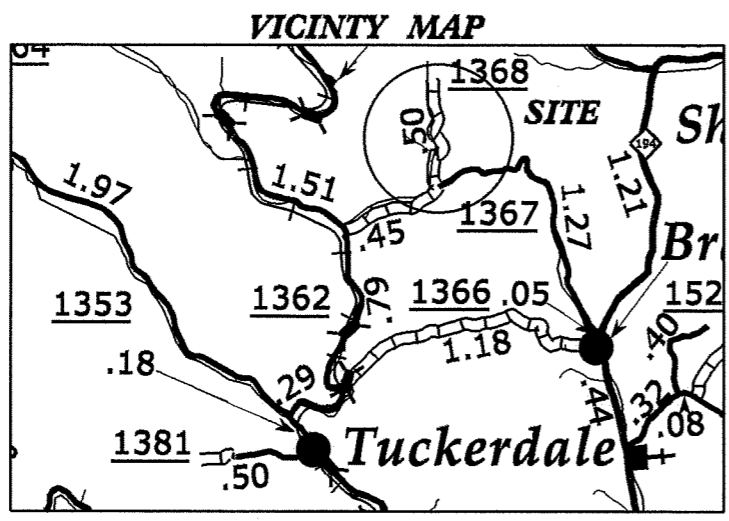


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CONTRACT: NA **TIP PROJECT: NA**

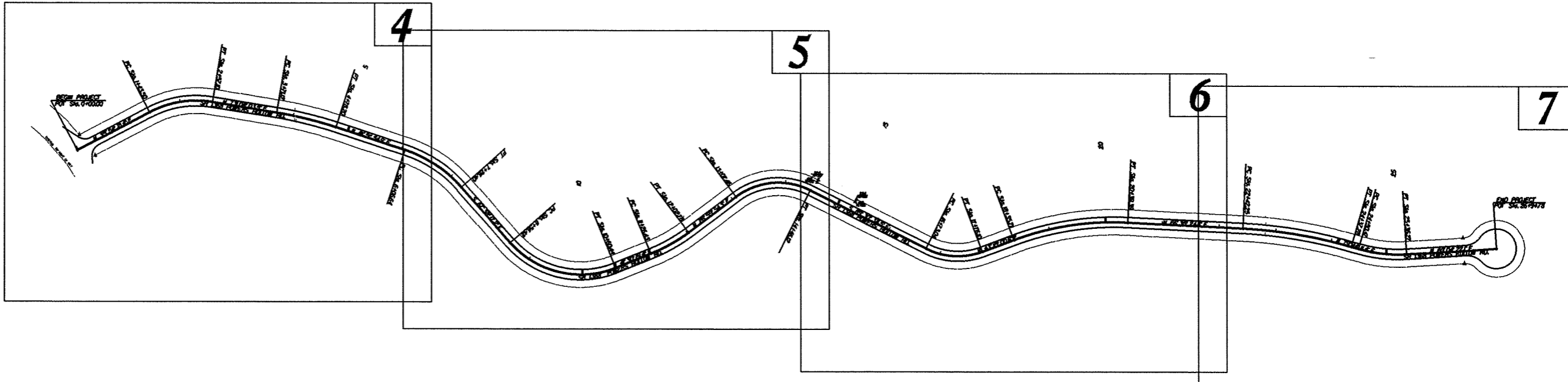


STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

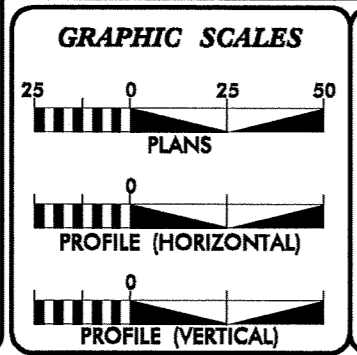
ASHE COUNTY

LOCATION: FROM THE INTERSECTION OF SR 1368 (POWERS HOLLOW RD.) AND SR 1367 (BEE TREE RD.) WITH A BEGINNING STATION OF 0+00 AND CONTINUING NORTH 0.51 MILE TO STATION 26+94.78.
TYPE OF WORK: GRADE, DRAIN, BASE AND PAVE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	SR 1368	1	7
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
11C.005035		SURVEY/RW	
11C.005126		CONSTRUCTION	
REVISED E.O.P 7-7-08			
UPDATED PROPERTY INFO PER RW AGENT 7-29-08			



SR 1368 POWERS HOLLOW RD.



DESIGN DATA

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

PROJECT LENGTH

PROJECT LENGTH	0.51 MILE
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Prepared In the Office of:

DIVISION OF HIGHWAYS
 1000 Birch Ridge Dr., Raleigh NC, 27610

2006 STANDARD SPECIFICATIONS

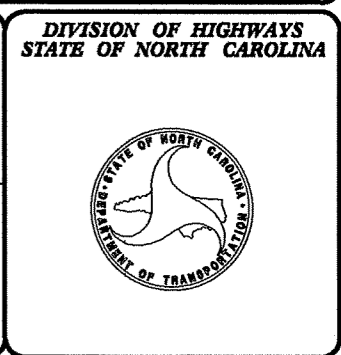
RIGHT OF WAY DATE:	MICHAEL A. PETTYJOHN, P.E. DIVISION ENGINEER
LETTING DATE:	DOUG J. TETZALFF DISTRICT ENGINEER

DRAWN BY:

A.L. ADAMS

FIELD WORK BY:

TIM HAMILTON
MATT GUENTHER



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	○
Property Corner	⊗
Property Monument	□
Parcel/Sequence Number	②③
Existing Fence Line	× × ×
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	○
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	MLB
Proposed Lateral, Tail, Head Ditch	▬
False Sump	▽

RAILROADS:

Standard Gauge	-----
RR Signal Milepost	○
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	⊗
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 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
Existing Metal Guardrail	-----
Proposed Guardrail	-----
Existing Cable Guiderail	-----
Proposed Cable Guiderail	-----
Equality Symbol	⊕
Pavement Removal	XXXX

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	⊕
Storm Sewer	S

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	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	⊕
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	T FO
Designated U/G Fiber Optics Cable (S.U.E.*)	T FO

WATER:

Water Manhole	⊕
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	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:

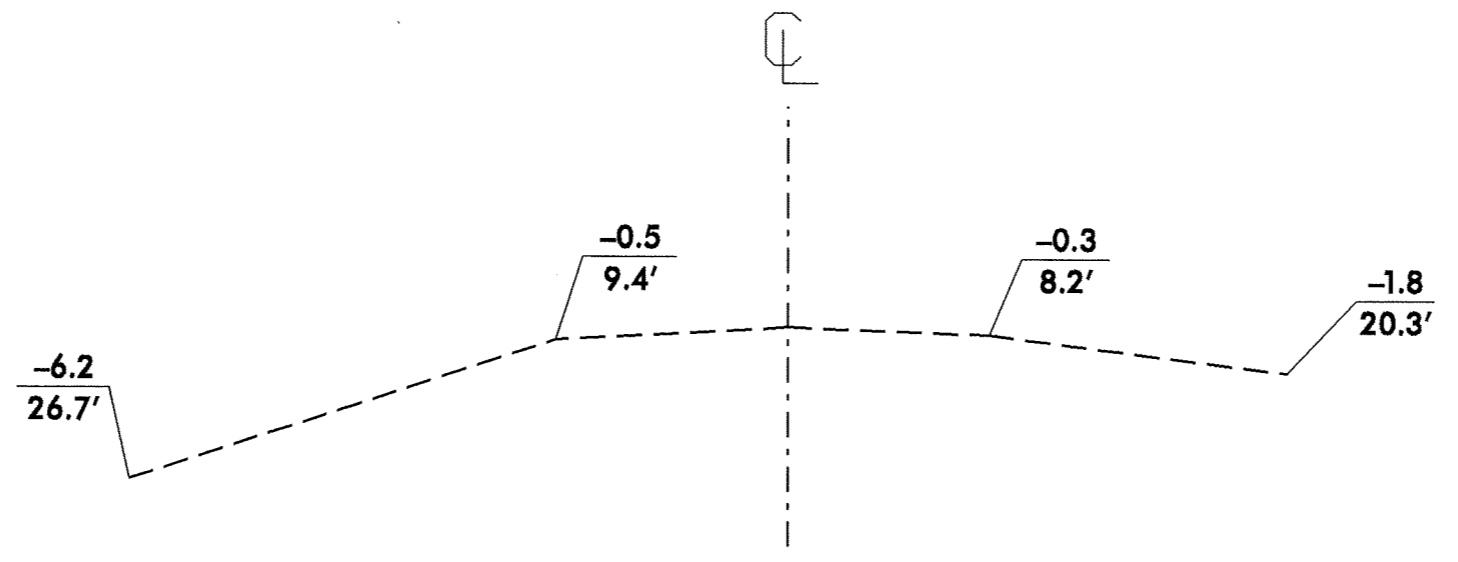
Sanitary Sewer Manhole	⊕
Sanitary Sewer Cleanout	⊕
U/G Sanitary Sewer Line	SS
Above Ground Sanitary Sewer	A/G Sanitary Sewer
Recorded SS Forced Main Line	FSS
Designated SS Forced Main Line (S.U.E.*)	FSS

MISCELLANEOUS:

Utility Pole	●
Utility Pole with Base	□
Utility Located Object	○
Utility Traffic Signal Box	⊕
Utility Unknown U/G Line	UUL
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.

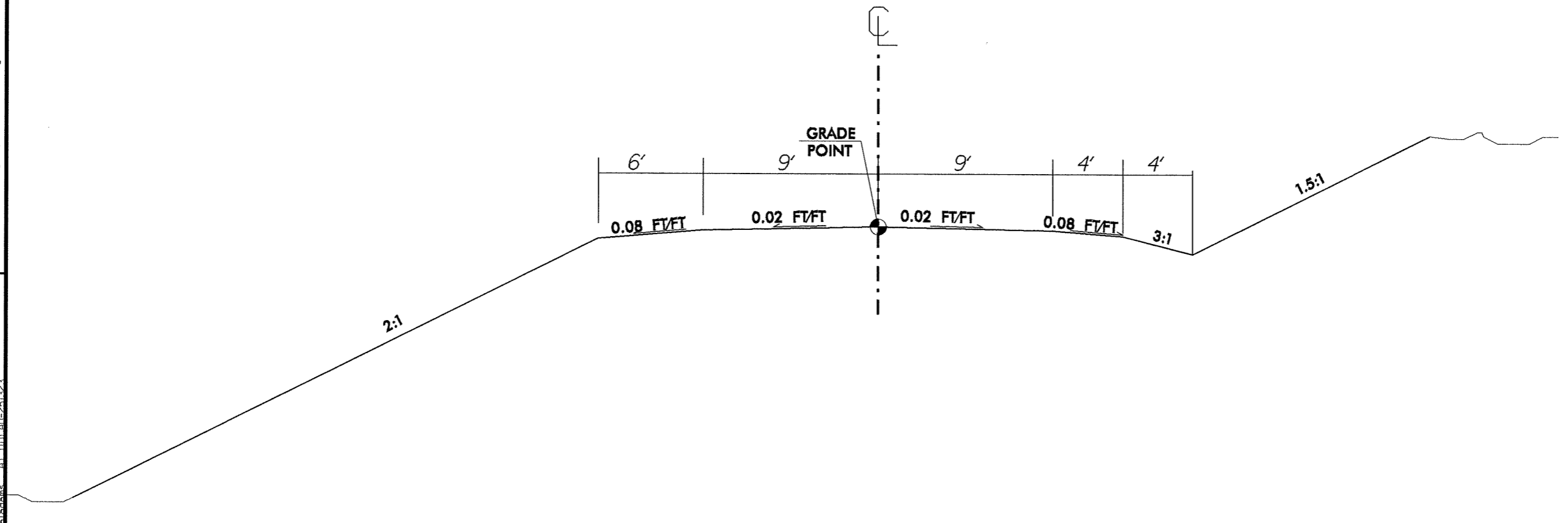
PROJECT REFERENCE NO. SR 1368	SHEET NO. 3
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

EXISTING TYPICAL



NOT TO SCALE

PROPOSED TYPICAL

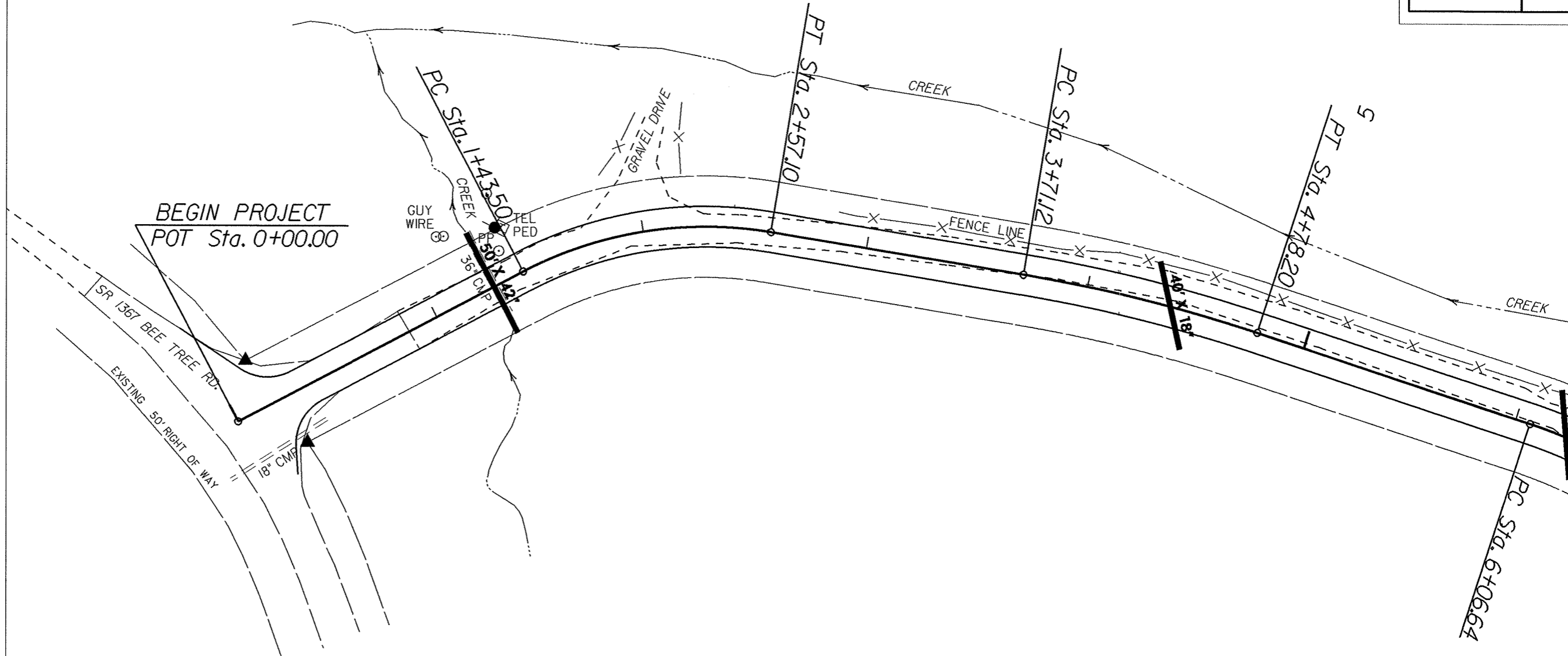


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REVISIONS

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PROJECT REFERENCE NO. SR 1368	SHEET NO. 4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCH LINE SEE SHEET 5

-L-

PI Sta 2+02.38	PI Sta 4+24.77
$\Delta = 37^\circ 11' 42''$ (RT)	$\Delta = 8^\circ 45' 51.3''$ (RT)
$D = 32^\circ 44' 25.6''$	$D = 8^\circ 11' 06.4''$
$L = 113.61'$	$L = 107.08'$
$T = 58.89'$	$T = 53.64'$
$R = 175.00'$	$R = 700.00'$

REVISIONS

PROPERTY INFO REVISED PER RAW AGENT 7/29/08

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PROJECT REFERENCE NO.	SHEET NO.
SR 1368	5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

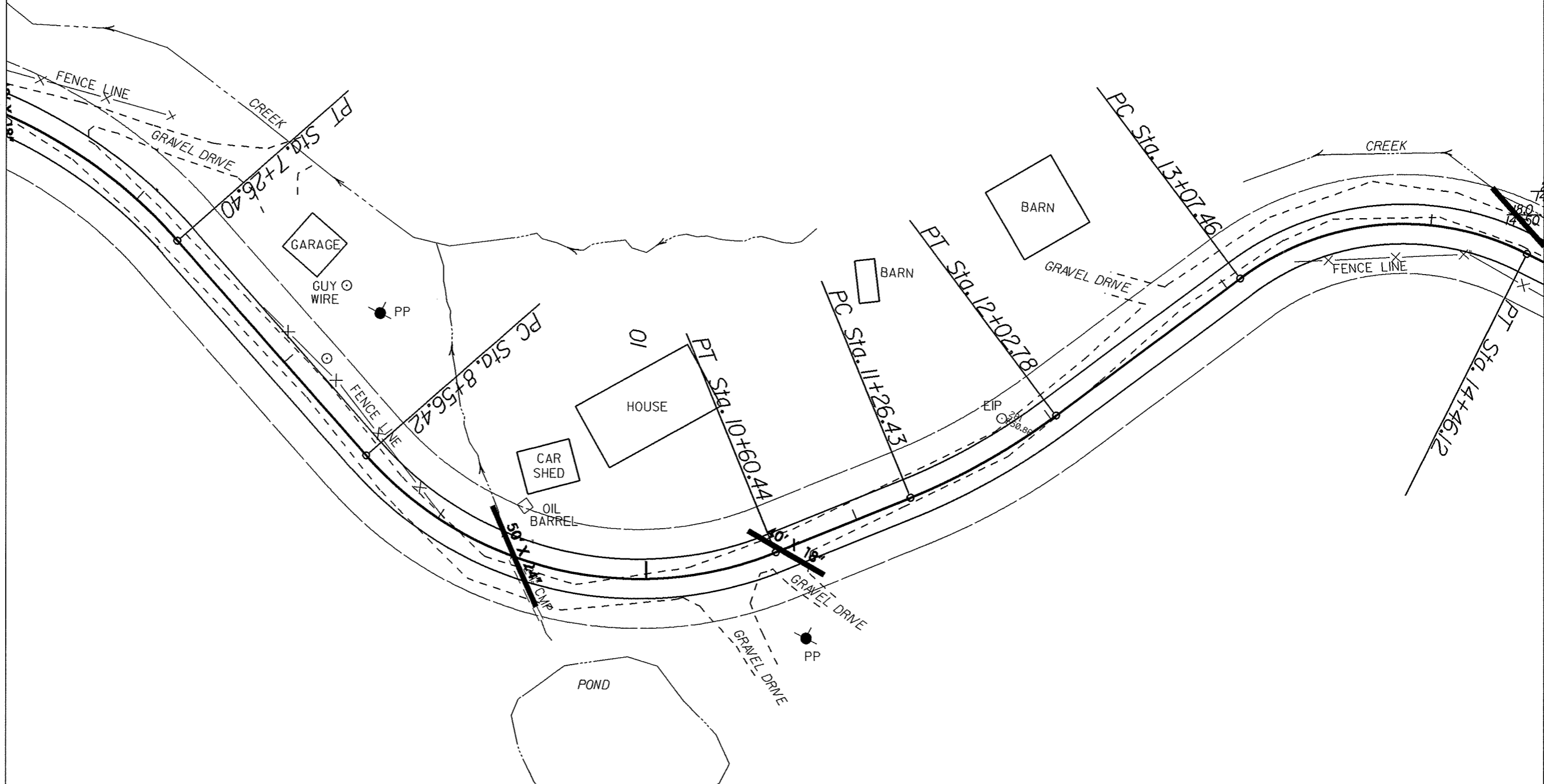
-L-

PI Sta 6+67.98 Δ = 30° 29' 47.9" (RT) D = 25° 27' 53.2" L = 119.76' T = 61.33' R = 225.00'	PI Sta 9+73.78 Δ = 70° 50' 51.4" (LT) D = 34° 43' 29.0" L = 204.03' T = 117.36' R = 165.00'	PI Sta 11+64.81 Δ = 14° 34' 57.1" (LT) D = 19° 05' 54.9" L = 76.35' T = 38.38' R = 300.00'	PI Sta 13+84.90 Δ = 63° 33' 27.2" (RT) D = 45° 50' 11.8" L = 138.66' T = 77.44' R = 125.00'
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MATCH LINE SEE SHEET 4

MATCH LINE SEE SHEET 6



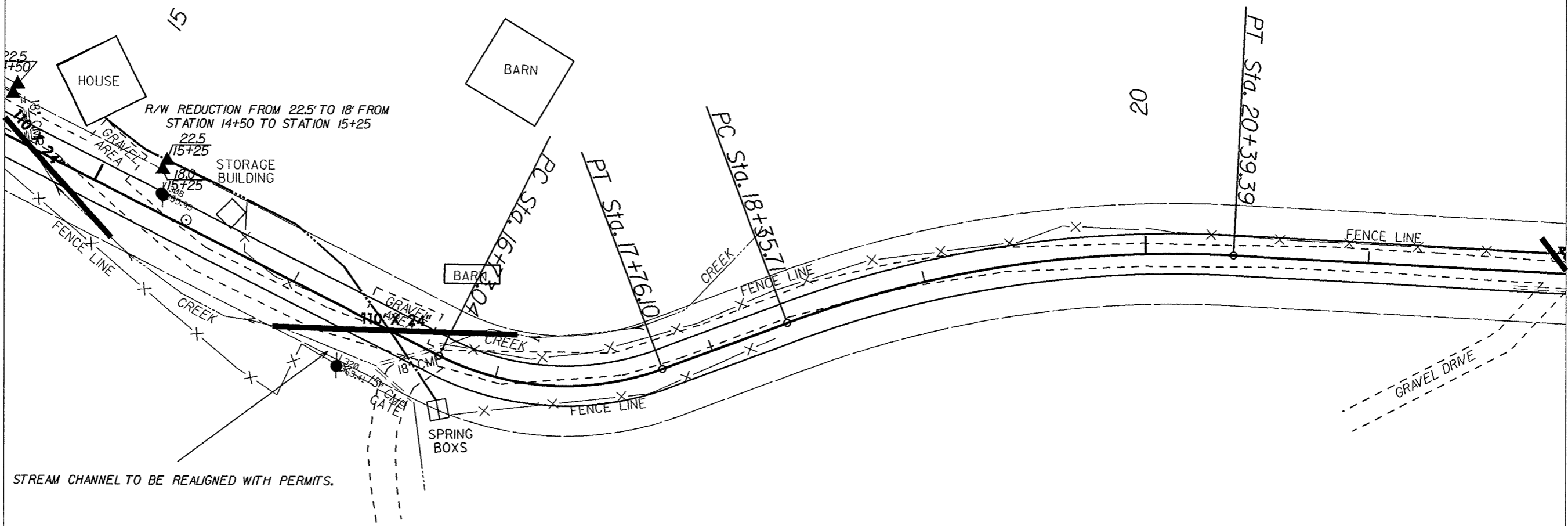
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PROJECT REFERENCE NO. SR 1368	SHEET NO. 6
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCH LINE SEE SHEET 5

MATCH LINE SEE SHEET 7



STREAM CHANNEL TO BE REALIGNED WITH PERMITS.

-L-

PI Sta 17+27.71	PI Sta 19+38.98
$\Delta = 47^\circ 14' 20.9''$ (LT)	$\Delta = 23^\circ 20' 24.2''$ (RT)
D = 45' 50' 11.8"	D = 11' 27' 33.0"
L = 103.06'	L = 203.68'
T = 54.66'	T = 103.27'
R = 125.00'	R = 500.00'

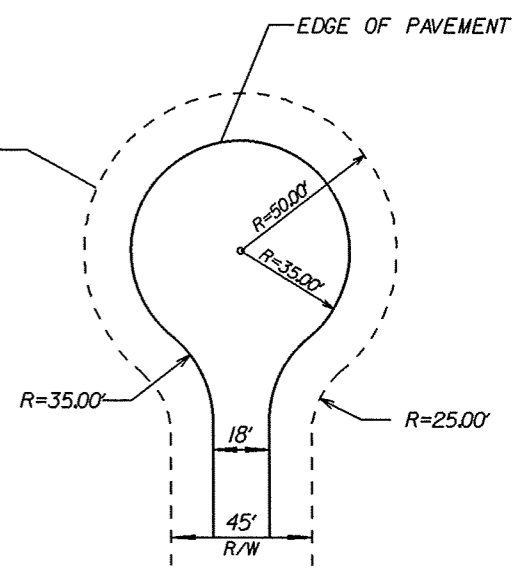
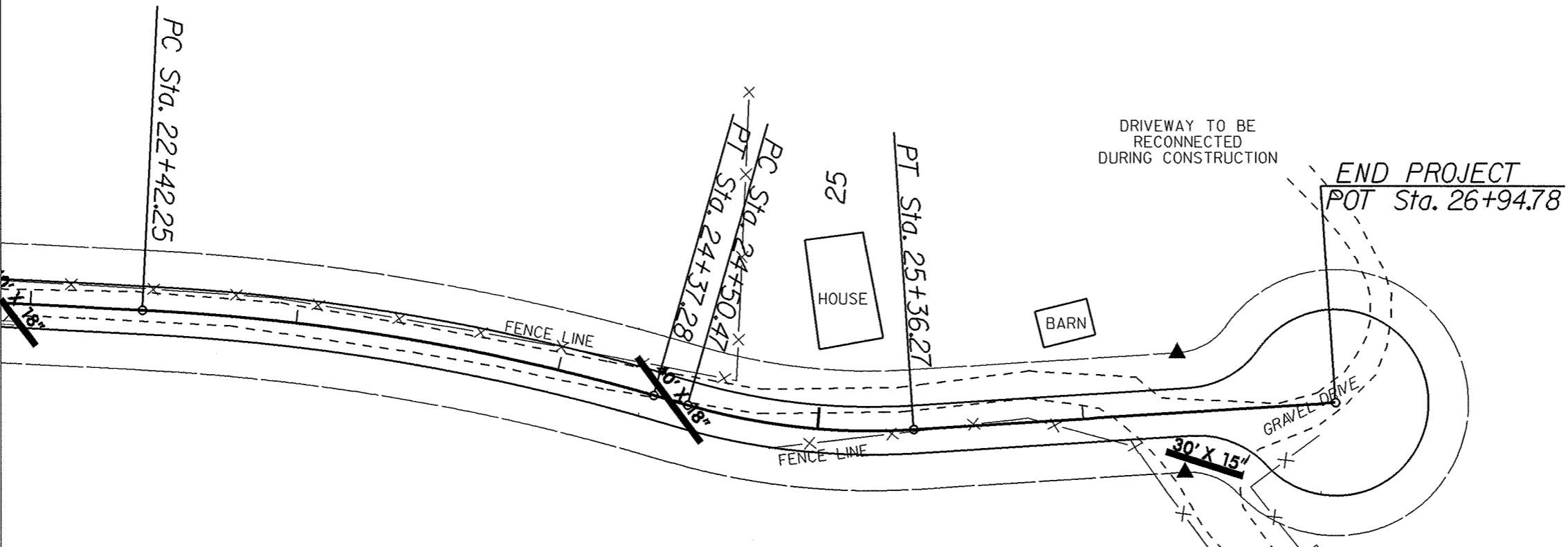
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PROJECT REFERENCE NO. SR 1368	SHEET NO. 7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCH LINE SEE SHEET 6



-L-

PI Sta 23+40.19	PI Sta 24+93.80
$\Delta = 13^{\circ} 08' 46.6''$ (RT)	$\Delta = 19^{\circ} 39' 49.4''$ (LT)
D = 6' 44' 26.4"	D = 22' 55' 05.9"
L = 195.03'	L = 85.80'
T = 97.94'	T = 43.33'
R = 850.00'	R = 250.00'

CUL-DE-SAC DETAIL

REVISIONS

REVISED E.D.P. PER PROPERTY OWNER REQUEST 7/7/08
PROPERTY INFO REVISED PER R/W AGENT 7/29/08

8/17/99

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