



- ## NOTES
- Storm sewers, water mains, and underground utilities are shown in their relative position and for information only. Their exact location shall be checked at the site before construction begins.
 - Contractor shall restore lawns, driveways, walks, walls, curbs, fences, etc. as a condition at least as good as they were before being disturbed.
 - Box all trees and house all shrubs and hedges before placing earth against or near them. Shrubs and hedges which must be removed during construction shall be heeled in and replanted in a good condition as they were before their removal. Any damaged trees, shrubs, and/or hedges shall be replaced at the contractor's expense.
 - Posts, mailboxes, etc. shall be protected, or removed and replaced exactly as they were before being disturbed. Damaged items shall be replaced at the contractor's expense.
 - No work, storage, or trespass shall be permitted beyond the boundaries of the easement as shown and staked.
 - Sewer mains in relation to water mains: where possible, sewers shall be laid at least 10 (ten) feet horizontally from any existing or proposed water main. Vertical separation shall be maintained to provide 18 (eighteen) inches between top of sewer and bottom of water main. Vertical clearance shall be maintained by installing the proper vertical separation pressure pipe shall be used 10 (ten) feet on each side of the water main being installed.

SITE LOCATION MAP
NO SCALE



| <u>ITEM</u> | <u>CARRIER PIPE</u> | <u>CASING PIPE</u> |
|---|------------------------|---|
| CONTENTS | WATER | CARRIER PIPE |
| NORMAL OPERATING PRESSURE | 65 PSI | NONE |
| NOMINAL SIZE OF PIPE | 8" | 18" |
| OUTSIDE DIAMETER | 9.05" | 18.00" |
| INSIDE DIAMETER | 8.15" | 17.312" |
| WALL THICKNESS | 0.45" | 0.344" |
| WEIGHT PER FOOT | 39.2 LB. | 64.87 LB. |
| MATERIAL | DUCTILE IRON | STEEL |
| PROCESS OF MANUFACTURE | CENTRIFUGALLY CAST | WELDED |
| SPECIFICATION | AWWA C150-81 & C151-81 | ASTM A252-80 |
| GRADE OR CLASS | CLASS 56 | GRADE 2 |
| TEST PRESSURE | 150 PSI (FIELD) | N/A |
| TYPE OF JOINT | PUSH-ON | WELDED |
| TYPE OF COATING | BITUMINOUS | NONE |
| DETAILS OF CATHODIC PROTECTION | NONE | NONE |
| DETAILS OF SEAL OR PROTECTION AT ENDS OF CASING | N/A | BLOCKED UP WITH BRICK & MORTAR WITH DRAINAGE HOLE |
| METHOD OF INSTALLATION | PUSHED THRU | BORED OR JACKED |

BORING DETAIL
8- INCH WATER MAIN CROSSING
DELAWARE and HUDSON RAILWAY TRACKS

| | |
|-------------------|------------------------|
| TOWN OF BETHLEHEM | COUNTY OF ALBANY |
| SCALE AS NOTED | DATE FEBRUARY 26, 1985 |

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| LIC. NO. P.E. 57084 | DWG. NO. 85-74 |
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NOV 22 1985 SHEET 6 OF 6 X-25