

Kimley»Horn
 421 FAYETTEVILLE ST, SUITE 600
 RALEIGH, N.C. 27601

PROJECT REFERENCE NO. P-5720
 SHEET NO. UC-4

DESIGNED BY: DGB
 DRAWN BY: DGB
 CHECKED BY: ZGP
 APPROVED BY: NDR

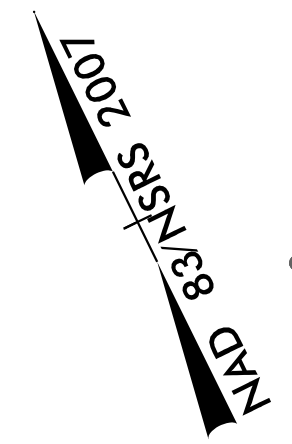
REVISED:

NORTH CAROLINA
 DEPARTMENT OF
 TRANSPORTATION

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

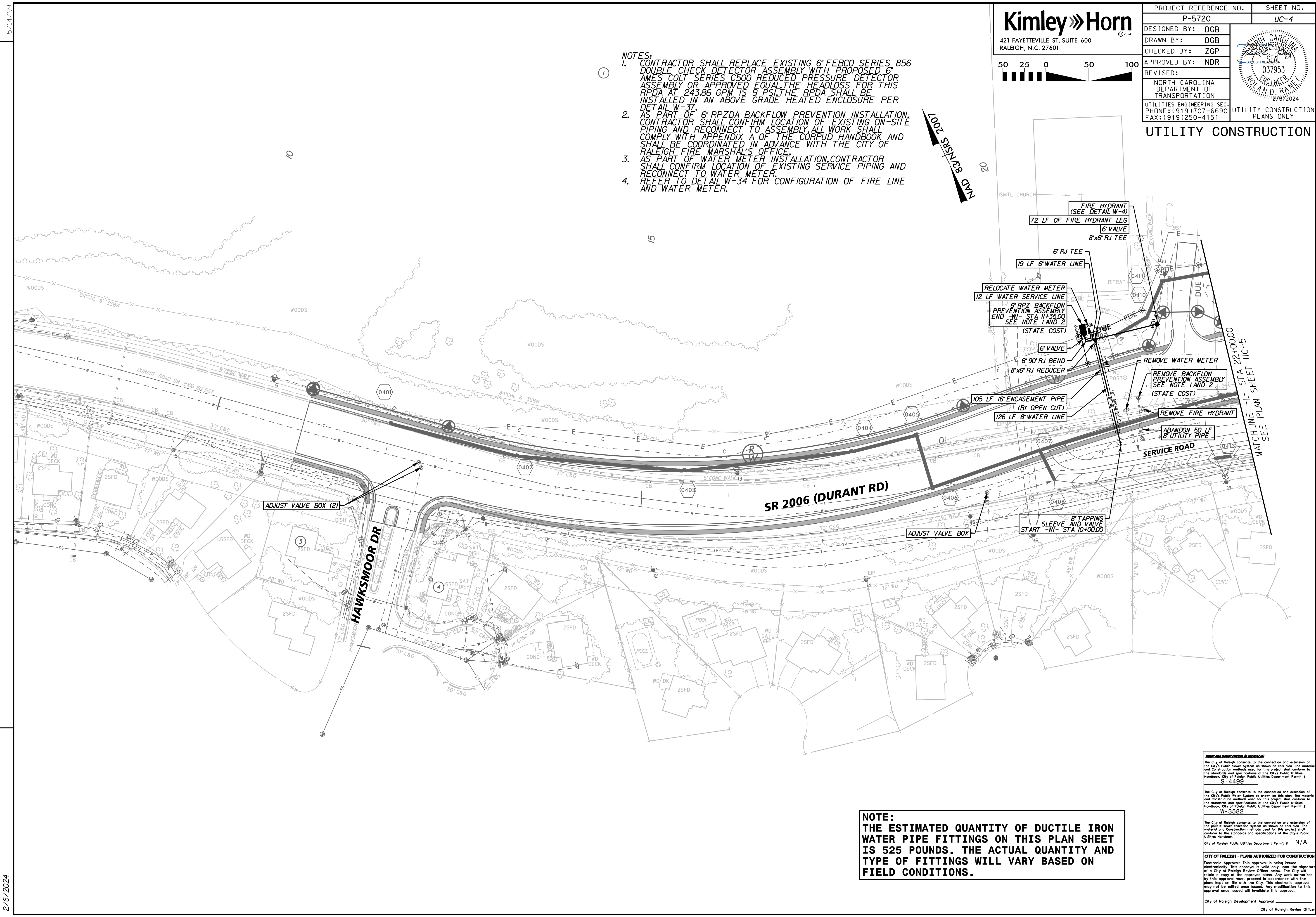
UTILITY CONSTRUCTION
 PLANS ONLY

037953
 12/18/2024
 NO. AN D. RAINY



- NOTES:
- CONTRACTOR SHALL REPLACE EXISTING 6" FEBCO SERIES 856 DOUBLE CHECK DETECTOR ASSEMBLY WITH PROPOSED 6" AMES COLT SERIES C500 REDUCED PRESSURE DETECTOR ASSEMBLY OR APPROVED EQUAL. THE HEADLOSS FOR THIS RPDA AT 243.86 GPM IS 9 PSI. THE RPDA SHALL BE INSTALLED IN AN ABOVE GRADE HEATED ENCLOSURE PER DETAIL W-37.
 - AS PART OF 6" RPZDA BACKFLOW PREVENTION INSTALLATION, CONTRACTOR SHALL CONFIRM LOCATION OF EXISTING ON-SITE PIPING AND RECONNECT TO ASSEMBLY. ALL WORK SHALL COMPLY WITH APPENDIX A OF THE CORPUS HANDBOOK AND SHALL BE COORDINATED IN ADVANCE WITH THE CITY OF RALEIGH FIRE MARSHAL'S OFFICE.
 - AS PART OF WATER METER INSTALLATION, CONTRACTOR SHALL CONFIRM LOCATION OF EXISTING SERVICE PIPING AND RECONNECT TO WATER METER.
 - REFER TO DETAIL W-34 FOR CONFIGURATION OF FIRE LINE AND WATER METER.

REVISIONS



NOTE:
 THE ESTIMATED QUANTITY OF DUCTILE IRON WATER PIPE FITTINGS ON THIS PLAN SHEET IS 525 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

(Water and Sewer Permits if available)

The City of Raleigh consents to the connection and extension of the City's Public Sewer System as shown on this plan. The material and Construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook. City of Raleigh Public Utilities Department Permit # S-4499

The City of Raleigh consents to the connection and extension of the City's Public Water System as shown on this plan. The material and Construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook. City of Raleigh Public Utilities Department Permit # W-3582

The City of Raleigh consents to the connection and extension of the private sewer collection system as shown on this plan. The material and Construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook. City of Raleigh Public Utilities Department Permit # N/A

CITY OF RALEIGH - PLANS AUTHORIZED FOR CONSTRUCTION
 Electronic Approval: This approval is being issued electronically. This approval is valid only upon the signature of a City of Raleigh Review Officer below. The City will retain a copy of the approved plans. Any work authorized by this approval must proceed in accordance with the plans kept on file with the City. This electronic approval may not be edited once issued. Any modification to this approval once issued will invalidate this approval.

City of Raleigh Development Approval _____
 City of Raleigh Review Officer _____