3-21-17 INITIAL SUBMITTAL 6-6-17 REVISED PER CITY COMMENTS 7-20-17 REVISED PER CITY COMMENTS 4 8-7-17 APPROVAL TOP OF BERM WATER QUALITY _ ELEV-492.0 ELEV-497.0 -100 YR. 20 MIN. LOW FLOW BLOCKED ELEV-495.89 TOP OF BERM ELEV-493.0 TOP OF BERM_ ELEV-493.0 BOTTOM OF BASIN TO SLOPE TOWARD SILLWAY ELEV-490.5 ← ELEV-490.0 BOTTOM OF BASIN TO SLOPE _____
TOWARD LOW FLOW PIPE ____ __ELEV-490.0 --ELEV-489.0 -BERM AND SIDE SLOPES OF BERM TO BE COVERED WITH EROSION CONTROL BLANKET; —/ NA GREEN VMAX S75BN OR APPROVED EQUAL BERM AND SIDE SLOPES OF BERM TO BE
COVERED WITH EROSION CONTROL BLANKET;
NA GREEN VMAX S75BN OR APPROVED EQUAL UNDERDRAIN COLLECTION SYSTEM COMPOSED
OF 6" SCHEDULE 40 PVC PIPE, PIPE WITHIN
FILTER AREA SHALL BE PERFORATED NA GREEN VMAX SC250 TRM OR APPROVED EQUALING IN PROPOSED SPILLWAY AND EXTENDING 3" TOPSOIL LAYER -1'-6" LAYER OF FILTER SAND, ASTM ___ C-33 AGGREGATE CONCRETE SAND INTO BASIN MIN. OF 30', MIN. 18' WIDTH COVERAGE 8" LAYER OF CLEAN WASHED
AGGREGATE ASSHTO NO. 3 OR 467 FL-488.1 UNDERDRAIN COLLECTION SYSTEM COMPOSED
OF 6" SCHEDULE 40 PVC PIPE, PIPE WITHIN ____
FILTER AREA SHALL BE PERFORATED
FL-487.6 SECTION C5-C5 SPILLWAY: MIN. 10' WIDE GAP IN BERM
__TO BE FILLED WITH MIN. 4" DIA. - 100 YR. 20 MIN. LOW FLOW BLOCKED ELEV-495.89 TOP OF BERM STONES, TOP OF STONE SPILLWAY ELEV-492.0 TOP OF BERM_ ELEV-493.0 ELEV-493.0 -BERM AND SIDE SLOPES OF BERM TO BE COVERED WITH EROSION CONTROL BLANKET; —/ NA GREEN VMAX S75BN OR APPROVED EQUAL BERM AND SIDE SLOPES OF BERM TO BE COVERED WITH EROSION CONTROL BLANKET; NA GREEN VMAX S75BN OR APPROVED EQUAL SECTION C6-C6 - 100 YR. 20 MIN. LOW FLOW BLOCKED ELEV-495.89 10' WDE FLAT
BOTTOM SPILLWAY
CREST ELEV-492.0 TOP OF BERM ELEV-493.0 TOP OF BERM _ ELEV-493.0 BERM AND SIDE SLOPES OF BERM TO BE COVERED WITH EROSION CONTROL BLANKET; —/ NA GREEN VMAX S75BN OR APPROVED EQUAL BERM AND SIDE SLOPES OF BERM TO BE COVERED WITH EROSION CONTROL BLANKET; NA GREEN VMAX S75BN OR APPROVED EQUAL NA GREEN VMAX SC250 TRM OR APPROVED EQUALING IN PROPOSED SPILLWAY AND EXTENDING UNDERDRAIN COLLECTION SYSTEM COMPOSED OF 6" SCHEDULE 40 PVC PIPE, PIPE WITHIN
FILTER AREA SHALL BE PERFORATED
FL-488.1 INTO BASIN MIN. OF 30', MIN. 18' WIDTH COVERAGE SECTION C7-C7 SCALE: 1"=10'

ISSUE REMARKS/DATE

Date: <u>8/7/2017</u> Michael G. Boerding License No. MO E-28643 Civil Engineer

McBRIDE HYLAND GREEN, LLC
16091 SWINGLEY RIDGE ROAD, SUITE 300
CHESTERFIELD, MISSOURI 63017
Ph. 636-537-2000
Fax 636-537-2546
www.mcbridehomes.com

P+Z No. 29-16.01 City No.

Aug. 7, 2017 **Job No.** 16-08-239

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