

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	11C.095102	1	14
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

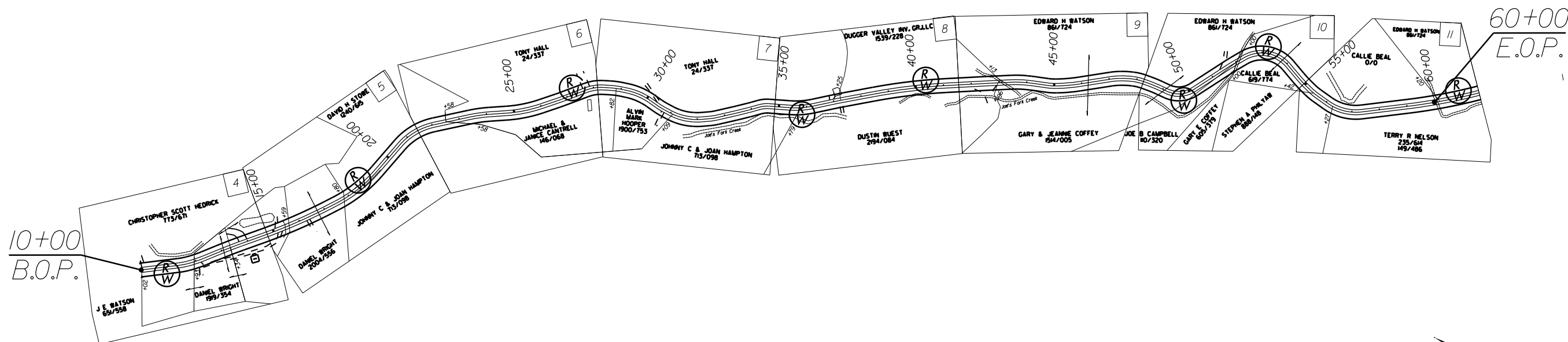
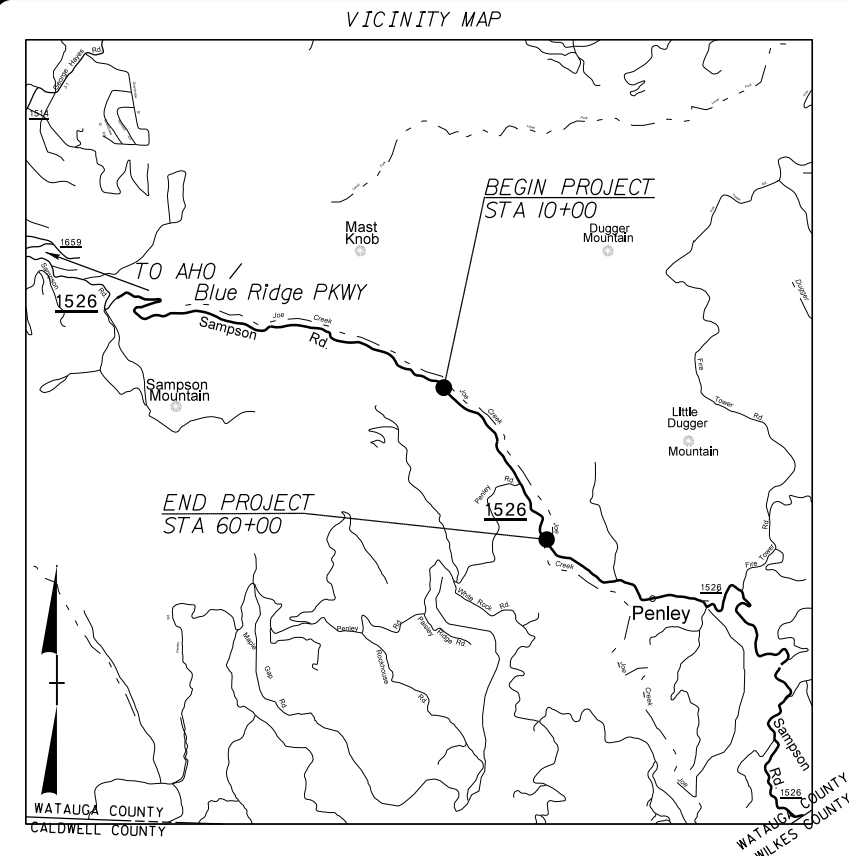
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

WATAUGA COUNTY

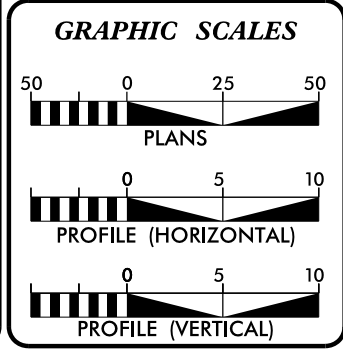
LOCATION: SR 1526B SAMPSON RD
FROM POINT 0.95 MILES TO POINT
B.O.P. STA 10+00 TO E.O.P. STA 60+00

TYPE OF WORK: GRADING, DRAINAGE, BASE
AND PAVING - 0.95 MILES

BEGAN SURVEY: 06/26/08
END SURVEY: 09/19/08



CONTRACT:



DESIGN DATA

ADT	=	
ADT	=	
DHV	=	%
D	=	%
T	=	% *
V	=	MPH
* TTST		DUAL

PROJECT LENGTH

Prepared in the Office of:
DIVISION OF HIGHWAYS
DIVISION 11, DISTRICT 2 BOONE
P.O. BOX 1460, BOONE, N.C. 28607

2018 STANDARD SPECIFICATIONS	
RIGHT OF WAY DATE:	M.L. POE P.E. DIVISION ENGINEER
LETTING DATE:	K. HEAVNER P.E. DISTRICT ENGINEER

DIVISION ENGINEER

SIGNATURE: _____ P.E.

DISTRICT ENGINEER

SIGNATURE: _____ P.E.

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

STATE HIGHWAY DESIGN ENGINEER

15-NOV-2022 14:30 P:\Road Projects\Secondary\Watauga\SR1526B\Gap Section\Plan Sheets\sr1526b_tsh.dgn

ROADWAY DESIGN
ENGINEER

GENERAL NOTES

SHEET NUMBER	INDEX OF SHEETS SHEET
1	TITLE SHEET
1-A	INDEX OF SHEETS, GENERAL NOTES, AND LIST OF STANDARD DRAWINGS
1-B	CONVENTIONAL SYMBOLS
1-C	SLOPE STAKE DATA
1-D	UTILITIES POLE DATA AND CENTER LINE SHIFT SHEET
2	PAVEMENT SCHEDULE, TYPICAL SECTIONS, AND WEDGING DETAILS
3	SUMMARY OF QUANTITIES
3A	SUMMARY OF DRAINAGE QUANTITIES SUMMARY OF GUARDRAIL, EARTHWORK SUMMARY, AND ASPHALT PAVEMENT REMOVAL SUMMARY
3-B	RIGHT OF WAY DATA SHEET
3-C	DRAINAGE SUMMARY SHEET (48" AND UNDER)
4 THRU 25	PLAN SHEET PROFILE SHEET
EC-1 THRU EC-9	EROSION CONTROL PLANS
X-1 THRU X-	CROSS-SECTIONS

15-NOV-2022 13:09
 F:\Road\Projects\Secondary\Watauga\SR1526B\Gap Section\Plan Sheets\sr1526b_1a.dgn
 8/17/99

Note: Not to Scale

*S.U.E. = Subsurface Utility Engineering

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

BOUNDARIES AND PROPERTY:

Table listing symbols for 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, Existing Fence Line, 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.

BUILDINGS AND OTHER CULTURE:

Table listing symbols for 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:

Table listing symbols for 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:

Table listing symbols for railroads: Standard Gauge, RR Signal Milepost, Switch, RR Abandoned, RR Dismantled.

RIGHT OF WAY:

Table listing symbols for 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 Marker, Existing Control of Access, Proposed Control of Access, Existing Easement Line, Proposed Temporary Construction Easement, Proposed Temporary Drainage Easement, Proposed Permanent Drainage Easement, Proposed Permanent Utility Easement.

ROADS AND RELATED FEATURES:

Table listing symbols for roads and related features: Existing Edge of Pavement, Existing Curb, Proposed Slope Stakes Cut, Proposed Slope Stakes Fill, Proposed Wheel Chair Ramp, Proposed Wheel Chair Ramp Curb Cut, Curb Cut for Future Wheel Chair Ramp, Existing Metal Guardrail, Proposed Guardrail, Existing Cable Guiderail, Proposed Cable Guiderail, Equality Symbol, Pavement Removal.

VEGETATION:

Table listing symbols for vegetation: Single Tree, Single Shrub, Hedge, Woods Line, Orchard, Vineyard.

EXISTING STRUCTURES:

Table listing symbols for 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:

Table listing symbols for 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:

Table listing symbols for 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:

Table listing symbols for 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:

Table listing symbols for gas: Gas Valve, Gas Meter, Recorded U/G Gas Line, Designated U/G Gas Line (S.U.E.*), Above Ground Gas Line.

SANITARY SEWER:

Table listing symbols for 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:

Table listing symbols for 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, A/G Tank; Water, Gas, Oil, U/G Test Hole (S.U.E.*), Abandoned According to Utility Records, End of Information.

ENTERED BY: HR	DATE: 3/17/08
CHECKED BY: GK	DATE: 3/18/09
REVISIONS	
DATE: GK	
080715	
additional 3250'	

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
11C.095102	1-D

POLE DATA SHEET

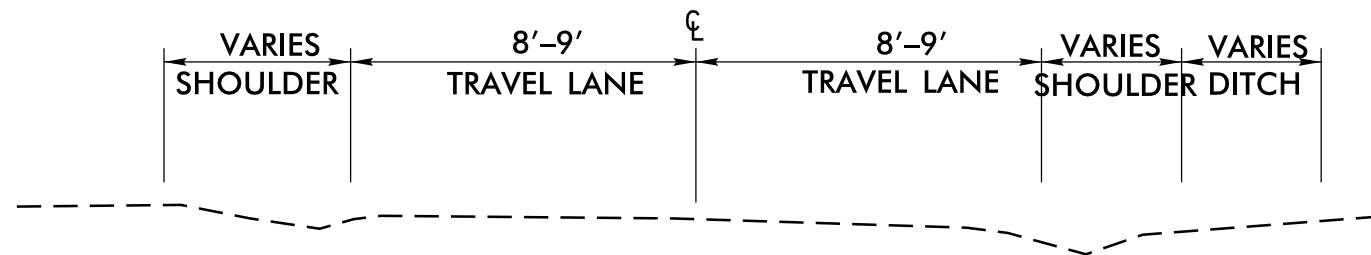
CENTERLINE SHIFT STA'S

OWNER OF THE POLE LINE: BREMCO									OWNER OF THE POLE LINE: BREMCO									STATION		STATION		
STATION	POLE NUMBER	DIST. FROM CENTER PRESENT ROAD		DIST. FROM CENTER PROJECT		DIST. FROM PROJECT AFTER MOVING		REMARKS	STATION	POLE NUMBER	DIST. FROM CENTER PRESENT ROAD		DIST. FROM CENTER PROJECT		DIST. FROM PROJECT AFTER MOVING		REMARKS	LEFT	RIGHT	LEFT	RIGHT	
		LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT				LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT						
11+79			14'		11'		25'	2PW,2GW,TRANS										10+00 B.O.P	3'	7'	46+00	
15+64			21'		21'		25'	3PW,2GW										11+00	5'	9'	47+00	
18+59			15'		15'		25'	2PW,2GW										12+00	5'	8'	48+00	
21+72		16'		16'		25'		2PW,2GW										0'	13+00	0'	10'	49+00
23+43			16'		14'		25'	2PW										0'	14+00	0'	9'	50+00
25+35			18'		27'		25'	2PW,2GW										0'	15+00	0'	8'	51+00
28+17		17'		13'		25'		2PW,2GW										0'	16+00	0'	2'	52+00
31+44			21'		25'		25'	2PW,3GW										0'	17+00	0'		53+00 6'
33+96			10'		17'		25'	2PW,2GW										0'	18+00	0'		54+00 4'
36+26			20'		21'		25'	1PW										0'	19+00	0'		55+00 5'
37+26			10'		10'		25'	4PW,3GW										0'	20+00	0'		56+00 3'
40+13		17'		11'		25'		2PW,3GW										0'	21+00	0'		57+00 6'
42+16		17'		11'		25'		4PW,4GW										0'	22+00	0'		58+00 5'
44+43			12'		18'		25'	2PW,2GW										0'	23+00	0'		59+00 5'
47+50			9'		17'		25'	2PW,2GW										5'	24+00			60+00 E.O.P 2'
49+86			18'		27'		25'	2PW,4GW										9'	25+00			61+00
55+73			21'		17'		25'	2PW,4GW										7'	26+00			62+00
58+23		17'		22'		25'		2PW										2'	27+00			63+00
60+88			22'		25'		25'	2PW,2GW										4'	28+00			64+00
									OWNER OF THE POLE LINE:									5'	29+00			65+00
									STATION	POLE NUMBER	DIST. FROM CENTER PRESENT ROAD		DIST. FROM CENTER PROJECT		DIST. FROM PROJECT AFTER MOVING		REMARKS	7'	30+00			66+00
											LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT		8'	31+00			67+00
																		9'	32+00			68+00
																		8'	33+00			69+00
																		8'	34+00			70+00
																		9'	35+00			71+00
																		3'	36+00			72+00
																		0'	37+00	0'		73+00
																		0'	38+00	0'		74+00
																		0'	39+00	0'		75+00
																		6'	40+00			76+00
																		8'	41+00			77+00
																		6'	42+00			78+00
																		2'	43+00			79+00
																		6'	44+00			80+00
																		6'	45+00			81+00

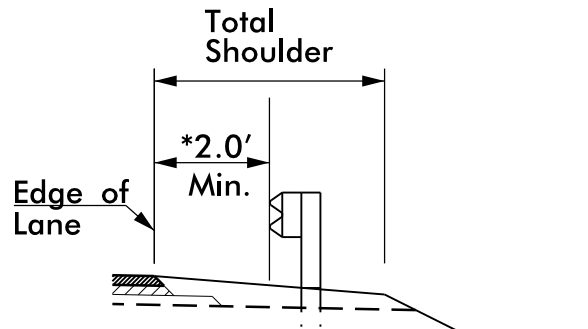
12/05/05

15-NOV-2022 13:10
451526915094848

PROJECT REFERENCE NO.	SHEET NO.
11C.095102	2
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER

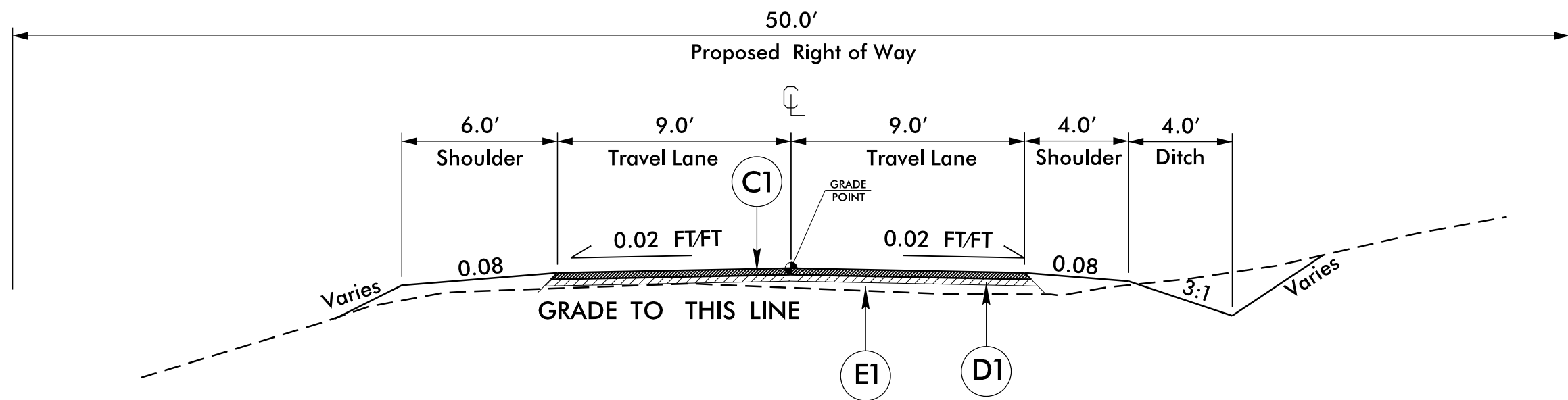


16'-18' EXISTING TYPICAL SECTION

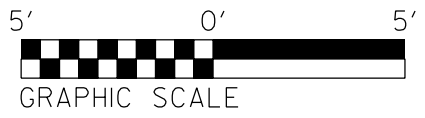


GUARDRAIL PLACEMENT

*GUARDRAIL LOCATIONS DIRECTED BY THE ENGINEER



TYPICAL SECTION NO. 1



C1	PROP. ASPHALT SURFACE TREATMENT (TRIPLE SEAL).
D1	PROP. APPROX. 3" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.
E1	PROP. APPROX. 6" AGGREGATE BASE COURSE.

15-NOV-2022 13:20
 F:\Road\Projects\Secondary\Wateuga\SR1526B\Gap Section\EC\Plan Sheets\W1526B-tp-2.dgn
 6/2/09

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48" & UNDER)

STATION	LOCATION (LT, RT, OR CL)	TYPE B DRAINAGE PIPE (RCP, CSP, CAAP, HDDE OR PVC) (UNLESS NOTED OTHERWISE)								EXISTING PIPES								PIPE REMOVAL LIN. FT.	J.B STD. 840.31	F & G STD. 840.37	REMARKS
		NEW PIPES																			
		12"	15"	18"	24"	30"	36"	42"	48"	10"	15"	18"	24"	30"	36"	42"	48"				
-L- 12+09	RT			30'																	ADD DRIVE PIPE
-L- 14+77	CL									124'											DO NOT DISTURB 10" HDPE WET PIPE
-L- 15+19	RT			30'																	ADD DRIVE PIPE
-L- 15+42	CL											35'									DO NOT DISTURB WET PIPE
-L- 16+31	RT			30'																	ADD DRIVE PIPE
-L- 24+00	CL																				DO NOT DISTURB PIPE
-L- 27+65	LT			30'																	ADD DRIVE PIPE
-L- 30+48	LT									15'								15'			REMOVE DRIVE PIPE
-L- 30+74	RT			30'																	ADD DRIVE PIPE
-L- 32+97	CL			50'								45'						45'			REPLACE PIPE
-L- 36+81	CL			50'																	ADD PIPE
-L- 36+95	LT											30'						30'			REMOVE DRAIN PIPE
-L- 43+17	CL																				DO NOT DISTURB WET PIPE
-L- 51+52	LT			30'								30'						30'			REPLACE DRIVE PIPE
-L- 52+15	CL																				DO NOT DISTURB WET PIPE
-L- 53+30	CL			45'								35'						35'			REPLACE PIPE
-L- 60+09	CL																				DO NOT DISTURB WET PIPE
SHEET TOTALS				180'	145'					139'	140'	35'						155'			

D:\AN\2023_10\F01\Secondary\Watauga\SF1526B\Capp Section\Plan Sheets\SF1526B_Rdy_Pipe Data Sheet_3C.dgn
 1/11/2023 10:50:33 AM
 J:\COMB

PROJECT REFERENCE NO.	SHEET NO.
11C.095102	4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

2 CHRISTOPHER SCOTT HEDRICK
773/671

1 J E WATSON
651/558

3 DANIEL WRIGHT
BOR 1919/354

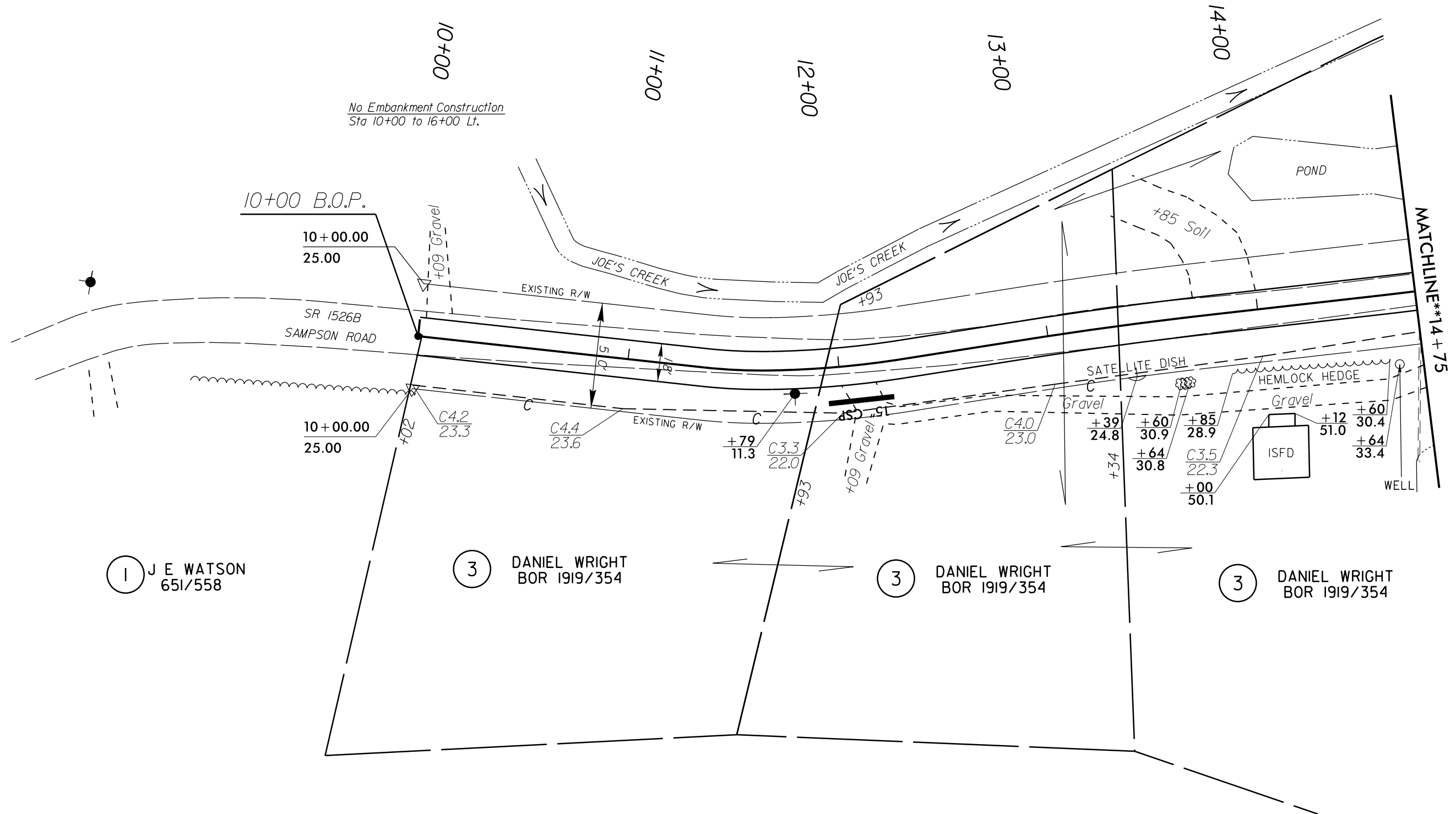
3 DANIEL WRIGHT
BOR 1919/354

3 DANIEL WRIGHT
BOR 1919/354

REVISIONS

8/17/99

15-NOV-2022 13:14
A:\PROJECTS\11C.095102\11C.095102.DWG



PROJECT REFERENCE NO.	SHEET NO.
11C.095102	5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

6 DAVID H STOWE
1240/615

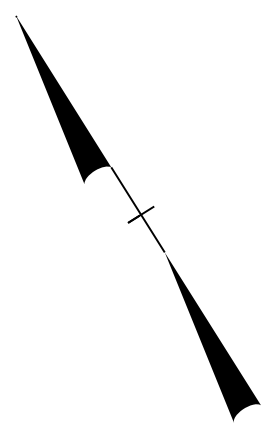
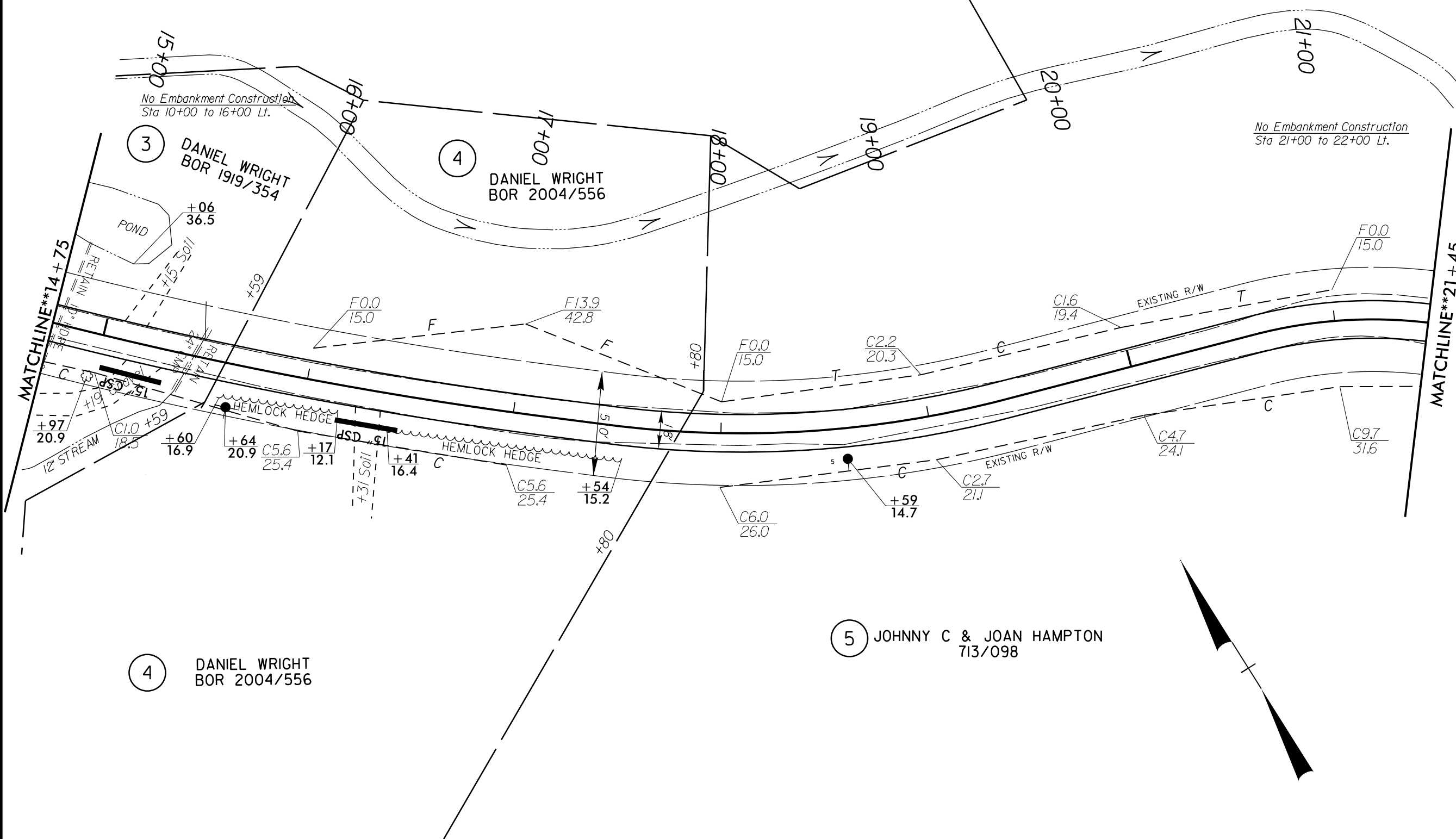
2 CHRISTOPHER SCOTT HEDRICK
773/671

5 JOHNNY C & JOAN HAMPTON
713/098

4 DANIEL WRIGHT
BOR 2004/556

3 DANIEL WRIGHT
BOR 1919/354

4 DANIEL WRIGHT
BOR 2004/556



REVISIONS

04-JAN-2023 10:57
 F:\Projects\Secondary\Watauga\SR1526B\Map Section\Plan Sheets\5.dgn
 8/17/99

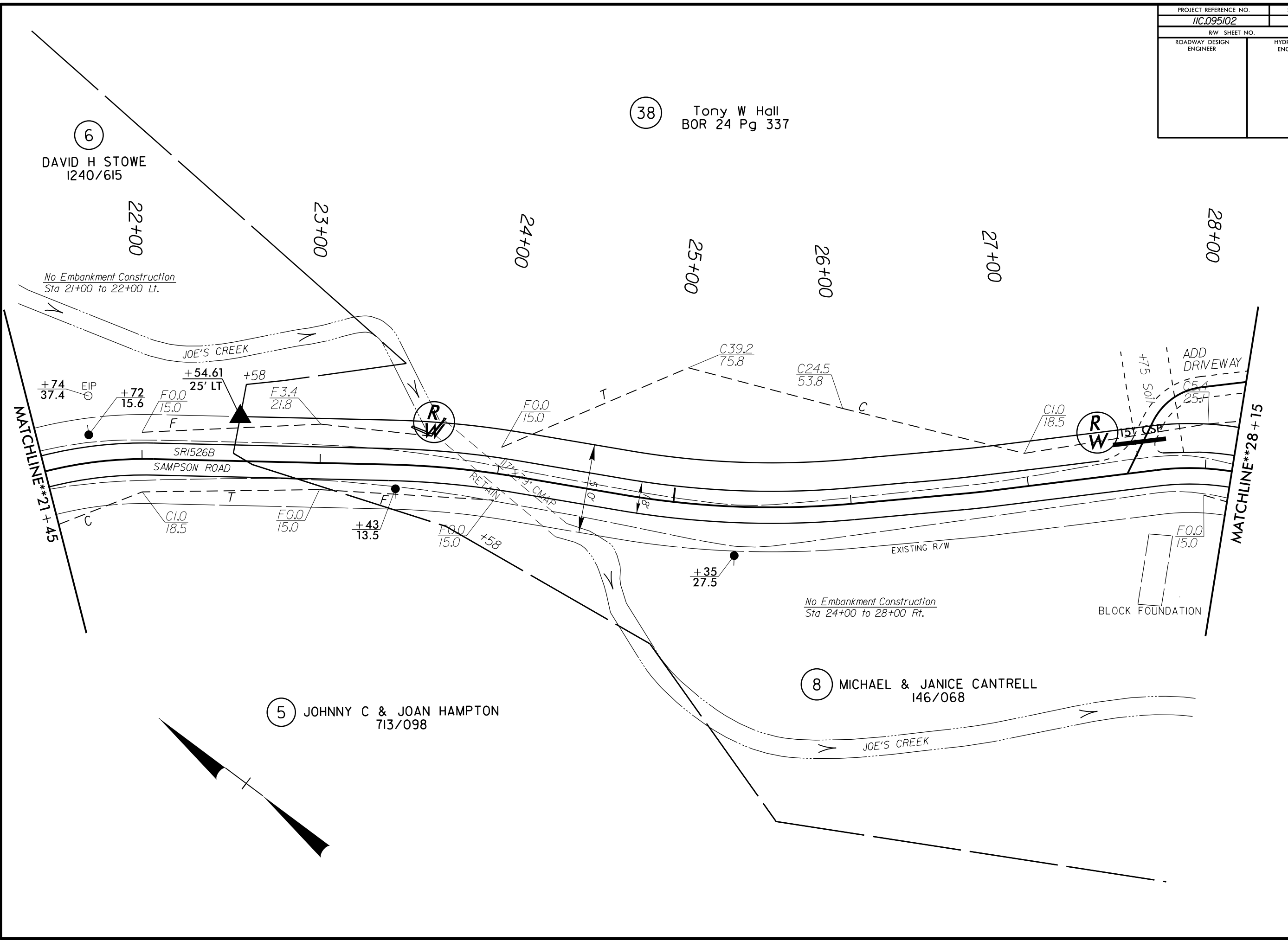
PROJECT REFERENCE NO.	SHEET NO.
IIC.095102	6
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

38 Tony W Hall
BOR 24 Pg 337

6 DAVID H STOWE
1240/615

5 JOHNNY C & JOAN HAMPTON
713/098

8 MICHAEL & JANICE CANTRELL
146/068

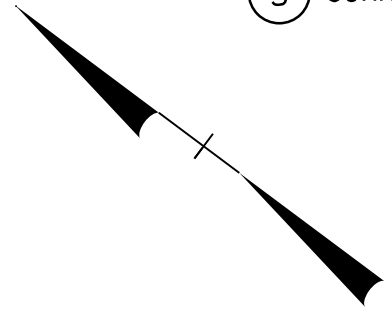


REVISIONS

7/24/2019 Driveway Addition Sta. 27+75 Lt.
New Property Owner Lot number 7.

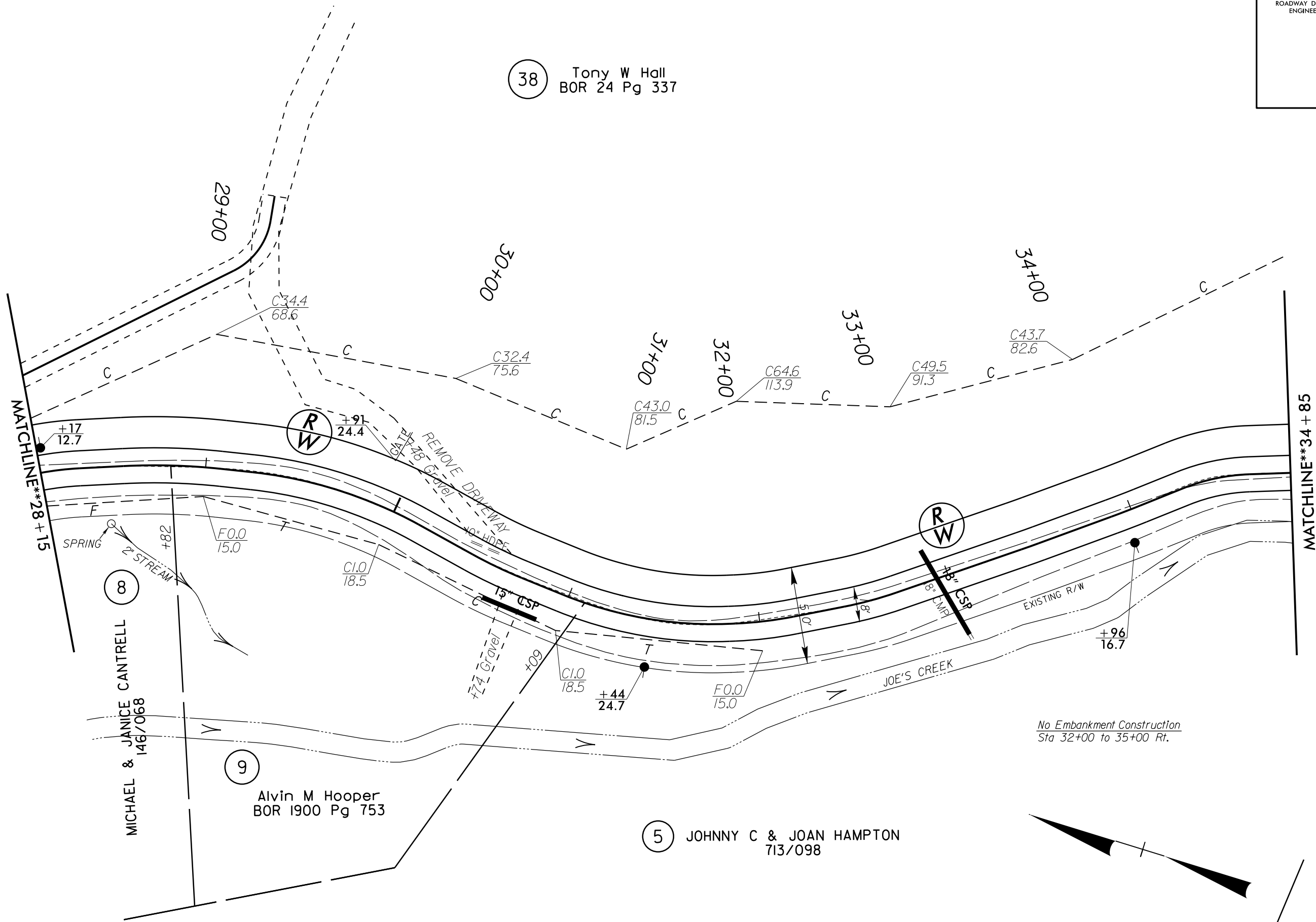
8/17/99

15-NOV-2022 13:16
A:\CADD\PROJECTS\15-11-2022\15-11-2022.dwg



PROJECT REFERENCE NO.	SHEET NO.
11C.095102	7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

38 Tony W Hall
BOR 24 Pg 337



MATCHLINE**28+15

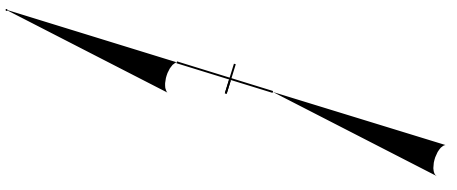
MATCHLINE**34+85

MICHAEL & JANICE CANTRELL
146/068

Alvin M Hooper
BOR 1900 Pg 753

5 JOHNNY C & JOAN HAMPTON
713/098

No Embankment Construction
Sta 32+00 to 35+00 Rt.



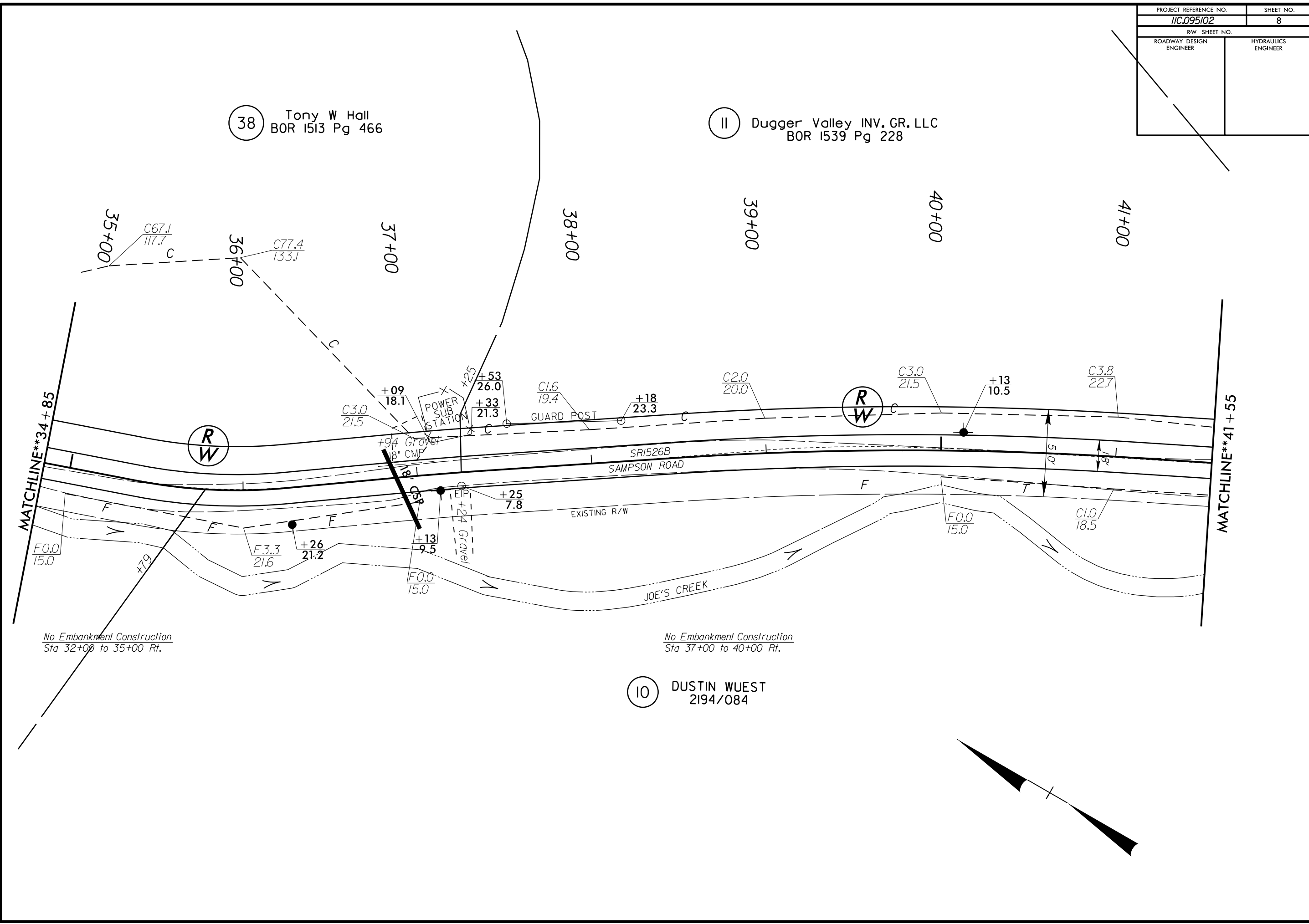
REVISIONS
7/24/2019 New Property Owner For Lot Number 9.

8/17/99
15-NOV-2022 13:16
A:\595\ENGINEERING\11C.095102\11C.095102.DWG

PROJECT REFERENCE NO.	SHEET NO.
IIC.095102	8
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

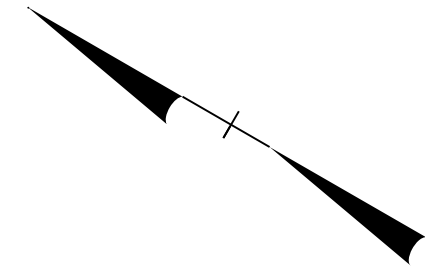
38 Tony W Hall
BOR 1513 Pg 466

11 Dugger Valley INV. GR. LLC
BOR 1539 Pg 228



REVISIONS
7/24/2019 New Property Owner For Lot Number 11.

10 DUSTIN WUEST
2194/084



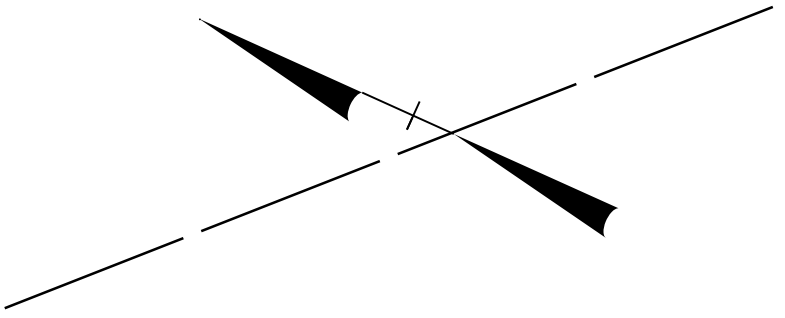
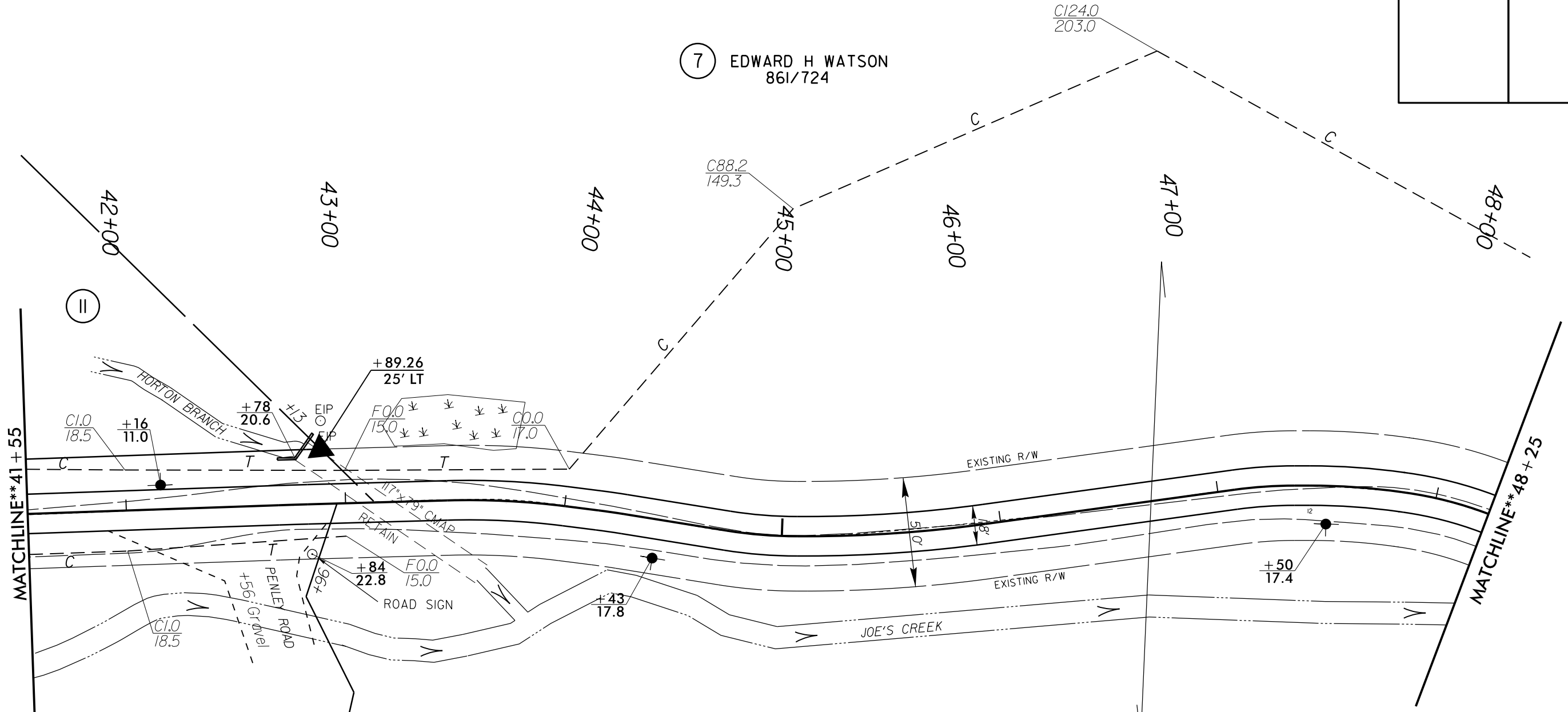
8/17/99
04-JAN-2023 11:00
A:\PROJECTS\2023\1100\1100.DWG

PROJECT REFERENCE NO.	SHEET NO.
11C.095102	9
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

7 EDWARD H WATSON
861/724

10 DUSTIN WUEST
2194/084

13 GARY & JEANNIE COFFEY
1514/005

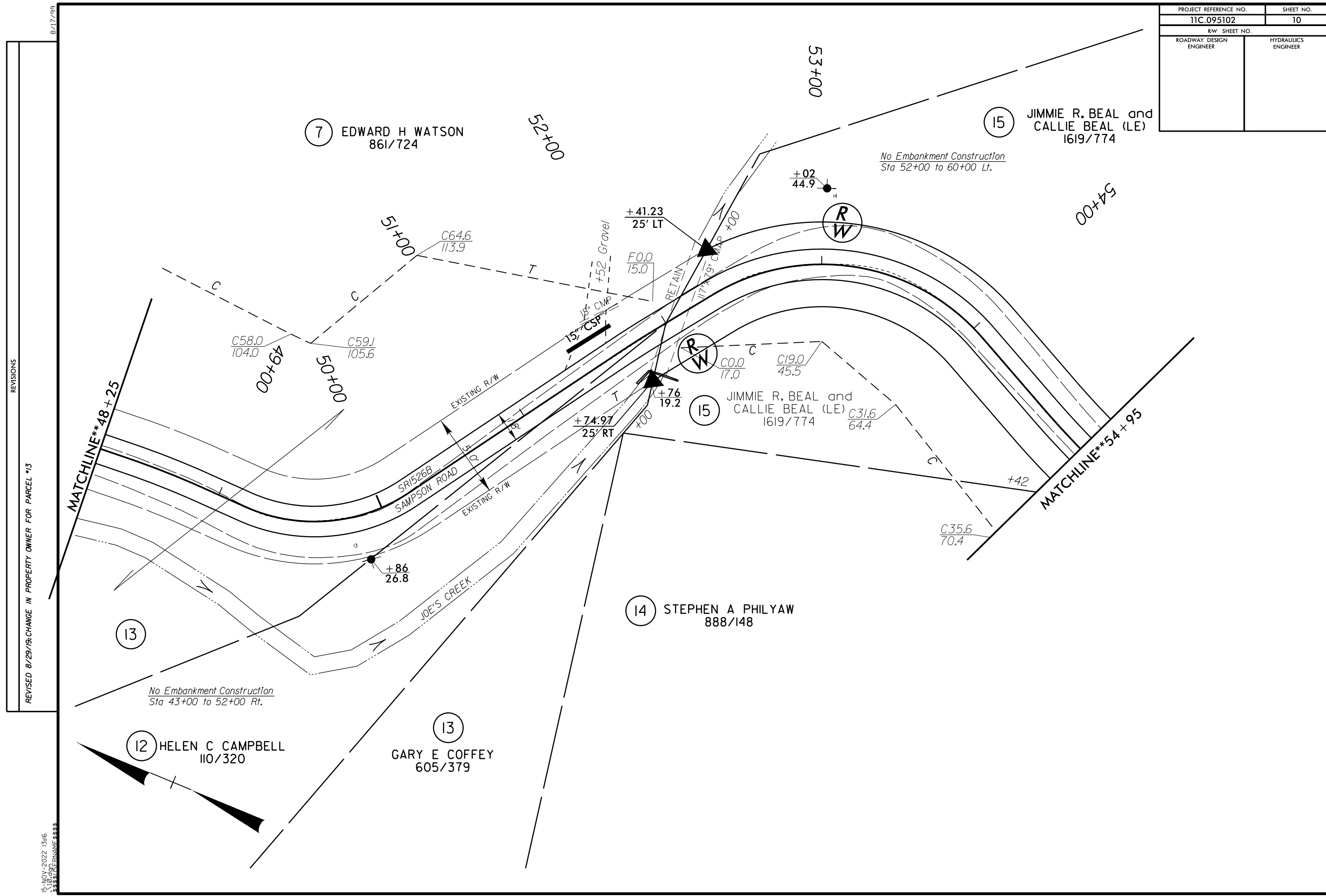


REVISIONS
 REVISED 8/29/19 CHANGE IN PROPERTY OWNER FOR PARCEL 13

8/17/99

04-JAN-2023 11:01
 C:\PROJECTS\11C\11C095102\11C095102.dwg

PROJECT REFERENCE NO.	SHEET NO.
11C.095102	10
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



REVISIONS
 REVISED 8/29/19, CHANGE IN PROPERTY OWNER FOR PARCEL #13

8/17/99
 15-NOV-2022 13:16
 A:\10.dwg\REVISED PLAN\REVISED PLAN.DWG

7 EDWARD H WATSON
 861/724
 15 JIMMIE R. BEAL and
 CALLIE BEAL (LE)
 1619/774
 14 STEPHEN A PHILYAW
 888/148
 13 HELEN C CAMPBELL
 110/320
 13 GARY E COFFEY
 605/379

No Embankment Construction
 Sta 52+00 to 60+00 Lt.

No Embankment Construction
 Sta 43+00 to 52+00 Rt.

53+00
 52+00
 51+00
 50+00
 49+00
 54+00
 54+95
 54+90
 54+85
 54+80
 54+75
 54+70
 54+65
 54+60
 54+55
 54+50
 54+45
 54+40
 54+35
 54+30
 54+25
 54+20
 54+15
 54+10
 54+05
 54+00

C64.6 / 113.9
 C59.1 / 105.6
 C58.0 / 104.0
 C19.0 / 45.5
 C0.0 / 17.0
 C31.6 / 64.4
 C35.6 / 70.4
 F0.0 / 15.0
 +41.23 / 25' LT
 +74.97 / 25' RT
 +76 / 19.2
 +86 / 26.8
 +02 / 44.9

18' CMP
 15' CSP
 17' CMP
 RETAIN

SRI526B
 SAMPSON ROAD
 JOE'S CREEK
 EXISTING R/W
 MATCHLINE**48+25
 MATCHLINE**54+95

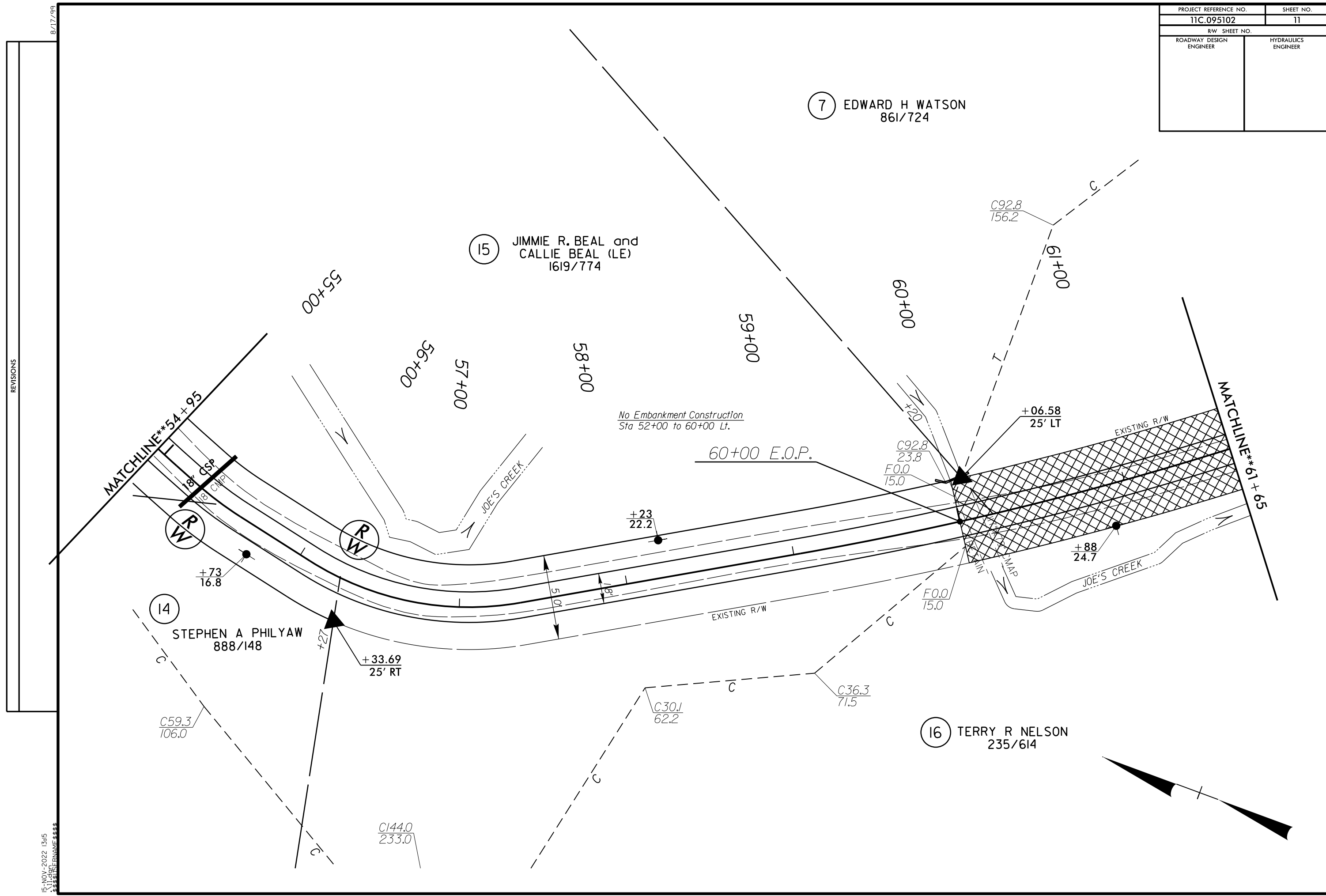
PROJECT REFERENCE NO.	SHEET NO.
11C.095102	11
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

7 EDWARD H. WATSON
861/724

15 JIMMIE R. BEAL and
CALLIE BEAL (LE)
1619/774

14 STEPHEN A. PHILYAW
888/148

16 TERRY R. NELSON
235/614



8/17/99

REVISIONS

15-NOV-2022 13:45
A:\11C\11C.095102\11C.095102.DWG