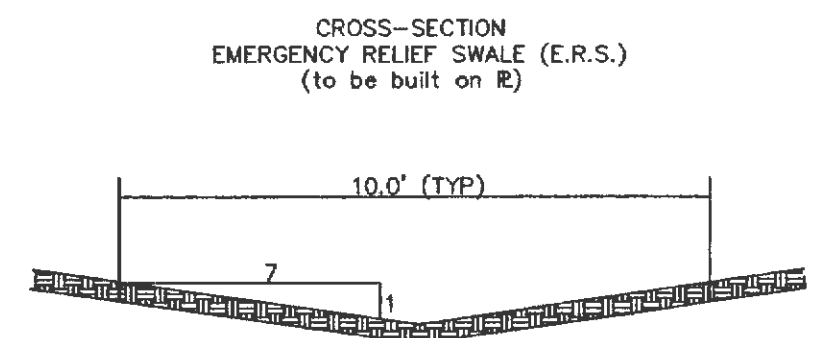


**AUBURN TRACE  
DRAINAGE AREAS(PROPOSED)**



Underground facilities, structures and utilities have been plotted from available surveys, records and information, and therefore, do not necessarily reflect the actual existence, non-existence, size, type, number or location of these facilities, structures, and utilities. The Contractor shall be responsible for verifying the actual location of all underground facilities, structures, and utilities, either shown or not shown on these plans. The underground facilities, structures, and utilities shall be located in the field prior to any grading, excavation or construction of improvements. These provisions shall in no way absolve any party from complying with the Underground Facility Safety and Damage Prevention Act, Chapter 319, RSMo.



CROSS-SECTION  
EMERGENCY RELIEF SWALE (E.R.S.)  
(to be built on E)

SWALE AT 1% MIN. GRADE WITH A MAX. "Q" OF 12.87 C.F.S.  
DEPTH = 1.54'  
VELOCITY = 1.55 F.P.S.

SWALE AT 7% MAX. GRADE WITH A MAX. "Q" OF 12.87 C.F.S.  
DEPTH = 1.07'  
VELOCITY = 3.92 F.P.S. n = 0.05

