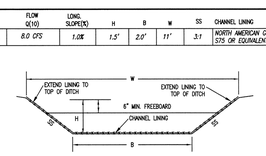
DITCH	FLOW Q(10)	LONG. SLOPE(%)	H	B	W	SS	CHANNEL LINING
GRASS CHANNEL #1	8.0 CFS	1.0%	1.5'	2.0'	11'	3:1	NORTH AMERICAN GREEN S75 OR EQUIVALENT



1 CL1A PERMANENT GRASS CHANNEL DETAIL N.T.S.

CHANNEL LINING MAT SHALL BE AS NOTED OR APPROVED EQUAL.

811 Know what's **below.** **Call** before you dig.

BEFORE YOU DIG STOP CALL 1-800-632-4949 N.C. ONE-CALL CENTER IT'S THE LAW

TRIANGLE SITE DESIGN

CONSULTANT:
TRIANGLE SITE DESIGN, PLLC
4006 BARRETT DR, STE 203
RALEIGH, NC 27609
(919) 553-6570
LICENSE #P-0619

SEAL:

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL 2443 MATTHEW E. LOWDER 5/13/16

AutoZone

STORE NUMBER: 4378
US Highway 15-501 &
Rock Springs Church Cemetery Road
Pittsboro, NC
Chatham County

OWNER/DEVELOPER:
AUTOZONE DEVELOPMENT LLC.
ATTN. WADE DAVIS
123 S. FRONT STREET
3RD FLOOR
MEMPHIS, TN 38103-2107
PHONE: (901) 495-8701
FAX: (901) 495-8969
wade.davis@autozone.com
For Bidding & Contractor Information Contact:
F.W. Dodge Plan Room Tel: (615) 884-1017

REVISIONS:

5/13/16 REVISED PER TOWN OF PITTSBORO REVIEW

LAYOUT COORD:	MEL
PLANNING MGR.	MEL
DRAWING BY:	MEL
DATE:	April 18, 2016
JOB NUMBER:	010052

TITLE:
OVERALL DRAINAGE PLAN

SHEET NUMBER:
C1.1A

COMMENTS:

WET DETENTION POND REFER TO SHEET SCM#1 FOR CONSTRUCTION DETAILS.
OUTLET PIPE
OUTLET CONTROL STRUCTURE
POND AREA
FOREBAY
VEGETATIVE SHELF
PRIVATE DRAINAGE EASEMENT
GRASS CHANNEL#1 REFER TO DETAIL THIS SHEET
LIMITS OF DISTURBANCE
REFER TO SHEET C1.1A FOR DRAINAGE DITCH & WET DETENTION POND
AutoZone
BLDG AREA = 7,381 SQ. FT.
FINISH FLOOR ELEV. = 523.8
PARKING SPACES = 38
N/F POWELL PLACE VILLAGE CENTER LLC DB: 1925 PG. 739 PARCEL #9742-95-5555.000
CONNECT ROOF DRAINS TO HDPE HEADER PIPE (TYP)
N/F POWELL PLACE VILLAGE CENTER LLC DB. 1325 PG. 739 PARCEL #9742-95-5555.000
BASE OF BEARING N 03°52'42" E 413.84'(M)
FOUND 3/4" PIPE (FLUSH)
FOUND 3/4" PIPE (2" DEEP)
FOUND 1/4" PIPE (2" DEEP)
S 75°41'16" E 173.93'(M&C)
SET 5/8" REBAR W/LS CAP NC PLS F 1005 (FLUSH)
N89°04'54"E 198.10'
S02°53'06"E 20.65'
N87°07'05"E 107.74'
S 87°04'53" W 242.29'(C)
N 89°48'51" W 248.01'(M)
N02°53'06"W 24.24'
44,182SF AFTER R/W DEDICATION (1.014AC) 47,558 Sq. Feet/ 1.092 AC. (M TOTAL)
ROCK SPRINGS CHURCH CEMETERY RD (60' PRIVATE RIGHT-OF-WAY)
U.S. HWY. 15-501 (150' PUBLIC RIGHT-OF-WAY)
GRATE INLET RIM=518.0 INV=513.67 CONSTRUCT OVER EXISTING 15" RCP
CATCH BASIN RIM=516.6 INV=511.2
CATCH BASIN RIM=516.7 INV=515.35 CONSTRUCT OVER EXISTING 15" RCP
CATCH BASIN RIM=521.9 INV=516.9
CATCH BASIN RIM=516.9 INV=514.98 CONSTRUCT OVER EXISTING 15" RCP
TOP OF CASTING ELEV. 516.54 LID FROZEN CITY SAID THEY WOULD OPEN NO INFORMATION GIVEN TO US YET FROM THE CITY
TOP OF CASTING ELEV. 523.39 LID FROZEN CITY SAID THEY WOULD OPEN NO INFORMATION GIVEN TO US YET FROM THE CITY
TOP OF LID ELEV. 521.82 15" RCP ELEV. 516.33 TO WSW 15" RCP ELEV. 516.33 TO STH
TOP OF LID ELEV. 515.07 15" RCP ELEV. 514.22 TO EAST 15" RCP ELEV. 514.07 TO WSW
TOP OF EXISTING ELEV. 516.70 INV. TO WSW ELEV. 506.39 INV. TO STH
SITE TBM SET MAGNAIL ELEV. 408.49
15" WIDE FSHC ENERGY EASEMENT
SAN
NVS
W
OU
R/W
ASPHALT
SIDEWALK
WOODS

LEGEND:
TS.....TOP OF SIDEWALK
TC.....TOP OF CURB
GT.....GUTTER FLOW LINE
TP.....TOP OF PAVEMENT
TW.....TOP OF WALL
BW.....BOTTOM OF WALL
CB.....CATCH BASIN
GI.....GRATE INLET
FES.....FLARED END SECTION
YI.....YARD INLET
GR.....GROUND
.....FLOW DIRECTION ARROW

0 15 30
GRAPHIC SCALE: 1 INCH = 30 FEET

N
NC GRID NAD 83