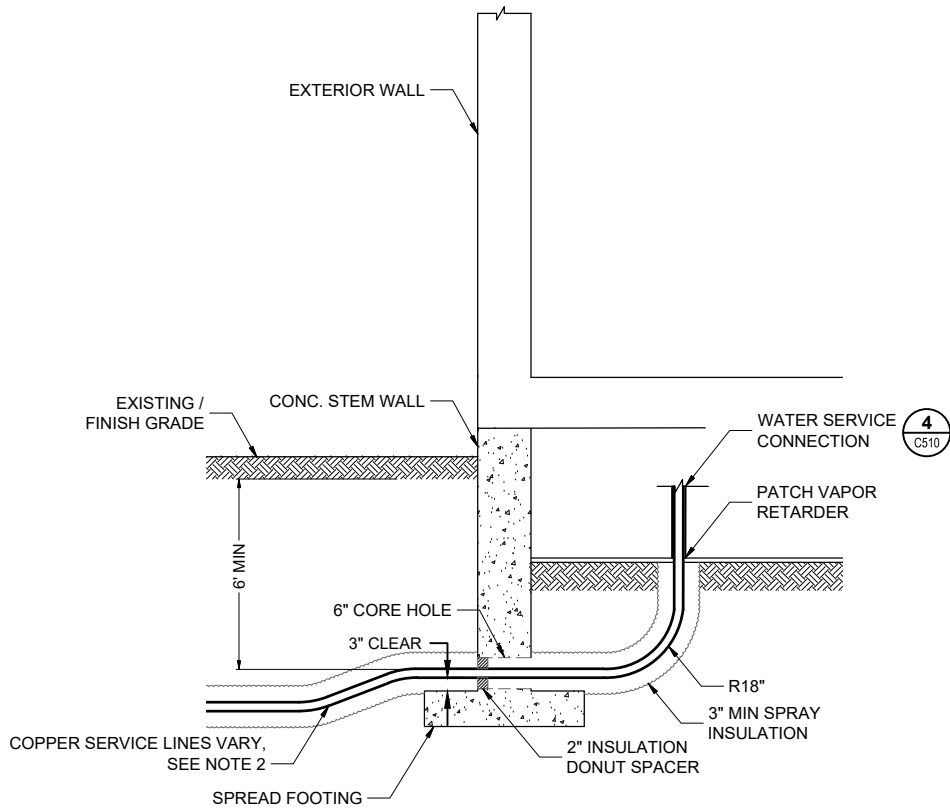
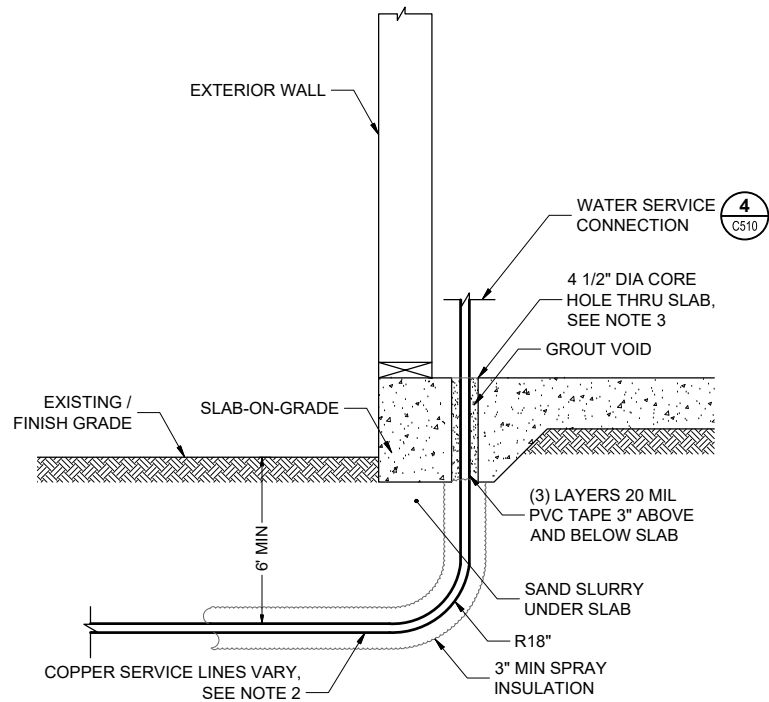


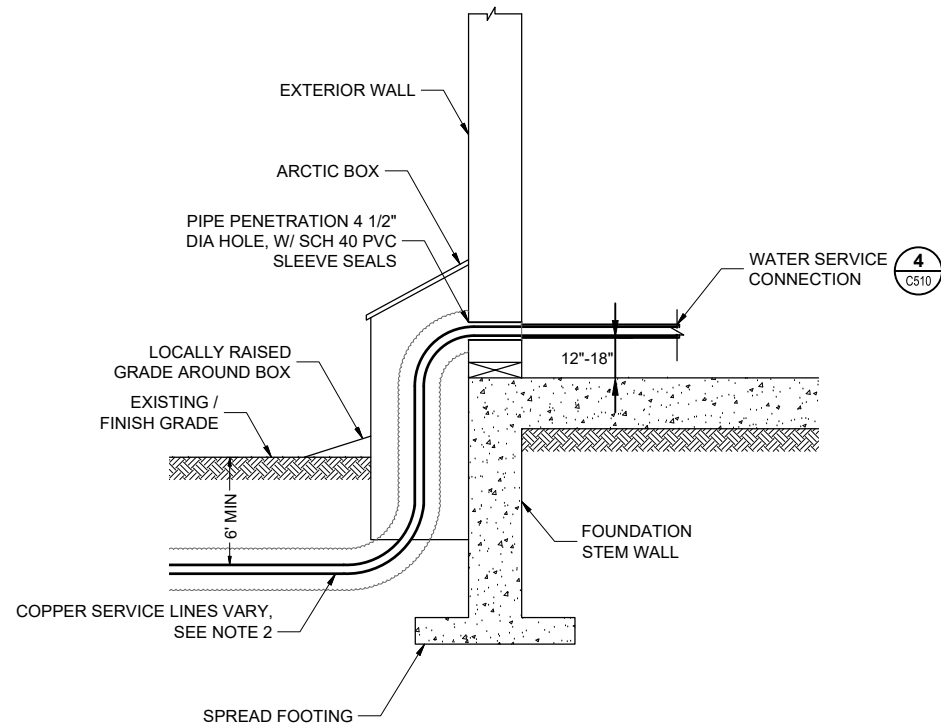
1" IF THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING IT'S PRODUCTION, AFFECTING ALL LABELED SCALES



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



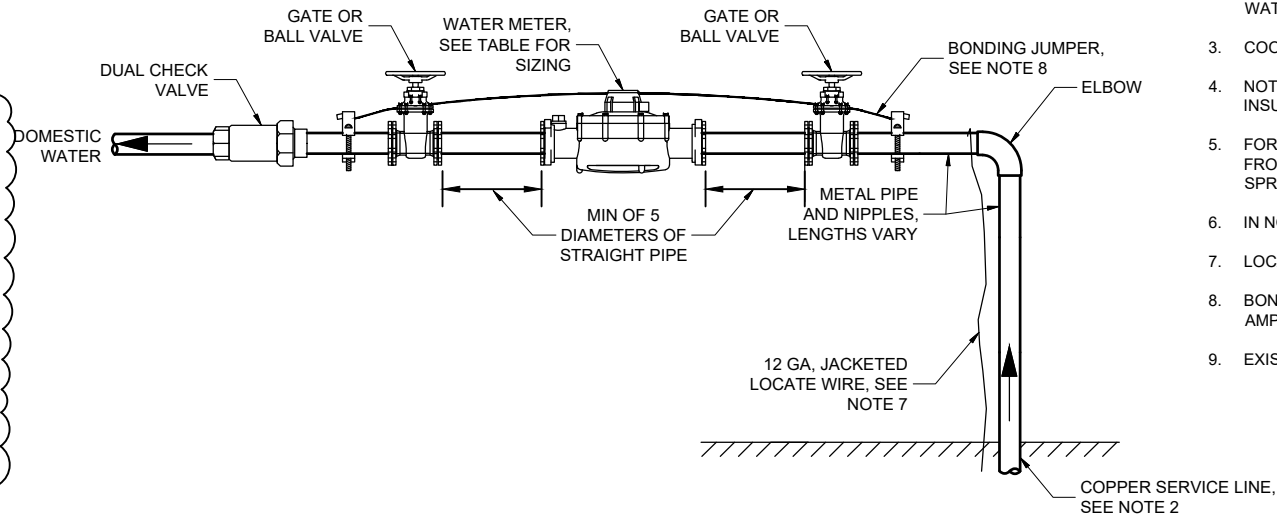
2
C-510
SCALE: N.T.S.
DETAIL: SERVICE INSTALLATION - TYPE B



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

RECORDALL 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	
450	3"	4 - 450 GPM	

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



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 :

Karen Ann Brady
No. 24002
CE 11523
REGISTERED PROFESSIONAL ENGINEER

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	04-16-2025

PROJECT No. 10297.24002	
SHEET NUMBER C-510	

No.	Date	Item
REVISIONS		