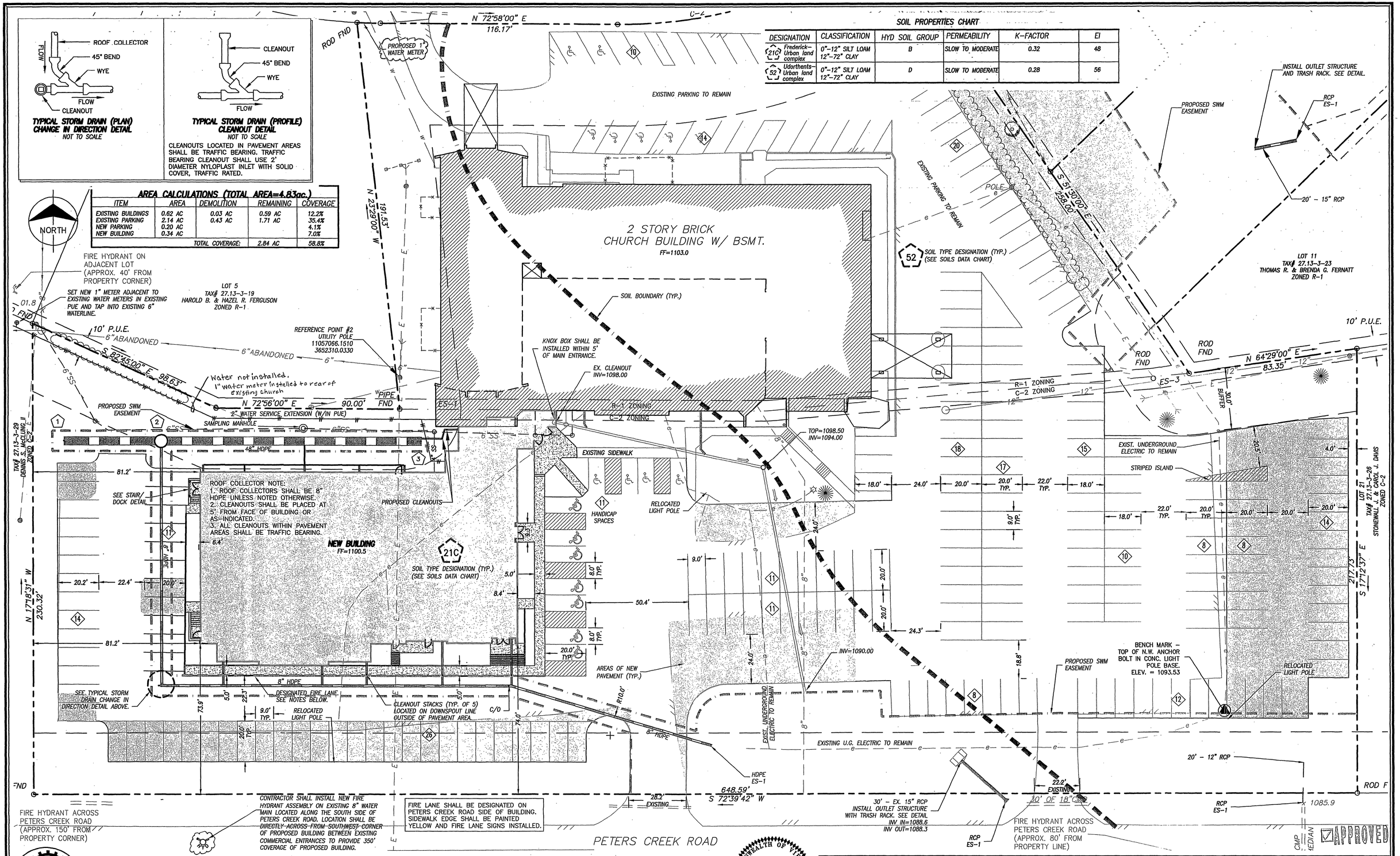

SOIL PROPERTIES CHART

DESIGNATION	CLASSIFICATION	HYD SOIL GROUP	PERMEABILITY	K-FACTOR	EI
21C Frederick-Urban land complex	0"-12" SILT LOAM 12"-72" CLAY	B	SLOW TO MODERATE	0.32	48
52 Udorthents-Urban land complex	0"-12" SILT LOAM 12"-72" CLAY	D	SLOW TO MODERATE	0.28	56

AREA CALCULATIONS (TOTAL AREA=4.83ac.)

ITEM	AREA	DEMOLITION	REMAINING	COVERAGE
EXISTING BUILDINGS	0.62 AC	0.03 AC	0.59 AC	12.2%
EXISTING PARKING	2.14 AC	0.43 AC	1.71 AC	35.4%
NEW PARKING	0.20 AC			4.1%
NEW BUILDING	0.34 AC			7.0%
		TOTAL COVERAGE:	2.84 AC	58.8%

ENGINEERING CONCEPTS, INC.
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FINCASTLE, VIRGINIA 24090
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COMMONWEALTH OF VIRGINIA
ROBERT H. WAMPLER, JR.
Lic. No. 34713
10/20/11
PROFESSIONAL ENGINEER

No.	Revision	By	Appd.	Date
1	ROANOKE COUNTY COMMENTS	ECI	RHW	8/15/11
2	ROANOKE COUNTY COMMENTS	ECI	RHW	9/26/11
3	ROANOKE COUNTY COMMENTS	ECI	RHW	10/19/11

Drawn msmj
Designed RHW
Checked RHW
Approved RHW

SITE DIMENSIONAL AND UTILITY PLAN

NORTH ROANOKE BAPTIST CHURCH
ROANOKE COUNTY -- VIRGINIA

SCALE: 1"=20'
MAY 11, 2011
PROJECT: 09027
C5