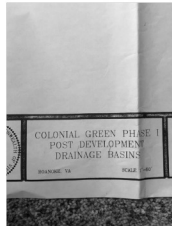
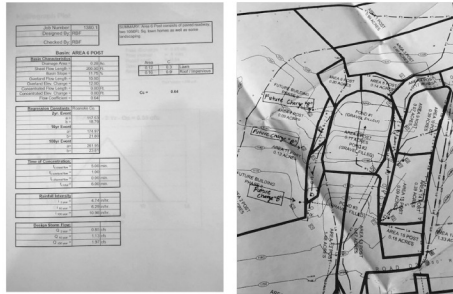


# CURRENT PLAN TO ORIGINAL PLAN COMPARISON (NOT TO SCALE)

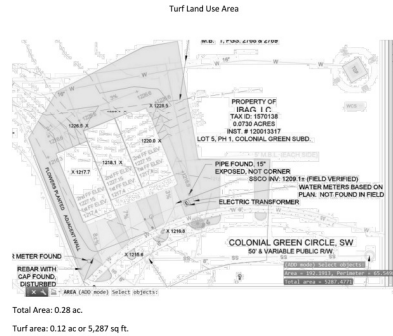
Proposed vs. Originally Designed.			
	Area sq ft	Area ac	C
Lawn	5287	0.12	0.3
Roof/Imp	6883	0.16	0.9
Proposed Weighted C	12170	0.28	0.64

C from Original Design Docs 0.64  
Colonial Green: ESC Plan and Stormwater Management Plan: dates July 7, 2005 Revised Sept 22, 2005, Below

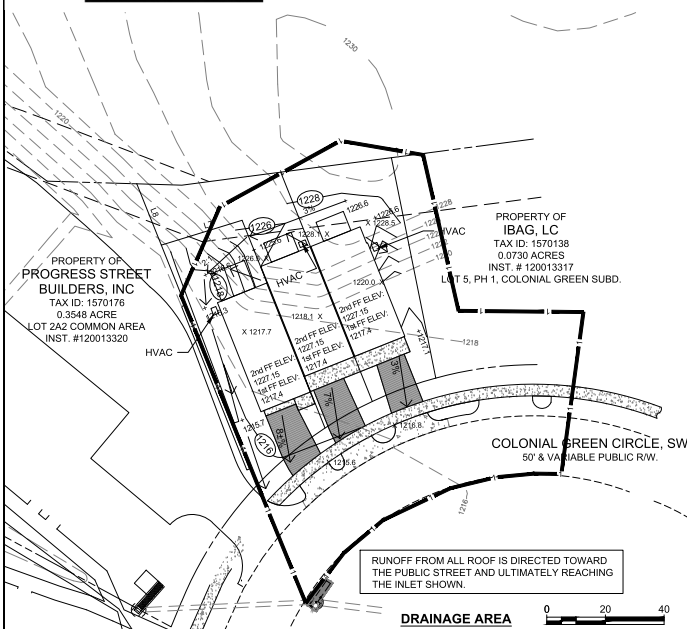


## DRAINAGE SUMMARY AND ANALYSIS

- PROPOSED DESIGN:
  - TOTAL DRAINAGE AREA = 0.28 ACRE (12,170 SF)
  - TOTAL TURF AREA = 0.12 ACRE (5,287 SF)
  - TOTAL IMPERVIOUS AREA = 0.16 ACRE (6,883 SF)
  - PROPOSED WEIGHTED C = 0.64
- ORIGINAL DESIGN:
  - SHOWN AS AREA 6 IN COLONIAL GREEN ESC PLAN AND STORMWATER MANAGEMENT PLAN, DATED JULY 7, 2005 AND REVISED SEPTEMBER 22, 2005.
  - CALCULATIONS SHOW THE ORIGINAL DRAINAGE AREA AS 0.28 ACRE WITH A PROPOSED WEIGHTED C = 0.64.
  - ORIGINAL CALCULATIONS ARE ATTACHED TO THE LEFT.



## TURF VS IMPERVIOUS PLAN (NOT TO SCALE)

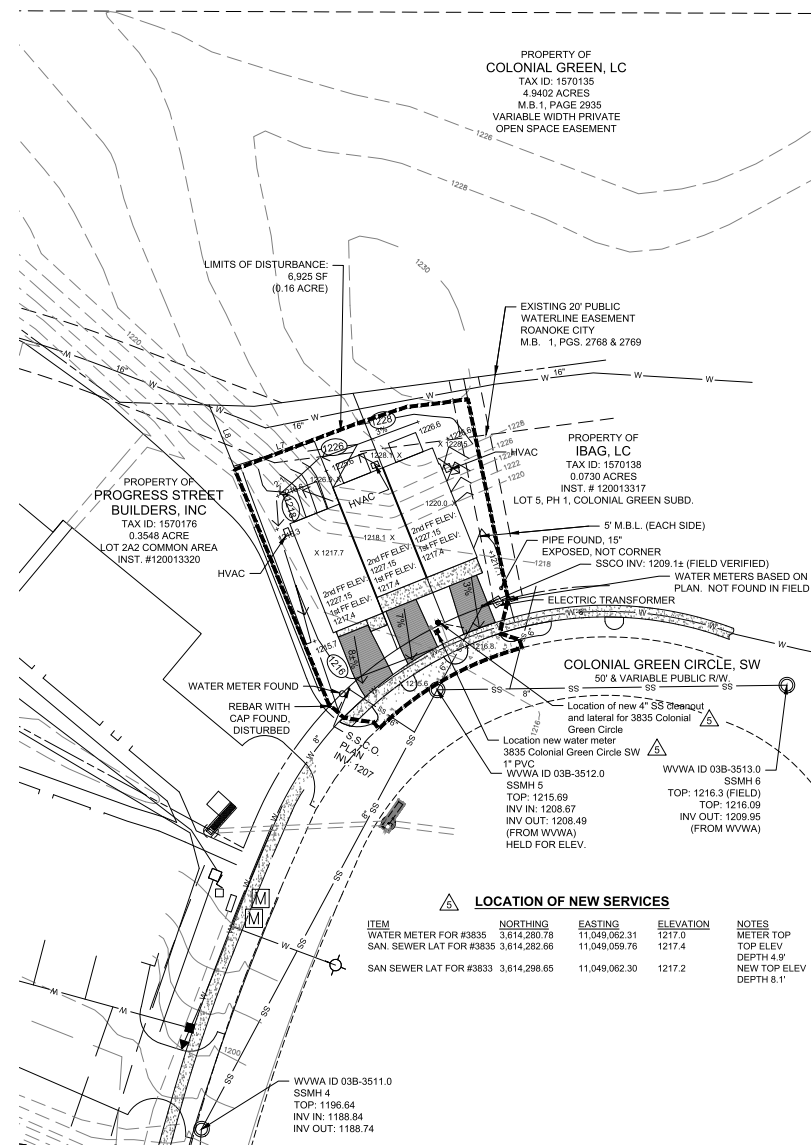


## CONTRACTOR AS-BUILT CERTIFICATION

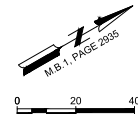
THE WORK TO INSTALL THE NEW WATER METER, NEW SANITARY SEWER CLEANOUT AND ADJUSTMENT TO TOP OF EXISTING CLEANOUT WAS PERFORMED IN ACCORDANCE WITH THESE DOCUMENTS.

J.B. Miller

- AGENT FOR PROGRESS STREET BUILDERS, INC.



## GRADING AND DRAINAGE PLAN



EDEN & ASSOCIATES  
Engineering & Planning - Consulting  
1000 CHURCH STREET  
BLACKSBURG, VIRGINIA 24060  
VOICE 276-432-4231  
FAX 276-432-3448

EA

AS-BUILT DRAWINGS	5/27/21
ADDRESS ZONING	7/02/20
ADDRESS ZONING	6/25/20
ADDRESS LANDSCAPING	6/22/20
ADDRESS COMMENTS	5/29/20

PAUL J. BROWN  
Lic. No. 036148  
5-27-2021  
PROFESSIONAL ENGINEER

AS-BUILT FOR  
WATER & SEWER  
LATERALS, AS  
PROVIDED BY  
CONTRACTOR

## GRADING AND STORM DRAINAGE PLAN

COMPREHENSIVE SITE PLAN FOR  
COLONIAL GREEN  
PHASE 1, LOTS 3 AND 4  
PROPERTY OF PROGRESS STREET BUILDERS, INC  
PARCEL ID 1570136 (LOT 3) & 1570137 (LOT 4)  
INST. # 190001565  
CITY OF ROANOKE, VIRGINIA

Drawn By:	Scale:
PJB	1" = 20'
Checked By:	Date:
MTJ	04-24-2020
Sheet No.	
4 of 6	C4