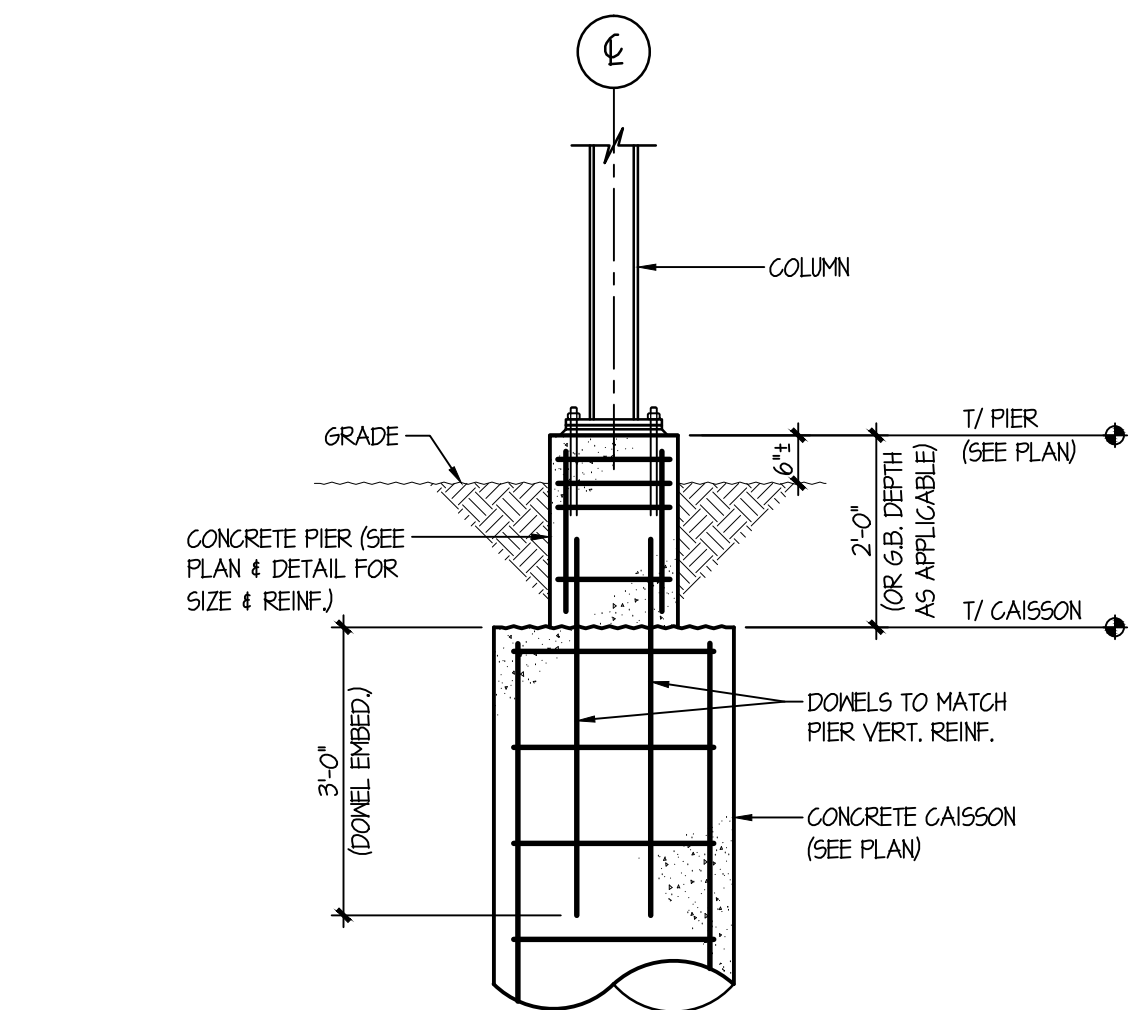
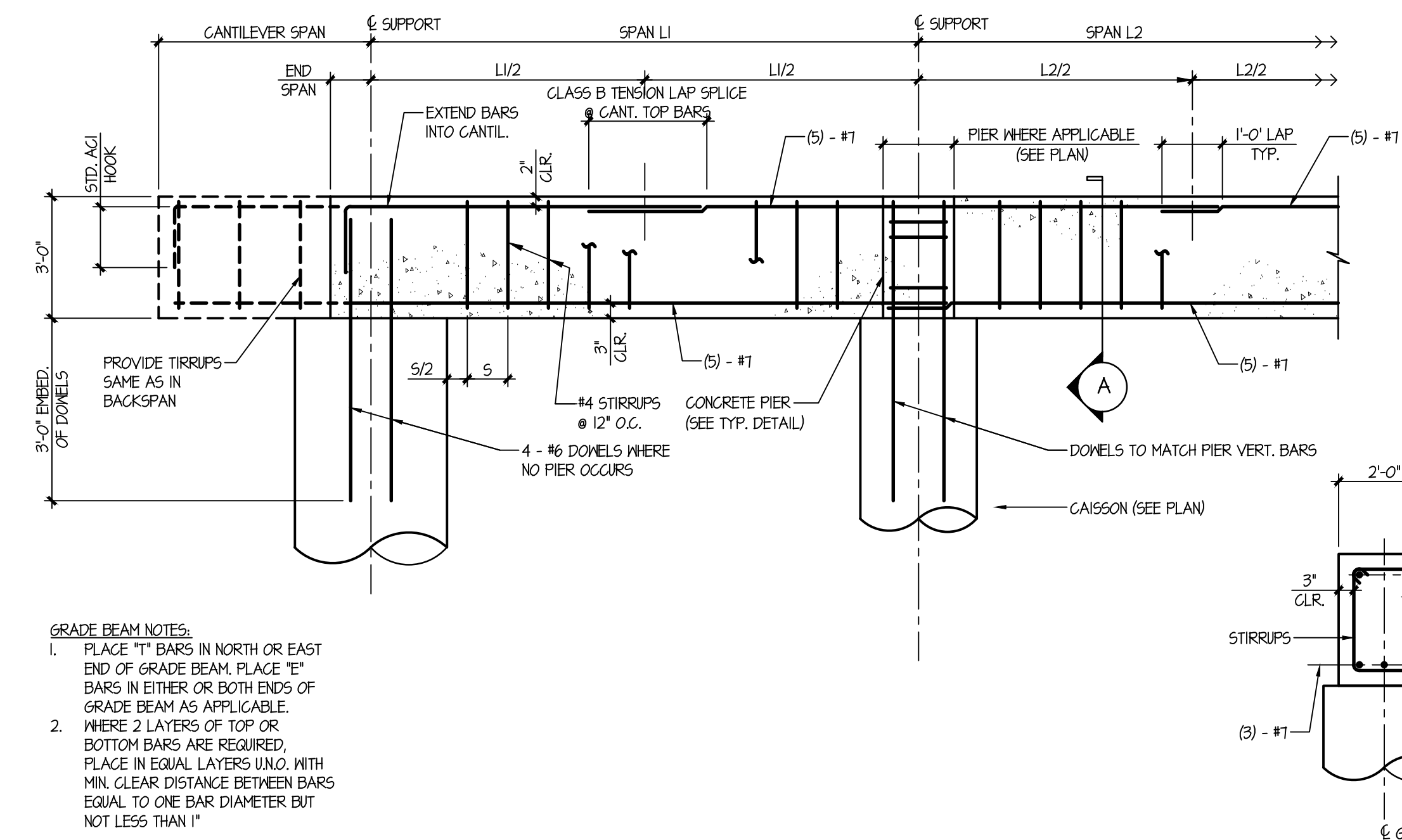


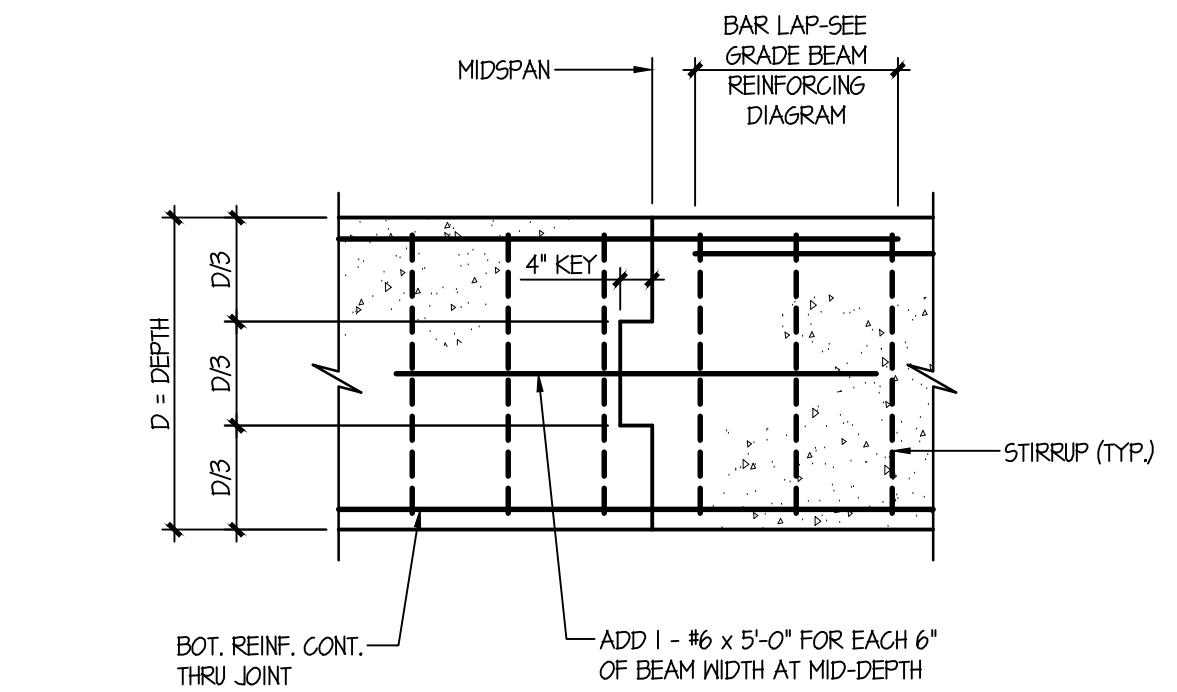
**DRILLED CONCRETE PIER (CAISSON) W/O SOCKET DETAIL**  
 NOT TO SCALE



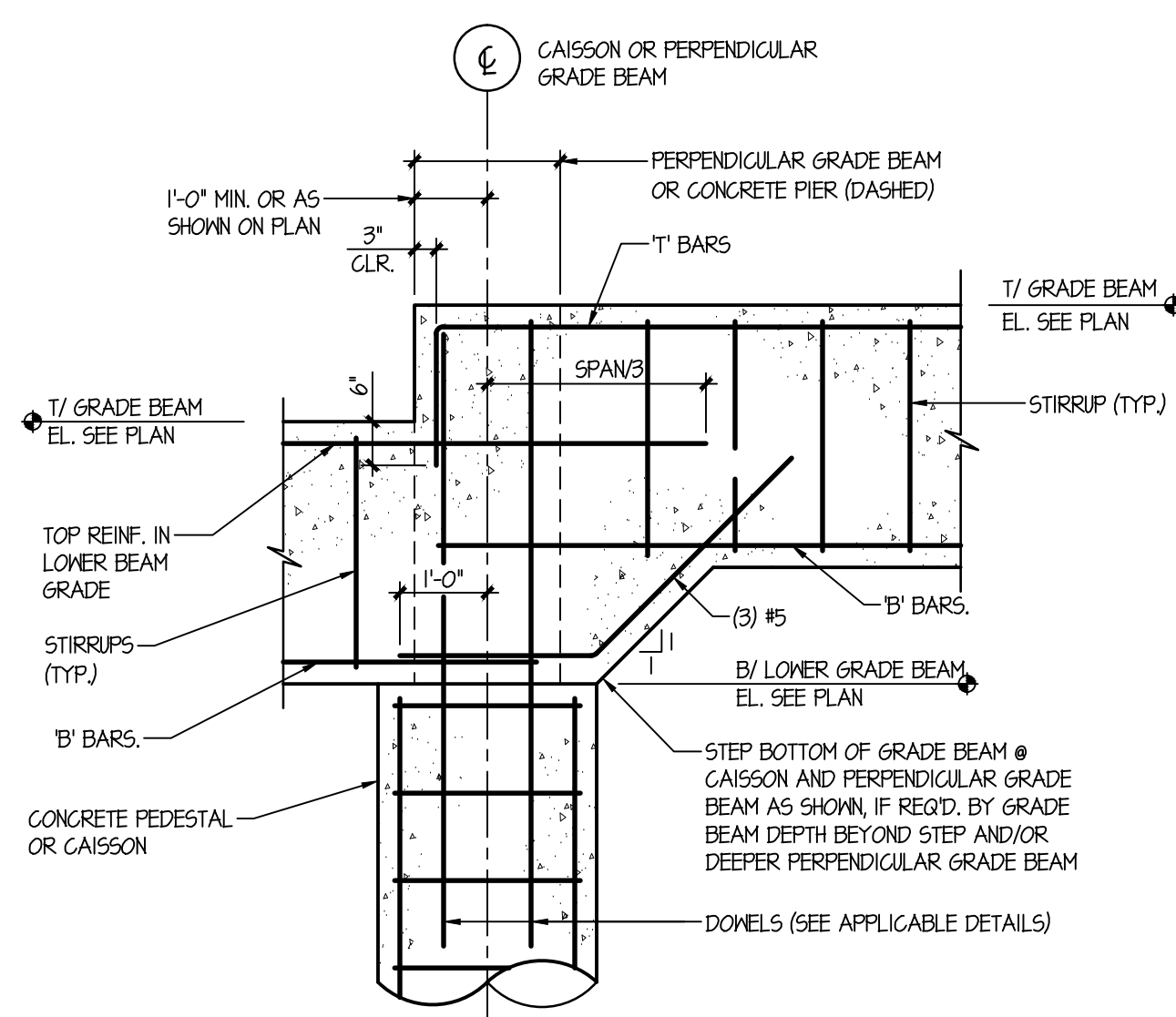
**COLUMN/PIER @ CAISSON DETAIL**  
 NOT TO SCALE



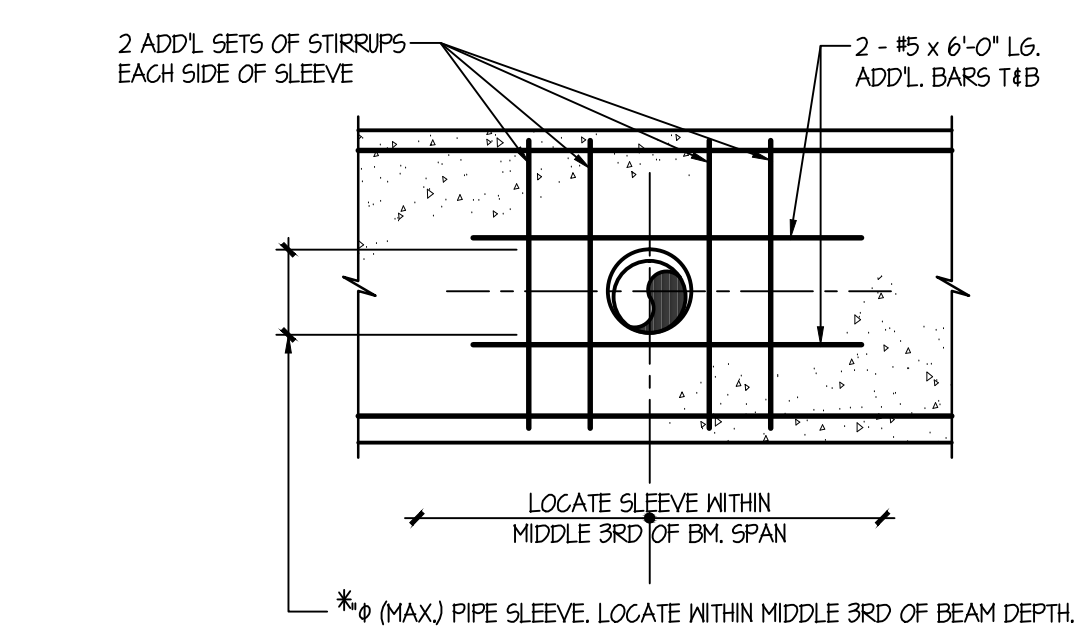
**CONCRETE GRADE BEAM REINFORCEMENT DIAGRAM**  
 NOT TO SCALE



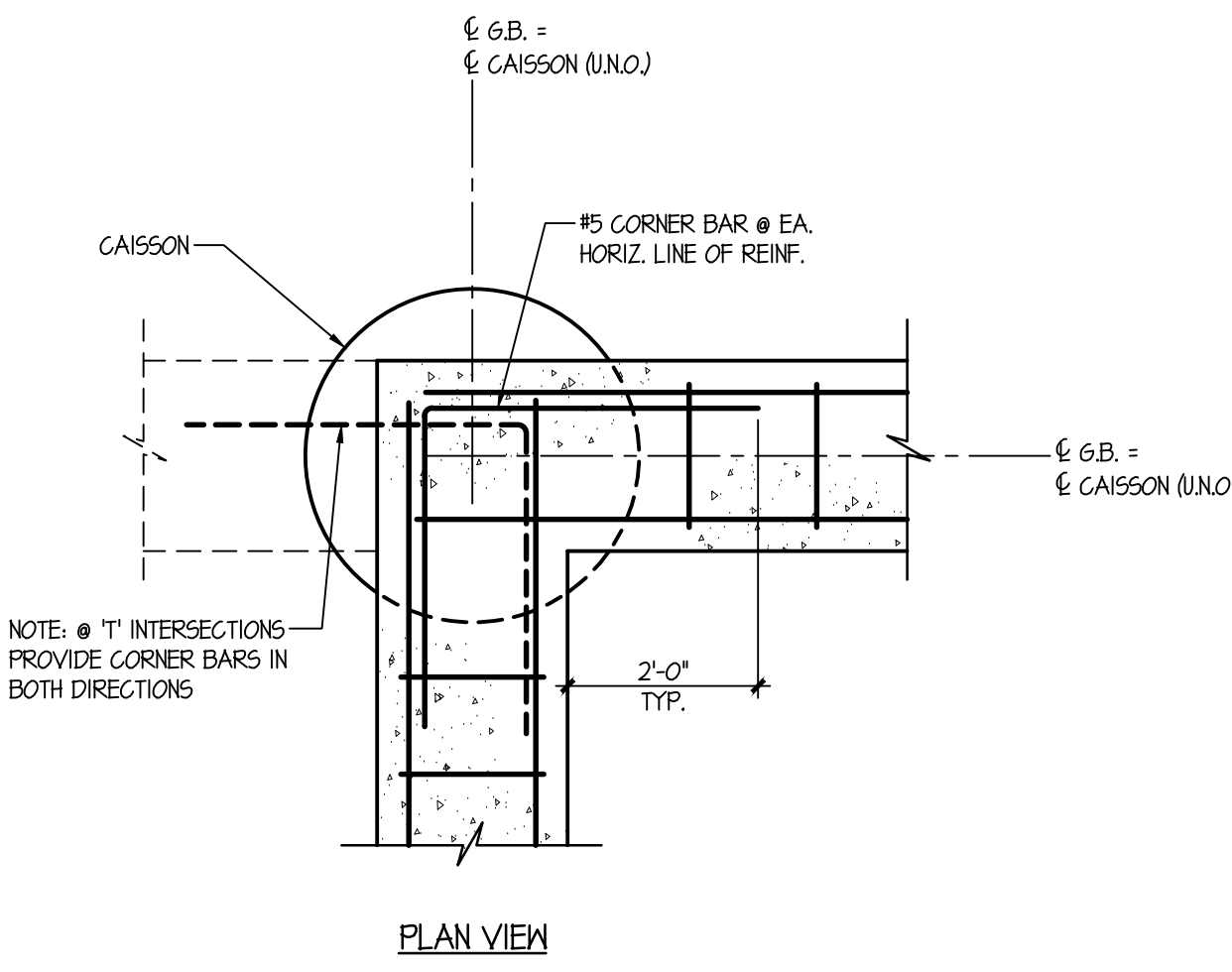
**GRADE BEAM CONSTRUCTION JOINT DETAIL**  
 NOT TO SCALE



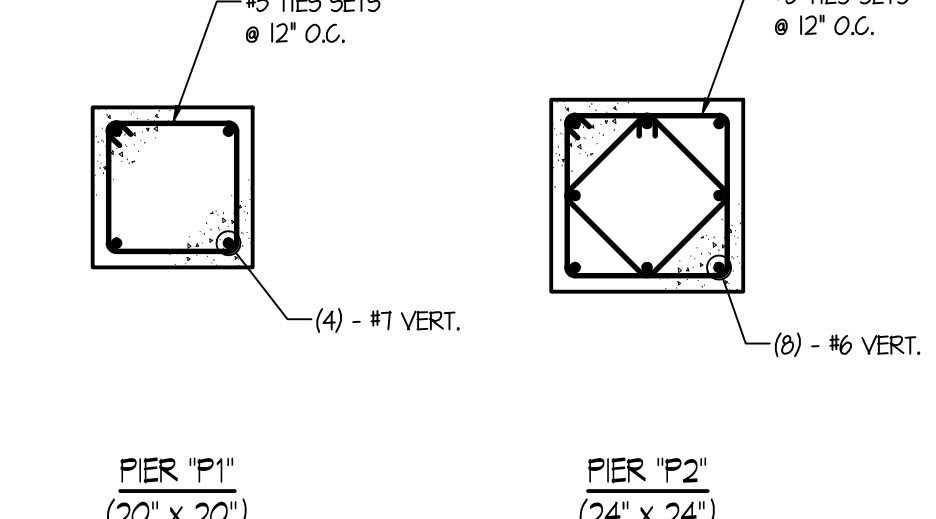
**STEPPED CONC. GRADE BEAM DETAIL**  
 NOT TO SCALE



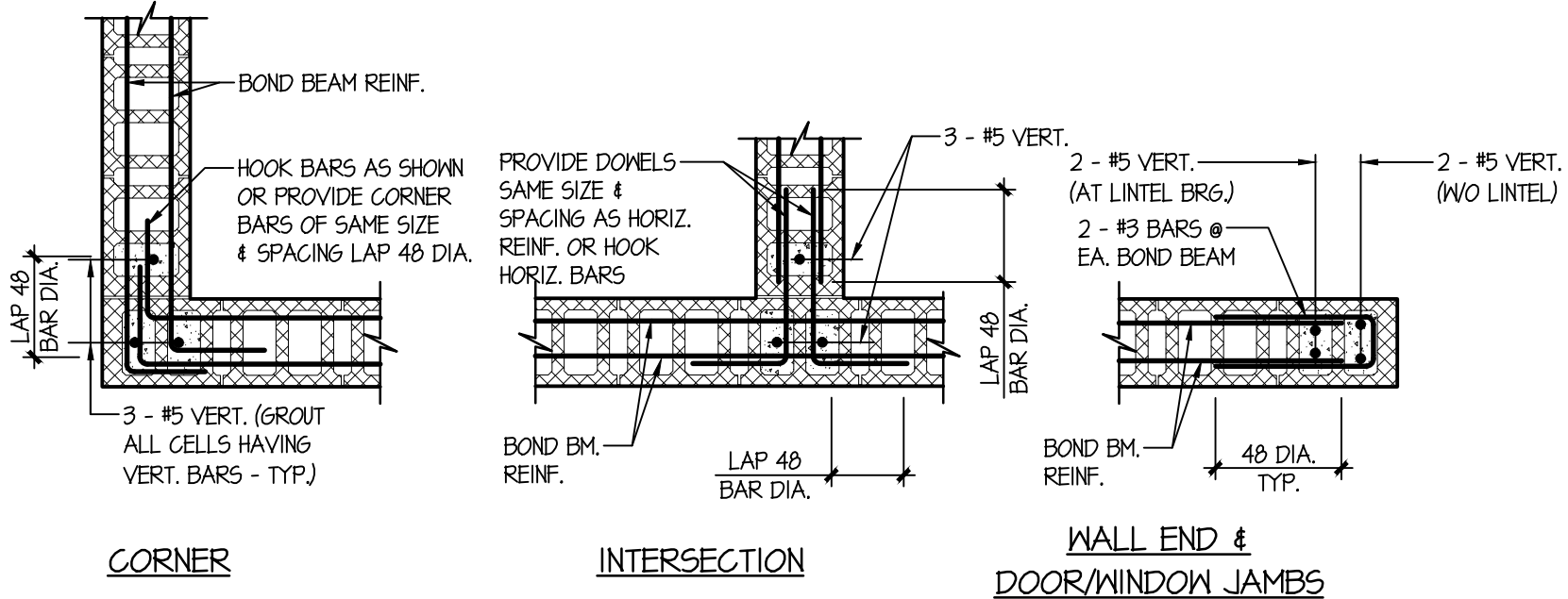
**UTILITY PIPE THRU CONCRETE GRADE BEAM DETAIL**  
 NOT TO SCALE



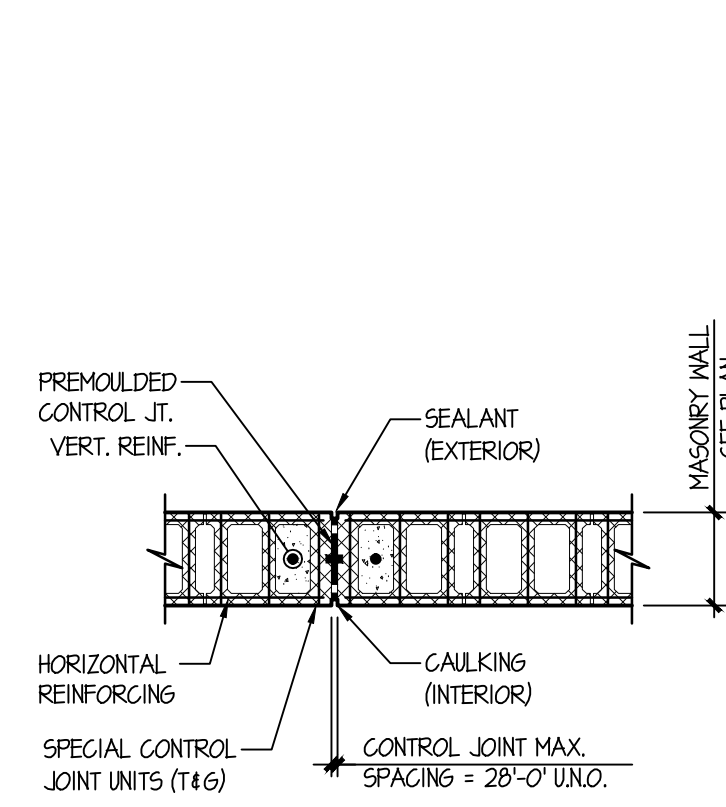
**CONCRETE GRADE BEAM INTERSECTION DETAIL**  
 NOT TO SCALE



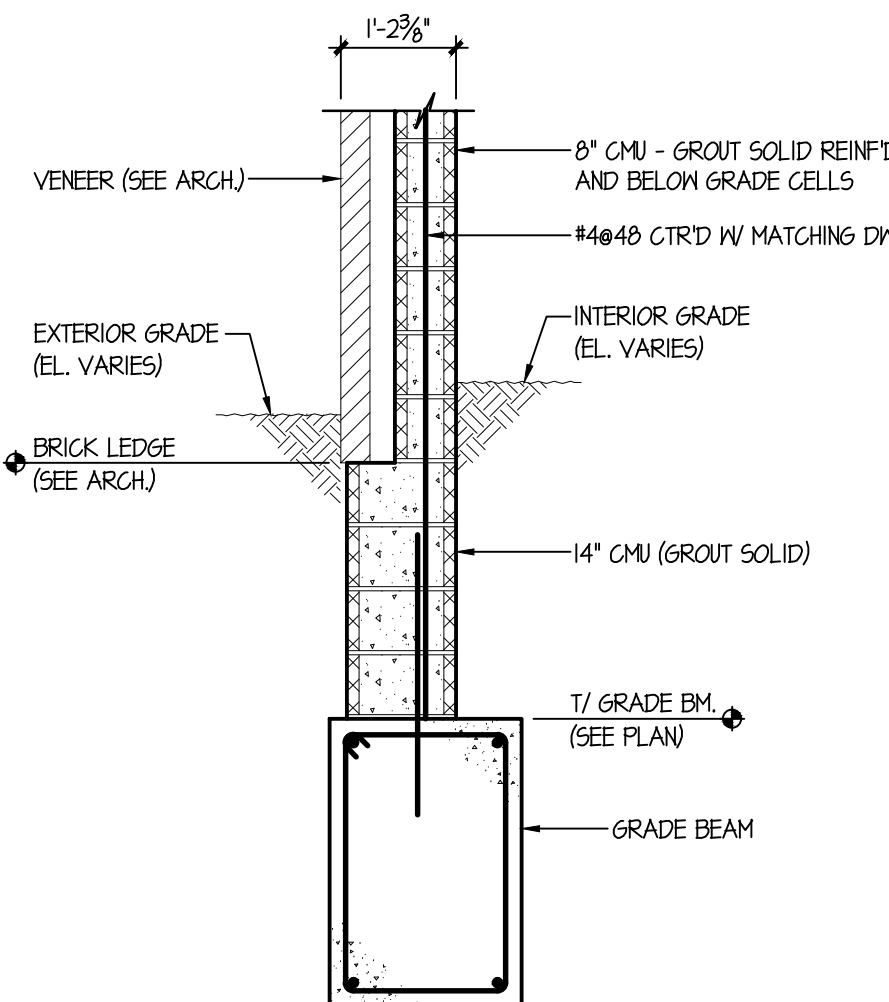
**CONCRETE PIER DETAILS**  
 SCALE 1/2" = 1'-0"



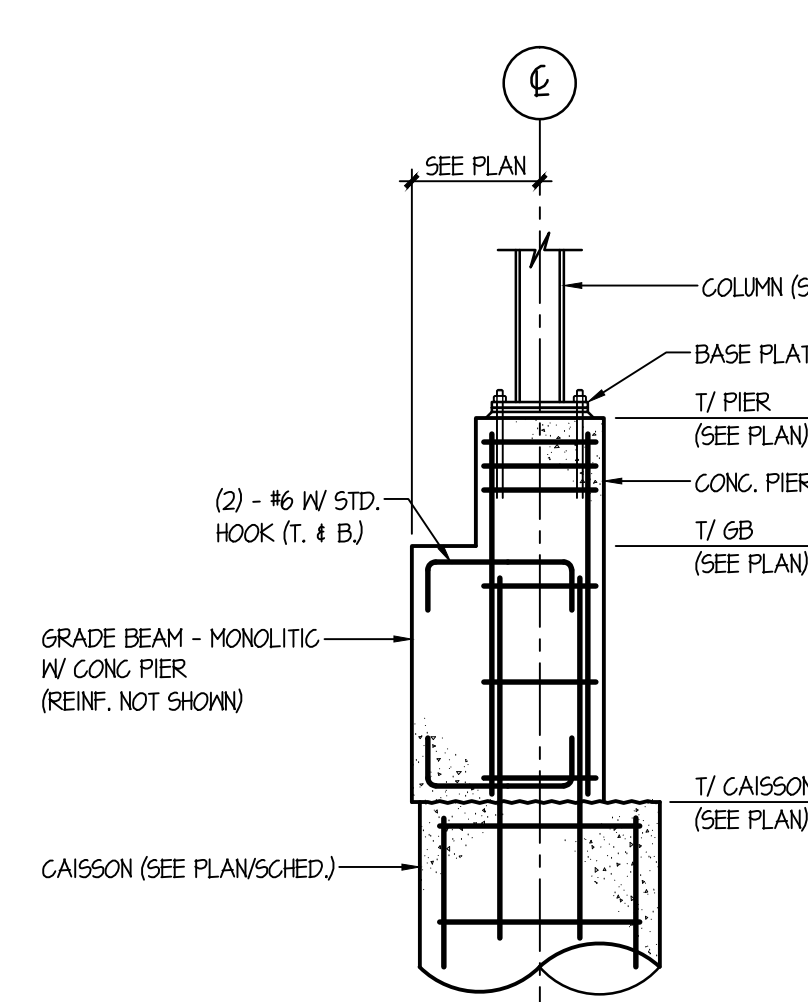
**MASONRY WALL DETAILS**  
 NOT TO SCALE



**CONTROL JOINT IN MASONRY WALL**  
 NOT TO SCALE



**SECTION**  
 SCALE 1/2" = 1'-0"



**SECTION**  
 SCALE 1/2" = 1'-0"

<b>CONSULTANTS:</b> <b>Keystone Structural</b> Consulting Engineers 8150 Perry Highway Suite 302 Pittsburgh, PA 15237 Phone: 412-369-5920 Fax: 412-369-5921 www.ksseng.com Project No. 12153		<b>GATEWAY</b> The Gateway Engineering, Inc. A Full Service Civil Engineering Firm 400 Holiday Drive, Suite 300 Pittsburgh, PA 15220 Phone: 412-921-4030 Contact: Sean Donnelly		<b>ARCHITECT/ENGINEERS:</b> IKM Project No. 12-047 <b>IKM</b> architecture planning interior design IKM Incorporated One PPG Place Pittsburgh, PA 15222 Phone: 412-281-1337 Contact: Joe Obritz		Drawing Title <b>Foundation Typical Details and Sections</b> Approved: Project Director		Project Title <b>AMBULATORY SURGERY ADDITION REDESIGN</b> Location VAMC 135 EAST 38th STREET, ERIE PENNSYLVANIA Date 12 MAR 2013 Checked MJS Drawn JLM		Project Number <b>562-311</b> Building Number Drawing Number <b>S200</b> Dwg. 47 of 85		Office of Construction and Facilities Management Department of Veterans Affairs	
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1st WORKING DRAWING SUBMISSION (90%)  
 RESUBMISSION - FULLY SPRINKLERED