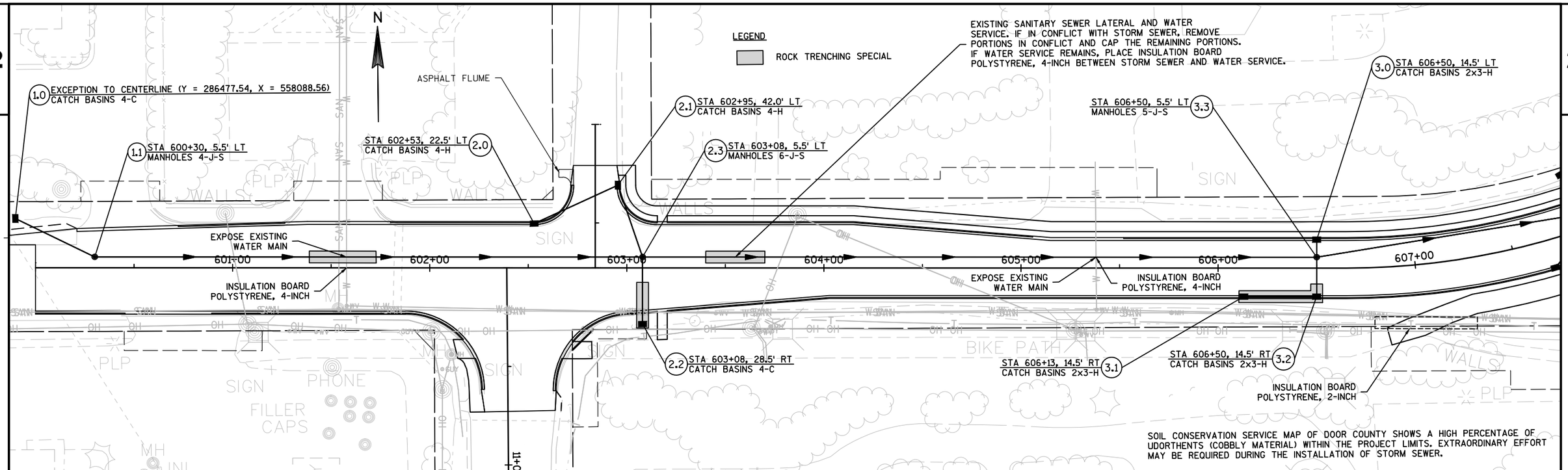
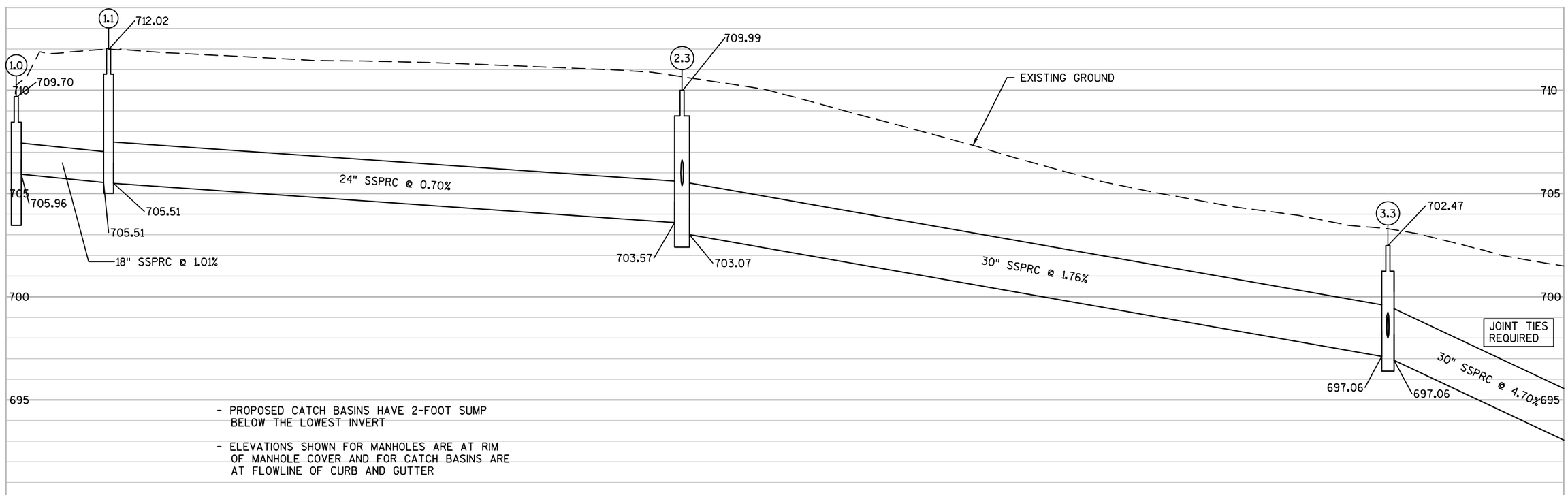
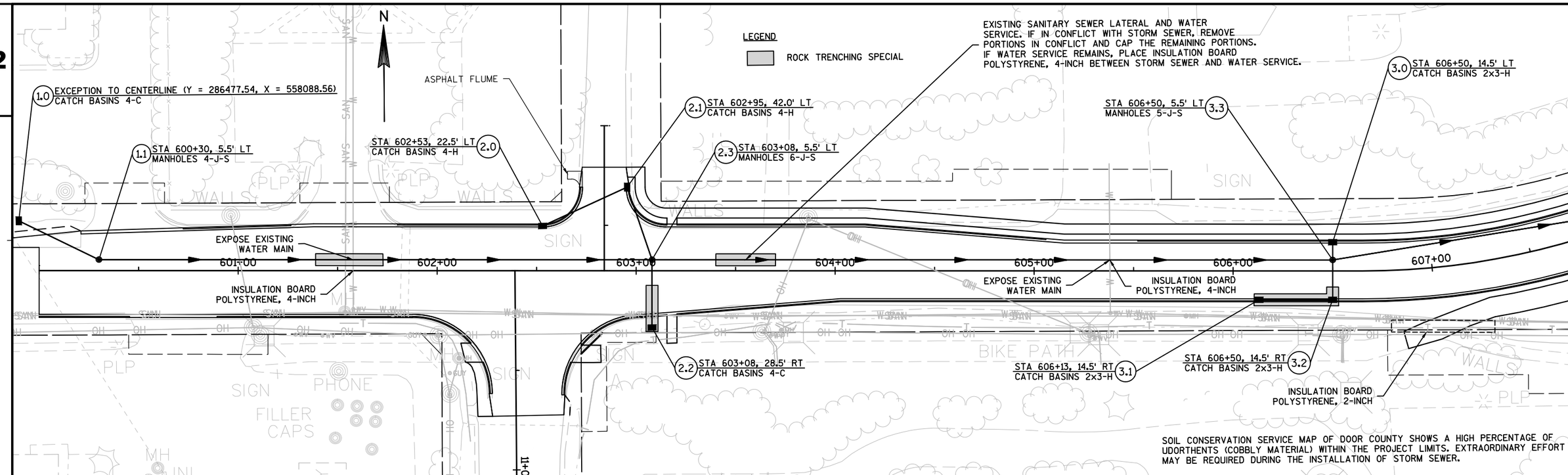
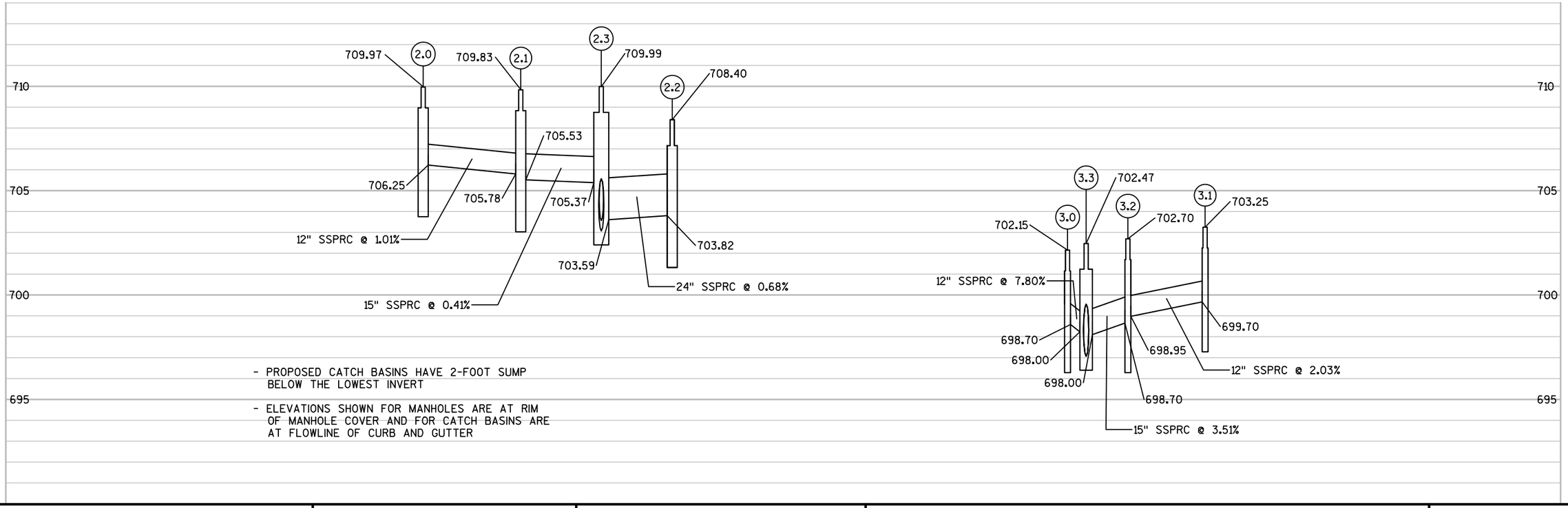




PROJECT NO:4610-06-71	HWY:STH 42	COUNTY:DOOR	STORM SEWER	SHEET	E



SOIL CONSERVATION SERVICE MAP OF DOOR COUNTY SHOWS A HIGH PERCENTAGE OF UDORTHENTS (COBBLY MATERIAL) WITHIN THE PROJECT LIMITS. EXTRAORDINARY EFFORT MAY BE REQUIRED DURING THE INSTALLATION OF STORM SEWER.



- PROPOSED CATCH BASINS HAVE 2-FOOT SUMP BELOW THE LOWEST INVERT
- ELEVATIONS SHOWN FOR MANHOLES ARE AT RIM OF MANHOLE COVER AND FOR CATCH BASINS ARE AT FLOWLINE OF CURB AND GUTTER

PROJECT NO:4610-06-71	HWY:STH 42	COUNTY:DOOR	STORM SEWER	SHEET	E

2

4.0 STA 607+85, 30.0' LT
INLETS MEDIAN 1G-MS-A

4.1 STA 608+00, 14.5' LT
CATCH BASINS 4-H

5.0 STA 609+50, 16.9' LT
CATCH BASINS 2x3-H

CONNECT MANHOLE TO EXISTING 36" CMCP FOR TEMPORARY DRAINAGE. AFTER COMPLETION OF USING STORM SEWER FOR TEMPORARY DRAINAGE, FILL WITH CELLULAR CONCRETE TO ELEVATION 650.10.

STA 612+26, 5.5' LT 7.0
MANHOLES 5-J-S

STA 611+93, 22.5' LT 6.0
CATCH BASINS 2x3-H

STA 611+93, 5.5' LT 6.2
MANHOLES 5-J-S

4.3 STA 608+00, 5.5' LT
MANHOLES 6-J-S

5.1 STA 609+50, 5.5' LT
MANHOLES 6-J-S

5.5 STA 610+50, 19.3' LT
CATCH BASINS 2x3-H

5.7 STA 610+50, 5.5' LT
MANHOLES 5-J-S

4.2 STA 607+69, 14.5' RT
CATCH BASINS 4-H

INSULATION BOARD
POLYSTYRENE, 2-INCH

STA 611+93, 23.5' RT 6.1
CATCH BASINS 2x3-H

STA 610+50, 14.5' RT 5.6
CATCH BASINS 2x3-H

CONNECT CATCH BASIN TO EXISTING MANHOLE WITH 18-INCH SSPRC FOR TEMPORARY DRAINAGE. REMOVE PIPE AFTER COMPLETION OF USING PIPE FOR TEMPORARY DRAINAGE.

LEGEND

ROCK TRENCHING SPECIAL

STA 50+74, 34.8' RT 13.1
CATCH BASINS 4-H-S

80.1 STA 41+15, 12.5' RT
CATCH BASINS 4-H

80.0 STA 41+30, 12.9' LT
CATCH BASINS 4-B-A

RECONNECT EXISTING 4" PVC PIPE TO PROPOSED STORM SEWER PIPE COMPOSITE 10-INCH

STA 614+98, 38.0' LT
INVERT = 622.90

15.1 STA 615+04, 22.5' LT
CATCH BASINS 2x3-H

STA 615+04, 22.5' LT
STORM SEWER PIPE
COMPOSITE 10-INCH

STA 614+89, 33.0' LT 14.9
INLETS 2x2-B-A

CAUTION SHALL BE USED DURING THE INSTALLATION OF STORM SEWER. SANITARY SEWER IS ABOVE PROPOSED STORM SEWER.

STA 614+89, 22.5' LT 15.0
CATCH BASINS 2x3-H

STA 615+04, 5.5' RT 15.2
MANHOLES 5-J-S

14.0 STA 612+71, 5.5' RT
MANHOLES 7-J-S

INSULATION BOARD
POLYSTYRENE, 2-INCH

EXPOSE EXISTING
WATER MAIN

INSTALL TEMPORARY STORM SEWER PLUG IN 36" SSPRC. SEE PROFILE VIEW FOR MORE INFORMATION.

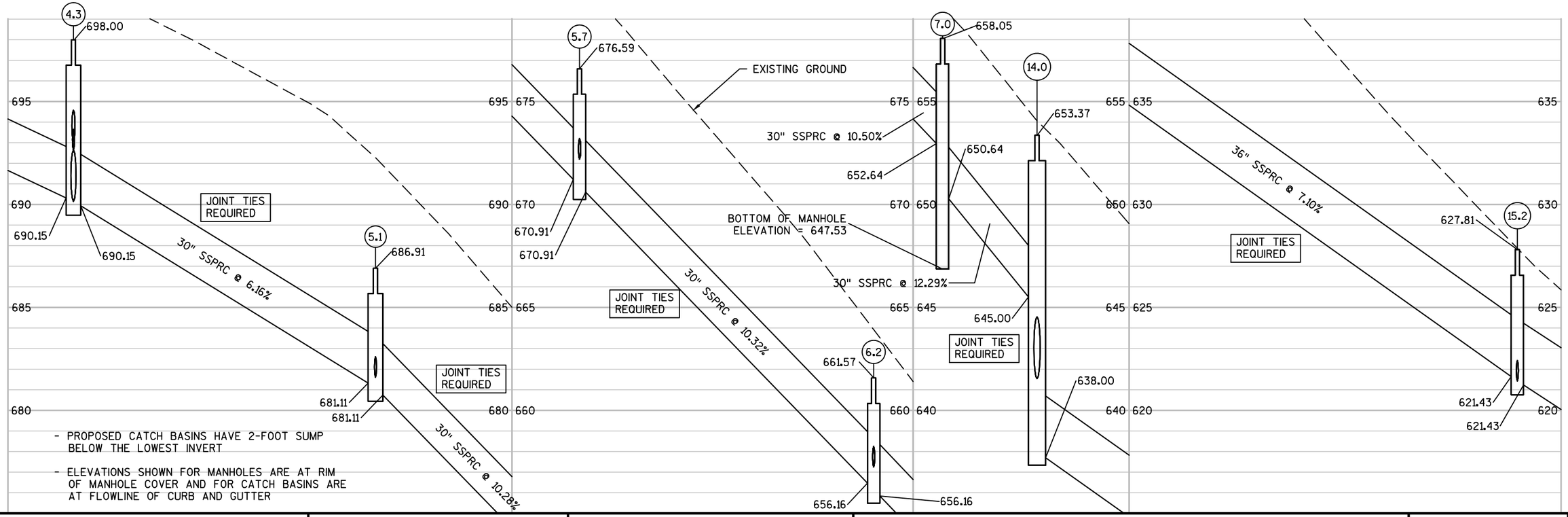
13.0 STA 50+71, 16.3' LT
CATCH BASINS 2x3-H

INSULATION BOARD
POLYSTYRENE, 4-INCH

DRAIN SLOTTED VANE

13.2 STA 50+75, 5.5' RT
MANHOLES 7-J-S

SOIL CONSERVATION SERVICE MAP OF DOOR COUNTY SHOWS A HIGH PERCENTAGE OF UDORTHENTS (COBBLY MATERIAL) WITHIN THE PROJECT LIMITS. EXTRAORDINARY EFFORT MAY BE REQUIRED DURING THE INSTALLATION OF STORM SEWER.



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PROJECT NO:4610-06-71	HWY:STH 42	COUNTY:DOOR	STORM SEWER	SHEET	E

2

4.0 STA 607+85, 30.0' LT
INLETS MEDIAN 1G-MS-A

4.1 STA 608+00, 14.5' LT
CATCH BASINS 4-H

4.3 STA 608+00, 5.5' LT
MANHOLES 6-J-S

4.2 STA 607+69, 14.5' RT
CATCH BASINS 4-H

INSULATION BOARD
POLYSTYRENE, 2-INCH

5.0 STA 609+50, 16.9' LT
CATCH BASINS 2x3-H

5.1 STA 609+50, 5.5' LT
MANHOLES 6-J-S

5.5 STA 610+50, 19.3' LT
CATCH BASINS 2x3-H

5.7 STA 610+50, 5.5' LT
MANHOLES 5-J-S

5.6 STA 610+50, 14.5' RT
CATCH BASINS 2x3-H

CONNECT MANHOLE TO EXISTING 36" CMCP
FOR TEMPORARY DRAINAGE. AFTER COMPLETION OF
USING STORM SEWER FOR TEMPORARY DRAINAGE,
FILL WITH CELLULAR CONCRETE TO ELEVATION 650.10.

STA 612+26, 5.5' LT 7.0
MANHOLES 5-J-S

STA 611+93, 22.5' LT 6.0
CATCH BASINS 2x3-H

STA 611+93, 5.5' LT 6.2
MANHOLES 5-J-S

STA 611+93, 23.5' RT 6.1
CATCH BASINS 2x3-H

CONNECT CATCH BASIN TO EXISTING MANHOLE
WITH 18-INCH SSPRC FOR TEMPORARY DRAINAGE.
REMOVE PIPE AFTER COMPLETION OF USING PIPE
FOR TEMPORARY DRAINAGE.

STA 50+74, 34.8' RT 13.1
CATCH BASINS 4-H-S

LEGEND

ROCK TRENCHING SPECIAL

80.1 STA 41+15, 12.5' RT
CATCH BASINS 4-H

80.0 STA 41+30, 12.9' LT
CATCH BASINS 4-B-A

RECONNECT EXISTING 4" PVC PIPE TO
PROPOSED STORM SEWER PIPE
COMPOSITE 10-INCH

STA 614+98, 38.0' LT
INVERT = 622.90

15.1 STA 615+04, 22.5' LT
CATCH BASINS 2x3-H

STA 615+04, 22.5' LT
STORM SEWER PIPE
COMPOSITE 10-INCH

STA 614+89, 33.0' LT 14.9
INLETS 2x2-B-A

CAUTION SHALL BE USED
DURING THE INSTALLATION OF
STORM SEWER. SANITARY SEWER
IS ABOVE PROPOSED STORM SEWER

STA 614+89, 22.5' LT 15.0
CATCH BASINS 2x3-H

STA 615+04, 5.5' RT 15.2
MANHOLES 5-J-S

14.0 STA 612+71, 5.5' RT
MANHOLES 7-J-S

INSULATION BOARD
POLYSTYRENE, 2-INCH

EXPOSE EXISTING
WATER MAIN

INSTALL TEMPORARY STORM SEWER PLUG IN 36" SSPRC.
SEE PROFILE VIEW FOR MORE INFORMATION.

13.0 STA 50+71, 16.3' LT
CATCH BASINS 2x3-H

DRAIN SLOTTED VANE

INSULATION BOARD
POLYSTYRENE, 4-INCH

13.2 STA 50+75, 5.5' RT
MANHOLES 7-J-S

SOIL CONSERVATION SERVICE MAP OF DOOR COUNTY SHOWS A HIGH PERCENTAGE OF
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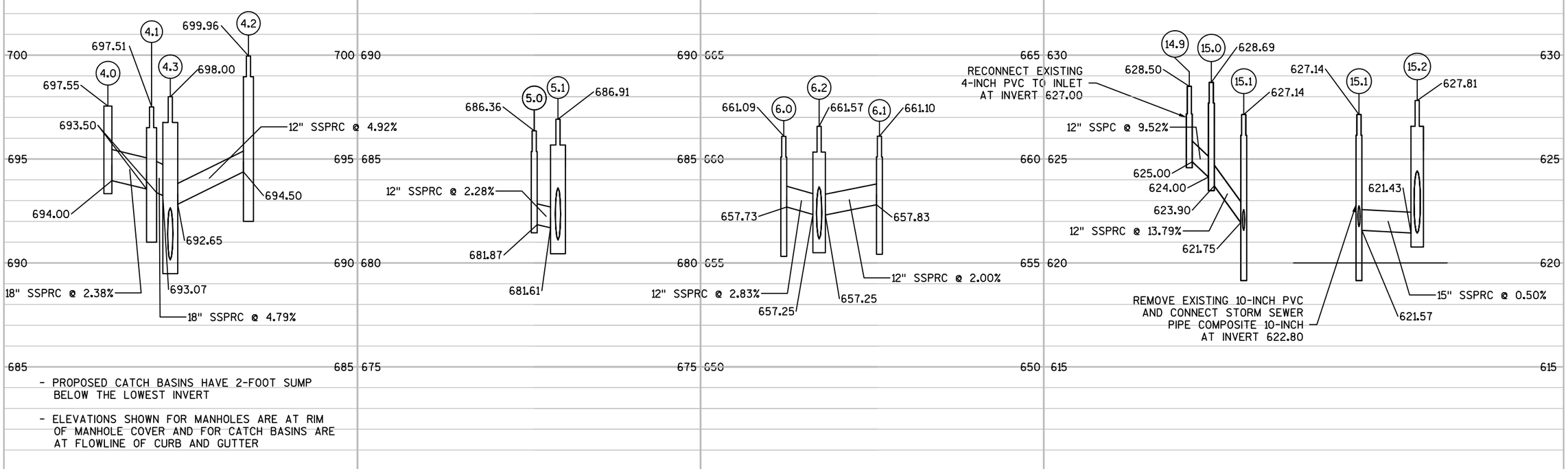

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PROJECT NO:4610-06-71	HWY:STH 42	COUNTY:DOOR	STORM SEWER	SHEET	E

2

4.0 STA 607+85, 30.0' LT
INLETS MEDIAN 1G-MS-A

4.1 STA 608+00, 14.5' LT
CATCH BASINS 4-H

4.3 STA 608+00, 5.5' LT
MANHOLES 6-J-S

4.2 STA 607+69, 14.5' RT
CATCH BASINS 4-H

INSULATION BOARD
POLYSTYRENE, 2-INCH

5.0 STA 609+50, 16.9' LT
CATCH BASINS 2x3-H

5.1 STA 609+50, 5.5' LT
MANHOLES 6-J-S

5.5 STA 610+50, 19.3' LT
CATCH BASINS 2x3-H

5.7 STA 610+50, 5.5' LT
MANHOLES 5-J-S

5.6 STA 610+50, 14.5' RT
CATCH BASINS 2x3-H

CONNECT MANHOLE TO EXISTING 36" CMCP
FOR TEMPORARY DRAINAGE. AFTER COMPLETION OF
USING STORM SEWER FOR TEMPORARY DRAINAGE,
FILL WITH CELLULAR CONCRETE TO ELEVATION 650.10.

7.0 STA 612+26, 5.5' LT
MANHOLES 5-J-S

6.0 STA 611+93, 22.5' LT
CATCH BASINS 2x3-H

6.2 STA 611+93, 5.5' LT
MANHOLES 5-J-S

6.1 STA 611+93, 23.5' RT
CATCH BASINS 2x3-H

CONNECT CATCH BASIN TO EXISTING MANHOLE
WITH 18-INCH SSPRC FOR TEMPORARY DRAINAGE.
REMOVE PIPE AFTER COMPLETION OF USING PIPE
FOR TEMPORARY DRAINAGE.

13.1 STA 50+74, 34.8' RT
CATCH BASINS 4-H-S

LEGEND

ROCK TRENCHING SPECIAL

80.1 STA 41+15, 12.5' RT
CATCH BASINS 4-H

80.0 STA 41+30, 12.9' LT
CATCH BASINS 4-B-A

CAUTION SHALL BE USED
DURING THE INSTALLATION OF
STORM SEWER. SANITARY SEWER
IS ABOVE PROPOSED STORM SEWER

RECONNECT EXISTING 4" PVC PIPE TO
PROPOSED STORM SEWER PIPE
COMPOSITE 10-INCH

STA 614+98, 38.0' LT
INVERT = 622.90

15.1 STA 615+04, 22.5' LT
CATCH BASINS 2x3-H

STA 615+04, 22.5' LT
STORM SEWER PIPE
COMPOSITE 10-INCH

STA 614+89, 33.0' LT
INLETS 2x2-B-A 14.9

STA 614+89, 22.5' LT
CATCH BASINS 2x3-H 15.0

14.0 STA 612+71, 5.5' RT
MANHOLES 7-J-S

INSULATION BOARD
POLYSTYRENE, 2-INCH

STA 615+04, 5.5' RT
MANHOLES 5-J-S 15.2

EXPOSE EXISTING
WATER MAIN

INSTALL TEMPORARY STORM SEWER PLUG IN 36" SSPRC.
SEE PROFILE VIEW FOR MORE INFORMATION.

13.0 STA 50+71, 16.3' LT
CATCH BASINS 2x3-H

DRAIN SLOTTED VANE

13.2 STA 50+75, 5.5' RT
MANHOLES 7-J-S

INSULATION BOARD
POLYSTYRENE, 4-INCH

SOIL CONSERVATION SERVICE MAP OF DOOR COUNTY SHOWS A HIGH PERCENTAGE OF
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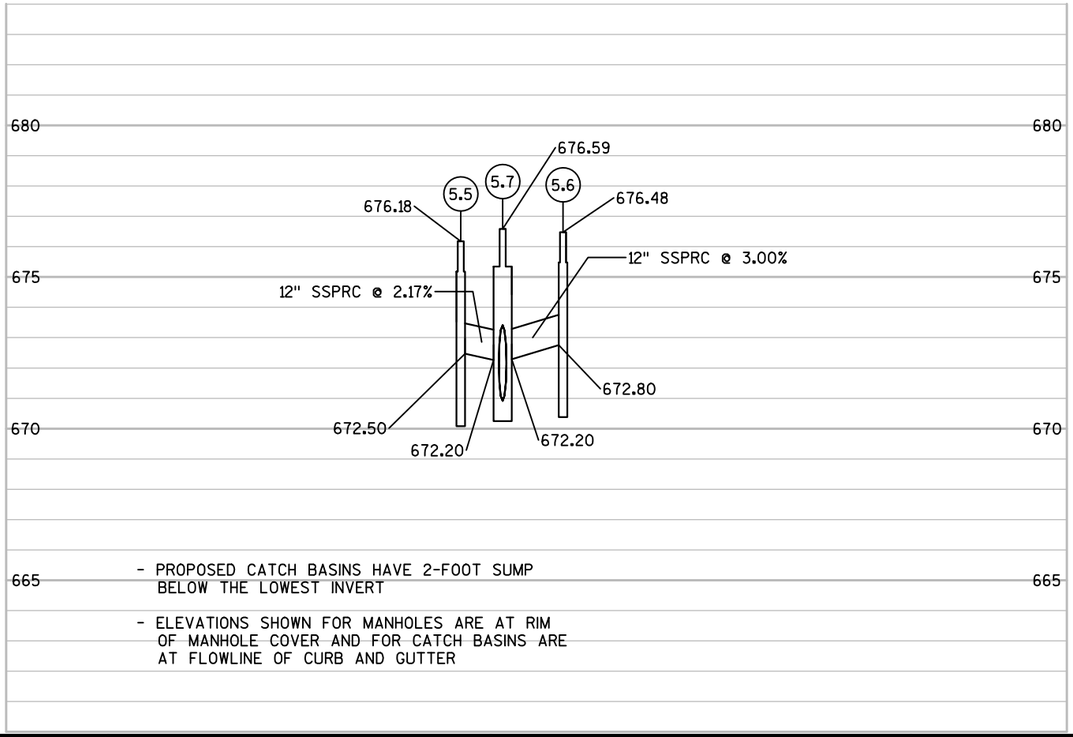
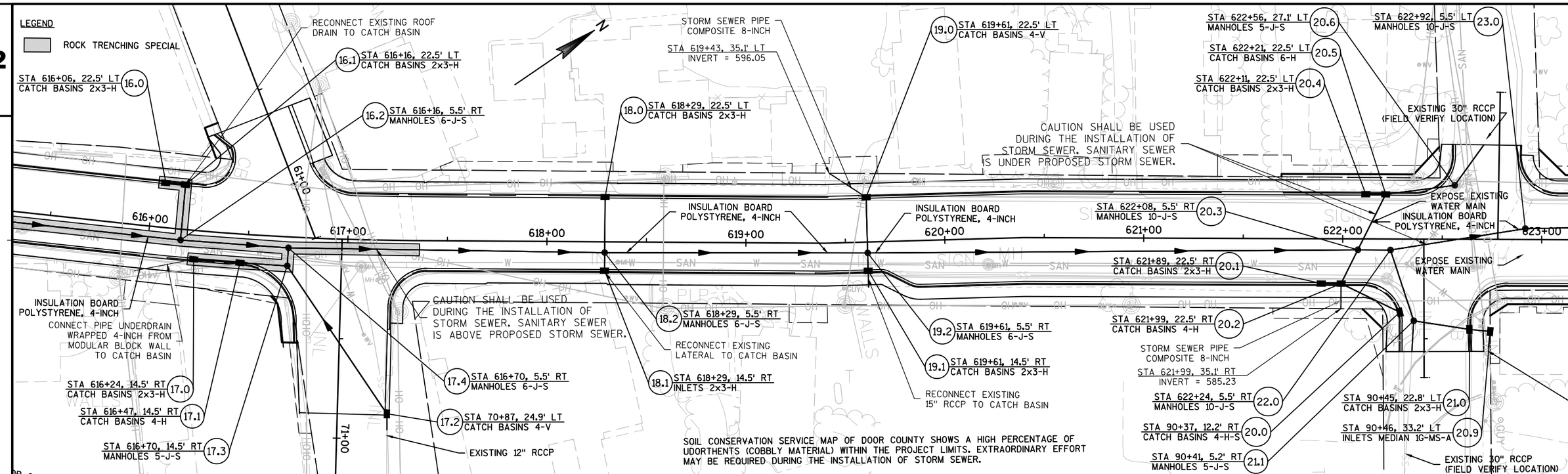


PROJECT NO:4610-06-71	HWY:STH 42	COUNTY:DOOR	STORM SEWER	SHEET	E



PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	STORM SEWER	SHEET	E

2

LEGEND

ROCK TRENCHING SPECIAL

RECONNECT EXISTING ROOF DRAIN TO CATCH BASIN

STA 616+06, 22.5' LT CATCH BASINS 2x3-H (16.0)

(16.1) STA 616+16, 22.5' LT CATCH BASINS 2x3-H

(16.2) STA 616+16, 5.5' RT MANHOLES 6-J-S

STORM SEWER PIPE COMPOSITE 8-INCH

STA 619+43, 35.1' LT INVERT = 596.05

(18.0) STA 618+29, 22.5' LT CATCH BASINS 2x3-H

(19.0) STA 619+61, 22.5' LT CATCH BASINS 4-V

STA 622+56, 27.1' LT MANHOLES 5-J-S (20.6)

STA 622+21, 22.5' LT CATCH BASINS 6-H (20.5)

STA 622+11, 22.5' LT CATCH BASINS 2x3-H (20.4)

STA 622+92, 5.5' LT MANHOLES 10-J-S (23.0)

EXISTING 30" RCCP (FIELD VERIFY LOCATION)

CAUTION SHALL BE USED DURING THE INSTALLATION OF STORM SEWER. SANITARY SEWER IS UNDER PROPOSED STORM SEWER.

616+00 617+00 618+00 619+00 620+00 621+00 622+00 623+00

INSULATION BOARD POLYSTYRENE, 4-INCH

INSULATION BOARD POLYSTYRENE, 4-INCH

STA 622+08, 5.5' RT MANHOLES 10-J-S (20.3)

EXPOSE EXISTING WATER MAIN

INSULATION BOARD POLYSTYRENE, 4-INCH

STA 621+89, 22.5' RT CATCH BASINS 2x3-H (20.1)

EXPOSE EXISTING WATER MAIN

INSULATION BOARD POLYSTYRENE, 4-INCH

CONNECT PIPE UNDERDRAIN WRAPPED 4-INCH FROM MODULAR BLOCK WALL TO CATCH BASIN

CAUTION SHALL BE USED DURING THE INSTALLATION OF STORM SEWER. SANITARY SEWER IS ABOVE PROPOSED STORM SEWER.

(18.2) STA 618+29, 5.5' RT MANHOLES 6-J-S

RECONNECT EXISTING LATERAL TO CATCH BASIN

(19.2) STA 619+61, 5.5' RT MANHOLES 6-J-S

STA 621+99, 22.5' RT CATCH BASINS 4-H (20.2)

STA 616+24, 14.5' RT CATCH BASINS 2x3-H (17.0)

STA 616+47, 14.5' RT CATCH BASINS 4-H (17.1)

STA 616+70, 14.5' RT MANHOLES 5-J-S (17.3)

(17.4) STA 616+70, 5.5' RT MANHOLES 6-J-S

(17.2) STA 70+87, 24.9' LT CATCH BASINS 4-V

EXISTING 12" RCCP

(18.1) STA 618+29, 14.5' RT INLETS 2x3-H

(19.1) STA 619+61, 14.5' RT CATCH BASINS 2x3-H

RECONNECT EXISTING 15" RCCP TO CATCH BASIN

STORM SEWER PIPE COMPOSITE 8-INCH

STA 621+99, 35.1' RT INVERT = 585.23

STA 622+24, 5.5' RT MANHOLES 10-J-S (22.0)

STA 90+37, 12.2' RT CATCH BASINS 4-H-S (20.0)

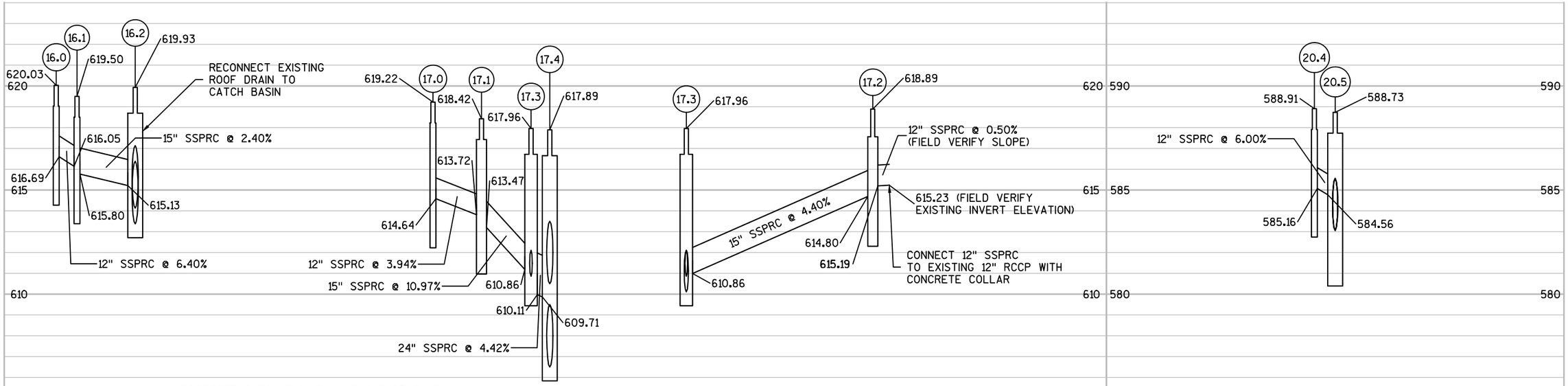
STA 90+41, 5.2' RT MANHOLES 5-J-S (21.1)

STA 90+45, 22.8' LT CATCH BASINS 2x3-H (21.0)

STA 90+46, 33.2' LT INLETS MEDIAN 1G-MS-A (20.9)

EXISTING 30" RCCP (FIELD VERIFY LOCATION)

SOIL CONSERVATION SERVICE MAP OF DOOR COUNTY SHOWS A HIGH PERCENTAGE OF UDORTHENTS (COBBLY MATERIAL) WITHIN THE PROJECT LIMITS. EXTRAORDINARY EFFORT MAY BE REQUIRED DURING THE INSTALLATION OF STORM SEWER.



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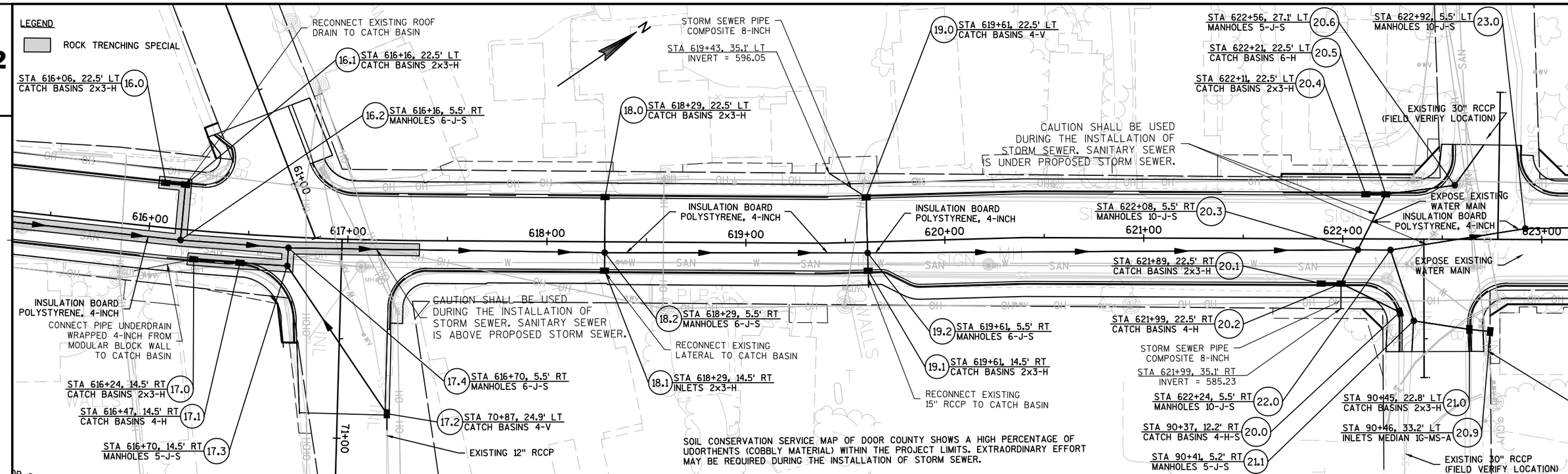
PROJECT NO:4610-06-71	HWY:STH 42	COUNTY:DOOR	STORM SEWER	SHEET	E



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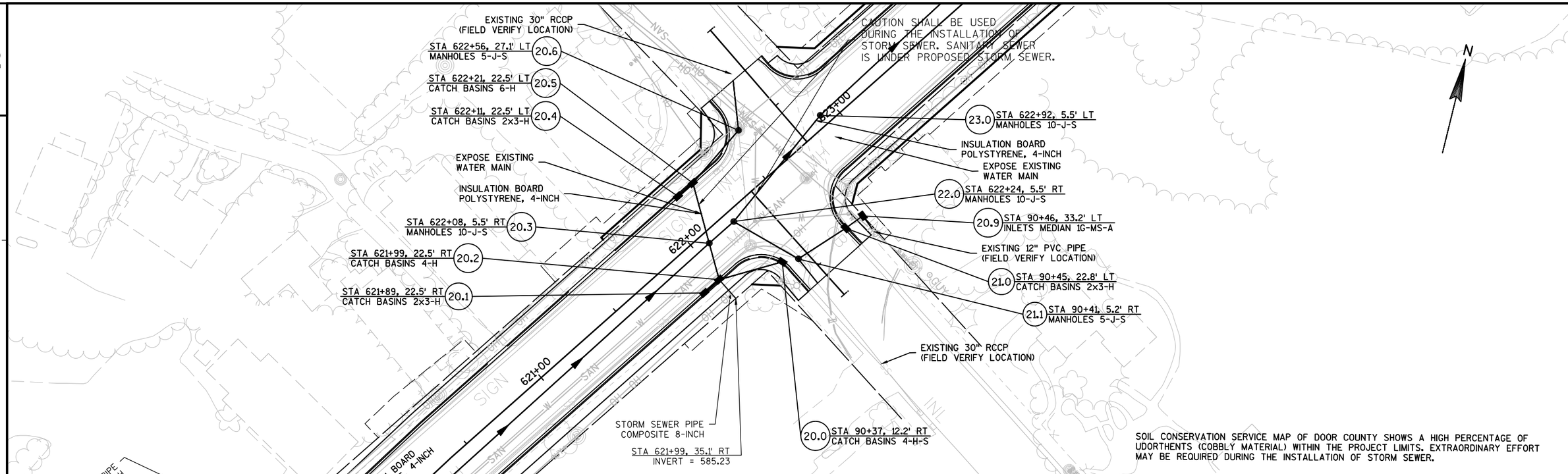

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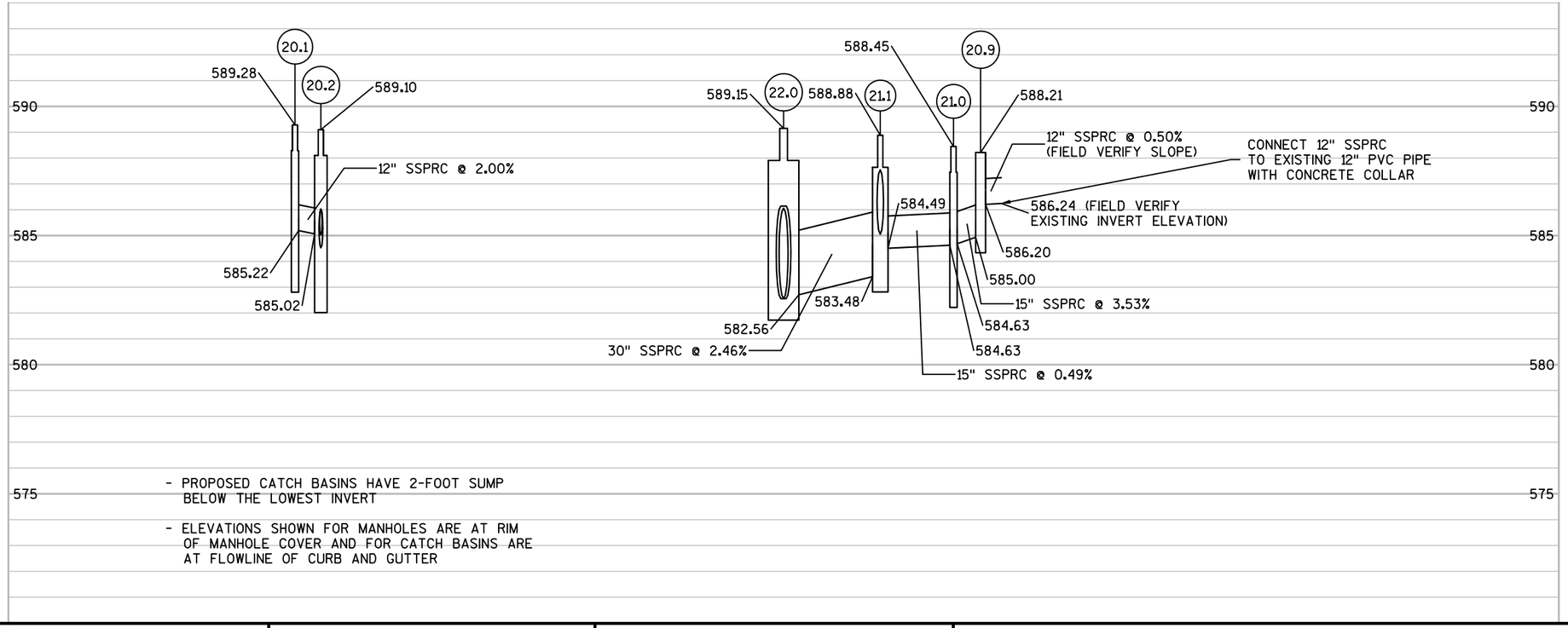

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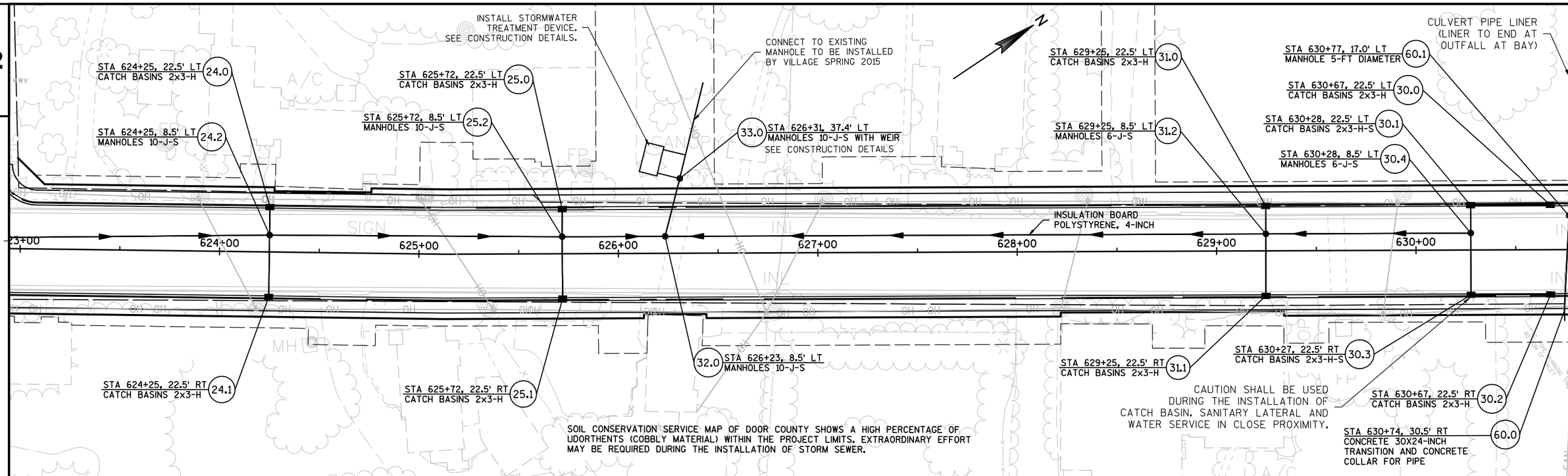

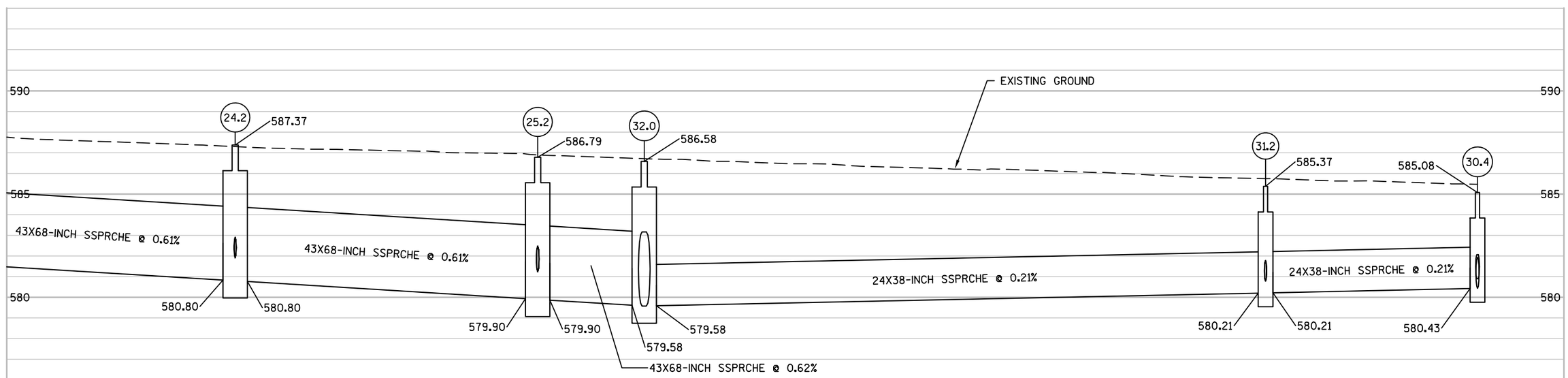

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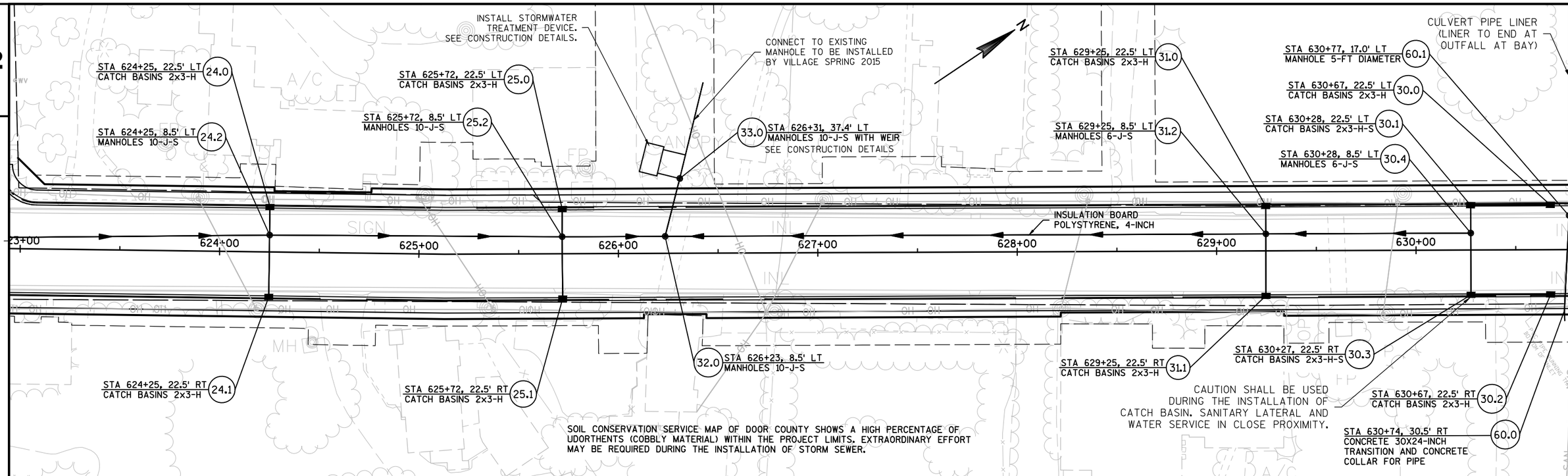

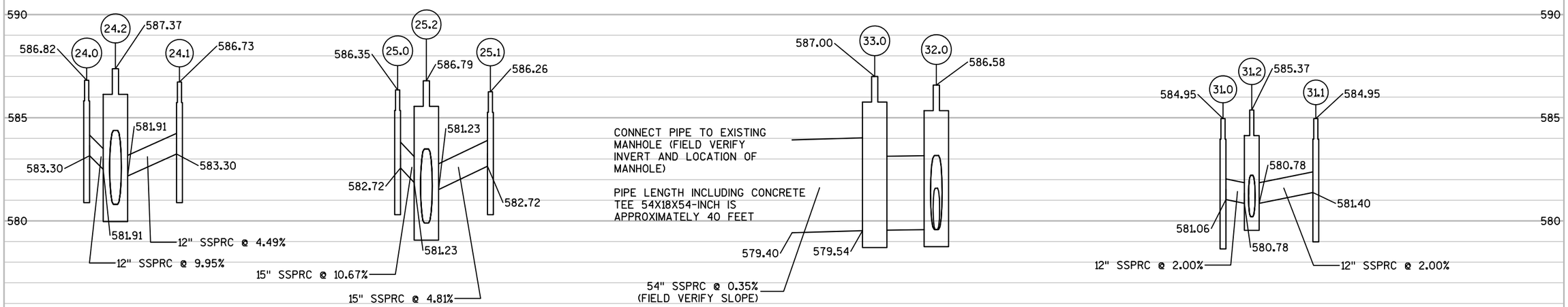

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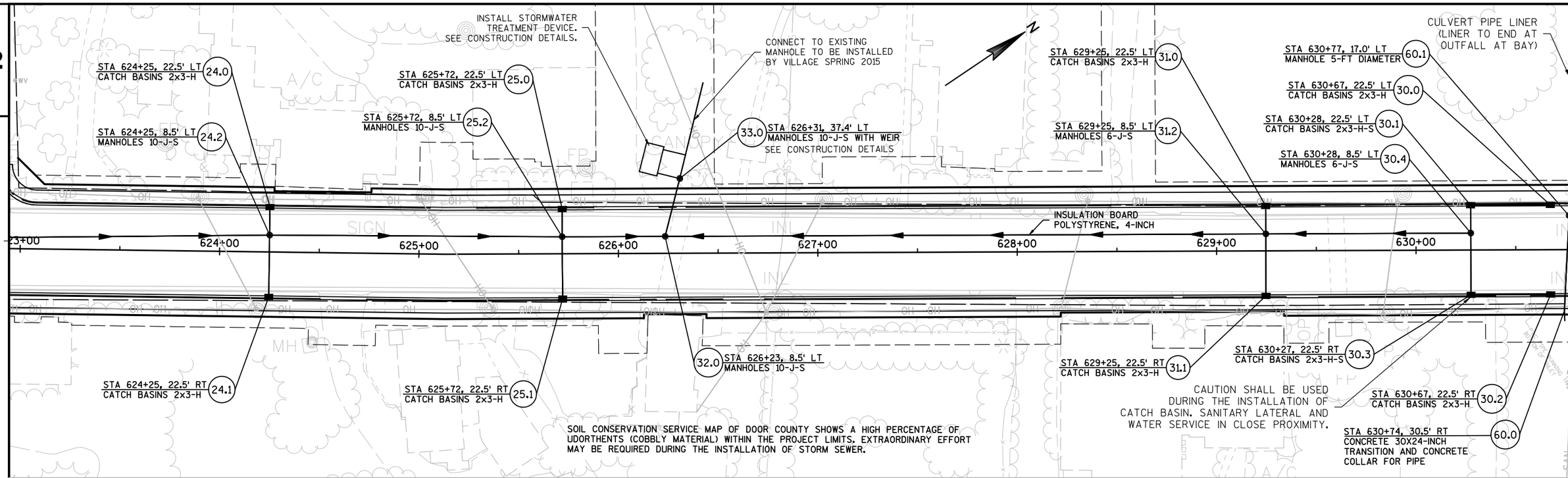
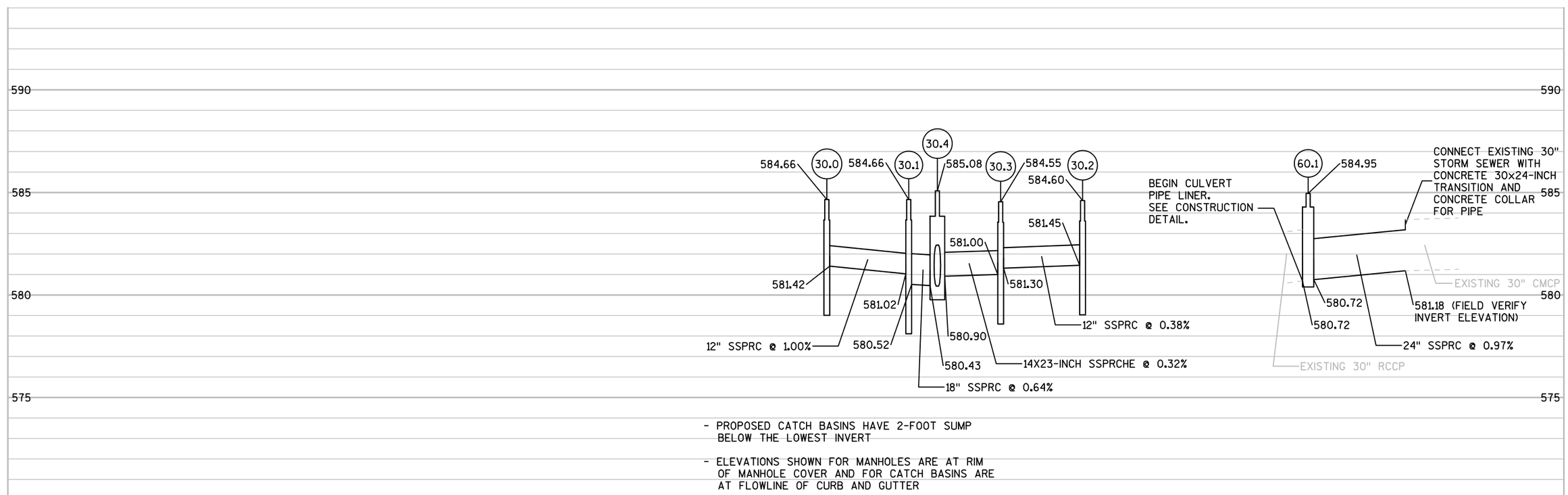
SEE CONSTRUCTION DETAIL FOR STORMWATER TREATMENT DEVICE AT STA 626+17, 47.2 LT DETAIL FOR CONCRETE TEE CONNECTION AND CONNECTION TO STORMWATER TREATMENT DEVICE

PROJECT NO:4610-06-71	HWY:STH 42	COUNTY:DOOR	STORM SEWER	SHEET	E





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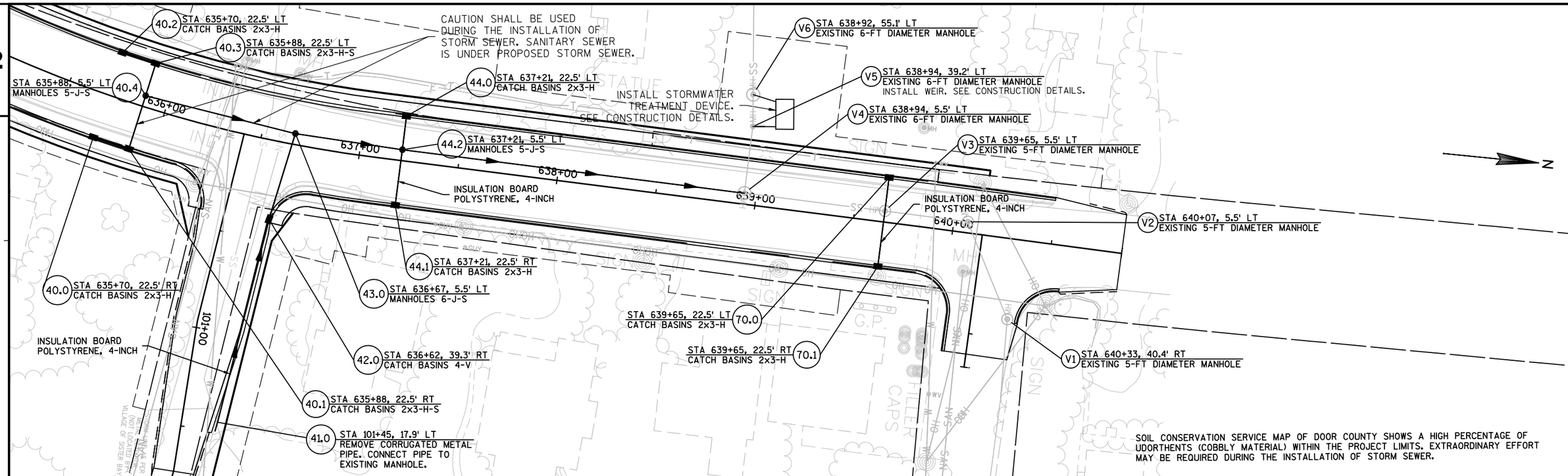
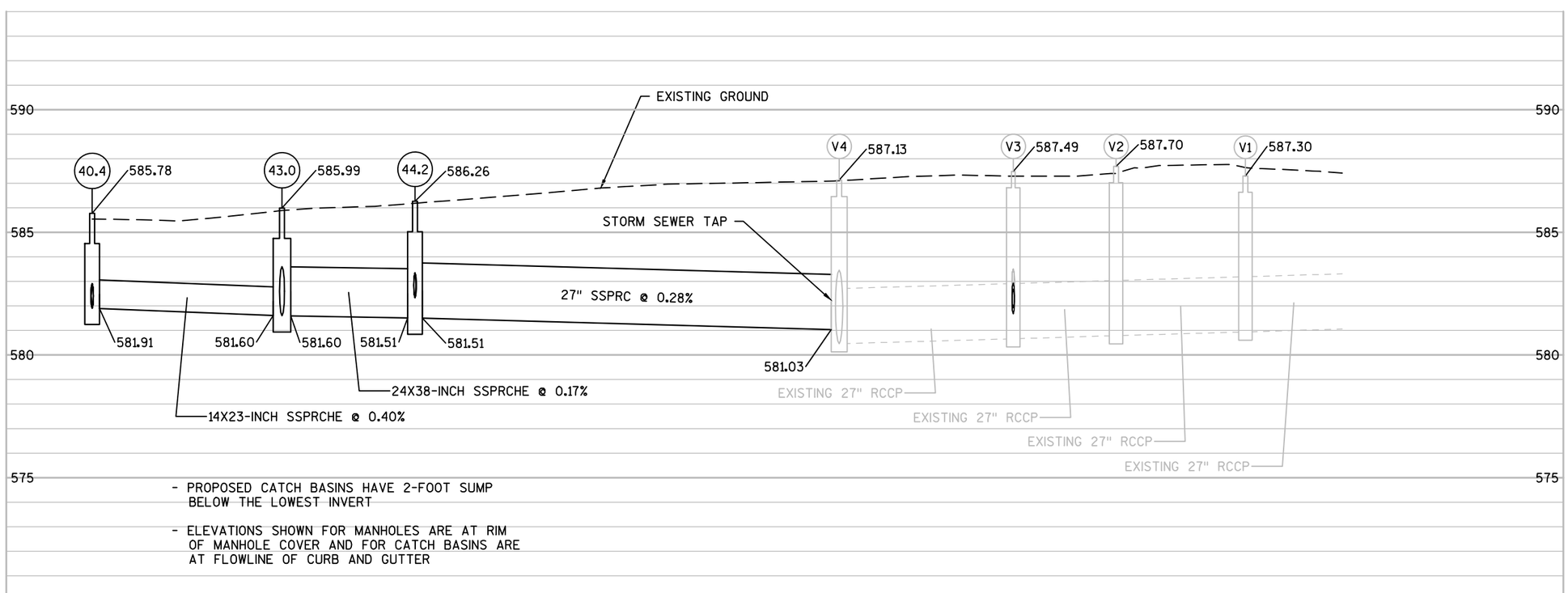
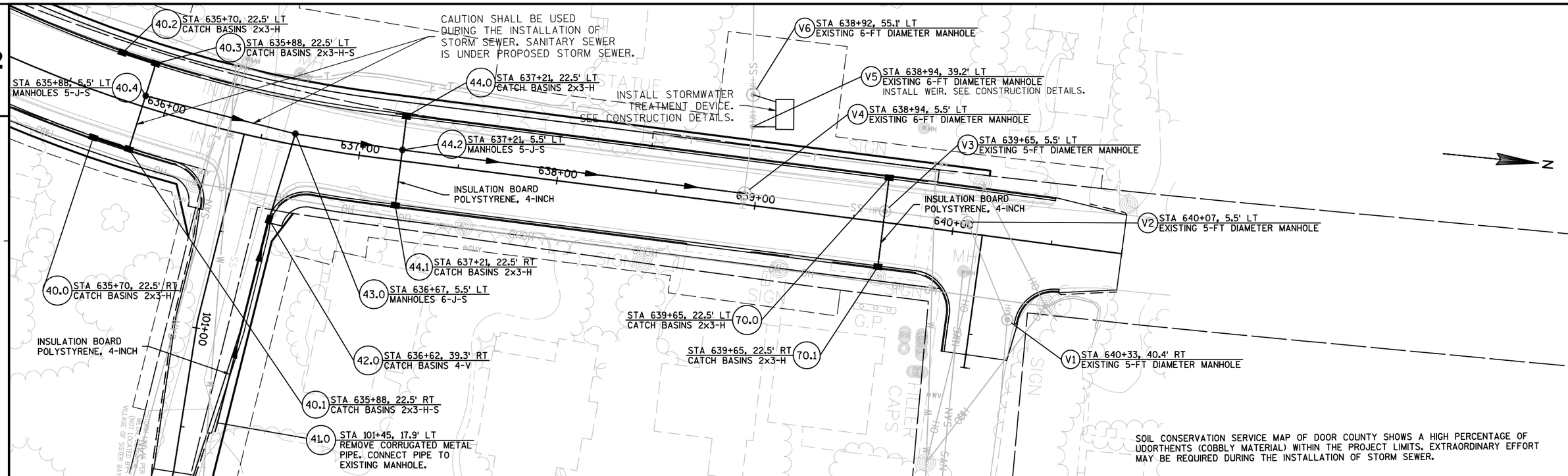
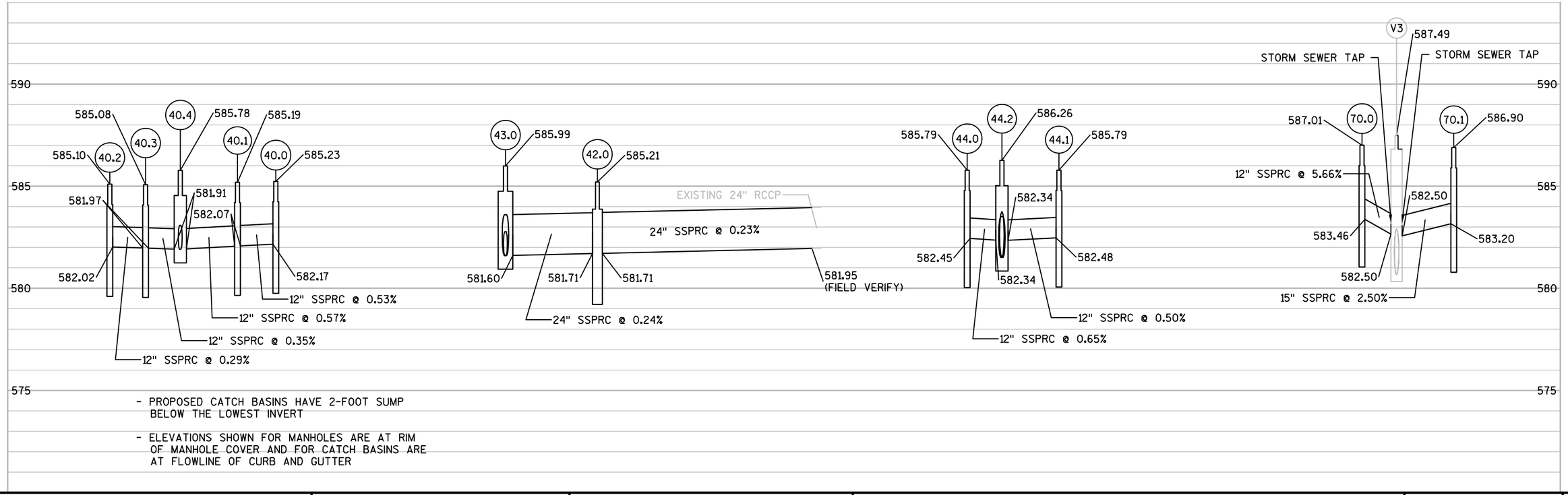




- PROPOSED CATCH BASINS HAVE 2-FOOT SUMP BELOW THE LOWEST INVERT
- ELEVATIONS SHOWN FOR MANHOLES ARE AT RIM OF MANHOLE COVER AND FOR CATCH BASINS ARE AT FLOWLINE OF CURB AND GUTTER

PROJECT NO:4610-06-71	HWY:STH 42	COUNTY:DOOR	STORM SEWER	SHEET	E





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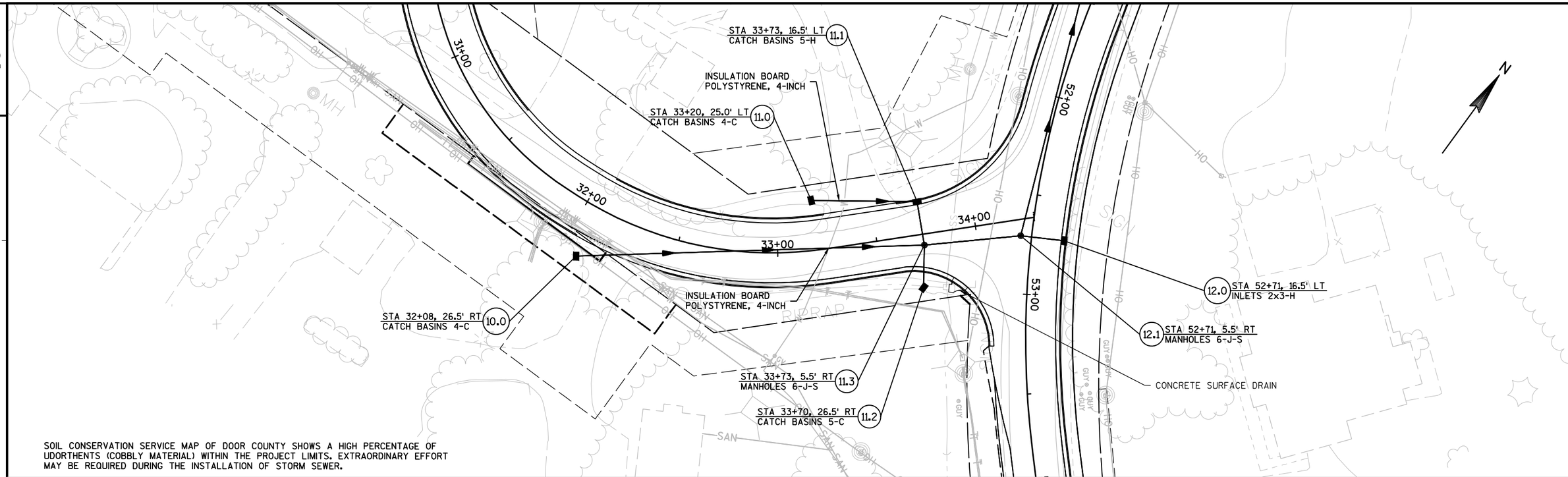
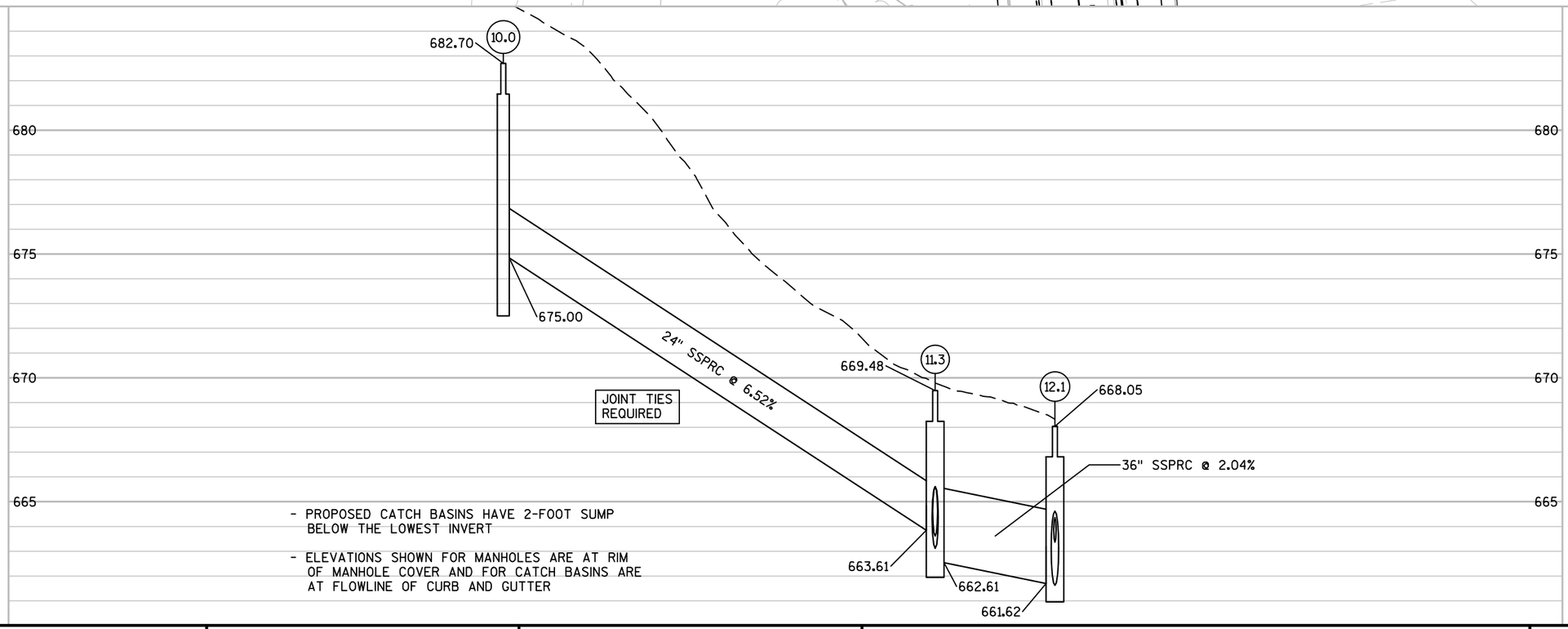
PROJECT NO:4610-06-71	HWY:STH 42	COUNTY:DOOR	STORM SEWER	SHEET	E



SOIL CONSERVATION SERVICE MAP OF DOOR COUNTY SHOWS A HIGH PERCENTAGE OF UDORTHENTS (COBBLY MATERIAL) WITHIN THE PROJECT LIMITS. EXTRAORDINARY EFFORT MAY BE REQUIRED DURING THE INSTALLATION OF STORM SEWER.



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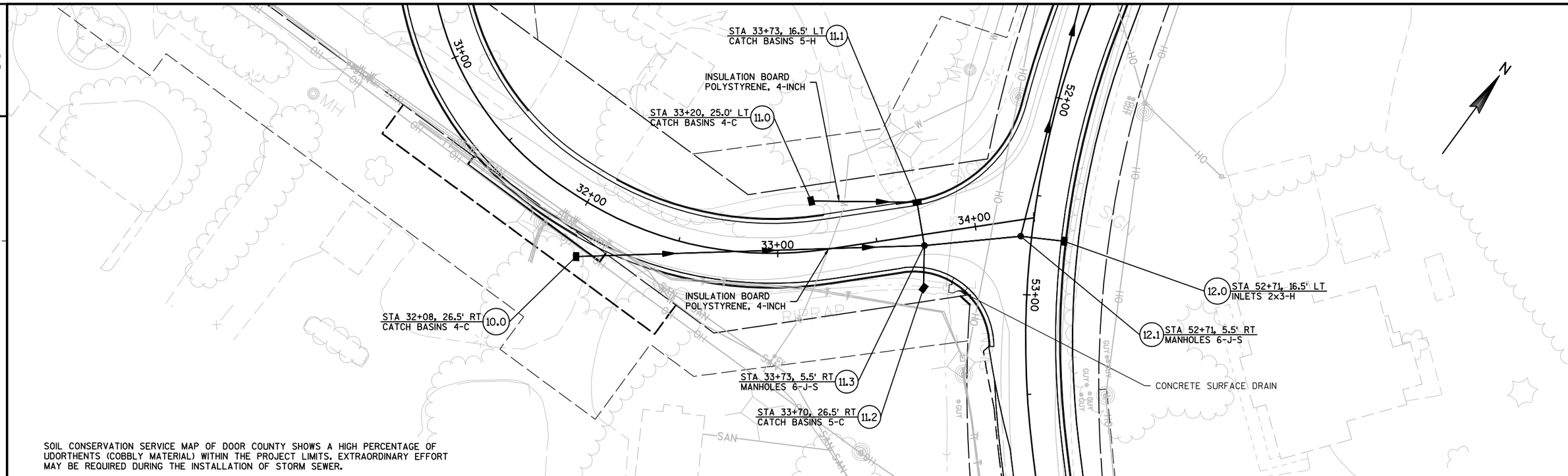
PROJECT NO:4610-06-71	HWY:STH 42	COUNTY:DOOR	STORM SEWER	SHEET	E



SOIL CONSERVATION SERVICE MAP OF DOOR COUNTY SHOWS A HIGH PERCENTAGE OF UDORTHENTS (COBBLY MATERIAL) WITHIN THE PROJECT LIMITS. EXTRAORDINARY EFFORT MAY BE REQUIRED DURING THE INSTALLATION OF STORM SEWER.

- PROPOSED CATCH BASINS HAVE 2-FOOT SUMP BELOW THE LOWEST INVERT
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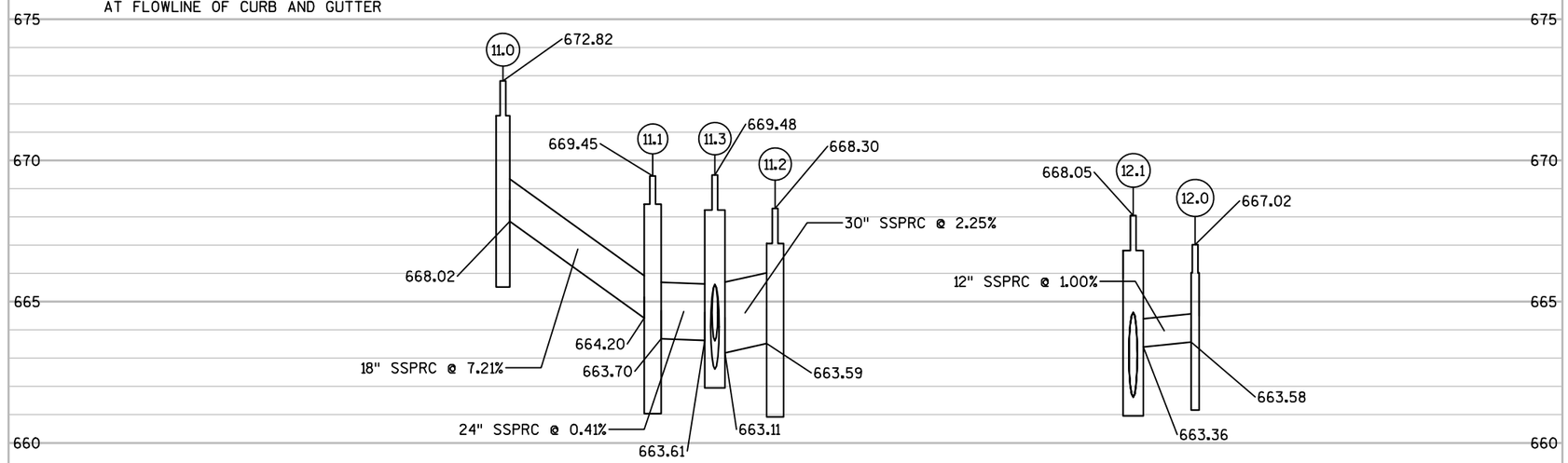


PROJECT NO:4610-06-71	HWY:STH 42	COUNTY:DOOR	STORM SEWER	SHEET	E

2

LEGEND

ROCK TRENCHING SPECIAL

N

14.0 STA 612+71, 5.5' RT
MANHOLES 7-J-S

INSULATION BOARD
POLYSTYRENE, 2-INCH

INSTALL TEMPORARY STORM SEWER PLUG IN 36" SSPRC.
SEE PROFILE VIEW FOR MORE INFORMATION.

CAUTION SHALL BE USED
DURING THE INSTALLATION OF
STORM SEWER. SANITARY SEWER
IS ABOVE PROPOSED STORM SEWER.

13.0 STA 50+71, 16.3' LT
CATCH BASINS 2x3-H

DRAIN SLOTTED VANE

STA 41+30, 12.9' LT
CATCH BASINS 4-B-A 80.0

STA 41+15, 12.5' RT
CATCH BASINS 4-H 80.1

13.2 STA 50+75, 5.5' RT
MANHOLES 7-J-S

12.0 STA 52+71, 16.5' LT
INLETS 2x3-H

12.1 STA 52+71, 5.5' RT
MANHOLES 6-J-S

614+00

613+00

612+00

42+00

41+00

51+00

52+00

53+00

54+00

55+00

56+00

34+00

13.1 STA 50+74, 34.8' RT
CATCH BASINS 4-H-S

CONNECT MANHOLE TO EXISTING 36" CMCP
FOR TEMPORARY DRAINAGE. AFTER COMPLETION OF
USING STORM SEWER FOR TEMPORARY DRAINAGE,
FILL WITH CELLULAR CONCRETE TO ELEVATION 650.10.

CONNECT CATCH BASIN TO EXISTING MANHOLE
WITH 18-INCH SSPRC FOR TEMPORARY DRAINAGE.
REMOVE PIPE AFTER COMPLETION OF USING PIPE
FOR TEMPORARY DRAINAGE.

CONCRETE SURFACE DRAIN

INSULATION BOARD
POLYSTYRENE, 2-INCH

11.2 STA 33+70, 26.5' RT
CATCH BASINS 5-C

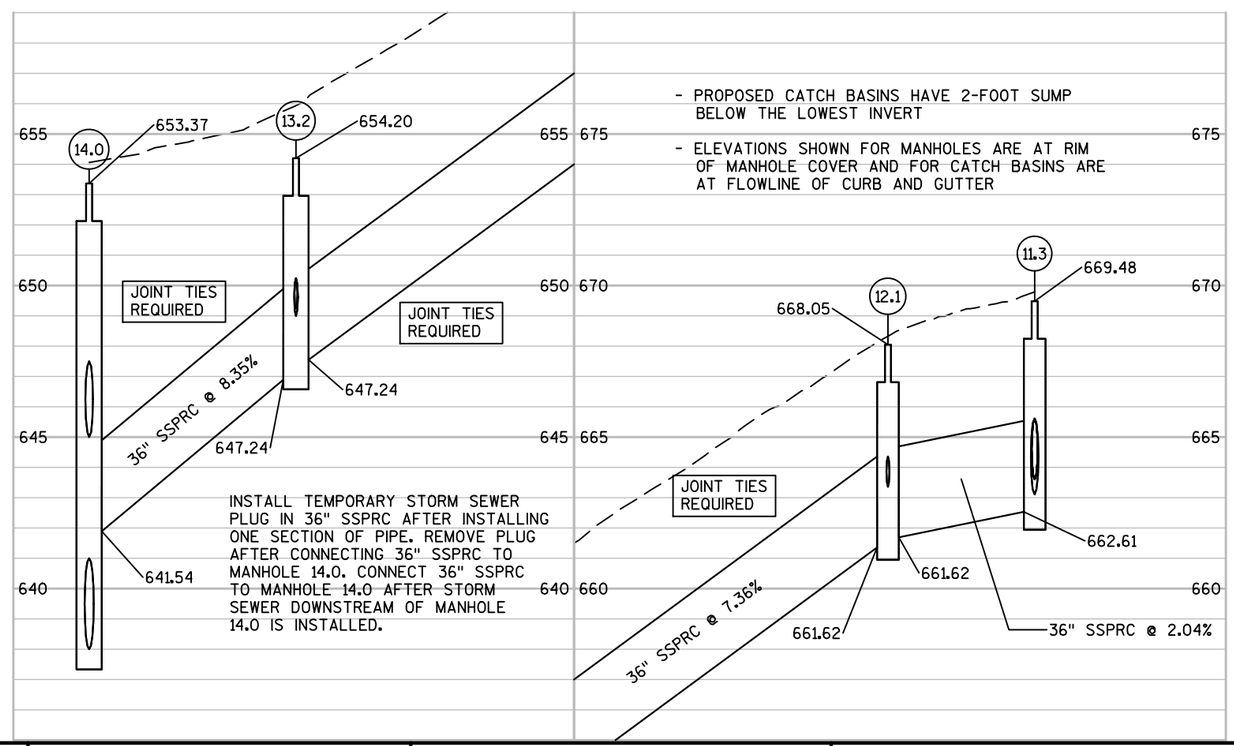
STA 33+73, 16.5' LT
CATCH BASINS 5-H 11.1

11.3 STA 33+73, 5.5' RT
MANHOLES 6-J-S

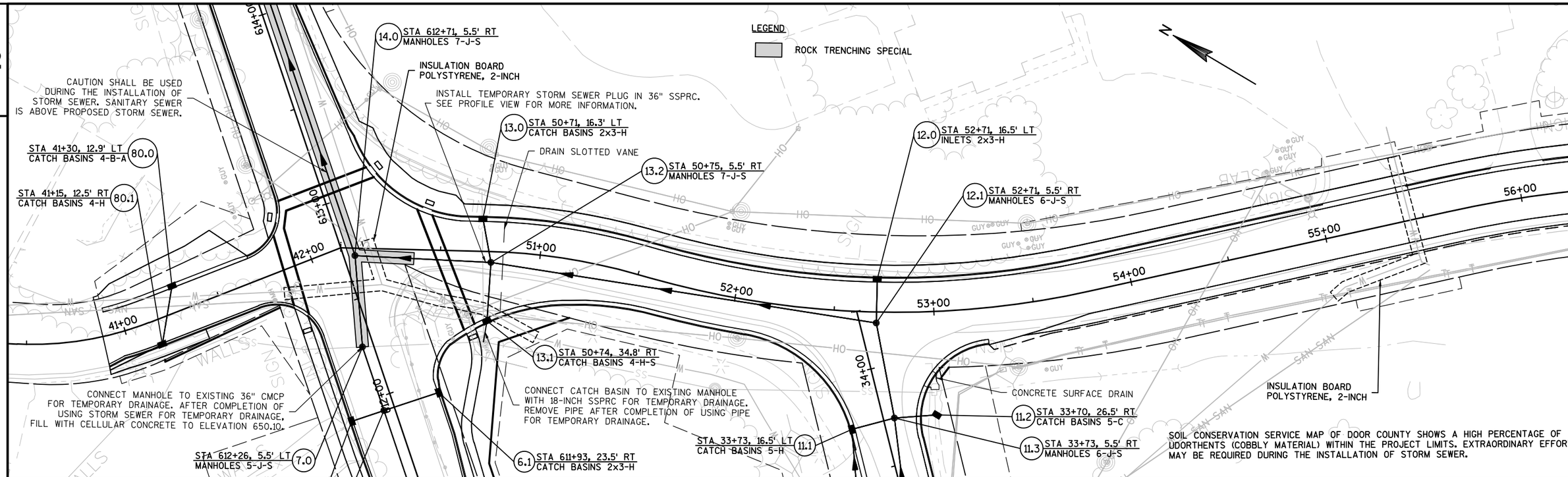
STA 612+26, 5.5' LT
MANHOLES 5-J-S 7.0

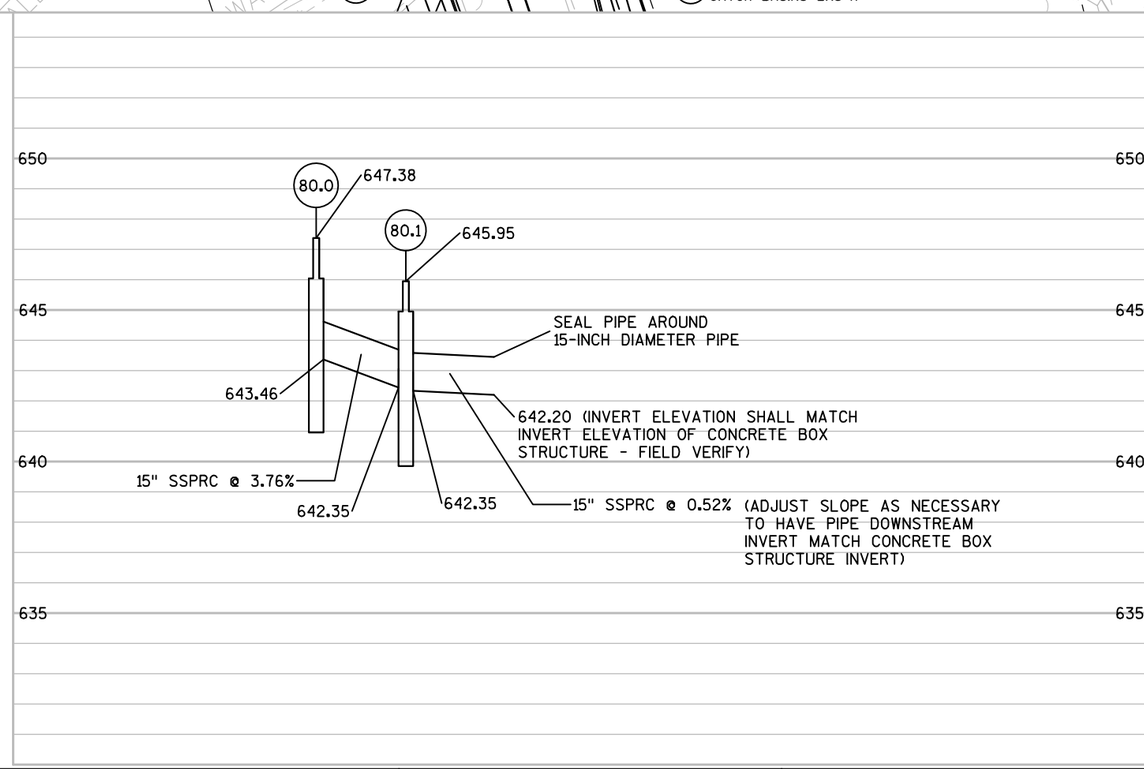
6.1 STA 611+93, 23.5' RT
CATCH BASINS 2x3-H

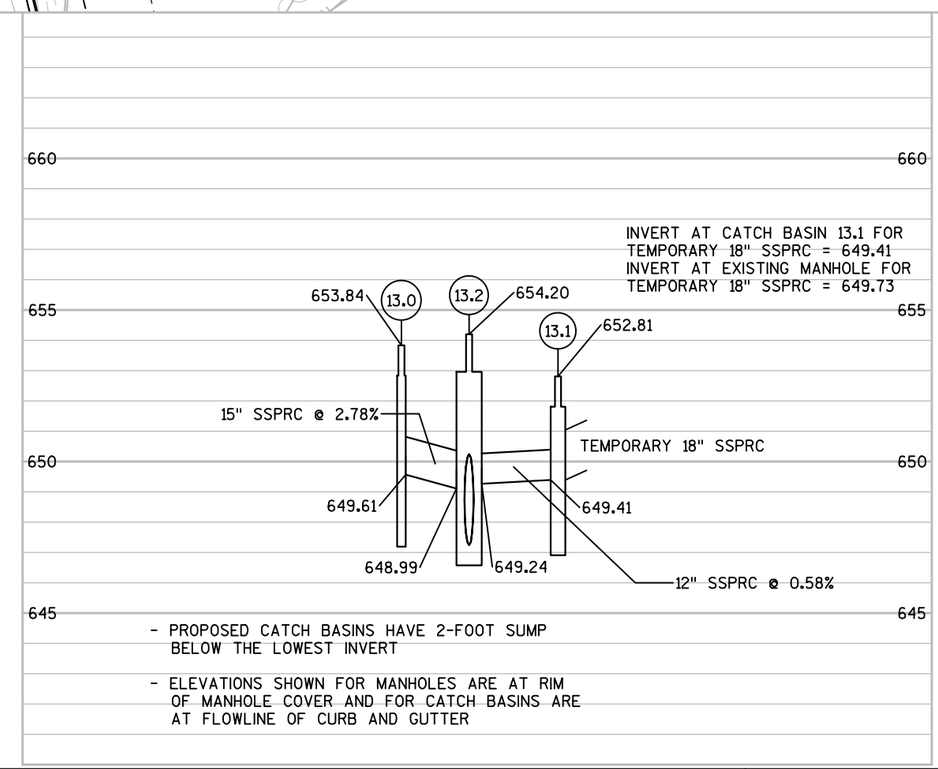
SOIL CONSERVATION SERVICE MAP OF DOOR COUNTY SHOWS A HIGH PERCENTAGE OF
UDORTHENTS (COBBLY MATERIAL) WITHIN THE PROJECT LIMITS. EXTRAORDINARY EFFORT
MAY BE REQUIRED DURING THE INSTALLATION OF STORM SEWER.



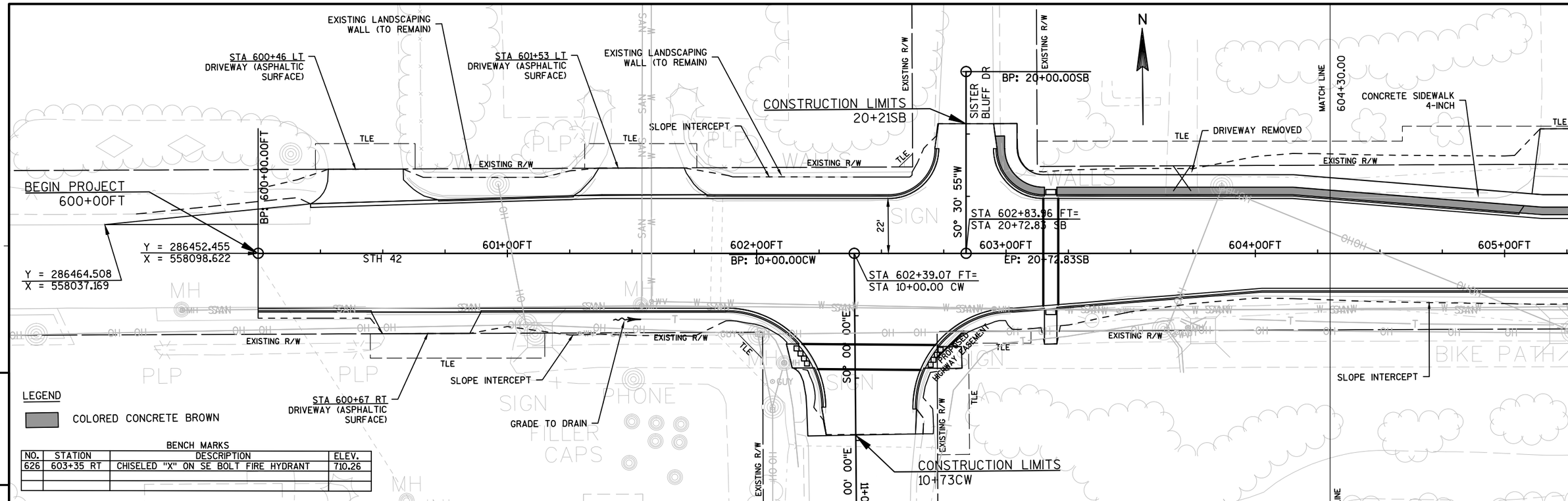
PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	STORM SEWER	SHEET	E





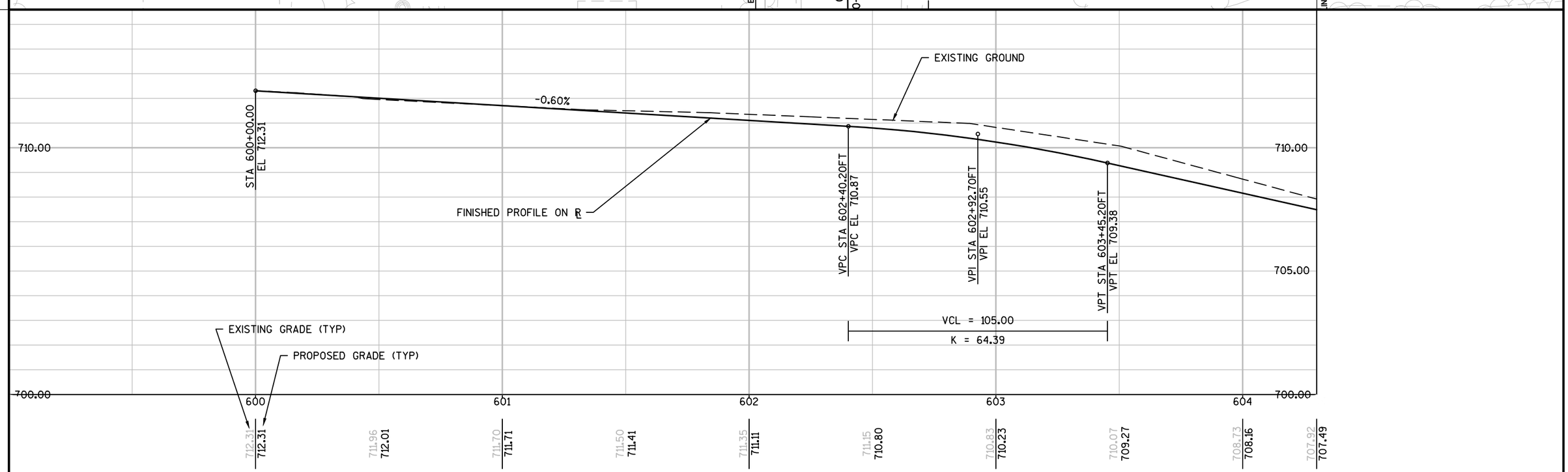


PROJECT NO:4610-06-71	HWY:STH 42	COUNTY:DOOR	STORM SEWER	SHEET	E

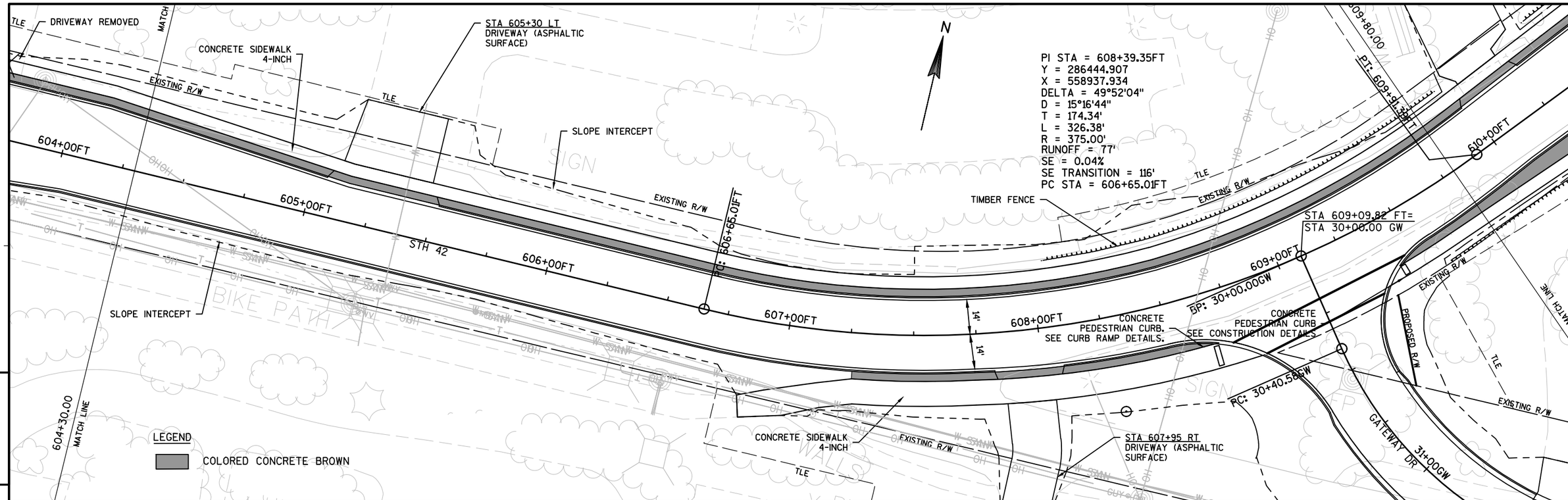


BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
626	603+35 RT	CHISELED "X" ON SE BOLT FIRE HYDRANT	710.26



PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: STH 42	SHEET	E



PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: STH 42	SHEET	E

FILE NAME : N:\PDS\C3D\46100600\SHEETSPLAN\1078 PLAN\PLANPROFILE\050101_PP.DWG PLOT DATE : 1/30/2015 8:21 AM PLOT BY : FARRELL, ALAN E PLOT NAME : PLOT SCALE : 1" = 40'_XREF

STA 610+11 LT
DRIVEWAY (ASPHALTIC SURFACE TO 10 FEET BEHIND SIDEWALK AND BASE AGGREGATE DENSE 1 1/4-INCH BEHIND ASPHALTIC SURFACE)

TIMBER FENCE

CONCRETE SIDEWALK 4-INCH

SLOPE INTERCEPT

PT: 609+91.39FT

201+09

STA 611+43 LT
DRIVEWAY (ASPHALTIC SURFACE)

PROPOSED R/W

EXISTING R/W

TLE

BLUFFSIDE LN

SLOPE INTERCEPT

STA 41+32 LT
PARKING AREA (ASPHALTIC SURFACE)

STA 614+49 LT
DRIVEWAY (ASPHALTIC SURFACE)

INSTALL SHREDDED HARDWOOD BULK MULCH

SLOPE INTERCEPT

MATCH LINE 615+30.00

REPLACE CONCRETE TO FACE OF BUILDING OR WALL

ALIGNMENT FOR DRIVEWAY FOR STH 42 STA 611+44 LT

CONCRETE PEDESTRIAN CURB. SEE CURB RAMP DETAILS.

BP: 50+00.00FS

EP: 42+15.74BL

STA 612+76.88 FT=
STA 42+15.74 BL

STA 612+76.88 FT=
STA 50+00.00 FS

CONCRETE SIDEWALK 4-INCH

610+00FT 611+00FT 612+00FT 613+00FT 614+00FT 615+00FT

STH 42

200+00

42+00BL

EXISTING R/W

PROPOSED R/W

TLE

SLOPE INTERCEPT

CONCRETE SIDEWALK 4-INCH

TIMBER FENCE

609+80.00

MATCH LINE

LEGEND

COLORED CONCRETE BROWN

PC: 50+73.23FS

51+00

CONCRETE SIDEWALK 4-INCH

STA 614+66 RT
DRIVEWAY (ASPHALTIC SURFACE)

START MODULAR BLOCK WALL SEE CONSTRUCTION DETAILS

CONCRETE SIDEWALK 4-INCH

SLOPE INTERCEPT

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
627	612+55 LT	CHISELED "X" ON SE BURY BOLT FIRE HYDRANT	654.55

EXISTING GROUND

FINISHED PROFILE ON ℞

IDENTICAL POINT

-10.50%

-11.50%

VPC STA 612+58.36FT
VPC EL 654.80

VPI STA 613+10.86FT
VPI EL 649.291

VPT STA 613+63.36FT
VPT EL 643.25

VPC STA 614+33.76FT
VPC EL 635.16

VCL = 105.00
K = 105.00

VCL = 240.00
K = 28.14

EXISTING GRADE (TYP)

PROPOSED GRADE (TYP)

695.00 685.00 675.00 665.00 655.00 645.00 635.00 625.00

690.00 680.00 670.00 660.00 650.00 640.00 630.00

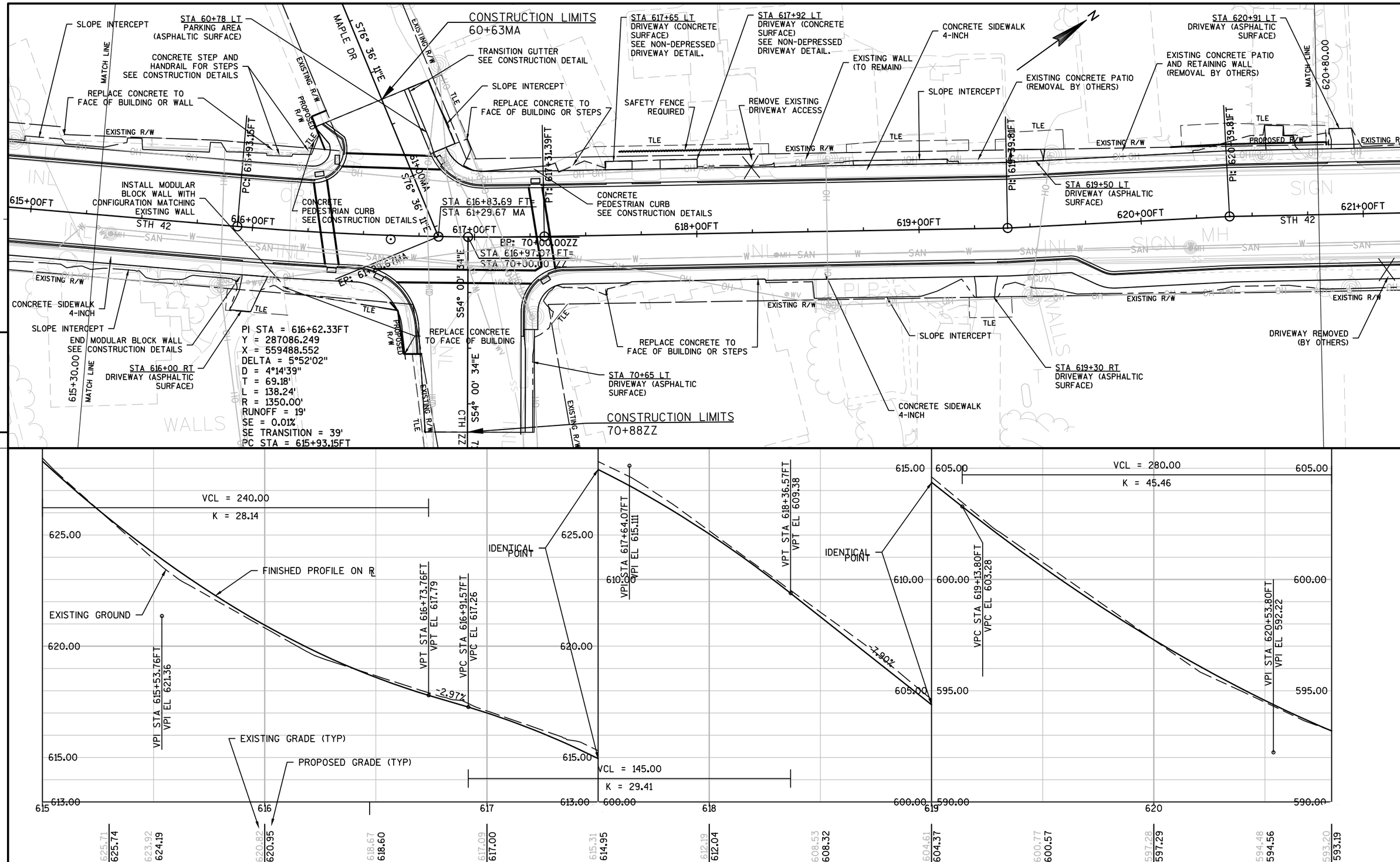
685.00 675.00 665.00 655.00 645.00 635.00 625.00

681.00 671.00 660.00 650.00 640.00 630.00

610 611 612 613 614 615

689.46 684.03 | 687.09 681.93 | 681.26 676.68 | 675.21 671.43 | 669.44 666.18 | 662.96 660.93 | 656.77 655.68 | 650.94 650.35 | 645.05 644.78 | 639.19 639.04 | 633.65 633.34 | 628.46 628.32 | 625.71 625.74

PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: STH 42	SHEET	E



PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: STH 42	SHEET	E

FILE NAME : N:\PDS\C3D\46100600\SHEETSPLAN\1078 PLAN\PLANPROFILE\050101_PP.DWG PLOT DATE : 1/30/2015 8:26 AM PLOT BY : FARRELL, ALAN E PLOT NAME : PLOT SCALE : 1" = 40'_XREF

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
628	622+70 RT	CHISELED "X" ON SW BOLT FIRE HYDRANT	589.88

STA 620+91 LT
DRIVEWAY (ASPHALTIC SURFACE)

STA 621+54 LT
DRIVEWAY (ASPHALTIC SURFACE)
SEE NON-DEPRESSED DRIVEWAY DETAIL.

SALVAGE AND RESET BRICK PAVERS (UP TO THE STAIRS)

CONSTRUCTION LIMITS
80+26MW

BP: 80+00.00MW

MILL RD

S54° 38' 46"E

MATCH LINE

SLOPE INTERCEPT

CONCRETE SIDEWALK 4-INCH

PATH (ASPHALTIC SURFACE)

SLOPE INTERCEPT

CONCRETE SIDEWALK 4-INCH

STA 625+18 LT
DRIVEWAY (ASPHALTIC SURFACE)

SAFETY FENCE REQUIRED

626+30.00

TLE

PROPOSED R/W

EXISTING R/W

PI: 620+59.48

PI: 625+12.87FT

SIGN

STA 622+77.91 FT=
STA 80+73.94 MW

CONDUIT TO BE INSTALLED BY VILLAGE. COORDINATE WITH VILLAGE UTILITIES DIRECTOR.

STA 626+00 LT
DRIVEWAY (ASPHALTIC SURFACE)

621+00FT

622+00FT

623+00FT

624+00FT

625+00FT

626+00FT

STH 42

BP: 90+00.00ME

EP: 80+73.94MW

STA 622+40.69 FT=
STA 90+00.00 ME

STA 624+62 RT
DRIVEWAY (ASPHALTIC SURFACE)

S55° 44' 51"E

DRIVEWAY REMOVED (BY OTHERS)

CONCRETE SIDEWALK 4-INCH

SLOPE INTERCEPT

CONSTRUCTION LIMITS
90+56ME

EP: 90+69.54ME

620+80.00

SLOPE INTERCEPT

SALVAGE AND RESET BRICK PAVERS

SALVAGE LANDSCAPING MULCH

CONCRETE SIDEWALK 4-INCH

STA 626+03 RT
DRIVEWAY (ASPHALTIC SURFACE)

STA 626+63 RT
DRIVEWAY (CONCRETE SURFACE)

CONCRETE PEDESTRIAN CURB
SEE CONSTRUCTION DETAILS

VCL = 105.00

K = 78.30

VCL = 280.00

K = 45.46

FINISHED PROFILE ON ℞

EXISTING GROUND

EXISTING GRADE (TYP)

PROPOSED GRADE (TYP)

IDENTICAL POINT

-1.74%

VPC STA 622+39.50FT
VPC EL 588.99

VPT STA 621+93.80FT
VPT EL 589.78

VPI STA 620+53.80FT
VPI EL 592.22

VPI STA 622+92.00FT
VPI EL 588.07

VPT STA 623+44.50FT
VPT EL 587.86

600.00 595.00

595.00 590.00

590.00 585.00

585.00 580.00

595.00

590.00

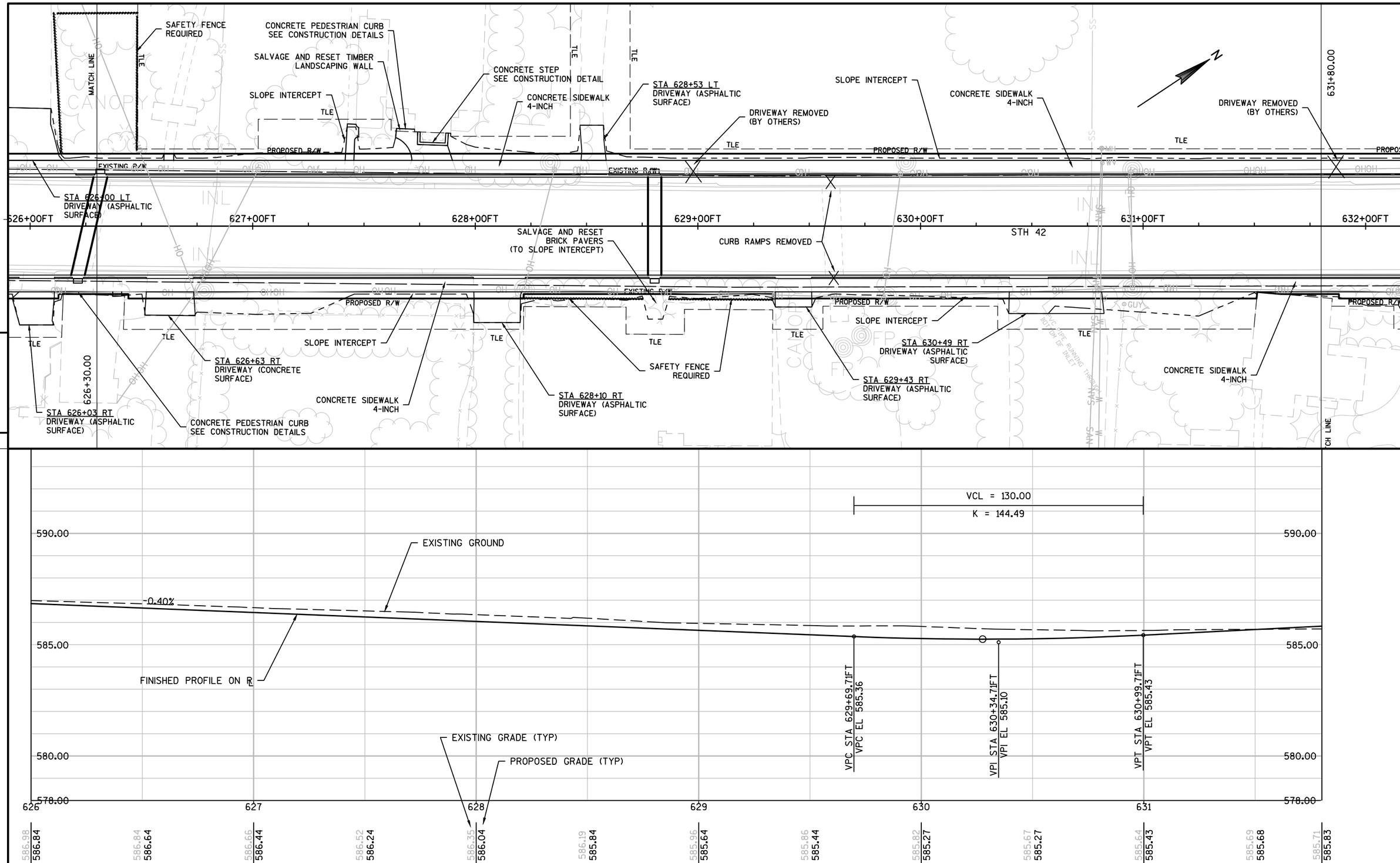
585.00

580.00

621 622 623 624 625 626

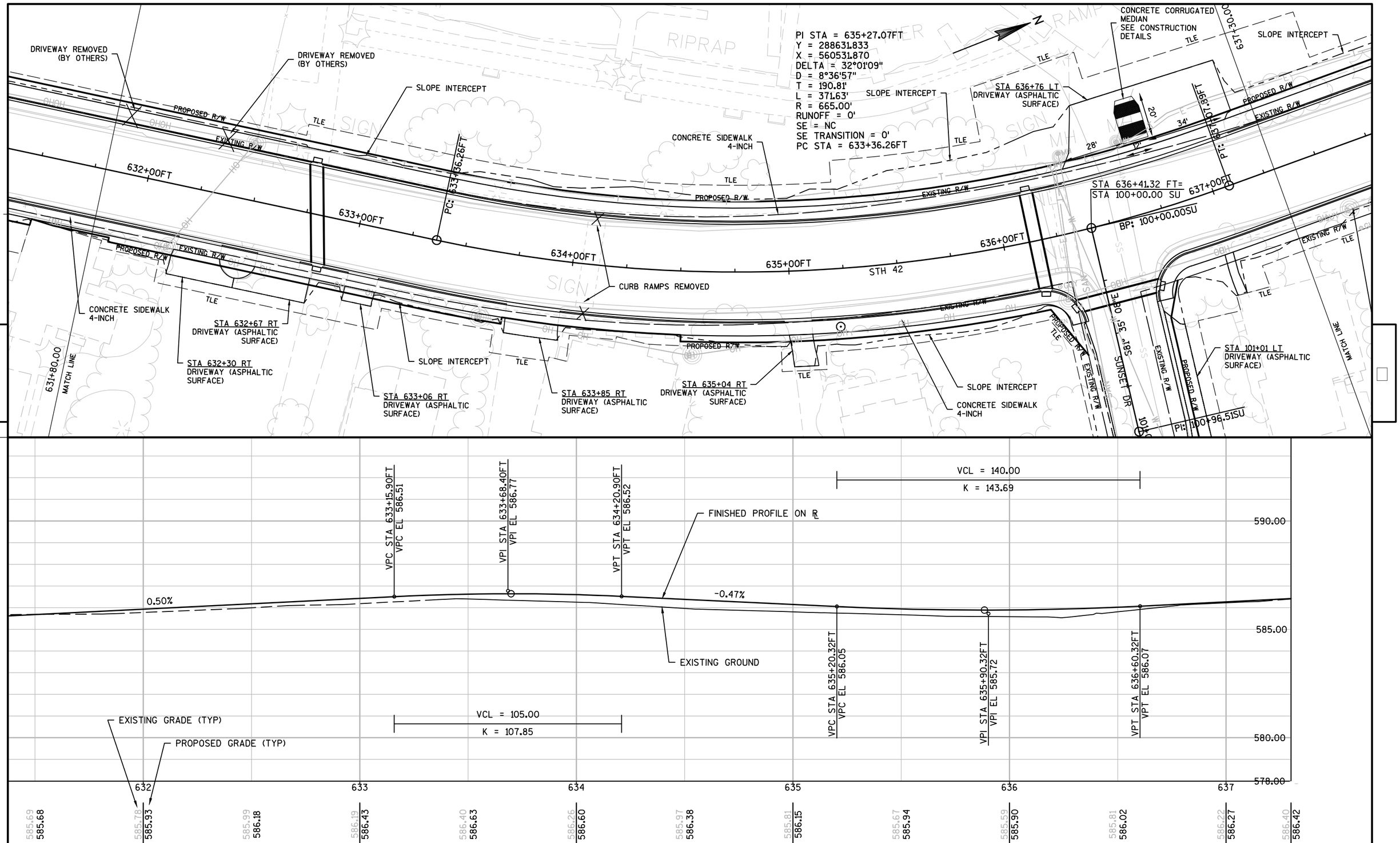
593.20 593.19 592.49 592.39 591.05 590.76 589.78 589.68 588.65 588.81 588.06 588.17 587.72 587.84 587.55 587.64 587.33 587.44 587.19 587.24 587.10 587.04 586.98 586.84 586.89 586.72

PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: STH 42	SHEET	E



PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: STH 42	SHEET	E

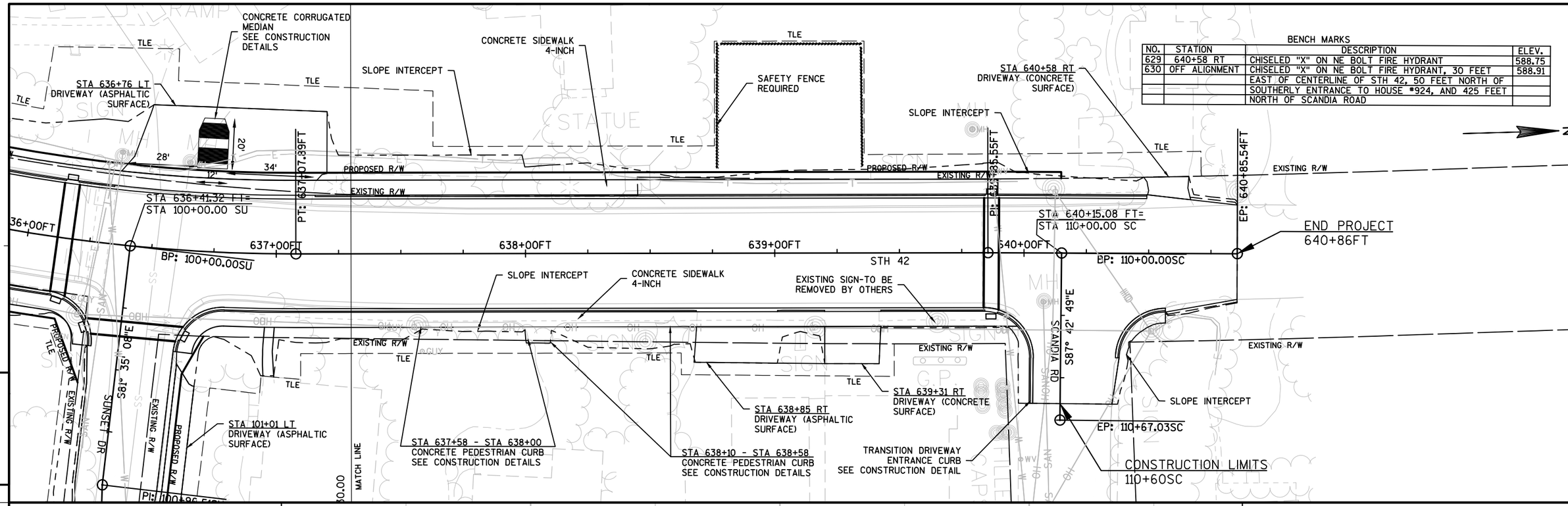
FILE NAME : N:\PDS\C3D\46100600\SHEETSPLAN\1078 PLAN\PLANPROFILE\050101_PP.DWG PLOT DATE : 1/30/2015 8:37 AM PLOT BY : FARRELL, ALAN E PLOT NAME : PLOT SCALE : 1" = 40'_XREF

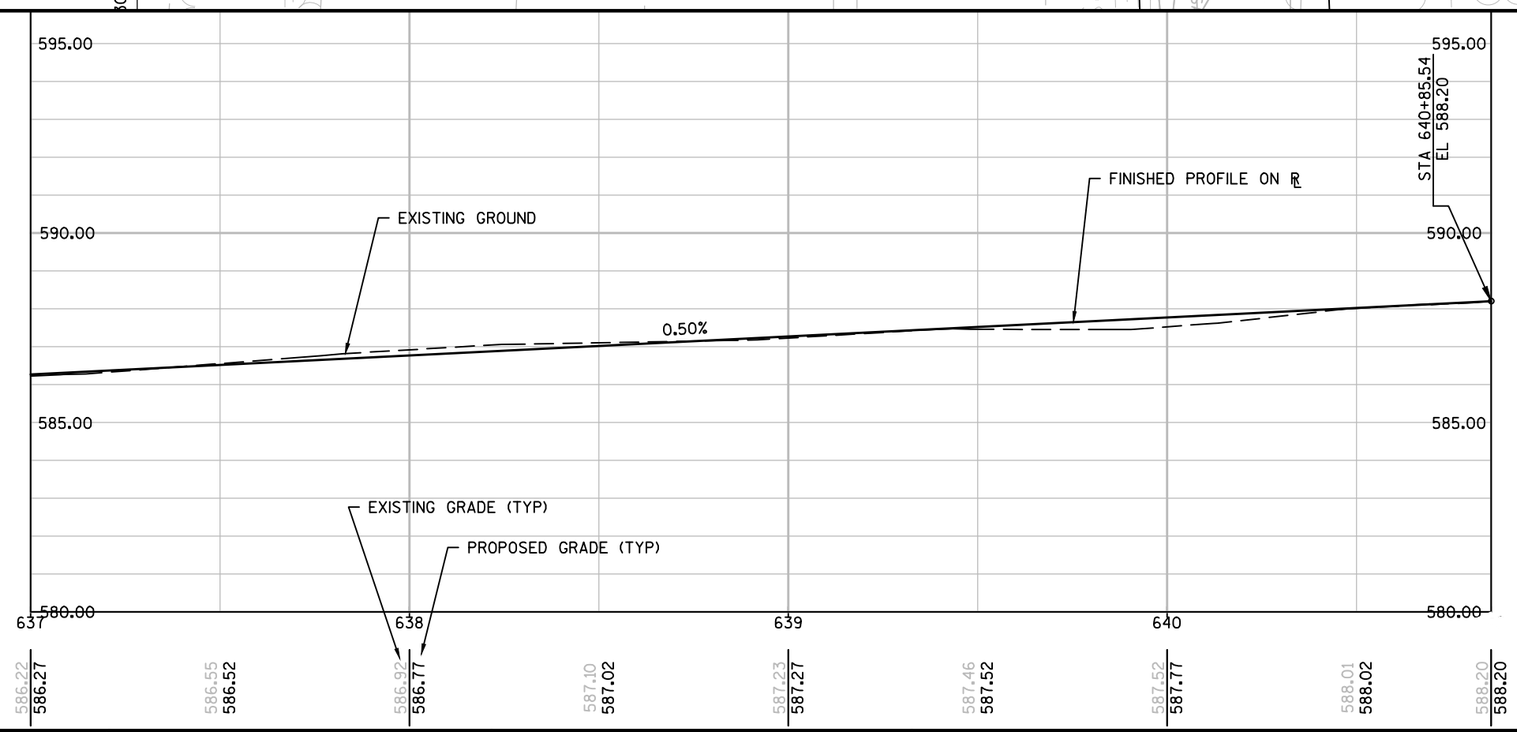


PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: STH 42	SHEET	E

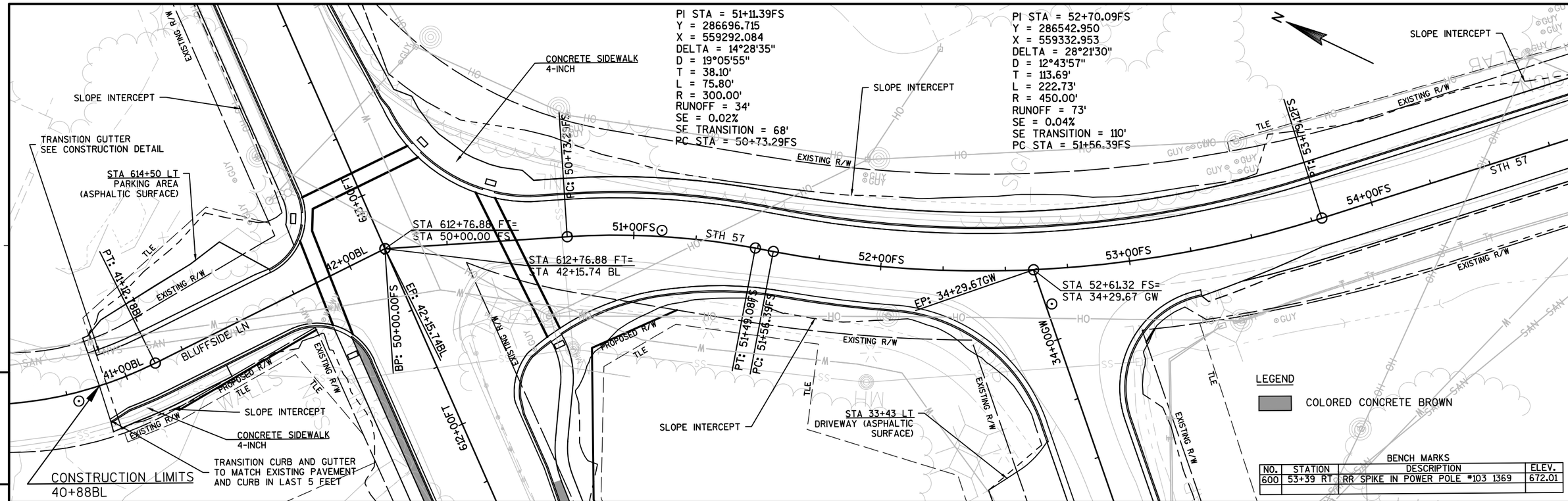
FILE NAME : N:\PDS\C3D\46100600\SHEETSPLAN\1078 PLAN\PLANPROFILE\050101_PP.DWG PLOT DATE : 1/30/2015 8:44 AM PLOT BY : FARRELL, ALAN E PLOT NAME : PLOT SCALE : 1" = 40'_XREF

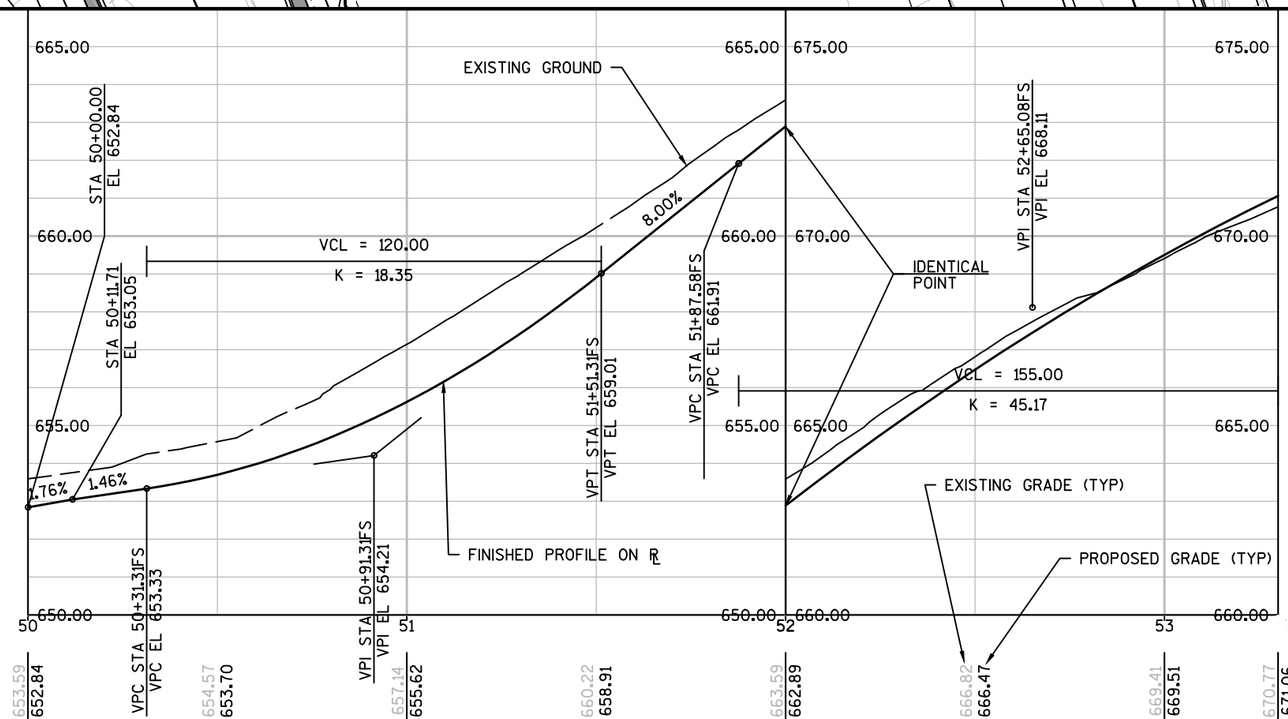
BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
629	640+58 RT	CHISELED "X" ON NE BOLT FIRE HYDRANT	588.75
630	OFF ALIGNMENT	CHISELED "X" ON NE BOLT FIRE HYDRANT, 30 FEET	588.91
		EAST OF CENTERLINE OF STH 42, 50 FEET NORTH OF	
		SOUTHERLY ENTRANCE TO HOUSE #924, AND 425 FEET	
		NORTH OF SCANDIA ROAD	





PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: STH 42	SHEET	E





PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: STH 57	SHEET	E

FILE NAME : N:\PDS\C3D\46100600\SHEETSPLAN\1078 PLAN\PLANPROFILE\050201_PP.DWG PLOT DATE : 1/29/2015 11:30 AM PLOT BY : FARRELL, ALAN E PLOT NAME : PLOT SCALE : 1" = 40'_XREF

PI STA = 52+70.09FS
Y = 286542.950
X = 559332.953
DELTA = 28°21'30"
D = 12°43'57"
T = 113.69'
L = 222.73'
R = 450.00'
RUNOFF = 73'
SE = 0.04%
SE TRANSITION = 110'
PC STA = 51+56.39FS

STA 55+23 LT
DRIVEWAY (ASPHALTIC SURFACE)

CONCRETE SIDEWALK
4-INCH

STA 56+01 LT
DRIVEWAY (ASPHALTIC SURFACE)

TRANSITION CURB AND GUTTER TO MATCH EXISTING PAVEMENT AND SHOULDER

CONSTRUCTION LIMITS
200+46CA

EP: 200+46.87CA

SLOPE INTERCEPT

PT: 53+79.12FS

PC: 55+61.94FS

TLE

EXISTING R/W

CANTERBURY LN

STA 57+31.57 FS=
STA 200+00.00 CA

BP: 200+00.00CA

53+00FS
54+00FS
55+00FS
56+00FS
57+00FS

STH 57

STA 52+61.32 FS=
STA 34+29.67 GW

34+00GW

PI STA = 57+96.49FS
Y = 286156.091
X = 559696.781
DELTA = 43°21'38"
D = 9°42'40"
T = 234.55'
L = 446.50'
R = 590.00'
RUNOFF = 83'
SE = 0.04%
SE TRANSITION = 125'
PC STA = 55+61.94FS

CONSTRUCTION LIMITS
57+31FS

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
601	OFF ALIGNMENT	RR SPIKE IN POWER POLE #3128-8E41, SE QUAD OF	680.75
		STH 57 AND CANTERBURY LANE	
602	OFF ALIGNMENT	CHISELED "X" ON NE BURY BOLT FIRE HYDRANT, NORTH	694.49
		OF CENTERLINE OF COUNTRY WALK DRIVE ON EAST	
		OF STH 57	

VPT STA 53+42.58FS
VPT EL 671.65

4.57%

VPC STA 54+24.44FS
VPC EL 675.39

VPI STA 55+14.44FS
VPI EL 679.50

IDENTICAL POINT

VPT STA 56+04.44FS
VPT EL 679.98

STA 57+31.58
EL 680.66

0.53%

FINISHED PROFILE ON ℄

EXISTING GROUND

EXISTING GRADE (TYP)

PROPOSED GRADE (TYP)

VCL = 180.00
K = 44.58

VCL = 155.00
K = 45.17

680.00
675.00
670.00
665.00
690.00
685.00
680.00
675.00
53
54
55
56
57
58

670.77 671.06
671.62 671.99
673.70 674.28
676.46 676.49
678.76 678.20
680.08 679.36
680.66 679.96
680.55 680.22
680.48 680.49
680.75
680.87

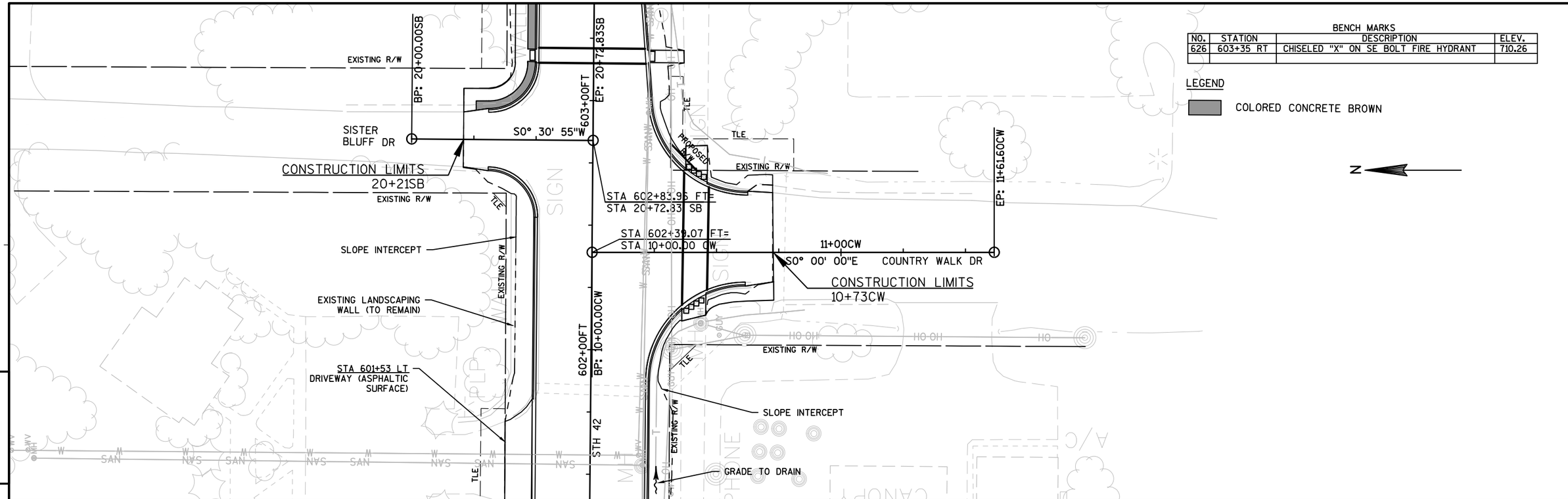
PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: STH 57	SHEET	E

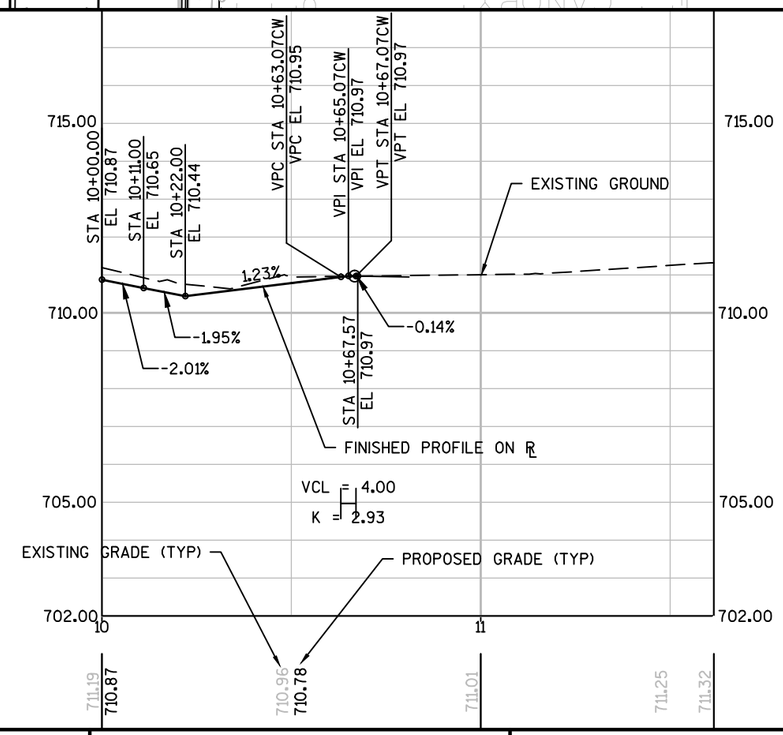
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
626	603+35 RT	CHISELED "X" ON SE BOLT FIRE HYDRANT	710.26

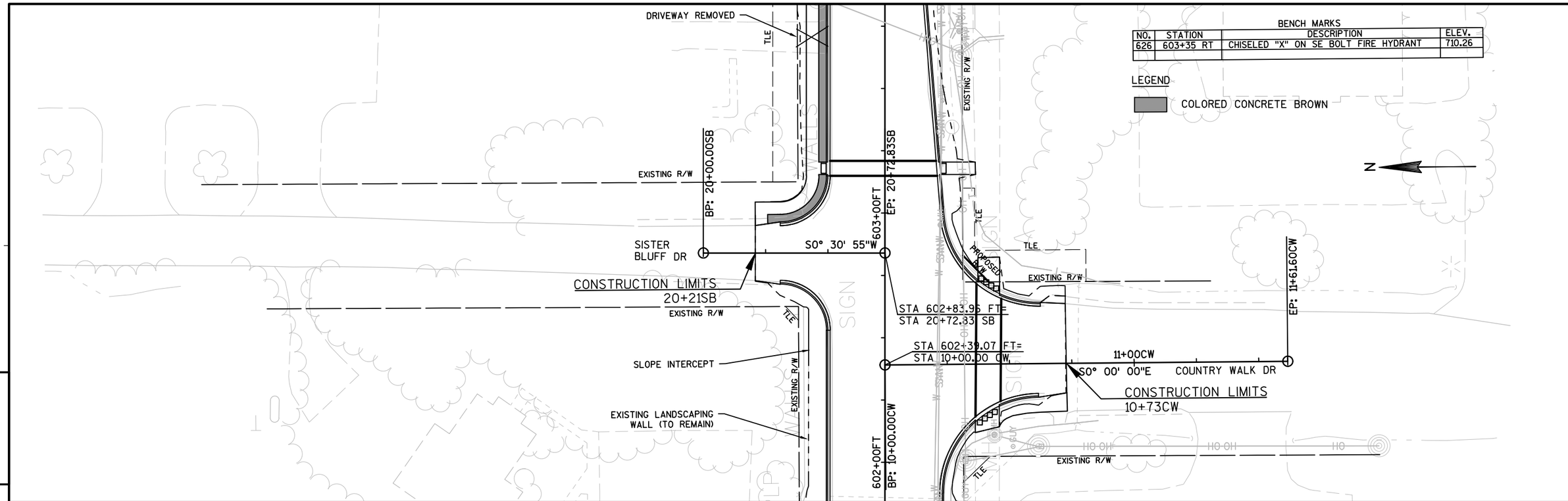
LEGEND

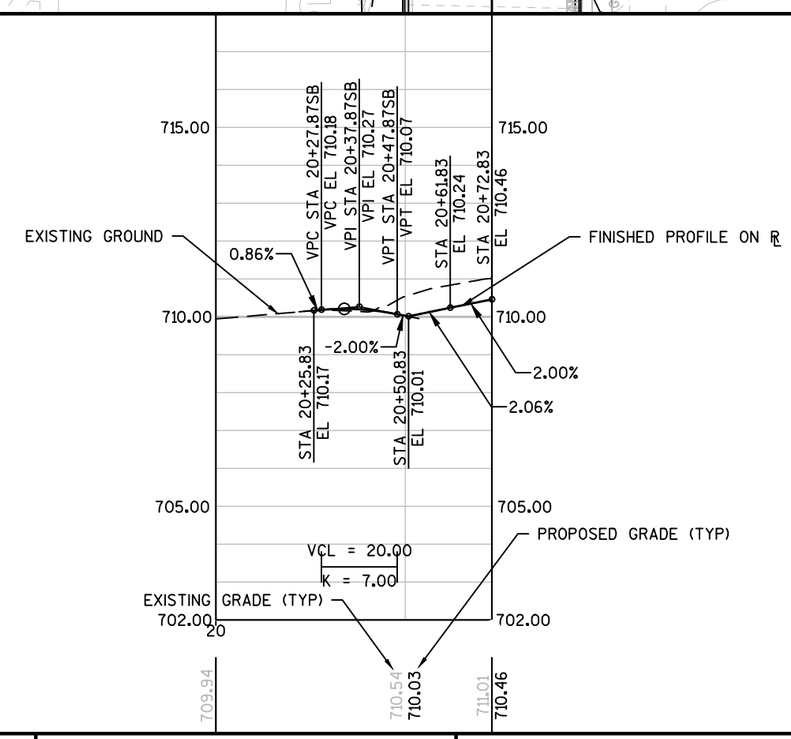
COLORED CONCRETE BROWN





PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: COUNTRY WALK DR	SHEET	E





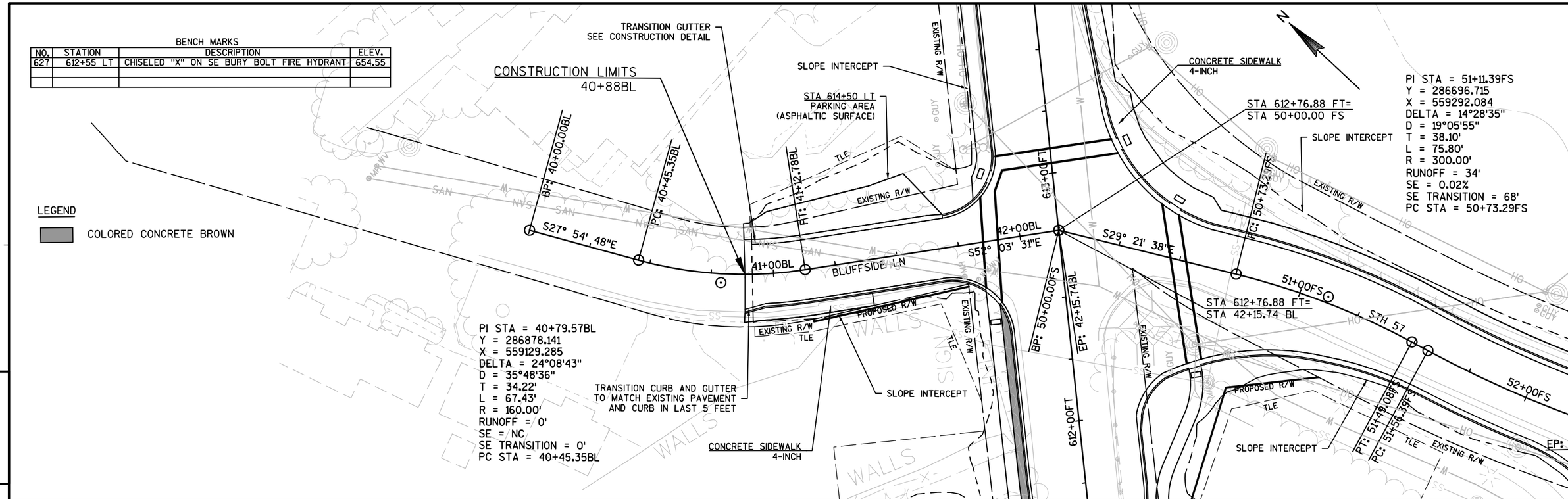
PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: SISTER BLUFF DR	SHEET	E

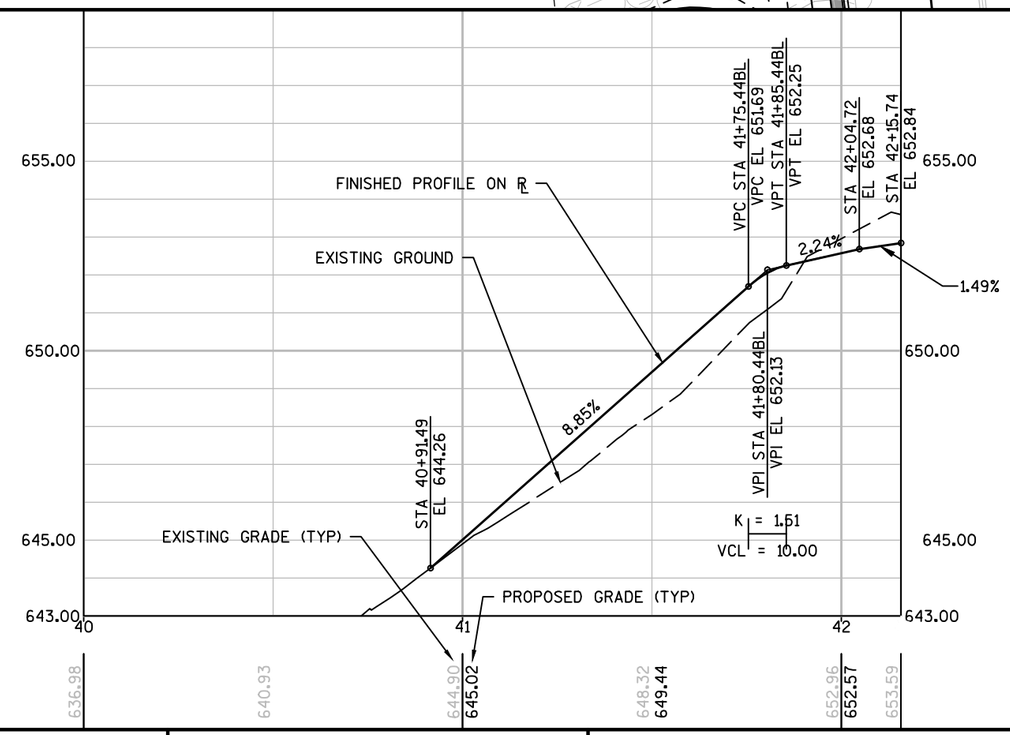
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
627	612+55 LT	CHISELED "X" ON SE BURY BOLT FIRE HYDRANT	654.55

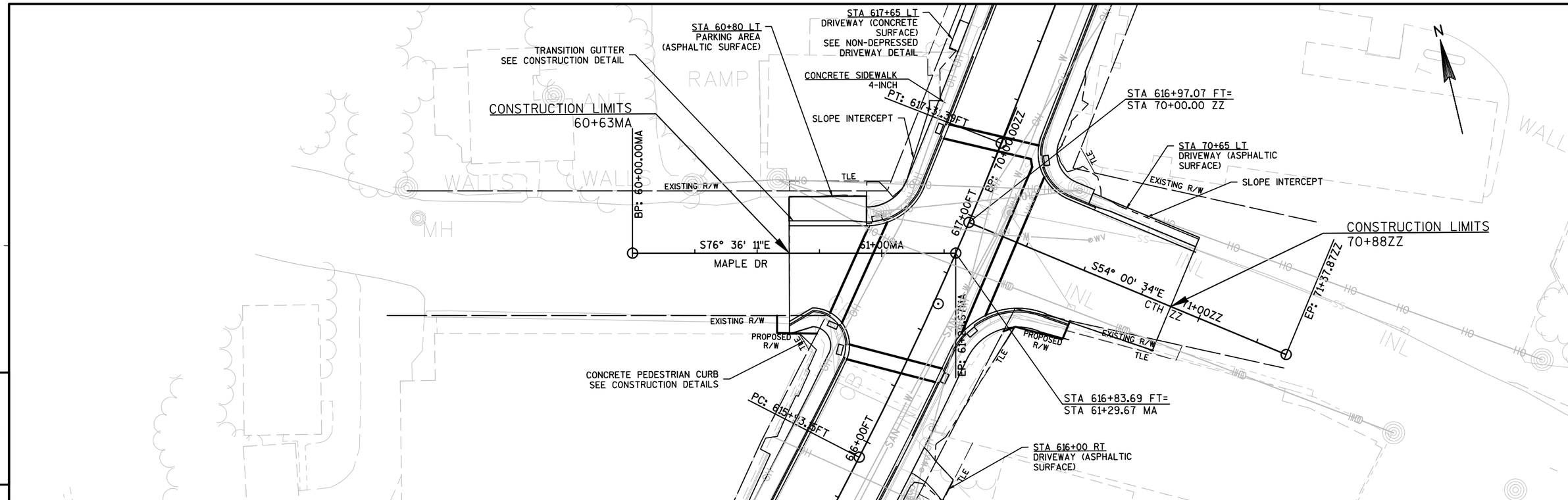
LEGEND

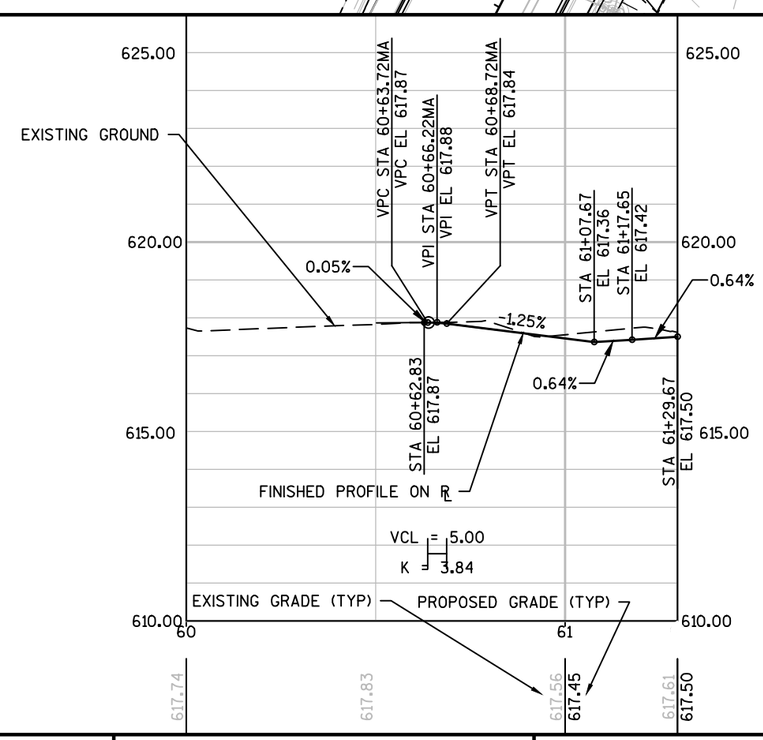
COLORED CONCRETE BROWN



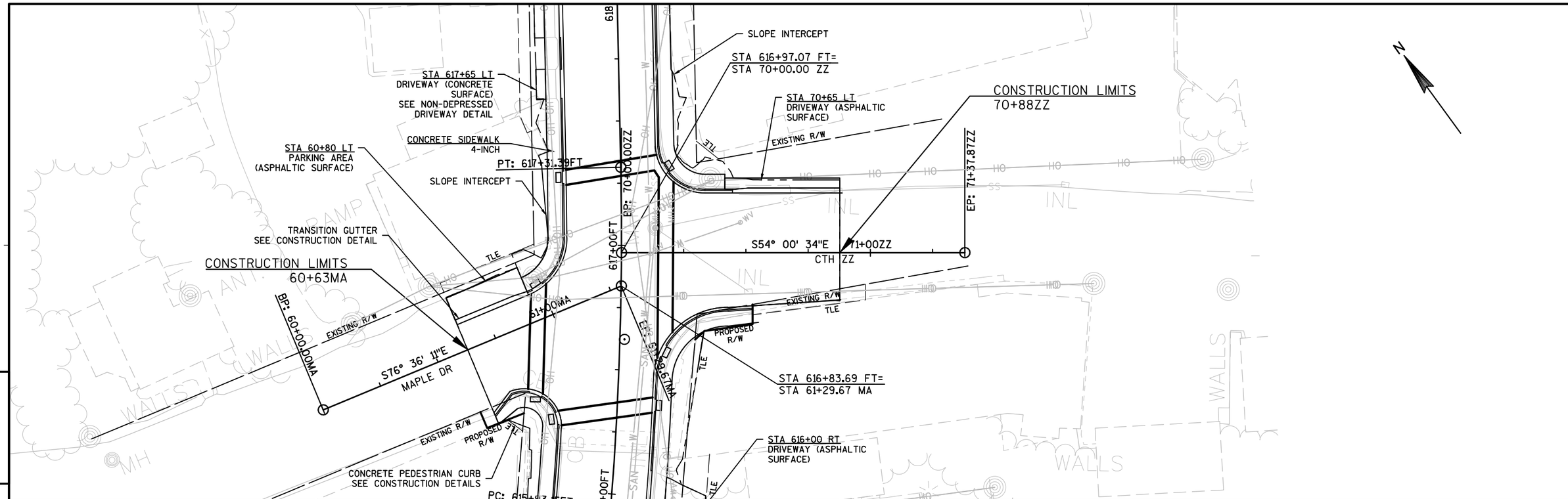


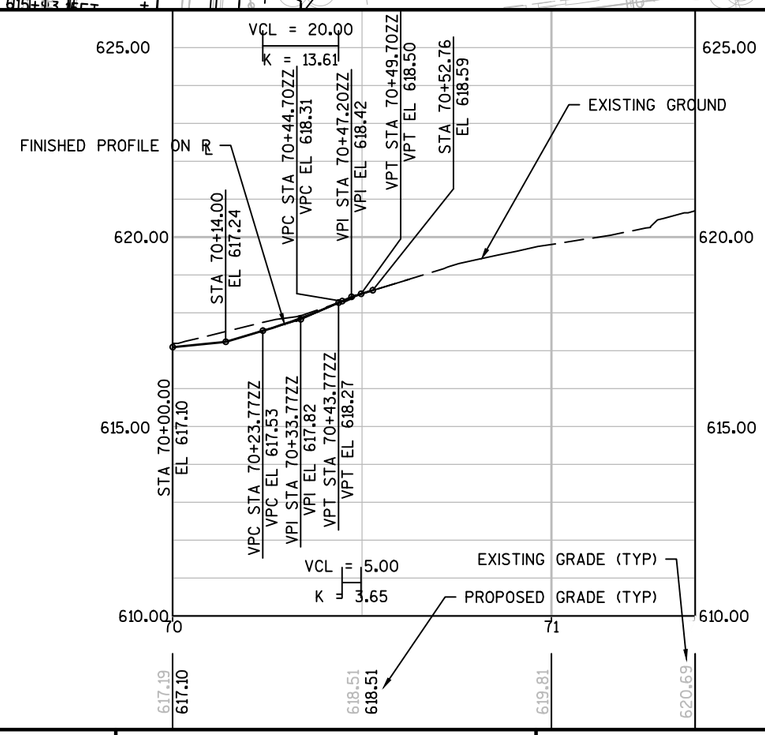
PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: BLUFFSIDE LN	SHEET	E





PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: MAPLE DR	SHEET	E

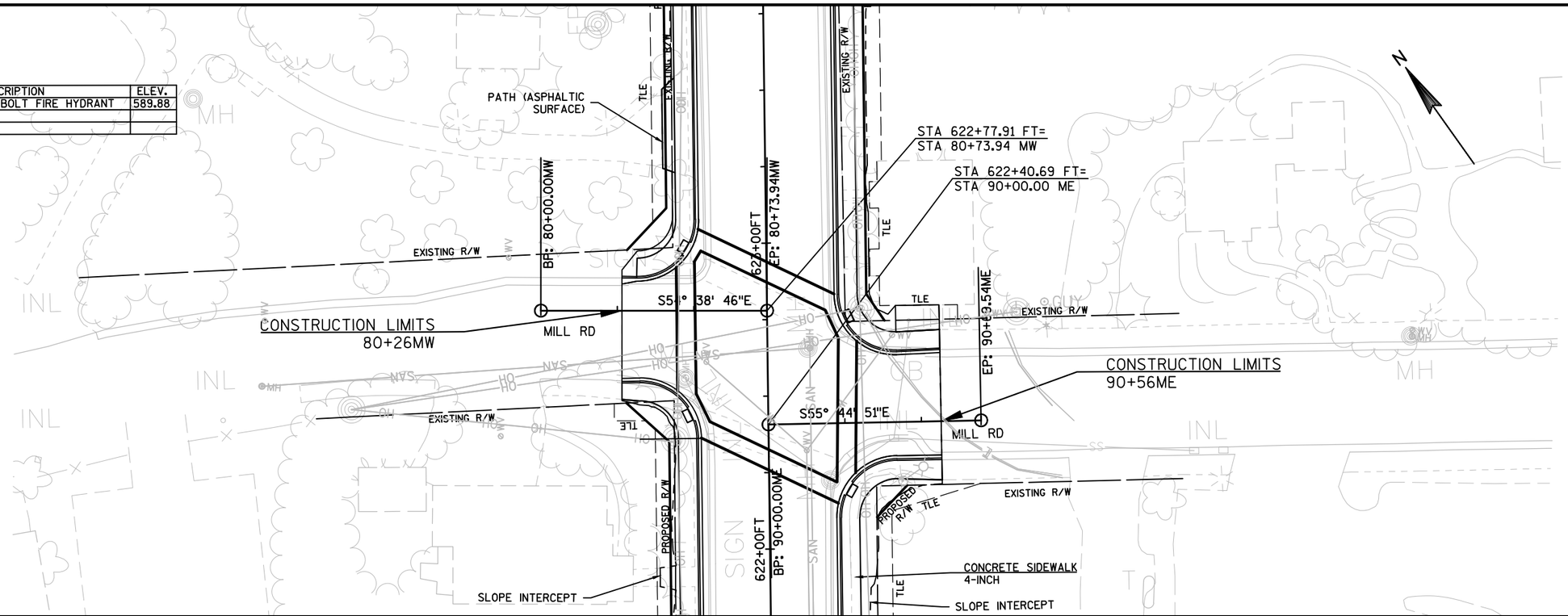


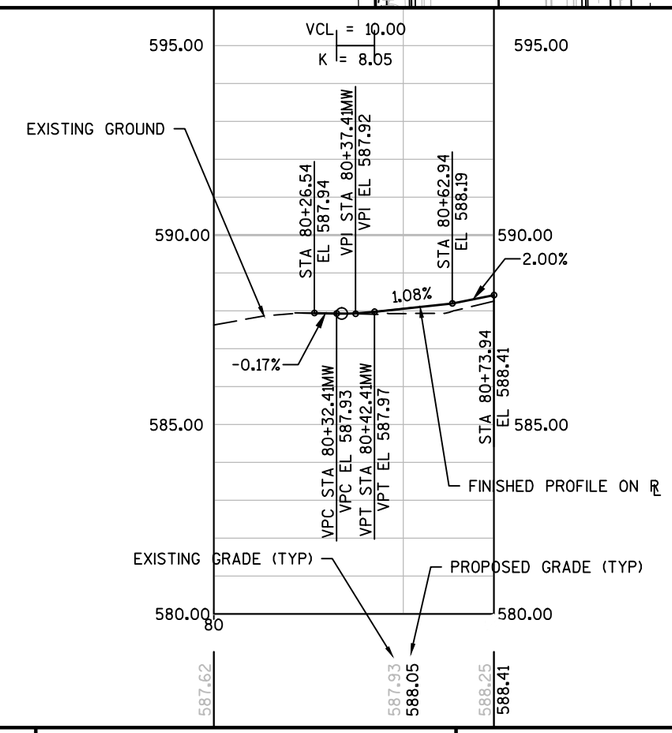


PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: CTH ZZ	SHEET	E

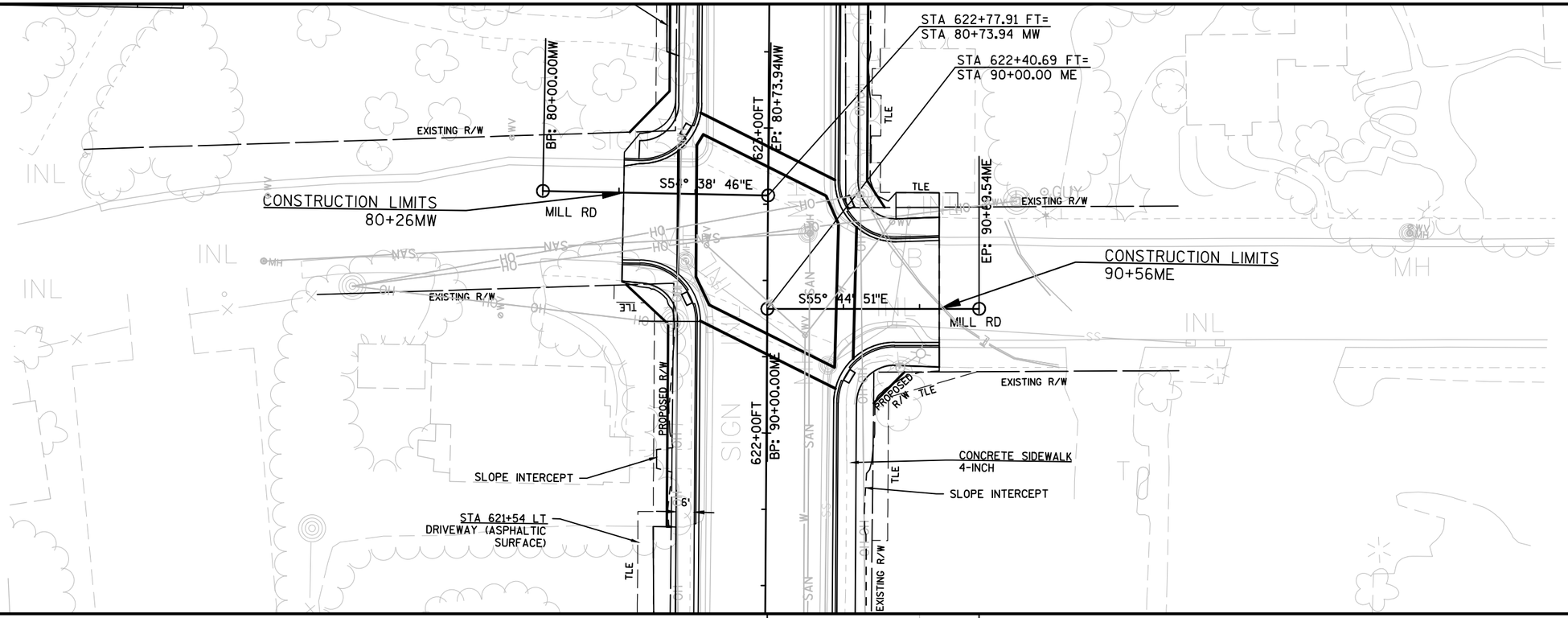
BENCH MARKS

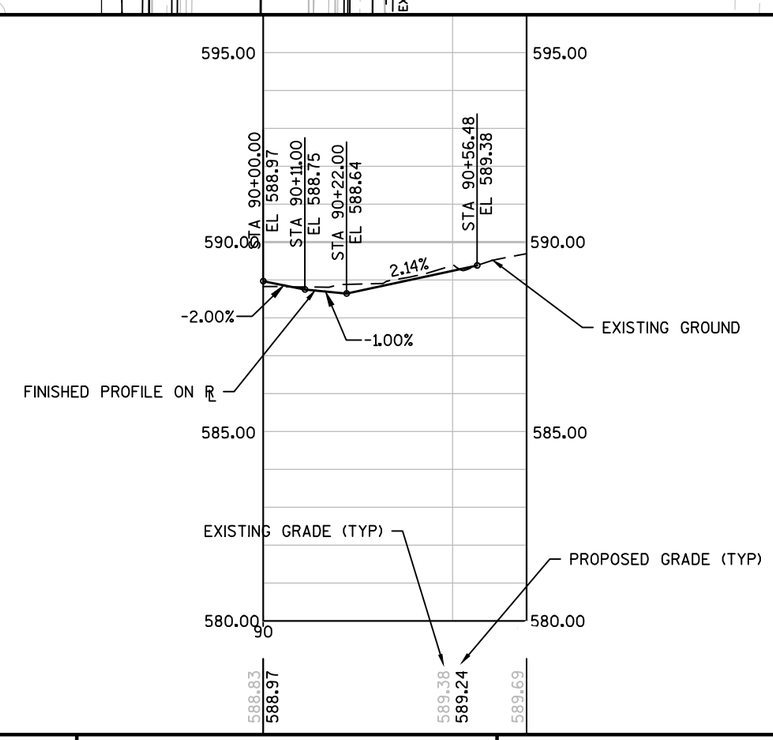
NO.	STATION	DESCRIPTION	ELEV.
628	622+70 RT	CHISELED "X" ON SW BOLT FIRE HYDRANT	589.88



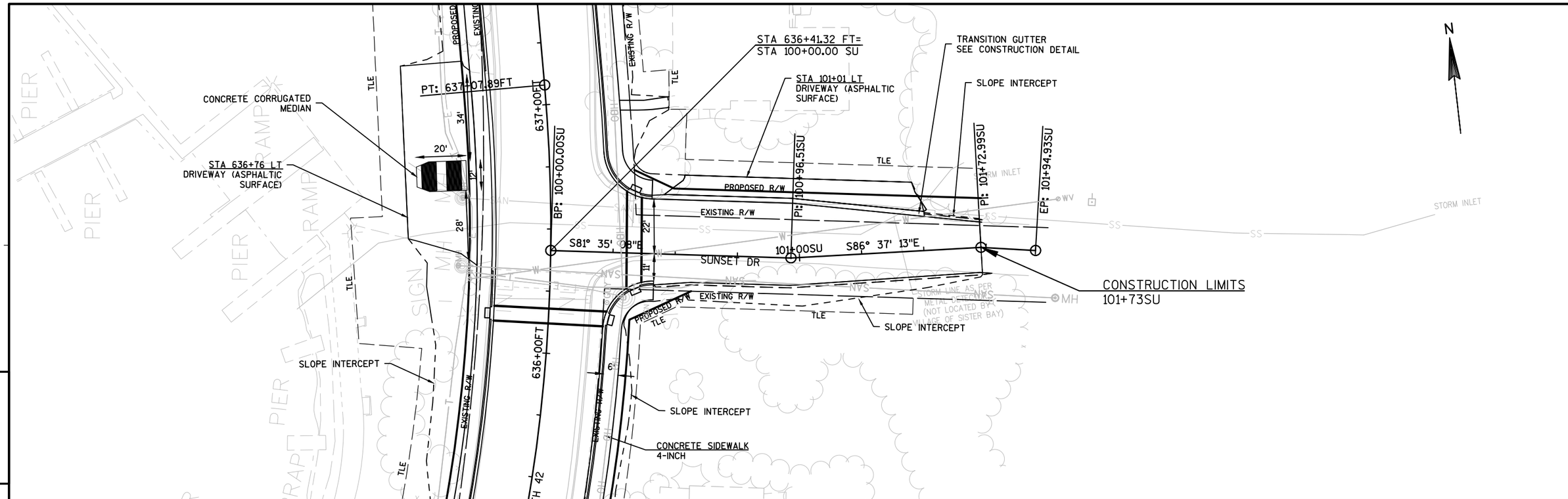


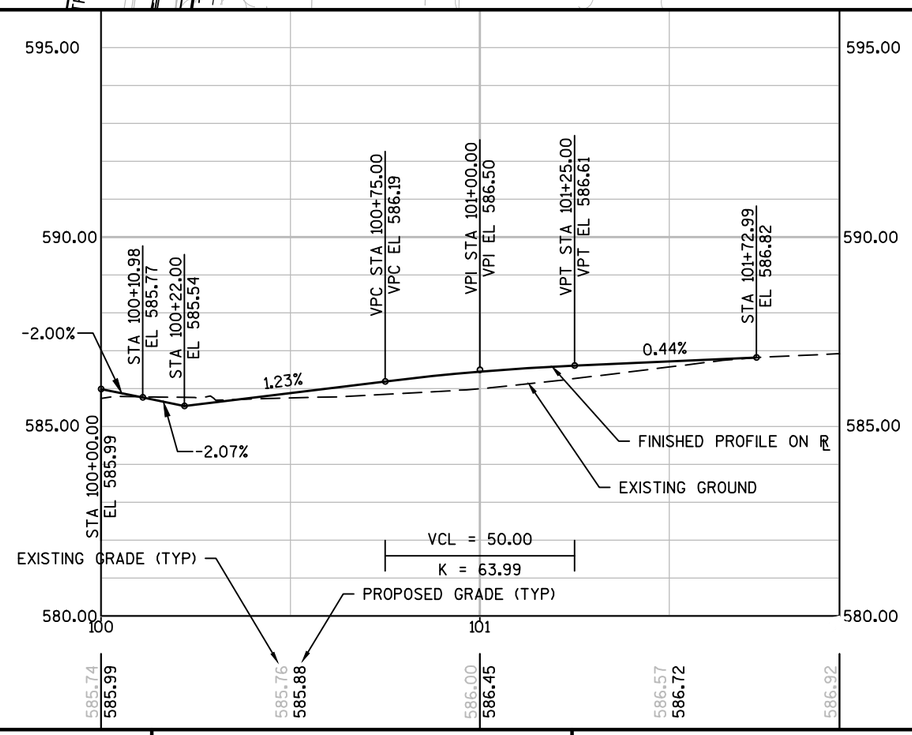
PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: MILL RD - WEST OF STH 42	SHEET	E





PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: MILL RD - EAST OF STH 42	SHEET	E



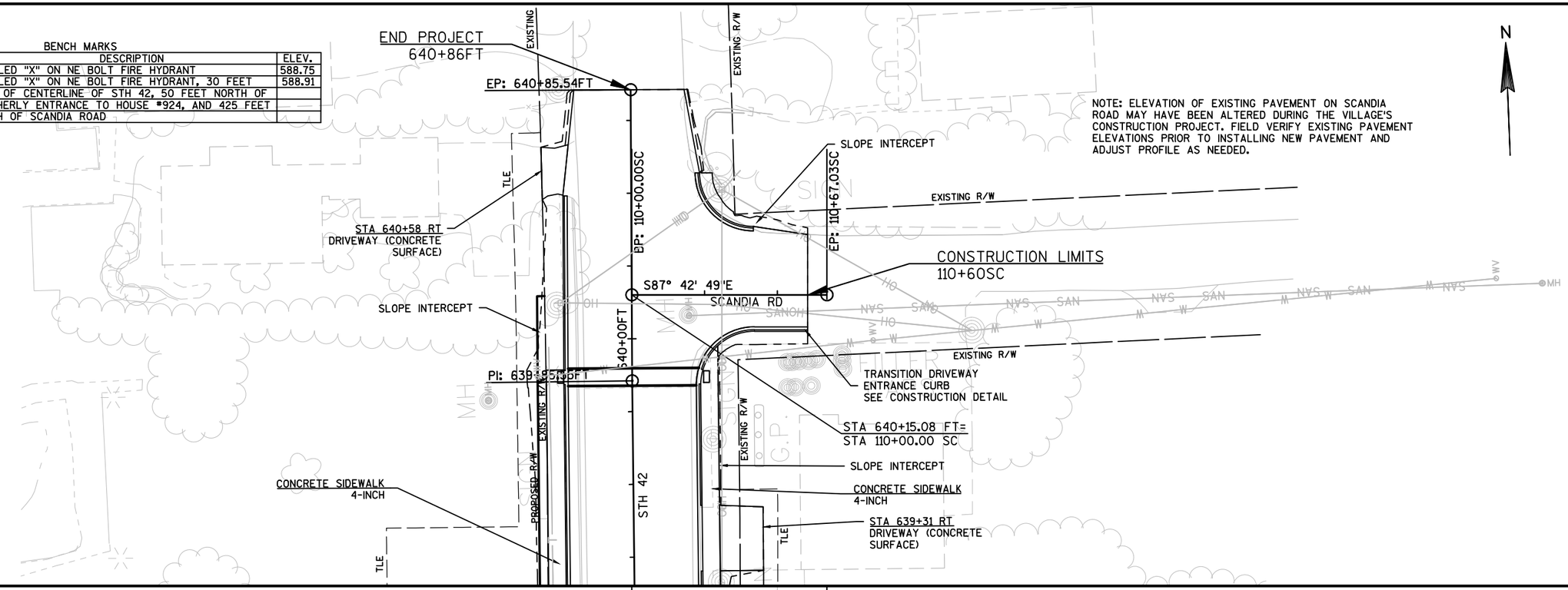


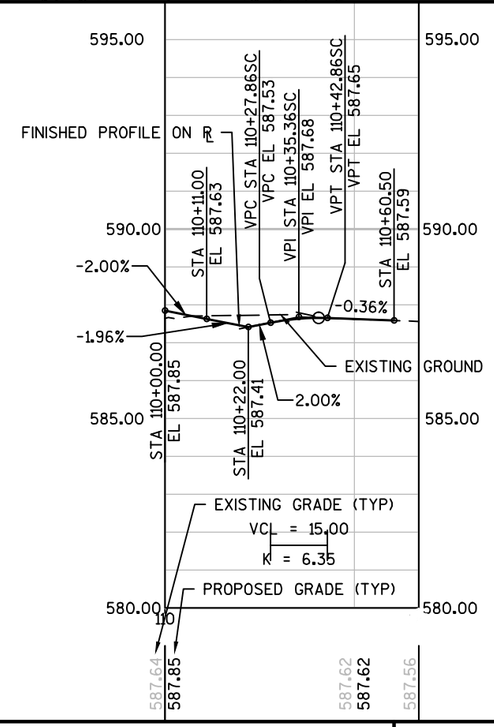
PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: SUNSET DR	SHEET	E

FILE NAME : N:\PDS\C3D\46100600\SHEETSPLAN\1078 PLAN\PLANPROFILE\050301_PP.DWG PLOT DATE : 1/29/2015 12:01 PM PLOT BY : FARRELL, ALAN E PLOT NAME : PLOT SCALE : 1" = 40'_XREF

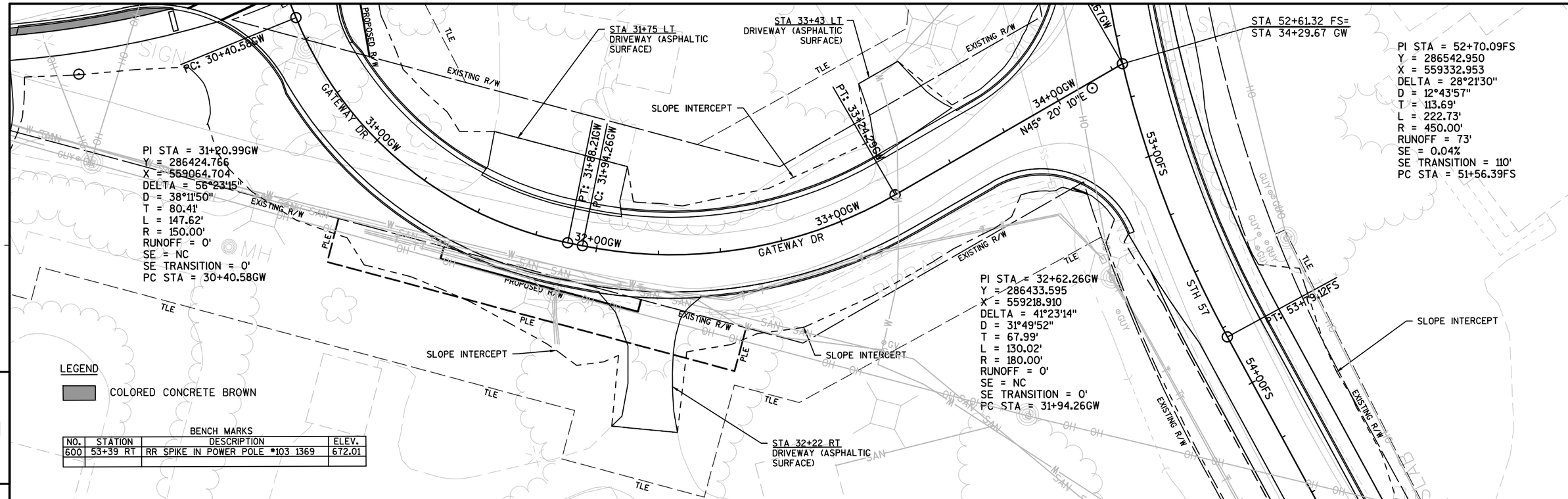
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
629	640+58 RT	CHISELED "X" ON NE BOLT FIRE HYDRANT	588.75
630	OFF ALIGNMENT	CHISELED "X" ON NE BOLT FIRE HYDRANT, 30 FEET	588.91
		EAST OF CENTERLINE OF STH 42, 50 FEET NORTH OF	
		SOUTHERLY ENTRANCE TO HOUSE #924, AND 425 FEET	
		NORTH OF SCANDIA ROAD	



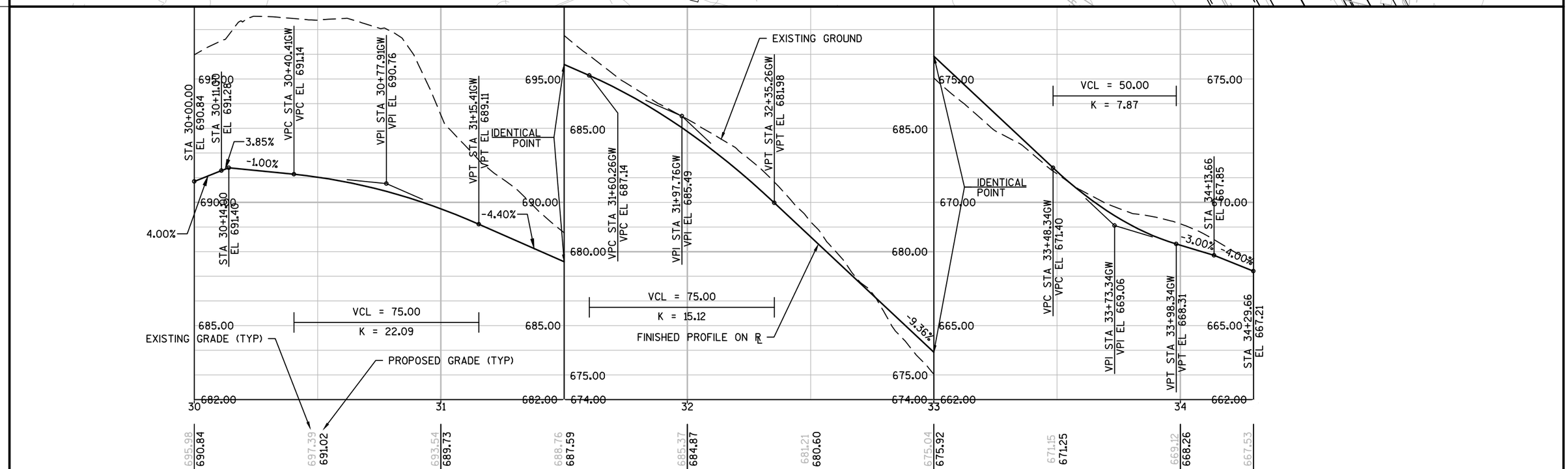


PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: SCANDIA RD	SHEET	E



BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
600	53+39 RT	RR SPIKE IN POWER POLE *103 1369	672.01



PROJECT NO: 4610-06-71	HWY: STH 42	COUNTY: DOOR	PLAN AND PROFILE: GATEWAY DRIVE	SHEET	E

FILE NAME : N:\PDS\C3D\46100600\SHEETSPLAN\1078 PLAN\PLANPROFILE\050301_PP.DWG
LAYOUT NAME - 051201
PLOT DATE : 1/29/2015 12:44 PM PLOT BY : FARRELL, ALAN E PLOT NAME : PLOT SCALE : 1 IN:40 FT