

SHEET 0 OF 90

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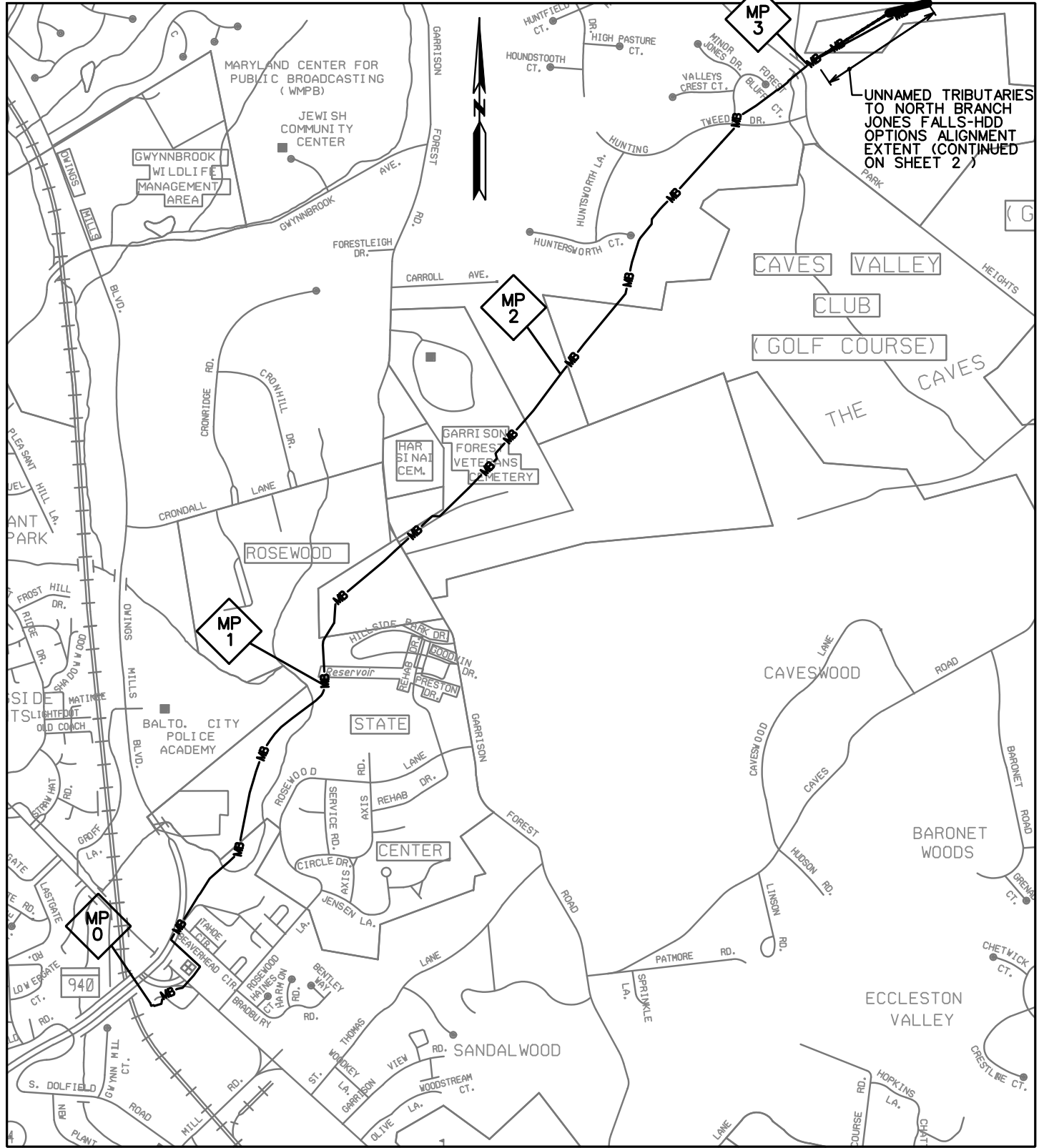
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LINE MB EXTENSION PROJECT
COLUMBIA GAS TRANSMISSION, LLC
 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660
OVERALL VICINITY MAP

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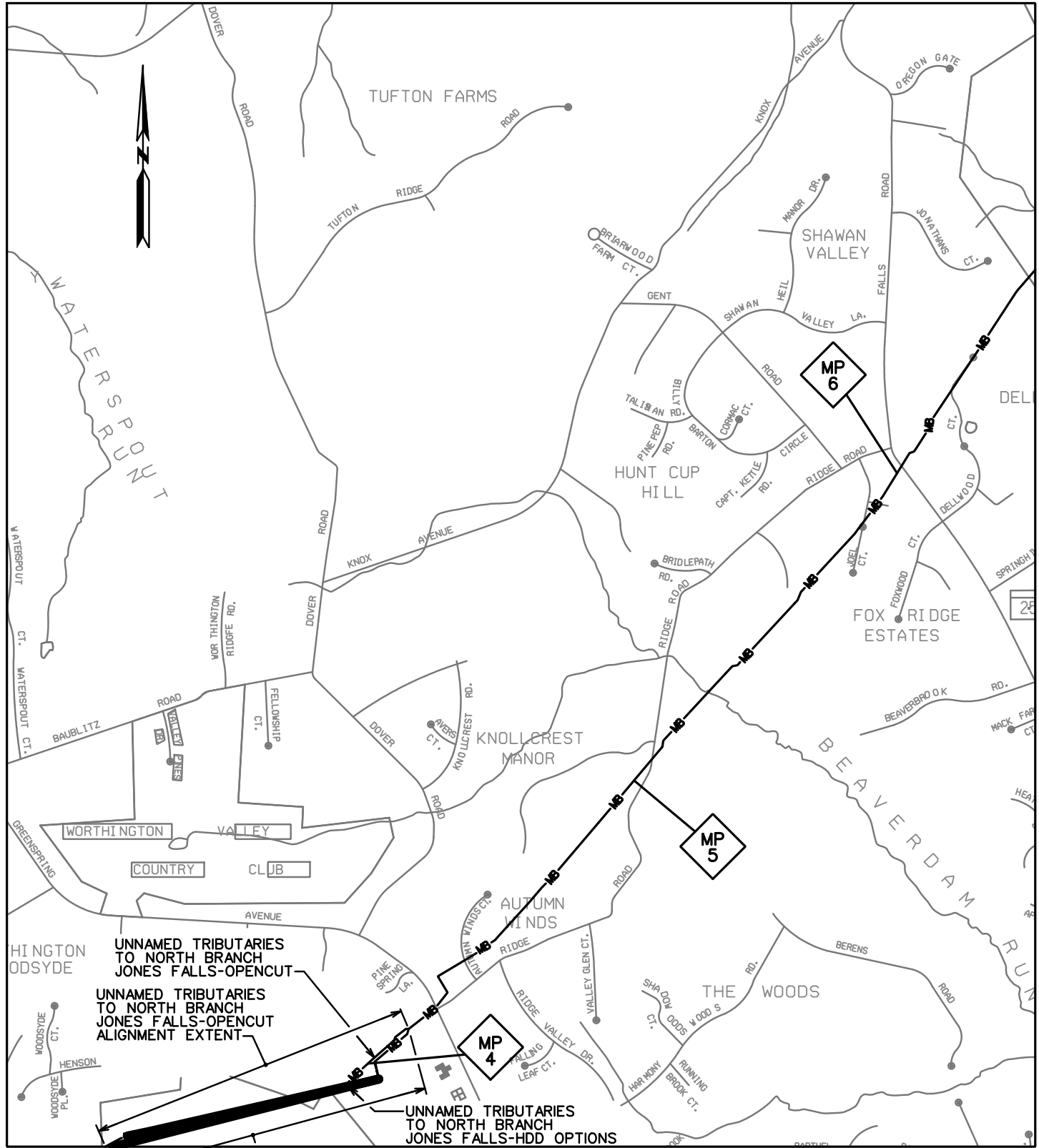
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VICINITY MAP 1

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UNNAMED TRIBUTARIES
 TO NORTH BRANCH
 JONES FALLS-OPENCUT
 ALIGNMENT EXTENT

UNNAMED TRIBUTARIES
 TO NORTH BRANCH
 JONES FALLS-OPENCUT
 ALIGNMENT EXTENT

UNNAMED TRIBUTARIES
 TO NORTH BRANCH
 JONES FALLS-HDD OPTIONS
 ALIGNMENT EXTENT

UNNAMED TRIBUTARIES TO NORTH BRANCH
 JONES FALLS-HDD OPTIONS
 ALIGNMENT EXTENT (CONTINUED ON SHEET 1)

SHEET 2 OF 90



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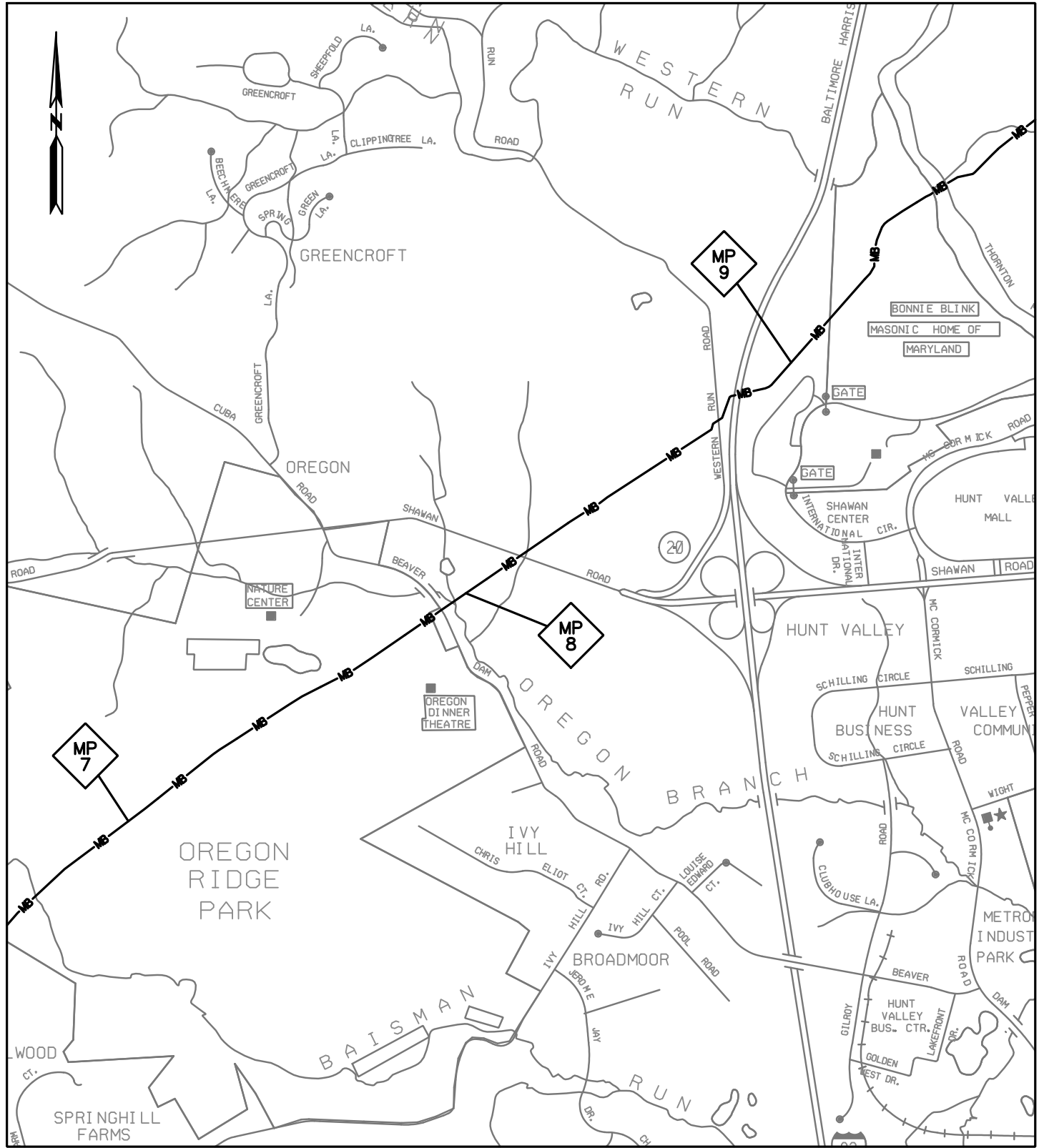
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VICINITY MAP 2

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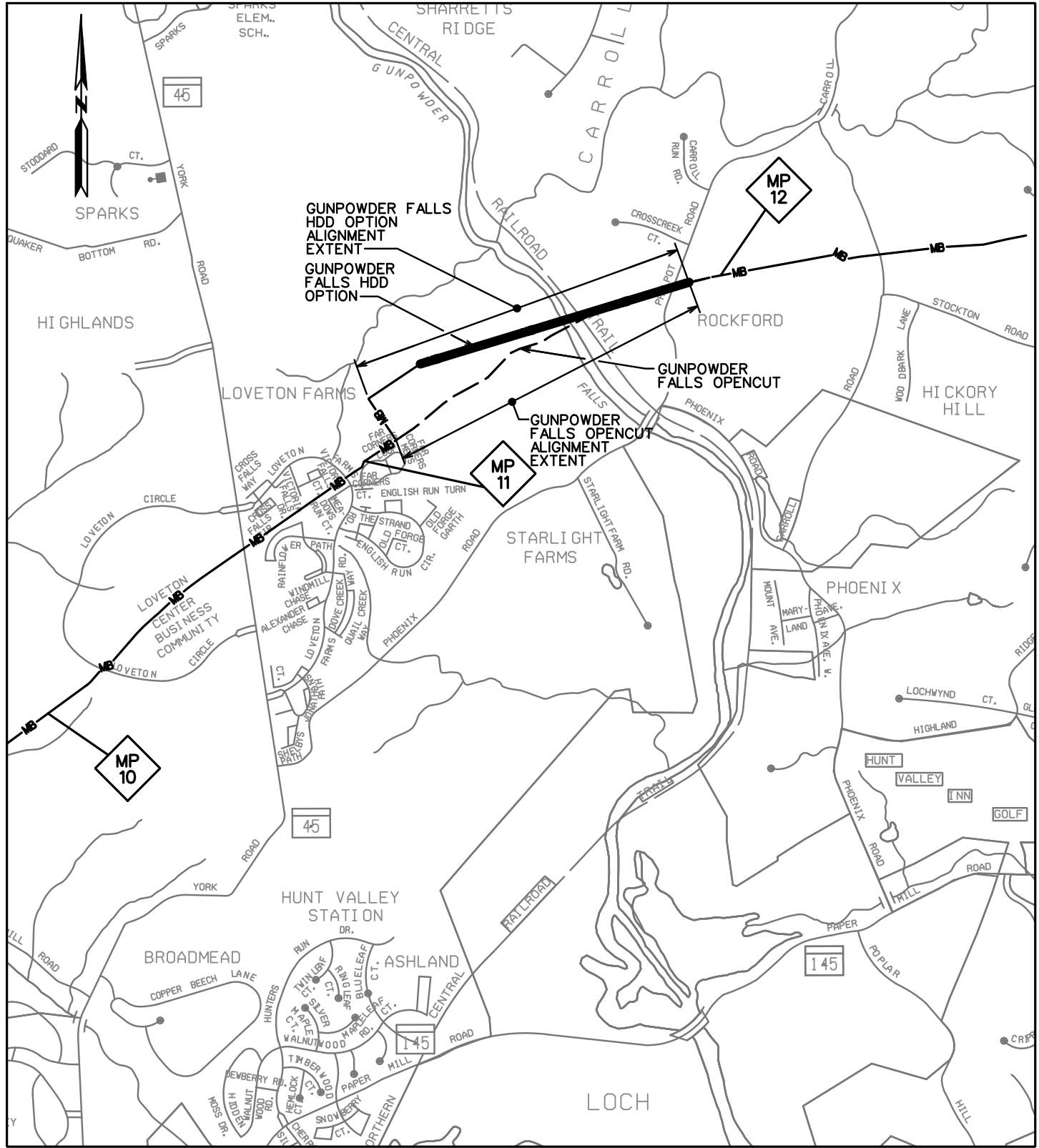


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VICINITY MAP 3

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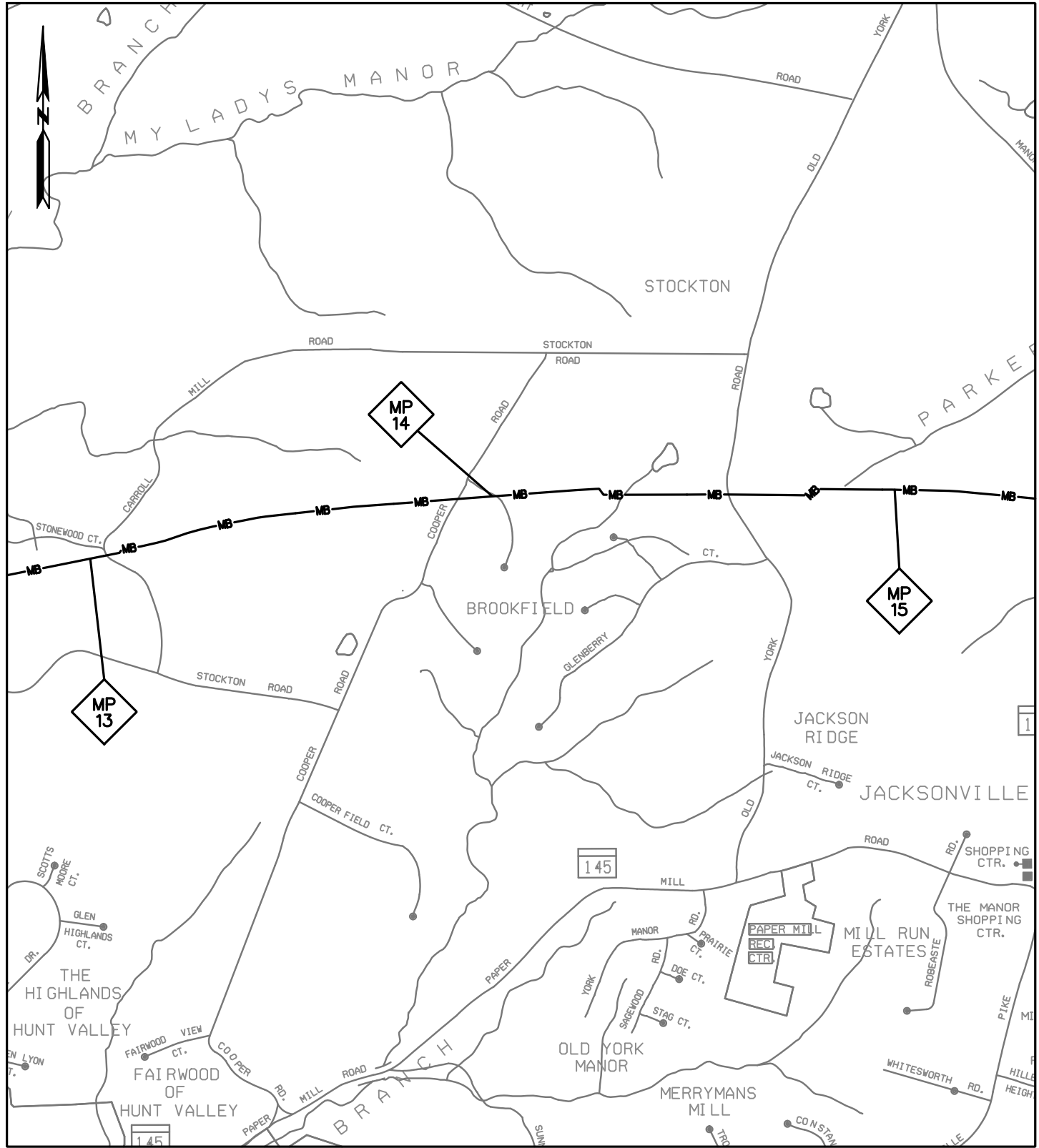


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VICINITY MAP 4

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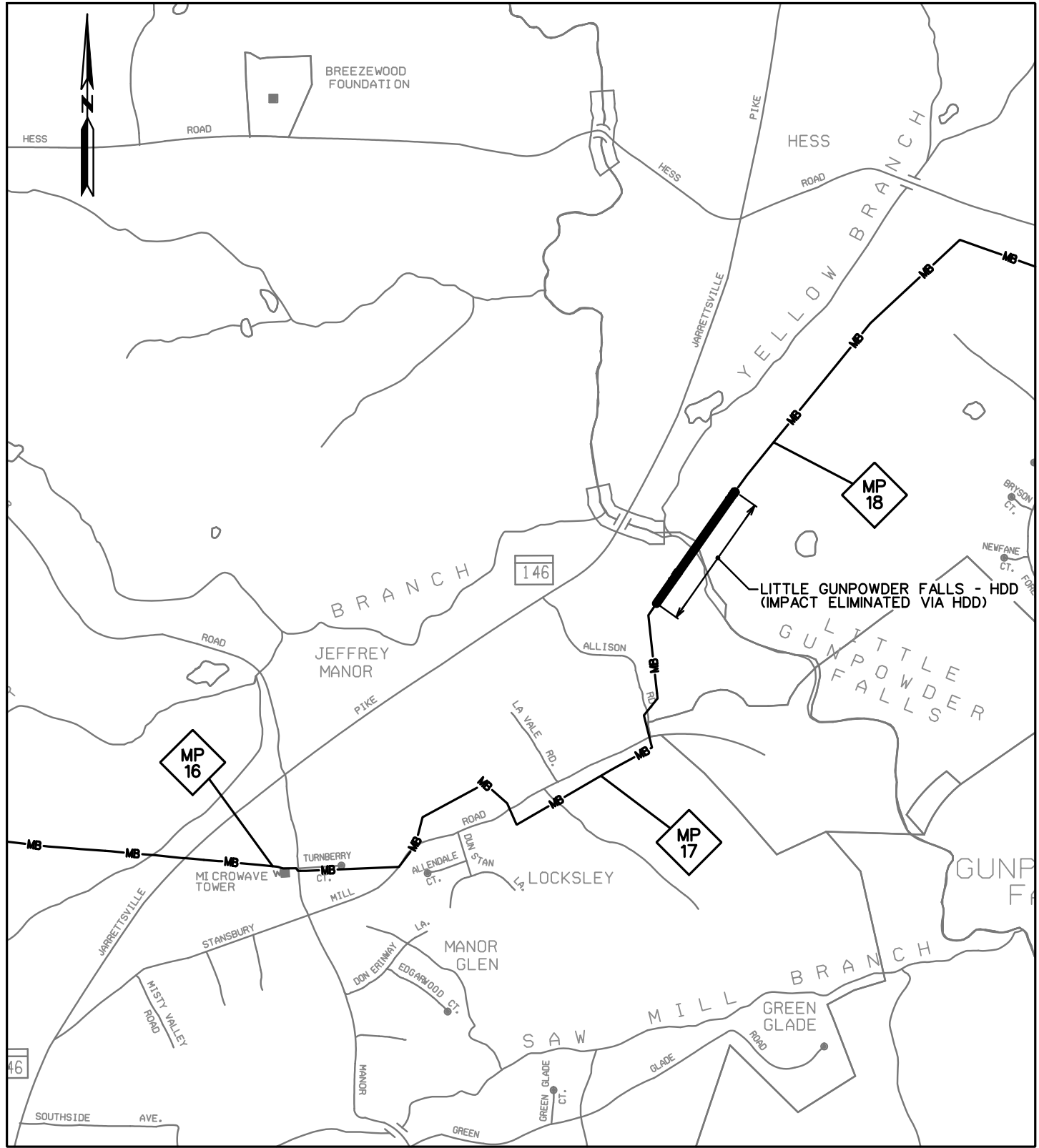


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VICINITY MAP 5

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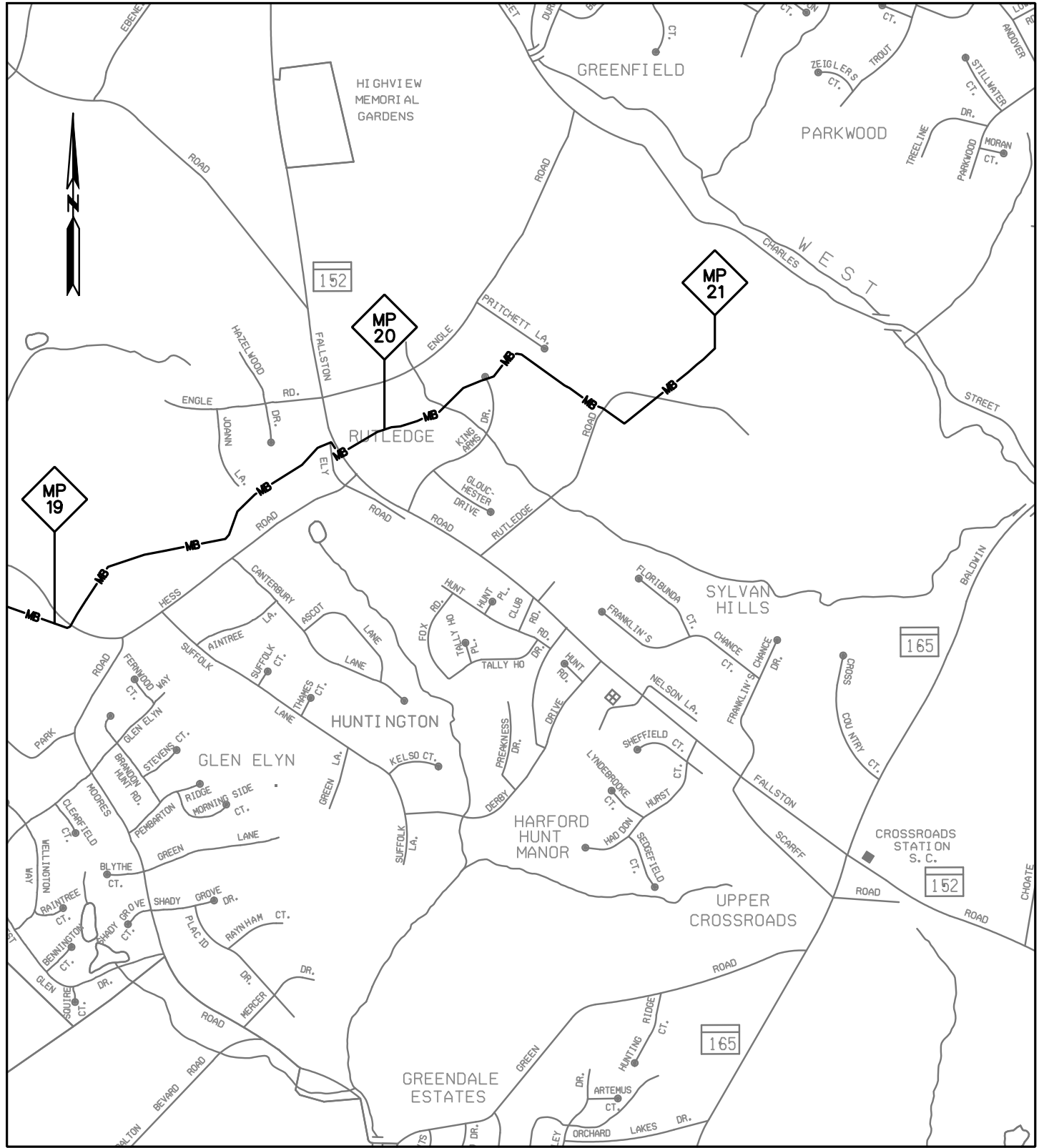
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VICINITY MAP 6

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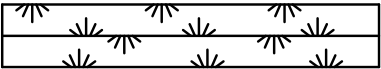
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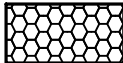
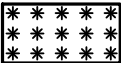

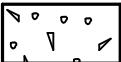
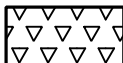

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VICINITY MAP 7

LEGEND

----- 600 -----	EX. CONTOUR
_____	EX. STORM DRAIN
_____ W _____	EX. WATER LINE
_____ FO _____	EX. FIBER OPTIC LINE
_____ // _____	EX. FOREIGN PIPELINE
_____ OH _____	EX. OVERHEAD ELECTRIC
_____ E _____	EX. UNDERGROUND ELECTRIC
_____ T _____	EX. UNDERGROUND TELEPHONE
_____ MA _____	EX. LINE MA GAS LINE
	EX. WOODS LINE
	EX. TREE
— X ————— X —	EX. FENCE
————— ····· —————	EX. STREAM
————— - - - - -	PROPERTY LINE
————— —————	EX. EASEMENT
— MB ————— MB —	PROPOSED LINE MB NATURAL GAS PIPELINE
————— - - - - -	LINE MB PERMANENT RIGHT-OF-WAY
————— - - - - -	LINE MB TEMPORARY RIGHT-OF-WAY
————— - - - - -	LINE MB ADDITIONAL TEMPORARY WORKSPACE
————— - - - - -	EXISTING LINE MA RIGHT-OF-WAY
· · · · ·	PROPOSED ACCESS ROAD CENTERLINE
— X ————— X —	PROPOSED CONTRACTOR STAGING AREA
—————	100 YEAR FLOODPLAIN
————— WUS —————	FIELD DELINEATED WATERS OF THE U.S.
	NON-TIDAL WETLAND BOUNDARY AND PFO / PEM / PSS BOUNDARY
————— WB —————	25' MDE REGULATED WETLAND BUFFER
————— LOD —————	LIMIT OF DISTURBANCE

LEGEND FOR IMPACT TYPES

	TEMPORARY WATERS OF U.S. IMPACT		TEMPORARY NON-TIDAL PSS WETLAND IMPACT
	NON-TIDAL PFO WETLAND CONVERSION IMPACT		TEMPORARY NON-TIDAL PEM WETLAND IMPACT
	TEMPORARY NON-TIDAL PFO WETLAND IMPACT		PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
	NON-TIDAL PSS WETLAND CONVERSION IMPACT		TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT

SHEET 8 OF 90

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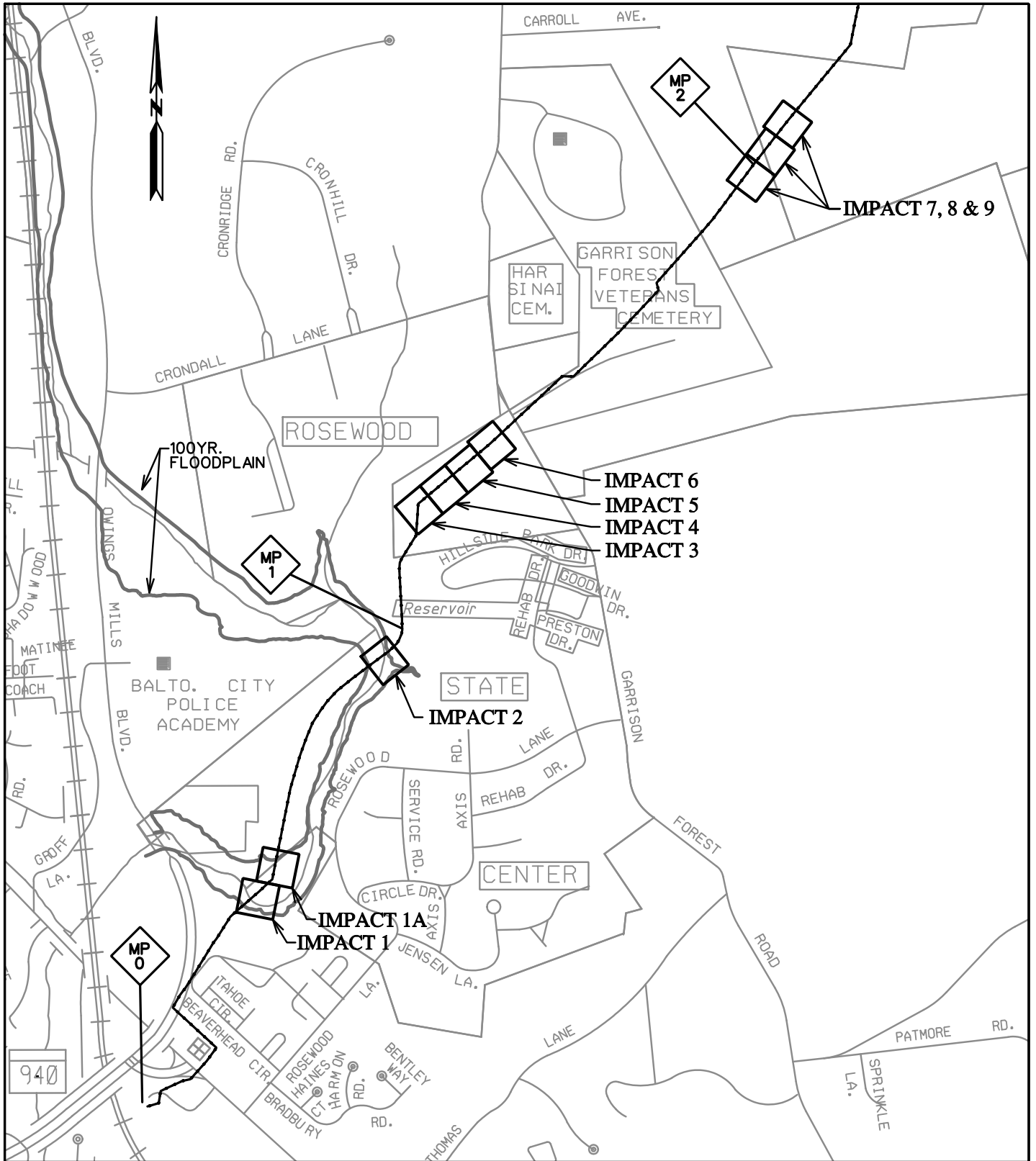


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LEGEND 1



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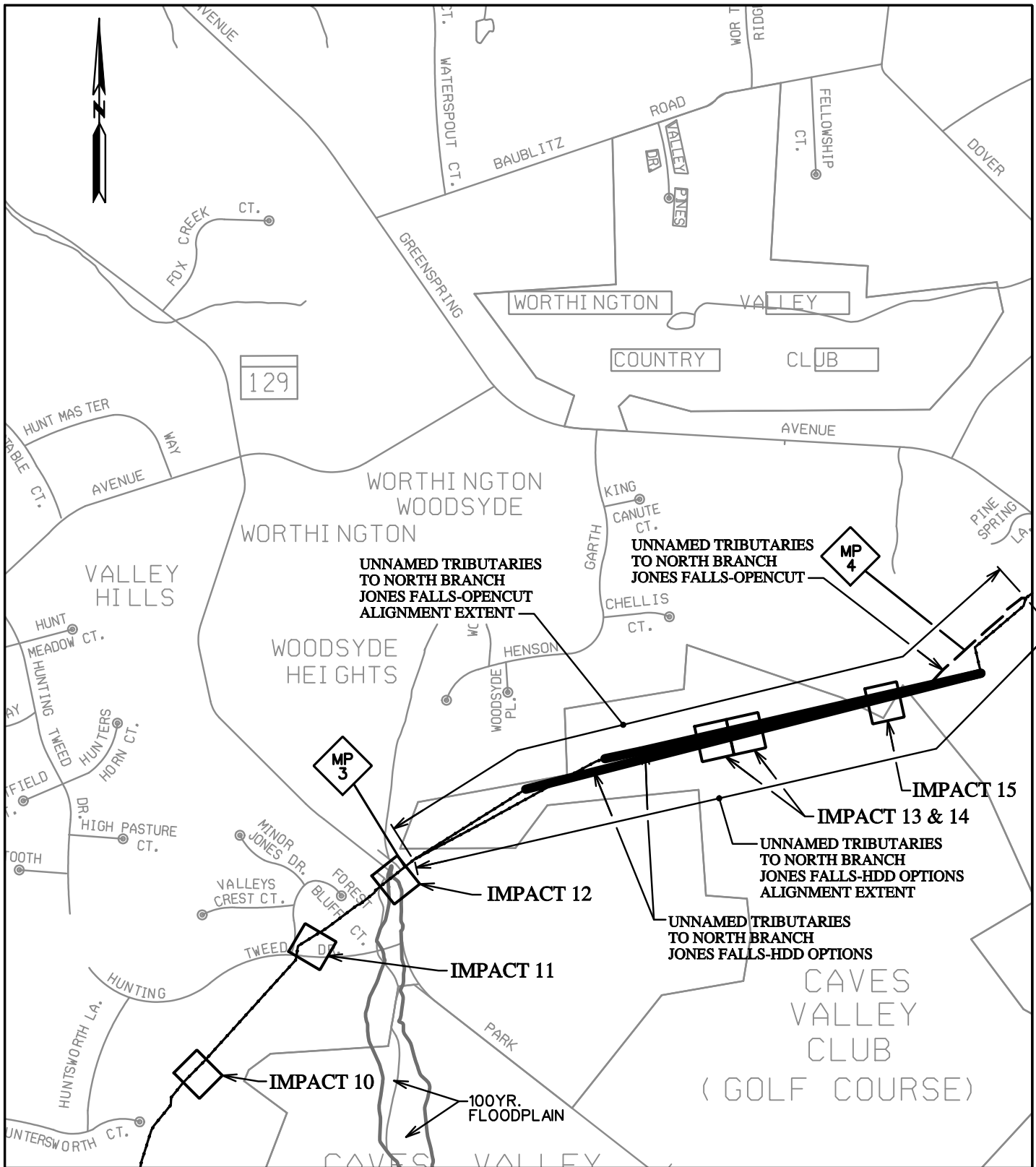
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IMPACT LOCATION MAP 1



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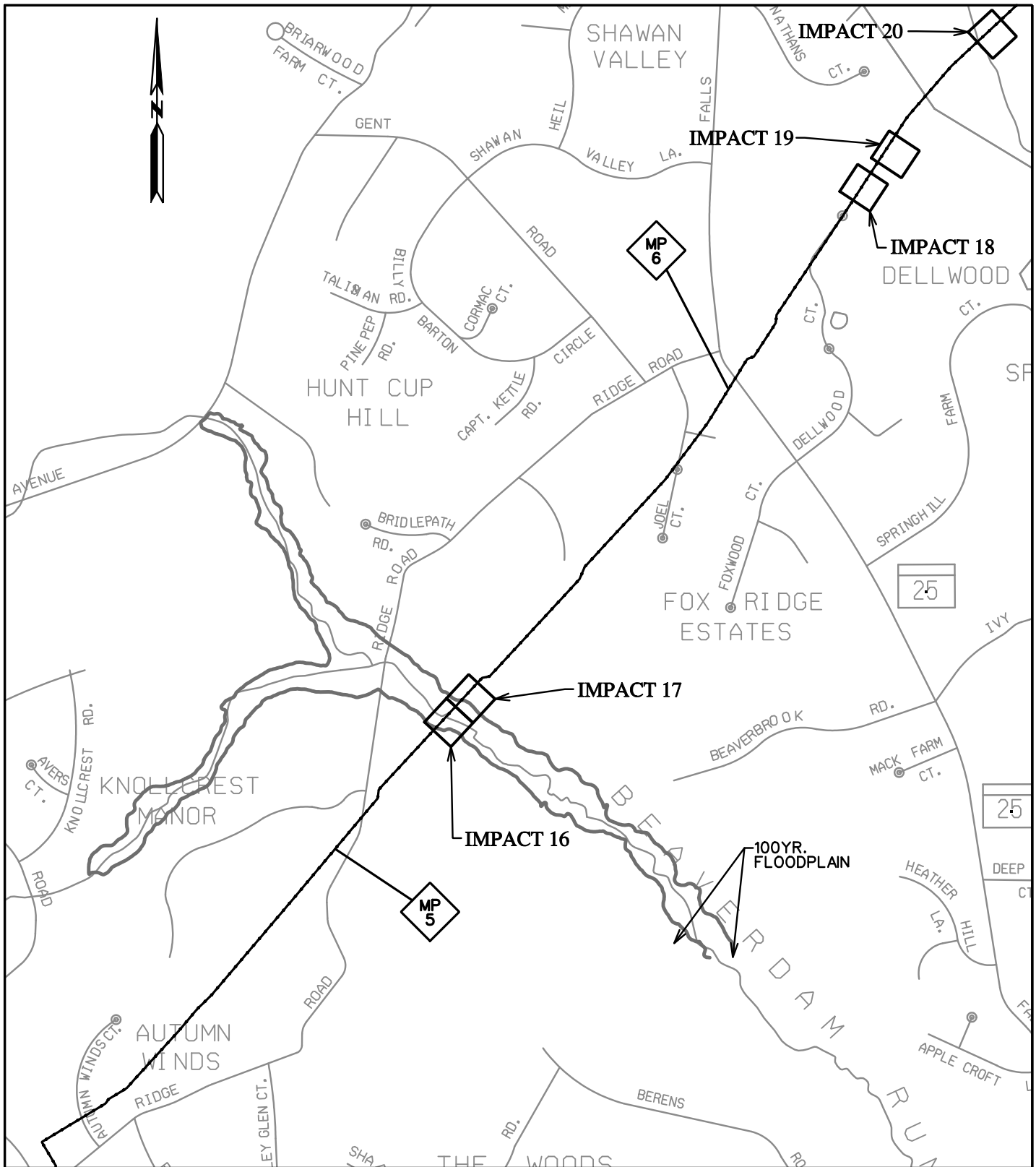


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IMPACT LOCATION MAP 2



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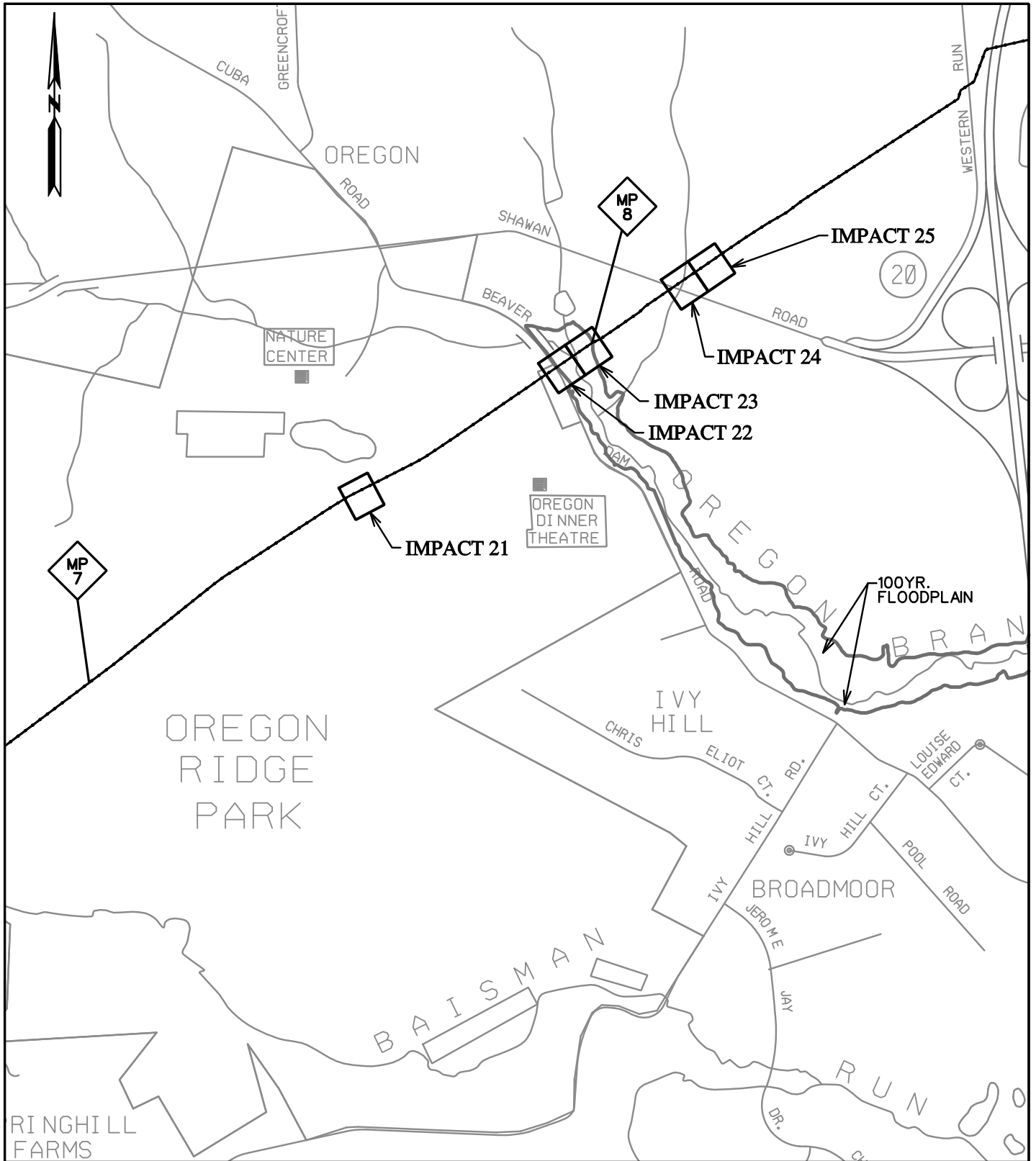
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IMPACT LOCATION MAP 3



SHEET 13 OF 90

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IMPACT LOCATION MAP 4

GUNPOWDER FALLS HDD OPTION ALIGNMENT EXTENT (CONTINUES ON SHEET 15)

IMPACT 31

MP 11

MP 10

IMPACT 29 & 30

IMPACT 26, 27 & 28

100YR. FLOODPLAIN

MP 9

BONNIE BLINK
MASONIC HOME OF
MARYLAND

HUNT VALLEY STATION

BROADMEAD

GATE

GATE

SHAWAN CENTER

HUNT VALLEY MALL

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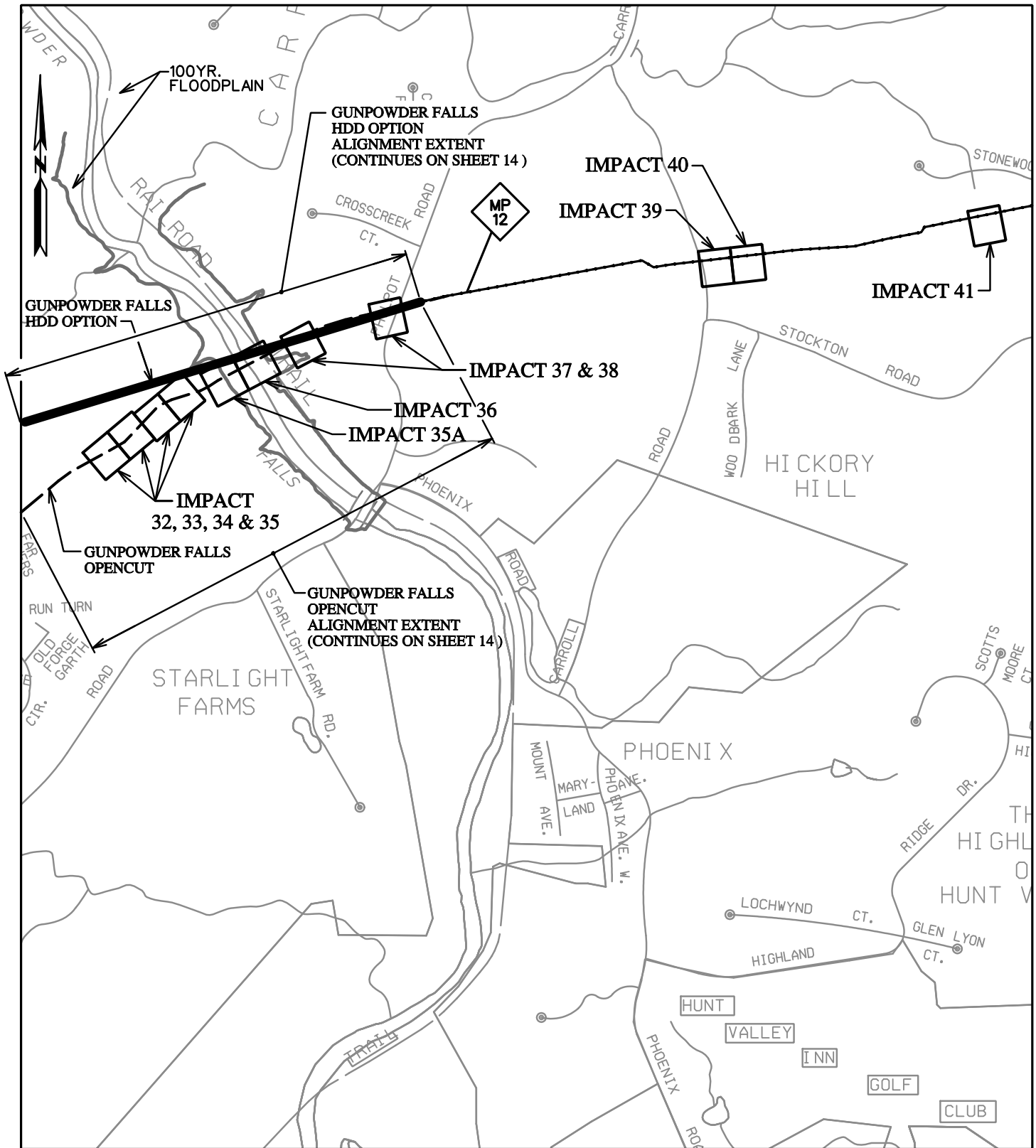


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IMPACT LOCATION MAP 5

GUNPOWDER FALLS OPENCUT ALIGNMENT EXTENT (CONTINUES ON SHEET 15)



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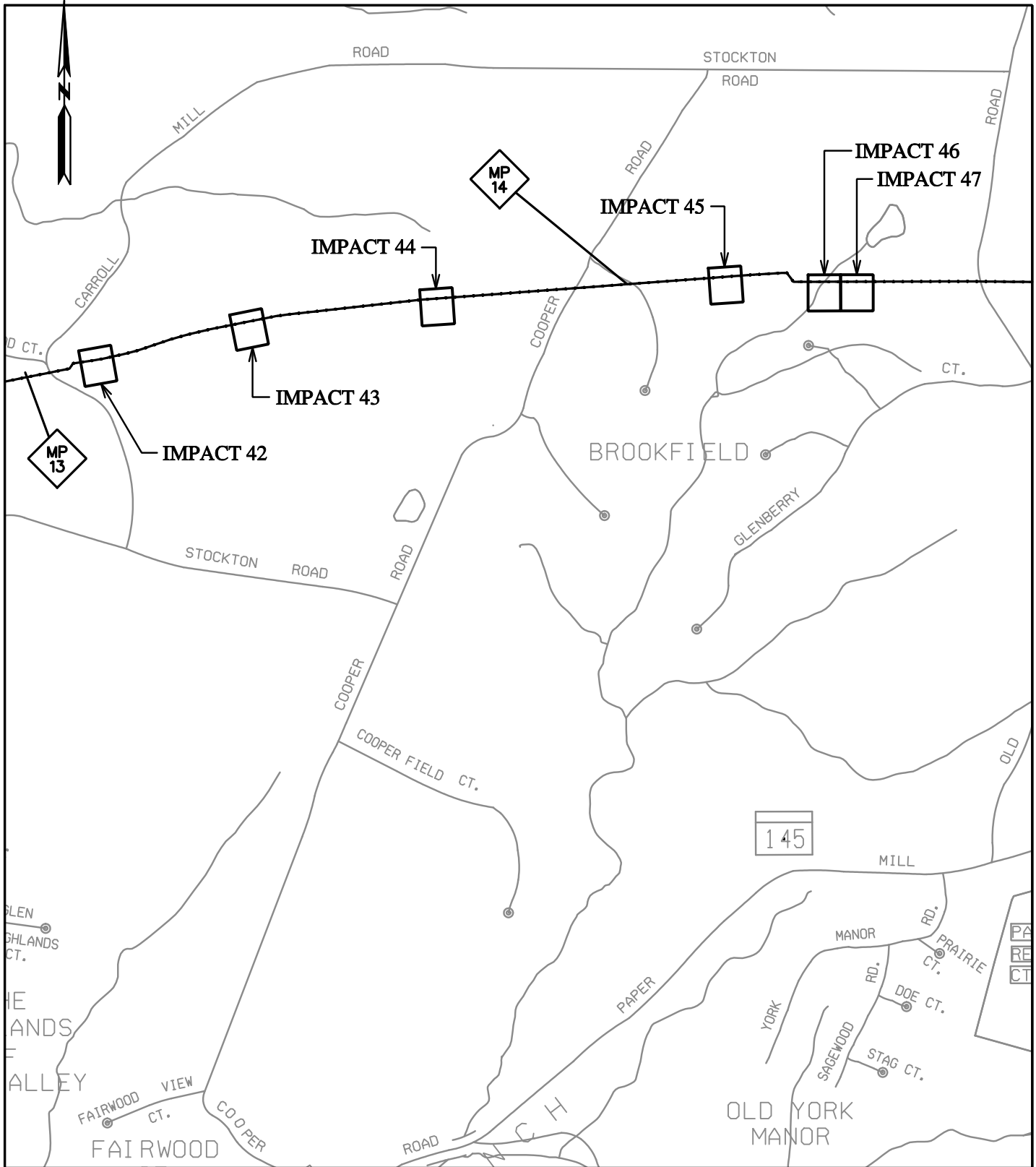
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IMPACT LOCATION MAP 6



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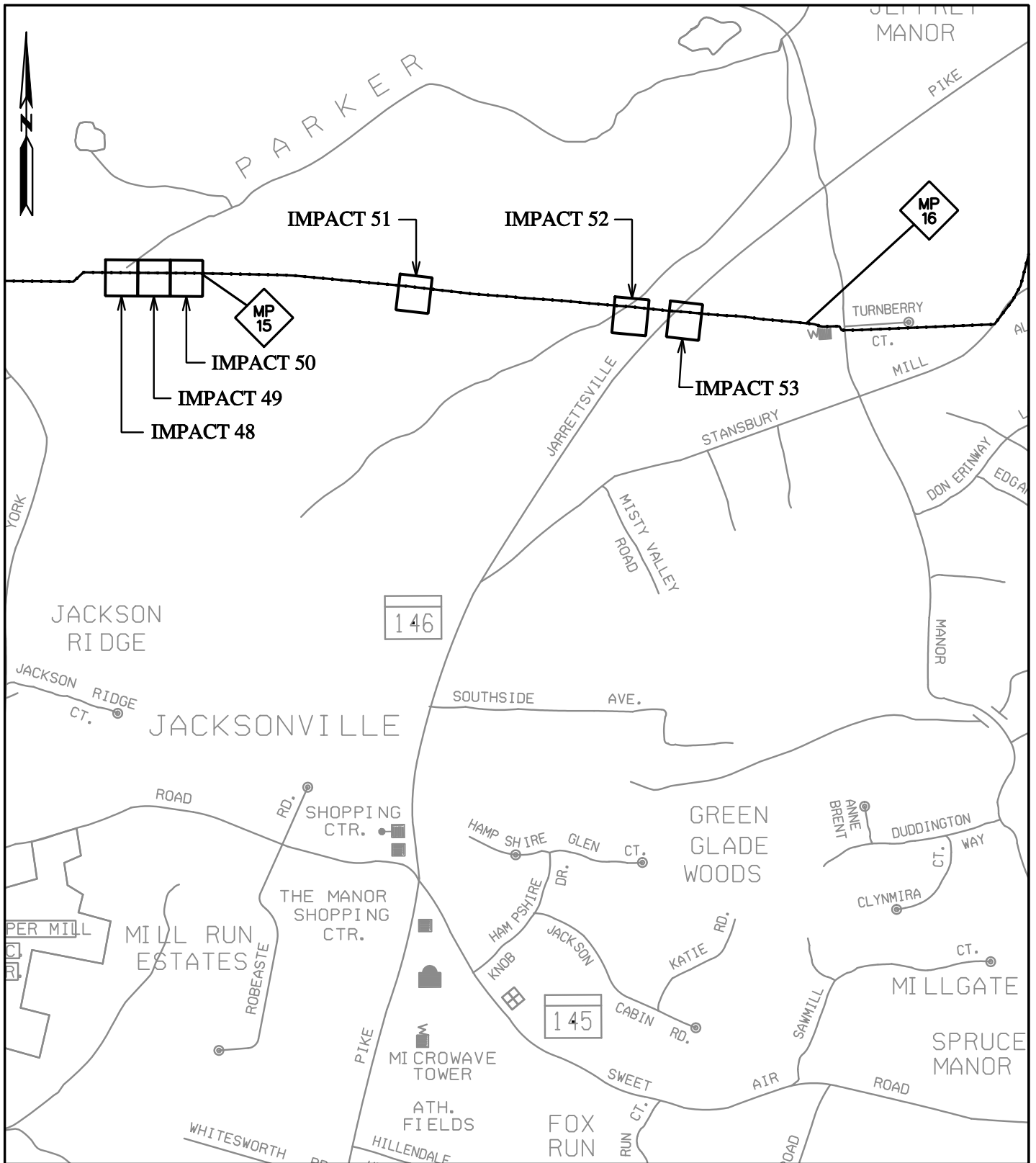
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IMPACT LOCATION MAP 7



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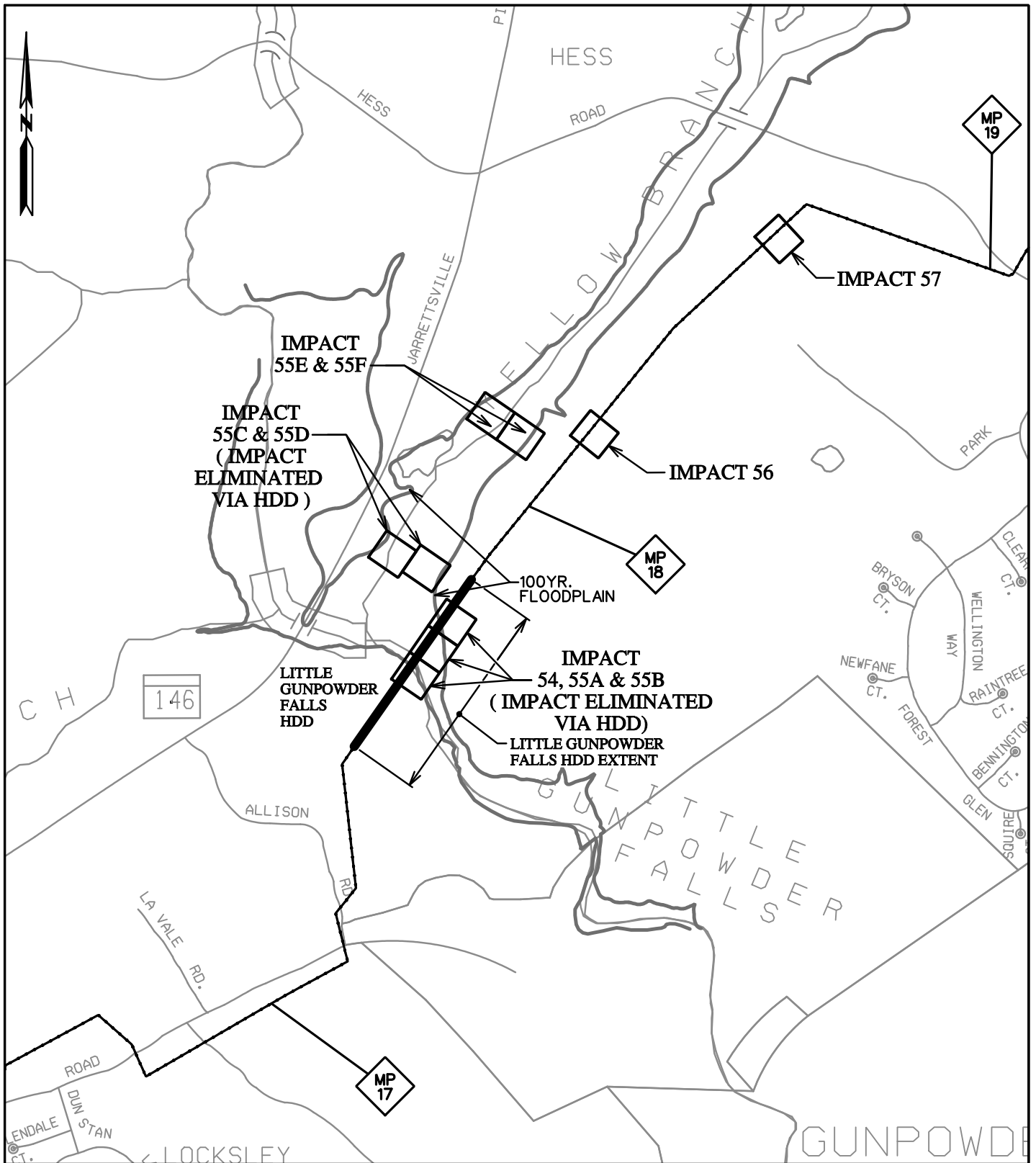
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IMPACT LOCATION MAP 8



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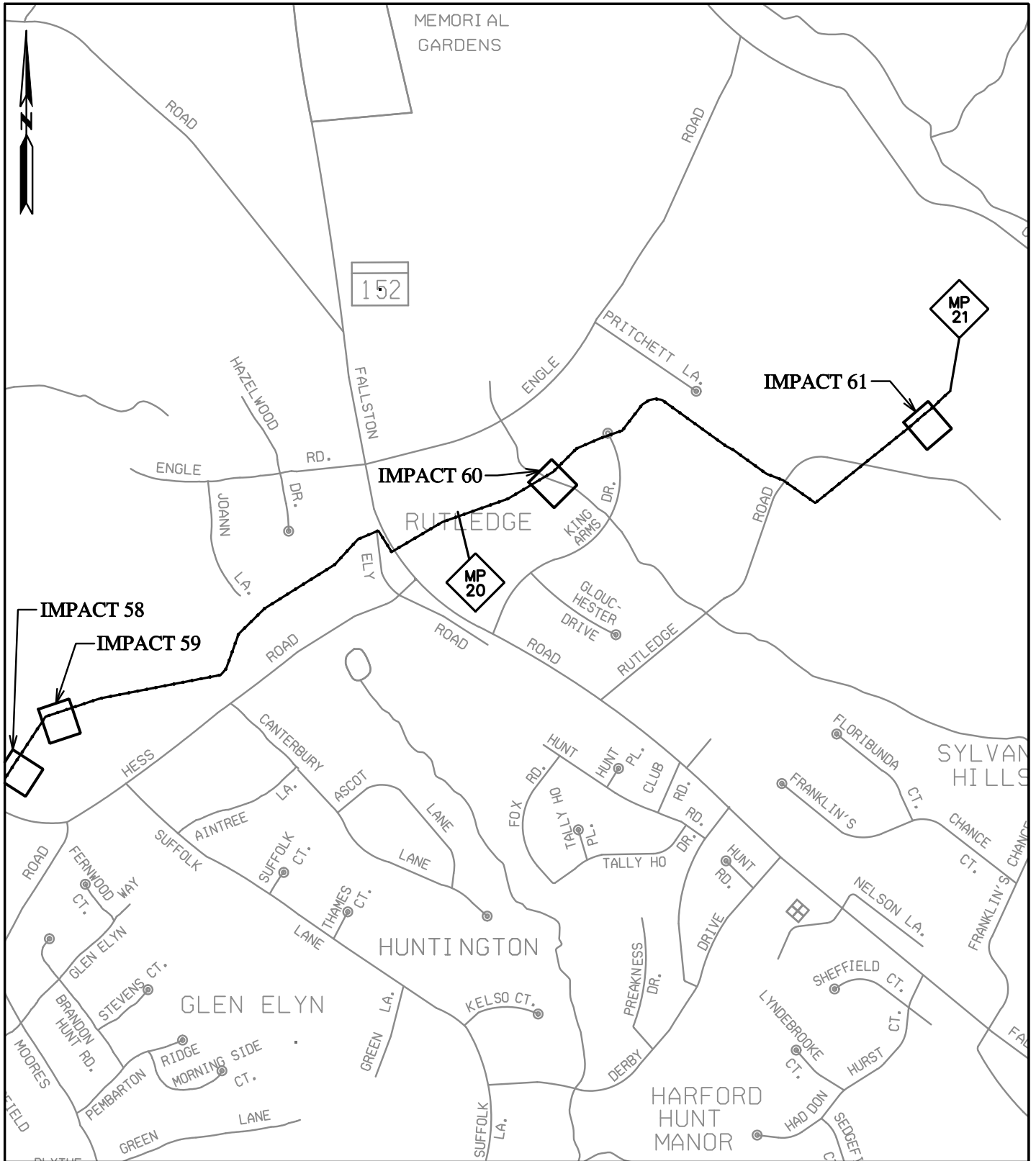


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IMPACT LOCATION MAP 9



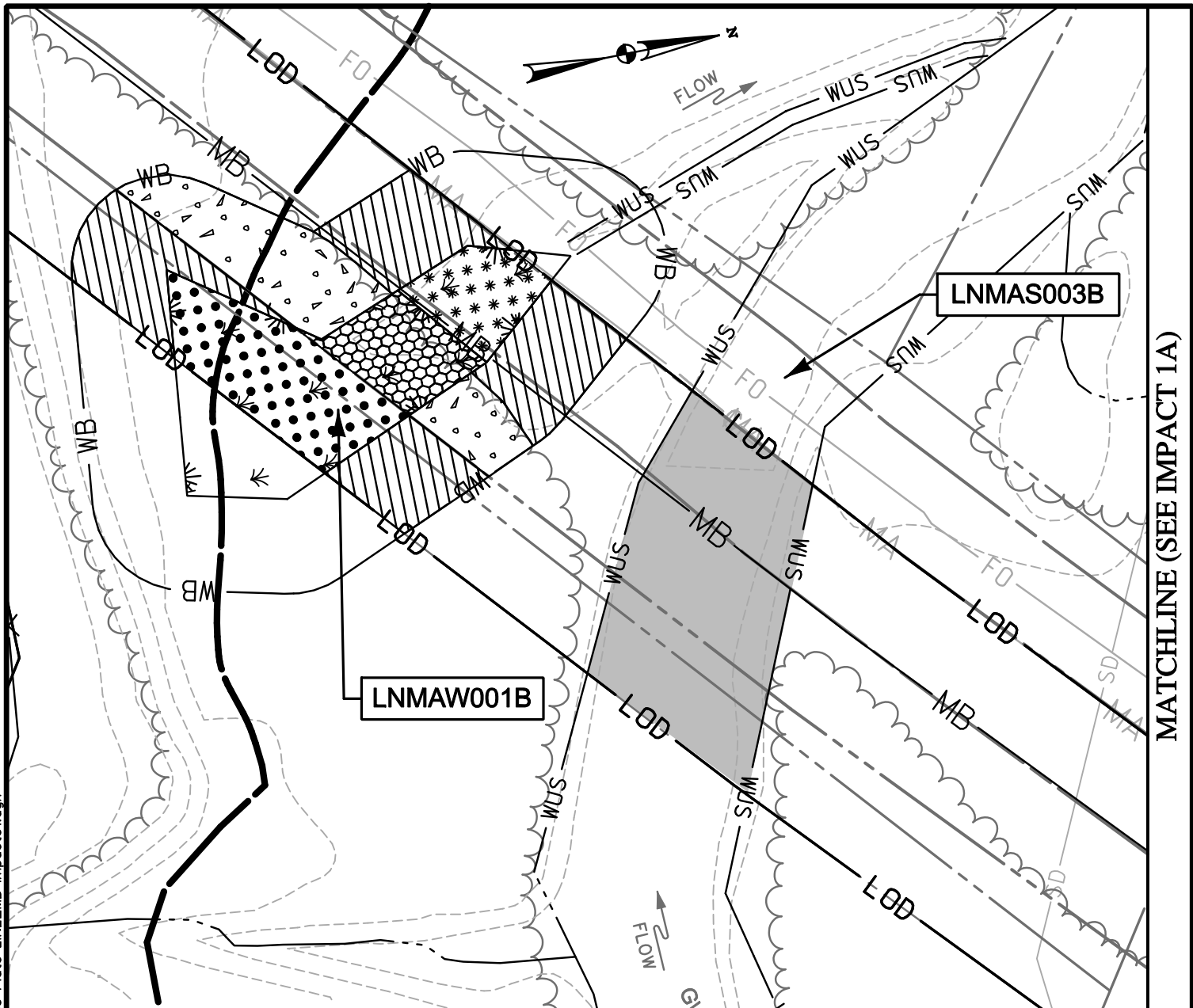
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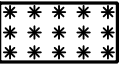
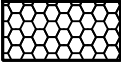



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 1700 MacCORKLE AVE, SE
 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660
IMPACT LOCATION MAP 10



MATCHLINE (SEE IMPACT 1A)

FLOODPLAIN IMPACT THIS SHEET: 22,376 SF./0.51 AC.

- | | | | |
|---|--|---|--|
|  | TEMPORARY WATERS OF U.S. IMPACT
3,697 SF./ 0.08 AC./ 80 LF. |  | TEMPORARY NON-TIDAL PEM WETLAND IMPACT
670 SF./ 0.02 AC. |
|  | NON-TIDAL PFO WETLAND CONVERSION IMPACT
740 SF./ 0.02 AC. |  | PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
1,731 SF./ 0.04 AC. |
|  | TEMPORARY NON-TIDAL PFO WETLAND IMPACT
1,501 SF./ 0.03 AC. |  | TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
3,195 SF./ 0.07 AC. |

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 20 OF 90

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FAX: (410) 316-7818

DATE: REVISED
MAY 2015

SCALE:
1" = 40'

DRAWN BY:
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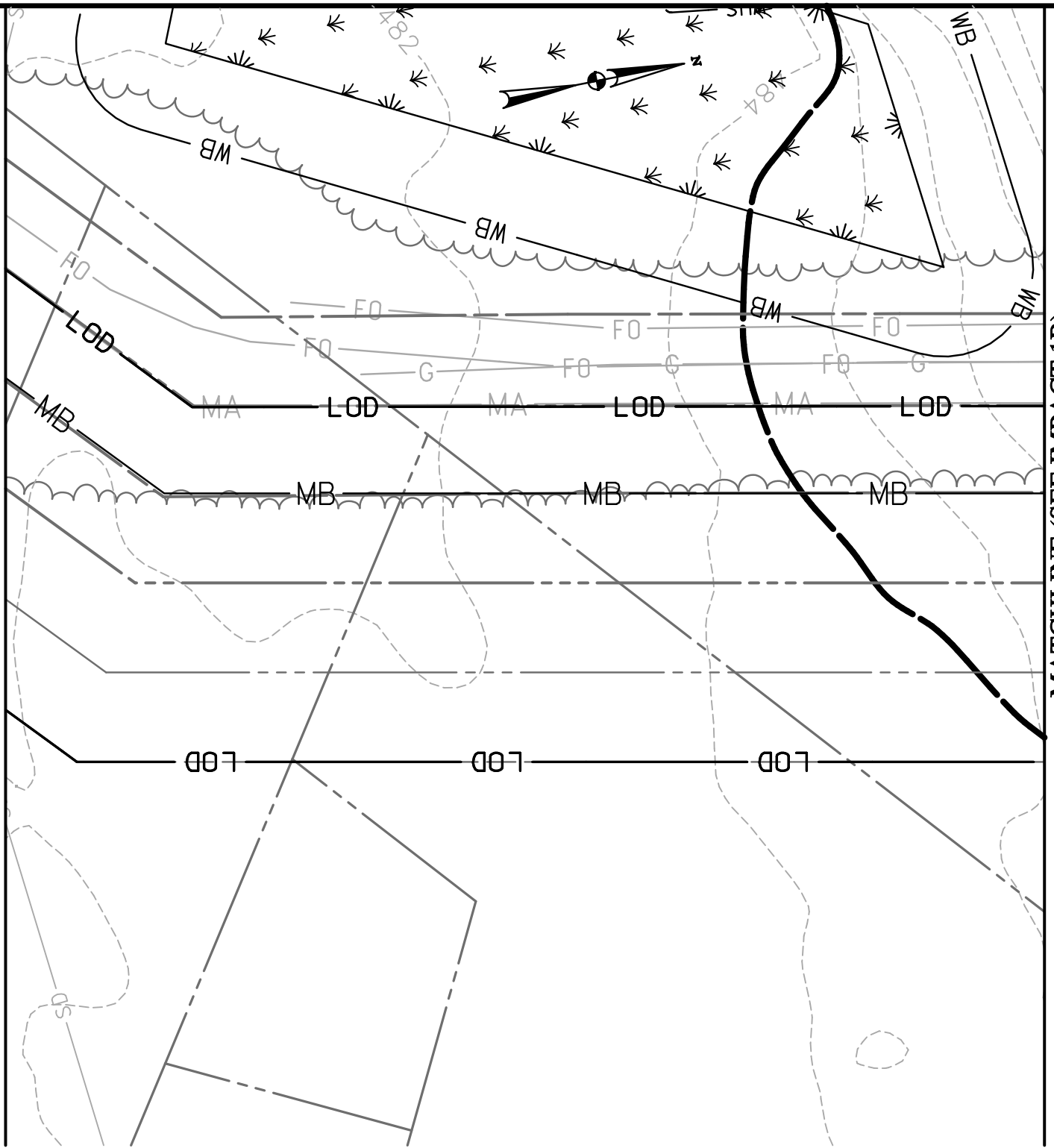
LINE MB EXTENSION PROJECT
COLUMBIA GAS TRANSMISSION, LLC
1700 MacCORKLE AVE, SE
CHARLESTON, WV 25314
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IMPACT 1
LNMAS003B; LNMAW001B

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MATCHLINE (SEE IMPACT 1)

MATCHLINE (SEE IMPACT 1B)



NOTE: FLOODPLAIN IMPACTS ONLY ON THIS SHEET.
FLOODPLAIN IMPACT THIS SHEET: 25,366 SF. / 0.58 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 21 OF 90



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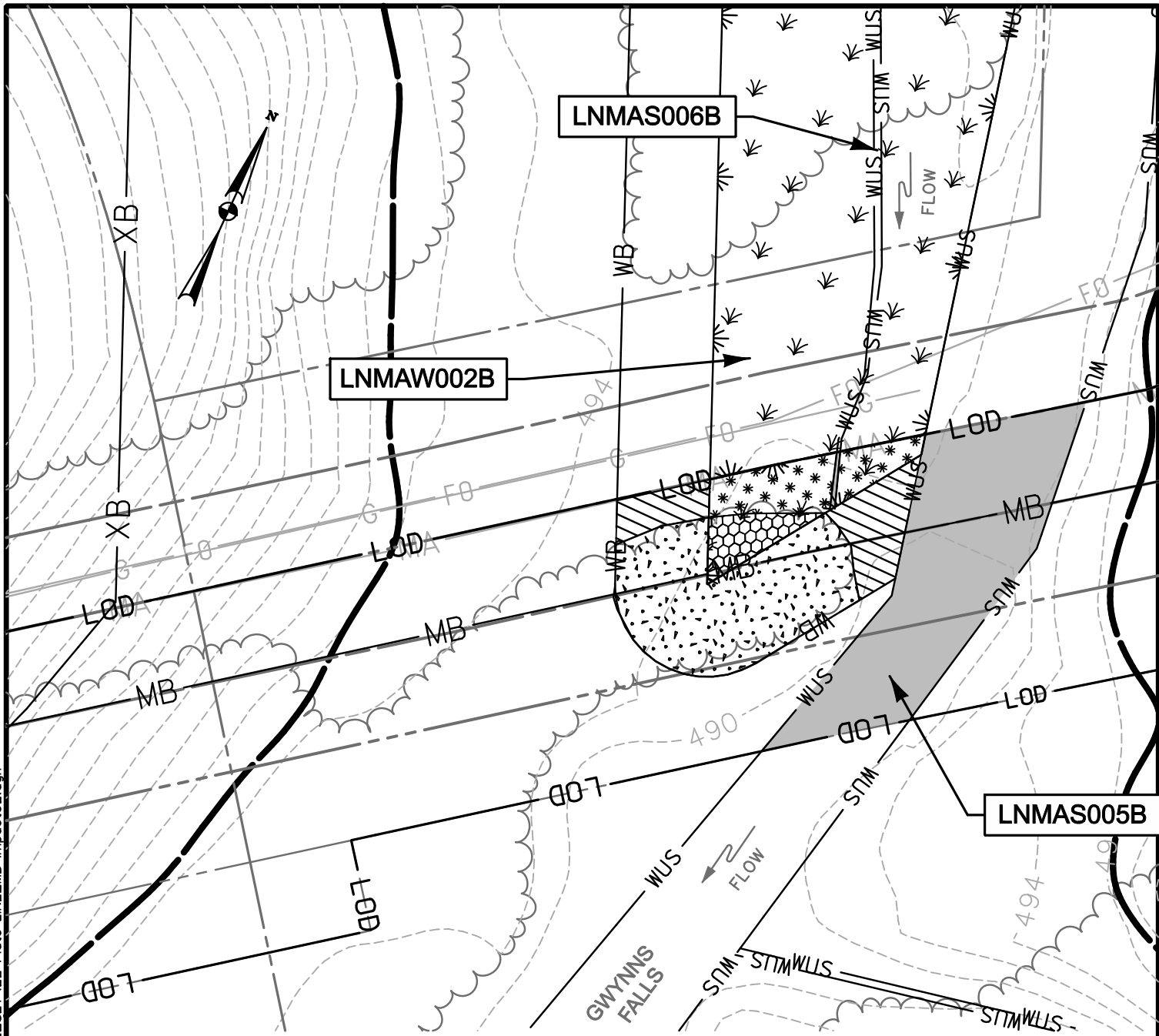
SCALE:
1" = 40'


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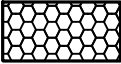
MDE PERMIT #12-NT-0433/ TRACKING #201261660

IMPACT 1A




 TEMPORARY WATERS OF U.S. IMPACT
3,007 SF./ 0.07 AC./ 111 LF.

FLOODPLAIN IMPACT THIS SHEET: 19,319 SF. / 0.44 AC.

 NON-TIDAL PFO WETLAND CONVERSION IMPACT
298 SF./ 0.007 AC.

 PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
1,967 SF./ 0.05 AC.

 TEMPORARY NON-TIDAL PEM WETLAND IMPACT
661 SF./ 0.015 AC.

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

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 22 OF 90

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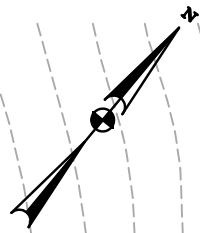


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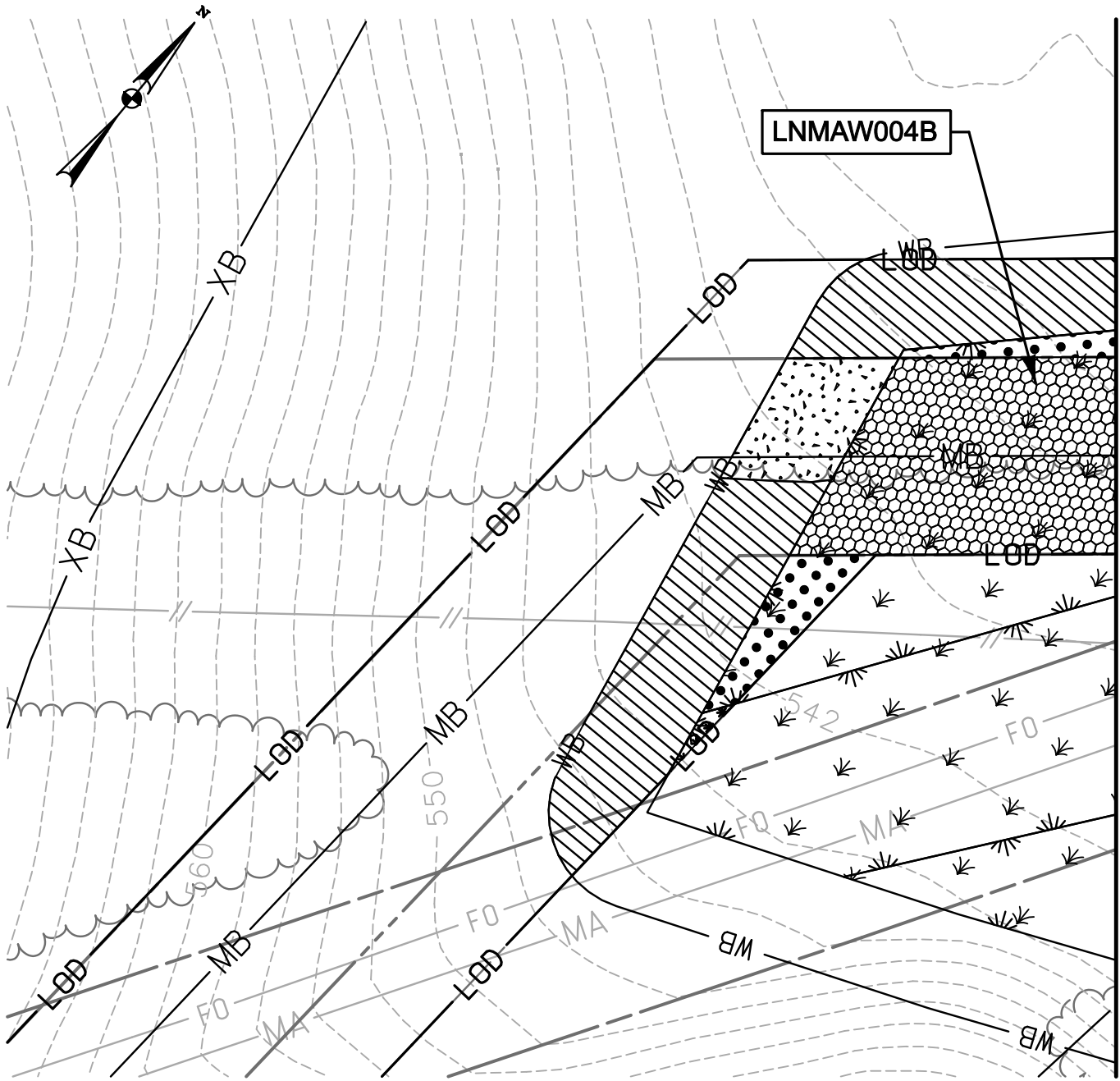
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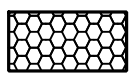
LINE MB EXTENSION PROJECT
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IMPACT 2
 LNMAW006B; LNMAW005B; LNMAW002B



LNMAW004B



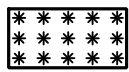
MATCHLINE (SEE IMPACT 4)



NON-TIDAL PFO
WETLAND CONVERSION IMPACT
3,451 SF./ 0.08 AC.



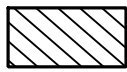
TEMPORARY NON-TIDAL
PFO WETLAND IMPACT
789 SF./ 0.02 AC.



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



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



TEMPORARY 25' NON-TIDAL
WETLAND BUFFER IMPACT
4,336 SF./ 0.10 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 23 OF 90



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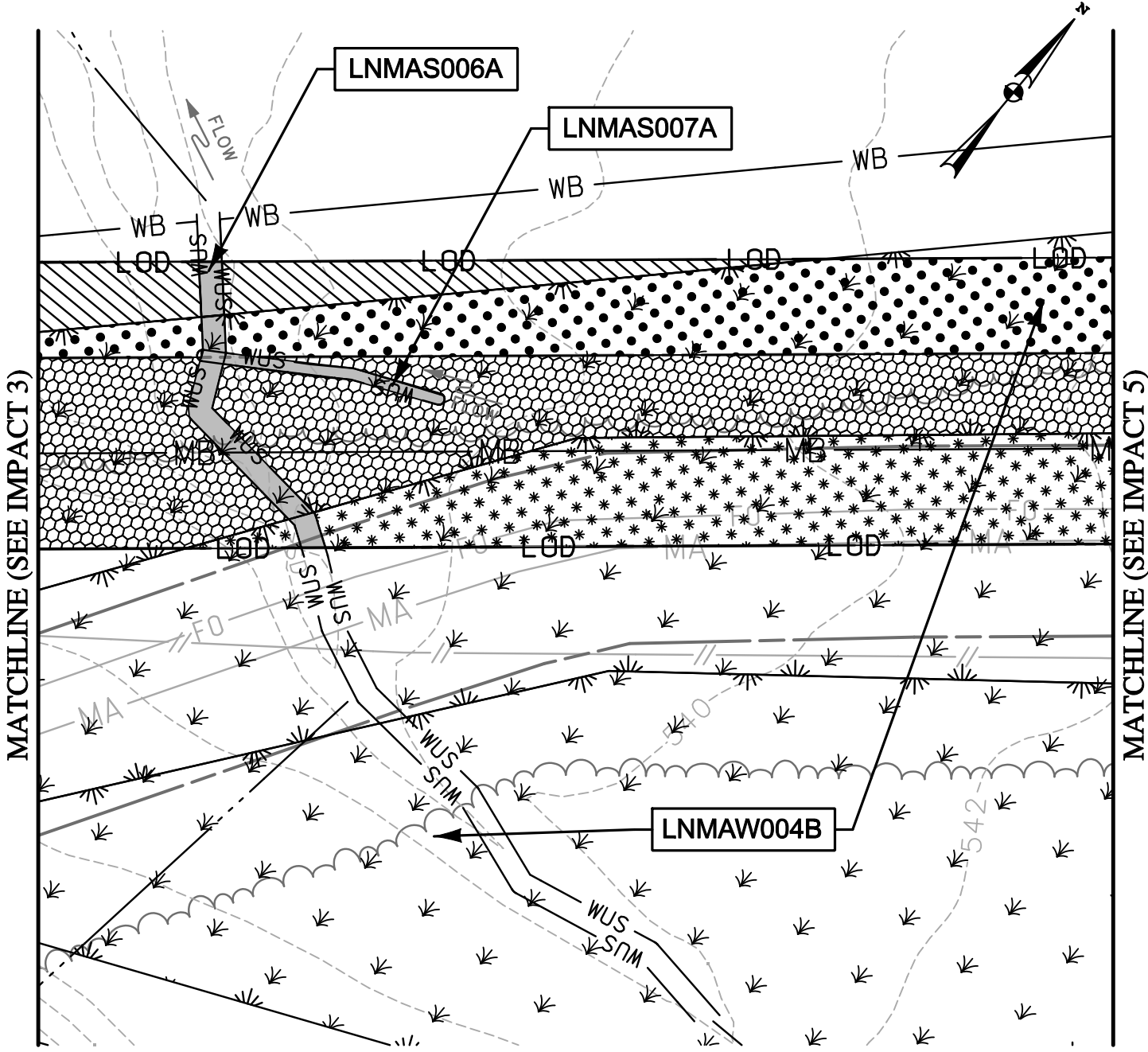
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IMPACT 3

LNMAW004B

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MATCHLINE (SEE IMPACT 3)

MATCHLINE (SEE IMPACT 5)

- TEMPORARY WATERS OF U.S. IMPACT
 717 SF./ 0.02 AC./ 150 LF.
- TEMPORARY NON-TIDAL PEM WETLAND IMPACT
 5,429 SF./ 0.12 AC.
- NON-TIDAL PFO WETLAND CONVERSION IMPACT
 8,108 SF./ 0.19 AC.
- TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
 1,791 SF./ 0.04 AC.
- TEMPORARY NON-TIDAL PFO WETLAND IMPACT
 5,091 SF./ 0.12 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 24 OF 90

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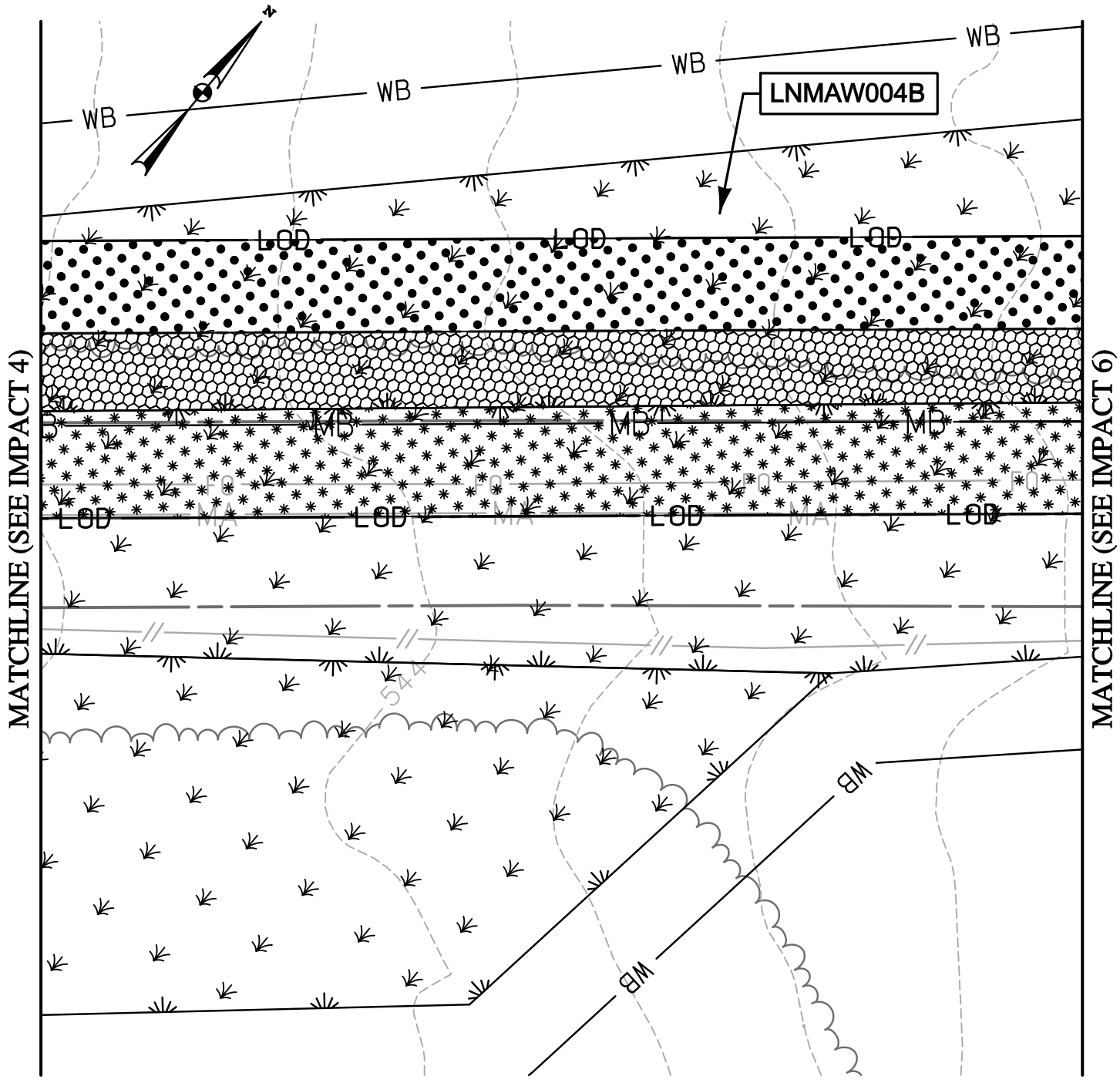
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IMPACT 4
 LNMA006A; LNMA007A; LNMAW004B

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 NON-TIDAL PFO
 WETLAND CONVERSION IMPACT
 5,774 SF./ 0.13 AC.


 TEMPORARY NON-TIDAL
 PFO WETLAND IMPACT
 7,045 SF./ 0.16 AC.


 TEMPORARY NON-TIDAL
 PEM WETLAND IMPACT
 8,316 SF./ 0.19 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 25 OF 90



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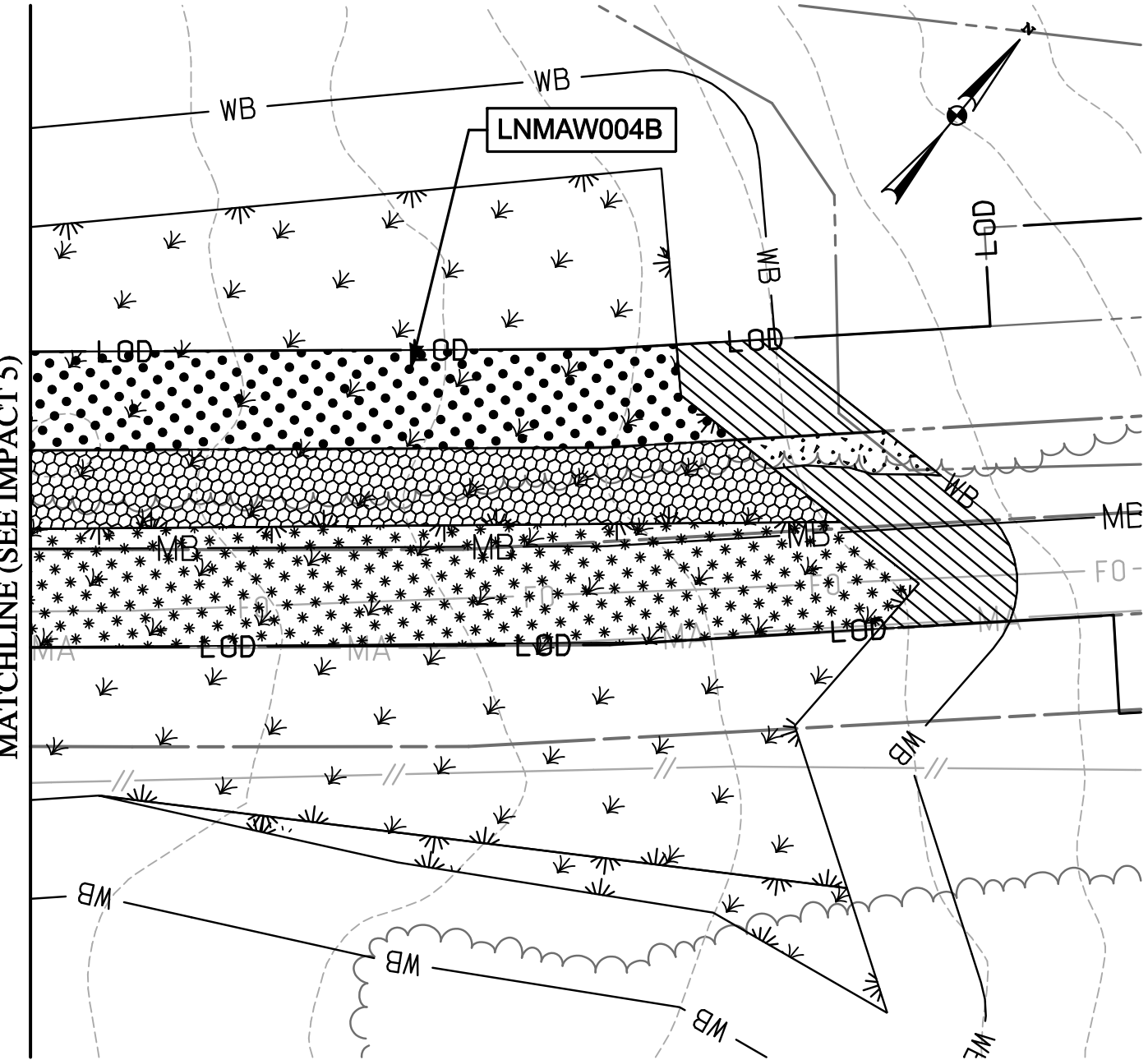
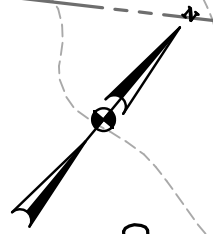
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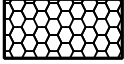

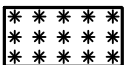
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IMPACT 5
 LNMAW004B

MATCHLINE (SEE IMPACT 5)

LNMAW004B



-  NON-TIDAL PFO WETLAND CONVERSION IMPACT
3,822 SF./ 0.09 AC.
-  TEMPORARY NON-TIDAL PFO WETLAND IMPACT
4,209 SF./ 0.10 AC.
-  TEMPORARY NON-TIDAL PEM WETLAND IMPACT
6,502 SF./ 0.15 AC.

-  PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
191 SF./ 0.004 AC.
-  TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
2,360 SF./ 0.05 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 26 OF 90

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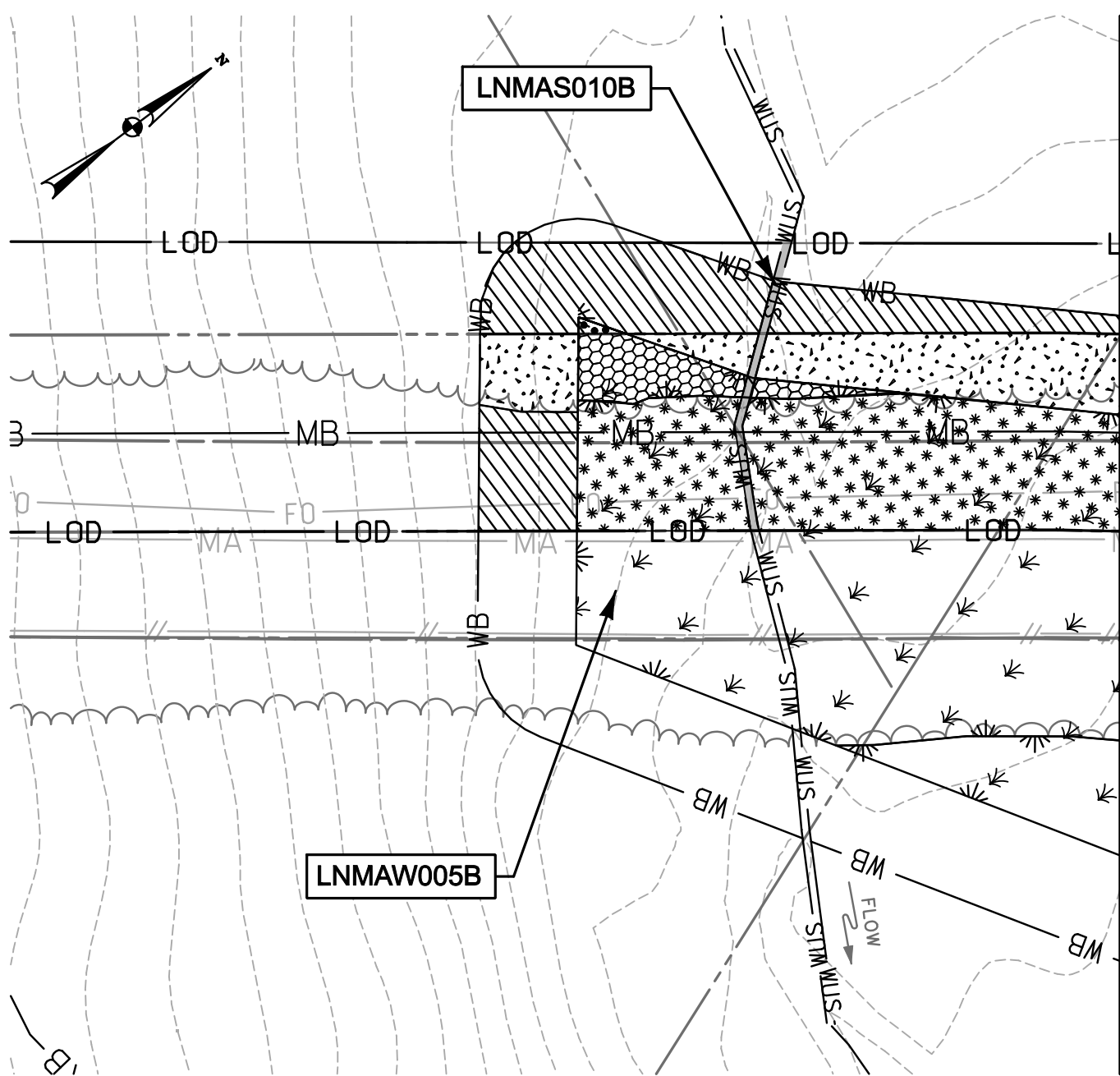


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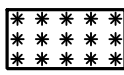
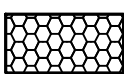



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 SCALE:
 1" = 40'
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 CHARLESTON, WV 25314
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IMPACT 6
 LNMAW004B

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MATCHLINE (SEE IMPACT 8)

- | | | | |
|---|---|---|--|
|  | TEMPORARY WATERS OF U.S. IMPACT
150 SF./ 0.003 AC./ 75 LF. |  | TEMPORARY NON-TIDAL PEM WETLAND IMPACT
4,482 SF./ 0.10 AC. |
|  | NON-TIDAL PFO WETLAND CONVERSION IMPACT
648 SF./ 0.01 AC. |  | PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
1,832 SF./ 0.04 AC. |
|  | TEMPORARY NON-TIDAL PFO WETLAND IMPACT
26 SF./ 0.0005 AC. |  | TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
3,332 SF./ 0.08 AC. |

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 27 OF 90



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SCALE:
1" = 40'

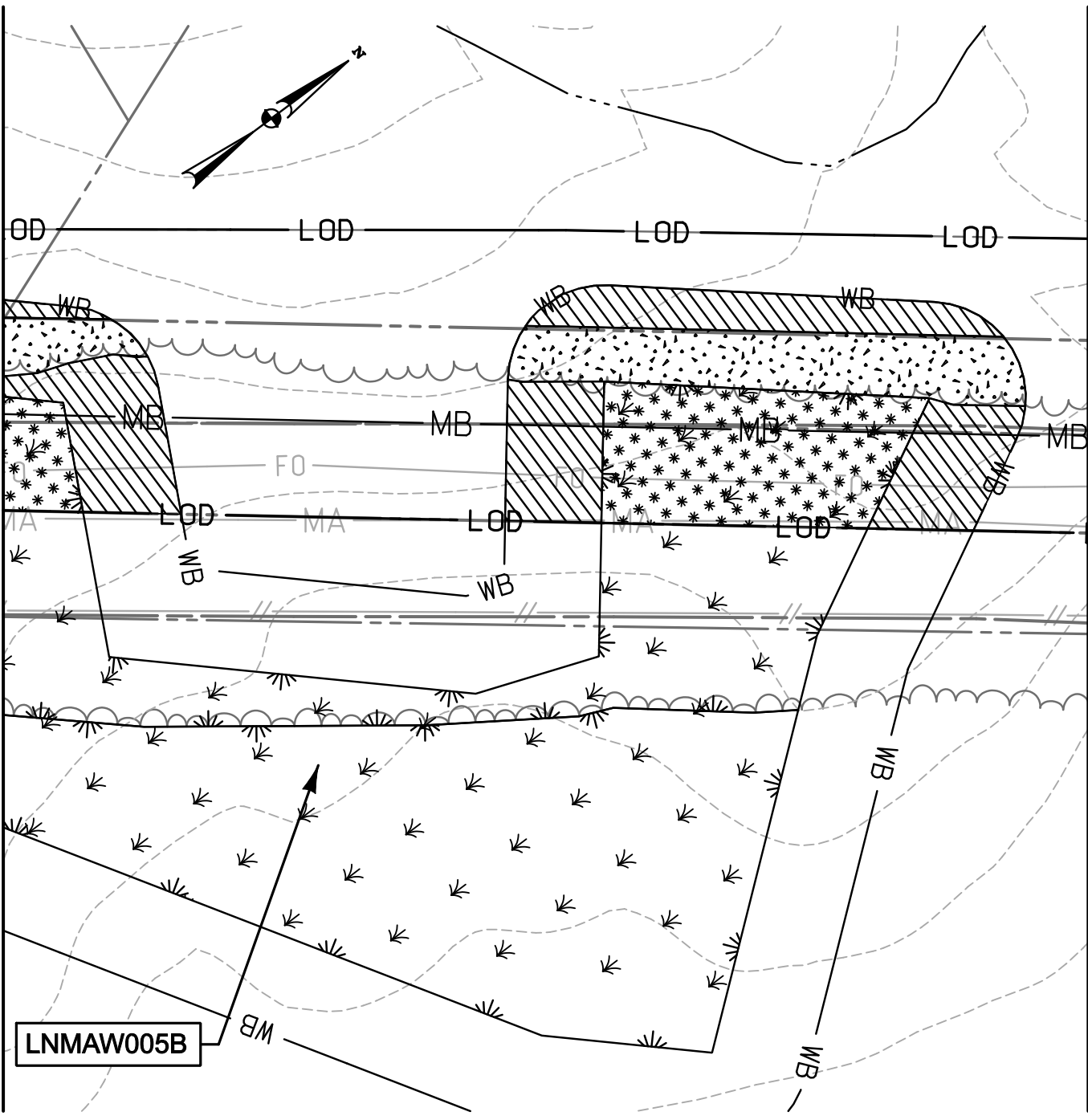
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COLUMBIA GAS TRANSMISSION, LLC
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IMPACT 7
 LNMA010B; LNMAW005B

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MATCHLINE (SEE IMPACT 7)

MATCHLINE (SEE IMPACT 9)



TEMPORARY NON-TIDAL
 PEM WETLAND BUFFER IMPACT
 3,254 SF./ 0.07 AC.

PERMANENT 25' NON-TIDAL
 WETLAND BUFFER IMPACT
 1,939 SF./ 0.04 AC.

TEMPORARY 25' NON-TIDAL
 WETLAND BUFFER IMPACT
 4,611 SF./ 0.11 AC.

SHEET 28 OF 90



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SCALE:
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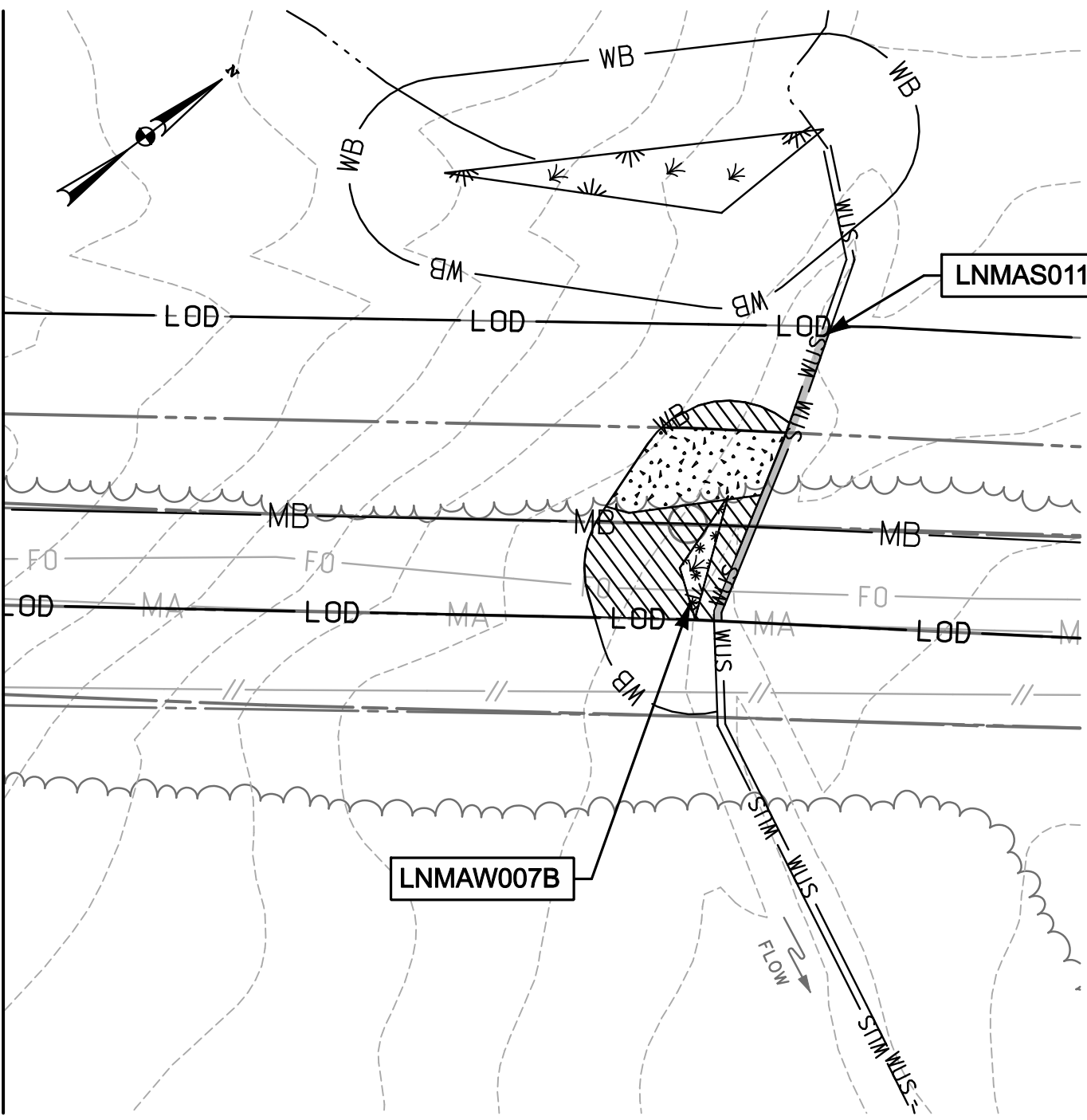
LINE MB EXTENSION PROJECT
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IMPACT 8

LNMAW005B

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MATCHLINE (SEE IMPACT 8)



- TEMPORARY WATERS OF U.S. IMPACT
165 SF./ 0.004 AC./ 83 LF.
- TEMPORARY NON-TIDAL PEM WETLAND IMPACT
121 SF./ 0.003 AC.

- PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
720 SF./ 0.02 AC.
- TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
1,184 SF./ 0.03 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 29 OF 90



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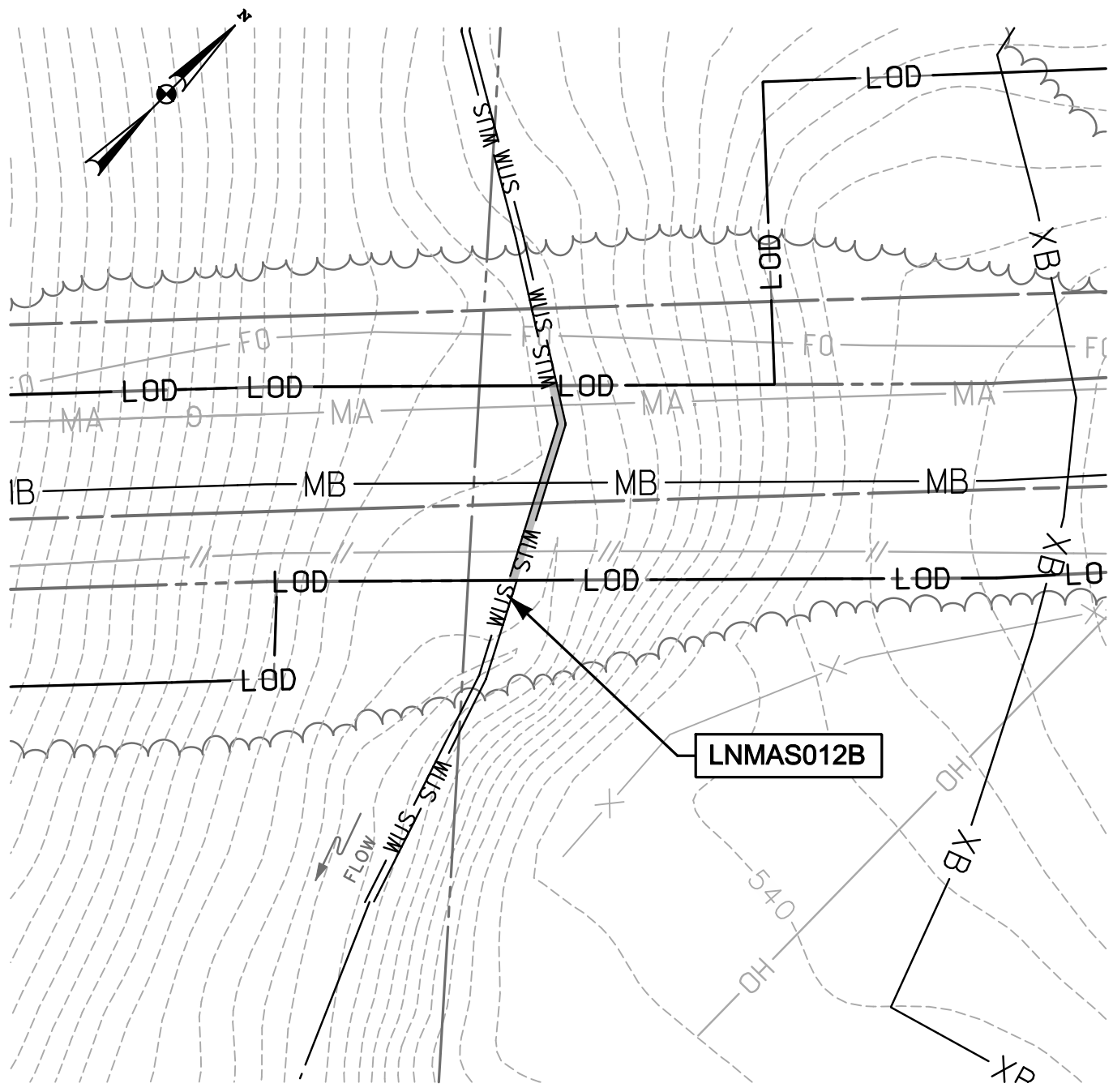
DATE: REVISED
 MAY 2015


SCALE:
 1" = 40'

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LINE MB EXTENSION PROJECT
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IMPACT 9
 LNMAW007B; LNMAW007B




 TEMPORARY WATERS
 OF U.S. IMPACT
 104 SF./ 0.002 AC./ 52 LF.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 30 OF 90

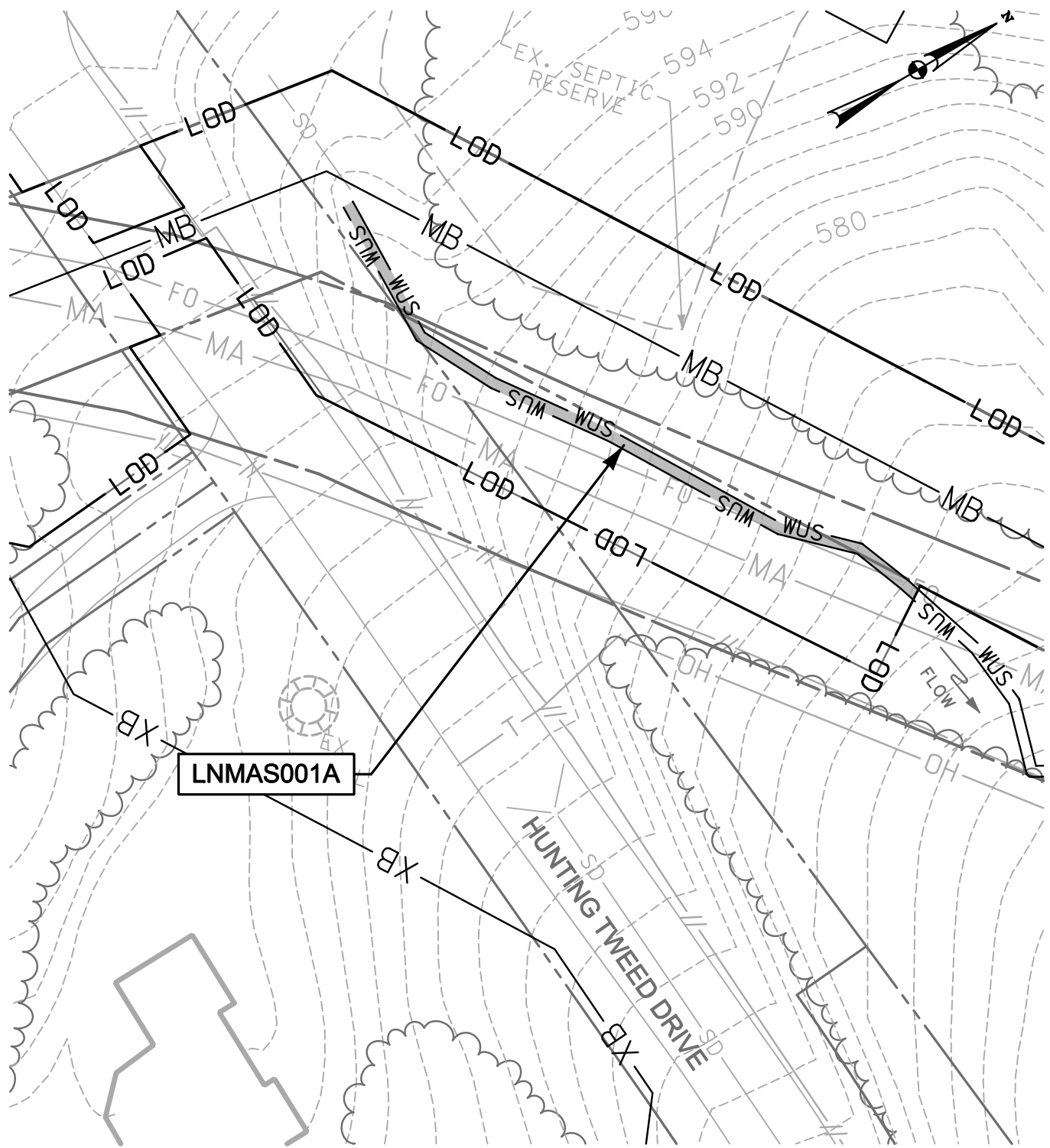
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IMPACT 10
 LNMA012B



LNMAS001A


 TEMPORARY WATERS
 OF U.S. IMPACT
 586 SF./ 0.01 AC./ 194 LF.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 31 OF 90

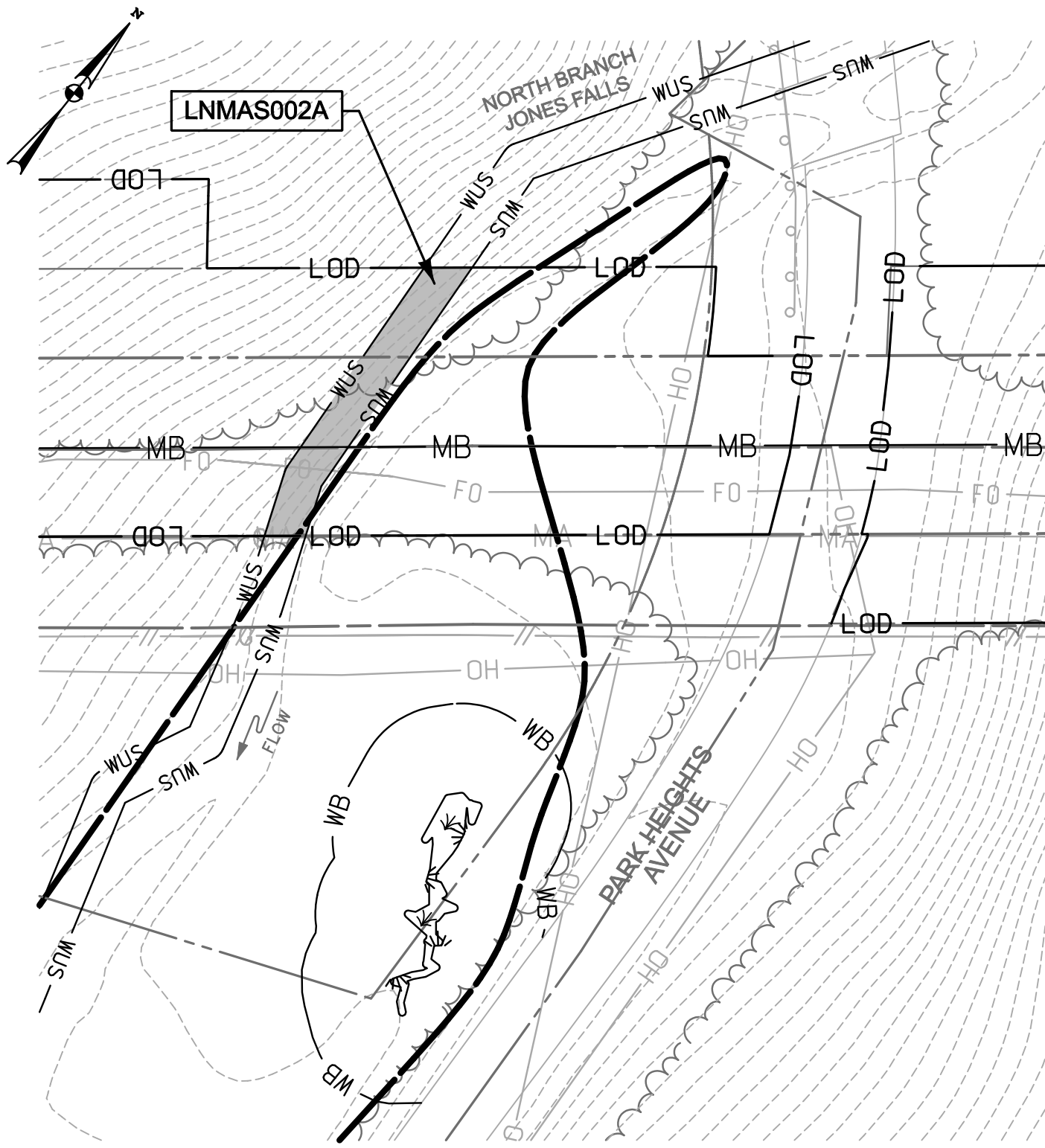
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IMPACT 11
 LNMAS001A

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 TEMPORARY WATERS OF U.S. IMPACT
 974 SF. / 0.02 AC. / 89 LF.

FLOODPLAIN IMPACT THIS SHEET: 3,155 SF. / 0.072 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

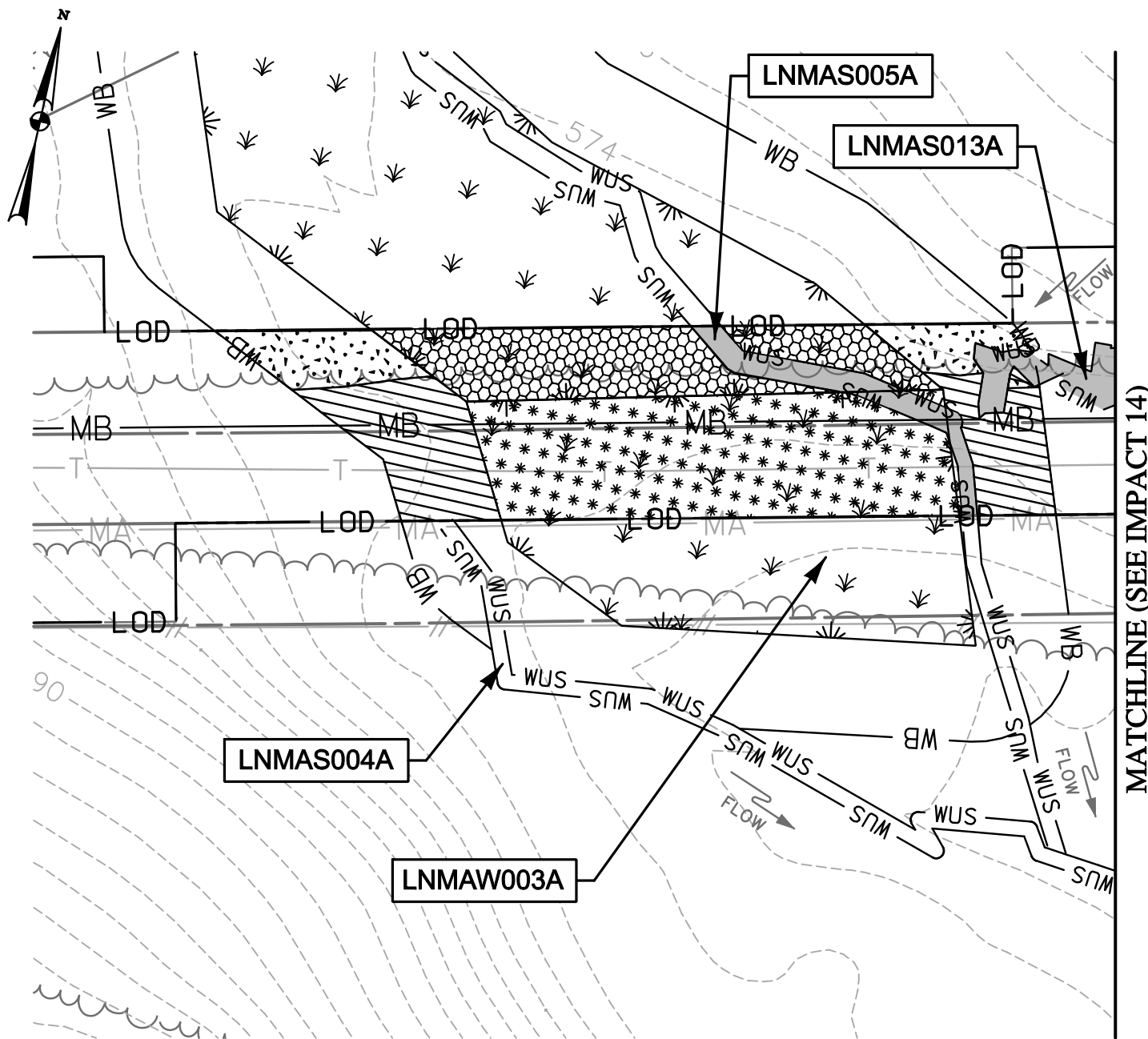
SHEET 32 OF 90


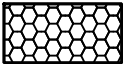



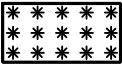


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 CHARLESTON, WV 25314
 MDE PERMIT #12-NT-0433/ TRACKING #201261660
IMPACT 12
 LNMAS002A



-  TEMPORARY WATERS OF U.S. IMPACT
892 SF./ 0.02 AC./ 140 LF.
-  NON-TIDAL PFO WETLAND CONVERSION IMPACT
2,014 SF./ 0.05 AC.
-  TEMPORARY NON-TIDAL PFO WETLAND IMPACT
1 SF./ 0.00002 AC.

-  TEMPORARY NON-TIDAL PEM WETLAND IMPACT
3,767 SF./ 0.09 AC.
-  PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
733 SF./ 0.02 AC.
-  TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
2,068 SF./ 0.05 AC.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 33 OF 90

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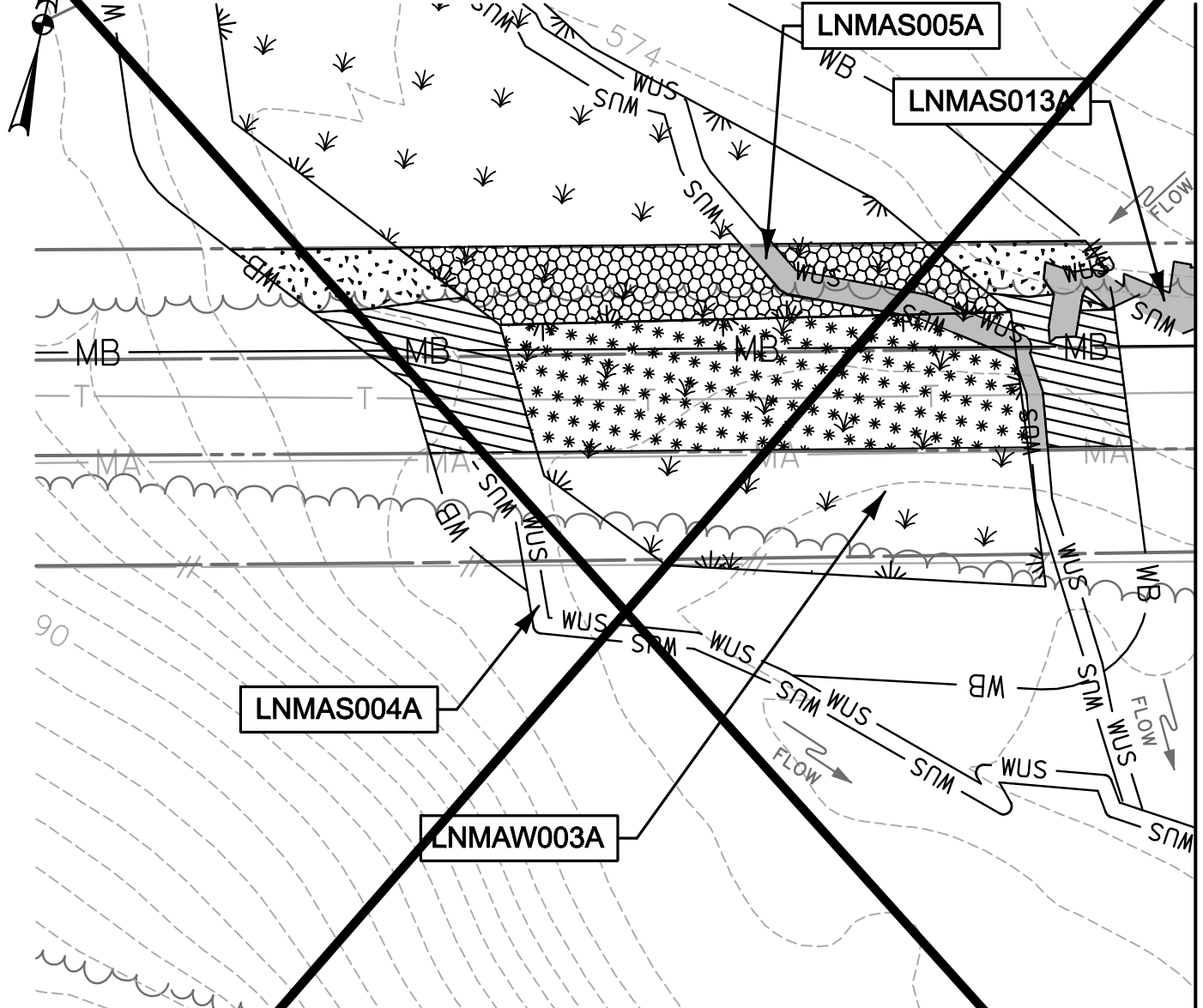
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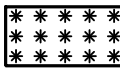
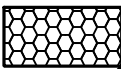
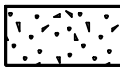

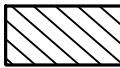
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 MDE PERMIT #12-NT-0433/ TRACKING #201261660
IMPACT 13
 LNMAW003A; LNMA004A; LNMA013A; LNMA005A

IMPACT 13 - HDD (UNNAMED TRIB. TO NORTH BRANCH JONES FALLS HDD)



- | | | | |
|---|--|---|--|
|  | TEMPORARY WATERS OF U.S. IMPACT
892 SF./ 0.02 AC./ 140 LF. |  | TEMPORARY NON-TIDAL PEM WETLAND IMPACT
3,767 SF./ 0.09 AC. |
|  | NON-TIDAL PFO WETLAND CONVERSION IMPACT
2,014 SF./ 0.05 AC. |  | PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
733 SF./ 0.02 AC. |
|  | TEMPORARY NON-TIDAL PFO WETLAND IMPACT
1 SF./ 0.00002 AC. |  | TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
2,068 SF./ 0.05 AC. |

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 33 OF 90

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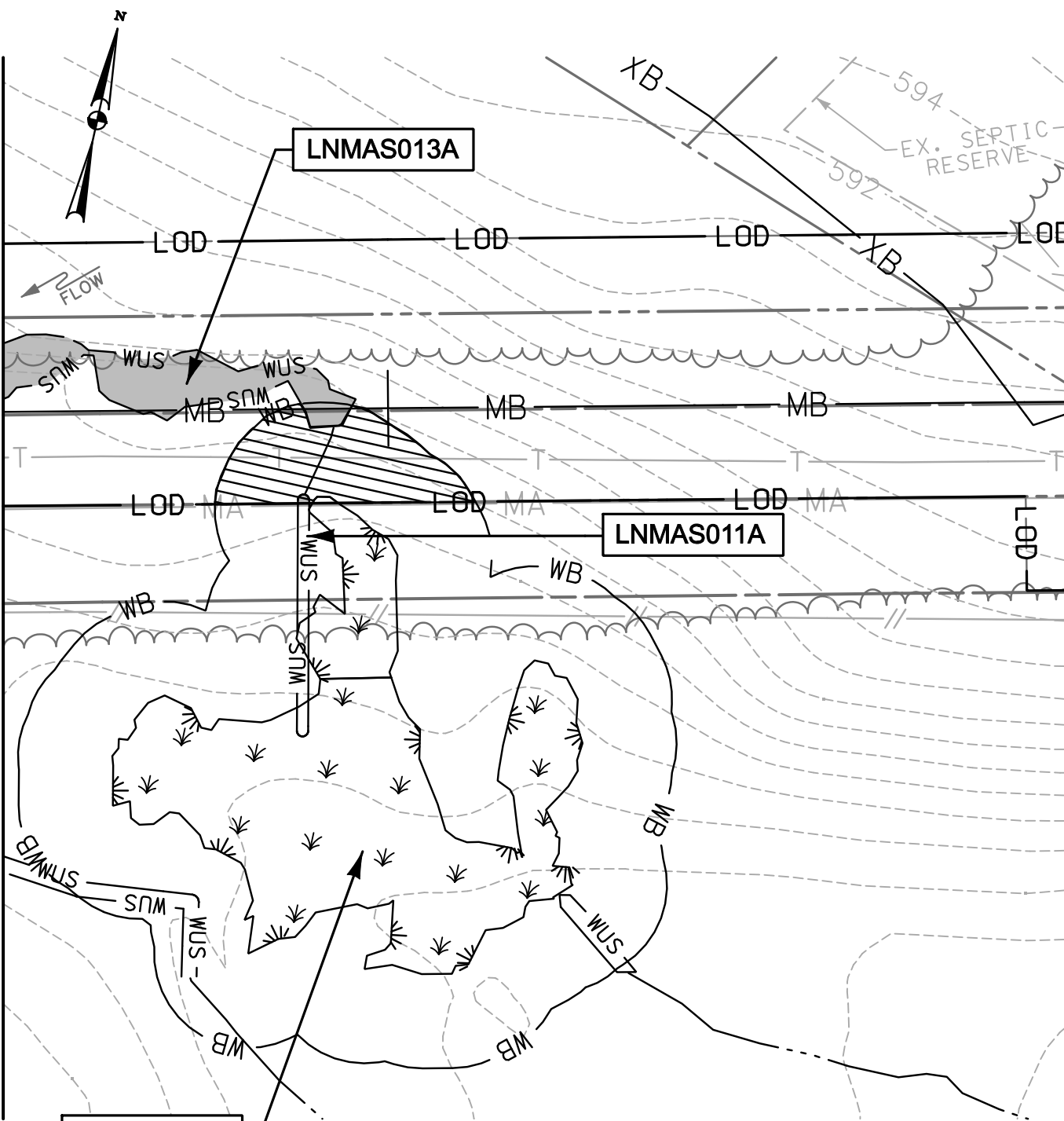
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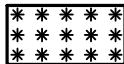
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IMPACT 13 - HDD
 LNMAW003A; LNMA004A; LNMA013A; LNMA005A

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MATCHLINE (SEE IMPACT 13)



-  TEMPORARY WATERS OF U.S. IMPACT
1,004 SF./ 0.02 AC./ 96 LF.
-  TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
1,232 SF./ 0.03 AC.
-  TEMPORARY NON-TIDAL PEM WETLAND IMPACT
9 SF./ 0.0002 AC.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

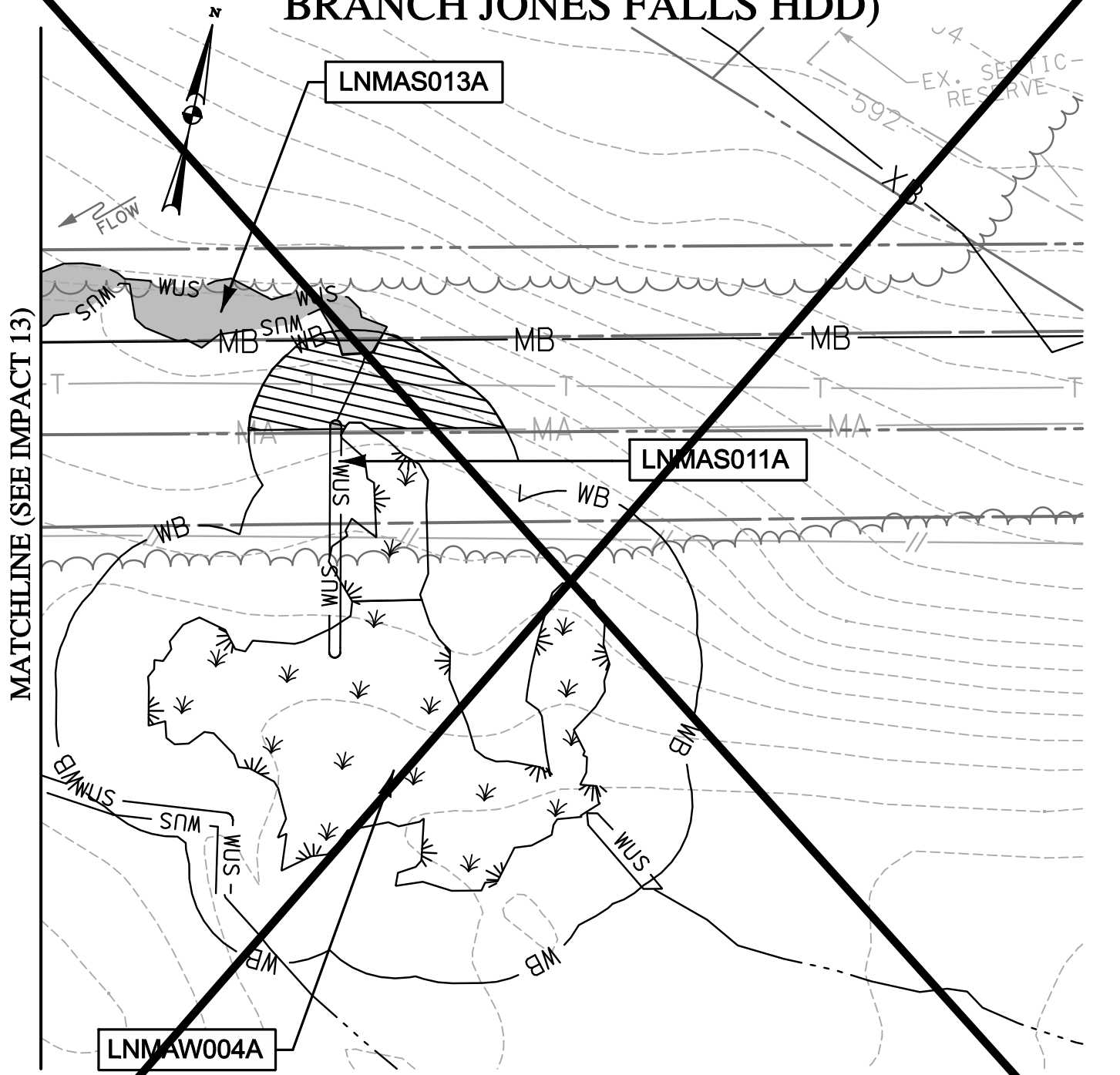
SHEET 34 OF 90

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IMPACT 14
 LNMAW004A; LNMA011A; LNMA013A

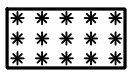
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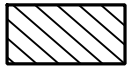
MATCHLINE (SEE IMPACT 13)



TEMPORARY WATERS OF U.S. IMPACT
1,004 SF./ 0.02 AC./ 96 LF.



TEMPORARY NON-TIDAL PEM WETLAND IMPACT
9 SF./ 0.0002 AC.



TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
1,232 SF./ 0.03 AC.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 34 OF 90

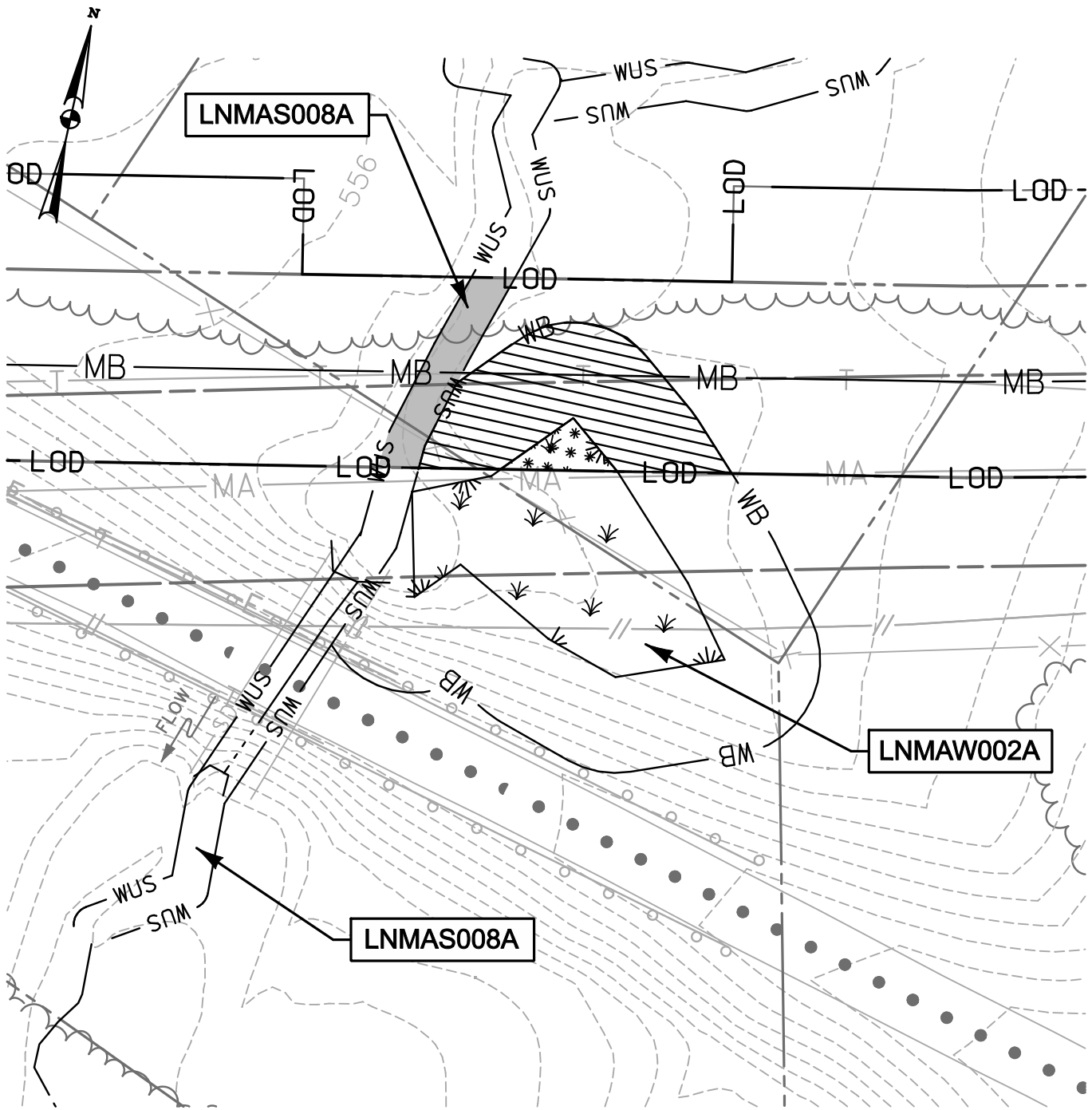
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IMPACT 14 - HDD
 LNMAW004A; LNMAW011A; LNMAW013A



 TEMPORARY WATERS OF U.S. IMPACT
555 SF./ 0.02 AC./ 55 LF.

 TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
1,955 SF./ 0.04 AC.

 TEMPORARY NON-TIDAL PEM WETLAND IMPACT
208 SF./ 0.005 AC.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 35 OF 90

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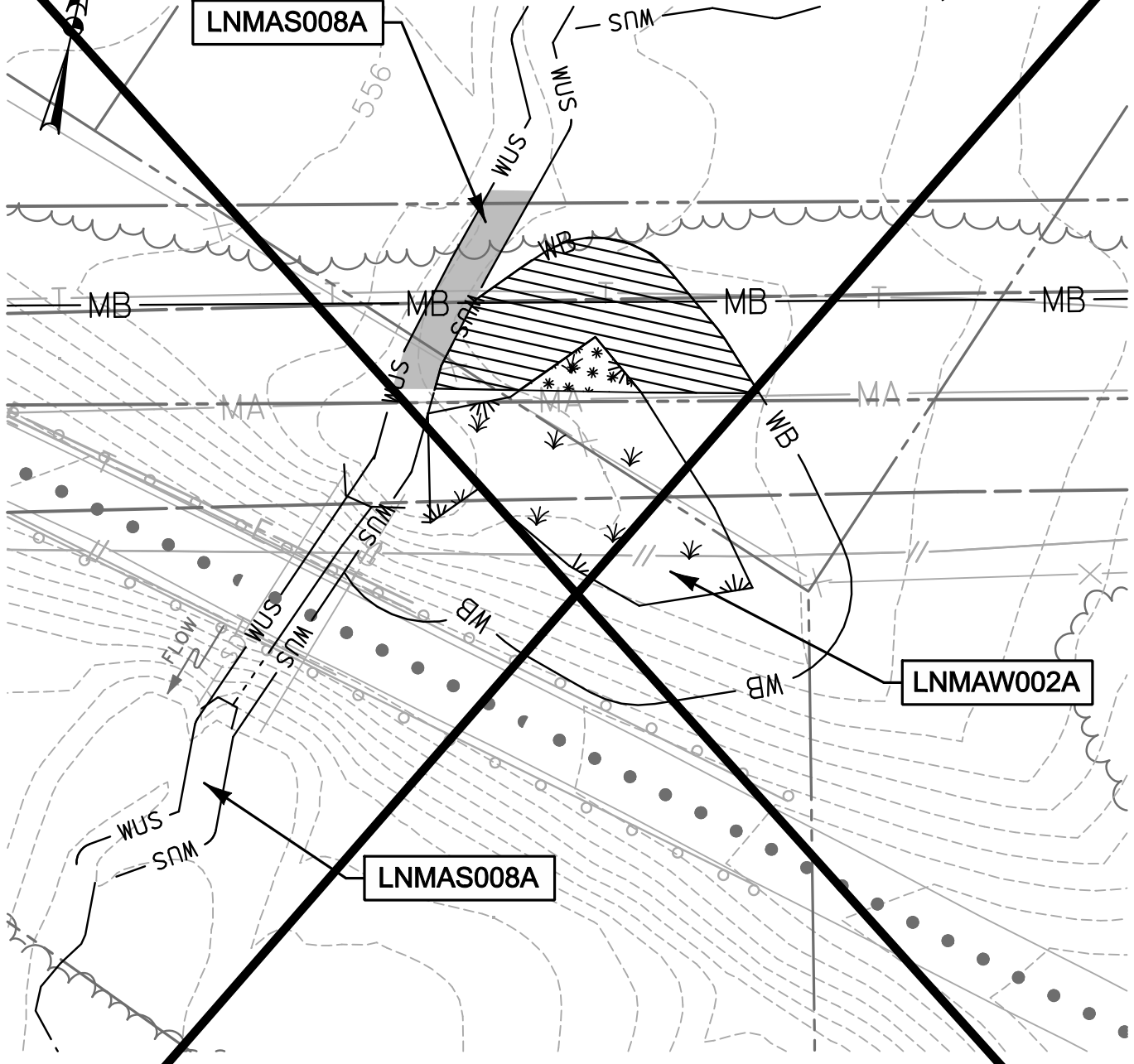
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IMPACT 15

LNMAW002A; LNMA008A

IMPACT 15 (UNNAMED TRIB. TO NORTH BRANCH JONES FALLS HDD)



 TEMPORARY WATERS OF U.S. IMPACT
655 SF. / 0.02 AC. / 55 LF.

 TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
1,955 SF. / 0.04 AC.

 TEMPORARY NON-TIDAL PEM WETLAND IMPACT
208 SF. / 0.005 AC.

NOTE: IMPACTS AVOIDED IF HDD IMPLEMENTED.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 35 OF 90

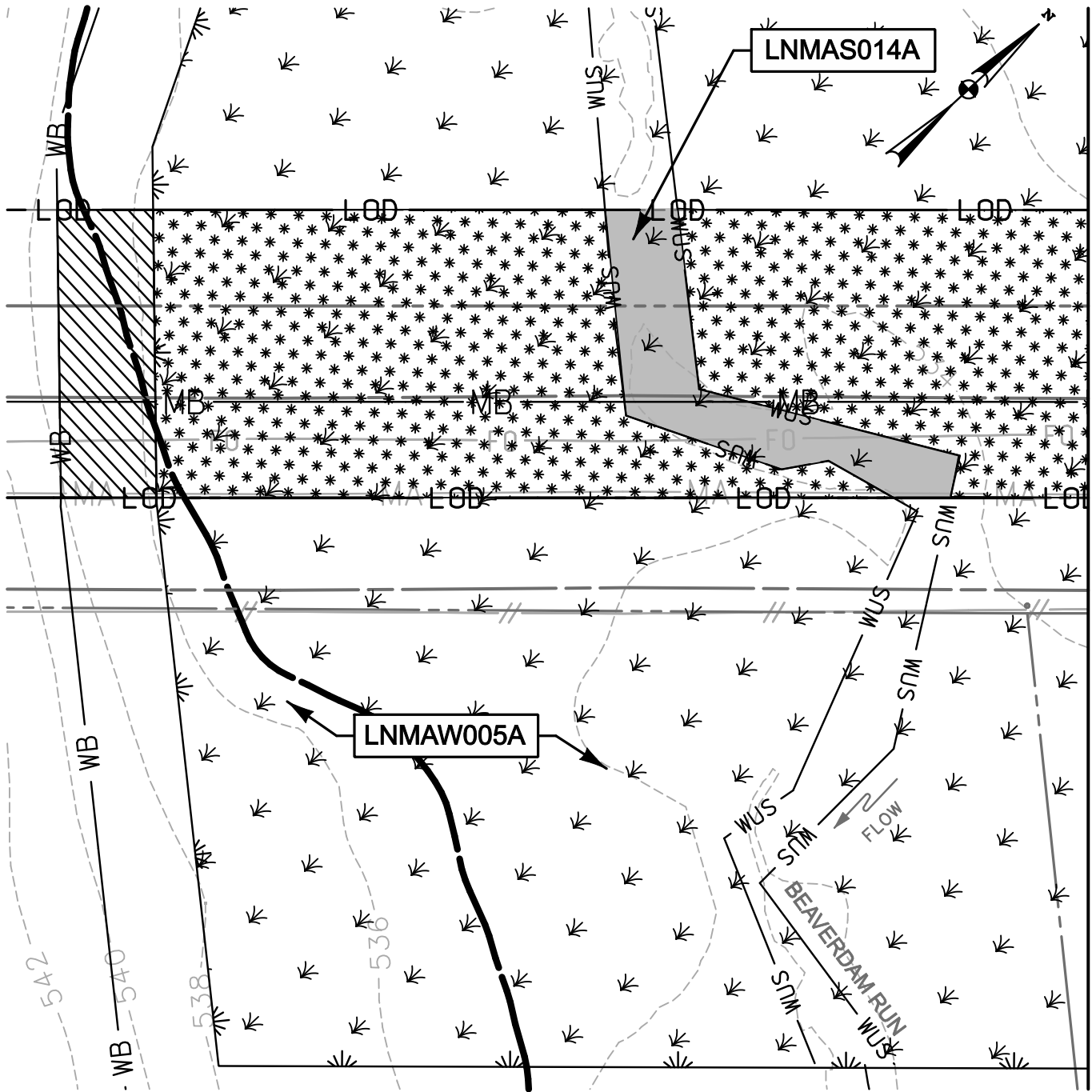
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IMPACT 15 - HDD
 LNMAW002A; LNMAW008A



MATCHLINE (SEE IMPACT 17)

 TEMPORARY WATERS OF U.S. IMPACT
2,010 SF. / 0.05 AC. / 128 LF.

FLOODPLAIN IMPACT THIS SHEET: 18,612 SF. / 0.43 AC.

 TEMPORARY NON-TIDAL PEM WETLAND IMPACT
16,226 SF. / 0.37 AC.

 TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
1,875 SF. / 0.04 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 36 OF 90

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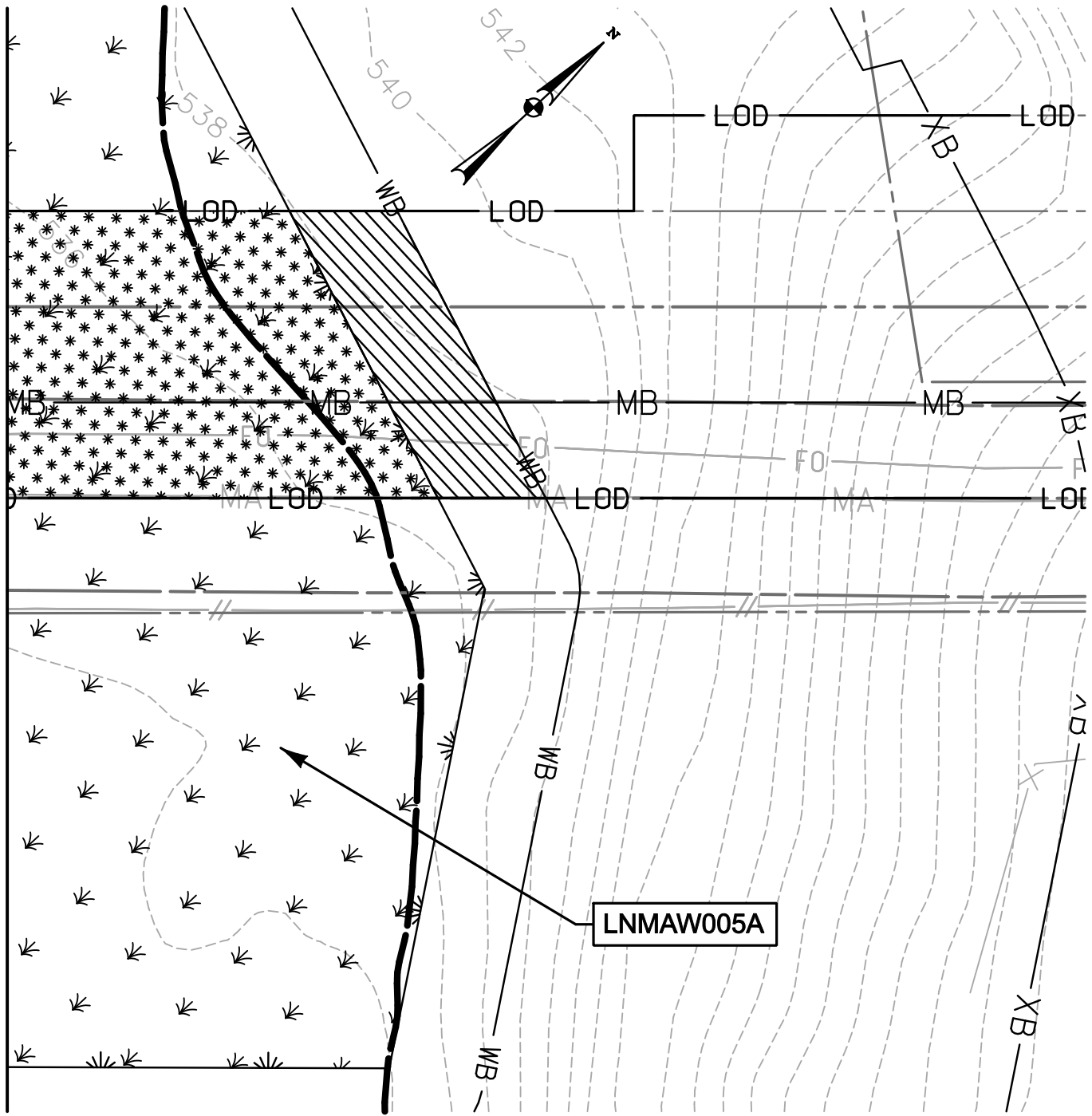
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IMPACT 16
LNMAW005A; LNMAW014A

MATCHLINE (SEE IMPACT 16)



FLOODPLAIN IMPACT THIS SHEET: 5,171 SF. / 0.12 AC.

 TEMPORARY NON-TIDAL PEM WETLAND IMPACT
 6,984 SF./ 0.16 AC.

 TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
 2,111 SF./ 0.05 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 37 OF 90



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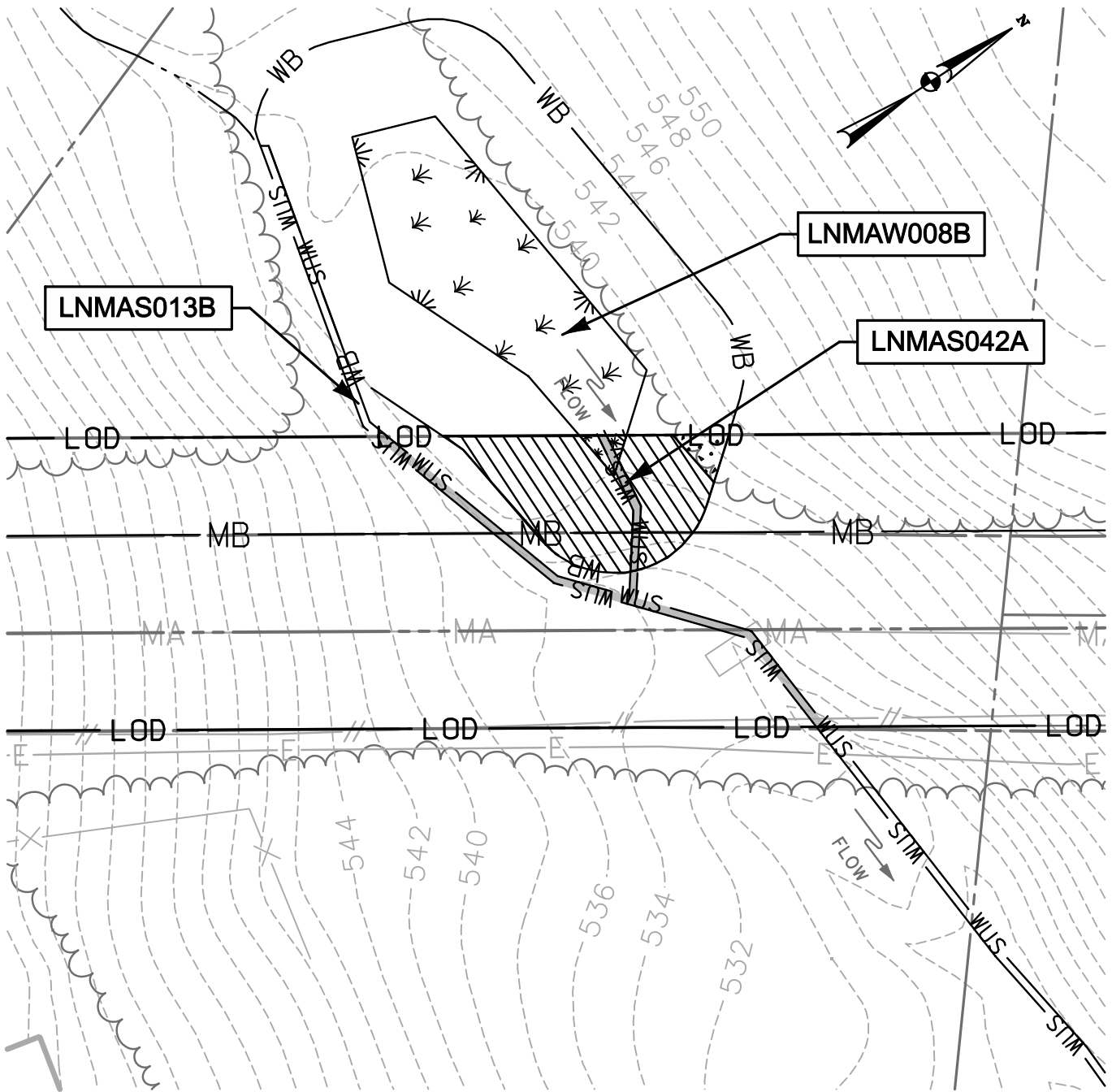
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IMPACT 17

LNMAW005A

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 TEMPORARY WATERS OF U.S. IMPACT
 370 SF./ 0.008 AC./ 184 LF.


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


 TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
 1,589 SF./ 0.04 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 38 OF 90

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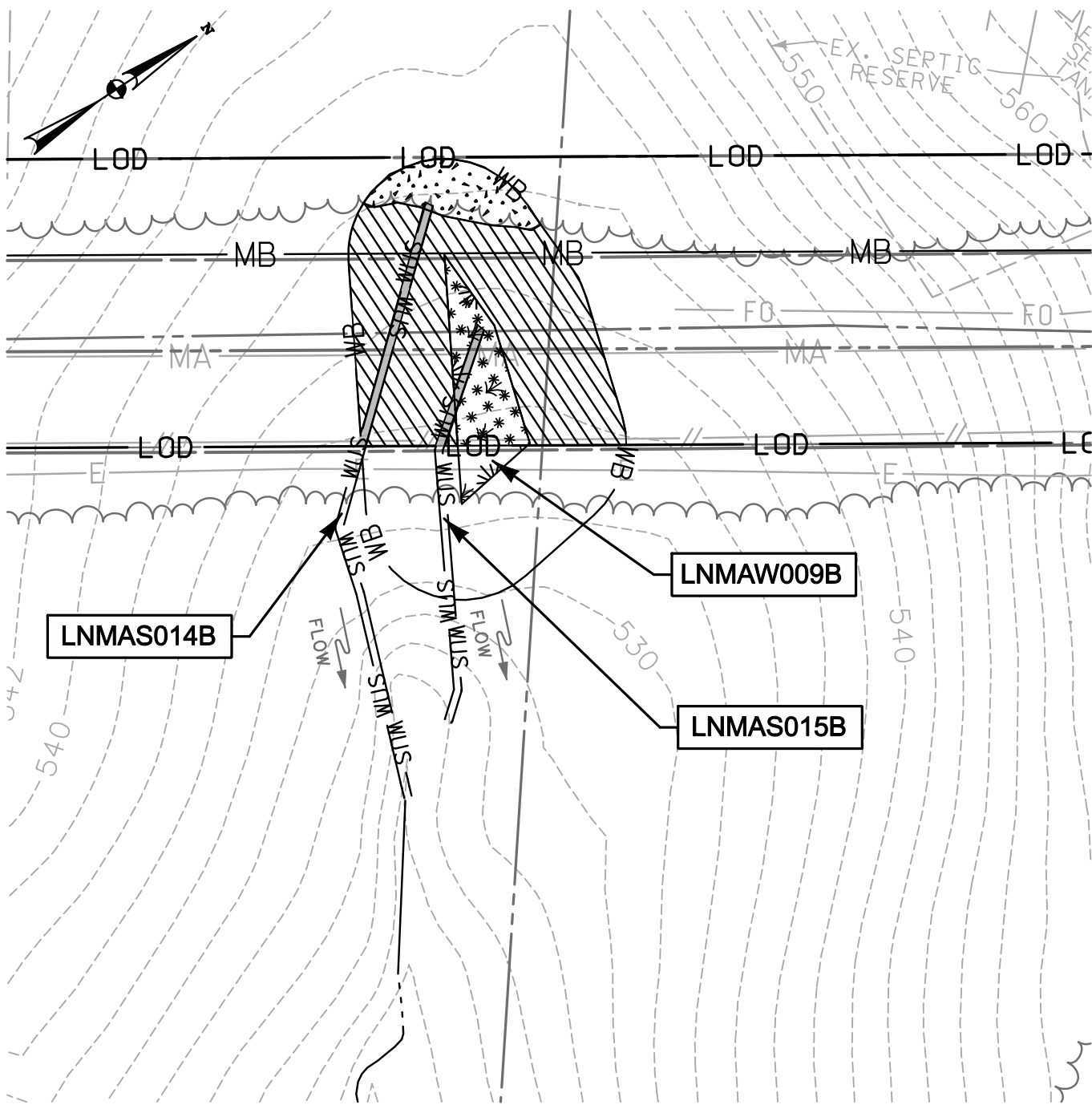
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 CHARLESTON, WV 25314


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IMPACT 18

LNMAW008B; LNMAW013B; LNMAW042A




 TEMPORARY WATERS OF U.S. IMPACT
 200 SF./ 0.005 AC./ 98 LF.


 PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
 512 SF./ 0.01 AC.


 TEMPORARY NON-TIDAL PEM WETLAND IMPACT
 541 SF./ 0.01 AC.


 TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
 2,931 SF./ 0.07 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 39 OF 90

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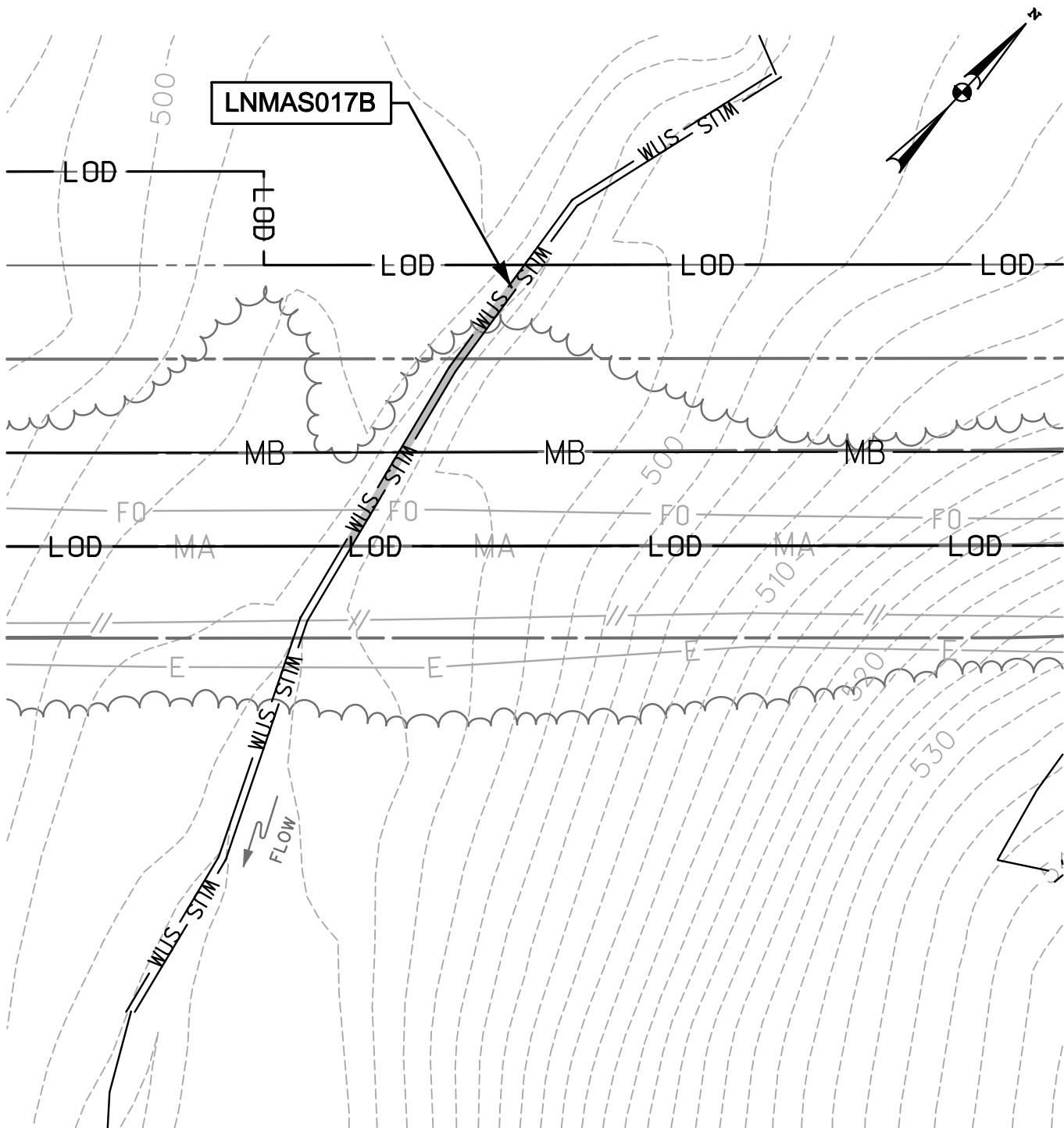
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IMPACT 19

LNMAW009B; LNMAW014B; LNMAW015B




 TEMPORARY WATERS
 OF U.S. IMPACT
 179 SF./ 0.004 AC./ 90 LF.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 40 OF 90

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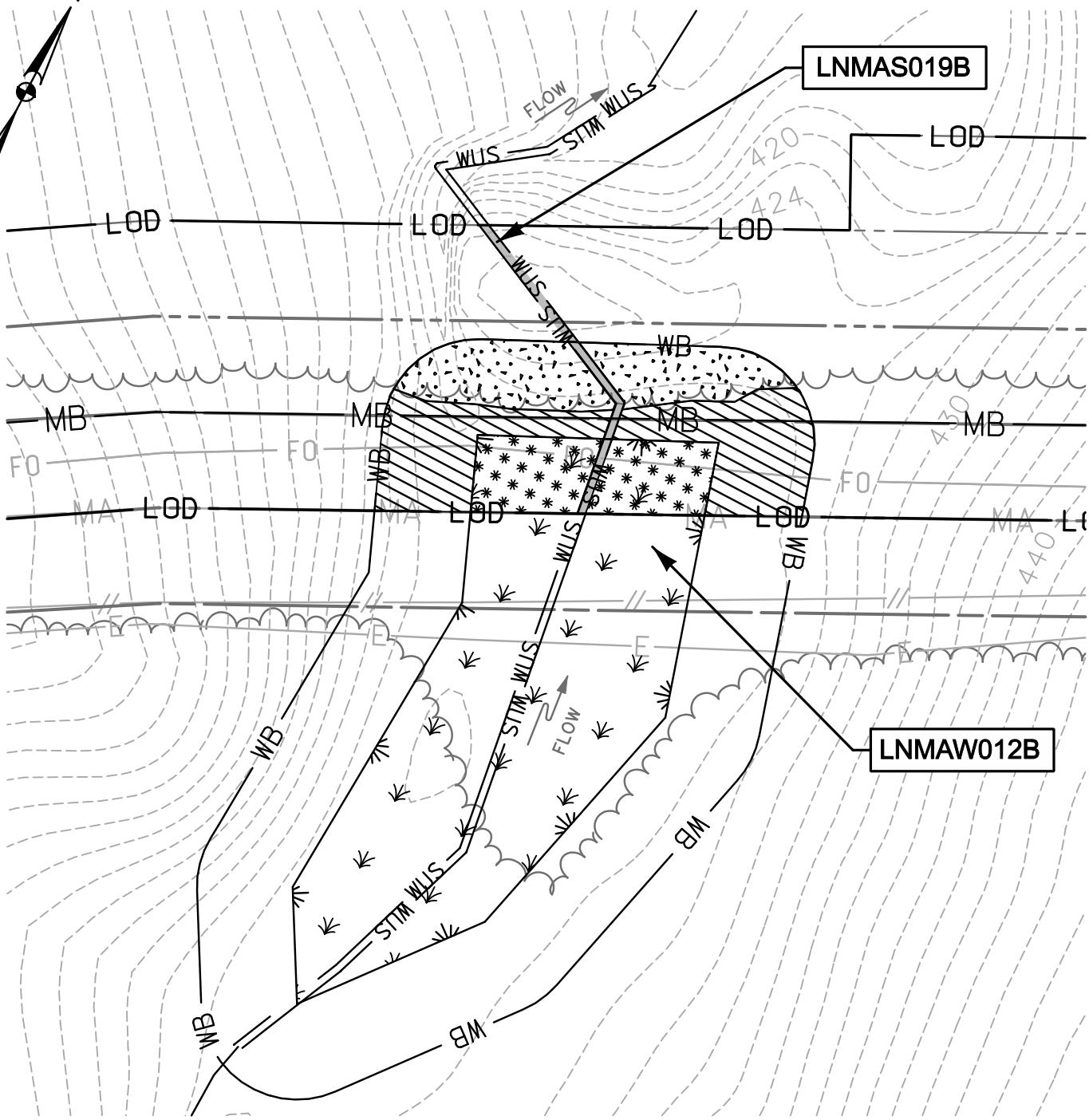
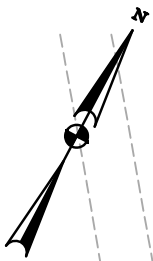
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IMPACT 20

LNMAS017B




 TEMPORARY WATERS OF U.S. IMPACT
 178 SF./ 0.004 AC./ 89 LF.


 PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
 1,462 SF./ 0.03 AC.


 TEMPORARY NON-TIDAL PEM WETLAND IMPACT
 1,179 SF./ 0.03 AC.


 TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
 2,024 SF./ 0.05 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 41 OF 90

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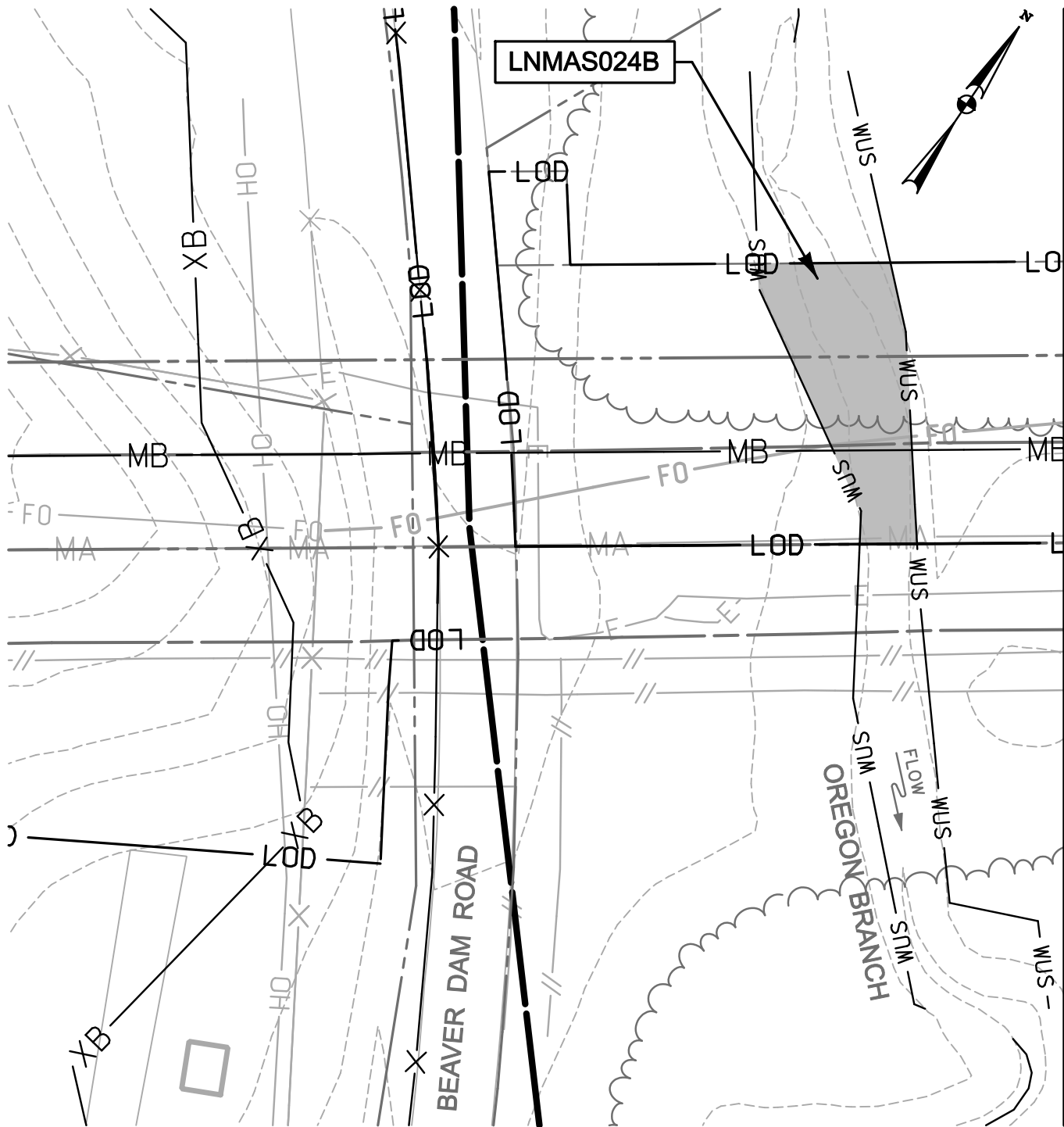
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IMPACT 21

LNMAW012B; LNMA019B



MATCHLINE (SEE IMPACT 23)

FLOODPLAIN IMPACT THIS SHEET: 11,685 SF. / 0.27 AC.

TEMPORARY WATERS OF U.S. IMPACT
1,935 SF. / 0.04 AC. / 77 LF.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 42 OF 90



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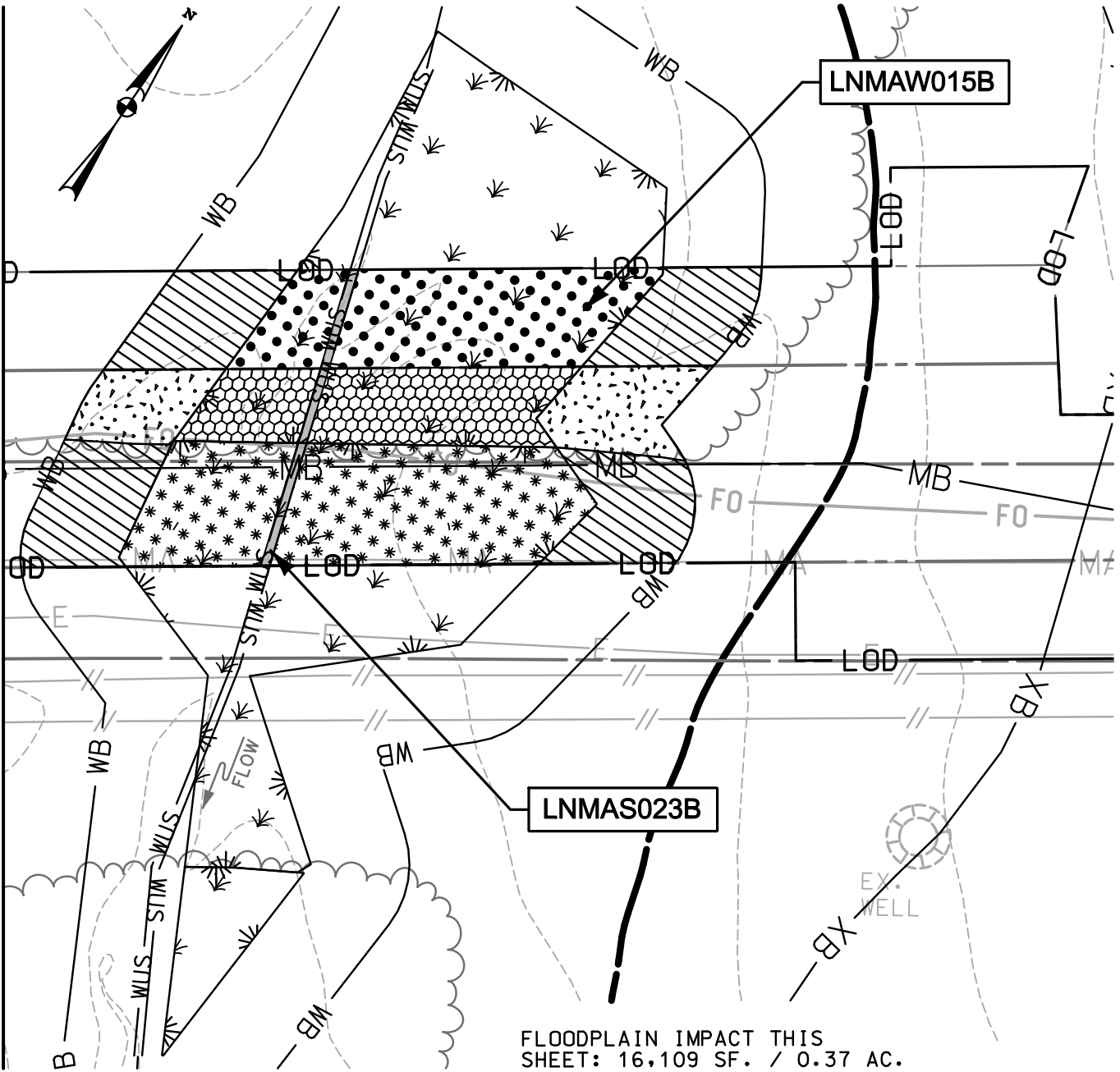
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IMPACT 22


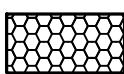

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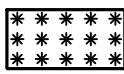


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MATCHLINE (SEE IMPACT 22)



FLOODPLAIN IMPACT THIS SHEET: 16,109 SF. / 0.37 AC.

-  TEMPORARY WATERS OF U.S. IMPACT
157 SF./ 0.004 AC./ 78 LF.
-  NON-TIDAL PFO WETLAND CONVERSION IMPACT
1,704 SF./ 0.04 AC.
-  TEMPORARY NON-TIDAL PFO WETLAND IMPACT
2,253 SF./ 0.05 AC.

-  TEMPORARY NON-TIDAL PEM WETLAND IMPACT
3,276 SF./ 0.08 AC.
-  PERMANENT 25' NON-TIDAL WETLAND BUFFER IMPACT
966 SF./ 0.02 AC.
-  TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
3,535 SF./ 0.08 AC.

NOTE: REFER TO LEGEND FOR ABBREVIATION AND SYMBOL DEFINITIONS.

SHEET 43 OF 90

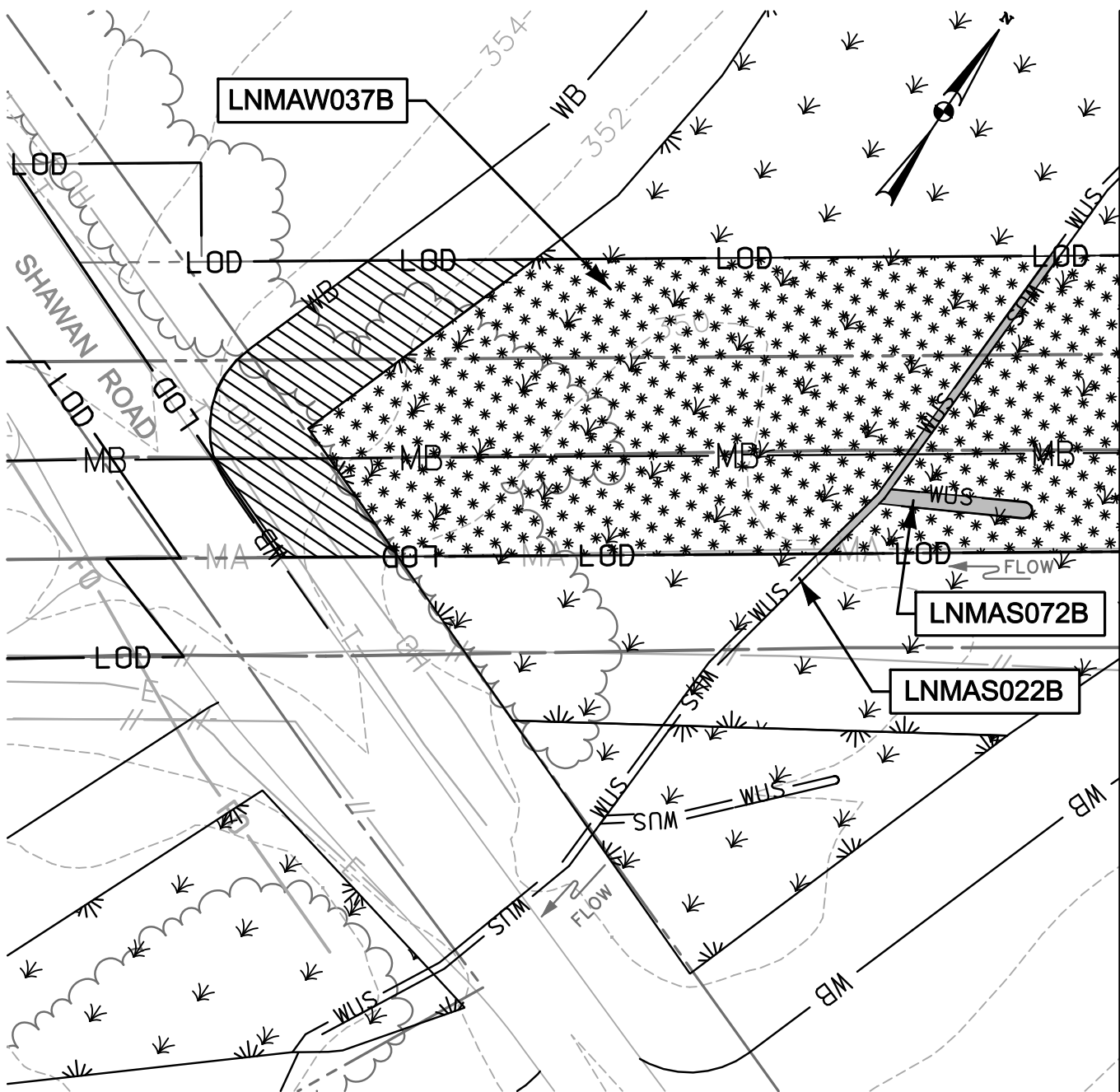
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IMPACT 23
 LNMAW015B; LNMAW023B



MATCHLINE (SEE IMPACT 25)

- TEMPORARY WATERS OF U.S. IMPACT
 339 SF./ 0.008 AC./ 132 LF.
- TEMPORARY NON-TIDAL PEM WETLAND IMPACT
 13,479 SF./ 0.31 AC.
- TEMPORARY 25' NON-TIDAL WETLAND BUFFER IMPACT
 2,623 SF./ 0.06 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 44 OF 90

PLOTTED: '03:13 PM on Wednesday, May 27, 2015"
 BY: Christopher Deibel/Division: P050 Natural Res Emp
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ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS

KCI
 TECHNOLOGIES

936 RIDGEBROOK ROAD
 SPARKS, MARYLAND 21152
 TELEPHONE: (410) 316-7800
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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 24
 LNMAW037B; LNMAW022B; LNMAW072B