PROJECT REFERENCE NO.	SHEET NO.
U-3615B	UC-15
DESIGNED BY: DMP	
DRAWN BY: DMP	
CHECKED BY: DMP	
APPROVED BY:	
REVISED:	

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

UTILITIES ENGINEERING SEC.
PHONE: (919) 707-6690
FAX: (919) 250-4151

NORTH CAROLINA PROFESSIONAL SEAL 26457 ENGINEER JOSHUA P. LARRICK 10/6/2014

UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

-Y44-
PI Sta 11+70.64
Δ = 8° 54' 24.9" (RT)
D = 5° 00' 00.0"
L = 178.14'
T = 89.25'
R = 1,145.92'

-L-
PI Sta 310+92.61
Δ = 36° 15' 22.1" (RT)
D = 6° 01' 52.1"
L = 601.15
T = 311.02'
R = 950.00'
DS = 50 MPH
SE = 0.04
RO = SEE PLANS

-L-
PIs Sta 314+32.77
Θs = 4° 31' 24.1"
Ls = 150.00'
LT = 100.03'
ST = 50.03'

-Y45N-
PI Sta 11+88.72
Δ = 18° 55' 14.5" (LT)
D = 22° 55' 05.9"
L = 82.56'
T = 41.66'
R = 250.00'

BIRCHGARDEN DR.
EST. 2013/2033 AADT

NAD 83/95

25 0 50

PROP. - 3 - RELOCATE WATER METERS

PROP. - 2 - RELOCATE WATER METERS

EX. ARV MH IS NOT LOCATED AS SHOWN

ABANDON 1,382 L.F. OF 16" UTILITY PIPE

PROP. - 60 L.F. OF 12" WATERLINE

REMOVE UTIL. MH

PROP. - 2 - RELOCATE WATER METERS

PROP. - 1 - RELOCATE WATER METER

PROP. - 1 - RELOCATE FIRE HYDRANT

PROP. - 1,366 L.F. OF 16" FORCEMAIN SEWER (SEE UC-22 AND UC-23 FOR PROFILE)

PROP. - 1 - RELOCATE FIRE HYDRANT

PROP. - 1 - RELOCATE WATER METER

PROP. - 1 - RELOCATE FIRE HYDRANT

PROP. - 1 - RELOCATE WATER METER, 1 - RELOCATE 1-1/2" RPZ BACKFLOW PREVENTER

PROP. - 1 - 2" AIR RELEASE VALVE (COMBINATION AIR-VACUUM VALVE IN 5' DIA. MANHOLE)

DO NOT DISTURB PATIO IN TCE AREA

MATCHLINE STA 308+00.00 SHEET UC-14

MATCHLINE STA 322+00.00 SHEET UC-16

PROPOSED SIGNAL

-Y45S-
PI Sta 12+64.70
Δ = 1° 05' 23.3" (LT)
D = 1° 00' 00.0"
L = 109.98'
T = 54.99'
R = 5729.58'

PI Sta 13+91.25

UTILITY CONSTRUCTION PLANS PREPARED BY:
DAVIS • MARTIN • POWELL
ENGINEERS & SURVEYORS
6415 OLD PLANK RD. HIGH POINT, NC 27265
PHONE: (336)886-4821 FAX: (336)886-4458
WWW.DMP-INC.COM LICENSE: F-0245

REVISIONS

8/17/99