

**This electronic collection of documents is provided
for the convenience of the user
and is Not a Certified Document –**

**The documents contained herein were originally issued
and sealed by the individuals whose names and license
numbers appear on each page, on the dates appearing
with their signature on that page.**

**This file or an individual page
shall not be considered a certified document.**

5/14/20

NOTES:

- ALL CONSTRUCTION IN NCCR RIGHT-OF-WAY SHALL MEET THE REQUIREMENTS OF NCR 102, "SPECIFICATIONS FOR PIPELINE OCCUPANCY OF NORTH CAROLINA RAILROAD COMPANY PROPERTY" AND NORTH CAROLINA / NORFOLK SOUTHERN RAILWAY - SPECIAL PROVISIONS FOR PROTECTION OF RAILWAY INTEREST. CONTRACTOR SHALL VERIFY EXISTING WATERLINE ELEVATION IN RELATION TO PROPOSED STORM PIPE INSTALLATION. INVESTIGATION SHALL BE INCIDENTAL TO STORM PIPE INSTALLATION. IF LESS THAN 6" CLEARANCE BETWEEN PROPOSED STORM AND EXISTING WATERLINE, RELOCATE WATERLINE AS SHOWN ON THE PLANS PER DETAIL 3/UC-3E AND PROVIDE 12" MINIMUM SEPARATION BETWEEN THE STORM AND WATERLINE. IF BETWEEN 6" AND 24" CLEARANCE BETWEEN THE PROPOSED STORM PIPE AND EXISTING WATERLINE, PROVIDE PIPELINE CROSSING PER DETAIL 6/UC-3D. IF GREATER THAN 24" CLEARANCE BETWEEN THE PROPOSED STORM PIPE AND EXISTING WATERLINE, NO ADDITIONAL WORK IS REQUIRED.

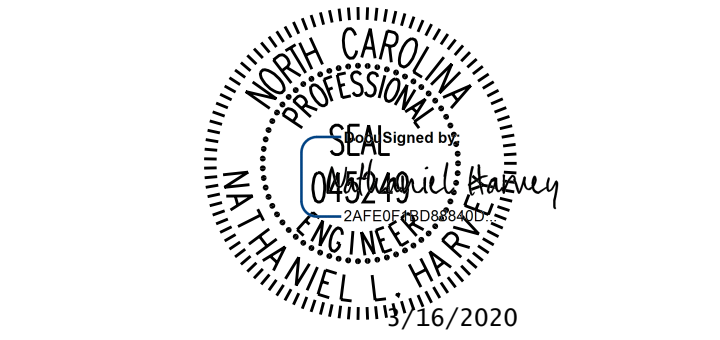
Kimley Horn

421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601

RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO. U-5724 SHEET NO. UC-9

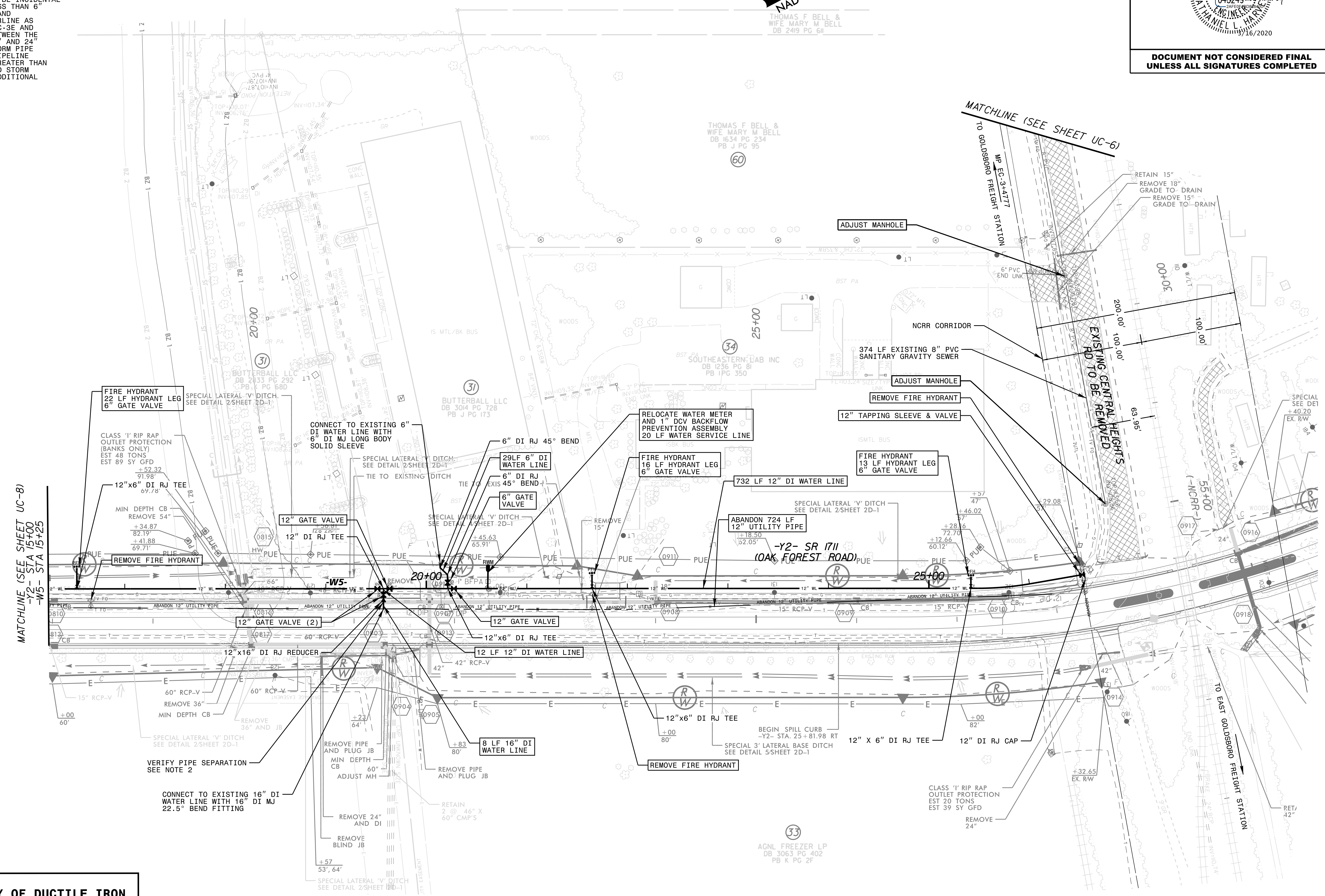
UTILITY DESIGN ENGINEER



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



REVISIONS



NOTE:
THE ESTIMATED QUANTITY OF DUCTILE IRON WATER PIPE FITTINGS ON THIS PLAN SHEET IS 1,343 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

5/14/20

REVISIONS

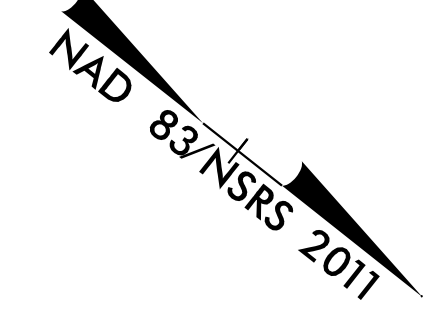
Kimley Horn
 421 FAYETTEVILLE STREET, SUITE 600
 RALEIGH, NC 27601

| | |
|---------------------------------|--------------------|
| PROJECT REFERENCE NO. U-5724 | SHEET NO. UC-10 |
| UTILITY DESIGN ENGINEER | |

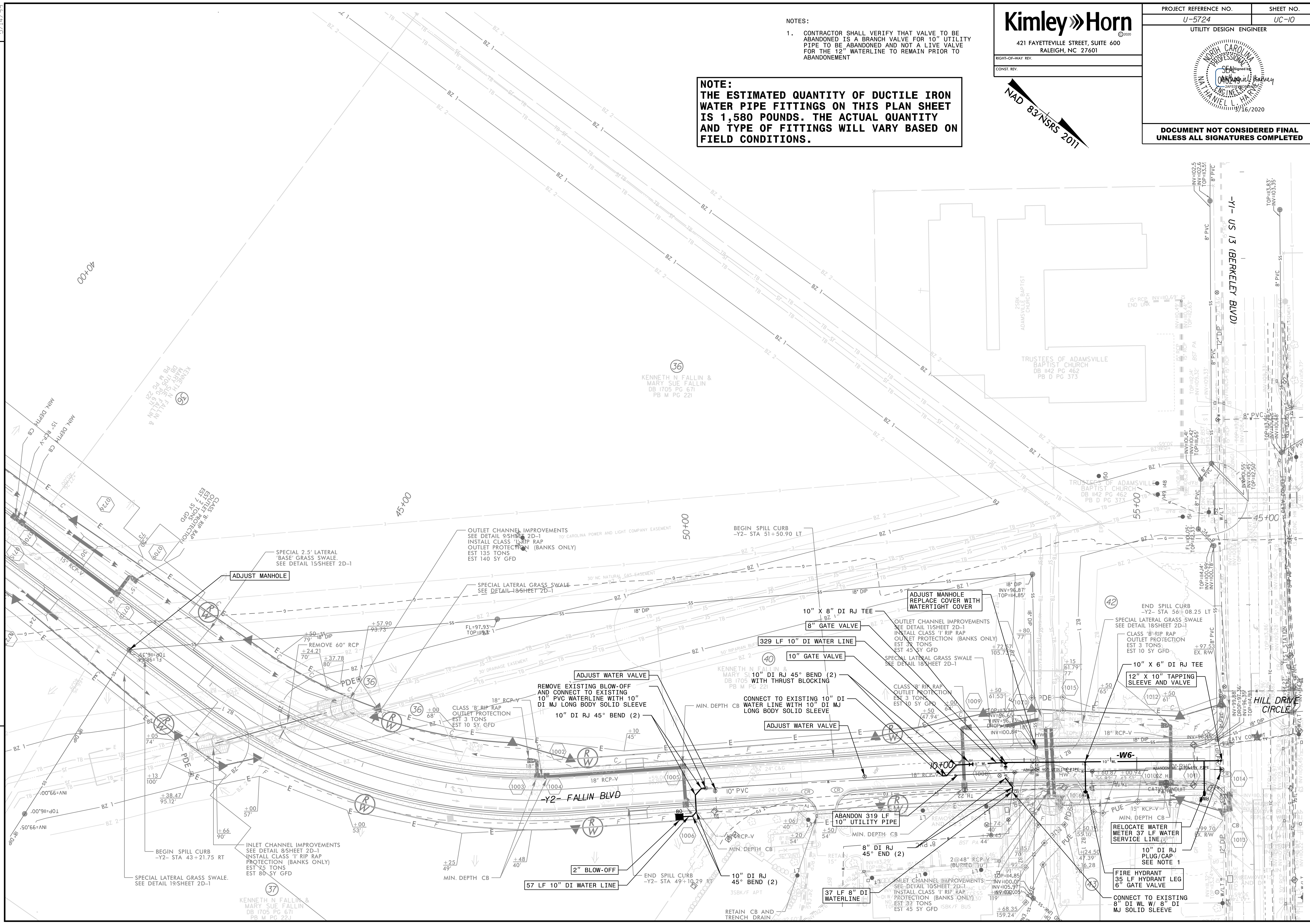
Seal:
 NORTH CAROLINA PROFESSIONAL ENGINEER
 AMIEL L. HAYES
 16/2020

- NOTES:
- CONTRACTOR SHALL VERIFY THAT VALVE TO BE ABANDONED IS A BRANCH VALVE FOR 10" UTILITY PIPE TO BE ABANDONED AND NOT A LIVE VALVE FOR THE 12" WATERLINE TO REMAIN PRIOR TO ABANDONEMENT

NOTE:
 THE ESTIMATED QUANTITY OF DUCTILE IRON WATER PIPE FITTINGS ON THIS PLAN SHEET IS 1,580 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.



**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**



KENNETH N FALLIN &
 MARY SUE FALLIN
 DB 1705 PG 671
 PB M PG 221

FIRE HYDRANT
 35 LF HYDRANT LEG
 6" GATE VALVE

37 LF 8" DI
 WATERLINE

57 LF 10" DI WATER LINE

ADJUST WATER VALVE

REMOVE EXISTING BLOW-OFF
 AND CONNECT TO EXISTING
 10" PVC WATERLINE WITH 10"
 DI MJ LONG BODY SOLID SLEEVE

10" DI RJ 45° BEND (2)

ADJUST MANHOLE
 REPLACE COVER WITH
 WATERTIGHT COVER

10" X 8" DI RJ TEE

8" GATE VALVE

329 LF 10" DI WATER LINE

10" GATE VALVE

10" X 6" DI RJ TEE

12" X 10" TAPPING
 SLEEVE AND VALVE

RELOCATE WATER
 METER 37 LF WATER
 SERVICE LINE

10" DI RJ
 PLUG/CAP
 SEE NOTE 1

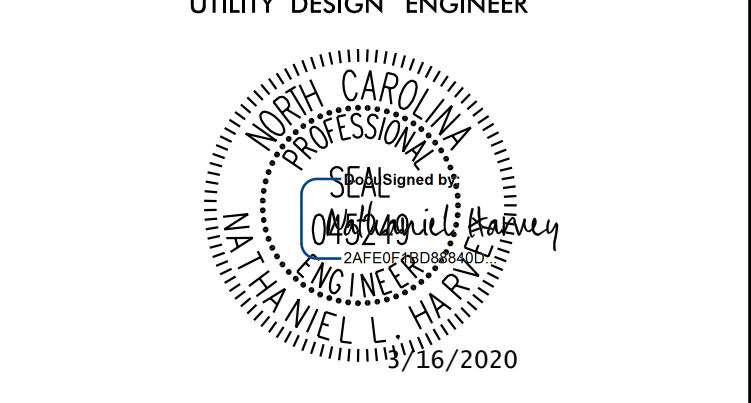
CONNECT TO EXISTING
 8" DI WL W/ 8" DI
 MJ SOLID SLEEVE

KENNETH N FALLIN &
 MARY SUE FALLIN
 DB 1705 PG 671
 PB M PG 221

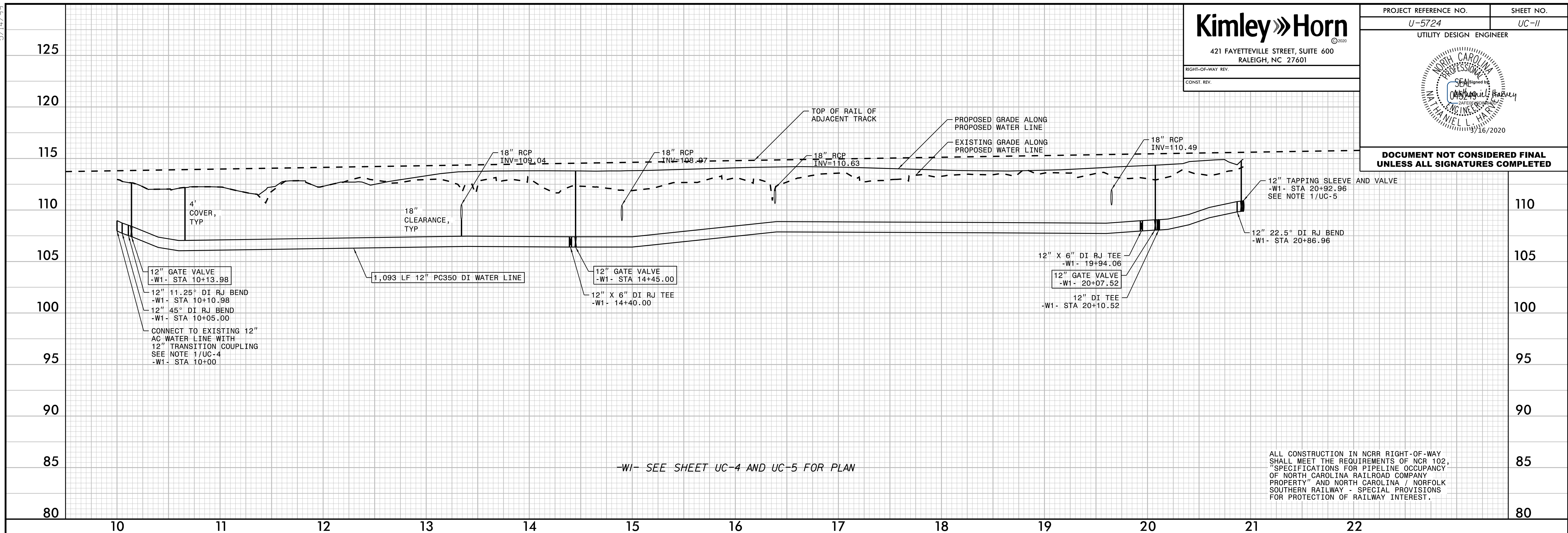
5/14/20

421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601

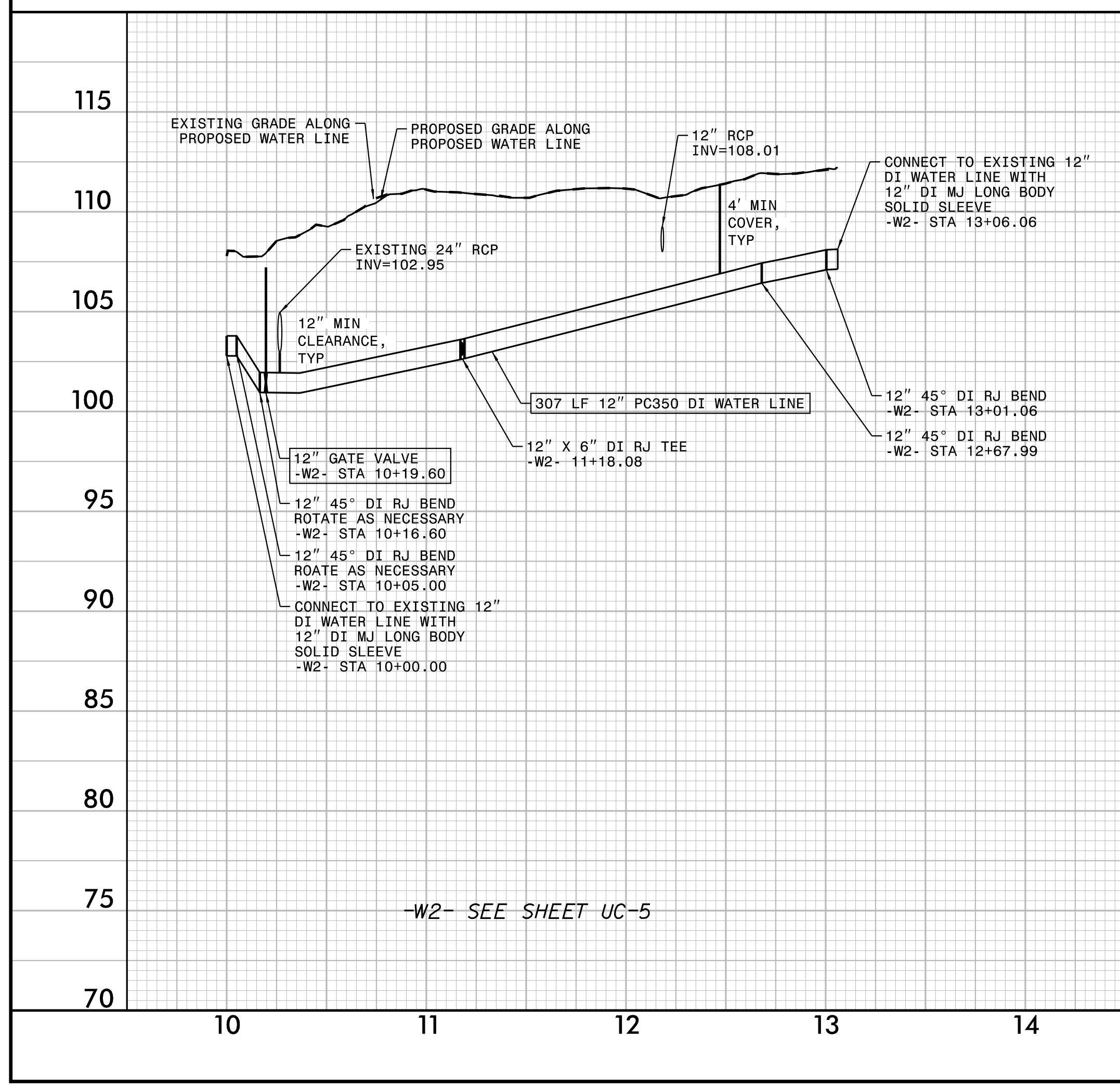
RIGHT-OF-WAY REV.
CONST. REV.



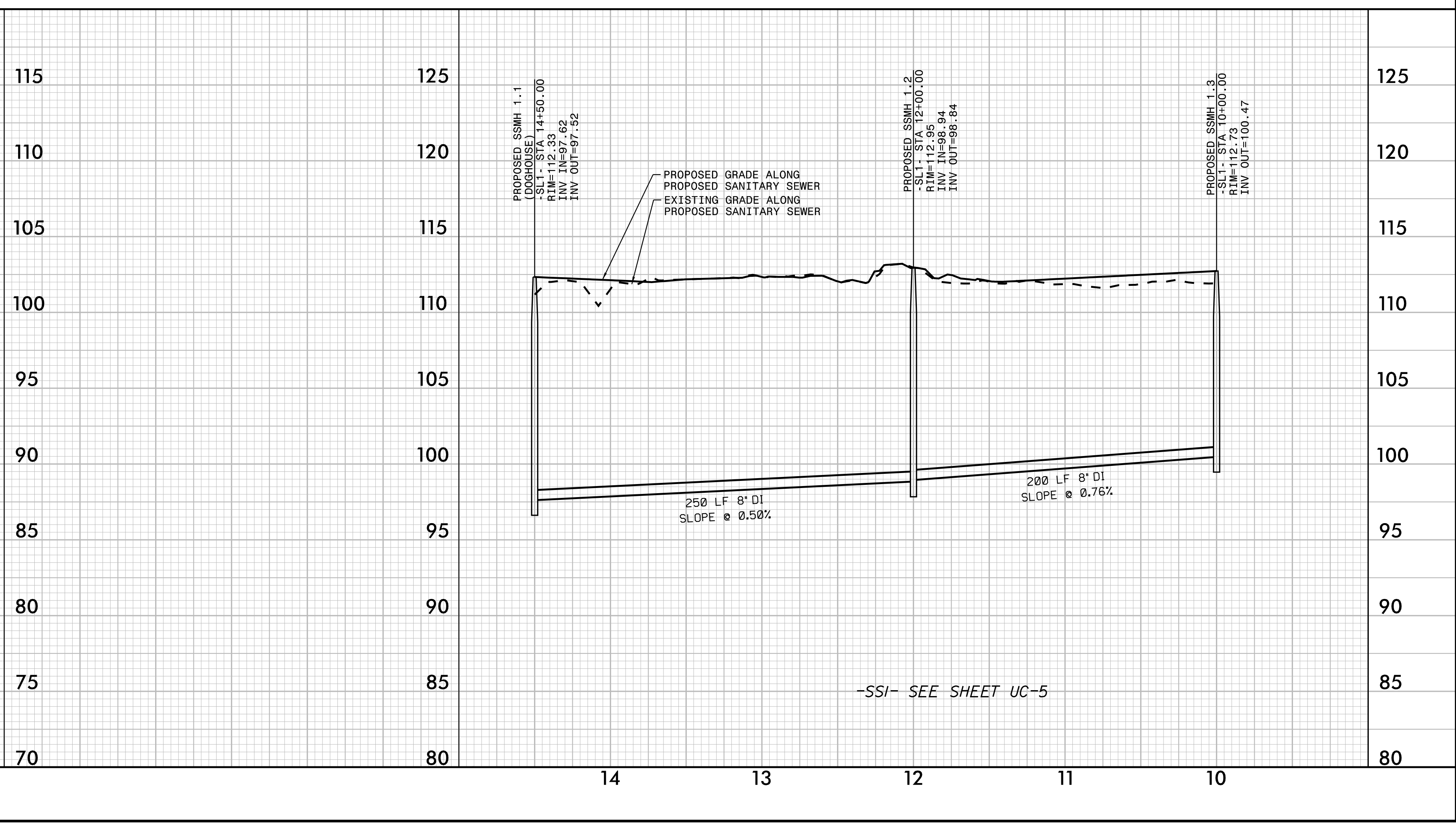
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



ALL CONSTRUCTION IN NCRR RIGHT-OF-WAY SHALL MEET THE REQUIREMENTS OF NOR 102, "SPECIFICATIONS FOR PIPELINE OCCUPANCY OF NORTH CAROLINA RAILROAD COMPANY PROPERTY" AND NORTH CAROLINA / NORFOLK SOUTHERN RAILWAY - SPECIAL PROVISIONS FOR PROTECTION OF RAILWAY INTEREST.



-W2- SEE SHEET UC-5



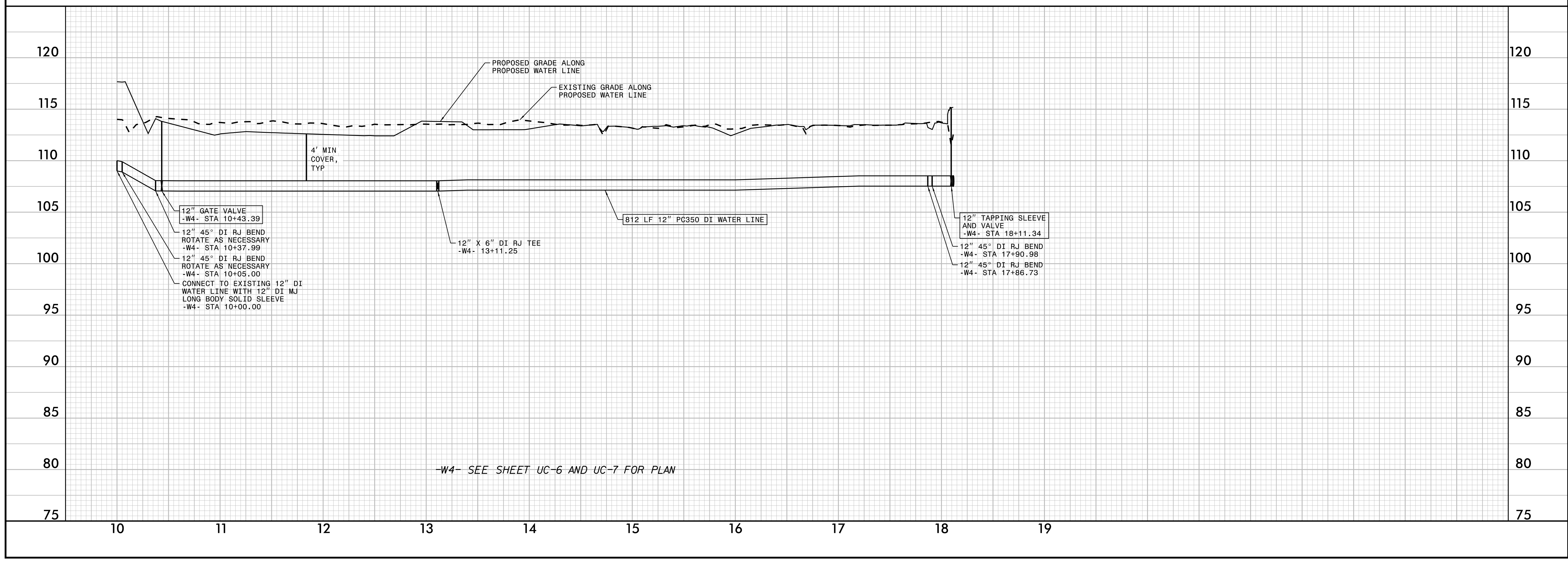
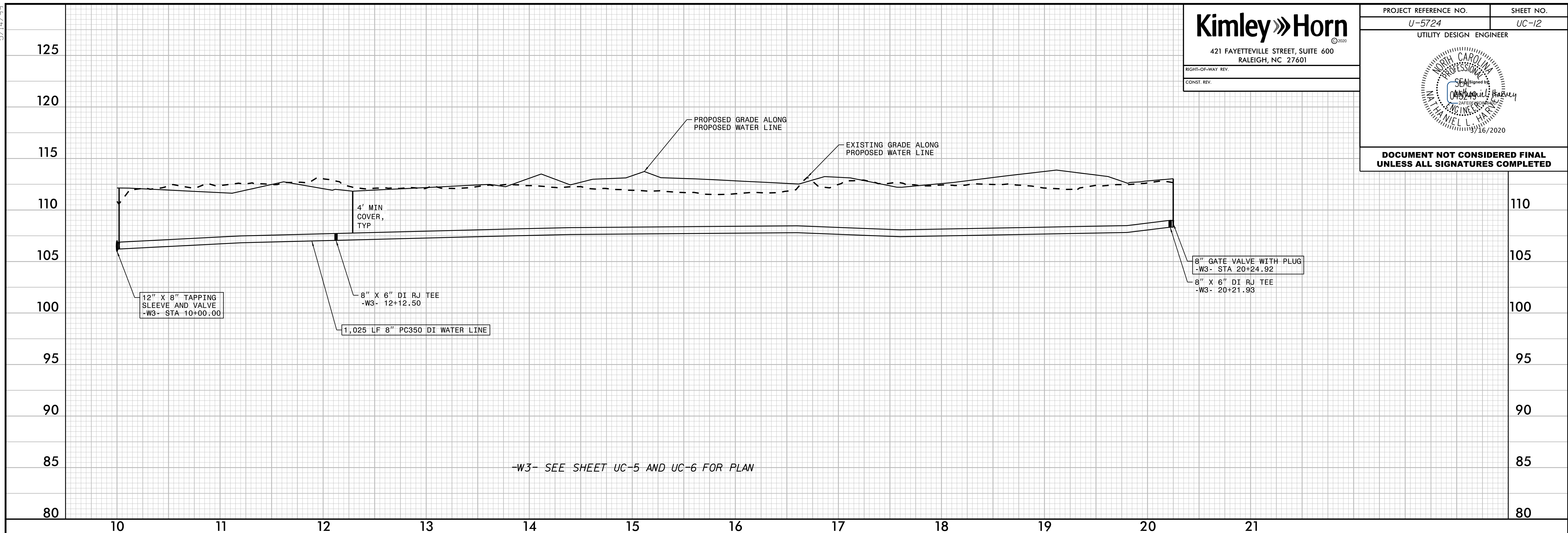
-SSI- SEE SHEET UC-5

5/14/20

Kimley»Horn
 421 FAYETTEVILLE STREET, SUITE 600
 RALEIGH, NC 27601

RIGHT-OF-WAY REV.
 CONST. REV.

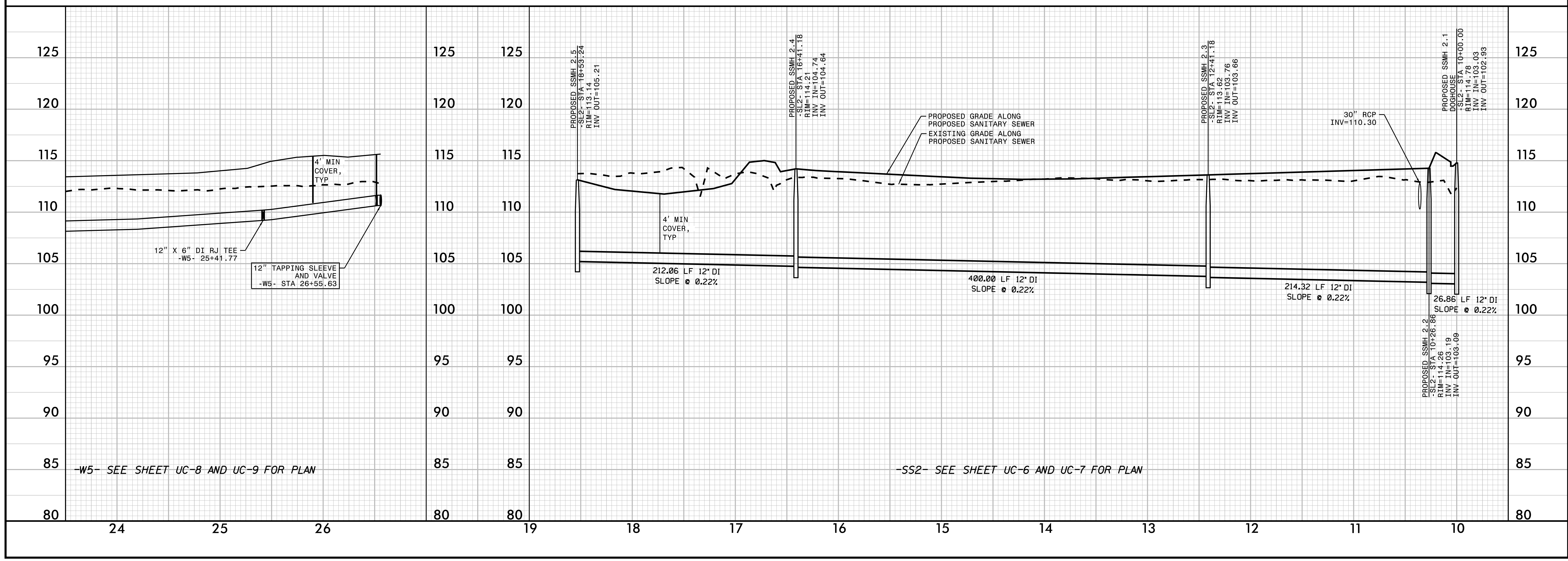
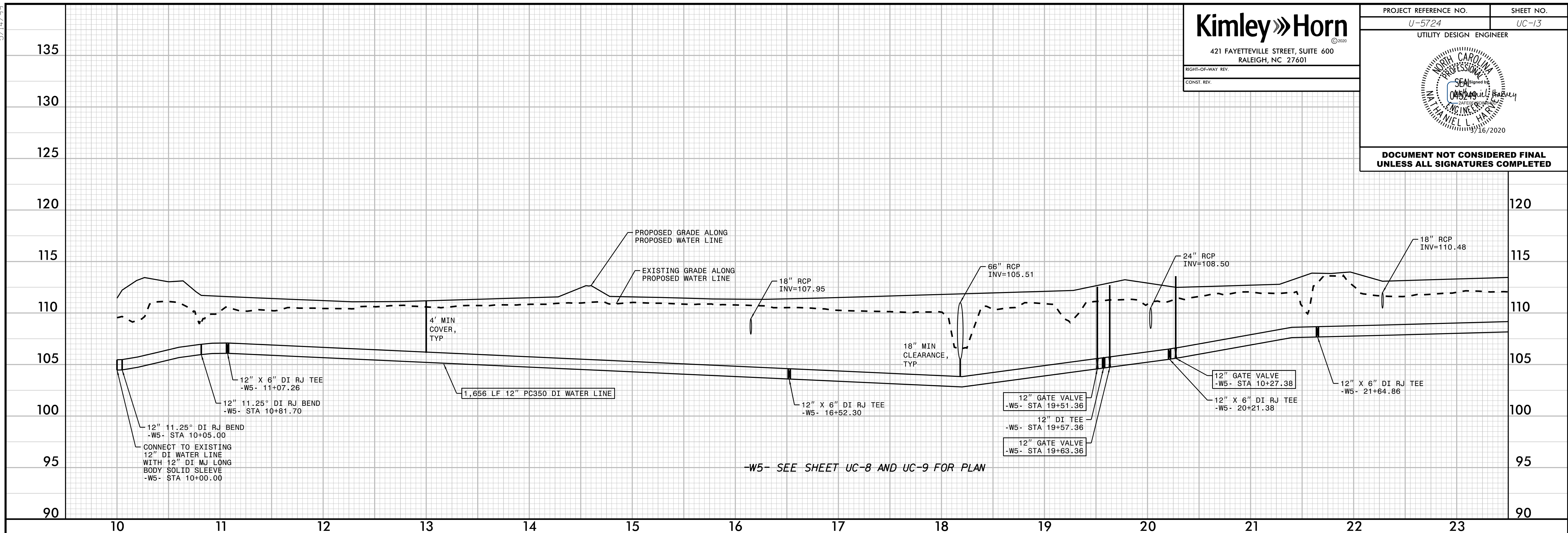
| | |
|--|--------------------|
| PROJECT REFERENCE NO. U-5724 | SHEET NO. UC-12 |
| UTILITY DESIGN ENGINEER | |
| | |
| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | |



5/14/20

Kimley Horn
 421 FAYETTEVILLE STREET, SUITE 600
 RALEIGH, NC 27601


| | |
|--|--------------------|
| PROJECT REFERENCE NO. U-5724 | SHEET NO. UC-13 |
| UTILITY DESIGN ENGINEER | |
| | |
| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | |



5/14/99

Kimley»Horn
 ©2000
 421 FAYETTEVILLE STREET, SUITE 600
 RALEIGH, NC 27601

RIGHT-OF-WAY REV.
 CONST. REV.

| | |
|---|--------------------|
| PROJECT REFERENCE NO. U-5724 | SHEET NO. UC-14 |
| UTILITY DESIGN ENGINEER | |
|  | |
| <p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p> | |

