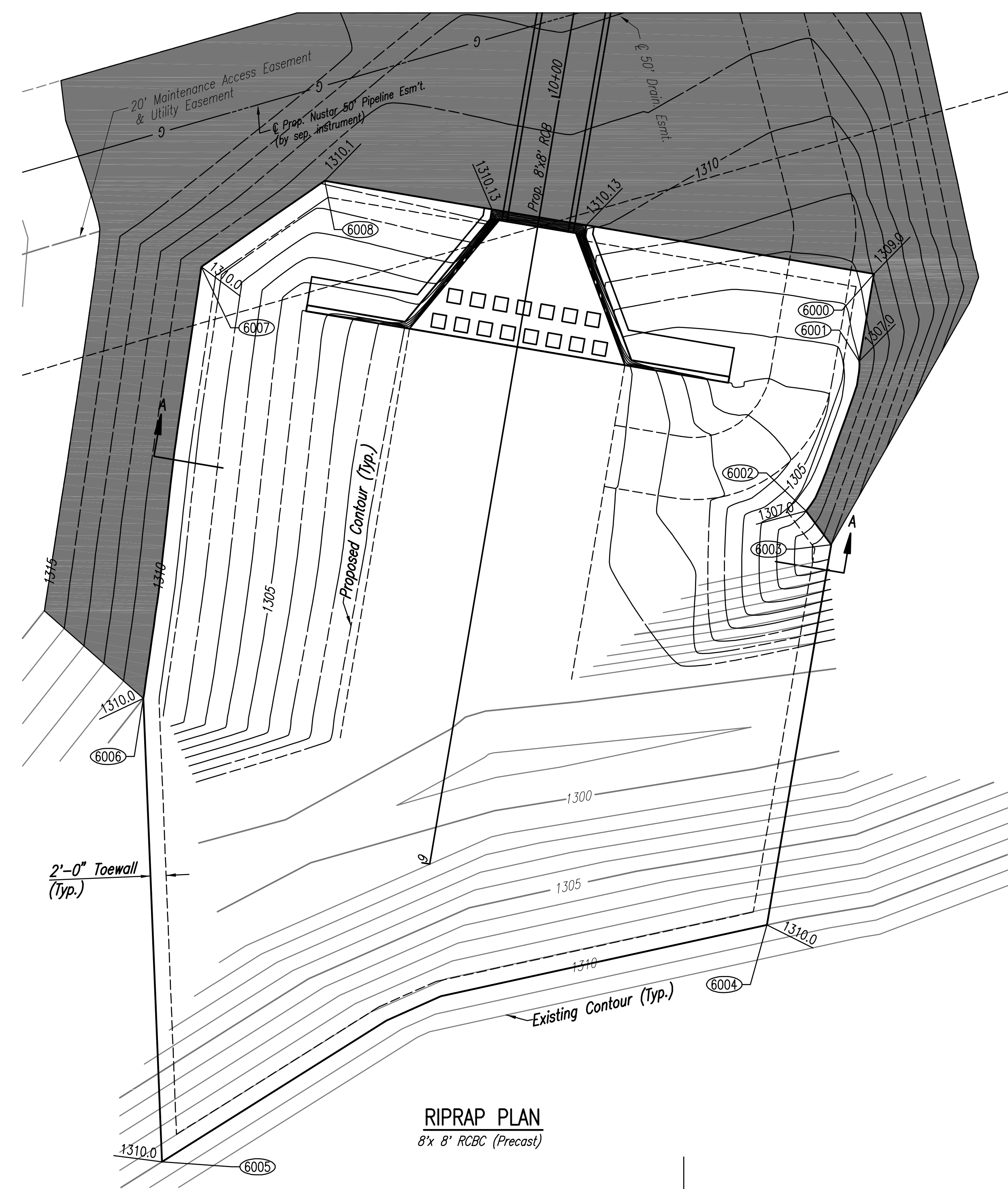
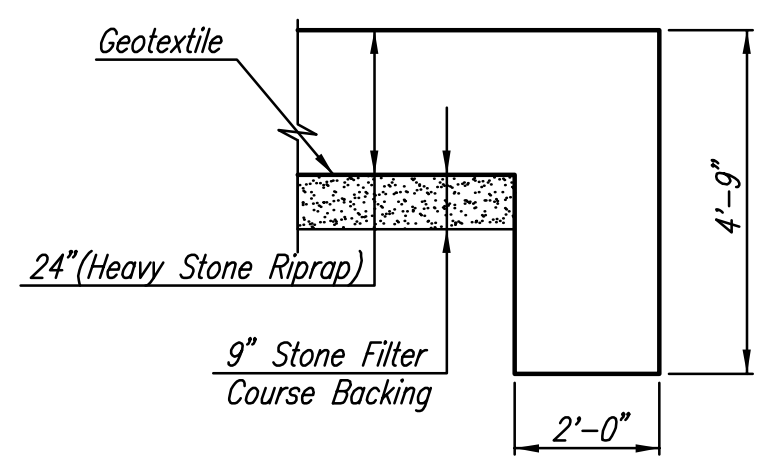


COORDINATE LIST		
POINT	NORTH	EAST
6000	39,450.9635	39,201.7642
6001	39,439.7462	39,199.8645
6002	39,420.4846	39,193.0501
6003	39,416.1375	39,196.2799
6004	39,367.2239	39,187.9963
6005	39,336.7798	39,110.2067
6006	39,396.3734	39,107.8145
6007	39,451.8644	39,115.2663
6008	39,462.9257	39,131.1287

6000 = COORDINATE POINT NO.

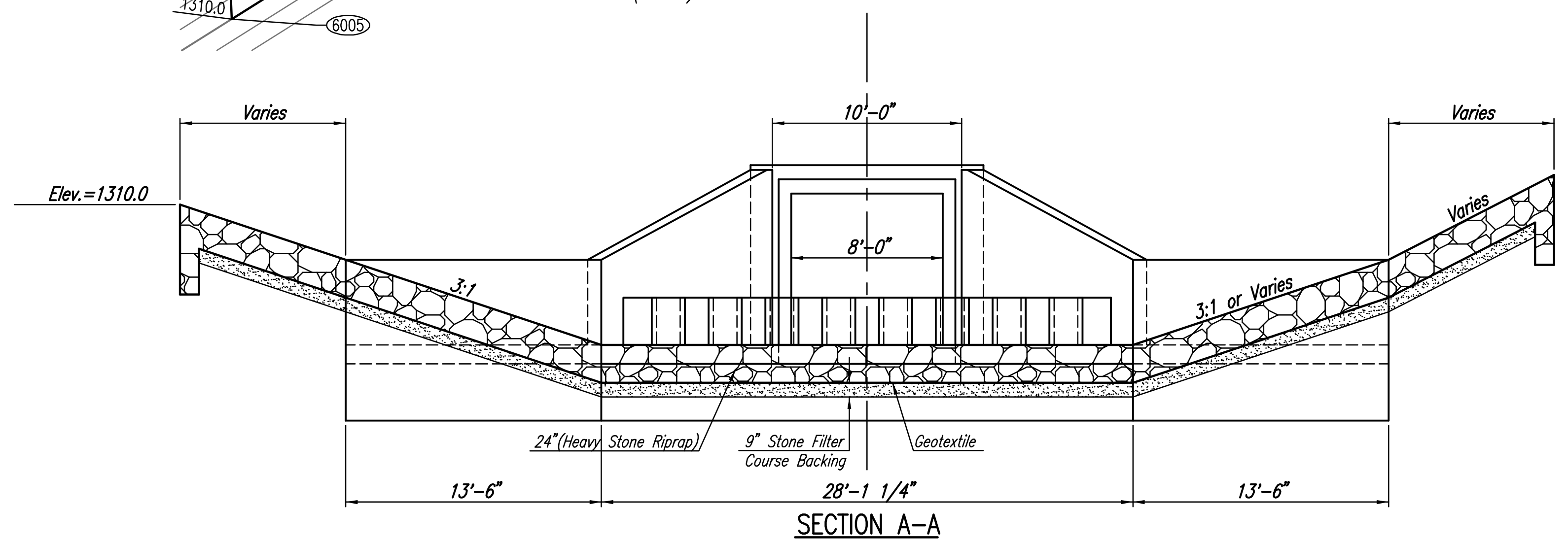


**RIPRAP PLAN**  
8' x 8' RCBC (Precast)

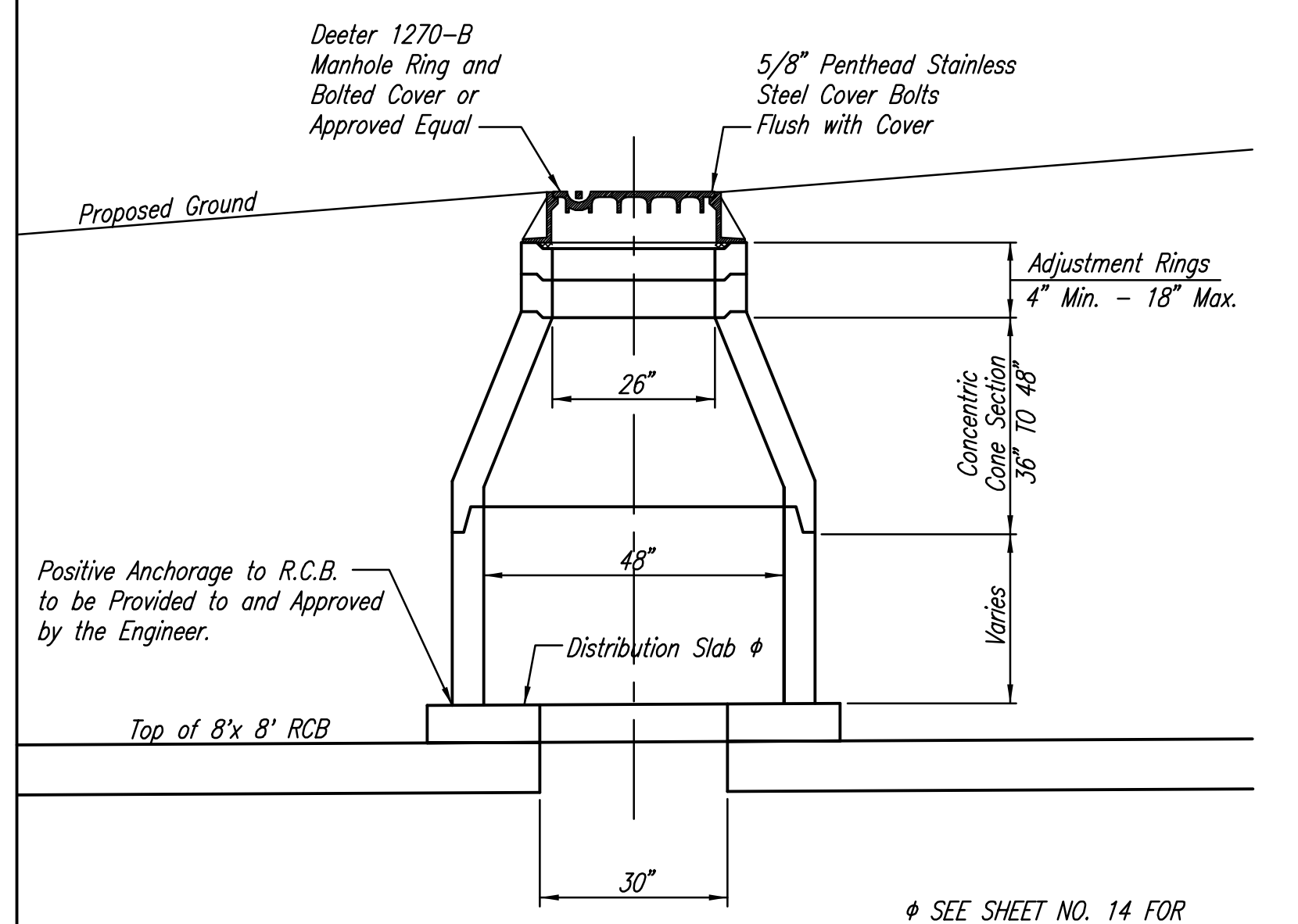


**TYPICAL SECTION THRU TOEWALL**  
NO SCALE

- NOTES
- ALL RIPRAP FOR THIS PROJECT SHALL BE NATURAL STONE. NEITHER BROKEN CONCRETE, FABRIC ENVELOPE, NOR PREMIXED DRY PACKAGED CONCRETE BAG ALTERNATES WILL BE ALLOWED.
  - TOEWALLS SHALL BE INSTALLED ALONG ALL EDGES OF STONE RIPRAP OR AS SHOWN ON PLANS.
  - GROUTING OF THE SURFACE OF THE RIPRAP SHALL NOT BE PERFORMED. GROUTING OF THE TOEWALLS SHALL BE PERFORMED.



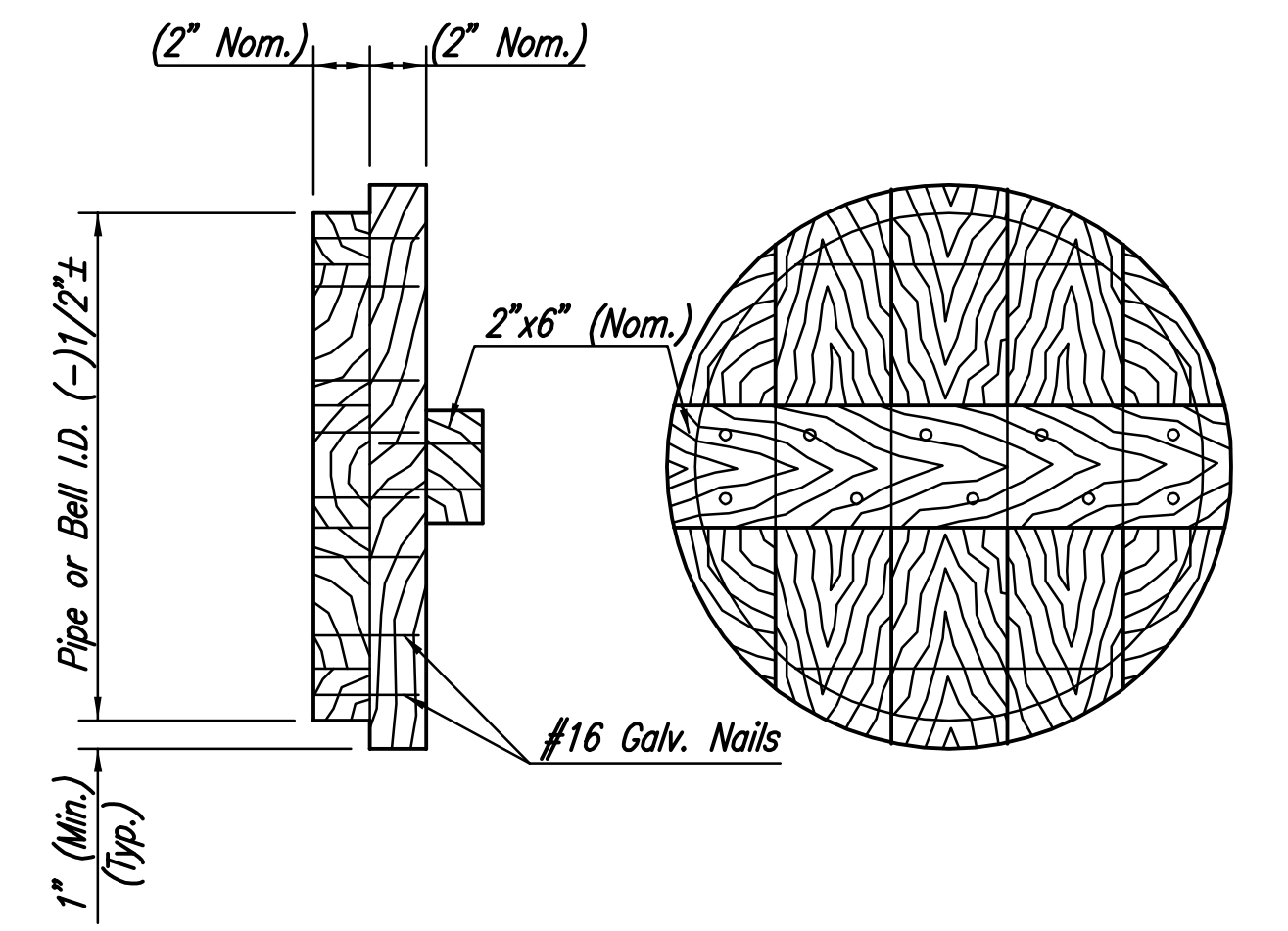
**SECTION A-A**



**TYPICAL MANHOLE ATTACHMENT**

**GENERAL NOTES**

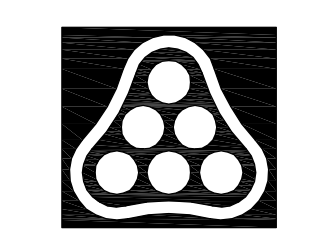
- ALL MANHOLE CONSTRUCTION SHALL BE WATER TIGHT.
- ALL PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE LATEST REVISION OF ASTM C-478 AS MODIFIED BY THE SPECIFICATIONS.
- CONCRETE FOR MANHOLE BASES SHALL BE CLASS I AS DESCRIBED IN THE SPECIFICATIONS.
- MANHOLE SECTIONS SHALL BE SUPPLIED WITH RECESSED LIFTING EYES. LIFTING EYE RECESSES SHALL BE GROUTED FLUSH TO THE MANHOLE WALL WITH HYDRAULIC CEMENT AFTER THE MANHOLE IS IN PLACE. LIFTING HOLES THRU THE MANHOLE WALL WILL NOT BE ACCEPTED.



**TEMPORARY REDWOOD PIPE PLUG DETAIL**

NOTE: THE FREE END OF ALL PIPE STUBS INSTALLED SHALL BE PLUGGED WITH A REDWOOD PLUG AS SHOWN. THE PLUGS SHALL BE CONSTRUCTED WITH CONSTRUCTION GRADE REDWOOD AND SECURELY NAILED TOGETHER WITH #16 GALVANIZED NAILS.

Scaled 07-01-2010 8:06:02 AM by BJS  
 Plot Scale 1:10 07-01-2010 8:06:29 AM by BJS  
 G:\2009\08307\000\RCB\08307-C-RIPRAP AND MISC DTLS



No.	Revision	By	Date
HEARTLAND PREPAREDNESS CENTER SINGLE 8' X 8' REINFORCED CONCRETE BOX <b>RIPRAP AND MISCELLANEOUS DETAILS</b> JAMES L. ARMOUR, P.E. - CITY ENGINEER CITY OF WICHITA PROJ. NO. 472-84890 <b>Professional Engineering Consultants, P.A.</b> 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	BMM	Job No.	35-09307
Drawn by	BJS	Date	December 2009
			Sheet 21 of 29