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41	PNG-C-367-0002040	ALIGNMENT PLAN AND PROFILE SHEET 32	B
42	PNG-C-367-0002041	ALIGNMENT PLAN AND PROFILE SHEET 33	B
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50	PNG-C-367-0002049	ALIGNMENT PLAN AND PROFILE SHEET 41	B
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57	PNG-C-367-0002056	ALIGNMENT PLAN AND PROFILE SHEET 48	B
58	PNG-C-367-0002057	ALIGNMENT PLAN AND PROFILE SHEET 49	B
59	PNG-C-367-0002058	ALIGNMENT PLAN AND PROFILE SHEET 50	B
60	PNG-C-367-0002059	ALIGNMENT PLAN AND PROFILE SHEET 51	B
61	PNG-C-367-0002060	ALIGNMENT PLAN AND PROFILE SHEET 52	B
62	PNG-C-367-0002061	ALIGNMENT PLAN AND PROFILE SHEET 53	B
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REV.	DESCRIPTION	DATE	BY	CHKD	APP'D
B	ALIGNMENT PLAN AND PROFILE SHEET 47				
B	ALIGNMENT PLAN AND PROFILE SHEET 48				
B	ALIGNMENT PLAN AND PROFILE SHEET 49				
B	ALIGNMENT PLAN AND PROFILE SHEET 50				
B	ALIGNMENT PLAN AND PROFILE SHEET 51				
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B	ALIGNMENT PLAN AND PROFILE SHEET 69				
B	ALIGNMENT PLAN AND PROFILE SHEET 70				
B	ALIGNMENT PLAN AND PROFILE SHEET 71				
B	ALIGNMENT PLAN AND PROFILE SHEET 72				

BURNS & MCDONNELL
 ENGINEERING COMPANY, INC.
 STATE LICENSE # COL 01517

DUKE ENERGY | **Piedmont Natural Gas**

C367 PIPELINE COVER SHEET
 CLERMONT COUNTY, OH
 #SL006 OH

PROFESSIONAL ENGINEER'S STAMP

APPROVALS

DATE	REVISION DESCRIPTION	BY	CHKD	APP'D
A 11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
B 12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

REGIONAL ENGINEER [Signature] | **MGR. TECH REC & STD** [Signature] | **PRINCIPAL ENGINEER** [Signature]

DUKE ENERGY | **Piedmont Natural Gas** | **commit 2020**

SHEETS 1 OF 5 | **DWG SCALE** N.T.S. | **DWG DATE** 11/02/2020 | **SUPERSEDED**

DRAWING NUMBER PNG -G-367-0002000 | **REVISION** B

GENERAL RESTRICTIONS

- STAY IN ROW/EASEMENTS ON WITHIN PREDETERMINED WORKSPACE AREAS.
- ONLY USE DESIGNATED POINTS OF ACCESS AS APPROVED BY DUKE.
- NO DIGGING, WORK, OR STORAGE WITHIN 25' OF POWERLINE OR EQUIPMENT INCLUDING GUY WIRES, EXCEPT AT CROSSINGS OF POWER RIGHT OF WAY DESIGNATED ON PLANS.
- ANY DOT CROSSING NOTIFICATIONS TO BE MADE AS INDICATED BY THE PERMIT OR STATE DOT PERMIT.
- INSTALLER IS RESPONSIBLE FOR KNOWING LOCATION OF ALL ENVIRONMENTALLY SENSITIVE AREA RESTRICTIONS PERTAINING TO THIS PROJECT.

ABBREVIATIONS

SYMBOL	DESCRIPTION
APPROXIMATE	
B.U.	BUIVANCY CONTROL
CL	CENTERLINE
CD	CONTROLLED DENSITY FILL
CSM	CONTROLLED LOW STRENGTH MATERIAL
CMP	CORRUGATED METAL PIPE
COMM	COMMUNICATIONS
CP	CATHODIC PROTECTION
DI	DROP INLET
DI	DIAMETER
DI	DUCTILE IRON PIPE
E	EASTING
EA	EACH
ELEV	ELEVATION
EX	EXISTING
FLC	FOREBORN LINE CROSSING
FM	FORCE MAIN
FT	FEET
FTG	FITTING
H/HORIZ	HORIZONTAL
H/D	HORIZONTAL, DIRECTIONAL DRILL
H/L	HORIZONTAL, LEFT TURN
H/R	HORIZONTAL, RIGHT TURN
N/RV	INVERT
JAB	JACK AND AUGER BORE
L	LENGTH
LAT	LATITUDE
LF	LINEAR FEET
LONG	LONGITUDE
MAX	MAXIMUM
MIN	MINIMUM
MH	MANHOLE
N	NORTHING
N.T.S.	NOT TO SCALE
O.C.	OPEN CUT
O.D.	OUTSIDE DIAMETER
PCC	PORTLAND CEMENT CONCRETE
PI	POST INDICATOR VALVE
PSI	POUNDS PER SQUARE INCH
PVC	POLY VINYL CHLORIDE
R	RADIUS
RD	ROAD
R/W/ROW	RIGHT-OF-WAY
RCF	REINFORCED CONCRETE PIPE
SD	STORM DRAIN
SS	SANITARY SEWER
SSD	SOLID STATE DECOUPLER
STA	STATION
TOP	TOP OF PIPE
TWS	TEMPORARY WORKSPACE
T.C.E.	TEMPORARY CONSTRUCTION EASEMENT
TYE	TYPICAL
USE	UNDERGROUND ELECTRIC
UGT	UNDERGROUND TELEPHONE/COMMUNICATIONS
V	VERTICAL
W	WIDTH
W.T.	WALL THICKNESS
WAG	CROSSING

LEGEND

	PROPOSED TEMPORARY WORKSPACE
	PROPOSED PERMANENT EASEMENT
	ADDITIONAL TEMPORARY WORKSPACE
	CONSTRUCTION MATING
	TRACKING CONTROL
	UP/SLOPE RUNION CONTROL
	SLOPE BREAKER
	DELIMITED WETLAND
	FEMA 100 YEAR FLOOD AREA
	ACCESS PATH
	STREAM
	DITCH
	TREE LINE
	EX. COMMUNICATION LINE
	EX. OVERHEAD LINE
	EX. ELECTRIC LINE
	FENCE
	EX. GAS LINE
	RIGHT-OF-WAY
	RAILROAD
	EX. SANITARY SEWER
	EX. STORM WATER LINE
	EX. WATER LINE
	PROPERTY LINE
	SILT FENCE
	FILTER SOCK
	CONSTRUCTION BOUNDARY
	EX. MAJOR CONTOUR
	EX. MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	JURISDICTIONAL LINE
	BUIVANCY CONTROL
	PROPOSED GAS LINE
	HORIZONTAL DIRECTIONAL DRILL
	AUGER BORE
	EXCAVATION PIT

- POT HOLE LOCATION
- BORING LOCATION
- FLUSH
- FLUSH PIPELINE MARKER
- ABOVE GRADE PIPELINE MARKER
- MILE MARKER
- CONSTRUCTION ENTRANCE
- TEST STATION (SEE EQUIPMENT SCHEDULES ON PNG-E-XXX-0000000)
- SOLID STATE DECOUPLER (SEE EQUIPMENT SCHEDULES ON PNG-E-XXX-0000000)
- COUPON TEST STATION (SEE EQUIPMENT SCHEDULES ON PNG-E-XXX-0000000)
- MONOLITHIC INSULATOR JUNCTION BOX (SEE EQUIPMENT SCHEDULES ON PNG-E-XXX-0000000)

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DATE	REVISION DESCRIPTION	BY (CNS)	DESCRIPTION
A 11-05-2020	ISSUED FOR 10% REVIEW	SFS, JMP, CNS	AREA CODE
B 12-18-2020	REVISED 30% DESIGN	SFS, JMP, CNS	ACCOUNT NUMBER: AW1982
			PROJECT NUMBER: AW1982
			DRAWING BY: SFS
			STATION ID
			CHECKER INITIALS: JMP
APPROVALS		REGIONAL ENGINEER	REGIONAL ENGINEER
		MGR. TECH REC & STD	MGR. TECH REC & STD
		PRINCIPAL ENGINEER	PRINCIPAL ENGINEER
		C367 PIPELINE LEGEND, SYMBOLS, & ABBREVIATIONS CLERMONT COUNTY, OHIO KELLLOGG, OH	
SHEETS: 4 OF 5 DWG DATE: 11/02/2020 DRAWING NUMBER: PNG -G-367-0002003 SUPERSEDED		DWG SCALE: N.T.S. REVISION: B	



BATAVIA DELIVERY STATION & PIPELINE ACCESS PLAN 4
SCALE: 1:50

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DATE A 11-05-2020 B 12-18-2020	REVISIONS DESCRIPTION ISSUED FOR 10% REVIEW REVISED 30% DESIGN	BY / CHK / APPR SFS / JMP / CNS SFS / JMP / CNS	DESCRIPTION AREA CODE ACCOUNT NUMBER PROJECT NUMBER DRAWING BY STATION ID CHECKER INITIALS	APPROVALS DATE INITIALS DATE INITIALS DATE INITIALS	REGIONAL ENGINEER MGR. TECH REC & STD PRINCIPAL ENGINEER
PROFESSIONAL ENGINEER'S STAMP		DUKE ENERGY Piedmont Natural Gas COMPANY # 202		C367 PIPELINE ACCESS ROUTE 2 CLERMONT COUNTY, OHIO KELOOG, OH	
SHEETS 1 OF X		DWG SCALE AS-NOTED		DWG DATE 10/22/2020 SUPERSEDED	
DRAWING NUMBER PNG -C-367-0002012		REVISION B		C:\HELLOGAS\	

OWNERSHIP
 JURISDICTION
 ADDRESS
 EASEMENTS

BE 1003.00
 FRANKLIN & PATSY WILSON
 TATE TOWNSHIP

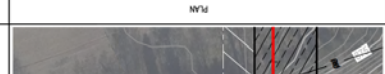
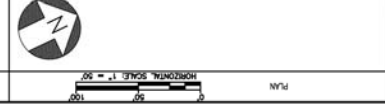
RIGHT-OF-WAY
 STATIONING

REF. DRG. NO.

PLAN

STATIONING

PLAN



PREF. DATA
 (SLOPE STATIONING)

PREF. DATA

VERTICAL SCALE 1" = 25'
 HORIZONTAL SCALE 1" = 50'

PROFILE

MATERIAL
 CONSTRUCTION METHOD

PROFILE

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 ISSUED FOR 10% REVIEW
 REVISED 30% DESIGN

REF. DWG(S) SEE REFERENCE BAND
 SHEETS: 1 OF X
 DWG DATE: 10/07/2020
 SUPERSEDED
 DRAWING NUMBER: PNG-C-367-0002030
 REVISION: B
 DWG DATE: 10/07/2020
 SUPERSEDED
 DRAWING NUMBER: PNG-C-367-0002030
 REVISION: B

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 STATE LICENSE # COL 01507

REGISTRATION DESCRIPTION
 DATE: 11-05-2020
 REVIEWER: SFS
 DATE: 12-18-2020
 DESIGNER: SFS

APPROVALS
 REGIONAL ENGINEER
 MGR. TECH REC & STD
 PRINCIPAL ENGINEER

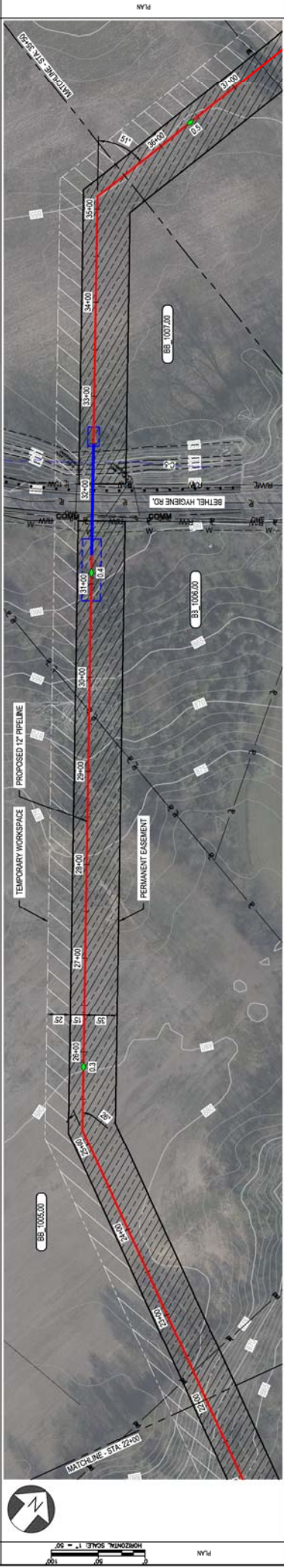
DUKE ENERGY
 Piedmont Natural Gas
 commitment 2020

C367 PIPELINE
 ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO
 KELLOGG, OH

PROJECT: C367 PIPELINE
 SHEETS: 1 OF X
 DWG DATE: 10/07/2020
 SUPERSEDED
 DRAWING NUMBER: PNG-C-367-0002030
 REVISION: B

OWNER/SHIP	BB-1003.00 FRANKLIN & PATSY WILSON TATE TOWNSHIP	BB-1005.00 LUGAR DESCRETO LLC TATE TOWNSHIP	BB-1006.00 ROGER PERRY TATE TOWNSHIP	BB-1007.00 MARK A LINDA DENISE STRIMPE TATE TOWNSHIP
JURISDICTION	FRANKLIN & PATSY WILSON TATE TOWNSHIP	LUGAR DESCRETO LLC TATE TOWNSHIP	ROGER PERRY TATE TOWNSHIP	MARK A LINDA DENISE STRIMPE TATE TOWNSHIP
ADDRESS				
REVISIONS				
REF. DRWG. NO.				

STATIONING	
PLAN	



DATE	REVISION DESCRIPTION	BY	CHK	APP
11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

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DUKE ENERGY | **Piedmont Natural Gas**

C367 PIPELINE ALIGNMENT SHEET
CLERMONT COUNTY, OHIO

REG. NO. 10072002 | SUPERSEDED | DRAWING NUMBER | PNC-C-367-0002031

DATE: 11-05-2020 | ISSUED FOR 10% REVIEW | BY: SFS | CHK: JMP | APP: CNS

DATE: 12-18-2020 | REVISED 30% DESIGN | BY: SFS | CHK: JMP | APP: CNS

REGIONAL ENGINEER: [Signature]

MUR. TECH REC & STD: [Signature]

PRINCIPAL ENGINEER: [Signature]

PROFESSIONAL ENGINEER/STAMP

OWNER/SHIP
 JURISDICTION
 ADDRESS
 PERMITS

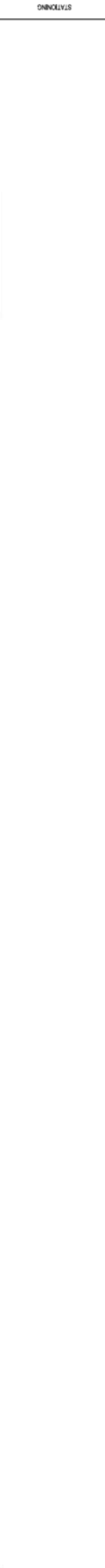
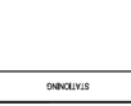
BB-1007.00
 MARK A ALMA DENISE STRIMPLE
 TATE TOWNSHIP

BB-1008.00
 SINGLETON, JEFFERY GLENN TRUSTEE
 TATE TOWNSHIP

RIGHT-OF-WAY
 STATIONING

REF. DWG. NO.

PLAN



PROFILE



REF. DWG(S)

SEE REFERENCE BAND

CLASS/IMP

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DATE

BY / CHK / APPR

DESCRIPTION

REGISTRATION NUMBER / AVT1982

DATE

PROJECT NUMBER / AVT1982

DATE

DRAWING BY / SFS

DATE

STATION ID / SFS

CHECKER INITIALS

AMP

APPROVALS

REGIONAL ENGINEER / DATE

DATE

REF. DWG(S)

SEE REFERENCE BAND

DATE

PROJECT NUMBER / AVT1982

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DRAWING BY / SFS

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STATION ID / SFS

CHECKER INITIALS

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APPROVALS

REGIONAL ENGINEER / DATE

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PROJECT NUMBER / AVT1982

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STATION ID / SFS

CHECKER INITIALS

AMP

APPROVALS

REGIONAL ENGINEER / DATE

DATE

PROJECT NUMBER / AVT1982

DATE

DRAWING BY / SFS

DATE

STATION ID / SFS

CHECKER INITIALS

AMP

APPROVALS

REGIONAL ENGINEER / DATE

DATE

PROJECT NUMBER / AVT1982

DATE

DRAWING BY / SFS

DATE

STATION ID / SFS

CHECKER INITIALS

AMP

APPROVALS

REGIONAL ENGINEER / DATE

DATE

PROJECT NUMBER / AVT1982

DATE

DRAWING BY / SFS

DATE

STATION ID / SFS

CHECKER INITIALS

AMP

APPROVALS

REGIONAL ENGINEER / DATE

DATE

PROJECT NUMBER / AVT1982

DATE

DRAWING BY / SFS

DATE

STATION ID / SFS

CHECKER INITIALS

AMP

APPROVALS

REGIONAL ENGINEER / DATE

DATE

PROJECT NUMBER / AVT1982

DATE

DRAWING BY / SFS

DATE

STATION ID / SFS

CHECKER INITIALS

AMP

APPROVALS

REGIONAL ENGINEER / DATE

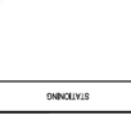
OWNERSHIP
 JURISDICTION
 ADDRESS
 EASEMENTS

BB 1006.00
 SINGLETON LEFFERY GLENN TRUSTEE
 TATE TOWNSHIP

RIGHT-OF-WAY
 STATIONING

REF. DWG. NO.

PLAN



PROFILE

REF. DWG(S) SEE REFERENCE BOND



CLASS / IMP

REVISION

DATE

1 OF X

REVISION DESCRIPTION

DWG DATE 10/7/2020 SUPERSEDED

BY (SEE LOGS)

DWG SCALE AS NOTED

SFS .IMP (CNS) AREA CODE

DRAWING NUMBER

SFS .IMP (CNS) ACCOUNT NUMBER / AWT1982

PNG -C-367-0002033

SFS .IMP (CNS) PROJECT NUMBER / AWT1982

REVISION B

DRAWING BY SFS

DRAWING NUMBER

STATION ID

DRAWING NUMBER

CHECKER INITIALS JMP

DRAWING NUMBER

APPROVALS

DRAWING NUMBER

REGIONAL ENGINEER

DRAWING NUMBER

MGR. TECH REC & STD

DRAWING NUMBER

PRINCIPAL ENGINEER

DRAWING NUMBER

DATE

DRAWING NUMBER

DATE

DRAWING NUMBER

DATE

DRAWING NUMBER

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DRAWING NUMBER

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DRAWING NUMBER

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DUKE ENERGY **Piedmont Natural Gas**

C367 PIPELINE ALIGNMENT SHEET CLERMONT COUNTY, OHIO

comment 2020

REGIONAL ENGINEER: [Signature] DATE: []/ []/ []

MGR. TECH REC & STD: [Signature] DATE: []/ []/ []

PRINCIPAL ENGINEER: [Signature] DATE: []/ []/ []

OWNERSHIP
 JURISDICTION
 ADDRESS
 EASEMENTS

BE 1008.00
 SINGLETON, JEFFERY GLENN TRUSTEE
 TATE TOWNSHIP

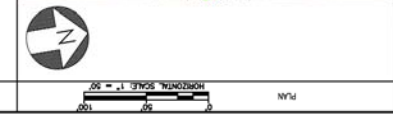
RIGHT-OF-WAY

REF. DRWG. NO.

STATIONING

HORIZONTAL SCALE 1" = 50'

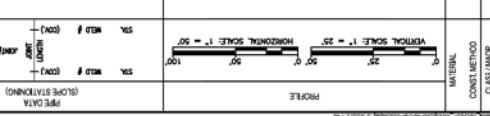
PLAN



PREF DATA

VERTICAL SCALE 1" = 25'

PROFILE



DATE	REVISION DESCRIPTION	BY	CHK	APP	DESCRIPTION
11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS	AREA CODE
12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS	ACCOUNT NUMBER / AWT1982
		SFS			PROJECT NUMBER / AWT1982
					DRAWING BY / SFS
					STATION ID
					CHECKER INITIALS / JMP

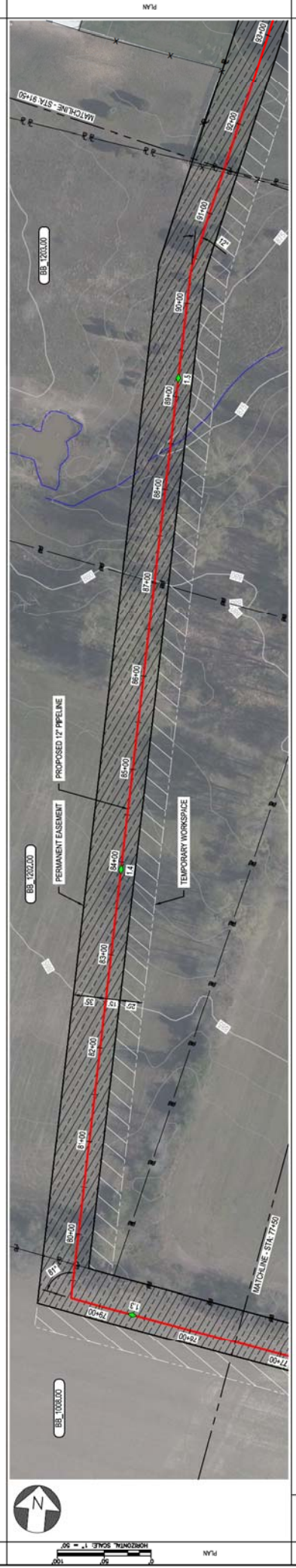
DATE	REVISION DESCRIPTION	BY	CHK	APP	DESCRIPTION
					REGIONAL ENGINEER
					MGR. TECH REC & STD
					PRINCIPAL ENGINEER

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 REF. DWG(S) SEE REFERENCE BAND
 SHEETS: 1 OF X DWG SCALE AS NOTED
 DWG DATE 10/7/2020 SUPERSEDED DRAWING NUMBER
 PNG - C-367-0002034
 C-367 PIPELINE
 ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO
 KELLWOOD, OH
 DUKE ENERGY
 Piedmont Natural Gas
 comment.zoo

BURNS & MCDONNELL
 ENGINEERING COMPANY, INC.
 STATE LICENSE # COL 01527
 PROFESSIONAL ENGINEER'S STAMP

OWNER/APP	BB_1008.00	SINGLETON JEFFERY GLENN TRUSTEE	TATE TOWNSHIP
JURISDICTION	BB_1022.00	LINDA COULTERS	TATE TOWNSHIP
ADDRESS	BB_1023.00	EDWARD & KAREN VANTASSEL	TATE TOWNSHIP
EASEMENTS			
REF. DRWG. NO.			

RIGHT-OF-WAY	
STATIONING	



DATE	BY	CHK	APP	DESCRIPTION
11-05-2020	SFS	JMP	CNS	AREA CODE
12-18-2020	SFS	JMP	CNS	ACCOUNT NUMBER / AWT1982
				PROJECT NUMBER / AWT1982
				DRAWING BY / SFS
				STATION ID
				CHECKER INITIALS / JMP

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DUKE ENERGY | **Piedmont Natural Gas**

C367 PIPELINE ALIGNMENT SHEET
CLERMONT COUNTY, OHIO

REG. DWG(S) SEE REFERENCE BAND
SHEETS: 1 OF X | DWG SCALE: AS NOTED
DWG DATE: 10/7/2020 | SUPERSEDED
DRAWING NUMBER: PNG -C-367-0002035
DRAWN BY: B
CHECKED BY: B

OWNERSHIP
 JURISDICTION
 ADDRESS
 EASEMENTS

BB 1204.00
 JILL PETERSON
 TATE TOWNSHIP

RW
 TATE TOWNSHIP

BS 1205.00
 BONNIE LEENISHIMOTO
 TATE TOWNSHIP

REF. DRG. NO.

STATIONING

STATIONING

PLAN

PROFILE

REF. DWG(S)

DATE
 A 11-05-2020 ISSUED FOR 10% REVIEW
 B 12-18-2020 REVISED 30% DESIGN

BY (SFS)
 SFS JIMP (CNS) AREA CODE
 SFS JIMP (CNS) ACCOUNT NUMBER /AW1982
 SFS JIMP (CNS) PROJECT NUMBER /AW1982

APPROVALS
 REGIONAL ENGINEER
 MGR. TECH REC & STD
 PRINCIPAL ENGINEER

SEE REFERENCE BAND

SHEETS 1 OF X
 DWG DATE 10/7/2020
 DRAWING NUMBER
 PNG -C-367-0002036

REVISION
 B

BURNS & MCDONNELL
 ENGINEERING COMPANY, INC.
 STATE LICENSE # FOL 01507

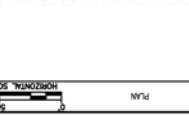
DUKE ENERGY & PIEDMONT NATURAL GAS DRAWINGS ARE CONFIDENTIAL DRAWING IS CURRENT ONLY THROUGH THE LATEST REVISED DATE TO ENSURE THERE IS NO RISK OF INAPPROPRIATE DISCLOSURE. ALL PREVIOUS PAPER COPIES OF THIS DRAWING MUST BE DESTROYED IN ACCORDANCE WITH RECORDS & INFO MANAGEMENT (RM)

C367 PIPELINE
 ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO

DUKE ENERGY
 Piedmont Natural Gas
 CLERMONT 2020

PROFESSIONAL ENGINEER'S STAMP

PROFESSIONAL ENGINEER'S STAMP



PROFESSIONAL ENGINEER'S STAMP

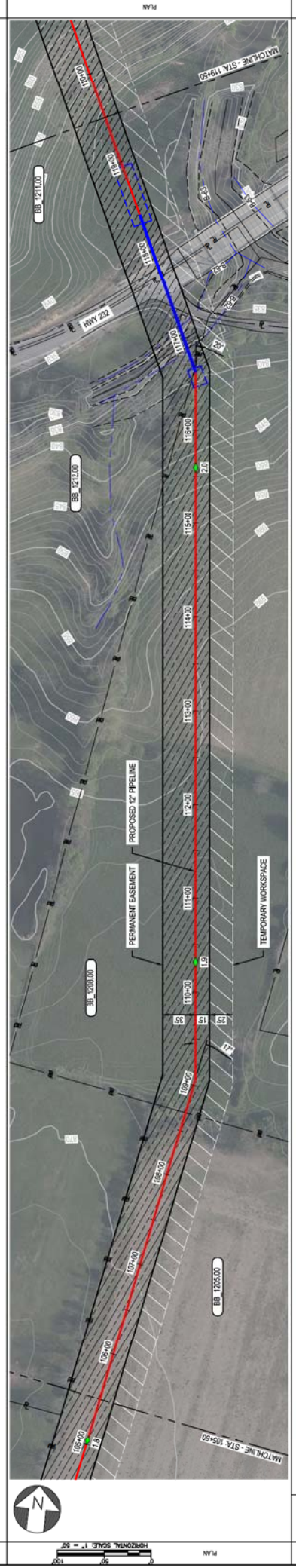
PROFESSIONAL ENGINEER'S STAMP

PROFESSIONAL ENGINEER'S STAMP

PROFESSIONAL ENGINEER'S STAMP

OWNER/SUP	BB 1205.00 BONNIE NISHIMOTO TATE TOWNSHIP	BB 1208.00 BP & LCP TATE TOWNSHIP	BB 1212.00 SCOTT ROUSH TATE TOWNSHIP	BB 1211.00 THOMAS WOIERSCHLAGE TATE TOWNSHIP
JURISDICTION				
ADDRESS				
PERMITS				
REF. DRG. NO.				

STATIONING	PLAN	PROFILE
STATIONING	PLAN	PROFILE



DATE	DESCRIPTION	BY	CHK	APP
A 11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
B 12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

REVISION DESCRIPTION	DATE	BY	CHK	APP
AWT1982				
AWT1982				

REGIONAL ENGINEER	DATE	INITIALS
MGR. TECH	DATE	INITIALS
REC & STD	DATE	INITIALS
PRINCIPAL ENGINEER	DATE	INITIALS

PROJECT NUMBER	AWT1982
DRAWING BY	SFS
STATION ID	
CHECKER INITIALS	JMP

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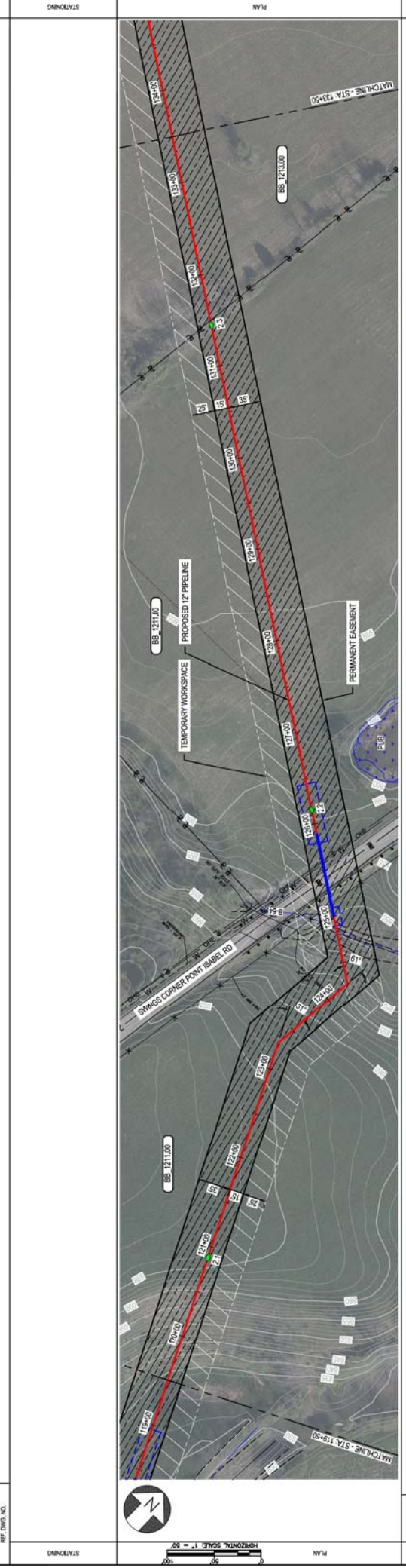
C367 PIPELINE ALIGNMENT SHEET
CLERMONT COUNTY, OHIO

DUKE ENERGY
Piedmont Natural Gas
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REF. DWG(S) SEE REFERENCE BND
SHEETS 1 OF X
DWG DATE 10/7/2020
DRAWING NUMBER PNG -C-367-0002037
SUPERSEDED
REVISION B

PROFESSIONAL ENGINEER'S STAMP

OWNERSHIP: BB 1211.00 THOMAS W BROWN TATE TOWNSHIP
 JURISDICTION: THOMAS W BROWN TATE TOWNSHIP
 ADDRESS: THOMAS W BROWN TATE TOWNSHIP
 EASEMENTS: THOMAS W BROWN TATE TOWNSHIP
 REF. DRG. NO.: BB 1211.00 THOMAS W BROWN TATE TOWNSHIP



MATERIAL: CONCRETE METHOD: CLASS: IMP

NO.	DATE	REVISION DESCRIPTION	BY	CHK	APP	DESCRIPTION
A	11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS	AREA CODE / AW1982
B	12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS	PROJECT NUMBER / AW1982
						DRAWING BY / SFS
						STATION ID /
						CHECKER INITIALS / JMP

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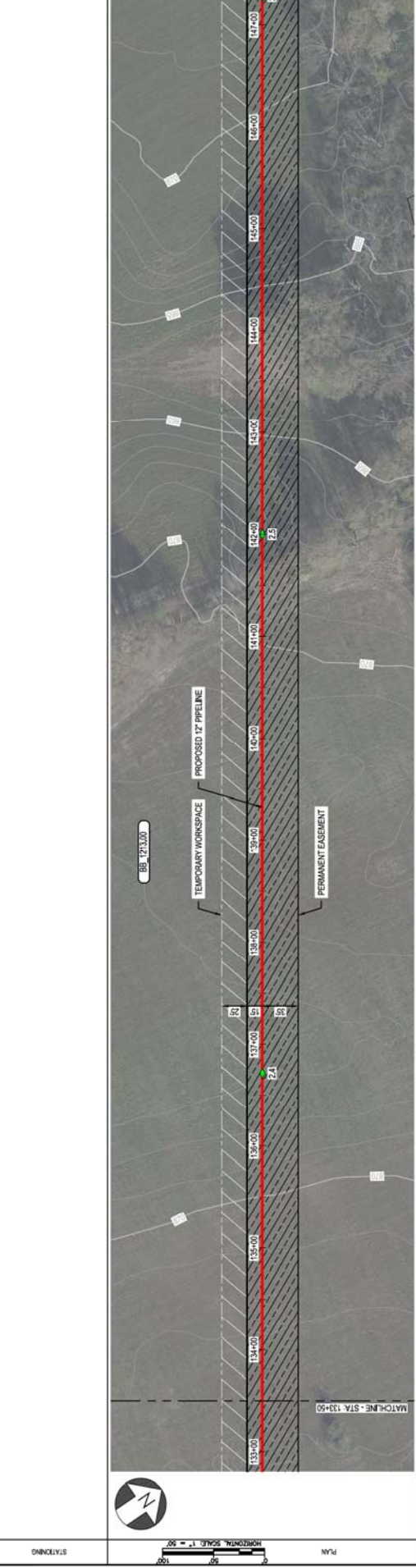
DUKE ENERGY | **Piedmont Natural Gas**

C367 PIPELINE ALIGNMENT SHEET
CLERMONT COUNTY, OHIO
 KELLLOGG, OH

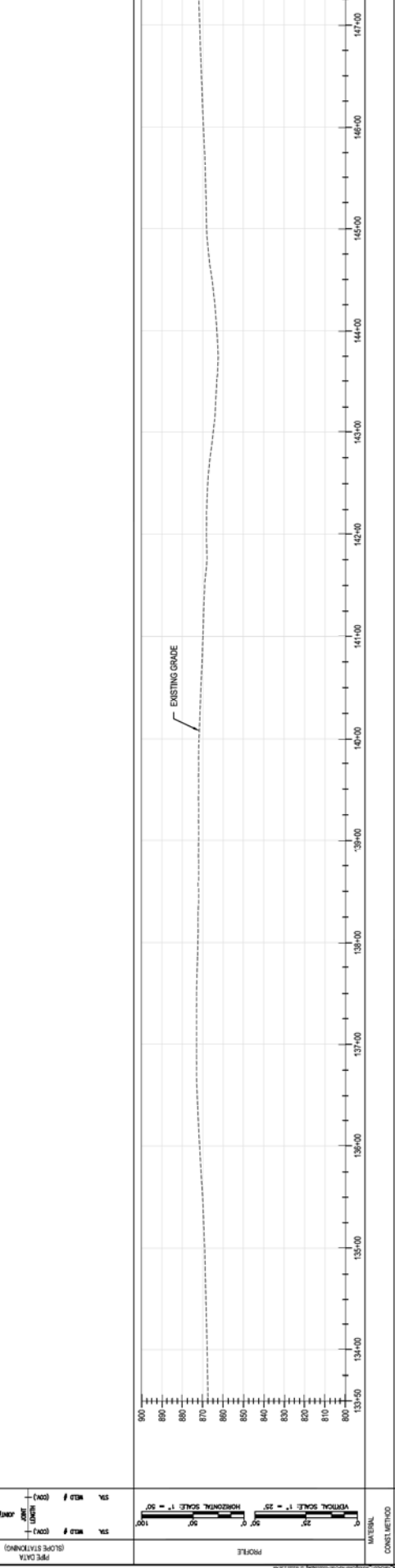
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 DWG DATE: 10/7/2020 | SUPERSEDED: _____
 DRAWING NUMBER: PNG-C-367-0002038
 REVISION: B

OWNER: BEL 1213.00
 JURISDICTION: THOMAS W BROWN
 ADDRESS: TATE TOWNSHIP

STATIONING



PLAN



PROFILE

REF. DWG(S) SEE REFERENCE BAND

SHEETS: 1 OF X DWG SCALE AS NOTED
 DWG DATE 10/7/2020 SUPERSEDED
 DRAWING NUMBER PNG -C-367-0002039
 REVISION B

DUKE ENERGY
 Piedmont Natural Gas
 CLERMONT COUNTY, OHIO
 KELLLOGG, OH

PROFESSIONAL ENGINEER'S STAMP

DATE	REVISION DESCRIPTION	BY	CHK	APP
11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

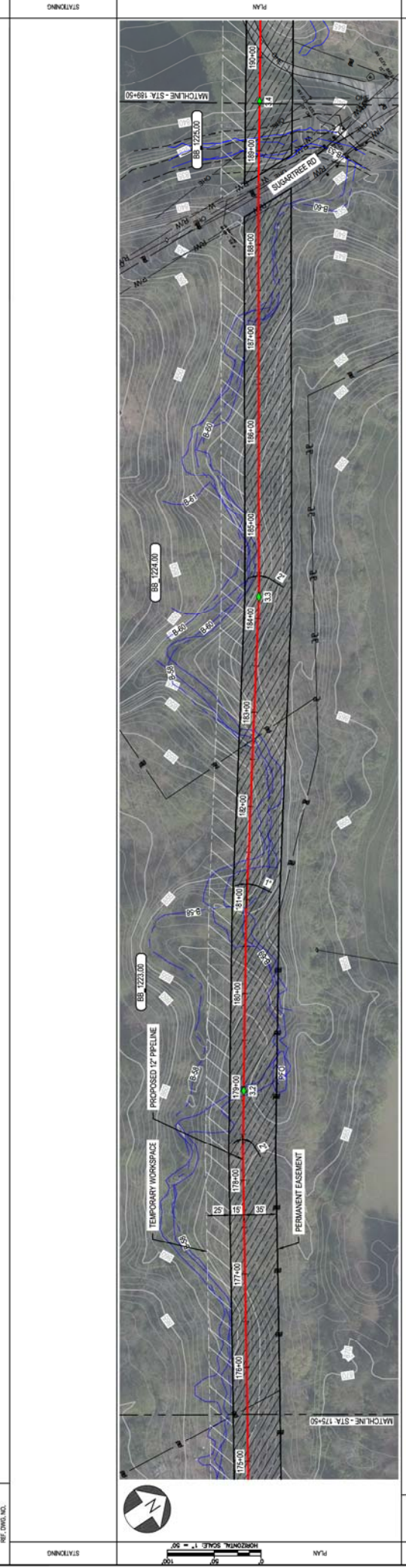
APPROVALS

DATE	DESCRIPTION	DATE	INITIALS
	REGIONAL ENGINEER		
	MGR. TECH REC & STD		
	PRINCIPAL ENGINEER		

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PROFESSIONAL ENGINEER'S STAMP

OWNERSHIP: BB 1223.00 LUCILLE SMITH TATE TOWNSHIP
 JURISDICTION: DANIEL KERRY & LINDA SMITH TATE TOWNSHIP
 ADDRESS: DANIEL KERRY & LINDA SMITH TATE TOWNSHIP
 EASEMENTS: DANIEL KERRY & LINDA SMITH TATE TOWNSHIP
 REF. DRG. NO.: BB 1225.00 DANIEL KERRY & LINDA SMITH TATE TOWNSHIP
 RIGHT-OF-WAY: RW
 STATIONING:



MATERIAL: CONCRETE METHOD: CLASS: IMP
 CLASS: IMP
 REF. DWG(S): SEE REFERENCE BAND
 SHEETS: 1 OF X DWG SCALE: AS NOTED
 DWG DATE: 10/02/2020 SUPERSEDED
 DRAWING NUMBER: PNG -C-367-0002042
 REVISION: B

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DATE	REVISION DESCRIPTION	BY	CHK	APP
11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

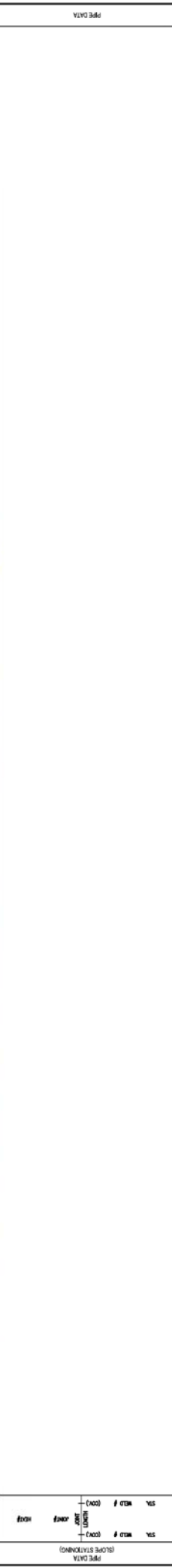
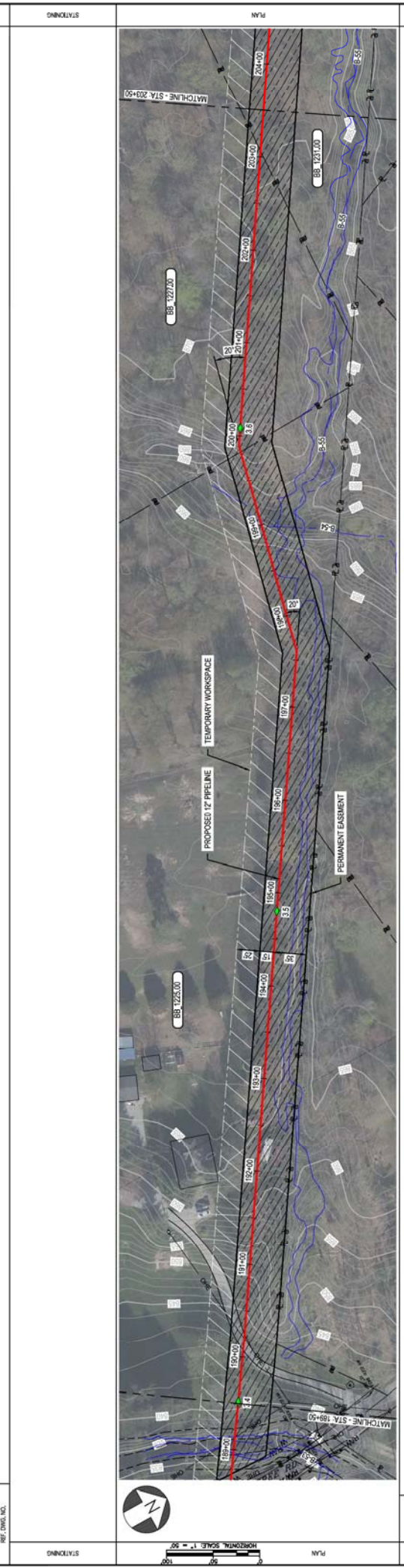
DATE	DESCRIPTION	DATE	DATE
	PROJECT NUMBER: AW1982		
	DRAWING BY: SFS		
	STATION ID:		
	CHECKER INITIALS: JMP		

REGIONAL ENGINEER: [Signature]
 MGR. TECH REC & STD: [Signature]
 PRINCIPAL ENGINEER: [Signature]

DUKE ENERGY
 Piedmont Natural Gas
 C-367 PIPELINE ALIGNMENT SHEET CLERMONT COUNTY, OHIO

PROFESSIONAL ENGINEER'S STAMP
 STATE LICENSE # 60410157
 BURNS & MCDONNELL ENGINEERING COMPANY, INC.
 10000 W. STATE ST. COLUMBUS, OH 43240

DWGNO: 400
 JURISDICTION: KATHARINE HIRSHMACHER TATE TOWNSHIP
 ADDRESS: KATHARINE HIRSHMACHER TATE TOWNSHIP
 PERMITS: BB 1225.00
 REF. DWG. NO.: BB 1225.00
 RIGHT-OF-WAY: DANIEL K. IRL & ANGELA RIFLE TATE TOWNSHIP
 BB 1227.00
 KATHARINE HIRSHMACHER TATE TOWNSHIP
 BB 1231.00
 KATHARINE HIRSHMACHER TATE TOWNSHIP



NO.	DATE	REVISION DESCRIPTION	BY	CHK	APPR	DESCRIPTION
A	11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS	AREA CODE / AW1982
B	12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS	PROJECT NUMBER / AW1982
						DRAWING BY / SFS
						STATION ID /
						CHECKER INITIALS / JMP

BURNS & MCDONNELL ENGINEERING COMPANY, INC. STATE LICENSE # COL 01527
 DUKE ENERGY & PIEDMONT NATURAL GAS DRAWINGS ARE CONFIDENTIAL. DRAWING IS CURRENT ONLY THROUGH THE LATEST REVISION DATE. TO ENSURE THERE IS NO RISK OF INAPPROPRIATE DISCLOSURE, ALL PREVIOUS PAPER COPIES OF THIS DRAWING MUST BE DESTROYED IN ACCORDANCE WITH RECORDS & INFO MANAGEMENT (RM).
 DUKE ENERGY
 Piedmont Natural Gas
 C367 PIPELINE ALIGNMENT SHEET CLERMONT COUNTY, OHIO
 SHEETS: 1 OF X
 DWG DATE: 10/06/2020
 SUPERSEDED DRAWING NUMBER: PNG -C-367-0002043
 AS NOTED
 DWG DATE: 10/06/2020
 SUPERSEDED DRAWING NUMBER: PNG -C-367-0002043
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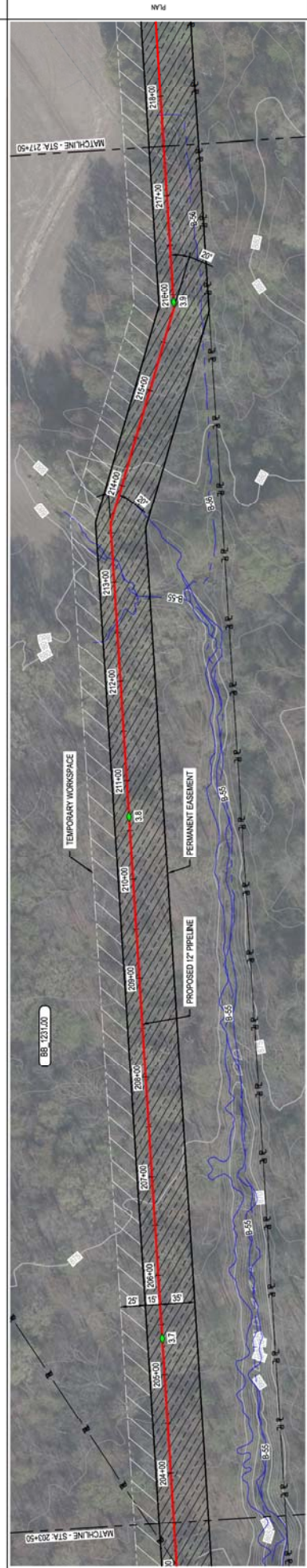
OWNERSHIP
 JURISDICTION
 ADDRESS
 PERMITS
 REF. DRG. NO.

BB 1231.00
 KATHARINE H RAMMACHER
 TATE TOWNSHIP

RIGHT-OF-WAY
 STATIONING

STATIONING

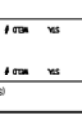
PLAN
 HORIZONTAL SCALE 1" = 50'
 VERTICAL SCALE 1" = 25'



PIPE DATA
 (GIVE STATIONING)
 STA. W.P. # (CON.)
 STA. W.P. # (CON.)
 UNIT
 CONE
 W.P. #

PIPE DATA

PROFILE
 VERTICAL SCALE 1" = 25'
 HORIZONTAL SCALE 1" = 50'



PROFILE
 REF. DWG(S) SEE REFERENCE BAND

MATERIAL
 CONSTRUCTION METHOD

CLASS / IMP

REF. DWG(S) SEE REFERENCE BAND

CLASS / IMP

NO.	DATE	REVISION DESCRIPTION	BY	CHK	APP	DESCRIPTION
A	11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS	AREA CODE / AVT1982
B	12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS	PROJECT NUMBER / AVT1982
						DRAWING BY / SFS
						STATION ID /
						CHECKER INITIALS / JMP

APPROVALS	DATE	INITIALS	DESCRIPTION
REGIONAL ENGINEER			
MGR. TECH REC & STD			
PRINCIPAL ENGINEER			

BURNS & MCDONNELL
 ENGINEERING COMPANY, INC.
 STATE LICENSE # COL 01527

REF. DWG(S) SEE REFERENCE BAND

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 C367 PIPELINE
 ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO

SEE REFERENCE BAND

PROFESSIONAL ENGINEER'S STAMP
 SHEETS: 1 OF X
 DWG SCALE: AS NOTED
 DWG DATE: 10/09/2020
 SUPERSEDED DRAWING NUMBER: PNG - C-367-0002044
 REVISION: B
 DWG DATE: 10/09/2020
 SUPERSEDED DRAWING NUMBER: PNG - C-367-0002044
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 SUPERSEDED DRAWING NUMBER: PNG - C-367-0002044
 REVISION: B

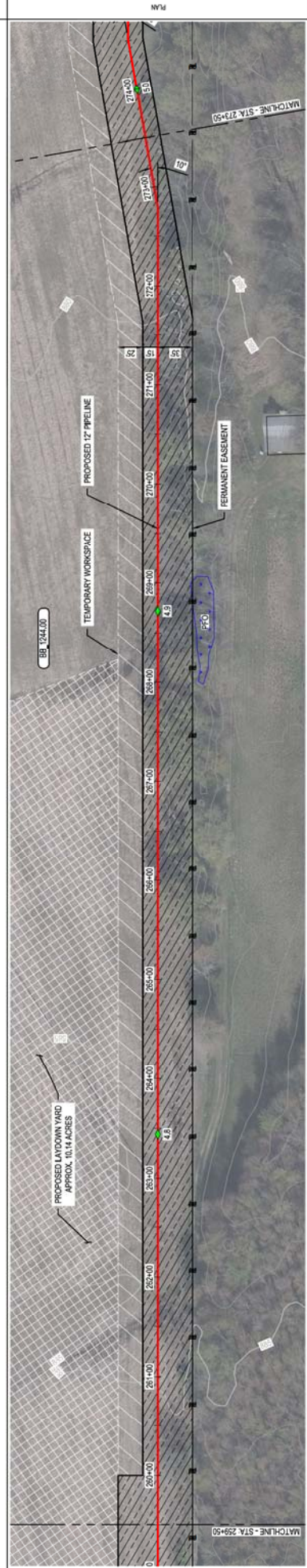
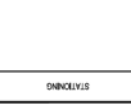
SEE REFERENCE BAND

OWNERSHIP
 JURISDICTION
 ADDRESS
 EASEMENTS

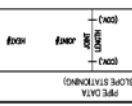
BL 1244.00
 MARTHA LEAN ROSE
 TATE TOWNSHIP

RIGHT-OF-WAY
 STATIONING
 REF. DWG. NO.

PLAN



PROFILE



REF. DWG(S) SEE REFERENCE BAND

DWG DATE 10/06/2020 SUPERSEDED
 DRAWING NUMBER
 PNG -C-367-0002048
 DWG SCALE AS NOTED

REVISION
 B

PROFESSIONAL ENGINEER'S STAMP

BURNS & MCDONNELL
 ENGINEERING COMPANY, INC.
 STATE LICENSE # COL 01557

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 DUKE ENERGY
 Piedmont Natural Gas
 comment 2020

DATE 11-05-2020 ISSUED FOR 10% REVIEW
 DATE 12-18-2020 REVISED 30% DESIGN

BY (SFS) SFS (IMP) CNS AREA CODE
 PROJECT NUMBER: AW1982
 DRAWING BY: SFS
 STATION ID: SFS
 CHECKER INITIALS: JMP

APPROVALS
 REGIONAL ENGINEER
 MGR. TECH REC & STD
 PRINCIPAL ENGINEER

C-367 PIPELINE
 ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO
 KELLOGG, OH

OWNERSHIP
 JURISDICTION
 ADDRESS
 EASEMENTS

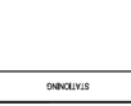
BB 1244.00
 MARTHA BARRON
 TATE TOWNSHIP

BB 1245.00 & 1247.00
 JEFFREY GLENN SINGLETON, TRUSTEE
 MONROE TOWNSHIP / TATE TOWNSHIP

RIGHT-OF-WAY

REF. DWG. NO.

STATIONING



PLAN

PROFILE



PROFILE

VERTICAL SCALE 1" = 25'

HORIZONTAL SCALE 1" = 50'

REF. DWG(S) SEE REFERENCE BAND

SEE REFERENCE BAND

SHEET(S) 1 OF X
 DWG DATE 10/02/2020
 SUPERSEDED
 DRAWING NUMBER
 PNG -C-367-0002049
 DWG DATE 10/02/2020
 SUPERSEDED
 DRAWING NUMBER
 PNG -C-367-0002049

AS NOTED
 AS NOTED

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APPROVALS

SEE REFERENCE BAND

NO.	DATE	REVISION DESCRIPTION	BY	CHK	APP
A	11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
B	12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

DATE	DESCRIPTION	DATE	DESCRIPTION
	AWT1982		AWT1982
	SFS		SFS

CLASS / IMP

CLASS / IMP

CONSULT METHOD

CONSULT METHOD

PROFESSIONAL ENGINEER/STATE

PROFESSIONAL ENGINEER/STATE

BURNS & MCDONNELL
 ENGINEERING COMPANY, INC.
 STATE LICENSE # FOL 01557

BURNS & MCDONNELL
 ENGINEERING COMPANY, INC.
 STATE LICENSE # FOL 01557

DUKE ENERGY

DUKE ENERGY

Piedmont Natural Gas

Piedmont Natural Gas

comment 2020

comment 2020

REGISTRATION NUMBER

REGISTRATION NUMBER

REGISTRATION NUMBER

REGISTRATION NUMBER

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REGISTRATION NUMBER

REGISTRATION NUMBER

REGISTRATION NUMBER

REGISTRATION NUMBER

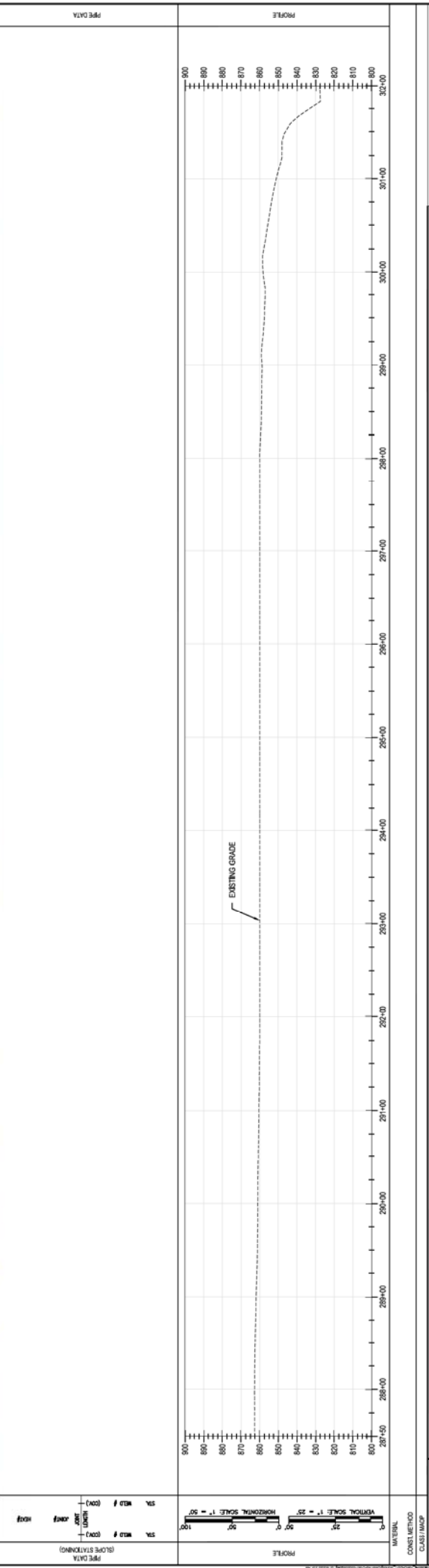
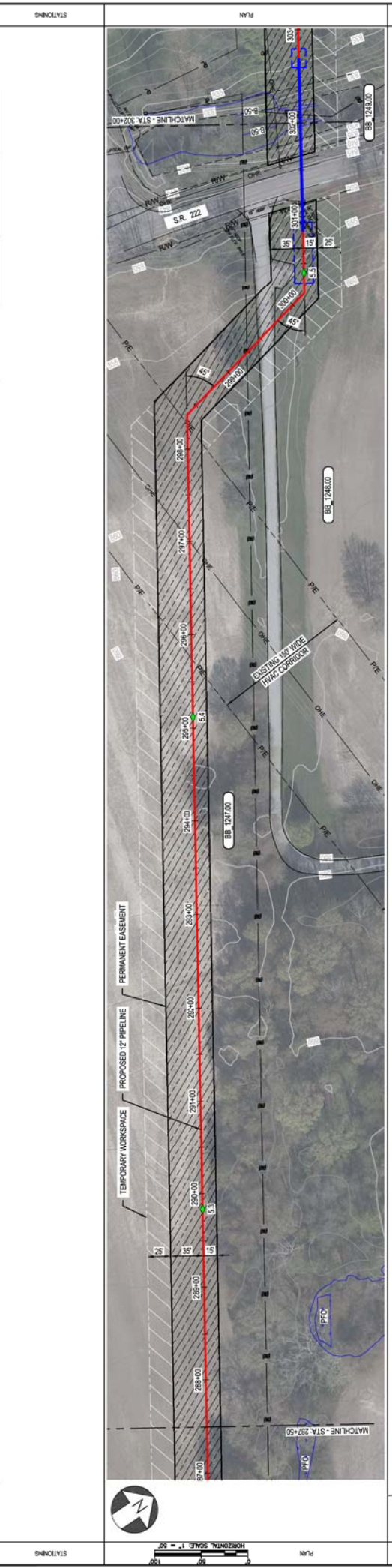
REGISTRATION NUMBER

REGISTRATION NUMBER

REGISTRATION NUMBER

REGISTRATION NUMBER

OWNER/APP	BB 1246.00 & 1247.00 JEFFREY GLINN SINGLETON, TRUSTEE MONROE TOWNSHIP / TATE TOWNSHIP	BB 1246.00 JAMES RIGANES & JANE W. DECATUR TATE TOWNSHIP	BB 1246.00 JAMES RIGANES & JANE W. DECATUR MONROE TOWNSHIP	RIGHT-OF-WAY
JURISDICTION	DUKE ENERGY 12" H/MAC CORRIDOR			
ADVICE				
REVISIONS				
REF. SHEET NO.				
STATIONING				



REF. DWG(S) SEE REFERENCE BAND

DATE: 11-05-2020 ISSUED FOR 10% REVIEW
DATE: 12-18-2020 REVISED 30% DESIGN

BY: SFS (CNS) SFS (IMP) CNS AREA CODE
SFS (IMP) CNS PROJECT NUMBER: AWT1982
SFS (IMP) CNS DRAWING BY: SFS
SFS (IMP) CNS STATION ID: AWP
CHECKER INITIALS: AWP

APPROVALS

DATE	DESCRIPTION	DATE	INITIALS
	REGIONAL ENGINEER		
	MGR. TECH REC & STD		
	PRINCIPAL ENGINEER		

DUKE ENERGY & PIEDMONT NATURAL GAS DRAWINGS ARE CONFIDENTIAL. THIS DRAWING IS CURRENT ONLY THROUGH THE LATEST REVISION DATE. TO ENSURE THERE IS NO RISK OF INAPPROPRIATE DISCLOSURE, ALL PREVIOUS PAPER COPIES OF THIS DRAWING MUST BE DESTROYED IN ACCORDANCE WITH RECORDS & INFO MANAGEMENT (RM).

C367 PIPELINE ALIGNMENT SHEET
CLERMONT COUNTY, OHIO

DUKE ENERGY
Piedmont Natural Gas
CLERMONT, OH

PROFESSIONAL ENGINEER/STATE

REVISION B

DWG DATE: 10/02/2020 | SUPERSEDED
DRAWING NUMBER: PNG -C-367-0002050
DRAWN BY: KHELLOGG007

OWNERSHIP JURISDICTION AVERAGE EASEMENTS REF. DATE NO.

BB 1249.00 JAMES P DAINES & JANE W DECATUR MONROE TOWNSHIP

BB 1251.00 THOMAS G & ANKILL LAMBERT MONROE TOWNSHIP

BB 1254.00 ROBERT E & CELIA CAMPBELL MONROE TOWNSHIP

BB 1260.00 JESSICA A SOUZA MONROE TOWNSHIP

BB 1263.00 RACHEL ANNE & BRIAN DANIEL MANGAN MONROE TOWNSHIP

RIGHT-OF-WAY

STATIONING

STATIONING



PLAN
HORIZONTAL SCALE 1" = 50'
VERTICAL SCALE 1" = 20'

PREF DATA
DATE 11/05/2020
DRAWN BY SFS
CHECKED BY SFS
SCALE 1" = 20'



MATERIAL CONCRETE METHOD CLASS I/IMP

REF. DWG(S) SEE REFERENCE BAND

PROF SCALE 1" = 20'
HORIZONTAL SCALE 1" = 50'

DUKE ENERGY & PIEDMONT NATURAL GAS DRAWINGS ARE CONFIDENTIAL. THIS DRAWING IS CURRENT ONLY THROUGH THE LATEST REVISION DATE. TO ENSURE THERE IS NO RISK OF INAPPROPRIATE DISCLOSURE, ALL PREVIOUS PAPER COPIES OF THIS DRAWING MUST BE DESTROYED IN ACCORDANCE WITH RECORDS & INFO MANAGEMENT (RM).

DUKE ENERGY | **Piedmont Natural Gas**

C367 PIPELINE ALIGNMENT SHEET CLERMONT COUNTY, OHIO

REVISION: B
DRAWING NUMBER: PNG -C-367-0002051
DWG DATE: 10/06/2020
DRAWN BY: SFS
CHECKED BY: SFS

DATE	REVISION DESCRIPTION	BY (CNS)	DESCRIPTION	DATE	REVISION
11-05-2020	ISSUED FOR 10% REVIEW	SFS	IMP CNS AREA CODE		
12-18-2020	REVISED 30% DESIGN	SFS	PROJECT NUMBER / AW1982		

APPROVALS

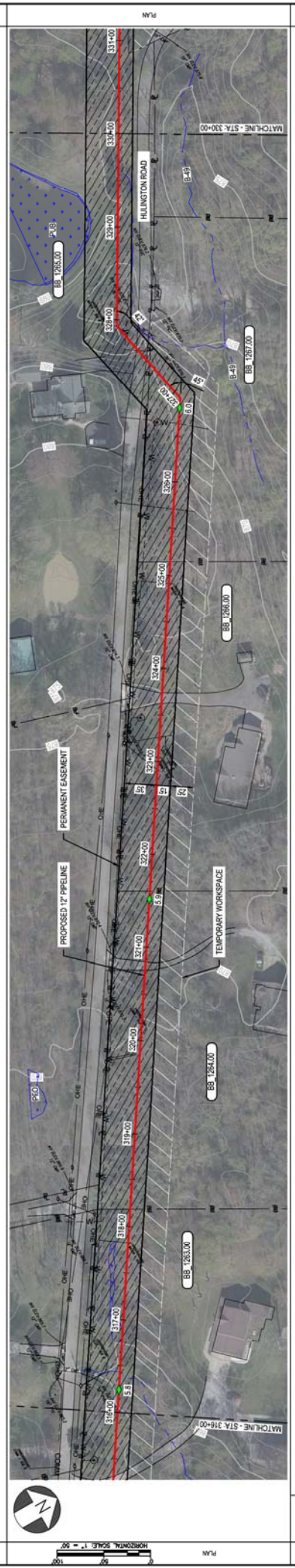
DATE	INITIALS	DATE	INITIALS

REGIONAL ENGINEER: SFS
MGR. TECH REC & STD: SFS
PRINCIPAL ENGINEER: JMP

PROFESSIONAL ENGINEER/STAMP

OWNER/APP	BB 1265.00	BB 1265.00	BB 1265.00	BB 1265.00	BB 1265.00	BB 1265.00	BB 1265.00
JURISDICTION	RACHEL ANNE & BRIAN DANIEL MUNGAN	GREGORY A & SANDRA BOONE	ALEXANDER ROBERT & SAMANTHA KAYLEIGH TINCHER	JENNIFER L & JOHN T SCHMIDT	JANICE LEE HERZOG		
ADDRESS	MONROE TOWNSHIP	MONROE TOWNSHIP	MONROE TOWNSHIP	MONROE TOWNSHIP	MONROE TOWNSHIP		
PERMITS							
REF. DRG. NO.							

STATIONING	
PLAN	



DATE	DESCRIPTION	BY	CHK	APP
11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

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C367 PIPELINE ALIGNMENT SHEET
CLERMONT COUNTY, OHIO

DUKE ENERGY
Piedmont Natural Gas

REG. CIVIL ENGINEER
MUR & STD
PRINCIPAL ENGINEER

APPROVALS

DATE	DESCRIPTION	BY	CHK	APP

PROFESSIONAL ENGINEER/STAMP

REF. DWG(S) SEE REFERENCE BAND

SHEETS 1 OF X DWG SCALE AS NOTED

DWG DATE 10/02/2020 SUPERSEDED

DRAWING NUMBER PNG -C-367-0002052

REVISION B

DATE 10/02/2020

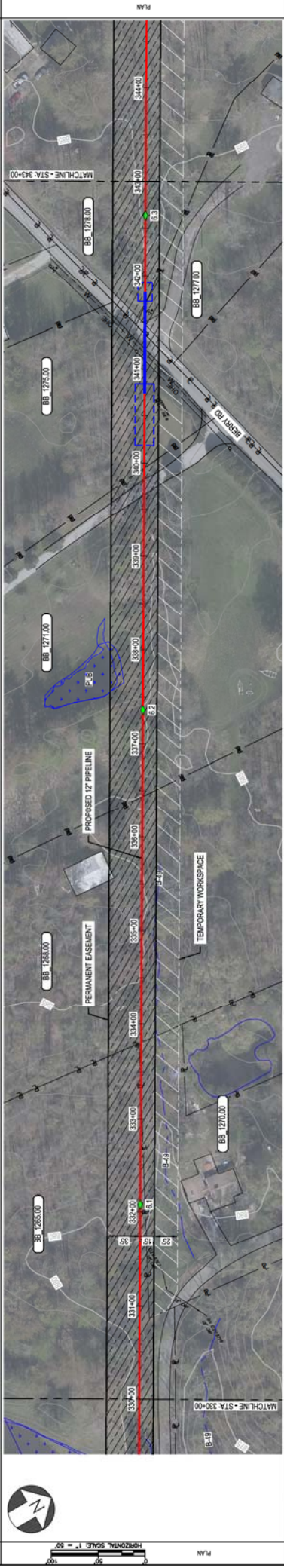
BY SFS

CHK JMP

APP CNS

OWNER/APP	BB-1285.00 JANICE LEE HERZOG MONROE TOWNSHIP	BB-1271.00 SHENANDOAH WAHLEN MONROE TOWNSHIP	BB-1271.00 SHENANDOAH WAHLEN MONROE TOWNSHIP	BB-1277.00 JACK CONNERS JR MONROE TOWNSHIP	BB-1278.00 DANIEL LEE BALOGS MONROE TOWNSHIP
JURISDICTION	MONROE TOWNSHIP	MONROE TOWNSHIP	MONROE TOWNSHIP	MONROE TOWNSHIP	MONROE TOWNSHIP
ADVICE					
REVISIONS					
REF. DWG. NO.					

STATIONING	
STATIONING	



MATERIAL	
CONCRETE METHOD	
CLASS/IMP	
CLASS/IMP	

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REV.	DATE	REVISION DESCRIPTION	BY	CHK	APP	DESCRIPTION
A	11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS	AREA CODE
B	12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS	PROJECT NUMBER / AW1982

APPROVALS	DATE	INITIALS
REGIONAL ENGINEER		
MGR. TECH REC & STD		
PRINCIPAL ENGINEER		

DUKE ENERGY
PIEDMONT NATURAL GAS

C367 PIPELINE
ALIGNMENT SHEET
CLERMONT COUNTY, OHIO

REF. DWG(S) SEE REFERENCE BAND
SHEETS: 1 OF X
DWG DATE: 10/12/2020
DRAWING NUMBER: PNG-C-367-0002053
DRAFTER: KHELLOGG, ON

PROFESSIONAL ENGINEER/STAMP

OWNER: BB-17174.00
 CLEER CHRISTIAN ASSEMBLY INC
 MONROE TOWNSHIP

DESIGNER: BB-17174.00
 DANIEL LEE BALOG
 MONROE TOWNSHIP

PROJECT: BB-17174.00
 CLEER CHRISTIAN ASSEMBLY INC
 MONROE TOWNSHIP

RIGHT-OF-WAY
 JURISDICTION
 ADDRESS
 EASEMENTS
 REF. DWG. NO.

STATIONING
 PLAN
 PROFILE



DATE	REVISION DESCRIPTION	BY	CHK	APP
11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

DATE	DESCRIPTION	DATE	INITIALS
	PROJECT NUMBER / AWT1982		
	DRAWING BY / SFS		
	STATION ID /		
	CHECKER INITIALS / JMP		

DATE	REVISION DESCRIPTION	BY	CHK	APP
11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

DATE	REVISION DESCRIPTION	BY	CHK	APP
	PROJECT NUMBER / AWT1982			
	DRAWING BY / SFS			
	STATION ID /			
	CHECKER INITIALS / JMP			

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DUKE ENERGY
 Piedmont Natural Gas

REGIONAL ENGINEER
 MGR. TECH REC & STD
 PRINCIPAL ENGINEER

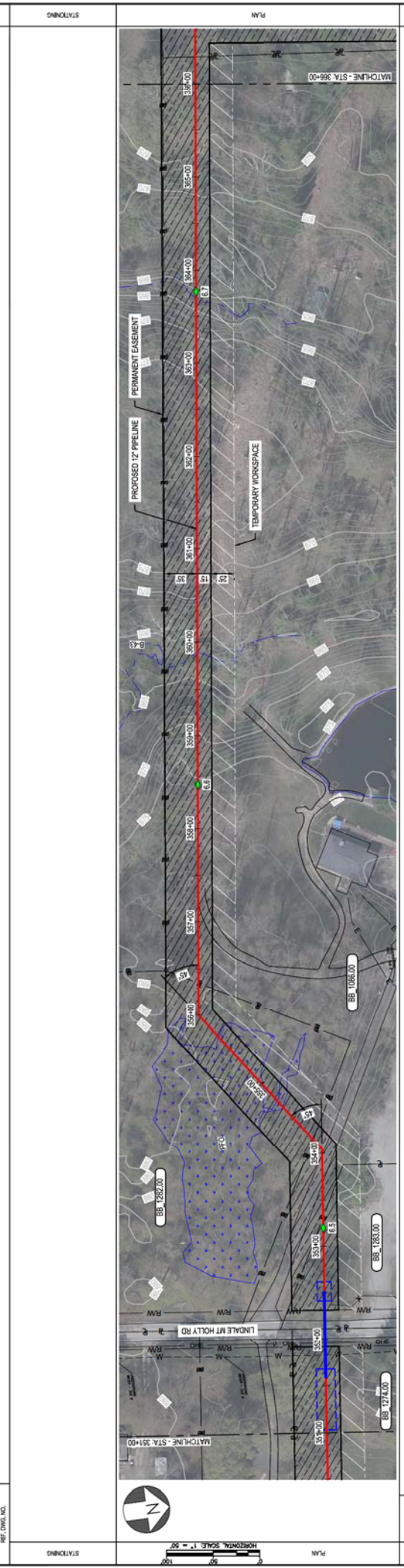
comment 2020

SEE REFERENCE BAND

SHEETS: 1 OF X
 DWG SCALE: AS NOTED
 DWG DATE: 10/12/2020
 SUPERSEDED DRAWING NUMBER: PNG -C-367-0002054
 REVISION: B

PROFESSIONAL ENGINEER'S STAMP

OWNER #	BB-17274.00	CLIENT	CLER CHRISTIAN ASSEMBLY INC	TOWNSHIP	MONROE TOWNSHIP	DATE	11/05/2020	REVISION	A
JURISDICTION	BB-17274.00	CLIENT	CLER CHRISTIAN ASSEMBLY INC	TOWNSHIP	MONROE TOWNSHIP	DATE	12-18-2020	REVISION	B
ADDRESS	BB-12827.00	CLIENT	DOONNA K BAKER	TOWNSHIP	MONROE TOWNSHIP	DATE	11-05-2020	REVISION	
PERMITS	BB-12827.00	CLIENT	DOONNA K BAKER	TOWNSHIP	MONROE TOWNSHIP	DATE	11-05-2020	REVISION	
STATIONING	BB-12827.00	CLIENT	DOONNA K BAKER	TOWNSHIP	MONROE TOWNSHIP	DATE	11-05-2020	REVISION	
RIGHT-OF-WAY	BB-10861.00	CLIENT	DOONNA K BAKER	TOWNSHIP	MONROE TOWNSHIP	DATE	11-05-2020	REVISION	



DATE	11-05-2020	ISSUED FOR 10% REVIEW	BY	SFS	IMP	CNS	AREA CODE	AWT1982
DATE	12-18-2020	REVISED 30% DESIGN	BY	SFS	IMP	CNS	PROJECT NUMBER	AWT1982
DATE			DRAWING BY	SFS			STATION ID	
DATE			CHECKER INITIALS	AMP				

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DUKE ENERGY | **Piedmont Natural Gas**

C367 PIPELINE ALIGNMENT SHEET
CLERMONT COUNTY, OHIO

REG. DWG(S) SEE REFERENCE BND
SHEETS 1 OF X
DWG DATE 10/13/2020
DRAWING NUMBER PNG -C-367-0002055
DRAWN BY
CHECKED BY
DATE

PROFESSIONAL ENGINEER/STAMP

OWNERSHIP
JURISDICTION
ADJACENT
EASEMENTS

BB 1285.00
SUSAN POPE
MONROE TOWNSHIP

BB 1280.00
STEFELD & KATYA A DAVIS
MONROE TOWNSHIP

BB 1285.00
DANIEL & MIA SHEPARD
MONROE TOWNSHIP

REF. DWG. NO.

STATIONING

PLAN

PROFILE

PFC DATA



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ISSUED FOR 10% REVIEW
REVISED 30% DESIGN

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C367 PIPELINE
ALIGNMENT SHEET
CLERMONT COUNTY, OHIO

SEE REFERENCE BAND

1 OF X
DWG DATE 10/13/2020
SUPERSEDED
DRAWING NUMBER
PNG - C-367-0002058
DWG LOGO/ID

APPROVALS

DATE	BY	CHK	APP	DESCRIPTION
11-05-2020	SFS	JMP	CNS	AREA CODE
12-18-2020	SFS	JMP	CNS	ACCOUNT NUMBER / AWT1982
	SFS			PROJECT NUMBER / AWT1982
	SFS			DRAWING BY
	SFS			STATION ID
	JMP			CHECKER INITIALS

REGIONAL ENGINEER
MUR TECH REC & STD
PRINCIPAL ENGINEER



comment 200

RES. 1285.00
SUSAN POPE
MONROE TOWNSHIP

RES. 1280.00
STEFELD & KATYA A DAVIS
MONROE TOWNSHIP

RES. 1285.00
DANIEL & MIA SHEPARD
MONROE TOWNSHIP

REF. DWG(S) SEE REFERENCE BAND

1 OF X
DWG DATE 10/13/2020
SUPERSEDED
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PNG - C-367-0002058
DWG LOGO/ID

APPROVALS

DATE	BY	CHK	APP	DESCRIPTION
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12-18-2020	SFS	JMP	CNS	ACCOUNT NUMBER / AWT1982
	SFS			PROJECT NUMBER / AWT1982
	SFS			DRAWING BY
	SFS			STATION ID
	JMP			CHECKER INITIALS

REGIONAL ENGINEER
MUR TECH REC & STD
PRINCIPAL ENGINEER



comment 200

RES. 1285.00
SUSAN POPE
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REF. DWG(S) SEE REFERENCE BAND

1 OF X
DWG DATE 10/13/2020
SUPERSEDED
DRAWING NUMBER
PNG - C-367-0002058
DWG LOGO/ID

APPROVALS

DATE	BY	CHK	APP	DESCRIPTION
11-05-2020	SFS	JMP	CNS	AREA CODE
12-18-2020	SFS	JMP	CNS	ACCOUNT NUMBER / AWT1982
	SFS			PROJECT NUMBER / AWT1982
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	SFS			STATION ID
	JMP			CHECKER INITIALS

REGIONAL ENGINEER
MUR TECH REC & STD
PRINCIPAL ENGINEER



comment 200

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REF. DWG(S) SEE REFERENCE BAND

1 OF X
DWG DATE 10/13/2020
SUPERSEDED
DRAWING NUMBER
PNG - C-367-0002058
DWG LOGO/ID

APPROVALS

DATE	BY	CHK	APP	DESCRIPTION
11-05-2020	SFS	JMP	CNS	AREA CODE
12-18-2020	SFS	JMP	CNS	ACCOUNT NUMBER / AWT1982
	SFS			PROJECT NUMBER / AWT1982
	SFS			DRAWING BY
	SFS			STATION ID
	JMP			CHECKER INITIALS

REGIONAL ENGINEER
MUR TECH REC & STD
PRINCIPAL ENGINEER



comment 200

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MONROE TOWNSHIP

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REF. DWG(S) SEE REFERENCE BAND

1 OF X
DWG DATE 10/13/2020
SUPERSEDED
DRAWING NUMBER
PNG - C-367-0002058
DWG LOGO/ID

APPROVALS

DATE	BY	CHK	APP	DESCRIPTION
11-05-2020	SFS	JMP	CNS	AREA CODE
12-18-2020	SFS	JMP	CNS	ACCOUNT NUMBER / AWT1982
	SFS			PROJECT NUMBER / AWT1982
	SFS			DRAWING BY
	SFS			STATION ID
	JMP			CHECKER INITIALS

REGIONAL ENGINEER
MUR TECH REC & STD
PRINCIPAL ENGINEER



comment 200

RES. 1285.00
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REF. DWG(S) SEE REFERENCE BAND

1 OF X
DWG DATE 10/13/2020
SUPERSEDED
DRAWING NUMBER
PNG - C-367-0002058
DWG LOGO/ID

APPROVALS

DATE	BY	CHK	APP	DESCRIPTION
11-05-2020	SFS	JMP	CNS	AREA CODE
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REGIONAL ENGINEER
MUR TECH REC & STD
PRINCIPAL ENGINEER



comment 200

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RES. 1285.00
DANIEL & MIA SHEPARD
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REF. DWG(S) SEE REFERENCE BAND

1 OF X
DWG DATE 10/13/2020
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DRAWING NUMBER
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DWG LOGO/ID

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12-18-2020	SFS	JMP	CNS	ACCOUNT NUMBER / AWT1982
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PRINCIPAL ENGINEER



comment 200

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RES. 1285.00
DANIEL & MIA SHEPARD
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REF. DWG(S) SEE REFERENCE BAND

1 OF X
DWG DATE 10/13/2020
SUPERSEDED
DRAWING NUMBER
PNG - C-367-0002058
DWG LOGO/ID

APPROVALS

DATE	BY	CHK	APP	DESCRIPTION
11-05-2020	SFS	JMP	CNS	AREA CODE
12-18-2020	SFS	JMP	CNS	ACCOUNT NUMBER / AWT1982
	SFS			PROJECT NUMBER / AWT1982
	SFS			DRAWING BY
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REGIONAL ENGINEER
MUR TECH REC & STD
PRINCIPAL ENGINEER



comment 200

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STEFELD & KATYA A DAVIS
MONROE TOWNSHIP

RES. 1285.00
DANIEL & MIA SHEPARD
MONROE TOWNSHIP

REF. DWG(S) SEE REFERENCE BAND

1 OF X
DWG DATE 10/13/2020
SUPERSEDED
DRAWING NUMBER
PNG - C-367-0002058
DWG LOGO/ID

APPROVALS

DATE	BY	CHK	APP	DESCRIPTION
11-05-2020	SFS	JMP	CNS	AREA CODE
12-18-2020	SFS	JMP	CNS	ACCOUNT NUMBER / AWT1982
	SFS			PROJECT NUMBER / AWT1982
	SFS			DRAWING BY
	SFS			STATION ID
	JMP			CHECKER INITIALS

REGIONAL ENGINEER
MUR TECH REC & STD
PRINCIPAL ENGINEER



comment 200

RES. 1285.00
SUSAN POPE
MONROE TOWNSHIP

RES. 1280.00
STEFELD & KATYA A DAVIS
MONROE TOWNSHIP

RES. 1285.00
DANIEL & MIA SHEPARD
MONROE TOWNSHIP

REF. DWG(S) SEE REFERENCE BAND

1 OF X
DWG DATE 10/13/2020
SUPERSEDED
DRAWING NUMBER
PNG - C-367-0002058
DWG LOGO/ID

APPROVALS

DATE	BY	CHK	APP	DESCRIPTION
11-05-2020	SFS	JMP	CNS	AREA CODE
12-18-2020	SFS	JMP	CNS	ACCOUNT NUMBER / AWT1982
	SFS			PROJECT NUMBER / AWT1982
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	SFS			STATION ID
	JMP			CHECKER INITIALS

REGIONAL ENGINEER
MUR TECH REC & STD
PRINCIPAL ENGINEER



comment 200

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MONROE TOWNSHIP

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STEFELD & KATYA A DAVIS
MONROE TOWNSHIP

RES. 1285.00
DANIEL & MIA SHEPARD
MONROE TOWNSHIP

REF. DWG(S) SEE REFERENCE BAND

1 OF X
DWG DATE 10/13/2020
SUPERSEDED
DRAWING NUMBER
PNG - C-367-0002058
DWG LOGO/ID

APPROVALS

DATE	BY	CHK	APP	DESCRIPTION
11-05-2020	SFS	JMP	CNS	AREA CODE
12-18-2020	SFS	JMP	CNS	ACCOUNT NUMBER / AWT1982
	SFS			PROJECT NUMBER / AWT1982
	SFS			DRAWING BY
	SFS			STATION ID
	JMP			CHECKER INITIALS

REGIONAL ENGINEER
MUR TECH REC & STD
PRINCIPAL ENGINEER



comment 200

RES. 1285.00
SUSAN POPE
MONROE TOWNSHIP

RES. 1280.00
STEFELD & KATYA A DAVIS
MONROE TOWNSHIP

RES. 1285.00
DANIEL & MIA SHEPARD
MONROE TOWNSHIP

REF. DWG(S) SEE REFERENCE BAND

1 OF X
DWG DATE 10/13/2020
SUPERSEDED
DRAWING NUMBER
PNG - C-367-0002058
DWG LOGO/ID

APPROVALS

DATE	BY	CHK	APP	DESCRIPTION
11-05-2020	SFS	JMP	CNS	AREA CODE
12-18-2020	SFS	JMP	CNS	ACCOUNT NUMBER / AWT1982
	SFS			PROJECT NUMBER / AWT1982
	SFS			DRAWING BY
	SFS			STATION ID
	JMP			CHECKER INITIALS

REGIONAL ENGINEER
MUR TECH REC & STD
PRINCIPAL ENGINEER



comment 200

RES. 1285.00
SUSAN POPE
MONROE TOWNSHIP

RES. 1280.00
STEFELD & KATYA A DAVIS
MONROE TOWNSHIP

RES. 1285.00
DANIEL & MIA SHEPARD
MONROE TOWNSHIP

REF. DWG(S) SEE REFERENCE BAND

1 OF X
DWG DATE 10/13/2020
SUPERSEDED
DRAWING NUMBER
PNG - C-367-0002058
DWG LOGO/ID

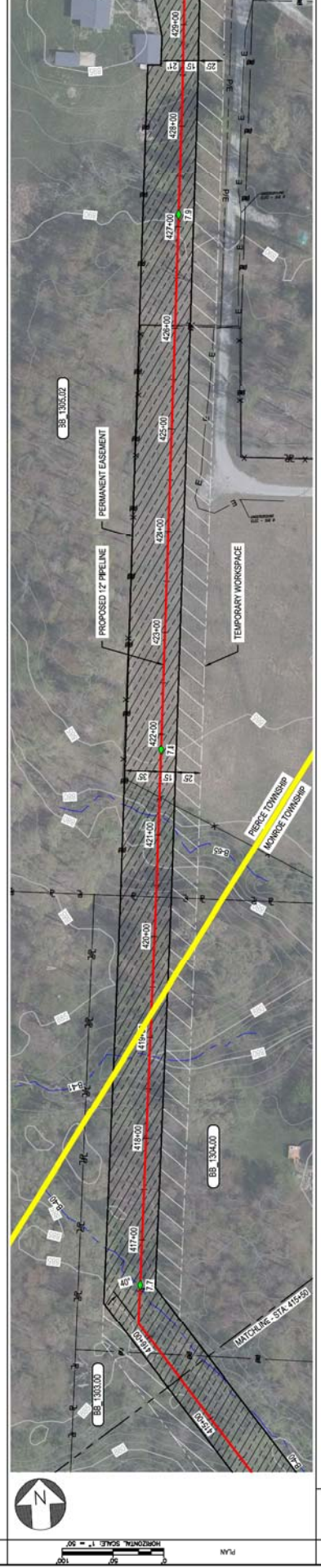
APPROVALS

DATE	BY	CHK	APP	DESCRIPTION
11-05-2020	SFS	JMP	CNS	AREA CODE
12-18-2020	SFS	JMP	CNS	ACCOUNT NUMBER / AWT1982
	SFS			PROJECT NUMBER / AWT1982
	SFS			DRAWING BY
	SFS			STATION ID
	JMP			CHECKER INITIALS

REGIONAL

OWNER BB-1300.00 AMMERMAN INVESTMENTS LLC
JURISDICTION MONROE TOWNSHIP
ADDRESS PIERCE TOWNSHIP
PERMITS BB-1300.00
DATE 11/06/2020

DESIGNER BB-1300.00 JOHNN CALLELL
JURISDICTION MONROE TOWNSHIP
ADDRESS MONROE TOWNSHIP
PERMITS BB-1300.00
DATE 11/06/2020



NO.	DATE	REVISION DESCRIPTION	BY	CHK	APP	DESCRIPTION
A	11-06-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS	AREA CODE / AW1982
B	12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS	PROJECT NUMBER / AW1982
						DRAWING BY / SFS
						STATION ID /
						CHECKER INITIALS / JMP

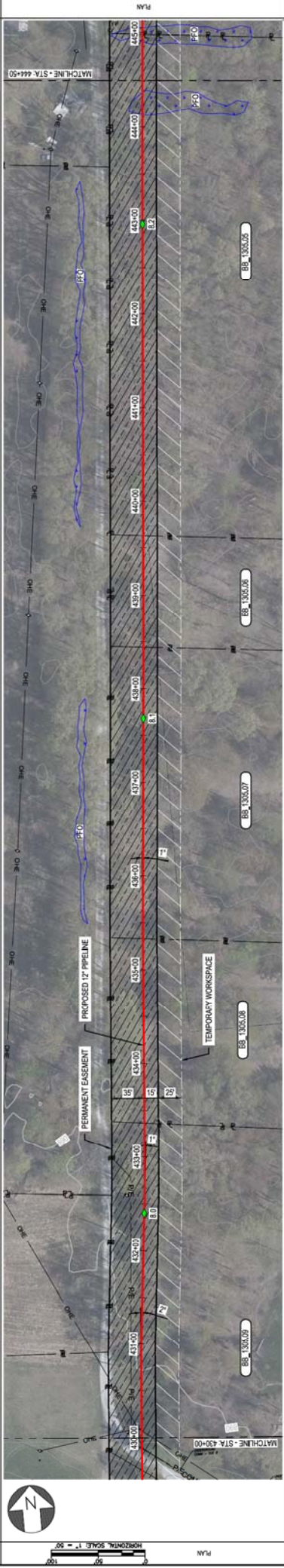
BURNS & MCDONNELL ENGINEERING COMPANY, INC. STATE LICENSE # FOL 01507
 DUKE ENERGY & PIEDMONT NATURAL GAS DRAWINGS ARE CONFIDENTIAL. DRAWING IS CURRENT ONLY THROUGH THE LATEST REVISION DATE. TO ENSURE THERE IS NO RISK OF INAPPROPRIATE DISCLOSURE, ALL PREVIOUS PAPER COPIES OF THIS DRAWING MUST BE DESTROYED IN ACCORDANCE WITH RECORDS & INFO MANAGEMENT (RM).
 REF. DWG(S) SEE REFERENCE BAND
 SHEETS: 1 OF X DWG SCALE AS NOTED
 DWG DATE 10/13/2020 SUPERSEDED
 DRAWING NUMBER
 PNC -C-367-0002060
 CLEVELAND, OH

C367 PIPELINE ALIGNMENT SHEET
CLERMONT COUNTY, OHIO
 KELLWOOD, OH

DUKE ENERGY
 Piedmont Natural Gas
 commitment 2020

OWNER #	BB-1305.09	BB-1305.08	BB-1305.07	BB-1305.06	BB-1305.05
JURISDICTION	THOMAS SCUMMAN PERCE TOWNSHIP	JERRY & DEBRA MALLNER PERCE TOWNSHIP	ROBERT WA GEORAH VINSON PERCE TOWNSHIP	JERRY LEBRA MALLNER PERCE TOWNSHIP	EDWARD J. FEROS & GEORAH BROODMAN RICS PERCE TOWNSHIP
ADDRESS					
PERMITS					
REF. DWG. NO.					

STATIONING	PLAN
STATIONING	PROFILE



DATE	11-05-2020	12-18-2020
REVISION DESCRIPTION	ISSUED FOR 10% REVIEW	REVISED 30% DESIGN
BY	SFS	SFS
CHECKER	JMP	JMP

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DUKE ENERGY | **Piedmont Natural Gas**

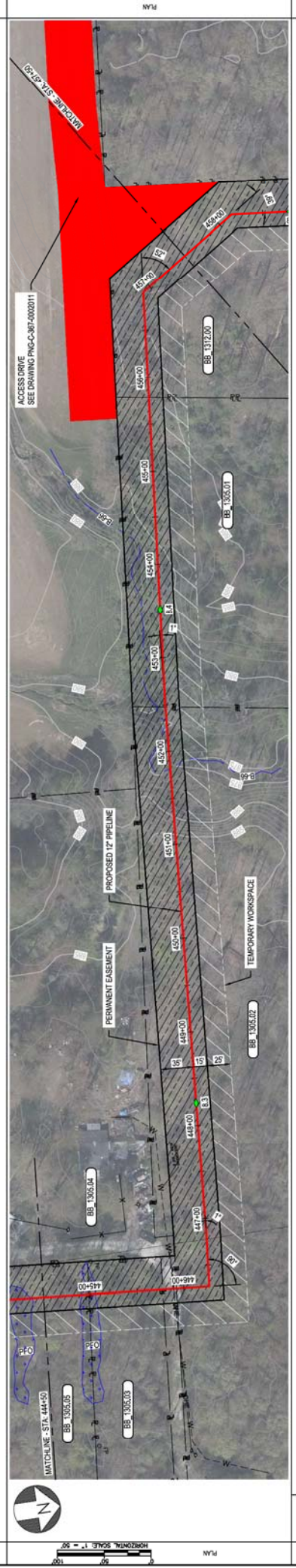
C367 PIPELINE ALIGNMENT SHEET
CLERMONT COUNTY, OHIO

REG. DWG(S) SEE REFERENCE BND
SHEETS 1 OF X
DWG DATE 10/13/2020
DRAWING NUMBER PNG-C-367-0002061
SUPERSEDED
REVISION B

PROFESSIONAL ENGINEER'S STAMP

OWNER/APP	EDWARD PERAS & DEBRAH BROCKMAN RIOS PIERCE TOWNSHIP	BB 1305.0A KENNETH HILLER PIERCE TOWNSHIP	BB 1305.0B AMMERMAN INVESTMENTS LLC PIERCE TOWNSHIP	BB 1305.0C ROL PROPERTIES LLC PIERCE TOWNSHIP	BB 1317.00 EDGAR R LANSKA PIERCE TOWNSHIP
JURISDICTION	PIERCE TOWNSHIP	PIERCE TOWNSHIP	PIERCE TOWNSHIP	PIERCE TOWNSHIP	PIERCE TOWNSHIP
ADVISOR					
REVISIONS					
REF. DWG. NO.					

STATIONING	
PLAN	



DATE	REVISION DESCRIPTION	BY	CHK	APP
A 11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
B 12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

DUKE ENERGY & PIEDMONT NATURAL GAS DRAWINGS ARE CONFIDENTIAL. DRAWING IS CURRENT ONLY THROUGH THE LATEST REVISION DATE. TO ENSURE THERE IS NO RISK OF INAPPROPRIATE DISCLOSURE, ALL PREVIOUS PAPER COPIES OF THIS DRAWING MUST BE DESTROYED IN ACCORDANCE WITH RECORDS & INFO MANAGEMENT (RM).

DUKE ENERGY | **Piedmont Natural Gas**

C367 PIPELINE ALIGNMENT SHEET
CLERMONT COUNTY, OHIO

REG. NO. 10142020 | SUPERSEDED
DRAWING NUMBER: PNG - C-367-0002062
DOWNSHAFT: KELLWOOD

REG. DATE: 11-05-2020 | REVIEWED: SFS
REG. DATE: 12-18-2020 | REVISED: SFS

PROJECT NUMBER: AW1982
DRAWING BY: SFS
STATION ID: []
CHECKER INITIALS: JMP

REGIONAL ENGINEER: []
MGR. TECH REC & STD: []
PRINCIPAL ENGINEER: []

CONSULTANT: []

CLASS/IMP: []

CONCRETE METHOD: []

CLASSIFICATION: []

OWNERSHIP
 JURISDICTION
 ADDRESS
 PERCENTAGE
 PERCENT TOWNSHIP

BB-13172.00
 EDGAR BRANSON
 PERCE TOWNSHIP

STATIONING

PLAN

PROFILE

REF. DWG(S) SEE REFERENCE BAND

SHEETS 1 OF X DWG SCALE AS NOTED

DWG DATE 10/14/2020 SUPERSEDED

DRAWING NUMBER

PNG -C-367-0002063

REVISION

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PLAN
 HORIZONTAL SCALE 1" = 50'

PROFILE
 VERTICAL SCALE 1" = 25'

EXISTING GRADE

PROPOSED 12" PIPELINE

PERMANENT EASEMENT

TEMPORARY WORKSPACE

BB-13172.00

MATCHLINE STA 470+00

MATCHLINE STA 457+50

PKE MAH HWY 125/222

COM

STATIONING

PLAN

PROFILE

REF. DWG(S) SEE REFERENCE BAND

SHEETS 1 OF X DWG SCALE AS NOTED

DWG DATE 10/14/2020 SUPERSEDED

DRAWING NUMBER

PNG -C-367-0002063

REVISION

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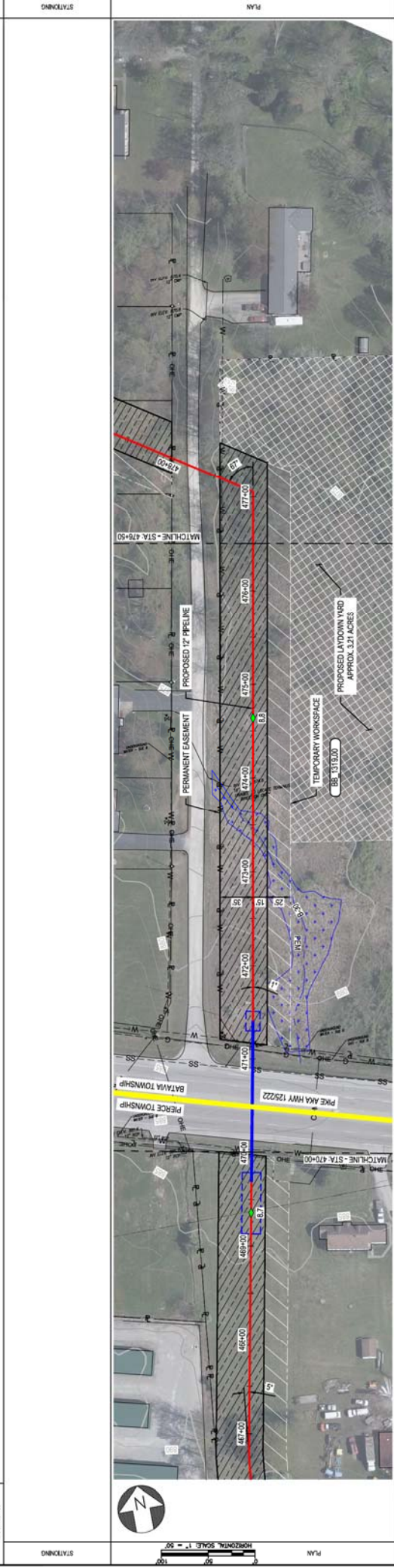
CLASS/IMP

CLASS/IMP

OWNER: BATAVA TOWNSHIP
 JURISDICTION: PERCE TOWNSHIP
 ADDRESS: BATAVA TOWNSHIP
 EASEMENTS: NONE

DATE: 11/05/2020
 REVISION: 10/14/2020
 DRAWING NUMBER: PNG-C-367-0002064
 SHEETS: 1 OF X
 DWG SCALE: AS NOTED
 SUPERSEDED: NO

PROJECT: C367 PIPELINE ALIGNMENT SHEET
 CLIENT: CLERMONT COUNTY, OHIO
 ENGINEER: KEILLOOG, OH



DATE	REVISION DESCRIPTION	BY	CHK	APP
11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

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DUKE ENERGY | **Piedmont Natural Gas**

C367 PIPELINE ALIGNMENT SHEET
CLERMONT COUNTY, OHIO

PROFESSIONAL ENGINEER'S STAMP

OWNER: LOG JUST RICE LAND COMPANY LLC
 JURISDICTION: BATAVIA TOWNSHIP

DATE: 10/14/2020
 DRAWING NUMBER: PNG -C-367-0002066
 REVISION: B

PROJECT: C367 PIPELINE
 ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO

DUKE ENERGY
 Piedmont Natural Gas
 PROJECT MANAGER: JIM
 ENGINEER: JIM

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DATE: 11-05-2020
 DESCRIPTION: ISSUED FOR 10% REVIEW
 DATE: 12-18-2020
 DESCRIPTION: REVISED 30% DESIGN

BY: SFS
 CHECKER: SFS
 PROJECT NUMBER: AW1982
 DRAWING BY: SFS
 STATION ID: SFS
 CHECKER INITIALS: JIM

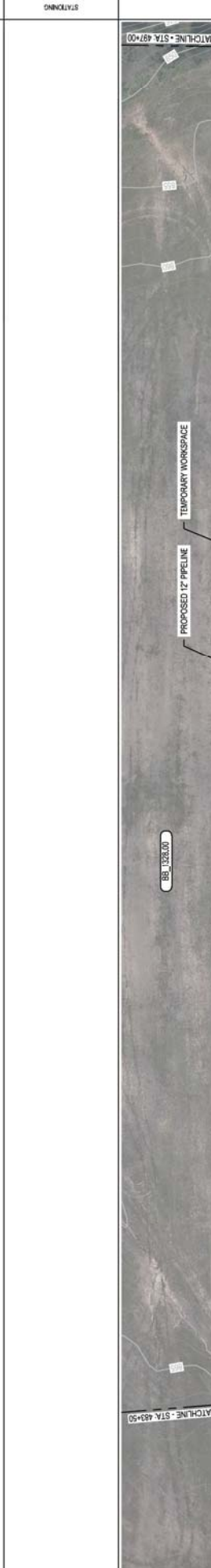
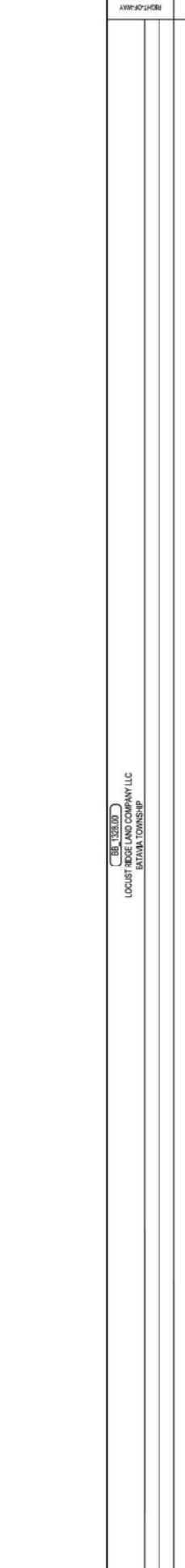
DATE: 11-05-2020
 DESCRIPTION: ISSUED FOR 10% REVIEW
 DATE: 12-18-2020
 DESCRIPTION: REVISED 30% DESIGN

BY: SFS
 CHECKER: SFS
 PROJECT NUMBER: AW1982
 DRAWING BY: SFS
 STATION ID: SFS
 CHECKER INITIALS: JIM

DATE: 11-05-2020
 DESCRIPTION: ISSUED FOR 10% REVIEW
 DATE: 12-18-2020
 DESCRIPTION: REVISED 30% DESIGN

BY: SFS
 CHECKER: SFS
 PROJECT NUMBER: AW1982
 DRAWING BY: SFS
 STATION ID: SFS
 CHECKER INITIALS: JIM

DATE: 11-05-2020
 DESCRIPTION: ISSUED FOR 10% REVIEW
 DATE: 12-18-2020
 DESCRIPTION: REVISED 30% DESIGN



DATE	DESCRIPTION	BY	CHECKER
11-05-2020	ISSUED FOR 10% REVIEW	SFS	SFS
12-18-2020	REVISED 30% DESIGN	SFS	SFS

DATE	DESCRIPTION	BY	CHECKER
11-05-2020	ISSUED FOR 10% REVIEW	SFS	SFS
12-18-2020	REVISED 30% DESIGN	SFS	SFS

DATE	DESCRIPTION	BY	CHECKER
11-05-2020	ISSUED FOR 10% REVIEW	SFS	SFS
12-18-2020	REVISED 30% DESIGN	SFS	SFS

DATE	DESCRIPTION	BY	CHECKER
11-05-2020	ISSUED FOR 10% REVIEW	SFS	SFS
12-18-2020	REVISED 30% DESIGN	SFS	SFS

DATE	DESCRIPTION	BY	CHECKER
11-05-2020	ISSUED FOR 10% REVIEW	SFS	SFS
12-18-2020	REVISED 30% DESIGN	SFS	SFS

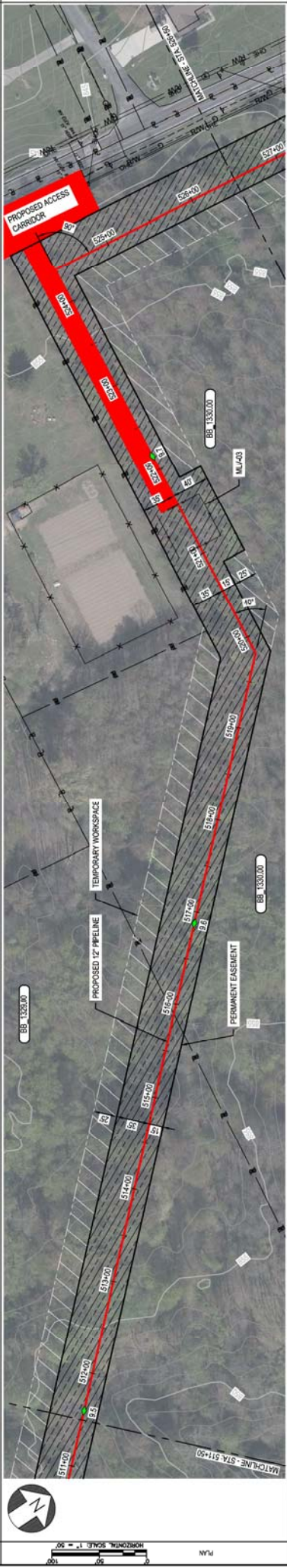
DATE	DESCRIPTION	BY	CHECKER
11-05-2020	ISSUED FOR 10% REVIEW	SFS	SFS
12-18-2020	REVISED 30% DESIGN	SFS	SFS

DATE	DESCRIPTION	BY	CHECKER
11-05-2020	ISSUED FOR 10% REVIEW	SFS	SFS
12-18-2020	REVISED 30% DESIGN	SFS	SFS

DATE	DESCRIPTION	BY	CHECKER
11-05-2020	ISSUED FOR 10% REVIEW	SFS	SFS
12-18-2020	REVISED 30% DESIGN	SFS	SFS

OWNER: BB 1330.00 WEST CLEMONT ED OF EDUCATION BATAVIA TOWNSHIP
 JURISDICTION: WEST CLEMONT ED OF EDUCATION BATAVIA TOWNSHIP
 ADDRESS: BATAVIA TOWNSHIP
 PERMITS: BATAVIA TOWNSHIP
 REF. DWG. NO.: BB 1330.00

STATIONING: 511+00 TO 527+00
 PLAN: SEE REFERENCE BAND



VERTICAL SCALE 1" = 25'
 HORIZONTAL SCALE 1" = 50'

DATE	REVISION DESCRIPTION	BY	CHK	APP
11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

NO.	DATE	REVISION DESCRIPTION	BY	CHK	APP
A	11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
B	12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

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 REF. DWG(S): SEE REFERENCE BAND

DUKE ENERGY

Piedmont Natural Gas

commitment 2020

C367 PIPELINE

ALIGNMENT SHEET

CLERMONT COUNTY, OHIO

REGISTRATION NO.	REGISTRATION STATE	REGISTRATION EXPIRES
1000000000	OHIO	12/31/2023

DRAWING NUMBER: PNG-C-367-0002068
 SHEETS: 1 OF X
 DWG DATE: 10/14/2020
 SUPERSEDED: AS NOTED
 DRAWING NUMBER: PNG-C-367-0002068
 DWG DATE: 10/14/2020
 SUPERSEDED: AS NOTED

OWNERSHIP
 JURISDICTION
 ADDRESS
 EASEMENTS

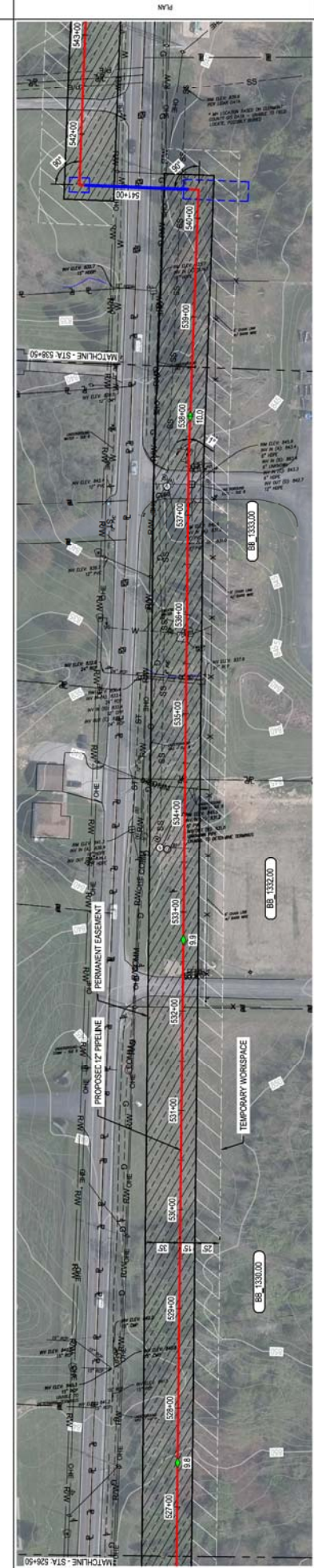
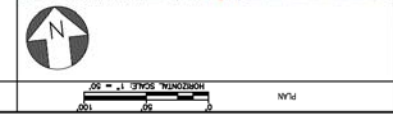
BB 1330.00
 STATE OF OHIO DEPT. OF HIGHWAY
 BATAVIA TOWNSHIP

BB 1330.00
 STATE OF OHIO DEPT. OF HIGHWAY
 BATAVIA TOWNSHIP

BB 1330.00
 STATE OF OHIO
 BATAVIA TOWNSHIP

RIGHT-OF-WAY
 STATIONING

REF. DRAW. NO.
 STATIONING



PRELIMINARY DATA
 (SLOPE STATIONING)

PLAN
 PROFILE

NO.	DATE	REVISIONS DESCRIPTION	BY	CHK	APPR
A	11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
B	12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

REVISIONS DESCRIPTION	BY	CHK	APPR
REVISIONS DESCRIPTION	SFS	JMP	CNS
PROJECT NUMBER	AWT1982		
DRAWING BY	SFS		
CHECKER INITIALS	JMP		

DATE	APPROVALS
DATE	INITIALS
DATE	INITIALS
DATE	INITIALS

REGIONAL ENGINEER	MGR. TECH REC & STD	PRINCIPAL ENGINEER

DUKE ENERGY
 Piedmont Natural Gas
 comment 2020

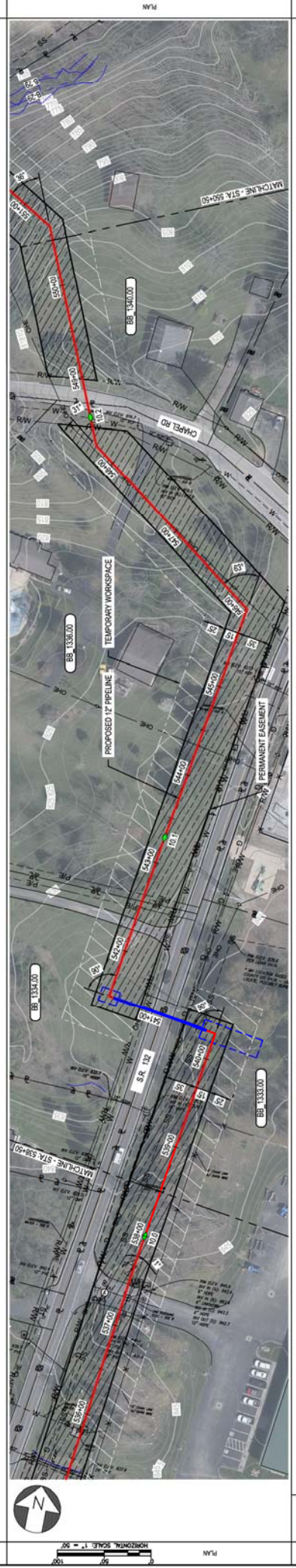
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 REF. DWG(S) SEE REFERENCE BAND
 SHEETS: 1 OF X
 DWG SCALE: AS NOTED
 DWG DATE: 10/14/2020
 SUPERSEDED DRAWING NUMBER: PNG -C-367-0002069
 REVISION: B
 DWELLING: 0007

BURNS & MCDONNELL
 ENGINEERING COMPANY, INC.
 STATE LICENSE # COL 01507

C367 PIPELINE
 ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO
 KELLOGG, OH

OWNER: STATE OF OHIO
 JURISDICTION: BATAVIA TOWNSHIP
 ADDRESS: BATAVIA TOWNSHIP
 EASEMENTS: BATAVIA TOWNSHIP
 REF. DWG. NO.: BB-1333.00
 BB-1333.00
 STATE OF OHIO
 BATAVIA TOWNSHIP
 R/W
 BATAVIA TOWNSHIP
 BB-1333.00
 KEVIN ALEXANDER
 BATAVIA TOWNSHIP
 BB-1336.00
 GREGORY F. HERMIT
 BATAVIA TOWNSHIP
 BB-1347.00
 BECKA COOK
 BATAVIA TOWNSHIP
 R/W
 BATAVIA TOWNSHIP
 BB-1347.00
 BECKA COOK
 BATAVIA TOWNSHIP

STATIONING
 PLAN
 PROFILE
 PRE DATA
 REF. DWG(S) SEE REFERENCE BAND



NO.	DATE	REVISION DESCRIPTION	BY	CHK	APP	DESCRIPTION
A	11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS	AREA CODE / AVT1982
B	12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS	PROJECT NUMBER / AVT1982
						DRAWING BY / SFS
						STATION ID /
						CHECKER INITIALS / JMP

BURNS & MCDONNELL
 ENGINEERING COMPANY, INC.
 STATE LICENSE # COL 01507

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C367 PIPELINE
 ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO

DUKE ENERGY
 Piedmont Natural Gas

COMMENT: 2020

SHEETS: 1 OF X
 DWG SCALE: AS NOTED
 DWG DATE: 10/14/2020
 SUPERSEDED: _____
 DRAWING NUMBER: PNG-C-367-0002070
 REVISION: B

OWNERSHIP
 JURISDICTION
 AGENCIES
 EASEMENTS

REF. DRAW. NO.
 STATIONING

88-1350.00
 WOODBURY GLEN COMMUNITY ASSOCIATION INC
 BATATAVA TOWNSHIP

88-1351.00
 BARBARA A ROY
 BATATAVA TOWNSHIP

88-1350.00
 KRISTINA M JAMES & SANDERS
 BATATAVA TOWNSHIP

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 BATATAVA TOWNSHIP

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88-1350.00
 BATATAVA TOWNSHIP

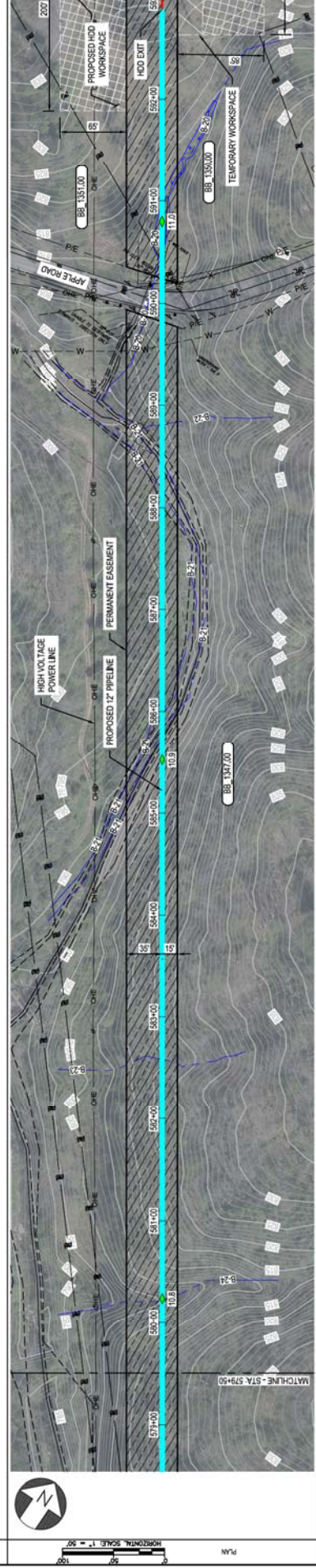
88-1350.00
 BATATAVA TOWNSHIP

88-1350.00
 BATATAVA TOWNSHIP

88-1350.00
 BATATAVA TOWNSHIP

88-1350.00
 BATATAVA TOWNSHIP

88-1350.00
 BATATAVA TOWNSHIP



PIPE DATA (SLOPE STATIONING)
 STA. 579+50 (CON) +
 STA. 580+00 (CON) +
 STA. 581+00 (CON) +
 STA. 582+00 (CON) +
 STA. 583+00 (CON) +
 STA. 584+00 (CON) +
 STA. 585+00 (CON) +
 STA. 586+00 (CON) +
 STA. 587+00 (CON) +
 STA. 588+00 (CON) +
 STA. 589+00 (CON) +
 STA. 590+00 (CON) +
 STA. 591+00 (CON) +
 STA. 592+00 (CON) +
 STA. 593+00 (CON) +
 STA. 594+00 (CON) +

DATE	REVISION DESCRIPTION	BY	CHK	APP
11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

DATE	DESCRIPTION	DATE	DATE
	APPROVALS		
	REGIONAL ENGINEER		
	MGR. TECH REC & STD		
	PRINCIPAL ENGINEER		

DATE	DESCRIPTION	DATE	DATE
	APPROVALS		
	REGIONAL ENGINEER		
	MGR. TECH REC & STD		
	PRINCIPAL ENGINEER		

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DUKE ENERGY
 Piedmont Natural Gas
 C-367 PIPELINE
 ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO

REF. DWG(S) SEE REFERENCE BAND
 SHEET(S) 1 OF X
 DWG DATE 10/14/2020
 SUPERSEDED
 DRAWING NUMBER
 PNG -C-367-0002073
 DWG DATE 10/14/2020
 SUPERSEDED
 DRAWING NUMBER
 PNG -C-367-0002073
 SHEETS 1 OF X
 DWG SCALE AS NOTED
 DWG DATE 10/14/2020
 SUPERSEDED
 DRAWING NUMBER
 PNG -C-367-0002073
 DWG DATE 10/14/2020
 SUPERSEDED
 DRAWING NUMBER
 PNG -C-367-0002073

DUKE ENERGY
 Piedmont Natural Gas
 C-367 PIPELINE
 ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO

DUKE ENERGY
 Piedmont Natural Gas
 C-367 PIPELINE
 ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO

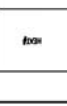
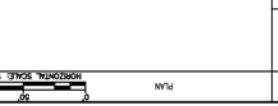
DWGNO: 4P
 JURISDICTION: BATAVIA TOWNSHIP
 ADDRESS: BATAVIA TOWNSHIP
 EASEMENTS: BATAVIA TOWNSHIP

OWNERSHIP: BB 1353.00
 KRISTINA M. JAMES SANGERS
 BATAVIA TOWNSHIP

DESIGNER: BB 1353.00
 HERMAN & MOORE SALLEY
 BATAVIA TOWNSHIP

CONTRACTOR: BB 1353.00
 JERRY SA & SARAH POTTER
 BATAVIA TOWNSHIP

STATIONING



VERTICAL SCALE 1" = 25'
 HORIZONTAL SCALE 1" = 50'

REF. DWG(S) SEE REFERENCE BAND
 SHEETS: 1 OF X
 DWG DATE: 10/14/2020
 SUPERSEDED
 DRAWING NUMBER: PNG-C-367-0002074
 REVISION: B
 DWGNO: 4P

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NO.	DATE	REVISION DESCRIPTION	BY	CHK	APP
A	11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
B	12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

DATE	DESCRIPTION	BY	CHK	APP
	REVISION DESCRIPTION	SFS	JMP	CNS
	PROJECT NUMBER: AW1982			
	DRAWING BY: SFS			
	STATION ID:			
	CHECKER INITIALS: JMP			

APPROVALS

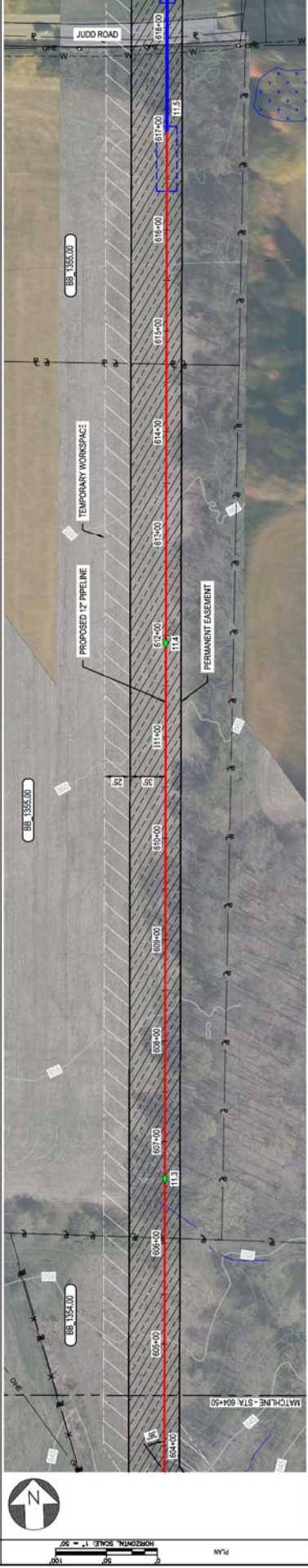
DATE	INITIALS	TITLE
		REGIONAL ENGINEER
		MGR. TECH. REC. & STD.
		PRINCIPAL ENGINEER

DUKE ENERGY
 Piedmont Natural Gas
 C367 PIPELINE ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO
 KELLGOS, OH

BURNS & MCDONNELL ENGINEERING COMPANY, INC.
 STATE LICENSE # COL 0157
 PROFESSIONAL ENGINEER'S STAMP

OWNERSHIP: BB 1354.00 JERRY SA & SARAH POTTER BATAVIA TOWNSHIP
 JURISDICTION: BB 1355.00 LAURA INGELS ET AL BATAVIA TOWNSHIP
 ADDRESS: JERRY SA & SARAH POTTER BATAVIA TOWNSHIP
 PERMITS: JERRY SA & SARAH POTTER BATAVIA TOWNSHIP
 REF. DRG. NO. JERRY SA & SARAH POTTER BATAVIA TOWNSHIP

STATIONING: PLAN
 HORIZONTAL SCALE: 1" = 50'
 VERTICAL SCALE: 1" = 25'



DATE	REVISION DESCRIPTION	BY	CHK	APP	DESCRIPTION
11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS	AREA CODE
12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS	ACCOUNT NUMBER
					PROJECT NUMBER
					DRAWING BY
					STATION ID
					CHECKER INITIALS
					JMP

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 REF. DWG(S) SEE REFERENCE BAND
 SHEETS: 1 OF X DWG SCALE AS NOTED
 DWG DATE: 12/15/2020 SUPERSEDED
 DRAWING NUMBER: PNG -C-367-0002075
 REVISION: B
 C-367 PIPELINE ALIGNMENT SHEET CLERMONT COUNTY, OHIO
 DUKE ENERGY, Piedmont Natural Gas
 PROFESSIONAL ENGINEER'S STAMP: BURNS & MCDONNELL ENGINEERING COMPANY, INC. STATE LICENSE # FOL 01517

OWNERSHIP
 JURISDICTION
 ADDRESS
 EASEMENTS

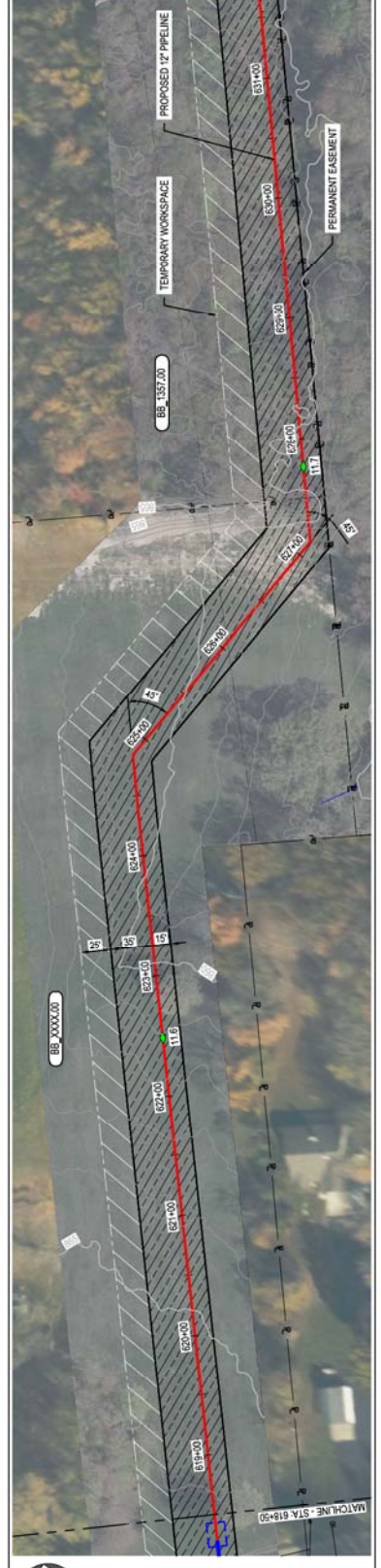
BB XXXX.00
 GUN LA SILENT PRESENCE
 BATAVIA TOWNSHIP

BB 1357.00
 ROSEWOOD DEVELOPERS, LLC
 BATAVIA TOWNSHIP

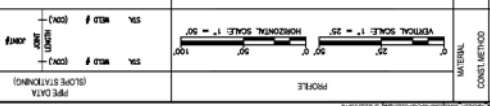
REF. DWG. NO.

STATIONING

PLAN
 HORIZONTAL SCALE 1" = 50'
 VERTICAL SCALE 1" = 25'
 PREPARED BY: [Signature]
 CHECKED BY: [Signature]



PROFILE
 HORIZONTAL SCALE 1" = 50'
 VERTICAL SCALE 1" = 25'
 REF. DWG(S) SEE REFERENCE BAND



NO.	DATE	REVISION DESCRIPTION	BY	CHK	APP
A	11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
B	12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

DESCRIPTION	DATE	INITIALS
REGIONAL ENGINEER		
MGR. TECH REC & STD		
PRINCIPAL ENGINEER		

DATE	DESCRIPTION	BY	CHK	APP
	SFS IMP CNS AREA CODE			
	SFS IMP CNS ACCOUNT NUMBER			
	PROJECT NUMBER			
	DRAWING BY			
	STATION ID			
	CHECKER INITIALS			

SHEETS	1 OF X	DWG SCALE	AS NOTED
DWG DATE	12/15/2020	SUPERSEDED	
DRAWING NUMBER	PNG -C-367-0002076		
REVISION	B		

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C367 PIPELINE ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO

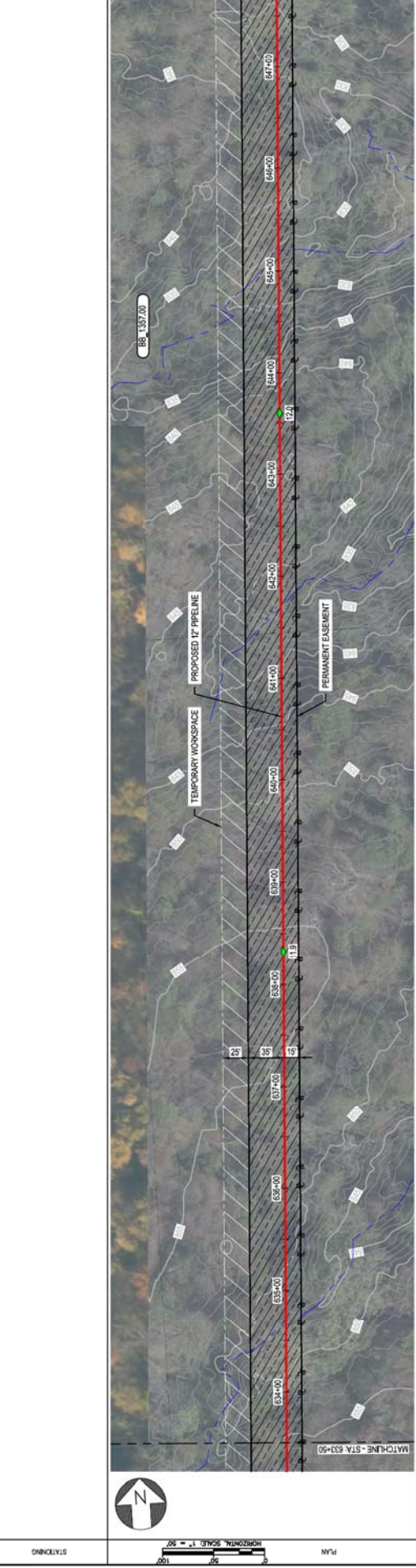
DUKE ENERGY
 Piedmont Natural Gas
 CLERMONT, OH

PROFESSIONAL ENGINEER/PLUMBER

OWNER: **BB 1357.00**
 ROSEWOOD DEVELOPERS LLC
 BATAVIA TOWNSHIP

CONTRACT NO. _____
 JURISDICTION _____
 ADDRESS _____
 PERMITS _____
 REF. DRG. NO. _____

STATIONING _____



REF. DWG(S) SEE REFERENCE BAND
 SHEETS: 1 OF X
 DWG DATE: 12/15/2020
 SUPERSEDED DRAWING NUMBER: _____
 DRAWING NUMBER: **PNG -C-367-0002077**
 REVISION: **B**
 DWG LOGO: **HELLOGOOD**

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 "ISSUED FOR 10% REVIEW" DATE: 11-05-2020
 "REVISED 30% DESIGN" DATE: 12-18-2020

C367 PIPELINE ALIGNMENT SHEET
CLERMONT COUNTY, OHIO
 HELLOGOOD, OH

DUKE ENERGY
 Piedmont Natural Gas
 commitment 2020

DATE	REVISION DESCRIPTION	BY	CHK	APP	DESCRIPTION
11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS	AREA CODE: AW1982
12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS	PROJECT NUMBER: AW1982
					DRAWING BY: XXX
					STATION ID: _____
					CHECKER INITIALS: JMP

DATE	REVISION DESCRIPTION	BY	CHK	APP	DESCRIPTION
					REGIONAL ENGINEER
					MGR. TECH REC & STD
					PRINCIPAL ENGINEER

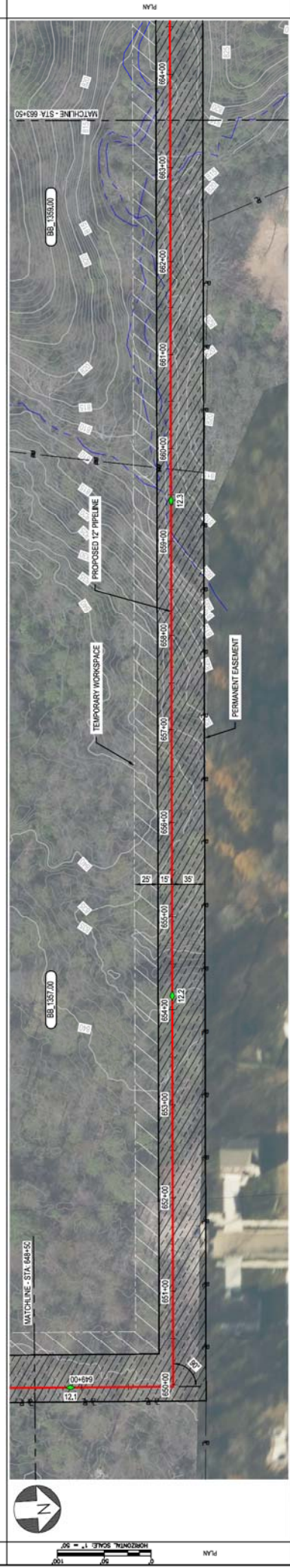
CLASS: IMP
 CONSTRUCTION METHOD: _____
 CLASS: IMP

BURNS & MCDONNELL ENGINEERING COMPANY, INC.
 STATE LICENSE # COL 0157

PROFESSIONAL ENGINEER'S SIGNATURE

OWNER: ROSEWOOD DEVELOPERS LLC
 JURISDICTION: BATAVIA TOWNSHIP BOARD OF TRUSTEES
 ADDRESS: BATAVIA TOWNSHIP

PROJECT: C-367 PIPELINE
 SHEET: 1 OF X
 DRAWING NUMBER: PNG -C-367-0002078
 DRAWING DATE: 12/18/2020
 SUPERSEDED: []
 DRAWING NUMBER: []
 REVISION: []



DATE	BY	CHK	APP	DESCRIPTION
11-05-2020	SFS	JMP	CNS	AREA CODE REVIEW
12-18-2020	SFS	JMP	CNS	REVISOR 30% DESIGN

DATE	BY	CHK	APP	DESCRIPTION
				PROJECT NUMBER: AW1982
				DRAWING BY: XXX
				STATION ID: XXX
				CHECKER INITIALS: JMP

PROFESSIONAL ENGINEER'S SEAL

BURNS & MCDONNELL ENGINEERING COMPANY, INC. STATE LICENSE # COL 0157

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DUKE ENERGY
 Piedmont Natural Gas

C-367 PIPELINE
 ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO

RESIDENTIAL ENGINEER
 MGR. TECH REC & STD
 PRINCIPAL ENGINEER

APPROVALS

DATE: [] REF: []
 DATE: [] REF: []
 DATE: [] REF: []

REF. DWG(S) SEE REFERENCE BAND

SHEETS: 1 OF X
 DWG SCALE: AS NOTED
 DWG DATE: 12/18/2020
 DRAWING NUMBER: PNG -C-367-0002078
 REVISION: B
 DWELLING: ON

OWNERSHIP
 JURISDICTION
 ADDRESS
 EASEMENTS

REL 1350.00
 BATAVIA TOWNSHIP BOARD OF TRUSTEES
 BATAVIA TOWNSHIP

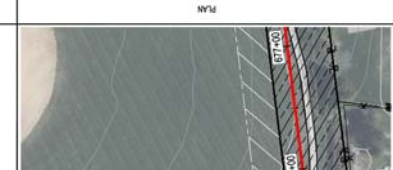
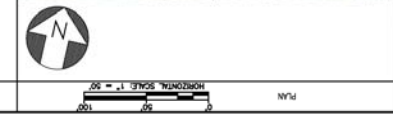
RIGHT-OF-WAY
 STATIONING

REF. DWG. NO.

PLAN

STATIONING

PLAN



PRELIMINARY DATA
 (OPEN STATIONING)

PROFILE

VERTICAL SCALE 1" = 25'
 HORIZONTAL SCALE 1" = 50'

REF. DWG(S) SEE REFERENCE BAND

MATERIAL
 CONSTRUCTION METHOD

CLASS/IMP

NO.	DATE	REVISION DESCRIPTION	BY	CHK	APP	DESCRIPTION
A	11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS	AREA CODE / AW1982
B	12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS	PROJECT NUMBER / AW1982
						DRAWING BY / SFS
						STATION ID /
						CHECKER INITIALS / JMP

APPROVALS	DATE	INITIALS	DESCRIPTION
REGIONAL ENGINEER			
MGR. TECH REC & STD			
PRINCIPAL ENGINEER			

BURNS & MCDONNELL
 ENGINEERING COMPANY, INC.
 STATE LICENSE # COL 01507

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 C367 PIPELINE
 ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO
 KELLWOOD, OH

SHEETS: 1 OF X
 DWG SCALE: AS NOTED
 DWG DATE: 10/14/2020
 SUPERSEDED
 DRAWING NUMBER: PNG -C-367-0002079
 REVISION: B
 C:\KELLWOOD\007

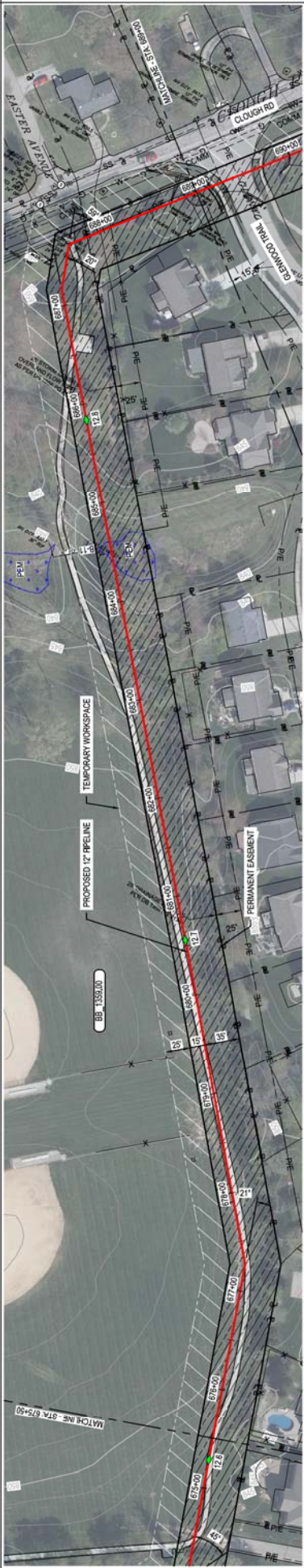
OWNERSHIP JURISDICTION AGENCY EASEMENTS REF. SHEET NO. RIGHT-OF-WAY

GLLENWOOD TRAILS COMMUNITY ASSOCIATION INC
BATAVIA TOWNSHIP

BATAVIA TOWNSHIP BOARD OF TRUSTEES
BATAVIA TOWNSHIP

PLAN

STATIONING



REF. DWG(S) SEE REFERENCE BAND

SHEETS 1 OF X DWG SCALE AS NOTED

DWG DATE 10/14/2020 SUPERSEDED DRAWING NUMBER

PNG -C-367-0002080

DATE DESCRIPTION BY (CNS) DESCRIPTION

A 11-05-2020 ISSUED FOR 10% REVIEW SFS J.M.P (CNS) AREA CODE SFS J.M.P (CNS) ACCOUNT NUMBER /AW1982

B 12-18-2020 REVISED 30% DESIGN SFS J.M.P (CNS) PROJECT NUMBER /AW1982

DRAWING BY SFS

STATION ID

CHECKER INITIALS J.M.P

APPROVALS

REGIONAL ENGINEER

MUR. TECH REC & STD

PRINCIPAL ENGINEER

DUKE ENERGY

Piedmont Natural Gas

comment 2020

PROFESSIONAL ENGINEER/STAMP

BURNS & MCDONNELL ENGINEERING COMPANY, INC. STATE LICENSE # COL 01507

MATERIAL CONSTRUCTION METHOD CLASS /IM/P

VERTICAL SCALE 1" = 25'

HORIZONTAL SCALE 1" = 50'

PLAN SCALE 1" = 50'

VERTICAL SCALE 1" = 25'

HORIZONTAL SCALE 1" = 50'

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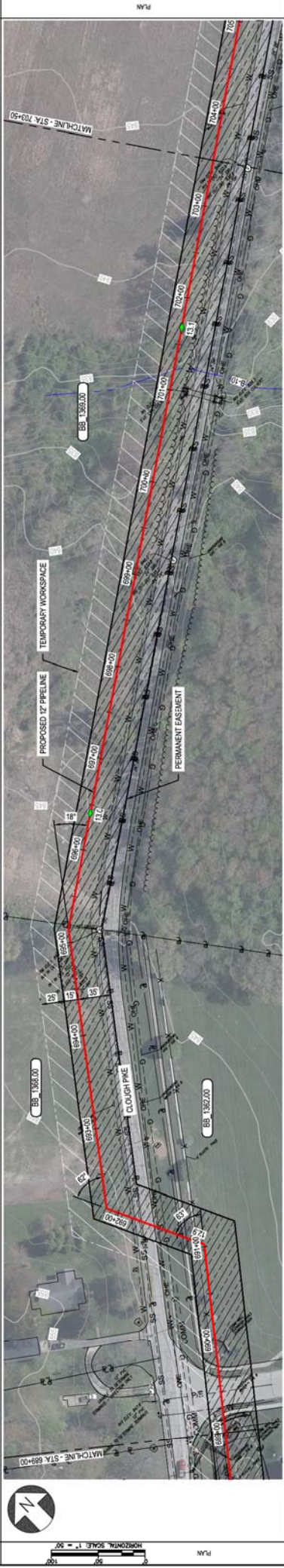
DUKE ENERGY & PIEDMONT NATURAL GAS DRAWINGS ARE CONFIDENTIAL "DRAWING IS CURRENT ONLY THROUGH THE LATEST REVISION DATE" TO ENSURE THERE IS NO RISK OF INAPPROPRIATE DISCLOSURE, ALL PREVIOUS PAPER COPIES OF THIS DRAWING MUST BE DESTROYED IN ACCORDANCE WITH RECORDS & INFO MANAGEMENT (RM)

PROFESSIONAL ENGINEER/STAMP

BURNS & MCDONNELL ENGINEERING COMPANY, INC. STATE LICENSE # COL 01507

OWNER/APP	ERW	BB 1362.00	BB 1363.00	BB 1365.00
JURISDICTION	BATAVIA TOWNSHIP	GLENWOOD TRAILS COMMUNITY ASSOCIATION INC	BATAVIA TOWNSHIP	BATAVIA TOWNSHIP
ADDRESS	BATAVIA TOWNSHIP	BATAVIA TOWNSHIP	BATAVIA TOWNSHIP	BATAVIA TOWNSHIP
PERMITS				
REF. DWG. NO.				

RIGHT-OF-WAY	RIGHT-OF-WAY
STATIONING	STATIONING



DATE	DESCRIPTION	BY	CHK	APP
A 11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
B 12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

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DUKE ENERGY | **Piedmont Natural Gas**

C367 PIPELINE ALIGNMENT SHEET
CLERMONT COUNTY, OHIO

PROFESSIONAL ENGINEER/STAMP
DRAWING NUMBER: PNG -C-367-0002081
DRAWING NUMBER: 10142020
SUPERSEDED: 10142020
SHEETS: 1 OF X
DWG SCALE: AS NOTED
AS NOTED

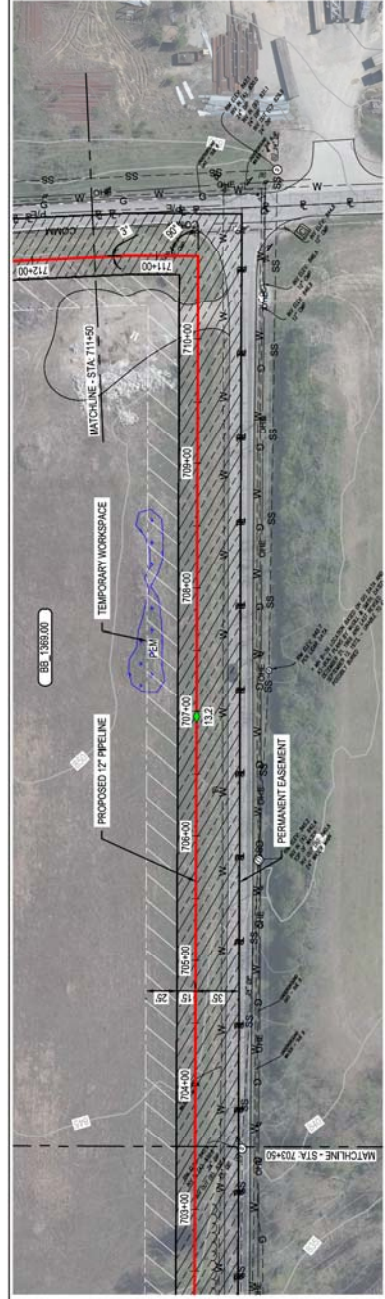
OWNER: BURNES & MCDONNELL
 JURISDICTION: OHIO
 ADDRESS: 10000
 PERMITS: 10000

BL 1360.00
 LARRY ROBERTS, LLC
 BATAVIA TOWNSHIP

DATE: 11-05-2020
 REVISION: 11-05-2020
 DATE: 12-18-2020
 REVISION: 12-18-2020

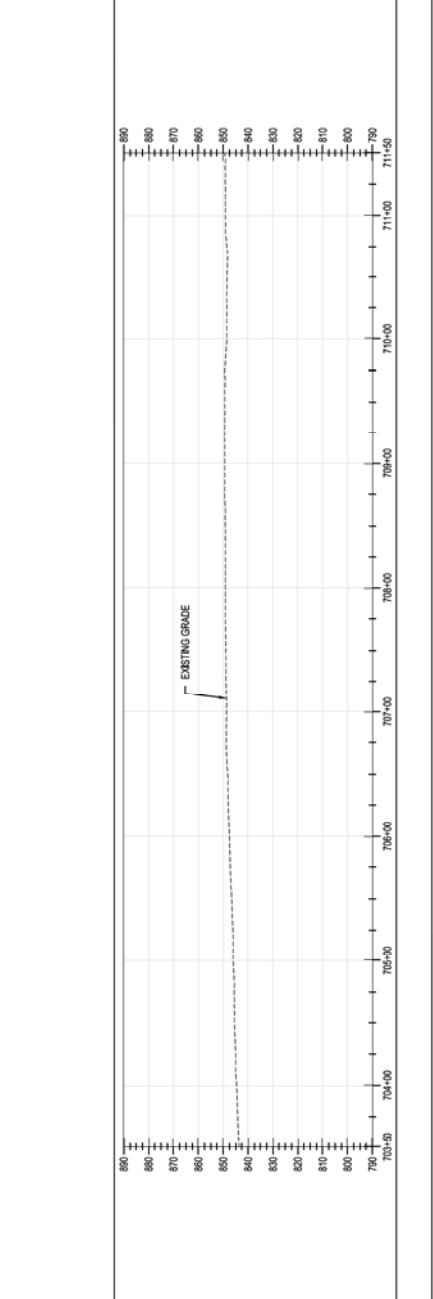
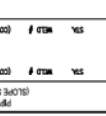
STATIONING

PLAN



PRELIMINARY DATA
 (OPEN STATIONING)

PROFILE



MATERIAL

CONCRETE METHOD

CLASS: IMP

REF. DWG(S) SEE REFERENCE BAND

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NO.	DATE	REVISION DESCRIPTION	BY	CHK	APP	DESCRIPTION
A	11-05-2020	ISSUED FOR 10% REVIEW	SFS	IMP	CNS	AREA CODE
B	12-18-2020	REVISED 30% DESIGN	SFS	IMP	CNS	ACCOUNT NUMBER / AW1982
						PROJECT NUMBER / AW1982
						DRAWING BY / SFS
						STATION ID
						CHECKER INITIALS / JMP

APPROVALS

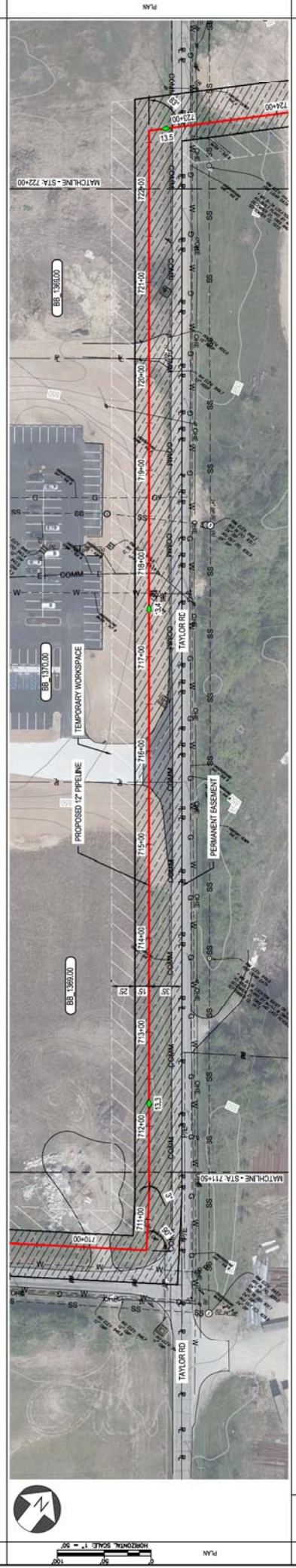
REGIONAL ENGINEER	DATE	INITIALS
MGR. TECH REC & STD	DATE	INITIALS
PRINCIPAL ENGINEER	DATE	INITIALS

DUKE ENERGY
 Piedmont Natural Gas
 C367 PIPELINE
 ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO
 KELLWOOD, OH

SHEETS: 1 OF X
 DWG SCALE: AS NOTED
 DWG DATE: 10/14/2020
 SUPERSEDED DRAWING NUMBER: PNG -C-367-0002082
 REVISION: B
 DWG DATE: 10/14/2020
 SUPERSEDED DRAWING NUMBER: PNG -C-367-0002082
 REVISION: B

OWNER/SP	BB 1367.00 LARRY ROBERTS LLC BATAWIA TOWNSHIP	BB 1370.00 ENTERTAINMENT MOBILE SOLUTIONS LLC BATAWIA TOWNSHIP	BB 1369.00 LARRY ROBERTS LLC BATAWIA TOWNSHIP
JURISDICTION	BATAWIA TOWNSHIP		
ADVICE			
REVISIONS			
REF. DRWG. NO.			

STATIONING	
PLAN	



MATERIAL	
CONCRETE METHOD	
CLASS/IMP	
CLASSIFICATION	
DATE	
REVISIONS DESCRIPTION	
BY (CNS)	DESCRIPTION
SFS (IMP) CNS AREA CODE	
SFS (IMP) CNS ACCOUNT NUMBER	AW1982
SFS (IMP) CNS PROJECT NUMBER	AW1982
DRAWING BY	SFS
STATION ID	
CHECKER INITIALS	JMP
APPROVALS	
REGIONAL ENGINEER	
MGR. TECH REC & STD	
PRINCIPAL ENGINEER	

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 REVISION DATE: 11-05-2020 (ISSUED FOR 10% REVIEW)
 REVISION DATE: 12-18-2020 (REVISED 30% DESIGN)

DUKE ENERGY
 Piedmont Natural Gas
 comment 2020

C367 PIPELINE
 ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO

REF. DWG(S) SEE REFERENCE BAND
 SHEETS: 1 OF X
 DWG SCALE AS NOTED
 DWG DATE 10/14/2020
 SUPERSEDED DRAWING NUMBER
 PNG -C-367-0002083
 CLEVELAND/COOP

BURNS & MCDONNELL
 ENGINEERING COMPANY, INC.
 STATE LICENSE # COL 01527

PROFESSIONAL ENGINEER/STAMP

OWNER: LARRY ROBERTS LLC
 JURISDICTION: BATAVIA TOWNSHIP
 ADDRESS: BATAVIA TOWNSHIP
 EASEMENTS

OWNER: ALLAN W CLAYTON SUCCESSOR TRUSTEE
 JURISDICTION: BATAVIA TOWNSHIP
 ADDRESS: BATAVIA TOWNSHIP

REVISION: B

REF. DWG. NO.

DATE: 10/14/2020

CLASS: IMP

DWG SCALE: AS NOTED

CONCRETE METHOD

SEE REFERENCE BND

CLASS: IMP

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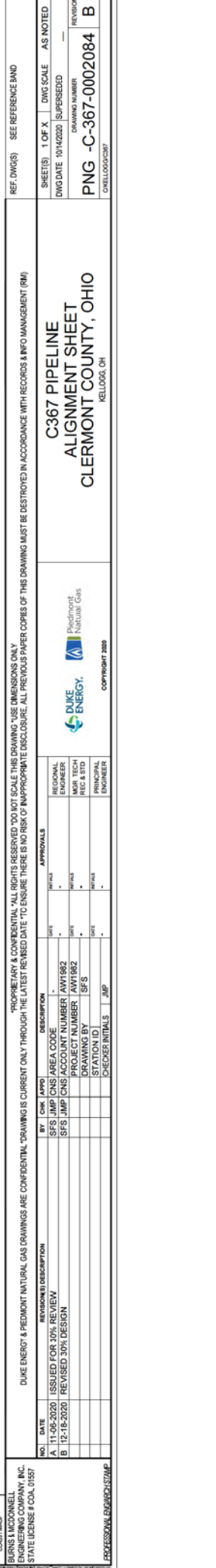
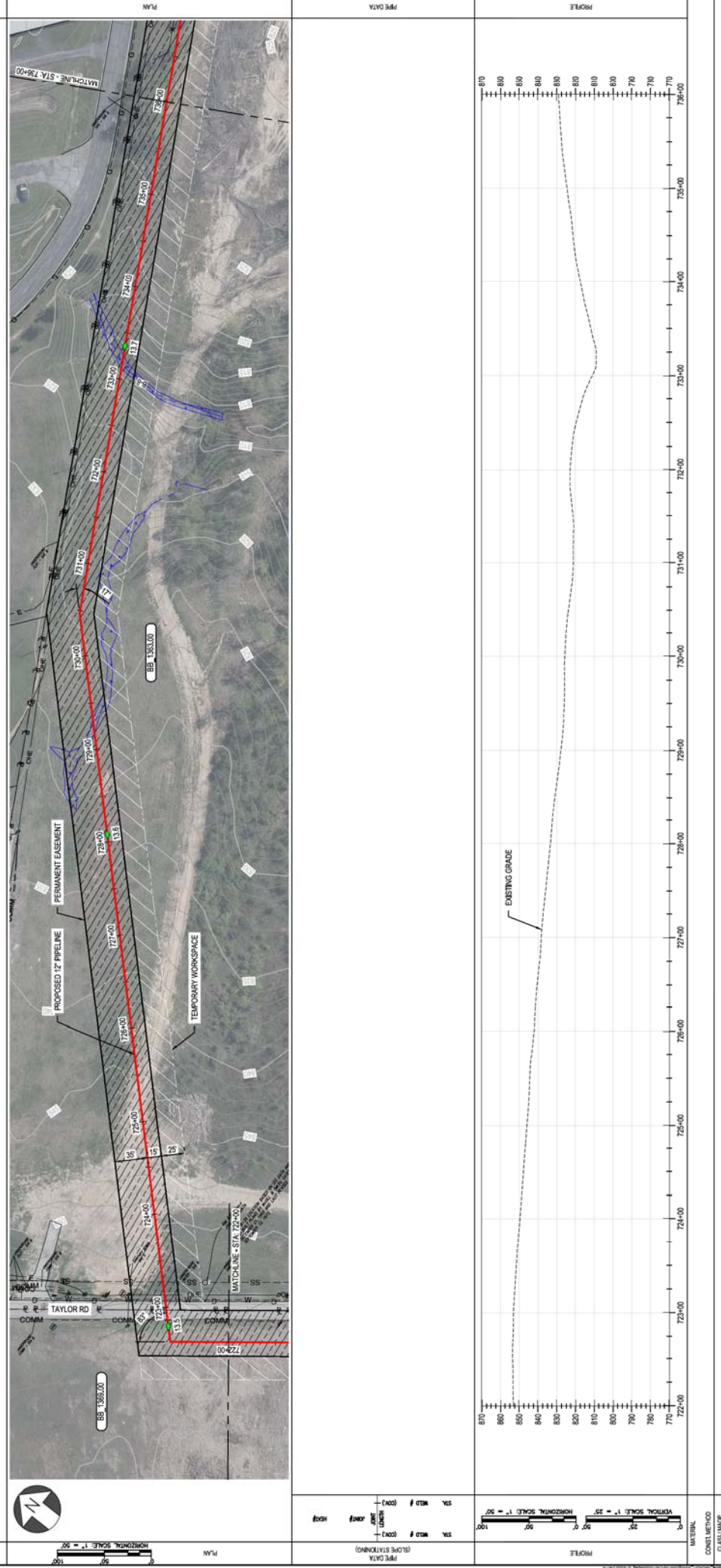
CLASS: IMP

SEE REFERENCE BND

CLASS: IMP

SEE REFERENCE BND

DATE	BY	CHK	DESCRIPTION
11-05-2020	SFS	IMP	CNS AREA CODE
12-18-2020	SFS	IMP	CNS ACCOUNT NUMBER / AW1982
	SFS	IMP	PROJECT NUMBER / AW1982
	SFS	IMP	DRAWING BY / SFS
	SFS	IMP	STATION ID /
	SFS	IMP	CHECKER INITIALS / JMP



PROFESSIONAL ENGINEER'S STAMP

DUKE ENERGY & PIEDMONT NATURAL GAS DRAWINGS ARE CONFIDENTIAL. THIS DRAWING IS CURRENT ONLY THROUGH THE LATEST REVISION DATE. TO ENSURE THERE IS NO RISK OF INAPPROPRIATE DISCLOSURE, ALL PREVIOUS PAPER COPIES OF THIS DRAWING MUST BE DESTROYED IN ACCORDANCE WITH RECORDS & INFO MANAGEMENT (RM).
 SHEETS: 1 OF X
 DWG DATE: 10/14/2020
 SUPERSEDED
 DRAWING NUMBER: PNG -C-367-0002084
 REVISION: B
 DWG SCALE: AS NOTED
 DRAWN BY: KELLOOG/CP

APPROVALS

DATE	BY	CHK	DESCRIPTION

REGIONAL ENGINEER
 MGR. TECH REC & STD
 PRINCIPAL ENGINEER

DUKE ENERGY
 Piedmont Natural Gas
 C367 PIPELINE ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO
 KELLOOG, CP

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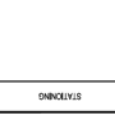
OWNER'S APPROVAL
 JURISDICTION
 ADDRESS
 EASEMENTS

ALLAN W CLAYTON SUCCESSOR TRUSTEE
 SAVANNA TOWNSHIP

RIGHT-OF-WAY
 STATIONING

REF. DRG. NO.

PLAN



PLAN

PROFILE



REF. DWG(S) SEE REFERENCE BOND
 SHEETS 1 OF X DWG SCALE AS NOTED
 DWG DATE 10/14/2020 SUPERSEDED
 DRAWING NUMBER
 PNC -C-367-0002085
 C/KELLOGG/CPW

CLASS/IMP

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CONSTRUCTION METHOD

APPROVALS

NO.	DATE	REVISION DESCRIPTION	BY	CHK	APP
A	11-05-2020	ISSUED FOR 10% REVIEW	SFS	JMP	CNS
B	12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS

DESCRIPTION	DATE	INITIALS
REGIONAL ENGINEER		
MGR. TECH REC & STD		
PRINCIPAL ENGINEER		

DUKE ENERGY
 Piedmont Natural Gas
 COMMENT 2020

PROFESSIONAL ENGINEER'S STAMP

C367 PIPELINE
 ALIGNMENT SHEET
 CLERMONT COUNTY, OHIO

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MGR. TECH REC & STD		
PRINCIPAL ENGINEER		

DUKE ENERGY
 Piedmont Natural Gas
 COMMENT 2020

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MGR. TECH REC & STD		
PRINCIPAL ENGINEER		

DUKE ENERGY
 Piedmont Natural Gas
 COMMENT 2020

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DUKE ENERGY
 Piedmont Natural Gas
 COMMENT 2020

PROFESSIONAL ENGINEER'S STAMP

C367 PIPELINE
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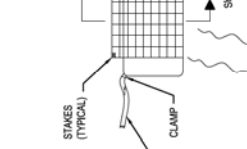
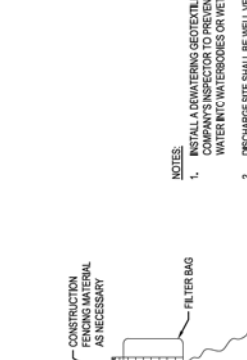
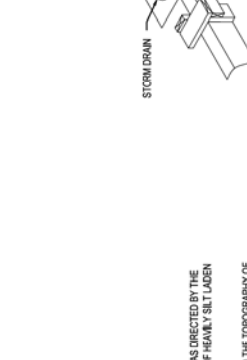
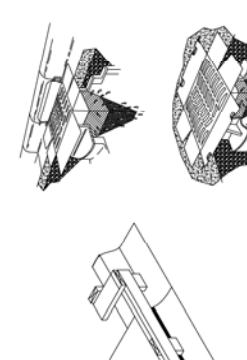
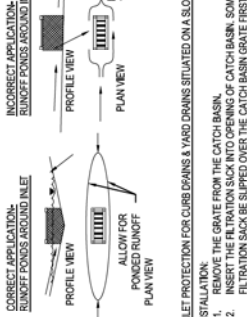
CONSTRUCTION METHOD

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DESCRIPTION	DATE	INITIALS
REGIONAL ENGINEER		
MGR. TECH REC & STD		
PRINCIPAL ENGINEER		

DUKE ENERGY
 Piedmont Natural Gas
 COMMENT 2020



INSTALLATION:

- REMOVE THE GRATE FROM THE CATCH BASIN.
- INSERT THE FILTRATION SACK INTO OPENING OF CATCH BASIN. SOME PRODUCTS REQUIRE THE FILTRATION SACK BE SLIPPED OVER THE CATCH BASIN GRATE FIRST.
- REINSERT GRATE INTO CATCH BASIN WHILE ENSURING ALL NECESSARY SUPPORT STRAPS TO SECURE THE FILTRATION SACK DO NOT FALL INTO CATCH BASIN AS IT FILLS WITH SEDIMENT.

MAINTENANCE:

- THE FILTRATION SACK MUST BE EMPTIED WHEN IT IS 100% FULL OF SEDIMENT AND DEBRIS.
- TO EMPTY THE SACK, REMOVE THE GRATE, LIFT THE SACK OUT OF THE CATCH BASIN VIA THE STRAPS PROVIDED.
- THE FILTRATION SACK MUST BE REPLACED IF IT IS TORN. OTHERWISE THE SAME SACK CAN BE REUSED.
- THE CONTRACTOR IS REQUIRED TO HAVE STAGED REDUNDANT CONTROLS ON-SITE IN THE EVENT REPLACEMENTS ARE NEEDED.

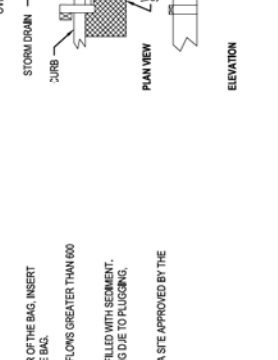
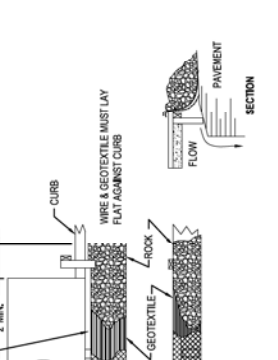
INSPECTION:

- INLET PROTECTION MEASURES MUST BE INSPECTED AT LEAST 24 HOURS PRIOR TO RAIN EVENTS. WEEKLY AND POST-RAIN EVENT INSPECTIONS, NON-FUNCTIONAL DEVICES MUST BE REPLACED.

REMOVAL:

- PULL OUT ALL INLET PROTECTION MATERIAL AND PROPERLY DISPOSE OF OFF-SITE.
- REGRADE AREA WHERE ACCUMULATED SEDIMENT WAS PLACED AS NECESSARY AND ESTABLISH VEGETATION OR HAVEN RESULTING UNDISTURBED AREAS.

THE FOLLOWING DIAGRAMS PROVIDE A GENERAL IDEA OF HOW TO INSTALL AND MAINTAIN A VARIETY OF MANUFACTURED STORM DRAIN INLET PROTECTION PRACTICES. BE SURE TO IMPLEMENT FILTRATION SACKS THAT ARE APPROPRIATE FOR EITHER CURB INLETS OR FOR YARD DRAIN INLETS. MANUFACTURER'S SPECIFICATIONS FOR THE PRODUCT OF CHOICE SHOULD BE FOLLOWED.



INSTALLATION:

- CONSTRUCT WOODEN FRAME FROM 2"x4" LUMBER. DRIVE POSTS 1" INTO THE GROUND AT EACH CORNER DIRECTLY AGAINST THE CONCRETE curb AND ASSEMBLE THE TOP FRAME WITH AN OVERLAP OF 1/2" AT AN ELEVATION THAT DOES NOT CAUSE PONDED WATER TO BACKUP INTO UNWANTED AREAS.
- THE WIRE MESH AND GEOTEXTILE SHALL BE TIGHTLY STRETCHED AND FASTENED TO THE FRAME.
- THE GEOTEXTILE SHALL OVERLAP ACROSS ONE SIDE OF THE INLET SO THE ENDS OF THE CLOTH ARE NOT FASTENED TO THE SAME POINT.
- BACKFILL SHALL BE PLACED IN THE 18" TRENCH AROUND THE INLET IN COMPACTED 2" LAYERS UNTIL THE ELEVATION OF THE TOP OF THE GRATE IS REACHED.

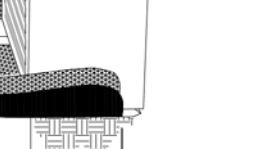
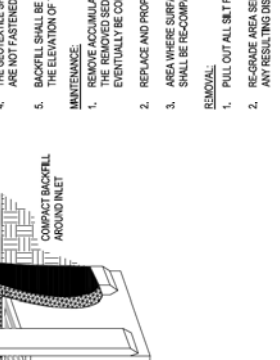
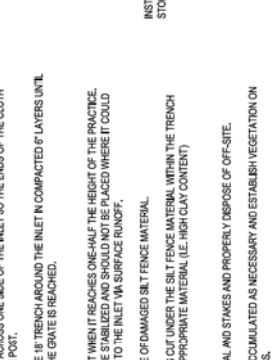
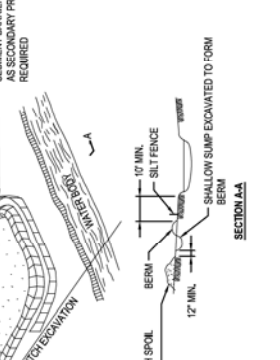
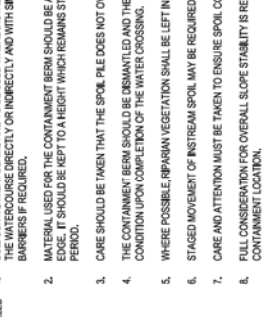
MAINTENANCE:

- REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES ONE-HALF THE HEIGHT OF THE PRACTICE. THE REMOVED SEDIMENT MUST BE STABILIZED AND SHOULD NOT BE PLACED WHERE IT COULD EVENTUALLY BE CONVEYED BACK TO THE INLET VIA SURFACE RUNOFF.
- REPLACE AND PROPERLY DISPOSE OF DAMAGED SILT FENCE MATERIAL.
- AREA WHERE SURFACE FLOW HAS CUT UNDER THE SILT FENCE MATERIAL WITHIN THE TRENCH SHALL BE RE-COMPACTED WITH APPROPRIATE MATERIAL (I.E. HIGH CLAY CONTENT).

REMOVAL:

- PULL OUT ALL SILT FENCE MATERIAL AND STAKES AND PROPERLY DISPOSE OF OFF-SITE.
- RE-GRADE AREA SEDIMENT HAS ACCUMULATED AS NECESSARY AND ESTABLISH VEGETATION ON ANY RESULTING DISTURBED AREAS.

TERMINATES MANUFACTURED HARD DRAIN INLET PROTECTION PRODUCTS ARE AVAILABLE AND CAN BE USED, SUBJECT TO PRIOR APPROVAL BY THE COMMUNITY ENGINEER.



INSTALLATION:

- CONSTRUCT WOODEN FRAME FROM 2"x4" LUMBER. DRIVE POSTS 1" INTO THE GROUND AT EACH CORNER DIRECTLY AGAINST THE CONCRETE curb AND ASSEMBLE THE TOP FRAME WITH AN OVERLAP OF 1/2" AT AN ELEVATION THAT DOES NOT CAUSE PONDED WATER TO BACKUP INTO UNWANTED AREAS.
- THE WIRE MESH AND GEOTEXTILE SHALL BE TIGHTLY STRETCHED AND FASTENED TO THE FRAME.
- THE GEOTEXTILE SHALL OVERLAP ACROSS ONE SIDE OF THE INLET SO THE ENDS OF THE CLOTH ARE NOT FASTENED TO THE SAME POINT.
- BACKFILL SHALL BE PLACED IN THE 18" TRENCH AROUND THE INLET IN COMPACTED 2" LAYERS UNTIL THE ELEVATION OF THE TOP OF THE GRATE IS REACHED.

MAINTENANCE:

- REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES ONE-HALF THE HEIGHT OF THE PRACTICE. THE REMOVED SEDIMENT MUST BE STABILIZED AND SHOULD NOT BE PLACED WHERE IT COULD EVENTUALLY BE CONVEYED BACK TO THE INLET VIA SURFACE RUNOFF.
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REMOVAL:

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TERMINATES MANUFACTURED HARD DRAIN INLET PROTECTION PRODUCTS ARE AVAILABLE AND CAN BE USED, SUBJECT TO PRIOR APPROVAL BY THE COMMUNITY ENGINEER.

NOTES:

- INSTALL A DEWATERING GEOTEXTILE FILTER BAG AS DIRECTED BY THE MANUFACTURER'S INSTRUCTIONS TO PREVENT FLOW OF HEAVY SILT LOADED WATER INTO WATERBODIES OR WETLANDS.
- THE SITE SLOPE SHALL BE WELL VEGETATED AND THE TOPOGRAPHY OF THE AREA SUCH THAT WATER WILL FLOW AWAY FROM ANY WORK AREAS. THE AREA DOWN-SLOPE FROM THE DEWATERING SITE MUST BE REASONABLY MAINTAINED TO PREVENT FLOW OF WATER THAT MIGHT ALLOW THE FILTRATED WATER TO CONTINUE AS SHEET FLOW.
- TO ATTACH THE DISCHARGE HOSE, CUT A CORNER OF THE BAG. INSERT DISCHARGE HOSE, AND SECURE THE HOSE TO THE BAG.
- A SINGLE FILTER BAG SHOULD NOT BE USED FOR FLOWS GREATER THAN 600 GALLONS PER MINUTE.
- REPLACE FILTER BAG BEFORE IT IS COMPLETELY FILLED WITH SEDIMENT. MONITOR BAG PRESSURE TO AVOID OVER PRESSURING DUE TO PLUGGING, WHICH MAY RESULT IN RUPTURE.
- DISPOSE OF USED FILTER BAG AND SEDIMENT AT A SITE APPROVED BY THE COMPANY'S INSPECTOR.

INSTALLATION:

- CONSTRUCT WOODEN FRAME FROM 2"x4" LUMBER. DRIVE POSTS 1" INTO THE GROUND AT EACH CORNER DIRECTLY AGAINST THE CONCRETE curb AND ASSEMBLE THE TOP FRAME WITH AN OVERLAP OF 1/2" AT AN ELEVATION THAT DOES NOT CAUSE PONDED WATER TO BACKUP INTO UNWANTED AREAS.
- THE WIRE MESH AND GEOTEXTILE SHALL BE TIGHTLY STRETCHED AND FASTENED TO THE FRAME.
- THE GEOTEXTILE SHALL OVERLAP ACROSS ONE SIDE OF THE INLET SO THE ENDS OF THE CLOTH ARE NOT FASTENED TO THE SAME POINT.
- BACKFILL SHALL BE PLACED IN THE 18" TRENCH AROUND THE INLET IN COMPACTED 2" LAYERS UNTIL THE ELEVATION OF THE TOP OF THE GRATE IS REACHED.

MAINTENANCE:

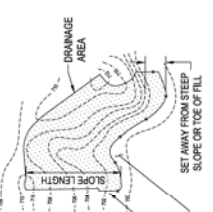
- REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES ONE-HALF THE HEIGHT OF THE PRACTICE. THE REMOVED SEDIMENT MUST BE STABILIZED AND SHOULD NOT BE PLACED WHERE IT COULD EVENTUALLY BE CONVEYED BACK TO THE INLET VIA SURFACE RUNOFF.
- REPLACE AND PROPERLY DISPOSE OF DAMAGED SILT FENCE MATERIAL.
- AREA WHERE SURFACE FLOW HAS CUT UNDER THE SILT FENCE MATERIAL WITHIN THE TRENCH SHALL BE RE-COMPACTED WITH APPROPRIATE MATERIAL (I.E. HIGH CLAY CONTENT).

REMOVAL:

- PULL OUT ALL SILT FENCE MATERIAL AND STAKES AND PROPERLY DISPOSE OF OFF-SITE.
- RE-GRADE AREA SEDIMENT HAS ACCUMULATED AS NECESSARY AND ESTABLISH VEGETATION ON ANY RESULTING DISTURBED AREAS.

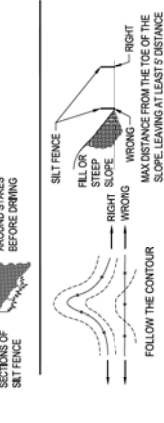
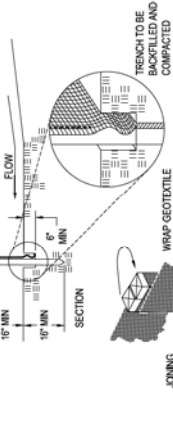
TERMINATES MANUFACTURED HARD DRAIN INLET PROTECTION PRODUCTS ARE AVAILABLE AND CAN BE USED, SUBJECT TO PRIOR APPROVAL BY THE COMMUNITY ENGINEER.

MAXIMUM CONTRIBUTION AREA TO SILT FENCE LENGTH (FT.)	MINIMUM SLOPE LENGTH (FT.)
8%	100
10%	125
15%	150
20%	200
25%	250
30%	300



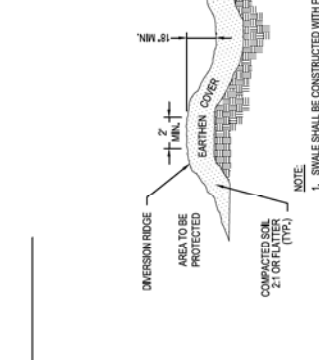
- INSTALLATION:**
- CONSTRUCT PRIOR TO SLOPE LAND DISTURBANCE.
 - PLACE CONTINUOUS LENGTHS OF SILT FENCE ALONG A CONSISTENT CONTOUR SO AS TO PREVENT THE CONCENTRATION OF RUNOFF AT LOW POINTS IN THE FENCE.
 - UPSLOPE TO THE CONTOUR SO THE ENDS ARE AT HIGHER ELEVATION OR 20 FEET IN FROM THE CONTOUR.
 - AT A MINIMUM, THE BOTTOM BANCHES OF THE SILT FENCE MATERIAL MUST BE PLACED IN A TRENCH (MINIMUM 6 INCH DEPTH) THAT IS CUT WITH A TRENCHER, CABLE LAYING MACHINE, OR OTHER SUITABLE DEVICE. THE TRENCH SHALL NOT BE CONSTRUCTED WITH THE TILT BLADE OF A BULLDOZER.
 - STAKES MUST BE BACKFILLED WITH SOIL AND PROPERLY COMPACTED. WHEN AGGRESSIVELY PULLED UPWARD BETWEEN TWO CONSECUTIVE STAKES, THE MATERIAL SHOULD NOT PULL OUT OF THE GROUND.
 - STAKES (MIN. 3/4" DIA. LENGTH, 2" X 2" HARDWOOD OF GOOD QUALITY) MUST BE PALCED ON THE DOWN-SLOPE SIDE OF THE SILT FENCE MATERIAL.
 - SILT FENCE MATERIAL MUST BE PULLED TIGHT BETWEEN CONSECUTIVE STAKES TO ENSURE THE TRENCH IS FULL.
 - WHEN IT IS NECESSARY TO JOIN TWO SEPARATE LENGTHS OF SILT FENCE TO FORM A CONTINUOUS RAIL, THE END OF TWO SEPARATE LENGTHS MUST BE JOINED TOGETHER BY FIRST OVERLAPPING THEM AND THEN TWISTING THEM TOGETHER AT LEAST 180° PRIOR TO DRAWING THE STAKES INTO THE GROUND.
 - CONOURS IN EXCESS OF 1% REQUIRE SILT FENCE TO BE "HOOKED" AS DESCRIBED IN THE SWPPP DOCUMENT.

- MAINTENANCE:**
- REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/10 THE HEIGHT OF THE SILT FENCE. THE REMOVED SEDIMENT MUST BE STABILIZED AND SHOULD NOT BE PLACED WHERE IT COULD CAUSE EROSION OR DAMAGE TO THE SILT FENCE.
 - REPLACE AND PROPERLY DISPOSE OF DAMAGED SILT FENCE MATERIAL.
 - AREAS WHERE SURFACE FLOW HAS CUT UNDER THE SILT FENCE MATERIAL WITHIN THE TRENCH SHALL BE RE-COMPACTED WITH APPROPRIATE MATERIAL (I.E. HIGH CLAY CONTENT).
- REMOVAL:**
- PULL OUT ALL SILT FENCE MATERIAL AND STAKES AND PROPERLY DISPOSE OF OFF-SITE.
 - RE-GRADE AREA WHERE SEDIMENT HAS ACCUMULATED AS NECESSARY AND ESTABLISH VEGETATION IN ANY RESULTING DISTURBED AREAS.



SILT FENCE

SCALE: N.T.S.



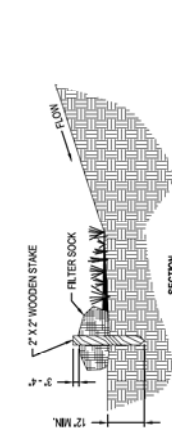
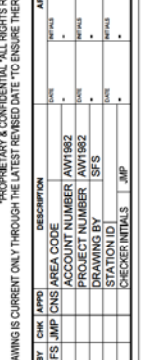
RIPRAP CHANNEL

SCALE: N.T.S.



DIVERSION SWALE

SCALE: N.T.S.

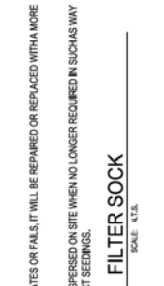


- NOTES:**
- ALL FILTER SOCK MUST BE 12-INCH COMPOST FILTER SOCK OR THE ENGINEERED EQUIVALENT.
 - MATERIALS - COMPOST USED FOR FILTER SOCKS SHALL BE WEED, PATHOGEN AND INSECT FREE AND FREE OF ANY REFUSE, CONTAMINANTS OR OTHER MATERIALS TOXIC TO PLANT GROWTH. THEY SHALL BE DERIVED FROM A WELL-CONTAMINATED SOURCE OF ORGANIC MATTER AND CONSIST OF A PARTICLES RANGING FROM 38" TO 1/2".
 - FILTER SOCKS SHALL BE 3 OR 5 MI. CONTINUOUS, TUBULAR, HOPE 38" UNITTED MESH NETTING MATERIAL, FILLED WITH COMPOST PASSING THE ABOVE SPECIFICATIONS FOR COMPOST PRODUCTS.

- INSTALLATION:**
- FILTER SOCKS WILL BE PLACED ON A LEVEL LINE ACROSS SLOPES, GENERALLY PARALLEL TO THE BASE OF THE SLOPE OR OTHER AFFECTED AREA ON SLOPES APPROACHING 2:1. ADDITIONAL SOCKS SHALL BE PROVIDED AT THE TOP AND AS NEEDED MID-SLOPE.
 - FILTER SOCKS INTENDED TO BE LEFT AS A PERMANENT FILTER OR PART OF THE NATURAL LANDSCAPE SHALL BE SEED AT THE TIME OF INSTALLATION FOR ESTABLISHMENT OF PERMANENT VEGETATION.
 - FILTER SOCKS ARE NOT TO BE USED IN CONCENTRATED FLOW SITUATIONS OR IN RUNOFF CHANNELS.
- MAINTENANCE:**
- INSPECT FILTER SOCKS AFTER EACH SIGNIFICANT RAIN, MAINTAINING FILTER SOCKS IN A FUNCTIONAL CONDITION AT ALL TIMES.
 - REMOVE SEDIMENTS COLLECTED AT THE BASE OF THE FILTER SOCKS WHEN THEY REACH 1/3 OF THE EXPOSED HEIGHT OF THE PRACTICE.
 - WHERE THE FILTER SOCKS DEGRADATES OR FAILS, IT WILL BE REPAIRED OR REPLACED WITH A MORE EFFECTIVE ALTERNATIVE.
 - REMOVAL - FILTER SOCKS WILL BE DISPERSED ON SITE WHEN NO LONGER REQUIRED IN SUCHAS WAY AS TO FACILITATE AND NOT OBSTRUCT SEEDINGS.

FILTER SOCK

SCALE: N.T.S.

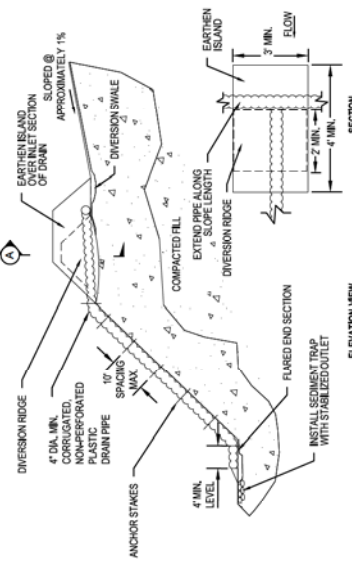


SILT FENCE ROCK OUTLET

SCALE: N.T.S.



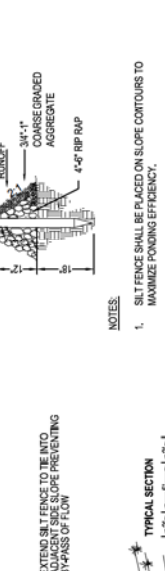
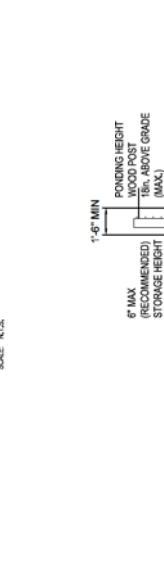
- NOTES:**
- SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE FLOWING EFFICIENCY.
 - INSPECT AND REPAIR AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN IT REACHES ONE-HALF HEIGHT OF FENCE OR FABRIC STARTS TO BULGE.
 - REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
 - TURN END OF SILT FENCE UP SLOPE TO PREVENT BYPASS FLOW AND ALLOW FOR PONING.
 - SEE TYPICAL SILT FENCE DETAIL FOR ADDITIONAL INFORMATION.



- NOTES:**
- THE SLOPE DRAIN SHALL BE CONSTRUCTED LENGTHENED WITH THE CONSTRUCTION OF THE SLOPE. ELEVATIONS WILL VARY ACCORDING TO GRADE ELEVATIONS AT THE TIME OF CONSTRUCTION.
 - INSPECT SLOPE DRAIN AND SUPPORTING DIMENSIONS AFTER EVERY RAINFALL EVENT AND MAKE NECESSARY REPAIRS FOR PROPER OPERATION OF THE SYSTEM.
 - UPON PROJECT COMPLETION, REMOVE THE SLOPE DRAIN AND PROPERLY STABILIZE ALL DISTURBED AREAS.

TEMPORARY SLOPE DRAIN

SCALE: N.T.S.



- NOTES:**
- SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE FLOWING EFFICIENCY.
 - INSPECT AND REPAIR AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN IT REACHES ONE-HALF HEIGHT OF FENCE OR FABRIC STARTS TO BULGE.
 - REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
 - TURN END OF SILT FENCE UP SLOPE TO PREVENT BYPASS FLOW AND ALLOW FOR PONING.
 - SEE TYPICAL SILT FENCE DETAIL FOR ADDITIONAL INFORMATION.

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DUKE ENERGY

 Piedmont Natural Gas

PROFESSIONAL ENGINEER'S STAMP
 BURNS & MCDONNELL ENGINEERING COMPANY, INC.
 STATE LICENSE # FOL 01517

NO.	DATE	REVISION DESCRIPTION	BY (CNS)	DESCRIPTION
1	12-18-2020	REVISED 30% DESIGN	SFS/JMP	CNS

APPROVALS

ROLE	NAME	DATE
REGIONAL ENGINEER		
MGR. TECH		
REC. & STD		
PRINCIPAL ENGINEER		

PROJECT NUMBER: AWT1982
 DRAWING BY: SFS
 STATION ID: A
 CHECKER INITIALS: JMP

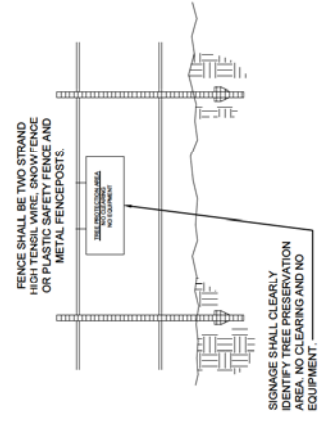
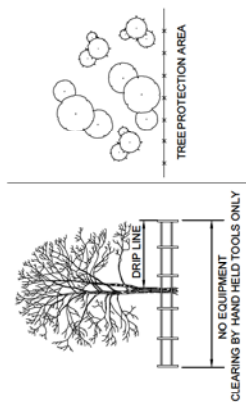
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SHEETS: 3 OF 5
 DWG SCALE: AS NOTED
 DWG DATE: 10/12/2020
 SUPERSEDED: _____

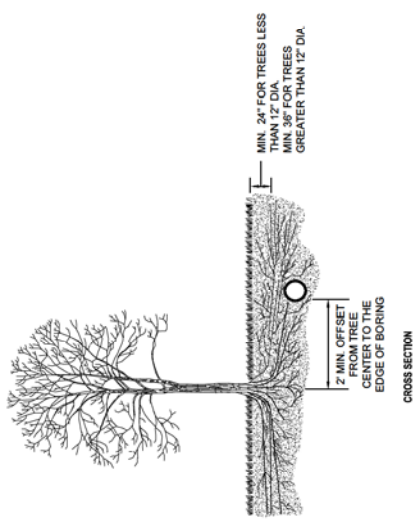
PROJECT: C367 PIPELINE
 EROSION SEDIMENT CONTROL DETAILS 3
 CLEMMONT COUNTY, OHIO
 KELLLOGG, OH

PNG - C-367-0002502
 GSWELLDWG007

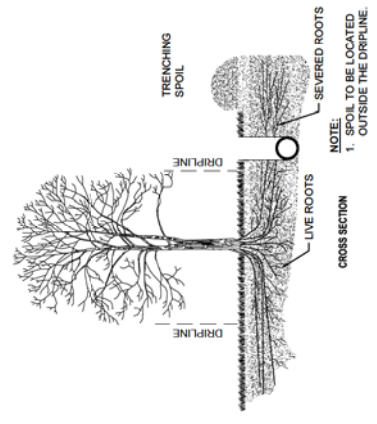
- PRESERVATION OF NATURAL VEGETATION**
- AREAS WHERE NATURAL VEGETATION IS TO BE PRESERVED, INCLUDING TREES, SHALL BE FENCED PRIOR TO BEGINNING CLEARING OPERATIONS.
 - ACCEPTABLE FENCE MATERIALS INCLUDE PLASTIC FENCE OR SNOW FENCE ANCHORED TO METAL FENCE POSTS.
 - SIGNAGE SHALL CLEARLY IDENTIFY THE PROTECTION AREA AND STATE THAT NO CLEARING OR EQUIPMENT IS ALLOWED WITHIN IT.
 - FENCE SHALL REMAIN AROUND PROTECTION AREAS UNTIL AFTER FINAL GRADING HAS BEEN COMPLETED.
 - FENCE SHALL BE PLACED AS SHOWN ON PLANS AND BEYOND THE DRIP LINE OR CANOPY OF TREES TO BE PROTECTED.
 - IF ANY CLEARING IS DONE AROUND SPECIMEN TREES IT SHALL BE DONE BY CUTTING AT GROUND LEVEL WITH HAND TOOLS AND SHALL NOT BE GRUBBED OR PULLED OUT.



TREE PRESERVATION AREA
SCALE: N.T.S.



TREE PRESERVATION AREA DURING BORING
SCALE: N.T.S.



TREE PRESERVATION AREA BEFORE TRENCHING
SCALE: N.T.S.

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DUKE ENERGY
 Piedmont Natural Gas
 commitment 2008

**C367 PIPELINE
 EROSION SEDIMENT CONTROL DETAILS 4
 CLEMONT COUNTY, OHIO**
 KELLLOGG, OH

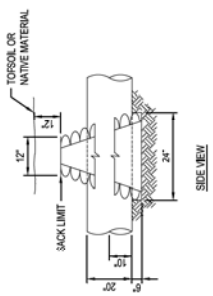
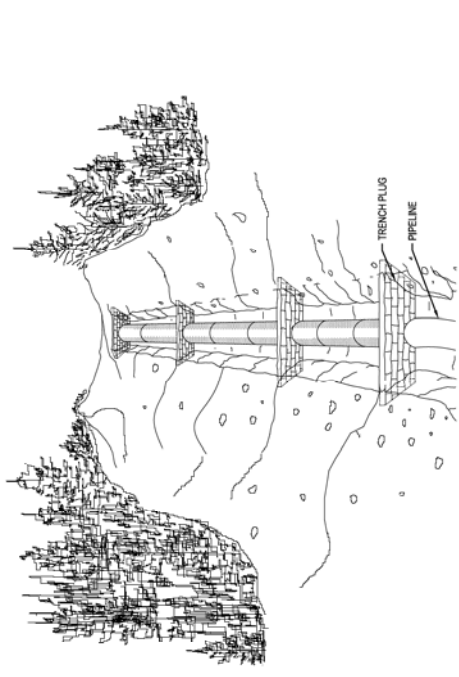
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						DRAWING BY: SFS
						STATION ID:
						CHECKER INITIALS: JMP

REGIONAL ENGINEER	DATE	INITIALS
MGR. TECH REC & STD	DATE	INITIALS
PRINCIPAL ENGINEER	DATE	INITIALS

REF. DWG(S): PNC-C-367-0002001

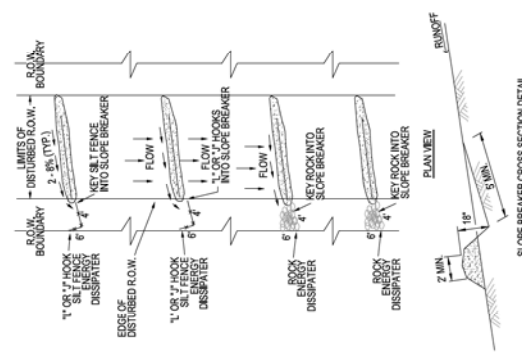
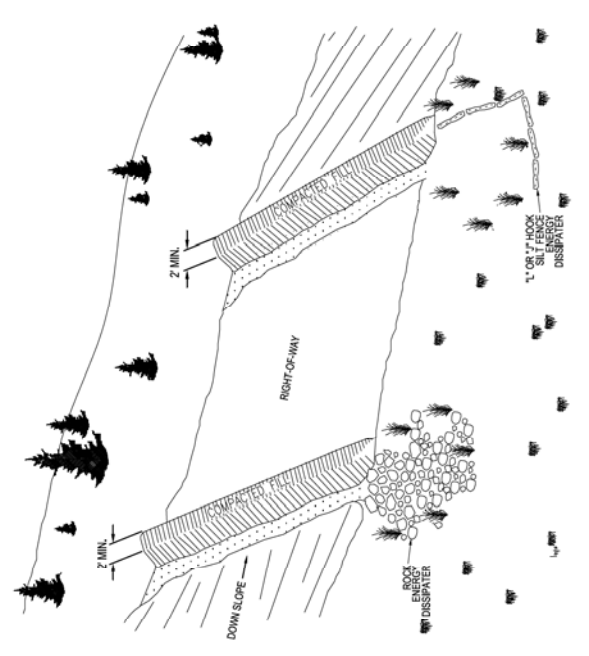
SHEETS: 3 OF 5
 DWG DATE: 10/12/2020
 DRAWING NUMBER: PNC -C-367-0002503
 SUPERSEDED
 AS NOTED

PROFESSIONAL ENGINEER'S STAMP



- NOTES:**
- TRENCH PLUGS SHALL BE INSTALLED:
 - ON SLOPES ALONG THE TRENCH LINE WHERE THE NATURAL DRAINAGE PATTERN PROFILE, AND TYPE OF BACKFILL MATERIAL MAY RESULT IN LOSS OF BACKFILL MATERIAL OR ALTERATION OF THE NATURAL PATTERN;
 - WHERE NEEDED TO AVOID DRAINING A WETLAND;
 - ON UPLAND SLOPES, AT THE SAME SPACING AS SLOPE BREAKERS AND UP SLOPE OF SLOPE BREAKERS;
 - IN CULTIVATED LAND AND RESIDENTIAL AREAS WHERE PERMANENT SLOPE BREAKERS ARE NOT TYPICALLY INSTALLED, AT THE SAME SPACING AS IF PERMANENT SLOPE BREAKERS WERE REQUIRED
 - PLUGS SHALL BE INSTALLED IN ACCORDANCE WITH DUKE CONSTRUCTION STANDARDS AND AS DIRECTED BY COMPANY'S INSPECTOR. SACK BREAKS SHALL UTILIZE OPEN WEAVE HEMP OR JUTE SACKS FILLED WITH MINIMUM OF 50% OF SUBSOIL SAND OR A MIXTURE OF 1 PART CEMENT TO 8 PARTS SAND OR SUBSOIL AS DETERMINED BY COMPANY'S INSPECTOR. POLYURETHANE FOAM BREAKERS MAY BE USED IN-STEAD OF SACK BREAKERS, WHEN APPROVED BY COMPANY'S REPRESENTATIVE.
 - PLUG SPACING AND CONFIGURATION MAY BE CHANGED AS DIRECTED BY COMPANY. DEPTH OF DITCH MAY VARY WITH SITE CONDITIONS.
 - ALL MATERIALS SHALL BE SUPPLIED BY CONTRACTOR.

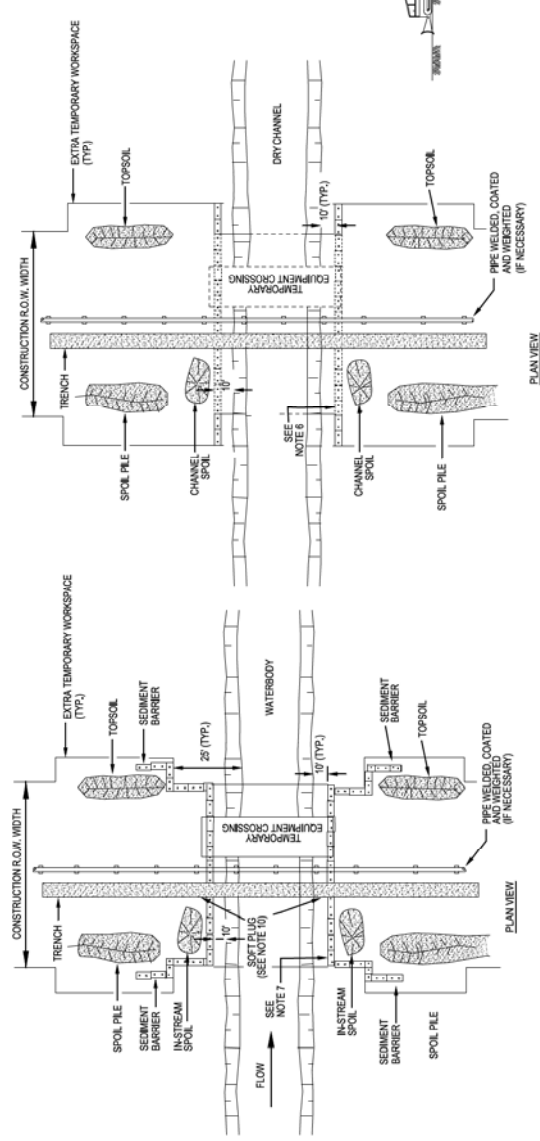
TYPICAL TRENCH PLUG
SCALE: N.T.S.



- NOTES:**
- SLOPE BREAKERS SHALL BE CONSTRUCTED OF COMPACTED NATIVE SOIL AND INSTALLED AT LOCATIONS AS REQUIRED BY DUKE CONSTRUCTION STANDARDS OR AS DIRECTED BY THE COMPANY'S REPRESENTATIVE.
 - SLOPE BREAKERS SHALL BE ORIENTED AS SHOWN OR OTHER PATTERN AS DIRECTED BY THE COMPANY'S REPRESENTATIVE TO DIRECT THE WATER OFF THE RIGHT-OF-WAY.
 - SLOPE BREAKERS SHALL BE CONSTRUCTED AT 24% GRADE ACROSS THE SLOPE.
 - THE SLOPE BREAKERS SHALL BE 18\"/>

TYPICAL SLOPE BREAKER
SCALE: N.T.S.

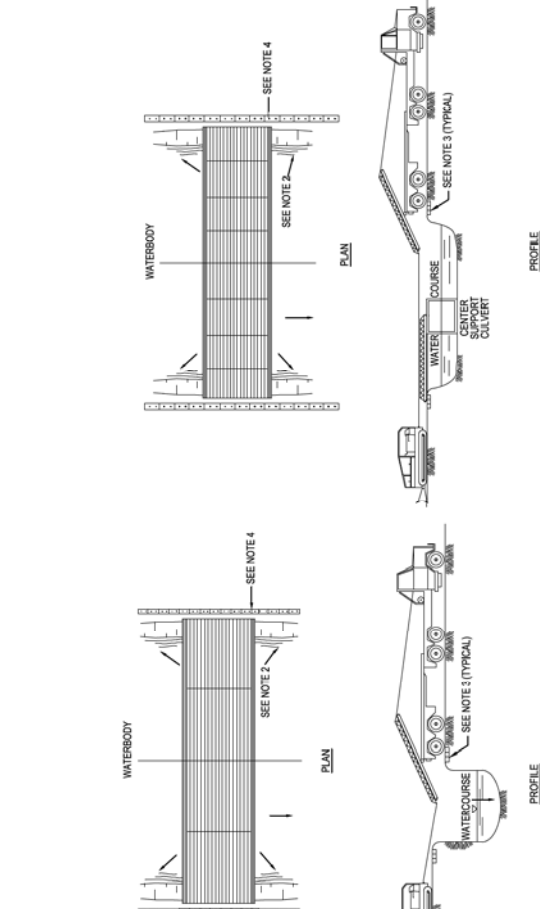
DUKE ENERGY & PIEDMONT NATURAL GAS DRAWINGS ARE CONFIDENTIAL. DRAWING IS CURRENT ONLY THROUGH THE LATEST REVISION DATE. TO ENSURE THERE IS NO RISK OF INAPPROPRIATE DISCLOSURE, ALL PREVIOUS PAPER COPIES OF THIS DRAWING MUST BE DESTROYED IN ACCORDANCE WITH RECORDS & INFO MANAGEMENT (RM)		REF. DWG(S): PNG-C-367-0002001
NO. DATE	REVISION DESCRIPTION	SHEETS: 3 OF 5
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BY: SFS/JMP	BY: CWS/JRS	DWG SCALE: AS NOTED
DESCRIPTION: AREA CODE: AW1982	PROJECT NUMBER: AW1982	DRAWING NUMBER: PNG -C-367-0002504
DRAWING BY: SFS	STATION ID:	REVISION: A
CHECKER INITIALS: JMP		DATE: 10/12/2020
<p>C367 PIPELINE EROSION SEDIMENT CONTROL DETAILS 5 CLERMONT COUNTY, OHIO</p>		
<p>PROFESSIONAL ENGINEER'S STAMP</p>		



TYPICAL FLOWING WATERBODY CROSSING OPEN CUT TRENCHED

SCALE: N.T.S.

- NOTES:
- METHOD APPLIES TO WATERBODIES THAT ARE NOT STATE-DESIGNATED FISHERIES WHERE FLUME CROSSINGS ARE NOT REQUIRED.
 - IF TOPOGRAPHY PERMITS TEMPORARY EQUIPMENT BRIDGE INSTALLATION, THE CONTRACTOR SHALL LINE CREEP TRAVEL OVER THE BRIDGE.
 - IF TOPOGRAPHY PROHIBITS INSTALLATION OF A TEMPORARY EQUIPMENT BRIDGE, CONTRACTOR SHALL TRENCH UP TO BOTH SIDES OF CROSSING, STRING, WELD, COAT AND WEIGHT (IF NECESSARY) USING THE MANLINE CREW IN STREAM EXCAVATION. LOWER N. AND BACKFILL WILL UTILIZE A CLEAN OR HOES WORKING FROM THE BANKS.
 - COMPLETE ALL INSTREAM ACTIVITIES WITHIN 24 HOURS IF FEASIBLE. NO INSTREAM WORK BETWEEN APRIL 15 AND JUNE 30.
 - NO REFUELING OF MOBILE EQUIPMENT WITHIN 100 FEET OF WATERBODY. REFUEL STATIONARY EQUIPMENT AS PER THE SPEC PLAN.
 - NO REFUELING OF MOBILE EQUIPMENT WITHIN 100 FEET OF WATERBODY. REFUEL STATIONARY EQUIPMENT AS PER THE SPEC PLAN.
 - CONSTRUCT SEDIMENT BARRIERS ALONG THE SIDES OF STOCKPILES AND ACROSS THE ENTIRE CONSTRUCTION R.O.W. TO PREVENT SILT LADEN WATER AND SOIL FROM FLOWING BACK INTO WATERBODY. BARRIERS MAY BE TEMPORARILY REMOVED TO ALLOW CONSTRUCTION ACTIVITIES BUT MUST BE REPLACED BY THE END OF EACH WORK DAY.
 - INSTREAM SPOIL TO BE STORED OUT OF THE STREAM CHANNEL A MINIMUM OF 10 FEET FROM THE WATERS EDGE AND WITHIN THE CONSTRUCTION R.O.W. UNLESS DEPICTED OTHERWISE IN SITE SPECIFIC CROSSING PLANS. TEMPORARY WORKSPACE MUST BE A MINIMUM OF 25' FROM THE WATERS EDGE.
 - INSTALL SFT PLUGS AT THE EDGE OF STREAM BANKS UNTIL JUST PRIOR TO PIPE INSTALLATION TO CONTROL WATER FLOW AND TRENCH SLOUGHING.
 - MAINTAIN STREAM FLOW THROUGHOUT CONSTRUCTION.
 - BACKFILL WITH NATIVE MATERIAL.
 - RESTORE CROSSED CHANNEL TO APPROXIMATE PRE-CONSTRUCTION PROFILE AND SUBSTRATE.
 - RESTORE STREAM BANKS TO APPROXIMATE ORIGINAL CONDITION AND STABILIZE AS REQUIRED.
 - ALL DIMENSIONS INDICATED SHALL BE DETERMINED BY ACTUAL CONSTRUCTION CONDITIONS.
 - NO FORD CROSSINGS ARE PERMITTED.



TYPICAL PORTABLE WATERBODY BRIDGE WITH CULVERT SUPPORT

SCALE: N.T.S.

- NOTES:
- THIS TYPE OF BRIDGE IS GENERALLY USED FOR CROSSINGS THAT ARE TOO WIDE FOR A SINGLE BRIDGE SECTION AND RELATIVELY SHALLOW.
 - BRIDGE IS ANCHORED AND/OR TIED OFF TO ANCHOR BLOCKS FOR STABILITY.
 - APPROACH FILLS OF CLEAN GRANULAR MATERIAL, SWAMP MATS, SWDS OR OTHER MATERIALS TO AVOID CUTTING THE BANKS WHEREVER FEASIBLE. ENSURE ADEQUATE FREEBOARD AS REQUIRED. ENSURE THAT FILL MATERIAL USED DOES NOT SPILL INTO WATERCOURSE.
 - CONSTRUCT SEDIMENT BARRIERS ACROSS THE ENTIRE CONSTRUCTION R.O.W. TO PREVENT SILT LADEN WATER AND SOIL FROM FLOWING BACK INTO WATERBODY. BARRIERS MAY BE TEMPORARILY REMOVED TO ALLOW CONSTRUCTION ACTIVITIES BUT MUST BE REPLACED BY THE END OF EACH WORK DAY. FRESH SANDbags MAY BE USED AS AN ALTERNATIVE.
 - REMOVE PORTABLE BRIDGES AS SOON AS POSSIBLE AFTER PERMANENT SEEDING UNLESS OTHERWISE DIRECTED BY COMPANY REPRESENTATIVE. THE STRUCTURES IS TO BE REMOVED IF THERE IS MORE THAN ONE MONTH BETWEEN FINAL GRADING AND SEEDING, AND ALTERNATIVE ACCESS TO THE CONSTRUCTION R.O.W. IS AVAILABLE.
 - RESTORE AND STABILIZE BED AND BANKS TO APPROXIMATE PRE-CONSTRUCTION CONDITIONS.

TYPICAL NON-FLOWING WATERBODY CROSSING OPEN CUT TRENCHING

SCALE: N.T.S.

- NOTES:
- METHOD APPLIES TO WATERBODIES WHERE NO FLOWING WATER IS PRESENT AT THE TIME OF CROSSING.
 - CONTRACTOR MAY "MANLINE THROUGH" THE CROSSING OR UP TO BOTH SIDES OF THE CROSSING, STRING, WELD, COAT AND WEIGHT (IF NECESSARY) USING THE MANLINE CREW WITH THE PIPE SPOILED OVER THE CROSSING.
 - NO REFUELING OF MOBILE EQUIPMENT WITHIN 100 FEET OF DRY CHANNEL. REFUEL STATIONARY EQUIPMENT AS PER THE SPEC PLAN.
 - INSTALLATION OF TEMPORARY EQUIPMENT CROSSING IS REQUIRED AT ALL STREAM CROSSINGS. EQUIPMENT CROSSING MUST BE BUILT IN ACCORDANCE WITH THE TYPICAL PORTABLE EQUIPMENT CROSSING.
 - IN AGRICULTURAL LAND, STRIP TOPSOIL FROM SPOIL STORAGE AREA, STOCKPILE TOPSOIL AND SPILL SEPARATELY. TOPSOIL AND SPOIL WILL NOT BE STOCKPILED IN THE CROSSING CHANNEL AND WILL BE PLACED A MINIMUM OF 10 FEET FROM CROSSING BANKS WITHIN THE CONSTRUCTION R.O.W.
 - CONTROL, CLEANING AND GRADING AND MAINTAIN UNTIL CONSTRUCTION OF THE CROSSING SECTION AND STABILIZATION OF BANKS. BARRIERS MAY BE TEMPORARILY REMOVED TO ALLOW CONSTRUCTION ACTIVITIES BUT MUST BE REPLACED BY THE END OF EACH WORK DAY.
 - INSTREAM SPOIL TO BE STORED OUT OF THE STREAM CHANNEL A MINIMUM OF 10 FEET FROM THE WATERS EDGE AND WITHIN THE CONSTRUCTION R.O.W. UNLESS DEPICTED OTHERWISE IN SITE SPECIFIC CROSSING PLANS.
 - BACKFILL WITH NATIVE MATERIAL.
 - RESTORE CROSSING CHANNEL TO APPROXIMATE PRE-CONSTRUCTION PROFILE AND SUBSTRATE.
 - RESTORE CROSSING BANKS TO APPROXIMATE ORIGINAL CONDITION AND STABILIZE AS REQUIRED.
 - ALL DIMENSIONS INDICATED SHALL BE DETERMINED BY ACTUAL CONSTRUCTION CONDITIONS.

TYPICAL PORTABLE WATERBODY BRIDGE WITH CULVERT SUPPORT

SCALE: N.T.S.

- NOTES:
- THIS TYPE OF BRIDGE IS GENERALLY USED FOR CROSSINGS THAT ARE TOO WIDE FOR A SINGLE BRIDGE SECTION AND RELATIVELY SHALLOW.
 - BRIDGE IS ANCHORED AND/OR TIED OFF TO ANCHOR BLOCKS FOR STABILITY.
 - APPROACH FILLS OF CLEAN GRANULAR MATERIAL, SWAMP MATS, SWDS OR OTHER MATERIALS TO AVOID CUTTING THE BANKS WHEREVER FEASIBLE. ENSURE ADEQUATE FREEBOARD AS REQUIRED. ENSURE THAT FILL MATERIAL USED DOES NOT SPILL INTO WATERCOURSE.
 - CONSTRUCT SEDIMENT BARRIERS ACROSS THE ENTIRE CONSTRUCTION R.O.W. TO PREVENT SILT LADEN WATER AND SOIL FROM FLOWING BACK INTO WATERBODY. BARRIERS MAY BE TEMPORARILY REMOVED TO ALLOW CONSTRUCTION ACTIVITIES BUT MUST BE REPLACED BY THE END OF EACH WORK DAY. FRESH SANDbags MAY BE USED AS AN ALTERNATIVE.
 - REMOVE PORTABLE BRIDGES AS SOON AS POSSIBLE AFTER PERMANENT SEEDING UNLESS OTHERWISE DIRECTED BY COMPANY REPRESENTATIVE. THE STRUCTURE IS TO BE REMOVED IF THERE IS MORE THAN ONE MONTH BETWEEN FINAL GRADING AND SEEDING, AND ALTERNATIVE ACCESS TO THE CONSTRUCTION R.O.W. IS AVAILABLE.
 - RESTORE AND STABILIZE BED AND BANKS TO APPROXIMATE PRE-CONSTRUCTION CONDITIONS.

NO.	DATE	REVISION DESCRIPTION	BY	CHK	APP	DESCRIPTION
1	12-18-2020	REVISED 30% DESIGN	SFS	JMP	CNS	AREA CODE
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						PROJECT NUMBER: AWT1982
						DRAWING BY: SFS
						STATION ID:
						CHECKER INITIALS: JMP

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DUKE ENERGY
 Piedmont Natural Gas
 commitment 2020

C367 PIPELINE
 EROSION SEDIMENT CONTROL DETAILS 6
 CLEMMONT COUNTY, OHIO

PROFESSIONAL ENGINEER/STAMP
 STATE LICENSE # 60410517

REF. DWG(S)	PNG-C-367-0002001
SHEET(S)	3 OF 5
DWG DATE	10/12/2020
SUPERSEDED	
DRAWING NUMBER	PNG - C-367-0002505
REVISION	A

