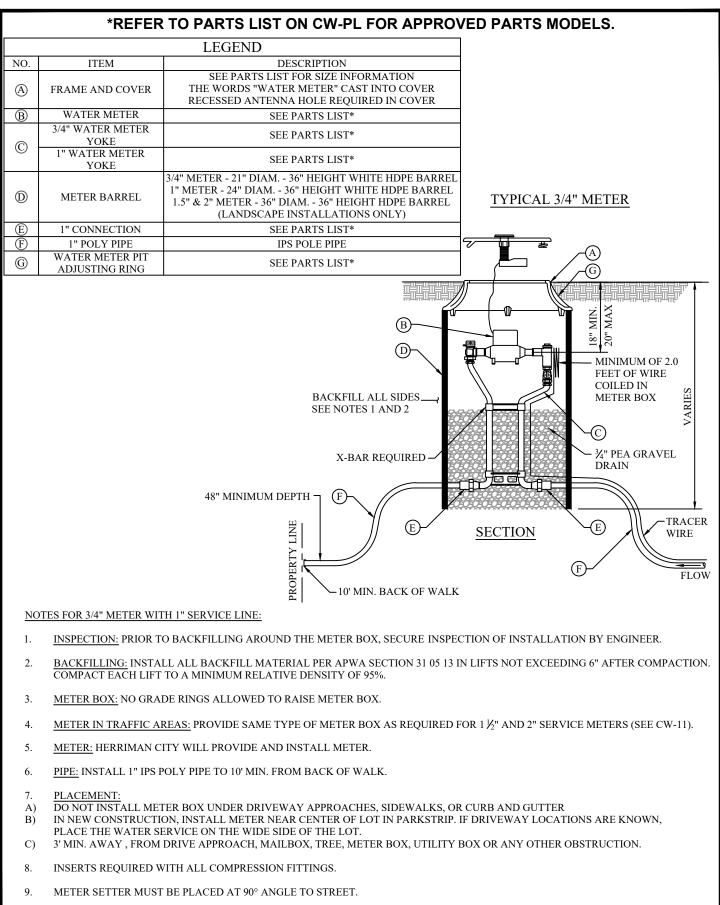


- 4. <u>PVC PIPE:</u> A SERVICE SADDLE CLAMP IS REQUIRED ON ALL PVC PIPE.
- 5. <u>TAPE:</u> TEFLON TAPE IS REQUIRED ON ALL TAPS.

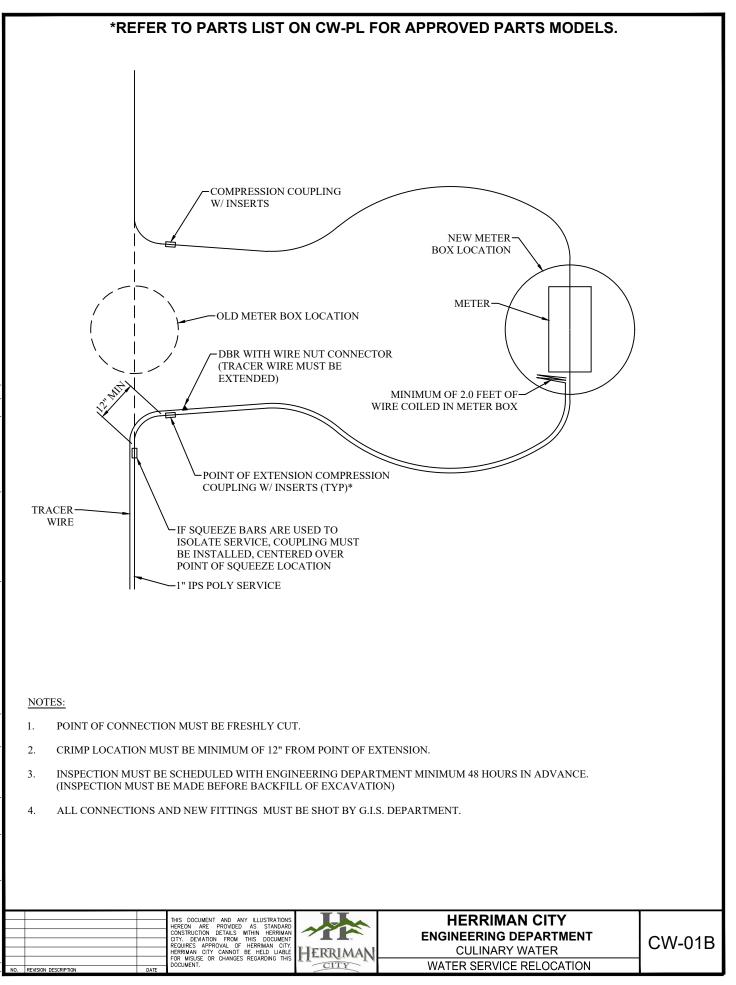
LEGEND					
NO.	ITEM	DESCR	IPTION		
A	1" POLY PIPE	IPS POI	LY PIPE		
₿	1" CORPORATION STOP	TYPE A SEE PARTS LIST*	TYPE B SEE PARTS LIST*		
©	SERVICE SADDLE CLAMP	SEE PARTS LIST*			
\square	WATER MAIN PIPE	(D.I., P.V.C.) *			
E	TRACER WIRE	TYPE K (SOFT)			

* DI PIPE MAY BE DIRECT TAPPED, IF DIRECT TAP USE CC THREADS

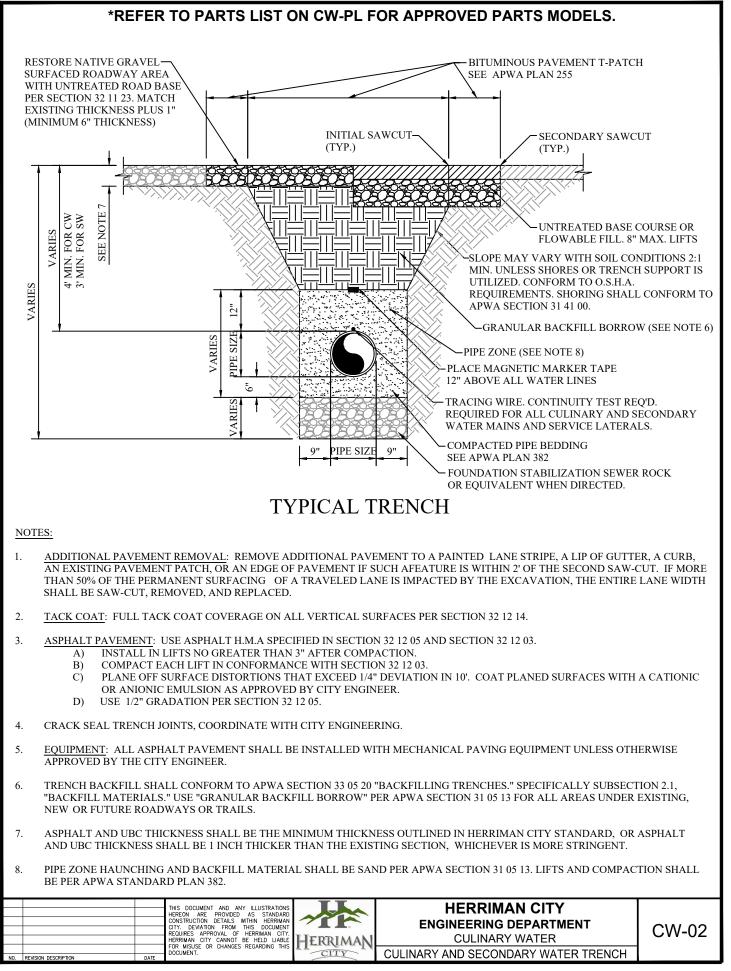
			THIS DOCUMENT AND ANY ILLUSTRATIONS HEREON ARE PROVIDED AS STANDARD	L	HERRIMAN CITY	
0.4			HEREON ARE PROVIDED AS STANDARD CONSTRUCTION DETAILS WITHIN HERRIMAN CITY. DEVIATION FROM THIS DOCUMENT		ENGINEERING DEPARTMENT	CW-01
			REQUIRES APPROVAL OF HERRIMAN CITY. HERRIMAN CITY CANNOT BE HELD LIABLE FOR MISUSE OR CHANGES REGARDING THIS	HERRIMAN	CULINARY WATER	000-01
13/.	NO. REVISION DESCRIPTION	DATE	FOR MISUSE OR CHANGES REGARDING THIS DOCUMENT.	CITY	3/4" AND 1" WATER METER W/ 1" WATER SERVICE	

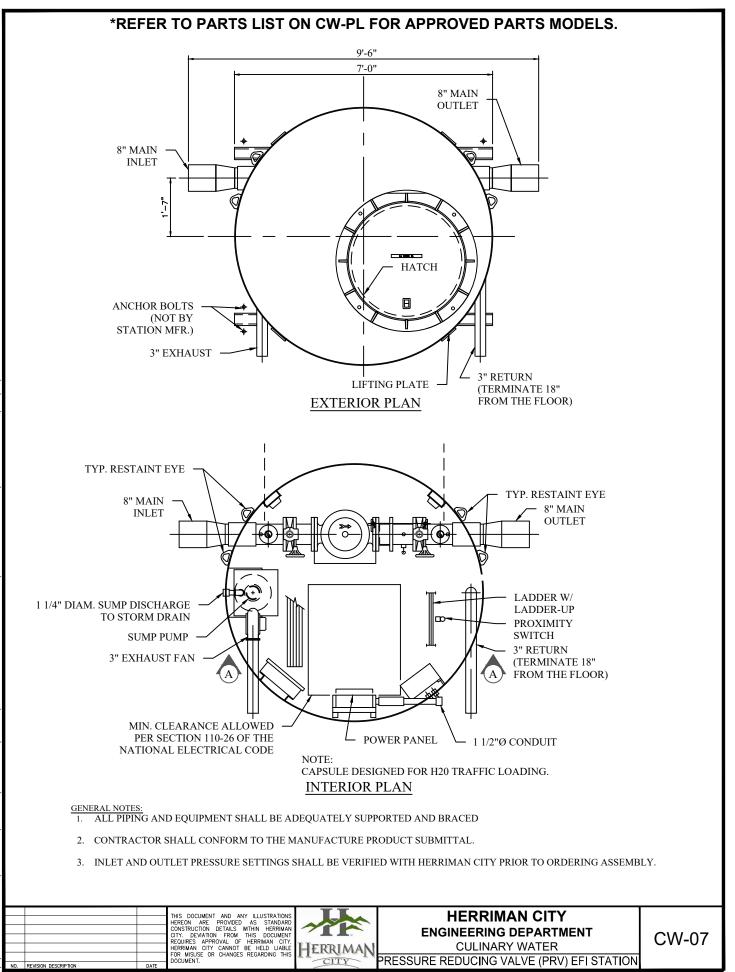


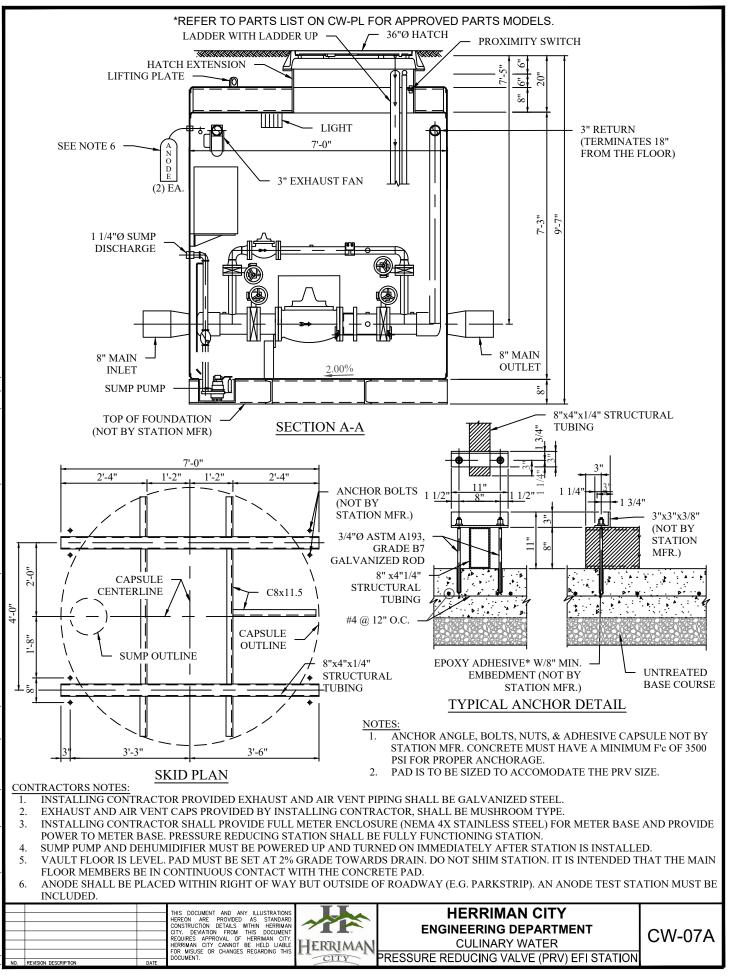
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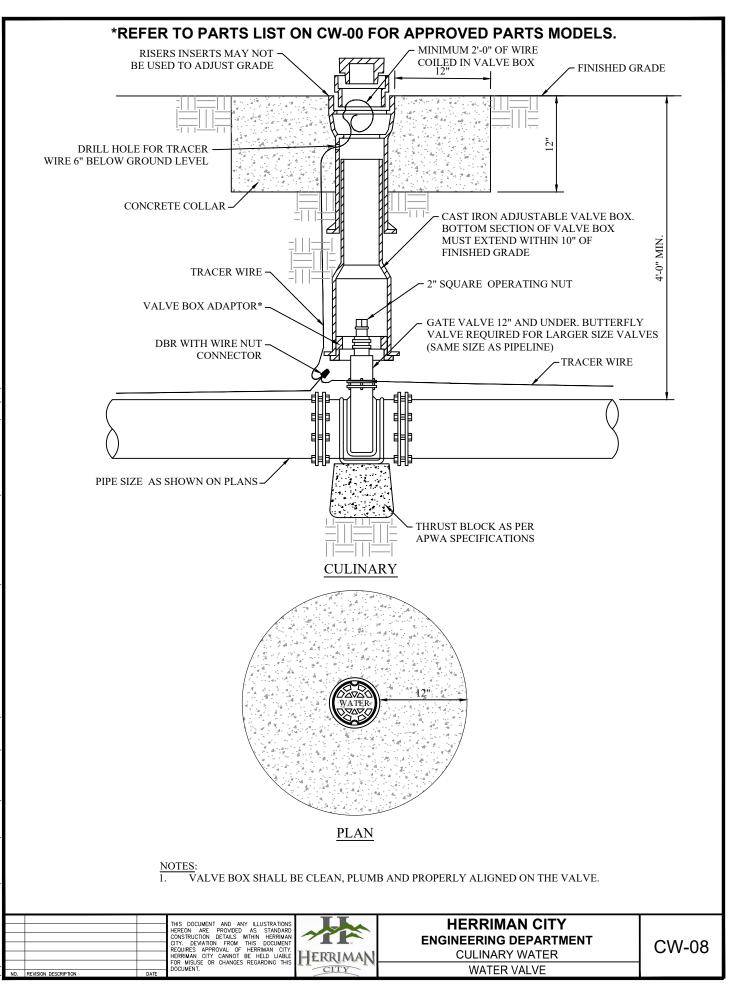


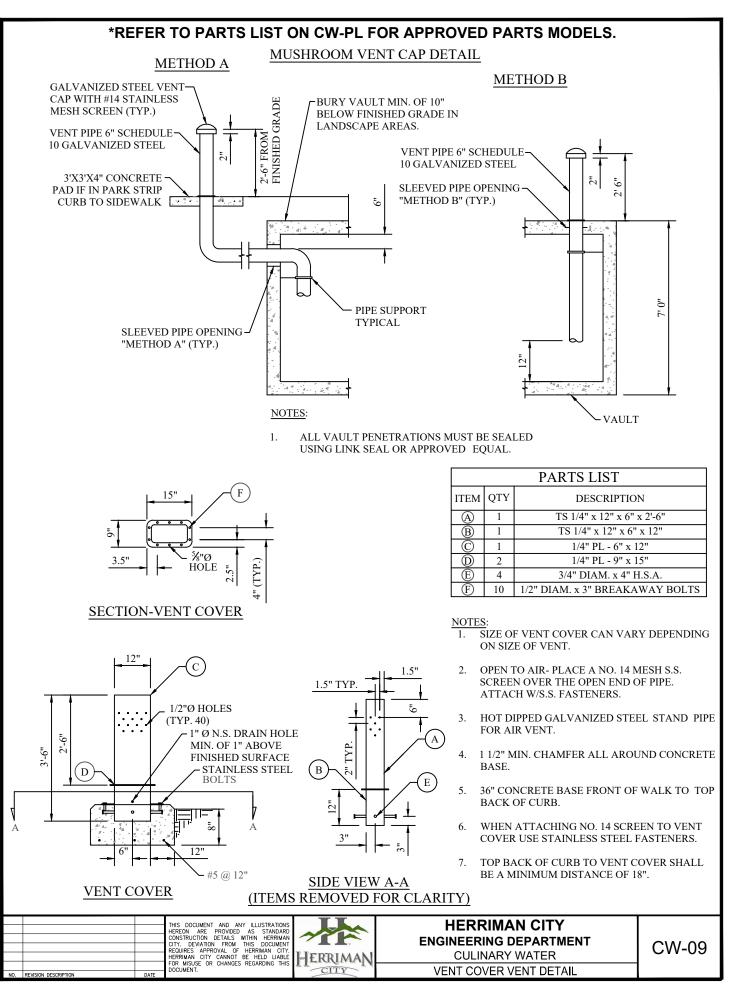
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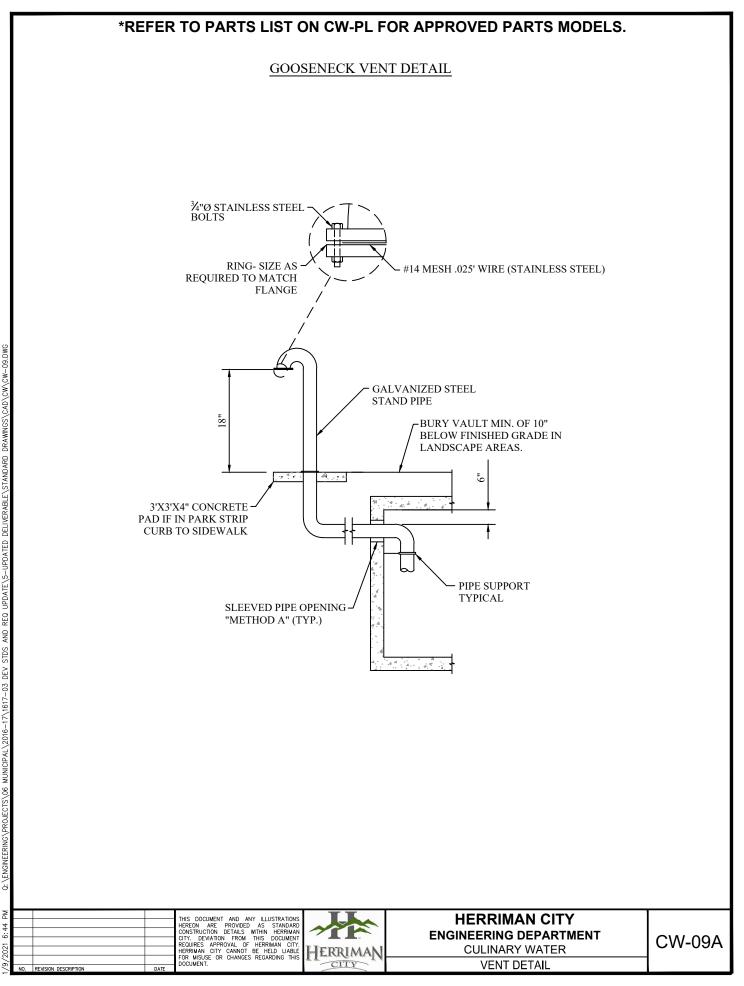




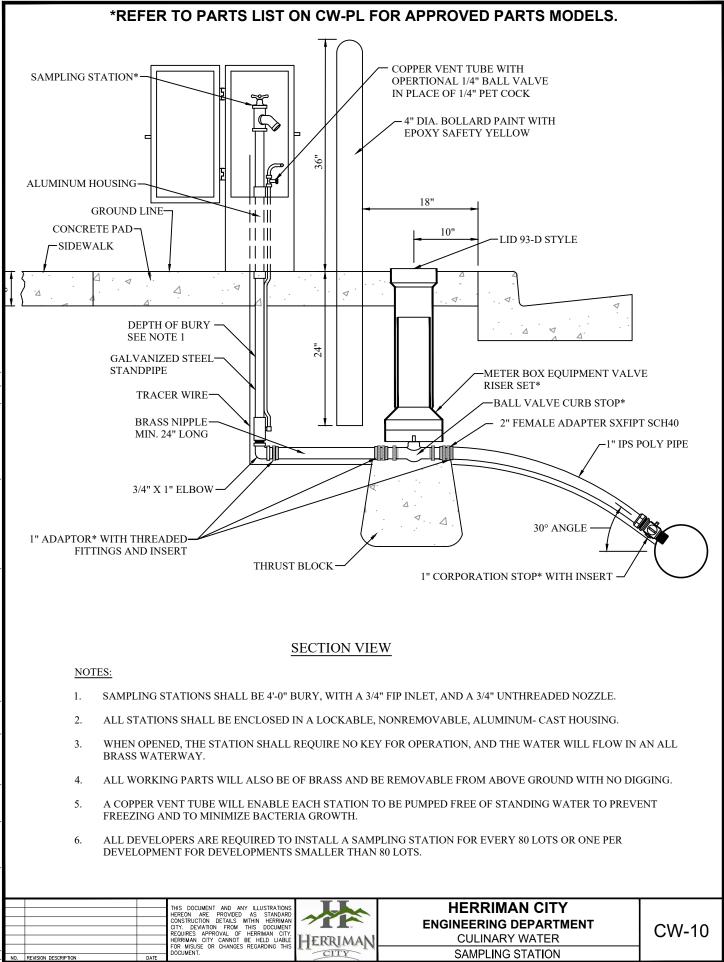


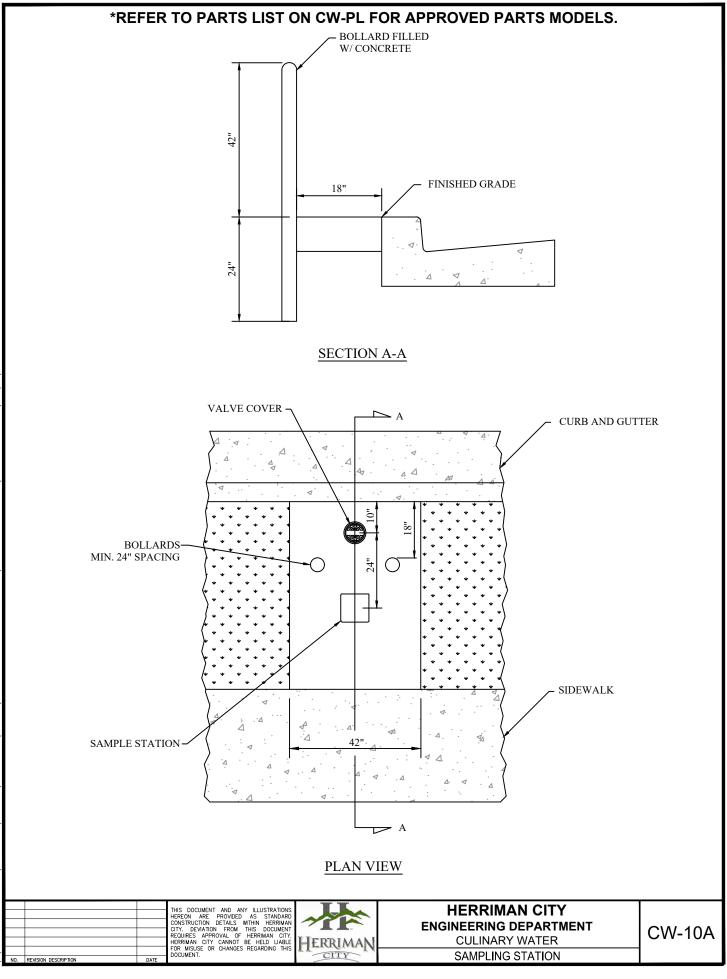


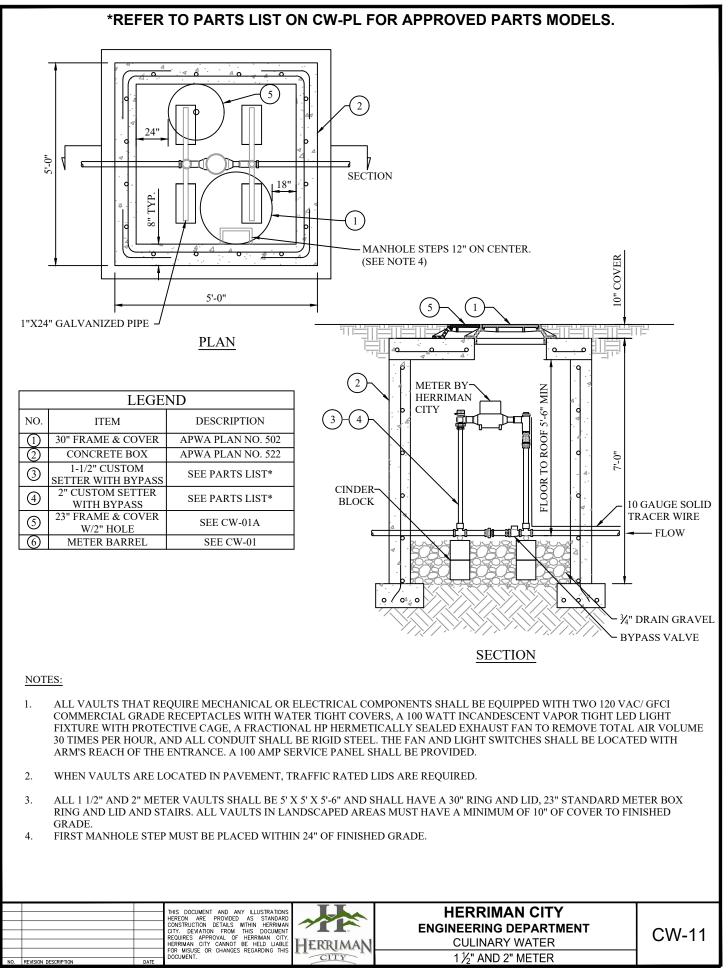
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AND REQ UPDATE\5-UPDATED DELIVERABLE\STANDARD DRAWINGS\CAD\CW\CW-11.DWG STDS DEV Q: \ENGINEERING\PROJECTS\06 MUNICIPAL\2016-17\1617-03 М 6:57

*REFER TO PARTS LIST ON CW-PL FOR APPROVED PARTS MODELS. TYPE A-SADDLE CLAMP TAP TYPE B-DIRECT TAP (F) 뺿 뻀 MIN NIM 48" * ത B SEE NOTE 4 fie Ē G VALVE BOX ADAPTER*

TYPICAL 1- 1/2" AND 2" SERVICE TAPS

NOTES:

- 1. ALL FITTINGS SHALL BE COMPRESSION FITTINGSWITH INSERTS.
- 2. REFER TO CW-08 FOR VALVE BOX DETAILS.

	LEGE	ND
NO.	ITEM	DESCRIPTION
A	GATE VALVE	2"
B	BRASS NIPPLE	BRASS NIPPLE. 6" MAX. LENGTH
©	1-1/2" OR 2" CORPORATION STOP	SEE PARTS LIST*
D	SERVICE SADDLE CLAMP	SEE PARTS LIST*
E	WATER MAIN PIPE	SEE NOTE 4
F	TRACER WIRE	
G	THRUST BLOCK	

NOTES FOR 1- 1/2" AND 2" SERVICE TAPS:

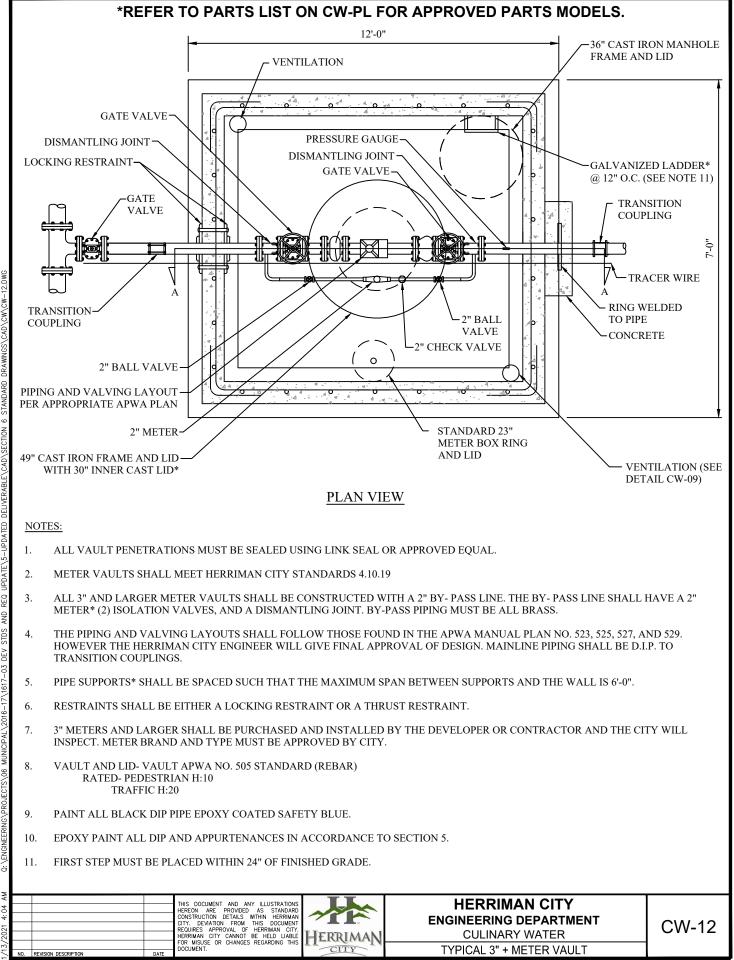
- 1. <u>INSPECTION:</u> PRIOR TO BACKFILLING, SECURE INSPECTION OF INSTALLATION BY CITY.
- 2. BACKFILL: INSTALL AND COMPACT ALL BACKFILL MATERIAL PER APWA SECTION 31 05 20.
- 3. <u>TAPPING:</u> PLACE TAPS A MIN. 24" APART. USE A TAPPING TOOL WHICH IS SIZED CORRESPONDING TO THE SIZE OF THE SERVICE LINE TO BE INSTALLED. NO TAPS WITHIN 24" OF THE END OF PIPE OR ANY FITTING.
- 4. <u>PVC PIPE:</u> A SERVICE SADDLE CLAMP IS REQUIRED ON ALL PVC PIPE. <u>DUCTILE IRON PIPE:</u> DUCTILE IRON PIPE MAY BE DIRECT TAPPED USING CC THREADS.
- 5. <u>TAPE:</u> TEFLON TAPE IS REQUIRED ON ALL TAPS AND THREADED FITTINGS

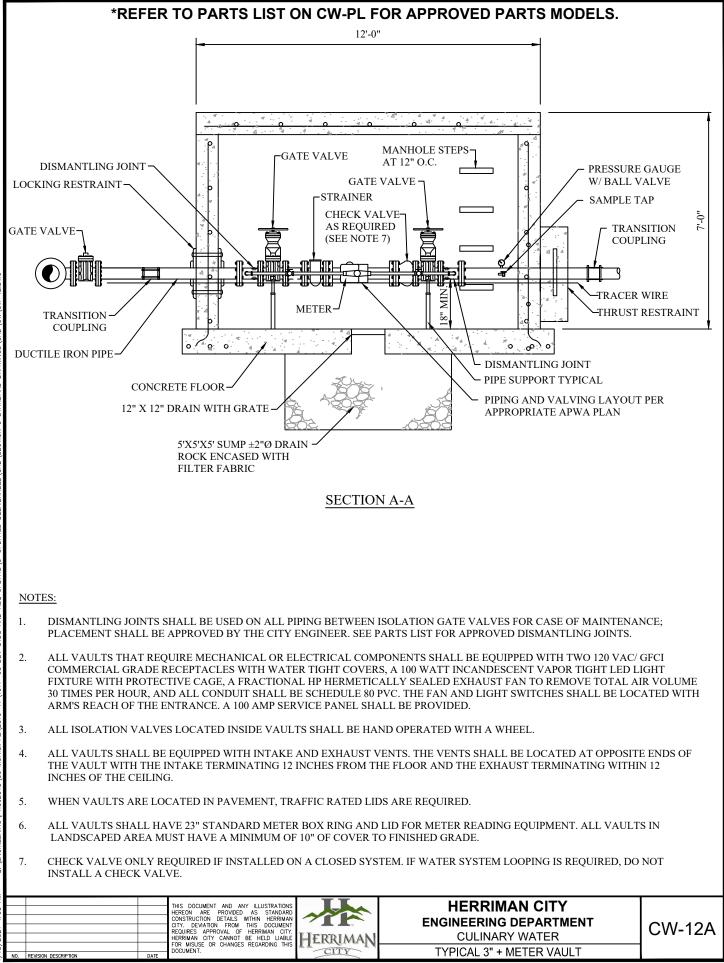
NOTES FOR 1 1/2" AND 2" SERVICE LINE:

- 1. <u>INSPECTION:</u> PRIOR TO BACKFILLING, SECURE INSPECTION OF INSTALLATION BY ENGINEER.
- 2. <u>BACKFILLING:</u> INSTALL ALL BACKFILL MATERIAL PER APWA SECTION 31 05 20 IN LIFTS NOT EXCEEDING 6" AFTER COMPACTION. COMPACT EACH LIFT TO A MIN. RELATIVE DENSITY OF 95%.
- 3. <u>METER:</u> HERRIMAN CITY WILL PROVIDE AND INSTALL METER.
- 4. <u>PIPE:</u> INSTALL IPS POLY PIPE TO PROPERTY LINE.
- 5. <u>PLACEMENT:</u>

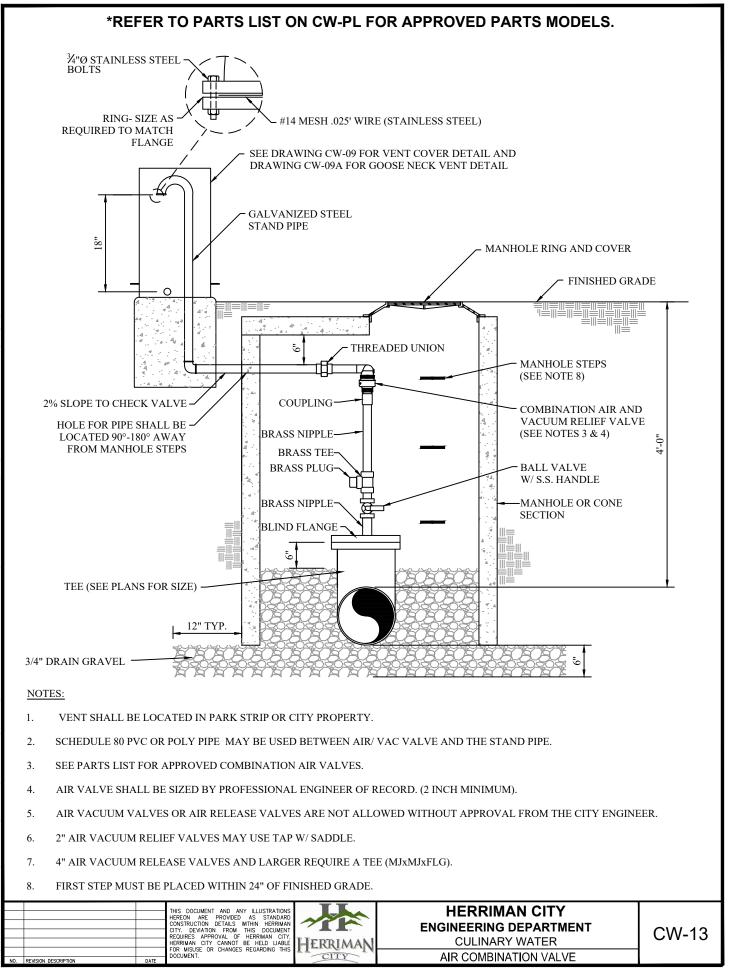
A) DO NOT INSTALL METER BOX UNDER DRIVEWAY APPROACHES, SIDEWALKS, OR CURB AND GUTTER. B) IN NEW CONSTRUCTION, INSTALL METER NEAR CENTER OF LOT IN PARKSTRIP.

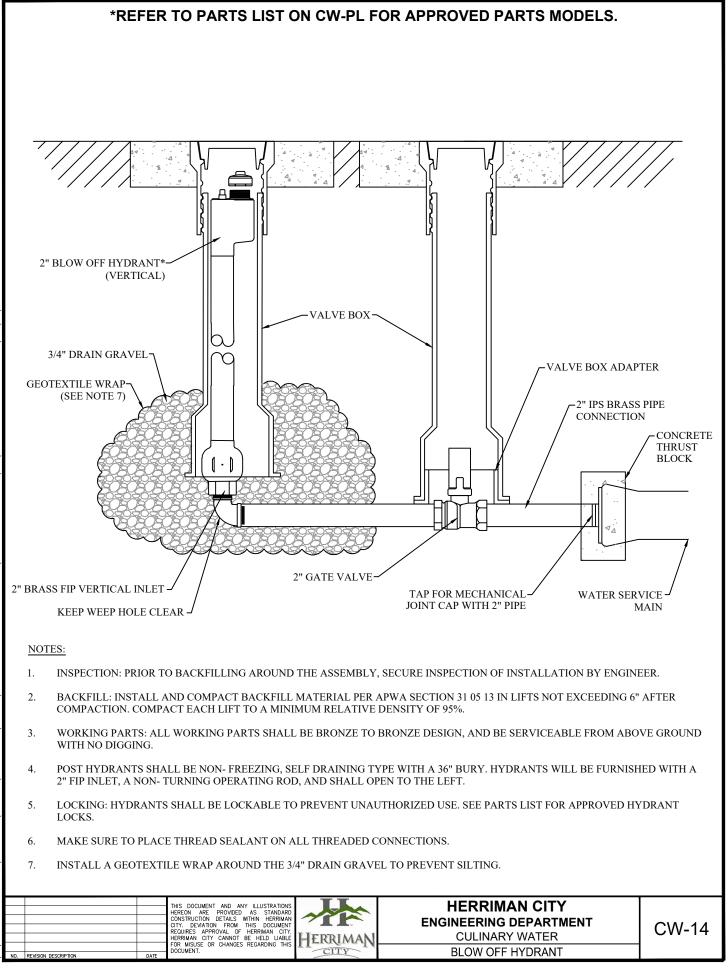
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Ø			HEREON ARE PROVIDED AS STANDARD			
			CONSTRUCTION DETAILS WITHIN HERRIMAN CITY. DEVIATION FROM THIS DOCUMENT		ENGINEERING DEPARTMENT	
-			REQUIRES APPROVAL OF HERRIMAN CITY.			I CW-11A 🛛
70.			HERRIMAN CITY CANNOT BE HELD LIABLE	HERRIMAN	CULINARY WATER	
1			FOR MISUSE OR CHANGES REGARDING THIS DOCUMENT.	II		1
NO NO	REVISION DESCRIPTION	DATE	DOCOMENT.	CITY	1 ½" AND 2" METER	
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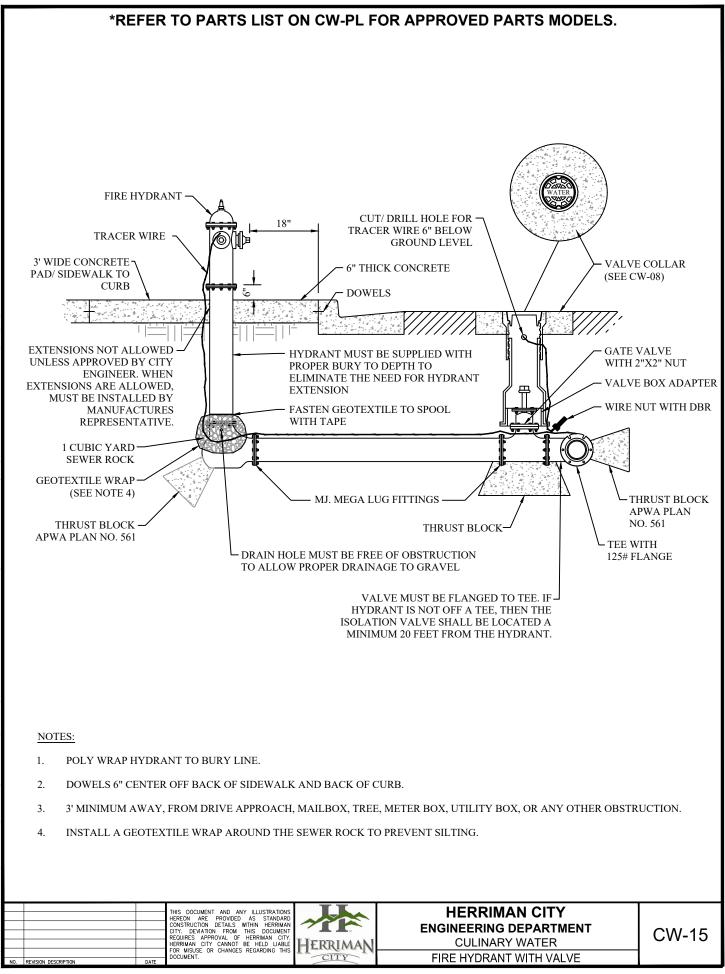




STANDARD DRAWINGS\CAD\CW\CW-UPDATE\5-UPDATED DELIVERABLE\CAD\SECTION 6 REQ AND STDS 0: \ENGINEERING\PROJECTS\06 MUNICIPAL\2016-17\1617-03 DEV AM 1:05







HERRIMAN CITY APPROVED CULINARY WATER EQUIPMENT LIST

EQUIPMENT TYPE	Model	
Dismantling Joints	Romac DJ400	
Butterfly Valve	Mueller "Linesal III"	
Gate Valves 3 Inches and Larger	Mueller Gate Valve or Resilient Seat Gate Valve	
Swing Check Valve (2-inch to 24-inch)	Mueller Swing-Type	
Globe Check Valve (2-inch to 24-inch)	VAL-MATIC model #VM:1400A/1800-S	
Control Valve	CLA-VAL	
Underground Packaged Pressure Reducing Station	Per Specification 33 12 18	
Combination Valves	A.R.I. D-040	
Ball Valve Curb Stop	Ford Ball Valve Curb Stop B11-333WOR Mueller 102883	
Combination Air Valve	A.R.I. D-040 or Approved Equal	
Valve Box	Tyler 564A Cast Iron	
Valve box adaptor	Adaptor Inc. Model VBA-II	
Service Saddle Clamp	Ford FB 202 B Mueller BR2B Series	
Dry-Barrell Fire Hydrant	Mueller Super Centurion 250 Model A-423 Waterous WB67-250 Clow Medallion	
2" Blow Off Hydrant	Mainguart No. 78 or Approved Equal Truflow #TF500	
Hydrant Lock	As manufactured by Kupferle Foundry Co., St. Louis, MO. or approved Equal	
1" Corporation Stop	Type A: Ford-FB 1101-4-Q-NL IPS Saddle Type A: Mueller B-25029N if direct tapped Type B: Ford-FB 1001-4-Q CC threaded Type B: Mueller B-25009N	
1 1/2" Corporation Stop	Ford FB1600-67-NL Mueller B-20045N	
2" Corporation Stop	Ford FB1600-7-NL Mueller B-20045N	
3/4" Water Meter Yoke	Mueller 240B2434-2-49N A.Y. McDonald 728-218DWPP	
THIS DOCUMENT AND ANY ILLUSTRATIONS HEREON ARE PROVIDED AS STANDARD CONSTRUCTION DETAILS WITHIN HEREINAN CONSTRUCTION DETAILS WITHIN HEREINAN CONSTRUCTION DETAILS WITHIN HEREINAN CITY REQUIRES APPROVAL OF HEREINAN CITY HEREINAN CITY CANNOT BE HELD LABLE FOR MUSSE OR CHANGES REGARDING THIS DOCUMENT.	HERRIMAN CITY ENGINEERING DEPARTMENT CULINARY WATER CULINARY WATER EQUIPMENT LIST (pg 1 of 3)	CW-PL1

HERRIMAN CITY APPROVED CULINARY WATER EQUIPMENT LIST)

EQUIPMENT TYPE	Model		
1" Water Meter Yoke	Ford Copper VBHC74-95581-03 A.Y. McDonald 728-218DWPP		
1 1/2" Water Meter Yoke	Ford Copper VHHB76-C15745-002-NL		
2" Water Meter Yoke	A.Y. McDonald 728-218DWPP #		
Water Meter Setter	FORD VBHC72-95581-01 AY Mc Donald NL Meter Setter 728-218DWPP		
1 1/2" Custom Setter with Bypass	VBHH76-18B-11-66-NL		
2" Custom Setter with Bypass	VBHH77-18B-11-77-NL		
Water Meter	Neptune 5/8" x 3/4" T-10 Meter with AutoDetect register		
2" Water Meter	Neptune T-10 Model		
Meter Barrel Frame and Cover (3/4" Meter)	#		
Meter Barrel Frame and Cover (1" Meter)	#		
Meter Barrel Frame and Cover (1 1/2" and 2" Meters)	#		
Meter Box Equipment Valve Riser Set	692-3200		
Water Meter Pit Adjusting Ring	30" Barrel: D&L L-2336 36" Barrel: D&L L-2338		
Radio Unit	Neptune R900 Pit Meter Interface Unit (MIU) Radio		
Sampling Station	Eclipse #88-SS Sampling Station (Manufactured by Kupferle Foundry, St Louis, MO 63102)		
Restraint	Tyler Union Series 1500 Dual Wedge		
1" Connection	1" Ford Compression Fitting 1644-Q w/ insert Mueller compression fittings w/ insert		
1" Adaptor	Ford 1644-Q Mueller H-15429N		
Compression Coupling with Inserts	Ford - C66-44-NL-Q Mueller - H-15400N		
MJ Water Valve Connection Joint Restraints	EBAA Iron MEGALUG, Tyler TUFGrip, Star Fittings USA		
Vent caps	Christy's Vent Caps manufactured by T. Christy Enterprises, Inc., Anaheim, CA		
THIS DOCUMENT AND ANY ILLUSTRATIONS HEREON ARE PROVIDED AS STANDARD CONSTRUCTION DETAILS WITHIN HERMIAN CTY. DEVANTON FROM THIS DOCUMENT REQUIRES APPROVAL OF HERMIAN CTY. HERMIAN CTY CANNOT BE HELD LIABLE FOR MISUSE OR CHANGES REGARDING THIS DOCUMENT.	ENGINEERING DEPARTMENT CULINARY WATER CW-PL2		

HERRIMAN CITY APPROVED CULINARY WATER EQUIPMENT LIST

EQUIPMENT TYPE	Model
Drinking Fountain	Elkay, Model LK4420BF1UDB
49" Cast Iron Frame and Lid with 30" Inner Cast Lid	D&L Supply DL A-1381 or equal
Pipe supports	Stanchion Saddle MSS Type 37 Grinnell Figure 264 of approved equal
Galvanized ladder	#
Epoxy Adhesive	Hilti Hit-RE-500 Epoxy Adhesive