COUNTY: ASHE

TIP PROJECT: TBA

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

ASHE COUNTY

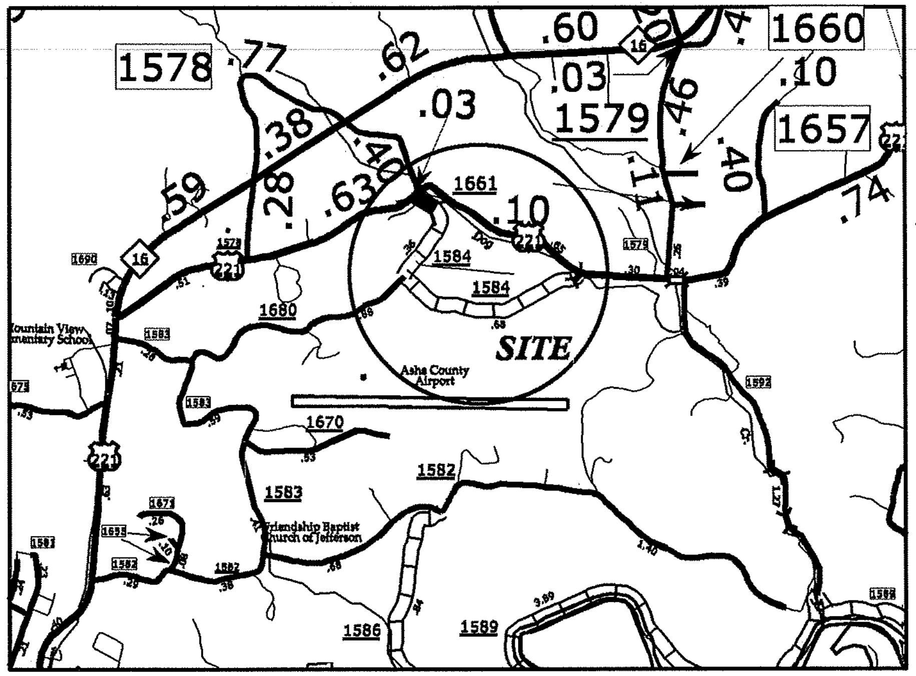
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	SR 1584	1	11

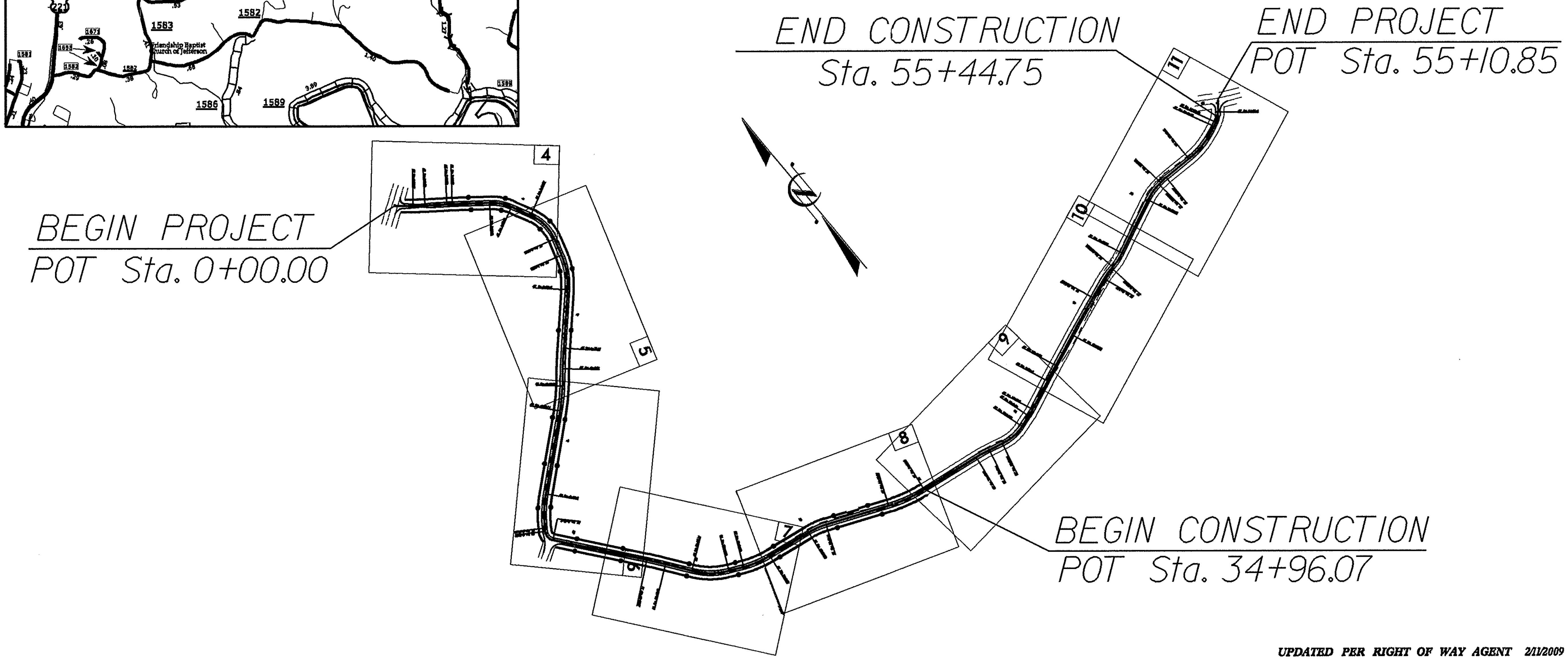
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
11C.005035		RIGHT OF WAY
11C.005124		CONSTRUCTION

LOCATION: SR 1584 (ROY GOODMAN. ROAD) FROM THE INTERSECTION OF US 221 1.04 MILES EAST TO THE INTERSECTION OF US 221.

TYPE OF WORK: GRADE, DRAIN, BASE, PAVE, AND EROSION CONTROL

VICINITY MAP





UPDATED PER RIGHT OF WAY AGENT 2/11/2009

GRAPHIC SCALES

25 0 25 50
PLANS

PROFILE (HORIZONTAL)

PROFILE (VERTICAL)

DESIGN DATA

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

PROJECT LENGTH

PROJECT LENGTH ____ 1.04 MILE
CONSTRUCTION LENGTH ____ 0.38 MILE

Prepared In the Office of:
DIVISION OF HIGHWAYS
DIVISION 11, DISTRICT 3, N. WILKESBORRO
709 STATESVILLE RD. NORTH WILKESBORO NC 28659

2006 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: TBA

LETTING DATE: TBA

MICHAEL A. PETTYJOHN, PE
DIVISION ENGINEER

DOUG J. TETZLAFF
DISTRICT ENGINEER

DRAWN BY: A. L. ADAMS

FEILD WORK: T. D. HAMILTON, A. L. ADAMS

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

09/08/99

13-MAR-2012 13:27
R:\New_Rdy_Post_02132012\Ashe\SR 1584-Roy Goodman\sr1584_topo_district3_1206006.dgn
aladams AT DIICAD-251323

3/15/06

PROJECT REFERENCE NO.	SHEET NO.
SR 1584	2

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 — EPM
- 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

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
- Swamp Marsh
- 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
- 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 — (A)
- Proposed Control of Access — (A)
- Existing Easement Line — E
- Proposed Temporary Construction Easement — E
- Proposed Temporary Drainage Easement — TDE
- Proposed Permanent Drainage Easement — PDE
- Proposed Permanent Utility Easement — PUE

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
- Proposed Wheel Chair Ramp Curb Cut — WCC
- Curb Cut for Future Wheel Chair Ramp — CCFR
- Existing Metal Guardrail
- Proposed Guardrail
- Existing Cable Guiderail
- Proposed Cable Guiderail
- Equality Symbol
- Pavement Removal

VEGETATION:

- Single Tree
- Single Shrub
- Hedge
- Woods Line
- Orchard
- Vineyard — 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 — HH
- 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 — T
- Telephone Cell Tower
- U/G Telephone Cable Hand Hole — HH
- 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 — T FO
- Designated U/G Fiber Optics Cable (S.U.E.*) — T FO

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 — C
- TV Tower
- U/G TV Cable Hand Hole — HH
- Recorded U/G TV Cable — TV
- Designated U/G TV Cable (S.U.E.*) — TV
- Recorded U/G Fiber Optic Cable — TV FO
- Designated U/G Fiber Optic Cable (S.U.E.*) — TV FO

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:

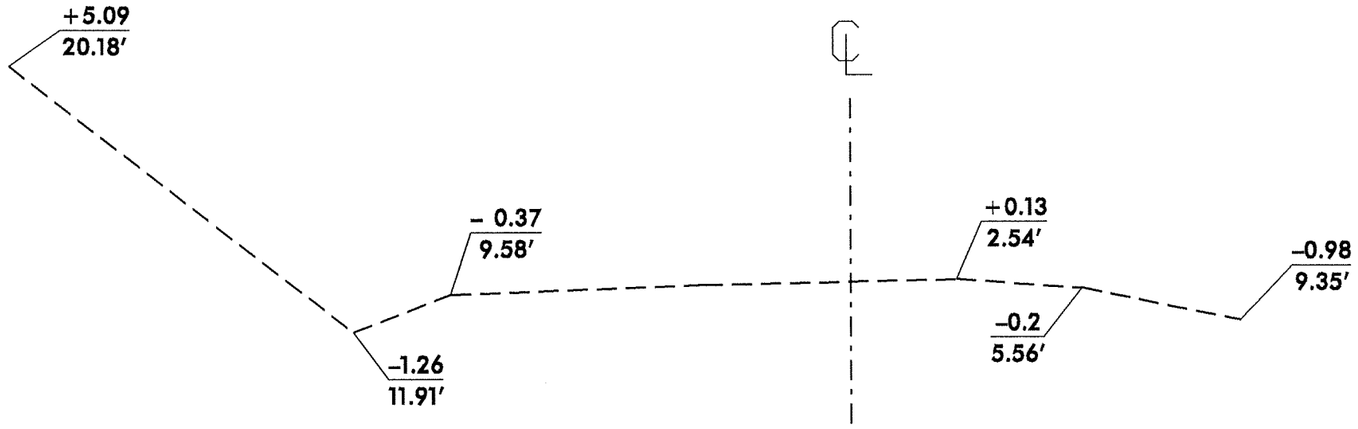
- Sanitary Sewer Manhole
- Sanitary Sewer Cleanout
- U/G Sanitary Sewer Line — SS
- Above Ground Sanitary Sewer — A/G Sanitary Sewer
- Recorded SS Forced Main Line — FSS
- Designated SS Forced Main Line (S.U.E.*) — FSS

MISCELLANEOUS:

- Utility Pole
- Utility Pole with Base
- Utility Located Object
- Utility Traffic Signal Box — S
- Utility Unknown U/G Line — PUTL
- 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.

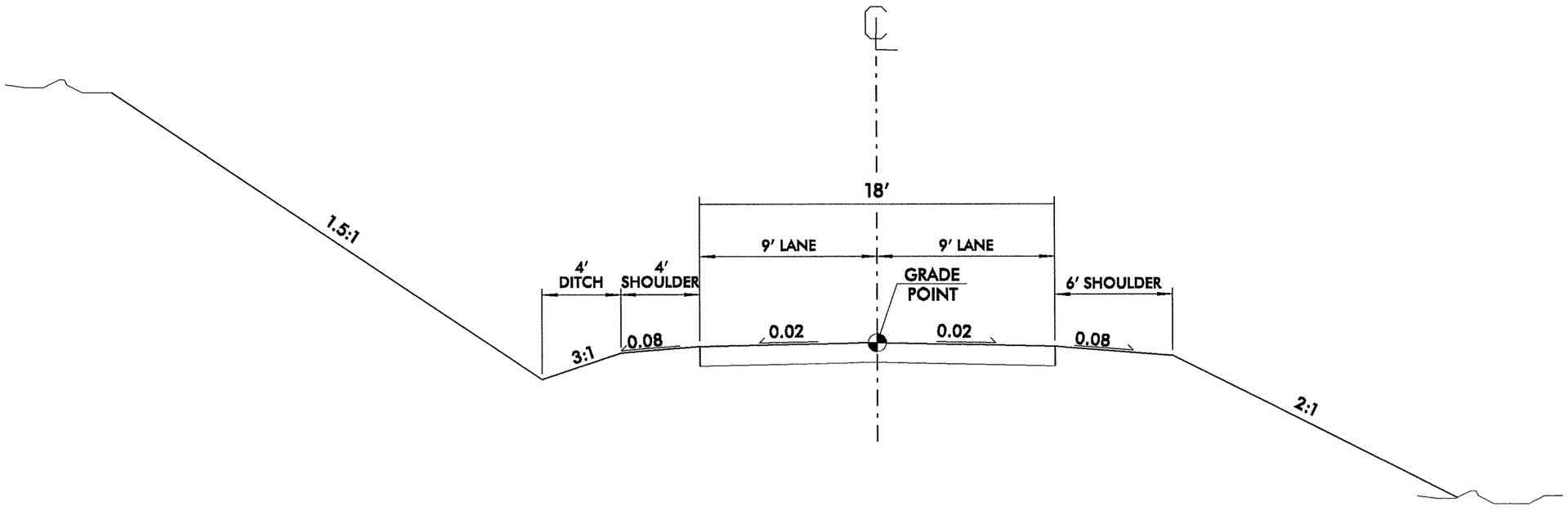
PROJECT REFERENCE NO.	SHEET NO.
SR1584	3
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

EXISTING TYPICAL



NOT TO SCALE

PROPOSED TYPICAL



NOT TO SCALE

REVISIONS

8/17/99

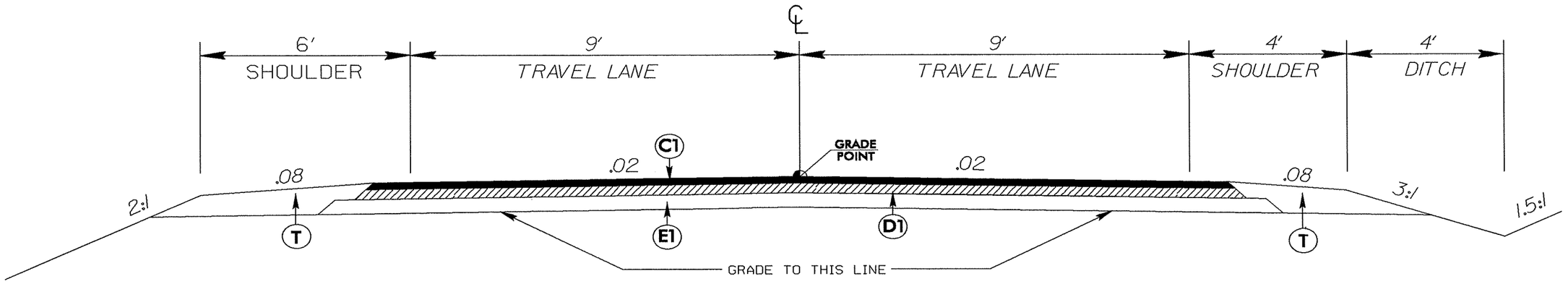
13-MAR-2012 12:11
R:\New_Rdy_Post_02132012\Ashe\SR 1584-Roy Goodman\sr1584_topo_district3_1206006.dgn

PAVEMENT SCHEDULE

SR 1584 ROY GOODMAN ROAD	
COUNTY: ASHE	
PROJECT(WBS):	11C.005035 (R/W)
	11C.005124 (CONST)

PROJECT REFERENCE NO.	SHEET NO.
SR1584	3 A
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTE-CONSTRUCT EXTRA WIDENING IN CURVES AS DIRECTED BY ENGINEER



32' TYPICAL SECTION

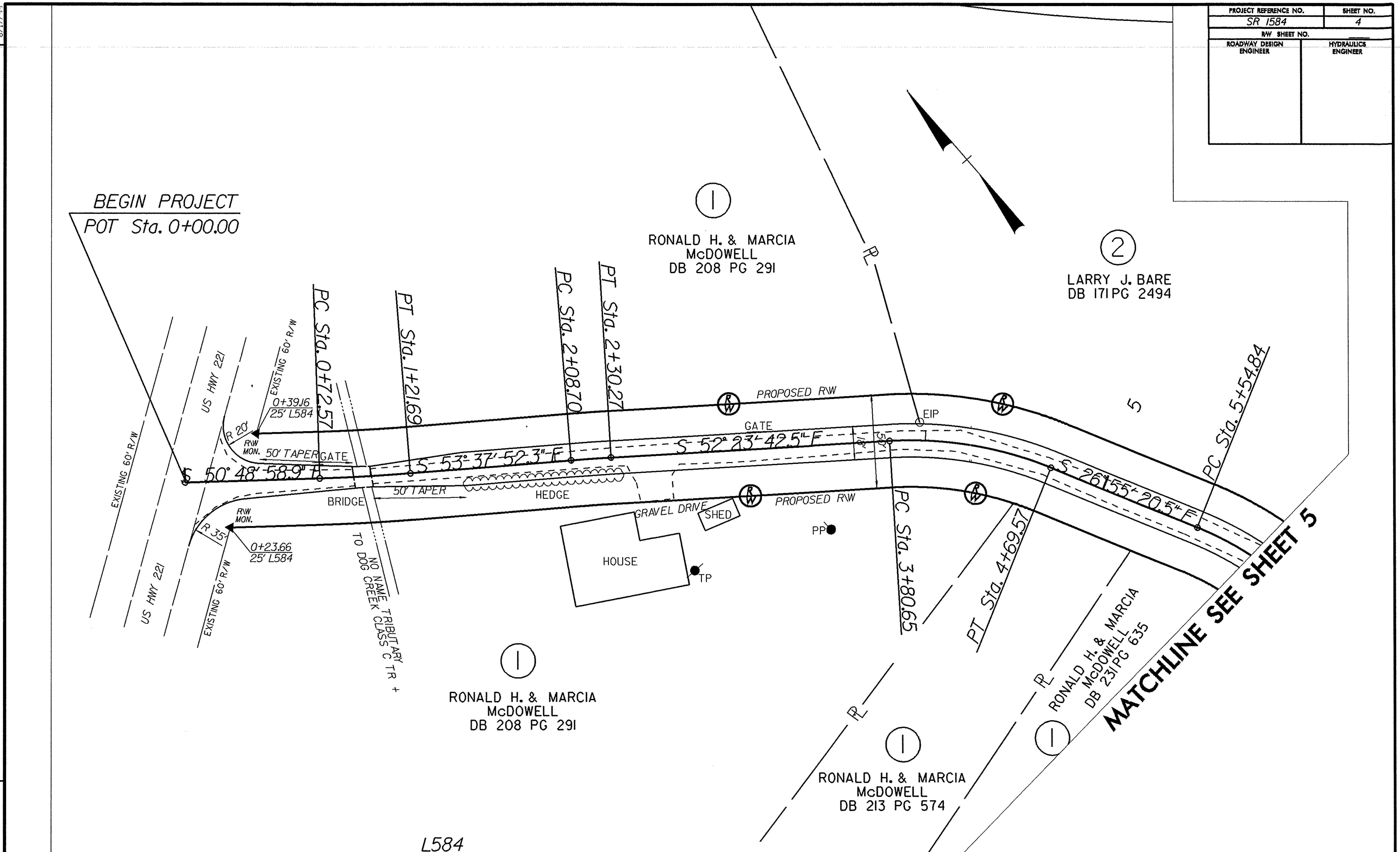
C1	AST TRIPLE SEAL
D1	2.0" ACIC I19.0B
E1	EXISTING 8" ABC
T	EXISITNG SHOULDER MATERIAL

PROJECT REFERENCE NO.	SHEET NO.
SR 1584	4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

REVISIONS

UPDATED PER RIGHT OF WAY AGENT ON 2/11/09

8/17/99



BEGIN PROJECT
POT Sta. 0+00.00
S 50° 48' 58.9" E
S 53° 37' 52.3" E
S 52° 23' 42.5" E
S 26° 55' 20.5" E
PC Sta. 0+72.57
PT Sta. 1+21.69
PC Sta. 2+08.70
PT Sta. 2+30.27
PC Sta. 3+80.65
PT Sta. 4+69.57
PC Sta. 5+54.84
EXISTING 60' R/W
US HWY 221
0+39.16
25' L584
0+23.66
25' L584
R 20'
R 35'
R/W MON.
50' TAPER
GATE
BRIDGE
HEDGE
GRAVEL DRIVE
SHED
HOUSE
TP
PP
EIP
PROPOSED R/W
NO NAME TRIBUTARY TO DOG CREEK CLASS C TR +
RONALD H. & MARCIA McDOWELL DB 208 PG 291
RONALD H. & MARCIA McDOWELL DB 213 PG 574
RONALD H. & MARCIA McDOWELL DB 231 PG 635
LARRY J. BARE DB 171 PG 2494
MATCHLINE SEE SHEET 5

L584

PI Sta 0+97.13	PI Sta 2+19.48	PI Sta 4+25.86	PI Sta 6+26.10
Δ = 2° 48' 53.4" (LT)	Δ = 1° 14' 09.8" (RT)	Δ = 25° 28' 22.0" (RT)	Δ = 43° 11' 54.8" (RT)
D = 5° 43' 46.5"	D = 5° 43' 46.5"	D = 28° 38' 52.4"	D = 31° 49' 51.6"
L = 49.13'	L = 21.57'	L = 88.92'	L = 135.71'
T = 24.57'	T = 10.79'	T = 45.21'	T = 71.26'
R = 1,000.00'	R = 1,000.00'	R = 200.00'	R = 180.00'

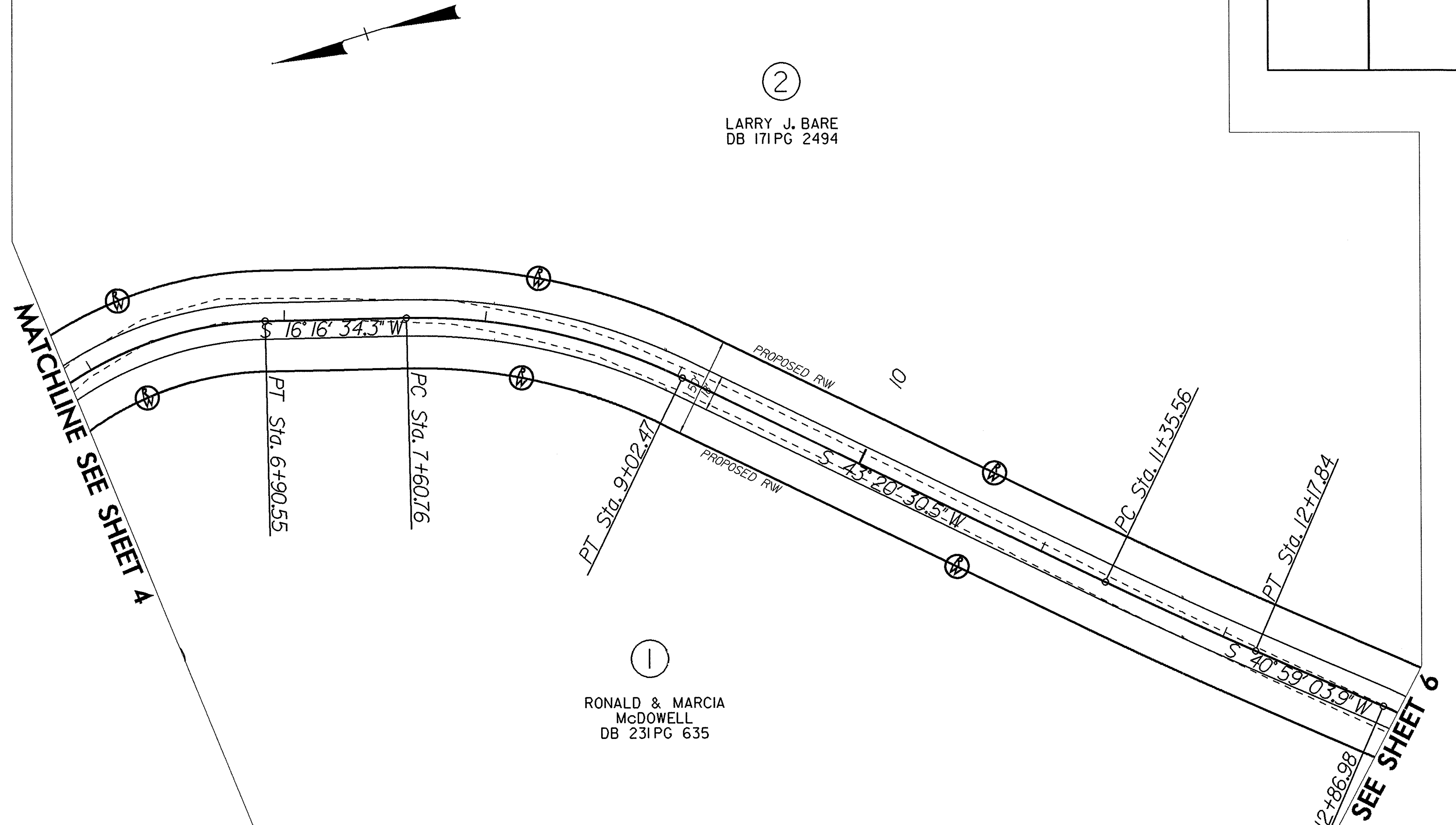
13-MAR-2012 12:49
R:\New_Rdy_Post_0213\2012\Ashe\SR 1584-Roy Goodman\sr1584_topo_district3_1206006.dgn

PROJECT REFERENCE NO.	SHEET NO.
SR 1584	5
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

8/17/99

REVISIONS

UPDATED PER RIGHT OF WAY AGENT ON 2/11/09



L584

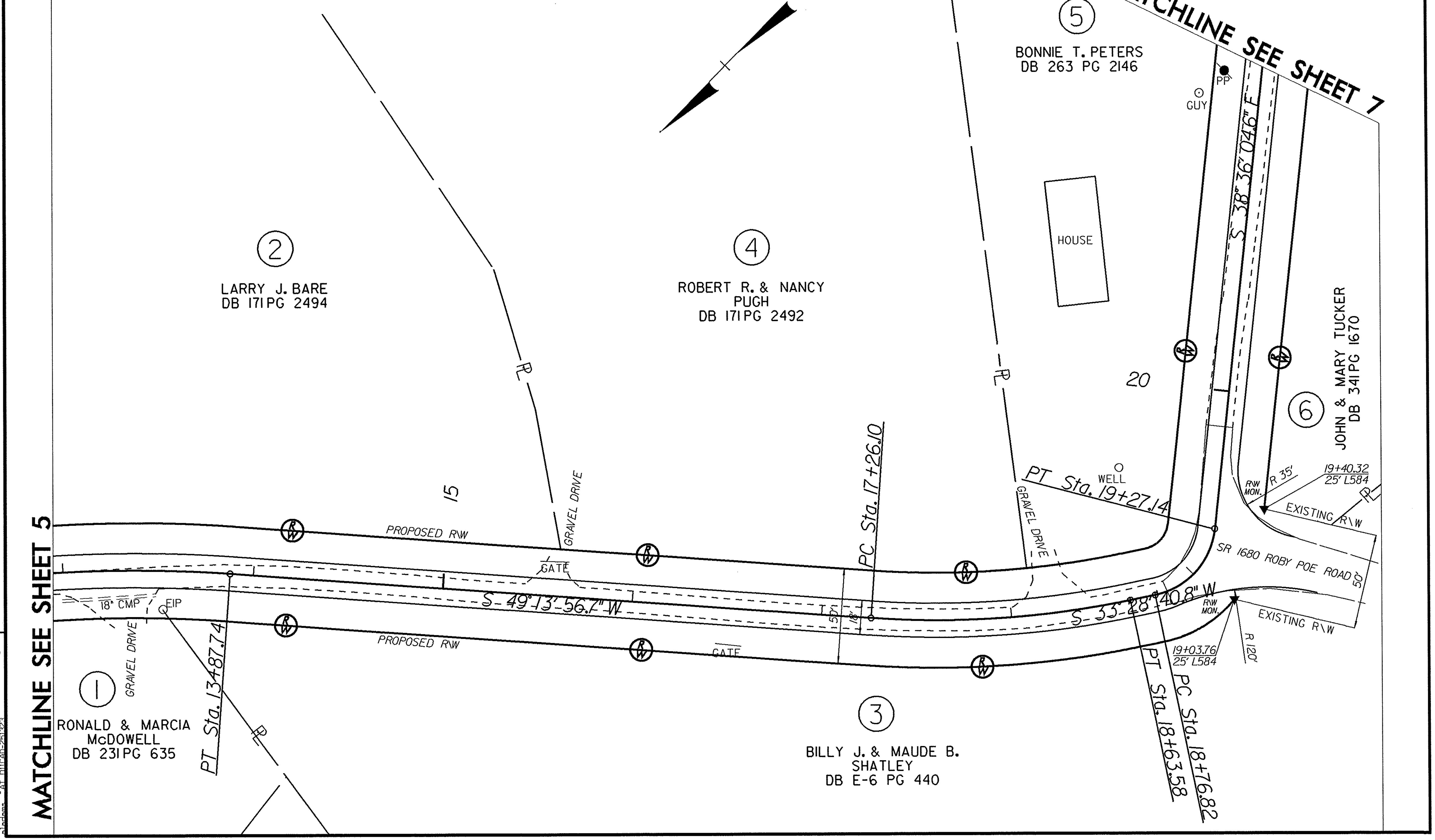
PI Sta 8+32.96	PI Sta 11+76.71
Δ = 27° 03' 56.1" (RT)	Δ = 2° 21' 26.5" (LT)
D = 19° 05' 54.9"	D = 2° 51' 53.2"
L = 141.72'	L = 82.29'
T = 72.21'	T = 41.15'
R = 300.00'	R = 2,000.00'

13-MAR-2012 12:50
R:\New_Rdy_Post_0213201?\Ashe\SR 1584-Roy Goodman\sr1584_topo_district3_1206006.dgn

PROJECT REFERENCE NO.	SHEET NO.
SR 1584	6
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

L584

PI Sta 13+37.45	PI Sta 17+95.28	PI Sta 19+05.92
Δ = 8° 14′ 52.8″ (RT)	Δ = 15° 45′ 16.0″ (LT)	Δ = 72° 04′ 45.4″ (LT)
D = 8° 11′ 06.4″	D = 11° 27′ 33.0″	D = 143° 14′ 22.0″
L = 100.77′	L = 137.48′	L = 50.32′
T = 50.47′	T = 69.18′	T = 29.10′
R = 700.00′	R = 500.00′	R = 40.00′



MATCHLINE SEE SHEET 7
MATCHLINE SEE SHEET 5
5
BONNIE T. PETERS
DB 263 PG 2146
PP
GUY
HOUSE
2
LARRY J. BARE
DB 171 PG 2494
4
ROBERT R. & NANCY
PUGH
DB 171 PG 2492
6
JOHN & MARY TUCKER
DB 341 PG 1670
S 38° 36′ 04.6″ E
20
15
WELL
PT Sta. 19+27.14
PC Sta. 17+26.10
GRAVEL DRIVE
PROPOSED RW
GATE
S 49° 13′ 56.7″ W
S 33° 28′ 40.8″ W
SR 1680 ROBY POE ROAD
RW MON.
R 35′
19+40.32
25′ L584
EXISTING R\W
R 120′
19+03.76
25′ L584
18″ CMP
EIP
PT Sta. 13+87.74
PT Sta. 18+63.58
PC Sta. 18+76.82
1
RONALD & MARCIA
McDOWELL
DB 231 PG 635
3
BILLY J. & MAUDE B.
SHATLEY
DB E-6 PG 440

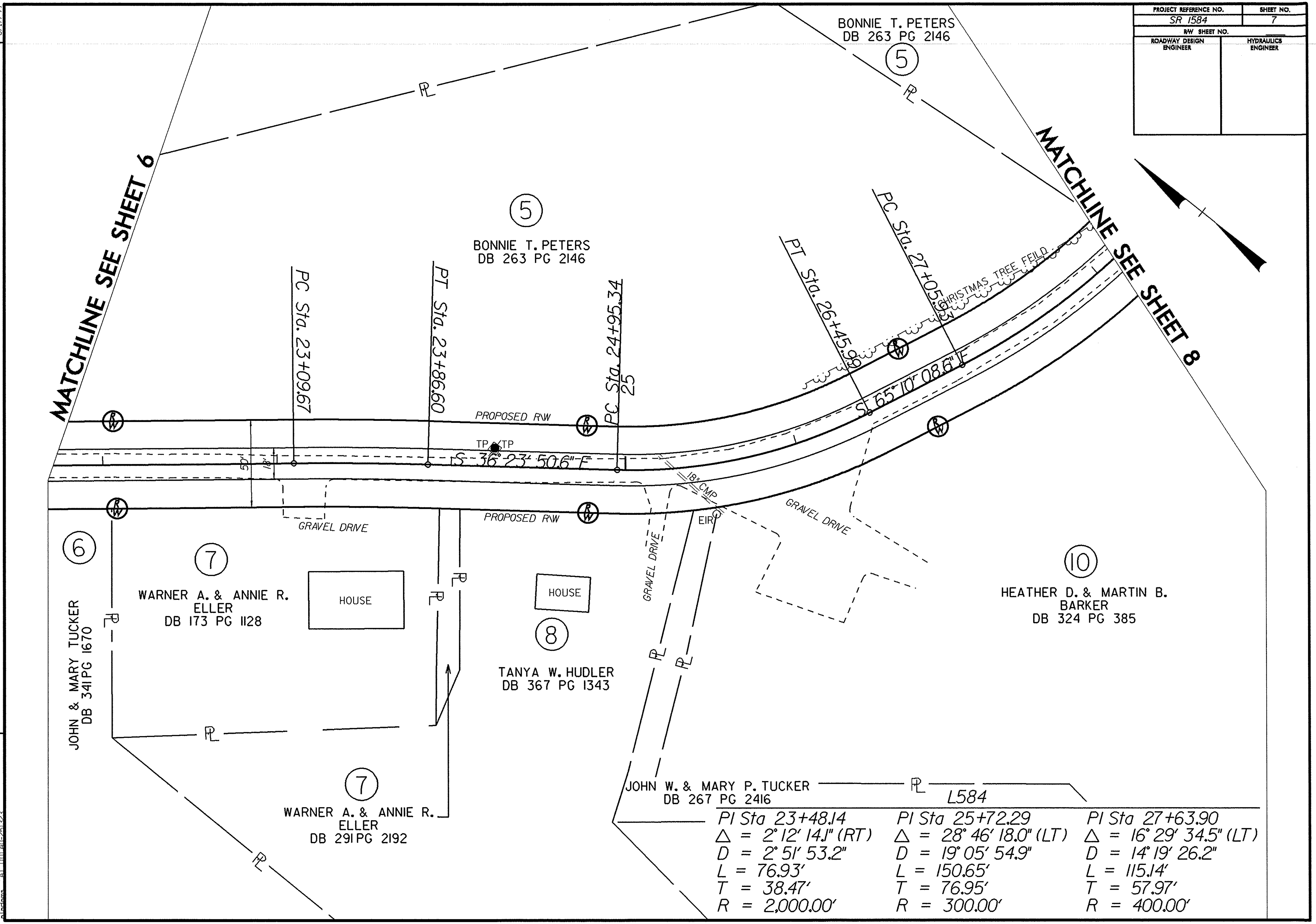
8/17/99

REVISIONS

UPDATED PER RIGHT OF WAY AGENT ON 2/11/09

13-MAR-2012 12:53 [illegible]

PROJECT REFERENCE NO.	SHEET NO.
SR 1584	7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCHLINE SEE SHEET 6
MATCHLINE SEE SHEET 8
BONNIE T. PETERS
DB 263 PG 2146
5
BONNIE T. PETERS
DB 263 PG 2146
PC Sta. 23+09.67
PT Sta. 23+86.60
PC Sta. 24+95.34
25
PT Sta. 26+45.99
PC Sta. 27+05.93
CHRISTMAS TREE FEILD
PROPOSED RW
PROPOSED RW
TP/TP
S 36° 23' 50.6" E
S 65° 10' 08.6" E
50'
18'
18" CMP
EIR
GRAVEL DRIVE
GRAVEL DRIVE
GRAVEL DRIVE
6
JOHN & MARY TUCKER
DB 341 PG 1670
7
WARNER A. & ANNIE R.
ELLER
DB 173 PG 1128
HOUSE
HOUSE
8
TANYA W. HUDLER
DB 367 PG 1343
10
HEATHER D. & MARTIN B.
BARKER
DB 324 PG 385
7
WARNER A. & ANNIE R.
ELLER
DB 291 PG 2192
JOHN W. & MARY P. TUCKER
DB 267 PG 2416
L584

PI Sta 23+48.14	PI Sta 25+72.29	PI Sta 27+63.90
Δ = 2° 12' 14.1" (RT)	Δ = 28° 46' 18.0" (LT)	Δ = 16° 29' 34.5" (LT)
D = 2° 51' 53.2"	D = 19° 05' 54.9"	D = 14° 19' 26.2"
L = 76.93'	L = 150.65'	L = 115.14'
T = 38.47'	T = 76.95'	T = 57.97'
R = 2,000.00'	R = 300.00'	R = 400.00'

REVISIONS

UPDATED PER RIGHT OF WAY AGENT ON 2/11/09

8/17/99

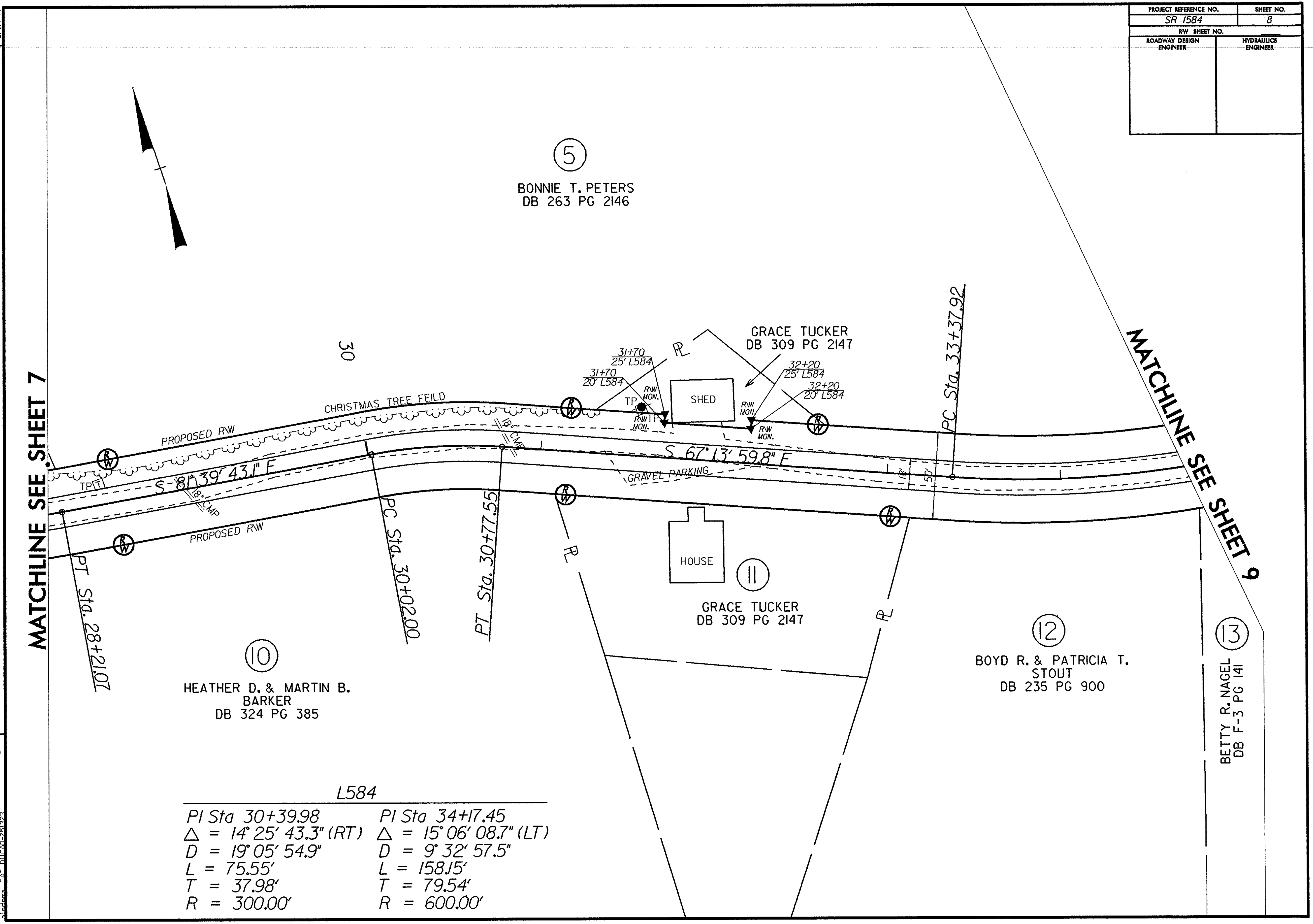
13-MAR-2012 12:56
R:\New_Rdy_Post_02132012\Ashe\SR 1584-Roy Goodman\sr1584_topo_district3_1206006.dgn

PROJECT REFERENCE NO.	SHEET NO.
SR 1584	8
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

8/17/99

REVISIONS

UPDATED PER RIGHT OF WAY AGENT ON 2/11/09



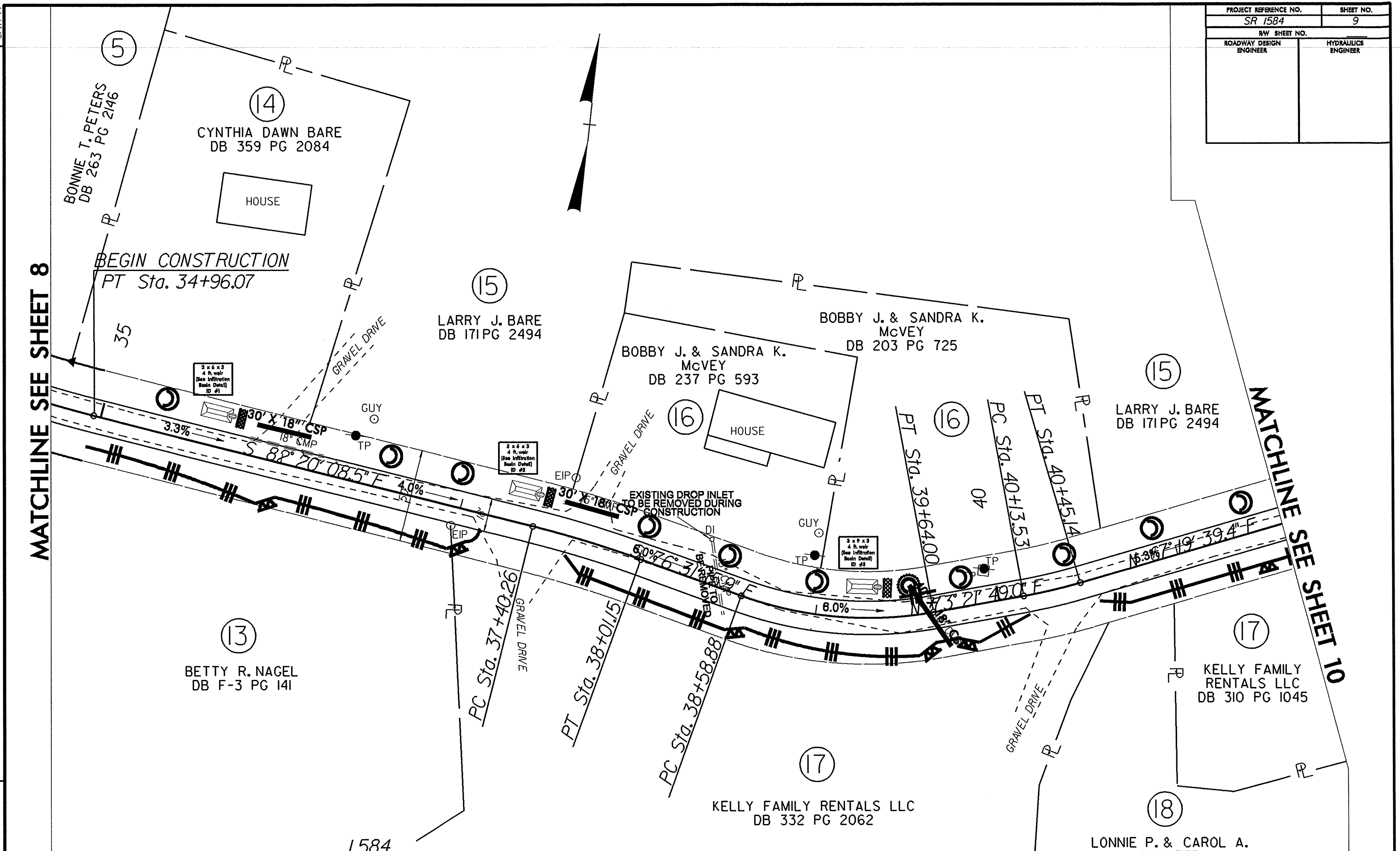
5
BONNIE T. PETERS
DB 263 PG 2146
30
GRACE TUCKER
DB 309 PG 2147
SHED
31+70
25' L584
31+70
20' L584
32+20
25' L584
32+20
20' L584
R/W MON.
TP
CHRISTMAS TREE FEILD
PROPOSED R/W
S 81°39' 43.1" E
S 67°13' 59.8" E
18" CMP
GRAVEL PARKING
PC Sta. 33+37.92
MATCHLINE SEE SHEET 7
MATCHLINE SEE SHEET 9
PT Sta. 28+21.07
PC Sta. 30+02.00
PT Sta. 30+77.55
HOUSE
11
GRACE TUCKER
DB 309 PG 2147
10
HEATHER D. & MARTIN B.
BARKER
DB 324 PG 385
12
BOYD R. & PATRICIA T.
STOUT
DB 235 PG 900
13
BETTY R. NAGEL
DB F-3 PG 141

L584

PI Sta 30+39.98	PI Sta 34+17.45
Δ = 14° 25' 43.3" (RT)	Δ = 15° 06' 08.7" (LT)
D = 19° 05' 54.9"	D = 9° 32' 57.5"
L = 75.55'	L = 158.15'
T = 37.98'	T = 79.54'
R = 300.00'	R = 600.00'

13-MAR-2012 12:57 R:\Row_Rdy_Post_02132012\Ashe\SR 1584-Roy Goodman\sr1584_topo_district3_1206006.dgn

PROJECT REFERENCE NO.	SHEET NO.
SR 1584	9
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCHLINE SEE SHEET 8
MATCHLINE SEE SHEET 10
BEGIN CONSTRUCTION
PT Sta. 34+96.07
BONNIE T. PETERS
DB 263 PG 2146
CYNTHIA DAWN BARE
DB 359 PG 2084
HOUSE
LARRY J. BARE
DB 171 PG 2494
BOBBY J. & SANDRA K.
McVEY
DB 203 PG 725
BOBBY J. & SANDRA K.
McVEY
DB 237 PG 593
EXISTING DROP INLET
TO BE REMOVED DURING
CONSTRUCTION
30' X 18" CSP
18" CMP
S 88° 20' 08.5" E
3.3%
4.0%
6.0%
GRAVEL DRIVE
GUY
TP
EIP
DI
PC Sta. 37+40.26
PT Sta. 38+01.15
PC Sta. 38+58.88
PT Sta. 39+64.00
PC Sta. 40+13.53
PT Sta. 40+45.14
N 73° 21' 49.0" E
N 67° 19' 39.4" E
BETTY R. NAGEL
DB F-3 PG 141
KELLY FAMILY RENTALS LLC
DB 332 PG 2062
KELLY FAMILY
RENTALS LLC
DB 310 PG 1045
LONNIE P. & CAROL A.
COULTER
DB 199 PG 51
L584

PI Sta 37+70.73	PI Sta 39+12.69	PI Sta 40+29.35
Δ = 5° 48' 52.5" (RT)	Δ = 30° 06' 55.1" (LT)	Δ = 6° 02' 09.5" (LT)
D = 9° 32' 57.5"	D = 28° 38' 52.4"	D = 19° 05' 54.9"
L = 60.89'	L = 105.12'	L = 31.60'
T = 30.47'	T = 53.81'	T = 15.82'
R = 600.00'	R = 200.00'	R = 300.00'

REVISIONS

UPDATED PER RIGHT OF WAY AGENT ON 2/11/09

8/17/99

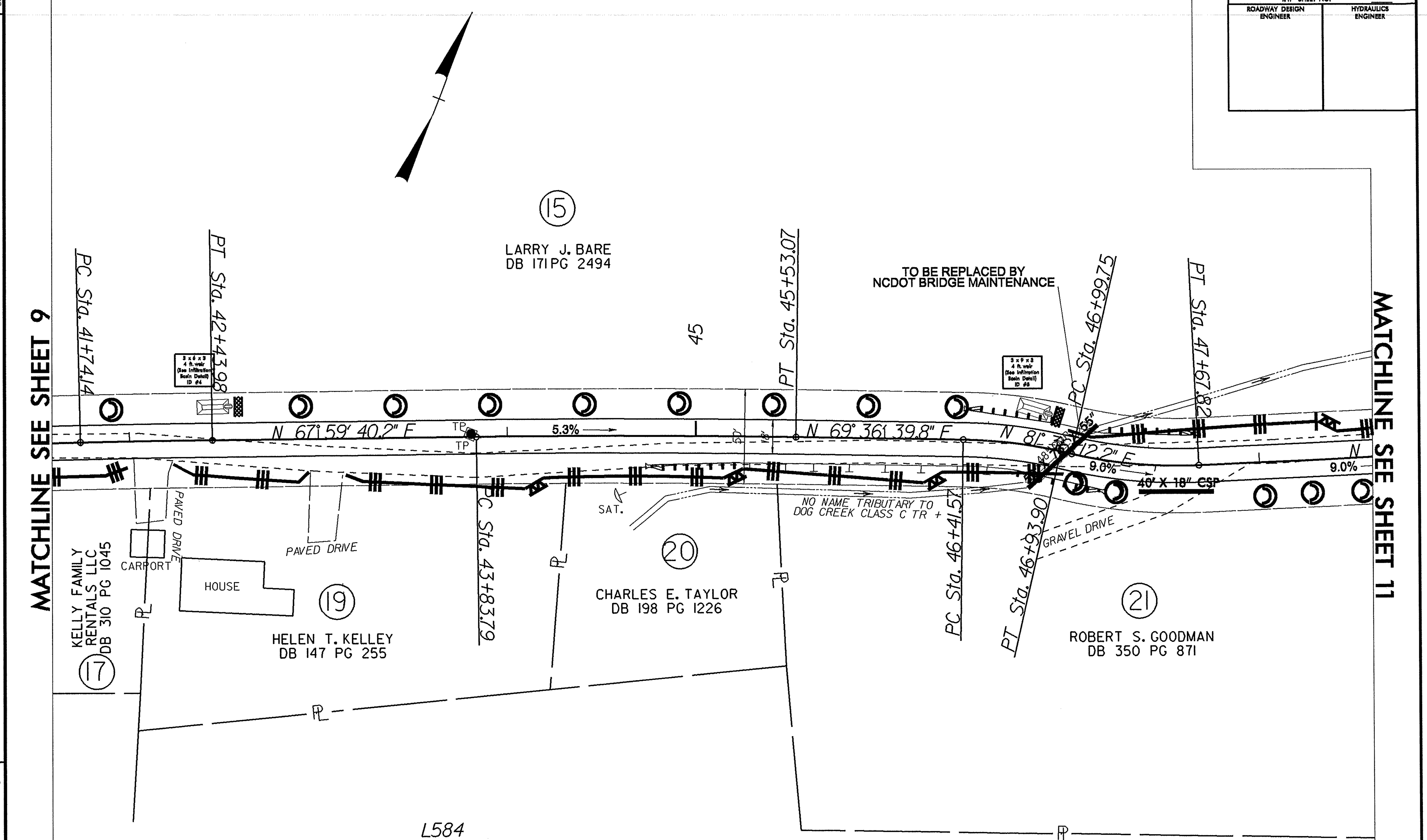
13-MAR-2012 13:19
R:\New_Rdy_Post_02132012\ashe\SR 1584-Roy Goodman\sr1584_topo_district3_1206006.dgn

PROJECT REFERENCE NO.	SHEET NO.
SR 1584	10
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

REVISIONS

UPDATED PER RIGHT OF WAY AGENT ON 2/11/09

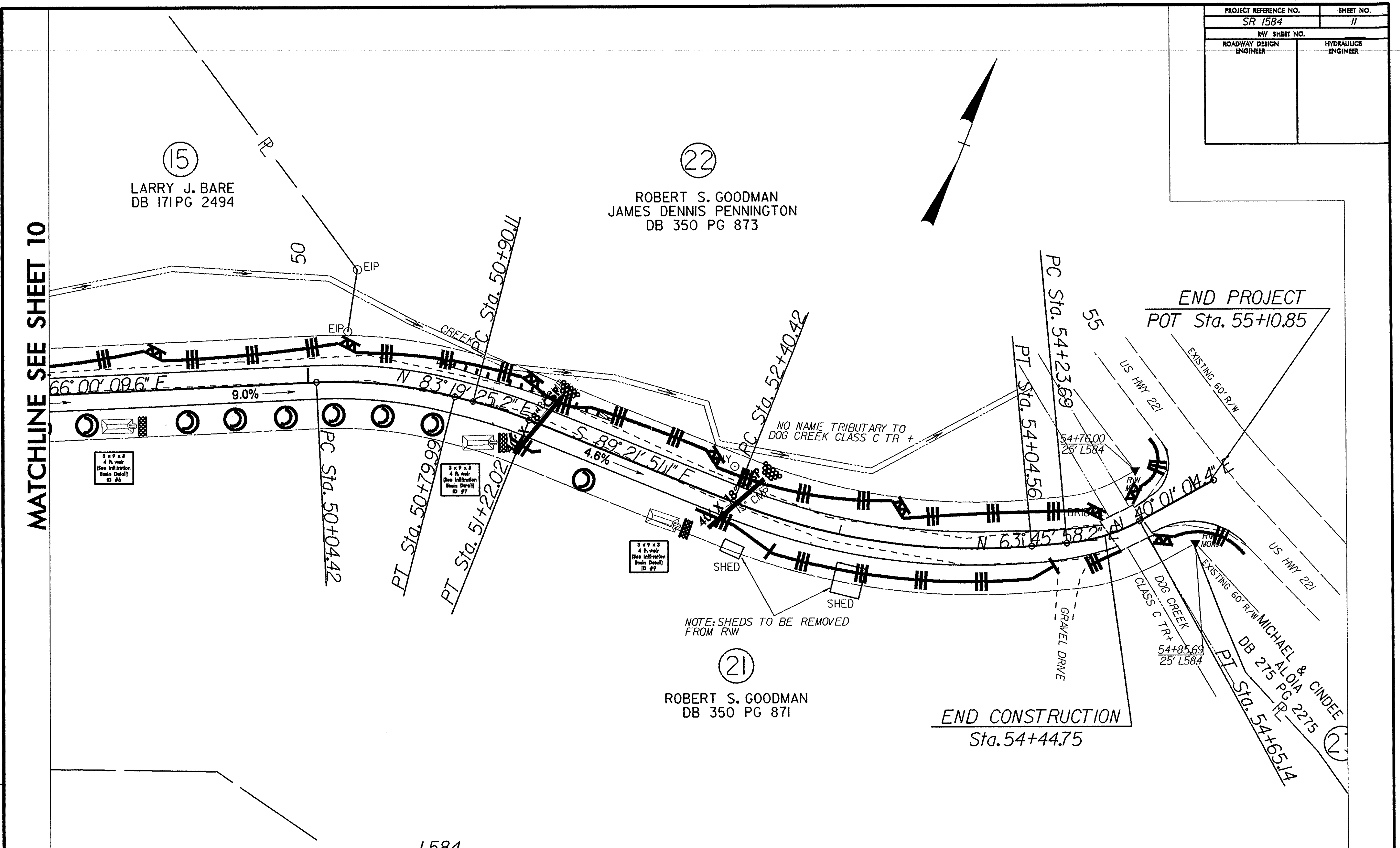
8/17/99



MATCHLINE SEE SHEET 9
MATCHLINE SEE SHEET 11
15
LARRY J. BARE
DB 171 PG 2494
PC Sta. 41+74.14
PT Sta. 42+43.98
PT Sta. 45+53.07
45
TO BE REPLACED BY
NCDOT BRIDGE MAINTENANCE
PC Sta. 46+99.75
PT Sta. 47+67.82
N 67° 59' 40.2" E
5.3%
N 69° 36' 39.8" E
9.0%
9.0%
40' X 18" CSP
TP
TP
SAT.
NO NAME TRIBUTARY TO
DOG CREEK CLASS C TR +
GRAVEL DRIVE
PAVED DRIVE
PAVED DRIVE
CARPORT
HOUSE
KELLY FAMILY
RENTALS LLC
DB 310 PG 1045
17
19
HELEN T. KELLEY
DB 147 PG 255
PC Sta. 43+83.79
20
CHARLES E. TAYLOR
DB 198 PG 1226
PC Sta. 46+41.57
PT Sta. 46+93.90
21
ROBERT S. GOODMAN
DB 350 PG 871
L584

PI Sta 42+09.06	PI Sta 44+68.43	PI Sta 46+67.83	PI Sta 47+34.00
Δ = 0° 40' 00.7" (RT)	Δ = 1° 36' 59.6" (RT)	Δ = 11° 59' 32.4" (RT)	Δ = 15° 36' 02.6" (LT)
D = 0° 57' 17.7"	D = 0° 57' 17.7"	D = 22° 55' 05.9"	D = 22° 55' 05.9"
L = 69.83'	L = 169.29'	L = 52.33'	L = 68.07'
T = 34.92'	T = 84.65'	T = 26.26'	T = 34.25'
R = 6,000.00'	R = 6,000.00'	R = 250.00'	R = 250.00'

PROJECT REFERENCE NO.	SHEET NO.
SR 1584	11
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCHLINE SEE SHEET 10
15
LARRY J. BARE
DB 171 PG 2494
22
ROBERT S. GOODMAN
JAMES DENNIS PENNINGTON
DB 350 PG 873
21
ROBERT S. GOODMAN
DB 350 PG 871
MICHAEL & CINDEE ALOIA
DB 275 PG 2275
EIP
EIP
CREEK
50
55
9.0%
4.6%
66° 00′ 09.6″ E
N 83° 19′ 25.2″ E
S 89° 21′ 51.1″ E
N 63° 45′ 58.2″ E
N 40° 01′ 01.4″ E
PC Sta. 50+04.42
PT Sta. 50+79.99
PC Sta. 50+90.11
PT Sta. 51+22.02
PC Sta. 52+40.42
PT Sta. 54+04.56
PC Sta. 54+23.69
PT Sta. 54+65.14
54+76.00
25′ L584
54+85.69
25′ L584
NO NAME TRIBUTARY TO
DOG CREEK CLASS C TR +
DOG CREEK
CLASS C TR+
3 x 9 x 3
4 ft. weir
(See Infiltration Basin Detail)
ID #6
3 x 9 x 3
4 ft. weir
(See Infiltration Basin Detail)
ID #7
3 x 9 x 3
4 ft. weir
(See Infiltration Basin Detail)
ID #9
SHED
SHED
NOTE: SHEDS TO BE REMOVED FROM R/W
GRAVEL DRIVE
US HWY 221
US HWY 221
EXISTING 60′ R/W
EXISTING 60′ R/W
END PROJECT
POT Sta. 55+10.85
END CONSTRUCTION
Sta. 54+44.75
L584

L584			
PI Sta 50+42.49	PI Sta 51+06.09	PI Sta 53+24.03	PI Sta 54+44.71
Δ = 17° 19′ 15.6″ (RT)	Δ = 7° 18′ 43.7″ (RT)	Δ = 26° 52′ 10.7″ (LT)	Δ = 23° 44′ 53.8″ (LT)
D = 22° 55′ 05.9″	D = 22° 55′ 05.9″	D = 16° 22′ 12.8″	D = 57° 17′ 44.8″
L = 75.58′	L = 31.91′	L = 164.14′	L = 41.45′
T = 38.08′	T = 15.97′	T = 83.61′	T = 21.03′
R = 250.00′	R = 250.00′	R = 350.00′	R = 100.00′

REVISIONS

UPDATED PER RIGHT OF WAY AGENT

8/17/99