

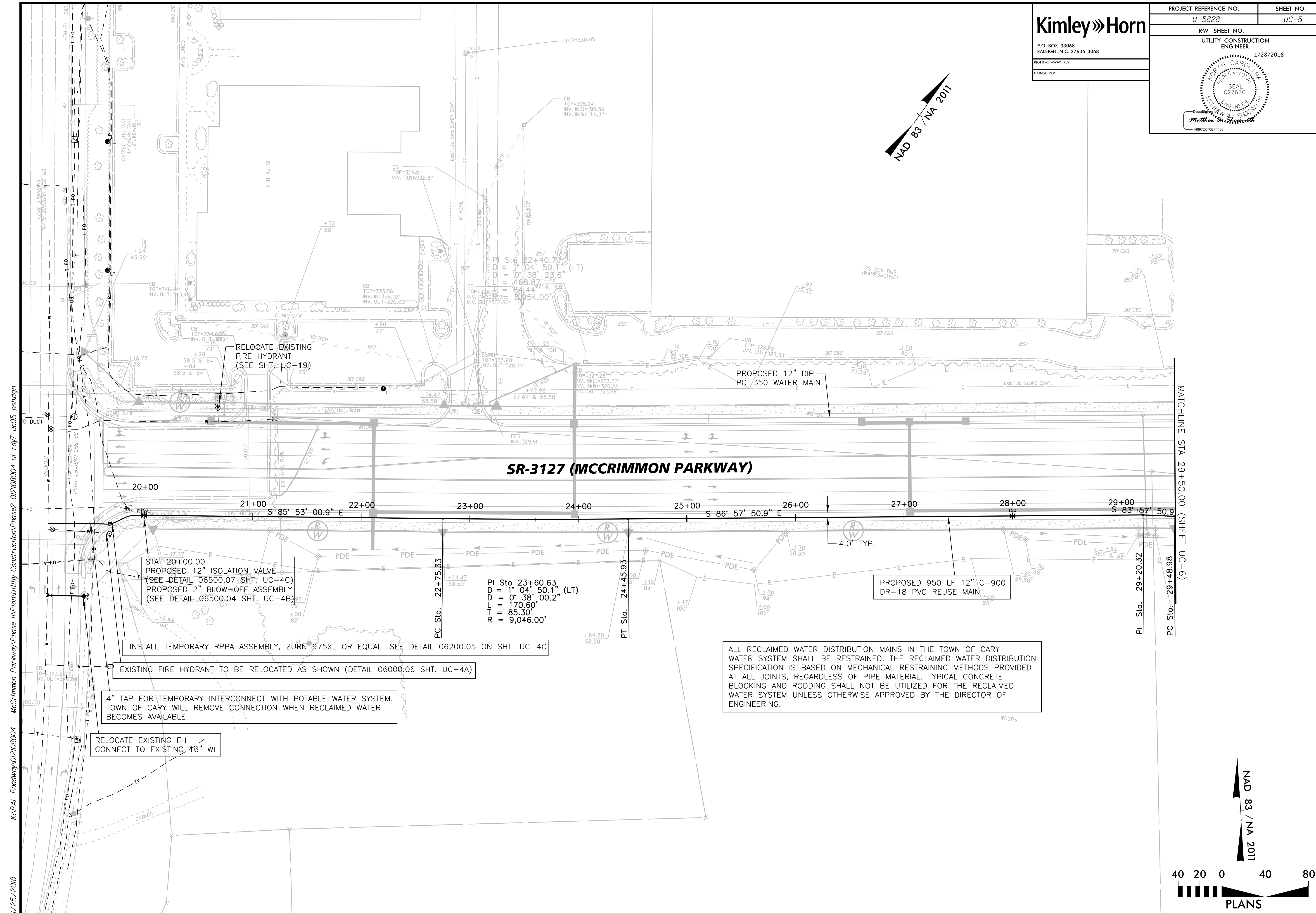
Kimley»Horn

P.O. BOX 33068
RALEIGH, N.C. 27636-3068

RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO. <i>U-5828</i>	SHEET NO. <i>UC-5</i>
RW SHEET NO.	
UTILITY CONSTRUCTION ENGINEER	
1/28/2018	

DocuSign
Matthew W. Apperly
148970768F4408



RELOCATE EXISTING FIRE HYDRANT (SEE SHT. UC-19)

PROPOSED 12" DIP PC-350 WATER MAIN

STA. 20+00.00
PROPOSED 12" ISOLATION VALVE
(SEE DETAIL 06500.07, SHT. UC-4C)
PROPOSED 2" BLOW-OFF ASSEMBLY
(SEE DETAIL 06500.04, SHT. UC-4B)

PI Sta. 23+60.63
D = 1' 04" 50.1" (LT)
D = 0' 38" 00.2"
L = 170.60'
T = 85.30'
R = 9,046.00'

PROPOSED 950 LF 12" C-900 DR-18 PVC REUSE MAIN

INSTALL TEMPORARY RPPA ASSEMBLY, ZURN 975XL OR EQUAL. SEE DETAIL 06200.05 ON SHT. UC-4C

EXISTING FIRE HYDRANT TO BE RELOCATED AS SHOWN (DETAIL 06000.06 SHT. UC-4A)

4" TAP FOR TEMPORARY INTERCONNECT WITH POTABLE WATER SYSTEM. TOWN OF CARY WILL REMOVE CONNECTION WHEN RECLAIMED WATER BECOMES AVAILABLE.

RELOCATE EXISTING FH CONNECT TO EXISTING 16" WL

ALL RECLAIMED WATER DISTRIBUTION MAINS IN THE TOWN OF CARY WATER SYSTEM SHALL BE RESTRAINED. THE RECLAIMED WATER DISTRIBUTION SPECIFICATION IS BASED ON MECHANICAL RESTRAINING METHODS PROVIDED AT ALL JOINTS, REGARDLESS OF PIPE MATERIAL. TYPICAL CONCRETE BLOCKING AND RODDING SHALL NOT BE UTILIZED FOR THE RECLAIMED WATER SYSTEM UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF ENGINEERING.

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MATCHLINE STA 29+50.00 (SHEET UC-6)

1/25/2018

NAD 83 / NA 2011

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PLANS