PROJECT MANAGER Hang "Jenny" Ha, P.E. (703)259-2907 NOVA District
SURVEYED BY, DATE Leon. E. Treutle LS (703)259-3224 7/17/13
DESIGN BY Thomas E. Algner P.E. (804)786-1560 Central Office
SUBSURFACE UTILITY BY, DATE Leon E. Treutle LS (703)259-3224 7/17/13

ADDITIONAL EASEMENTS WILL BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	1	0001-212-249, PE-101	15

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT Location & Design Richmond, Virginia ROADWAY ENGINEER	VDOT Location & Design Richmond, Virginia HYDRAULIC ENGINEER

PH PLANS

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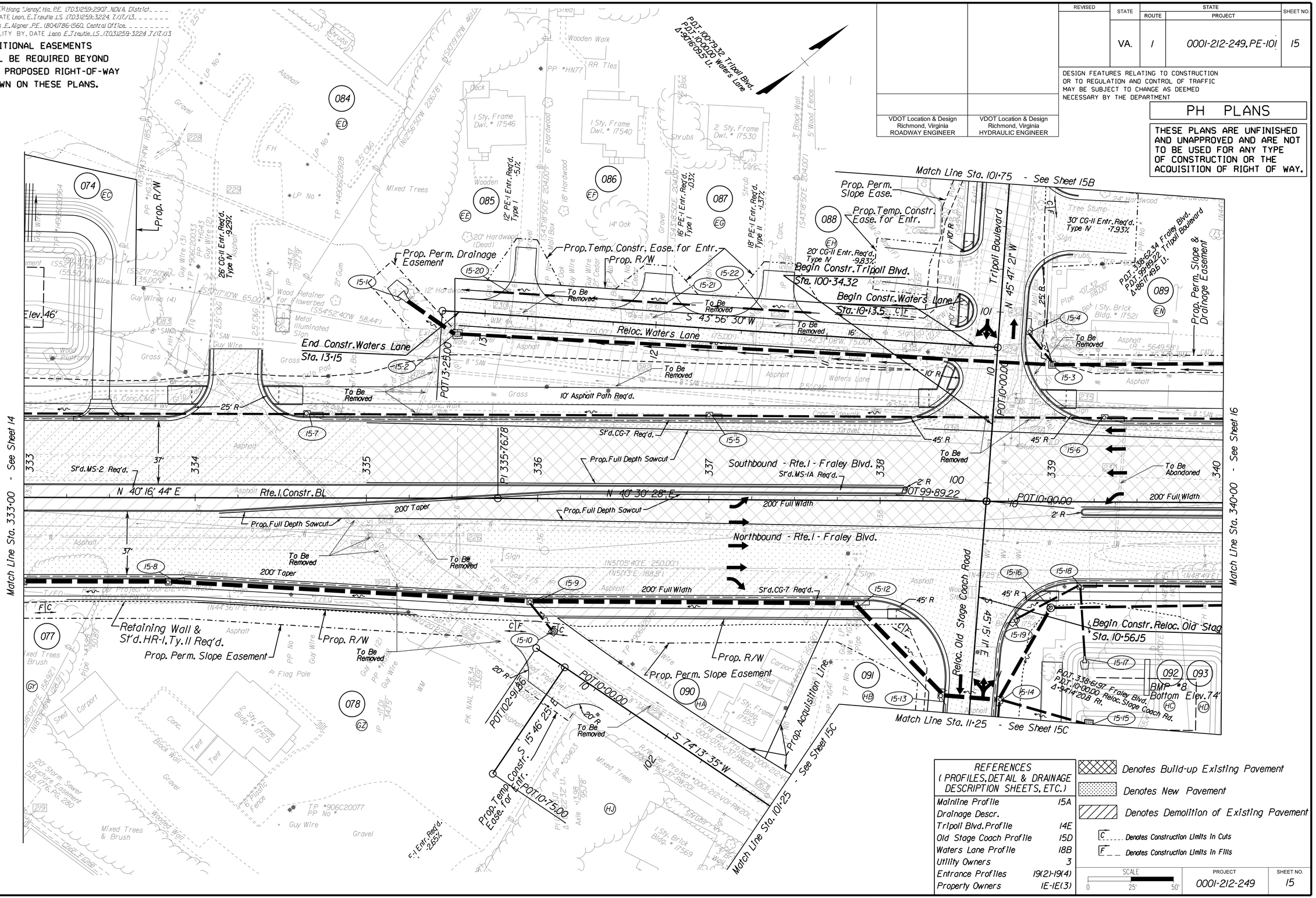
Match Line Sta. 101+75 - See Sheet 15B
Match Line Sta. 333+00 - See Sheet 14
Match Line Sta. 340+00 - See Sheet 16
Match Line Sta. 11+25 - See Sheet 15C
Match Line Sta. 101+25 - See Sheet 15C
Prop. R/W
Prop. Perm. Drainage Easement
Prop. Temp. Constr. Ease. for Entr.
Prop. Perm. Slope Ease.
Prop. Temp. Constr. Ease. for Entr.
Prop. Perm. Slope & Drainage Easement
Begin Constr. Tripoli Blvd.
Sta. 100+34.32
Begin Constr. Waters Lane
Sta. 10+13.5
End Constr. Waters Lane
Sta. 13+15
Reloc. Waters Lane
S 43° 56' 30" W
To Be Removed
10' Asphalt Path Req'd.
Tripoli Boulevard
N 45° 47' 21" W
Southbound - Rte. 1 - Fraley Blvd.
Northbound - Rte. 1 - Fraley Blvd.
Rte. 1 Constr. BL
N 40° 16' 44" E
N 40° 30' 28" E
200' Taper
200' Full Width
Prop. Full Depth Sawcut
St'd. CG-7 Req'd.
St'd. MS-2 Req'd.
St'd. MS-1A Req'd.
Retaining Wall & St'd. HR-1, Ty. II Req'd.
Prop. Perm. Slope Easement
Prop. Acquisition Line
Reloc. Old Stage Coach Road
Begin Constr. Reloc. Old Stage
Sta. 10+56.15
BMP #8
Bottom Elev. 74'
S 74° 13' 35" W
S 15° 46' 25" E
Prop. Temp. Constr. Ease. for Entr.
POT 10+75.00
POT 13+25.00
POT 10+00.00
BOT 99+89.22
POT 100+79.32 Tripoli Blvd.
POT 100+20.20 Waters Lane
Δ 90°16'08.5" Lt.
POT 338+62.34 Fraley Blvd.
POT 99+89.22 Tripoli Boulevard
Δ 86°17'49.8" Lt.
POT 338+61.97 Fraley Blvd.
POT 10+00.00 Reloc. Stage Coach Rd.
Δ 94°14'20.8" Rt.
12' PE-1 Entr. Req'd. Type I -5.1%
26' CG-11 Entr. Req'd. Type V -9.29%
16' PE-1 Entr. Req'd. Type I -0.3%
18' PE-1 Entr. Req'd. Type II -1.37%
20' CG-11 Entr. Req'd. Type IV -9.83%
30' CG-11 Entr. Req'd. Type IV -7.93%
C-1 Entr. Req'd. -2.85%
Elev. 46'
Mixed Trees
Wooden Walk
Tree Stump
Shrubs
Asphalt
Grass
Gravel
Guy Wire
Metal Illuminated Sign
Wood Retainer for Flowerbed
Wood Platform
Flag Pole
Chain Link Fence
Block Wall
Wooded Wall
Mixed Trees & Brush
20' Storm Sewer Structure Easement D.B. 1776, Pg. 260
Conc. Walk
Conc. Curb
Carport
Shed
Tent
Well
Axle
Sty. Frame Dwl. # 17546
Sty. Frame Dwl. # 17540
Sty. Frame Dwl. # 17530
Sty. Brick Bldg. # 17521
Sty. Frame Bldg. # 17553
Sty. Brick Bldg. # 17569
Sty. Frame Bldg. # 17575
Sty. Frame Bldg. # 17572
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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	1	0001-212-249, PE-101	15B

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT Location & Design Richmond, Virginia ROADWAY ENGINEER	VDOT Location & Design Richmond, Virginia HYDRAULIC ENGINEER

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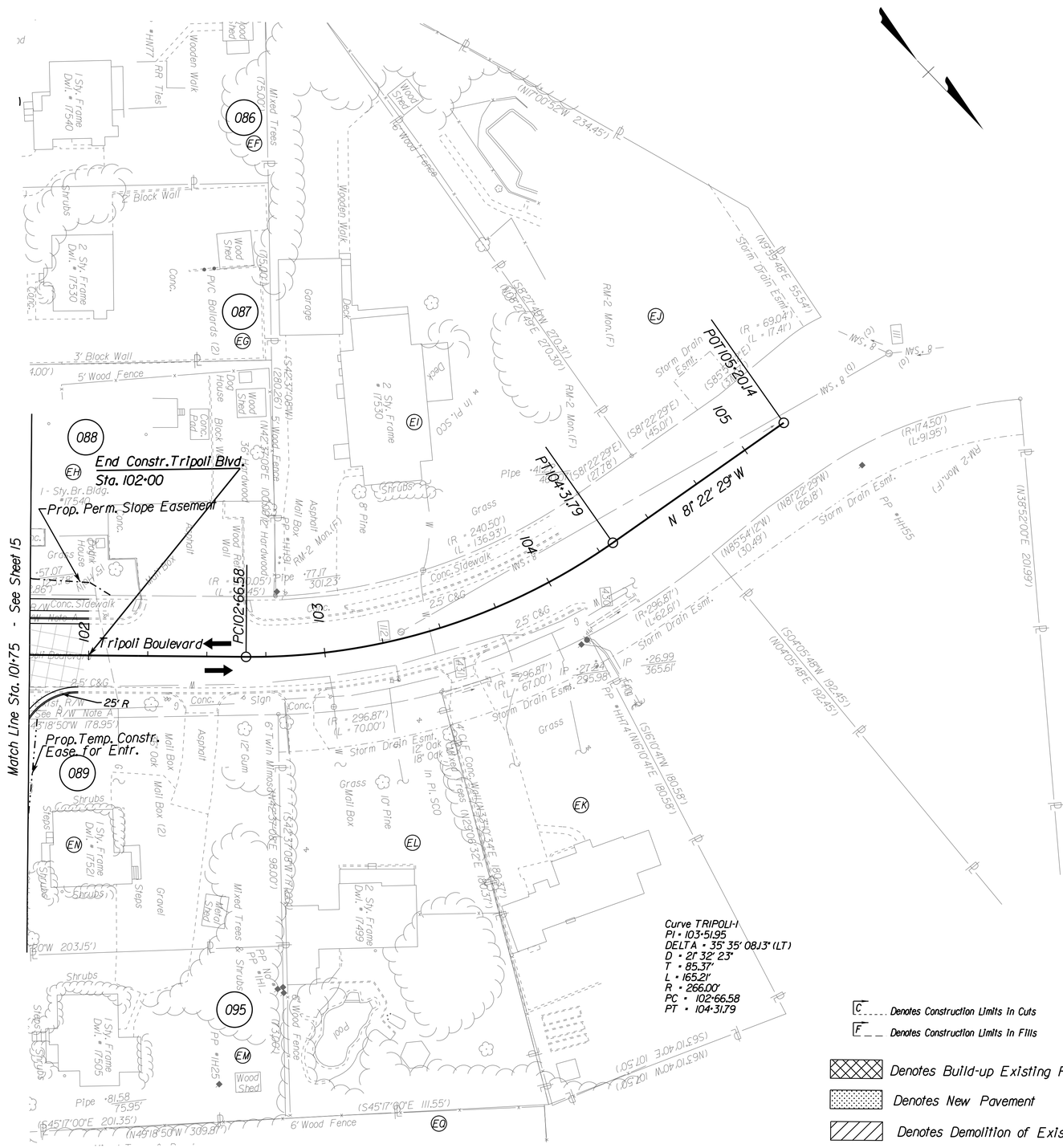

C ____ Denotes Construction Limits In Cuts

F ____ Denotes Construction Limits In Fills

Denotes Build-up Existing Pavement

Denotes New Pavement

Denotes Demolition of Existing Pavement

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Tripoli Profile	14E
Drainage Descr.	
Utility Owners	3
Entrance Profiles	19(3)
Property Owners	1E-1E(3)

SCALE	PROJECT	SHEET NO.
0 25' 50'	0001-212-249	15B

PROJECT MANAGER Hang "Jenny" Ha, P.E. (703)259-2907 NOVA District
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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	1	0001-212-249, PE-101	15C

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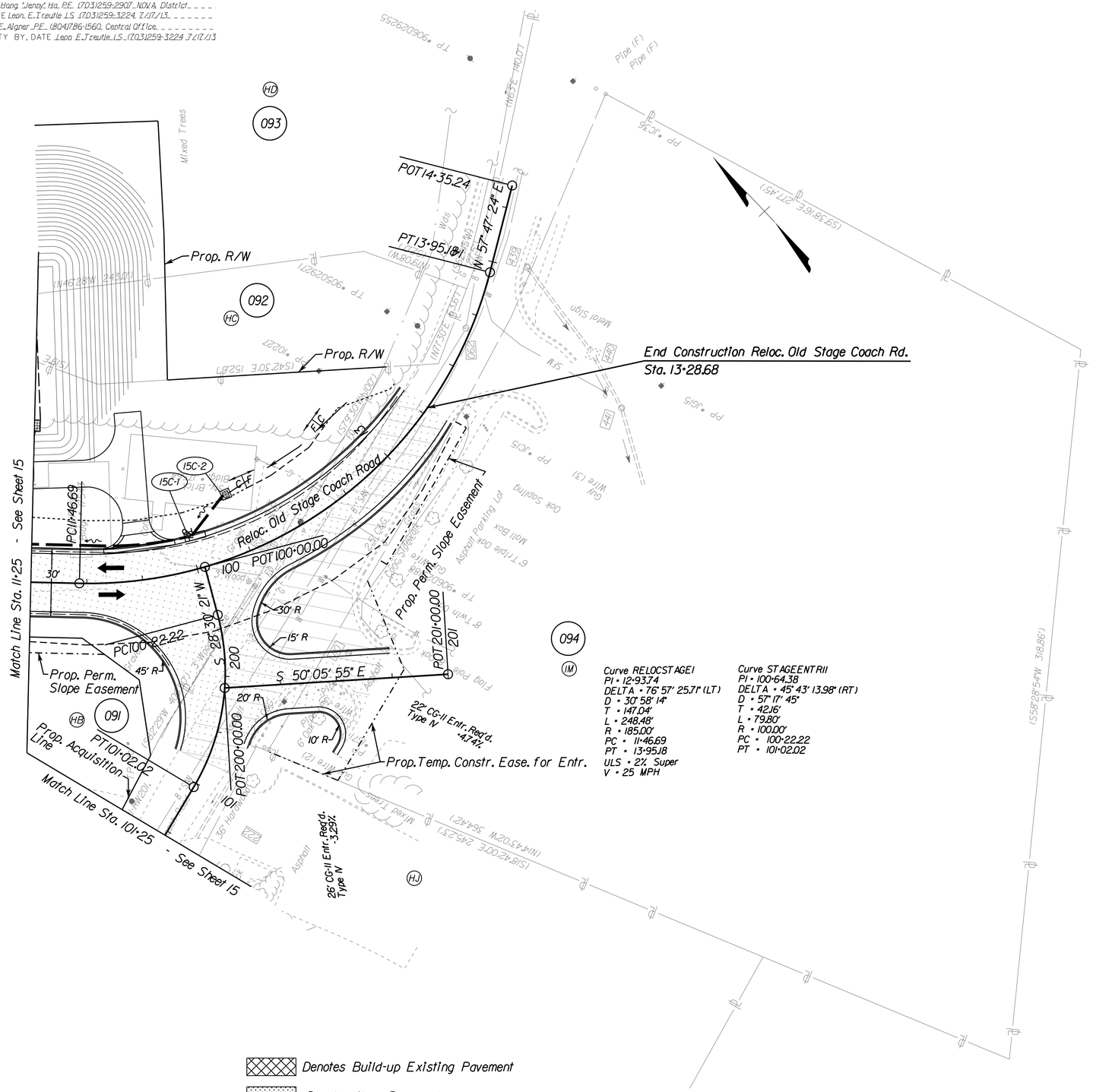

Curve RELOCSTAGE1
PI = 12+93.74
DELTA = 76° 57' 25.71" (LT)
D = 30° 58' 14"
T = 147.04'
L = 248.48'
R = 185.00'
PC = 11+46.69
PT = 13+95.18
ULS = 2% Super
V = 25 MPH

Curve STAGEENTR11
PI = 100+64.38
DELTA = 45° 43' 13.98" (RT)
D = 57° 17' 45"
T = 42.16'
L = 79.80'
R = 100.00'
PC = 100+22.22
PT = 101+02.02

Denotes Build-up Existing Pavement
Denotes New Pavement
Denotes Demolition of Existing Pavement

C Denotes Construction Limits In Cuts
F Denotes Construction Limits In Fills

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Reloc. Stage Coach Prof.	15D
Drainage Descr.	
Utility Owners	3
Entrance Profiles	19(3)
Property Owners	1E-1E(3)

SCALE 0 25' 50'

PROJECT	SHEET NO.
0001-212-249	15C

PROJECT MANAGER Hang "Jenny" Ha, P.E. (703)259-2907 NOVA District
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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	1	0001-212-249, PE-101	16

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VDOT Location & Design
Richmond, Virginia
ROADWAY ENGINEER

VDOT Location & Design
Richmond, Virginia
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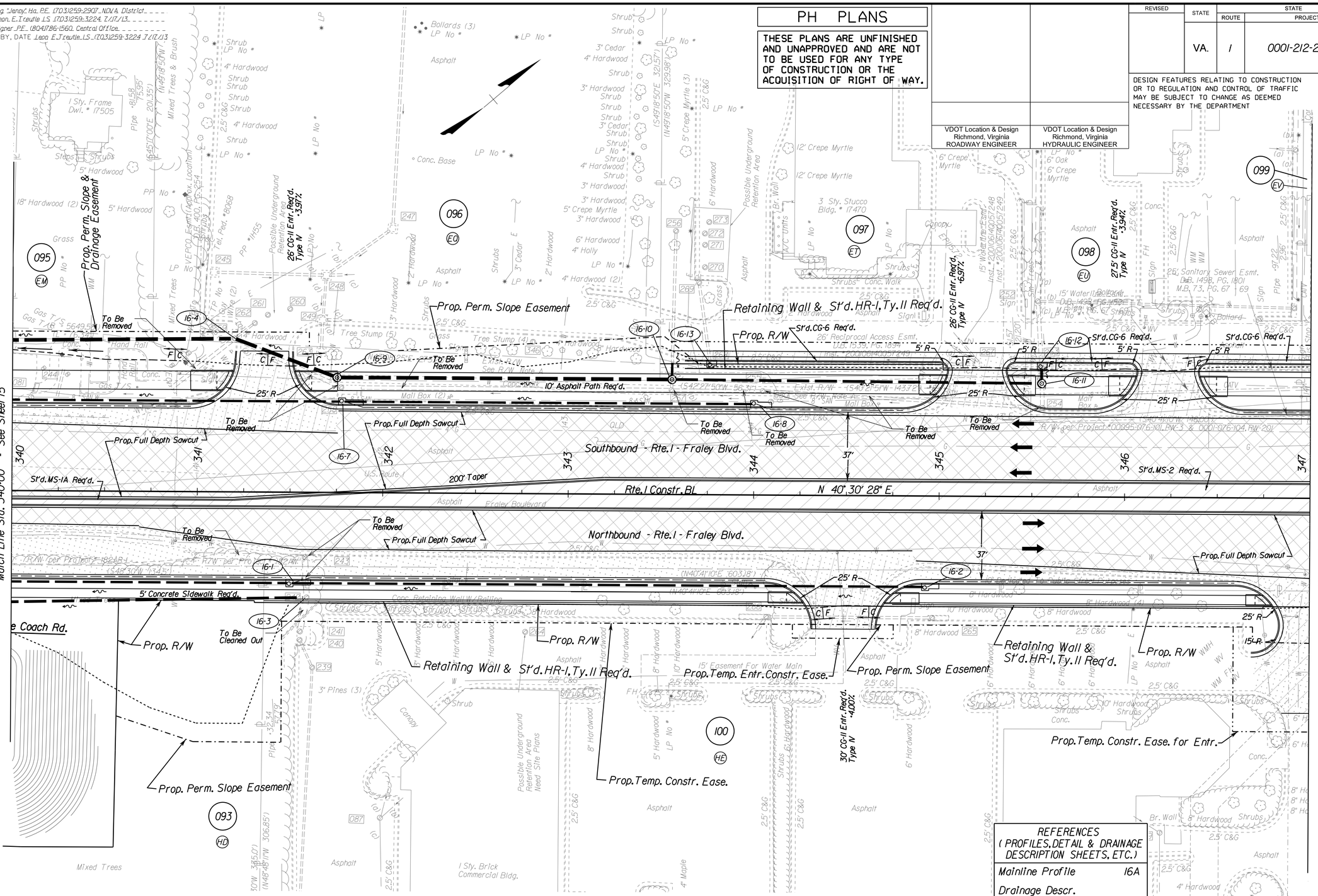

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Denotes Build-up Existing Pavement

Denotes New Pavement

Denotes Demolition of Existing Pavement

C ..... Denotes Construction Limits in Cuts

F ..... Denotes Construction Limits in Fills

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Mainline Profile	16A
Drainage Descr.	
Utility Owners	3
Entrance Profiles	19(2)
Property Owners	1E-1E(3)

SCALE 0 25' 50'

PROJECT	SHEET NO.
0001-212-249	16

PROJECT MANAGER Hang "Jenny" Ha, P.E. (703)259-2907 NOVA District
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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	1	0001-212-249, PE-101	17

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT Location & Design
Richmond, Virginia
ROADWAY ENGINEER

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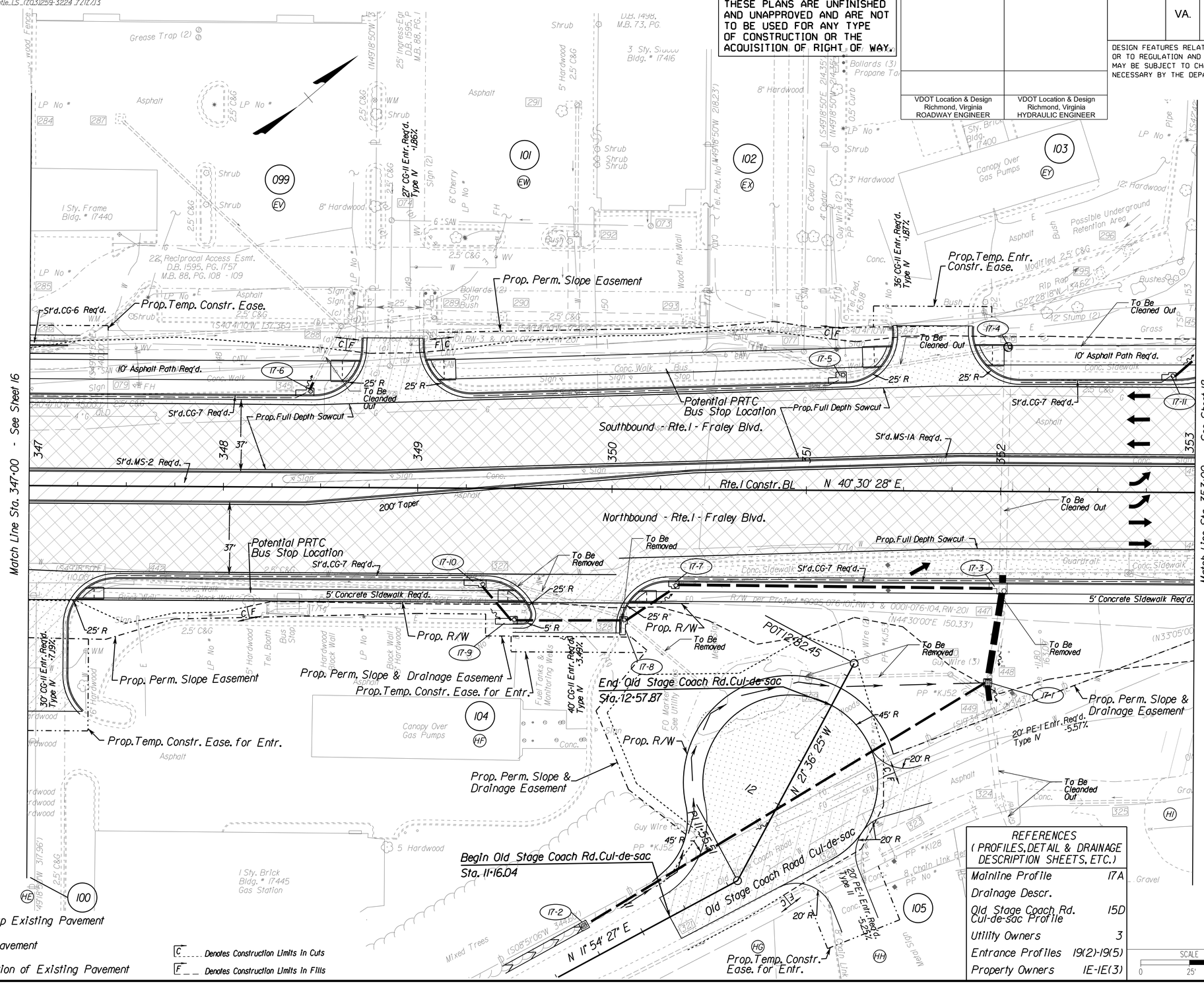

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Mainline Profile	17A
Drainage Descr.	
Old Stage Coach Rd. Cul-de-sac Profile	15D
Utility Owners	3
Entrance Profiles	19(2)-19(5)
Property Owners	1E-1E(3)

SCALE	PROJECT	SHEET NO.
0 25' 50'	0001-212-249	17

8/31/2018
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Plotted By: WAP04107$

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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	1	0001-212-249, PE-101	18

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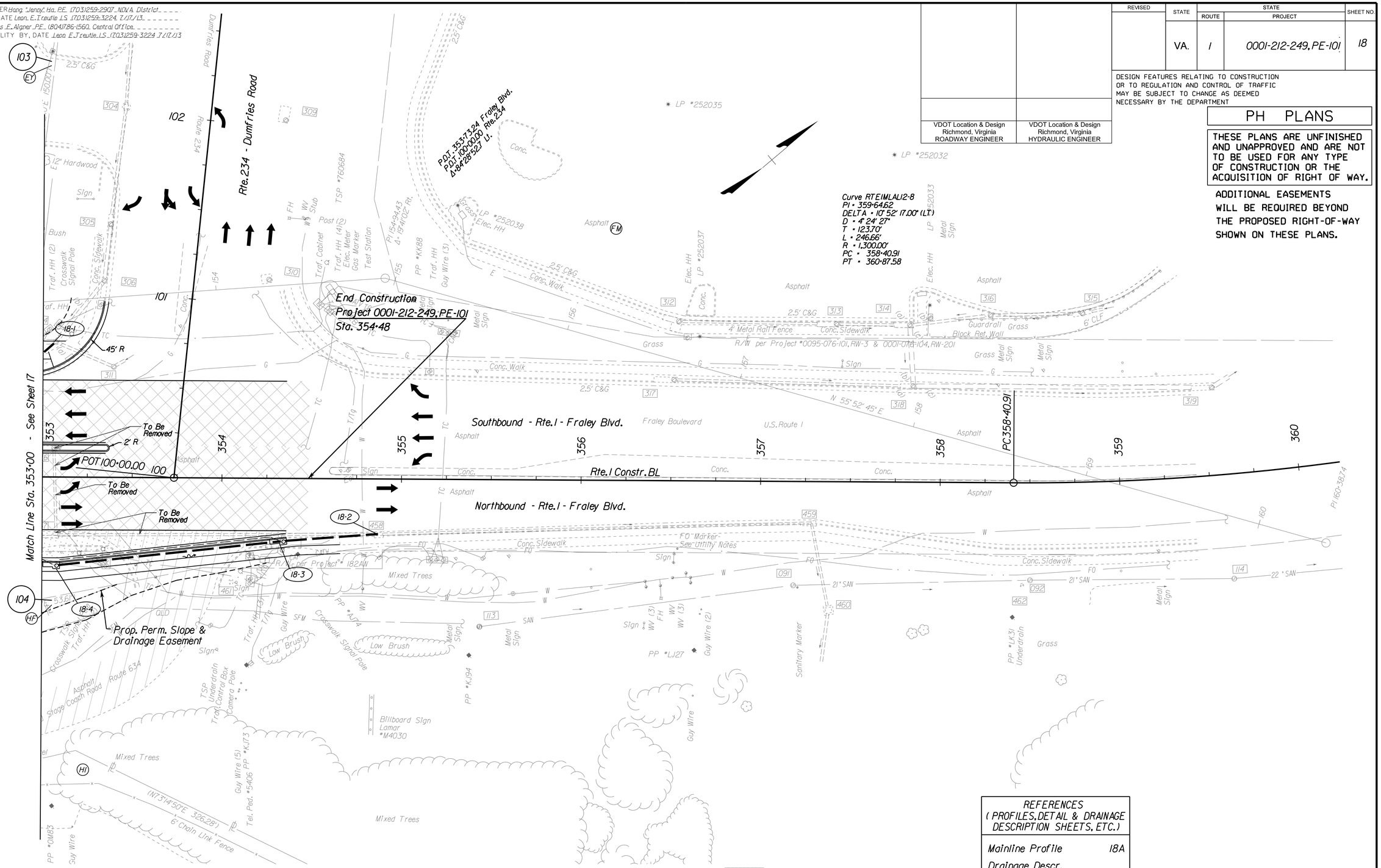

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)	
Mainline Profile	18A
Drainage Descr.	
Utility Owners	3
Property Owners	1E-1E(3)

SCALE	PROJECT	SHEET NO.
0 25' 50'	0001-212-249	18