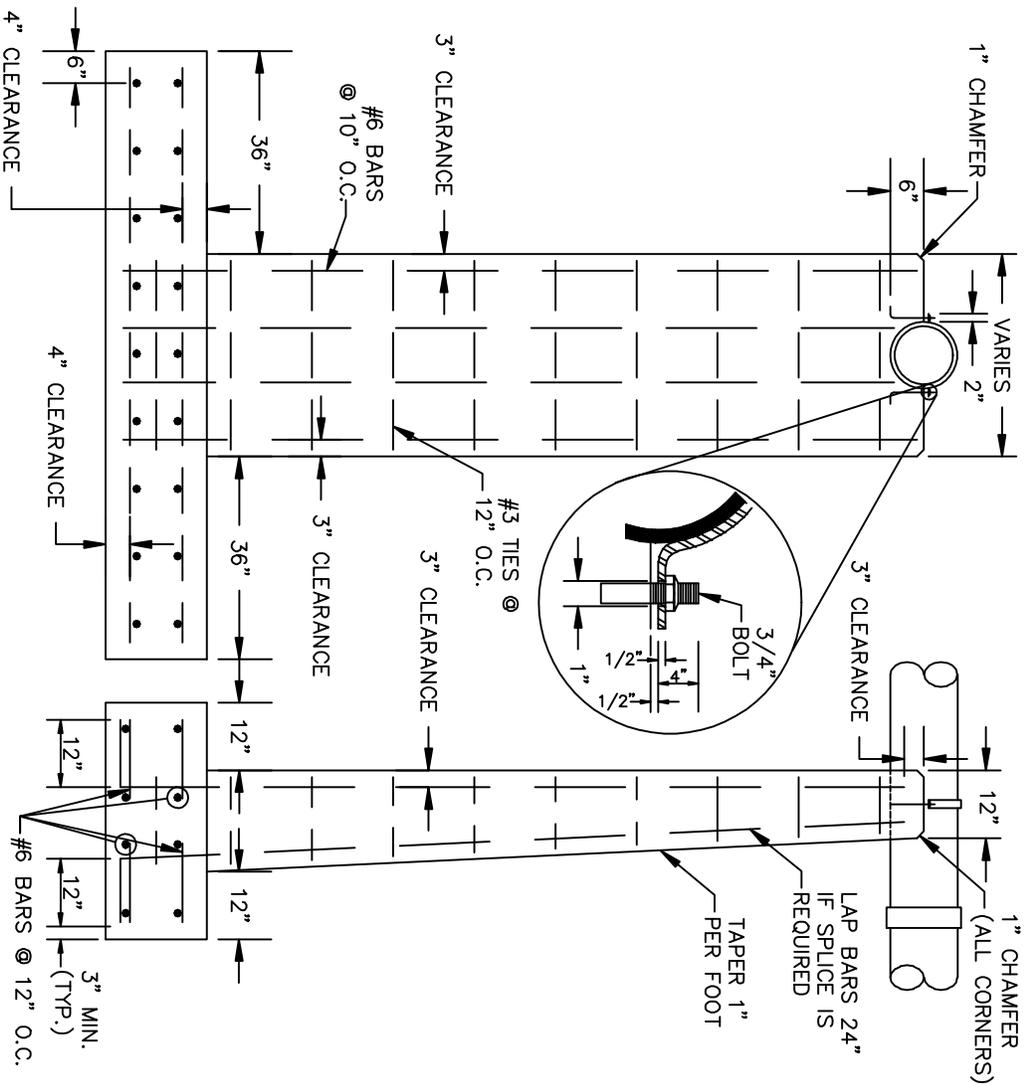


- NOTES:**
1. ALL CONCRETE TO BE 3600 PSI.
 2. MAXIMUM HEIGHT REINFORCED CONCRETE PIERS TO BE 20'-0".
 3. FOOTING THICKNESS SAME AS BASE THICKNESS OF PIER, BUT NOT TO EXCEED 2'-0"
 4. PIERS TO BE BUILT WITH LONG SIDE PARALLEL TO CREEK FLOW.
 5. PIER TO BE CENTERED ON FOOTING WHEN PIPE IS PARALLEL TO CREEK.
 6. PIPE TO BE SET $\frac{1}{4}$ " IN PIER AND $\frac{1}{4}$ " PROTRUDING ABOVE PIER. WHEN PIERS ARE PLACED PARALLEL TO THE FLOW OF THE CREEK AND THE PIPE IS ON A SKEW WITH THE PIER, HOLDING STRAPS MAY STILL BE PLACED AT RIGHT ANGLES TO THE PIPE, PROVIDING THAT ANCHOR BOLTS ARE NOT SET WITH A CLEARANCE OF LESS THAN 2" TO THE SURFACE OF THE PIER.
 7. NO REINFORCING STEEL TO BE PLACED WITH A CLEARANCE OF LESS THAN 3" TO THE SURFACE OF THE PIER.

PIPE	PIER WIDTH FOR 90° CROSSING
15"	3'-0"
18"	3'-6"
24"	4'-0"
30"	4'-9"
36"	5'-6"
42"	6'-6"
48"	7'-0"



SECTION VIEW
N.T.S.

REVISIONS

NO.	DATE	DESCRIPTION

YORK COUNTY ENGINEERING
STANDARDS

CONCRETE PIER
STANDARD DETAIL

STD. NO.	15.11
DATE	09/06