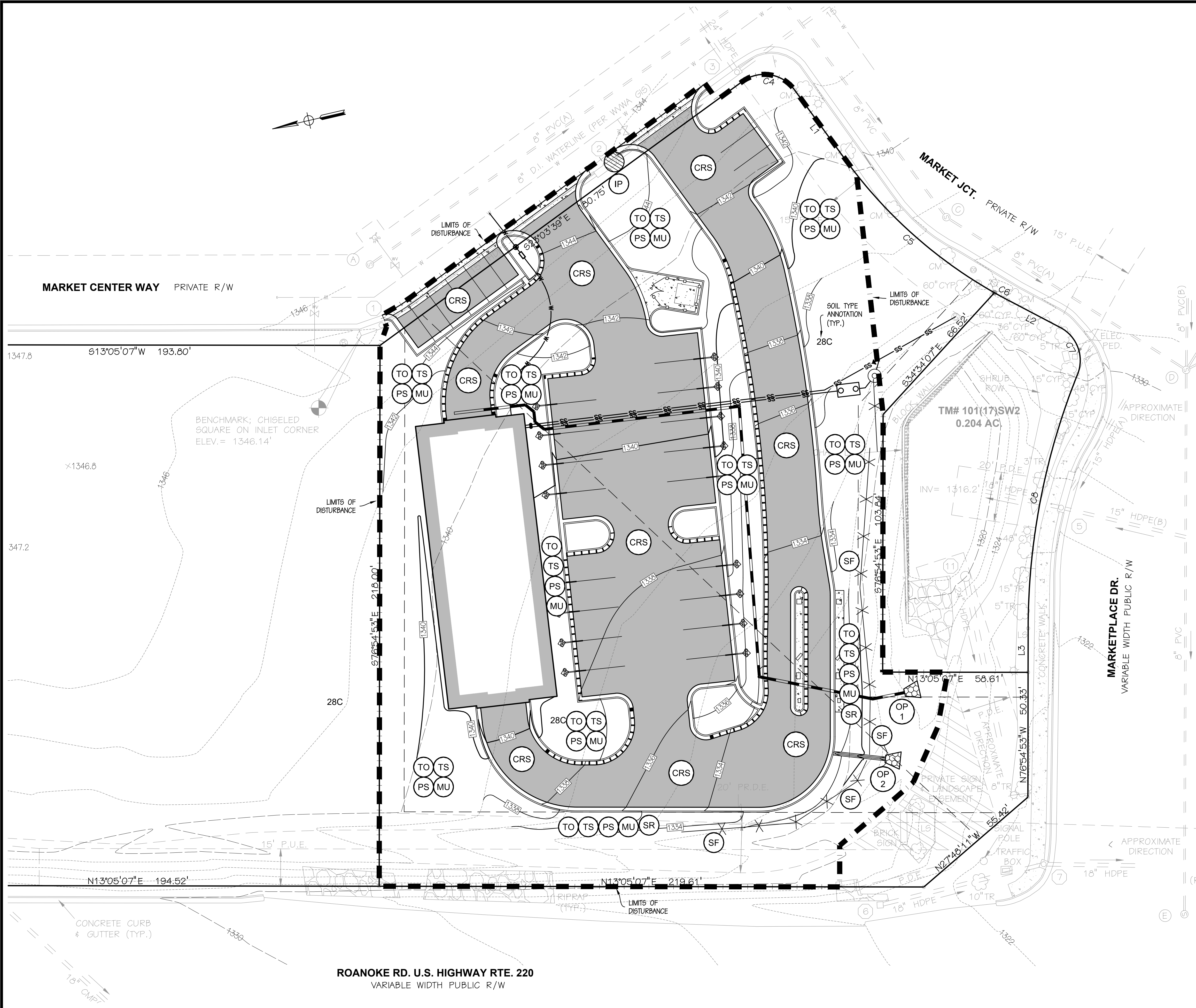




OUTLET PROTECTION (VEBCH 3.18)		
ID	OP1	OP2
DESIGN EVENT FREQUENCY	10 YR	10 YR
DESIGN FLOW (CFS)	1.1	3.2
TAILWATER DEPTH	<0.5D	<0.5D
DISCHARGE VELOCITY (FPS)	-	-
RIP RAP GRADATION	A1	A1
APRON LENGTH (FT)	6.0'	6.0'
APRON WIDTHS (FT)	3.0', 7.0'	3.0', 7.0'
SIDE SLOPES (H:V)	2:1	2:1
APRON DEPTH (FT)	2.0'	2.0'

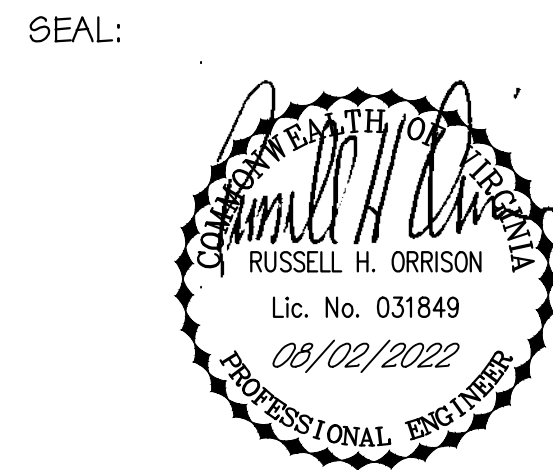
EROSION AND SEDIMENT CONTROL LEGEND			
3.02	TEMPORARY STONE CONSTRUCTION ENTRANCE	CE	
3.03	CONSTRUCTION ROAD STABILIZATION	CRS	
3.05	SILT FENCE	SF	
3.07	STORM DRAIN INLET PROTECTION	IP	
3.08	CULVERT INLET PROTECTION	CIP	
3.09	TEMPORARY DIVERSION DIKE	DD	
3.10	TEMPORARY FILL DIVERSION	FD	
3.12	DIVERSION	DV	
3.13	TEMPORARY SEDIMENT TRAP	ST	
3.14	TEMPORARY SEDIMENT BASIN	SB	
3.15	TEMPORARY SLOPE DRAIN	TSD	
3.17	STORMWATER CONVEYANCE CHANNEL	SCC	
3.18	OUTLET PROTECTION	OP	
3.19	RIP RAP	RR	
3.20	ROCK CHECK DAMS	CD	
3.29	SURFACE ROUGHENING	SR	
3.30	TOPSOILING	TO	
3.31	TEMPORARY SEEDING	TS	
3.32	PERMANENT SEEDING	PS	
3.35	MULCHING	MU	
3.36	SOIL STABILIZATION BLANKETS AND MATTING	B/M	

PERKINS & ORRISON
ENGINEERS ▲ PLANNERS ▲ SURVEYORS

317 BROOK PARK PL., FOREST, VIRGINIA 24551
PHONE: 434-525-5985 FAX: 434-525-5986
EMAIL: pro@perkins-orrison.com

17 W. NELSON STREET LEXINGTON, VIRGINIA 24450
PHONE: 540-464-9001 FAX: 540-464-5009
EMAIL: pro@perkins-orrison.com

CONSULTANTS



JOB:

ORCHARD MARKETPLACE
CAR WASH
AMSTERDAM MAGISTERIAL DISTRICT
DALEVILLE, VIRGINIA
BOTETOURT COUNTY

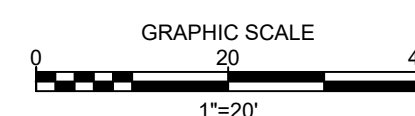
CLIENT:

THOMAS BUILDERS

MARK	DATE	DESCRIPTION
2	06/02/2022	PER WWA COMMENTS
1	06/16/2022	PER COUNTY COMMENT
ISSUE: 04/04/2022		
CONTOUR INTERVAL: 2'		
DESIGNED BY: RHO		
DRAWN BY: PWS		
CHECKED BY: RHO		

SHEET TITLE

PHASE III EROSION & SEDIMENT
CONTROL PLAN



SHEET	ARRISSECTION PROJECT #
C303	DEV-SITE-22-00005
JOB NO.	SHEET NO
21442	10 of 14