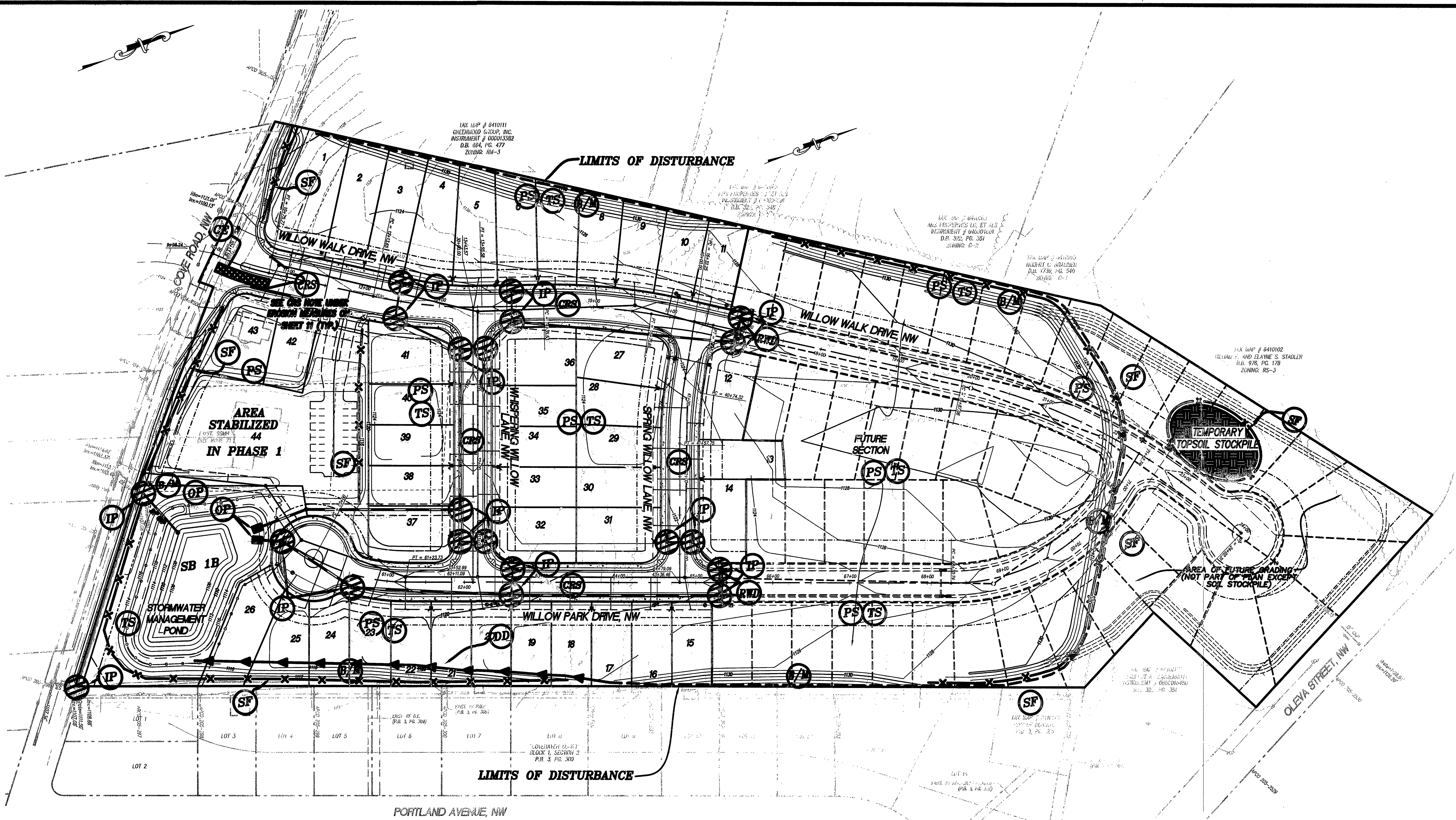




OUTLET PROTECTION SCHEDULE					
STRUCTURE	DIAM	Q10	d50	Ld	W
A	30"	30.4 CFS	CLASS A1	10'	6.5'
M	30"	32.7 CFS	CLASS A1	10'	6.5'
EMERGENCY SPILLWAY	22' WIDE	59.0 CFS	CLASS A1	FROM CREST OF BERM UP 1' ON FAR SIDE OF RECEIVING CHANNEL	TRANSITIONS FROM 24' - 30'

NOTE:
GRADES INDICATING FUTURE GUTTER PAN SHALL BE CONSTRUCTED AS STABILIZED DIVERSION OR ROADSIDE DITCH DRAINING TO LAST PROPOSED STORM INLET. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE (NO STANDING WATER) AND HONOR PROPOSED DRAINAGE DIVIDES. THESE ROADSIDE DITCHES, AS WELL AS RWD AND IP AT TEMPORARY END OF PAVEMENT SHALL REMAIN IN GOOD REPAIR AT END OF CONSTRUCTION FOR MAINTENANCE TO BE TAKEN OVER BY OWNER.

THIS PLAN IS FOR EROSION
& SEDIMENT CONTROL PURPOSES ONLY

LUMSDEN ASSOCIATES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
ROANOKE, VIRGINIA

THOMAS C. DALE
No. 033002
1/1/06
PROFESSIONAL ENGINEER

SECTION No. 1
"WILLOW WALK"
PREPARED FOR
BLACKSTOCK, INC.
SITUATED ALONG COVE ROAD, N.W.
THE CITY OF ROANOKE, VIRGINIA

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		

DATE: **FEBRUARY 7, 2006**

SCALE: **1" = 60'**

COMMISSION NO.: **2004-367**

SHEET **11** OF **16**

4664 BRAMBLETON AVENUE
PO BOX 30660
ROANOKE, VIRGINIA 24018
PHONE: (840) 774-4411
FAX: (840) 774-4445
E-MAIL: MAIL@LUMSDENPC.COM