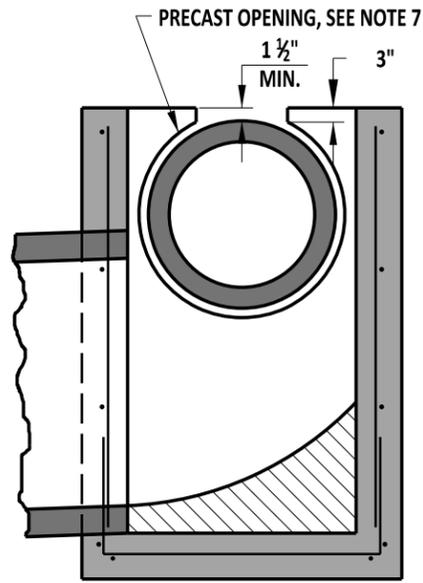


SECTION A-A



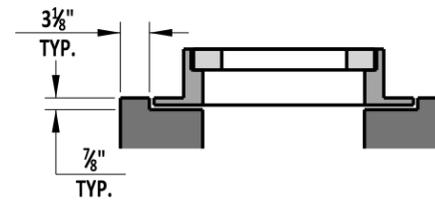
OPTIONAL PIPE OPENING DETAIL

SEE NOTE 5

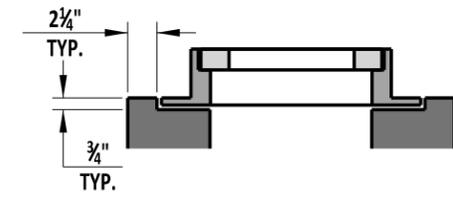
INLET BOX SCHEDULE		
L	W	FABRICATION TOLERANCE
17 5/8"	11 5/8"	+1"
24"	24"	+1"
34"	18"	-1"
34"	24"	-1"
48"	30"	+6"
48"	48"	+6"
66"	30"	+6"
66"	48"	+6"
66"	66"	+6"
72"	24"	-1"
72"	48"	-1"
72"	72"	-1"

* - THESE SIZES ARE TO BE USED FOR LAWN INLETS AND ARE NOT INTENDED TO BE USED IN THE TRAVELWAY. THE MAX DEPTH FOR THESE INLETS IS 4'. SEE NOTE 8 FOR REINFORCEMENT.
 ** - MAX DEPTH IS 4' FOR THIS DRAINAGE INLET.

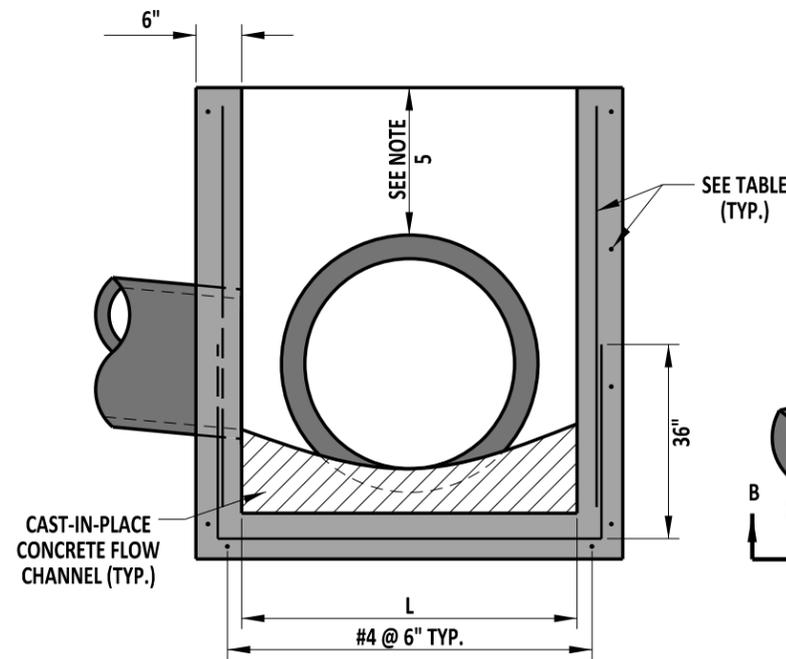
WALL REINFORCEMENT SCHEDULE		
INTERIOR WALL DIMENSION	AREA OF HORIZONTAL REINFORCEMENT PER FOOT	AREA OF VERTICAL REINFORCEMENT PER FOOT
	IN ²	IN ²
LESS THAN 4'	0.132	0.132
≥ 4'	0.163	0.132
≥ 4.5'	0.198	0.132
≥ 5'	0.239	0.132
≥ 5.5'	0.284	0.132



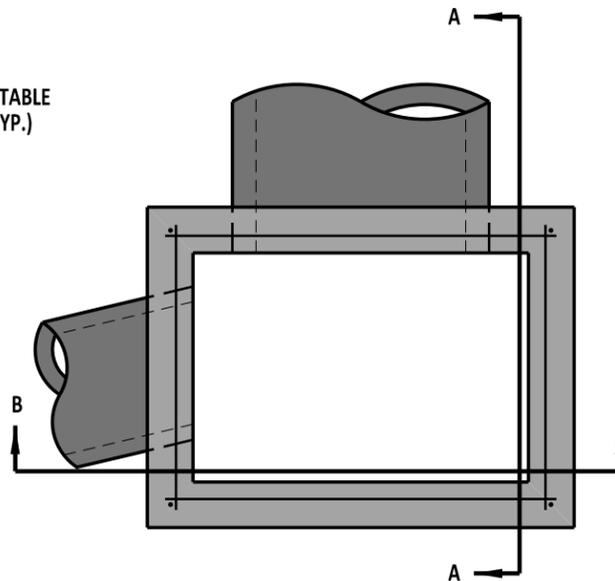
24" X 24" LAWN INLET BOX DETAIL



17 5/8" X 11 5/8" LAWN INLET BOX DETAIL



SECTION B-B



TOP VIEW

NOTES:

- 1). PROVIDE PRECAST OR CAST-IN-PLACE INLET BOXES IN ACCORDANCE WITH SECTION 602 .
- 2). DO NOT INSTALL PIPES THROUGH ANY CORNER OF THE INLET BOX.
- 3). RISER SECTIONS MAY BE USED FOR DEEP INLET BOXES.
- 4). PIPES MAY BE INSTALLED NEAR OR THROUGH JOINTS FOR RISER SECTIONS.
- 5). WHEN THE COVER ABOVE THE PIPE IS LESS THAN 4" TO THE COVER SLAB OR TOP UNIT OPENING, THE PORTION OF BOX WALL ABOVE THE PIPE MAY BE REMOVED AS SHOWN IN THE OPTIONAL PIPE OPENING DETAIL. FORM AND FILL THE AREA ABOVE THE PIPE WITH HIGH-STRENGTH, NON-SHRINK GROUT MIXED WITH COARSE AGGREGATE IN A 1:1 RATIO BY WEIGHT.
- 6). ENSURE POSITIVE FLOW WHEN CONSTRUCTING THE FLOW CHANNEL.
- 7). WHEN INLET BOX IS PRECAST, PROVIDE A PIPE OPENING DIAMETER BETWEEN 3" AND 4" LARGER THAN OUTSIDE DIAMETER OF PIPE.
- 8). USE 4" X 4" , W4 X W4 WELDED WIRE AS REINFORCEMENT FOR LAWN INLET BOXES.
- 9). EXTEND PIPE TO BE FLUSH WITH THE INSIDE WALL OF THE INLET BOX IN ACCORDANCE WITH SECTION 602.3.B OF THE STANDARD SPECIFICATIONS.
- 10). PIPE SHALL NOT ENCR OACH ON ADJACENT WALL.
- 11). INSTALL STEPS IN ACCORDANCE WITH SECTION 602.3.B WHEN INLETS ARE 4' OR DEEPER FROM THE TOP OF GRATE TO THE INVERT OF THE LOWEST PIPE.



ENGINEERING SUPPORT
 RECOMMENDED
 DATE 09/01/2020

INLET BOX
 STANDARD NO. D-4 (2020)
 SHT. 1 OF 1

REVIEWED
 DEPUTY DIRECTOR - DESIGN
 DATE 09/01/2020
 APPROVED
 CHIEF ENGINEER
 DATE 09/01/2020