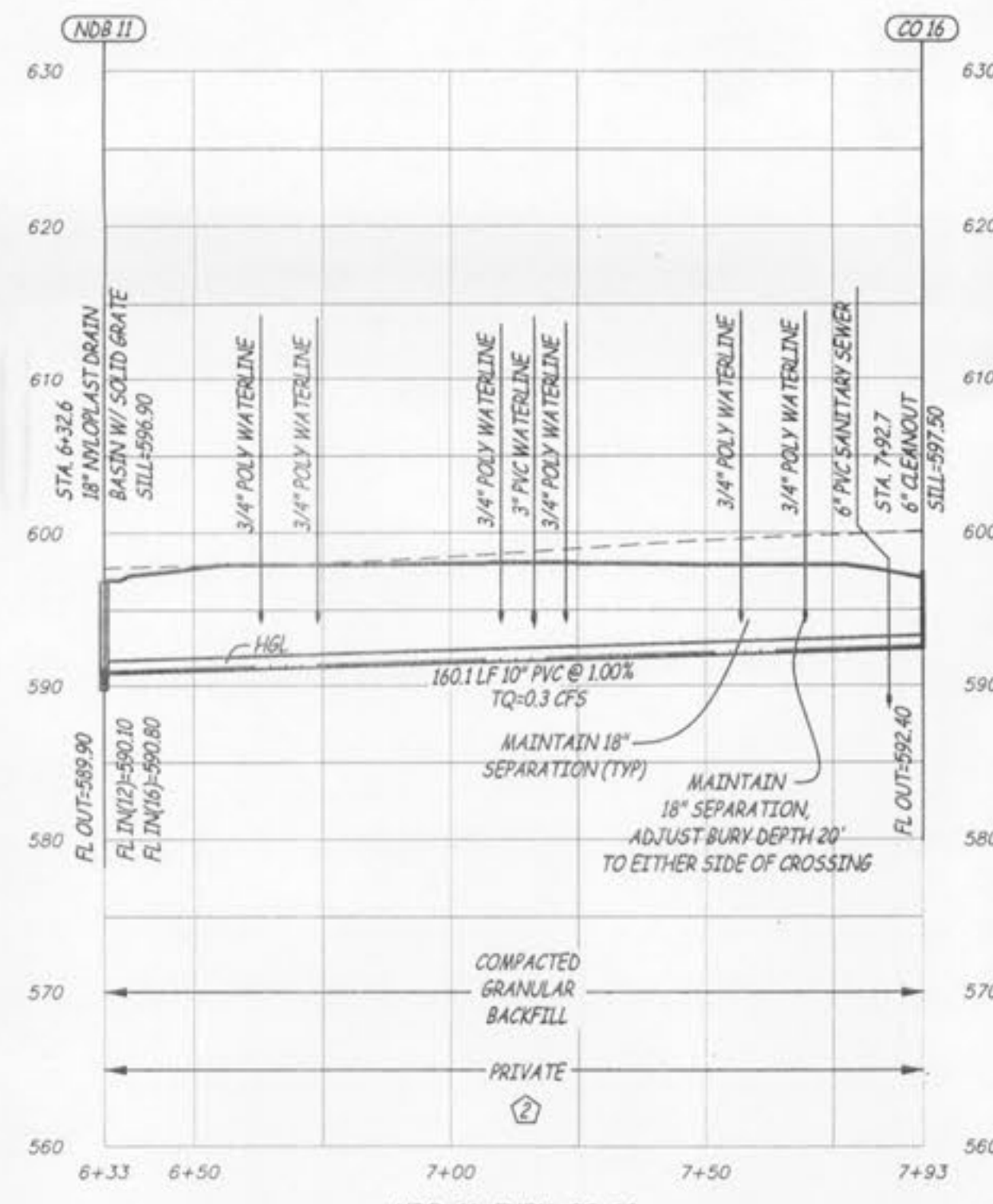
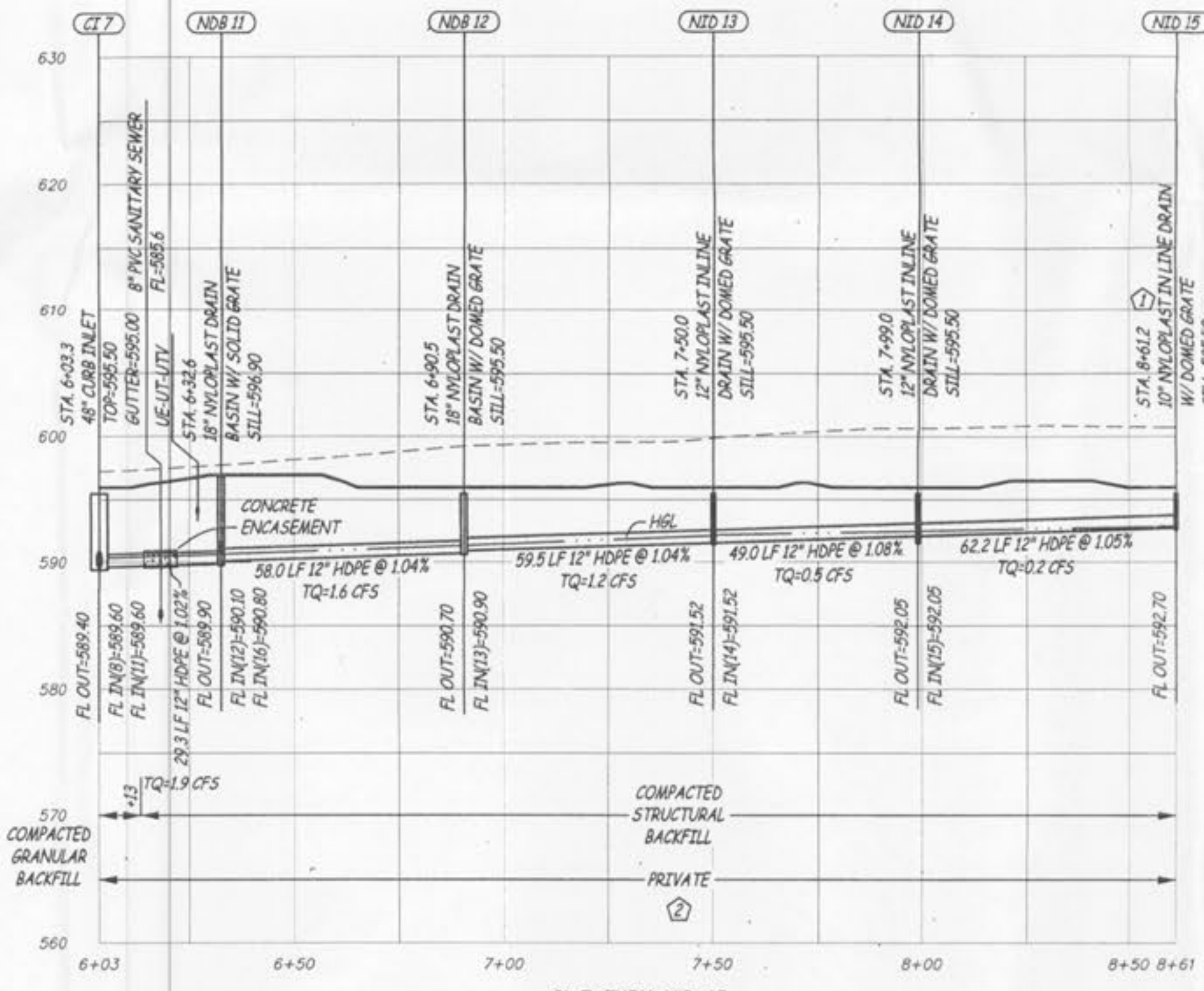


EXISTING MANHOLE THRU CI 8
SCALE - HORIZ. 1" = 30'
VERT. 1" = 10'

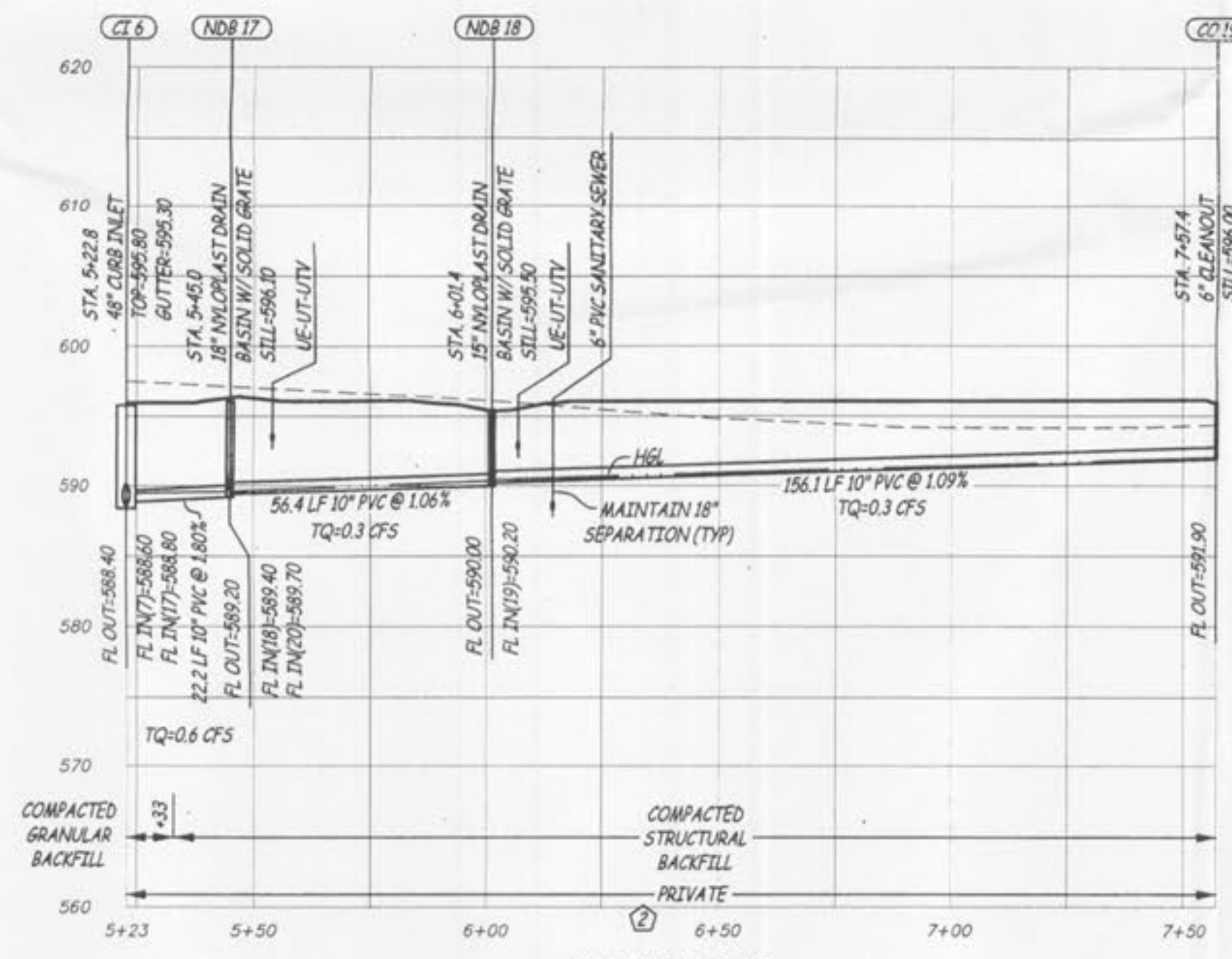
A CONCRETE CRADLE FOR RCP AND ENCASMENT FOR HDPE WILL BE REQUIRED FOR ALL STORM SEWER LINES WHEN CROSSING MORE THAN 18" ABOVE SANITARY LINES.



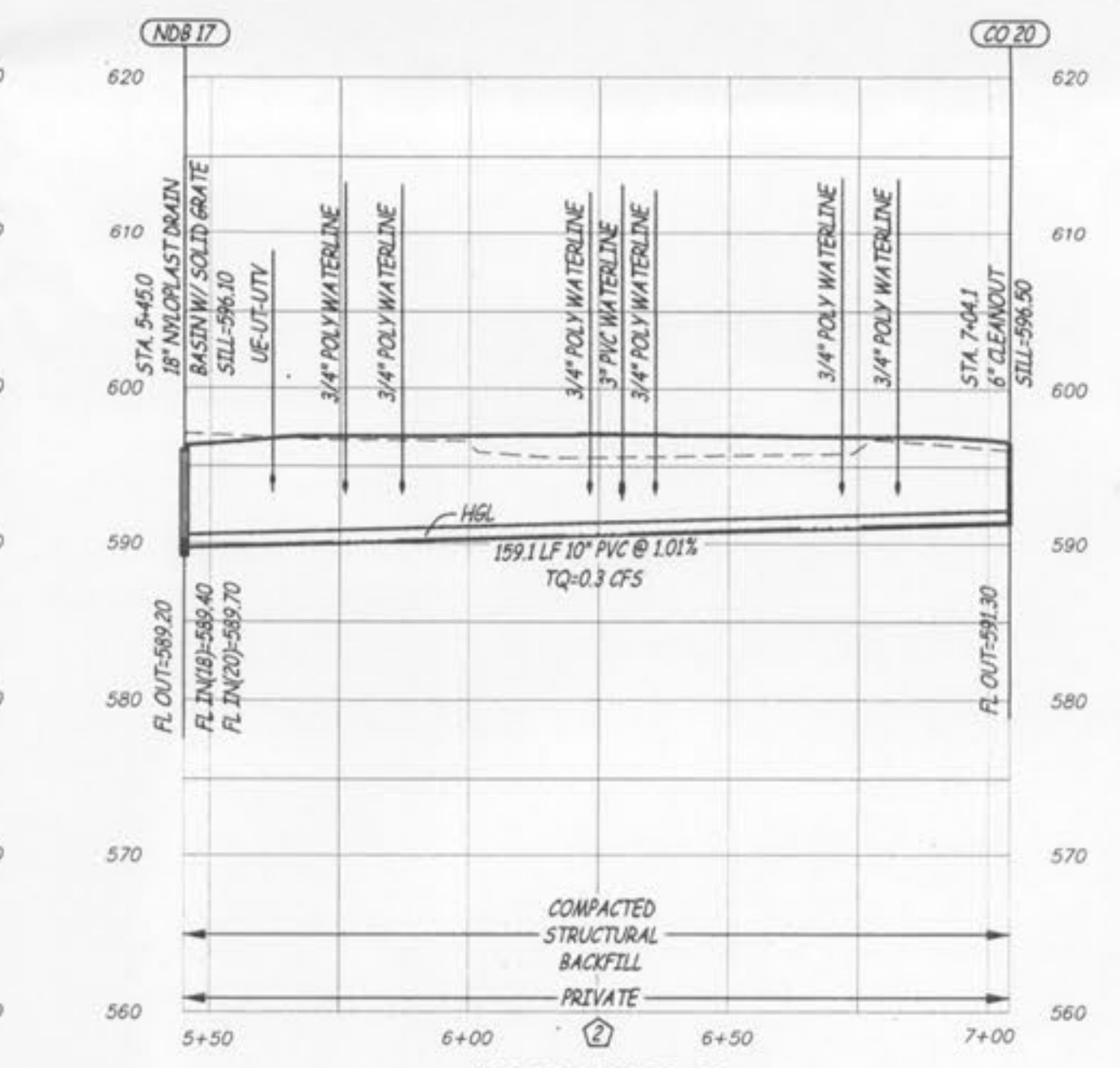
NDB 11 THRU CO 16
SCALE - HORIZ. 1" = 30'
VERT. 1" = 10'



CI 7 THRU NDB 15
SCALE - HORIZ. 1" = 30'
VERT. 1" = 10'



CI 6 THRU CO 19
SCALE - HORIZ. 1" = 30'
VERT. 1" = 10'



NDB 17 THRU CO 20
SCALE - HORIZ. 1" = 30'
VERT. 1" = 10'

A CONCRETE CRADLE FOR RCP AND ENCASMENT FOR HDPE WILL BE REQUIRED FOR ALL STORM SEWER LINES WHEN CROSSING MORE THAN 18" ABOVE SANITARY LINES.

PROVIDE A MARKING ON THE STORM SEWER INLETS. THE CITY WILL ALLOW THE FOLLOWING MARKERS AND ADHESIVE PROCEDURES ONLY AS SHOWN IN THE TABLE BELOW OR AN APPROVED EQUAL BY ALMETEX INDUSTRIES. "PEEL AND STICK" ADHESIVE PADS WILL NOT BE ALLOWED.

MANUFACTURER	SIZE	ADHESIVE	STYLE	MESSAGE	WEBSITE
ACP INTERNATIONAL	3 7/8"	EPOXY	CRYSTAL CAP	"NO DUMPING DRAINS TO WATERWAYS" (SD-W-CO)	WWW.ACPINTERNATIONAL.COM
DAS MANUFACTURING, INC.	4"	EPOXY	STANDARD STYLE	"NO DUMPING DRAINS TO STREAM" (#SDS)	WWW.DASMANUFACTURING.COM

REVISION NOTE:

1. NDB 15 & 24 REVISED TO 10" NID
2. EXTENDED EX. CB THRU CI 8 TO INCLUDE THE NEXT 2 DOWNSTREAM MANHOLES
3. ADDED "PUBLIC" AND/OR "PRIVATE" NOTES TO ALL STORM SEWER PROFILES
4. MOVED PROFILE FOR MH4 THRU CO 26A TO ANOTHER SHEET
5. REVISED "PUBLIC" LINE ON "EXISTING MANHOLE THRU CI 8" PROFILE
6. RELOCATED WATERLINE ALONG WOODLAWN AVENUE

NOTE:

1. ENGINEERING SURVEYS & SERVICES SHALL APPROVE ALL INLET GRATE ALTERNATES.
2. HDPE PIPE IS TO BE N-12WT OR EQUAL AND TO MEET ASTM F1417 WATERTIGHT FIELD TEST.

PLANNING & DEVELOPMENT #1804.B APPROVED AUGUST 6, 2009

STORM SEWER PROFILES

WOODBURY PLACE

ST. CHARLES COUNTY, OTTAWA, MISSOURI

Engineering Surveys & Services

1113 Fay Street
Columbia, Missouri
573-449-2646

Missouri Engineering Corporation # 2004005918

Surveyed: -
Drawn: JCB
Checked: TOC/MK

Scale: 1" = 30' HORIZ
1" = 10' VERT

Date: DECEMBER 7, 2009

Job: 11354

Sheet: C106

Revised:
19 JAN. 2010
3 MAR. 2010
2 APR. 2010
21 JUNE 2010

MATTHEW A. KRIETE
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PE-2007002811