

PROJECT REFERENCE NO.
U-5728

SHEET NO.
5

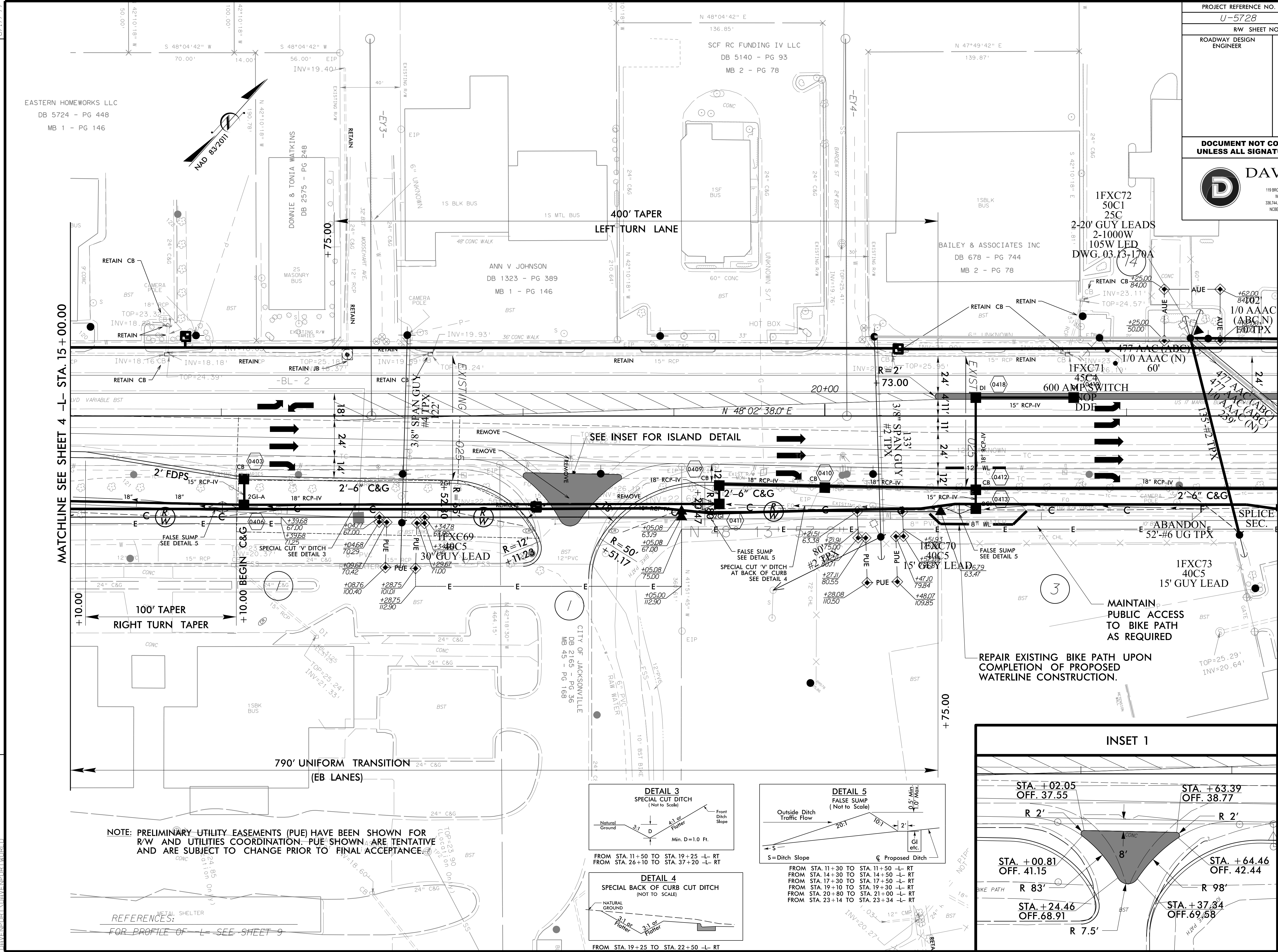
ROADWAY DESIGN
ENGINEER

HYDRAULIC DESIGN
ENGINEER

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

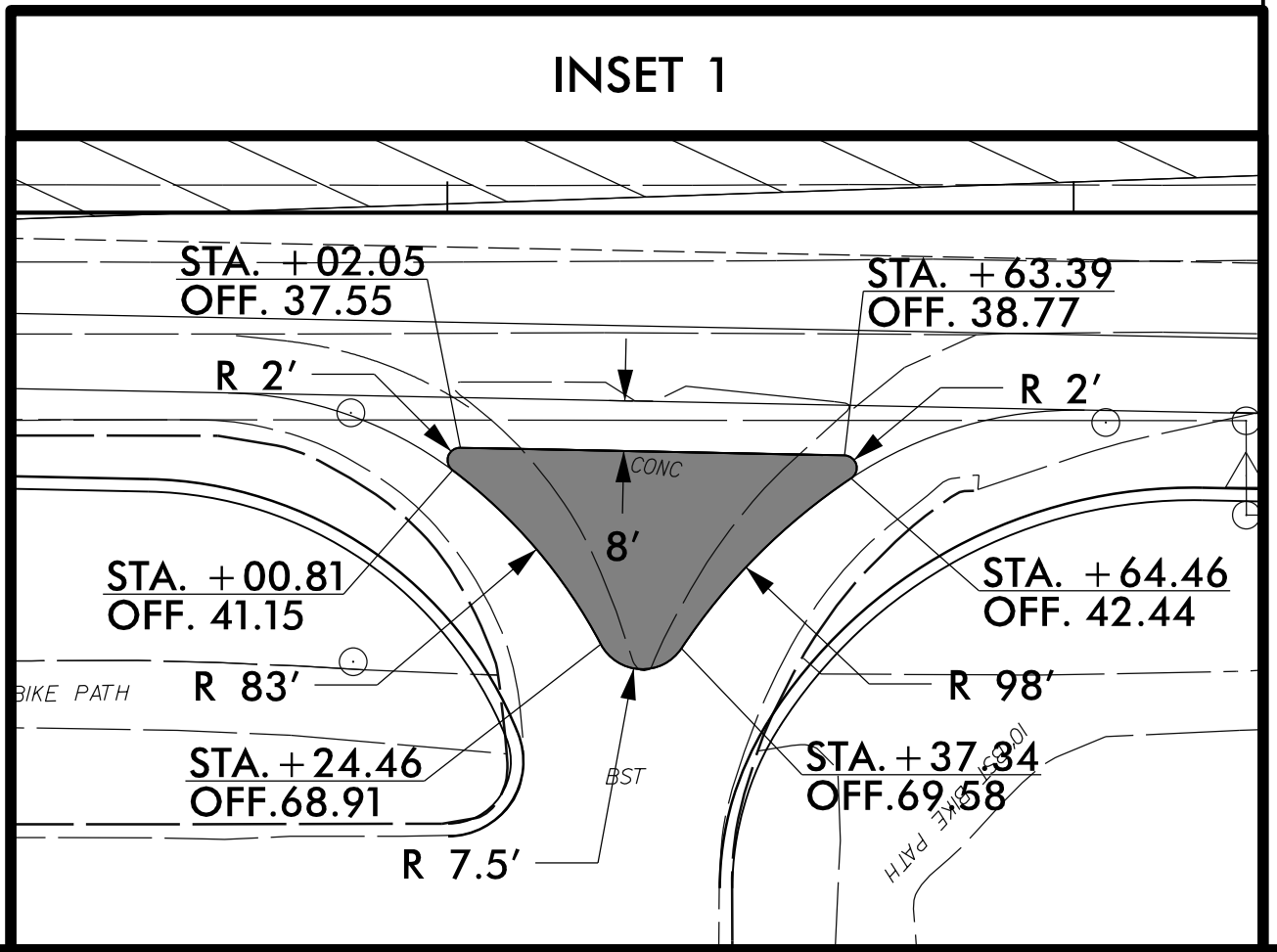
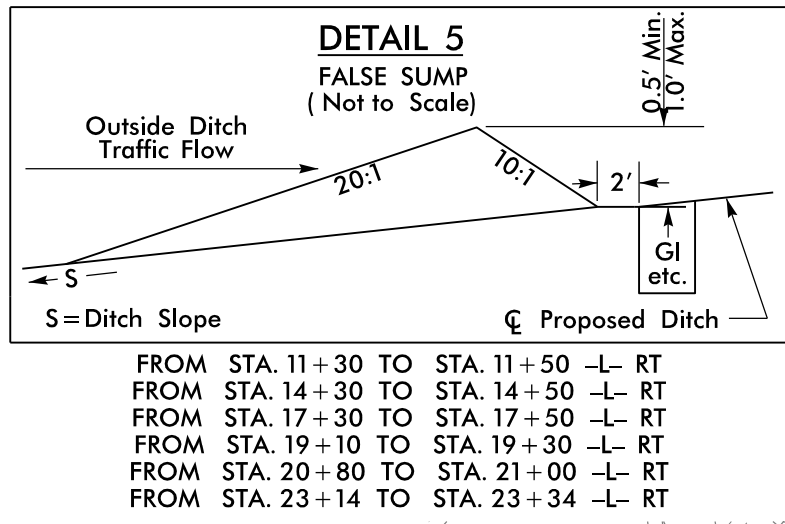
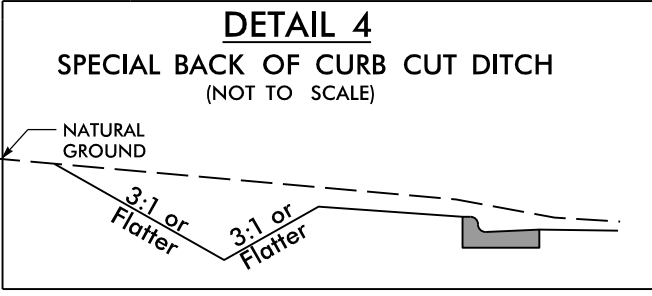
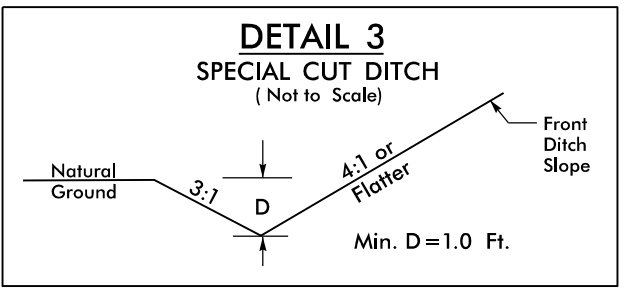
DAVENPORT

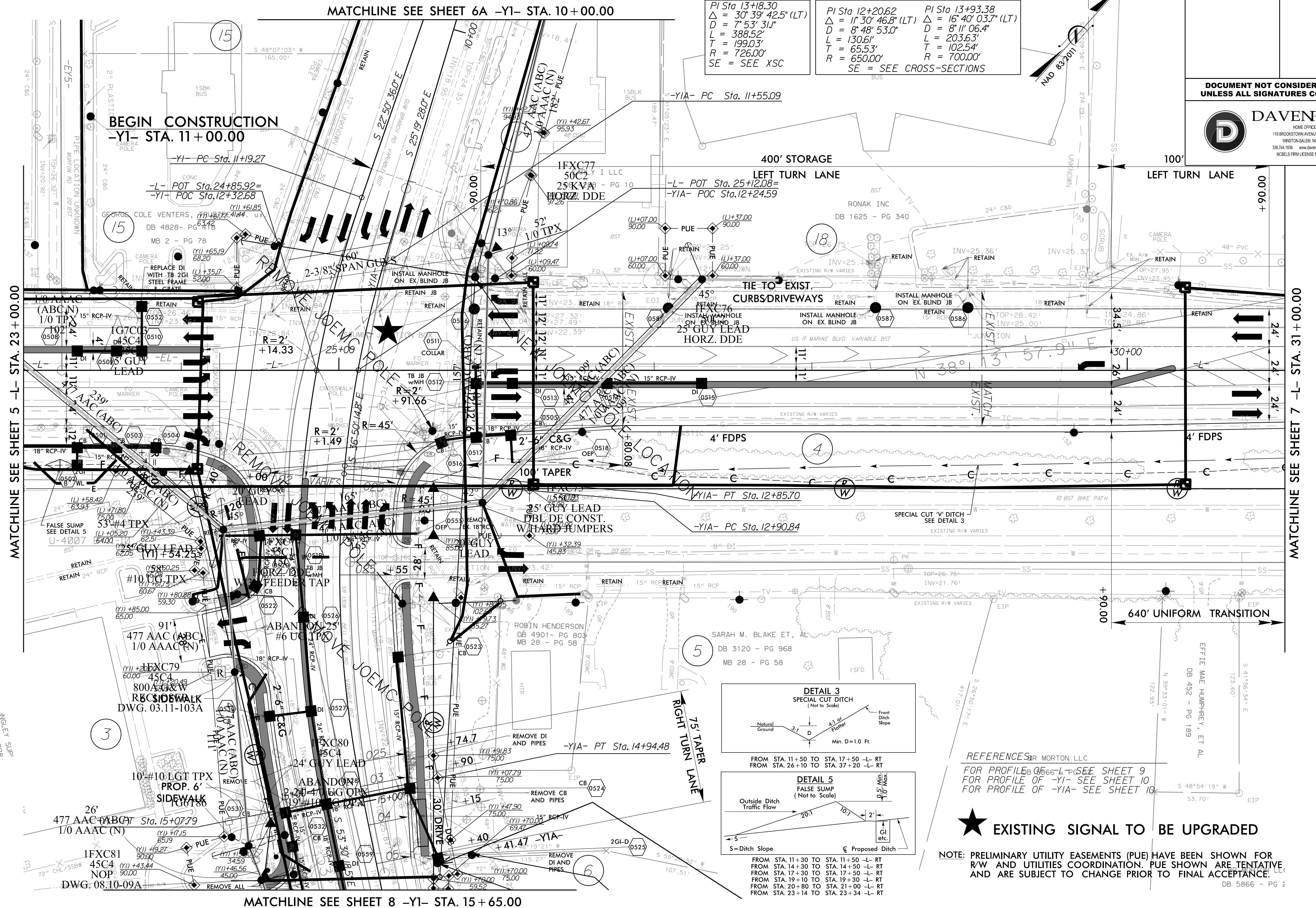
HOME OFFICE
119 BROOKSTOWN AVENUE, SUITE PH1
WINSTON-SALEM, NC 27101
336.744.1636 www.davenportnc.com
NCBELS FIRM LICENSE NO. C-2822



NOTE: PRELIMINARY UTILITY EASEMENTS (PUE) HAVE BEEN SHOWN FOR R/W AND UTILITIES COORDINATION. PUE SHOWN ARE TENTATIVE AND ARE SUBJECT TO CHANGE PRIOR TO FINAL ACCEPTANCE.

REFERENCES:
FOR PROFILE OF L- SEE SHEET 9

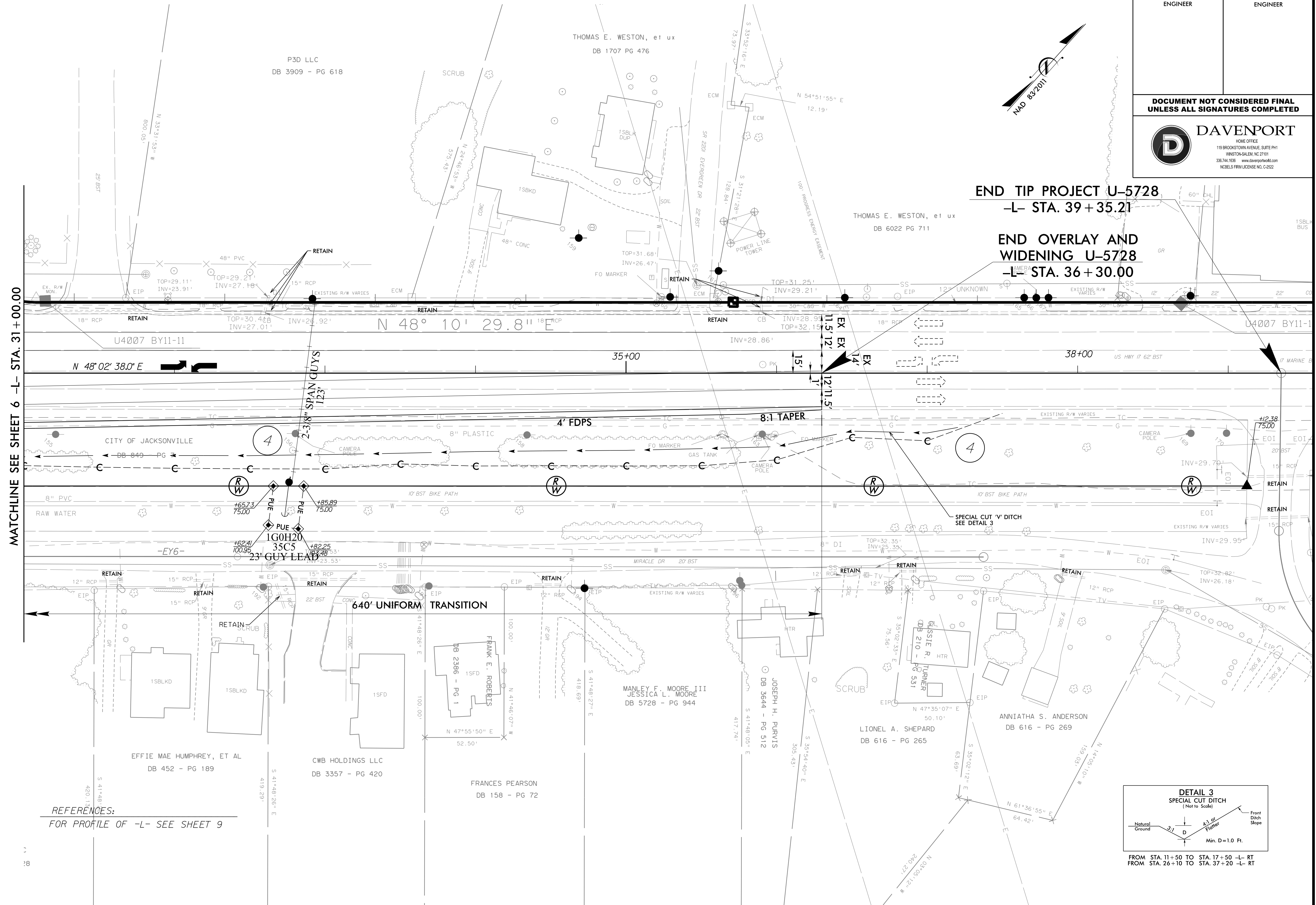




10/04/2018 PUE REVISED: PARCELS 5, 6, 15, 16, 17, & 18 - PUE ADDED; PARCELS 5, 6, 15, 16, 17, & 18 - PUE CHANGED TO DUE
10/03/2019 TEMPORARY CONSTRUCTION EASEMENT AND PUE REVISED ON PARCEL 3, PUE REVISED ON PARCELS 5 AND 6
03/05/2019 PUE ADDED ON PARCEL 4, PUE REVISED ON PARCEL 16
07/22/2019 REV: ADDED A IFT PUE JOG AROUND THE STRUCTURE IN PARCEL 16

8/17/99

30,000' / in.
24,000' / in.
21,000' / in.
18,000' / in.
15,000' / in.
12,000' / in.
9,000' / in.
6,000' / in.
3,000' / in.
1,500' / in.
750' / in.
375' / in.
187.5' / in.
93.75' / in.
46.875' / in.
23.4375' / in.
11.71875' / in.
5.859375' / in.
2.9296875' / in.
1.46484375' / in.
0.732421875' / in.
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MATCHLINE SEE SHEET 6 -L- STA. 31+00.00

REFERENCES:
FOR PROFILE OF -L- SEE SHEET 9

DETAIL 3
SPECIAL CUT DITCH
(Not to Scale)

3:1
D
4:1 or Flatter
Min. D = 1.0 Ft.
Front Ditch Slope
Natural Ground

FROM STA. 11 + 50 TO STA. 17 + 50 -L- RT
FROM STA. 26 + 10 TO STA. 37 + 20 -L- RT



-Y1- <i>PI Sta 16+31.98</i> $\Delta = 6^{\circ} 20' 06.0''$ (LT) $D = 9^{\circ} 43' 39.5''$ $L = 65.12'$ $T = 32.60'$ $R = 589.00'$ <i>PI Sta 18+77.87</i> $\Delta = 4^{\circ} 50' 48.5''$ (RT) $D = 5^{\circ} 43' 46.5''$ $L = 84.59'$ $T = 42.32'$ $R = 1,000.00'$ <i>PI Sta 22+14.74</i> $\Delta = 25^{\circ} 54' 00.0''$ (RT) $D = 5^{\circ} 15' 00.0''$ $L = 493.33'$ $T = 250.96'$ $R = 1,091.35'$ SE = SEE CROSS-SECTIONS
-Y1A- <i>PI Sta 18+19.62</i> $\Delta = 1^{\circ} 29' 17.5''$ (LT) $D = 1^{\circ} 25' 56.6''$ $L = 103.90'$ $T = 51.95'$ $R = 4,000.00'$ SE = NC
-Y2- <i>PI Sta 11+66.42</i> $\Delta = 89^{\circ} 12' 33.1''$ (LT) $D = 180^{\circ} 00' 00.0''$ $L = 49.56'$ $T = 49.31'$ $R = 50.00'$

REFERENCES:
FOR PROFILE OF -YI- SEE SHEET 10

NOTE: PRELIMINARY UTILITY EASEMENTS (PUE) HAVE BEEN SHOWN FOR R/W AND UTILITIES COORDINATION. PUE SHOWN ARE TENTATIVE AND ARE SUBJECT TO CHANGE PRIOR TO FINAL ACCEPTANCE.

END RESURFACING
-Y1- STA. 21+50.00

30.0000 l / in.
8/12/2025
\\203\230906.NC00T_U5728.Roadway\Sheets\U5728_PSH-08.RDY.dgn
REV :
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8/17/09