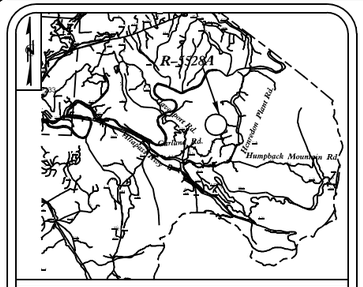
TIP PROJECT: R-5528A

CONTRACT: DM00174



VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

MITCHELL COUNTY

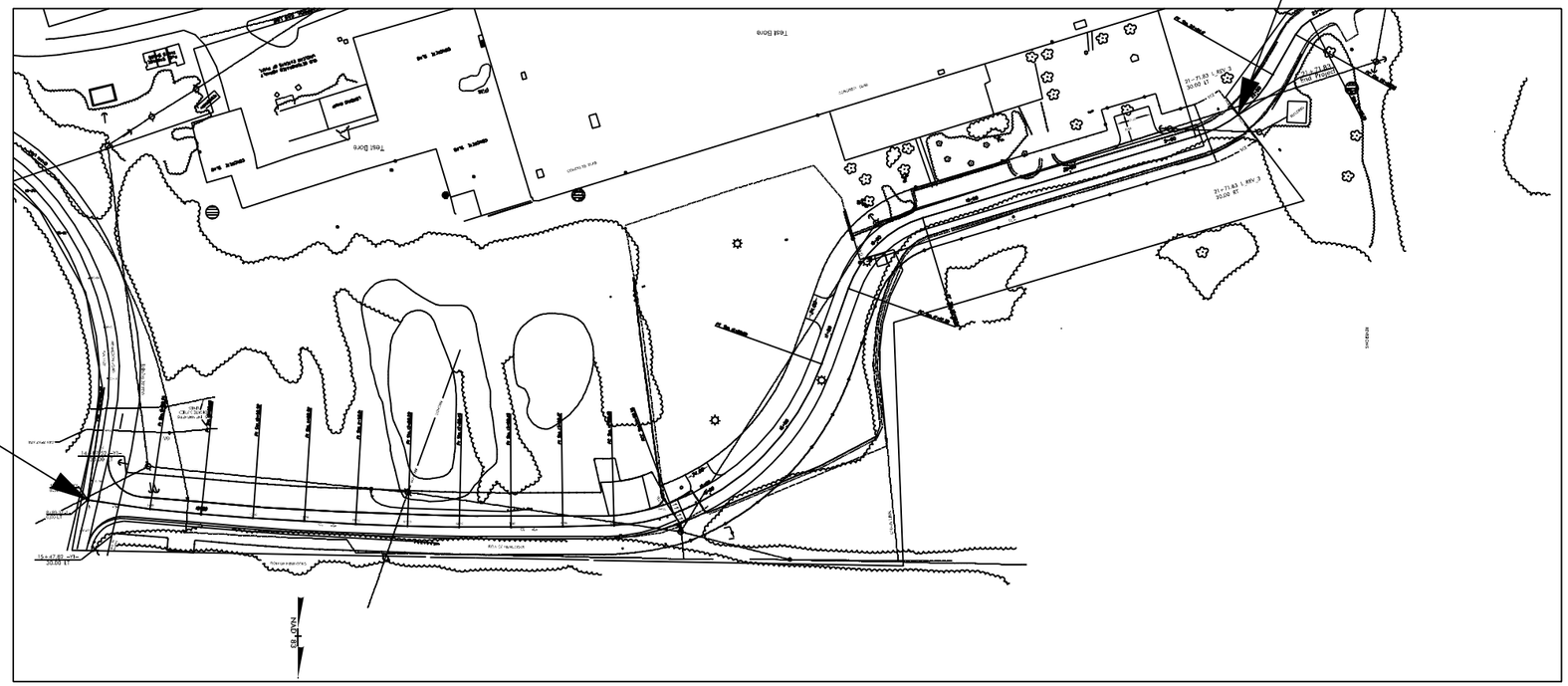
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-5528A	1	

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
50101.3.2	APD-1129(16)	CONST

LOCATION: *NEW ADDITION OFF SR. 1129, 0.63 MILES NORTH OF SR. 1128*
PROPERTY OF MITCHELL COUNTY DEVELOPMENT FOUNDATION
TYPE OF WORK: *GRADING, DRAINAGE AND PAVING*

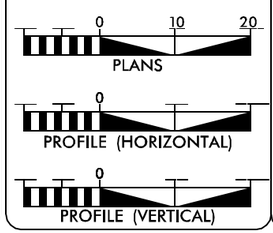
END PROJECT R5528A
21+71.83 –L–

BEG PROJECT R5528A
8+89.37 –L–



$$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$
$$$$$USERNAME$$$$

GRAPHIC SCALES



DESIGN DATA

ADT _____=
ADT _____=
DHV = ___ %
D = ___ %
T = ___ % *
V = ___ MPH
* TTST = _ _ DUAL _ _
FUNC CLASS =

_____
_____ TIER

PROJECT LENGTH

LENGTH ROADWAY PROJECT R-5528A =0.243

TOTAL LENGTH ROADWAY PROJECT R-5528A =0.243

Prepared in the Office of:
DIVISION 13, DISTRICT 1
3931 NC226S, MARION, NC 28752

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:

LETTING DATE:

PROJECT ENGINEER

PROJECT ENGINEER

HYDRAULICS ENGINEER

_____ P.E.
SIGNATURE:

ROADWAY DESIGN ENGINEER

_____ P.E.
SIGNATURE:

04/06/15

PROJECT REFERENCE NO.	SHEET NO.

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
- Proposed Woven Wire Fence
- Proposed Chain Link Fence
- Proposed Barbed Wire Fence
- Existing Wetland Boundary — WLB
- Proposed Wetland Boundary — WLB
- Existing Endangered Animal Boundary — EAB
- Existing Endangered Plant Boundary — EPB
- Existing Historic Property Boundary — HPB
- 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 — JS
- Buffer Zone 1 — BZ 1
- Buffer Zone 2 — BZ 2
- Flow Arrow
- Disappearing Stream
- Spring
- Wetland
- Proposed Lateral, Tail, Head Ditch — FLOW
- False Sump

RAILROADS:

- Standard Gauge — CSX TRANSPORTATION
- RR Signal Milepost — MILEPOST 35
- Switch — 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 R/W Marker — RW
- Proposed Control of Access Line with Concrete C/A Marker — CA
- Existing Control of Access — CA
- Proposed Control of Access — CA
- 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 — CR
- Existing Metal Guardrail
- Proposed Guardrail
- Existing Cable Guiderail
- Proposed Cable Guiderail
- Equality Symbol
- Pavement Removal

VEGETATION:

- Single Tree
- Single Shrub
- Hedge
- Woods Line
- Orchard — Orchard
- Vineyard — 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
- H-Frame Pole
- U/G Power Line LOS B (S.U.E.*) — P
- U/G Power Line LOS C (S.U.E.*) — P
- U/G Power Line LOS D (S.U.E.*) — P

TELEPHONE:

- Existing Telephone Pole
- Proposed Telephone Pole
- Telephone Manhole — T
- Telephone Pedestal — T
- Telephone Cell Tower
- U/G Telephone Cable Hand Hole — HH
- U/G Telephone Cable LOS B (S.U.E.*) — T
- U/G Telephone Cable LOS C (S.U.E.*) — T
- U/G Telephone Cable LOS D (S.U.E.*) — T
- U/G Telephone Conduit LOS B (S.U.E.*) — TC
- U/G Telephone Conduit LOS C (S.U.E.*) — TC
- U/G Telephone Conduit LOS D (S.U.E.*) — TC
- U/G Fiber Optics Cable LOS B (S.U.E.*) — T FO
- U/G Fiber Optics Cable LOS C (S.U.E.*) — T FO
- U/G Fiber Optics Cable LOS D (S.U.E.*) — T FO

WATER:

- Water Manhole — W
- Water Meter
- Water Valve
- Water Hydrant
- U/G Water Line LOS B (S.U.E*) — W
- U/G Water Line LOS C (S.U.E*) — W
- U/G Water Line LOS D (S.U.E*) — W
- Above Ground Water Line — A/G Water

TV:

- TV Pedestal — C
- TV Tower
- U/G TV Cable Hand Hole — HH
- U/G TV Cable LOS B (S.U.E.*) — TV
- U/G TV Cable LOS C (S.U.E.*) — TV
- U/G TV Cable LOS D (S.U.E.*) — TV
- U/G Fiber Optic Cable LOS B (S.U.E.*) — TV FO
- U/G Fiber Optic Cable LOS C (S.U.E.*) — TV FO
- U/G Fiber Optic Cable LOS D (S.U.E.*) — TV FO

GAS:

- Gas Valve
- Gas Meter
- U/G Gas Line LOS B (S.U.E.*) — G
- U/G Gas Line LOS C (S.U.E.*) — G
- U/G Gas Line LOS D (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
- SS Forced Main Line LOS B (S.U.E.*) — FSS
- SS Forced Main Line LOS C (S.U.E.*) — FSS
- SS Forced Main Line LOS D (S.U.E.*) — FSS

MISCELLANEOUS:

- Utility Pole
- Utility Pole with Base
- Utility Located Object
- Utility Traffic Signal Box — 5
- Utility Unknown U/G Line LOS B (S.U.E.*) — ?U/G
- U/G Tank; Water, Gas, Oil
- Underground Storage Tank, Approx. Loc. — UST
- A/G Tank; Water, Gas, Oil
- Geoenvironmental Boring
- U/G Test Hole LOS A (S.U.E.*)
- Abandoned According to Utility Records — AATUR
- End of Information — E.O.I.

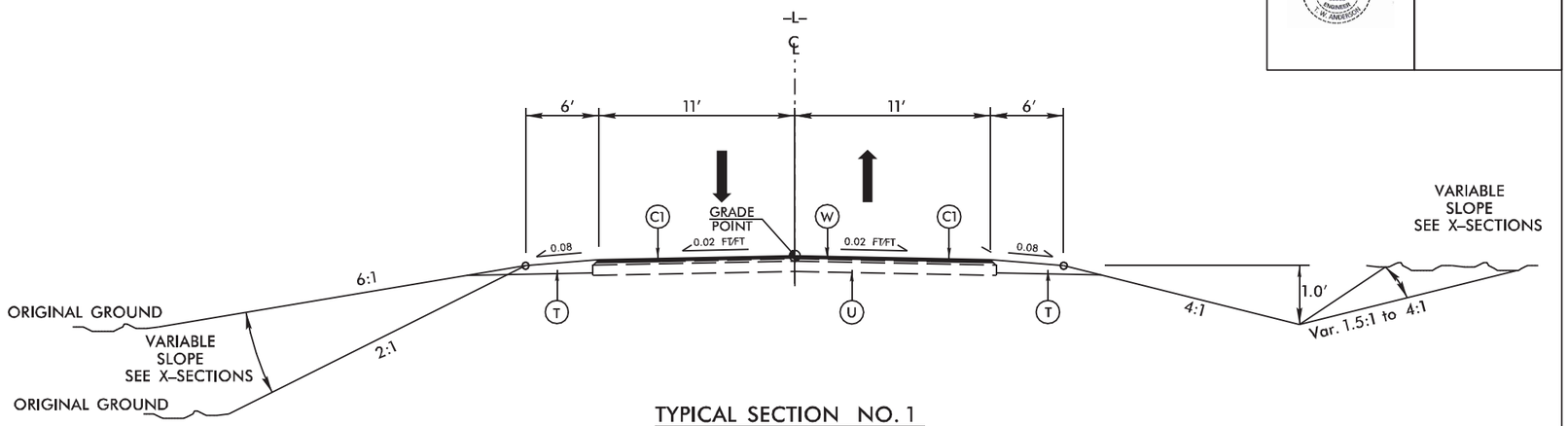
6/2/99

PROJECT REFERENCE NO.	SHEET NO.
R-5528A	2A1
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER

FINAL PAVEMENT SCHEDULE

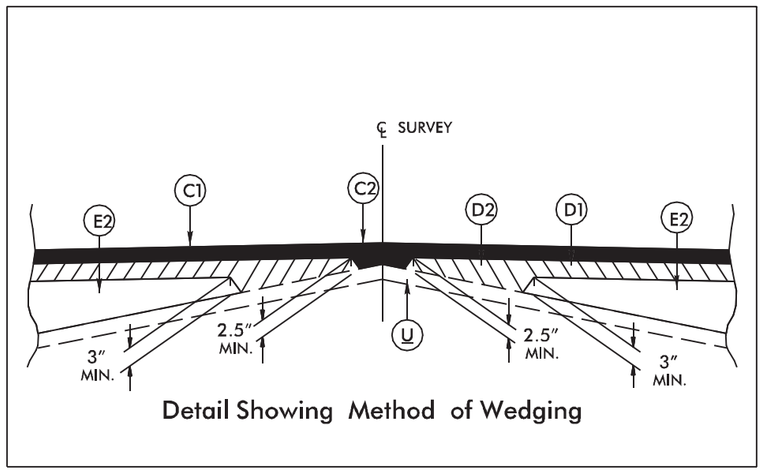
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 112 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT TO EXCEED 2" IN DEPTH.
D2	PROP.VAR. DEPTH ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, 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.
E1	PROP. APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E2	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT LESS THAN 3" IN DEPTH OR GREATER THAN 5½" IN DEPTH.
T_	EARTH MATERIAL
U_	EXISTING PAVEMENT
W	VARIABLE DEPTH ASPHALT PAVEMENT (SEE WEDGING DETAILS)

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



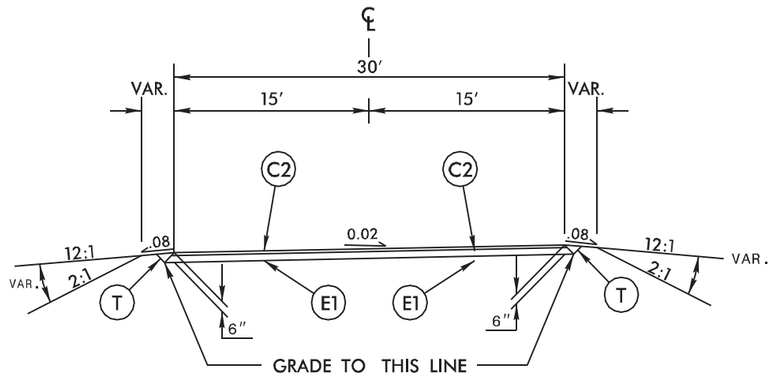
TYPICAL SECTION NO. 1

–L– STA 14+75.00 TO STA 21+30.55



Detail Showing Method of Wedging

TURN AROUND



TYPICAL SECTION NO. 2

TURN AROUND

$$$$USERNAME$$$$ $$$$SYSTIME$$$$ $$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$

COMPUTED BY: ______________ DATE: ______________
CHECKED BY: ______________ DATE: ______________

4/04/06

PROJECT REFERENCE NO.	SHEET NO.
R5528A	3D-1

NOTE: Invert Elevations are for Bid Purposes only and shall not be used for project construction stakeout. See "Standard Specifications For Roads and Structures, Section 300–5".

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
SUB–REGIONAL & REGIONAL
LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48" & UNDER)

STATION	LOCATION (LT,RT, OR CL)	STRUCTURE NO. FROM	STRUCTURE NO. TO	TOP ELEVATION	INVERT ELEVATION	INVERT ELEVATION	SLOPE CRITICAL	DRAINAGE PIPE (RCP, CSP, CAAP, HDPE, or PVC) 12"	15"	18"	24"	30"	36"	42"	48"	DO NOT USE RCP	DO NOT USE CSP	DO NOT USE CAAP	DO NOT USE HDPE
9+38 -L-	Lt	1																	
		OUT	IN	N\A	N\A														
14+06 -L-	Lt	2		N\A	2793.62														
		2	3		2793.62	2795.35			61										
14+76 -L-	Lt	3		2799.20	2795.35														
		3	4		2795.35	2799.48			42										
15+24 -L-	Lt	4			2799.48														
17+94 -L-	Lt	5		N\A	2801.99														
		5	6		2801.99	2802.25			23										
18+00 -L-	Lt	6		2805.00	2802.25														
		6	7		2802.25	2802.65													
18+00 -L-	Rt	7		2804.57	2802.65														
20+40 -L-	Lt	8		N\A	2803.46														
		8	9		2803.46	2803.13													
21+06 -L-	Lt	9			2803.13														
21+67 -L-	Rt	10		2804.70	2802.69														
		10	11		2802.69	2802.75			8										
21+59 -L-	Rt	11			2802.75														
14+26 -L-	Rt	12																	
14+44 -L-	Rt	13																	
14+60 -L-	CL	14																	
Totals:									134										

STATION	STRUCTURE NO. FROM	TO	C.S. PIPE 12" (.064)	15" (.064)	18" (.064)	24" (.064)	36" (.079)	42" (.109)	48" (.109)	R.C. PIPE (CLASS III) 15"	18"	24"	30"	36"	42"	48"	R.C. PIPE (CLASS IV) 12"	15"	18"	24"	30"	36"	42"	48"
	OUT	IN					40																	
	6	7																41						
	8	9																66						
Totals:							40											107						

STATION	STRUCTURE NO.	***" R. C. PIPE (CLASS V)	***" R. C. PIPE CULVERTS, CONTRACTOR DESIGN PIPE	***" R. C. PIPE CULVERTS, CONTRACTOR DESIGN PIPE	15" SIDE DRAIN PIPE	18" SIDE DRAIN PIPE	ENDWALLS STD. 838.01, STD. 838.11 OR STD. 838.80 (UNLESS NOTED OTHERWISE) CU. YDS. R.C.P.	C.S.P.	QUANTITIES FOR DRAINAGE STRUCTURES PER EACH (0' THRU 5.0')	LIN. *FT. A 5.0' THRU 10.0'	B 10.0' AND ABOVE	C.B. STD. 840.01 OR STD. 840.02	FRAME, GRATES AND HOOD STANDARD 840.03 TYPE OF GRATE E	F	G	CONCRETE TRANSITIONAL SECTION CATCH BASIN	DROP INLET	G.D.I. TYPE "B" STD. 840.18 OR 840.27	G.D.I. FRAME WITH TWO GRATES STD. 840.22	J.B. STD. 840.31 OR 840.32	PIPE REMOVAL LIN.FT.	REMARKS
	OUT																				40	
14+76 -L-	3								1									1	1			
17+94 -L-	5								1											1		
18+00 -L-	6								1									1	1			
18+00 -L-	7								1									1	1			
21+67 -L-	10								1									1	1			
14+26 -L-	12																				39	
14+44 -L-	13																					Remove Existing DI
14+60 -L-	14																					Flowable Fill 24" CMP = 6.4 Cu Yds
Totals:									5									4	4	1	79	

* TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B')

ABBREVIATIONS

C.B.	CATCH BASIN
N.D.I.	NARROW DROP INLET
D.I.	DROP INLET
G.D.I.	GRATED DROP INLET
G.D.I. (N.S.)	GRATED DROP INLET (NARROW SLOT)
J.B.	JUNCTION BOX
M.H.	MANHOLE
T.B.D.I.	TRAFFIC BEARING DROP INLET
T.B.J.B.	TRAFFIC BEARING JUNCTION BOX

$$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$
$$$$$$USERNAME$$$$$

PROJECT REFERENCE NO.	SHEET NO.
R5528A	4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

① Mitchell County Development Foundation, INC,
North Carolina Nonprofit Corporation
DB 547 PG 513-514

Existing 36" HDPE Pipe

Existing 12" CMP Inlet Unknown

Remove Existing 24" HDPE Pipe (Install 36" CMP)

Remove Existing Turn Around

Pond Overflow

HENREDON ROAD S.R.1129

Existing 30' RW

18"CMP

ROW OF HEMLOCKS

ANCHOR

14+08.70 62.73 LT

13+80.52 -L- 62.73 LT

13+87.94 30.00 LT

13+80.90

13+89.18 30.00 RT

14+87.52 -Y1- 30.00 LT

15+21.97 -Y1- 0.00 RT

9+23.96 -L- 30.00 LT

8+89.37 -L- 0.00 LT

9+15.11 -L- 30.00 RT

9+70.00 -L- 30.00 RT

9+96.00 L 30.00 RT

15+47.82 -Y1- 30.00 LT

9+70.00 -L- 42.00 RT

9+96.00 L 42.00 RT

DB 449 PG 590
BIDDIX TERRY BRUCE & VALERIE
1709-00-97-0698

DB 295 PG 389
HARKEY RAY ETAL
1709-00-87-8712

NAD 83

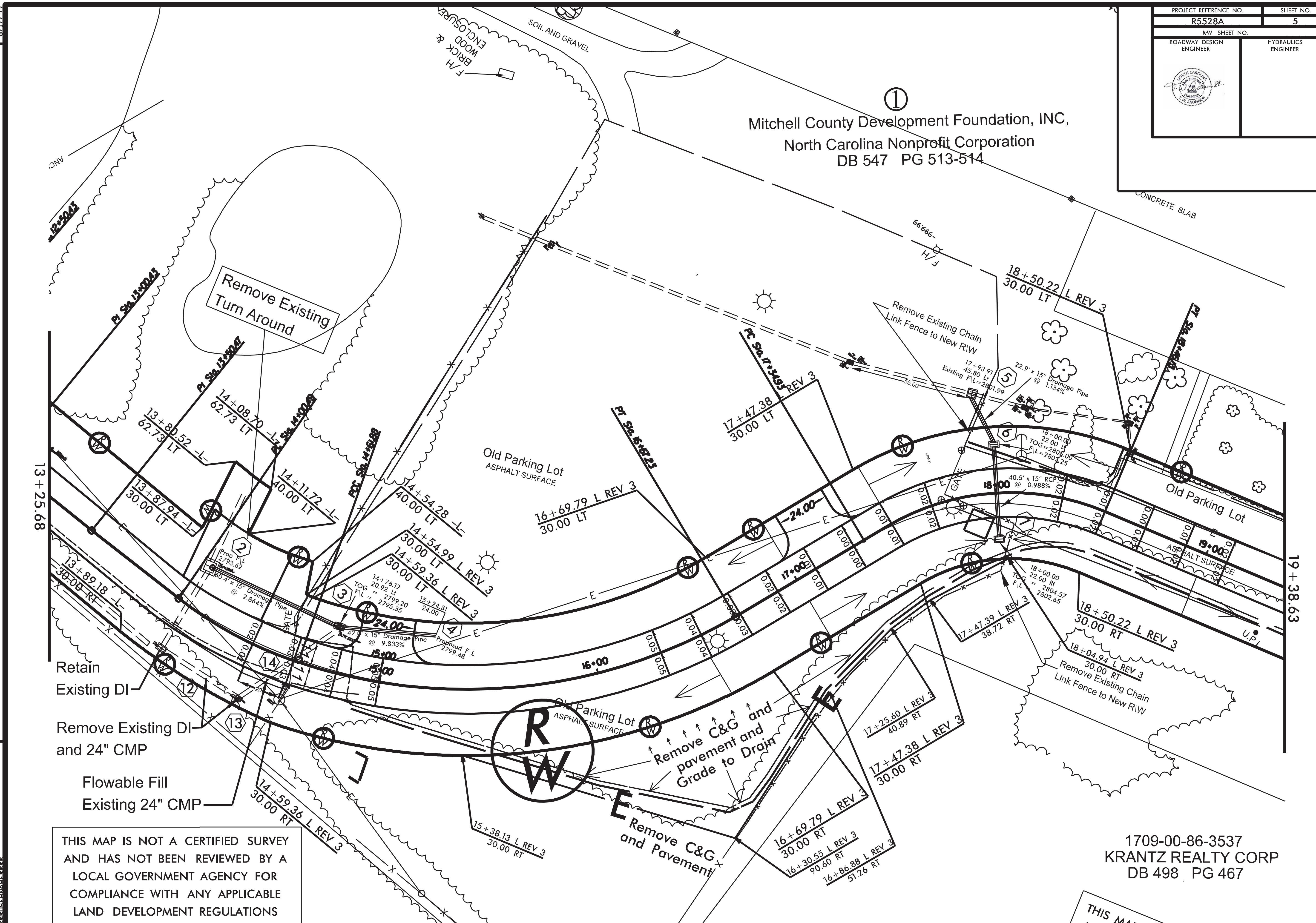
THIS MAP IS NOT A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS

REVISIONS

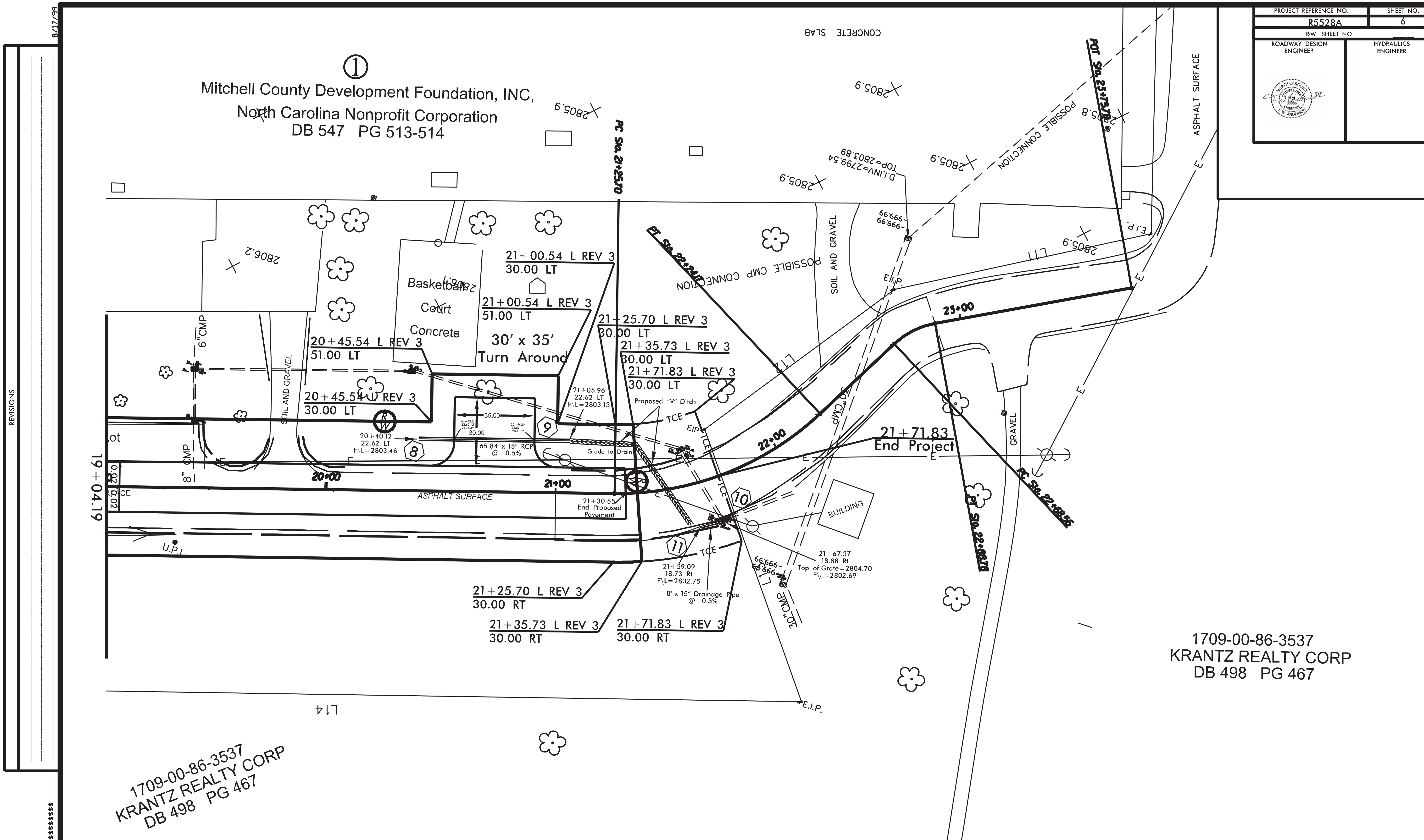
8/17/99

8/17/99

REVISIONS



$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$



THIS MAP IS NOT A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS

$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

TIP PROJECT: R5528A

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R5528A	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
50101.3.2	APD-1129(16)	CONST	

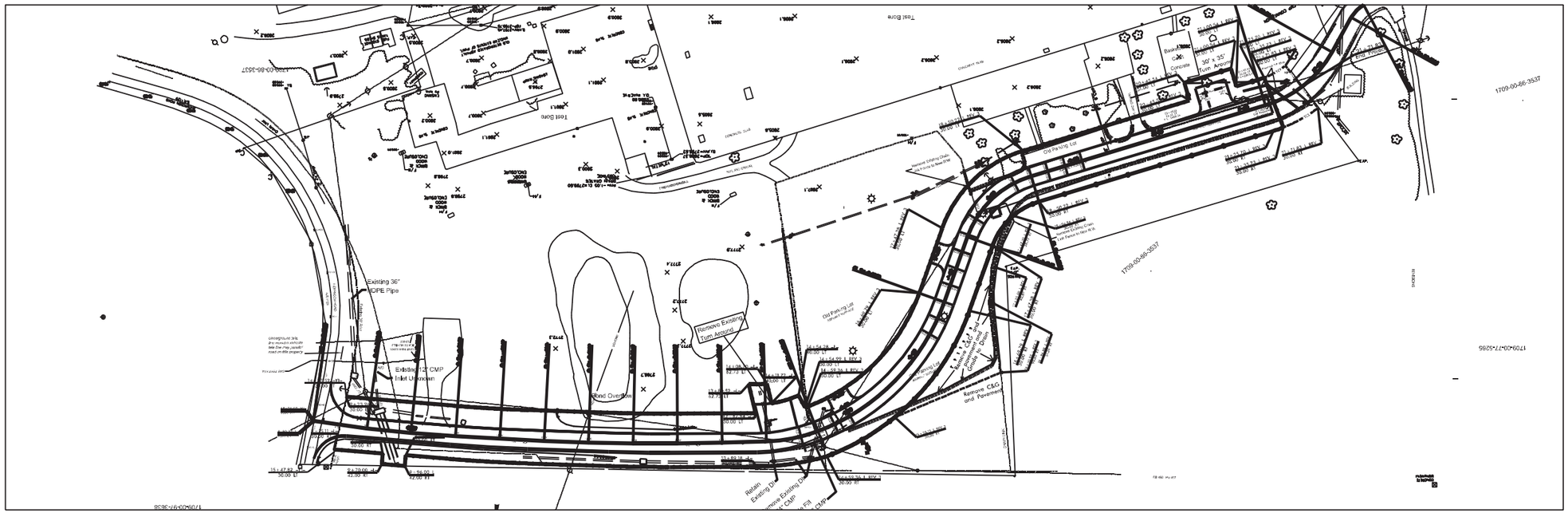
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

MITCHELL COUNTY

LOCATION: *NEW ADDITION OFF SR. 1129, 0.63 MILES NORTH OF SR. 1128*
PROPERTY OF MITCHELL COUNTY DEVELOPMENT FOUNDATION
TYPE OF WORK: *GRADING, DRAINAGE AND PAVING*

TYPE OF WORK: *GRADING, PAVING, DRAINAGE, STRUCTURE*



EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1605.01	Temporary Silt Fence	
1633.01	Temporary Rock Silt Check Type A	
1632.03	Inlet Protection Type C	
	Wattle	

GRAPHIC SCALE

0
PLANS
0
PROFILE (HORIZONTAL)
0
PROFILE (VERTICAL)

Prepared in the Office of:

DIVISION 13, DISTRICT 1
3931 NC226S
Marion, NC 28752

2012 STANDARD SPECIFICATIONS

Designed by:

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 2012 and the latest revison 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 B
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 B
1630.01	Riser Basin	1634.01	Temporary Rock Sediment Dam Type A
1630.02	Silt Basin Type B	1634.02	Temporary Rock Sediment Dam Type B
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 B
1630.05	Temporary Diversion	1640.01	Coir Fiber Baffle
1630.06	Special Stilling Basin	1645.01	Temporary Stream Crossing
1631.01	Matting Installation		

PROJECT REFERENCE NO.	SHEET NO.
R5528A	EC-4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

1

Mitchell County Development Foundation, INC,
North Carolina Nonprofit Corporation
DB 547 PG 513-514

Existing 36"
HDPE Pipe

HENREDON ROAD
S.R.1129

Existing 30' RW

Underground tele. line markers indicate tele line may parallel road on this property

GAS TEST STA.

Existing 12" CMP
Inlet Unknown

Inlet Protection
Type C

Remove Existing
24" HDPE Pipe
(Install 36" CMP)

14+87.52 -Y1-
30.00 LT

15+21.97 -Y1-
0.00 RT

8+89.37 -L-
0.00 LT

9+23.93 -L-
30.00 RT

9+75.11 -L-
30.00 RT

9+70.00 -L-
30.00 RT

9+96.00 -L-
30.00 RT

15+47.82 -Y1-
30.00 LT

9+70.00 -L-
42.00 RT

9+96.00 L
42.00 RT

18"CMP

ROW OF HEMLOCKS

Pond Overflow

ANCHOR

Remove Existing
Turn Around

14+08.70
62.73 LT

13+80.52 -L-
62.73 LT

13+87.94
30.00 LT

13+89.18
30.00 RT

13+80.90

DB 449 PG 590
BIDDIX TERRY BRUCE & VALERIE
1709-00-97-0698

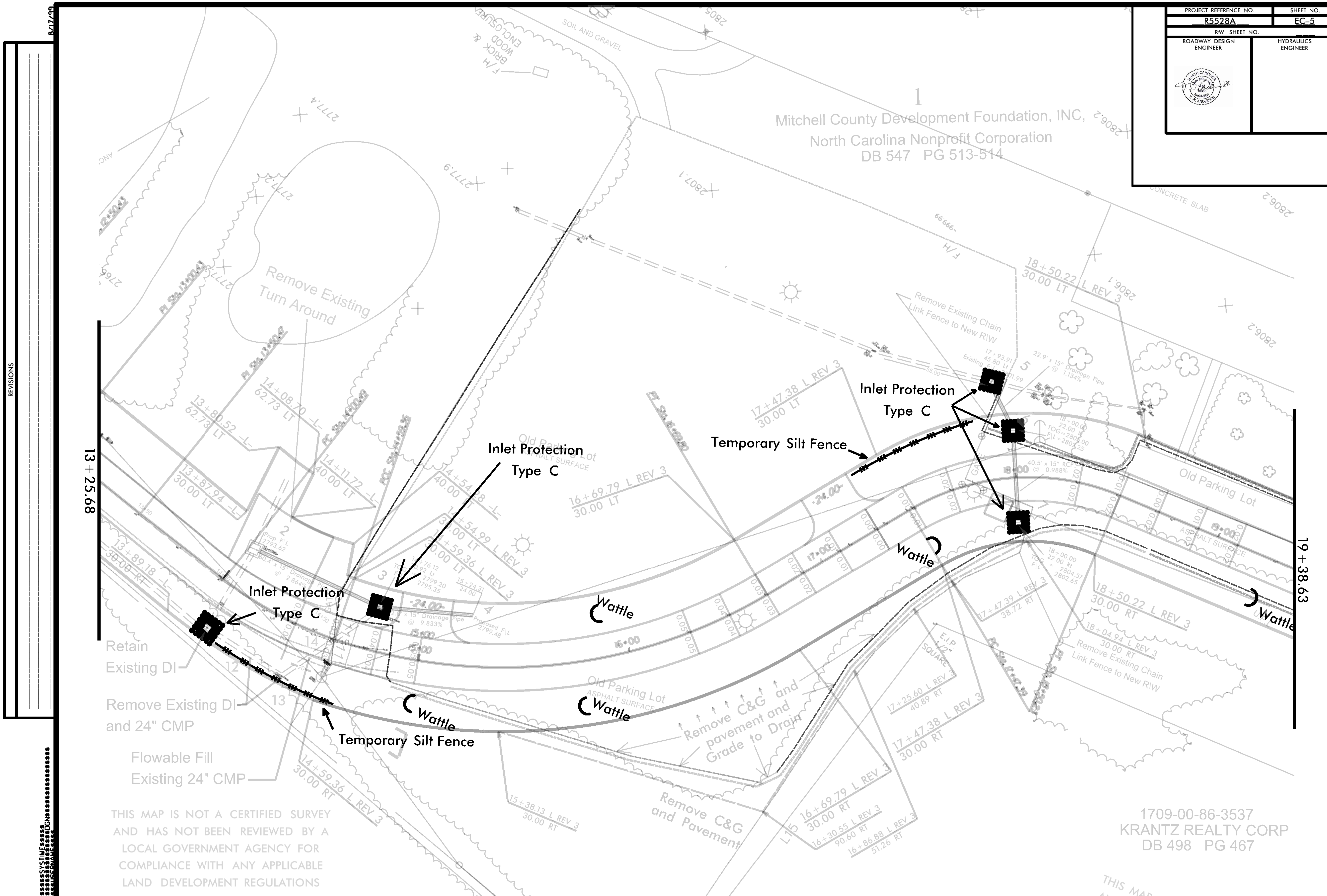
DB 295 PG 389
HARKEY RAY ETAL
1709-00-87-8712

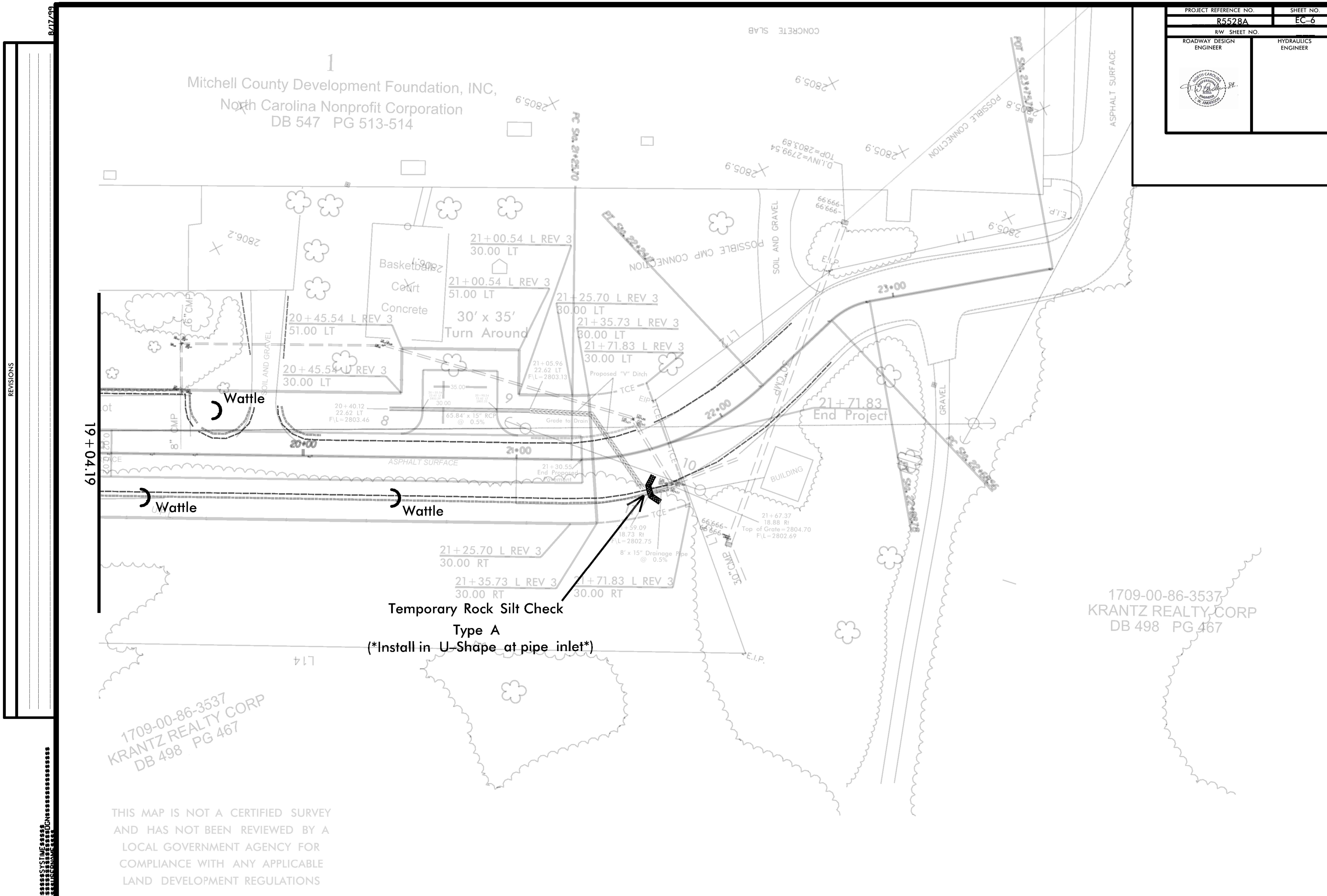
NAD 83

THIS MAP IS NOT A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS

REVISIONS

8/17/99


PROJECT REFERENCE NO.
R5528A
SHEET NO.
EC-5
R/W SHEET NO.
ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 30866 ENGINEER T. W. ANDERSON
1
Mitchell County Development Foundation, INC,
North Carolina Nonprofit Corporation
DB 547 PG 513-514
Remove Existing Turn Around
SOIL AND GRAVEL
F/H BRICK & WOOD ENCLOSURE
CONCRETE SLAB
Remove Existing Chain Link Fence to New R/W
Inlet Protection Type C
Temporary Silt Fence
Wattle
Old Parking Lot
ASPHALT SURFACE
Retain Existing DI
Remove Existing DI and 24" CMP
Flowable Fill Existing 24" CMP
Remove C&G and pavement and Grade to Drain
Remove C&G and Pavement
13+25.68
19+38.63
13+80.52 -L- 62.73 LT
14+08.70 -L- 62.73 LT
13+87.94 -L- 30.00 LT
14+11.72 -L- 40.00 LT
14+54.28 -L- 40.00 LT
14+54.99 L REV 3 30.00 LT
14+59.36 L REV 3 30.00 LT
13+89.18 -L- 30.00 RT
14+59.36 L REV 3 30.00 RT
15+38.13 L REV 3 30.00 RT
16+69.79 L REV 3 30.00 LT
16+69.79 L REV 3 30.00 RT
16+30.55 L REV 3 90.60 RT
16+86.88 L REV 3 51.26 RT
17+47.38 L REV 3 30.00 LT
17+47.38 L REV 3 30.00 RT
17+25.60 L REV 3 40.89 RT
17+47.39 L REV 3 38.72 RT
18+50.22 L REV 3 30.00 LT
18+50.22 L REV 3 30.00 RT
18+04.94 L REV 3 30.00 RT
22.9' x 15" Drainage Pipe @ 1.134%
40.5' x 15" RCP @ 0.988%
60.4' x 15" Drainage Pipe @ 2.864%
Prop F\L 2793.62
Proposed F\L 2799.48
E.I.P. 1/2" SQUARE
1709-00-86-3537
KRANTZ REALTY CORP
DB 498 PG 467
THIS MAP IS NOT A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS
REVISIONS
8/17/99


PROJECT REFERENCE NO.
R5528A
SHEET NO.
EC-6
R/W SHEET NO.
ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 30866 ENGINEER T. W. ANDERSON
8/17/99
REVISIONS
1
Mitchell County Development Foundation, INC,
North Carolina Nonprofit Corporation
DB 547 PG 513-514
CONCRETE SLAB
2805.9
2806.2
2805.8
PC Sta. 21+25.70
PT Sta. 22+24.17
POT Sta. 23+75.70
TOP=2803.89
D.I.INV=2799.54
POSSIBLE CONNECTION
POSSIBLE CMP CONNECTION
SOIL AND GRAVEL
ASPHALT SURFACE
E.I.P.
L11
L12
L14
Basketball Court Concrete
21+00.54 L REV 3
30.00 LT
21+00.54 L REV 3
51.00 LT
30' x 35'
Turn Around
20+45.54 L REV 3
51.00 LT
20+45.54 L REV 3
30.00 LT
21+25.70 L REV 3
30.00 LT
21+35.73 L REV 3
30.00 LT
21+71.83 L REV 3
30.00 LT
Proposed "V" Ditch
TCE
EIP
30" CMP
6" CMP
8" CMP
21+05.96
22.62 LT
F\L=2803.13
20+40.12
22.62 LT
F\L=2803.46
65.84' x 15" RCP @ 0.5%
Grade to Drain
Wattle
19+04.19
20+00
21+00
22+00
23+00
21+71.83
End Project
GRAVEL
21+30.55
End Proposed Pavement
BUILDING
21+67.37
18.88 Rt
Top of Grate=2804.70
F\L=2802.69
21+59.09
18.73 Rt
F\L=2802.75
8' x 15" Drainage Pipe @ 0.5%
Wattle
Wattle
21+25.70 L REV 3
30.00 RT
21+35.73 L REV 3
30.00 RT
21+71.83 L REV 3
30.00 RT
PC Sta. 22+68.56
PT Sta. 22+68.72
Temporary Rock Silt Check
Type A
(*Install in U-Shape at pipe inlet*)
1709-00-86-3537
KRANTZ REALTY CORP
DB 498 PG 467
1709-00-86-3537
KRANTZ REALTY CORP
DB 498 PG 467
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COMPLIANCE WITH ANY APPLICABLE
LAND DEVELOPMENT REGULATIONS
$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$$