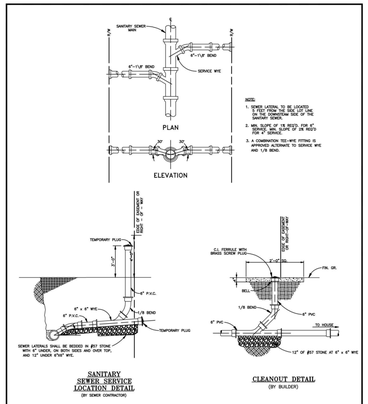
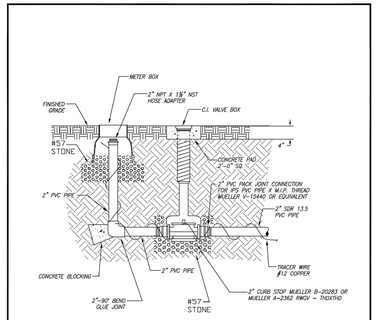


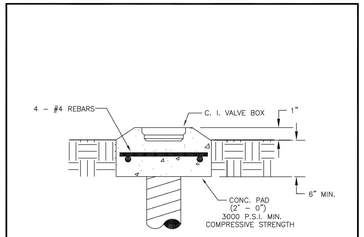
SEWER SERVICE LATERAL

Etowah Water & Sewer Authority "Excellence in every drop"	ETOWAH WATER & SEWER AUTHORITY	STANDARD NO. 730
		DATE: JUNE 21
		SCALE: NONE



TYPICAL BLOW-OFF DETAIL

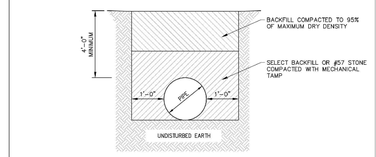
Etowah Water & Sewer Authority "Excellence in every drop"	ETOWAH WATER & SEWER AUTHORITY	STANDARD NO. 747
		DATE: JUNE 21
		SCALE: NONE



NOTE:
1. IF PRECAST CONCRETE PAD IS FURNISHED, CONTRACTOR SHALL INSTALL APPROVED GROUT BETWEEN VALVE BOX AND PAD.

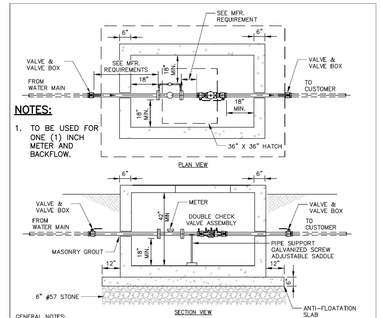
TYPICAL VALVE BOX PAD DETAIL

Etowah Water & Sewer Authority "Excellence in every drop"	ETOWAH WATER & SEWER AUTHORITY	STANDARD NO. 748
		DATE: MAY 20
		SCALE: NONE



NOTE:
1. UNSUITABLE SOILS ENCOUNTED IN BOTTOM OF EXCAVATED TRENCH SHALL BE EXCAVATED & REPLACED WITH #57 STONE.
2. ONLY SUITABLE SOIL SHALL BE USED AS BACKFILL.

CITY OF DAWSONVILLE	
DETAIL TITLE	DETAIL NO.
TYPICAL DUCTILE IRON WATER PIPE BEDDING	9.1

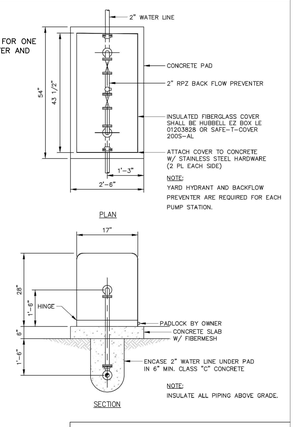


NOTES:
1. TO BE USED FOR ONE (1) INCH METER AND BACKFLOW.

GENERAL NOTES:
1. LOCATION OF PIT SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
2. ALL PIPING SHALL HAVE 18" OF CLEARANCE ON ALL SIDES.
3. CONTRACTOR SHALL SUPPORT ALL PIPING INSIDE PIT AS REQUIRED (2 PLACES).
4. CONTRACTOR MAY USE PRECAST CONCRETE OR POLYMER REINFORCED CONCRETE VAULT IN LIEU OF CAST IN PLACE VAULT.
5. IF POLYMER REINFORCED CONCRETE VAULTS ARE USED, THEY SHALL BE ANSI TIER 22 RATED AND HAVE ADEQUATE PROTECTION AGAINST BUOYANCY.
6. CONTRACTOR MAY INSTALL METER AND BACKFLOW PREVENTER IN TWO SEPARATE VAULTS.
7. ALL EXCAVATION INCLUDING TRENCHING, BORE PITS, ETC., SHALL BE BACKFILLED AT THE END OF EACH WORK DAY.
8. STRAIGHT PIPE REQUIREMENTS UPSTREAM AND DOWNSTREAM OF METER SHALL BE AS SPECIFIED BY THE METER MANUFACTURER.
9. VAULT SHALL HAVE 12" ø DRAIN.

CITY OF DAWSONVILLE	
DETAIL TITLE	DETAIL NO.
2" METER	12.1

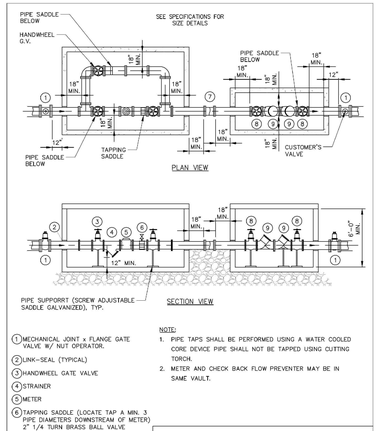
NOTES:
1. TO BE USED FOR ONE (1) INCH METER AND BACKFLOW.



NOTE:
YARD HYDRANT AND BACKFLOW PREVENTER ARE REQUIRED FOR EACH PUMP STATION.

NOTE:
INSULATE ALL PIPING ABOVE GRADE.

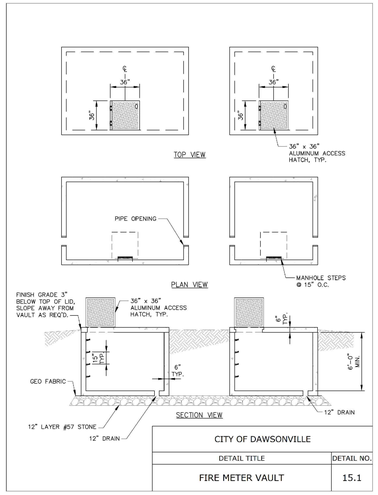
CITY OF DAWSONVILLE	
DETAIL TITLE	DETAIL NO.
2" RPZ BACK FLOW PREVENTER DETAIL	12.2



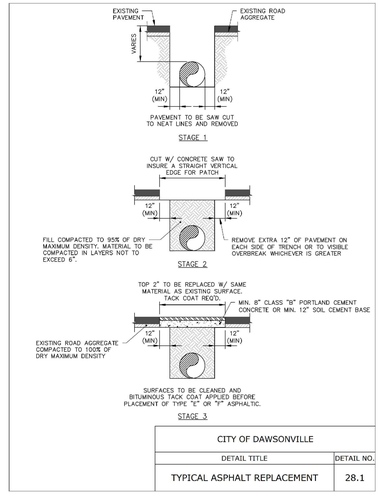
NOTE:
1. PIPE TAPS SHALL BE PERFORMED USING A WATER COOLED CORE DEVICE PIPE SHALL NOT BE TAPPED USING CUTTING TORCH.
2. METER AND CHECK BACK FLOW PREVENTER MAY BE IN SAME VAULT.

1. MECHANICAL JOINT x FLANGE GATE VALVE W/ NUT OPERATOR.
2. LINK-SEAL (TYPICAL)
3. HANDWHEEL GATE VALVE
4. STRAINER
5. METER
6. TAPPING SADDLE (LOCATE TAP A MIN. 3 PIPE DIAMETERS DOWNSTREAM OF METER) 2" 1/4 TURN BRASS BALL VALVE
7. M.J. SLEEVE WITHE MEGA LUG
8. OS & Y GATE VALVES
9. DOUBLE CHECK VALVE ASSEMBLY (WATTS 757)

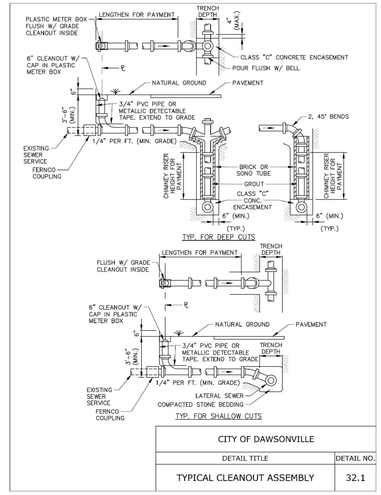
CITY OF DAWSONVILLE	
DETAIL TITLE	DETAIL NO.
FIRE METER	14.1



CITY OF DAWSONVILLE	
DETAIL TITLE	DETAIL NO.
FIRE METER VAULT	15.1



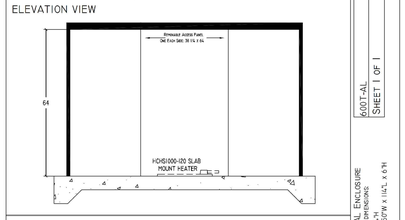
CITY OF DAWSONVILLE	
DETAIL TITLE	DETAIL NO.
TYPICAL ASPHALT REPLACEMENT	28.1



CITY OF DAWSONVILLE	
DETAIL TITLE	DETAIL NO.
TYPICAL CLEANOUT ASSEMBLY	32.1

ENCLOSURE MODEL: 600T-AL
JOB:
DRAWN BY: JM | SCALE: NONE | DATE: 08/08/20

SAFE-T-COVER — ENCLOSURES DESIGNED FOR THE WORLD'S WATER SYSTEMS™



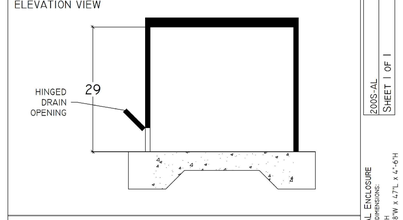
600T-AL | SHEET 1 OF 1

1. DRAWING NOT TO SCALE.
2. ALL DIMENSIONS ARE IN INCHES.
3. SIDE WALL AND ROOF THICKNESS IS 1-1/2".
4. ROOF AND INSULATION THICKNESS IS 3".
5. MODEL 600T-AL ENCLOSURE
6. ENCLOSURE INSIDE DIMENSIONS: 50"W X 108"L X 64"H
7. CONCRETE PAD IS 8'W x 11'L x 6"H

CONFIDENTIAL: THIS DRAWING IS INTENDED FOR USE ONLY BY THOSE AUTHORIZED TO RECEIVE IT. DISSEMINATION, DISTRIBUTION OR COPY OF THIS INFORMATION IS STRICTLY PROHIBITED. US PATENT 5,609,784

ENCLOSURE MODEL: 200S-AL
JOB:
DRAWN BY: KH | SCALE: NONE | DATE: 04/05/21

SAFE-T-COVER — ENCLOSURES DESIGNED FOR THE WORLD'S WATER SYSTEMS™



200S-AL | SHEET 1 OF 1

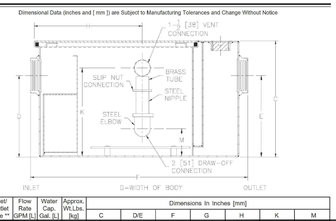
1. DRAWING NOT TO SCALE.
2. ALL DIMENSIONS ARE IN INCHES.
3. SIDE WALL AND ROOF THICKNESS IS 1-1/2".
4. ROOF AND INSULATION THICKNESS IS 3".
5. MODEL 200S-AL ENCLOSURE
6. ENCLOSURE INSIDE DIMENSIONS: 14"W X 25"L X 43"H
7. CONCRETE PAD IS 8'W x 4.7'L x 4"H

CONFIDENTIAL: THIS DRAWING IS INTENDED FOR USE ONLY BY THOSE AUTHORIZED TO RECEIVE IT. DISSEMINATION, DISTRIBUTION OR COPY OF THIS INFORMATION IS STRICTLY PROHIBITED. US PATENT 5,609,784

ZURN — Z1186 OILINTERCEPTOR

SPECIFICATION SHEET TAG _____

Dimensional Data (inches and [mm]) are Subject to Manufacturing Tolerances and Change Without Notice



Size	Inlet/ Outlet Size **	Flow Rate GPM [L/s]	Water Cap. Gal. [L]	Approx. Wt.Lbs. [kg]	Dimensions In Inches [mm] C	D/E	F	G	H	K	M
300	2 [51]	10 [38]	7 [26]	56 [25]	13-5/8 [346]	8-1/8 [206]	22-5/8 [575]	14 [356]	8-3/4 [222]	11 [279]	4-1/4 [108]
400	2 [51]	15 [57]	9 [34]	77 [35]	14 [356]	8-1/4 [210]	22-3/4 [578]	14-1/8 [359]	10-3/4 [273]	11 [279]	4-1/4 [111]
500	3 [76]	20 [76]	10 [38]	105 [48]	15-1/2 [394]	9-3/8 [238]	24-5/8 [625]	16-3/4 [425]	11-1/8 [340]	12-1/2 [318]	5-1/2 [140]
600	3 [76]	25 [94]	16 [60]	110 [53]	18-1/4 [464]	11-1/4 [286]	27-1/2 [699]	17-1/4 [438]	15-1/2 [394]	15-1/4 [387]	6-1/4 [159]
700	3 [76]	30 [130]	21 [79]	145 [66]	19-3/4 [500]	12-1/2 [318]	29-7/8 [759]	19-7/8 [505]	17-1/8 [435]	16-3/4 [425]	6-3/8 [162]
800	4 [102]	50 [189]	30 [113]	171 [78]	24-1/4 [616]	14-1/4 [362]	31-3/4 [806]	22-1/2 [572]	16-7/8 [429]	21-7/4 [541]	7-1/4 [200]

ENGINEERING SPECIFICATION (ZURN) Z1186
Acid Resistant Coated interior and exterior fabricated steel oil interceptor, bronze cleanout plug and visible double wall trap seal, removable combination pressure equalizing/flow diffusing baffle and sediment bucket, horizontal baffle, adjustable oil draw-off and vent connections either side, secured gasketed non-skid cover, complete with flow control fitting. Regularly furnished with inlet and outlet in high position.
Note: Location of outlet from bottom of interceptor cannot be changed.
OPTIONS (Check/specify appropriate options)

PREFIXES
_____ Z Acid Resistant Coated Fabricated Steel*

SUFFIXES
_____ -E Acid Resistant Coated Interior and exterior fabricated steel extension section. (Specify "C" Dim. required) for recessed installation.
_____ -HD Heavy duty traffic cover rated at 10,000 lbs. [4536] Kg. maximum safe live load. A 3 [76] minimum extension height is required when heavy-duty cover (-HD) option is specified. (Specify "C" Dim. height required.)
_____ -K Anchor flange 1-3/4 [44] down from top and 2 [51] wide. A 3 [76] minimum extension height is required when anchor flange (-K) option is specified. (Specify "C" Dim. height required.)
_____ -KC Anchor flange 1-3/4 [44] down from top and 2 [51] wide with clamp collar.

** Inlet and outlet sizes shown indicate standard operating sizes and flow control setting. Size #300 and #400 will have 3 [76] connections reduced to 2 [51] standard. Size #700 and #800 will have 4 [102] connections reduced to 3 [76] as standard.

* Regularly furnished unless otherwise specified.

Zurn Industries, LLC | Specification Drainage Operation
1801 Pittsburgh Avenue, Erie, PA U.S.A. 16502 · Ph. 855-663-8876, Fax 814-454-7929
In Canada | Zurn Industries Limited
3544 Nashua Drive, Mississauga, Ontario L4V 1L2 · Ph. 905-405-8072, Fax 905-405-1292
www.zurn.com

Rev. N
Date: 06/06/19
C.N. No. 141302
Prod. | Dwg. No. Z1186

McAdams
The John R. McAdams Company, Inc.
2905 Meridian Parkway
Durham, NC 27713

phone 919. 361. 5000
fax 919. 361. 2269
GA license number: PEF007872

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SOUTHLAKE, TX
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N3 REAL ESTATE®

STRICKLAND BROTHERS OIL CHANGE - DAWSONVILLE

SITE PLAN SUBMITTAL
HIGHWAY 53, NORTHWEST OF ITS INTERSECTION WITH CENTER LANE
DAWSONVILLE, GA 30534

GEORGIA REGISTERED PROFESSIONAL ENGINEER
No. 46827
STEPHEN A. J. MICALLEF
12.15.21

REVISIONS

NO.	DATE	DESCRIPTION
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-

PLAN INFORMATION

PROJECT NO.	NTR21002
FILENAME	NTR21002-CVR+DETAILS
CHECKED BY	LAM
DRAWN BY	AP
SCALE	N/A
DATE	12. 15. 2021

SHEET

CONSTRUCTION STANDARD DETAILS

C8.03

PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION

M:\Projects\NTR\NTR21002\04-Production\Engineering\Construction Documents\Current Drawings\NTR21002-CVR+DETAILS.dwg, 12/14/2021 2:44:32 PM, Lauren Micallef