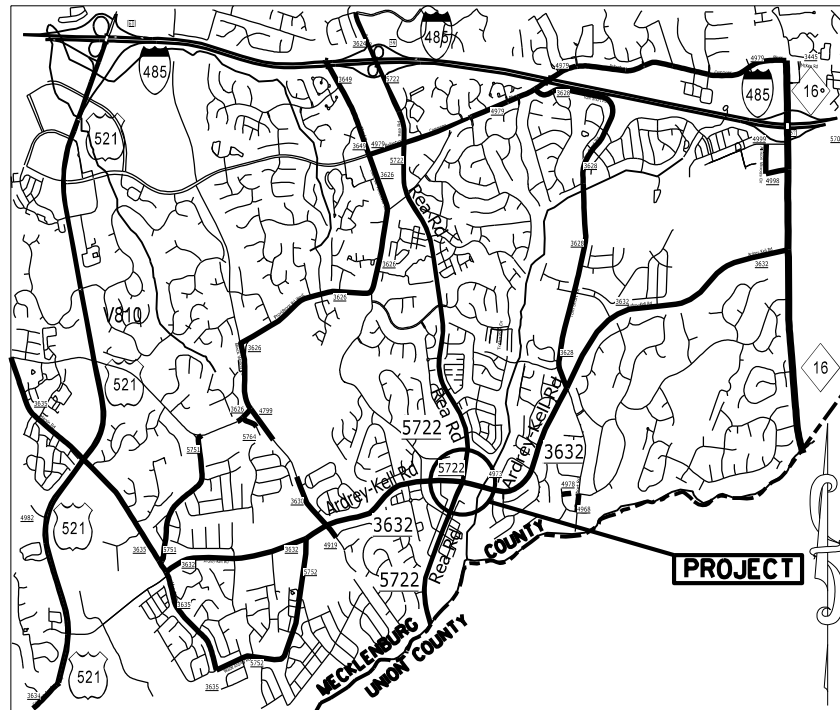


**TIP: SM-6110B**

**PROJECT: 50286**



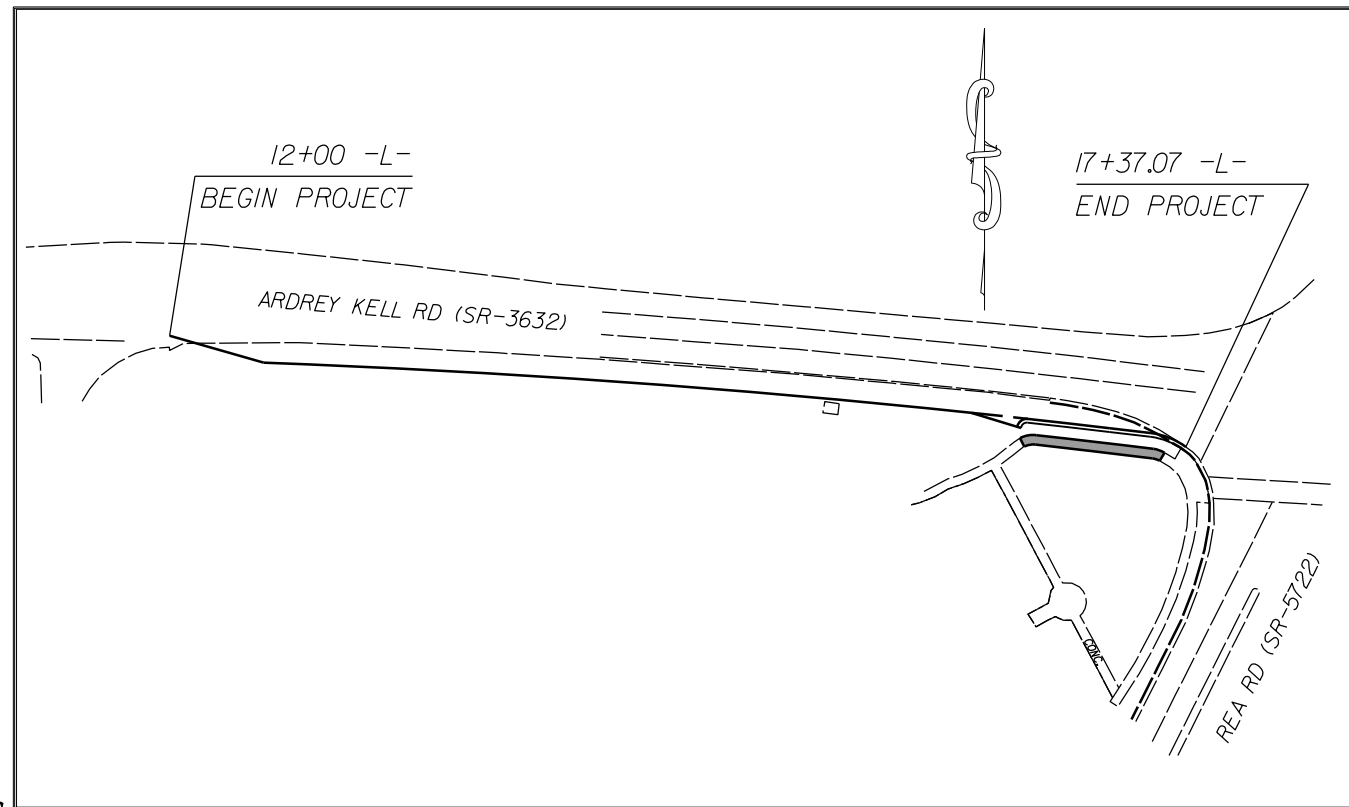
VICINITY MAP NOT TO SCALE

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
**MECKLENBURG COUNTY**

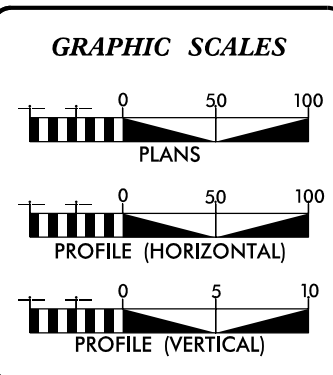
**LOCATION:** INTERSECTION OF ARDREY KELL RD. (SR-3632)  
AND REA RD. (SR-5722)

**TYPE OF WORK:** GRADING, DRAINAGE, MILLING, PAVING, CONCRETE CURB & GUTTER,  
SIDEWALK, AND THERMOPLASTIC PAVEMENT MARKINGS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	50286	1	
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
50286		P.E.	
		R/W	
50286		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**

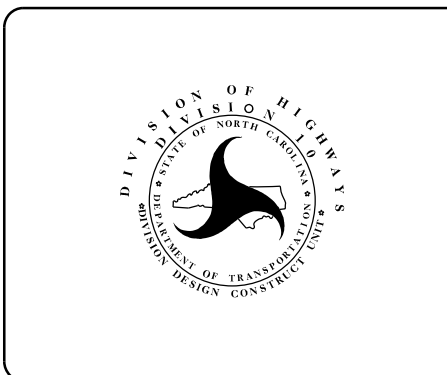
LENGTH OF ROADWAY PROJECT	50286	=	0.10	MILES
TOTAL LENGTH OF STATE PROJECT	50286	=	0.10	MILES

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

---

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: N/A	<b>DONALD HARWARD</b> PROJECT ENGINEER
LETTING DATE: JUNE 7, 2023	<b>JASON BROOKS</b> PROJECT DESIGN ENGINEER

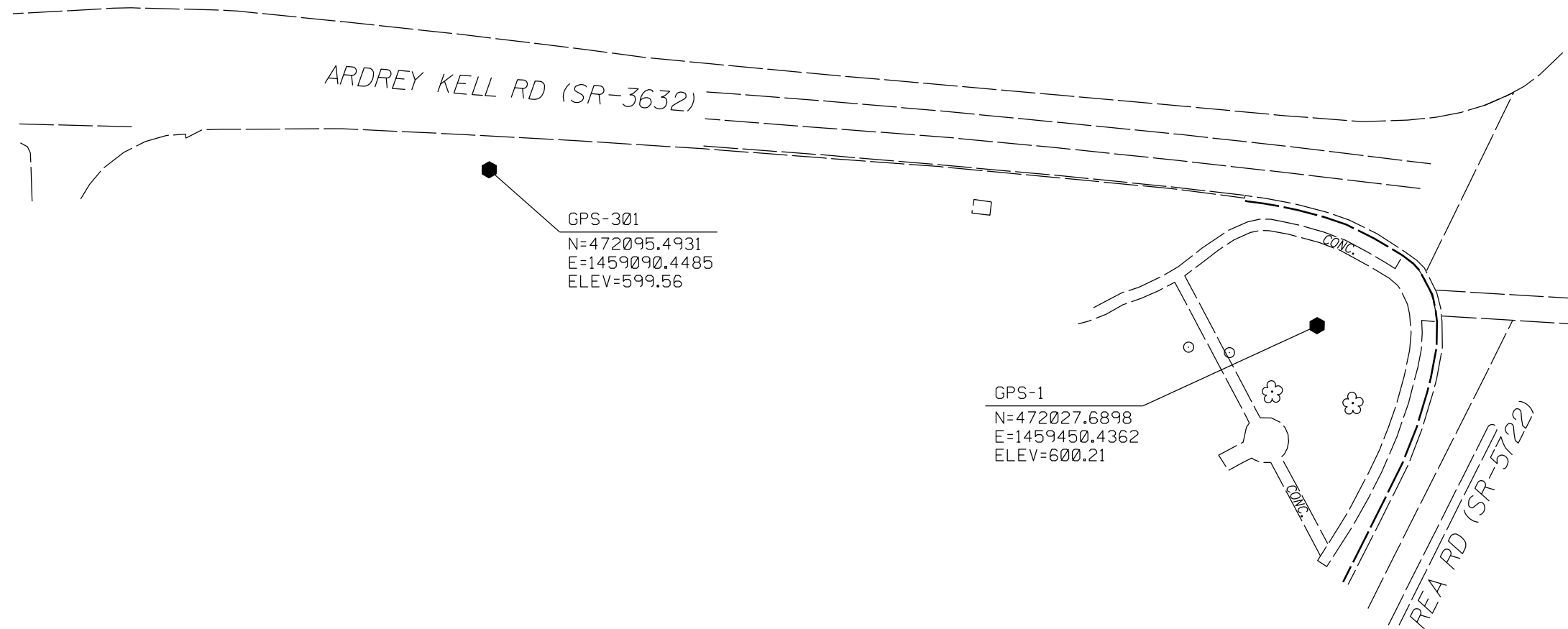


ROADWAY DESIGN ENGINEER  
05/02/2023

DocuSigned by:  
*Travis Preslar*

PROJECT NO.	SHEET NO.
50286	IA
F.A. PROJECT NO.	

# SURVEY CONTROL SHEET



BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1			472027.7238	1459450.4462	600.21	17+01.27	70.59 RT
301			472095.4931	1459090.4485	599.56	13+33.31	33.72 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.

RIGHT TURN LANE ON  
ARDREY KELL RD (SR-3632) AT  
REA RD.(SR-5722)

SCALE	1"=30'
DATE	8-2022
DWG. BY	JCB
DESIGN BY	JCB
APPROVED	JDH



REVISIONS	

PROJECT NO.	SHEET NO.
50286	1B
F.A. PROJECT NO.	

# PROPOSED ALIGNMENT SHEET

L

TYPE	STATION	NORTH	EAST
PC	10+00.00	472136.3395	1458759.0091
PT	16+96.40	472098.4017	1459453.9051
POT	18+06.51	472085.4546	1459563.2577

Y

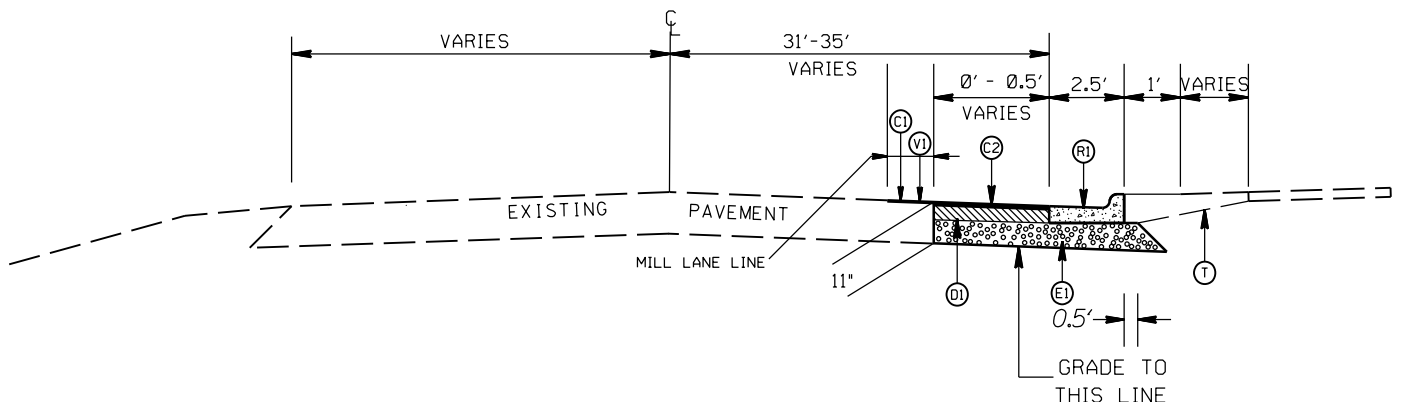
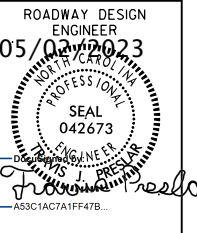
TYPE	STATION	NORTH	EAST
POT	10+00.00	471904.6967	1459472.5536
POT	12+87.61	472161.7553	1459601.5453

**NOTES:**

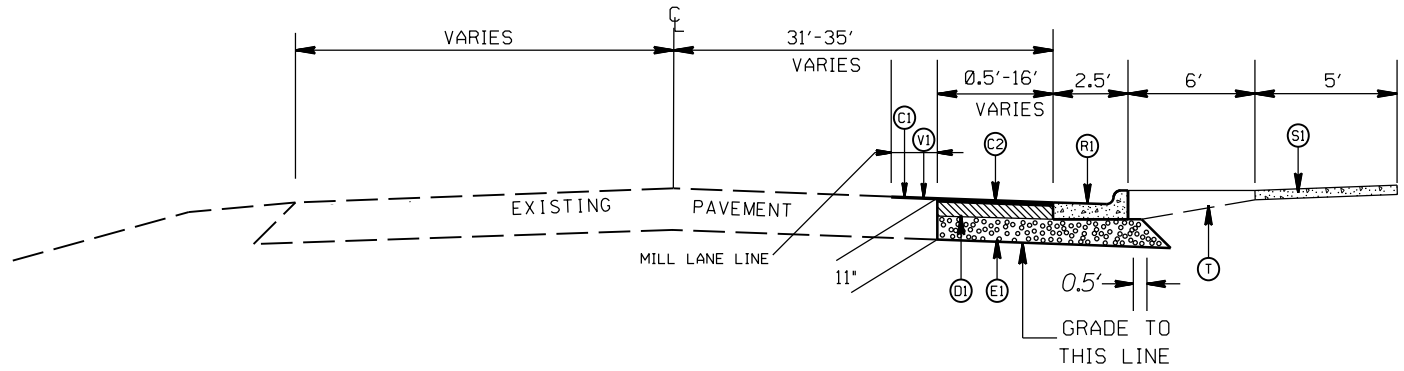
1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED BY THE DIVISION IO DDC UNIT.  
IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE DIVISION IO DDC UNIT.

RIGHT TURN LANE ON  
ARDREY KELL RD (SR-3632) AT  
REA RD.(SR-5722)

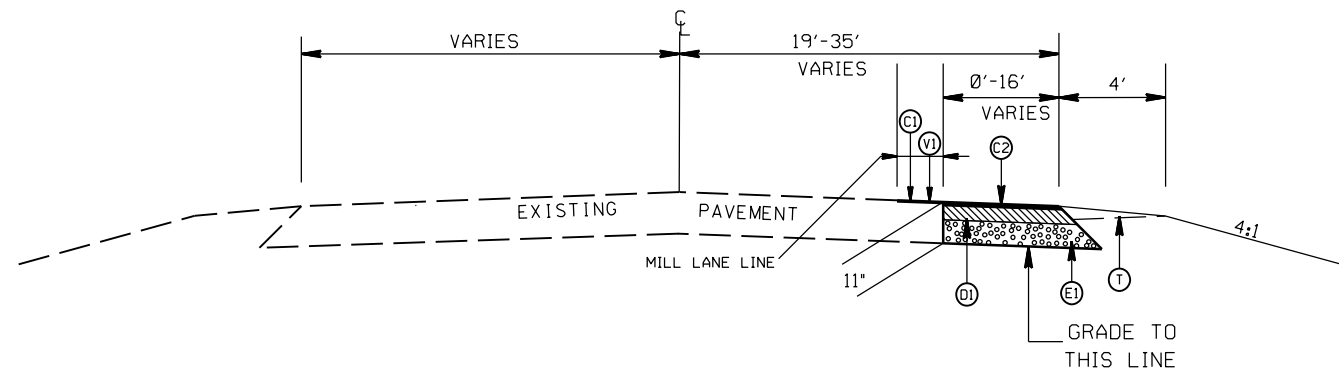
SCALE	N/A		REVISIONS
DATE	8-2022		
DWG. BY	JCB		
DESIGN BY	JCB		
APPROVED	JDH		



TYPICAL SECTION NO. 3  
STA. 17+26.33 TO 17+37.00 -L-



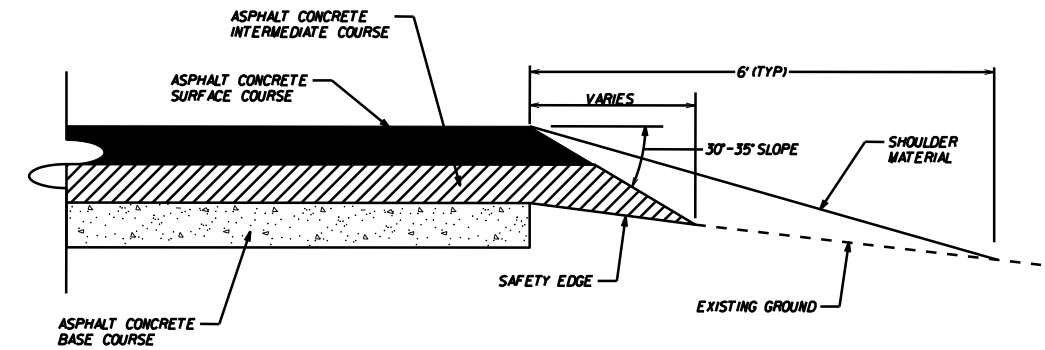
TYPICAL SECTION NO. 2  
STA. 16+50.00 TO 17+26.33 -L-



TYPICAL SECTION NO. 1  
STA. 12+00.00 TO 16+50.00 -L-

### PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1½" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 3" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF 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. 4" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
(R1)	PROP. 2'-6" CONC. CURB & GUTTER
(S1)	PROP. 4" CONC. SIDEWALK
(T)	EARTH MATERIAL
(V1)	MILLING ASPHALT PAVEMENT, 1.5" IN DEPTH



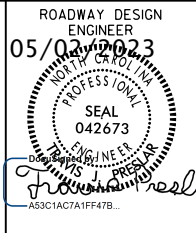
SAFETY EDGE DETAIL

RIGHT TURN LANE ON  
ARDREY KELL RD (SR-3632) AT  
REA RD.(SR-5722)

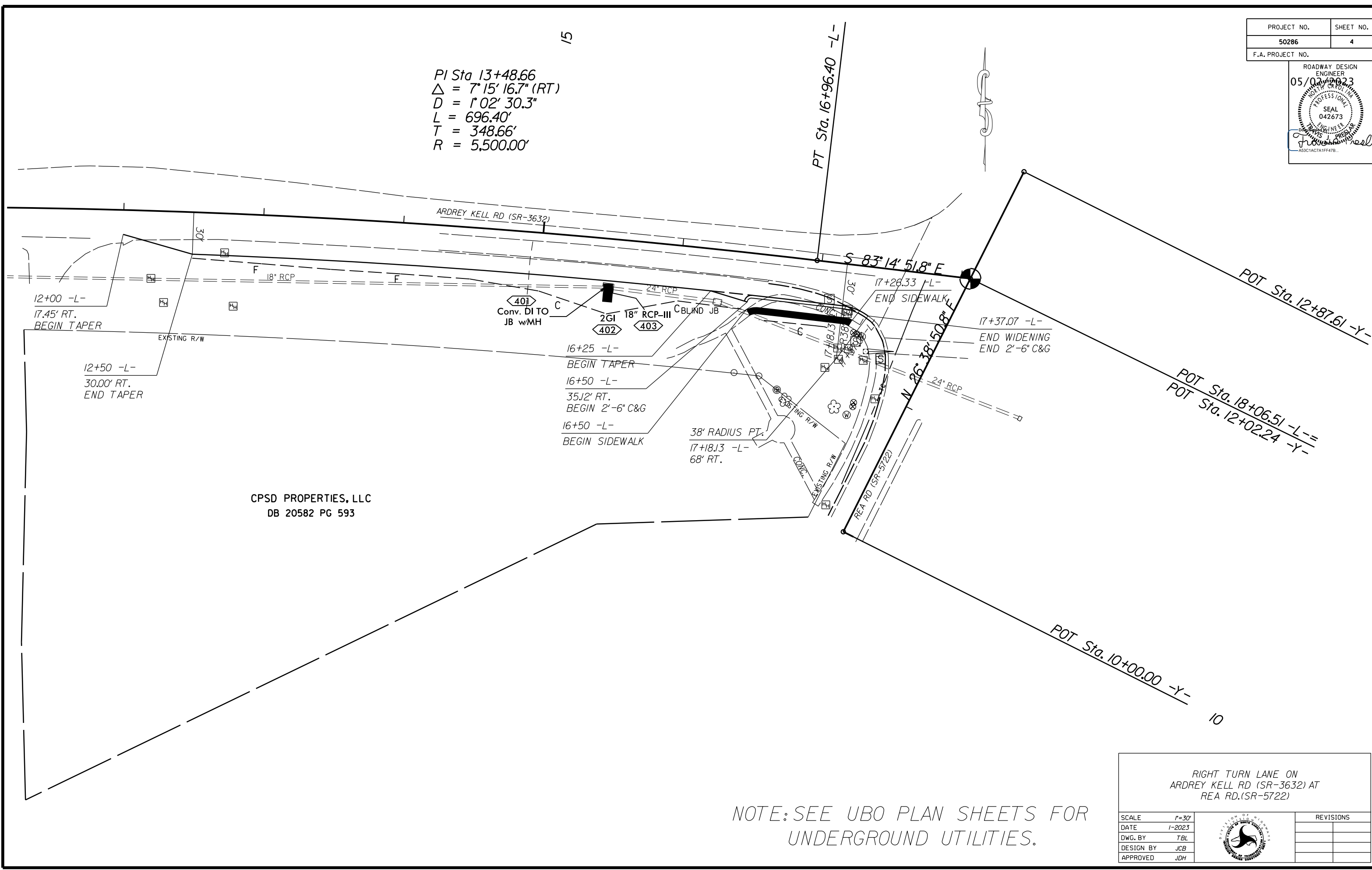
SCALE	N/A		REVISIONS
DATE	1-2023		
DWG. BY	TBL		
DESIGN BY	JCB		
APPROVED	JDH		



PROJECT NO.	SHEET NO.
50286	4
F.A. PROJECT NO.	



PI Sta 13+48.66  
 $\Delta = 7^{\circ} 15' 16.7''$  (RT)  
 $D = 1^{\circ} 02' 30.3''$   
 $L = 696.40'$   
 $T = 348.66'$   
 $R = 5,500.00'$



CPSD PROPERTIES, LLC  
DB 20582 PG 593

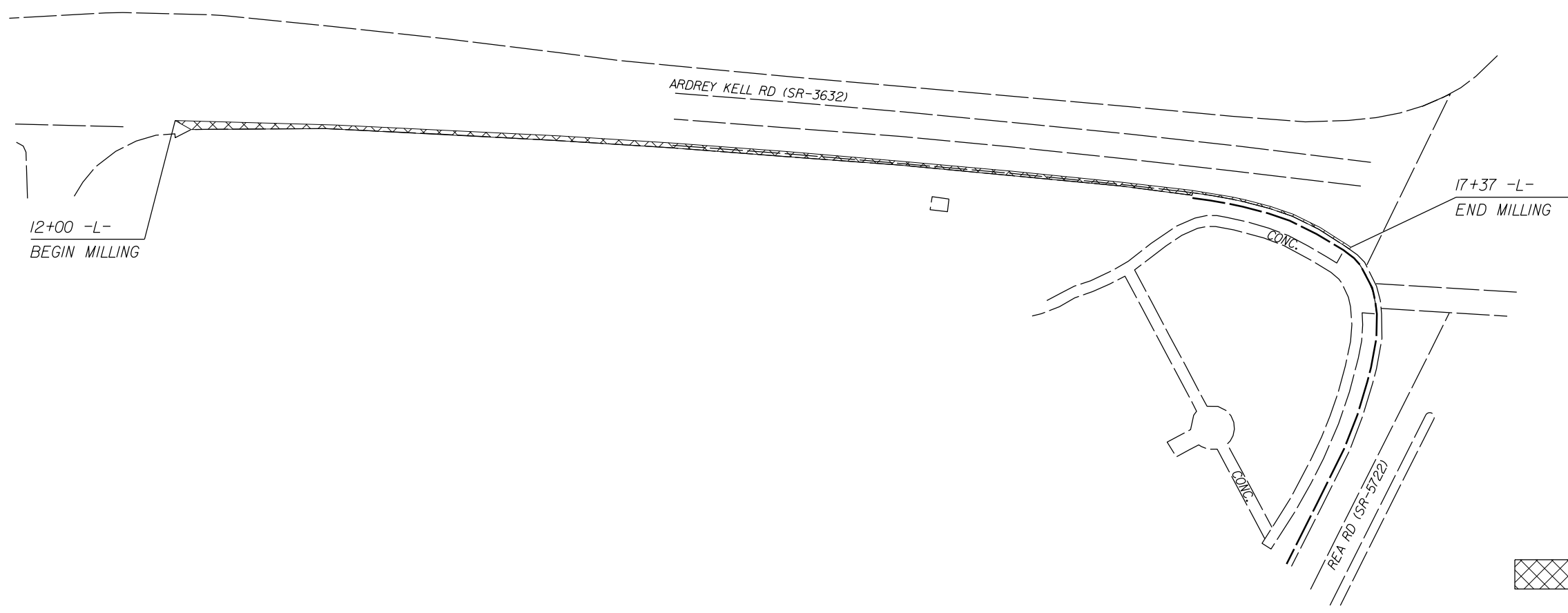
NOTE: SEE UBO PLAN SHEETS FOR UNDERGROUND UTILITIES.

RIGHT TURN LANE ON  
ARDREY KELL RD (SR-3632) AT  
REA RD.(SR-5722)

SCALE	1"=30'		REVISIONS
DATE	1-2023		
DWG. BY	TBL		
DESIGN BY	JCB		
APPROVED	JDH		


PROJECT NO.	SHEET NO.
50286	4A
F.A. PROJECT NO.	

ROADWAY DESIGN  
ENGINEER  
05/02/2023  
PROFESSIONAL  
SEAL  
042673  
J. D. H. [Signature]

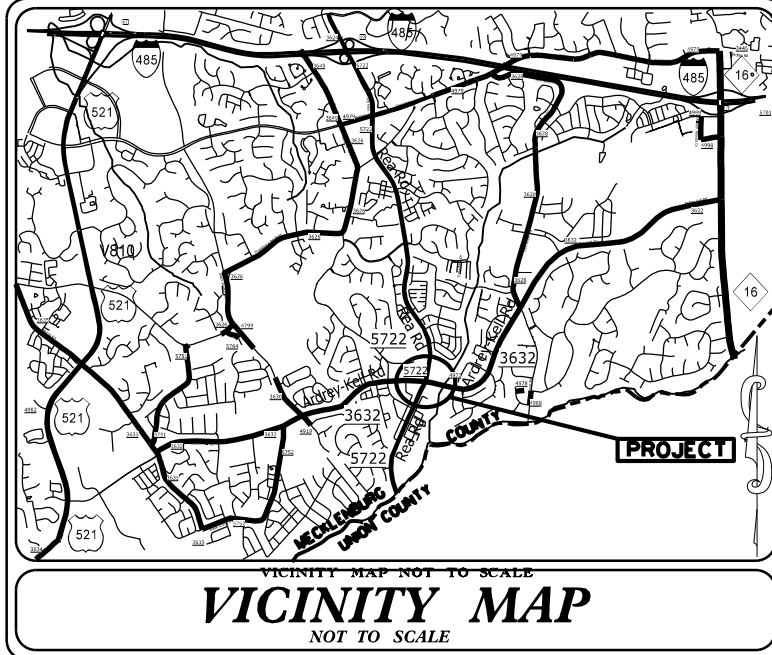


 MILLING ASPHALT 1.5" IN DEPTH

RIGHT TURN LANE ON  
ARDREY KELL RD (SR-3632) AT  
REA RD.(SR-5722)

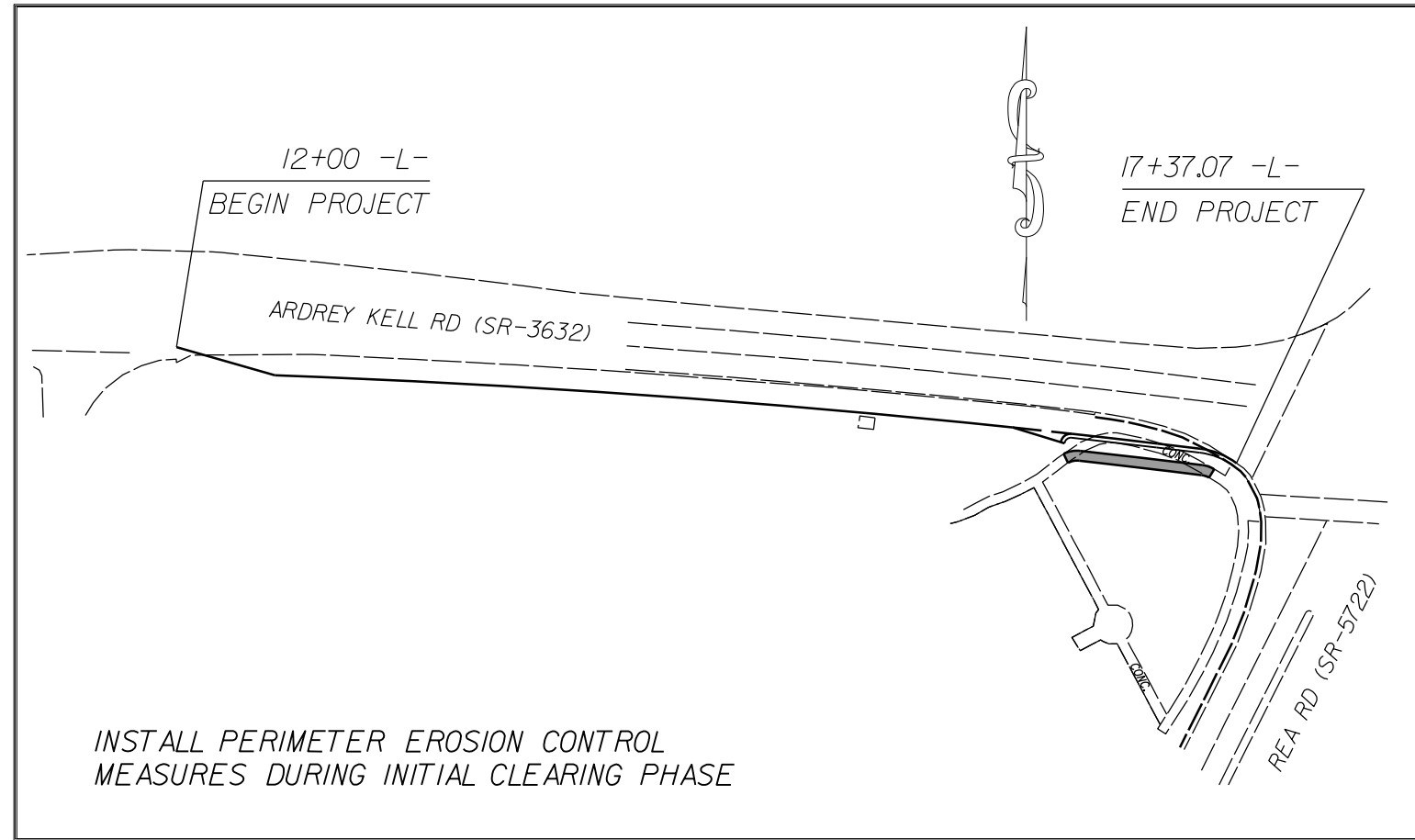
SCALE	r=30'		REVISIONS
DATE	8-2022		
DWG. BY	JCB		
DESIGN BY	JCB		
APPROVED	JDH		

**TIP PROJECT: SM-6110B**



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

**LOCATION:** INTERSECTION OF ARDREY KELL RD. (SR-3632)  
AND REA RD. (SR-5722)



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	SM-6110B	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
50286		P.E.	
50286		RW	
		CONST.	

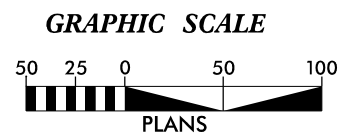
**EROSION AND SEDIMENT CONTROL MEASURES**

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

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

HIGH QUALITY WATER(S) EXIST  
ON THIS PROJECT

*High Quality Water Zone(s) Exist  
From Sta. Begin  
to Sta. End  
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:  
**JASON BROOKS** 4369  
NAME LEVEL III CERTIFICATION NO.

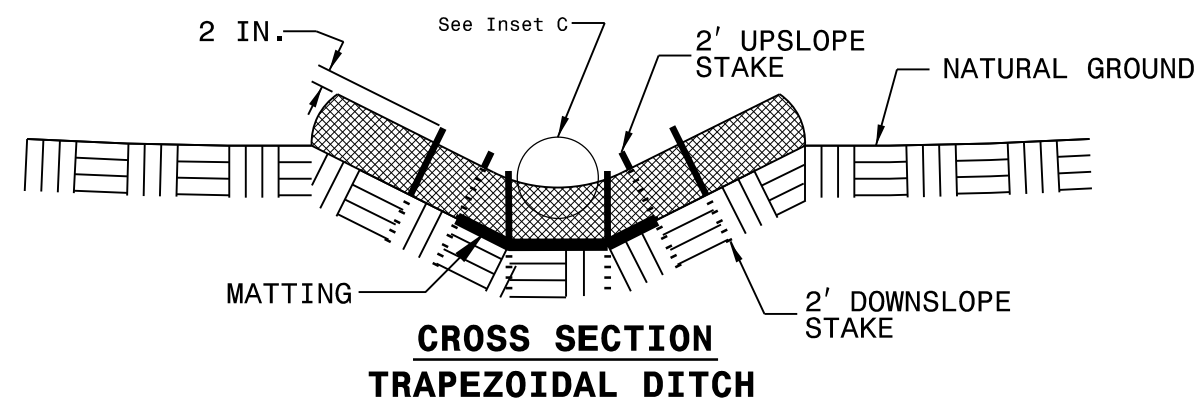
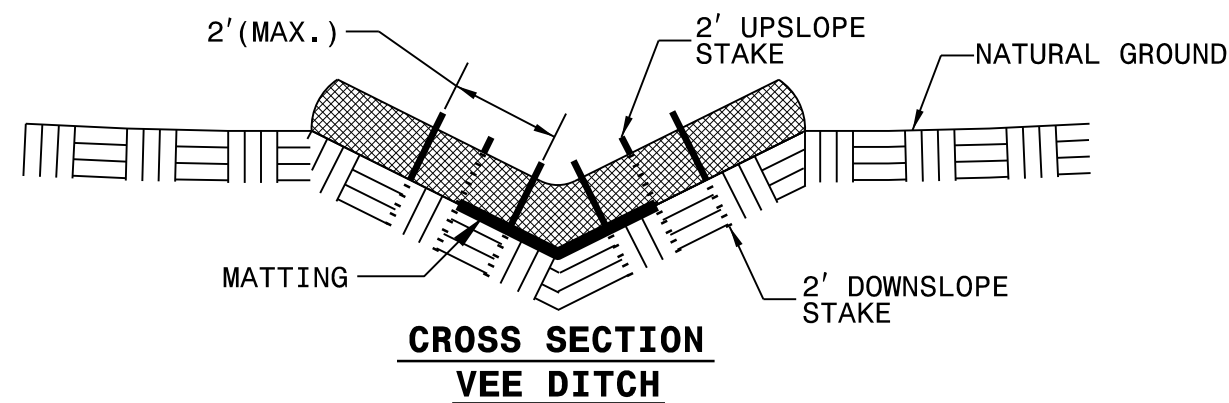
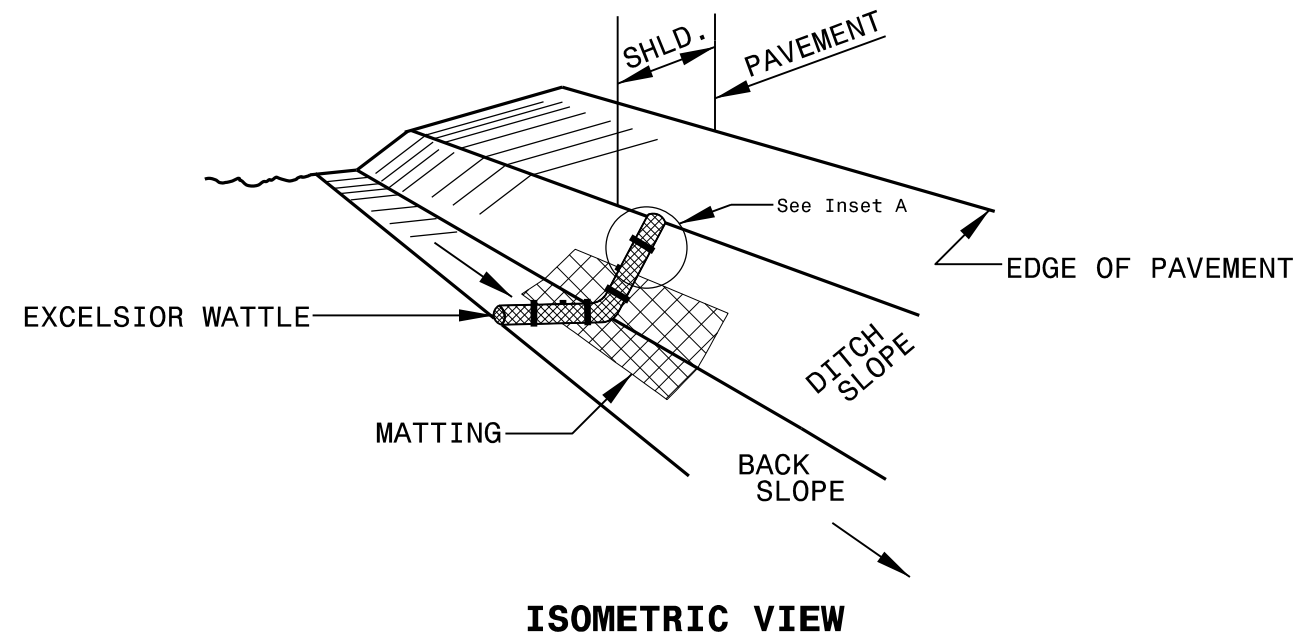
Roadway Standard Drawings

The following roadway english standards as appear in "Roadway Standard Drawings"-- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2018 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 J
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 J
1630.01 Riser Basin	1634.01 Temporary Rock Sediment Dam Type A
1630.02 Silt Basin Type J	1634.02 Temporary Rock Sediment Dam Type J
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 J
1630.05 Temporary Diversion	1640.01 Coir Fiber Jaffle
1630.06 Special Stilling Basin	1640.01 Coir Fiber Jaffle
1631.01 Matting Installation	1645.01 Temporary Stream Crossing



# 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.

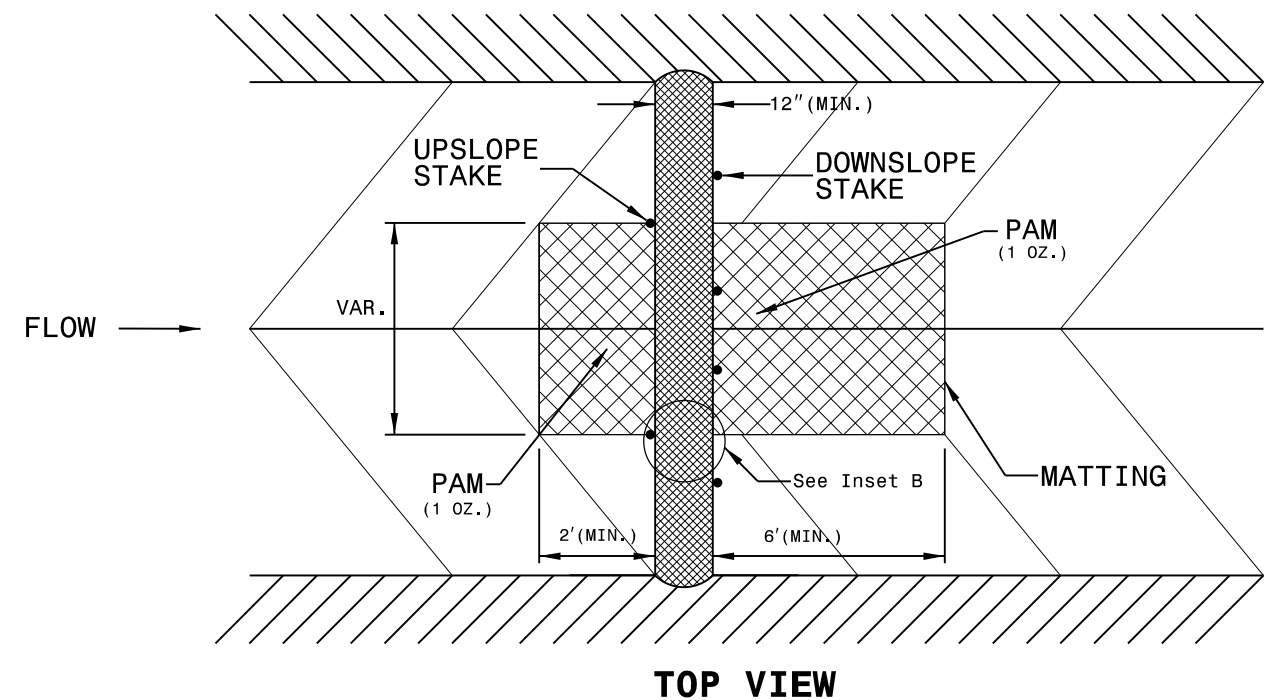
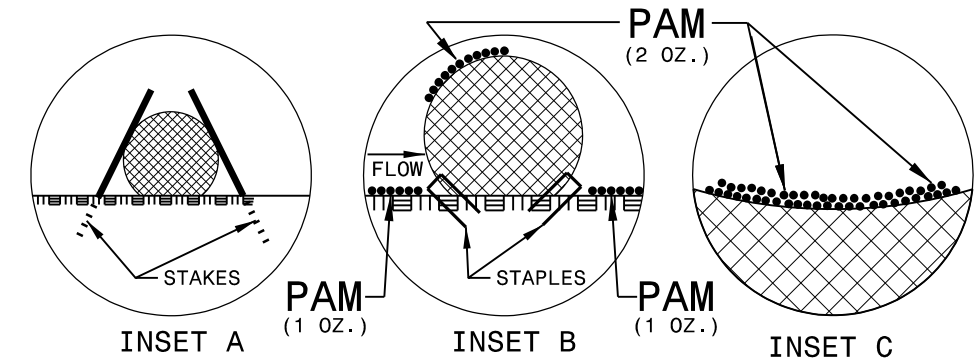
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

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

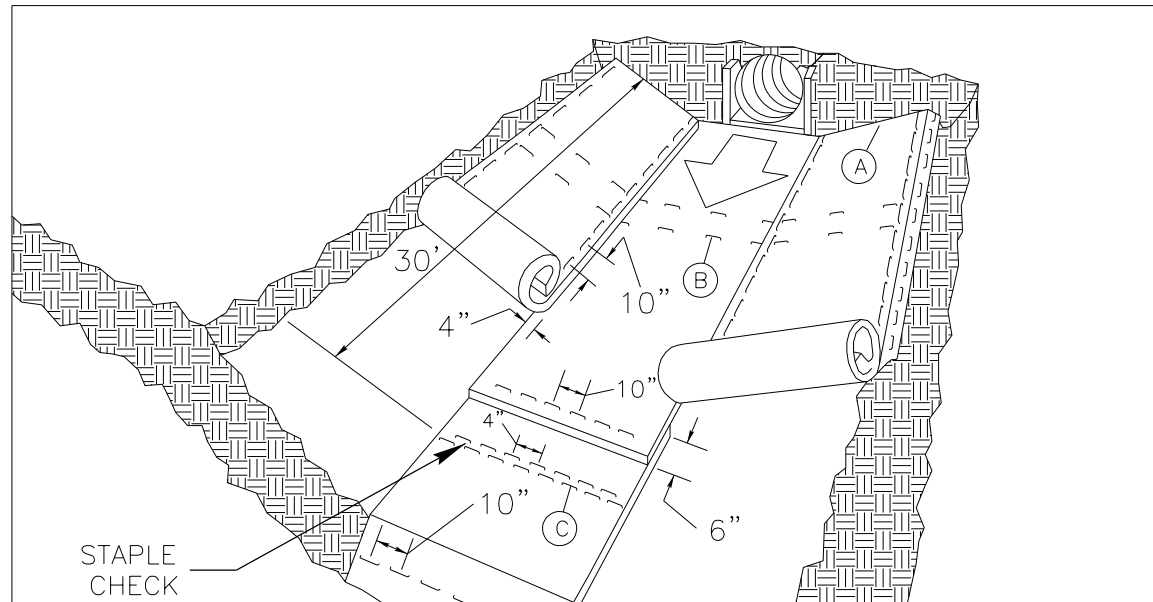
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.

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.



# MATTING INSTALLATION DETAIL



**MATTING IN DITCHES**

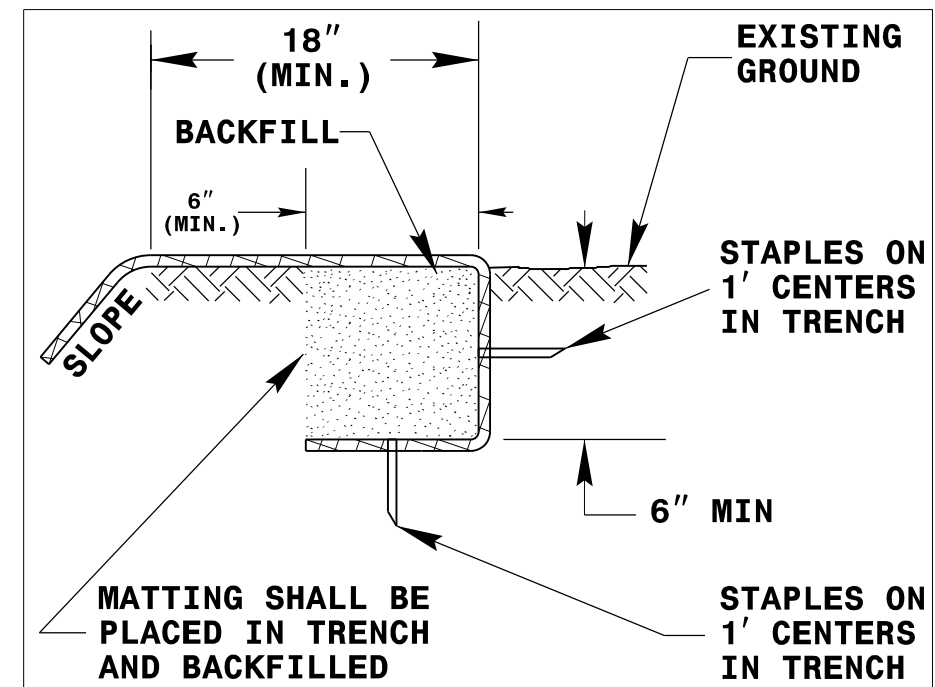
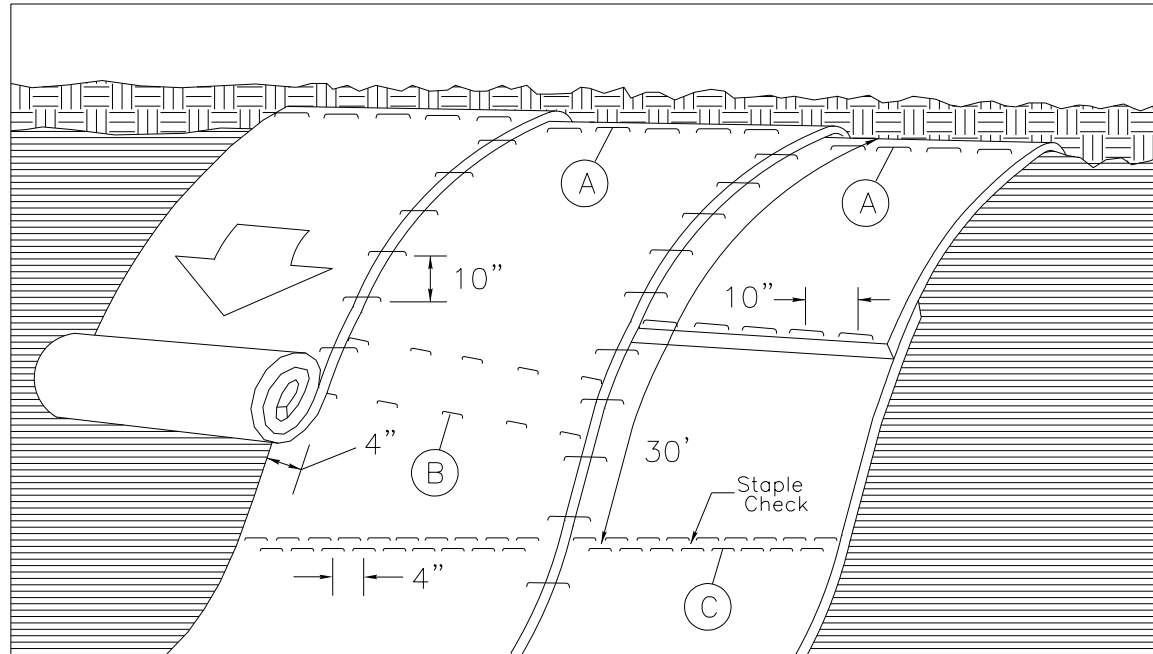


DIAGRAM (A)



**MATTING ON SLOPES**

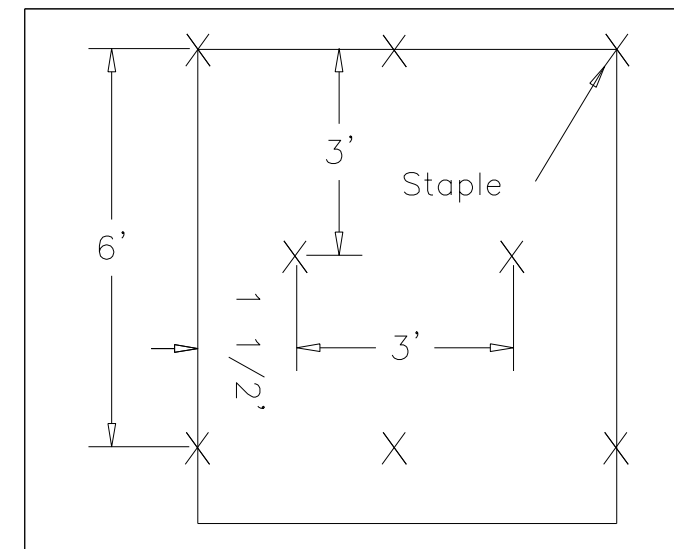


DIAGRAM (B)

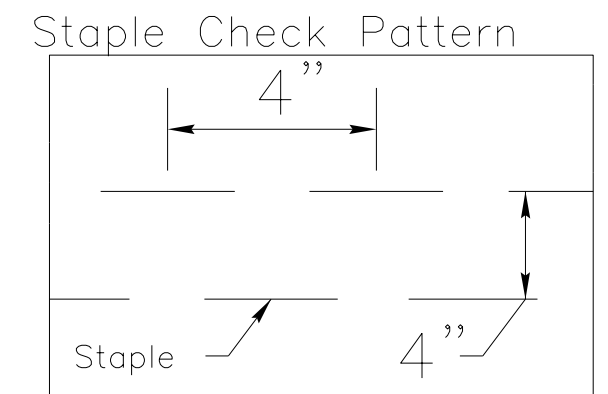


DIAGRAM (C)

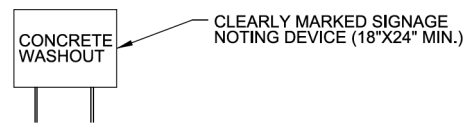
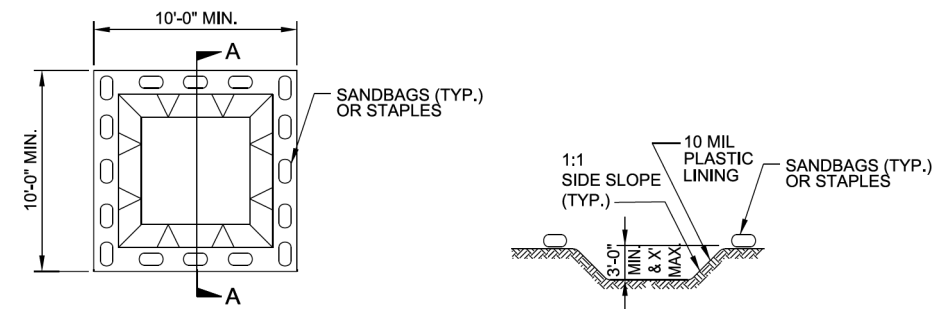
**NOTES:**

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

### ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER



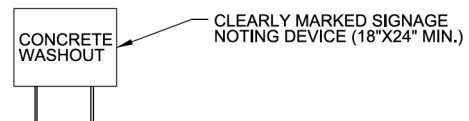
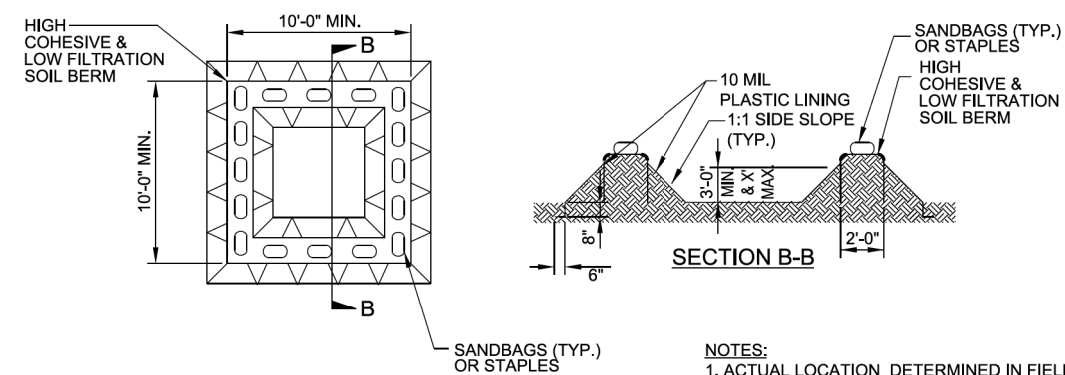
PLAN

#### 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.

### BELOW GRADE WASHOUT STRUCTURE

NOT TO SCALE



PLAN

- 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.

### ABOVE GRADE WASHOUT STRUCTURE

NOT TO SCALE

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

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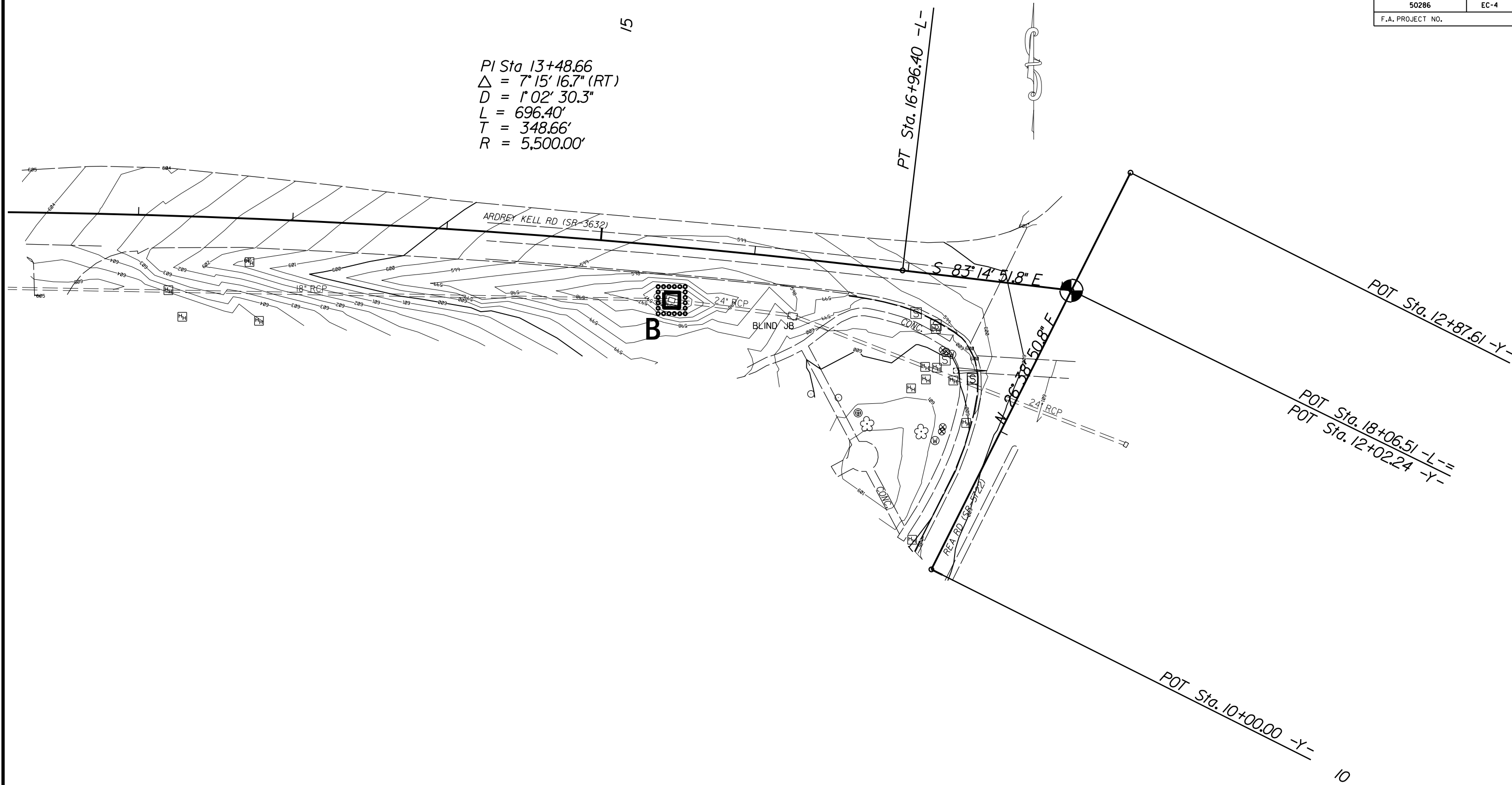
## ***SOIL STABILIZATION TIMEFRAMES***

<i>SITE DESCRIPTION</i>	<i>STABILIZATION TIME</i>	<i>TIMEFRAME EXCEPTIONS</i>
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HOW) 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 HOW ZONES.

PROJECT NO.	SHEET NO.
50286	EC-4
F.A. PROJECT NO.	

15

PI Sta 13+48.66  
 $\Delta = 7^{\circ} 15' 16.7''$  (RT)  
 $D = 1^{\circ} 02' 30.3''$   
 $L = 696.40'$   
 $T = 348.66'$   
 $R = 5,500.00'$



10

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

RIGHT TURN LANE ON  
 ARDREY KELL RD (SR-3632) AT  
 REA RD.(SR-5722)

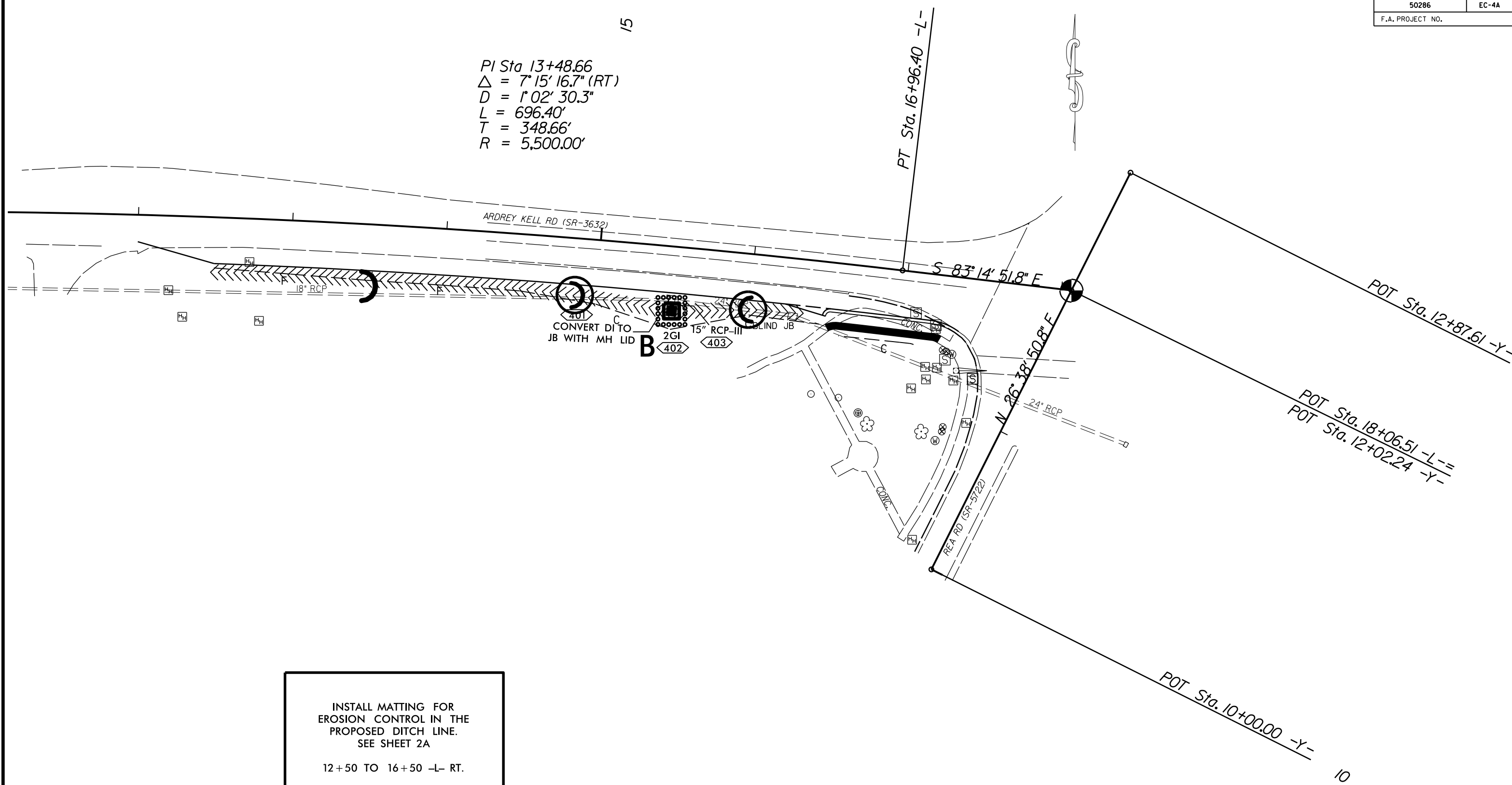
SCALE	1"=30'
DATE	8-2022
DWG. BY	JCB
DESIGN BY	JCB
APPROVED	JDH



REVISIONS	

PROJECT NO.	SHEET NO.
50286	EC-4A
F.A. PROJECT NO.	

PI Sta 13+48.66  
 $\Delta = 7^{\circ} 15' 16.7''$  (RT)  
 $D = 1^{\circ} 02' 30.3''$   
 $L = 696.40'$   
 $T = 348.66'$   
 $R = 5,500.00'$

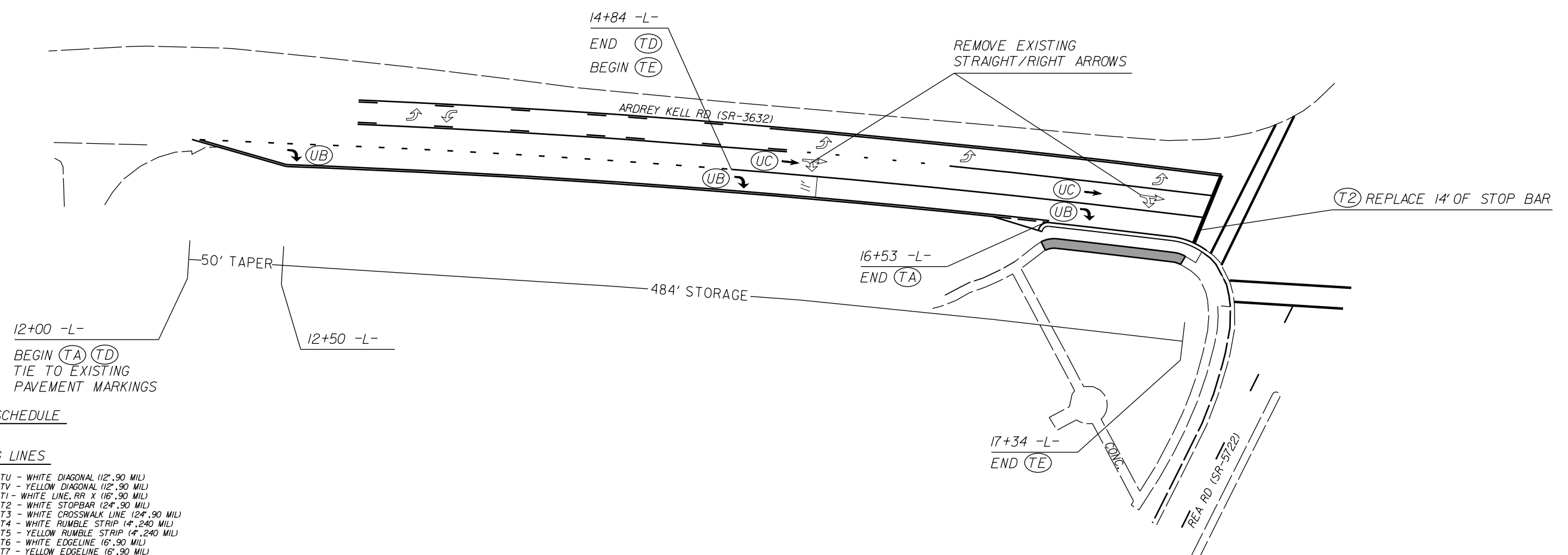
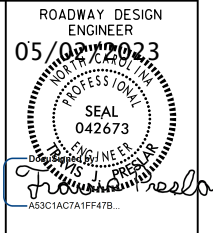


INSTALL MATTING FOR  
 EROSION CONTROL IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEET 2A  
  
 12+50 TO 16+50 -L- RT.

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

RIGHT TURN LANE ON  
 ARDREY KELL RD (SR-3632) AT  
 REA RD.(SR-5722)

SCALE	1"=30'		REVISIONS
DATE	1-2023		
DWG. BY	TBL		
DESIGN BY	JCB		
APPROVED	JDH		



**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)             | TI - 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 (16',.90 MIL)                             |
| TJ - 10FT. WHITE SKIP (16',.90 MIL)            | T7 - YELLOW EDGELINE (16',.90 MIL)                            |
| TK - 3FT.-9FT./SP WHITE MINISKIP (16',.90 MIL) | T8 - 2FT.-6FT./SP WHITE MINISKIP (4',.90 MIL)                 |
| TL - WHITE SOLID LANE LINE (16',.90 MIL)       | T9 - 2FT.-6FT./SP YELLOW MINISKIP (4',.90 MIL)                |
| TM - 10FT. YELLOW SKIP (16',.90 MIL)           | T10 - 3FT.-3FT./SP WHITE MINISKIP (12',.90 MIL)               |
| TN - WHITE GORELINE (8',.90 MIL)               | T11 - 2FT.-6FT./SP WHITE MINISKIP (16',.90 MIL)               |
| TO - WHITE DIAGONAL (8',.90 MIL)               | T12 - 2FT.-6FT./SP YELLOW MINISKIP (16',.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 (16',.90 MIL)                      |
| TS - WHITE GORELINE (12',.90 MIL)              | T16 - YELLOW DOUBLE CENTER (16',.90 MIL)                      |
| TT - WHITE SOLID LANE LINE (12',.90 MIL)       | T17 - 3FT.-3FT./SP WHITE MINISKIP ENTRANCE LINE (18',.90 MIL) |

**PAVEMENT MARKING SYMBOLS**

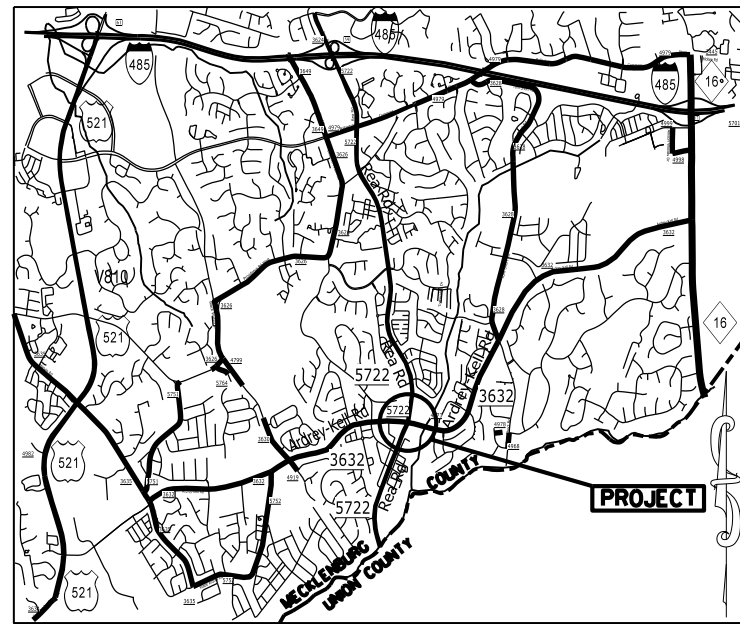
- |  |  |
|--|--|
| UA - LEFT TURN ARROW (90 MIL)                  | UU - FISH-HOOK STRAIGHT ARROW (90 MIL)                     |
| UB - RIGHT TURN ARROW (90 MIL)                 | UV - FISH-HOOK LEFT/STRAIGHT ARROW (90 MIL)                |
| UC - STRAIGHT ARROW (90 MIL)                   | UW - FISH-HOOK 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)                 | WA - FISH-HOOK W/CIRCLE LEFT ARROW (90 MIL)                |
| UI - ALPHANUMERIC CHAR. (90 MIL)               | WB - FISH-HOOK W/CIRCLE LEFT/STRAIGHT ARROW (90 MIL)       |
| UJ - BICYCLE SYMBOL (90 MIL)                   | WC - FISH-HOOK W/CIRCLE LEFT/RIGHT/STRAIGHT ARROW (90 MIL) |
| UK - BICYCLE STRAIGHT 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)               |

**RIGHT TURN LANE ON  
ARDREY KELL RD (SR-3632) AT  
REA RD. (SR-5722)**

SCALE	1"=30'		REVISIONS
DATE	1-2023		
DWG. BY	TBL		
DESIGN BY	JCB		
APPROVED	JDH		

**TIP: SM-6110B**

**PROJECT: 50286**



VICINITY MAP NOT TO SCALE

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

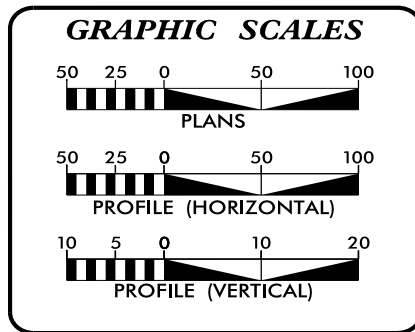
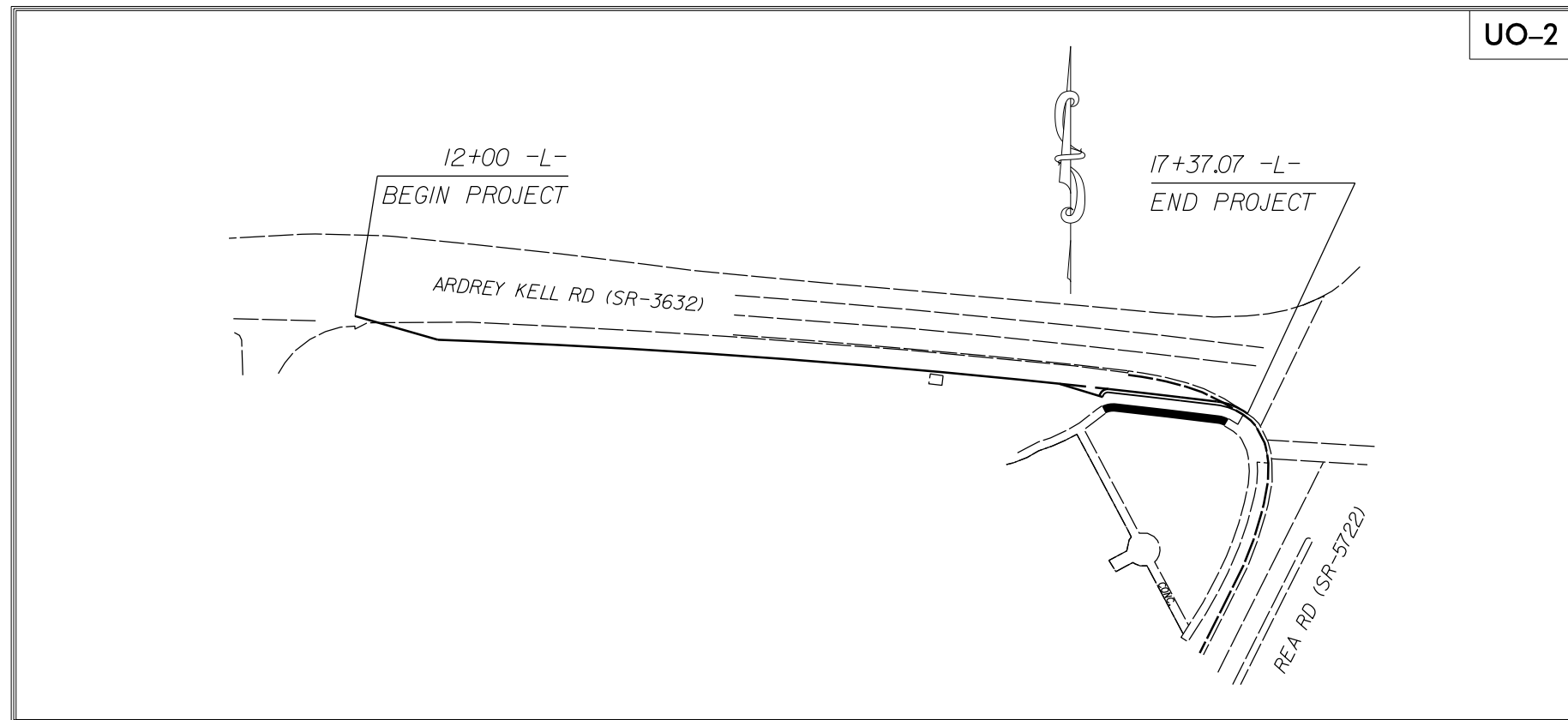
**MECKLENBURG COUNTY**

**LOCATION: INTERSECTION OF ARDERY KELL RD. (SR-3632)  
AND REA RD. (SR-5722)**

**TYPE OF WORK: UTILITIES BY OTHERS**

T.I.P. NO.	SHEET NO.
50286	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**


SHEET NO.:	DESCRIPTION:
UO-1	TITLE SHEET
UO-2	UBO PLAN SHEETS

**UTILITY OWNERS WITH CONFLICTS**

(A) TELECOMMUNICATIONS - LUMEN

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

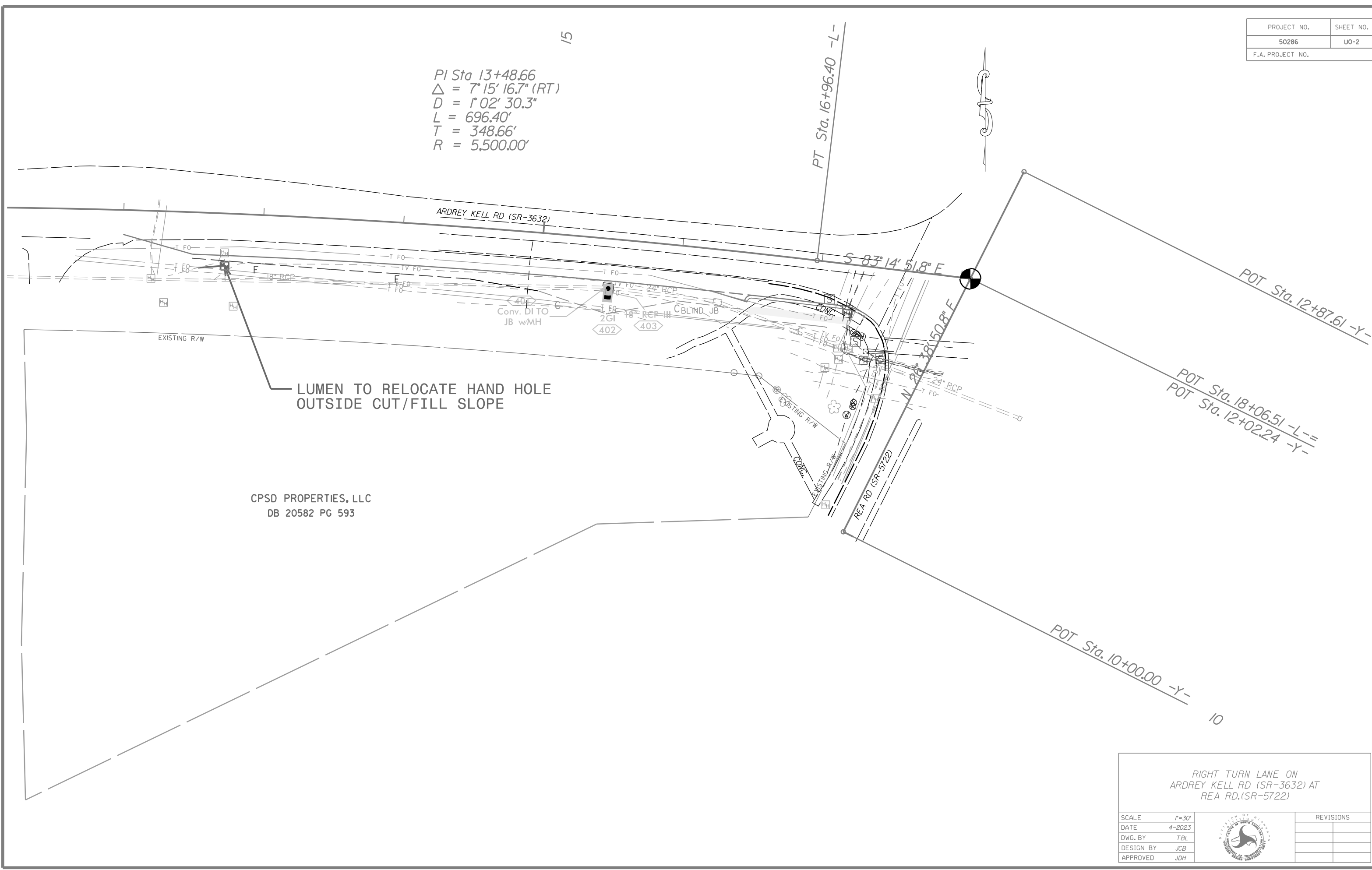
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**T LYNN BASINGER** UTILITIES ENGINEER  
**ADAM PRESSLAR** UTILITIES COORDINATOR



PROJECT NO.	SHEET NO.
50286	U0-2
F.A. PROJECT NO.	

PI Sta 13+48.66  
 $\Delta = 7^{\circ} 15' 16.7''$  (RT)  
 $D = 1^{\circ} 02' 30.3''$   
 $L = 696.40'$   
 $T = 348.66'$   
 $R = 5,500.00'$



LUMEN TO RELOCATE HAND HOLE  
OUTSIDE CUT/FILL SLOPE

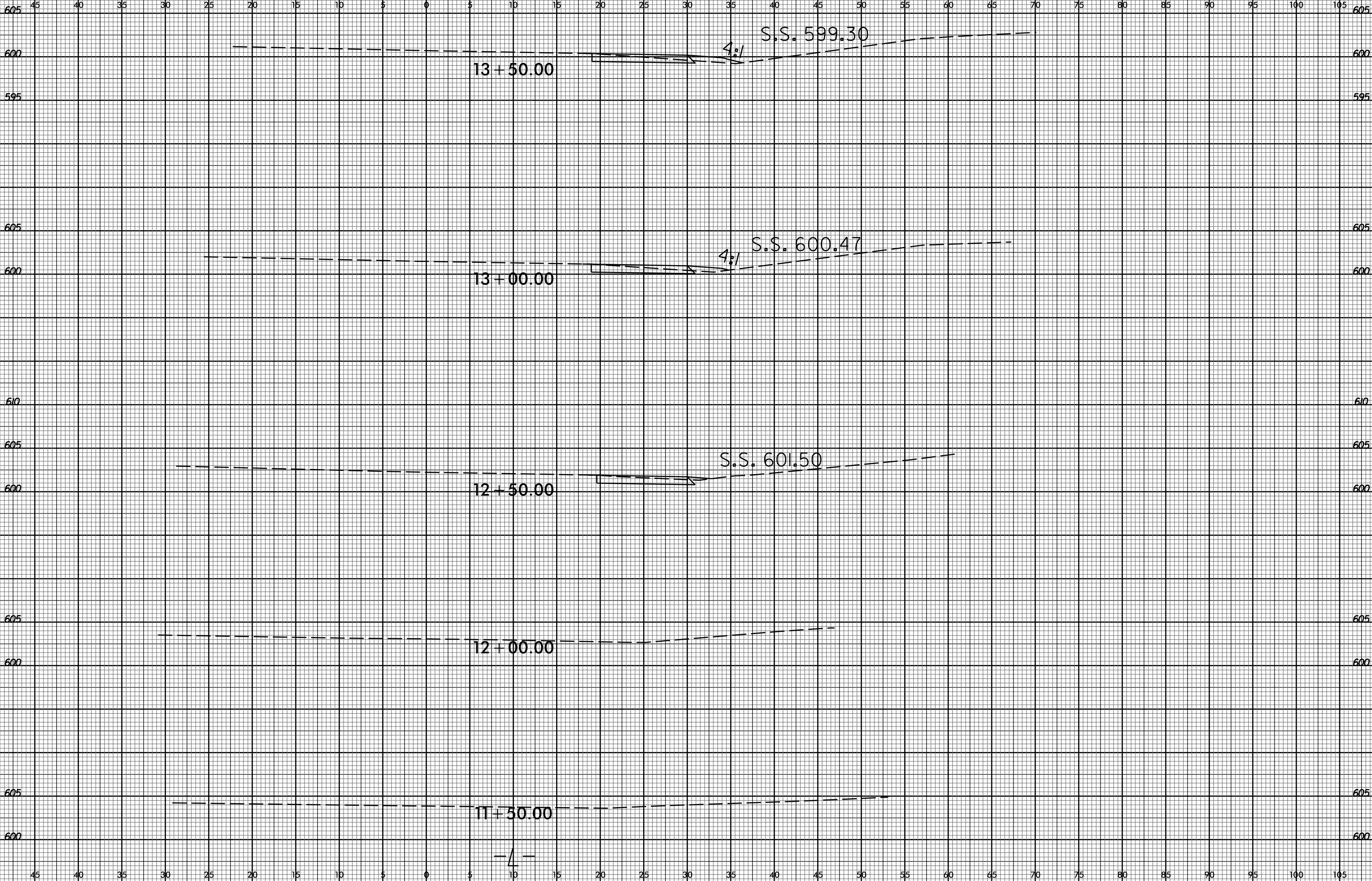
CPSD PROPERTIES, LLC  
DB 20582 PG 593

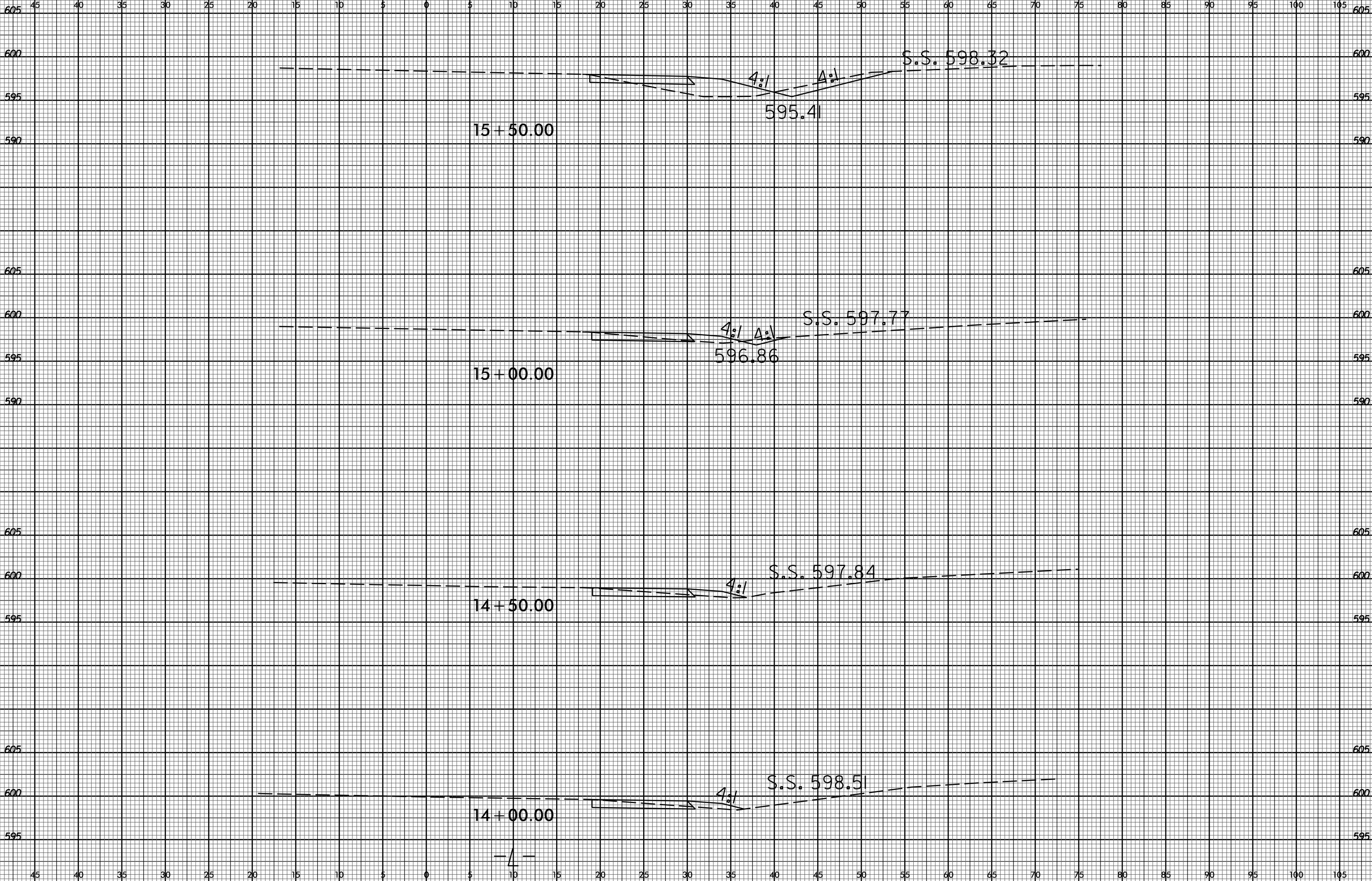
RIGHT TURN LANE ON  
ARDREY KELL RD (SR-3632) AT  
REA RD.(SR-5722)

SCALE	1"=30'
DATE	4-2023
DWG. BY	TBL
DESIGN BY	JCB
APPROVED	JDH



REVISIONS	







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 80 85 90 95 100 105

605 605

600 600

17+50.00

595 595

605 605

600 600

A:1 S.S. 599.71

599.19

17+00.00

595 595

605 605

600 600

S.S. 599.43

16+50.00

595 595

605 605

600 600

A:1 S.S. 598.05

597.18

16+00.00

595 595

590 590

4

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 80 85 90 95 100 105