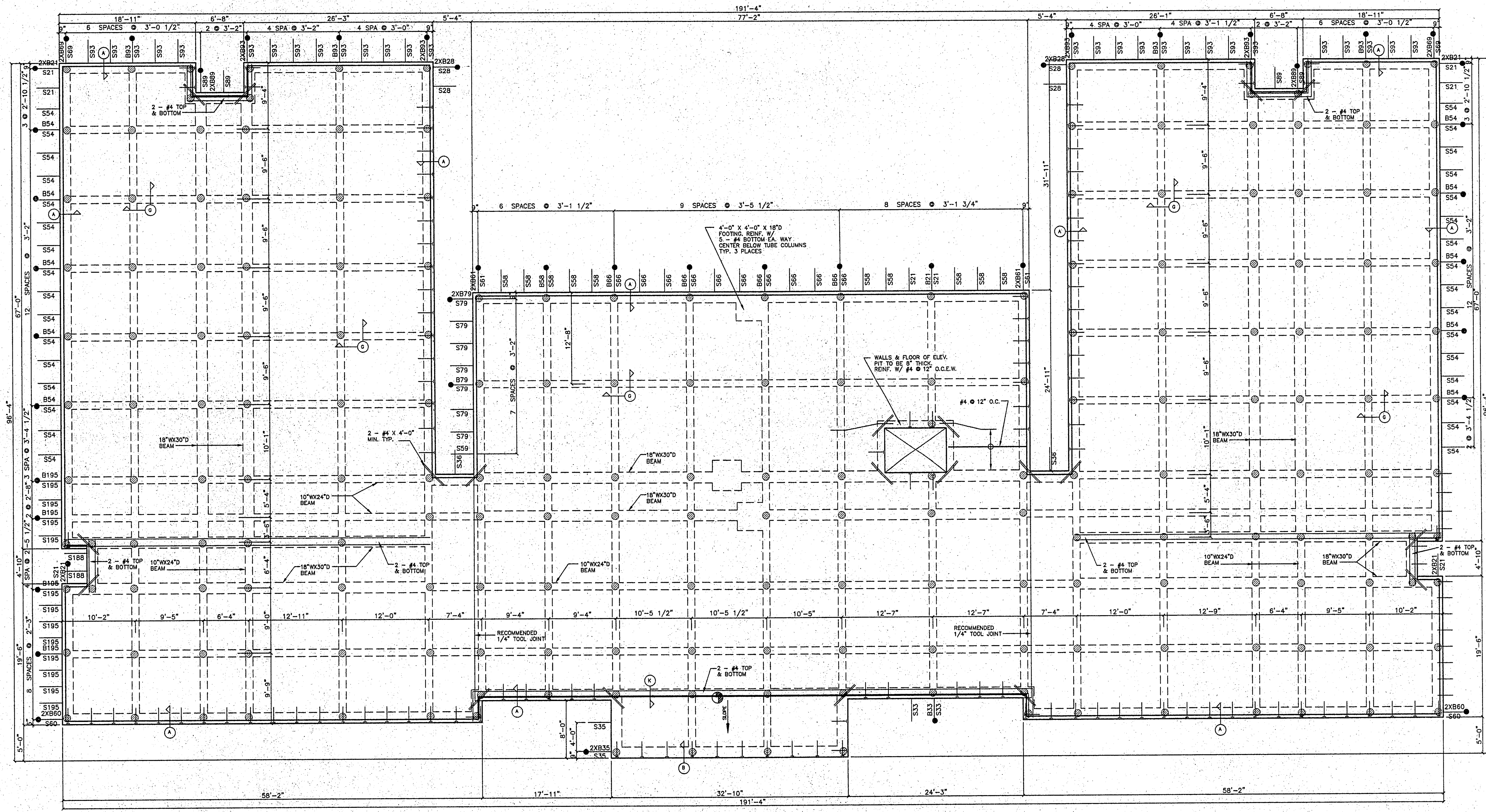


**NOTES:**

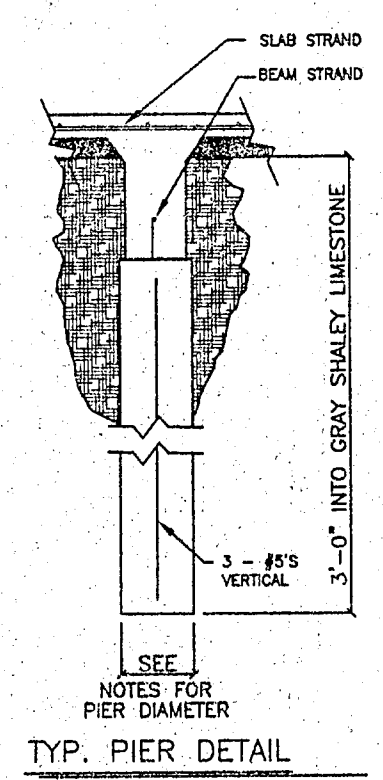
- PIERS MAY BE OMITTED IF ALL FILL SOILS ARE COMPACTED TO 95% STANDARD PROCTOR. COMPACTION TO BE TESTED BY A COMPETENT SOILS LAB.
- THIS DESIGN BASED ON REDUCING POTENTIAL SOIL MOVEMENTS TO 1 INCH OR LESS AS PER RECOMMENDATIONS OF SOILS REPORT.
- ALL TENDONS OVER 120'-0" SHALL BE TENSIONED FROM BOTH ENDS.
- DESIGN BASED ON SOILS REPORT #17985274 BY TERRACON DATED 5/13/98  
 $Q_0 = 1500 \text{ PSF}$        $PI = 30$
- ALL EXTERIOR BEAMS TO HAVE TWO DRAPED BEAM TENDONS.

FOR CONSTRUCTION  
 FOR PIER LOCATIONS

REVISIONS	BY
7/12/99	BG
7/6/99	BG



**BEAM SIZES:**  
 EXTERIOR BEAMS: 18"W X 30"D  
 HALLWAY BEAMS: 18"W X 30"D  
 ALL OTHER BEAMS: 10"W X 24"D



**PIER DIAMETERS:**  
 18" DIA. FOR PIERS BENEATH 18"W X 30"D BEAMS  
 16" DIA. FOR PIERS BENEATH 10"W X 24"D BEAMS

**GRAHAM - MARTIN, INC.**  
 ENGINEERING CONSULTANTS

2100 N. HWY. 360, Suite 1402, Grand Prairie, TX 75050  
 Phone: (972) 647-1025

NATCA CONSTRUCTION, INC.  
 PLAN # MAINSTAY SUITES  
 ADDISON ROAD & BELTLINE  
 ADDISON, TX

DATE: 7/3/99  
 SCALE: 3  
 DRAWN: BG/  
 JOB: 99-2361

