

GENERAL NOTES

- PERMANENT DEAD-END MAIN WILL NOT BE ALLOWED IF LOOPING ALTERNATIVES ARE AVAILABLE. THIS MAY REQUIRE EXTENDING THE WATER MAINS BEYOND THE LIMITS OF THE PROJECT.
- IN UNAVOIDABLE PERMANENT DEAD-MAIN SITUATIONS, LINES SHALL BE 6" OR LARGER AND NOT EXCEED 600 FEET IN LENGTH AND SHALL BE EQUIPPED WITH A 2" AUTOMATIC FLUSHING DEVICE.
- THE LENGTH OF A DEAD-MAIN WATER MAIN SHALL BE MEASURED FROM THE INTERSECTION WITH A MULTIPLE FEED (LOOPED) MAIN TO THE END OF THE MAIN.
- WHERE A WATER MAIN IS STUBBED OUT FOR FUTURE EXTENSION, PLACE A VALVE TO ISOLATE THE DEAD-MAIN AND EXTEND A 20' SECTION OF PIPE WITH A CAP ON THE END ON THE DOWNSTREAM SIDE OF THE ISOLATION VALVE. RESTRAIN THE WATER MAIN TO PREVENT LINE SEPARATION. THRUST BLOCKING WILL NOT BE ALLOWED. NO CUSTOMER SERVICES SHALL BE LOCATED ON THE DEAD-END UNTIL IT IS EXTENDED. PROVIDE A 2" AUTOMATIC FLUSHING DEVICE AT THE END OF THE DEAD-END LINE IN ADVANCE OF THE ISOLATED VALVE.

NOTE: AUTOMATIC FLUSH VALVE TO BE MODEL #9400 ECLIPSE AS MANUFACTURED BY THE KUPFERLE FOUNDRY COMPANY OR MODEL #HG-1-BASIC-S-8021-2 AS MANUFACTURED BY HYDRO-GUARD.

NOTE: VALVE PRICE INCLUDES VALVE, VALVE BOX, CONCRETE COLLAR.

City of BRENHAM DEAD-END MAIN WITH AUTOMATIC FLUSHING DEVICE

STANDARD CONSTRUCTION DETAILS

DATE: 07/20/21	REVISED DATE: 07/20/21
WTR - 9	

GENERAL NOTES

- A.R.I D040 AIR RELEASE WITH AN ENCLOSURE MADE BY PIPELINE PRODUCTS VCAS-1424-14"x24" POLYETHYLENE ENCLOSURE.
- TAP TO COME OFF OF TOP OF MAIN TO ALLOW AIR TO ESCAPE.

City of BRENHAM 2" AIR RELEASE VALVE DETAIL

STANDARD CONSTRUCTION DETAILS

DATE: 07/20/21	REVISED DATE: 07/20/21
WTR - 10	

GENERAL NOTES

- WATER SERVICES 2" AND SMALLER MUST BE SINGLE LOT CONNECTIONS.
- MINIMUM SIZE SERVICE FOR SINGLE LOT CONNECTION SHALL BE 1".
- WATER SERVICE SHALL BE LOCATED WITHIN THE RIGHT-OF-WAY AS CLOSE TO THE LOT LINE AS POSSIBLE.
- CITY OF BRENHAM TO SUPPLY WATER METER UPON PAYMENT OF TAP FEE BY DEVELOPER OR DEVELOPER'S CONTRACTOR.
- INSTALL TRACER WIRE ALONG SERVICE LINE. CONNECT WITH WATER TIGHT UNDERGROUND CONNECTORS TO THE TRACER WIRE THAT RUNS ALONG THE MAIN WATER LINE. TERMINATE BY LEAVING A 3' SPOOL OF TRACER WIRE INSIDE OF METER BOX.

City of BRENHAM 1" WATER SERVICE DETAIL (SINGLE SERVICE)

STANDARD CONSTRUCTION DETAILS

DATE: 07/20/21	REVISED DATE: 07/20/21
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GENERAL NOTES

- WATER SERVICES 2" AND SMALLER MUST BE SINGLE LOT CONNECTIONS.
- WATER SERVICE SHALL BE LOCATED WITHIN THE RIGHT-OF-WAY AS CLOSE TO THE LOT LINE AS POSSIBLE.
- CITY OF BRENHAM TO SUPPLY WATER METER UPON PAYMENT OF TAP FEE BY DEVELOPER OR DEVELOPER'S CONTRACTOR.

METER SIZE	CORPORATION STOP	CURB STOP
1-1/2"	FORD FB1000-6-TA-QT67-NL	FORD BFA43-666-WR-G-NL
2"	FORD FB1000-7-TA-QT67-NL	FORD BFA43-777-WR-G-NL

City of BRENHAM 1 1/2" AND 2" WATER SERVICE DETAIL (SINGLE SERVICE)

STANDARD CONSTRUCTION DETAILS

DATE: 07/20/21	REVISED DATE: 07/20/21
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GENERAL NOTES

- DOMESTIC COMPOUND WATER METER ASSEMBLY SHALL BE PARK USA MODEL DMC-BYPASS OR APPROVED EQUAL. MANUFACTURER CONTACT INFORMATION: ParkUSA, 888-611-7275, WWW.PARK-USA.COM.

MODEL No.	METER SIZE	BY-PASS	L1	W1	H1
DMC-04	4"	2"	8'-8"	5'-0"	4'-6"
DMC-06	6"	4"	8'-8"	5'-0"	4'-6"

City of BRENHAM 4" AND LARGER METER SERVICE DETAIL

STANDARD CONSTRUCTION DETAILS

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