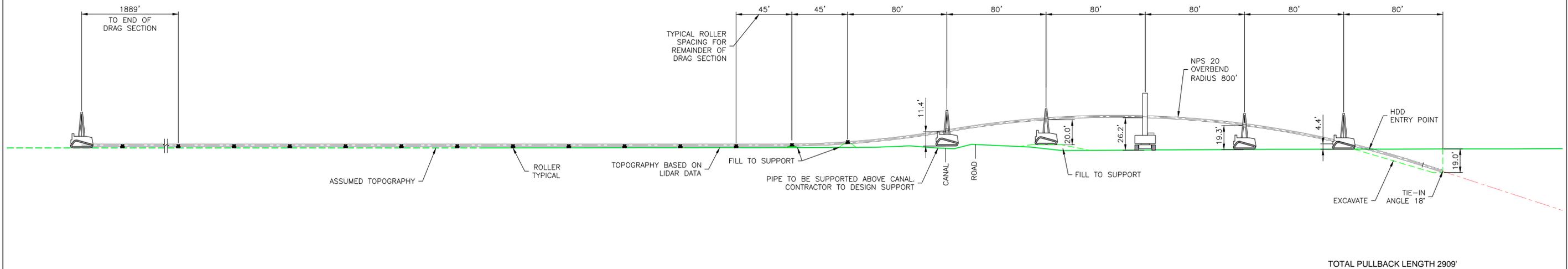


**PULLBACK PLAN VIEW**  
SCALE 1"=150'



**PULLBACK DETAIL**  
SCALE 1"=40' HORIZONTAL  
SCALE 1"=40' VERTICAL

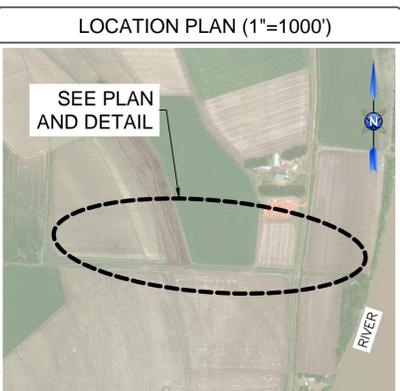
REFERENCE DOCUMENT NO.	DATE
1. BASEMAP	2019-11-06
2. STEEL STRESS	2020-05-01

ISSUED FOR INFORMATION

PIPELINE SPECIFICATIONS	
OUTSIDE DIAMETER (OD)(in)	NPS 20
WALL THICKNESS (WT)(in)	0.75
GRADE	X60
PRODUCT	NATURAL GAS
MATERIAL	STEEL
SPECIFICATIONS	API 5L
INTERNAL COATING	N/A
OUTER COATING	DUAL FBE & ARO
MAX. OPER. PRESSURE (psi)	1,480
MIN. TEST PRESSURE (psi)	1,850
MAX. OPER. TEMP (°F)	120
MIN. INSTALLATION TEMP (°F)	23

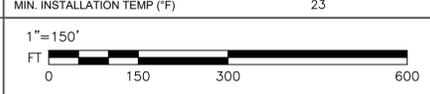
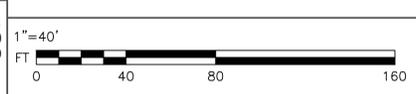
PULL FORCE / RIG SIZE / STRESS							
PULL FORCE:						198,000 lbs (w/sf)	
MINIMUM RECOMMENDED RIG SIZE:						330,000 lbs	

DRAWING STATUS	DATE	DRN	CHK	DES	GEO	APR	CR



COMPANY PIPELINE PROJECT  
RIVER HDD CROSSING  
PULLBACK PLAN VIEW AND DETAIL - NPS 20  
COUNTY, STATE

**CCI & Associates Inc.**  
20445 State Highway 249, Suite 250  
Houston, TX 77070



ISSUED FOR INFORMATION      2020-05-01      TL      PL      GB      RK      JT      TM

SCALE AS SHOWN	DWG. # XXXX-EG-0102	REVISION A	SHEET 2 OF 3
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