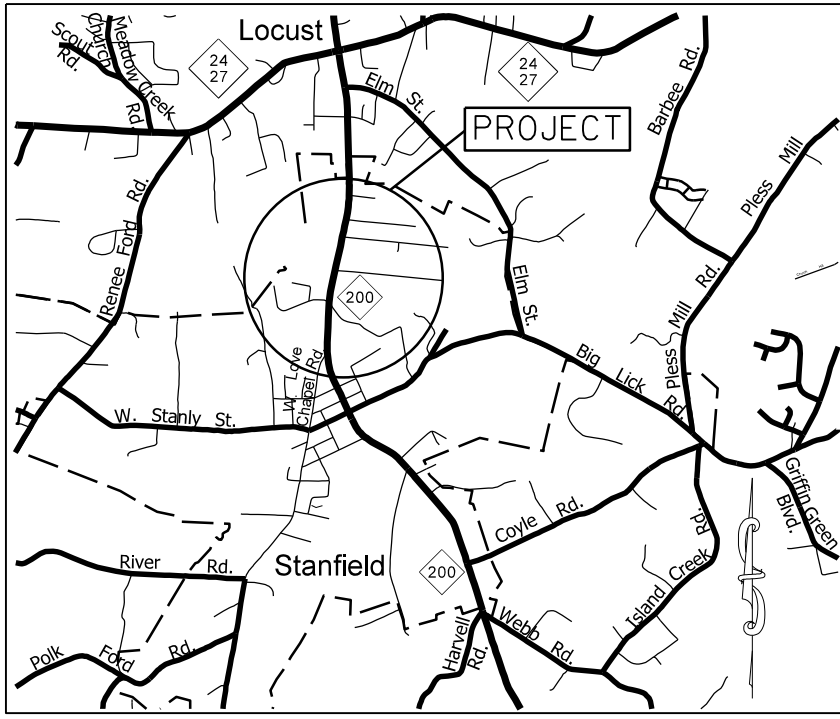


PROJECT: 47313.3.1 TIP: EB-5857



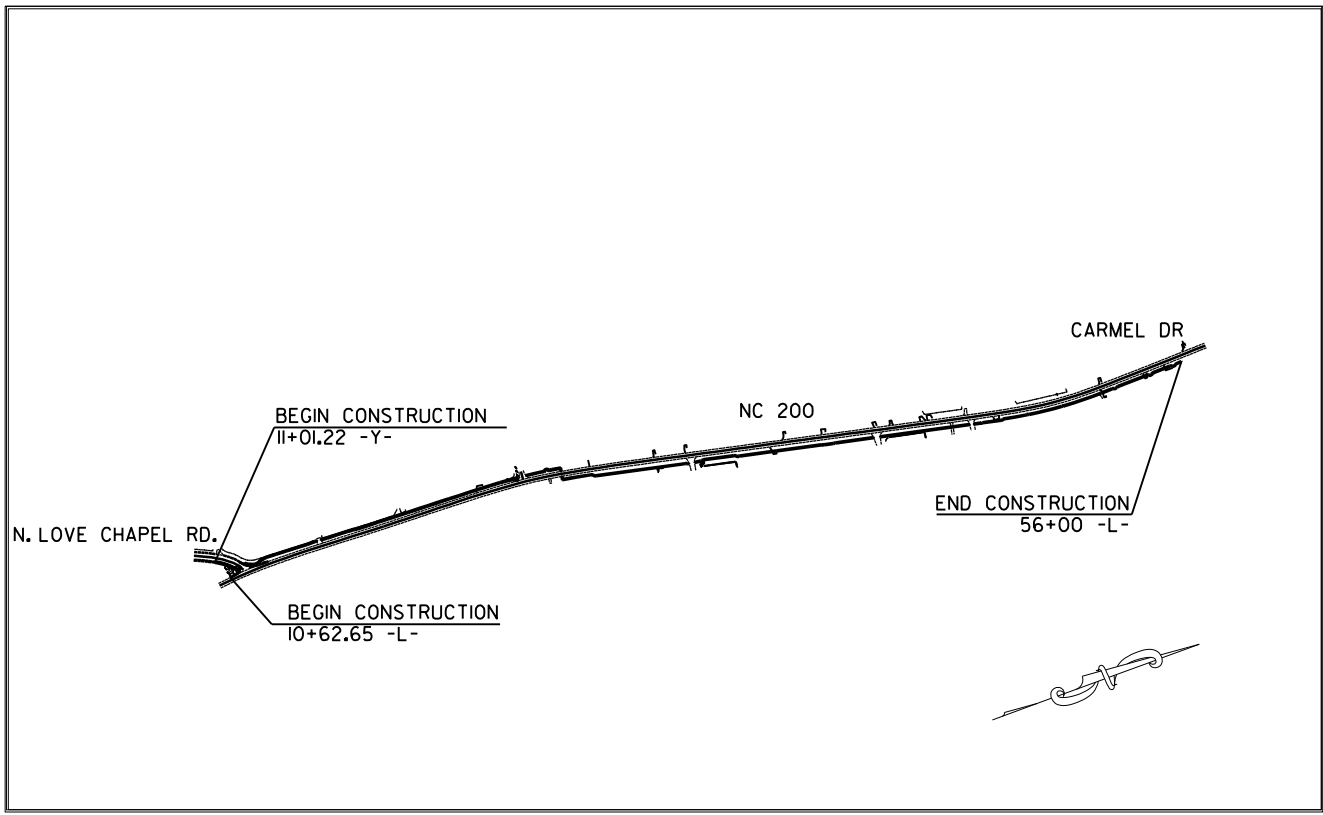
VICINITY MAP NOT TO SCALE

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
STANLY COUNTY

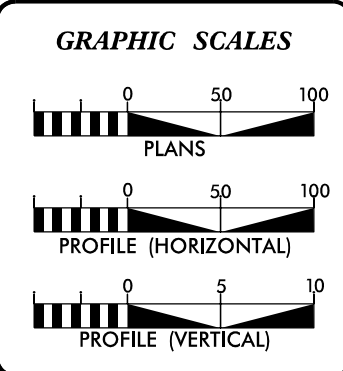
LOCATION: NC 200 FROM N. LOVE CHAPEL RD. TO CARMEL DR. IN STANFIELD

TYPE OF WORK: GRADING, DRAINAGE, CONCRETE CURB AND GUTTER, CONCRETE SIDEWALK, PAVEMENT MARKINGS AND RRFB CROSSING.

| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------------------|-------------|--------------|
| N.C. | 47313.3.1 | 1 | |
| STATE PROJ. NO. | P.A. PROJ. NO. | DESCRIPTION | |
| 47313.1.1 | 0200413 | P.E. | |
| 47313.2.1 | 0200413 | RW | |
| 47313.3.1 | 0200413 | CONST. | |
| | | | |
| | | | |
| | | | |



CLEARING ON THIS PROJECT SHALL BE TO THE LIMITS ESTABLISHED BY METHOD III AS DESCRIBED IN THE NCDOT STANDARD DRAWINGS



DESIGN DATA

| | | |
|-----|---|-----|
| ADT | = | |
| ADT | = | |
| DHV | = | % |
| D | = | % |
| T | = | % |
| V | = | MPH |

PROJECT LENGTH

| | | | | |
|-------------------------------|-----------|---|------|-------|
| LENGTH OF ROADWAY PROJECT | 47313.3.1 | = | 0.89 | MILES |
| TOTAL LENGTH OF STATE PROJECT | 47313.3.1 | = | 0.89 | MILES |

Prepared in the Office of:
DIVISION OF HIGHWAYS
DIVISION TEN
DIVISION DESIGN / CONSTRUCT UNIT

2024 STANDARD SPECIFICATIONS

| | |
|------------------------------------------------------|-----------------------------------------------------------------|
| RIGHT OF WAY DATE: <u>JANUARY 15, 2025</u> | VITALIY CHEPEL <small>PROJECT ENGINEER</small> |
| LETTING DATE: <u>SEPTEMBER 17, 2025</u> | DONALD HARWARD <small>PROJECT DESIGN ENGINEER</small> |



DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

DocuSigned by
Travis Preslar
A53C1AC7A1FF47B... 08/19/2025

APPROVED BY
DIVISION PROJECT TEAM LEAD DATE

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS CONVENTIONAL PLAN SHEET SYMBOLS

Note: Not to Scale

BOUNDARIES AND PROPERTY:

| | |
|---------------------------------------|---------|
| State Line | ----- |
| County Line | ----- |
| Township Line | ----- |
| City Line | ----- |
| Reservation Line | ----- |
| Property Line | ----- |
| Existing Iron Pin (EIP) | ○ |
| Computed Property Corner | X |
| Existing Concrete Monument (ECM) | □ |
| Parcel/Sequence Number | 123 |
| Existing Fence Line | -x-x-x- |
| Proposed Woven Wire Fence | ○ |
| Proposed Chain Link Fence | □ |
| Proposed Barbed Wire Fence | ◇ |
| Existing Wetland Boundary | ----- |
| Proposed Wetland Boundary | ----- |
| Existing Endangered Animal Boundary | ----- |
| Existing Endangered Plant Boundary | ----- |
| Existing Historic Property Boundary | ----- |
| Known Contamination Area: Soil | ----- |
| Potential Contamination Area: Soil | ----- |
| Known Contamination Area: Water | ----- |
| Potential Contamination Area: Water | ----- |
| Contaminated Site: Known or Potential | ☠ ? |

BUILDINGS AND OTHER CULTURE:

| | |
|-------------------------------|-------|
| Gas Pump Vent or U/G Tank Cap | ○ |
| Sign | ○ |
| Well | ○ |
| Small Mine | ✕ |
| Foundation | □ |
| Area Outline | □ |
| Cemetery | + |
| Building | □ |
| School | □ |
| Church | □ |
| Dam | ----- |

HYDROLOGY:

| | |
|------------------------------------|-------|
| Stream or Body of Water | ----- |
| Hydro, Pool or Reservoir | ----- |
| Jurisdictional Stream | ----- |
| Buffer Zone 1 | ----- |
| Buffer Zone 2 | ----- |
| Flow Arrow | ← |
| Disappearing Stream | ----- |
| Spring | ○ |
| Wetland | ----- |
| Proposed Lateral, Tail, Head Ditch | ----- |
| False Sump | ----- |

RAILROADS:

| | |
|--------------------|-------|
| Standard Gauge | ----- |
| RR Signal Milepost | ○ |
| Switch | □ |
| RR Abandoned | ----- |
| RR Dismantled | ----- |

RIGHT OF WAY & PROJECT CONTROL:

| | |
|------------------------------------------------------|-------|
| Primary Horiz Control Point | ○ |
| Primary Horiz and Vert Control Point | ● |
| Secondary Horiz and Vert Control Point | ◆ |
| Vertical Benchmark | ⊕ |
| Existing Right of Way Monument | △ |
| Proposed Right of Way Monument (Rebar and Cap) | ▲ |
| Proposed Right of Way Monument (Concrete) | ⊙ |
| Existing Permanent Easement Monument | ◇ |
| Proposed Permanent Easement Monument (Rebar and Cap) | ◆ |
| Proposed C/A Monument (Rebar and Cap) | ▲ |
| Proposed C/A Monument (Concrete) | ⊙ |
| Existing Right of Way Line | ----- |
| Proposed Right of Way Line | ----- |
| Existing Control of Access Line | ----- |
| Proposed Control of Access Line | ----- |
| Proposed ROW and CA Line | ----- |
| Existing Easement Line | ----- |
| Proposed Temporary Construction Easement | ----- |
| Proposed Temporary Drainage Easement | ----- |
| Proposed Permanent Drainage Easement | ----- |
| Proposed Permanent Drainage/Utility Easement | ----- |
| Proposed Permanent Utility Easement | ----- |
| Proposed Temporary Utility Easement | ----- |
| Proposed Aerial Utility Easement | ----- |

ROADS AND RELATED FEATURES:

| | |
|----------------------------|-------|
| Existing Edge of Pavement | ----- |
| Existing Curb | ----- |
| Proposed Slope Stakes Cut | ----- |
| Proposed Slope Stakes Fill | ----- |
| Proposed Curb Ramp | ----- |
| Existing Metal Guardrail | ----- |
| Proposed Guardrail | ----- |
| Existing Cable Guiderail | ----- |
| Proposed Cable Guiderail | ----- |
| Equality Symbol | ⊕ |
| Pavement Removal | ----- |
| VEGETATION: | |
| Single Tree | ○ |
| Single Shrub | ○ |
| Hedge | ----- |

| | |
|------------|-------|
| Woods Line | ----- |
| Orchard | ----- |
| Vineyard | ----- |

EXISTING STRUCTURES:

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

UTILITIES:

* SUE - Subsurface Utility Engineering
LOS - Level of Service - A,B,C or D (Accuracy)

| | |
|-----------------------------------------|-------|
| POWER: | |
| Existing Power Pole | ● |
| Proposed Power Pole | ○ |
| Existing Joint Use Pole | ● |
| Proposed Joint Use Pole | ○ |
| Power Manhole | ⊕ |
| Power Line Tower | ⊠ |
| Power Transformer | ⊠ |
| U/G Power Cable Hand Hole | ⊠ |
| H-Frame Pole | ● |
| U/G Power Line Test Hole (SUE - LOS A)* | ⊕ |
| U/G Power Line (SUE - LOS B)* | ----- |
| U/G Power Line (SUE - LOS C)* | ----- |
| U/G Power Line (SUE - LOS D)* | ----- |
| TELEPHONE: | |
| Existing Telephone Pole | ● |
| Proposed Telephone Pole | ○ |
| Telephone Manhole | ⊕ |
| Telephone Pedestal | ⊠ |
| Telephone Cell Tower | ⊠ |
| U/G Telephone Cable Hand Hole | ⊠ |
| U/G Telephone Test Hole (SUE - LOS A)* | ⊕ |
| U/G Telephone Cable (SUE - LOS B)* | ----- |
| U/G Telephone Cable (SUE - LOS C)* | ----- |
| U/G Telephone Cable (SUE - LOS D)* | ----- |
| U/G Telephone Conduit (SUE - LOS B)* | ----- |
| U/G Telephone Conduit (SUE - LOS C)* | ----- |
| U/G Telephone Conduit (SUE - LOS D)* | ----- |
| U/G Fiber Optics Cable (SUE - LOS B)* | ----- |
| U/G Fiber Optics Cable (SUE - LOS C)* | ----- |
| U/G Fiber Optics Cable (SUE - LOS D)* | ----- |

WATER:

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

TV:

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

GAS:

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

SANITARY SEWER:

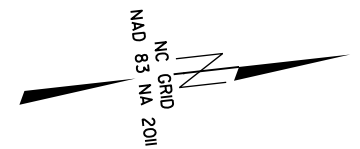
| | |
|---------------------------------------------|-------|
| Sanitary Sewer Manhole | ⊕ |
| Sanitary Sewer Cleanout | ⊕ |
| U/G Sanitary Sewer Line | ----- |
| Above Ground Sanitary Sewer | ----- |
| SS Force Main Line Test Hole (SUE - LOS A)* | ⊕ |
| SS Force Main Line (SUE - LOS B)* | ----- |
|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

MISCELLANEOUS:

| | |
|-----------------------------------------|--------|
| Utility Pole | ● |
| Utility Pole with Base | □ |
| Utility Located Object | ○ |
| Utility Traffic Signal Box | ⊠ |
| Utility Unknown U/G Line (SUE - LOS B)* | ----- |
| U/G Tank; Water, Gas, Oil | □ |
| Underground Storage Tank, Approx. Loc. | ⊠ |
| A/G Tank; Water, Gas, Oil | □ |
| Geoenvironmental Boring | ⊕ |
| Abandoned According to Utility Records | AATUR |
| End of Information | E.O.I. |

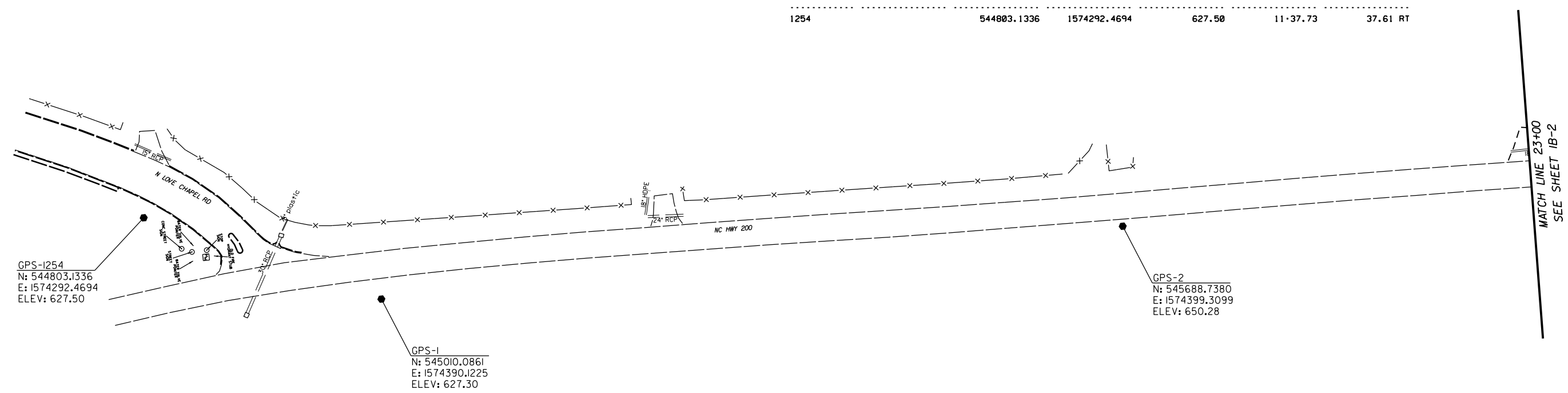
SURVEY CONTROL SHEET

| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3J | IB-1 |
| F.A. PROJECT NO. | 0200413 |



| BL | POINT | DESC. | NORTH | EAST | ELEVATION | L STATION | OFFSET |
|----|-------|-------|-------------|--------------|-----------|-----------|----------|
| | 1254 | | 544803.1336 | 1574292.4694 | 627.50 | 10+47.25 | 77.56 LT |
| | 1 | | 545010.0861 | 1574390.1225 | 627.30 | 12+45.81 | 32.49 RT |
| | 2 | | 545688.7380 | 1574399.3099 | 650.28 | 19+25.90 | 19.26 RT |
| | 3 | | 546583.5879 | 1574430.2060 | 649.31 | 28+19.42 | 25.29 LT |
| | 4 | | 547562.0059 | 1574698.9210 | 658.14 | 38+32.43 | 28.52 RT |
| | 5 | | 548663.1153 | 1574920.2290 | 686.18 | 49+53.96 | 18.37 RT |

| BL | POINT | DESC. | NORTH | EAST | ELEVATION | Y STATION | OFFSET |
|----|-------|-------|-------------|--------------|-----------|-----------|----------|
| | 1254 | | 544803.1336 | 1574292.4694 | 627.50 | 11+37.73 | 37.61 RT |



GPS-1254
 N: 544803.1336
 E: 1574292.4694
 ELEV: 627.50

GPS-I
 N: 545010.0861
 E: 1574390.1225
 ELEV: 627.30

GPS-2
 N: 545688.7380
 E: 1574399.3099
 ELEV: 650.28

NOTES:

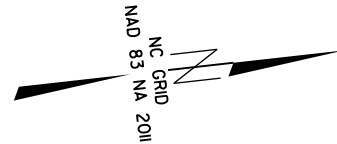
1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED BY THE DIVISION IO DDC UNIT. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE DIVISION IO DDC UNIT.

SIDEWALK ALONG NC 200 FROM
 N. LOVE CHAPEL RD. TO
 CARMEL DR.

| | | | |
|-----------|--------|--|-----------|
| SCALE | 1"=50' | | REVISIONS |
| DATE | 7-2025 | | |
| DWG. BY | JCB | | |
| DESIGN BY | VSC | | |
| APPROVED | JDH | | |

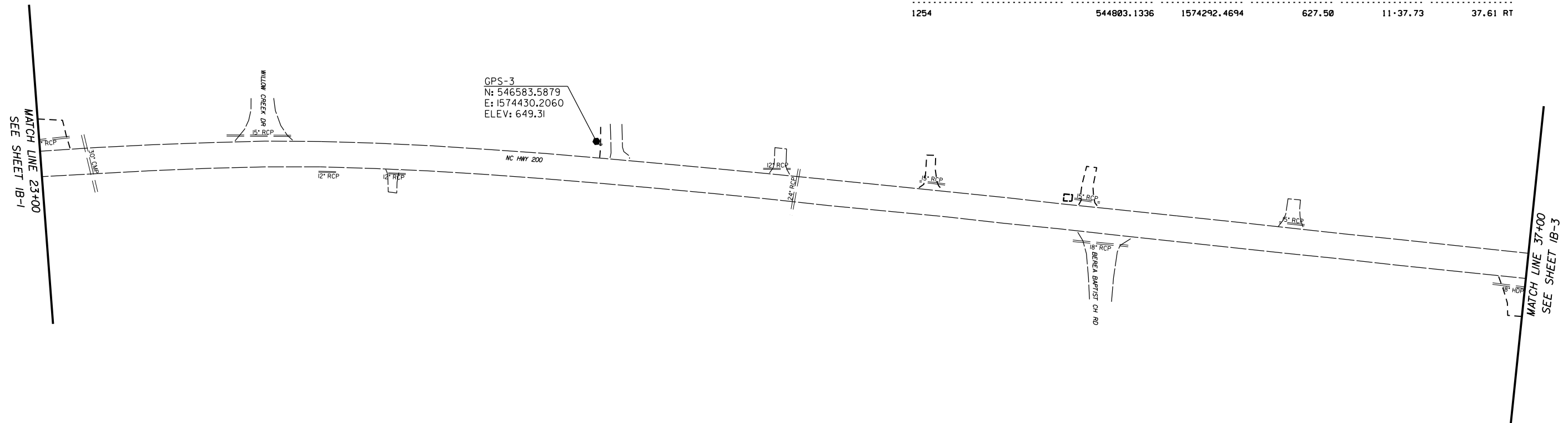
SURVEY CONTROL SHEET

| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3.I | IB-2 |
| F.A. PROJECT NO. | 0200413 |



| BL | POINT | DESC. | NORTH | EAST | ELEVATION | L STATION | OFFSET |
|------|-------|-------|-------------|--------------|-----------|-----------|----------|
| 1254 | | | 544803.1336 | 1574292.4694 | 627.50 | 10+47.25 | 77.56 LT |
| 1 | | | 545010.0861 | 1574390.1225 | 627.30 | 12+45.81 | 32.49 RT |
| 2 | | | 545688.7380 | 1574399.3099 | 650.28 | 19+25.90 | 19.26 RT |
| 3 | | | 546583.5879 | 1574430.2060 | 649.31 | 28+19.42 | 25.29 LT |
| 4 | | | 547562.0059 | 1574698.9210 | 658.14 | 38+32.43 | 28.52 RT |
| 5 | | | 548663.1153 | 1574920.2290 | 686.18 | 49+53.96 | 18.37 RT |

| BL | POINT | DESC. | NORTH | EAST | ELEVATION | Y STATION | OFFSET |
|------|-------|-------|-------------|--------------|-----------|-----------|----------|
| 1254 | | | 544803.1336 | 1574292.4694 | 627.50 | 11+37.73 | 37.61 RT |



NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED BY THE DIVISION IO DDC UNIT. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE DIVISION IO DDC UNIT.

SIDEWALK ALONG NC 200 FROM
N. LOVE CHAPEL RD. TO
CARMEL DR.

| | |
|-----------|--------|
| SCALE | 1"=50' |
| DATE | 7-2025 |
| DWG. BY | JCB |
| DESIGN BY | VSC |
| APPROVED | JDH |



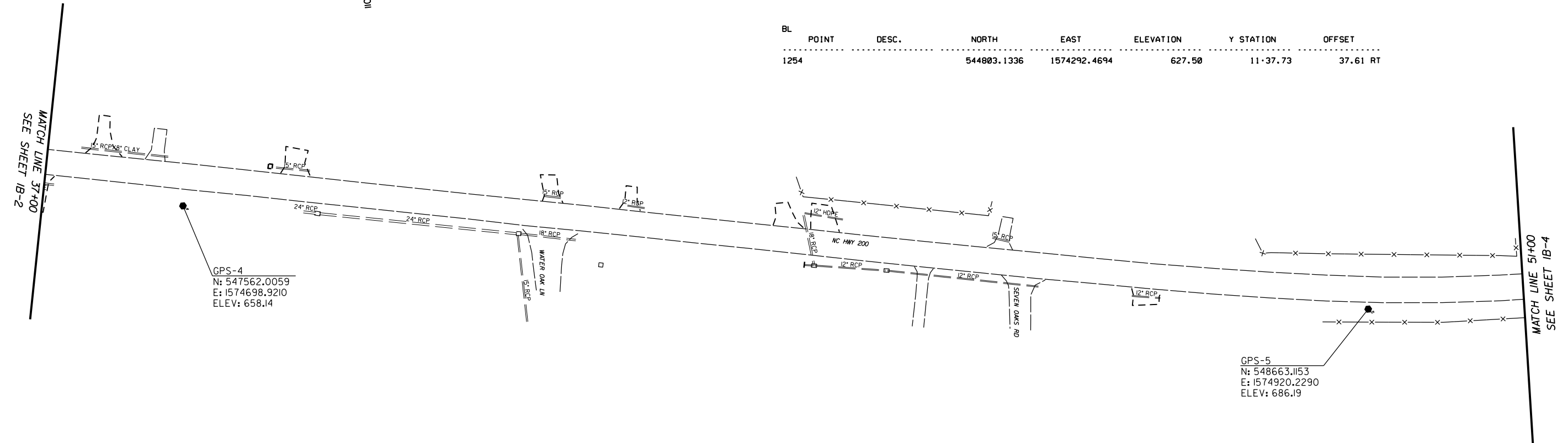
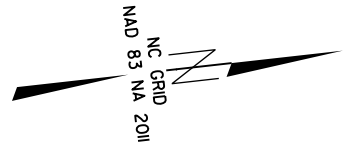
| REVISIONS | |
|-----------|--|
| | |
| | |
| | |

SURVEY CONTROL SHEET

| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3.I | IB-3 |
| F.A. PROJECT NO. | 0200413 |

| BL | POINT | DESC. | NORTH | EAST | ELEVATION | L STATION | OFFSET |
|------|-------|-------|-------------|--------------|-----------|-----------|----------|
| 1254 | | | 544803.1336 | 1574292.4694 | 627.50 | 10+47.25 | 77.56 LT |
| 1 | | | 545010.0861 | 1574390.1225 | 627.30 | 12+45.81 | 32.49 RT |
| 2 | | | 545688.7380 | 1574399.3899 | 650.28 | 19+25.90 | 19.26 RT |
| 3 | | | 546583.5879 | 1574430.2060 | 649.31 | 28+19.42 | 25.29 LT |
| 4 | | | 547562.0059 | 1574698.9210 | 658.14 | 38+32.43 | 28.52 RT |
| 5 | | | 548663.1153 | 1574920.2290 | 686.18 | 49+53.96 | 18.37 RT |

| BL | POINT | DESC. | NORTH | EAST | ELEVATION | Y STATION | OFFSET |
|------|-------|-------|-------------|--------------|-----------|-----------|----------|
| 1254 | | | 544803.1336 | 1574292.4694 | 627.50 | 11+37.73 | 37.61 RT |



GPS-4
 N: 547562.0059
 E: 1574698.9210
 ELEV: 658.14

GPS-5
 N: 548663.1153
 E: 1574920.2290
 ELEV: 686.19

NOTES:

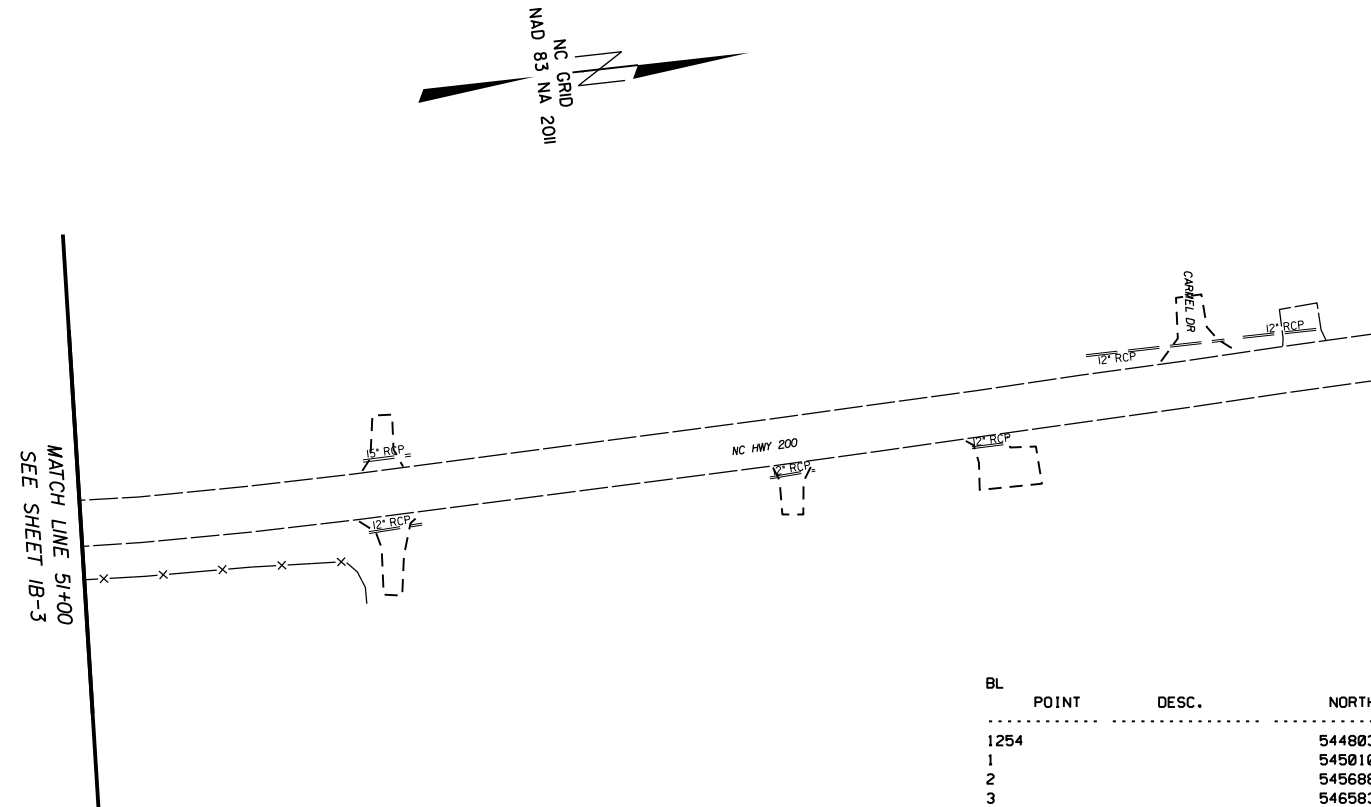
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED BY THE DIVISION IO DDC UNIT. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE DIVISION IO DDC UNIT.

SIDEWALK ALONG NC 200 FROM
 N.LOVE CHAPEL RD.TO
 CARMEL DR.

| | | | |
|-----------|--------|--|-----------|
| SCALE | 1"=50' | | REVISIONS |
| DATE | 7-2025 | | |
| DWG. BY | JCB | | |
| DESIGN BY | VSC | | |
| APPROVED | JDH | | |

SURVEY CONTROL SHEET

| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3.I | IB-4 |
| F.A. PROJECT NO. | 0200413 |



| BL | POINT | DESC. | NORTH | EAST | ELEVATION | L STATION | OFFSET |
|----|-------|-------|-------------|--------------|-----------|-----------|----------|
| | 1254 | | 544803.1336 | 1574292.4694 | 627.50 | 10+47.25 | 77.56 LT |
| | 1 | | 545010.0861 | 1574390.1225 | 627.30 | 12+45.81 | 32.49 RT |
| | 2 | | 545688.7380 | 1574399.3099 | 650.28 | 19+25.90 | 19.26 RT |
| | 3 | | 546583.5879 | 1574430.2060 | 649.31 | 28+19.42 | 25.29 LT |
| | 4 | | 547562.0059 | 1574698.9210 | 658.14 | 38+32.43 | 28.52 RT |
| | 5 | | 548663.1153 | 1574920.2290 | 686.18 | 49+53.96 | 18.37 RT |

| BL | POINT | DESC. | NORTH | EAST | ELEVATION | Y STATION | OFFSET |
|----|-------|-------|-------------|--------------|-----------|-----------|----------|
| | 1254 | | 544803.1336 | 1574292.4694 | 627.50 | 11+37.73 | 37.61 RT |

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED BY THE DIVISION IO DDC UNIT. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE DIVISION IO DDC UNIT.

SIDEWALK ALONG NC 200 FROM
N.LOVE CHAPEL RD.TO
CARMEL DR.

| | |
|-----------|--------|
| SCALE | 1"=50' |
| DATE | 7-2025 |
| DWG. BY | JCB |
| DESIGN BY | VSC |
| APPROVED | JDH |



| REVISIONS | |
|-----------|--|
| | |
| | |
| | |

RIGHT OF WAY, EASEMENT AND PROPOSED ALIGNMENT SHEET

| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3J | IC |
| F.A. PROJECT NO. | 0200413 |

| L | | | |
|------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 10+00.00 | 544764.6902 | 1574374.9823 |
| PC | 10+35.65 | 544800.1062 | 1574370.8702 |
| PT | 13+39.24 | 545103.1607 | 1574358.8337 |
| PC | 23+17.05 | 546000.3288 | 1574394.2223 |
| PT | 28+44.77 | 546603.1887 | 1574460.2641 |
| PC | 47+68.59 | 548482.6851 | 1574870.8708 |
| PT | 52+44.52 | 548955.2973 | 1574916.4319 |
| POT | 57+82.52 | 549493.1569 | 1574904.1259 |

| Y | | | |
|------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 10+00.00 | 544699.9927 | 1574201.8536 |
| PC | 11+04.67 | 544795.2815 | 1574245.1601 |
| PT | 12+66.75 | 544901.4906 | 1574361.7065 |

| Y1 | | | |
|------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 10+00.00 | 547047.4856 | 1574557.3280 |
| POT | 10+99.46 | 547033.6366 | 1574655.8230 |

| Y2 | | | |
|------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 10+00.00 | 547902.5121 | 1574744.1225 |
| POT | 10+98.44 | 547892.9288 | 1574842.0970 |

| Y3 | | | |
|------|----------|-------------|--------------|
| TYPE | STATION | NORTH | EAST |
| POT | 10+00.00 | 548340.3955 | 1574839.7853 |
| POT | 10+88.39 | 548333.0042 | 1574927.8609 |

| ROW MARKER IRON PIN AND CAP | | | | |
|-----------------------------|----------|--------|-------------|--------------|
| ALIGN | STATION | OFFSET | NORTH | EAST |
| L | 11+87.85 | -39.00 | 544950.2707 | 1574320.1176 |
| L | 13+39.24 | -34.00 | 545104.3912 | 1574324.8559 |
| L | 15+25.00 | -34.00 | 545290.0308 | 1574331.5790 |
| L | 15+50.00 | -33.00 | 545314.9782 | 1574333.4831 |
| L | 16+80.00 | -32.00 | 545444.8569 | 1574339.1874 |
| L | 16+95.00 | -30.00 | 545459.7746 | 1574341.7290 |
| L | 26+05.00 | -30.00 | 546371.1301 | 1574388.9288 |
| L | 26+05.00 | -38.00 | 546372.1974 | 1574381.0003 |
| L | 26+42.00 | -30.00 | 546408.1400 | 1574394.1474 |
| L | 26+42.00 | -38.00 | 546409.3067 | 1574386.2329 |
| L | 26+86.00 | 32.00 | 546442.1101 | 1574462.1529 |
| L | 26+86.00 | 30.00 | 546442.4321 | 1574460.1790 |
| L | 28+21.00 | 32.00 | 546573.3733 | 1574486.6021 |
| L | 28+44.77 | 40.00 | 546594.6514 | 1574499.3424 |
| L | 32+72.48 | 40.00 | 547012.5000 | 1574590.6300 |
| L | 33+32.65 | 40.00 | 547071.2925 | 1574603.4724 |
| L | 33+50.00 | 39.00 | 547088.4581 | 1574606.1989 |
| L | 33+63.00 | 33.50 | 547102.3324 | 1574603.6003 |
| L | 35+00.00 | 40.00 | 547234.7884 | 1574639.1908 |
| L | 35+00.00 | 33.50 | 547236.1757 | 1574632.8405 |
| L | 35+50.00 | 40.00 | 547283.6362 | 1574649.8624 |
| L | 35+50.00 | 38.50 | 547283.9564 | 1574648.3970 |
| L | 39+18.00 | 38.50 | 547643.4769 | 1574726.9401 |
| L | 39+23.00 | 40.00 | 547648.0415 | 1574729.4727 |
| L | 39+75.00 | 40.00 | 547698.8433 | 1574740.5712 |
| L | 39+83.00 | 38.50 | 547706.9791 | 1574740.8132 |
| L | 41+54.11 | 38.50 | 547874.1443 | 1574777.3332 |
| L | 42+04.46 | 38.50 | 547923.3319 | 1574788.0790 |
| L | 46+07.86 | 38.50 | 548317.4390 | 1574874.1781 |
| L | 46+68.38 | 38.50 | 548376.5659 | 1574887.0954 |
| L | 47+68.59 | 38.50 | 548474.4679 | 1574908.4837 |
| L | 47+85.00 | 33.00 | 548491.9521 | 1574906.6036 |
| L | 52+44.52 | 33.00 | 548956.0521 | 1574949.4232 |
| L | 53+00.00 | 38.00 | 549011.6362 | 1574953.1555 |
| L | 53+00.00 | 33.00 | 549011.5217 | 1574948.1541 |
| L | 53+30.00 | 33.00 | 549041.5096 | 1574947.4680 |
| L | 53+30.00 | 38.00 | 549041.6241 | 1574952.4694 |
| L | 54+75.00 | 33.00 | 549186.4760 | 1574944.1512 |
| L | 54+75.00 | 39.00 | 549186.6133 | 1574950.1535 |
| L | 55+10.00 | 39.00 | 549221.6087 | 1574949.3529 |
| L | 55+10.00 | 33.00 | 549221.4714 | 1574943.3505 |
| L | 55+90.00 | 33.00 | 549301.4459 | 1574941.5208 |
| L | 55+90.00 | 40.00 | 549301.6060 | 1574948.5189 |
| L | 56+30.00 | 40.00 | 549341.5955 | 1574947.6040 |
| L | 56+30.00 | 33.00 | 549341.4354 | 1574940.6058 |
| L | 56+51.00 | 33.00 | 549362.4299 | 1574940.1255 |
| L | 56+51.00 | 30.00 | 549362.3613 | 1574937.1263 |

| ROW MARKER PERMANENT EASEMENT-E | | | | |
|---------------------------------|----------|--------|-------------|--------------|
| ALIGN | STATION | OFFSET | NORTH | EAST |
| L | 23+26.00 | -49.00 | 546091.1970 | 1574345.5976 |
| L | 23+29.00 | -30.00 | 546093.4798 | 1574364.7034 |
| L | 23+47.00 | -52.00 | 546112.6652 | 1574343.5141 |
| L | 23+50.00 | -30.00 | 546114.6730 | 1574365.6325 |
| L | 25+34.57 | -47.00 | 546302.3825 | 1574363.3870 |
| L | 25+40.00 | -48.00 | 546307.9726 | 1574362.9988 |
| L | 25+45.00 | -30.00 | 546310.9837 | 1574381.4541 |
| L | 30+00.00 | 81.00 | 546737.5587 | 1574572.5298 |
| L | 30+00.00 | 40.00 | 546746.3094 | 1574532.4746 |
| L | 30+20.00 | 40.00 | 546765.8486 | 1574536.7432 |
| L | 30+20.00 | 81.00 | 546757.0979 | 1574576.7985 |

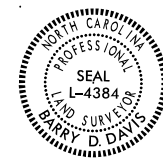
I, Barry D. Davis, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item, R/W and Easement Staking, was performed under my responsible charge meeting NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures as of 2017. Those standards can be found at <https://connect.ncdot.gov/resources/Location/Pages/>.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from survey control established under my supervision; that the depicted property data shown herein were surveyed under my supervision; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (see deeds for final determination).

Witness my signature, registration number and seal this 9th day of July 2025

Barry D. Davis, _____ DocuSigned by: _____ PLS# L-4384
Professional Land Surveyor

Barry Davis
0E2AAE4F48174DC...



| ROW MARKER IRON PIN AND CAP | | | | |
|-----------------------------|----------|--------|-------------|--------------|
| ALIGN | STATION | OFFSET | NORTH | EAST |
| Y | 12+15.00 | -30.00 | 544903.3187 | 1574298.7851 |

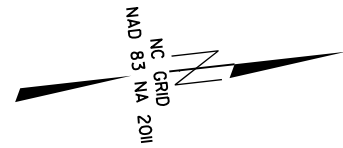
NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED BY THE DIVISION IO DDC UNIT. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE DIVISION IO DDC UNIT.

SIDEWALK ALONG NC 200 FROM
N. LOVE CHAPEL RD. TO
CARMEL DR.

| | | | |
|-----------|--------|--|-----------|
| SCALE | N/A | | REVISIONS |
| DATE | 7-2025 | | |
| DWG. BY | VSC | | |
| DESIGN BY | VSC | | |
| APPROVED | JDH | | |

| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3J | ID-1 |
| F.A. PROJECT NO. | 0200413 |



PI Sta 11+90.46 -Y-
 $\Delta = 46^\circ 25' 57.5''$ (RT)
 $D = 28^\circ 38' 52.4''$
 $L = 162.08'$
 $T = 85.79'$
 $R = 200.00'$

1
 THOMAS G MASSINGALE
 AND WIFE
 MELINDA J MASSINGALE
 DB 338 PG 889

2
 KAVITHA KAYATHI
 AND
 RAMKUMAR SUNKIREDDY
 DB 186 PG 1221

3
 TYLER T MASSINGALE
 DB 1613 PG 729

1
 THOMAS G MASSINGALE
 AND WIFE
 MELINDA J MASSINGALE
 DB 338 PG 889

PI Sta 11+87.74 -L-
 $\Delta = 8^\circ 41' 49.4''$ (RT)
 $D = 2^\circ 51' 53.2''$
 $L = 303.58'$
 $T = 152.08'$
 $R = 2,000.00'$

PT Sta. 13+39.24 -L-

I, Barry D. Davis, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item, R/W and Easement Staking, was performed under my responsible charge meeting NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures as of 2017. Those standards can be found at <https://connect.ncdot.gov/resources/Location/Pages/>.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from survey control established under my supervision; that the depicted property data shown herein were surveyed under my supervision; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (see deeds for final determination).

Witness my signature, registration number and seal this 9th day of July 2025

Barry D. Davis, Professional Land Surveyor

DocuSigned by:
 Barry Davis
 PLS# L-4384
 0E2AAE4F48174DC...



NOTES:

- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED BY THE DIVISION 10 DDC UNIT. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE DIVISION 10 DDC UNIT.

SIDEWALK ALONG NC 200 FROM N.LOVE CHAPEL RD. TO CARMEL DR.

| | | |
|-----------|--------|-----------|
| SCALE | 1"=50' | REVISIONS |
| DATE | 7-2025 | |
| DWG. BY | VSC | |
| DESIGN BY | VSC | |
| APPROVED | JDH | |

MATCH LINE 24+00
 SEE SHEET ID-2

20

15

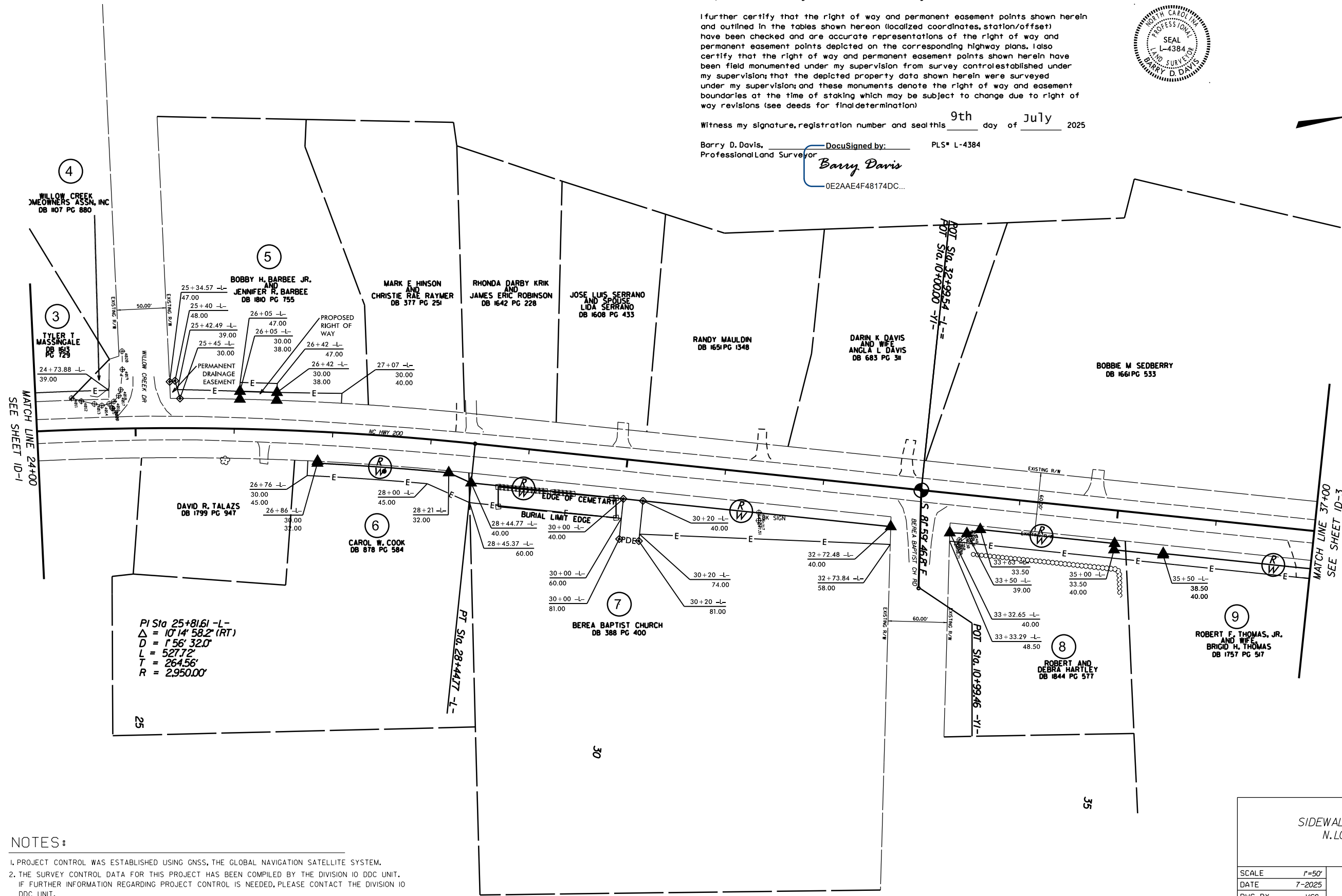
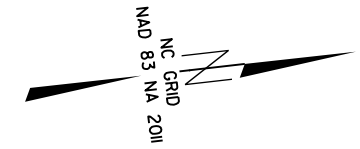
| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3J | ID-2 |
| F.A. PROJECT NO. | 0200413 |

I, Barry D. Davis, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item, R/W and Easement Staking, was performed under my responsible charge meeting NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures as of 2017. Those standards can be found at <https://connect.ncdot.gov/resources/Location/Pages/>.

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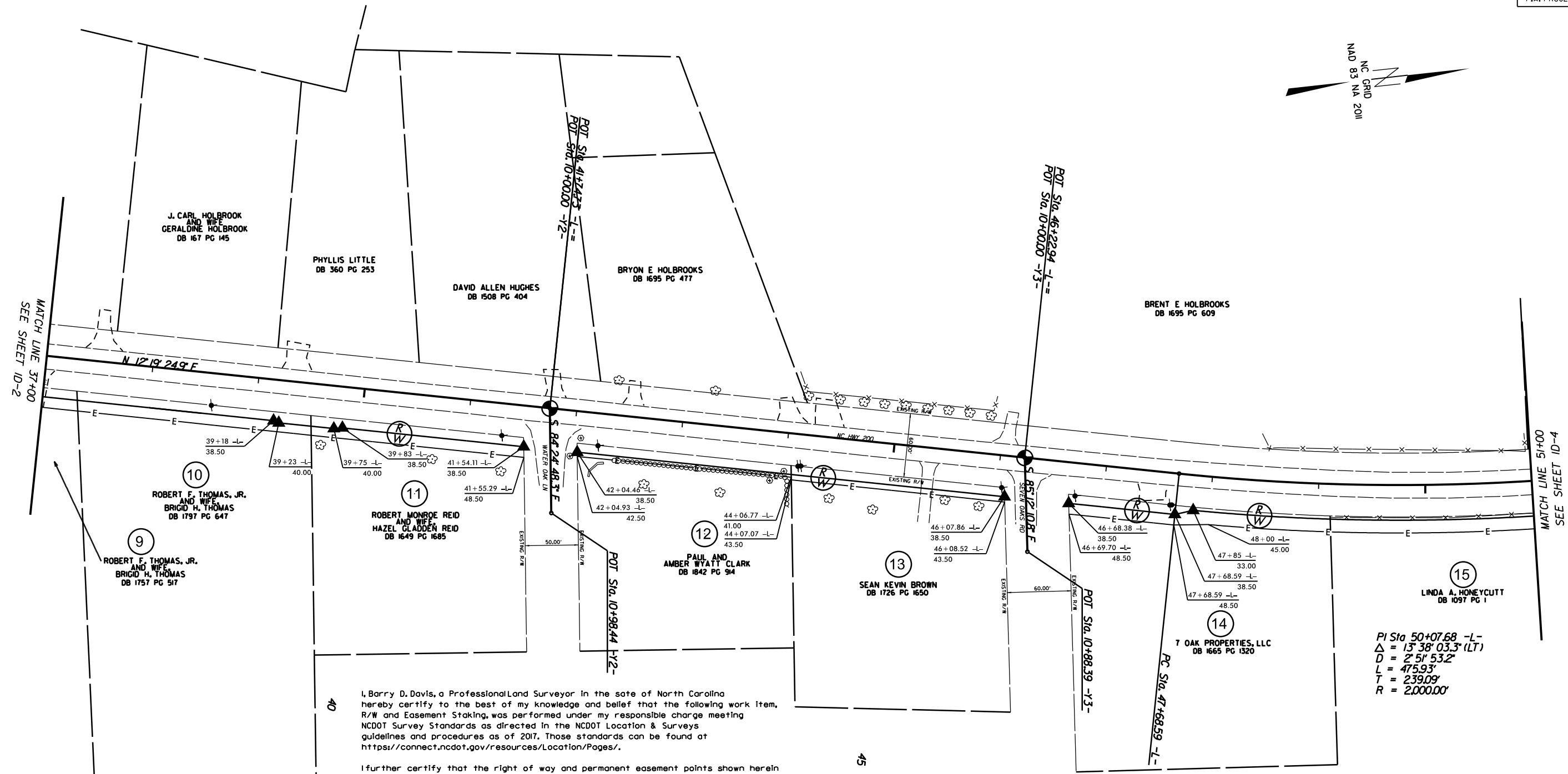
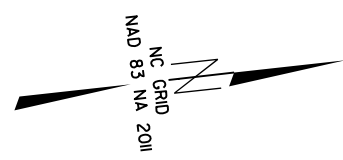
Witness my signature, registration number and seal this 9th day of July 2025

Barry D. Davis, Professional Land Surveyor
 DocuSigned by: Barry Davis
 PLS# L-4384
 0E2AAE4F48174DC...



NOTES:
 1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
 2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED BY THE DIVISION IO DDC UNIT. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE DIVISION IO DDC UNIT.

| | | | |
|-------------------------------------------------------------|--------|--|-----------|
| SIDEWALK ALONG NC 200 FROM N. LOVE CHAPEL RD. TO CARMEL DR. | | | REVISIONS |
| SCALE | 1"=50' | | |
| DATE | 7-2025 | | |
| DWG. BY | VSC | | |
| DESIGN BY | VSC | | |
| APPROVED | JDH | | |



$PI Sta 50+07.68 -L-$
 $\Delta = 13^{\circ} 38' 03.3\" (LT)$
 $D = 2' 51' 53.2\"$
 $L = 475.93'$
 $T = 239.09'$
 $R = 2,000.00'$

I, Barry D. Davis, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item, R/W and Easement Staking, was performed under my responsible charge meeting NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures as of 2017. Those standards can be found at <https://connect.ncdot.gov/resources/Location/Pages/>.

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Witness my signature, registration number and seal this 9th day of July 2025

Barry D. Davis, DocuSigned by: Barry Davis PLS* L-4384
 Professional Land Surveyor
 0E2AAE4F48174DC...

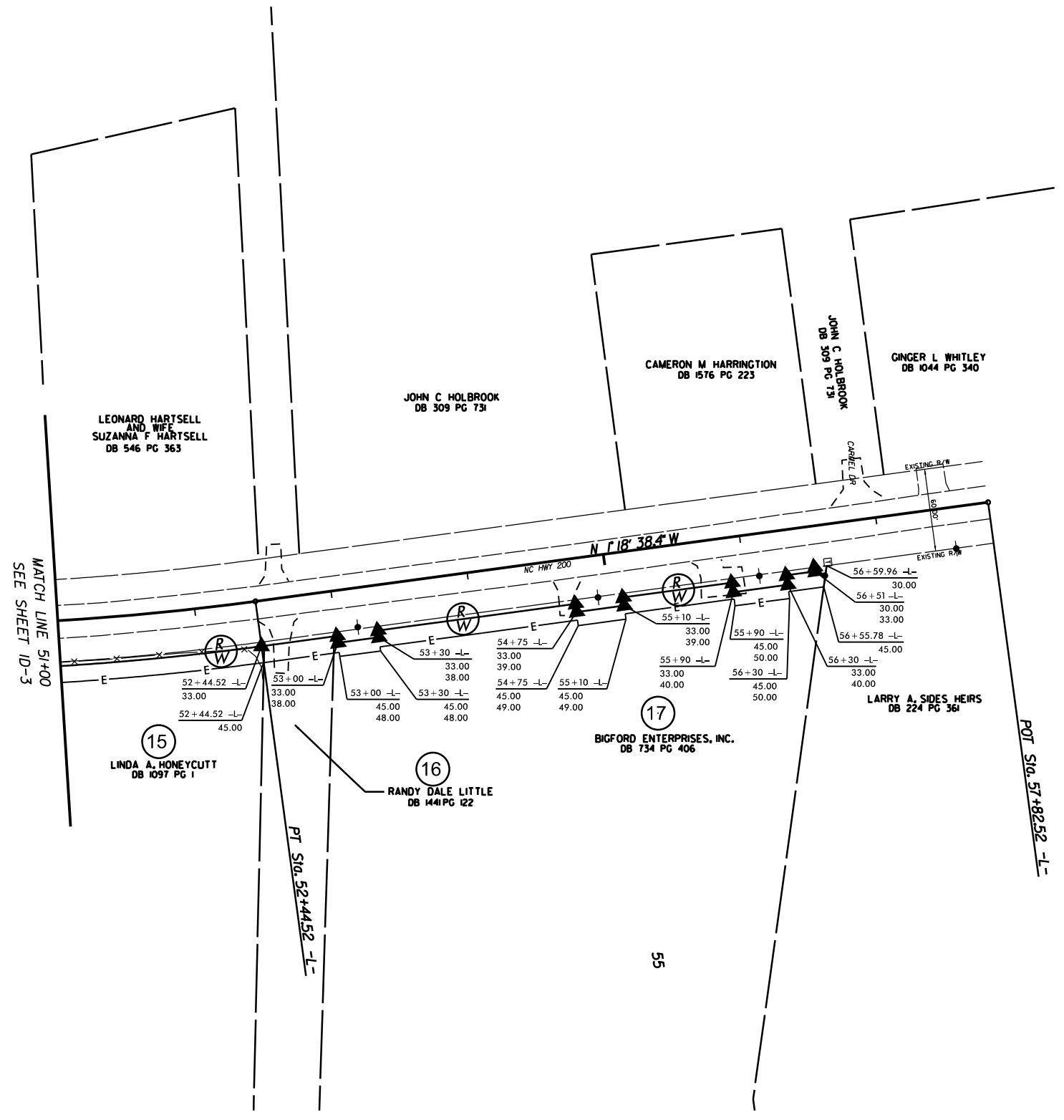
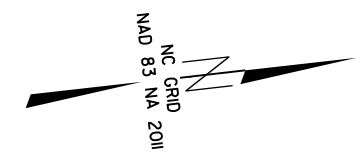


NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED BY THE DIVISION 10 DDC UNIT. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE DIVISION 10 DDC UNIT.

SIDEWALK ALONG NC 200 FROM LOVE CHAPEL RD. TO CARMEL DR.

| | | | |
|-----------|--------|--|-----------|
| SCALE | 1"=50' | | REVISIONS |
| DATE | 7-2025 | | |
| DWG. BY | VSC | | |
| DESIGN BY | VSC | | |
| APPROVED | JDH | | |



I, Barry D. Davis, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item, R/W and Easement Staking, was performed under my responsible charge meeting NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures as of 2017. Those standards can be found at <https://connect.ncdot.gov/resources/Location/Pages/>.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from survey control established under my supervision; that the depicted property data shown herein were surveyed under my supervision; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (see deeds for final determination).

Witness my signature, registration number and seal this 9th day of July 2025

Barry D. Davis, Professional Land Surveyor
 DocuSigned by: Barry Davis
 PLS* L-4384
 0E2AAE4F48174DC...



NOTES :

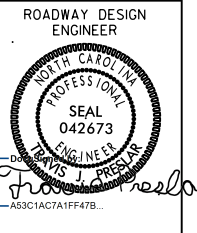
1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED BY THE DIVISION IO DDC UNIT. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE DIVISION IO DDC UNIT.

SIDEWALK ALONG NC 200 FROM
 N. LOVE CHAPEL RD. TO
 CARMEL DR.

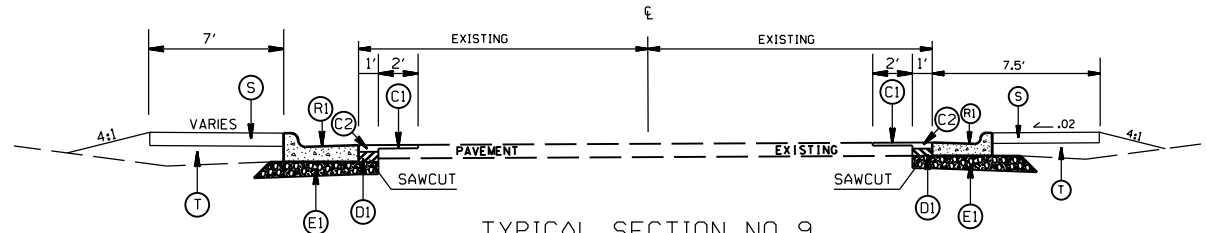
| | | | |
|-----------|--------|--|-----------|
| SCALE | 1"=50' | | REVISIONS |
| DATE | 7-2025 | | |
| DWG. BY | VSC | | |
| DESIGN BY | VSC | | |
| APPROVED | JDH | | |

PAVEMENT SCHEDULE

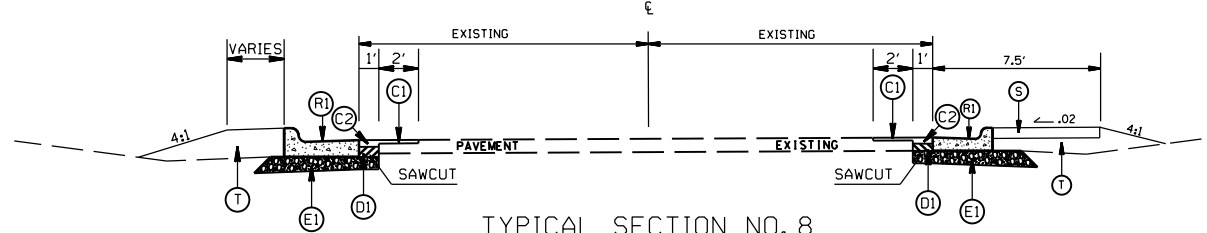
| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3.I | 2A |
| F.A. PROJECT NO. | 0200413 |



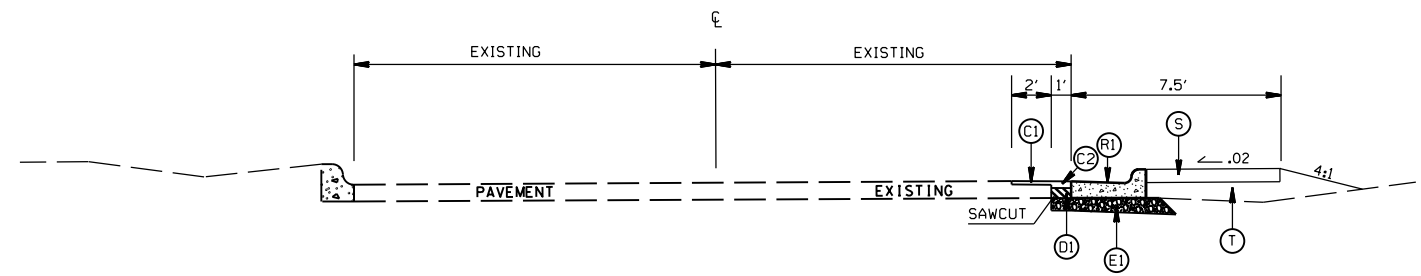
| | |
|------|----------------------------------------------------------------------------------------------------------------------------|
| (C1) | PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. |
| (C2) | PROP. APPROX. 3" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD., IN TWO EQUAL LAYERS |
| (D1) | PROP. APPROX. 4" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD. |
| (E1) | PROP. APPROX. 5" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD. |
| (R1) | PROP. 2'-6" CONC. CURB & GUTTER |
| (H) | PROP. HANDRAIL |
| (S) | PROP. 4" CONC. SIDEWALK |
| (T) | EARTH MATERIAL |



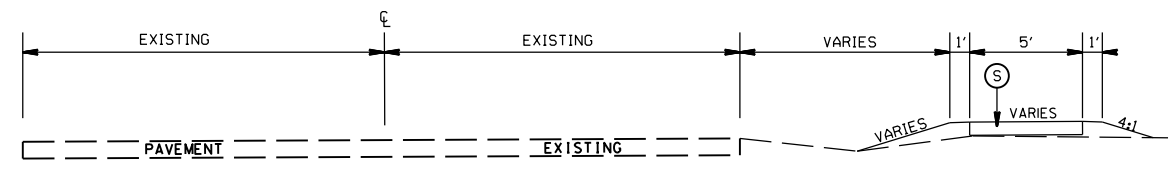
TYPICAL SECTION NO. 9
STA. 12+31 TO 12+66 -Y-



TYPICAL SECTION NO. 8
STA. 12+10 TO 12+31 -Y-

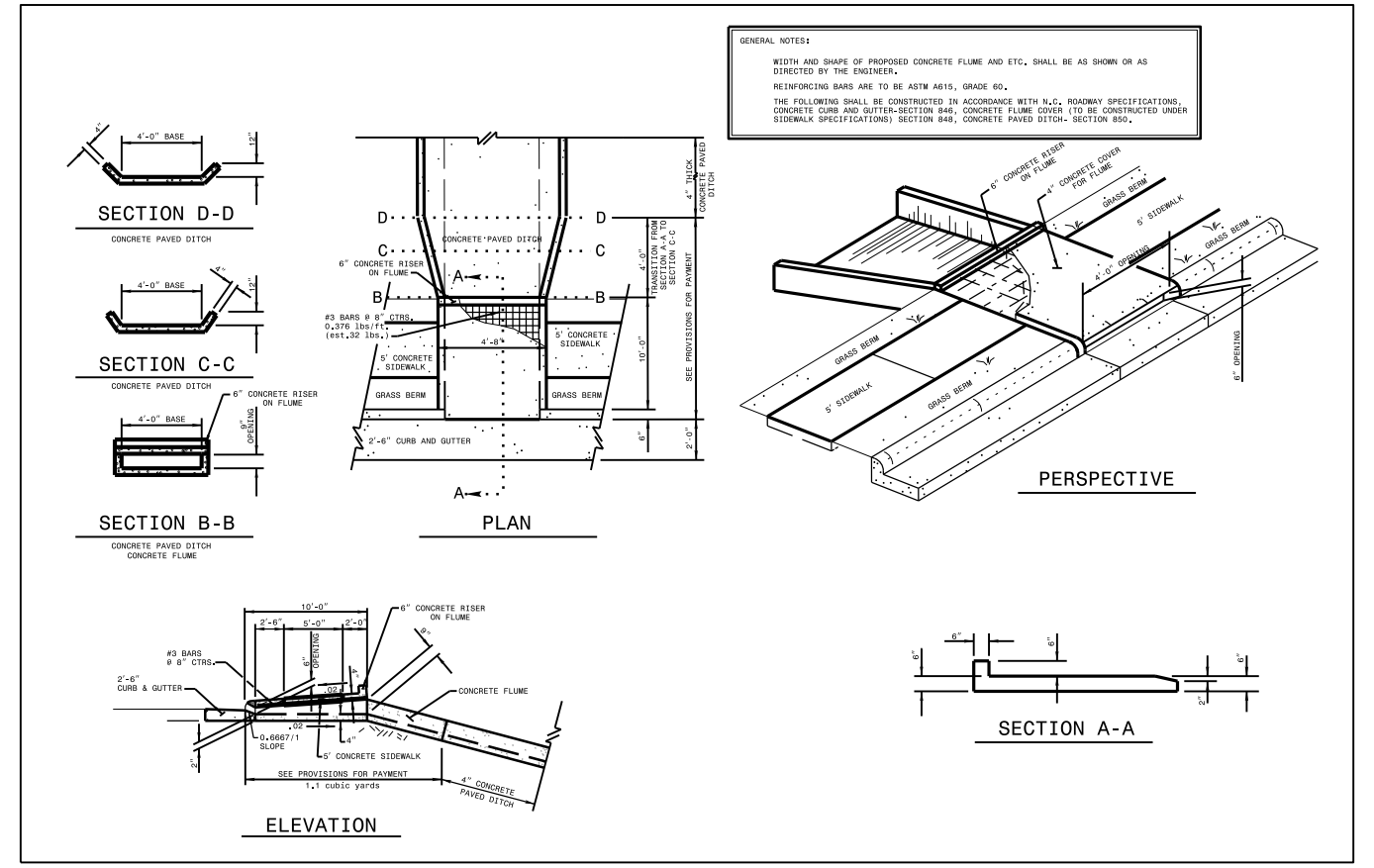


TYPICAL SECTION NO. 7
STA. 11+01.22 TO 12+10 -Y-



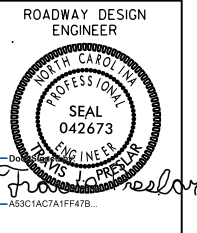
TYPICAL SECTION NO. 6
STA. 26+92 TO 56+50 -L-

CONCRETE FLUME DETAIL

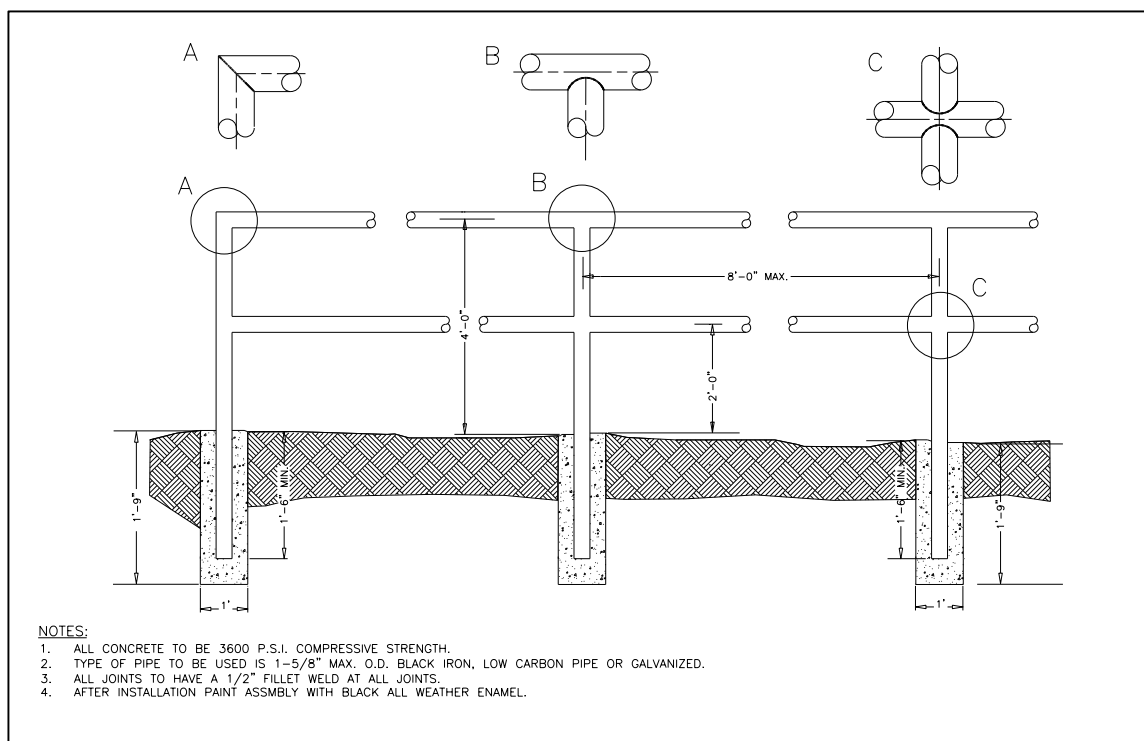


GENERAL NOTES:
WIDTH AND SHAPE OF PROPOSED CONCRETE FLUME AND ETC. SHALL BE AS SHOWN OR AS DIRECTED BY THE ENGINEER.
REINFORCING BARS ARE TO BE ASTM A615, GRADE 60.
THE FOLLOWING SHALL BE CONSTRUCTED IN ACCORDANCE WITH N.C. ROADWAY SPECIFICATIONS, CONCRETE CURB AND GUTTER-SECTION 848; CONCRETE FLUME COVER TO BE CONSTRUCTED UNDER SIDEWALK SPECIFICATIONS) SECTION 849; CONCRETE PAVED DITCH- SECTION 850.

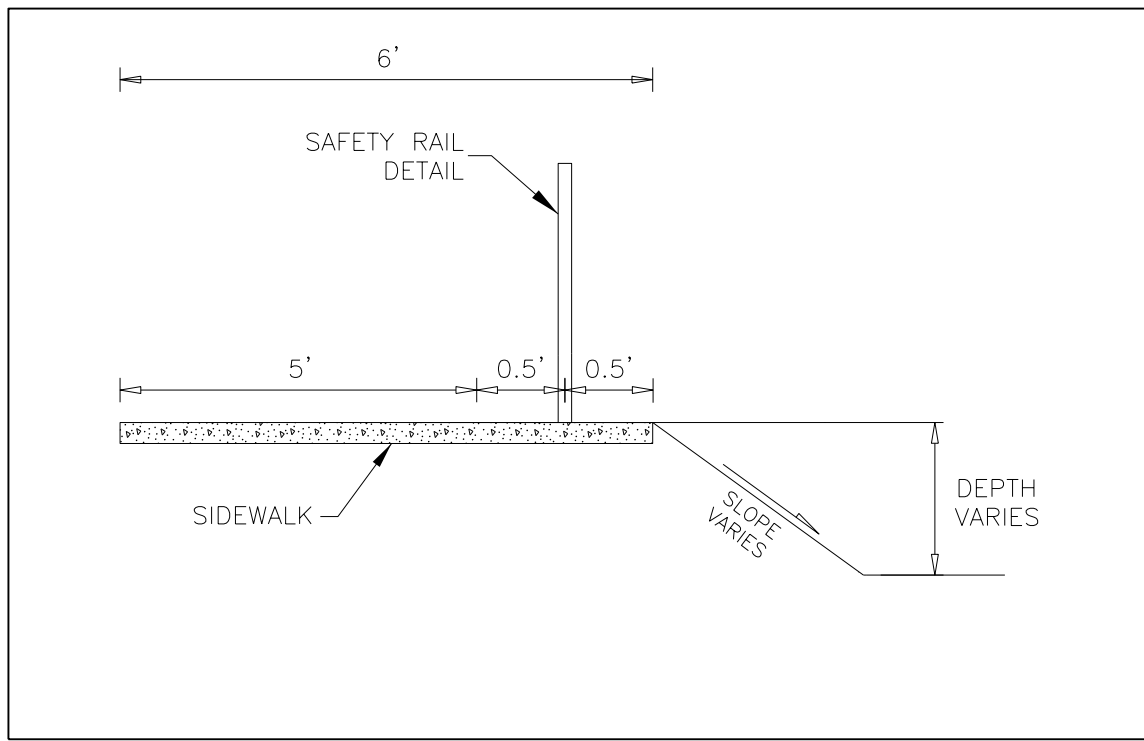
| | | | |
|-----------------------------------------------------------------|--------|--|-----------|
| SIDEWALK ALONG NC 200 FROM N.LOVE CHAPEL RD.TO CARMEL DR. | | | REVISIONS |
| SCALE | N/A | | |
| DATE | 8-2025 | | |
| DWG. BY | VSC | | |
| DESIGN BY | VSC | | |
| APPROVED | JDH | | |



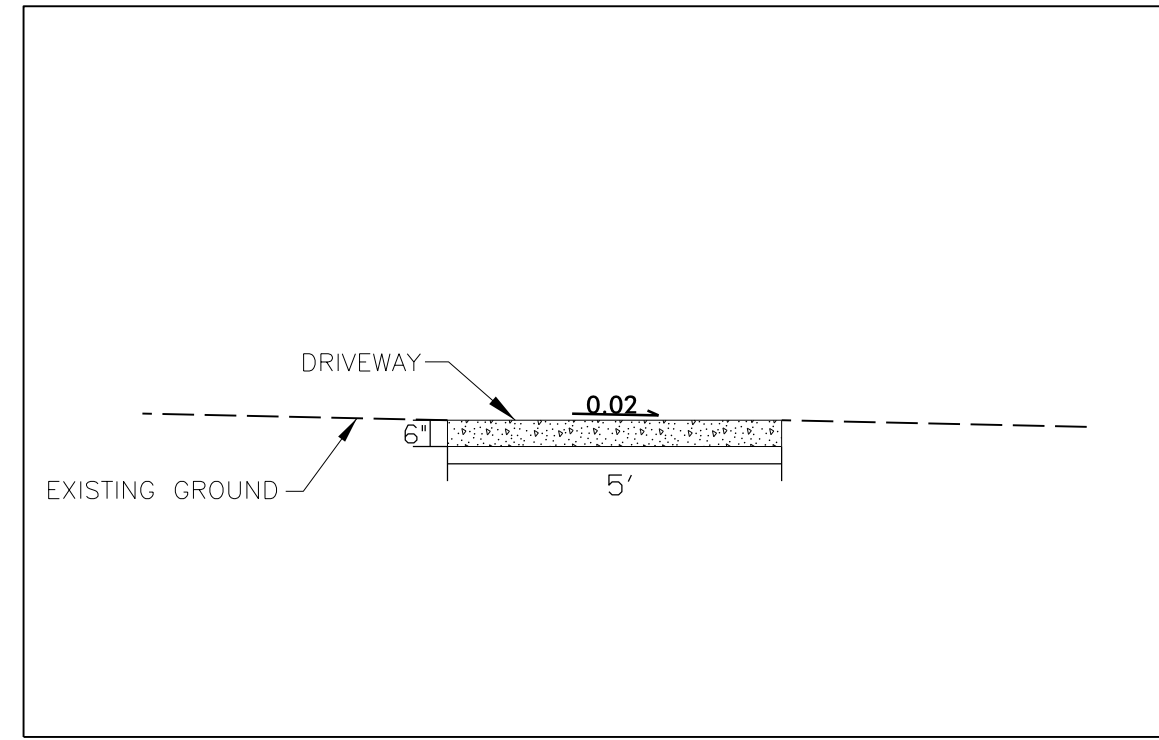
SAFETY RAIL DETAIL



SAFETY RAIL DETAIL #2



SIDEWALK CROSSING DRIVEWAY DETAIL

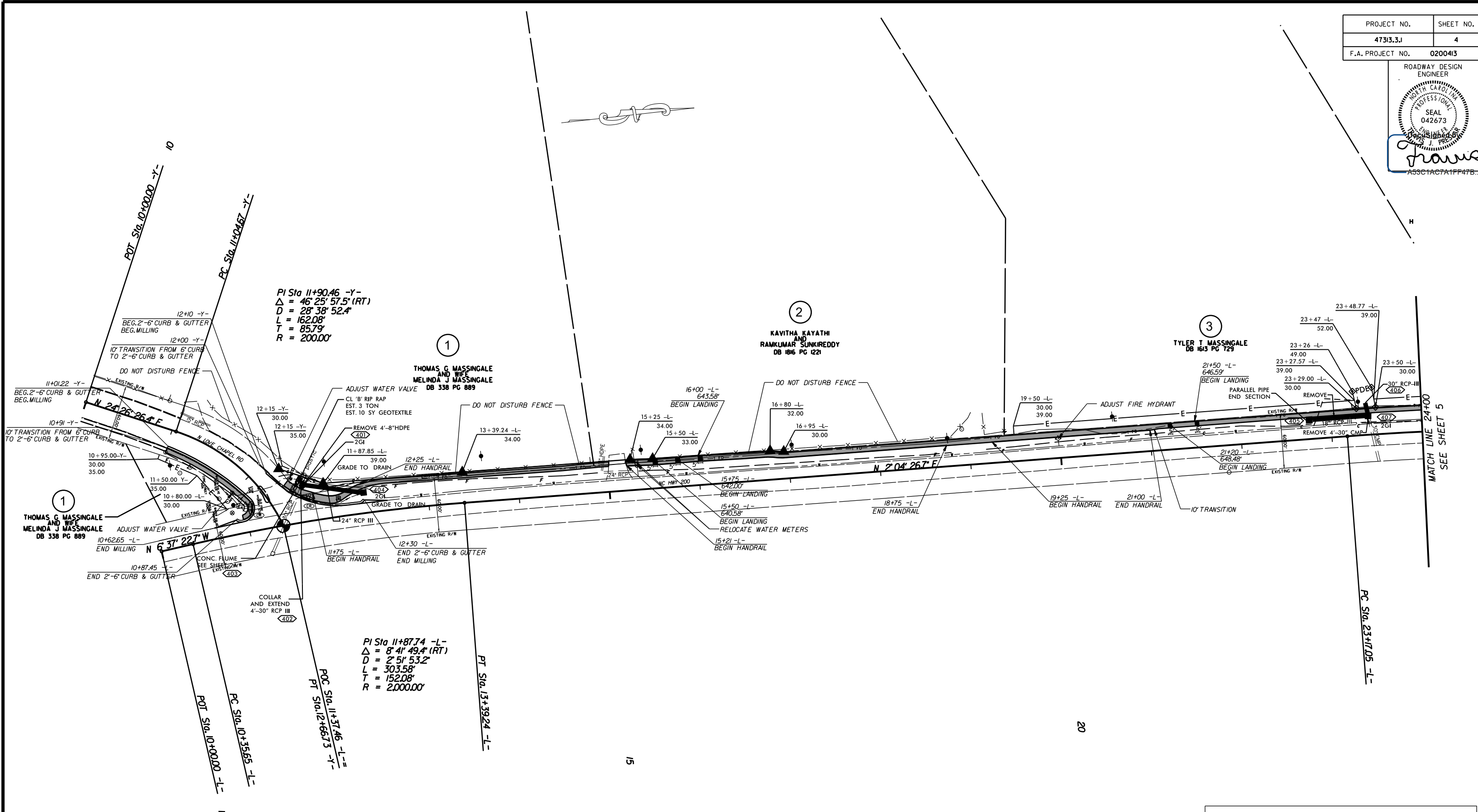
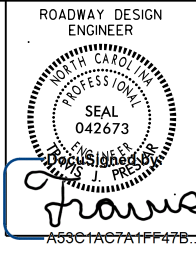


SIDEWALK ALONG NC 200 FROM
N. LOVE CHAPEL RD. TO
CARMEL DR.

| | |
|-----------|--------|
| SCALE | N/A |
| DATE | 8-2025 |
| DWG. BY | VSC |
| DESIGN BY | VSC |
| APPROVED | JDH |

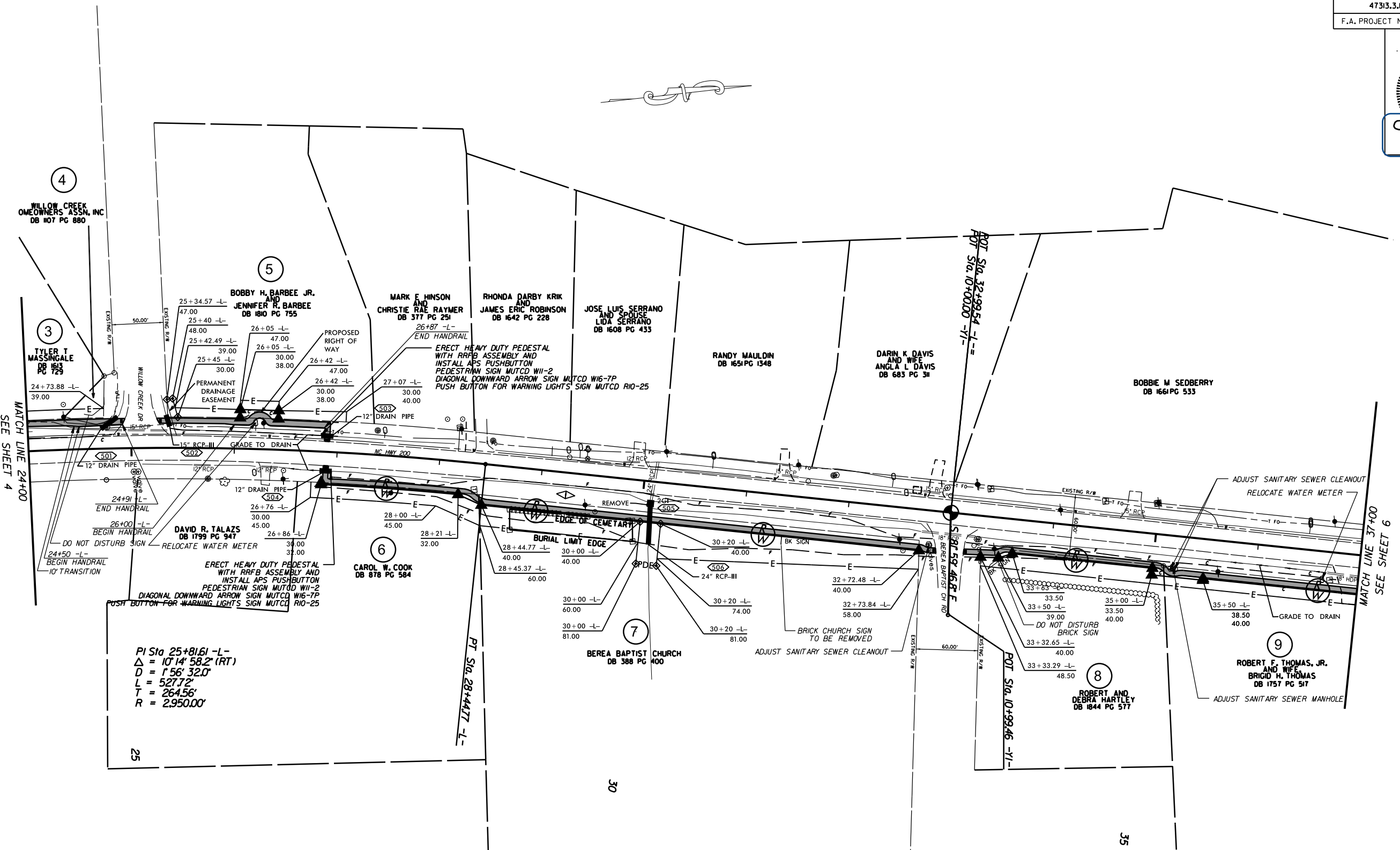
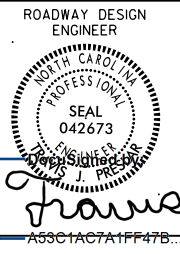


| REVISIONS | |
|-----------|--|
| | |
| | |
| | |

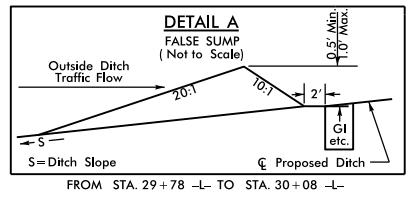



SIDEWALK ALONG NC 200 FROM
N. LOVE CHAPEL RD. TO
CARMEL DR.

| | | | |
|-----------|--------|--|-----------|
| SCALE | r=50' | | REVISIONS |
| DATE | 7-2025 | | |
| DWG. BY | JCB | | |
| DESIGN BY | TBL | | |
| APPROVED | JDH | | |

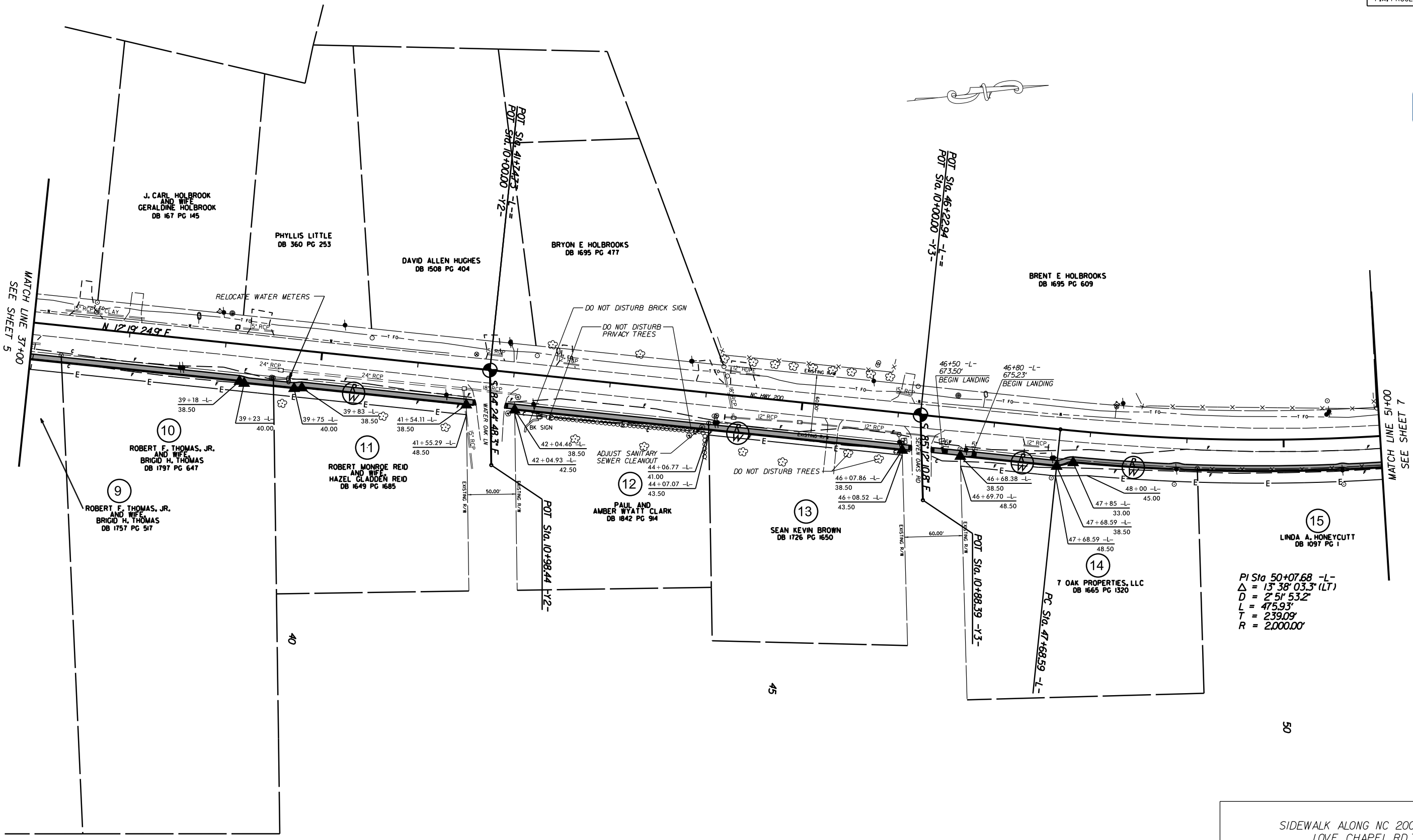


$PI Sta. 25+81.61 -L-$
 $\Delta = 10^\circ 14' 58.2'' (RT)$
 $D = 156' 32.0''$
 $L = 527.72'$
 $T = 264.56'$
 $R = 2950.00'$



| | | | | |
|-----------|--|---------|---------------------------------------------------------------------------------------|-----------|
| SCALE | | $r=50'$ |  | REVISIONS |
| DATE | | 7-2025 | | |
| DWG. BY | | TBL | | |
| DESIGN BY | | TBL | | |
| APPROVED | | JDH | | |

SIDEWALK ALONG NC 200 FROM
 N.LOVE CHAPEL RD. TO
 CARMEL DR.



$PI Sta 50+07.68 -L-$
 $\Delta = 13^{\circ} 38' 03.3\" (LT)$
 $D = 2' 51' 53.2\"$
 $L = 475.93'$
 $T = 239.09'$
 $R = 2,000.00'$

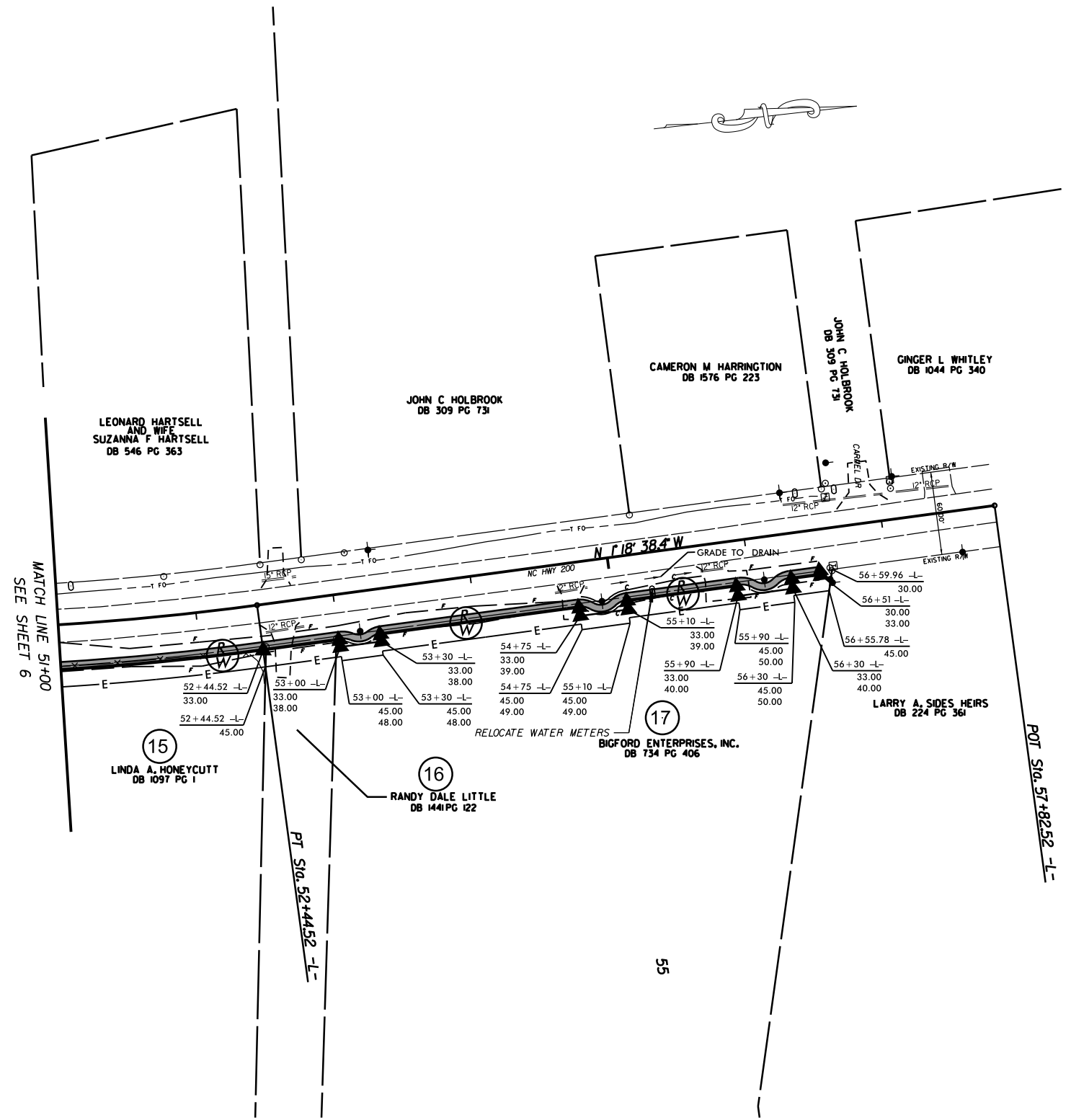
SIDEWALK ALONG NC 200 FROM LOVE CHAPEL RD. TO CARMEL DR.

| | | | |
|-----------|--------|--|-----------|
| SCALE | r=50' | | REVISIONS |
| DATE | 7-2025 | | |
| DWG. BY | TBL | | |
| DESIGN BY | TBL | | |
| APPROVED | JDH | | |

| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3.I | 7 |
| F.A. PROJECT NO. | 0200413 |

ROADWAY DESIGN
ENGINEER

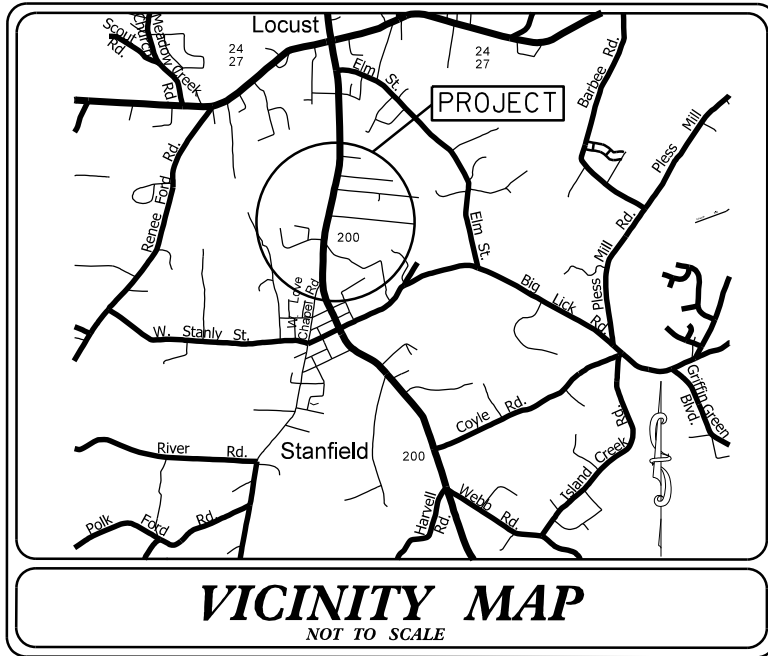
Travis J. Proffitt
A53C1AC7A1FF47B...



SIDEWALK ALONG NC 200 FROM
N. LOVE CHAPEL RD. TO
CARMEL DR.

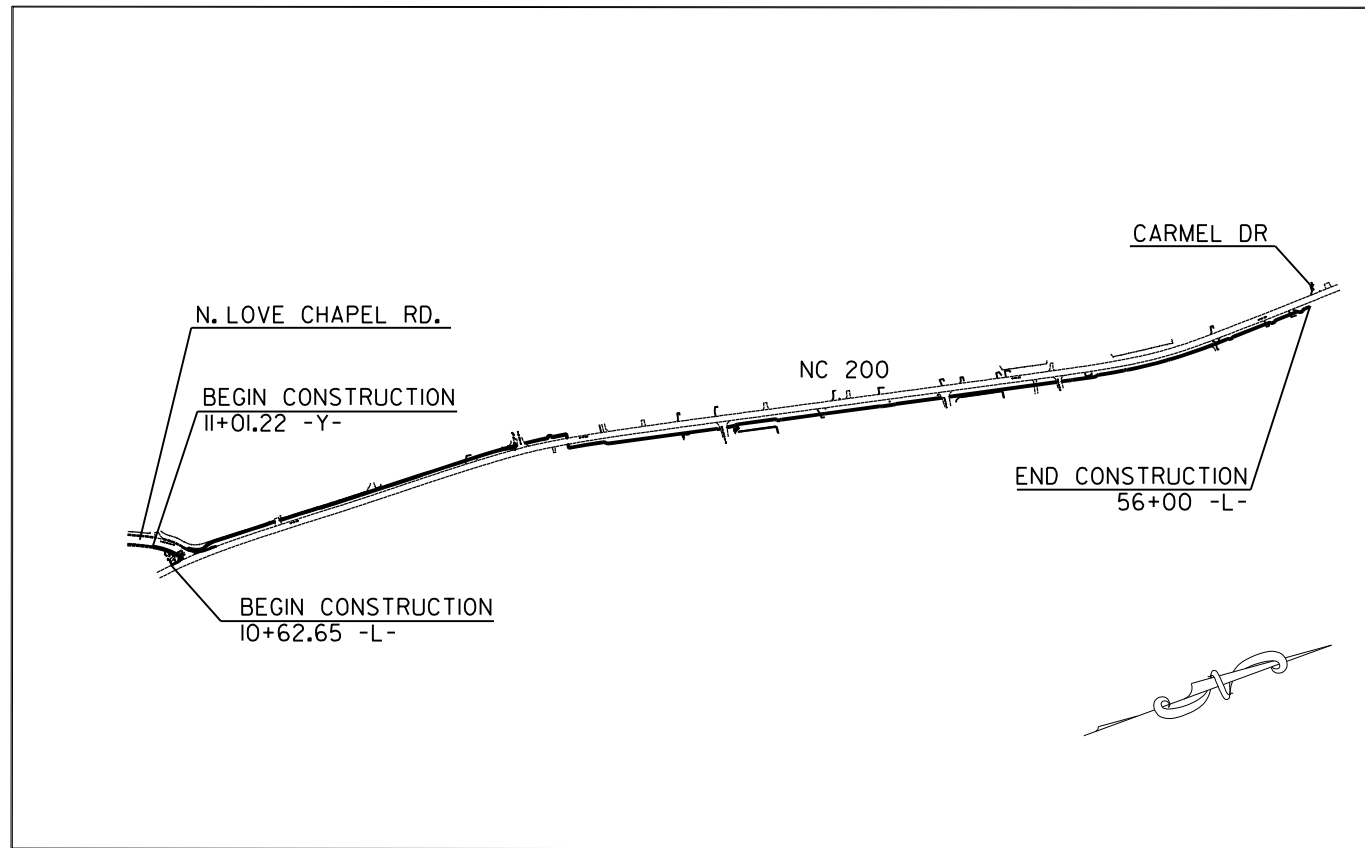
| | | | |
|-----------|--------|--|-----------|
| SCALE | 1"=50' | | REVISIONS |
| DATE | 7-2025 | | |
| DWG. BY | TBL | | |
| DESIGN BY | TBL | | |
| APPROVED | JDH | | |

TIP PROJECT: EB-5857



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL
STANLY COUNTY

LOCATION: NC 200 FROM N. LOVE CHAPEL RD. TO CARMEL DR. IN STANFIELD



CLEARING ON THIS PROJECT SHALL BE TO THE LIMITS ESTABLISHED BY METHOD III AS DESCRIBED IN THE NCDOT STANDARD DRAWINGS

INSTALL PERIMETER EROSION CONTROL MEASURES DURING INITIAL CLEARING PHASE

| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------------------|-------------|--------------|
| N.C. | 47313.3.1 | EC-1 | |
| STATE PROJ. NO. | P.A. PROJ. NO. | DESCRIPTION | |
| 47313.1.1 | 0200413 | P.E. | |
| 47313.2.1 | 0200413 | R/W | |
| 47313.3.1 | 0200413 | CONST. | |

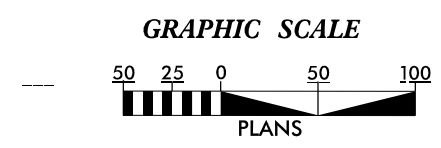
EROSION AND SEDIMENT CONTROL MEASURES

| Sta. # | Description | Symbol |
|---------|------------------------------------------------------------------------|--------|
| 1630.03 | Temporary Silt Ditch | |
| 1630.05 | Temporary Diversion | |
| 1605.01 | Temporary Silt Fence | |
| 1606.01 | Special Sediment Control Fence | |
| 1622.01 | Temporary Berms and Slope Drains | |
| 1630.02 | Silt Basin Type B | |
| 1633.01 | Temporary Rock Silt Check Type-A | |
| | Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM) | |
| 1633.02 | Temporary Rock Silt Check Type-B | |
| | Wattle / Coir Fiber Wattle | |
| | Wattle / Coir Fiber Wattle with Polyacrylamide (PAM) | |
| 1634.01 | Temporary Rock Sediment Dam Type-A | |
| 1634.02 | Temporary Rock Sediment Dam Type-B | |
| 1635.01 | Rock Pipe Inlet Sediment Trap Type-A | |
| 1635.02 | Rock Pipe Inlet Sediment Trap Type-B | |
| 1630.04 | Stilling Basin | |
| 1630.06 | Special Stilling Basin | |
| | Rock Inlet Sediment Trap: | |
| 1632.01 | Type A | |
| 1632.02 | Type B | |
| 1632.03 | Type C | |
| | Skimmer Basin | |
| | Tiered Skimmer Basin | |
| | Infiltration Basin | |

THIS PROJECT CONTAINS EROSION CONTROL PLANS FOR CLEARING AND GRUBBING PHASE OF CONSTRUCTION.

HIGH QUALITY WATERS(S) EXIST ON THIS PROJECT
High Quality Water Zone(s) Exist From Sta. BEGIN PROJECT to Sta. END PROJECT
Refer To E. C. Special Provisions for Special Considerations.

ENVIRONMENTALLY SENSITIVE AREA(S) EXIST ON THIS PROJECT
Refer To E. C. Special Provisions for Special Considerations.



THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE APPLICABLE REGULATIONS SET FORTH BY THE NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE APRIL 1, 2019 AND ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF WATER RESOURCES.



Prepared In the Office of:
DDC UNIT DIVISION 10
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Designed by:
VITALIY CHEPEL 4658
NAME LEVEL III CERTIFICATION NO.

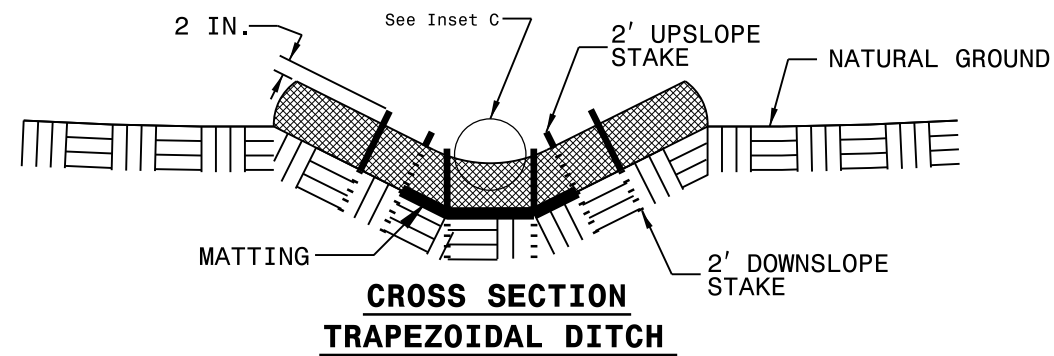
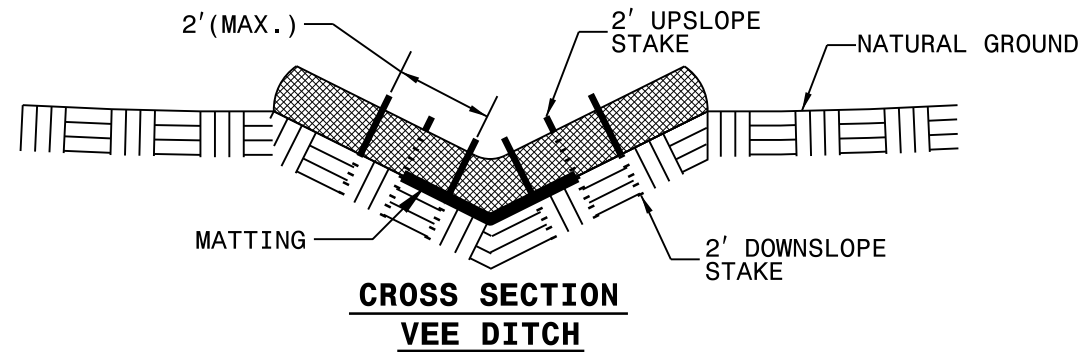
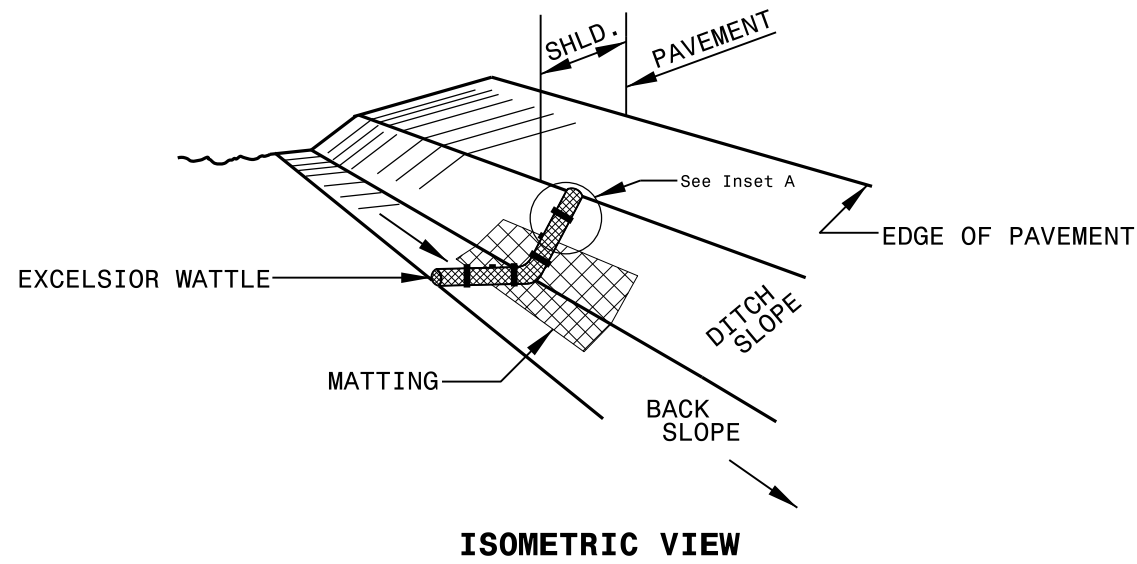
Roadway Standard Drawings

The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2024 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

| | |
|------------------------------------------|----------------------------------------------|
| 1604.01 Railroad Erosion Control Detail | 1632.01 Rock Inlet Sediment Trap Type A |
| 1605.01 Temporary Silt Fence | 1632.02 Rock Inlet Sediment Trap Type 3 |
| 1606.01 Special Sediment Control Fence | 1632.03 Rock Inlet Sediment Trap Type C |
| 1607.01 Gravel Construction Entrance | 1633.01 Temporary Rock Silt Check Type A |
| 1622.01 Temporary Berms and Slope Drains | 1633.02 Temporary Rock Silt Check Type 3 |
| 1630.01 Riser Basin | 1634.01 Temporary Rock Sediment Dam Type A |
| 1630.02 Silt Basin Type 3 | 1634.02 Temporary Rock Sediment Dam Type 3 |
| 1630.03 Temporary Silt Ditch | 1635.01 Rock Pipe Inlet Sediment Trap Type A |
| 1630.04 Stilling Basin | 1635.02 Rock Pipe Inlet Sediment Trap Type 3 |
| 1630.05 Temporary Diversion | 1640.01 Coir Fiber Jaffle |
| 1630.06 Special Stilling Basin | 1645.01 Temporary Stream Crossing |
| 1631.01 Matting Installation | |

11-AUG-2025 16:22 S:\GIS\Projects\EB-5857-Stanfield\SideWalk_EC_TSH.dgn

WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL



NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

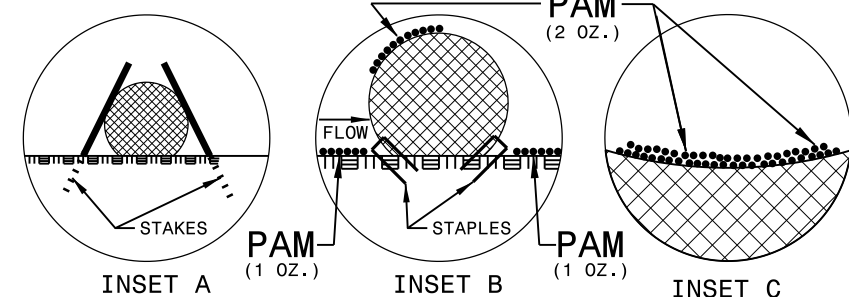
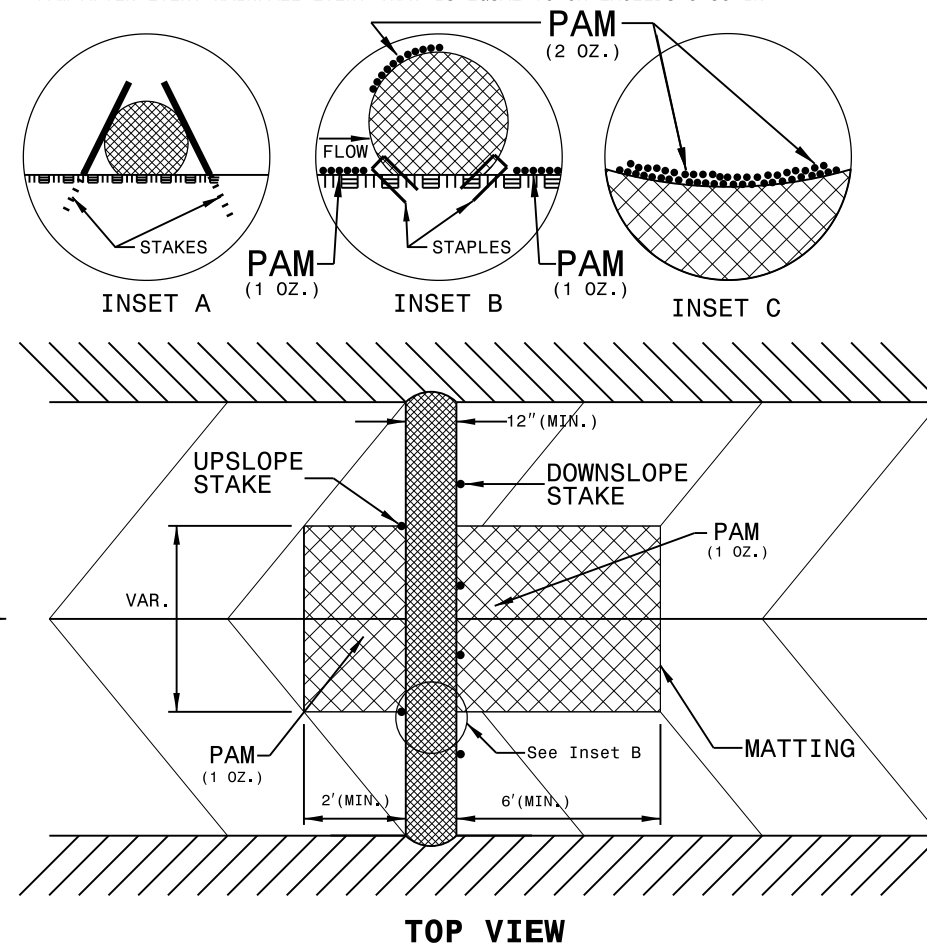
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

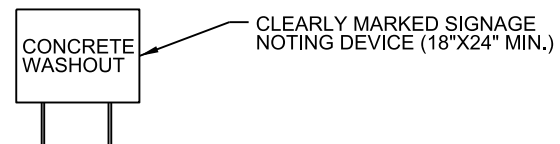
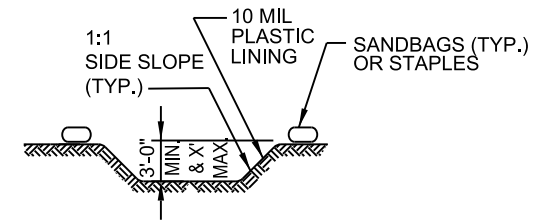
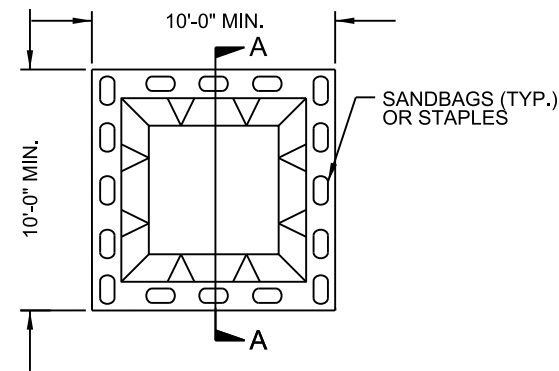
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.

PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH WATTLE.

INITIALLY APPLY 2 OUNCES OF ANIONIC OR NEUTRALLY CHARGED PAM OVER WATTLE WHERE WATER WILL FLOW AND 1 OUNCE OF PAM ON MATTING ON EACH SIDE OF WATTLE. REAPPLY PAM AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.



ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER



SECTION A-A

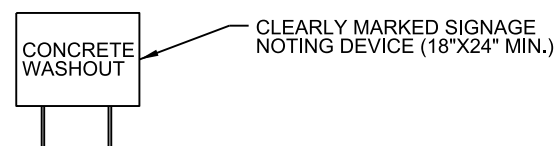
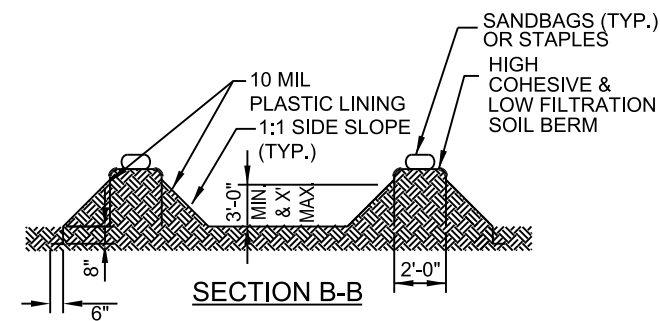
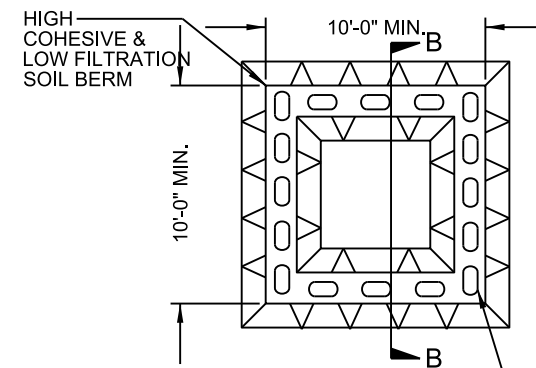
NOTES:

1. ACTUAL LOCATION DETERMINED IN FIELD
2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY.
3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

PLAN

BELOW GRADE WASHOUT STRUCTURE

NOT TO SCALE



NOTES:

1. ACTUAL LOCATION DETERMINED IN FIELD
2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

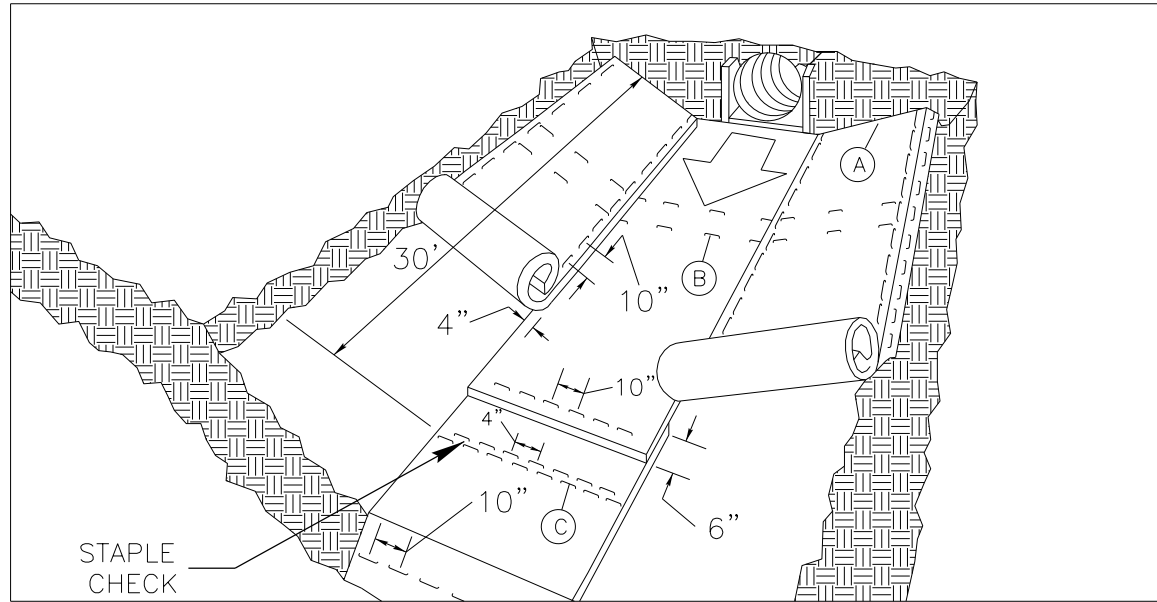
PLAN

ABOVE GRADE WASHOUT STRUCTURE

NOT TO SCALE

MATTING INSTALLATION DETAIL

| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3.I | EC-2B |
| F.A. PROJECT NO. | 0200413 |



MATTING IN DITCHES

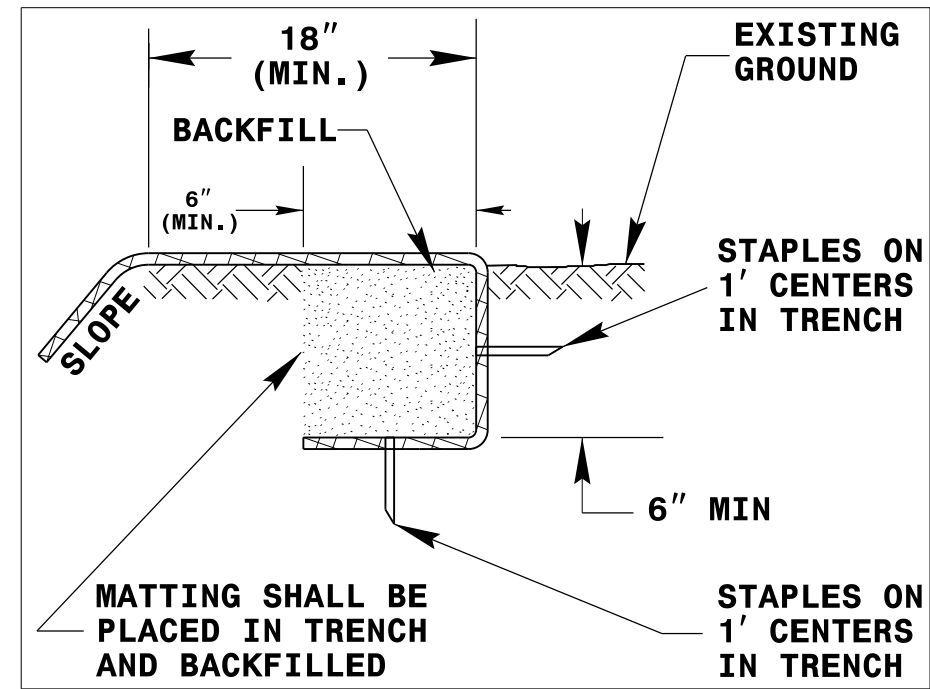
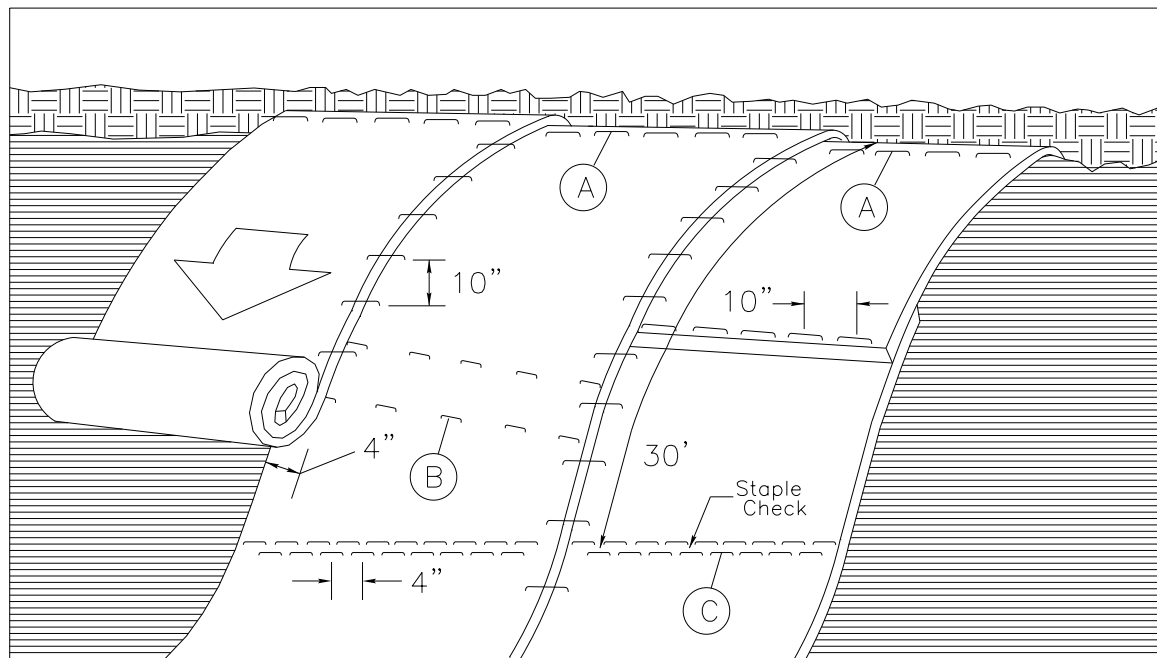


DIAGRAM (A)



MATTING ON SLOPES

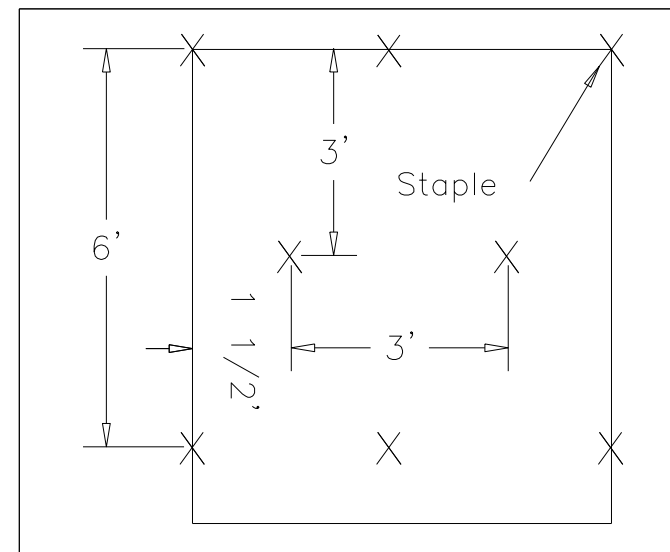


DIAGRAM (B)

Staple Check Pattern

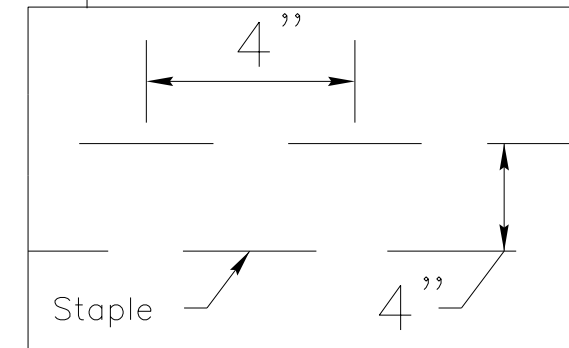


DIAGRAM (C)

NOTES:

THIS DETAIL APPLIES TO STRAW, EXCELSIOR, AND PERMANENT SOIL REINFORCEMENT MAT (PSRM) INSTALLATION.

STAPLES SHALL BE NO. 11 GAUGE STEEL WIRE FORMED INTO A "U" SHAPE WITH A MINIMUM THROAT WIDTH OF 1 INCH AND NOT LESS THAN 6 INCHES IN LENGTH.

NOT TO SCALE

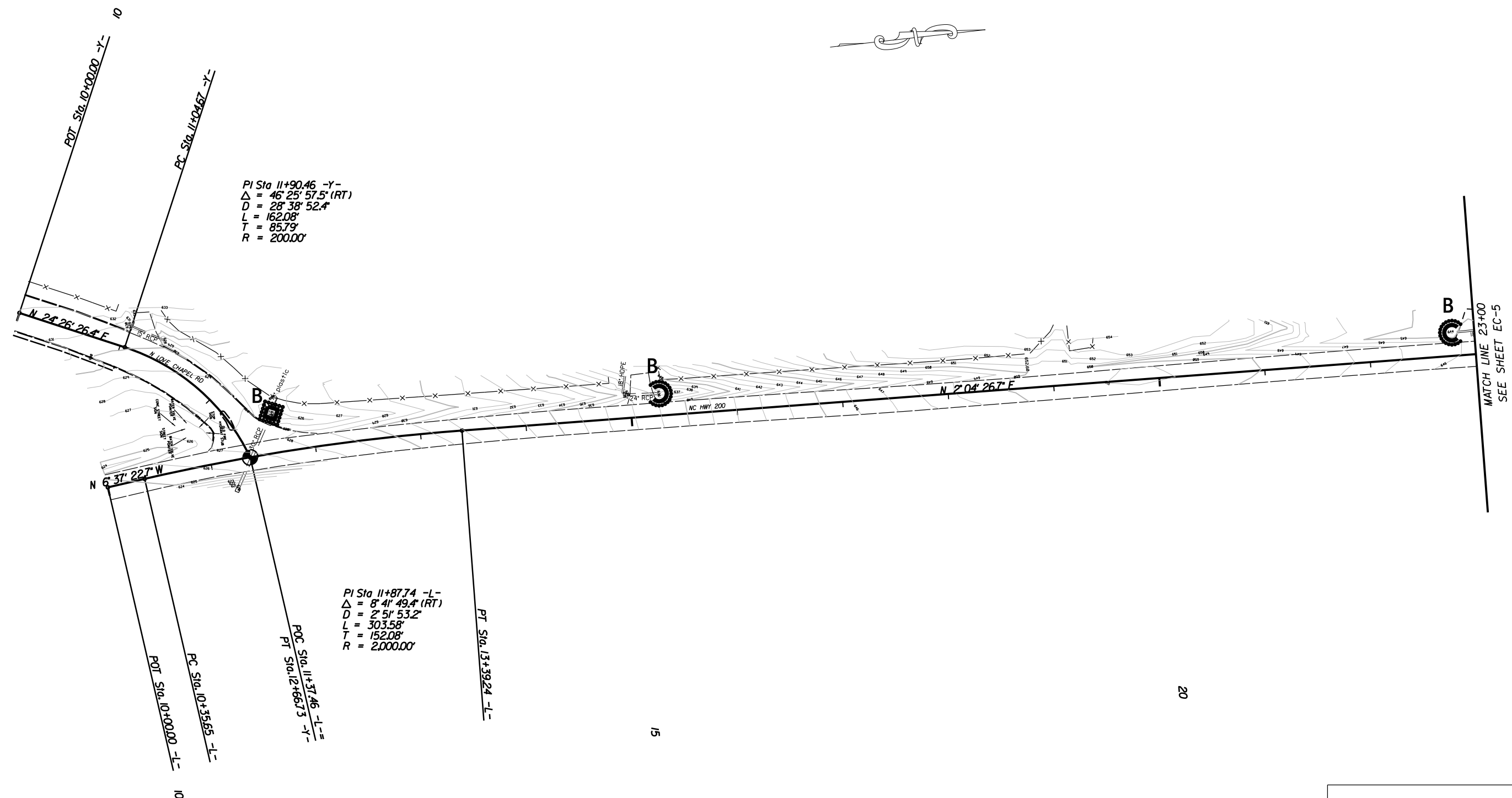
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

| <i>SITE DESCRIPTION</i> | <i>STABILIZATION TIME</i> | <i>TIMEFRAME EXCEPTIONS</i> |
|----------------------------------------------|---------------------------|----------------------------------------------------------------------------------------|
| PERIMETER DIKES, SWALES, DITCHES AND SLOPES | 7 DAYS | NONE |
| HIGH QUALITY WATER (HQW) ZONES | 7 DAYS | NONE |
| SLOPES STEEPER THAN 3:1 | 7 DAYS | IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED. |
| SLOPES 3:1 OR FLATTER | 14 DAYS | 7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH. |
| ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1 | 14 DAYS | NONE, EXCEPT FOR PERIMETERS AND HQW ZONES. |

CLEARING & GRUBBING PHASE

| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3.I | EC-4 |
| F.A. PROJECT NO. | 0200413 |



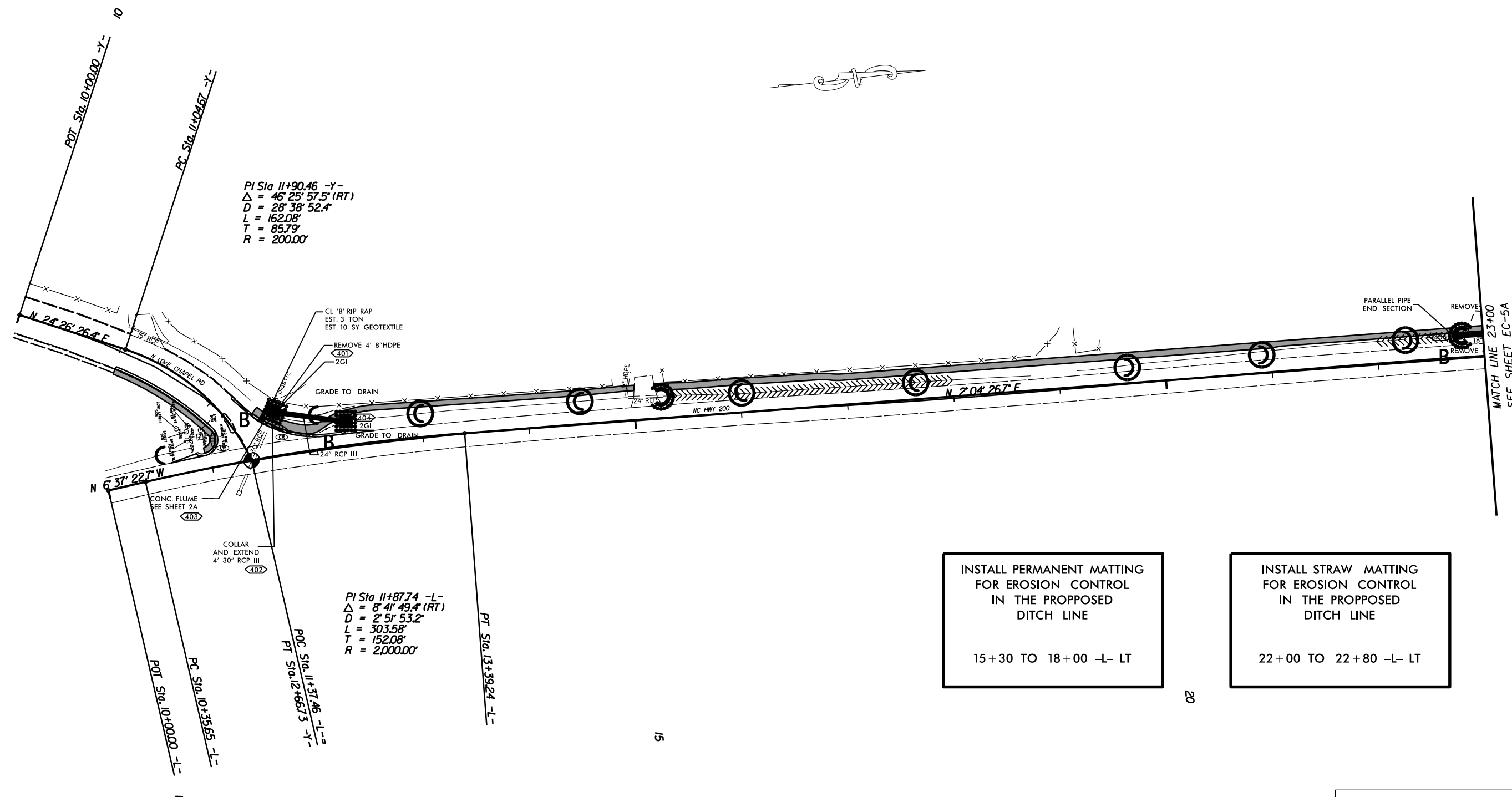
EROSION CONTROL MEASURES MAY BE CHANGED IN FIELD AS DIRECTED BY THE ENGINEER

SIDEWALK ALONG NC 200 FROM
N. LOVE CHAPEL RD. TO
CARMEL DR.

| | | | |
|-----------|--------|--|-----------|
| SCALE | 1"=50' | | REVISIONS |
| DATE | 7-2025 | | |
| DWG. BY | JCB | | |
| DESIGN BY | VSC | | |
| APPROVED | JDH | | |

CONSTRUCTION PHASE

| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3.I | EC-4A |
| F.A. PROJECT NO. | 0200413 |



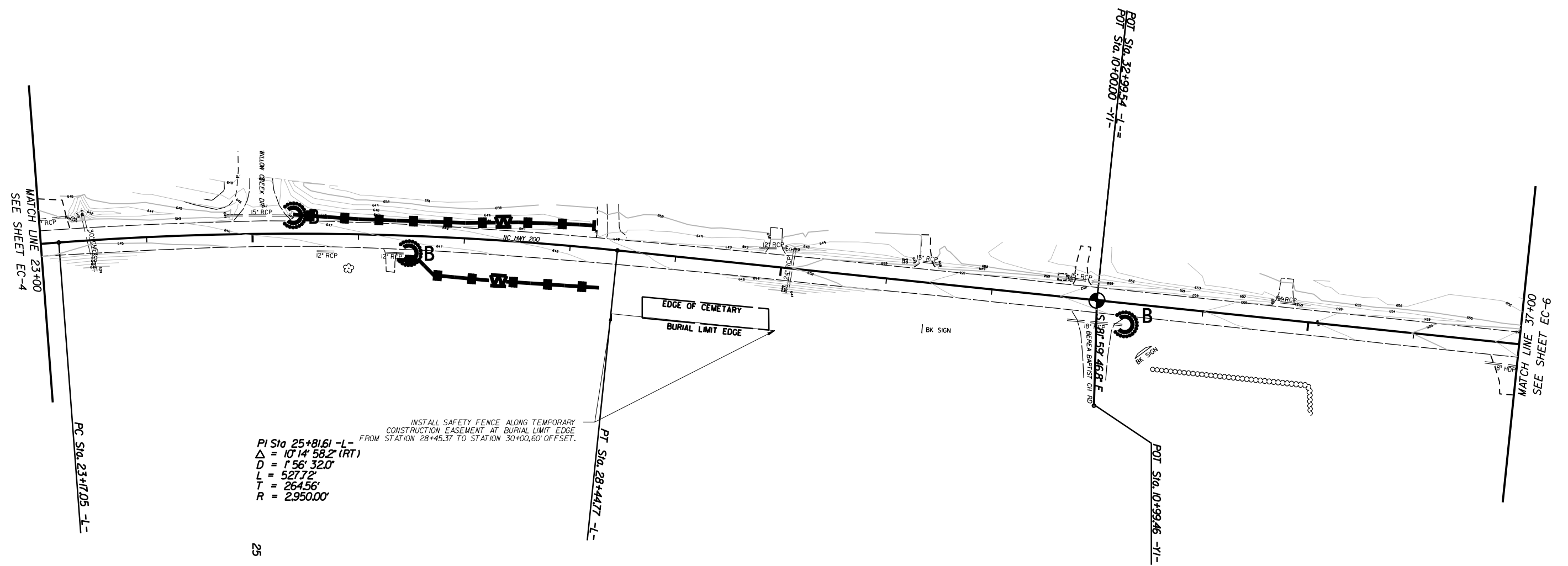
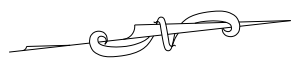
EROSION CONTROL MEASURES MAY BE CHANGED IN FIELD AS DIRECTED BY THE ENGINEER

SIDEWALK ALONG NC 200 FROM
N.LOVE CHAPEL RD. TO
CARMEL DR.

| | | | |
|-----------|--------|--|-----------|
| SCALE | 1"=50' | | REVISIONS |
| DATE | 7-2025 | | |
| DWG. BY | JCB | | |
| DESIGN BY | VSC | | |
| APPROVED | JDH | | |

CLEARING & GRUBBING PHASE

| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3.I | EC-5 |
| F.A. PROJECT NO. | 0200413 |



25

30

35

EROSION CONTROL MEASURES MAY BE CHANGED
IN FIELD AS DIRECTED BY THE ENGINEER

SIDEWALK ALONG NC 200 FROM
N.LOVE CHAPEL RD. TO
CARMEL DR.

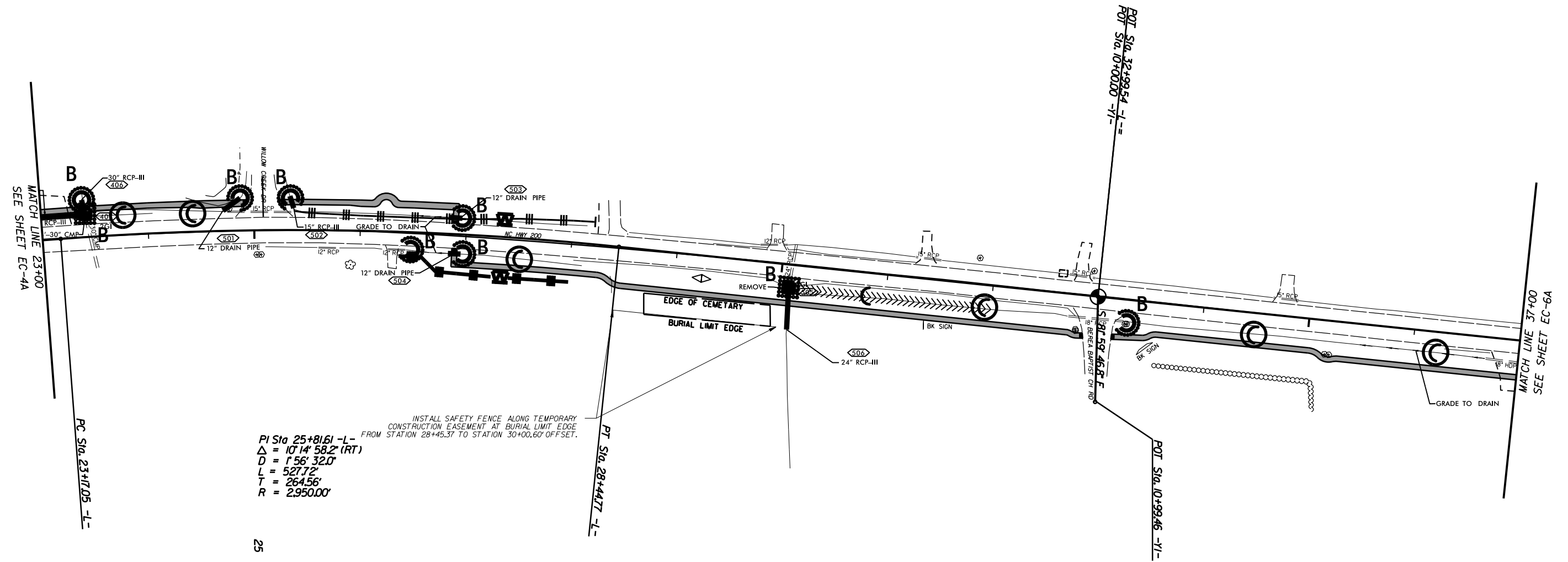
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|-----------|--------|
| SCALE | 1"=50' |
| DATE | 7-2025 |
| DWG. BY | JCB |
| DESIGN BY | VSC |
| APPROVED | JDH |



| REVISIONS | |
|-----------|--|
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CONSTRUCTION PHASE

| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3.I | EC-5A |
| F.A. PROJECT NO. | 0200413 |



PI Sta 25+81.61 -L-
 $\Delta = 10^{\circ} 14' 58.2''$ (RT)
 $D = 156' 32.0''$
 $L = 527.72'$
 $T = 264.56'$
 $R = 2950.00'$

INSTALL SAFETY FENCE ALONG TEMPORARY
 CONSTRUCTION EASEMENT AT BURIAL LIMIT EDGE
 FROM STATION 28+45.37 TO STATION 30+00.60' OFFSET.

EROSION CONTROL MEASURES MAY BE CHANGED
IN FIELD AS DIRECTED BY THE ENGINEER

INSTALL STRAW MATTING
 FOR EROSION CONTROL
 IN THE PROPOSED
 DITCH LINE

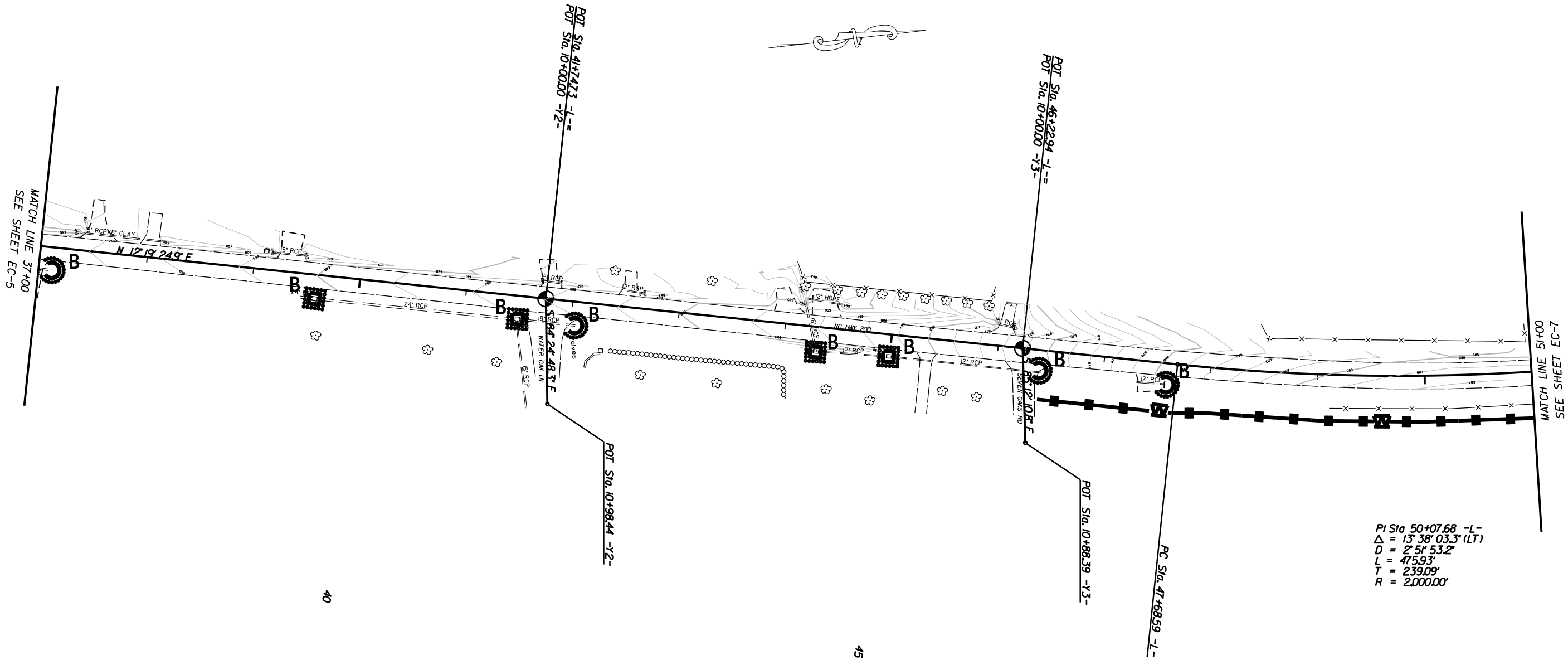
 30+10 TO 32+00 -L- RT

SIDEWALK ALONG NC 200 FROM
N.LOVE CHAPEL RD. TO
CARMEL DR.

| | | | |
|-----------|--------|--|-----------|
| SCALE | 1"=50' | | REVISIONS |
| DATE | 7-2025 | | |
| DWG. BY | VSC | | |
| DESIGN BY | VSC | | |
| APPROVED | JDH | | |

CLEARING & GRUBBING PHASE

| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3.I | EC-6 |
| F.A. PROJECT NO. | 0200413 |



PI Sta 50+07.68 -L-
 $\Delta = 13^{\circ} 38' 03.3''$ (LT)
 $D = 2' 51' 53.2''$
 $L = 475.93'$
 $T = 239.09'$
 $R = 2,000.00'$

EROSION CONTROL MEASURES MAY BE CHANGED
IN FIELD AS DIRECTED BY THE ENGINEER

SIDEWALK ALONG NC 200 FROM
N.LOVE CHAPEL RD.TO
CARMEL DR.

| | |
|-----------|--------|
| SCALE | 1"=50' |
| DATE | 7-2025 |
| DWG. BY | JCB |
| DESIGN BY | VSC |
| APPROVED | JDH |



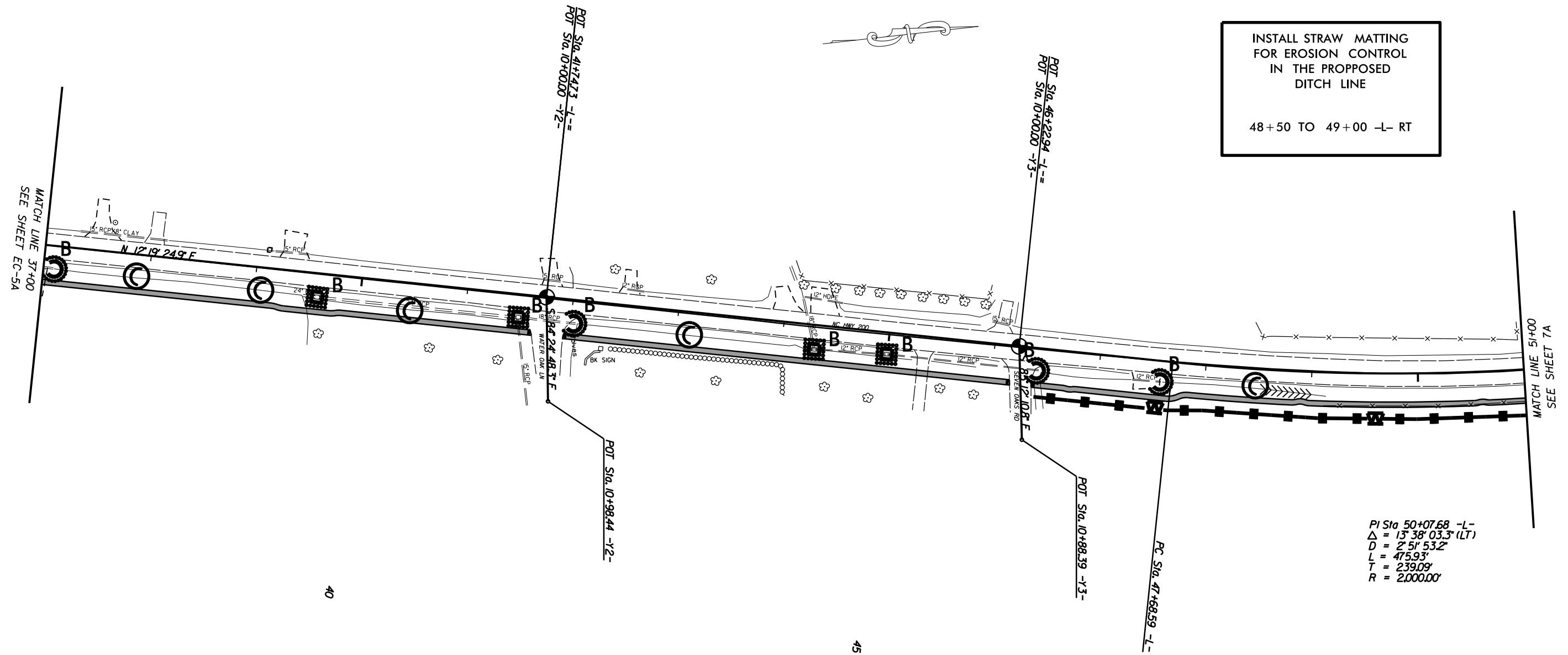
| REVISIONS | |
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CONSTRUCTION PHASE

| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3.I | EC-6A |
| F.A. PROJECT NO. | 0200413 |

INSTALL STRAW MATTING
FOR EROSION CONTROL
IN THE PROPOSED
DITCH LINE


48+50 TO 49+00 -L- RT



PI Sta 50+07.68 -L-
 $\Delta = 13^{\circ} 38' 03.3''$ (LT)
 $D = 2' 51' 53.2''$
 $L = 475.93'$
 $T = 239.09'$
 $R = 2000.00'$

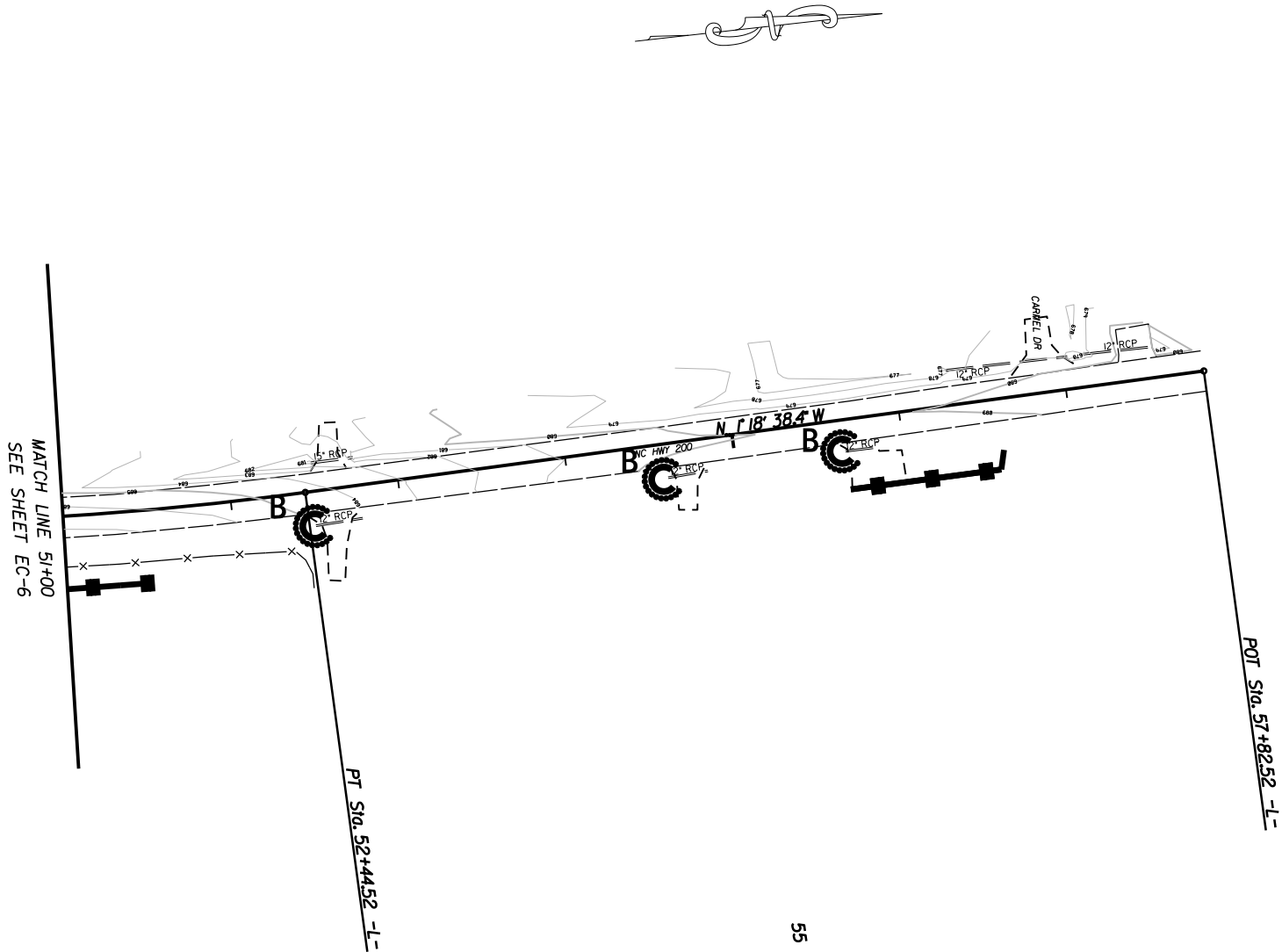
EROSION CONTROL MEASURES MAY BE CHANGED
IN FIELD AS DIRECTED BY THE ENGINEER

SIDEWALK ALONG NC 200 FROM
N.LOVE CHAPEL RD.TO
CARMEL DR.

| | | | |
|-----------|--------|---------------------------------------------------------------------------------------|-----------|
| SCALE | 1"=50' |  | REVISIONS |
| DATE | 7-2025 | | |
| DWG. BY | VSC | | |
| DESIGN BY | VSC | | |
| APPROVED | JDH | | |

CLEARING & GRUBBING PHASE

| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3.I | EC-7 |
| F.A. PROJECT NO. | 0200413 |



55

EROSION CONTROL MEASURES MAY BE CHANGED IN FIELD AS DIRECTED BY THE ENGINEER

SIDEWALK ALONG NC 200 FROM N. LOVE CHAPEL RD. TO CARMEL DR.

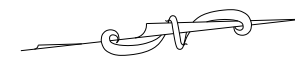
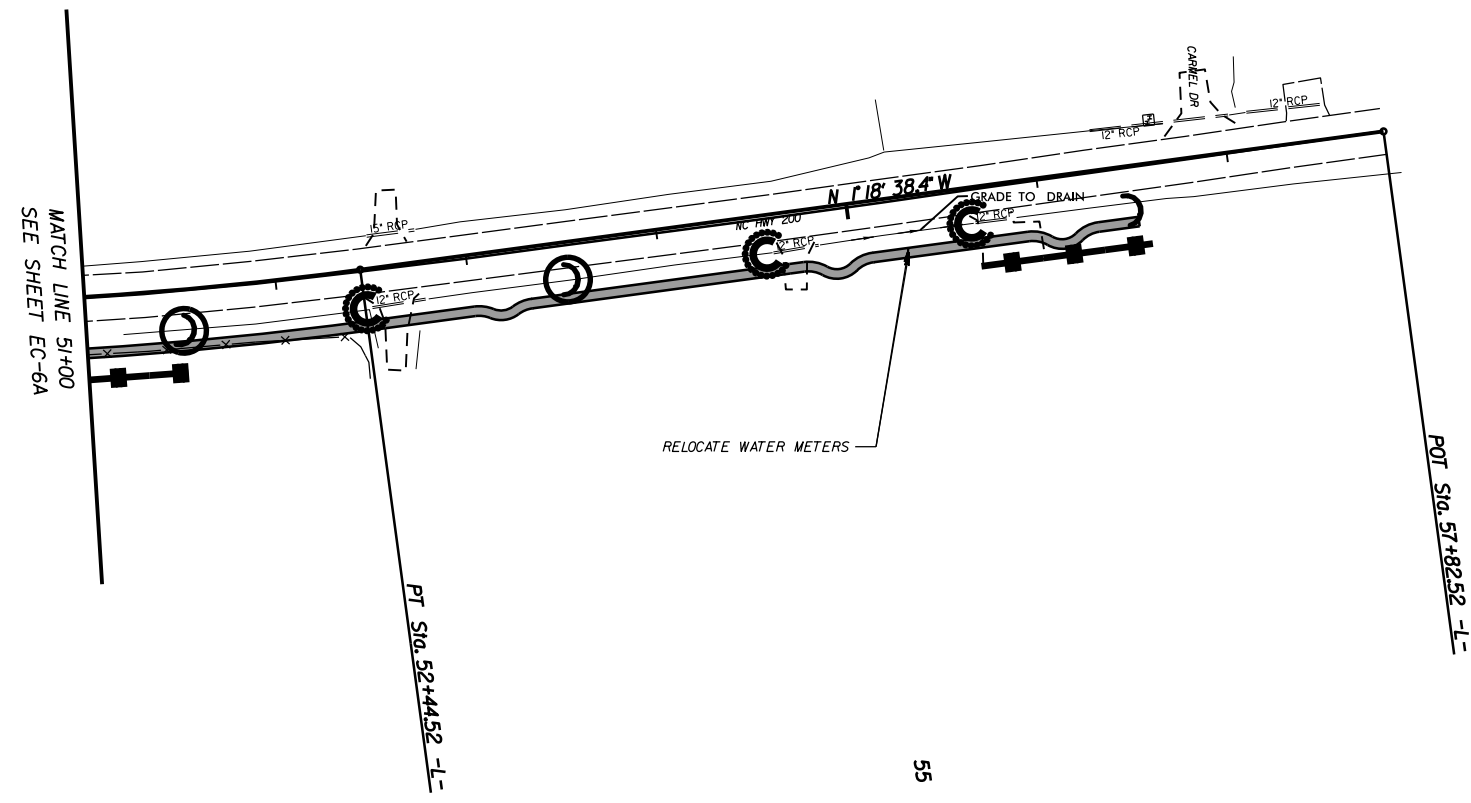
| | |
|-----------|--------|
| SCALE | 1"=50' |
| DATE | 7-2025 |
| DWG. BY | JCB |
| DESIGN BY | VSC |
| APPROVED | JDH |



| REVISIONS | |
|-----------|--|
| | |
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| | |

CONSTRUCTION PHASE

| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3.I | EC-7A |
| F.A. PROJECT NO. | 0200413 |



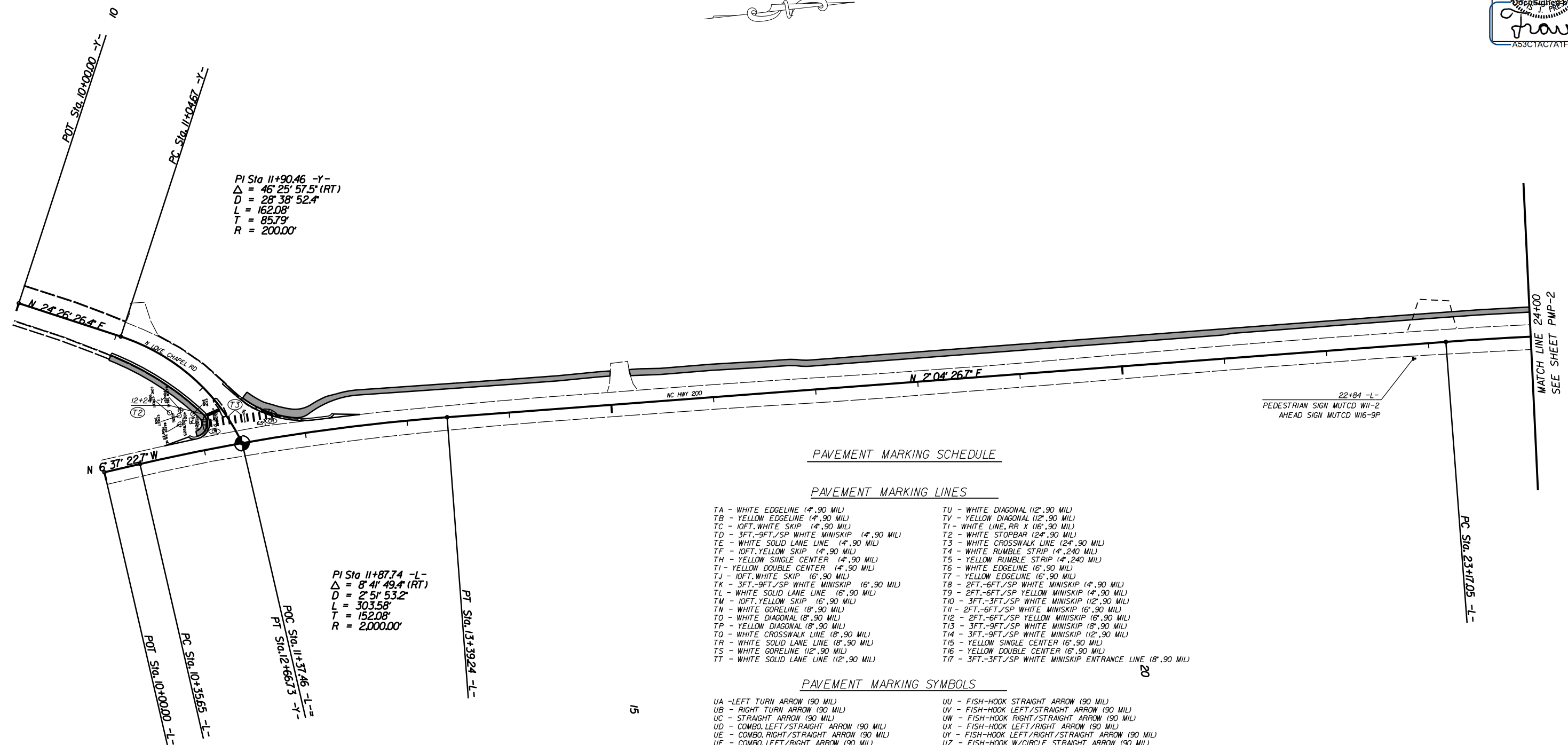
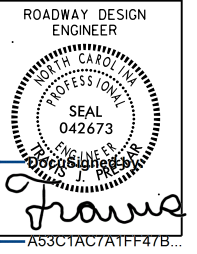
EROSION CONTROL MEASURES MAY BE CHANGED IN FIELD AS DIRECTED BY THE ENGINEER

SIDEWALK ALONG NC 200 FROM N. LOVE CHAPEL RD. TO CARMEL DR.

| | |
|-----------|--------|
| SCALE | 1"=50' |
| DATE | 7-2025 |
| DWG. BY | VSC |
| DESIGN BY | VSC |
| APPROVED | JDH |



| REVISIONS | |
|-----------|--|
| | |
| | |
| | |



PI Sta 11+90.46 -Y-
 $\Delta = 46^{\circ} 25' 57.5''$ (RT)
 $D = 28^{\circ} 38' 52.4''$
 $L = 162.08'$
 $T = 85.79'$
 $R = 200.00'$

PI Sta 11+87.74 -L-
 $\Delta = 8^{\circ} 41' 49.4''$ (RT)
 $D = 2^{\circ} 51' 53.2''$
 $L = 303.58'$
 $T = 152.08'$
 $R = 2,000.00'$

PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING LINES

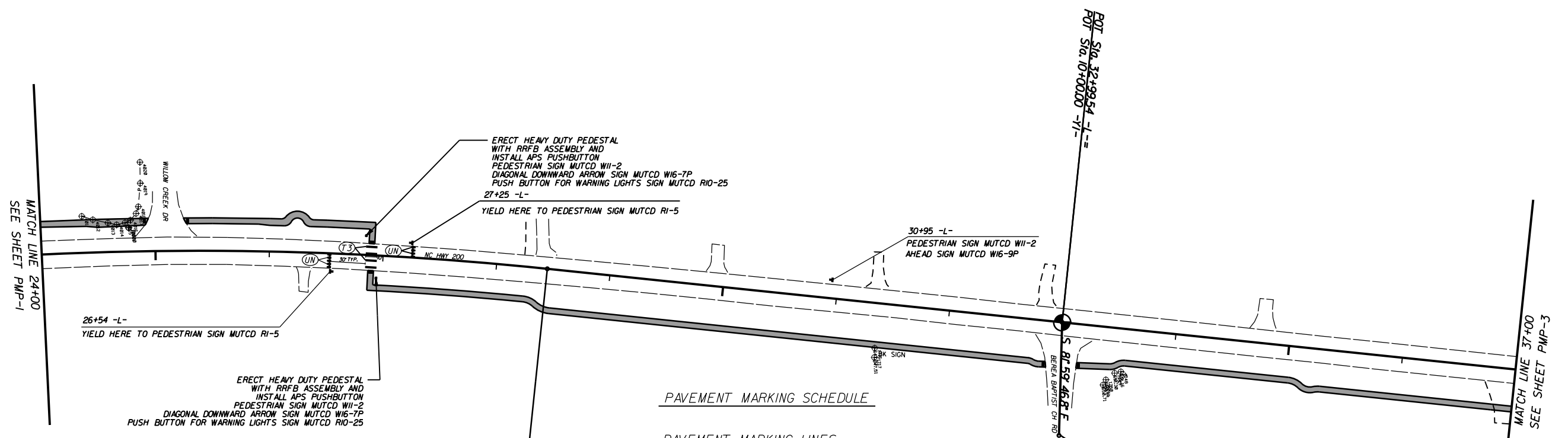
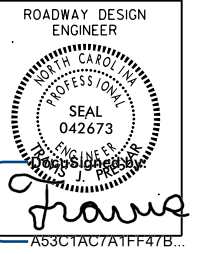
- | | |
|-----------------------------------------------|--------------------------------------------------------------|
| TA - WHITE EDGELINE (4',.90 MIL) | TU - WHITE DIAGONAL (12',.90 MIL) |
| TB - YELLOW EDGELINE (4',.90 MIL) | TV - YELLOW DIAGONAL (12',.90 MIL) |
| TC - 10FT. WHITE SKIP (4',.90 MIL) | TV - WHITE LINE, RR 'X' (16',.90 MIL) |
| TD - 3FT.-9FT./SP WHITE MINISKIP (4',.90 MIL) | T2 - WHITE STOPBAR (24',.90 MIL) |
| TE - WHITE SOLID LANE LINE (4',.90 MIL) | T3 - WHITE CROSSWALK LINE (24',.90 MIL) |
| TF - 10FT. YELLOW SKIP (4',.90 MIL) | T4 - WHITE RUMBLE STRIP (4',.240 MIL) |
| TH - YELLOW SINGLE CENTER (4',.90 MIL) | T5 - YELLOW RUMBLE STRIP (4',.240 MIL) |
| TI - YELLOW DOUBLE CENTER (4',.90 MIL) | T6 - WHITE EDGELINE (6',.90 MIL) |
| TJ - 10FT. WHITE SKIP (6',.90 MIL) | T7 - YELLOW EDGELINE (6',.90 MIL) |
| TK - 3FT.-9FT./SP WHITE MINISKIP (6',.90 MIL) | T8 - 2FT.-6FT./SP WHITE MINISKIP (4',.90 MIL) |
| TL - WHITE SOLID LANE LINE (6',.90 MIL) | T9 - 2FT.-6FT./SP YELLOW MINISKIP (4',.90 MIL) |
| TM - 10FT. YELLOW SKIP (6',.90 MIL) | T10 - 3FT.-3FT./SP WHITE MINISKIP (12',.90 MIL) |
| TN - WHITE GORELINE (8',.90 MIL) | T11 - 2FT.-6FT./SP WHITE MINISKIP (6',.90 MIL) |
| TO - WHITE DIAGONAL (8',.90 MIL) | T12 - 2FT.-6FT./SP YELLOW MINISKIP (6',.90 MIL) |
| TP - YELLOW DIAGONAL (8',.90 MIL) | T13 - 3FT.-9FT./SP WHITE MINISKIP (8',.90 MIL) |
| TQ - WHITE CROSSWALK LINE (8',.90 MIL) | T14 - 3FT.-9FT./SP WHITE MINISKIP (12',.90 MIL) |
| TR - WHITE SOLID LANE LINE (8',.90 MIL) | T15 - YELLOW SINGLE CENTER (6',.90 MIL) |
| TS - WHITE GORELINE (12',.90 MIL) | T16 - YELLOW DOUBLE CENTER (6',.90 MIL) |
| TT - WHITE SOLID LANE LINE (12',.90 MIL) | T17 - 3FT.-3FT./SP WHITE MINISKIP ENTRANCE LINE (8',.90 MIL) |

PAVEMENT MARKING SYMBOLS

- | | |
|------------------------------------------------|------------------------------------------------------------|
| UA - LEFT TURN ARROW (90 MIL) | UU - FISH-HOOK STRAIGHT ARROW (90 MIL) |
| UB - RIGHT TURN ARROW (90 MIL) | UV - FISH-HOOK LEFT/STRAIGHT ARROW (90 MIL) |
| UC - STRAIGHT ARROW (90 MIL) | UW - FISH-HOOK RIGHT/STRAIGHT ARROW (90 MIL) |
| UD - COMBO. LEFT/STRAIGHT ARROW (90 MIL) | UX - FISH-HOOK LEFT/RIGHT ARROW (90 MIL) |
| UE - COMBO. RIGHT/STRAIGHT ARROW (90 MIL) | UY - FISH-HOOK LEFT/RIGHT/STRAIGHT ARROW (90 MIL) |
| UF - COMBO. LEFT/RIGHT ARROW (90 MIL) | UZ - FISH-HOOK W/CIRCLE STRAIGHT ARROW (90 MIL) |
| UG - COMBO. LEFT/RIGHT/STRAIGHT ARROW (90 MIL) | |
| UH - HANDICAP PARKING (90 MIL) | YA - FISH-HOOK W/CIRCLE LEFT ARROW (90 MIL) |
| UI - ALPHANUMERIC CHAR. (90 MIL) | YB - FISH-HOOK W/CIRCLE LEFT/STRAIGHT ARROW (90 MIL) |
| UJ - BICYCLE SYMBOL (90 MIL) | YC - FISH-HOOK W/CIRCLE LEFT/RIGHT/STRAIGHT ARROW (90 MIL) |
| UK - BICYCLE STRAIGHT ARROW (90 MIL) | YD - COMBO. LEFT/U-TURN ARROW (90 MIL) |
| UL - BICYCLE CHAR. (90 MIL) | MA - PERMANENT RAISED MARKER (YELLOW & YELLOW) |
| UM - 12" YIELD LINE TRIANGLE (90 MIL) | MB - PERMANENT RAISED MARKER (CRYSTAL & RED) |
| UN - 24" YIELD LINE TRIANGLE (90 MIL) | MC - PERMANENT RAISED MARKER (YELLOW & RED) |
| UO - BICYCLE LEFT ARROW (90 MIL) | MD - PERMANENT RAISED MARKER (YELLOW) |
| UP - MERGE ARROW (90 MIL) | ME - SNOWPLOWABLE MARKER (YELLOW & YELLOW) |
| UQ - RAMP ARROW SYMBOL (90 MIL) | MF - SNOWPLOWABLE MARKER (CRYSTAL & RED) |
| UR - SHARROW (90 MIL) | MG - SNOWPLOWABLE MARKER (YELLOW & RED) |
| US - BICYCLE LOOP DETECTOR (90 MIL) | ML - PERMANENT RAISED MARKER (CRYSTAL & CRYSTAL) |
| UT - U-TURN ARROW (90 MIL) | MO - SNOWPLOWABLE MARKER (CRYSTAL & CRYSTAL) |

SIDEWALK ALONG NC 200 FROM
N. LOVE CHAPEL RD. TO
CARMEL DR.

| | | | |
|-----------|--------|--|-----------|
| SCALE | 1"=50' | | REVISIONS |
| DATE | 7-2025 | | |
| DWG. BY | VSC | | |
| DESIGN BY | VSC | | |
| APPROVED | JDH | | |



MATCH LINE 24+00
SEE SHEET PMP-1

MATCH LINE 37+00
SEE SHEET PMP-3

26+54 -L-
YIELD HERE TO PEDESTRIAN SIGN MUTCD RI-5

ERECT HEAVY DUTY PEDESTAL WITH RRFB ASSEMBLY AND INSTALL APS PUSHBUTTON PEDESTRIAN SIGN MUTCD W11-2 DIAGONAL DOWNWARD ARROW SIGN MUTCD W16-7P PUSH BUTTON FOR WARNING LIGHTS SIGN MUTCD R10-25
27+25 -L-
YIELD HERE TO PEDESTRIAN SIGN MUTCD RI-5

30+95 -L-
PEDESTRIAN SIGN MUTCD W11-2 AHEAD SIGN MUTCD W16-9P

ERECT HEAVY DUTY PEDESTAL WITH RRFB ASSEMBLY AND INSTALL APS PUSHBUTTON PEDESTRIAN SIGN MUTCD W11-2 DIAGONAL DOWNWARD ARROW SIGN MUTCD W16-7P PUSH BUTTON FOR WARNING LIGHTS SIGN MUTCD R10-25

PI Sta 25+81.61 -L-
Δ = 10° 14' 58.2" (RT)
D = 156' 32.0"
L = 527.72'
T = 264.56'
R = 2950.00'

PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING LINES

- | | |
|-----------------------------------------------|--------------------------------------------------------------|
| TA - WHITE EDGELINE (4',.90 MIL) | TU - WHITE DIAGONAL (12',.90 MIL) |
| TB - YELLOW EDGELINE (4',.90 MIL) | TV - YELLOW DIAGONAL (12',.90 MIL) |
| TC - 10FT. WHITE SKIP (4',.90 MIL) | T1 - WHITE LINE, RR X (16',.90 MIL) |
| TD - 3FT.-9FT./SP WHITE MINISKIP (4',.90 MIL) | T2 - WHITE STOPBAR (24',.90 MIL) |
| TE - WHITE SOLID LANE LINE (4',.90 MIL) | T3 - WHITE CROSSWALK LINE (24',.90 MIL) |
| TF - 10FT. YELLOW SKIP (4',.90 MIL) | T4 - WHITE RUMBLE STRIP (4",.240 MIL) |
| TH - YELLOW SINGLE CENTER (4',.90 MIL) | T5 - YELLOW RUMBLE STRIP (4",.240 MIL) |
| TI - YELLOW DOUBLE CENTER (4',.90 MIL) | T6 - WHITE EDGELINE (6',.90 MIL) |
| TJ - 10FT. WHITE SKIP (6',.90 MIL) | T7 - YELLOW EDGELINE (6',.90 MIL) |
| TK - 3FT.-9FT./SP WHITE MINISKIP (6',.90 MIL) | T8 - 2FT.-6FT./SP WHITE MINISKIP (4',.90 MIL) |
| TL - WHITE SOLID LANE LINE (6',.90 MIL) | T9 - 2FT.-6FT./SP YELLOW MINISKIP (4',.90 MIL) |
| TM - 10FT. YELLOW SKIP (6',.90 MIL) | T10 - 3FT.-3FT./SP WHITE MINISKIP (12',.90 MIL) |
| TN - WHITE GORELINE (8',.90 MIL) | T11 - 2FT.-6FT./SP WHITE MINISKIP (6',.90 MIL) |
| TO - WHITE DIAGONAL (8',.90 MIL) | T12 - 2FT.-6FT./SP YELLOW MINISKIP (6',.90 MIL) |
| TP - YELLOW DIAGONAL (8',.90 MIL) | T13 - 3FT.-9FT./SP WHITE MINISKIP (8',.90 MIL) |
| TQ - WHITE CROSSWALK LINE (8',.90 MIL) | T14 - 3FT.-9FT./SP WHITE MINISKIP (12',.90 MIL) |
| TR - WHITE SOLID LANE LINE (8',.90 MIL) | T15 - YELLOW SINGLE CENTER (6',.90 MIL) |
| TS - WHITE GORELINE (12',.90 MIL) | T16 - YELLOW DOUBLE CENTER (6',.90 MIL) |
| TT - WHITE SOLID LANE LINE (8',.90 MIL) | T17 - 3FT.-3FT./SP WHITE MINISKIP ENTRANCE LINE (8',.90 MIL) |

PAVEMENT MARKING SYMBOLS

- | | |
|------------------------------------------------|------------------------------------------------------------|
| UA - LEFT TURN ARROW (90 MIL) | UU - FISH-HOOK STRAIGHT ARROW (90 MIL) |
| UB - RIGHT TURN ARROW (90 MIL) | UV - FISH-HOOK LEFT/STRAIGHT ARROW (90 MIL) |
| UC - STRAIGHT ARROW (90 MIL) | UW - FISH-HOOK RIGHT/STRAIGHT ARROW (90 MIL) |
| UD - COMBO. LEFT/STRAIGHT ARROW (90 MIL) | UX - FISH-HOOK LEFT/RIGHT ARROW (90 MIL) |
| UE - COMBO. RIGHT/STRAIGHT ARROW (90 MIL) | UY - FISH-HOOK LEFT/RIGHT/STRAIGHT ARROW (90 MIL) |
| UF - COMBO. LEFT/RIGHT ARROW (90 MIL) | UZ - FISH-HOOK W/CIRCLE STRAIGHT ARROW (90 MIL) |
| UG - COMBO. LEFT/RIGHT/STRAIGHT ARROW (90 MIL) | YA - FISH-HOOK W/CIRCLE LEFT ARROW (90 MIL) |
| UH - HANDICAP PARKING (90 MIL) | YB - FISH-HOOK W/CIRCLE LEFT/STRAIGHT ARROW (90 MIL) |
| UI - ALPHANUMERIC CHAR. (90 MIL) | YC - FISH-HOOK W/CIRCLE LEFT/RIGHT/STRAIGHT ARROW (90 MIL) |
| UJ - BICYCLE SYMBOL (90 MIL) | YD - COMBO. LEFT/U-TURN ARROW (90 MIL) |
| UK - BICYCLE STRAIGHT ARROW (90 MIL) | MA - PERMANENT RAISED MARKER (YELLOW & YELLOW) |
| UL - BICYCLE CHAR. (90 MIL) | MB - PERMANENT RAISED MARKER (CRYSTAL & RED) |
| UM - 12" YIELD LINE TRIANGLE (90 MIL) | MC - PERMANENT RAISED MARKER (YELLOW & RED) |
| UN - 24" YIELD LINE TRIANGLE (90 MIL) | MD - PERMANENT RAISED MARKER (YELLOW) |
| UO - BICYCLE LEFT ARROW (90 MIL) | ME - SNOWPLOWABLE MARKER (YELLOW & YELLOW) |
| UP - MERGE ARROW (90 MIL) | MF - SNOWPLOWABLE MARKER (CRYSTAL & RED) |
| UQ - RAMP ARROW SYMBOL (90 MIL) | MG - SNOWPLOWABLE MARKER (YELLOW & RED) |
| UR - SHARROW (90 MIL) | ML - PERMANENT RAISED MARKER (CRYSTAL & CRYSTAL) |
| US - BICYCLE LOOP DETECTOR (90 MIL) | MO - SNOWPLOWABLE MARKER (CRYSTAL & CRYSTAL) |
| UT - U-TURN ARROW (90 MIL) | |

25

35

SIDEWALK ALONG NC 200 FROM
N. LOVE CHAPEL RD. TO
CARMEL DR.

| | |
|-----------|--------|
| SCALE | 1"=50' |
| DATE | 7-2025 |
| DWG. BY | VSC |
| DESIGN BY | VSC |
| APPROVED | JDH |

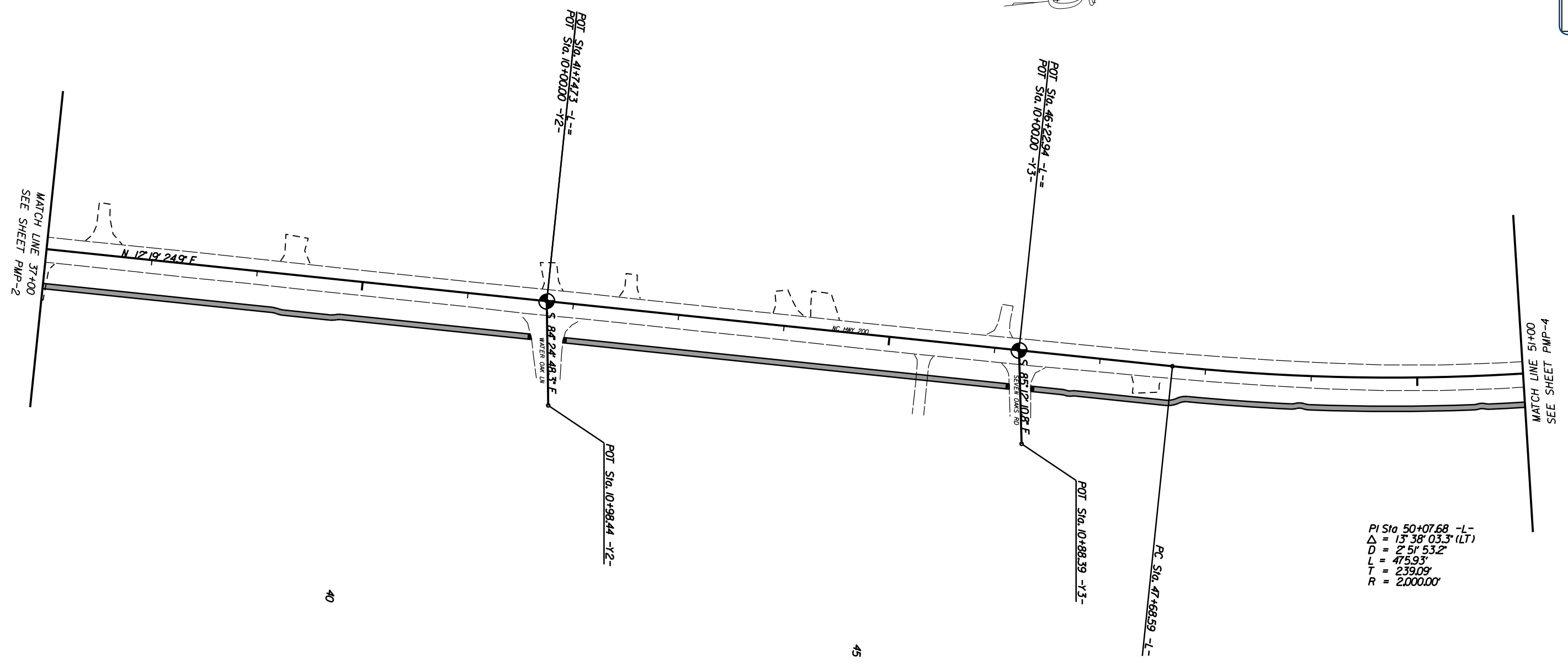


| REVISIONS | |
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|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3.I | PMP-3 |
| F.A. PROJECT NO. | 0200413 |

ROADWAY DESIGN
ENGINEER

Travis J. Prater



PI Sta 50+07.68 -L-
 $\Delta = 13^{\circ} 38' 03.3\" (LT)$
 $D = 2' 51' 53.2\"$
 $L = 475.93'$
 $T = 239.09'$
 $R = 2,000.00'$

50

40

45

SIDEWALK ALONG NC 200 FROM
LOVE CHAPEL RD. TO
CARMEL DR.

| | |
|-----------|--------|
| SCALE | 1"=50' |
| DATE | 7-2025 |
| DWG. BY | VSC |
| DESIGN BY | VSC |
| APPROVED | JDH |

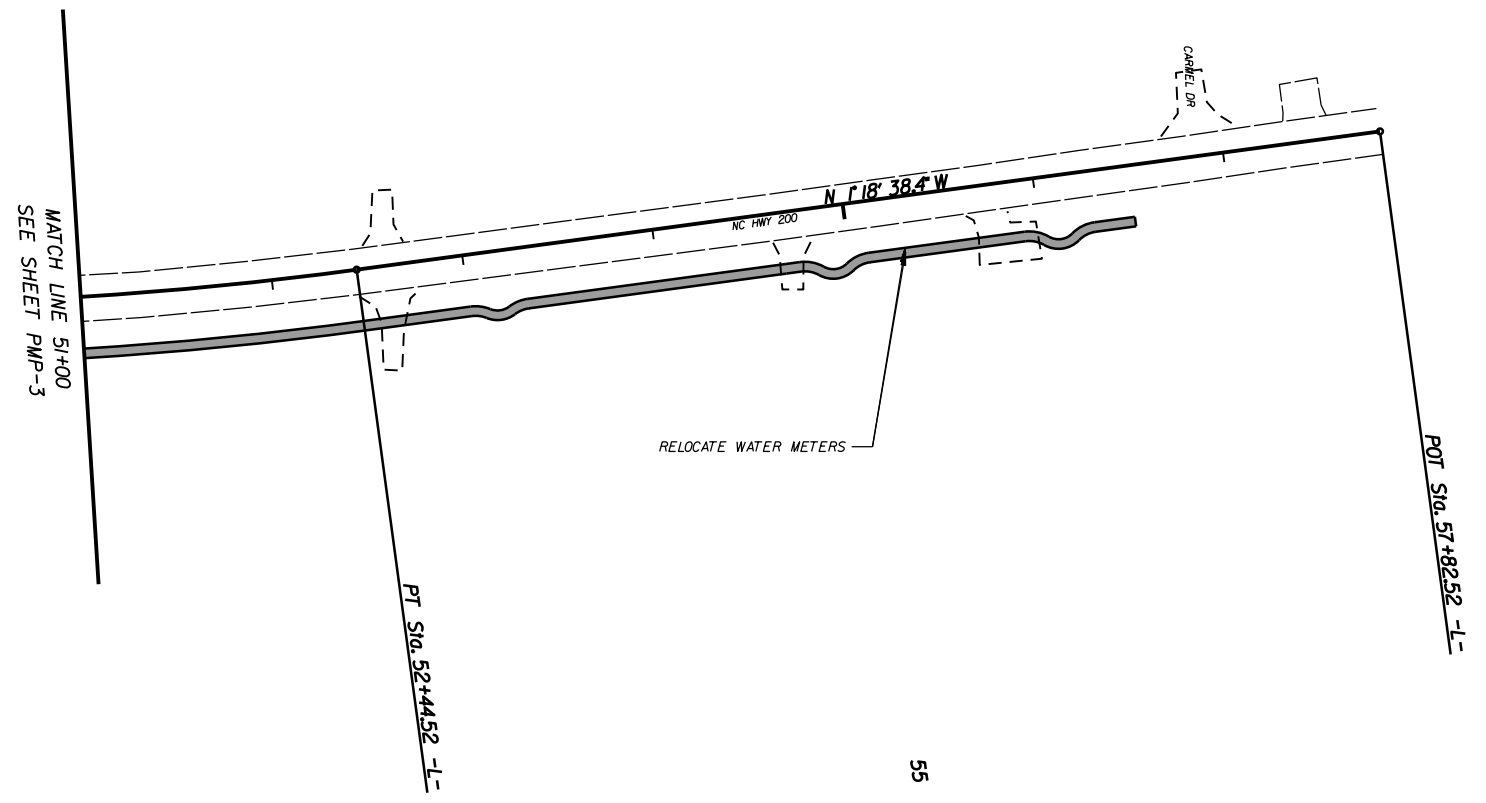
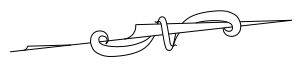


| REVISIONS | |
|-----------|--|
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|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3.I | PMP-4 |
| F.A. PROJECT NO. | 0200413 |

ROADWAY DESIGN ENGINEER

Francis P.



SIDEWALK ALONG NC 200 FROM
N. LOVE CHAPEL RD. TO
CARMEL DR.

| | |
|-----------|--------|
| SCALE | 1"=50' |
| DATE | 7-2025 |
| DWG. BY | VSC |
| DESIGN BY | VSC |
| APPROVED | JDH |



| REVISIONS | |
|-----------|--|
| | |
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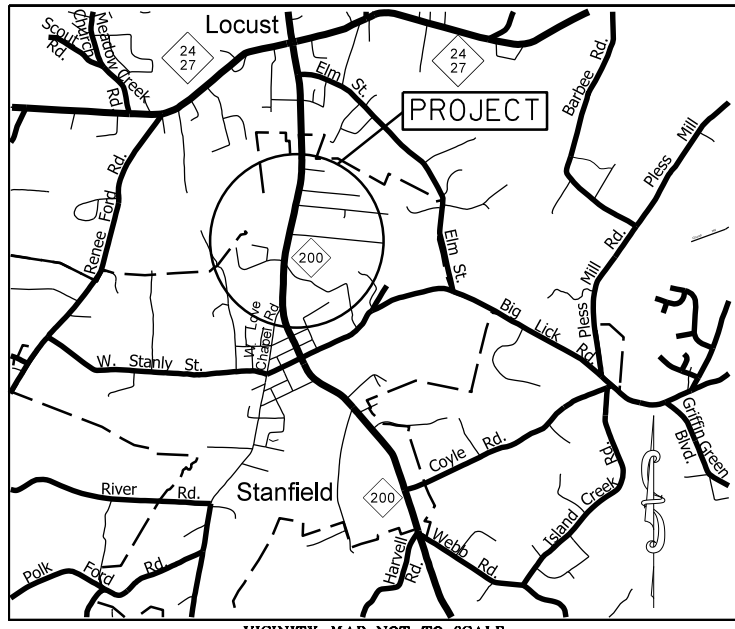
55

09/08/99

18-AUG-2025 16:20 S:\DDC\RDY\Stanly\EB-5857_Sidewalk_Sidewalk_UBO.tsh.dgn \$\$\$USERNAME\$\$\$

TIP: EB-5857

PROJECT:



VICINITY MAP NOT TO SCALE

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

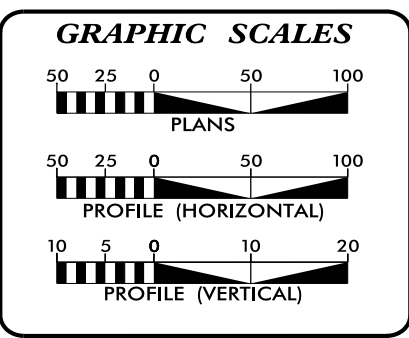
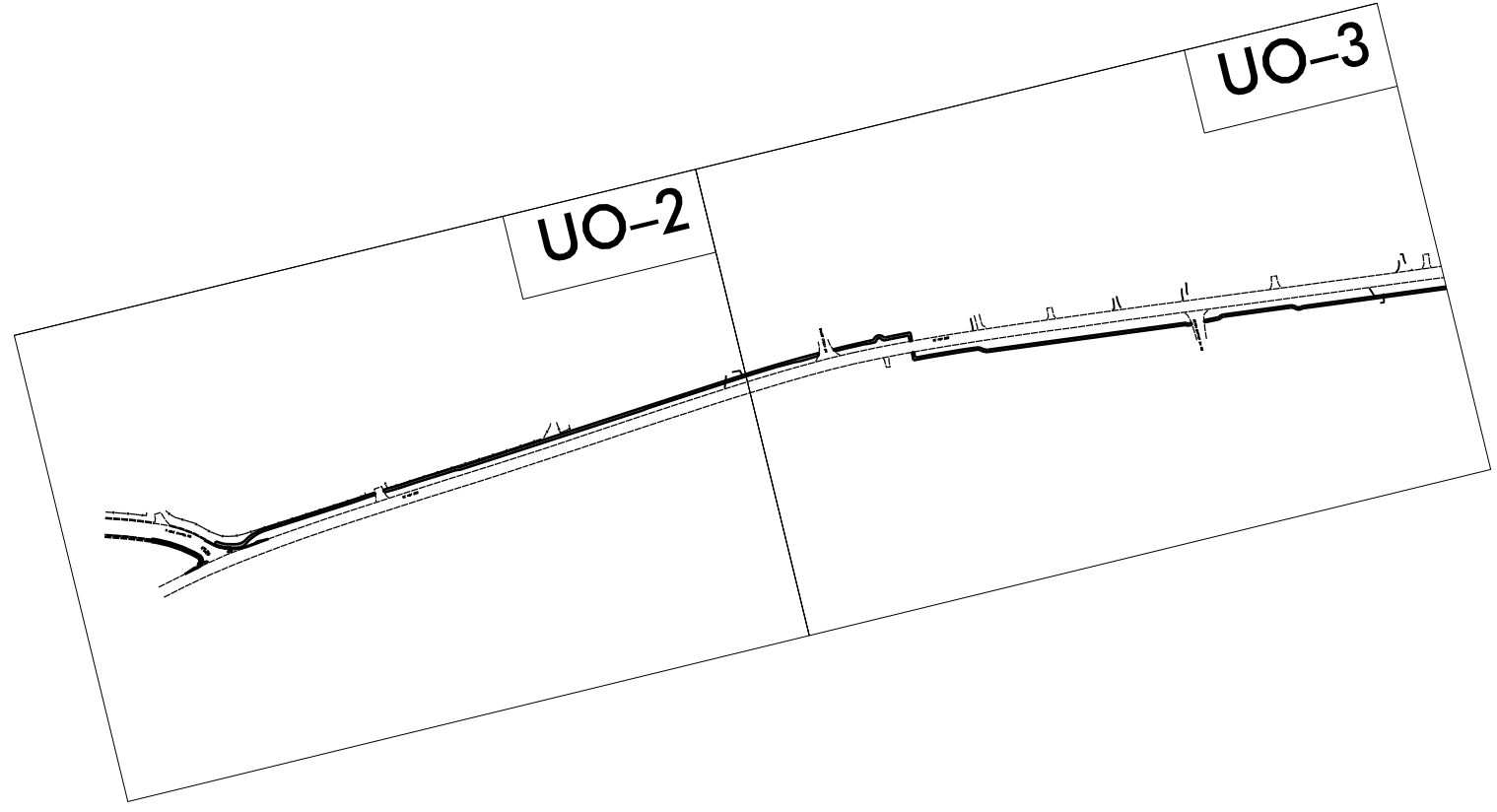
STANLY COUNTY

**LOCATION: NC 200 FROM N. LOVE CHAPEL RD.
TO CARMEL DR. IN STANFIELD**

TYPE OF WORK: UTILITIES BY OTHERS

| | |
|------------|-----------|
| T.I.P. NO. | SHEET NO. |
| EB-5857 | UO-1 |

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



INDEX OF SHEETS


| <u>SHEET NO.:</u> | <u>DESCRIPTION:</u> |
|-------------------|---------------------|
| UO-1 | TITLE SHEET |
| UO-2 TO UO-3 | UBO PLAN SHEETS |

UTILITY OWNERS WITH CONFLICTS

- (A) TELECOMMUNICATIONS - CONTERRA NETWORKS
- (B) TELECOMMUNICATIONS - AT&T
- (C) DISTRIBUTION - DUKE ENERGY

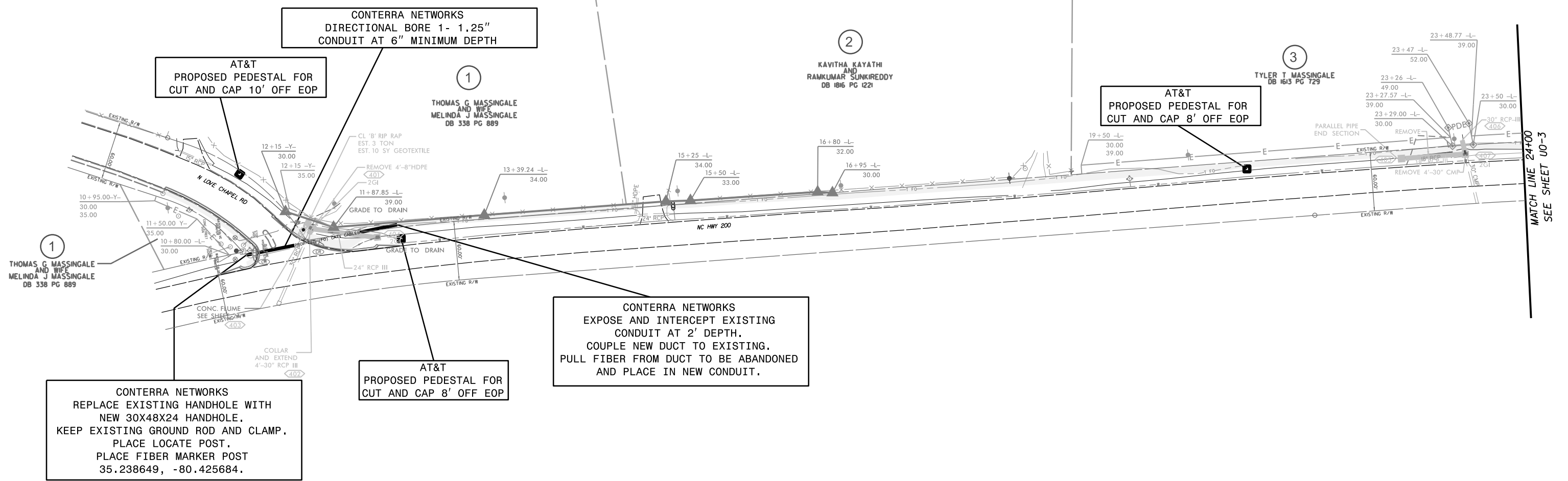
PREPARED IN THE OFFICE OF:

DDC UNIT DIVISION 10
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS



**DIVISION 10
UTILITIES UNIT**
716 W. MAIN ST.
ALBEMARLE, NC 28001
PHONE (704) 983-4400

T LYNN BASINGER UTILITIES ENGINEER
BARRY CARLTON UTILITIES COORDINATOR



MATCH LINE 24+00
SEE SHEET U0-3

CONTRERA NETWORKS
REPLACE EXISTING HANDHOLE WITH
NEW 30X48X24 HANDHOLE.
KEEP EXISTING GROUND ROD AND CLAMP.
PLACE LOCATE POST.
PLACE FIBER MARKER POST
35.238649, -80.425684.


AT&T
PROPOSED PEDESTAL FOR
CUT AND CAP 8' OFF EOP

CONTRERA NETWORKS
EXPOSE AND INTERCEPT EXISTING
CONDUIT AT 2' DEPTH.
COUPLE NEW DUCT TO EXISTING.
PULL FIBER FROM DUCT TO BE ABANDONED
AND PLACE IN NEW CONDUIT.

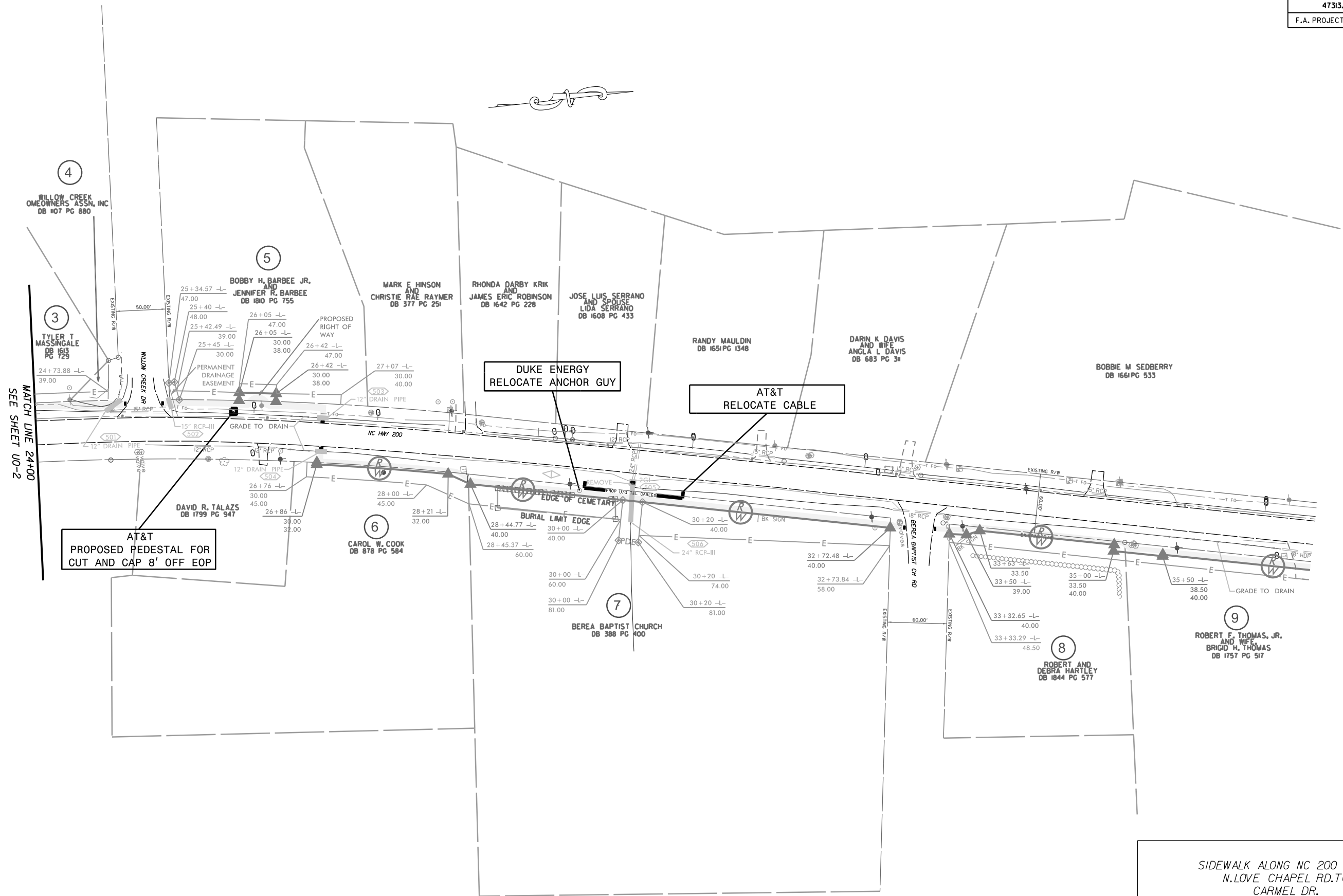
AT&T
PROPOSED PEDESTAL FOR
CUT AND CAP 8' OFF EOP

CONTRERA NETWORKS
DIRECTIONAL BORE 1- 1.25"
CONDUIT AT 6" MINIMUM DEPTH

SIDEWALK ALONG NC 200 FROM
N.LOVE CHAPEL RD.TO
CARMEL DR.


| | | | |
|-----------|--------|---------------------------------------------------------------------------------------|-----------|
| SCALE | 1"=50' |  | REVISIONS |
| DATE | 8-2025 | | |
| DWG. BY | VSC | | |
| DESIGN BY | VSC | | |
| APPROVED | JDH | | |

| | |
|------------------|-----------|
| PROJECT NO. | SHEET NO. |
| 47313.3.I | U0-3 |
| F.A. PROJECT NO. | 0200413 |

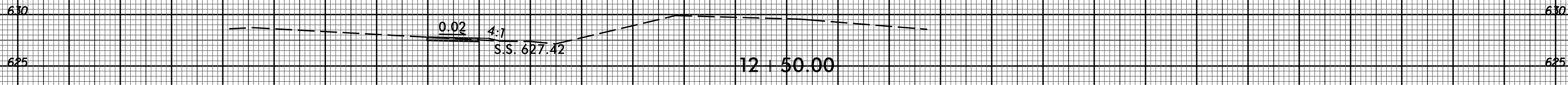
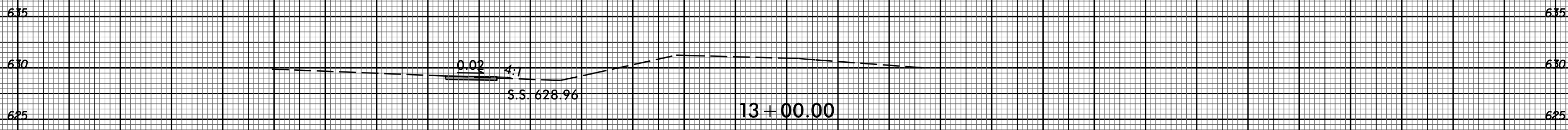
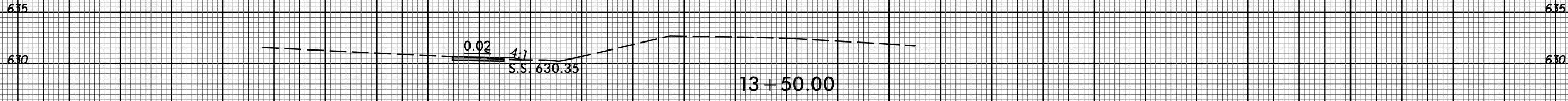
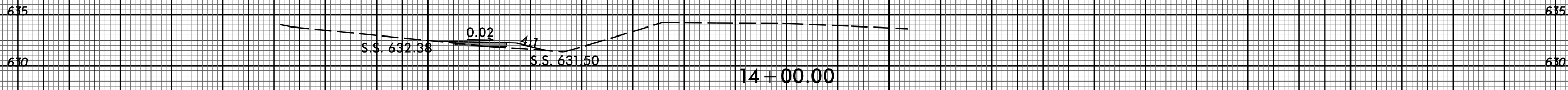


MATCH LINE 24+00
SEE SHEET U0-2

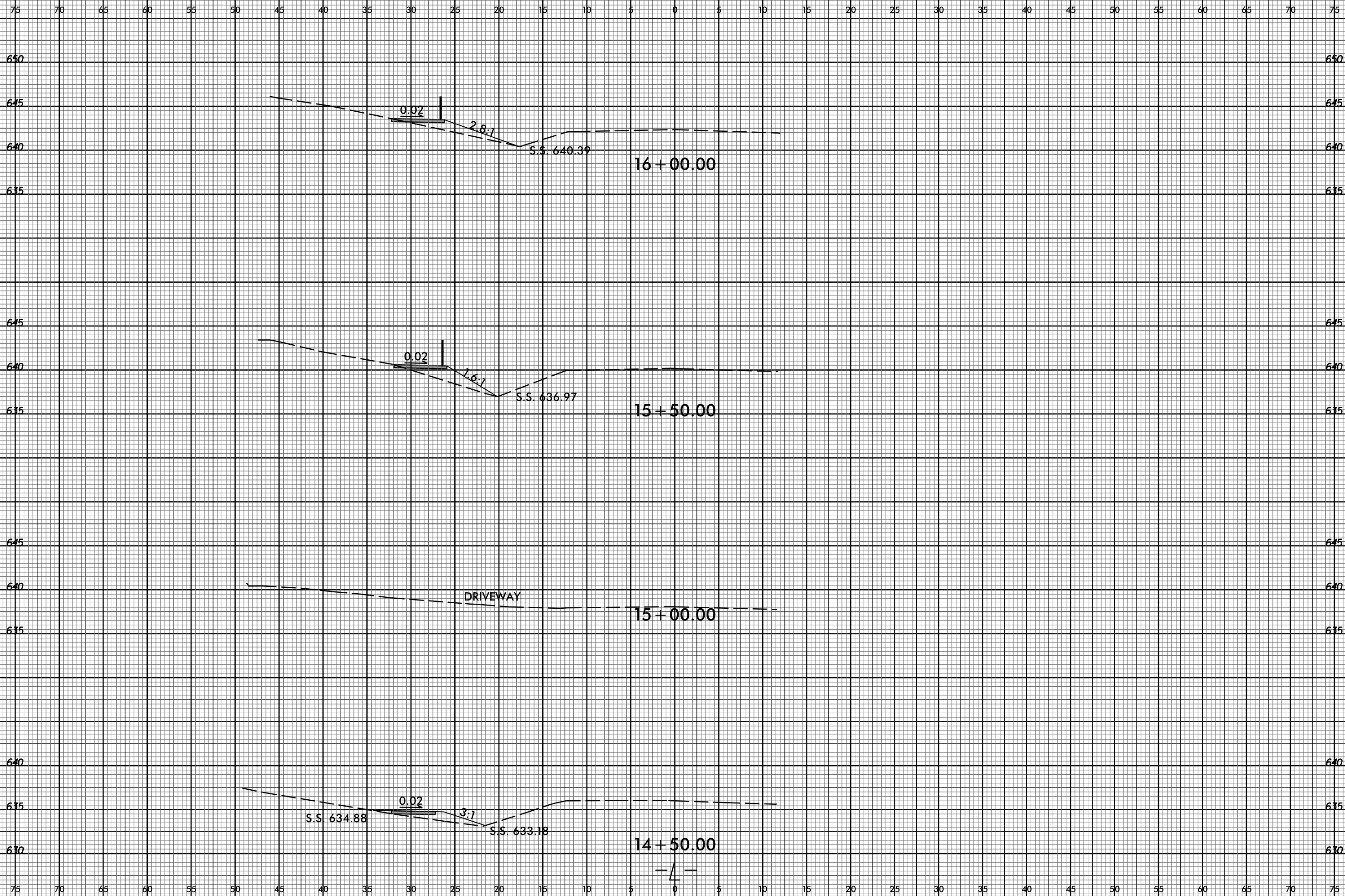
SIDEWALK ALONG NC 200 FROM
N.LOVE CHAPEL RD. TO
CARMEL DR.

| | | | |
|-----------|--------|---------------------------------------------------------------------------------------|-----------|
| SCALE | r=50' |  | REVISIONS |
| DATE | 8-2025 | | |
| DWG. BY | VSC | | |
| DESIGN BY | VSC | | |
| APPROVED | JDH | | |

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75



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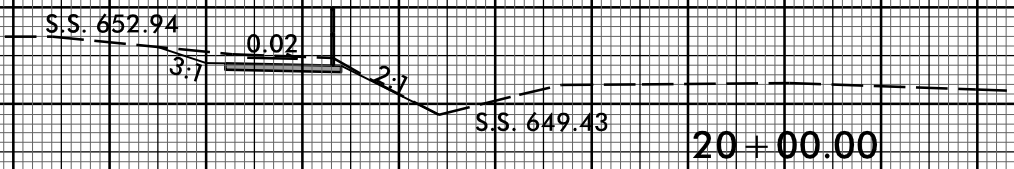
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655 655

650 650

645 645

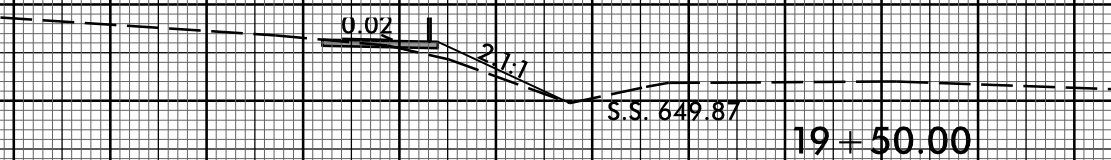


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655 655

650 650

645 645



19+50.00

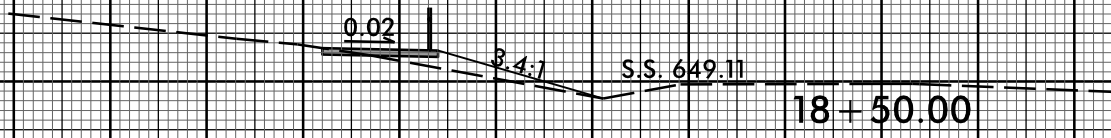
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650 650

655 655

650 650

645 645



18+50.00

DRIVEWAY

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655 655

650 650

645 645

0.02
2.2:1
S.S. 646.28

26 + 00.00

655 655

650 650

645 645

640 640

0.02
3:1
S.S. 645.43

25 + 50.00

650 650

645 645

640 640

WILLOW CREEK DRIVE

25 + 00.00

650 650

645 645

640 640

0.02
2.2:1
2.3:1
S.S. 646.06
643.54

24 + 50.00

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75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

655 655

650 650

645 645

27 + 50.00

S.S. 646.57 4:1 0.02 4:1 S.S. 645.92

655 655

650 650

645 645

27 + 00.00

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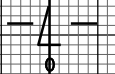
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650 650

645 645

26 + 50.00

0.02 2.5:1 S.S. 646.68





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655 655

650 650

645 645

640 640

29 + 00.00

S.S. 649.00

12.5:1

0.02

4:1

S.S. 644.47

655 655

650 650

645 645

640 640

28 + 50.00

S.S. 648.42

12.5:1

0.02

4:1

S.S. 644.26

655 655

650 650

645 645

640 640

28 + 00.00

S.S. 646.46

0.02

4:1

S.S. 645.56



6/23/16

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

655 655

650 650

645 645

640 640

30 + 50.00

S.S. 647.86

4:1

4:1

0.02

4:1

S.S. 643.94

655 655

650 650

645 645

640 640

30 + 00.00

S.S. 649.55

3:1

4:1

0.02

4:1

S.S. 643.18

655 655

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640 640

29 + 50.00

S.S. 649.32

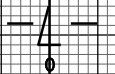
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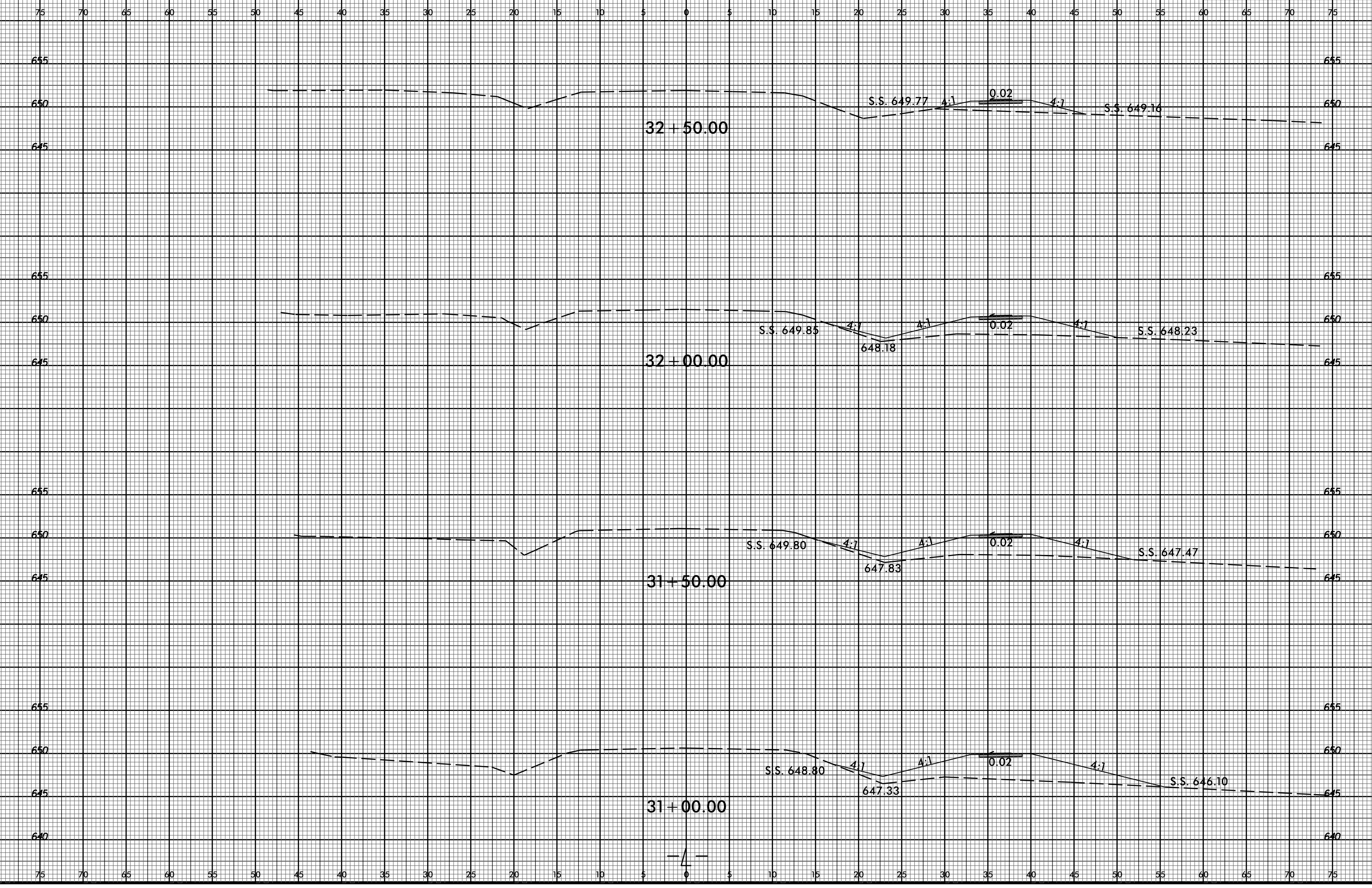
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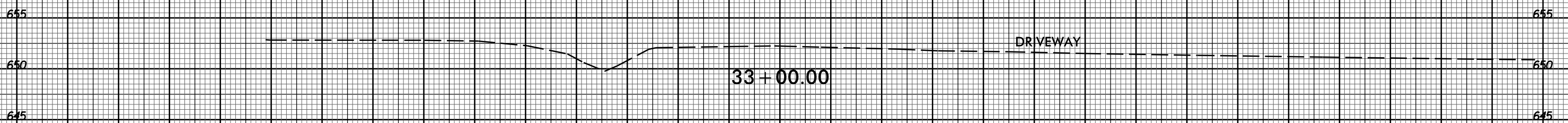
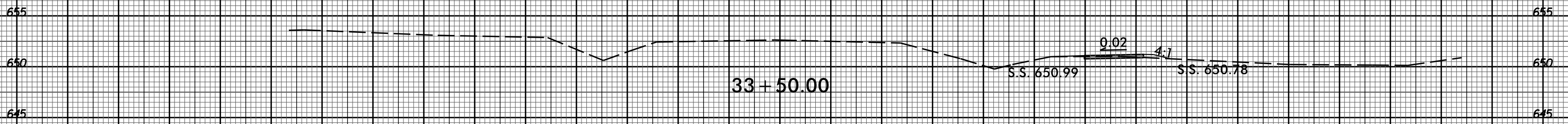
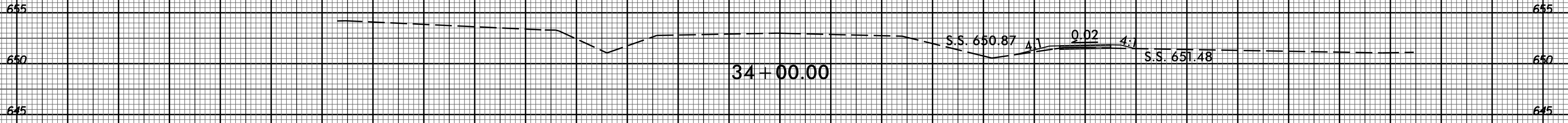
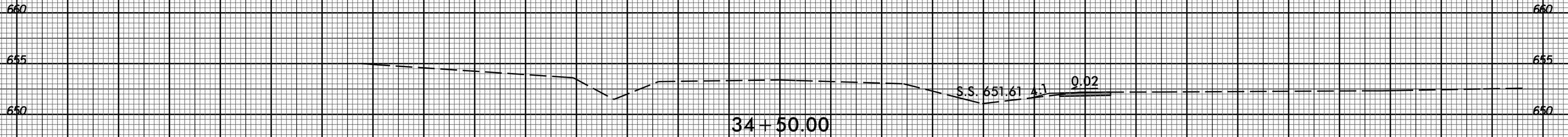
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75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

660 660

655 655

650 650

36 + 50.00

S.S. 655.44 0.02

660 660

655 655

650 650

36 + 00.00

S.S. 654.85 0.02

660 660

655 655

650 650

35 + 50.00

S.S. 654.18 0.02

660 660

655 655

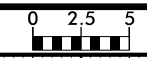
650 650

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S.S. 652.98 4:1 0.02



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75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

665 665

660 660

655 655

38 + 50.00

4:1 0.02 4:1 S.S. 658.30
S.S. 658.54

660 660

655 655

DRIVEWAY

38 + 00.00

S.S. 657.46 4:1 0.02 4:1 S.S. 657.61

660 660

655 655

DRIVEWAY

37 + 50.00

0.02
S.S. 655.44

660 660

655 655

DRIVEWAY 0.01
S.S. 656.16

37 + 00.00

650 650

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75



75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

665 665

660 660

655 655

40 + 50.00

S.S. 659.80 4:1 0.02

665 665

660 660

655 655

40 + 00.00

S.S. 659.30 4:1 0.02 S.S. 660.40

665 665

660 660

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39 + 50.00

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665 665

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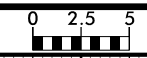
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670 670

665 S.S. 661.84 4.1 0.02 4.1 S.S. 665.15 665

660 42 + 50.00 660

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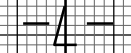
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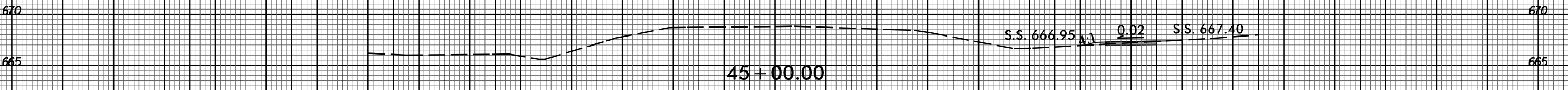
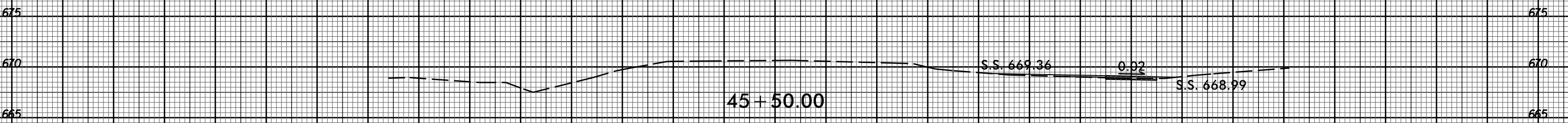
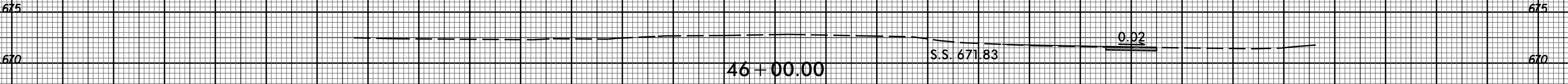
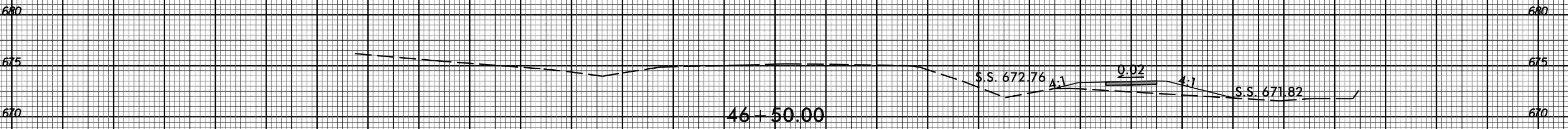
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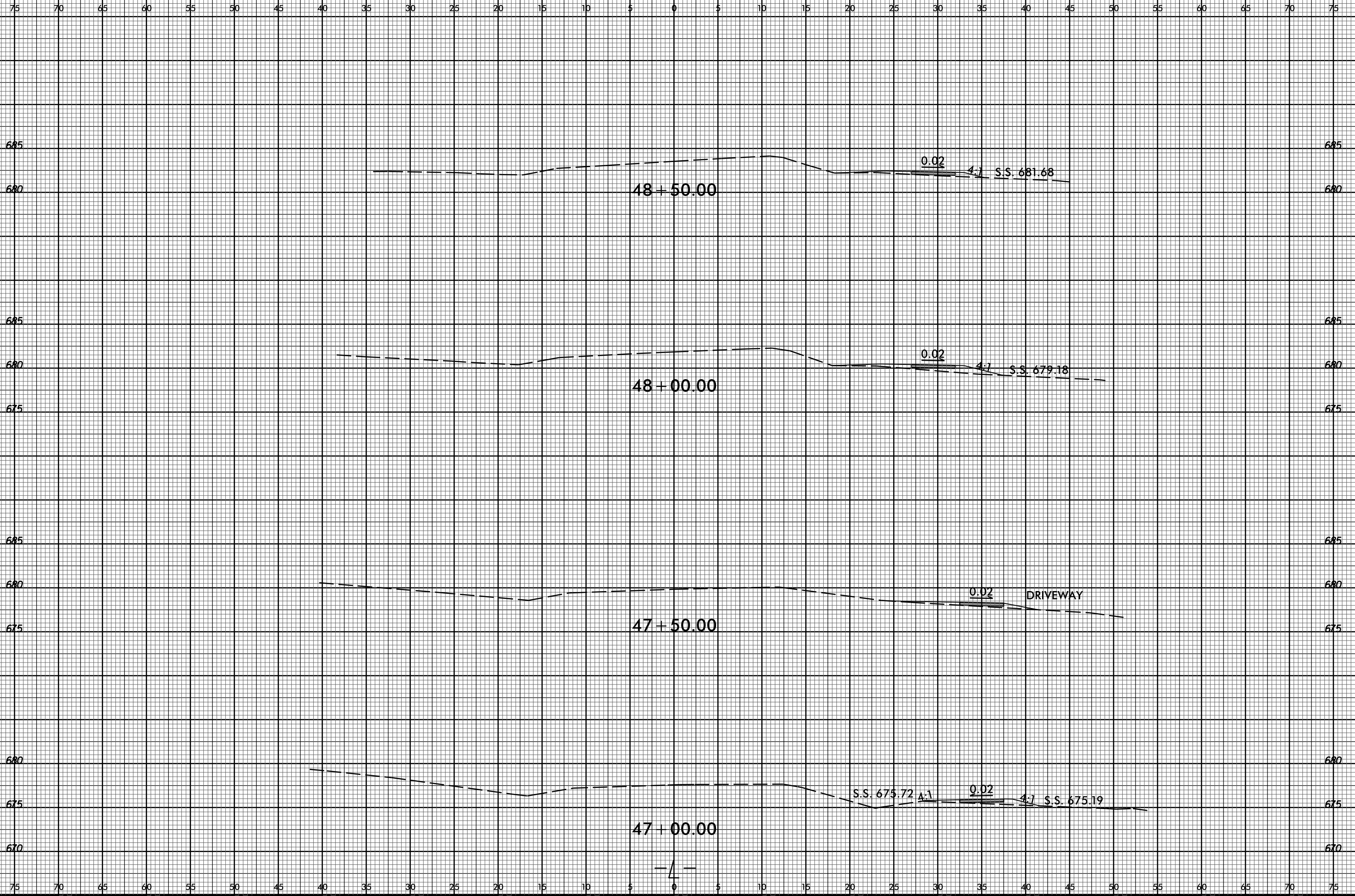
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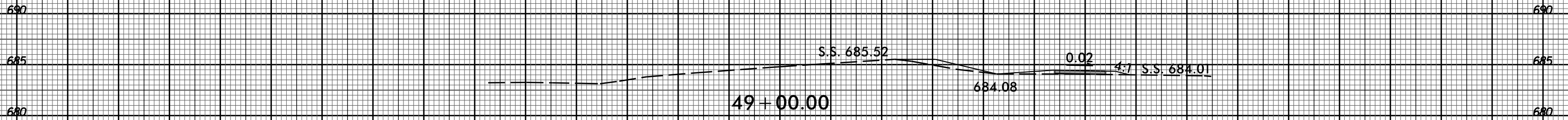
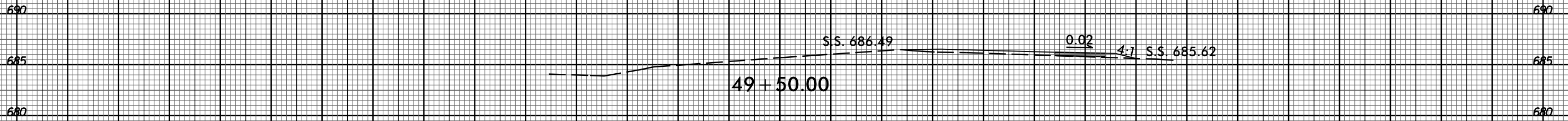
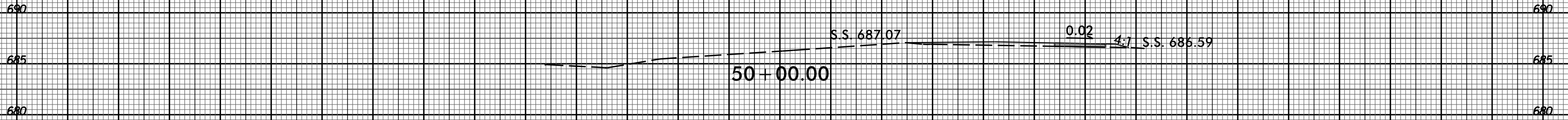
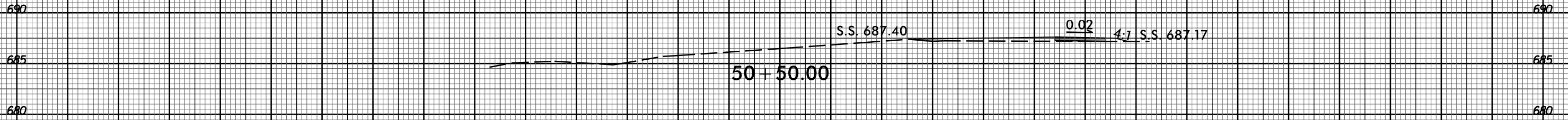
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690 690

685 S.S. 683.65 4:1 0.02 4:1 S.S. 688.73 685

680 52+50.00 680

690 690

685 S.S. 684.89 0.02 S.S. 685.34 685

680 52+00.00 680

690 690

685 S.S. 686.01 0.02 S.S. 686.34 685

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690 690

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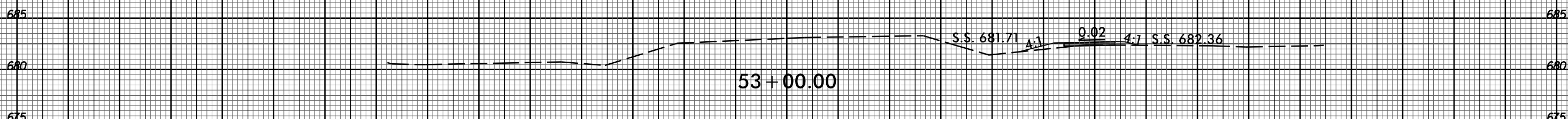
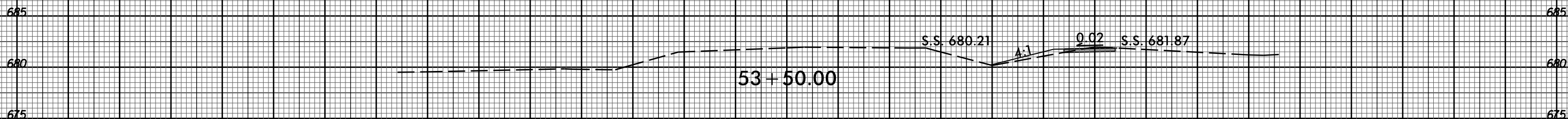
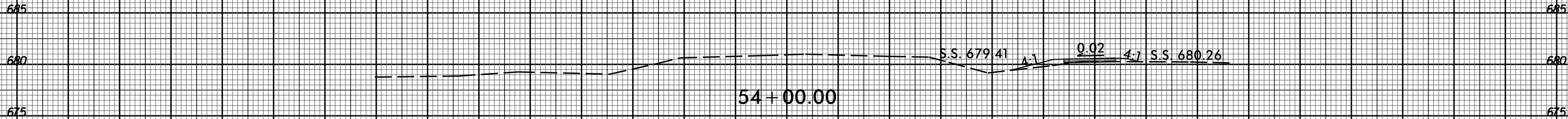
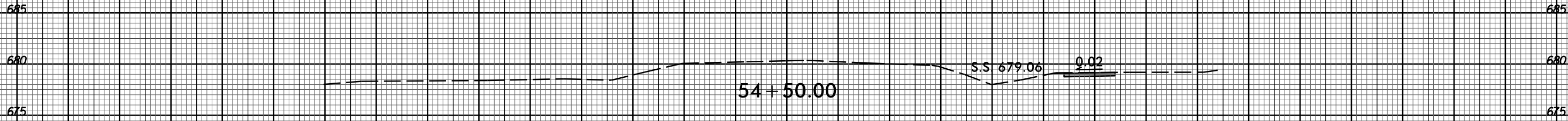
680 51+00.00 680

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75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

685 685

680 680

675 675

56 + 00.00

S.S. 676.74

0.02

4.1

S.S. 678.04

680 680

675 675

55 + 50.00

S.S. 677.92

4.1

0.02

S.S. 678.28

685 685

680 680

675 675

55 + 00.00

S.S. 678.45

0.02

