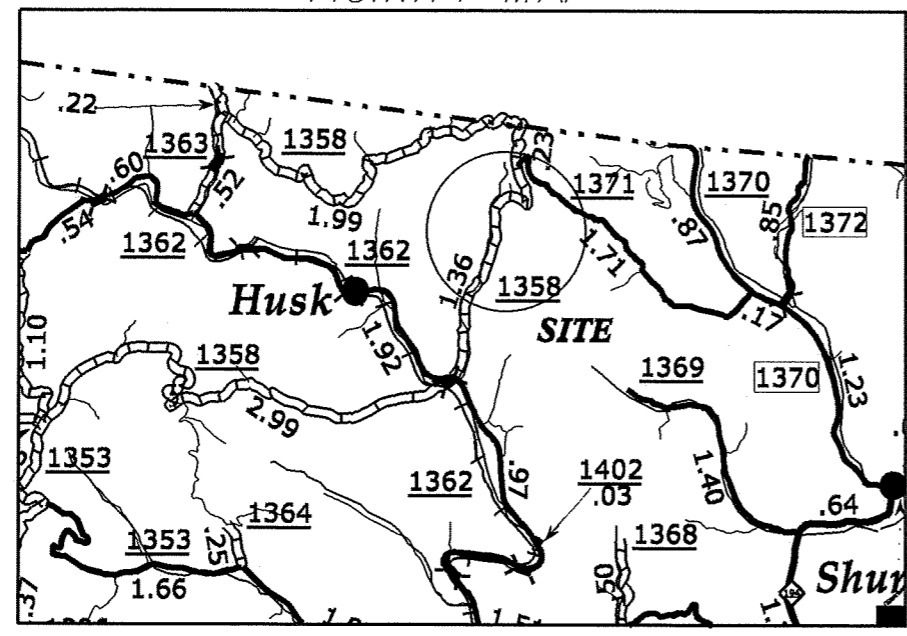


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 aladams AT D:\CAD-251323

CONTRACT: TIP PROJECT:

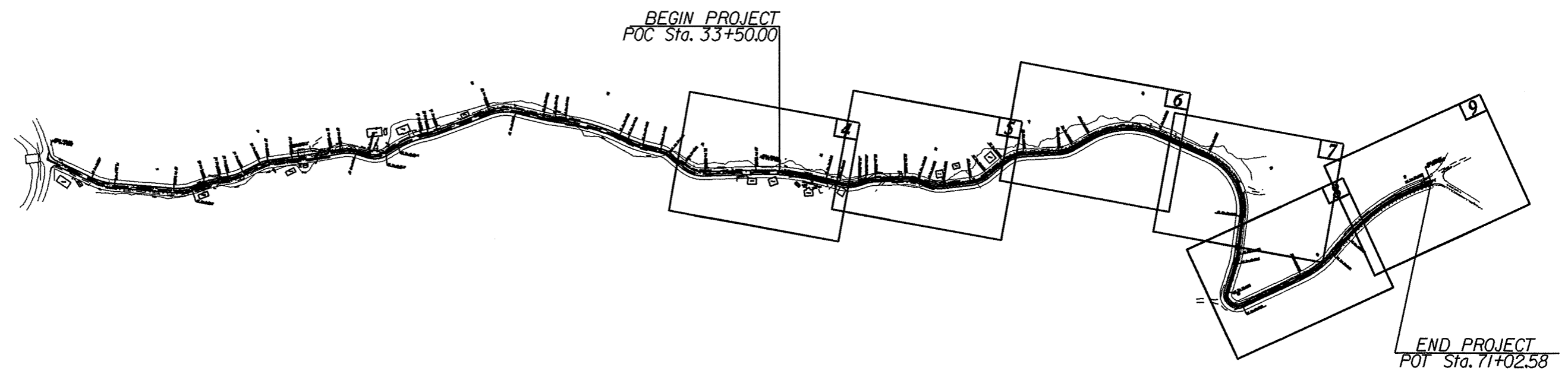
VICINITY MAP



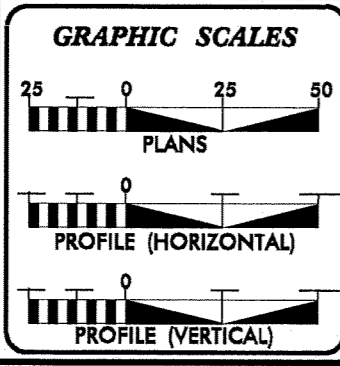
STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
ASHE COUNTY

LOCATION: FROM THE INTERSECTION OF SR 1362 BIG HORSE CREEK
 0.63 MILE TO THE BEGINNING OF PROJECT THEN NORTHEAST 0.71 MILE
 TO THE INTERSECTION OF SR 1371 JOE WEAVER RD.
TYPE OF WORK: GRADE, DRAIN, BASE AND PAVE

| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------------------|--------------|--------------|
| N.C. | 11C.005081 | 1 | 9 |
| STATE PROJ. NO. | F.A. PROJ. NO. | DESCRIPTION | |
| 11C.005081 | | CONSTRUCTION | |
| | | | |
| | | | |
| | | | |
| | | | |



SR 1358E BEAR WALLOW RD.



DESIGN DATA

| | | |
|------------|---|------|
| ADT | = | |
| DHV | = | % |
| D | = | % |
| T | = | % |
| V | = | MPH |
| * TTST | = | DUAL |
| FUNC CLASS | = | |
| | | TIER |

PROJECT LENGTH

| | |
|----------------|-----------|
| PROJECT LENGTH | 0.71 MILE |
|----------------|-----------|

PREPARED IN THE OFFICE OF:

DIVISION OF HIGHWAYS
 709 STATESVILLE RD. NORTH WILKESBORO, NC 28659

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: MICHAEL A. PETTYJOHN, PE
 DIVISION ENGINEER

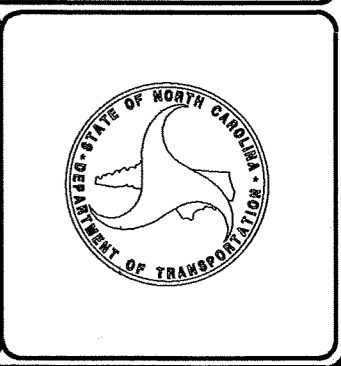
LETTING DATE: DOUG J. TETZLAFF
 DISTRICT ENGINEER

DRAWN BY:

A. L. ADAMS

FIELD WORK:

J.R. HODGES
 A.L. ADAMS
 T.D. HAMILTON



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

Note: Not to Scale

*S.U.E. = Subsurface Utility Engineering

BOUNDARIES AND PROPERTY:

| | |
|--|---------|
| State Line | ----- |
| County Line | ----- |
| Township Line | ----- |
| City Line | ----- |
| Reservation Line | ----- |
| Property Line | ----- |
| Existing Iron Pin | ⊙ |
| Property Corner | ⊗ |
| Property Monument | ⊠ |
| Parcel/Sequence Number | (23) |
| Existing Fence Line | -x-x-x- |
| Proposed Woven Wire Fence | ○ |
| Proposed Chain Link Fence | □ |
| Proposed Barbed Wire Fence | ◇ |
| Existing Wetland Boundary | -v-l-s- |
| Proposed Wetland Boundary | -v-l-s- |
| Existing Endangered Animal Boundary | -e-a-b- |
| Existing Endangered Plant Boundary | -e-p-b- |
| Known Soil Contamination: Area or Site | ☠ |
| Potential Soil Contamination: Area or Site | ☠ |

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 | -j-s- |
| Buffer Zone 1 | -b-z-1- |
| Buffer Zone 2 | -b-z-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:

| | |
|---|-------|
| Baseline Control Point | ◆ |
| Existing Right of Way Marker | △ |
| Existing Right of Way Line | ----- |
| Proposed Right of Way Line | ----- |
| Proposed Right of Way Line with Iron Pin and Cap Marker | ----- |
| Proposed Right of Way Line with Concrete or Granite RW Marker | ----- |
| Proposed Control of Access Line with Concrete C/A Marker | ----- |
| Existing Control of Access | ----- |
| Proposed Control of Access | ----- |
| Existing Easement Line | -E- |
| Proposed Temporary Construction Easement | -E- |
| Proposed Temporary Drainage Easement | -TDE- |
| Proposed Permanent Drainage Easement | -PDE- |
| Proposed Permanent Drainage / Utility Easement | -DUE- |
| Proposed Permanent Utility Easement | -PUE- |
| Proposed Temporary Utility Easement | -TUE- |
| Proposed Aerial Utility Easement | -AUE- |
| Proposed Permanent Easement with Iron Pin and Cap Marker | ◆ |

ROADS AND RELATED FEATURES:

| | |
|----------------------------|-------|
| Existing Edge of Pavement | ----- |
| Existing Curb | ----- |
| Proposed Slope Stakes Cut | -C- |
| Proposed Slope Stakes Fill | -F- |
| 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:

| | |
|-------------------------------------|-------|
| 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 | ⊙ |
| Recorded U/G Power Line | ----- |
| Designated U/G Power Line (S.U.E.*) | ----- |

TELEPHONE:

| | |
|---|-------|
| Existing Telephone Pole | ⊙ |
| Proposed Telephone Pole | ⊙ |
| Telephone Manhole | ⊙ |
| Telephone Booth | ⊠ |
| Telephone Pedestal | ⊠ |
| Telephone Cell Tower | ⊠ |
| U/G Telephone Cable Hand Hole | ⊠ |
| Recorded U/G Telephone Cable | ----- |
| Designated U/G Telephone Cable (S.U.E.*) | ----- |
| Recorded U/G Telephone Conduit | ----- |
| Designated U/G Telephone Conduit (S.U.E.*) | ----- |
| Recorded U/G Fiber Optics Cable | ----- |
| Designated U/G Fiber Optics Cable (S.U.E.*) | ----- |

WATER:

| | |
|-------------------------------------|-------|
| Water Manhole | ⊙ |
| Water Meter | ⊙ |
| Water Valve | ⊙ |
| Water Hydrant | ⊙ |
| Recorded U/G Water Line | ----- |
| Designated U/G Water Line (S.U.E.*) | ----- |
| Above Ground Water Line | ----- |

TV:

| | |
|--|-------|
| TV Satellite Dish | ⊙ |
| TV Pedestal | ⊠ |
| TV Tower | ⊙ |
| U/G TV Cable Hand Hole | ⊠ |
| Recorded U/G TV Cable | ----- |
| Designated U/G TV Cable (S.U.E.*) | ----- |
| Recorded U/G Fiber Optic Cable | ----- |
| Designated U/G Fiber Optic Cable (S.U.E.*) | ----- |

GAS:

| | |
|-----------------------------------|-------|
| Gas Valve | ⊙ |
| Gas Meter | ⊙ |
| Recorded U/G Gas Line | ----- |
| Designated U/G Gas Line (S.U.E.*) | ----- |
| Above Ground Gas Line | ----- |

SANITARY SEWER:

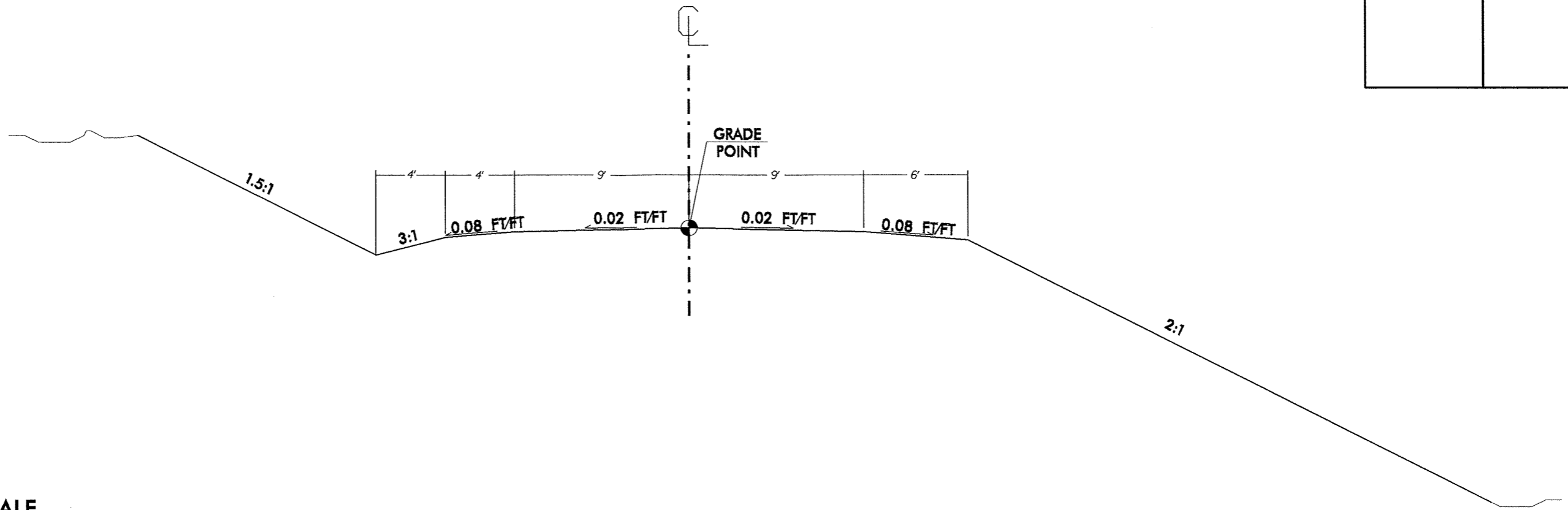
| | |
|--|-------|
| Sanitary Sewer Manhole | ⊙ |
| Sanitary Sewer Cleanout | ⊙ |
| U/G Sanitary Sewer Line | ----- |
| Above Ground Sanitary Sewer | ----- |
| Recorded SS Forced Main Line | ----- |
| Designated SS Forced Main Line (S.U.E.*) | ----- |

MISCELLANEOUS:

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

| | |
|-------------------------------------|---------------------|
| PROJECT REFERENCE NO. 11C.005081 | SHEET NO. 3 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |

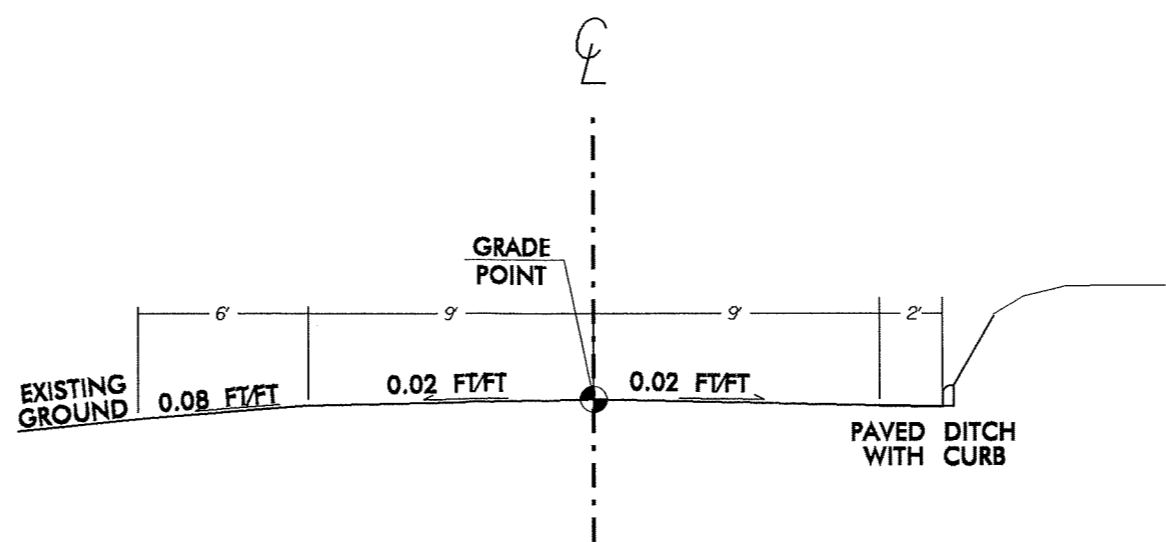
PROPOSED TYPICAL



NOT TO SCALE

PROPOSED TYPICAL #2

FROM STATION 33+90.00 TO STATION 36+00.00 RIGHT SIDE

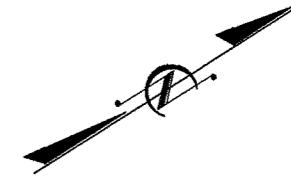


NOT TO SCALE

REVISIONS

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| | |
|-------------------------------------|---------------------|
| PROJECT REFERENCE NO. 11C.005081 | SHEET NO. 4 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |



SECOND PHASE OF PROJECT

MATCH LINE SEE SHEET 5

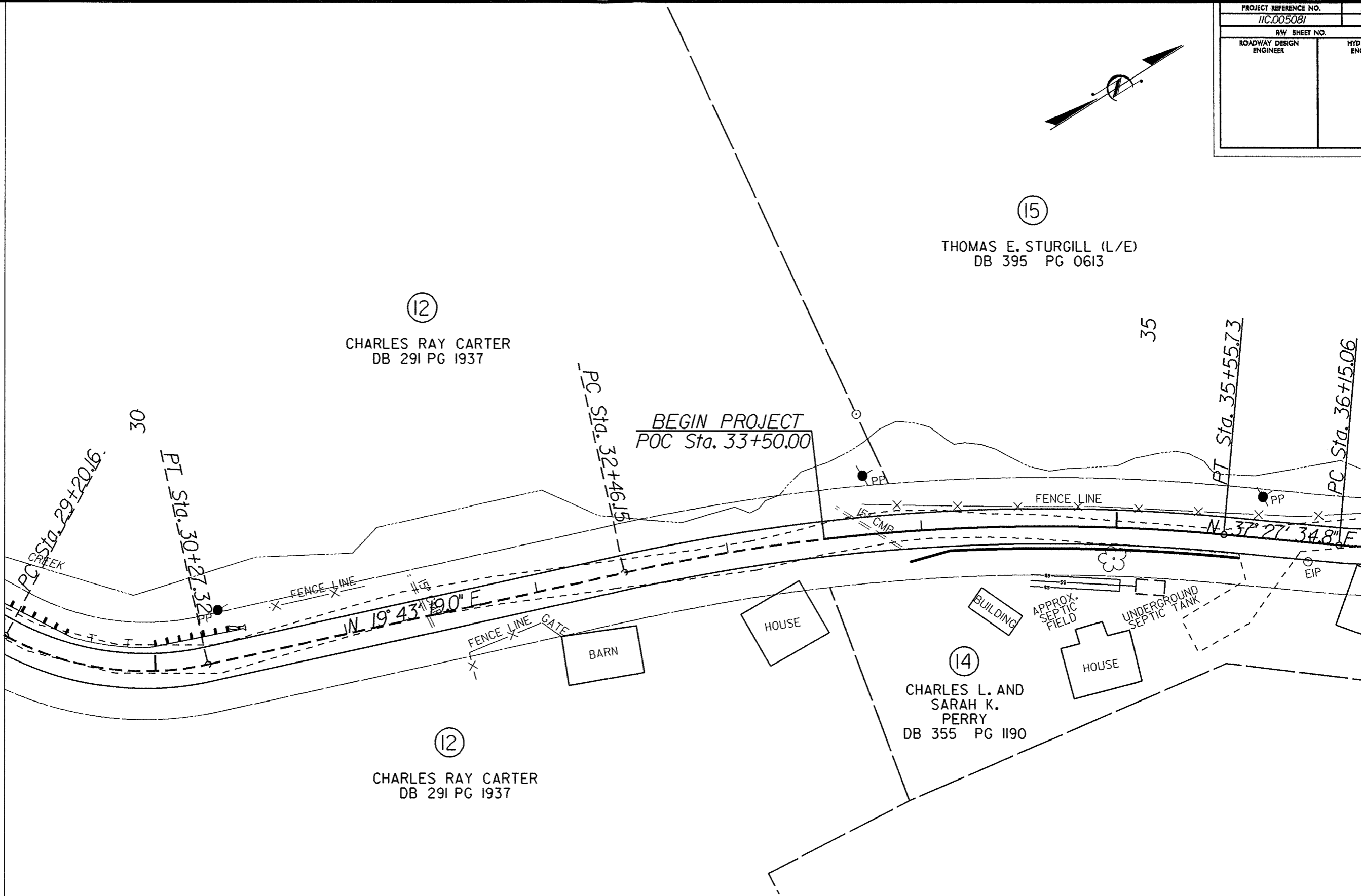
(12)
CHARLES RAY CARTER
DB 291 PG 1937

(15)
THOMAS E. STURGILL (L/E)
DB 395 PG 0613

(14)
CHARLES L. AND SARAH K. PERRY
DB 355 PG 1190

(12)
CHARLES RAY CARTER
DB 291 PG 1937

BEGIN PROJECT
POC Sta. 33+50.00

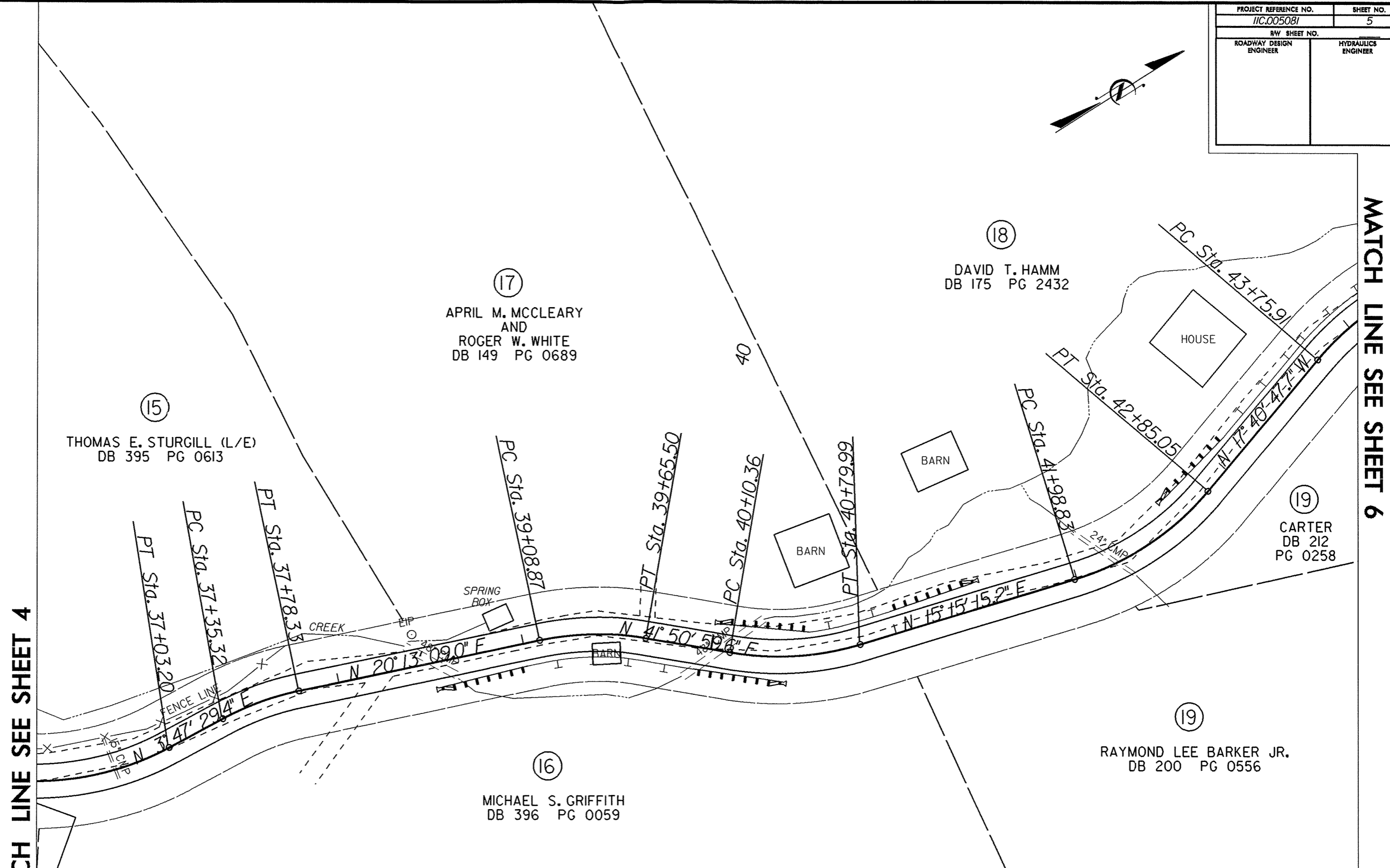
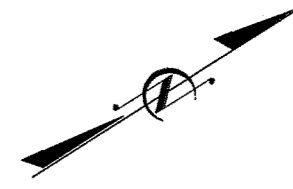


| | | |
|-------------------------------------|-------------------------------------|-------------------------------------|
| PI Sta 29+76.14 | PI Sta 34+02.19 | PI Sta 36+60.44 |
| $\Delta = 40^\circ 55' 52.1''$ (LT) | $\Delta = 17^\circ 44' 15.9''$ (RT) | $\Delta = 33^\circ 40' 05.4''$ (LT) |
| $D = 38^\circ 11' 49.9''$ | $D = 5^\circ 43' 46.5''$ | $D = 38^\circ 11' 49.9''$ |
| $L = 107.16'$ | $L = 309.58'$ | $L = 88.14'$ |
| $T = 55.98'$ | $T = 156.04'$ | $T = 45.39'$ |
| $R = 150.00'$ | $R = 1,000.00'$ | $R = 150.00'$ |

REVISIONS

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| | |
|-------------------------------------|---------------------|
| PROJECT REFERENCE NO. 11C.005081 | SHEET NO. 5 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |



MATCH LINE SEE SHEET 4

MATCH LINE SEE SHEET 6

15
THOMAS E. STURGILL (L/E)
DB 395 PG 0613

17
APRIL M. MCCLEARY
AND
ROGER W. WHITE
DB 149 PG 0689

18
DAVID T. HAMM
DB 175 PG 2432

19
CARTER
DB 212
PG 0258

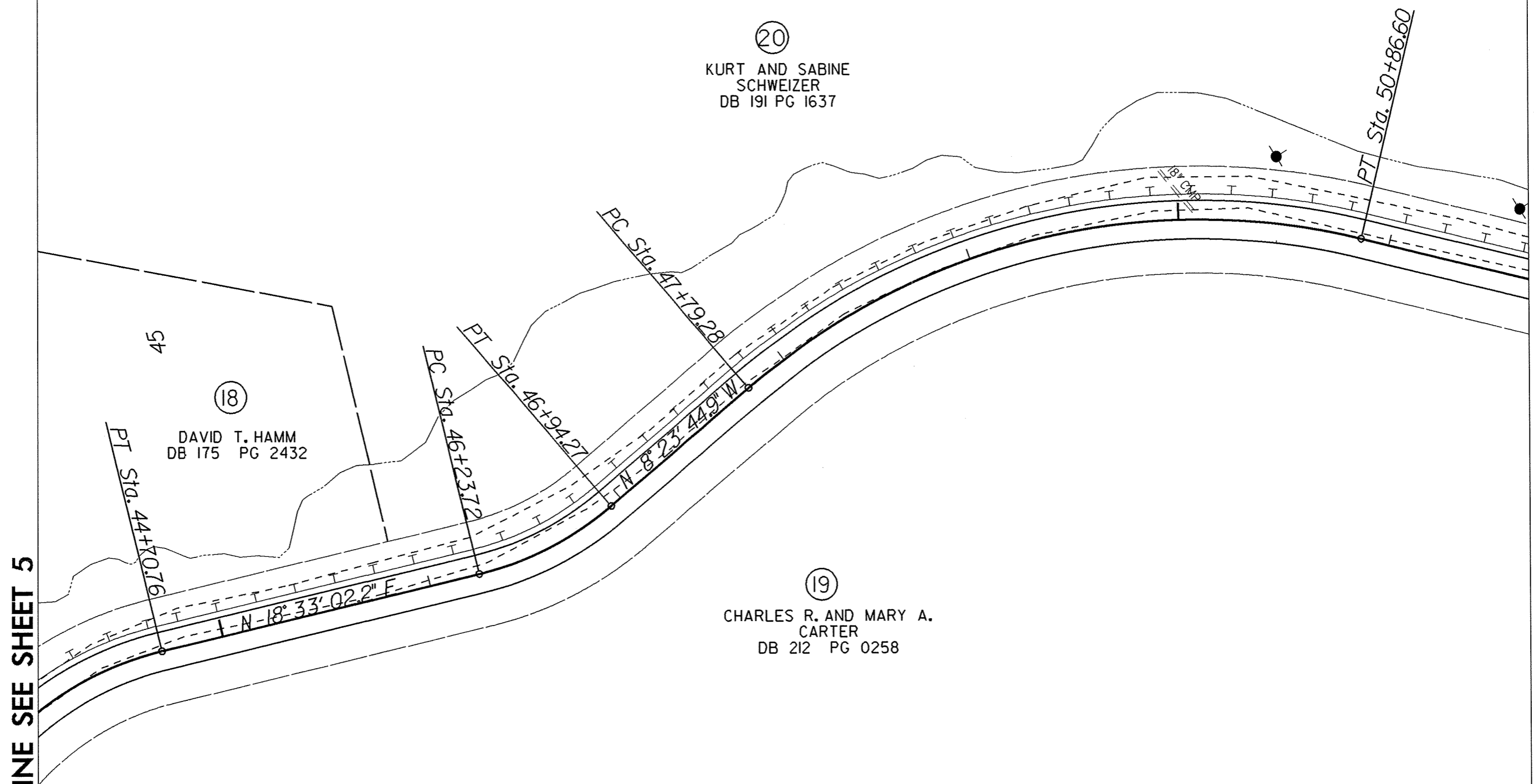
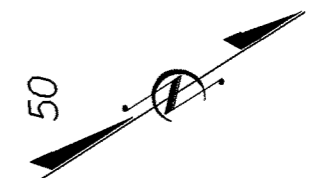
16
MICHAEL S. GRIFFITH
DB 396 PG 0059

19
RAYMOND LEE BARKER JR.
DB 200 PG 0556

| | | | |
|--|--|--|--|
| PI Sta 37+56.97 $\Delta = 16^\circ 25' 39.5''$ (RT) D = 38' 11" 49.9" L = 43.01' T = 21.65' R = 150.00' | PI Sta 39+37.53 $\Delta = 21^\circ 37' 50.6''$ (RT) D = 38' 11" 49.9" L = 56.63' T = 28.66' R = 150.00' | PI Sta 40+45.82 $\Delta = 26^\circ 35' 44.3''$ (LT) D = 38' 11" 49.9" L = 69.63' T = 35.45' R = 150.00' | PI Sta 42+43.16 $\Delta = 32^\circ 56' 02.9''$ (LT) D = 38' 11" 49.9" L = 86.22' T = 44.34' R = 150.00' |
|--|--|--|--|

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 11C.005081.dwg

| | |
|-------------------------------------|---------------------|
| PROJECT REFERENCE NO. 11C.005081 | SHEET NO. 6 |
| RAW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |



MATCH LINE SEE SHEET 5

MATCH LINE SEE SHEET 7

| | | |
|-------------------------------------|-------------------------------------|-------------------------------------|
| PI Sta 44+24.98 | PI Sta 46+59.66 | PI Sta 49+45.52 |
| $\Delta = 36^\circ 13' 49.9''$ (RT) | $\Delta = 26^\circ 56' 47.2''$ (LT) | $\Delta = 54^\circ 10' 44.0''$ (RT) |
| D = 38' 11' 49.9" | D = 38' 11' 49.9" | D = 17' 37' 46.1" |
| L = 94.85' | L = 70.55' | L = 307.32' |
| T = 49.07' | T = 35.94' | T = 166.24' |
| R = 150.00' | R = 150.00' | R = 325.00' |

REVISIONS

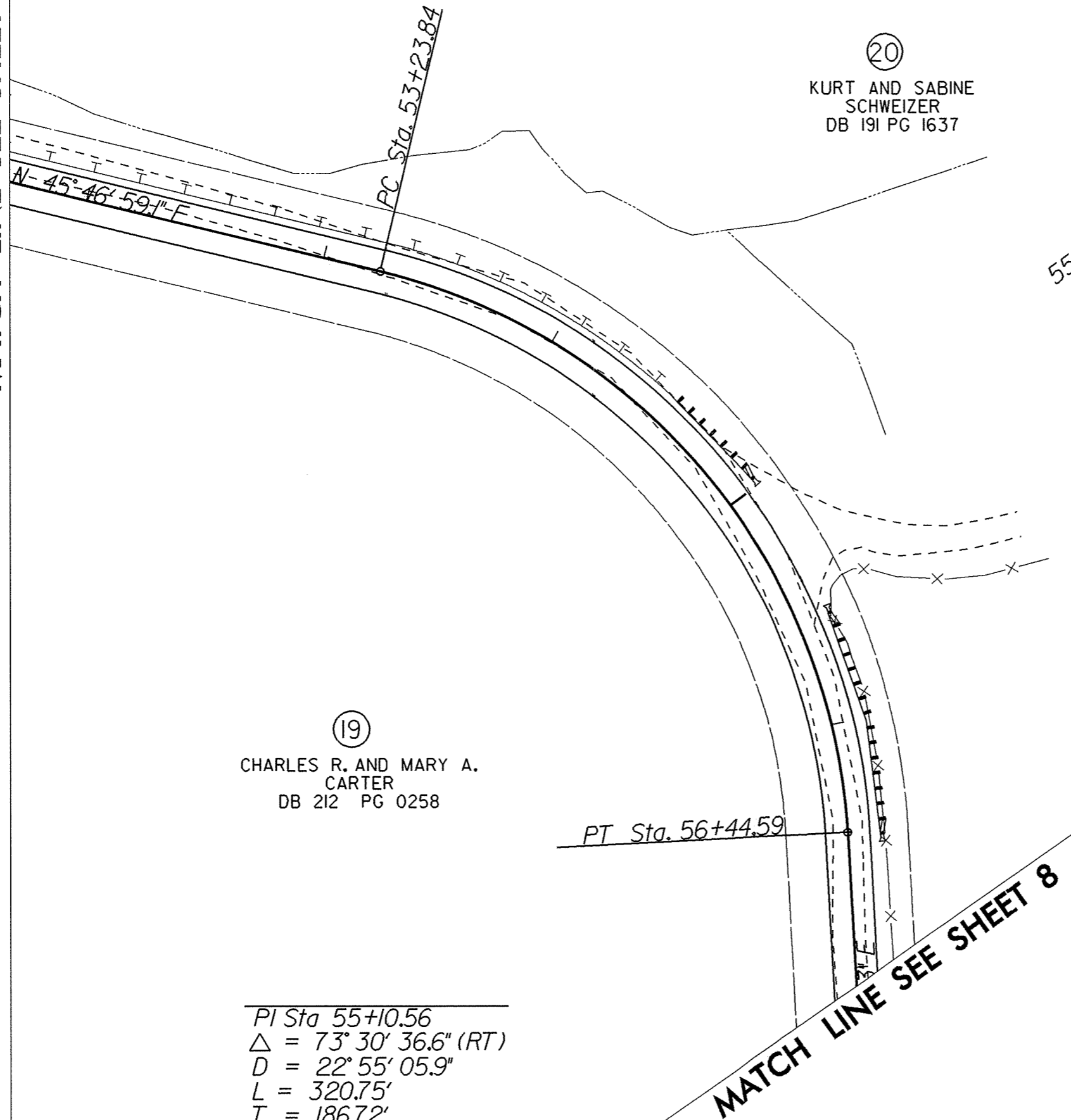
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8/17/99

REVISIONS

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1358E-Boor\1358E-Rdy.dwg

MATCH LINE SEE SHEET 6



20
KURT AND SABINE
SCHWEIZER
DB 191 PG 1637

19
CHARLES R. AND MARY A.
CARTER
DB 212 PG 0258

PI Sta 55+10.56
 $\Delta = 73^\circ 30' 36.6''$ (RT)
 $D = 22^\circ 55' 05.9''$
 $L = 320.75'$
 $T = 186.72'$
 $R = 250.00'$

MATCH LINE SEE SHEET 8

| | |
|-------------------------|---------------------|
| PROJECT REFERENCE NO. | SHEET NO. |
| 11C.005081 | 7 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |

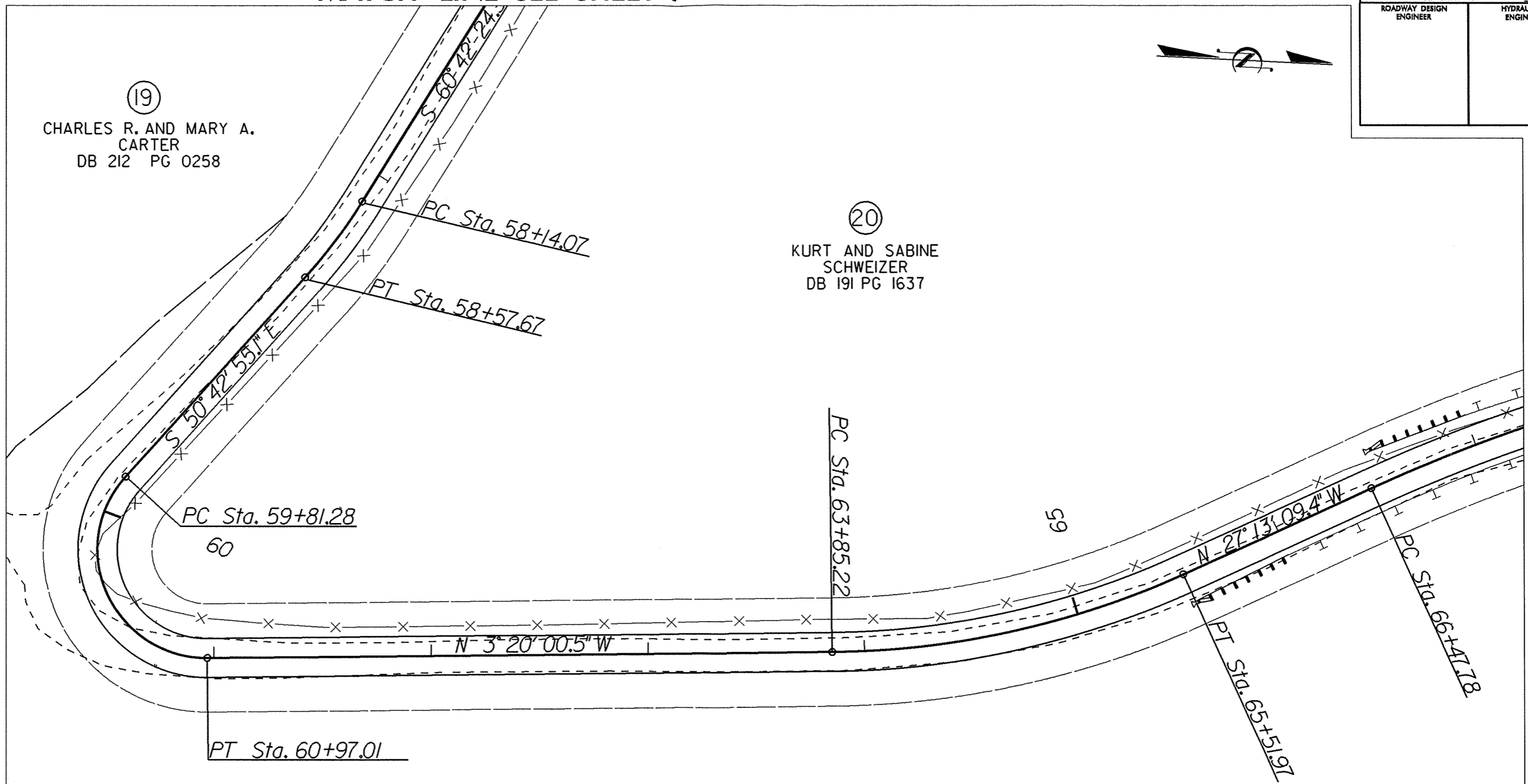
MATCH LINE SEE SHEET 7

| | |
|-------------------------------------|---------------------|
| PROJECT REFERENCE NO. 11C.005081 | SHEET NO. 8 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |

(19)
CHARLES R. AND MARY A.
CARTER
DB 212 PG 0258

(20)
KURT AND SABINE
SCHWEIZER
DB 191 PG 1637

(21)
JOHN AND BEVERLY
KEMP
DB 177 PG 0024



| | | |
|------------------------------------|--------------------------------------|-------------------------------------|
| PI Sta 58+35.93 | PI Sta 60+95.23 | PI Sta 64+69.83 |
| $\Delta = 9^\circ 59' 29.2''$ (RT) | $\Delta = 132^\circ 37' 05.3''$ (LT) | $\Delta = 23^\circ 53' 08.9''$ (LT) |
| $D = 22^\circ 55' 05.9''$ | $D = 114^\circ 35' 29.6''$ | $D = 14^\circ 19' 26.2''$ |
| $L = 43.60'$ | $L = 115.73'$ | $L = 166.75'$ |
| $T = 21.85'$ | $T = 113.95'$ | $T = 84.61'$ |
| $R = 250.00'$ | $R = 50.00'$ | $R = 400.00'$ |

MATCH LINE SEE SHEET 9

REVISIONS

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| | |
|-------------------------------------|------------------------|
| PROJECT REFERENCE NO. 11C.005081 | SHEET NO. 9 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |



(20)
KURT AND SABINE
SCHWEIZER
DB 191 PG 1637

70
PT Sta. 70+75.84
END PROJECT
POT Sta. 71+02.58

SR 1358F
BEAR WALLOW RD.

N 3° 26' 16.0" E

SR 1371 JOE WEAVER RD.

(22)
ERIC H. AND TERESA C.
JELTRUP
DB 177 PG 1451

(21)
JOHN AND BEVERLY
KEMP
DB 177 PG 0024

PI Sta 68+67.07
 $\Delta = 30^\circ 39' 25.3''$ (RT)
 $D = 7^\circ 09' 43.1''$
 $L = 428.05'$
 $T = 219.28'$
 $R = 800.00'$

MATCH LINE SEE SHEET 8

REVISIONS

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