

SELF INSPECTION NOTICE:

NOTIFICATION OF LAND RESOURCES SEDIMENT AND EROSION CONTROL SELF-INSPECTION PROGRAM:

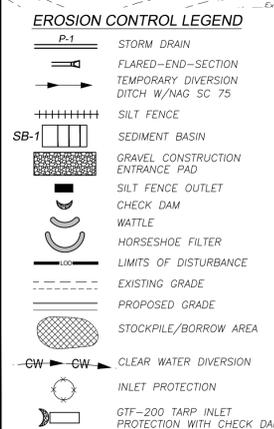
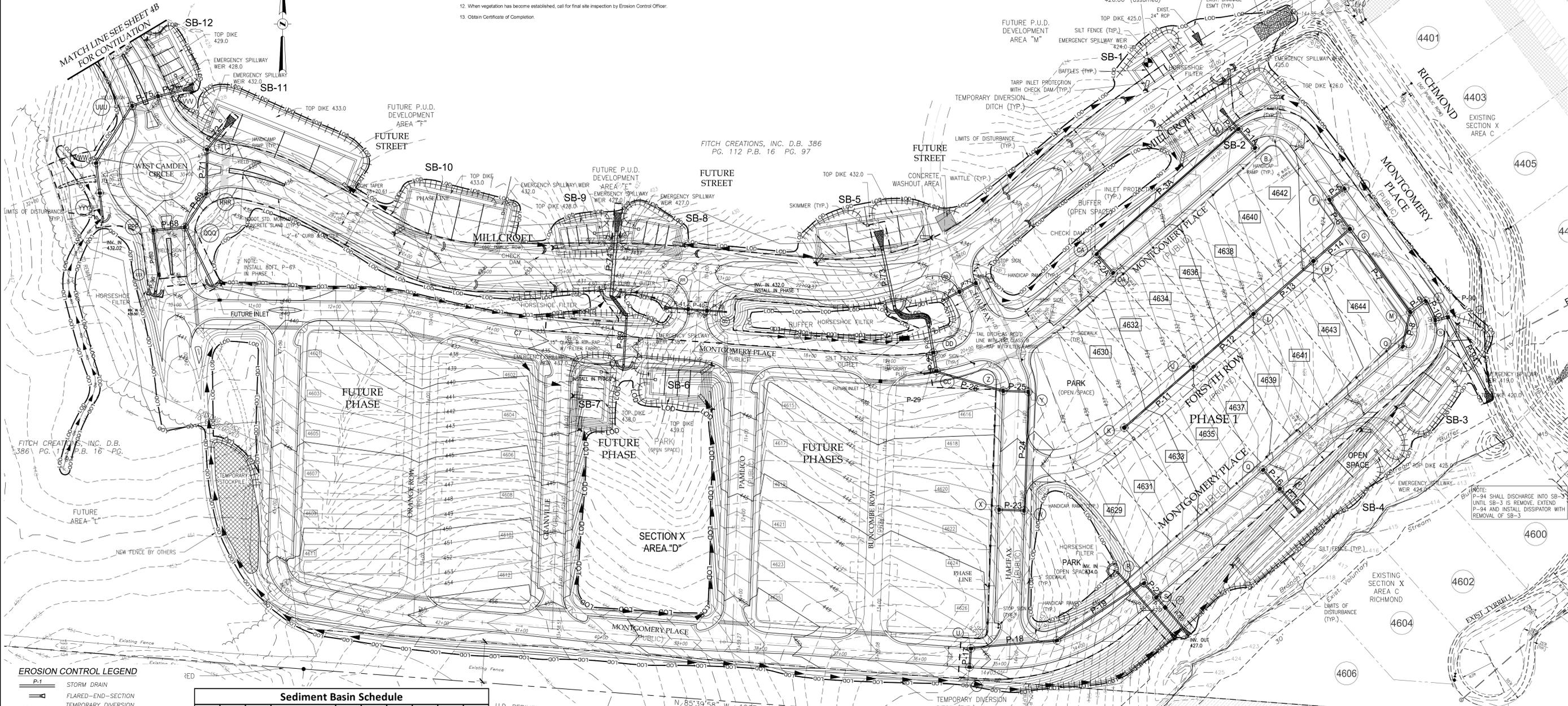
THE SEDIMENTATION POLLUTION CONTROL ACT WAS AMENDED IN 2006 TO REQUIRE THAT PERSONS RESPONSIBLE FOR LAND-DISTURBING ACTIVITIES INSPECT A PROJECT AFTER EACH STAGE OF THE PROJECT TO MAKE SURE THAT THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN IS BEING FOLLOWED. RULES DETAILING THE DOCUMENTATION OF THESE INSPECTIONS TOOK EFFECT OCTOBER 1, 2010. THE SELF-INSPECTION PROGRAM IS SEPARATE FROM THE WEEKLY SELF-MONITORING PROGRAM OF THE NPDES STORMWATER PERMIT FOR CONSTRUCTION ACTIVITIES. THE FOCUS OF THE SELF-INSPECTION REPORT IS THE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL MEASURES ACCORDING TO THE APPROVED PLAN. THE INSPECTIONS MUST BE CONDUCTED AFTER EACH STAGE OF THE PROJECT, AND CONTINUED UNTIL PERMANENT GROUND COVER IS ESTABLISHED IN ACCORDANCE WITH NCGS 113A-54.1 AND 15A NCGS 46.0131. THE SELF-INSPECTION REPORT FORM IS AVAILABLE AS AN EXCEL SPREADSHEET FROM [HTTP://WWW.DLR.ENR.STATE.NC.US/PAGES/SEDIMENTATION_NEW.HTML](http://www.dlr.enr.state.nc.us/pages/sedimentation_new.html). IF YOU HAVE QUESTIONS OR CANNOT ACCESS THE FORM, PLEASE CONTACT THIS OFFICE AT (919) 791-4200.

Site Area Description	Stabilization	Timeframe Expectations
Perimeter dikes, swales, ditches, slopes	7 days	None
High Quality Water (HQW) Zones	7 days	None
Slopes steeper than 3:1	7 days	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed.
Slopes 3:1 or flatter	14 days	7 days for slopes greater than 50' in length.
All other areas with slopes flatter than 4:1	14 days	None, except for perimeter and HQW Zones.

NOTE: ALL FINISHED SLOPES ARE 3:1 OR FLATTER

CONSTRUCTION SEQUENCE

1. Obtain grading permit. Schedule and hold pre-construction meeting with Chatham County Erosion and Sedimentation control inspector.
2. Install gravel entrance and all silt fence. Clear only as required for silt fence.
3. Construct sediment basins and clear water diversion. Stabilize immediately. Install pipes P-74, P-75, P-76, P-79, P-80, P-81, P-84, P-86, P-87, P-88 with disaspartors.
4. Construct temporary diversion ditches. Stabilize immediately.
5. Call (919) 545-9343 for on-site inspection by an Erosion Control Officer. If approved, begin clearing and grubbing.
6. Provide all monitoring, inspection, and record keeping as required by conditions of NCGS10000 Storm Water Discharge Permit. Provide copies to Chatham County Erosion Control Officer.
7. Rough grade site. Maintain devices weekly, after each rain and as needed. Stabilize pipe outlet areas before pipe construction.
8. Install utilities and storm drainage. Provide inlet protection for all inlets.
9. Stabilize site as areas are brought up to finish grade with vegetation, paving, etc. The angle for graded slopes and fills shall be no greater than the angle that can be retained by vegetative cover or other adequate erosion control devices or structures. In any event, slope left exposed will, within 14 calendar days of completion of any phase of grading, be planted or otherwise provided with temporary ground cover, devices or structures sufficient to restrain erosion.
10. When construction is complete and all areas are stabilized completely, call for inspection by Erosion Control Officer.
11. If site is approved, remove temporary diversions, silt fencing, and seed out or pave any bare areas. Stabilize these areas immediately.
12. When vegetation has become established, call for final site inspection by Erosion Control Officer.
13. Obtain Certificate of Completion.



Sediment Basin Schedule

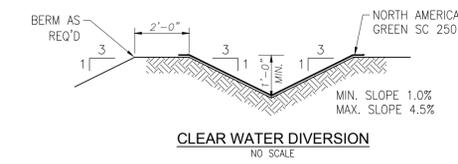
Basin No.	Tributary	Total Dist. Area AC	Basin Size L ² Ft	W ² Ft	Depth ² Ft	Surface Area Sq. Ft.	Basin Volume Cu. Ft.	Storage Life	Weir Length Ft	Skimmer Size (Dia) In	Orifice Dia. In
SB-1	0.73	0.73	53	25	3	1,325	2,650	1 year	10	3	0.75
SB-2	2.45	2.65	135	33	3	4,455	8,910	1 year	11	4	1.25
SB-3	1.60	1.60	116	25	3	2,900	5,800	1 year	10	3	1.25
SB-4	3.45	3.45	231	25	3	5,775	11,325	1 year	14	4	1.50
SB-5	2.48	2.57	130	33	4	4,290	12,870	1 year	11	3	1.50
SB-6	0.68	1.10	62	30	3	1,860	3,720	1 year	10	3	0.75
SB-7	0.90	1.10	62	30	3	1,860	3,720	1 year	10	3	0.75
SB-8	0.73	0.77	53	25	3	1,325	2,650	1 year	10	3	0.75
SB-9	0.48	0.54	45	21	3	945	1,890	1 year	10	2	0.75
SB-10	3.20	3.58	120	50	3	6,000	12,000	1 year	15	4	1.50
SB-11	3.10	3.27	184	32	3	5,888	11,776	1 year	15	4	1.50
SB-12	0.67	0.67	50	25	3	1,250	2,500	1 year	10	3	0.75
SB-13	0.23	0.23	30	14	3	840	840	1 year	10	2	0.50
SB-14	0.74	0.74	50	25	4	1,250	3,750	1 year	10	3	0.75
SB-15	0.30	0.30	34	16	3	501	1,080	1 year	10	3	0.38
SB-16	0.16	0.16	24	12	3	288	576	1 year	10	2	0.38
SB-17	2.70	2.89	100	49	4	4,900	14,700	1 year	12	4	1.50
SB-18	0.16	0.16	24	12	3	288	576	1 year	10	2	0.38

*Length and width are top dimensions at full basin
**Allows one foot of flood storage

SEE PIPE & INLET DATA SHEET 4

NOTE: DIVERSION DITCH TO SB-4 TO BE LINED WITH NAD SC 250

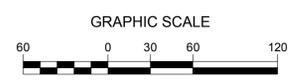
EROSION CONTROL PLAN
SCALE: 1" = 60'



VELOCITY DISSIPATOR SCHEDULE

Pipe	V-10 6-in (Fps)	Dissipator Length (Ft)	Width (Ft)	Depth (In)	Class	D50 (In)
P-4	5.4	8	4	22	B	6
P-15	9.1	8	4	22	B	6
P-22	7.9	10	4	22	B	6
P-28	7.2	12	6	22	B	6
P-41	3.4	5	4	22	B	6
P-72	6.5	15	8	22	B	6
P-73	10.1	20	8	22	B	6
P-74	13.0	24	9	30	B	6
P-76	7.6	12	6	22	B	6
P-78	2.6	5	4	22	B	6
P-79	6.0	15	12	22	B	6
P-81	7.2	12	6	22	B	6
P-89	11.6	12	6	22	B	6
P-93	17.6	35	11	36	2	12
P-94	11.3	16	6	30	1	12
P-95	11.6	12	6	22	B	6

TOTAL DISTURBED AREA = 26.00 AC.

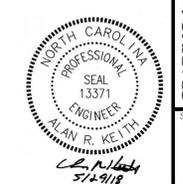
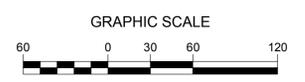


NOTE:
 CURB INLETS (CI) SHALL BE NCDOT STANDARD 840.02
 CURB INLETS (YI) SHALL BE NCDOT STANDARD 840.14
 JUNCTION BOX (JB) MAY BE PRECAST BOX OR MANHOLE WITH RING & COVER

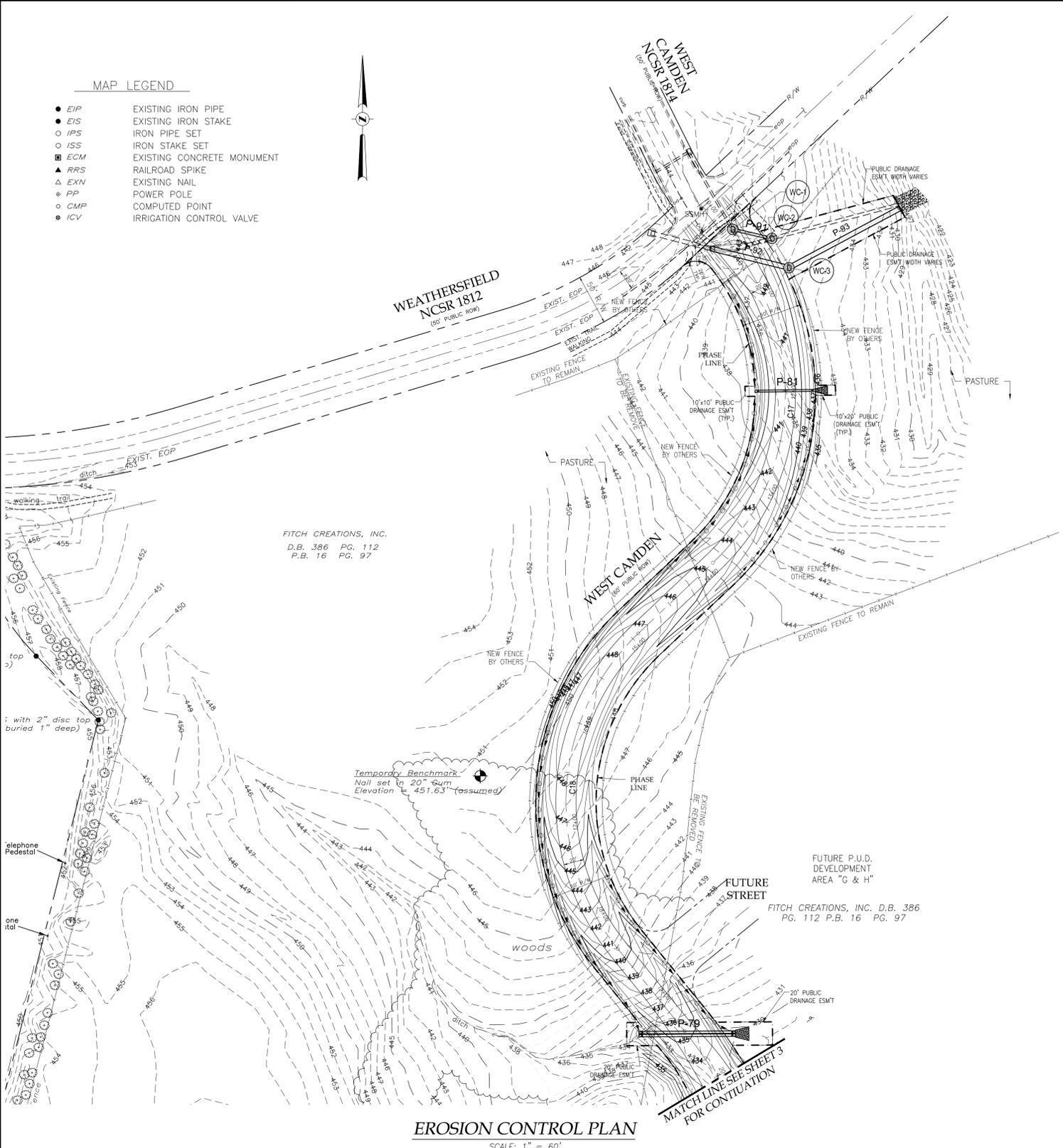
INLET DATA									
Inlet	Type	Station	Drainage Area (AC)	Q-2 (Cfs)	Q-2 Spread (Feet)	Q-10 to Inlet (Cfs)	Invert In	Invert Out	Top
A	CI	24+43.13' Montgomery Place	0.15	0.7	4.43	0.8	P-1 422.73	422.53	426.78
B	CI	24+43.13' Montgomery Place	0.23	1.0	5.25	1.3	P-3 422.73	422.90	426.62
C	CI	22+06.62' Montgomery Place	0.09	0.4	2.64	0.5	429.20	429.00	433.90
D	CI	22+06.62' Montgomery Place	0.16	0.7	3.66	0.9		429.36	433.74
E	CI	26+01.86' Montgomery Place	0.12	0.5	3.74	0.7		419.80	423.94
F	CI	26+01.86' Montgomery Place	0.18	0.9	5.00	1.0	419.67	419.47	423.94
G	YI	15+25.77' Forsyth Row	0.06	0.4	N/A	0.3	P-6 418.80	418.00	422.70
H	YI	14+65.02' Forsyth Row	0.63	2.7	N/A	3.4	P-13 420.2	420.10	424.49
I	YI	26+61.44' Forsyth Row	0.61	2.6	N/A	3.3	P-12 423.8	423.70	427.80
J	YI	12+65.02' Forsyth Row	0.60	2.5	N/A	3.2	P-11 428.00	427.90	431.79
K	YI	11+49.65' Forsyth Row	0.67	2.8	N/A	3.6	P-10 432.9	432.70	436.40
L	CI	27+75.00' Montgomery Place	0.17	0.7	N/A	0.9	416.55	416.35	421.32
M	CI	27+75.00' Montgomery Place	0.16	1.1	N/A	0.9	P-7 417.00	416.80	421.32
N	CI	27+97.25' Montgomery Place	0.17	0.7	3.61	0.9	416.00	415.80	421.38
O	CI	28+48.07' Montgomery Place	0.28	1.4	5.09	1.5		418.30	422.01
P	CI	30+80.90' Montgomery Place	0.23	1.0	4.33	1.3	426.83	426.63	431.05
Q	CI	30+80.90' Montgomery Place	0.11	0.5	2.98	0.6		427.00	430.89
R	CI	32+86.52' Montgomery Place	0.10	0.4	3.16	0.5	P-19 435.83	435.63	439.27
S	CI	32+86.52' Montgomery Place	0.14	0.6	3.94	0.8	435.50	435.30	439.27
T	CI	34+22.98' Montgomery Place	0.04	0.2	2.01	0.2	438.00	438.00	443.35
U	CI	35+36.64' Montgomery Place	0.07	0.3	2.65	0.4	441.27	441.07	445.75
V	CI	35+36.64' Montgomery Place	0.12	0.6	3.94	0.7		441.40	445.75
W	CI	12+16.94' Halifax	0.10	0.4	3.50	0.5	437.33	437.23	441.91
X	CI	12+16.94' Halifax	0.18	0.8	4.96	1.0		437.50	441.75
Y	CI	10+68.57' Halifax	0.08	0.4	2.87	0.4	434.20	434.00	438.55
Z	CI	10+68.57' Halifax	0.14	0.7	3.92	0.8	433.80	433.60	438.39
AA	CI	10+45.05' Halifax	0.05	0.2	2.00	0.3		431.00	435.40
BB	CI	10+45.05' Halifax	0.05	0.2	2.00	0.3	430.87	430.67	435.40
CC	CI	19+57.14' Montgomery Place	0.42	1.8	Sag	2.3	P-26 431.20	431.00	436.41
DD	CI	19+57.14' Montgomery Place	0.11	0.5	Sag	0.6	430.87	430.77	436.41
EE	YI	10+20.46' Bancroft Row	0.35	1.5	N/A	1.9	432.70	432.50	436.40
QQ	CI	10+47.77' Street A	0.10	0.4	2.87	0.5	431.38	431.18	435.16
RR	CI	10+47.77' Street A	0.08	0.1	2.00	0.2	431.05	430.85	435.16
NNN	CI	10+55.75' Montgomery Place	0.08	0.3	3.31	0.4	P-64 436.00	435.90	439.74
OOO	CI	10+55.75' Montgomery Place	0.03	0.1	2.00	0.2	435.62	435.52	439.74
PPP	CI	22+35.87' West Camden	0.14	1.0	N/A	0.8	430.71	430.61	435.70
QQQ	CI	22+35.87' West Camden	0.15	0.7	N/A	0.8	P-67 431.00	430.31	435.70
RRR	CI	10+38.05' Millcroft	0.37	1.6	Sag	2.0	428.91	428.81	434.24
TTT	CI	10+38.05' Millcroft	0.12	0.5	Sag	0.6	428.53	428.43	434.24
UUU	CI	20+73.27' West Camden	0.37	1.7	2.27	1.7	427.84	427.64	431.70
VVV	CI	20+73.27' West Camden	0.37	1.5	5.50	1.9	427.10	427.00	431.70
WWW	CI	21+36.80' Millcroft	0.35	1.5	4.30	1.9	431.90	431.70	437.29
XXX	CI	22+92.00' West Camden	0.00	0.0	N/A	0.0	433.86	433.76	437.82
YYY	CI	21+84.21' Millcroft	1.30	4.9	N/A	6.4	432.39	432.19	437.29
WC-1	JB	10+31.49' W. Camden 10.5' LT	0.00	0.0	N/A	0.0	Existing	Existing	Existing
WC-2	JB	10+90.97' W. Camden 35.85' LT	0.00	0.0	N/A	0.0		435.29	435.29
WC-3	JB	10+90.13' W. Camden 35' LT	0.00	0.0	N/A	0.0	436.51	436.41	436.41
N1	JB	28+00.00' Montgomery Place	0.00	0.0	N/A	0.0	415.48	415.28	421.50
S1	JB	32+86.52' Montgomery Place	0.00	0.0	N/A	0.0	434.50	428.40	439.50

PIPE DATA									
Pipe	From	To	Q-10 from Inlet (cfs)	Q-10 Total in Pipe (cfs)	Material	Diameter (Inches)	Length (Feet)	Slope (%)	Capacity (cfs)
P-1	A	B	1.3	1.3	RCP	15	33.00'	0.50	4.6
P-2	D	C	0.9	0.9	RCP	15	33.00'	0.50	4.6
P-3	C	A	0.5	1.4	RCP	15	236.51'	2.65	10.5
P-4	A	FES	0.8	3.5	RCP	15	24.00'	1.00	6.5
P-5	E	F	0.7	0.7	RCP	15	25.00'	0.50	4.6
P-6	F	G	1.0	1.7	RCP	15	44.66'	1.50	7.9
P-7	G	M	0.3	15.5	RCP	24	128.48'	0.78	20.0
P-8	O	M	1.5	1.5	RCP	15	43.51'	2.53	10.3
P-9	M	L	0.9	17.9	RCP	24	25.00'	1.00	22.7
P-10	L	N	0.9	18.8	RCP	24	27.06'	1.10	23.8
P-11	K	J	3.6	3.6	RCP	15	115.38'	4.07	13.1
P-12	J	I	3.2	6.8	RCP	15	100.00'	4.10	13.1
P-13	I	H	3.3	10.1	RCP	18	100.00'	3.50	19.7
P-14	H	G	3.4	13.5	RCP	18	60.74'	3.13	18.6
P-15	P	FES	1.3	1.9	RCP	15	32.00'	6.66	16.7
P-16	Q	P	0.6	0.6	RCP	15	33.00'	0.50	4.6
P-17	V	U	0.7	0.7	RCP	15	25.00'	0.50	4.6
P-18	U	T	0.4	1.1	RCP	15	107.95'	1.92	9.0
P-19	T	R	0.2	1.3	RCP	15	130.30'	2.36	10.0
P-20	S	S1	0.8	2.6	RCP	15	16.00'	5.00	14.5
P-21	R	S	0.5	1.8	RCP	15	25.00'	0.50	4.6
P-22	FES	FES	1.2	1.2	RCP	15	104.00'	6.73	16.8
P-23	X	W	1.0	1.0	RCP	15	33.00'	0.50	4.6
P-24	W	Y	0.5	1.5	RCP	15	148.37'	2.04	9.3
P-25	Y	Z	0.4	1.9	RCP	15	33.00'	0.61	5.0
P-26	Z	CC	0.8	2.7	RCP	15	86.27'	2.78	10.8
P-27	CC	DD	2.3	15.8	RCP	24	25.00'	0.50	16.0
P-28	DD	FES	0.5	16.3	RCP	24	36.00'	0.80	20.3
P-29	CC	EE	1.9	10.8	RCP	18	71.30'	1.05	10.8
P-39	FES	QQ	0.8	0.8	RCP	15	24.00'	0.50	4.6
P-40	QQ	RR	0.5	1.3	RCP	15	25.00'	0.50	4.6
P-41	RR	FES	0.2	1.5	RCP	15	24.00'	0.50	4.6
P-65	FES	NNN	2.6	2.6	RCP	15	48.00'	5.21	14.8
P-66	NNN	OOO	0.4	6.8	RCP	15	25.00'	1.10	6.8
P-67	OOO	QQQ	0.2	7.0	RCP	15	99.95'	4.52	13.8
P-68	PPP	QQQ	0.8	13.3	RCP	24	40.82'	0.50	16.0
P-69	QQQ	RRR	0.8	21.1	RCP	24	49.43'	2.83	38.2
P-71	RRR	TTT	1.1	23.1	RCP	30	56.07'	0.50	29.1
P-72	TTT	FES	0.6	23.7	RCP	30	36.00'	0.50	29.1
P-73	FES	FES	18.1	18.1	RCP	30	72.00'	0.69	34.3
P-74	HDWL	HDWL	30.8	30.8	RCP	36	64.00'	3.10	118.3
P-75	UUU	VVV	1.7	11.9	RCP	18	36.03'	1.50	12.9
P-76	VVV	FES	1.9	13.8	RCP	24	32.00'	1.00	22.7
P-77	AA	BB	0.3	0.3	RCP	15	25.00'	0.50	4.6
P-78	BB	FES	0.3	0.6	RCP	15	24.00'	0.50	4.6
P-79	FES	FES	27.2	27.2	RCP	2-24	96.00'	0.60	34.0
P-80	XXX	PPP	0.0	0.0	RCP	24	56.13'	5.43	52.8
P-81	FES	FES	9.1	9.1	RCP	24	60.00'	1.00	22.7
P-86	WWW	UUU	1.9	10.2	RCP	18	83.49'	4.62	22.6
P-87	XXX	WWW	1.9	8.3	RCP	18	39.02'	0.75	9.1
P-88	YYY	XXX	6.4	6.4	RCP	15	32.00'	1.20	7.1
P-89	FES	FES	7.6	7.6	RCP	18	64.00'	4.69	22.8
P-90	N	N1	0.9	19.7	RCP	24	16.00'	2.00	32.1
P-91	WC-1	WC-2	Exist	Exist	RCP	24	40.00'	2.00	32.0
P-92	Collar	WC-3	Exist	Exist	RCP	42	80.00'	1.10	105.8
P-93	WC-3	HDWL	86.6	86.6	CMP	42	125.00'	7.92	167.8
P-94	N1	FES	0.0	19.7	RCP	24	104.00'	5.08	51.1
P-95	S1	FES	0.0	2.6	RCP	15	36.00'	4.00	13.0
P-96	FES	XXX	12.5	12.5	RCP	24	24.00'	6.83	59.3

TOTAL DISTURBED AREA = 26.00 AC.



- MAP LEGEND
- EIP EXISTING IRON PIPE
 - EIS EXISTING IRON STAKE
 - IPS IRON PIPE SET
 - ISS IRON STAKE SET
 - ECM EXISTING CONCRETE MONUMENT
 - ▲ RRS RAILROAD SPIKE
 - △ EXN EXISTING NAIL
 - PP POWER POLE
 - CMP COMPUTED POINT
 - ICV IRRIGATION CONTROL VALVE



VELOCITY DISSIPATOR SCHEDULE						
Pipe	V-10 Exit (Fps)	Length (Ft)	Width (Ft)	Depth (In)	Class	D50 (In)
P-4	5.4	8	4	22	B	6
P-15	9.1	8	4	22	B	6
P-22	7.9	10	4	22	B	6
P-28	7.2	12	6	22	B	6
P-41	3.4	5	4	22	B	6
P-72	6.5	15	8	22	B	6
P-73	10.1	20	8	22	B	6
P-74	13.0	24	9	30	B	6
P-76	7.6	12	6	22	B	6
P-78	2.6	5	4	22	B	6
P-79	6.0	15	12	22	B	6
P-81	7.2	12	6	22	B	6
P-89	11.6	12	6	22	B	6
P-93	17.6	35	11	36	2	12
P-94	11.3	16	6	30	1	12
P-95	11.6	12	6	22	B	6

CONSTRUCTION SEQUENCE

1. Obtain grading permit. Schedule and hold pre-construction meeting with Chatham County Erosion and Sedimentation Control Inspector.
2. Install gravel entrance and all silt fence. Clear only as required for silt fence.
3. Construct sediment basins and clear water diversion. Stabilize immediately. Install pipes P-74, P-75, P-76, P-79, P-80, P-81, P-84, P-86, P-87, P-88 with dissipators.
4. Construct temporary diversion ditches. Stabilize immediately.
5. Call (919) 545-9343 for on-site inspection by an Erosion Control Officer. If approved, begin clearing and grubbing.
6. Provide all monitoring, inspection, and record keeping as required by conditions of NCGS10000 Storm Water Discharge Permit. Provide copies to Chatham County Erosion Control Officer.
7. Rough grade site. Maintain devices weekly, after each rain and as needed. Stabilize pipe outlet areas before pipe construction.
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9. Stabilize site as areas are brought up to finish grade with vegetation, paving, etc. The angle for graded slopes and fills shall be no greater than the angle that can be retained by vegetative cover or other adequate erosion control devices or structures. In any event, slope left exposed will, within 14 calendar days of completion of any phase of grading, be planted or otherwise provided with temporary ground cover, devices or structures sufficient to restrain erosion.
10. When construction is complete and all areas are stabilized completely, call for inspection by Erosion Control Officer.
11. If site is approved, remove temporary diversions, silt fencing, and seed out or pave any bare areas. Stabilize these areas immediately.
12. When vegetation has become established, call for final site inspection by Erosion Control Officer.
13. Obtain Certificate of Completion.

STABILIZATION TIMEFRAMES

Site Area Description	Stabilization	Timeframe Exceptions
Perimeter dikes, swales, ditches, slopes	7 days	None
High Quality Water (HQW) Zones	7 days	None
Slopes steeper than 3:1	7 days	If slopes are 10' or less in length and are not steeper than 3:1, 14 days are allowed.
Slopes 3:1 or flatter	14 days	7 days for slopes greater than 50' in length.
All other areas with slopes flatter than 4:1	14 days	None, except for perimeters and HQW Zones.

SELF INSPECTION NOTICE:

NOTIFICATION OF LAND RESOURCES SEDIMENT AND EROSION CONTROL SELF-INSPECTION PROGRAM:

THE SEDIMENTATION POLLUTION CONTROL ACT WAS AMENDED IN 2006 TO REQUIRE THAT PERSONS RESPONSIBLE FOR LAND-DISTURBING ACTIVITIES INSPECT A PROJECT AFTER EACH STAGE OF THE PROJECT TO MAKE SURE THAT THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN IS BEING FOLLOWED. RULES DETAILING THE DOCUMENTATION OF THESE INSPECTIONS TOOK EFFECT OCTOBER 1, 2010. THE SELF-INSPECTION PROGRAM IS SEPARATE FROM THE WEEKLY SELF-MONITORING PROGRAM OF THE NPDES STORMWATER PERMIT FOR CONSTRUCTION ACTIVITIES. THE FOCUS OF THE SELF-INSPECTION REPORT IS THE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL MEASURES ACCORDING TO THE APPROVED PLAN. THE INSPECTIONS MUST BE CONDUCTED AFTER EACH STAGE OF THE PROJECT, AND CONTINUED UNTIL PERMANENT GROUND COVER IS ESTABLISHED IN ACCORDANCE WITH NCGS 113A-54.1 AND 15A NCS 48.0131. THE SELF-INSPECTION REPORT FORM IS AVAILABLE AS AN EXCEL SPREADSHEET FROM: [HTTP://WWW.DLR.ENR.STATE.NC.US/PAGES/SEDIMENTATION_NEW.HTML](http://www.dlr.enr.state.nc.us/pages/sedimentation_new.html) IF YOU HAVE QUESTIONS OR CANNOT ACCESS THE FORM, PLEASE CONTACT THIS OFFICE AT (919) 791-4200.

NOTE:
 CURB INLETS (CI) SHALL BE NCDOT STANDARD 840.02
 CURB INLETS (YI) SHALL BE NCDOT STANDARD 840.14
 JUNCTION BOX (JB) MAY BE PRECAST BOX OR MANHOLE WITH RING & COVER

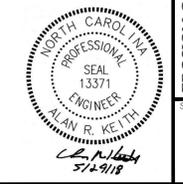
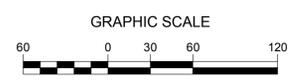
INLET DATA

Inlet	Type	Station	Drainage Area (AC)	Q-2 (Cfs)	Q-2 (Feet)	Q-10 to Inlet (Cfs)	Invert In	Invert Out	Top
A	CI	24+43.13' Montgomery Place	0.15	0.7	4.43	0.8	P-1 422.73	422.53	426.78
B	CI	24+43.13' Montgomery Place	0.23	1.0	5.25	1.3	P-3 422.73	422.90	426.62
C	CI	22+06.62' Montgomery Place	0.09	0.4	2.64	0.5	429.20	429.00	433.90
D	CI	22+06.62' Montgomery Place	0.16	0.7	3.66	0.9	429.36	429.36	433.74
E	CI	26+01.86' Montgomery Place	0.12	0.5	3.74	0.7	419.80	419.80	423.94
F	CI	26+01.86' Montgomery Place	0.18	0.9	5.00	1.0	419.67	419.47	423.94
G	YI	15+25.77' Forsyth Row	0.06	0.4	N/A	0.3	P-6 418.80	418.00	422.70
H	YI	14+65.02' Forsyth Row	0.63	2.7	N/A	3.4	P-13 420.2	420.10	424.49
I	YI	26+61.44' Forsyth Row	0.61	2.6	N/A	3.3	P-12 423.8	423.70	427.80
J	YI	12+65.02' Forsyth Row	0.60	2.5	N/A	3.2	P-11 423.9	423.90	431.79
K	YI	11+49.65' Forsyth Row	0.67	2.8	N/A	3.6	P-10 423.9	423.70	436.40
L	CI	27+75.00' Montgomery Place	0.17	0.7	N/A	0.9	416.55	416.35	421.32
M	CI	27+75.00' Montgomery Place	0.16	1.1	N/A	0.9	P-7 417.00	416.80	421.32
N	CI	27+97.25' Montgomery Place	0.17	0.7	3.61	0.9	416.00	415.80	421.38
O	CI	28+48.07' Montgomery Place	0.28	1.4	5.09	1.5	418.30	418.20	422.01
P	CI	30+80.90' Montgomery Place	0.23	1.0	4.33	1.3	426.83	426.63	431.05
Q	CI	30+80.90' Montgomery Place	0.11	0.5	2.98	0.6	427.00	427.00	430.89
R	CI	32+86.52' Montgomery Place	0.10	0.4	3.16	0.5	P-19 435.83	435.63	439.27
S	CI	32+86.52' Montgomery Place	0.14	0.6	3.94	0.8	435.50	435.30	439.27
T	CI	34+22.88' Montgomery Place	0.04	0.2	2.01	0.2	438.00	438.90	443.35
U	CI	35+26.64' Montgomery Place	0.07	0.3	2.65	0.4	441.27	441.07	445.75
V	CI	35+26.64' Montgomery Place	0.12	0.6	3.94	0.7	441.40	441.40	445.75
W	CI	12+16.94' Halifax	0.10	0.4	3.50	0.5	437.33	437.23	441.91
X	CI	12+16.94' Halifax	0.18	0.8	4.96	1.0	437.50	437.50	441.75
Y	CI	10+68.57' Halifax	0.08	0.4	2.87	0.4	434.20	434.00	438.55
Z	CI	10+68.57' Halifax	0.14	0.7	3.92	0.8	433.80	433.60	438.39
AA	CI	10+45.05' Halifax	0.05	0.2	2.00	0.3	431.00	431.00	435.40
BB	CI	10+45.05' Halifax	0.05	0.2	2.00	0.3	430.87	430.67	435.40
CC	CI	19+57.14' Montgomery Place	0.42	1.8	Sag	2.3	P-26 431.20	431.00	436.41
DD	CI	19+57.14' Montgomery Place	0.11	0.5	Sag	0.6	430.87	430.77	436.41
EE	YI	10+20.46' Bunccombe Row	0.35	1.5	N/A	1.9	432.70	432.50	436.40
QQ	CI	10+47.77' Street A	0.10	0.4	2.87	0.5	431.38	431.18	435.16
RR	CI	10+47.77' Street A	0.03	0.1	2.00	0.2	431.05	430.85	435.16
NNN	CI	10+55.75' Montgomery Place	0.08	0.3	3.31	0.4	P-64 436.00	435.90	439.74
OOO	CI	10+55.75' Montgomery Place	0.03	0.1	2.00	0.2	435.62	435.52	439.74
PPP	CI	22+35.87' West Camden	0.14	1.0	N/A	0.8	430.71	430.61	435.70
QQQ	CI	22+35.87' West Camden	0.15	0.7	N/A	0.8	P-67 431.00	430.31	435.70
RRR	CI	10+38.05' Millcroft	0.37	1.6	Sag	2.0	428.91	428.81	434.24
TTT	CI	10+38.05' Millcroft	0.12	0.5	Sag	0.6	428.53	428.43	434.24
UUU	CI	20+73.27' West Camden	0.37	1.7	2.27	1.7	427.84	427.64	431.70
VVV	CI	20+73.27' West Camden	0.37	1.5	5.50	1.9	427.10	427.00	431.70
WWW	CI	21+26.80' Millcroft	0.35	1.5	4.30	1.9	431.90	431.70	437.20
XXX	CI	22+92.00' West Camden	0.00	0.0	N/A	0.0	433.86	433.76	437.82
YYY	CI	21+84.21' Millcroft	1.30	4.9	N/A	6.4	432.39	432.19	437.20
WC-1	JB	10+31.49' W. Camden 10.5' LT	0.00	0.0	N/A	0.0	Existing	Existing	Existing
WC-2	JB	10+60.97' W. Camden 35.85' LT	0.00	0.0	N/A	0.0	435.29	435.29	435.29
WC-3	JB	10+90.13' W. Camden 35' LT	0.00	0.0	N/A	0.0	436.51	436.41	436.41
N1	JB	28+00.00' Montgomery Place	0.00	0.0	N/A	0.0	415.48	415.28	421.50
S1	JB	32+86.52' Montgomery Place	0.00	0.0	N/A	0.0	434.50	428.40	439.50

PIPE DATA

Pipe	From	To	Q-10 from Inlet (cfs)	Q-10 Total in Pipe (cfs)	Material	Diameter (Inches)	Length (Feet)	Slope (%)	Capacity (cfs)
P-1	A	B	1.3	1.3	RCP	15	33.00	0.50	4.6
P-2	D	C	0.9	0.9	RCP	15	33.00	0.50	4.6
P-3	C	A	0.5	1.4	RCP	15	238.51	2.65	10.5
P-4	A	FES	0.8	3.5	RCP	15	24.00	1.00	6.5
P-5	E	F	0.7	0.7	RCP	15	25.00	0.50	4.6
P-6	F	G	1.0	1.7	RCP	15	44.66	1.50	7.9
P-7	G	M	0.0	15.8	RCP	24	128.48	0.78	20.0
P-8	O	M	1.5	1.5	RCP	15	43.51	2.53	10.3
P-9	M	L	0.9	17.9	RCP	24	25.00	1.00	22.7
P-10	L	N	0.9	18.8	RCP	24	27.06	1.10	23.8
P-11	K	J	3.6	3.6	RCP	15	115.38	4.07	13.1
P-12	J	I	3.2	6.8	RCP	15	100.00	4.10	13.1
P-13	I	H	3.3	10.1	RCP	18	100.00	3.50	19.7
P-14	H	G	3.4	13.5	RCP	18	60.74	3.13	18.6
P-15	P	FES	1.3	1.9	RCP	15	32.00	6.66	16.7
P-16	Q	P	0.6	0.6	RCP	15	33.00	0.50	4.6
P-17	V	U	0.7	0.7	RCP	15	25.00	0.50	4.6
P-18	U	T	0.4	1.1	RCP	15	107.95	1.92	9.0
P-19	T	R	0.2	1.3	RCP	15	130.30	2.36	10.0
P-20	S	S1	0.8	2.6	RCP	15	16.00	5.00	14.5
P-21	R	S	0.5	1.8	RCP	15	25.00	0.50	4.6
P-22	FES	FES	1.2	1.2	RCP	15	104.00	6.73	16.8
P-23	X	W	1.0	1.0	RCP	15	33.00	0.50	4.6
P-24	W	Y	0.5	1.5	RCP	15	148.37	2.04	9.3
P-25	Y	Z	0.4	1.9	RCP	15	33.00	0.61	5.0
P-26	Z	CC	0.8	2.7	RCP	15	86.27	2.78	10.8
P-27	CC	DD	2.3	15.8	RCP	24	25.00	0.50	16.0
P-28	DD	FES	0.5	16.3	RCP	24	36.00	0.80	20.3
P-29	CC	EE	1.9	10.8	RCP	18	71.30	1.05	10.8
P-39	FES	QQ	0.8	0.8	RCP	15	24.00	0.50	4.6
P-40	QQ	RR	0.5	1.3	RCP	15	25.00	0.50	4.6
P-41	RR	FES	0.2	1.5	RCP	15	24.00	0.50	4.6
P-65	FES	NNN	2.6	2.6	RCP	15	48.00	5.21	14.8
P-66	NNN	OOO	0.4	6.8	RCP	15	25.00	1.10	6.8
P-67	OOO	QQQ	0.2	7.0	RCP	15	99.95	4.52	13.8
P-68	PPP	QQQ	0.8	13.3	RCP	24	40.82	0.50	16.0
P-69	QQQ	RRR	0.8	21.1	RCP	24	49.43	2.83	38.2
P-71	RRR	TTT	1.1	23.1	RCP	30	56.07	0.50	29.1
P-72	TTT	FES	0.6	23.7	RCP	30	36.00	0.50	29.1
P-73	FES	FES	18.1	18.1	RCP	30	72.00	0.69	34.3
P-74	HDWL	HDWL	30.8	30.8	RCP	36	64.00	3.10	118.3
P-75	UUU	VVV	1.7	11.9	RCP	18	36.00	1.50	12.9
P-76	VVV	FES	1.9	13.8	RCP	24	32.00	1.00	22.7
P-77	AA	BB	0.3	0.3	RCP	15	25.00	0.50	4.6
P-78	BB	FES	0.3	0.6	RCP	15	24.00	0.50	4.6
P-79	FES	FES	27.2	27.2	RCP	24	96.00	0.60	34.0
P-80	XXX	PPP	0.0	0.0	RCP	24	56.13	5.43	52.8
P-81	FES	FES	9.1	9.1	RCP	24	60.00	1.00	22.7
P-86	WWW	UUU	1.9	10.2	RCP	18	83.49	4.62	22.6
P-87	XXX	WWW	1.9	8.3	RCP	18	39.02	0.75	9.1
P-88	YYY	XXX	6.4	6.4	RCP	15	32.00	1.20	7.1
P-89	FES	FES	7.6	7.6	RCP	18	64.00	4.69	22.8
P-90	N	N1	0.9	19.7	RCP	24	16.00	2.00	32.1
P-91	WC-1	WC-2	Exist	Exist	RCP	24	40.00	2.00	32.0
P-92	Collar	WC-3	Exist	Exist	RCP	42	80.00	1.10	105.8
P-93	WC-3	HDWL	86.6	86.6	CMP	42	125.00	7.92	167.8
P-94	N1	FES	0.0	19.7	RCP	24	104.00	5.08	51.1
P-95	S1	FES	0.0	2.6	RCP	15	36.00	4.00	13.0
P-96	FES	XXX	12.5	12.5	RCP	24	24.00	6.83	59.3

TOTAL DISTURBED AREA = 26.00 AC.



Sediment Basin Schedule

Basin No.	Tributary	Total Dist. Area (AC)	DA (AC)	Basin Size (L' x W' x Depth**)	Surface Area (Sq. Ft.)	Volume (Cu. Ft.)	Storage (Life)	Weir Length (ft)	Skimmer Size (Dia) (in)	Orifice Dia. (in)	
SB-1	0.73	0.73	53	25	3	1,325	2,650	1 year	10	3	0.75
SB-2	2.45	2.65	135	33							

MAP LEGEND

- EIP EXISTING IRON PIPE
- EIS EXISTING IRON STAKE
- IPS IRON PIPE SET
- ISS IRON STAKE SET
- ECM EXISTING CONCRETE MONUMENT
- ▲ RRS RAILROAD SPIKE
- △ EXN EXISTING NAIL
- PP POWER POLE
- CMP COMPUTED POINT
- ICV IRRIGATION CONTROL VALVE

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STABILIZATION TIMEFRAMES		
Site Area Description	Stabilization	Timeframe Exceptions
Perimeter dikes, swales, ditches, slopes	7 days	None
High Quality Water (HQW) Zones	7 days	None
Slopes steeper than 3:1	7 days	If slopes are 10' or less in length and are not deeper than 3', 14 days are allowed.
Slopes 3:1 or flatter	14 days	7 days for slopes greater than 50' in length.
All other areas with slopes flatter than 4:1	14 days	None, except for perimeter and HQW Zones.

CONSTRUCTION SEQUENCE

- Obtain grading permit. Schedule and hold pre-construction meeting with Chatham County Erosion and Sedimentation Control Inspector.
- Install gravel entrance and all silt fence. Clear only as required for silt fence.
- Construct sediment basins and clear water diversion. Stabilize immediately. Install pipes P-74, P-75, P-76, P-79, P-80, P-81, P-84, P-86, P-87, P-88 with dischargers.
- Construct temporary diversion ditches. Stabilize immediately.
- Call (919) 545-9343 for on-site inspection by an Erosion Control Officer. If approved, begin clearing and grubbing.
- Provide all monitoring, inspection, and record keeping as required by conditions of NCGS10000 Storm Water Discharge Permit. Provide copies to Chatham County Erosion Control Officer.
- Rough grade site. Maintain devices weekly, after each rain and as needed. Stabilize pipe outlet areas before pipe construction.
- Install utilities and storm drainage. Provide inlet protection for all inlets.
- Stabilize site as areas are brought up to finish grade with vegetation, paving, etc. The angle for graded slopes and fills shall be no greater than the angle that can be retained by vegetative cover or other adequate erosion control devices or structures. In any event, slope left exposed will, within 14 calendar days of completion of any phase of grading, be planted or otherwise provided with temporary ground cover, devices or structures sufficient to restrain erosion.
- When construction is complete and all areas are stabilized completely, call for inspection by Erosion Control Officer.
- If site is approved, remove temporary diversions, silt fencing, and seed out or pave any bare areas. Stabilize these areas immediately.
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INLET DATA									
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DD	CI	19+57.14' Montgomery Place	0.11	0.5	Sag	0.6	430.87	430.77	436.41
EE	YI	10+20.46' Ncombe Row	0.35	1.5	N/A	1.9	432.70	432.50	436.40
NNN	CI	10+55.75' Montgomery Place	0.08	0.3	3.31	0.4	P-64 436.00	435.90	439.74
OOO	CI	10+55.75' Montgomery Place	0.03	0.1	2.00	0.2	435.62	435.52	439.74
PPP	CI	22+35.87' West Camden	0.14	1.0	N/A	0.8	430.71	430.61	435.70
QQQ	CI	22+35.87' West Camden	0.15	0.7	N/A	0.8	P-67 431.00	430.31	435.70
RRR	CI	10+38.05' Millcroft	0.37	1.6	Sag	2.0	428.91	428.81	434.24
TTT	CI	10+38.05' Millcroft	0.12	0.5	Sag	0.6	428.53	428.43	434.24
UUU	CI	20+73.27' West Camden	0.37	1.7	2.27	1.7	427.84	427.64	431.70
VVV	CI	20+73.27' West Camden	0.37	1.5	5.50	1.9	427.10	427.00	431.70
WWW	CI	21+36.80' Millcroft	0.35	1.5	4.30	1.9	431.90	431.70	437.29
XXX	CI	22+92.00' West Camden	0.00	0.0	N/A	0.0	433.86	433.76	437.82
YYY	CI	21+84.21' Millcroft	1.30	4.9	N/A	6.4	432.39	432.19	437.29
WC-1	JB	10+31.49' W. Camden 10.5' LT	0.00	0.0	N/A	0.0	Existing	Existing	435.29
WC-2	JB	10+60.97' W. Camden 35.85' LT	0.00	0.0	N/A	0.0	Existing	Existing	435.29
WC-3	JB	10+90.13' W. Camden 35' LT	0.00	0.0	N/A	0.0	Existing	Existing	436.51
N1	JB	28+00.00' Montgomery Place	0.00	0.0	N/A	0.0	415.48	415.28	421.50
S1	JB	32+86.52' Montgomery Place	0.00	0.0	N/A	0.0	434.50	428.40	439.50

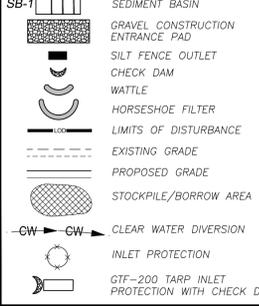
PIPE DATA									
Pipe	From	To	Q-10 Inlet (cfs)	Q-10 Total in Pipe (cfs)	Material	Diameter (Inches)	Length (Feet)	Slope (%)	Capacity (cfs)
P-1	A	B	1.3	1.3	RCP	15	33.00'	0.50	4.6
P-2	D	C	0.9	0.9	RCP	15	33.00'	0.50	4.6
P-3	C	A	0.5	1.4	RCP	15	236.51'	2.65	10.5
P-4	A	FES	0.8	3.5	RCP	15	24.00	1.00	6.5
P-5	E	F	0.7	0.7	RCP	15	25.00	0.50	4.6
P-6	F	G	1.0	1.7	RCP	15	44.56'	0.76	7.9
P-7	G	M	0.3	15.2	RCP	24	128.48'	0.76	20.0
P-8	O	M	1.5	1.5	RCP	15	43.51'	2.53	10.3
P-9	M	L	0.9	17.9	RCP	24	25.00	1.00	22.7
P-10	L	N	0.9	18.8	RCP	24	27.06'	1.10	23.8
P-11	K	J	3.6	3.6	RCP	15	115.38'	4.07	13.1
P-12	J	I	3.2	6.8	RCP	15	100.00'	4.10	13.1
P-13	I	H	3.3	10.1	RCP	18	100.00'	3.50	19.7
P-14	H	G	3.4	13.5	RCP	18	60.74'	3.13	18.6
P-15	P	FES	1.3	1.9	RCP	15	32.00	6.66	16.7
P-16	Q	P	0.6	0.6	RCP	15	33.00	0.50	4.6
P-17	V	U	0.7	0.7	RCP	15	25.00	0.50	4.6
P-18	U	T	0.4	1.1	RCP	15	107.95'	1.92	9.0
P-19	T	R	0.2	1.3	RCP	15	130.30'	2.36	10.0
P-20	S	S1	0.8	2.6	RCP	15	16.00	5.00	14.5
P-21	R	S	0.5	1.8	RCP	15	25.00	0.50	4.6
P-22	FES	FES	1.2	1.2	RCP	15	104.00	6.73	16.8
P-23	Y	W	1.0	1.0	RCP	15	33.00	0.50	4.6
P-24	W	Y	0.5	1.5	RCP	15	148.37'	2.04	9.3
P-25	Y	Z	0.4	1.9	RCP	15	33.00	0.61	5.0
P-26	Z	CC	0.8	2.7	RCP	15	86.27'	2.78	10.8
P-27	CC	DD	2.3	15.8	RCP	24	25.00	0.50	16.0
P-28	DD	FES	0.5	16.3	RCP	24	36.00	0.80	20.3
P-29	CC	EE	1.9	10.8	RCP	18	71.30	1.05	10.8
P-39	FES	QQ	0.8	0.8	RCP	15	24.00	0.50	4.6
P-40	QQ	RR	0.5	1.3	RCP	15	25.00	0.50	4.6
P-41	RR	FES	0.2	1.5	RCP	15	24.00	0.50	4.6
P-65	FES	NNN	2.6	2.6	RCP	15	48.00'	5.21	14.8
P-66	NNN	OOO	0.4	6.8	RCP	15	25.00	1.10	6.8
P-67	OOO	QQQ	0.2	7.0	RCP	15	99.95'	4.52	13.8
P-68	PPP	QQQ	0.8	13.3	RCP	24	40.82'	0.50	16.0
P-69	QQQ	RRR	0.8	21.1	RCP	24	49.43'	2.83	38.2
P-71	RRR	TTT	1.1	23.1	RCP	30	56.07'	0.50	29.1
P-72	TTT	FES	0.6	23.7	RCP	30	36.00'	0.50	29.1
P-73	FES	FES	18.1	18.1	RCP	30	72.00	0.69	34.3
P-74	HDWL	HDWL	30.8	30.8	RCP	36	64.00'	3.10	118.3
P-75	UUU	VVV	1.7	11.9	RCP	18	36.03'	1.50	12.9
P-76	VVV	FES	1.9	13.8	RCP	24	32.00	1.00	22.7
P-77	AA	BB	0.3	0.3	RCP	15	25.00	0.50	4.6
P-78	BB	FES	0.3	0.6	RCP	15	24.00	0.50	4.6
P-79	FES	FES	27.2	27.2	RCP	24	96.00'	0.60	34.0
P-80	XXX	PPP	0.0	0.0	RCP	24	56.13	5.43	52.8
P-81	FES	FES	9.1	9.1	RCP	24	60.00	1.00	22.7
P-86	WWW	UUU	1.9	10.2	RCP	18	83.49'	4.62	22.6
P-87	XXX	WWW	1.9	8.3	RCP	18	39.02'	0.75	9.1
P-88	YYY	XXX	6.4	6.4	RCP	15	32.00	1.20	7.1
P-89	FES	FES	7.6	7.6	RCP	18	64.00'	4.69	22.8
P-90	N	N1	0.9	19.7	RCP	24	16.00	2.00	32.1
P-91	WC-1	WC-2	Exist	Exist	RCP	24	40.00	2.00	32.0
P-92	Collar	WC-3	Exist	Exist	RCP	42	80.00'	1.10	105.8
P-93	WC-3	HDWL	86.6	86.6	CMP	42	125.00'	7.92	167.8
P-94	N1	FES	0.0	19.7	RCP	24	104.00	5.08	51.1
P-95	S1	FES	0.0	2.6	RCP	15	36.00	4.00	13.0
P-96	FES	XXX	12.5	12.5	RCP	24	24.00	6.83	59.3

EROSION CONTROL LEGEND

- P-1 STORM DRAIN
- FLARED-END-SECTION
- TEMPORARY DIVERSION
- DITCH W/NAG SC 75
- SILT FENCE
- SEDIMENT BASIN
- GRAVEL CONSTRUCTION ENTRANCE PAD
- SILT FENCE OUTLET
- CHECK DAM
- WATTLE
- HORSESHOE FILTER
- LIMITS OF DISTURBANCE
- EXISTING GRADE
- PROPOSED GRADE
- STOCKPILE/BORROW AREA
- P-79 CLEAR WATER DIVERSION
- P-81 INLET PROTECTION
- GT-200 TARP INLET PROTECTION WITH CHECK DAM

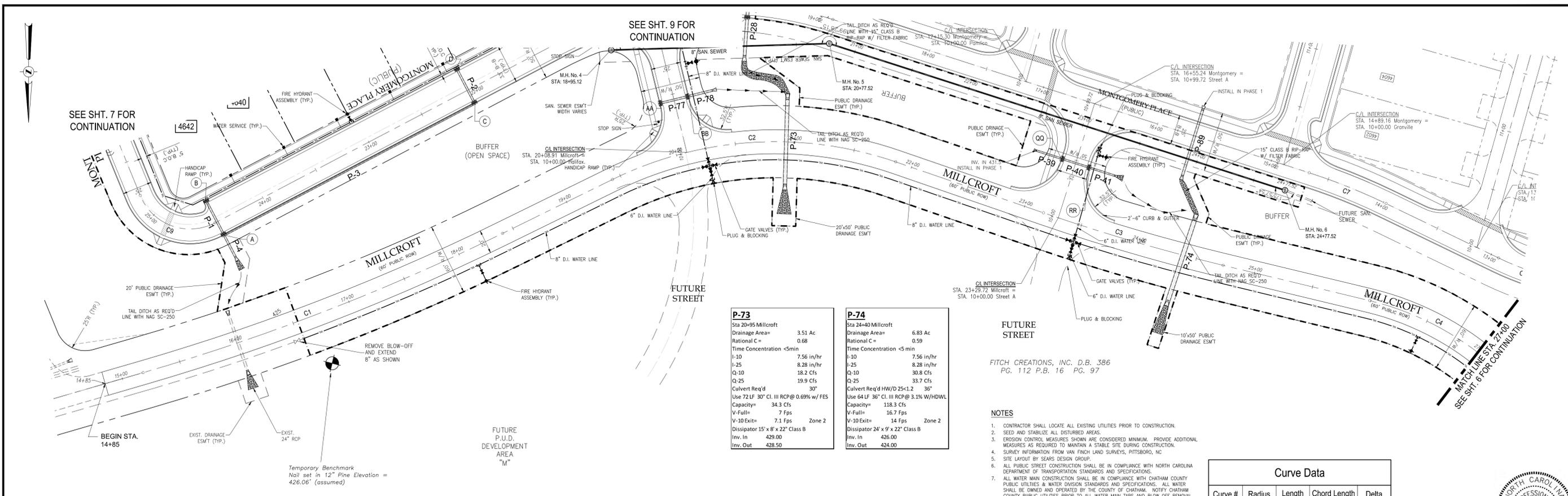
EROSION CONTROL PLAN

SCALE: 1" = 60'



Sediment Basin Schedule

Basin No.	Tributary Dist. Area AC	Total Area AC	Basin Size L*W*Depth** Ft Ft Ft	Surface Area Sq. Ft.	Volume Cu. Ft.	Storage Life
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Station	Drainage Area (Ac)	Rational C	Time Concentration (min)	1-10 (in/hr)	1-25 (in/hr)	Q-10 (Cfs)	Q-25 (Cfs)	Culvert Req'd (30")	Use (Pipe)	Capacity (Cfs)	V-Full (Fps)	V-10 Exit (Fps)	Dissipator	Inv. In (ft)	Inv. Out (ft)
P-73 Sta 20+95 Millcroft	3.51	0.68	<5min	7.56	8.28	18.2	19.9	30"	72 LF 30" CI. III RCP @ 0.69% w/ FES	34.3	7	7.1	15' x 8' x 22" Class B	429.00	428.50
P-74 Sta 24+40 Millcroft	6.83	0.59	<5min	7.56	8.28	30.8	33.7	36"	64 LF 36" CI. III RCP @ 3.1% W/HDWL	118.3	14	14	24' x 8' x 22" Class B	426.00	424.00

FITCH CREATIONS, INC. D.B. 386
 PG. 112 P.B. 16 PG. 97

- NOTES**
- CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - SEED AND STABILIZE ALL DISTURBED AREAS.
 - EROSION CONTROL MEASURES SHOWN ARE CONSIDERED MINIMUM. PROVIDE ADDITIONAL MEASURES AS REQUIRED TO MAINTAIN A STABLE SITE DURING CONSTRUCTION.
 - SURVEY INFORMATION FROM VAN FINCH LAND SURVEYS, PITTSBORO, NC.
 - SITE LAYOUT BY SEARS DESIGN GROUP.
 - ALL PUBLIC STREET CONSTRUCTION SHALL BE IN COMPLIANCE WITH NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
 - ALL WATER MAIN CONSTRUCTION SHALL BE IN COMPLIANCE WITH CHATHAM COUNTY PUBLIC UTILITIES & WATER DIVISION STANDARDS AND SPECIFICATIONS. ALL WATER SHALL BE OWNED AND OPERATED BY THE COUNTY OF CHATHAM. NOTIFY CHATHAM COUNTY PUBLIC UTILITIES PRIOR TO ALL WATER MAIN TAPS AND BLOW OFF REMOVAL OF EXISTING WATER MAINS.
 - ALL SANITARY SEWER CONSTRUCTION SHALL BE IN COMPLIANCE WITH FITCH CREATIONS, INC. (FEARRINGTON UTILITIES) STANDARDS AND SPECIFICATIONS. ALL SANITARY SEWER SHALL BE OWNED AND OPERATED BY FITCH CREATIONS OR ASSIGNS.
 - NOTIFY FITCH CREATIONS PRIOR TO ALL SANITARY SEWER TAPS OR CONNECTIONS. NEW SEWER MAINS SHALL REMAIN PLUGGED UNTIL NEW MAINS ARE TESTED AND ACCEPTED BY FITCH CREATIONS.
 - STOPS SIGNS SHALL BE INSTALLED AS SHOWN. SIGNS SHALL BE RETROREFLECTIVE PER MCDOT & MUTCD STANDARDS MOUNTED ON 350 CRASH COMPLIANT POST.
 - CURB INLETS SHALL BE MCDOT STANDARD 840.02. YARD INLETS SHALL BE MCDOT STANDARD 840.14.

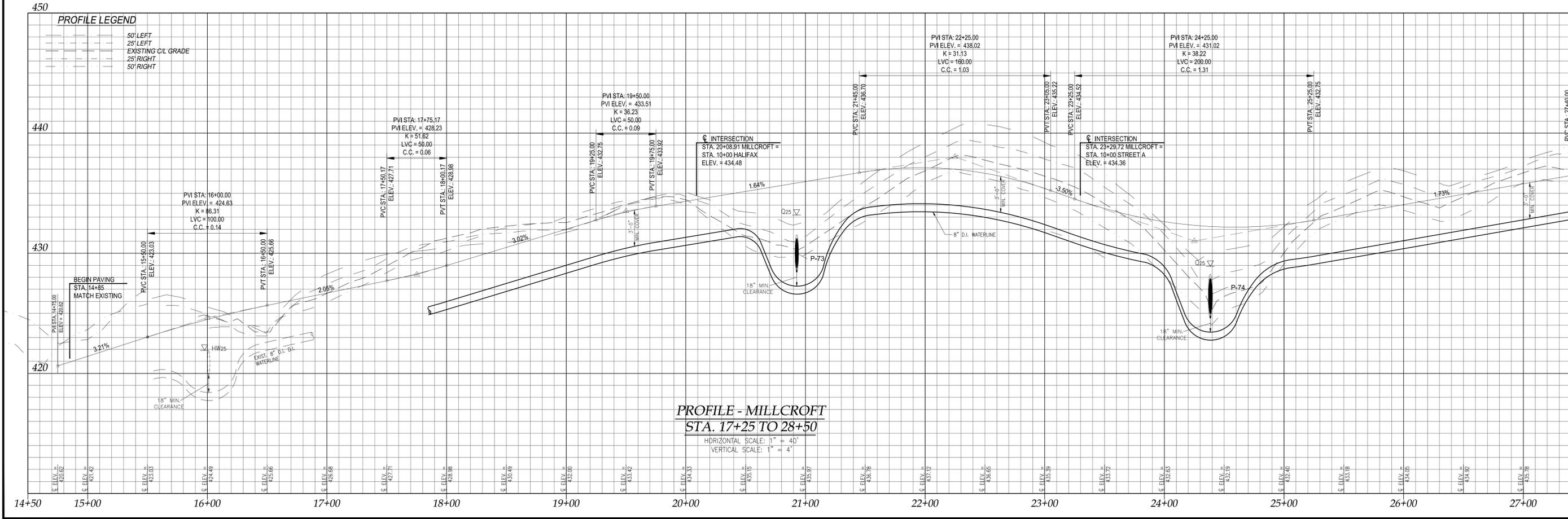
Curve Data				
Curve #	Radius	Length	Chord Length	Delta
C1	1863.65	322.44	322.04	9.91
C2	310.00	243.37	237.17	44.98
C3	1646.28	156.39	156.33	5.44
C4	240.00	120.20	118.95	28.70



PLAN - MILLCROFT STA. 14+85 TO 27+00 (60' PUBLIC ROW)

SCALE: 1" = 40'

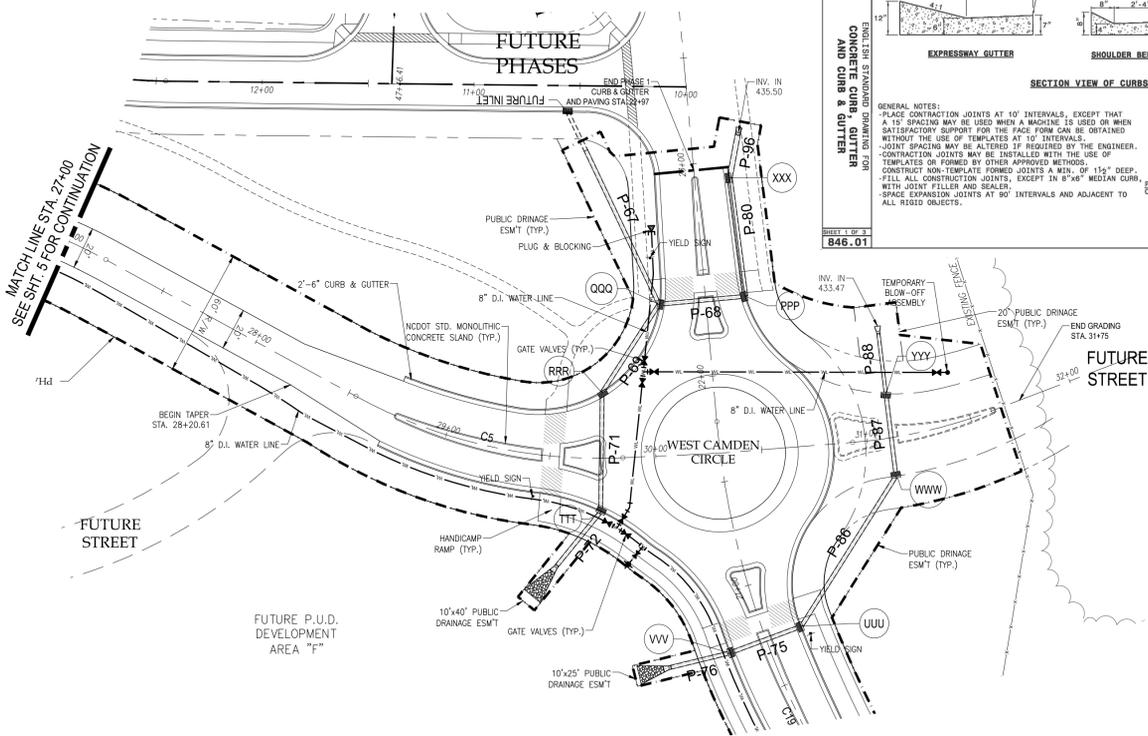
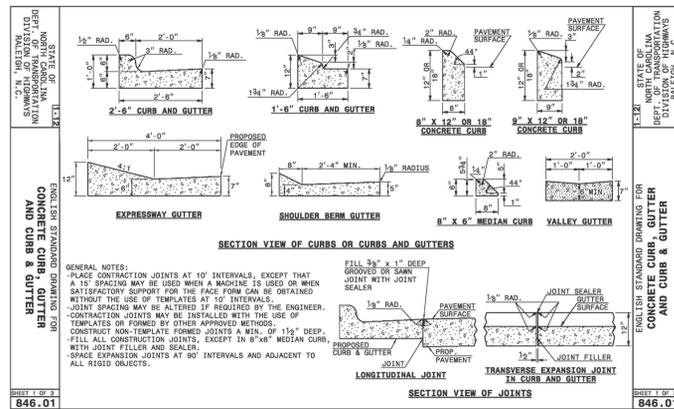
- DITCH LEGEND**
- NORTH AMERICAN GREEN SC-250
 - EXCESIOR MATTING
- NOTE:**
 PROVIDE NORTH AMERICAN GREEN S75 MATTING ALL DITCHES WITHOUT SPECIFIED LINING



PROFILE - MILLCROFT STA. 17+25 TO 28+50

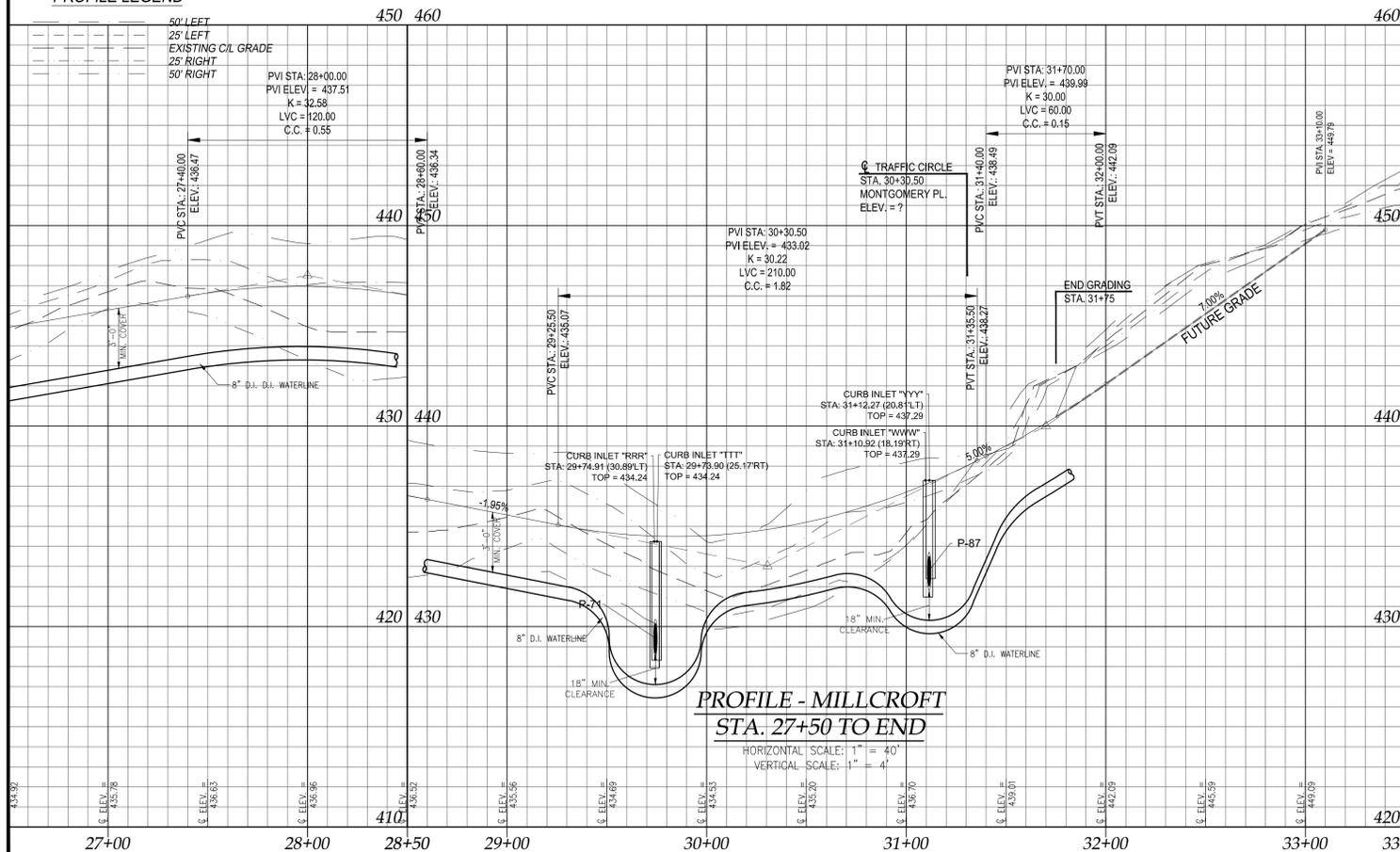
HORIZONTAL SCALE: 1" = 40'
 VERTICAL SCALE: 1" = 4'

Curve Data				
Curve #	Radius	Length	Chord Length	Delta
C5	240.00	130.84	129.23	31.24

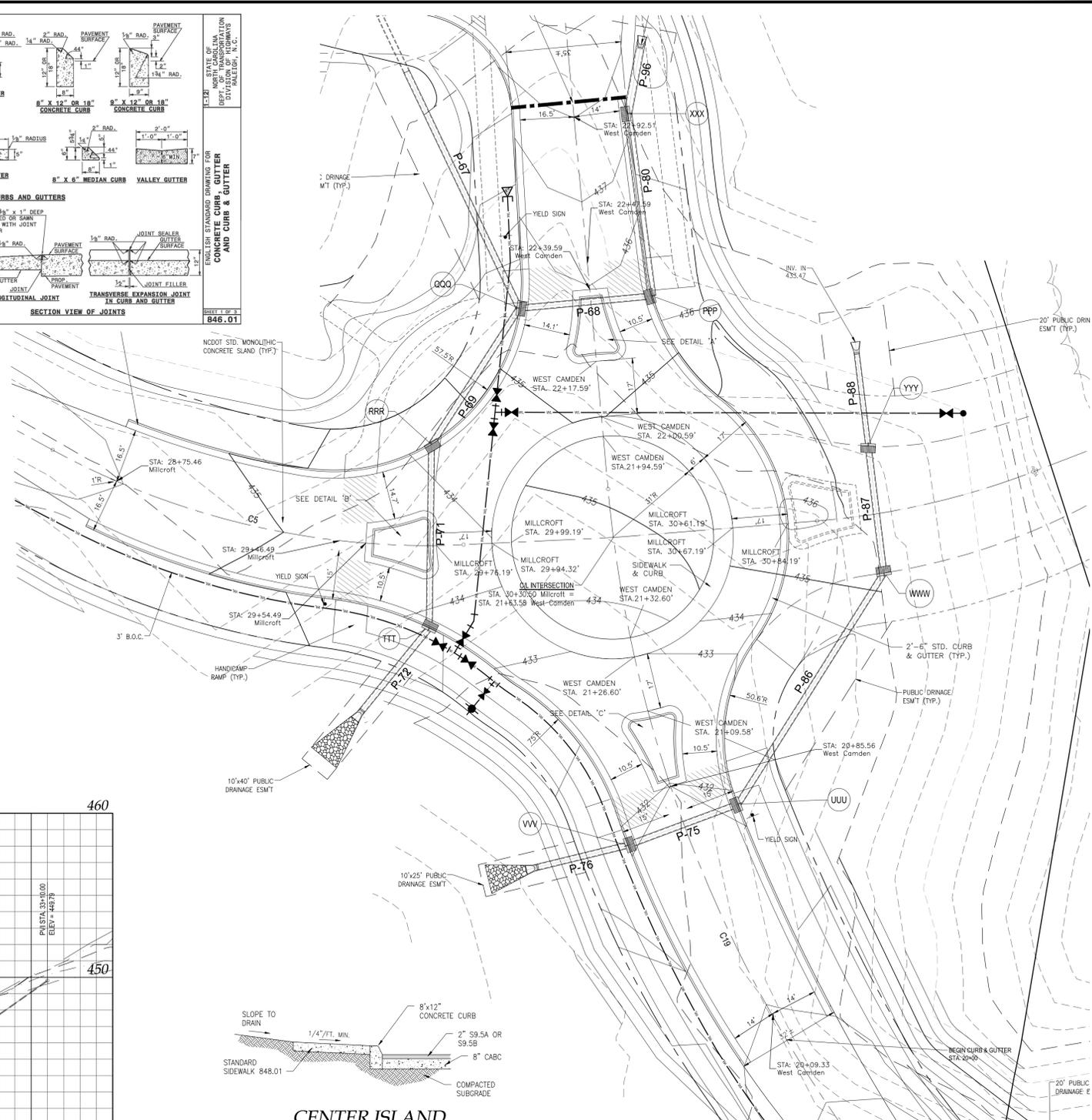


PLAN - MILLCROFT STA. 27+50 TO END (60' PUBLIC ROW)
SCALE: 1" = 40'

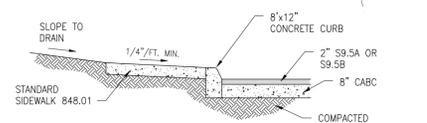
PROFILE LEGEND



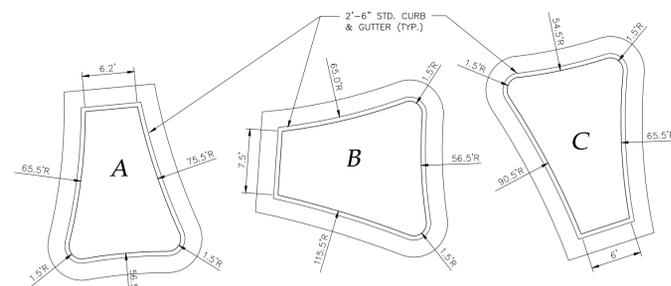
PROFILE - MILLCROFT STA. 27+50 TO END
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



PLAN - WEST CAMDEN TRAFFIC CIRCLE
SCALE: 1" = 20'



CENTER ISLAND DETAIL
NOT TO SCALE

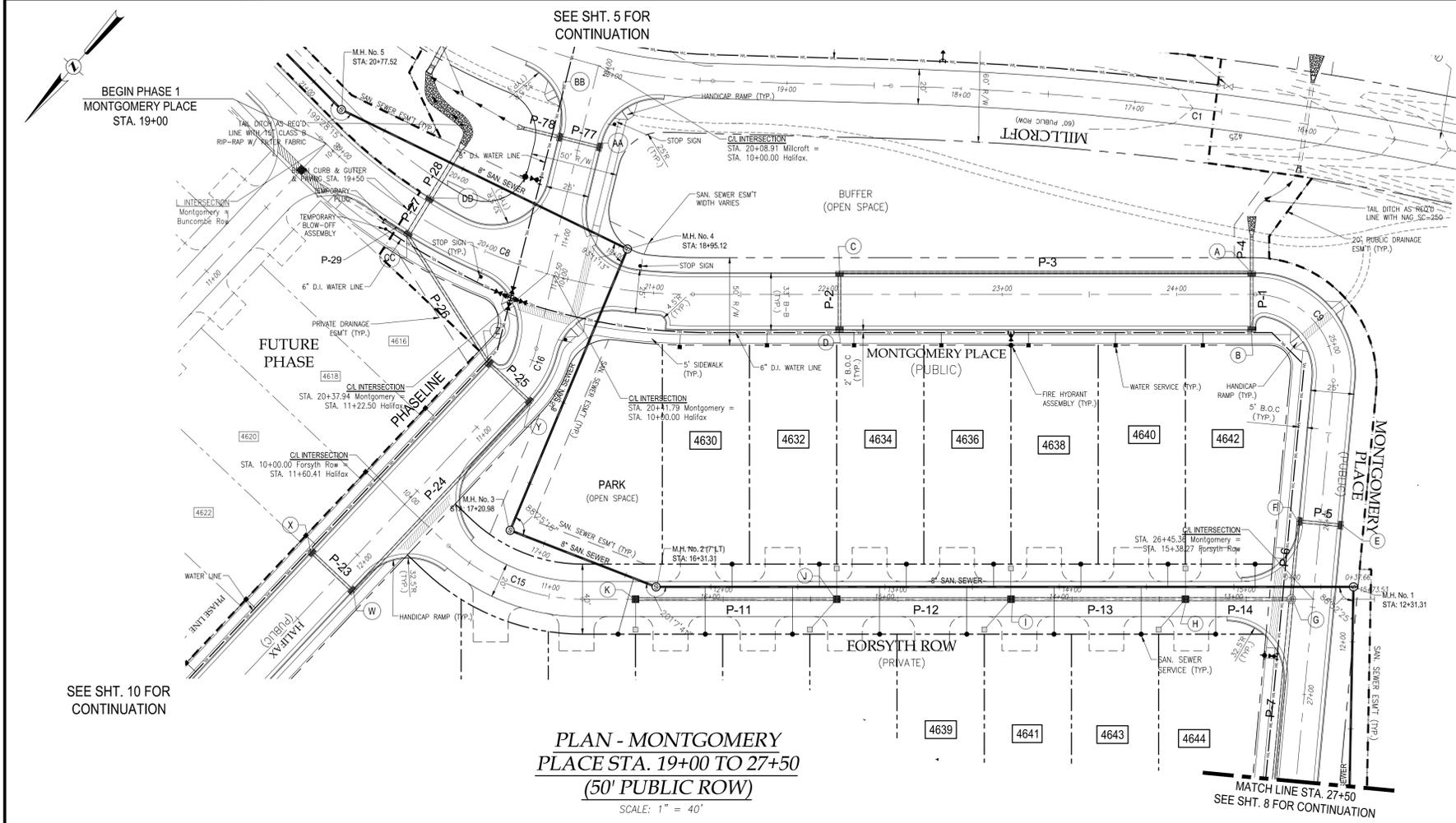


ISLAND 'A', 'B', & 'C' DETAIL
SCALE: 1" = 10'

NOTES

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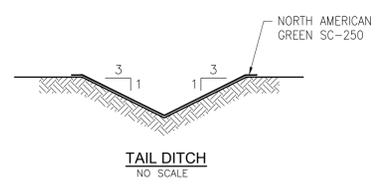




Curve Data

Curve #	Radius	Length	Chord Length	Delta
C8	300.00	237.53	231.37	45.36
C9	45.00	74.87	66.53	95.32

PLAN - MONTGOMERY PLACE STA. 19+00 TO 27+50
 (50' PUBLIC ROW)
 SCALE: 1" = 40'



- NOTES**
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 - CURB INLETS SHALL BE NCDOT STANDARD 840.02. YARD INLETS SHALL BE NCDOT STANDARD 840.14.

JOB NO. ?
 DESIGN: ARK
 DRAWN: MAT
 CHECKED: ARK
 SCALE: 1" = 40'
 FILE: Montgomery at Fearrington.dwg

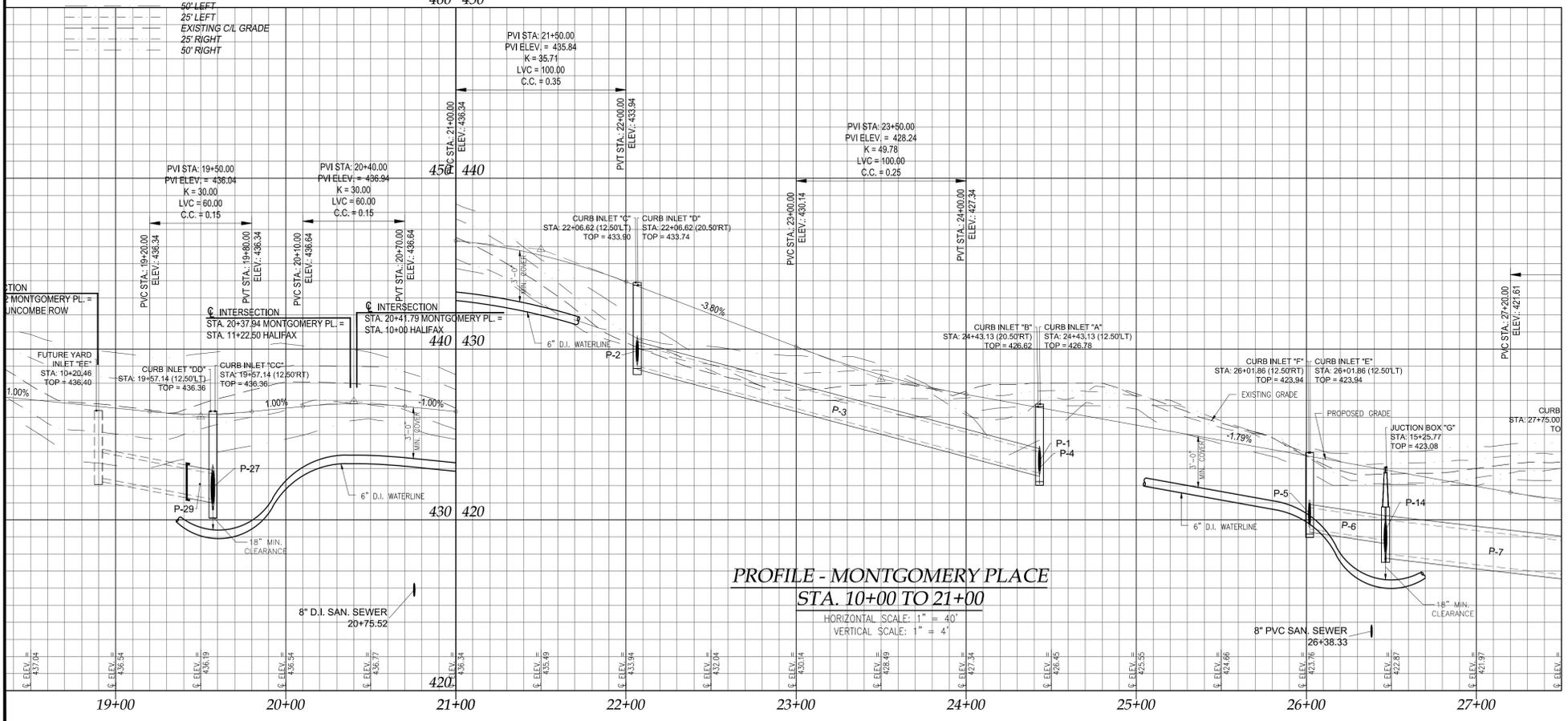
DIEHL & PHILLIPS, P.A.
 CONSULTING ENGINEERS - I.C. NO. C-0465
 1500 Piney Plains Rd., Suite 200
 CARY, N.C. 27518 • (919) 467-9972



FEARRINGTON SECTION X
AREA D PHASE 1
 CHATHAM COUNTY, NORTH CAROLINA

PLAN AND PROFILE - MONTGOMERY PLACE STA. 19+00 TO 27+50

PROFILE LEGEND



PROFILE - MONTGOMERY PLACE STA. 10+00 TO 21+00
 HORIZONTAL SCALE: 1" = 40'
 VERTICAL SCALE: 1" = 4'

