

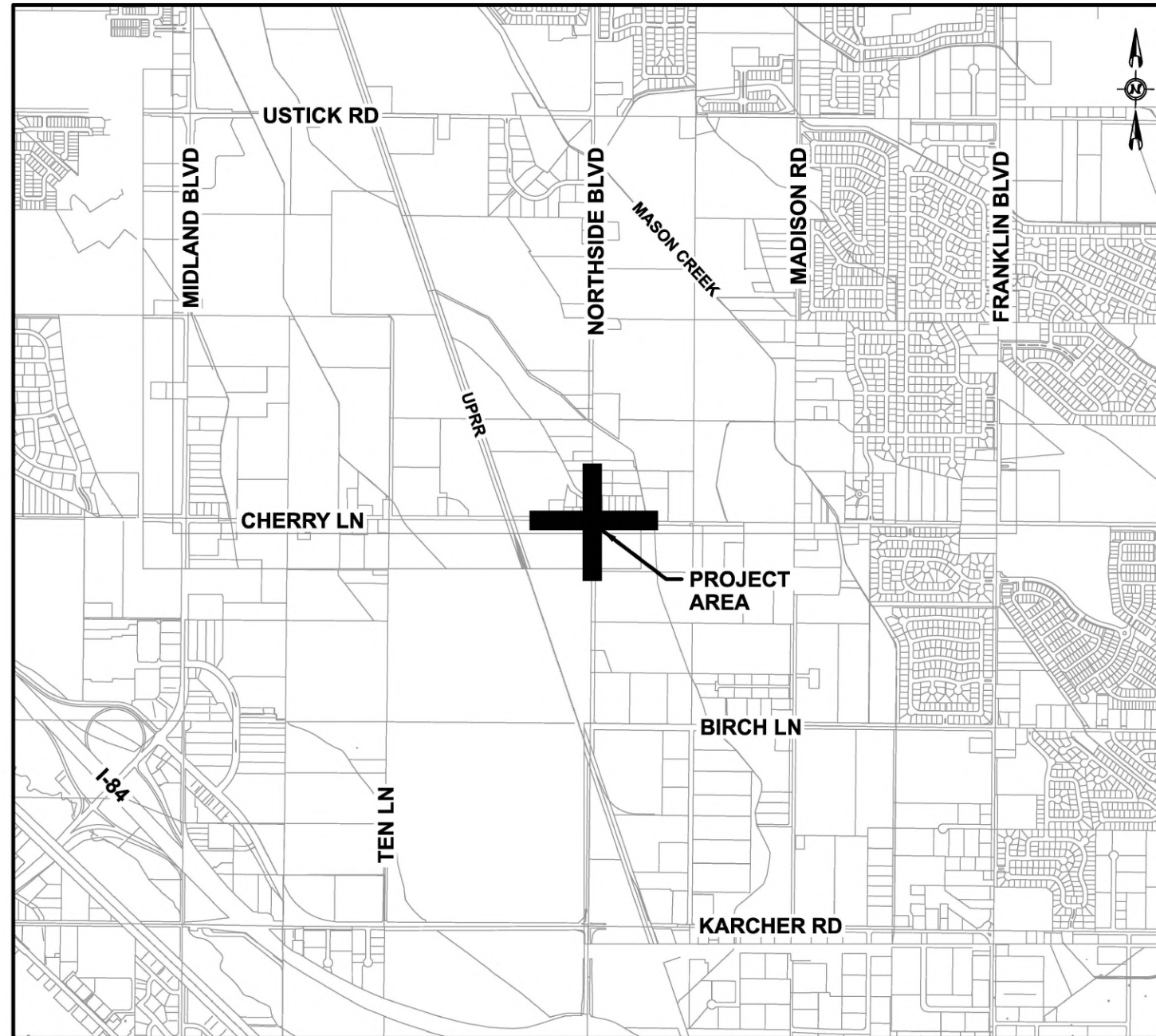
LEGEND

| | |
|--|--|
| | C.L. OF CONSTRUCTION OR SURVEY |
| | EXISTING PROFILE OR X-SECTION LINE |
| | EXISTING EDGE OF PAVEMENT OR GRAVEL |
| | EXISTING DRAIN OR IRRIGATION PIPE |
| | EXISTING DITCH OR FLOW LINE |
| | EXISTING PROPERTY OR RIGHT OF WAY LINE |
| | EXISTING FENCE AND GATE |
| | EXISTING SLOPE |
| | EXISTING CURB & GUTTER |
| | EXISTING CURB (NO GUTTER) |
| | EXISTING CONCRETE SIDEWALK |
| | EXISTING CURB, GUTTER, SIDEWALK AND APPROACH |
| | EXISTING UTILITY LINE WITH INITIAL |
| | WATER VALVE OR METER |
| | GAS VALVE OR METER |
| | FIRE HYDRANT |
| | SIGNAL POLE |
| | LIGHT POLE |
| | UTILITY POLE WITH ANCHOR |
| | SIGN, STOP/STREET SIGN AND MAILBOX |
| | EXISTING AND NEW MANHOLES |
| | EXISTING AND NEW CATCH BASIN |
| | NEW SEDIMENT BOX |
| | EXISTING AND NEW IRRIGATION BOX |
| | DECIDUOUS AND EVERGREEN TREE |
| | DECIDUOUS AND EVERGREEN BUSHES |
| | EXISTING BUILDING |
| | REVISION NOTE |
| | CONSTRUCTION NOTE |
| | PROPERTY NUMBER |
| | CURVE NUMBER |
| | BENCH MARK AND MONUMENT |
| | DESIGN PLAN EDGE OF PAVEMENT OR GRAVEL |
| | DESIGN PROFILE FOR TC OR PIPES |
| | DESIGN PROFILE GRADE BREAK |
| | DESIGN PROFILE PC OR PT |
| | DESIGN DITCH OR FLOW LINE |
| | DESIGN SD OR IRRG. PIPE ON PLAN VIEW |
| | NEW PROPERTY OR RIGHT OF WAY LINE |
| | NEW EASEMENT LINE |
| | NEW RETAINING WALL |
| | LIMITS OF CUT SLOPE |
| | LIMITS OF FILL SLOPE |
| | SECTION LINE |
| | NEW CURB AND GUTTER |
| | NEW CURB, GUTTER, SIDEWALK, AND APPROACH |
| | NEW PED RAMP |
| | NEW VALLEY GUTTER |
| | SOD REPAIR |
| | ASPHALT REPAIR |
| | GRAVEL REPAIR |
| | LANDSCAPE ROCK |
| | HYDROSEED |
| | GRAVEL |

• NAMPA HIGHWAY DISTRICT NO. 1 •

NORTHSIDE BOULEVARD AND CHERRY LANE INTERSECTION

SECTIONS 3, 4, 9 AND 10, TOWNSHIP 3N, RANGE 2W



VICINITY MAP
NOT TO SCALE

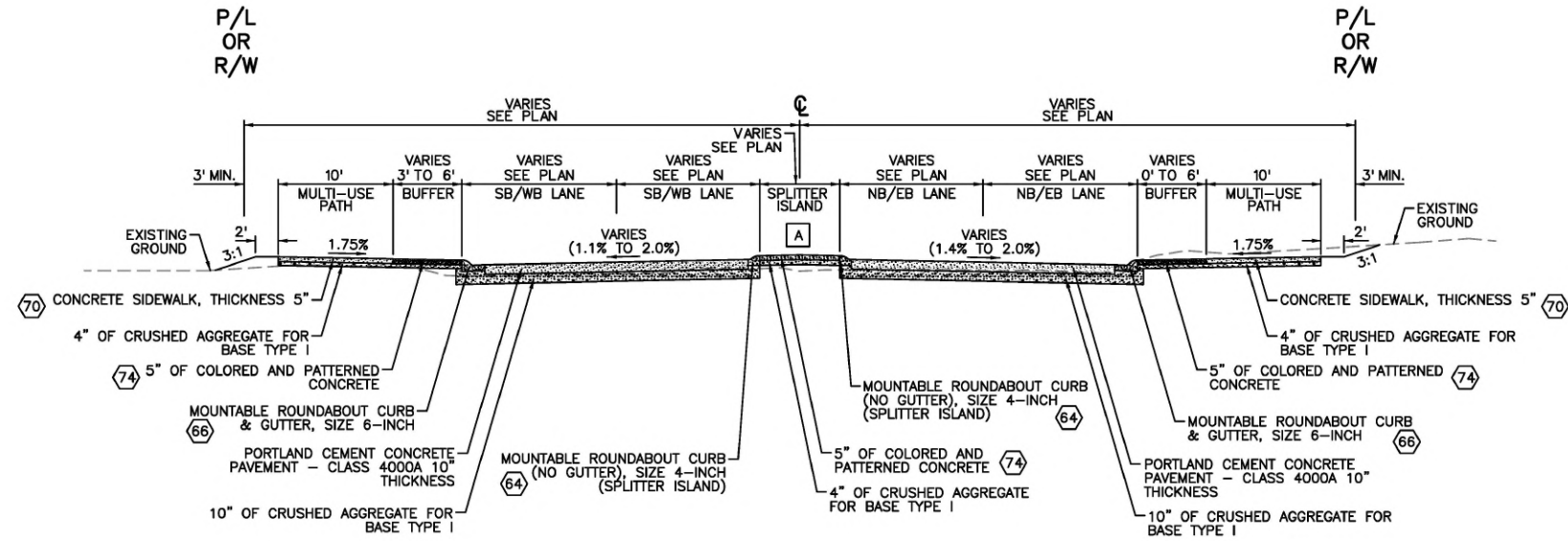
| INDEX OF SHEETS | |
|-----------------|------------------------------------|
| SHEET NO. | DESCRIPTION |
| 1 | TITLE |
| 2-3 | TYPICAL SECTIONS |
| 4 | SURVEY CONTROL PLAN |
| 5-13 | REMOVAL AND UTILITY PLANS |
| 14-22 | PLANS |
| 23-37 | ALIGNMENT PLANS AND PROFILES |
| 38-42 | APPROACH PROFILES |
| 43-46 | ROADWAY DETAILS |
| 47-56 | DRAINAGE AND WATER PLANS |
| 57-58 | DRAINAGE AND WATER DETAILS |
| 59-67 | SURFACE REPAIR PLANS |
| 68 | RRFB MATERIALS LIST |
| 69 | RRFB PLAN |
| 70 | RRFB DETAILS |
| 71 | LIGHTING MATERIALS LIST |
| 72-76 | LIGHTING PLANS |
| 77-87 | SIGNING AND PAVEMENT MARKING PLANS |
| 88 | TEMPORARY TRAFFIC CONTROL PLAN |

DESIGN BY: SIX MILE ENGINEERING, PA DATE: 06/24 DRAWN BY: SIX MILE ENGINEERING, PA DATE: 06/24 SURVEYED BY: LAND SOLUTIONS DATE: 05/22
NORTHSIDE BOULEVARD AND CHERRY LANE INTERSECTION



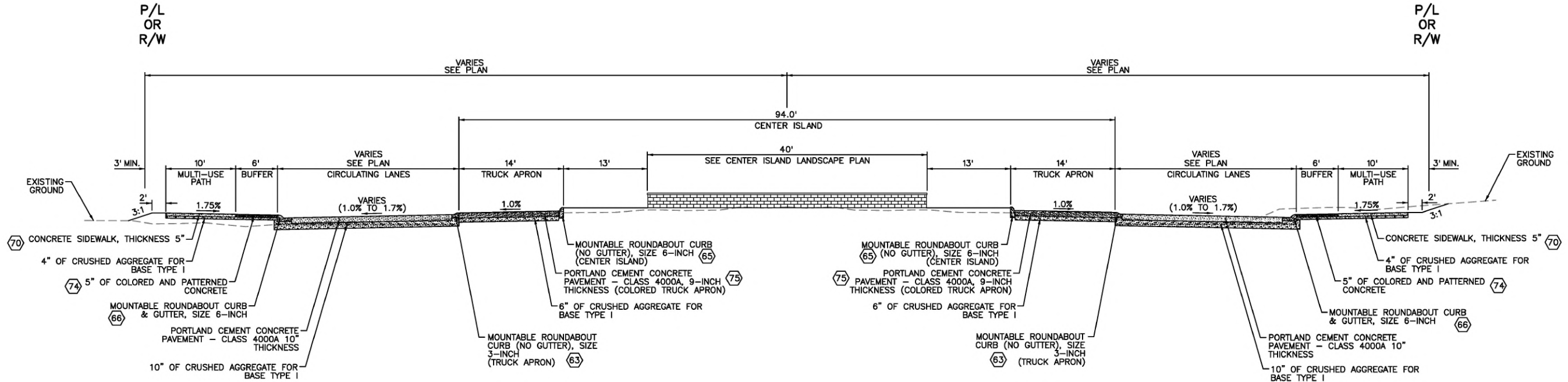
NOTES

- 63 MOUNTABLE ROUNDABOUT CURB (NO GUTTER), SIZE 3-INCH (TRUCK APRON), ITEM 706.4.1.A.9.A
 - 64 MOUNTABLE ROUNDABOUT CURB (NO GUTTER), SIZE 4-INCH (SPLITTER ISLAND), ITEM 706.4.1.A.9.B
 - 65 MOUNTABLE ROUNDABOUT CURB (NO GUTTER), SIZE 6-INCH (CENTER ISLAND), ITEM 706.4.1.A.9.C
 - 66 MOUNTABLE ROUNDABOUT CURB & GUTTER, SIZE 6-INCH, ITEM 706.4.1.A.11
 - 70 CONCRETE SIDEWALK, THICKNESS 5-INCH, ITEM 706.4.1.E.1
 - 74 COLORED AND PATTERNED CONCRETE, ITEM SP 07013
 - 75 PORTLAND CEMENT CONCRETE PAVEMENT - CLASS 4000A, 9-INCH THICKNESS (COLORED TRUCK APRON), ITEM 705.4.1.A.1.A
 - A CONSTRUCT CROWN SECTION ON SPLITTER ISLANDS WITH MINIMUM 2% CROSS SLOPE.
1. THE TYPICAL SECTIONS PROVIDE THE PAVEMENT SECTION DEPTHS AND CURB TYPES, THE ROADWAY, ISLAND, BUFFER AND SIDEWALK WIDTHS VARY THROUGH THE ROUNDABOUT - SEE ROUNDABOUT PLANS.



CHERRY LN AND NORTHSIDE BLVD TYPICAL SECTION

NOT TO SCALE
 STA 28+21.11 TO STA 31+74.48 (EXCLUDING CENTER ISLAND)
 STA 87+34.65 TO STA 91+82.52 (EXCLUDING CENTER ISLAND)



CENTER ISLAND TYPICAL SECTION

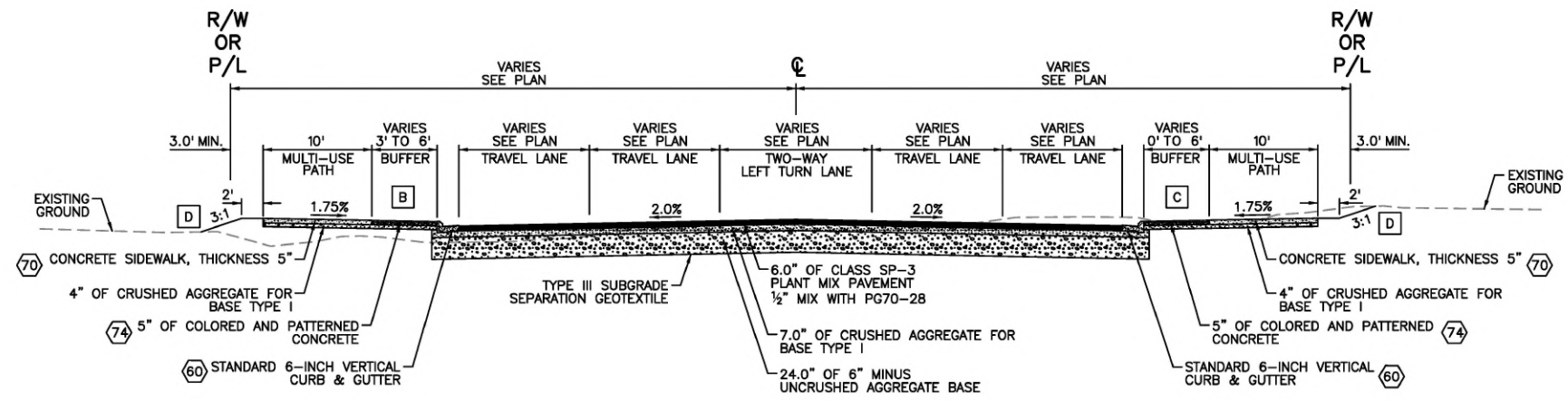
NOT TO SCALE



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| Revisions: | * SIGNATURES * | SHEET TITLE |
| Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24 | TYPICAL SECTIONS | |

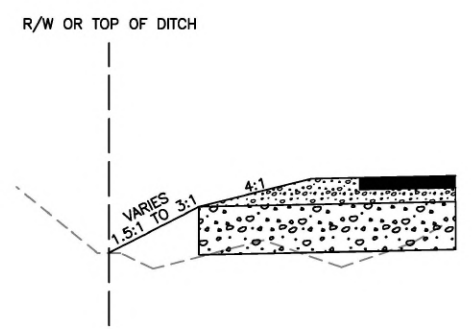
NOTES

- (60) STANDARD 6-INCH VERTICAL CURB & GUTTER, ITEM 706.4.1.A.5
 - (70) CONCRETE SIDEWALK, THICKNESS 5-INCH, ITEM 706.4.1.E.1
 - (74) COLORED AND PATTERNED CONCRETE, ITEM SP 07013
 - B REDUCE BUFFER TO 3.0': STA 27+47.54 TO STA 28+60.31 LT AND STA 84+75.31 TO STA 87+07.98 LT
 - C ELIMINATE BUFFER EXCEPT AT PEDESTRIAN RAMPS STA 24+45.35 TO STA 28+18.12 RT
 - D REDUCE CATCH SLOPE TO 2:1: STA 24+40.00 TO STA 28+50.00 RT AND STA 84+70.31 TO STA 86+70.00 LT
 - E REDUCE SHOULDER WIDTH TO 2.0' STA 34+91.69 TO STA 39+00.00 LT
1. THE TYPICAL SECTIONS PROVIDE THE PAVEMENT SECTION DEPTHS AND CURB TYPES. THE ROADWAY, ISLAND, BUFFER AND SIDEWALK WIDTHS VARY THROUGH THE ROUNDABOUT - SEE ROUNDABOUT PLANS.



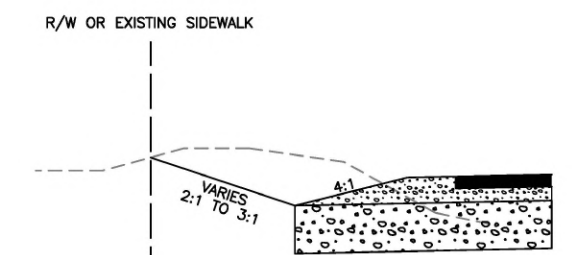
CHERRY LN AND NORTHSIDE BLVD TYPICAL SECTION

NOT TO SCALE
 STA 24+44.64 LT (24+45.35 RT) TO STA 28+21.11
 STA 31+74.48 TO STA 34+86.67
 STA 84+75.31 TO STA 87+34.65
 STA 91+82.52 TO STA 94+95.00 LT (STA 95+20.00 RT)



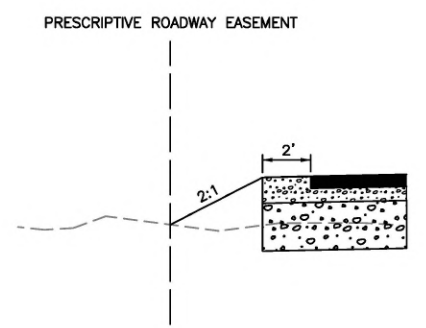
PIN SLOPE DETAIL A (FILL)

NOT TO SCALE
 STA 20+55 LT TO STA 21+50 LT



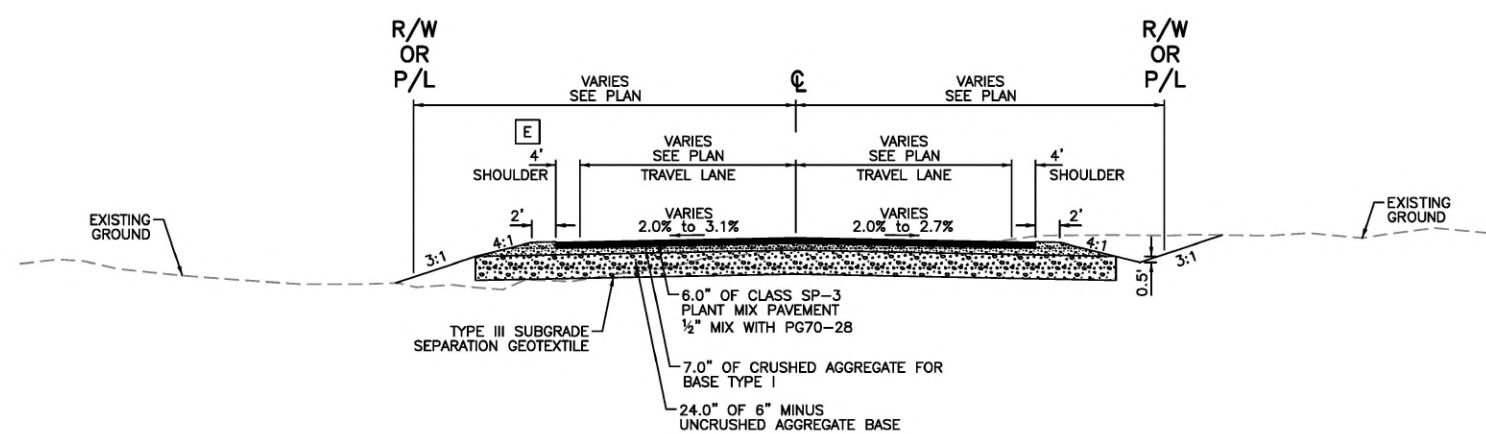
PIN SLOPE DETAIL C (CUT)

NOT TO SCALE
 STA 83+35 LT TO STA 84+59 LT



PIN SLOPE DETAIL B (FILL)

NOT TO SCALE
 STA 37+20 LT TO STA 39+00 LT



CHERRY LN AND NORTHSIDE BLVD TYPICAL SECTION

NOT TO SCALE
 STA 20+55.02 TO STA 24+44.64 LT (24+45.35 RT)
 STA 34+86.67 TO STA 39+00.00
 STA 80+20.00 TO STA 84+75.31
 STA 94+95.00 LT (STA 95+20.00 RT) TO STA 97+50.00

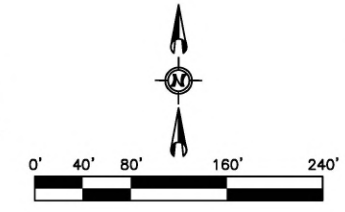
Revisions:

| SIGNATURES | | | |
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| Design By: SIX MILE ENGINEERING, PA | Date: 08/24 | Drawn By: SIX MILE ENGINEERING, PA | Date: 08/24 |

SHEET TITLE
TYPICAL SECTIONS

PROFESSIONAL ENGINEER
 REGISTERED
ORIGINAL ON FILE AT SIX MILE ENGINEERING
6797
ORIGINAL SIGNED
AUGUST 22, 2024
 LARRY J. WHITE

SURVEY CONTROL



CONTROL POINTS:

- CP-1 - 5/8" IRON PIN
STA 3+46.79, 0.00' RT
N 712,895.83
E 2,404,345.95
ELEV 2460.27
- CP-2 - ALUMINUM CAP
SECTION CORNER, SECTIONS 3, 4, 9 & 10
CHERRY LN STA 30+00.00, 0.00' RT =
NORTHSIDE BLVD STA 90+00.00, 0.00' RT
N 712,879.35
E 2,407,000.12
ELEV 2469.81
- CP-3 - ALUMINUM CAP
STA 56+45.06, 0.00' RT
N 712,850.78
E 2,409,645.02
ELEV 2459.30
- CP-4 - ALUMINUM CAP
STA 63+49.87, 0.00' RT
N 710,229.32
E 2,406,977.21
ELEV 2467.70
- CP-5 - ALUMINUM CAP
STA 103+19.81, 0.00' RT
N 714,198.94
E 2,407,008.26
ELEV 2471.06

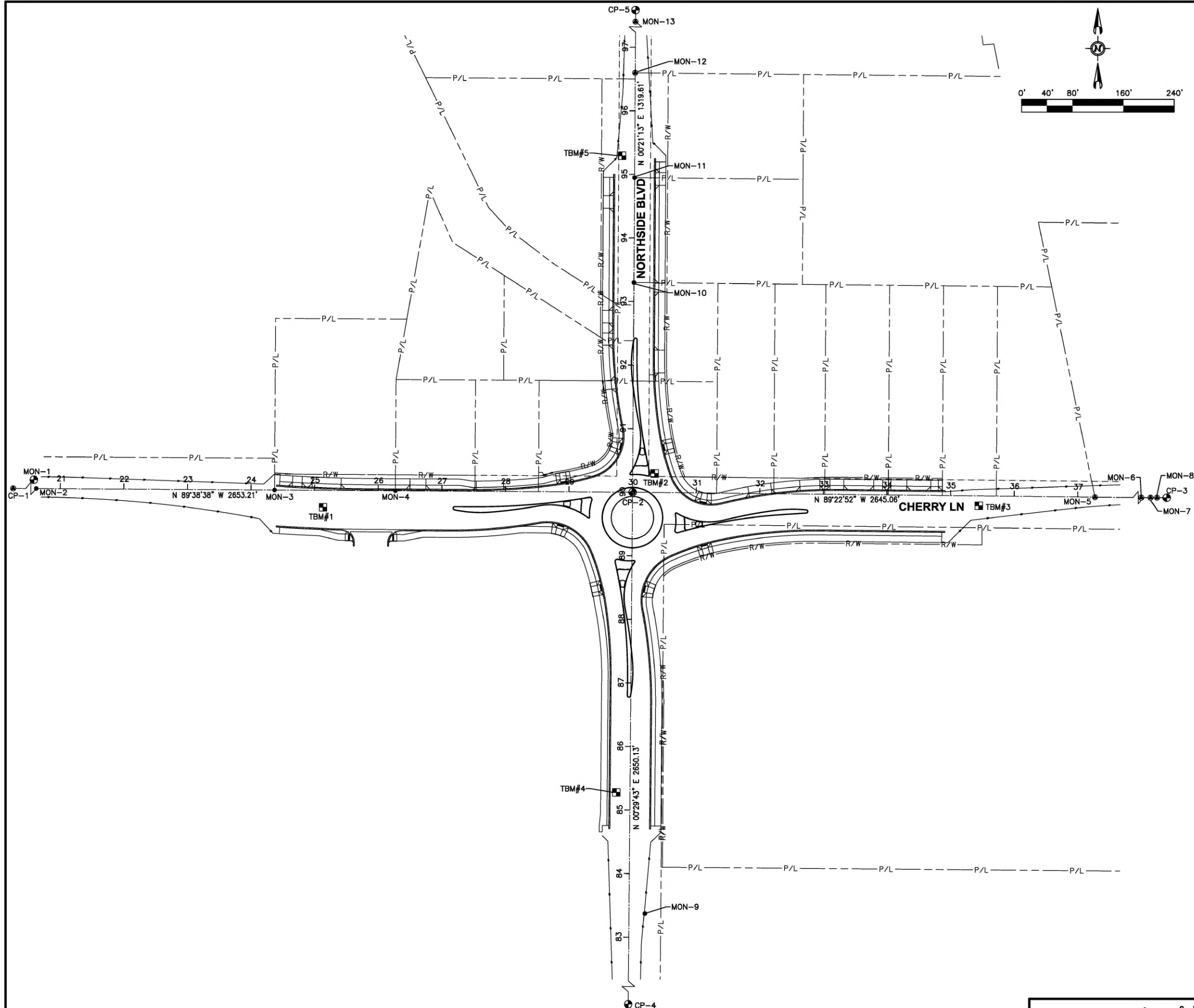
BENCH MARKS:

- TBM#1 - 5/8" REBAR WITH RED CAP
STA 25+13.31, 26.71' RT
N 712,855.66
E 2,406,513.27
ELEV 2468.44
- TBM#2 - 5/8" REBAR WITH RED CAP
STA 30+34.36, 29.93' LT
N 712,908.91
E 2,407,034.80
ELEV 2468.62
- TBM#3 - 5/8" REBAR WITH RED CAP
STA 35+44.49, 15.42' RT
N 712,858.05
E 2,407,544.41
ELEV 2471.06
- TBM#4 - 5/8" REBAR WITH RED CAP
STA 85+27.68, 21.49' LT
N 712,407.24
E 2,406,974.54
ELEV 2470.94
- TBM#5 - 5/8" REBAR WITH RED CAP
STA 95+29.19, 19.92' LT
N 713,408.65
E 2,406,983.46
ELEV 2469.44

MONUMENTS:

- MON-1 - BRASS CAP (USGS)
STA 19+28.54, 23.85' LT
N 712,909.86
E 2,405,928.83
- MON-2 - 1/2" IRON PIN
STA 19+76.97, 0.00' RT
N 712,885.71
E 2,405,977.11
- MON-3 - 1/2" IRON PIN
STA 24+36.99, 0.00' RT
N 712,882.85
E 2,406,437.12
- MON-4 - 1/2" IRON PIN
STA 26+26.98, 0.00' RT
N 712,881.67
E 2,406,627.11
- MON-5 - 5/8" IRON PIN
STA 37+27.00, 0.00' RT
N 712,871.50
E 2,407,727.07
- MON-6 - 5/8" IRON PIN
STA 39+91.90, 0.00' RT
N 712,868.64
E 2,407,991.96
- MON-7 - 5/8" IRON PIN
STA 43+22.32, 0.00' RT
N 712,865.07
E 2,408,322.36
- MON-8 - 5/8" IRON PIN
STA 43+24.29, 0.06' RT
N 712,864.99
E 2,408,324.33
- MON-9 - 1/2" IRON PIN
STA 83+37.42, 25.00' RT
N 712,216.58
E 2,407,019.39
- MON-10 - 1/2" IRON PIN
STA 93+29.90, 0.00' RT
N 713,209.24
E 2,407,002.15
- MON-11 - 1/2" IRON PIN
STA 94+94.83, 0.00' RT
N 713,374.17
E 2,407,003.17
- MON-12 - 5/8" IRON PIN
STA 96+59.92, 0.02' LT
N 713,539.25
E 2,407,004.17
- MON-13 - 5/8" IRON PIN
STA 97+91.72, 0.00' RT
N 713,671.05
E 2,407,005.00

COORDINATES FOR THIS PROJECT ARE A PROJECTION OF THE STATE PLANE COORDINATES, IDAHO WEST ZONE BASED ON A 2600' ELEVATION. THE FALSE NORTHING IS 0.00'. FALSE EASTING IS 2625002.488, WITH A COMBINATION FACTOR OF 1.0000612731. VERTICAL IS NAVD88, USING GEOID12B.



Revisions:

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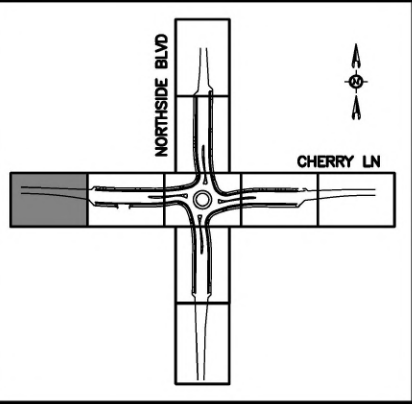
• SIGNATURES •

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| Design By: SIX MILE ENGINEERING, PA | Date: 08/24 | Drawn By: SIX MILE ENGINEERING, PA | Date: 08/24 |
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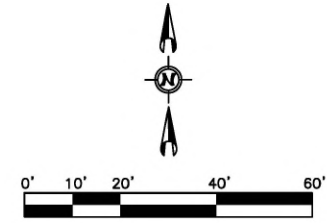
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| SURVEY CONTROL PLAN |
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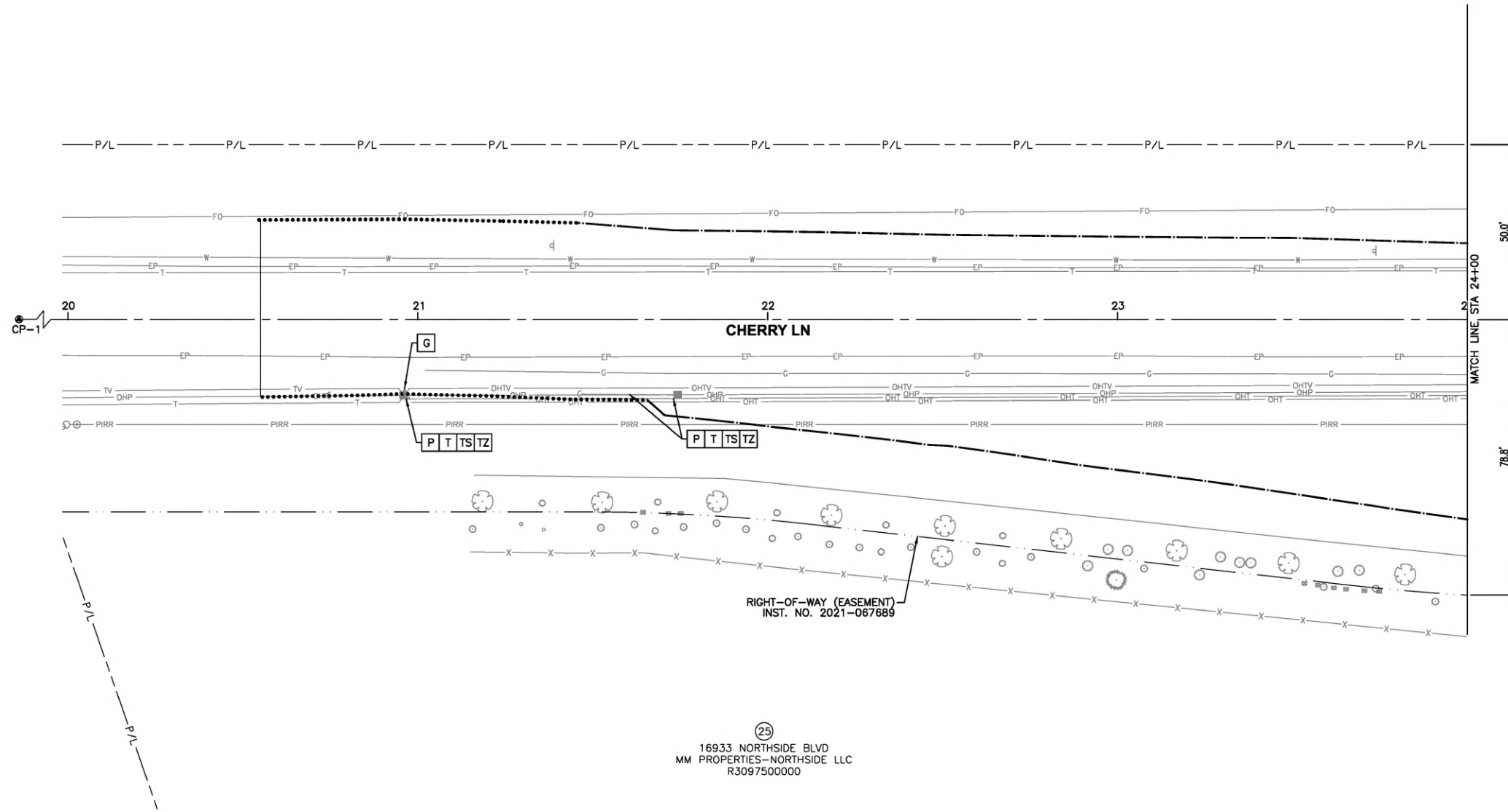


SEC 04, T3N, R2W

①
0 CHERRY LN
COREY D BARTON
R30839011A0



NOTES



②⑤
16933 NORTHSIDE BLVD
MM PROPERTIES-NORTHSIDE LLC
R3097500000

SEC 09, T3N, R2W

UTILITIES

- G** RELOCATE/ADJUST BY INTERMOUNTAIN GAS
- P** RELOCATE/ADJUST BY IDAHO POWER
- T** RELOCATE/ADJUST BY LUMEN
- TS** RELOCATE/ADJUST BY SYRINGA
- TZ** RELOCATE/ADJUST BY ZAYO

1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.



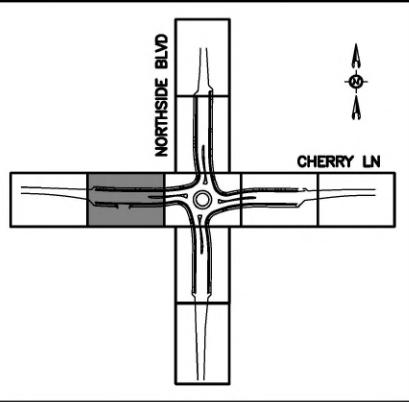
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• SIGNATURES •

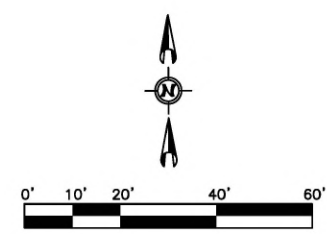
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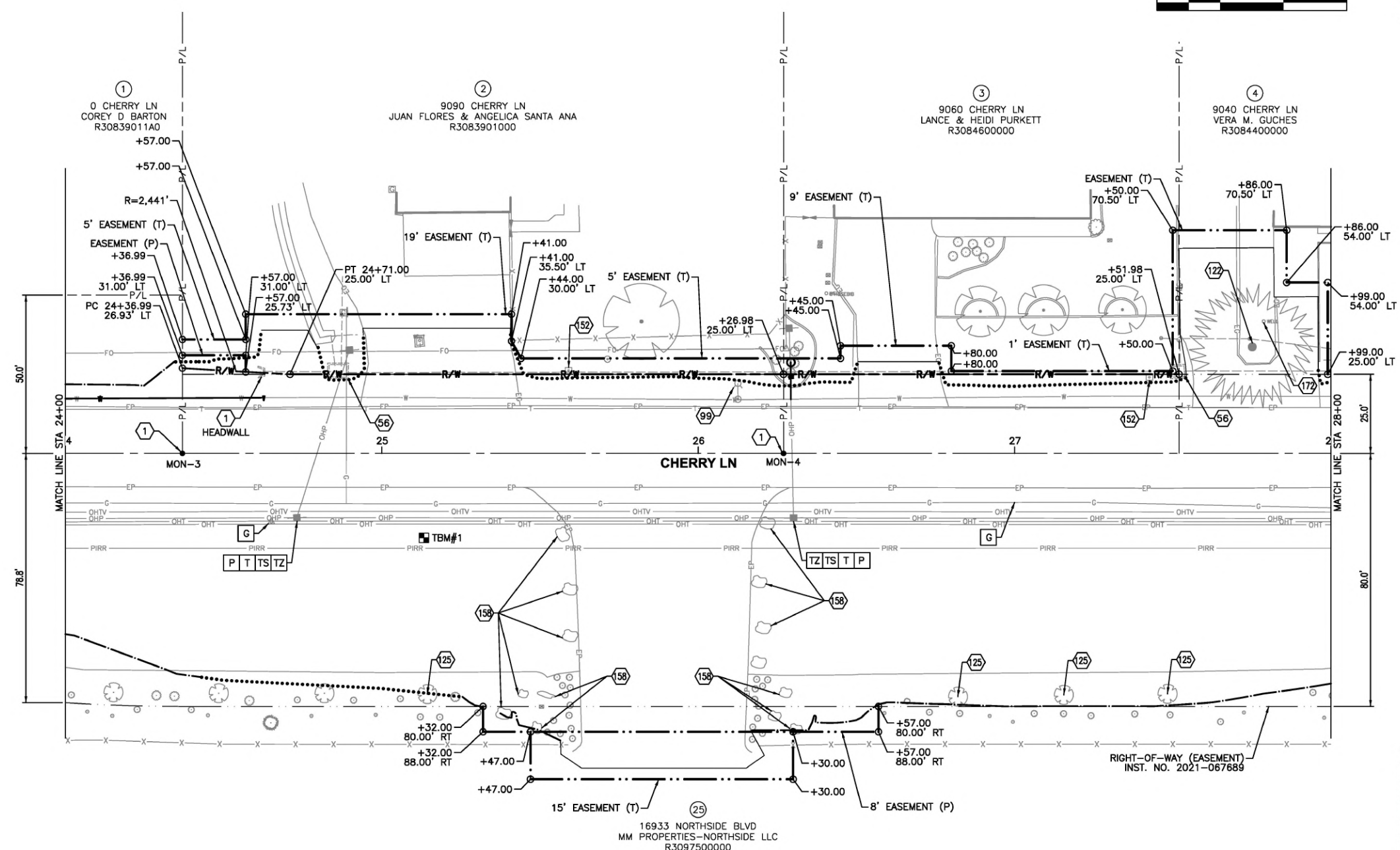
REMOVAL AND UTILITY PLAN



SEC 04, T3N, R2W



- NOTES**
- ① REMOVAL OF OBSTRUCTIONS, ITEM 201.4.1.C.1
 - ⑤⑥ RETAIN AND PROTECT IRRIGATION BOX
 - ⑨⑨ RETAIN AND PROTECT EXISTING HYDRANT.
 - ⑫⑫ TRIM TREE, ITEM SP 29090
 - ⑫⑫ REMOVE TREE 6"-, ITEM SP 201.4.1.C.1
 - ⑮⑮ REMOVE AND RESET MAILBOX, ITEM SP 25080
 - ⑮⑮ REMOVE AND RESET LANDSCAPE BOULDERS BY PROPERTY OWNER.
 - ⑰⑰ RETAIN AND PROTECT EXISTING WELL.



SEC 09, T3N, R2W

- UTILITIES**
- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - P RELOCATE/ADJUST BY IDAHO POWER
 - T RELOCATE/ADJUST BY LUMEN
 - TS RELOCATE/ADJUST BY SYRINGA
 - TZ RELOCATE/ADJUST BY ZAYO
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

PROFESSIONAL ENGINEER
 ORIGINAL ON FILE AT
 SIX MILE ENGINEERING
 15633
 ORIGINAL SIGNED
 AUGUST 22, 2024
 JENNIFER E. HUBER

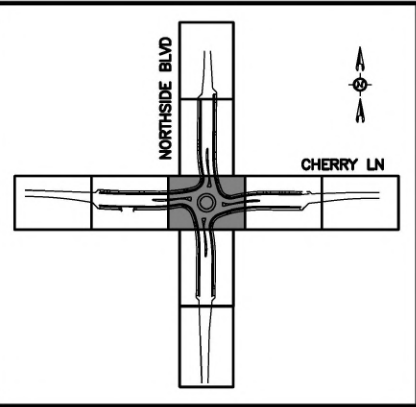
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• SIGNATURES •

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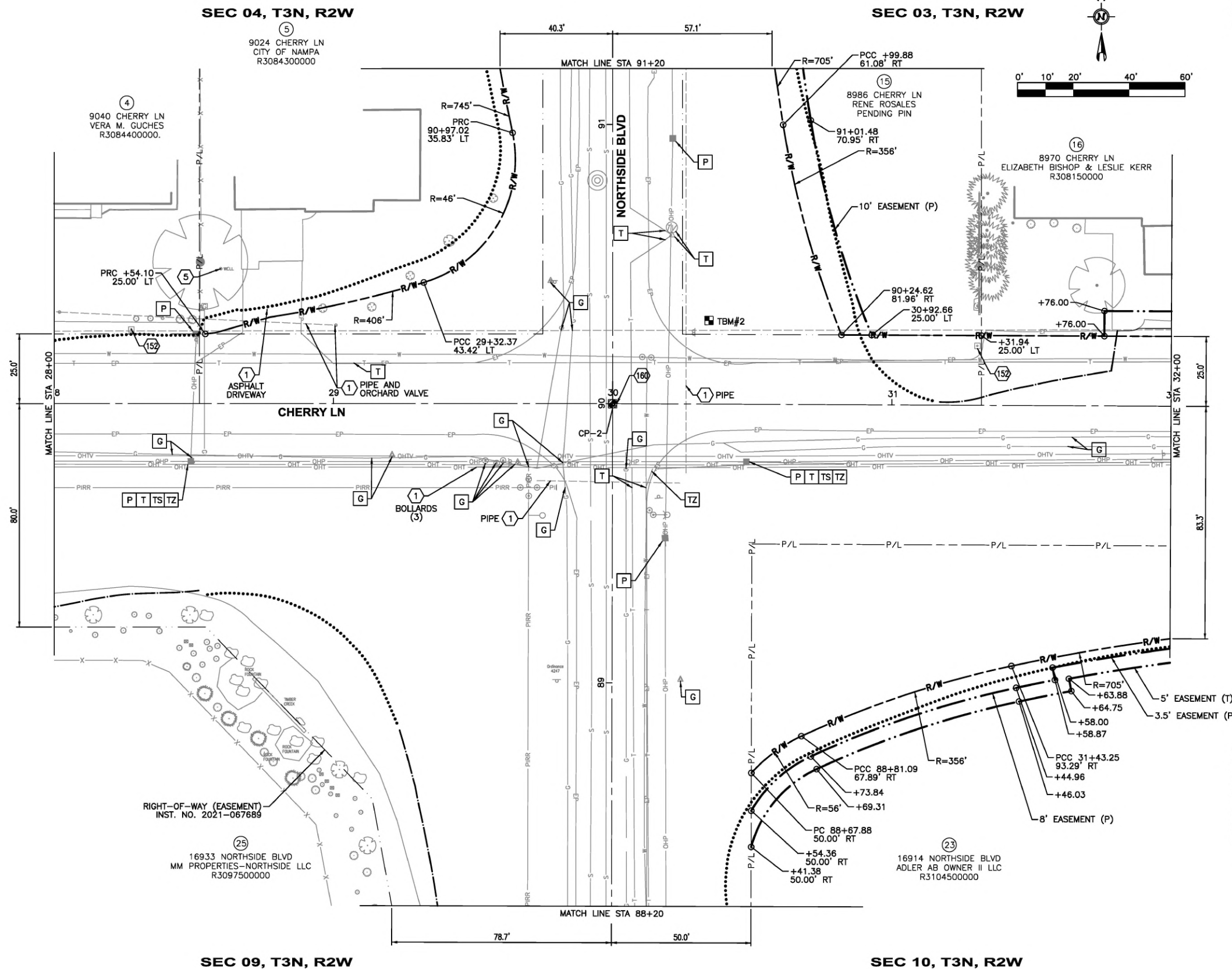
• SHEET TITLE •

REMOVAL AND UTILITY PLAN



NOTES

- ① REMOVAL OF OBSTRUCTIONS, ITEM 201.4.1.C.1
- ⑤ ABANDON EXISTING WELL, ITEM SP 06007
- 152 REMOVE AND RESET MAILBOX, ITEM SP 25080
- 160 REFERENCE AND RESET MONUMENT, ITEM 2020.4.1.F.1



UTILITIES

- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - P RELOCATE/ADJUST BY IDAHO POWER
 - T RELOCATE/ADJUST BY LUMEN
 - TS RELOCATE/ADJUST BY SYRINGA
 - TZ RELOCATE/ADJUST BY ZAYO
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.



Revisions: _____

• SIGNATURES •

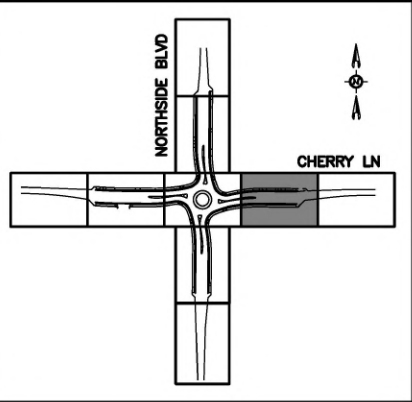
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• SHEET TITLE •

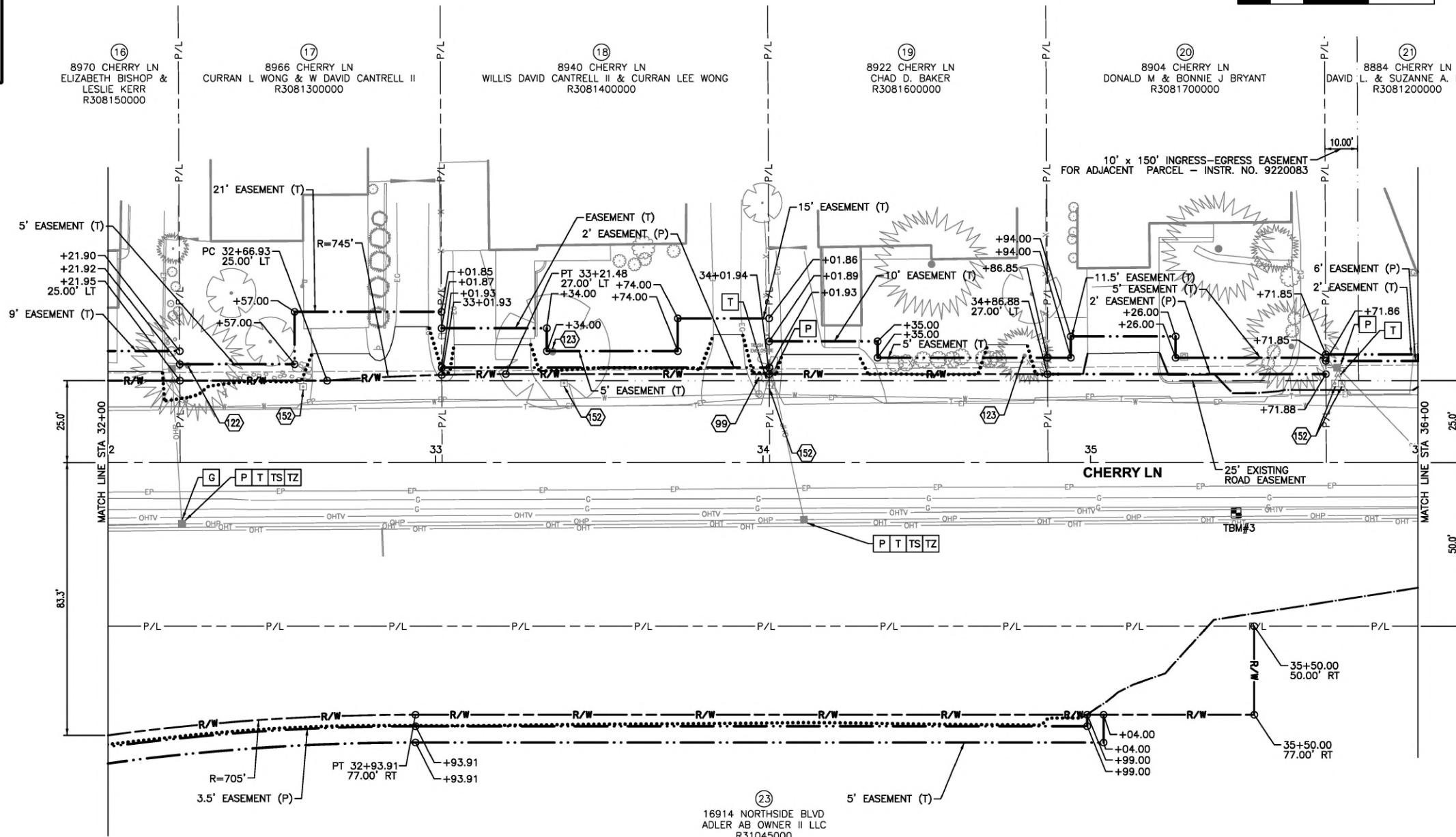
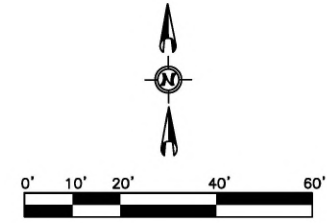
REMOVAL AND UTILITY PLAN

NOTES

- 99 RETAIN AND PROTECT EXISTING HYDRANT
- 122 TRIM TREE, ITEM SP 29090
- 123 REMOVE TREE 6"+, ITEM SP 29093
- 152 REMOVE AND RESET MAILBOX, ITEM SP 25080



SEC 03, T3N, R2W



SEC 10, T3N, R2W

UTILITIES

- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
- P RELOCATE/ADJUST BY IDAHO POWER
- T RELOCATE/ADJUST BY LUMEN
- TS RELOCATE/ADJUST BY SYRINGA
- TZ RELOCATE/ADJUST BY ZAYO

1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

PROFESSIONAL ENGINEER
 ORIGINAL ON FILE AT
 SIX MILE ENGINEERING
 15633
 ORIGINAL SIGNED
 AUGUST 22, 2024
 JENNIFER E. HUBER

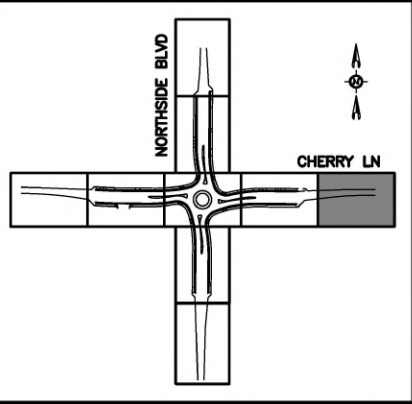
Six Mile Engineering

REMOVAL AND UTILITY PLAN

SIGNATURES

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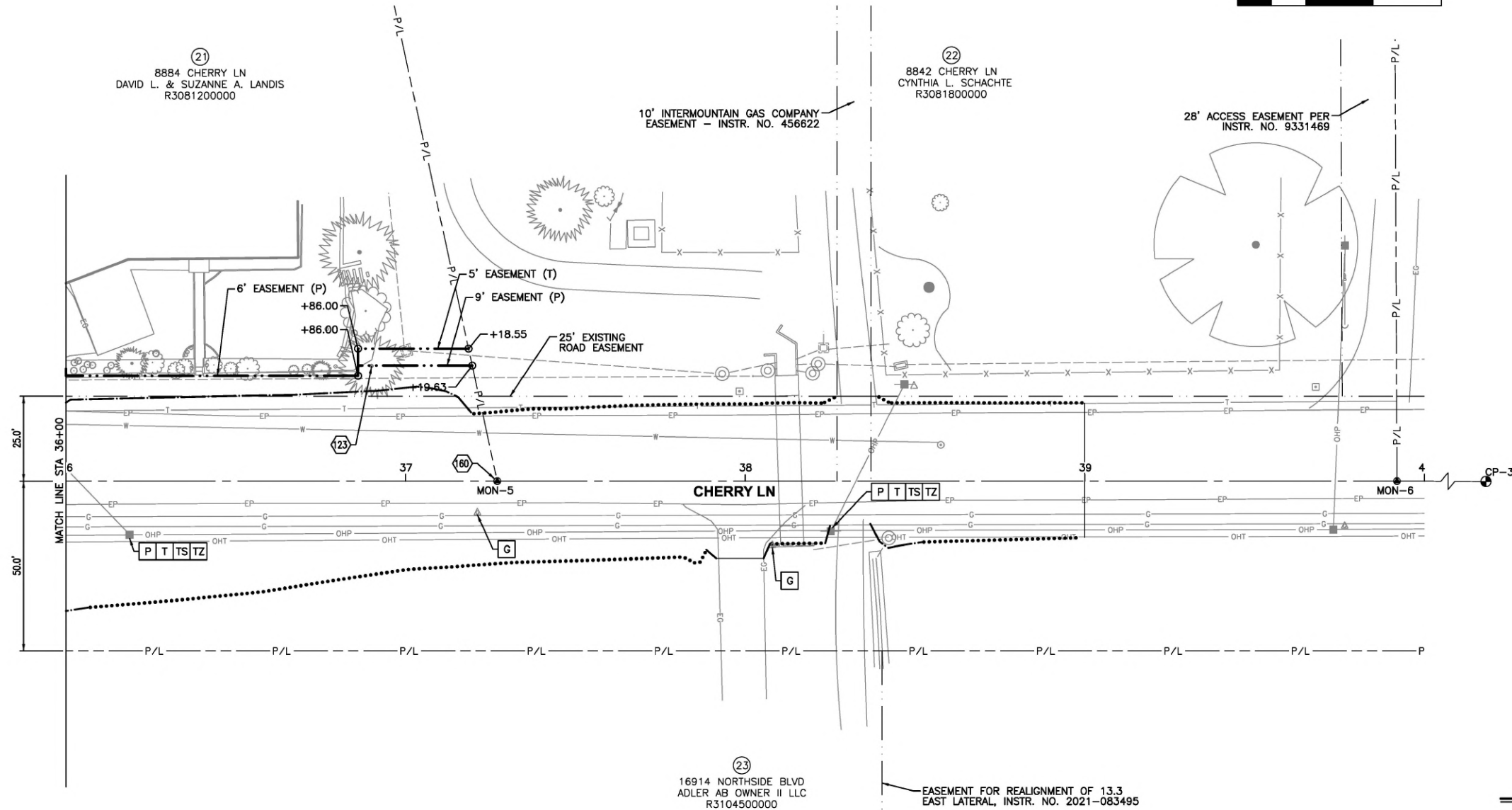
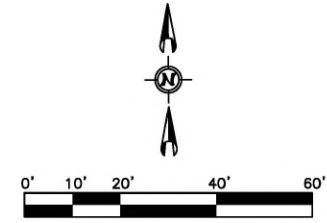
Revisions:



SEC 03, T3N, R2W

NOTES

- 123 REMOVE TREE 6"+, ITEM SP 29093
- 180 REFERENCE AND RESET MONUMENT, ITEM 2020.4.1.F.1



SEC 10, T3N, R2W

UTILITIES

- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - P RELOCATE/ADJUST BY IDAHO POWER
 - T RELOCATE/ADJUST BY LUMEN
 - TS RELOCATE/ADJUST BY SYRINGA
 - TZ RELOCATE/ADJUST BY ZAYO
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

PROFESSIONAL ENGINEER
 ORIGINAL ON FILE AT
 SIX MILE ENGINEERING
 15633
 ORIGINAL SIGNED
 AUGUST 22, 2024
 JENNIFER E. HUBER



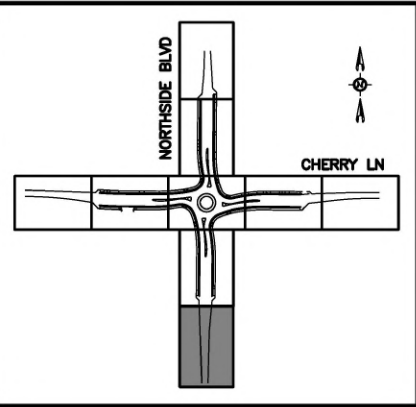
Revisions:

SIGNATURES

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SHEET TITLE

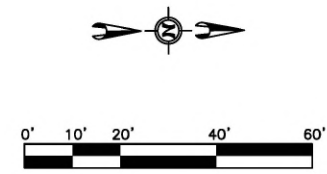
REMOVAL AND UTILITY PLAN



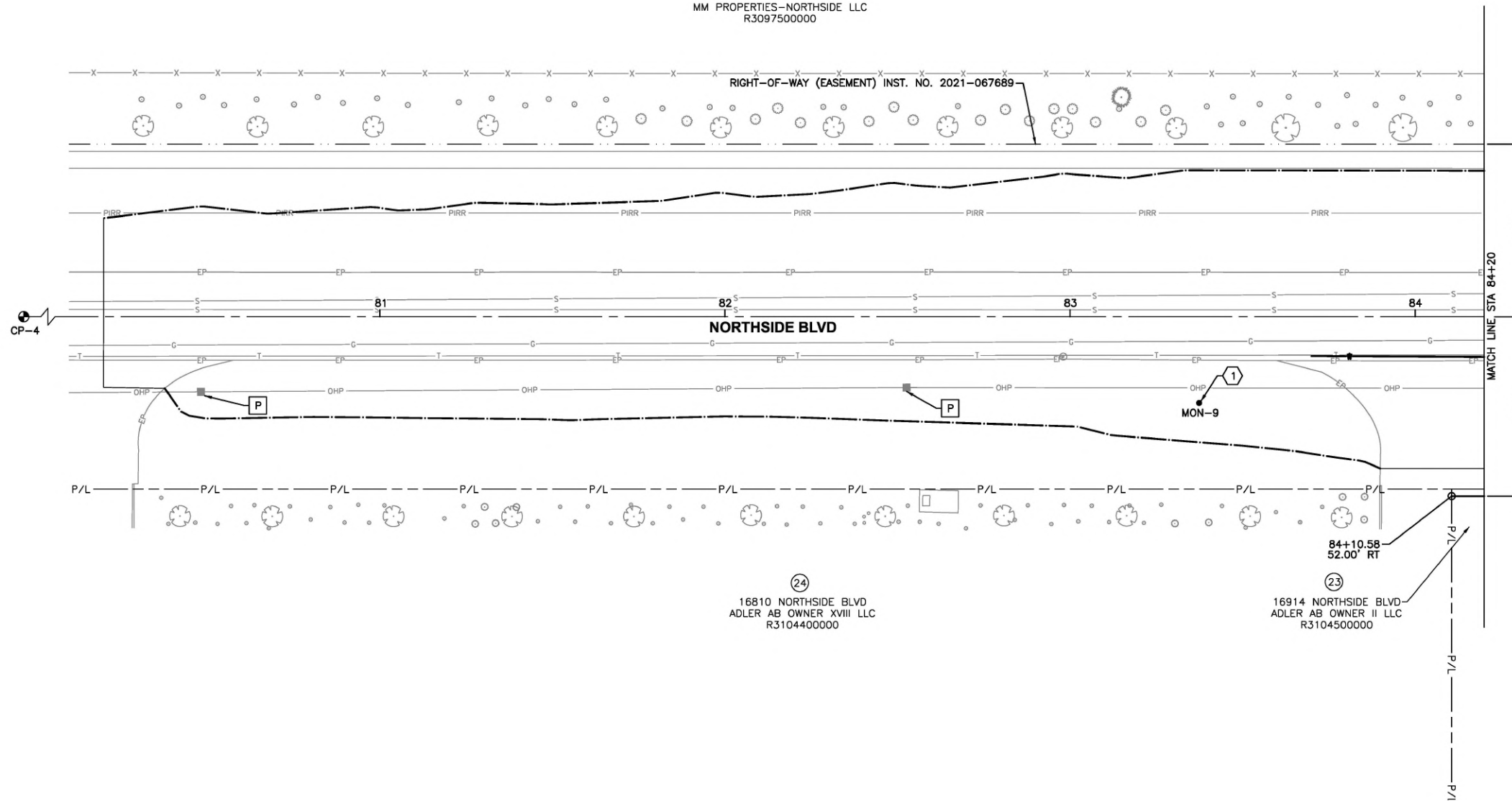
SEC 9, T3N, R2W

NOTES

① REMOVAL OF OBSTRUCTIONS, ITEM 201.4.1.C.1



②
16933 NORTHSIDE BLVD
MM PROPERTIES-NORTHSIDE LLC
R3097500000



SEC 10, T3N, R2W

UTILITIES

- ① RELOCATE/ADJUST BY IDAHO POWER
- 1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

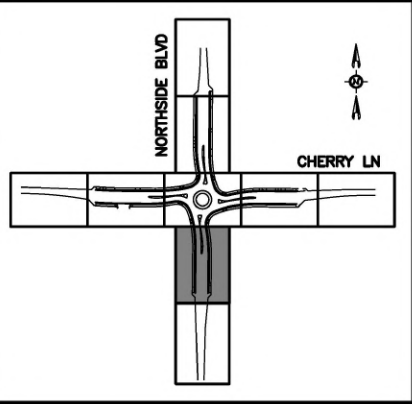


Six Mile Engineering

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| Revisions: | • SIGNATURES • | |
| | Design By: SIX MILE ENGINEERING, PA | Date: 08/24 |
| | Drawn By: SIX MILE ENGINEERING, PA | Date: 08/24 |

• SHEET TITLE •

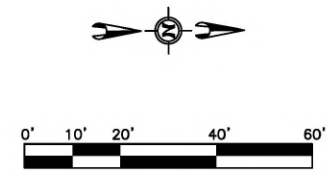
REMOVAL AND UTILITY PLAN



SEC 09, T3N, R2W

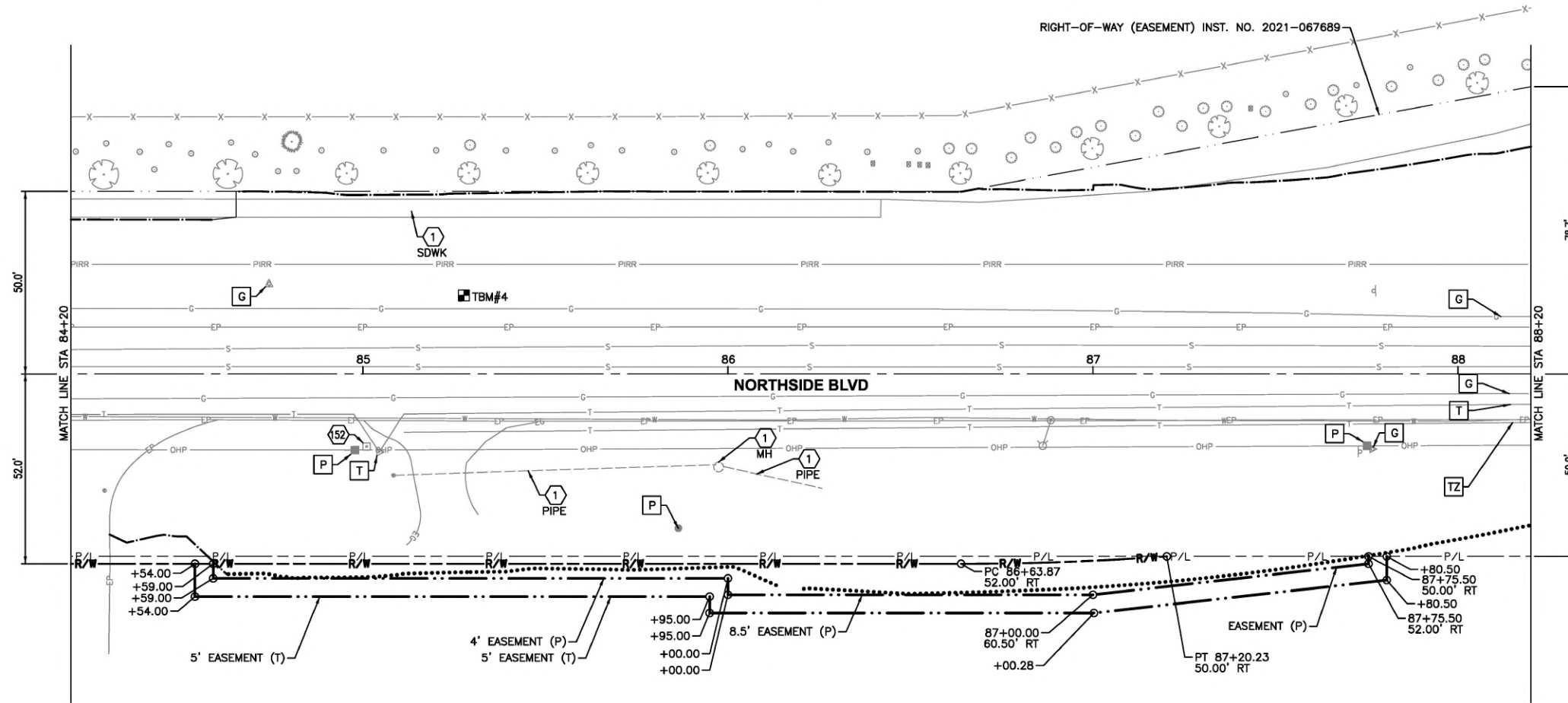
NOTES

- ① REMOVAL OF OBSTRUCTIONS, ITEM 201.4.1.C.1
- ② REMOVE AND RESET MAILBOX, ITEM SP 25080



②
16933 NORTHSIDE BLVD
MM PROPERTIES-NORTHSIDE LLC
R3097500000

RIGHT-OF-WAY (EASEMENT) INST. NO. 2021-067689



③
16914 NORTHSIDE BLVD
ADLER AB OWNER II LLC
R3104500000

SEC 10, T3N, R2W

UTILITIES

- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
- P RELOCATE/ADJUST BY IDAHO POWER
- T RELOCATE/ADJUST BY LUMEN
- TZ RELOCATE/ADJUST BY ZAYO

1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

Six Mile Engineering

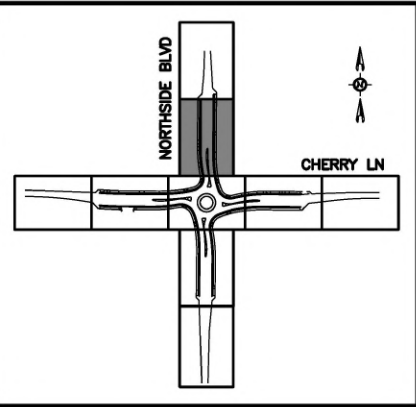
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 ORIGINAL ON FILE AT
 SIX MILE ENGINEERING
 15633
 ORIGINAL SIGNED
 AUGUST 22, 2024
 JENNIFER E. HUBB

SIGNATURES

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

REMOVAL AND UTILITY PLAN

Revisions:



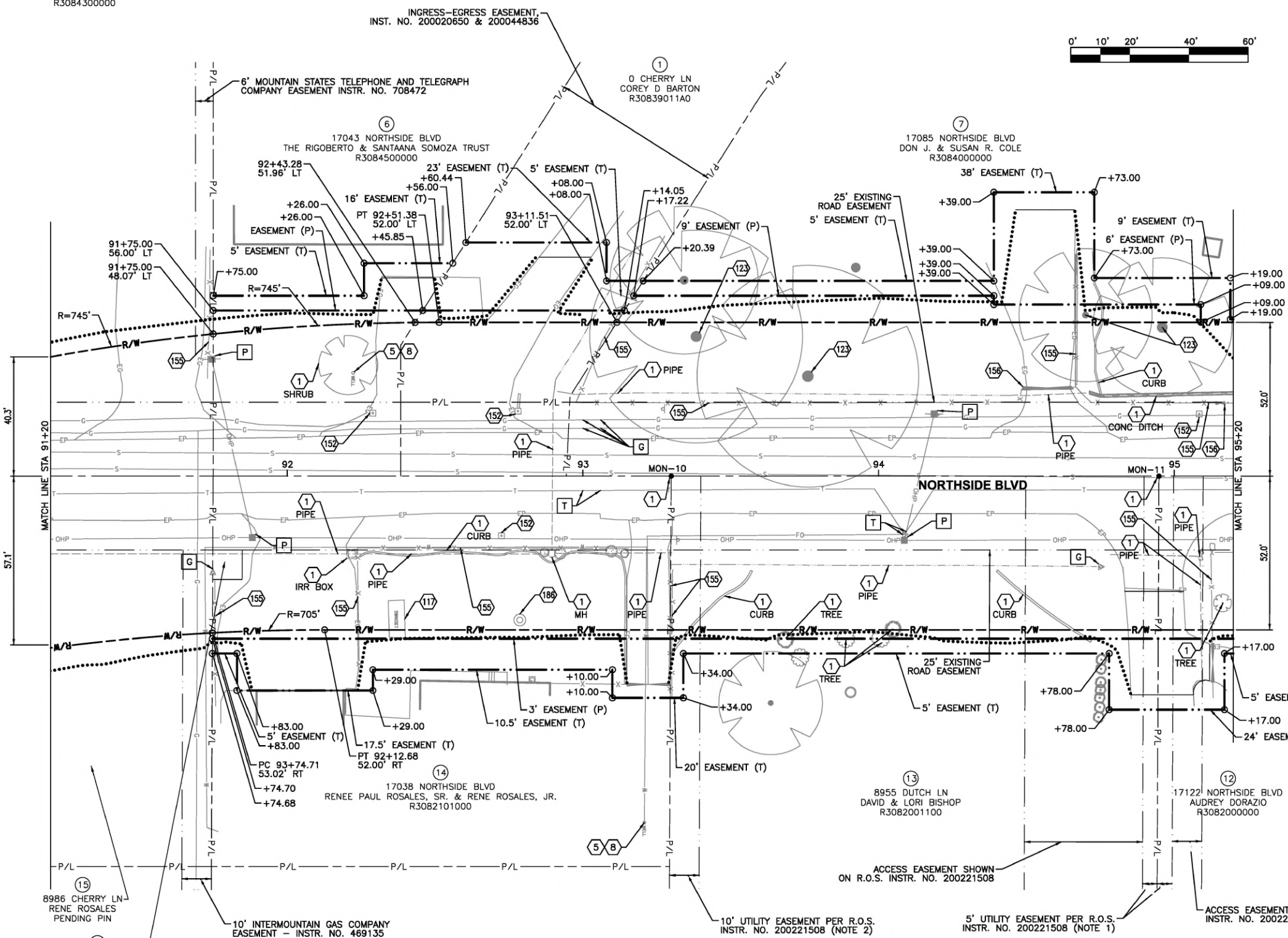
5
9024 CHERRY LN
CITY OF NAMPA
R3084300000

SEC 04, T3N, R2W



NOTES

- 1 REMOVAL OF OBSTRUCTIONS, ITEM 201.4.1.C.1
- 5 ABANDON EXISTING WELL, ITEM SP 06007
- 8 COORDINATE WITH PROPERTY OWNER FOR ABANDONMENT OF WELL AND CONNECTION TO CITY WATER SERVICE.
- 117 REMOVE & RESET SWINGSET BY PROPERTY OWNER.
- 123 REMOVE TREE 6"+, ITEM SP 29093
- 152 REMOVE AND RESET MAILBOX, ITEM SP 25080
- 155 REMOVE AND RESET FENCE BY PROPERTY OWNER.
- 156 REMOVE AND RESET GATE BY PROPERTY OWNER.
- 186 REMOVE AND REPLACE SEPTIC TANK AND DRAIN FIELD BY OTHERS. NEW FACILITIES WILL BE CONSTRUCTED PRIOR TO CONSTRUCTION OF ROADWAY IMPROVEMENTS.



UTILITIES

- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - P RELOCATE/ADJUST BY IDAHO POWER
 - T RELOCATE/ADJUST BY LUMEN
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

SEC 03, T3N, R2W

15
8986 CHERRY LN
RENE ROSALES
PENDING PIN

26
0 NORTHSIDE BLVD
INTERMOUNTAIN GAS CO
R3082200000

SIX MILE
6 Engineering

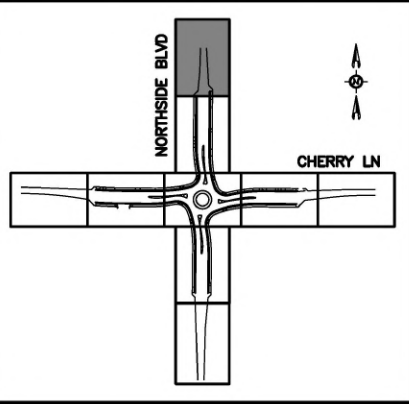


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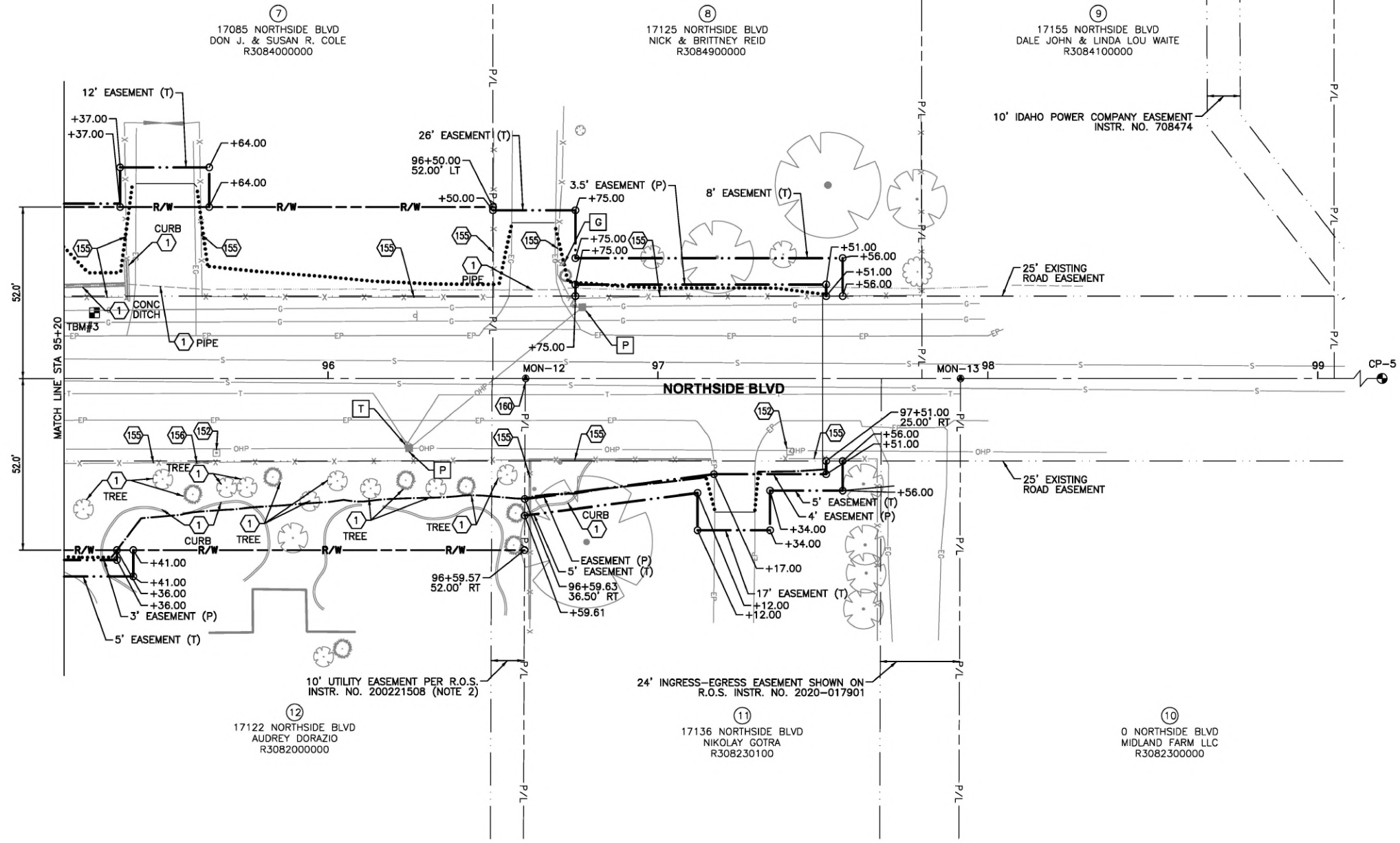
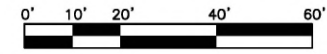
REMOVAL AND UTILITY PLAN



SEC 04, T3N, R2W

NOTES

- 1 REMOVAL OF OBSTRUCTIONS, ITEM 201.4.1.C.1
- 152 REMOVE AND RESET MAILBOX, ITEM SP 25080
- 155 REMOVE AND RESET FENCE BY PROPERTY OWNER.
- 156 REMOVE AND RESET GATE BY PROPERTY OWNER.
- 160 REFERENCE AND RESET MONUMENT, ITEM 2020.4.1.F.1



SEC 03, T3N, R2W

UTILITIES

- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - P RELOCATE/ADJUST BY IDAHO POWER
 - T RELOCATE/ADJUST BY LUMEN
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

Revisions:

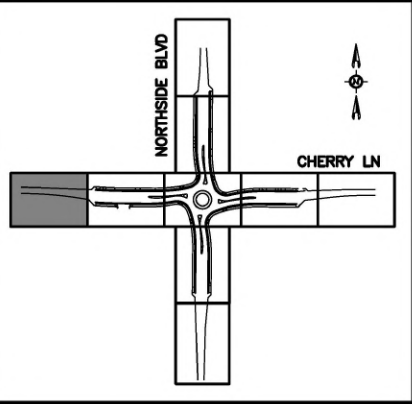
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REMOVAL AND UTILITY PLAN

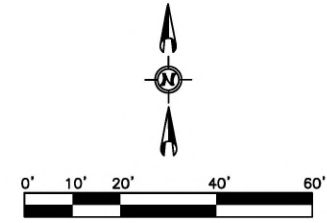
Six Mile Engineering

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 15633
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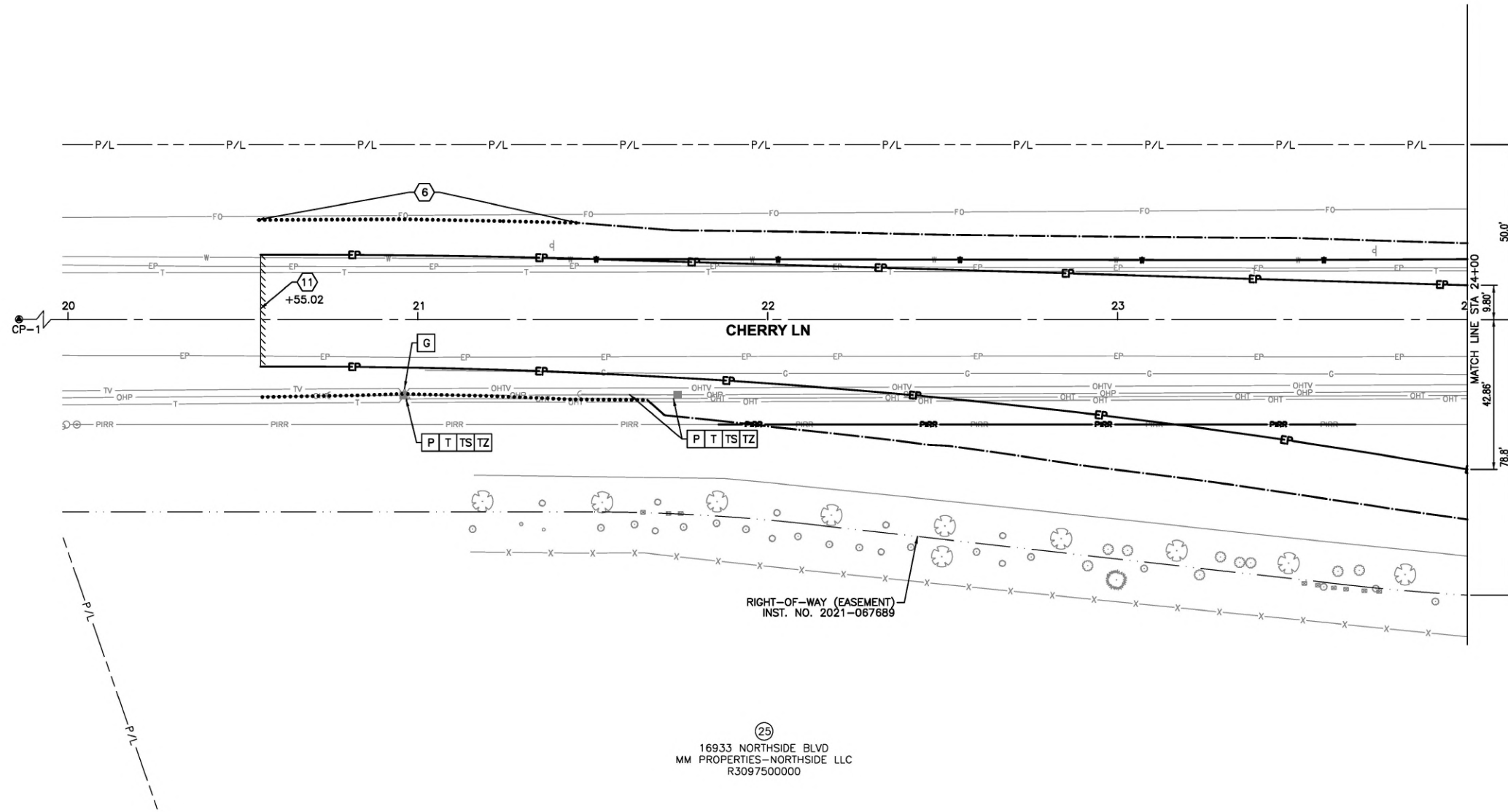
SEC 04, T3N, R2W

①
0 CHERRY LN
COREY D BARTON
R30839011A0



NOTES

- ⑥ PIN FILL SLOPE TO FLOW LINE AND RESTORE DITCH DIMENSIONS FROM STA 20+55 TO 21+50 (SLOPE DETAIL A), ITEM 202.4.1.A.1
- ⑪ SAW CUT EXISTING PAVEMENT, ITEM 202.4.1.A.1



50.0'
9.80'
42.85'
78.8'

UTILITIES

- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
- P RELOCATE/ADJUST BY IDAHO POWER
- T RELOCATE/ADJUST BY LUMEN
- TS RELOCATE/ADJUST BY SYRINGA
- TZ RELOCATE/ADJUST BY ZAYO

1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

②⑤
16933 NORTHSIDE BLVD
MM PROPERTIES-NORTHSIDE LLC
R3097500000

SEC 09, T3N, R2W

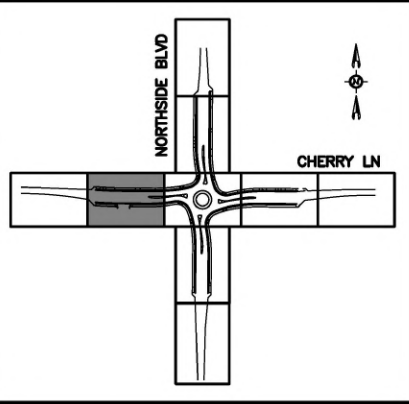
SIX MILE ENGINEERING

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SIX MILE ENGINEERING
15633
ORIGINAL SIGNED
AUGUST 22, 2024
JENNIFER E. HUBER

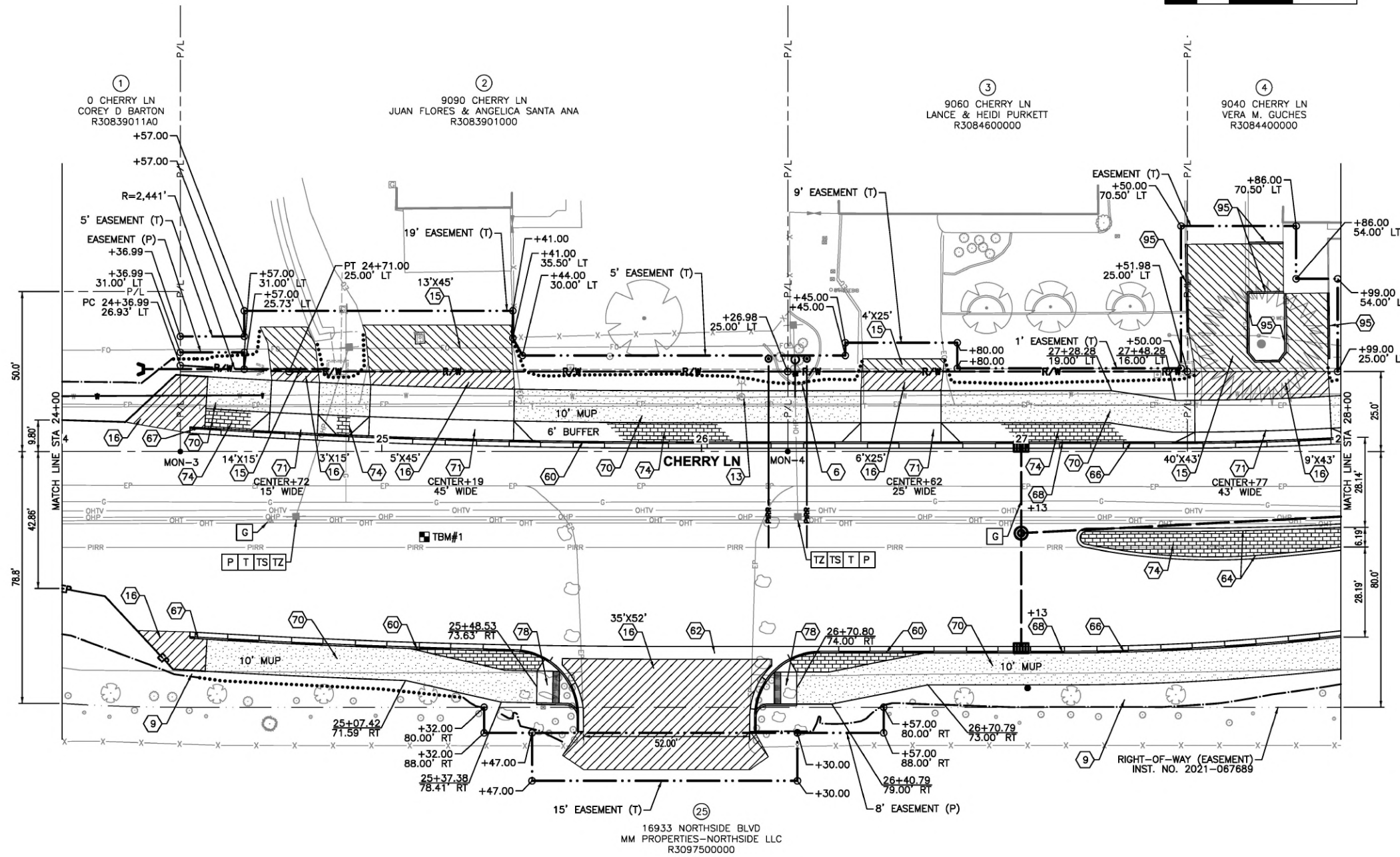
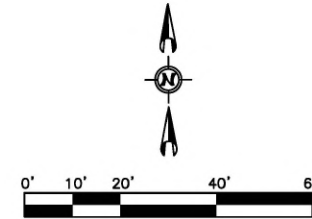
Revisions: _____

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Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

SHEET TITLE
PLAN



SEC 04, T3N, R2W



NOTES

- 6 PIN FILL SLOPE TO LANDSCAPE CURB, ITEM 202.4.1.A.1
- 9 REDUCE CATCH SLOPE FROM 3:1 TO 2:1 STA 24+40.00 TO STA 28+00.00 RT
- 13 VALVE BOX, ADJUST TO GRADE, ITEM 2030.4.1.C.1
- 15 GRAVEL REPAIR, ITEM SP 02020
- 16 ASPHALT REPAIR, ITEM SP 08120
- 60 STANDARD 6-INCH VERTICAL CURB & GUTTER, ITEM 706.4.1.A.5
- 62 CONCRETE VALLEY GUTTERS, ITEM 706.4.1.B.1
- 64 MOUNTABLE ROUNDABOUT CURB (NO GUTTER), SIZE 4-INCH (SPLITTER ISLAND), ITEM 706.4.1.A.9.B
- 66 MOUNTABLE ROUNDABOUT CURB & GUTTER, SIZE 6-INCH, ITEM 706.4.1.A.11
- 67 5' CURB TERMINUS, ITEM 706.4.1.A.5
- 68 2' CURB TRANSITION FROM STANDARD 6-INCH VERTICAL CURB & GUTTER TO MOUNTABLE ROUNDABOUT CURB & GUTTER, SIZE 6-INCH, ITEM 706.4.1.A.5
- 70 CONCRETE SIDEWALK, THICKNESS 5-INCH, ITEM 706.4.1.E.1
- 71 CONCRETE DRIVEWAY APPROACH, SD-710, ITEM 706.4.1.F.1
- 74 COLORED AND PATTERNED CONCRETE, ITEM SP 07013
- 78 PEDESTRIAN RAMP W/ DETECTABLE WARNING DOMES, TYPE SD-712C, C4 (10' WIDE), ITEM 706.4.1.H.1.C
- 95 REMOVE AND RESET LANDSCAPE TIMBERS, ITEM SP 29070

UTILITIES

- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - P RELOCATE/ADJUST BY IDAHO POWER
 - T RELOCATE/ADJUST BY LUMEN
 - TS RELOCATE/ADJUST BY SYRINGA
 - TZ RELOCATE/ADJUST BY ZAYO
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

SEC 09, T3N, R2W

SIX MILE Engineering



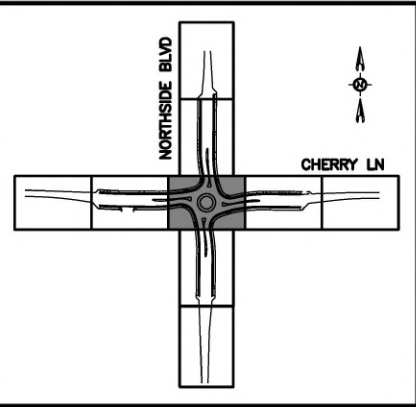
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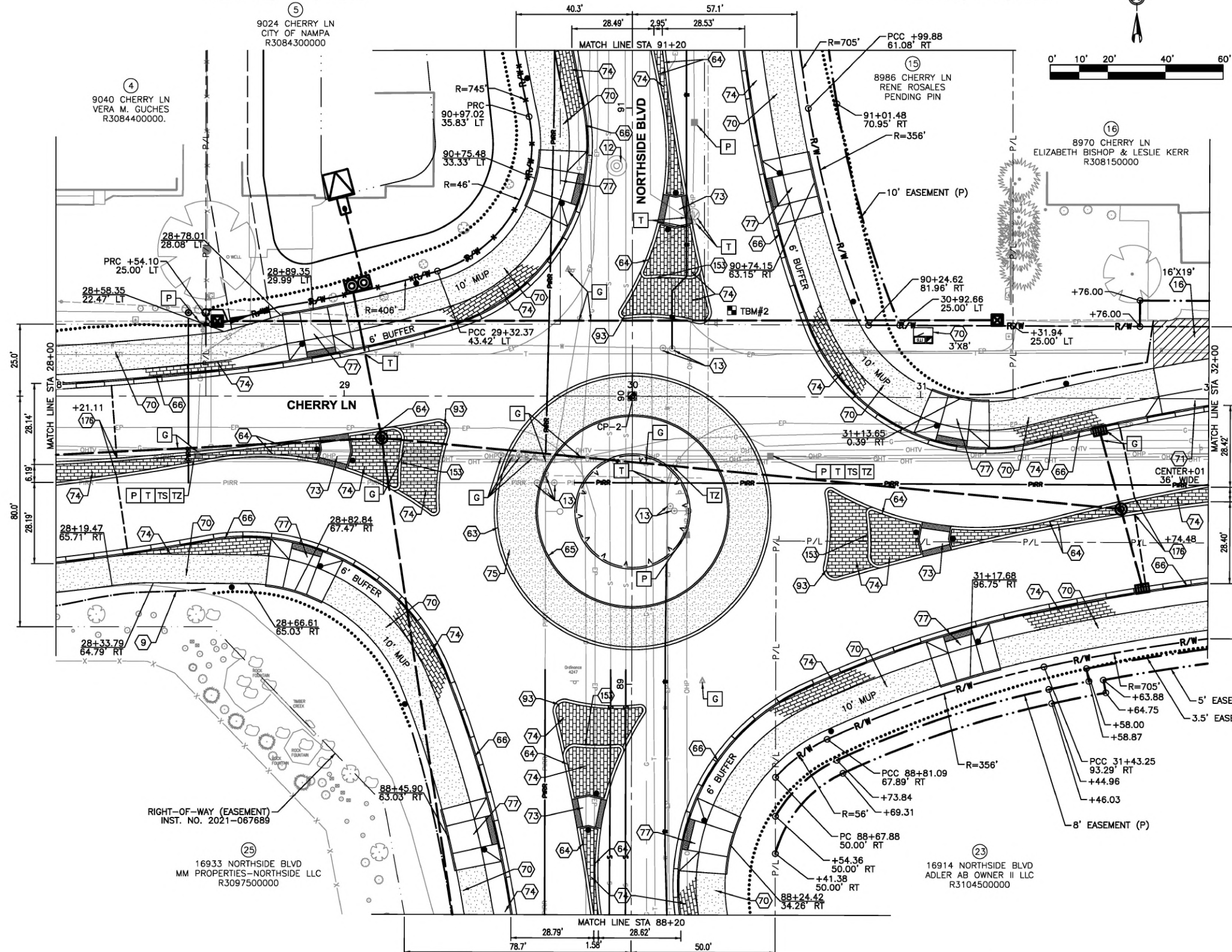
SHEET TITLE

PLAN



SEC 04, T3N, R2W

SEC 03, T3N, R2W



NOTES

- 9 REDUCE CATCH SLOPE FROM 3:1 TO 2:1 STA 28+00.00 TO STA 28+50.00 RT
- 12 MANHOLE ADJUST TO GRADE, ITEM 2030.4.1.A.1
- 13 VALVE BOX, ADJUST TO GRADE, ITEM 2030.4.1.C.1
- 16 ASPHALT REPAIR, ITEM SP 08120
- 63 MOUNTABLE ROUNDABOUT CURB (NO GUTTER), SIZE 3-INCH (TRUCK APRON), ITEM 706.4.1.A.9.A
- 64 MOUNTABLE ROUNDABOUT CURB (NO GUTTER), SIZE 4-INCH (SPLITTER ISLAND), ITEM 706.4.1.A.9.B
- 65 MOUNTABLE ROUNDABOUT CURB (NO GUTTER), SIZE 6-INCH (CENTER ISLAND), ITEM 706.4.1.A.9.C
- 66 MOUNTABLE ROUNDABOUT CURB & GUTTER, SIZE 6-INCH, ITEM 706.4.1.A.11
- 70 CONCRETE SIDEWALK, THICKNESS 5-INCH, ITEM 706.4.1.E.1
- 71 CONCRETE DRIVEWAY APPROACH, SD-710, ITEM 706.4.1.F.1
- 73 PEDESTRIAN RAMP W/ DETECTABLE WARNING DOMES, TYPE SPLITTER ISLAND, ITEM 706.4.1.H.1.B
- 74 COLORED AND PATTERNED CONCRETE, ITEM SP 07013
- 75 PORTLAND CEMENT CONCRETE PAVEMENT - CLASS 4000A, 9-INCH THICKNESS (COLORED TRUCK APRON), ITEM 705.4.1.A.1.A
- 77 PEDESTRIAN RAMP W/ DETECTABLE WARNING DOMES, TYPE SD-712G MOD (10' WIDE), ITEM 706.4.1.H.1.A
- 93 MEDIAN ISLAND CURB, ITEM SP 07009
- 153 SEE TEMPORARY SPLITTER ISLAND CURB DETAIL
- 176 LIMITS OF CONCRETE PAVING.

UTILITIES

- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - P RELOCATE/ADJUST BY IDAHO POWER
 - T RELOCATE/ADJUST BY LUMEN
 - TS RELOCATE/ADJUST BY SYRINGA
 - TZ RELOCATE/ADJUST BY ZAYO
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

SEC 09, T3N, R2W

SEC 10, T3N, R2W

Revisions:

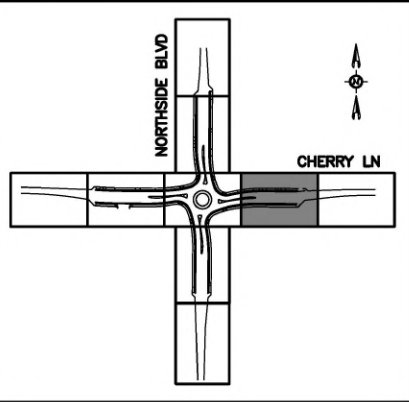
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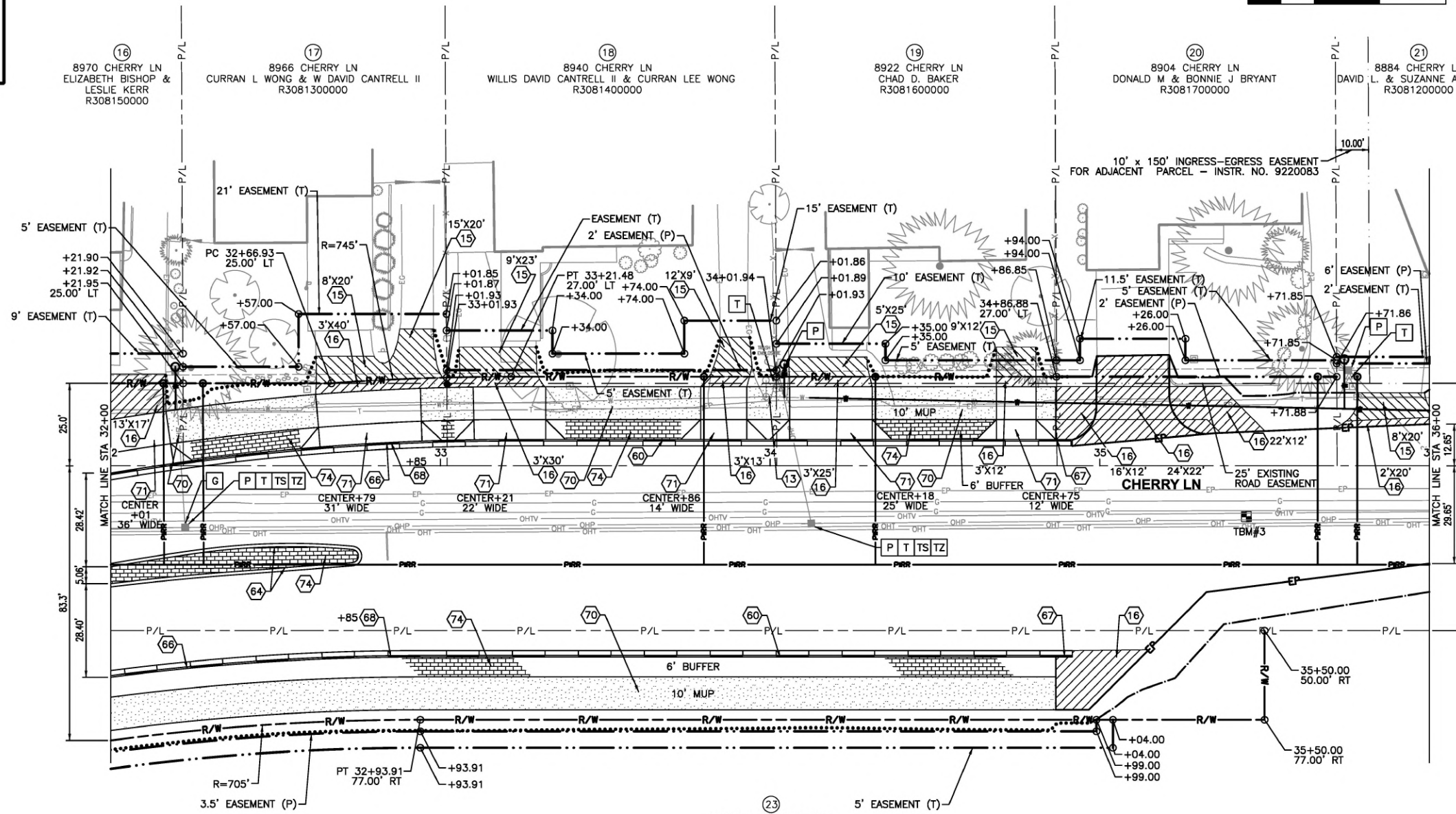
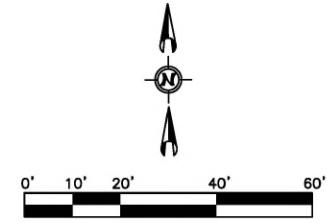
SHEET TITLE

PLAN





SEC 03, T3N, R2W



NOTES

- 13 VALVE BOX, ADJUST TO GRADE, ITEM 2030.4.1.C.1
- 15 GRAVEL REPAIR, ITEM SP 02020
- 16 ASPHALT REPAIR, ITEM SP 08120
- 60 STANDARD 6-INCH VERTICAL CURB & GUTTER, ITEM 706.4.1.A.5
- 64 MOUNTABLE ROUNDABOUT CURB (NO GUTTER), SIZE 4-INCH (SPLITTER ISLAND), ITEM 706.4.1.A.9.B
- 66 MOUNTABLE ROUNDABOUT CURB & GUTTER, SIZE 6-INCH, ITEM 706.4.1.A.11
- 67 5' CURB TERMINUS, ITEM 706.4.1.A.5
- 68 2' CURB TRANSITION FROM STANDARD 6-INCH VERTICAL CURB & GUTTER TO MOUNTABLE ROUNDABOUT CURB & GUTTER, SIZE 6-INCH, ITEM 706.4.1.A.5
- 70 CONCRETE SIDEWALK, THICKNESS 5-INCH, ITEM 706.4.1.E.1
- 71 CONCRETE DRIVEWAY APPROACH, SD-710, ITEM 706.4.1.F.1
- 74 COLORED AND PATTERNED CONCRETE, ITEM SP 07013

UTILITIES

- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - P RELOCATE/ADJUST BY IDAHO POWER
 - T RELOCATE/ADJUST BY LUMEN
 - TS RELOCATE/ADJUST BY SYRINGA
 - TZ RELOCATE/ADJUST BY ZAYO
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

SEC 10, T3N, R2W

SIGNATURES

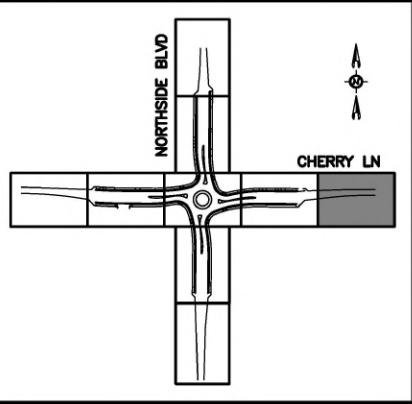
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PLAN



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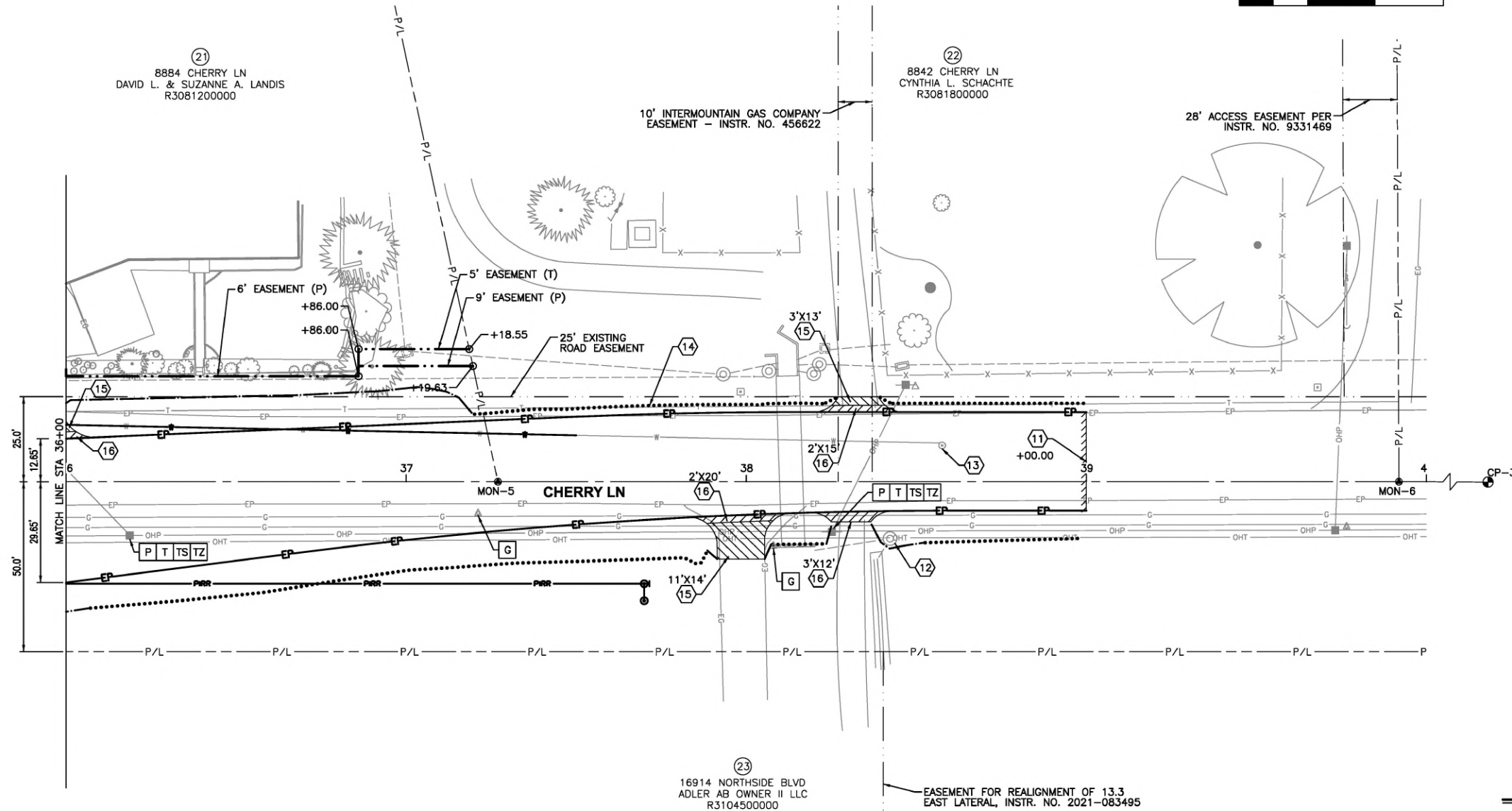
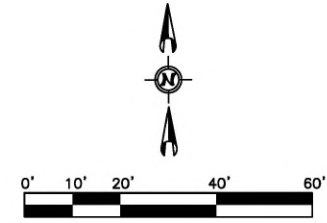
Revisions:



SEC 03, T3N, R2W

NOTES

- 11 SAW CUT EXISTING PAVEMENT, ITEM 202.4.1.A.1
- 12 MANHOLE ADJUST TO GRADE, ITEM 2030.4.1.A.1
- 13 VALVE BOX, ADJUST TO GRADE, ITEM 2030.4.1.C.1
- 14 PIN FILL SLOPE TO PRESCRIPTIVE EASEMENT, STA 37+20 TO STA 39+00 (SLOPE DETAIL B), ITEM 202.4.1.A.1
- 15 GRAVEL REPAIR, ITEM SP 02020
- 16 ASPHALT REPAIR, ITEM SP 08120



SEC 10, T3N, R2W

UTILITIES

- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - P RELOCATE/ADJUST BY IDAHO POWER
 - T RELOCATE/ADJUST BY LUMEN
 - TS RELOCATE/ADJUST BY SYRINGA
 - TZ RELOCATE/ADJUST BY ZAYO
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

PROFESSIONAL ENGINEER
CENSUS
ORIGINAL ON FILE AT
SIX MILE ENGINEERING
15633
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AUGUST 22, 2024
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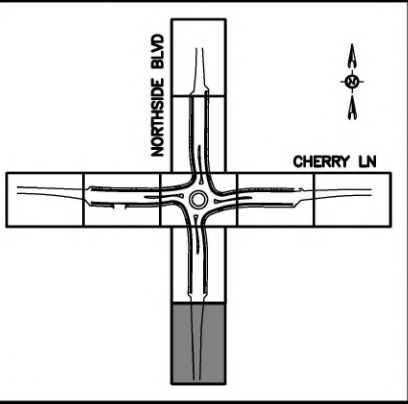
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6 Engineering

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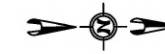
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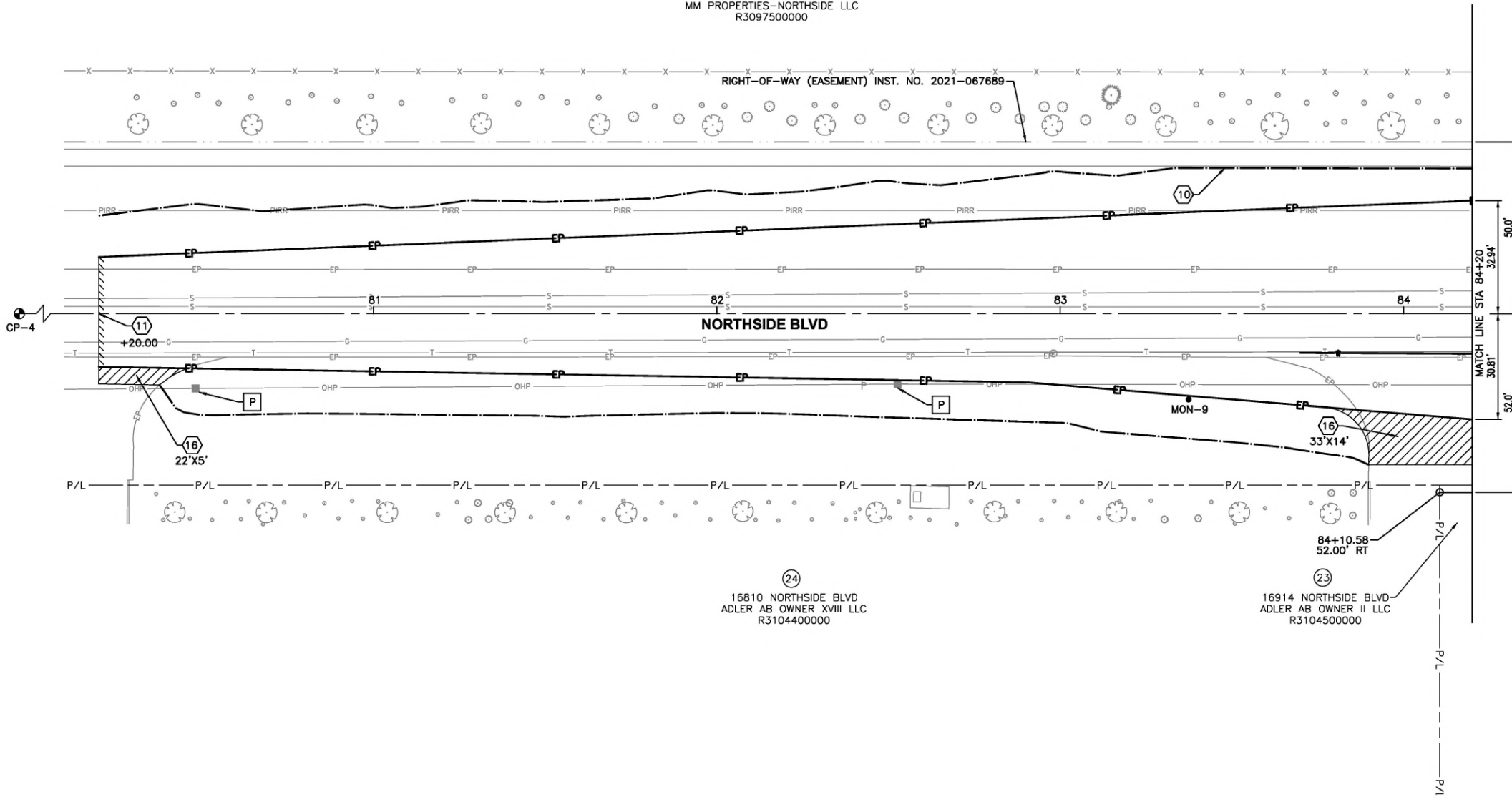
SEC 9, T3N, R2W



NOTES

- (10) PIN CUT SLOPE TO EXISTING SIDEWALK, STA 83+35 TO STA 84+59 (SLOPE DETAIL C), ITEM 202.4.1.A.1
- (11) SAW CUT EXISTING PAVEMENT, ITEM 202.4.1.A.1
- (16) ASPHALT REPAIR, ITEM SP 08120

(25)
16933 NORTHSIDE BLVD
MM PROPERTIES-NORTHSIDE LLC
R3097500000



(24)
16810 NORTHSIDE BLVD
ADLER AB OWNER XVIII LLC
R3104400000

(23)
16914 NORTHSIDE BLVD
ADLER AB OWNER II LLC
R3104500000

SEC 10, T3N, R2W

UTILITIES

- (P) RELOCATE/ADJUST BY IDAHO POWER
- 1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.



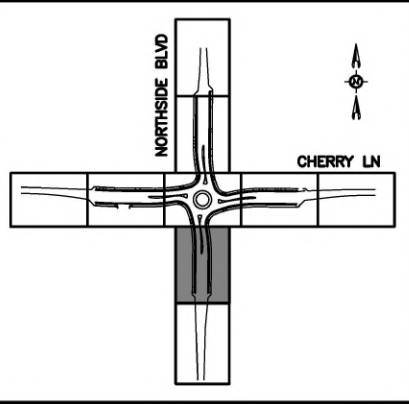
Six Mile Engineering

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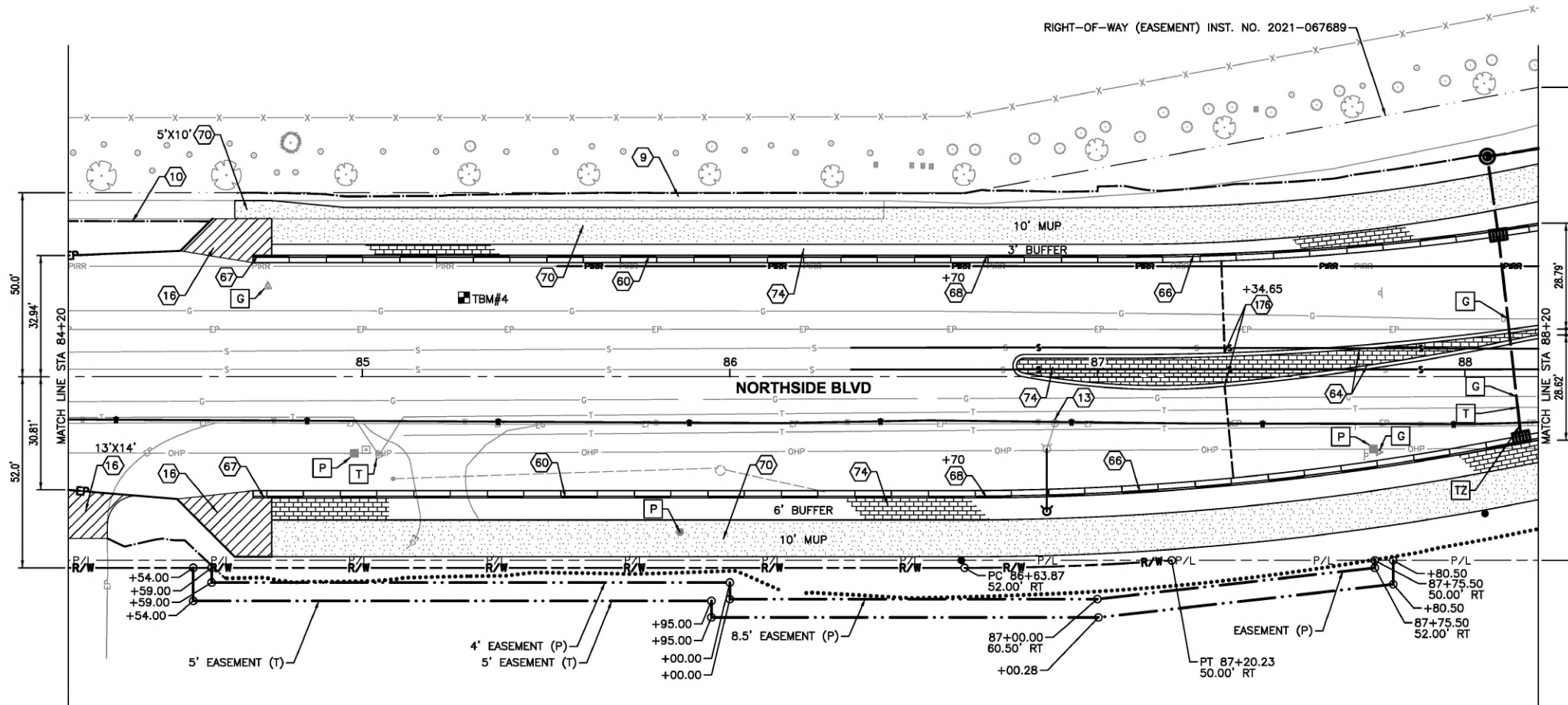
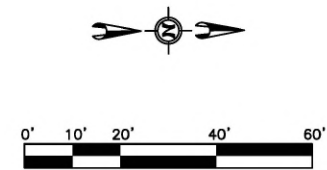
SHEET TITLE

PLAN



SEC 09, T3N, R2W

29
16933 NORTHSIDE BLVD
MM PROPERTIES-NORTHSIDE LLC
R3097500000



23
16914 NORTHSIDE BLVD
ADLER AB OWNER II LLC
R3104500000

SEC 10, T3N, R2W

NOTES

- 9 REDUCE CATCH SLOPE FROM 3:1 TO 2:1 STA 84+70.31 TO STA 86+70.00 LT
- 10 PIN CUT SLOPE TO EXISTING SIDEWALK, STA 83+35 TO STA 84+59 (SLOPE DETAIL C), ITEM 202.4.1.A.1
- 13 VALVE BOX, ADJUST TO GRADE, ITEM 2030.4.1.C.1
- 16 ASPHALT REPAIR, ITEM SP 08120
- 60 STANDARD 6-INCH VERTICAL CURB & GUTTER, ITEM 706.4.1.A.5
- 64 MOUNTABLE ROUNDABOUT CURB (NO GUTTER), SIZE 4-INCH (SPLITTER ISLAND), ITEM 706.4.1.A.9.B
- 66 MOUNTABLE ROUNDABOUT CURB & GUTTER, SIZE 6-INCH, ITEM 706.4.1.A.11
- 67 5' CURB TERMINUS, ITEM 706.4.1.A.5
- 68 2' CURB TRANSITION FROM STANDARD 6-INCH VERTICAL CURB & GUTTER TO MOUNTABLE ROUNDABOUT CURB & GUTTER, SIZE 6-INCH, ITEM 706.4.1.A.5
- 70 CONCRETE SIDEWALK, THICKNESS 5-INCH, ITEM 706.4.1.E.1
- 74 COLORED AND PATTERNED CONCRETE, ITEM SP 07013
- 179 LIMITS OF CONCRETE PAVING.

UTILITIES

- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - P RELOCATE/ADJUST BY IDAHO POWER
 - T RELOCATE/ADJUST BY LUMEN
 - TZ RELOCATE/ADJUST BY ZAYO
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

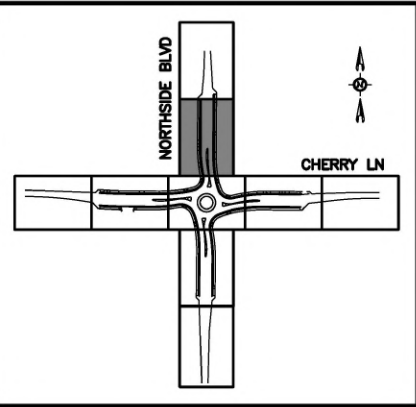


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Revisions: _____

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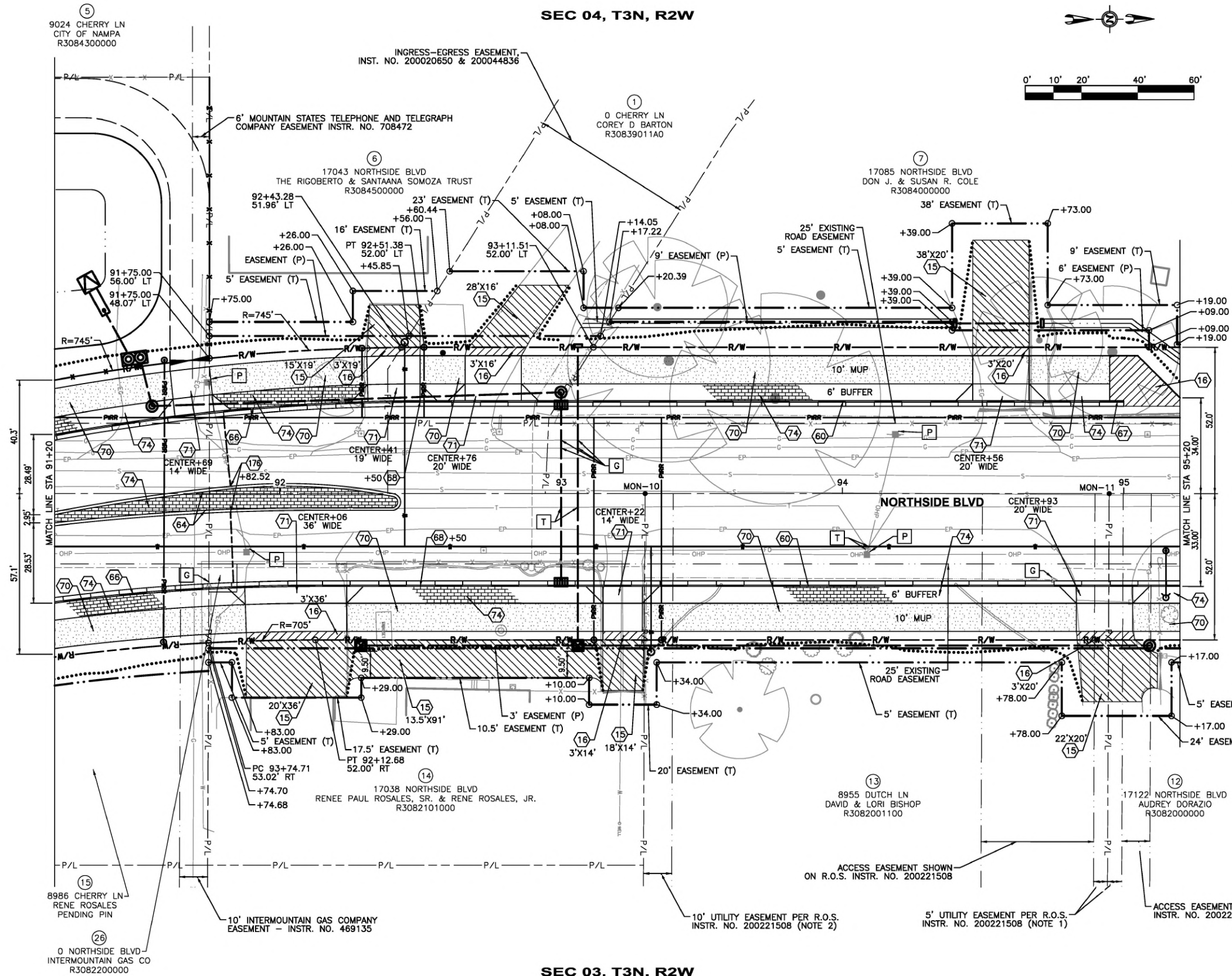
SHEET TITLE
PLAN



NOTES

- 15 GRAVEL REPAIR, ITEM SP 02020
- 16 ASPHALT REPAIR, ITEM SP 08120
- 60 STANDARD 6-INCH VERTICAL CURB & GUTTER, ITEM 706.4.1.A.5
- 64 MOUNTABLE ROUNDABOUT CURB (NO GUTTER), SIZE 4-INCH (SPLITTER ISLAND), ITEM 706.4.1.A.9.B
- 66 MOUNTABLE ROUNDABOUT CURB & GUTTER, SIZE 6-INCH, ITEM 706.4.1.A.11
- 67 5' CURB TERMINUS, ITEM 706.4.1.A.5
- 68 2' CURB TRANSITION FROM STANDARD 6-INCH VERTICAL CURB & GUTTER TO MOUNTABLE ROUNDABOUT CURB & GUTTER, SIZE 6-INCH, ITEM 706.4.1.A.5
- 70 CONCRETE SIDEWALK, THICKNESS 5-INCH, ITEM 706.4.1.E.1
- 71 CONCRETE DRIVEWAY APPROACH, SD-710, ITEM 706.4.1.F.1
- 74 COLORED AND PATTERNED CONCRETE, ITEM SP 07013
- 176 LIMITS OF CONCRETE PAVING.

SEC 04, T3N, R2W



UTILITIES

- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - P RELOCATE/ADJUST BY IDAHO POWER
 - T RELOCATE/ADJUST BY LUMEN
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

SEC 03, T3N, R2W



SIX MILE Engineering

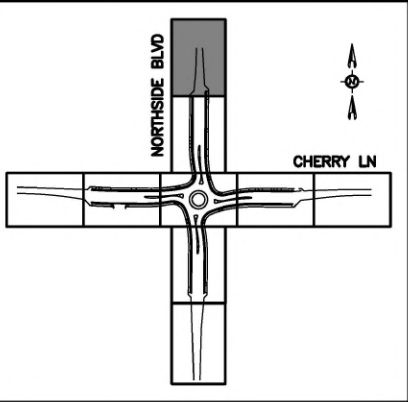
Revisions:

SIGNATURES

SHEET TITLE

PLAN

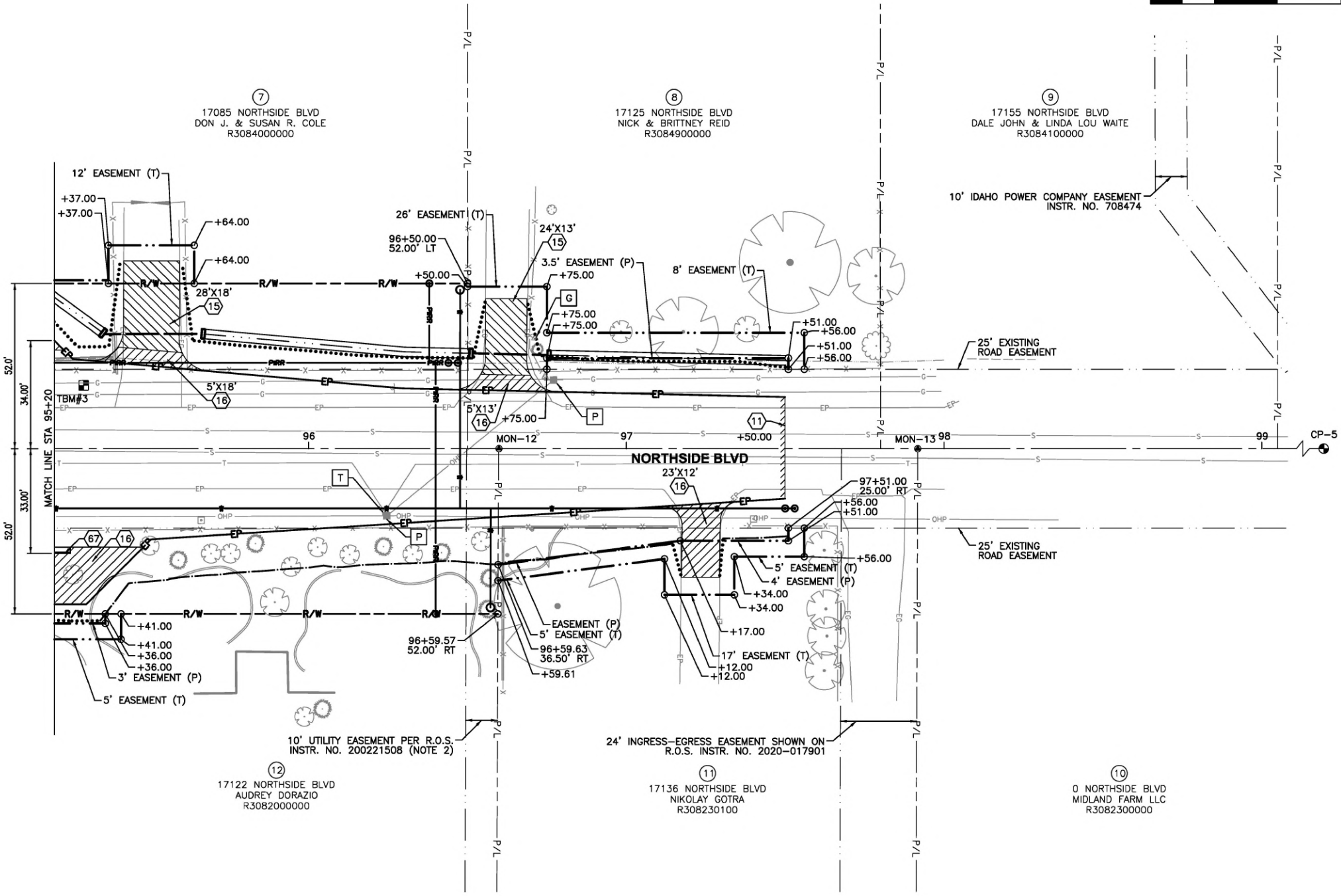
Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24



SEC 04, T3N, R2W

NOTES

- 11 SAW CUT EXISTING PAVEMENT, ITEM 202.4.1.A.1
- 15 GRAVEL REPAIR, ITEM SP 02020
- 16 ASPHALT REPAIR, ITEM SP 08120
- 67 5' CURB TERMINUS, ITEM 706.4.1.A.5



SEC 03, T3N, R2W

UTILITIES

- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - P RELOCATE/ADJUST BY IDAHO POWER
 - T RELOCATE/ADJUST BY LUMEN
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

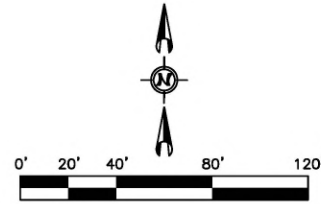
PROFESSIONAL ENGINEER
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 15633
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 AUGUST 22, 2024
 JENNIFER E. HUBER

Six Mile Engineering

Revisions:

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 Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

SHEET TITLE
PLAN



NORTHWEST QUADRANT TBC CURVE INFORMATION

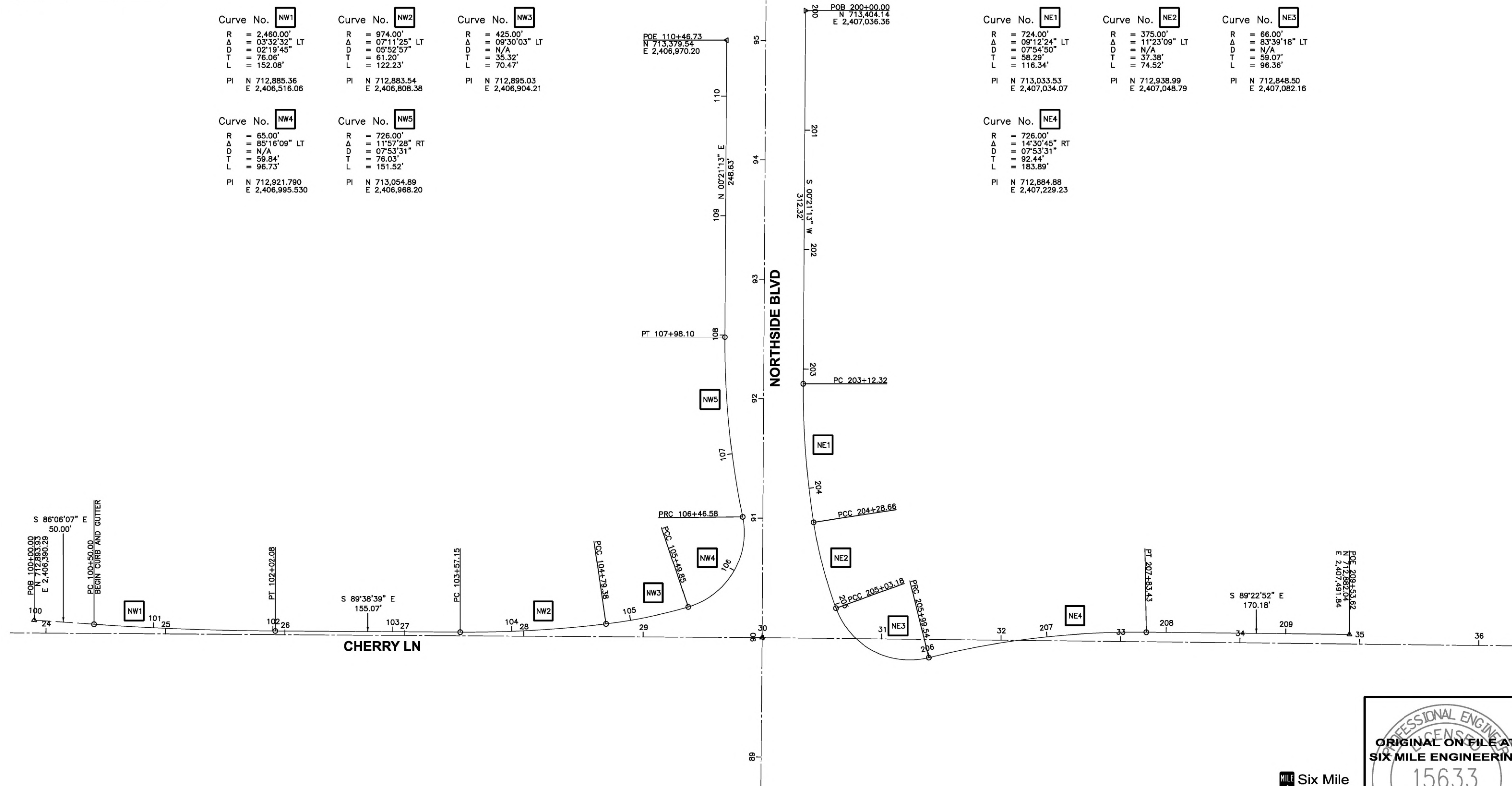
| Curve No. | NW1 | NW2 | NW3 |
|-----------|--------------------------------|--------------------------------|--------------------------------|
| R | 2,460.00' | 974.00' | 425.00' |
| Δ | 03°32'32" LT | 07°11'25" LT | 09°30'03" LT |
| D | 02°19'45" | 05°52'57" | N/A |
| T | 76.06' | 61.20' | 35.32' |
| L | 152.08' | 122.23' | 70.47' |
| PI | N 712,885.36 E 2,406,516.06 | N 712,883.54 E 2,406,808.38 | N 712,895.03 E 2,406,904.21 |

| Curve No. | NW4 | NW5 |
|-----------|----------------------------------|--------------------------------|
| R | 65.00' | 726.00' |
| Δ | 85°16'09" LT | 11°57'28" RT |
| D | N/A | 07°53'31" |
| T | 58.84' | 78.03' |
| L | 96.73' | 151.52' |
| PI | N 712,921.790 E 2,406,995.530 | N 713,054.89 E 2,406,968.20 |

NORTHEAST QUADRANT TBC CURVE INFORMATION

| Curve No. | NE1 | NE2 | NE3 |
|-----------|--------------------------------|--------------------------------|--------------------------------|
| R | 724.00' | 375.00' | 66.00' |
| Δ | 09°12'24" LT | 11°23'09" LT | 83°39'18" LT |
| D | 07°54'50" | N/A | N/A |
| T | 58.29' | 37.38' | 59.07' |
| L | 116.34' | 74.52' | 96.36' |
| PI | N 713,033.53 E 2,407,034.07 | N 712,938.99 E 2,407,048.79 | N 712,848.50 E 2,407,082.16 |

| Curve No. | NE4 |
|-----------|--------------------------------|
| R | 726.00' |
| Δ | 14°30'45" RT |
| D | 07°53'31" |
| T | 92.44' |
| L | 183.89' |
| PI | N 712,884.88 E 2,407,229.23 |



Revisions:

| No. | Description |
|-----|-------------|
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SIGNATURES

| Design By: | Date: | Drawn By: | Date: |
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| SIX MILE ENGINEERING, PA | 08/24 | SIX MILE ENGINEERING, PA | 08/24 |

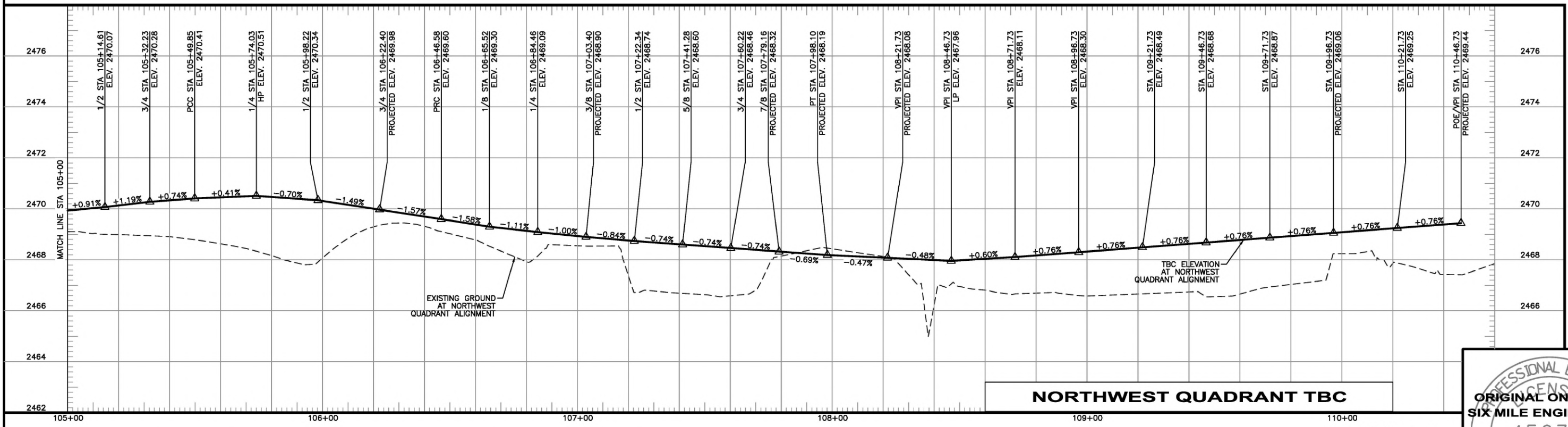
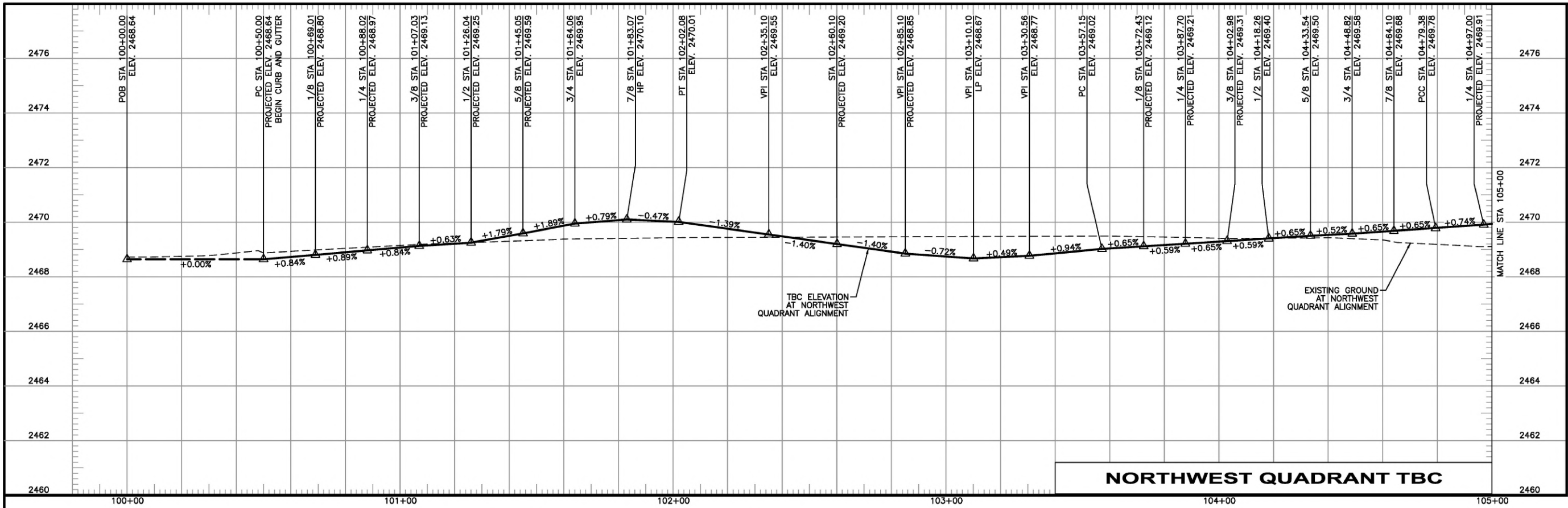
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PROFESSIONAL ENGINEER
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15633
ORIGINAL SIGNED
AUGUST 22, 2024
JENNIFER E. HUBER

NOTES

1. HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



Revisions:

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• SIGNATURES •

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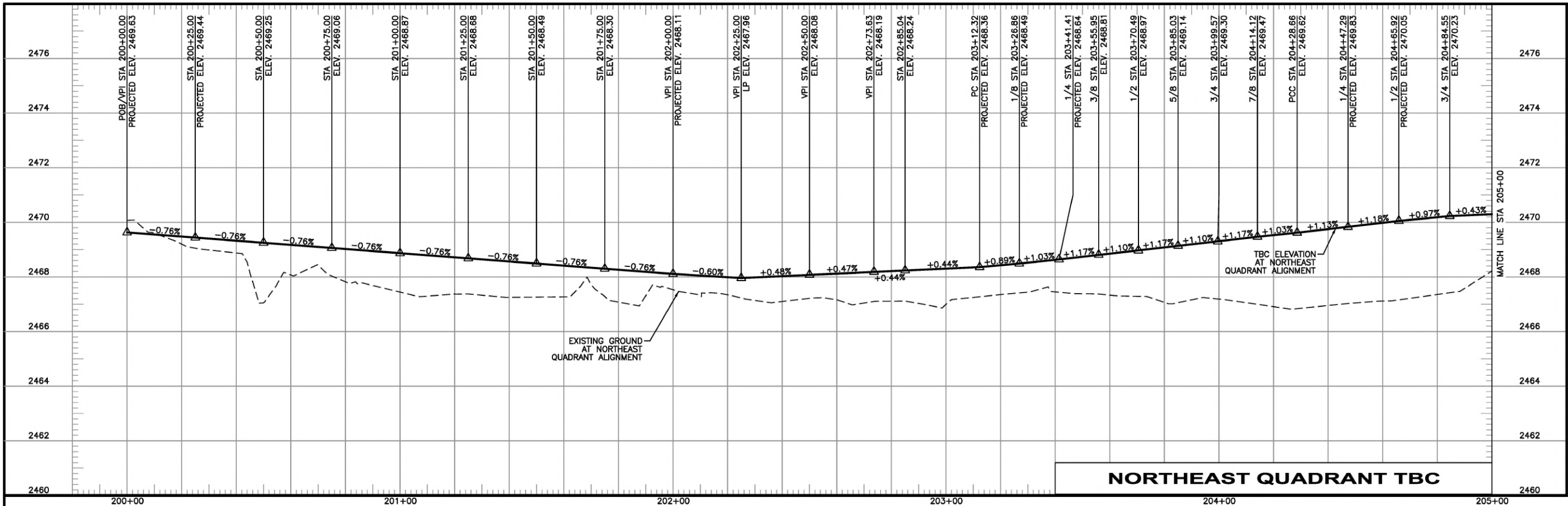
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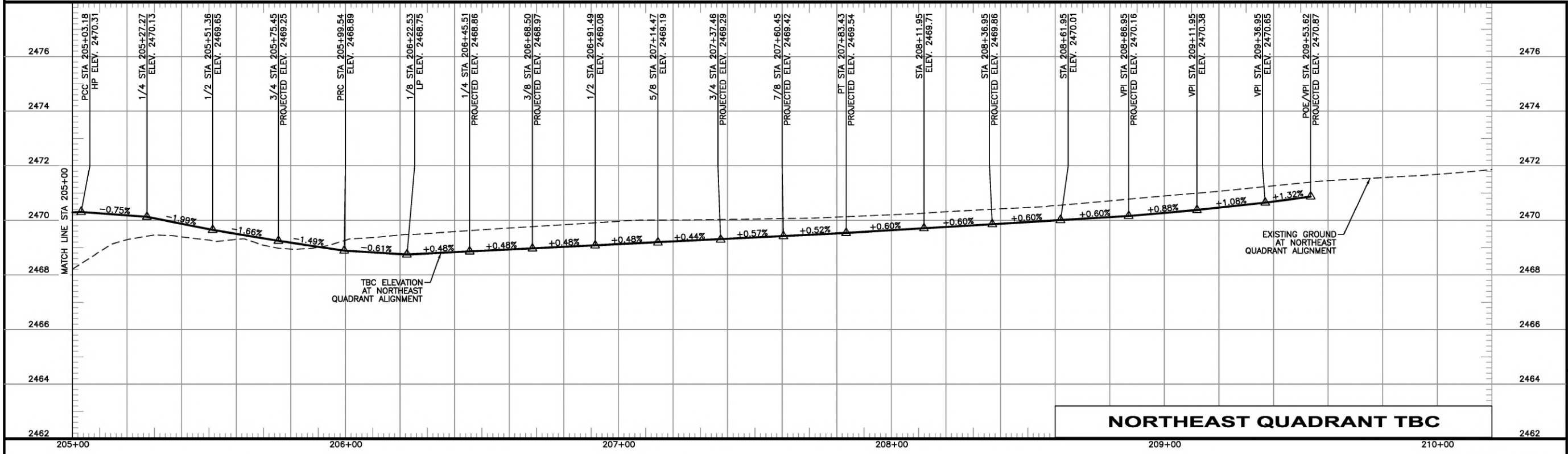
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JENNIFER E. HUBBARD
15633
ORIGINAL SIGNED
AUGUST 22, 2024
ORIGINAL ON FILE AT
SIX MILE ENGINEERING

NOTES

- 1. HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



NORTHEAST QUADRANT TBC



NORTHEAST QUADRANT TBC

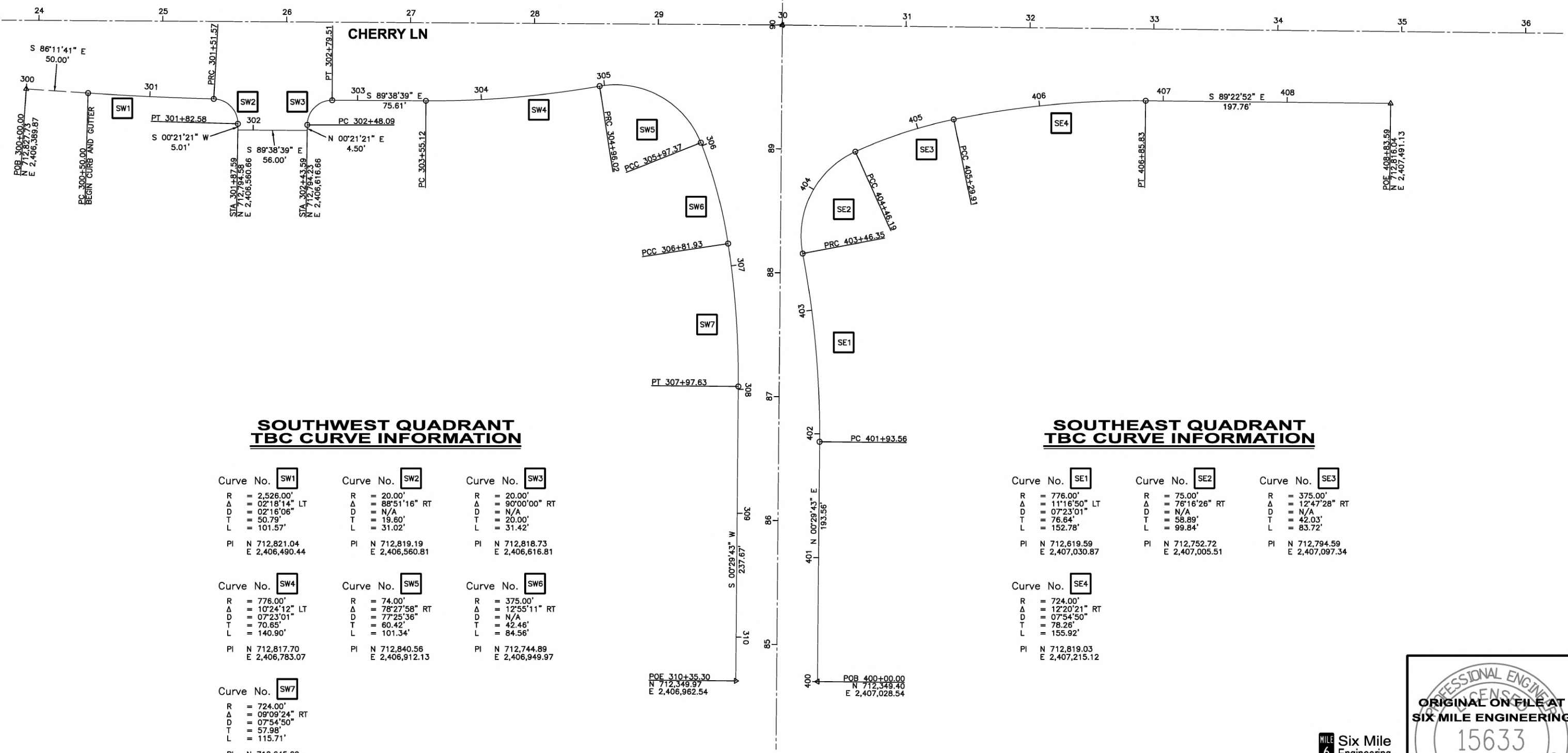
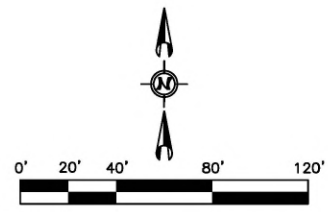
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GRADING - TBC PROFILE





**SOUTHWEST QUADRANT
TBC CURVE INFORMATION**

| Curve No. | SW1 | SW2 | SW3 | SW4 | SW5 | SW6 | SW7 |
|-----------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| R | = 2,526.00' | = 20.00' | = 20.00' | = 776.00' | = 74.00' | = 375.00' | = 724.00' |
| Δ | = 02°18'14" LT | = 88°51'16" RT | = 90°00'00" RT | = 10°24'12" LT | = 78°27'58" RT | = 12°55'11" RT | = 09°09'24" RT |
| D | = 02°16'06" | = N/A | = N/A | = 07°23'01" | = 77°25'36" | = N/A | = 07°54'50" |
| T | = 50.79' | = 19.60' | = 20.00' | = 70.85' | = 60.42' | = 42.46' | = 57.98' |
| L | = 101.57' | = 31.02' | = 31.42' | = 140.90' | = 101.34' | = 84.56' | = 115.71' |
| PI | N 712,821.04 E 2,406,490.44 | N 712,819.19 E 2,406,560.81 | N 712,818.73 E 2,406,616.81 | N 712,817.70 E 2,406,783.07 | N 712,840.56 E 2,406,912.13 | N 712,744.89 E 2,406,949.97 | N 712,645.60 E 2,406,965.10 |

**SOUTHEAST QUADRANT
TBC CURVE INFORMATION**

| Curve No. | SE1 | SE2 | SE3 | SE4 |
|-----------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| R | = 776.00' | = 75.00' | = 375.00' | = 724.00' |
| Δ | = 11°16'50" LT | = 76°16'26" RT | = 12°47'28" RT | = 12°20'21" RT |
| D | = 07°23'01" | = N/A | = N/A | = 07°54'50" |
| T | = 76.64' | = 58.89' | = 42.03' | = 78.26' |
| L | = 152.78' | = 99.84' | = 83.72' | = 155.92' |
| PI | N 712,619.59 E 2,407,030.87 | N 712,752.72 E 2,407,005.51 | N 712,794.59 E 2,407,097.34 | N 712,819.03 E 2,407,215.12 |

Revisions:

SIGNATURES

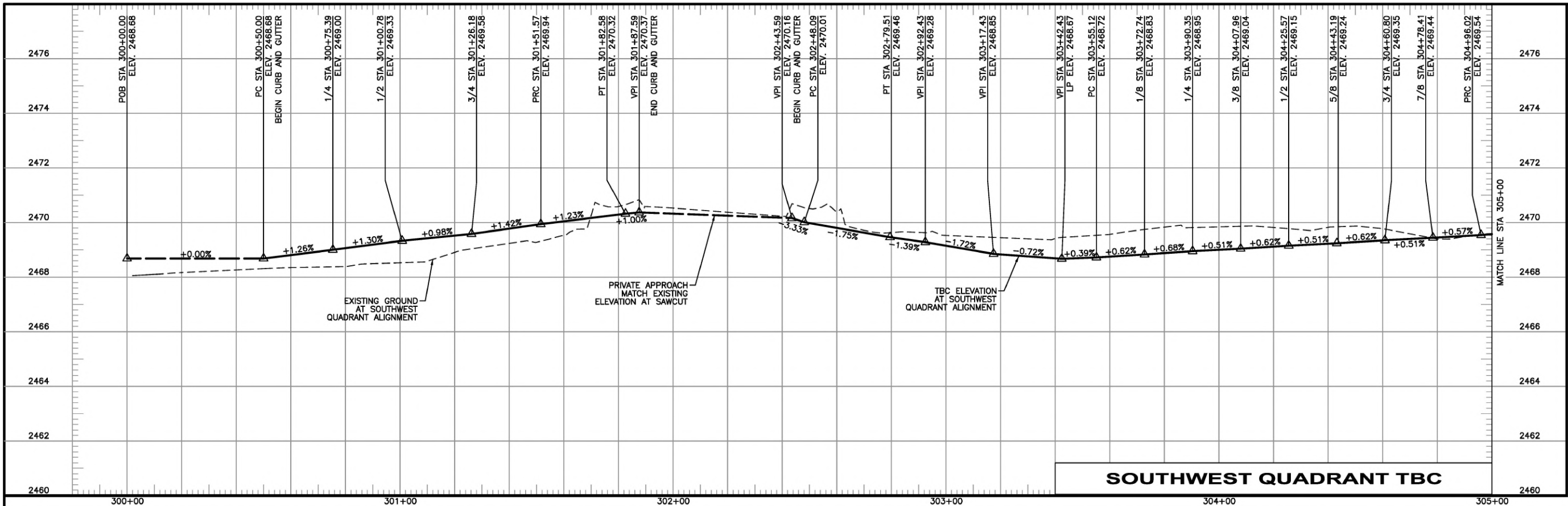
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GRADING - TBC PLAN

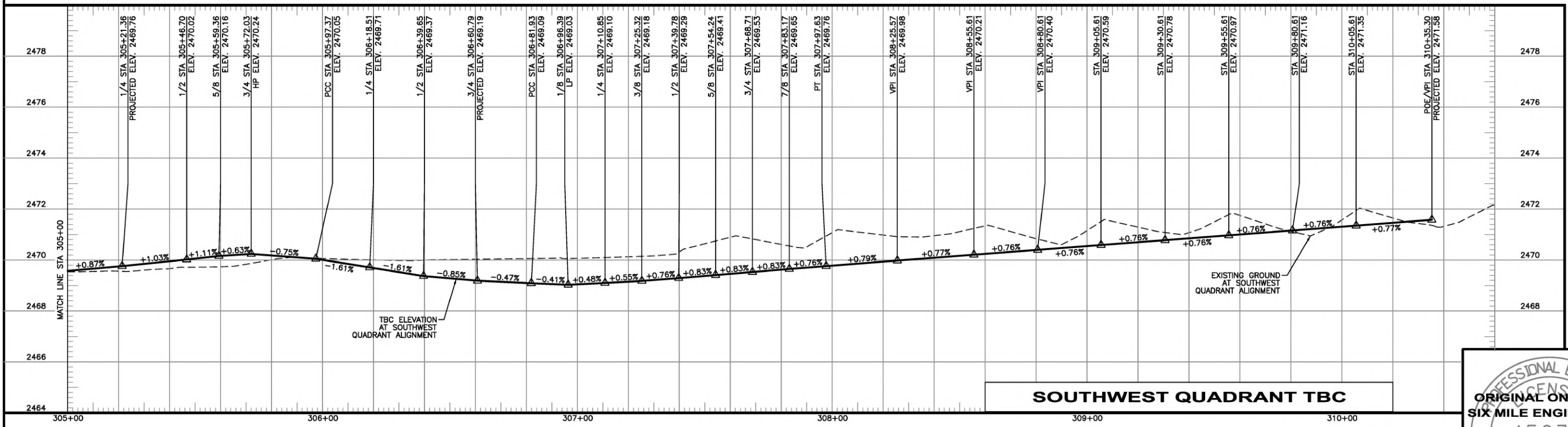
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15633
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AUGUST 22, 2024
JENNIFER E. HUBER



NOTES
 1. HORIZONTAL SCALE: 1" = 40'
 VERTICAL SCALE: 1" = 4'



| Revisions: | SIGNATURES |
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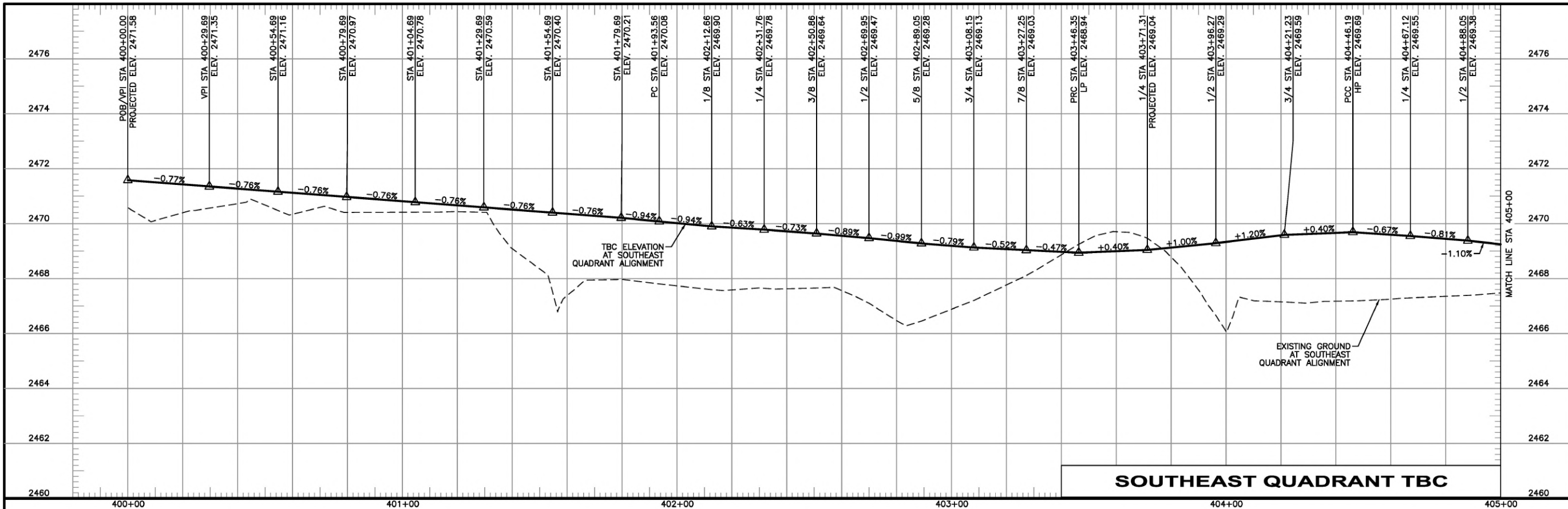
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| Design By: SIX MILE ENGINEERING, PA | Date: 08/24 | Drawn By: SIX MILE ENGINEERING, PA | Date: 08/24 |
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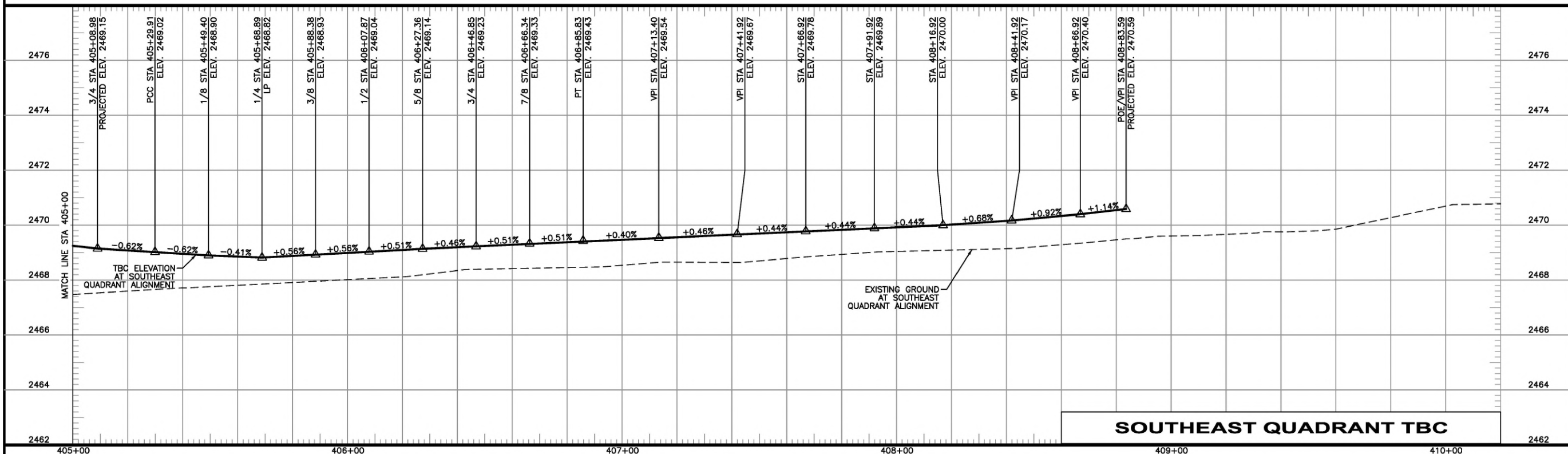
GRADING - TBC PROFILE

NOTES

- 1. HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



SOUTHEAST QUADRANT TBC



SOUTHEAST QUADRANT TBC

Revisions:

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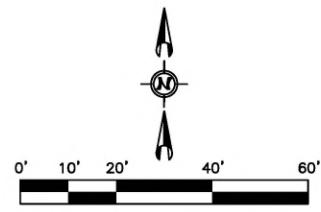
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 JENNIFER E. HUBB



**WEST SPLITTER ISLAND
TBC CURVE INFORMATION**

| | | |
|---|---|--|
| <p>Curve No. WSI1</p> <p>R = 1,077.00'</p> <p>Δ = 09°53'49" LT</p> <p>D = 05°19'12"</p> <p>T = 93.25'</p> <p>L = 186.03'</p> <p>PI N 712,855.34 E 2,406,840.26</p> | <p>Curve No. WSI2</p> <p>R = 3.00'</p> <p>Δ = 118°28'23" RT</p> <p>D = N/A</p> <p>T = 5.04'</p> <p>L = 6.20'</p> <p>PI N 712,871.63 E 2,406,937.19</p> | <p>Curve No. WSI3</p> <p>R = 69.00'</p> <p>Δ = 22°18'48" LT</p> <p>D = N/A</p> <p>T = 13.61'</p> <p>L = 26.87'</p> <p>PI N 712,854.00 E 2,406,931.14</p> |
| <p>Curve No. WSI4</p> <p>R = 1.00'</p> <p>Δ = 131°08'33" RT</p> <p>D = N/A</p> <p>T = 2.20'</p> <p>L = 2.29'</p> <p>PI N 712,838.21 E 2,406,932.07</p> | <p>Curve No. WSI5</p> <p>R = 98.00'</p> <p>Δ = 48°11'09" LT</p> <p>D = N/A</p> <p>T = 43.82'</p> <p>L = 82.42'</p> <p>PI N 712,866.40 E 2,406,895.69</p> | <p>Curve No. WSI6</p> <p>R = 748.00'</p> <p>Δ = 05°50'25" RT</p> <p>D = N/A</p> <p>T = 38.16'</p> <p>L = 76.24'</p> <p>PI N 712,851.56 E 2,406,815.06</p> |
| <p>Curve No. WSI7</p> <p>R = 200.00'</p> <p>Δ = 16°25'29" RT</p> <p>D = N/A</p> <p>T = 28.86'</p> <p>L = 57.33'</p> <p>PI N 712,846.21 E 2,406,748.26</p> | <p>Curve No. WSI8</p> <p>R = 2.00'</p> <p>Δ = 168°30'56" RT</p> <p>D = N/A</p> <p>T = 19.89'</p> <p>L = 5.88'</p> <p>PI N 712,856.21 E 2,406,700.54</p> | |

**CENTER ISLAND TBC
CURVE INFORMATION**

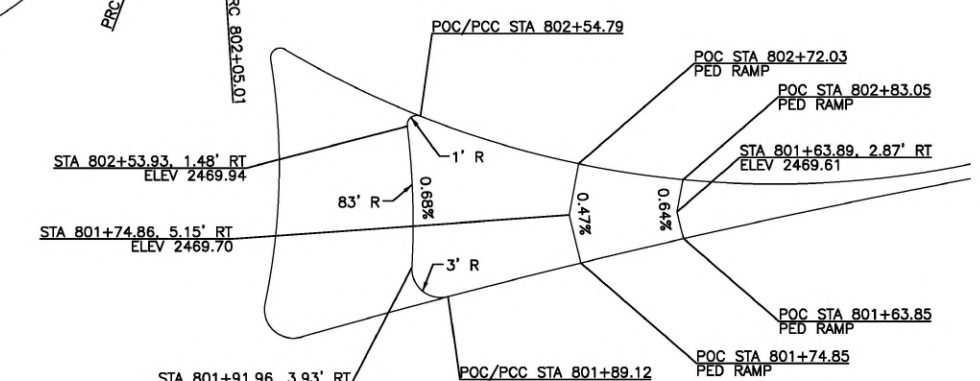
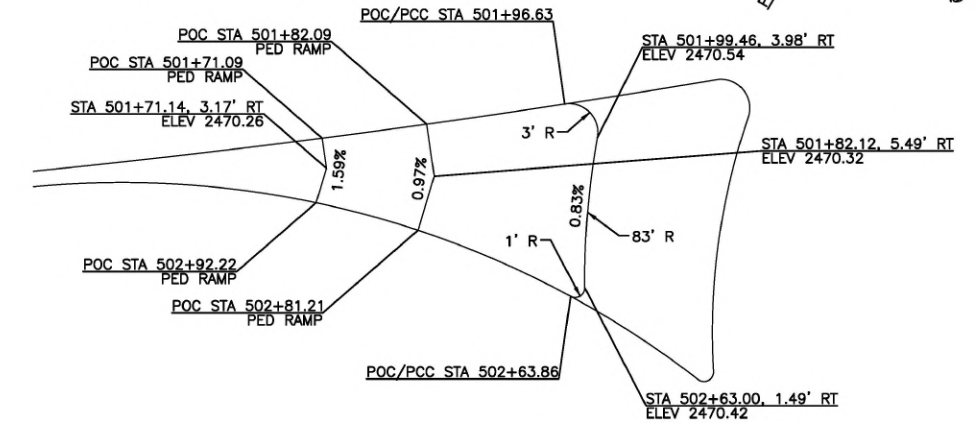
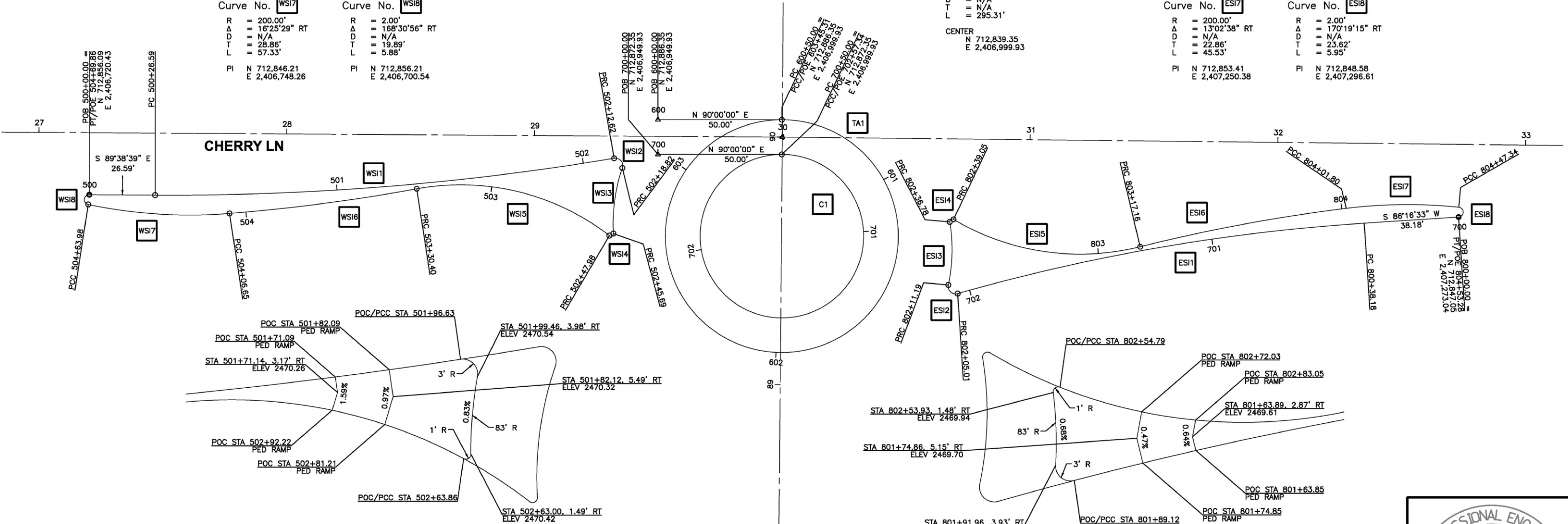
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| <p>Curve No. C1</p> <p>R = 33.00'</p> <p>Δ = 360°00'00" RT</p> <p>D = N/A</p> <p>T = N/A</p> <p>L = 207.35'</p> <p>CENTER N 712,839.35 E 2,406,999.93</p> |
|--|

**EAST SPLITTER ISLAND
TBC CURVE INFORMATION**

| | | |
|---|--|--|
| <p>Curve No. ESI1</p> <p>R = 783.00'</p> <p>Δ = 12°12'29" LT</p> <p>D = 07°19'03"</p> <p>T = 83.73'</p> <p>L = 166.83'</p> <p>PI N 712,839.13 E 2,407,151.39</p> | <p>Curve No. ESI2</p> <p>R = 3.00'</p> <p>Δ = 117°53'07" RT</p> <p>D = N/A</p> <p>T = 4.98'</p> <p>L = 6.17'</p> <p>PI N 712,814.78 E 2,407,066.08</p> | <p>Curve No. ESI3</p> <p>R = 69.00'</p> <p>Δ = 21°15'18" LT</p> <p>D = N/A</p> <p>T = 12.95'</p> <p>L = 25.60'</p> <p>PI N 712,832.32 E 2,407,069.79</p> |
| <p>Curve No. ESI4</p> <p>R = 1.00'</p> <p>Δ = 130°00'54" RT</p> <p>D = N/A</p> <p>T = 2.15'</p> <p>L = 2.27'</p> <p>PI N 712,847.21 E 2,407,067.35</p> | <p>Curve No. ESI5</p> <p>R = 100.00'</p> <p>Δ = 44°45'02" LT</p> <p>D = N/A</p> <p>T = 41.17'</p> <p>L = 78.10'</p> <p>PI N 712,825.09 E 2,407,104.59</p> | <p>Curve No. ESI6</p> <p>R = 698.00'</p> <p>Δ = 06°56'54" RT</p> <p>D = N/A</p> <p>T = 42.38'</p> <p>L = 84.65'</p> <p>PI N 712,845.36 E 2,407,185.64</p> |
| <p>Curve No. ESI7</p> <p>R = 200.00'</p> <p>Δ = 13°02'38" RT</p> <p>D = N/A</p> <p>T = 22.86'</p> <p>L = 45.53'</p> <p>PI N 712,853.41 E 2,407,250.38</p> | <p>Curve No. ESI8</p> <p>R = 2.00'</p> <p>Δ = 170°19'15" RT</p> <p>D = N/A</p> <p>T = 23.82'</p> <p>L = 5.95'</p> <p>PI N 712,848.58 E 2,407,296.61</p> | |

**TRUCK APRON TBC
CURVE INFORMATION**

| |
|---|
| <p>Curve No. TA1</p> <p>R = 47.00'</p> <p>Δ = 360°00'00" RT</p> <p>D = N/A</p> <p>T = N/A</p> <p>L = 295.31'</p> <p>CENTER N 712,839.35 E 2,406,999.93</p> |
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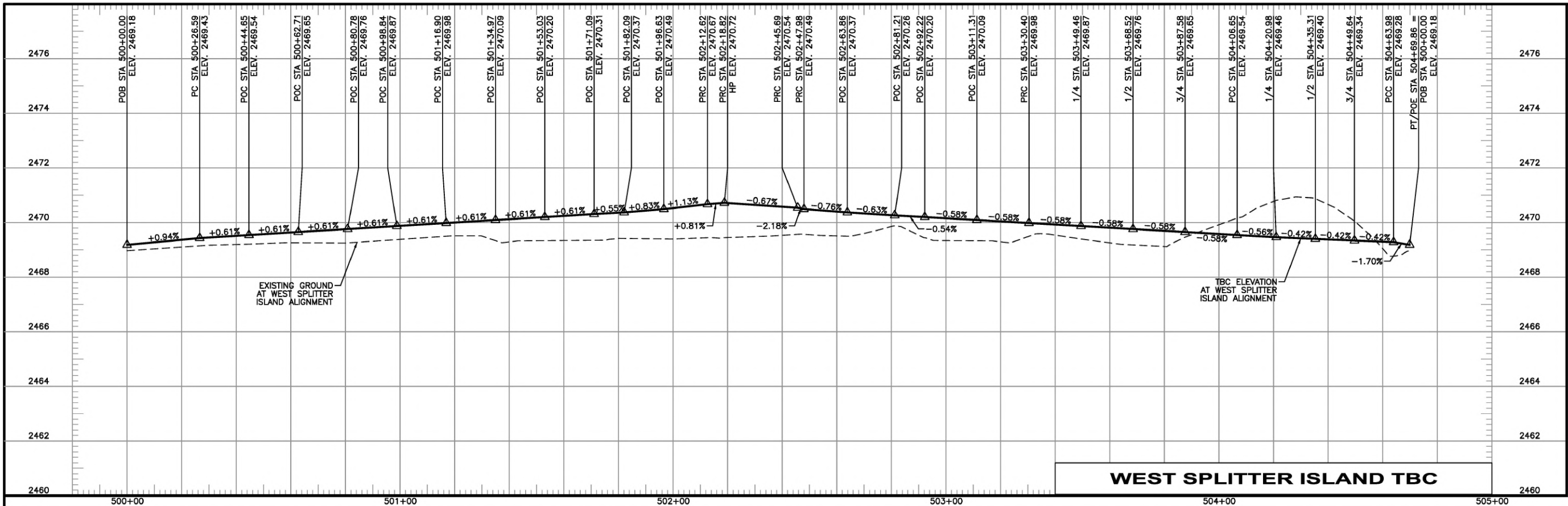
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Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

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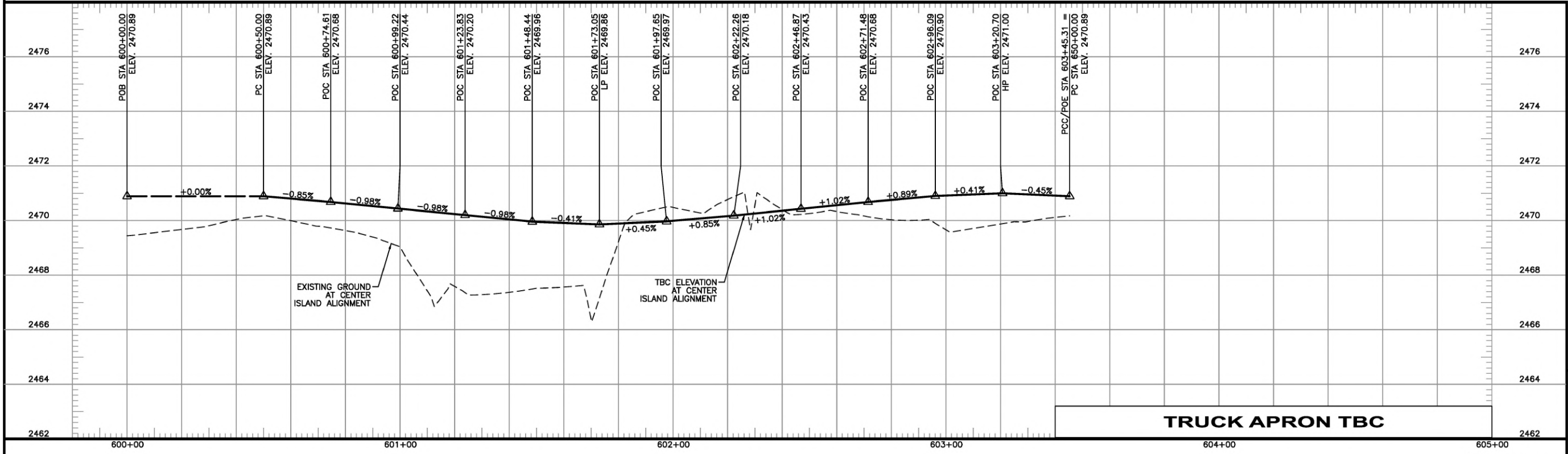
GRADING - TBC PLAN

PROFESSIONAL ENGINEER
SENIOR DESIGNER
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SIX MILE ENGINEERING
15633
ORIGINAL SIGNED
AUGUST 22, 2024
JENNIFER E. HUBER



NOTES

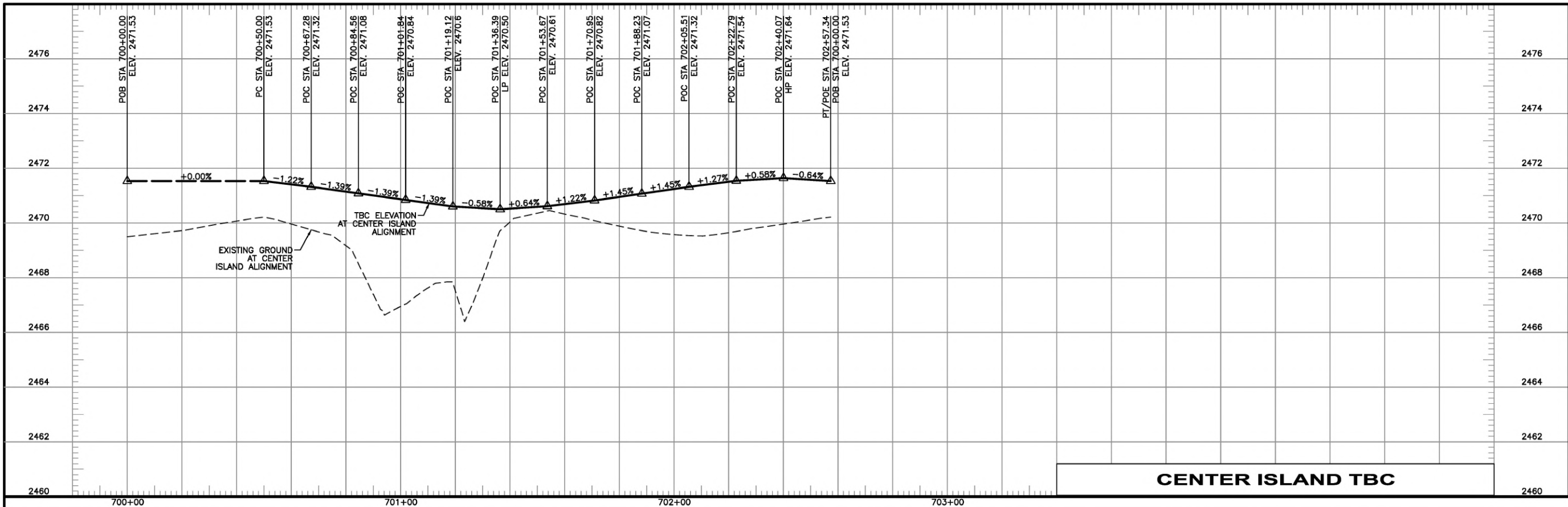
- 1. HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



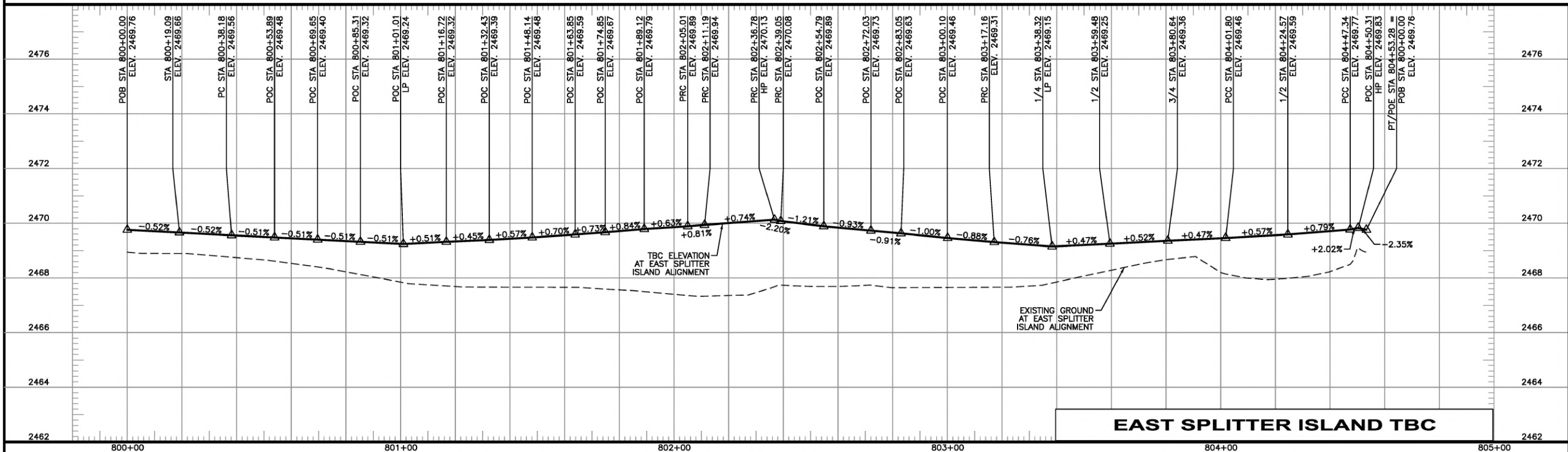
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 JENNIFER E. HUBB

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| | Design By: SIX MILE ENGINEERING, PA | Date: 08/24 |
| | Drawn By: SIX MILE ENGINEERING, PA | Date: 08/24 |

SHEET TITLE
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CENTER ISLAND TBC



EAST SPLITTER ISLAND TBC

NOTES

1. HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

Revisions:

SIGNATURES

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

SHEET TITLE

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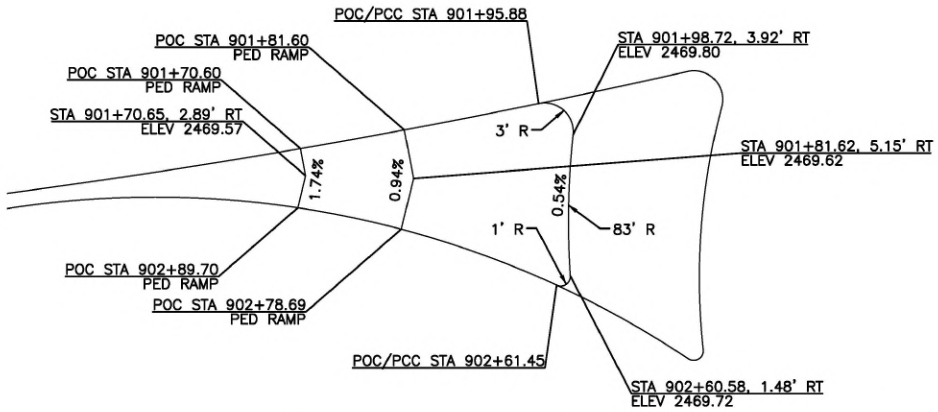
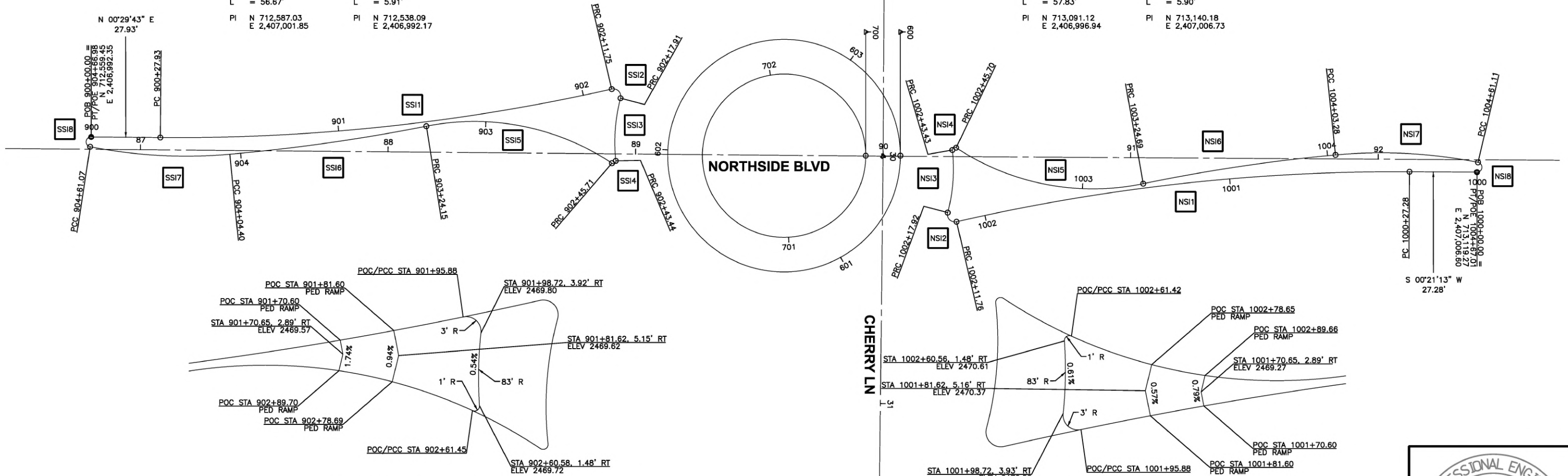


SOUTH SPLITTER ISLAND TBC CURVE INFORMATION

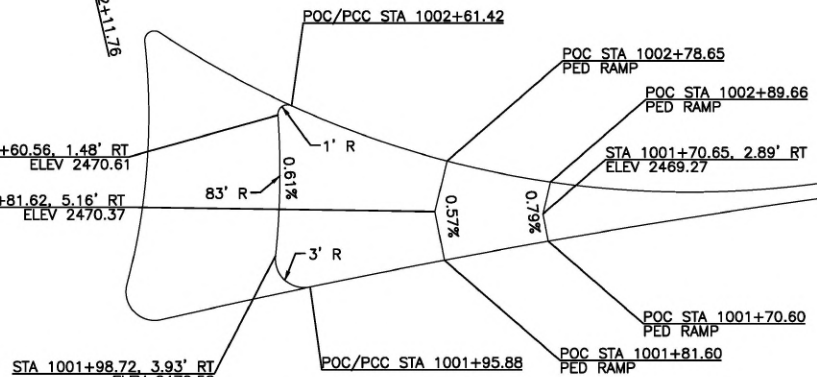
| | | |
|---|--|--|
| Curve No. SSI1 R = 795.00' Δ = 13°14'51" LT D = 07°12'25" T = 92.32' L = 183.82' PI N 712,679.70 E 2,406,993.39 | Curve No. SSI2 R = 3.00' Δ = 117°43'15" RT D = N/A T = 4.97' L = 6.16' PI N 712,774.59 E 2,406,971.92 | Curve No. SSI3 R = 69.00' Δ = 21°11'59" LT D = N/A T = 12.91' L = 25.53' PI N 712,769.97 E 2,406,989.19 |
| Curve No. SSI4 R = 1.00' Δ = 129°58'57" RT D = N/A T = 2.14' L = 2.27' PI N 712,771.60 E 2,407,004.16 | Curve No. SSI5 R = 100.00' Δ = 44°56'37" LT D = N/A T = 41.36' L = 78.44' PI N 712,735.43 E 2,406,979.98 | Curve No. SSI6 R = 748.00' Δ = 06°08'47" RT D = N/A T = 40.16' L = 80.24' PI N 712,655.46 E 2,406,995.81 |
| Curve No. SSI7 R = 200.00' Δ = 16°14'09" RT D = N/A T = 28.53' L = 56.67' PI N 712,587.03 E 2,407,001.85 | Curve No. SSI8 R = 2.00' Δ = 169°18'20" RT D = N/A T = 21.37' L = 5.91' PI N 712,538.09 E 2,406,992.17 | |

NORTH SPLITTER ISLAND TBC CURVE INFORMATION

| | | |
|---|--|--|
| Curve No. NSI1 R = 794.00' Δ = 13°18'44" LT D = 07°12'58" T = 92.66' L = 184.48' PI N 712,999.34 E 2,407,005.86 | Curve No. NSI2 R = 3.00' Δ = 117°45'21" RT D = N/A T = 4.97' L = 6.17' PI N 712,904.20 E 2,407,027.75 | Curve No. NSI3 R = 69.00' Δ = 21°10'45" LT D = N/A T = 12.90' L = 25.51' PI N 712,908.76 E 2,407,010.47 |
| Curve No. NSI4 R = 1.00' Δ = 129°54'18" RT D = N/A T = 2.14' L = 2.27' PI N 712,907.09 E 2,406,995.53 | Curve No. NSI5 R = 100.00' Δ = 45°15'40" LT D = N/A T = 41.89' L = 79.00' PI N 712,943.63 E 2,407,019.73 | Curve No. NSI6 R = 698.00' Δ = 06°27'04" RT D = N/A T = 39.34' L = 78.59' PI N 713,022.96 E 2,407,003.25 |
| Curve No. NSI7 R = 200.00' Δ = 16°33'57" RT D = N/A T = 29.12' L = 57.83' PI N 713,091.12 E 2,406,996.94 | Curve No. NSI8 R = 2.00' Δ = 169°04'28" RT D = N/A T = 20.91' L = 5.90' PI N 713,140.18 E 2,407,006.73 | |



SOUTH SPLITTER ISLAND DETAIL
NOT TO SCALE



NORTH SPLITTER ISLAND DETAIL
NOT TO SCALE

Revisions:

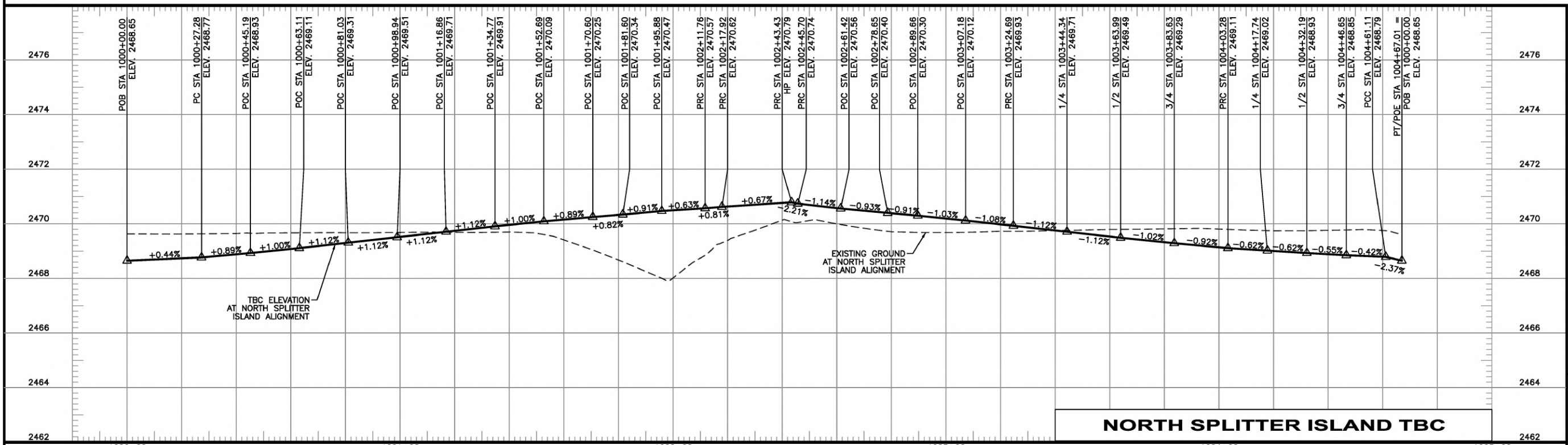
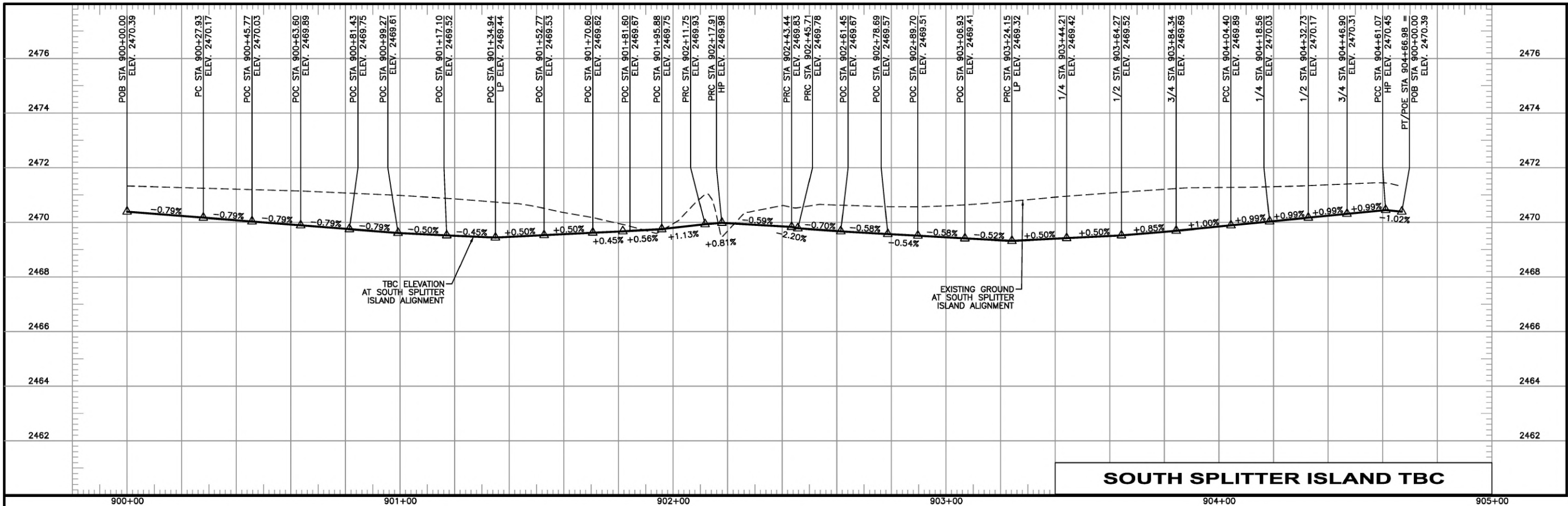
• SIGNATURES •

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

• SHEET TITLE •
GRADING - TBC PLAN

SIX MILE Engineering





NOTES

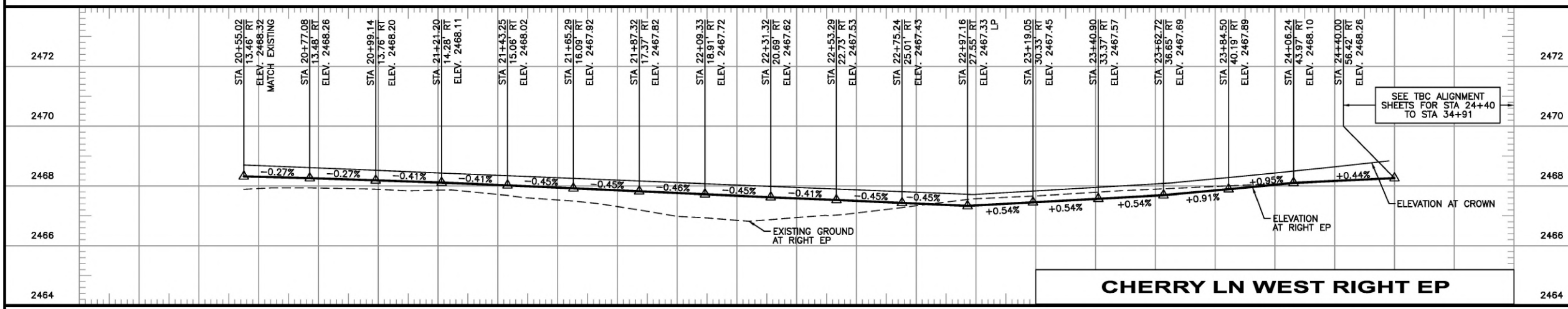
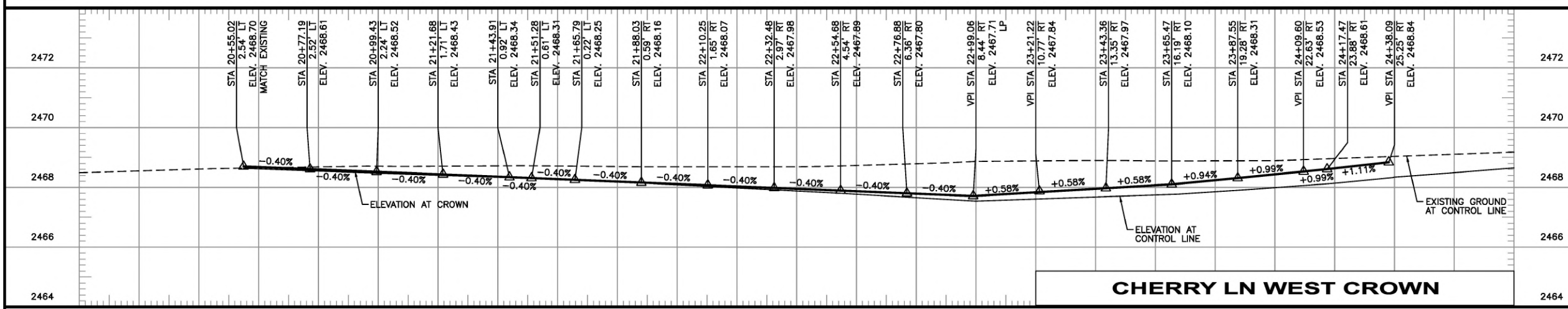
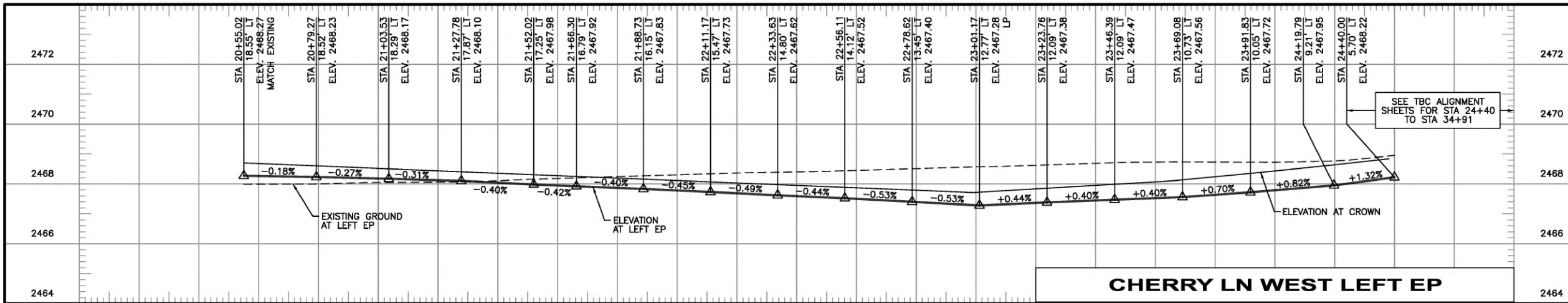
1. HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

| | | | | |
|------------|---|--|------------------------------|--|
| Revisions: | SIGNATURES | | SHEET TITLE | |
| | Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24 | | GRADING - TBC PROFILE | |



NOTES

- 1. HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



Revisions:

• S I G N A T U R E S •

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

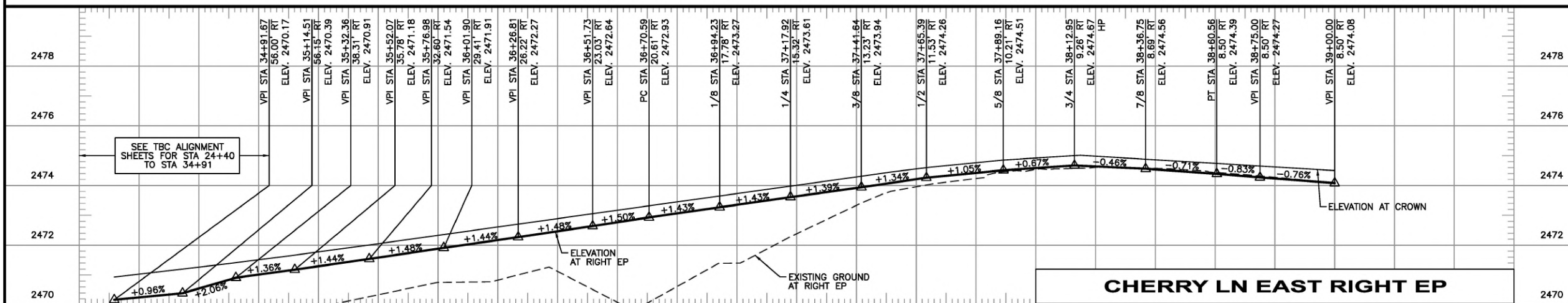
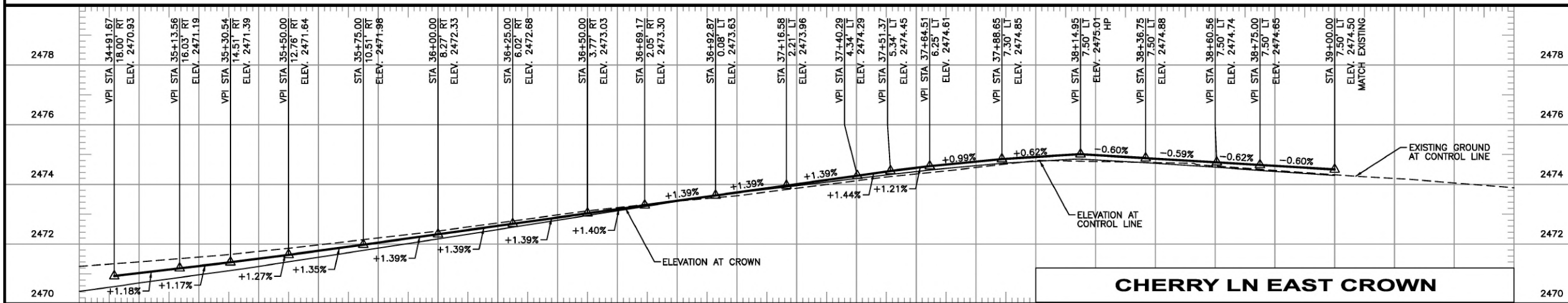
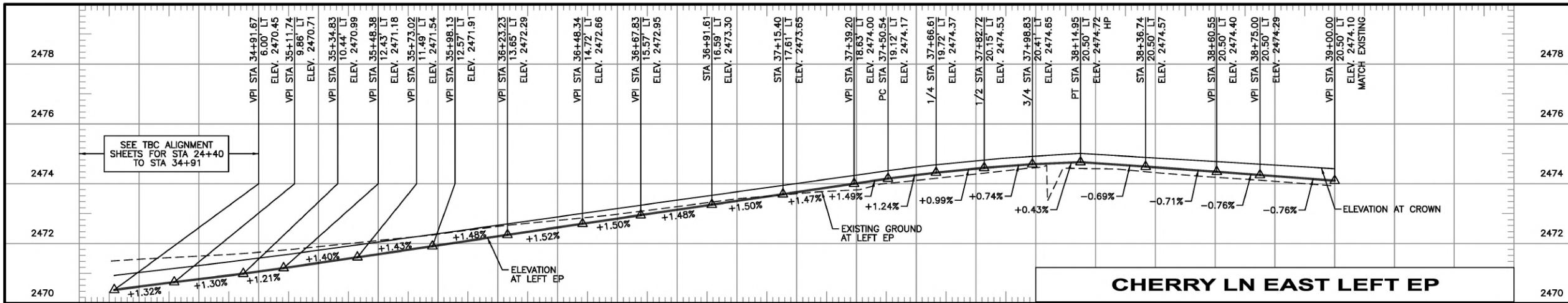
• S H E E T T I T L E •

GRADING - EP PROFILE



NOTES

- HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



Revisions: _____

• SIGNATURES •

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

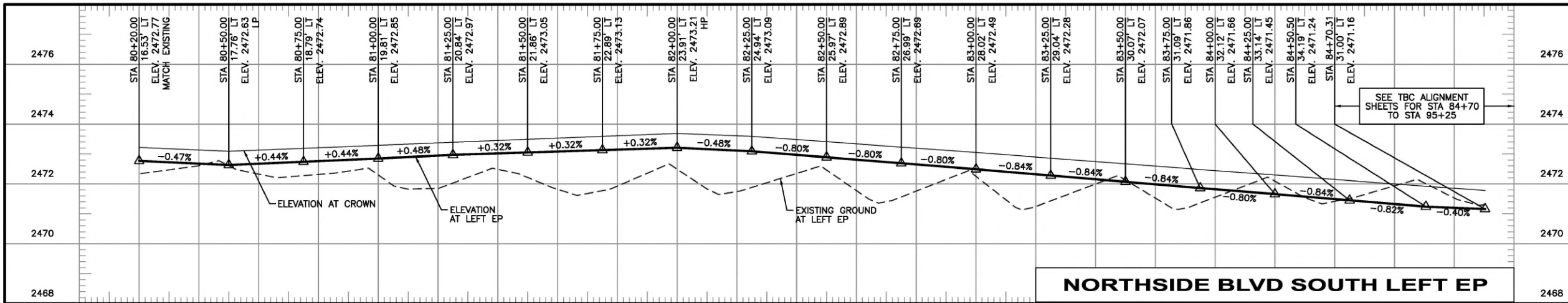
• SHEET TITLE •

GRADING - EP PROFILE

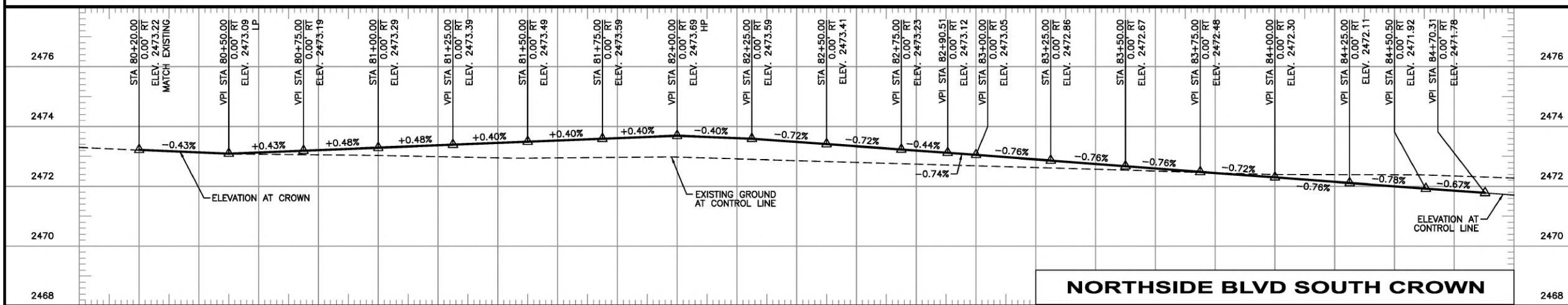


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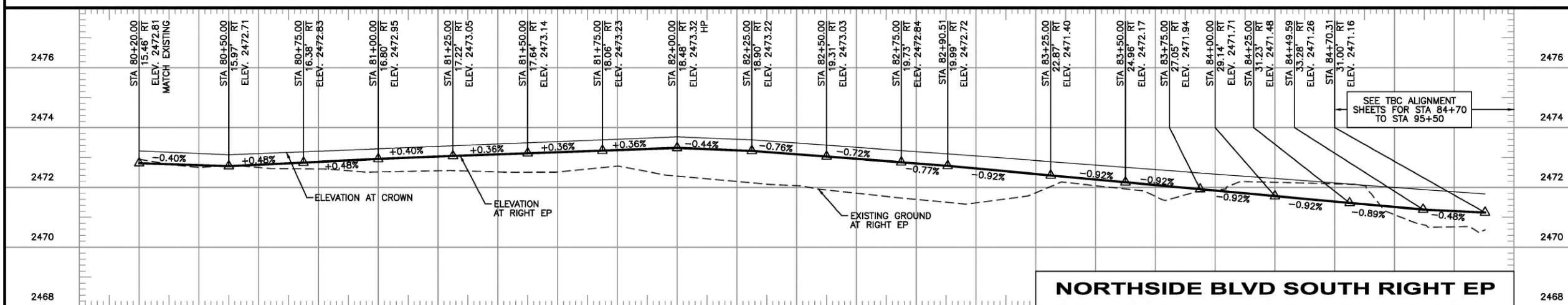
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VERTICAL SCALE: 1" = 4'



NORTHSIDE BLVD SOUTH LEFT EP



NORTHSIDE BLVD SOUTH CROWN



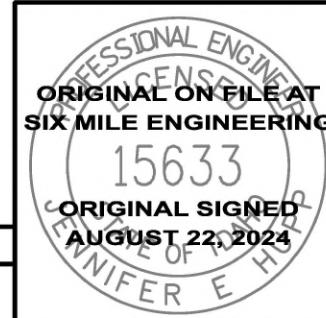
NORTHSIDE BLVD SOUTH RIGHT EP

Revisions:

• SIGNATURES •

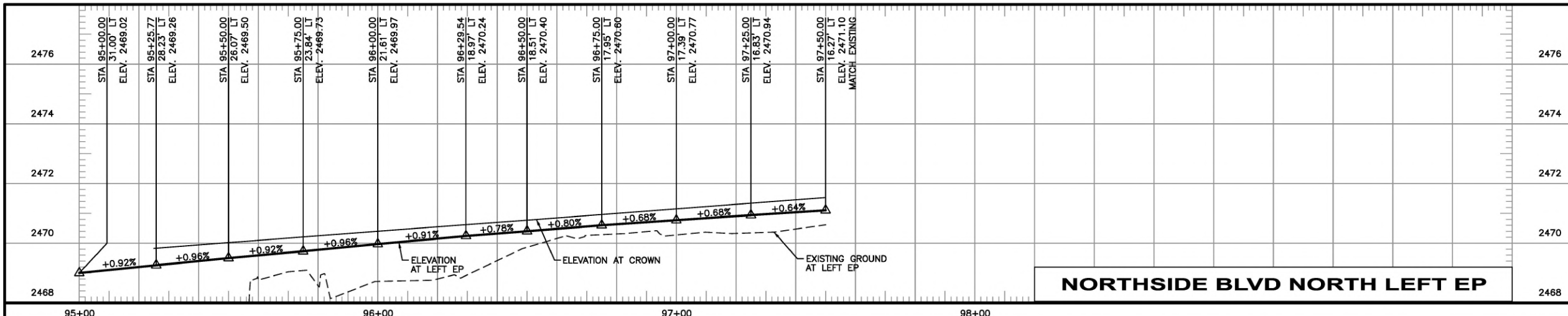
Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

• SHEET TITLE •
GRADING - EP PROFILE

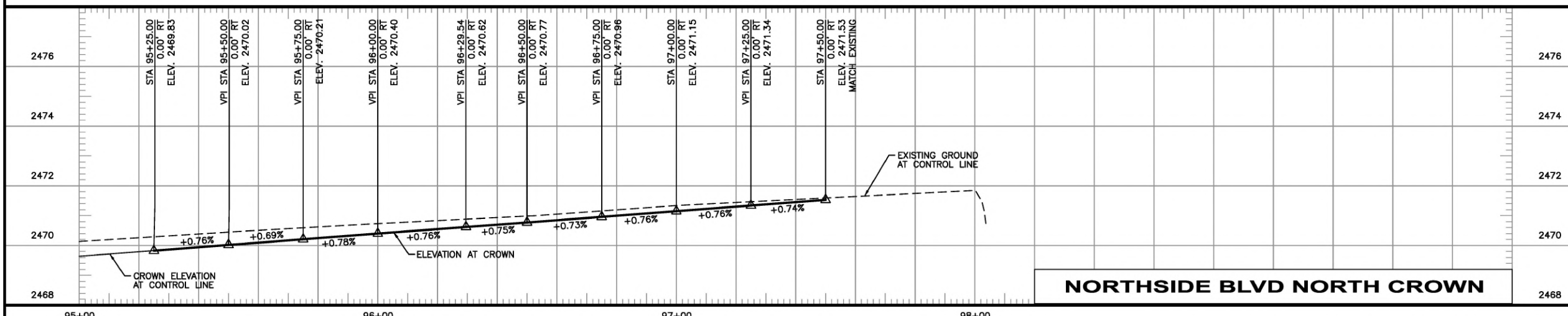


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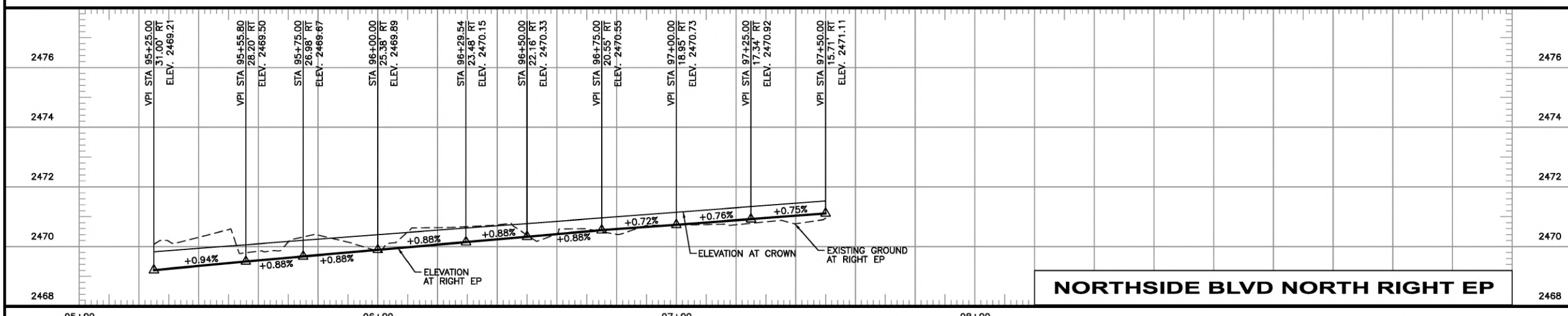
- 1. HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



NORTHSIDE BLVD NORTH LEFT EP



NORTHSIDE BLVD NORTH CROWN



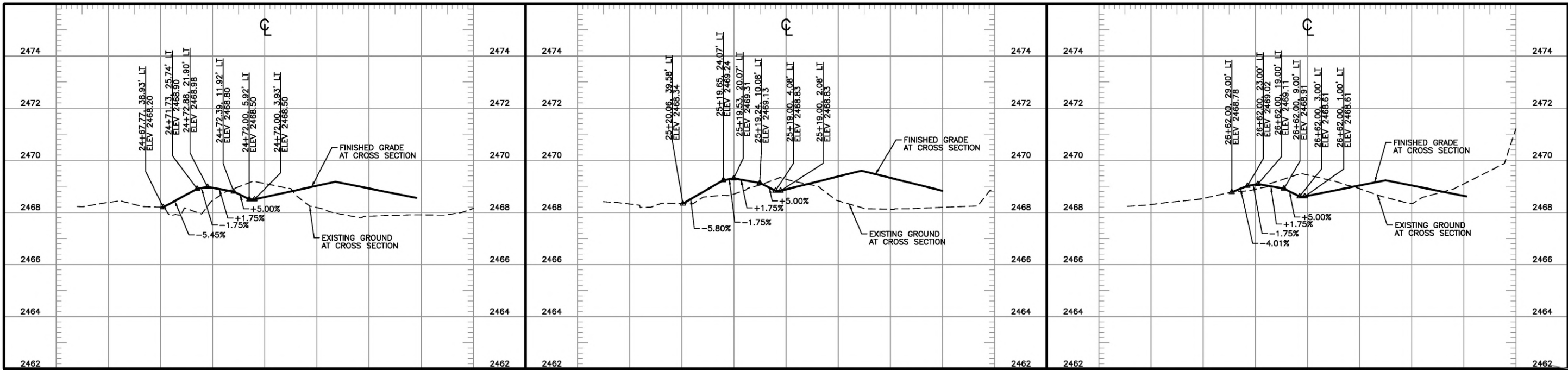
NORTHSIDE BLVD NORTH RIGHT EP

| | | | |
|------------|-------------------------------------|-------------|--|
| Revisions: | • SIGNATURES • | | |
| | Design By: SIX MILE ENGINEERING, PA | Date: 08/24 | Drawn By: SIX MILE ENGINEERING, PA Date: 08/24 |

• SHEET TITLE •

GRADING - EP PROFILE





STA 24+72 LT

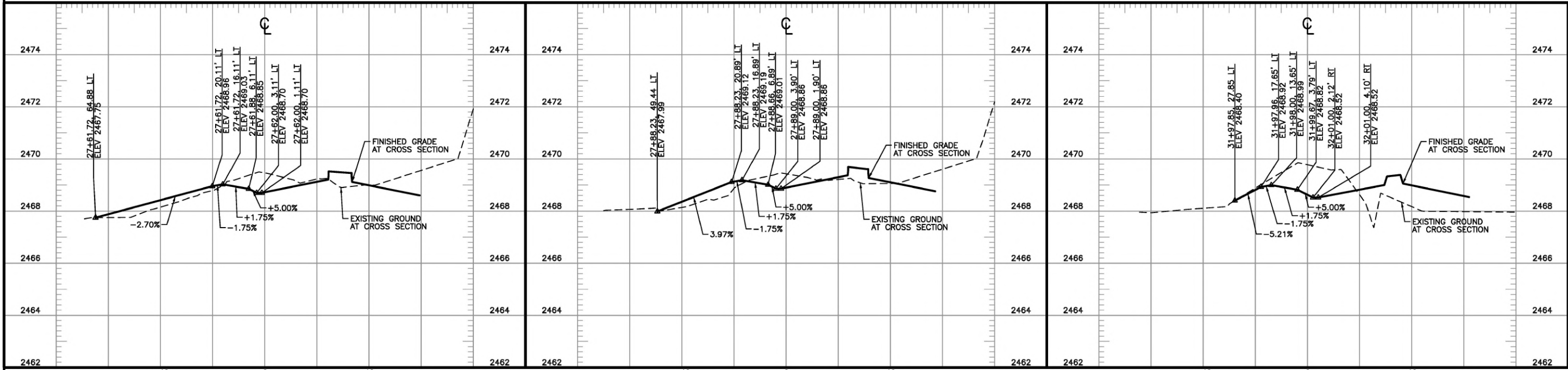
PARCEL 2

STA 25+19 LT

PARCEL 2

STA 26+62 LT

PARCEL 3



STA 27+77 LT

PARCEL 4
CENTER OF WEST DRIVE
AT STA 27+62

STA 27+77 LT

PARCEL 4
CENTER OF EAST DRIVE
AT STA 27+89

STA 32+01 LT

PARCEL 16

Revisions:

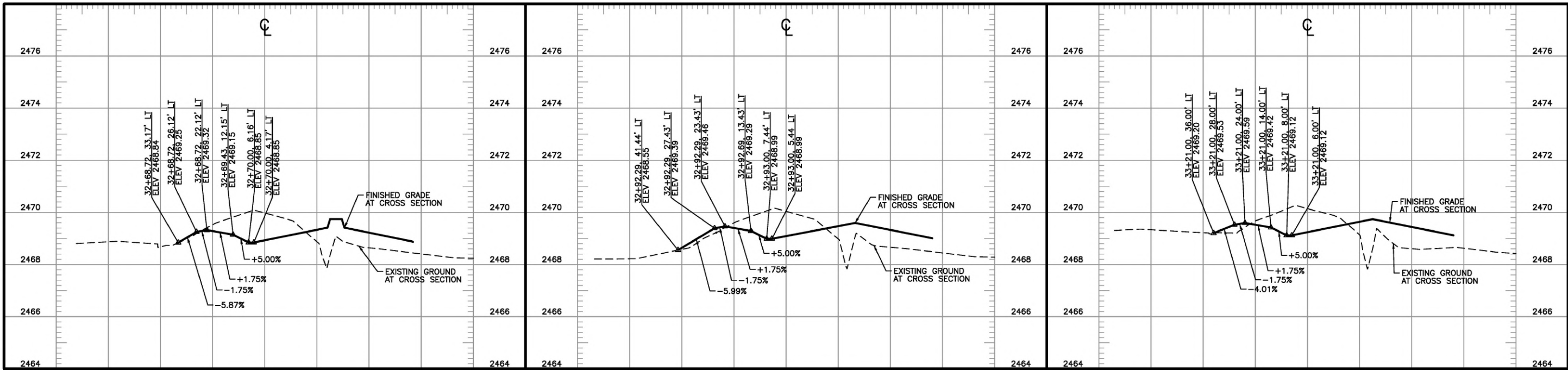
• SIGNATURES •

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

• SHEET TITLE •

APPROACH PROFILES





STA 32+79 LT

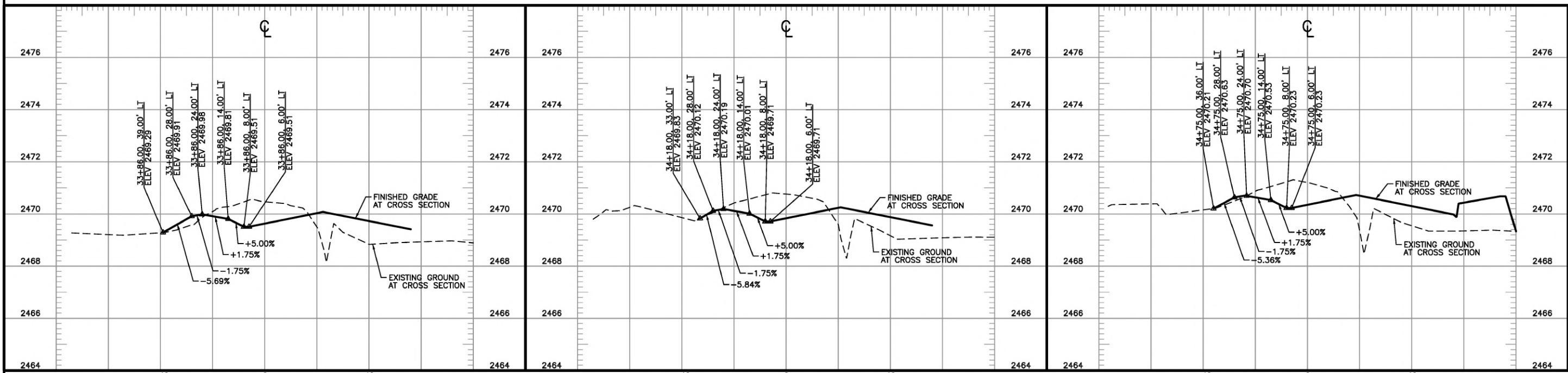
PARCEL 17
CENTER OF WEST DRIVE
AT STA 32+70

STA 32+79 LT

PARCEL 17
CENTER OF EAST DRIVE
AT STA 32+93

STA 33+21 LT

PARCEL 18



STA 33+86 LT

PARCEL 18

STA 34+18 LT

PARCEL 19

STA 34+75 LT

PARCEL 19

Revisions:

SIGNATURES

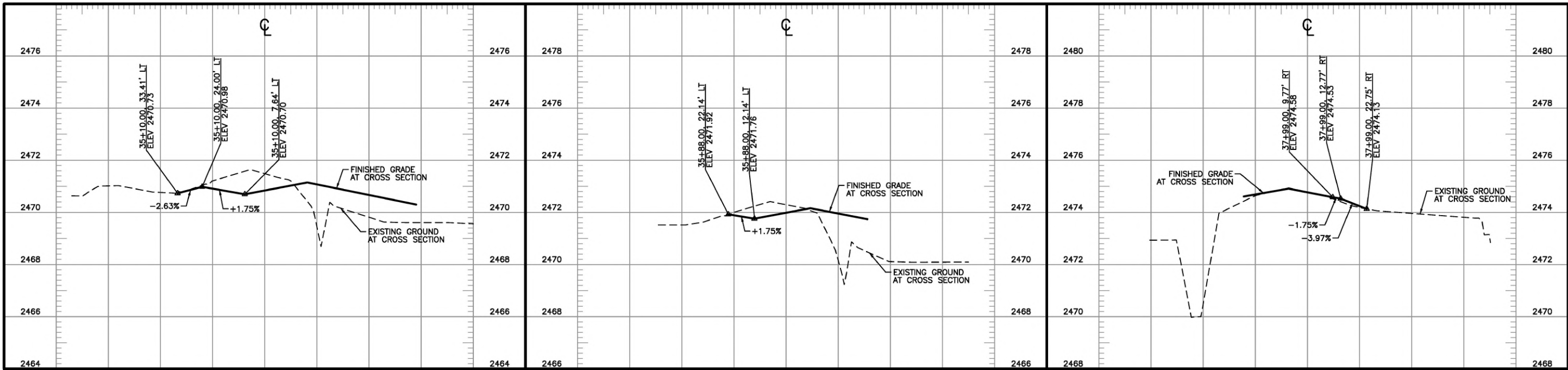
Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

SHEET TITLE

APPROACH PROFILES

SIX MILE
6 Engineering

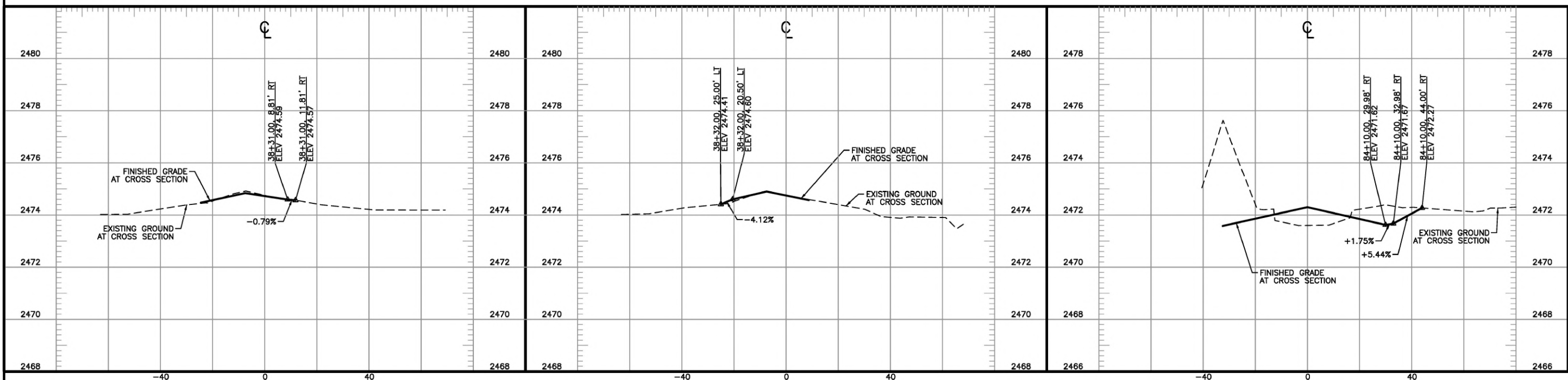




STA 35+10 LT
PARCEL 20

STA 35+88 LT
PARCEL 21

STA 37+99 RT
PARCEL 23



STA 38+31 RT
PARCEL 23

STA 38+32 LT
PARCEL 22

STA 84+10 RT
PARCEL 23 AND 24

Revisions:

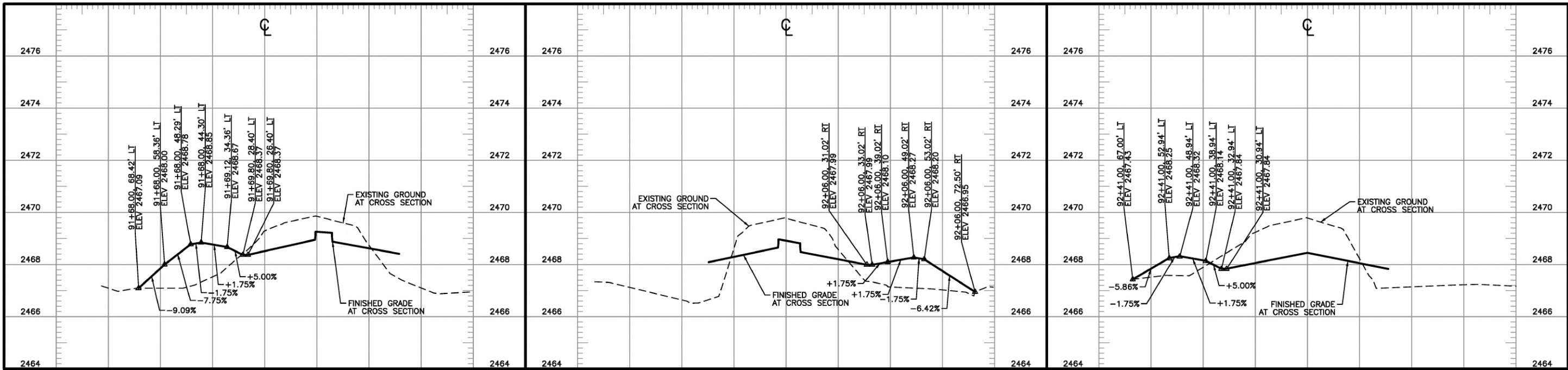
• SIGNATURES •

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

• SHEET TITLE •

APPROACH PROFILES

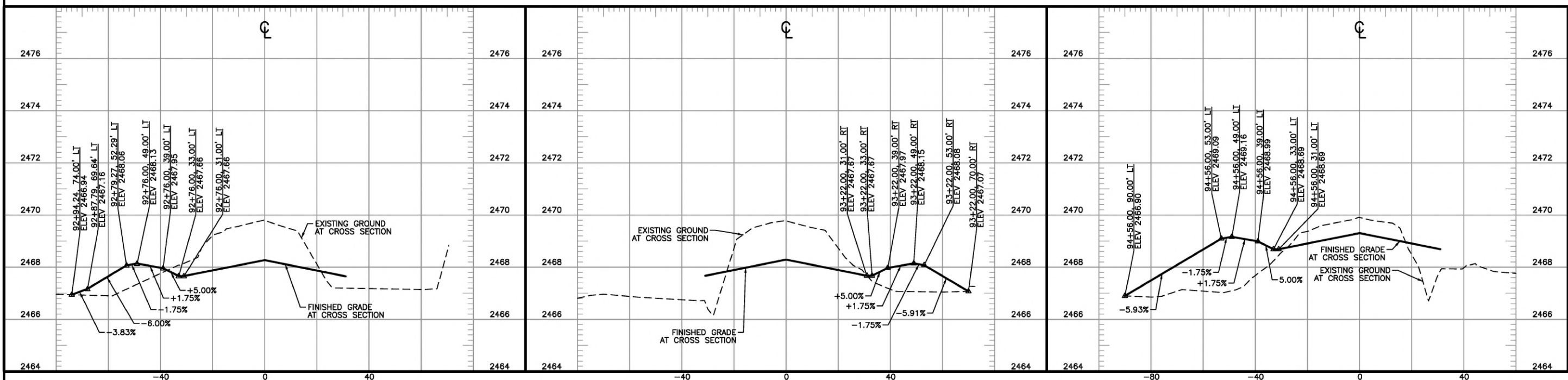




STA 91+70 LT
PARCEL 5

STA 92+06 RT
PARCEL 14

STA 92+41 LT
PARCEL 6



STA 92+76 LT
PARCEL 1

STA 93+22 RT
PARCEL 14

STA 94+56 LT
PARCEL 7

Revisions:

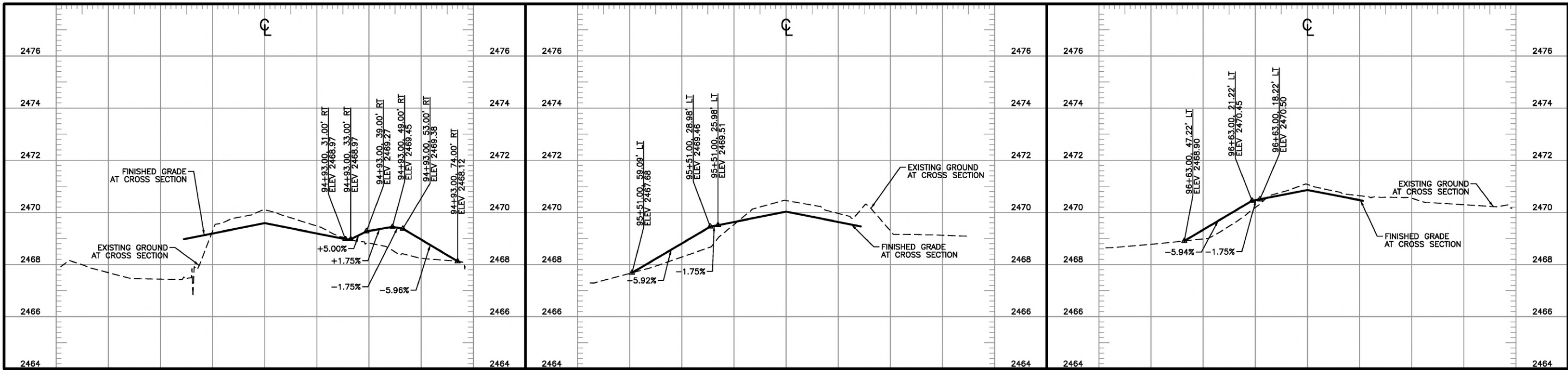
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Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

• SHEET TITLE •

APPROACH PROFILES

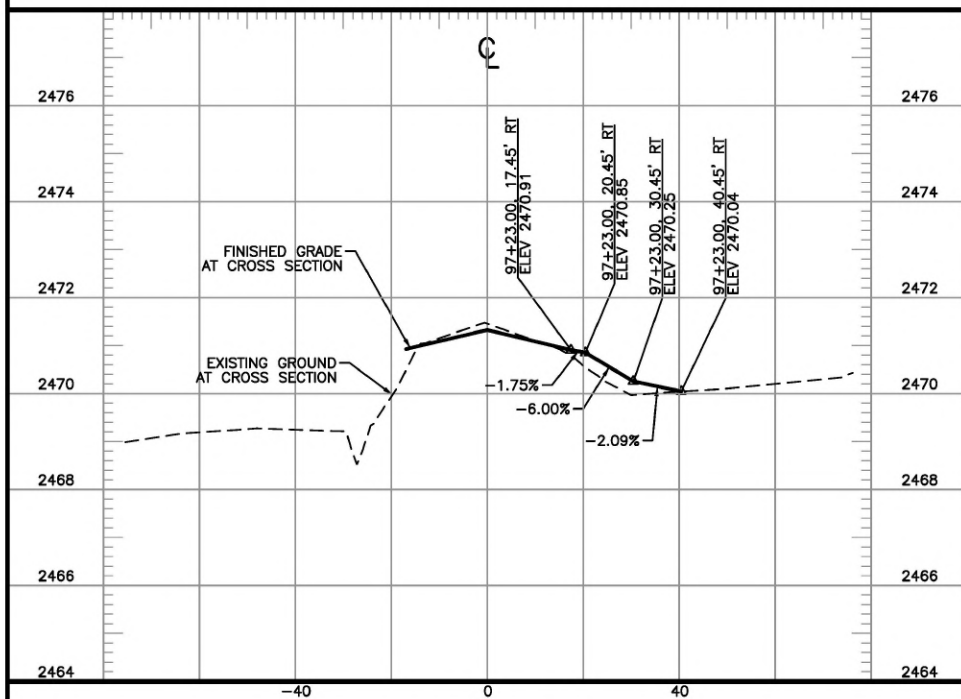




STA 94+93 RT
PARCEL 12 AND 13

STA 95+51 LT
PARCEL 7

STA 96+63 LT
PARCEL 8



STA 97+23 RT
PARCEL 11

Revisions:

• SIGNATURES •

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

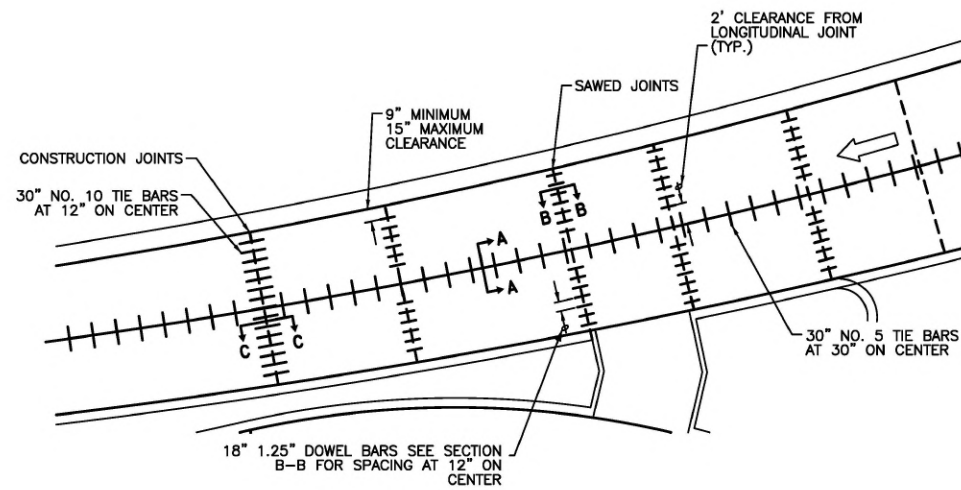
• SHEET TITLE •
APPROACH PROFILES

SIX MILE Six Mile Engineering



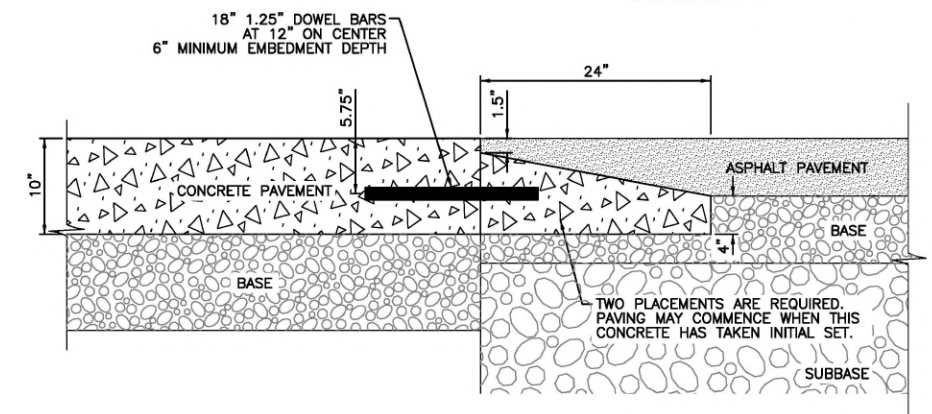
NOTES

1. THE PROPOSED JOINTING PLAN SHOWN ON THIS SHEET IS AN EXAMPLE THAT MAY BE ACCEPTED BY THE CONTRACTOR. IF THIS PLAN IS NOT ACCEPTED, FURNISH A DETAILED JOINTING PLAN FOR APPROVAL BY NHD PRIOR TO CONSTRUCTION. CONSTRUCTION SURVEY STAKING FOR THE CONCRETE JOINTING LAYOUT WITH ELEVATIONS SHALL FOLLOW THE ALIGNMENT PLAN AND PROFILE SHEETS, AND BE INCIDENTAL TO DIVISION 0700 CONCRETE ITEMS.
2. INSTALL CURB, GUTTER, AND SIDEWALK JOINTS AND SCORE LINES TO MATCH CONCRETE PAVING JOINTS. CONSTRUCT ADDITIONAL JOINTS AND SCORE LINES AS NEEDED TO MEET MINIMUM REQUIREMENTS SPECIFIED IN ISPCW SECTION 705 AND ISPCW STANDARD DRAWINGS SD-714 AND SD-714B.
3. INSTALL DOWEL BARS AT ALL TRANSVERSE JOINTS AND MAINTAIN A MAXIMUM SPACING OF 15" AND A MINIMUM SPACING OF 2". DOWEL BARS SHALL BE COATED TO MEET REQUIREMENTS OF AASHTO M 254. ORIENT DOWEL BARS PARALLEL TO TRAVEL LANE, WITH 5/8" MAXIMUM ALLOWABLE DEVIATION FROM PLAN ALIGNMENT.
4. INSTALL TIE BARS AT ALL TIED LONGITUDINAL JOINTS AND MAINTAIN A MAXIMUM SPACING OF 15". THE PROPOSED LONGITUDINAL JOINT LOCATIONS ARE OFFSET 0.5' FROM LANE LINES. THE MAXIMUM TIED PAVEMENT WIDTH IS 60". TIE BARS SHALL BE EPOXY COATED AND MEET REQUIREMENTS OF AASHTO M 284.
5. SAW AND SEAL ALL TRANSVERSE AND LONGITUDINAL JOINTS.
6. PLACE CONSTRUCTION JOINTS AT LEAST 6' FROM A SAWED JOINT. PREFERRED PRACTICE IS TO PLACE THE CONSTRUCTION JOINT AT THE LOCATION OF A PLANNED CONTRACTION JOINT AND USE DOWEL BARS PER THE TRANSVERSE JOINT DETAIL.
7. CONSTRUCT JOINTS AND BOXOUT MANHOLES AND VALVE BOXES ACCORDING TO ISPCW STANDARD DRAWING SD-714.



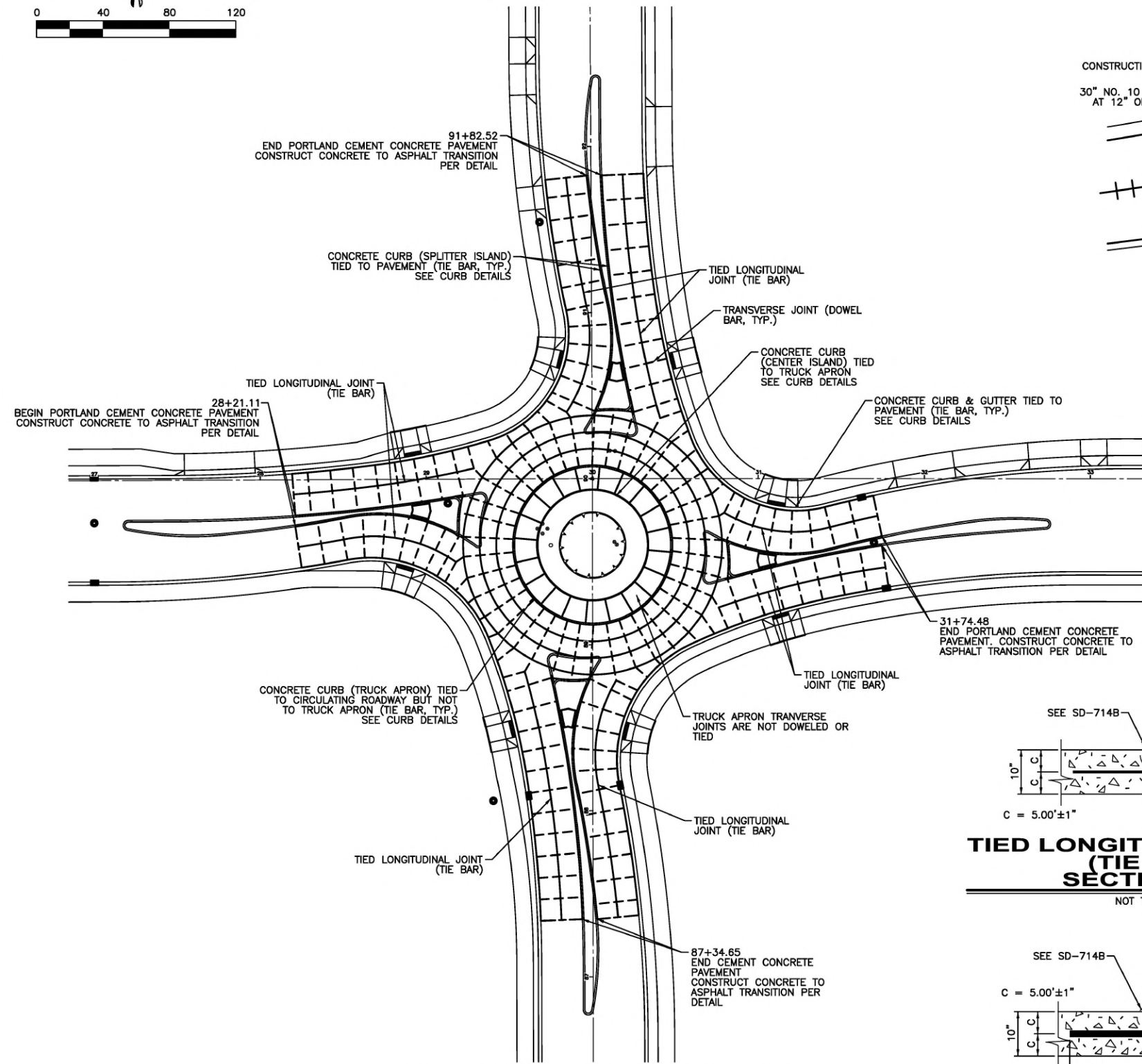
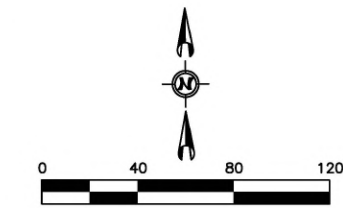
TYPICAL ROADWAY DETAIL

NOT TO SCALE

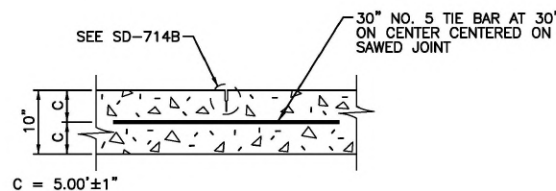


CONCRETE TO ASPHALT TRANSITION

NOT TO SCALE

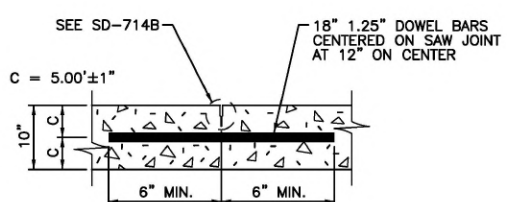


CONCRETE JOINTING PLAN



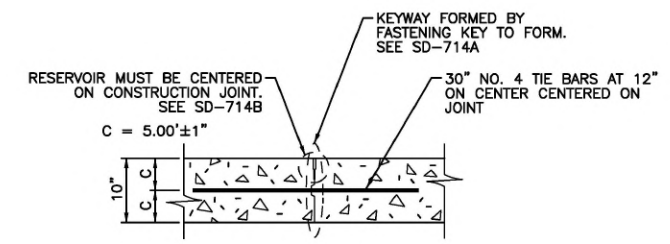
TIED LONGITUDINAL JOINT (TIE BAR) SECTION A-A

NOT TO SCALE



TRANSVERSE JOINT (DOWEL BAR) SECTION B-B

NOT TO SCALE



KEYED CONSTRUCTION JOINT - TYPE C SECTION C-C

NOT TO SCALE

Revisions:

| | |
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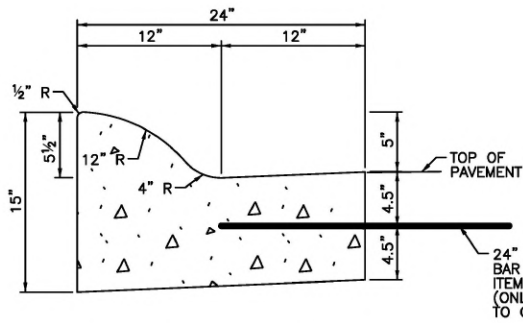
SIGNATURES

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| Design By: SIX MILE ENGINEERING, PA | Date: 08/24 | Drawn By: SIX MILE ENGINEERING, PA | Date: 08/24 |
|-------------------------------------|-------------|------------------------------------|-------------|

SHEET TITLE

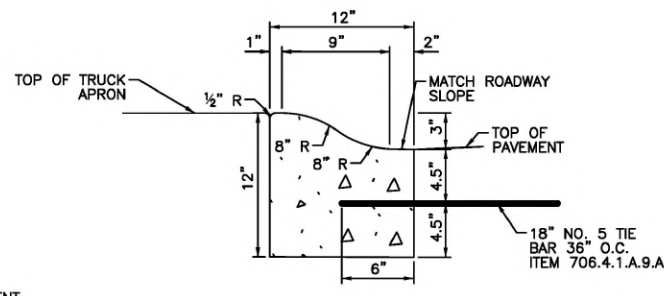
| |
|------------------------|
| ROADWAY DETAILS |
|------------------------|

PROFESSIONAL ENGINEER
REGISTERED
ORIGINAL ON FILE AT
SIX MILE ENGINEERING
6797
ORIGINAL SIGNED
AUGUST 22, 2024
LARRY J. WHITE



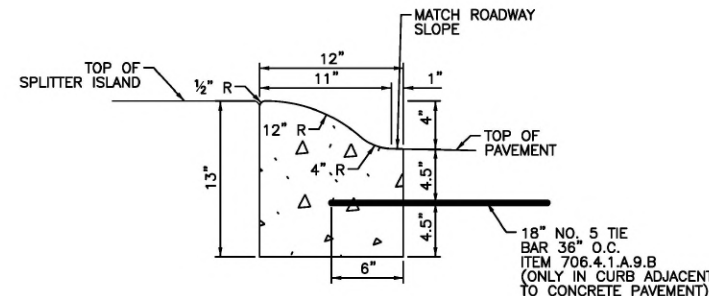
MOUNTABLE ROUNDABOUT CURB & GUTTER, SIZE 6-INCH

NOT TO SCALE
ITEM 706.4.1.A.11
UNLESS OTHERWISE NOTED
(66)



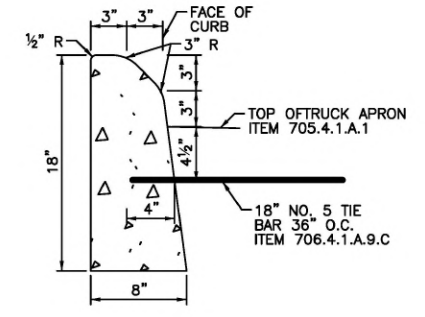
MOUNTABLE ROUNDABOUT CURB (NO GUTTER), SIZE 3-INCH (TRUCK APRON CURB)

NOT TO SCALE
ITEM 706.4.1.A.9.A
UNLESS OTHERWISE NOTED
(63)



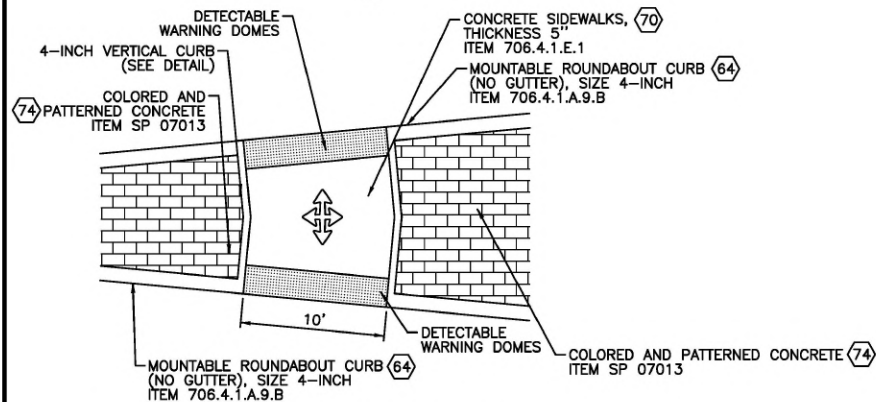
MOUNTABLE ROUNDABOUT CURB (NO GUTTER), SIZE 4-INCH (SPLITTER ISLAND CURB)

NOT TO SCALE
ITEM 706.4.1.A.9.B
UNLESS OTHERWISE NOTED
(64)



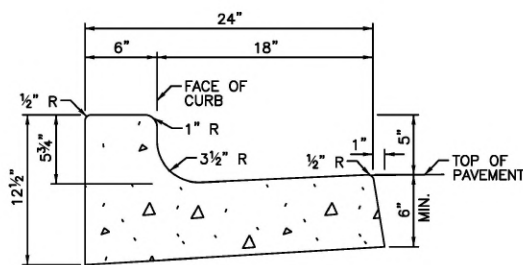
MOUNTABLE ROUNDABOUT CURB (NO GUTTER), SIZE 6-INCH (CENTER ISLAND)

NOT TO SCALE
ITEM 706.4.1.A.9.C
UNLESS OTHERWISE NOTED
(65)



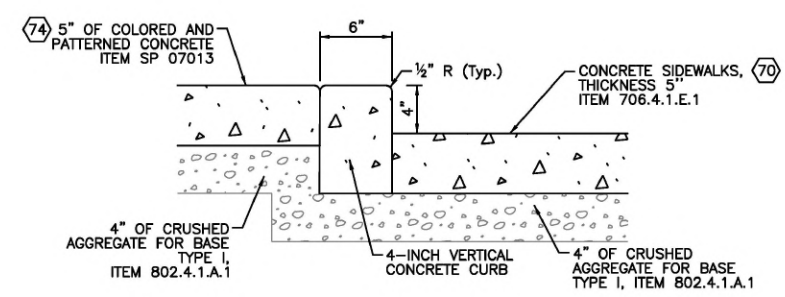
PEDESTRIAN RAMP TYPE SPLITTER ISLAND

NOT TO SCALE
1.5% ± 0.5% (2% MAX) SLOPE
ITEM 706.4.1.H.1.B
UNLESS OTHERWISE NOTED



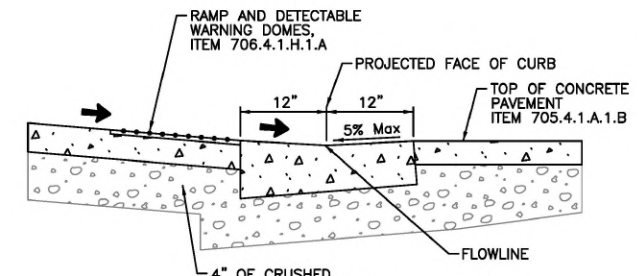
STANDARD 6-INCH VERTICAL CURB & GUTTER

NOT TO SCALE
ITEM 706.4.1.A.5
UNLESS OTHERWISE NOTED
(60)



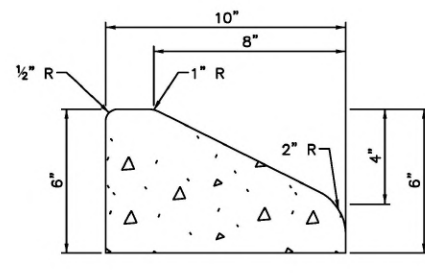
4-INCH VERTICAL CURB DETAIL

NOT TO SCALE
ITEM 706.4.1.H.1.B
UNLESS OTHERWISE NOTED



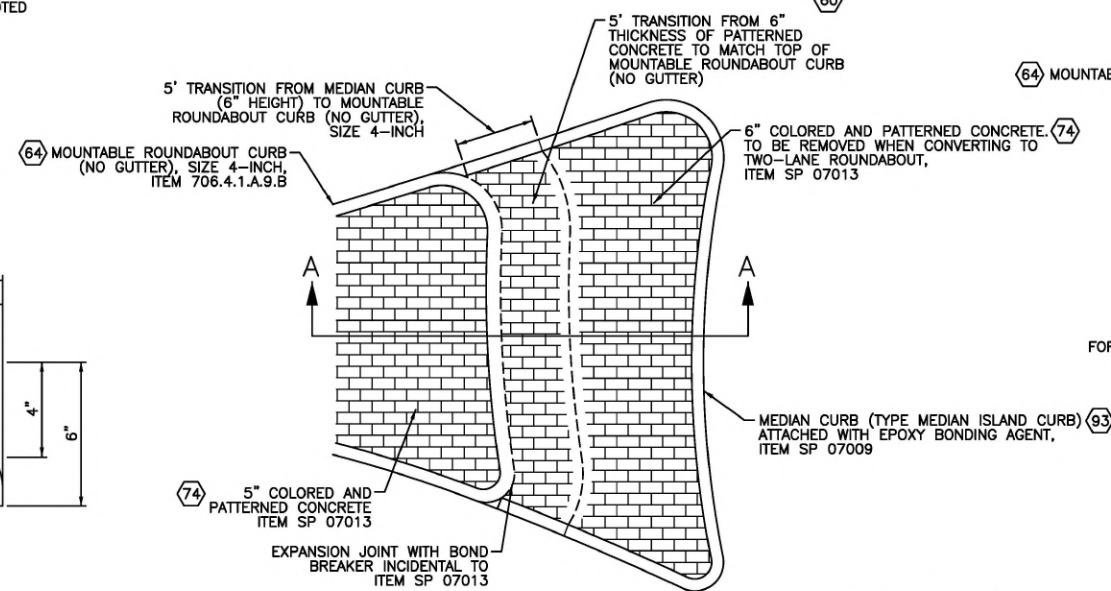
GUTTER AT PEDESTRIAN RAMPS

NOT TO SCALE
7.5% ± 0.5% RUNNING SLOPE
2.0% MAX CROSS SLOPE
ITEM 706.4.1.A.11
UNLESS OTHERWISE NOTED



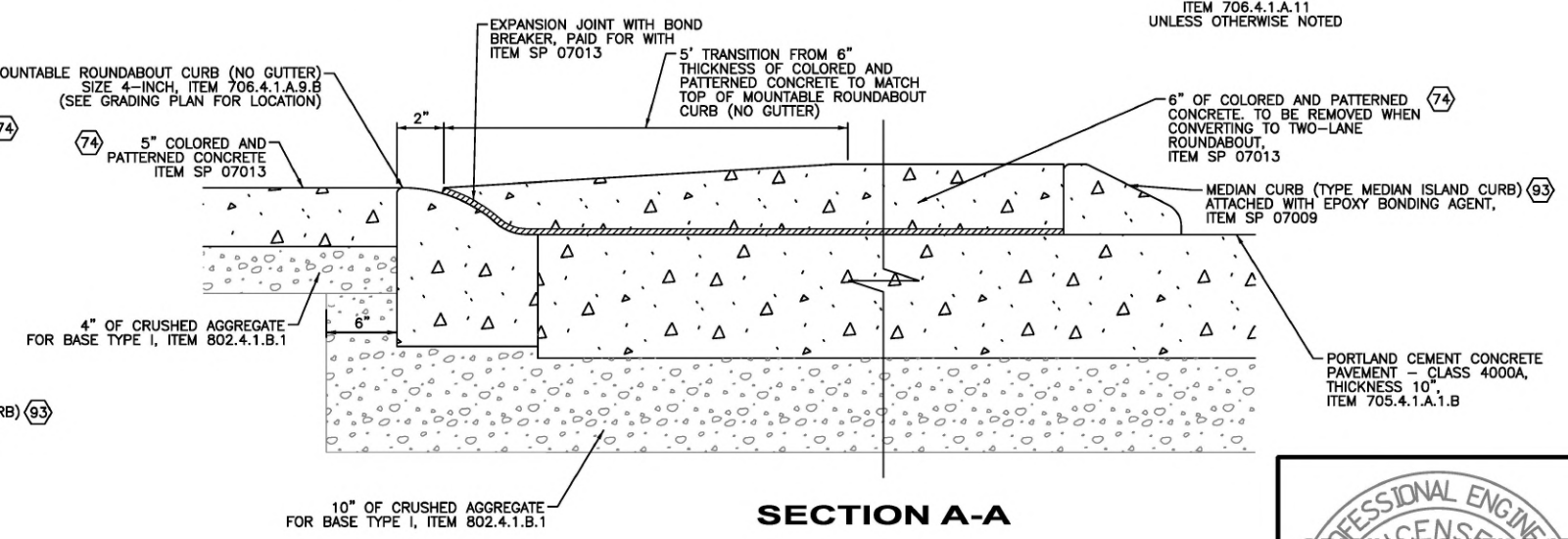
MEDIAN ISLAND CURB

NOT TO SCALE
ITEM SP 07009
UNLESS OTHERWISE NOTED
(93)



TEMPORARY SPLITTER ISLAND CURB DETAIL

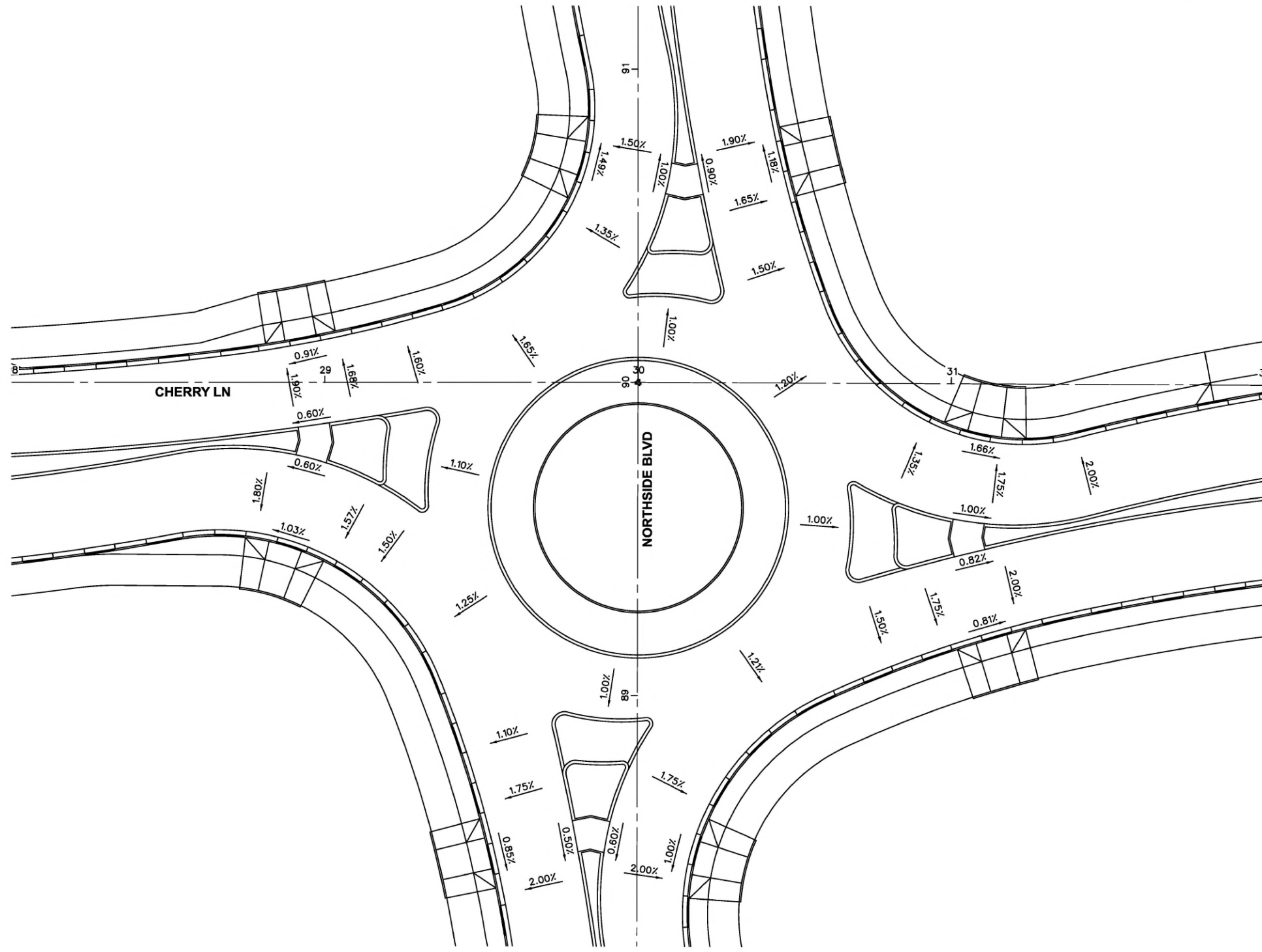
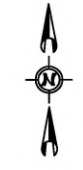
NOT TO SCALE



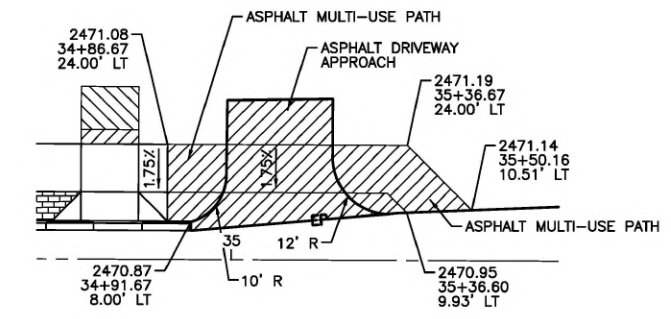
SECTION A-A

| | | | | |
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| Revisions: | SIGNATURES | | SHEET TITLE | |
| | Design By: SIX MILE ENGINEERING, PA | | ROADWAY DETAILS | |
| | Date: 08/24 | | Date: 08/24 | |



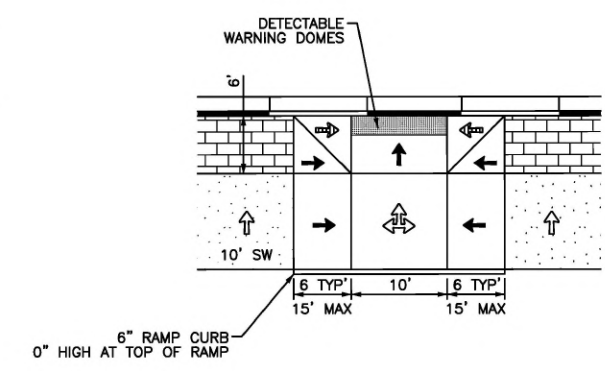


INTERSECTION GRADING PLAN
NOT TO SCALE



DRIVEWAY APPROACH DETAIL
STA 35+10 LT

NOT TO SCALE



**PEDESTRIAN RAMP W/
DETECTABLE WARNING DOMES,
TYPE SD-712G MOD (10' WIDE)**

NOT TO SCALE

- SYMBOL LEGEND**
- ↔ 1.75% ± 0.25% (2% MAX SLOPE)
 - ↔ 7.3% ± 1.0% (8.3% MAX SLOPE)
 - ↔ 2.0% MAX CROSS SLOPE
 - ↔ 10.0% MAX SLOPE

Revisions:

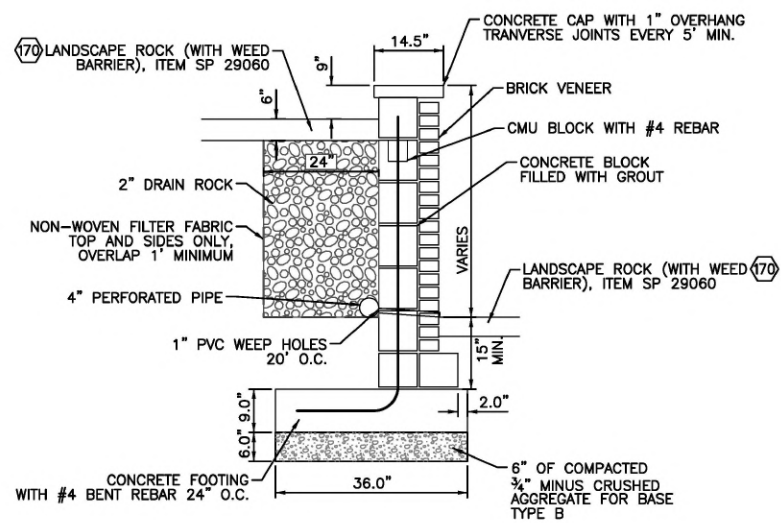
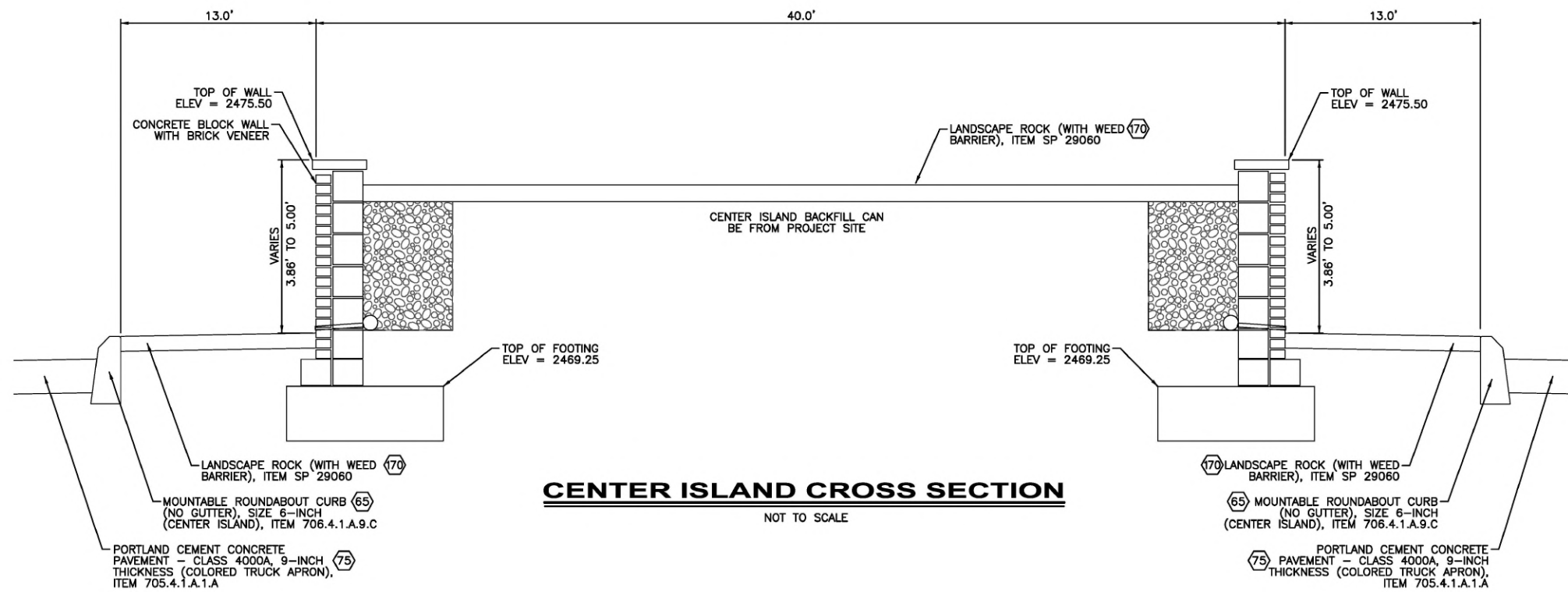
SIGNATURES

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

SHEET TITLE

ROADWAY DETAILS





Revisions:

• SIGNATURES •

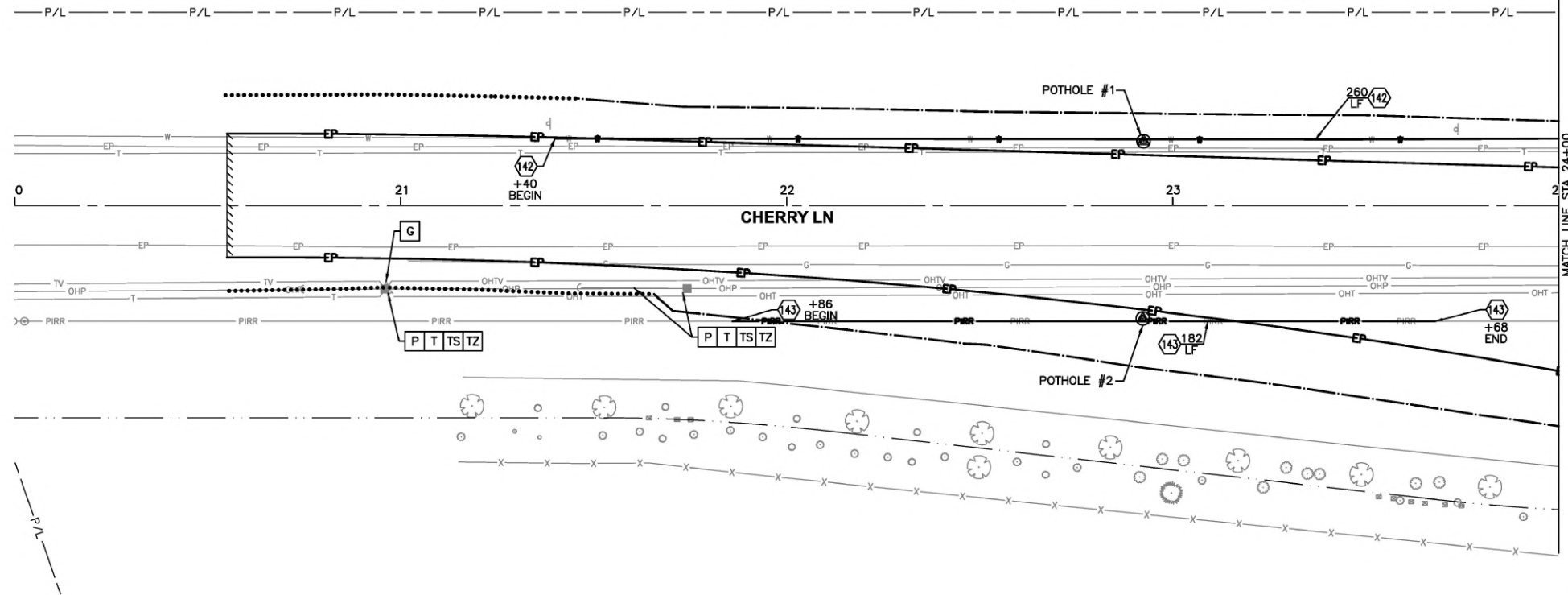
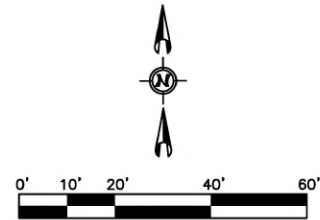
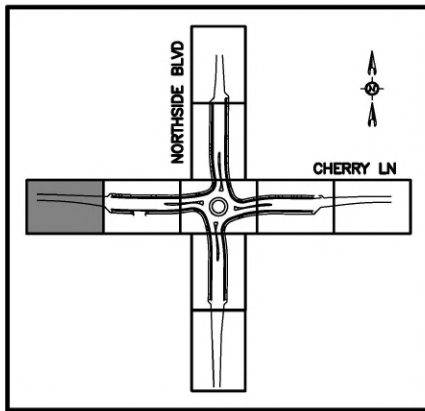
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ROADWAY DETAILS

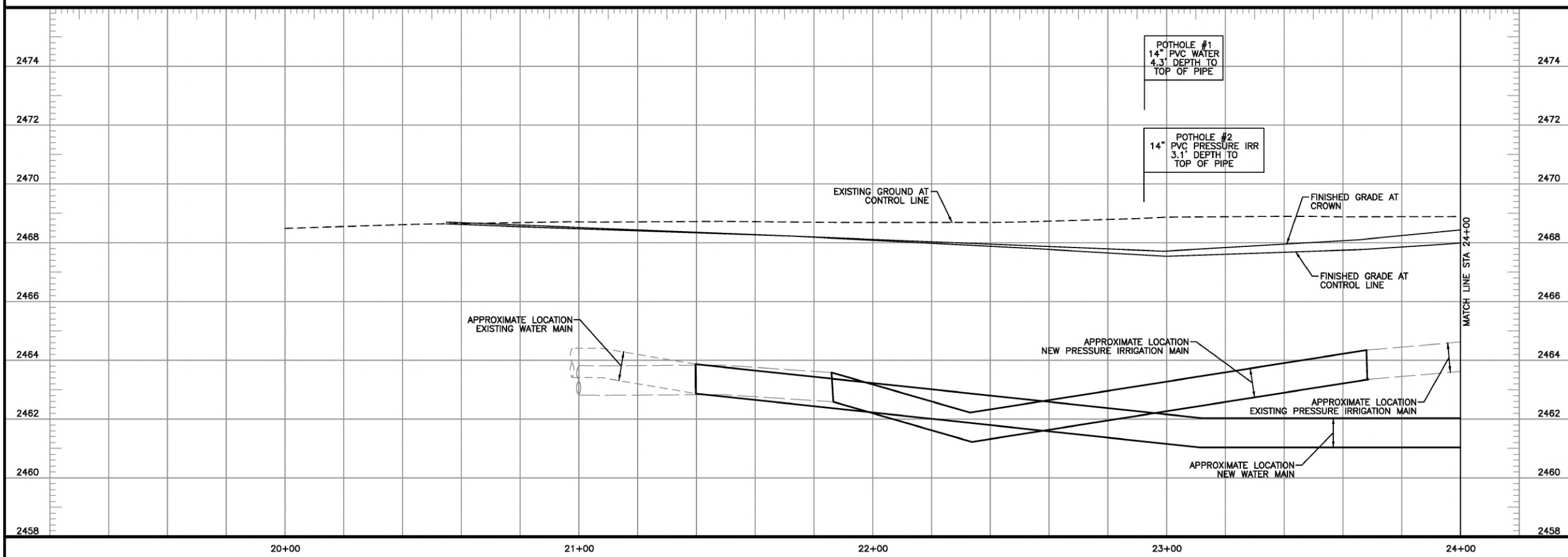
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NOTES

- (142) ADJUST EXISTING WATER MAIN TO PROVIDE MINIMUM 48" COVER, ITEM 401.4.1.A.1.C
- (143) ADJUST EXISTING PRESSURE IRRIGATION MAIN TO PROVIDE MINIMUM 42" COVER, ITEM 901.4.1.A.1.B



UTILITIES

- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - P RELOCATE/ADJUST BY IDAHO POWER
 - T RELOCATE/ADJUST BY LUMEN
 - TS RELOCATE/ADJUST BY SYRINGA
 - TZ RELOCATE/ADJUST BY ZAYO
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.



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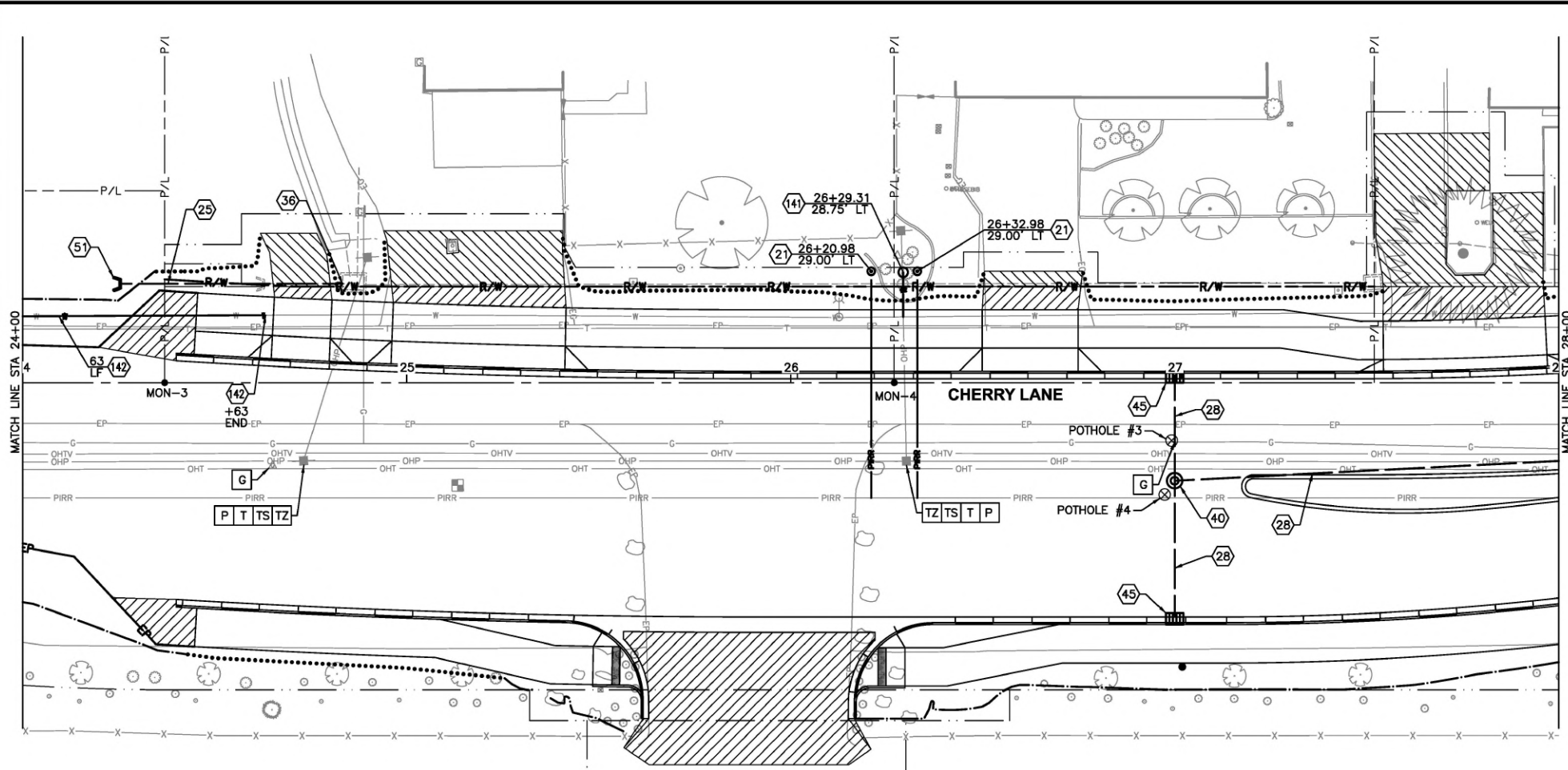
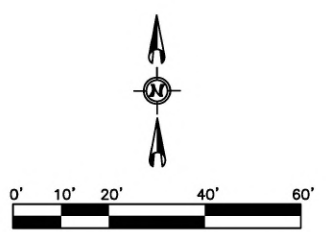
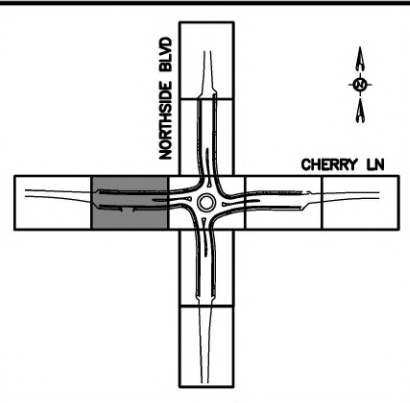
Revisions:

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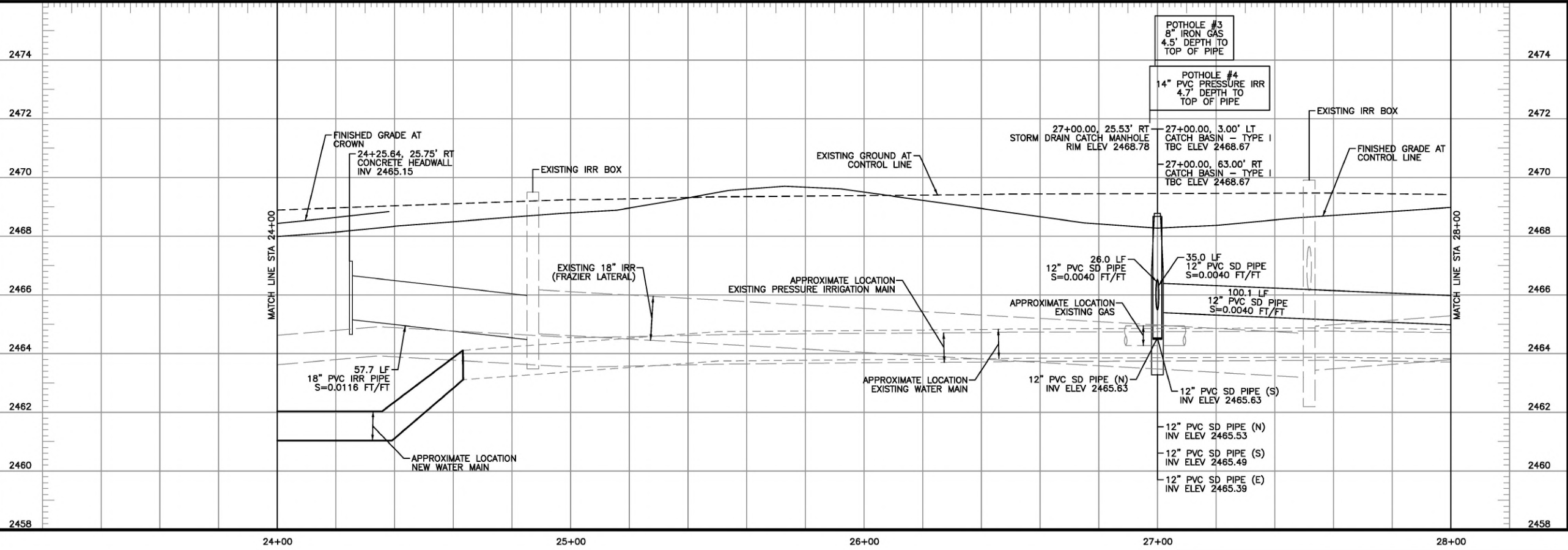
Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

• SHEET TITLE •

DRAINAGE AND WATER PLAN



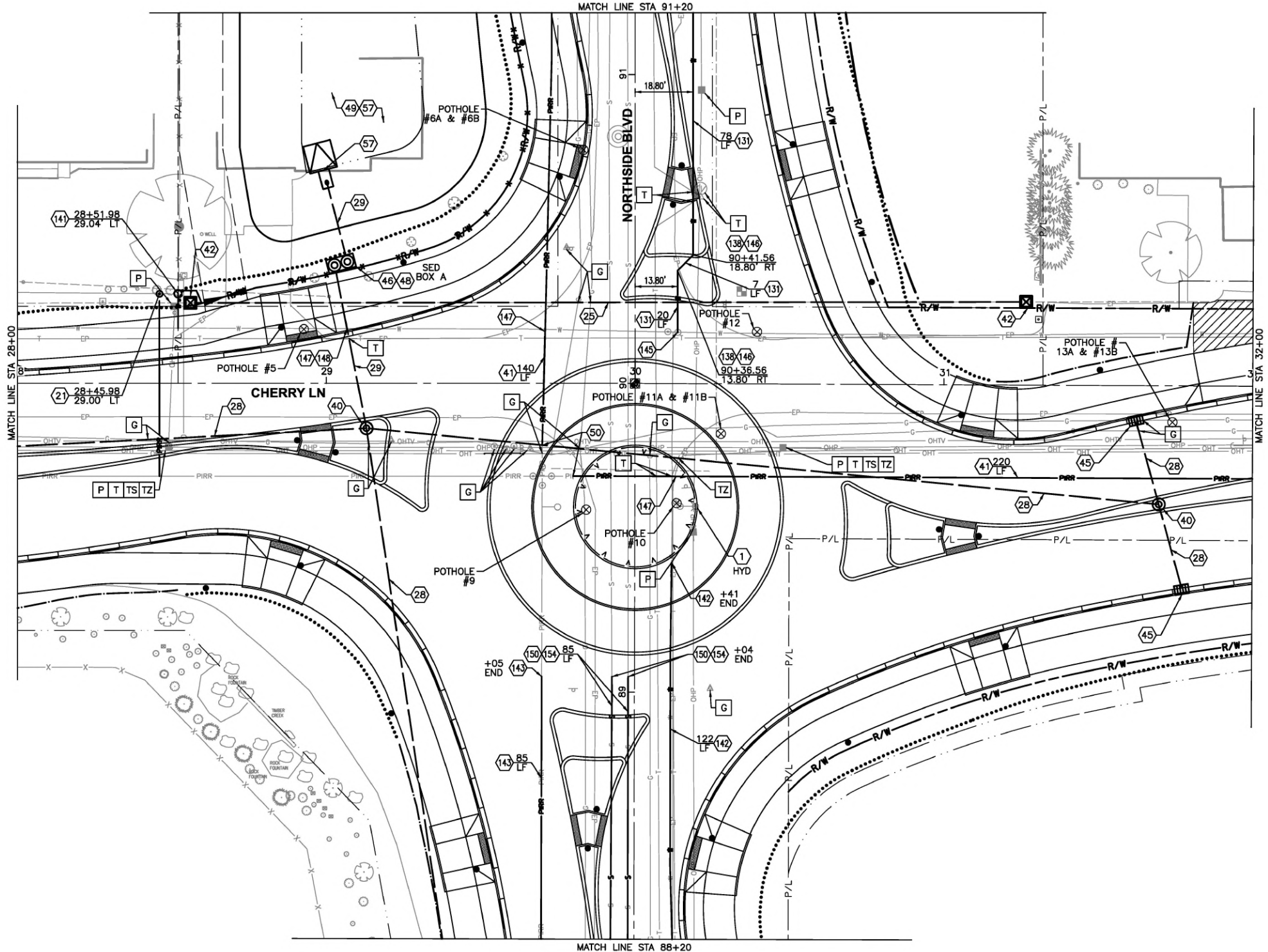
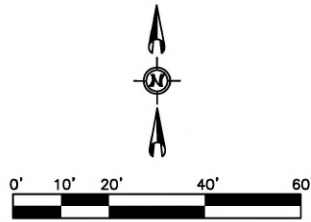
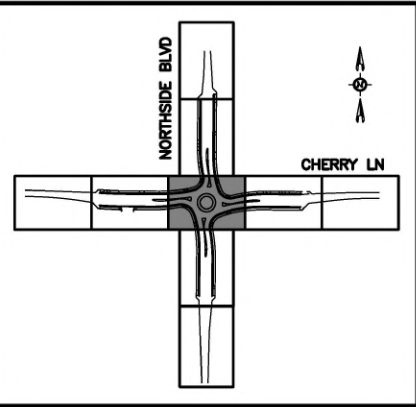
- ### NOTES
- (21) 1" DIAMETER PRESSURE IRRIGATION PIPE SERVICE TYPE PE, ITEM 903.4.1.A.1
 - (25) 18" GRAVITY IRRIGATION PIPE, CLASS C900 PVC, ITEM 601.4.1.A.5.18
 - (28) 12" DRAINAGE PIPE, CLASS C900 PVC, ITEM 601.4.1.A.5.12
 - (36) CONNECT TO EXISTING STRUCTURE, ITEM 601.4.1.A.5.18
 - (40) STORM DRAIN OR GRAVITY IRRIGATION CATCH MANHOLE—SIZE 48", ITEM 602.4.1.E.1.48
 - (45) CATCH BASIN, TYPE I, ITEM 602.4.1.F.1
 - (51) CONCRETE HEADWALL, ITEM SP 09022A
 - (141) WATER SERVICE CONNECTION, SIZE 1-1/2", ITEM 404.4.1.A.1
 - (142) ADJUST EXISTING WATER MAIN TO PROVIDE MINIMUM 48" COVER, ITEM 401.4.1.A.1.C



- ### UTILITIES
- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - P RELOCATE/ADJUST BY IDAHO POWER
 - T RELOCATE/ADJUST BY LUMEN
 - TS RELOCATE/ADJUST BY SYRINGA
 - TZ RELOCATE/ADJUST BY ZAYO
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.



| | | |
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| Revisions: | SIGNATURES | SHEET TITLE |
| Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24 | DRAINAGE AND WATER PLAN | |



NOTES

- 1 REMOVAL OF OBSTRUCTIONS, ITEM 201.4.1.C.1
- 21 1" DIAMETER PRESSURE IRRIGATION PIPE SERVICE TYPE PE, ITEM 903.4.1.A.1
- 25 18" GRAVITY IRRIGATION PIPE, CLASS C900 PVC, ITEM 601.4.1.A.5.18
- 28 12" DRAINAGE PIPE, CLASS C900 PVC, ITEM 601.4.1.A.5.12
- 29 18" DRAINAGE PIPE, CLASS C900 PVC, ITEM 601.4.1.A.5.18
- 40 STORM DRAIN OR GRAVITY IRRIGATION CATCH MANHOLE—SIZE 48", ITEM 602.4.1.E.1.48
- 41 12" DIAMETER PRESSURE IRRIGATION MAIN, TYPE C900 PVC, ITEM 901.4.1.A.1
- 42 CONCRETE IRRIGATION BOX — SIZE 4'X4' O.D., ITEM 602.4.1.M.1
- 45 CATCH BASIN, TYPE I, ITEM 602.4.1.F.1
- 46 PRECAST SEDIMENT BOX — SIZE 1000 GAL, ITEM 602.4.1.H.1
- 48 SEE STORM DRAIN DETAILS.
- 49 INFILTRATION FACILITIES (BIORETENTION BASIN), ITEM 207.4.1.B.3
- 50 CONNECT TO EXISTING PRESSURE IRRIGATION MAIN, ITEM 901.4.1.A.1
- 57 SEE STORM DRAIN BASIN DETAIL.
- 131 12" PVC, AWWA C900, DR18 WATER MAIN, ITEM 401.4.1.A.1.B
- 138 12" DUCTILE IRON 45 DEGREE BEND, MJxMJ, ITEM 401.4.1.A.1.B
- 141 WATER SERVICE CONNECTION, SIZE 1-1/2", ITEM 404.4.1.A.1
- 142 ADJUST EXISTING WATER MAIN TO PROVIDE MINIMUM 48" COVER, ITEM 401.4.1.A.1.C
- 143 ADJUST EXISTING PRESSURE IRRIGATION MAIN TO PROVIDE MINIMUM 42" COVER, ITEM 901.4.1.A.1.B
- 145 CONNECT TO EXISTING 12" MJ GATE VALVE, INCIDENTAL TO ITEM 401.4.1.A.1.B
- 146 CONCRETE THRUST BLOCK, ITEM 401.4.1.A.1.B
- 147 NON-POTABLE PIPE CROSSING
- 148 ADJUST EXISTING WATER MAIN TO AVOID NEW STORM DRAIN PIPE, ITEM 401.4.1.A.1.B
- 150 ADJUST EXISTING 12" PRESSURE SEWER MAIN TO PROVIDE MINIMUM 48" COVER, ITEM 505.4.1.C.1.A
- 154 ADJUST EXISTING 18" PRESSURE SEWER MAIN TO PROVIDE MINIMUM 48" COVER, ITEM 505.4.1.C.1.B

UTILITIES

- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - P RELOCATE/ADJUST BY IDAHO POWER
 - T RELOCATE/ADJUST BY LUMEN
 - TS RELOCATE/ADJUST BY SYRINGA
 - TZ RELOCATE/ADJUST BY ZAYO
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

Revisions:

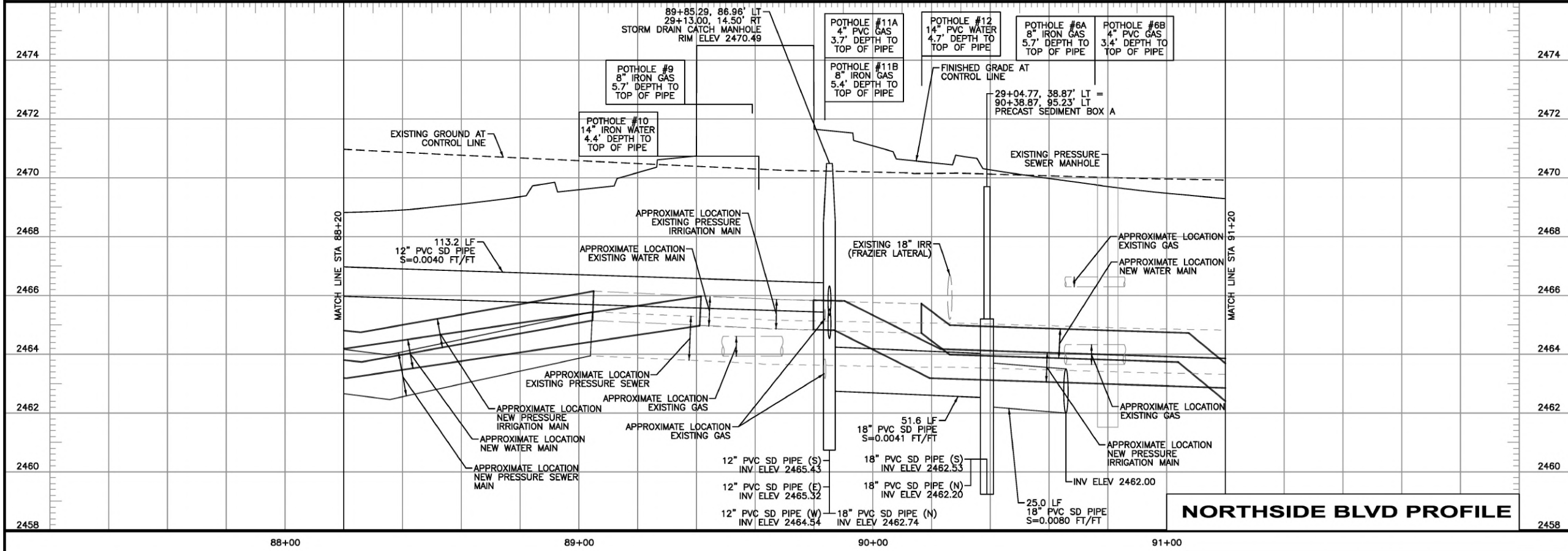
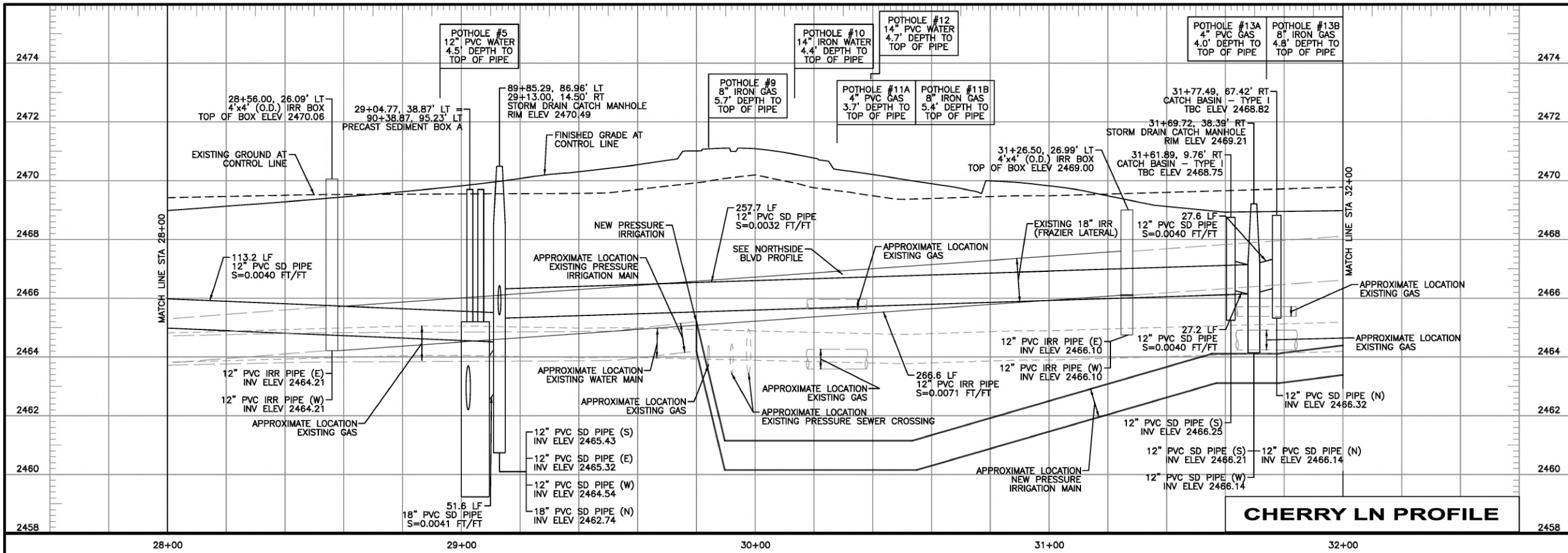
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Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

• SHEET TITLE •

DRAINAGE AND WATER PLAN

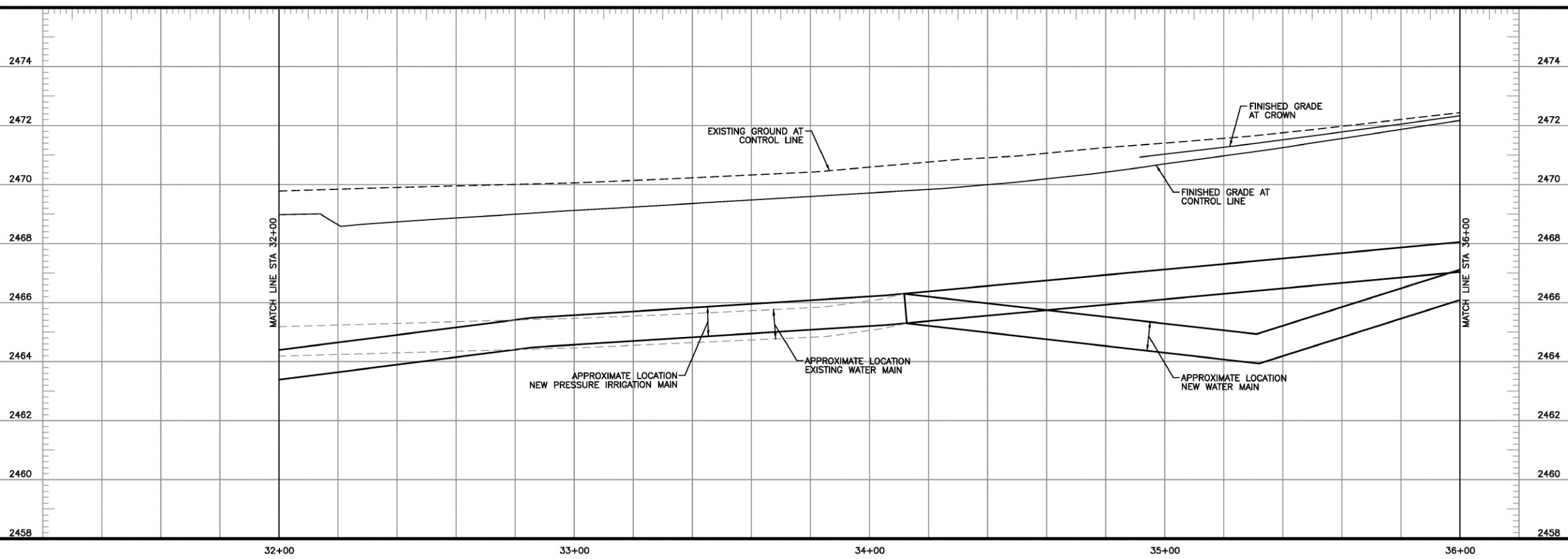
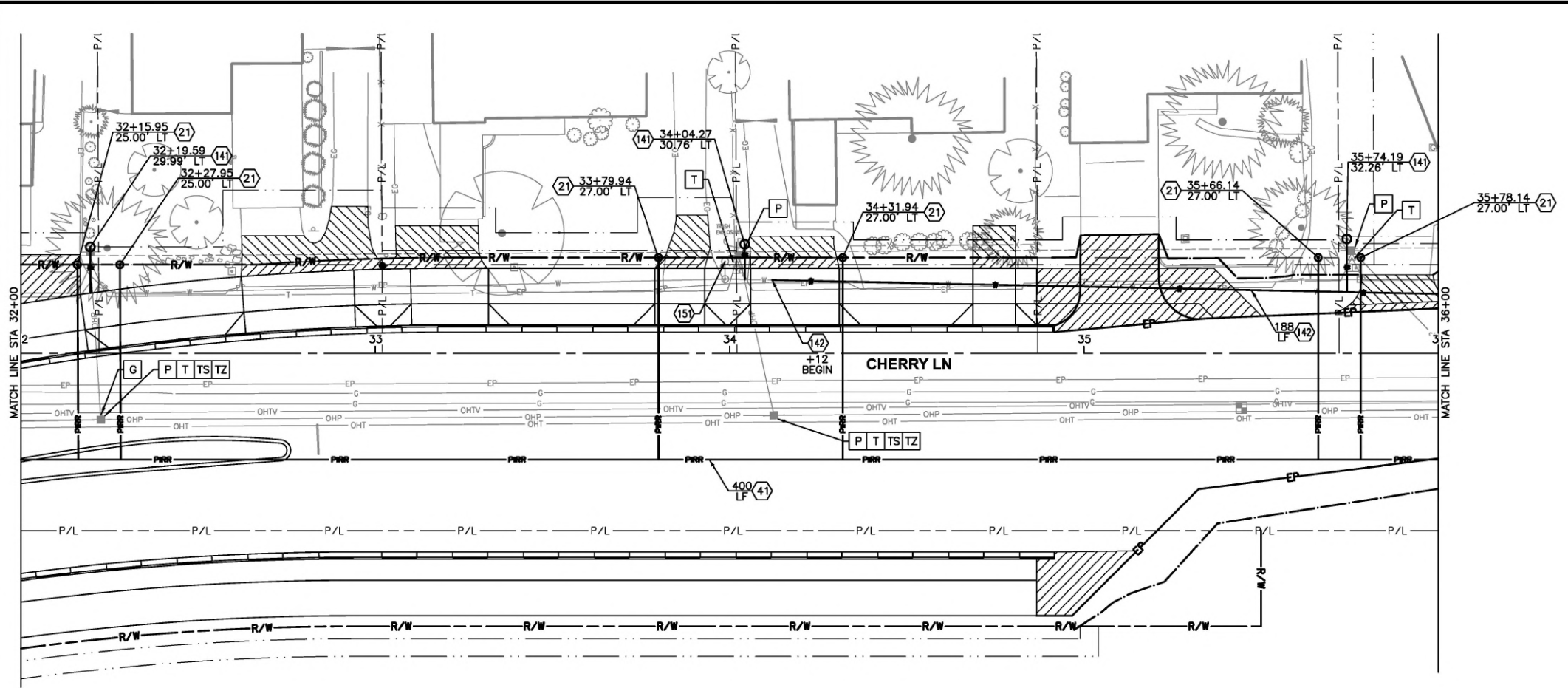
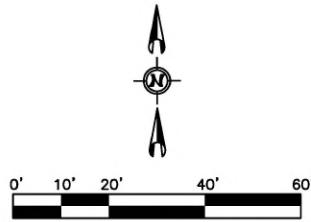
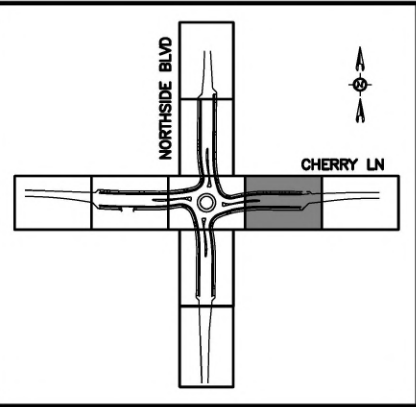
PROFESSIONAL ENGINEER
 ORIGINAL ON FILE AT
SIX MILE ENGINEERING
 15633
 ORIGINAL SIGNED
 AUGUST 22, 2024
 KENNIFER E. HUBER



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| Revisions: | SIGNATURES | | SHEET TITLE |
| | Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24 | | DRAINAGE AND WATER PLAN |

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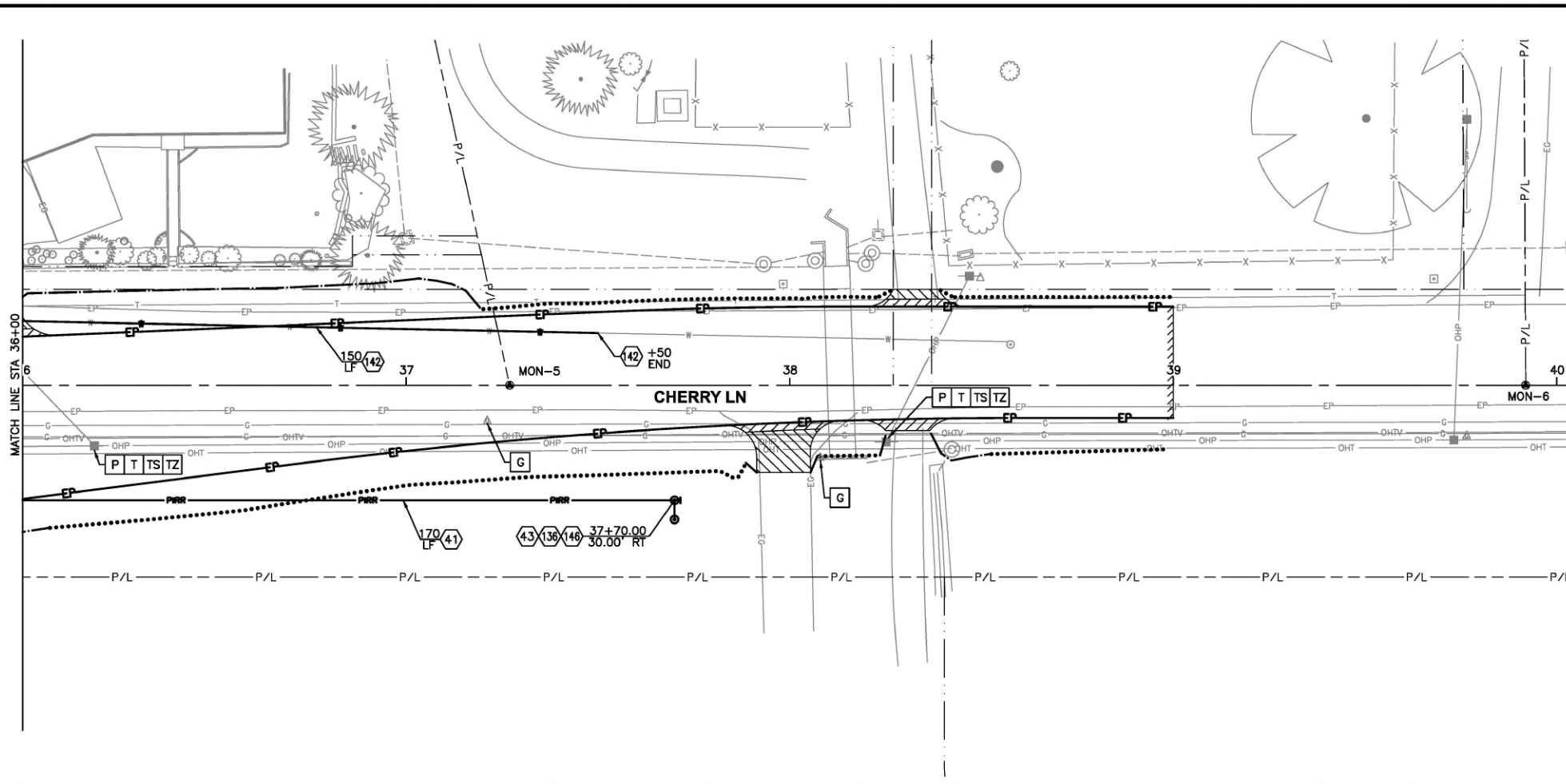
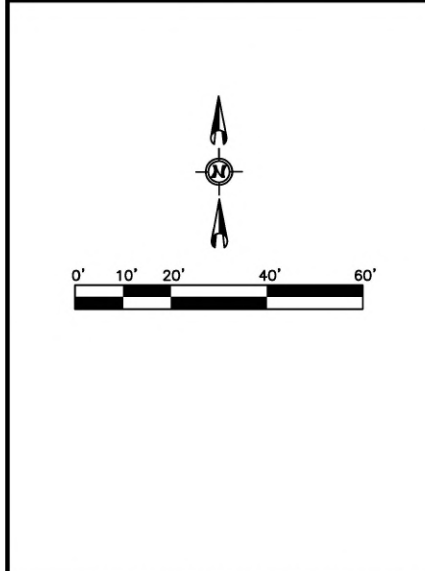
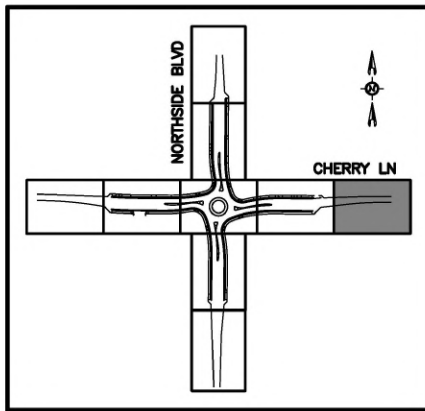
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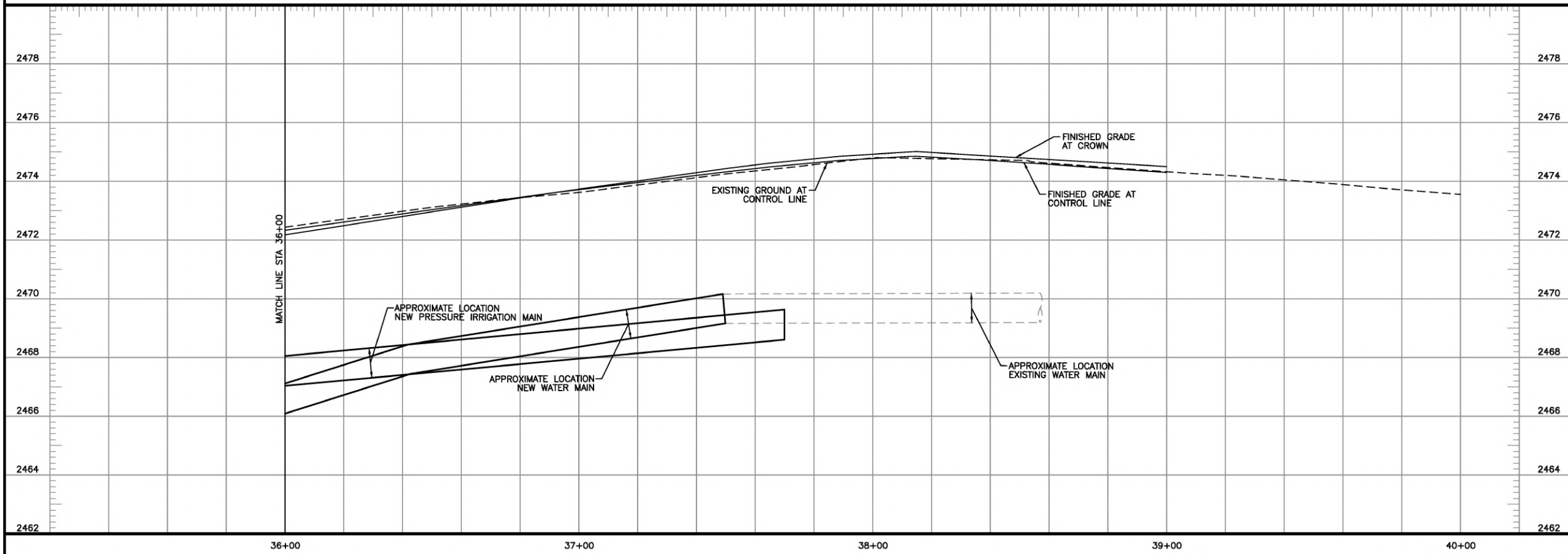
DRAINAGE AND WATER PLAN

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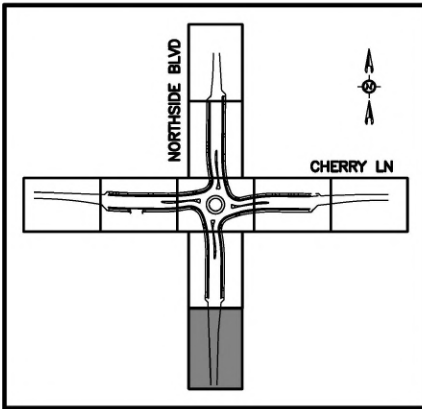
- ### NOTES
- 41 12" DIAMETER PRESSURE IRRIGATION MAIN, TYPE C900 PVC, ITEM 901.4.1.A.1.A
 - 43 12" DIAMETER, PRESSURE IRRIGATION VALVE, TYPE FLX/MJ, ITEM 902.4.1.A.1
 - 136 12" DUCTILE IRON BLIND FLANGE, ITEM 401.4.1.A.1.B
 - 142 ADJUST EXISTING WATER MAIN TO PROVIDE MINIMUM 48" COVER, ITEM 401.4.1.A.1.C
 - 146 CONCRETE THRUST BLOCK, ITEM 401.4.1.A.1.B



- ### UTILITIES
- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - P RELOCATE/ADJUST BY IDAHO POWER
 - T RELOCATE/ADJUST BY LUMEN
 - TS RELOCATE/ADJUST BY SYRINGA
 - TZ RELOCATE/ADJUST BY ZAYO
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

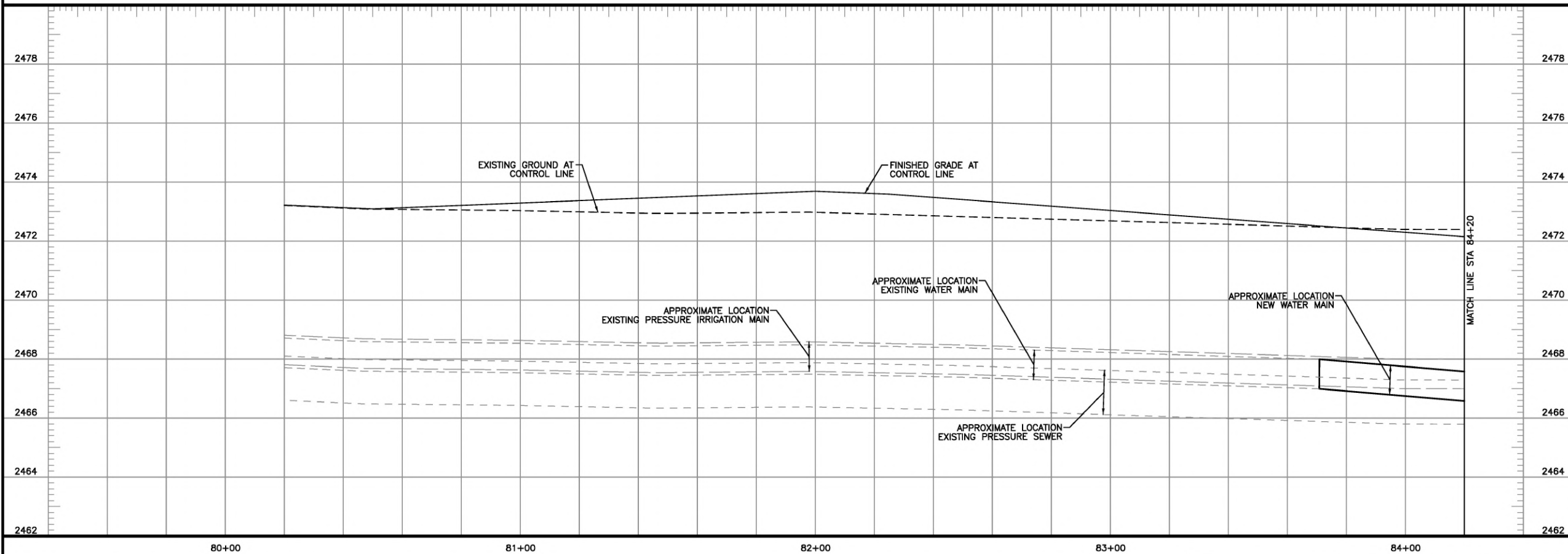
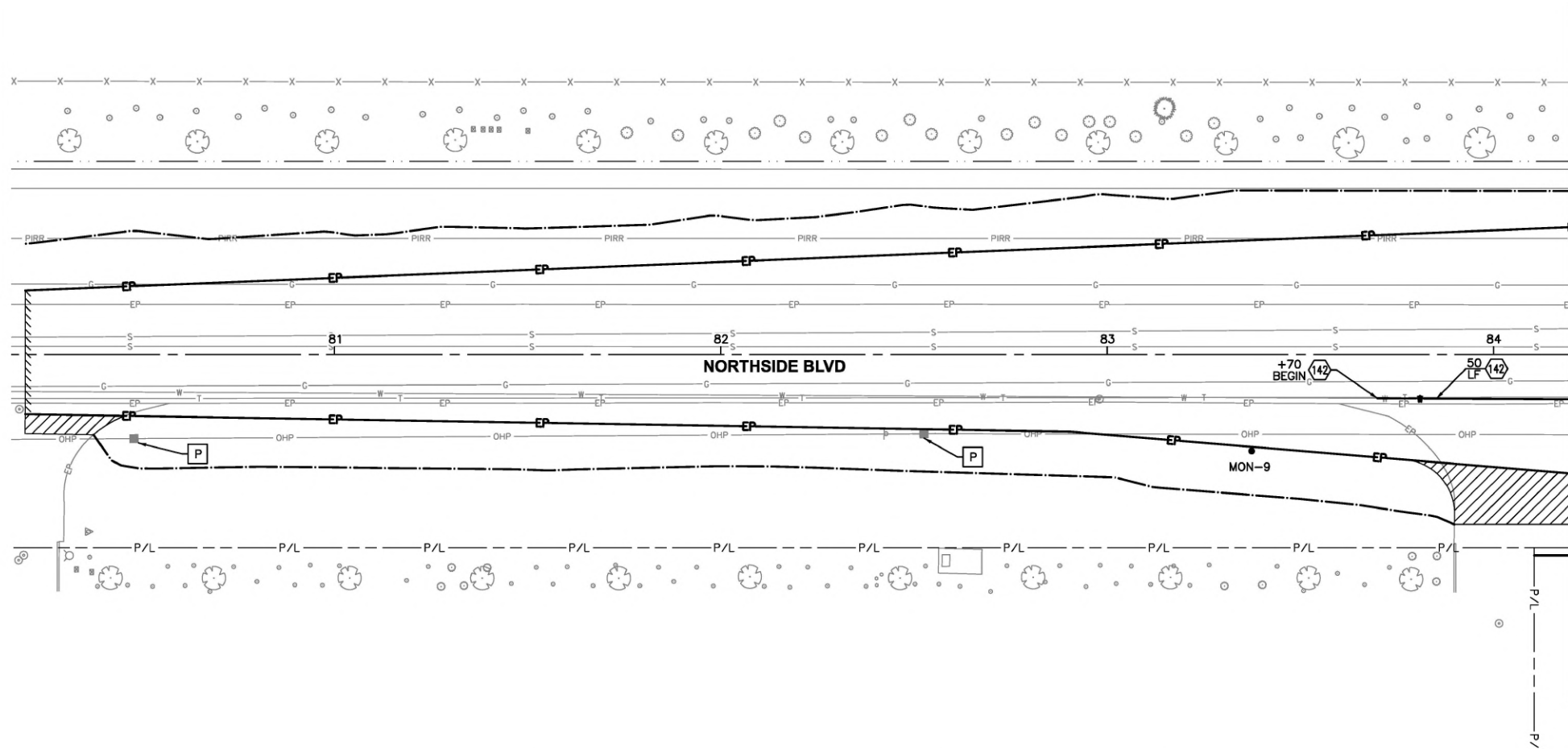
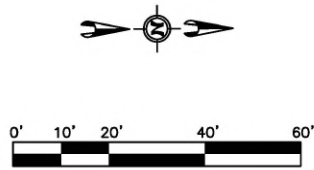


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| | Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24 | DRAINAGE AND WATER PLAN |



NOTES

(142) ADJUST EXISTING WATER MAIN TO PROVIDE MINIMUM 48" COVER, ITEM 401.4.1.A.1.C



UTILITIES

- (P) RELOCATE/ADJUST BY IDAHO POWER
- 1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.

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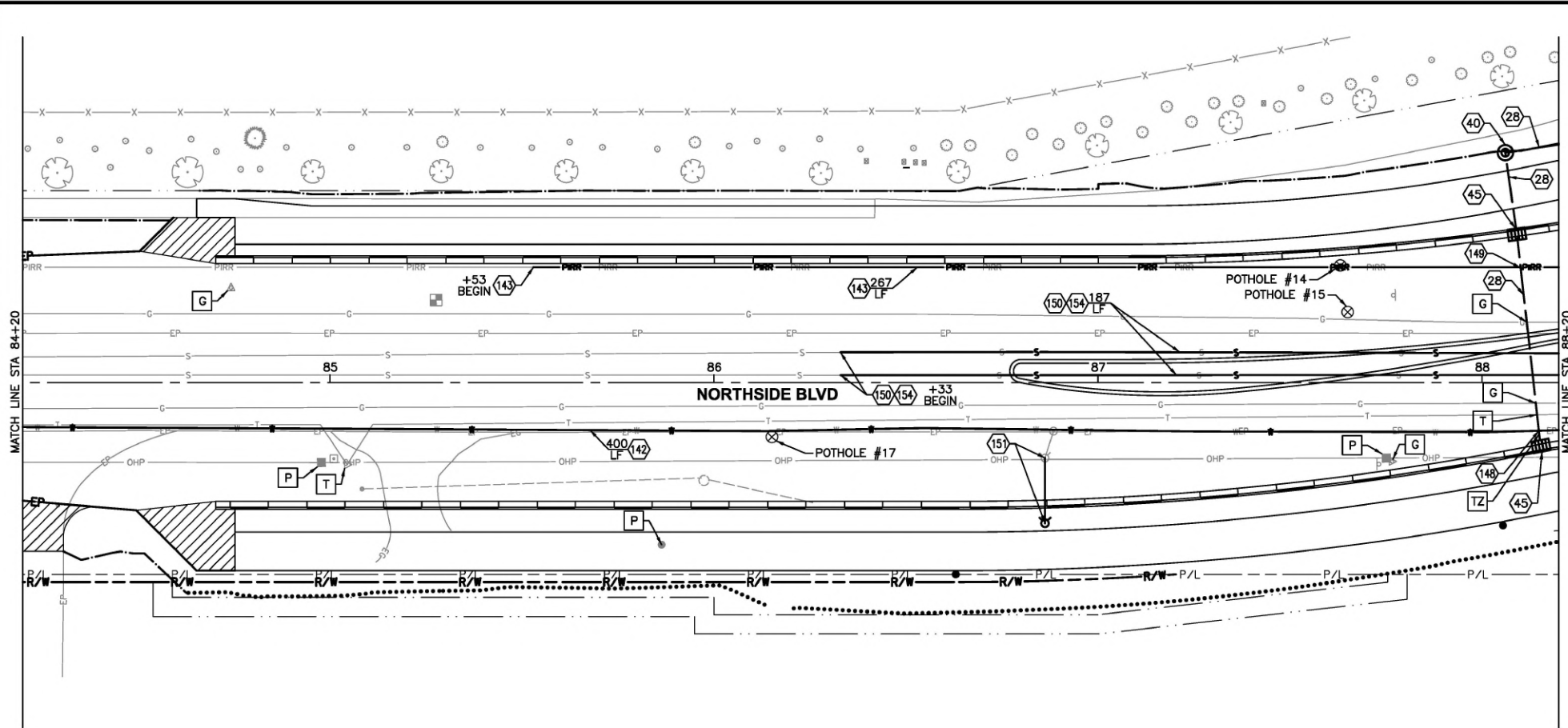
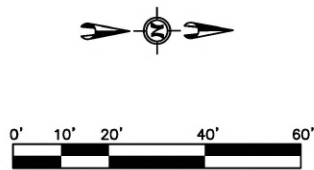
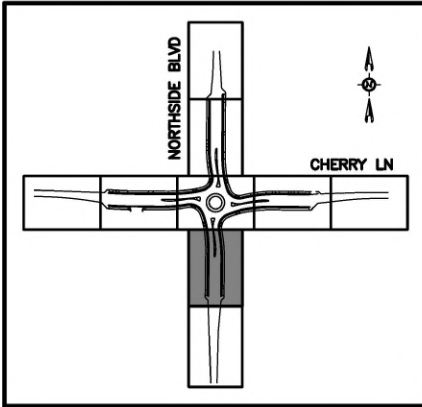
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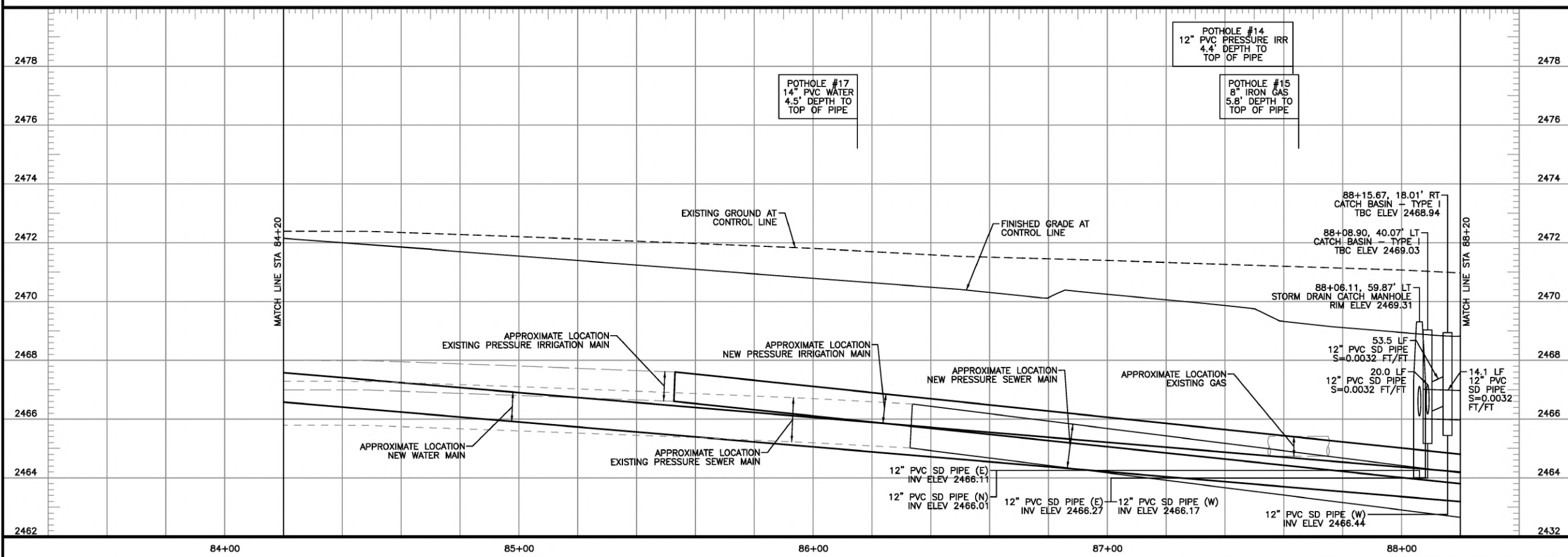
• S H E E T T I T L E •

DRAINAGE AND WATER PLAN



NOTES

- (28) 12" DRAINAGE PIPE, CLASS C900 PVC, ITEM 601.4.1.A.5.12
- (40) STORM DRAIN OR GRAVITY IRRIGATION CATCH MANHOLE--SIZE 48", ITEM 602.4.1.E.1.48
- (45) CATCH BASIN, TYPE I, ITEM 602.4.1.F.1
- (142) ADJUST EXISTING WATER MAIN TO PROVIDE MINIMUM 48" COVER, ITEM 401.4.1.A.1.C
- (143) ADJUST EXISTING PRESSURE IRRIGATION MAIN TO PROVIDE MINIMUM 42" COVER, ITEM 901.4.1.A.1.B
- (148) ADJUST EXISTING WATER MAIN TO AVOID NEW STORM DRAIN PIPE, ITEM 401.4.1.A.1.B
- (149) ADJUST EXISTING PRESSURE IRRIGATION MAIN TO AVOID NEW STORM DRAIN PIPE, ITEM 901.4.1.A.1
- (150) ADJUST EXISTING 12" PRESSURE SEWER MAIN TO PROVIDE MINIMUM 48" COVER, ITEM 505.4.1.C.1.A
- (151) HYDRANT - REMOVE AND RESET FIRE HYDRANT, ITEM 403.4.1.A.1.A
- (154) ADJUST EXISTING 18" PRESSURE SEWER MAIN TO PROVIDE MINIMUM 48" COVER, ITEM 505.4.1.C.1.B



UTILITIES

- G RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - P RELOCATE/ADJUST BY IDAHO POWER
 - T RELOCATE/ADJUST BY LUMEN
 - TZ RELOCATE/ADJUST BY ZAYO
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.



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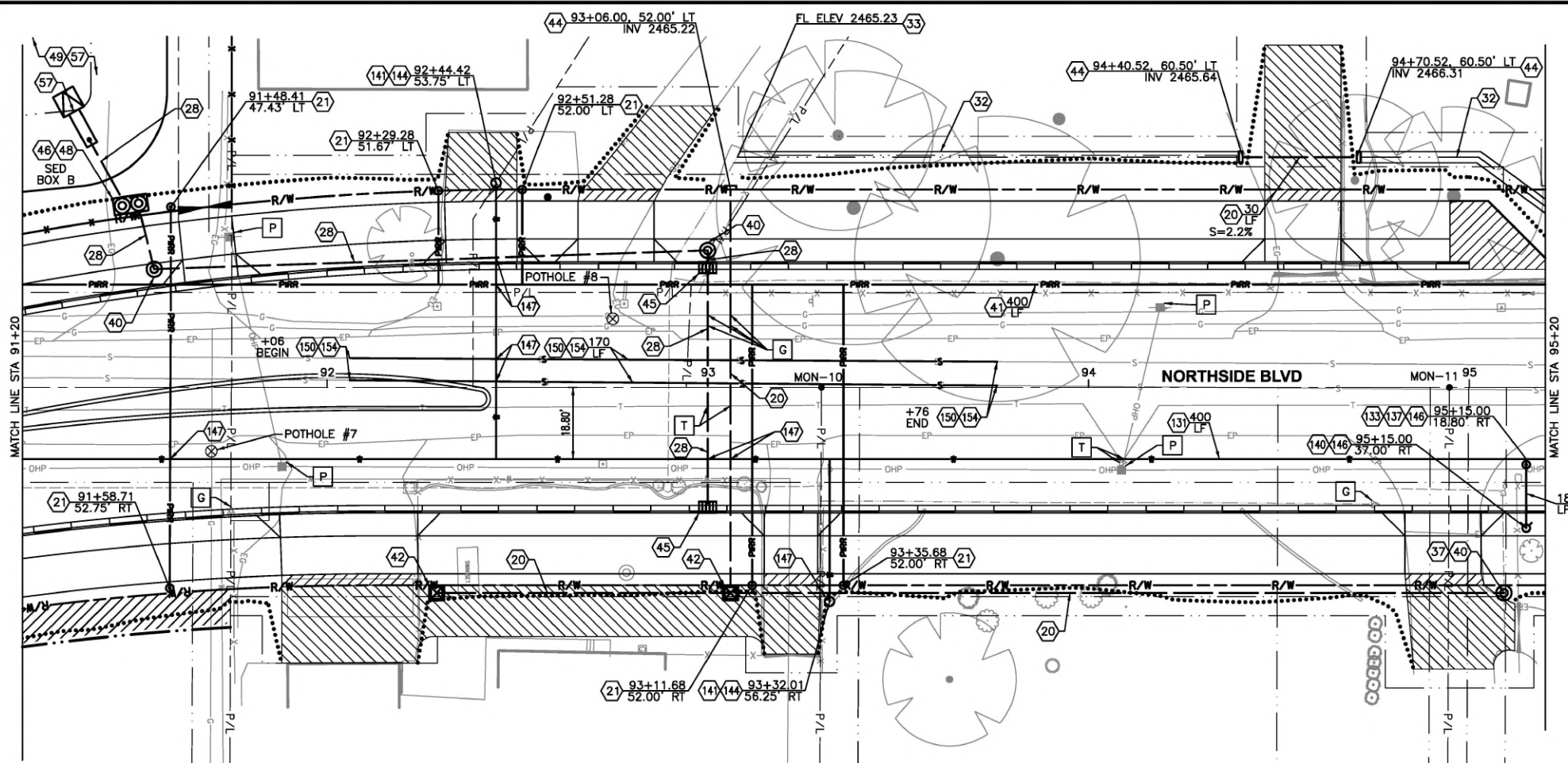
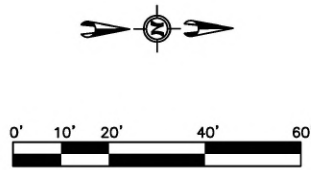
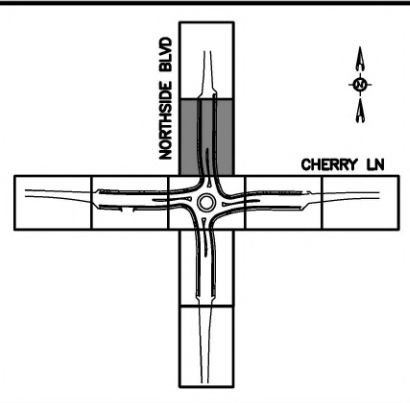
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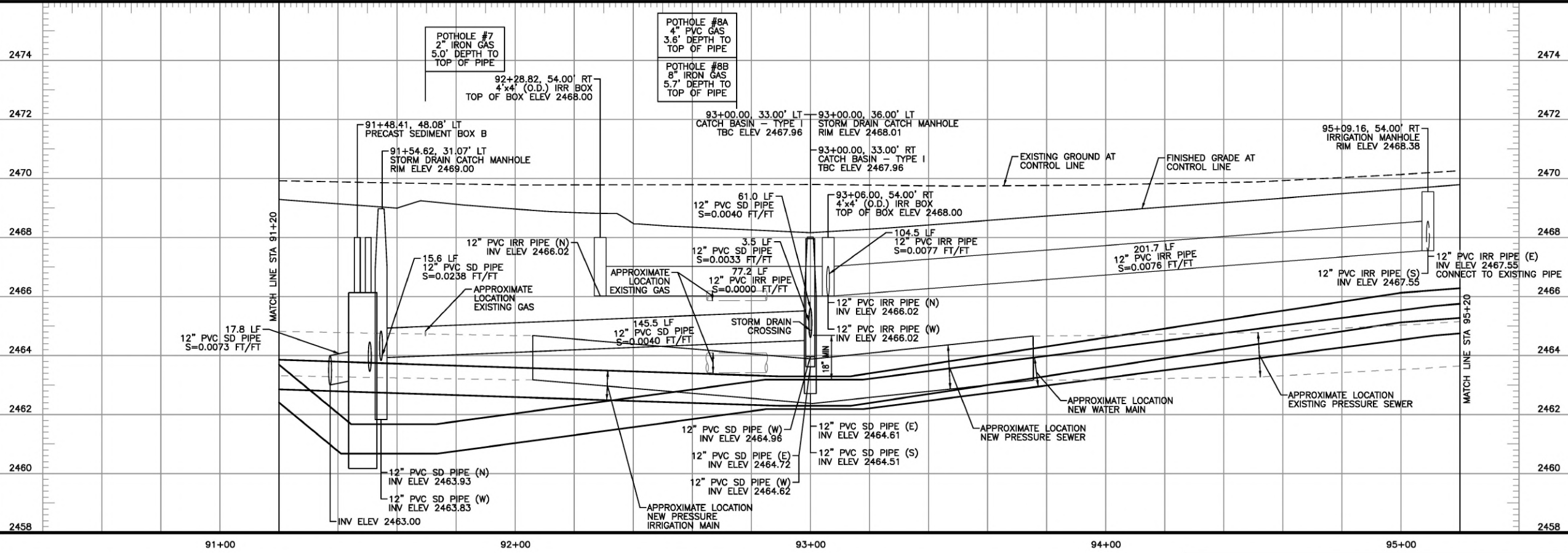
Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

SHEET TITLE

DRAINAGE AND WATER PLAN



- ### NOTES
- (20) 12" GRAVITY IRRIGATION PIPE, CLASS C900 PVC, ITEM 601.4.1.A.5.12
 - (21) 1" DIAMETER PRESSURE IRRIGATION PIPE SERVICE TYPE PE, ITEM 903.4.1.A.1
 - (28) 12" DRAINAGE PIPE, CLASS C900 PVC, ITEM 601.4.1.A.5.12
 - (32) IRRIGATION DITCH, SIZE 3' WIDE X 1' DEEP, ITEM 602.4.1.0.1
 - (33) CONNECT TO EXISTING DITCH, ITEM 602.4.1.0.1
 - (37) CONNECT TO EXISTING PIPE, ITEM 602.4.1.E.1.48
 - (40) STORM DRAIN OR GRAVITY IRRIGATION CATCH MANHOLE-SIZE 48", ITEM 602.4.1.E.1.48
 - (41) 12" DIAMETER PRESSURE IRRIGATION MAIN, TYPE C900 PVC, ITEM 901.4.1.A.1.A
 - (42) CONCRETE IRRIGATION BOX - SIZE 4'X4' O.D., ITEM 602.4.1.M.1
 - (44) CONCRETE HEADWALL, ITEM SP 09022B
 - (45) CATCH BASIN, TYPE I, ITEM 602.4.1.F.1
 - (46) PRECAST SEDIMENT BOX - SIZE 1000 GAL, ITEM 601.4.1.H.1
 - (48) SEE STORM DRAIN DETAILS.
 - (49) INFILTRATION FACILITIES (BIORETENTION BASIN), ITEM 207.4.1.B.3
 - (57) SEE STORM DRAIN BASIN DETAIL.
 - (130) 6" PVC, AWWA C900, DR18 WATER MAIN, ITEM 401.4.1.A.1.A
 - (131) 12" PVC, AWWA C900, DR18 WATER MAIN, ITEM 401.4.1.A.1.B
 - (133) 6" GATE VALVE, FLxMJ, ITEM 402.4.1.A.1.A
 - (137) 12"x12"x6" DUCTILE IRON TEE, FLxFLxFL, ITEM 401.4.1.A.1.B
 - (140) HYDRANT, ITEM 403.4.1.A.1.B
 - (141) WATER SERVICE CONNECTION, SIZE 1-1/2", ITEM 404.4.1.A.1
 - (144) WATER SERVICE CONNECTION TO HOUSE, ITEM SP 04041
 - (146) CONCRETE THRUST BLOCK, ITEM 401.4.1.A.1.B
 - (147) NON-POTABLE PIPE CROSSING
 - (150) ADJUST EXISTING 12" PRESSURE SEWER MAIN TO PROVIDE MINIMUM 48" COVER, ITEM 505.4.1.C.1.A
 - (154) ADJUST EXISTING 18" PRESSURE SEWER MAIN TO PROVIDE MINIMUM 48" COVER, ITEM 505.4.1.C.1.B



- ### UTILITIES
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 - T RELOCATE/ADJUST BY LUMEN
1. CALL DIGLINE 72 HOURS PRIOR TO EXCAVATION TO REQUEST UNDERGROUND UTILITY LOCATIONS. TELEPHONE 1-800-342-1585.



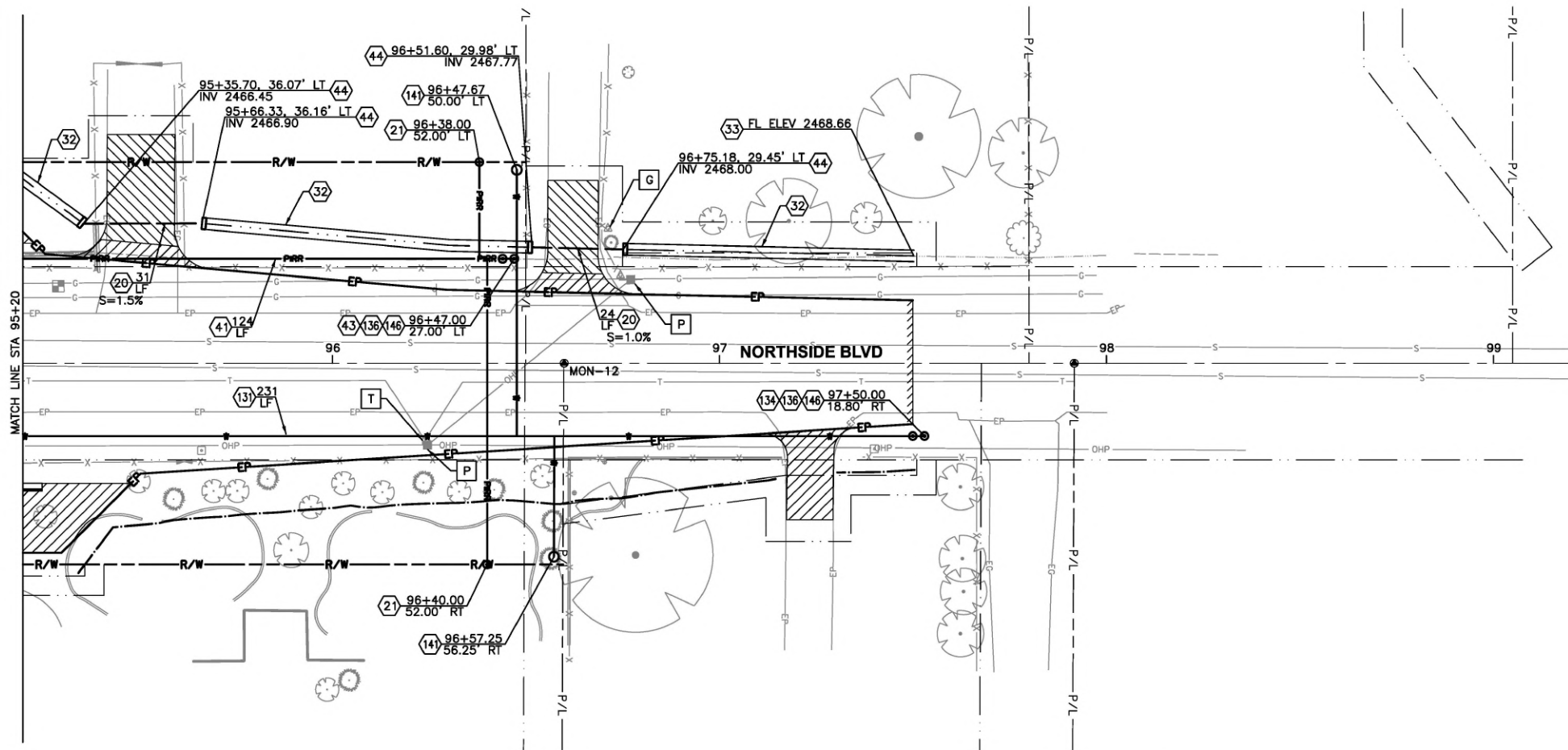
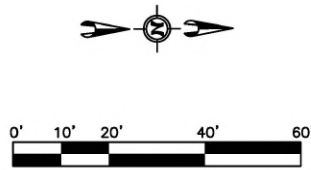
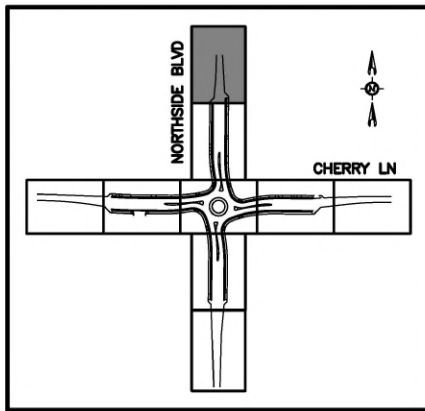
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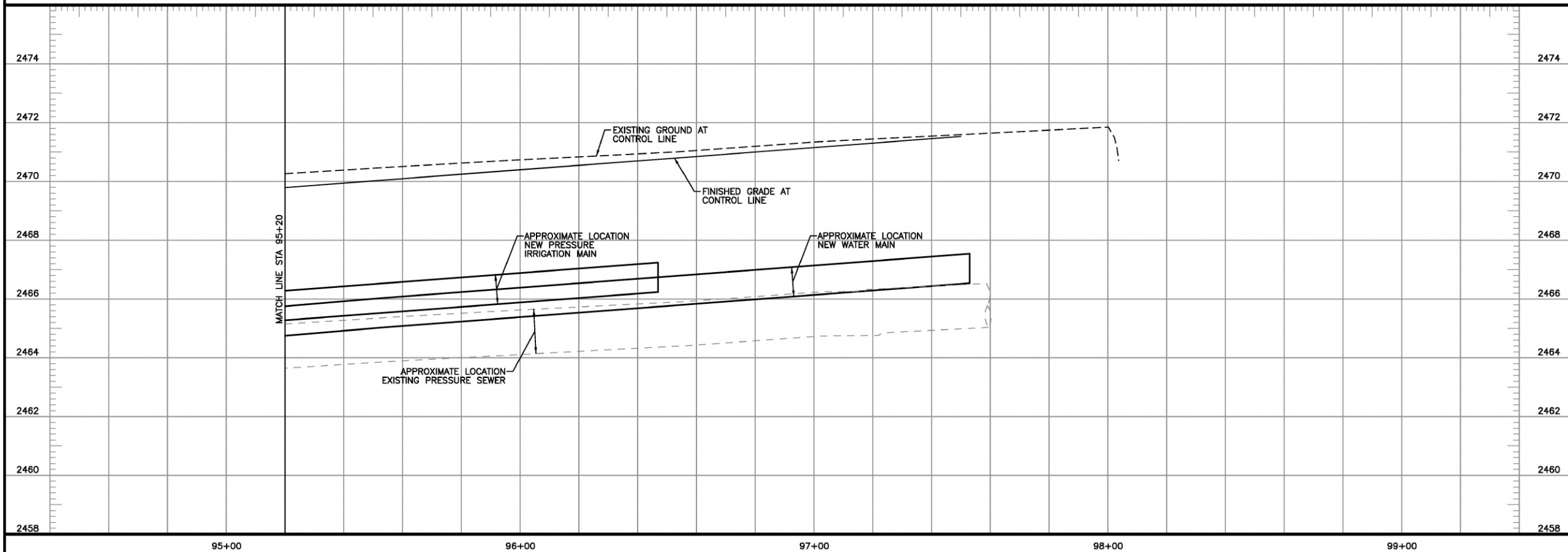
Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

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DRAINAGE AND WATER PLAN



- ### NOTES
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 - (21) 1" DIAMETER PRESSURE IRRIGATION PIPE SERVICE TYPE PE, ITEM 903.4.1.A.1
 - (32) IRRIGATION DITCH, SIZE 3' WIDE X 1' DEEP, ITEM 602.4.1.0.1
 - (33) CONNECT TO EXISTING DITCH, ITEM 602.4.1.0.1
 - (41) 12" DIAMETER PRESSURE IRRIGATION MAIN, TYPE C900 PVC, ITEM 901.4.1.A.1.A
 - (43) 12" DIAMETER, PRESSURE IRRIGATION VALVE, TYPE FLxMJ, ITEM 902.4.1.A.1
 - (44) CONCRETE HEADWALL, ITEM SP 09022B
 - (131) 12" PVC, AWWA C900, DR18 WATER MAIN, ITEM 401.4.1.A.1.B
 - (134) 12" GATE VALVE, FLxMJ, ITEM 402.4.1.A.1.B
 - (136) 12" DUCTILE IRON BLIND FLANGE, ITEM 401.4.1.A.1.B
 - (141) WATER SERVICE CONNECTION, SIZE 1-1/2", ITEM 404.4.1.A.1
 - (146) CONCRETE THRUST BLOCK, ITEM 401.4.1.A.1.B



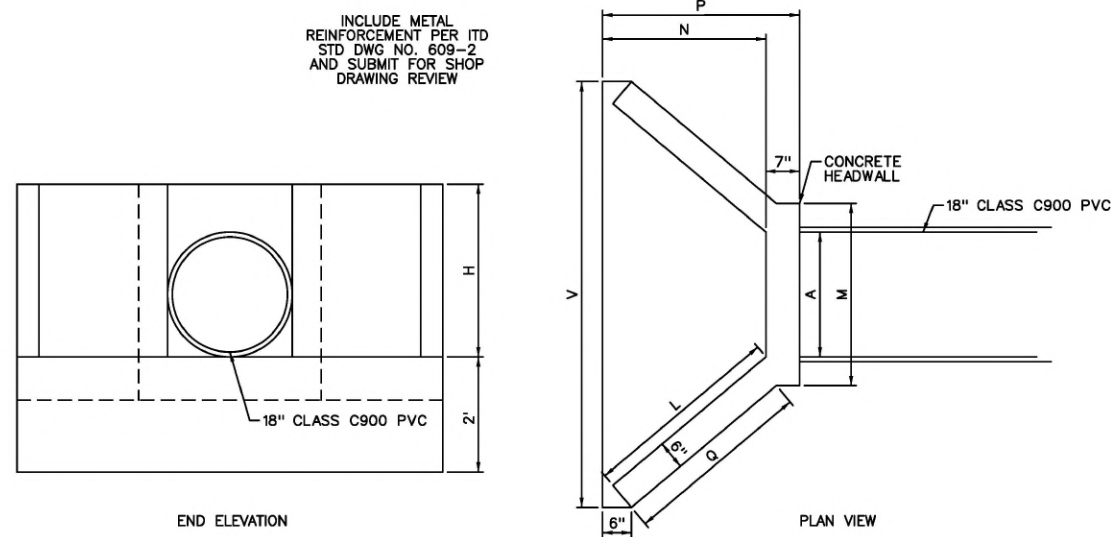
- ### UTILITIES
- (G) RELOCATE/ADJUST BY INTERMOUNTAIN GAS
 - (P) RELOCATE/ADJUST BY IDAHO POWER
 - (T) RELOCATE/ADJUST BY LUMEN
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| Revisions: | SIGNATURES | SHEET TITLE DRAINAGE AND WATER PLAN |
| Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24 | Six Mile Engineering | |

NOTES

1. ALL INLETS, MANHOLES, AND SEDIMENT BOXES SHALL BE HS25 OR GREATER LOAD RATED.
2. GRADE RINGS MUST NOT EXCEED 1' IN HEIGHT. USE 24" DIAMETER RISER WHEN DISTANCE BETWEEN TOP OF SEDIMENT BOX AND BOTTOM OF MANHOLE FRAME IS GREATER THAN 1'. USE MANHOLE CONE AND 48" DIAMETER RISER WHEN DISTANCE EXCEEDS 2'.
3. CONSTRUCT THE WATER SYSTEM TO CONFORM TO THE STANDARDS IN THE "IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS (IDAPA 58.01.08)" AS WELL AS ISPMC AND CITY OF NAMPA STANDARDS.
4. PROVIDE A MINIMUM OF TEN (10) FEET HORIZONTAL SEPARATION OF POTABLE WATER MAINS AND NON-POTABLE WATER MAINS (SANITARY SEWER, STORM DRAIN, AND IRRIGATION). WHERE IT IS NECESSARY FOR A POTABLE WATER MAIN AND NON-POTABLE WATER MAIN TO CROSS WITH LESS THAN EIGHTEEN (18) INCHES OF VERTICAL SEPARATION, CONSTRUCT THE CROSSING IN ACCORDANCE WITH SECTION 542.07 OF THE IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS (IDAPA 58.01.08) AND SECTION 430.02 OF THE WASTEWATER RULES (IDAPA 58.01.16).
5. PROVIDE A MINIMUM OF SIX (6) FEET HORIZONTAL SEPARATION OF NON-POTABLE SERVICES AND POTABLE WATER SERVICES OR POTABLE WATER MAINS. WHERE IT IS NECESSARY FOR A POTABLE WATER MAIN AND NON-POTABLE WATER MAIN TO CROSS WITH LESS THAN EIGHTEEN (18) INCHES OF VERTICAL SEPARATION, CONSTRUCT THE CROSSING IN ACCORDANCE WITH SECTION 542.07 OF THE IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS (IDAPA 58.01.08) AND SECTION 430.02 OF THE WASTEWATER RULES (IDAPA 58.01.16).
6. PLACE WATER SERVICE LINES IN A TWO (2) INCH DIAMETER PIPE WHEREVER THE SERVICE LINE CROSSES A STORM WATER TREATMENT FACILITY (I.E. SEEPAGE BEDS, DRAINAGE SWALES).
7. PROVIDE CONTINUOUS WATER SERVICE TO ALL EXISTING WATER USERS AFFECTED BY CONSTRUCTION. IF WATER SERVICE MUST BE INTERRUPTED, COORDINATE WITH THE PUBLIC WORKS INSPECTOR.
8. TRENCH DEWATERING MAY BE REQUIRED TO COMPLETE CONSTRUCTION ACTIVITIES. CONTRACTOR IS REQUIRED TO OBTAIN NECESSARY PERMITS AND APPROVALS PRIOR TO STARTING DEWATERING.
9. ALL PRODUCTS USED TO CONSTRUCT A PUBLIC DRINKING WATER SYSTEM AND WILL BE IN CONTACT WITH POTABLE WATER MUST BE CERTIFIED BY AN ACCREDITED ANSI CERTIFICATION BODY TO MEET APPLICABLE ANSI/NSF STANDARDS.

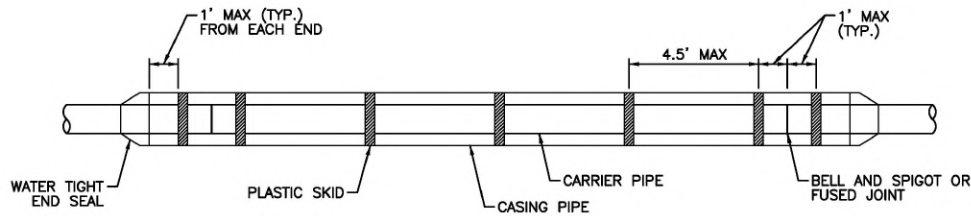


MINIMUM DIMENSIONS TABLE

| PIPE DIA. | A | H | L | M | N | P | Q | V |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|
| 18 | 19 1/2 | 27 1/2 | 33 3/8 | 31 1/2 | 27 1/2 | 34 1/4 | 30 3/8 | 71 1/4 |

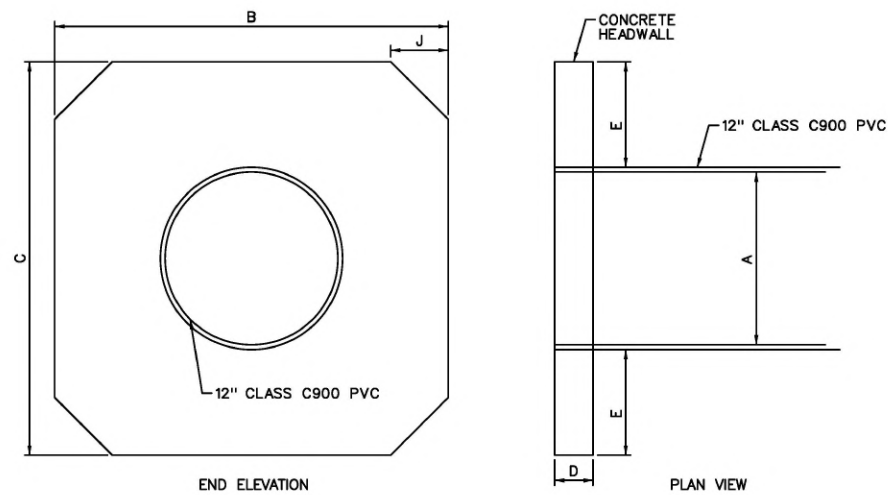
**CONCRETE HEADWALL
STA 24+26**

NOT TO SCALE
ITEM SP 09022A
SEE ITD STD DWG NO. 609-2
FOR ADDITIONAL INFORMATION



WATER MAIN CASING DETAIL

NOT TO SCALE
INSTALL CASING PIPE AT THE SAME SLOPE AS THE CARRIER PIPE AND CENTER THE CARRIER PIPE INSIDE THE CASING PIPE.
FILL THE ENTIRE ANNULAR SPACE BETWEEN THE CASING AND THE CARRIER PIPE IN ACCORDANCE WITH THE ISPMC AND THE CITY OF NAMPA SUPPLEMENTAL SPECIFICATIONS

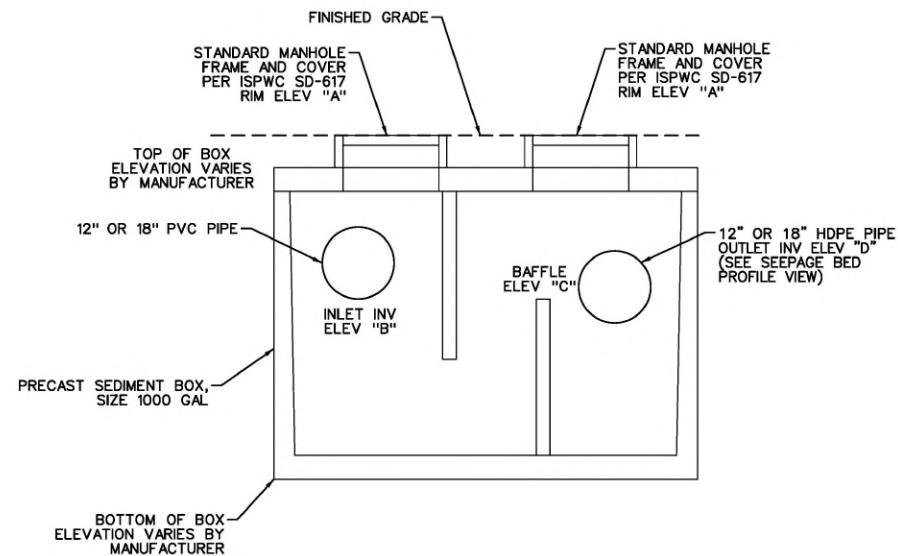


MINIMUM DIMENSIONS TABLE

| PIPE DIA. | A | B | C | D | E | J |
|-----------|----|----|---|---|---|---|
| 12 | 27 | 27 | 3 | 7 | 4 | |

CONCRETE HEADWALL

NOT TO SCALE
ITEM SP 09022B
SEE ITD STD DWG NO. 609-6
FOR ADDITIONAL INFORMATION



SEDIMENT BOX DETAIL

NOT TO SCALE
ITEM 602.4.1.H.1 UNLESS OTHERWISE NOTED

ELEVATION TABLE

| DESCRIPTION | SED A | SED B |
|---------------------|----------|----------|
| RIM ELEV "A" | 2469.70 | 2468.00 |
| INLET INV ELEV "B" | 2462.53 | 2463.46 |
| BAFFLE ELEV "C" | 2462.45 | 2463.38 |
| OUTLET INV ELEV "D" | 2462.20 | 2463.13 |
| ASSUMED HSGW ELEV | 2455.5 ± | 2455.5 ± |

Revisions:

• SIGNATURES •

• SHEET TITLE •

DRAINAGE AND WATER DETAILS

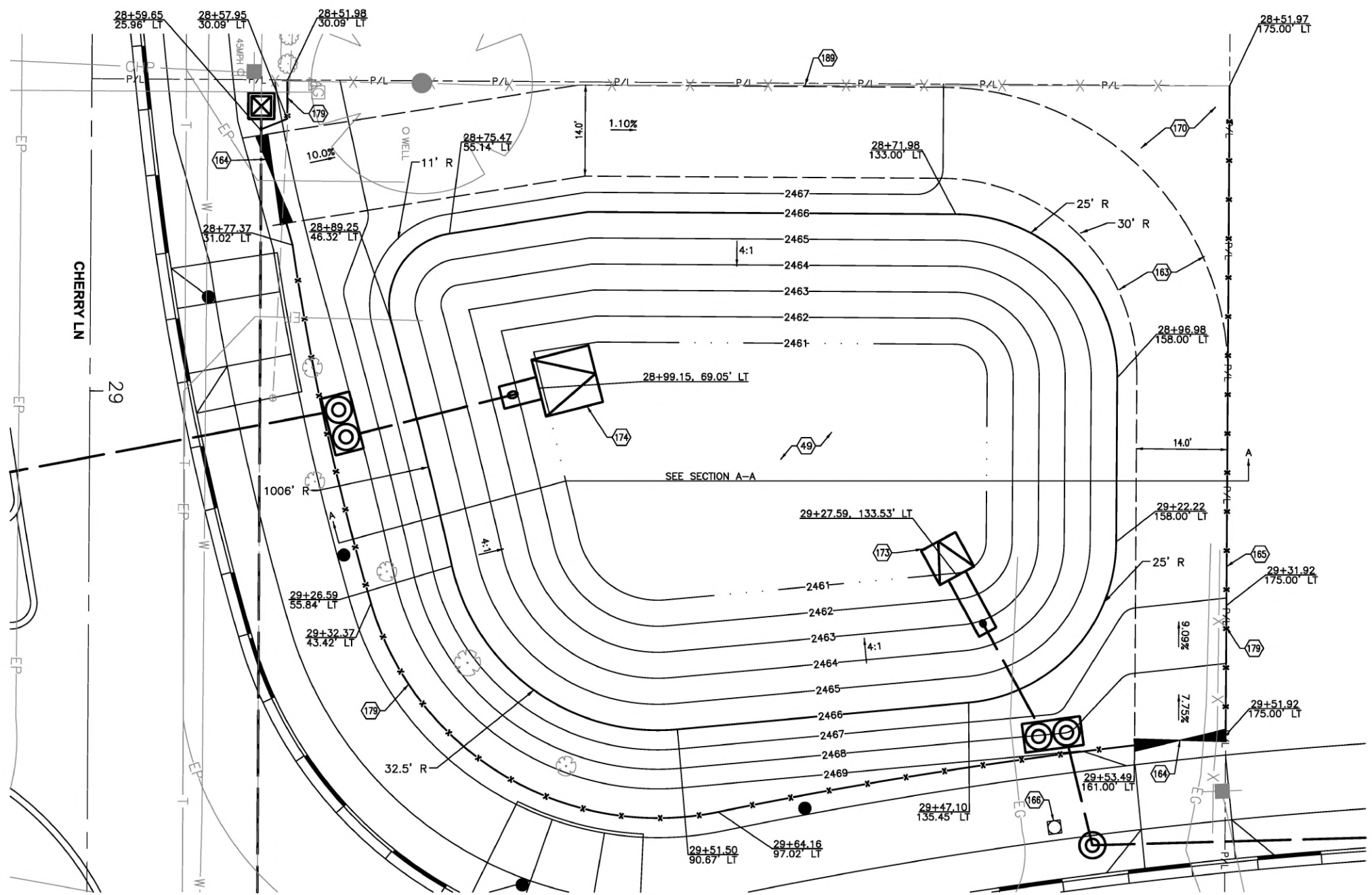
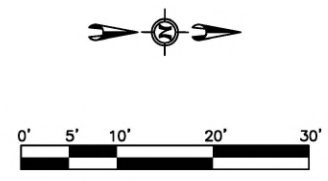
Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

MILE 6 Six Mile Engineering



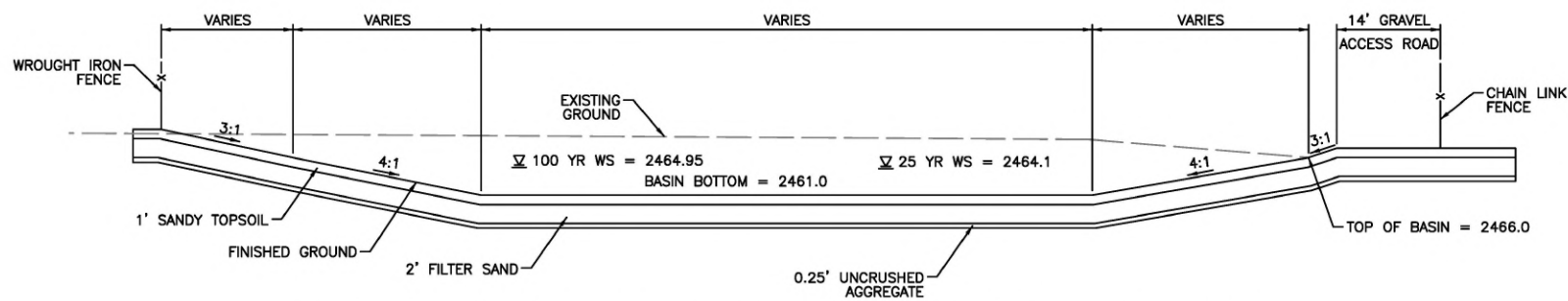
NOTES

- (49) INFILTRATION FACILITIES (BIORETENTION BASIN), ITEM 207.4.1.B.3. INCLUDES TOPSOIL AND HYDROSEED FOR BIORETENTION BASIN
 - (163) GRAVEL ACCESS ROAD - TYPE 1, ITEM 307.4.1.J.1
 - (164) GATES, TYPE 14" SLIDE, WROUGHT IRON, ITEM 2040.4.1.B.1
 - (165) FENCE, TYPE 6' CHAIN LINK, ITEM 2040.4.1.A.1.A
 - (166) GROUNDWATER OBSERVATION WELL, ITEM 602.4.1.Q.1
 - (170) LANDSCAPE ROCK (WITH WEED BARRIER), ITEM SP 29060
 - (173) INLET STRUCTURE, SIZE 12" (NAMPA STANDARD N-1030), ITEM SP 06014A
 - (174) INLET STRUCTURE, SIZE 18" (NAMPA STANDARD N-1030), ITEM SP 06014B
 - (179) FENCE, TYPE 5' WROUGHT IRON, ITEM 2040.4.1.A.1.B
 - (189) RETAIN AND PROTECT EXISTING FENCE
1. THE HIGHEST SEASONAL GROUNDWATER IS ESTIMATED TO BE NO HIGHER THAN ELEVATION 2455.5. IF GROUNDWATER IS ENCOUNTERED HIGHER, CONTACT THE ENGINEER FOR POSSIBLE DESIGN MODIFICATIONS.
 2. SEE CITY OF NAMPA STANDARD CONSTRUCTION SPECIFICATIONS 2023 FOR APPLICABLE ITEMS.



BASIN VOLUME TO ELEVATION 2465 = 17,361 CF
 REQUIRED VOLUME FOR 100-YR STORM = 16,979 CF

STORMWATER BIORETENTION BASIN PLAN

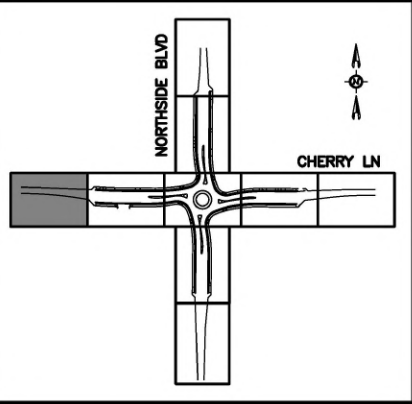


STORMWATER BIORETENTION BASIN SECTION A-A

NOT TO SCALE
 ITEM 207.4.1.B.3
 UNLESS OTHERWISE NOTED

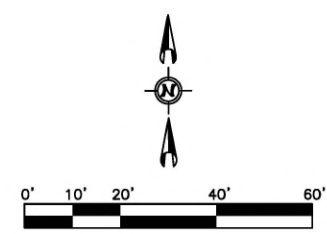
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|------------|---|---|
| Revisions: | <p>• S I G N A T U R E S •</p> <p>Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24</p> | <p>• S H E E T T I T L E •</p> <p>DRAINAGE AND WATER DETAILS</p> |
|------------|---|---|

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 AUGUST 22, 2024
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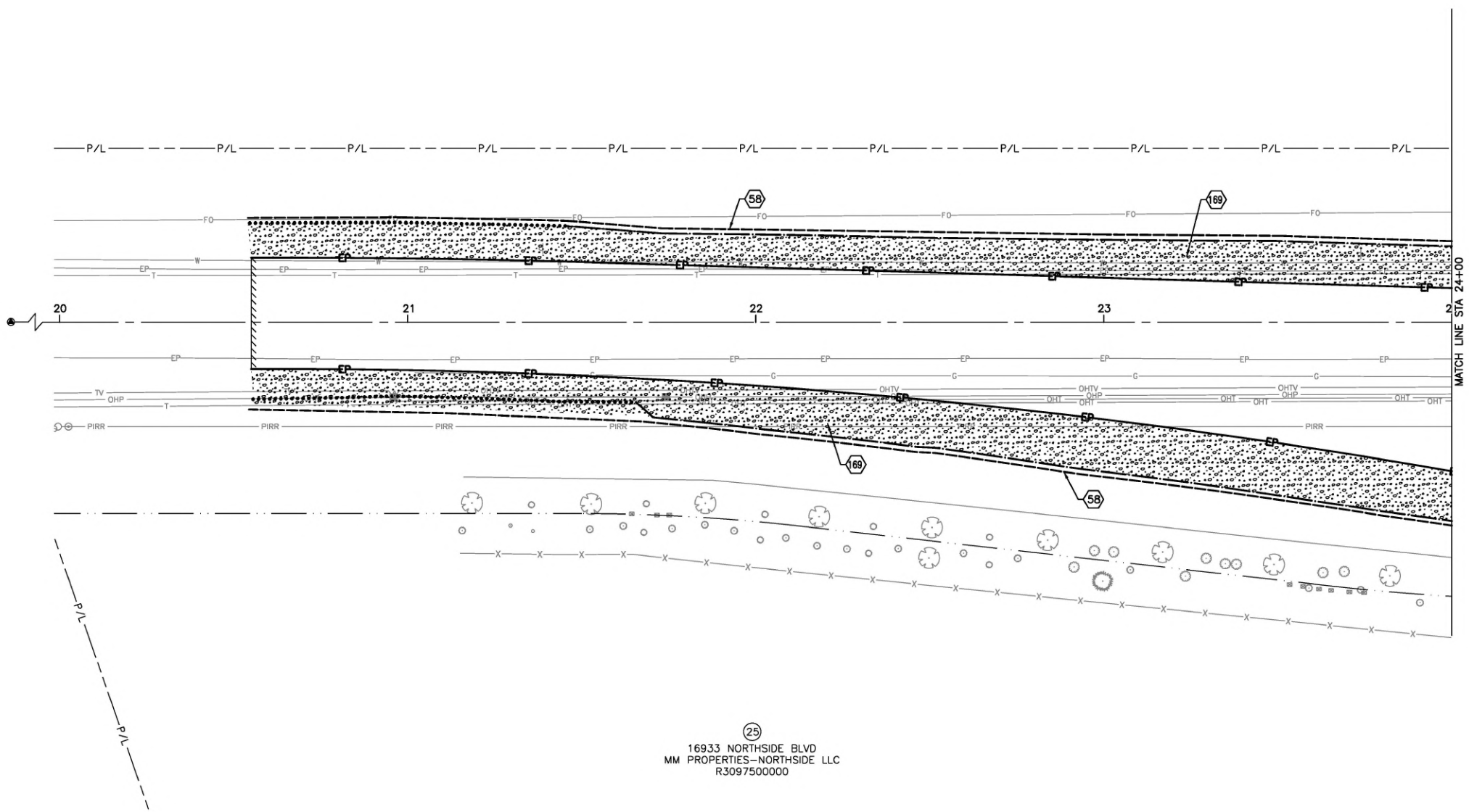
SEC 04, T3N, R2W

①
0 CHERRY LN
COREY D BARTON
R30839011A0



NOTES

- ⑤8 BIOFILTER BAG, ITEM 1003.4.1.B.1
- ①69 GRAVEL CUT/FILL SLOPE, ITEM SP 02021



②5
16933 NORTHSIDE BLVD
MM PROPERTIES-NORTHSIDE LLC
R3097500000

SEC 09, T3N, R2W

LEGEND

- FIBER WATTLE
- ▣ INLET PROTECTION
- ▤ SOD REPAIR
- ▥ HYDROSEED - DRYLAND MIX
- ▧ LANDSCAPE REPAIR
- ▨ LANDSCAPE ROCK (WITH WEED BARRIER)
- ▩ GRAVEL

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Engineering

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SEAN J. HUBER
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SEAN J. HUBER

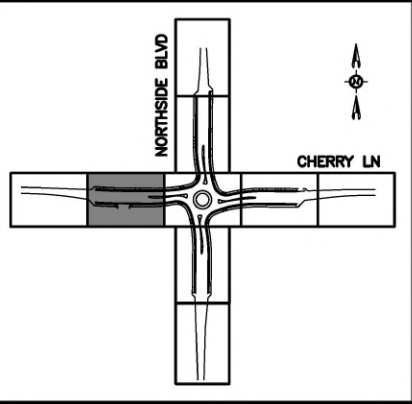
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• SIGNATURES •

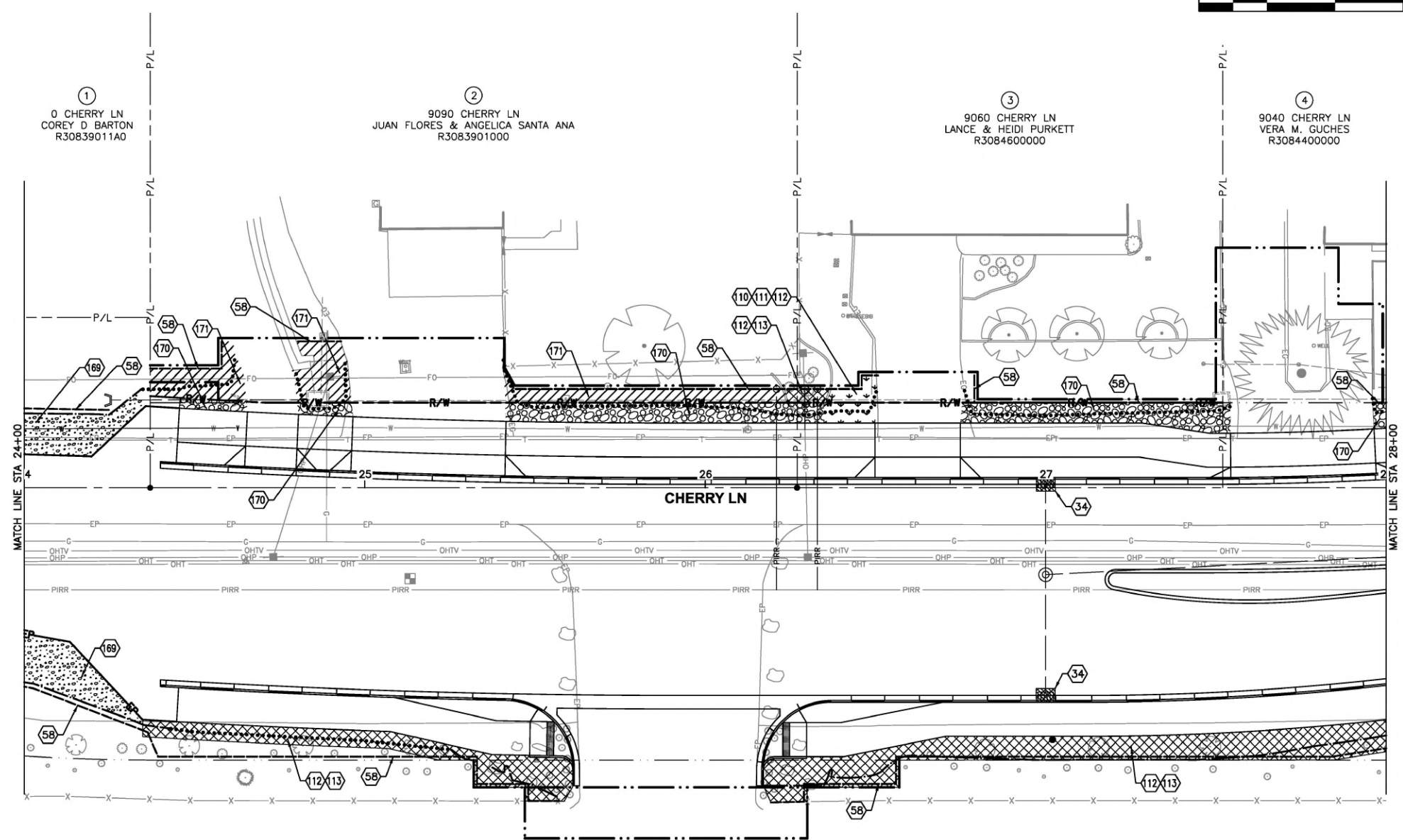
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• SHEET TITLE •

SURFACE REPAIR PLAN



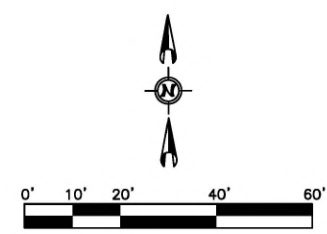
SEC 04, T3N, R2W



SEC 09, T3N, R2W

NOTES

- ③④ INLET PROTECTION, ITEM 1006.4.1.C.1
- ⑤⑧ BIOFILTER BAG, ITEM 1003.4.1.B.1
- ⑪⑩ 4" TOPSOIL, ITEM SP 25050
- ⑪① SOD REPAIR, ITEM SP 29065
- ⑪② REPAIR SPRINKLER SYSTEM, SP 29101
- ⑪③ REPAIR LANDSCAPING, SP 29067
- ⑪⑥ GRAVEL CUT/FILL SLOPE, ITEM SP 02021
- ⑪⑦ LANDSCAPE ROCK (WITH WEED BARRIER), ITEM SP 29060 (PLACE TO PROPERTY LINE).
- ⑪① HYDROSEED, ITEM SP 29055



LEGEND

- FIBER WATTLE
- ⊠ INLET PROTECTION
- ▾ SOD REPAIR
- ▨ HYDROSEED - DRYLAND MIX
- ▩ LANDSCAPE REPAIR
- ▧ LANDSCAPE ROCK (WITH WEED BARRIER)
- GRAVEL

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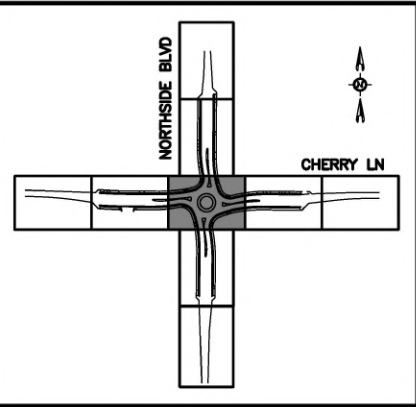
SIX MILE
 6 Engineering

SHEET TITLE
SURFACE REPAIR PLAN

SIGNATURES

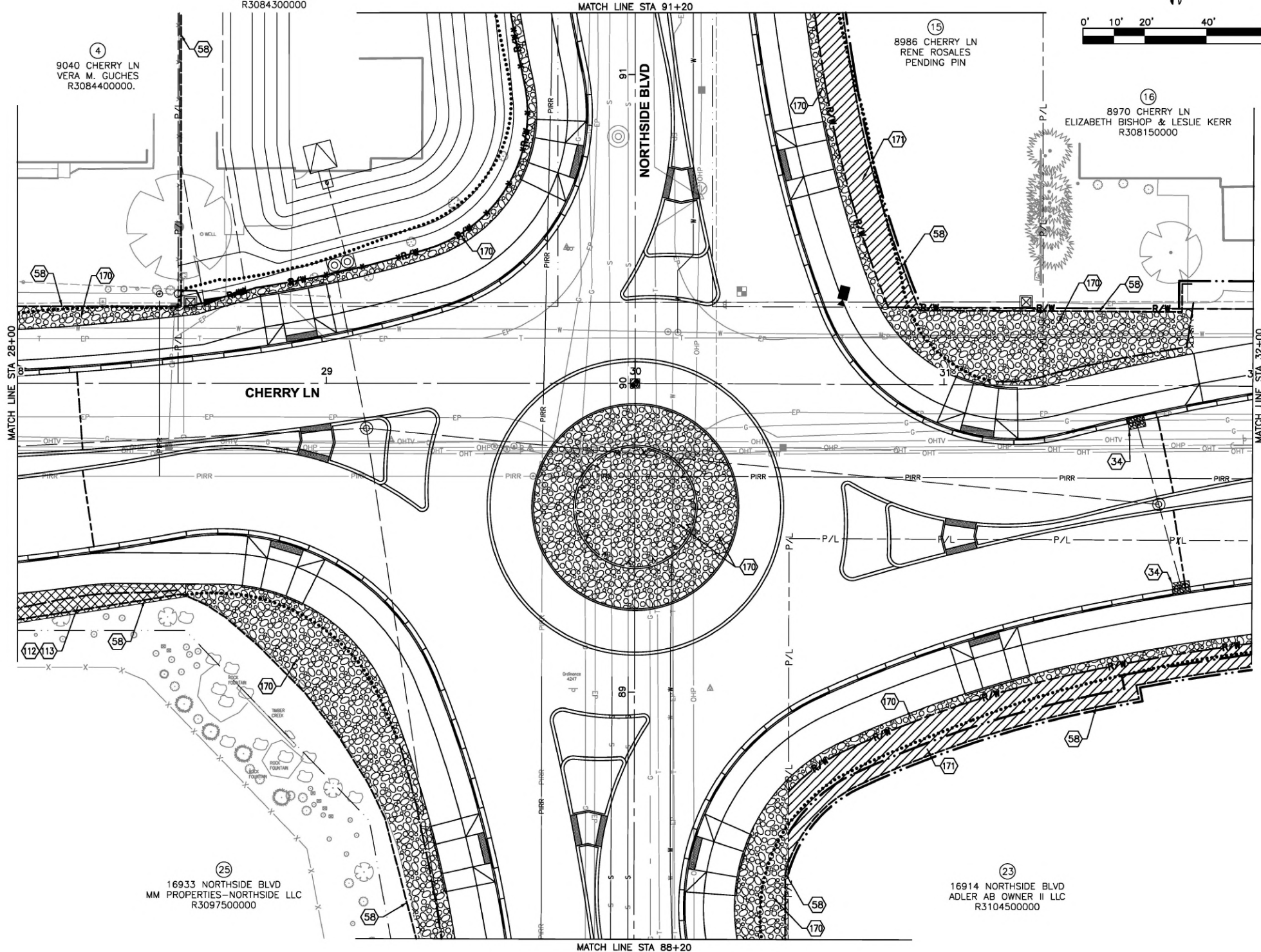
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Revisions:



SEC 04, T3N, R2W

SEC 03, T3N, R2W



SEC 09, T3N, R2W

SEC 10, T3N, R2W

NOTES

- ③4 INLET PROTECTION, ITEM 1006.4.1.C.1
- ⑤8 BIOFILTER BAG, ITEM 1003.4.1.B.1
- ①12 REPAIR SPRINKLER SYSTEM, SP 29101
- ①13 REPAIR LANDSCAPING, SP 29067
- ①70 LANDSCAPE ROCK (WITH WEED BARRIER), ITEM SP 29060 (PLACE TO PROPERTY LINE).
- ①77 HYDROSEED, ITEM SP 29055

LEGEND

- FIBER WATTLE
- ⊠ INLET PROTECTION
- ▭ SOD REPAIR
- ▨ HYDROSEED - DRYLAND MIX
- ▩ LANDSCAPE REPAIR
- ⊞ LANDSCAPE ROCK (WITH WEED BARRIER)
- ▧ GRAVEL

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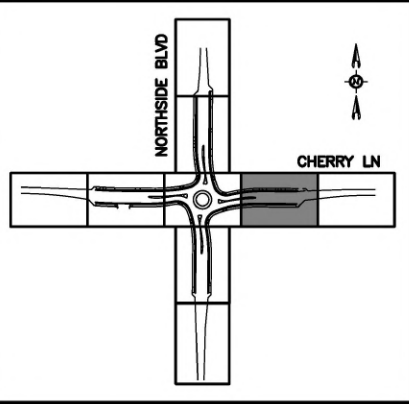
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SHEET TITLE
SURFACE REPAIR PLAN

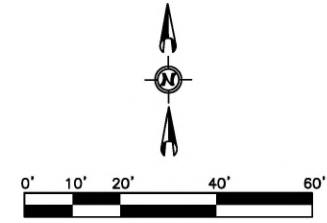
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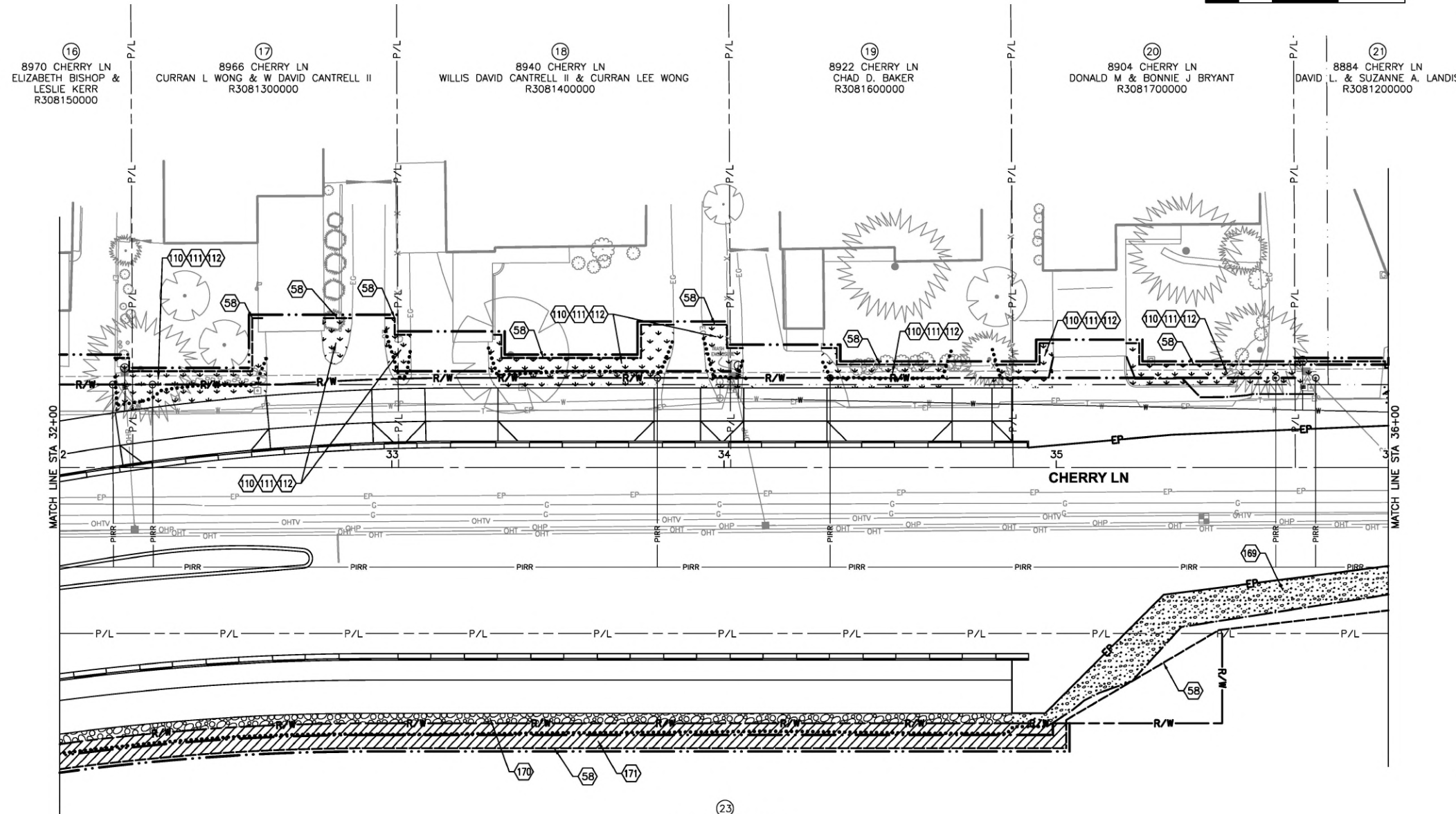


SEC 03, T3N, R2W



NOTES

- (58) BIOFILTER BAG, ITEM 1003.4.1.B.1
- (110) 4" TOPSOIL, ITEM SP 25050
- (111) SOD REPAIR, ITEM SP 29065
- (112) REPAIR SPRINKLER SYSTEM, SP 29101
- (169) GRAVEL CUT/FILL SLOPE, ITEM SP 02021
- (170) LANDSCAPE ROCK (WITH WEED BARRIER), ITEM SP 29060 (PLACE TO PROPERTY LINE).
- (171) HYDROSEED, ITEM SP 29055



(23)
16914 NORTHSIDE BLVD
ADLER AB OWNER II LLC
R31045000

SEC 10, T3N, R2W

LEGEND

- FIBER WATTLE
- [Symbol] INLET PROTECTION
- [Symbol] SOD REPAIR
- [Symbol] HYDROSEED - DRYLAND MIX
- [Symbol] LANDSCAPE REPAIR
- [Symbol] LANDSCAPE ROCK (WITH WEED BARRIER)
- [Symbol] GRAVEL

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15633
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JENNIFER E. HUBB

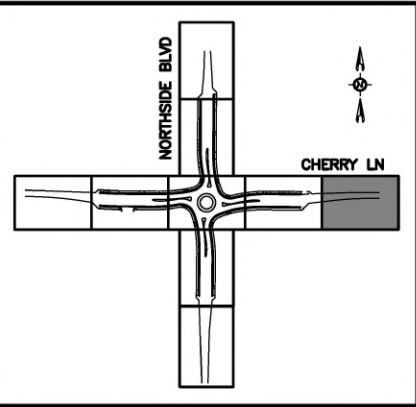
SIX MILE
6 Engineering

SHEET TITLE
SURFACE REPAIR PLAN

SIGNATURES

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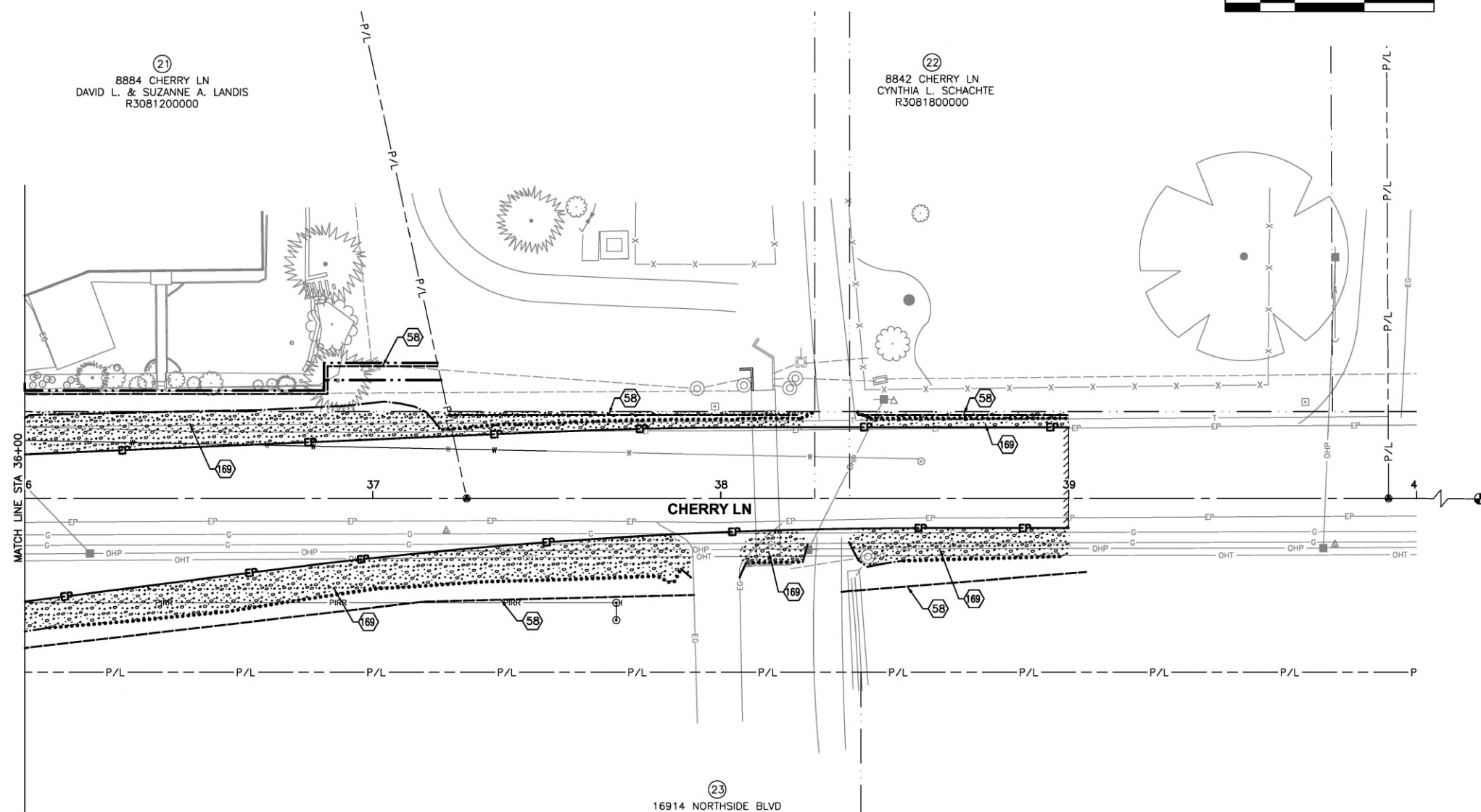
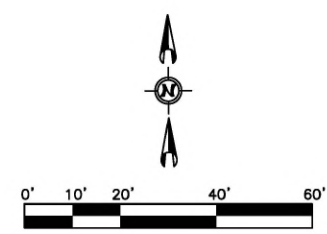
Revisions:



SEC 03, T3N, R2W

NOTES

- 58 BIOFILTER BAG, ITEM 1003.4.1.B.1
- 169 GRAVEL CUT/FILL SLOPE, ITEM SP 02021



SEC 10, T3N, R2W

LEGEND

- FIBER WATTLE
- ▣ INLET PROTECTION
- ▤ SOD REPAIR
- ▥ HYDROSEED - DRYLAND MIX
- ▧ LANDSCAPE REPAIR
- ▨ LANDSCAPE ROCK (WITH WEED BARRIER)
- ▩ GRAVEL

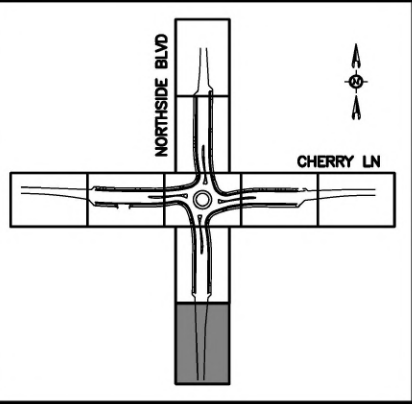
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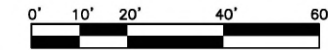
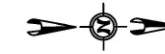
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SHEET TITLE
SURFACE REPAIR PLAN



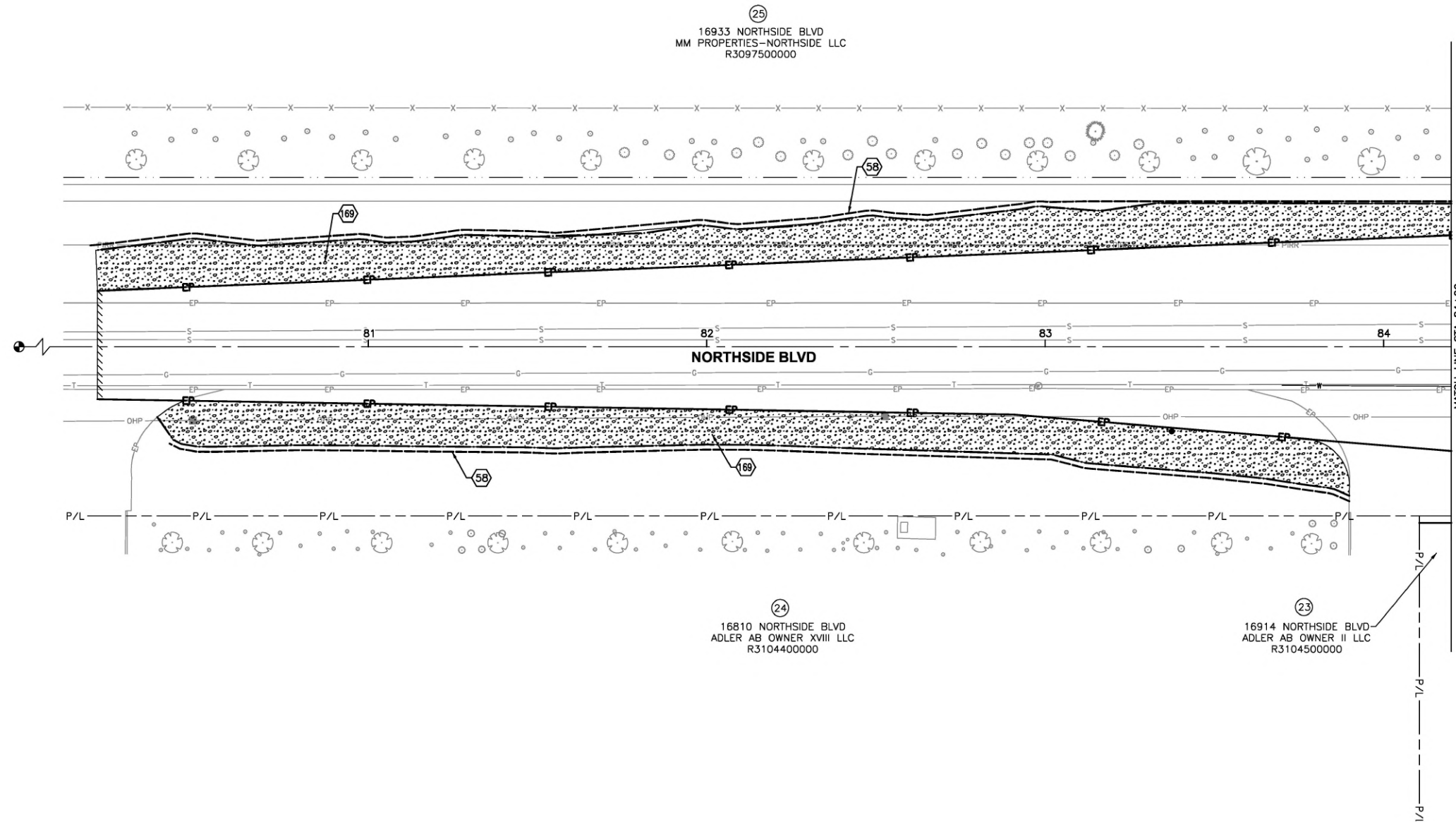


SEC 09, T3N, R2W



NOTES

- 58 BIOFILTER BAG, ITEM 1003.4.1.B.1
- 189 GRAVEL CUT/FILL SLOPE, ITEM SP 02021



SEC 10, T3N, R2W

LEGEND

- FIBER WATTLE
- ▣ INLET PROTECTION
- ▣ SOD REPAIR
- ▨ HYDROSEED - DRYLAND MIX
- ▩ LANDSCAPE REPAIR
- ▧ LANDSCAPE ROCK (WITH WEED BARRIER)
- ▦ GRAVEL

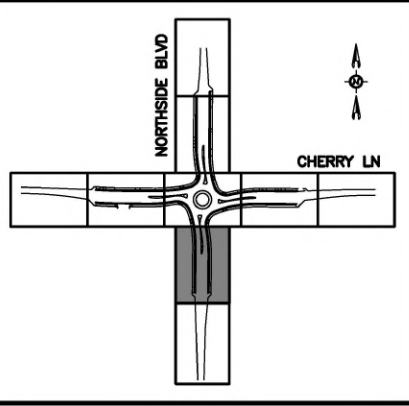


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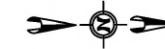
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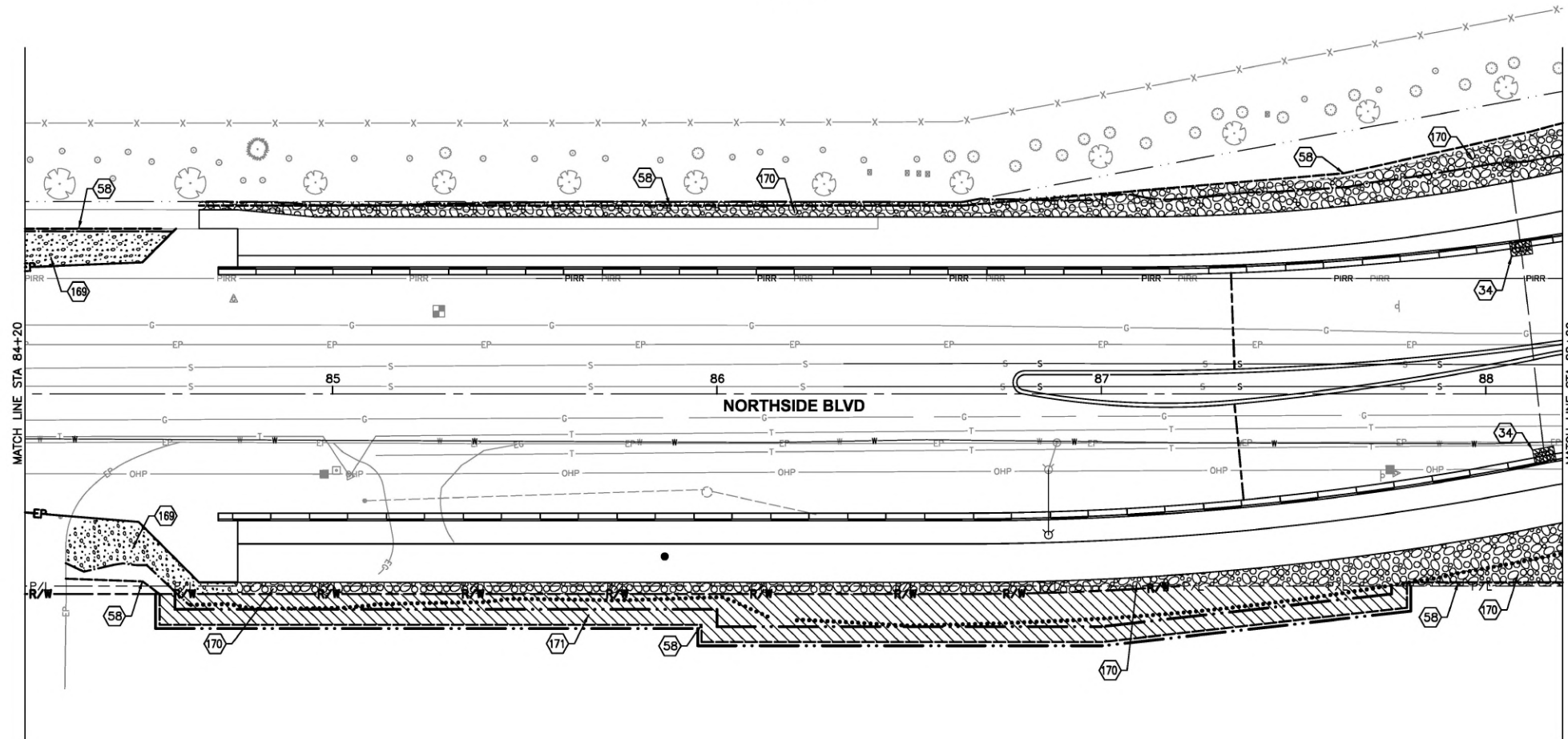
SHEET TITLE
SURFACE REPAIR PLAN



SEC 09, T3N, R2W



29
16933 NORTHSIDE BLVD
MM PROPERTIES-NORTHSIDE LLC
R3097500000



23
16914 NORTHSIDE BLVD
ADLER AB OWNER II LLC
R3104500000

SEC 10, T3N, R2W

NOTES

- (34) INLET PROTECTION, ITEM 1006.4.1.C.1
- (58) BIOFILTER BAG, ITEM 1003.4.1.B.1
- (169) GRAVEL CUT/FILL SLOPE, ITEM SP 02021
- (170) LANDSCAPE ROCK (WITH WEED BARRIER), ITEM SP 29060 (PLACE TO PROPERTY LINE).
- (171) HYDROSEED, ITEM SP 29055

LEGEND

- FIBER WATTLE
- ▣ INLET PROTECTION
- ▤ SOD REPAIR
- ▥ HYDROSEED - DRYLAND MIX
- ▧ LANDSCAPE REPAIR
- ▨ LANDSCAPE ROCK (WITH WEED BARRIER)
- ▩ GRAVEL

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15633

ORIGINAL SIGNED
AUGUST 22, 2024

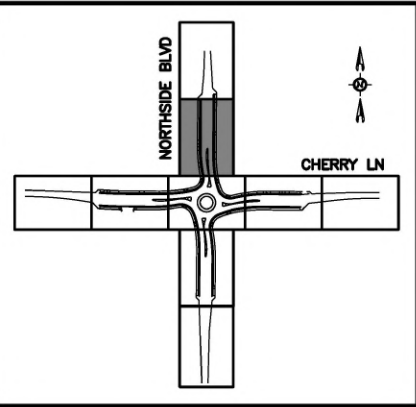
SIX MILE
Engineering

Revisions:

SIGNATURES

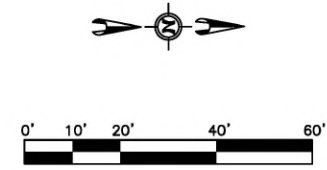
SHEET TITLE
SURFACE REPAIR PLAN

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

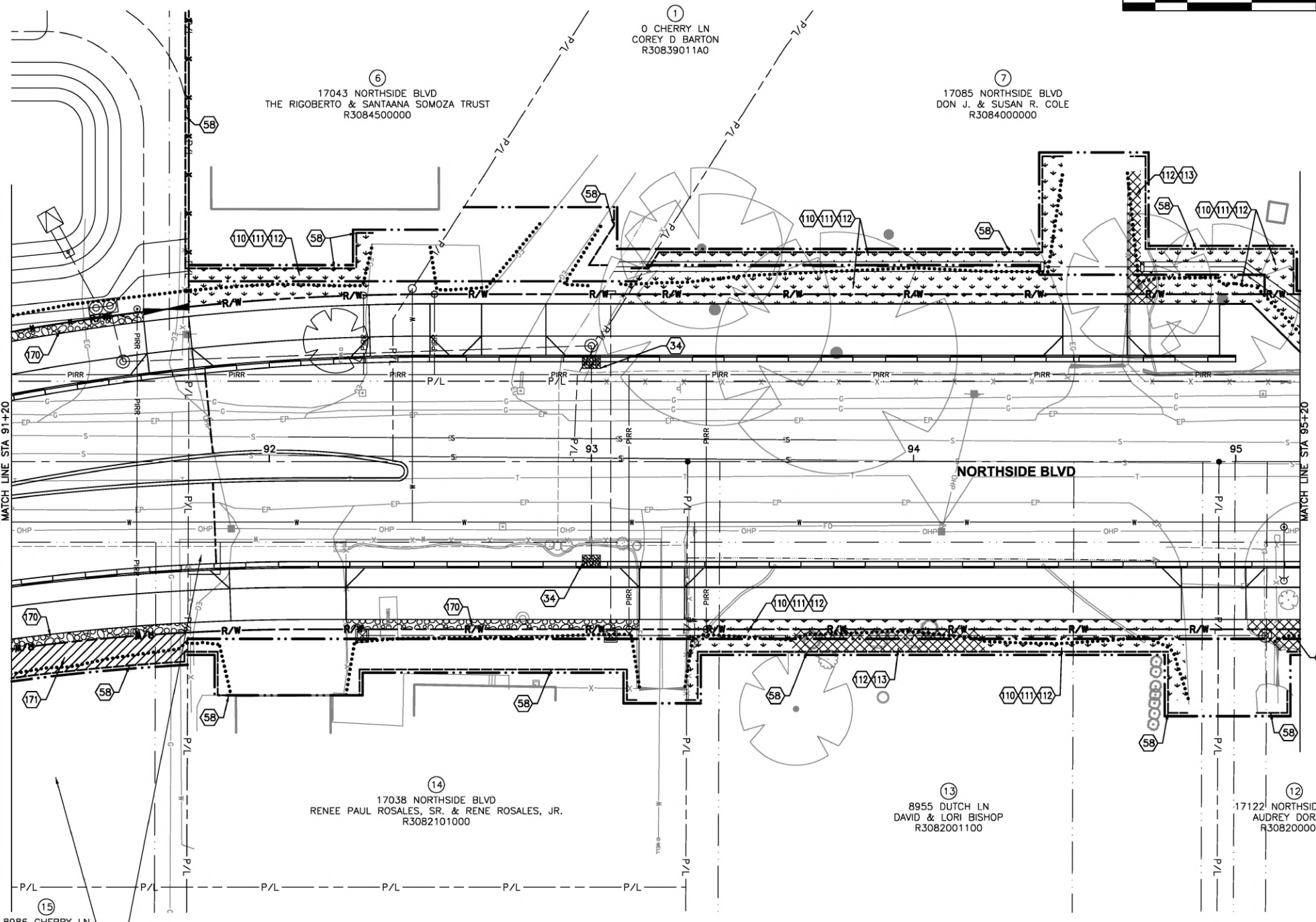


5
9024 CHERRY LN
CITY OF NAMPA
R3084300000

SEC 04, T3N, R2W



- NOTES**
- 34 INLET PROTECTION, ITEM 1006.4.1.C.1
 - 58 BIOFILTER BAG, ITEM 1003.4.1.B.1
 - 110 4" TOPSOIL, ITEM SP 25050
 - 111 SOD REPAIR, ITEM SP 29065
 - 112 REPAIR SPRINKLER SYSTEM, SP 29101
 - 113 REPAIR LANDSCAPING, SP 29067
 - 170 LANDSCAPE ROCK (WITH WEED BARRIER), ITEM SP 29060 (PLACE TO PROPERTY LINE).
 - 171 HYDROSEED, ITEM SP 29055



MATCH LINE STA 91+20

MATCH LINE STA 95+20

15
8986 CHERRY LN
RENE ROSALES
PENDING PIN

26
0 NORTHSIDE BLVD
INTERMOUNTAIN GAS CO
R3082200000

6
17043 NORTHSIDE BLVD
THE RIGOBERTO & SANTAANA SOMOZA TRUST
R3084500000

1
0 CHERRY LN
COREY D BARTON
R30839011A0

7
17085 NORTHSIDE BLVD
DON J. & SUSAN R. COLE
R3084000000

14
17038 NORTHSIDE BLVD
RENEE PAUL ROSALES, SR. & RENE ROSALES, JR.
R3082101000

13
8955 DUTCH LN
DAVID & LORI BISHOP
R3082001100

12
17122 NORTHSIDE BLVD
AUDREY DORAZIO
R3082000000

SEC 03, T3N, R2W

- LEGEND**
- FIBER WATTLE
 - ☒ INLET PROTECTION
 - ▭ SOD REPAIR
 - ▨ HYDROSEED - DRYLAND MIX
 - ▩ LANDSCAPE REPAIR
 - ▧ LANDSCAPE ROCK (WITH WEED BARRIER)
 - ▦ GRAVEL

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15633
ORIGINAL SIGNED
AUGUST 22, 2024
JENNIFER E. HUBER

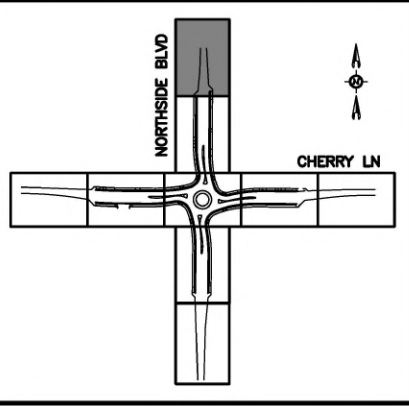
Revisions:

• SIGNATURES •

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• SHEET TITLE •

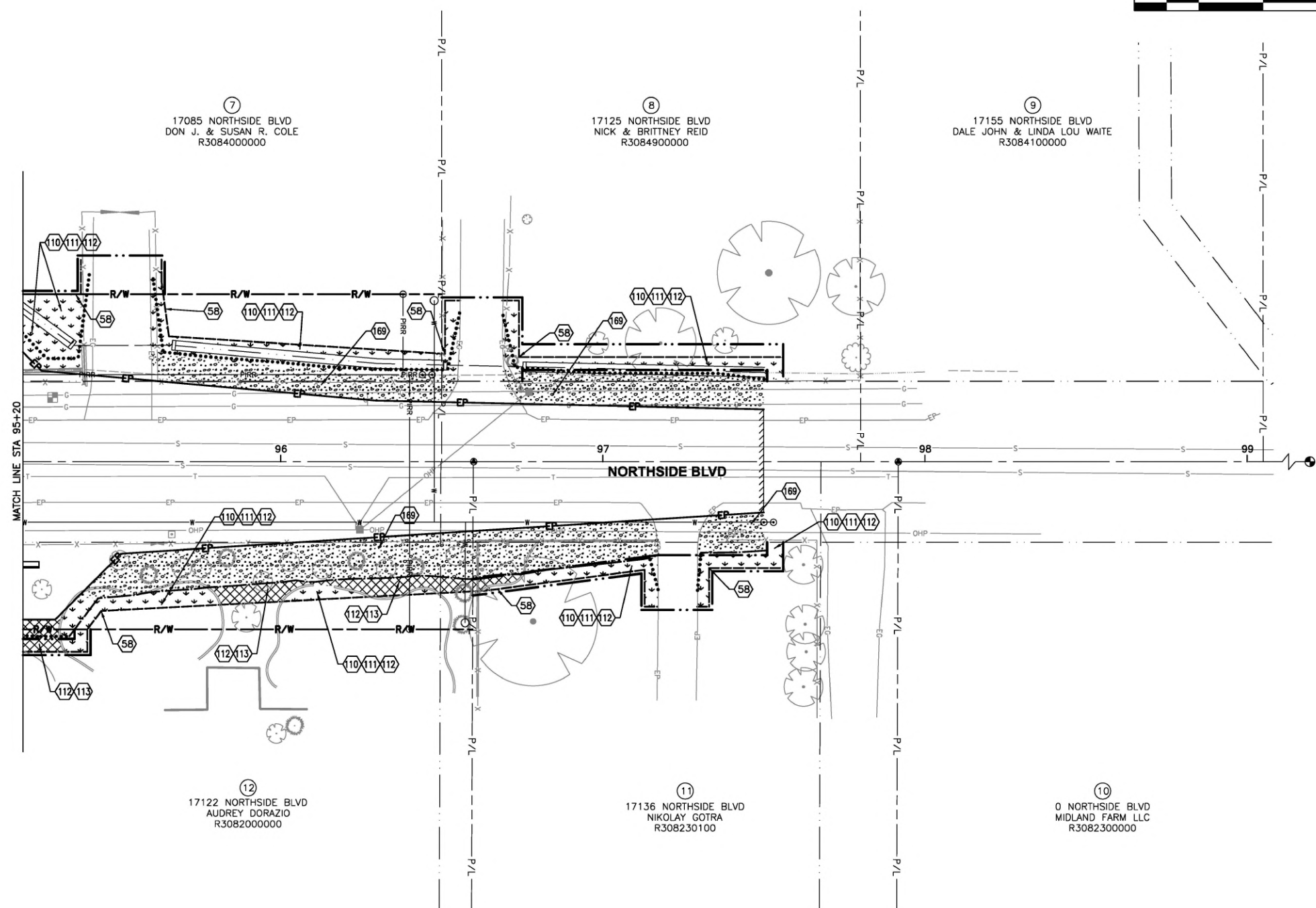
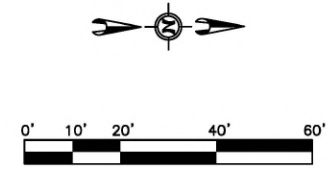
SURFACE REPAIR PLAN



SEC 04, T3N, R2W

NOTES

- 58 BIOFILTER BAG, ITEM 1003.4.1.B.1
- 110 4" TOPSOIL, ITEM SP 25050
- 111 SOD REPAIR, ITEM SP 29065
- 112 REPAIR SPRINKLER SYSTEM, SP 29101
- 113 REPAIR LANDSCAPING, SP 29067
- 169 GRAVEL CUT/FILL SLOPE, ITEM SP 02021



7
17085 NORTHSIDE BLVD
DON J. & SUSAN R. COLE
R308400000

8
17125 NORTHSIDE BLVD
NICK & BRITTNEY REID
R308490000

9
17155 NORTHSIDE BLVD
DALE JOHN & LINDA LOU WAITE
R308410000

12
17122 NORTHSIDE BLVD
AUDREY DORAZIO
R308200000

11
17136 NORTHSIDE BLVD
NIKOLAY GOTRA
R308230100

10
0 NORTHSIDE BLVD
MIDLAND FARM LLC
R308230000

SEC 03, T3N, R2W

LEGEND

- FIBER WATTLE
- ▣ INLET PROTECTION
- ▤ SOD REPAIR
- ▥ HYDROSEED - DRYLAND MIX
- ▧ LANDSCAPE REPAIR
- ▨ LANDSCAPE ROCK (WITH WEED BARRIER)
- ▩ GRAVEL

PROFESSIONAL ENGINEER
 ORIGINAL ON FILE AT
 SIX MILE ENGINEERING
 15633
 ORIGINAL SIGNED
 AUGUST 22, 2024
 JENNIFER E. HUBER

SIX MILE
6 Engineering

SHEET TITLE
SURFACE REPAIR PLAN

SIGNATURES

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

Revisions:

| | | | ITEM NO. | QTY. | RRFB SIGNAL SYSTEM, ITEM 1101.4.1.A.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------|-----------|-----------|----------|--|--------------------------|------|-----------|-----------|----------|------------|--------------------------|-------|---------|---|---|----|-----|--------------|---------|---------|---|---|---|----|----------------|---------|---------|---|---|---|----|----------------|
| FURNISH AND INSTALL ALL MATERIALS LISTED BELOW ACCORDING TO THE CITY OF NAMPA 2023 STANDARD CONSTRUCTION SPECIFICATIONS, ITEM 1101.4.1.A.1. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 1. | 16 EACH | PEDESTRIAN SIGNAL POLE, POWDER-COATED BLACK, 14', TO BE 4" SCHEDULE 80 SPUN ALUMINUM PIPE WITH THREADED MOUNT AND LOCKING COUPLER, TO BE PELCO NUMBER PB-5102-12.8-P33. FOR POLES 1-16. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 2. | 16 EACH | POLE CAP FOR PEDESTRIAN SIGNAL POLE, ACORN TYPE, 4.5" ALUMINUM, POWDER-COATED BLACK, TO BE PELCO NUMBER PB-5401-P33. FOR POLES 1-16. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 3. | 16 EACH | PEDESTAL BASE FOR PEDESTRIAN SIGNAL POLE, SQUARE WITH ALUMINUM DOOR, POWDER-COATED BLACK, HEAT TREAT 1 HEX BOLT, GROUND LUG, TO BE PELCO NUMBER PB-5336-15-GL-P33 WITH COLLAR ASSEMBLY FOR EACH POLE TO BE PELCO NUMBER PB-5325. FOR POLES 1-16. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 4. | 16 EACH | ANCHOR BOLT KIT, 3/4" #10x18", SET OF 4, WITH DOUBLE WASHERS AND NUTS GALVANIZED, TO BE PELCO NUMBER PB-5518-GLV. FOR POLES 1-16. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 5. | 16 EACH | FOUNDATION, REINFORCED CONCRETE FOR FOUNDATION TYPE "A" (SEE CITY OF NAMPA SPECIFICATIONS 1101.13 AND CITY OF NAMPA STANDARD DRAWINGS N-1110A, AND N-1110B). FOR POLES 1-16. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 6. | 4 EACH | RRFB CONTROLLER, AC POWERED, INCLUDING CABINET AND BRACKETS WITH SNAP LOCKS, 100-240 VAC, POWDER-COATED BLACK, TO BE CARMANAH SC315-G NUMBER 84577. FOR POLES 1, 8, 9, AND 13. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 7. | 16 EACH | PEDESTRIAN PUSHBUTTON ASSEMBLY, TO INCLUDE MOUNTING ASSEMBLIES, EXTENSION BRACKETS, PUSHBUTTONS, AND SIGNS. TO BE CAMPBELL GUARDIAN TALKING PUSHBUTTON WITH SIGNAL POWER INTERFACE, POWDER-COATED BLACK (SEE CITY OF NAMPA SPECIFICATIONS 1101.11 AND CITY OF NAMPA STANDARD DRAWING N-1108), WITH R10-25 SIGN (PER 2023 MUTCD) WITH TEXT STATING "PUSH BUTTON FOR WARNING LIGHTS - WAIT FOR GAP IN TRAFFIC". FOR POLES 1-16. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 8. | VARIES | PUSH BUTTON WIRE HARNESS, 8 CONDUCTOR #20 AWG PER FOOT. CONTRACTOR TO VERIFY LENGTH REQUIRED BEFORE PLACING ORDER, TO BE CARMANAH NUMBER 84634. FOR POLES 1-16. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 9. | 8 EACH | EXTENSION BRACKET, POWDER-COATED BLACK, 4"-7" GW TELESCOPING (GUARDIAN), CAMPBELL COMPANY NUMBER 5030241SB. FOR POLES 2, 3, 6, 7, 10, 11, 14, AND 15. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 10. | 16 EACH | RECTANGULAR RAPID FLASHING BEACON LIGHT BAR WITH CONFIRMATION LIGHTS, SINGLE SIDED, AMBER LEDS WITH UNIVERSAL MOUNTING, BLACK IN COLOR. TO BE CARMANAH NUMBER 87668. FOR POLES 1-16. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 11. | VARIES | LIGHT BAR WIRE HARNESS, 4 CONDUCTOR #14 AWG PER FOOT. CONTRACTOR TO VERIFY LENGTH REQUIRED BEFORE PLACING ORDER. CARMANAH NUMBER 78209. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 12. | 12 EACH | JUNCTION BOX, REINFORCED PRECAST CONCRETE, WITH 3-8" DIAMOND PLATE STEEL LID AND LOCKING DEVICE WITH STAINLESS STEEL BOLT, TYPE S-40T/ADA (SEE CITY OF NAMPA SPECIFICATIONS 1101.07 AND CITY OF NAMPA STANDARD DRAWINGS N-1105A, N-1105B, N-1105D). | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 13. | 8 EACH | JUNCTION BOX APRON, CONCRETE FOR S-40T JUNCTION BOX APRONS (SEE CITY OF NAMPA SPECIFICATIONS 1101.07 AND CITY OF NAMPA STANDARD DRAWING N-1105B). | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 14. | 32 EACH | WARNING SIGNS FOR RRFB ASSEMBLIES. TO BE FLUORESCENT YELLOW 3M VIP SERIES 3981, ALUMINUM, WITH BLACK VINYL SIGN BACKING. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | <table border="1"> <thead> <tr> <th>SIGN NO.</th> <th>SIZE</th> <th>SIGN TYPE</th> <th>AREA (SF)</th> <th>QUANTITY</th> <th>TOTAL AREA</th> <th>NW SAFETY SIGNS PART NO.</th> </tr> </thead> <tbody> <tr> <td>W11-2</td> <td>36"x36"</td> <td>B</td> <td>9</td> <td>16</td> <td>144</td> <td>W11-2/36FVIP</td> </tr> <tr> <td>W16-7PL</td> <td>24"x12"</td> <td>B</td> <td>2</td> <td>8</td> <td>16</td> <td>W16-7PR/24FVIP</td> </tr> <tr> <td>W16-7PR</td> <td>24"x12"</td> <td>B</td> <td>2</td> <td>8</td> <td>16</td> <td>W16-7PL/24FVIP</td> </tr> </tbody> </table> | SIGN NO. | SIZE | SIGN TYPE | AREA (SF) | QUANTITY | TOTAL AREA | NW SAFETY SIGNS PART NO. | W11-2 | 36"x36" | B | 9 | 16 | 144 | W11-2/36FVIP | W16-7PL | 24"x12" | B | 2 | 8 | 16 | W16-7PR/24FVIP | W16-7PR | 24"x12" | B | 2 | 8 | 16 | W16-7PL/24FVIP |
| SIGN NO. | SIZE | SIGN TYPE | AREA (SF) | QUANTITY | TOTAL AREA | NW SAFETY SIGNS PART NO. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| W11-2 | 36"x36" | B | 9 | 16 | 144 | W11-2/36FVIP | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| W16-7PL | 24"x12" | B | 2 | 8 | 16 | W16-7PR/24FVIP | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| W16-7PR | 24"x12" | B | 2 | 8 | 16 | W16-7PL/24FVIP | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 15. | VARIES | MISCELLANEOUS, TO INCLUDE RIGID PLASTIC CONDUIT (RPC); WATERTIGHT RPC ELBOWS; #6 AWG THWN STRANDED COPPER WIRE; #12 THWN GREEN LOCATE WIRE, #14 AWG 1-4C SIGNAL CABLE; AND VARIOUS OTHER ITEMS, HARDWARE AND FITTINGS NECESSARY FOR A COMPLETE INSTALLATION. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Revisions:

* S I G N A T U R E S *

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

* S H E E T T I T L E *

RRFB MATERIALS LIST

PROFESSIONAL ENGINEER
REGISTERED
ORIGINAL ON FILE AT
SIX MILE ENGINEERING
6797
ORIGINAL SIGNED
AUGUST 22, 2024
LARRY J. WHITE

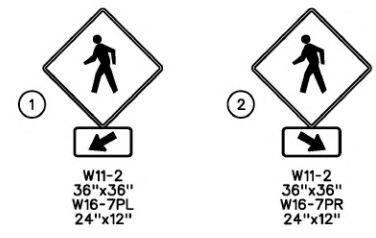


NOTES

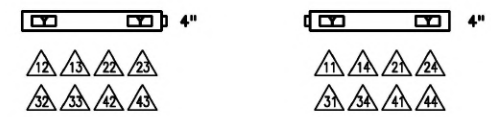
- 80 RRFB POLE AND LIGHT BAR.
 - 87 SIGNAL CONDUIT WITH CABLING INDICATED.
 - 88 JUNCTION BOX, S-40T/ADA.
1. RRFB SIGNAL SYSTEM, INCLUDING CONDUIT, CABLING, JUNCTION BOXES, POLES, FOUNDATIONS, LIGHT BARS, PUSHBUTTONS, SIGNS AND VARIOUS OTHER ITEMS, HARDWARE AND FITTINGS NECESSARY FOR INSTALLATION OF A COMPLETE AND OPERATIONAL SYSTEM PAID FOR BY ITEM 1101.4.1.A.1.
 2. INSTALL ONE LOCATE WIRE (NO. 12 COPPER THWN GREEN) IN EACH SPARE CONDUIT. WHERE MULTIPLE LOCATE WIRE EXISTS IN THE JUNCTION BOX, THEY SHALL BE BONDED TOGETHER AND INSULATED. ALL LOCATE WIRE IN JUNCTION BOXES SHALL BE LABELED AS "LOCATE WIRE" AND INSULATED FROM ALL METALLIC ITEMS AND GROUND POTENTIAL SOURCES.
 3. REFER TO CITY OF NAMPA DIVISION 1100 TRAFFIC SPECIFICATIONS AND STANDARD DRAWINGS FOR ALL APPLICABLE INSTALLATIONS ON THIS PROJECT.
 4. STAKE THE LOCATIONS OF NEW POLES, JUNCTION BOXES, AND CONDUITS FOR APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION AND INSTALLATION.
 5. THE LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. FIELD VERIFY THE EXACT UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS. NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS.
 6. ALL MATERIALS AND EQUIPMENT NEEDED TO CONSTRUCT THIS PROJECT MUST BE APPROVED BY THE CITY OF NAMPA TRAFFIC DIVISION.
 7. EXPOSE ALL UTILITIES POTENTIALLY IMPACTED BY POLE FOUNDATION CONSTRUCTION OR JUNCTION BOX INSTALLATION AND COORDINATE WITH THE ENGINEER PRIOR TO ANY ADJUSTMENTS TO THE DESIGN LOCATION OF POLES AND JUNCTION BOXES.
 8. COORDINATE WITH THE CITY OF NAMPA FOR AN ON-GROUND ILLUMINATION FIXTURE PRE-INSPECTION BEFORE STANDING ANY LIGHTING FIXTURE STRUCTURE (AERIAL ILLUMINATION FIXTURE INSPECTIONS ARE NOT PRACTICAL). CONTACT NAMPA TRAFFIC DIVISION AT 208-468-5511.

LEGEND

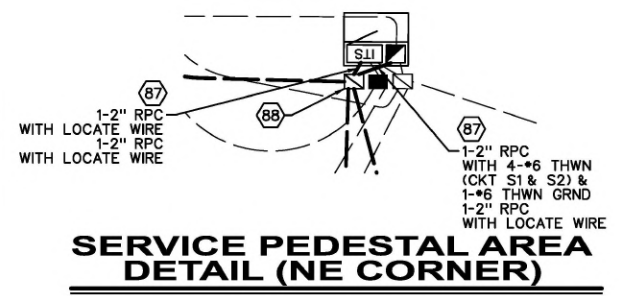
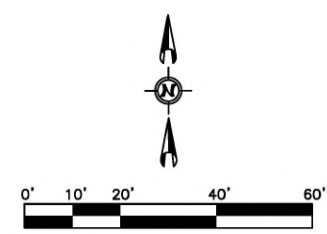
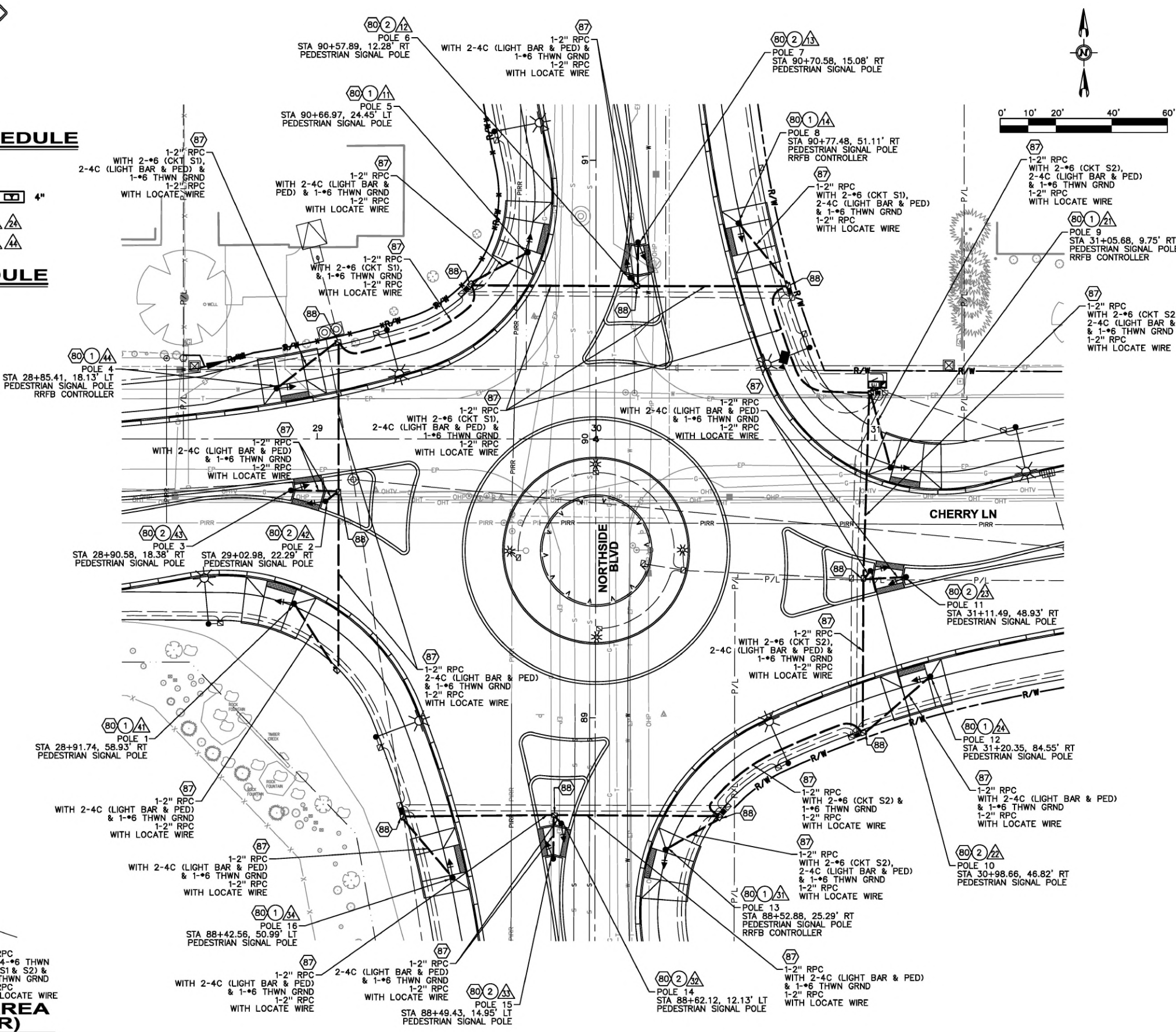
- ▣ SERVICE PEDESTAL AND ITS CABINET
- ▣ S-40T/ADA JUNCTION BOX
- ▣ S-45T/ADA JUNCTION BOX WITH RISER
- ☀ LUMINAIRE AND POLE
- 📹 CCTV CAMERA
- ◀ RRFB HEAD
- ↑ POLE MOUNTED SIGN
- CONDUIT GROUP
- ① BID ITEM NOTE NUMBER
- Ⓐ PROJECT NOTE NUMBER
- Ⓐ SIGNAL HEAD NUMBER
- ① SIGN NUMBER



SIGNAL POLE SIGN SCHEDULE



SIGNAL HEAD SCHEDULE



SERVICE PEDESTAL AREA DETAIL (NE CORNER)

Revisions:

SIGNATURES

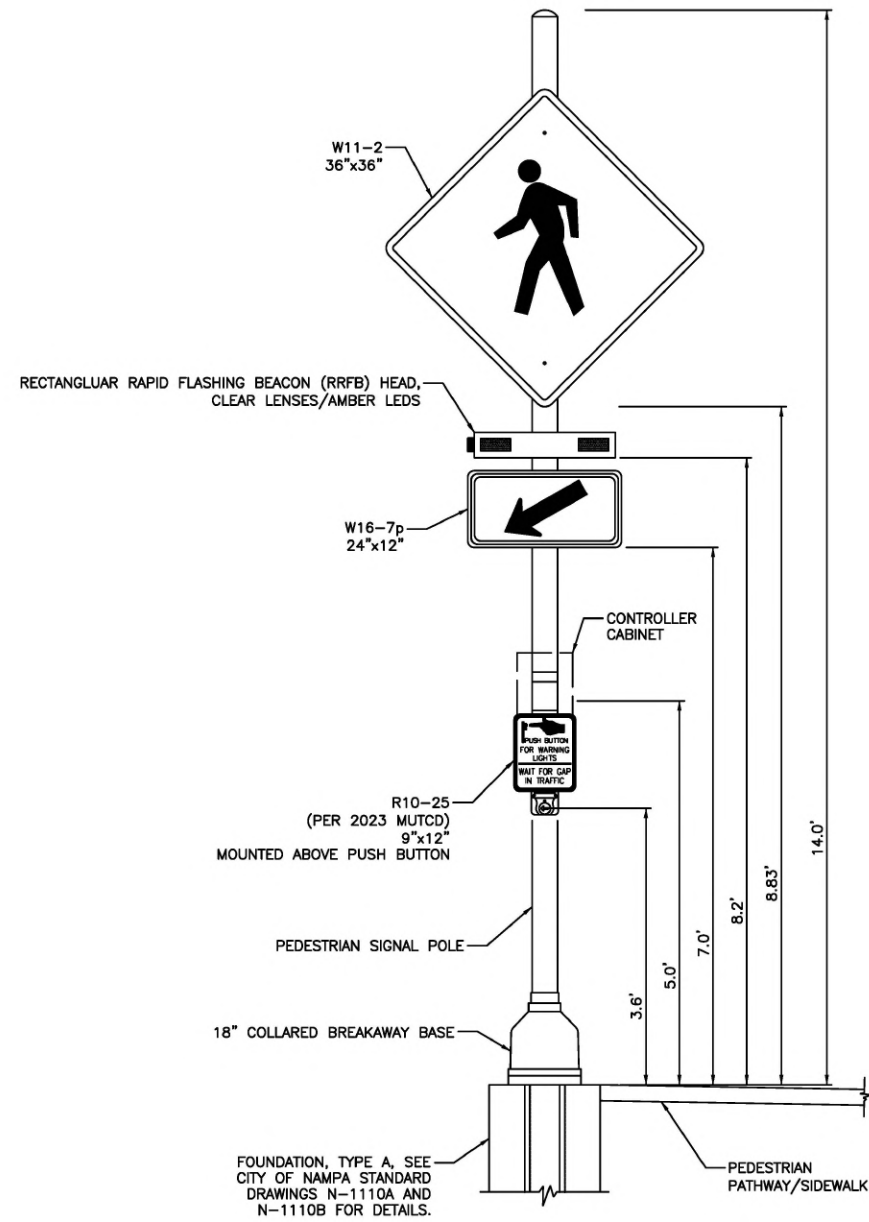
Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

SHEET TITLE

RRFB PLAN

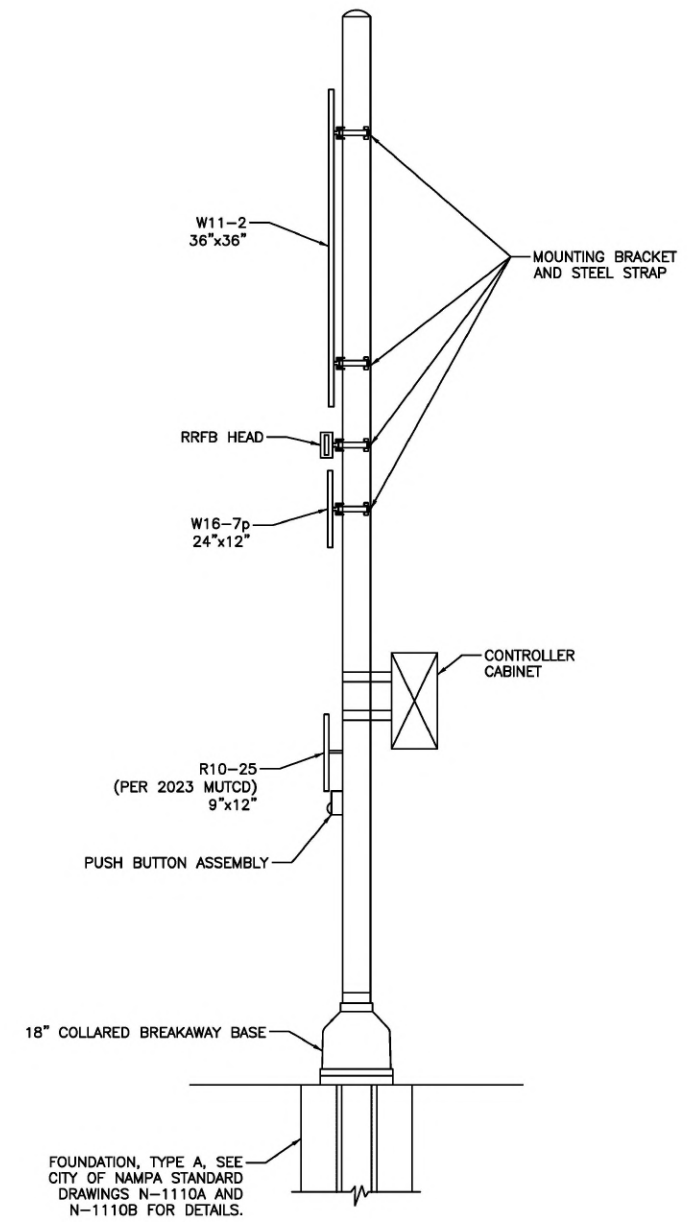
SIX MILE Engineering

PROFESSIONAL ENGINEER
REGISTERED
ORIGINAL ON FILE AT
SIX MILE ENGINEERING
6797
ORIGINAL SIGNED
AUGUST 22, 2024
LARRY J. WHITE



**RECTANGULAR RAPID FLASHING BEACON,
PEDESTRIAN POLE MOUNT**

NOT TO SCALE
SEE CITY OF NAMPA STANDARD
DRAWINGS
N-1107, N-1108, N-1110A,
N-1110B AND N-1160 FOR
ADDITIONAL DETAILS,
ITEM 1101.4.1.A.1



**RECTANGULAR RAPID FLASHING BEACON,
SIDE VIEW, UNI-DIRECTIONAL**

NOT TO SCALE
SEE CITY OF NAMPA STANDARD
DRAWINGS
N-1107, N-1108, N-1110A,
N-1110B AND N-1160 FOR
ADDITIONAL DETAILS,
ITEM 1101.4.1.A.1

Revisions:

• SIGNATURES •

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

• SHEET TITLE •

RRFB DETAILS

SIX MILE
Six Mile
Engineering



| | | | ITEM NO. | QTY. | ILLUMINATION SYSTEM, ITEM 1102.4.1.I.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------|--|----------|---------|--|----|--------|--|--|--------|--|----|--------|--|--|--------|--|----|---------|--|--|---------|---|----|---------|--|--|---------|---|----|---------|--|--|---------|---|----|---------|--|--|---------|---|----|--------|--|--|--------|--|----|---------|--|--|---------|---|----|--------|--|--|--------|---|-----|--------|--|--|--------|--|-----|---------|--|--|---------|--|-----|--------|--|--|--------|---|-----|---------|--|--|---------|--|-----|---------|--|--|---------|---|-----|---------|--|--|---------|--|-----|---------|--|--|---------|---|-----|--------|--|--|--------|--|
| FURNISH AND INSTALL ALL MATERIALS LISTED BELOW ACCORDING TO THE CITY OF NAMPA 2023 STANDARD CONSTRUCTION SPECIFICATIONS, ITEM 1102.4.1.I.1. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: center;">1.</td> <td style="width: 5%; text-align: center;">1 EACH</td> <td style="width: 40%;"></td> <td style="width: 5%;"></td> <td style="width: 5%; text-align: center;">1 EACH</td> <td style="width: 40%; vertical-align: top;"> <p><u>DUAL-METERED UNDERGROUND SERVICE PEDESTAL</u>, POWDER-COATED BLACK, TO BE MILBANK NUMBER CP3B2212HBWNT05B, MYERS POWER PRODUCTS NUMBER MEUG24-D, OR APPROVED SUBSTITUTION. PEDESTAL TO INCLUDE PHOTOELECTRIC CONTROL, QUICK RESPONSE, TWISTLOCKING TYPE 240 VOLT. SEE CITY OF NAMPA STANDARD DRAWINGS N-1112B AND N-1127B.</p> </td> </tr> <tr> <td style="text-align: center;">2.</td> <td style="text-align: center;">1 EACH</td> <td></td> <td></td> <td style="text-align: center;">1 EACH</td> <td style="vertical-align: top;"> <p><u>ITS CABINET</u>, 0.125 THICK ALUMINUM TYPE 5052-H32, TO BE ECONOLITE 334 ANOD ITS CABINET IDAHO, DRAWING NO. STCAB3272-LY.</p> </td> </tr> <tr> <td style="text-align: center;">3.</td> <td style="text-align: center;">29 EACH</td> <td></td> <td></td> <td style="text-align: center;">29 EACH</td> <td style="vertical-align: top;"> <p><u>JUNCTION BOX</u>, REINFORCED PRECAST CONCRETE, WITH 3-8" DIAMOND PLATE STEEL LID AND LOCKING DEVICE WITH STAINLESS STEEL BOLT, TYPE S-40T/ADA (SEE CITY OF NAMPA SPECIFICATIONS 1101.07 AND CITY OF NAMPA STANDARD DRAWINGS N-1105A, N-1105B, N-1105D).</p> </td> </tr> <tr> <td style="text-align: center;">4.</td> <td style="text-align: center;">12 EACH</td> <td></td> <td></td> <td style="text-align: center;">12 EACH</td> <td style="vertical-align: top;"> <p><u>JUNCTION BOX</u>, REINFORCED PRECAST CONCRETE, WITH 3-8" DIAMOND PLATE STEEL LID AND LOCKING DEVICE WITH STAINLESS STEEL BOLT, TYPE S-45T/ADA WITH RISER FOR FUTURE COMMUNICATIONS CONNECTION (SEE CITY OF NAMPA SPECIFICATIONS 1101.07 AND CITY OF NAMPA STANDARD DRAWINGS N-1105A, N-1105B, N-1105D).</p> </td> </tr> <tr> <td style="text-align: center;">5.</td> <td style="text-align: center;">39 EACH</td> <td></td> <td></td> <td style="text-align: center;">39 EACH</td> <td style="vertical-align: top;"> <p><u>JUNCTION BOX APRON</u>, CONCRETE FOR S-40T AND S-45T JUNCTION BOX APRONS (SEE CITY OF NAMPA SPECIFICATIONS 1101.07 AND CITY OF NAMPA STANDARD DRAWING N-1105B).</p> </td> </tr> <tr> <td style="text-align: center;">6.</td> <td style="text-align: center;">12 EACH</td> <td></td> <td></td> <td style="text-align: center;">12 EACH</td> <td style="vertical-align: top;"> <p><u>POLE STEEL LUMINAIRE ONLY</u>, POWDER COATED BLACK, ROUND OR OCTAGONAL IN CROSS SECTION, 30' MOUNTING HEIGHT, WITH 15' LUMINAIRE MAST ARM, BASE COVER AND ANCHOR BOLTS. FOR POLES 1-12.</p> </td> </tr> <tr> <td style="text-align: center;">7.</td> <td style="text-align: center;">1 EACH</td> <td></td> <td></td> <td style="text-align: center;">1 EACH</td> <td style="vertical-align: top;"> <p><u>FOUNDATION</u>, REINFORCED CONCRETE FOR ITS CABINET AND SERVICE PEDESTAL (SEE CITY OF NAMPA SPECIFICATIONS 1101.13 AND CITY OF NAMPA STANDARD DRAWINGS N-1111A).</p> </td> </tr> <tr> <td style="text-align: center;">8.</td> <td style="text-align: center;">12 EACH</td> <td></td> <td></td> <td style="text-align: center;">12 EACH</td> <td style="vertical-align: top;"> <p><u>FOUNDATION</u>, REINFORCED CONCRETE FOR FOUNDATION TYPE "A" (SEE CITY OF NAMPA SPECIFICATIONS 1101.13 AND CITY OF NAMPA STANDARD DRAWINGS N-1110A AND N-1110B). FOR POLES 1-12.</p> </td> </tr> <tr> <td style="text-align: center;">9.</td> <td style="text-align: center;">1 EACH</td> <td></td> <td></td> <td style="text-align: center;">1 EACH</td> <td style="vertical-align: top;"> <p><u>CCTV CAMERA</u>, 4 MEGAPIXEL, PTZ CAMERA WITH 36X ZOOM. TO BE AVIGILON NUMBER 4.0C-H5A-IRPTZ-DP36-WP, WITH NPT PENDANT ADAPTER TO BE AVIGILON NUMBER IRPTZ-MNT-NPTA1, GIGABIT 90W POE INJECTOR PORT TO BE AVIGILON NUMBER POE-INJ-BT-90W-NA, AND CABLE GLAND NUT KIT TO BE AVIGILON NUMBER H5PTZ-ACC-CABL1.</p> </td> </tr> <tr> <td style="text-align: center;">10.</td> <td style="text-align: center;">1 EACH</td> <td></td> <td></td> <td style="text-align: center;">1 EACH</td> <td style="vertical-align: top;"> <p><u>STELLAR CAMERA BRACKET</u>, COHU TYPE, EXTENDED UNDERBRACED, ALUMINUM STAINLESS CABLE MOUNT. PELCO NUMBER AB-0704-32"-96"-P33.</p> </td> </tr> <tr> <td style="text-align: center;">11.</td> <td style="text-align: center;">12 EACH</td> <td></td> <td></td> <td style="text-align: center;">12 EACH</td> <td style="vertical-align: top;"> <p><u>LUMINAIRE</u>, LED AUTOBAHN NUMBER ATB0-P303 MVOLT R3 5K BK P7 A0 SH (SEE CITY OF NAMPA SPECIFICATIONS 1101.12). FOR POLES 1-12.</p> </td> </tr> <tr> <td style="text-align: center;">12.</td> <td style="text-align: center;">4 EACH</td> <td></td> <td></td> <td style="text-align: center;">4 EACH</td> <td style="vertical-align: top;"> <p><u>FLOOD LIGHT</u>, LED STATIC WHITE FLOODLIGHT TO BE HYDREL MODEL NO. SAF1 LED P3 80CRI 30K MVOLT 30DEG CWL KM L3 ZT C3 DBL, WITH STAKE MOUNTED JUNCTION BOX TO BE HYDREL MODEL NO. SBB18 12C CSL10 BL.</p> </td> </tr> <tr> <td style="text-align: center;">13.</td> <td style="text-align: center;">24 EACH</td> <td></td> <td></td> <td style="text-align: center;">24 EACH</td> <td style="vertical-align: top;"> <p><u>SINGLE POLE CONNECTOR KIT</u> FUSED IN LINE, 2 KITS PER LUMINAIRE, NON CRIMP STYLE WITH WATERTIGHT BOOT, 30 AMP, 600 VOLT (SEE CITY OF NAMPA SPECIFICATIONS 1101.06 AND 1101.12)</p> </td> </tr> <tr> <td style="text-align: center;">14.</td> <td style="text-align: center;">24 EACH</td> <td></td> <td></td> <td style="text-align: center;">24 EACH</td> <td style="vertical-align: top;"> <p><u>FUSE</u>, 8AMP, CARTRIDGE TYPE (SEE CITY OF NAMPA SPECIFICATIONS 1101.06 AND 1101.12)</p> </td> </tr> <tr> <td style="text-align: center;">15.</td> <td style="text-align: center;">14 EACH</td> <td></td> <td></td> <td style="text-align: center;">14 EACH</td> <td style="vertical-align: top;"> <p><u>SPLICE KITS</u>, 2 KITS PER LUMINAIRE. TO BE LUG TYPE CONNECTOR SPLICE KIT (SEE CITY OF NAMPA SPECIFICATIONS 1101.06 AND 1101.12). FOR POLES 2, 3, 5, 6, 8, 9, AND 11.</p> </td> </tr> <tr> <td style="text-align: center;">16.</td> <td style="text-align: center;">12 EACH</td> <td></td> <td></td> <td style="text-align: center;">12 EACH</td> <td style="vertical-align: top;"> <p><u>PHOTOELECTRIC CONTROL SHORTING CAP</u> (LUMINAIRE TO BE CONTROLLED BY PHOTOELECTRIC CONTROL IN SERVICE CABINET)</p> </td> </tr> <tr> <td style="text-align: center;">17.</td> <td style="text-align: center;">VARIES</td> <td></td> <td></td> <td style="text-align: center;">VARIES</td> <td style="vertical-align: top;"> <p><u>MISCELLANEOUS</u>, TO INCLUDE RIGID PLASTIC CONDUIT (RPC); WATERTIGHT RPC ELBOWS; #6 AWG THWN STRANDED COPPER WIRE (600V); #10 AWG THWN STRANDED COPPER WIRE (600V) POLE WIRING; #12 AWG THWN STRANDED COPPER LOCATE WIRE; SHIELDED CAT6 CABLE; SHIELDED CAT 5E CABLE; 1-4C SIGNAL CABLE FOR CCTV; AND VARIOUS OTHER ITEMS, HARDWARE AND FITTINGS NECESSARY FOR A COMPLETE INSTALLATION.</p> </td> </tr> </table> | | | | | | 1. | 1 EACH | | | 1 EACH | <p><u>DUAL-METERED UNDERGROUND SERVICE PEDESTAL</u>, POWDER-COATED BLACK, TO BE MILBANK NUMBER CP3B2212HBWNT05B, MYERS POWER PRODUCTS NUMBER MEUG24-D, OR APPROVED SUBSTITUTION. PEDESTAL TO INCLUDE PHOTOELECTRIC CONTROL, QUICK RESPONSE, TWISTLOCKING TYPE 240 VOLT. SEE CITY OF NAMPA STANDARD DRAWINGS N-1112B AND N-1127B.</p> | 2. | 1 EACH | | | 1 EACH | <p><u>ITS CABINET</u>, 0.125 THICK ALUMINUM TYPE 5052-H32, TO BE ECONOLITE 334 ANOD ITS CABINET IDAHO, DRAWING NO. STCAB3272-LY.</p> | 3. | 29 EACH | | | 29 EACH | <p><u>JUNCTION BOX</u>, REINFORCED PRECAST CONCRETE, WITH 3-8" DIAMOND PLATE STEEL LID AND LOCKING DEVICE WITH STAINLESS STEEL BOLT, TYPE S-40T/ADA (SEE CITY OF NAMPA SPECIFICATIONS 1101.07 AND CITY OF NAMPA STANDARD DRAWINGS N-1105A, N-1105B, N-1105D).</p> | 4. | 12 EACH | | | 12 EACH | <p><u>JUNCTION BOX</u>, REINFORCED PRECAST CONCRETE, WITH 3-8" DIAMOND PLATE STEEL LID AND LOCKING DEVICE WITH STAINLESS STEEL BOLT, TYPE S-45T/ADA WITH RISER FOR FUTURE COMMUNICATIONS CONNECTION (SEE CITY OF NAMPA SPECIFICATIONS 1101.07 AND CITY OF NAMPA STANDARD DRAWINGS N-1105A, N-1105B, N-1105D).</p> | 5. | 39 EACH | | | 39 EACH | <p><u>JUNCTION BOX APRON</u>, CONCRETE FOR S-40T AND S-45T JUNCTION BOX APRONS (SEE CITY OF NAMPA SPECIFICATIONS 1101.07 AND CITY OF NAMPA STANDARD DRAWING N-1105B).</p> | 6. | 12 EACH | | | 12 EACH | <p><u>POLE STEEL LUMINAIRE ONLY</u>, POWDER COATED BLACK, ROUND OR OCTAGONAL IN CROSS SECTION, 30' MOUNTING HEIGHT, WITH 15' LUMINAIRE MAST ARM, BASE COVER AND ANCHOR BOLTS. FOR POLES 1-12.</p> | 7. | 1 EACH | | | 1 EACH | <p><u>FOUNDATION</u>, REINFORCED CONCRETE FOR ITS CABINET AND SERVICE PEDESTAL (SEE CITY OF NAMPA SPECIFICATIONS 1101.13 AND CITY OF NAMPA STANDARD DRAWINGS N-1111A).</p> | 8. | 12 EACH | | | 12 EACH | <p><u>FOUNDATION</u>, REINFORCED CONCRETE FOR FOUNDATION TYPE "A" (SEE CITY OF NAMPA SPECIFICATIONS 1101.13 AND CITY OF NAMPA STANDARD DRAWINGS N-1110A AND N-1110B). FOR POLES 1-12.</p> | 9. | 1 EACH | | | 1 EACH | <p><u>CCTV CAMERA</u>, 4 MEGAPIXEL, PTZ CAMERA WITH 36X ZOOM. TO BE AVIGILON NUMBER 4.0C-H5A-IRPTZ-DP36-WP, WITH NPT PENDANT ADAPTER TO BE AVIGILON NUMBER IRPTZ-MNT-NPTA1, GIGABIT 90W POE INJECTOR PORT TO BE AVIGILON NUMBER POE-INJ-BT-90W-NA, AND CABLE GLAND NUT KIT TO BE AVIGILON NUMBER H5PTZ-ACC-CABL1.</p> | 10. | 1 EACH | | | 1 EACH | <p><u>STELLAR CAMERA BRACKET</u>, COHU TYPE, EXTENDED UNDERBRACED, ALUMINUM STAINLESS CABLE MOUNT. PELCO NUMBER AB-0704-32"-96"-P33.</p> | 11. | 12 EACH | | | 12 EACH | <p><u>LUMINAIRE</u>, LED AUTOBAHN NUMBER ATB0-P303 MVOLT R3 5K BK P7 A0 SH (SEE CITY OF NAMPA SPECIFICATIONS 1101.12). FOR POLES 1-12.</p> | 12. | 4 EACH | | | 4 EACH | <p><u>FLOOD LIGHT</u>, LED STATIC WHITE FLOODLIGHT TO BE HYDREL MODEL NO. SAF1 LED P3 80CRI 30K MVOLT 30DEG CWL KM L3 ZT C3 DBL, WITH STAKE MOUNTED JUNCTION BOX TO BE HYDREL MODEL NO. SBB18 12C CSL10 BL.</p> | 13. | 24 EACH | | | 24 EACH | <p><u>SINGLE POLE CONNECTOR KIT</u> FUSED IN LINE, 2 KITS PER LUMINAIRE, NON CRIMP STYLE WITH WATERTIGHT BOOT, 30 AMP, 600 VOLT (SEE CITY OF NAMPA SPECIFICATIONS 1101.06 AND 1101.12)</p> | 14. | 24 EACH | | | 24 EACH | <p><u>FUSE</u>, 8AMP, CARTRIDGE TYPE (SEE CITY OF NAMPA SPECIFICATIONS 1101.06 AND 1101.12)</p> | 15. | 14 EACH | | | 14 EACH | <p><u>SPLICE KITS</u>, 2 KITS PER LUMINAIRE. TO BE LUG TYPE CONNECTOR SPLICE KIT (SEE CITY OF NAMPA SPECIFICATIONS 1101.06 AND 1101.12). 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| 1. | 1 EACH | | | 1 EACH | <p><u>DUAL-METERED UNDERGROUND SERVICE PEDESTAL</u>, POWDER-COATED BLACK, TO BE MILBANK NUMBER CP3B2212HBWNT05B, MYERS POWER PRODUCTS NUMBER MEUG24-D, OR APPROVED SUBSTITUTION. PEDESTAL TO INCLUDE PHOTOELECTRIC CONTROL, QUICK RESPONSE, TWISTLOCKING TYPE 240 VOLT. SEE CITY OF NAMPA STANDARD DRAWINGS N-1112B AND N-1127B.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 3. | 29 EACH | | | 29 EACH | <p><u>JUNCTION BOX</u>, REINFORCED PRECAST CONCRETE, WITH 3-8" DIAMOND PLATE STEEL LID AND LOCKING DEVICE WITH STAINLESS STEEL BOLT, TYPE S-40T/ADA (SEE CITY OF NAMPA SPECIFICATIONS 1101.07 AND CITY OF NAMPA STANDARD DRAWINGS N-1105A, N-1105B, N-1105D).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 5. | 39 EACH | | | 39 EACH | <p><u>JUNCTION BOX APRON</u>, CONCRETE FOR S-40T AND S-45T JUNCTION BOX APRONS (SEE CITY OF NAMPA SPECIFICATIONS 1101.07 AND CITY OF NAMPA STANDARD DRAWING N-1105B).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. | 12 EACH | | | 12 EACH | <p><u>POLE STEEL LUMINAIRE ONLY</u>, POWDER COATED BLACK, ROUND OR OCTAGONAL IN CROSS SECTION, 30' MOUNTING HEIGHT, WITH 15' LUMINAIRE MAST ARM, BASE COVER AND ANCHOR BOLTS. FOR POLES 1-12.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. | 1 EACH | | | 1 EACH | <p><u>FOUNDATION</u>, REINFORCED CONCRETE FOR ITS CABINET AND SERVICE PEDESTAL (SEE CITY OF NAMPA SPECIFICATIONS 1101.13 AND CITY OF NAMPA STANDARD DRAWINGS N-1111A).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 11. | 12 EACH | | | 12 EACH | <p><u>LUMINAIRE</u>, LED AUTOBAHN NUMBER ATB0-P303 MVOLT R3 5K BK P7 A0 SH (SEE CITY OF NAMPA SPECIFICATIONS 1101.12). FOR POLES 1-12.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. | 4 EACH | | | 4 EACH | <p><u>FLOOD LIGHT</u>, LED STATIC WHITE FLOODLIGHT TO BE HYDREL MODEL NO. SAF1 LED P3 80CRI 30K MVOLT 30DEG CWL KM L3 ZT C3 DBL, WITH STAKE MOUNTED JUNCTION BOX TO BE HYDREL MODEL NO. SBB18 12C CSL10 BL.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13. | 24 EACH | | | 24 EACH | <p><u>SINGLE POLE CONNECTOR KIT</u> FUSED IN LINE, 2 KITS PER LUMINAIRE, NON CRIMP STYLE WITH WATERTIGHT BOOT, 30 AMP, 600 VOLT (SEE CITY OF NAMPA SPECIFICATIONS 1101.06 AND 1101.12)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14. | 24 EACH | | | 24 EACH | <p><u>FUSE</u>, 8AMP, CARTRIDGE TYPE (SEE CITY OF NAMPA SPECIFICATIONS 1101.06 AND 1101.12)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 16. | 12 EACH | | | 12 EACH | <p><u>PHOTOELECTRIC CONTROL SHORTING CAP</u> (LUMINAIRE TO BE CONTROLLED BY PHOTOELECTRIC CONTROL IN SERVICE CABINET)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17. | VARIES | | | VARIES | <p><u>MISCELLANEOUS</u>, TO INCLUDE RIGID PLASTIC CONDUIT (RPC); WATERTIGHT RPC ELBOWS; #6 AWG THWN STRANDED COPPER WIRE (600V); #10 AWG THWN STRANDED COPPER WIRE (600V) POLE WIRING; #12 AWG THWN STRANDED COPPER LOCATE WIRE; SHIELDED CAT6 CABLE; SHIELDED CAT 5E CABLE; 1-4C SIGNAL CABLE FOR CCTV; AND VARIOUS OTHER ITEMS, HARDWARE AND FITTINGS NECESSARY FOR A COMPLETE INSTALLATION.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

POLE SPACING MEETS IES DESIGN GUIDE FOR ROUNDABOUT LIGHTING ILLUMINANCE REQUIREMENTS WITH THE FOLLOWING FIXTURE:

AUTOBAHN SERIES, ATB0-P303-MVOLT-R3-5K-BK-P7-A0 (15,950 LUMENS)

THE AUTOBAHN FIXTURE ACHIEVES THE FOLLOWING ILLUMINANCE LEVELS AT THE ROUNDABOUT:

AVERAGE HORIZONTAL ILLUM: 1.4 FC
UNIFORMITY: 3.65
VERTICAL ILLUM: 1.4 - 1.8 FC



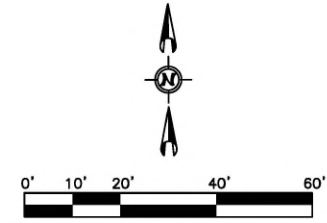
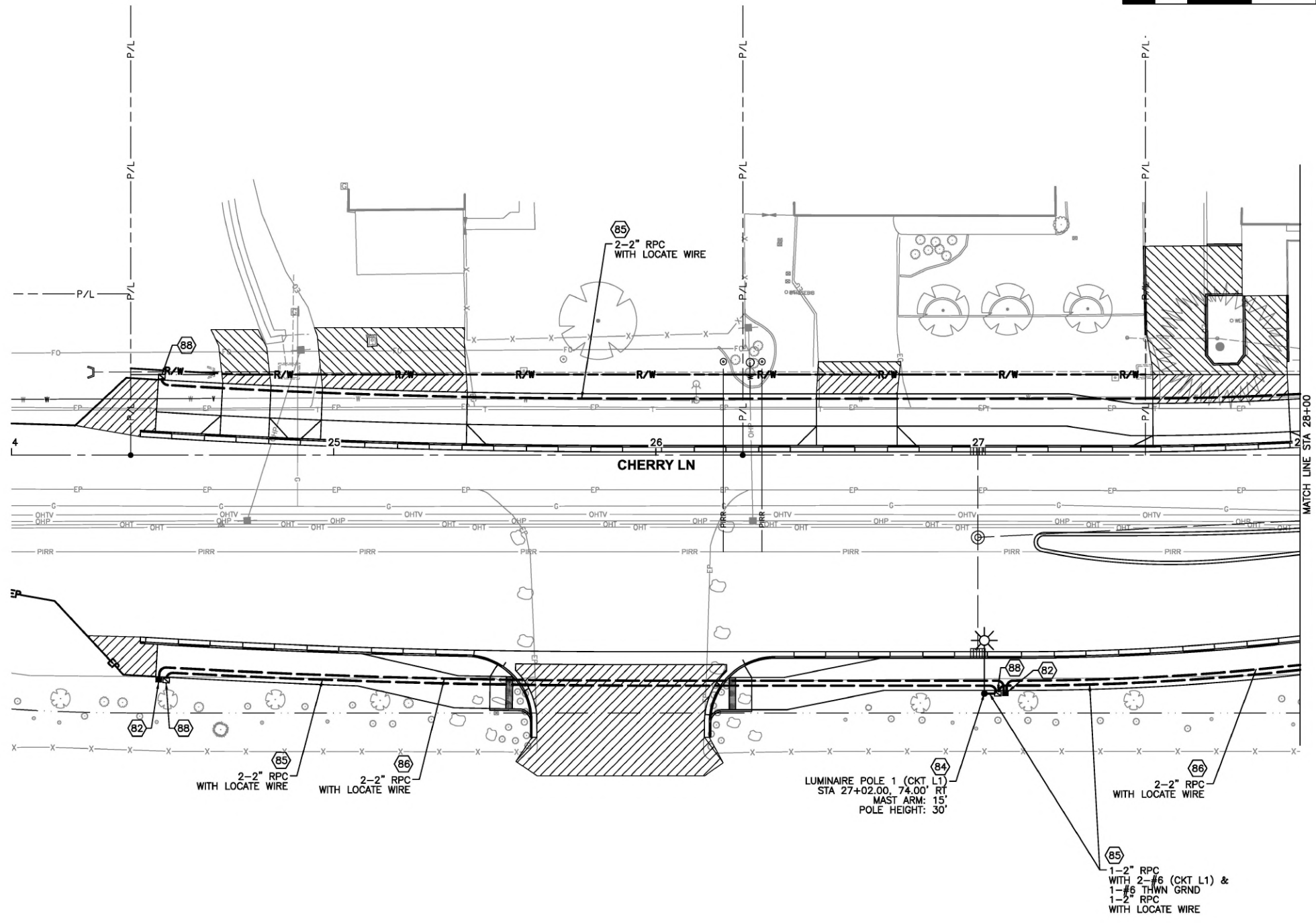
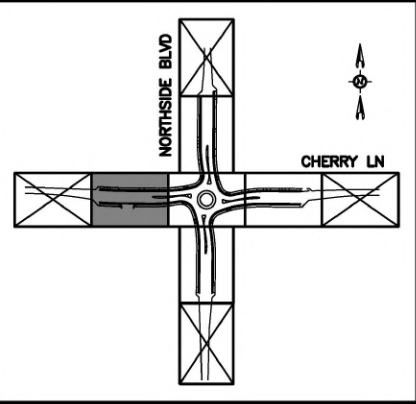
Revisions:

* S I G N A T U R E S *

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

* S H E E T T I T L E *

LIGHTING MATERIALS LIST



NOTES

- 82 JUNCTION BOX, S-45T/ADA WITH RISER.
 - 84 STREET LIGHT, TYPE STEEL.
 - 85 STREET LIGHTING CONDUIT WITH CABLING INDICATED.
 - 86 INTERCONNECT CONDUIT WITH CABLING INDICATED.
 - 88 JUNCTION BOX, S-40T/ADA.
1. LIGHTING SYSTEM, INCLUDING CONDUIT, CABLING, JUNCTION BOXES, POLES, FOUNDATIONS, CCTV CAMERA, ITS CABINET, LUMINAIRES AND VARIOUS OTHER ITEMS, HARDWARE AND FITTINGS NECESSARY FOR INSTALLATION OF A COMPLETE AND OPERATIONAL SYSTEM PAID FOR BY ITEM 1102.4.1.1.1.
 2. SPARE CONDUIT AND LIGHTING CONDUIT MAY BE INSTALLED IN THE SAME TRENCH.
 3. INSTALL ONE LOCATE WIRE (NO. 12 COPPER THWN GREEN) IN EACH SPARE CONDUIT. WHERE MULTIPLE LOCATE WIRE EXISTS IN THE JUNCTION BOX, THEY SHALL BE BONDED TOGETHER AND INSULATED. ALL LOCATE WIRE IN JUNCTION BOXES SHALL BE LABELED AS "LOCATE WIRE" AND INSULATED FROM ALL METALLIC ITEMS AND GROUND POTENTIAL SOURCES.
 4. REFER TO CITY OF NAMPA DIVISION 1100 TRAFFIC SPECIFICATIONS AND STANDARD DRAWINGS FOR ALL APPLICABLE INSTALLATIONS ON THIS PROJECT.
 5. STAKE THE LOCATIONS OF NEW POLES, JUNCTION BOXES, AND CONDUITS FOR APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION AND INSTALLATION.
 6. THE LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. FIELD VERIFY THE EXACT UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS. NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS.
 7. ALL MATERIALS AND EQUIPMENT NEEDED TO CONSTRUCT THIS PROJECT MUST BE APPROVED BY THE CITY OF NAMPA TRAFFIC DIVISION.
 8. EXPOSE ALL UTILITIES POTENTIALLY IMPACTED BY POLE FOUNDATION CONSTRUCTION OR JUNCTION BOX INSTALLATION AND COORDINATE WITH THE ENGINEER PRIOR TO ANY ADJUSTMENTS TO THE DESIGN LOCATION OF POLES AND JUNCTION BOXES.
 9. COORDINATE WITH THE CITY OF NAMPA FOR AN ON-GROUND ILLUMINATION FIXTURE PRE-INSPECTION BEFORE STANDING ANY LIGHTING FIXTURE STRUCTURE (AERIAL ILLUMINATION FIXTURE INSPECTIONS ARE NOT PRACTICAL). CONTACT NAMPA TRAFFIC DIVISION AT 208-468-5511.

LEGEND

- SERVICE PEDESTAL AND ITS CABINET
- S-40T/ADA JUNCTION BOX
- S-45T/ADA JUNCTION BOX WITH RISER
- LUMINAIRE AND POLE
- CCTV CAMERA
- RRFB HEAD
- POLE MOUNTED SIGN
- CONDUIT GROUP
- 1 BID ITEM NOTE NUMBER
- A PROJECT NOTE NUMBER
- 1 SIGN NUMBER

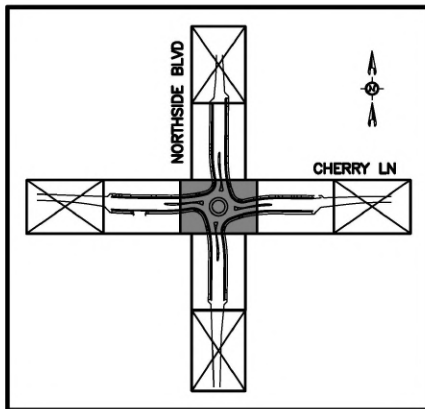
| Revisions: | SIGNATURES | | |
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| | | | |

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

SHEET TITLE

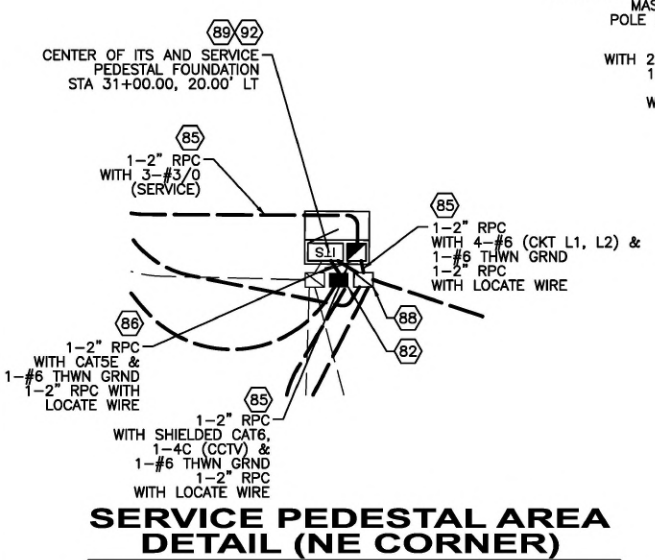
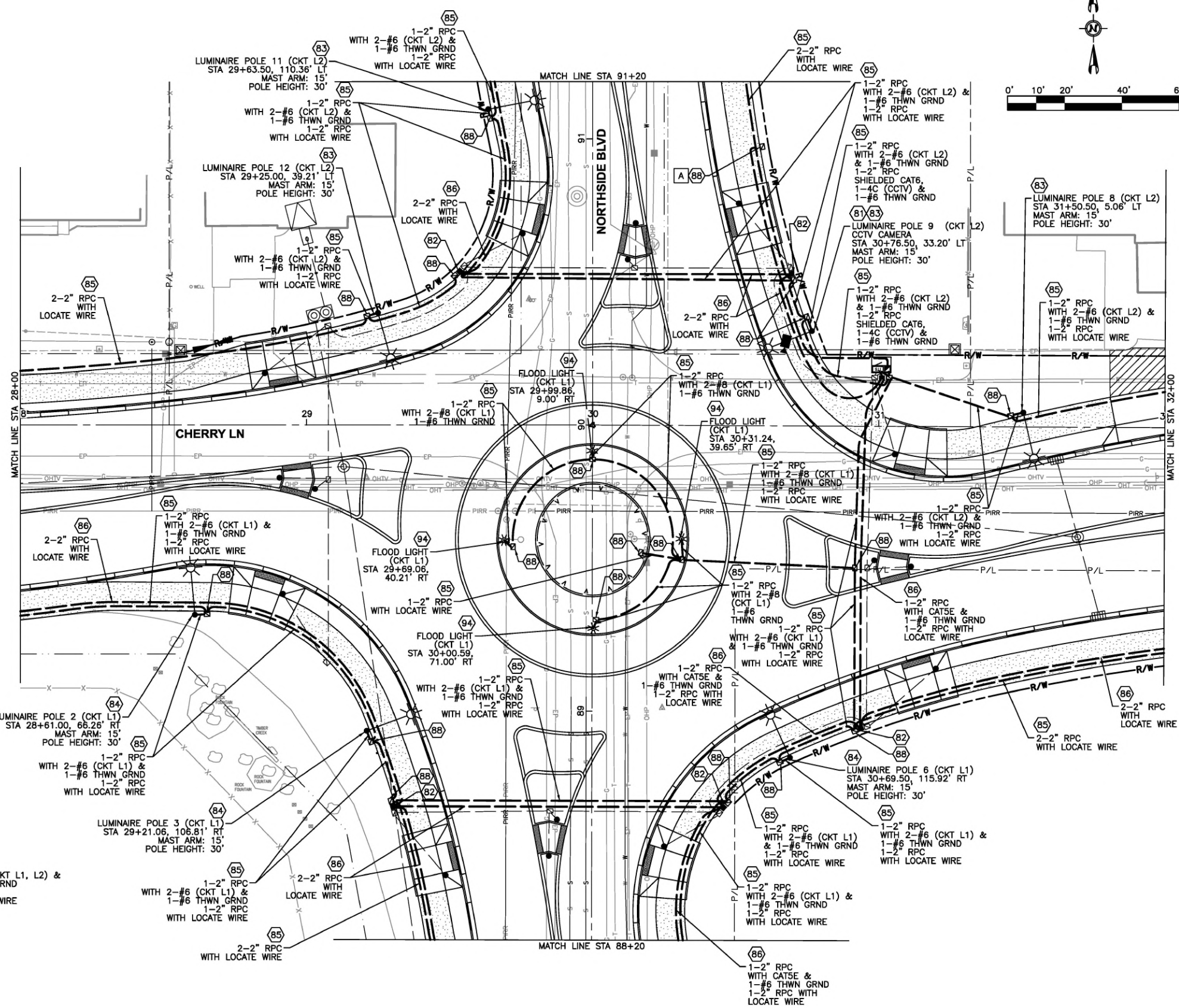
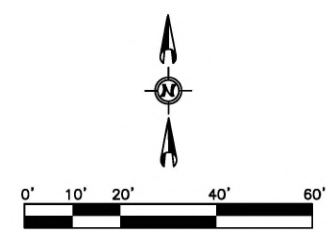
LIGHTING PLAN

PROFESSIONAL ENGINEER
REGISTERED
**ORIGINAL ON FILE AT
SIX MILE ENGINEERING**
6797
**ORIGINAL SIGNED
AUGUST 22, 2024**
LARRY J. WHITE



NOTES

- (81) CCTV CAMERA.
 - (82) JUNCTION BOX, S-45T/ADA WITH RISER.
 - (83) STREET LIGHT, TYPE STEEL (WITH HOUSE-SIDE SHIELD TO REDUCE TRESPASS LIGHT).
 - (84) STREET LIGHT, TYPE STEEL.
 - (85) STREET LIGHTING CONDUIT WITH CABLING INDICATED.
 - (86) INTERCONNECT CONDUIT WITH CABLING INDICATED.
 - (88) JUNCTION BOX, S-40T/ADA.
 - (89) SERVICE PEDESTAL.
 - (92) ITS CABINET AND FOUNDATION FOR CABINET AND SERVICE PEDESTAL.
 - (94) FLOOD LIGHT
 - A INSTALL JUNCTION BOX WITH EDGE 2' FROM BASE OF NEAREST POWER POLE WITH SERVICE DROP (LOCATION TO BE DETERMINED). IDAHO POWER WILL PROVIDE SERVICE CABLING TO JUNCTION BOX. CONTRACTOR TO FURNISH AND INSTALL CABLING TO SERVICE PEDESTAL. ASSUME 300' DISTANCE FROM SERVICE PEDESTAL TO SERVICE POLE.
1. LIGHTING SYSTEM, INCLUDING CONDUIT, CABLING, JUNCTION BOXES, POLES, FOUNDATIONS, CCTV CAMERA, ITS CABINET, LUMINAIRES AND VARIOUS OTHER ITEMS, HARDWARE AND FITTINGS NECESSARY FOR INSTALLATION OF A COMPLETE AND OPERATIONAL SYSTEM PAID FOR BY ITEM 1102.4.1.1.1.
 2. SPARE CONDUIT AND LIGHTING CONDUIT MAY BE INSTALLED IN THE SAME TRENCH.
 3. INSTALL ONE LOCATE WIRE (NO. 12 COPPER THWN GREEN) IN EACH SPARE CONDUIT. WHERE MULTIPLE LOCATE WIRE EXISTS IN THE JUNCTION BOX, THEY SHALL BE BONDED TOGETHER AND INSULATED. ALL LOCATE WIRE IN JUNCTION BOXES SHALL BE LABELED AS "LOCATE WIRE" AND INSULATED FROM ALL METALLIC ITEMS AND GROUND POTENTIAL SOURCES.
 4. REFER TO CITY OF NAMPA DIVISION 1100 TRAFFIC SPECIFICATIONS AND STANDARD DRAWINGS FOR ALL APPLICABLE INSTALLATIONS ON THIS PROJECT.
 5. STAKE THE LOCATIONS OF NEW POLES, JUNCTION BOXES, AND CONDUITS FOR APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION AND INSTALLATION.
 6. THE LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. FIELD VERIFY THE EXACT UTILITY LOCATIONS BEFORE CONSTRUCTION BEGINS. NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS.
 7. ALL MATERIALS AND EQUIPMENT NEEDED TO CONSTRUCT THIS PROJECT MUST BE APPROVED BY THE CITY OF NAMPA TRAFFIC DIVISION.
 8. EXPOSE ALL UTILITIES POTENTIALLY IMPACTED BY POLE FOUNDATION CONSTRUCTION OR JUNCTION BOX INSTALLATION AND COORDINATE WITH THE ENGINEER PRIOR TO ANY ADJUSTMENTS TO THE DESIGN LOCATION OF POLES AND JUNCTION BOXES.
 9. COORDINATE WITH THE CITY OF NAMPA FOR AN ON-GROUND ILLUMINATION FIXTURE PRE-INSPECTION BEFORE STANDING ANY LIGHTING FIXTURE STRUCTURE (AERIAL ILLUMINATION FIXTURE INSPECTIONS ARE NOT PRACTICAL). CONTACT NAMPA TRAFFIC DIVISION AT 208-468-5511.



LEGEND

- (89) SERVICE PEDESTAL AND ITS CABINET
- (88) S-40T/ADA JUNCTION BOX
- (82) S-45T/ADA JUNCTION BOX WITH RISER
- (83) LUMINAIRE AND POLE
- (81) CCTV CAMERA
- (84) RRFB HEAD
- (85) POLE MOUNTED SIGN
- (86) CONDUIT GROUP
- (1) BID ITEM NOTE NUMBER
- (A) PROJECT NOTE NUMBER
- (1) SIGN NUMBER

Revisions:

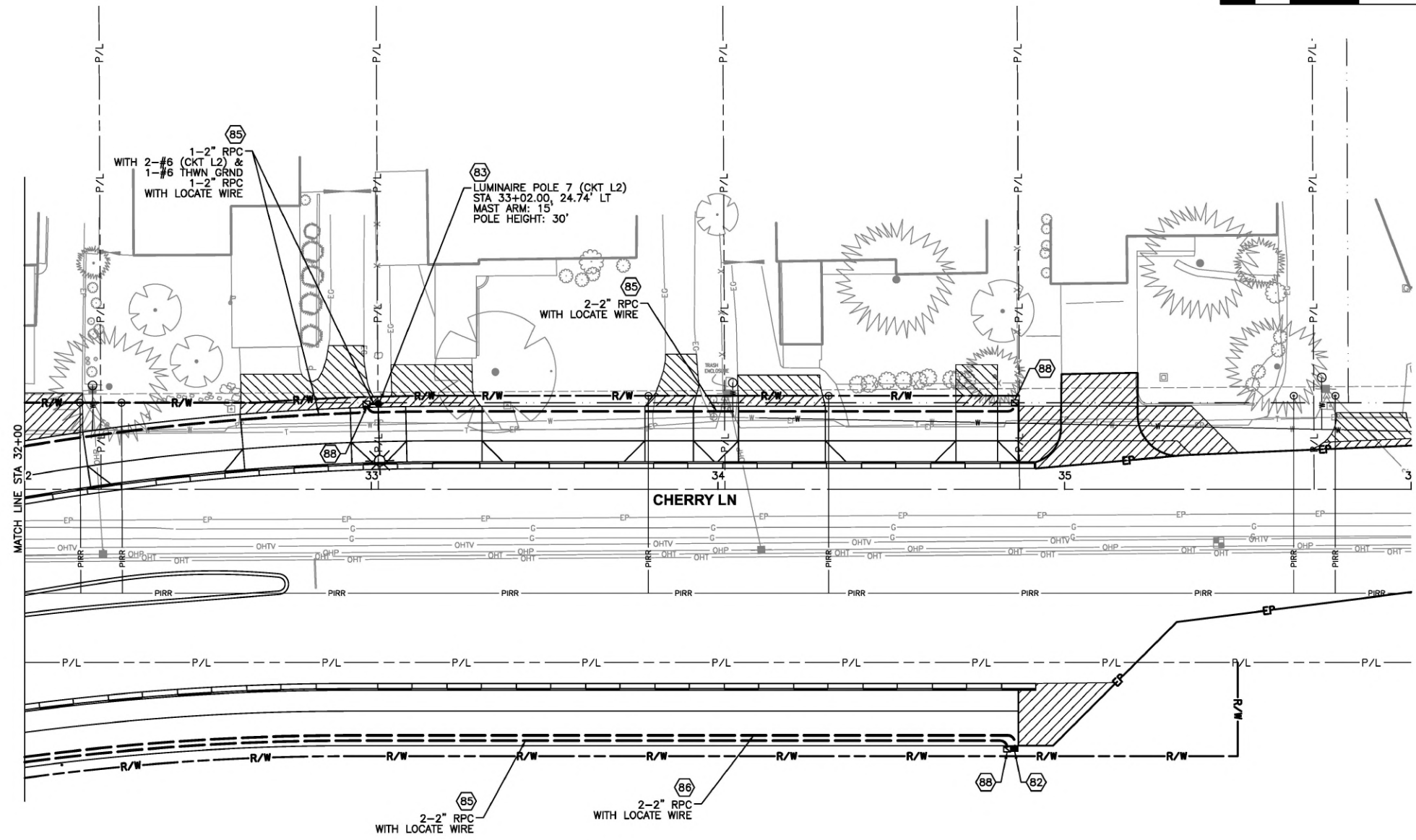
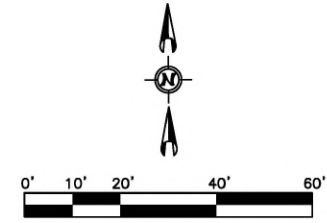
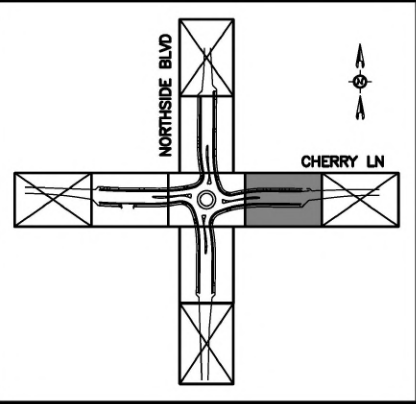
SIGNATURES

SHEET TITLE
LIGHTING PLAN

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

SIX MILE Engineering

PROFESSIONAL ENGINEER
REGISTERED
ORIGINAL ON FILE AT
SIX MILE ENGINEERING
6797
ORIGINAL SIGNED
AUGUST 22, 2024
LARRY J. WHITE



NOTES

- (82) JUNCTION BOX, S-45T/ADA WITH RISER.
 - (83) STREET LIGHT, TYPE STEEL (WITH HOUSE-SIDE SHIELD TO REDUCE TRESPASS LIGHT).
 - (85) STREET LIGHTING CONDUIT WITH CABLING INDICATED.
 - (86) INTERCONNECT CONDUIT WITH CABLING INDICATED.
 - (88) JUNCTION BOX, S-40T/ADA.
1. LIGHTING SYSTEM, INCLUDING CONDUIT, CABLING, JUNCTION BOXES, POLES, FOUNDATIONS, CCTV CAMERA, ITS CABINET, LUMINAIRES AND VARIOUS OTHER ITEMS, HARDWARE AND FITTINGS NECESSARY FOR INSTALLATION OF A COMPLETE AND OPERATIONAL SYSTEM PAID FOR BY ITEM 1102.4.1.1.1.
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 7. ALL MATERIALS AND EQUIPMENT NEEDED TO CONSTRUCT THIS PROJECT MUST BE APPROVED BY THE CITY OF NAMPA TRAFFIC DIVISION.
 8. EXPOSE ALL UTILITIES POTENTIALLY IMPACTED BY POLE FOUNDATION CONSTRUCTION OR JUNCTION BOX INSTALLATION AND COORDINATE WITH THE ENGINEER PRIOR TO ANY ADJUSTMENTS TO THE DESIGN LOCATION OF POLES AND JUNCTION BOXES.
 9. COORDINATE WITH THE CITY OF NAMPA FOR AN ON-GROUND ILLUMINATION FIXTURE PRE-INSPECTION BEFORE STANDING ANY LIGHTING FIXTURE STRUCTURE (AERIAL ILLUMINATION FIXTURE INSPECTIONS ARE NOT PRACTICAL). CONTACT NAMPA TRAFFIC DIVISION AT 208-468-5511.

LEGEND

- SERVICE PEDIESTAL AND ITS CABINET
- S-40T/ADA JUNCTION BOX
- S-45T/ADA JUNCTION BOX WITH RISER
- LUMINAIRE AND POLE
- CCTV CAMERA
- RRFB HEAD
- POLE MOUNTED SIGN
- CONDUIT GROUP
- (1) BID ITEM NOTE NUMBER
- (A) PROJECT NOTE NUMBER
- (1) SIGN NUMBER

Revisions:

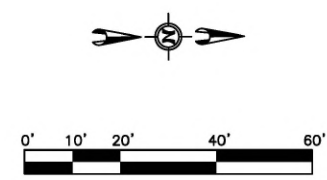
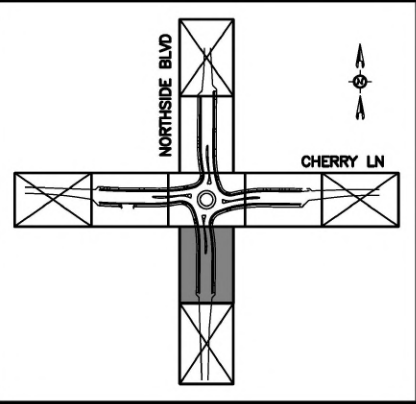
• SIGNATURES •

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

• SHEET TITLE •

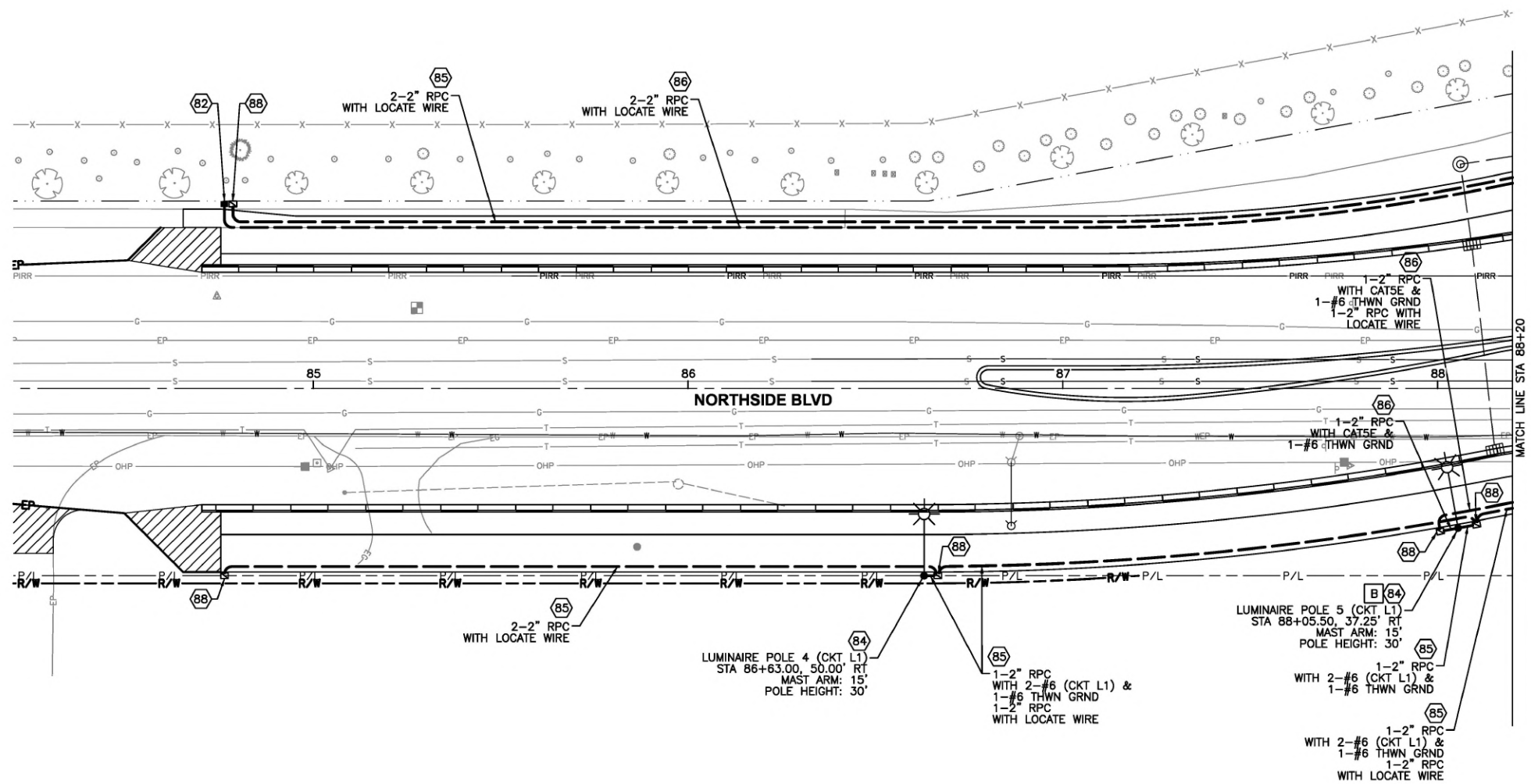
LIGHTING PLAN

PROFESSIONAL ENGINEER
REGISTERED
ORIGINAL ON FILE AT
SIX MILE ENGINEERING
6797
ORIGINAL SIGNED
AUGUST 22, 2024
LARRY J. WHITE



NOTES

- (82) JUNCTION BOX, S-45T/ADA WITH RISER.
 - (84) STREET LIGHT, TYPE STEEL.
 - (85) STREET LIGHTING CONDUIT WITH CABLING INDICATED.
 - (86) INTERCONNECT CONDUIT WITH CABLING INDICATED.
 - (88) JUNCTION BOX, S-40T/ADA.
 - B THE CITY OF NAMPA WILL INSTALL POINT TO POINT ACCESS UNIT ON POLE 5, ORIENTED TOWARDS NORTHSIDE BOULEVARD AND KARCHER ROAD, WITH NORTHSIDE BOULEVARD AND USTICK ROAD PROJECT.
1. LIGHTING SYSTEM, INCLUDING CONDUIT, CABLING, JUNCTION BOXES, POLES, FOUNDATIONS, CCTV CAMERA, ITS CABINET, LUMINAIRES AND VARIOUS OTHER ITEMS, HARDWARE AND FITTINGS NECESSARY FOR INSTALLATION OF A COMPLETE AND OPERATIONAL SYSTEM PAID FOR BY ITEM 1102.4.1.1.
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 4. REFER TO CITY OF NAMPA DIVISION 1100 TRAFFIC SPECIFICATIONS AND STANDARD DRAWINGS FOR ALL APPLICABLE INSTALLATIONS ON THIS PROJECT.
 5. STAKE THE LOCATIONS OF NEW POLES, JUNCTION BOXES, AND CONDUITS FOR APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION AND INSTALLATION.
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 9. COORDINATE WITH THE CITY OF NAMPA FOR AN ON-GROUND ILLUMINATION FIXTURE PRE-INSPECTION BEFORE STANDING ANY LIGHTING FIXTURE STRUCTURE (AERIAL ILLUMINATION FIXTURE INSPECTIONS ARE NOT PRACTICAL). CONTACT NAMPA TRAFFIC DIVISION AT 208-468-5511.



LEGEND

- (84) SERVICE PEDESTAL AND ITS CABINET
- (82) S-40T/ADA JUNCTION BOX
- (82) S-45T/ADA JUNCTION BOX WITH RISER
- (84) LUMINAIRE AND POLE
- (88) CCTV CAMERA
- (88) RRFB HEAD
- (88) POLE MOUNTED SIGN
- (85) CONDUIT GROUP
- (1) BID ITEM NOTE NUMBER
- (A) PROJECT NOTE NUMBER
- (1) SIGN NUMBER

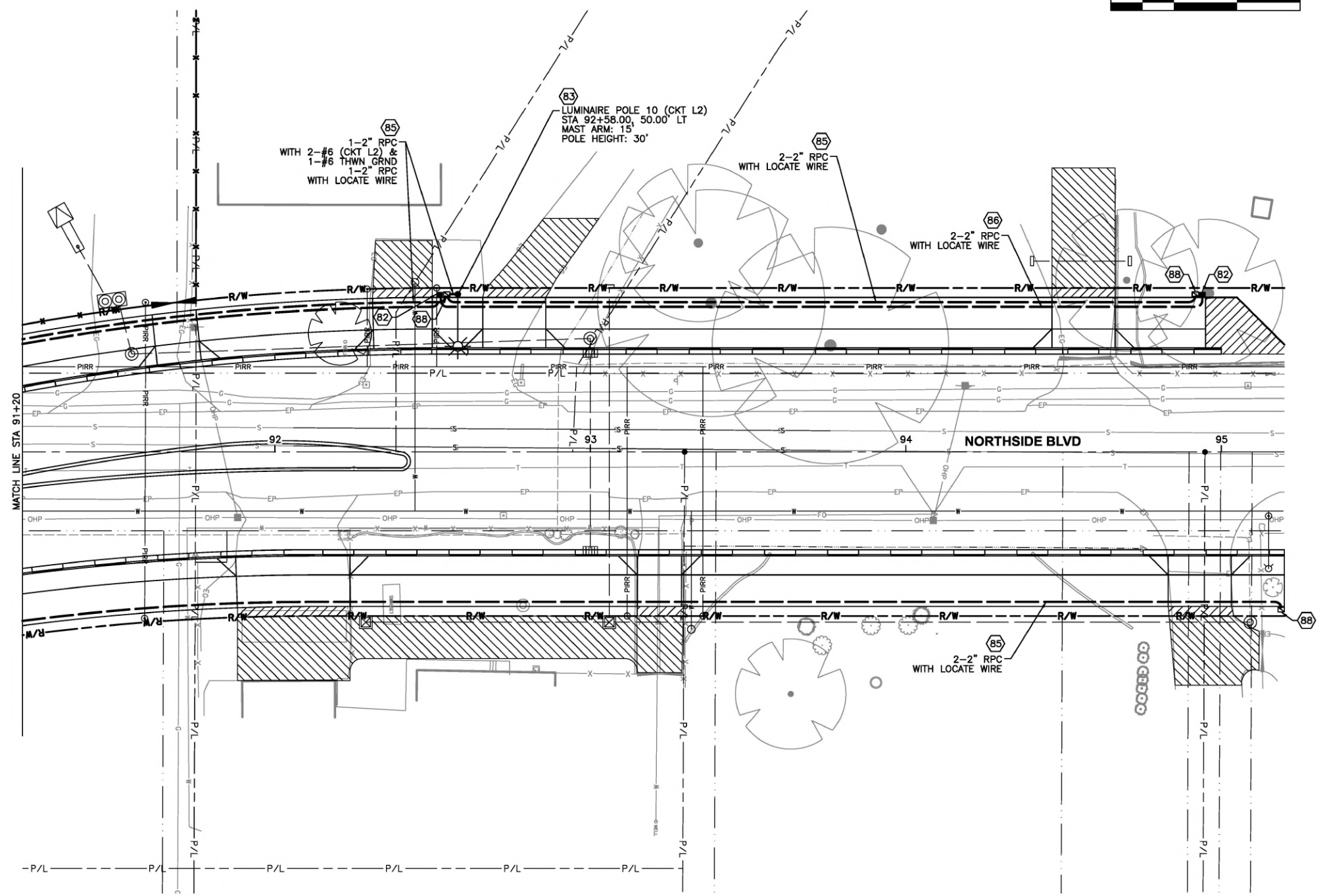
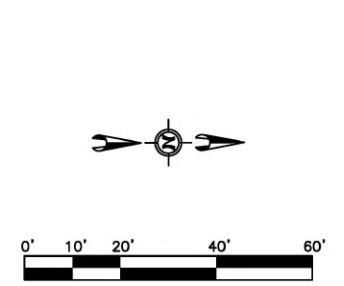
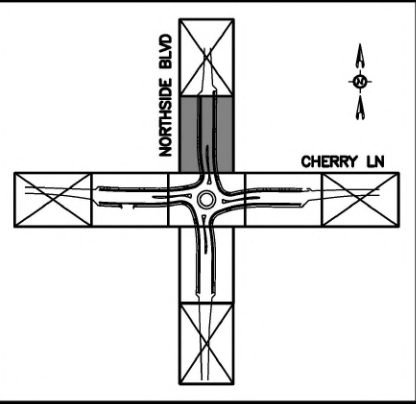
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| Revisions: | SIGNATURES | | |
| | | | |

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

SHEET TITLE

LIGHTING PLAN





NOTES

- 82 JUNCTION BOX, S-45T/ADA WITH RISER.
 - 83 STREET LIGHT, TYPE STEEL (WITH HOUSE-SIDE SHIELD TO REDUCE TRESPASS LIGHT).
 - 85 STREET LIGHTING CONDUIT WITH CABLING INDICATED.
 - 86 INTERCONNECT CONDUIT WITH CABLING INDICATED.
 - 88 JUNCTION BOX, S-40T/ADA.
1. LIGHTING SYSTEM, INCLUDING CONDUIT, CABLING, JUNCTION BOXES, POLES, FOUNDATIONS, CCTV CAMERA, ITS CABINET, LUMINAIRES AND VARIOUS OTHER ITEMS, HARDWARE AND FITTINGS NECESSARY FOR INSTALLATION OF A COMPLETE AND OPERATIONAL SYSTEM PAID FOR BY ITEM 1102.4.1.1.1.
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 9. COORDINATE WITH THE CITY OF NAMPA FOR AN ON-GROUND ILLUMINATION FIXTURE PRE-INSPECTION BEFORE STANDING ANY LIGHTING FIXTURE STRUCTURE (AERIAL ILLUMINATION FIXTURE INSPECTIONS ARE NOT PRACTICAL). CONTACT NAMPA TRAFFIC DIVISION AT 208-468-5511.

LEGEND

- SERVICE PESTAL AND ITS CABINET
- S-40T/ADA JUNCTION BOX
- S-45T/ADA JUNCTION BOX WITH RISER
- LUMINAIRE AND POLE
- CCTV CAMERA
- RRFB HEAD
- POLE MOUNTED SIGN
- CONDUIT GROUP
- 1 BID ITEM NOTE NUMBER
- A PROJECT NOTE NUMBER
- 1 SIGN NUMBER

Revisions:

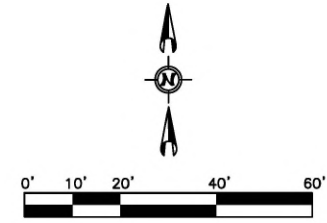
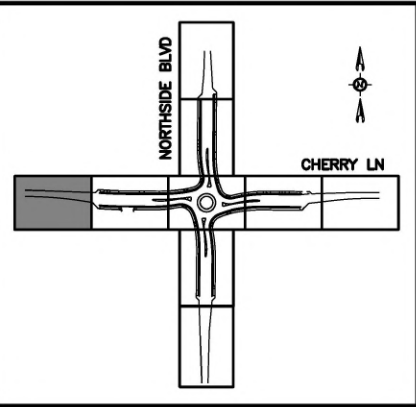
• SIGNATURES •

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

• SHEET TITLE •

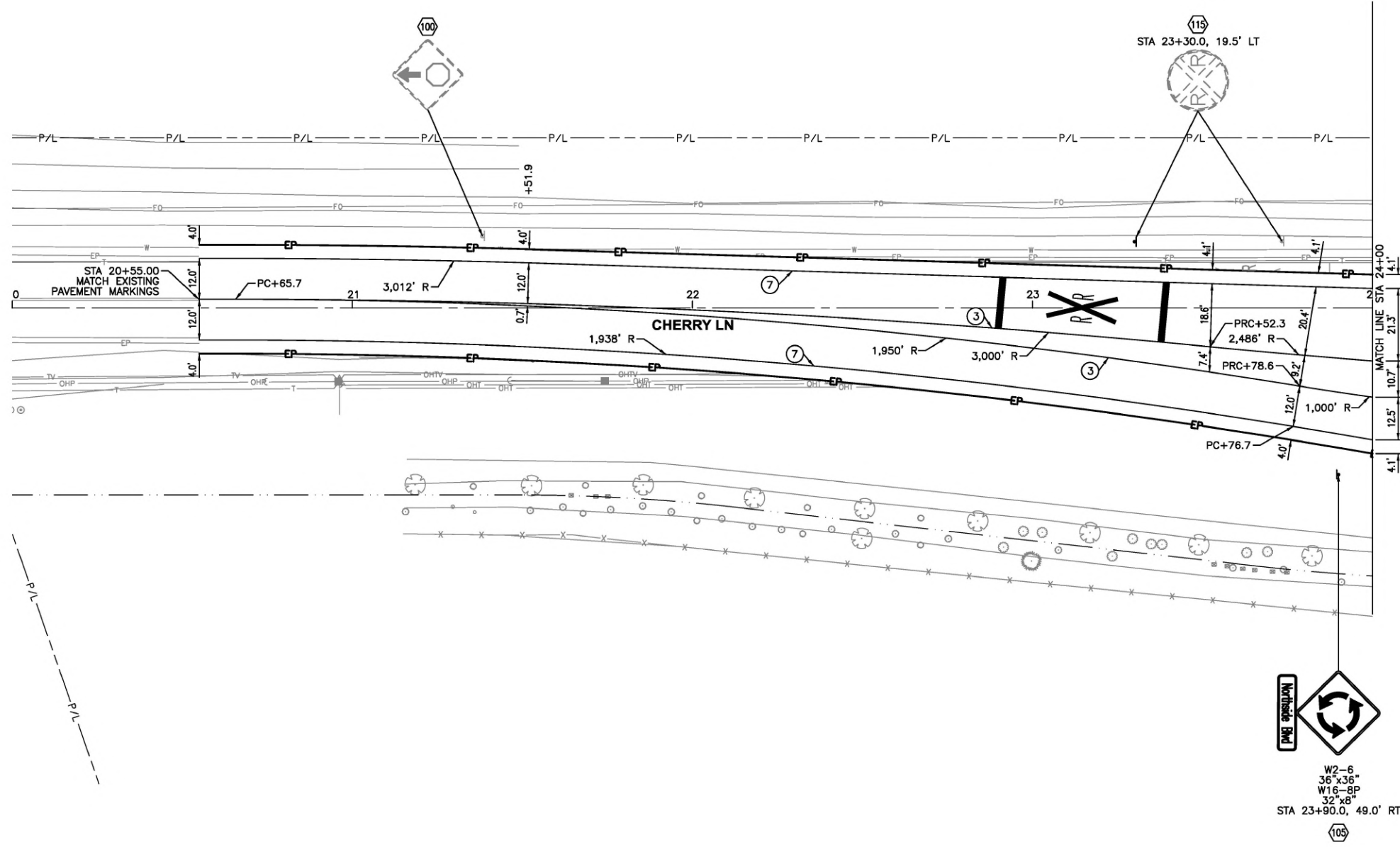
LIGHTING PLAN





NOTES

- 100 RETAIN AND PROTECT EXISTING SIGN.
 - 105 ROADSIDE TRAFFIC SIGN INSTALLATION (ONE METAL POST), ITEM 1105.4.1.E.1
 - 115 RELOCATE ROADSIDE SIGN, ITEM 1105.4.1.H.1
1. PAVEMENT MARKING DIMENSIONS SHOWN ARE FROM LIP OF GUTTER, EDGE OF PAVEMENT OR FACE OF MEDIAN/ISLAND CURB TO CENTER OF PAVEMENT MARKING.
 2. PLACE PAINT MARKINGS ON ASPHALT PAVEMENT, ITEM 1104.4.1.A.1, AND CONTRAST TAPE (3M SERIES 380 CONTRAST OR FLINT TRADING PREMARK CONTRAST) ON CONCRETE PAVEMENT, ITEM 1104.4.1.C.1.
 3. REFER TO CITY OF NAMPA 2023 STANDARD CONSTRUCTION SPECIFICATIONS FOR SIGNING MATERIALS AND INSTALLATION REQUIREMENTS. UTILIZE A 10"x3" SONOTUBE FLUSH WITH FINISHED SURFACE FOR SIGNS LOCATED IN CONCRETE AREAS.



PAVEMENT MARKING LEGEND

- INCLUDES ALL SYMBOLS AND TEXT
- ① 8" SOLID WHITE
 - ② 4" SOLID DOUBLE YELLOW
 - ③ 4" SOLID YELLOW
 - ④ 12" BROKEN WHITE ROUNDABOUT ENTRY MARKING (2'-3')
 - ⑤ 4" COMBINATION SOLID AND BROKEN YELLOW LINE (7'-18')
 - ⑥ 4" BROKEN WHITE (7'-18')
 - ⑦ 4" SOLID WHITE
 - ⑧ 4" DOTTED WHITE (3'-9')
 - ⑨ 8" DOTTED WHITE (3'-9')
 - ⑩ 24" WHITE CROSSWALK LADDER (CENTERED ON RAMPS)
- LANE DROP MARKING (42 SF)
 - RIGHT TURN ARROW MARKING (16 SF)
 - THRU/LEFT TURN ARROW MARKING (33 SF)
 - RAILROAD PAVEMENT MARKING

Revisions:

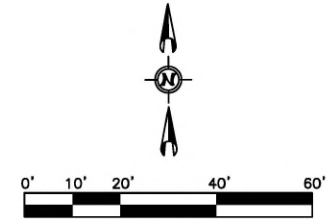
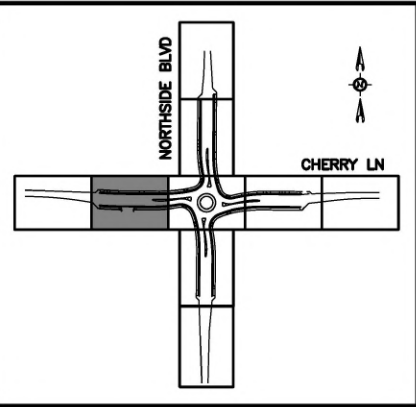
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Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

• SHEET TITLE •

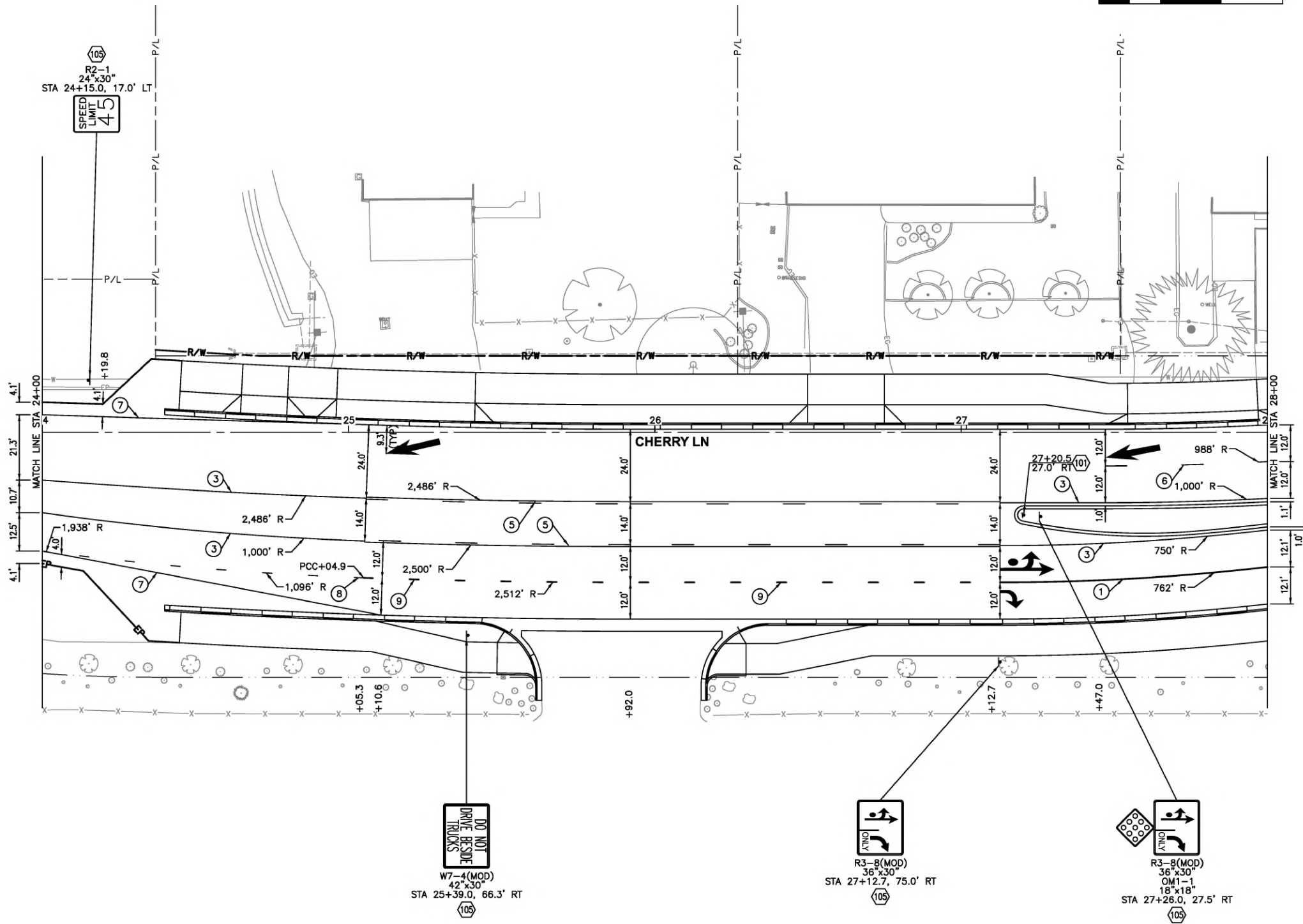
SIGNING AND PAVEMENT MARKING PLAN

PROFESSIONAL ENGINEER
REGISTERED
ORIGINAL ON FILE AT
SIX MILE ENGINEERING
6797
ORIGINAL SIGNED
AUGUST 22, 2024
LARRY J. WHITE



NOTES

- (101) CHANNELIZER (18" YELLOW), ITEM 1105.4.1.G.1
- (105) ROADSIDE TRAFFIC SIGN INSTALLATION (ONE METAL POST), ITEM 1105.4.1.E.1
- 1. PAVEMENT MARKING DIMENSIONS SHOWN ARE FROM LIP OF GUTTER, EDGE OF PAVEMENT OR FACE OF MEDIAN/ISLAND CURB TO CENTER OF PAVEMENT MARKING.
- 2. PLACE PAINT MARKINGS ON ASPHALT PAVEMENT, ITEM 1104.4.1.A.1, AND CONTRAST TAPE (3M SERIES 380 CONTRAST OR FLINT TRADING PREMARK CONTRAST) ON CONCRETE PAVEMENT, ITEM 1104.4.1.C.1.
- 3. REFER TO CITY OF NAMPA 2023 STANDARD CONSTRUCTION SPECIFICATIONS FOR SIGNING MATERIALS AND INSTALLATION REQUIREMENTS. UTILIZE A 10"X3' SONOTUBE FLUSH WITH FINISHED SURFACE FOR SIGNS LOCATED IN CONCRETE AREAS.



PAVEMENT MARKING LEGEND

- INCLUDES ALL SYMBOLS AND TEXT
- (1) 8" SOLID WHITE
 - (2) 4" SOLID DOUBLE YELLOW
 - (3) 4" SOLID YELLOW
 - (4) 12" BROKEN WHITE ROUNDABOUT ENTRY MARKING (2'-3')
 - (5) 4" COMBINATION SOLID AND BROKEN YELLOW LINE (7'-18')
 - (6) 4" BROKEN WHITE (7'-18')
 - (7) 4" SOLID WHITE
 - (8) 4" DOTTED WHITE (3'-9')
 - (9) 8" DOTTED WHITE (3'-9')
 - (10) 24" WHITE CROSSWALK LADDER (CENTERED ON RAMPS)
- ← LANE DROP MARKING (42 SF)
 - ↪ RIGHT TURN ARROW MARKING (16 SF)
 - ↪ THRU/LEFT TURN ARROW MARKING (33 SF)

Revisions: _____

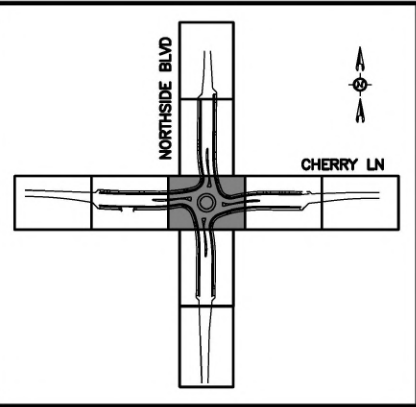
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Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

SHEET TITLE

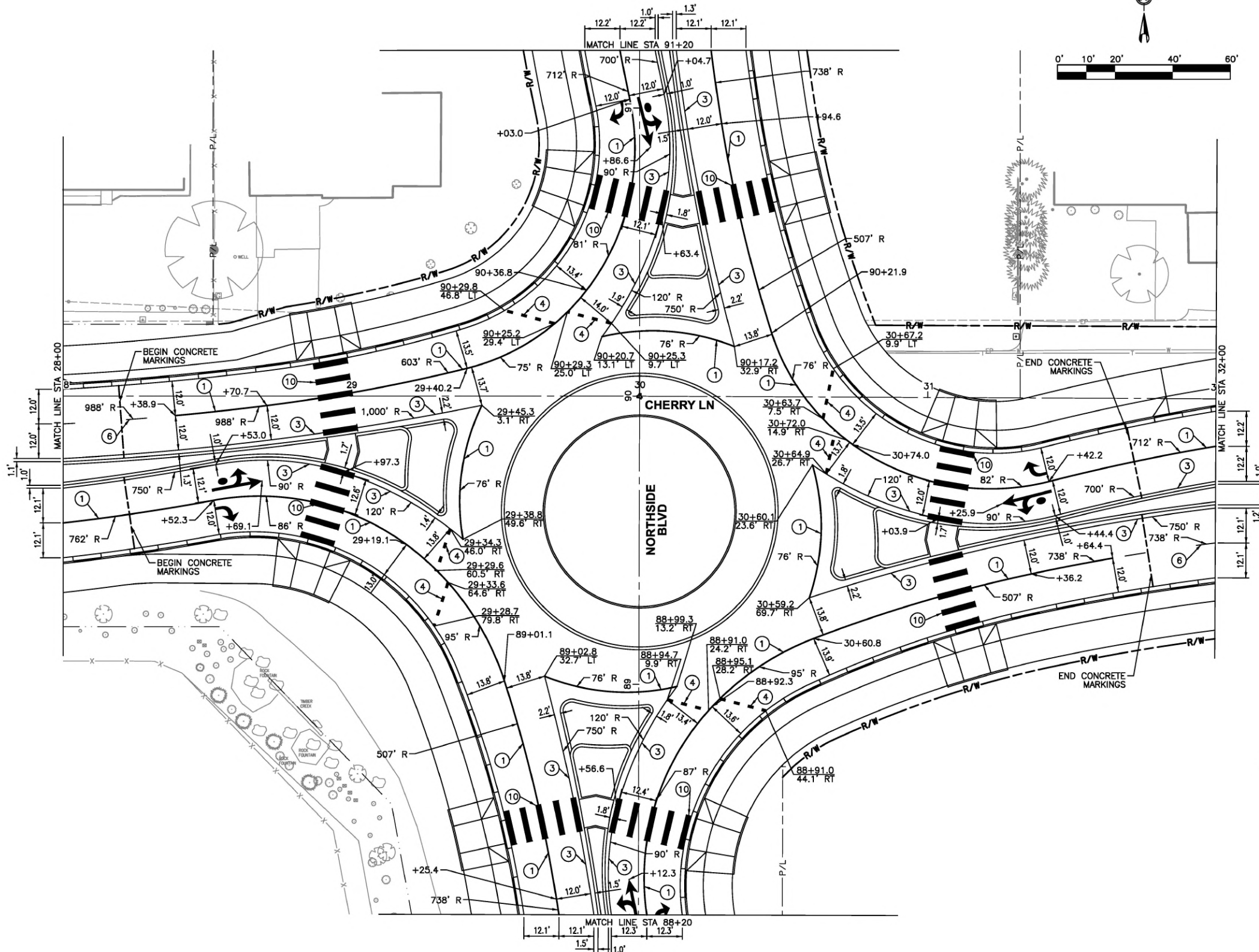
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6797
**ORIGINAL SIGNED
AUGUST 22, 2024**
LARRY J. WHITE



NOTES

1. PAVEMENT MARKING DIMENSIONS SHOWN ARE FROM LIP OF GUTTER, EDGE OF PAVEMENT OR FACE OF MEDIAN/ISLAND CURB TO CENTER OF PAVEMENT MARKING.
2. PLACE PAINT MARKINGS ON ASPHALT PAVEMENT, ITEM 1104.4.1.A.1, AND CONTRAST TAPE (3M SERIES 380 CONTRAST OR FLINT TRADING PREMARK CONTRAST) ON CONCRETE PAVEMENT, ITEM 1104.4.1.C.1.



PAVEMENT MARKING LEGEND

- INCLUDES ALL SYMBOLS AND TEXT
- ① 8" SOLID WHITE
 - ② 4" SOLID DOUBLE YELLOW
 - ③ 4" SOLID YELLOW
 - ④ 12" BROKEN WHITE ROUNDABOUT ENTRY MARKING (2'-3')
 - ⑤ 4" COMBINATION SOLID AND BROKEN YELLOW LINE (7'-18')
 - ⑥ 4" BROKEN WHITE (7'-18')
 - ⑦ 4" SOLID WHITE
 - ⑧ 4" DOTTED WHITE (3'-9')
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 - ↩ THRU/LEFT TURN ARROW MARKING (33 SF)

Revisions: _____

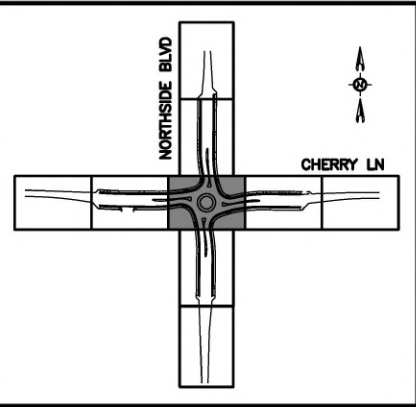
• SIGNATURES •

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

• SHEET TITLE •

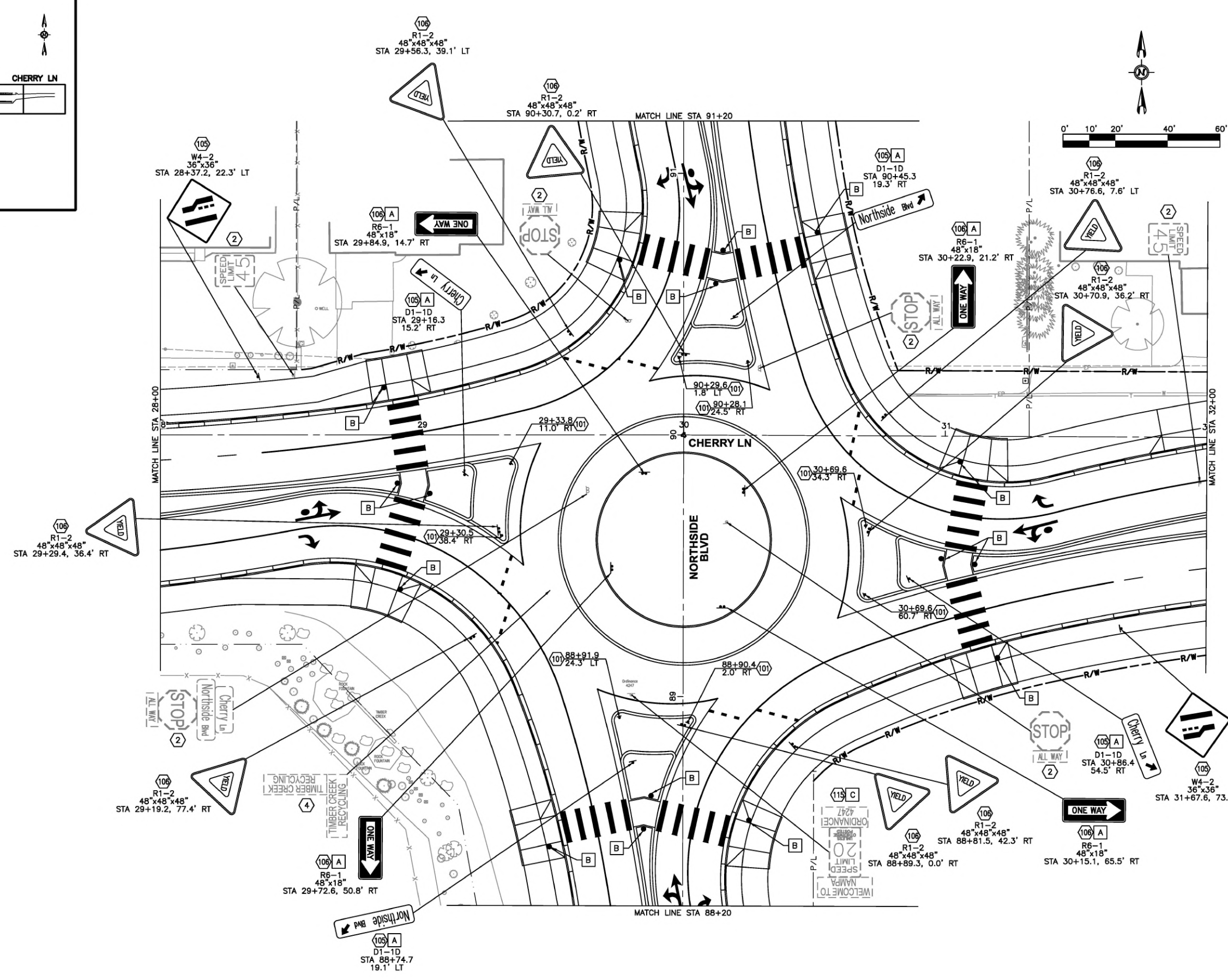
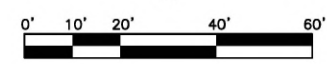
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6797
**ORIGINAL SIGNED
AUGUST 22, 2024**
LARRY J. WHITE



NOTES

- ② REMOVE AND SALVAGE ROADSIDE SIGN (DELIVER SIGN FACE TO NHD), ITEM 201.4.1.C.1
 - ④ REMOVE AND SALVAGE ROADSIDE SIGN (DELIVER SIGN FACE TO PROPERTY OWNER), ITEM 201.4.1.C.1
 - ⑩① CHANNELIZER (18" YELLOW), ITEM 1105.4.1.G.1
 - ⑩⑤ ROADSIDE TRAFFIC SIGN INSTALLATION (ONE METAL POST), ITEM 1105.4.1.E.1
 - ⑩⑥ ROADSIDE TRAFFIC SIGN INSTALLATION (TWO METAL POSTS), ITEM 1105.4.1.F.1
 - ⑩⑮ RELOCATE ROADSIDE SIGN, ITEM 1105.4.1.H.1
 - A MOUNT AT 3.5' MEASURED FROM TOP OF CURB TO LOWER EDGE OF SIGN.
 - B REFER TO RRFB AND ILLUMINATION PLANS FOR RRFB AND POLE MOUNTED SIGN LOCATIONS.
 - C RELOCATE ROADSIDE SIGN R2-1 ASSEMBLY FROM STA 89+00.7 LT TO STA 86+95.0 LT.
1. REFER TO CITY OF NAMPA 2023 STANDARD CONSTRUCTION SPECIFICATIONS FOR SIGNING MATERIALS AND INSTALLATION REQUIREMENTS. UTILIZE A 10"x3" SONOTUBE FLUSH WITH FINISHED SURFACE FOR SIGNS LOCATED IN CONCRETE AREAS.



PAVEMENT MARKING LEGEND

- INCLUDES ALL SYMBOLS AND TEXT
- ① 8" SOLID WHITE
 - ② 4" SOLID DOUBLE YELLOW
 - ③ 4" SOLID YELLOW
 - ④ 12" BROKEN WHITE ROUNDABOUT ENTRY MARKING (2'-3')
 - ⑤ 4" COMBINATION SOLID AND BROKEN YELLOW LINE (7'-18')
 - ⑥ 4" BROKEN WHITE (7'-18')
 - ⑦ 4" SOLID WHITE
 - ⑧ 4" DOTTED WHITE (3'-9')
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- ← LANE DROP MARKING (42 SF)
 - ↪ RIGHT TURN ARROW MARKING (16 SF)
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Revisions:

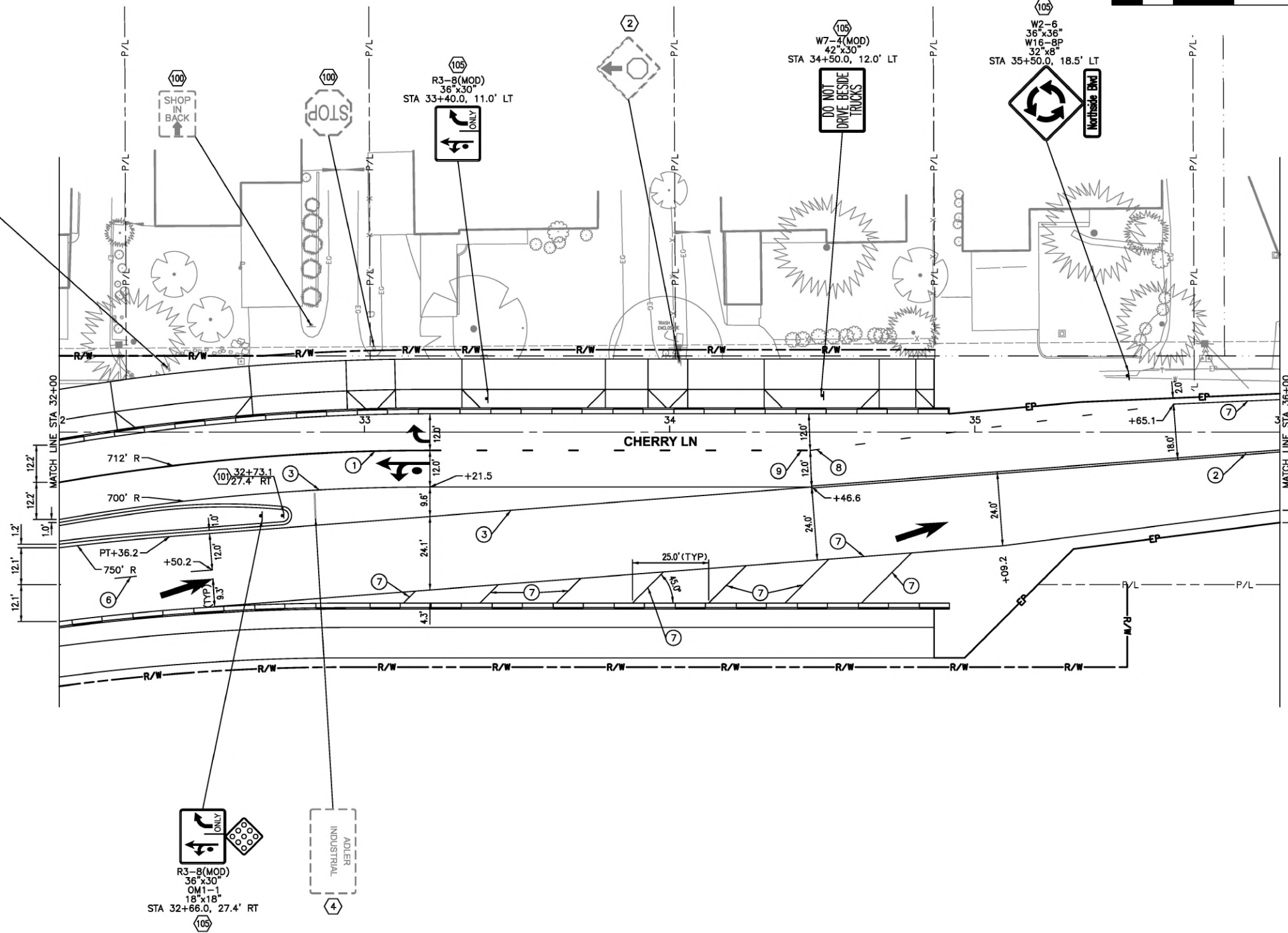
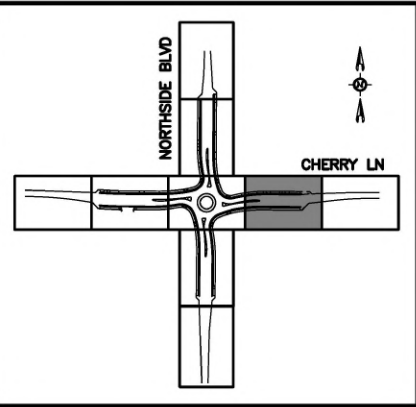
SIGNATURES

SHEET TITLE
SIGNING AND PAVEMENT MARKING PLAN

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

SIX MILE ENGINEERING





NOTES

- ② REMOVE AND SALVAGE ROADSIDE SIGN (DELIVER SIGN FACE TO NHD), ITEM 201.4.1.C.1
 - ④ REMOVE AND SALVAGE ROADSIDE SIGN (DELIVER SIGN FACE TO PROPERTY OWNER), ITEM 201.4.1.C.1
 - ⑩ RETAIN AND PROTECT EXISTING SIGN.
 - ⑩1 CHANNELIZER (18" YELLOW), ITEM 1105.4.1.G.1
 - ⑩5 ROADSIDE TRAFFIC SIGN INSTALLATION (ONE METAL POST), ITEM 1105.4.1.E.1
 - ⑪5 RELOCATE ROADSIDE SIGN, ITEM 1105.4.1.H.1
 - D RELOCATE ROADSIDE SIGN D9-2 ASSEMBLY FROM STA 32+35.5 LT TO STA 36+50.0 LT.
1. PAVEMENT MARKING DIMENSIONS SHOWN ARE FROM LIP OF GUTTER, EDGE OF PAVEMENT OR FACE OF MEDIAN/ISLAND CURB TO CENTER OF PAVEMENT MARKING.
 2. PLACE PAINT MARKINGS ON ASPHALT PAVEMENT, ITEM 1104.4.1.A.1, AND CONTRAST TAPE (3M SERIES 380 CONTRAST OR FLINT TRADING PREMARK CONTRAST) ON CONCRETE PAVEMENT, ITEM 1104.4.1.C.1.
 3. REFER TO CITY OF NAMPA 2023 STANDARD CONSTRUCTION SPECIFICATIONS FOR SIGNING MATERIALS AND INSTALLATION REQUIREMENTS. UTILIZE A 10"x3" SONOTUBE FLUSH WITH FINISHED SURFACE FOR SIGNS LOCATED IN CONCRETE AREAS.

PAVEMENT MARKING LEGEND

- INCLUDES ALL SYMBOLS AND TEXT
- ① 8" SOLID WHITE
 - ② 4" SOLID DOUBLE YELLOW
 - ③ 4" SOLID YELLOW
 - ④ 12" BROKEN WHITE ROUNDABOUT ENTRY MARKING (2'-3')
 - ⑤ 4" COMBINATION SOLID AND BROKEN YELLOW LINE (7'-18')
 - ⑥ 4" BROKEN WHITE (7'-18')
 - ⑦ 4" SOLID WHITE
 - ⑧ 4" DOTTED WHITE (3'-9')
 - ⑨ 8" DOTTED WHITE (3'-9')
 - ⑩ 24" WHITE CROSSWALK LADDER (CENTERED ON RAMPS)
- ← LANE DROP MARKING (42 SF)
 - ↪ RIGHT TURN ARROW MARKING (16 SF)
 - ↩ THRU/LEFT TURN ARROW MARKING (33 SF)

PROFESSIONAL ENGINEER
REGISTERED
ORIGINAL ON FILE AT
SIX MILE ENGINEERING
6797
ORIGINAL SIGNED
AUGUST 22, 2024
LARRY J. WHITE

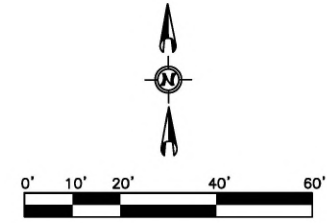
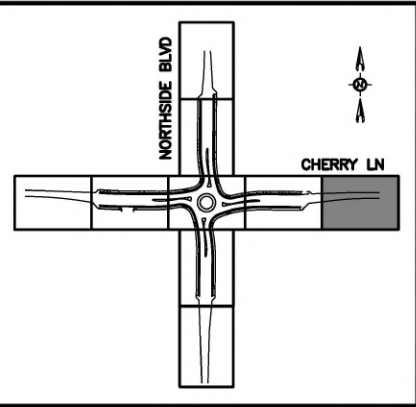
Revisions: _____

SIGNATURES

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

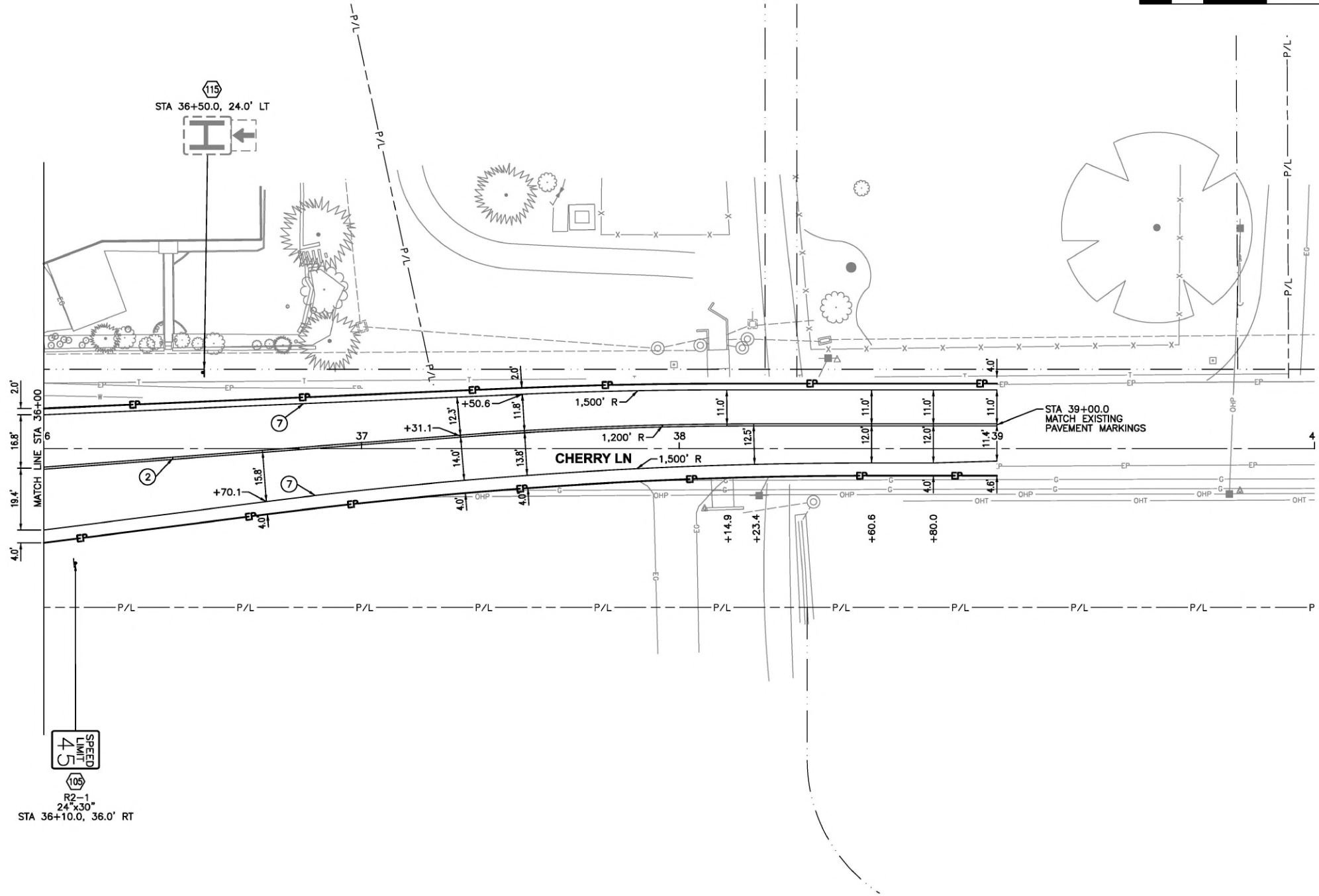
SHEET TITLE

SIGNING AND PAVEMENT MARKING PLAN



NOTES

- 105 ROADSIDE TRAFFIC SIGN INSTALLATION (ONE METAL POST), ITEM 1105.4.1.E.1
- 115 RELOCATE ROADSIDE SIGN, ITEM 1105.4.1.H.1
- 1. PAVEMENT MARKING DIMENSIONS SHOWN ARE FROM LIP OF GUTTER, EDGE OF PAVEMENT OR FACE OF MEDIAN/ISLAND CURB TO CENTER OF PAVEMENT MARKING.
- 2. PLACE PAINT MARKINGS ON ASPHALT PAVEMENT, ITEM 1104.4.1.A.1, AND CONTRAST TAPE (3M SERIES 380 CONTRAST OR FLINT TRADING PREMARK CONTRAST) ON CONCRETE PAVEMENT, ITEM 1104.4.1.C.1.
- 3. REFER TO CITY OF NAMPA 2023 STANDARD CONSTRUCTION SPECIFICATIONS FOR SIGNING MATERIALS AND INSTALLATION REQUIREMENTS. UTILIZE A 10"X3" SONOTUBE FLUSH WITH FINISHED SURFACE FOR SIGNS LOCATED IN CONCRETE AREAS.



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Revisions:

• SIGNATURES •

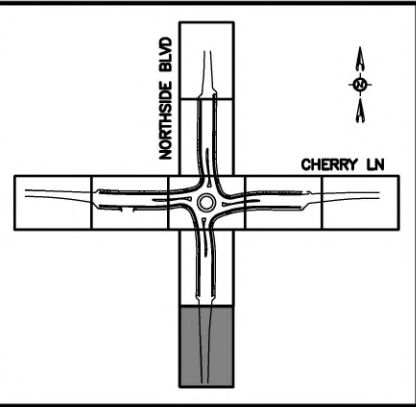
Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

• SHEET TITLE •

SIGNING AND PAVEMENT MARKING PLAN

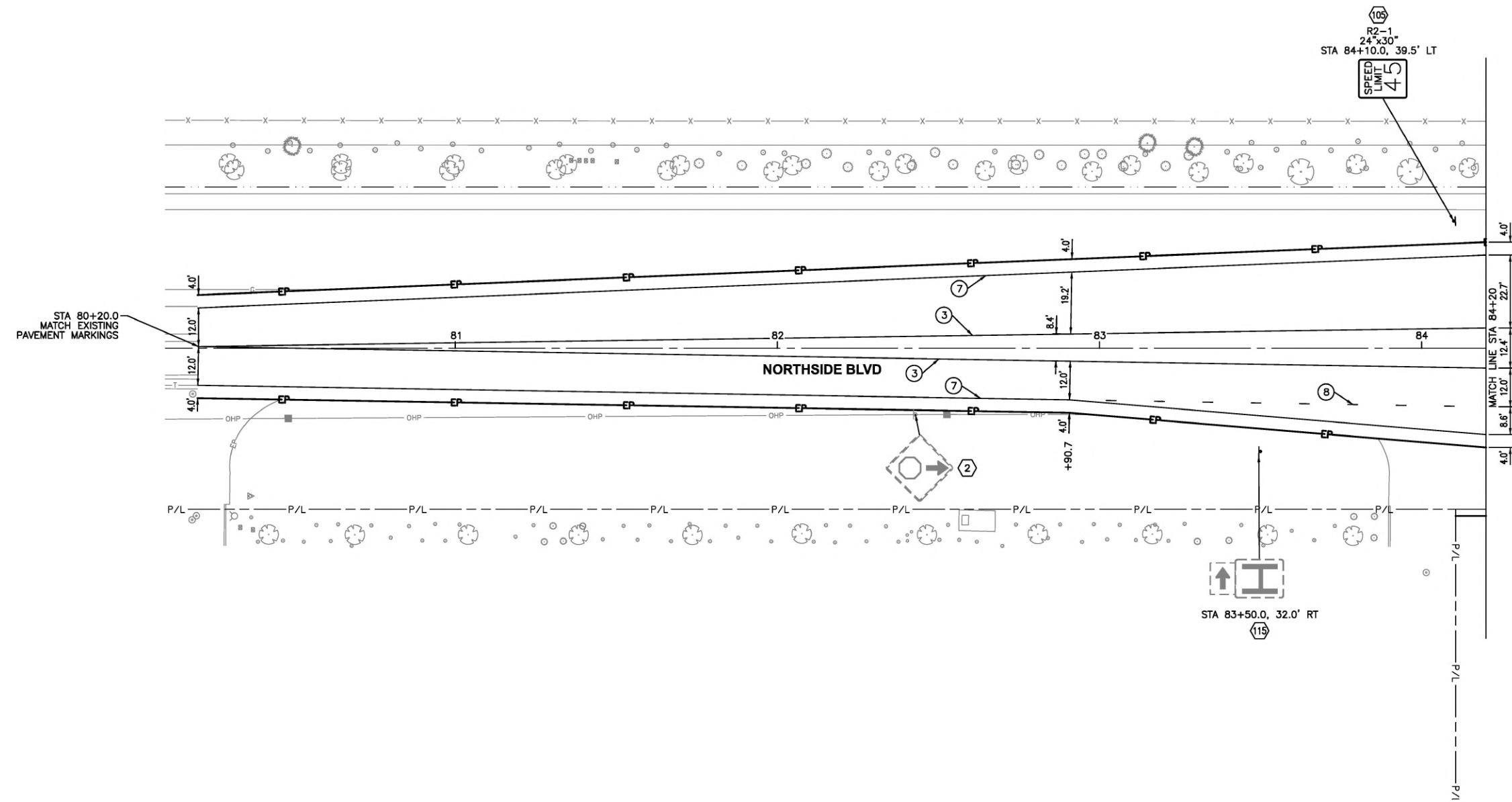
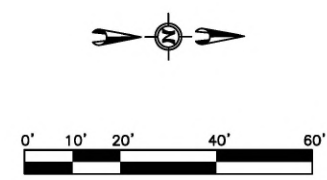
PROFESSIONAL ENGINEER
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SIX MILE ENGINEERING**
6797
**ORIGINAL SIGNED
AUGUST 22, 2024**
LARRY J. WHITE





NOTES

- (2) REMOVE AND SALVAGE ROADSIDE SIGN (DELIVER SIGN FACE TO NHD), ITEM 201.4.1.C.1
- (105) ROADSIDE TRAFFIC SIGN INSTALLATION (ONE METAL POST), ITEM 1105.4.1.E.1
- (115) RELOCATE ROADSIDE SIGN, ITEM 1105.4.1.H.1
 1. PAVEMENT MARKING DIMENSIONS SHOWN ARE FROM LIP OF GUTTER, EDGE OF PAVEMENT OR FACE OF MEDIAN/ISLAND CURB TO CENTER OF PAVEMENT MARKING.
 2. PLACE PAINT MARKINGS ON ASPHALT PAVEMENT, ITEM 1104.4.1.A.1, AND CONTRAST TAPE (3M SERIES 380 CONTRAST OR FLINT TRADING PREMARK CONTRAST) ON CONCRETE PAVEMENT, ITEM 1104.4.1.C.1.
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| Revisions: | SIGNATURES | | |
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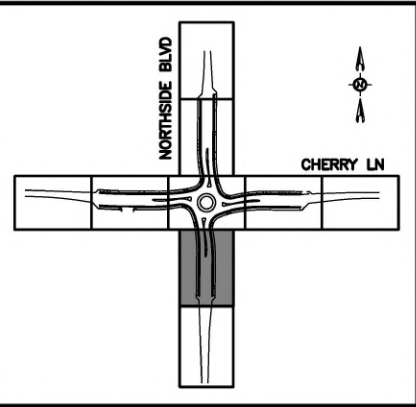
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| Design By: SIX MILE ENGINEERING, PA | Date: 08/24 | Drawn By: SIX MILE ENGINEERING, PA | Date: 08/24 |
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SHEET TITLE

SIGNING AND PAVEMENT MARKING PLAN

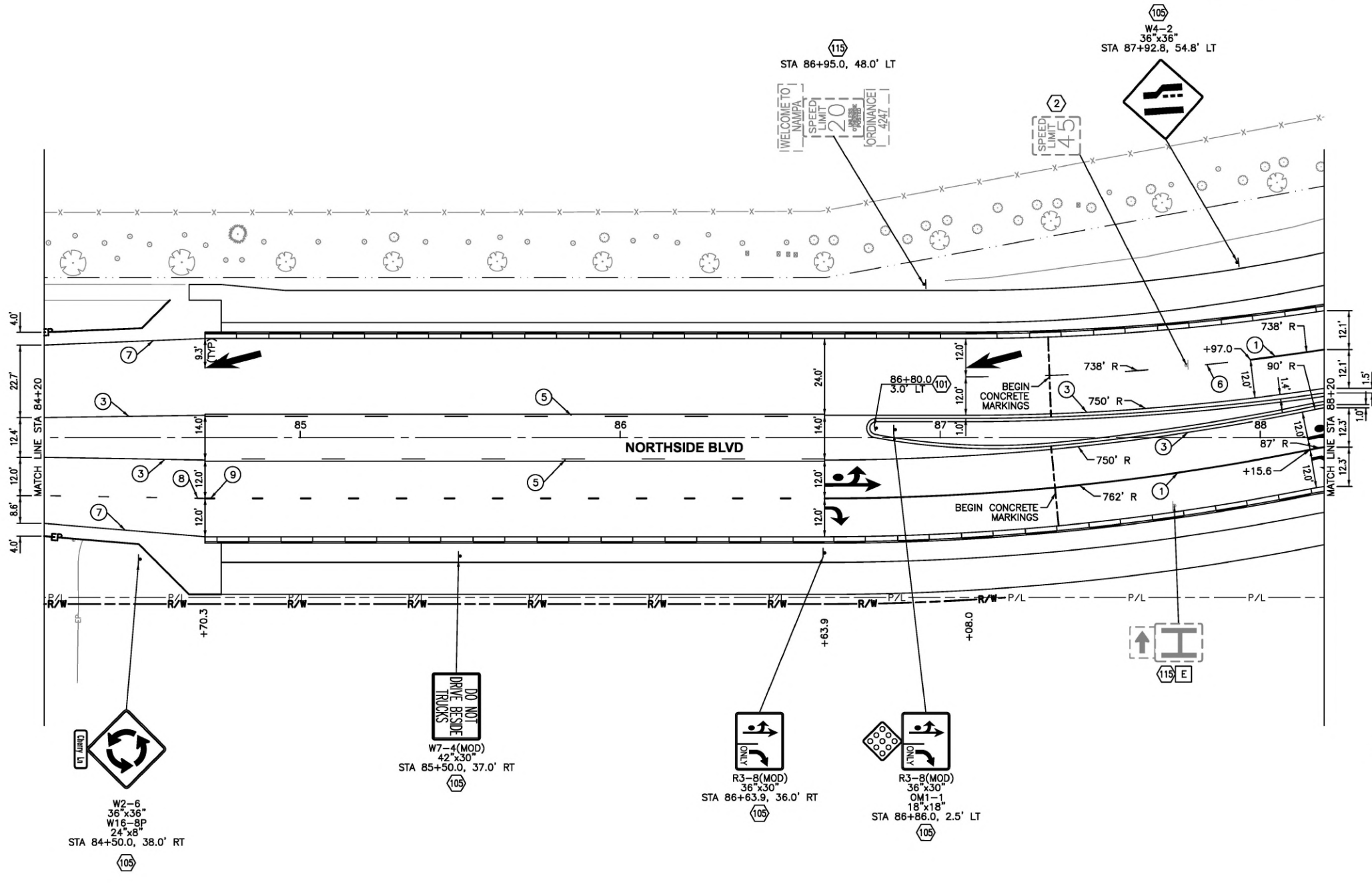
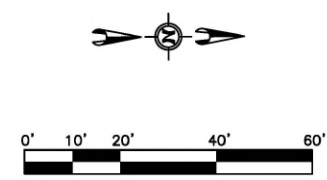
PROFESSIONAL ENGINEER
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6797
ORIGINAL SIGNED
AUGUST 22, 2024
LARRY J. WHITE





NOTES

- (2) REMOVE AND SALVAGE ROADSIDE SIGN (DELIVER SIGN FACE TO NHD), ITEM 201.4.1.C.1
 - (101) CHANNELIZER (18" YELLOW), ITEM 1105.4.1.G.1
 - (105) ROADSIDE TRAFFIC SIGN INSTALLATION (ONE METAL POST), ITEM 1105.4.1.E.1
 - (115) RELOCATE ROADSIDE SIGN, ITEM 1105.4.1.H.1
 - (E) RELOCATE ROADSIDE SIGN D9-2 ASSEMBLY FROM STA 87+73.2 RT TO STA 83+50.0 RT.
1. PAVEMENT MARKING DIMENSIONS SHOWN ARE FROM LIP OF GUTTER, EDGE OF PAVEMENT OR FACE OF MEDIAN/ISLAND CURB TO CENTER OF PAVEMENT MARKING.
 2. PLACE PAINT MARKINGS ON ASPHALT PAVEMENT, ITEM 1104.4.1.A.1, AND CONTRAST TAPE (3M SERIES 380 CONTRAST OR FLINT TRADING PREMARK CONTRAST) ON CONCRETE PAVEMENT, ITEM 1104.4.1.C.1.
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Revisions: _____

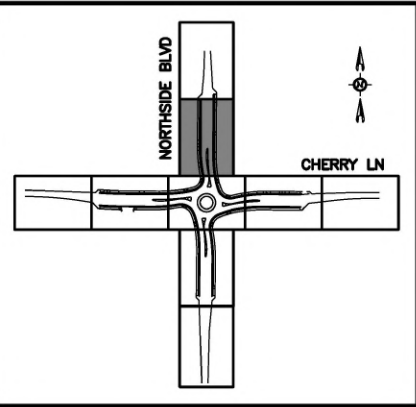
SIGNATURES

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

SHEET TITLE

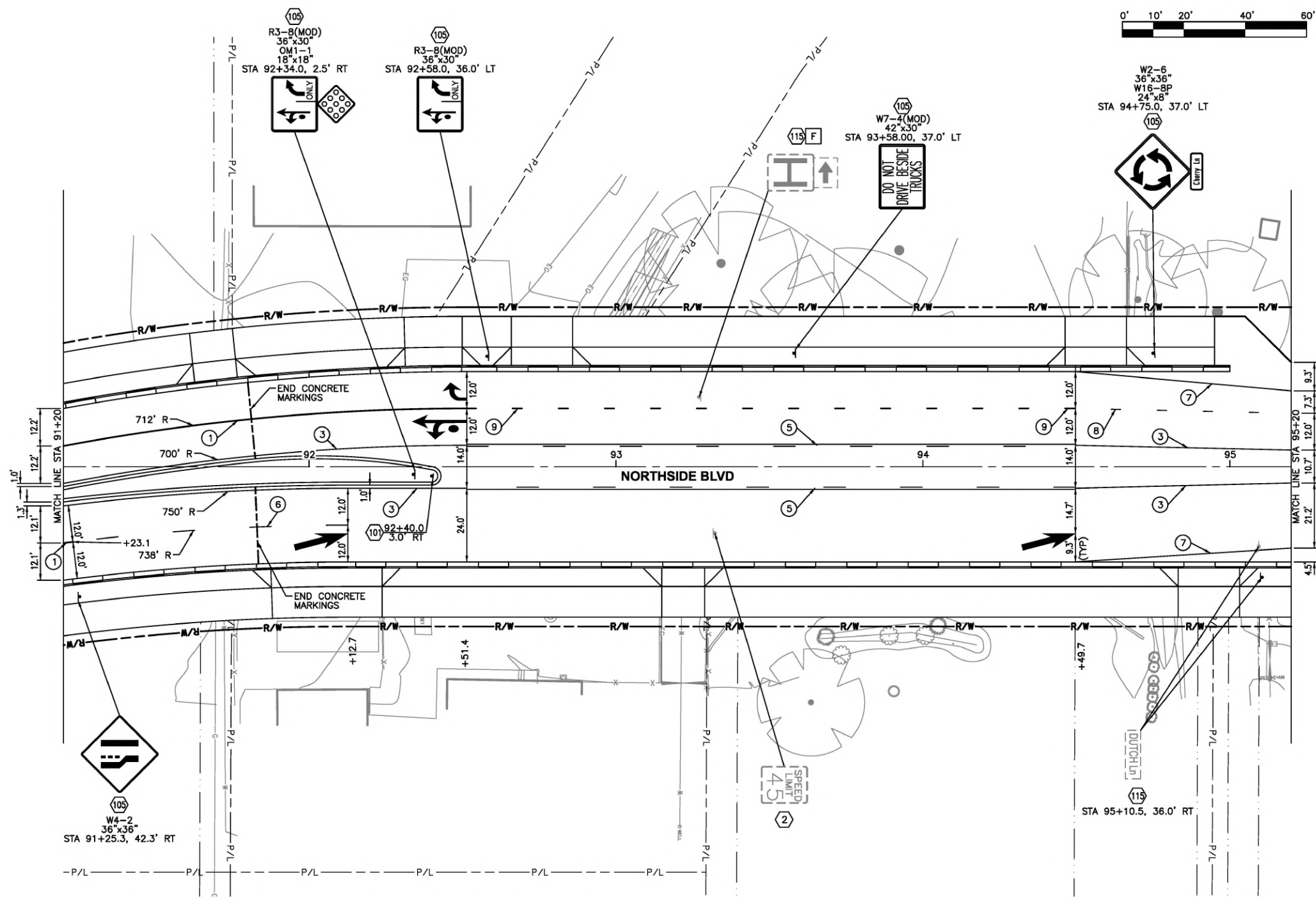
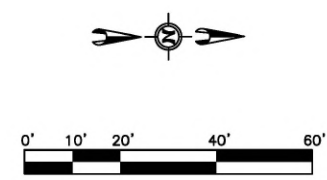
SIGNING AND PAVEMENT MARKING PLAN

PROFESSIONAL ENGINEER
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6797
ORIGINAL SIGNED
AUGUST 22, 2024
LARRY J. WHITE



NOTES

- (2) REMOVE AND SALVAGE ROADSIDE SIGN (DELIVER SIGN FACE TO NHD), ITEM 201.4.1.C.1
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 - (115) RELOCATE ROADSIDE SIGN, ITEM 1105.4.1.H.1
 - (F) RELOCATE ROADSIDE SIGN D9-2 ASSEMBLY FROM STA 93+27.1 LT TO STA 96+36.0 LT.
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Revisions: _____

• SIGNATURES •

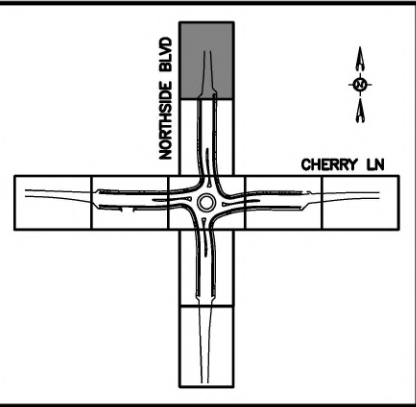
Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

• SHEET TITLE •

SIGNING AND PAVEMENT MARKING PLAN

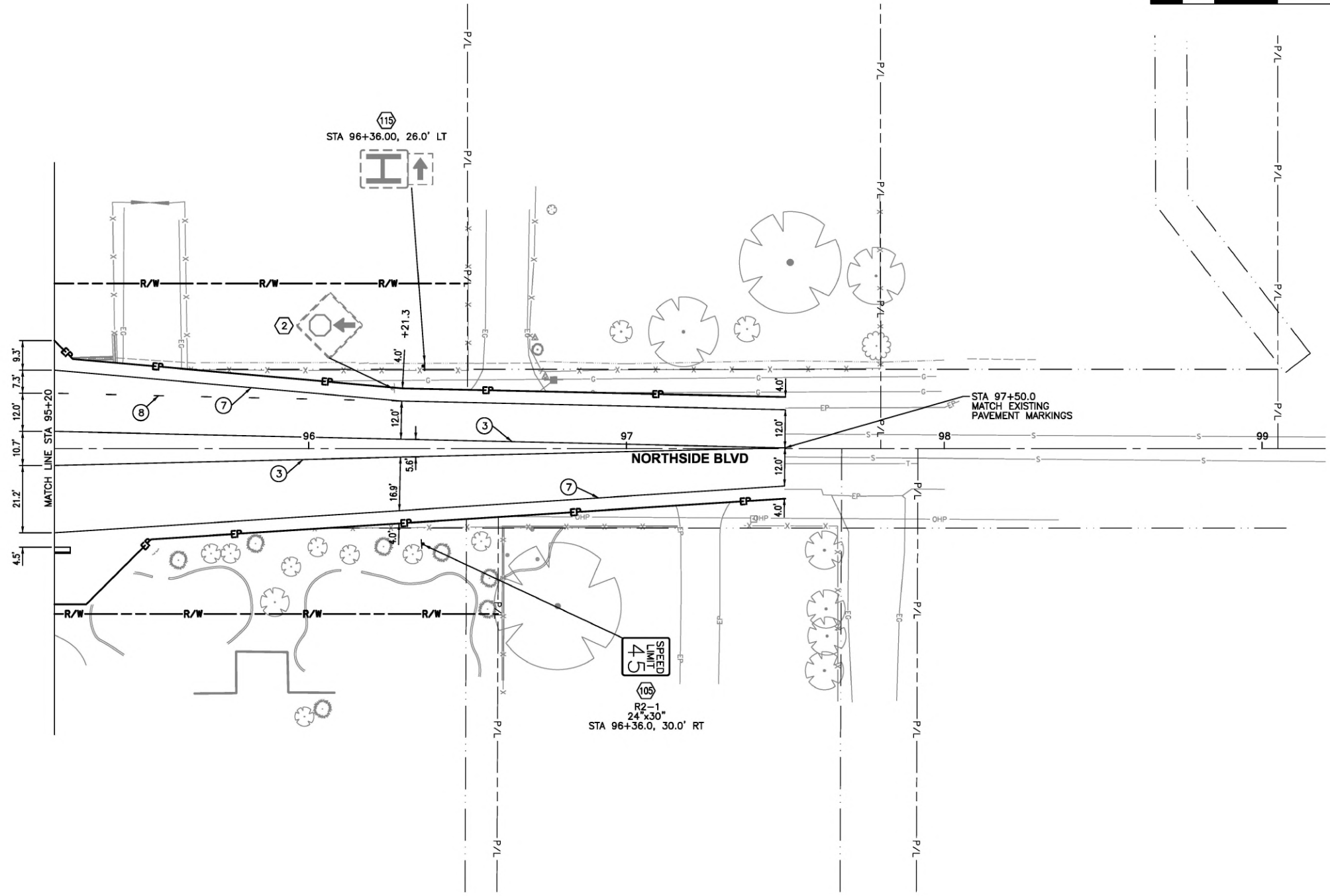
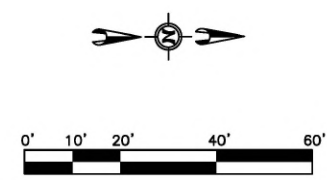
PROFESSIONAL ENGINEER
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6797
**ORIGINAL SIGNED
AUGUST 22, 2024**
LARRY J. WHITE





NOTES

- ② REMOVE AND SALVAGE ROADSIDE SIGN (DELIVER SIGN FACE TO NHD), ITEM 201.4.1.C.1
 - ⑩ ROADSIDE TRAFFIC SIGN INSTALLATION (ONE METAL POST), ITEM 1105.4.1.E.1
 - ⑪ RELOCATE ROADSIDE SIGN, ITEM 1105.4.1.H.1
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Revisions:

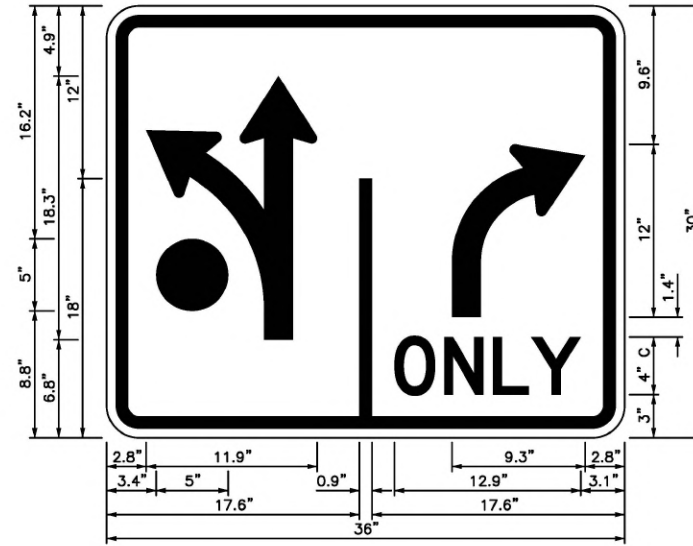
• S I G N A T U R E S •

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

• S H E E T T I T L E •

SIGNING AND PAVEMENT MARKING PLAN

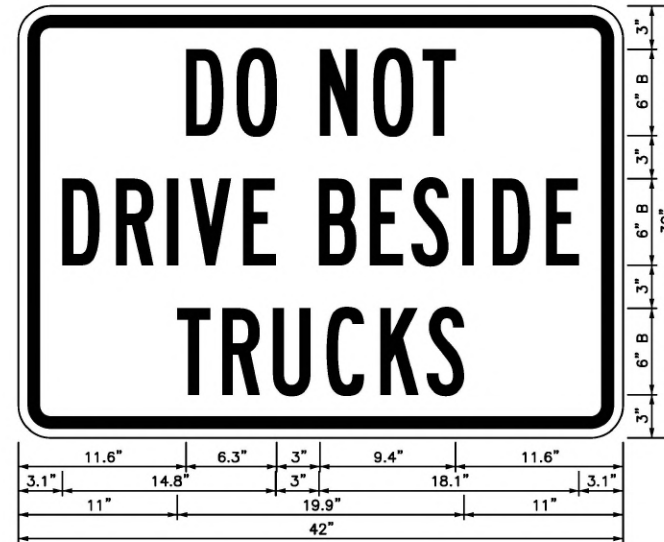




R3-8(MOD)

NOT TO SCALE

TYPE B SIGN PANEL, ROUND CORNERS WITH 2.25" RADIUS,
0.875" BORDER WITH 0.625" MARGIN,
BLACK LEGEND ON WHITE BACKGROUND



W7-4(MOD)

NOT TO SCALE

TYPE B SIGN PANEL, ROUND CORNERS WITH 2.25" RADIUS,
0.875" BORDER WITH 0.625" MARGIN,
BLACK LEGEND ON YELLOW BACKGROUND

SIX MILE Engineering



Revisions:

• SIGNATURES •

• SHEET TITLE •

SIGN DETAILS

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

TRAFFIC CONTROL SIGN LEGEND

- ① ROAD CLOSED AHEAD
W20-3
- ② DETOUR AHEAD
W20-2
- ③ DETOUR
M4-9L
- ④ DETOUR
M4-9R
- ⑤ DETOUR
M4-8
M6-3(o)
- ⑥ END DETOUR
M4-8a
- ⑦ NORTHSIDE BLVD
CHERRY LN
SUPPLEMENTAL(o)
- ⑧ BARRICADE
TYPE III
- ⑨ ROAD CLOSED
R11-2
- ⑩ ROAD CLOSED
TO THRU TRAFFIC
R11-4

⑪ (6") NORTHSIDE/CHERRY
(3") Intersection Closed from:
(3") (Date) to (Date)
(3") Construction by:
(3") (Name of Contractor)

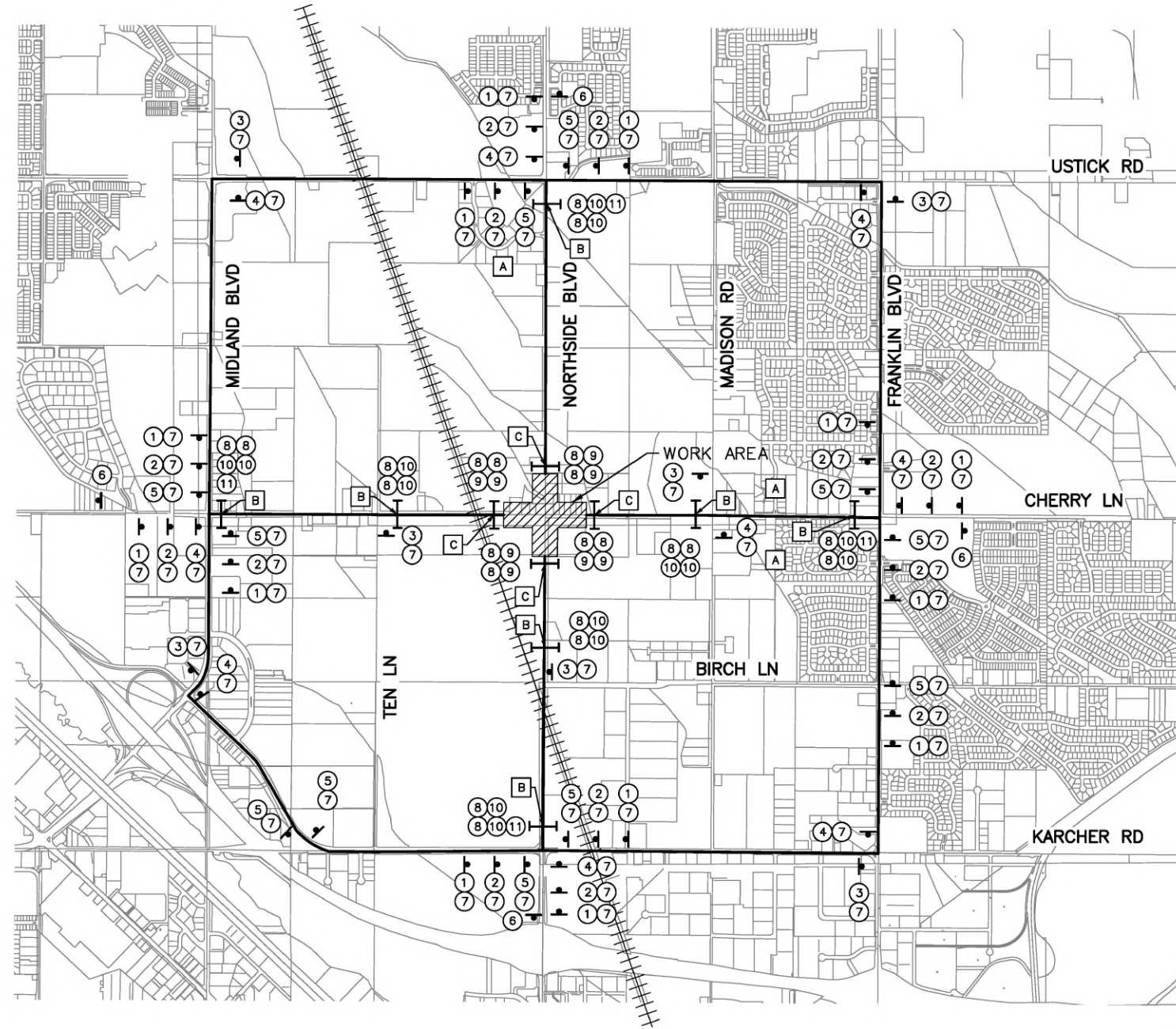
ORANGE BACKGROUND WITH BLACK LETTERS AND 1" BLACK PERIMETER LINE. SIGN SHALL BE MADE OF 3/4" BILLBOARD PLYWOOD OR TRAFFIC SIGN ALUMINUM. ATTACH TO TYPE III BARRICADE OR INSTALL WITH TWO CRASHWORTHY 4"x4" POSTS, ITEM 1103.4.1.B.1.

LEGEND

- TRAFFIC CONTROL DRUM
- ▬ SIGN
- ▬ BARRICADE TYPE III
- ▬ FLAGGER
- ▬ THRU-LANE TRAVEL DIRECTION
- ▨ CONSTRUCTION WORK AREA

NOTES

- A INSTALL SIGNS 1 AND 7 AT ALL SUBDIVISION EXITS ON NORTHSIDE BLVD AND CHERRY LN.
 - B PLACE BARRICADES TO ALLOW LOCAL TRAFFIC ACCESS.
 - C SET BARRIERS AT THE END OF EACH SHIFT, INCIDENTAL TO TRAFFIC CONTROL MAINTENANCE.
1. MAINTAIN EXISTING STOP CONTROL UNTIL THE INTERSECTION IS CLOSED OR UNTIL ROUNDABOUT SIGNING AND PAVEMENT MARKINGS ARE COMPLETE. STOP SIGNS MAY REQUIRE REMOVAL AND RESET DURING CONSTRUCTION OPERATIONS, INCIDENTAL TO THE PROJECT.
 2. SUBMIT A DETAILED TRAFFIC CONTROL PLAN FOR APPROVAL BY THE ENGINEER 14 DAYS PRIOR TO CONSTRUCTION. THE TRAFFIC CONTROL PLAN SHOWN ON THESE SHEETS IS AN EXAMPLE THAT MAY BE ACCEPTED BY THE CONTRACTOR, HOWEVER, THE CONTRACTOR IS ENCOURAGED TO DEVELOP THEIR OWN PLAN THAT CONFORMS TO THEIR METHOD OF OPERATION. THE APPROVED TRAFFIC CONTROL PLAN SHALL MEET THE LANE AND TIMING REQUIREMENTS LISTED ON THESE SHEETS.
 3. MEET ALL TAPER LENGTHS AND CONSTRUCTION TRAFFIC CONTROL SIGNS AND DEVICES, ACCORDING TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AS ADOPTED BY THE STATE.
 4. SPACE SIGNS 500' APART FOR RURAL ROADWAYS, AND 350' APART FOR URBAN ROADWAYS.
 5. DISTANCES BETWEEN SIGNS ARE MINIMUMS. SOME ADJUSTMENTS MAY BE NECESSARY IN THE FIELD DEPENDING ON CONDITIONS ENCOUNTERED.
 6. EQUIP FLAGGERS WITH TWO-WAY RADIOS CAPABLE OF TRANSMITTING A DISTANCE OF TWO MILES AND BATTERIES TO LAST THROUGH EACH DAY OF OPERATION.
 7. POST-MOUNT ALL SIGNS UNLESS OTHERWISE APPROVED. SIGNS 48"x48" OR LARGER REQUIRE TWO POSTS.
 8. COMPLETELY COVER OR REMOVE FROM THE ROADWAY CONSTRUCTION SIGNING THAT IS NOT IN USE. DO NOT COVER SIGNS WITH PLASTIC MATERIAL INCIDENTAL TO THE PROJECT.
 9. COMPLETELY OBLITERATE ALL PAVEMENT MARKINGS THAT CONFLICT WITH THE PROPOSED TRAFFIC CONTROL SETUPS, INCIDENTAL TO ITEM 1104.4.1.A.1
 10. KEEP ALL SIDE ROADS AND DRIVEWAYS OPEN AND ACCESSIBLE DURING CONSTRUCTION.
 11. ADDITIONAL SIGNING MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
 12. MEET THE RETRO REFLECTIVITY REQUIREMENTS OF THE MUTCD FOR ALL SIGNS AND CHANNELIZING DEVICES.
 13. PLACE ALL PAINTED PAVEMENT MARKINGS ON THE FINAL PLANT MIX IN THEIR FINAL LOCATIONS AS SHOWN ON THE SIGNING AND PAVEMENT MARKING SHEETS. NO PAINT WILL BE ALLOWED ON THE FINAL PAVEMENT SURFACE OTHERWISE.
 14. SUPPLY FOUR OWNER INFORMATION SIGNS (SEE ISPMC SD-2010B). COORDINATE SIGN INFORMATION AND SIGN LOCATIONS WITH NHD. PAYMENT FOR OWNER INFORMATION SIGNS IS INCIDENTAL TO ITEM 2010.4.1.A.1.
 15. NIGHT WORK FOR CONCRETE PAVING PERMITTED WITH PRIOR WRITTEN APPROVAL.



DETOUR ROUTE SIGNING

NOT TO SCALE

Revisions:

SIGNATURES

Design By: SIX MILE ENGINEERING, PA Date: 08/24 Drawn By: SIX MILE ENGINEERING, PA Date: 08/24

TEMPORARY TRAFFIC CONTROL PLAN

Six Mile Engineering

