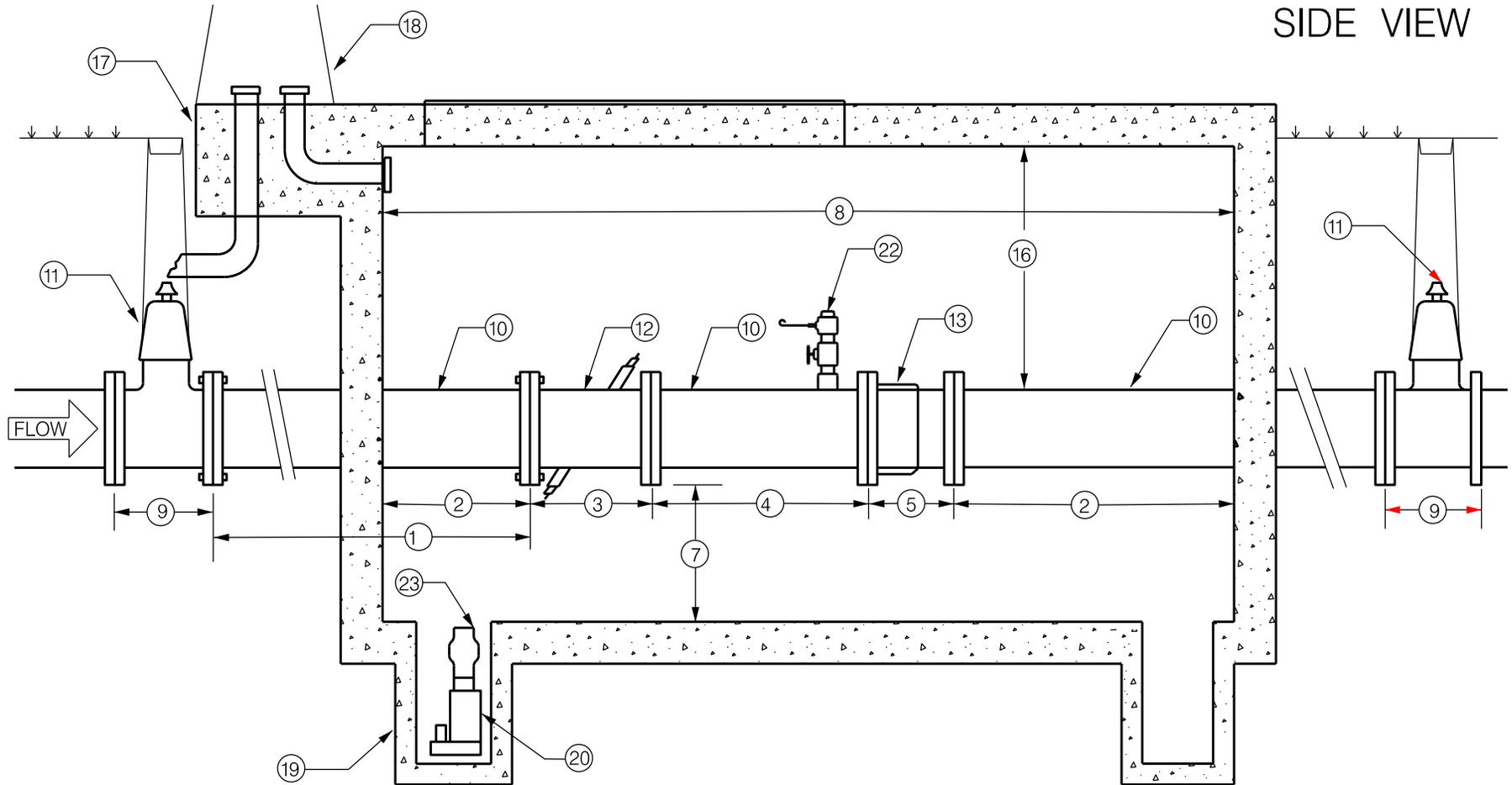


SIDE VIEW



- 1. OPTIMUM OF 15 FEET, MINIMUM OF 5 FEET OF UN-INTERRUPTED FLOW PRIOR TO THE METER, (GATE VALVES MUST EXTEND BEYOND THE METER VAULT AND ENCLOSURE PEDESTAL A MINIMUM OF 5 FEET).
- 2. 24" MINIMUM CLEARANCE BETWEEN ANY APPURTENANCES AND VERTICAL METER VAULT WALLS.
- 3. 19.7" APPROXIMATE LENGTH OF TRANSIT TIME METER.
- 4. 36" MINIMUM UN-INTERRUPTED FLOW BETWEEN METER AND DISMANTLING JOINT.
- 5. 15" NOMINAL LENGTH OF DISMANTLING JOINT.
- 7. 24" MINIMUM CLEARANCE BETWEEN THE VAULT FLOOR AND METER ASSEMBLY.
- 8. 12" APPROXIMATE INTERNAL LENGTH OF METER VAULT.
- 9. 14" APPROXIMATE LENGTH OF GATE VALVE.
- 10. ALL PIPING FROM GATE VALVE TO GATE VALVE WILL BE DUCTILE IRON PIPE.
- 11. MUELLER CO, 2360 SERIES 12" GATE VALVE OR EQUAL.
- 12. ENDRESS = HAUSER 12" PROSONIC FLOW 93C IN-LINE TRANSIT-TIME METER.
- 13. ROMAC INDUSTRIES, INC. 12" DJ405 DISMANTLING JOINT OR EQUAL.
- 16. 36" MINIMUM CLEARANCE BETWEEN VAULT CEILING AND TALLEST POINT OF METER ASSEMBLY.
- 17. RE-ENFORCED CONCRETE 18" DEEP FOOTER FOR METER ELECTRONICS ENCLOSURE.
- 18. CABINET BASE
- 19. 12" DIAMETER BY 24" DEEP SUMP HOLE.
- 20. SUMP PUMP, 3/4 HP, SUBMERSIBLE CAST IRON, RATED COMMERCIAL/INDUSTRIAL GRAINGER ITEM: 3BB80 OR EQUAL.
- 22. PRESSURE TRANSMITTER W/2" GATE VALVE
- 23. 2" CHECK VALVE FOR SUMP PUMP

CASTLE HILLS 12" METER SPEC.
NON-ENGINEERED DRAWINGS
NOT TO SCALE

NOTE:
DETAIL SUBJECT TO CHANGE PER DIRECTION
OF CITY OF LEWISVILLE ENGINEERING DIVISION



Standard Details

Castle Hills 12" Meter Vault Assembly

Revisions:

No.	Description	Date

Engineering Department

Office No. 972-219-3490

www.cityoflewisville.com

Dated: 5-14-13

Dated: 10-28-19

Sheet:

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