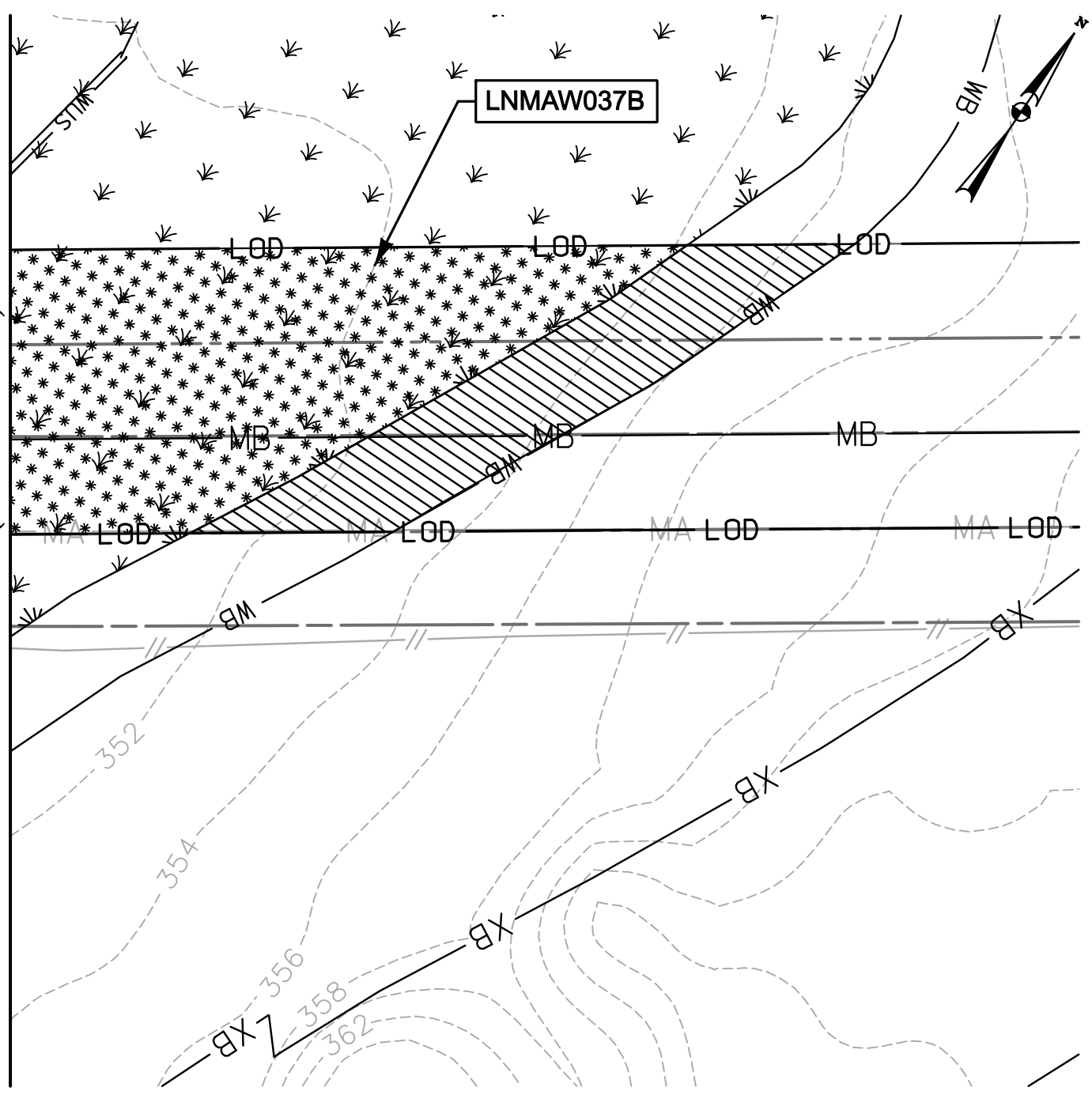
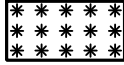



PLOTTED: '12:41 PM on Wednesday, May 27, 2015'
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849-drawings\IMPACT_PLATE.SET\45-Plate-LINE_MB-impact25.dgn

MATCHLINE (SEE IMPACT 24)



- 
 TEMPORARY NON-TIDAL
 PEM WETLAND IMPACT
 8,680 SF./ 0.20 AC.
- 
 TEMPORARY 25' NON-TIDAL
 WETLAND BUFFER IMPACT
 3,679 SF./ 0.08 AC.

NOTE:
 CLEARING, AND EROSION CONTROL DEVICE AND
 ACCESS BRIDGE INSTALLATION OCCURRED IN
 THESE RESOURCES PRIOR TO RECEIPT OF THE
 APRIL 30, 2015 COURT ORDER. NO FURTHER
 ACTIVITY HAS OCCURRED IN THESE RESOURCES.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 45 OF 90

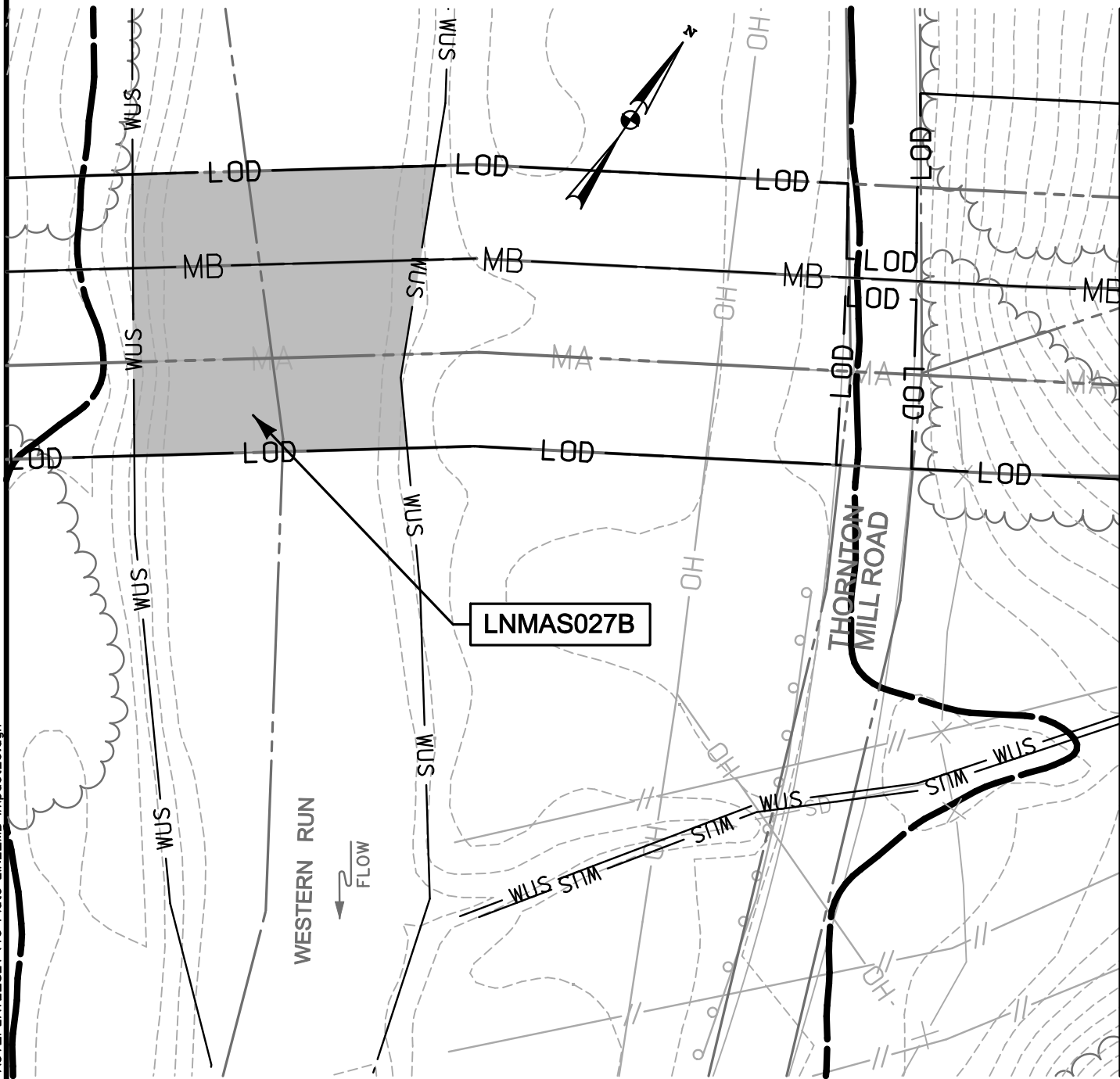


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 MAY 2015
 SCALE:
 1" = 40'
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LINE MB EXTENSION PROJECT
COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660
IMPACT 25
 LNMAW037B



MATCHLINE (SEE IMPACT 27)

FLOODPLAIN IMPACT THIS SHEET: 15,273 SF. 0.35 AC.

TEMPORARY WATERS OF U.S. IMPACT
5,620 SF. / 0.13 AC. / 75 LF.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 46 OF 90

PLOTTED: "12:42 PM on Wednesday, May 27, 2015"
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FILE: M:\2012\16121849\drawings\IMPACT_PLATES\HDD_IMPACT_PLATE_SET\46-Plate-Line_MB-impact26.dgn



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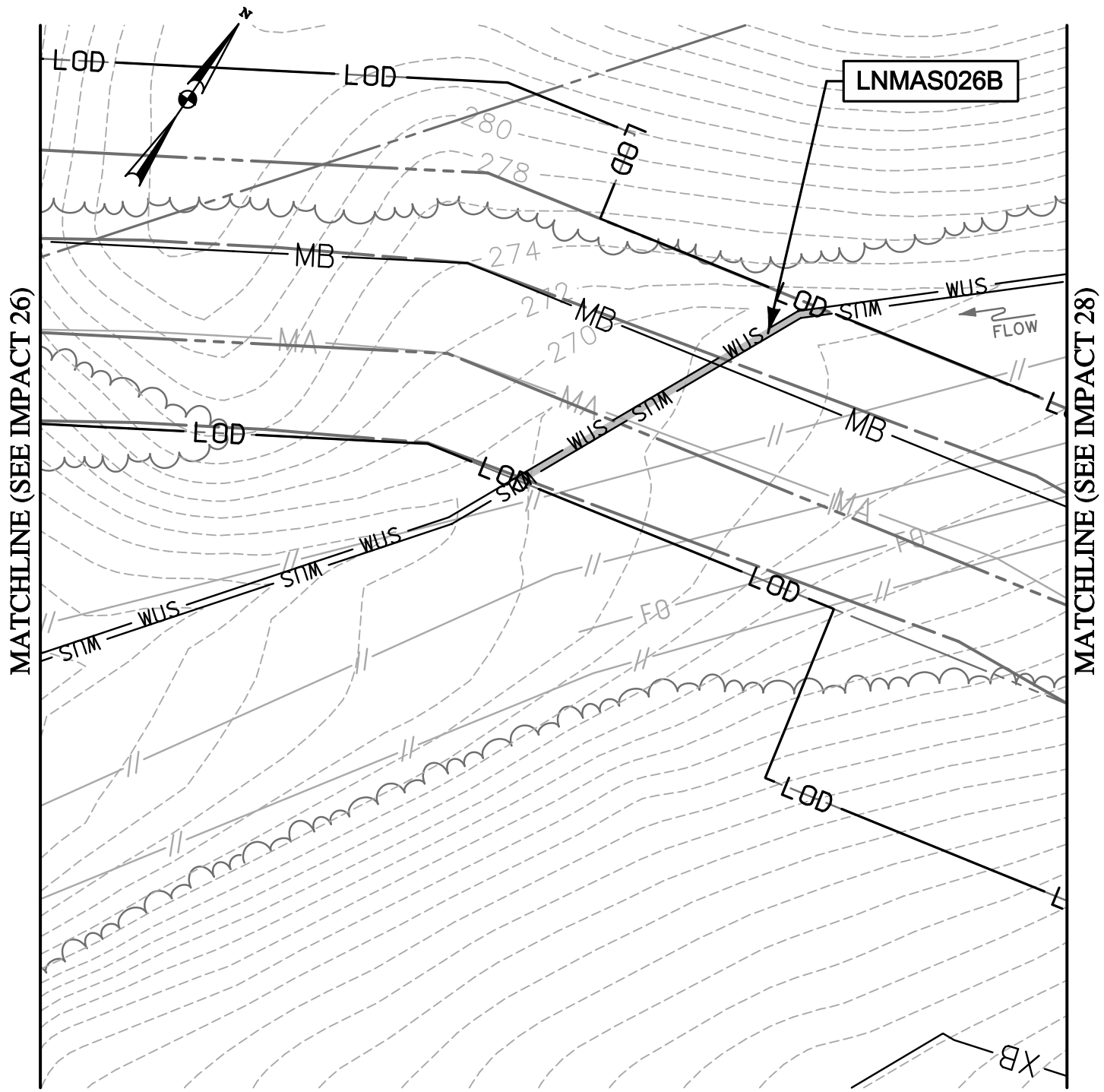
DATE: REVISED MAY 2015
SCALE: 1" = 40'
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LINE MB EXTENSION PROJECT
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IMPACT 26

LNMAS027B

PLOTTED: "12:42 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATE.SET\47-Plate-LINE_MB-impact27.dgn



TEMPORARY WATERS
 OF U.S. IMPACT
 197 SF./ 0.005 AC./ 97 LF.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 47 OF 90



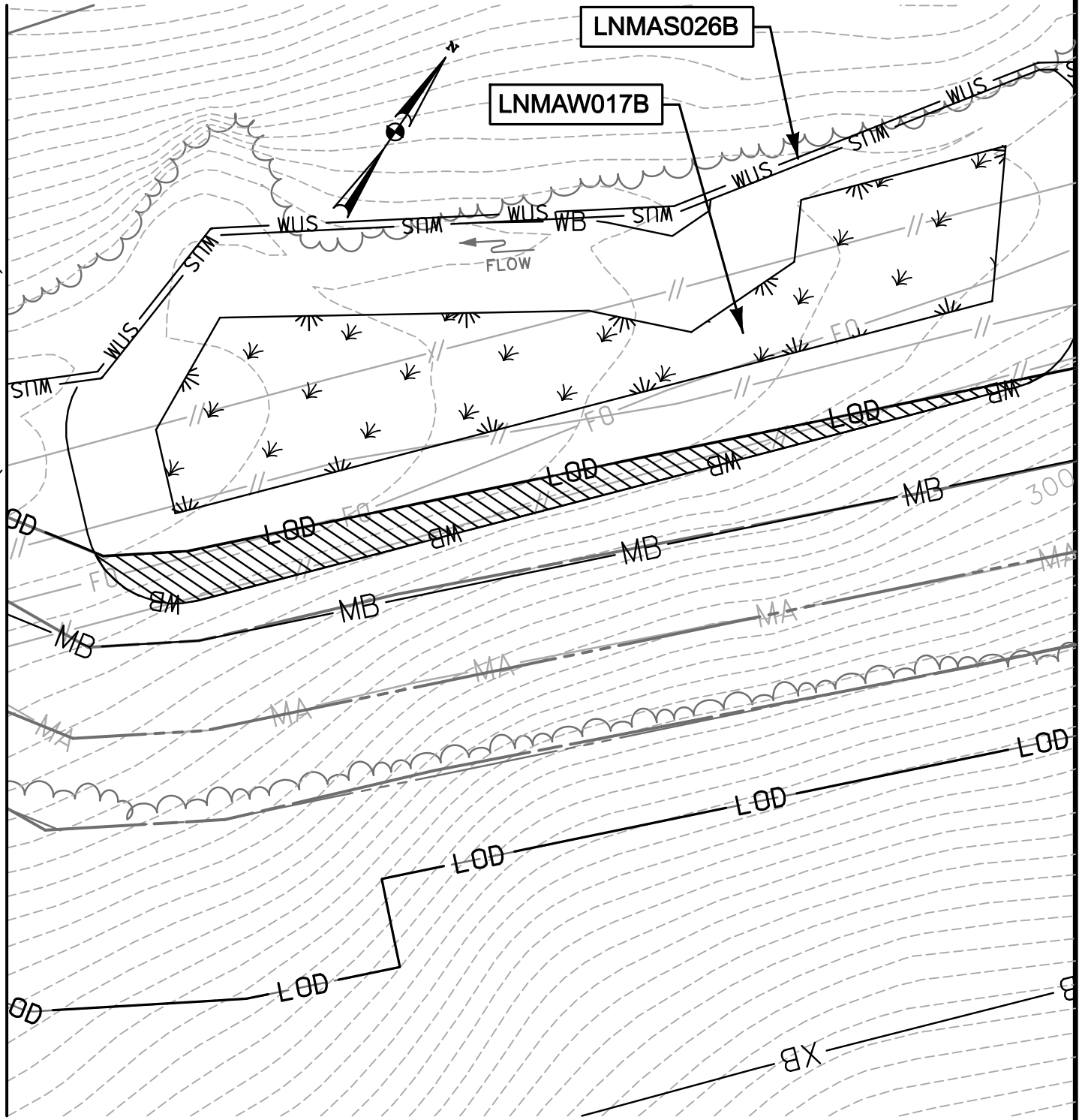
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 CHARLESTON, WV 25314
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IMPACT 27
 LNMAS026B

PLOTTED: "12:42 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849-drawings\IMPACT_PLATE.SET\48-Plate-LINE_MB-impact28.dgn

MATCHLINE (SEE IMPACT 27)



TEMPORARY 25' NON-TIDAL
 WETLAND BUFFER IMPACT
 2,188 SF./ 0.05 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 48 OF 90



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SCALE:
 1" = 40'

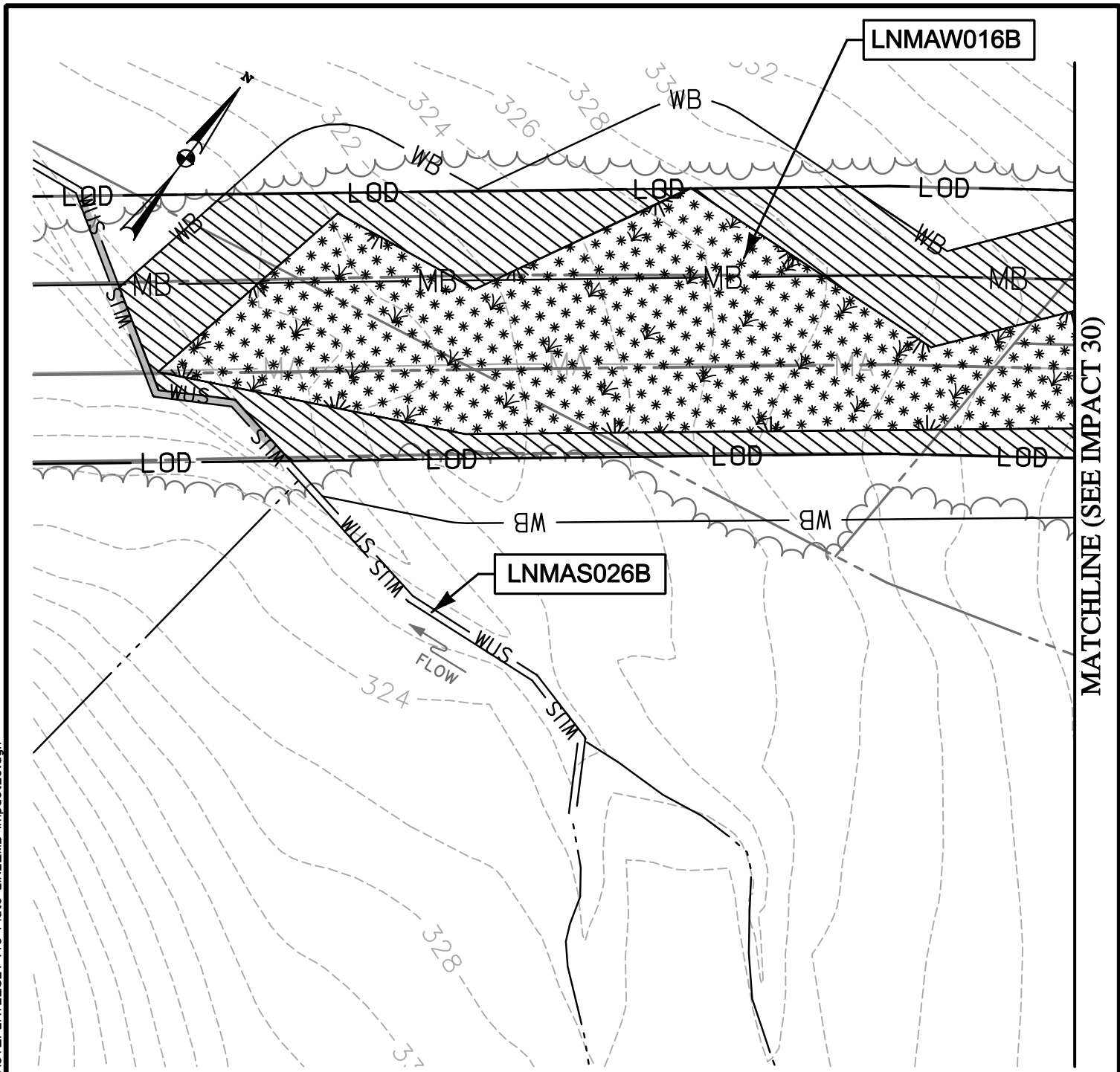
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IMPACT 28

LNMAS026B; LNMAW017B

PLOTTED: "1:242 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATESET\49-Plate-LINE_MB-impact29.dgn



 TEMPORARY WATERS OF U.S. IMPACT
 203 SF./ 0.005 AC./ 103 LF.

 TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
 7,355 SF./ 0.17 AC.

 TEMPORARY NON-TIDAL PEM WETLAND IMPACT
 10,718 SF./ 0.25 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 49 OF 90



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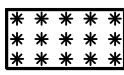
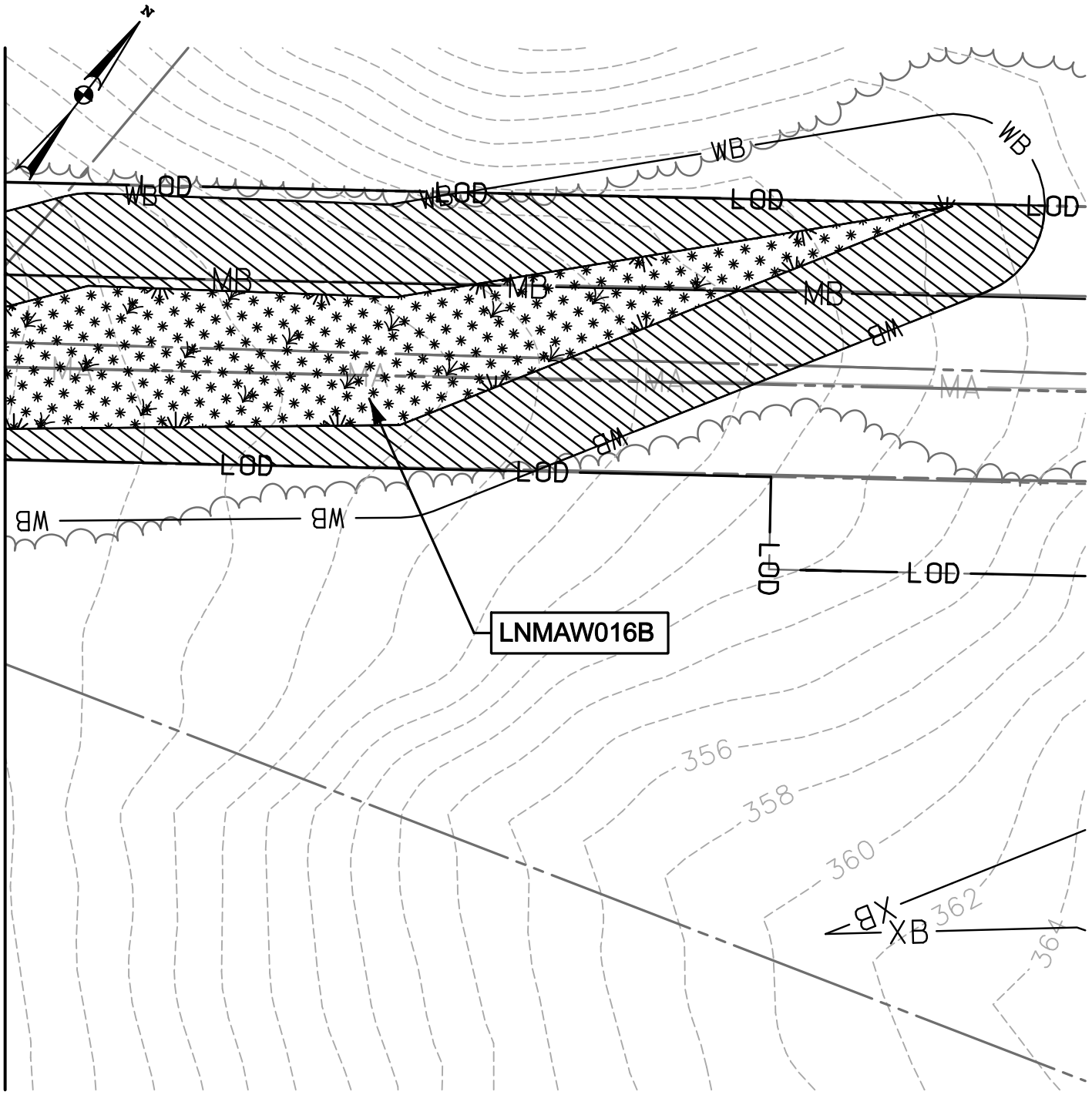
LINE MB EXTENSION PROJECT
 COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 29

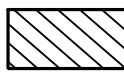
LNMA026B; LNMAW016B

PLOTTED: "12:42 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATE.SET\50-Plate-LINE_MB-impact30.dgn

MATCHLINE (SEE IMPACT 29)



TEMPORARY NON-TIDAL
 PEM WETLAND IMPACT
 6,477 SF./ 0.15 AC.



TEMPORARY 25' NON-TIDAL
 WETLAND BUFFER IMPACT
 10,163 SF./ 0.23 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 50 OF 90



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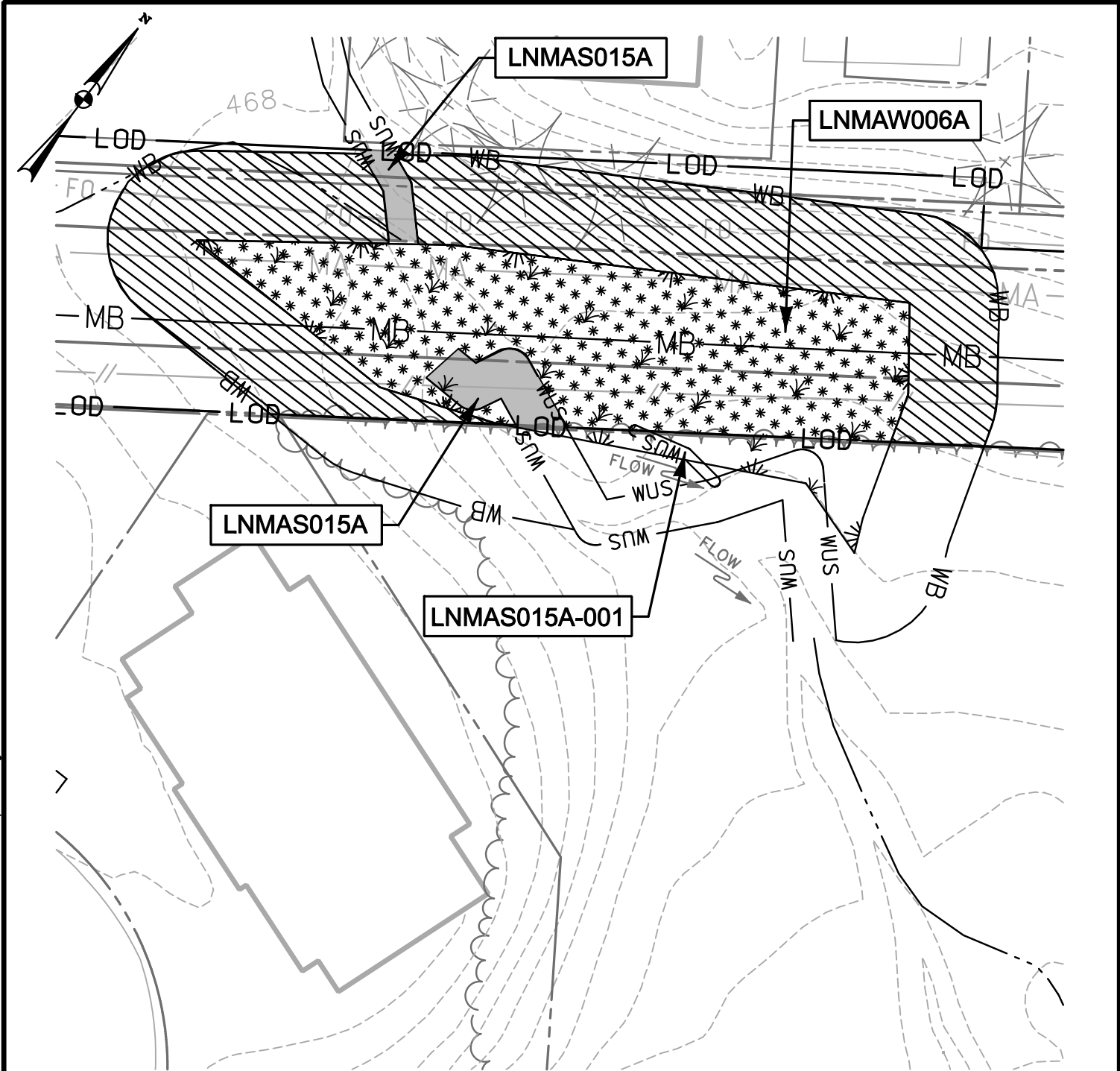
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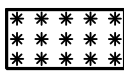
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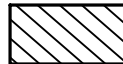
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IMPACT 30
 LNMAW016B



 TEMPORARY WATERS OF U.S. IMPACT
 793 SF./ 0.02 AC./ 41 LF.

 TEMPORARY NON-TIDAL PEM WETLAND IMPACT
 6,940 SF./ 0.16 AC.

 TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
 8,748 SF./ 0.20 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 51 OF 90

PLOTTED: 11:42 PM on Wednesday, May 27, 2015
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849.dwg\Drawings\IMPACT_PLATES\HDD\IMPACT_PLATE_SET\51-Plate-LINE_MB-impact31.dgn



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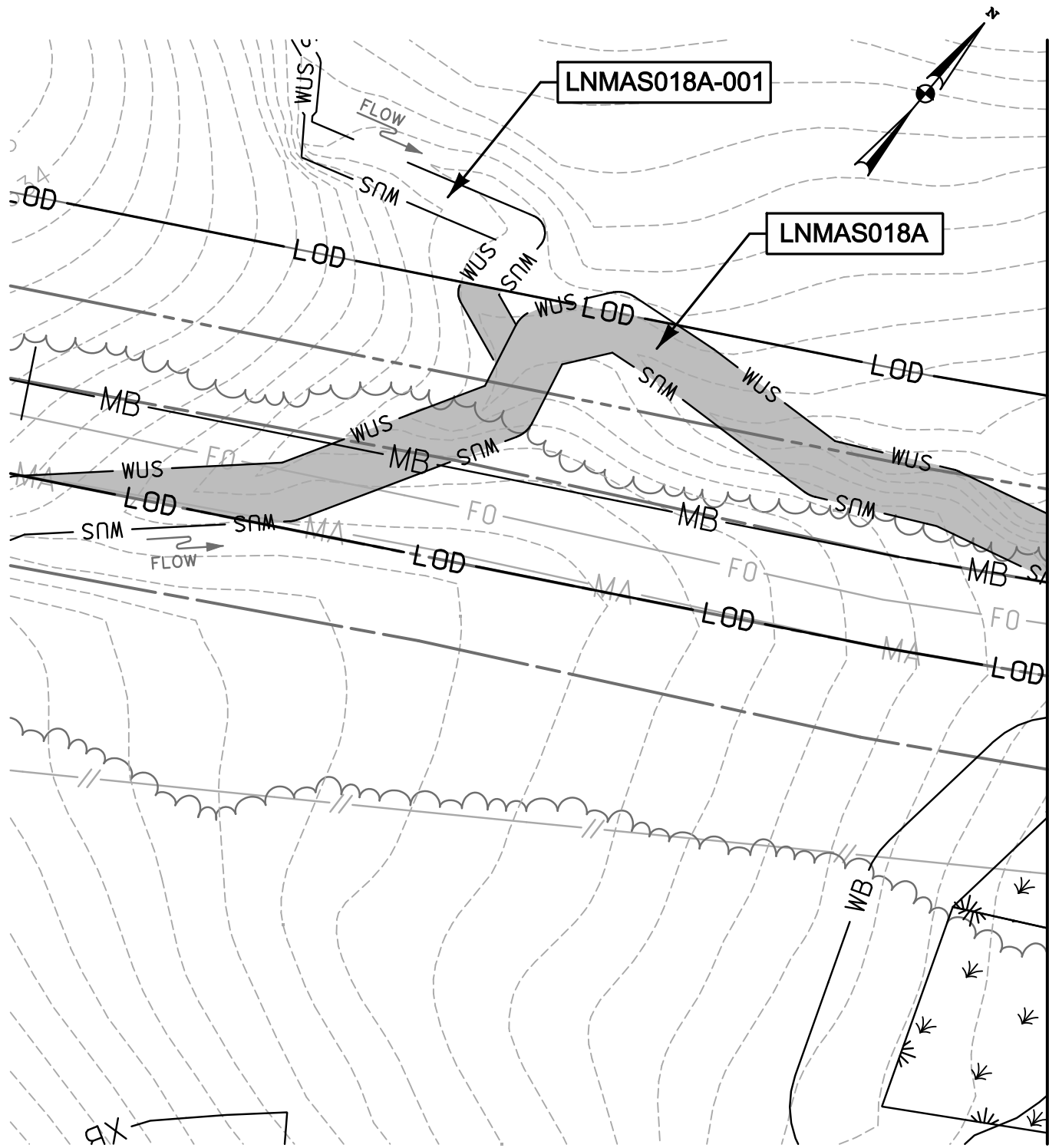
DATE: REVISED
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SCALE:
 1" = 40'

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COLUMBIA GAS TRANSMISSION, LLC
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IMPACT 31
 LNMA015A; LNMAW006A; LNMA015A-001

PLOTTED: "12:42 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATES\HDD_IMPACT_PLATE.SET\52-Plate-LINE_MB-impact32_OPEN.CUT.dgn




 TEMPORARY WATERS
 OF U.S. IMPACT
 4,374 SF. / 0.10 AC. / 285 LF.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 52 OF 90

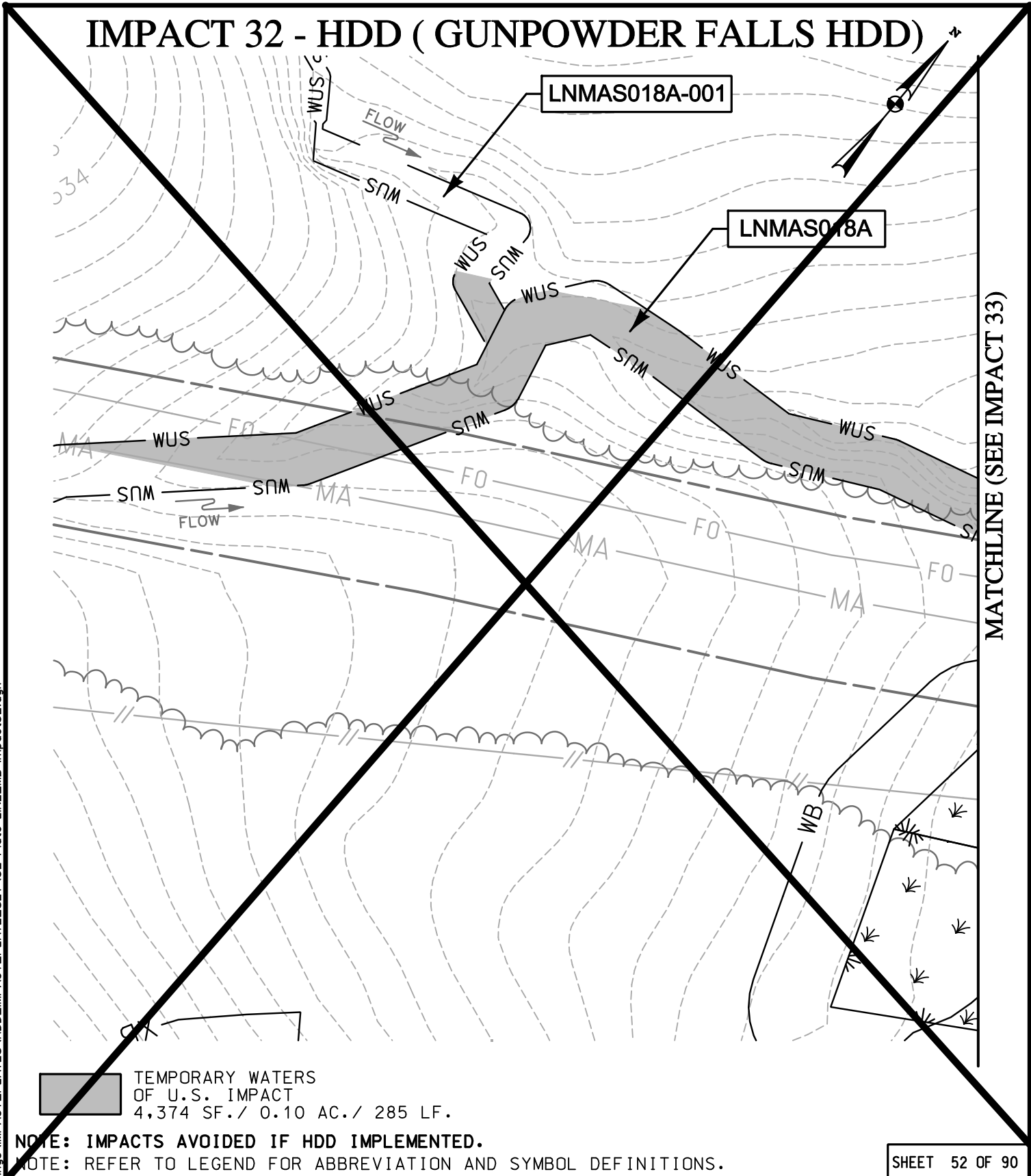


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IMPACT 32
 LNMAS018A-001; LNMAS018A

IMPACT 32 - HDD (GUNPOWDER FALLS HDD)



TEMPORARY WATERS
 OF U.S. IMPACT
 4,374 SF. / 0.10 AC. / 285 LF.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 52 OF 90

PLOTTED: "12:42 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
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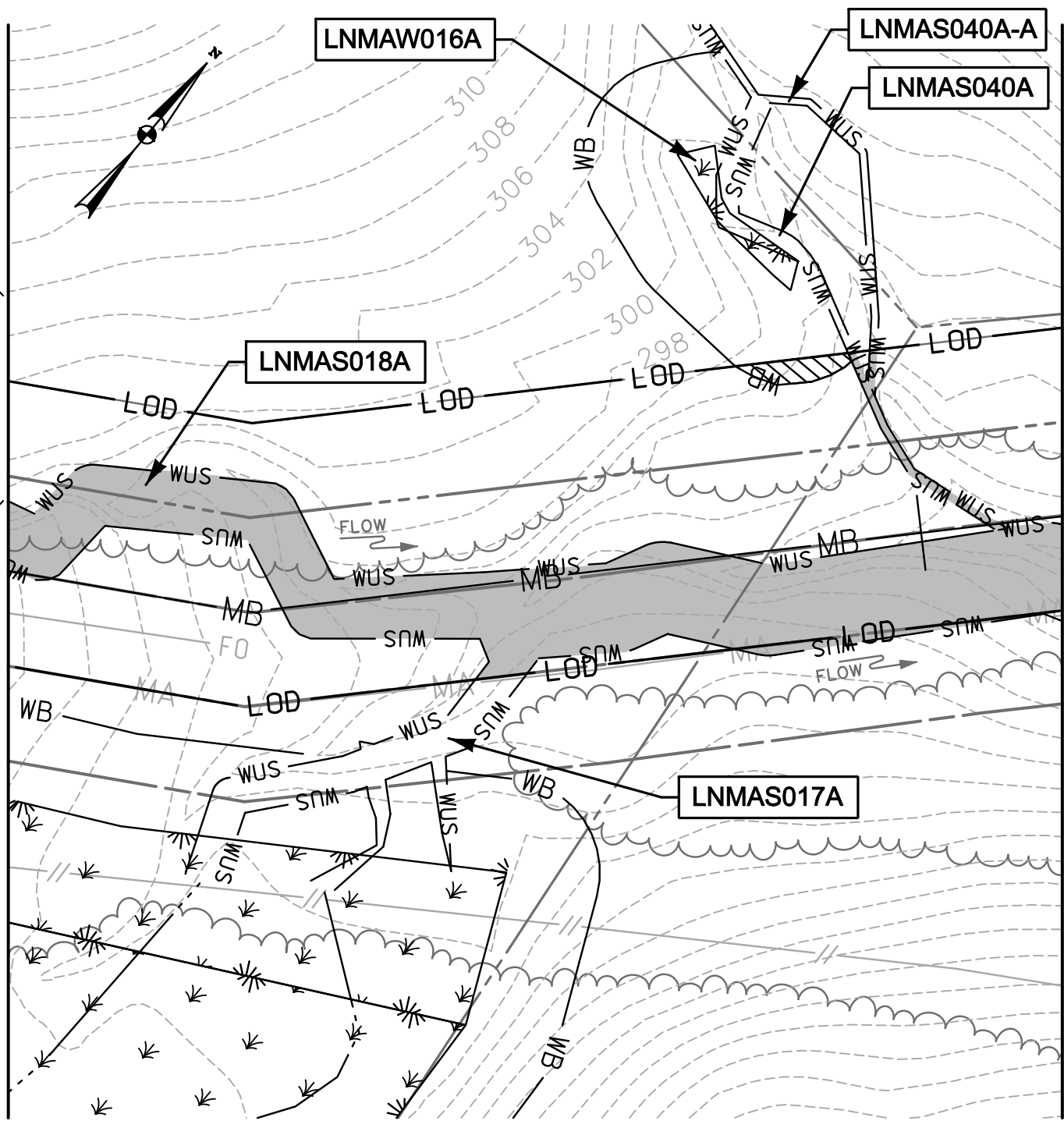
IMPACT 32 - HDD


LNMAS018A-001; LNMAS018A


PLOTTED: "12:42 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATE.SET\53-Plate-Line_MB-impact33_OPEN.CUT.dgn

MATCHLINE (SEE IMPACT 32)

MATCHLINE (SEE IMPACT 34)



 TEMPORARY WATERS OF U.S. IMPACT
 6,394 SF./ 0.15 AC./ 379 LF.

 TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
 148 SF./ 0.003 AC.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 53 OF 90



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SCALE:
 1" = 40'

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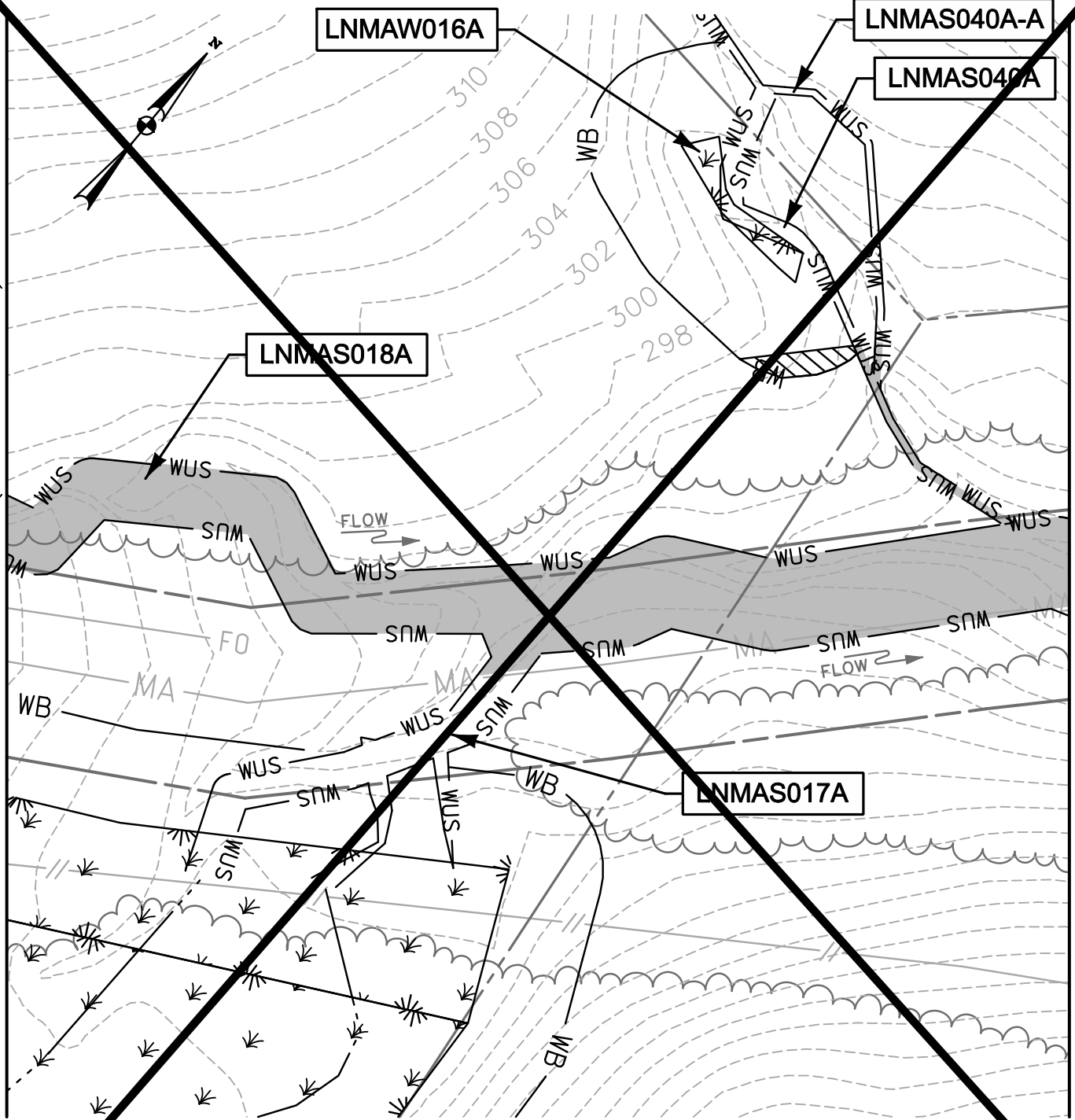
IMPACT 33


LNMAW016A; LNMAW017A; LNMAW018A; LNMAW040A; LNMAW040A-A

IMPACT 33 - HDD (GUNPOWDER FALLS HDD)

MATCHLINE (SEE IMPACT 32)

MATCHLINE (SEE IMPACT 34)



 TEMPORARY WATERS OF U.S. IMPACT
6,394 SF./ 0.15 AC./ 379 LF.

 TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
148 SF./ 0.003 AC.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 53 OF 90

PLOTTED: "12:42 PM on Wednesday, May 27, 2015"
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SCALE:
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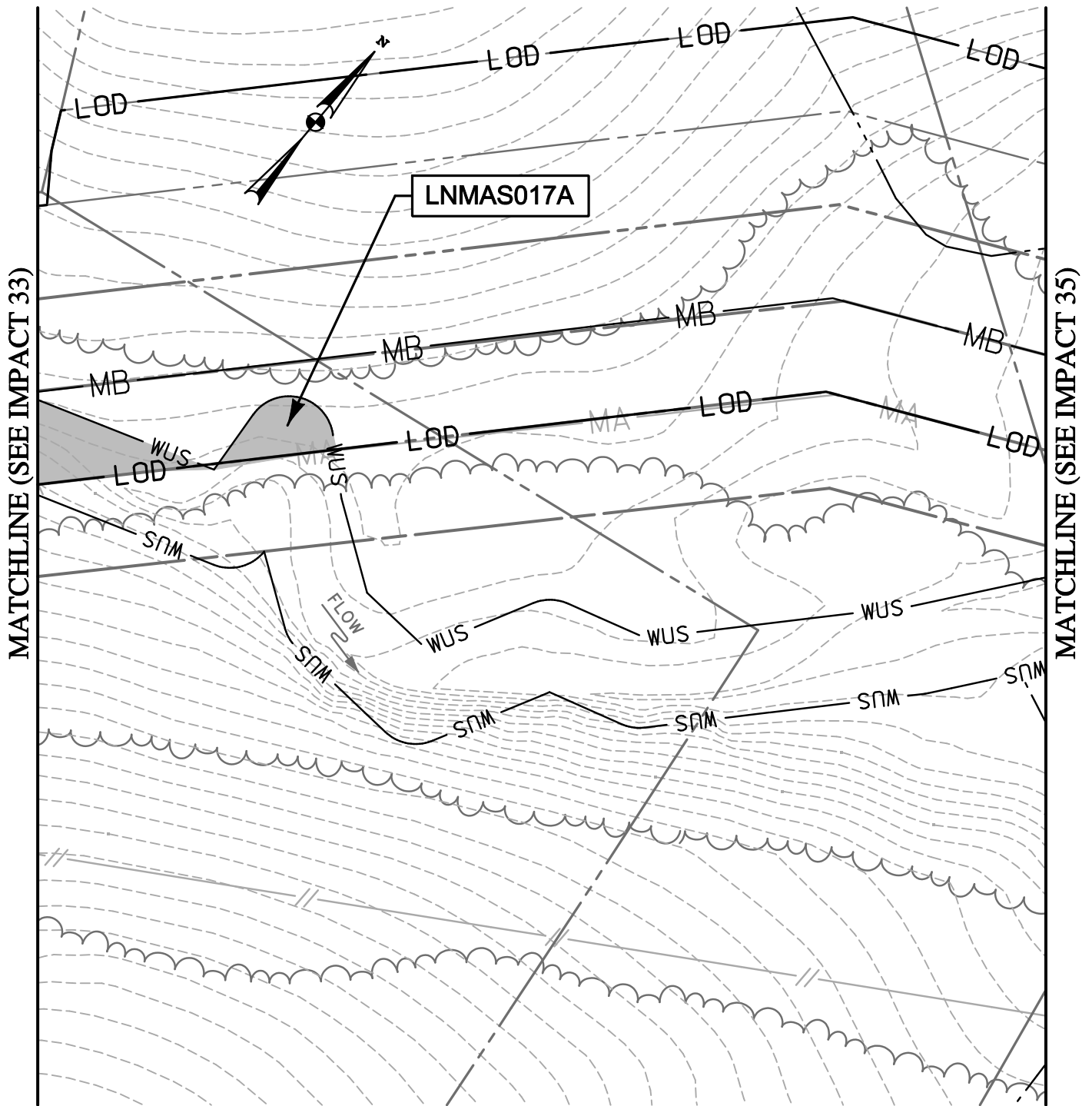
LINE MB EXTENSION PROJECT
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 CHARLESTON, WV 25314


MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 33 - HDD

LNMAW016A; LNMAW017A; LNMAW018A; LNMAW040A; LNMAW040A-A

PLOTTED: "12:42 PM on Wednesday, May 27, 2015"
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 TEMPORARY WATERS
 OF U.S. IMPACT
 870 SF./ 0.02 AC./ 66 LF.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 54 OF 90



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SCALE:
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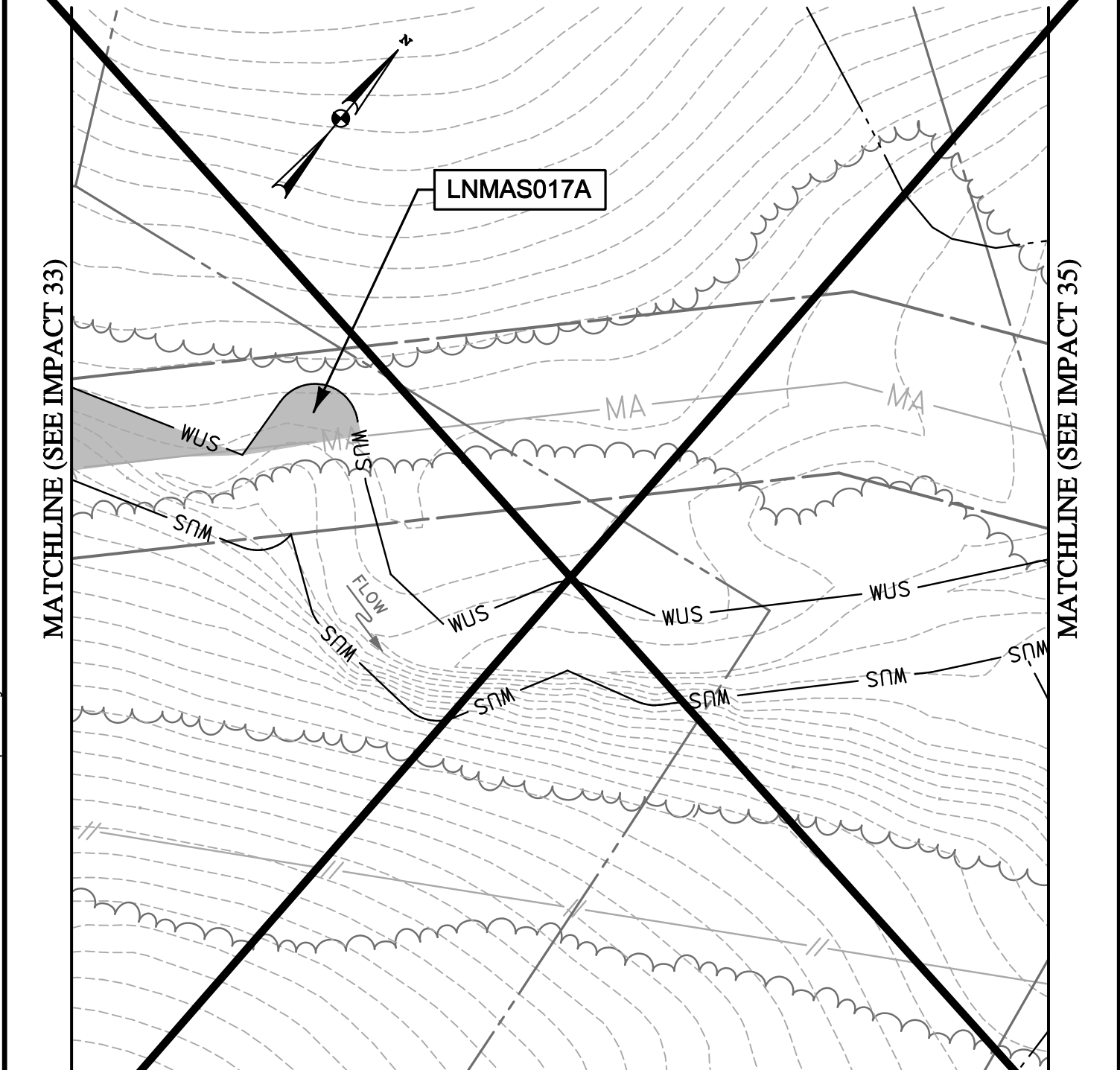
LINE MB EXTENSION PROJECT
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MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 34

LNMAS017A

IMPACT 34 - HDD (GUNPOWDER FALLS HDD)




 TEMPORARY WATERS
 OF U.S. IMPACT
 870 SF./ 0.02 AC./ 66 LF.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 54 OF 90

PLOTTED: 11:24:42 PM on Wednesday, May 27, 2015
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATES\HDD_IMPACT_PLATE.SET\54--Plate-LINE_MB-impact34.dgn



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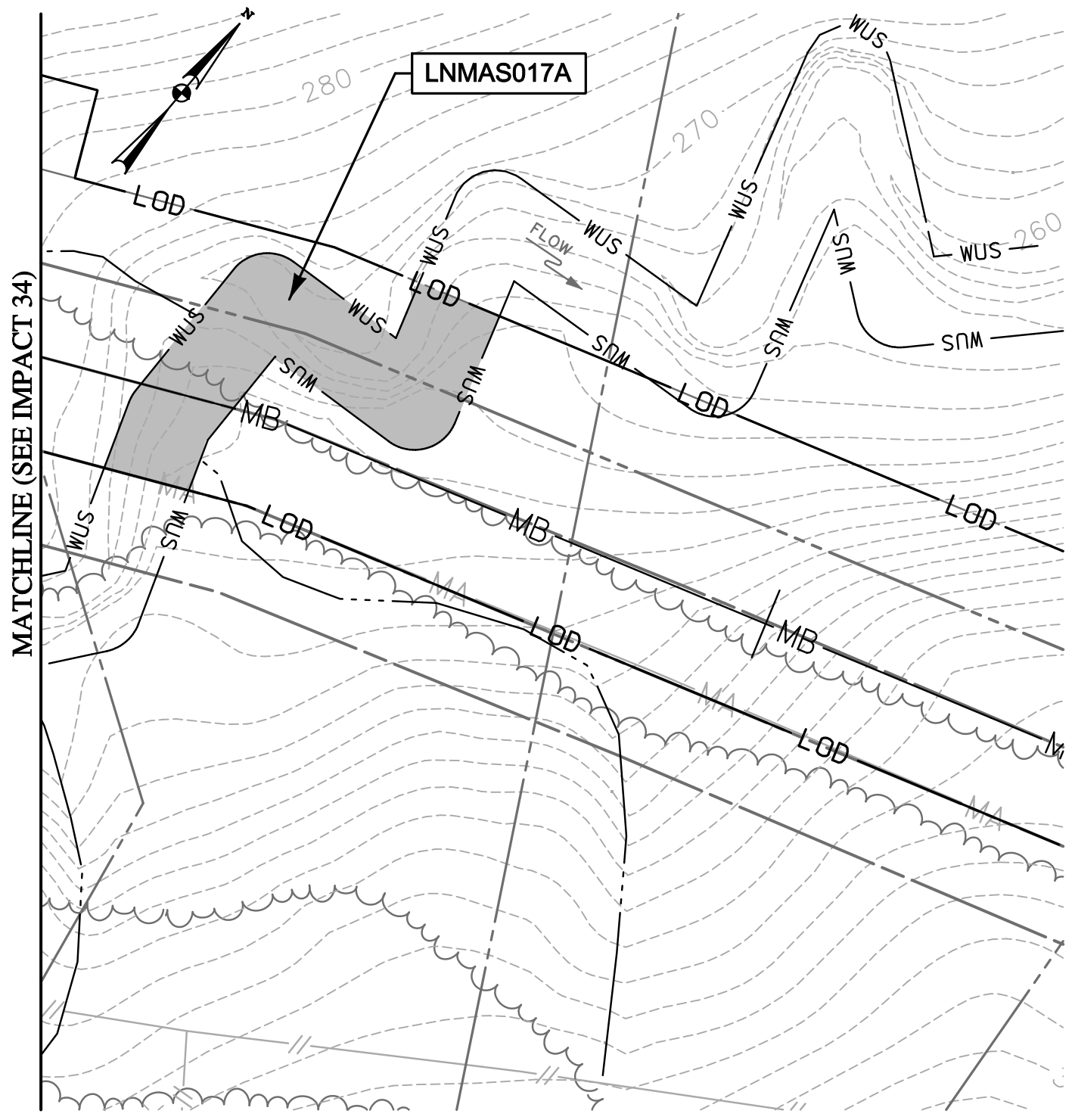
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IMPACT 34 - HDD

LNMAS017A

PLOTTED: "12:42 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATE.SET\55-Plate-LINE_MB-impact35_OPEN.CUT.dgn



MATCHLINE (SEE IMPACT 34)

TEMPORARY WATERS
 OF U.S. IMPACT
 3,934 SF. / 0.08 AC. / 138 LF.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.
 NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

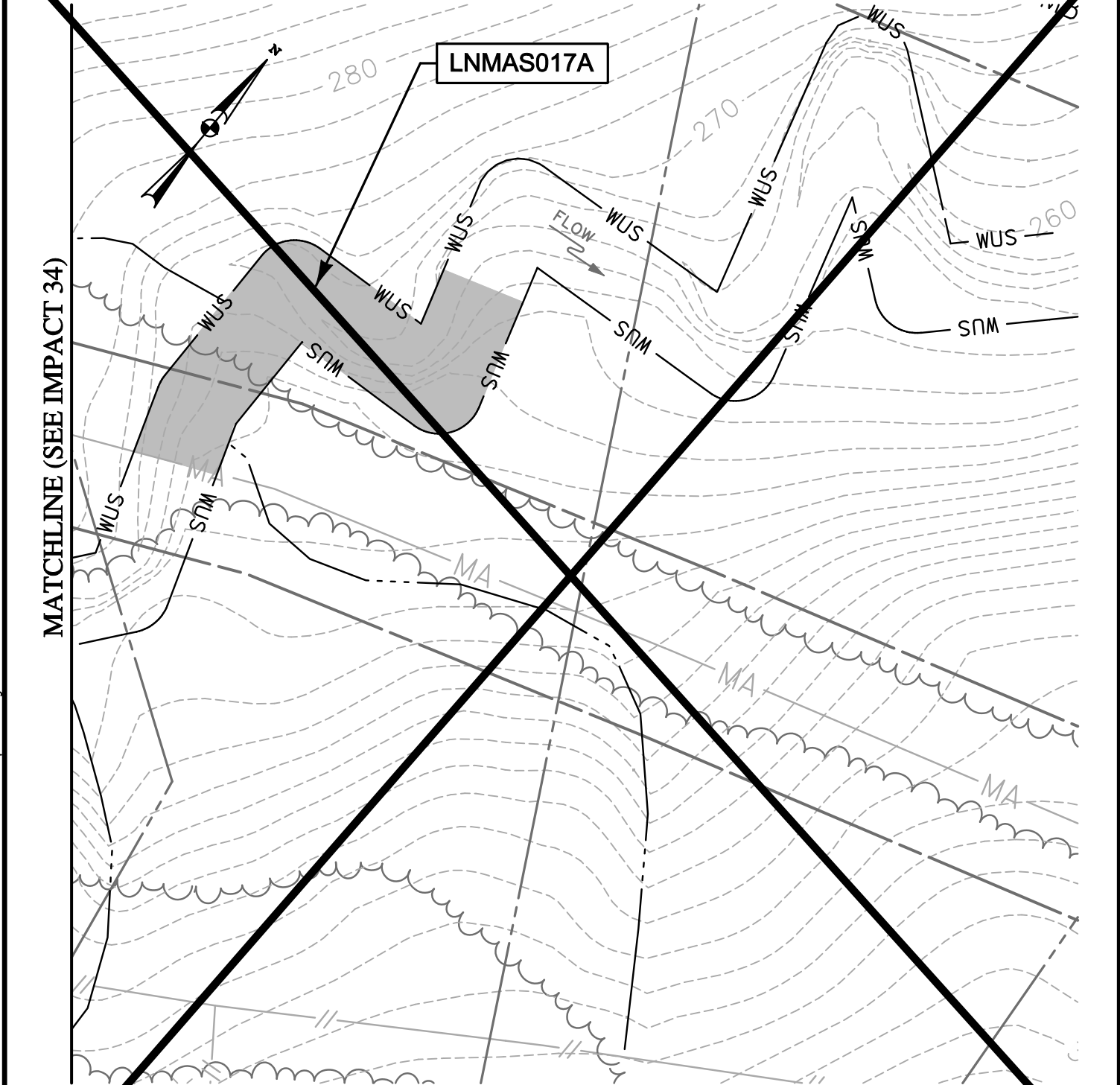
SHEET 55 OF 90


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LINE MB EXTENSION PROJECT COLUMBIA GAS TRANSMISSION, LLC 1700 MacCORKLE AVE, SE CHARLESTON, WV 25314 MDE PERMIT #12-NT-0433/ TRACKING #201261660 <h1 style="text-align: center;">IMPACT 35</h1> LNMAS017A

IMPACT 35 - HDD (GUNPOWDER FALLS HDD)




 TEMPORARY WATERS
 OF U.S. IMPACT
 3,934 SF./ 0.08 AC./ 138 LF.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 55 OF 90

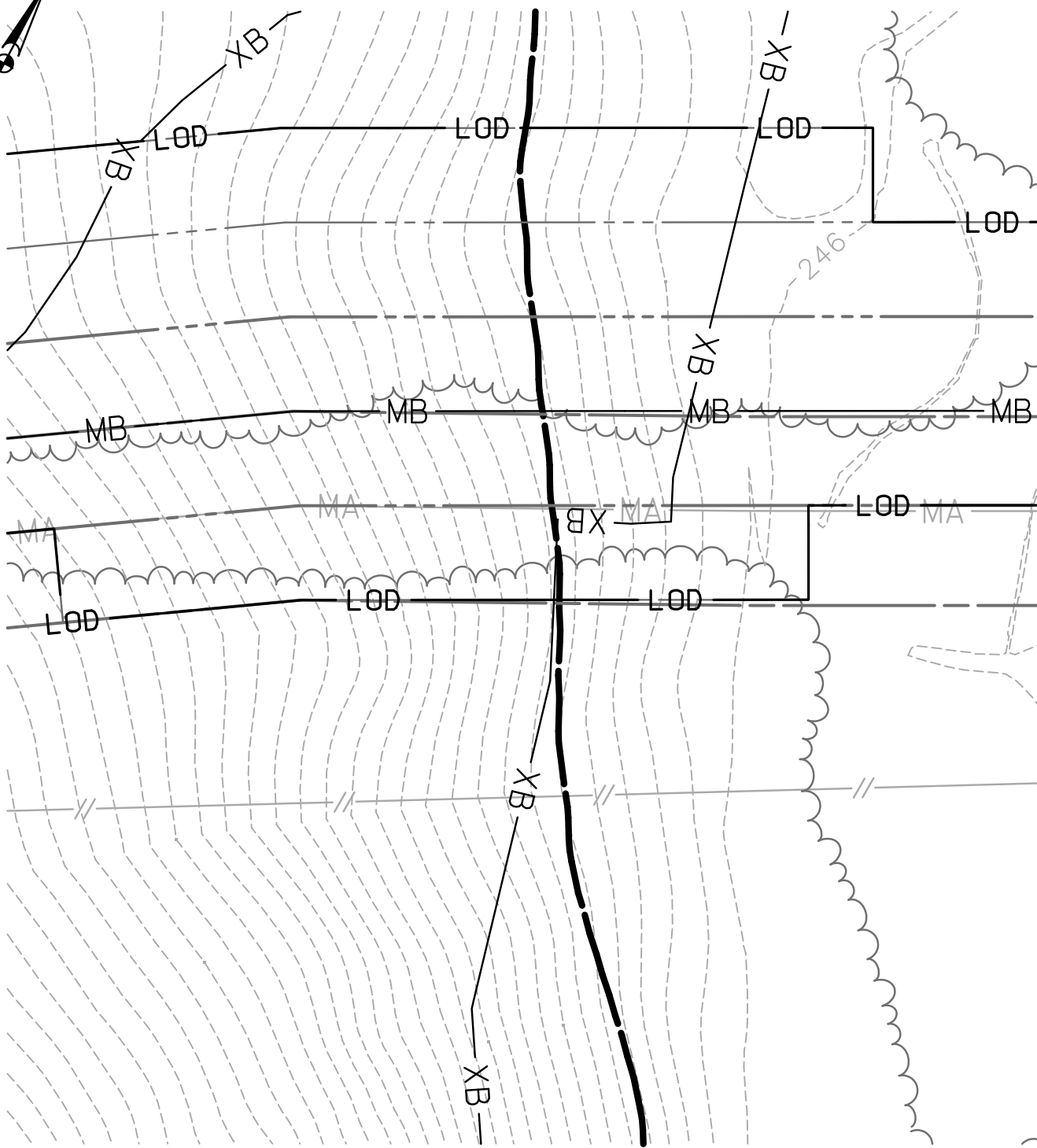
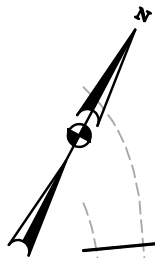
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 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATES\HDD_IMPACT_PLATE_SET\55-Plate-LINE_MB-impact35.dgn



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IMPACT 35 - HDD
 LNMAS017A



MATCHLINE (SEE IMPACT 36)

NOTE: FLOODPLAIN IMPACTS ONLY THIS SHEET.

FLOODPLAIN IMPACT THIS SHEET: 13,990 SF. / 0.32 AC.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 55A OF 90

PLOTTED: "12:42 PM on Wednesday, May 27, 2015"
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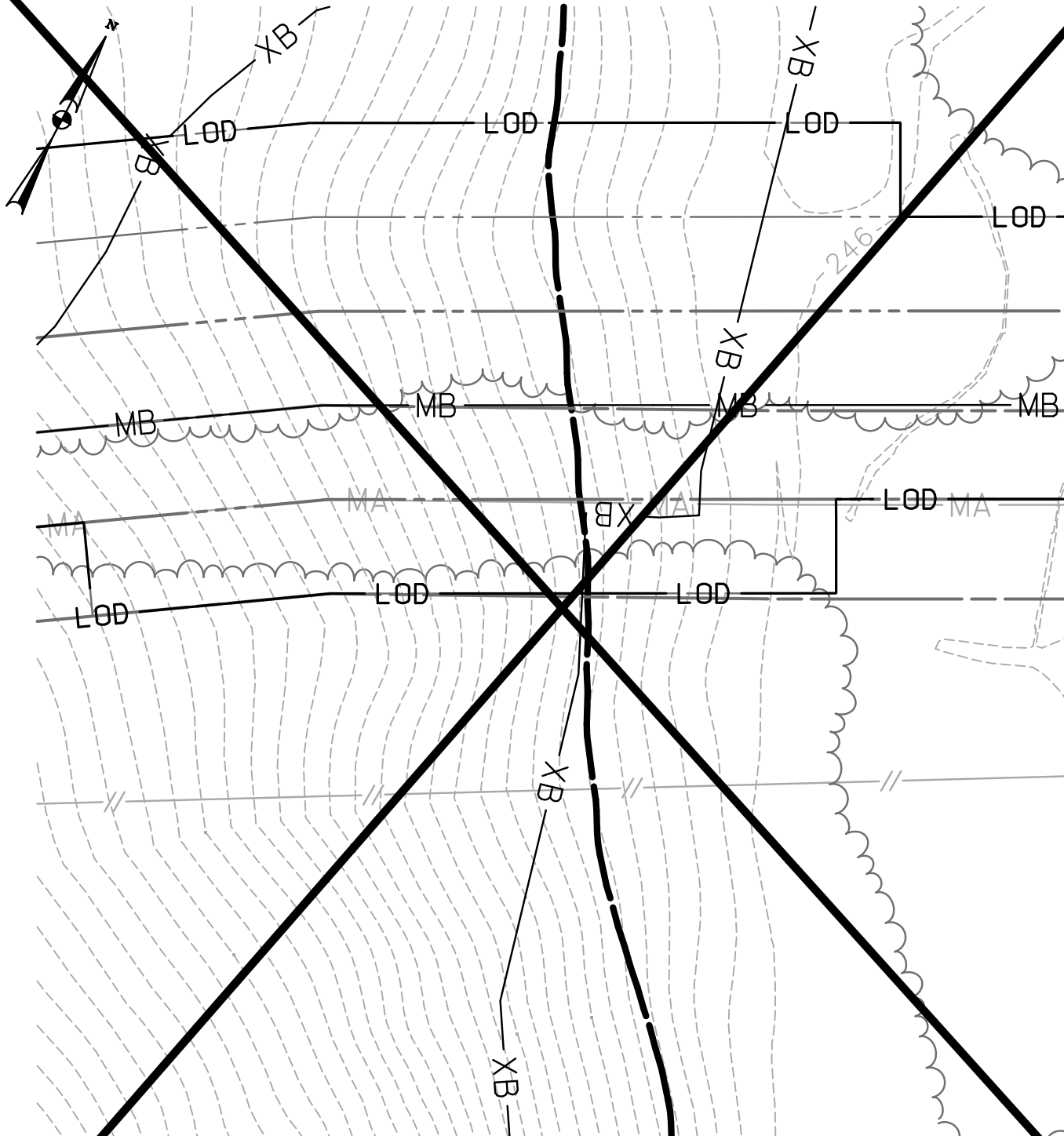
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IMPACT 35A

IMPACT 35A - HDD (GUNPOWDER FALLS HDD)



MATCHLINE (SEE IMPACT 36)

NOTE: FLOODPLAIN IMPACTS ONLY THIS SHEET.
 FLOODPLAIN IMPACT THIS SHEET: 13,990 SF. / 0.32 AC.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.
 NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 55A OF 90

PLOTTED: "12:42 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATES\HDD_IMPACT_PLATE_SET\56-Plate-LINE_MB-impact35A.dgn



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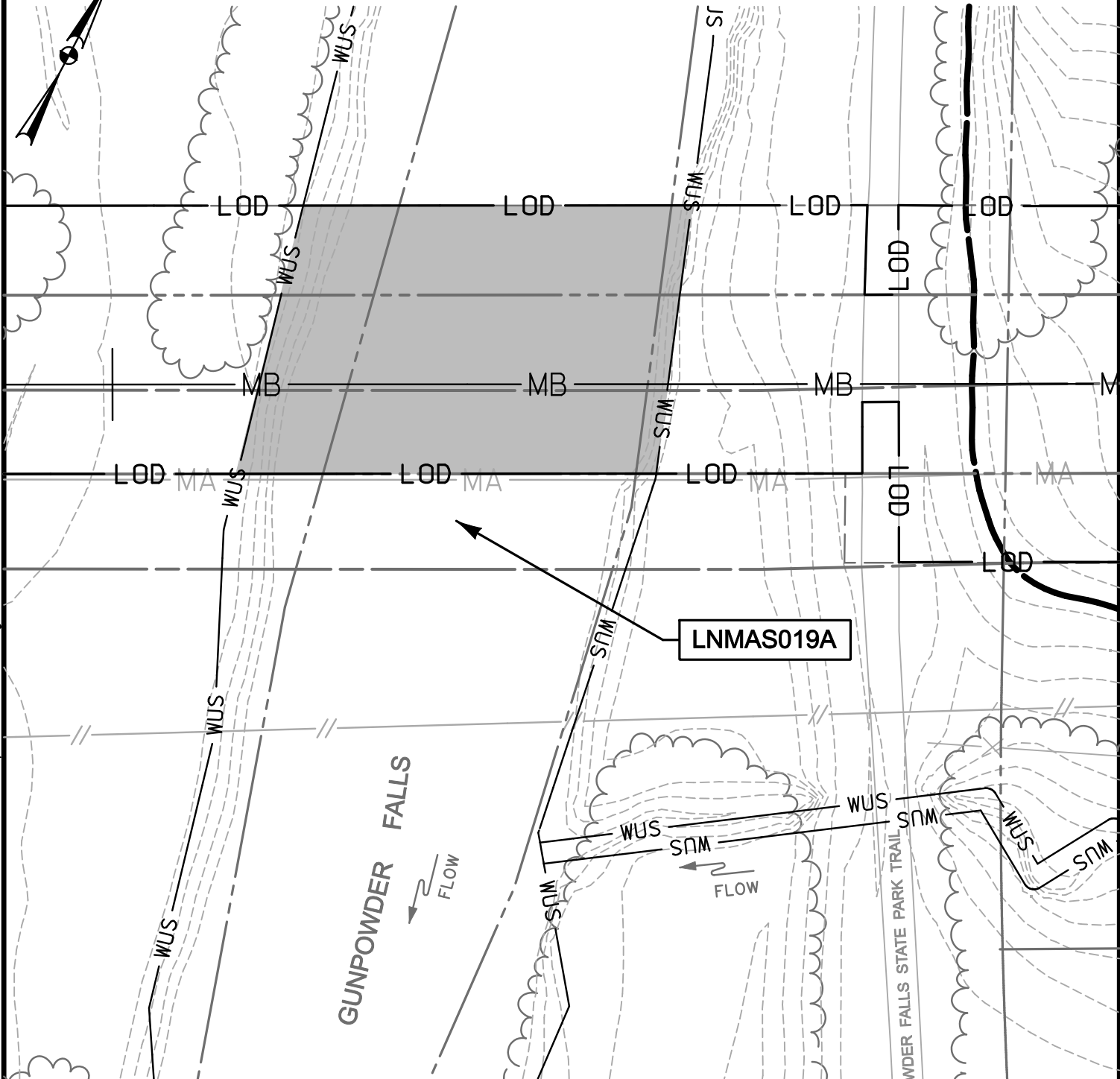
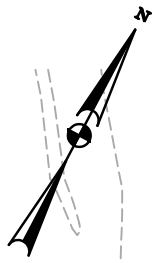
DATE: REVISED
 MAY 2015


SCALE:
 1" = 40'

DRAWN BY:
 CSD

LINE MB EXTENSION PROJECT
 COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 35A - HDD




 TEMPORARY WATERS OF U.S. IMPACT
 8,467 SF. / 0.19 AC. / 76 LF.

FLOODPLAIN IMPACT THIS SHEET:
 20,490 SF. / 0.47 AC.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 56 OF 90

PLOTTED: "12:42 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATES\HDD_IMPACT_PLATE_SET\56-Plate-LINE_MB-impact36_OPEN.CUT.dgn



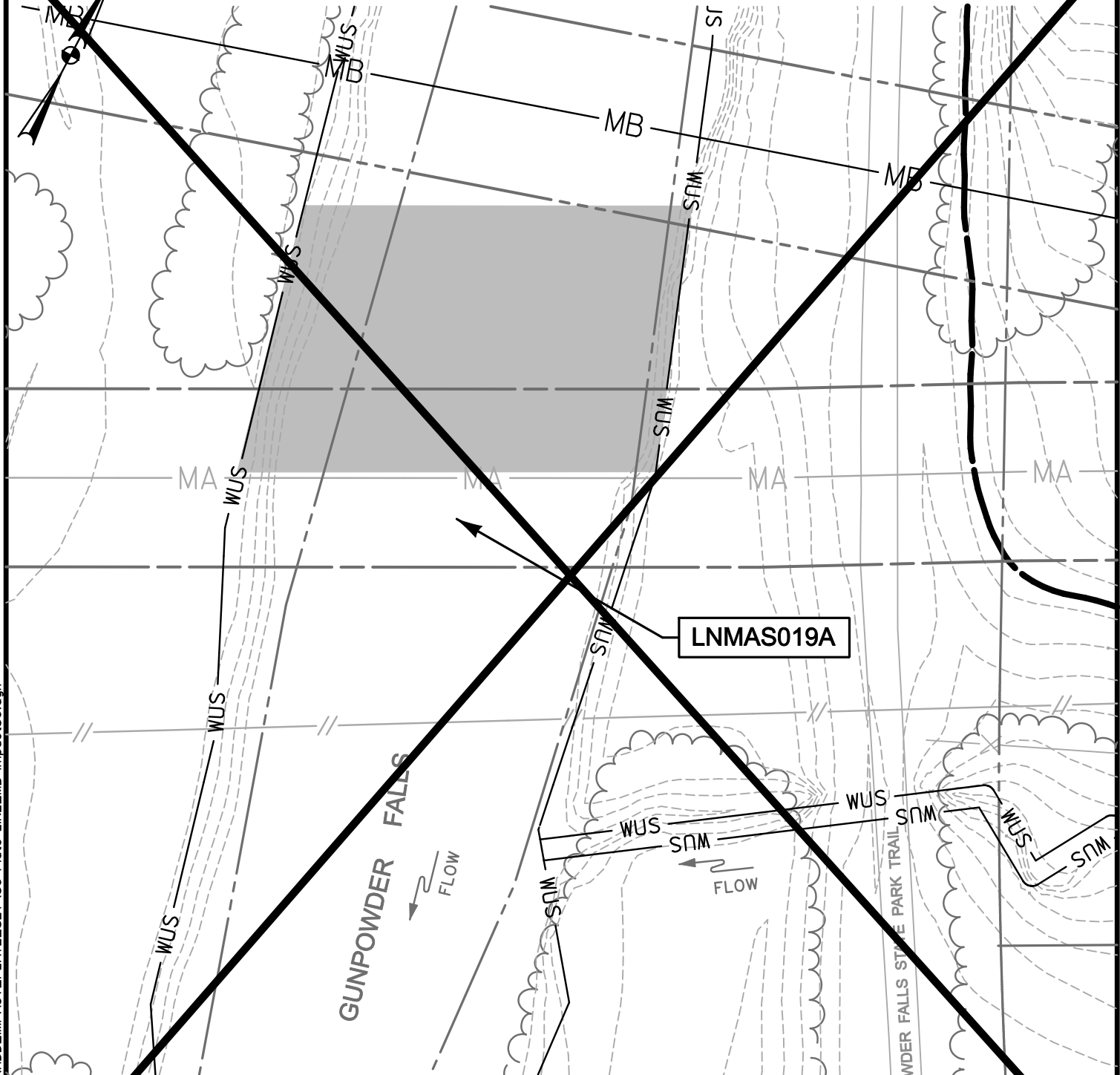
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IMPACT 36
 LNMAS019A

IMPACT 36 - HDD (GUNPOWDER FALLS HDD)



TEMPORARY WATERS OF U.S. IMPACT
 8,467 SF. / 0.19 AC. / 76 LF.

FLOODPLAIN IMPACT THIS SHEET:
 20,490 SF. / 0.47 AC.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

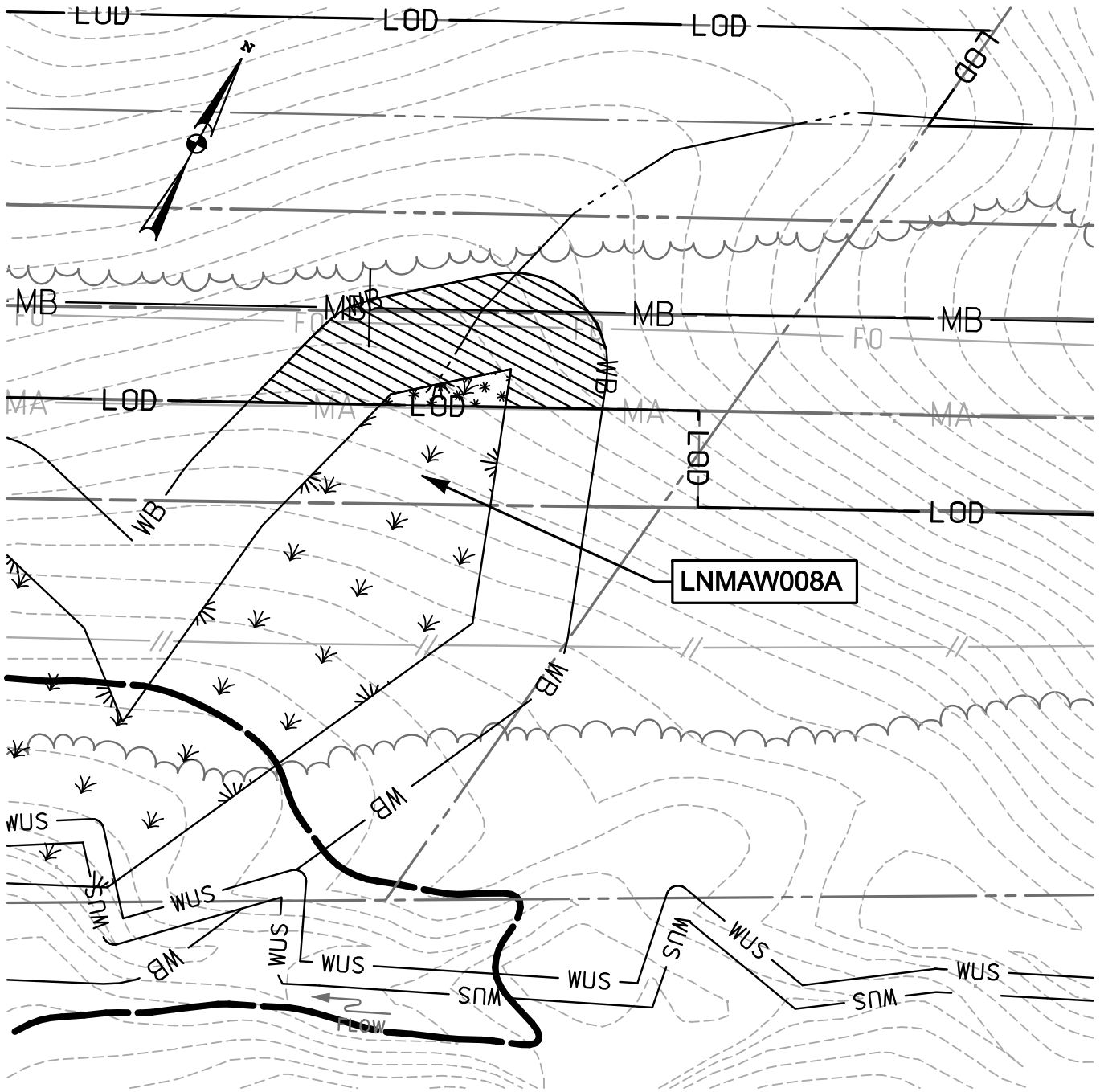
SHEET 56 OF 90

PLOTTED: "12:42 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849-drawings\IMPACT_PLATES\HDD_IMPACT_PLATE_SET_56-Plate-LINE_MB-impact36.dgn

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SCALE: 1" = 40'
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LINE MB EXTENSION PROJECT COLUMBIA GAS TRANSMISSION, LLC 1700 MacCORKLE AVE, SE CHARLESTON, WV 25314 MDE PERMIT #12-NT-0433/ TRACKING #201261660 <h2 style="margin: 0;">IMPACT 36 - HDD</h2> LNMAS019A
--



LNMAW008A

TEMPORARY NON-TIDAL
 PEM WETLAND IMPACT
 193 SF./ 0.004 AC.

TEMPORARY 25' NON-TIDAL
 WETLAND BUFFER IMPACT
 2,177 SF./ 0.05 AC.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 57 OF 90

PLOTTED: '12:42 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
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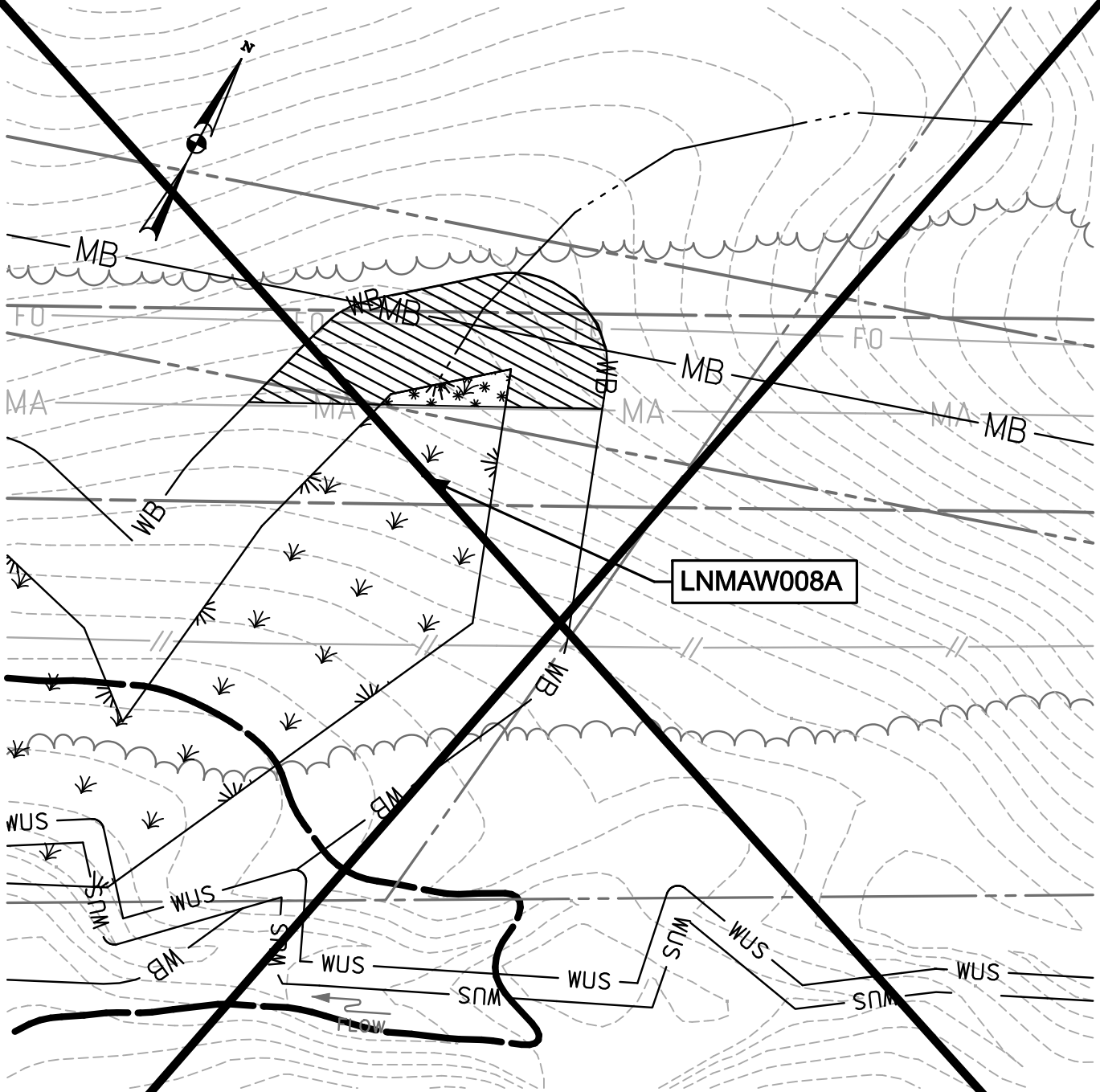
LINE MB EXTENSION PROJECT
 COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314

MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 37

LNMAW008A

IMPACT 37 - HDD (GUNPOWDER FALLS HDD)




 TEMPORARY NON-TIDAL
 PEM WETLAND IMPACT
 193 SF./ 0.004 AC.


 TEMPORARY 25' NON-TIDAL
 WETLAND BUFFER IMPACT
 2,177 SF./ 0.05 AC.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 57 OF 90

PLOTTED: '12:42 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
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SCALE:
1" = 40'

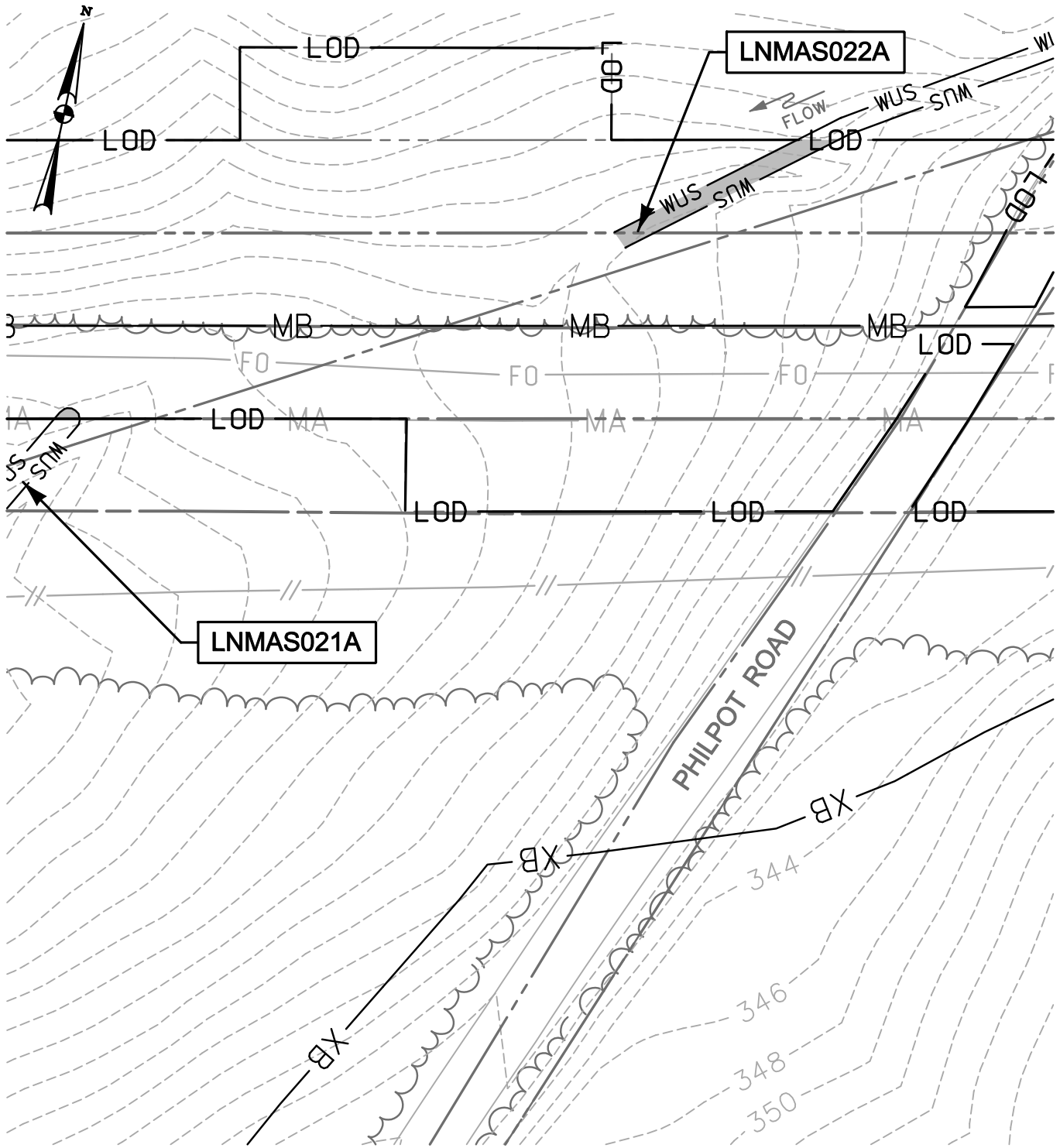
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 COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314

MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 37 - HDD

LNMAW008A



TEMPORARY WATERS
 OF U.S. IMPACT
 322 SF./ 0.007 AC./ 60 LF.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 58 OF 90

PLOTTED: 11:24:42 PM on Wednesday, May 27, 2015
 BY: Christopher Deibel Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATES\HDD_IMPACT_PLATE_SET_58-Plate-LINE_MB-impact38_OPEN.CUT.dgn



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SCALE:
 1" = 40'

DRAWN BY:
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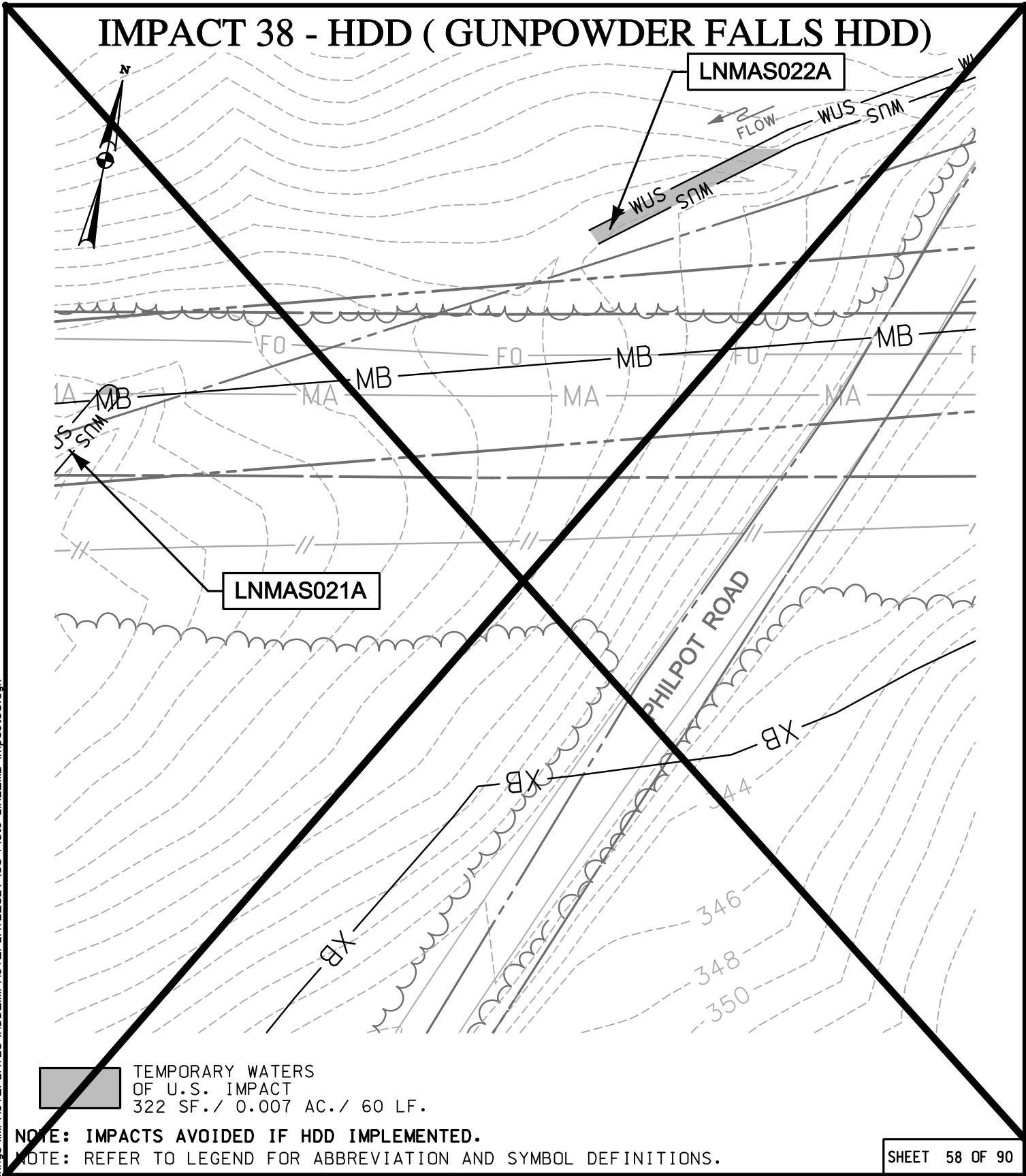
LINE MB EXTENSION PROJECT
 COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314

MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 38

LNMAS021A; LNMAS022A

IMPACT 38 - HDD (GUNPOWDER FALLS HDD)



TEMPORARY WATERS
 OF U.S. IMPACT
 322 SF. / 0.007 AC. / 60 LF.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 58 OF 90

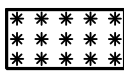
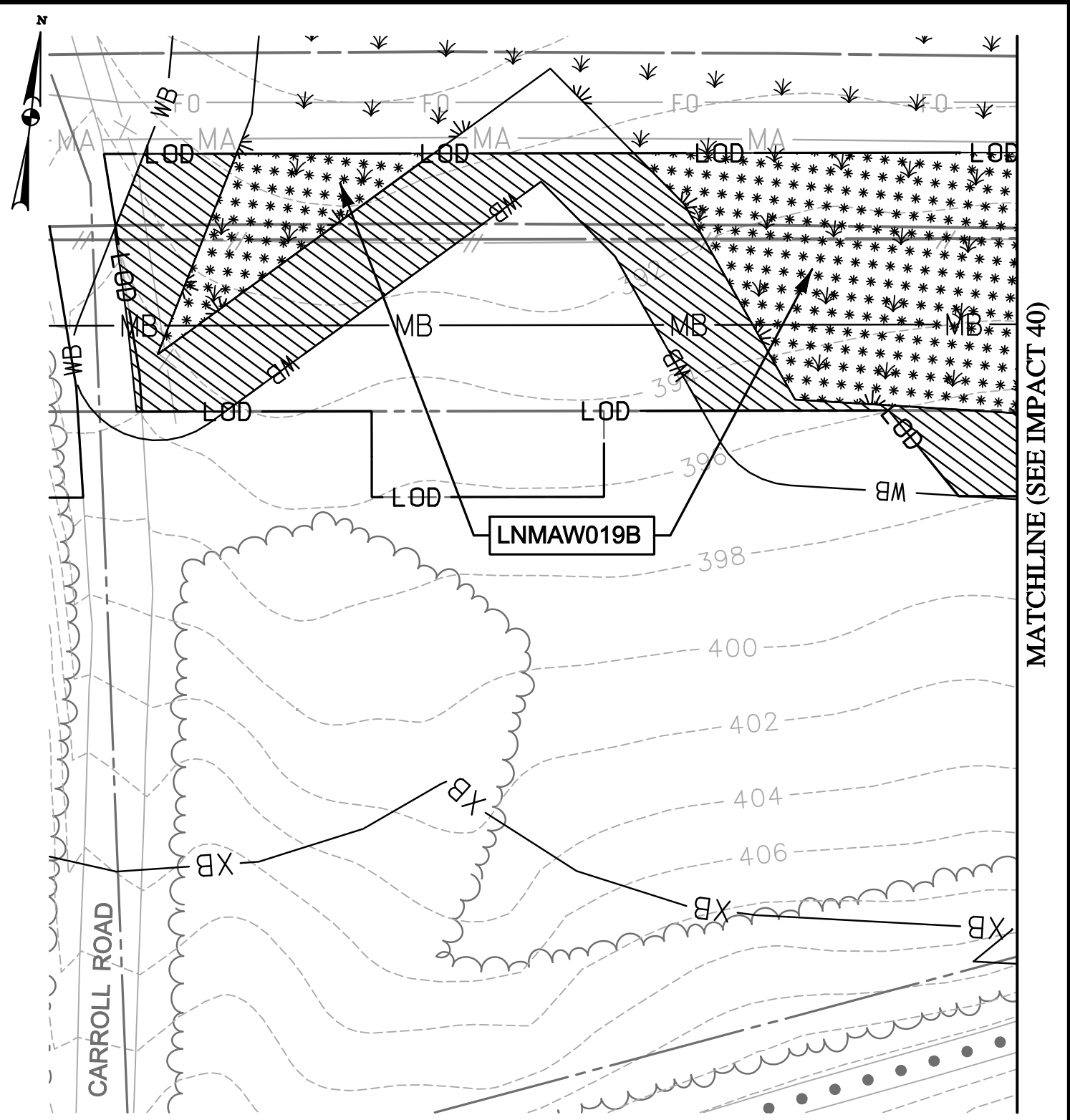
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 BY: Christopher Deibel Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATES\HDD_IMPACT_PLATE_SET\58-Plate-LINE_MB-impact38.dgn

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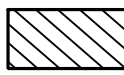
DATE: REVISED MAY 2015
SCALE: 1" = 40'
DRAWN BY: CSD

LINE MB EXTENSION PROJECT
COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660
IMPACT 38 - HDD
 LNMA021A; LNMA022A

PLOTTED: 11:24:42 PM on Wednesday, May 27, 2015
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TEMPORARY NON-TIDAL
 PEM WETLAND IMPACT
 7,955 SF./ 0.18 AC.



TEMPORARY 25' NON-TIDAL
 WETLAND BUFFER IMPACT
 7,312 SF./ 0.17 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 59 OF 90



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 MAY 2015

SCALE:
 1" = 40'

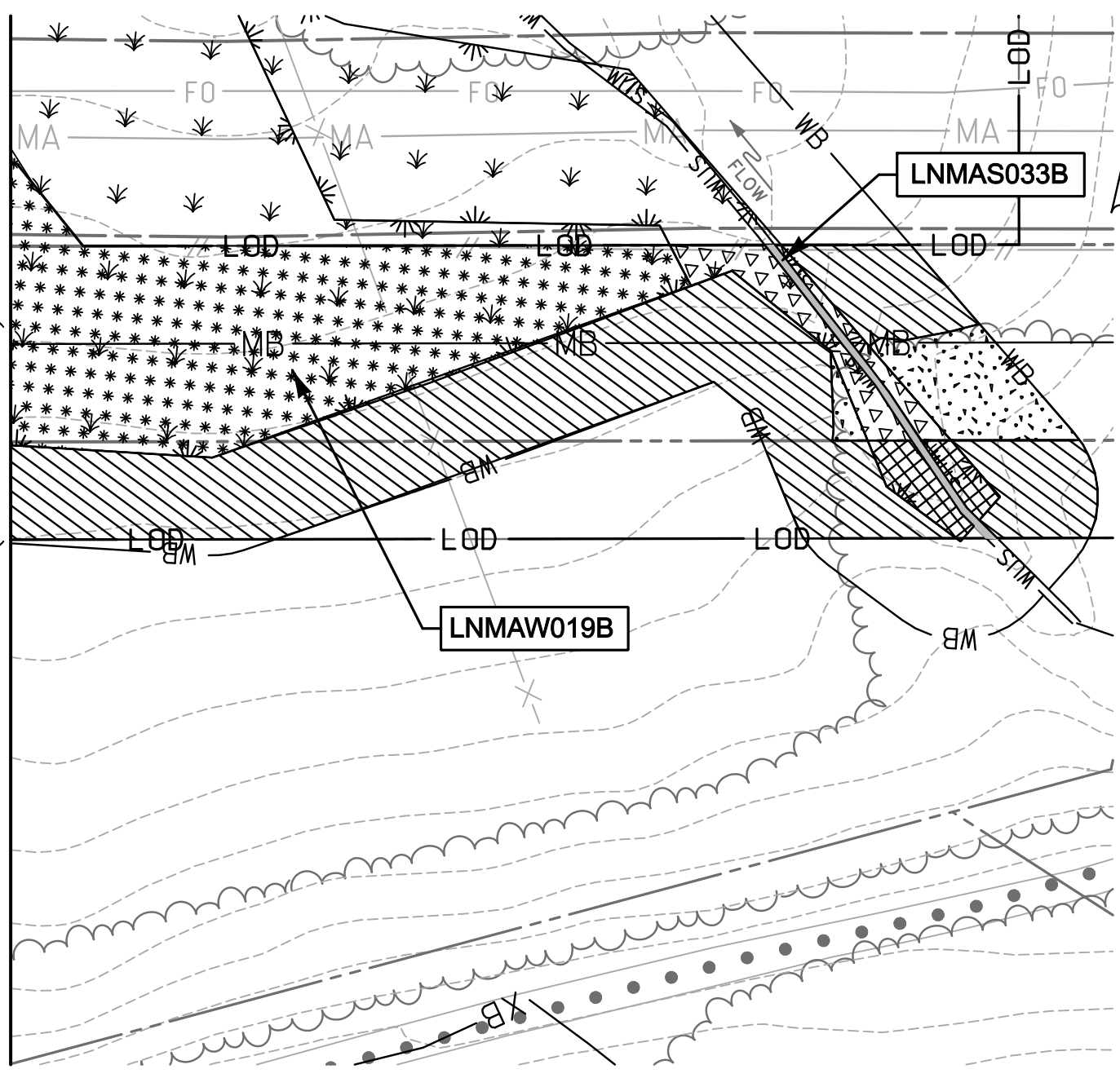
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LINE MB EXTENSION PROJECT
 COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 39
 LNMAW019B



MATCHLINE (SEE IMPACT 39)



- TEMPORARY WATERS OF U.S. IMPACT
188 SF./ 0.004 AC./ 94 LF.
- TEMPORARY NON-TIDAL PEM WETLAND IMPACT
6,884 SF./ 0.16 AC.
- NON-TIDAL PSS WETLAND CONVERSION IMPACT
761 SF./ 0.02 AC.
- PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
822 SF./ 0.02 AC.
- TEMPORARY NON-TIDAL PSS WETLAND IMPACT
443 SF./ 0.01 AC.
- TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
7,858 SF./ 0.18 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS. SHEET 60 OF 90

PLOTTED: '12:42 PM on Wednesday, May 27, 2015"
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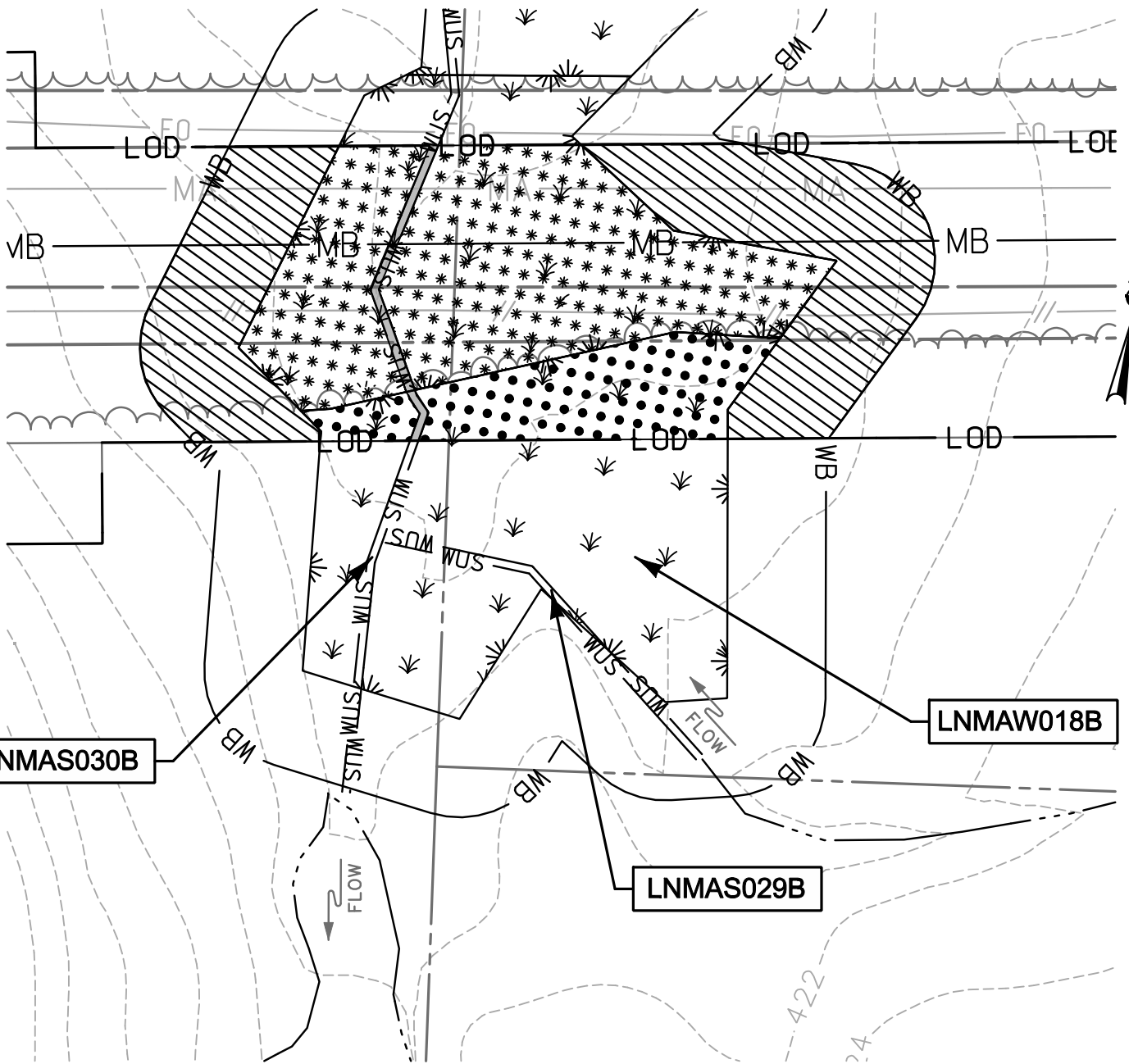
DATE: REVISED
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SCALE:
1" = 40'

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IMPACT 40
 LNMAW033B; LNMAW019B




 TEMPORARY WATERS OF U.S. IMPACT
 166 SF./ 0.004 AC./ 81 LF.


 TEMPORARY NON-TIDAL PFO WETLAND IMPACT
 2,043 SF./ 0.05 AC.


 TEMPORARY NON-TIDAL PEM WETLAND IMPACT
 6,209 SF./ 0.14 AC.


 TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
 5,304 SF./ 0.12 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 61 OF 90

PLOTTED: 11:24:42 PM on Wednesday, May 27, 2015
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 FILE: M:\2012\16121849\drawings\IMPACT_PLATES\HDD\IMPACT_PLATE_SET\61-Plate-LINE_MB-impact41.dgn



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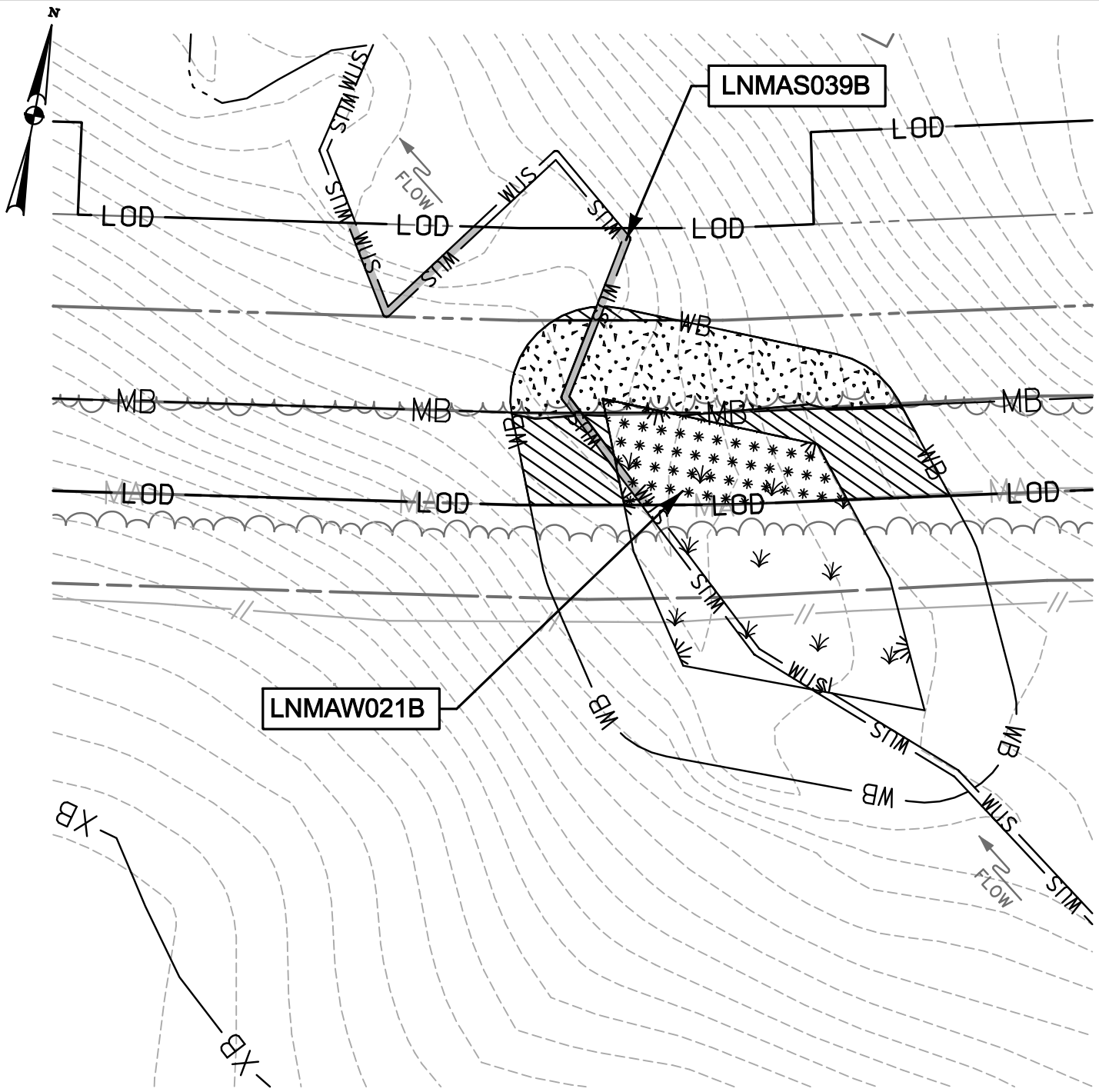
SCALE:
1" = 40'


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COLUMBIA GAS TRANSMISSION, LLC
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 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 41

LNMA030B; LNMA029B; LNMAW018B




 TEMPORARY WATERS OF U.S. IMPACT
 293 SF./ 0.007 AC./ 147 LF.


 PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
 2,089 SF./ 0.05 AC.


 TEMPORARY NON-TIDAL PEM WETLAND IMPACT
 1,253 SF./ 0.03 AC.


 TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
 1,440 SF./ 0.03 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 62 OF 90

PLOTTED: 11:24:42 PM on Wednesday, May 27, 2015
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 FILE: M:\2012\16121849\drawings\IMPACT_PLATE.SET\62-Plate-LINE_MB-impact42.dgn



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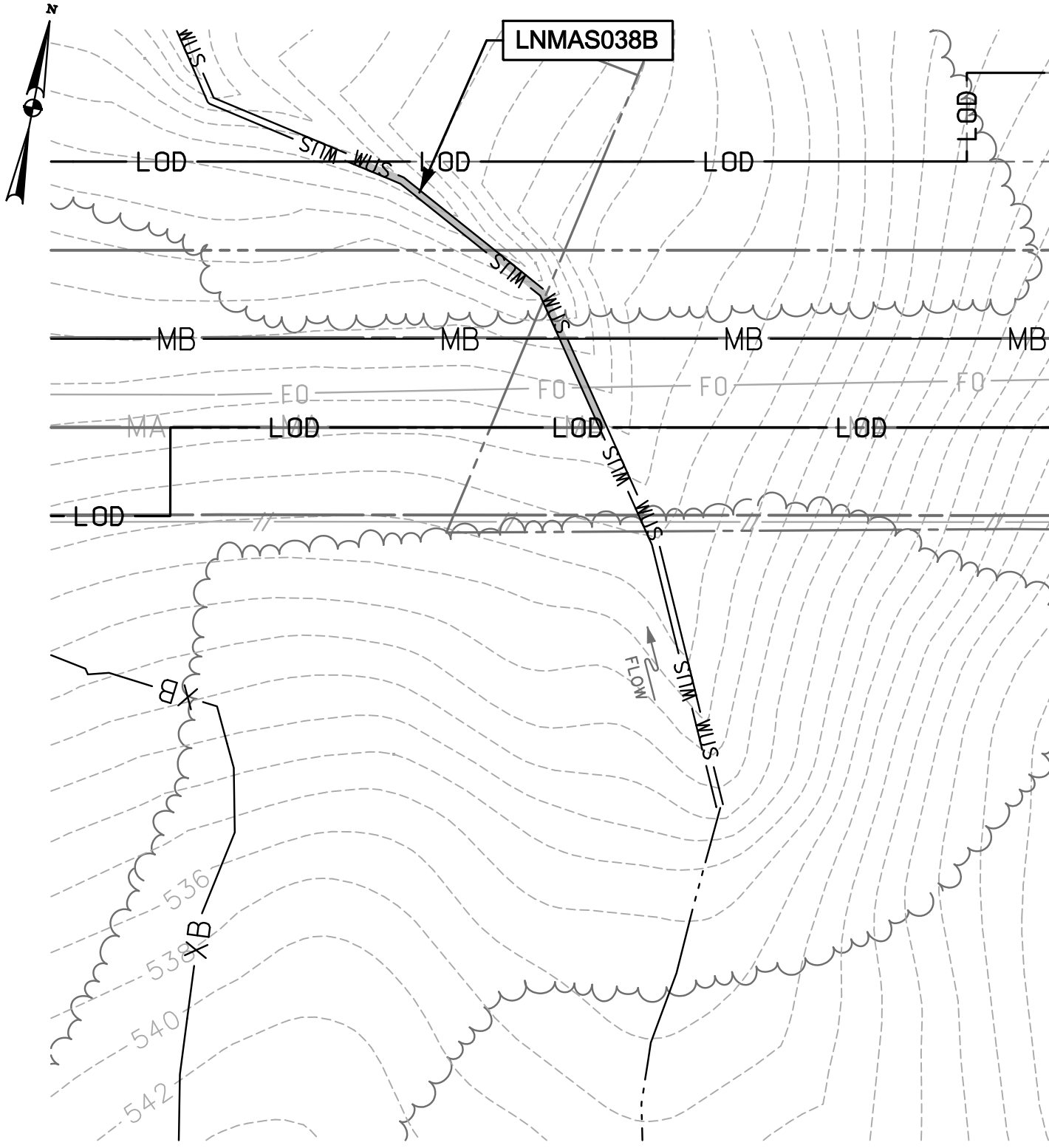
SCALE:
1" = 40'


DRAWN BY:
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LINE MB EXTENSION PROJECT
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 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 42

LNMA039B; LNMAW021B




 TEMPORARY WATERS
 OF U.S. IMPACT
 213 SF./ 0.005 AC./ 106 LF.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 63 OF 90

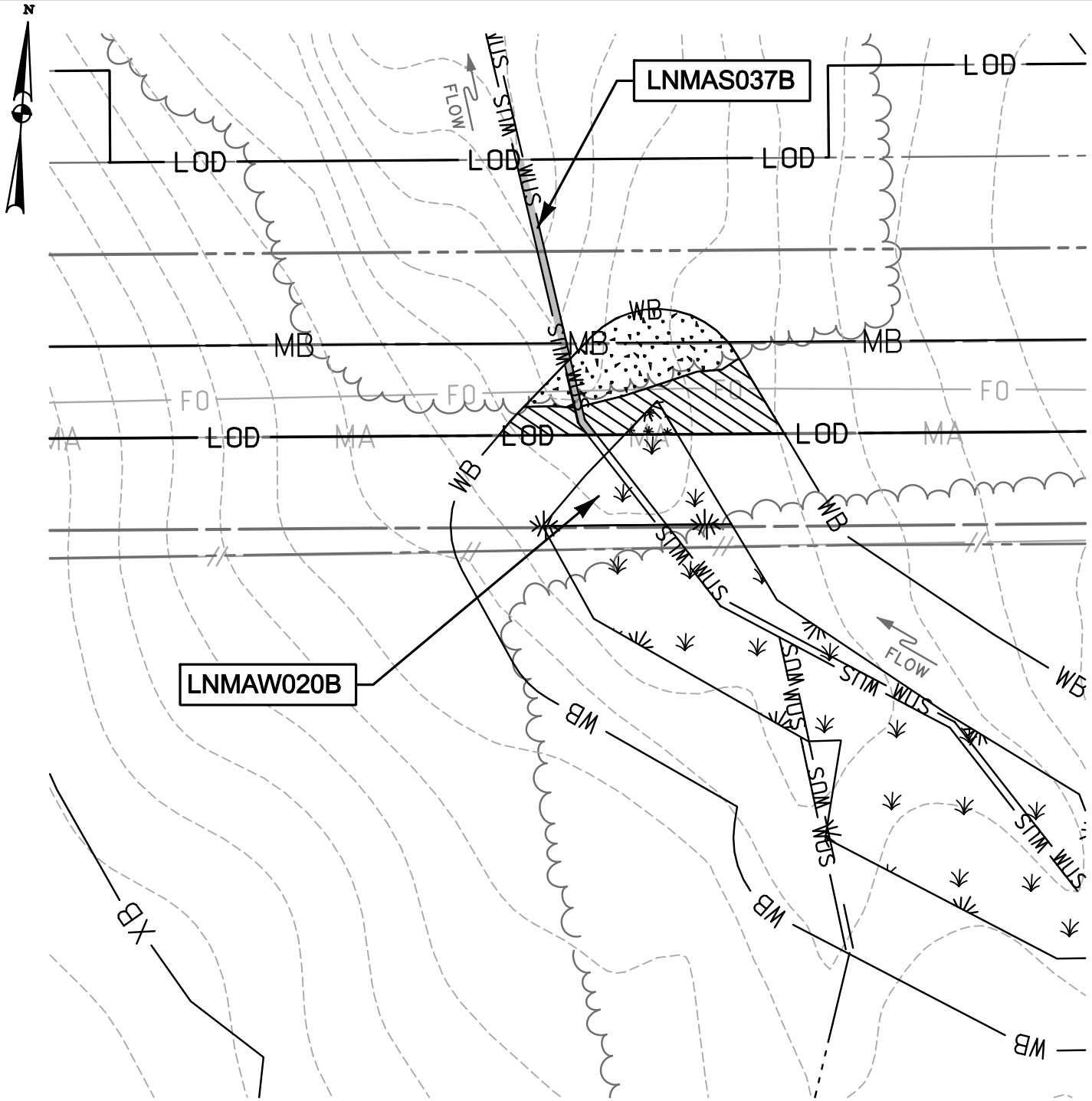
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 BY: Christopher Deibel/Division: P050 Natural Res Emp
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 MDE PERMIT #12-NT-0433/ TRACKING #201261660
IMPACT 43
 LNMAS038B




 TEMPORARY WATERS OF U.S. IMPACT
 156 SF./ 0.004 AC./ 78 LF.


 PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
 823 SF./ 0.02 AC.


 TEMPORARY NON-TIDAL PEM WETLAND IMPACT
 65 SF./ 0.001 AC.


 TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
 779 SF./ 0.02 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 64 OF 90

PLOTTED: 11:24:42 PM on Wednesday, May 27, 2015
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MAY 2015

SCALE:
1" = 40'

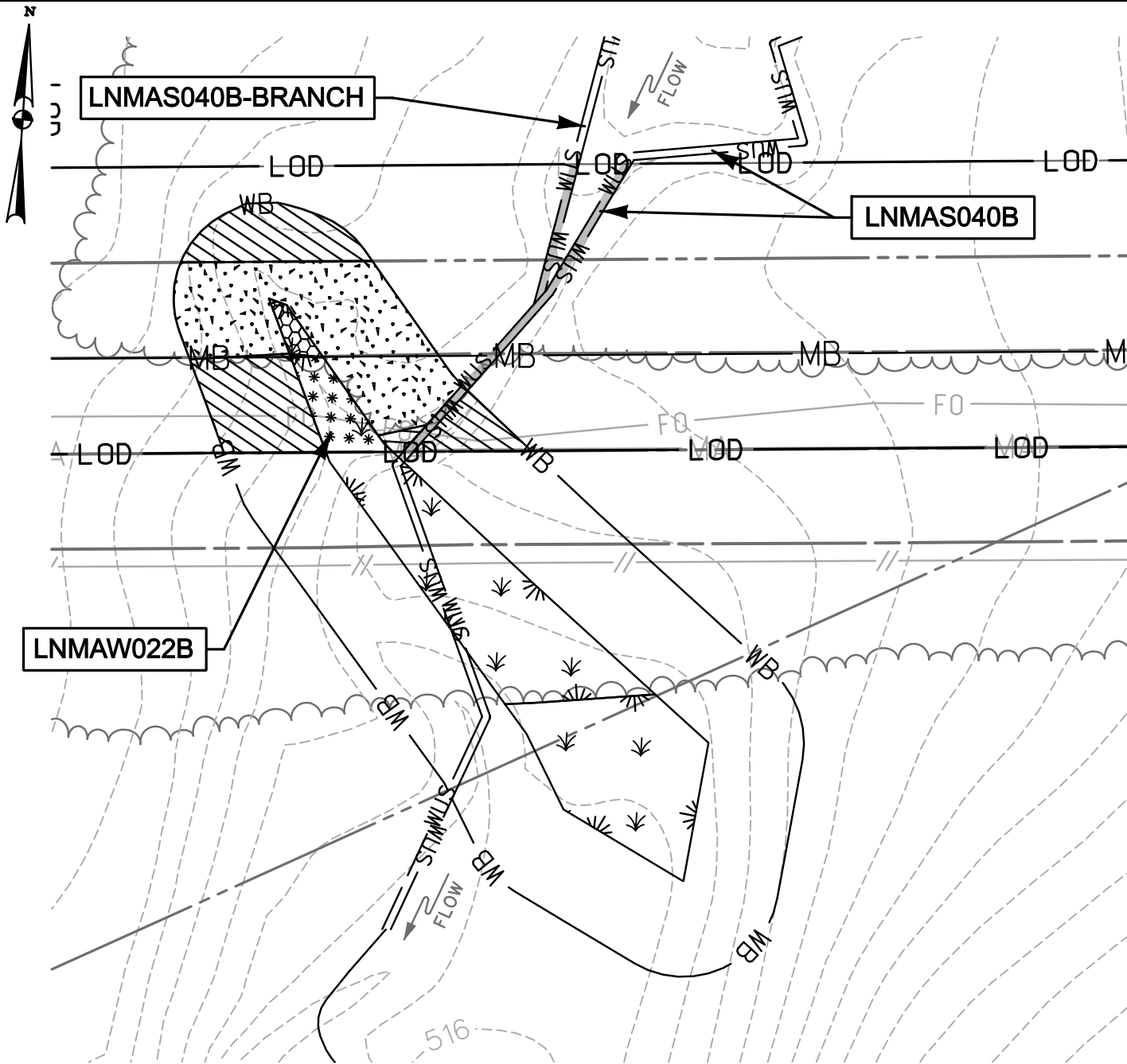
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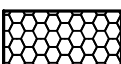
MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 44

LNMA037B; LNMAW020B



 TEMPORARY WATERS OF U.S. IMPACT
263 SF./ 0.006 AC./ 132 LF.

 NON-TIDAL PFO WETLAND CONVERSION IMPACT
85 SF./ 0.002 AC.

 TEMPORARY NON-TIDAL PEM WETLAND IMPACT
318 SF./ 0.007 AC.

 PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
1,899 SF./ 0.04 AC.

 TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
1,493 SF./ 0.03 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 65 OF 90

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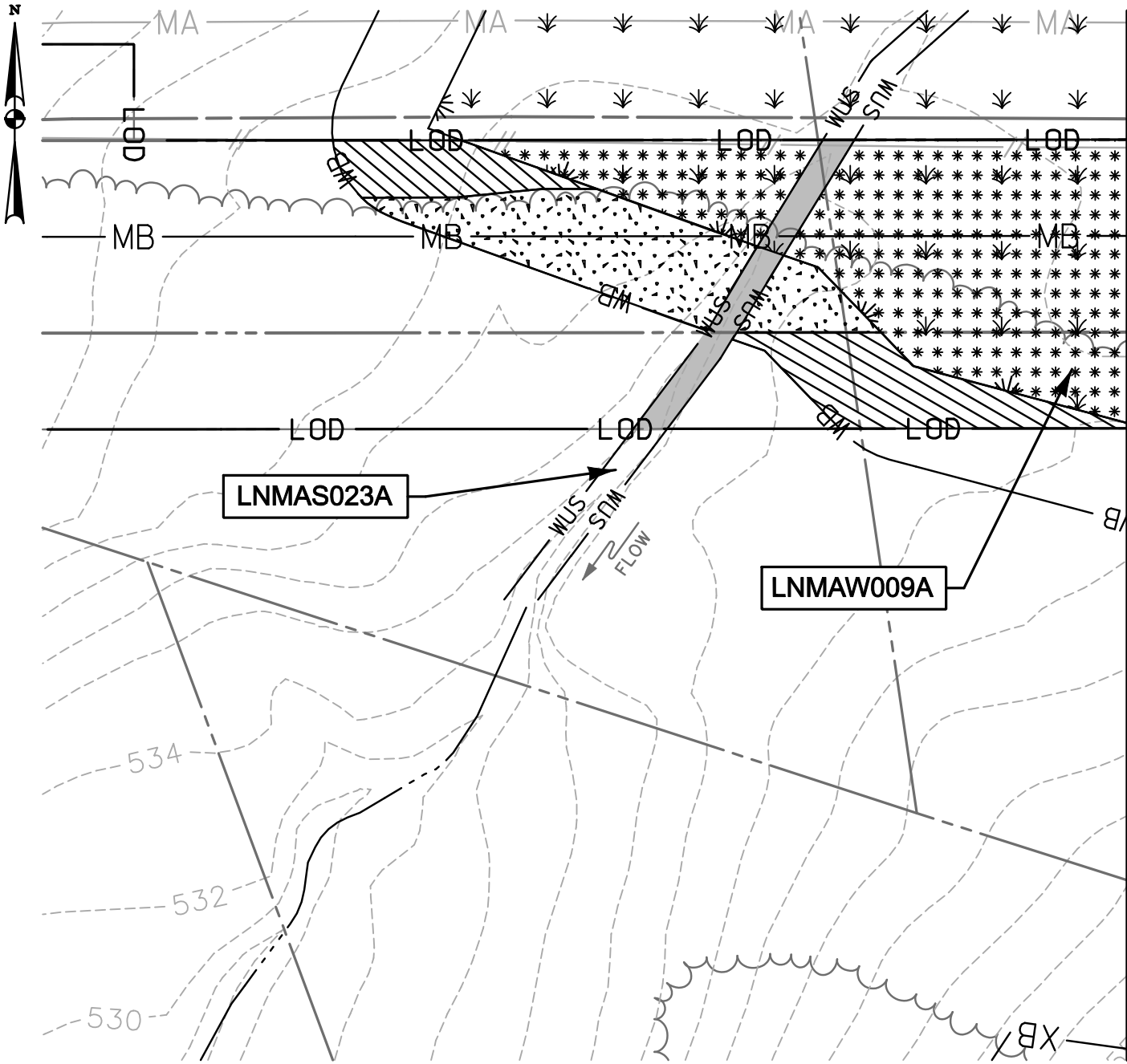
SCALE:
1" = 40'

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COLUMBIA GAS TRANSMISSION, LLC
1700 MacCORKLE AVE, SE
CHARLESTON, WV 25314
MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 45

LNMA040B; LNMA040B-BRANCH; LNMAW022B



MATCHLINE (SEE IMPACT 47)

- TEMPORARY WATERS OF U.S. IMPACT
628 SF./ 0.01 AC./ 90 LF.
- PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
2,194 SF./ 0.05 AC.
- TEMPORARY NON-TIDAL PEM WETLAND IMPACT
6,123 SF./ 0.14 AC.
- TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
1,975 SF./ 0.05 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 66 OF 90

PLOTTED: 11:24:43 PM on Wednesday, May 27, 2015
BY: Christopher Deibel/Division: P050 Natural Res Emp
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MAY 2015

SCALE:
1" = 40'

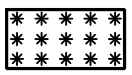
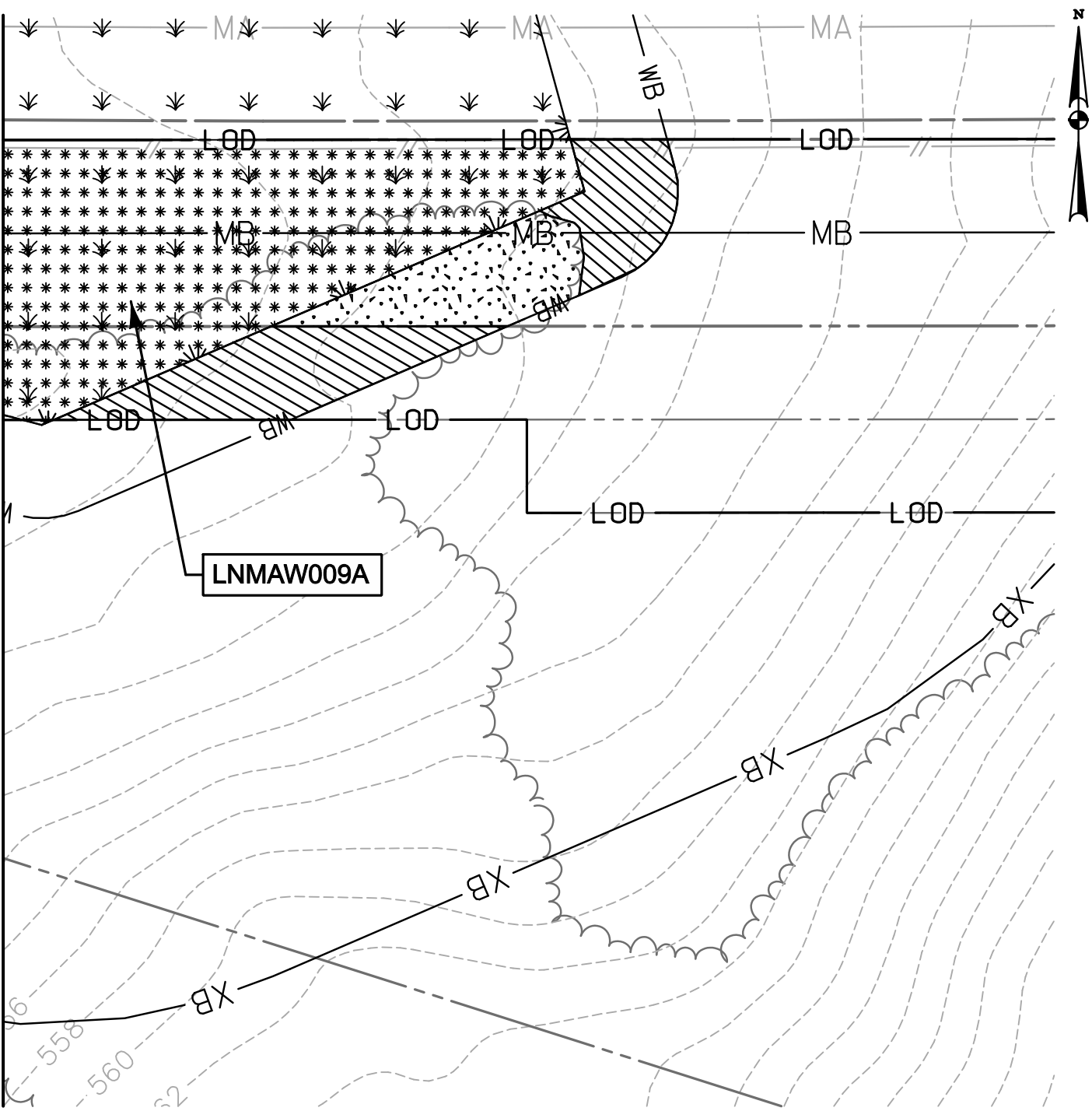
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CHARLESTON, WV 25314
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IMPACT 46
LNMA023A; LNMAW009A

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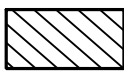
MATCHLINE (SEE IMPACT 46)



TEMPORARY NON-TIDAL
 PEM WETLAND IMPACT
 7,308 SF./ 0.17 AC.



PERMANENT 25' NON-TIDAL
 WETLAND BUFFER IMPACT
 1,259 SF./ 0.03 AC.



TEMPORARY 25' NON-TIDAL
 WETLAND BUFFER IMPACT
 2,612 SF./ 0.06 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 67 OF 90

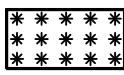
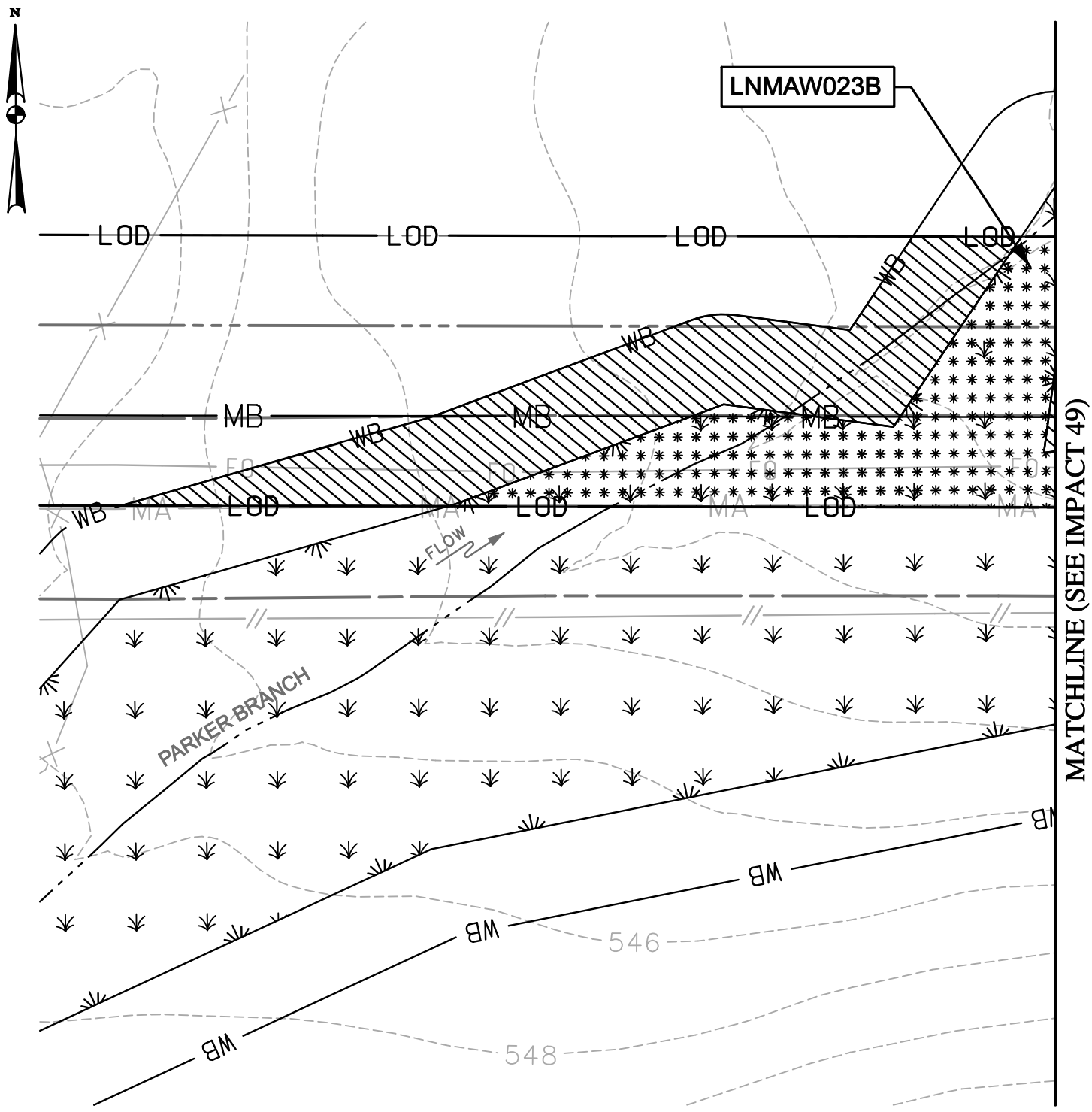


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 936 RIDGEBROOK ROAD
 SPARKS, MARYLAND 21152
 TELEPHONE: (410) 316-7800
 FAX: (410) 316-7818

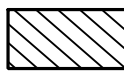
DATE: REVISED
 MAY 2015
 SCALE:
 1" = 40'
 DRAWN BY:
 CSD

LINE MB EXTENSION PROJECT
 COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660
IMPACT 47
 LNMAW009A

PLOTTED: 11:24:43 PM on Wednesday, May 27, 2015
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATES\HDD_IMPACT_PLATE_SET\68-Plate-LINE_MB-impact48.dgn



TEMPORARY NON-TIDAL
 PEM WETLAND IMPACT
 4,662 SF./ 0.11 AC.



TEMPORARY 25' NON-TIDAL
 WETLAND BUFFER IMPACT
 5,470 SF./ 0.13 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 68 OF 90

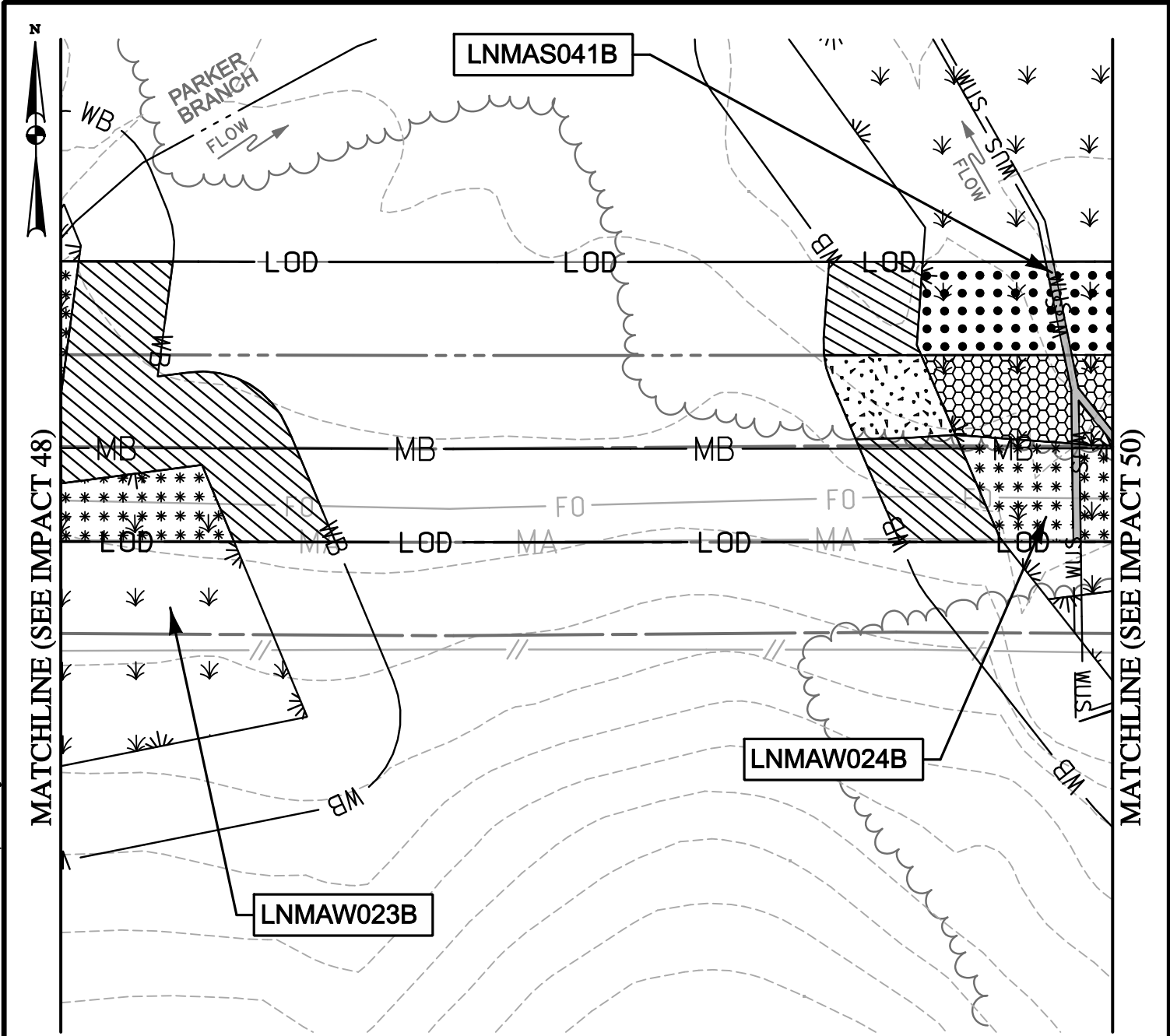


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 SCALE:
 1" = 40'
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LINE MB EXTENSION PROJECT
 COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660
IMPACT 48
 LNMAW023B

PLOTTED: "12:43 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATESET\69-Plate-Line_MB-impact49.dgn



- TEMPORARY WATERS OF U.S. IMPACT
 181 SF./ 0.004 AC./ 92 LF.
- TEMPORARY NON-TIDAL PEM WETLAND IMPACT
 1,768 SF./ 0.04 AC.
- NON-TIDAL PFO WETLAND CONVERSION IMPACT
 985 SF./ 0.02 AC.
- PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
 550 SF./ 0.01 AC.
- TEMPORARY NON-TIDAL PFO WETLAND IMPACT
 1,240 SF./ 0.03 AC.
- TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
 4,264 SF./ 0.10 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS. SHEET 69 OF 90

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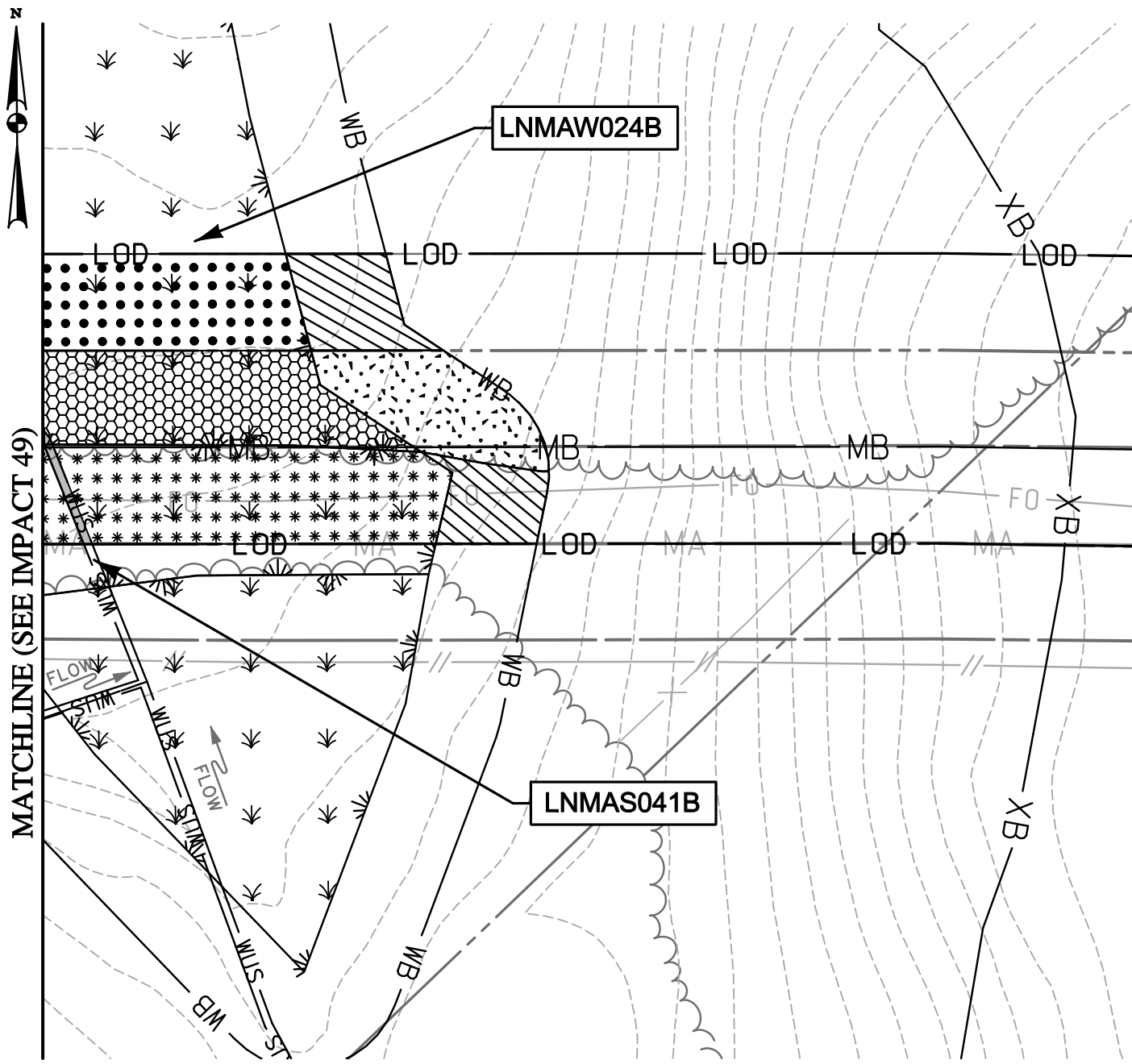
DATE: REVISED
 MAY 2015
 SCALE:
 1" = 40'
 DRAWN BY:
 CSD

LINE MB EXTENSION PROJECT
COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 49

LNMAW041B; LNMAW023B; LNMAW024B


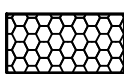

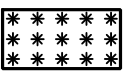


PLOTTED: "12:43 PM on Wednesday, May 27, 2015"
 BY: Christopher Delibel Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATESET\70-Plate-LINE_MB-impact50.dgn



MATCHLINE (SEE IMPACT 49)

LNMAW024B

LNMAS041B

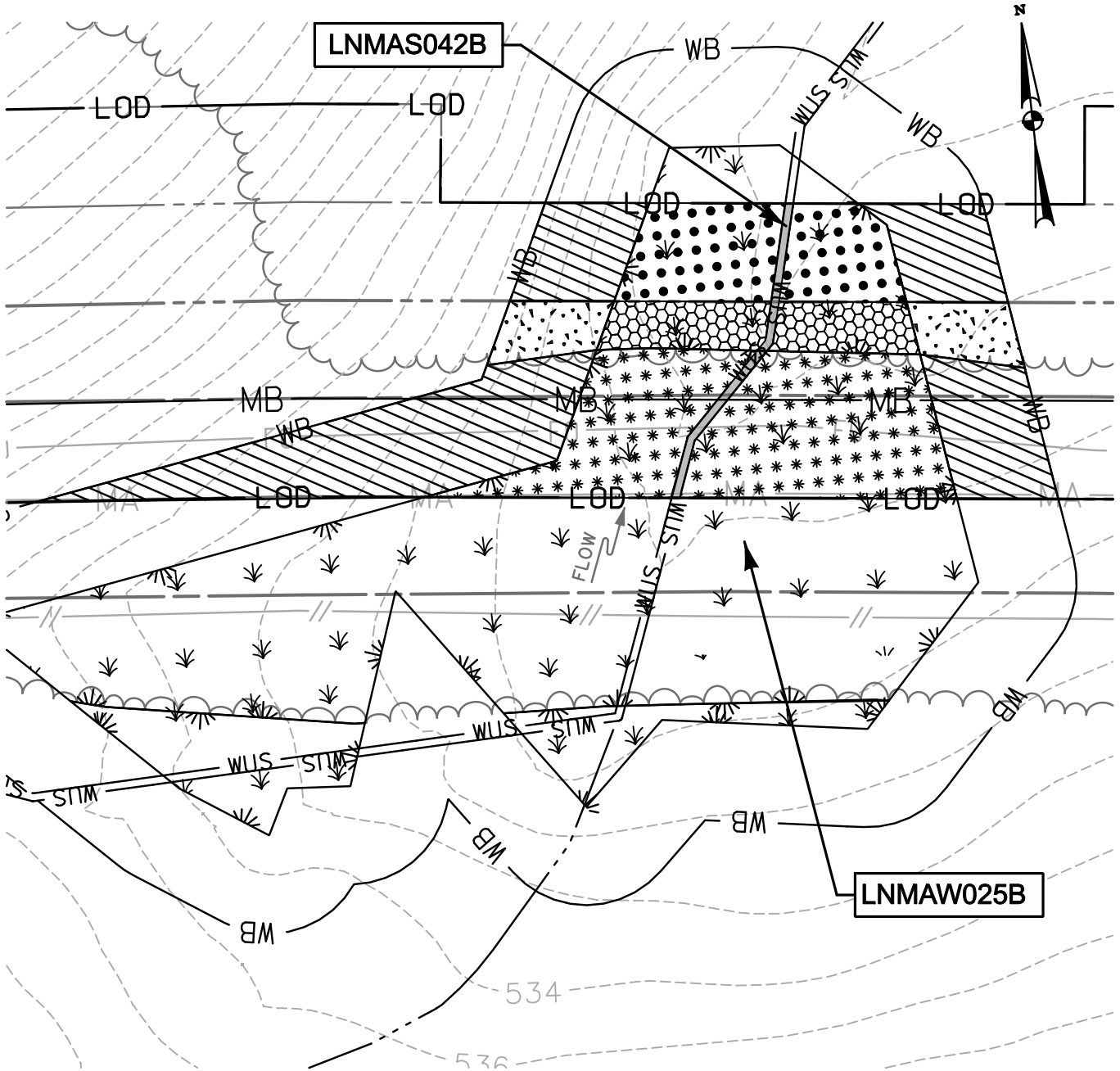
- | | |
|---|---|
| <p> TEMPORARY WATERS OF U.S. IMPACT
61 SF./ 0.001 AC./ 30 LF.</p> <p> NON-TIDAL PFO WETLAND CONVERSION IMPACT
1,944 SF./ 0.04 AC.</p> <p> TEMPORARY NON-TIDAL PFO WETLAND IMPACT
1,652 SF./ 0.04 AC.</p> | <p> TEMPORARY NON-TIDAL PEM WETLAND IMPACT
2,552 SF./ 0.06 AC.</p> <p> PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
1,088 SF./ 0.02 AC.</p> <p> TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
1,269 SF./ 0.03 AC.</p> |
|---|---|

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS. SHEET 70 OF 90

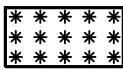
KCI TECHNOLOGIES
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DATE: REVISED
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 SCALE:
 1" = 40'
 DRAWN BY:
 CSD

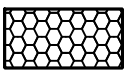
LINE MB EXTENSION PROJECT
COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660
IMPACT 50
 LNMAW024B; LNMAS041B



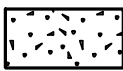
TEMPORARY WATERS
OF U.S. IMPACT
166 SF./ 0.004 AC./ 83 LF.



TEMPORARY NON-TIDAL
PEM WETLAND IMPACT
3,562 SF./ 0.08 AC.



NON-TIDAL PFO
WETLAND CONVERSION IMPACT
955 SF./ 0.02 AC.



PERMANENT 25' NON-TIDAL
WETLAND BUFFER IMPACT
769 SF./ 0.02 AC.



TEMPORARY NON-TIDAL
PFO WETLAND IMPACT
1,602 SF./ 0.04 AC.



TEMPORARY 25' NON-TIDAL
WETLAND BUFFER IMPACT
4,535 SF./ 0.10 AC.

SHEET 71 OF 90

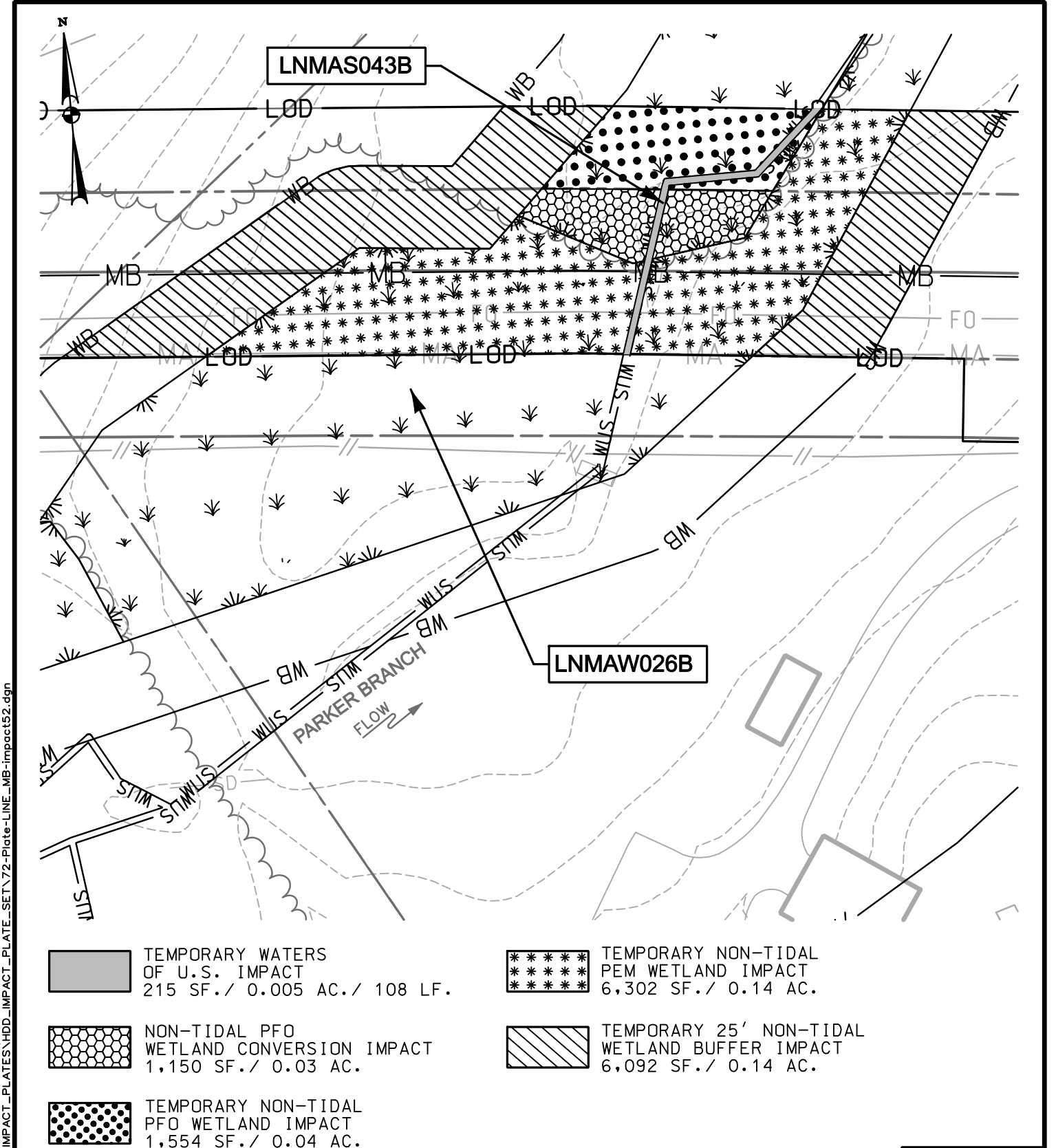
PLOTTED: '12:43 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849.drw\drawings\IMPACT_PLATES\HDD\IMPACT_PLATE_SET\71-Plate-LINE_MB-impact51.dgn



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DATE: REVISED
 MAY 2015
 SCALE:
 1" = 40'
 DRAWN BY:
 CSD

LINE MB EXTENSION PROJECT
COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660
IMPACT 51
 LNMAW042B; LNMAW025B



NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 72 OF 90

PLOTTED: "12:43 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849-drawings\IMPACT_PLATES\HDD\IMPACT_PLATE_SET\72-Plate-LINE_MB-impact52.dgn



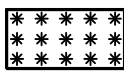
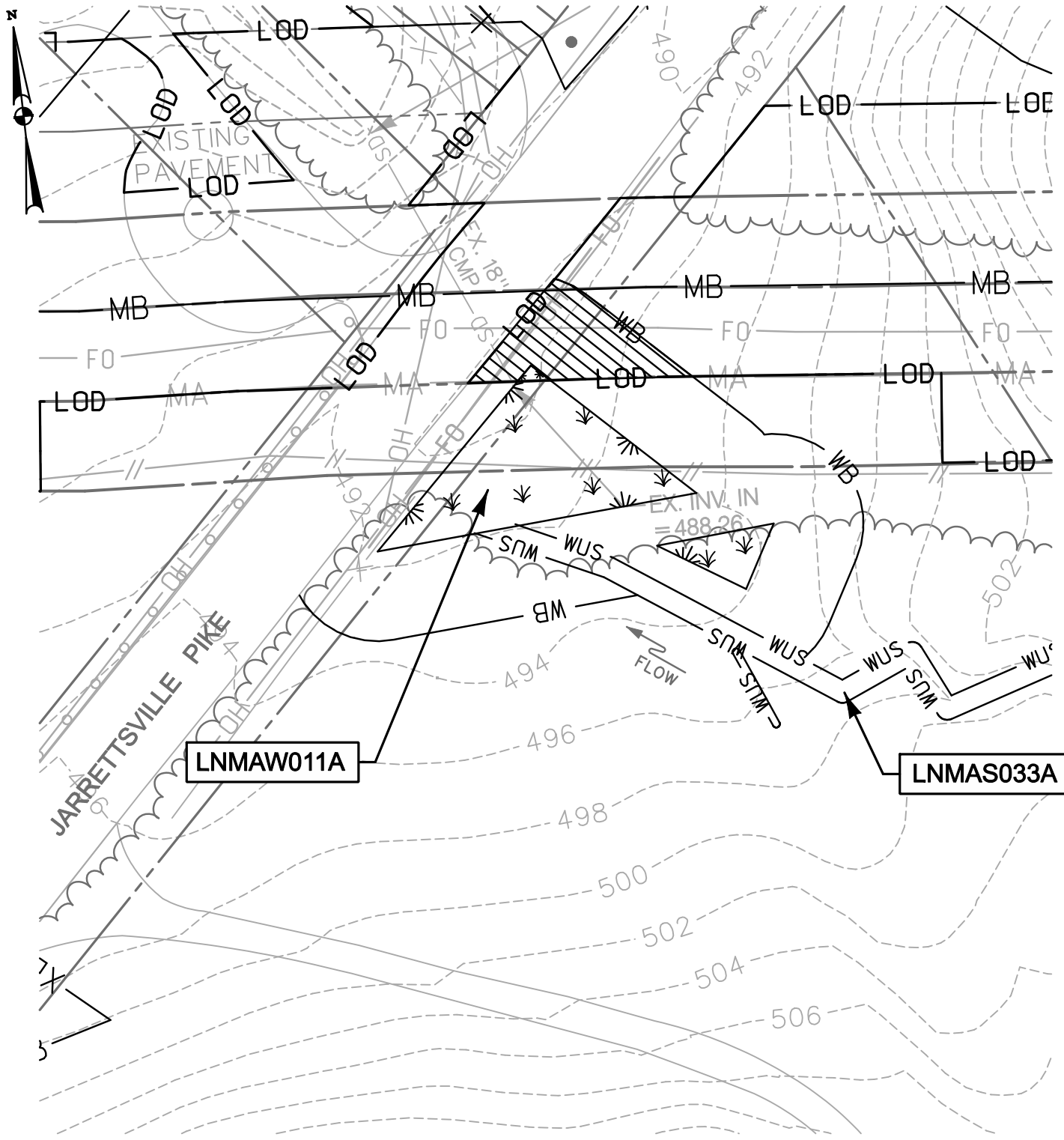
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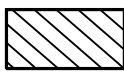
DATE: REVISED
 MAY 2015
 SCALE:
 1" = 40'
 DRAWN BY:
 CSD

LINE MB EXTENSION PROJECT
COLUMBIA GAS TRANSMISSION, LLC
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IMPACT 52
 LNMA043B; LNMAW026B

PLOTTED: "12:43 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849-drawings\IMPACT_PLATE.SET\73-Plate-LINE_MB-impact53.dgn



TEMPORARY NON-TIDAL
 PEM WETLAND IMPACT
 20 SF./ 0.0005 AC.



TEMPORARY 25' NON-TIDAL
 WETLAND BUFFER IMPACT
 868 SF./ 0.02 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 73 OF 90



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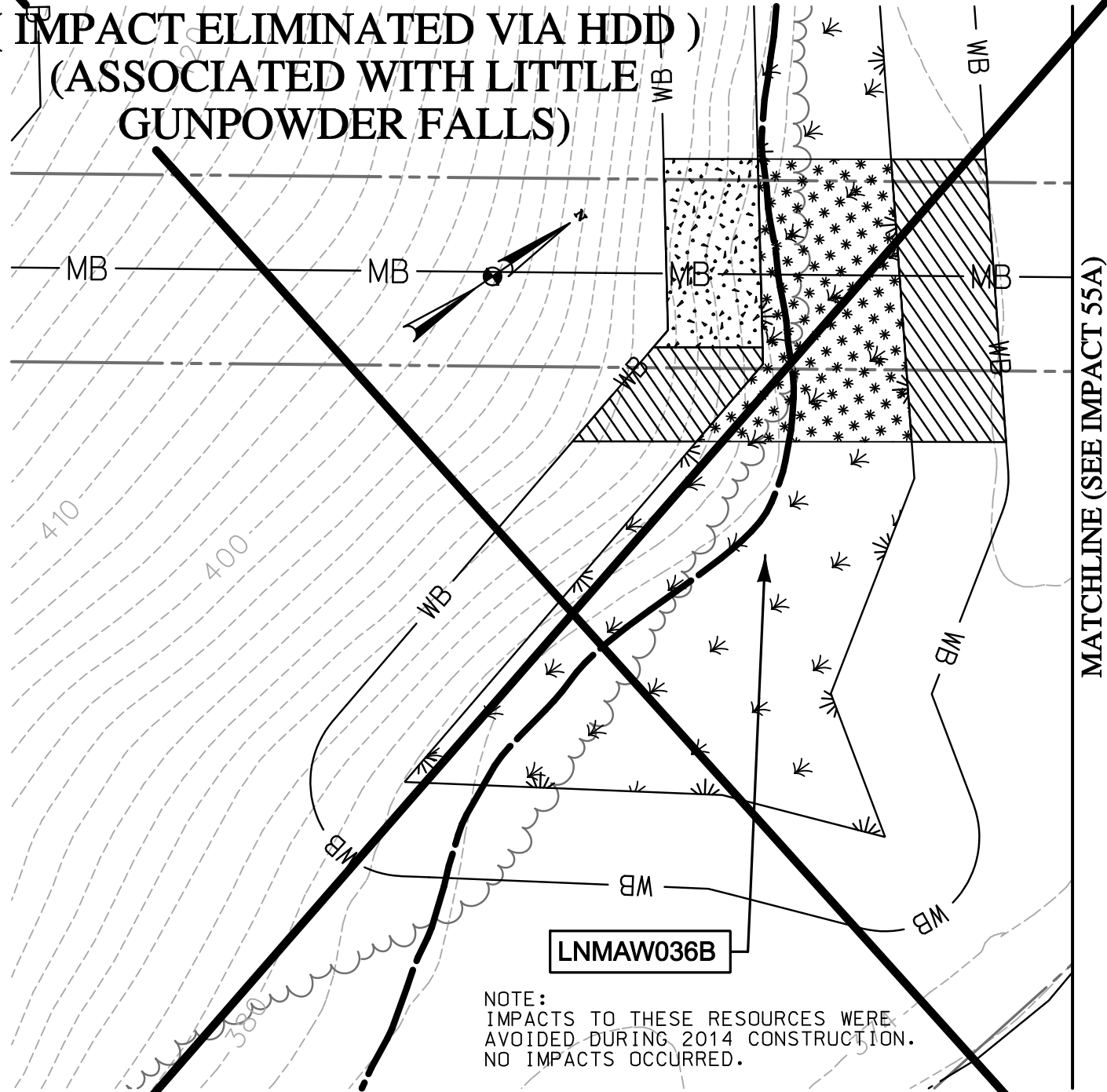
SCALE:
 1" = 40'

DRAWN BY:
 CSD

LINE MB EXTENSION PROJECT
 COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 53
 LNMAW011A; LNMA033A

IMPACT 54 - HDD (IMPACT ELIMINATED VIA HDD) (ASSOCIATED WITH LITTLE GUNPOWDER FALLS)



NOTE:
IMPACTS TO THESE RESOURCES WERE
AVOIDED DURING 2014 CONSTRUCTION.
NO IMPACTS OCCURRED.

 PERMANENT 25' NON-TIDAL
WETLAND BUFFER IMPACT
1,453 SF./ 0.03 AC.

 TEMPORARY 25' NON-TIDAL
WETLAND BUFFER IMPACT
2,500 SF./ 0.06 AC.

 TEMPORARY NON-TIDAL
PEM WETLAND IMPACT
2,974 SF./ 0.07 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 75 OF 90

PLOTTED: "12:43 PM on Wednesday, May 27, 2015"
 BY: Christopher Delbel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATES\HDD_IMPACT_PLATE_SET\76-Plate-Line_MB-impact54.dgn



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DATE: REVISED
MAY 2015

SCALE:
1" = 40'

DRAWN BY:
CSD

LINE MB EXTENSION PROJECT
 COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 54 - HDD

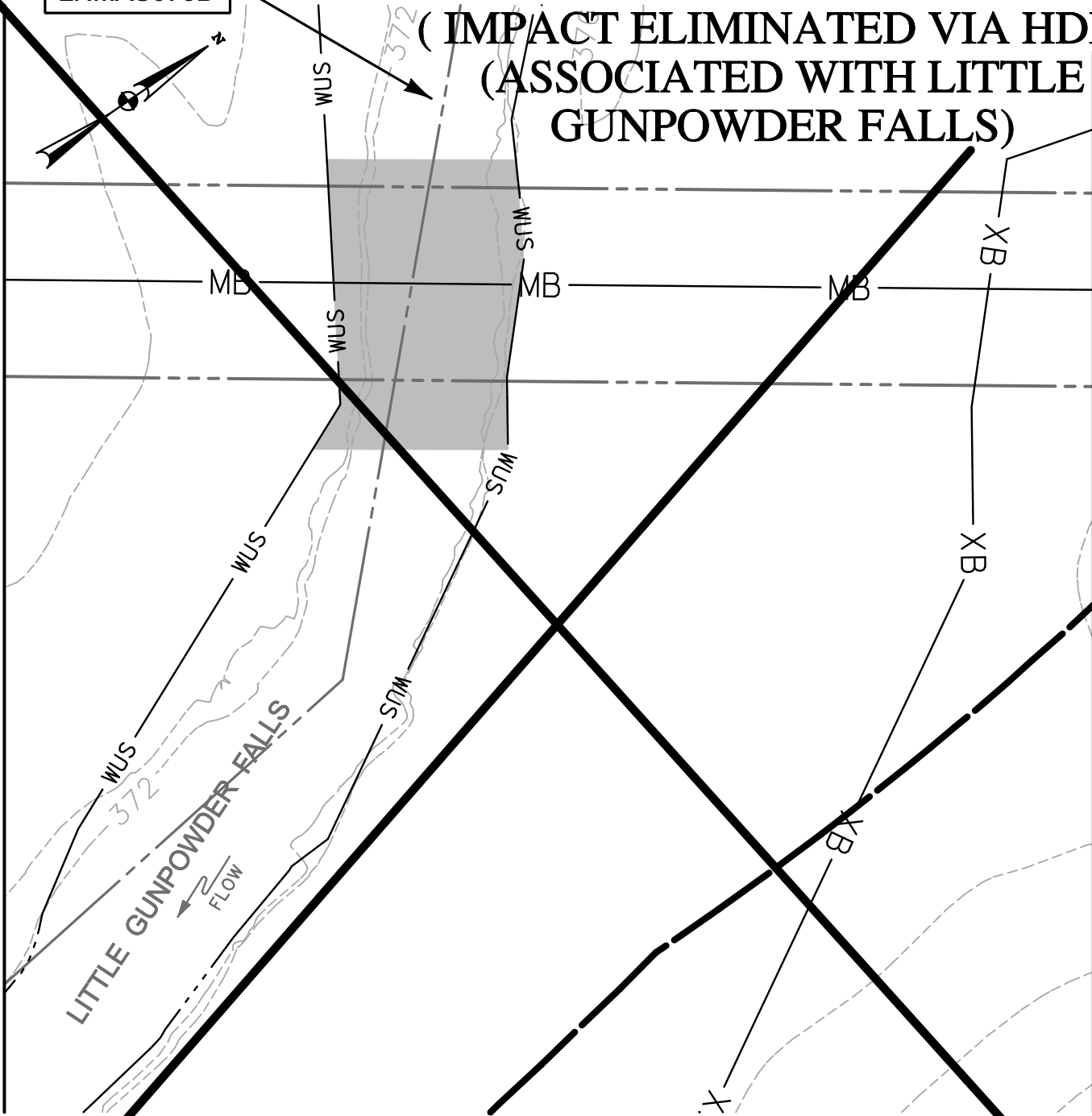
LNMAW036B

IMPACT 55A - HDD (IMPACT ELIMINATED VIA HDD) (ASSOCIATED WITH LITTLE GUNPOWDER FALLS)

LNMAS075B

MATCHLINE (SEE IMPACT 55)

MATCHLINE (SEE IMPACT 55B)



NOTE:
IMPACTS TO THESE RESOURCES WERE
AVOIDED DURING 2014 CONSTRUCTION.
NO IMPACTS OCCURRED.

TEMPORARY WATERS
OF U.S. IMPACT
3,547 SF. / 0.08 AC. / 77 LF.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 77 OF 90

PLOTTED: 11:24:43 PM on Wednesday, May 27, 2015
BY: Christopher Deibel/Division: P050 Natural Res Emp
FILE: M:\2012\16121849-drawings\IMPACT_PLATES\HDD_IMPACT_PLATE_SET\77-Plate-LINE_MB-impact55-A.dgn



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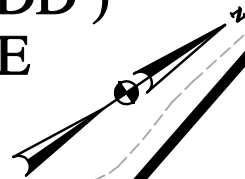
DATE: REVISED MAY 2015
SCALE: 1" = 40'
DRAWN BY: CSD

LINE MB EXTENSION PROJECT
COLUMBIA GAS TRANSMISSION, LLC
1700 MacCORKLE AVE, SE
CHARLESTON, WV 25314
MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 55A - HDD

LNMAS075B

IMPACT 55B - HDD (IMPACT ELIMINATED VIA HDD) (ASSOCIATED WITH LITTLE GUNPOWDER FALLS)



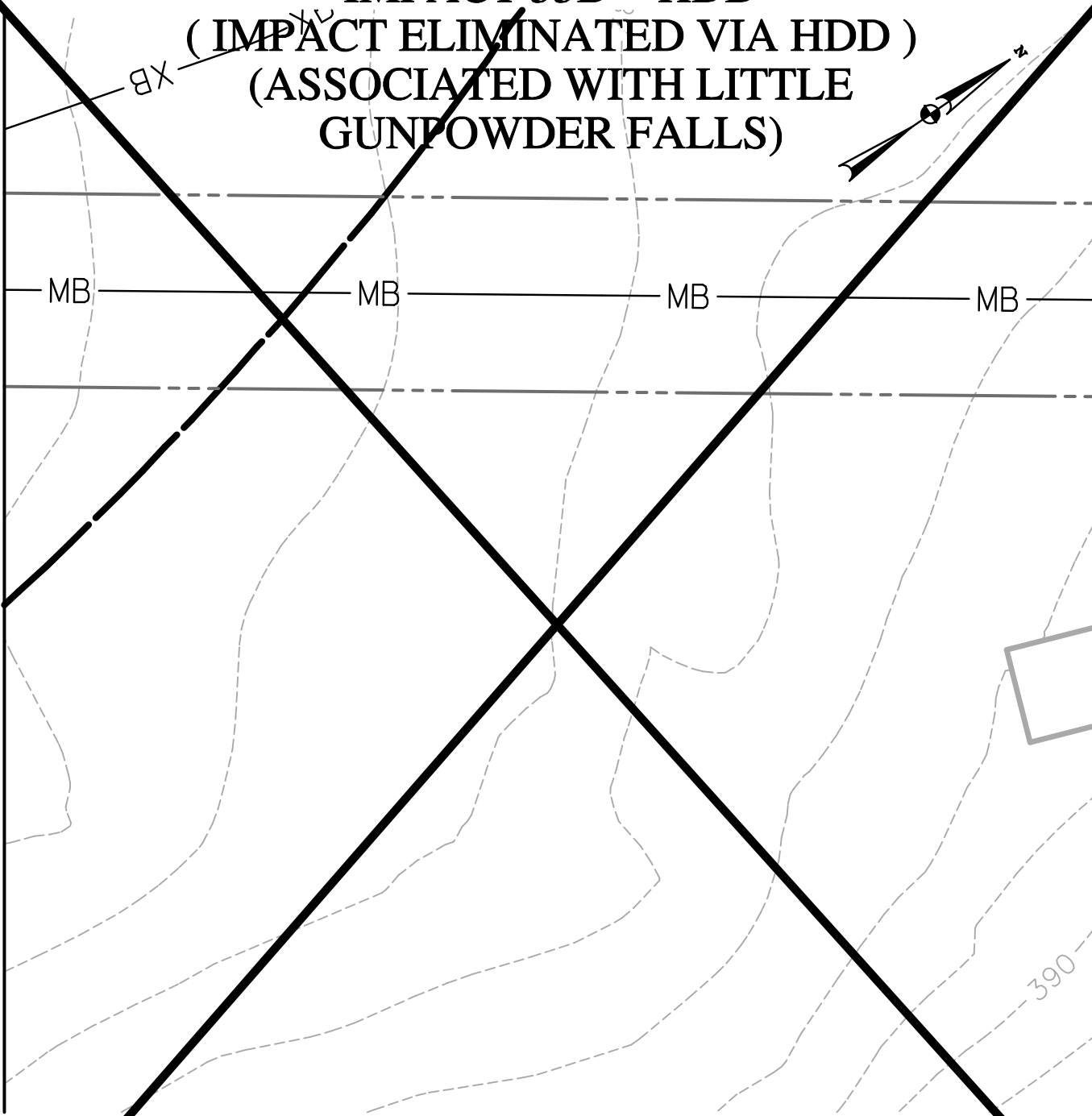
MATCHLINE (SEE IMPACT 55A)

MB

MB

MB

MB



NOTE: FLOODPLAIN IMPACTS ONLY ON THIS SHEET.

NOTE:
IMPACTS TO THESE RESOURCES WERE
AVOIDED DURING 2014 CONSTRUCTION.
NO IMPACTS OCCURRED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 78 OF 90



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MAY 2015

SCALE:
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DRAWN BY:
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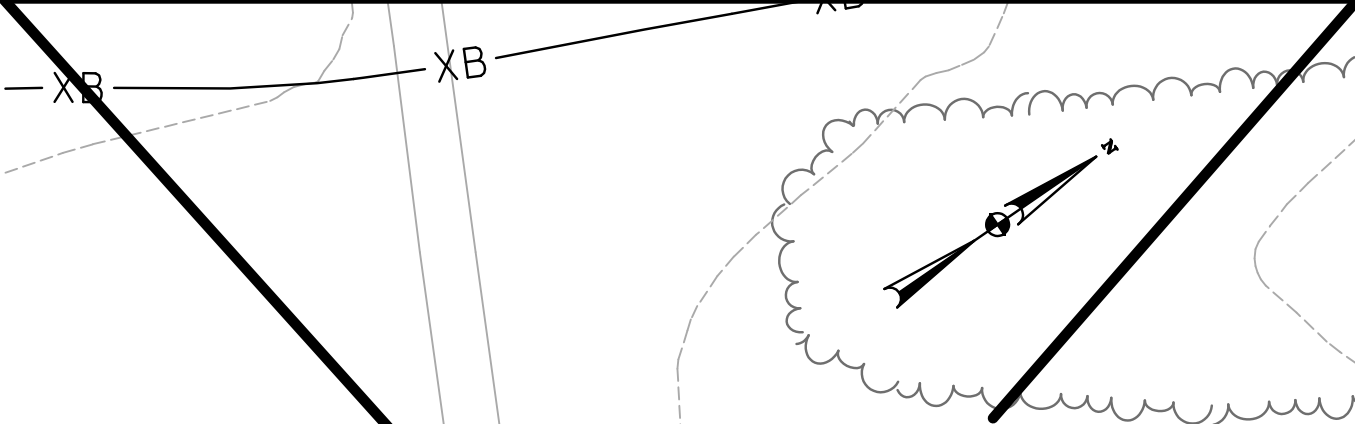
**LINE MB EXTENSION PROJECT
COLUMBIA GAS TRANSMISSION, LLC
1700 MacCORKLE AVE, SE
CHARLESTON, WV 25314**

MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 55B - HDD

PLOTTED: 11:24:43 PM on Wednesday, May 27, 2015"
BY: Christopher Deibel\Division: P050 Natural Res Emp
FILE: M:\2012\16121849\drawings\IMPACT_PLATES\HDD_IMPACT_PLATE_SET\78-Plate-LINE_MB-impact55-B.dgn

MATCHLINE (SEE IMPACT 55D)



**IMPACT 55C - HDD
(IMPACT ELIMINATED VIA HDD)
(ASSOCIATED WITH LITTLE
GUNPOWDER FALLS)**

NOTE:
IMPACTS TO THESE RESOURCES WERE
AVOIDED DURING 2014 CONSTRUCTION.
NO IMPACTS OCCURRED.

NOTE: FLOODPLAIN IMPACTS ONLY ON THIS SHEET.
FLOODPLAIN IMPACT THIS SHEET: 7,408 SF. / 0.17 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 78A OF 90

PLOTTED: "12:43 PM on Wednesday, May 27, 2015"
BY: Christopher Deibel/Division: P050 Natural Res Emp
FILE: M:\2012\16121849.drawing\IMPACT_PLATES\HDD_IMPACT_PLATE_SET\78A-Plate-LINE_MB-impact55-C.dgn

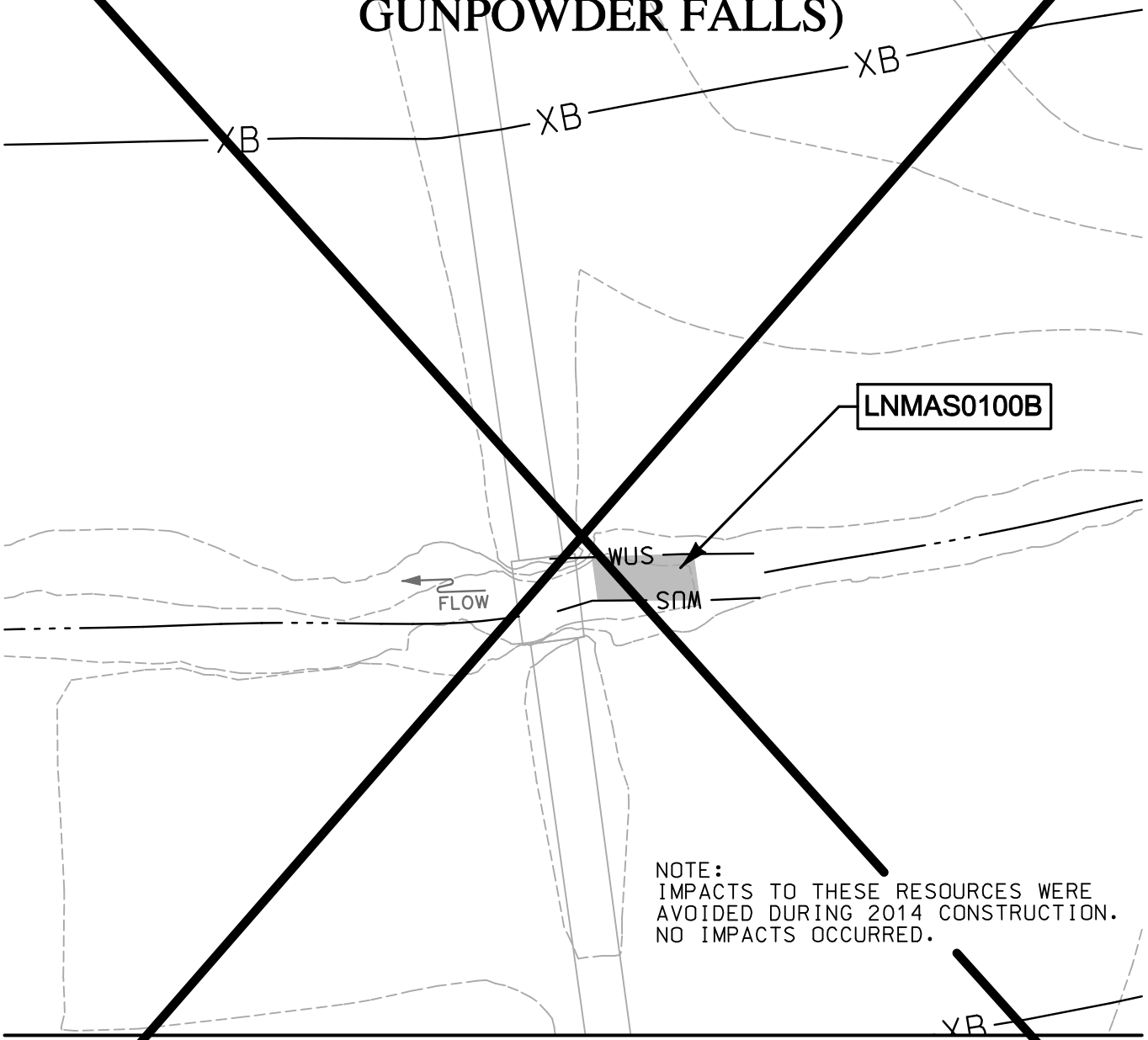


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DATE: REVISED
MAY 2015
SCALE:
1" = 40'
DRAWN BY:
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**LINE MB EXTENSION PROJECT
COLUMBIA GAS TRANSMISSION, LLC
1700 MacCORKLE AVE, SE
CHARLESTON, WV 25314
MDE PERMIT #12-NT-0433/ TRACKING #201261660
IMPACT 55C - HDD**

IMPACT 55D - HDD (IMPACT ELIMINATED VIA HDD) (ASSOCIATED WITH LITTLE GUNPOWDER FALLS)



NOTE:
IMPACTS TO THESE RESOURCES WERE
AVOIDED DURING 2014 CONSTRUCTION.
NO IMPACTS OCCURRED.

MATCHLINE (SEE IMPACT 55C)

TEMPORARY WATERS
OF U.S. IMPACT
280 SF. / 0.006 AC. / 25 LF.

FLOODPLAIN IMPACT THIS
SHEET: 7,210 SF. / 0.17 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 78B OF 90

PLOTTED: "12:43 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849.dwg\Drawings\IMPACT_PLATES\HDD_IMPACT_PLATE_SET\78B-Plate-LINE_MB-impact55-D.dgn

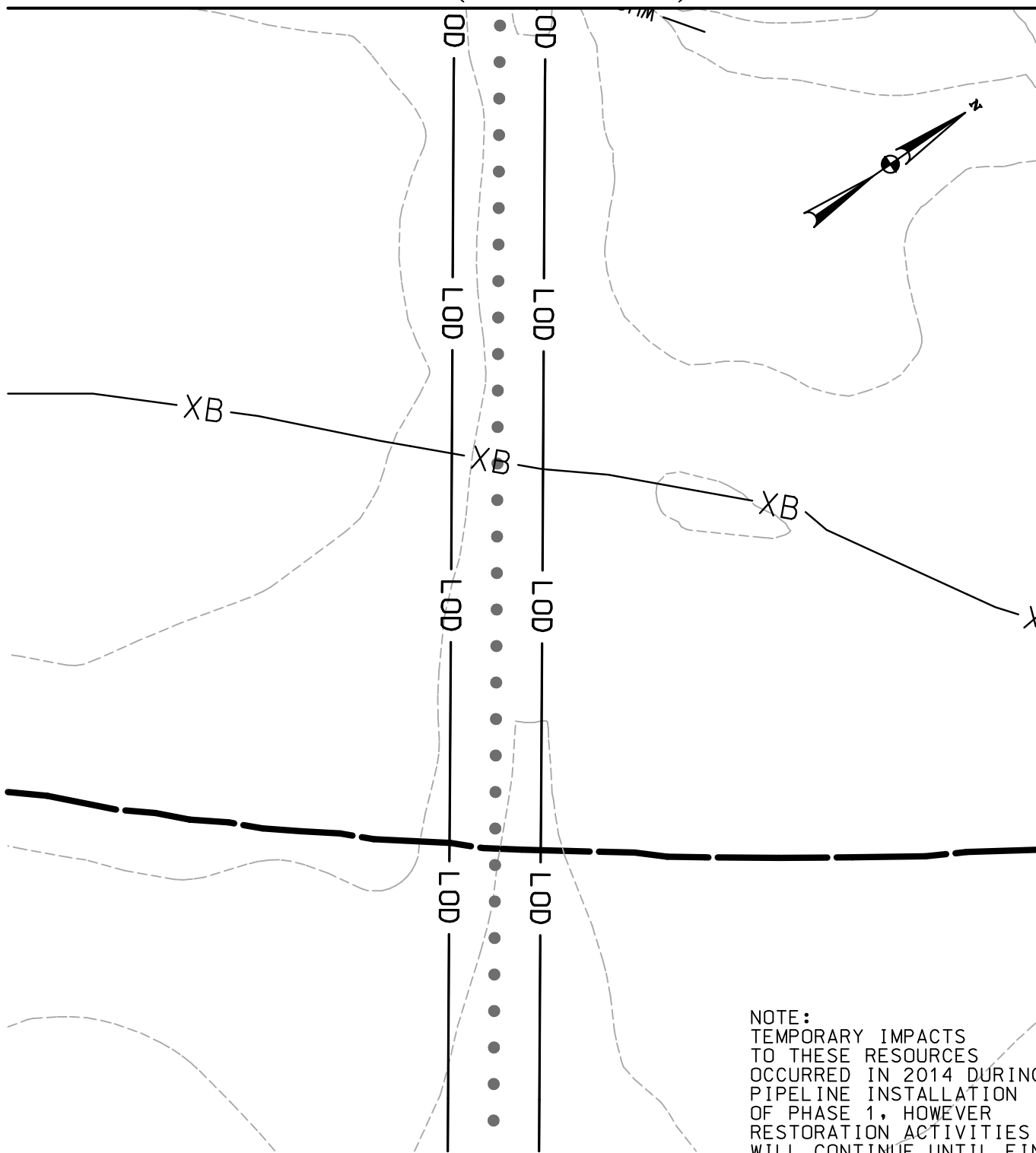


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DATE: REVISED
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 SCALE:
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 DRAWN BY:
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LINE MB EXTENSION PROJECT
COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660
IMPACT 55D - HDD

MATCHLINE (SEE IMPACT 55F)



NOTE:
 TEMPORARY IMPACTS
 TO THESE RESOURCES
 OCCURRED IN 2014 DURING
 PIPELINE INSTALLATION
 OF PHASE 1, HOWEVER
 RESTORATION ACTIVITIES
 WILL CONTINUE UNTIL FINAL
 RESTORATION IS ACHIEVED.

NOTE: FLOODPLAIN IMPACTS ONLY ON THIS SHEET.
 FLOODPLAIN IMPACT THIS SHEET: 5,736 SF. / 0.13 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 78C OF 90

PLOTTED: "12:43 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATES\HDD_IMPACT_PLATE_SET\78C-Plate-LINE_MB-impact55-E.dgn



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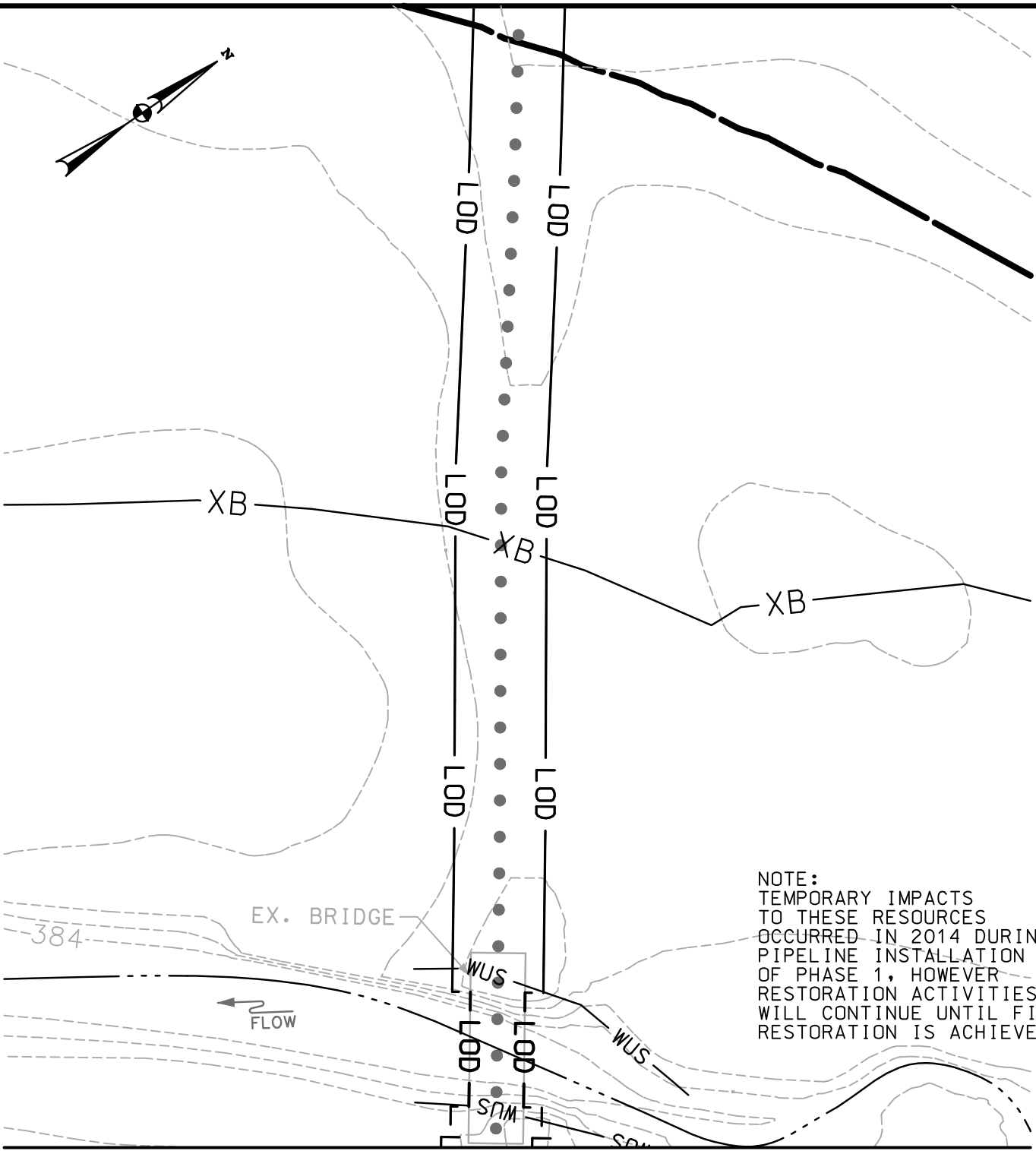
936 RIDGEBROOK ROAD
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 MAY 2015

SCALE:
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 COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660
IMPACT 55E



NOTE:
 TEMPORARY IMPACTS
 TO THESE RESOURCES
 OCCURRED IN 2014 DURING
 PIPELINE INSTALLATION
 OF PHASE 1, HOWEVER
 RESTORATION ACTIVITIES
 WILL CONTINUE UNTIL FINAL
 RESTORATION IS ACHIEVED.

MATCHLINE (SEE IMPACT 55E)

NOTE: FLOODPLAIN IMPACTS ONLY ON THIS SHEET.
 FLOODPLAIN IMPACT THIS SHEET: 7,272 SF. / 0.17 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 780 OF 90

PLOTTED: "12:43 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849.drawing\IMPACT_PLATES\HDD_IMPACT_PLATE_SET\780D-Plate-LINE_MB-impact55-F.dgn

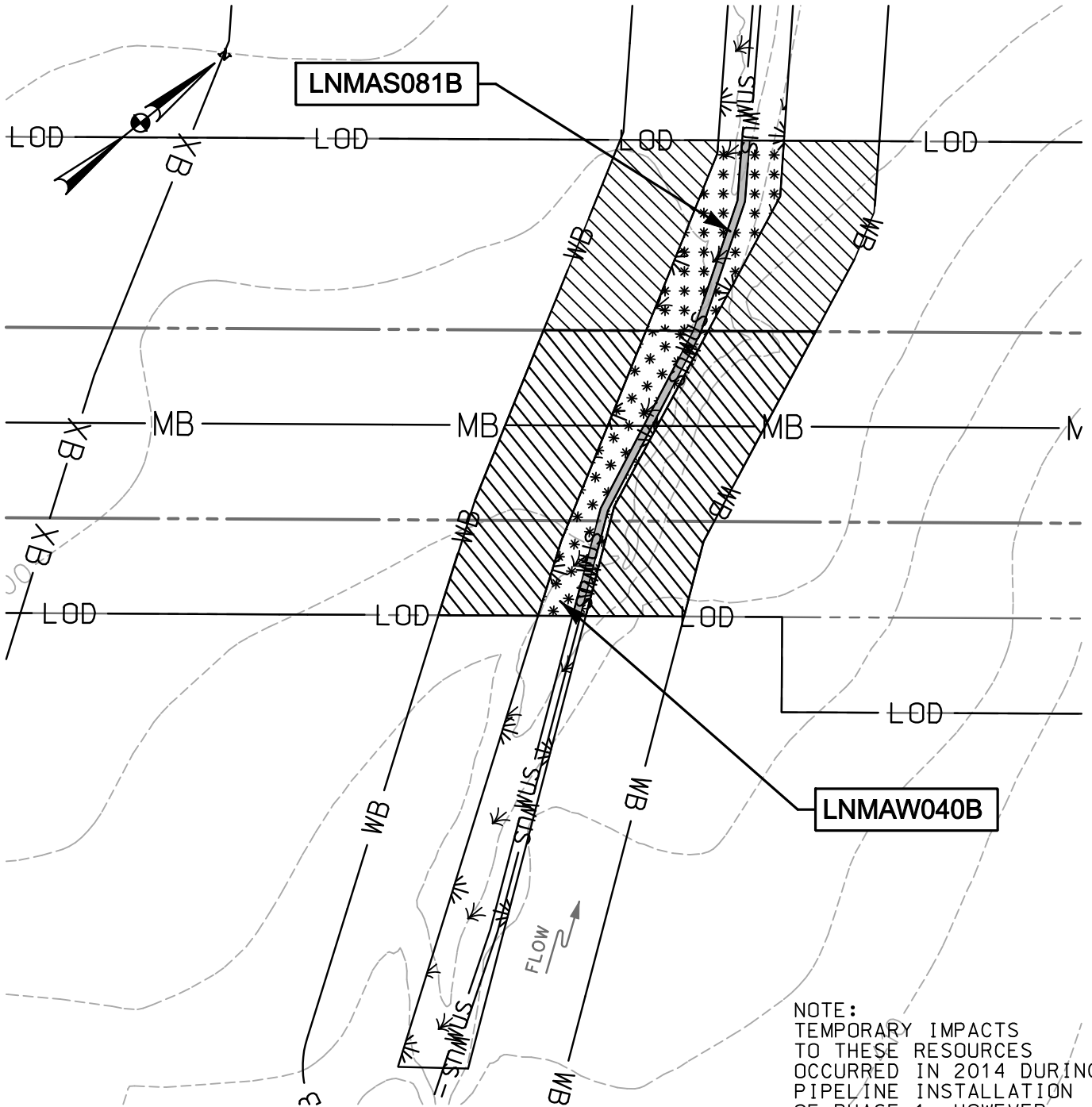


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DATE: REVISED
 MAY 2015
 SCALE:
 1" = 40'
 DRAWN BY:
 CSD

LINE MB EXTENSION PROJECT
COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660
IMPACT 55F

PLOTTED: '12:43 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel\Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATES\HDD_IMPACT_PLATE_SET\79-Plate-LINE_MB-HC_impact56.dgn



NOTE:
 TEMPORARY IMPACTS
 TO THESE RESOURCES
 OCCURRED IN 2014 DURING
 PIPELINE INSTALLATION
 OF PHASE 1, HOWEVER
 RESTORATION ACTIVITIES
 WILL CONTINUE UNTIL FINAL
 RESTORATION IS ACHIEVED.

 TEMPORARY WATERS
 OF U.S. IMPACT
 269 SF./ 0.006 AC. / 134 LF.

 TEMPORARY NON-TIDAL
 PEM WETLAND IMPACT
 1,617 SF./ 0.04 AC.

 TEMPORARY 25' NON-TIDAL
 WETLAND BUFFER IMPACT
 6,761 SF./ 0.16 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 79 OF 90



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DATE: REVISED
 MAY 2015

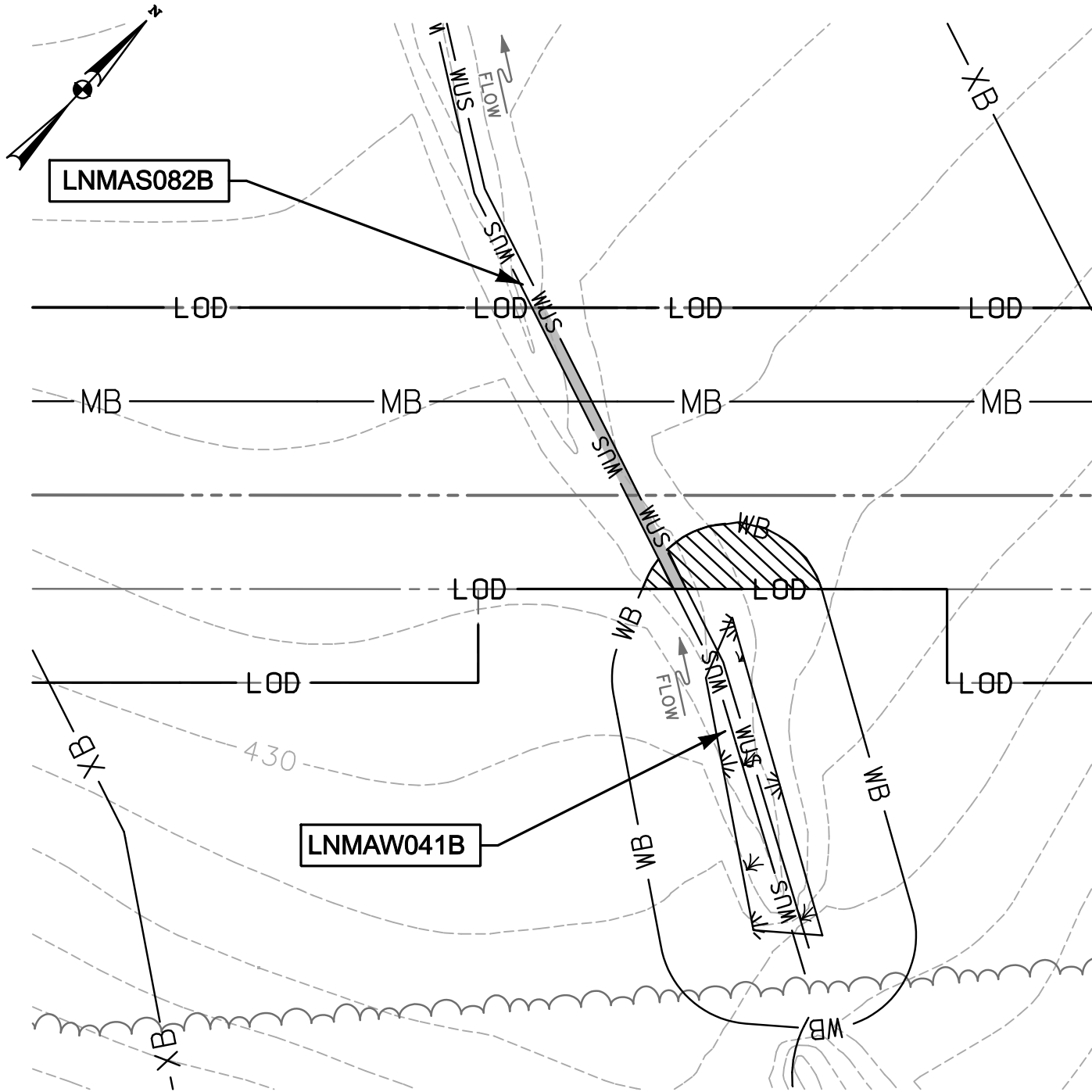
SCALE:
 1" = 40'

DRAWN BY:
 CSD


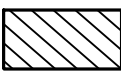
LINE MB EXTENSION PROJECT
 COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 56

LNMA081B; LNMAW040B



NOTE:
 TEMPORARY IMPACTS
 TO THESE RESOURCES
 OCCURRED IN 2014 DURING
 PIPELINE INSTALLATION
 OF PHASE 1, HOWEVER
 RESTORATION ACTIVITIES
 WILL CONTINUE UNTIL FINAL
 RESTORATION IS ACHIEVED.

-  TEMPORARY WATERS
 OF U.S. IMPACT
 252 SF./ 0.006 AC./ 84 LF.
-  TEMPORARY 25' NON-TIDAL
 WETLAND BUFFER IMPACT
 581 SF./ 0.01 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 80 OF 90

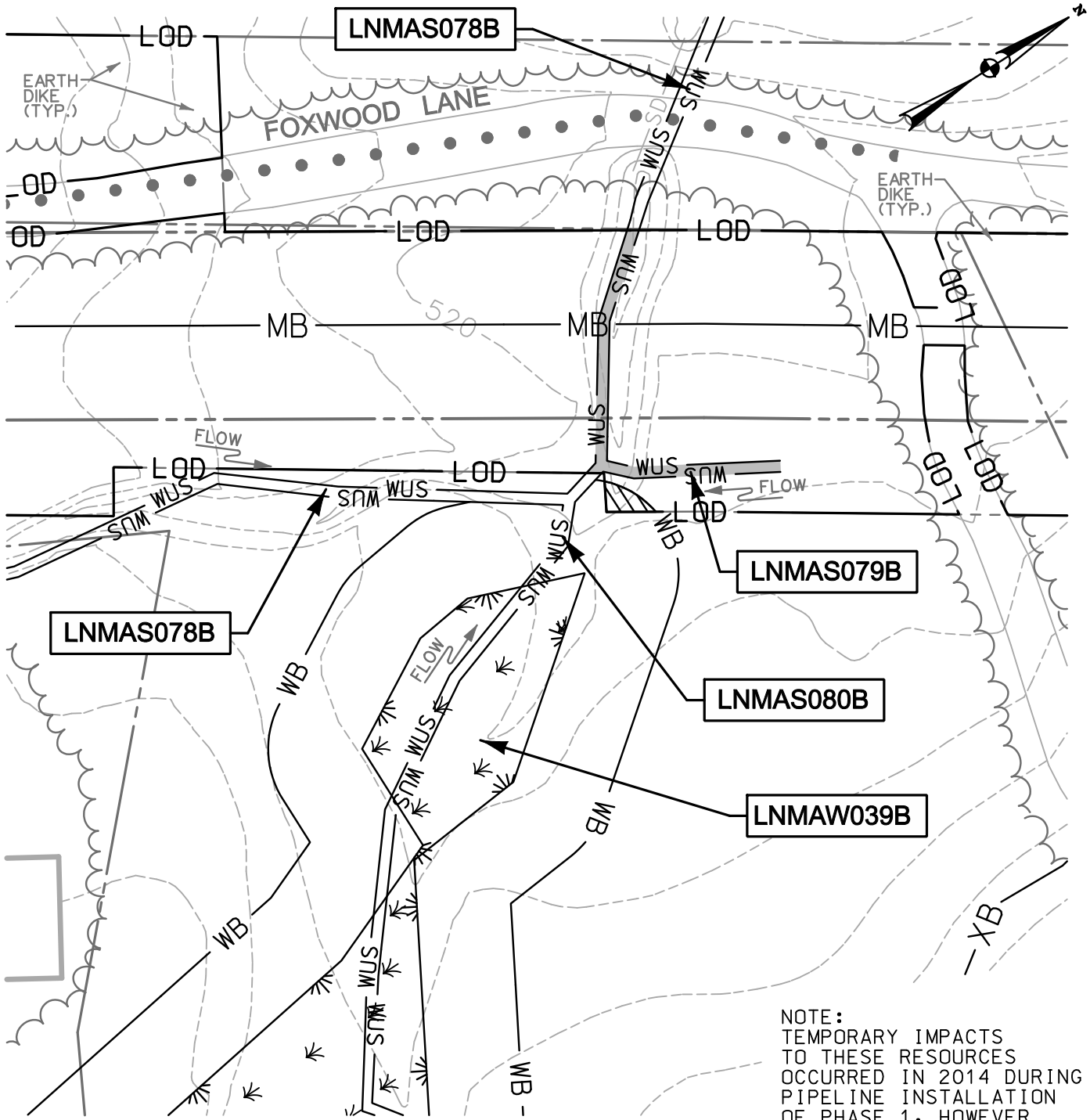
PLOTTED: "12:43 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATES\HDD_IMPACT_PLATE_SET\80-Plate-LINE_MB-HC_impact57.dgn




ENGINEERS
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SCIENTISTS
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 936 RIDGEBROOK ROAD
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 TELEPHONE: (410) 316-7800
 FAX: (410) 316-7818


DATE: REVISED
 MAY 2015
 SCALE:
 1" = 40'
 DRAWN BY:
 CSD

LINE MB EXTENSION PROJECT
COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660
IMPACT 57
 LNMAW082B; LNMAW041B



NOTE:
 TEMPORARY IMPACTS
 TO THESE RESOURCES
 OCCURRED IN 2014 DURING
 PIPELINE INSTALLATION
 OF PHASE 1, HOWEVER
 RESTORATION ACTIVITIES
 WILL CONTINUE UNTIL FINAL
 RESTORATION IS ACHIEVED.

 TEMPORARY WATERS
 OF U.S. IMPACT
 339 SF./ 0.008 AC./ 113 LF.

 TEMPORARY 25' NON-TIDAL
 WETLAND BUFFER IMPACT
 67 SF./ 0.002 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 81 OF 90

PLOTTED: 11:24:43 PM on Wednesday, May 27, 2015
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DATE: REVISED
 MAY 2015

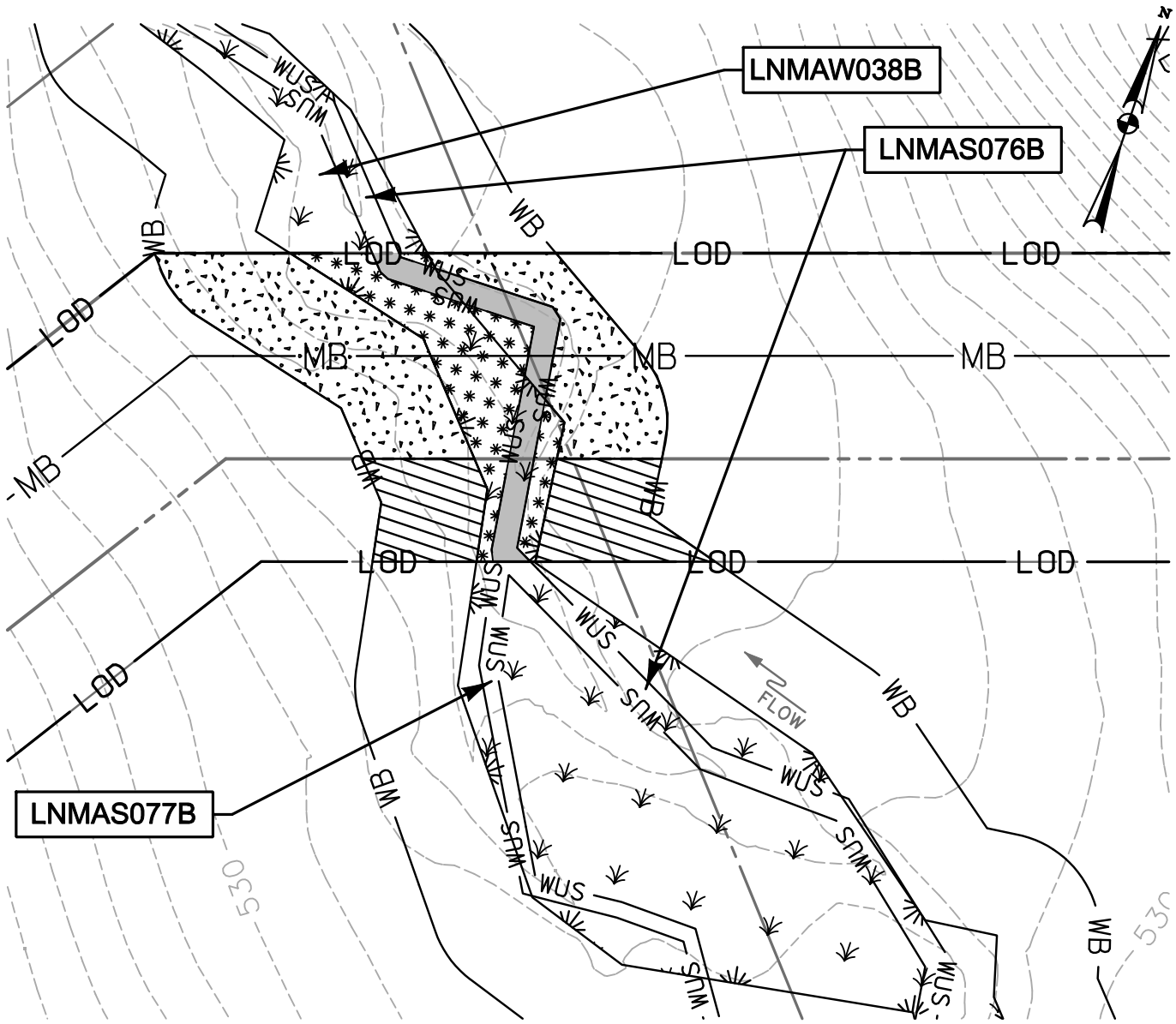
SCALE:
 1" = 40'

DRAWN BY:
 CSD


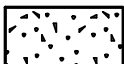
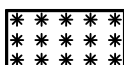

LINE MB EXTENSION PROJECT
 COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 58

LNMA078B; LNMA079B; LNMAW039B



NOTE:
 TEMPORARY IMPACTS
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 OCCURRED IN 2014 DURING
 PIPELINE INSTALLATION
 OF PHASE 1, HOWEVER
 RESTORATION ACTIVITIES
 WILL CONTINUE UNTIL FINAL
 RESTORATION IS ACHIEVED.

- | | | | |
|---|--|---|---|
|  | TEMPORARY WATERS
OF U.S. IMPACT
627 SF./ 0.01 AC./ 105 LF. |  | PERMANENT 25' NON-TIDAL
WETLAND BUFFER IMPACT
3,105 SF./ 0.07 AC. |
|  | TEMPORARY NON-TIDAL
PEM WETLAND IMPACT
1,169 SF./ 0.03 AC. |  | TEMPORARY 25' NON-TIDAL
WETLAND BUFFER IMPACT
1,388 SF./ 0.03 AC. |

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 82 OF 90

PLOTTED: 11:24:43 PM on Wednesday, May 27, 2015
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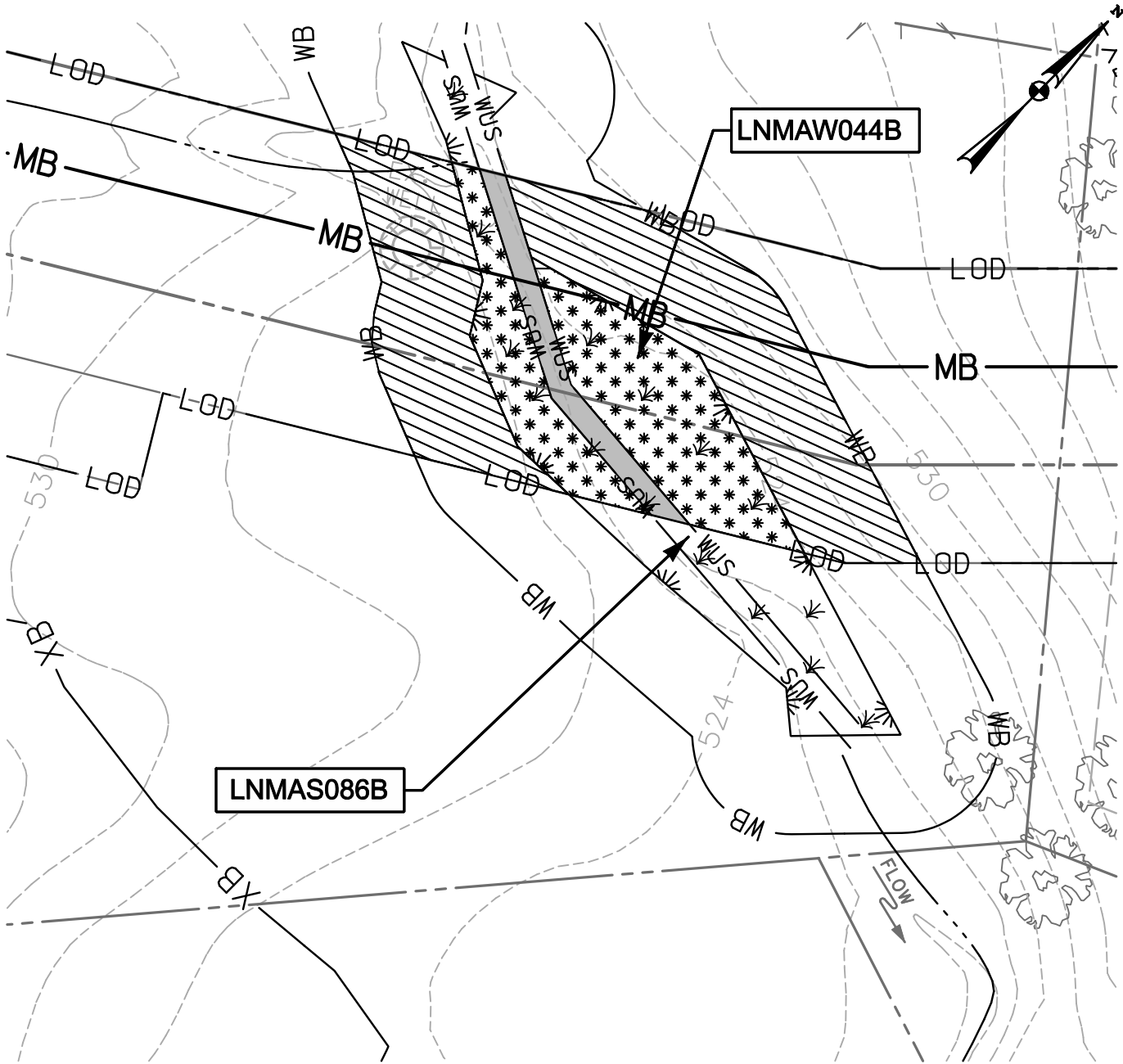
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DATE: REVISED
MAY 2015


SCALE:
1" = 40'

DRAWN BY:
CSD

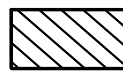
LINE MB EXTENSION PROJECT
COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660
IMPACT 59
 LNMAW076B; LNMAW038B



NOTE:
 TEMPORARY IMPACTS
 TO THESE RESOURCES
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 PIPELINE INSTALLATION
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 TEMPORARY WATERS
 OF U.S. IMPACT
 595 SF./ 0.01 AC./ 100 LF.

 TEMPORARY NON-TIDAL
 PEM WETLAND IMPACT
 2,986 SF./ 0.07 AC.

 TEMPORARY 25' NON-TIDAL
 WETLAND BUFFER IMPACT
 5,369 SF./ 0.12 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 83 OF 90

PLOTTED: 11:24:43 PM on Wednesday, May 27, 2015
 BY: Christopher Deibel/Division: P050 Natural Res Emp
 FILE: M:\2012\16121849\drawings\IMPACT_PLATES\HDD_IMPACT_PLATE_SET\83-Plate-LINE_MB-HC_impact60.dgn



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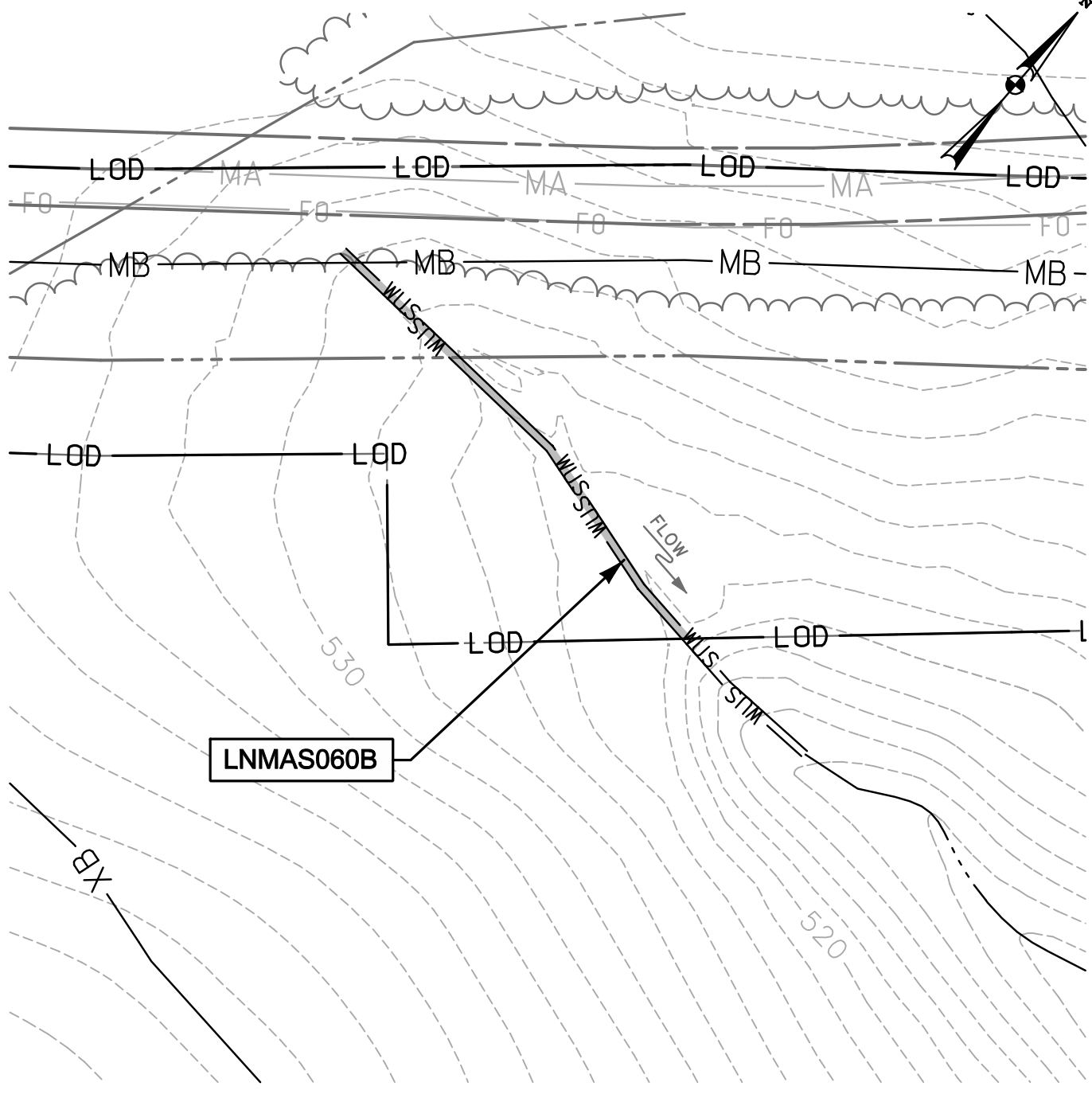
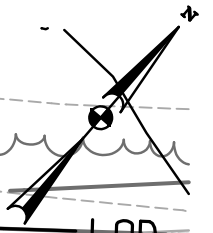
DATE: REVISED
 MAY 2015

SCALE:
 1" = 40'

DRAWN BY:
 CSD

LINE MB EXTENSION PROJECT
COLUMBIA GAS TRANSMISSION, LLC
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 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 60
 LNMAW044B; LNMAW086B



NOTE:
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 RESTORATION IS ACHIEVED.



TEMPORARY WATERS
 OF U.S. IMPACT
 274 SF./ 0.007 AC./ 136 LF.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 84 OF 90

PLOTTED: "12:43 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
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DATE: REVISED MAY 2015
SCALE: 1" = 40'
DRAWN BY: CSD

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COLUMBIA GAS TRANSMISSION, LLC
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 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660
IMPACT 61
 LNMAS060B