

March 31, 2023

Department of Public Work – Stormwater Division
City of Norman, OK
201-A West Gray
Norman, OK 73069

Re: Floodplain Permit Application – Blending of Wells 5, 6, and 52 at the WTP

Dear Sir or Ma'am:

This letter is to certify that the proposed construction related to the City of Norman water line project WA0369 – Blending of Wells 5, 6, and 52 at the WTP will not increase the height of the 100-year flood (Base Flood Elevation) within Rock Creek where it crosses 36th Street NE, south of E. Robinson St. The Project includes installing an 8-inch PVC water line on the east side of 36th Street. The pipeline will be installed utilizing horizontal directional drilling methods where it crosses the floodplain. The attached Exhibit A and Plan C-5 detail the location of the proposed water line and floodplain limits. Any disturbance to the ground surface due to the installation of the boring pits (entry and exit) will be returned to the existing elevations.

Sincerely,

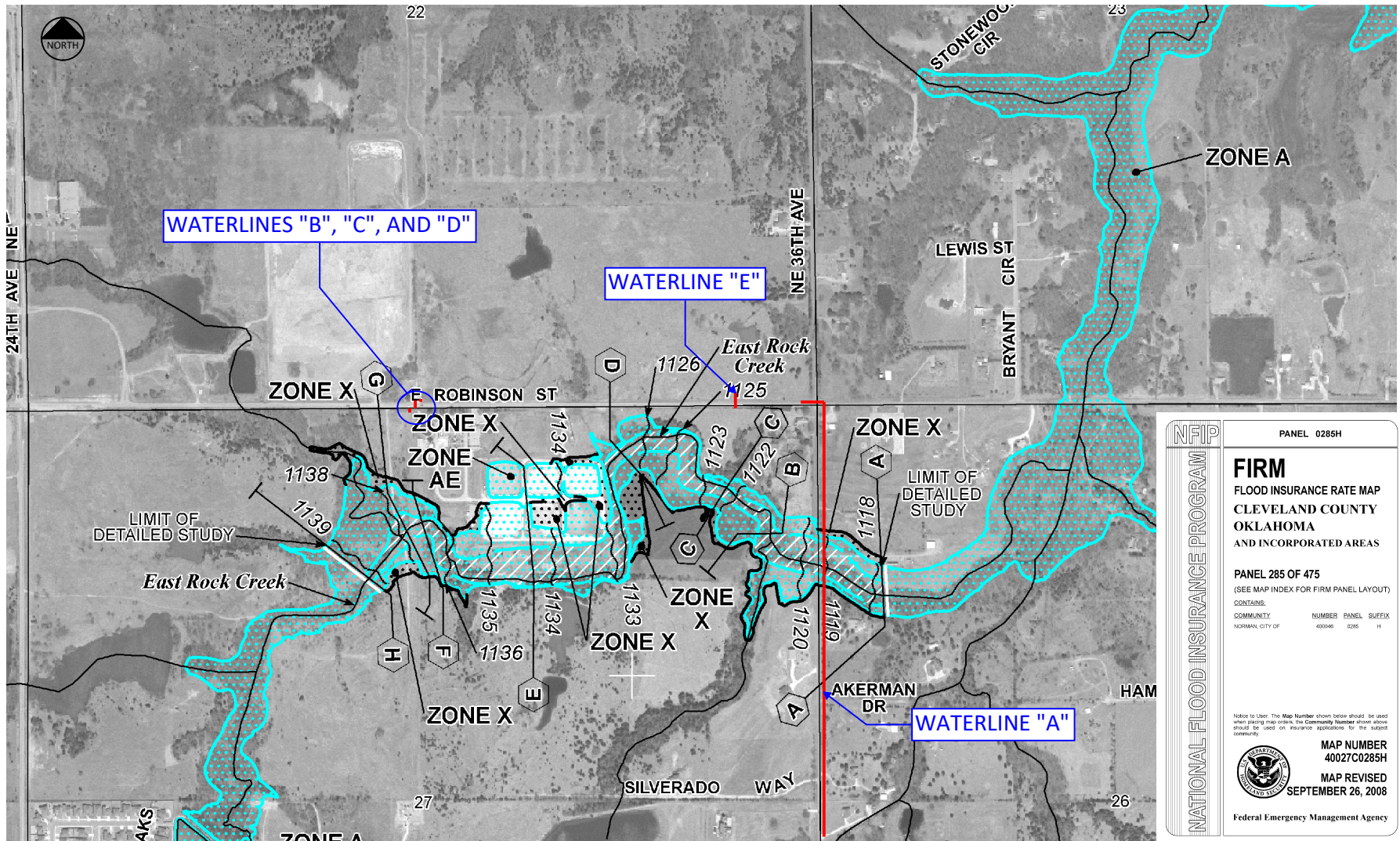


Meagan G. Brown, PE
Project Manager

cc: Rachel Croft, City of Norman

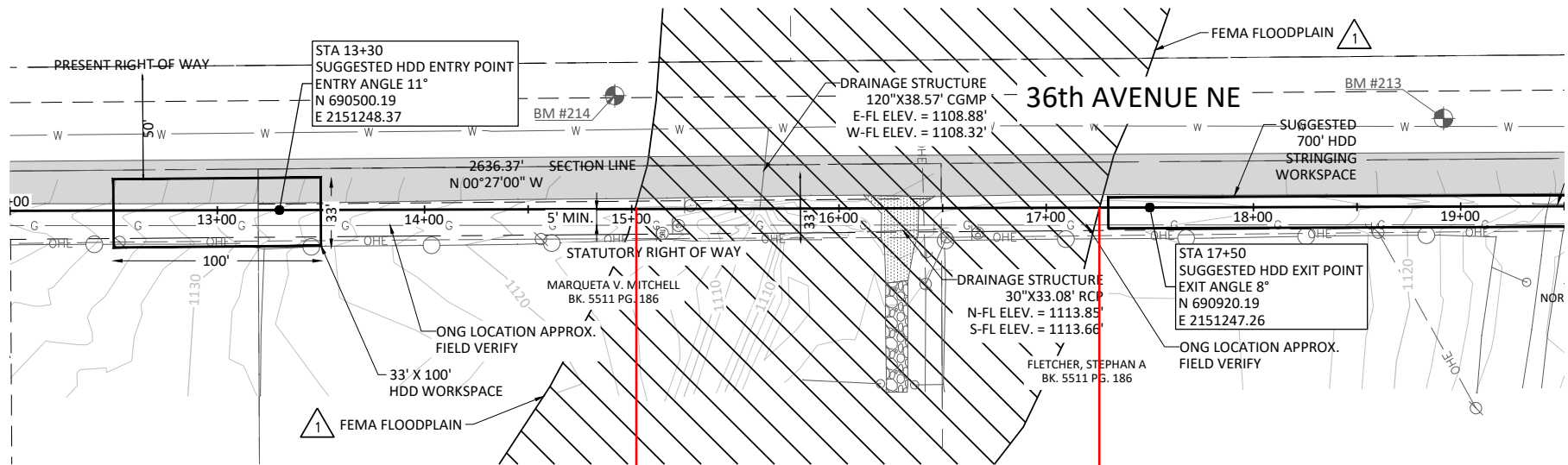
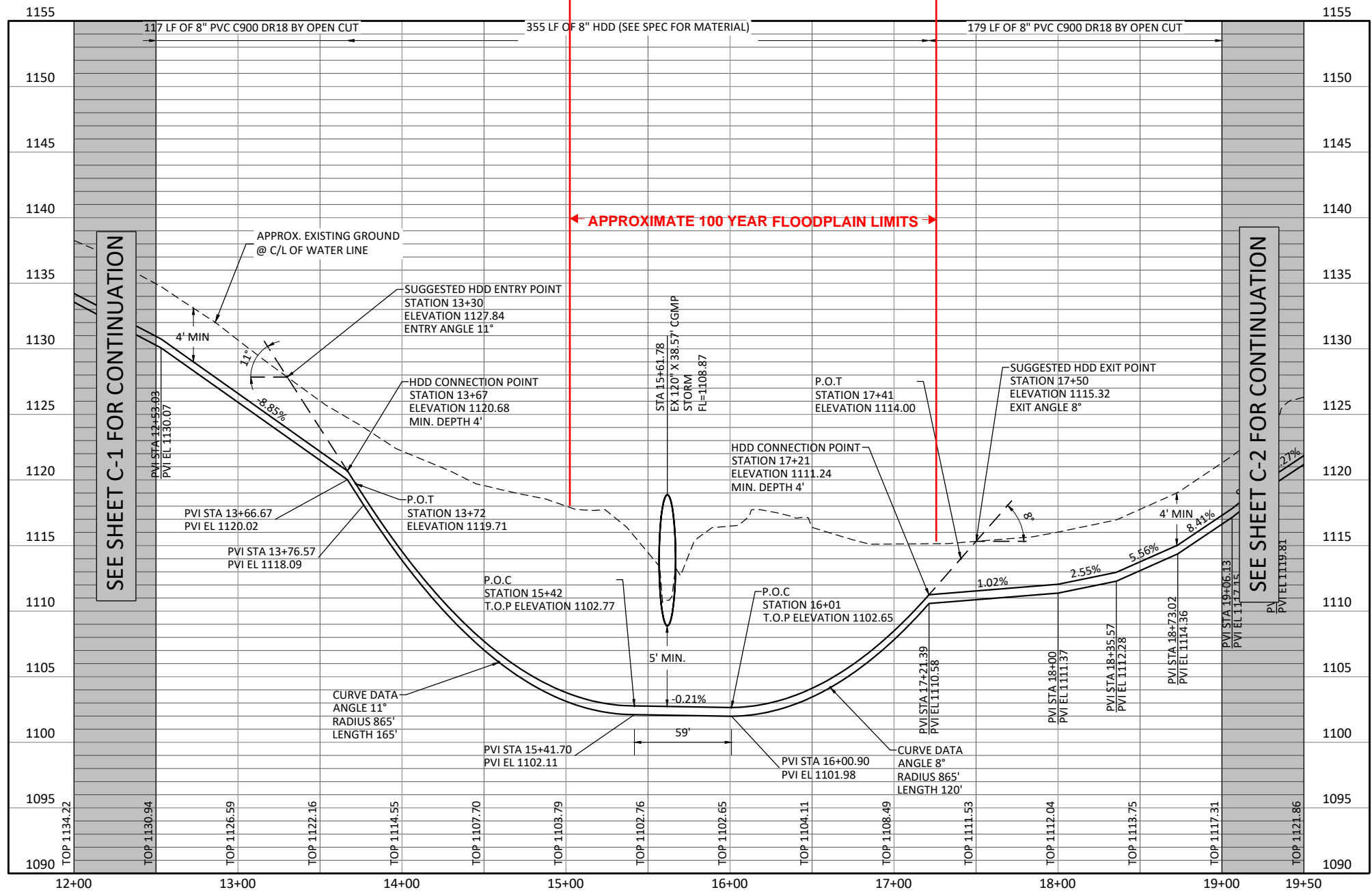
Attachments

EXHIBIT A: FEMA FLOODPLAIN FIRM MAP Site Plan

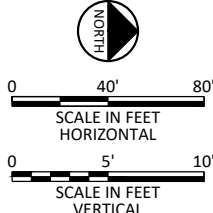


CITY OF NORMAN, OK - PROJECT WA0369: BLENDING OF WELLS 5, 6, AND 52 AT
THE WATER TREATMENT PLANT

ACAD Rel: 24.2s (IMS Tech)
Filename: N:\WTU\Drawings\CV-WAT-PP-WTRL01.dwg
Last Saved: 3/31/2023 10:35 AM Saved By: 03645



CAUTION!!!
EXISTING UNDERGROUND AND
OVERHEAD UTILITIES IN THE
AREA. 48 HOURS PRIOR TO
CONSTRUCTION CONTACT
1-800-522-OKIE



- NOTES:**
- UTILITIES IN THE AREA OF CONSTRUCTION ARE APPROXIMATE ONLY. THEY HAVE BEEN LOCATED FROM FIELD INVESTIGATION AND THE BEST AVAILABLE UTILITY RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, PROTECTION, AND REPAIR OF ALL UTILITIES ENCOUNTERED DURING CONSTRUCTION WHETHER SHOWN ON THESE PLANS OR NOT. THE CONTRACTOR SHALL CONTACT ALL RESPECTIVE UTILITIES AND HAVE UTILITIES FIELD LOCATED PRIOR TO CONSTRUCTION. IF ANY UNKNOWN SUBSURFACE STRUCTURES ARE ENCOUNTERED DURING CONSTRUCTION, IT SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CITY OF NORMAN ENGINEERING STAFF AND DESIGN ENGINEER PRIOR TO PROCEEDING.
 - DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS AT AND ADJACENT TO THE JOB, INCLUDING ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK.
 - THE HDD LAYOUT SHOWN ON THIS SHEET IS FOR GRAPHICAL REPRESENTATION ONLY AND SHALL BE VERIFIED BY THE CONTRACTOR THROUGH ADDITIONAL GEOTECHNICAL INVESTIGATION PRIOR TO CONSTRUCTION AT NO ADDITIONAL COST TO THE PROJECT.
 - CONTRACTOR SHALL VERIFY EXISTING GROUND ELEVATIONS PRIOR TO HDD DESIGN AND PRIOR TO PROCURING MATERIALS. ANY HDD DESIGN ADJUSTMENTS SHALL BE SUBMITTED FOR APPROVAL BY THE ENGINEER.



FREESE NICHOLS
3600 NW 138th St., Suite 202
Oklahoma City, OK 73134
Phone - (405) 607-7060
Web - www.freese.com
Certificate of Authorization: CA#511
Expiration Date: 06/30/2024

NORMAN UTILITIES AUTHORITY - WA0369
BLENDING OF WELLS 5, 6, AND 52 AT THE WTP
CIVIL
LINE 'A'
HDD PLAN AND PROFILE

NO.	ISSUE	DATE	BY	DATE	FILE NAME
1	FEMA FLOODPLAIN	3/31/23	MGB	3/31/23	CV-WAT-PP-WTRL01.dwg
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**ISSUED FOR
CONSTRUCTION**