

MAPS:

BREATHITT COUNTY WATER DISTRICT

FIVE MILE WATERLINE EXTENSION

April 2023

WATER COMMISSIONERS

BOBBY THORPE JR - CHAIRMAN

SAMMIE TURNER - VICE CHAIRMAN

EVA FUGATE - SECRETARY

CHERYL CAMPBELL - TREASURER

DAVID INGRAM - MEMBER



SERVING DEVELOPERS, INDUSTRY, BUSINESS AND GOVERNMENT BY PROVIDING PROVEN SOLUTIONS SINCE 1976

NESBITT ENGINEERING, INC.



nesbitt
Engineering, Inc.
222 N. Upper Shreve
Bellemeade, Kentucky
Tel. (405) 233-3111
Fax (405) 233-1275

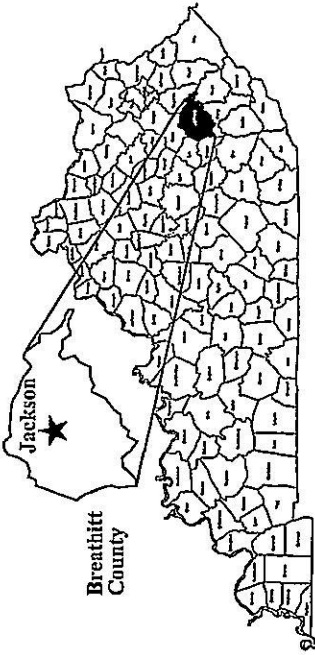
CALL THE KENTUCKY ONE CALL BEFORE DIGGING: KENTUCKY UNDERGROUND PROTECTION, INC. 1-800-753-6007
A FORMAL LAW NOW IN EFFECT STATES THAT ANY PERSON WHO DAMAGES AN UNDERGROUND UTILITY WITHOUT FIRST USING AN AVAILABLE ONE-CALL NOTIFICATION SYSTEM TO OBTAIN INFORMATION ON THE LOCATION OF ANY UTILITY IS SUBJECT TO A FINE, IMPRISONMENT, OR BOTH. THE LAW ALSO STATES THAT ONLY A NATIONAL ONE-CALL REFERENCE NUMBER, 1-800-258-8008

SHEET INDEX

- INDEX SHEET
C-1 MAINLINE EXTENSION
D-1 STANDARD DETAILS WATER
D-2 EROSION CONTROL & MISC. DETAILS

ABBREVIATIONS

AD. ADJUSTED FLOOR	GR. GRADE	IND. INDUSTRY	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
AL. ALUMINUM	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
AS. ASBESTOS	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
BR. BRICK	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
CL. CLAY	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
CP. COPPER	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
GL. GLASS	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
HP. HOLLOW PIPE	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
LD. LEAD	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
LV. LEAD VENEER	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
MA. MARBLE	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
MG. METAL GRATE	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
MS. MASONRY	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
MS. METAL SHEET PILING	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
NT. NICKEL	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
OC. OIL COVER	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
OR. OIL RESISTANT	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
PF. POLYESTER FIBER	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
PL. PLASTER	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
PP. POLYPROPYLENE	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
PR. PINE	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
PT. PORTLAND CEMENT	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
PS. POLYETHYLENE SHEET	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
RB. RUBBER	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
SD. STEEL	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
SK. SKIING	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
SP. STEEL PILING	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
ST. STEEL TUBING	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
TR. TIRE	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
VR. VERMICULITE	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
WT. WOOD	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE
WT. WOOD TRUSS	GR. GRASS	INT. INTAKE	INT. INTERSECTION	PROP. PROPOSED	RES. RESIDENTIAL	RES. REF. REFERENCE



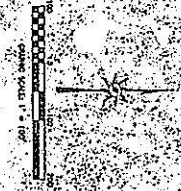
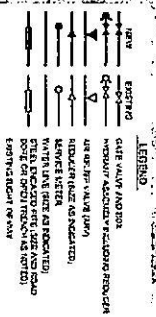
KENTUCKY



BREATHITT COUNTY
SCALE: 1" = 2000'

GENERAL NOTES:
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE KENTUCKY ENGINEERING CONSTRUCTION CODES, WHICH ARE AVAILABLE FROM THE KENTUCKY BOARD OF PROFESSIONAL ENGINEERS. ALL CODES SHALL BE APPLIED TO THE PROJECT UNLESS SPECIFICALLY NOTED OTHERWISE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES.
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE KENTUCKY ENGINEERING CONSTRUCTION CODES, WHICH ARE AVAILABLE FROM THE KENTUCKY BOARD OF PROFESSIONAL ENGINEERS. ALL CODES SHALL BE APPLIED TO THE PROJECT UNLESS SPECIFICALLY NOTED OTHERWISE.
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6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES.

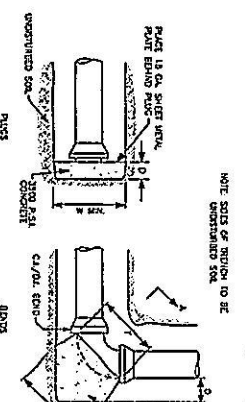
DESIGN PROFESSIONAL ENGINEER
 STATE OF KENTUCKY
 BREATHITT COUNTY
 PROJECT NO. 2023-01
 DATE: 5/1/2023



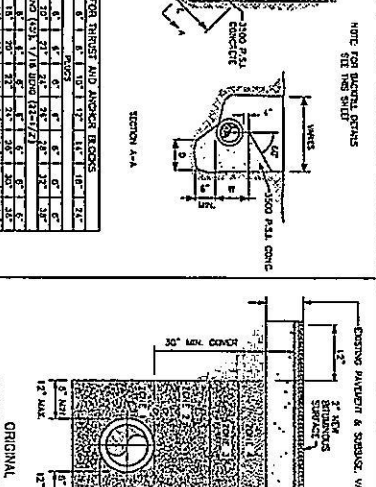
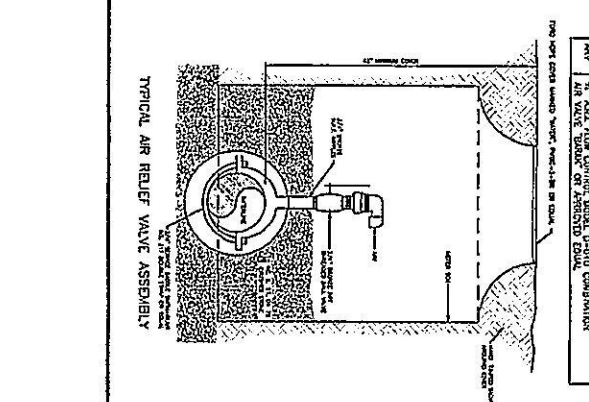
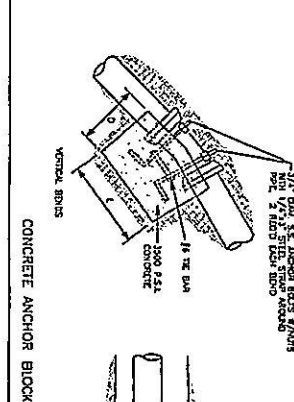
nesbitt engineering, inc.
 BREATHITT COUNTY WATER DISTRICT
 FIVE MILE WATERLINE EXTENSION
 998-51
 1"=100'
 5/1/2023



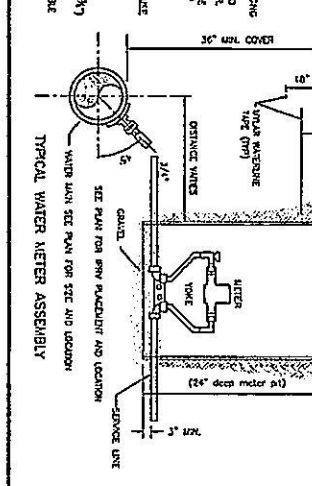
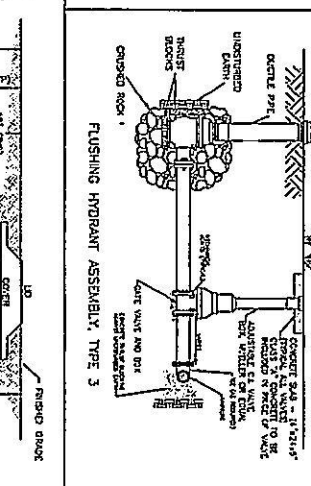
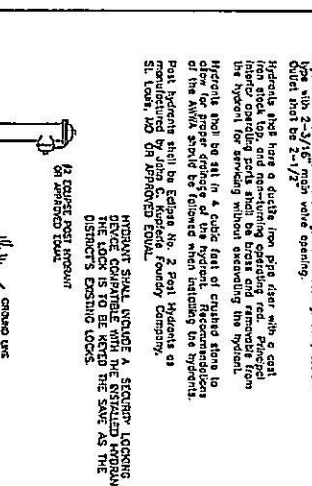
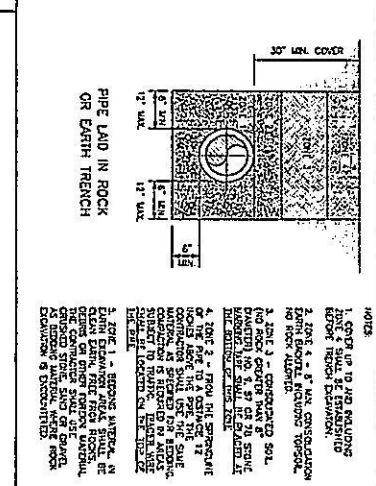
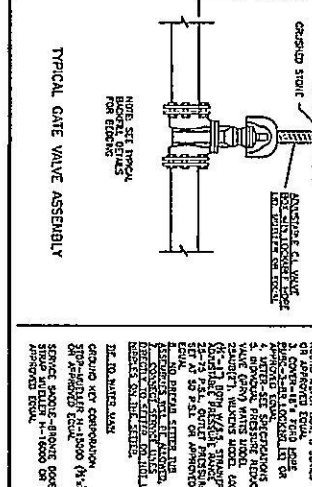
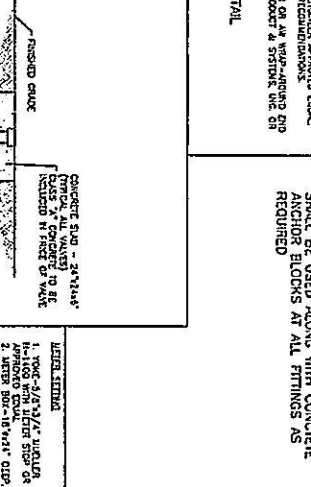
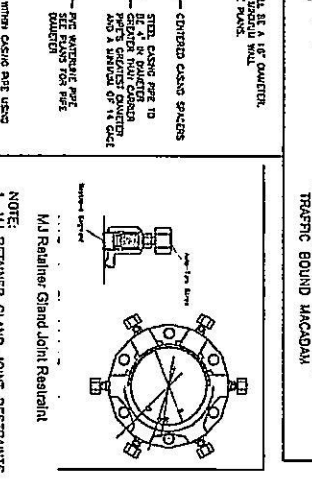
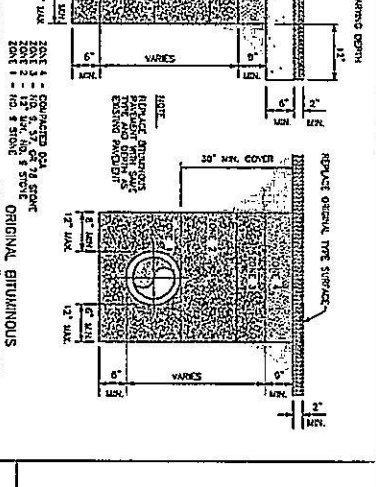
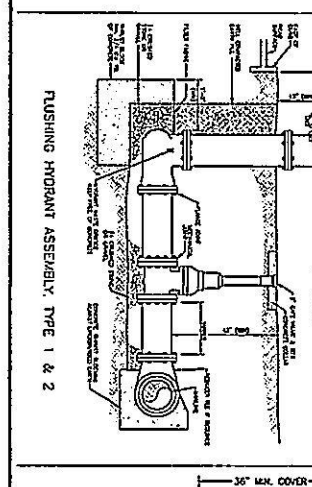
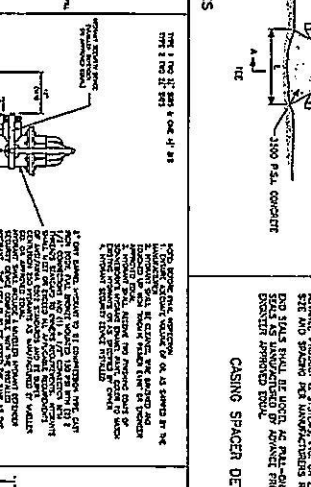
FIVE MILE WATERLINE EXTENSION
 BREATHITT COUNTY WATER DISTRICT
 1137 MAIN STREET
 JACKSON, KY 41339
 WATERLINE EXTENSION



REINFORCING	DIMENSIONS FOR BUREAU AND ANCHOR BLOSS
D	3.0
E	4.0
F	5.0
G	6.0
H	7.0
I	8.0
J	9.0
K	10.0
L	11.0
M	12.0
N	13.0
O	14.0
P	15.0
Q	16.0
R	17.0
S	18.0
T	19.0
U	20.0
V	21.0
W	22.0
X	23.0
Y	24.0
Z	25.0



REINFORCING	DIMENSIONS FOR BUREAU AND ANCHOR BLOSS
D	3.0
E	4.0
F	5.0
G	6.0
H	7.0
I	8.0
J	9.0
K	10.0
L	11.0
M	12.0
N	13.0
O	14.0
P	15.0
Q	16.0
R	17.0
S	18.0
T	19.0
U	20.0
V	21.0
W	22.0
X	23.0
Y	24.0
Z	25.0



nesbitt engineering, inc.

FIVE MILE WATERLINE EXTENSION BREATHITT COUNTY WATER DISTRICT

1137 MAIN STREET JACKSON, KY 41339

STANDARD DETAILS - WATER

nesbitt engineering, inc.

FIVE MILE WATERLINE EXTENSION BREATHITT COUNTY WATER DISTRICT

1137 MAIN STREET JACKSON, KY 41339

STANDARD DETAILS - WATER

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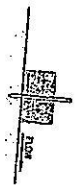
STANDARD DETAILS - WATER

nesbitt engineering, inc.

FIVE MILE WATERLINE EXTENSION BREATHITT COUNTY WATER DISTRICT

1137 MAIN STREET JACKSON, KY 41339

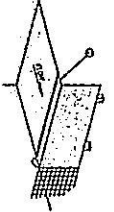
STANDARD DETAILS - WATER



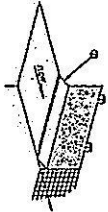
WOODEN STAKE DETAILING 1'-3" DIA. X 10' LONG
 4" DIA. STAKE NEEDED TO HOLD STAKES AND BALES



BALES PLACED ON THE CONTOUR



ALTERNATE 1

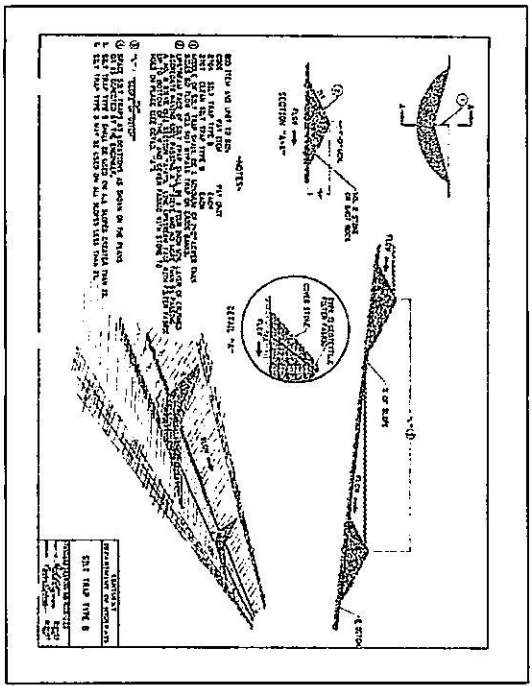


ALTERNATE 2

NOTE:
 1. BALE SPACING SHALL BE 10' ON CENTER
 2. THE BOTTOM 12" OF BALE SHALL BE PLACED IN A 6" DEPTH OF FILL UNDER THE STAKE TO PREVENT SEDIMENT ESCAPE UNDER FENCE.
 ALL DETAILING SHALL BE ON THE UPRIFLOW SIDE OF FENCE.

**STRAW BALE SILT CHECK
 SEDIMENTATION CONTROL**
 NOT TO SCALE

**SILT CHECK FENCE
 SEDIMENTATION CONTROL**
 NOT TO SCALE



NOTES:
 1. BALE SPACING SHALL BE 10' ON CENTER
 2. THE BOTTOM 12" OF BALE SHALL BE PLACED IN A 6" DEPTH OF FILL UNDER THE STAKE TO PREVENT SEDIMENT ESCAPE UNDER FENCE.
 ALL DETAILING SHALL BE ON THE UPRIFLOW SIDE OF FENCE.

DATE	6/1/2021
BY	DESIGNER
CHECKED BY	ENGINEER
PROJECT	511 FIVE MILE
SCALE	NOT TO SCALE

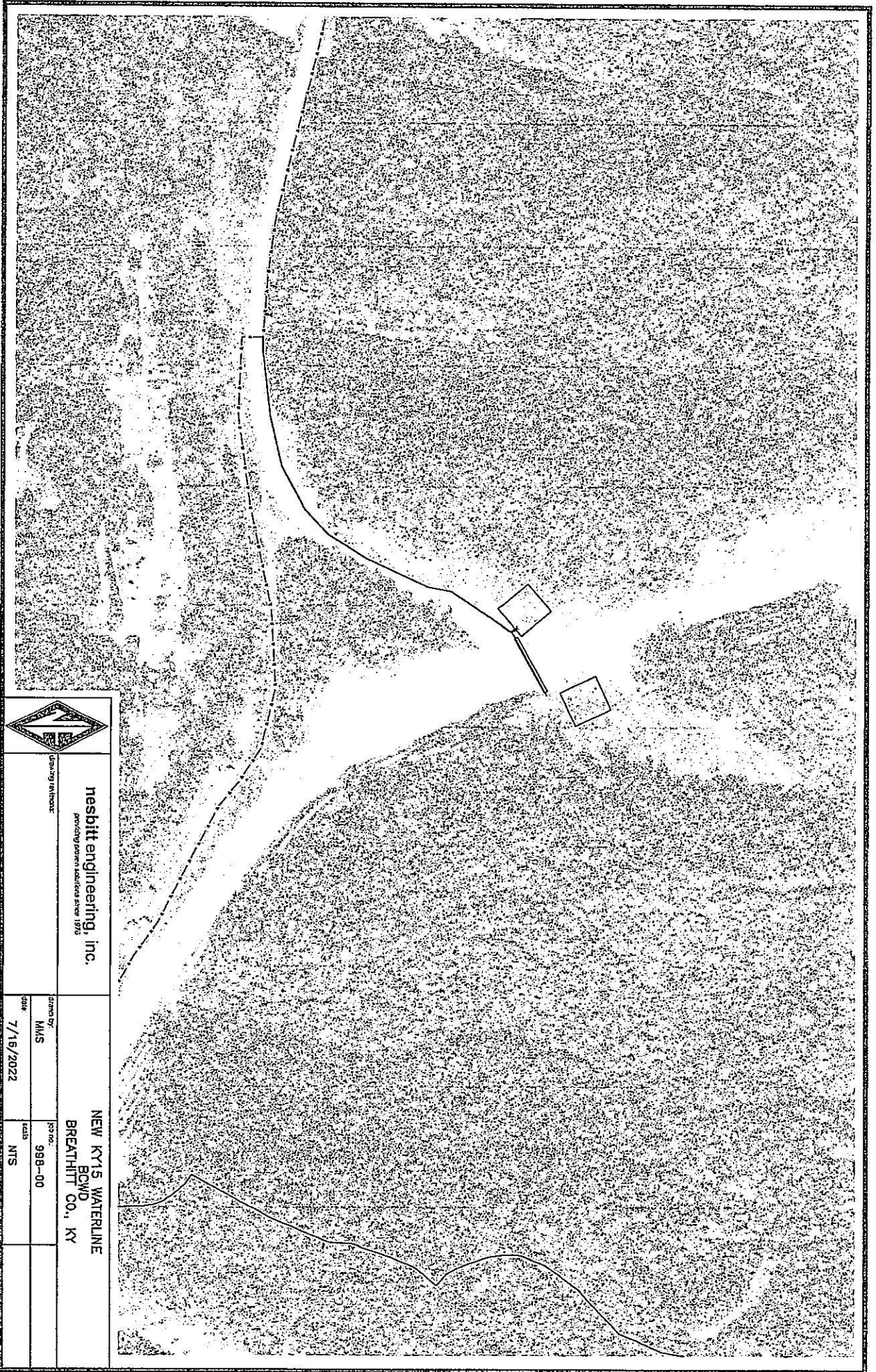


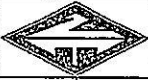
nesbitt engineering, inc.
 BREATHITT COUNTY WATER DISTRICT



FIVE MILE WATERLINE EXTENSION
 BREATHITT COUNTY WATER DISTRICT
 1137 MAIN STREET
 JACKSON, KY 41339

EROSION CONTROL & MISC. DETAILS



	
nesbitt engineering, inc. providing professional services since 1876	
NEW KY15 WATERLINE BOYD BREATHITT CO., KY	
DESIGNED BY MMS	PROJECT NO. 998-00
DATE 7/16/2022	SCALE NTS