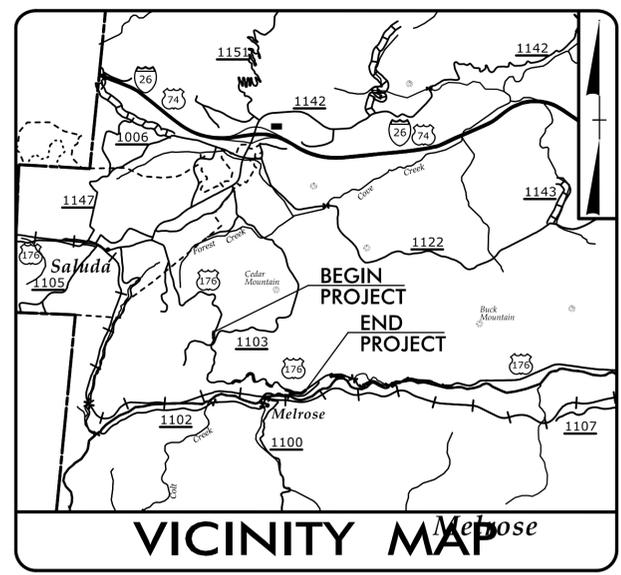


09/08/99

PROJECT: W03293



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**UTILITIES BY OTHERS PLANS
POLK COUNTY**

LOCATION: US 176

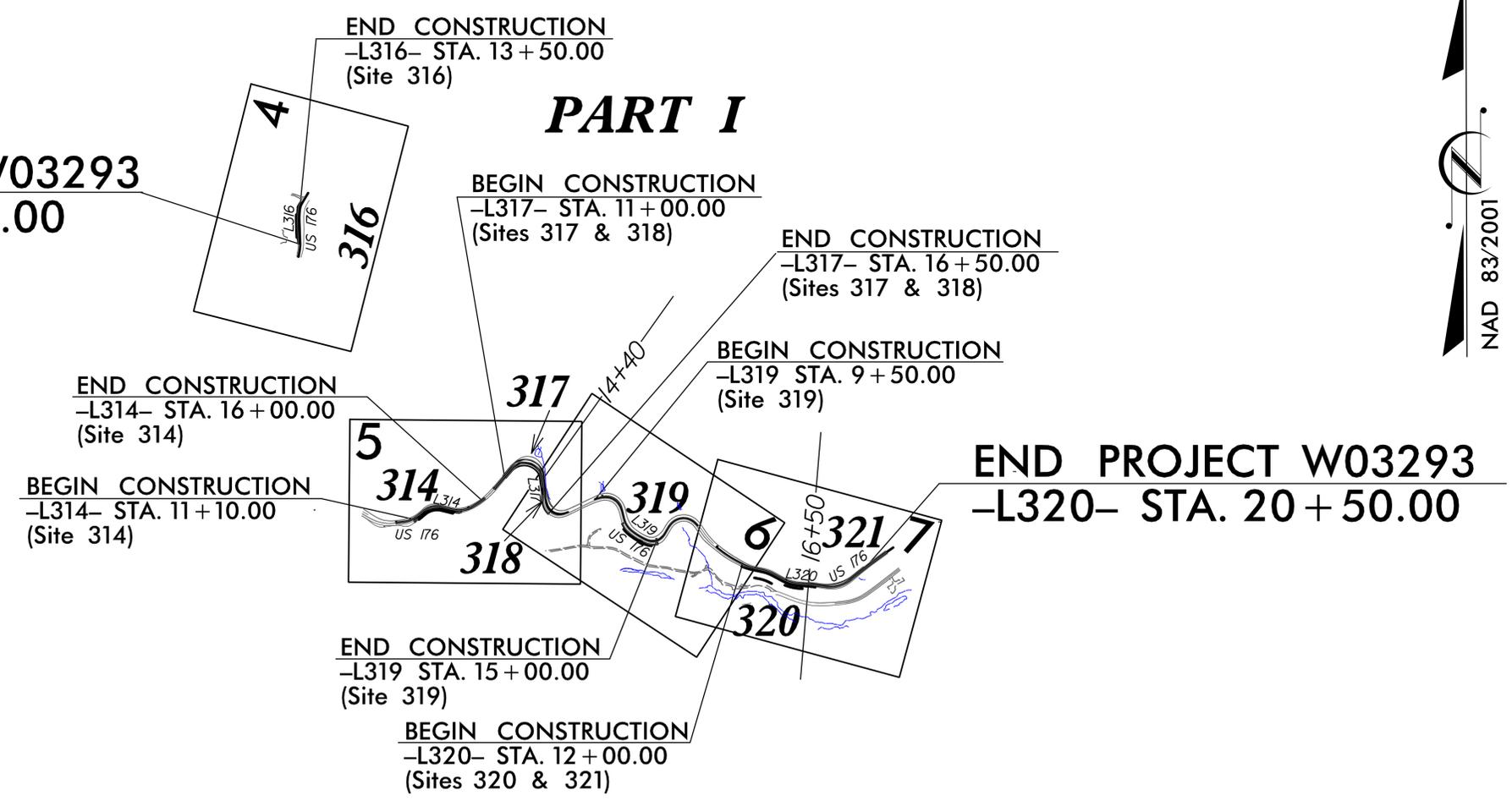
TYPE OF WORK: DISTRIBUTION POWER & COMMUNICATIONS

T.I.P. NO.	SHEET NO.
W03293	UO-1

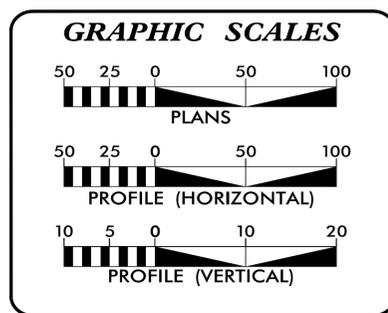
NOTE:
ALL UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR UTILITY WORK SHOWN ON THIS SHEET.

STATE PROJ. NO.	DESCRIPTION
18314.1075023	314
18314.1075025	316
18314.1075026	317
18314.1075027	318
18314.1075028	319
18314.1075029	320
18314.1075030	321

BEGIN PROJECT W03293
-L316- STA. 10 + 85.00



NAD 83/2001



INDEX OF SHEETS

SHEET NO.:	DESCRIPTION:
UO-1	TITLE SHEET
UO-2	SYMBOLGY SHEET
UO-4 - UO-7	UBO PLAN SHEETS

UTILITY OWNERS WITH CONFLICTS

(A) POWER - DUKE ENERGY
(B) COMMUNICATIONS - MCNC
(C) COMMUNICATIONS - DUKE FIBER
(D) COMMUNICATIONS - RIVERSTREET

PREPARED IN THE OFFICE OF:

TELICS
1598 WESTBROOK PLAZA DR.
SUITE 202
WINSTON-SALEM, NC 27103
(336) 705-8844

CORY WOOD UTILITY PROJECT MANAGER
CORY WOOD PROJECT UTILITY COORDINATOR

DIVISION OF HIGHWAYS
DIVISION 14
253 WEBSTER ROAD
SYLVA, NC 28779

BOB GOLDING DIVISION UTILITY ENGINEER
ROBERT DYER ASST. DIVISION UTILITY ENGINEER

05/20/24

Note: Not to Scale

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

BOUNDARIES AND PROPERTY:

State Line	_____
County Line	_____
Township Line	_____
City Line	_____
Reservation Line	_____
Property Line	_____
Existing Iron Pin (EIP)	○
Computed Property Corner	×
Existing Concrete Monument (ECM)	□
Parcel / Sequence Number	123
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	□
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	---WLB---
Proposed Wetland Boundary	---WLB---
Existing Endangered Animal Boundary	---EAB---
Existing Endangered Plant Boundary	---EPB---
Existing Historic Property Boundary	---HPB---
Known Contamination Area: Soil	---S---
Potential Contamination Area: Soil	---S---
Known Contamination Area: Water	---W---
Potential Contamination Area: Water	---W---
Contaminated Site: Known or Potential	☠ ☡
BUILDINGS AND OTHER CULTURE:	
Gas Pump Vent or U/G Tank Cap	○
Sign	○
Well	○
Small Mine	✕
Foundation	□
Area Outline	□
Cemetery	□
Building	□
School	□
Church	□
Dam	_____
HYDROLOGY:	
Stream or Body of Water	_____
Hydro, Pool or Reservoir	□
Jurisdictional Stream	---JS---
Buffer Zone 1	---BZ 1---
Buffer Zone 2	---BZ 2---
Flow Arrow	←
Disappearing Stream	→
Spring	○
Wetland	✕
Proposed Lateral, Tail, Head Ditch	_____
False Sump	_____

RAILROADS:

Standard Gauge	_____
RR Signal Milepost	_____
Switch	_____
RR Abandoned	_____
RR Dismantled	_____

RIGHT OF WAY & PROJECT CONTROL:

Primary Horiz Control Point	_____
Primary Horiz and Vert Control Point	_____
Secondary Horiz and Vert Control Point	_____
Vertical Benchmark	_____
Existing Right of Way Monument	_____
Proposed Right of Way Monument (Rebar and Cap)	_____
Proposed Right of Way Monument (Concrete)	_____
Existing Permanent Easement Monument	_____
Proposed Permanent Easement Monument (Rebar and Cap)	_____
Existing C/A Monument	_____
Proposed C/A Monument (Rebar and Cap)	_____
Proposed C/A Monument (Concrete)	_____
Existing Right of Way Line	_____
Proposed Right of Way Line	_____
Existing Control of Access Line	_____
Proposed Control of Access Line	_____
Proposed ROW and CA Line	_____
Existing Easement Line	_____
Proposed Temporary Construction Easement	_____
Proposed Temporary Drainage Easement	_____
Proposed Permanent Drainage Easement	_____
Proposed Permanent Drainage/Utility Easement	_____
Proposed Permanent Utility Easement	_____
Proposed Temporary Utility Easement	_____
Proposed Aerial Utility Easement	_____

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	_____
Existing Curb	_____
Proposed Slope Stakes Cut	_____
Proposed Slope Stakes Fill	_____
Proposed Curb Ramp	_____
Existing Metal Guardrail	_____
Proposed Guardrail	_____
Existing Cable Guiderail	_____
Proposed Cable Guiderail	_____
Equality Symbol	_____
Pavement Removal	_____

VEGETATION:

Single Tree	_____
Single Shrub	_____
Hedge	_____

Woods Line	_____
Orchard	_____
Vineyard	_____

EXISTING STRUCTURES:

MAJOR:	_____
Bridge, Tunnel or Box Culvert	_____
Bridge Wing Wall, Head Wall and End Wall	_____
MINOR:	_____
Head and End Wall	_____
Pipe Culvert	_____
Footbridge	_____
Drainage Box: Catch Basin, DI or JB	_____
Paved Ditch Gutter	_____
Storm Sewer Manhole	_____
Storm Sewer	_____

UTILITIES:

* SUE - Subsurface Utility Engineering	
LOS - Level of Service - A,B,C or D (Accuracy)	
POWER:	
Existing Power Pole	_____
Proposed Power Pole	_____
Existing Joint Use Pole	_____
Proposed Joint Use Pole	_____
Power Manhole	_____
Power Line Tower	_____
Power Transformer	_____
U/G Power Cable Hand Hole	_____
H-Frame Pole	_____
U/G Power Line Test Hole (SUE - LOS A)*	_____
U/G Power Line (SUE - LOS B)*	_____
U/G Power Line (SUE - LOS C)*	_____
U/G Power Line (SUE - LOS D)*	_____
TELEPHONE:	
Existing Telephone Pole	_____
Proposed Telephone Pole	_____
Telephone Manhole	_____
Telephone Pedestal	_____
Telephone Cell Tower	_____
U/G Telephone Cable Hand Hole	_____
U/G Telephone Test Hole (SUE - LOS A)*	_____
U/G Telephone Cable (SUE - LOS B)*	_____
U/G Telephone Cable (SUE - LOS C)*	_____
U/G Telephone Cable (SUE - LOS D)*	_____
U/G Telephone Conduit (SUE - LOS B)*	_____
U/G Telephone Conduit (SUE - LOS C)*	_____
U/G Telephone Conduit (SUE - LOS D)*	_____
U/G Fiber Optics Cable (SUE - LOS B)*	_____
U/G Fiber Optics Cable (SUE - LOS C)*	_____
U/G Fiber Optics Cable (SUE - LOS D)*	_____

WATER:

Water Manhole	_____
Water Meter	_____
Water Valve	_____
Water Hydrant	_____
U/G Water Line Test Hole (SUE - LOS A)*	_____
U/G Water Line (SUE - LOS B)*	_____
U/G Water Line (SUE - LOS C)*	_____
U/G Water Line (SUE - LOS D)*	_____
Above Ground Water Line	_____

TV:

TV Pedestal	_____
TV Tower	_____
U/G TV Cable Hand Hole	_____
U/G TV Test Hole (SUE - LOS A)*	_____
U/G TV Cable (SUE - LOS B)*	_____
U/G TV Cable (SUE - LOS C)*	_____
U/G TV Cable (SUE - LOS D)*	_____
U/G Fiber Optic Cable (SUE - LOS B)*	_____
U/G Fiber Optic Cable (SUE - LOS C)*	_____
U/G Fiber Optic Cable (SUE - LOS D)*	_____

GAS:

Gas Valve	_____
Gas Meter	_____
U/G Gas Line Test Hole (SUE - LOS A)*	_____
U/G Gas Line (SUE - LOS B)*	_____
U/G Gas Line (SUE - LOS C)*	_____
U/G Gas Line (SUE - LOS D)*	_____
Above Ground Gas Line	_____

SANITARY SEWER:

Sanitary Sewer Manhole	_____
Sanitary Sewer Cleanout	_____
U/G Sanitary Sewer Line	_____
Above Ground Sanitary Sewer	_____
SS Force Main Line Test Hole (SUE - LOS A)*	_____
SS Force Main Line (SUE - LOS B)*	_____
SS Force Main Line (SUE - LOS C)*	_____
SS Force Main Line (SUE - LOS D)*	_____

MISCELLANEOUS:

Utility Pole	_____
Utility Pole with Base	_____
Utility Located Object	_____
Utility Traffic Signal Box	_____
Utility Unknown U/G Line (SUE - LOS B)*	_____
U/G Tank; Water, Gas, Oil	_____
Underground Storage Tank, Approx. Loc.	_____
A/G Tank; Water, Gas, Oil	_____
Geoenvironmental Boring	_____
Abandoned According to Utility Records	_____
End of Information	_____

5/14/99

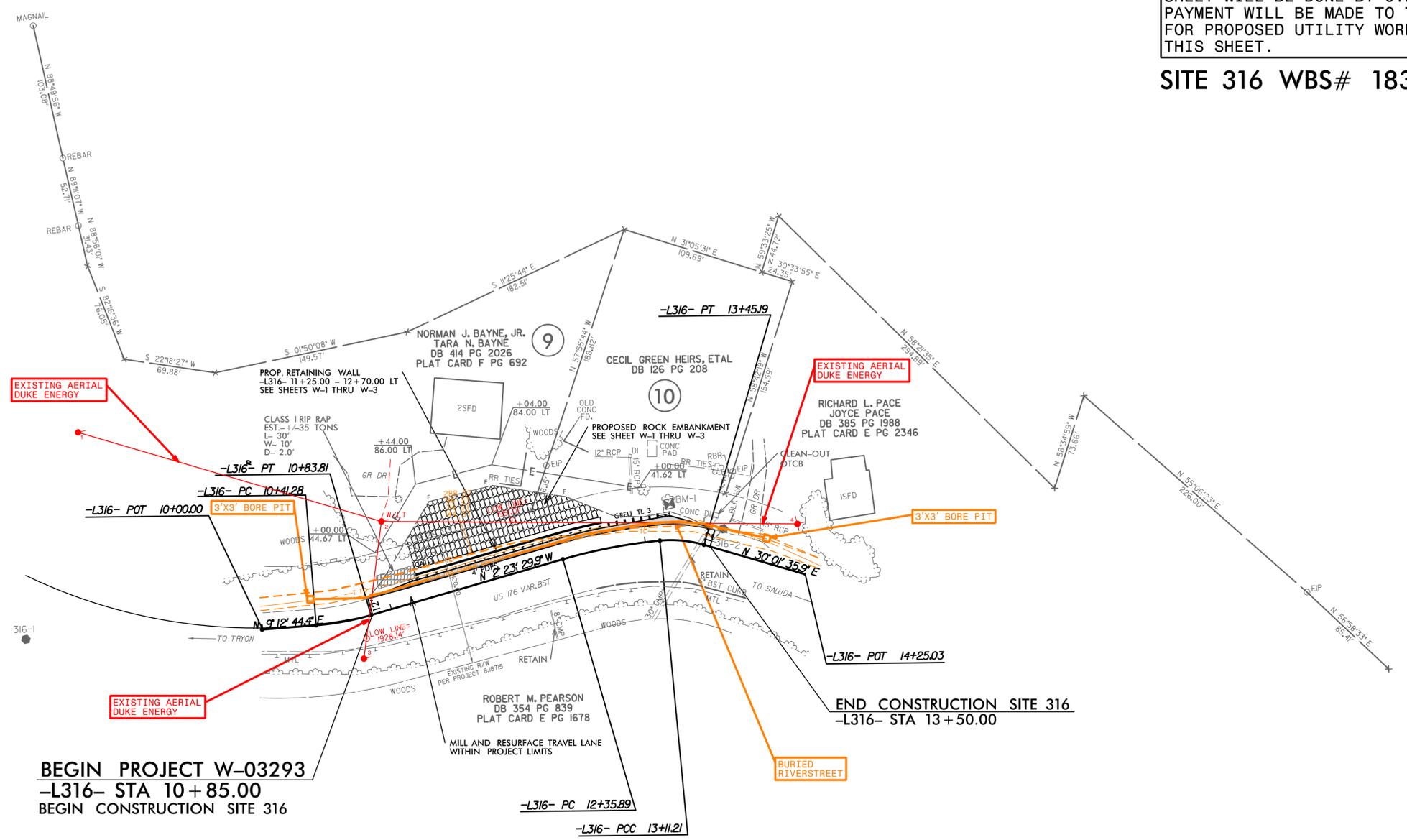
PROJECT REFERENCE NO.	SHEET NO.
W03293	U0-4
THIS SHEET CORRESPONDS TO RDY-4	



UTILITIES BY OTHERS

ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.

SITE 316 WBS# 18314.1075025



BEGIN PROJECT W-03293
-L316- STA 10+85.00
BEGIN CONSTRUCTION SITE 316

END CONSTRUCTION SITE 316
-L316- STA 13+50.00

-L316- CURVE DATA

PI Sta	PI Sta	PI Sta
10+62.62	12+73.66	13+28.41
$\Delta = 11' 36" 14.4" (LT)$	$\Delta = 10' 41" 22.5" (RT)$	$\Delta = 21' 37" 43.3" (RT)$
$D = 27' 17" 01.3"$	$D = 14' 19" 26.2"$	$D = 63' 39" 43.1"$
$L = 42.53'$	$L = 75.33'$	$L = 33.97'$
$T = 21.34'$	$T = 37.77'$	$T = 17.19'$
$R = 210.00'$	$R = 400.00'$	$R = 90.00'$
SE = EXIST.	SE = EXIST.	SE = EXIST.

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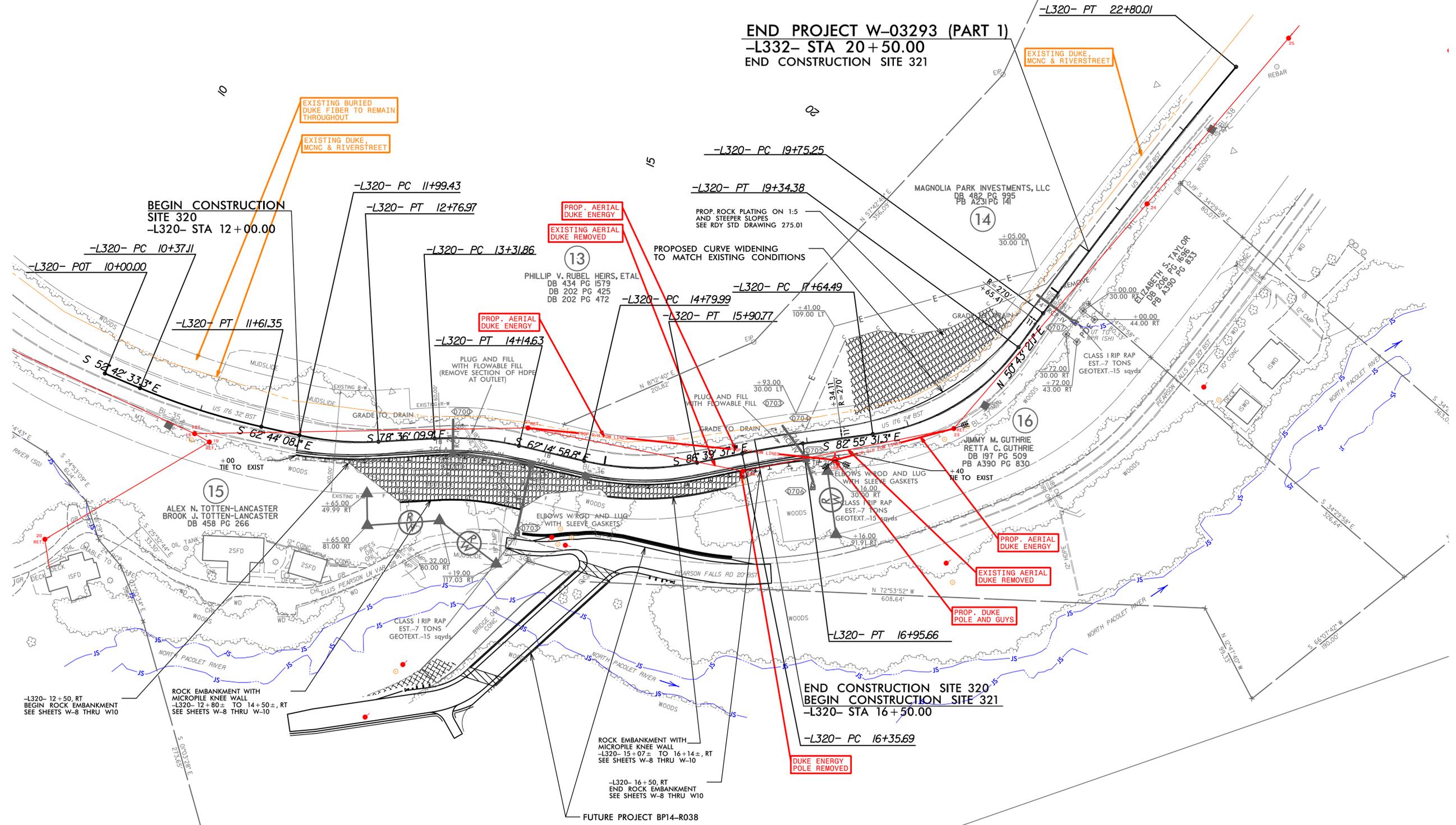
-L320- CURVE DATA

PI Sta 10+99.39 Δ = 10° 01' 34.8" (LT) D = 8' 04' 11.4" L = 124.24' T = 62.28' R = 710.00' SE = EXIST.	PI Sta 12+38.45 Δ = 15° 52' 01.8" (LT) D = 20' 27' 46.0" L = 77.54' T = 39.02' R = 280.00' SE = EXIST.	PI Sta 13+73.53 Δ = 16° 21' 11" (RT) D = 19' 45' 25.8" L = 82.77' T = 41.67' R = 260.00' SE = EXIST.	PI Sta 15+36.23 Δ = 24° 24' 38.2" (LT) D = 22' 02' 12.6" L = 110.77' T = 56.24' R = 260.00' SE = EXIST.	PI Sta 16+65.69 Δ = 3° 44' 05.8" (RT) D = 6' 13' 40.1" L = 59.97' T = 30.00' R = 920.00' SE = EXIST.	PI Sta 18+54.39 Δ = 46° 21' 07.6" (LT) D = 27' 17' 01.3" L = 169.89' T = 89.90' R = 210.00' SE = EXIST.	PI Sta 21+27.70 Δ = 4° 06' 20.2" (RT) D = 1' 20' 49.9" L = 304.75' T = 152.44' R = 4253.00' SE = EXIST.
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UTILITIES BY OTHERS

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SITE 320 WBS# 18314.1075029
SITE 321 WBS# 18314.1075030



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