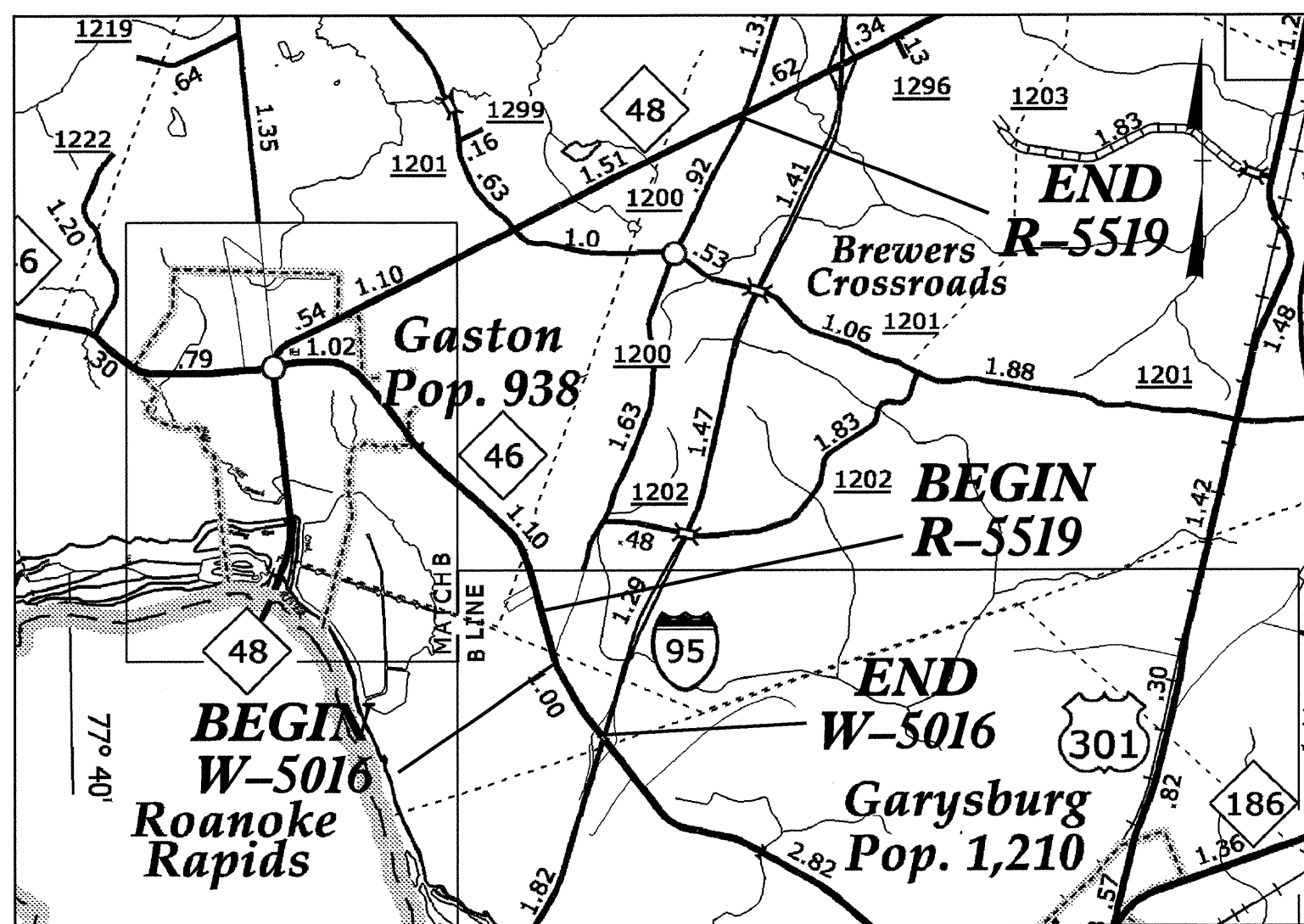


05-APR-2012 11:42 Z:\Desktop\Projects\NC 46 & I-95\LebanonChurchRd\Contract Data\W-5016_D01-DDC_sht.dgn
 09/08/99
 CONTRACT: C203056 TIP PROJECT: W-5016 & R-5519

See Sheet 1-A For Index of Sheets



VICINITY MAP

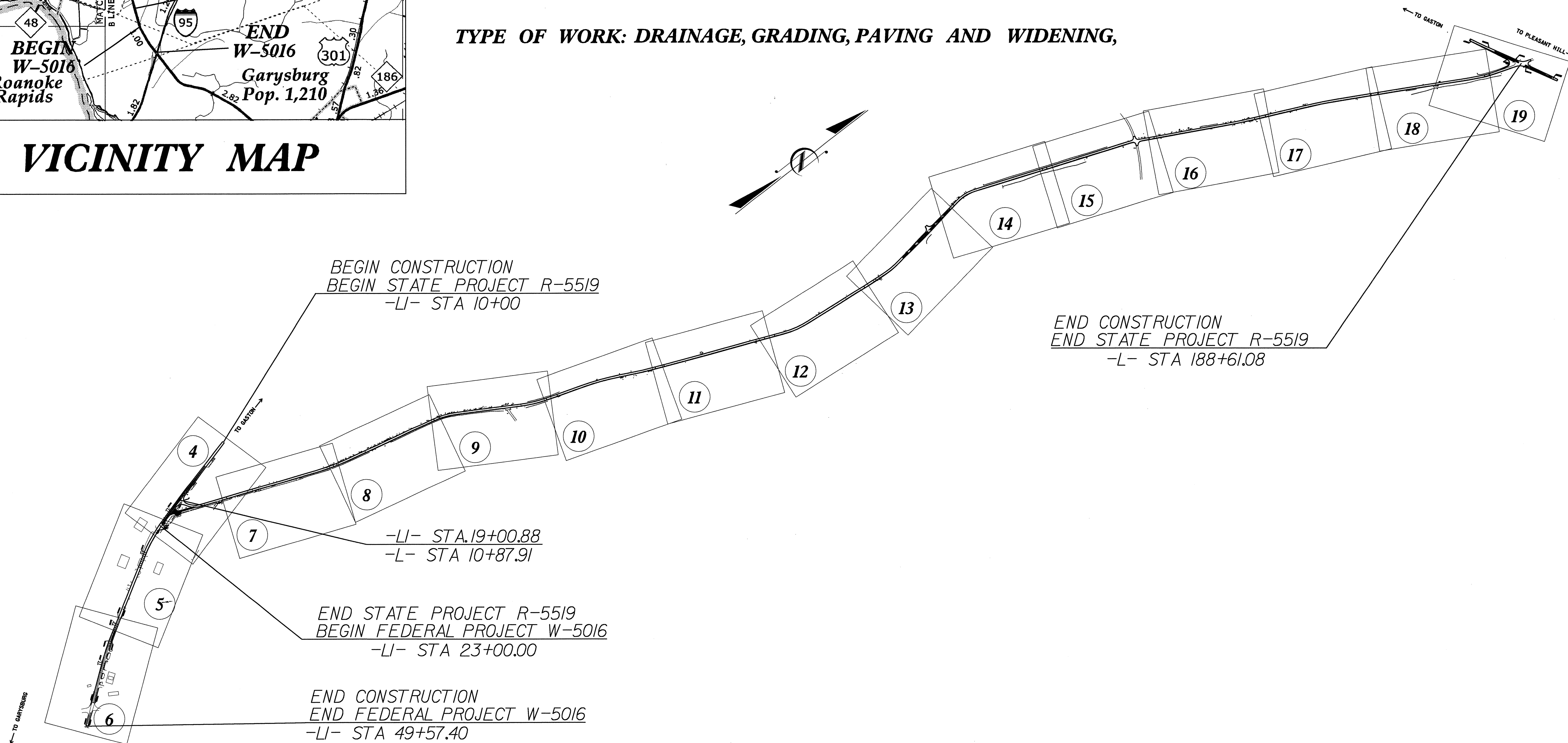
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NORTHAMPTON COUNTY

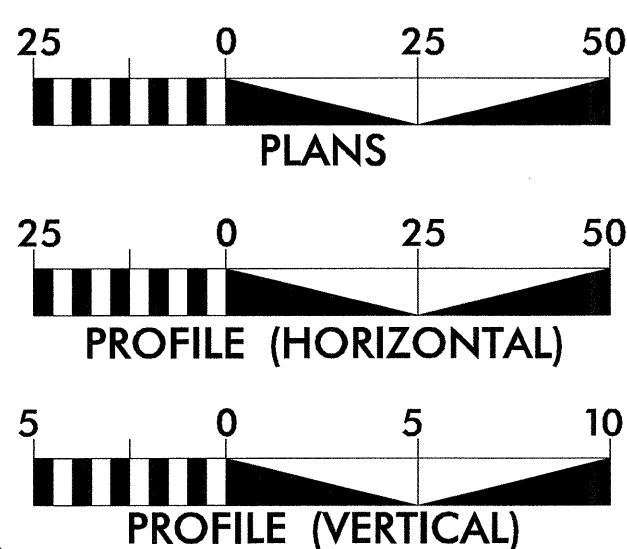
**LOCATION: NC 46 FROM I-95 SOUTHBOUND RAMPS TO WEST OF SR 1200
AND SR 1200 BETWEEN NC 46 AND NC 48**

TYPE OF WORK: DRAINAGE, GRADING, PAVING AND WIDENING,

| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
|-----------------|-----------------------------|--------------------|--------------|
| N.C. | W-5016 /R-5519 | 1 | |
| STATE PROJ. NO. | F.A. PROJ. NO. | DESCRIPTION | |
| 41831.1.1 | STP-0046(6) | W-5016 (PE) | |
| 41831.2.1 | | W-5016 (ROW/UTIL.) | |
| 41831.3.1 | | W-5016 (CONST.) | |
| 45535.1.1 | | R-5519 (PE) | |
| 45535.2.1 | | R-5519 (ROW/UTIL.) | |
| 45535.3.1 | | R-5519 (CONST.) | |



GRAPHIC SCALES



DESIGN DATA

ADT 2012 = 6400 (NC 46)
ADT 2012 = 340 (SR 1200)
V = 60 MPH

SUB/REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT W-5016 = 0.503 MILES
LENGTH ROADWAY TIP PROJECT R-5519 = 3.612 MILES
TOTAL LENGTH TIP PROJECTS W-5016 /R-5519 = 4.115 MILES

Prepared In the Office of:
DIVISION ONE DESIGN & CONSTRUCT
113 AIRPORT DR, EDENTON, NC 27910

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
NOVEMBER 28, 2011

LETTING DATE:
JUNE 19, 2012

C. W. BRIDGERS, JR. PE
DISTRICT ENGINEER

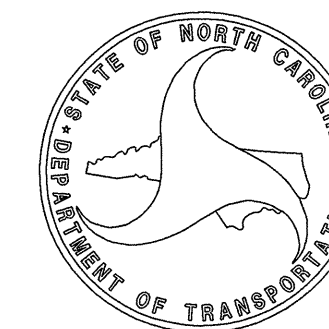
SCOTT FENWICK, PLS
DIVISION DESIGN ENGINEER

ROADWAY DESIGN ENGINEER

SIGNATURE:

P.E.

DIVISION OF HIGHWAYS



STATE OF NORTH CAROLINA

Note: Not to Scale

*S.U.E. = Subsurface Utility Engineering

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

BOUNDARIES AND PROPERTY:

| | |
|-------------------------------------|-----------|
| State Line | _____ |
| County Line | _____ |
| Township Line | _____ |
| City Line | _____ |
| Reservation Line | _____ |
| Property Line | _____ |
| Existing Iron Pin | ○ EIP |
| Property Corner | _____ |
| Property Monument | □ ECM |
| Parcel/Sequence Number | (123) |
| Existing Fence Line | —x—x—x—x— |
| Proposed Woven Wire Fence | ○ |
| Proposed Chain Link Fence | □ |
| Proposed Barbed Wire Fence | ◇ |
| Existing Wetland Boundary | ---MLB--- |
| Proposed Wetland Boundary | ---MLB--- |
| Existing Endangered Animal Boundary | ---EAB--- |
| Existing Endangered Plant Boundary | ---EPB--- |

BUILDINGS AND OTHER CULTURE:

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

HYDROLOGY:

| | |
|------------------------------------|------------|
| Stream or Body of Water | _____ |
| Hydro, Pool or Reservoir | □ |
| Jurisdictional Stream | ---JS--- |
| Buffer Zone 1 | ---BZ 1--- |
| Buffer Zone 2 | ---BZ 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 | ○ RW |
| Proposed Right of Way Line with Iron Pin and Cap Marker | ○ RW ▲ |
| Proposed Right of Way Line with Concrete or Granite Marker | ○ RW |
| 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 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 Wheel Chair Ramp | □ WCR |
| Existing Metal Guardrail | —T—T—T—T— |
| Proposed Guardrail | —T—T—T—T— |
| 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 | —CONC— |
| Bridge Wing Wall, Head Wall and End Wall | —CONC WW— |
| MINOR: | |
| Head and End Wall | —CONC HW— |
| Pipe Culvert | — |
| Footbridge | — |
| Drainage Box: Catch Basin, DI or JB | □ CB |
| Paved Ditch Gutter | — |
| Storm Sewer Manhole | ○ S |
| Storm Sewer | —S--- |

UTILITIES:

| | |
|-------------------------------------|---------|
| POWER: | |
| Existing Power Pole | ● |
| Proposed Power Pole | ○ |
| Existing Joint Use Pole | ● |
| Proposed Joint Use Pole | ○ |
| Power Manhole | ○ P |
| Power Line Tower | □ |
| Power Transformer | □ |
| U/G Power Cable Hand Hole | □ PH |
| H-Frame Pole | ●—● |
| Recorded U/G Power Line | —P--- |
| Designated U/G Power Line (S.U.E.*) | ---P--- |

TELEPHONE:

| | |
|---|-----------|
| Existing Telephone Pole | ● |
| Proposed Telephone Pole | ○ |
| Telephone Manhole | ○ T |
| Telephone Booth | □ |
| Telephone Pedestal | □ |
| Telephone Cell Tower | □ |
| U/G Telephone Cable Hand Hole | □ PH |
| Recorded U/G Telephone Cable | —T--- |
| Designated U/G Telephone Cable (S.U.E.*) | ---T--- |
| Recorded U/G Telephone Conduit | —TC--- |
| Designated U/G Telephone Conduit (S.U.E.*) | ---TC--- |
| Recorded U/G Fiber Optics Cable | —TFO--- |
| Designated U/G Fiber Optics Cable (S.U.E.*) | ---TFO--- |

WATER:

| | |
|-------------------------------------|---------------|
| Water Manhole | ○ W |
| Water Meter | ○ |
| Water Valve | ⊗ |
| Water Hydrant | ○ |
| Recorded U/G Water Line | —W--- |
| Designated U/G Water Line (S.U.E.*) | ---W--- |
| Above Ground Water Line | —A/G Water--- |

TV:

| | |
|--|-----------|
| TV Satellite Dish | ⋈ |
| TV Pedestal | □ |
| TV Tower | ⊗ |
| U/G TV Cable Hand Hole | □ PH |
| Recorded U/G TV Cable | —TV--- |
| Designated U/G TV Cable (S.U.E.*) | ---TV--- |
| Recorded U/G Fiber Optic Cable | —TFO--- |
| Designated U/G Fiber Optic Cable (S.U.E.*) | ---TFO--- |

GAS:

| | |
|-----------------------------------|-------------|
| Gas Valve | ◇ |
| Gas Meter | ○ |
| Recorded U/G Gas Line | —G--- |
| Designated U/G Gas Line (S.U.E.*) | ---G--- |
| Above Ground Gas Line | —A/G Gas--- |

SANITARY SEWER:

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

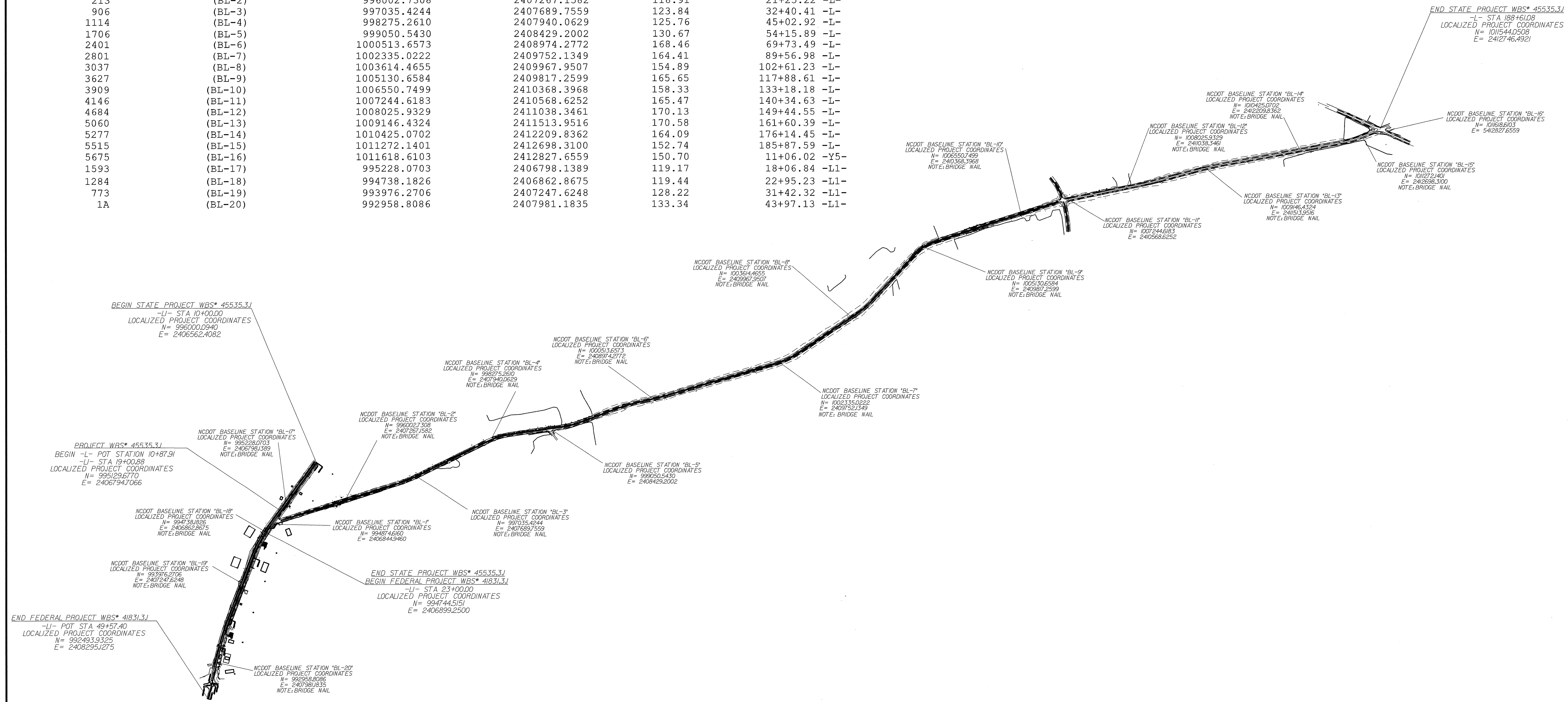
MISCELLANEOUS:

| | |
|--|----------|
| Utility Pole | ● |
| Utility Pole with Base | □ |
| Utility Located Object | ○ |
| Utility Traffic Signal Box | □ |
| Utility Unknown U/G Line | —?UTL--- |
| U/G Tank; Water, Gas, Oil | □ |
| A/G Tank; Water, Gas, Oil | □ |
| U/G Test Hole (S.U.E.*) | ○ |
| Abandoned According to Utility Records | AATUR |
| End of Information | E.O.I. |

SURVEY CONTROL SHEET

CONTROL DATA

| BL POINT | DESC. | NORTH | EAST | ELEVATION | L STATION |
|----------|---------|--------------|--------------|-----------|---------------|
| 1 | (BL-1) | 994874.6160 | 2406844.9460 | 119.84 | 21+60.31 -L1- |
| 213 | (BL-2) | 996002.7308 | 2407267.1582 | 118.91 | 21+25.22 -L- |
| 906 | (BL-3) | 997035.4244 | 2407689.7559 | 123.84 | 32+40.41 -L- |
| 1114 | (BL-4) | 998275.2610 | 2407940.0629 | 125.76 | 45+02.92 -L- |
| 1706 | (BL-5) | 999050.5430 | 2408429.2002 | 130.67 | 54+15.89 -L- |
| 2401 | (BL-6) | 1000513.6573 | 2408974.2772 | 168.46 | 69+73.49 -L- |
| 2801 | (BL-7) | 1002335.0222 | 2409752.1349 | 164.41 | 89+56.98 -L- |
| 3037 | (BL-8) | 1003614.4655 | 2409967.9507 | 154.89 | 102+61.23 -L- |
| 3627 | (BL-9) | 1005130.6584 | 2409817.2599 | 165.65 | 117+88.61 -L- |
| 3909 | (BL-10) | 1006550.7499 | 2410368.3968 | 158.33 | 133+18.18 -L- |
| 4146 | (BL-11) | 1007244.6183 | 2410568.6252 | 165.47 | 140+34.63 -L- |
| 4684 | (BL-12) | 1008025.9329 | 2411038.3461 | 170.13 | 149+44.55 -L- |
| 5060 | (BL-13) | 1009146.4324 | 2411513.9516 | 170.58 | 161+60.39 -L- |
| 5277 | (BL-14) | 1010425.0702 | 2412209.8362 | 164.09 | 176+14.45 -L- |
| 5515 | (BL-15) | 1011272.1401 | 2412698.3100 | 152.74 | 185+87.59 -L- |
| 5675 | (BL-16) | 1011618.6103 | 2412827.6559 | 150.70 | 11+06.02 -Y5- |
| 1593 | (BL-17) | 995228.0703 | 2406798.1389 | 119.17 | 18+06.84 -L1- |
| 1284 | (BL-18) | 994738.1826 | 2406862.8675 | 119.44 | 22+95.23 -L1- |
| 773 | (BL-19) | 993976.2706 | 2407247.6248 | 128.22 | 31+42.32 -L1- |
| 1A | (BL-20) | 992958.8086 | 2407981.1835 | 133.34 | 43+97.13 -L1- |



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "1"

WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF
 NORTHING: 994874.6160(±) EASTING: 2406844.9460(±)
 ELEVATION: 119.84(±)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.0010803

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "1" TO -L- STATION 10+87.91 IS
 259.96' N 41°-27'-01"

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
 VERTICAL DATUM USED IS NAVD 88

- NOTES:**
- ◆ SITE CALIBRATION PARAMETERS HAVE NOT BEEN DETERMINED FOR THIS PROJECT. IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
 - ◆ INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT.
 - ALL BASELINE POINTS ARE 36" REBAR WITH CAP (UNLESS OTHERWISE NOTED).
 - PROJECT CONTROL ESTABLISHED USING GLOBAL POSITIONING SYSTEM.

REVISIONS

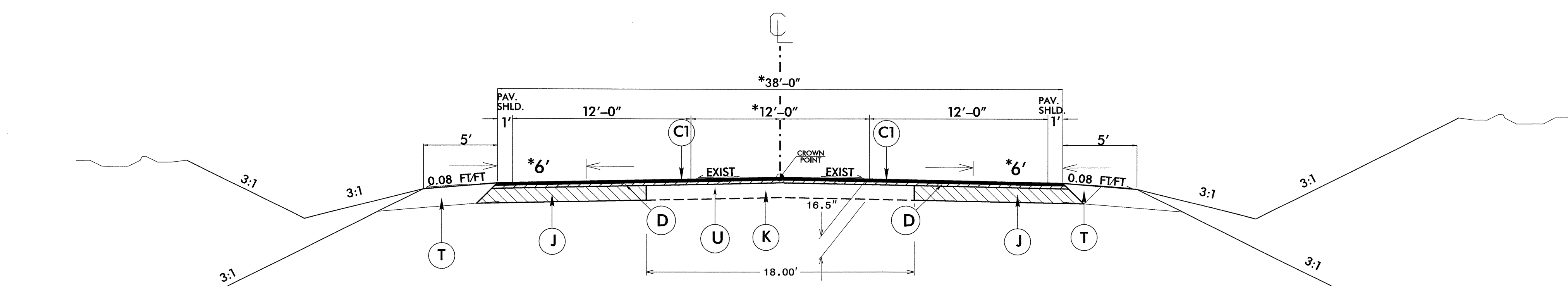
8/17/09

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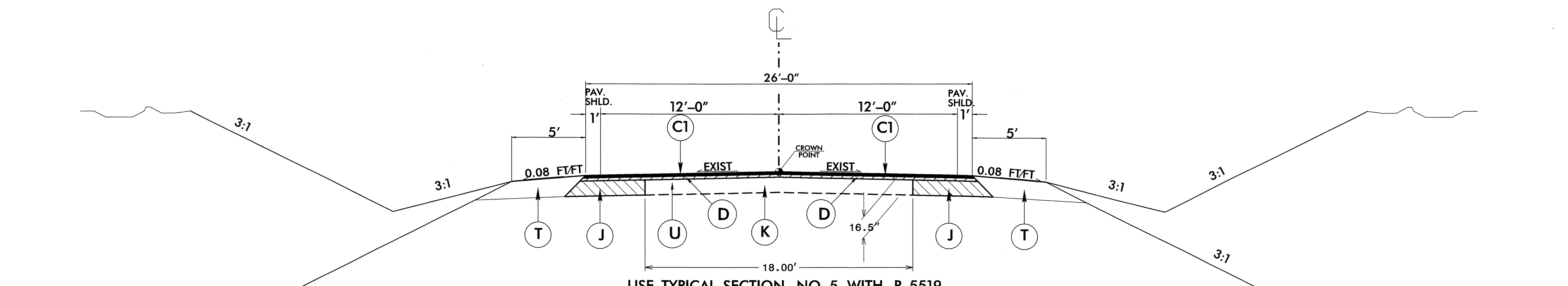
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 REVISED TYPICALS NO. 5 & 6 - MAY 30, 2012 - sdf
 AT D:\C:\Documents_and_Settings\stanwick\Desktop\Projects\LebanonChurchRd\Contract Data_4-13-12\W-5016.D01-DDC.sh2-sh2-A.dgn

| | |
|--|--------------------------|
| PROJECT REFERENCE NO. W-5016 / R-5519 | SHEET NO. 2-A |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | PAVEMENT DESIGN ENGINEER |

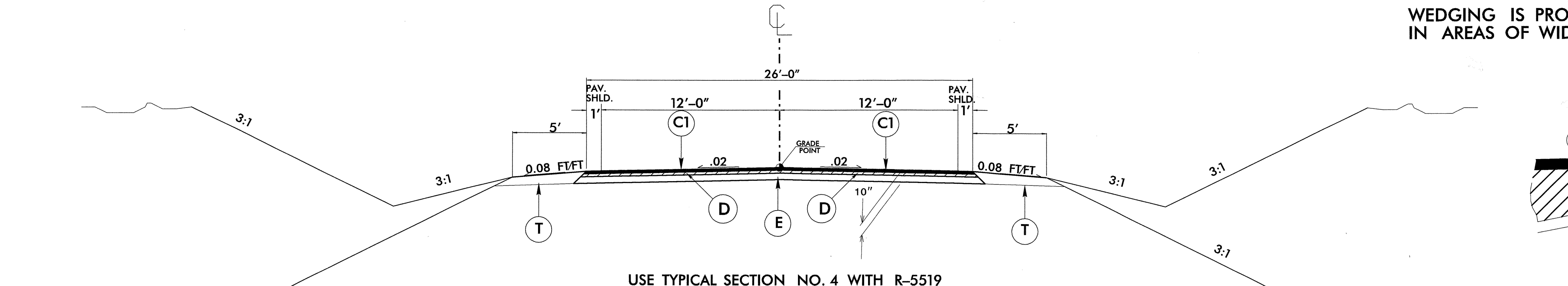


USE TYPICAL SECTION NO. 6 WITH R-5519
 -L- STA. 106+75.85 to STA. 115+20.85

* CENTER LANE AND WIDENING WIDTHS VARY
 IN TAPER SECTIONS - SEE PLAN SHEETS



USE TYPICAL SECTION NO. 5 WITH R-5519
 -L- STA. 15+50.00 to STA. 106+75.85
 -L- STA. 115+20.85 to STA. 187+88.81



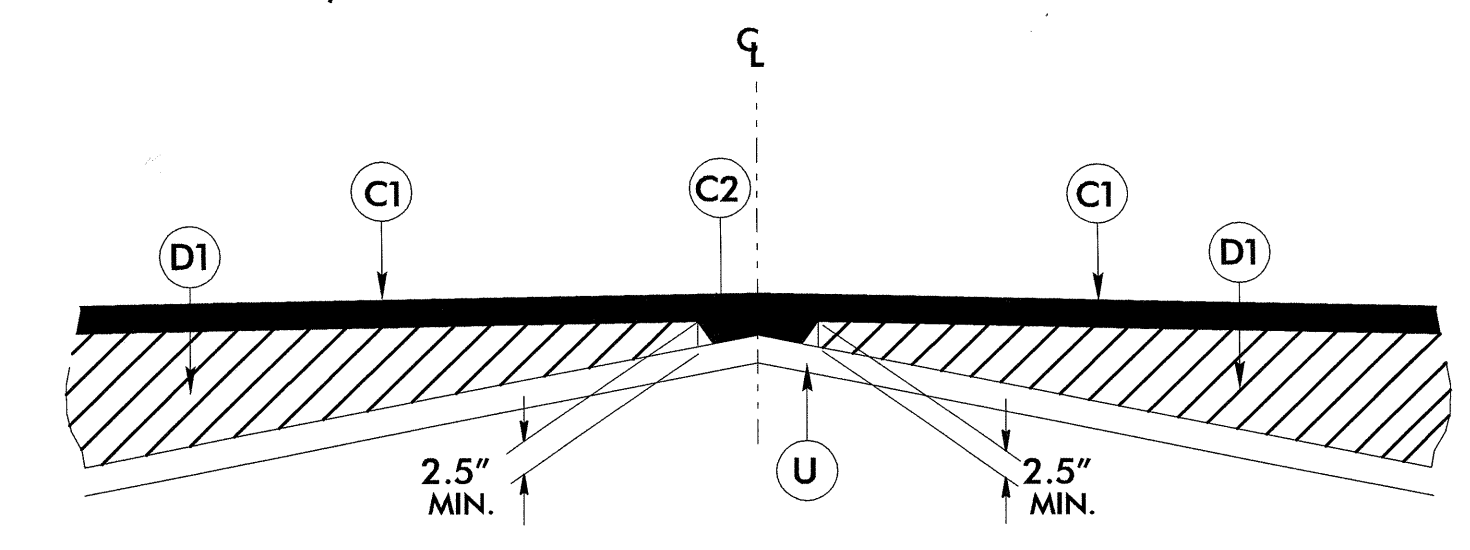
USE TYPICAL SECTION NO. 4 WITH R-5519
 -L- STA. 10+87.91 to STA. 15+50.00

PAVEMENT SCHEDULE

| | |
|----|---|
| C | PROP. APPROX. 1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S 9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. |
| C1 | PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S 9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD. |
| C2 | PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S 9.5C, AT AN AVERAGE RATE OF 112 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT TO EXCEED 2" IN DEPTH. |
| D | PROP. APPROX. 2 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I 19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD. |
| D1 | PROP. VAR. DEPTH ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I 19.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH, TO BE PLACED IN LAYERS NOT LESS THAN 2 1/2" IN DEPTH OR GREATER THAN 4" IN DEPTH. |
| E | PROP. APPROX. 5-1/2" ASPHALT CONCRETE BASE COURSE, TYPE B 25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD. |
| J | FOR ALL WIDENING, REMOVE 12" DEPTH MATERIAL AND REPLACE WITH ASPHALT MILLINGS, AGGREGATE BASE COURSE OR A COMBINATION OF THESE. PROP. 12" FULL DEPTH RECLAIMATION, USING A CEMENT RATE OF 48 LBS. PER SQ. YD. |
| K | PROP. 12" FULL DEPTH RECLAIMATION, USING A CEMENT RATE OF 48 LBS. PER SQ. YD. |
| R | 2'-6" CONCRETE CURB AND GUTTER. |
| T | EARTH MATERIAL. |
| U | EXISTING PAVEMENT. |
| W | VARIABLE DEPTH ASPHALT PAVEMENT (SEE STANDARD WEDGING DETAIL) |

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

NOTE:
 WEDGING IS PROPOSED TO OBTAIN DESIRED SUPERELEVATION,
 IN AREAS OF WIDENING, AS SHOWN ON PLANS OR AS DIRECTED BY ENGINEER.



Detail Showing Method of Wedging

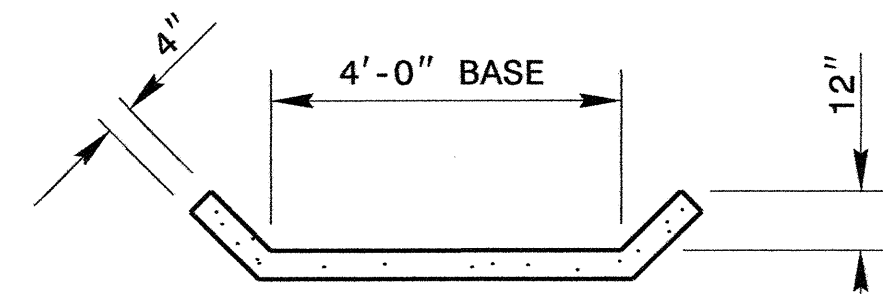
5/14/99

GENERAL NOTES:

WIDTH AND SHAPE OF PROPOSED CONCRETE FLUME AND ETC. SHALL BE AS SHOWN OR AS DIRECTED BY THE ENGINEER.

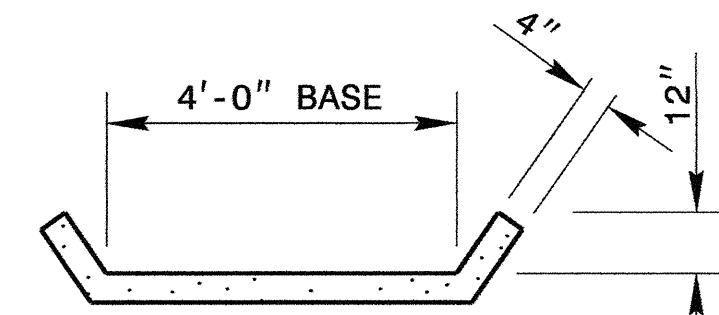
REINFORCING BARS ARE TO BE ASTM A615, GRADE 60.

THE FOLLOWING SHALL BE CONSTRUCTED IN ACCORDANCE WITH N.C. ROADWAY SPECIFICATIONS, CONCRETE CURB AND GUTTER-SECTION 846, CONCRETE FLUME COVER (TO BE CONSTRUCTED UNDER SIDEWALK SPECIFICATIONS) SECTION 848, CONCRETE PAVED DITCH- SECTION 850.



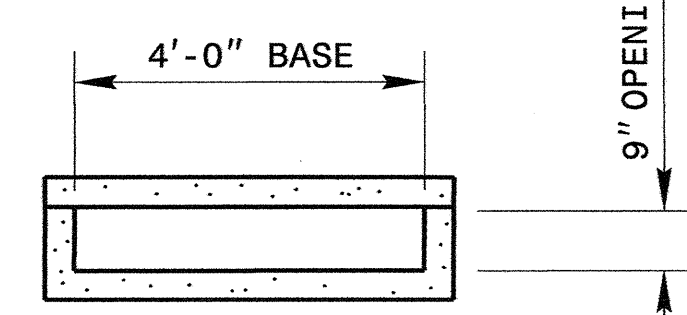
SECTION D-D

CONCRETE PAVED DITCH



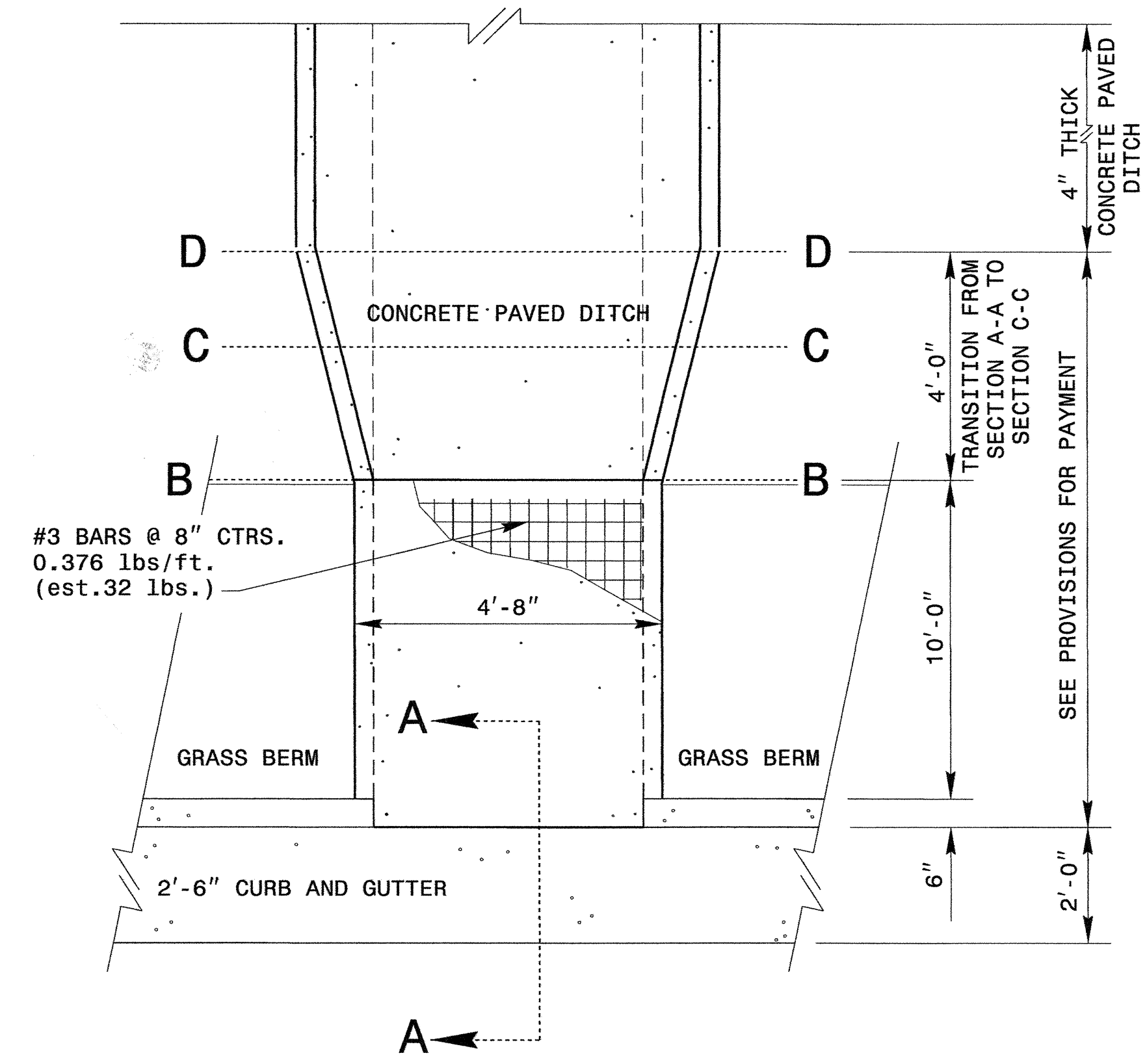
SECTION C-C

CONCRETE PAVED DITCH

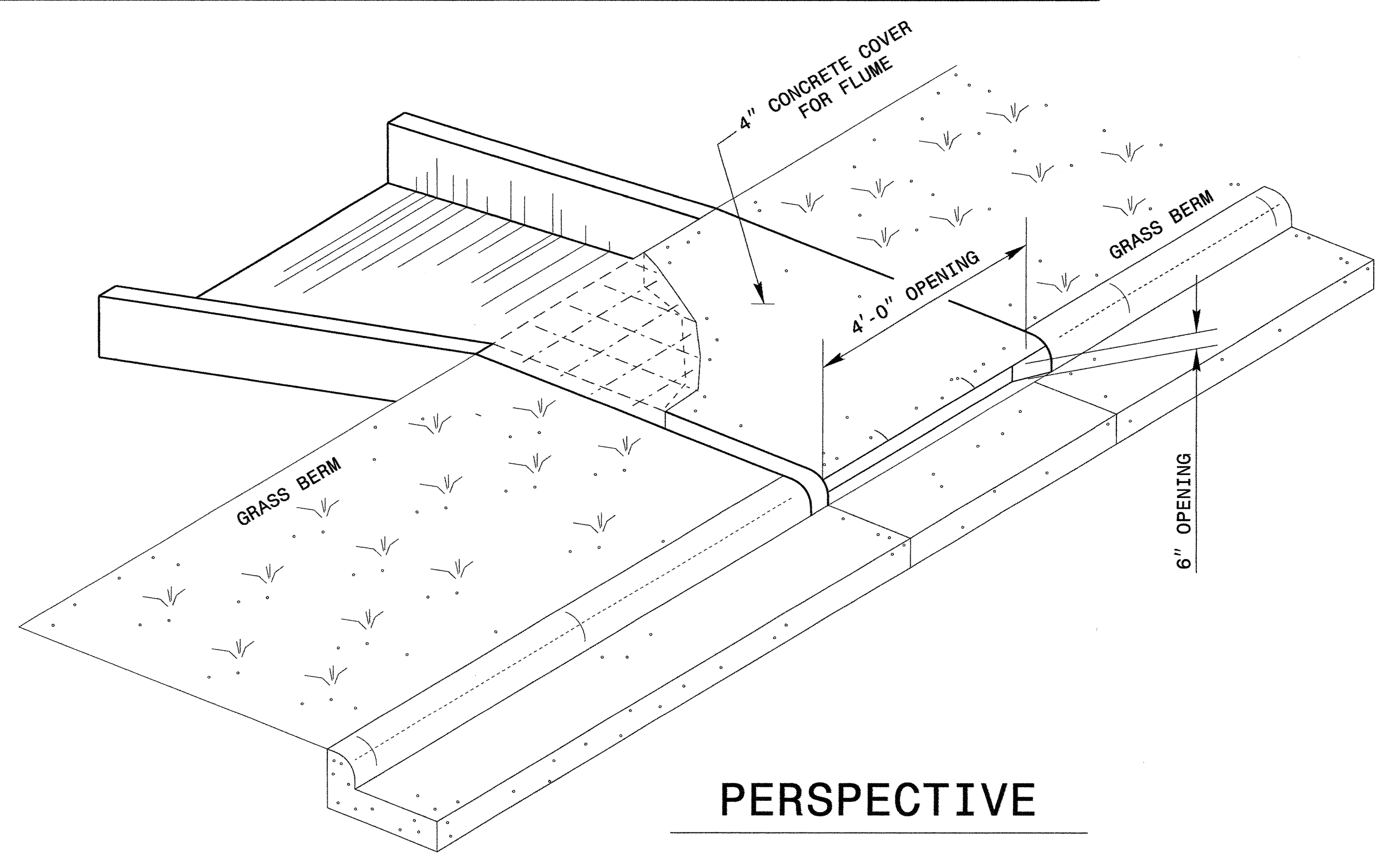


SECTION B-B

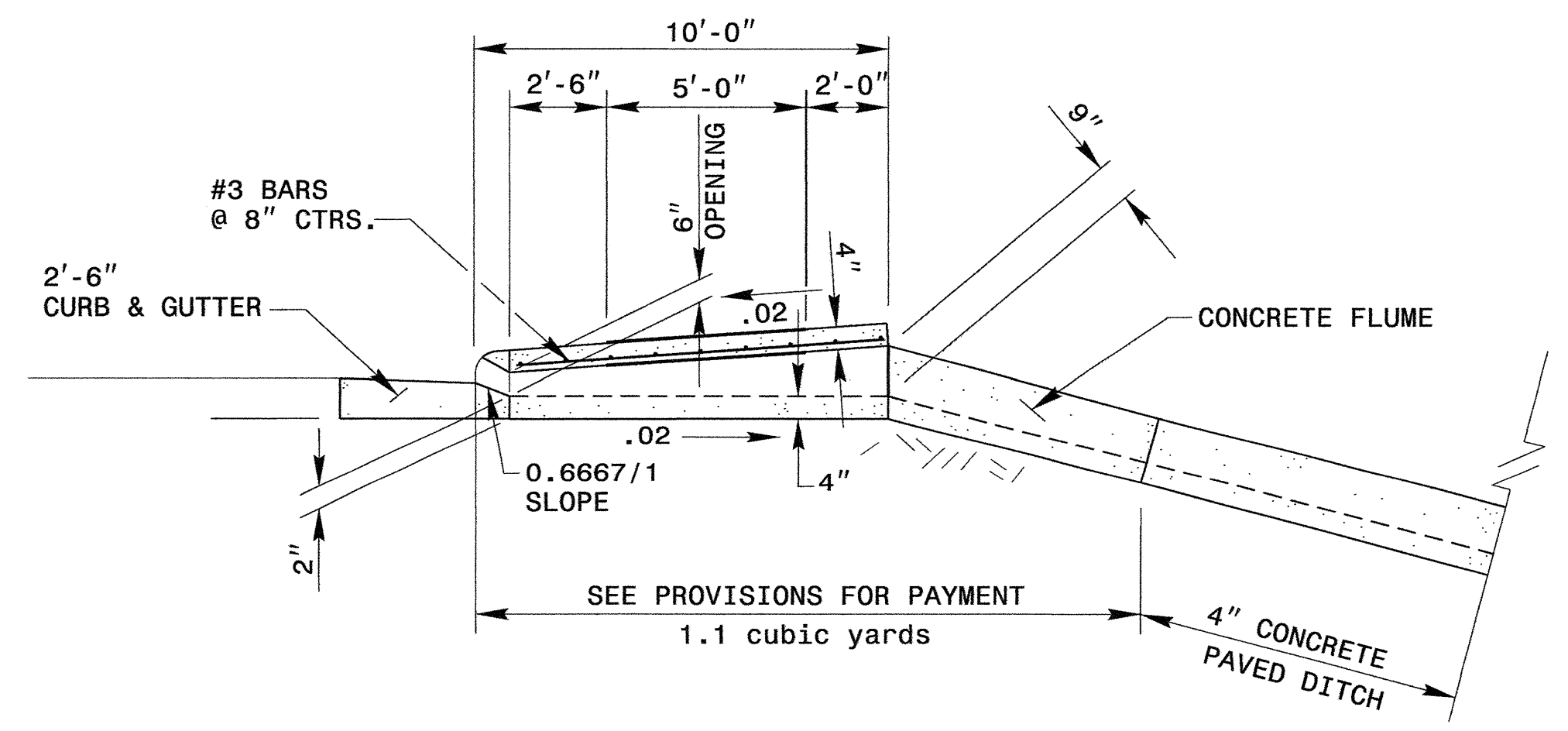
CONCRETE PAVED DITCH
CONCRETE FLUME



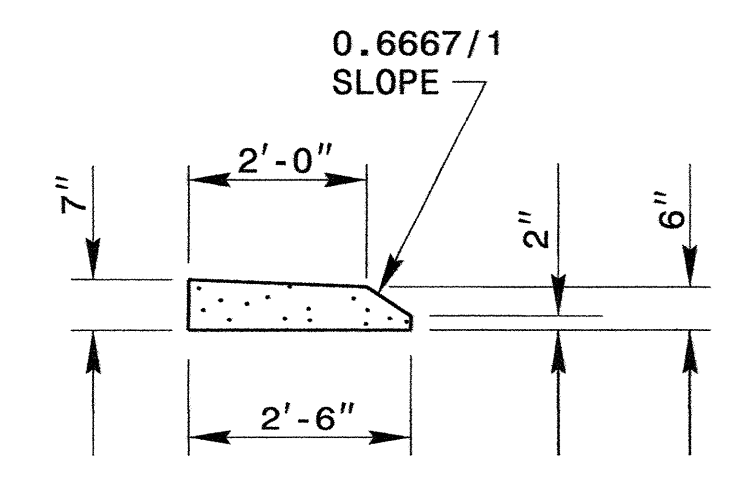
PLAN



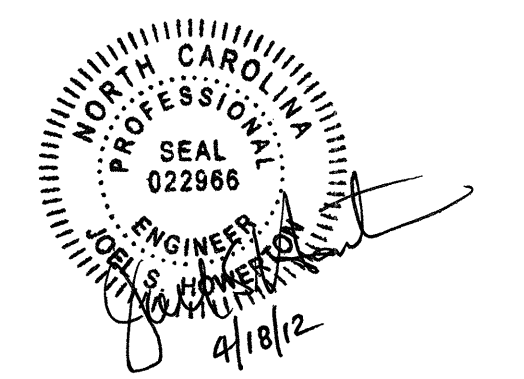
PERSPECTIVE



ELEVATION



SECTION A-A



CONTRACT STANDARDS & DEVELOPMENT UNIT
STANDARDS AND SPECIAL DESIGN
OFFICE: 919-707-6950 FAX 919-250-4119

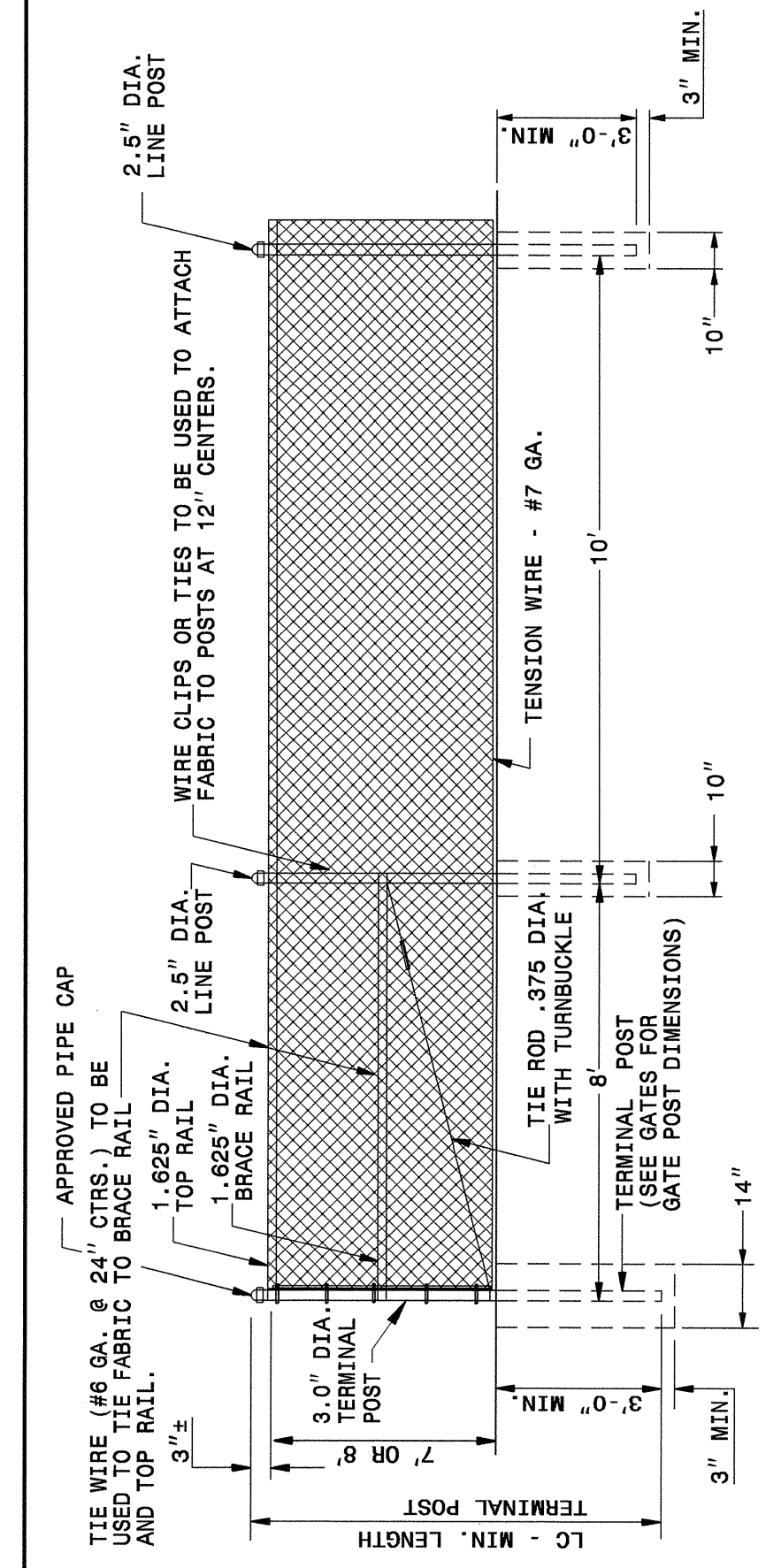
CONCRETE FLUME DETAIL

ORIGINAL BY: _____ DATE: _____
 MODIFIED BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____
 FILE SPEC.: _____

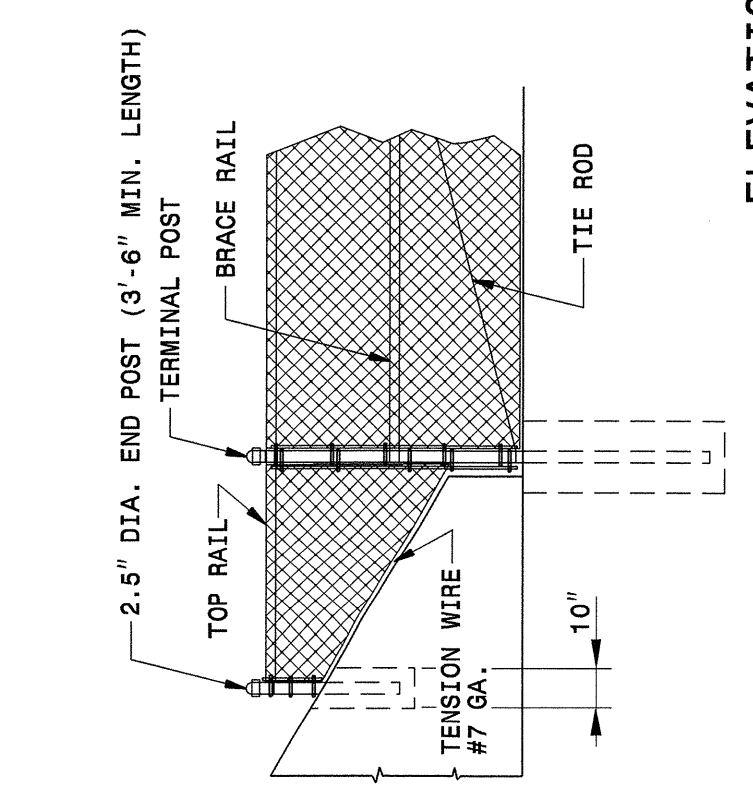
STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR CHAIN LINK FENCE FOR 7' OR 8' HEIGHT

SHEET 1 OF 3 866D01

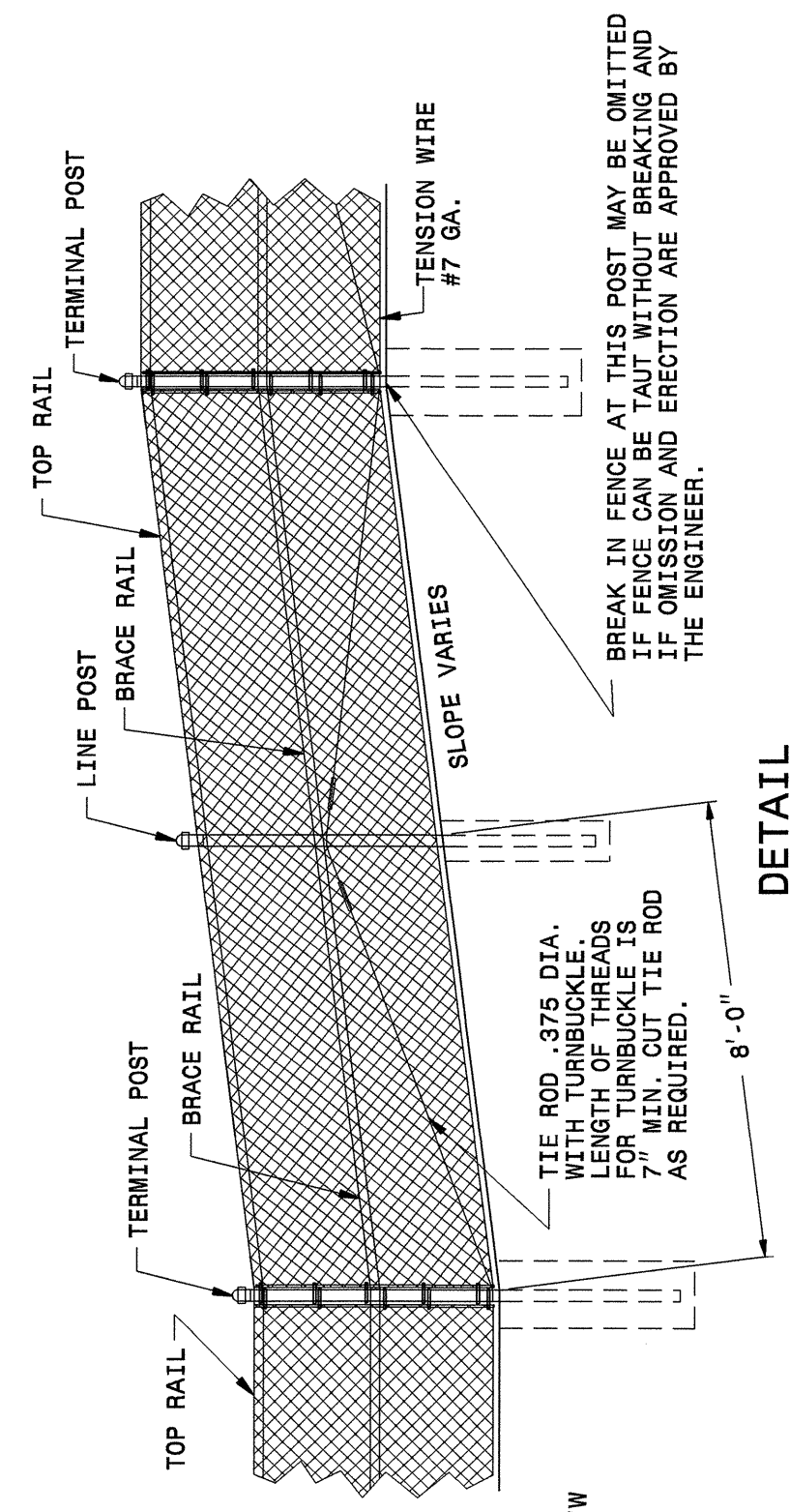


NOTE: LINE POST MAY BE DRIVEN TO A MINIMUM OF 12" BELOW FINISH GRADE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



ELEVATION METHOD OF TYING FENCE TO ENDWALL

- NOTES:
- CAPS ARE REQUIRED ON POSTS.
 - CAPS MAY BE OMITTED WHEN BARBED WIRE SUPPORT ARMS ARE USED.
 - FENCE FABRIC SHALL BE INSTALLED ON THE SIDE FARTHEST FROM THE HIGHWAY EXCEPT THAT ON HORIZONTAL CURVES GREATER THAN THREE DEGREES THE FENCE SHALL BE INSTALLED SO AS TO PULL AGAINST POSTS.
 - ALL CHANGES IN DIRECTION OF FENCE LINE OF 30° OR MORE SHALL BE CONSIDERED AS CORNERS.
 - 3/4" X 3/8" FLAT STRETCHER BAR TO BE USED FOR 1" MESH ONLY, OTHERWISE USE 3/8" X 3/4" FLAT STRETCHER BAR.
 - FOR DITCH CROSSING, MAXIMUM WIRE SPACING TO BE 6" AND MAXIMUM CLEARANCE BETWEEN LOWEST STRAND AND GROUND TO BE 6".
 - TERMINAL POSTS, BRACED IN BOTH DIRECTIONS WHERE POSSIBLE, SHALL BE INSTALLED AT INTERVALS NOT TO EXCEED 700' (500' ON SHORT RADIUS CURVES), AS SHOWN IN THE DETAILS, AND AS DIRECTED BY THE ENGINEER.
 - WHEN PAY ITEM REQUIRES BARBED WIRE ATTACHMENT, BARBED WIRE IS TO BE ATTACHED TO THE TOP OF THE CHAIN LINK FENCE FOR ITS ENTIRE LENGTH INCLUDING GATES.



DETAIL METHOD OF CONSTRUCTING FENCE ON SHARP BREAK IN GRADE

STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

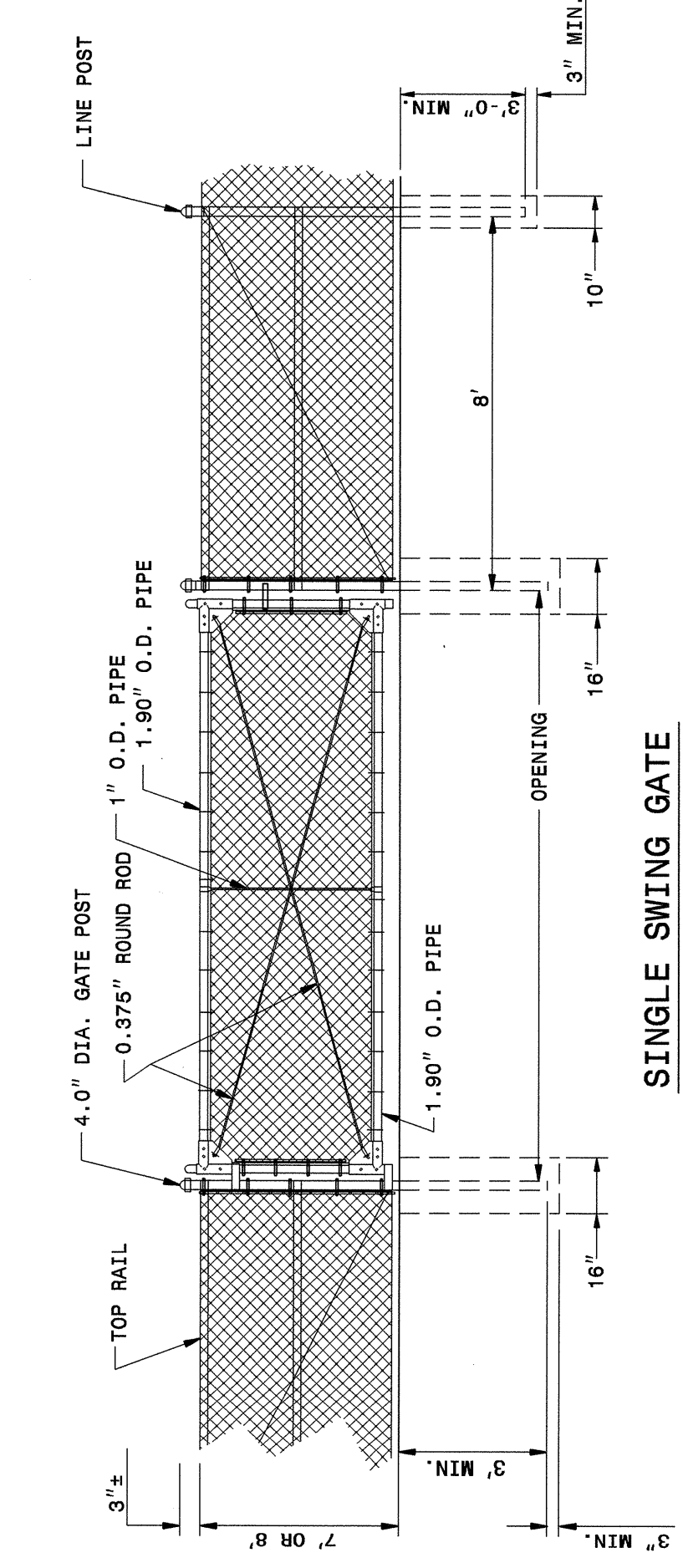
ENGLISH DETAIL DRAWING FOR CHAIN LINK FENCE FOR 7' OR 8' HEIGHT

SHEET 1 OF 3 866D01

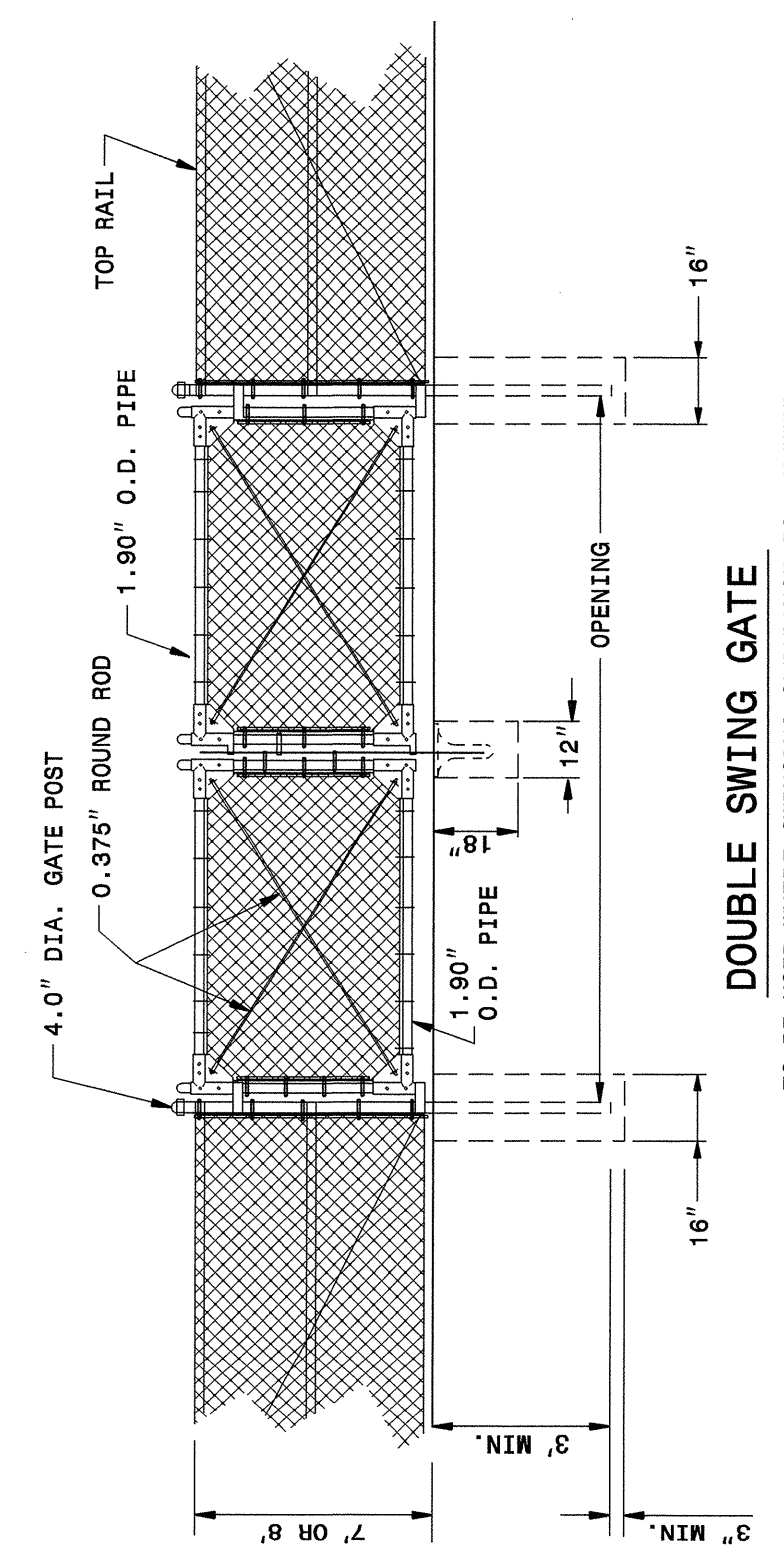
STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR CHAIN LINK FENCE 7' OR 8' HEIGHT

SHEET 2 OF 3 866D01



NOTE: LINE POST MAY BE DRIVEN TO A MINIMUM OF 3'-0" IN LIEU OF CONCRETE ANCHOR UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

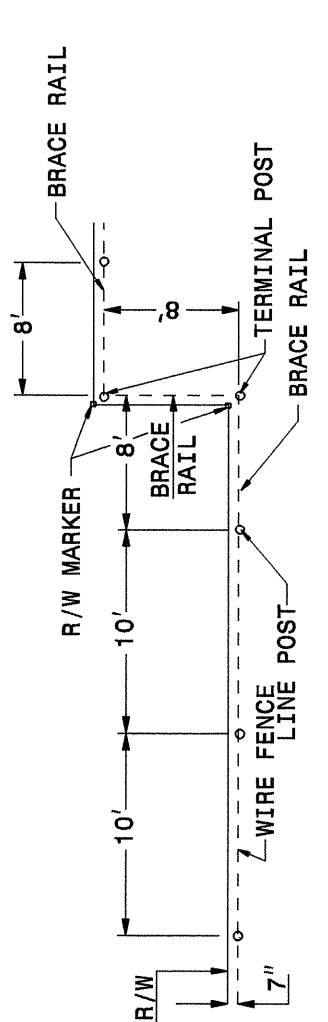
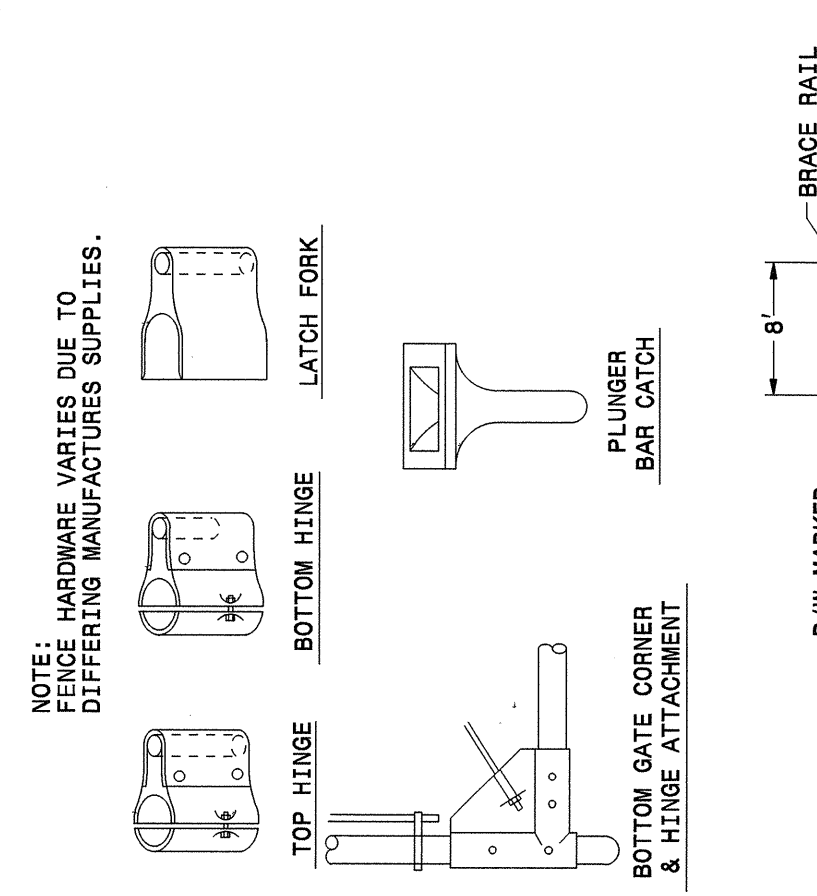


TO BE USED WHERE SWINGING CLEARANCE IS LIMITED

STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

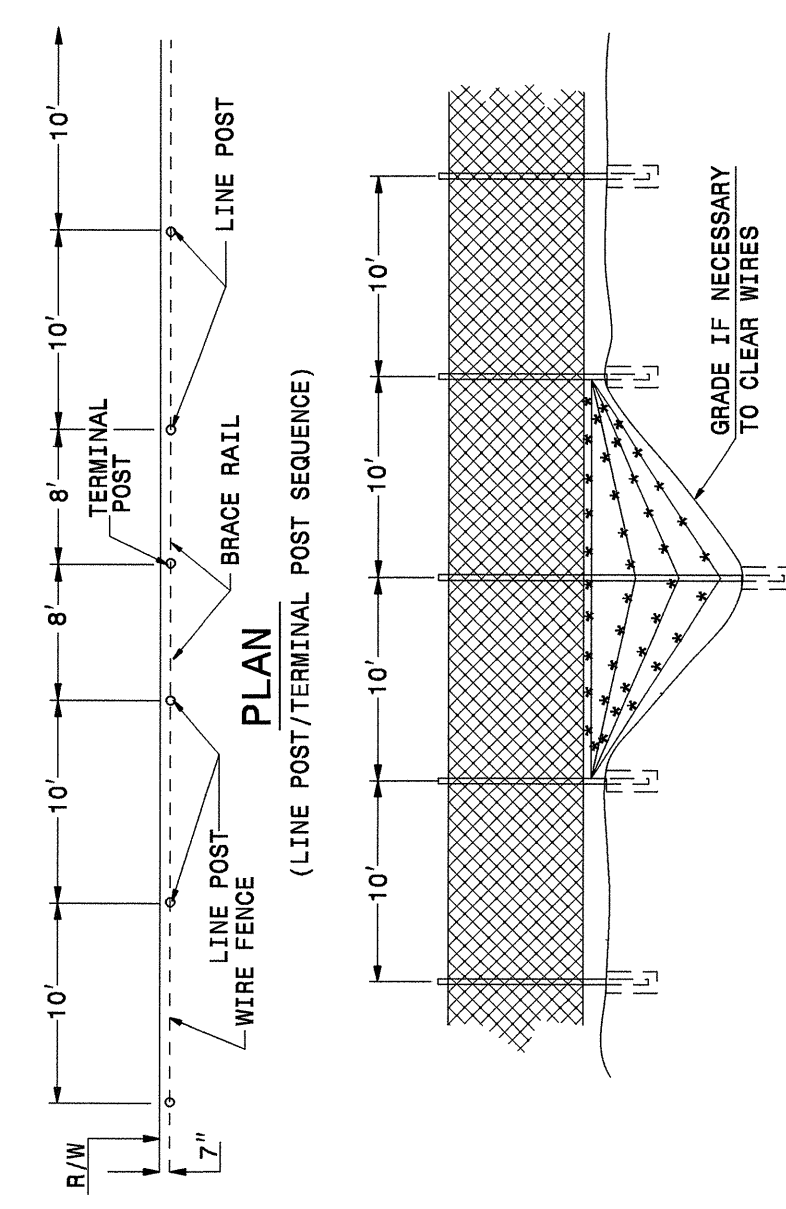
ENGLISH DETAIL DRAWING FOR CHAIN LINK FENCE 7' OR 8' HEIGHT

SHEET 2 OF 3 866D01



PLAN

PLACEMENT OF FENCE ALONG RIGHT OF WAY



PLAN

(LINE POST/TERMINAL POST SEQUENCE)



CONTRACT STANDARDS AND DEVELOPMENT UNIT Office 919-707-6950 FAX 919-250-4119

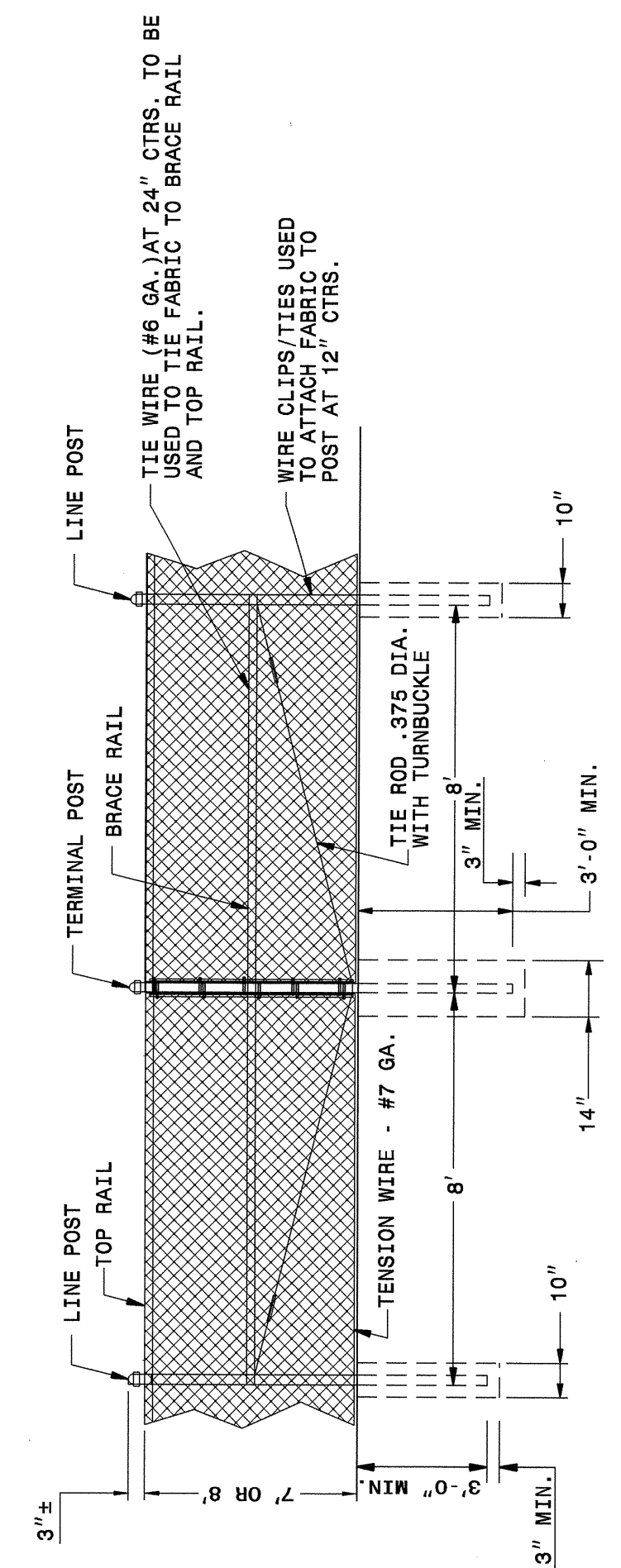
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CHECKED BY: DATE: 4/18/92
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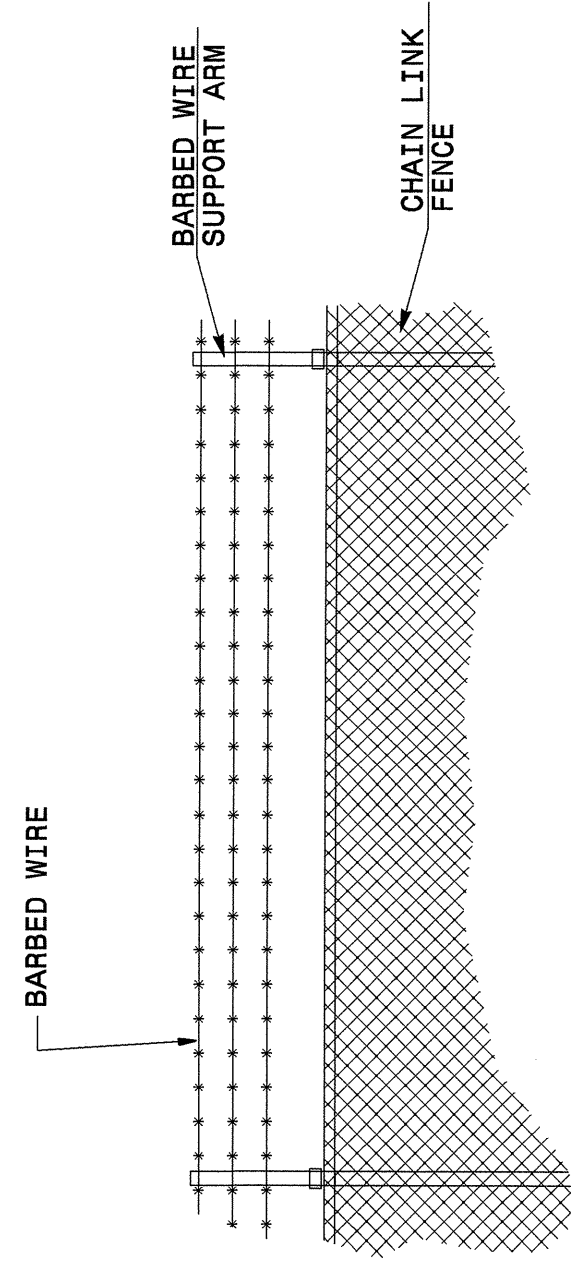
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
CHAIN LINK FENCE
7' OR 8' HEIGHT

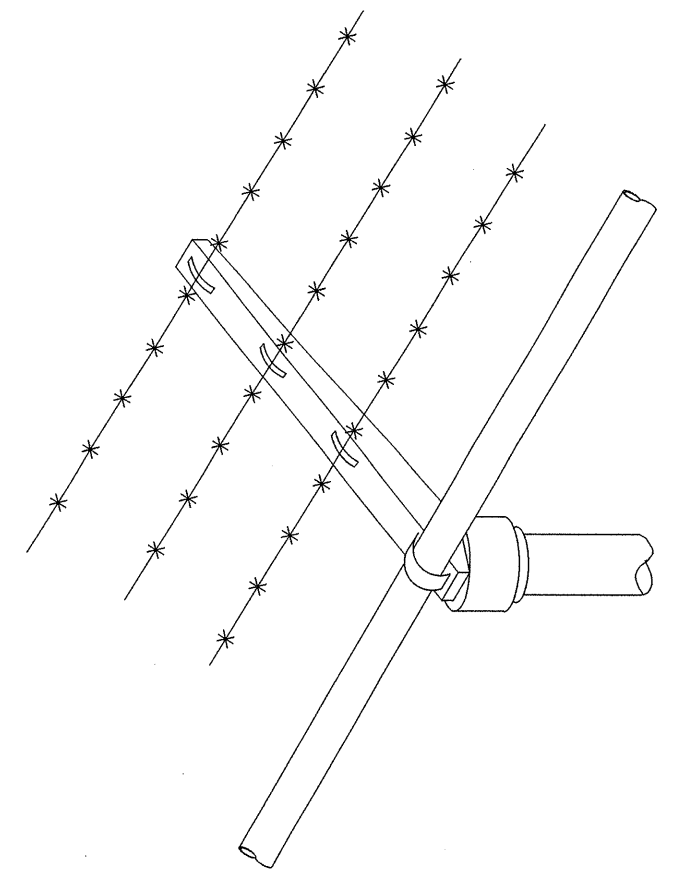
SHEET 3 OF 3
866D01



LINE BRACE DETAIL



TYPICAL BARBED WIRE ATTACHMENT
(WHEN REQUIRED BY PAY ITEM)



BARBED WIRE FENCE SUPPORT ARM

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

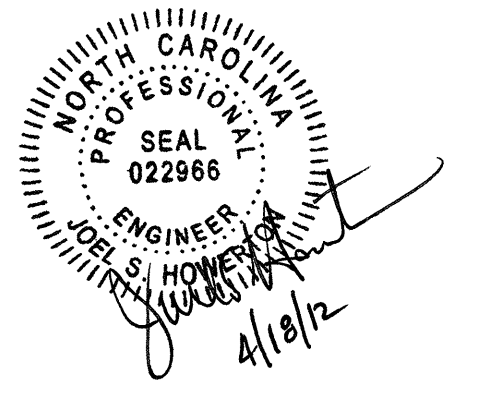
ENGLISH DETAIL DRAWING FOR
CHAIN LINK FENCE
7' OR 8' HEIGHT

SHEET 3 OF 3
866D01

CONTRACT STANDARDS AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

SEE PLATE FOR TITLE

ORIGINAL BY: I.S. Spell DATE: 1-99
 MODIFIED BY: *[Signature]* DATE: 4/18/12
 CHECKED BY: *[Signature]* DATE: 4/18/12
 FILE SPEC.: sc\details\stand\ fence1c1_bw.dgn



 CUSTOMER'S BUSINESS NAME *****

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
SUMMARY OF QUANTITIES

| ItemNumber | Sec # | Quantity | Unit | Description |
|--------------|-------|----------|------|--|
| 0000100000-N | 800 | Lump Sum | | MOBILIZATION |
| 0043000000-N | 226 | Lump Sum | | GRADING |
| 0050000000-E | 226 | 1 | ACR | SUPPLEMENTARY CLEARING & GRUB-BING |
| 0318000000-E | 300 | 638 | TON | FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES |
| 0320000000-E | 300 | 2,000 | SY | FOUNDATION CONDITIONING GEOTEXTILE |
| 0342000000-E | 310 | 84 | LF | *** SIDE DRAIN PIPE (30") |
| 0343000000-E | 310 | 1,615 | LF | 15" SIDE DRAIN PIPE |
| 0344000000-E | 310 | 628 | LF | 18" SIDE DRAIN PIPE |
| 0448300000-E | 310 | 432 | LF | 18" RC PIPE CULVERTS, CLASS IV |
| 0448400000-E | 310 | 274 | LF | 24" RC PIPE CULVERTS, CLASS IV |
| 0448500000-E | 310 | 20 | LF | 30" RC PIPE CULVERTS, CLASS IV |
| 0995000000-E | 340 | 2,074 | LF | PIPE REMOVAL |
| 1220000000-E | 545 | 250 | TON | INCIDENTAL STONE BASE |
| 1491000000-E | 610 | 2,188 | TON | ASPHALT CONC BASE COURSE, TYPE B25.0C |
| 1503000000-E | 610 | 8,500 | TON | ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C |
| 1523000000-E | 610 | 8,100 | TON | ASPHALT CONC SURFACE COURSE, TYPE S9.5C |
| 1575000000-E | 620 | 982 | TON | ASPHALT BINDER FOR PLANT MIX |
| 1891000000-E | SP | 52,000 | SY | GENERIC PAVING ITEM FLEXIBLE PAVEMENT RECLAMATION, 12" |
| 2209000000-E | 838 | 2.3 | CY | ENDWALLS |
| 2286000000-N | 840 | 4 | EA | MASONRY DRAINAGE STRUCTURES |
| 2364000000-N | 840 | 3 | EA | FRAME WITH TWO GRATES, STD 840.16 |
| 2396000000-N | 840 | 1 | EA | FRAME WITH COVER, STD 840.54 |
| 2549000000-E | 846 | 360 | LF | 2'-6" CONCRETE CURB & GUTTER |
| 2612000000-E | 848 | 30 | SY | 6" CONCRETE DRIVEWAY |
| 2759000000-N | SP | 5 | EA | GENERIC PAVING ITEM CONCRETE FLUME |
| 3030000000-E | 862 | 100 | LF | STEEL BM GUARDRAIL |
| 3045000000-E | 862 | 30 | LF | STEEL BM GUARDRAIL, SHOP CURVED |
| 3150000000-N | 862 | 3 | EA | ADDITIONAL GUARDRAIL POSTS |
| 3270000000-N | SP | 1 | EA | GUARDRAIL ANCHOR UNITS, TYPE 350 |
| 3360000000-E | 863 | 186 | LF | REMOVE EXISTING GUARDRAIL |
| 3539000000-E | 866 | 29 | EA | METAL LINE POSTS FOR *** CHAIN LINK FENCE (84") |
| 3545000000-E | 866 | 4 | EA | METAL TERMINAL POSTS FOR *** CHAIN LINK FENCE (84") |
| 3551000000-E | 866 | 4 | EA | METAL GATE POSTS FOR *** CHAIN LINK FENCE, SINGLE GATE (84") |
| 3564000000-E | 866 | 2 | EA | SINGLE GATES, *** HIGH, ** WIDE, ** OPENING (84", 30", 24") |
| 3580000000-E | 866 | 235 | LF | GENERIC FENCING ITEM CHAIN LINK FENCE WITH BARBED WIRE, 84" |
| 4399000000-N | 1105 | Lump Sum | | TEMPORARY TRAFFIC CONTROL |
| 4685000000-E | 1205 | 47,822 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) |
| 4686000000-E | 1205 | 39,901 | LF | THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS) |
| 4725000000-E | 1205 | 10 | EA | THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) |
| 4810000000-E | 1205 | 90,000 | LF | PAINT PAVEMENT MARKING LINES (4") |
| 4845000000-N | 1205 | 10 | EA | PAINT PAVEMENT MARKING SYMBOL |
| 4900000000-N | 1251 | 390 | EA | PERMANENT RAISED PAVEMENT MARKERS |
| 5326200000-E | 1510 | 3,000 | LF | 12" WATER LINE |
| 5538000000-E | 1515 | 5 | EA | 4" VALVE |
| 5540000000-E | 1515 | 2 | EA | 6" VALVE |
| 5558000000-E | 1515 | 4 | EA | 12" VALVE |
| 5648000000-N | 1515 | 15 | EA | RELOCATE WATER METER |

| ItemNumber | Sec # | Quantity | Unit | Description |
|--------------|-------|----------|------|--|
| 5649000000-N | 1515 | 15 | EA | RECONNECT WATER METER |
| 5672000000-N | 1515 | 2 | EA | RELOCATE FIRE HYDRANT |
| 5709100000-E | 1520 | 20 | LF | 2" FORCE MAIN SEWER |
| 5709200000-E | 1520 | 2,575 | LF | 4" FORCE MAIN SEWER |
| 5709300000-E | 1520 | 2,470 | LF | 6" FORCE MAIN SEWER |
| 5798000000-E | 1530 | 350 | LF | ABANDON *** UTILITY PIPE (4") |
| 5800000000-E | 1530 | 350 | LF | ABANDON 6" UTILITY PIPE |
| 5804000000-E | 1530 | 2,980 | LF | ABANDON 12" UTILITY PIPE |
| 5816000000-N | 1530 | 1 | EA | ABANDON UTILITY MANHOLE |
| 5835600000-E | 1540 | 180 | LF | 12" ENCASEMENT PIPE |
| 5882000000-N | SP | 3 | EA | GENERIC UTILITY ITEM 4" CHECK VALVE ASSEMBLY WITH MANHOLE |
| 5882000000-N | SP | 3 | EA | GENERIC UTILITY ITEM RECONNECT EXIST PRESSURE SEWER SERVICES |
| 6000000000-E | 1605 | 2,690 | LF | TEMPORARY SILT FENCE |
| 6009000000-E | 1610 | 260 | TON | STONE FOR EROSION CONTROL, CLASS B |
| 6012000000-E | 1610 | 260 | TON | SEDIMENT CONTROL STONE |
| 6015000000-E | 1615 | 9 | ACR | TEMPORARY MULCHING |
| 6029000000-E | SP | 2,000 | LF | SAFETY FENCE |
| 6030000000-E | 1630 | 20 | CY | SILT EXCAVATION |
| 6036000000-E | 1631 | 7,500 | SY | MATTING FOR EROSION CONTROL |
| 6037000000-E | SP | 1,475 | SY | COIR FIBER MAT |
| 6042000000-E | 1632 | 630 | LF | 1/4" HARDWARE CLOTH |
| 6069000000-E | 1638 | 434 | CY | STILLING BASINS |
| 6071012000-E | SP | 1,524 | LF | COIR FIBER WATTLE |
| 6071020000-E | SP | 115 | LB | POLYACRYLAMIDE (PAM) |
| 6071030000-E | 1640 | 428 | LF | COIR FIBER BAFFLE |
| 6084000000-E | 1660 | 6.1 | ACR | SEEDING & MULCHING |
| 6090000000-E | 1661 | 420 | LB | SEED FOR REPAIR SEEDING |
| 6093000000-E | 1661 | 3 | TON | FERTILIZER FOR REPAIR SEEDING |
| 6096000000-E | 1662 | 200 | LB | SEED FOR SUPPLEMENTAL SEEDING |
| 6108000000-E | 1665 | 2 | TON | FERTILIZER TOPDRESSING |
| 6117000000-N | SP | 5 | EA | RESPONSE FOR EROSION CONTROL |

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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
PARCEL INDEX SHEET

| PARCEL NO. | PROPERTY OWNERS NAME | TOTAL ACREAGE | R / W TAKEN | AREA REMAINING RIGHT | AREA REMAINING LEFT | TEMPORARY CONSTR. EASEMENT | PERMANENT DRAINAGE EASEMENT | TEMPORARY DRAINAGE EASEMENT | PERMANENT UTILITY EASEMENT | PARCEL NO. | PROPERTY OWNERS NAME | TOTAL ACREAGE | R / W TAKEN | AREA REMAINING RIGHT | AREA REMAINING LEFT | TEMPORARY CONSTR. EASEMENT | PERMANENT DRAINAGE EASEMENT | TEMPORARY DRAINAGE EASEMENT | PERMANENT UTILITY EASEMENT |
|------------|--------------------------------|---------------|--------------|----------------------|---------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|------------|-------------------------------|---------------|-------------|----------------------|---------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|
| 1 | JEANETTE MOORE | 1.28 Ac | 16,629.06 Sf | | 0.90 Ac | | | | 1,974 Sf | 31 | RANDOLPH SCOTT | 21,780 Sf | 0 Sf | | 21,780 Sf | | | | 914 Sf |
| - | RIGHTMYER MACHINES RENTALS INC | 11.61 Ac | 0 Sf | 11.61 Ac | | | | | | 32 | TRUMAN THOMAS | 436 Sf | 0 Sf | | 436 Sf | | | | 6 Sf |
| - | JEANETTE MOORE | 1.53 Ac | 0 Sf | 1.53 Ac | | | | | 2,185 Sf | 32 | TRUMAN THOMAS | 13,504 Sf | 0 Sf | | 13,504 Sf | | | | 589 Sf |
| - | A & E PORTABLE RESTROOMS, INC | 2.0 Ac | 0 Sf | 2.0 Ac | | | | | | 33 | HERBERT COPELAND, JR | 23,958 Sf | 0 Sf | | 23,958 Sf | | | | 1,015 Sf |
| 1 | JEANETTE MOORE | 2.40 Ac | 0 Sf | 2.40 Ac | | | | | 2,371 Sf | 34 | MRS EDWARDS KING HEIRS | 2.00 Ac | 0 Sf | | 2.00 Ac | | | | 3,799 Sf |
| 1 | JEANETTE MOORE | 2.80 Ac | 0 Sf | 2.80 Ac | | | | | 1,442 Sf | 35 | MARSHALL GRANT | 1.37 Ac | 0 Sf | 1.37 Ac | | | | | 3,458 Sf |
| 2 | JAMES REDWINE | 31.45 Ac | 0 Sf | 31.45 Ac | | | | | | 36 | MRS MILDRED GRANT BOLTON | 27.50 Ac | 0 Sf | | 27.50 Ac | | | | 14,777 Sf |
| 3 | SUSIE M LEE | 12.10 Ac | 0 Sf | | 12.10 Ac | | | | 8,107 Sf | 37 | MCKINLEY THOMAS REV LIV TRUST | 14.08 Ac | 8,508 Sf | 13.88Ac | | | | | |
| 4 | MICHAEL H WRAY | 6.29 Ac | 0 Sf | 6.29 Ac | | | | | 5,642 Sf | 38 | R DONNELL THOMAS | 15.84 Ac | 5,043 Sf | 15.72 Ac | | | 1,166 Sf | | |
| 5 | MARIO L EDMONDS | 29,621 Sf | 0 Sf | | 29,621 Sf | | | | 1,012 Sf | 39 | LEROY D THOMAS | 43,560 Sf | 2,648 Sf | 40,912 Sf | | | | | |
| 6 | MORRIS SHEARIN | 29.67 Ac | 0 Sf | 29.67 Ac | | | | | 13,954 Sf | 36 | MRS MILDRED GRANT BOLTON | 60.80 Ac | 0 Sf | | 60.80 Ac | | | | 8,530 Sf |
| 7 | BARBARA UNDERDUE HEIRS | 26,136 Sf | 0 Sf | | 26,136 Sf | | | | 981 Sf | 40 | NORTHAMPTON COUNTY | 273.17 Ac | 136,165 Sf | 270.04 Ac | | | | | 131,366 Sf |
| 8 | MAXINE S UNDERDUE | 26,136 Sf | 0 Sf | | 26,136 Sf | | | | 998 Sf | 41 | ELIZABETH S ROBINSON | 80.40 Ac | 0 Sf | | 80.40 Ac | | | | 15,149 Sf |
| 9 | YVONNE SYKES | 26,136 Sf | 0 Sf | | 26,136 Sf | | | | 1,017 Sf | 42 | 510 REPP ONE LLC | 25.00 Ac | 0 Sf | | 25.00 Ac | | | | 4,466 Sf |
| 10 | RANDOLPH SCOTT | 13,068 Sf | 0 Sf | | 13,068 Sf | | | | 552 Sf | 43 | NORTHAMPTON COUNTY | 200.42 Ac | 34,146 Sf | | 199.64 Ac | | | | 16,756 Sf |
| 11 | LINWOOD R SQUIRE | 13,068 Sf | 0 Sf | | 13,068 Sf | | | | 491 Sf | 44 | RAYMOND FLOYD, JR | 40,075 Sf | 0 Sf | | 40,075 Sf | | | | 1,139 Sf |
| 12 | MELVIN W SCOTT | 13,068 Sf | 0 Sf | | 13,068 Sf | | | | 498 Sf | 45 | ELNORA MOODY | 15,246 Sf | 0 Sf | | 15,246 Sf | | | | 522 Sf |
| 13 | JULIA UNDERDUE | 26,136 Sf | 0 Sf | | 26,136 Sf | | | | 974 Sf | 46 | LEBANON CHURCH | 2.33 Ac | 0 Sf | | 2.33 Ac | | | | 3,349 Sf |
| 14 | LENA BRADLEY MALLORY HEIRS | 26,136 Sf | 0 Sf | | 26,136 Sf | | | | 1,025 Sf | 47 | J T HARGRAVE | 62.34 Ac | 22,707 Sf | | 61.82 Ac | | | | |
| 15 | HAMILTON DARDEN | 13,068 Sf | 0 Sf | 13,068 Sf | | | | | 2,520 Sf | - | LOUISE MOORE | 43,560 Sf | 0 Sf | | 43,560 Sf | | | | |
| 16 | JULIAN ROBINSON | 13,068 Sf | 0 Sf | | 13,068 Sf | | | | 499 Sf | - | LINWOOD MCDANIEL ROBINSON | 30,928 Sf | 0 Sf | | 30,928 Sf | | | | |
| 17 | CHARLES LUTER | 26,136 Sf | 0 Sf | | 26,136 Sf | | | | 1,001 Sf | 48 | ANTHONY L ROBINSON | 23,958 Sf | 4,406 Sf | | 19,552 Sf | | | | |
| 15 | HAMILTON DARDEN | 8,712 Sf | 0 Sf | 8,712 Sf | | | | | 1,903 Sf | 49 | VALERIE E CREW | 54.60 Ac | 24,657 Sf | 54.03 Ac | | | | | |
| 18 | MORRIS LEE SHEARIN | 26,136 Sf | 0 Sf | | 26,136 Sf | | | | 989 Sf | 50 | DOROTHY A NEWMAN | 3.44 Ac | 1,822 Sf | | 3.40 Ac | | | | |
| 19 | HAMILTON & LOISE DARDEN | 13,068 Sf | 0 Sf | 13,068 Sf | | | | | 2,074 Sf | 51 | HAROLD W WRAY | 3.63 Ac | 1,312 Sf | | 3.60 Ac | 638 Sf | | | |
| 20 | WILBERT E MOODY | 26,136 Sf | 0 Sf | | 26,136 Sf | | | | 1,000 Sf | 52 | CECILIA B TURNER | 43,560 Sf | 0 Sf | | 43,560 Sf | 1,187 Sf | | | |
| 19 | HAMILTON & LOISE DARDEN | 13,068 Sf | 0 Sf | 13,068 Sf | | | | | 1,956 Sf | 53 | RICHARD L SCOTT, SR | 43,560 Sf | 0 Sf | | 43,560 Sf | 1,100 Sf | | | |
| 21 | CAROLYN VASSOR | 26,136 Sf | 0 Sf | | 26,136 Sf | | | | 1,001 Sf | 54 | REUBEN F ALSTON | 30,928 Sf | 0 Sf | | 30,928 Sf | 581 Sf | | | |
| 22 | KINGS OF GIDEON LODGE | 12,197 Sf | 0 Sf | 12,197 Sf | | | | | 2,464 Sf | 55 | MILDRED KING | 1.37 Ac | 0 Sf | | 1.37 Ac | 1,247 Sf | | | |
| 23 | GEORGE BAKER HEIRS | 32,670 Sf | 0 Sf | | 32,670 Sf | | | | 1,192 Sf | 56 | DARRYL S GARNER | 43,560 Sf | 0 Sf | 43,560 Sf | | 584 Sf | | | |
| 24 | RAYMOND B COLLIER | 26.82 Ac | 0 Sf | 26.82 Ac | | | | | 22,697 Sf | 57 | DONALD C GARNER | 2.00 Ac | 0 Sf | 2.00 Ac | | 557 Sf | | | |
| 25 | EVERETT TITUS LEE | 25,700 Sf | 0 Sf | | 25,700 Sf | | | | 955 Sf | 58 | NAPOLEON KING | 32,670 Sf | 0 Sf | | 32,670 Sf | 615 Sf | | | |
| 26 | JOHNNIE LEE, JR | 6,970 Sf | 0 Sf | | 6,970 Sf | | | | 345 Sf | 59 | DONALD M GARNER | 22,651 Sf | 0 Sf | 22,651 Sf | | 359 Sf | | | |
| 27 | ROBERT RUFFIN | 8,276 Sf | 0 Sf | | 8,276 Sf | | | | 910 Sf | 60 | DONALD C GARNER | 34,412 Sf | 0 Sf | 34,412 Sf | | 397 Sf | | | |
| 28 | MARGARET A CLARK | 42,253 Sf | 0 Sf | | 42,253 Sf | | | | 1,142 Sf | 61 | GLYNNIS L GARNER | 33,541 Sf | 0 Sf | | 33,541 Sf | 642 Sf | | | |
| 29 | CARL E SCOTT | 34,848 Sf | 0 Sf | | 34,848 Sf | | | | 1,491 Sf | 62 | JOHN G DANIEL, JR | 213.22 Ac | 0 Sf | 213.22 Ac | | 11,060 Sf | | | |
| 30 | WAVERLY PRINCE HEIRS | 34,848 Sf | 0 Sf | | 34,848 Sf | | | | 1,475 Sf | 63 | ANNIE L GARNER | 34,848 Sf | 0 Sf | | 34,848 Sf | 592 Sf | | | |

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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
PARCEL INDEX SHEET

10/26/98

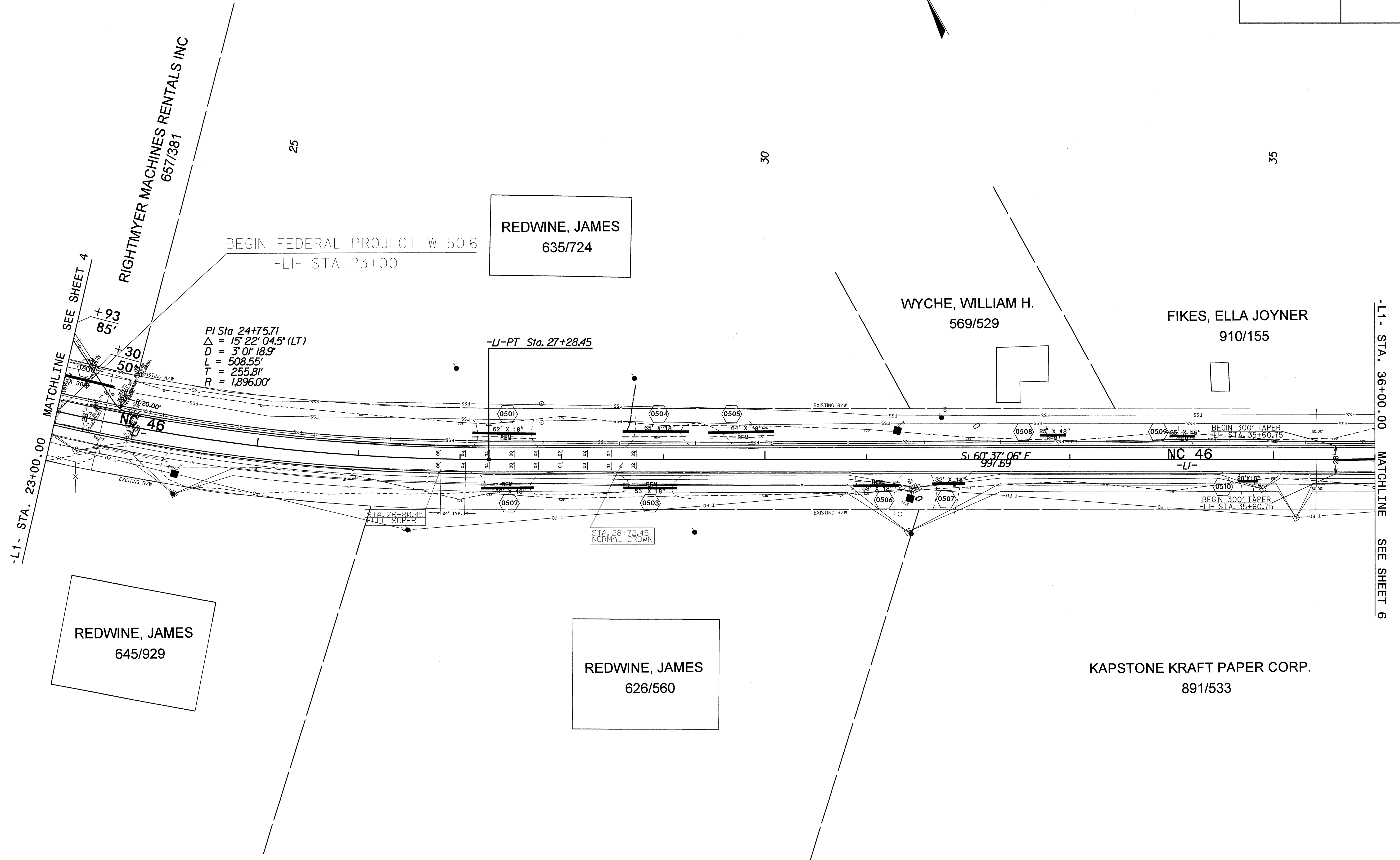
| PARCEL NO. | PROPERTY OWNERS NAME | TOTAL ACREAGE | R / W TAKEN | AREA REMAINING RIGHT | AREA REMAINING LEFT | TEMPORARY CONSTR. EASEMENT | PERMANENT DRAINAGE EASEMENT | TEMPORARY DRAINAGE EASEMENT | PERMANENT UTILITY EASEMENT | PARCEL NO. | PROPERTY OWNERS NAME | TOTAL ACREAGE | R / W TAKEN | AREA REMAINING RIGHT | AREA REMAINING LEFT | CONSTR. EASEMENT | PERMANENT DRAINAGE EASEMENT | TEMPORARY DRAINAGE EASEMENT | PERMANENT UTILITY EASEMENT | |
|------------|----------------------------|---------------|-------------|----------------------|---------------------|----------------------------|-----------------------------|-----------------------------|----------------------------|------------|----------------------|---------------|-------------|----------------------|---------------------|------------------|-----------------------------|-----------------------------|----------------------------|--|
| 64 | ANITA L GARNER | 2.47 Ac | 0 Sf | | 2.47 Ac | | | | | | | | | | | | | | | |
| 65 | JOHN G DANIEL, JR | 33.59 Ac | 11,594 Sf | | 33.32 Ac | | | | | | | | | | | | | | | |
| 66 | N R TURNER HEIRS | 35.50 Ac | 10,322 Sf | | 35.26 Ac | | | | | | | | | | | | | | | |
| 67 | ELIZABETH F RASH LIV TRUST | 44.06 Ac | 4,434 Sf | 43.96 Ac | | | | | 20,315 Sf | | | | | | | | | | | |
| 68 | MARY J COOKE HEIRS | 1.90 Ac | 17,712 Sf | | 1.49 Ac | | | | | | | | | | | | | | | |
| 69 | I-95 ENTERPRISES, LLC | 20.94 Ac | 4,025 Sf | 20.85 Ac | | | | | | | | | | | | | | | | |
| 70 | ROBERT E FISHER | 5.90 Ac | 4,527 Sf | | 5.80 Ac | | | | | | | | | | | | | | | |
| - | JAMES A ALSTON | 2.70 Ac | 0 Sf | | 2.70 Ac | | | | | | | | | | | | | | | |
| - | JAMES A ALSTON | 3.30 Ac | 0 Sf | | 3.30 Ac | | | | | | | | | | | | | | | |
| - | JAMES A ALSTON | 2.30 Ac | 0 Sf | | 2.30 Ac | | | | | | | | | | | | | | | |
| - | JAMES A ALSTON | 3.51 Ac | 0 Sf | | 3.51 Ac | | | | | | | | | | | | | | | |
| - | LARRY PLUM | 43,560 Sf | 0 Sf | | 43,560 Sf | | | | | | | | | | | | | | | |
| - | JAMES REDWINE | 9.42 Ac | 0 Sf | 9.42 Ac | | | | | | | | | | | | | | | | |
| - | PAUL PORCH HEIRS | 12.00 Ac | 0 Sf | 12.00 Ac | | | | | | | | | | | | | | | | |
| - | TRUESONG PORCH HEIRS | 12.00 Ac | 0 Sf | 12.00 Ac | | | | | | | | | | | | | | | | |
| - | ROSA SHEARIN | 43,560 Sf | 0 Sf | 43,560 Sf | | | | | | | | | | | | | | | | |
| - | GUS MOORE HEIRS | 18.00 Ac | 0 Sf | 18.00 Ac | | | | | | | | | | | | | | | | |
| - | ELLIS SQUIRE | 43,560 Sf | 0 Sf | 43,560 Sf | | | | | | | | | | | | | | | | |
| - | ROGER PORCH HEIRS | 25.00 Ac | 0 Sf | 25.00 Ac | | | | | | | | | | | | | | | | |
| - | JEREMIAH DANIELS | 10,019 Sf | 0 Sf | 10,019 Sf | | | | | | | | | | | | | | | | |

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|--|---------------------|
| PROJECT REFERENCE NO. W-5016 & R-5519 | SHEET NO. 5 |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |

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REVISIONS



-LI- STA. 23+00.00 MATCHLINE
 SEE SHEET 4

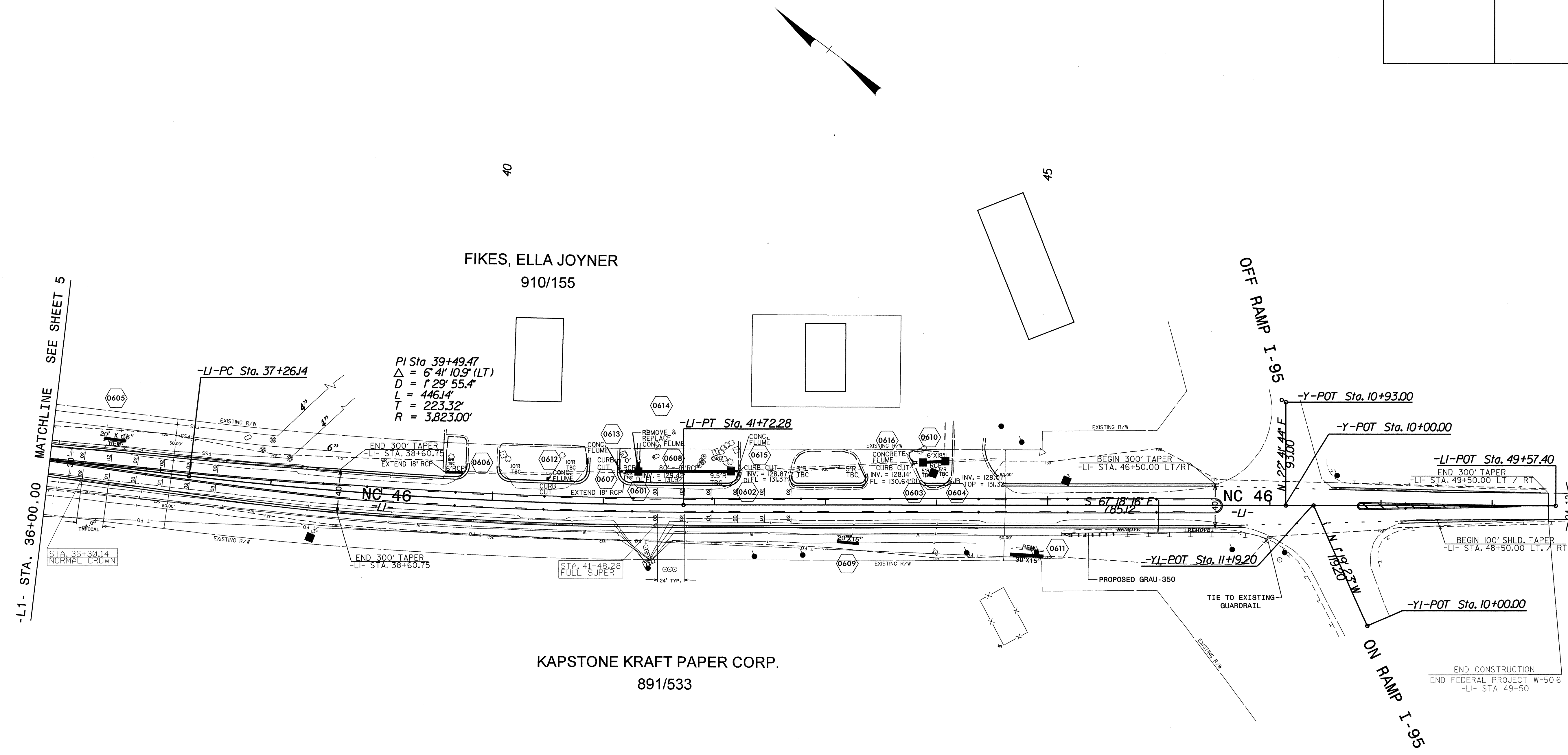
-LI- STA. 36+00.00 MATCHLINE
 SEE SHEET 6

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| PROJECT REFERENCE NO. W-5016 & R-5519 | SHEET NO. 6 |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |

8/17/99

REVISIONS

05-APR-2012 11:48
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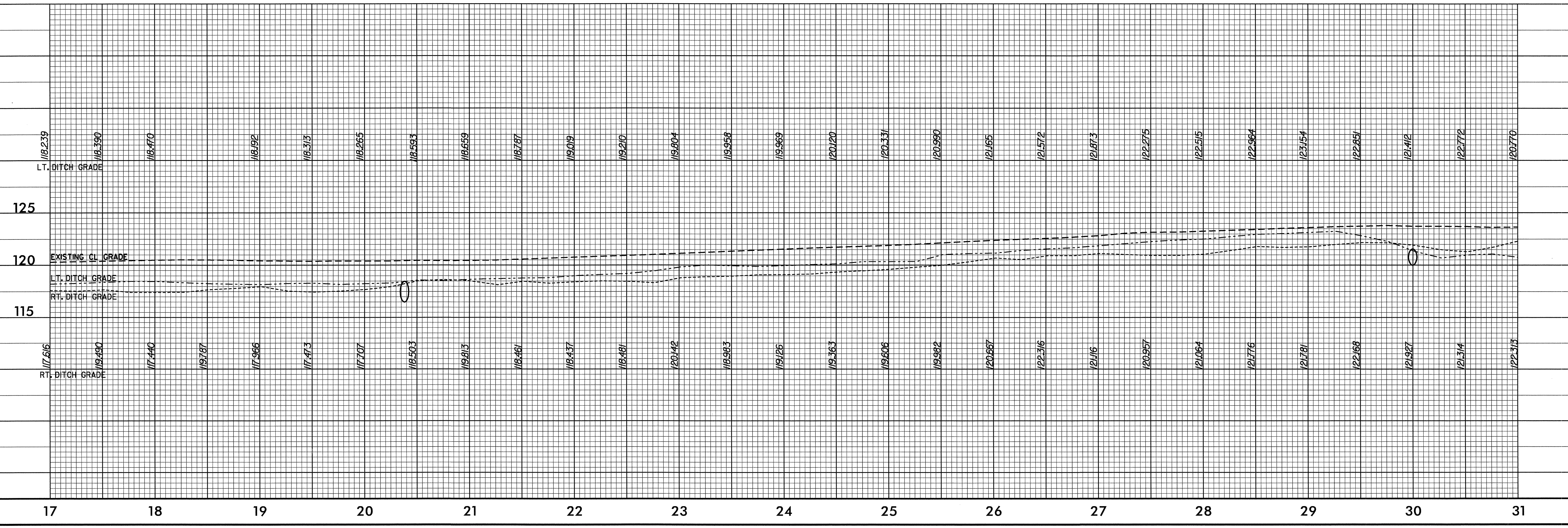
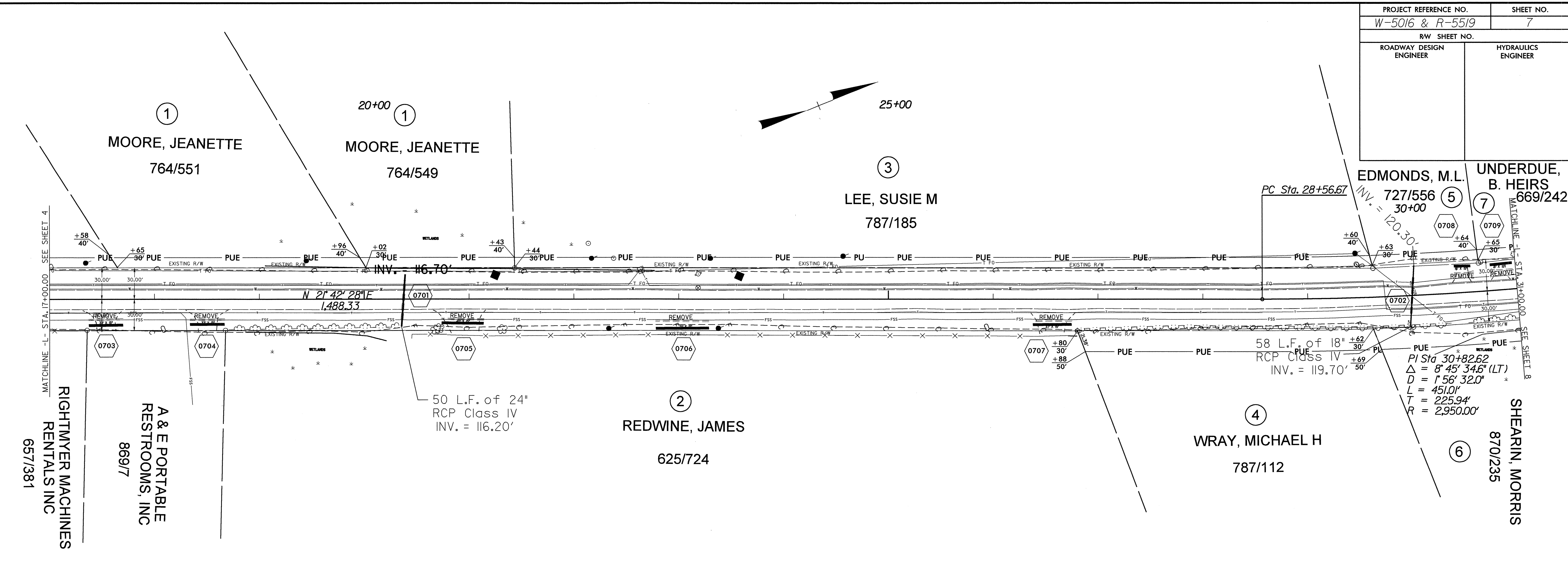
-L1- STA. 36+00.00 MATCHLINE SEE SHEET 5

OFF RAMP I-95

ON RAMP I-95

END CONSTRUCTION
 END FEDERAL PROJECT W-5016
 -LI- STA 49+50

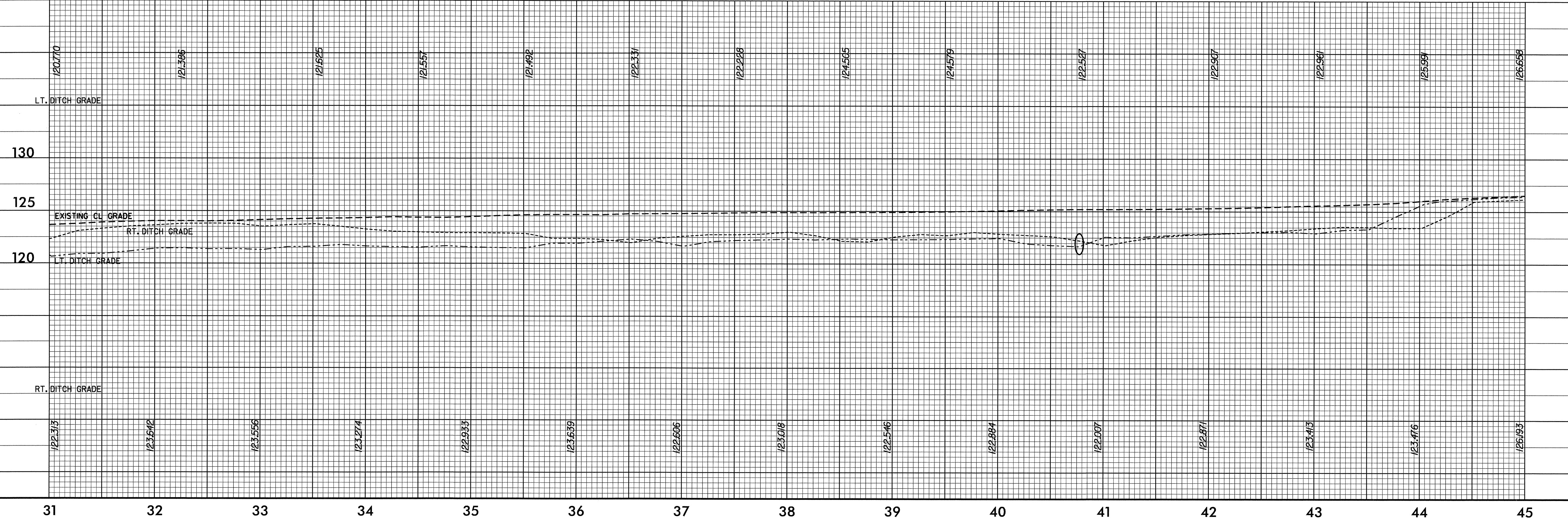
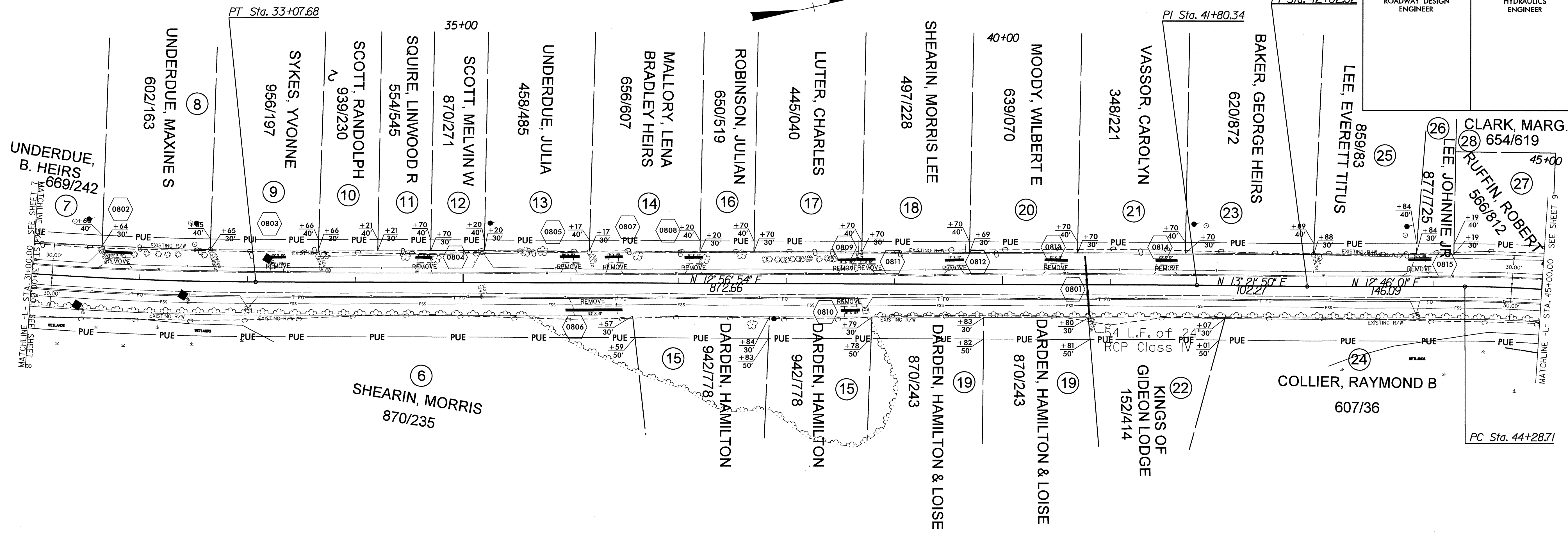
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| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |



REVISIONS
 Revised P.U.E. Station and Offsets -
 Jun. 6, 2012

8/17/99
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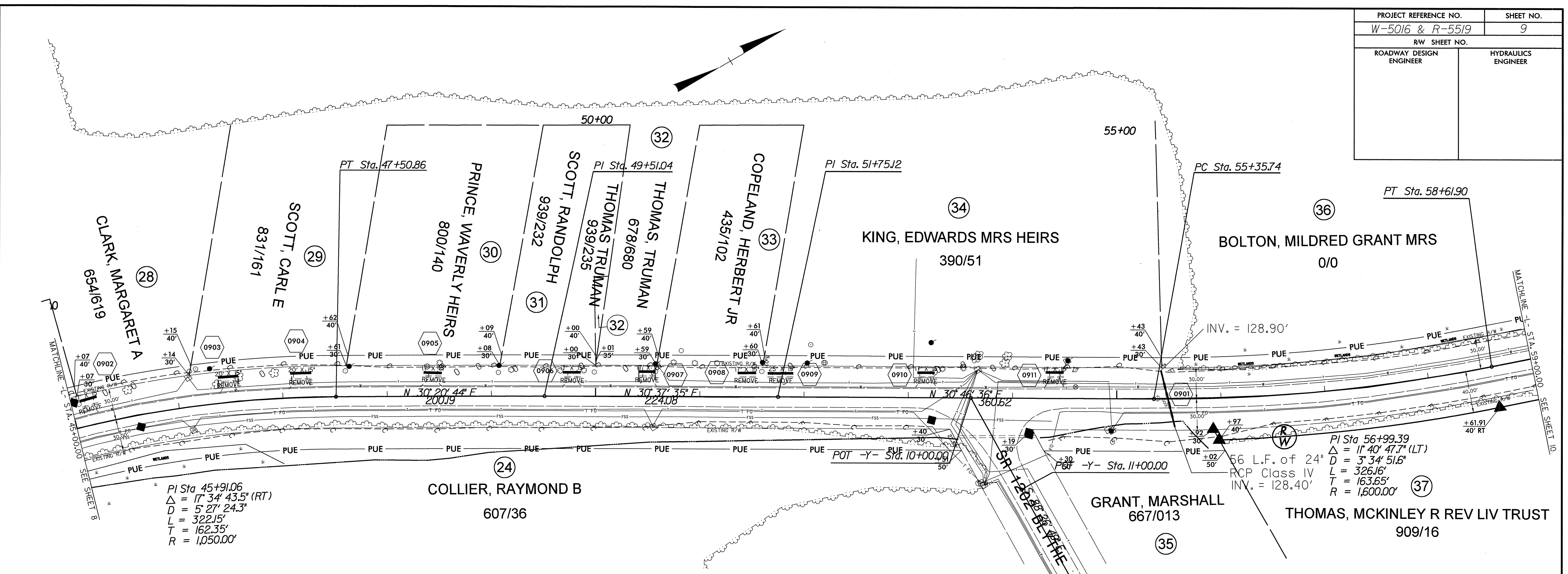


REVISIONS

8/17/99

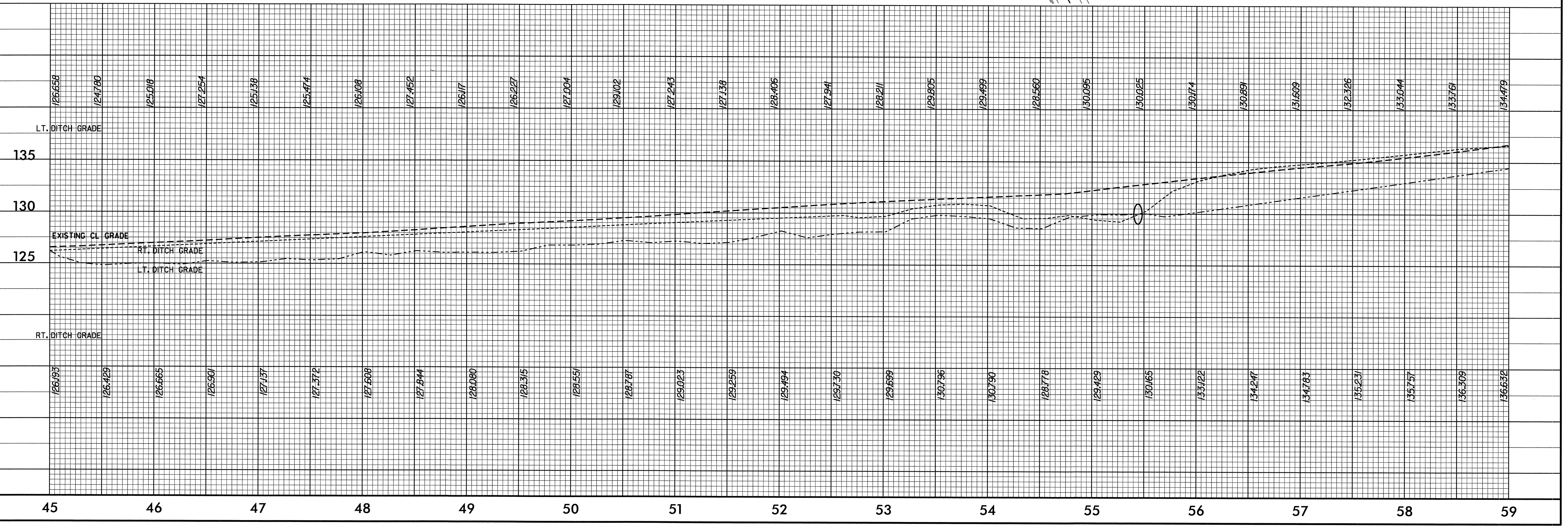
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| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |



* PI Sta 45+91.06
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 $D = 5' 27'' 24.3''$
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 $T = 162.35'$
 $R = 1,050.00'$

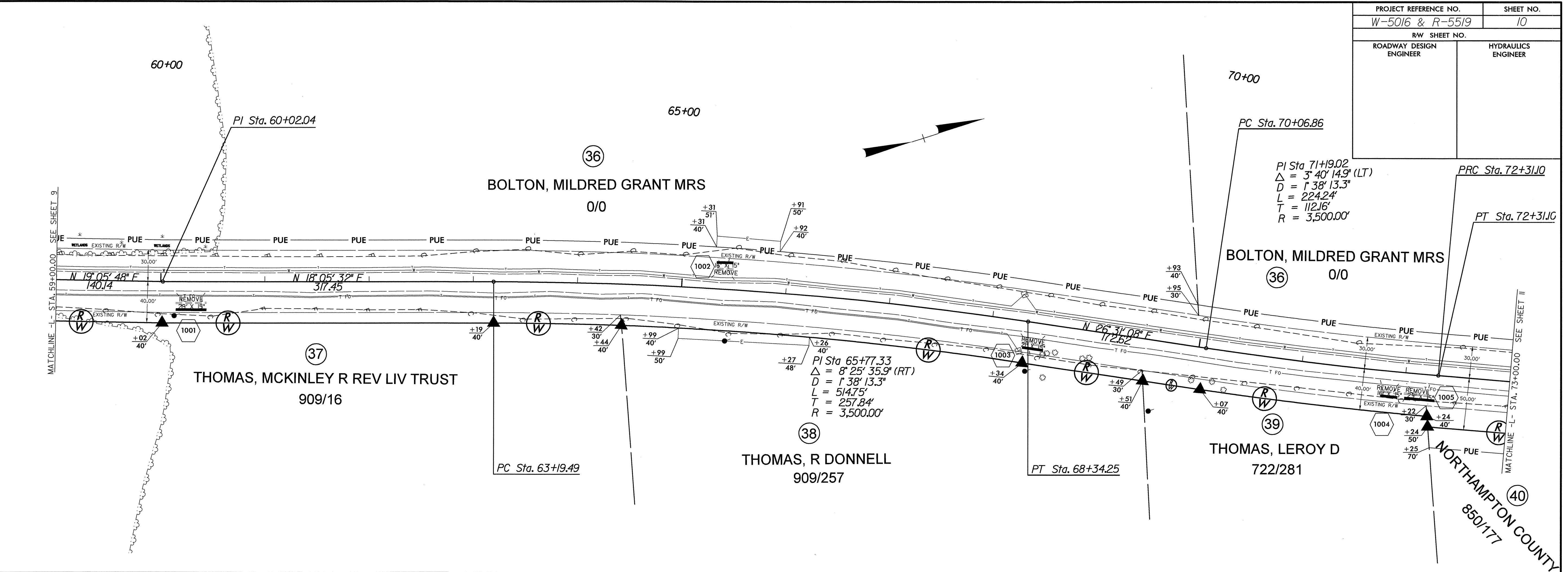
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8/17/99
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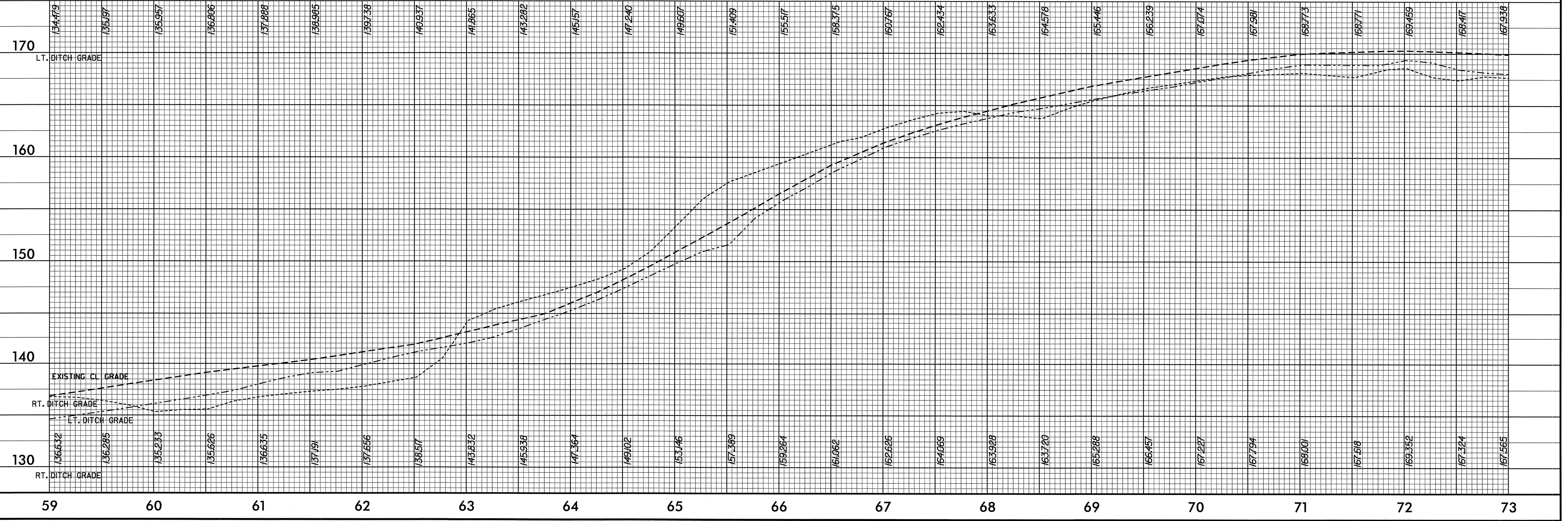
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| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |

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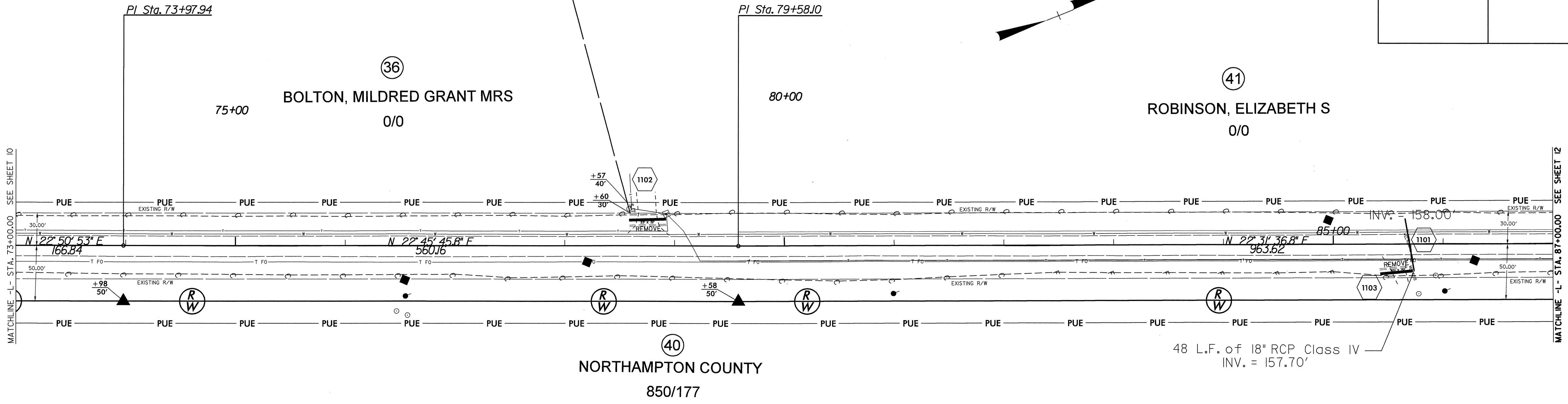


REVISIONS

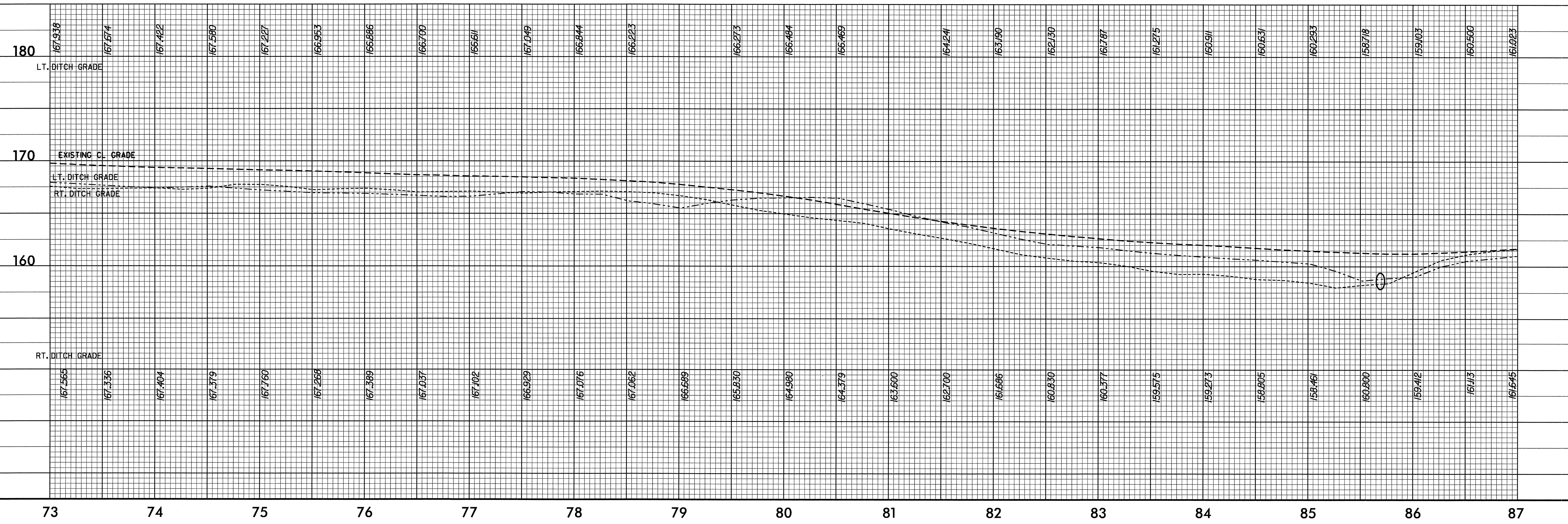
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| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |



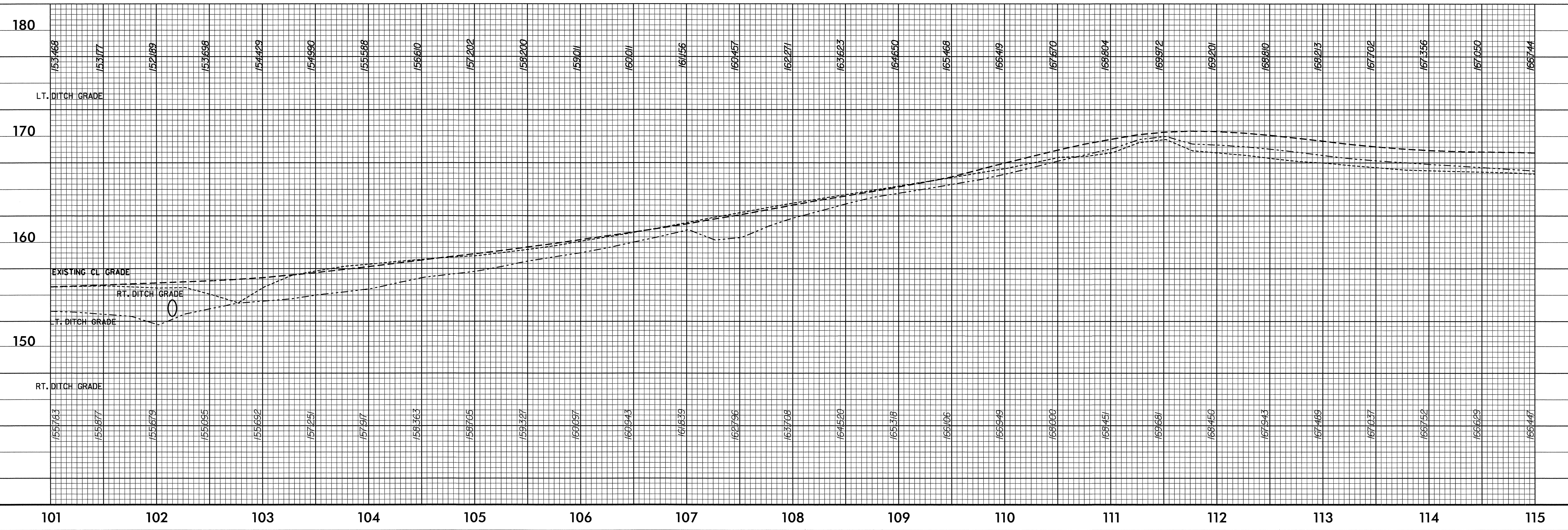
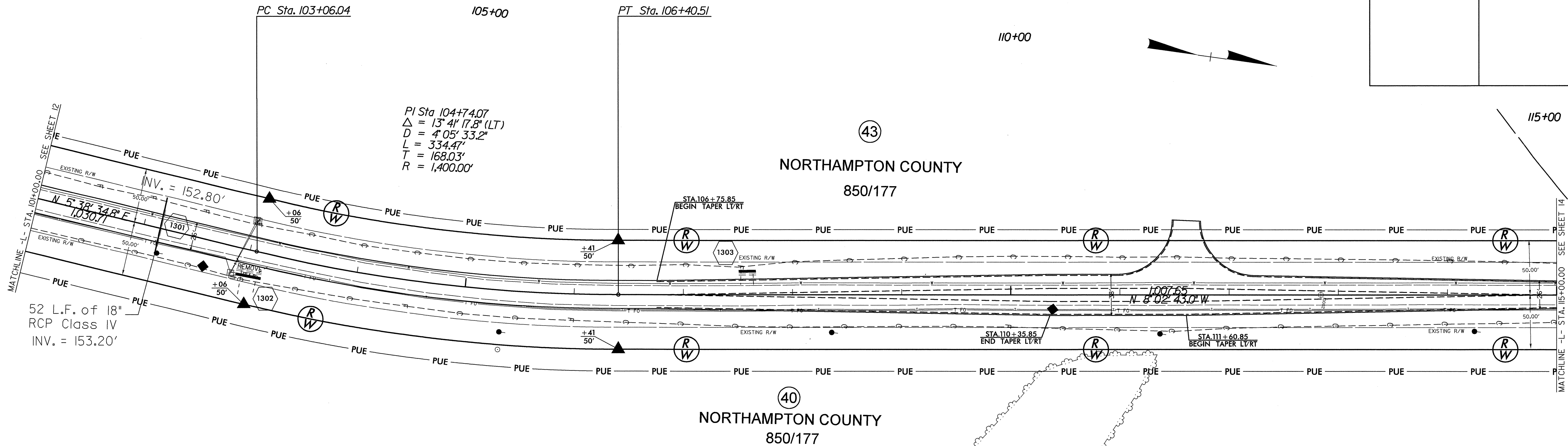
REVISIONS



8/17/99

02 APR 2012 09:45
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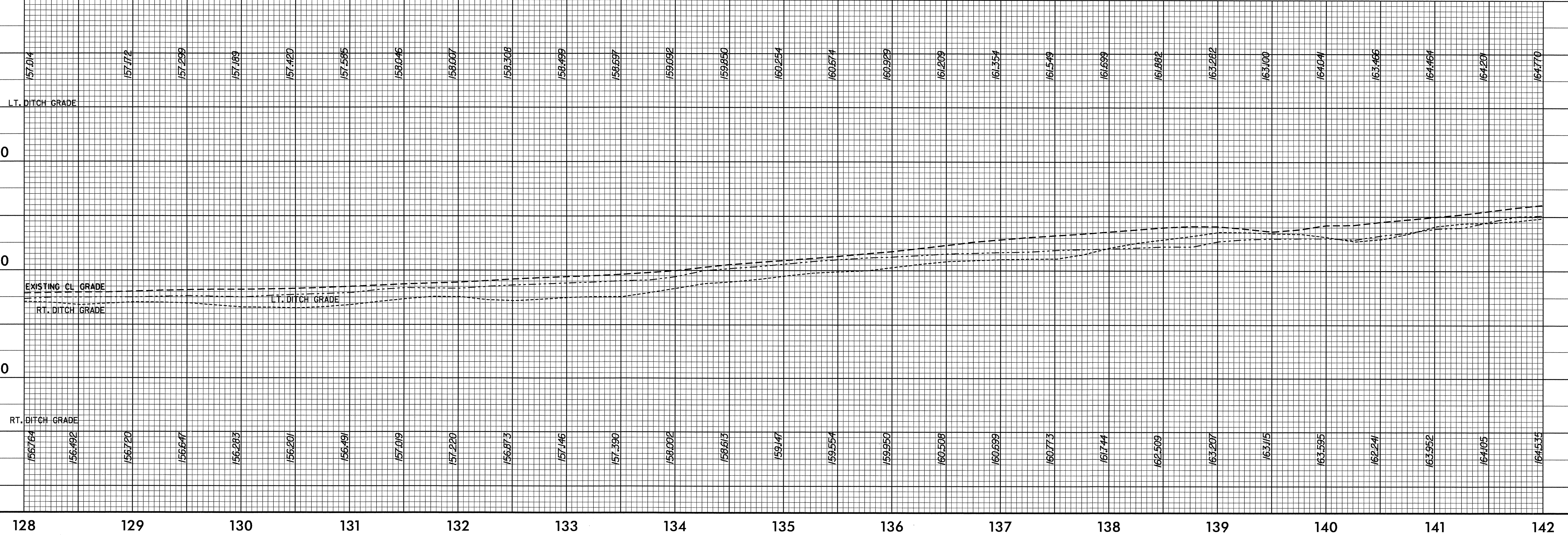
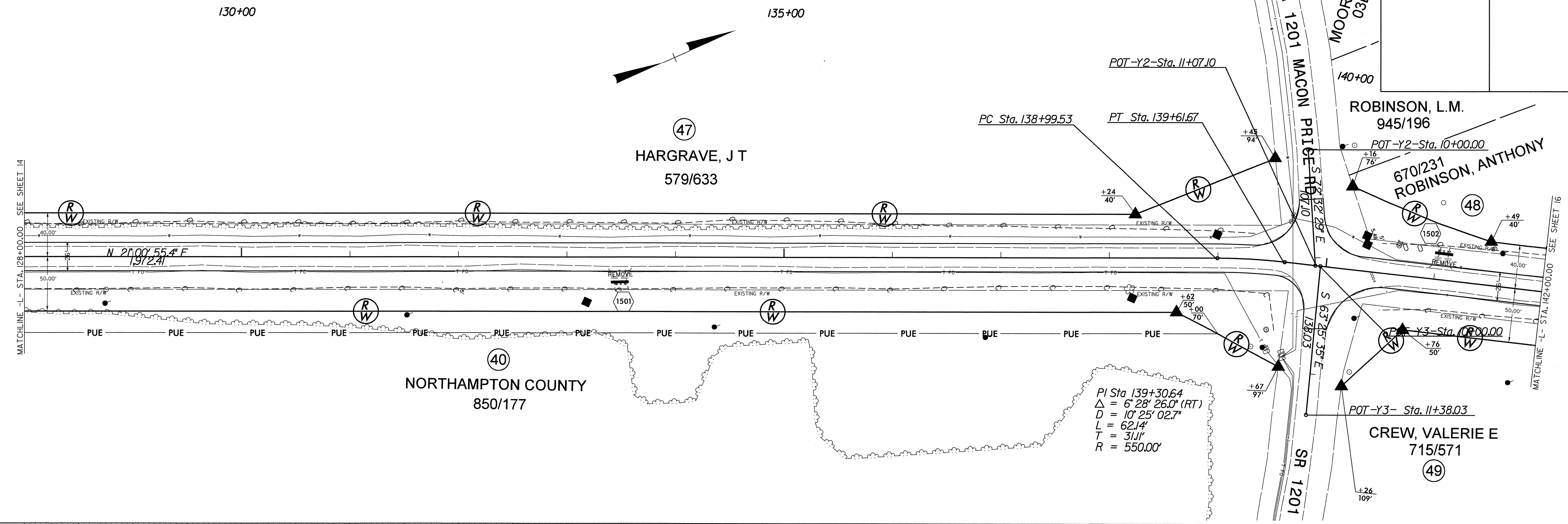


REVISIONS

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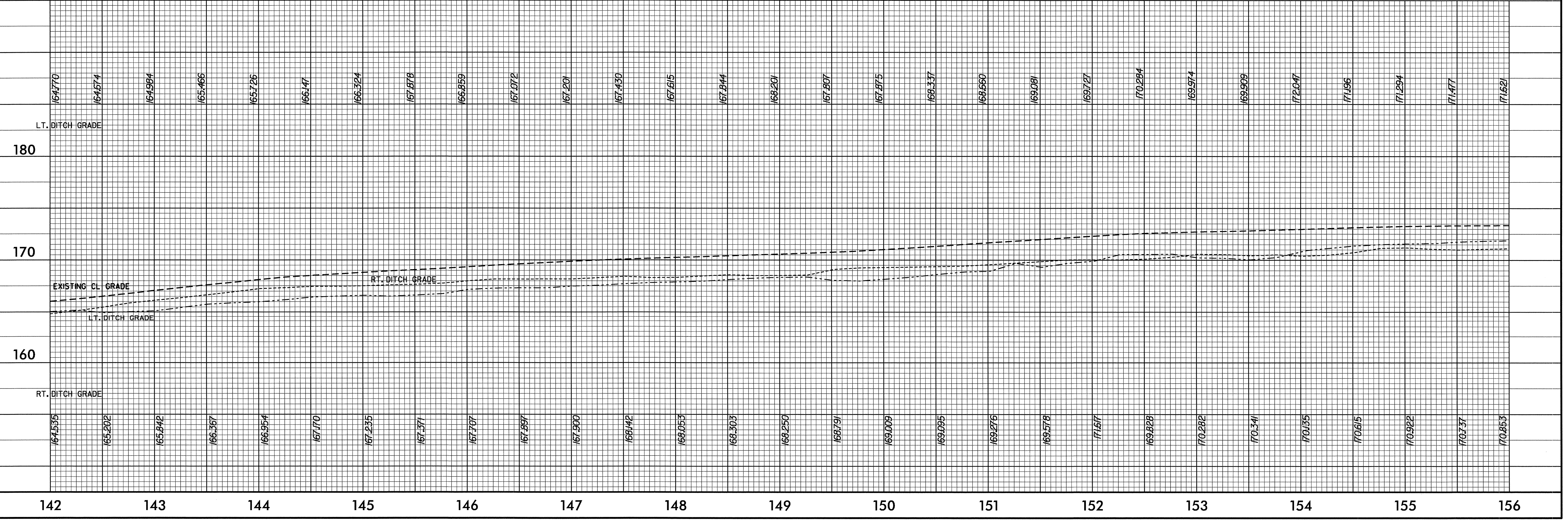
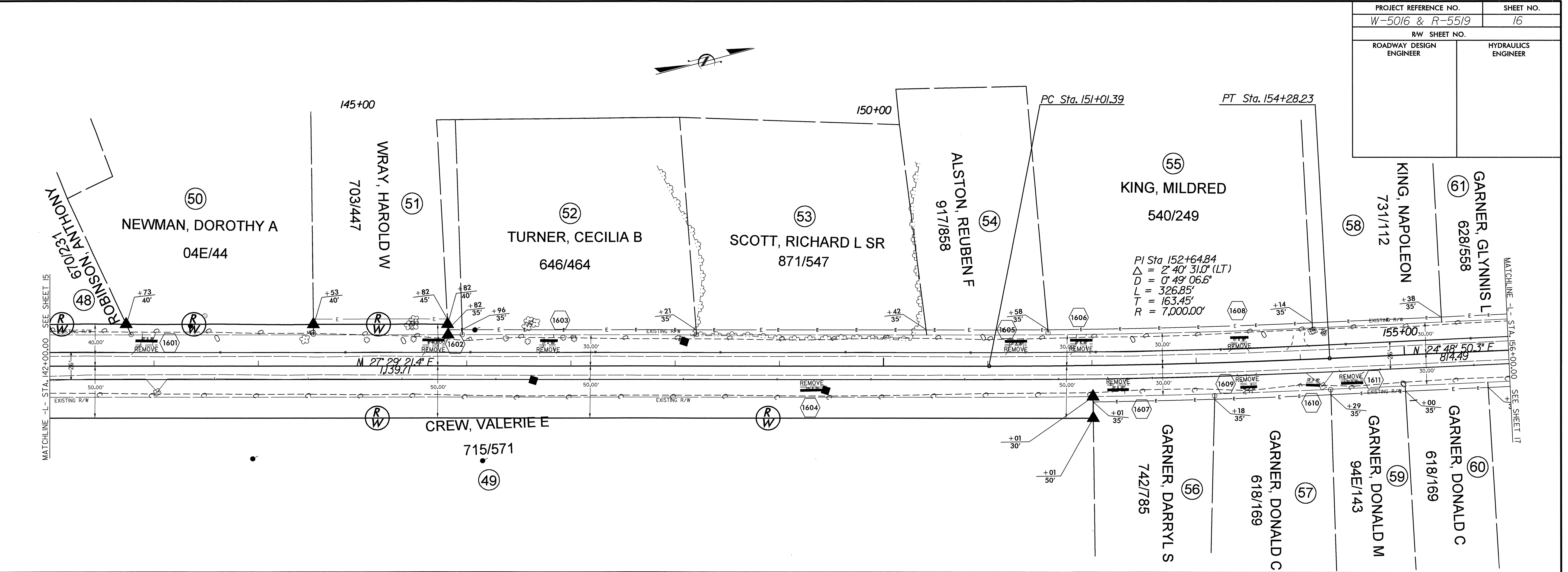
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| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |



REVISIONS

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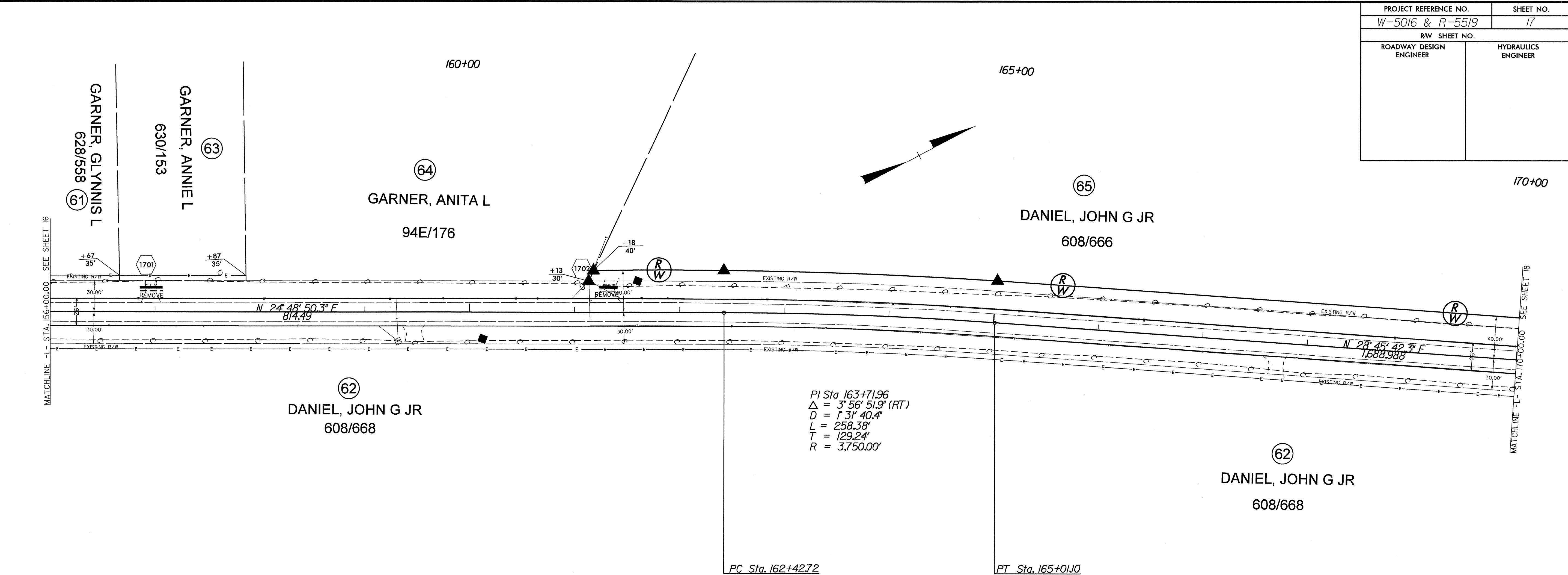
REVISIONS

8/17/99

02_APR-2012 10:36
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 jacob

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| PROJECT REFERENCE NO. | | SHEET NO. | |
| W-5016 & R-5519 | | 17 | |
| RW SHEET NO. | | | |
| ROADWAY DESIGN ENGINEER | | HYDRAULICS ENGINEER | |

8/17/99

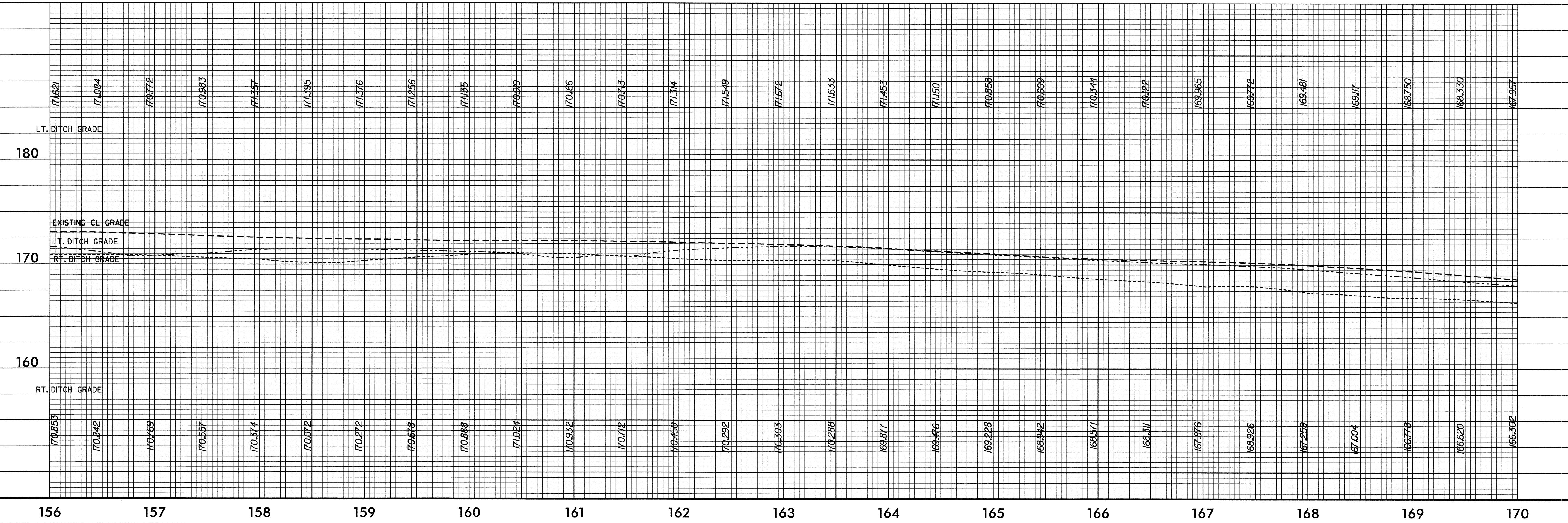


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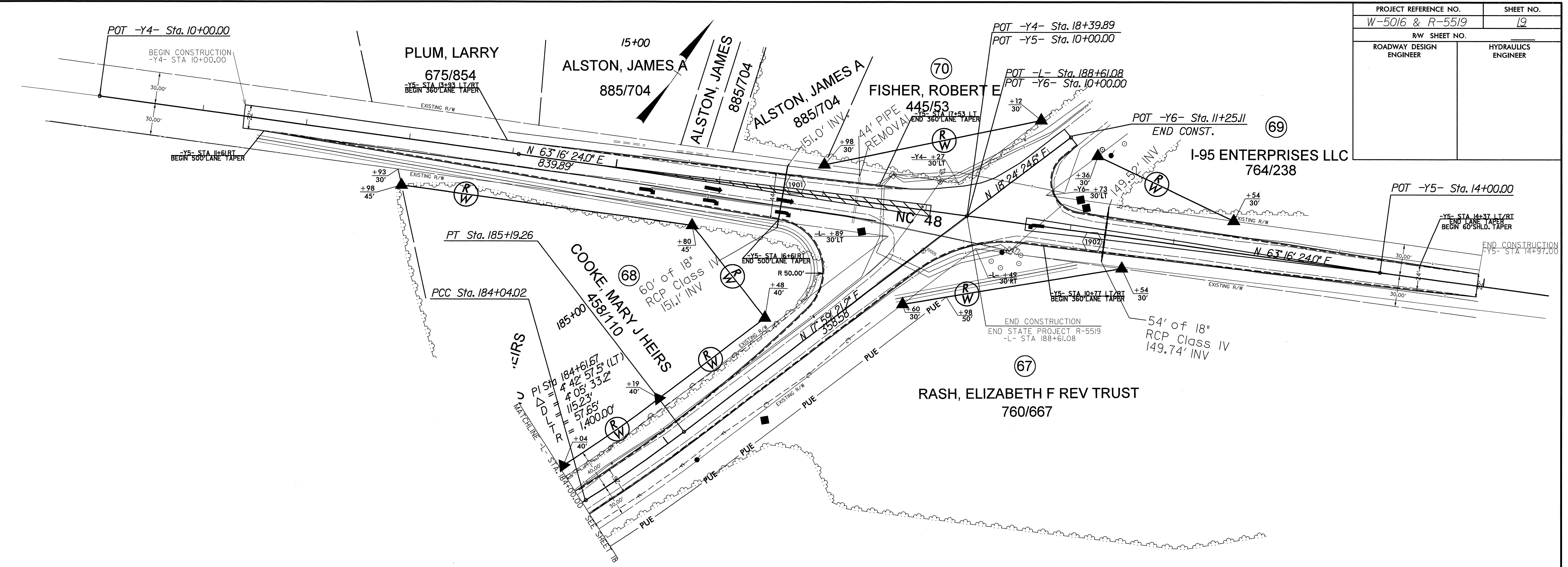
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REVISIONS

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| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |



REVISIONS

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 SEE DRAWING FOR REVISIONS

