

CAPE FEAR PUBLIC UTILITY AUTHORITY STANDARD NOTES:

ALITHORITY (CEPLIA) WATER DISTRIB

1. ALL PROPOSED ADDITIONS TO THE CAPE FEAR PUBLIC UTILITY

SEWER COLLECTION SYSTEMS, AS SHOWN AND SPECIFIED

TO STATE RULES AND THE CFPUA'S MINIMUM TECHNICAL

CONTAINED IN THE CURRENT DESIGN GUIDANCE MANUAL,

FOR CONSTRUCTION, AND STANDARD DRAWING DETAILS.

3. WATER AND SEWER SERVICES SHALL BE PERPENDICULAR TO

PERPENDICULAR, OR MUST ORIGINATE IN END OF LINE

MANHOLE AND TERMINATE 18" INSIDE RIGHT-OF-WAY LINE.

4. ALL SEWER SERVICES CONNECTING INTO DUCTILE IRON MAINS

2. SEWER GUARDS REQUIRED AT ALL MANHOLES. STAINLESS

SERVICES IN CUL-DE-SACS ARE REQUIRED TO BE

5. MINIMUM 10' UTILITIES EASEMENT PROVIDED ALONG THE

FRONTAGE OF ALL LOTS AND AS SHOWN FOR NEW

SERVICES SHALL BE DISCONNECTED FROM MAIN.

11. A MINIMUM OF 10' OF MAIN LINE, 5' UPSTREAM AND 5'

ALL STAINLESS STEEL FASTENERS SHALL BE TYPE 316.

8. CLEANOUTS SHALL BE LOCATED A MINIMUM OF 6 FEET FROM

9. WATER METER BOXES ARE TO BE A MINIMUM OF 5 FEET FROM

10. UNUSED SERVICES SHALL BE ABANDONED. ABANDONED WATER

DOWNSTREAM SHALL BE REPLACED FOR NEW SEWER SERVICE

CONNECTIONS TO EXISTING CLAY GRAVITY SEWER MAINS.

12. A MINIMUM OF 20' OF MAIN LINE, 10' UPSTREAM AND 10'

DOWNSTREAM SHALL BE REPLACED FOR NEW CUT IN

MANHOLES ON EXISTING CLAY GRAVITY SEWER MAINS

13. PROVIDE A MINIMUM DISTANCE OF SIX (6) INCHES BETWEEN

EDGE OF MANHOLE CORE HOLES AND MANHOLE BARREL

JOINTS. PROVIDE A MINIMUM DISTANCE OF SIX (6) INCHES

14. WATER MAIN AND FORCE MAIN PIPE INSTALLED BY OPEN CUT

INSTALLED AT A MINIMUM OF CROWN TO CROWN OF THE

Stewardship. Sustainability. Service

15. ALL MANHOLE MAIN LINE AND SERVICE PIPING TO BE

SHALL BE BURIED AT A MINIMUM OF THREE (3) FEET AND A

MAXIMUM OF FIVE (5) FEET BELOW FINISHED GRADE. DEPTHS

GREATER THAN FIVE (5) FEET MUST BE APPROVED BY CFPUA.

BETWEEN EDGES OF CORE HOLES. CORING THE MANHOLE CONE

SHALL ALSO BE CONSTRUCTED OF DIP.

6. NO FLEXIBLE COUPLINGS SHALL BE USED.

DEVELOPMENTS.

ALL PROPERTY CORNERS.

THE PROPERTY CORNER.

IS NOT PERMITTED

CFPUA DETAIL DATE

01/01/2021

STANDARD NOTES

(REQUIRED ON ALL PLAN AND PROFILE SHEETS)

SCALE: NOT TO SCALE

LARGEST DIAMETER PIPE.

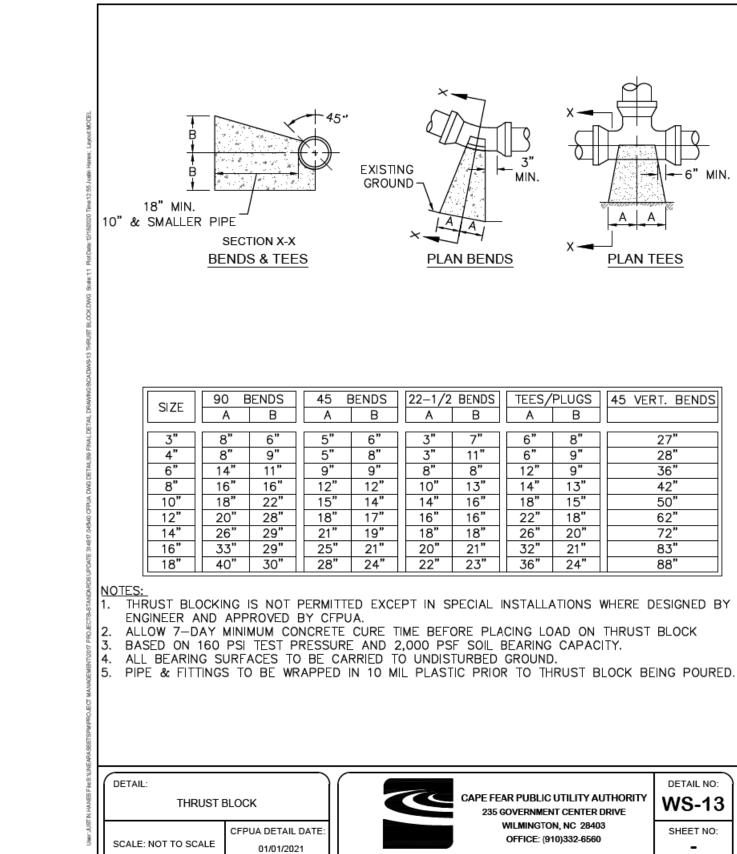
HEREIN, SHALL BE DESIGNED AND CONSTRUCTED TO CONFORM

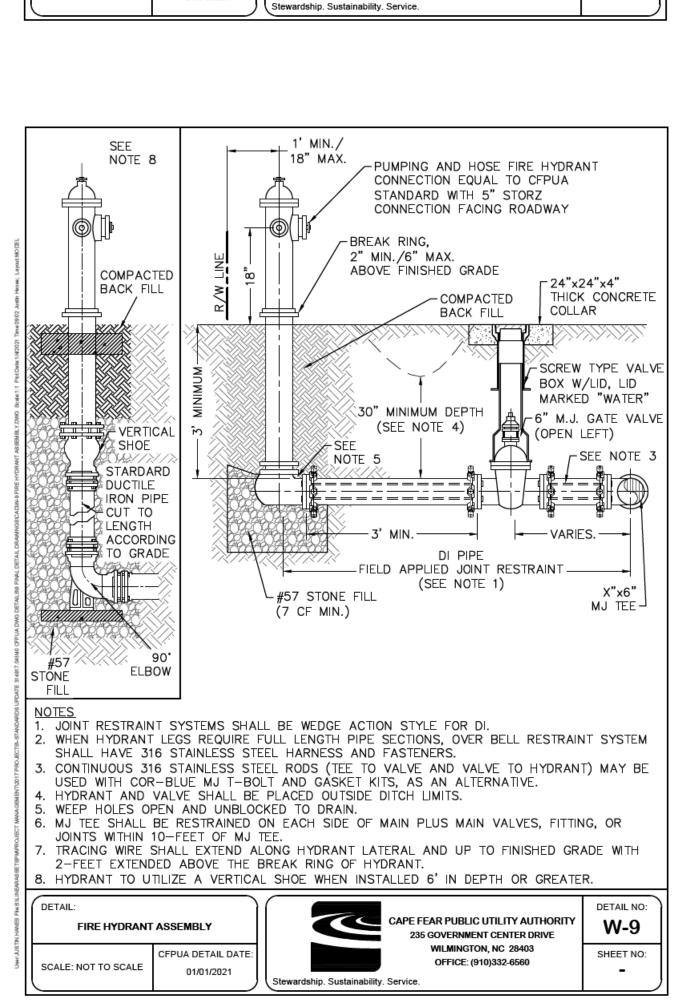
STANDARDS. THE CFPUA MINIMUM TECHNICAL STANDARDS ARE

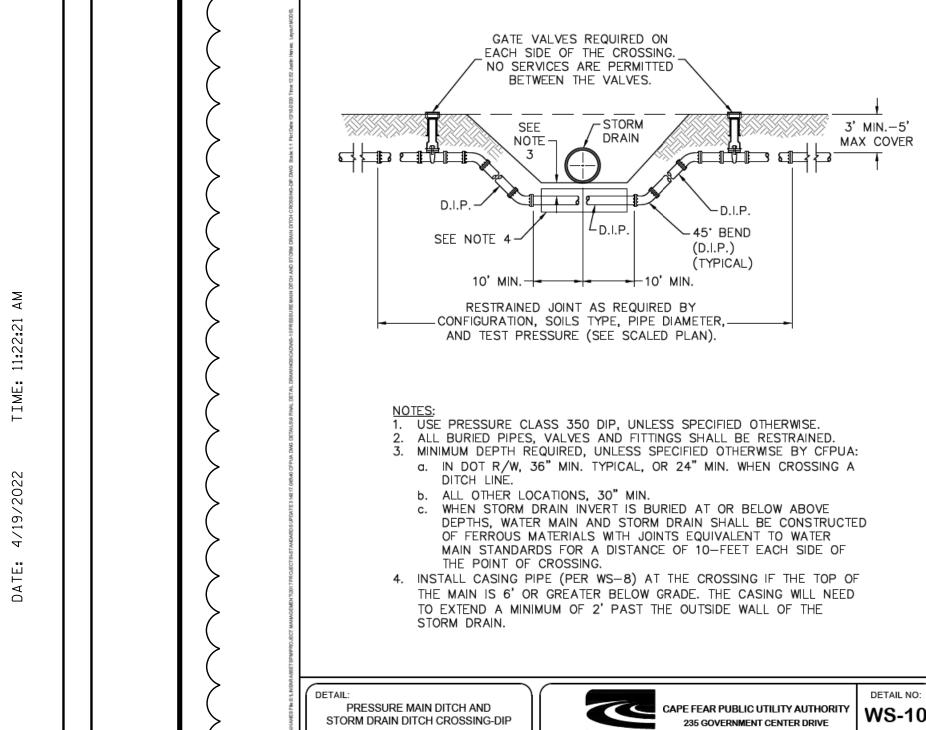
MATERIAL SPECIFICATION MANUAL, TECHNICAL SPECIFICATIONS

STEEL SEWER GUARDS REQUIRED AT MANHOLES LOCATED IN

MAIN AND TERMINATE 18" INSIDE RIGHT-OF-WAY LINE. SEWER







FPUA DETAIL DATE

01/01/2021

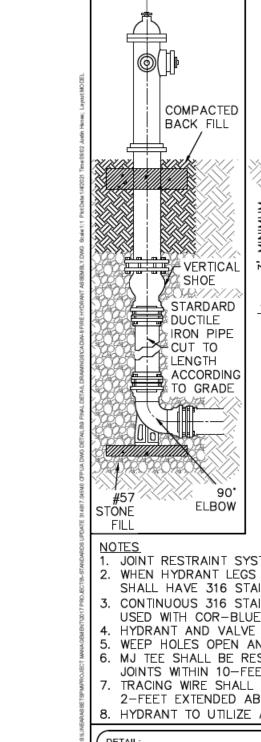
SCALE: NOT TO SCALE

WILMINGTON, NC 28403

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tewardship. Sustainability. Service.

SHEET NO:



UTILITY CONSTRUCTION

HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601

N.C.B.E.L.S. License Number: F-0116

PROJECT REFERENCE NO.

U-5710A

KSR

PHONE: (919)707-6690 UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

DESIGNED BY: MWW

REVISED: 4/23/2[,]

NORTH CAROLINA

TRANSPORTATION

ITILITIES ENGINEERING SEC

FAX:(919)250-4151

DEPARTMENT OF

DRAWN BY:

CHECKED BY:

APPROVED BY:

SHEET NO.

UC-3A

CARO

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SEAL

Matthew Watt

4/21/2022

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LHEW W. NP

PLANS ONLY

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