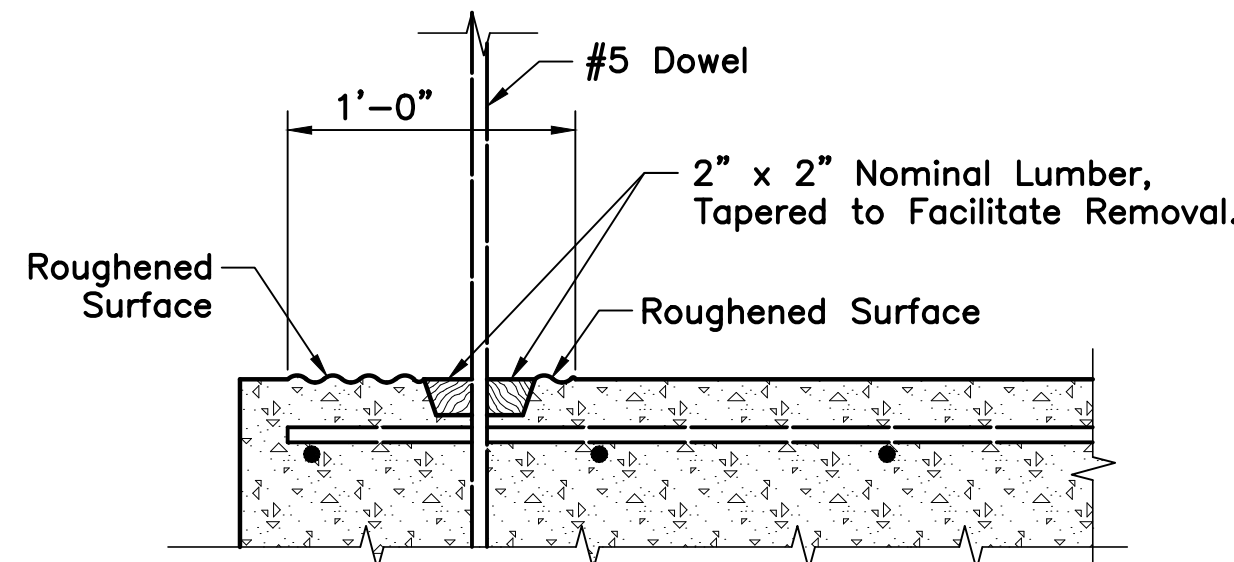
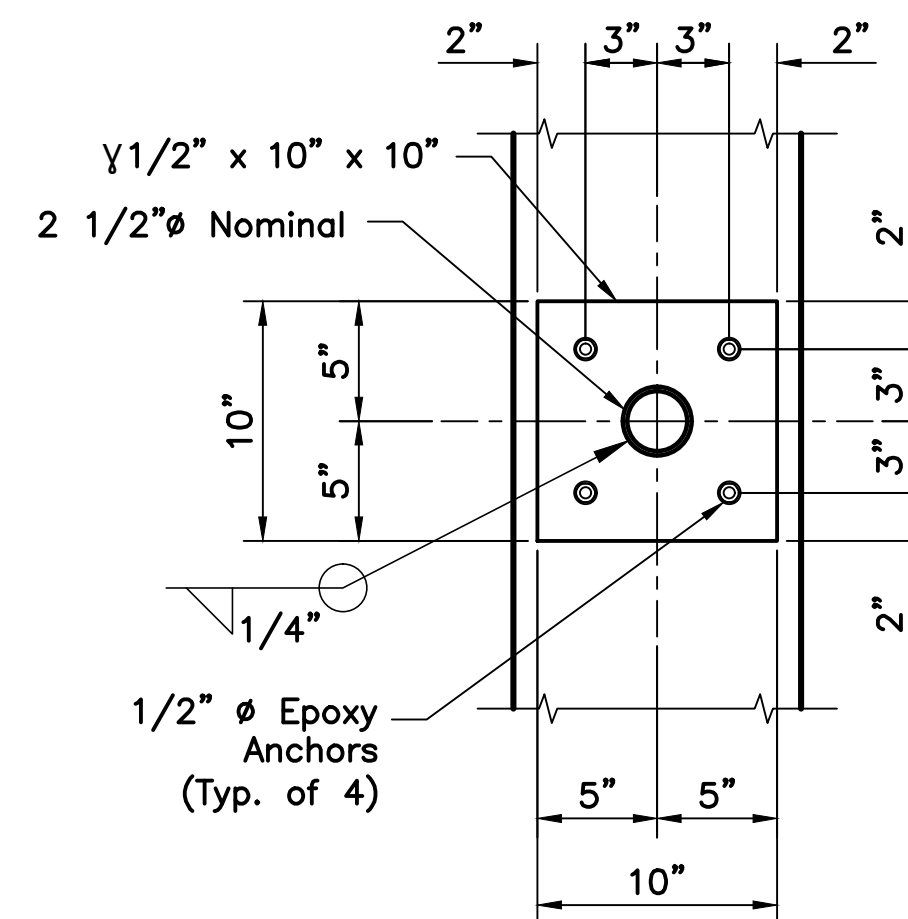


**SECTION A-A**  
(1/2" = 1'-0")



**SUGGESTED DETAIL TO FORM  
1 1/2" DEEP KEY FOR CONCRETE WALL**  
(1 1/2" = 1'-0")



**SECTION D-D**  
(1 1/2" = 1'-0")

**GENERAL NOTES**

All labor, material, and equipment necessary to construct the retaining wall as detailed on these plans, including excavation, backfill, concrete, reinforcement, joints, drainage, fence and incidentals shall be included in the lump sum price bid for Retaining Walls.

All existing drainage courses shall be maintained during construction and placement of the proposed structure. The contractor shall submit to the City of Columbus a Schedule of Sequence and Method of maintaining the watercourse. Special attention shall be observed to insure that all erosion control features are installed and maintained throughout the duration of the project. Adequate precautions shall be taken to prevent concrete from freezing.

The contractor shall supply 6 sets of reinforcing steel shop drawings to XXX for a plan conformance review. Five sets of the reviewed drawings will be returned to the contractor for distribution.

The foundation, as designed, will produce a bearing pressure of 1.25 ton per square foot (2500 psf). Bottom of footings shall be cast against undisturbed earth.

If unsuitable bearing material occurs at the bottom of the footing elevation, the footing shown shall be deepened or widened to accommodate the changed condition. A registered soil engineer employed by the City of Columbus shall verify the suitability of the bearing material prior to placement of any concrete for the footing. The engineer must approve any changes in the footing.

Construction joints shall be provided as shown on the plans. Additional joints requested by the contractor shall be submitted for review and approval by the engineer. All vertical wall joints shall contain waterstop. Waterstop for vertical construction joints shall be approved prior to installation.

Porous backfill shall be placed behind the retaining wall and shall extend from below the walk to 6" below the weephole elevation. Place two cubic feet of bagged aggregate at each weephole.

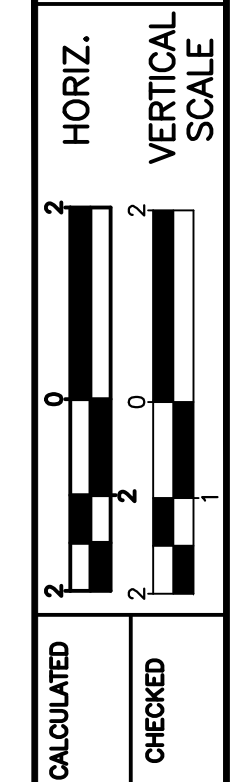
Backfill shall not be placed and the structure shall not impound water until concrete has achieved 4000 psi. Water shall not be impounded against the structure until backfill is in place.

All exposed non-reentrant corners of concrete shall be cast with a 3/4" x 3/4" chamfer.

Railing shall be chain link fence. Posts that are to be mounted on wall shall be according to details on this sheet. Railing, posts, plates and anchors shall be galvanized.

All concrete surfaces above grade shall be treated with a clear sealer designed to protect concrete surfaces from graffiti. The material shall be applied in conformance with manufacturer's recommendations. One brand of sealer shall be used for all treated surfaces. Contractor shall provide owner with 5 gallons of unopened sealer for future use by owner. Cost of additional sealer provided to owner shall be included in the price for the wall. Sealer shall be approved prior to application.

RETAINING WALLS							
REF. NO.	STATION	SIDE	503	601	SPECIAL		
			UNCLASSIFIED EXCAVATION	ROCK CHANNEL PROTECTION TYPE B WITH FILTER	RETAINING WALL		
FROM	TO		LUMP SUM	C.Y.	LUMP SUM		
R1	124+00	124+90	RT	1	60	1	
R2	124+72	125+15	LT	1	-	1	
SHEET TOTALS				2	60	2	



RETAINING WALLS  
SECTIONS AND GENERAL NOTES

PROJECT NAME

