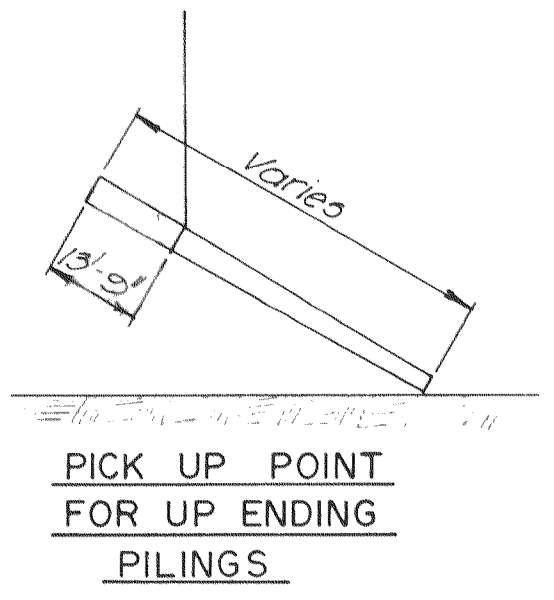
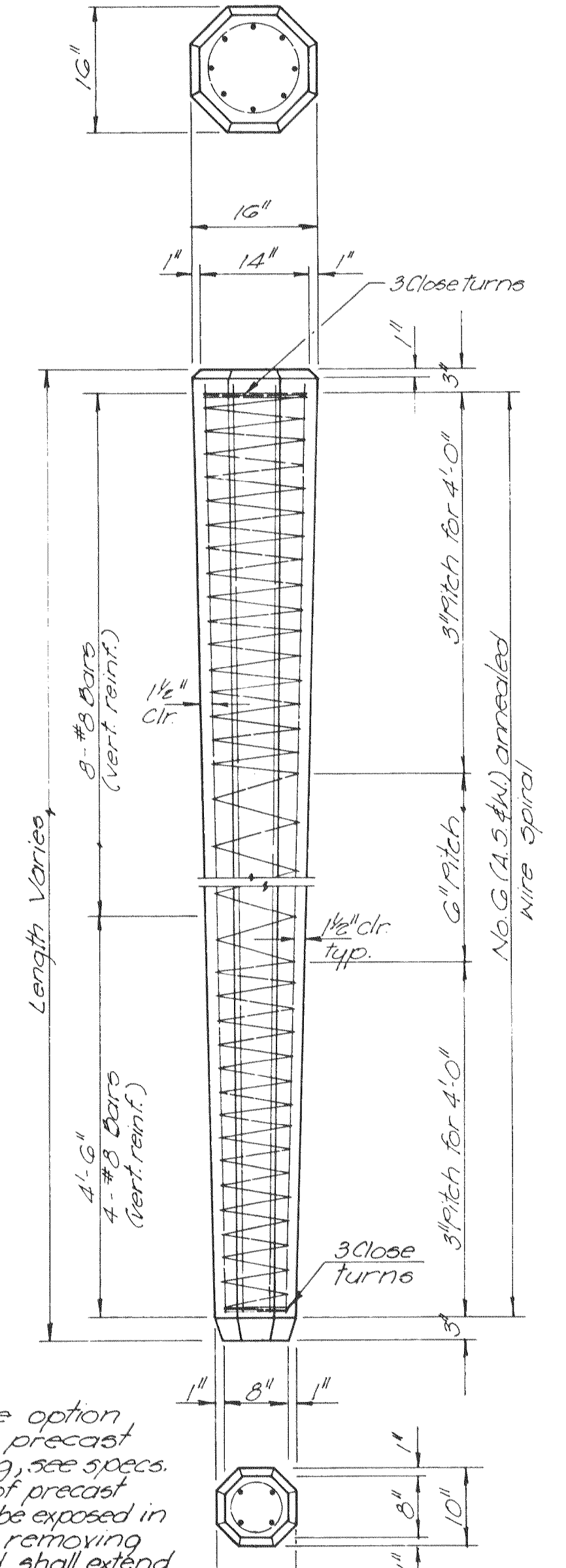


**BIO-FILTER COMPLEX FOUNDATION PLAN**  
Scale: 3/16" = 1'-0"



**NOTE:**  
 1) The contractor has the option to construct either precast or auger cast piling, see specs.  
 2) Subsequent to driving of precast piling reinforcing shall be exposed in top portion of pile by removing precast concrete and shall extend into pile cap, grade beam, wall, etc. as req'd. by foundation details.  
 3) The precast concrete shall be removed in a manner to avoid damage to the pile and reinf.



**PRECAST PILING DETAIL**  
Scale: 3/4" = 1'-0"

EPA PROJECT NO. C291090  
**GBA**  
 GEORGE BUTLER ASSOCIATES  
 CONSULTING ENGINEERS/ARCHITECTS  
 LANDSCAPE ARCHITECTS/PLANNERS

**WASTEWATER TREATMENT PLANT EXPANSION**  
**BIO-FILTER COMPLEX**  
**FOUNDATION PLAN — NORTH**  
 CITY OF O'FALLON, MISSOURI

JOB NO. 79-2065  
 DATE 7/30/81  
 SCALE As Noted  
 SHEET NO. 23 OF 88

DESIGNED BY J.L.S. DRAWN BY W.Y. CHECKED BY M.L.S.