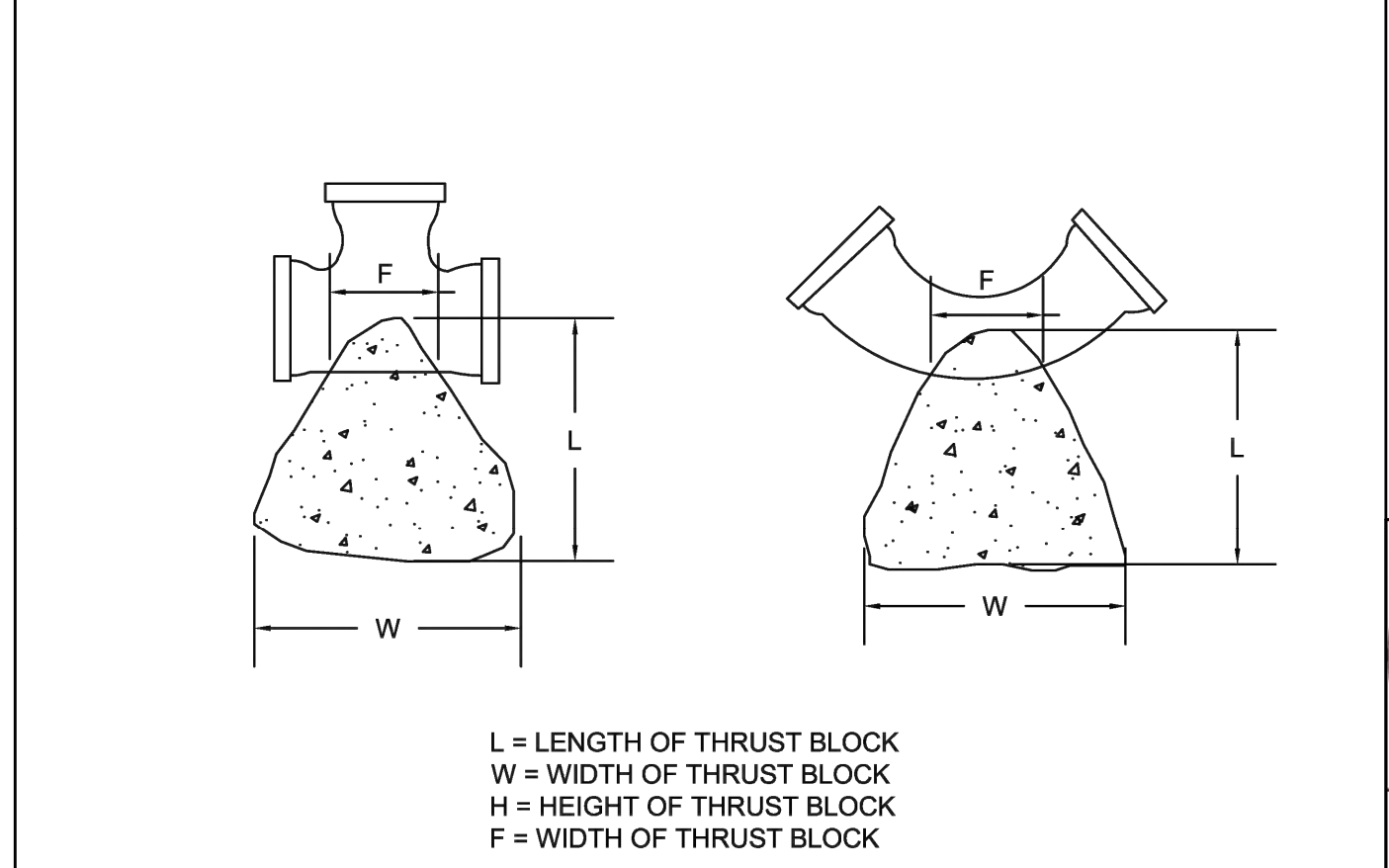


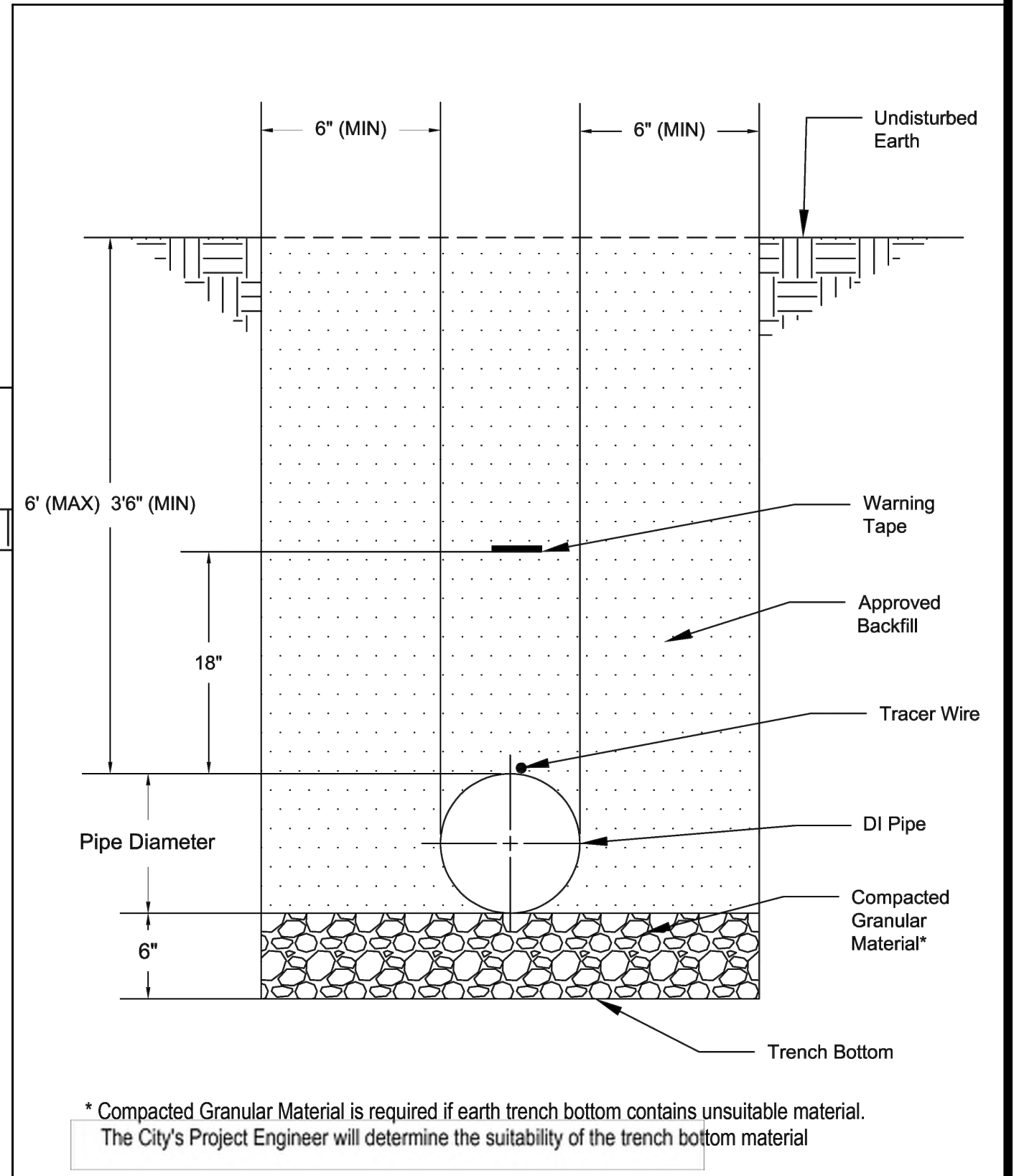
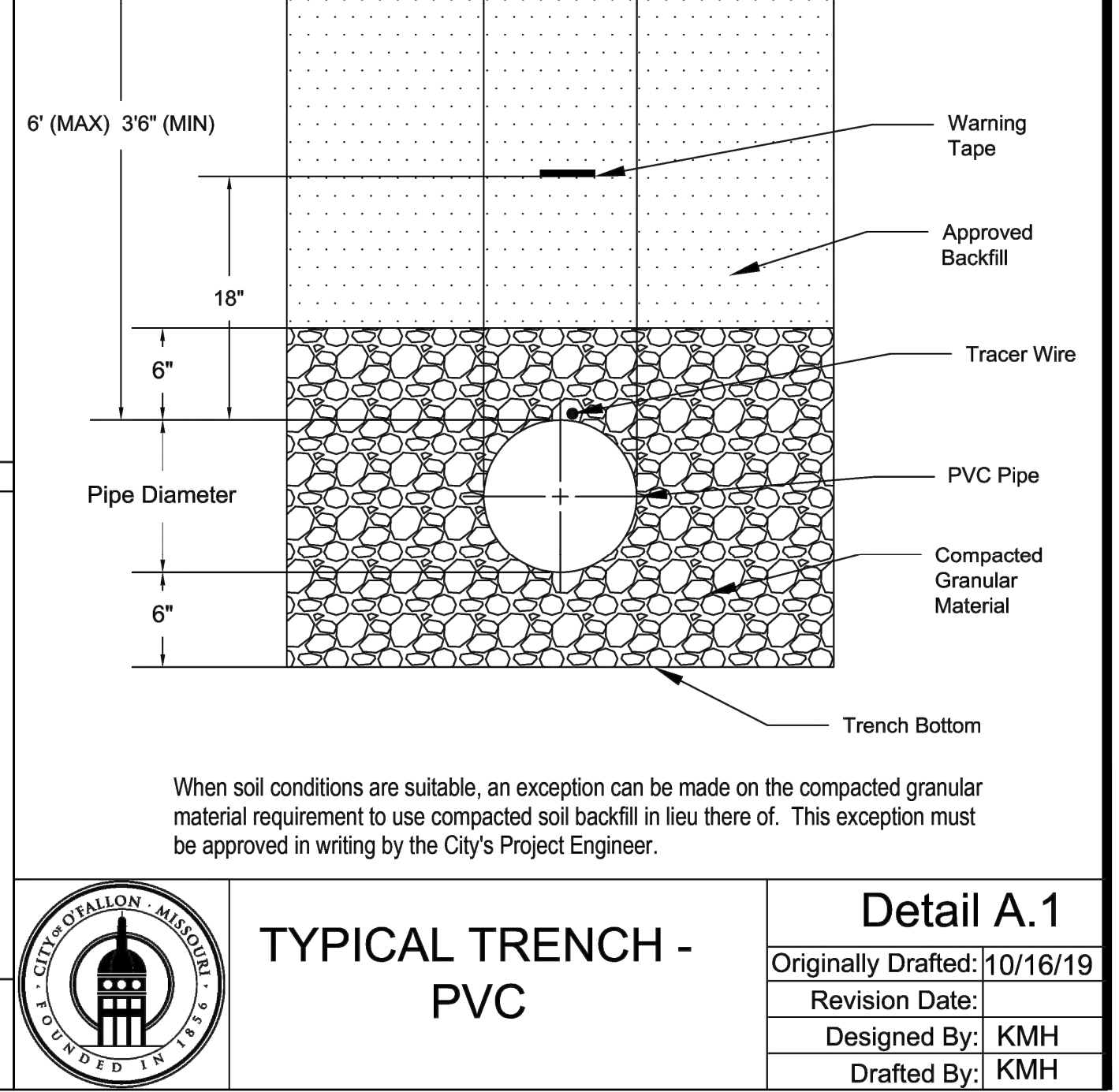
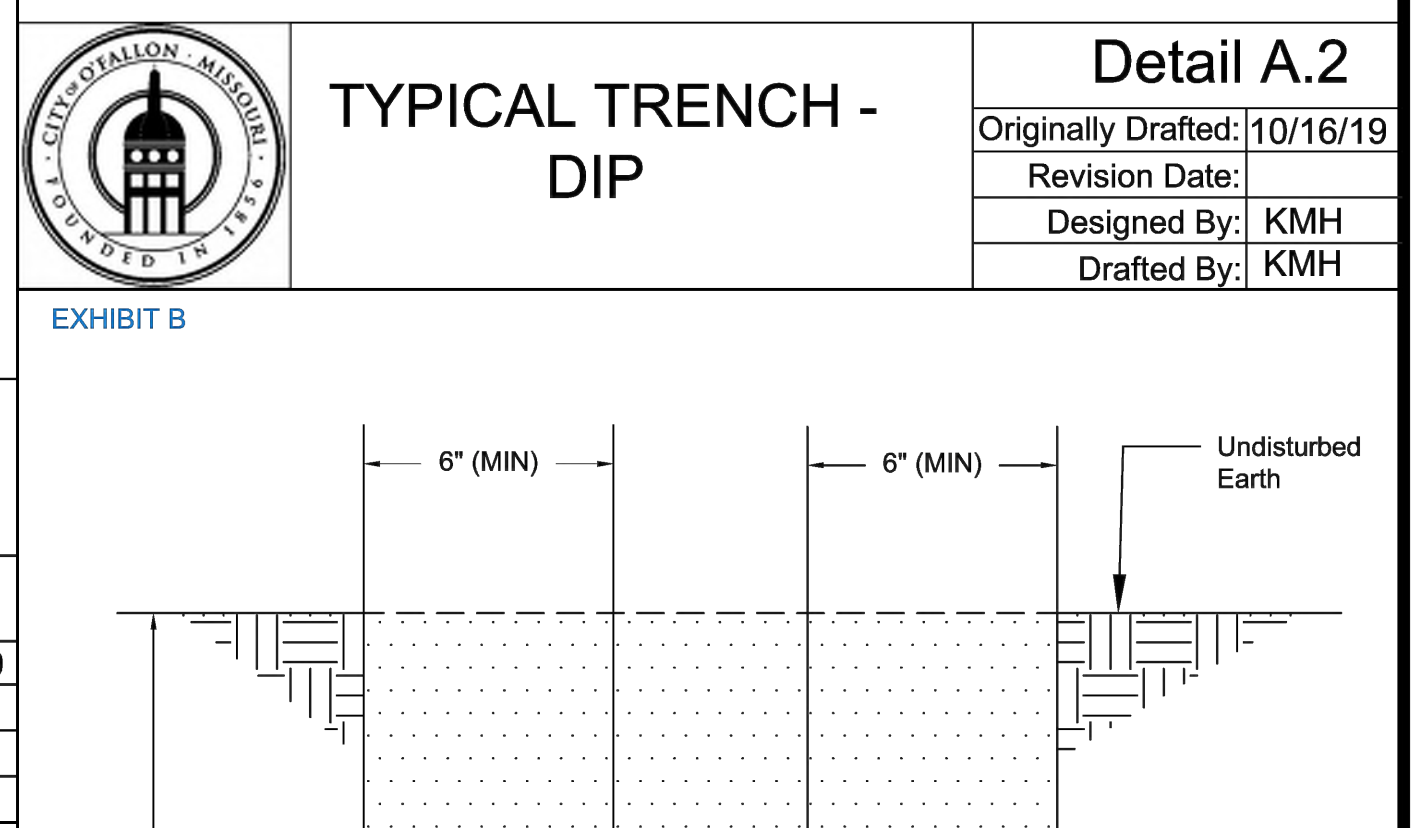
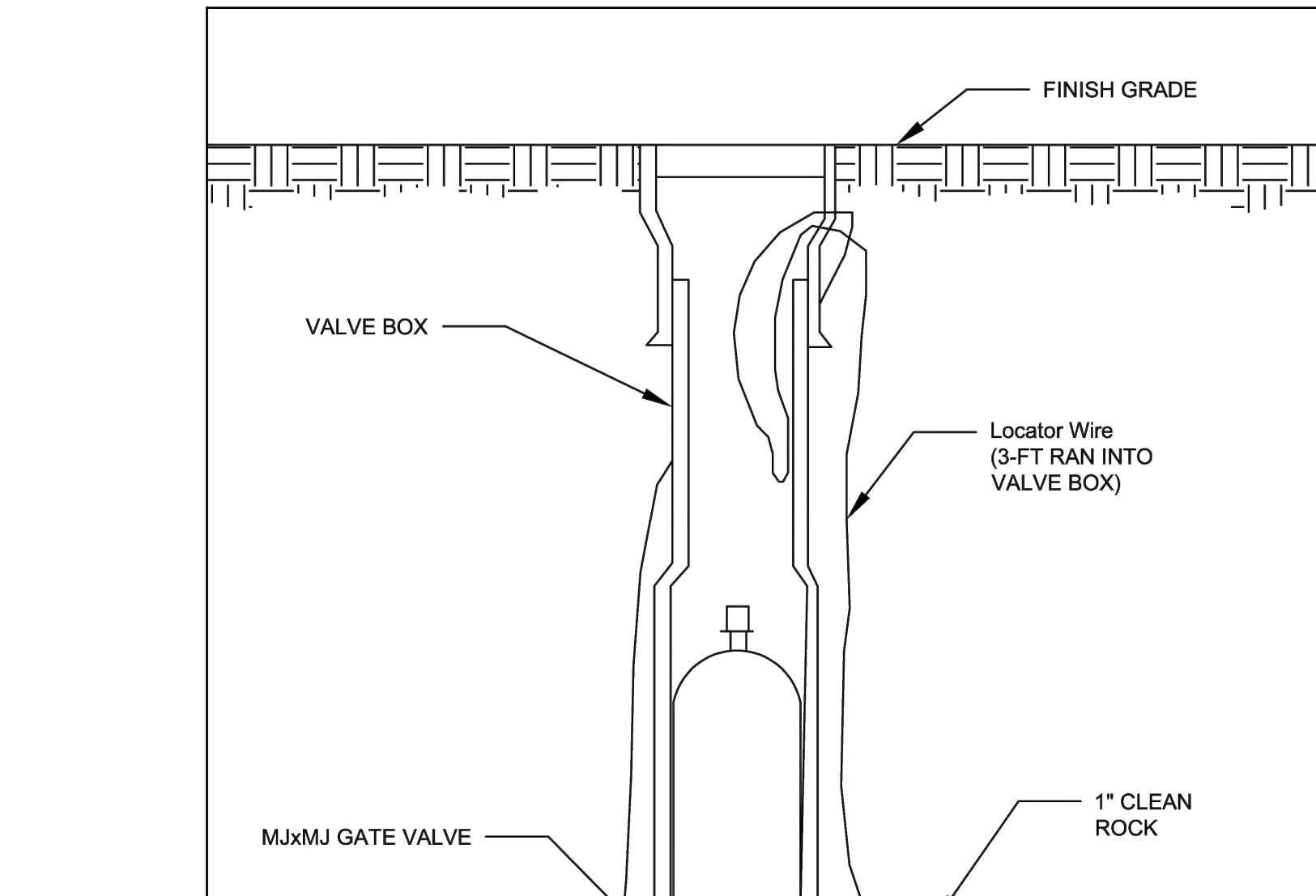
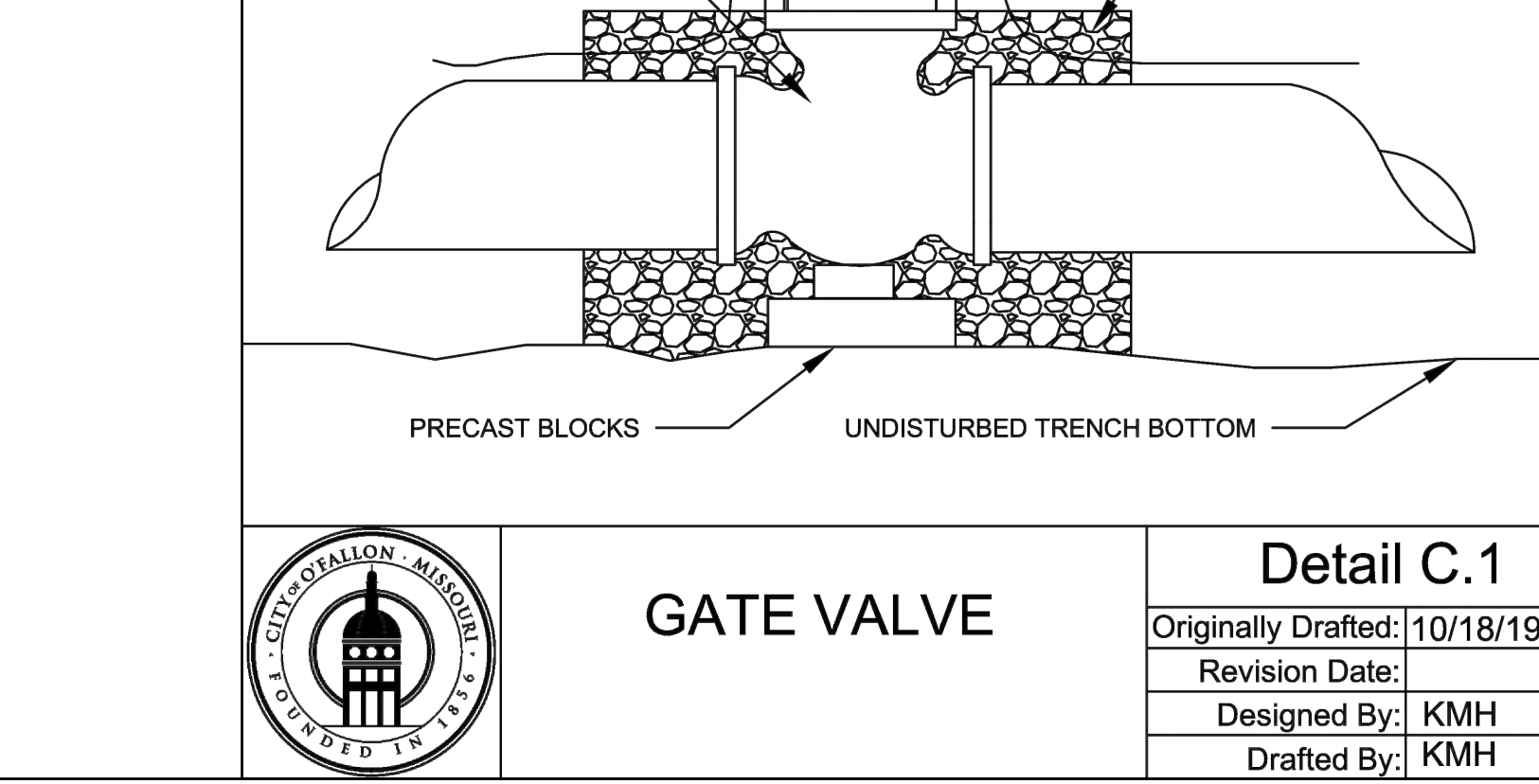
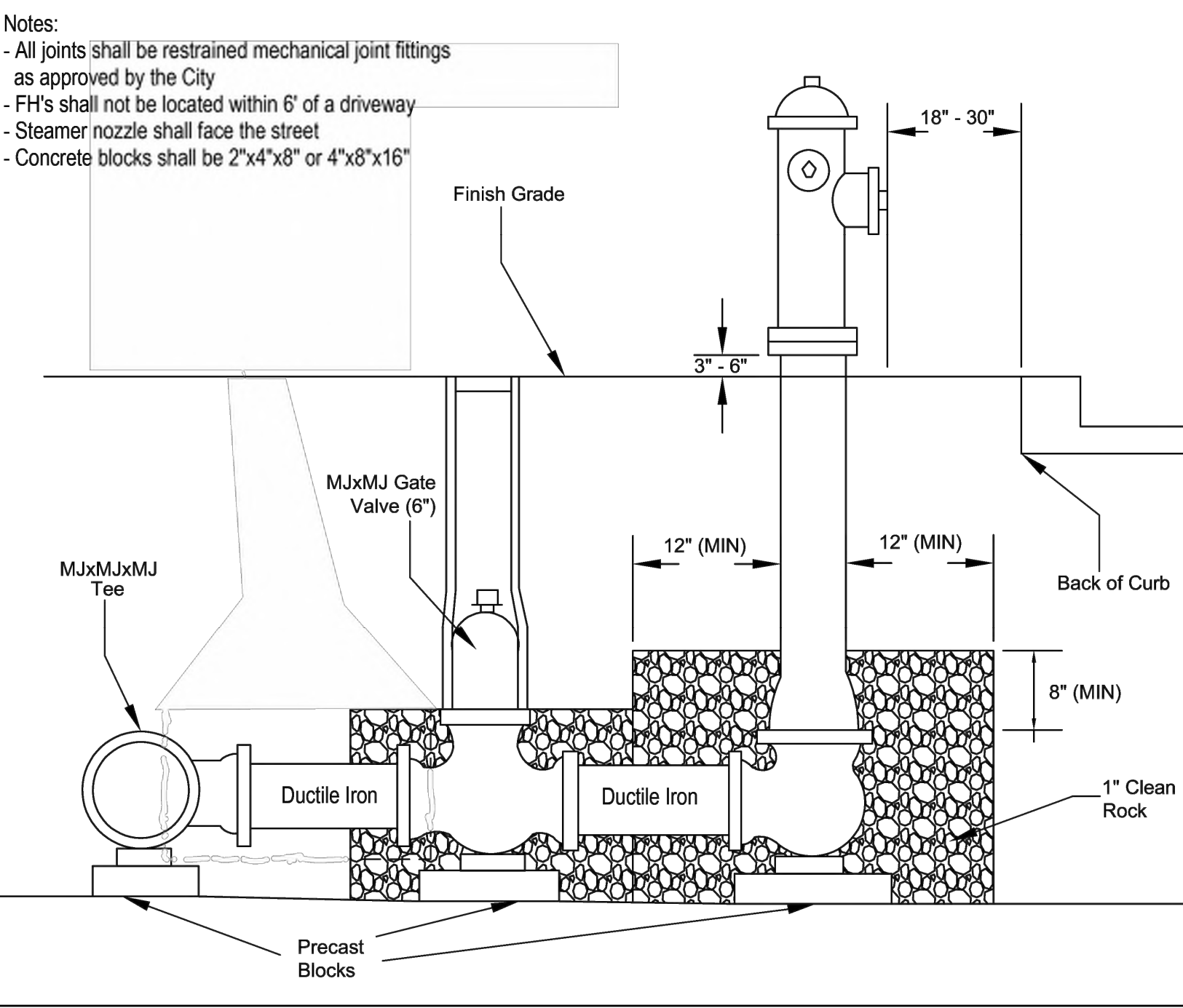
CROSS BLOCK DIMENSIONS (MEASUREMENTS IN INCHES)			
PIPE DIAMETER	W	H	T
6	24	24	24
8	24	24	24
10	30	30	24
12	36	36	24



Pipe Diameter	THRUST BLOCK DIMENSIONS (MEASUREMENTS IN INCHES)											
	ALL FITTINGS		TEES & TAPS		90 DEGREE		45 DEGREE		22.5 DEGREE		11.25 DEGREE	
	F	L	W	H	W	H	W	H	W	H	W	H
6	6	16	36	18	48	24	26	24	26	12	13	12
8	8	20	45	24	54	36	45	24	30	18	24	12
10	10	20	56	30	82	36	45	36	36	24	24	18
12	12	24	68	36	100	42	64	36	40	30	24	24

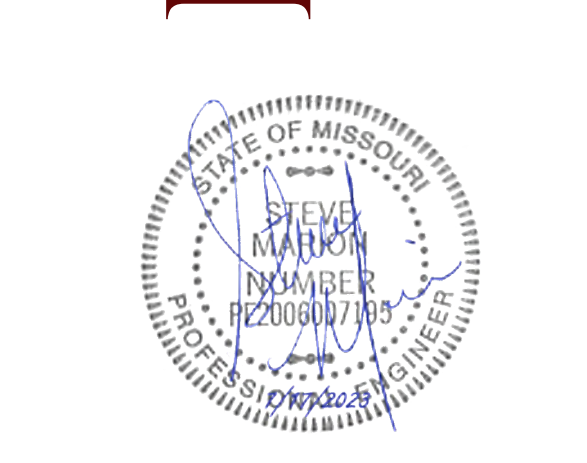
Detail D.1	
Originally Drafted:	10/18/19
Revision Date:	
Designed By:	KMH
Drafted By:	KMH

Detail B.1	
Originally Drafted:	10/17/19
Revision Date:	
Designed By:	KMH
Drafted By:	KMH



Detail A.2	
Originally Drafted:	10/16/19
Revision Date:	
Designed By:	KMH
Drafted By:	KMH

Detail A.1	
Originally Drafted:	10/16/19
Revision Date:	
Designed By:	KMH
Drafted By:	KMH



ENGINEERS AUTHENTICATION
The responsibility for professional engineering activities on this project is hereby limited to the set of plans authorized by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after the date stated hereunder.

STEVEN D. MARSTON P.E.
PROFESSIONAL ENGINEER
PE 22092920

Project: NOLES PROPERTIES LLC
BRYAN ROAD COMMERCIAL DEVELOPMENT
TBD BRYAN ROAD
OFALLON, MO 63376
NOLES PROPERTIES LLC
11361 OLIVE BLVD
CREVE COEUR, MO 63141

Revision Date		Description of Changes	
1	6/26/2023	REVISED PER CITY OF OFALLON AND OFALLON FIRE COMMENTS	
2	7/17/2023	REVISED PER CITY OF OFALLON COMMENTS	
3	7/17/2023	REVISED PER CITY OF OFALLON COMMENTS	

Sheet Title: WATER MAIN DETAILS

Project No: 2202920
Drawn By: P. HEITZ
Checked By: M. FOGARTY
ISSUED FOR CONSTRUCTION

V:\wmi-pr\wmi\CIVIL_3D PROJECTS\2022\2202920_Noles_Bryan Rd Commercial Development\CONSTRUCTION DRAWINGS\SHEETS\C-803 WATER MAIN DETAILS.dwg