CITY OF WOLFFORTH
UTILITY IMPROVEMENTS
LUBBOCK NORTH COLLECTION

811 Know what's below. Call before you dig.

General Notes

1. All existing utilities above and below ground shall be field verified prior to any construction. Utilities may be located by calling 1-800-DIGTESS.
2. Construction benchmarks to be set by Engineer. One set of construction stakes will be set. This will include slopes and benchmarks for both horizontal and vertical control. Costs for the Engineer to replace damaged stakes will be paid by the Contractor.
3. Erosion control shall be placed in areas where water flows and causes sedimentation problems.
4. Construction of the project shall not be started until all submittals are approved by the Engineer.
5. If a change order is deemed necessary, construction of the affected bid item will not proceed until the Engineer and Owner have approved the change order in writing.
6. Construction tests shall be the responsibility of the owner. Including payment. Test scheduling shall be the responsibility of the contractor however, the testing lab shall be approved by the engineer prior to construction

C COVER
1 BOOSTER STATION PLAN
2 BOOSTER STATION SITE PLAN
3 BOOSTER STATION - TANK DETAILS
4 BOOSTER STATION - TANK DETAILS
5 BOOSTER STATION - EAST ELEVATION
6 BOOSTER STATION - WEST ELEVATION
7 BOOSTER STATION - SOUTH ELEVATION
8 BOOSTER STATION - NORTH ELEVATION
9 WOLFFORTH CONTROL VALVE VAULT
10 LUBBOCK FLOW METER VAULT

OJD Engineering, LP
Consulting Engineers & Surveyors
P.O. Box 543 Wolfforth, TX 79382 806-447-3503
3425 Lakeside Drive Amarillo, TX 79109 806-352-7117
328 E. Hwy 62 Unit B Wolfforth, TX 79382 806-791-2200

LUBBOCK NORTH CONNECTION

COVER

Revisions

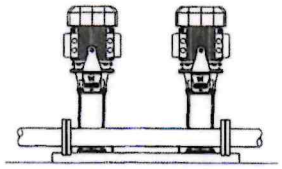
No.	Date

STATE OF TEXAS
MICHAEL L. HINES
79880
LICENSED PROFESSIONAL ENGINEER

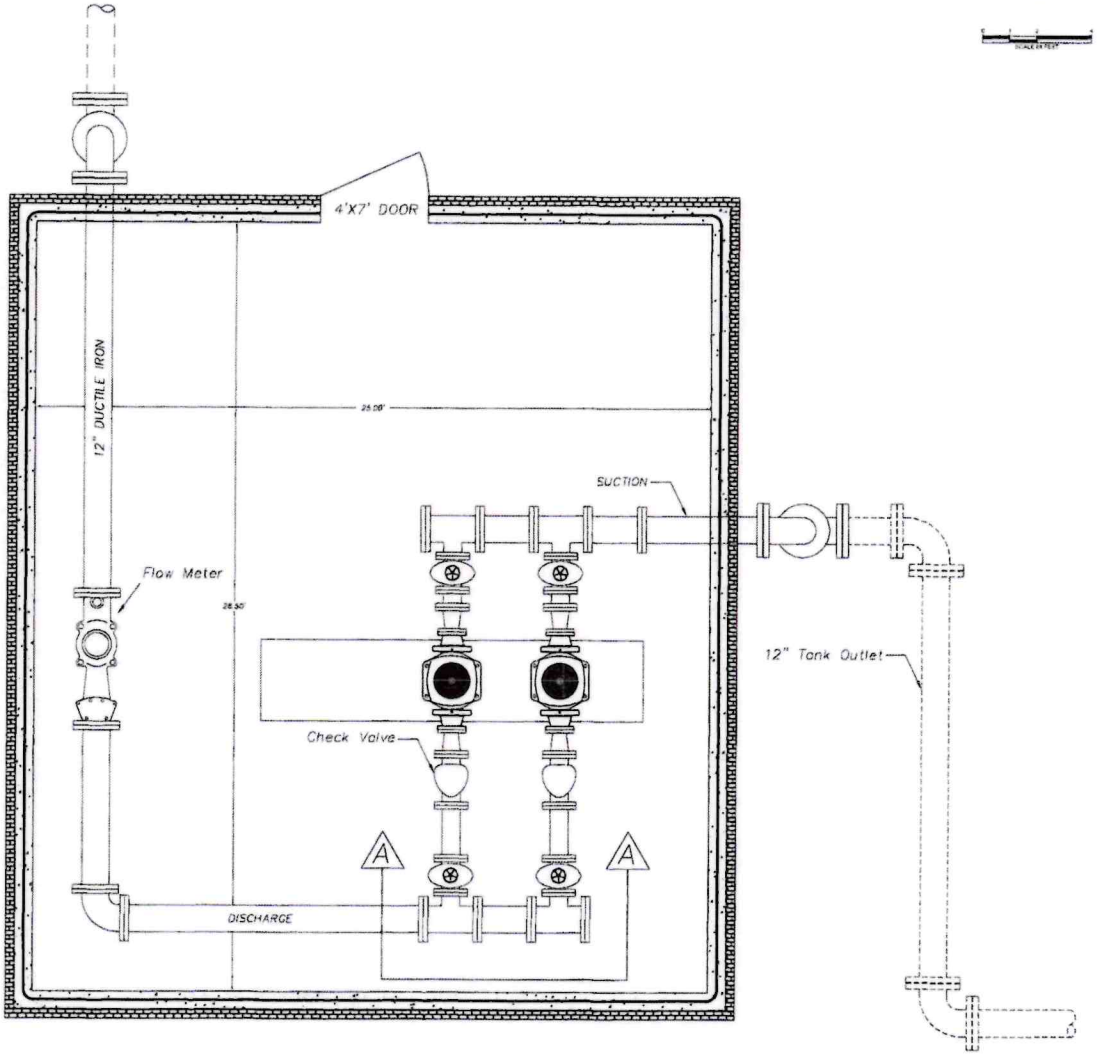
8-23-24

OJD Engineering, LLC
F-4383

Project No.	24-4238206
Date	July 2024
Drawn By	AJH
Checked By	MLH
Scale	N/A
Sheet	C



Section A–A



OJD Engineering, LP
Consulting Engineers & Surveyors
P.O. Box 542
Wellington, TX 79095
806-447-2523
2620 Lakeview Drive
Amarillo, TX 79109
806-352-7117
329 E. Hwy 62 and 87
Wolfforth, TX 79382
806-791-2313

LUBBOCK NORTH CONNECTION

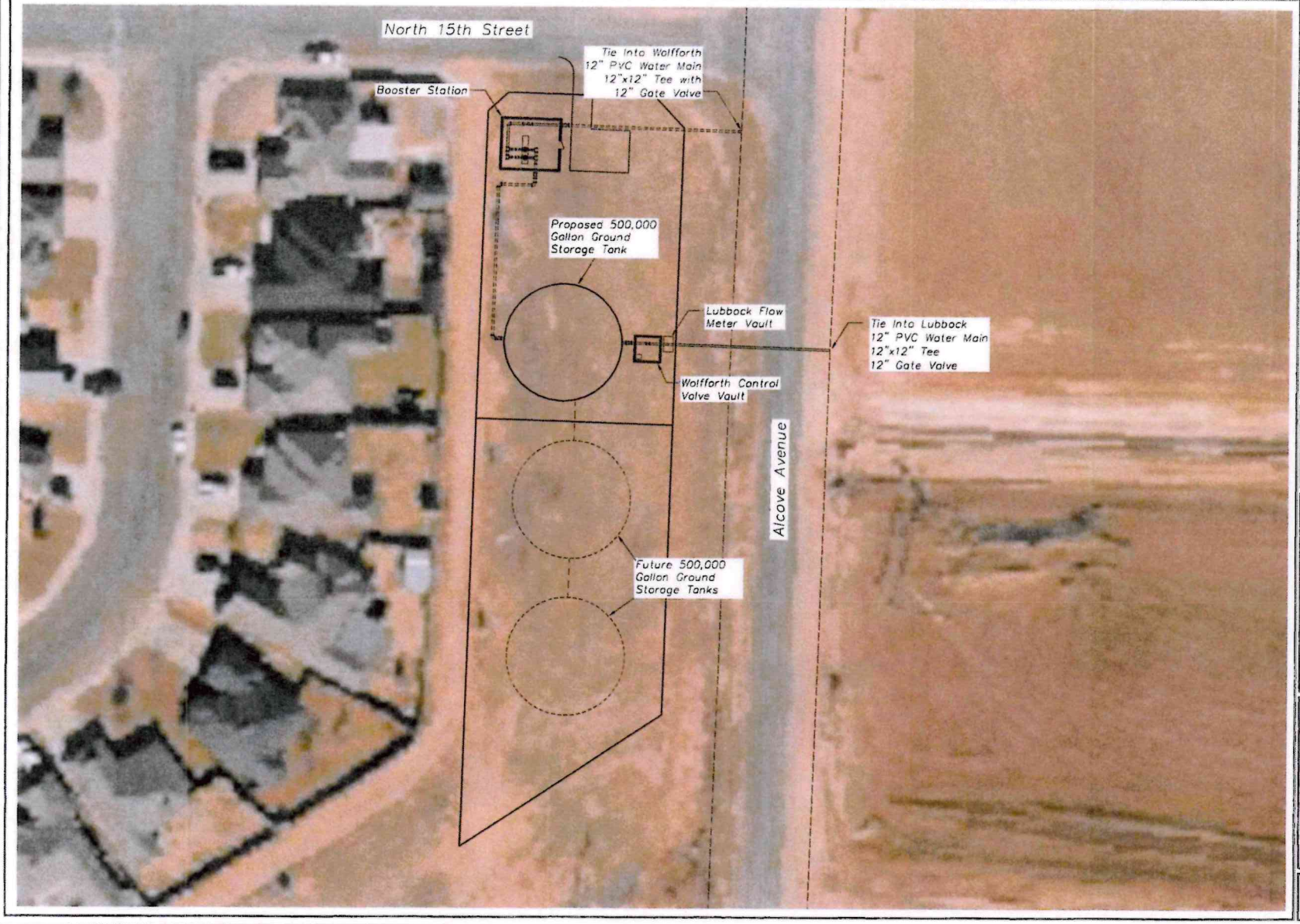
BOOSTER STATION PLAN

Revisions

No.	Date:

OJD Engineering, LLC
F-4393

Project No.	24-LB0026
Date:	July 2024
Drawn By:	MJA
Checked By:	MJA
Scale:	1" = 5'
Sheet:	1



OJD Engineering, LP

Consulting Engineers & Surveyors

P.O. Box 242
Abernathy, TX 79295
806-447-9503

2420 Lakeview Drive
Amarillo, TX 79109
806-352-7117

328 E. Hwy 62 Unit #1
Wolfforth, TX 79382
806-791-2330

LUBBOCK
NORTH
CONNECTION

SITE PLAN

Revisions

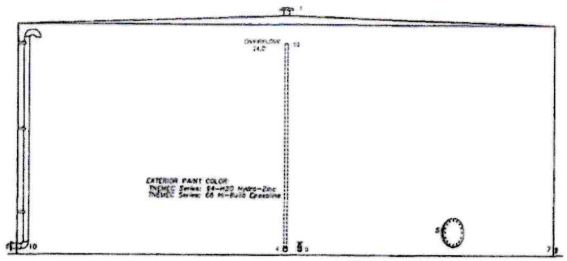
No.	Date:

STATE OF TEXAS
MICHAEL J. ADAMS
79560
LICENSED
PROFESSIONAL ENGINEER

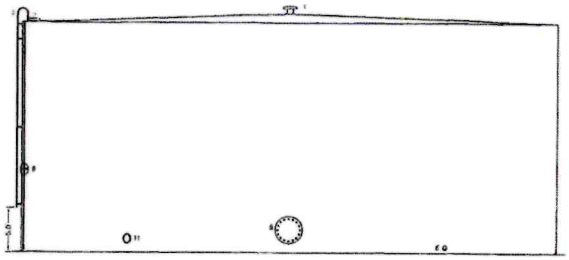
6-23-24

OJD Engineering, LLC
F-4393

Project No.	24-LE0028	Sheet:
Date:	July 2024	2
Drawn By:	MJA	
Checked By:	MJA	
Scale:	NTS	



NORTH ELEVATION



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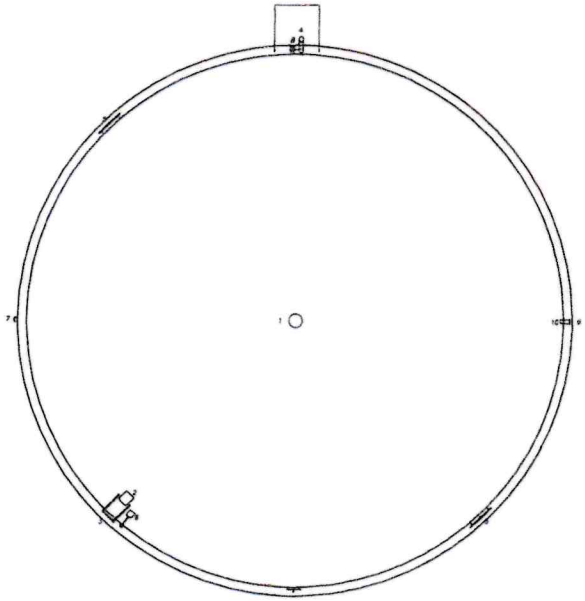
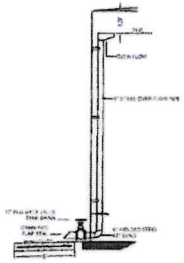
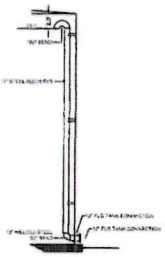


PLAN VIEW



OVER FLOW DETAIL



INLET DETAIL

TANK SUMMARY

DIAMETER = 60'
HEIGHT = 28'
CAPACITY = 500,000 GALLONS
BASE ELEVATION = 0.0
OVERFLOW ELEVATION = 24.0

ACCESSORY LOCATIONS

1. ROOF VENT W/ 16 MESH SCREEN
2. 30"x30" ROOF HATCH
3. LADDER W/ FALL PREVENTION KIT
4. 6" OVERFLOW PIPE W/ FLAP VALVE
5. 30" DIAMETER MANWAYS
6. 12" FLANGED INLET CONNECTION
7. 12" FLANGED OUTLET CONNECTION
8. 4" DRAIN COUPLING W/ GATE VALVE
9. FULL TRAVEL LEVEL INDICATOR
10. 12" RISER PIPE
11. 12" BLIND FLANGE CONNECTION

OJD Engineering, LP
Consulting Engineers & Surveyors
P.O. Box 243
Abilene, TX 79605
(325)-677-2503
2020 Lakeview Drive
Amarillo, TX 79109
(806)-352-7117
328 E. Hwy 62 Unit #1
Wolfforth, TX 79382
(806)-731-2503

LUBBOCK
NORTH
CONNECTION

BOOSTER STATION
TANK DETAILS

Revisions

No.	Date

STATE OF TEXAS
MICHAEL J. ADAMS
10-23-24

OJD Engineering, LLC
F-4393

Project No.	24-LE0020	Sheet:
Date:	July 2024	
Drawn By:	MJA	3
Checked By:	MJA	
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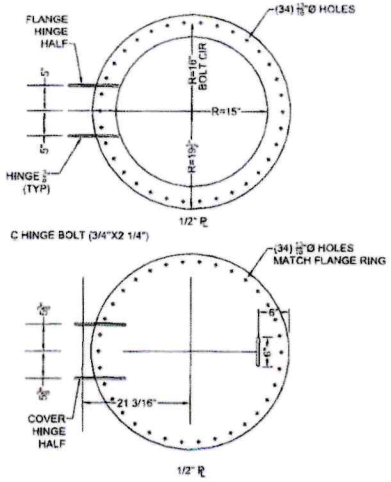

5. 30" DIAMETER MANWAYS

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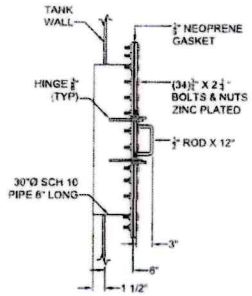
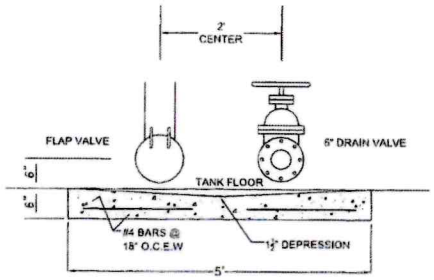


SIDE VIEW INSTALLED

NO SCALE



4. DRAIN/OVERFLOW DETAIL

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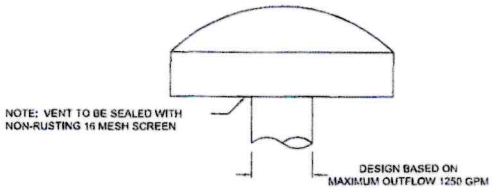

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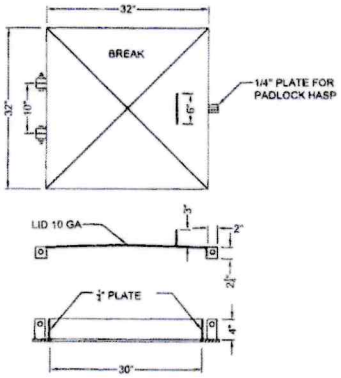
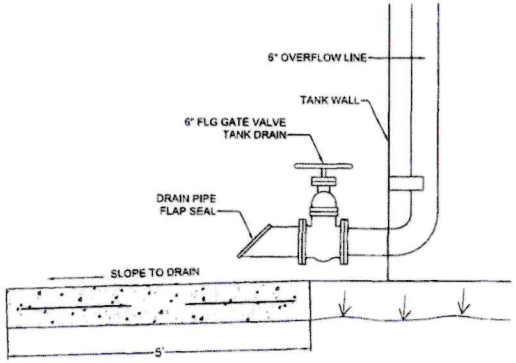


2. ROOF HATCH DETAIL

NO SCALE



SPLASH PAD DETAIL

NO SCALE

OJD Engineering, LP
Consulting Engineers & Surveyors
P.O. Box 542 Arlington, TX 76095 817-447-2053
2420 Lakeview Drive Aransas, TX 78339 361-352-7117
309 E. Hwy 67 Unit #1 Waxahachie, TX 75165 972-291-9300

LUBBOCK NORTH CONNECTION

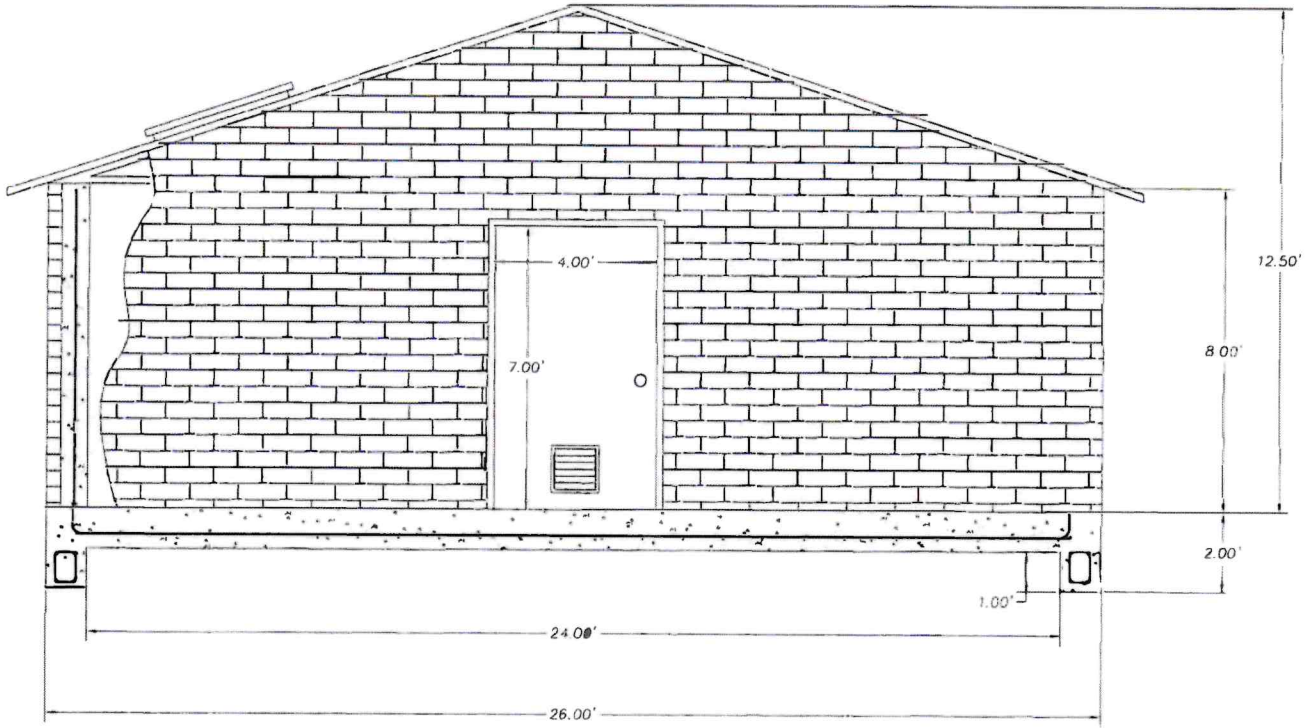
BOOSTER STATION TANK DETAILS

Revisions

No.	Date

OJD Engineering, LLC F-4393

Project No	24-LZ0078	Sheet
Date	July 2024	
Drawn By	MJA	4
Checked By	MJA	
Scale	NTS	



OJD Engineering, LP
Consulting Engineers & Surveyors

P.O. Box 543
Wolfforth, TX 79382
806-847-2503

2439 Lubbock Drive
Amarillo, TX 79109
806-352-7117

520 E. Hwy 69 Unit B1
Northwest, TX 76383
806-791-2820

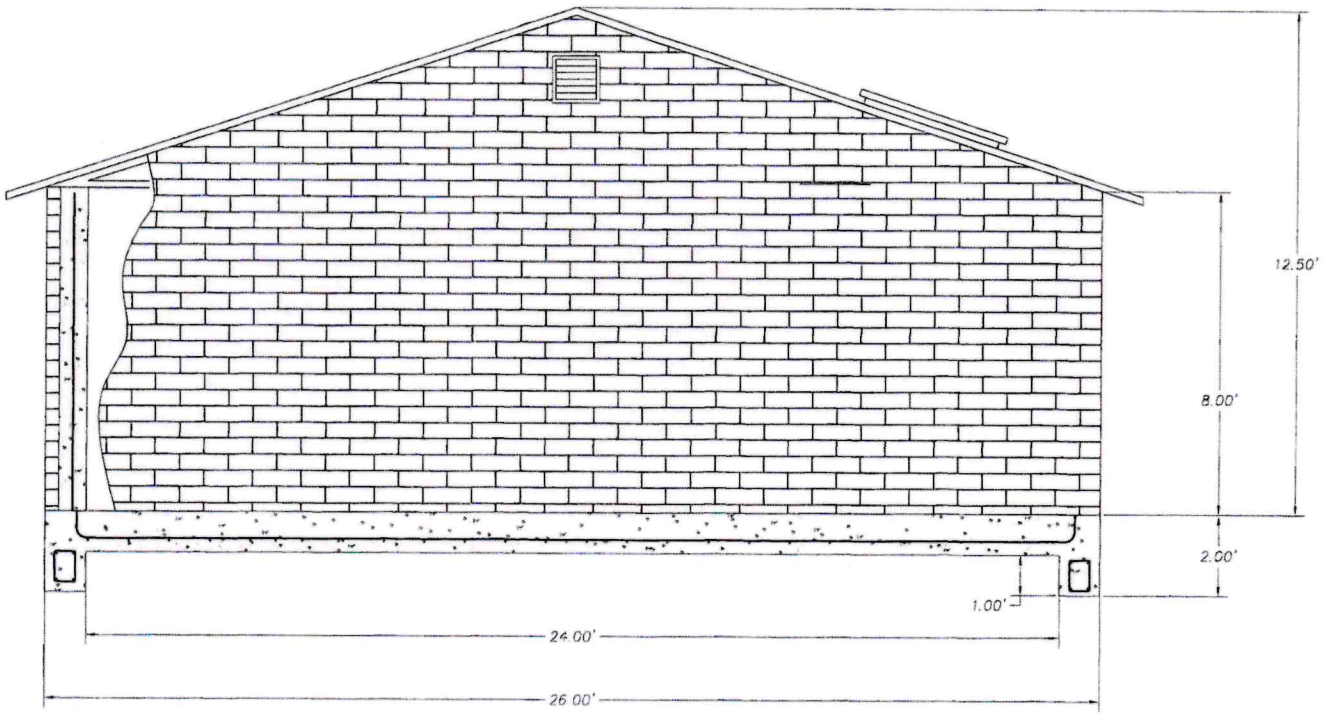
LUBBOCK
NORTH
CONNECTION

BOOSTER STATION
EAST ELEVATION

Revisions
No. Date

OJD Engineering, LLC
F-4393

Project No	24-LCN028
Date	July 2024
Drawn By	MJH
Checked By	MJH
Scale	1" = 16"
Sheet	5



OJD Engineering, LP
Consulting Engineers & Surveyors
P.O. Box 543
Wellington, TX 79095
806-447-2051
2429 Lakeview Drive
Amarillo, TX 79124
806-352-7117
328 E. Hwy 83 Unit #1
Mobeetie, TX 79261
806-751-2300

LUBBOCK
NORTH
CONNECTION

BOOSTER STATION
WEST ELEVATION

Revisions

No.	Date:

STATE OF TEXAS
MICHAEL J. ADAMS
98880
LICENSED
PROFESSIONAL ENGINEER
6-23-24

OJD Engineering, LLC
F-4393

Project No.	24-LB0028	Sheet:
Date:	July 2024	
Drawn By:	MJA	6
Checked By:	MJA	
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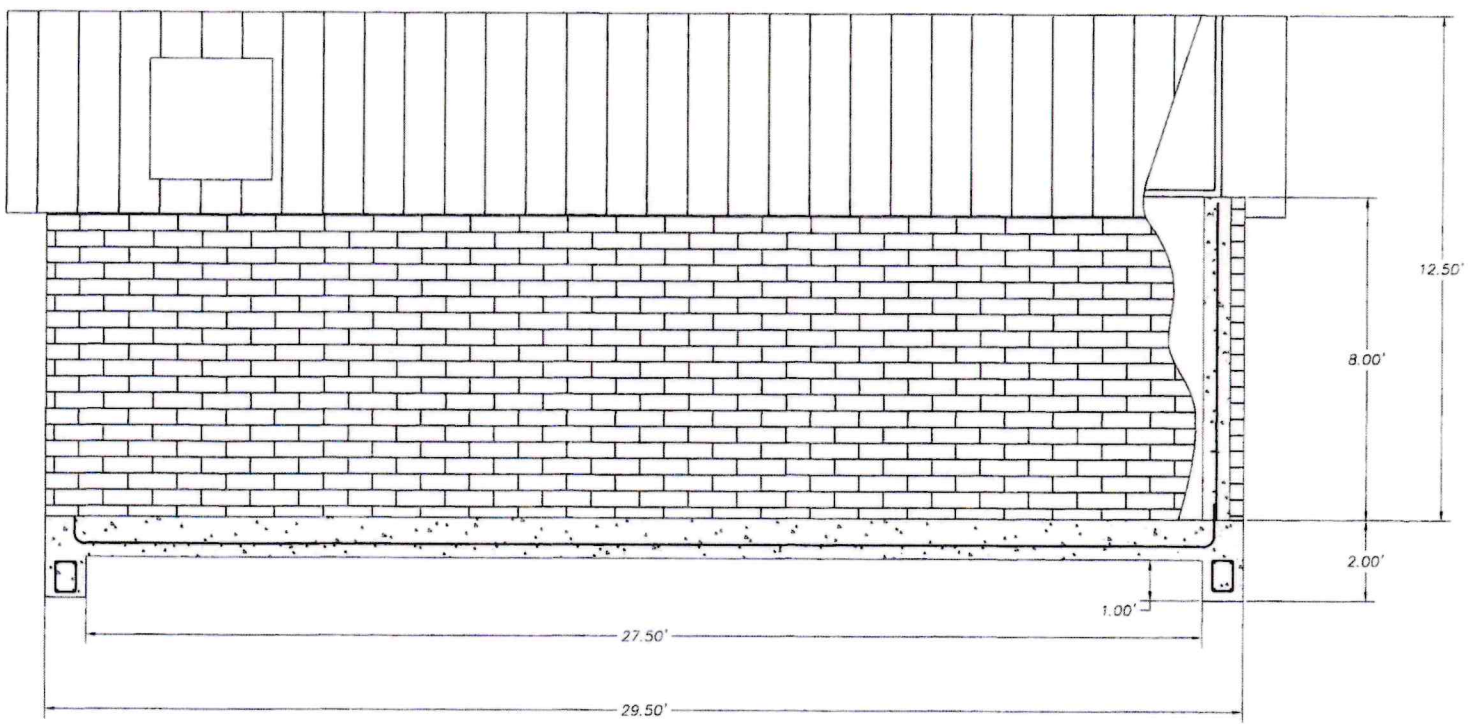


OJD Engineering, LP
Consulting Engineers & Surveyors
P.O. Box 943
Arlington, TX 76095
817-447-2503
2420 Lakeview Drive
Amarillo, TX 79120
806-352-7117
328 E. Hwy 62 Unit #1
Wolfforth, TX 79382
806-741-2350

LUBBOCK
NORTH
CONNECTION

BOOSTER STATION
SOUTH ELEVATION

Revisions

No.	Date:

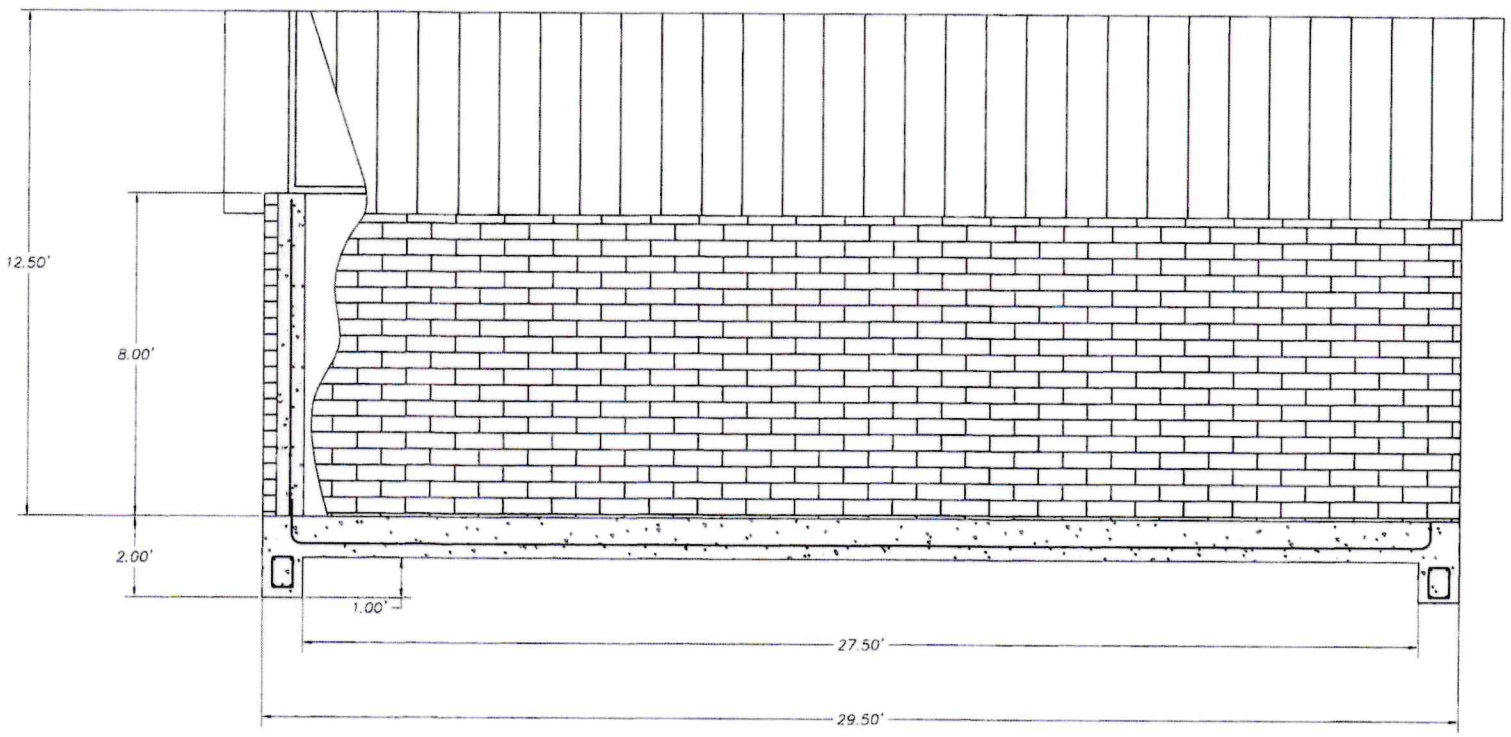
STATE OF TEXAS
MICHAEL J. ADAMS
5980
6-23-24

OJD Engineering, LLC
F-6393

Project No.	24-LUD026
Date:	July 2024
Drawn By:	MJA
Checked By:	MJA
Scale:	1" = 10'

Sheet

7



OJD Engineering, LP
Consulting Engineers & Surveyors
P.O. Box 943
Wellington, TX 79095
806-447-2503
2420 Lakeview Drive
Amarillo, TX 79159
806-352-2117
309 E. Hwy 83 Unit #1
Wellington, TX 79381
806-731-2206

LUBBOCK NORTH CONNECTION

BOOSTER STATION NORTH ELEVATION

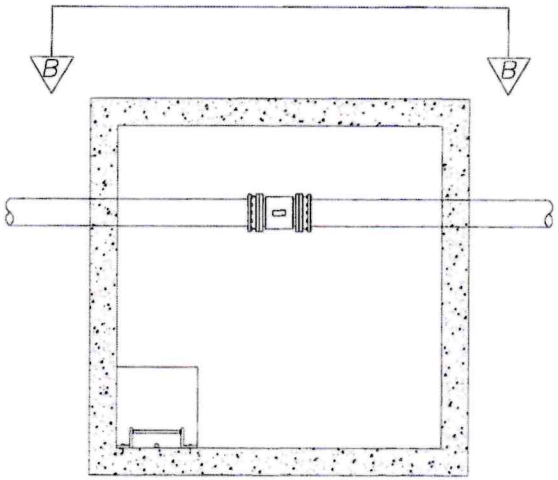
Revisions

No.	Date:

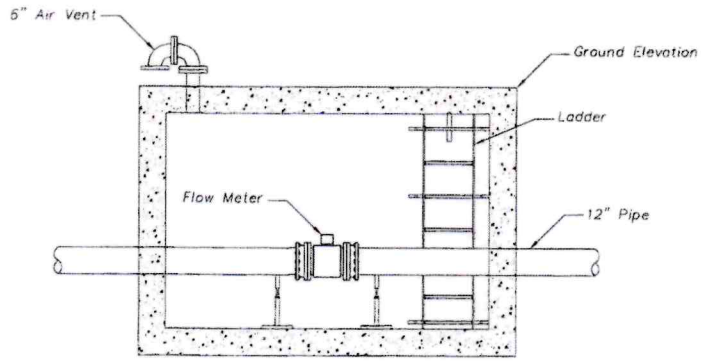
STATE OF TEXAS
MICHAEL J. ADAMS
16980
6-23-24

OJD Engineering, LLC
F-4393

Project No.	24-LZ0026	Sheet	
Date:	July 2024		
Drawn By:	MJA		8
Checked By:	MJA		
Scale:	1" = 10'		



Plan View



Section B–B

OJD Engineering, LP
Consulting Engineers & Surveyors
P.O. Box 542
Wellington, TX 79095
806-447-2553
2420 Lakeview Drive
Amarillo, TX 79108
806-352-7112
328 E. Hwy 83 Unit #1
Canyon, TX 79015
806-791-2309

LUBBOCK NORTH CONNECTION

WOLFFORTH CONTROL VALVE VAULT

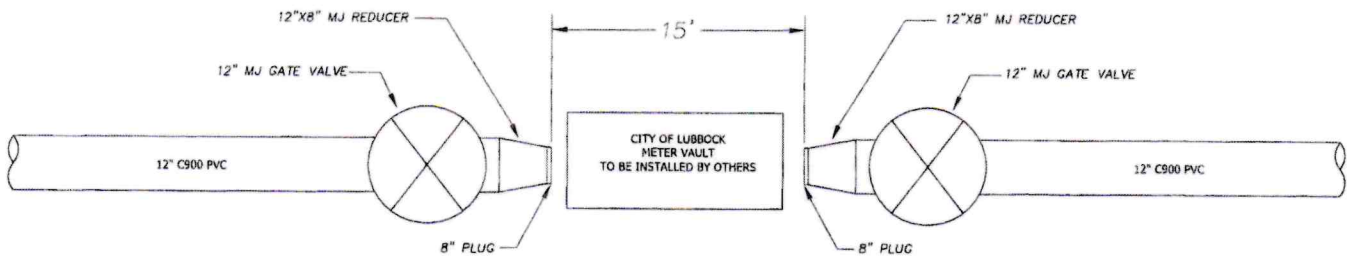
Revisions

No.	Date

STATE OF TEXAS
MICHAEL J. JOHNS
06660
LICENSED
PROFESSIONAL ENGINEER
6-23-24

OJD Engineering, LLC
F-4393

Project No.	24-460026	Sheet	
Date	July 2024		9
Drawn By:	MJA		
Checked By:	MJA		
Scale	1" = 2'		



Lubbock Flow Meter Vault

OJD Engineering, LP
Consulting Engineers & Surveyors
P.O. Box 543
Arlington, TX 76095
817-467-2552
2420 Lakeview Drive
Amarillo, TX 79109
806-352-7117
309 E. Hwy 62 Unit #1
Wolfforth, TX 79382
806-791-2200

LUBBOCK
NORTH
CONNECTION

LUBBOCk FLOW
METER VAULT

Revisions
No. Date:

STATE OF TEXAS
MICHAEL J ADAMS
98660
LICENSED
6-23-24

OJD Engineering, LLC
F-4393

Project No.	24-LB0026	Sheet:
Date:	July 2024	
Drawn By:	MJA	10
Checked By:	MJA	
Zone:	NTS	