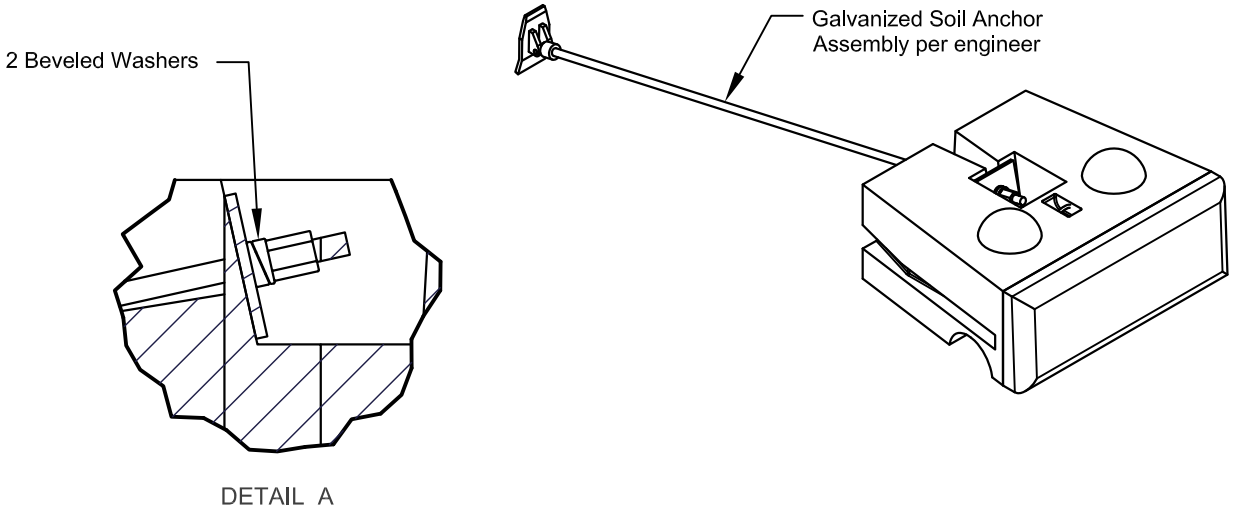
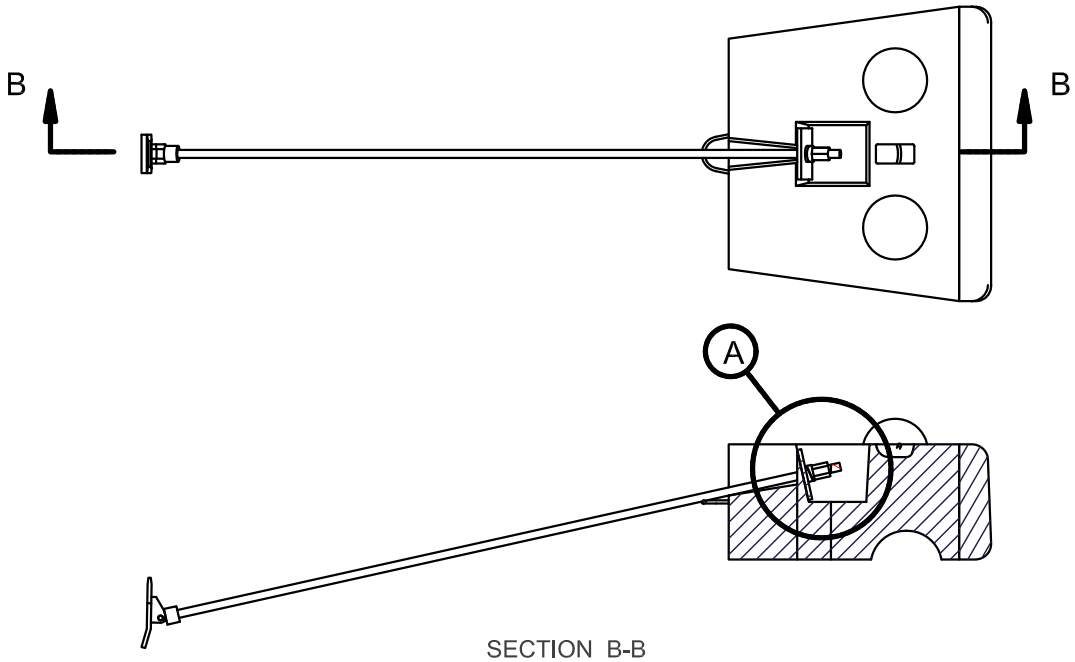
Anchor Block Retaining System



DETAIL A



SECTION B-B

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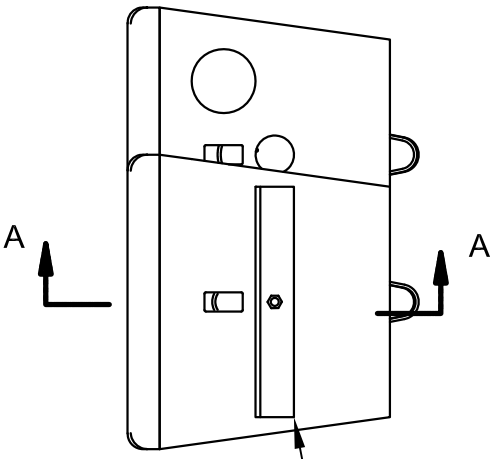
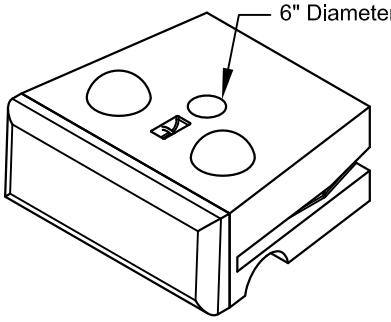
DRAWN BY:	JRJ	TITLE: Anchor Block Retaining System	REDI-ROCK® 05481 US 31 SOUTH, CHARLEVOIX, MI 49720 (866) 222-8400 ext 3010 • engineering@redi-rock.com www.redi-rock.com
APPROVED BY:	JRJ		
DATE:	06-22-2015		
SHEET:	1 of 1	FILE: 1 Anchor Block Retaining System 062215.dwg	

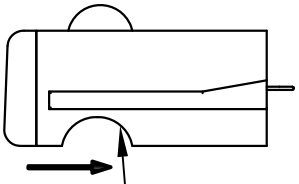
Vertical Tie-Down System

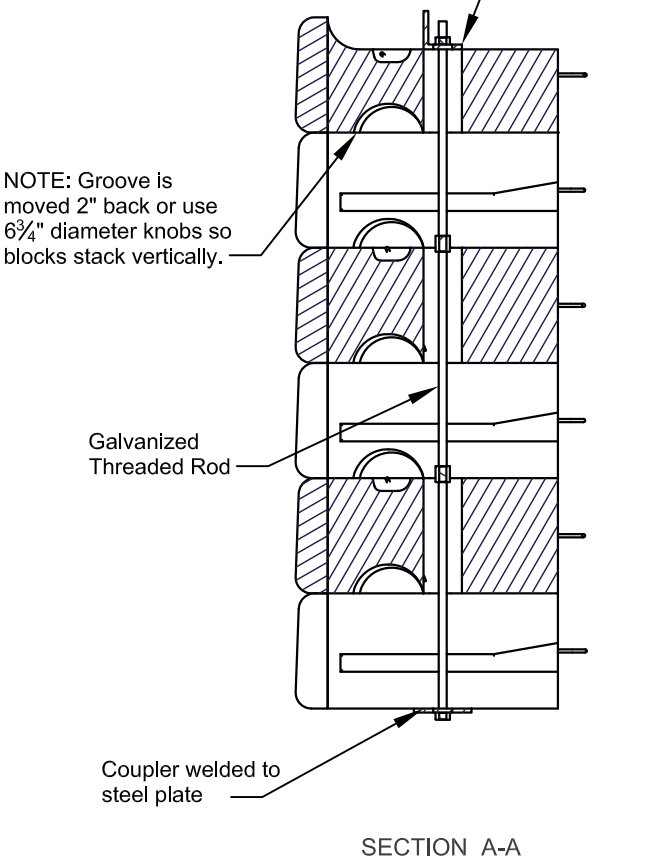
Hot-Dip Galvanized Vertical Rods and steel plates at the bottom and steel angle at the top may be bolted together for specific needs where retaining walls require a vertical tie down.

Note: In these applications the blocks are modified by using a ZERO setback per block with 6 ¾" diameter knobs and adding 6" diameter holes to accommodate the vertical rods, in each block.









SECTION A-A

DRAWN BY:	JRJ	TITLE:	Vertical Tie-Down System
APPROVED BY:	JRJ		
DATE:	06-22-2015		
SHEET:	1 of 1	FILE:	2 Vertical Tie-Down System 062215.dwg

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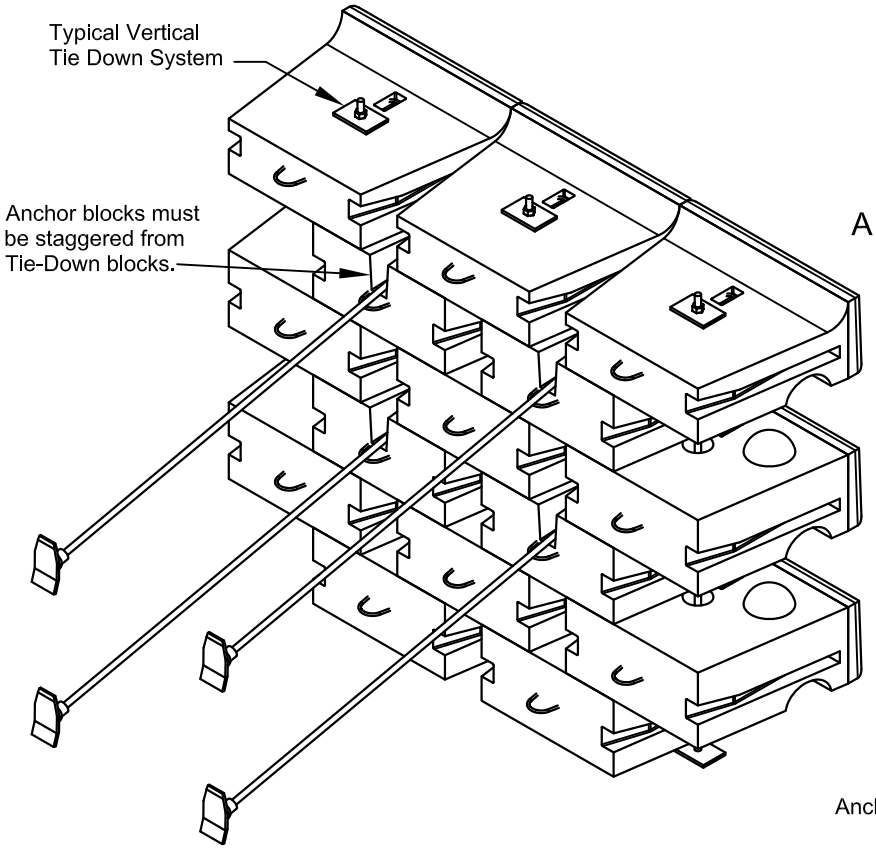
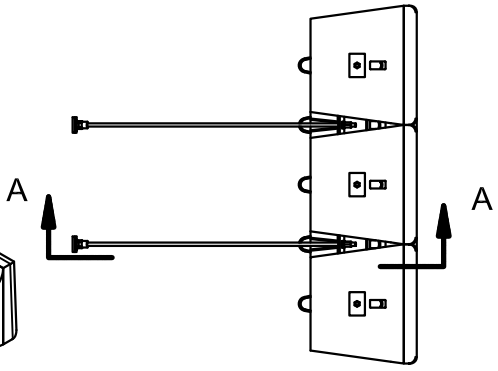
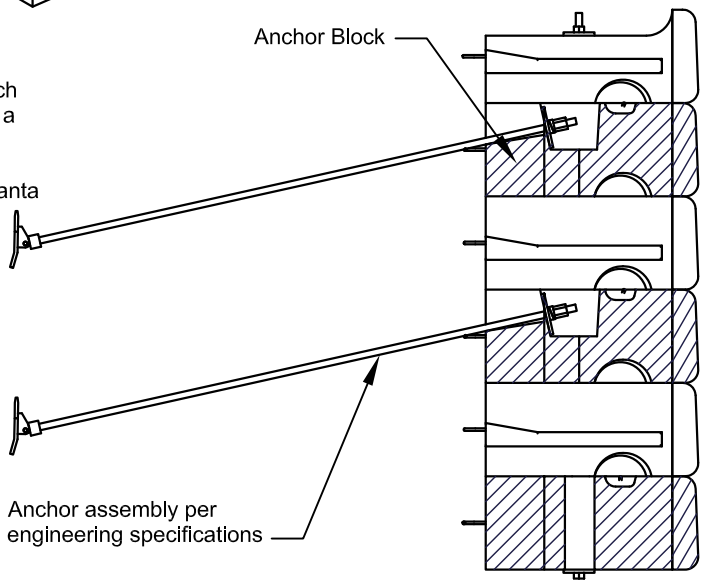
Vertical Tie-Down System with Earth Anchors





In some specific situations, physical restrictions exist which do not permit Geogrid soil reinforcement. In these cases, a unique tie-back system can be designed using a drilled in place anchor which can then be attached to a specially designed anchor block. Examples include Helical and "Manta Ray" anchoring system.



SECTION A-A

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DRAWN BY:	JRJ	TITLE:	Vertical Tie-Down System with Earth Anchors
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DATE:	06-22-2015		
SHEET:	1 of 1	FILE:	3 Vertical Tiedown System with Earth Anchors 062215.dwg

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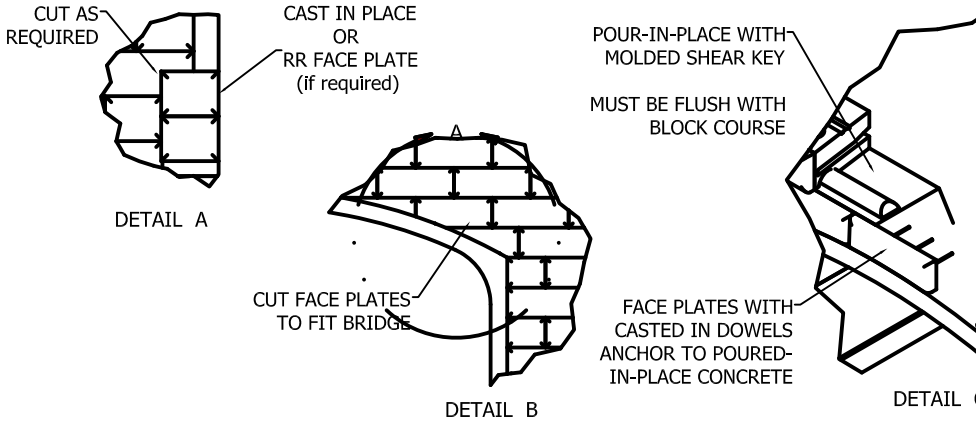
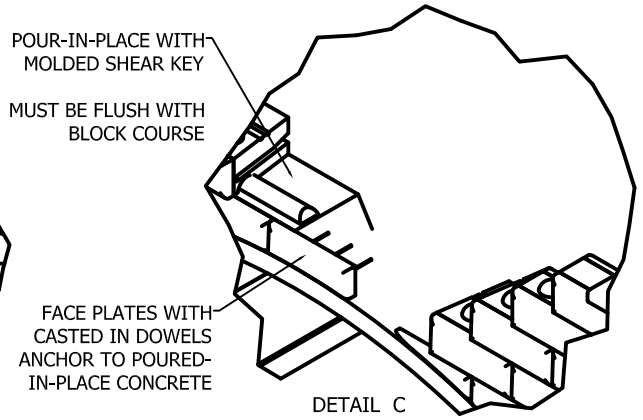
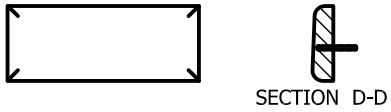
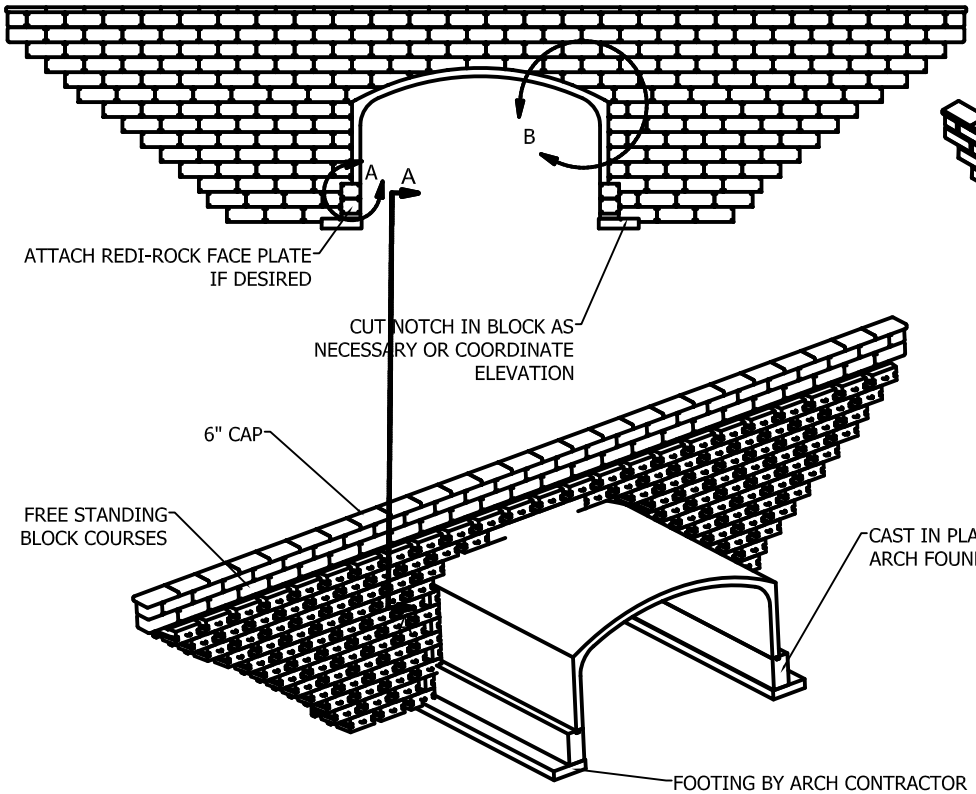
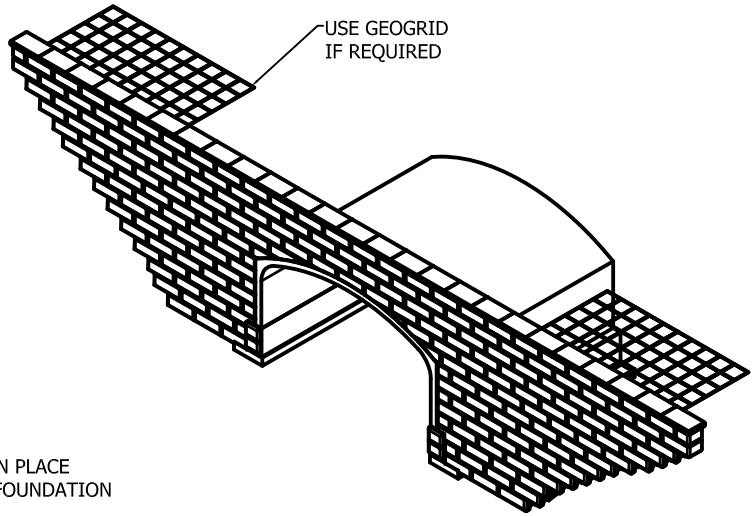




FACE PLATE WITH CASTED IN DOWEL
(LOCATION AND NUMBER OF DOWELS WILL VARY DEPENDING ON HOW FACE PLATE IS CUT)







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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

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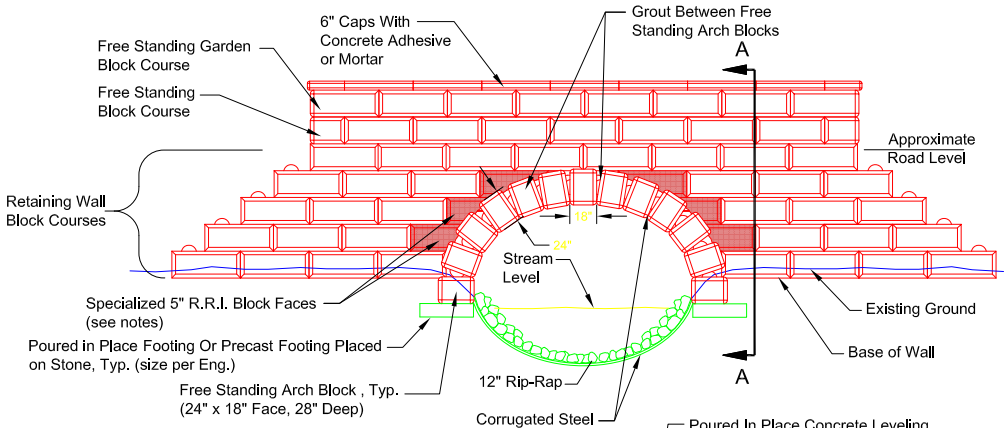
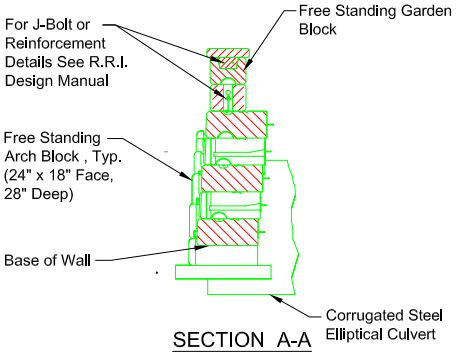
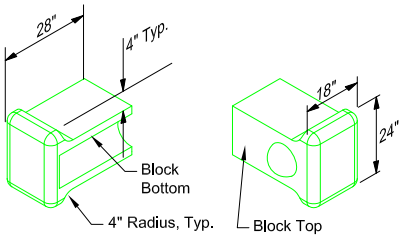
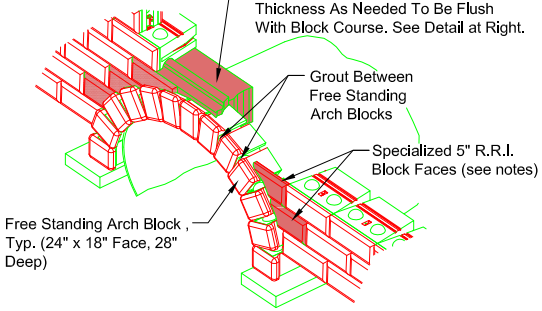


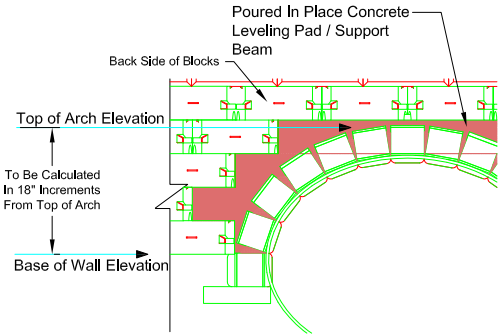


SECTION A-A

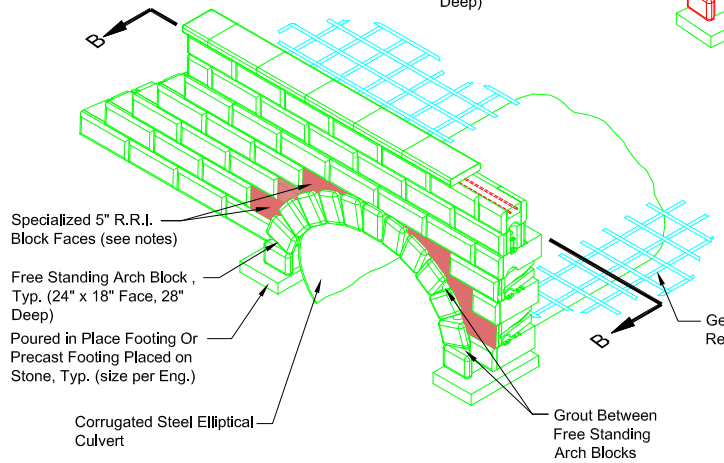


FREE STANDING ARCH BLOCK





SECTION B-B, REAR VIEW



Notes for Special Custom Retaining Wall Block

1. Specialized 5" R.R.I. Block faces can be poured with corrosion resistant steel rebar set in place so that it protrudes out the back of the faces. These faces may then be put in place and the concrete leveling pad / support beam can be formed and poured in place, allowing the faces to be secured to the poured concrete by the protruding rebar.

OR

2. Specialized 5" R.R.I. Block faces can be adhered to the face of the poured in place concrete leveling pad / support beam with concrete adhesive.

DRAWN BY: JRJ
APPROVED BY: JRJ
DATE: 06-22-2015
SHEET: 1 of 1
FILE: 5 Culvert Crossing Headwall 062215.dwg
TITLE: Culvert Crossing Headwall

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