



DLHowell  
Civil Engineering  
Land Planning  
Environmental  
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ROAD CENTERLINE CURVE DATA					
CURVE #	LENGTH	RADIUS	CHORD DIRECTION	CHORD LENGTH	DELTA
C1	81.95	150.00	S24°06'11"E	80.94	03°11'8"10"
C2	76.60	150.00	S25°07'32"E	75.77	02°51'52"28"
C3	62.56	150.00	S22°26'40"E	62.11	02°53'54"44"
C4	83.41	200.00	S22°26'40"E	82.81	02°53'54"44"
C5	191.56	350.00	S26°10'33"E	189.18	03°12'13"30"
C6	60.36	75.00	S18°48'00"E	58.74	04°06'38"8"
C7	39.65	250.00	S12°12'58"E	39.61	00°05'05"15"
C8	27.33	250.00	S13°37'42"E	27.31	00°01'54"7"
C9	62.56	150.00	S01°27'04"W	62.11	02°53'54"44"
C10	166.82	200.00	S10°29'48"E	162.03	04°7'47"28"
C11	62.56	150.00	S22°26'40"E	62.11	02°53'54"44"
C12	153.52	150.00	S18°49'27"W	146.91	05°08'38"30"
C13	44.89	150.00	N70°55'49"E	44.72	01°7'08"46"
C14	179.55	300.00	N79°30'12"E	176.89	03°41'17"33"
C15	44.89	150.00	N88°04'35"E	44.72	01°7'08"46"



**GEOMETRY PLAN**  
SCALE: 1"=50'  
GRAPHIC SCALE  
1 inch = 50 feet

R=336.02'  
Δ=34°22'07"  
L=201.56'  
CH=198.55'  
N23°59'47"W

R=432.60'  
Δ=36°21'00"  
L=274.45'  
CH=269.87'  
N19°08'21"W

**LEGEND**

- - -	EX. PROPERTY LINE		EXISTING CONTOUR		PROP. LIGHT POLE		PROP. STORM INLET		PROP. WATER LINE
- - -	PROP. PROPERTY LINE		PROPOSED CONTOUR		EX. FENCE		PROP. STORM INLET ID		EX. UTILITY POLE
- - -	EX. EASEMENT		NEW SPOT ELEV.		EX. MAIL BOX		PROP. UTILITY POLE		PROP. FIRE WATER LINE
- - -	PROP. RIGHT-OF-WAY		SOILS TYPE		EX. SIGN		EX. SANITARY SEWER LINE		PROP. WATER VALVE
- - -	EX. MONUMENT		SOILS LINE		EX. CONC. CURB		PROP. SAN. SEWER LINE		EX. HYDRANT
- - -	PROP. MONUMENT		PROP. CONC. CURB		EX. CONC. CURB		PROP. SAN. SEWER LATERAL		EX. HYDRANT
- - -	EX. CONC. CURB		SOILS CONC. CURB		EX. CONC. CURB		PROP. TELE. LINE		EX. PERC. TEST
- - -	EX. EASEMENT		SOILS CONC. CURB		EX. CONC. CURB		PROP. TELE. LINE		EX. TEST PIT
- - -	PROP. EASEMENT		SOILS CONC. CURB		EX. CONC. CURB		PROP. TELE. LINE		EX. TEST PIT
- - -	EX. WETLANDS		SOILS CONC. CURB		EX. CONC. CURB		PROP. TELE. LINE		EX. TEST PIT

	PROP. STORM INLET		PROP. WATER LINE
	PROP. STORM INLET ID		PROP. WATER LATERAL
	PROP. SEEPAGE BED		PROP. FIRE WATER LINE
	EX. SANITARY SEWER LINE		PROP. WATER VALVE
	PROP. SAN. SEWER LINE		EX. HYDRANT
	PROP. SAN. SEWER LATERAL		EX. HYDRANT
	PROP. SANITARY MH. ID		PROP. MANHOLE
	EX. WATER LINE		EX. PERC. TEST
	EX. WATER LINE		EX. TEST PIT

	PROP. STORM INLET		PROP. WATER LINE
	PROP. STORM INLET ID		PROP. WATER LATERAL
	PROP. SEEPAGE BED		PROP. FIRE WATER LINE
	EX. SANITARY SEWER LINE		PROP. WATER VALVE
	PROP. SAN. SEWER LINE		EX. HYDRANT
	PROP. SAN. SEWER LATERAL		EX. HYDRANT
	PROP. SANITARY MH. ID		PROP. MANHOLE
	EX. WATER LINE		EX. PERC. TEST
	EX. WATER LINE		EX. TEST PIT

REV	DATE	DESCRIPTION
1	07/15/19	REVISED PER TOWNSHIP CONSULTANT REVIEW LETTERS.
2		
3		
4		
5		
6		
7		
8		

PRELIMINARY  
**GEOMETRY PLAN**  
  
CLIENT: MITCHELL HOMES  
PROJECT: SMITH PROPERTY  
LOCATION: 548 ROSEDALE ROAD  
KENNETT TOWNSHIP, CHESTER COUNTY, PA

DRAWN BY:	JTE
CHECKED BY:	JWB
PROJECT NO.:	3388
DATE:	04/30/19
SCALE:	1"=50'
DATE:	04/30/19
DRAWING NO.:	C02.3
SHEET:	04 OF 31