

***DRAWINGS***

# CITY OF KINGSVILLE

## 2019 WATER WELL #23

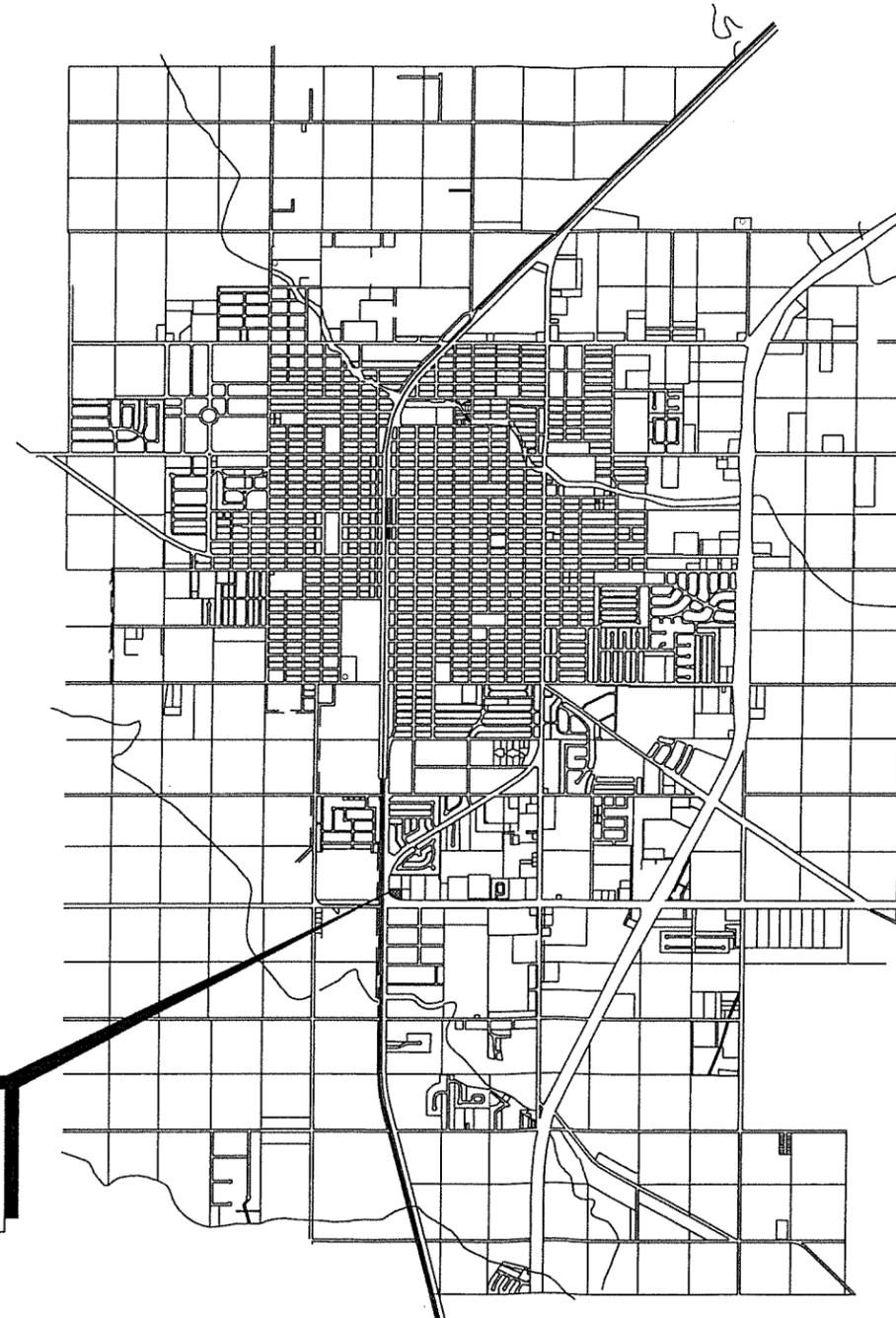
### GROUND STORAGE TANK REPLACEMENT

MAYOR  
SAM FUGATE

CITY MANAGER  
JESUS A. GARZA

CITY COMMISSIONERS  
HECTOR M. HINOJOSA  
DIANNE LEUBERT  
ARTURO PECOS  
EDNA LOPEZ

**PROJECT LOCATION**  
2602 S. 6TH ST

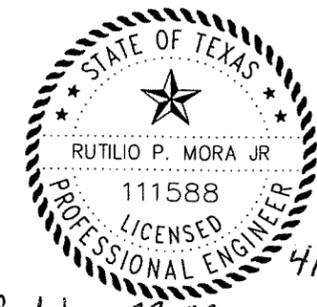


LOCATION MAP  
NOT TO SCALE

MARCH 2019

SHEET INDEX	
SHEET	TITLE
1	COVER SHEET
2	OVERALL SITE PLAN
3	EXISTING SITE AND DEMOLITION PLAN
4	STORAGE TANK DETAILS I
5	STORAGE TANK DETAILS II

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Drawn by: J. RAMIREZ  
Date: 2/22/2019  
Checked by: R. MORA  
Job:  
Scale: N.T.S.

2019 WATER WELL #23  
GROUND STORAGE TANK REPLACEMENT  
COVER SHEET

SHEET  
1

LEGEND	
	STATIONING
	PROP. WATER PLUG
	PROP. FLOW REDUCER
	PROP. TREE
	EXIST. TWIN LIGHT POST
	EXIST. WATERLINE
	EXIST. SEWER LINE
	EXIST. OVERHEAD ELECTRIC
	EXIST. FENCELINE
	EXIST. GASLINE
	EXIST. FIBER OPTIC

**PROJECT SITE**



**GENERAL NOTES:**

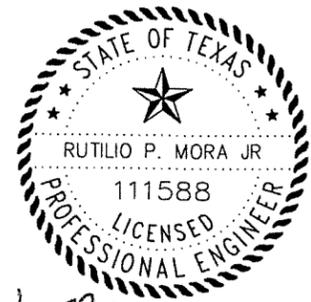
1. ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF KINGSVILLE CODES AND REGULATIONS.
2. CONTRACTOR TO VERIFY LOCATION AND ELEVATIONS OF EXISTING FACILITIES PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED AT NO SEPARATE PAY.
4. CONTRACTOR SHALL COORDINATE WITH THE CITY OF KINGSVILLE ON WORK SCHEDULES, TESTING AND GENERAL INSPECTION.
5. ALL SPOIL MATERIAL AND DEBRIS SHALL BE DISPOSED OF BY CONTRACTOR. FURNISHING AND TRANSPORTATION OF ALL OFFSITE MATERIAL TO BE AT NO SEPARATE PAY.
6. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL RETURN THE SITE TO ORIGINAL CONTOURS UNLESS DIFFERENT FINISH ELEVATION ARE SHOWN ON PLAN. CONTRACTOR SHALL INSURE NO PONDING AREAS ARE PRESENT.
7. LOCATION OF EXISTING UTILITIES ON THESE DRAWINGS ARE BASED ON BEST AVAILABLE INFORMATION AND ARE APPROXIMATE ONLY. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
8. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT EXISTING UTILITIES. ALL PIPES AND UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED TO THE CITY'S APPROVAL AT NO SEPARATE PAY. EXISTING UNDERGROUND UTILITIES AS UTILITIES AS SHOWN ON PLANS ARE LOCATED AT THE APPROXIMATE LOCATIONS AND DEPTHS. UTILITIES FOUND OTHER THAN AS SHOWN ON PLANS SHALL BE UNCOVERED BY THE CONTRACTOR AND BROUGHT TO THE ATTENTION OF THE ENGINEER AND/OR INSPECTOR. THIS WORK WILL NOT BE PAID FOR DIRECTLY BUT CONSIDERED SUBSIDIARY TO THE VARIOUS BID ITEMS.
9. GROUND STORAGE TANK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) RULES AND REGULATIONS FOR THE PUBLIC WATER SYSTEMS, 30 TEXAS ADMINISTRATIVE CODE (TAC), CHAPTER 290, SUBCHAPTER D. THIS SHALL INCLUDE BUT NOT BE LIMITED TO ALL SAMPLING PROCEDURES.

 **OVERALL SITE PLAN**  
SCALE: 1:500

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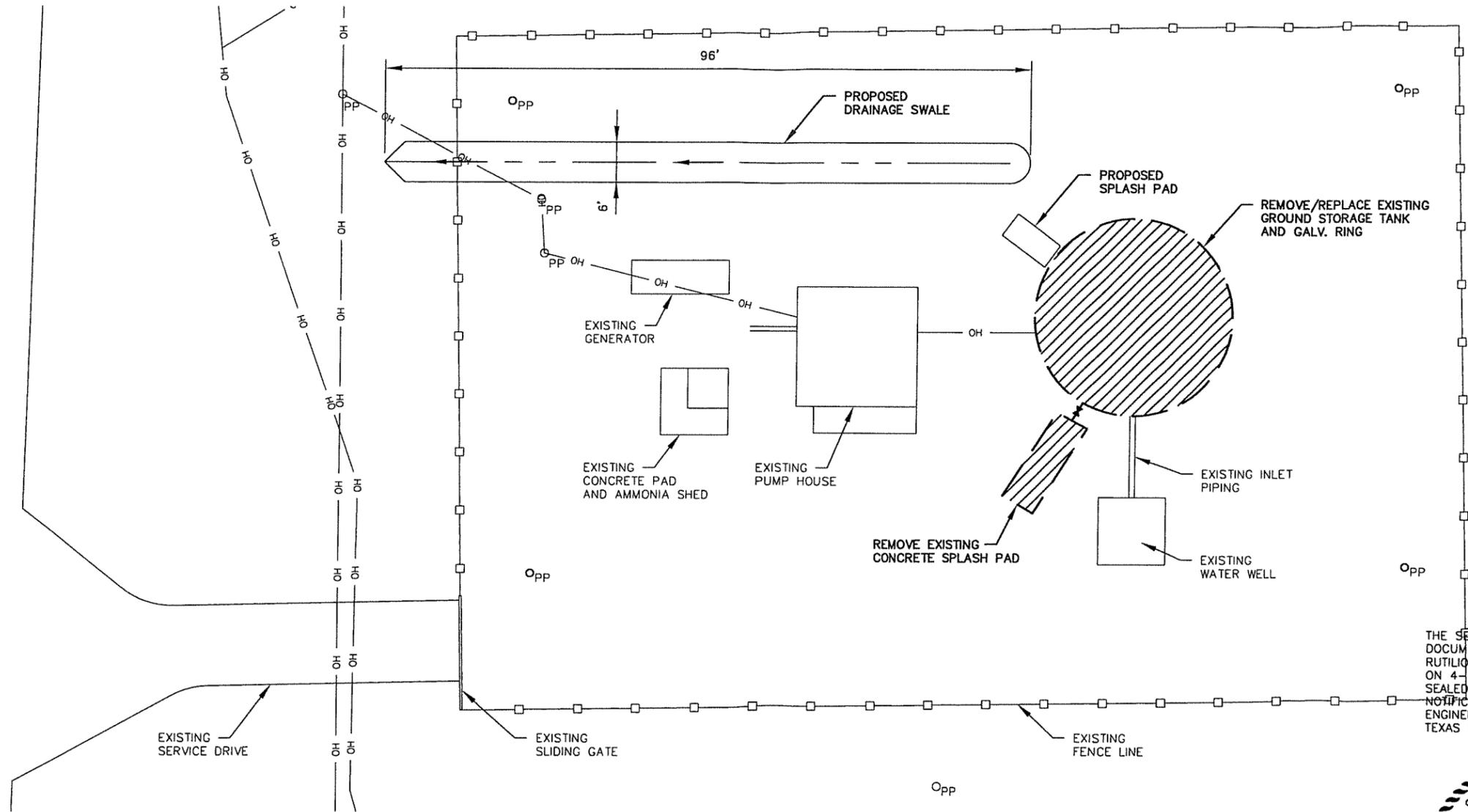


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<b>2019 WATER WELL #23</b> <b>GROUND STORAGE TANK REPLACEMENT</b> <b>OVERALL SITE PLAN</b>			
		SHEET 2	

LEGEND	
O <sub>pp</sub>	EXIST. POWER POLE
— W —	EXIST. WATERLINE
— OH —	EXIST. OVERHEAD ELECTRIC
— □ —	EXIST. FENCELINE

6TH ST. (BUSINESS HWY. 77)



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A  
3

EXISTING SITE AND DEMOLITION PLAN

SCALE: 1:20



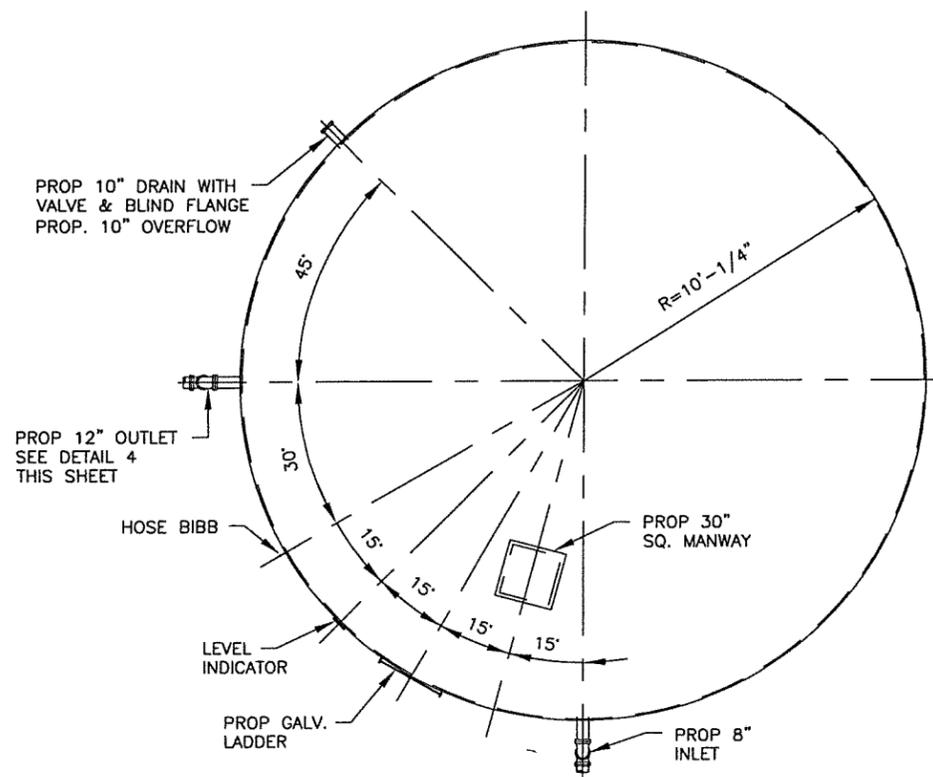
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GROUND STORAGE TANK REPLACEMENT  
EXISTING SITE AND DEMOLITION PLAN

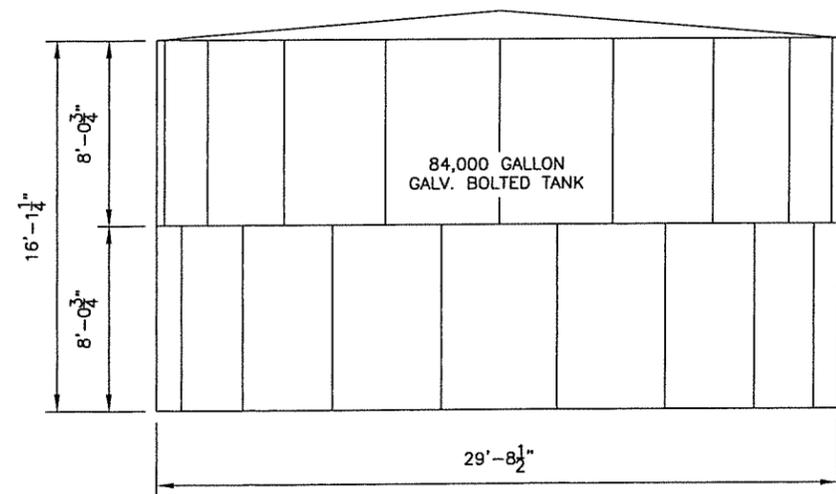
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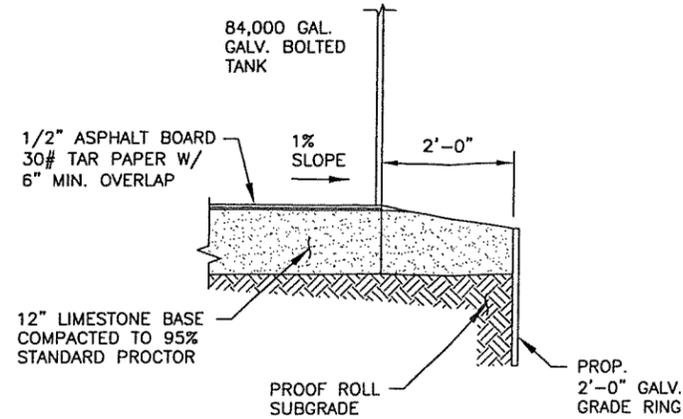




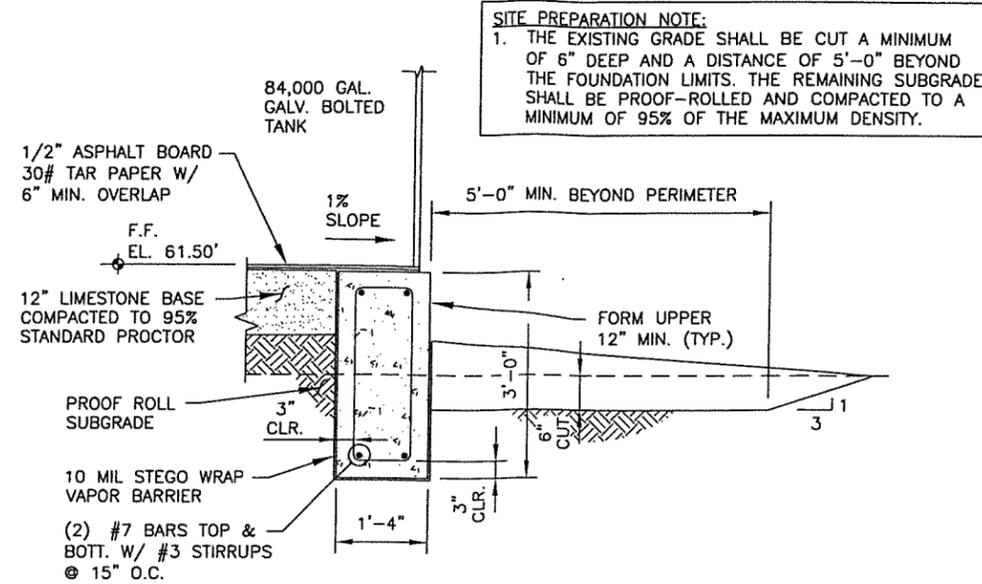
**A** ORIENTATION PLAN  
2 SCALE: 1/8" = 1'-0"



**B** ELEVATION VIEW  
2 SCALE: 1/8" = 1'-0"

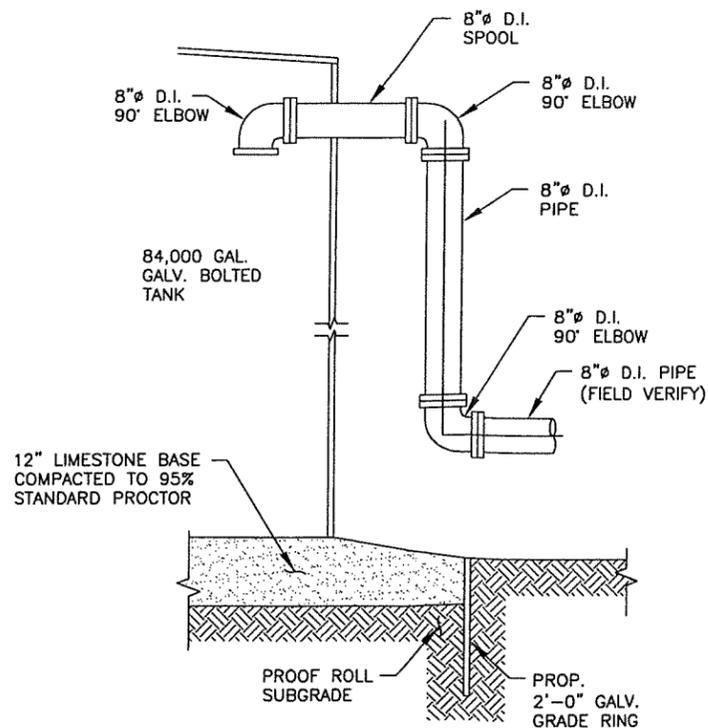


**1** FOUNDATION DETAIL  
4 SCALE: 3/8" = 1'-0"

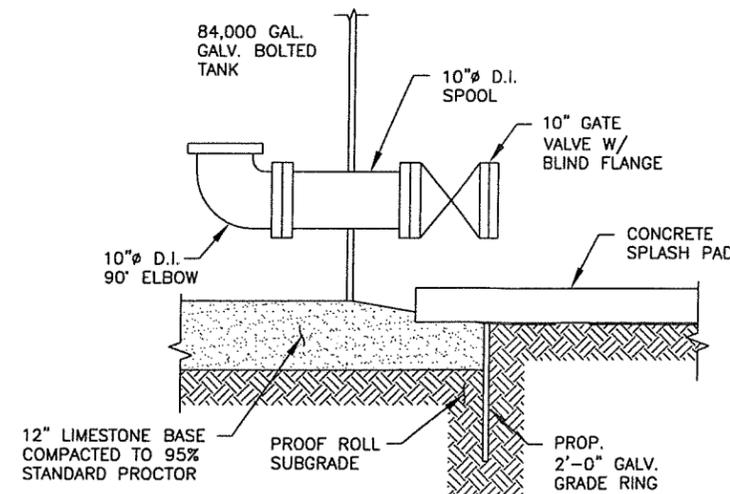


**SITE PREPARATION NOTE:**  
1. THE EXISTING GRADE SHALL BE CUT A MINIMUM OF 6" DEEP AND A DISTANCE OF 5'-0" BEYOND THE FOUNDATION LIMITS. THE REMAINING SUBGRADE SHALL BE PROOF-ROLLED AND COMPACTED TO A MINIMUM OF 95% OF THE MAXIMUM DENSITY.

**2** FOUNDATION DETAIL (ALT 1)  
4 SCALE: 3/8" = 1'-0"

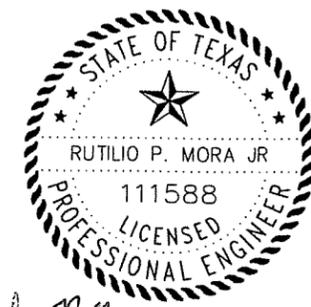


**3** INLET DETAIL  
4 SCALE: 3/8" = 1'-0"



**4** OUTLET DETAIL  
4 SCALE: 3/8" = 1'-0"

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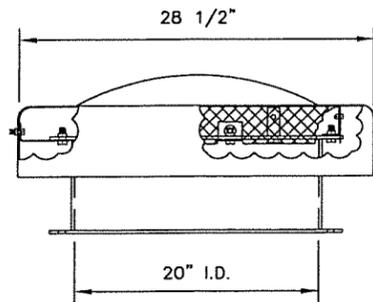


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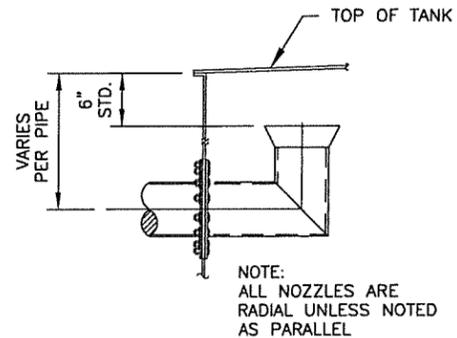
**2019 WATER WELL #23  
GROUND STORAGE TANK REPLACEMENT  
STORAGE TANK DETAILS I**

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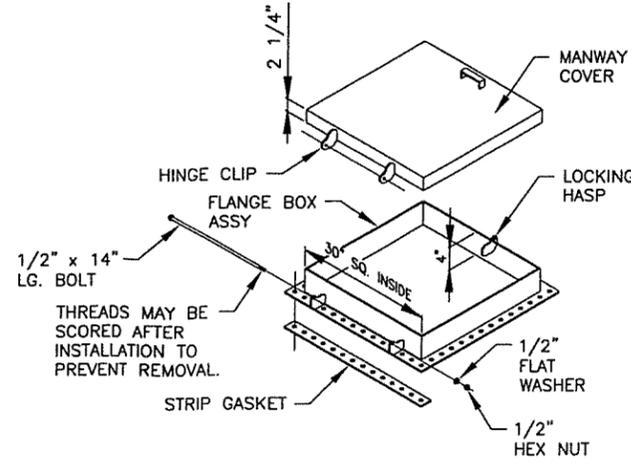
1 TYP. MANHOLE COLLAR  
W/ VENTILATOR ASSEMBLY

5 N.T.S.



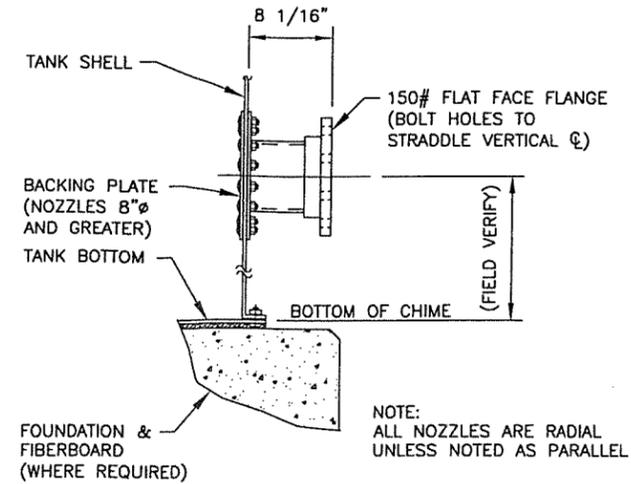
2 TYP. OVERFLOW  
WEIR CONE INSTALLATION

5 N.T.S.



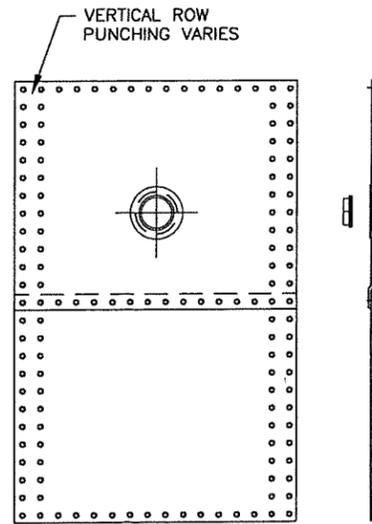
3 TYP. BOLT-ON MANHOLE  
W/ LOCKABLE HASP

5 N.T.S.



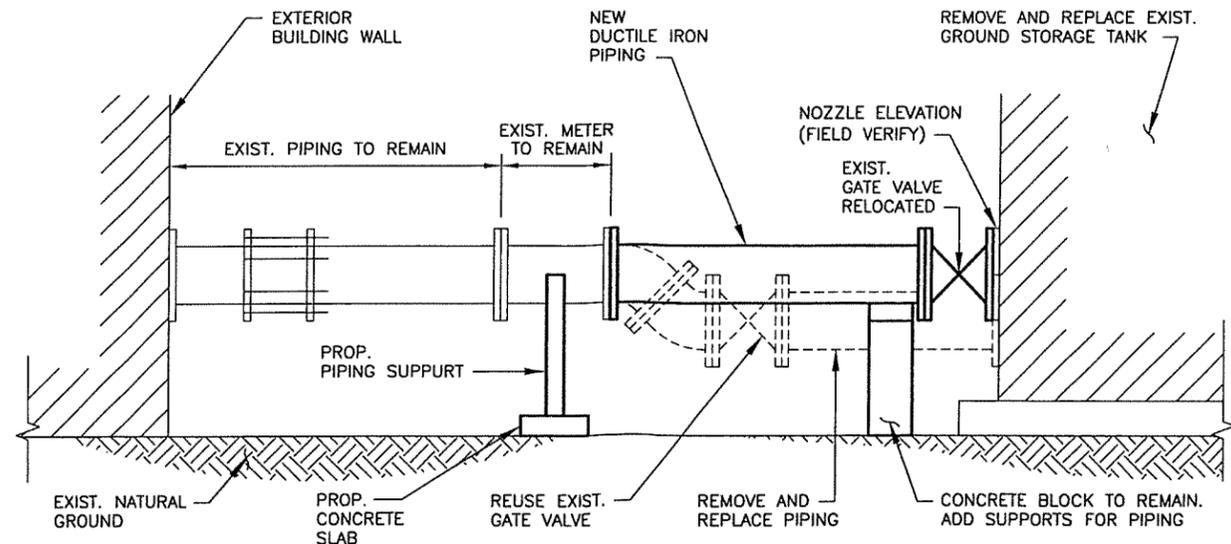
4 TYP. EXTERIOR  
NOZZLE INSTALLATION

5 N.T.S.



5 TYP. CLEAN OUT

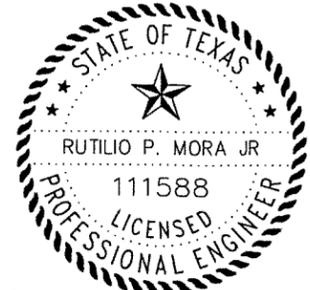
5 N.T.S.



A EXISTING ELEVATION

5 N.T.S.

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STORAGE TANK DETAILS II