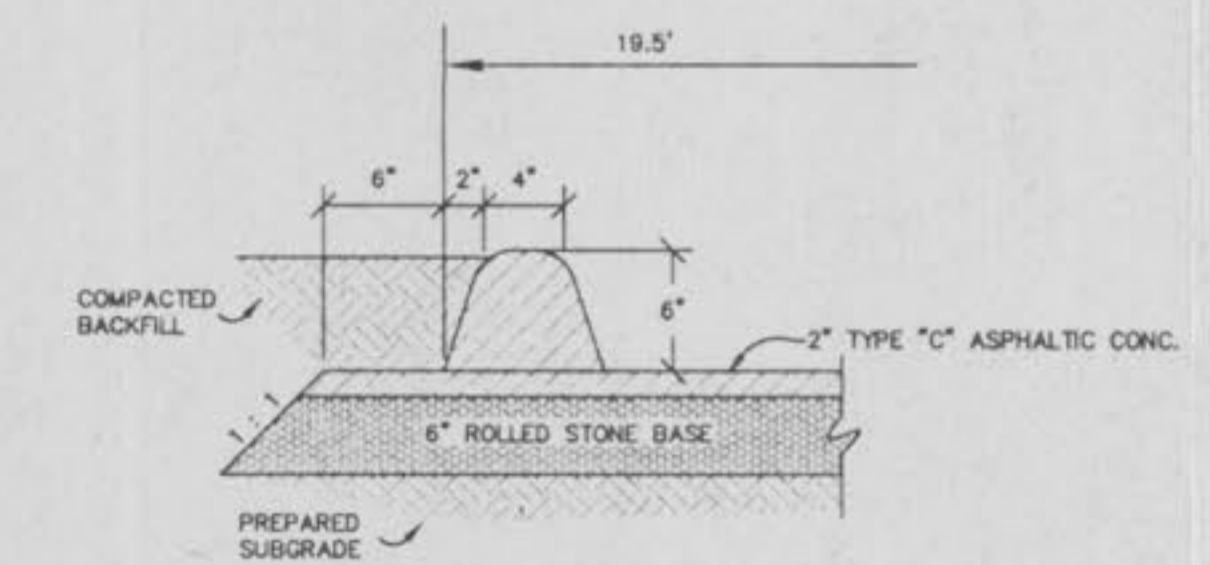
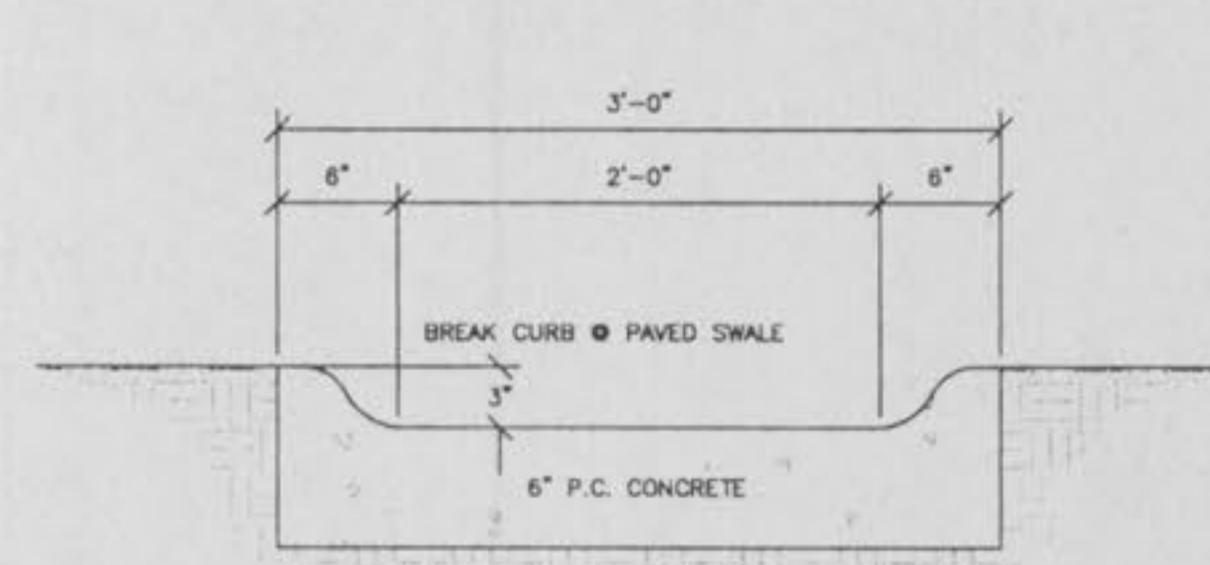


Project Description	
Project File	c:\haestad\fmw\0508193 fm2
Worksheet	RECREATIONAL AREA'S PAVED SWALE
Flow Element	Irregular Channel
Method	Manning's Formula
Solve For	Water Elevation
Section Data	
Wtd. Mannings Coefficient	0.013
Channel Slope	0.105000 ft/m
Water Surface Elevation	0.08 ft
Discharge	1.15 cfs

Results	
Wtd. Mannings Coefficient	0.013
Water Surface Elevation	0.08 ft
Flow Area	0.17 ft ²
Wetted Perimeter	2.26 ft
Top Width	2.21 ft
Height	0.08 ft
Critical Depth	0.21 ft
Critical Slope	0.004652 ft/m
Velocity	6.66 ft/s
Velocity Head	0.69 ft
Specific Energy	0.77 ft
Froude Number	4.20
Flow is supercritical	



- HUNTER PS SPRAY
- HUNTER PGP-AD3-03
- HUNTER PGP-ALS-06
- HUNTER PGP-ALS-08
- HUNTER PGP-360-09
- RAINBIRD 12" P.C.A. VALVE
- HUNTER 1" H2V VALVE
- WILKINS RP BACKFLOW
- CONTROLLER

NOTE: THIS PLAN FOR IRRIGATION SYSTEM ONLY.

THE UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NONEXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES SHOWN OR NOT SHOWN, AND SAID 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

