



FACE PLATE WITH CASTED IN DOWEL  
(LOCATION AND NUMBER OF DOWELS WILL  
VARY DEPENDING ON HOW  
FACE PLATE IS CUT)

SECTION D-D

POUR-IN-PLACE WITH  
MOLDED SHEAR KEY  
MUST BE FLUSH WITH  
BLOCK COURSE

FACE PLATES WITH  
CASTED IN DOWELS  
ANCHOR TO POURED-  
IN-PLACE CONCRETE

CAST IN PLACE  
OR  
RR FACE PLATE  
(if required)

CUT FACE PLATES  
TO FIT BRIDGE

CUT AS  
REQUIRED

ATTACH REDI-ROCK FACE PLATE  
IF DESIRED

CUT NOTCH IN BLOCK AS  
NECESSARY OR COORDINATE  
ELEVATION

USE GEOGRID  
IF REQUIRED

CAST IN PLACE  
ARCH FOUNDATION

FOOTING BY ARCH CONTRACTOR

FREE STANDING  
BLOCK COURSES

6" CAP

This drawing is for reference only. Determination of the suitability and/or manner of use of any details contained in this document is the sole responsibility of the design engineer of record. Final project designs, including all construction details, shall be prepared by a licensed professional engineer using the actual conditions of the proposed site.

DRAWN BY:	JRJ
APPROVED BY:	JRJ
DATE:	06-22-2015
SHEET:	1 of 1

TITLE:	Headwalls and Wingwalls for Precast Arch
FILE:	4 Headwalls & Wingwalls for Precast Arch 062215.dwg

**REDI-ROCK®**  
 05481 US 31 SOUTH, CHARLEVOIX, MI 49720  
 (866) 222-8400 ext 3010 • engineering@redi-rock.com  
 www.redi-rock.com