

STORM SEWER SCHEDULE

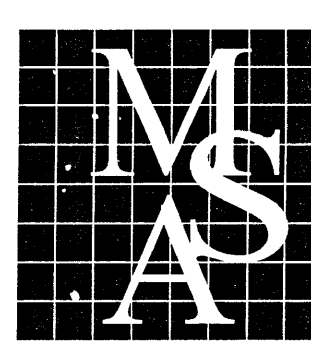
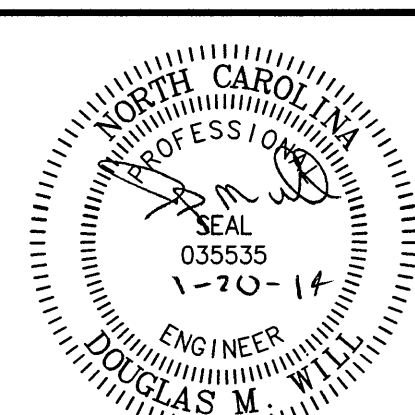
- (A1) NCDOT STD' CONCRETE DROP INLET
RIM=186.50
INV=183.33
- (A1) TO (A2) 43' - 12" RCP @ 0.50%
- (A2) NCDOT STD' CONCRETE DROP INLET
RIM=186.00
INV=183.11
- (A2) TO (A3) 51' - 12" RCP @ 0.50%
- (A3) NCDOT STD' CONCRETE DROP INLET
RIM=186.45
INV=182.86
- (A3) TO (A4) 95' - 12" RCP @ 0.50%
- (A4) NCDOT STD' CONCRETE DROP INLET
RIM=186.09
INV(NW)=182.38
INV(SW)=183.74
INV(S)=182.38
- (A4) TO (A5) 18' - 8" TERRACOTTA @ 2.00%
- (A4) TO (A1) 20' - 18" RCP @ 0.30%
- (A5) DROP INLET
RIM=185.98
INV(NE)=183.38
INV(W)=182.69
- (A5) TO (A10) 85' - 12" TERRACOTTA @ 0.58%
- (A6) DROP INLET
RIM=185.48
INV=182.23
- (A6) TO (A7) 22' - 8" TERRACOTTA @ 0.82%
- (A7) DROP INLET
RIM=185.60
INV(NW)=183.05
INV(S)=182.95
- (A7) TO (A10) 35' - 8" TERRACOTTA @ 1.66%
- (A8) ROOF DRAIN
RIM=185.50
INV=182.95
- (A8) TO (A10) 38' - 8" TERRACOTTA @ 1.00%
- (A9) ROOF DRAIN
RIM=185.50
INV=184.65
- (A9) TO (A10) 28' - 8" TERRACOTTA @ 1.00%
- (A10) STORM MANHOLE
RIM=186.87
INV(W)=182.32
INV(N)=182.57
INV(NE)=184.37
INV(E)=182.37
INV(S)=182.37
- (A10) TO (A11) 109' - 12" PVC @ 4.00%
- (A11) STORM MANHOLE
RIM=186.51
INV(NW)=178.01
INV(SW)=177.51
INV(N)=182.32
- (A11) TO (A12) 100' - 18" RCP @ 0.51%
- (A12) DROP INLET
RIM=187.25
INV(NE)=177.00
INV(SW)=176.20
- (A12) TO (A19) 107' - 24" RCP @ -0.47%
- (A13) STORM CLEANOUT
RIM=189.00
INV=184.43
- (A13) TO (A14) 46' - 10" HDPE @ 1.00%
- (A14) STORM CLEANOUT
RIM=189.40
INV=183.97
- (A14) TO (A15) 27' - 10" HDPE @ 1.00%
- (A15) NCDOT STD' CONCRETE DROP INLET
RIM=189.00
INV=183.70
- (A15) TO (A17) 77' - 12" RCP @ 1.00%
- (A16) NCDOT STD' CONCRETE DROP INLET
RIM=190.80
INV=183.48
- (A16) TO (A17) 55' - 12" RCP @ 1.00%
- (A17) NCDOT STD' CONCRETE DROP INLET
RIM=190.30
INV=182.93
- (A17) TO (A18A) 167' - 15" RCP @ 1.00%
- (A18A) NCDOT STD' MANHOLE
RIM=189.27
INV=181.26
- (A18A) TO (A19) 10' - 15" RCP @ 1.00%
- (A18) NCDOT STD' CONCRETE CATCH BASIN
RIM=189.54
INV=181.16
- (A18) TO (A19) 46' - 18" RCP @ 1.00%
- (A19) NCDOT STD' DROP INLET GRATE
RIM=189.03
INV(NW)=176.70
INV(SW)=176.59
INV(NE)=180.70
- (A19) TO (A20) 32' - 24" RCP @ 0.09%
- (A20) CATCH BASIN
RIM=189.63
INV(NE)=176.55
INV(SW)=176.59
- (A20) TO (A21) 103' - 24" RCP @ 0.39%

NOTE: CONTRACTOR SHALL PROVIDE TEMPORARY ADA ACCESS TO BUILDING 50 FROM BUILDINGS 5 AND 41T AT ALL TIMES DURING CONSTRUCTION.

NOTE: CONTRACTOR SHALL NOTIFY ENGINEER IF CONFLICTS OR DISCREPANCIES ARE ENCOUNTERED BASED ON UTILITY MARKINGS. TEST HOLE INFORMATION SHALL BE PROVIDED AT ALL POTENTIAL CONFLICTS PRIOR TO CONSTRUCTION.

ADDENDUM NO. 1

1/20/14



MSA, P.C.
Environmental Sciences • Planning • Surveying
Civil & Environmental Engineering • Landscape Architecture
5033 Rouse Drive, Virginia Beach, VA 23462
757-490-9264 (Ofc) 757-490-0634 (Fax)
www.msaonline.com

McEntire Design ARCHITECTS
1001 WEST WASHINGTON STREET
SUFFOLK VIRGINIA 23434
phone 757-923-9800 fax 757-923-9830



Drawing Title		Project Title		Date
STORM SEWER IMPROVEMENT PLAN		STORMWATER STRUCTURE REPAIR		10/11/13
		Building Number	Checked GBH	Drawn MSA
		Location	YAMC, FAYETTEVILLE, NORTH CAROLINA	
		Drawing No.		C5.0
				DWG. 8 of 15

25 0 25 50
SCALE: 1 INCH = 25 FT

*** CAUTION ***
THE UTILITIES SHOWN ARE FOR CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, SIZE, DIMENSION AND ELEVATION OF ALL UNDERGROUND UTILITIES. MSA, P.C. ASSUMES NO RESPONSIBILITY FOR THE LOCATION OF BURIED UTILITIES SHOWN ON THE PLANS OR LACK THEREOF. THE CONTRACTOR IS RESPONSIBLE FOR HIRING A PROFESSIONAL SUBSURFACE UTILITY LOCATOR FOR FIELD VERIFICATION OF THE LOCATION OF ALL UNDERGROUND UTILITIES WITHIN THE LIMITS OF WORK. ANY DISCREPANCIES IN REFERENCED HORIZONTAL LOCATIONS, ELEVATIONS, DIMENSIONS OR DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER OR OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK. ANY DAMAGE MADE TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.