

Cherokee Hills Water System

Addition of New Well and Plumbing Modifications

Franklin County, Virginia



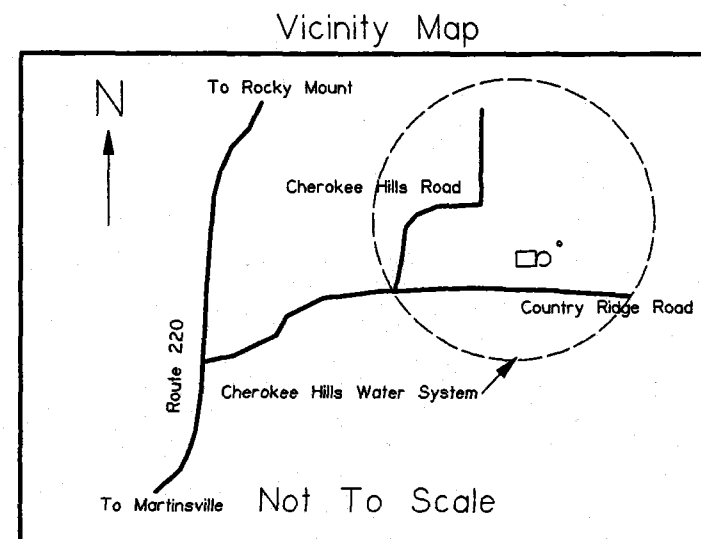
Approved By MD Shultz P.E.
 Approval Date 7/13/11
 Field Office 05 Danville
 No. Name
 City/County 067 Franklin County
 No. Name
 Construction Permit No. NA
 Project No. 15338
 Project Name Cherokee Hills well addition
 PWSID No. 5067070
 Waterworks Name Cherokee Hills

OWNER:

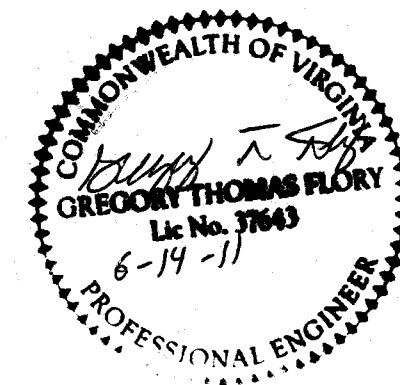
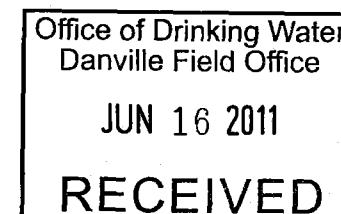
Cherokee Hills Water Company
 Contact Person: Gregory Flory
 Phone Number: (540) 344-9800
 Fax Number: (540) 344-9806

Engineer:

Gregory T. Flory, P.E.
 National O&M, Inc.
 P.O. Box 21187
 Roanoke, Virginia 24018
 Phone Number: (540) 345-9200



June 14, 2011



National O&M, Inc
 P.O. Box 21187
 Roanoke, VA 24018
 PH (540) 345-9200

Cherokee Hills
 Water System
 New Well
 Addition
 Henry, Franklin County, Virginia

Date:
 6-14-11

Tech:
 GTF

Checked
 By:

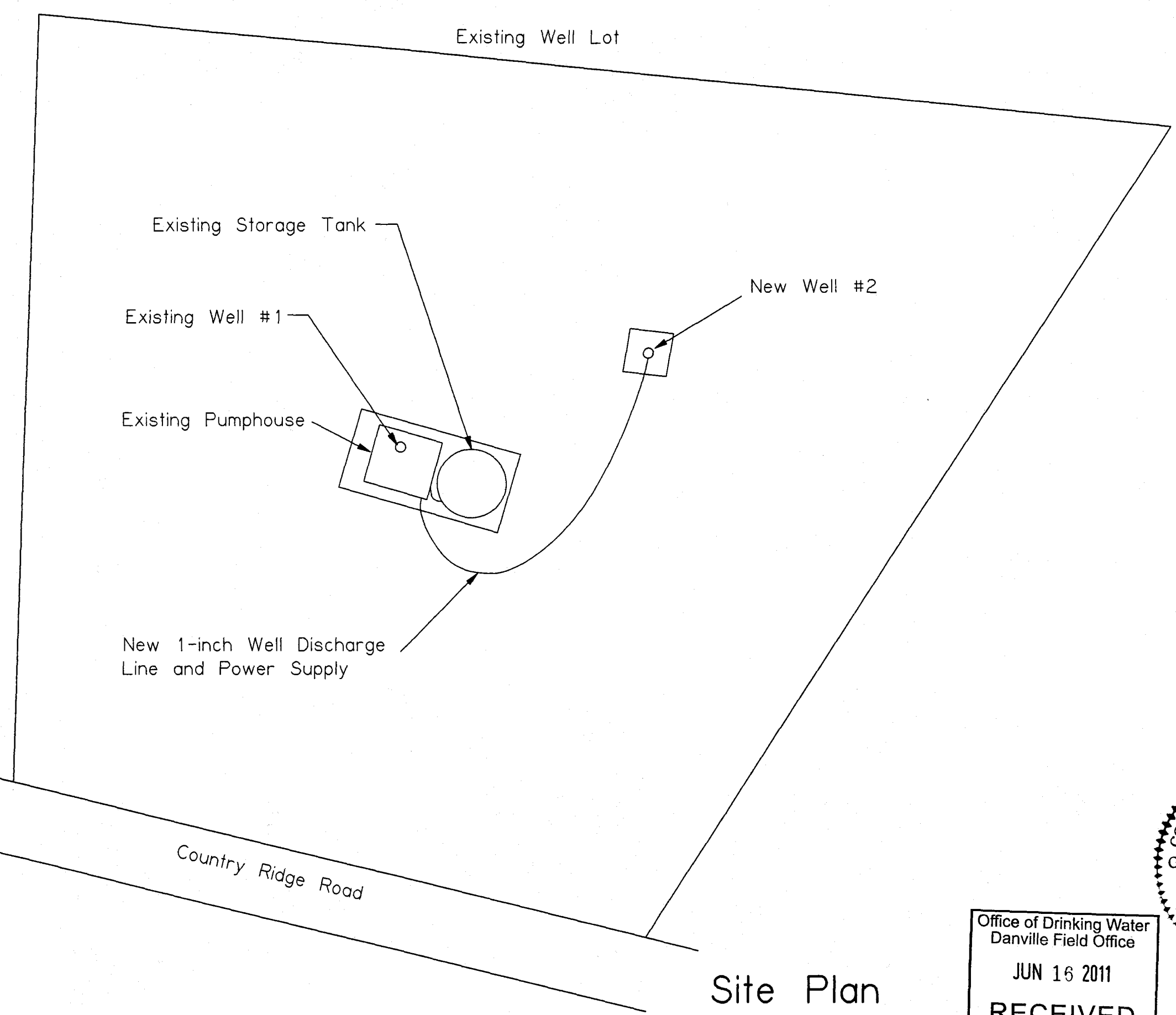
Revisions

No.	Date

Scale As
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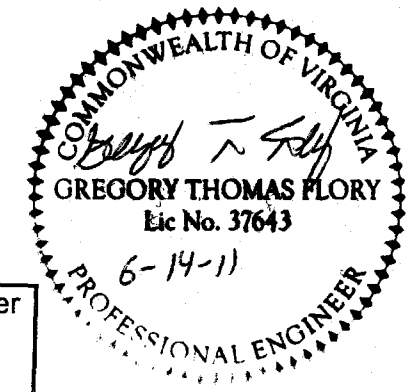
Sheet No.
 1 of 5

Drawing No.
 "NA"



Site Plan

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 Danville Field Office
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National O&M, Inc P.O. Box 21187 Roanoke, VA 24018 PH: (540) 345-9200	
Cherokee Hills Water System New Well Addition Henry, Franklin County, Virginia	
Date: 6-14-11	
Tech: GTF	
Checked By:	
Revisions	
No.	Date
Scale: 1" = 15'	
Sheet No. 2 of 5	
Drawing No. "NA"	

Specifications

Well #2 Summary

Classification: IIB

Static Water Level 53 Feet

Drawdown: 15 gpm @ 69 Feet

Well Depth 257 Feet

Wellhead Elevation: 1280 Feet

Well Cap

Provide Boshart Industries Watertight Well Cap, WTCC-6-CI or Approved Equal

Pitless Unit

Simmons Model 1820 - 1" Heavy Duty or Approved Equal

Well Pump

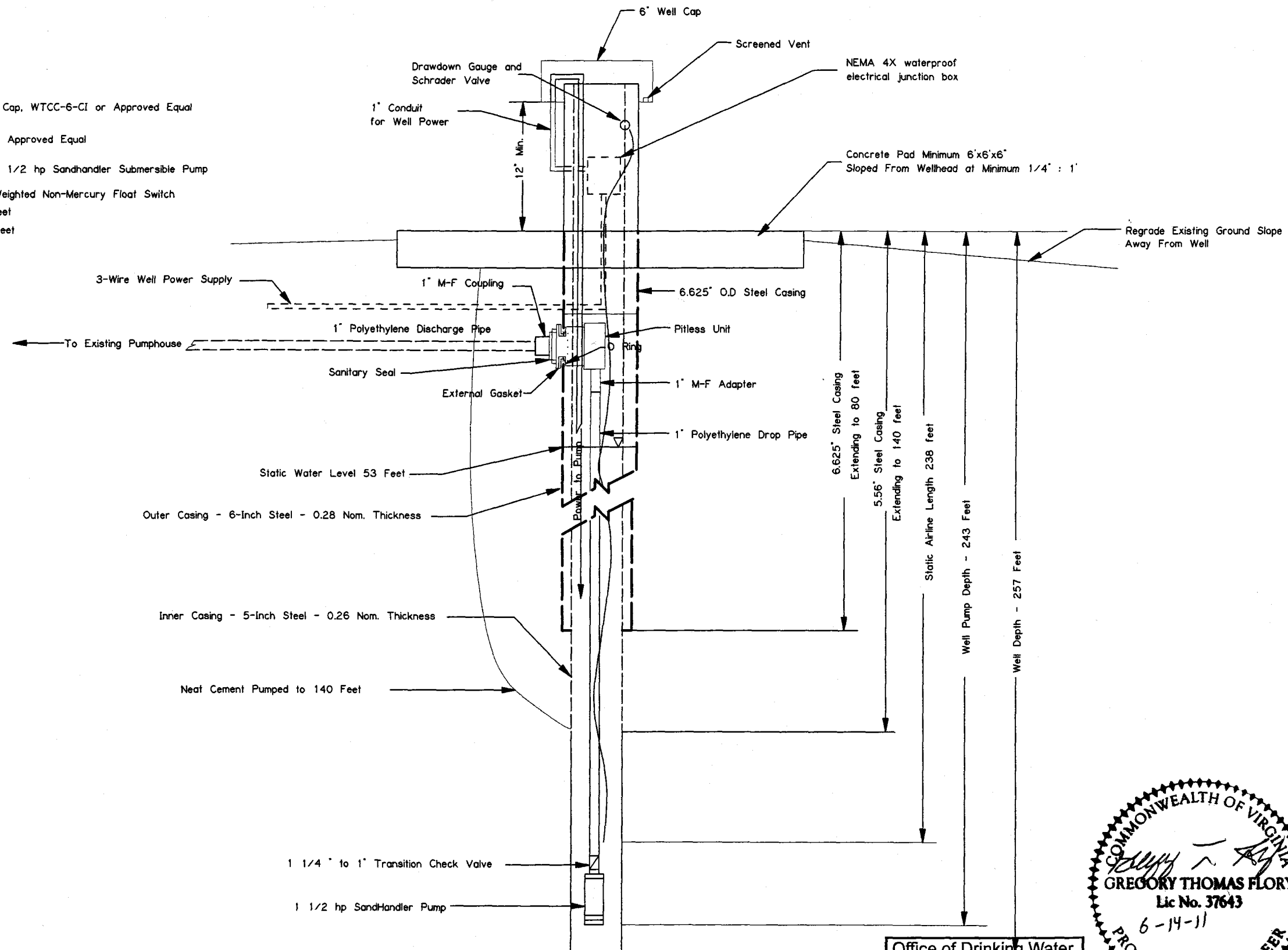
Franklin Electric Model 10JS15S4-PE - 1 1/2 hp Sandhandler Submersible Pump

Well Pump To Be Controlled By Existing Weighted Non-Mercury Float Switch

Storage Tank Pump On Elevation 1289 Feet

Storage Tank Pump Off Elevation 1292 Feet

All Piping Shall Meet NSF Standard 61

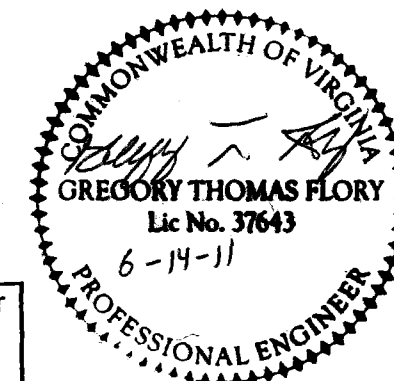


Well #2 - Wellhead Detail

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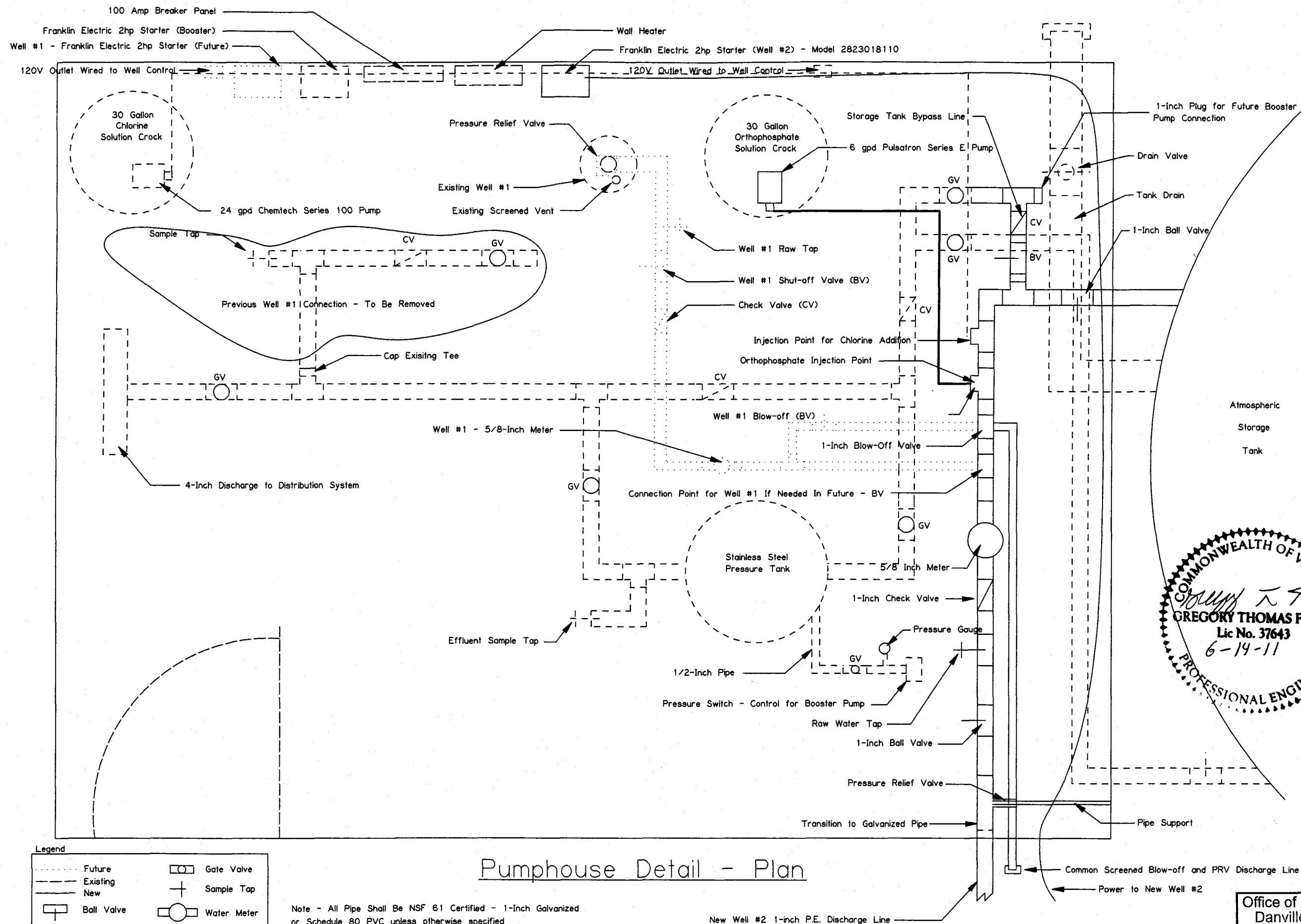
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Pumphouse Detail - Plan

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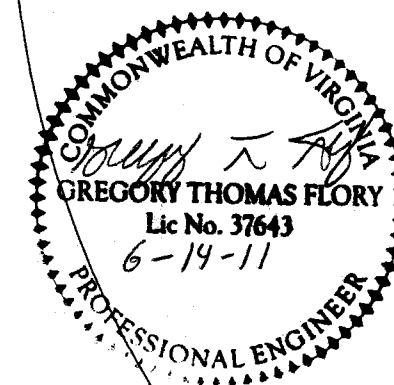
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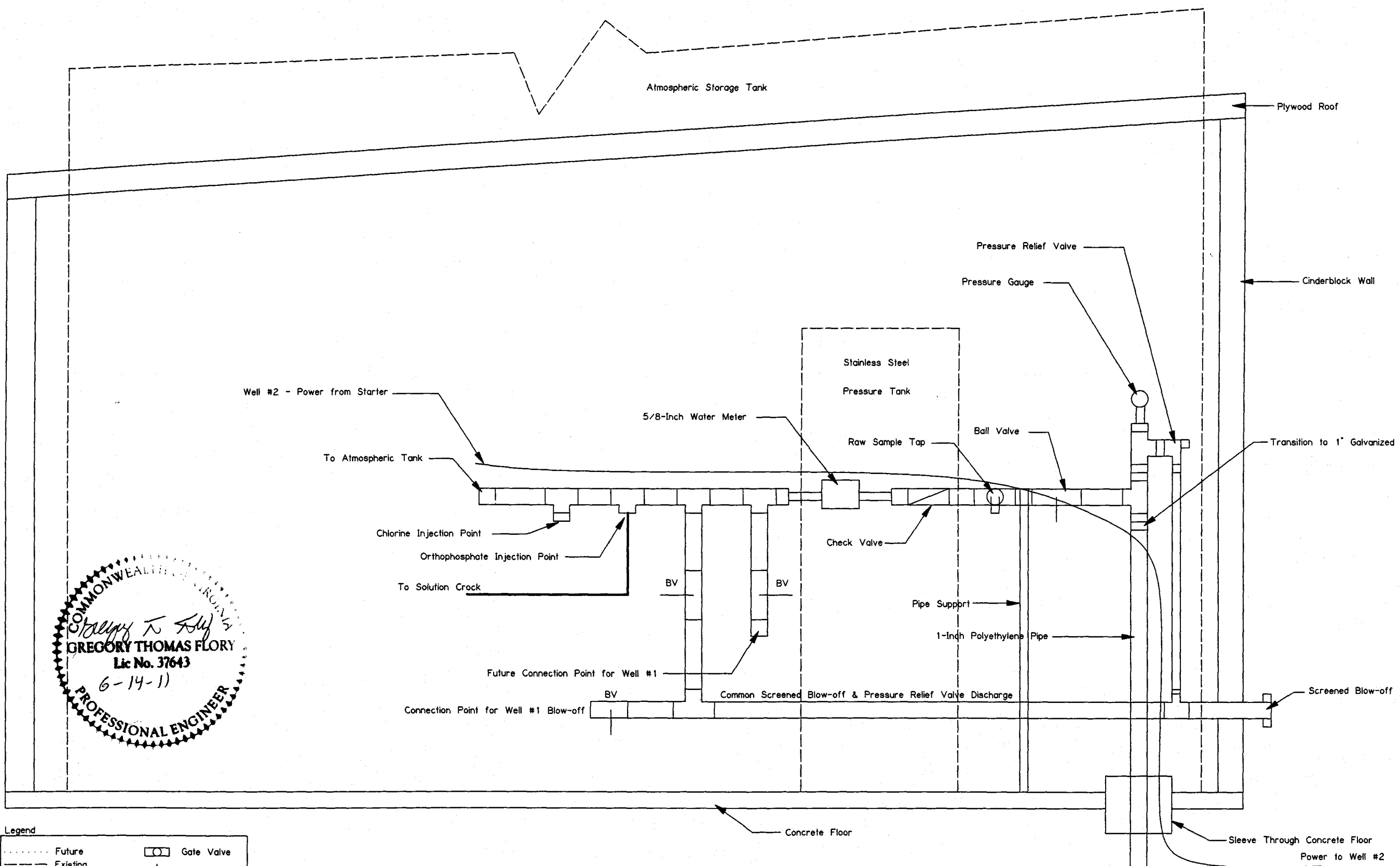
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Drawing No.
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COMMONWEALTH OF VIRGINIA
GREGORY THOMAS FLORY
Lic No. 37643
6-14-11
PROFESSIONAL ENGINEER

Legend

.....	Future		Gate Valve
---	Existing		Sample Tap
---	New		Ball Valve
	Check Valve		Water Meter

Note - All Pipe Shall Be NSF 61 Certified - 1-Inch Galvanized or Schedule 80 PVC unless otherwise specified

Well #2 Pumphouse Detail - Profile

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