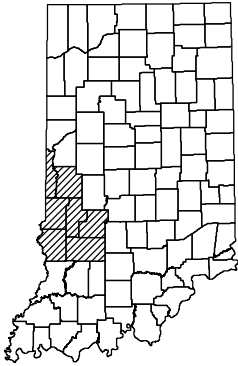


VARIOUS  
COUNTIES



STATE OF INDIANA  
INDIANA DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF RECLAMATION

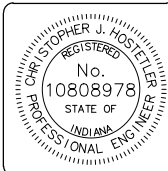


ABANDONED COAL MINE  
RESTORATION

NORTHERN MAINTENANCE  
VARIOUS SITES

CONTRACT DEL2115208379/E009-230  
CLAY, GREENE, SULLIVAN, PARKE, OWEN,  
VERMILLION, AND VIGO COUNTIES

SCOPE OF WORK INCLUDES:  
DITCH CONSTRUCTION  
SEEP DRAIN CONSTRUCTION  
SUBSIDENCE FILL



CERTIFIED BY: *Christopher J. Hostetler* 2/23/2021  
ENGINEERING SUPERVISOR DATE

APPROVED BY: *[Signature]* 2/23/2021  
DIRECTOR, DIVISION OF RECLAMATION DATE

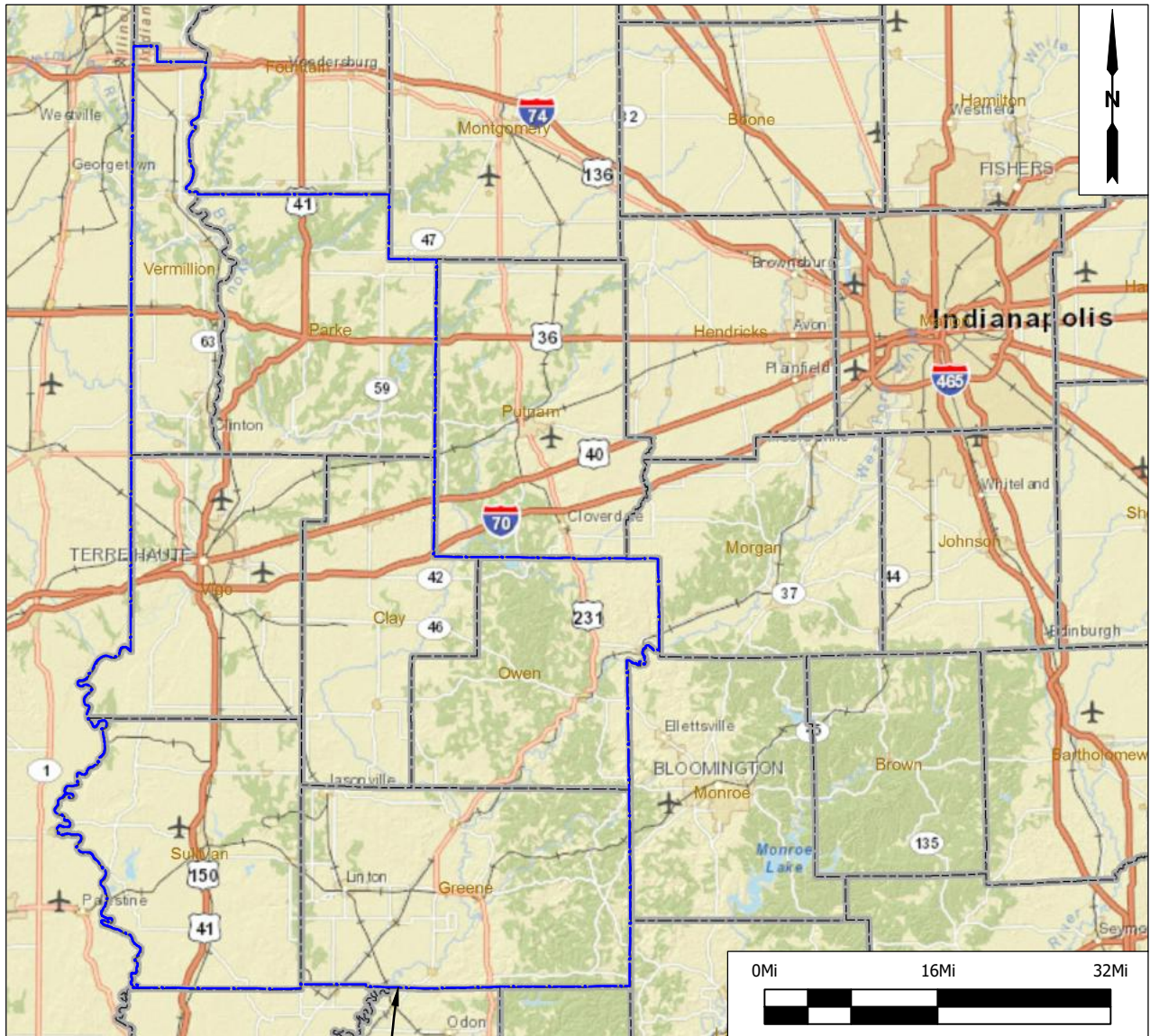
## GENERAL NOTES

2010 AML Standard Specifications shall be used with this project

Erosion control blanket, riprap, aggregate, and other materials placed in ditches as directed will be paid for separately in accordance with the schedule of supplemental unit prices.

## INDEX

SHEET NO.	SHEET TITLE
1	TITLE
2	INDEX & LOCATION MAP
3	WORK ORDER
4 - 8	DETAILS



UPC North

### Location Map

OpenStreetMap©



DATE MADE

2/8/2021

INDEX & LOCATION MAP

DESIGNED BY

C.J.H.

SCALE

AS NOTED

SHEET

2 OF 8

DATE REVISED

2/8/2021 3:27:52 PM

STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF RECLAMATION

DRAWN BY

C.J.H.

PROJECT

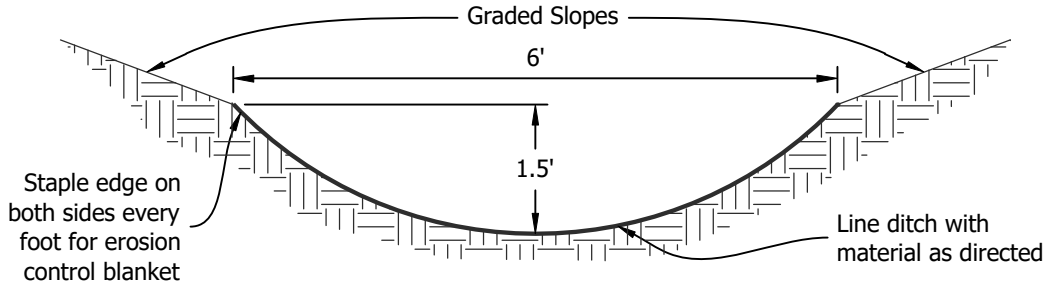
E009-230

SITE

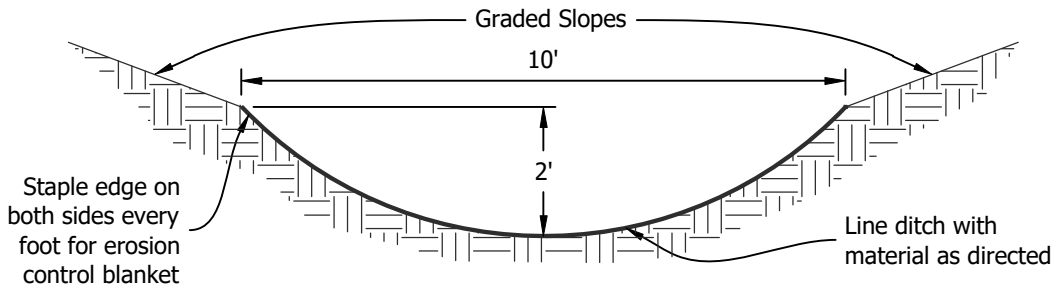
VARIOUS



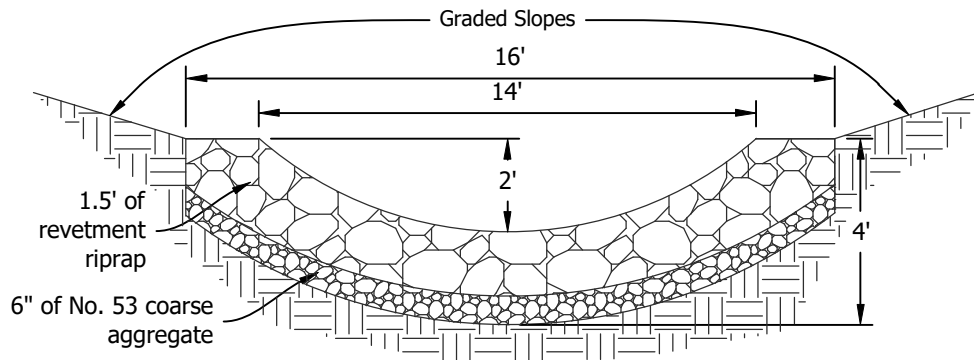
### Type I Ditch



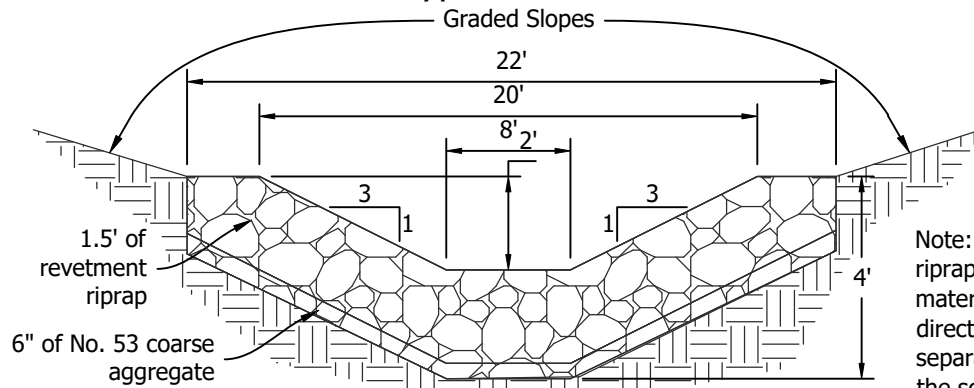
### Type II Ditch



### Type III Ditch



### Type IV Ditch



Note: Erosion control blanket, riprap, aggregate, and other materials placed in ditches as directed will be paid for separately in accordance with the schedule of supplemental unit prices.



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DETAILS - DITCH TYPES

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C.J.H.

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SHEET  
4 OF 8

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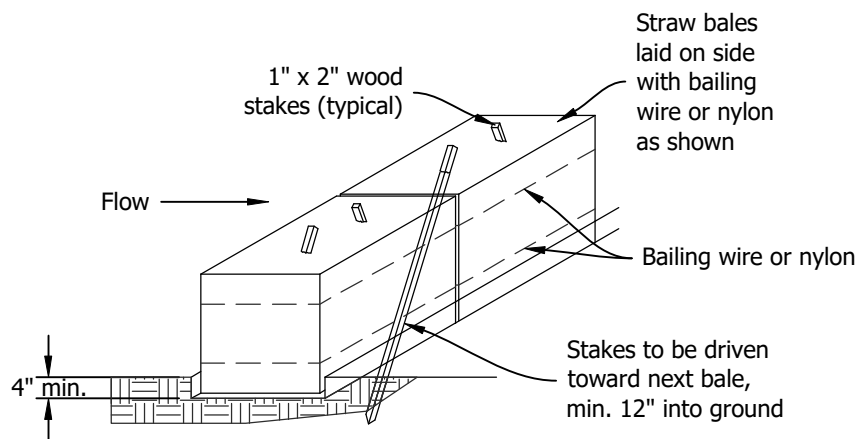
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DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF RECLAMATION

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PROJECT  
E009-230

SITE  
VARIOUS

## Temporary Check Dam, Straw Bale



DATE MADE  
2/8/2021

DETAILS - TEMPORARY CHECK DAM,  
STRAW BALES

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C.J.H.

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SHEET  
5 OF 8

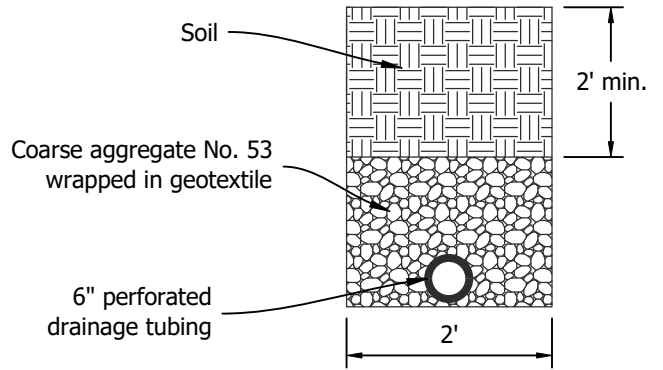
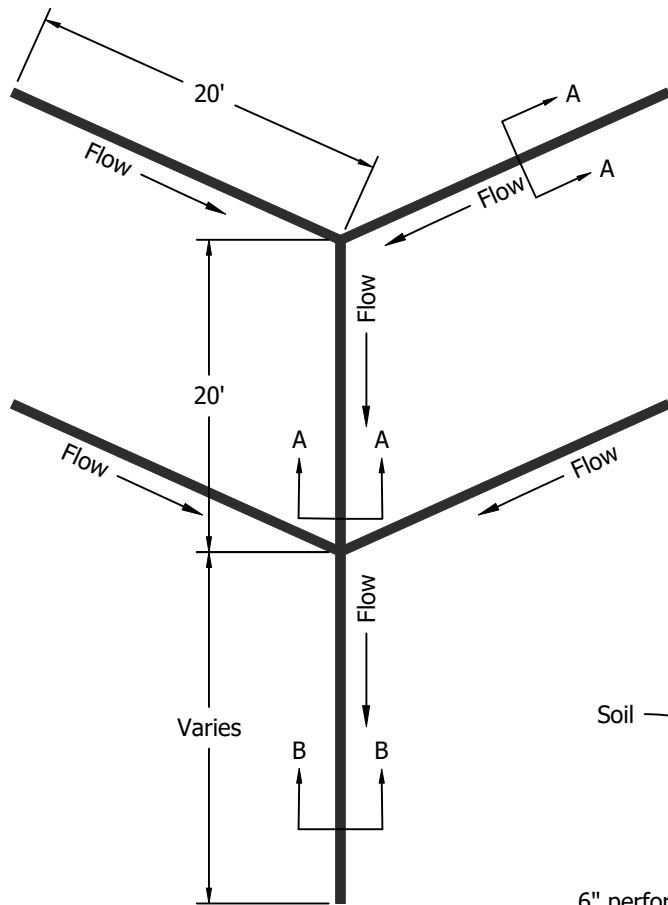
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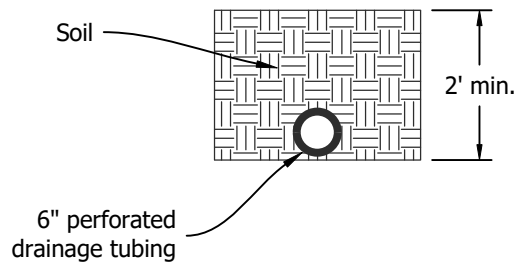
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Lateral Detail  
A-A



Collection Pipe  
B-B



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DETAILS - TILE DRAIN

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DESIGNED BY  
C.J.H.

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C.J.H.

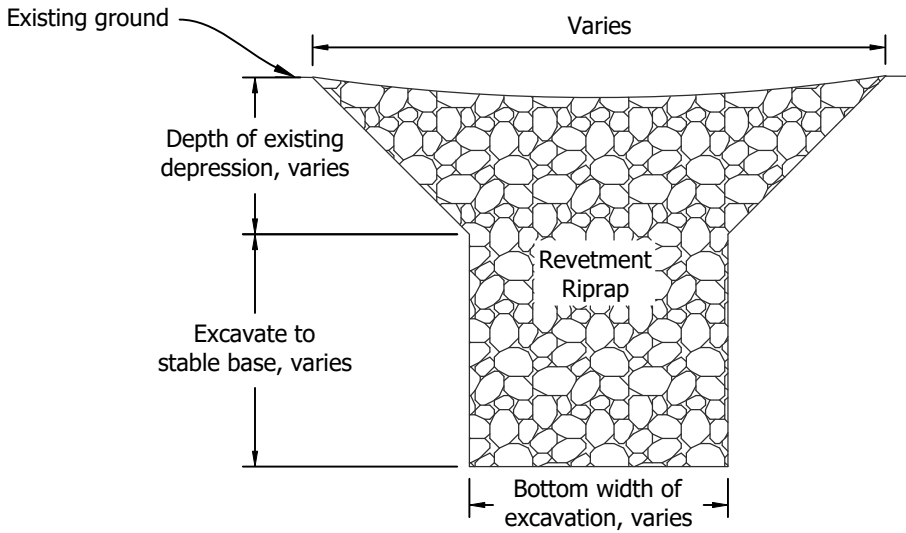
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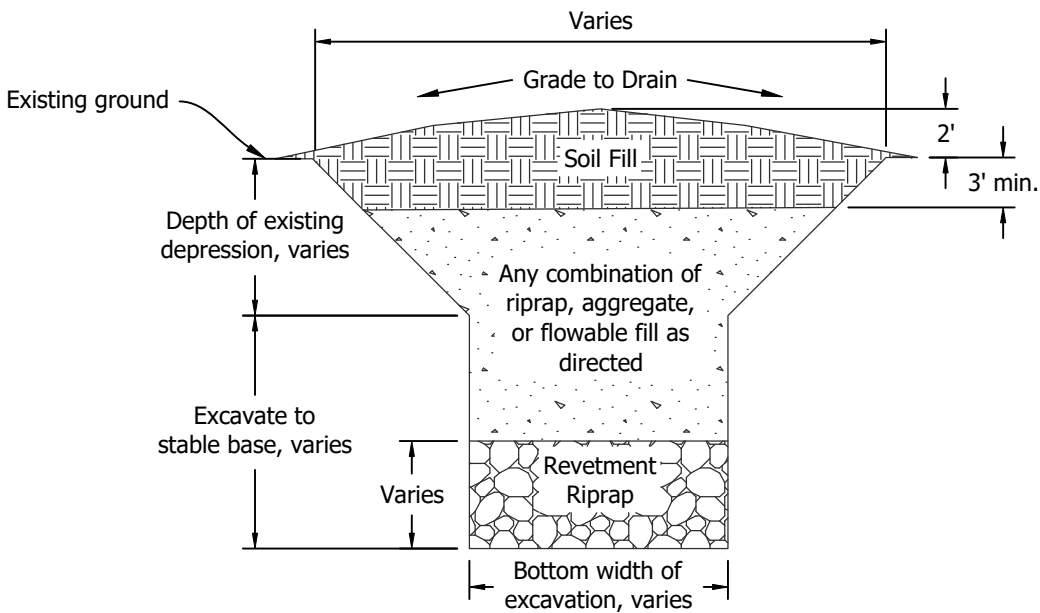
SHEET  
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SITE  
VARIOUS

## Typical Subsidence Backfill Type A



## Typical Subsidence Backfill Type B



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DETAILS - SUBSIDENCE BACKFILL

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DESIGNED BY  
C.J.H.

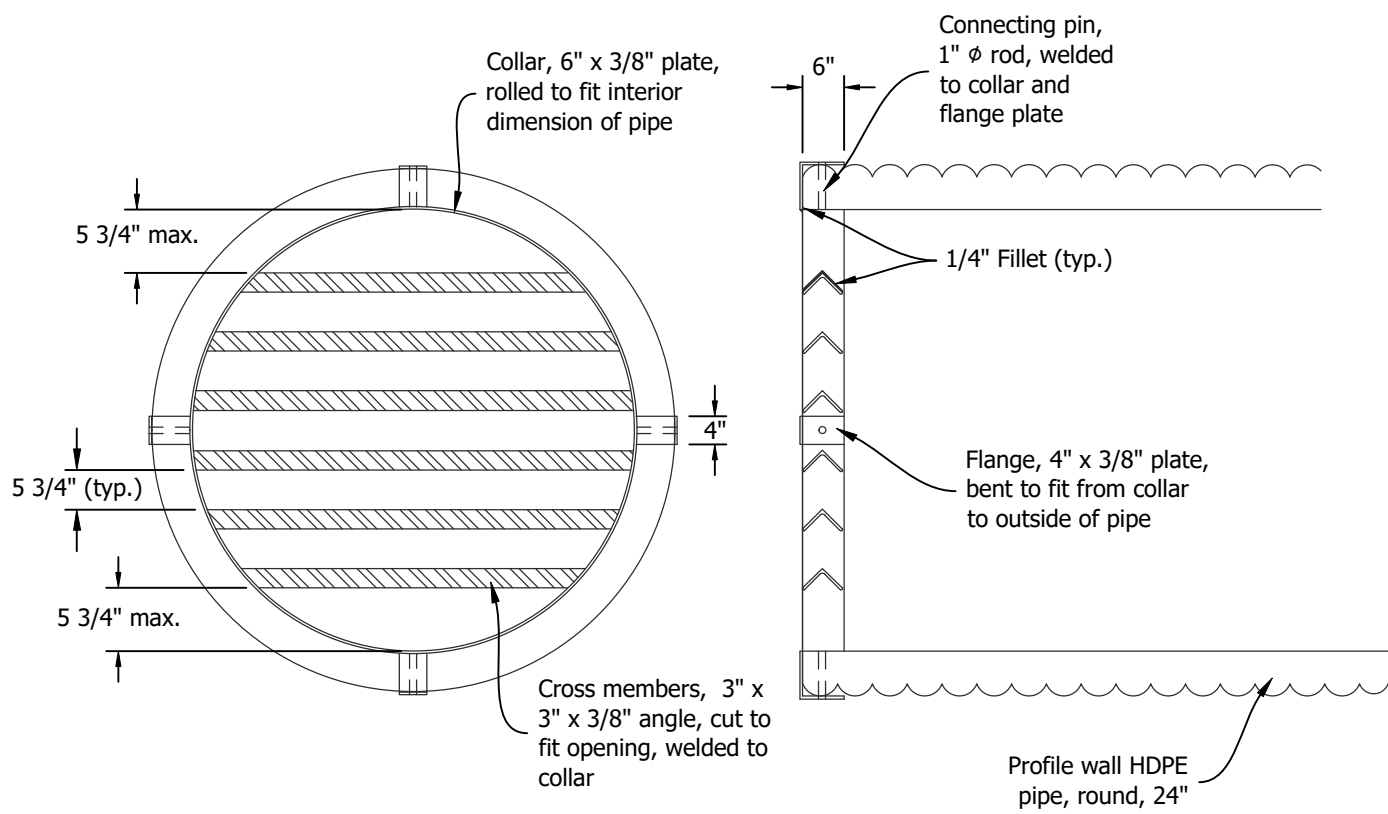
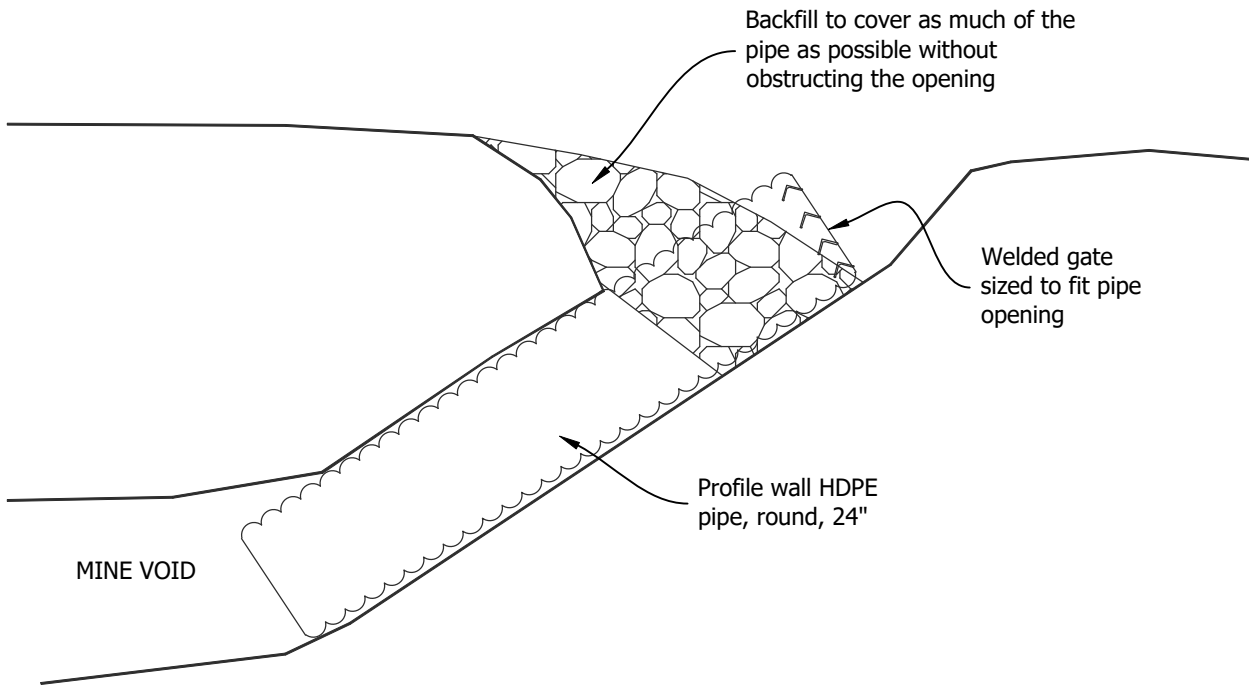
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E009-230

SHEET  
7 OF 8

SITE  
VARIOUS



Note: Entire welded gate shall be cleaned and painted with rust inhibiting primer, then top coated with high quality enamel paint (black or brown) prior to installation.



DATE MADE  
2/8/2021

DETAILS - CULVERT BAT GATE

DESIGNED BY  
C.J.H.

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8 OF 8

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