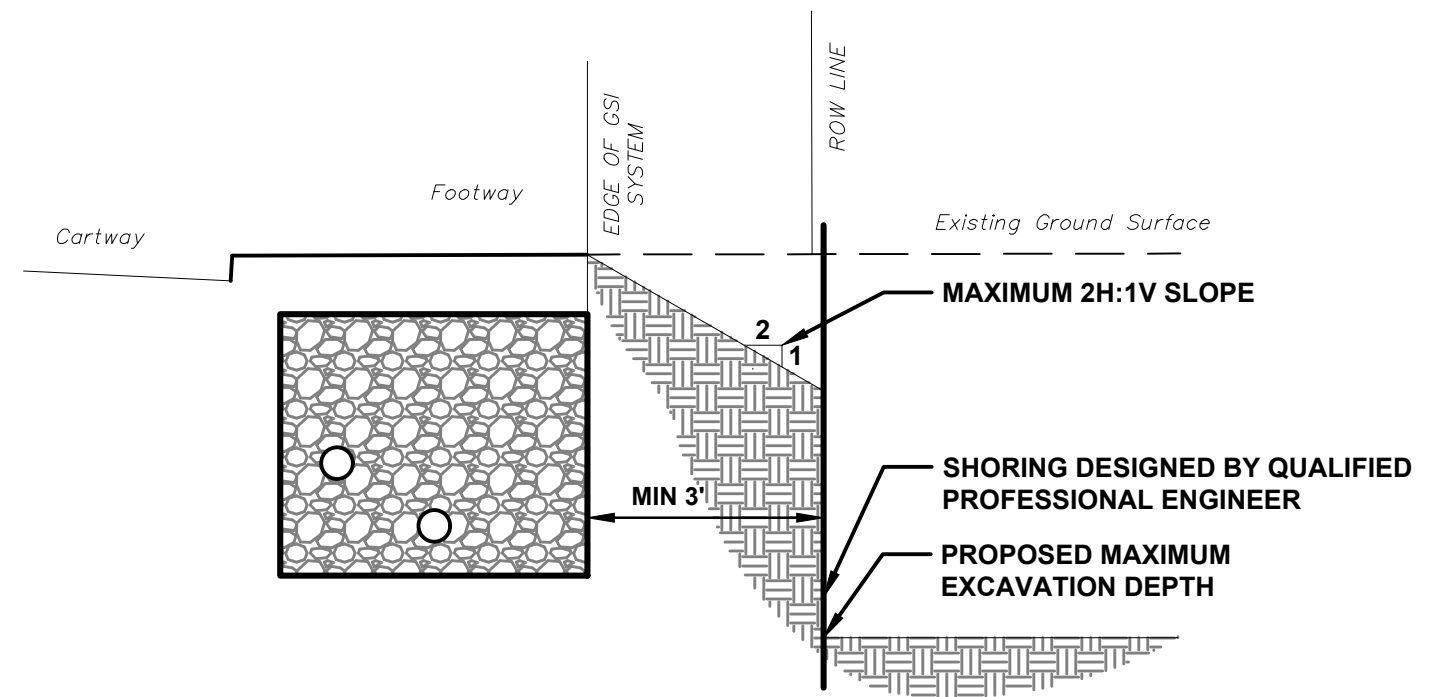


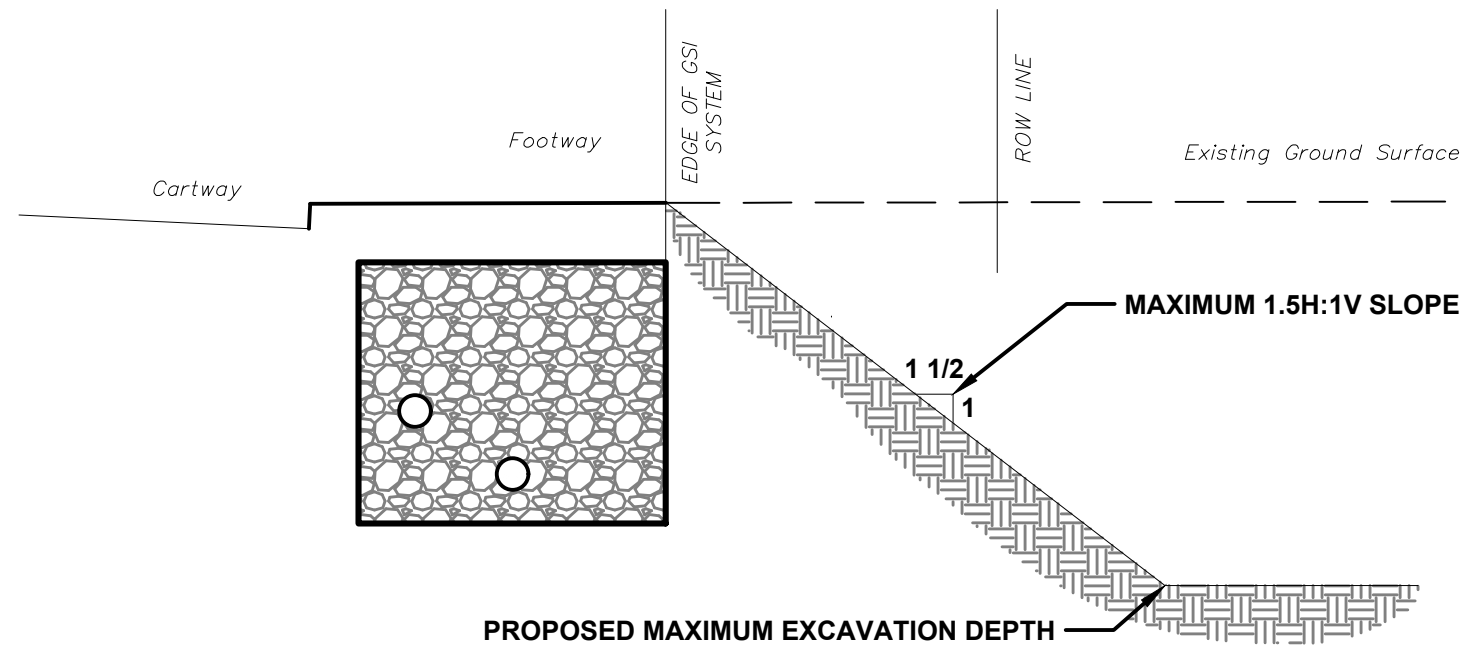
EXCAVATION ADJACENT TO GSI



EXCAVATION ADJACENT TO GSI WITH SHORING

NOTES

1. THIS GUIDANCE PROVIDES PREFERRED EXCAVATION ZONES ADJACENT TO EXISTING PWD GSI.
2. ORIENTATION /LAYOUT OF GSI, CARTWAY, FOOTWAY, AND ROW LINE ARE PRESENTED AS EXAMPLES AND WILL VARY IN FIELD.
3. THE DEVELOPER SHALL SUBMIT THE PROPOSED FOUNDATION SYSTEM (PLAN VIEW AND SECTIONS) AND A NARRATIVE EXPLAINING THE PLANNED METHODS TO BE USED TO PROTECT THE EXISTING GSI FOR REVIEW AND APPROVAL BY PWD.
4. MAXIMUM SLOPE FROM TOP OF GSI TRENCH TO BOTTOM OF EXCAVATION SHOULD BE 2H:1V UNLESS SOIL TESTING IS PERFORMED TO FURTHER ASSESS THE SITE SOILS.
5. A MAXIMUM SLOPE OF 1.5H:1V IS PERMITTED IF ANALYSIS CONFIRMS THE PRESENCE OF NATURAL, MEDIUM DENSE OR DENSER SANDS (SPT N VALUE OF 15 OR GREATER) OR STIFF CONSISTENCY SILT /CLAY SOILS (SPT N VALUE OF 9 OR GREATER) WITHIN THE EXCAVATION ZONE BETWEEN THE TOP AND BOTTOM ELEVATIONS OF THE EXISTING GSI.
6. IF MISCELLANEOUS FILL MATERIALS ARE PRESENT, A MAXIMUM 2H:1V SLOPE SHOULD BE MAINTAINED REGARDLESS OF SPT N VALUE.
7. A MINIMUM OF ONE TEST BORING PER 50 LINEAR FEET OF GSI TRENCH IS REQUIRED.
8. BORINGS SHALL BE PERFORMED WITHIN THREE TO FIVE FEET OF THE GSI TRENCH TO CHARACTERIZE THE SOILS THAT WILL RETAIN THE GSI SYSTEM.



EXCAVATION ADJACENT TO GSI IF SUPPORTED BY ADEQUATE SOIL TESTING AND ANALYSIS



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EXCAVATION ZONE ADJACENT TO GSI

VS.	DATE	INITIALS	REASON
1	6/3/2020	VJF	DETAIL CREATION

SCALE: N.T.S

DRAWING NUMBER:

X-1