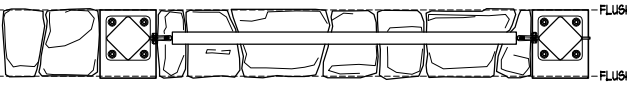


**PLAN - DOWNSTREAM**

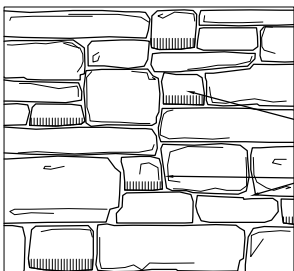
SCALE 1/4"=1'-0"

**GENERAL NOTE**  
 MAINTAIN A RELATIVE FLUSH EDGE ALONG THE BACK AND FRONT SIDE OF THE STONE CAP. THE MORTAR JOINTS SHALL BE RANDOMLY SPACED AND IRREGULAR. MORTAR JOINTS SHALL HAVE A 1/2"-3/4" SPACING, RAKE w/ STEEL BRUSH TYP.



**STONE CAP**

SCALE 1/2"=1'-0"



**STONE MASONRY**

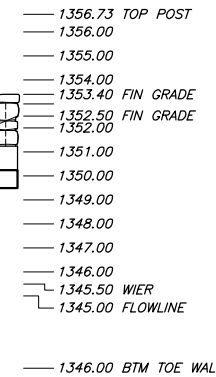
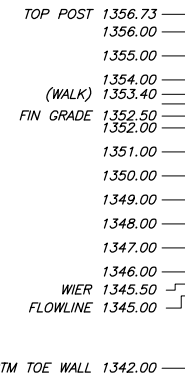
SCALE 1/2"=1'-0"

**GENERAL NOTE**  
 CONTRACTOR SHALL BUILD A STONE MOCK-UP ON SITE PRIOR TO CONSTRUCTION OF MASONRY ON HEADWALLS (SIZE TBD BY L.A.). OWNER &/OR LANDSCAPE ARCHITECT SHALL APPROVE MOCK-UP PRIOR TO COMMENCEMENT OF WORK.

STONE JUNCTIONS  
 EXTEND MIN 3'-5" PAST TYPICAL STONE VENEER PLANE.

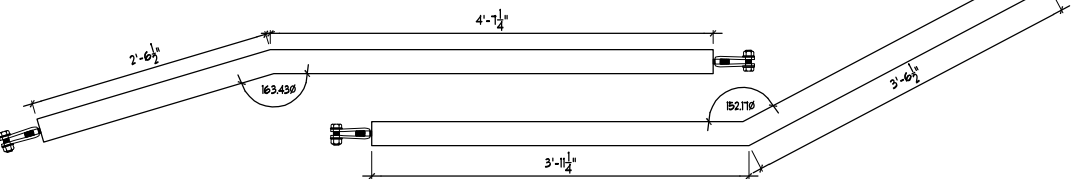
MORTAR JOINTS (1/2"-3/4" SPACING)  
 FINISHED STONE MASONRY SHALL HAVE A PARTIAL DRY-STACK APPEARANCE. MORTAR JOINTS ARE TO BE RAKED w/ A STEEL BRUSH.

RANDOM ASHLER PATTERN (DRY-LAY)  
 STONE PATTERN SHOULD NOT HAVE A CONSTANT MASONRY COURSE, RATHER RANDOM COURSING OF INTERLOCKING STONE OF DIFFERENT SIZES AND SHAPES, AS SHOWN.



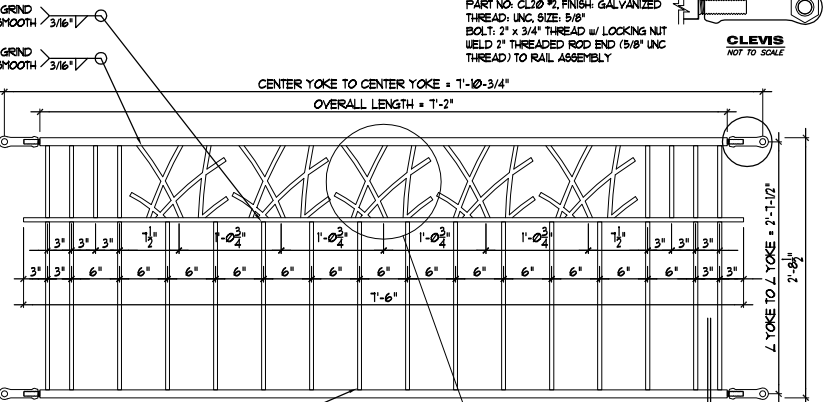
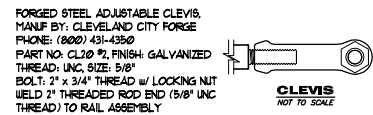
**ELEVATION - DOWNSTREAM**

SCALE 1/4"=1'-0"



**PLAN - ANGLED SECTION (DOWNSTREAM)**

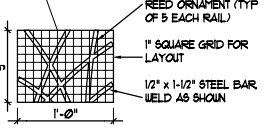
**PLAN - ANGLED SECTION (UPSTREAM)**



**ELEVATION**  
 GENERAL FINISH NOTES  
 1. GRIND ALL STEEL TO REMOVE SHARP EDGES & SMOOTH WELDS  
 2. SAND BLAST STEEL TO REMOVE MILL SLAG  
 3. COVER THREADED BOLT ENDS FOR CLEVIS CONNECTION (TO BE DETERMINED BY LANDSCAPE ARCHITECT)  
 4. APPLY THURATIC ACID & ALLOW TO RUST TO DESIRED APPEARANCE  
 5. APPLY INDUSTRIAL GRADE CONCRETE SEALER (4-MIL)  
 6. SAMPLE MOCK-UP SECTION REQUIRED PRIOR TO FINAL PRODUCT

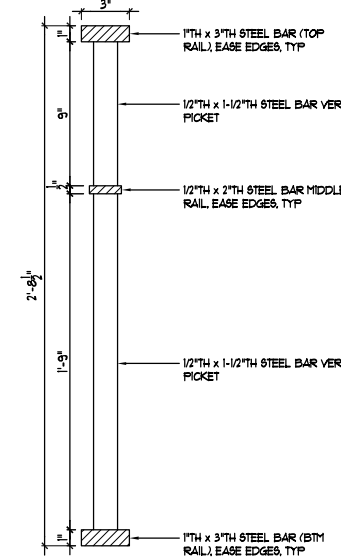
**RAIL ASSEMBLY**

SCALE 1"=1'-0"



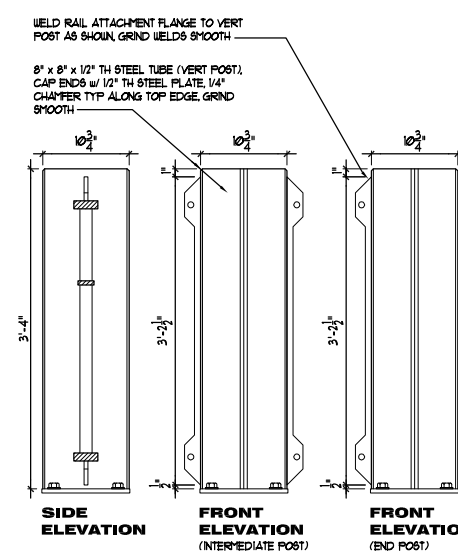
**REED ORNAMENT**

SCALE 1"=1'-0"



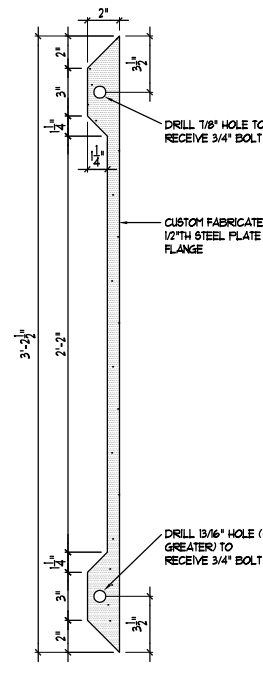
**SECTION**

NOT TO SCALE



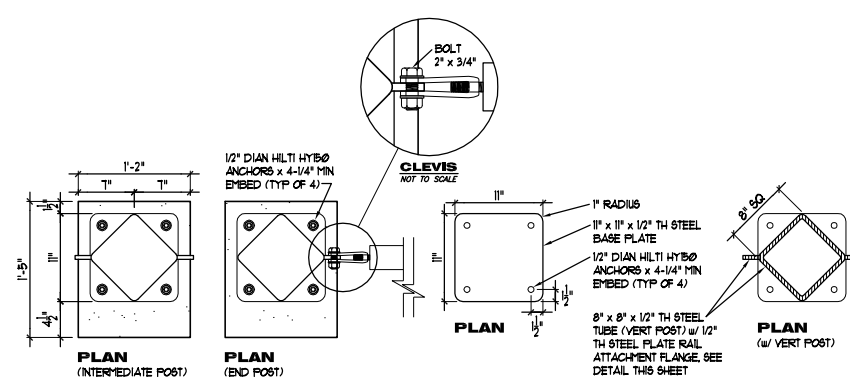
**RAIL POST**

SCALE 1"=1'-0"



**ATTACHMENT FLANGE**

NOT TO SCALE



**BASE PLATE**

SCALE 1"=1'-0"

**MKEC**  
 ENGINEERING CONSULTANTS  
 411 N. WEBB ROAD  
 WICHITA, KS. 67206  
 316-684-9600

**REED'S COVE**  
 PROJECT NAME  
**DOWNSTREAM HEADWALL PLAN, ELEVATION AND DETAILS**  
 SHEET TITLE

DESIGN BY: <b>KLK</b>	DRAWN BY: <b>KLK</b>	CHECKED BY: <b>MKEC</b>
DATE: <b>JUNE 2003</b>	JOB NO.: <b>02121</b>	SHEET/OF: <b>10 / 36</b>

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