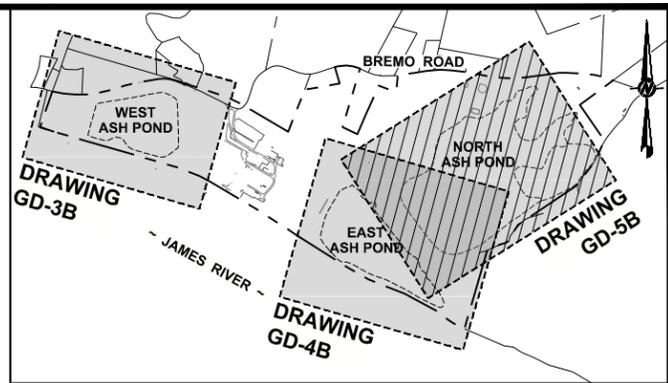
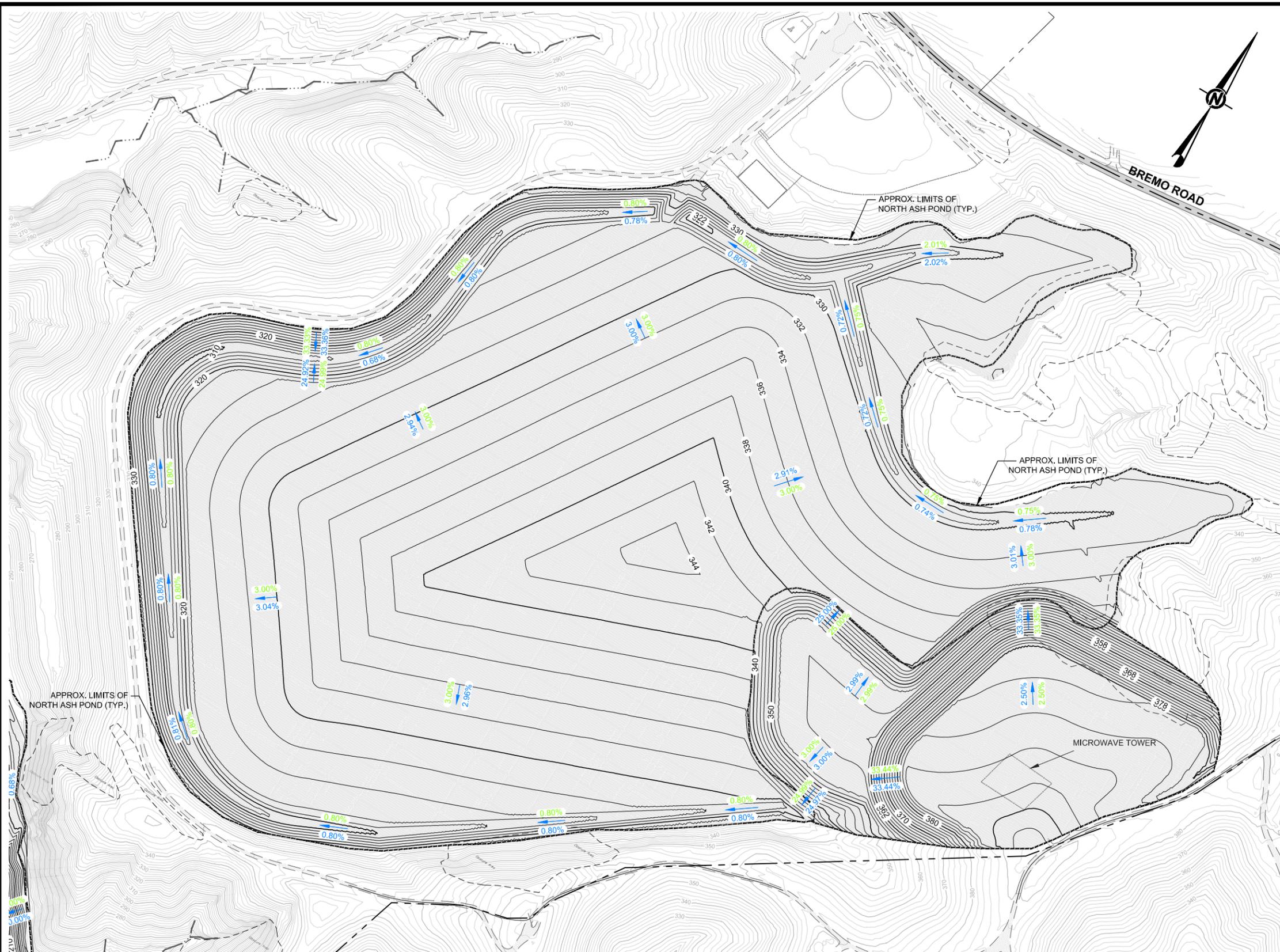


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SITE KEY NOT TO SCALE

LEGEND

- DOMINION PROPERTY BOUNDARY
- - - - ADJACENT PROPERTY BOUNDARY
- - - - APPROXIMATE LIMITS OF EXISTING ASH PONDS
- EXISTING TOPOGRAPHIC CONTOURS (2' INTERVALS)
- DESIGN SURFACE CONTOURS (2' INTERVALS)
- EXISTING PAVED ROAD
- EXISTING UNPAVED ROAD
- EXISTING RAILROAD
- CREEK CENTERLINE
- EXISTING TREE LINE
- EXISTING FENCE
- EXISTING GAS LINE
- DENOTES AREAS OF TOPOGRAPHY THAT DO NOT MEET MINIMUM ACCURACY STANDARDS FOR AERIAL SURVEYING
- POST-SETTLEMENT SLOPE
- SURFACE GRADE ARROW
- DESIGN SLOPE

NOTE

PREDICTED SETTLEMENT BASED ON DEGRADED ELASTIC MODULUS BASED ON IN-SITU TESTS; ACTUAL SETTLEMENT MAY VARY BETWEEN OR AWAY FROM CPT LOCATIONS DUE TO CHANGES IN MATERIAL PROPERTIES. PRESENTED CONTOURS HAVE NOT BEEN SMOOTHED, NOTING ACTUAL SETTLEMENT WILL BE SMOOTHER.

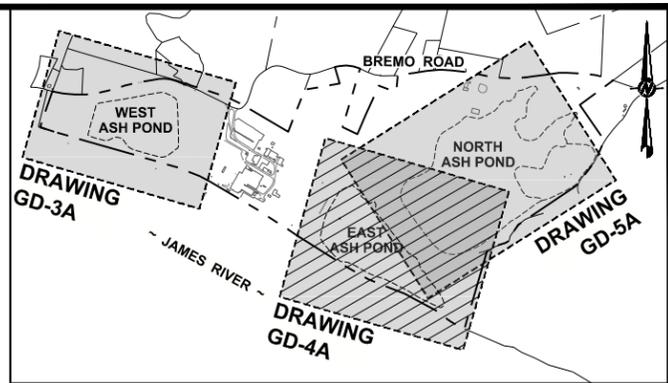
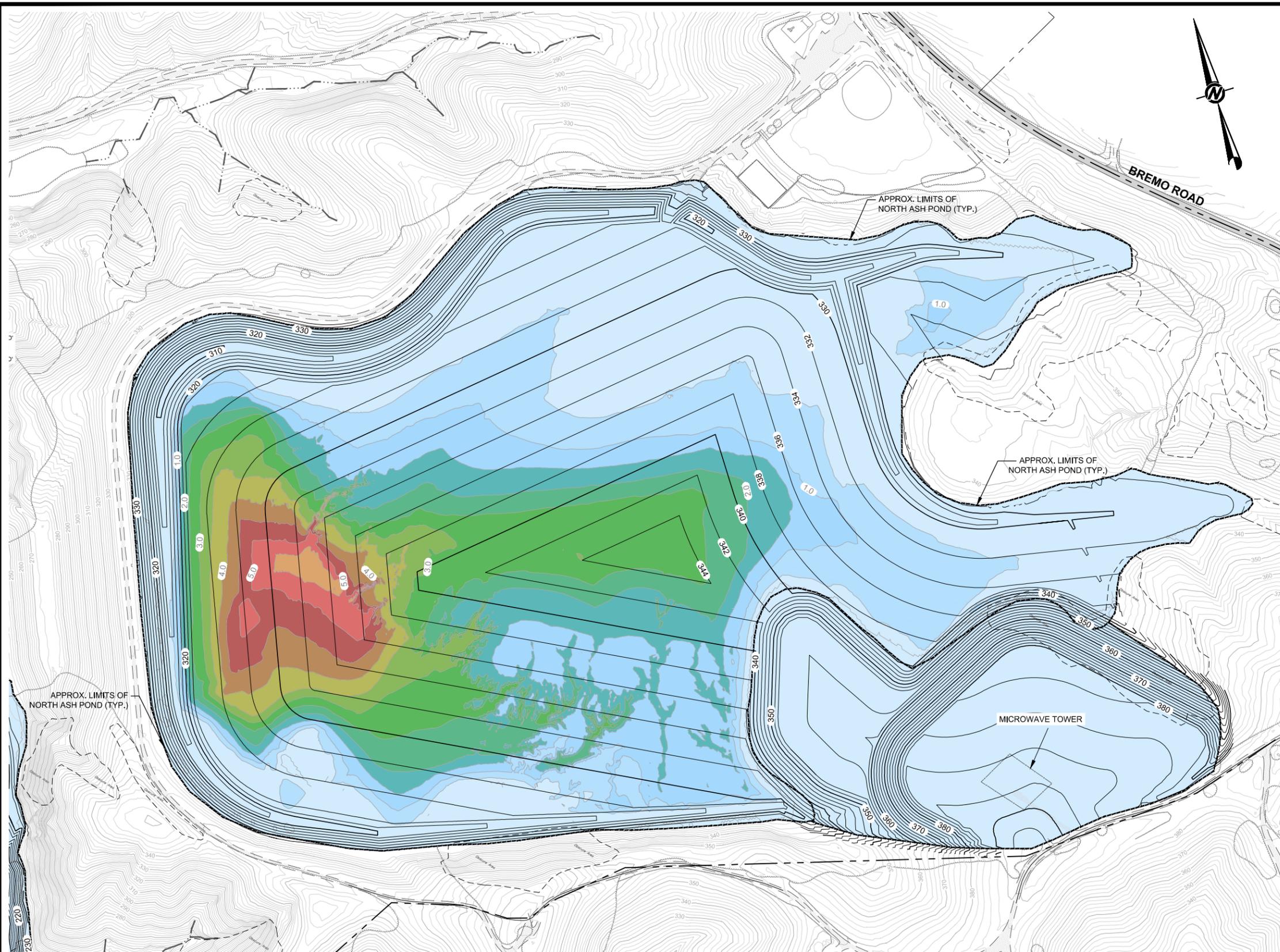
REFERENCES

1. AERIAL TOPOGRAPHIC SURVEY PREPARED BY MCKENZIE SNYDER, INC., DATE OF AERIAL PHOTO: 01/16/15 (CONTROL PREPARED BY H&B SURVEYING & MAPPING (H&B)).
2. 90% DESIGN GRADES PREPARED BY GOLDER ASSOCIATES INC., DATED 09/15/15.

REV	DATE	REVISION DESCRIPTION	DES	CADD	CHK	RVV
PROJECT						
DOMINION BREMO POWER STATION CCR IMPOUNDMENT CLOSURE FLUVANNA COUNTY, VIRGINIA						
TITLE						
PREDICTED POST SETTLEMENT SURFACE NORTH POND						

	PROJECT No.	15-20347	FILE No.	1520347AD0.B:08B
	DESIGN	-	SCALE	AS SHOWN
	CADD	SEP	11/30/15	
	CHECK	JGM	11/30/15	
	REVIEW	GLH	11/30/15	
DRAWING GD-8B				





SITE KEY NOT TO SCALE

LEGEND

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- EXISTING TREE LINE
- EXISTING FENCE
- GAS EXISTING GAS LINE
- DENOTES AREAS OF TOPOGRAPHY THAT DO NOT MEET MINIMUM ACCURACY STANDARDS FOR AERIAL SURVEYING

SETTLEMENT

RANGE (FT)	COLOR
0.00 - 0.50	Lightest Blue
0.50 - 1.00	Light Blue
1.00 - 1.50	Medium Light Blue
1.50 - 2.00	Teal
2.00 - 2.50	Green
2.50 - 3.00	Light Green
3.00 - 3.50	Yellow-Green
3.50 - 4.00	Yellow
4.00 - 4.50	Orange
4.50 - 5.00	Red-Orange
5.00 - 5.50	Red
5.50 - 6.00	Dark Red

NOTES

PREDICTED SETTLEMENT BASED ON CONSOLIDATION THEORY CONSIDERING UNIFORM DRAINAGE DRAWDOWN, AND CONSERVATIVELY NOT CONSIDERING CEMENTATION, AGING & OTHER DIAGENESIS. SEE PREDICTED PLOTS FOR PRESENTATION OF ESTIMATED SETTLEMENTS.

REFERENCES

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REV	DATE	REVISION DESCRIPTION	DES	CADD	CHK	RVV

PROJECT
 DOMINION
 BREMO POWER STATION
 CCR IMPOUNDMENT CLOSURE
 FLUVANNA COUNTY, VIRGINIA

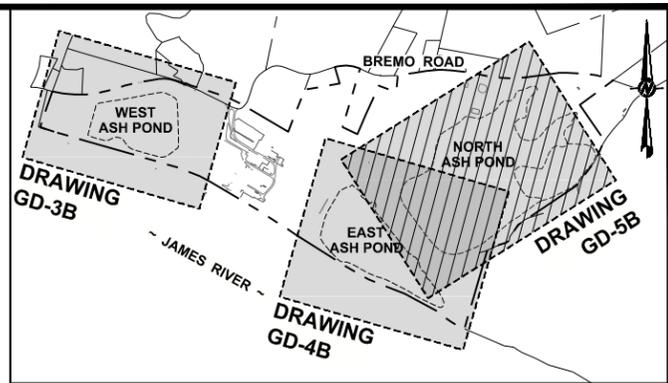
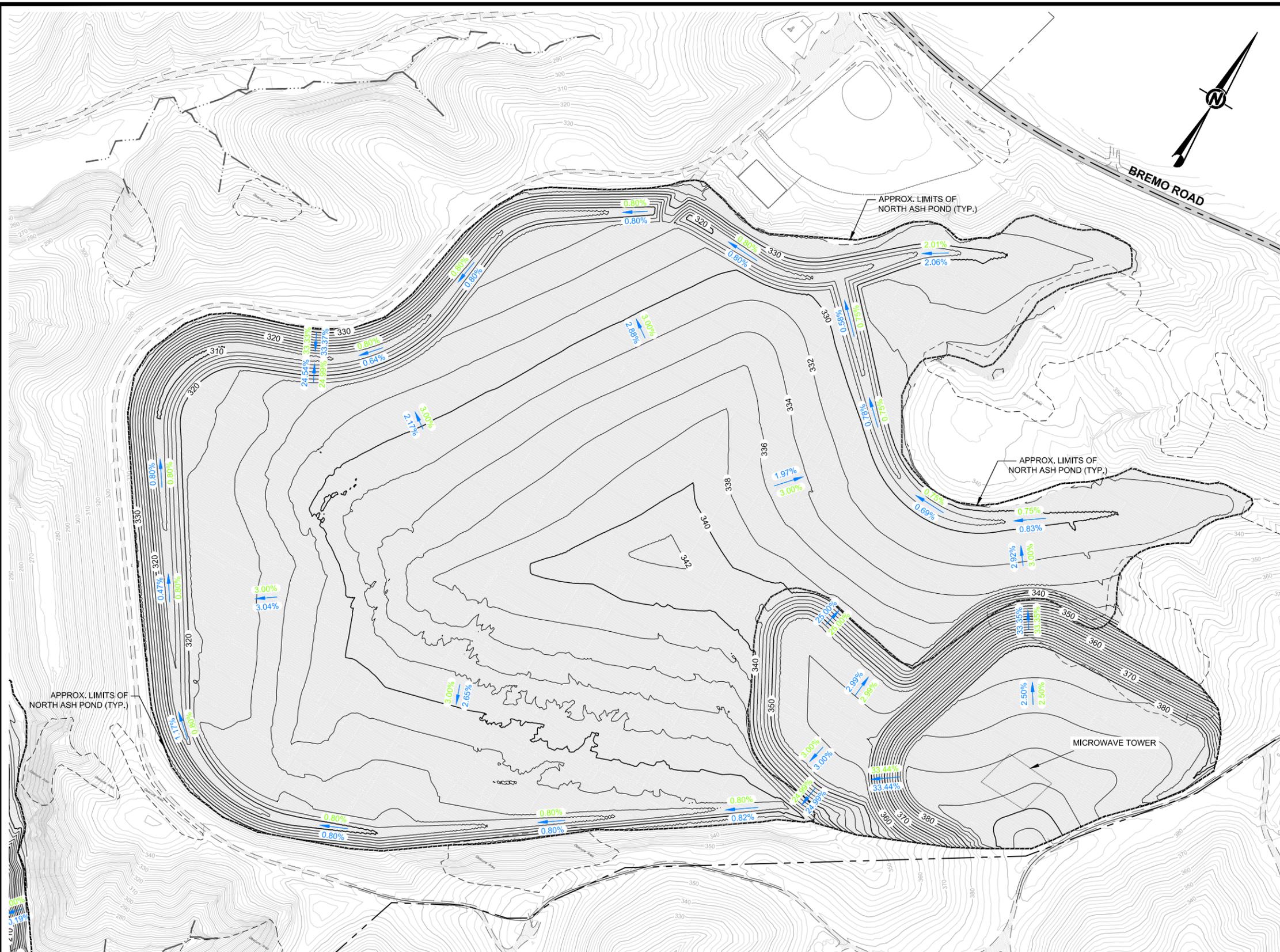
TITLE
**CONSERVATIVE SETTLEMENT ISOPACHS
 EAST POND**

PROJECT No.	15-20347	FILE No.	1520347AD07A-09A
DESIGN	-	SCALE	AS SHOWN
CADD	SEP 11/30/15	DRAWING GD-9A	
CHECK	JGM 11/30/15		
REVIEW	GLH 11/30/15		



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SITE KEY NOT TO SCALE

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NOTES

PREDICTED SETTLEMENT BASED ON CONSOLIDATION THEORY CONSIDERING UNIFORM DRAINAGE DRAWDOWN, AND CONSERVATIVELY NOT CONSIDERING CEMENTATION, AGING & OTHER DIAGNOSIS. SEE PREDICTED PLOTS FOR PRESENTATION OF ESTIMATED SETTLEMENTS.

- REFERENCES**
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REV	DATE	REVISION DESCRIPTION	DES	CADD	CHK	RVV

PROJECT: DOMINION BREMO POWER STATION CCR IMPOUNDMENT CLOSURE FLUVANNA COUNTY, VIRGINIA

TITLE: CONSERVATIVE POST SETTLEMENT SURFACE NORTH POND

PROJECT No.	15-20347	FILE No.	1520347AD07B_09B
DESIGN	-	SCALE	AS SHOWN
CADD	SEP 11/30/15	DRAWING GD-9B	
CHECK	JGM 11/30/15		
REVIEW	GLH 11/30/15		

