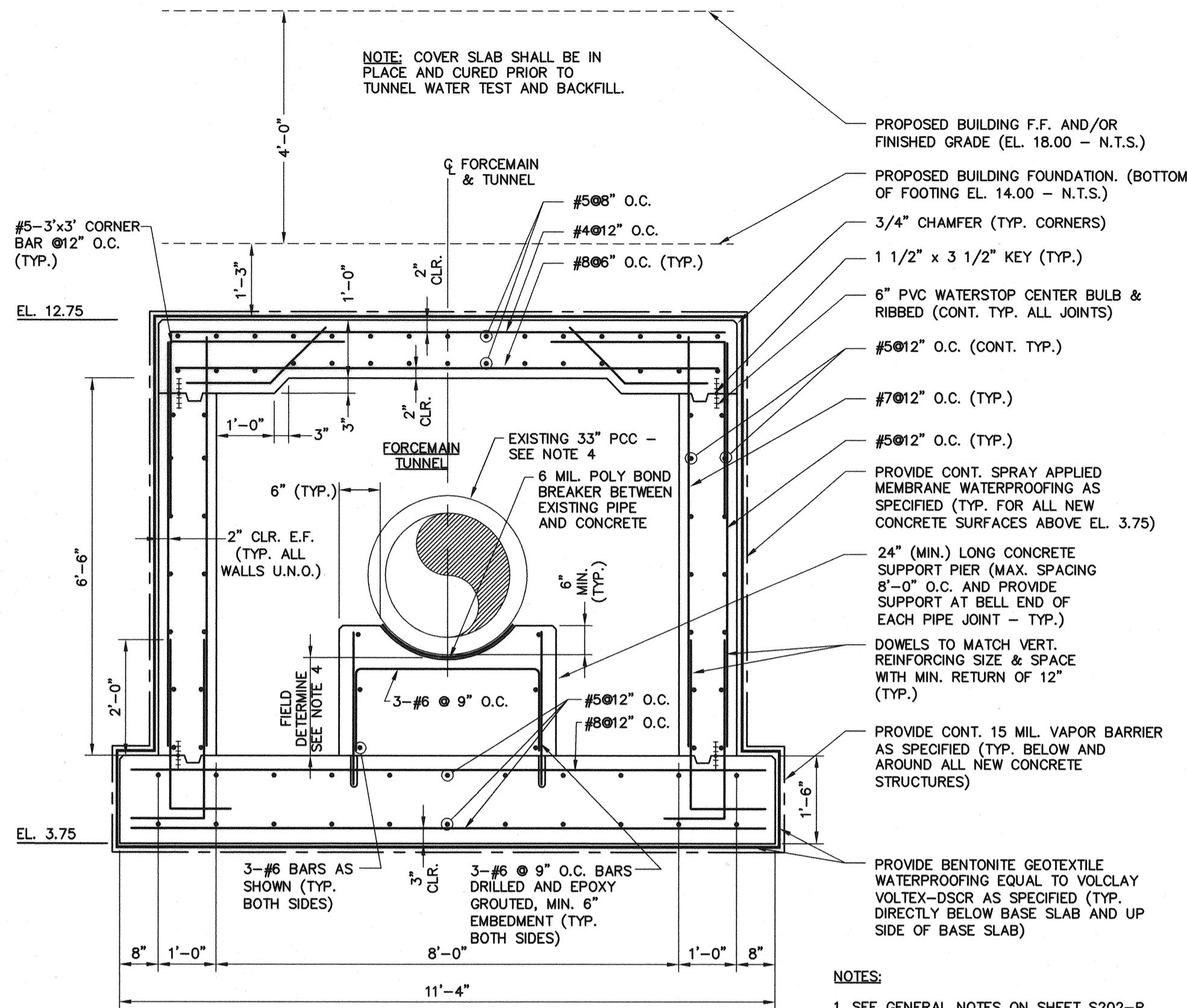
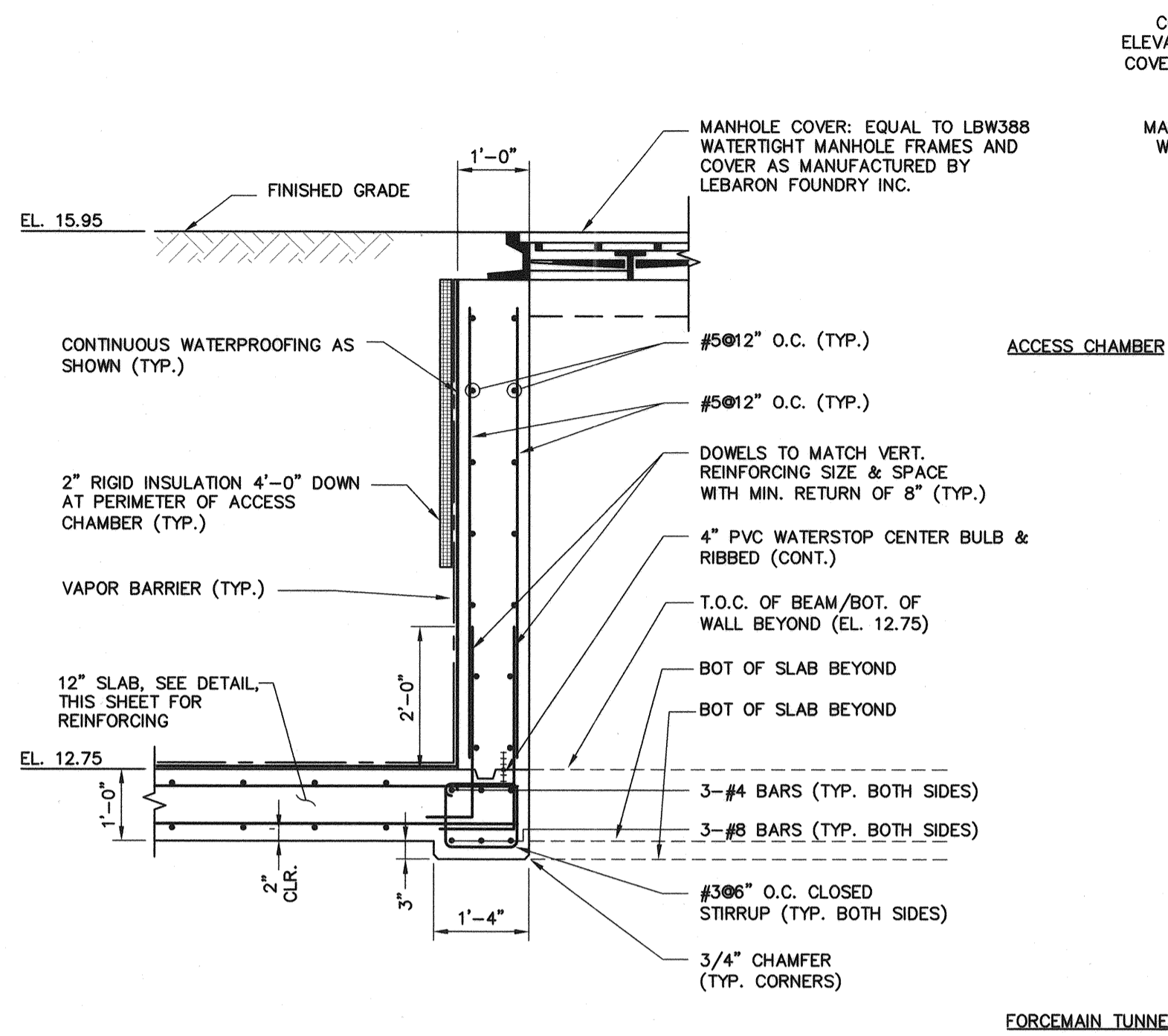


Filename: O:\203438 Ocean Gateway - Phase 1 Engineering\Project Deliverables\2004-10-27\_issued for BID\CAD Drawings\Civil\20343802-R-S202.dwg, Oct 08, 2004 - 3:13pm

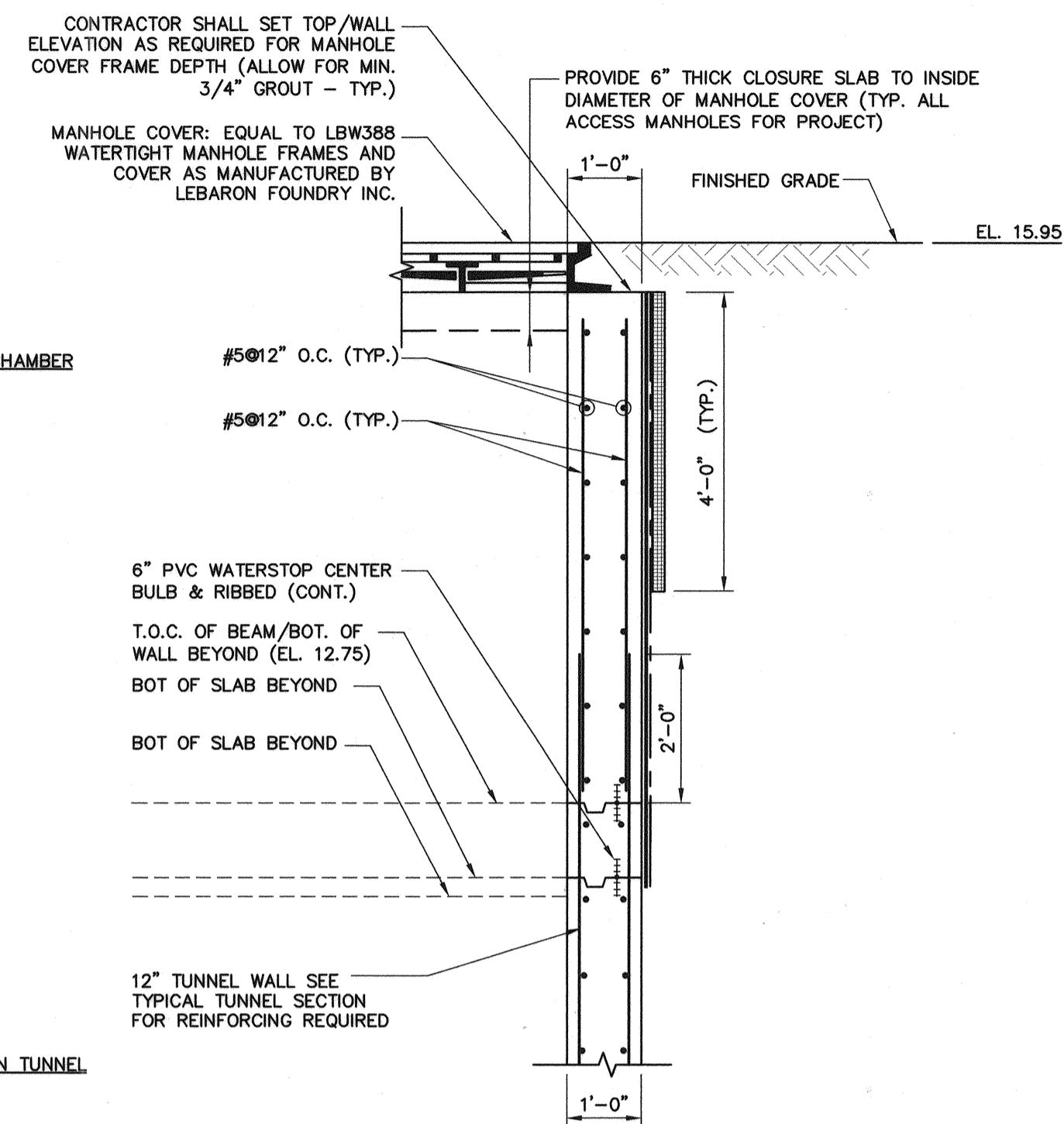


**TYPICAL FORCEMAIN TUNNEL SECTION**  
SCALE: 1/2" = 1'-0"  
SECTION 1  
S203-R

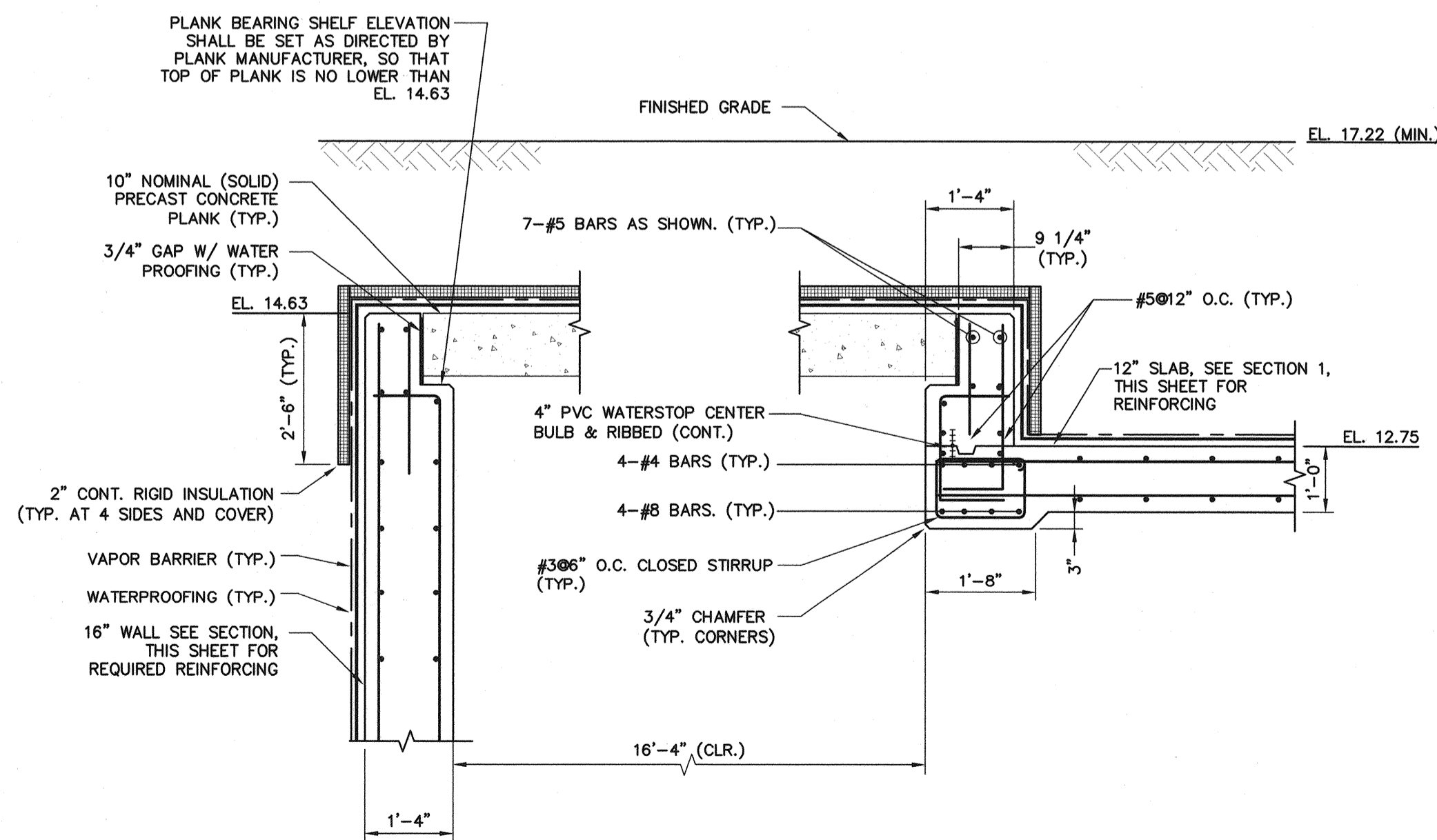
- NOTES:**
- SEE GENERAL NOTES ON SHEET S202-R FOR SUBGRADE PREPARATIONS AND WATERPROOFING REQUIREMENTS.
  - IN SECTIONS OF THE TUNNEL WHERE THE PROPOSED BUILDING'S FOUNDATION IS TO BE LOCATED, THE PROPER BOTTOM OF FOOTING ELEVATIONS SHALL BE ACHIEVED BY BACKFILLING WITH SELECT STRUCTURAL FILL AND COMPACTED.
  - ALL REBAR SHALL HAVE A MINIMUM OF 2" OF CLEAR COVER UNLESS OTHERWISE NOTED.
  - EXISTING FORCEMAIN ELEVATION: REFER TO PLAN ON SHEET S203-R FOR TEST PIT LOCATION AND CORRESPONDING ELEVATION FOR EXISTING 33" PCC FORCEMAIN (FIELD VERIFY). CONCRETE PIPE SUPPORT HEIGHTS MAY VARY BASED ON ACTUAL PIPE ELEVATIONS. CONTRACTOR SHALL PERFORM TEST PITS PRIOR TO CONSTRUCTION TO CONFIRM FORCEMAIN ELEVATIONS ALONG TUNNEL LENGTH.



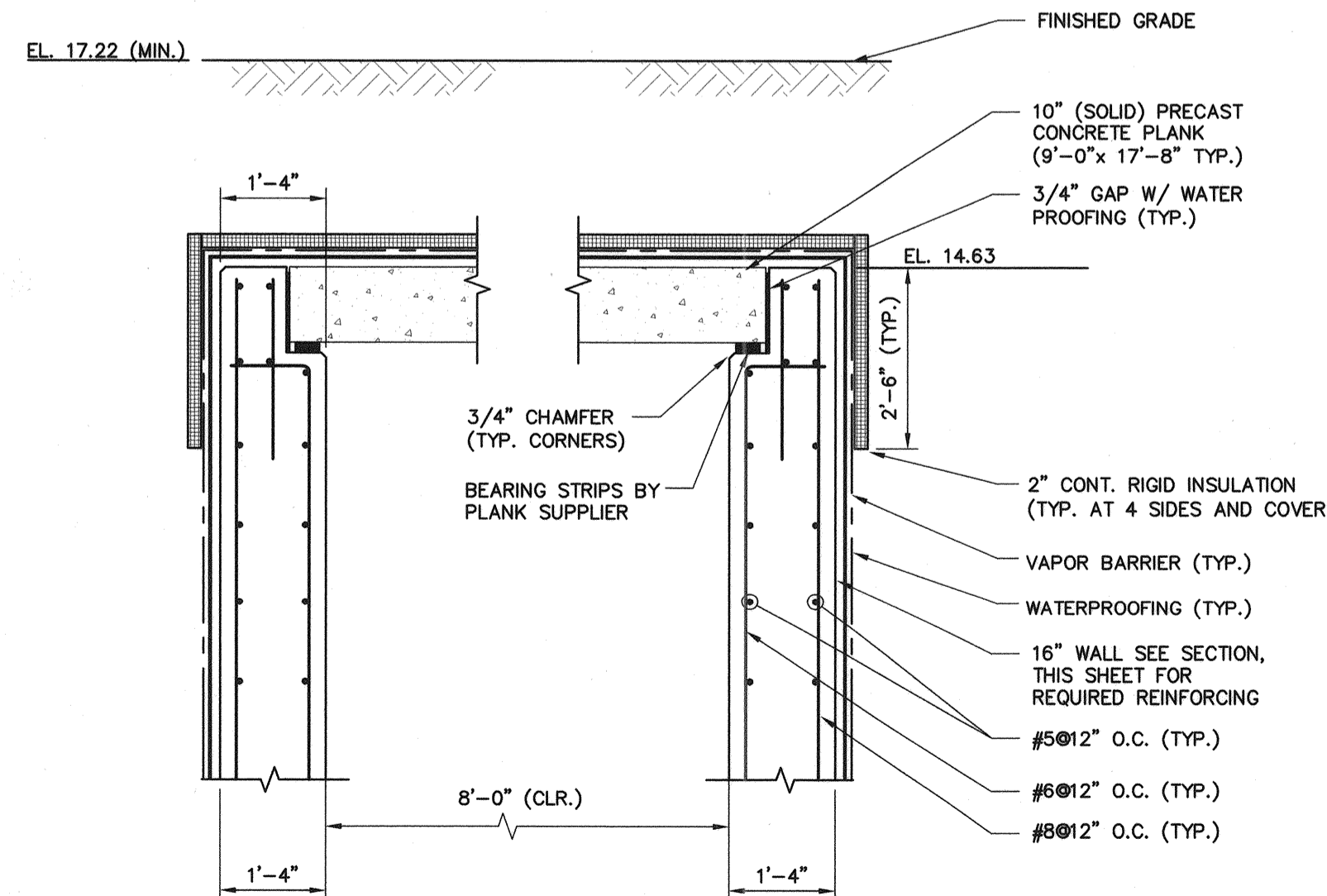
**SECTION 2**  
SCALE: 1/2" = 1'-0"  
SECTION 2  
S203-R



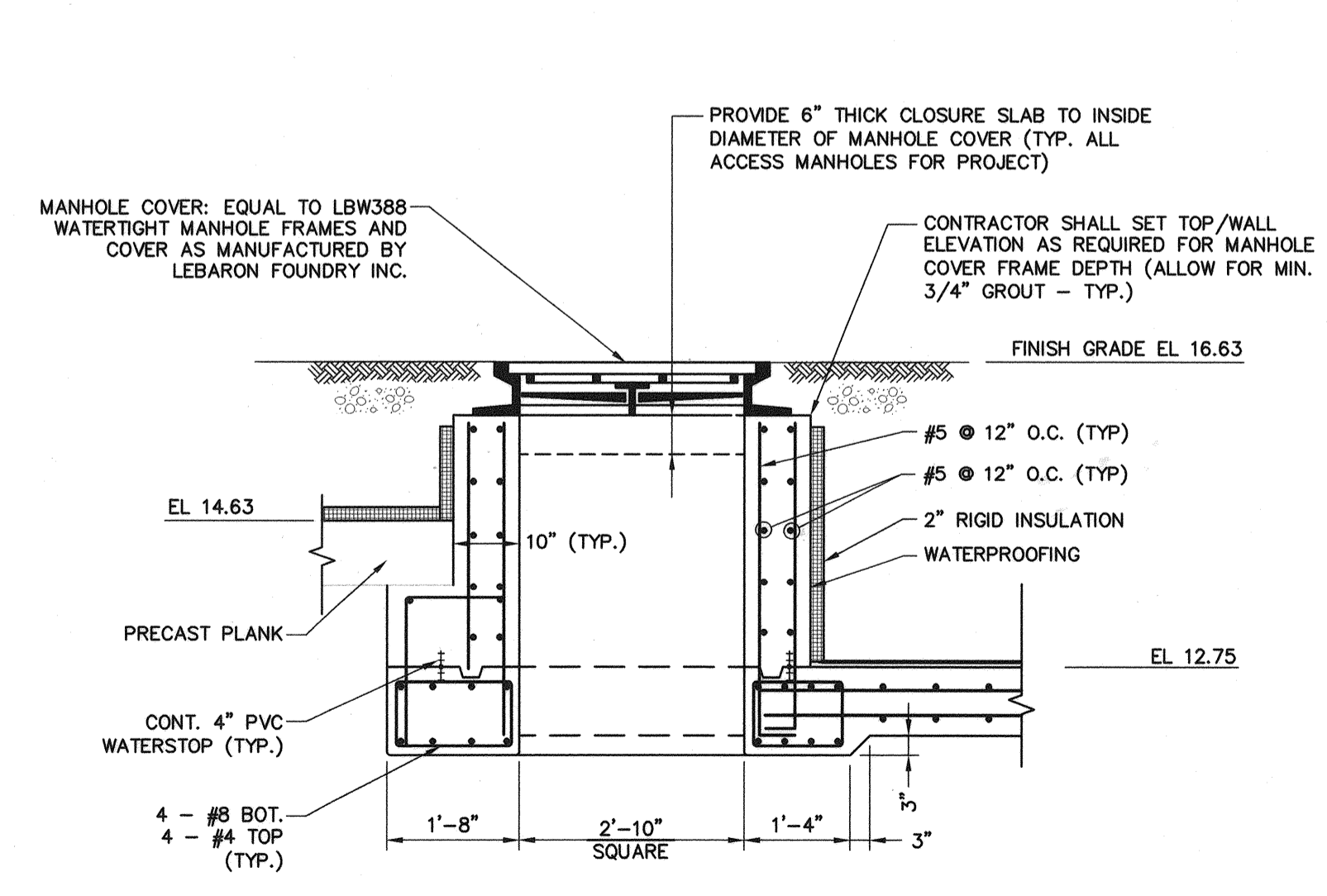
**SECTION 3**  
SCALE: 1/2" = 1'-0"  
SECTION 3  
S203-R



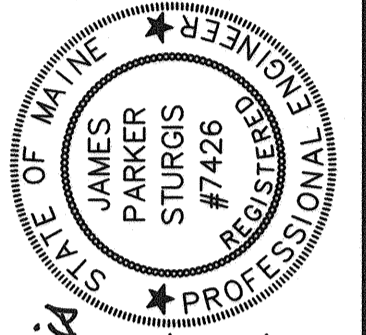
**SECTION 4**  
SCALE: 1/2" = 1'-0"  
SECTION 4  
S203-R



**SECTION 5**  
SCALE: 1/2" = 1'-0"  
SECTION 5  
S203-R



**SECTION 12**  
SCALE: 1/2" = 1'-0"  
SECTION 12  
S203-R



*James Parker Sturgis*  
SIGNATURE  
P.E. NUMBER  
7426  
DATE  
10-8-04

PROJ. MGR.	MANAGER	PAUL	POTTLE	DATE
DESIGN-DETAILED	JRB	JBC	JFS	
CHECKED-REVIEWED	JRB	JRB		
DESIGN-DETAILED			7/4/02	
DESIGN-DETAILED			03/03	
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				