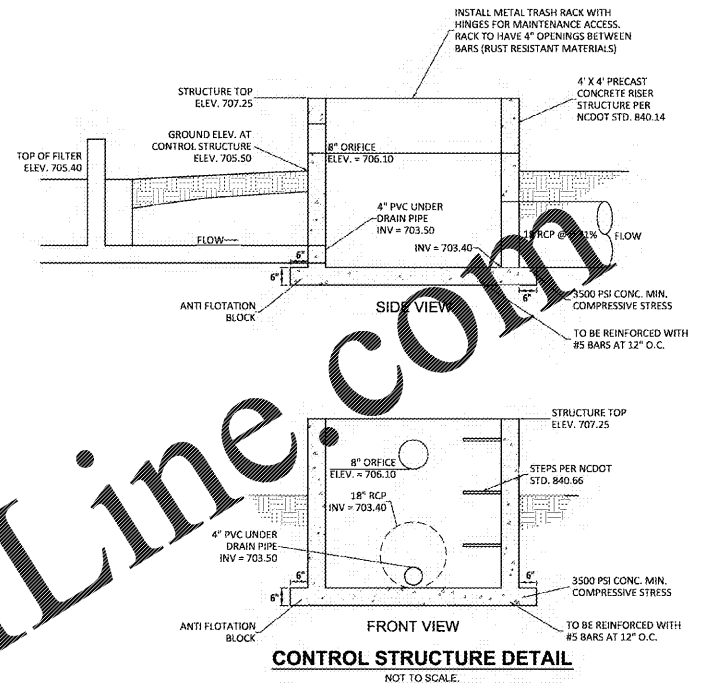
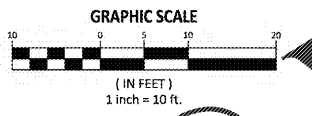
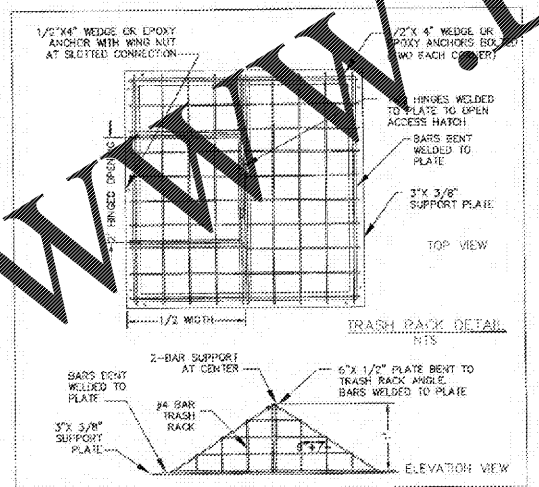
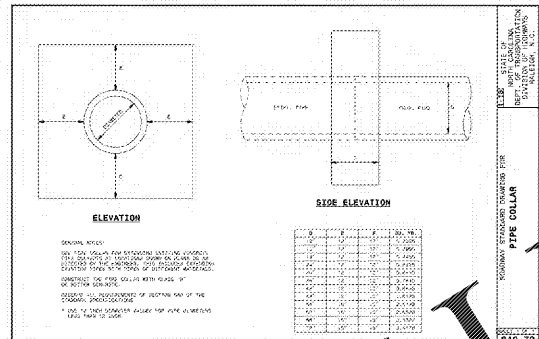
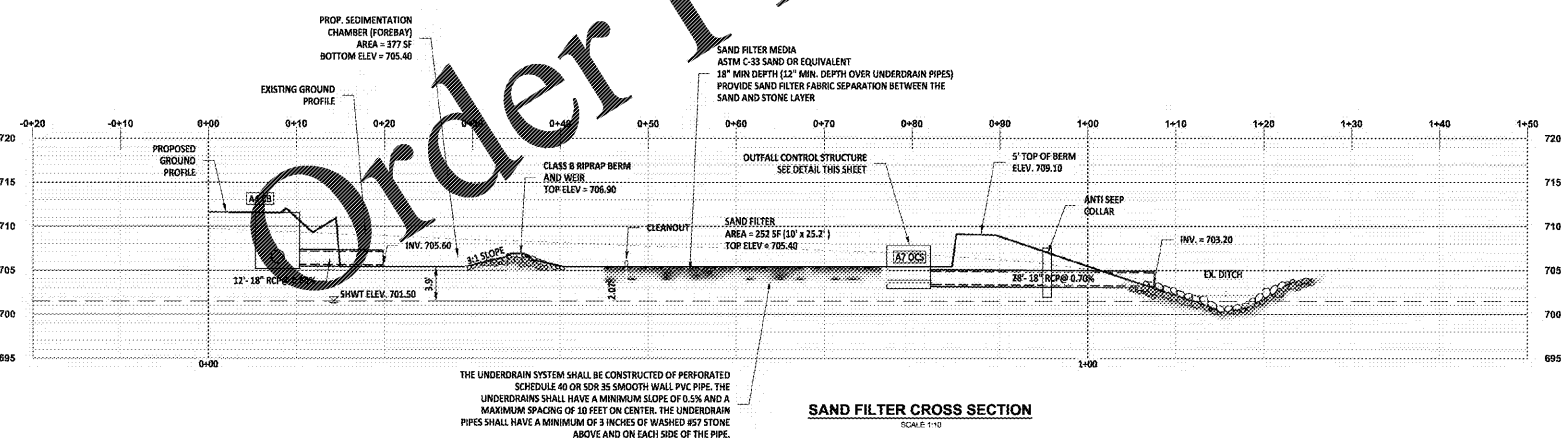


LEGEND

PROPERTY LINE
EASEMENT
SETBACK
GAS LINE
POWER LINE (OVERHEAD)
SANITARY SEWER PIPE
STORM DRAIN PIPE
TELEPHONE LINE (UNDERGROUND)
WATER LINE
FENCE
POWER LINE (UNDERGROUND)
LANDSCAPE BUFFER
STANDARD DUTY ASPHALT PAVEMENT
PROPOSED CONCRETE PAVEMENT
RIPRAP



- BMP CONSTRUCTION SEQUENCE NOTES**
1. CALL THE WATER QUALITY INSPECTOR TO SET UP A BMP PRE-CONSTRUCTION MEETING PRIOR TO STARTING ANY WORK ON BMPs. THIS MEETING SHOULD TAKE PLACE AT LEAST 48 HOURS PRIOR TO STARTING CONSTRUCTION ON ANY BMP AND SHALL INCLUDE THE DESIGN ENGINEER TO ENSURE ENGINEER INSPECTIONS ARE PERFORMED AT KEY BMP INSTALLATION PHASES.
 2. THE DESIGN ENGINEER MUST VERIFY AND CERTIFY THE DRAINAGE AREA IS PROPERLY STABILIZED; MEASURES ARE IN PLACE TO PREVENT SEDIMENTATION INTO THE BMP, THE STORM DRAINS, INLETS AND PAVEMENT HAVE BEEN PROPERLY CLEANED PRIOR TO COMMENCEMENT OF BMP CONSTRUCTION.
 3. ADDITIONAL MEASURES, TO ENSURE PROPER CONSTRUCTION AND OPERATION OF THE BMP, MAY BE REQUIRED BY THE WATER QUALITY INSPECTOR.
 4. A DOUBLE-RINGED INFILTROMETER TEST (ASTM D 5385), OF THE BOTTOM OF THE SAND FILTER, MUST BE SUBMITTED TO THE WATER QUALITY INSPECTOR PRIOR TO THE INSTALLATION OF THE UNDERDRAIN SYSTEM.
 5. THE RESULTS OF THE DOUBLE-RINGED INFILTROMETER TEST MUST SHOW INFILTRATION CAPABILITIES, CONFIRMED BY THE DESIGN ENGINEER, AND SUBMITTED FOR BMP AS-BUILT APPROVAL.



STORM EVENT	ELEVATION
WQv	706.00
1 YR - 24 HR	707.70
10 YR - 24 HR	707.86
25 YR - 24 HR	708.08
100 YR - 24 HR	708.18

THE UNDERDRAIN SYSTEM SHALL BE CONSTRUCTED OF PERFORATED SCHEDULE 40 OR SOU 35 SMOOTH WALL PVC PIPE. THE UNDERDRAINS SHALL HAVE A MINIMUM SLOPE OF 0.5% AND A MAXIMUM SPACING OF 10 FEET ON CENTER. THE UNDERDRAIN PIPES SHALL HAVE A MINIMUM OF 3 INCHES OF WASHED #57 STONE ABOVE AND ON EACH SIDE OF THE PIPE.

STIPULATION FOR REUSE

THIS DRAWING WAS PREPARED FOR USE ON THE SPECIFIC SITE, NAMED HEREON, CONTEMPORANEOUSLY WITH ITS ISSUE DATE AS LISTED HEREON, AND IT IS NOT SUITABLE FOR USE ON A DIFFERENT PROJECT SITE OR AT A LATER TIME. USE OF THIS DRAWING FOR REUSE OR FOR ANY OTHER PROJECT REQUIRES THE SERVICES OF A PROFESSIONAL ENGINEER AND ARCHITECT. REPRODUCTION OF THIS DRAWING FOR REUSE ON ANOTHER PROJECT IS NOT AUTHORIZED AND MAY BE CONTRARY TO THE LAW.

POPEYE'S
915 CONCORD PARKWAY SOUTH
CONCORD, NC 28027

MODIFICATION LOG

NO.	DESCRIPTION	DATE

JOB NUMBER: C200030
CHECKED BY: CMJ
DRAWN BY: CDA
DATE: 8-19-2020

1888-C # WH1
AMERICAN Engineering
American Engineering Associates - Southeast, P.A.
8008 Corporate Center Dr - Suite 110
Charlotte, NC 28226
704-375-2438

North Carolina 811
3 Days Before Digging
North Carolina 811
811 or 1-800-632-4949
Remedy: Ticket Entry
http://nc811.org/contact-us/entry.html



STORMWATER MANAGEMENT BASIN PLAN

SHEET: **C5.2**