

SCALE: N.T.S.

SCALE: N.T.S.

SCALE: N.T.S.

VICINITY MAP 1"=750'±

PROJECT DATA

LEGAL DESCRIPTION: LOT 2, MCMAHON MARKETPLACE

SITE AREA: 1.2102 ACRES

FLOOD ZONE: THE SUBJECT PROPERTY (AS SHOWN HEREON) LIES WITHIN ZONE "X" (AREAS DETERMINED TO BE OUTSIDE 0.2% ANNUAL CHANCE FLOOD PLAIN) AS SHOWN SHOWN ON NATIONAL FLOOD INSURANCE PROPGRAM FLOOD INSURANCE RATE MAP NUMBER 35001C0104G, MAP REVISED SEPTEMBER 26, 2008.

GENEVIEVE DONART **ENGINEER:**

ISAACSON & ARFMAN, P.A. 128 MONROE ST NE, ABQ. NM 87108 PHONE: (505) 268-8828

SURVEYOR: SURV-TEK, INC.

9384 VALLEY VIEW DR NW, ABQ, NM 87114 PHONE: (505) 897-3366

VERTICAL DATUM IS BASED UPON THE **BENCHMARK:** ALBUQUERQUE CONTROL SURVEY MONUMENT

ELEVATION = 5301.647 (NAVD 1988).

DRAINAGE CONCEPT: THIS SITE IS A 1.2 AC PROPERTY WITHIN THE MCMAHON MARKETPLACE DRAINAGE MANAGEMENT PLAN (DMP) DATED 05/07/10 PREPARED BY BOHANNON-HUSTON, INC. THE SITE IS UNDEVELOPED, BUT SOME ONSITE GRADING WAS PERFORMED AS PART OF THE LOT 1 CONSTRUCTION. THE SITE COVERS BASIN C-1, AND A PORTION OF BASINS E-1, E-2, AND F OF THE DMP. THE FULLY DEVELOPED CONDITION FOR BASINS E-1, E-2 AND F ALLOW FOR A TOTAL OF 20.97 CFS (4.99 AC. AT 5% B, 10% C, & 85% D,) AND BASIN C-1 0.08 CFS (0.08 AC. AT 100% D). PROPORTIONALLY, THIS SITE IS ALLOWED A TOTAL DISCHARGE OF 5.10 CFS. $\{[(1.21-0.08)/4.99]X20.97\} + 0.35 = 5.10 CFS$

AN EXISTING INLET ON THE NORTHEAST CORNER OF THE PROPERTY CAPTURES FLOWS FROM BASINS C-1 AND E-1, AND STORM WATER FROM BASIN E-1 IS DIRECTED ACROSS THE SITE TO LOT 1. THE NEWLY DEVELOPED SITE WILL HAVE A TOTAL DISCHARGE OF 5.0 CFS, WHICH IS BELOW THE ALLOWED AMOUNT OF 5.1 CFS.

LEGEND

EXISTING CONTOUR PROPOSED CONTOUR PROPOSED CONTOUR (TEMPORARY OFF-SITE GRADING) PROPOSED SPOT ELEVATION FLOW ARROW TRANSITION TO EXISTING ♦78.3± OR ♦MATCH **ELEVATION**

13 AUG 2012 DRAWN BY: BJB CHECKED BY: GLD **VERIFIED BY:**

MARTIN FM GRUMMER

ARCHITECT

331 WELLESLEY PLACE NE

ALBUQUERQUE, NEW MEXICO 87106 (505) 265-2507

PETERSON

PROPERTIES

REVISIONS

ISAACSON & ARFMAN, P.A. Consulting Engineering Associates

128 Monroe Street N.E. Albuquerque, New Mexico 87108 Ph. 505-268-8828 www.iacivil.com 1924 CG-101.dwg Oct 09,2012

PROPOSED EXTENDED STEMWALL
