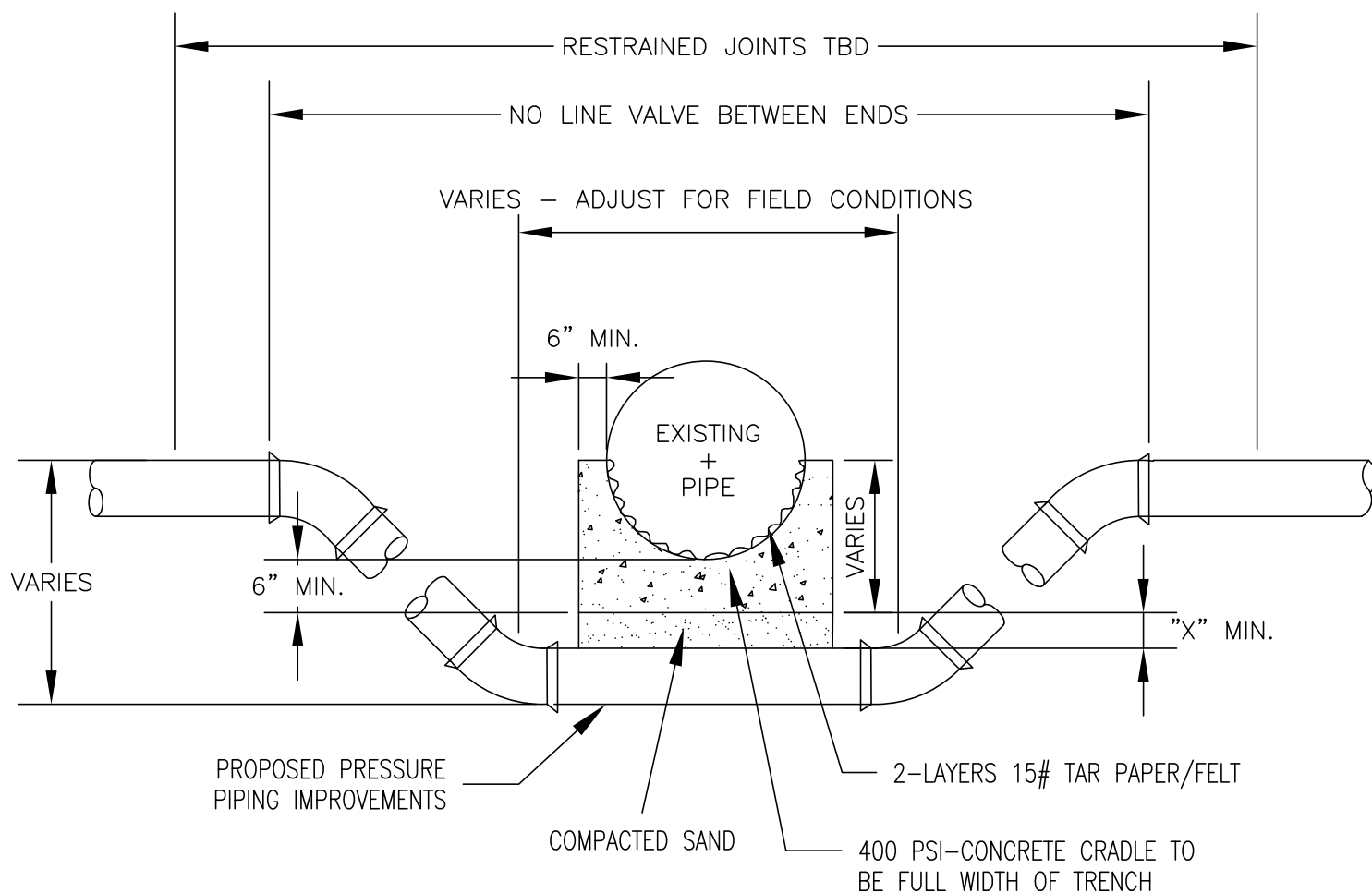




"X" DIMENSION REQUIREMENTS

1. 6" MIN. FOR (GAS & PHONE/CABLE LINE CROSSINGS W/NO CRADLE NEEDED).
2. 18" MIN. FOR STORM SEWER PIPE.

CONCRETE CRADLE CONDITIONS

1. IF SANITARY OR STORM SEWER PIPE JOINT IS WITHIN PROPOSED IMPROVEMENT TRENCH LIMITS, CRADLE REQUIREMENTS APPLY.
2. IF CROSSING SPACE IS LESS THAN MIN. SPACE OF CRADLE BELOW PIPE BOTTOM, THEN OMIT SAND FILL AND USE CONCRETE.

NOTE:

1. USE OF BENDS & RESTRAINED JOINTS OR JOINT DEFLECTION TO BE DETERMINED IN FIELD FOR EACH CROSSING

NO SCALE

APR'D 08/23

REVISION	DATE	BY

STARK COUNTY
SANITARY ENGINEERING DEPT.

DETAIL DWG.NO. 33
ITEM NO. N/A

WATER MAIN LOWERING