

ESC SEQUENCE OF CONSTRUCTION

1. INSTALL CONSTRUCTION ENTRANCE FROM EXISTING PRIVATE DRIVE AS FIRST STEP IN CONSTRUCTION.
2. AFTER THE CONSTRUCTION SITE IS ACCESSED, INSTALL SILT FENCE & CHECK DAMS AS SHOWN TO PROTECT THE ADJACENT PROPERTIES.
3. STRAW BALE BARRIER SHALL BE PLACED AT THE TOP OF THE PROPOSED DRAINFIELD AREA DURING CONSTRUCTION TO ENSURE ANIMAL DRAINAGE ACROSS DRAINFIELD UNTIL SUCH TIME AS IT RECEIVES PERMANENT SEEDING.
4. STRIP AND STOCKPILE TOPSOIL.
5. PERFORM MAJOR GRADING OPERATIONS.
6. SLOPES SHALL RECEIVE PERMANENT STABILIZATION AS SOON AS POSSIBLE AFTER REACHING FINAL GRADE.
7. HOUSE CONSTRUCTION SHALL COMMENCE ONCE THE BUILDING PAD HAS REACHED SUBGRADE.
8. ALL DERIVED AREAS SHALL BE SEEDED AND STABILIZED AS NOTED ON THE PLANS. SLOPES STEEPER THAN 3:1 SHALL RECEIVE BLANKET MATTING.
9. AFTER FINAL STABILIZATION IS ACHIEVED SILT FENCE, CHECK DAMS, AND STRAW BALE BARRIER MAY BE REMOVED.
10. REMOVE CONSTRUCTION ENTRANCE AND PAVE DRIVEWAY.
11. ROANOKE COUNTY INSPECTION AND APPROVAL REQUIRED PRIOR TO REMOVAL OF ANY ESC MEASURES.

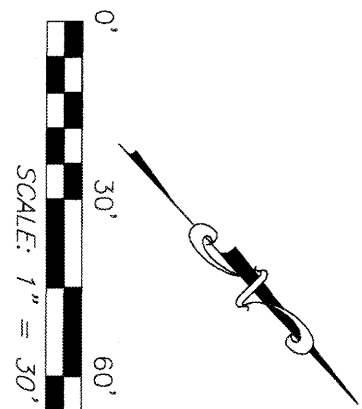
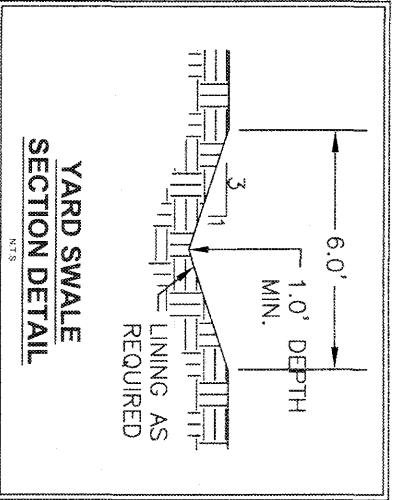
SITE NOTES:

1. G.C. SHALL OBTAIN ALL REQUIRED PERMITS FROM ROANOKE COUNTY PRIOR TO THE START OF CONSTRUCTION.
2. G.C. SHALL ENSURE POSITIVE DRAINAGE AWAY FROM THE PROPOSED HOUSE.

ESC LEGEND

REFER TO VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK FOR DETAILS

3.02	TEMPORARY STONE CONSTRUCTION ENTRANCE	CE
3.04	STRAW BALE BARRIER	STB
3.05	SILT FENCE	SF
3.08	CULVERT INLET PROTECTION	CIP
3.18	OUTLET PROTECTION	OP
3.20	ROCK CHECK DAM	CD
3.31	TEMPORARY SEEDING	TS
3.32	PERMANENT SEEDING	PS
3.35	MULCHING	MU



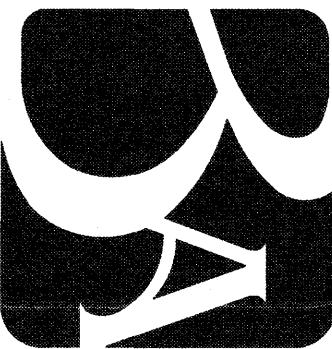
G.C. SHALL ENSURE THAT PROPOSED WATERLINE IS INSTALLED IN ACCORDANCE WITH ALL WESTERN VIRGINIA WATER AUTHORITY STANDARDS



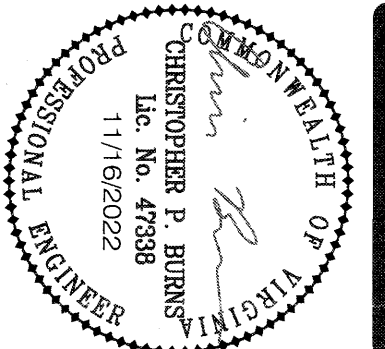
DETAIL "A"

SCALE: 1" = 30'

APPROVED, 12/13/2022



BAUTZER & ASSOCIATES
PLANNERS / ARCHITECTS
Engineers / Surveyors
Roanoke / Richmond
New River Valley / Staunton
Harrisonburg / Lynchburg
www.bautzer.cc
1208 Corporate Circle
Roanoke, VA 24018
540.772.9580



MCCALL RESIDENCE ESC PLAN

SITUATE CHEROKEE HILLS DRIVE
GRADING & E.S.C. PLAN (DETAIL)

CATAWBA MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

DRAWN BY	EJP
DESIGNED BY	DSH
CHECKED BY	DSH
DATE	09/22/2022
SCALE	AS SHOWN
REVISIONS	
10/27/2022 PNE CO COMMENTS	
11/16/2022 ACCESS ESMIT UPDATE	

ESC-3

PROJECT NO. 0520039.00