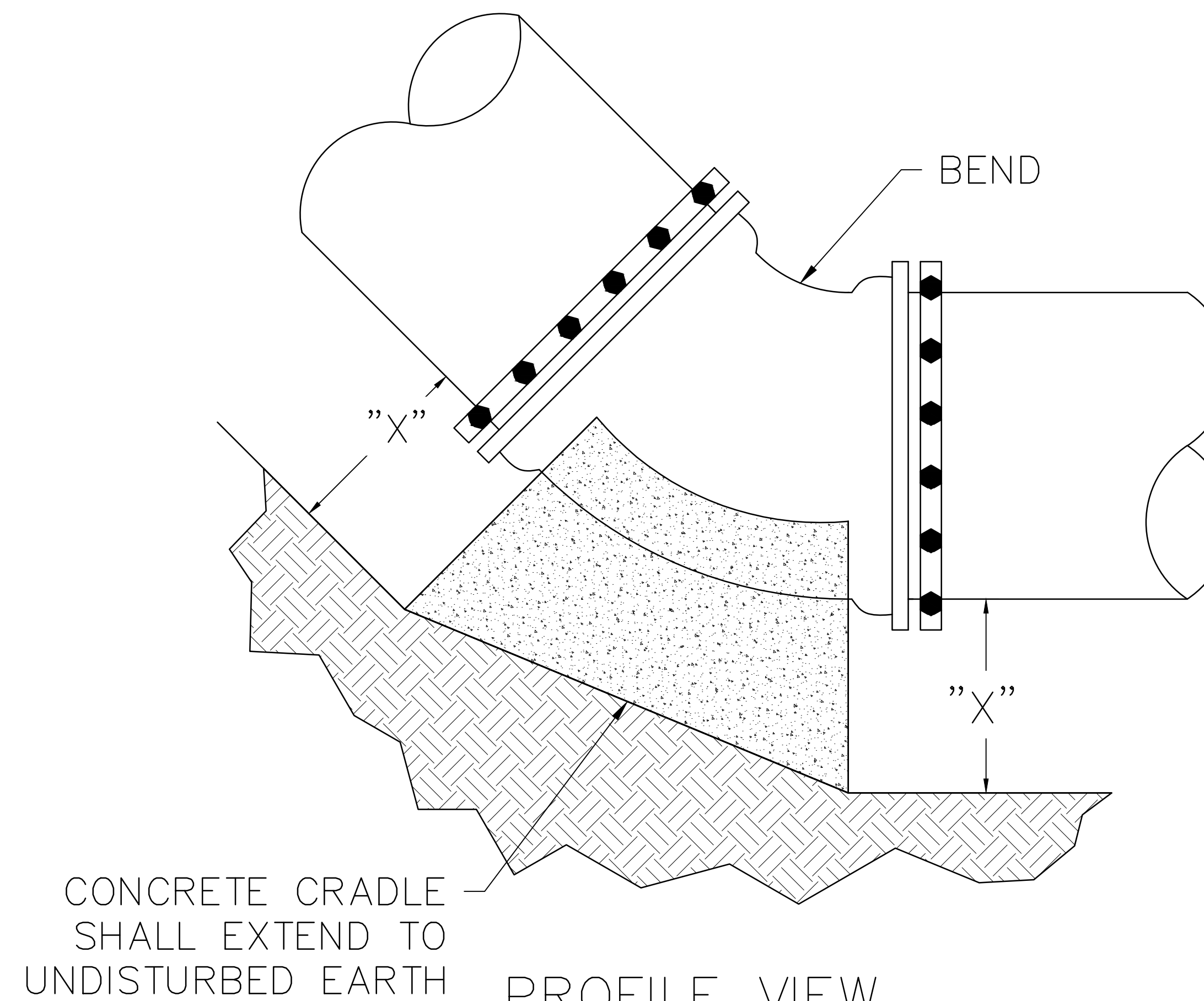
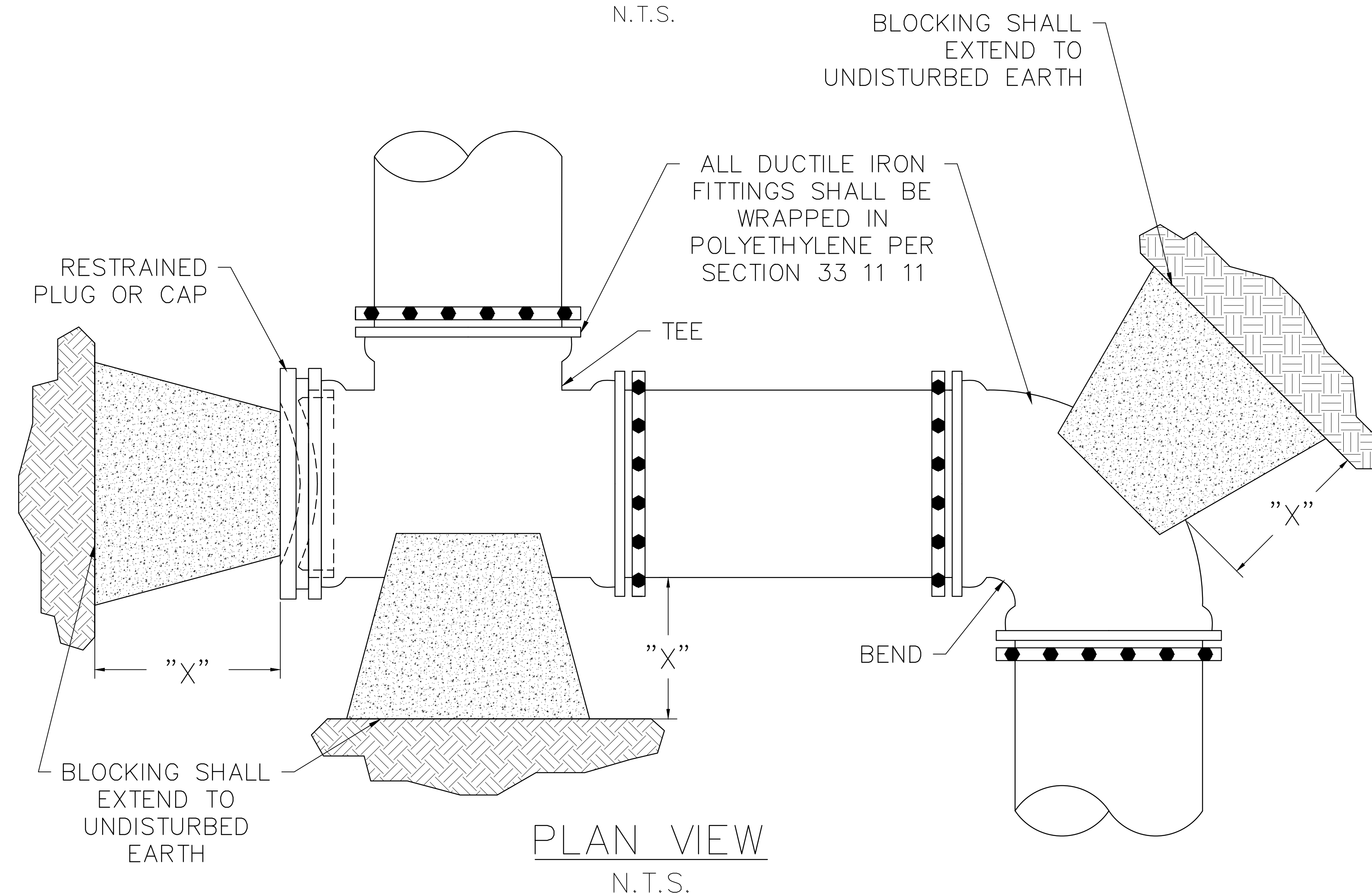


NOTES:

1. THRUST BLOCKING AREAS SHOWN ARE BASED ON:
 - 1.1. 225 PSI TEST PRESSURE
 - 1.2. 3,000 PSF HORIZONTAL OR LATERAL BEARING PRESSURE FOR ACCEPTABLE SOILS
 - 1.3. MINIMUM COVER OF 42"
 - 1.4. A SAFETY FACTOR OF 1.5.
2. ENGINEER SHALL REVIEW THE APPROPRIATE THRUST BLOCK DETAIL TABLE FOR MINIMUM SIZE OF CONCRETE THRUST BLOCK, BASED ON TEST PRESSURE.
3. THE ENGINEER SHALL PROVIDE A SEPARATE BLOCKING TABLE WHEN THE CONDITIONS DO NOT MEET THE ABOVE ASSUMPTIONS.
4. THE CONTRACTOR IS REQUIRED TO PROVIDE THRUST RESTRAINT BY MEANS OF THRUST BLOCKING FOR ALL PIPES. THIS ITEM SHALL BE CONSIDERED SUBSIDIARY TO THE VARIOUS ITEMS BID.
5. ALL MJ FITTINGS SHALL BE ADDITIONALLY RESTRAINED WITH RETAINER GLANDS.
6. CRADLES FOR WATER LINES LARGER THAN 24" SHALL BE DESIGNED FOR THE SPECIFIC LOCATION AND SHOWN ON THE DRAWINGS.
7. ALL DUCTILE IRON FITTINGS SHALL BE WRAPPED IN POLYETHYLENE ENCASEMENT PRIOR TO PLACING OF BLOCKING.
8. CONCRETE MATERIAL SHALL CONFORM TO SECTION 03 30 00.



PROFILE VIEW
N.T.S.



PLAN VIEW
N.T.S.

CREATED: 2-20-2023

WATER - DETAIL 20

CITY OF NEWARK, NEW JERSEY
**TYPICAL HORIZONTAL THRUST
BLOCKING DETAIL**

