Part B

<u>Site Evaluation</u> - to be completed by Class II or III Designer or Soil Evaluator Please use the area below to locate:

- 1. Test holes
- 2. Approximate direction of due north

Annmyima	Key:
Approxima	ite location of test holes
- Estimated	gradient and direction of slope
Approxima	te direction of due north

3. Offsets from test holes to fixed points such as street, utility pole, or other permanent, marked object
NT 44 C 1
Not to Scale
1. Relief and Slope:
2. Presence of any watercourse, wetlands or surface water bodies, within 200 feet of test holes: YES□ NO□ If yes, locate on above sketch.
3. Presence of existing or proposed private drinking water wells within 200 feet of test holes: YES NO If yes, locate on above sketch.
4. Public drinking water wells within 500 feet of test holes: YES□ NO□ If yes, locate on above sketch.
5. Is site within the watershed of a public drinking water reservoir or other critical area defined in SD 19.00? YES NO
6. Has soil been excavated from or fill deposited on site? YES NO If yes, locate on above sketch Excavated and Filled
7. Site's potential for flooding or ponding: NONED SLIGHTD MODERATED SEVERED
3. Landscape position:
9. Vegetation:
10. Indicate approximate location of property lines and roadways.
11. Additional comments, site constraints or additional information regarding site: The soil evaluation results will provide soil texture and the estimated doubt to the Second High Water Table (SHWT) beard your qualitative field accessment techniques. No leb analysis of soil.
The soil evaluation results will provide soil texture and the estimated depth to the Seasonal High Water Table (SHWT) based upon qualitative field assessment techniques. No lab analysis of soil naterial is proposed to verify qualitative estimates in the field. To definitively determine the actual depth to the SHWT, it is necessary to install monitoring wells/pipes and record water level luctuations over a long time period. No long-term monitoring is proposed. Original soil texture and SHWT estimates may need to be revised based upon additional information from other soil
valuations, excavations, and/or bottom inspections prior to the OWTS installation or drainage structure installation. Soil evaluations for septic system design only, not for foundation elevation.
The undersigned hereby certifies that all information on this application and accompanying forms, submittals and sketches are true and accurate and that I have
peen authorized by the owner(s) to conduct these necessary field investigations and submit this request.
Part A prepared by:
D-4029 Signatura Signatura
Signature License # Signature License #
FOR OFFICE USE ONLY
Decision: Approved Disclaimed D
Comments:

Signature Authorized Agent Date



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Environmental Management Office of Water Resources



Site Evaluation Form
Part A - Soil Profile Description

Application Number

Drainage

		Fait A - Juli Fruille Description	Application Number	<u> </u>
Property Owner: _	Calise Development, LLC	•	P. P. 300 30 00 00 10 10 10 10 10 10 10 10 10 10 10	
Property Location:	Warren Avenue, AP 18 L	ot 714, Cranston		
Date of Test Hole:	March 22, 2024			
Soil Evaluator:k			_ License Number: _ D-402	9
Weather: Sunn	у		Shaded: YesX No□ Tim	ne:0900

TH1 Horizon	Depth	Horizon B Dist	oundaries Topo	Soil (Matrix	Colors Re-Dox Features	Re-Dox Description Ab. S. Con.	Texture	Structure	Consistence	in/hr ft/min
Аp	12	а	S	10YR 2/2			fsl	1 sbk f	1	1.02 0.0014
Bw	30	а	s	10YR 4/6	7.5YR5/8	c - m - p	fsl	1 sbk f	fr	1.02 0.0014
2 <i>C</i>	74	а	S	10YR 5/4	7.5YR5/6	c - m - p	gs	0 - sg	loose	8.27 0.0115
2C2	96			2.5У 6/3			gcos	0 - sg	loose	8.27 0.0115
TH2_ Horizon	Depth	Horizon B Dist	oundaries Topo	Soil (Matrix	Colors Re-Dox Features	Re-Dox Description Ab. S. Con.	Texture	Structure	Consistence	in/hr ft/min
Ap	8	α	S	10YR 2/2			fsl	1 sbk f	fr	1.02 0.0014
Bw	16	С	S	10YR 5/6			sil	2 sbk f	fr	0.27 0.0004
Bw2	25	С	S	2.5У 5/4	2.5Y 5/1	c - m - d	sil	1 sbk f	fr	0.27 0.0004
Cg	44	α	w	2.5Y 5/2	10YR 5/6	c - m - p	sil	O - m	fr	0.27 0.0004
2Cg	90	α	S	2.5У 6/1			sil	O - m	fr	0.27 0.0004
3 <i>C</i>	108			10YR 6/3			S	O - sg	loose	8.27 0.0115

Soil Class:	Aeolian over Outwash	Total Depth of eachTest Hole:	9	6" -	108"	
Depth to Groundwater Seepa	ge:SE-1 = 38" SE-2 44"	Depth to Impervious or Limiting	Layer:	None	e Encountere	ed
Estimated Seasonal High Wa	CE 1 - 12" CE 2.1/"	Comments: Base of Hill - L		ion - e	vidence of f	loodir
	5 & 3/26. Evidence of groundwater	at the surface of pipes fol	llowing rai	nfall.		

Readings: 3/24 SE-1 @ 28" SE-2 @ 27" : 3/25 SE-1 @ 48" SE-2 @ 32" : 3/26 SE-1 @ 39" SE-2 @ 37"

Part B

<u>Site Evaluation</u> - to be completed by Class II or III Designer or Soil Evaluator Please use the area below to locate:

- 1. Test holes
- 2. Approximate direction of due north

_	Key:
A	pproximate location of test holes
► E	stimated gradient and direction of slope
A	pproximate direction of due north

3. Offsets from test holes to fixed points such as street, utility pole, or other permanent, marked object
Not to Scale
110000 50010
1. Relief and Slope:
2. Presence of any watercourse, wetlands or surface water bodies, within 200 feet of test holes: YES NO If yes, locate on above sketch.
3. Presence of existing or proposed private drinking water wells within 200 feet of test holes: YES NO If yes, locate on above sketch.
4. Public drinking water wells within 500 feet of test holes: YES NO If yes, locate on above sketch.
5. Is site within the watershed of a public drinking water reservoir or other critical area defined in SD 19.00? YES NO
6. Has soil been excavated from or fill deposited on site? YES NO If yes, locate on above sketch Excvated and Filled
7. Site's potential for flooding or ponding: NONE SLIGHT MODERATE SEVERES
8. Landscape position:
9. Vegetation:
10. Indicate approximate location of property lines and roadways.
11. Additional comments, site constraints or additional information regarding site:
The soil evaluation results will provide soil texture and the estimated depth to the Seasonal High Water Table (SHWT) based upon qualitative field assessment techniques. No lab analysis of soil material is proposed to verify qualitative estimates in the field. To definitively determine the actual depth to the SHWT, it is necessary to install monitoring wells/pipes and record water level fluctuations over a long time period. No long-term monitoring is proposed. Original soil texture and SHWT estimates may need to be revised based upon additional information from other soil evaluations, excavations, and/or bottom inspections prior to the OWTS installation or drainage structure installation. Soil evaluations for septic system design only, not for foundation elevation.
Certification The undersigned hereby, certifies that all information on this application and accompanying forms, submittals and sketches are true and accurate and that I have
The Undersidned neterial certifies that all information of this application and accompanying forms, suprimitials and specifies are true and accordance and true in have
been authorized by the owner(s) to conduct these necessary field investigations and submit this request.
been authorized by the owner(s) to conduct these necessary field investigations and submit this request. Part A prepared by D-4029 Signature Signature License # Signature License #
been authorized by for owner(s) to conduct these necessary field investigations and submit this request. Part A prepared by: D-4029 Signature License # FOR OFFICE USE ONLY D-4029 Signature License #
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STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Environmental Management Office of Water Resources



Site Evaluation Form Part A - Soil Profile Description

Application Number

Drainage

				0.1.111115
Property Owner:	Calise Development, LLC		P P TO SEC.	
Property Location:	Warren Avenue, AP 18 L	ot 714, Cranston		
Date of Test Hole:	March 22, 2024			
Soil Evaluator:			License Number: D-4029	
Weather: Sunn	У		Shaded: Yes	0900

TH3_		Horizon B	oundaries	Soil (Colors	Re-Dox Descri	iption				in/hr
Horizon	Depth	Dist	Торо	Matrix	Re-Dox Features		Con.	Texture	Structure	Consistence	ft/min
Аp	8	а	S	10YR 2/2				fsl	1 sbk f	1	1.02 0.0014
Bw	16	а	s	10YR 3/6				sl	1 sbk f	fr	1.02 0.0014
2 <i>C</i>	32	а	s	10YR 4/6				gsl	0 - sg	loose	1.02 0.0014
2 <i>C</i> 2	60	а	S	10YR 6/4				gs	O - sg	loose	8.27 0.0115
2 <i>C</i> 3	74	a	s	2.5У 6/2				fs	0 - sg	loose	8.27 0.0115
2 <i>C</i> 4	144			2.5У 6/3				S	O - sg	loose	8.27 0.0115
TU 1											
1H 4		Horizon B	oundaries	I Soil (Colors	Re-Doy Descri	intion			l .	
TH4 Horizon	Depth	Horizon B Dist	Soundaries Topo	Soil (Matrix	Re-Dox Features	Re-Dox Descri Ab. S.	iption Con.	Texture	Structure	Consistence	in/hr ft/min
	Depth 8				Re-Dox Features			Texture fsl	Structure 1 sbk f	Consistence fr	
Horizon		Dist	Торо	Matrix	Re-Dox Features						ft/min 1.02
Horizon Ap	8	Dist a	Topo	Matrix 10YR 2/2	Re-Dox Features			fsl	1 sbk f	fr	1.02 0.0014 1.02
Ap Bw	8 20	Dist a c	Topo s s	Matrix 10YR 2/2 10YR 4/6	Re-Dox Features			fsl	1 sbk f 1 sbk f	fr fr	1.02 0.0014 1.02 0.0014 1.02
Ap Bw Bw2	8 20 36	Dist a c	Topo S S	Matrix 10YR 2/2 10YR 4/6 10YR 5/6	Re-Dox Features			fsl fsl gfsl	1 sbk f 1 sbk f 1 sbk f	fr fr fr	1.02 0.0014 1.02 0.0014 1.02 0.0014 8.27

Soil Class:	Aeoliar	n over Ice C	ontact		Total Depth of	eachTest Hole:	144	·" -	180"	
Depth to Groundw	ater Seepage: _	SE-3 = 130)" : SE-4 @	170"	Depth to Imper	rvious or Limiting L	_ayer:	None	e Encount	ered
Estimated Season		le: SE-3 = 1	108" : SE-4	@ 149"	Comments:	•		/24, 3	3/25 & 3/	26
Readings: 3/	'24 SE-3 @ 10	8" SE-4 @ :	162" : 3/25	SE-3 @ 1	108" SE-4 @	149" : 3/26 SE	E-3 @ 10	3" SE-	-4 @ 149′	,
Higher ele	vation on prop	erty. Loose	gravelly so	and paren	t material.					

Part B

<u>Site Evaluation</u> - to be completed by Class II or III Designer or Soil Evaluator Please use the area below to locate:

- 1. Test holes
- 2. Approximate direction of due north

ı	Key:
Approxi	mate location of test holes
► Estimate	ed gradient and direction of slope
Approxi	mate direction of due north

Offsets from test holes to fixed points such as street, utility pole, or other permanent, marked object	
1. Relief and Slope:	
2. Presence of any watercourse, wetlands or surface water bodies, within 200 feet of test holes: YESD NOD If yes, to	ocate on above sketch.
	cate on above sketch.
4. Public drinking water wells within 500 feet of test holes: YES□ NO□ If yes, locate on above sketch.	
5. Is site within the watershed of a public drinking water reservoir or other critical area defined in SD 19.00? YES NO	
6. Has soil been excavated from or fill deposited on site? YES NO If yes, locate on above sketch Excavated	
7. Site's potential for flooding or ponding: NONE SLIGHT MODERATE SEVERES	and i mod
8. Landscape position:	
9. Vegetation:	
10. Indicate approximate location of property lines and roadways.	
Additional comments, site constraints or additional information regarding site:	
The soil evaluation results will provide soil texture and the estimated depth to the Seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the estimated depth to the Seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the estimated depth to the Seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the estimated depth to the Seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the estimated depth to the Seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the estimated depth to the Seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the estimated depth to the Seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the estimated depth to the Seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the estimated depth to the Seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the seasonal High Water Table (SHWT) based upon qualitative field assessment texture and the seasonal High Water Table (SHWT) based upon qualitative field assessment	
material is proposed to verify qualitative estimates in the field. To definitively determine the actual depth to the SHWT, it is necessary to install monitoring wells fluctuations over a long time period. No long-term monitoring is proposed. Original soil texture and SHWT estimates may need to be revised based upon addition	s/pipes and record water level
evaluations, excavations, and/or bottom inspections prior to the OWTS installation or drainage structure installation. Soil evaluations for septic system design on Certification	
The undersigned hereby certifies that all information on this application and accompanying forms, submittals and sketches are true	and accurate and that I have
been authorized by the owner(s) to conduct these necessary field investigations and submit this request.	dia document
Part A prepared by:	
D-4029	1:
Signature License # Signature	License #
FOR OFFICE USE ONLY	
Decision: Approved Disclaimed D	
Comments:	
Signature Authorized Agent Date	



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Environmental Management Office of Water Resources



Site Evaluation Form Part A - Soil Profile Description

Application Number

Drainage

				0.1.111115
Property Owner:	Calise Development, LLC		P P 2000 0 200	
Property Location:	Warren Avenue, AP 18 L	ot 714, Cranston		
Date of Test Hole:	March 22, 2024			
Soil Evaluator:			License Number: D-4029	
Weather: Sunn	У		Shaded: Yes	0900

TH5_ Horizon	Depth	Horizon B Dist	oundaries Topo	Soil (Matrix	Colors Re-Dox Features	Re-Dox Description Ab. S. Con.	Texture	Structure	Consistence	in/hr ft/min
Аp	10	а	S	10YR 2/2			fsl	1 gr f	1	1.02 0.0014
Bw	20	С	s	10YR 4/6			fsl	1 sbk f	fr	1.02 0.0014
Bw2	33	а	w	10YR 5/6			fsl	1 sbk f	fr	1.02 0.0014
С	48	α	w	10YR 5/6			gcos	O - sg	loose	8.27 0.0115
2C	82	а	W	2.5У 6/2			fs	O - sg	loose	8.27 0.0115
3 <i>C</i>	180			10YR 5/4	7.5YR5/6	c - m - p	gcos	O - sg	loose	8.27 0.0115
TH6_ Horizon	Depth	Horizon B Dist	oundaries Topo	Soil (Matrix	Colors Re-Dox Features	Re-Dox Description Ab. S. Con.	Texture	Structure	Consistence	in/hr ft/min
Аp	8	α	s	10YR 2/2			fsl	1 sbk f	fr	1.02 0.0014
Bw	14	α	w	10YR 4/4			gfsl	1 sbk f	fr	1.02 0.0014
2 <i>C</i>	72	α	S	2.5У 6/4			cb gcos	O - sg	loose	8.27 0.0115
3 <i>C</i>	160	α	w	2.5У 5/2			s	O - sg	loose	8.27 0.0115

Soil Class: Aeolian	over Ice Contact	Total Depth of eachTest Hole:	180" - 160"
Depth to Groundwater Seepage:	SE-5 = 160" SE-6 @ 140"	Depth to Impervious or Limiting Layer:	None Encountered
Estimated Seasonal High Water Table	SE-5 = 140" : SE-6 = 110"	Comments: Pines read 3/24 3/2	 5 & 3/26

Readings: 3/24 SE-5 @ 141" SE-6 @ 109" : 3/25 SE-5 @ 140" SE-6 @ 112" : 3/26 SE-5 @ 140" SE-6 @ 110"

Highest elevation on property. Loose gravelly sand parent material.