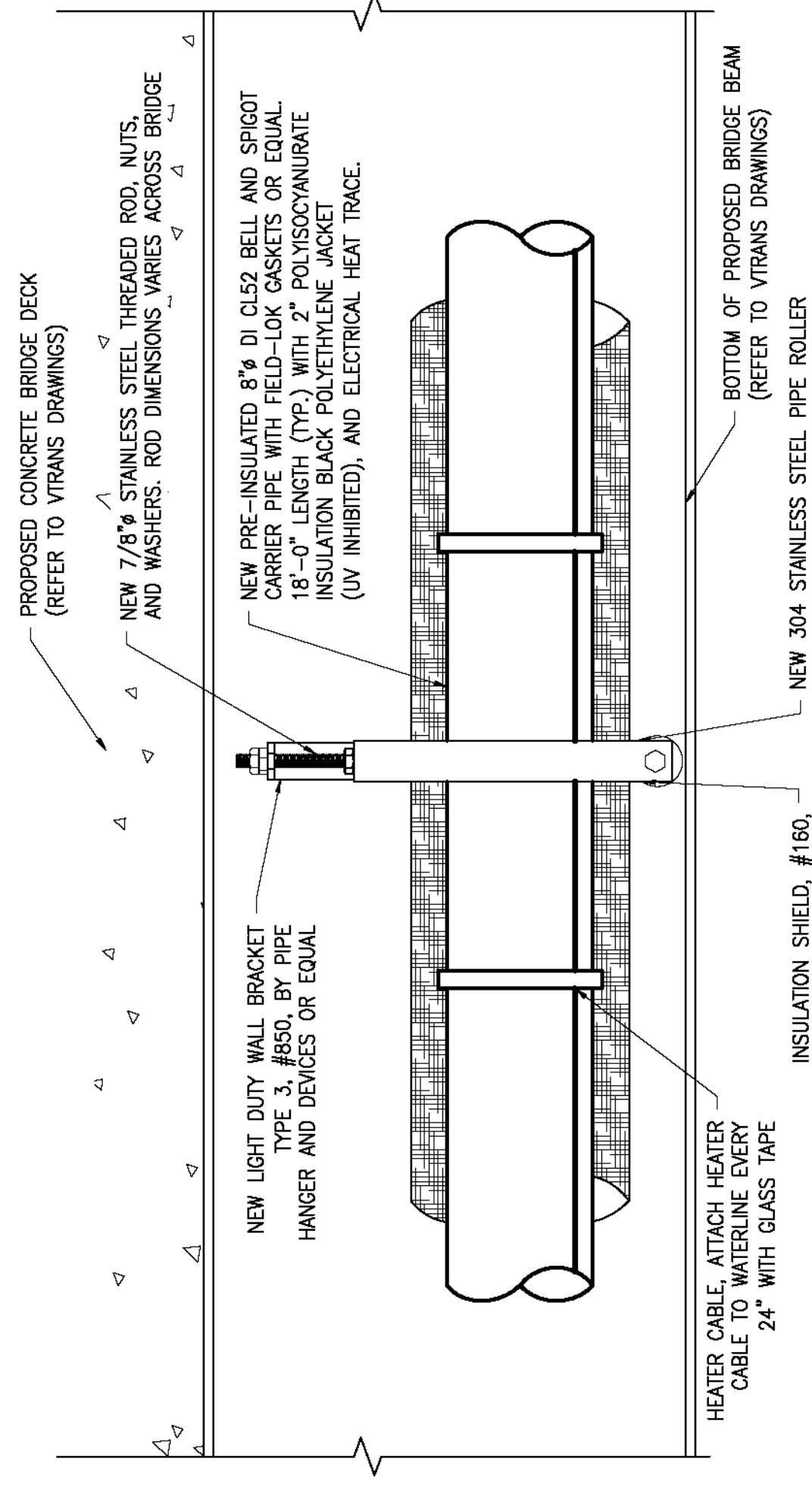


TYPICAL STEEL BEAM PIPE SUPPORT SECTION

SCALE: 1-1/2"=1'-0"

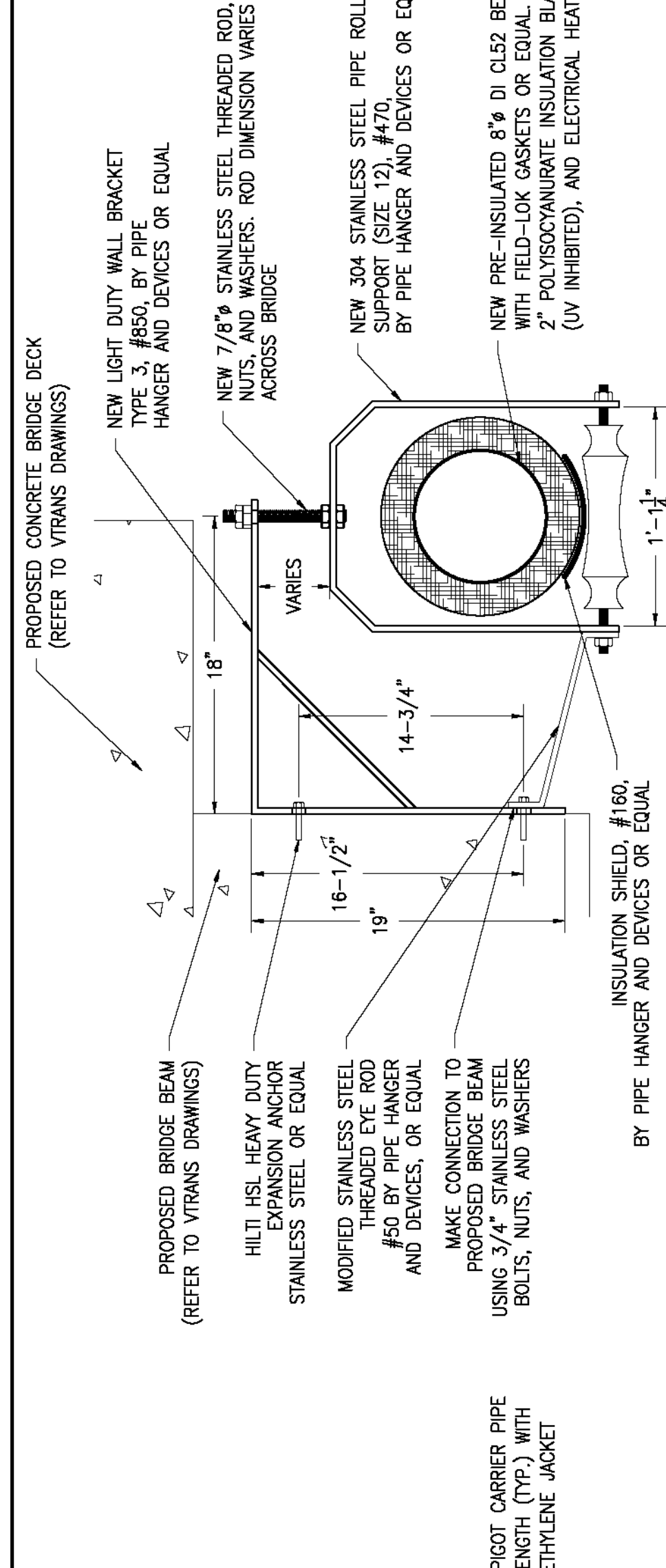
- NOTES:**
 1. PIPE HANGERS SHALL BE MOUNTED AS HIGH AS POSSIBLE WITHIN THE PROPOSED BEAM.



TYPICAL CONCRETE BEAM PIPE SUPPORT SECTION

SCALE: 1-1/2"=1'-0"

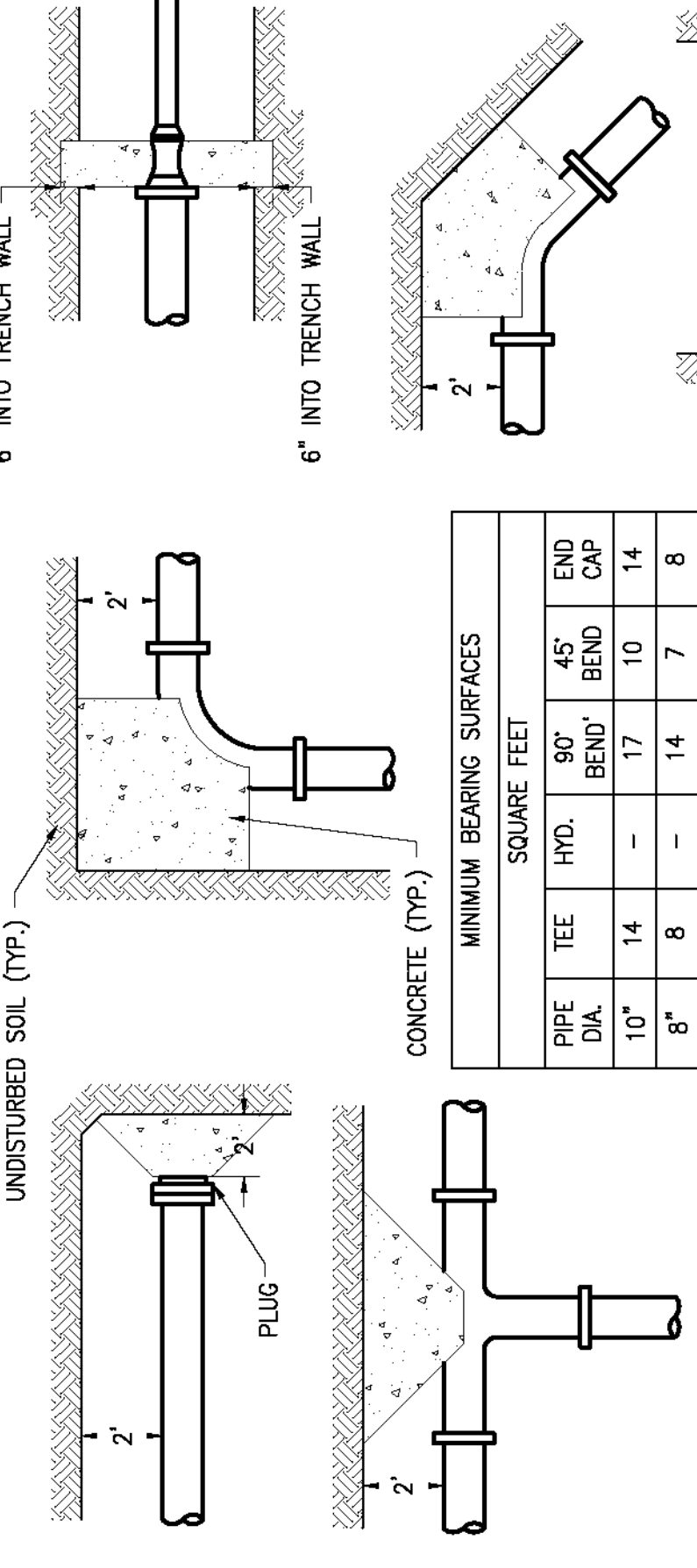
- NOTES:**
 1. PIPE HANGERS SHALL BE MOUNTED AS HIGH AS POSSIBLE WITHIN THE PROPOSED BEAM.



DOUBLE PIPE SUPPORT DETAIL

SCALE: 1-1/2"=1'-0"

- NOTES:**
 1. PIPE HANGERS SHALL BE MOUNTED AS HIGH AS POSSIBLE WITHIN THE PROPOSED BEAM.



SINGLE PIPE SUPPORT DETAIL

SCALE: 1-1/2"=1'-0"

- NOTES:**
 1. PIPE HANGERS SHALL BE MOUNTED AS HIGH AS POSSIBLE WITHIN THE PROPOSED BEAM.

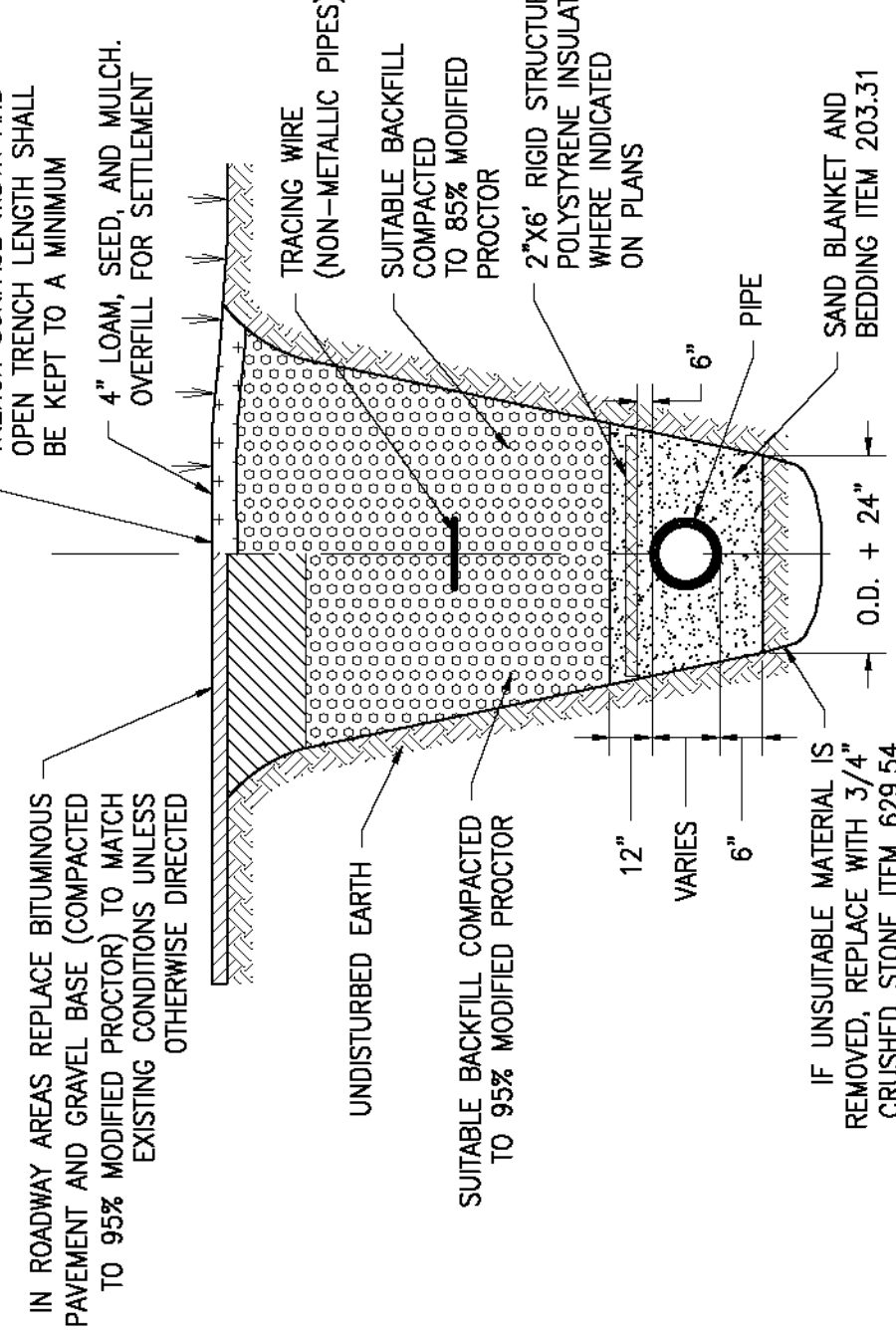
MINIMUM BEARING SURFACES

PIPE DIA.	TEE	HYD.	90° BEND	45° BEND	END CAP
10"	14	-	17	10	14
8"	8	-	14	7	8
6"	5	6	6	4	5
4"	2	-	3	2	2
2"	1	-	1	1	1

- NOTES:**
 1. THRUST BLOCKS SHALL BE PROVIDED AT ALL WATERLINE TEES, HYDRANTS, 90° AND 45° BENDS, REDUCERS, AND END CAPS.
 2. ALL THRUST BLOCKS SHALL BE CLASS "B" CONCRETE. SEE SECTION 541
 3. CONCRETE SHALL BE PLACED SO AS NOT TO HAMPER THE FUTURE REMOVAL OF A FITTING.
 4. ALL FITTINGS ARE TO BE WRAPPED WITH POLYETHYLENE.
 5. THIS WORK WILL BE CONSIDERED INCIDENTAL TO ITEM 629.24 DUCTILE IRON PIPE, CEMENT LINED (8")

TYPICAL THRUST BLOCK DETAILS

SCALE: NONE



TYPICAL WATERLINE TRENCH DETAIL

SCALE: NONE

- NOTES:**
 1. NO MECHANICAL TAMPERS SHALL BE USED DIRECTLY OVER PIPE TO INSURE PIPE IS NOT DAMAGED.
 2. COMPACTION OF BACKFILL SHALL MEET A MINIMUM 95% STANDARD PROCTOR.
 3. BEDDING TO PROVIDE A FIRM, STABLE, CONTINUOUS AND UNIFORM SUPPORT FOR THE FULL LENGTH OF PIPE.

