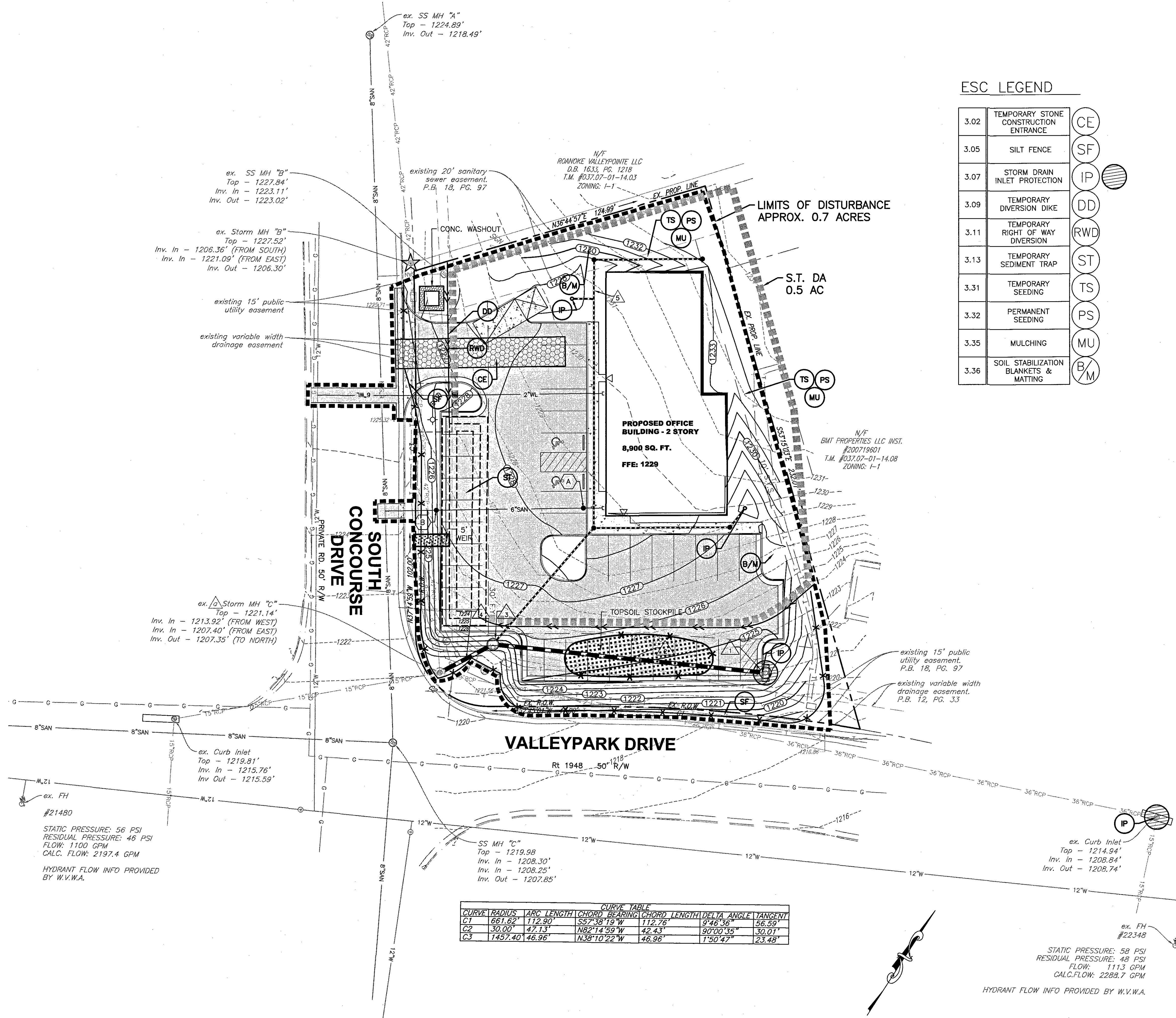


## ESC SEQUENCE

- CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS THE FIRST STEP IN CONSTRUCTION. INLET PROTECTION TO BE INSTALLED ON EXISTING INLET.
- AFTER THE SITE IS ACCESSED, SILT FENCE SHALL BE INSTALLED AS SHOWN. SILT FENCE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
- SEDIMENT TRAP AND DIVERSIONS SHALL BE INSTALLED AT THIS TIME.
- DEMOLITION OPERATIONS SHALL COMMENCE AT THIS TIME.
- TOPSOIL SHALL BE STRIPPED AND STOCKPILED. SILT FENCE SHALL BE INSTALLED ON THE LOW SIDE OF THE STOCKPILE.
- MAJOR GRADING OPERATIONS SHALL COMMENCE AT THIS TIME.
- TEMPORARY SEEDING SHALL BE APPLIED WITHIN 7 DAYS TO ANY AREA THAT WILL REMAIN DORMANT FOR LONGER THAN 14 DAYS. PERMANENT SEEDING SHALL BE APPLIED TO ANY AREA THAT HAS REACHED FINAL GRADE OR THAT WILL REMAIN DORMANT FOR LONGER THAN 1 YEAR.
- AFTER THE BUILDING PAD REACHES SUBGRADE, BUILDING CONSTRUCTION MAY BEGIN.
- UTILITY CONSTRUCTION SHALL COMMENCE AT THIS TIME. INLET PROTECTION SHALL BE INSTALLED ON NEW INLETS AFTER INSTALLATION. WATER AND SS LATERAL CONNECTION SHALL BE CONSTRUCTED DURING TIMES OF DRY WEATHER AND SEQUENCED TO MINIMIZE DISTURBANCE TO THE SEDIMENT TRAP. ST TO BE RE-ESTABLISHED IMMEDIATELY FOLLOWING UTILITY CONSTRUCTION IN THE AREA.
- CURB IN AREAS NOT AFFECTED BY THE SEDIMENT TRAP TO BE INSTALLED AT THIS TIME. AFTER ALL OTHER CURB IS IN PLACE, THE SEDIMENT TRAP AND DIVERSION DIKE ARE TO BE REMOVED AND THE REMAINDER OF CURB SHALL BE IMMEDIATELY INSTALLED IN ORDER TO CONTROL DRAINAGE ON SITE.
- BASE STONE, PAVEMENT AND LANDSCAPING SHALL BE INSTALLED AT THIS TIME.
- ALL AREAS OF THE SITE NOT TO RECEIVE HARDSCAPE SHALL RECEIVE PERMANENT SEEDING AND ALL SLOPES 3:1 OR STEEPER SHALL RECEIVE BLANKET MATTING.
- AFTER PERMANENT STABILIZATION, SILT FENCE, INLET PROTECTION, AND CONSTRUCTION ENTRANCE MAY ALL BE REMOVED.
- G.C. SHALL NOTIFY ROANOKE COUNTY INSPECTOR AND RECEIVE APPROVAL PRIOR TO REMOVAL OF ANY ESC MEASURES.
- LIMITS OF DISTURBANCE SHALL BE STRICTLY ADHERED TO.

## ESC LEGEND

3.02	TEMPORARY STONE CONSTRUCTION ENTRANCE	CE
3.05	SILT FENCE	SF
3.07	STORM DRAIN INLET PROTECTION	IP
3.09	TEMPORARY DIVERSION DIKE	DD
3.11	TEMPORARY RIGHT OF WAY DIVERSION	RWD
3.13	TEMPORARY SEDIMENT TRAP	ST
3.31	TEMPORARY SEEDING	TS
3.32	PERMANENT SEEDING	PS
3.35	MULCHING	MU
3.36	SOIL STABILIZATION BLANKETS & MATTING	B/M



## EROSION & SEDIMENT CONTROL COST ESTIMATE

\*NOTE: ALL COSTS GIVEN ARE COMPLETE IN PLACE.  
\*NOTE: THIS COST ESTIMATE TABLE IS PROVIDED FOR BIDDING PURPOSES ONLY. VERIFICATION OF ALL QUANTITIES AND PRICES FOR BIDDING PURPOSES SHALL BE THE RESPONSIBILITY OF THE BIDDER.

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
CONSTRUCTION ENTRANCE	EA	1	\$ 1,200.00	\$1,200.00
SILT FENCE	LF	330	4.00	\$1,320.00
INLET PROTECTION	EA	4	150.00	\$600.00
PERMANENT SEEDING	SF	10,000	0.05	\$500.00
TEMP. SEEDING	SF	12,300	0.04	\$500.00
TEMP. DIVERSION DIKE	LF	265	5.00	\$1,325.00
TEMP. SEDIMENT TRAP	EA	1	1,500.00	\$1,500.00
BLANKET MATTING	SF	3,750	0.25	\$950.00
SUB-TOTAL				\$7,895.00
10% CONTINGENCY				\$790.00
<b>TOTAL PROJECT COST</b>				<b>\$8,685.00</b>

CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH	DELTA ANGLE	TANGENT
C1	661.62'	112.90'	S57°38'19"W	112.76'	9°46'36"	56.59'
C2	30.00'	47.13'	N82°14'59"W	42.43'	90°00'35"	30.01'
C3	1457.40'	46.96'	N38°10'22"W	46.96'	1°50'47"	23.48'



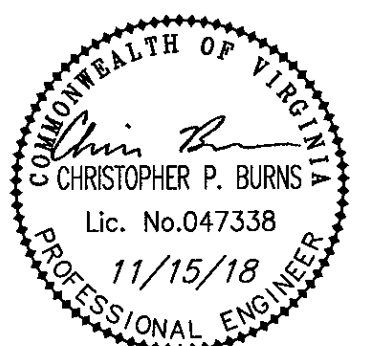
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Balzer and Associates, Inc.

1208 Corporate Circle  
Roanoke, VA 24018  
540-772-9580  
FAX 540-772-8050



VALLEYPOINTE OFFICE BUILDING  
0 VALLEYPARK DRIVE  
E.S.C. PLAN

CATAWBA DISTRICT  
ROANOKE COUNTY, VIRGINIA

DRAWN BY CLL  
DESIGNED BY CPB  
CHECKED BY CPB  
DATE 10/3/2018  
SCALE 1"=20'

REVISIONS:  
10/29/2018  
11/15/2018

SHEET NO.

C6

JOB NO. 04180061.00