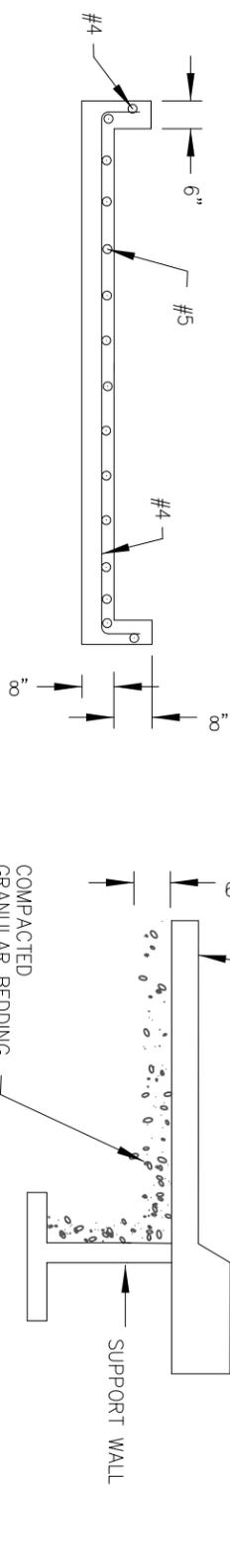
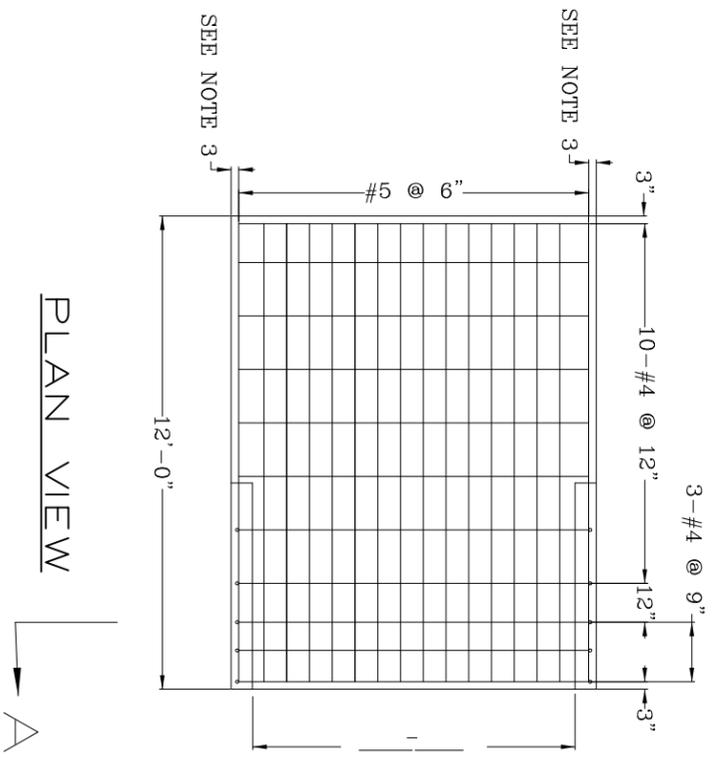


**ELEVATION**



**SECTION A-A**



**PLAN VIEW**

**GENERAL DESIGN NOTES:**

- THIS DRAWING MAY ONLY BE USED WITH EXTENSIONS BEYOND TANK WALL.
  - STEEL SHALL BE PLACED IN TOP HALF OF SLAB WITH 2" COVER.
  - PROVIDE SAFETY GUARD REQUIRED ACROSS END OF PUSH-OFF; SEE PA-039
  - PUSH-OFF SLOPE OF 1/8" PER FOOT TOWARDS/AWAY FROM STRUCTURE
  - PLACE CLEAN GRANULAR BACKFILL BEHIND THE SUPPORT WALL AND THOROUGHLY COMPACT FOR GOOD DRAINAGE.
  - END SPACE TO REBAR MUST BE GREATER THAN 2", BUT NOT TO EXCEED 3".
  - INSTALL WELL-COMPACTED GRANULAR FILL UNDER THE SLAB; ALL FILL COMPACTED IN 6" LIFTS STANDARDIZED DESIGN: MUST BE ADAPTED TO THE SPECIFIC SITE.
- DESIGN STRENGTHS:**
- $f'_c = 4,000\text{psi}$        $f_s = 60,000\text{ psi (GRADE 60)}$
- PUSH-OFF DESIGN LOADING:**
- SLAB WILL SUPPORT 10,000 LB. AXLE LOAD AT 4' WHEEL SPACING.
  - FOUNDATION SOIL SHOULD PROVIDE AT LEAST 1000 psf BEARING CAPACITY.
  - USE REINFORCED CONCRETE WALLS THAT ARE DESIGNED AS ADEQUATE TO SUPPORT A LOADED PUSH-OFF.

REDRAWN: TJA 7/05

Designed	<u>A. WOOD</u>	Date	<u>10/92</u>
Drawn	<u>S. DUNN</u>	Date	<u>10/92</u>
Checked	_____		
Approved by	_____		

\_\_\_\_\_ COUNTY, PENNSYLVANIA  
**EXTENDED PUSH-OFF**



Revision 1 June 2012 HCK

File No.	<u>PA-040-r1.dwg</u>
Drawing No.	<u>PA-040-r1</u>
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