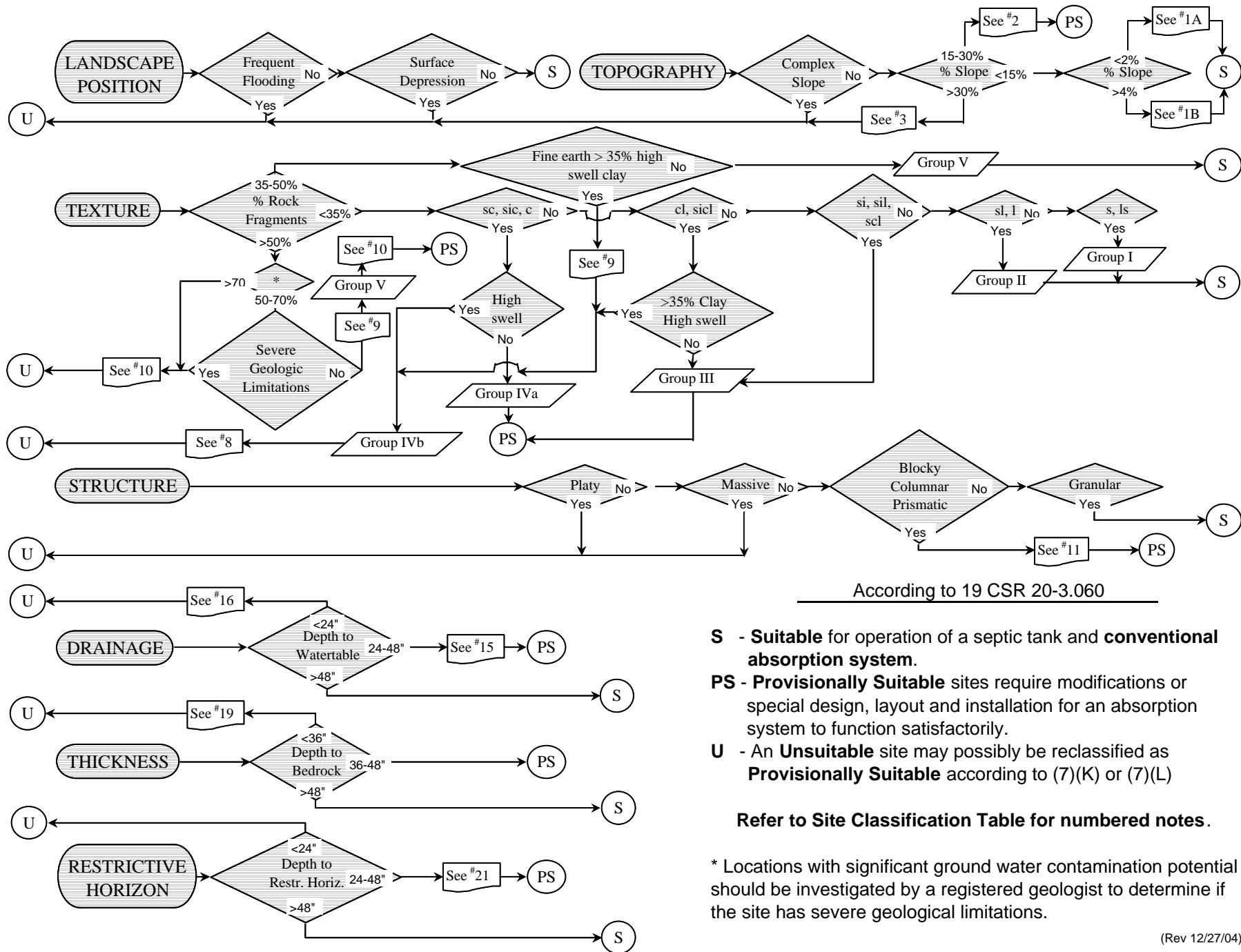


SITE CLASSIFICATION FLOW CHART



According to 19 CSR 20-3.060

S - Suitable for operation of a septic tank and conventional absorption system.

PS - Provisionally Suitable sites require modifications or special design, layout and installation for an absorption system to function satisfactorily.

U - An Unsuitable site may possibly be reclassified as Provisionally Suitable according to (7)(K) or (7)(L)

Refer to Site Classification Table for numbered notes.

* Locations with significant ground water contamination potential should be investigated by a registered geologist to determine if the site has severe geological limitations.

ADDITIONAL INFORMATION

	19 CSR 20-3.060:	Requirements / Recommendations
1	(7)(E)4	
2	(7)(E)5	Except when specifically approved by the local authority
3	(7)(E)	A) If < 2%, insure adequate surface drainage. B) If > 4%, absorption lines must follow contours
4	(7)(E)1	If soils are a minimum of 36 inches deep.
	(5)(A)11	<i>Should have 36 inches of soil below trench. May require installation of interceptor drains. Treatment area larger than minimum needed.</i>
5	(7)(5)3	
6	(7)(E)2 (PS if)	A) Terracing or placement maintains 10 feet between trench and top of fill embankment. B) 1 foot of S or PS soil directly below trench. C) Surface water is diverted. D) Groundwater flow is intercepted if needed. E) There is sufficient area available.
7	(7)(E)1	<i>Favorable application rates, but low filtering capacity. May need higher pretreatment.</i>
8	(7)(F)1A	
9	(7)(F)1E / (6)C Table 7	<i>Areas of severe geologic limitations should use a maximum application rate of 0.2 gpd/ft².</i>
10	(7)(F)1C	<i>Should only be dug when moist or dry.</i>
11	(7)(F)1D	<i>Should only be dug when moist or dry.</i>
12	(7)(F)1E	
13	(7)(F)1D	
	(6)(H)3	<i>Drip soil absorption systems may be allowed with a maximum application rate of 0.10gpd/ft²</i>
14	(7)(F)1E	
15	(7)(F)1E	
16	(5)(A)4	Shall have < 50% rock fragments and have a minimum of 4 feet vertical separation between the trench bottom and bedrock. Unlined absorption trenches shall not be installed when the field evaluation indicates the presence of large voids. Sand-lined trenches may be used with approval, where the percentage of bedrock is < 70% a minimum of 4 feet below the trench bottom. Should be designed with a maximum application rate of 0.45 gpd/ft ²
17	(7)(F)3	
18	(7)(F)3B	<i>Should only be dug when moist or dry.</i>
19		<i>Should only be dug when moist or dry.</i>
20		<i>Should only be dug when moist or dry.</i>
21	(7)(F)3B	
22	(7)(F)3C	
23	(7)(G)	
24	(7)(G)	If there is at least 1 foot of soil between the trench bottom and a water table.
25	(7)(G)	May be reclassified as PS if drainage system maintains a 1 foot vertical separation.
26	(7)(H)	
27	(7)(H)	
28	(7)(H)	May be reclassified as PS if there is 2 feet of S or PS soil below trench bottom.
29	(7)(I)	
30	(7)(I)	
	(5)(B)1	Shallow trenches shall provide a minimum of 2 feet of S or PS soil separation between the trench bottom and a water table.
31	(7)(I)	