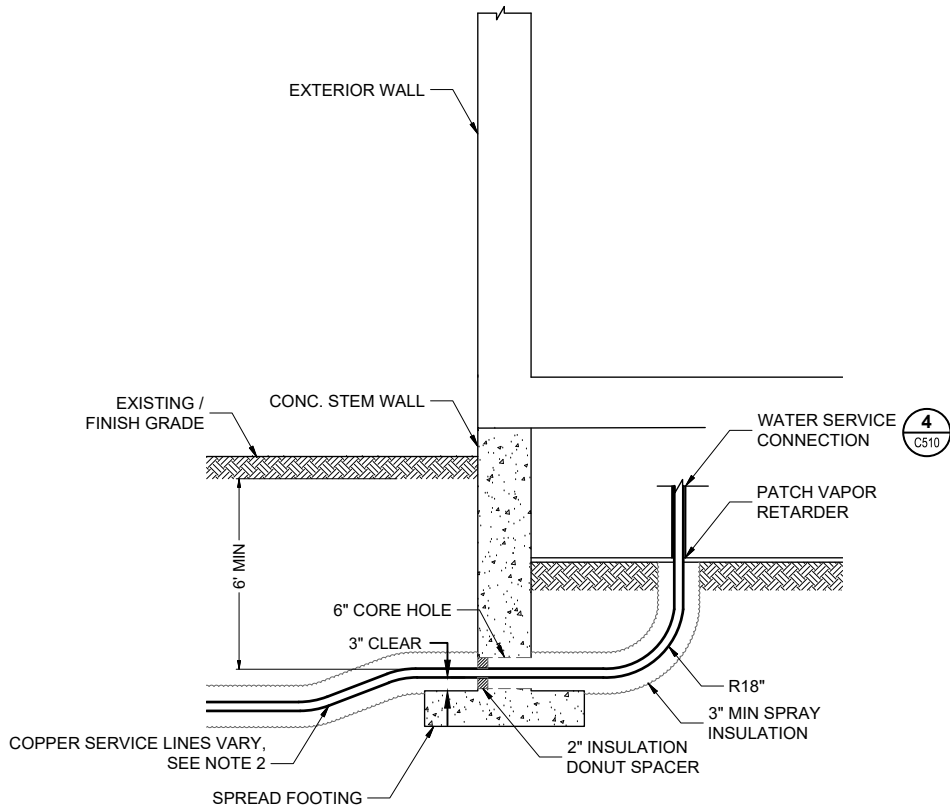
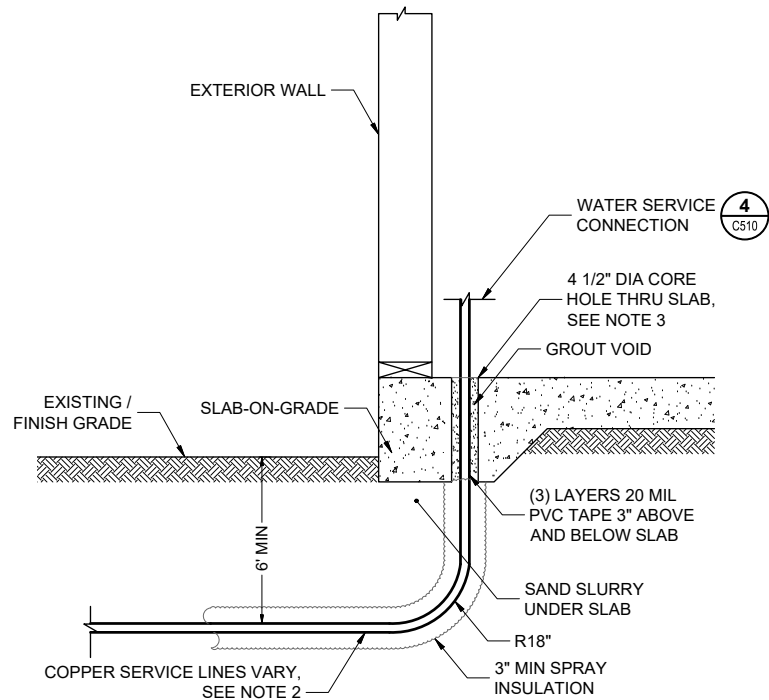


1" IF THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION. AFFECTING ALL LABELED SCALES

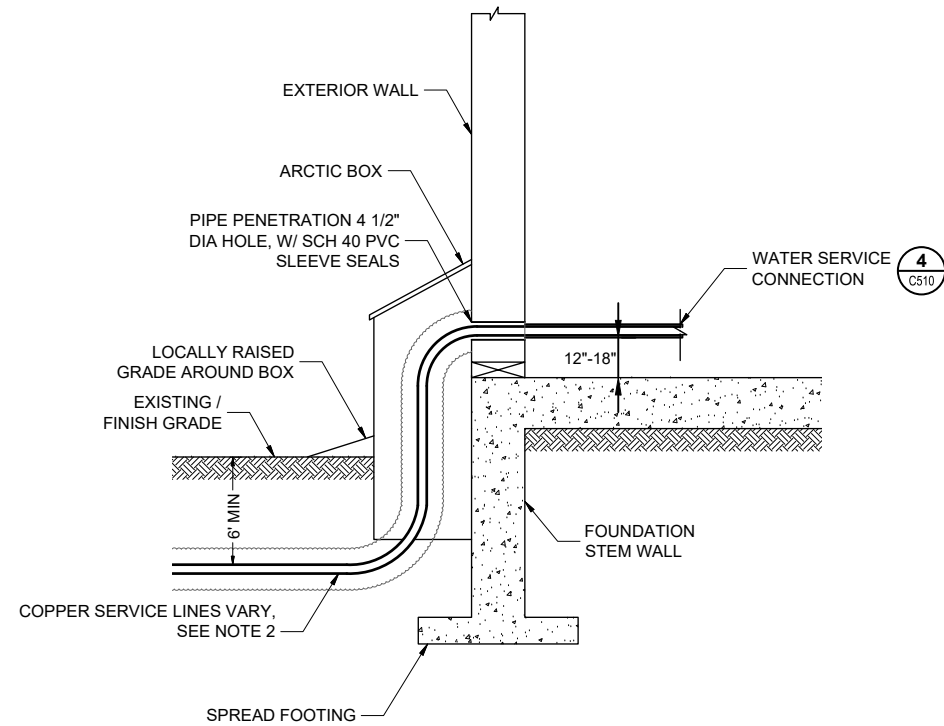
N:\Projects\10297.24002\DWG_Export_Wtr_Extr\OLD\250505m00d_Original Drawings\10297.24002\C-DETAILS: C-510 Jul 28, 2025 2:01 PM



1 **DETAIL: SERVICE INSTALLATION - TYPE A**
C-510 SCALE: N.T.S



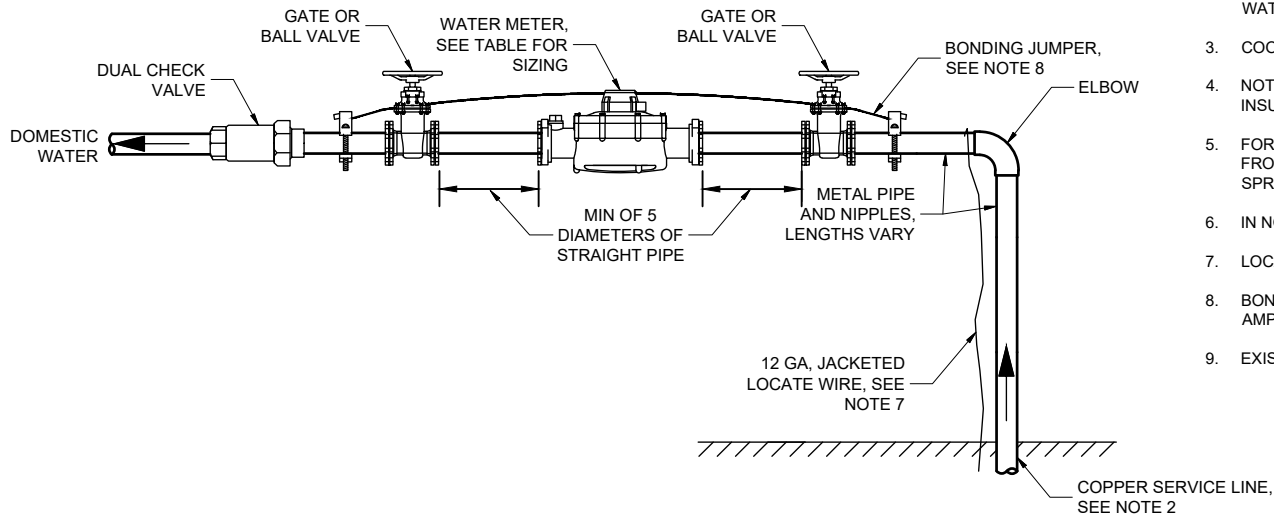
2 **DETAIL: SERVICE INSTALLATION - TYPE B**
C-510 SCALE: N.T.S



3 **DETAIL: SERVICE INSTALLATION - TYPE C**
C-510 SCALE: N.T.S

RECORDALL DISC METER SCHEDULE			
MODEL	SIZE	OPERATING FLOW RATE	REGISTER MODEL
55	1"	1 - 55 GPM	
70	1"	1.25 - 70 GPM	
120	1-1/2"	2.5 - 120 GPM	
170	2"	2.5- 170 GPM	

4 **DETAIL: RESIDENTAL CUSTOMER LINE WATER SERVICE CONNECTION**
C-510 SCALE: N.T.S



NOTES:

- LIMIT EXCAVATION WIDTH TO 12" WITHIN FOUNDATION FOOTPRINT.
- REFER TO WATER SERVICE SCHEDULE ON SHEET C701 FOR SPECIFIC SERVICE SIZES. SERVICE TREES MUST BE INSTALLED WITHIN CONDITIONED SPACE OF THE STRUCTURES. THE WATER SERVICE DEMARCATION POINT SHALL BE DOWNSTREAM OF THE SERVICE TREE AND DUEL CHECK VALVE, AT THE STRUCTURE'S PRIMARY DOMESTIC WATER SUPPLY POINT.
- COORDINATE PENETRATIONS WITH IN-SLAB HEAT TUBING IF PRESENT.
- NOTIFY AND ALLOW ENGINEER TIME FOR INSPECTION OF SERVICE CONNECTIONS PRIOR TO GROUTING AND INSULATION.
- FOR WATER SERVICE INSTALLATIONS WHERE LINES ARE TO BE INSTALLED ABOVE GRADE, INSULATE SERVICE LINES FROM 4 INCHES BELOW GRADE TO THE HEATED STRUCTURE THEY SERVICE WITH NO LESS THAN 8 INCHES OF SPRAYED URETHANE INSULATION.
- IN NO CASE SHALL URETHANE INSULATION BE EXPOSED TO UV LIGHT UPON FINAL INSTALLATION.
- LOCATE WIRE OPTIONAL FOR COPPER SERVICE LINES.
- BONDING JUMPER MUST MATCH ELECTRICAL COLD WATER GROUND WIRE. (EXAMPLE: NO. 4 WIRE FOR UP TO 200 AMP SERVICE.) BONDING JUMPER CLAMP MUST BE COMPATIBLE WITH COPPER PIPE.
- EXISTING WELL SUPPLY LINES SHALL BE CUT AND CAPPED PRIOR TO CONNECTING TO THE CBY WATER SYSTEM.

CONSULTANT :

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PROJECT :

CITY & BOROUGH OF YAKUTAT
WATER SYSTEM EXTENSION

YAKUTAT, ALASKA

SHEET TITLE :

WATER METER AND SERVICE
INSTALLATION DETAILS

DESIGN AMN
DRAWN HRB
CHECKED KAB
DATE 07-31-2025

PROJECT No.
10297.24002
SHEET NUMBER

C-510