

FINAL APPROVAL BY DURHAM PLANNING BOARD.  
CERTIFIED BY MICHAEL BEHRENDT, TOWN PLANNER

DATE	MICHAEL BEHRENDT
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FINISHED GRADE  
 ORDINARY OR GRANULAR BACKFILL PLACED & COMPACTED, 8" MAX LIFTS, 6" MAX. WHEN INSTALLED IN ROADWAY WHEN DEPTH EXCEEDS 5'-0"  
 EXCAVATION SUPPORT SYSTEM AS REQUIRED  
 SAND BLANKET, COMPACTED, 8" MAX LIFTS, 6" MAX WHEN INSTALLED IN ROADWAY  
 LIMITS FOR NORMAL EXCAVATION UNDISTURBED FRENCH BOTTOM, EXCAVATE BELL HOLES BY HAND, 6" LIFTS WHEN INSTALLED IN A ROADWAY, OBJECTS SHALL REMAIN IN PLACE UP TO MAXIMUM DRY DENSITY.  
 SAND COMPACTED IN 8" LIFTS.  
 UNDISTURBED MATERIAL  
 SEE PAVEMENT OR LANDSCAPE DETAIL  
 12" MIN.  
 6" MIN.  
 12" MIN.  
 EARTH  
 LEDGE  
 DUCTILE IRON CEMENT LINED CESS WATER MAIN INSTALL WATER MAIN SO THAT IT IS SUPPORTED FOR ENTIRE LENGTH.  
 5'-0" MIN. COVER

NOT TO SCALE

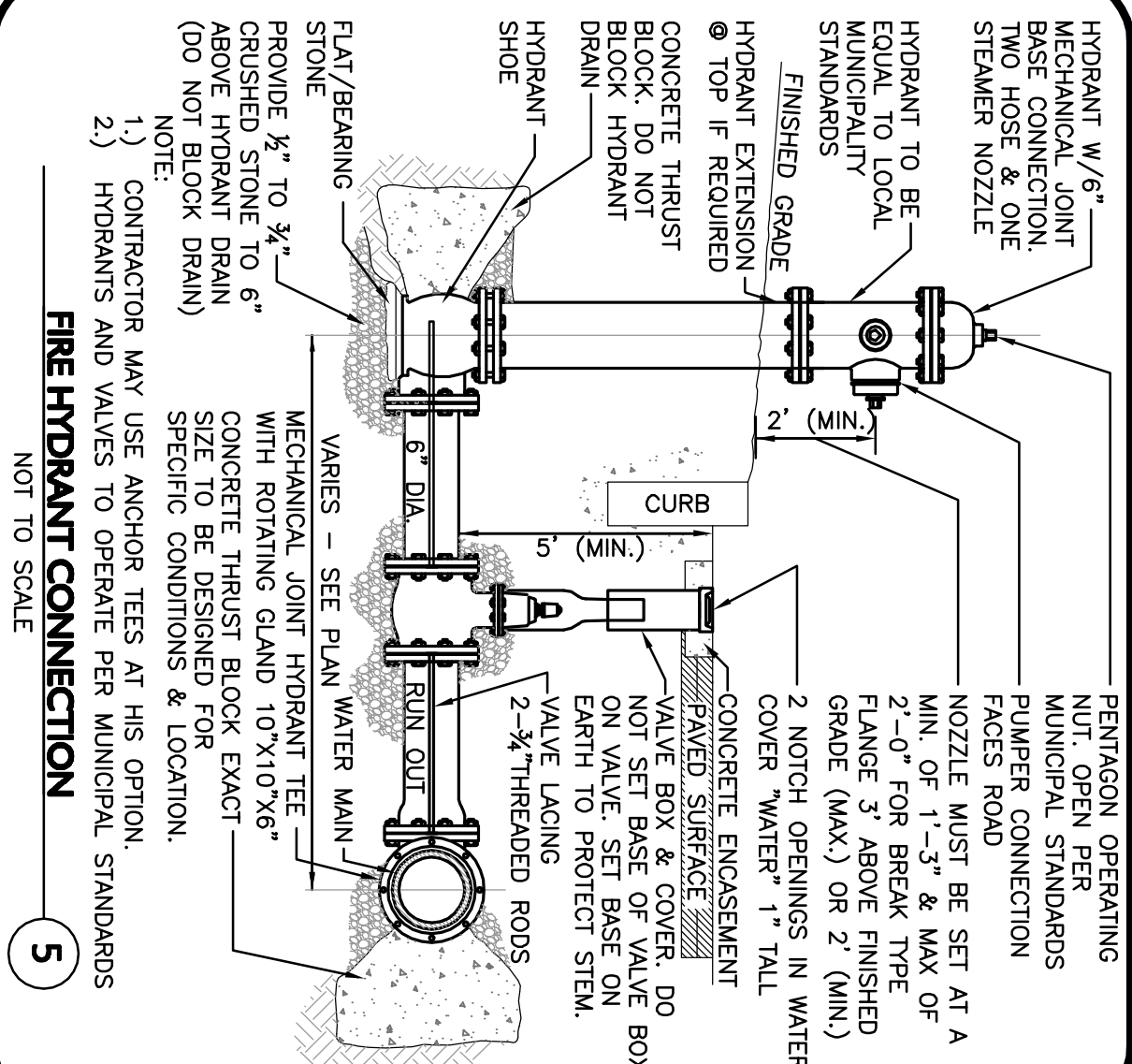


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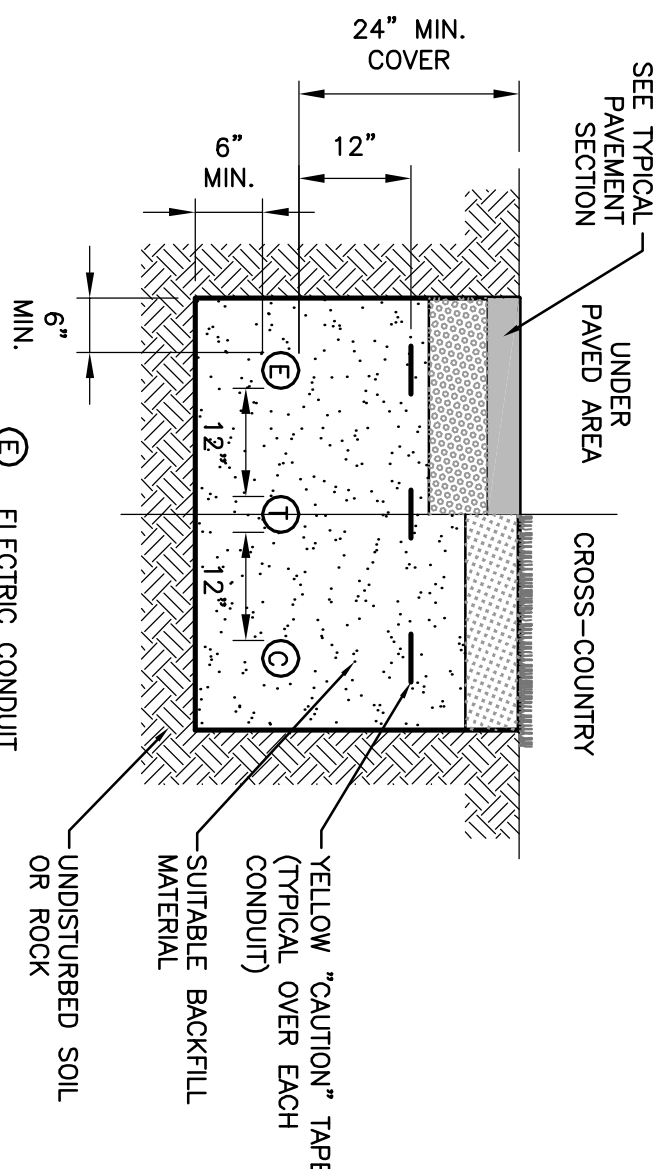
Diagram illustrating two methods for tapping an existing water main:

- Left Method (Socket Clamp):** Shows a proposed water main being connected to an existing water main using socket clamps and tie rods. A valve box or valve indicator is shown as required.
- Right Method (Mechanical Joint):** Shows a proposed water main being connected to an existing water main using a mechanical joint/push-on tapping valve.

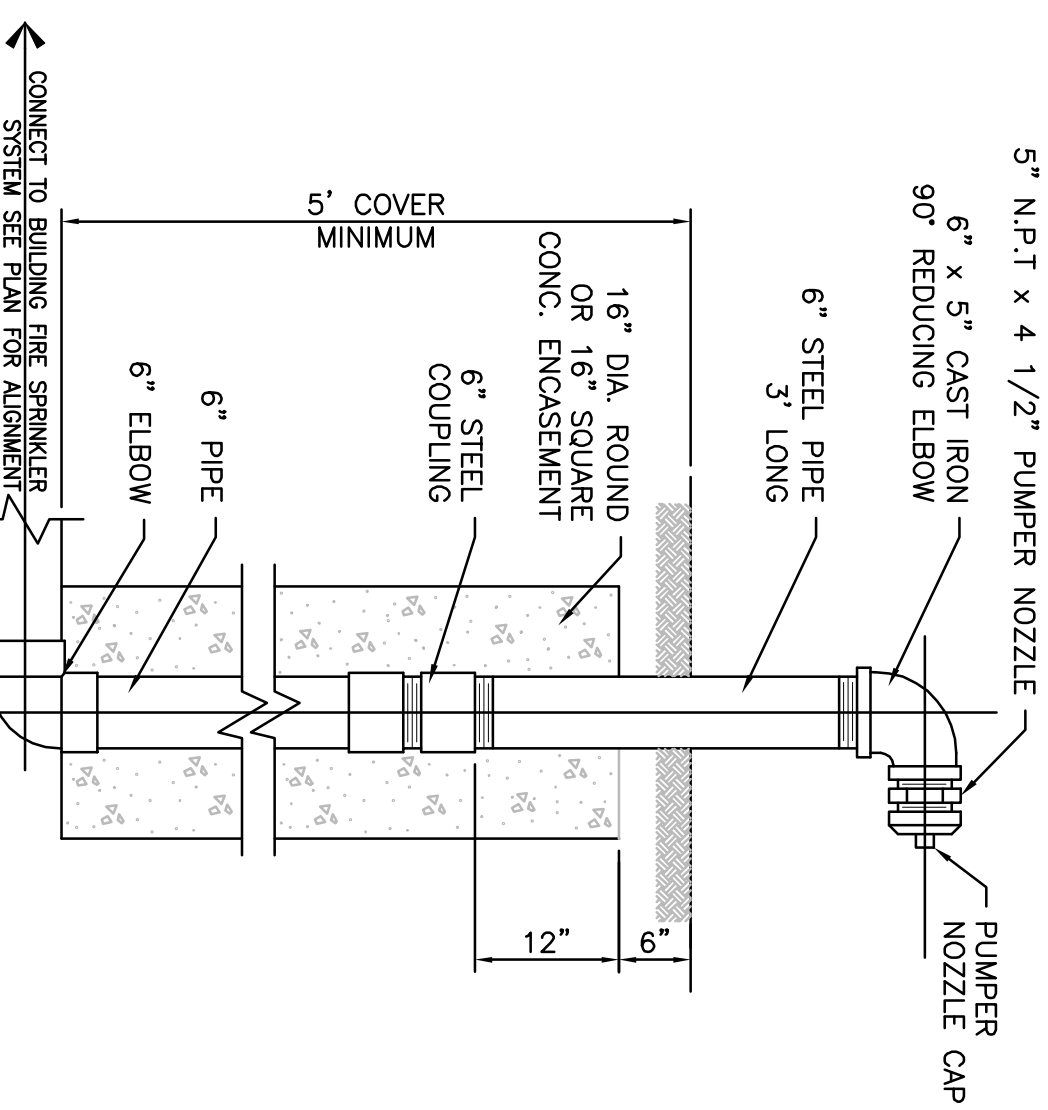
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ORION UNH LLC  
225 FRANKLIN STREET, 26TH FLOOR  
BOSTON, MA 02110

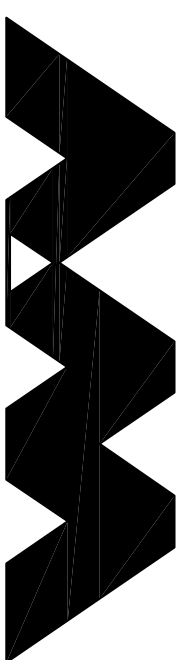
**PROJECT:**

ORION  
STUDENT HOUSING  
25/35 MAIN STREET  
DURHAM, NEW HAMPSHIRE

PROJECT NO.	1925-01	DATE:	06-09-14
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SCALE: AS SHOWN DWG. NAME: C - DETAIL

PREPARED BY:



**ALLEN & MAJOR  
ASSOCIATES, INC.**

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w w w . a l l e n m a j o r . c o m

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DRAWING TITLE:	SHEET NO.
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