Kimley»Horn
200 SOUTH TRYON ST, SUITE 200
CHARLOTTE, N.C. 28202

PROJECT REFERENCE NO.	SHEET NO.
U-5907	UC-10

DESIGNED BY: MAS
DRAWN BY: SJJ
CHECKED BY: MAS
APPROVED BY: ---
REVISED:

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
UTILITIES ENGINEERING SEC.
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NORTH CAROLINA PROFESSIONAL SEAL 027670 ENGINEER MATTHEW A. SHOEMAKER
7/17/2023

UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

REVISIONS 5/14/99

7/17/2023

NC GRID NAD 83 NA 2011

MATCHLINE -L3- STA 11+50 (SHEET UC-11)

MATCHLINE -Y3- STA 14+50 (SHEET UC-12)

MATCHLINE -Y3- STA 20+00 (SHEET UC-13)

MATCHLINE -LI- STA 41+50 (SHEET UC-9)

ABANDON 138 LF OF 8" UTILITY PIPE

6" 45° RJ BEND

6" GV

214 LF OF 6" RJ DI WATER LINE

55 LF OF 8" DI SANITARY GRAVITY SEWER

4' DIA UTILITY MANHOLE (MH-15)

132 LF OF 8" DI SANITARY GRAVITY SEWER

ABANDON 168 LF OF 6" UTILITY PIPE

100 LF OF 18" STEEL ENCASEMENT PIPE
100 LF OF BORE AND JACK OF 18"

6" 45° RJ BEND (2)

6" 22.5° RJ BEND

6" 45° RJ BEND

ABANDON UTILITY MANHOLE

60 LF OF 12" STEEL ENCASEMENT PIPE
60 LF OF BORE AND JACK OF 12"

41 LF OF 8" DI SANITARY GRAVITY SEWER

ABANDON 355 LF OF 12" UTILITY PIPE

ABANDON 113 LF OF 8" UTILITY PIPE

158 LF OF 8" DI SANITARY GRAVITY SEWER

ABANDON 134 LF OF 6" UTILITY PIPE

ABANDON 396 LF OF 8" UTILITY PIPE

34 LF OF 8" DI SANITARY GRAVITY SEWER

140 LF OF 18" STEEL ENCASEMENT PIPE
45 LF OF BORE AND JACK OF 18"

95 LF INSTALLED VIA OPEN CUT

4' DIA UTILITY MANHOLE (MH-11)

150 LF OF 8" DI SANITARY GRAVITY SEWER

4' DIA UTILITY MANHOLE (MH-12)

12" LINE STOP

THRUST COLLAR PER DETAIL "DD"

CONNECT TO EXISTING 12" WATER MAIN WITH DI MJ LONG BODY SOLID SLEEVE

37 LF OF 8" DI SANITARY GRAVITY SEWER

12" 45° RJ BEND

4' DIA UTILITY MANHOLE (MH-10)

12" 22.5° RJ BEND

102 LF 24" STEEL ENCASEMENT PIPE
42 LF OF BORE AND JACK OF 24"
60 LF INSTALLED VIA OPEN CUT

PROPOSED 24" TRANSMISSION MAIN BY OTHERS

134 LF OF 8" DI SANITARY GRAVITY SEWER

404 LF OF 12" RJ DI WATER LINE

RELOCATE WATER METERS (3)

4' DIA UTILITY MANHOLE (MH-8)

12" GV

6" GV

12"x6" RJ TEE

4' DIA UTILITY MANHOLE (MH-9)

12" 22.5° RJ BEND (2)

RELOCATE FIRE HYDRANT
7 LF HYDRANT LEG
6" GV
12"x6" RJ TEE

12"x6" RJ TEE

6" 45° RJ BEND

6" 11.25° RJ BEND

6" 11.25° RJ BEND (2)

RELOCATE WATER METER
6"x6" RJ TEE

6" 22.5° RJ BEND (2)

156 LF OF 6" RJ DI WATER LINE

6" 11.25° RJ BEND

6" RJ TEE

6"x6" RJ REDUCER

6" GV

6" 45° RJ BEND

6" 45° RJ BEND

THRUST COLLAR PER DETAIL "DD"

CONNECT TO EXISTING 6" WATER MAIN WITH 6" MJ LONG BODY SOLID SLEEVE

6" LINE STOP

JURISDICTIONAL STREAM

APPROXIMATE 7' OF JURISDICTIONAL STREAM IMPACTS

NORTH CAROLINA STATE HIGHWAY COMMISION DB 3559 PG 480

WOODS AT LAKE DAVIDSON HOMEOWNERS ASSOCIATION, INC. DB 8147 PG 613

THE TRUSTEES OF DAVIDSON COLLEGE
DB 4770 PG 325
DB 4826 PG 127
DB 2394 PG 241
DB 10194 PG 718
DB 22911 PG 746
DB 12302 PG 402

WILLIE LAVAY HAY AND WIFE TRINA B. HAY DB 17949 PG 681

TOWN OF DAVIDSON DB 29836 PG 417 DB 1927 PG 223

THE DAVIDSON HOUSING COALITION, INC. DB 12302 PG 414

RAEFORD AND SONS, LLC. DB 31994 PG 532

DAVIDSON HISTORIC DISTRICT

HISTORIC BOUNDARY

THE TRUSTEES OF DAVIDSON COLLEGE DB 22911 PG 746

EVELYN M CARR DB 22911 PG 25

THE TRUSTEES OF DAVIDSON COLLEGE DB 6937 PG 87 DB 9345 PG 952 DB 6865 PG 410 DB 22911 PG 746

AFRICAN METHODIST EPISCOPAL ZION CHURCH DB 2723 PG 384

GRIFFITH STREET

SLOAN STREET