE IN GI-200 = 28.96 10" HDPE IN GI-201 = 28.96 12" HDPE OUT = 28.26	CB W/COVER
CB-205	MONOHANSETT ROAD	228+41 9.59' (LT)	RIM = 28.59	12" HDPE OUT = 24.73	ECCENTRIC
CB-206	MONOHANSETT ROAD	228+41 9.59' (RT)	RIM = 28.59	12" HDPE OUT = 24.69	ECCENTRIC
CB-208	MONOHANSETT ROAD	226+04 9.00' (LT)	RIM = 25.30	12" HDPE OUT = 21.65	

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-209	MONOHANSETT ROAD	226+04 9.59' (RT)	RIM = 25.29	12" HDPE OUT = 21.62	ECCENTRIC
DMH-204	MONOHANSETT ROAD	231+20 5.50' (RT)	RIM = 32.15	12" HDPE IN CB-203 = 28.14 12" HDPE OUT = 28.04	
DMH-225	MONOHANSETT ROAD	228+02 12.38' (RT)	RIM = 28.20	12" HDPE IN WQU-2C = 22.60 24" HDPE OUT = 22.56 12" HDPE OUT = 23.59	2' SUMP MIN.
GI-200	MONOHANSETT ROAD	231+39 9.00' (LT)	RIM = 32.30	10" HDPE OUT = 29.80	

#87 SKYLINE DRIVE
MAP 79 PARCEL 60
N/F
LARRY B. WHELDEN, ET. AL.
DEED Bk:1046 Pg:124
PLAN File:11-A
LOT 50 ON PLAN D



STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
GI-201	MONOHANSETT ROAD	231+39 9.00' (RT)	RIM = 32.30	10" HDPE OUT = 29.80	
WQU-2B	MONOHANSETT ROAD	226+04 2.00' (RT)	RIM = 25.44	12" HDPE IN CB-208 = 21.58 12" HDPE IN CB-209 = 21.58 12" HDPE OUT = 20.30	
WQU-2C	MONOHANSETT ROAD	228+41 2.00' (RT)	RIM = 28.75	12" HDPE IN CB-205 = 24.65 12" HDPE IN CB-206 = 24.65 12" HDPE IN DMH-204 = 24.65 12" HDPE OUT = 23.00	



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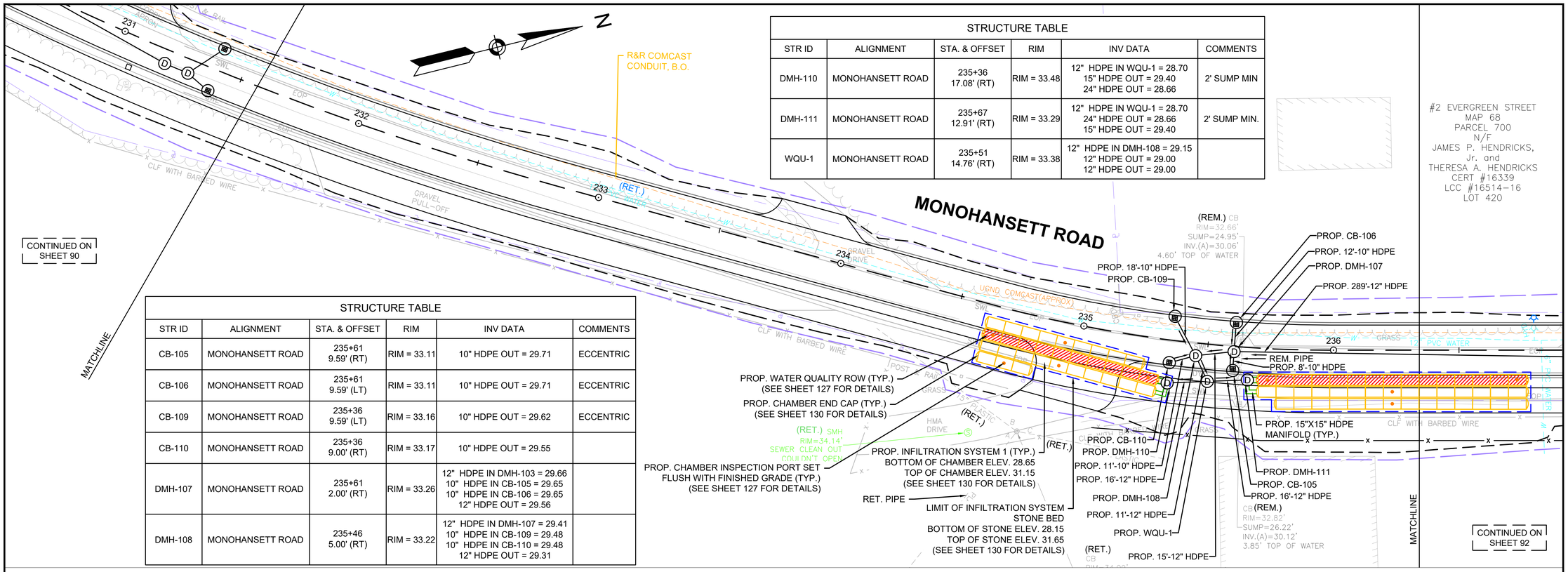
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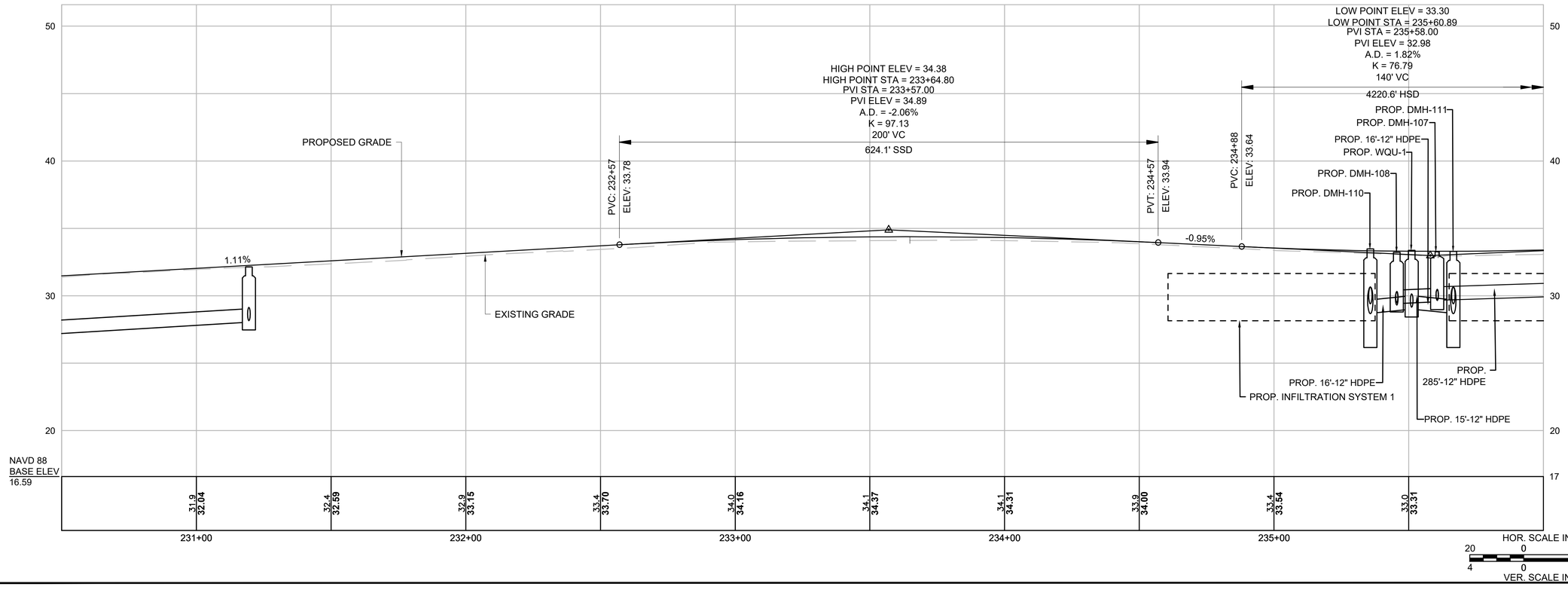
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STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
DMH-110	MONOHANSETT ROAD	235+36 17.08' (RT)	RIM = 33.48	12" HDPE IN WQU-1 = 28.70 15" HDPE OUT = 29.40 24" HDPE OUT = 28.66	2' SUMP MIN
DMH-111	MONOHANSETT ROAD	235+67 12.91' (RT)	RIM = 33.29	12" HDPE IN WQU-1 = 28.70 24" HDPE OUT = 28.66 15" HDPE OUT = 29.40	2' SUMP MIN.
WQU-1	MONOHANSETT ROAD	235+51 14.76' (RT)	RIM = 33.38	12" HDPE IN DMH-108 = 29.15 12" HDPE OUT = 29.00 12" HDPE OUT = 29.00	

STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-105	MONOHANSETT ROAD	235+61 9.59' (RT)	RIM = 33.11	10" HDPE OUT = 29.71	ECCENTRIC
CB-106	MONOHANSETT ROAD	235+61 9.59' (LT)	RIM = 33.11	10" HDPE OUT = 29.71	ECCENTRIC
CB-109	MONOHANSETT ROAD	235+36 9.59' (LT)	RIM = 33.16	10" HDPE OUT = 29.62	ECCENTRIC
CB-110	MONOHANSETT ROAD	235+36 9.00' (RT)	RIM = 33.17	10" HDPE OUT = 29.55	
DMH-107	MONOHANSETT ROAD	235+61 2.00' (RT)	RIM = 33.26	12" HDPE IN DMH-103 = 29.66 10" HDPE IN CB-105 = 29.65 10" HDPE IN CB-106 = 29.65 12" HDPE OUT = 29.56	
DMH-108	MONOHANSETT ROAD	235+46 5.00' (RT)	RIM = 33.22	12" HDPE IN DMH-107 = 29.41 10" HDPE IN CB-109 = 29.48 10" HDPE IN CB-110 = 29.48 12" HDPE OUT = 29.31	



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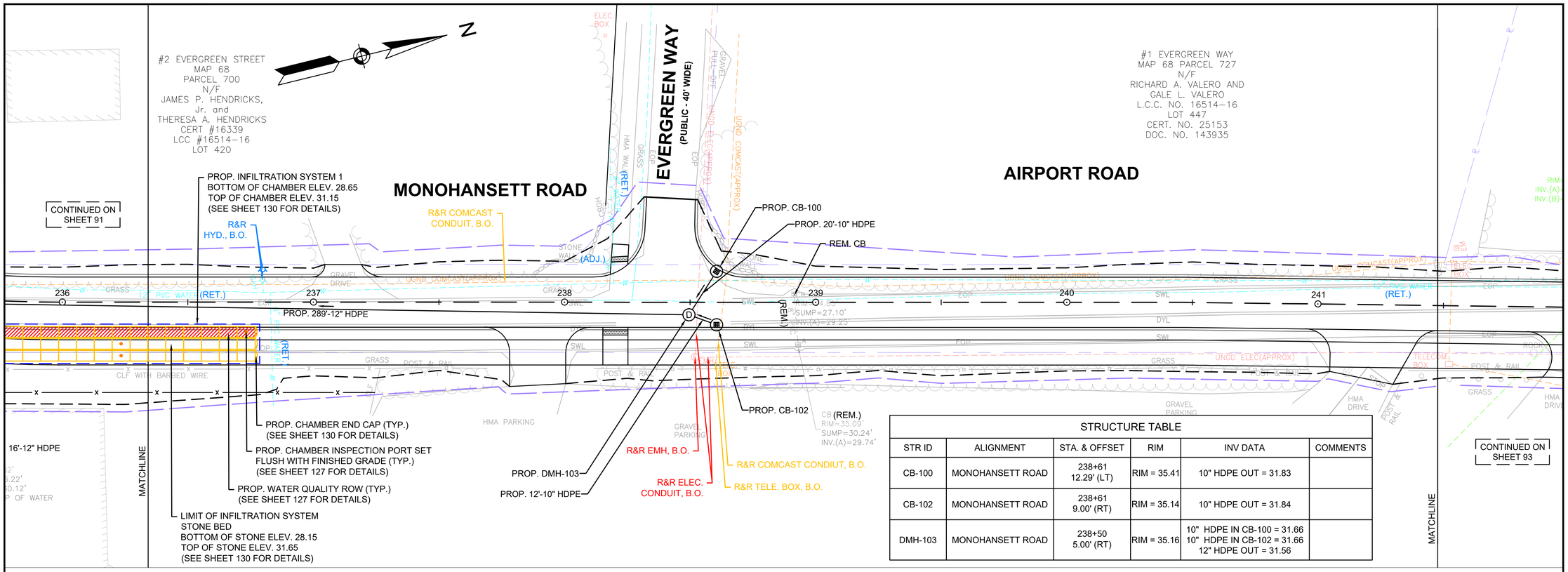
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LR/GP	BAM

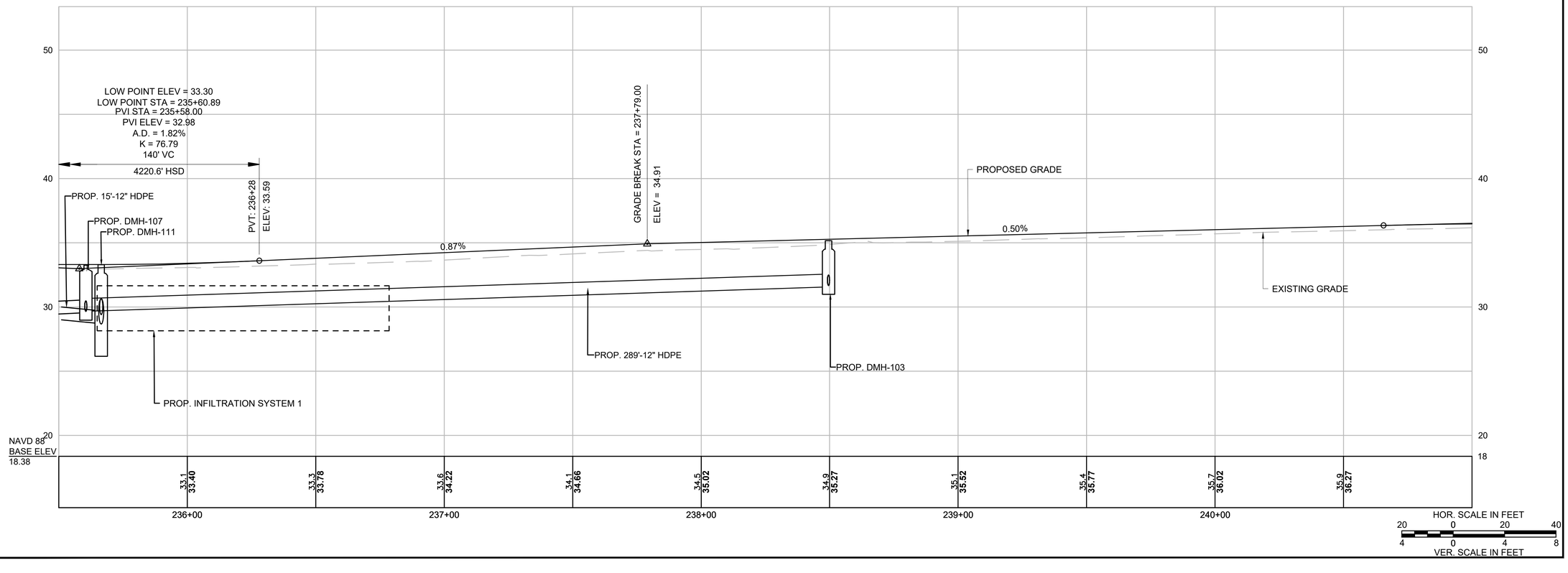
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STRUCTURE TABLE					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-100	MONOHANSETT ROAD	238+61 12.29' (LT)	RIM = 35.41	10" HDPE OUT = 31.83	
CB-102	MONOHANSETT ROAD	238+61 9.00' (RT)	RIM = 35.14	10" HDPE OUT = 31.84	
DMH-103	MONOHANSETT ROAD	238+50 5.00' (RT)	RIM = 35.16	10" HDPE IN CB-100 = 31.66 10" HDPE IN CB-102 = 31.66 12" HDPE OUT = 31.56	



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#21 AIRPORT ROAD
MAP 68 PARCEL 54
N/F
RAYMOND P. CONLON,
TRUSTEE OF THE
REPEATER TRUST
L.C.C. NO. 16514-G
LOT 48
CERT. NO. 16221
DOC. NO. 64102

MILLER LANE
MAP 68 PARCEL 888
N/F
NANTUCKET INN AT
NOBADEER CONDOMINIUM
L.C.C. NO. 16514-9
LOT 209
CERT. NO. C-7
DOC. NO. 36821

MAP 79 PARCEL 12
N/F
TOWN OF NANTUCKET
DEED Bk: 117 Pg: 551

MILLER LANE

AIRPORT ROAD

END PROJECT
STA. 242+50.00
MEET EXISTING
N94132.7006
E1759782.4481

R&R ELEC. BOX, B.O.

R&R COMCAST CONDUIT, B.O.

R&R TELECOM BOX, B.O.

R&R LAMP POST
PROP. ELEC. HANDHOLE, LAMP POST BASE
& 2.5'-3" CONDUIT

CONTINUED ON SHEET 92

MATCHLINE

HIGH POINT ELEV = 36.49
HIGH POINT STA = 241+22.36
PVI STA = 241+28.00
PVI ELEV = 36.66
A.D. = -1.10%
K = 113.45
125' VC
1042.0' SSD

PVC: 240+65.50
ELEV: 36.35

PVT: 241+90.50
ELEV: 36.29

PROPOSED GRADE

-0.60%

EXISTING GRADE

END PROJECT
STA. 242+50.00
MEET EXISTING
N94132.7006
E1759782.4481

NAVD 88
BASE ELEV
18.73

241+00 242+00 243+00 244+00 245+00

HOR. SCALE IN FEET
20 0 20 40
VER. SCALE IN FEET
4 0 4 8

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STRUCTURE TABLE (SEE SHEET 82 FOR DRAINAGE LAYOUT)					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
DMH-611	OKORWAW AVENUE	108+89 2.00' (RT)	RIM = 15.69	12" HDPE IN CB-609 = 11.45 12" HDPE IN CB-610 = 11.49 12" HDPE OUT = 10.46	
CB-609	OKORWAW AVENUE	108+89 9.59' (LT)	RIM = 15.53	12" HDPE OUT = 11.53	ECCENTRIC
CB-610	OKORWAW AVENUE	108+89 9.59' (RT)	RIM = 15.53	12" HDPE OUT = 11.53	ECCENTRIC
DMH-622	OKORWAW AVENUE	109+12 17.13' (RT)	RIM = 15.60	15" HDPE IN WQU-6B = 9.60 15" HDPE OUT = 10.25 24" HDPE OUT = 9.51 24" HDPE OUT = 9.51	2' SUMP MIN.
WQU-6B	OKORWAW AVENUE	109+15 2.00' (RT)	RIM = 15.41	12" HDPE IN DMH-611 = 9.94 12" HDPE IN DMH-608 = 9.94 12" HDPE IN DMH-621 = 9.94 15" HDPE OUT = 9.80	
DMH-608	OKORWAW AVENUE	109+55 2.00' (RT)	RIM = 15.25	12" HDPE IN DMH-605 = 10.85 12" HDPE IN CB-606 = 10.95 12" HDPE IN CB-607 = 10.95 12" HDPE OUT = 10.75	
CB-607	OKORWAW AVENUE	109+55 9.59' (RT)	RIM = 15.10	12" HDPE OUT = 11.10	ECCENTRIC
CB-606	OKORWAW AVENUE	109+55 9.87' (LT)	RIM = 15.10	12" HDPE OUT = 11.10	
DMH-605	OKORWAW AVENUE	109+80 2.00' (RT)	RIM = 15.33	12" HDPE IN CB-604 = 11.23 12" HDPE IN CB-603 = 11.23 12" HDPE OUT = 11.13	
CB-604	OKORWAW AVENUE	109+80 9.00' (LT)	RIM = 15.19	12" HDPE OUT = 11.34	
CB-603	OKORWAW AVENUE	109+80 9.59' (RT)	RIM = 15.17	12" HDPE OUT = 11.30	ECCENTRIC
WQU-6C	OKORWAW AVENUE	112+70 5.00' (RT)	RIM = 19.83	12" HDPE IN CB-600 = 15.73 12" HDPE IN CB-601 = 15.73 12" HDPE OUT = 14.70	
DMH-603C	OKORWAW AVENUE	112+70 12.37' (RT)	RIM = 19.88	12" HDPE IN WQU-6C = 14.60 12" HDPE OUT = 15.54 24" HDPE OUT = 14.51	2' SUMP MIN.
CB-601	OKORWAW AVENUE	112+80 9.00' (RT)	RIM = 19.92	12" HDPE OUT = 15.92	
CB-600	OKORWAW AVENUE	112+80 9.59' (LT)	RIM = 19.90	12" HDPE OUT = 16.40	ECCENTRIC
DMH-621	SKYLINE DRIVE	4000+73 5.00' (LT)	RIM = 14.04	10" HDPE IN CB-620 = 10.42 10" HDPE IN CB-619 = 10.42 12" HDPE OUT = 10.32	
CB-619	SKYLINE DRIVE	4000+83 9.00' (LT)	RIM = 13.92	10" HDPE OUT = 10.52	
CB-620	SKYLINE DRIVE	4000+83 9.59' (RT)	RIM = 13.91	10" HDPE OUT = 10.51	ECCENTRIC

STRUCTURE TABLE (SEE SHEET 83 FOR DRAINAGE LAYOUT)					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-414	OKORWAW AVENUE	116+48 8.41' (LT)	RIM = 21.40	12" HDPE OUT = 17.40	ECCENTRIC
CB-413	OKORWAW AVENUE	116+48 9.00' (RT)	RIM = 21.39	12" HDPE OUT = 17.39	
DMH-415	OKORWAW AVENUE	116+58 5.00' (RT)	RIM = 21.29	12" HDPE IN CB-414 = 17.29 12" HDPE IN CB-413 = 17.29 12" HDPE OUT = 17.19	
CB-411	OKORWAW AVENUE	118+12 8.41' (LT)	RIM = 18.54	12" HDPE OUT = 14.49	ECCENTRIC
CB-410	OKORWAW AVENUE	118+12 9.00' (RT)	RIM = 18.52	12" HDPE OUT = 14.48	
WQU-4	OKORWAW AVENUE	118+19 2.00' (RT)	RIM = 18.63	12" HDPE IN DMH-415 = 14.38 12" HDPE IN DMH-409 = 14.28 12" HDPE IN CB-411 = 14.38 12" HDPE IN CB-410 = 14.38 15" HDPE OUT = 13.80	6' I.D.
DMH-416	OKORWAW AVENUE	118+19 17.12' (RT)	RIM = 18.79	15" HDPE IN WQU-4 = 13.60 15" HDPE OUT = 14.25 24" HDPE OUT = 13.51 24" HDPE OUT = 13.51	2' SUMP MIN.
DMH-409	OKORWAW AVENUE	118+37 2.00' (RT)	RIM = 18.58	12" HDPE IN DMH-406 = 14.57 12" HDPE IN CB-407 = 14.59 12" HDPE IN CB-408 = 14.58 12" HDPE OUT = 14.52	
CB-407	OKORWAW AVENUE	118+37 8.41' (LT)	RIM = 18.45	12" HDPE OUT = 14.65	ECCENTRIC
CB-408	OKORWAW AVENUE	118+37 9.59' (RT)	RIM = 18.43	12" HDPE OUT = 14.62	ECCENTRIC

STRUCTURE TABLE (SEE SHEET 85 FOR DRAINAGE LAYOUT)					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
DMH-402	OKORWAW AVENUE	123+09 5.00' (RT)	RIM = 26.86	12" HDPE IN CB-400 = 22.76 12" HDPE IN CB-401 = 22.76 12" HDPE OUT = 22.66	
CB-400	OKORWAW AVENUE	123+09 8.41' (LT)	RIM = 26.79	12" HDPE OUT = 22.89	ECCENTRIC
CB-401	OKORWAW AVENUE	123+23 9.00' (RT)	RIM = 27.05	12" HDPE OUT = 22.95	
CB-513	MONOHANSETT ROAD	203+42 9.00' (LT)	RIM = 26.81	12" HDPE OUT = 22.81	
CB-512	MONOHANSETT ROAD	203+42 9.00' (RT)	RIM = 26.81	12" HDPE OUT = 22.81	
WQU-5A	MONOHANSETT ROAD	203+52 5.00' (RT)	RIM = 26.87	12" HDPE IN DMH-511 = 22.67 12" HDPE IN CB-513 = 22.67 12" HDPE IN CB-512 = 22.67 12" HDPE OUT = 22.57	5' I.D.
DMH-511	MONOHANSETT ROAD	203+67 2.00' (RT)	RIM = 26.92	12" HDPE IN CB-509 = 23.02 12" HDPE IN CB-510 = 23.02 12" HDPE OUT = 22.92	
CB-509	MONOHANSETT ROAD	203+67 9.00' (LT)	RIM = 26.78	12" HDPE OUT = 23.08	
CB-510	MONOHANSETT ROAD	203+67 9.59' (RT)	RIM = 26.77	12" HDPE OUT = 23.07	ECCENTRIC
DMH-515	MONOHANSETT ROAD	203+73 21.88' (RT)	RIM = 27.19	12" HDPE IN WQU-5A = 22.30 12" HDPE OUT = 23.29 24" HDPE OUT = 22.26	2' SUMP MIN.
DMH-516	MONOHANSETT ROAD	204+64 17.41' (RT)	RIM = 27.43	12" HDPE IN WQU-5B = 22.30 24" HDPE OUT = 22.26 12" HDPE OUT = 23.29	2' SUMP MIN.
WQU-5B	MONOHANSETT ROAD	204+92 2.00' (RT)	RIM = 27.46	12" HDPE IN DMH-505 = 23.66 12" HDPE IN CB-506 = 23.66 12" HDPE IN CB-507 = 23.66 12" HDPE OUT = 22.80	
CB-506	MONOHANSETT ROAD	204+92 9.59' (LT)	RIM = 27.30	12" HDPE OUT = 23.73	ECCENTRIC
CB-507	MONOHANSETT ROAD	204+92 9.59' (RT)	RIM = 27.31	12" HDPE OUT = 23.71	ECCENTRIC

STRUCTURE TABLE (SEE SHEET 87 FOR DRAINAGE LAYOUT)					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
CB-311	MONOHANSETT ROAD	210+55 9.00' (LT)	RIM = 29.18	12" HDPE OUT = 25.19	
CB-310	MONOHANSETT ROAD	210+55 9.00' (RT)	RIM = 29.18	12" HDPE OUT = 25.17	
WQU-3C	MONOHANSETT ROAD	210+65 5.00' (RT)	RIM = 29.17	12" HDPE IN CB-311 = 25.10 12" HDPE IN CB-310 = 25.10 12" HDPE OUT = 24.30	
DMH-310	MONOHANSETT ROAD	210+80 12.38' (RT)	RIM = 29.07	12" HDPE IN WQU-3C = 24.10 24" HDPE OUT = 24.01 12" HDPE OUT = 25.04	2' SUMP MIN.
DMH-311	MONOHANSETT ROAD	212+70 12.36' (RT)	RIM = 26.46	12" HDPE IN WQU-3A = 22.00 24" HDPE OUT = 21.91 15" HDPE OUT = 22.65	2' SUMP MIN.
WQU-3A	MONOHANSETT ROAD	212+96 2.00' (RT)	RIM = 26.41	12" HDPE IN DMH-305 = 22.60 10" HDPE IN CB-306 = 22.61 10" HDPE IN CB-307 = 22.61 12" HDPE OUT = 22.40	6' I.D.
CB-306	MONOHANSETT ROAD	213+00 9.00' (LT)	RIM = 26.26	10" HDPE OUT = 22.76	
CB-307	MONOHANSETT ROAD	213+00 9.00' (RT)	RIM = 26.26	10" HDPE OUT = 22.76	
DMH-305	MONOHANSETT ROAD	213+25 2.00' (RT)	RIM = 26.46	12" HDPE IN CB-303 = 22.76 12" HDPE IN CB-304 = 22.76 12" HDPE OUT = 22.75	
CB-303	MONOHANSETT ROAD	213+25 9.00' (LT)	RIM = 26.32	12" HDPE OUT = 22.82	
CB-304	MONOHANSETT ROAD	213+25 9.59' (RT)	RIM = 26.31	12" HDPE OUT = 22.81	ECCENTRIC
DMH-312	MONOHANSETT ROAD	214+49 12.59' (RT)	RIM = 27.71	12" HDPE IN WQU-3B = 22.60 24" HDPE OUT = 22.51 12" HDPE OUT = 23.54	2' SUMP MIN.
WQU-3B	MONOHANSETT ROAD	215+36 5.00' (RT)	RIM = 28.60	12" HDPE IN CB-300 = 24.54 12" HDPE IN CB-301 = 24.54 12" HDPE OUT = 24.44	
CB-301	MONOHANSETT ROAD	215+46 9.00' (RT)	RIM = 28.63	12" HDPE OUT = 24.63	
CB-300	MONOHANSETT ROAD	215+47 9.00' (LT)	RIM = 28.64	12" HDPE OUT = 24.65	

STRUCTURE TABLE (SEE SHEET 89 FOR DRAINAGE LAYOUT)					
STR ID	ALIGNMENT	STA. & OFFSET	RIM	INV DATA	COMMENTS
DMH-219	MONOHANSETT ROAD	222+04 2.00' (RT)	RIM = 24.54	12" HDPE IN DMH-220 = 20.34 12" HDPE IN CB-217 = 20.34 12" HDPE IN CB-218 = 20.34 12" HDPE OUT = 20.24	
CB-217	MONOHANSETT ROAD	222+04 9.00' (LT)	RIM = 24.40	12" HDPE OUT = 20.40	
CB-218	MONOHANSETT ROAD	222+04 9.59' (RT)	RIM = 24.38	12" HDPE OUT = 20.38	ECCENTRIC
DMH-216	MONOHANSETT ROAD	223+41 2.00' (RT)	RIM = 22.77	12" HDPE IN DMH-219 = 19.17 12" HDPE IN CB-215 = 19.07 12" HDPE IN CB-214 = 19.07 12" HDPE OUT = 19.07	
CB-215	MONOHANSETT ROAD	223+41 9.00' (LT)	RIM = 22.63	12" HDPE OUT = 19.13	
CB-214	MONOHANSETT ROAD	223+41 9.59' (RT)	RIM = 22.61	12" HDPE OUT = 19.11	ECCENTRIC
CB-211	MONOHANSETT ROAD	223+66 9.00' (LT)	RIM = 22.56	12" HDPE OUT = 18.89	
CB-212	MONOHANSETT ROAD	223+66 9.00' (RT)	RIM = 22.56	12" HDPE OUT = 18.86	
WQU-2A	MONOHANSETT ROAD	223+72 2.00' (RT)	RIM = 22.71	12" HDPE IN DMH-216 = 18.81 12" HDPE IN CB-211 = 18.81 12" HDPE IN CB-212 = 18.81 12" HDPE OUT = 18.50	5' I.D.
DMH-223	MONOHANSETT ROAD	223+79 16.99' (RT)	RIM = 22.88	12" HDPE IN WQU-2A = 18.10 24" HDPE OUT = 18.06 24" HDPE OUT = 18.06 18" HDPE OUT = 18.47	2' SUMP MIN.
DMH-224	MONOHANSETT ROAD	225+92 12.38' (RT)	RIM = 25.27	12" HDPE IN WQU-2B = 20.10 24" HDPE OUT = 20.01 12" HDPE OUT = 21.04	2' SUMP MIN.

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PREPARED FOR
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16 BROAD STREET
NANTUCKET, MA 02554

SURFSIDE AREA TRANSPORTATION ENHANCEMENTS
LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MA 02554

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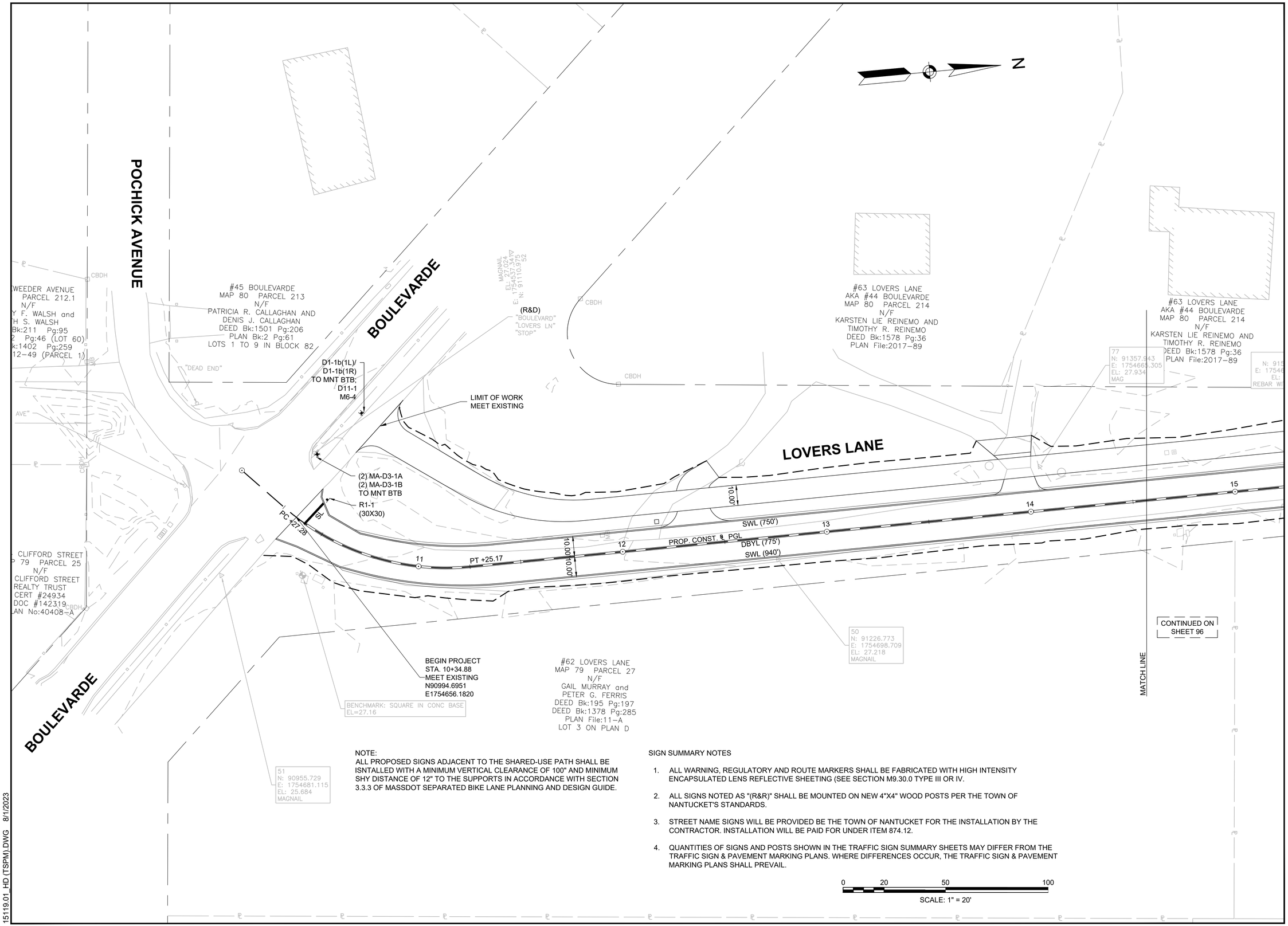
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CHECKED BY: BAM

DRAINAGE & UTILITY PLANS & PROFILES

SCALE: 1"=20'

15119

15119.01_HD (DU)_OKW_MON.DWG 8/10/2023



NOTE:
ALL PROPOSED SIGNS ADJACENT TO THE SHARED-USE PATH SHALL BE ISNTALLED WITH A MINIMUM VERTICAL CLEARANCE OF 100" AND MINIMUM SHY DISTANCE OF 12" TO THE SUPPORTS IN ACCORDANCE WITH SECTION 3.3.3 OF MASSDOT SEPARATED BIKE LANE PLANNING AND DESIGN GUIDE.

SIGN SUMMARY 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 4"X4" WOOD POSTS PER THE TOWN OF NANTUCKET'S STANDARDS.
3. STREET NAME SIGNS WILL BE PROVIDED BE THE TOWN OF NANTUCKET FOR THE INSTALLATION BY THE CONTRACTOR. INSTALLATION WILL BE PAID FOR UNDER ITEM 874.12.
4. QUANTITIES OF SIGNS AND POSTS SHOWN IN THE TRAFFIC SIGN SUMMARY SHEETS MAY DIFFER FROM THE TRAFFIC SIGN & PAVEMENT MARKING PLANS. WHERE DIFFERENCES OCCUR, THE TRAFFIC SIGN & PAVEMENT MARKING PLANS SHALL PREVAIL.

0 20 50 100
SCALE: 1" = 20'

15119.01_HD (TSPM).DWG 8/1/2023

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TRAFFIC SIGN & PAVEMENT MARKING PLANS

SCALE: 1"=20'

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N

SHIMMO STREET

WHITE STREET

LOVERS LANE

OKORWAW AVENUE

#4 WHITE STREET
MAP 80 PARCEL 215
N/F
DAVID FREDERICKS and
LAURA ANN FREDERICKS
DEED Bk:345 Pg:310
PLAN File:11-A
LOT 15 ON PLAN D

#61 LOVERS LANE
MAP 80 PARCEL 215-1
N/F
KAREN L. BOPP AND DAVID BOPP,
TRUSTEES OF TWO WHITE STREET
REALTY TRUST
DEED Bk:1611 Pg:47
PLAN File:46-Q
LOT 2

#63 LOVERS LANE
AKA #44 BOULEVARDE
MAP 80 PARCEL 214
N/F
KARSTEN LIE REINEMO AND
TIMOTHY R. REINEMO
DEED Bk:1578 Pg:36
PLAN File:2017-89

#1 WHITE STREET
MAP 79 PARCEL 29
N/F
DENISE M. GOLDSMITH REVOCABLE TRUST and
J. SPENCER GOLDSMITH REVOCABLE TRUST
DEED Bk:1238 Pg:224
PLAN File:11-A

#1 OKORWAW AVENUE
MAP 79 PARCEL 28
N/F
ROBERT J. BETTACCHI, TRUSTEE
DEED Bk:686 Pg:140
PLAN File:11-A
LOT 9 ON PLAN D

77
N: 91357.943
E: 1754665.305
EL: 27.934
MAG

49
N: 91501.036
E: 1754671.297
EL: 27.698
REBAR WITH CAP

48
N: 91765.785

LIMIT OF WORK
STA. 1000+71.78
MEET EXISTING

(2) MA-D3-1A
(2) MA-D3-1C
TO MNT BTB;
R1-1 (30x30)

PT +53.74

SL

PC +21.53

W14-1

10' CW

SWL (750')
DBYL (775')
SWL (940')

PC 94.26

PT +55.16

10.00'
10.00'

PROP. CONST. ℄ PGL

PC +43.97

SWL (2235')
DBYL (90')
SWL (940')

W17-1a

LOVERS LANE CONST. ℄ STA. 18+43.97 =
WHITE STREET CONST. ℄ STA. 1000+00.00

CONTINUED ON SHEET 97

CONTINUED ON SHEET 95

CONTINUED ON SHEET 107

MATCH LINE

MATCH LINE

PROP. CONST. ℄ PGL

15 16 17 18 19 20 101

0 20 50 100

SCALE: 1" = 20'

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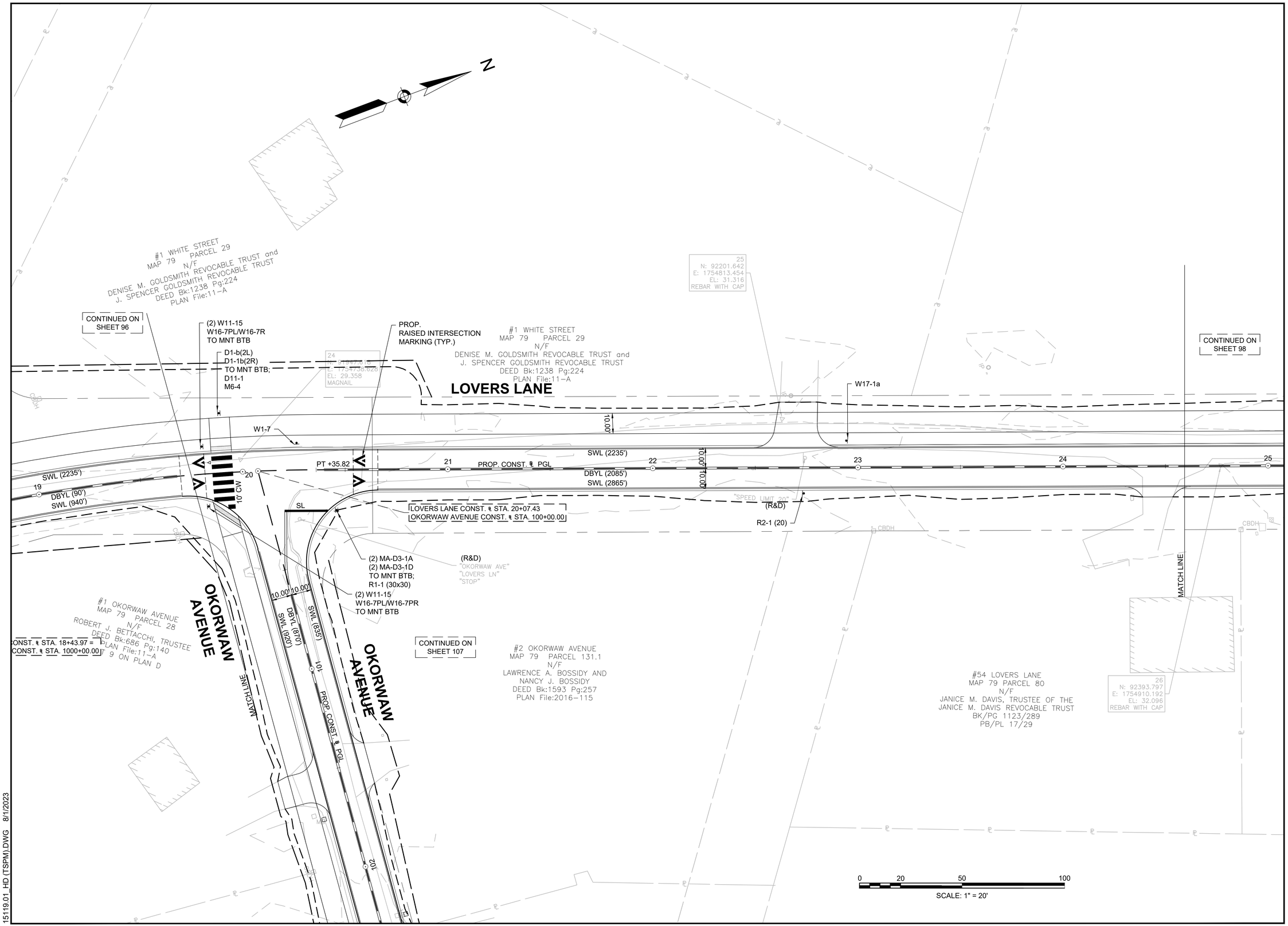
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TRAFFIC SIGN & PAVEMENT MARKING PLANS

SCALE: 1"=20'

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15119

RUGGED ROAD
MAP 79 PARCEL 30
N/F
CAMP RICHARDS
CAMPERS ASSOCIATION, INC.
BK/PG 1396/22
PB/PL P2/85

CONTINUED ON SHEET 97

27
N: 92664.308
E: 1754995.074
EL: 33.528
MAGNAIL

LOVERS LANE

10.00'

SWL (2235')

25 26 PROP. CONST. ℄ PGL 27 28 29 30

10.00'

DBYL (2085')
SWL (2865')

CBDH

BURIED PROPANE TANK COVER

CBDH

28
N: 92821.534
E: 1755078.920
EL: 33.905
MAG

MATCH LINE

#52 LOVERS LANE
MAP 79 PARCEL 81
N/F
CHANDANI, LLC
BK/PG 1623/48
PB/PL 17/29

#50 LOVERS LANE
MAP 79 PARCEL 82
N/F
ALEJANDRA V. CARVAJAL AND
AMY KOSSNAR
BK/PG 1486/284
PB/PL 17/29

26
N: 92393.797
E: 1754910.192
EL: 32.096
REBAR WITH CAP

MATCH LINE

CONTINUED ON SHEET 99

0 20 50 100
SCALE: 1" = 20'

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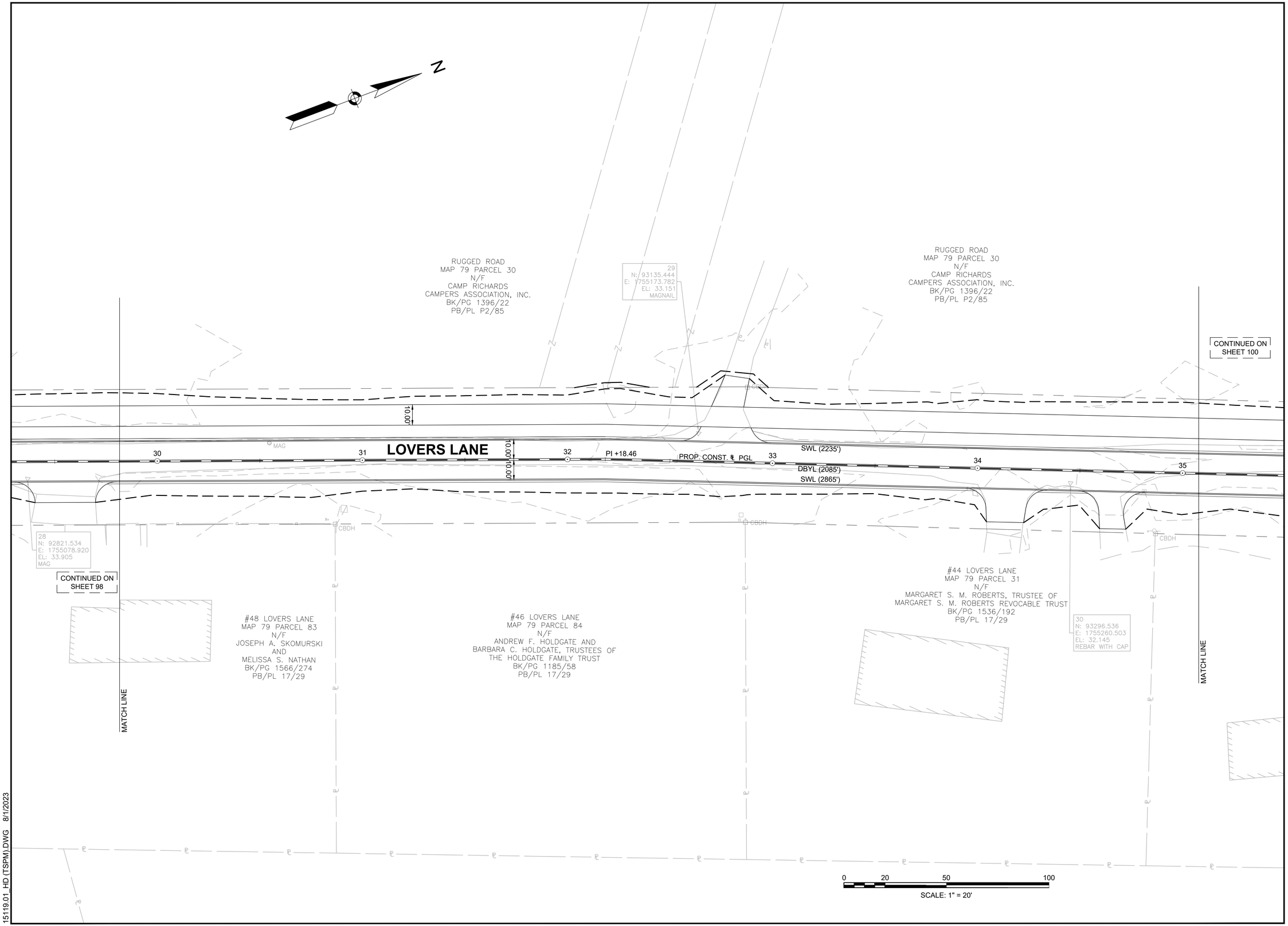
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TRAFFIC SIGN & PAVEMENT MARKING PLANS

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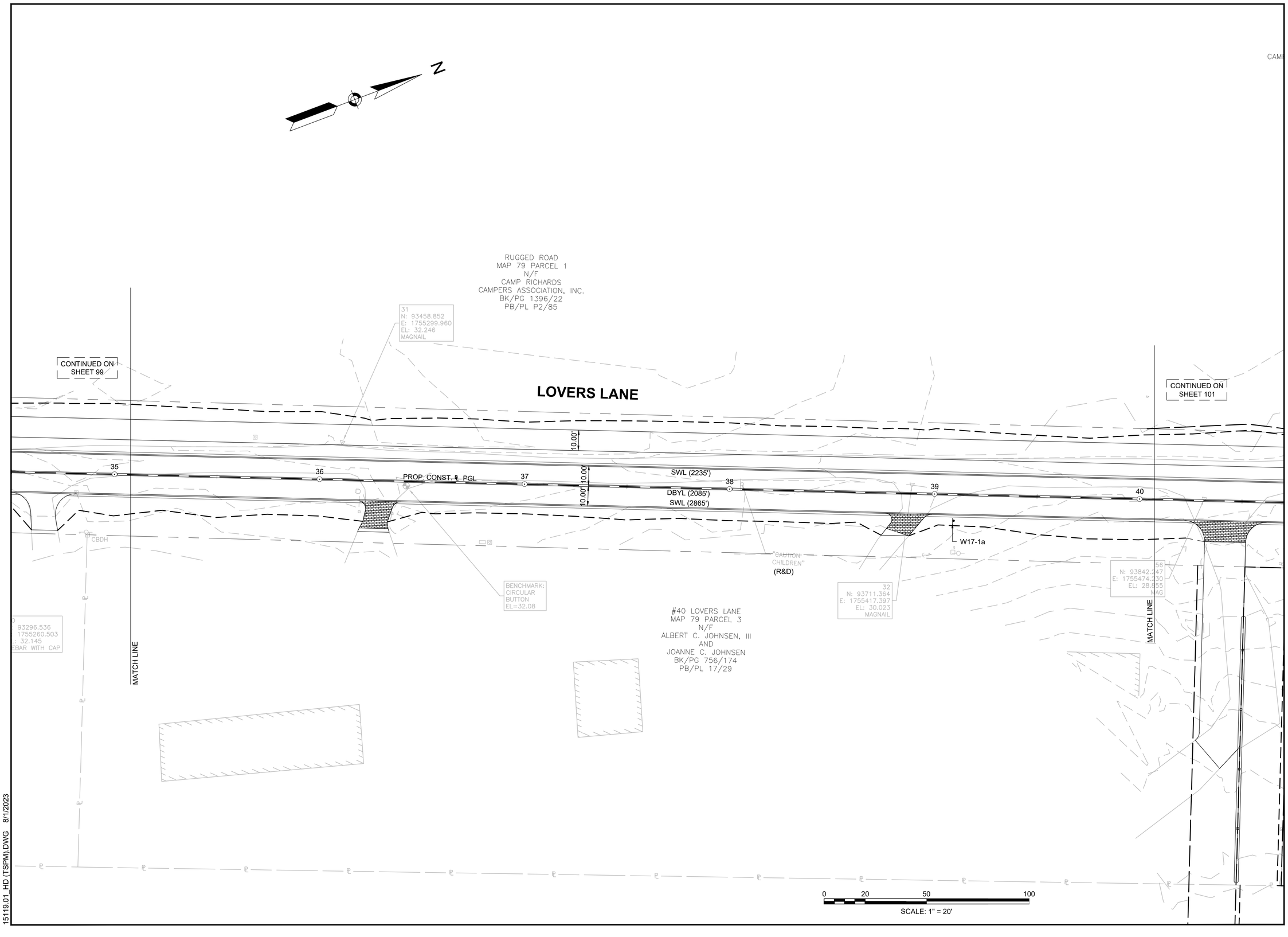
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TRAFFIC SIGN & PAVEMENT MARKING PLANS

SCALE: 1"=20'

15119

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RUGGED ROAD
MAP 79 PARCEL 1
N/F
CAMP RICHARDS
CAMPERS ASSOCIATION, INC.
BK/PG 1396/22
PB/PL P2/85

35 TICCOMA WAY
MAP 68 PARCEL 70
N/F
COMMONWEALTH OF MASSACHUSETTS,
ACTING THROUGH ITS DEPARTMENT
OF CONSERVATION AND RECREATION
BK/PG 95/404
PB/PL 49-L

N

RUGGED ROAD

LOVERS LANE

PC +83.68
302 PT +03.32
PROP. CONST. ℄ PGL
PT +17.24
301
PC +91.97
PT +46.35
SL
PC +00.44
10' CW

33
N: 93952.601
E: 1755491.562
EL: 28.198
REBAR WITH CAP

62
N: 94016.829
E: 1755450.669
EL: 28.781
MAG

63
N: 94155.087
E: 1755508.057
EL: 28.675
MAG

64
N: 94290.077
E: 1755559.256
EL: 29.255
MAG

DCR TRAIL CONST. ℄ STA. 1000+77.34 =
RUGGED ROAD CONST. ℄ STA. 301+00.63

W5-1

(2) MA-D3-1A
(2) MA-D3-1E
TO MNT BTB/
R1-1 (30x30)

1001
PROP. CONST. ℄ PGL
PC +56.75
PC +68.45
1002
1003
1004
PC +17.51
PT +63.
10.00'

MATCH LINE

W17-1a

SWL (2235')
DBYL (2085')
SWL (2865')
40
41
42
PROP. CONST. ℄ PGL
43
10.00'
SWL (1315')
DBYL (730')
SWL (2865')
44
PI +47.12
45

LOVERS LANE CONST. ℄ STA. 41+48.19 =
RUGGED ROAD CONST. ℄ STA. 300+00.00

W1-7

56
N: 93842.247
E: 1755474.230
EL: 28.855
MAG

CONTINUED ON
SHEET 100

MATCH LINE

PROP.
RAISED INTERSECTION
MARKING (TYP.)

#38-A LOVERS LANE
MAP 79 PARCEL 987
N/F
SARA K. MCCOY,
TRUSTEE OF THE MCCOY
FAMILY 2017 TRUST
BK/PG 1618/197
PB/PL 2007/56

34
N: 94240.154
E: 1755632.365
EL: 28.097
REBAR WITH CAP

#38 LOVERS LANE
MAP 68 PARCEL 68
N/F
SARA K. MCCOY, TRUSTEE OF
THE MCCOY FAMILY 2017 TRUST
BK/PG 1622/145
PB/PL 2007/56

CONTINUED ON
SHEET 102

CBDH

0 20 50 100
SCALE: 1" = 20'

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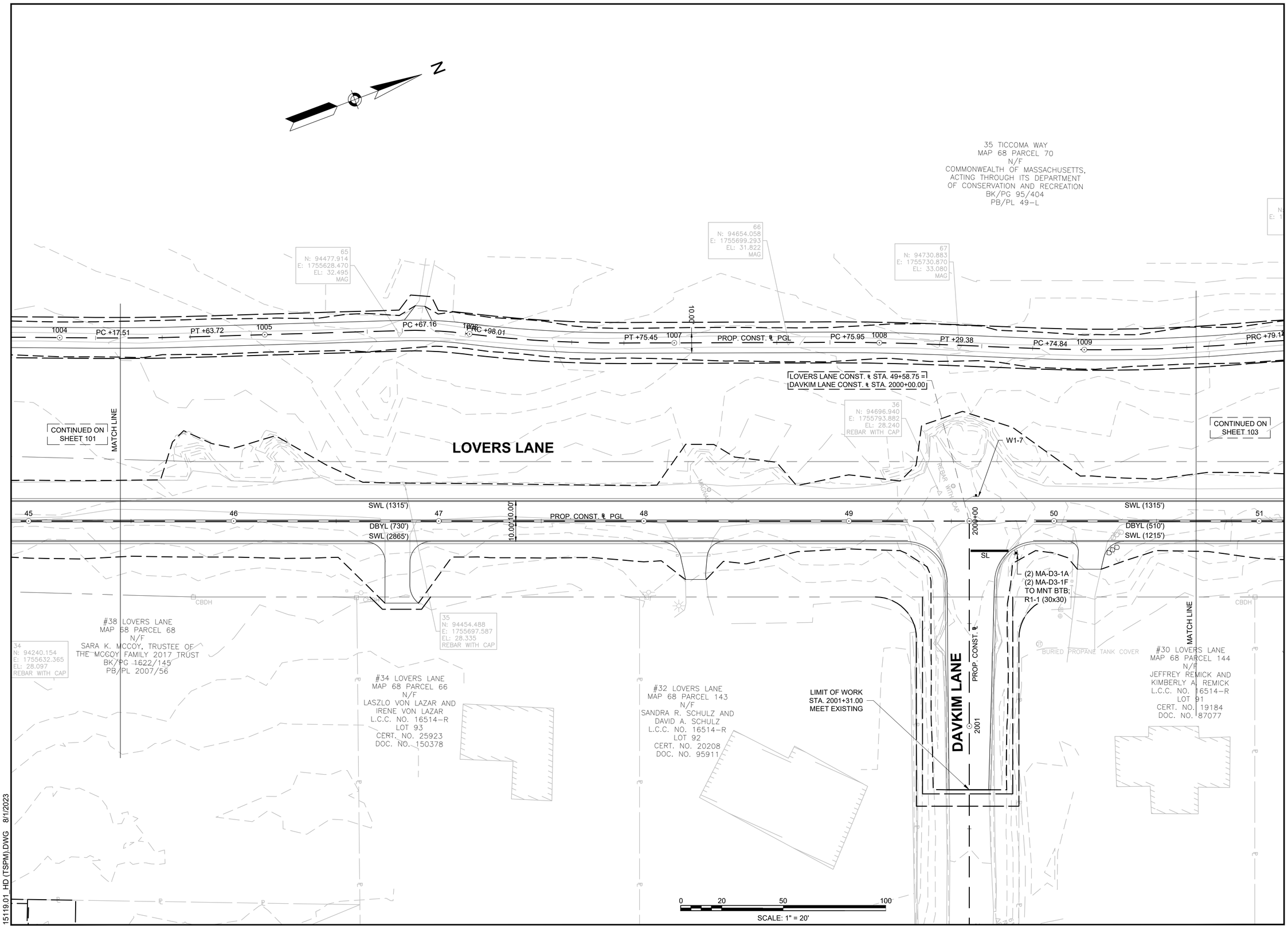
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TRAFFIC SIGN & PAVEMENT MARKING PLANS

SCALE: 1"=20'

15119

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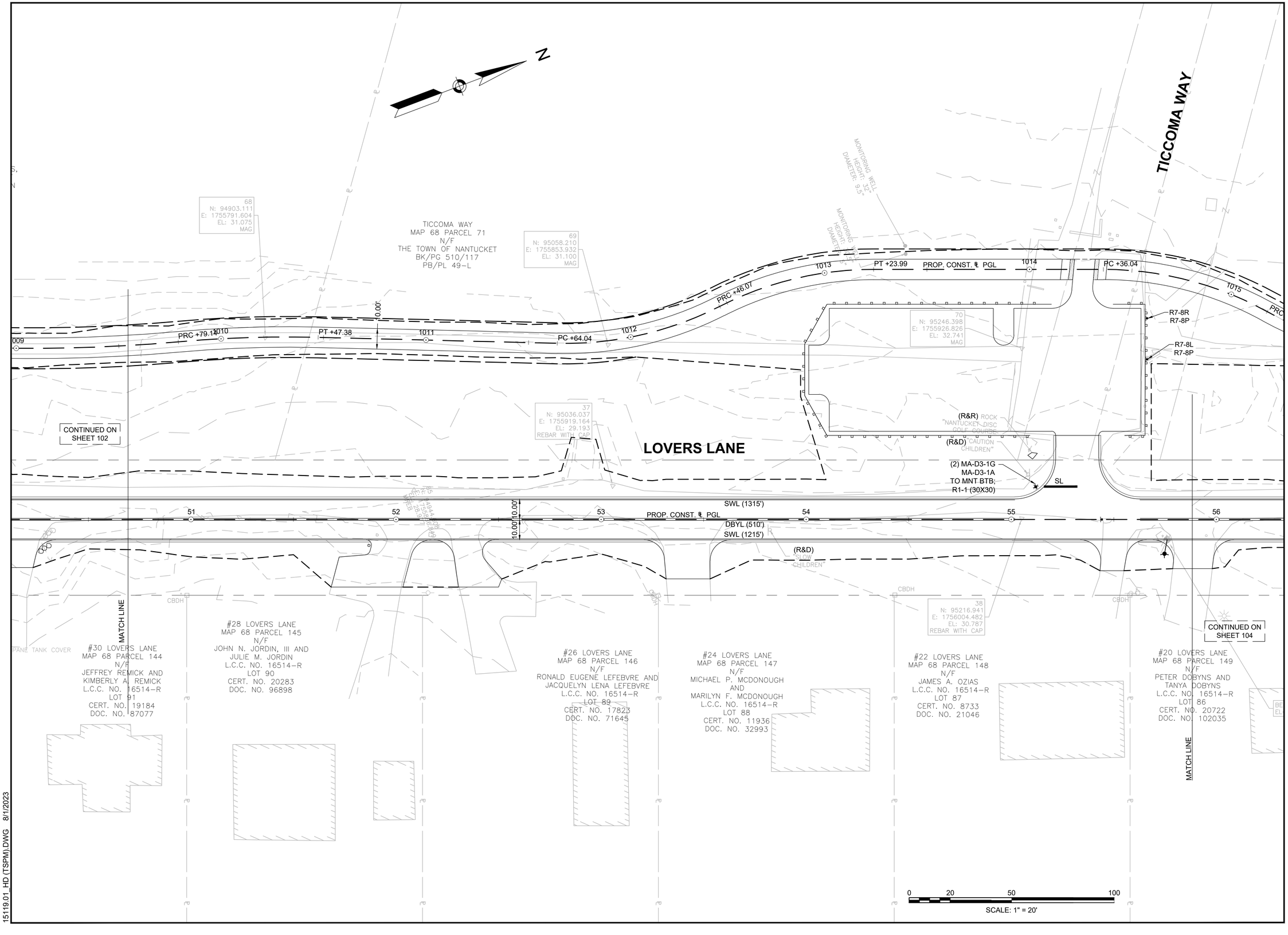
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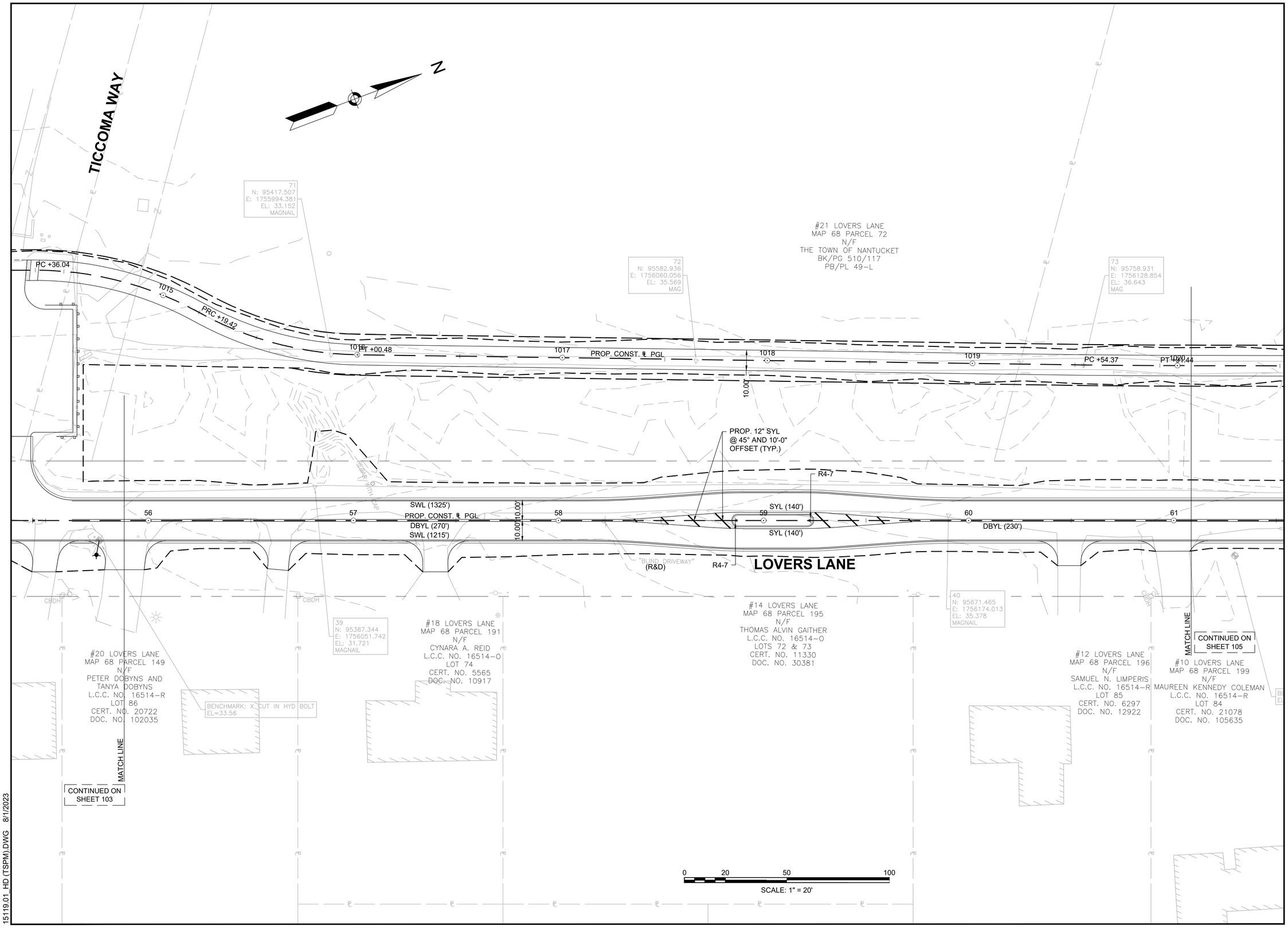
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SCALE: 1"=20'

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EMD	BAM

TRAFFIC SIGN & PAVEMENT MARKING PLANS

SCALE: 1"=20'

15119

104 OF 160

GPI Greenman-Pedersen, Inc.
Engineering & Construction Services
181 Ballardvale Street, Suite 202, Wilmington, MA 01887
Tel: (978) 570-2999 Fax: (978) 658-3044
http://www.gpinet.com

PREPARED FOR
TOWN OF NANTUCKET
16 BROAD STREET
NANTUCKET, MA 02554

SURFSIDE AREA TRANSPORTATION ENHANCEMENTS

LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MA 02554

REVISIONS		
NO.	REVISION	DATE

08/09/2023

DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

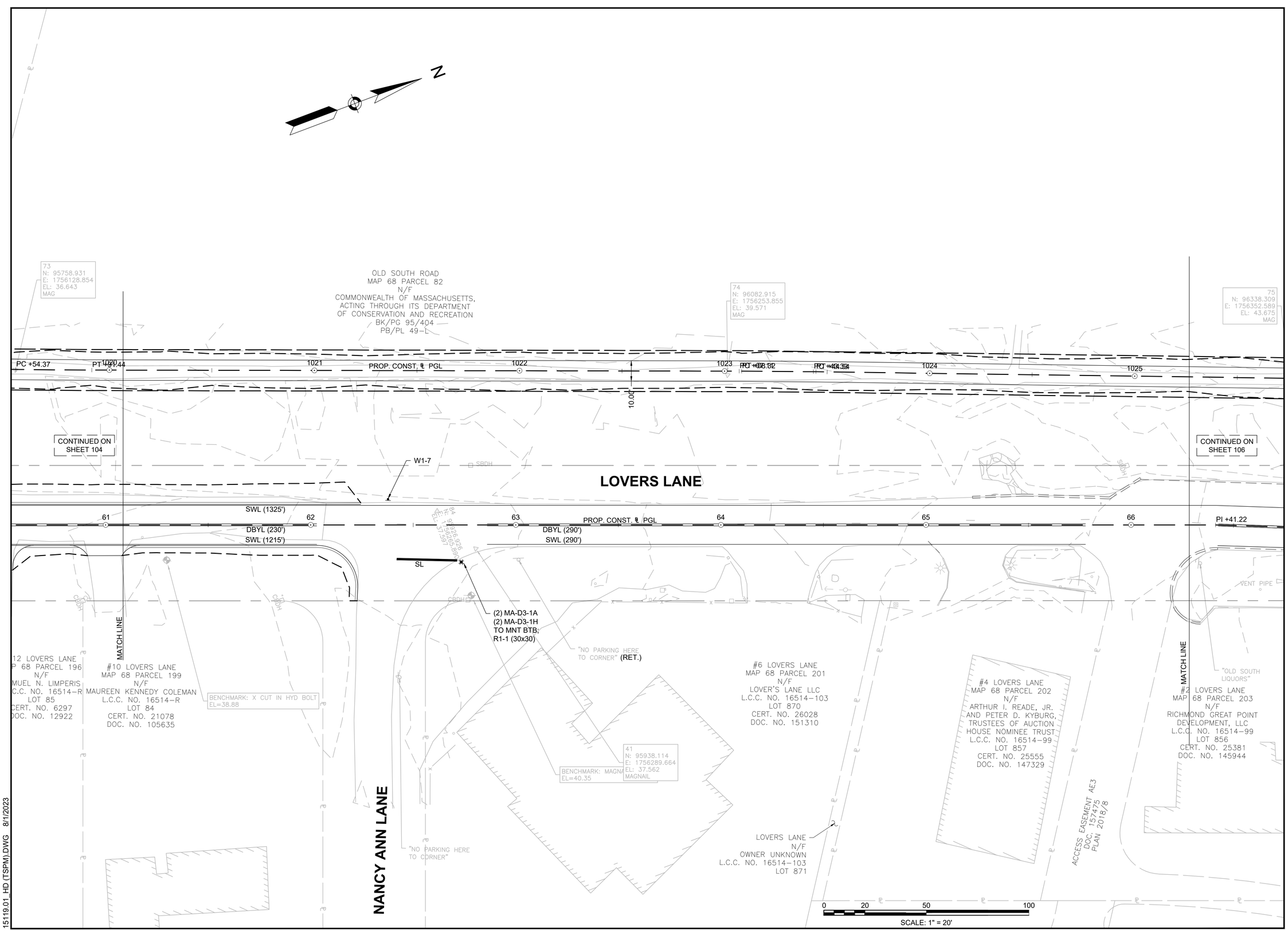
TRAFFIC SIGN & PAVEMENT MARKING PLANS

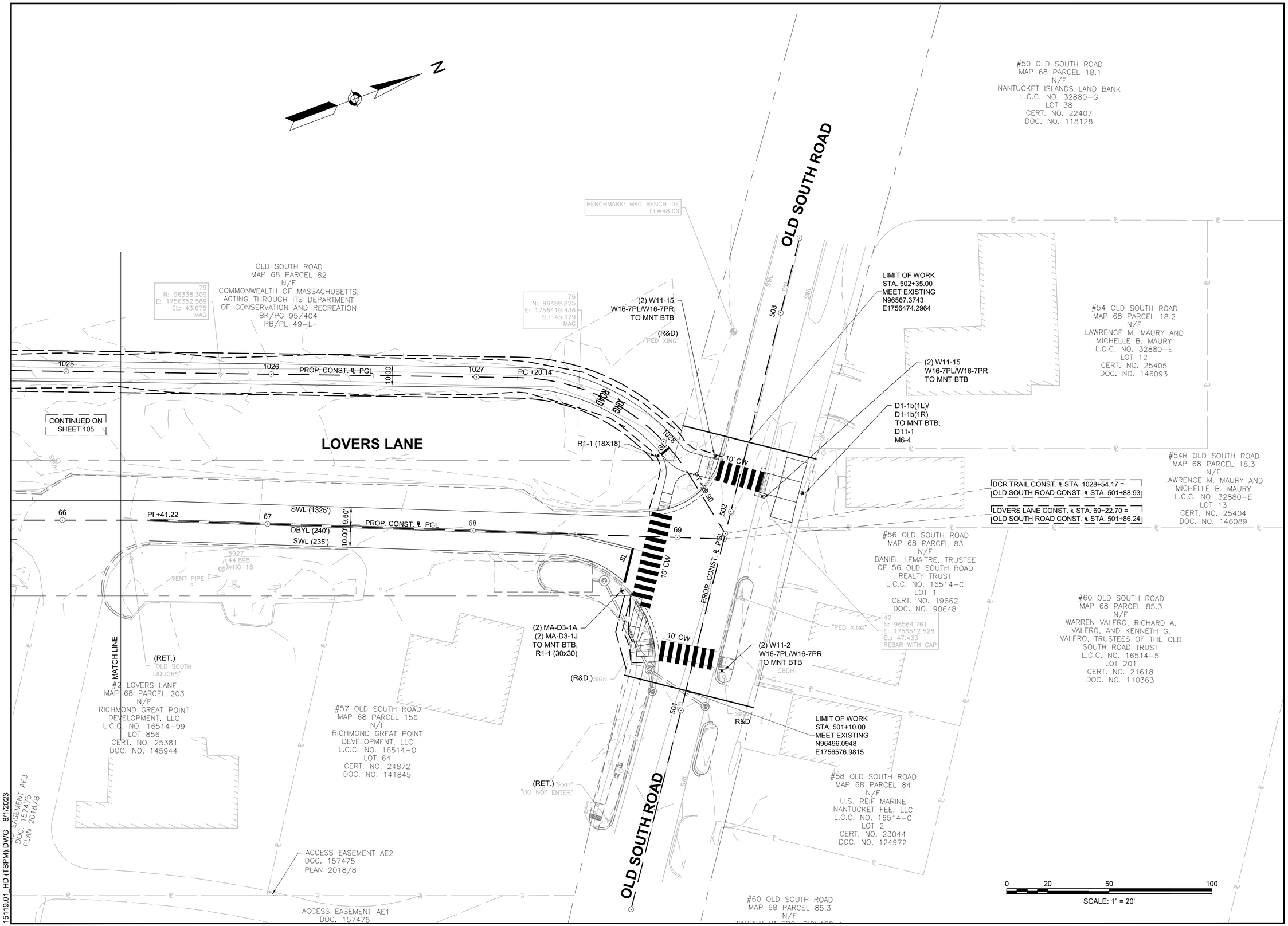
SCALE: 1"=20'

15119

105 OF 160

15119.01_HD (TSPM).DWG 8/1/2023





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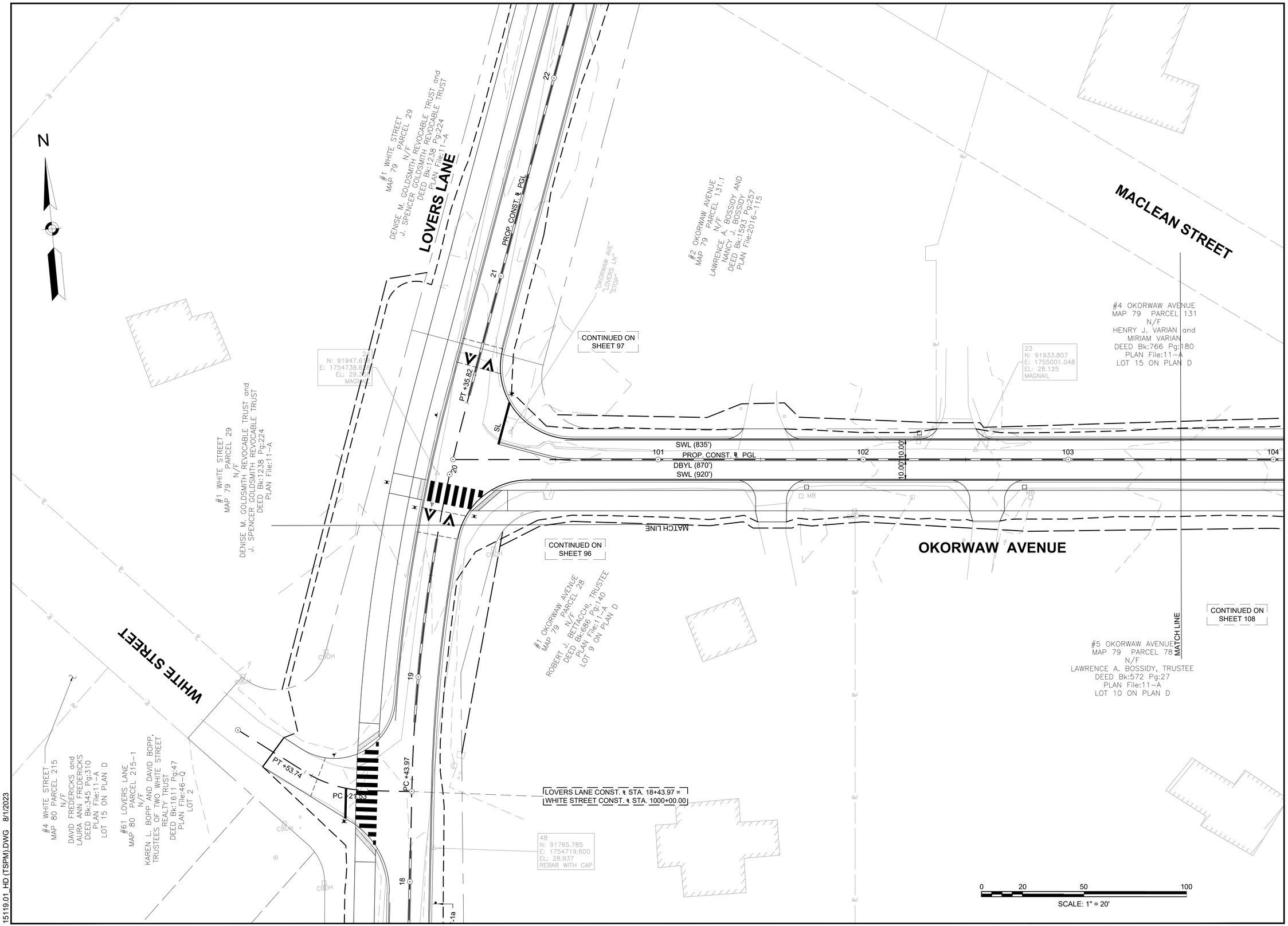
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TRAFFIC SIGN & PAVEMENT MARKING PLANS

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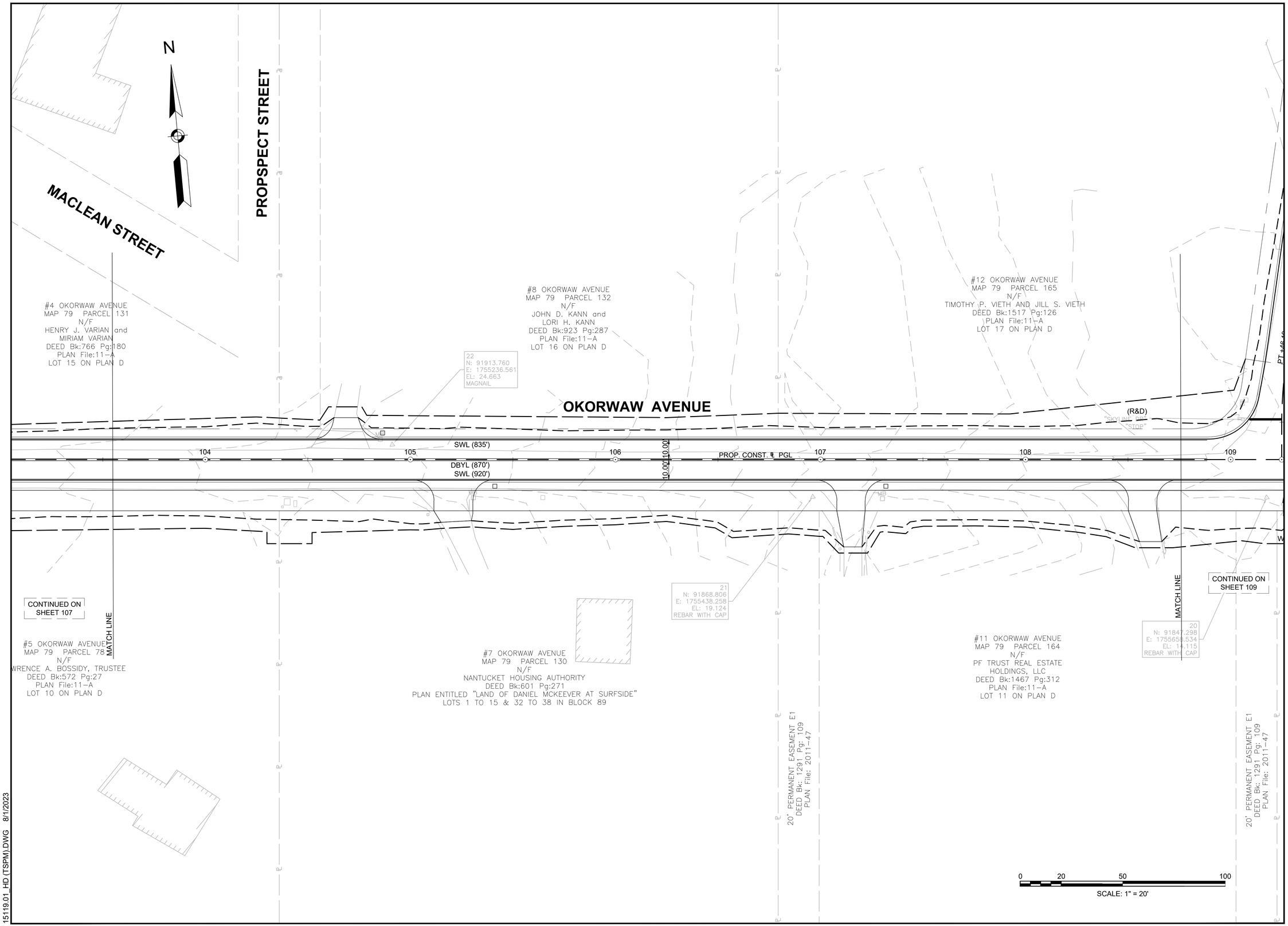
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SCALE: 1"=20'

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TRAFFIC SIGN & PAVEMENT MARKING PLANS

SCALE: 1"=20'

15119

N

4002

POST

MB

PROP. CONST. ℄

LIMIT OF WORK
STA. 4001+38.00
MEET EXISTING

4001

SKYLINE DRIVE

CONTINUED ON
SHEET 108

(2) MA-D3-1D
(2) MA-D3-1K
TO MNT BTB;
R1-1 (30x30)

PT +46.19

PC +18.27

SL

"SKYLINE DR"
"STOP"

#1 SKYLINE DRIVE
MAP 79 PARCEL 166
N/F
SUZANNE M. DAUB REVOCABLE TRUST–2020
DEED Bk:1785 Pg:305
PLAN File:11–A
LOT 18 ON PLAN D

#22 OKORWAW AVENUE
MAP 79 PARCEL 167
N/F
DOUGLAS NIGEN, TRUSTEE OF THE
DOUGLAS L. NIGEN REVOCABLE TRUST
DEED Bk:1572 Pg:290
PLAN File:42–I
LOT 1

CONTINUED ON
SHEET 110

OKORWAW AVENUE CONST. ℄ STA. 109+24.93 =
SKYLINE DRIVE CONST. ℄ STA. 4000+00.00

(2) W11-15
W16-7PL/W16-7PR
TO MNT BTB

OKORWAW AVENUE

109 110 111 112 113 114

PROP. CONST. ℄ PGL

10'CW

10.00 10.00

SWL (2735')
DBYL (1375')
SWL (1370')

W1-7

(2) W11-15
W16-7PL/W16-7PR
TO MNT BTB

D11-1
M6-4

MATCH LINE

20
N: 91847.298
E: 1755656.534
EL: 14.115
REBAR WITH CAP

19
N: 91824.686
E: 1755873.211
EL: 17.989
REBAR WITH CAP

#17 OKORWAW AVENUE
MAP 79 PARCEL 180
N/F
17 OKORWAW LLC
DEED Bk:1636 Pg:135
PLAN Bk:2 Pg:61
BLOCK 99
PLAN File: 2011–47

#21 OKORWAW AVENUE
MAP 79 PARCEL 181
N/F
PATRICK W. TAAFFE and
CAROL A. MUEHLING
DEED Bk:407 Pg:125
PLAN File:42–D
LOT 1

MATCH LINE

20' PERMANENT EASEMENT E1
DEED Bk: 1291 Pg: 109
PLAN File: 2011–47

N/F
PATRICK W. TAAFFE AND CAROL A. MUEHLING
DEED Bk: 1372 Pg: 31
PLAN File: 2011–47

N/F
PATRICK W. TAAFFE AND CAROL A. MUEHLING
DEED Bk: 1372 Pg: 31
PLAN File: 2011–47

N/F
TOWN OF NANTUCKET (BOARD OF SELECTMEN)
DEED Bk: 1291 Pg: 109
PLAN File: 2011–47

0 20 50 100
SCALE: 1" = 20'

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TRAFFIC SIGN & PAVEMENT MARKING PLANS

SCALE: 1"=20'

15119

N

NUE
67

OF THE
BLE TRUST
90

CONTINUED ON SHEET 109

#26 OKORWAW AVENUE
MAP 79 PARCEL 168
N/F
ROGERS W. CABOT, JR.
DEED Bk:469 Pg:337
PLAN File:11-A
LOT 19 ON PLAN D

18
N: 91815.330
E: 1756230.272
EL: 22.757
REBAR WITH CAP

METAL ART STRUCTURE

#30 OKORWAW AVENUE
MAP 79 PARCEL 169
N/F
WILLARD W. BROWN, JR. ET. AL. TRUST
DEED Bk:648 Pg:236
PLAN File:11-A
LOT 20 ON PLAN D

#36 OKORWAW AVENUE
MAP 79 PARCEL 170
N/F
DEVA, LLC
DEED Bk:1597 Pg:249
PLAN File:11-A
LOT 21 ON PLAN D

CONTINUED ON SHEET 111

OKORWAW AVENUE

(R&D)

CBDH

SWL (2735')
DBYL (1375')
SWL (1370')

10.00' 10.00'

114 115 116 117 PROP. CONST. ℄ PGL 118 119

ORWAW AVENUE
PARCEL 181
N/F
W. TAAFFE and
A. MUEHLING
Bk:407 Pg:125
N File:42-D
LOT 1

MATCH LINE

N/F
PATRICK W. TAAFFE AND CAROL A. MUEHLING
DEED Bk: 1372 Pg: 31
PLAN File: 2011-47

N/F
TOWN OF NANTUCKET (BOARD OF SELECTMEN)
DEED Bk: 1291 Pg: 109
PLAN File: 2011-47

#25 OKORWAW AVENUE
MAP 79 PARCEL 174
N/F
WHITNEY A. GIFFORD, TRUSTEE
DEED Bk:764 Pg:145
PLAN Bk:2 Pg:61
BLOCK 113

N/F
TOWN OF NANTUCKET (BOARD OF SELECTMEN)
DEED Bk: 1291 Pg: 109
PLAN File: 2011-47

20' PERMANENT EASEMENT E2
DEED Bk: 1291 Pg: 109
PLAN File: 2011-47

#31 OKORWAW AVENUE
MAP 79 PARCEL 153
N/F
JANET S. ANDERSON AND
DUNCAN M. ANDERSON, TRUSTEES
OF MS B'HAVEN NOMINEE TRUST
DEED Bk:1360 Pg:316
PLAN File:11-A
LOT 12 ON PLAN D

17
N: 91759.980
E: 1756591.936
EL: 17.654
REBAR WITH CAP

20' PERMANENT EASEMENT E2
DEED Bk: 1291 Pg: 109
PLAN File: 2011-47

N/F
HOWARD D. NAIR, TRUSTEE
DEED Bk: 472 Pg: 183
PLAN File: 11-A

MATCH LINE

#33 OKORWAW AVENUE
MAP 79 PARCEL 152.1
N/F
N6 CAPITOL LLC
DEED Bk:1743 Pg:165
PLAN File:2014-112

0 20 50 100
SCALE: 1" = 20'

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TRAFFIC SIGN & PAVEMENT MARKING PLANS

SCALE: 1"=20'

15119

N

#42 OKORWAW AVENUE
MAP 79 PARCEL 171
N/F
ROBERT D. ORLANDI, TRUSTEE OF
THE ROBERT D. ORLANDI FAMILY
TRUST (½ INTEREST) AND
DEBORAH J. DUBUOIS, TRUSTEE OF
THE DEBORAH J. DUBOIS FAMILY
TRUST (½ INTEREST)
DEED Bk:1364 Pg:139
PLAN File:11-A
LOT 22 ON PLAN D

#36 OKORWAW AVENUE
MAP 79 PARCEL 170
N/F
DEVA, LLC
DEED Bk:1597 Pg:249
PLAN File:11-A
LOT 21 ON PLAN D

CONTINUED ON SHEET 110

OKORWAW AVENUE

CONTINUED ON SHEET 112

RIGHT ARROW "20 MPH"

119 120 121 122 123 124

SWL (2735')
DBYL (1375')
SWL (1370')
10.00' 10.00'

PROP. CONST. ℄ PGL

201 PI +04.01

PI +57.62

202

203

200

CBDH

POST

15
N: 91711.388
E: 1757078.760
EL: 27.519
MAG

16
N: 91737.821
E: 1756821.760
EL: 23.258
REBAR WITH CAP

"STOP"
"MONOHASSET RD"
"OKORWAW AVE"

"DEAD END"

BENCHMARK: SQUARE CUT IN CONC BASE
EL=27.65

MATCH LINE

MATCH LINE

#33 OKORWAW AVENUE
MAP 79 PARCEL 152.1
N/F
N6 CAPITOL LLC
DEED Bk:1743 Pg:165
PLAN File:2014-112

#41 OKORWAW AVENUE
MAP 79 PARCEL 151
N/F
ROBERT A. LARRABEE and
ELIZABETH LARRABEE
DEED Bk:195 Pg:187
PLAN File:11-A
LOT 14 ON PLAN D

#5 MONOHANSETT ROAD
MAP 79 PARCEL 150
N/F
HARRIS ON MONOHANSETT, LLC
DEED Bk:1630 Pg:67
PLAN File: 2012-40

N/F
HOWARD D. NAIR, TRUSTEE
DEED Bk: 472 Pg: 183
PLAN File: 11-A

N/F
HOWARD D. NAIR, TRUSTEE
DEED Bk: 472 Pg: 183
PLAN File: 11-A

20' PER EASEMENT E2
DEED Pg: 109
PLAN 011-47

59,980
6591,936
654
WITH CAP

0 20 50 100
SCALE: 1" = 20'

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LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MA 02554

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NO.	REVISION	DATE

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EMD	BAM

TRAFFIC SIGN & PAVEMENT MARKING PLANS

SCALE: 1"=20'

15119

#41 OKORWAW AVENUE
MAP 79 PARCEL 151
N/F
ROBERT A. LARRABEE and
ELIZABETH LARRABEE
DEED Bk:195 Pg:187
PLAN File:11-A
LOT 14 ON PLAN D

#42 OKORWAW AVENUE
MAP 79 PARCEL 171
N/F
ROBERT D. ORLANDI, TRUSTEE OF
THE ROBERT D. ORLANDI FAMILY
TRUST (½ INTEREST) AND
DEBORAH J. DUBUOIS, TRUSTEE OF
THE DEBORAH J. DUBOIS FAMILY
TRUST (½ INTEREST)
DEED Bk:1364 Pg:139
PLAN File:11-A
LOT 22 ON PLAN D

OKORWAW AVENUE

PROP. CONST. ℄ PGL

122

123

SWL (2735')

DBYL (1325')
SWL (1370')

10.00 10.00

MATCH LINE

CONTINUED ON SHEET 111

(R&D) "STOP" "MONOHASSET RD." "OKORWAW AVE."

R1-1 (30x30)
R1-3P

(2) MA-D1-3D
(2) MA-D1-3L
TO MNT BTB;
R1-1 (30x30)
R1-3P

W14-1

MONOHANSETT ROAD

MONOHANSETT ROAD

SL

PROP. CONST. ℄ PGL

SWL (2735')

DBYL (1365')
SWL (1415')

10.00 10.00

200

201 PI +04.01

PI +57.62

202

PROP. CONST. ℄ PGL

203

204

PC +19.40

205

10' CW

10' CW

SL

SL

SL

MB

MB

LIMIT OF WORK
STA. 200+00.00
MEET EXISTING

"DEAD END" (RET.)

W14-1

124

(R&D) "SPEED HUMP AHEAD" "20 MPH"

R1-1 (30x30)
R1-3p

R1-1 (30X30)
R1-3p

OKORWAW AVENUE CONST. ℄ STA. 123+57.62 = ℄
MONOHANSETT ROAD CONST. ℄ STA. 201+04.40

#5 MONOHANSETT ROAD
MAP 79 PARCEL 150
N/F
HARRIS ON MONOHANSETT, LLC
DEED Bk:1630 Pg:67
PLAN File: 2012-40

#7 MONOHANSETT ROAD
MAP 79 PARCEL 172
N/F
S. JONES REALTY TRUST
DEED Bk:1576 Pg:83
PLAN File:11-A
LOT 23 ON PLAN D

CONTINUED ON SHEET 113

LIMIT OF WORK
STA. 124+55.00
MEET EXISTING

OKORWAW AVENUE

MATCH LINE

0 20 50 100

SCALE: 1" = 20'

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NANTUCKET, MA 02554

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TRAFFIC SIGN & PAVEMENT MARKING PLANS

SCALE: 1"=20'

15119

N

#10 MONOHANSETT ROAD
MAP 79 PARCEL142
N/F
REAL ESTATE GROWTH FUND, LLC
DEED Bk:1627 Pg:210
PLAN File:11-A
LOT 28 ON PLAN D

#16 MONOHANSETT ROAD
MAP 79 PARCEL 143
N/F
TODD W. WINSHIP, ELIZABETH W. WINSHIP AND
BESS W. CLARKE, TRUSTEES OF THE SIXTEEN
MONOHANSETT ROAD TRUST
DEED Bk:1503 Pg:322
PLAN File:11-A
LOT 29 ON PLAN D

13
N: 92234.211
E: 1757322.001
EL: 28.800
REBAR WITH CAP

#20 MONOHANSETT ROAD
MAP 79 PARCEL 144
N/F
SHARON W. JACOBSON
DEED Bk:369 Pg:166
PLAN File:11-A
LOT 30 ON PLAN D

(R&D)
LEFT ARROW
"20 MPH"

PT +41.42
208
PROP. CONST. ℄ PGL
209
210
MONOHANSETT ROAD
10.00'
10.00'
207
206
205
SWL (2735')
DBYL (1365')
SWL (1415')
CBDH
CBDH
MMB
MMB

N: 92182.848
E: 1757630.030
EL: 29.420
MAGNAIL

14
N: 92130.739
E: 1757144.557
EL: 27.417
REBAR WITH CAP

#46 OKORWAW AVENUE
AKA #11 MONOHANSETT ROAD
MAP 79 PARCEL 213
N/F
KATHERINE J. DERAS, LESSEE
DEED Bk:1236 Pg:168
PLAN Bk:2 Pg:61
BLOCK 144 (ALL LOTS)

MATCH LINE

CONTINUED ON
SHEET 114

#15 MONOHANSETT ROAD
MAP 79 PARCEL 148
N/F
JORDAN H. DORAN, TR.
DEED Bk:1305 Pg:316
PLAN File:11-A
LOT 24 ON PLAN D

MATCH LINE

CONTINUED ON
SHEET 112

PC +19.40

0 20 50 100
SCALE: 1" = 20'

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EMD	BAM

TRAFFIC SIGN & PAVEMENT MARKING PLANS

SCALE: 1"=20'

15119

N

#26 MONOHANSETT ROAD
MAP 79
PARCEL 145
N/F
DUNCAN F. WINTER
and
DELPHINE WINTER
DEED Bk:1093
Pg:229
PLAN File:11–A
LOT 31 ON PLAN D

#2 WEBSTER ROAD
MAP 79 PARCEL 146
N/F
JOHN L. HALLIWELL, TRUSTEE OF
THE JOHN L. HALLIWELL
REVOCABLE TRUST–1993
DEED Bk:1604 Pg:152
PLAN File:11–A
LOT 32 ON PLAN D

CONTINUED ON SHEET 113

MONOHANSETT ROAD

WEBSTER ROAD

LIMIT OF WORK
STA. 5000+50.37
MEET EXISTING

MONOHANSETT ROAD CONST. ℄ STA. 215+09.13 =
WEBSTER ROAD CONST. ℄ STA. 5000+00.00

PT +50.00

5001

(2) MA-D3-1L
(2) MA-D3-1M
TO MNT BTB;
R1-1 (30x30)

(R&S) "STOP"
"WEBSTER RD"

"SPEED BUMP AHEAD"

(2) W11-15
W16-7PL/W16-7PR
TO MNT BTB

78
N: 92178.003
E: 1757965.383
EL: 27.363
MAG

SL

PC +19.70

210 211 212 213 214 215 216

PROP. CONST. ℄ PGL

10.00' 10.00'

PC +61.11

SWL (2735')
DBYL (1365')
SWL (1415')

W1-7

DBYL (2255')

W10-1

(2) W11-15
W16-7PL/W16-7PR
TO MNT BTB

D1-11
M6-4

CONTINUED ON SHEET 115

MATCH LINE

MATCH LINE

#25 MONOHANSETT ROAD
MAP 79 PARCEL 112
N/F
DAVID P. MACKAY AND ANNE
M. PHANEUF, TRUSTEES OF
MACKAY/PHANEUF FAMILY
TRUST–2018
CERT. #17375
L.C. PLAN 39913–A
LOT 2

#31 MONOHANSETT ROAD
MAP 79 PARCEL 62
N/F
RICHARD L. SHEEHAN and
MARY HUBER
DEED Bk:564 Pg:327
PLAN File:11–A
LOT 25 ON PLAN D

#15 MONOHANSETT ROAD
MAP 79 PARCEL 148
N/F
JORDAN H. DORAN, TR.
DEED Bk:1305 Pg:316
PLAN File:11–A
LOT 24 ON PLAN D

0 20 50 100
SCALE: 1" = 20'

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TRAFFIC SIGN & PAVEMENT MARKING PLANS

SCALE: 1"=20'

15119

N

WEBSTER ROAD

5001

PT +50.00

PC +19.70

215

216

217

218

219

220

221

"STOP" STER RD"

"SPEED BUMP AHEAD"

CONTINUED ON SHEET 114

CONTINUED ON SHEET 116

MATCH LINE

MATCH LINE

MONOHANSETT ROAD

PROP. CONST. ℄ PGL

SWL (2240')

DBYL (2255')

SWL (2265')

100.00

100.00

#3 WEBSTER ROAD
AKA #34 MONOHANSETT ROAD
MAP 79 PARCEL 111
N/F
LEANNE A. BAKER
DEED Bk:637 Pg:129
PLAN File:11-A
LOT 33 ON PLAN D

3 WEBSTER ROAD
MAP 79 PARCEL 111
N/F
LEANNE A. BAKER
DEED Bk:637 Pg:129
PLAN File:11-A
LOT 34 ON PLAN D

#38 MONOHANSETT ROAD
MAP 79 PARCEL 60
N/F
LEANNE A. BAKER
DEED Bk:639 Pg:314
PLAN File:11-A
LOT 34 ON PLAN D

#31 MONOHANSETT ROAD
MAP 79 PARCEL 62
N/F
RICHARD L. SHEEHAN and
MARY HUBER
DEED Bk:564 Pg:327
PLAN File:11-A
LOT 25 ON PLAN D

MONOHANSETT ROAD
79 PARCEL 62
N/F
SHEEHAN and
HUBER
Pg:327
-A
D

MAP 79 PARCEL 62
N/F
TOWN OF NANTUCKET
(BOARD OF SELECTMEN)
DEED Bk: 1585 Pg:293
PLAN File: 2012-24

MAP 79 PARCEL 12
N/F
TOWN OF NANTUCKET
DEED Bk: 117 Pg: 551

10
N: 92184.335
E: 1758255.050
EL: 29.858
REBAR WITH CAP

9
N: 92329.309
E: 1758619.920
EL: 27.241
REBAR WITH CAP

0 20 50 100
SCALE: 1" = 20'

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PREPARED FOR
TOWN OF NANTUCKET
16 BROAD STREET
NANTUCKET, MA 02554

SURFSIDE AREA TRANSPORTATION ENHANCEMENTS

LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MA 02554

REVISIONS		
NO.	REVISION	DATE

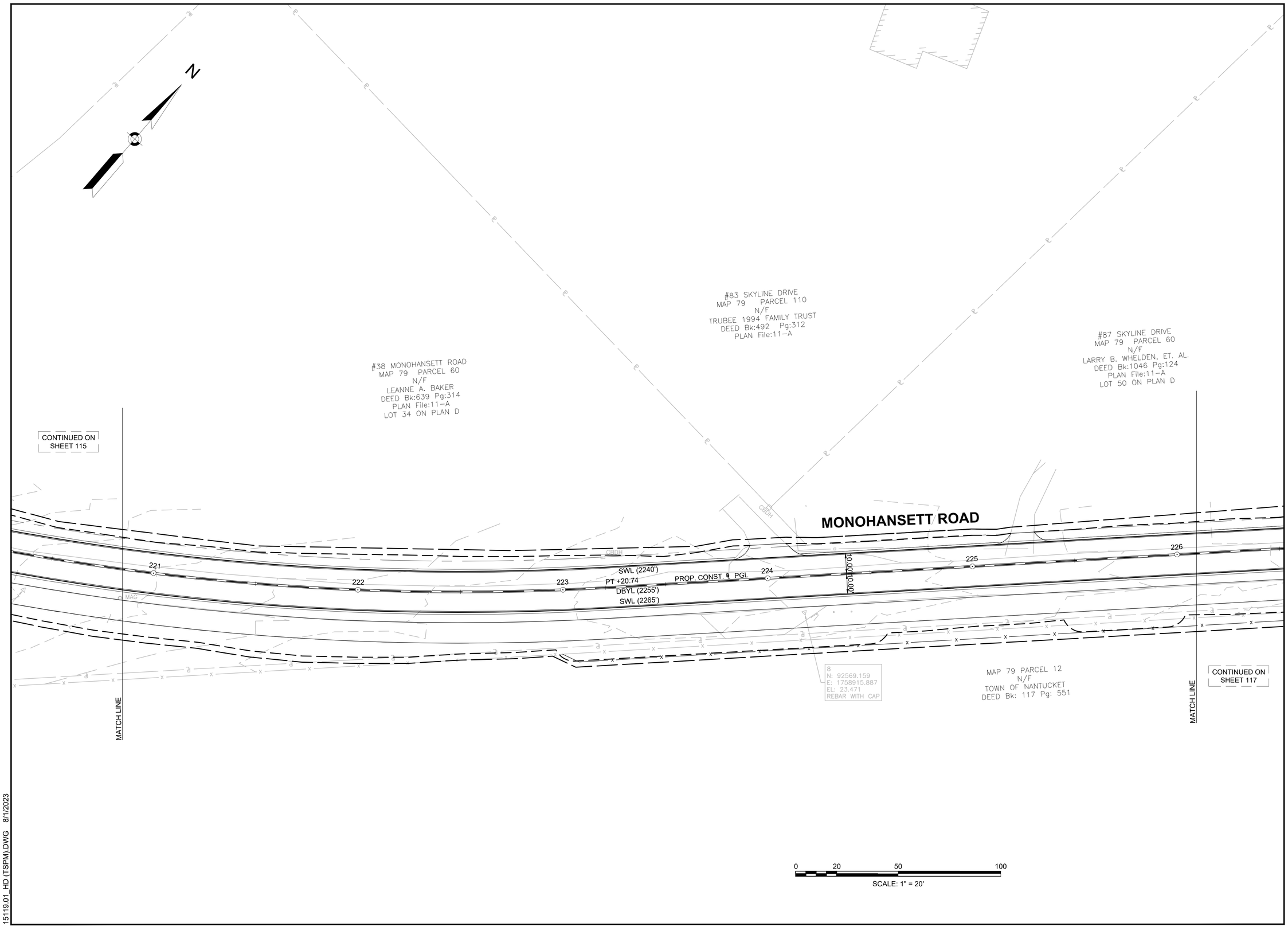
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EMD	BAM

TRAFFIC SIGN & PAVEMENT MARKING PLANS

SCALE: 1"=20'

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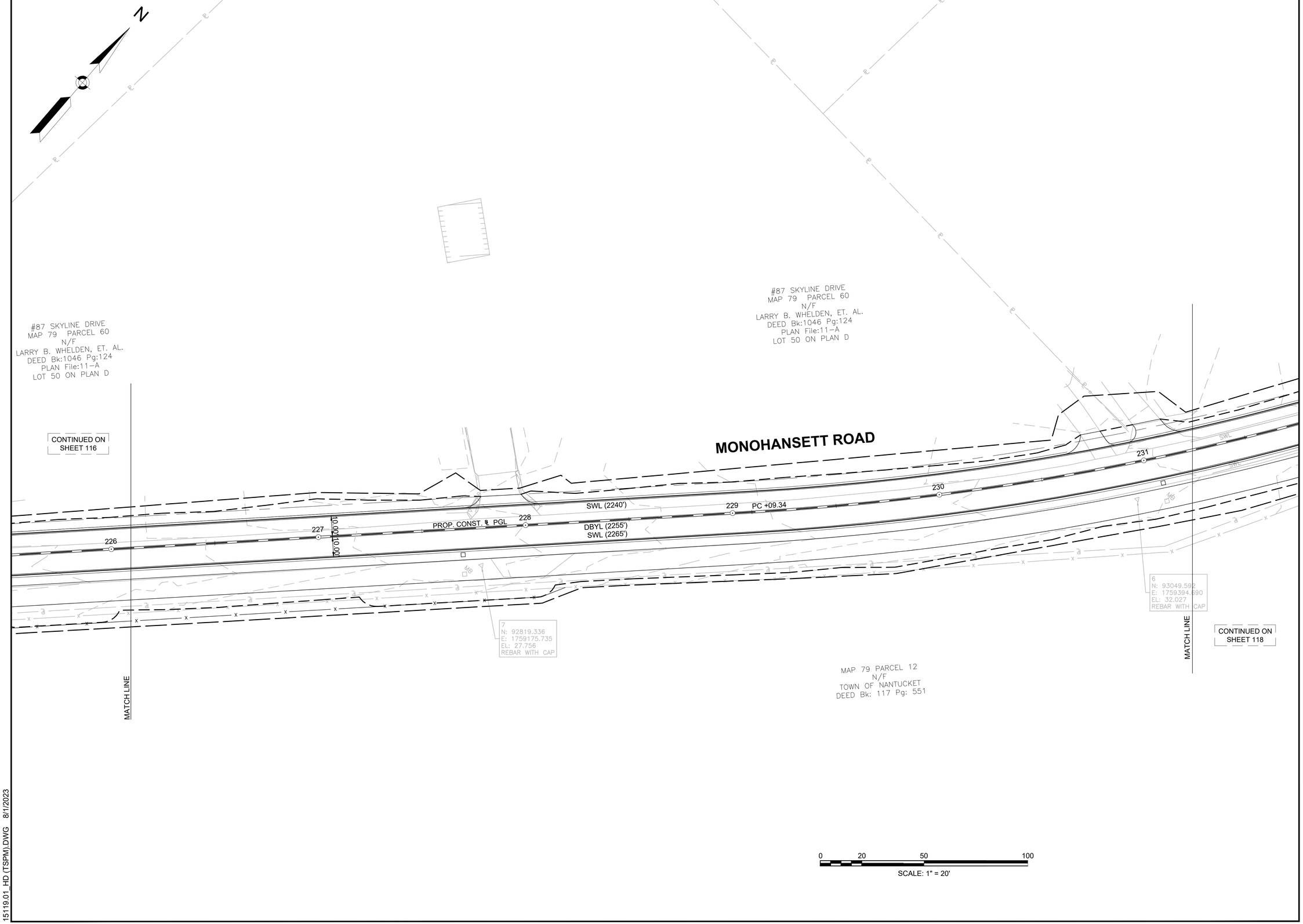
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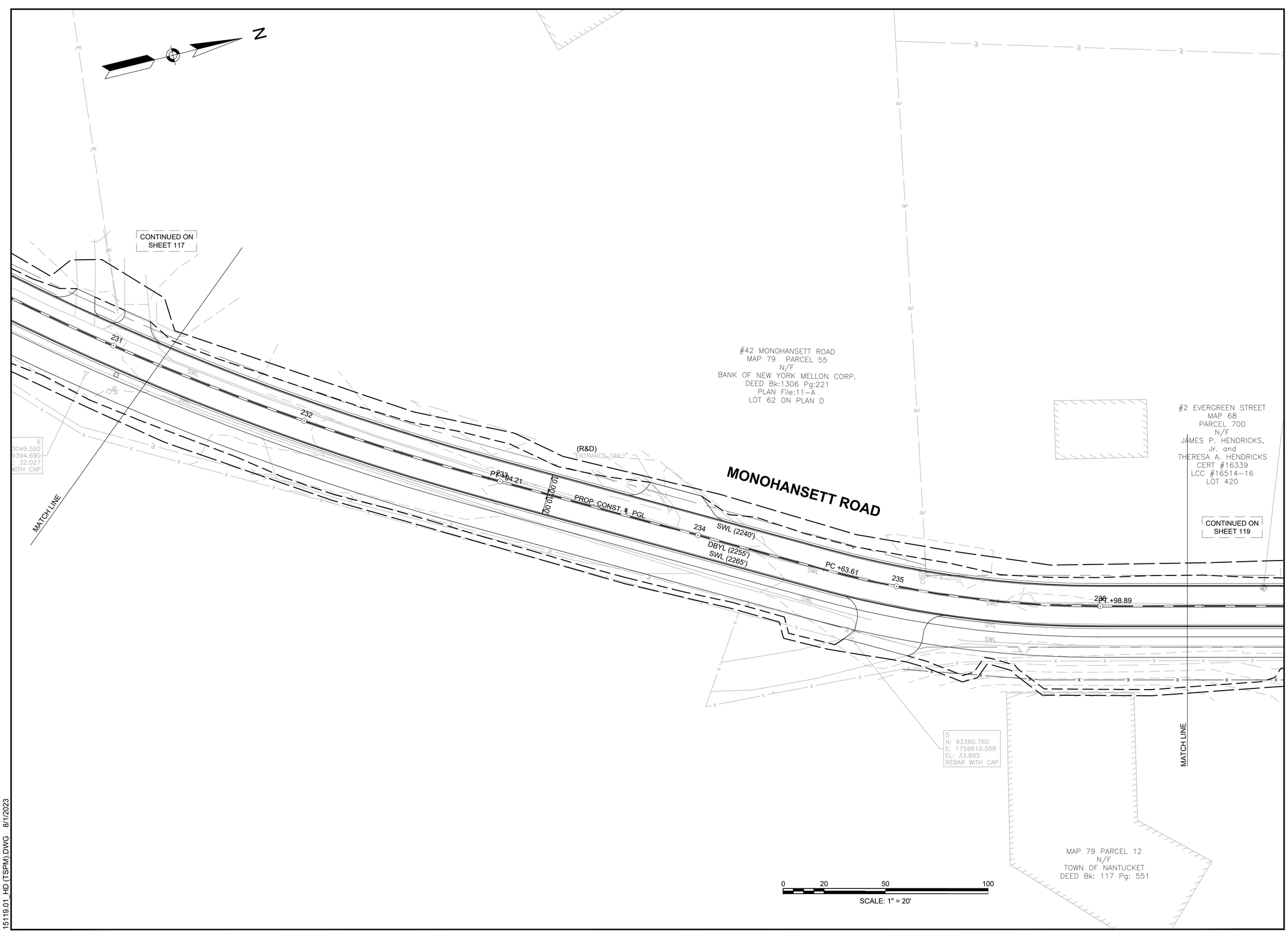
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TRAFFIC SIGN & PAVEMENT MARKING PLANS

SCALE: 1"=20'

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TRAFFIC SIGN & PAVEMENT MARKING PLANS

SCALE: 1"=20'

15119

N

#2 EVERGREEN STREET
MAP 68
PARCEL 700
N/F
JAMES P. HENDRICKS,
Jr. and
THERESA A. HENDRICKS
CERT #16339
LCC #16514-16
LOT 420

BENCHMARK: PUNCHMARK IN HYD BOLT
EL=35.82

CONTINUED ON
SHEET 118

(2) MA-D3-1L
(2) MA-D3-1N
TO MNT BTB;
R1-1 (30x30)

(2) W11-15
W16-7PL/W16-7PR
TO MNT BTB

(R&D)
"EVERGREEN WAY"

EVERGREEN WAY

LIMIT OF WORK
MEET EXISTING

#1 EVERGREEN WAY
MAP 68 PARCEL 727
N/F
RICHARD A. VALERO AND
GALE L. VALERO
L.C.C. NO. 16514-16
LOT 447
CERT. NO. 25153
DOC. NO. 143935

(R&D)
"THICKLY SETTLED
DISTRICT 25 MPH"

MONOHANSETT ROAD

(2) MA-D3-1P
TO MNT BTB

SL

AIRPORT ROAD

SWL (2240')
DBYL (2255')
SWL (2265')

SWL (380')
DBYL (385')
SWL (410')

10.00
10.00

10 CW

236 PI +98.89
237
238
239
PROP. CONST. ℄ PGL
240
PI +46.97
241

SWL
DBYL

D11-1
M6-4

W1-7

(2) W11-15
W16-7PL/W16-7PR
TO MNT BTB

4
N: 93725.856
E: 1759701.429
EL: 35.418
MAGNAIL

3
N: 93983.860
E: 1759762.142
EL: 36.255
REBAR WITH CAP

"ONE WAY"

"DO

(R&D)
"STOP"

MATCH LINE

CONTINUED ON
SHEET 120

MATCH LINE

MAP 79 PARCEL 12
N/F
TOWN OF NANTUCKET
DEED Bk: 117 Pg: 551

MAP 79 PARCEL 12
N/F
TOWN OF NANTUCKET
DEED Bk: 117 Pg: 551

(R&S)
"GATE 35
ENTER HERE"

0 20 50 100
SCALE: 1" = 20'

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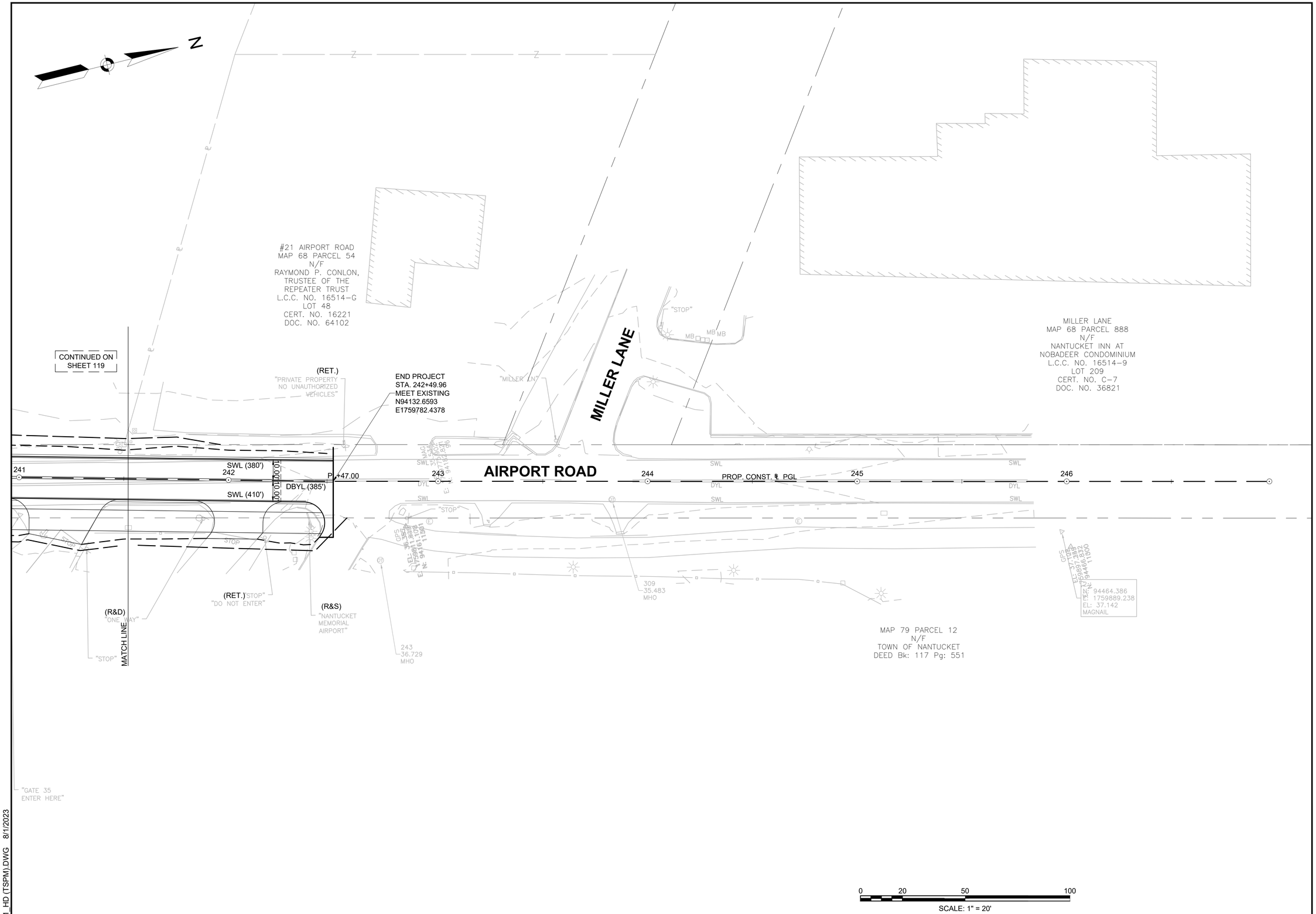
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TRAFFIC SIGN & PAVEMENT MARKING PLANS

SCALE: 1"=20'

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TRAFFIC SIGN & PAVEMENT MARKING PLANS

SCALE: 1"=20'

15119

IDENTIFICATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)		NUMBER OF SIGNS REQUIRED	COLOR			4X4 POST NUMBER REQUIRED	UNIT AREA IN SQUARE FEET	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING		BACK-GROUND	LEGEND	BORDER			
R1-1(30)	30"	30"	STOP	MUTCD STANDARD		15	RED	WHITE	WHITE	4 REQ'D; 7 w/MA-D3-1a; 2 w/MA-D3-1d; 1 w/MA-D3-1L; 1 w/MA-D3-1N(L)	6.25	93.75
R1-1(18)	18"	18"	STOP	MUTCD STANDARD		1	RED	WHITE	WHITE	1 REQ'D	2.25	2.25
R1-3P	18"	6"	ALL WAY	MUTCD STANDARD		4	RED	WHITE	WHITE	MNT. W/ R1-1 (30 x 30)	0.75	3.00
R2-1	24"	30"	SPEED LIMIT 20	MUTCD STANDARD		1	WHITE	BLACK	BLACK	1 REQ'D	5.00	5.00
R4-7	24"	30"		MUTCD STANDARD		4	WHITE	BLACK	BLACK	2 REQ'D	5.00	20.00
R7-8L	12"	18"	RESERVED PARKING	MUTCD STANDARD		1	WHITE	GREEN/ WHITE SYMBOL ON BLUE	GREEN	1 REQ'D	1.50	1.50
R7-8R	12"	18"	RESERVED PARKING	MUTCD STANDARD		1	WHITE	GREEN/ WHITE SYMBOL ON BLUE	GREEN	1 REQ'D	1.50	1.50
R7-8P	18"	9"	VAN ACCESSIBLE	MUTCD STANDARD		2	WHITE	GREEN	GREEN	1 MNT. BTB W/ R7-8L/R	1.13	2.25
W1-7	48"	24"		MUTCD STANDARD		7	YELLOW	BLACK	BLACK	14 REQ'D (2 PER SIGN)	8.00	56.00
W5-1	30"	30"	ROAD NARROWS	MUTCD STANDARD		1	YELLOW	BLACK	BLACK	1 REQ'D	6.25	6.25
W11-2	30"	30"		MUTCD STANDARD		4	WHITE	BLACK	BLACK	2 REQ'D (2 TO MNT BTB)	6.25	25.00
W11-15	30"	30"		MUTCD STANDARD		20	FLOURE-SCENT YELLOW/ GREEN	BLACK	BLACK	10 REQ'D (2 TO MNT BTB)	6.25	125.00
W14-1	30"	30"	DEAD END	MUTCD STANDARD		3	YELLOW	BLACK	BLACK	3 REQ'D	6.25	18.75
W16-7PL	24"	12"		MUTCD STANDARD		12	FLOURE-SCENT YELLOW/ GREEN	BLACK	BLACK	10 MNT W/ W11-15; 2 MNT W/ W11-2	2.00	24.00
W16-7PR	24"	12"		MUTCD STANDARD		12	FLUORE-SCENT YELLOW/ GREEN	BLACK	BLACK	10 MNT W/ W11-15; 2 MNT W/ W11-2	2.00	24.00
W17-1a	30"	30"	RAISED INTERSECTION AHEAD	4" C 2" SPACING 4" C 2" SPACING 4" C		4	YELLOW	BLACK	BLACK	4 REQ'D	6.25	25.00

IDENTIFICATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)		NUMBER OF SIGNS REQUIRED	COLOR			4X4 POST NUMBER REQUIRED	UNIT AREA IN SQUARE FEET	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING		BACK-GROUND	LEGEND	BORDER			
M6-4	12	9		MUTCD STANDARD		6	GREEN	WHITE	WHITE	3 W/ D11-1; 2 W/ D1-1b(1L) 1 W/ D1-1b(2L)	0.75	4.50
D1-1b(1L)	30"	6"	Lovers Lane	MUTCD STANDARD		2	GREEN	WHITE	WHITE	3	1.25	2.50
D1-1b(1R)	30"	6"	Lovers Lane	MUTCD STANDARD		2	GREEN	WHITE	WHITE	1 REQ'D (W/ 2 SIGNS TO MNT BTB)	1.25	2.50
D1-1b(1L)	30"	6"	Okorwaw Ave	MUTCD STANDARD		2	GREEN	WHITE	WHITE	1 REQ'D	1.25	2.50
D1-1b(1R)	30"	6"	Okorwaw Ave	MUTCD STANDARD		2	GREEN	WHITE	WHITE	MNT W/ D1-1b(2L)	1.25	2.50
D11-1	24	18	BIKE ROUTE	MUTCD STANDARD		6	GREEN	WHITE	WHITE	3 REQ'D; 2 W/ D1-1b(1L) 1 W/ D1-1b(2L)	3.00	18.00
MA-D3-1A	To Be Provided By Town		Lovers Ln	To Be Provided By Town		16	To Be Provided By Town			8 REQ'D (W/ 2 SIGNS TO MNT BTB)	--	--
MA-D3-1B	To Be Provided By Town		Boulevarde	To Be Provided By Town		2	To Be Provided By Town			2 MNT. BTB W/ D3-1A	--	--
MA-D3-1C	To Be Provided By Town		White St	To Be Provided By Town		2	To Be Provided By Town			2 MNT. BTB W/ D3-1A	--	--
MA-D3-1D	To Be Provided By Town		Okorwaw Ave	To Be Provided By Town		6	To Be Provided By Town			1 REQ'D; MNT BTB W/ MA-D3-1A; MNT BTB W/MA-D3-1L	--	--
MA-D3-1E	To Be Provided By Town		Rugged Rd	To Be Provided By Town		2	To Be Provided By Town			MNT BTB W/ MA-D3-1A	--	--
MA-D3-1F	To Be Provided By Town		Davkim Ln	To Be Provided By Town		2	To Be Provided By Town			MNT BTB W/ MA-D3-1A	--	--
MA-D3-1G	To Be Provided By Town		Ticcoma Way	To Be Provided By Town		2	To Be Provided By Town			MNT BTB W/ MA-D3-1A	--	--
MA-D3-1H	To Be Provided By Town		Nancy Ann Ln	To Be Provided By Town		2	To Be Provided By Town			MNT BTB W/ MA-D3-1A	--	--
MA-D3-1J	To Be Provided By Town		Old South Rd	To Be Provided By Town		2	To Be Provided By Town			MNT BTB W/ MA-D3-1A	--	--
MA-D3-1K	To Be Provided By Town		Skyline Dr	To Be Provided By Town		2	To Be Provided By Town			MNT BTB W/ MA-D3-1A	--	--
MA-D3-1L	To Be Provided By Town		Monohansett Rd	To Be Provided By Town		6	To Be Provided By Town			3 REQ'D (W/ 2 SIGNS TO MNT BTB)	--	--
MA-D3-1M	To Be Provided By Town		Webster Rd	To Be Provided By Town		2	To Be Provided By Town			MNT BTB W/ MA-D3-1A	--	--
MA-D3-1N	To Be Provided By Town		Evergreen Way	To Be Provided By Town		2	To Be Provided By Town			MNT BTB W/ MA-D3-1A	--	--
MA-D3-1P	To Be Provided By Town		Airport Rd	To Be Provided By Town		2	To Be Provided By Town			1 REQ'D (W/ 2 SIGNS TO MNT BTB)	--	--

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NANTUCKET, MA 02554

REVISIONS

NO.	REVISION	DATE

08/09/2023

DRAWN/DESIGN BY: CPD
CHECKED BY: BAM

TRAFFIC SIGN SUMMARY SHEET

SCALE: N.T.S.

15119

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TRAFFIC MANAGEMNT NOTES:

1. 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.
2. ALL SIGN LEGENDS, BORDERS, AND MOUNTING SHALL BE IN ACCORDANCE WITH THE MUTCD.
3. TEMPORARY CONSTRUCTION SIGNING AND ALL OTHER TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF ANY WORK.
4. 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.
5. SIGNS AND SIGN SUPPORTS LOCATED ON OR NEAR THE TRAVELED WAY MUST PASS THE CRITERIA SET FORTH IN MASH "RECOMMENDED PROCEDURES FOR THE SAFETY PERFORMANCE EVALUATION OF HIGHWAY FEATURES." IF THEY DO NOT MEET THIS CRITERIA, THEY MUST BE REMOVED FROM THE PROJECT.
6. CONTRACTORS SHALL NOTIFY EACH ABUTTER 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.
7. THE FIRST FIVE PLASTIC DRUMS OF A TAPER SHALL BE MOUNTED WITH TYPE A LIGHTS.
8. THE ADVISORY SPEED LIMIT, IF REQUIRED, SHALL BE DETERMINED BY THE ENGINEER.
9. DISTANCES ARE A GUIDE AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
10. MAXIMUM SPACING OF TRAFFIC DEVICES IN A TAPER (DRUMS OR CONES) IS EQUAL IN FEET TO THE SPEED LIMIT IN MPH.
11. 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.
12. ALL SIGNS SHALL BE MOUNTED ON THEIR OWN STANDARD SIGN SUPPORTS.

LEGEND:

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

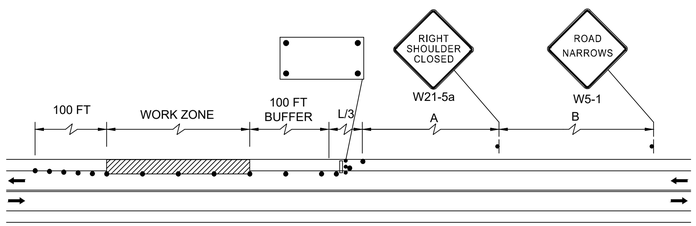
THE IDEAL CAPACITY OF A MAJOR HIGHWAY IS GENERALLY CONSIDERED TO BE 1900 PASSENGER CARS PER HOUR PER LANE (PCPHPL). IN WORK ZONES ON A MULTI-LANE DIVIDED HIGHWAY, THE FOLLOWING VOLUME GUIDELINES HAVE BEEN SUGGESTED:

MEASURED AVERAGE WORK ZONE CAPACITIES

NUMBER OF LANES		NUMBER OF STUDIES	AVERAGE CAPACITY	
NORMAL (EXISTING)	OPEN (TO TRAFFIC)		VPH	VPHPL
3	1	7	1,170	1,170
2	1	8	1,340	1,340
5	2	8	2,740	1,370
4	2	4	2,960	1,480
3	2	9	2,980	1,490
4	3	4	4,560	1,520

Source: Dudek, C., Notes on Work Zone Capacity and Level of Service. Texas Transportation Institute, Texas A&M University, College Station, Texas (1984)

BY OBTAINING HOURLY TRAFFIC COUNTS FOR A PARTICULAR ROADWAY (WITH A MINIMUM OF A 48-HOUR AUTOMATIC TRAFFIC RECORDER (ATR) COUNT), THIS WILL HELP TO DETERMINE AT WHAT TIMES OF THE DAY OR NIGHT A CERTAIN NUMBER OF LANES MAY BE CLOSED.



TWO LANE ROAD SHOULDER CLOSED
NOT TO SCALE

SUGGESTED WORK ZONE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS **		
	A	B	C
LOCAL OR LOW VOLUME ROADWAYS*	350 (100)	350 (100)	350 (100)
MOST OTHER ROADWAYS*	500 (150)	500 (150)	500 (150)
FREEWAYS AND EXPRESSWAYS*	1,000 (300)	1,500 (450)	2,640 (800)

* ROAD TYPE TO BE DETERMINED BY MASSDOT OFFICE OF TRANSPORTATION PLANNING.

** DISTANCES ARE SHOWN IN FEET (METERS). 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 TTCP 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.

R2-10a SIGNS SHALL BE PLACED BETWEEN THE SECOND AND THIRD SIGNS AS DESCRIBED ABOVE.

R2-10a, R2-10e, AND W20-1 SERIES SIGNS ARE TO BE INCLUDED ON ALL DETAILS/TYPICAL SETUPS.

Based on: Table 6C-1 MUTCD LATEST EDITION

STOPPING SIGHT DISTANCE AS A FUNCTION OF SPEED

SPEED* (km/h)	DISTANCE (m)
30	35
40	50
50	65
60	85
70	105
80	130
90	160
100	185
110	220
120	250

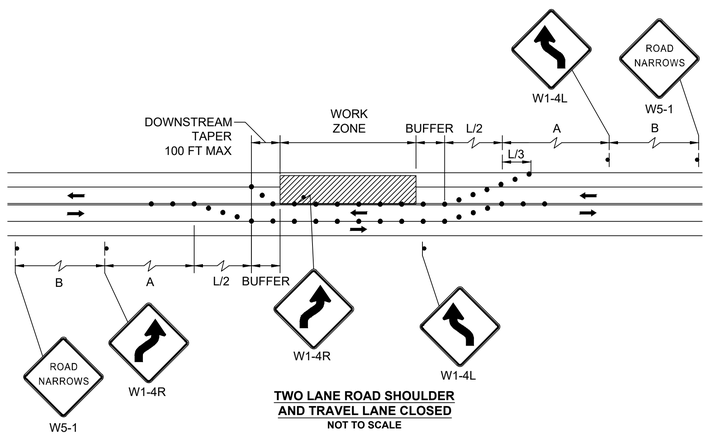
SPEED* (mph)	DISTANCE (ft)
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730
75	820

*POSTED SPEED, OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED

THESE VALUES MAY BE USED TO DETERMINE THE LENGTH OF LONGITUDINAL BUFFER SPACES.

THE DISTANCES IN THE ABOVE CHART REPRESENT THE MINIMAL VALUES FOR BUFFER SPACING.

Source: Table 6C-2 MUTCD LATEST EDITION



TWO LANE ROAD SHOULDER AND TRAVEL LANE CLOSED
NOT TO SCALE

CONVENTIONAL ROADWAY- A STREET OR HIGHWAY OTHER THAN A LOW-VOLUME ROAD, EXPRESSWAY, OR FREEWAY.

EXPRESSWAY- A DIVIDED HIGHWAY WITH PARTIAL CONTROL OF ACCESS.

FREEWAY- A DIVIDED HIGHWAY WITH FULL CONTROL OF ACCESS.

LOW-VOLUME ROAD- A FACILITY LYING OUTSIDE OF BUILT-UP AREAS OF CITIES, TOWNS, AND COMMUNITIES, AND IT SHALL HAVE A TRAFFIC VOLUME OF LESS THAN 400 AADT. IT SHALL NOT BE A FREEWAY, EXPRESSWAY, INTERCHANGE RAMP, FREEWAY SERVICE ROAD OR A ROAD ON A DESIGNATED STATE HIGHWAY SYSTEM.

Source: MUTCD LATEST EDITION

TAPER LENGTH CRITERIA FOR TEMPORARY TRAFFIC CONTROL ZONES

TYPE OF TAPER	TAPER LENGTH (L)*
MERGING TAPER	AT LEAST L
SHIFTING TAPER	AT LEAST 0.5L
SHOULDER TAPER	AT LEAST 0.33L
ONE-LANE, TWO-WAY TRAFFIC TAPER	50 FT MIN.(15 m) 100 FT(30 m) MAX.
DOWNSTREAM TAPER	50 FT MIN.(15 m) 100 FT MAX.(30 m) PER LANE

Source: Table 6C-3 MUTCD LATEST EDITION

FORMULAS FOR DETERMINING TAPER LENGTHS

SPEED LIMIT (S)	TAPER LENGTH (L) FEET
40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 MPH OR MORE	$L = WS$

SPEED LIMIT (S)	TAPER LENGTH (L) Meters
60 KM/H OR LESS	$L = \frac{WS^2}{155}$
70 KM/H OR MORE	$L = \frac{WS}{1.6}$

WHERE: L = TAPER LENGTH IN FEET (METERS)

W = WIDTH OF OFFSET IN FEET (METERS)

S = POSTED SPEED LIMIT, OR OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICAPATED OPERATING SPEED IN MPH (KM/H)

Source: Table 6C-4 MUTCD LATEST EDITION

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SURFSIDE AREA TRANSPORTATION ENHANCEMENTS
LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MASSACHUSETTS

REVISIONS

NO.	REVISION	DATE

08/09/2023

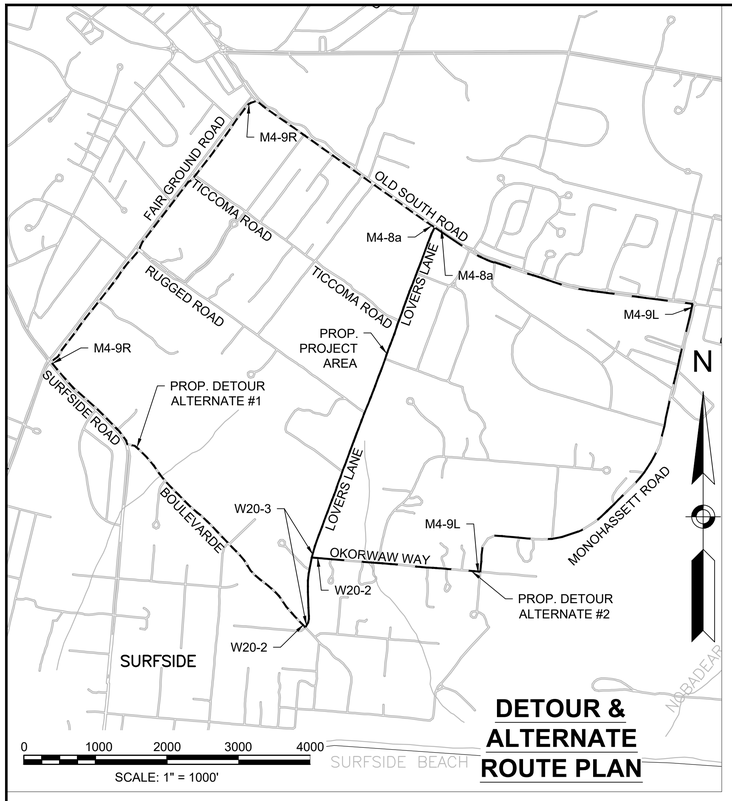
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EMD	BAM

TEMPORARY TRAFFIC CONTROL PLANS

SCALE: N.T.S.

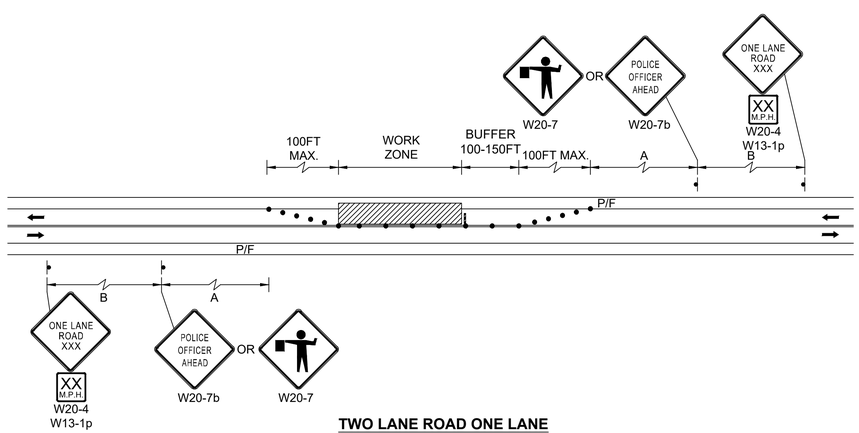
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DETOUR & ALTERNATE ROUTE PLAN

IDENTIFICATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)		NUMBER OF SIGNS REQUIRED	COLOR			UNIT AREA IN SQUARE FEET	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING		BACKGROUND	LEGEND	BORDER		
M4-8a	24"	18"	END DETOUR	MUTCD STANDARD		2	FLUORESCENT ORANGE	BLACK	BLACK	3.00	6.00
M4-9L	30"	24"	DETOUR ←	MUTCD STANDARD		2	FLUORESCENT ORANGE	BLACK	BLACK	5.00	10.00
M4-9R	30"	24"	DETOUR →	MUTCD STANDARD		2	FLUORESCENT ORANGE	BLACK	BLACK	5.00	10.00
W1-4L	36"	36"		MUTCD STANDARD		2	FLUORESCENT ORANGE	BLACK	BLACK	9.00	18.00
W1-4R	36"	36"		MUTCD STANDARD		2	FLUORESCENT ORANGE	BLACK	BLACK	9.00	18.00
W5-1	36"	36"	ROAD NARROWS	MUTCD STANDARD		2	FLUORESCENT ORANGE	BLACK	BLACK	9.00	18.00
W13-1p	18"	18"	XX M.P.H.	MUTCD STANDARD		2	FLUORESCENT ORANGE	BLACK	BLACK	2.25	4.50
W20-2	36"	36"	DETOUR XXX FT	MUTCD STANDARD		2	FLUORESCENT ORANGE	BLACK	BLACK	9.00	18.00
W20-3	36"	36"	ROAD CLOSED XXX FT	MUTCD STANDARD		1	FLUORESCENT ORANGE	BLACK	BLACK	9.00	9.00
W20-4	36"	36"	ONE LANE ROAD XX FT	MUTCD STANDARD		2	FLUORESCENT ORANGE	BLACK	BLACK	9.00	18.00
W20-7	36"	36"		MUTCD STANDARD		2	FLUORESCENT ORANGE	BLACK	BLACK	9.00	18.00
MA-W20-7b	36"	36"	POLICE OFFICER AHEAD	MASSDOT STANDARD		2	FLUORESCENT ORANGE	BLACK	BLACK	9.00	18.00
W21-5aR	36"	36"	RIGHT SHOULDER CLOSED	MUTCD STANDARD		1	FLUORESCENT ORANGE	BLACK	BLACK	9.00	9.00



TWO LANE ROAD ONE LANE ALTERNATING TRAFFIC

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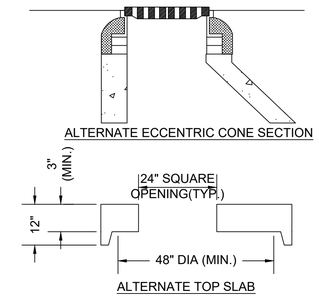
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TEMPORARY TRAFFIC CONTROL PLANS

SCALE: AS NOTED

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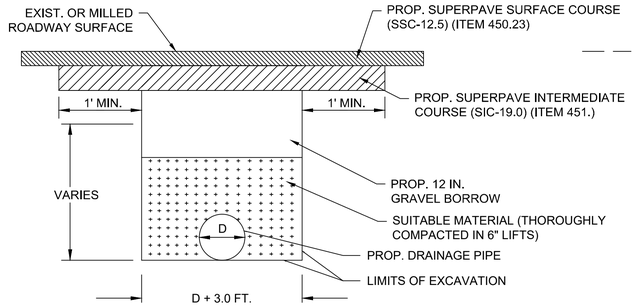


NOTES:

1. BASED ON ACTUAL FIELD CONDITIONS; THE CONTRACTOR SHALL DETERMINE WHICH STYLE OF TOP SECTION SHOULD BE USED.

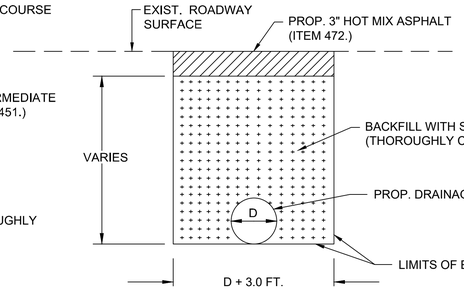
CATCH BASIN

NOT TO SCALE



PERMANENT PATCH

(IN AREAS OF MILLING AND PAVEMENT OVERLAY)



TEMPORARY PATCH

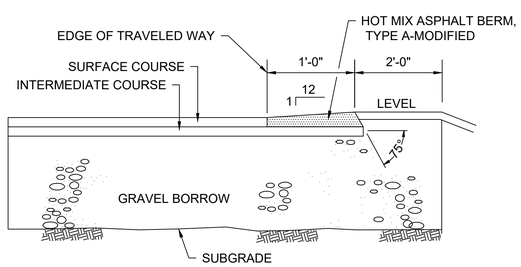
(IN AREAS OF FULL DEPTH PAVEMENT RECONSTRUCTION)

NOTES:

1. PLACE TACK COAT BETWEEN ALL HMA COURSES AND SAWCUT SURFACES PRIOR TO PLACING HMA. SEE PAVEMENT NOTES-FULL DEPTH HMA CONSTRUCTION FOR DEPTH OF HMA.
2. IF UNSUITABLE MATERIAL IS ENCOUNTERED AS DETERMINED BY THE ENGINEER, ADDITIONAL BEDDING SHALL BE PAID FOR UNDER ITEM 156.

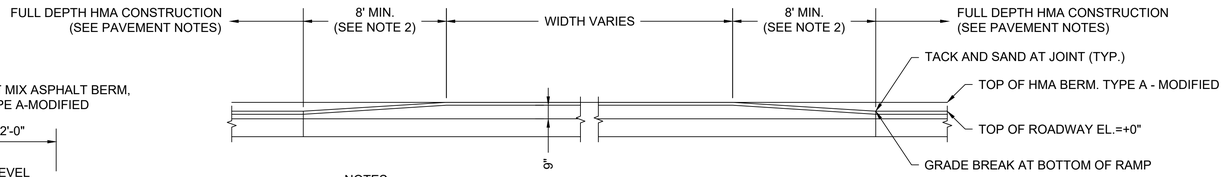
DRAINAGE TRENCH DETAIL

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HOT MIX ASPHALT BERM, TYPE A-MODIFIED

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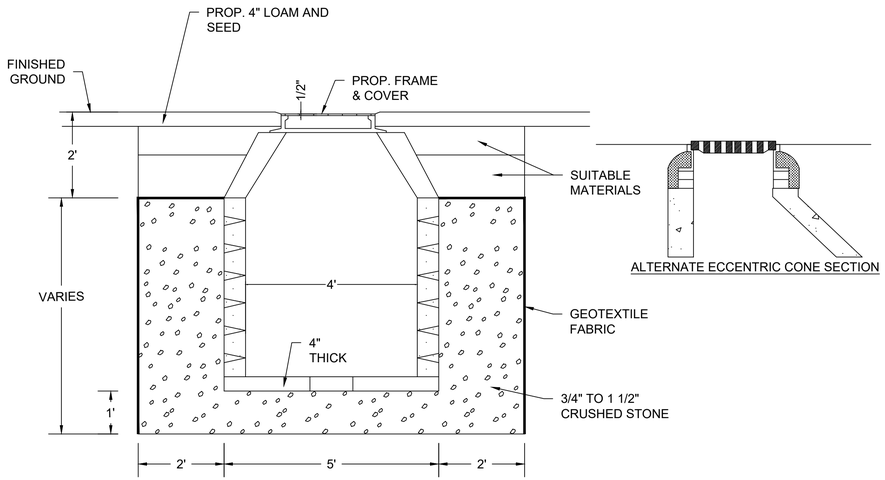


NOTES:

1. RAISED INTERSECTION SHOULD BE PAVED IN 2" MAXIMUM LIFTS.
2. THE RAMP SLOPE SHOULD NOT EXCEED 7% RELATIVE TO THE PROPOSED SLOPE OF THE ROADWAY ADJACENT TO THE INTERSECTION. REFER TO PLANS FOR LENGTH OF SLOPE.

RAISED INTERSECTION

NOT TO SCALE



LEACHING BASIN

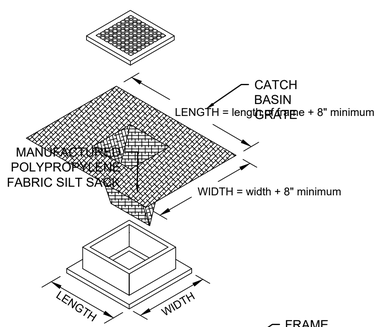
NOT TO SCALE

NOTES:

1. BASED ON ACTUAL FIELD CONDITIONS; THE CONTRACTOR SHALL DETERMINE WHICH STYLE OF TOP SECTION SHOULD BE USED.

NOTES:

1. CEMENT CONCRETE FOR LEACHING BASIN SHALL BE 4000 PSI, 1 1/2", 565 LB.
2. IF CONCRETE BLOCK, WALL THICKNESS = 6"
3. IF REINFORCED/PRECAST, WALL THICKNESS = 5" MIN.
4. LEACHING BASINS MAY BE ECCENTRIC TO AVOID UTILITY CONFLICTS IF REQUIRED.

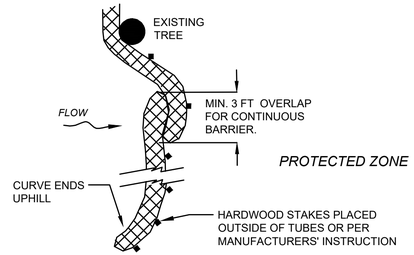


NOTES

1. LENGTH AND WIDTH OF POLYPROPYLENE FABRIC MUST EXCEED EXISTING CATCH BASIN FRAME DIMENSIONS BY A MINIMUM OF 8".
2. REMOVE CATCH BASIN GRATE AND INSTALL POLYPROPYLENE FABRIC OVER CATCH BASIN FRAME. REPLACE CATCH BASIN GRATE TO SECURE POLYPROPYLENE FABRIC IN PLACE.
3. FOR USE ON ALL EXISTING CATCH BASINS WITHIN THE PROJECT LIMITS AND PROPOSED CATCH BASINS THAT ARE IN OPERATION DURING CONSTRUCTION.
4. INLET SEDIMENT CONTROL DEVICE SHALL BE FABRICATED WITH OVERFLOW SLOTS.

INLET SEDIMENT CONTROL DEVICE

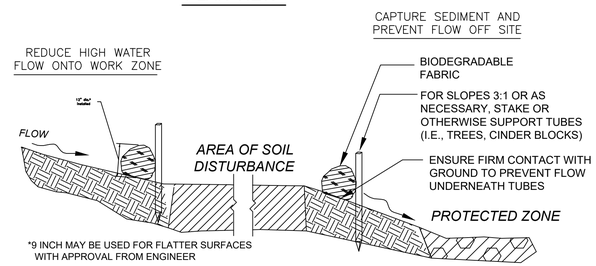
NOT TO SCALE



PLACE TUBE AS CLOSE TO LIMIT OF SOIL DISTURBANCE AS POSSIBLE, ALONG CONTOURS, AND PERPENDICULAR TO FLOW.

ADJUST LOCATION AS REQUIRED FOR OPTIMUM EFFECTIVENESS. DO NOT INSTALL IN WATERWAYS.

PLAN VIEW



SECTION

SEDIMENT BARRIER - COMPOST FILTER TUBE

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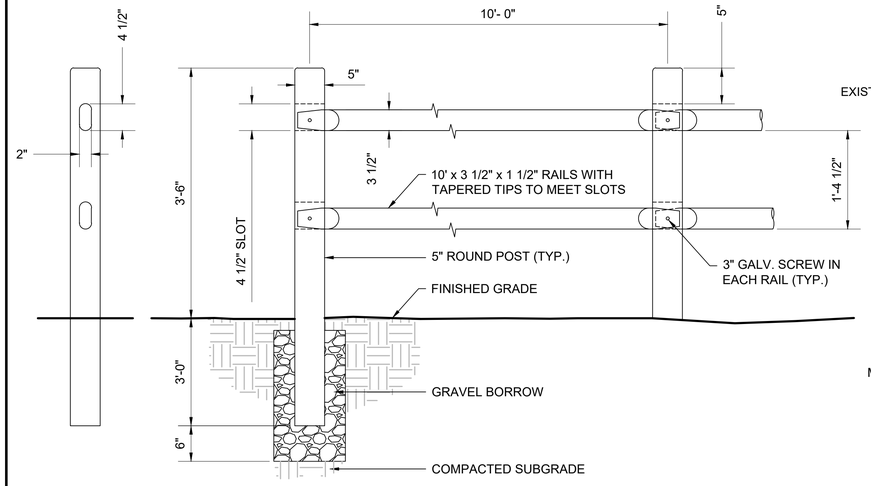
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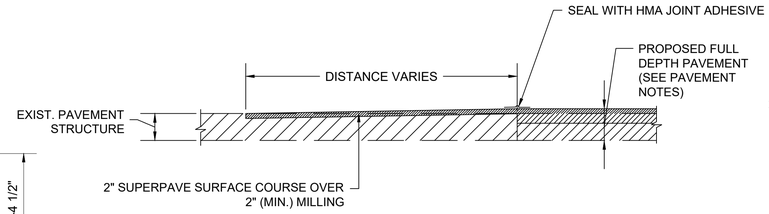
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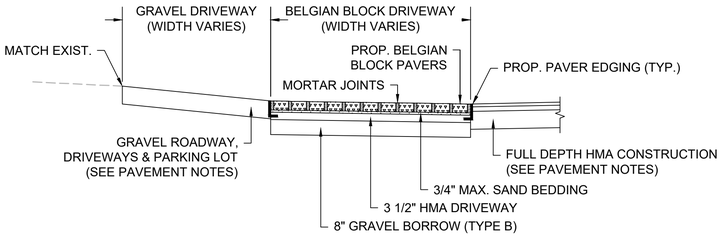
CEDAR RAIL FENCE

NOT TO SCALE



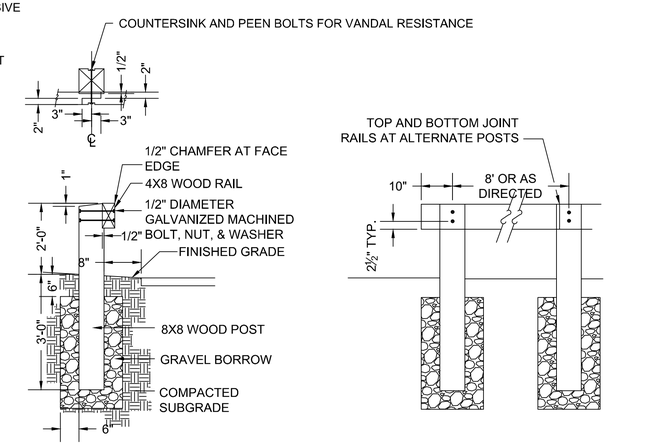
PAVEMENT TRANSITION DETAIL

NOT TO SCALE



BELGIAN BLOCK DRIVEWAY

NOT TO SCALE

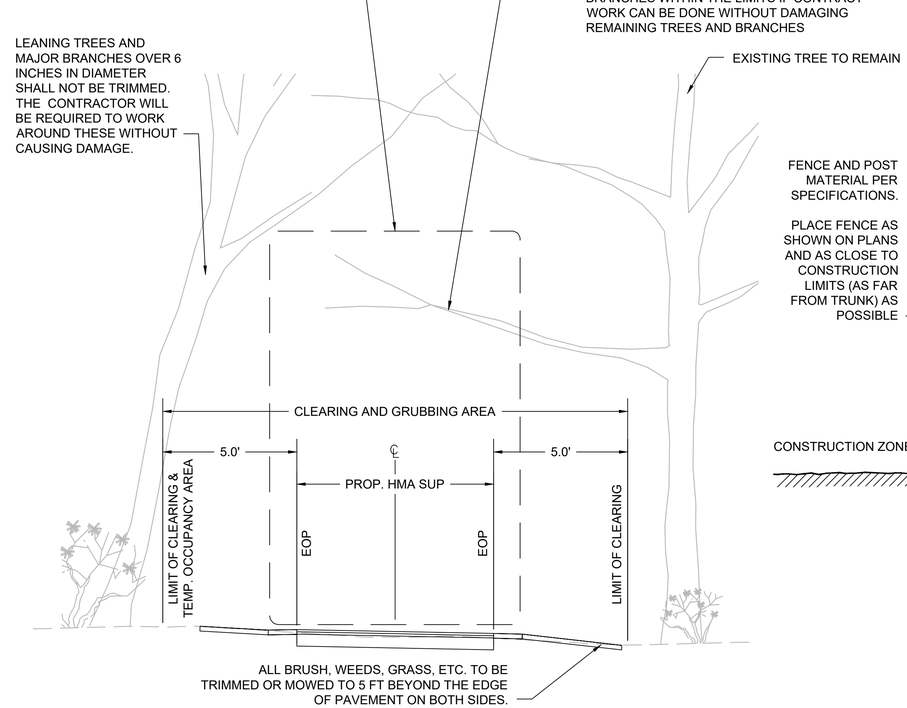


SECTION

FRONT ELEVATION

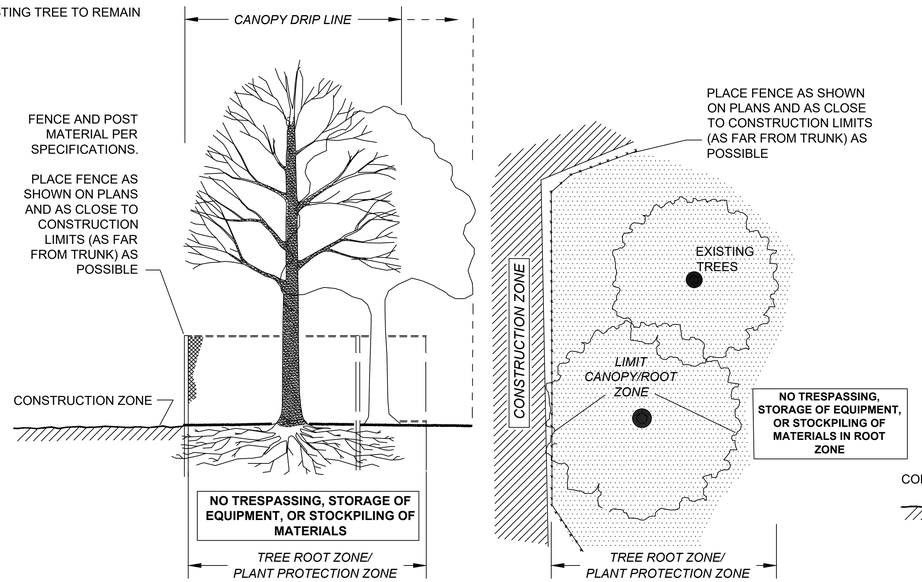
PROP. TIMBER GUARDRAIL

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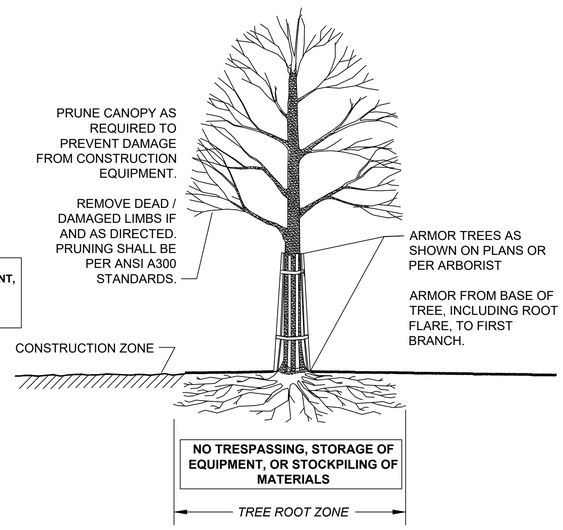
VEGETATION MANAGEMENT FOR CONSTRUCTION ACCESS

N.T.S.



TREE PROTECTION FENCE

N.T.S.



TREE PROTECTION ARMORING

N.T.S.

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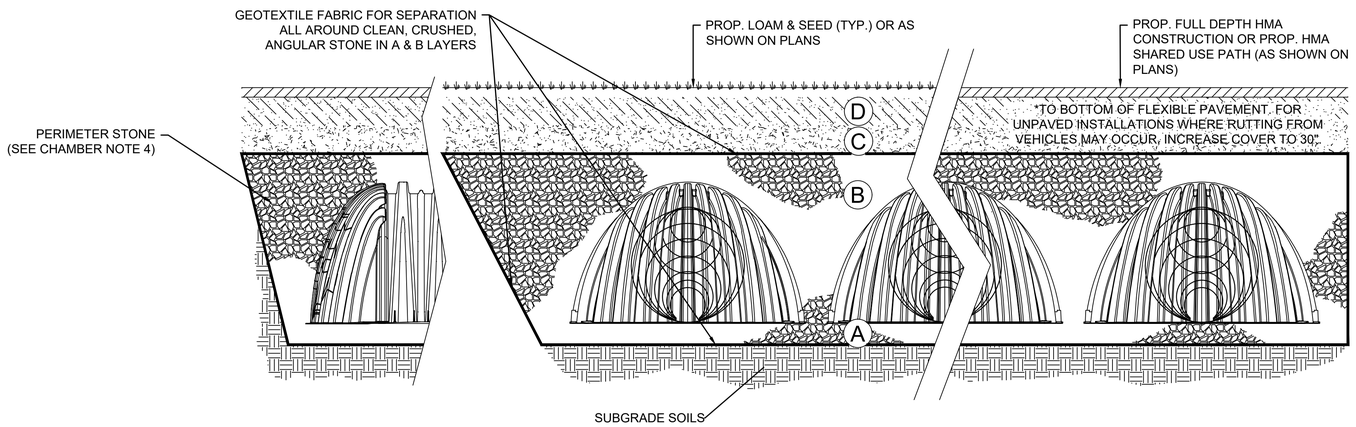
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INFILTRATION SYSTEM: ACCEPTABLE FILL MATERIALS

MATERIAL LOCATION		DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	**FINAL FILL:** PAVEMENT SUBBASE	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	GRAVEL BORROW (M1.03.0 TYPE B) (PAVEMENT SUBBASE)	PREPARE PER PLANS AND SPECIFICATIONS.
C	**INITIAL FILL:** FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	SUITABLE BACKFILL MATERIAL OR GRAVEL BORROW (M1.03.0 TYPE B) (AASHTO M145[1]: A-1, A-2-4, A-3; OR AASHTO M43[1]: 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10)	BEGIN COMPACTIONS AFTER 24" OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
B	**EMBEDMENT STONE:** FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	CRUSHED STONE M2.01.1, M2.02.2, M2.01.3, M2.01.4 (AASHTO M43[1] 3, 4)	NO COMPACTION REQUIRED.
A	**FOUNDATION STONE:** FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	CRUSHED STONE M2.01.1, M2.02.2, M2.01.3, M2.01.4 (AASHTO M43[1] 3, 4)	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.[2,3]

FILL MATERIAL NOTES:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. MANUFACTURER COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT THE SUPPLIER FOR COMPACTION REQUIREMENTS.
4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE DESIGN ENGINEER'S DISCRETION.



CHAMBER NOTES:

1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
2. SUBSURFACE CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
3. PERIMETER STONE MUST BE EXTENDED A MINIMUM OF 12" BEYOND BOTTOM OF CHAMBER AS PER DETAIL AND EXTEND VERTICALLY TO THE TOP OF STONE ELEVATION
4. REQUIREMENTS FOR HANDLING AND INSTALLATION:
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".

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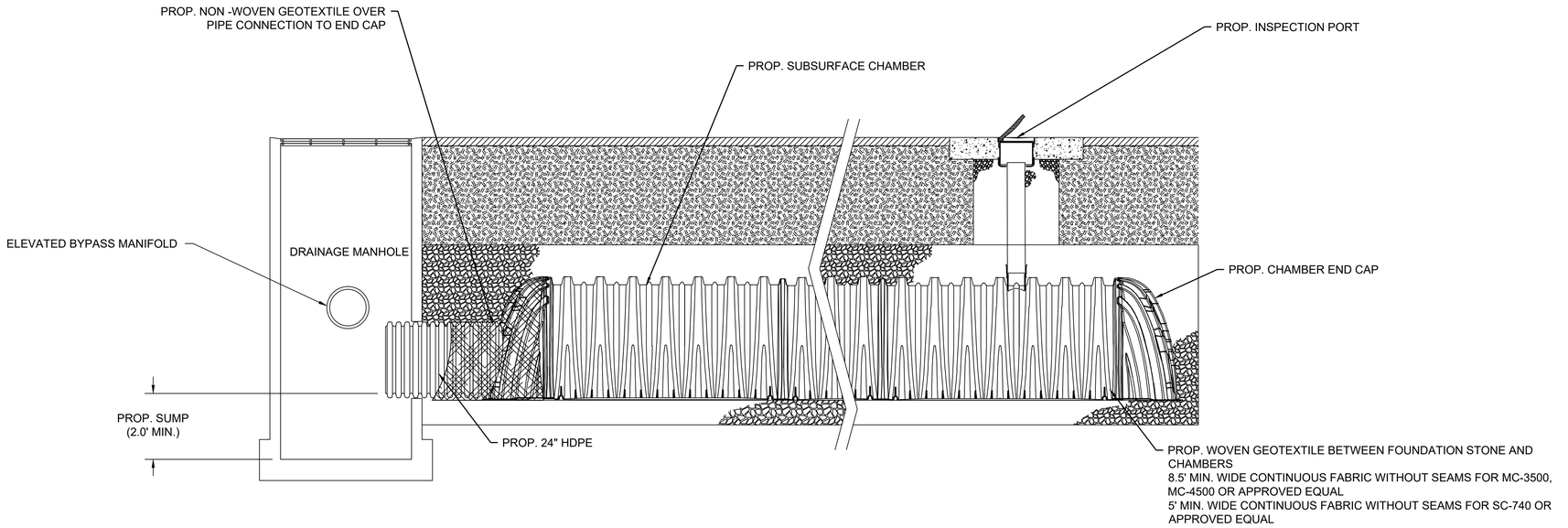
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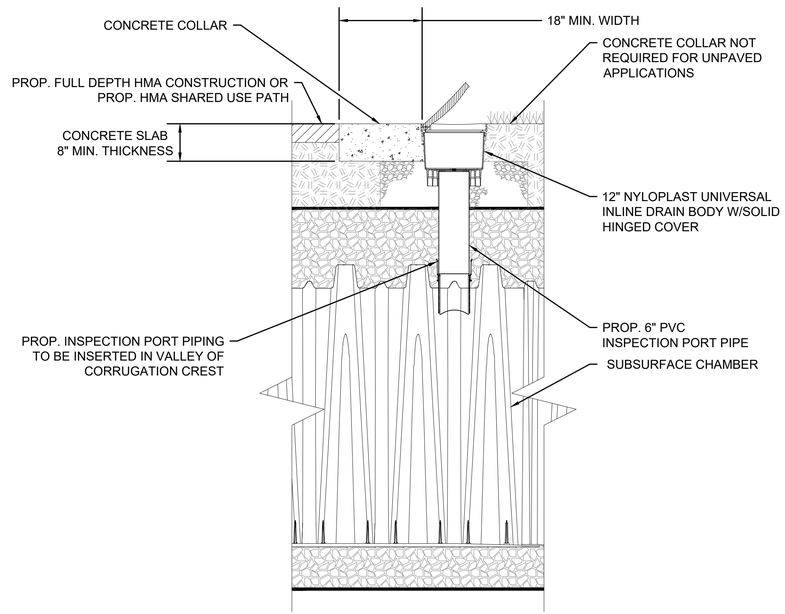
SCALE: N.T.S.

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WATER QUALITY ROW
NTS



6" INSPECTION PORT
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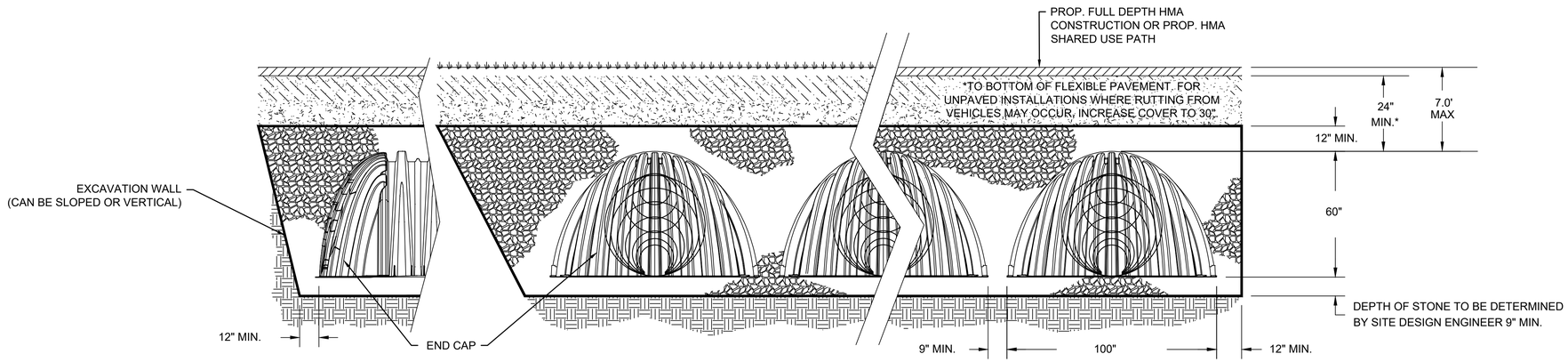
DRAWN/DESIGN BY: LMR
CHECKED BY: BAM

CONSTRUCTION DETAILS

SCALE: N.T.S.

15119

15119.01_HD (CD).DWG 8/10/2023



NOTE:

DETAIL APPLIES TO THE FOLLOWING INFILTRATION SYSTEMS:

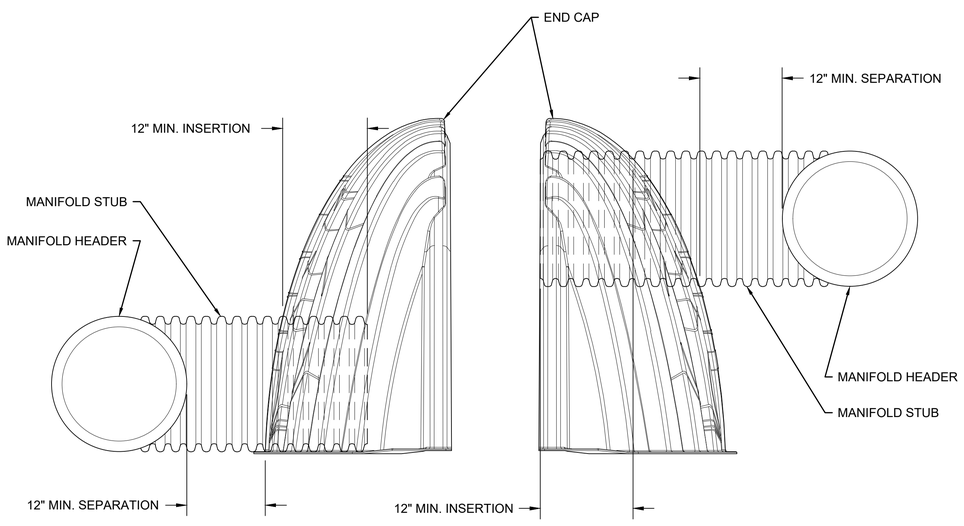
INFILTRATION SYSTEM 8

INFILTRATION SYSTEM - SUBSURFACE CHAMBER MC-4500

OR APPROVED EQUAL
NTS

CHAMBER END CAP INSERTION DETAIL: MC-4500

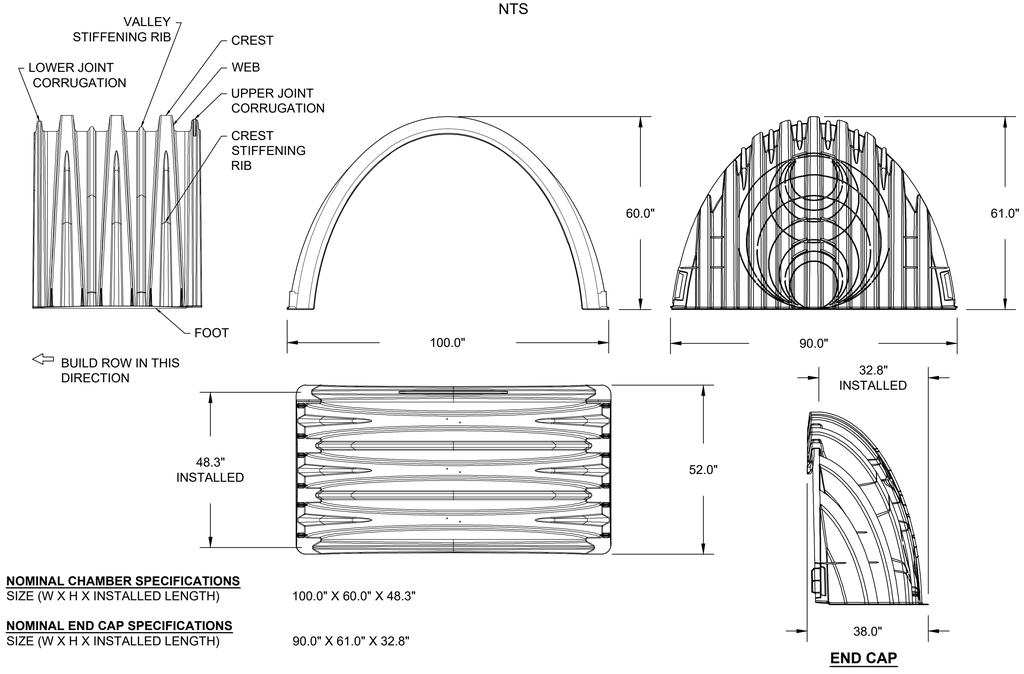
OR APPROVED EQUAL
NTS



NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN END CAP OPENING.

SUBSURFACE CHAMBER: MC-4500

OR APPROVED EQUAL
NTS



NOMINAL CHAMBER SPECIFICATIONS
SIZE (W X H X INSTALLED LENGTH) 100.0" X 60.0" X 48.3"

NOMINAL END CAP SPECIFICATIONS
SIZE (W X H X INSTALLED LENGTH) 90.0" X 61.0" X 32.8"

END CAP

GPI Greenman-Pedersen, Inc.
Engineering & Construction Services
181 Ballardvale Street, Suite 202, Wilmington, MA 01887
Tel: (978) 570-2999 Fax: (978) 658-3044
http://www.gpinet.com

PREPARED FOR
TOWN OF NANTUCKET
16 BROAD STREET
NANTUCKET, MA 02554

SURFSIDE AREA TRANSPORTATION ENHANCEMENTS
LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MA 02554

REVISIONS

NO.	REVISION	DATE

08/09/2023

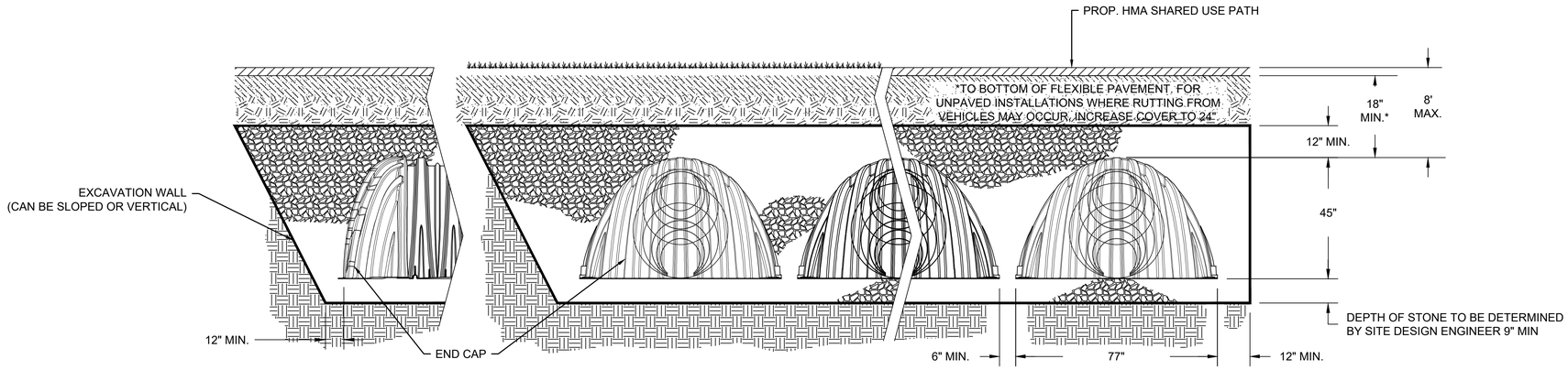
DRAWN/DESIGN BY	CHECKED BY
LMR	BAM

CONSTRUCTION DETAILS

SCALE: N.T.S.

15119

15119.01_HD (CD).DWG 8/10/2023



NOTE:

DETAIL APPLIES TO THE FOLLOWING INFILTRATION SYSTEMS:

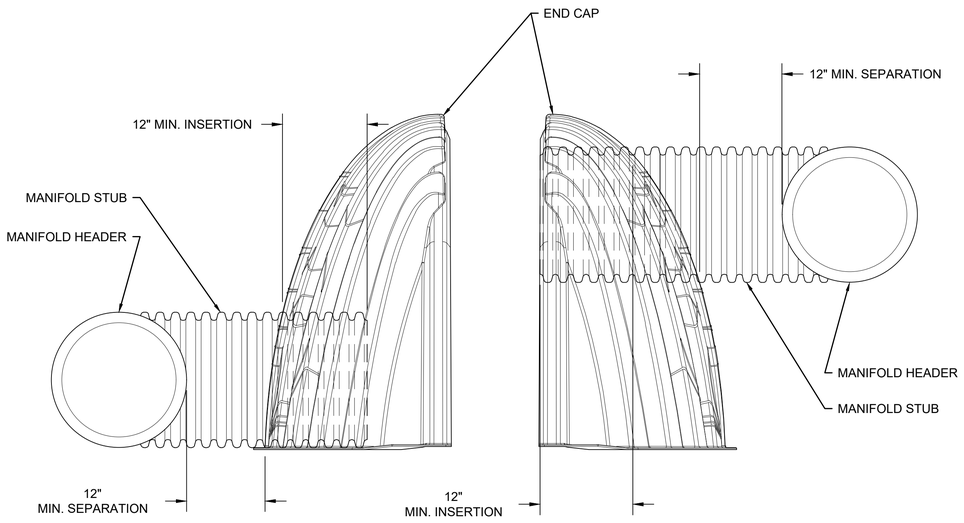
INFILTRATION SYSTEM 7

INFILTRATION SYSTEM - SUBSURFACE CHAMBER MC-3500

OR APPROVED EQUAL
NTS

CHAMBER END CAP INSERTION DETAIL: MC-3500

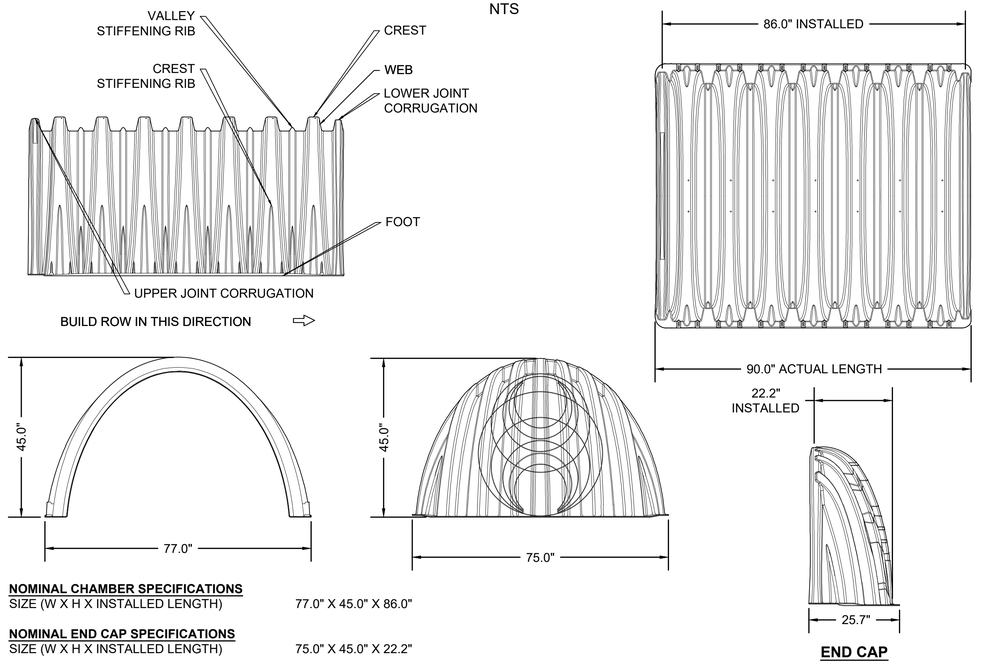
OR APPROVED EQUAL
NTS



NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN END CAP OPENING.

SUBSURFACE CHAMBER: MC-3500

OR APPROVED EQUAL
NTS



END CAP

NOMINAL CHAMBER SPECIFICATIONS
SIZE (W X H X INSTALLED LENGTH) 77.0" X 45.0" X 86.0"

NOMINAL END CAP SPECIFICATIONS
SIZE (W X H X INSTALLED LENGTH) 75.0" X 45.0" X 22.2"

15119.01_HD (CD).DWG 8/10/2023

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REVISIONS

NO.	REVISION	DATE

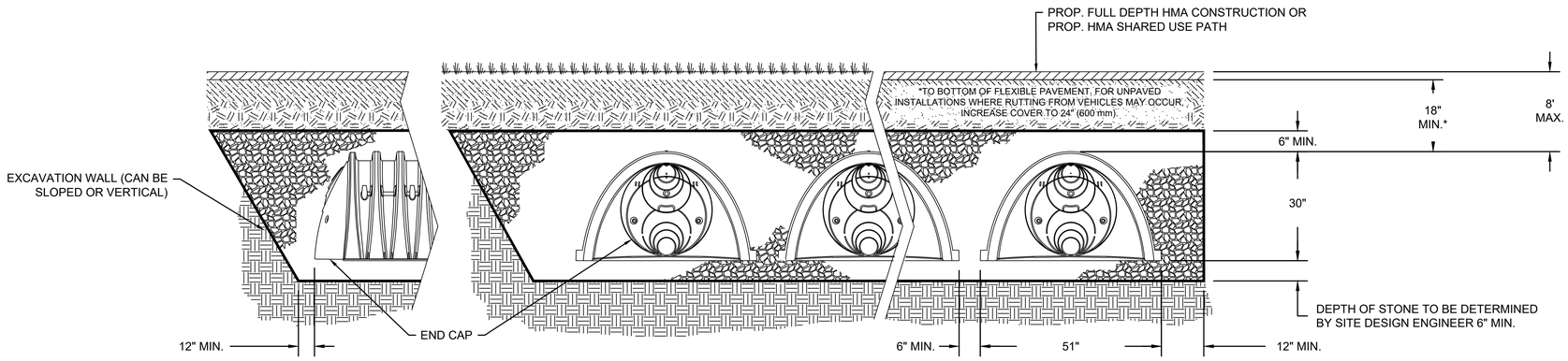
08/09/2023

DRAWN/DESIGN BY: LMR
CHECKED BY: BAM

CONSTRUCTION DETAILS

SCALE: N.T.S.

15119



NOTE:

DETAIL APPLIES TO THE FOLLOWING INFILTRATION SYSTEMS:

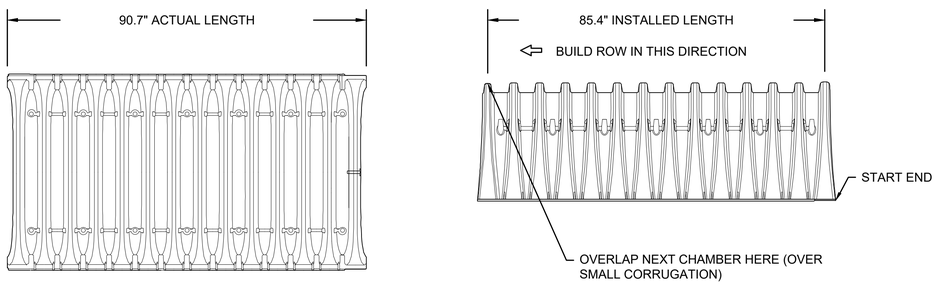
INFILTRATION SYSTEM 1A, 1B, 2A, 2B, 2C, 3A, 3B, 3C, 4, 5, 6A, 6B AND 6C

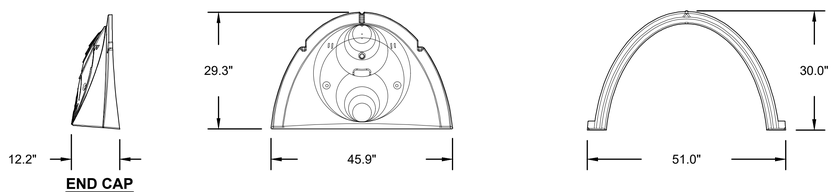
INFILTRATION SYSTEM - SUBSURFACE CHAMBER SC-740

OR APPROVED EQUAL
NTS

SUBSURFACE CHAMBER SC-740:

OR APPROVED EQUAL
NTS





END CAP

NOMINAL CHAMBER SPECIFICATIONS
SIZE (W X H X INSTALLED LENGTH) 51.0" X 30.0" X 85.4"

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DRAWN/DESIGN BY	CHECKED BY
LMR	BAM

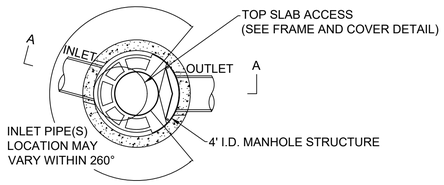
CONSTRUCTION DETAILS

SCALE: N.T.S.

15119

WATER QUALITY UNIT IDENTIFICATION TABLE

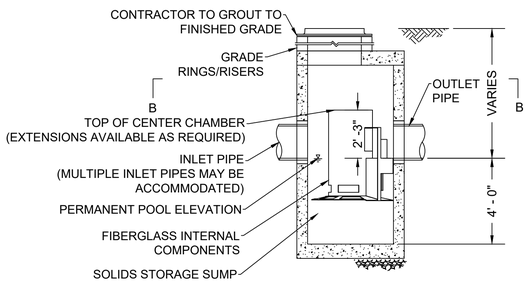
PROP. WATER QUALITY UNIT (WQU)	WQU MODEL REQUIRED (OR APPROVED EQUAL)
WQU-3B AND WQU-3C	CDS1515
WQU-1, WQU-2B AND WQU-6C	CDS2015-4
WQU-2A	CDS2015-5
WQU-2C, WQU-3A, WQU-5A, WQU-5B, WQU-6A, WQU-6B AND WQU-7	CS-4
WQU-4 AND WQU-8	CS-5



PLAN VIEW B-B
NOT TO SCALE



FRAME AND COVER
(DIAMETER VARIES)
NOT TO SCALE

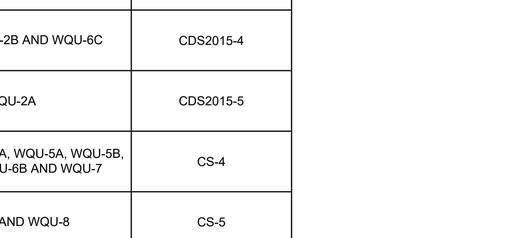


ELEVATION A-A
NOT TO SCALE

WATER QUALITY UNIT CS-4
NTS

NOTE:

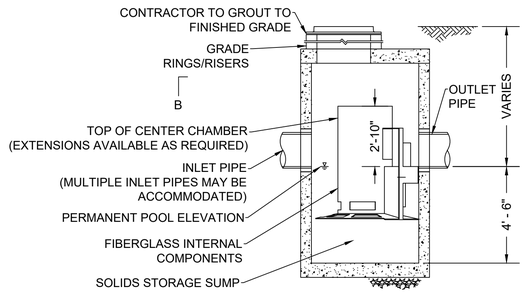
WATER QUALITY UNIT CS-4 SHALL BE CASCADE SEPARATOR MODEL CS-4 AS MANUFACTURED BY CONTECH ENGINEERED SOLUTIONS, LLC OR APPROVED EQUAL



PLAN VIEW B-B
NOT TO SCALE



FRAME AND COVER
(DIAMETER VARIES)
NOT TO SCALE



ELEVATION A-A
NOT TO SCALE

WATER QUALITY UNIT CS-5
NTS

NOTE:

WATER QUALITY UNIT CS-5 SHALL BE CASCADE SEPARATOR MODEL CS-5 AS MANUFACTURED BY CONTECH ENGINEERED SOLUTIONS, LLC OR APPROVED EQUAL

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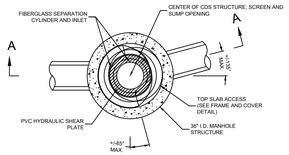
DRAWN/DESIGN BY	CHECKED BY
LMR	BAM

CONSTRUCTION DETAILS

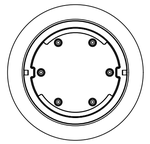
SCALE: N.T.S.

15119

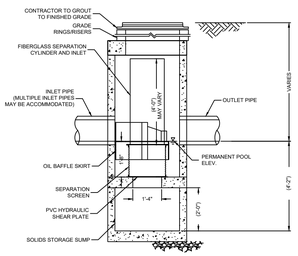
15119.01_HD (CD).DWG 8/10/2023



PLAN VIEW B-B
NOT TO SCALE



FRAME AND COVER
(DIAMETER VARIES)
NOT TO SCALE

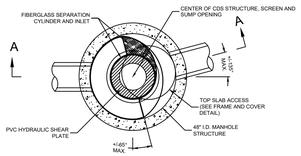


ELEVATION A-A
NOT TO SCALE

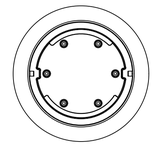
WATER QUALITY UNIT CDS1515
NTS

NOTE:

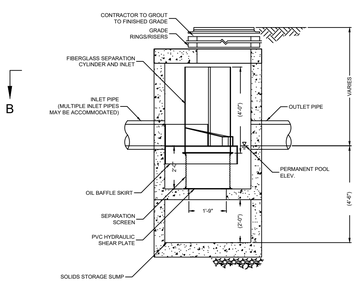
WATER QUALITY UNIT CDS1515 SHALL BE CDS HYDRODYNAMIC SEPARATOR MODEL CDS1515 AS MANUFACTURED BY CONTECH ENGINEERED SOLUTIONS, LLC OR APPROVED EQUAL



PLAN VIEW B-B
NOT TO SCALE



FRAME AND COVER
(DIAMETER VARIES)
NOT TO SCALE

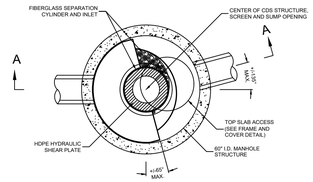


ELEVATION A-A
NOT TO SCALE

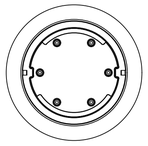
WATER QUALITY UNIT CDS2015-4
NTS

NOTE:

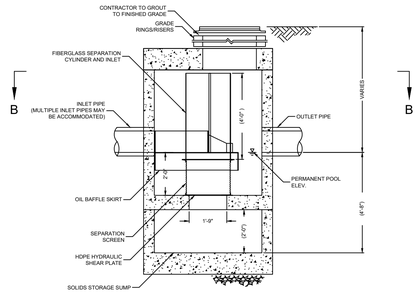
WATER QUALITY UNIT CDS2015-4 SHALL BE CDS HYDRODYNAMIC SEPARATOR MODEL CDS2015-4 AS MANUFACTURED BY CONTECH ENGINEERED SOLUTIONS, LLC OR APPROVED EQUAL



PLAN VIEW B-B
NOT TO SCALE



FRAME AND COVER
(DIAMETER VARIES)
NOT TO SCALE



ELEVATION A-A
NOT TO SCALE

WATER QUALITY UNIT CDS2015-5
NTS

NOTE:

WATER QUALITY UNIT CDS2015-5 SHALL BE CDS HYDRODYNAMIC SEPARATOR MODEL CDS2015-5 AS MANUFACTURED BY CONTECH ENGINEERED SOLUTIONS, LLC OR APPROVED EQUAL

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NO.	REVISION	DATE
	08/09/2023	

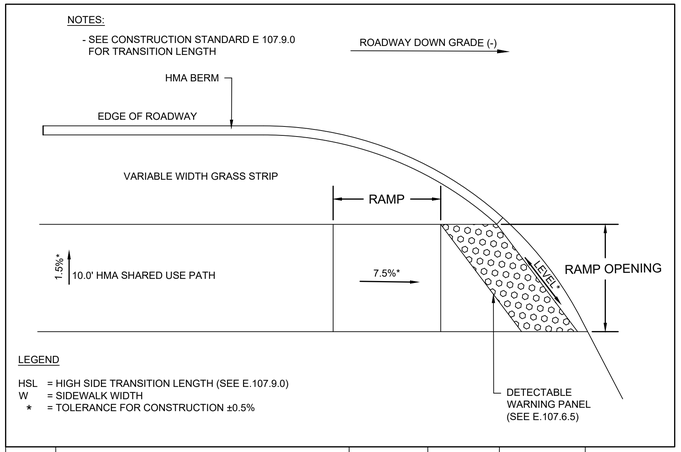
DRAWN/DESIGN BY	CHECKED BY
LMR	BAM

CONSTRUCTION DETAILS

SCALE: N.T.S.

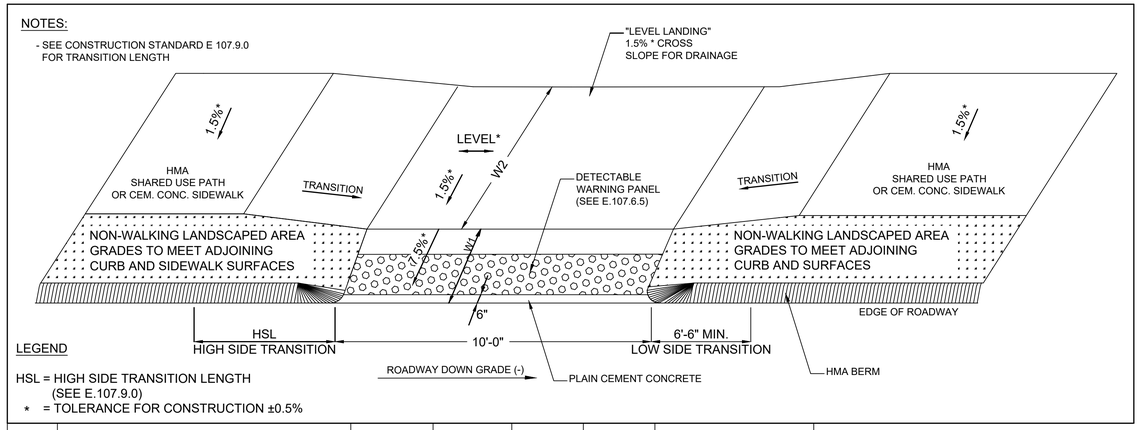
15119

15119.01_HD (CD).DWG 8/10/2023



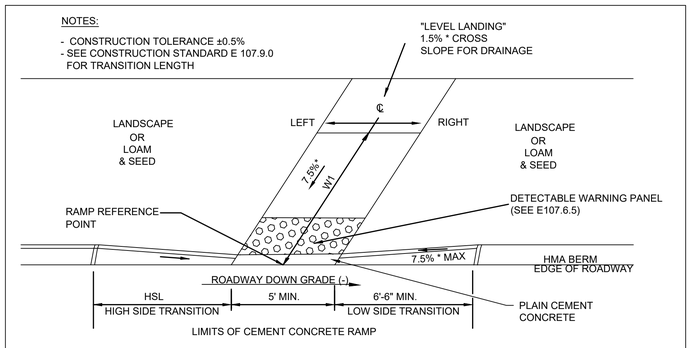
PCR #	RAMP REFERENCE POINT			WIDTH OF SIDEWALK	WIDTH OF OPENING	TRANSITION LENGTH
	BASELINE	STATION	OFFSET			
1	LOVERS LANE	18+15	17.00' LT	10'-0"	10'-0"	
2	LOVERS LANE	18+70	17.00' LT	10'-0"	10'-0"	
4	LOVERS LANE	19+90	16.50' LT	10'-0"	10'-0"	
5	LOVERS LANE	41+30	17.00' LT	10'-0"	10'-0"	
6	LOVERS LANE	41+68	17.00' LT	10'-0"	10'-0"	
9	OLD SOUTH ROAD	502+18	14.00' LT	10'-0"	10'-0"	
16	MONOHANSETT ROAD	200+75	10.00' LT	10'-0"	10'-0"	
17	MONOHANSETT ROAD	200+75	10.00' RT	10'-0"	10'-0"	
18	OKORWAW AVENUE	123+77	10.75' RT	10'-0"	10'-0"	
19	OKORWAW AVENUE	123+75	15.00' LT	10'-0"	10'-0"	

PEDESTRIAN CURB RAMP FOR ONE CONTINUOUS DIRECTION OF SHARED-USE PATH TRAVEL



PCR #	RAMP REFERENCE POINT			LENGTH OF PRIMARY RAMP (W1)	WIDTH OF SIDEWALK	WIDTH OF RAMP MIN. 5'-0"	DEPTH OF LEVEL LANDING MIN. 4'-0"	TRANSITION LENGTH	
	BASELINE	STATION	OFFSET					LEFT SIDE	RIGHT SIDE
3	LOVERS LANE	19+90	17.00' LT	7'-0"	10'-0"	10'-0"	10'-0"		
10	OLD SOUTH ROAD	502+18	11.25' RT	9'-0"	10'-0"	10'-0"	10'-0"		
15	OKORWAW AVENUE	109+64	10.00' RT	5'-0"	10'-0"	10'-0"	10'-0"		
20	MONOHANSETT ROAD	215+53	10.00' RT	5'-0"	10'-0"	10'-0"	10'-0"		
22	MONOHANSETT ROAD	238+20	10.00' RT	5'-0"	10'-0"	10'-0"	10'-0"		

PEDESTRIAN CURB RAMP WITH LANDSCAPING STRIP



PCR #	RAMP REFERENCE POINT			WIDTH OF SIDEWALK	WIDTH OF OPENING	TRANSITION LENGTH
	BASELINE	STATION	OFFSET			
7	DCR PATH	1014+21	0.00'	10'-0"	10'-0"	
8	DCR PATH	1014+31	0.00'	10'-0"	10'-0"	
11	LOVERS LANE	68+93	13.25' LT	5'-0"	5'-0"	
12	LOVERS LANE	68+83	34.25' RT	6'-6"	5'-0"	
13	OLD SOUTH ROAD	501+26	20.00' LT	9'-0"	6'-1"	
14	OKORWAW AVENUE	109+64	10.00' LT	5'-0"	5'-0"	
21	MONOHANSETT ROAD	215+53	10.00' LT	5'-0"	5'-0"	
23	MONOHANSETT ROAD	238+22	10.00' LT	5'-0"	5'-0"	

PEDESTRIAN CURB RAMP FOR ONE CONTINUOUS DIRECTION OF SHARED-USE PATH TRAVEL

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REVISIONS

NO.	REVISION	DATE
-		

DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

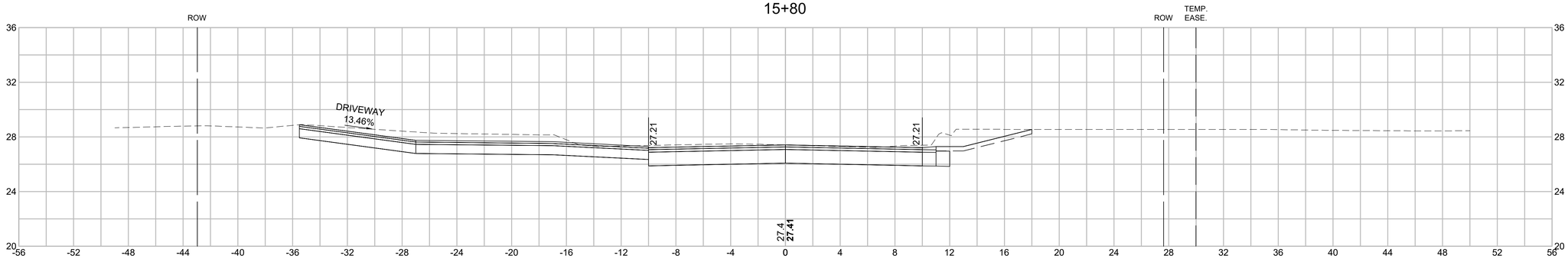
PEDESTRIAN CURB RAMP DETAILS

SCALE: 1"=20'

15119

15119.01_HD (PCR).DWG 8/10/2023

15+80

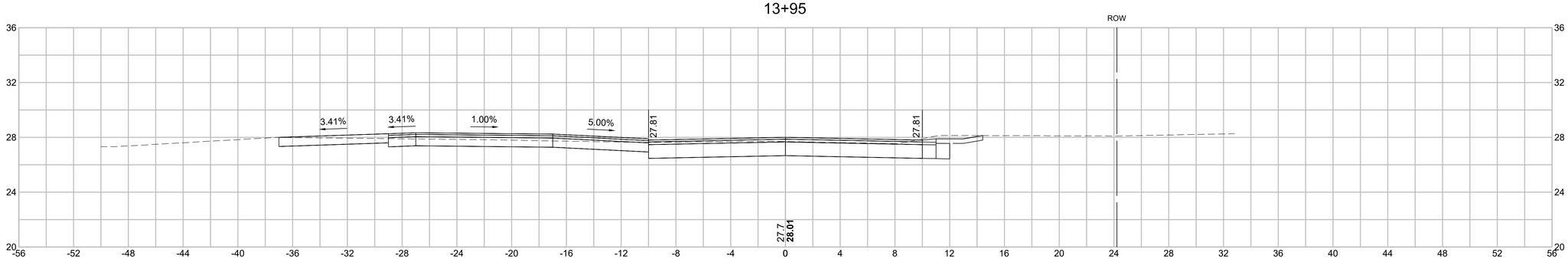


CUT = 52.99 s.f.

FILL = 0.00 s.f.

DWY CUT = 17.51 s.f.

13+95

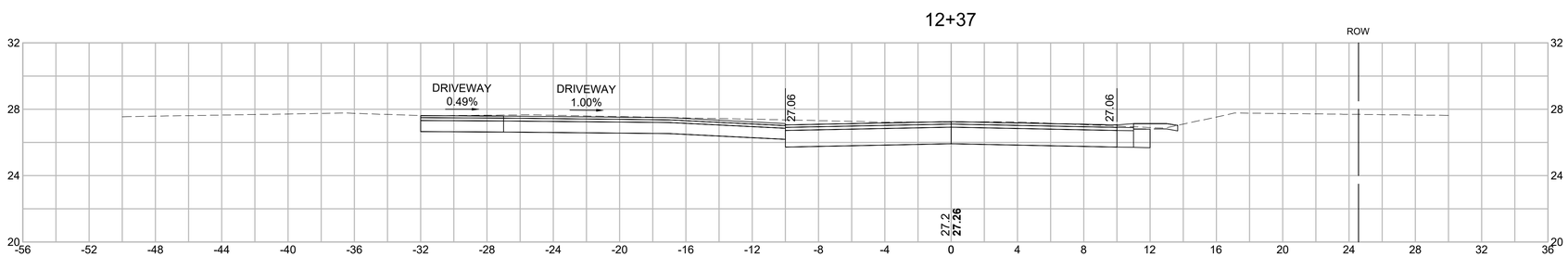


CUT = 30.94 s.f.

FILL = 0.00 s.f.

DWY CUT = 9.04 s.f.

12+37



CUT = 40.60 s.f.

FILL = 0.00 s.f.

DWY CUT = 12.43 s.f.

HOR. SCALE IN FEET

4 0 4 8

VER. SCALE IN FEET

4 0 4 8

15119.01_HD (XS).DWG 7/25/2023

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REVISIONS		
NO.	REVISION	DATE

08/09/2023

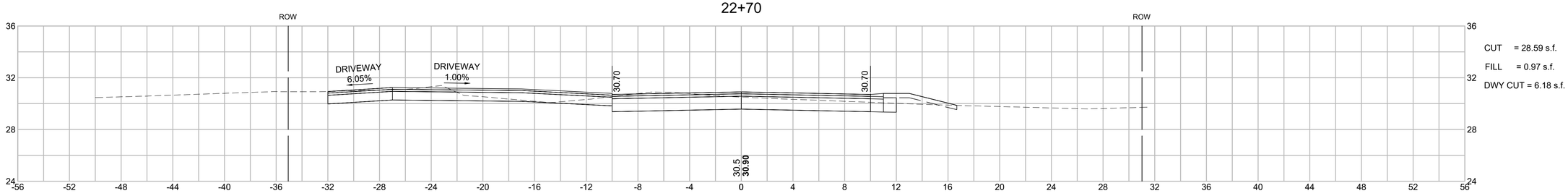
DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

CRITICAL SECTIONS - LOVERS LANE

SCALE: 1"=4'

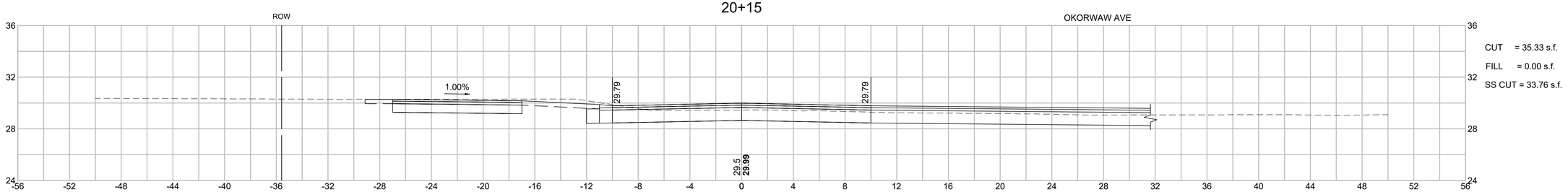
15119

22+70



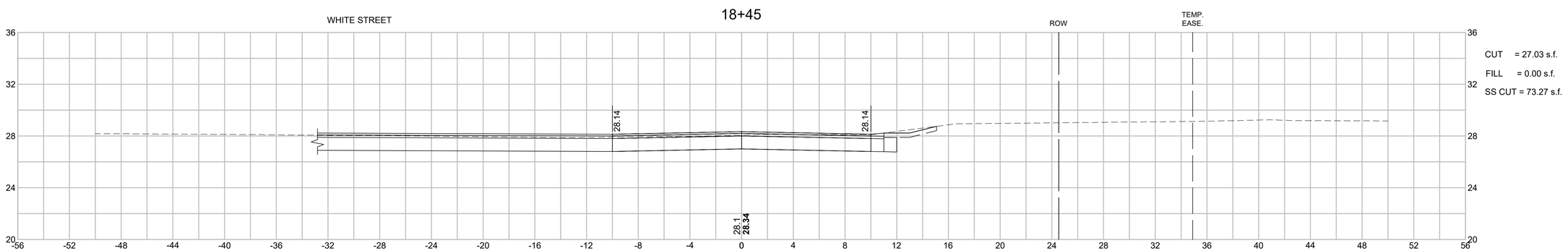
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FILL = 0.97 s.f.
DWY CUT = 6.18 s.f.

20+15



CUT = 35.33 s.f.
FILL = 0.00 s.f.
SS CUT = 33.76 s.f.

18+45



CUT = 27.03 s.f.
FILL = 0.00 s.f.
SS CUT = 73.27 s.f.

HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

15119.01_HD (XS).DWG 7/25/2023

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Engineering & Construction Services
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Tel: (978) 570-2999 Fax: (978) 658-3044
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PREPARED FOR
TOWN OF NANTUCKET
16 BROAD STREET
NANTUCKET, MA 02554

SURFSIDE AREA TRANSPORTATION ENHANCEMENTS
LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MA 02554

REVISIONS		
NO.	REVISION	DATE
		08/09/2023

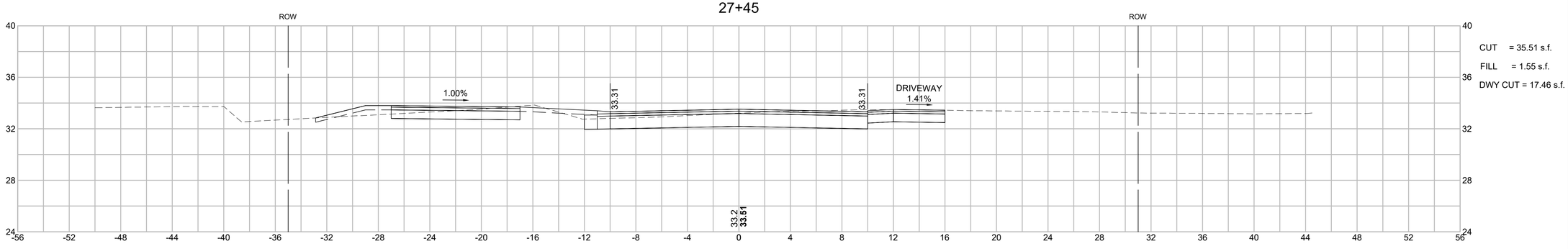
DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

CRITICAL SECTIONS - LOVERS LANE

SCALE: 1"=4'

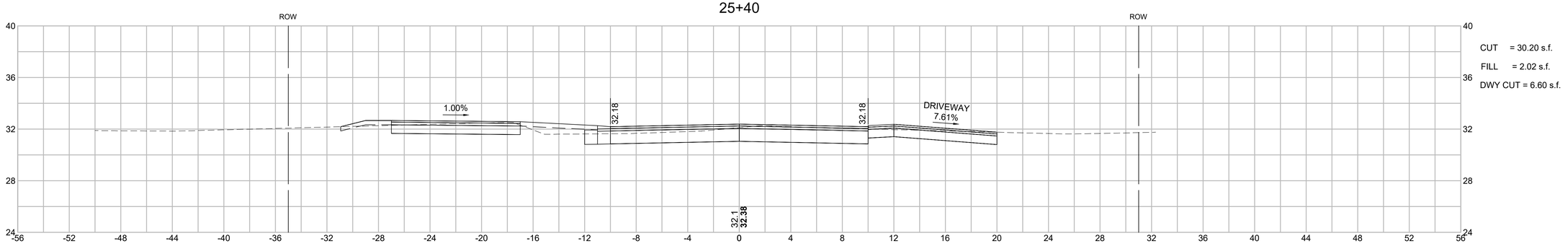
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27+45



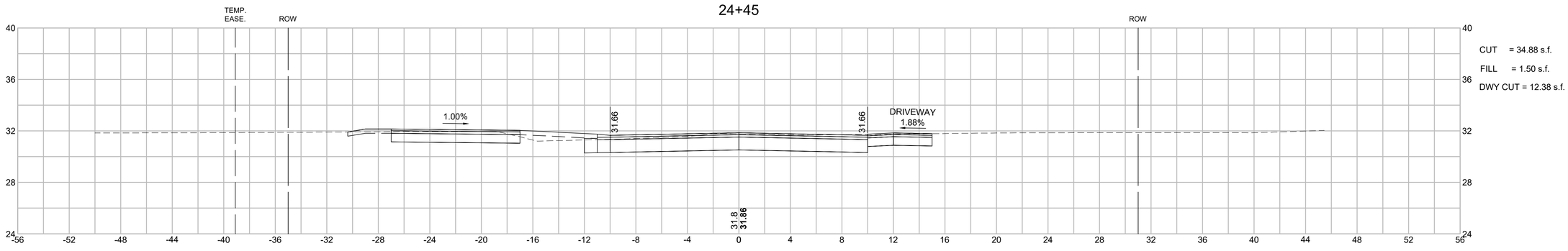
CUT = 35.51 s.f.
FILL = 1.55 s.f.
DWY CUT = 17.46 s.f.

25+40



CUT = 30.20 s.f.
FILL = 2.02 s.f.
DWY CUT = 6.60 s.f.

24+45



CUT = 34.88 s.f.
FILL = 1.50 s.f.
DWY CUT = 12.38 s.f.

HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

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REVISIONS

NO.	REVISION	DATE

08/09/2023

DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

CRITICAL SECTIONS - LOVERS LANE

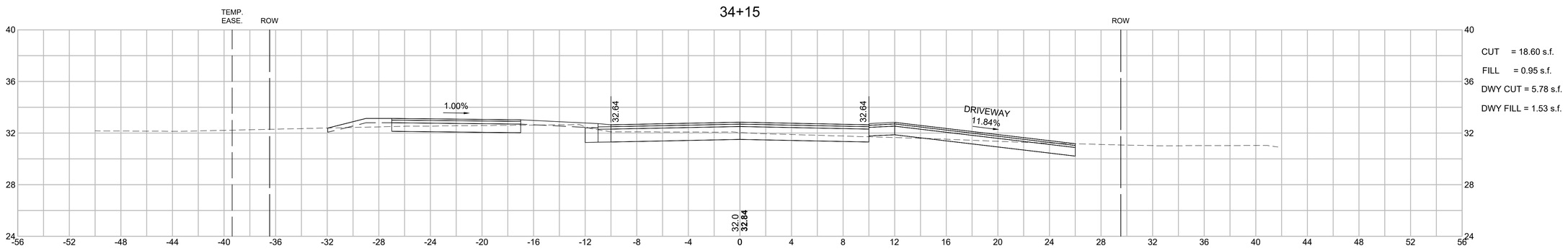
SCALE: 1"=4'

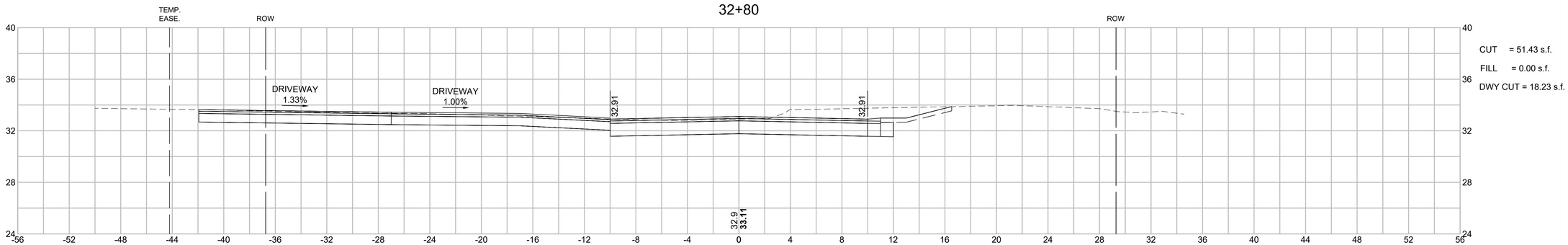
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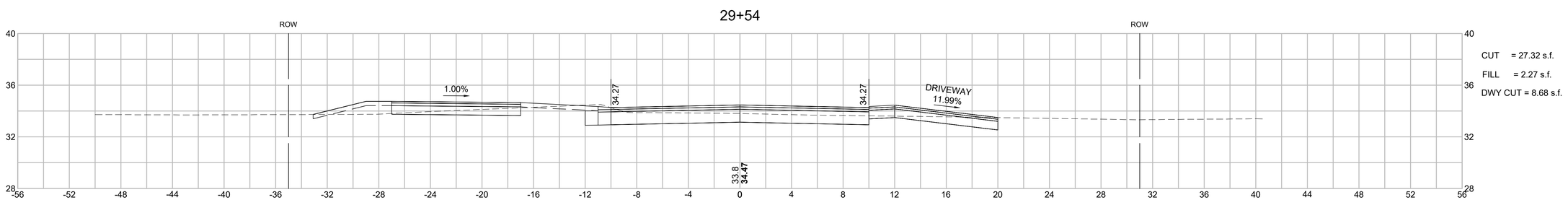
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HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

REVISIONS		
NO.	REVISION	DATE

08/09/2023

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EMD	BAM

CRITICAL SECTIONS - LOVERS LANE

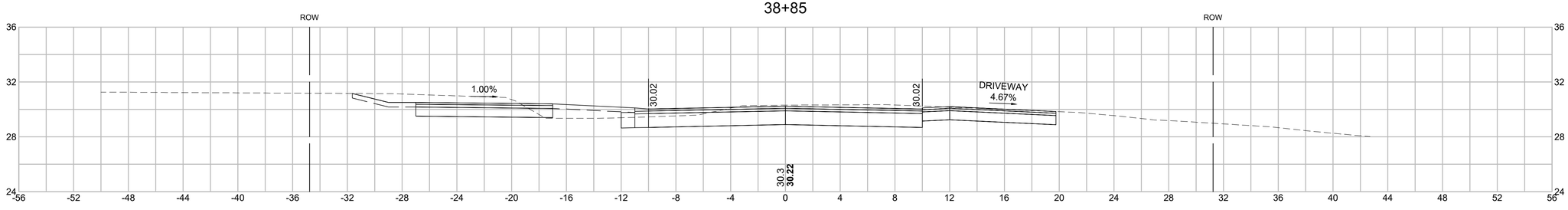
SCALE: 1"=4'

15119

137 OF 160

15119.01_HD (XS).DWG 7/25/2023

38+85

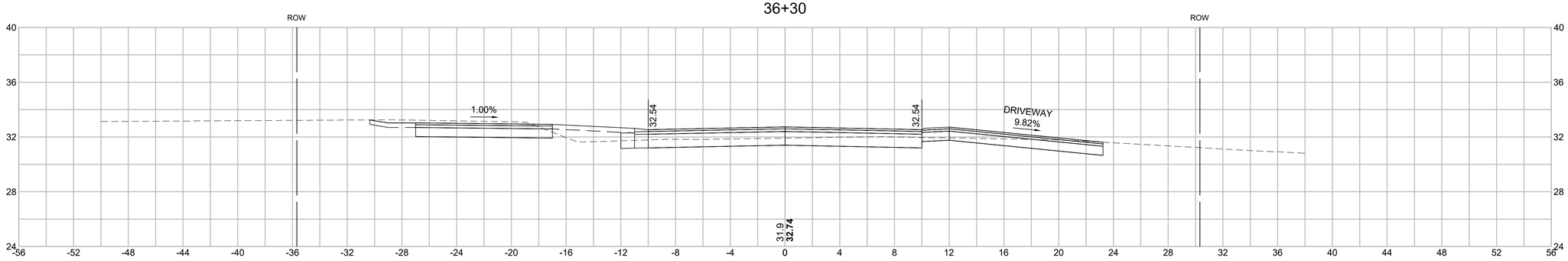


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FILL = 3.00 s.f.

DWY CUT = 9.09 s.f.

36+30

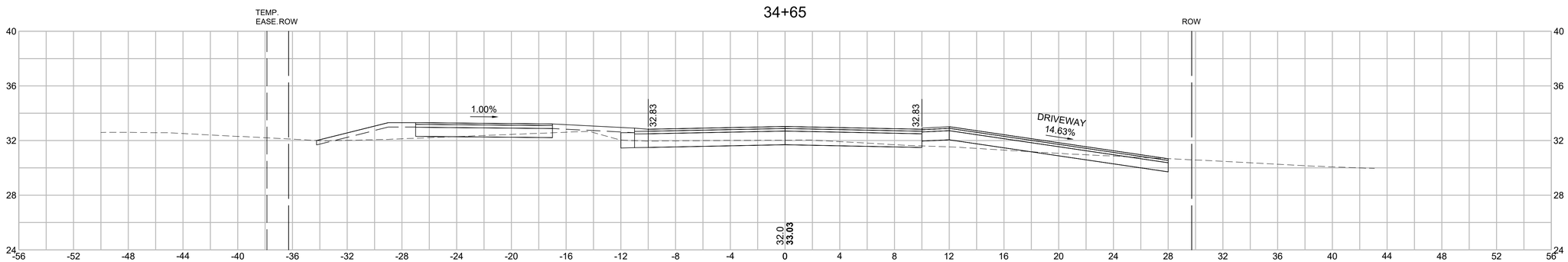


CUT = 26.00 s.f.

FILL = 3.38 s.f.

DWY CUT = 3.79 s.f.

34+65



CUT = 15.01 s.f.

FILL = 7.03 s.f.

DWY CUT = 3.81 s.f.

DWY FILL = 4.83 s.f.

HOR. SCALE IN FEET

4 0 4 8

VER. SCALE IN FEET

4 0 4 8

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NANTUCKET, MA 02554

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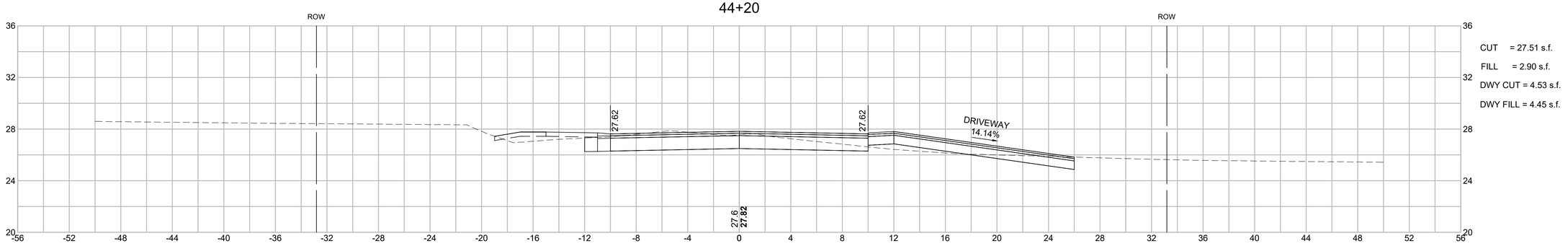
DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

CRITICAL SECTIONS - LOVERS LANE

SCALE: 1"=4'

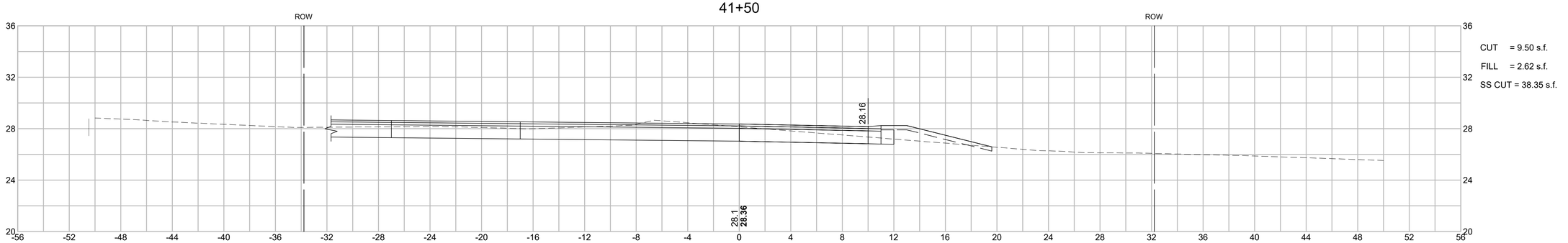
15119

44+20



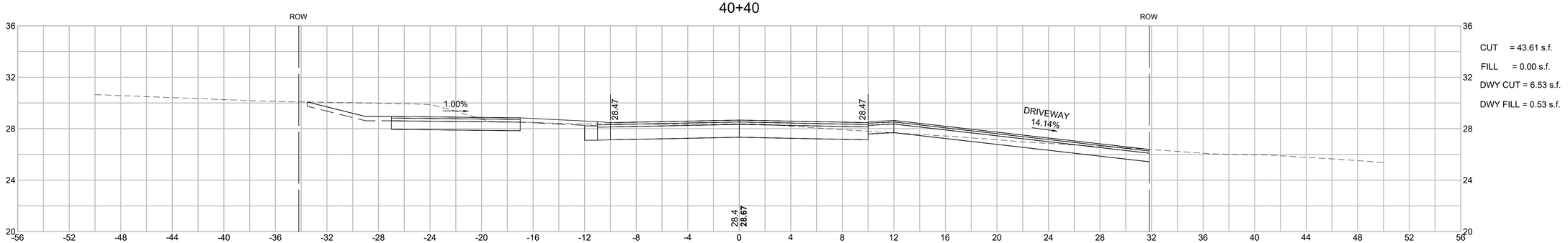
CUT = 27.51 s.f.
FILL = 2.90 s.f.
DWY CUT = 4.53 s.f.
DWY FILL = 4.45 s.f.

41+50



CUT = 9.50 s.f.
FILL = 2.62 s.f.
SS CUT = 38.35 s.f.

40+40



CUT = 43.61 s.f.
FILL = 0.00 s.f.
DWY CUT = 6.53 s.f.
DWY FILL = 0.53 s.f.

HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

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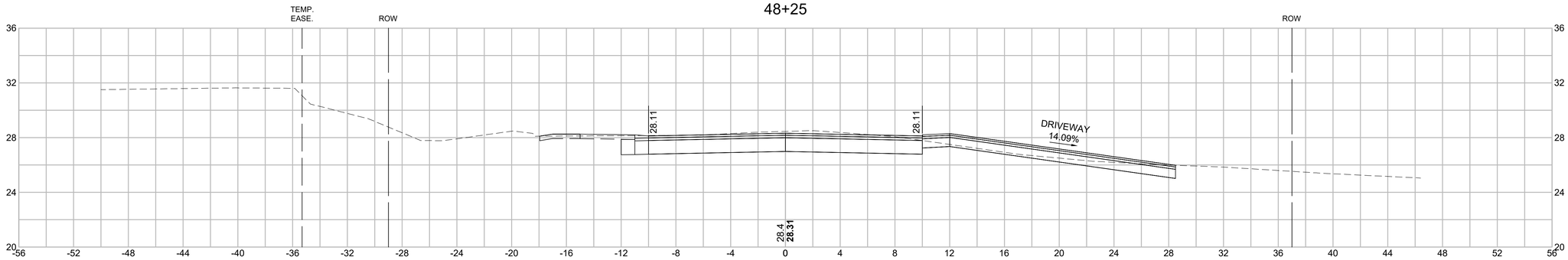
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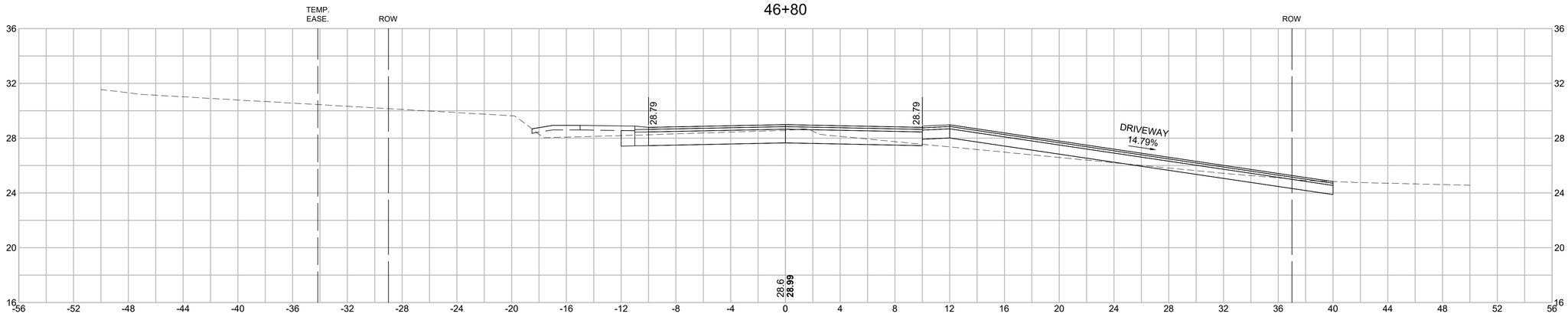
DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

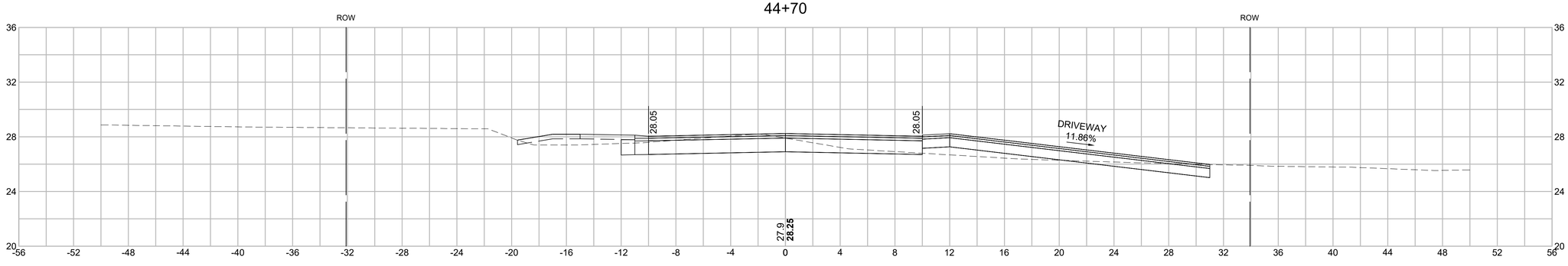
CRITICAL SECTIONS - LOVERS LANE

SCALE: 1"=4'

15119







HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

15119.01_HD (XS).DWG 7/25/2023

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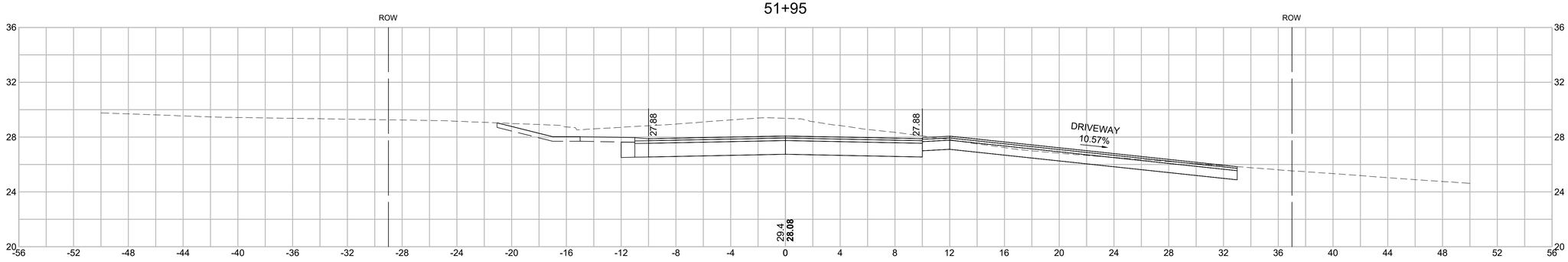
DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

CRITICAL SECTIONS - LOVERS LANE

SCALE: 1"=4'

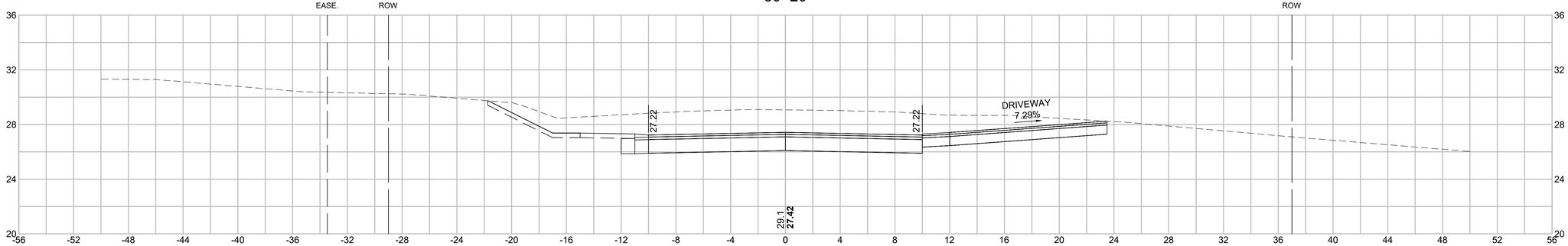
15119

51+95



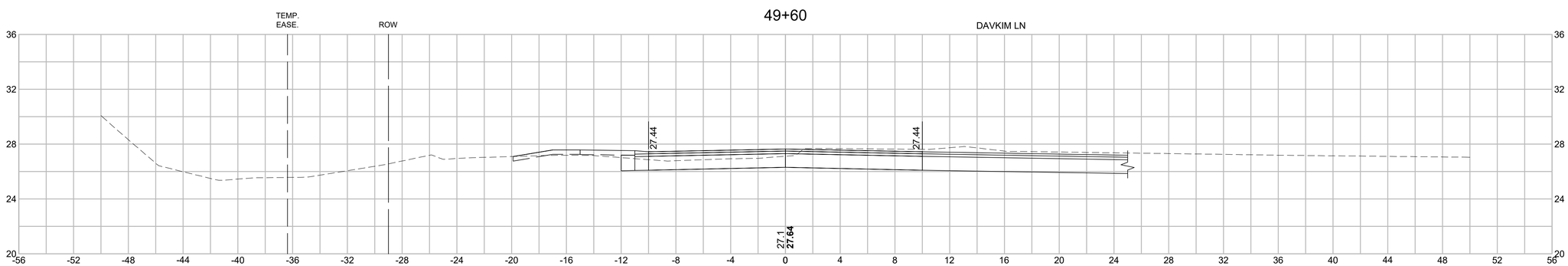
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FILL = 0.00 s.f.
DWY CUT = 13.72 s.f.

50+20



CUT = 81.53 s.f.
FILL = 0.00 s.f.
DWY CUT = 17.68 s.f.

49+60



CUT = 22.97 s.f.
FILL = 0.45 s.f.
SS CUT = 23.18 s.f.

HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

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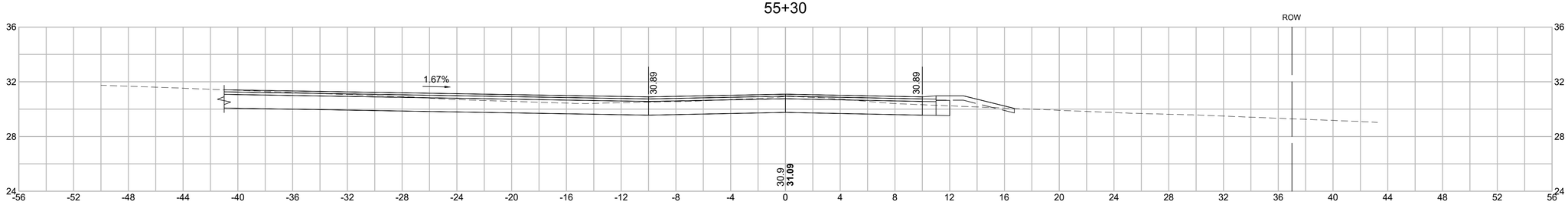
DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

CRITICAL SECTIONS - LOVERS LANE

SCALE: 1"=4'

15119

55+30

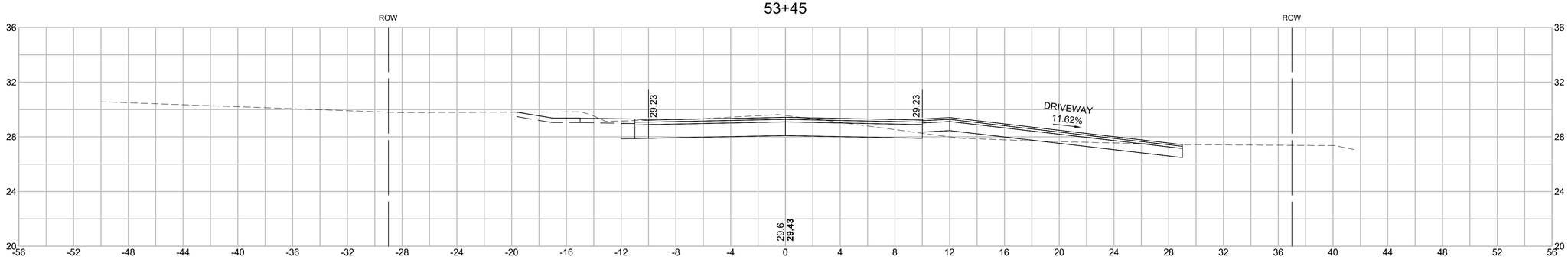


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FILL = 0.91 s.f.

DWY CUT = 31.02 s.f.

53+45



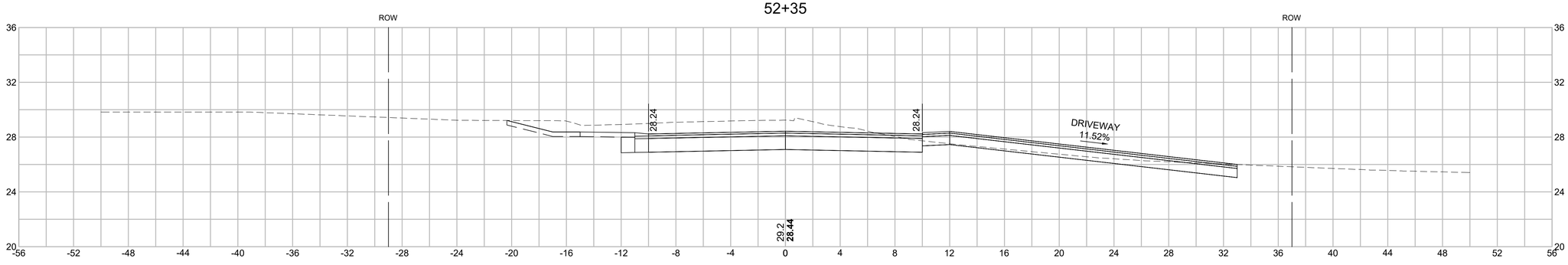
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FILL = 0.00 s.f.

DWY CUT = 3.64 s.f.

DWY FILL = 3.88 s.f.

52+35



CUT = 55.79 s.f.

FILL = 0.00 s.f.

DWY CUT = 5.65 s.f.

DWY FILL = 1.05 s.f.

HOR. SCALE IN FEET
4 0 4 8

VER. SCALE IN FEET
4 0 4 8

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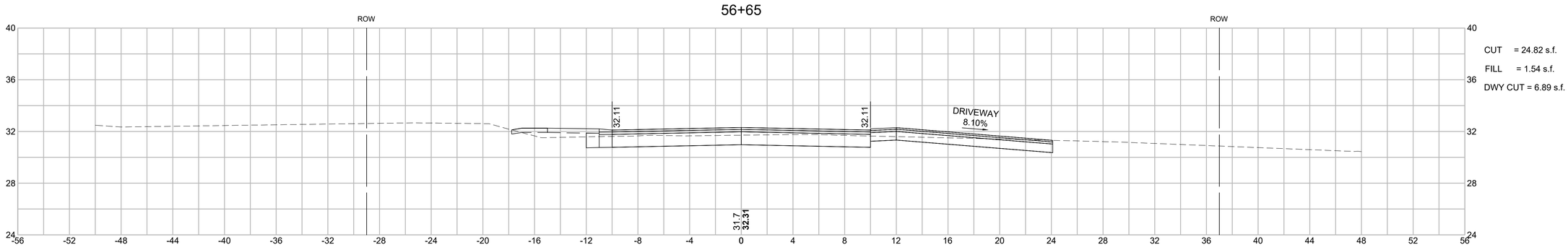
08/09/2023

DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

CRITICAL SECTIONS - LOVERS LANE

SCALE: 1"=4'

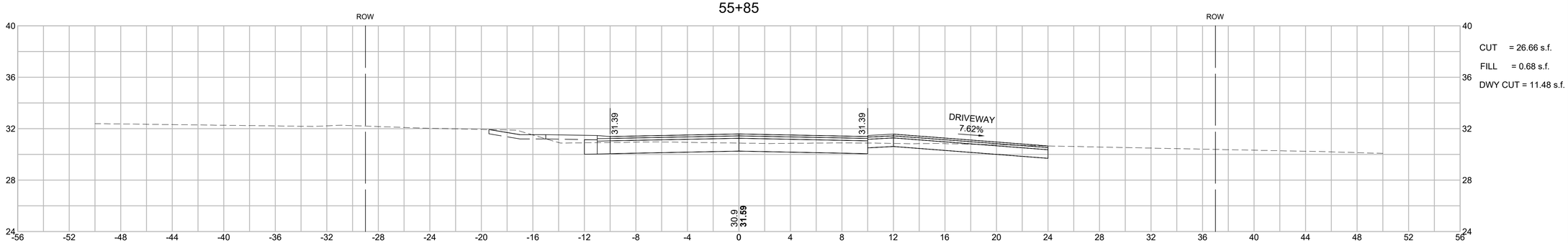
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CUT = 24.82 s.f.

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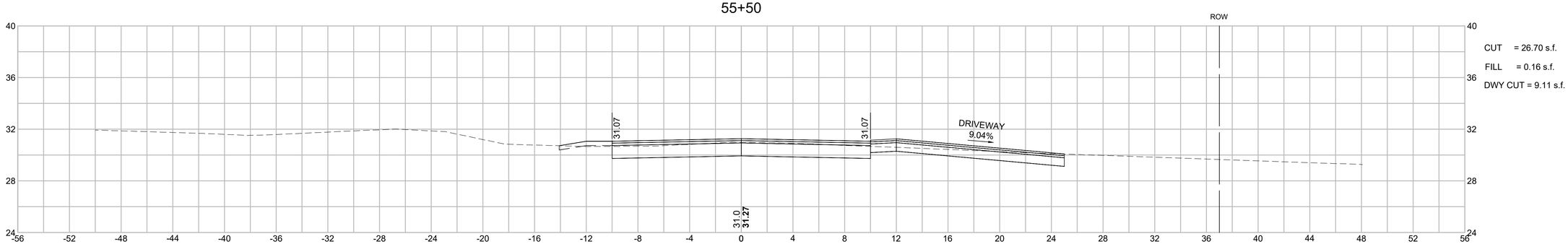
DWY CUT = 6.89 s.f.



CUT = 26.66 s.f.

FILL = 0.68 s.f.

DWY CUT = 11.48 s.f.



CUT = 26.70 s.f.

FILL = 0.16 s.f.

DWY CUT = 9.11 s.f.

HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

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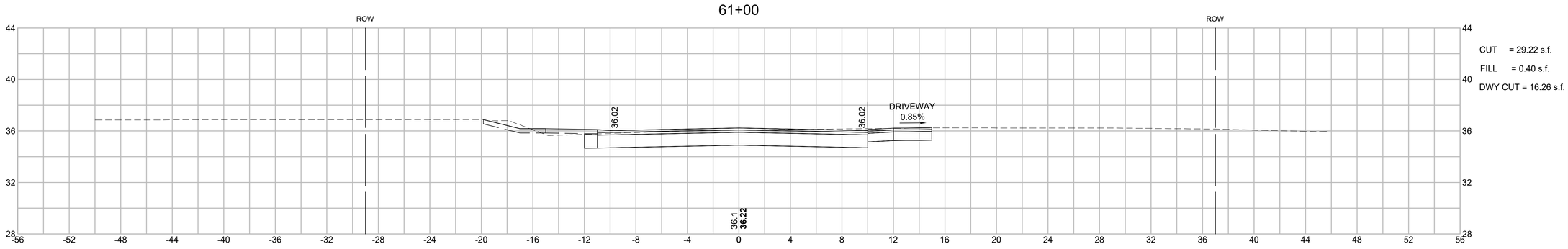
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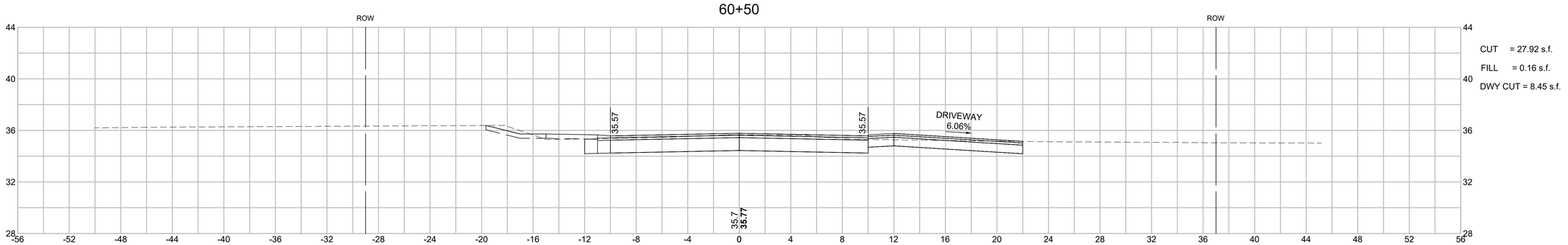
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EMD	BAM

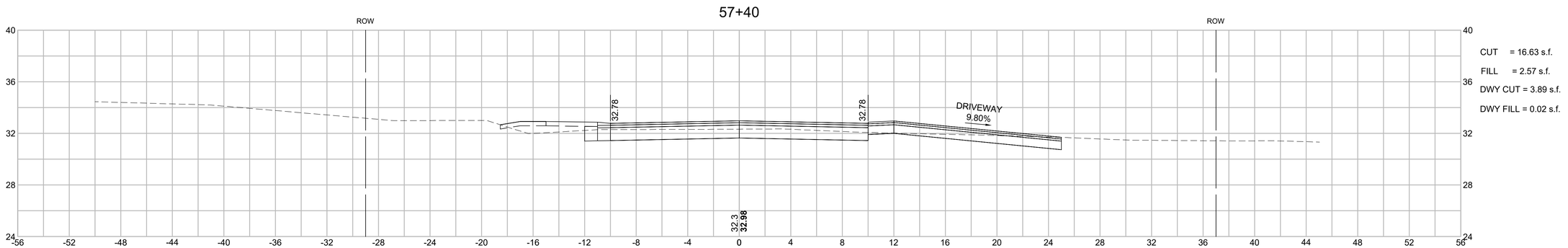
CRITICAL SECTIONS - LOVERS LANE

SCALE: 1"=4'

15119







HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

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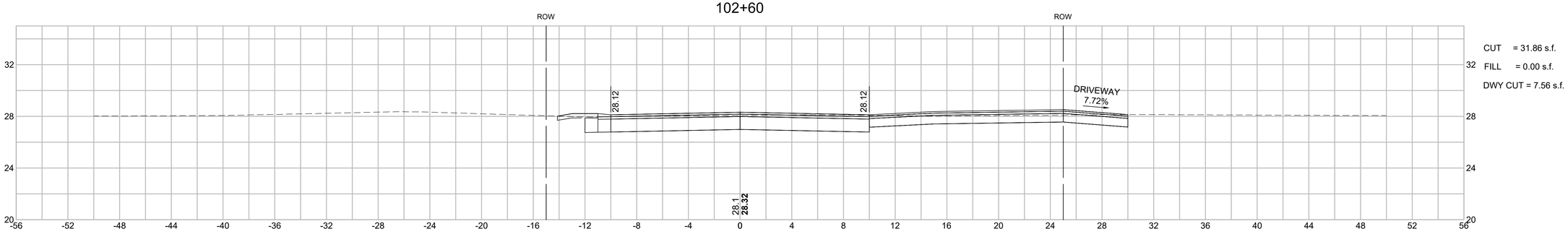
DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

CRITICAL SECTIONS - LOVERS LANE

SCALE: 1"=4'

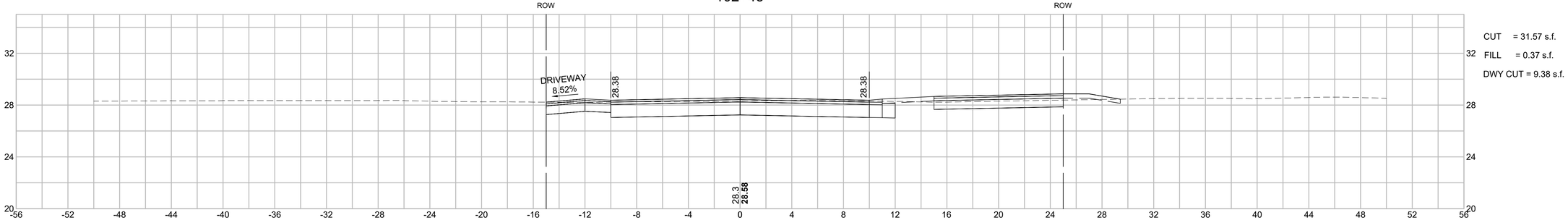
15119

102+60



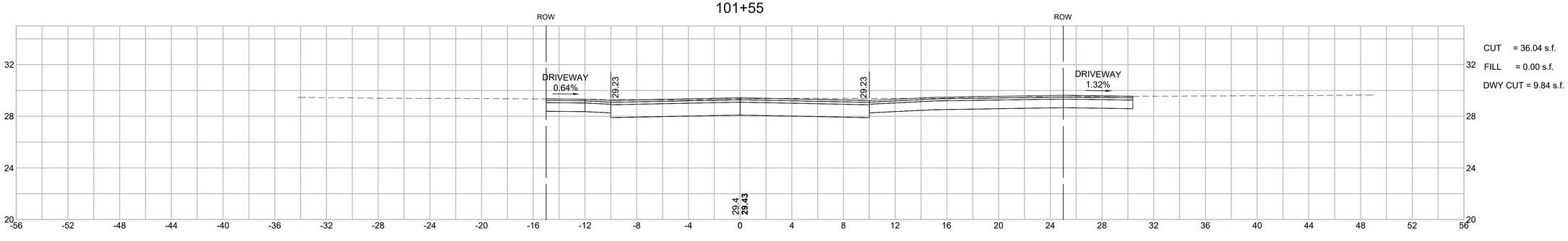
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FILL = 0.00 s.f.
DWY CUT = 7.56 s.f.

102+45



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FILL = 0.37 s.f.
DWY CUT = 9.38 s.f.

101+55



CUT = 36.04 s.f.
FILL = 0.00 s.f.
DWY CUT = 9.84 s.f.

HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

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TOWN OF NANTUCKET
16 BROAD STREET
NANTUCKET, MA 02554

SURFSIDE AREA TRANSPORTATION ENHANCEMENTS
LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MASSACHUSETTS

REVISIONS

NO.	REVISION	DATE

08/09/2023

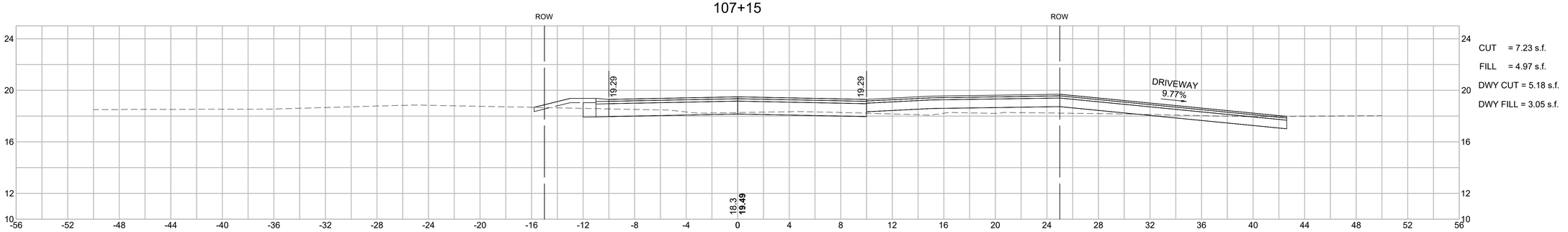
DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

CRITICAL SECTIONS - OKORWAW AVENUE

SCALE: 1"=4'

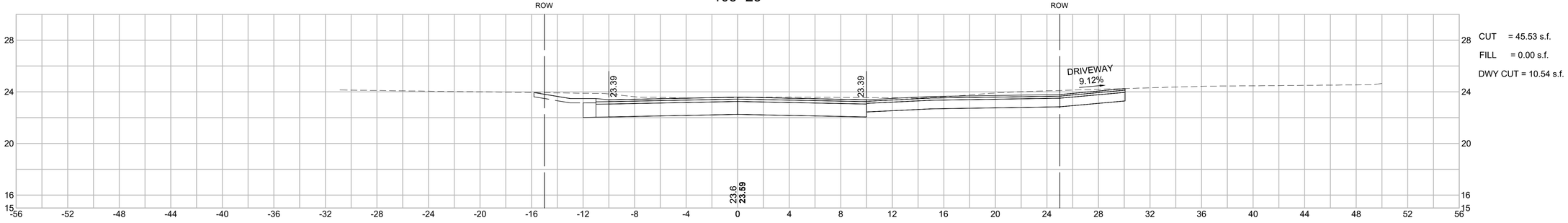
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107+15



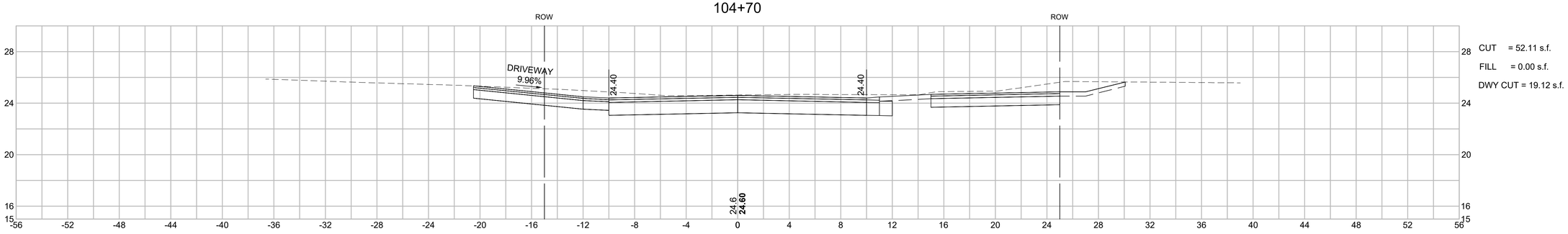
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FILL = 4.97 s.f.
DWY CUT = 5.18 s.f.
DWY FILL = 3.05 s.f.

105+25



CUT = 45.53 s.f.
FILL = 0.00 s.f.
DWY CUT = 10.54 s.f.

104+70



CUT = 52.11 s.f.
FILL = 0.00 s.f.
DWY CUT = 19.12 s.f.

HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

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NANTUCKET, MASSACHUSETTS

REVISIONS

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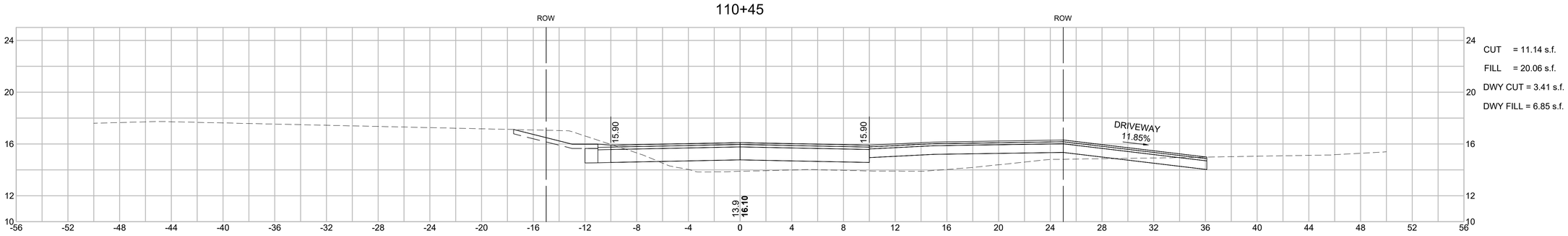
08/09/2023

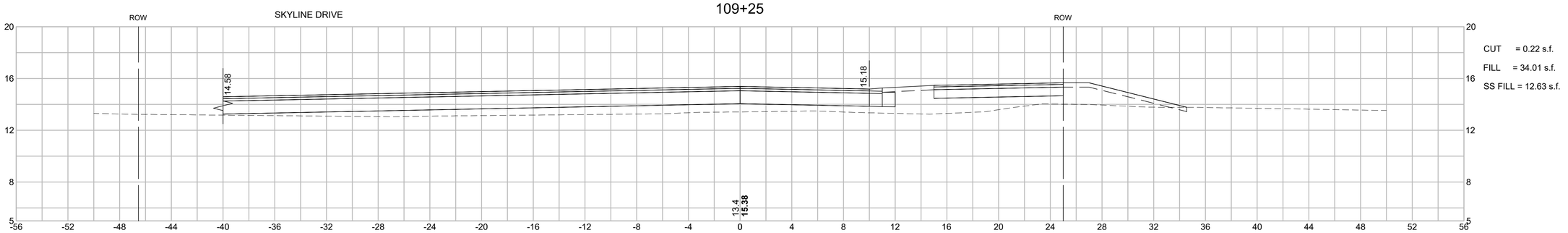
DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

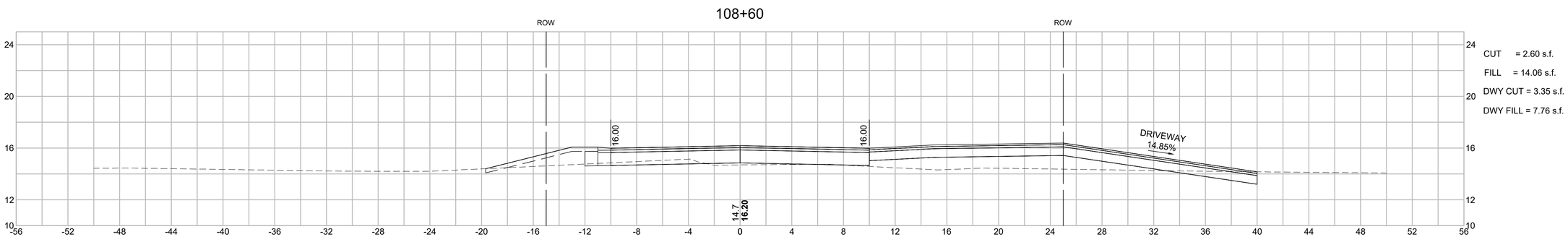
CRITICAL SECTIONS - OKORWAW AVENUE

SCALE: 1"=4'

15119







HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

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NANTUCKET, MASSACHUSETTS

REVISIONS

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08/09/2023

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EMD	BAM

CRITICAL SECTIONS - OKORWAW AVENUE

SCALE: 1"=4'

15119

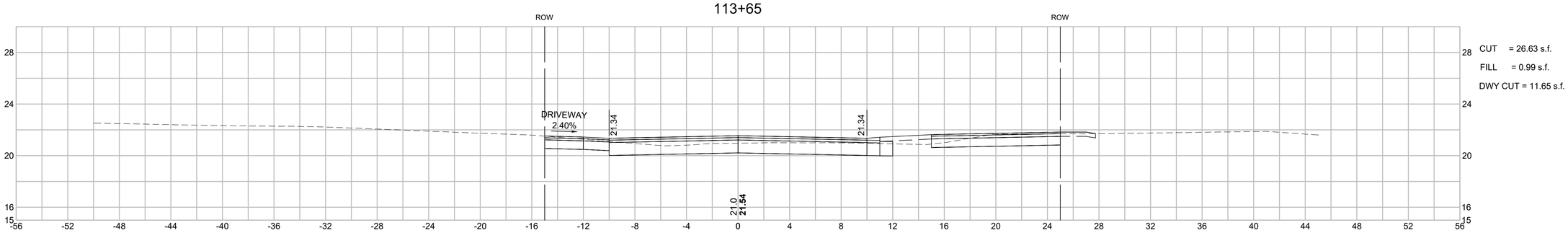
15119.01_HD (XS)_OKW_MON.DWG 8/2/2023

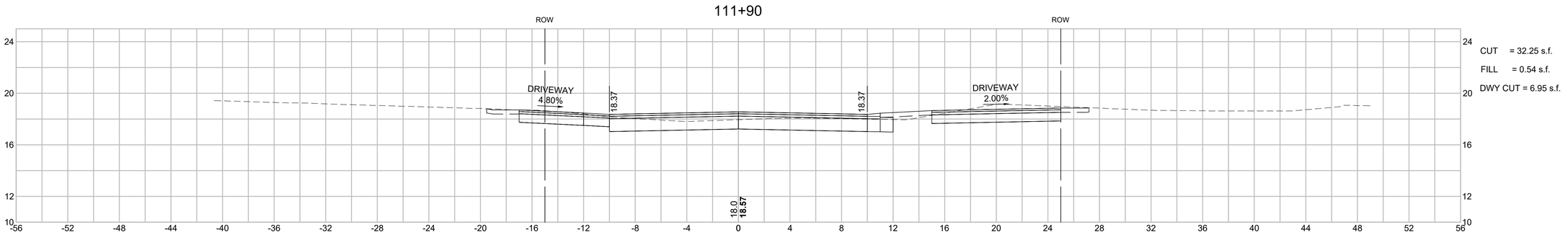
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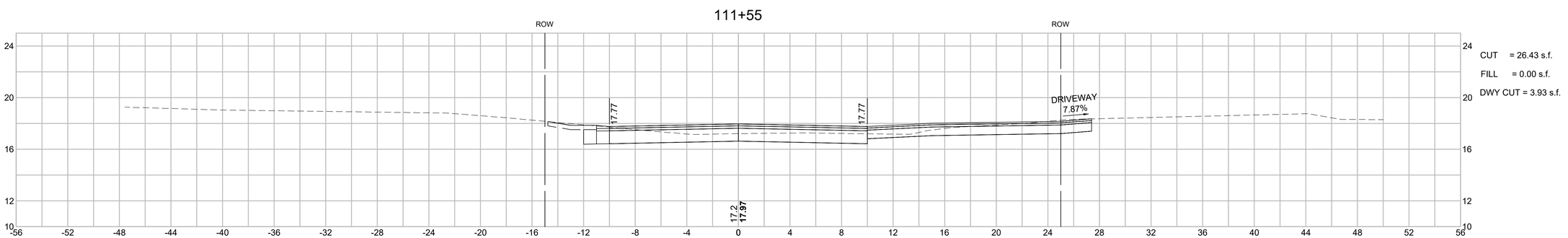
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TOWN OF NANTUCKET
16 BROAD STREET
NANTUCKET, MA 02554

SURFSIDE AREA TRANSPORTATION ENHANCEMENTS

LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MASSACHUSETTS







HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

REVISIONS

NO.	REVISION	DATE

08/09/2023

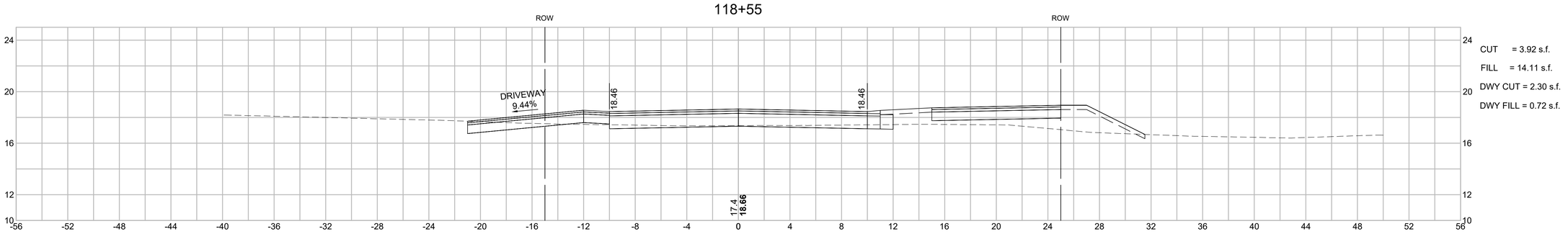
DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

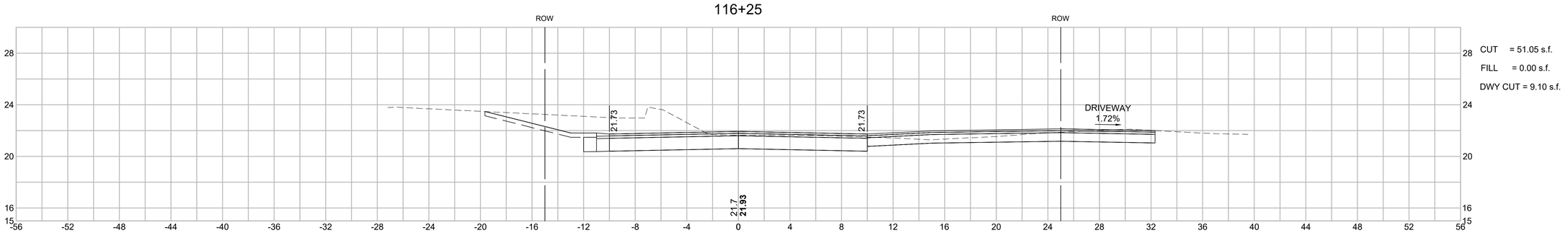
CRITICAL SECTIONS - OKORWAW AVENUE

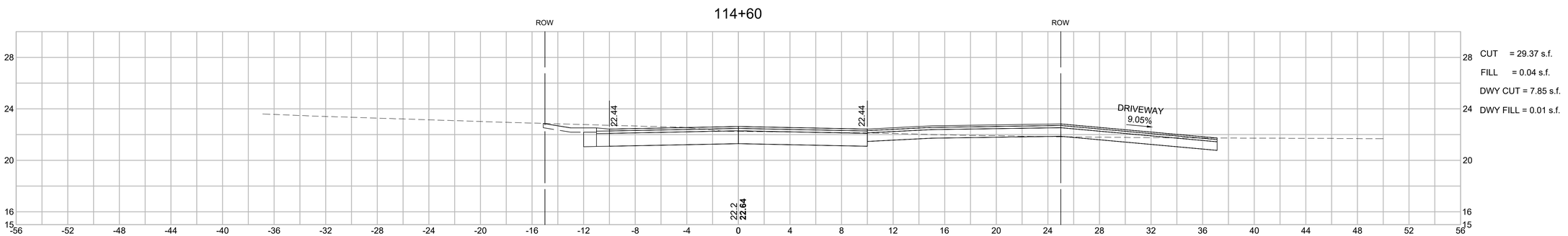
SCALE: 1"=4'

15119

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HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

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NANTUCKET, MASSACHUSETTS

REVISIONS

NO.	REVISION	DATE

08/09/2023

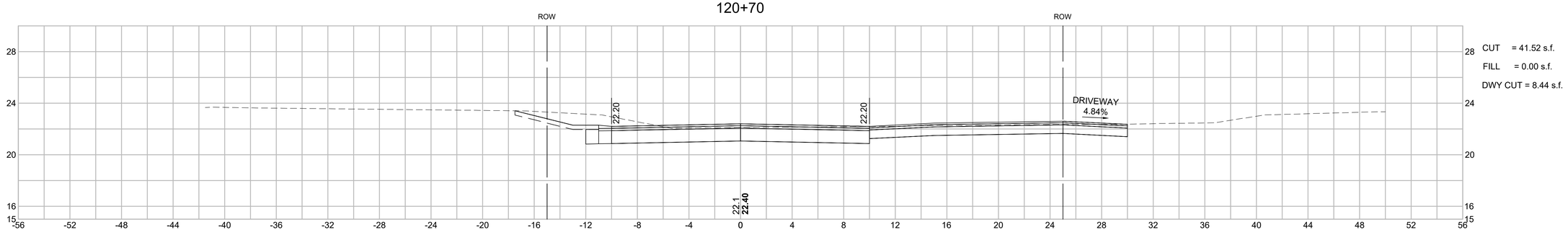
DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

CRITICAL SECTIONS - OKORWAW AVENUE

SCALE: 1"=4'

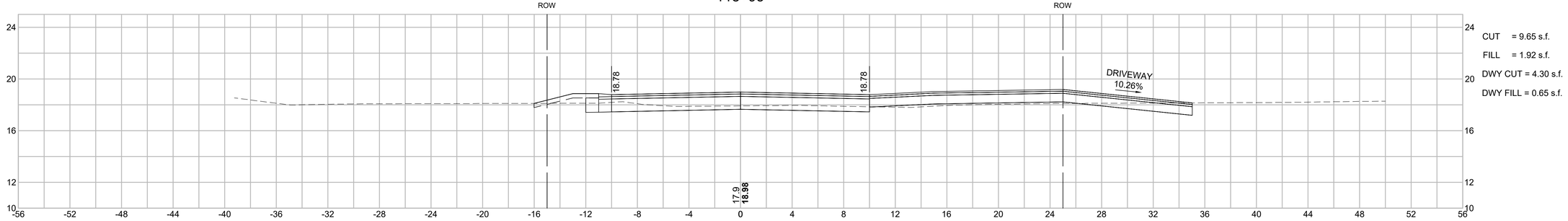
15119

120+70



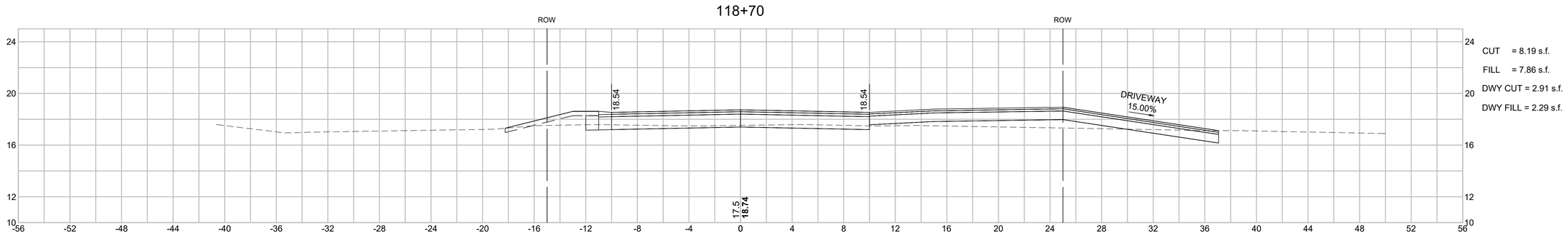
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FILL = 0.00 s.f.
DWY CUT = 8.44 s.f.

118+95



CUT = 9.65 s.f.
FILL = 1.92 s.f.
DWY CUT = 4.30 s.f.
DWY FILL = 0.65 s.f.

118+70



CUT = 8.19 s.f.
FILL = 7.86 s.f.
DWY CUT = 2.91 s.f.
DWY FILL = 2.29 s.f.

HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

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NANTUCKET, MASSACHUSETTS

REVISIONS

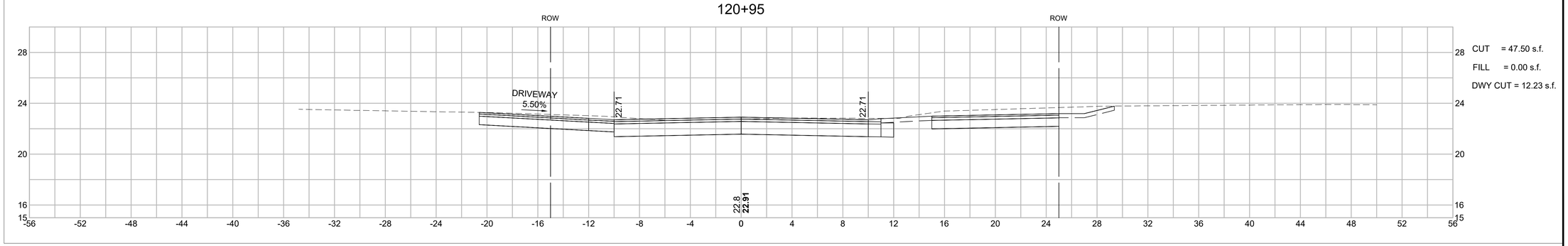
NO.	REVISION	DATE
		08/09/2023

DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

CRITICAL SECTIONS - OKORWAW AVENUE

SCALE: 1"=4'

15119



CUT = 47.50 s.f.

FILL = 0.00 s.f.

DWY CUT = 12.23 s.f.

HOR. SCALE IN FEET

4 0 4 8

4 0 4 8

VER. SCALE IN FEET

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SURFSIDE AREA TRANSPORTATION ENHANCEMENTS

LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MASSACHUSETTS

REVISIONS

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08/09/2023

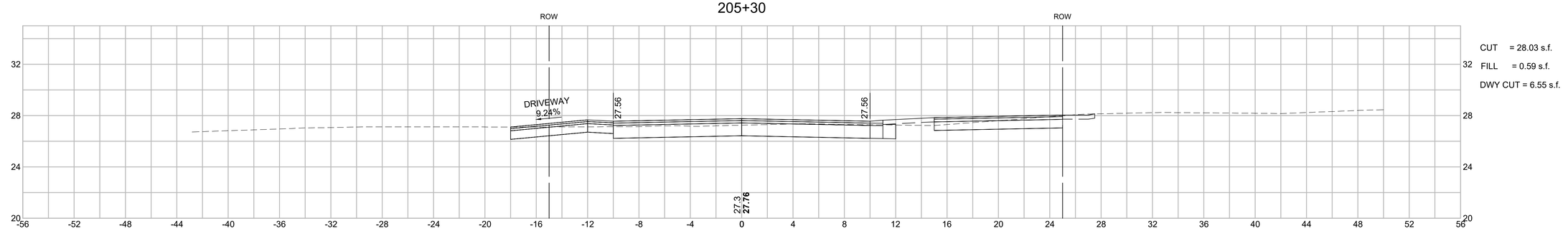
DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

CRITICAL SECTIONS - OKORWAW AVENUE

SCALE: 1"=4'

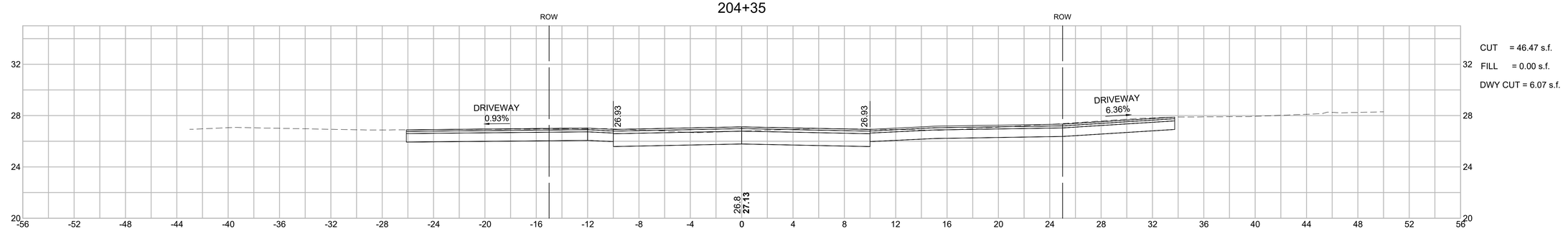
15119

205+30



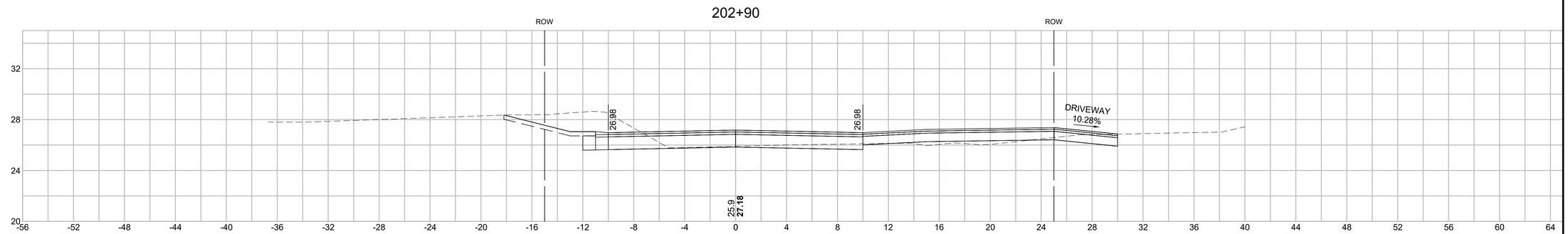
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FILL = 0.59 s.f.
DWY CUT = 6.55 s.f.

204+35



CUT = 46.47 s.f.
FILL = 0.00 s.f.
DWY CUT = 6.07 s.f.

202+90



HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

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NANTUCKET, MASSACHUSETTS

REVISIONS

NO.	REVISION	DATE

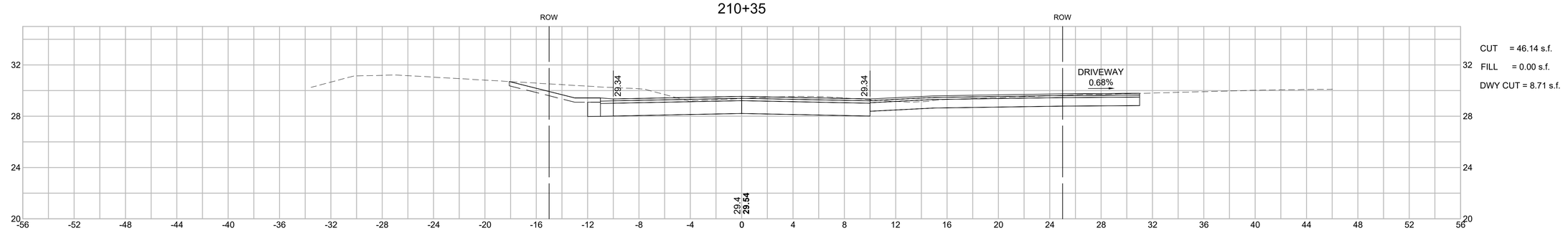
08/09/2023

DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

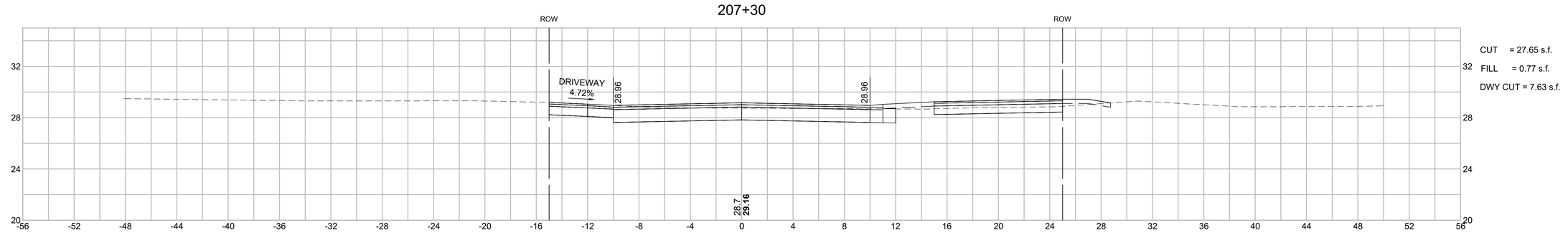
CRITICAL SECTIONS - MONOHANSETT ROAD

SCALE: 1"=4'

15119







HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

15119.01_HD (XS)_OKW_MON.DWG 8/2/2023

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NANTUCKET, MASSACHUSETTS

REVISIONS

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08/09/2023

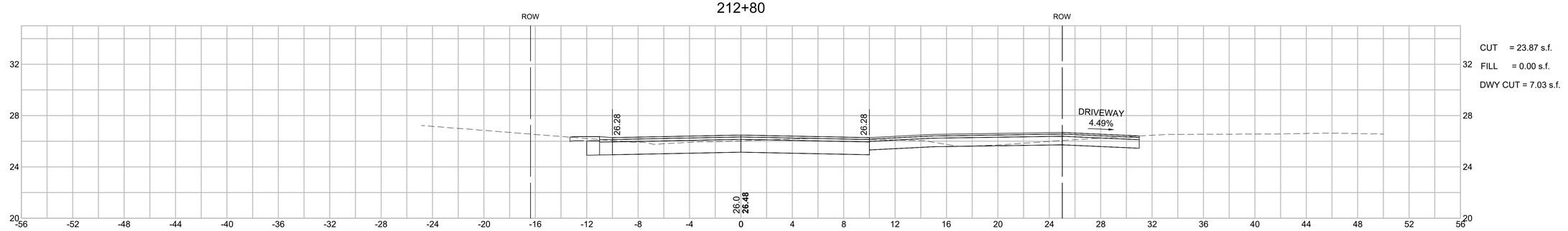
DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

CRITICAL SECTIONS - MONOHANSETT ROAD

SCALE: 1"=4'

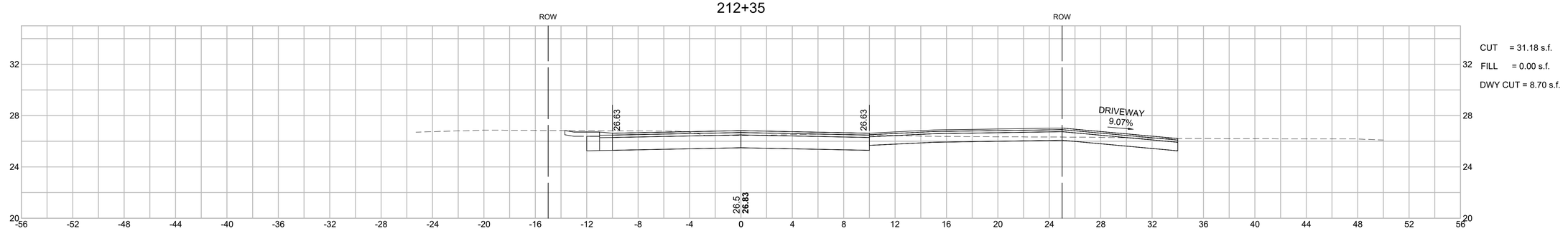
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212+80



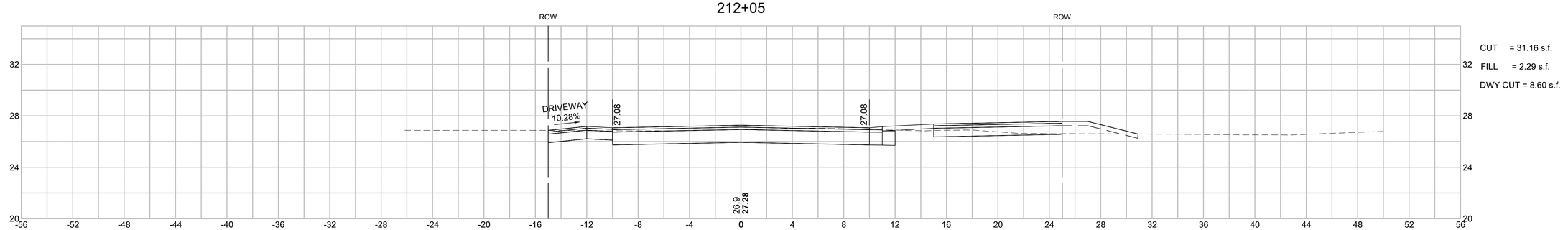
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DWY CUT = 7.03 s.f.

212+35



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FILL = 0.00 s.f.
DWY CUT = 8.70 s.f.

212+05



CUT = 31.16 s.f.
FILL = 2.29 s.f.
DWY CUT = 8.60 s.f.

HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

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NANTUCKET, MASSACHUSETTS

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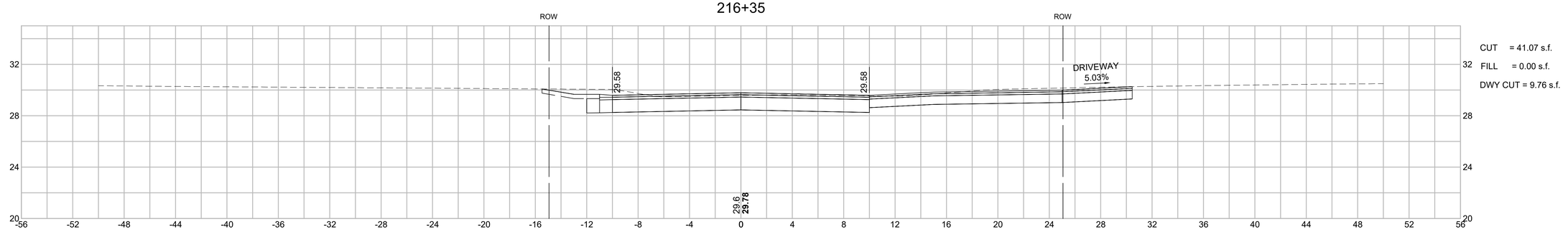
DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

CRITICAL SECTIONS - MONOHANSETT ROAD

SCALE: 1"=4'

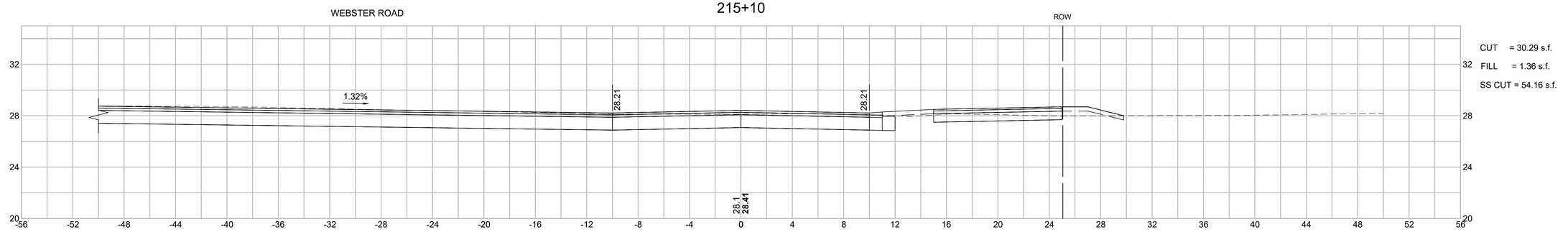
15119

216+35



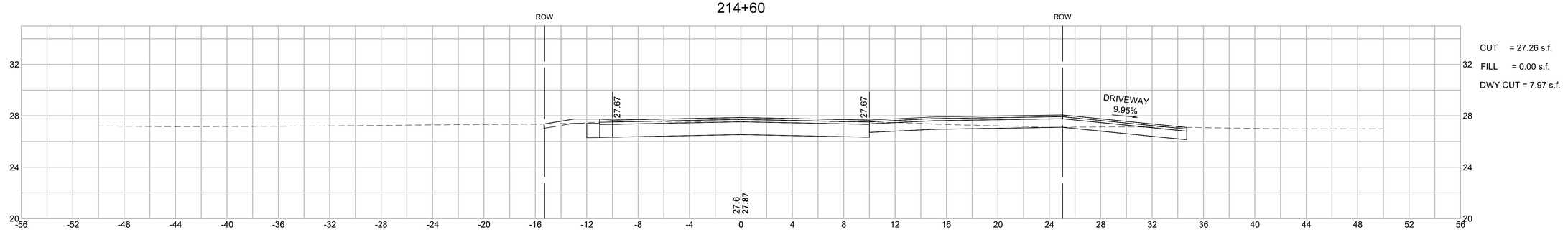
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DWY CUT = 9.76 s.f.

215+10



CUT = 30.29 s.f.
FILL = 1.36 s.f.
SS CUT = 54.16 s.f.

214+60



CUT = 27.26 s.f.
FILL = 0.00 s.f.
DWY CUT = 7.97 s.f.

HOR. SCALE IN FEET
4 0 4 8
4 0 4 8
VER. SCALE IN FEET

15119.01_HD (XS)_OKW_MON.DWG 8/2/2023

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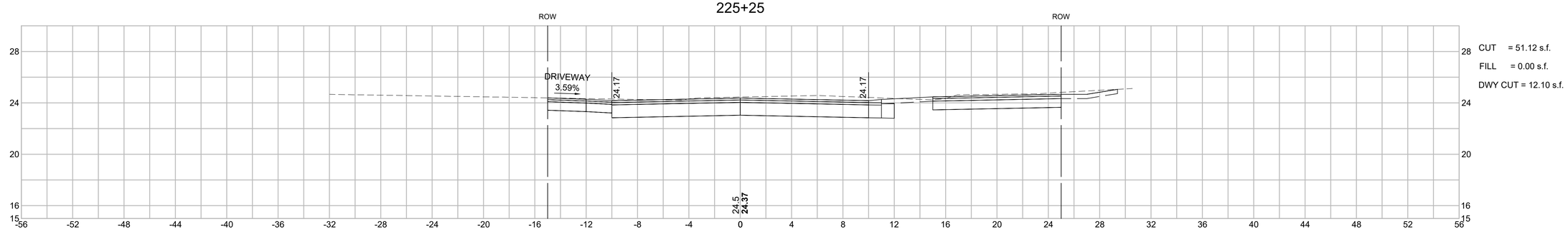
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EMD	BAM

CRITICAL SECTIONS - MONOHANSETT ROAD

SCALE: 1"=4'

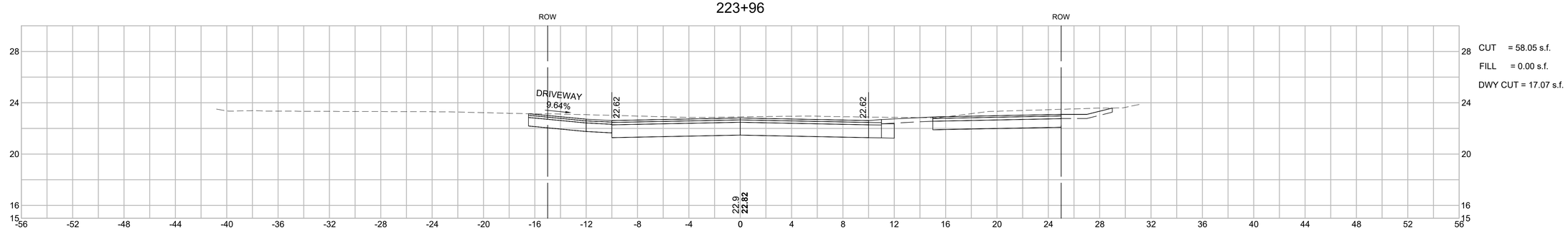
15119

225+25



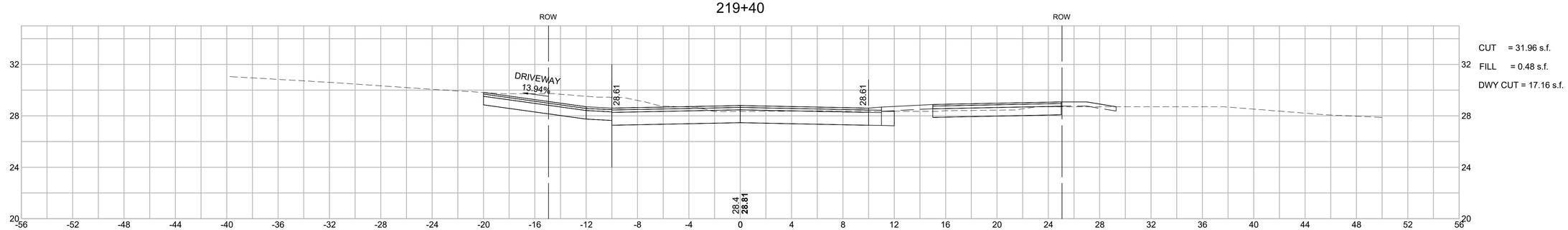
CUT = 51.12 s.f.
FILL = 0.00 s.f.
DWY CUT = 12.10 s.f.

223+96



CUT = 58.05 s.f.
FILL = 0.00 s.f.
DWY CUT = 17.07 s.f.

219+40



CUT = 31.96 s.f.
FILL = 0.48 s.f.
DWY CUT = 17.16 s.f.

HOR. SCALE IN FEET
4 0 4 8
VER. SCALE IN FEET
4 0 4 8

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16 BROAD STREET
NANTUCKET, MA 02554

SURFSIDE AREA TRANSPORTATION ENHANCEMENTS
LOVERS LANE, OKORWAW AVENUE & MONOHANSETT ROAD
NANTUCKET, MASSACHUSETTS

REVISIONS

NO.	REVISION	DATE

08/09/2023

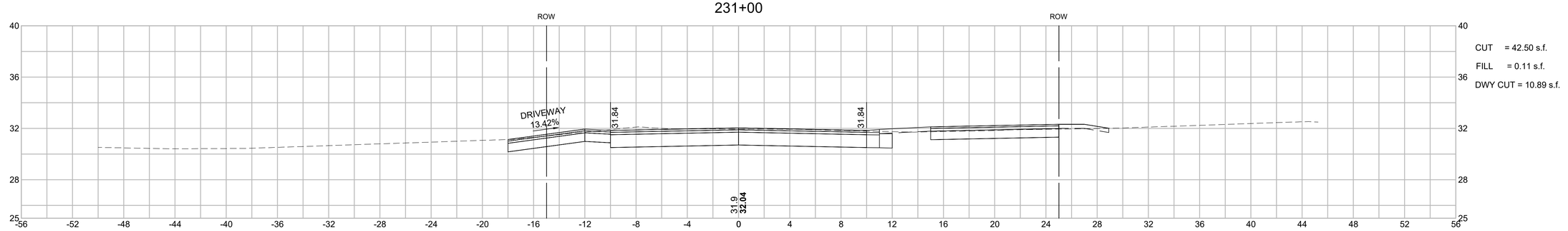
DRAWN/DESIGN BY	CHECKED BY
EMD	BAM

CRITICAL SECTIONS - MONOHANSETT ROAD

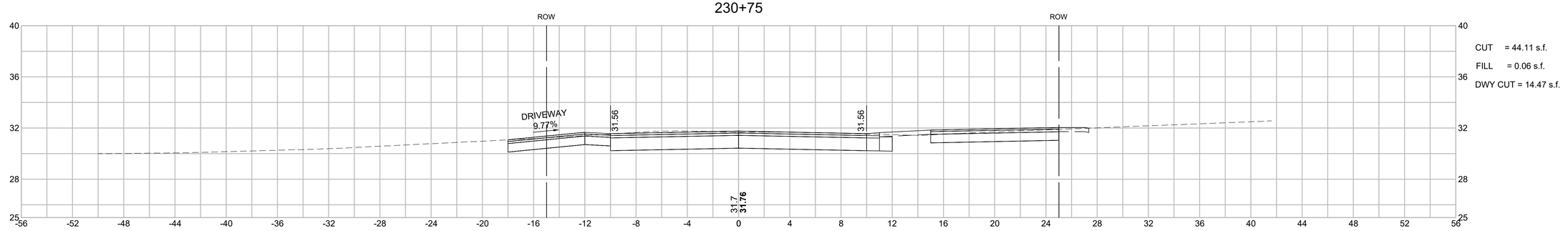
SCALE: 1"=4'

15119

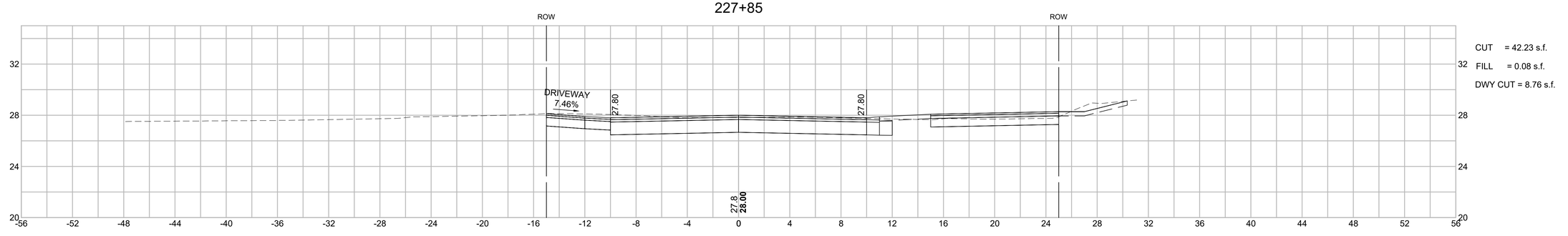
231+00



230+75



227+85



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4 0 4 8
VER. SCALE IN FEET

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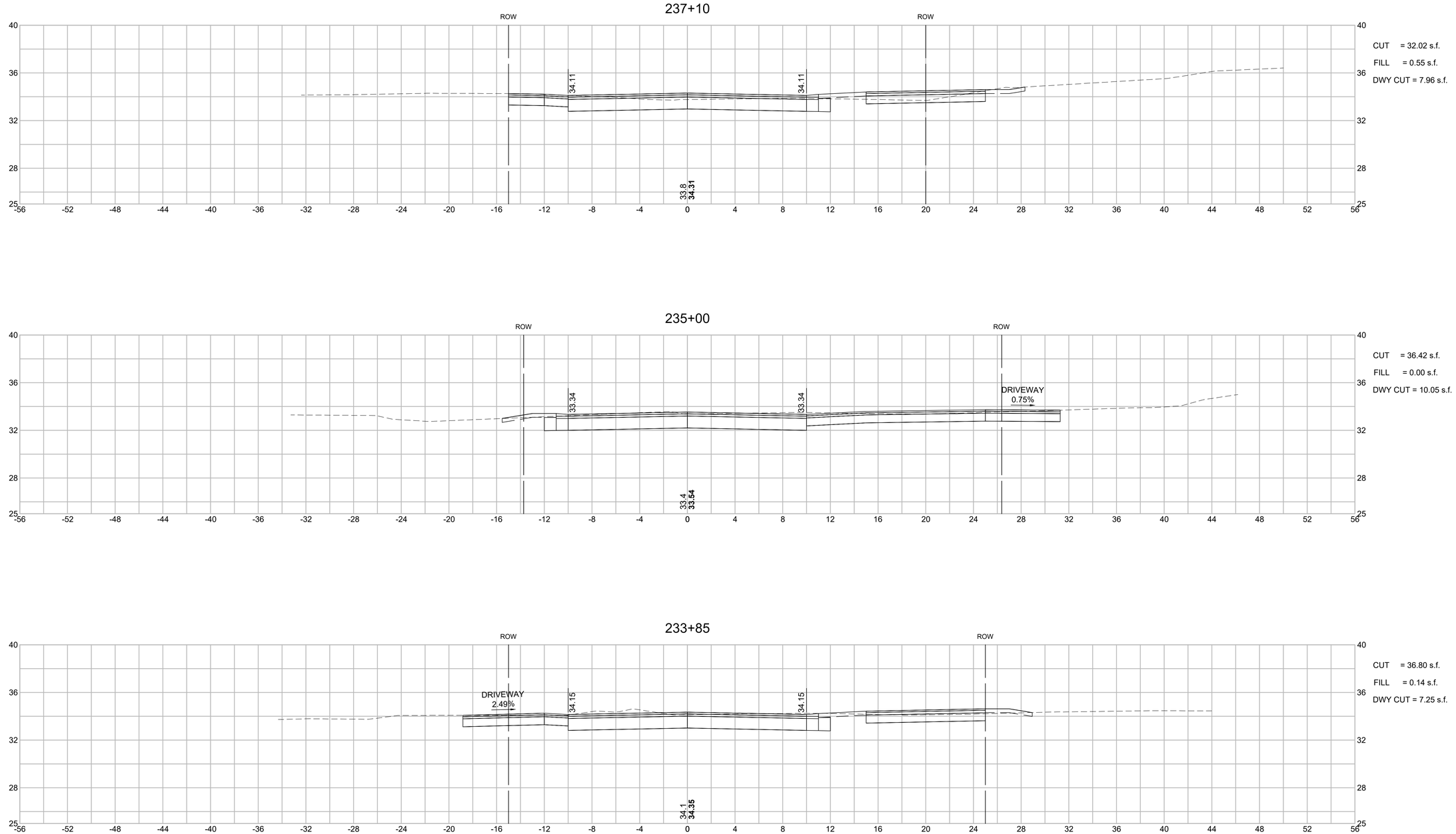
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CRITICAL SECTIONS - MONOHANSETT ROAD

SCALE: 1"=4'

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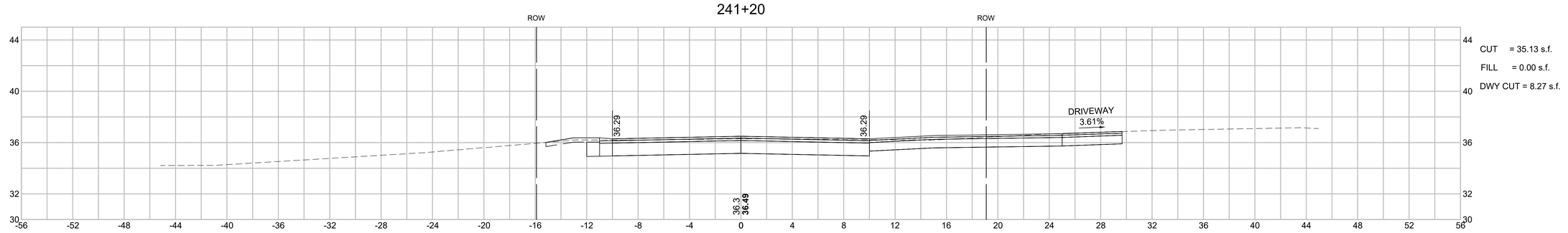
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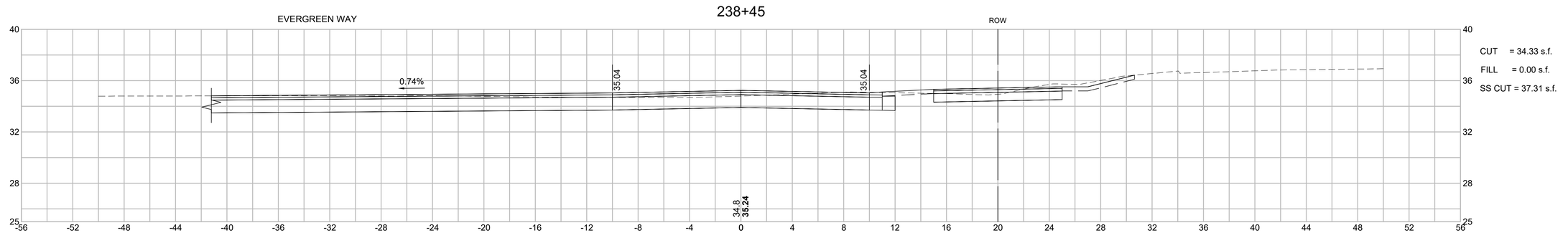
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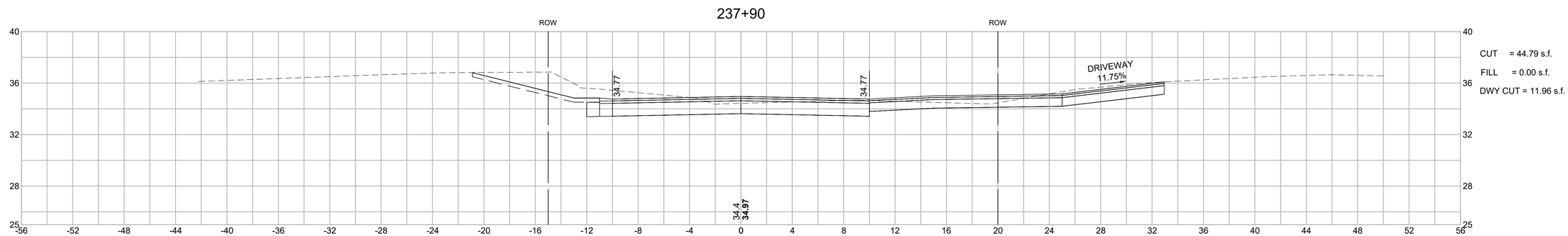
CRITICAL SECTIONS - MONOHANSETT ROAD

SCALE: 1"=4'

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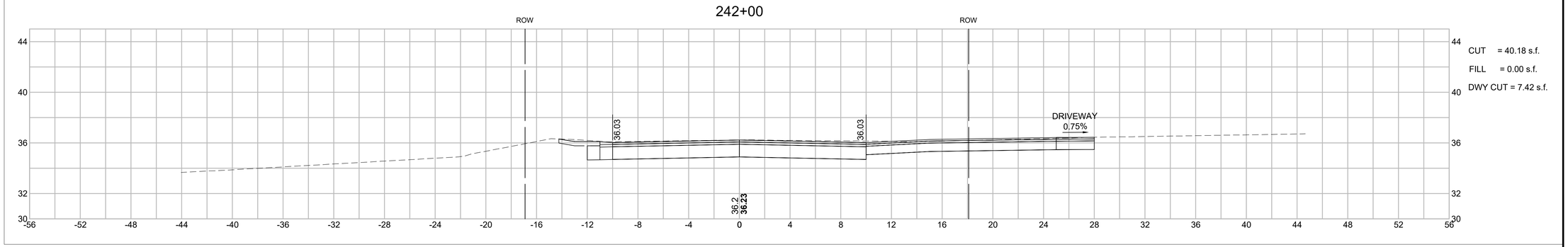
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CRITICAL SECTIONS - MONOHANSETT ROAD

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160 OF 160

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