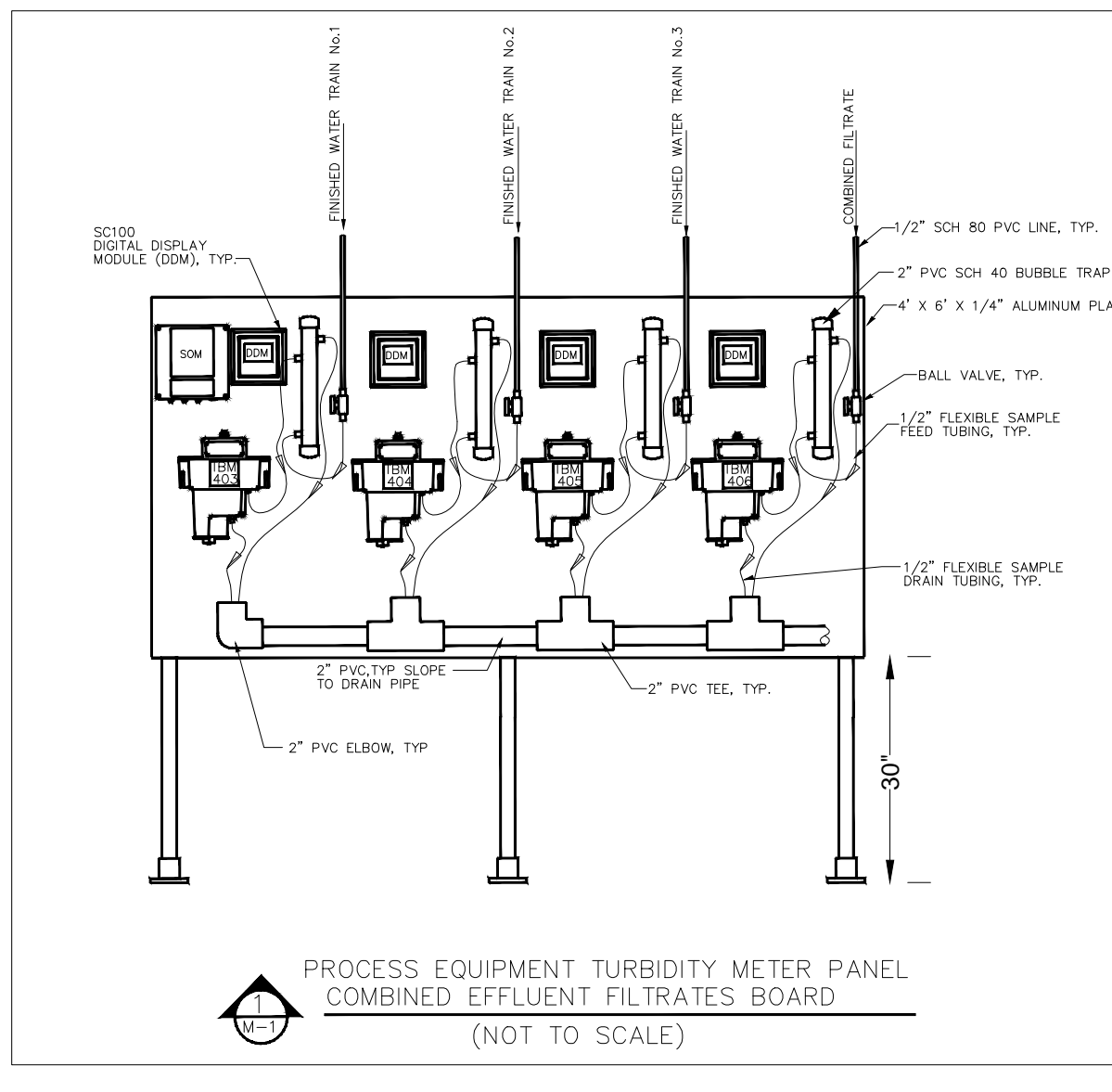
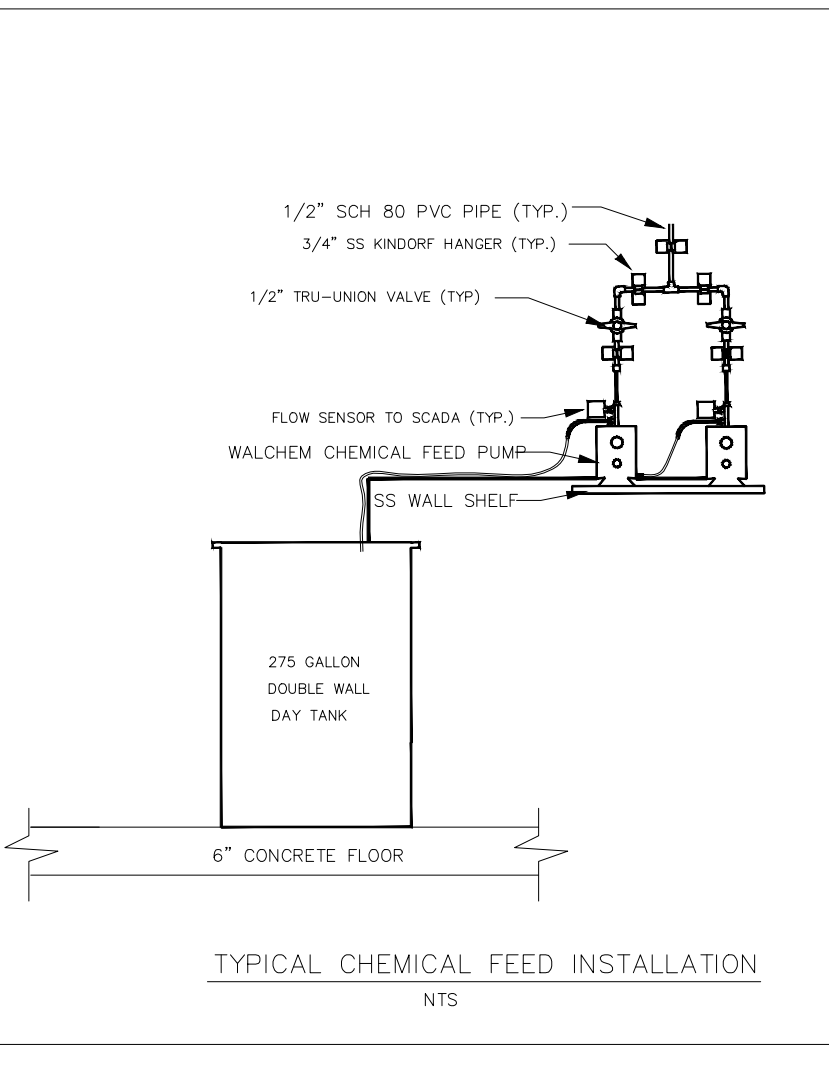


PLAN VIEW  
SCALE: 1/2" = 1'0"

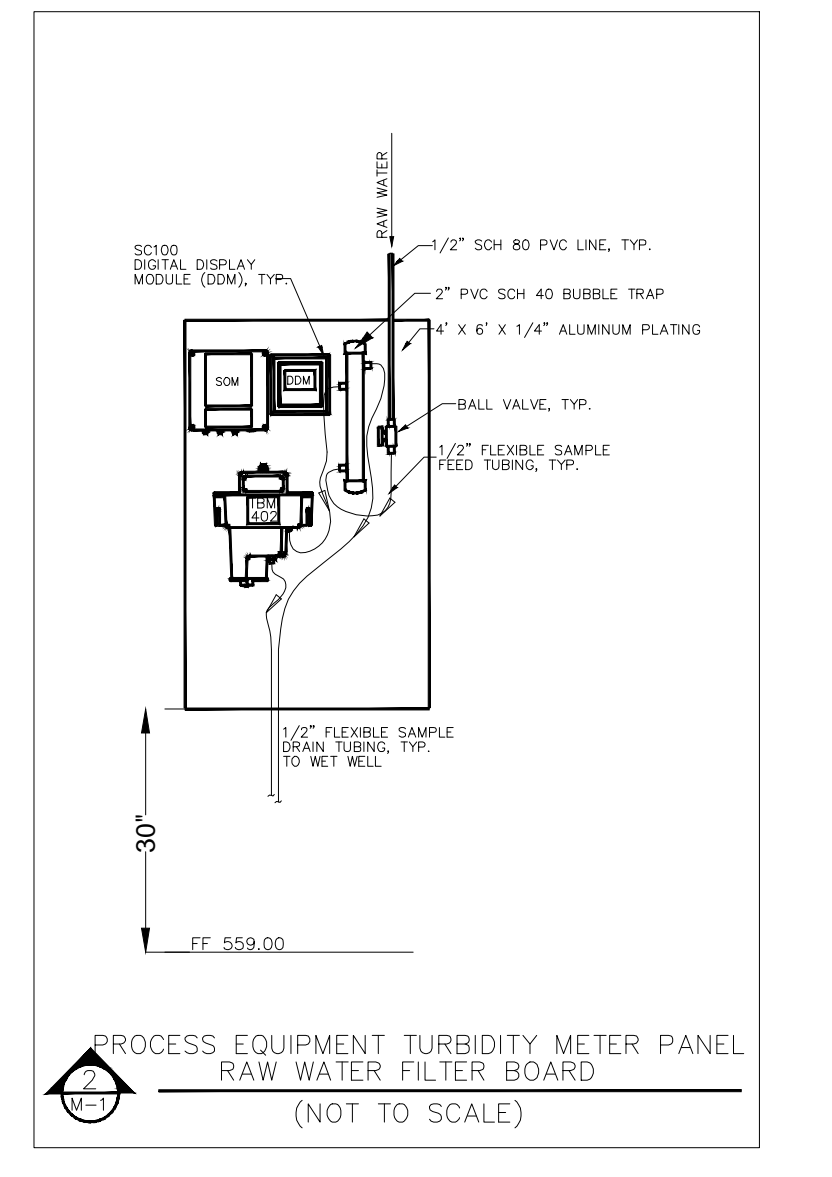
**WATER TREATMENT DESIGN BASIS**  
DESIGN FLOWS: 127,612 DAILY FLOW  
255,224 PEAK DAY FLOW  
FILTER DESIGN: 2 TRAINS = 288,000 GPD



PROCESS EQUIPMENT TURBIDITY METER PANEL COMBINED EFFLUENT FILTRATES BOARD (NOT TO SCALE)



TYPICAL CHEMICAL FEED INSTALLATION NTS



PROCESS EQUIPMENT TURBIDITY METER PANEL RAW WATER FILTER BOARD (NOT TO SCALE)

GENERAL NOTES:  
ALL WATER SYSTEM EQUIPMENT NOT SPECIFICALLY INDICATED ON PLANS AND DETAILS MAY BE ACCEPTABLE TO OWNER AND ENGINEER, BUT CAN ONLY BE SUBSTITUTED WITH APPROVED EQUAL IF APPROVED IN WRITING BY ENGINEER AND OWNER.

PRELIMINARY PLANS, FOR PLANNING AND PERMITTING ONLY, NOT FOR CONSTRUCTION

No.	Revision	Date	Appr.

Silo Ridge  
Resort Community  
4651 Route 22, Town of Amenia  
Dutchess County, New York

Site Plan - Phase 1  
Not Issued for Construction  
Drawing Title

WELL HOUSE  
FLOOR PLAN

Drawing Number  
**C8.02**  
Sheet of  
JAMES F. SLOZZO  
N.Y. Professional Engineer  
NY Lic. No. 47185  
Project Number  
29011.00  
14-050 SLO WATER PLANT.DWG



**OWNER:**  
**Silo Ridge Ventures, LLC**  
 5021 Route 44  
 Amenia, New York 12501  
 845.373.8020

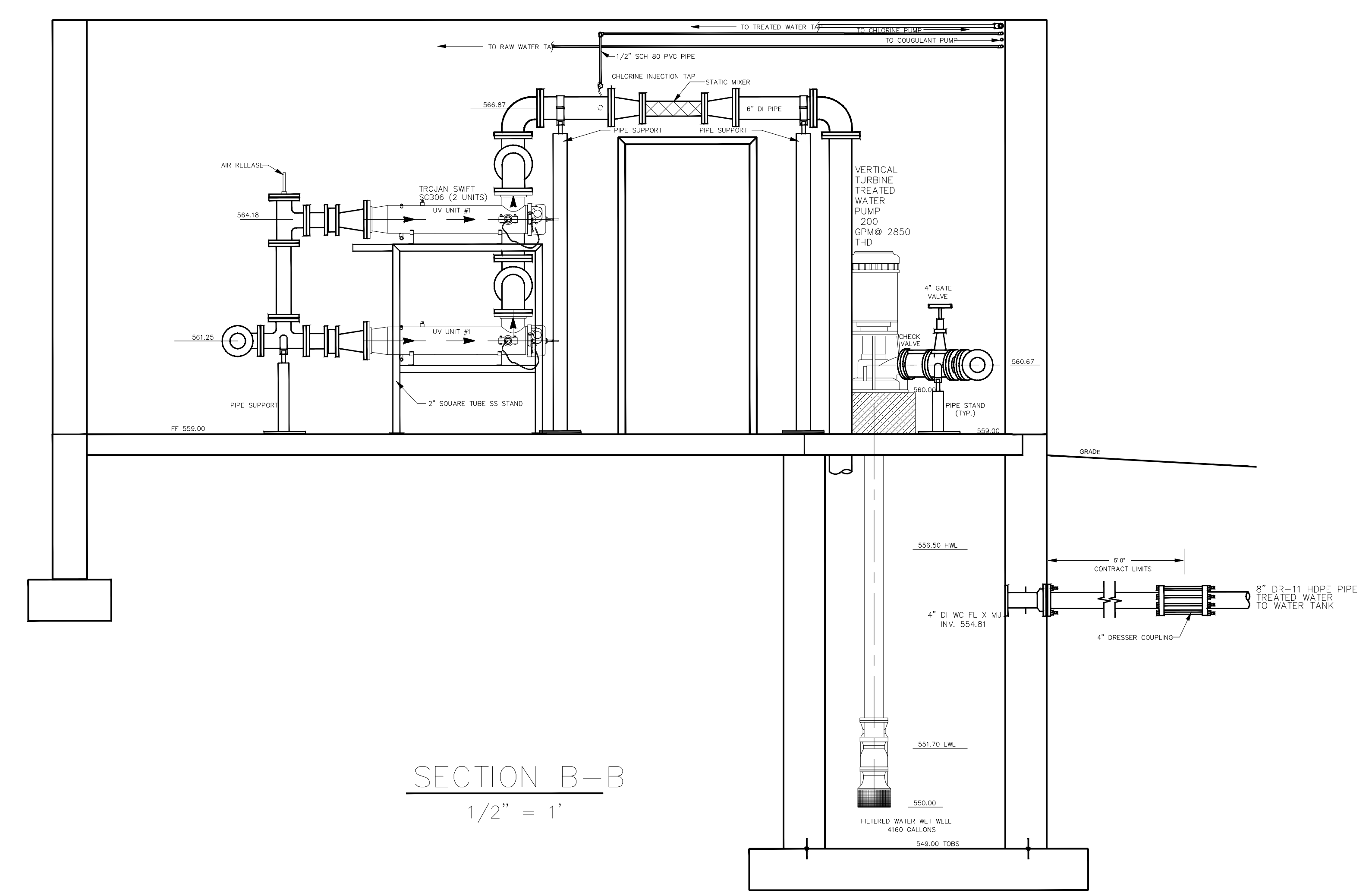
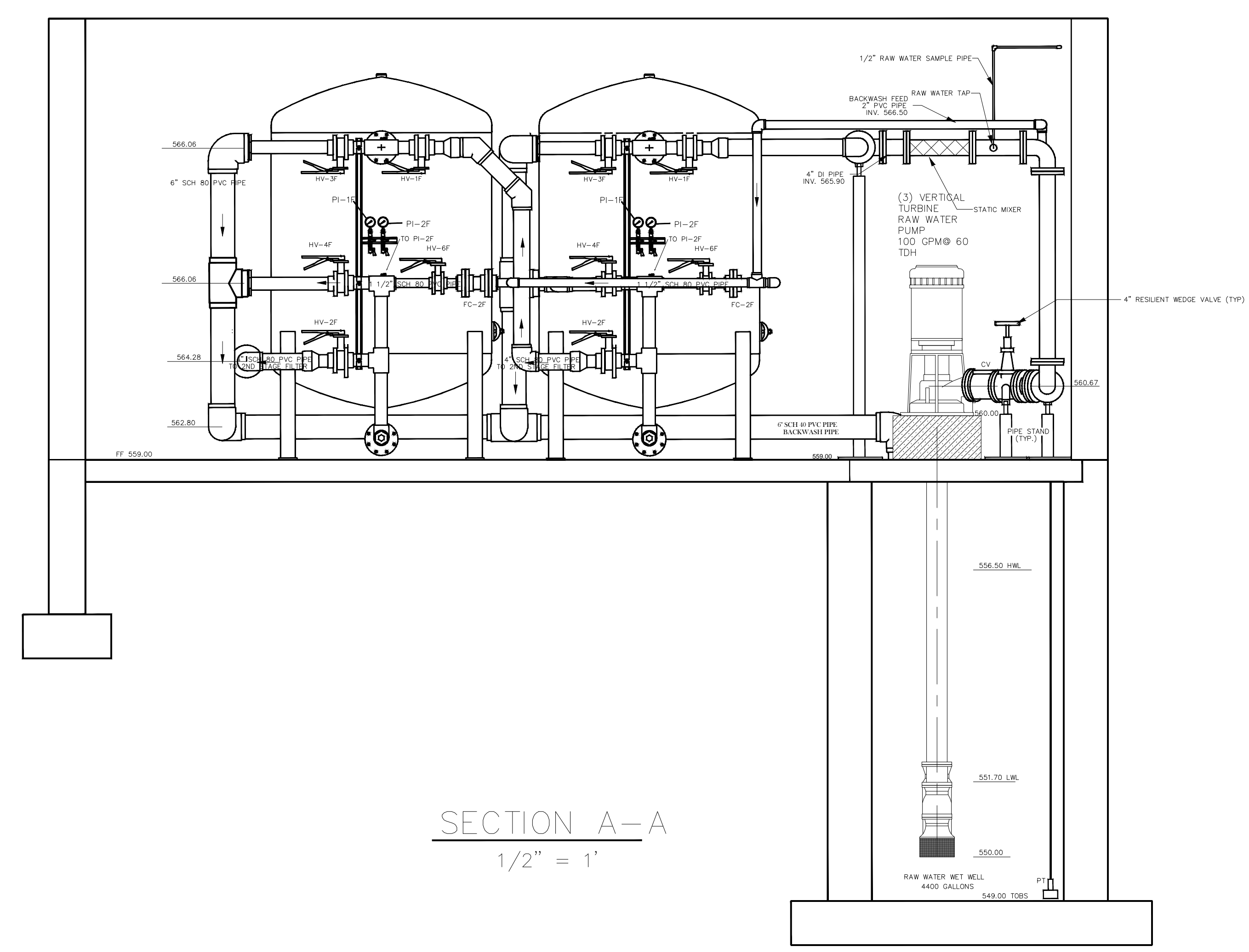
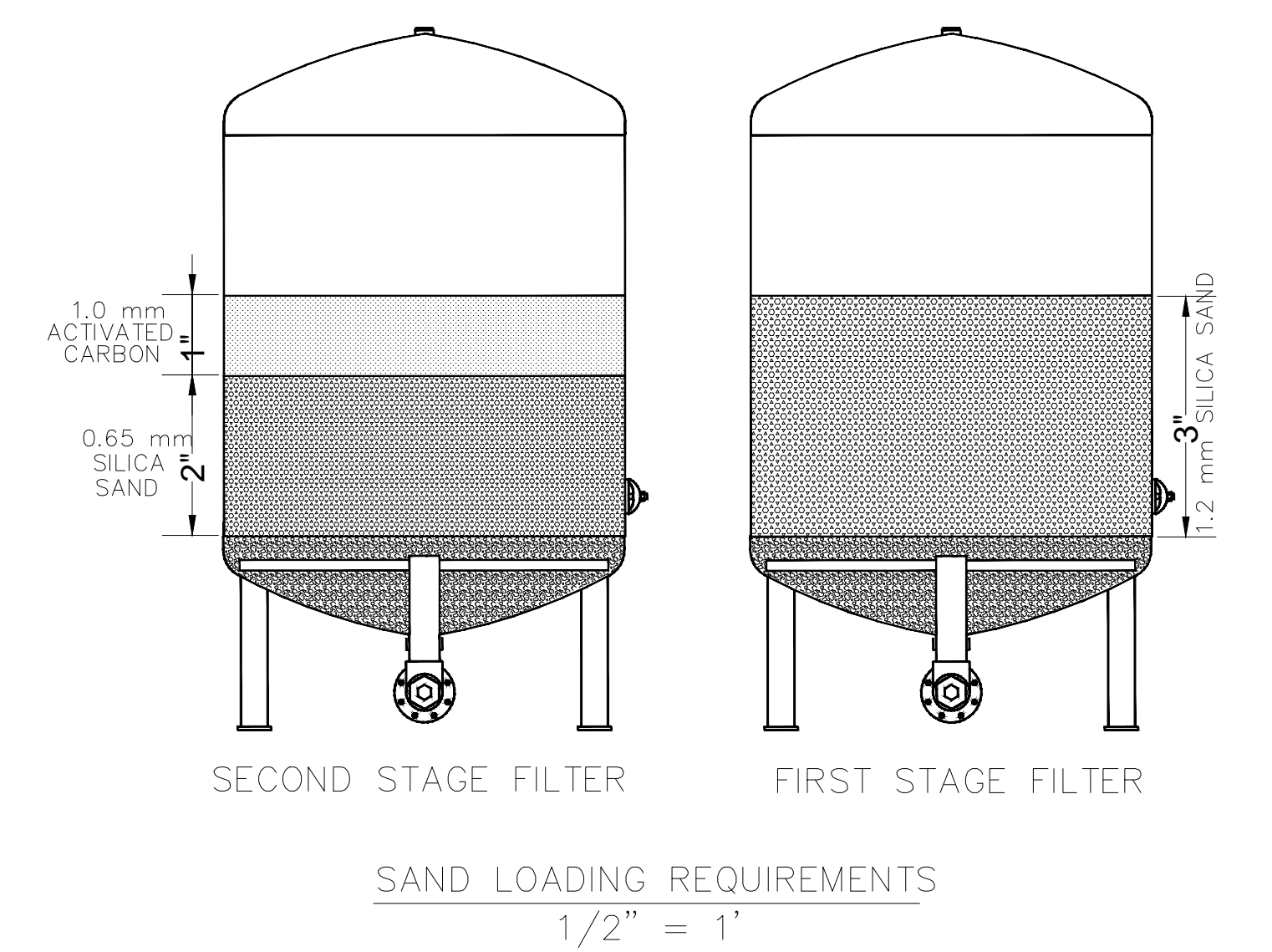
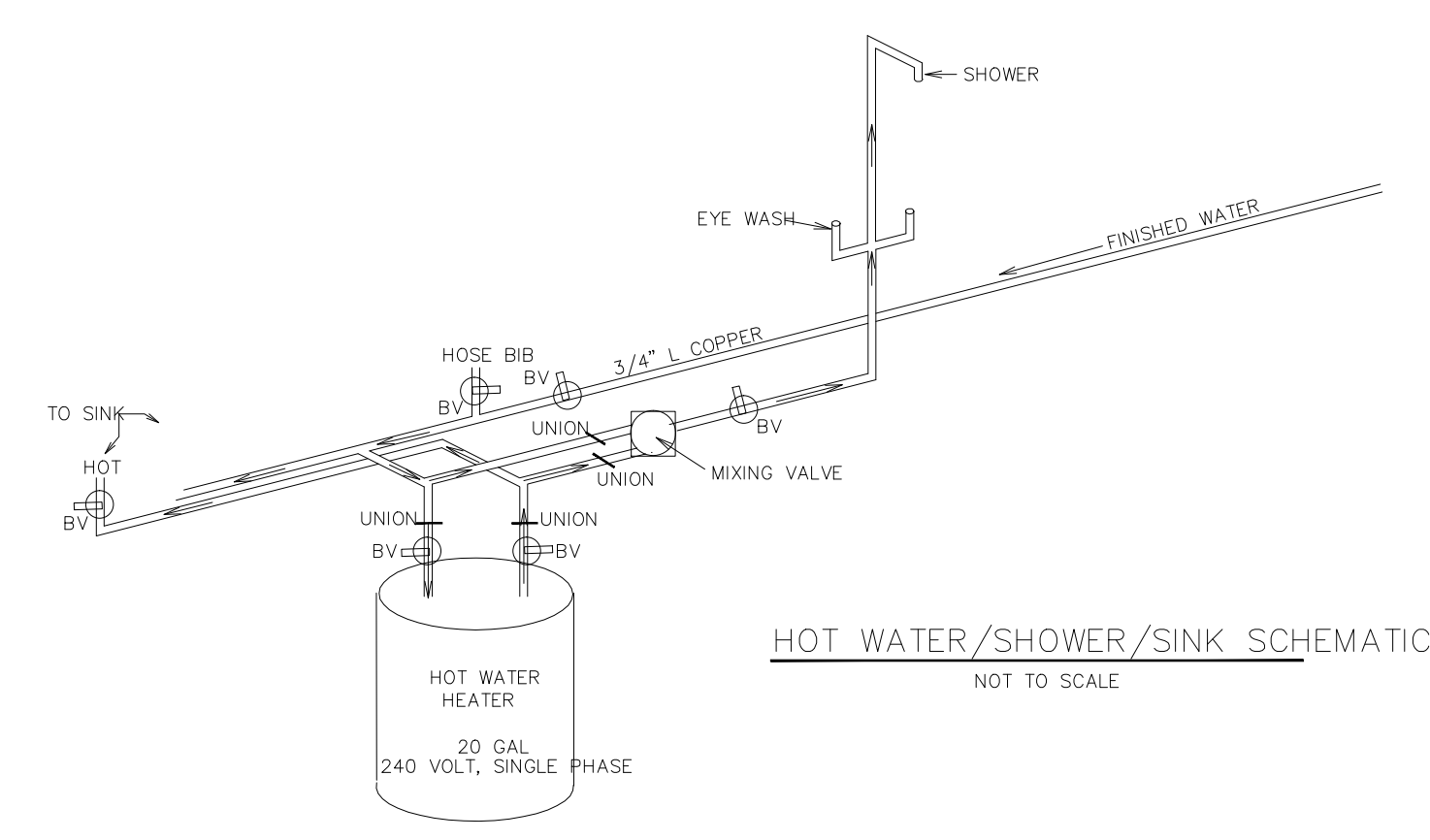
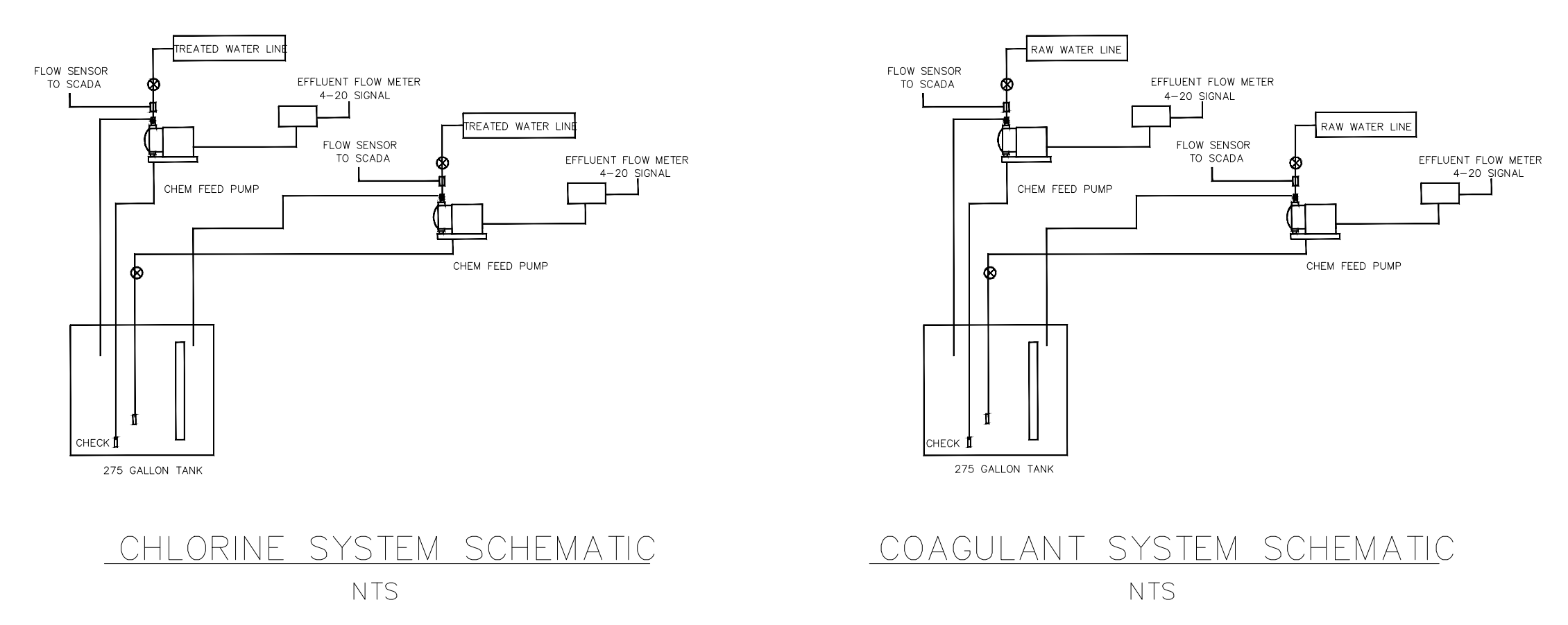
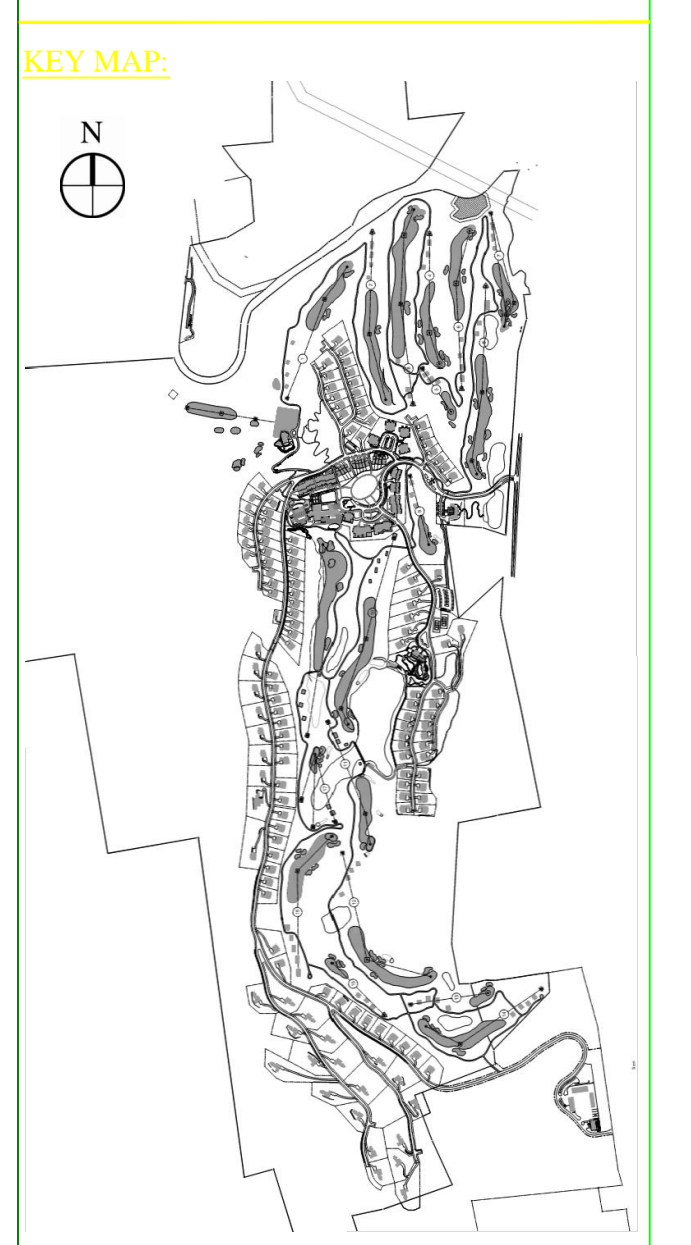
**ARCHITECTS, PLANNERS, LANDSCAPE ARCHITECTS:**  
**HART | HOWERTON**  
 10 East 40th Street New York, NY 10016  
 Tel: 212.683.8631 Fax: 212.481.3768  
 E-mail: NY@hartandhowerton.com

**GOLF COURSE DESIGNERS:**  
**FAZIO DESIGN**  
 401 N. Main St., Ste. 400  
 Hendersonville, North Carolina 28792  
 828.693.0052 • FAX 828.693.0071

**ENVIRONMENTAL PLANNING & CIVIL ENGINEERING:**  
**VHB**  
**Engineering, Surveying & Landscape Architecture, PC**  
 Planning  
 Transportation  
 Land Development  
 Environmental Services  
 50 Main Street, Suite 300  
 White Plains, New York 10606  
 914.467.6600 • FAX 914.761.3759

**WASTEWATER AND WATER DESIGN:**  
**CEDARWOOD ENGINEERING SERVICES, PLLC**  
 CIVIL & ENVIRONMENTAL ENGINEERING  
 8-12 Dietz St., Suite 305  
 Oneonta, NY 607.433.8033  
 248 Main St., PO Box 203  
 North Creek, NY 518.251.5160

**PROJECT SURVEYOR:**  
**Kirk K. Horton, Land Surveyor**  
 NYS License No. 049954  
 9 Broadway  
 Amenia, New York 12501  
 845.373.7809



PRELIMINARY PLANS, FOR PLANNING AND PERMITTING ONLY, NOT FOR CONSTRUCTION

No.	Revision	Date	Appr.

Designed by GIS Drawn by MS Checked by JSS  
 CAD checked by    Approved by     
 Scale: AS SHOWN Date: January 8, 2015

**Silo Ridge Resort Community**  
 4651 Route 22, Town of Amenia  
 Dutchess County, New York

Issued for:  
**Site Plan - Phase 1**

Not Issued for Construction  
 Drawing Title:  
**WELL HOUSE SECTION & DETAILS**

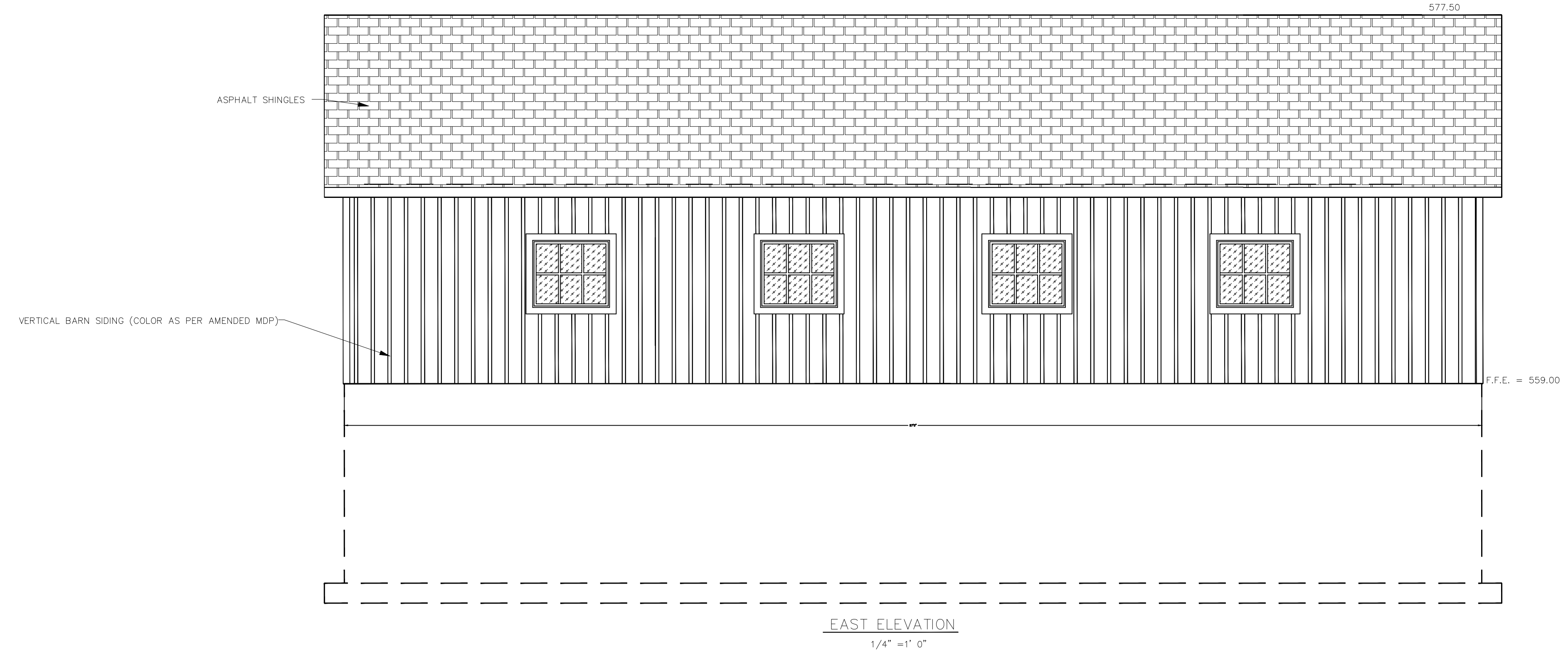
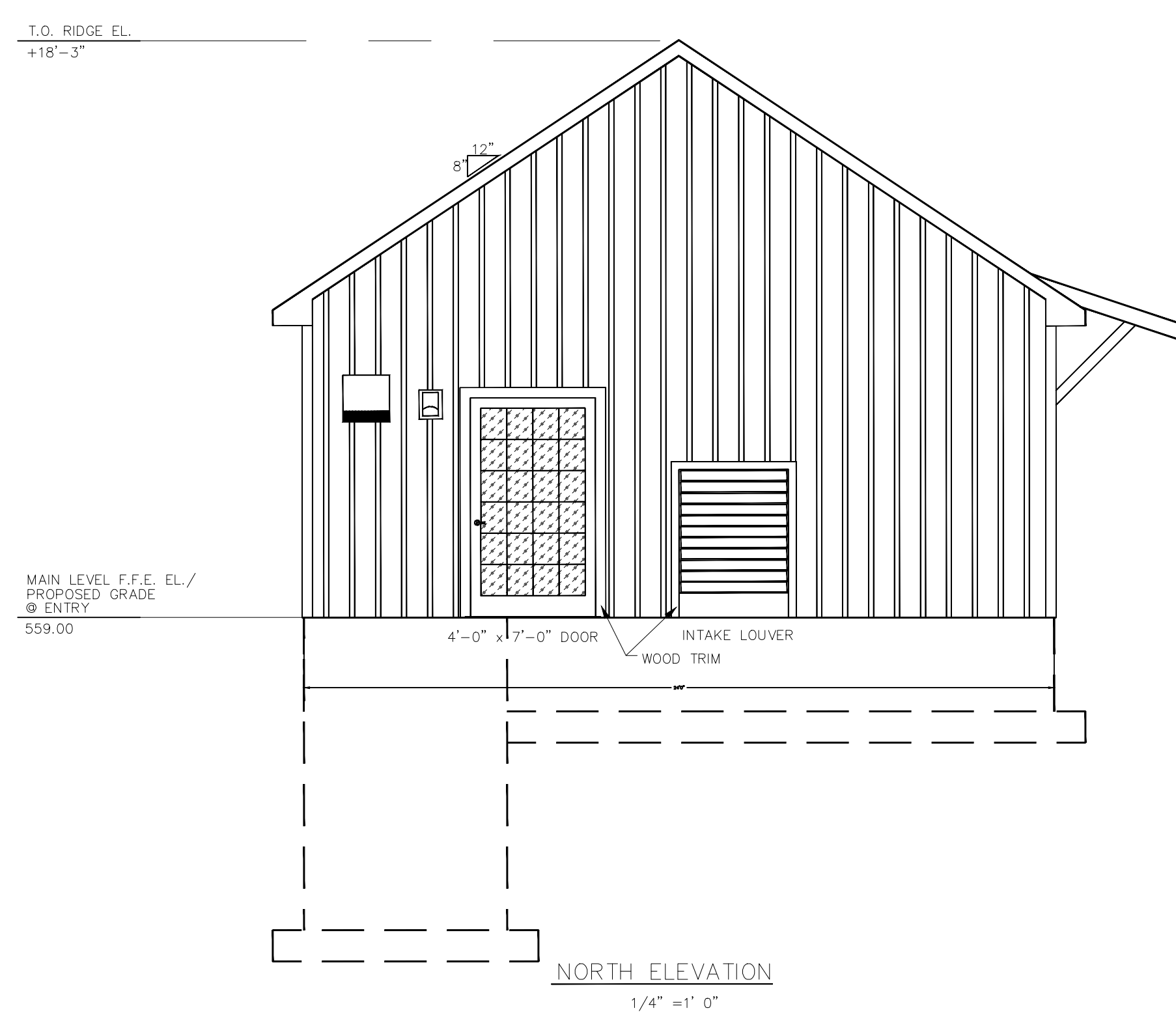
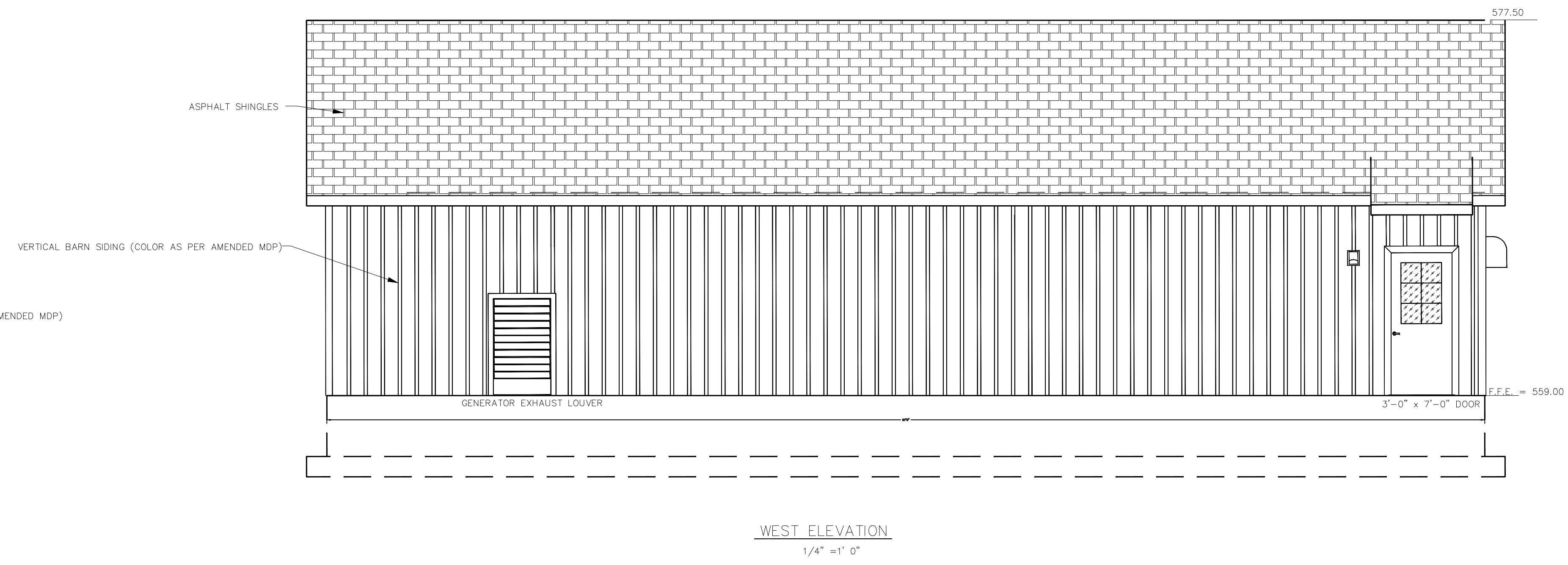
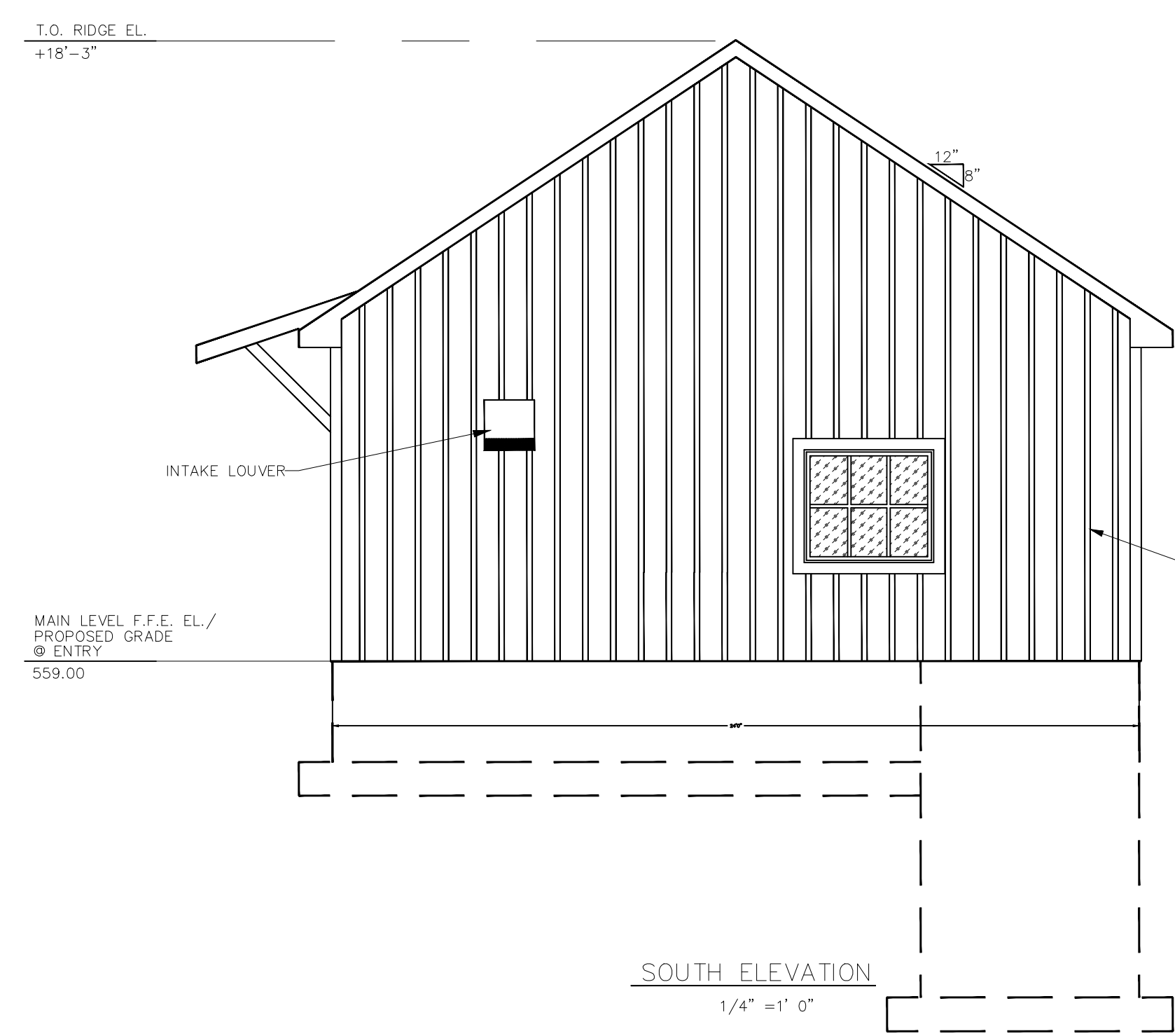
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**C8.03**  
 Sheet    of   

JAMES F. SLOZZO  
 N.Y. Professional Engineer  
 NY Lic. No. 47185

Project Number:  
 29011.00

**GENERAL NOTES:**  
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OWNER:  
**Silo Ridge Ventures, LLC**  
 5021 Route 44  
 Amenia, New York 12501  
 845.373.8020

ARCHITECTS, PLANNERS, LANDSCAPE ARCHITECTS:  
**HART | HOWERTON**

10 East 40th Street New York, NY 10016  
 Tel: 212.683.8631 Fax: 212.481.3768  
 E-mail: NY@hart-howerton.com

GOLF COURSE DESIGNERS:  
**FAZIO DESIGN**

401 N. Main St., Ste. 400  
 Hendersonville, North Carolina 28792  
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**CEDARWOOD ENGINEERING SERVICES, PLLC**

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 8-12 Dietz St., Suite 305  
 Oneonta, NY 607.433.8033  
 248 Main St., PO Box 203  
 North Creek, NY 518.251.5160

PROJECT SURVEYOR:  
**Kirk K. Horton, Land Surveyor**  
 NYS License No. 049954  
 9 Broadway  
 Amenia, New York 12501  
 845.373.7809

KEY MAP:

No.	Revision	Date	Appr.

Designed by JJS Drawn by JMS Checked by JSS  
 CAD checked by   Approved by    
 Scale AS SHOWN Date DWF January 8, 2015

Project Title  
**Silo Ridge Resort Community**

4651 Route 22, Town of Amenia  
 Dutchess County, New York

Issued for  
**Site Plan - Phase 1**

Not Issued for Construction  
 Drawing Title

**WELL HOUSE ARCHITECTURAL ELEVATIONS**

Sheet of  
**C8.04**

JAMES F. SLOZZO  
 N.Y. Professional Engineer  
 NY Lic. No. 57185

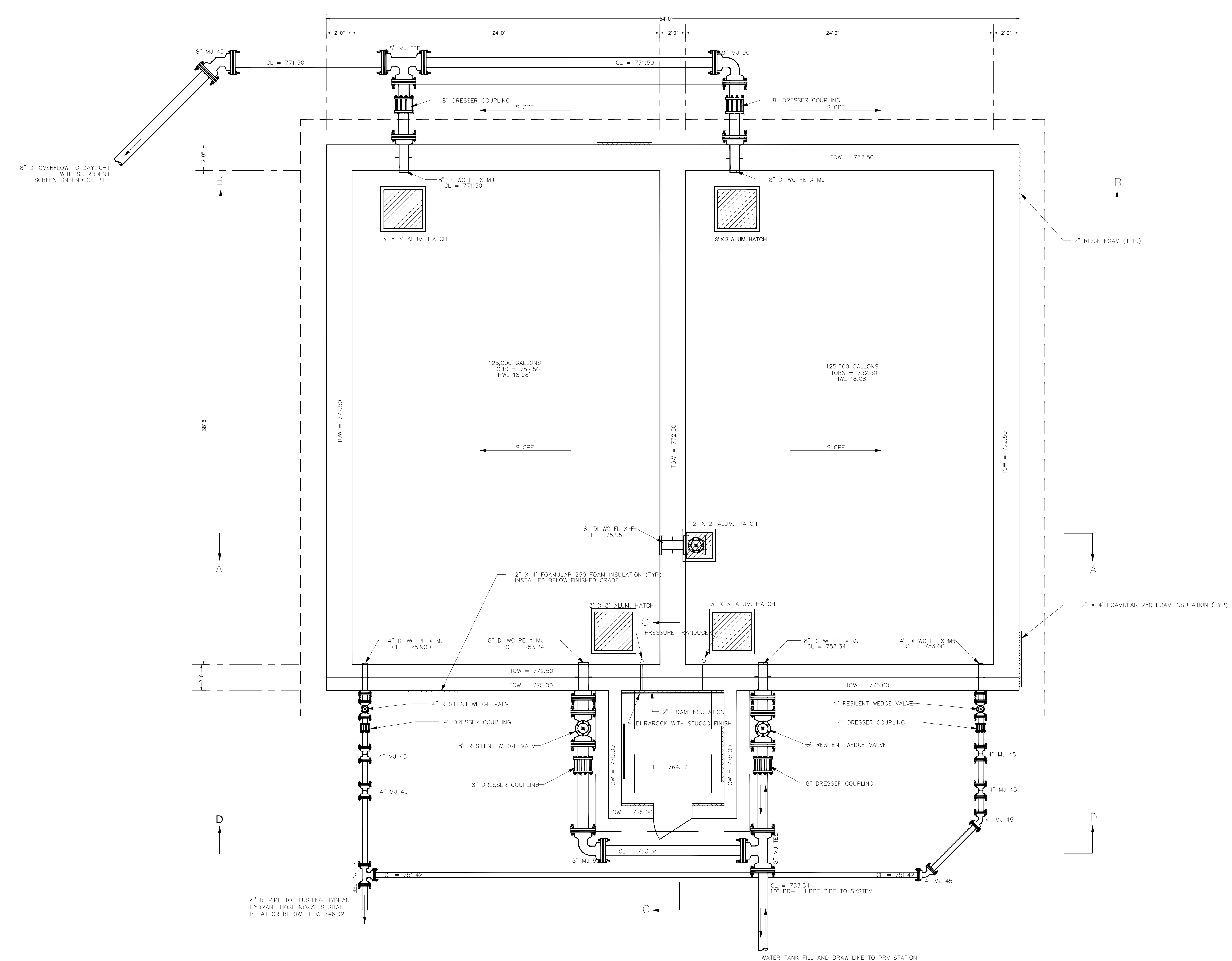
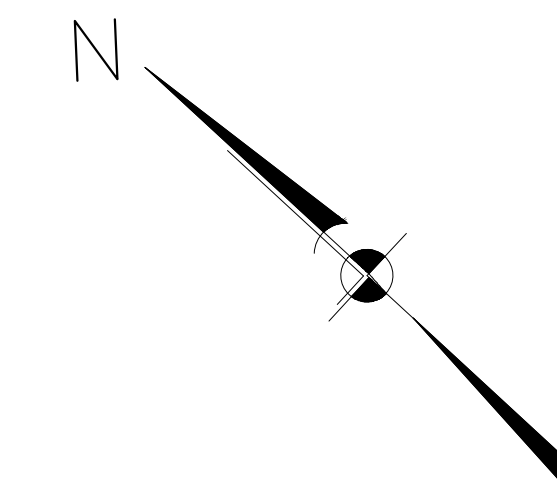
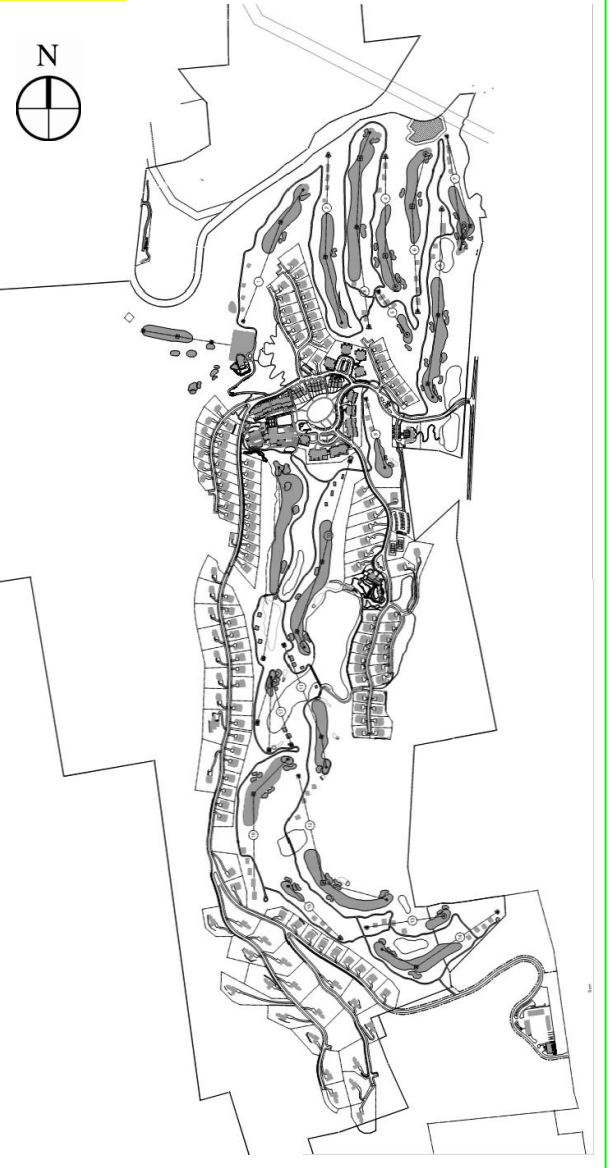
Project Number  
 29011.00

14-050 SILO WATER PLANT.DWG

PRELIMINARY PLANS, FOR PLANNING AND PERMITTING ONLY, NOT FOR CONSTRUCTION

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No.	Revision	Date	Appr.

Designed by **gjs** Drawn by **gjs** Checked by **gjs**  
CAD checked by **---** Approved by **---**  
Scale: **AS SHOWN** Date: **January 8, 2015**

Project Title  
**Silo Ridge  
Resort Community**

4651 Route 22, Town of Amenia  
Dutchess County, New York  
Issued for  
**Site Plan - Phase 1**

Not Issued for Construction  
Drawing Title  
**WATER TANK  
PLAN**

Drawing Number  
**C8.05**

Sheet of

JAMES F. SLOZZO  
N.Y. Professional Engineer  
NY Lic. No. 57185

Project Number  
29011.00



OWNER:  
**Silo Ridge Ventures, LLC**  
5021 Route 44  
Amenia, New York 12501  
845.373.8020

ARCHITECTS, PLANNERS, LANDSCAPE ARCHITECTS:

**HART | HOWERTON**

10 East 40th Street New York, NY 10016  
Tel: 212.683.8631 Fax: 212.481.3768  
E-mail: NY@hart-howerton.com

GOLF COURSE DESIGNERS:

**FAZIO DESIGN**  
401 N. Main St., Ste. 400  
Hendersonville, North Carolina 28792  
828.693.0052 • FAX 828.693.0071

ENVIRONMENTAL PLANNING & CIVIL ENGINEERING:

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Environmental Services  
50 Main Street, Suite 300  
White Plains, New York 10606  
914.467.6600 • FAX 914.761.3759

WASTEWATER AND WATER DESIGN:

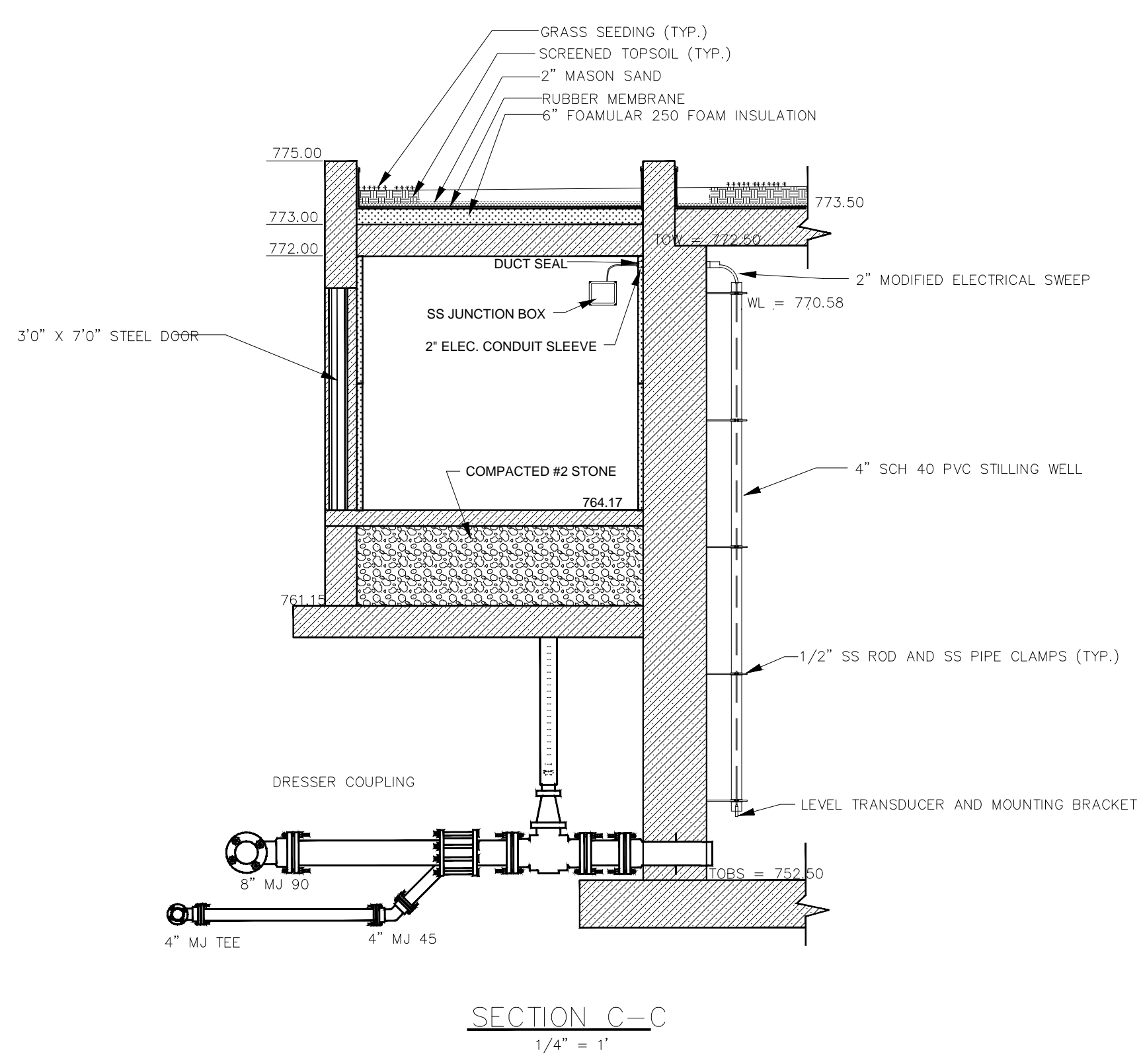
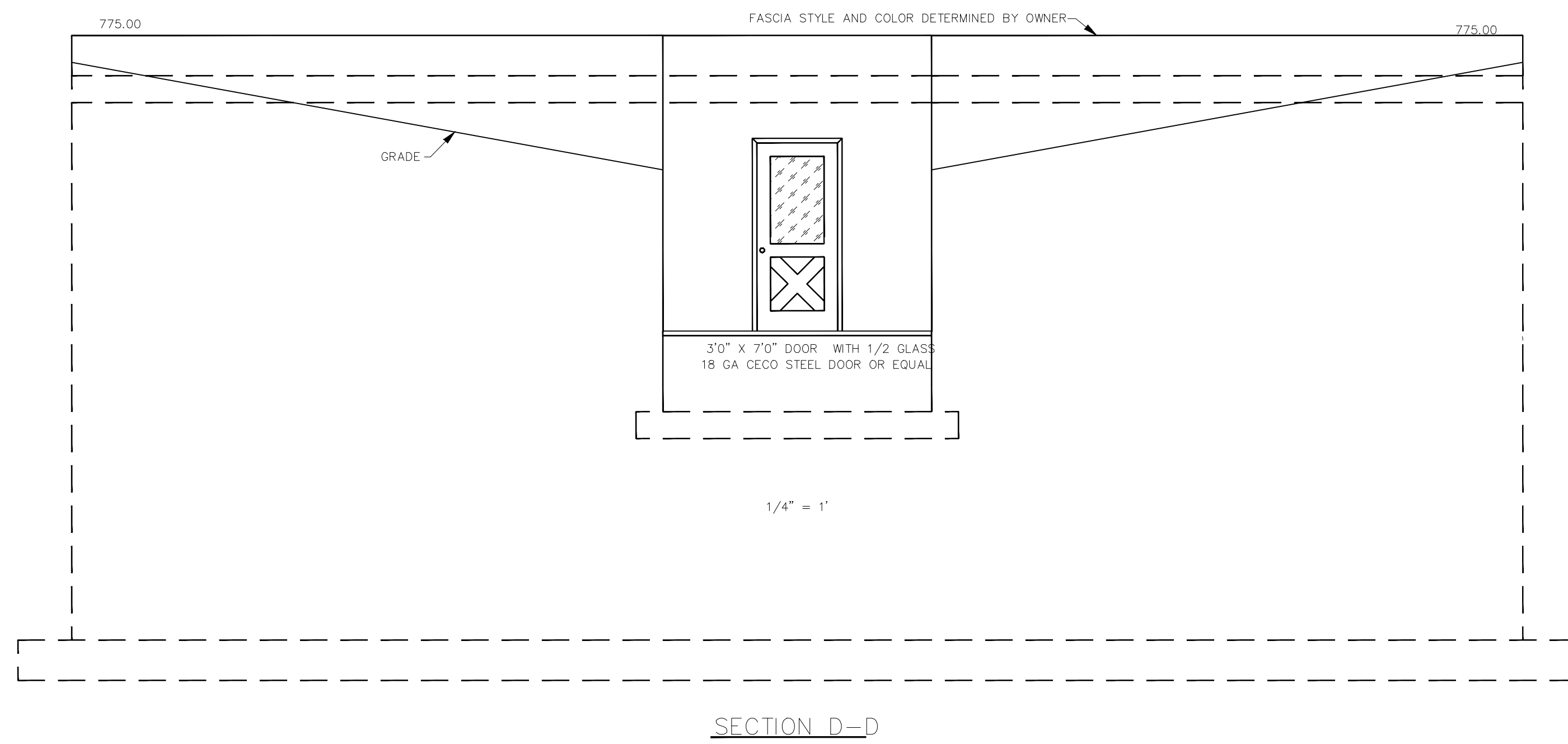
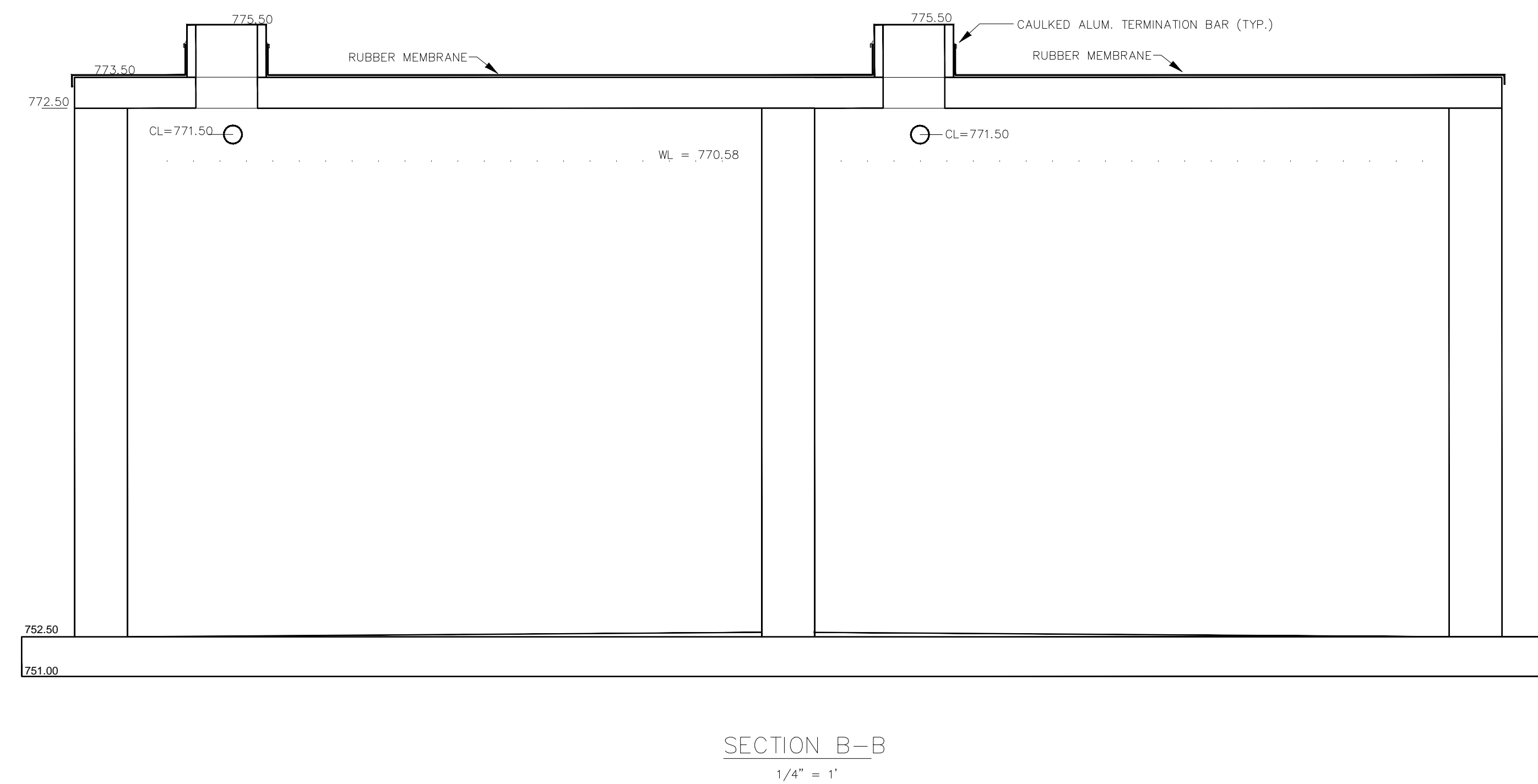
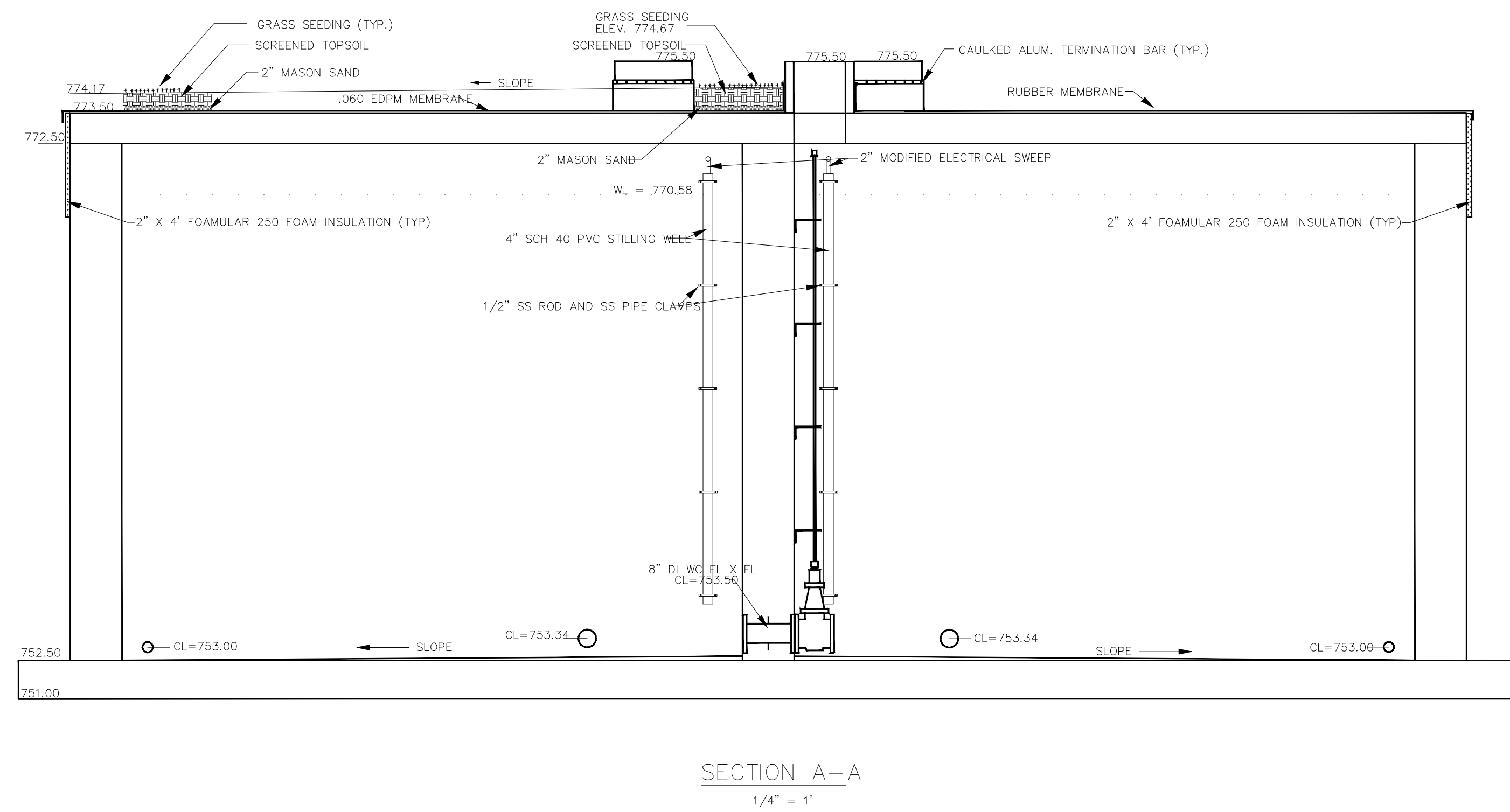
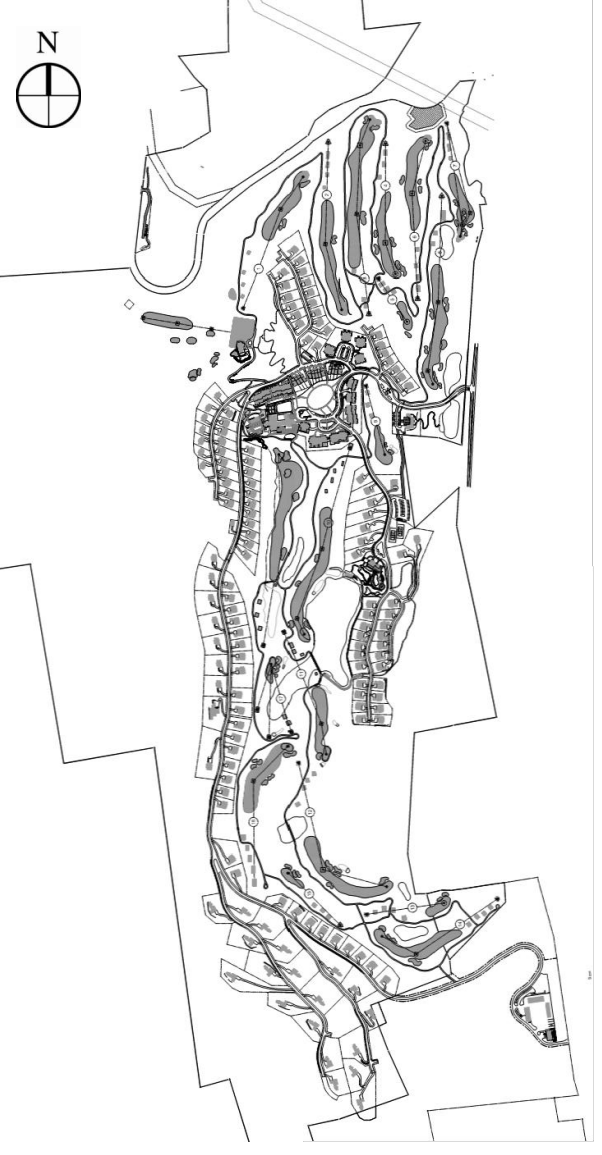
**CEDARWOOD ENGINEERING SERVICES, PLLC**  
CIVIL & ENVIRONMENTAL ENGINEERING

8-12 Dietz St., Suite 305  
Oswego, NY 607-433-8073  
248 Main St., PO Box 203  
North Creek, NY 518.251.5160

PROJECT SURVEYOR:

**Kirk K. Horton, Land Surveyor**  
NYS License No. 049954  
9 Broadway  
Amenia, New York 12501  
845.373.7809

KEY MAP:



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Designed by gjs Drawn by ms Checked by yss  
CAD checked by   Approved by    
Scale AS SHOWN Date January 8, 2015  
Project Title

**Silo Ridge Resort Community**  
4651 Route 22, Town of Amenia  
Dutchess County, New York

Issued for  
**Site Plan - Phase 1**

Drawing Title  
**WATER TANK SECTIONS**

Drawing Number  
**C8.06**  
Sheet of  
Project Number  
29011.00  
James F. Siozzo  
N.Y. Professional Engineer  
NY Lic. No. 57185



**OWNER:**  
**Silo Ridge Ventures, LLC**  
 9021 Route 44  
 Amenia, New York 12501  
 845.373.8020

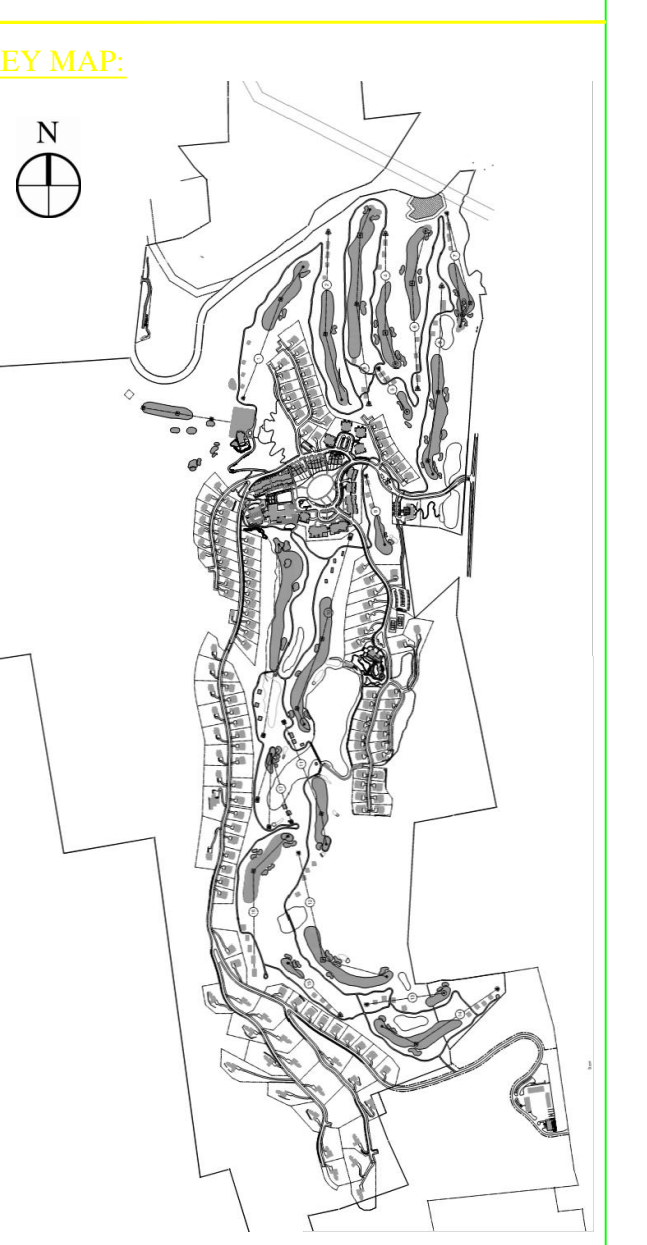
**ARCHITECTS, PLANNERS, LANDSCAPE ARCHITECTS:**  
**HART | HOWERTON**  
 10 East 40th Street New York, NY 10016  
 Tel: 212.683.8631 Fax: 212.481.3768  
 E-mail: NY@hart-howerton.com

**GOLF COURSE DESIGNERS:**  
**FAZIO DESIGN**  
 401 N. Main St., Ste. 400  
 Hendersonville, North Carolina 28792  
 828.693.0052 • FAX 828.693.0071

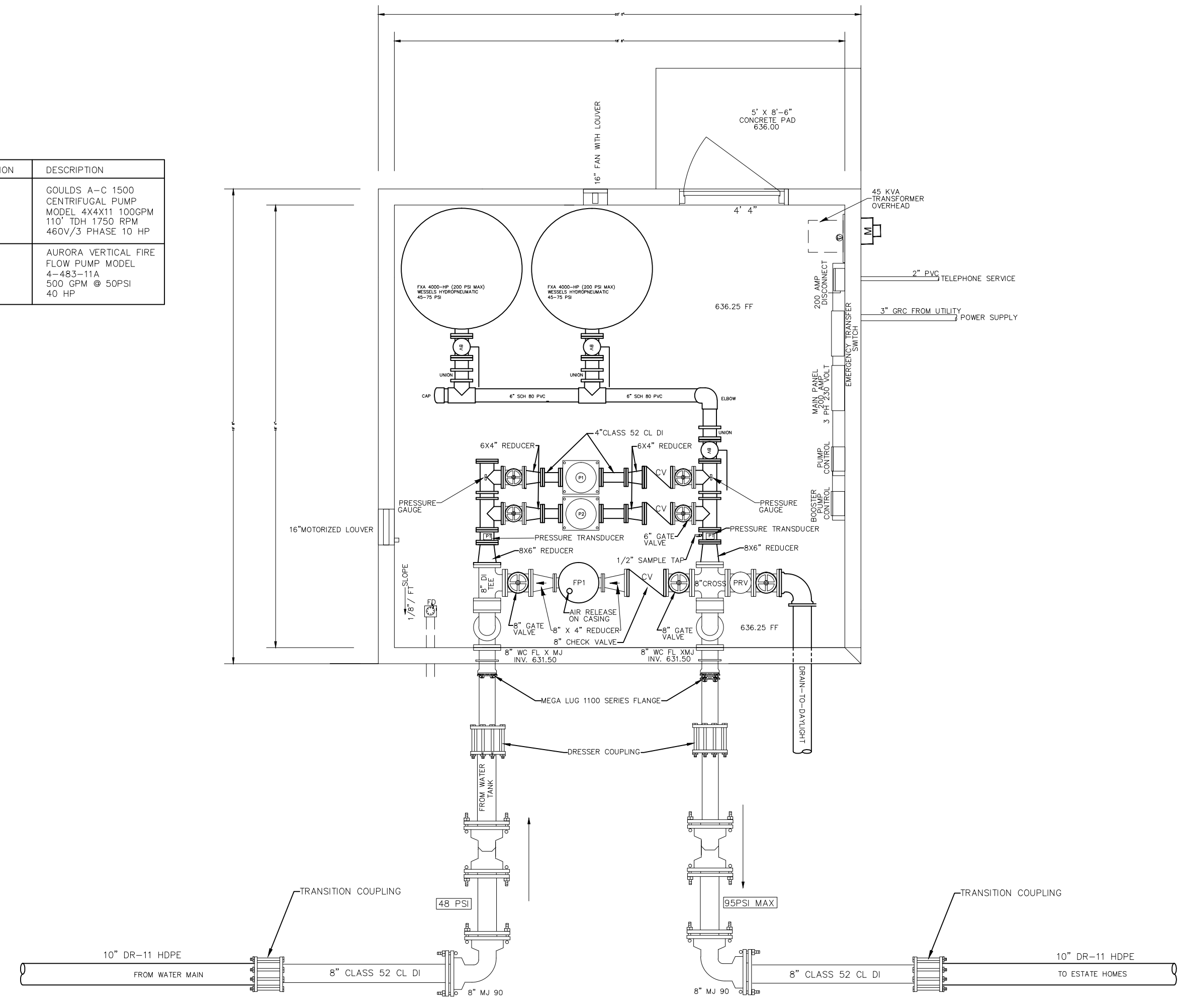
**ENVIRONMENTAL PLANNING & CIVIL ENGINEERING:**  
**VHB**  
**Engineering, Surveying & Landscape Architecture, PC**  
 Planning  
 Transportation  
 Land Development  
 Environmental Services  
 50 Main Street, Suite 300  
 White Plains, New York 10606  
 914.467.6600 • FAX 914.761.3759

**WASTEWATER AND WATER DESIGN:**  
**CEDARWOOD ENGINEERING SERVICES, PLLC**  
 CIVIL & ENVIRONMENTAL ENGINEERING  
 8-12 Dietz St., Suite 305  
 Oneonta, NY 607.433.8033  
 248 Main St., PO Box 203  
 North Creek, NY 518.251.5160

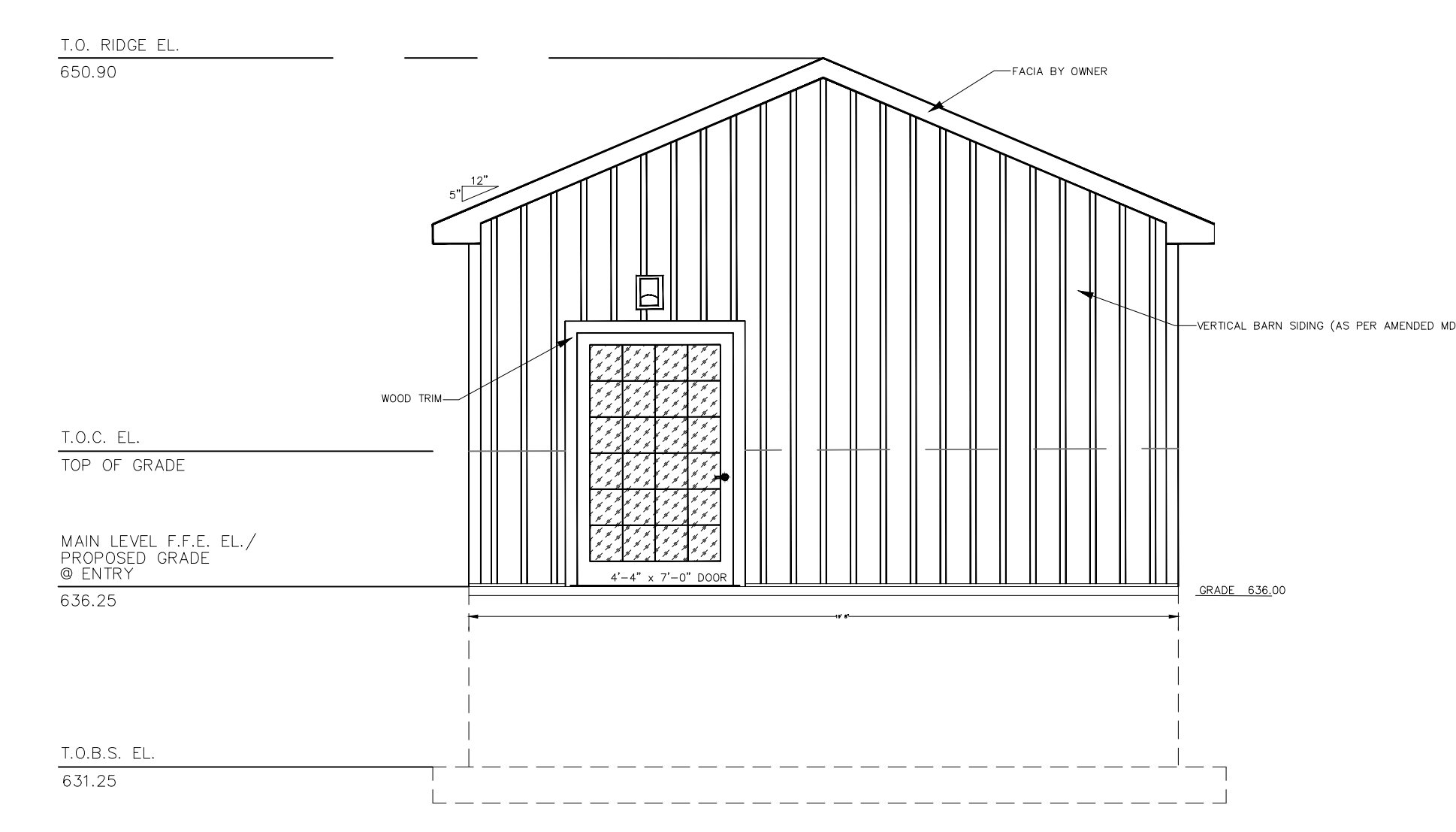
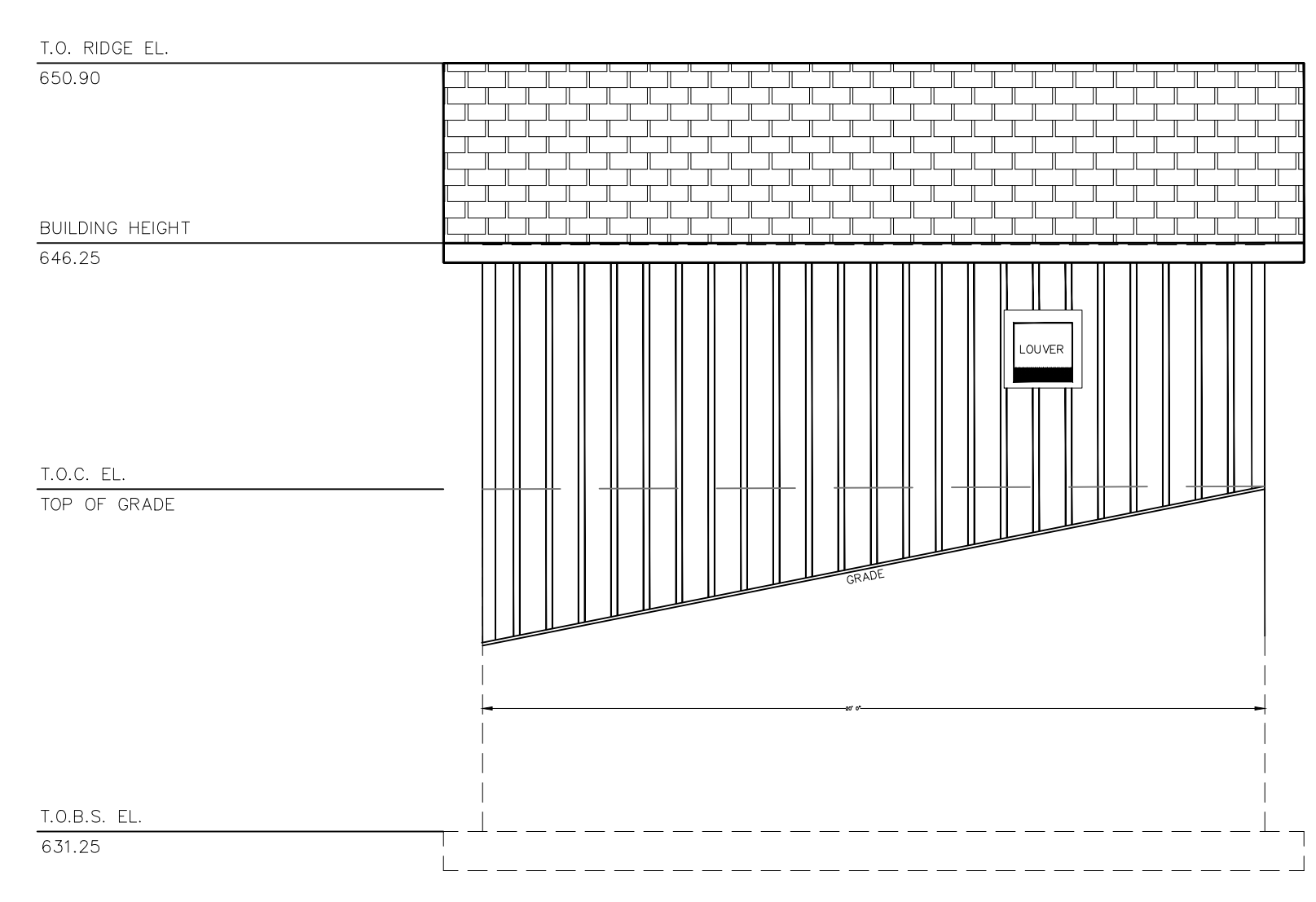
**PROJECT SURVEYOR:**  
**Kirk K. Horton, Land Surveyor**  
 NYS License No. 049954  
 9 Broadway  
 Amenia, New York 12501  
 845.373.7809



DESIGNATION	DESCRIPTION
P1, P2	EGULDS A-C 1000 CENTRIFUGAL PUMP MODEL AVA101 100GPM 115V 70/7750 RPM 480V/3 PHASE 10 HP
FP1	ALUMINA SILICA FIBER FLOW PUMP MODEL F-248-114 500 GPM @ 50PSI 80 HP



BOOSTER STATION PLAN TO ESTATE HOMES  
 1/4" = 1'



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Designed by *GIS* Drawn by *MS* Checked by *JSS*  
 CAD checked by *—* Approved by *—*  
 Scale AS SHOWN Date January 8, 2015

Project Title  
**Silo Ridge Resort Community**  
 4651 Route 22, Town of Amenia  
 Dutchess County, New York

Issued for  
**Site Plan - Phase 1**

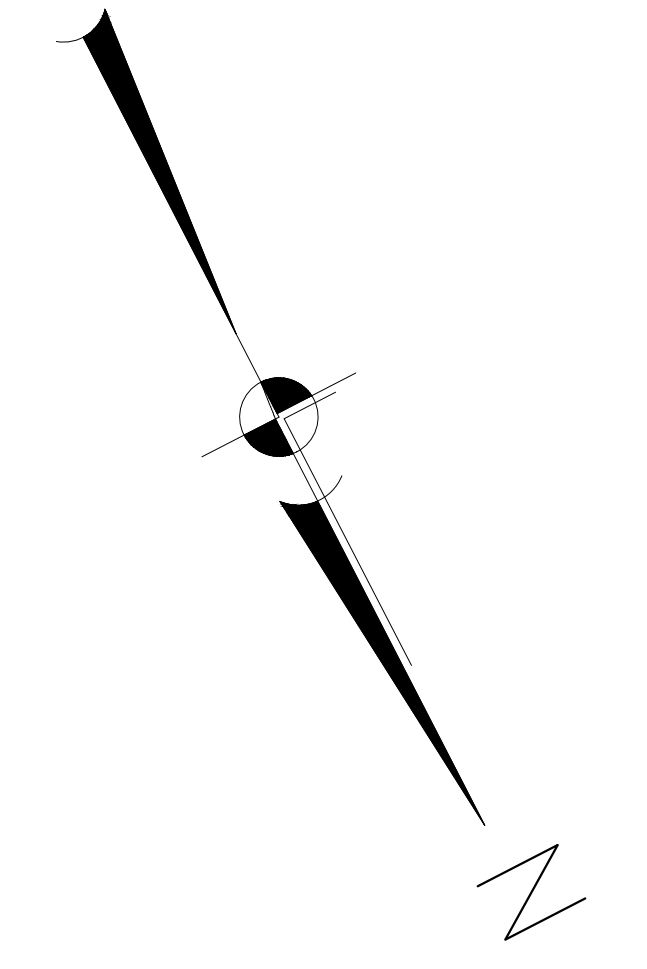
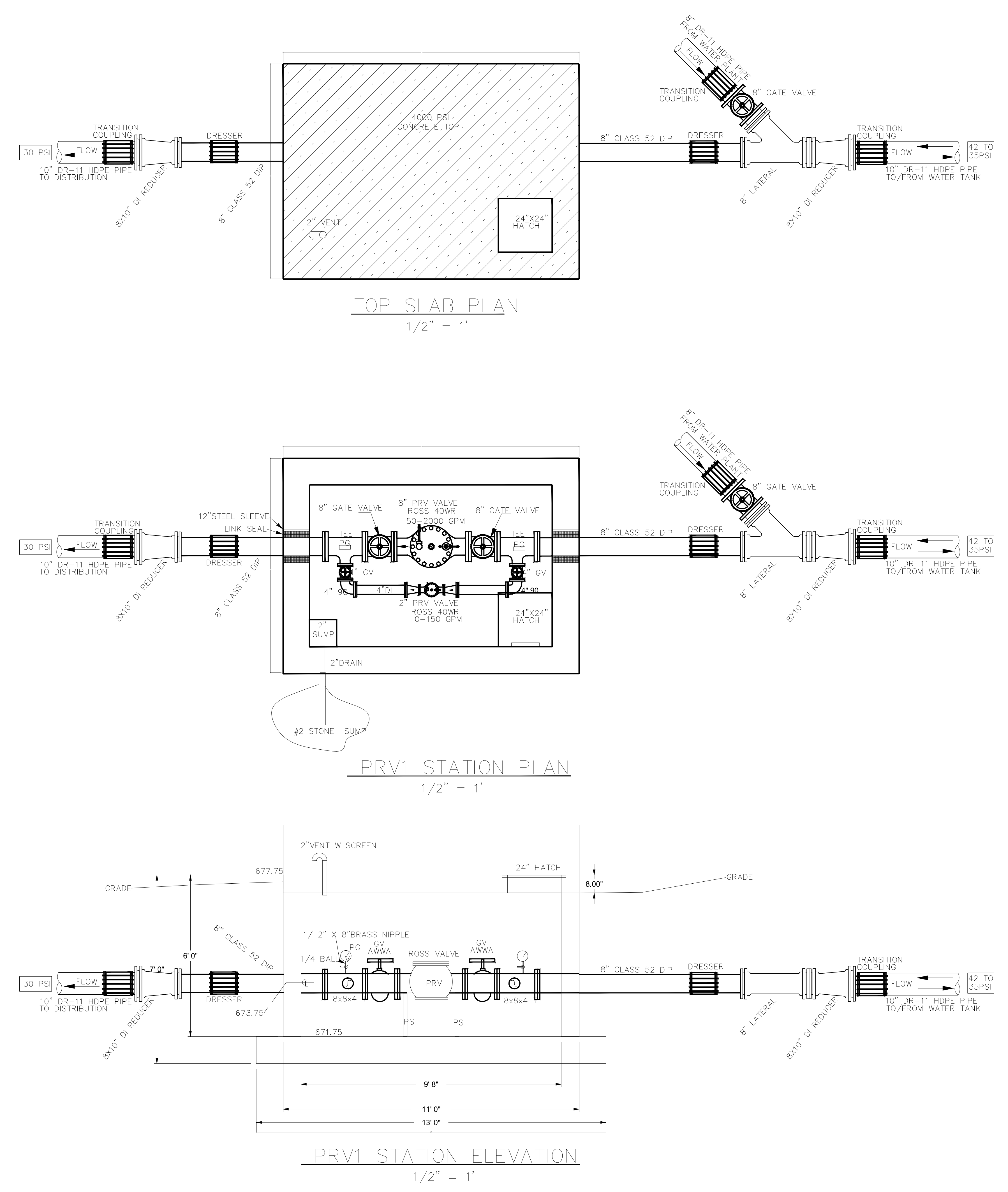
Not Issued for Construction

Drawing Title  
**ESTATE HOME BOOSTER STATION & ELEVATIONS**

Drawing Number  
**C8.07**  
 Sheet of  
**JAMES F. SLOZZO** Project Number  
 N.Y. Professional Engineer 29011.00  
 NY Lic. No. 57185



Saved: Wednesday, February 18, 2015 4:54:34 PM USER: Pictet Wednesday, February 18, 2015 4:54:26 PM User



**OWNER:**  
**Silo Ridge Ventures, LLC**  
 5021 Route 44  
 Amenia, New York 12501  
 845.373.8020

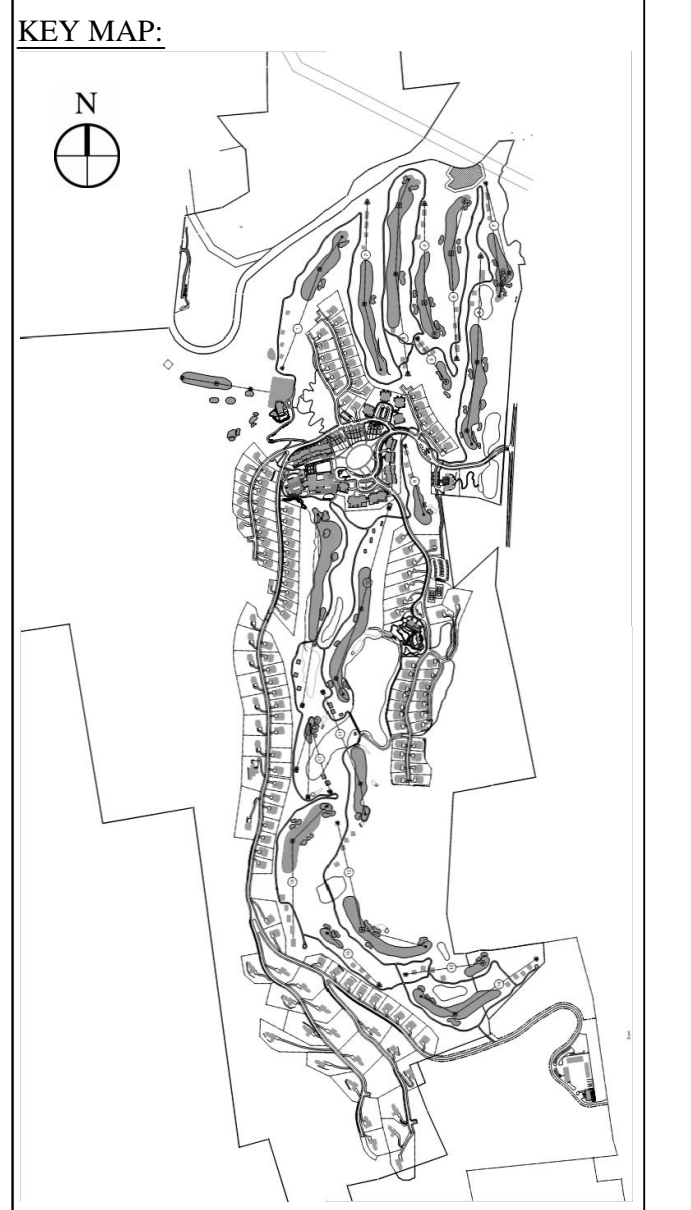
**ARCHITECTS, PLANNERS, LANDSCAPE ARCHITECTS:**  
**HART | HOWERTON**  
 10 East 40th Street New York, NY 10016  
 Tel: 212 683 5631 Fax: 212 481 3768  
 E-mail: NY@harthowerton.com

**GOLF COURSE DESIGNERS:**  
**FAZIO**  
 DESIGN  
 401 N. Main St., Ste. 400  
 Hendersonville, North Carolina 28792  
 828.693.0052 • FAX 828.693.0071

**ENVIRONMENTAL PLANNING & CIVIL ENGINEERING:**  
**VHB**  
**Engineering, Surveying & Landscape Architecture, PC**  
 Planning  
 Transportation  
 Land Development  
 Environmental Services  
 50 Main Street, Suite 360  
 White Plains, New York 10606  
 914.467.6600 • FAX 914.761.3759

**WASTEWATER AND WATER DESIGN:**  
**CEDARWOOD ENGINEERING SERVICES, PLLC**  
 CIVIL & ENVIRONMENTAL ENGINEERING  
 8-12 Dietz St., Suite 303  
 Oneonta, NY 487.432.8073  
 248 Main St., PO Box 203  
 North Creek, NY 518.251.5160

**PROJECT SURVEYOR:**  
**Kirk K. Horton, Land Surveyor**  
 NYS License No. 049954  
 9 Broadway  
 Amenia, New York 12501  
 845.373.7809



No.	Revision	Date	Appr'd

**Silo Ridge Resort Community**  
 4651 Route 22, Town of Amenia  
 Dutchess County, New York

Issued for  
**Site Plan - Phase 1**

Not Issued for Construction  
 Drawing Title  
**PRV PIT DETAILS**

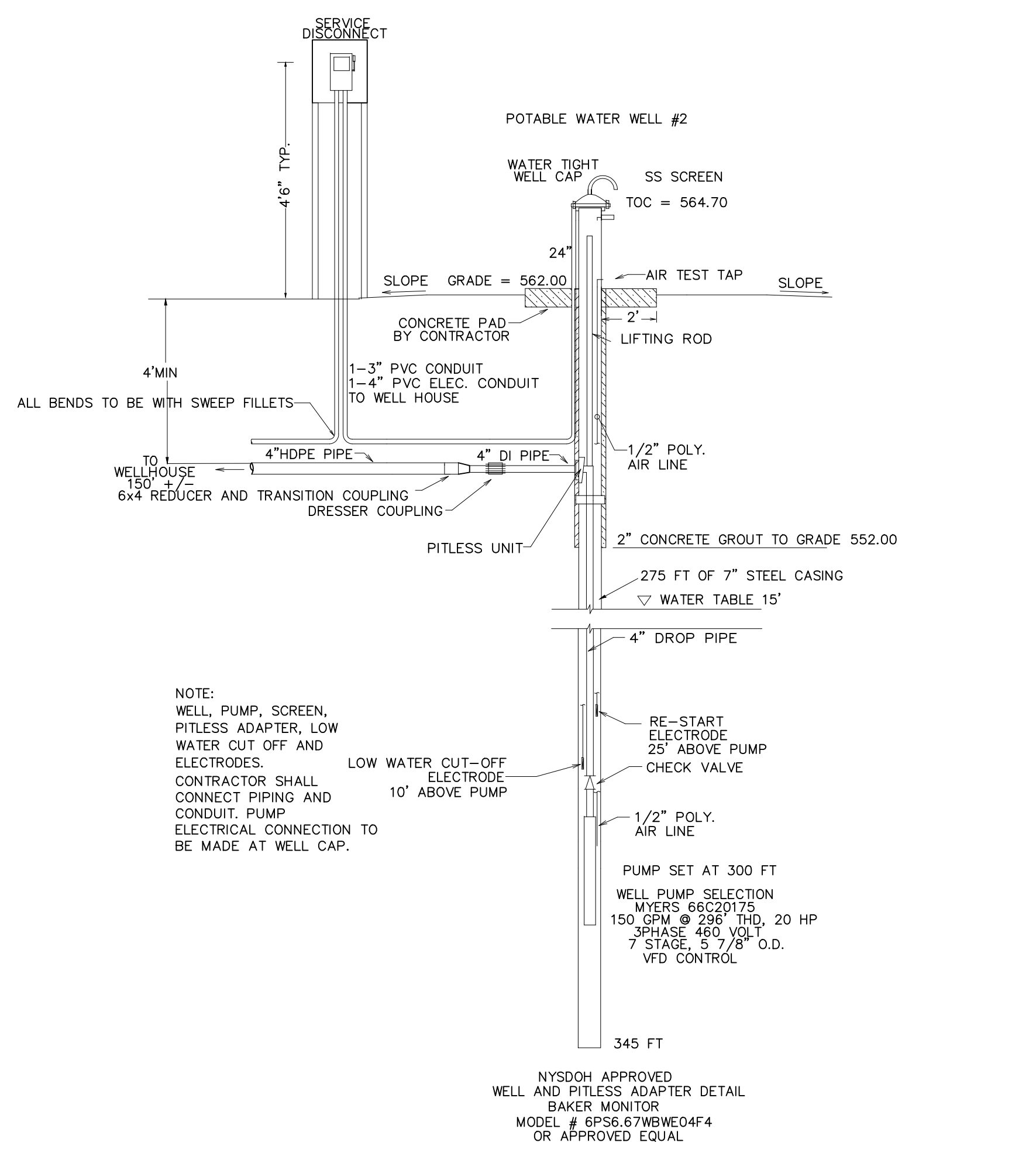
Drawing Number  
**C8.08**  
 Sheet of

Project Number  
 29011.00  
 Project Engineer  
 JAMES F. SUOZZO  
 N.Y. Professional Engineer  
 NY Lic. No. 57185

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NOTE: SEE WATER REPORT BY OTHERS FOR THE 30 AND 180 DAY DRAWDOWN PROJECTIONS BASE ON THE WELL TESTS

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**WATER WELL COMPLETION REPORT**

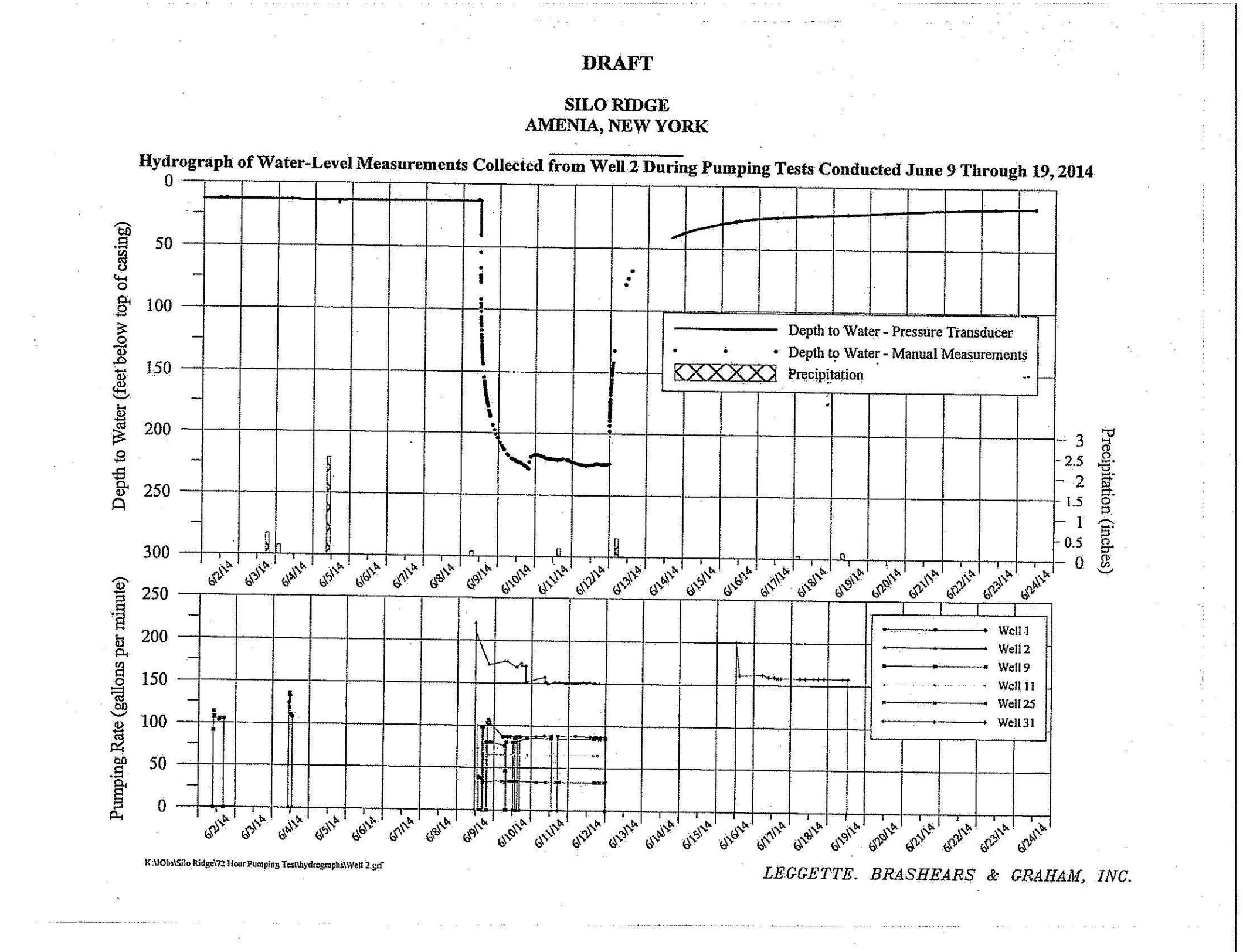
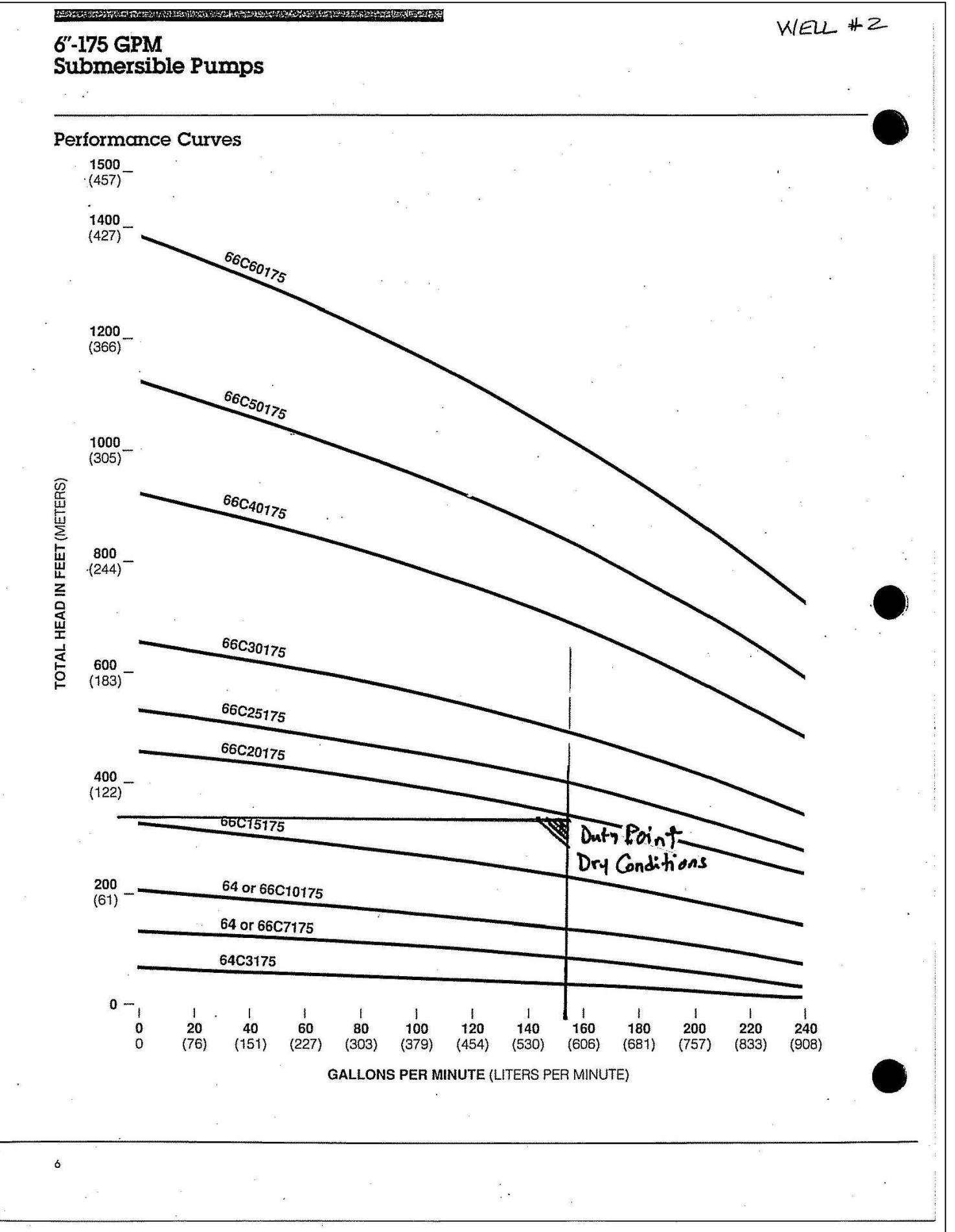
Project Name: *Hughes Grand Country Club Management Co, LLC*  
 Location: *PO Box 26 Route 22 Amenia, NY 12011*  
 Permit No: *N4149, 385, W07339, 490*

Owner: *Rex Heath*  
 Designer: *Robert M. Heath & Sons*  
 Date: *1/28/15*

Well Depth: 345 FT  
 Casing: 7" STEEL  
 Drop Pipe: 4" DI  
 Pump: MVERS 66C20175

Water Table: 15' below ground surface

**OWNER COPY**



**OWNER:**  
 Silo Ridge Ventures, LLC  
 5021 Route 44  
 Amenia, New York 12011  
 845.373.8020

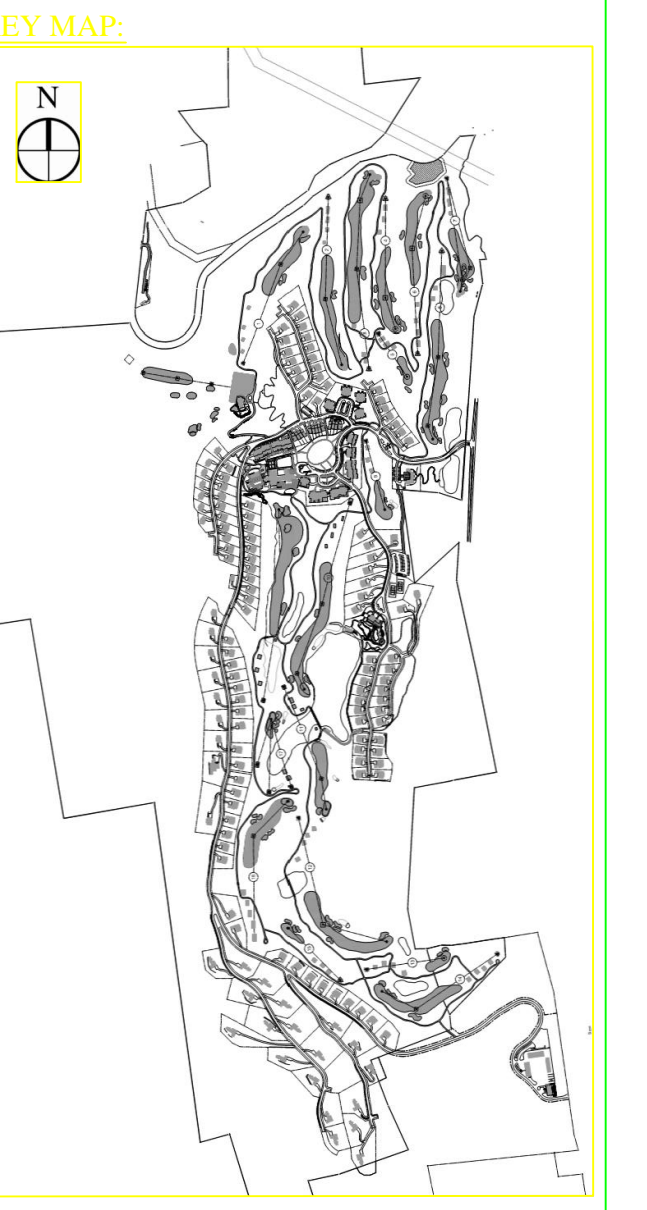
**ARCHITECTS, PLANNERS, LANDSCAPE ARCHITECTS:**  
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 10 East 40th Street New York, NY 10016  
 Tel: 212.683.8631 Fax: 212.481.3768  
 E-mail: NY@hartnow.com

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 Hendersonville, North Carolina 28792  
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**PROJECT SURVEYOR:**  
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 CAD checked by *---* Approved by *---*  
 Scale: AS SHOWN Date: January 8, 2015  
 Project Title: **Silo Ridge Resort Community**  
 4651 Route 22, Town of Amenia  
 Dutchess County, New York  
 Issued for: **Site Plan - Phase 1**

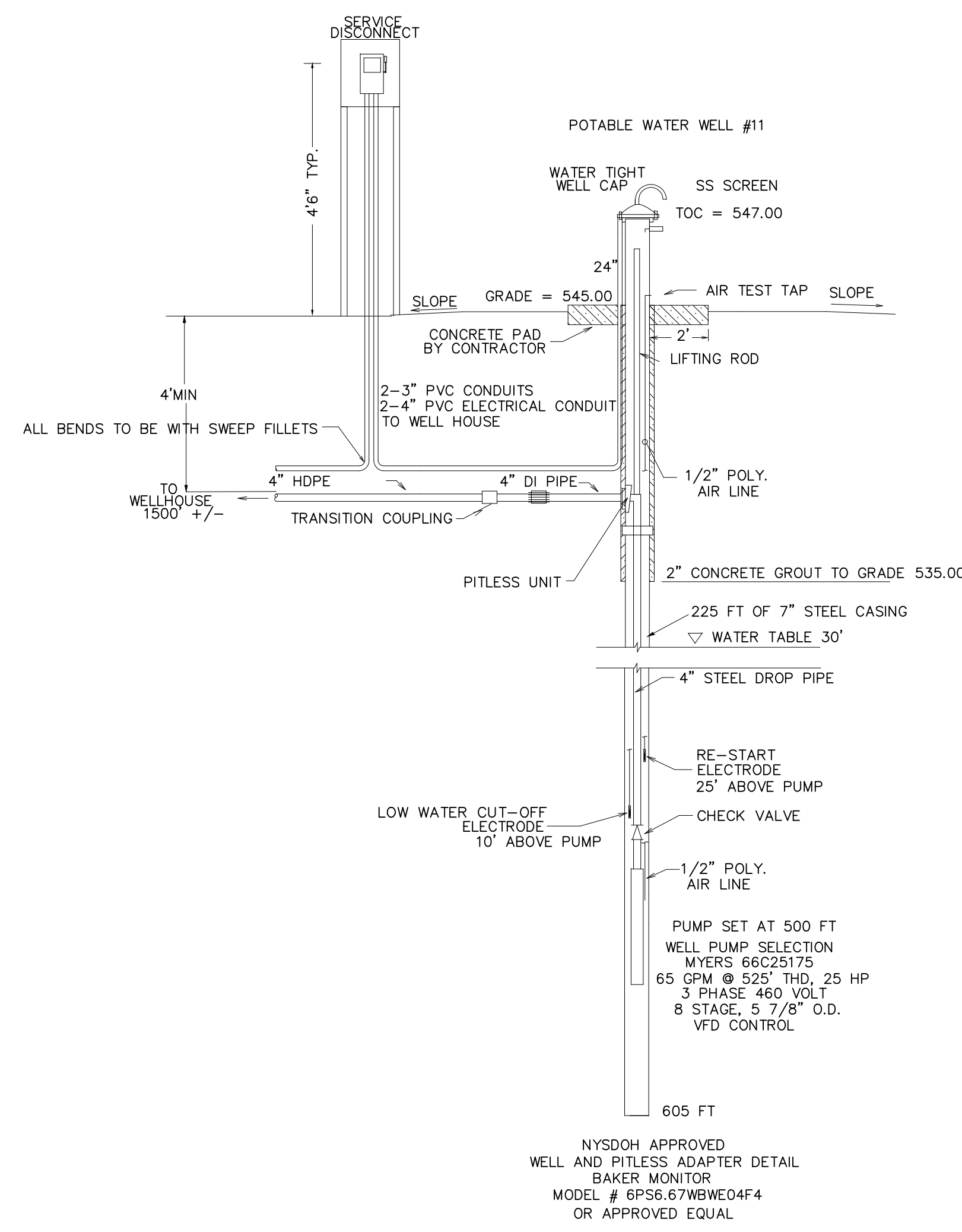
Not Issued for Construction  
**WELL #2 DETAILS**

Sheet **C8.09** of **---**  
 NAME: **---** Project Number: **29011.00**  
 N.Y. Professional Engineer NY Lic. No. **---** Silo Well #2 DWG

GENERAL NOTES:  
 ALL WATER SYSTEM EQUIPMENT NOT SPECIFICALLY INDICATED ON PLANS AND DETAILS MAY BE ACCEPTABLE TO OWNER AND ENGINEER, BUT CAN ONLY BE SUBSTITUTED WITH APPROVED EQUAL IF APPROVED IN WRITING BY ENGINEER AND OWNER.



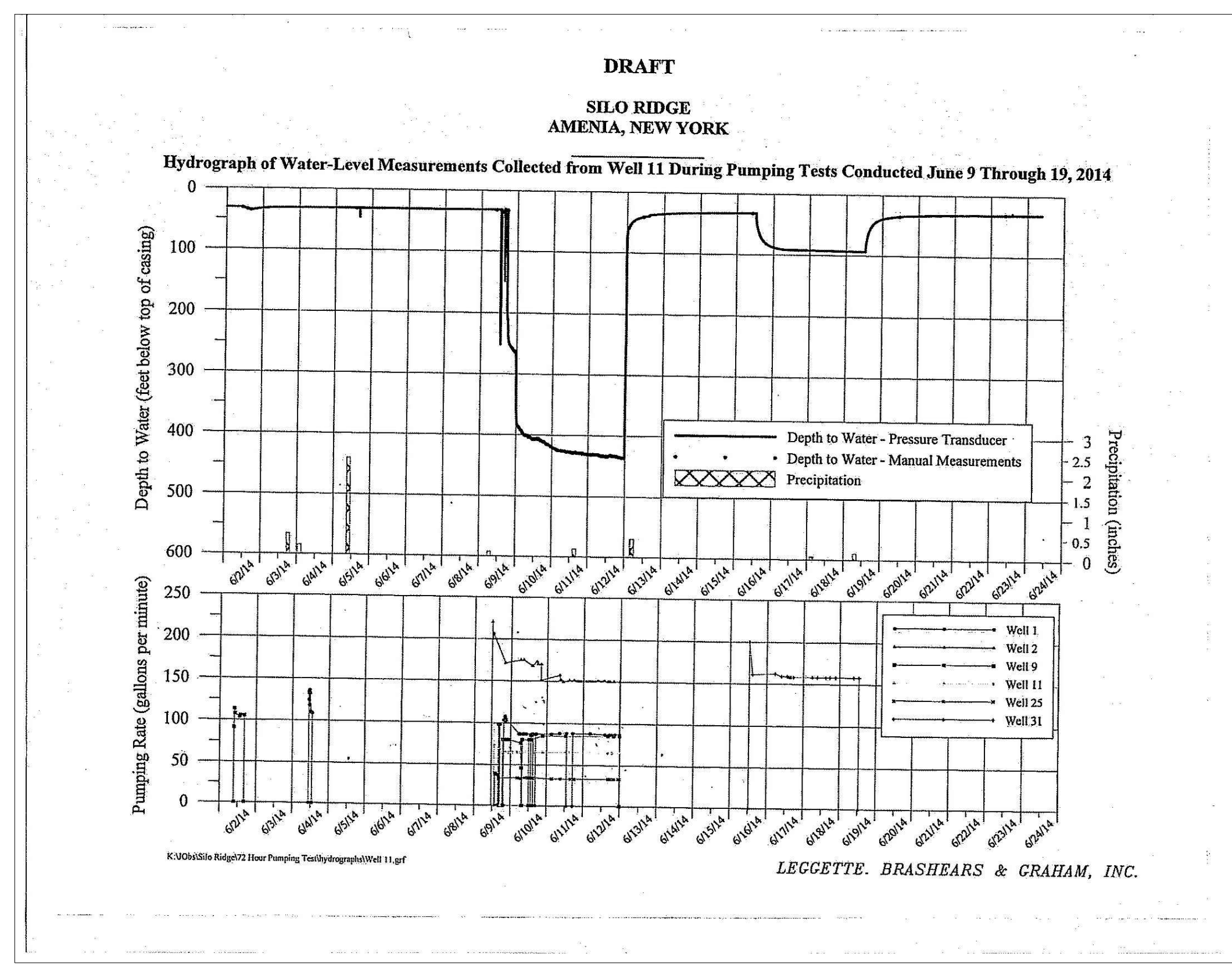
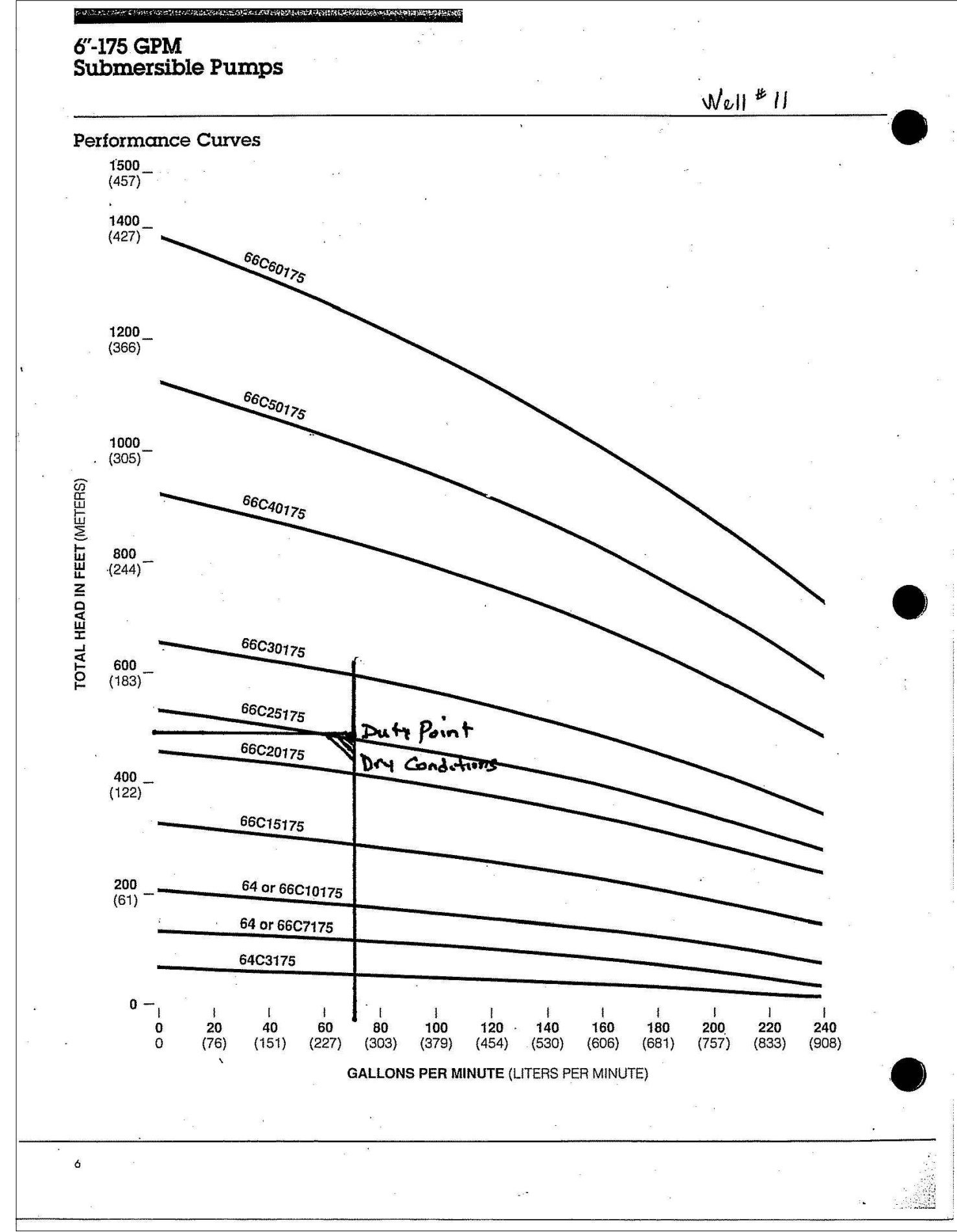
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WELL #11 ELEVATION VIEW  
N.T.S.

NOTE: SEE WATER REPORT BY OTHERS FOR THE 30 AND 180 DAY DRAWDOWN PROJECTIONS BASE ON THE WELL TESTS

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
WATER WELL COMPLETION REPORT  
Project: Higher Ground County Club Assessment Co. LLC  
Well No: 11073-36397 Well # 10  
Location: 14149.640' 1073-36397' Clearwater/11  
Date: 1/27/06  
Signature: Rex Wyatt  
NYED License No. 12264



OWNER:  
**Silo Ridge Ventures, LLC**  
9021 Route 44  
Amenia, New York 12501  
845.373.8020

ARCHITECTS, PLANNERS, LANDSCAPE ARCHITECTS:  
**HART | HOWERTON**  
10 East 40th Street New York, NY 10016  
Tel: 212.683.8631 Fax: 212.481.3768  
E-mail: NY@hart-howerton.com

GOLF COURSE DESIGNERS:  
**FAZIO DESIGN**  
401 N. Main St., Ste. 400  
Hendersonville, North Carolina 28792  
828.693.0652 • FAX 828.693.0071

ENVIRONMENTAL PLANNING & CIVIL ENGINEERING:  
**VHB**  
**Engineering, Surveying & Landscape Architecture, PC**  
Planning  
Transportation  
Land Development  
Environmental Services  
50 Main Street, Suite 300  
White Plains, New York 10606  
914.467.6600 • FAX 914.761.3759

WASTEWATER AND WATER DESIGN:  
**CEDARWOOD ENGINEERING SERVICES, PLLC**  
CIVIL & ENVIRONMENTAL ENGINEERING  
8-12 Dietz St., Suite 303  
Oneonta, NY 607.433.8073  
248 Main St., PO Box 203  
North Creek, NY 518.251.5160

PROJECT SURVEYOR:  
**Kirk K. Horton, Land Surveyor**  
NYS License No. 049954  
9 Broadway  
Amenia, New York 12501  
845.373.7809

KEY MAP:  
[Map showing site location within a larger geographic area]

SCALE IN FEET  
0 50 100  
[Graphic scale bar]

No.	Revision	Date	Appr.

Designed by GIS Drawn by JMS Checked by JSS  
CAD checked by    Approved by     
Scale: AS SHOWN Date: January 8, 2015  
Project Title:

**Silo Ridge Resort Community**  
4651 Route 22, Town of Amenia  
Dutchess County, New York

Issued for: **Site Plan - Phase 1**

Not Issued for Construction  
Drawing Title:

**WELL #11 DETAILS**

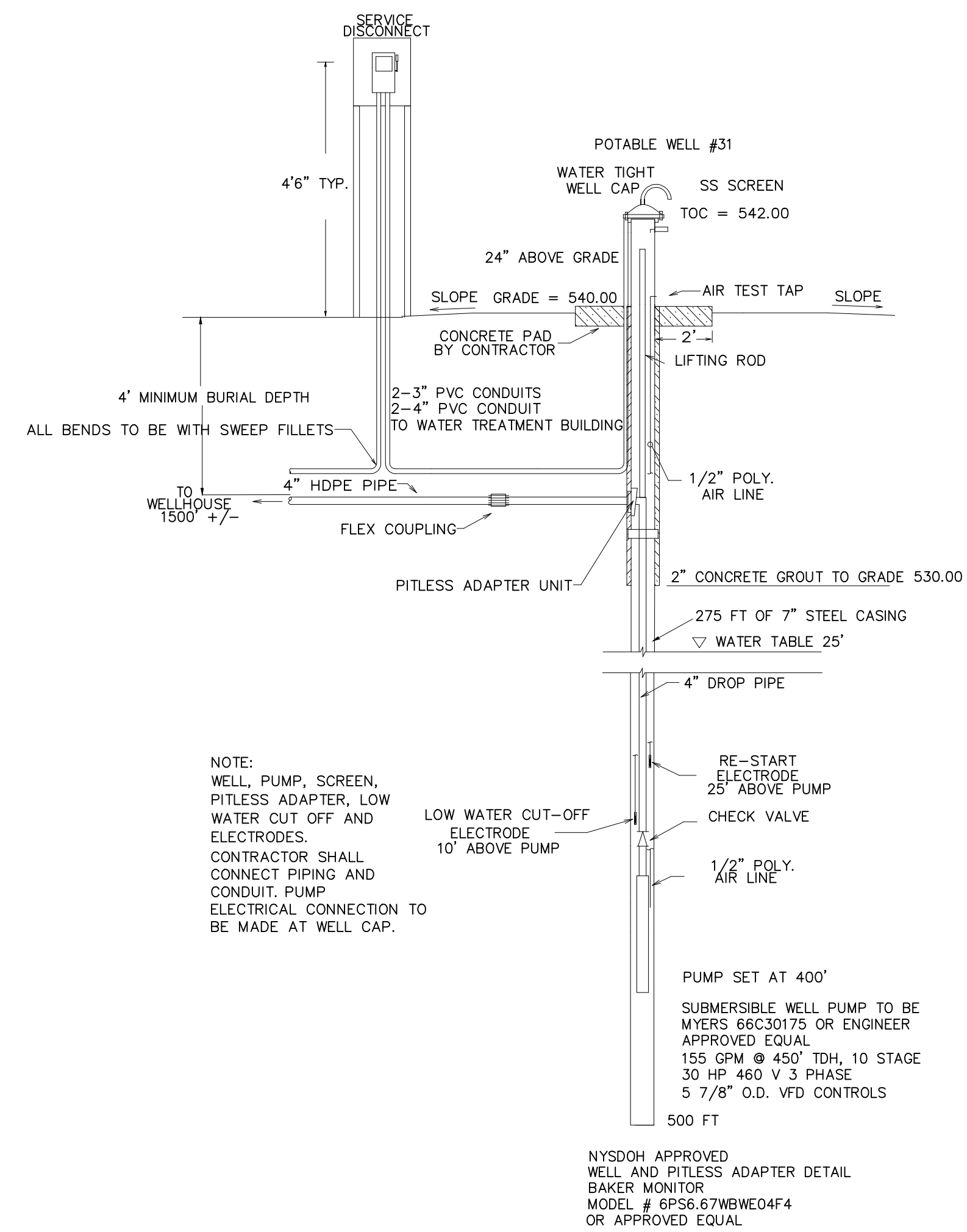
Drawing Number:  
**C8.10**  
Sheet of:  
NAME: **N.Y. Professional Engineer**  
Project Number: **29011.00**  
NY Lic. No. **###**  
SILO WELL #11.DWG

PRELIMINARY PLANS, FOR PLANNING AND PERMITTING ONLY, NOT FOR CONSTRUCTION

GENERAL NOTES:  
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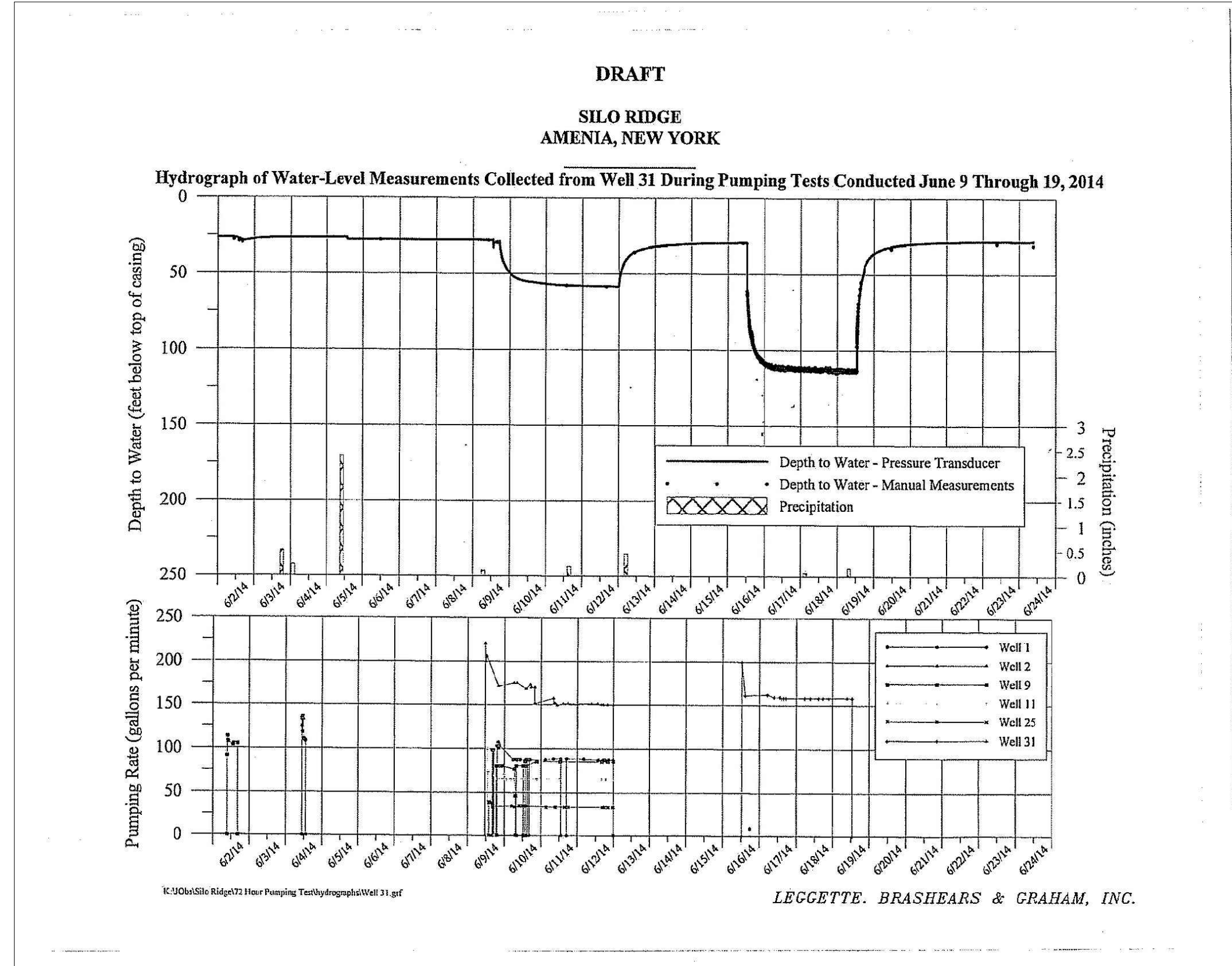
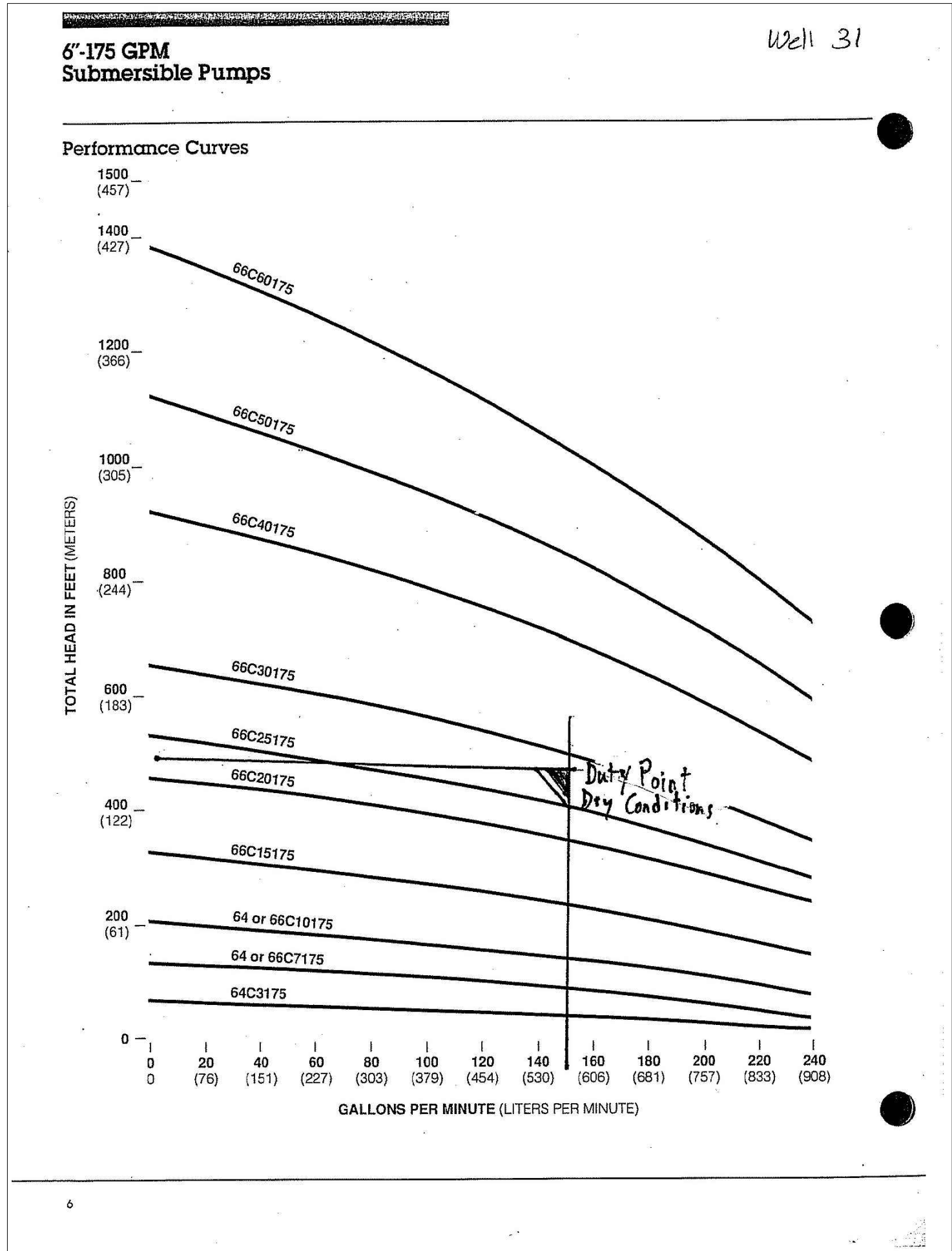
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WELL #31 ELEVATION VIEW  
NOTE: SEE WATER REPORT BY OTHERS FOR THE 30 AND 180 DAY DRAWDOWN PROJECTIONS BASED ON THE WELL TESTS

GENERAL NOTES:  
ALL WATER SYSTEM EQUIPMENT NOT SPECIFICALLY INDICATED ON PLANS AND DETAILS MAY BE ACCEPTABLE TO OWNER AND ENGINEER, BUT CAN ONLY BE SUBSTITUTED WITH APPROVED EQUAL IF APPROVED IN WRITING BY ENGINEER AND OWNER.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION		WELL # 31	
County: <u>Dutchess</u>		Well No: <u>DL 8081</u>	
City: <u>Amenia</u>		Well Log	
<b>WATER WELL COMPLETION REPORT</b>			
OWNER: <u>Silo Ridge Ventures, LLC</u>	ADDRESS: <u>5021 Rt 24 Amenia NY 12501</u>	DATE: <u>2/11/14</u>	WELL # <u>31</u>
OPERATOR: <u>Bechtel</u>	PERMITS: <u>5066-00-670717</u>	START DATE: <u>5/12/14</u>	END DATE: <u>5/14/14</u>
WELL DEPTH: <u>500'</u>	SCREENS: <u>68' - 5/12/14</u>	TOP OF WELL:	SAFELY HARDENED SUFFICIENTLY WATER-BEARING AT 260 + 350
<b>YIELD TEST</b>			
DATE: <u>5/12/14</u>	TIME: <u>4 Hours</u>	YIELD: <u>100+</u>	TESTER: <u>John P. Hill</u>
<b>PUMP INSTALLATION</b>			
DATE: <u>5/12/14</u>	TYPE: <u>40-155</u>	INSTALLER: <u>M. Hill</u>	APPROVED BY: <u>M. Hill</u>
<b>DRIER INFORMATION</b>			
TYPE: <u>40-155</u>	MODEL: <u>40-155</u>	TESTER: <u>TEST</u>	DATE: <u>5/12/14</u>



**OWNER:**  
Silo Ridge Ventures, LLC  
9021 Route 44  
Amenia, New York 12501  
845.373.8020

**ARCHITECTS, PLANNERS, LANDSCAPE ARCHITECTS:**  
**HART | HOWERTON**  
10 East 40th Street New York, NY 10016  
Tel: 212.683.8631 Fax: 212.481.3768  
Email: NY@harthowerton.com

**COLLECTIVE COURSE DESIGNERS:**  
**FAZIO DESIGN**  
401 N. Main St., Ste. 400  
Hendersonville, North Carolina 28792  
828.693.0052 • FAX 828.693.0071

**ENVIRONMENTAL PLANNING & CIVIL ENGINEERING:**  
**VHB**  
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Transportation  
Land Development  
Environmental Services  
50 Main Street, Suite 300  
White Plains, New York 10606  
914.467.6600 • FAX 914.761.3759

**WASTEWATER AND WATER DESIGN:**  
**CEDARWOOD ENGINEERING SERVICES, PLLC**  
CIVIL & ENVIRONMENTAL ENGINEERING  
8-12 Dietz St., Suite 303  
Ossineke, NY 607.433.8073  
248 Main St., PO Box 203  
North Creek, NY 518.251.5160

**PROJECT SURVEYOR:**  
**Kirk K. Horton, Land Surveyor**  
NYS License No. 049954  
9 Broadway  
Amenia, New York 12501  
845.373.7809

**KEY MAP:**  
[Map showing project location in Amenia, NY]

**SCALE IN FEET:**  
0 50 100

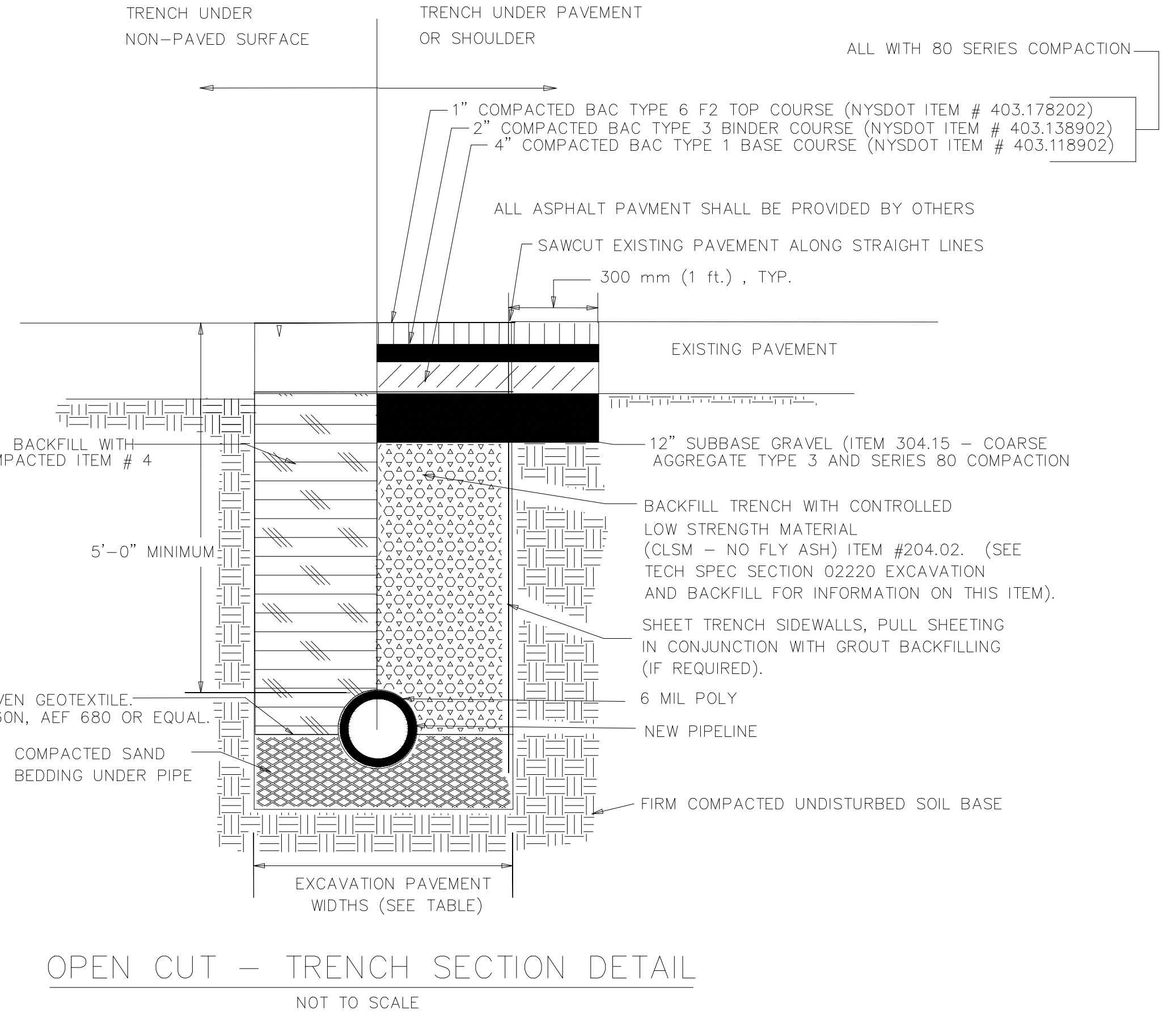
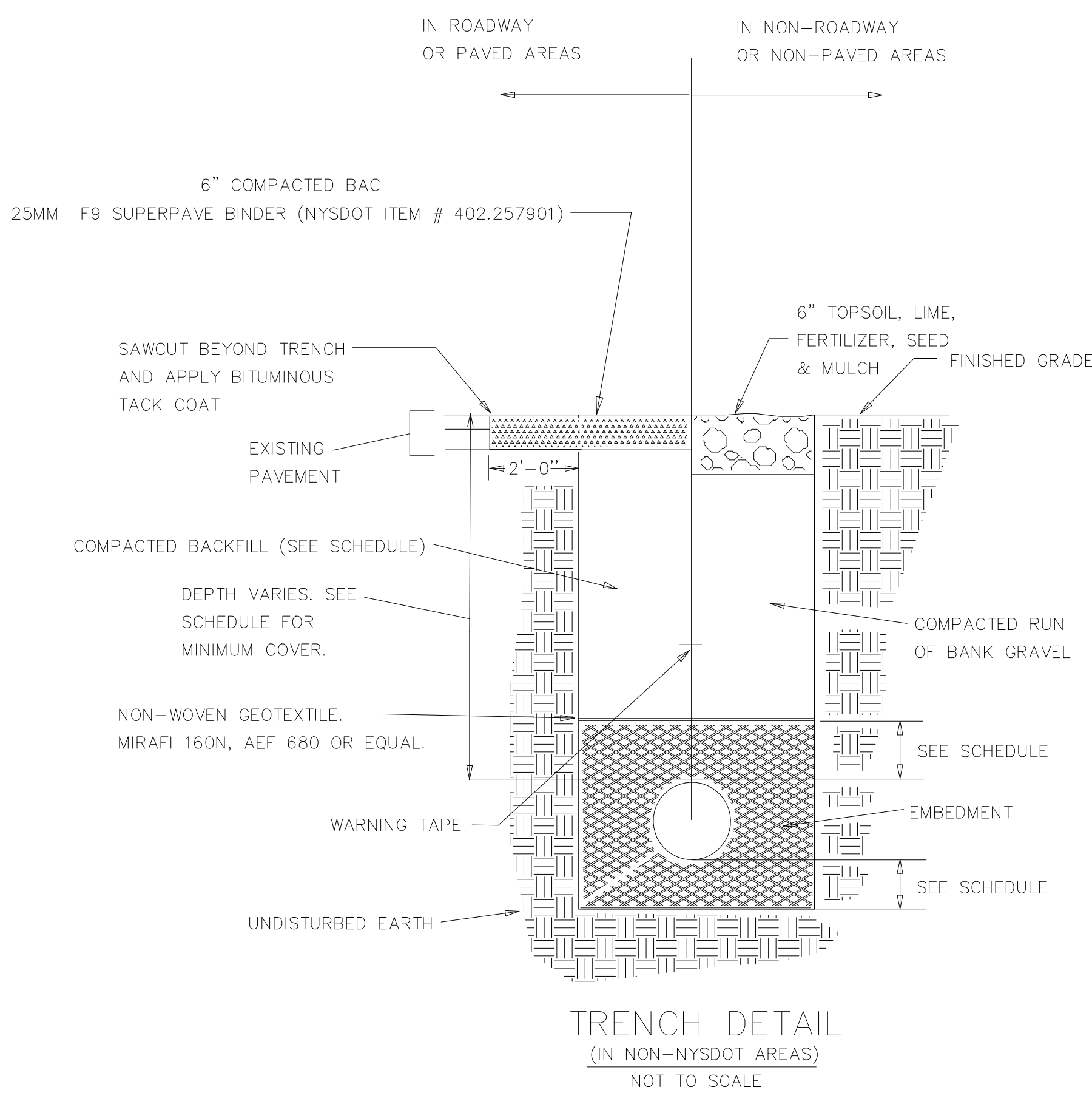
No.	Revision	Date	Appr.

Designed by: GIS Drawn by: MS Checked by: YSS  
CAD checked by:    Approved by:     
Scale: AS SHOWN Date: January 8, 2015  
Project Title: Silo Ridge Resort Community  
Drawing Title: Site Plan - Phase 1  
Not Issued for Construction  
**WELL #31 DETAILS**

Drawing Number: **C8.11**  
Sheet 1 of 1  
NAME:    Project Number: 29011.00  
N.Y. Professional Engineer NY Lic. No.    SLOP WELL #31.DWG

PRELIMINARY PLANS, FOR PLANNING AND PERMITTING ONLY, NOT FOR CONSTRUCTION

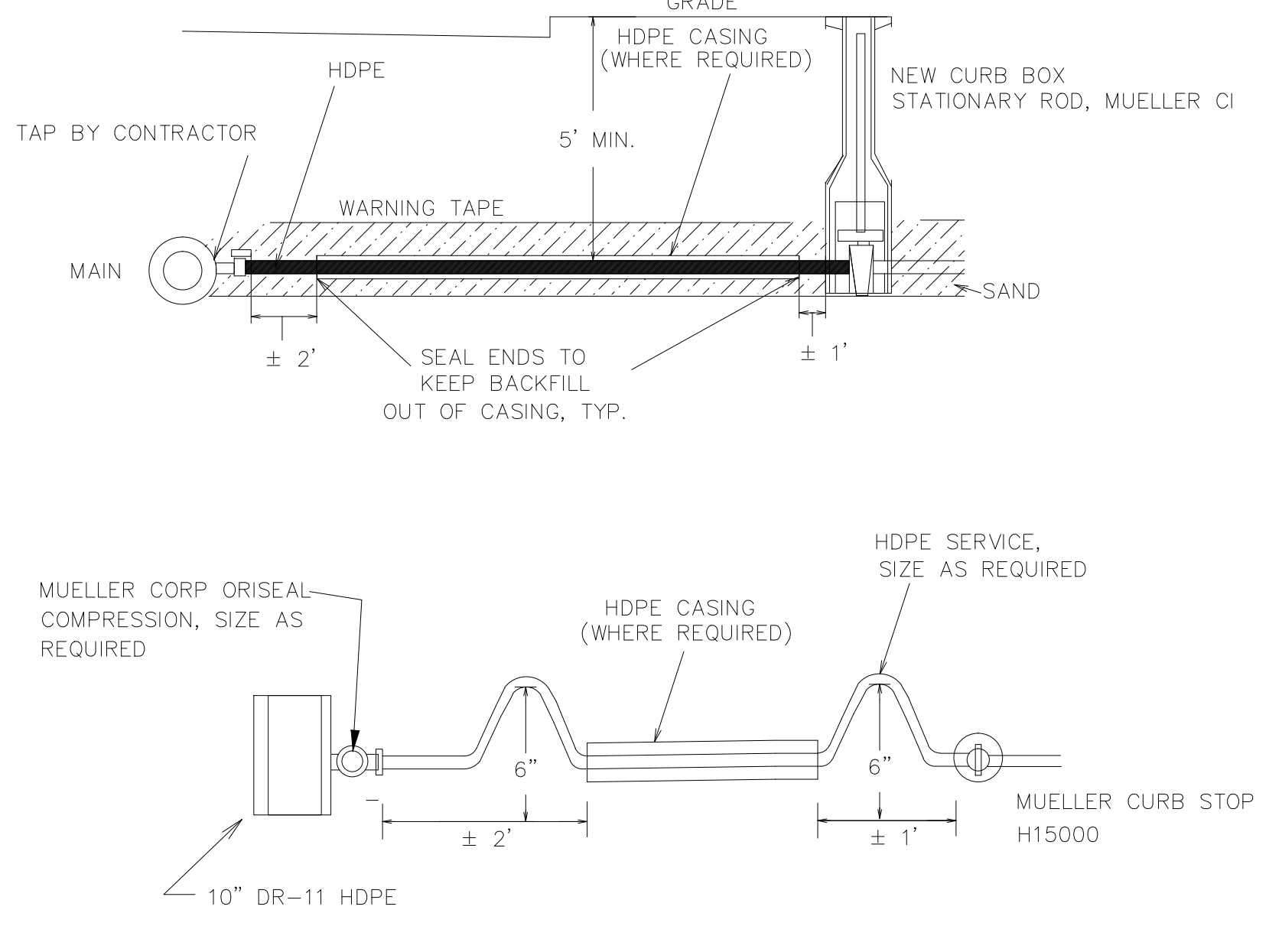
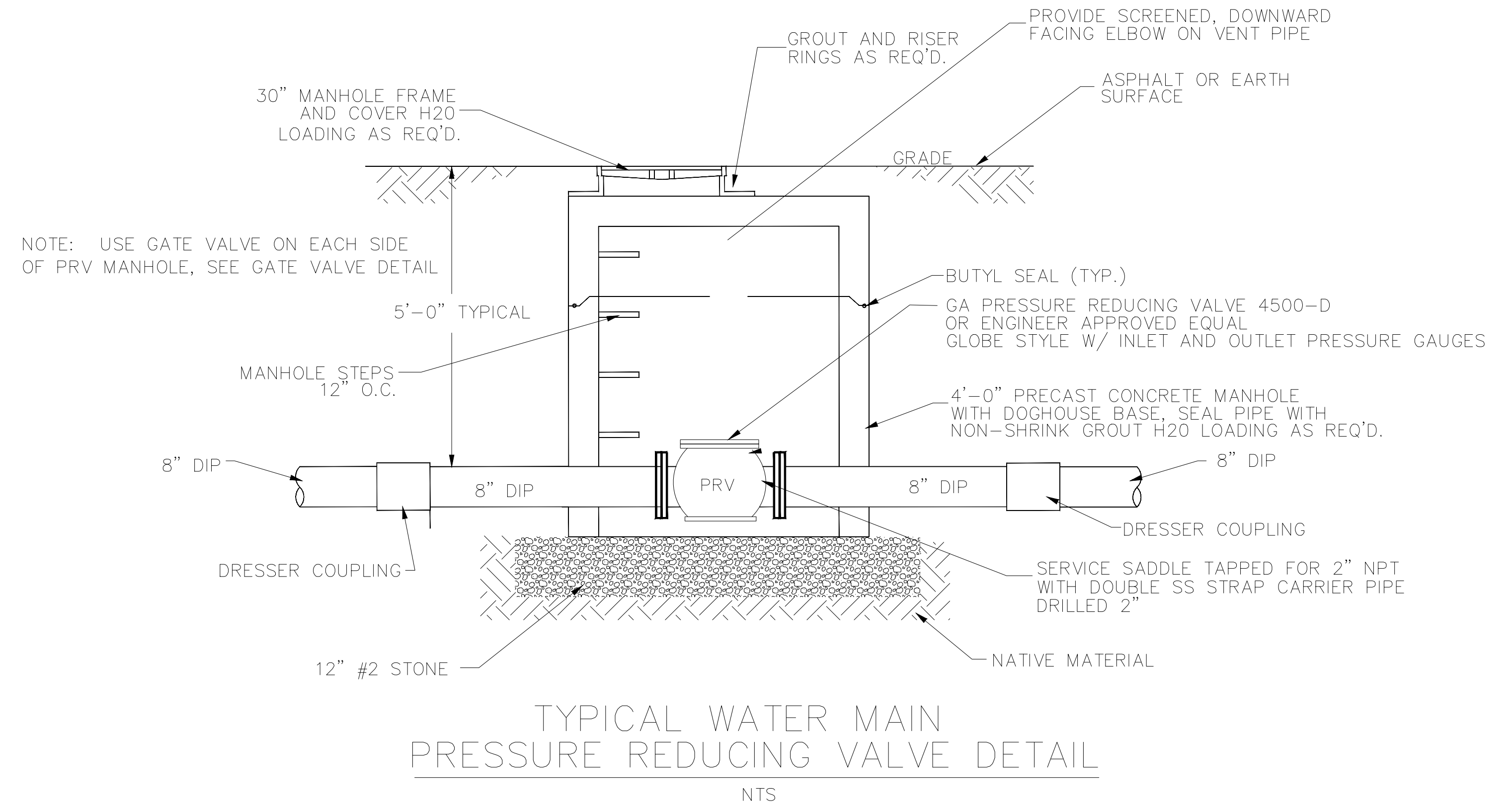




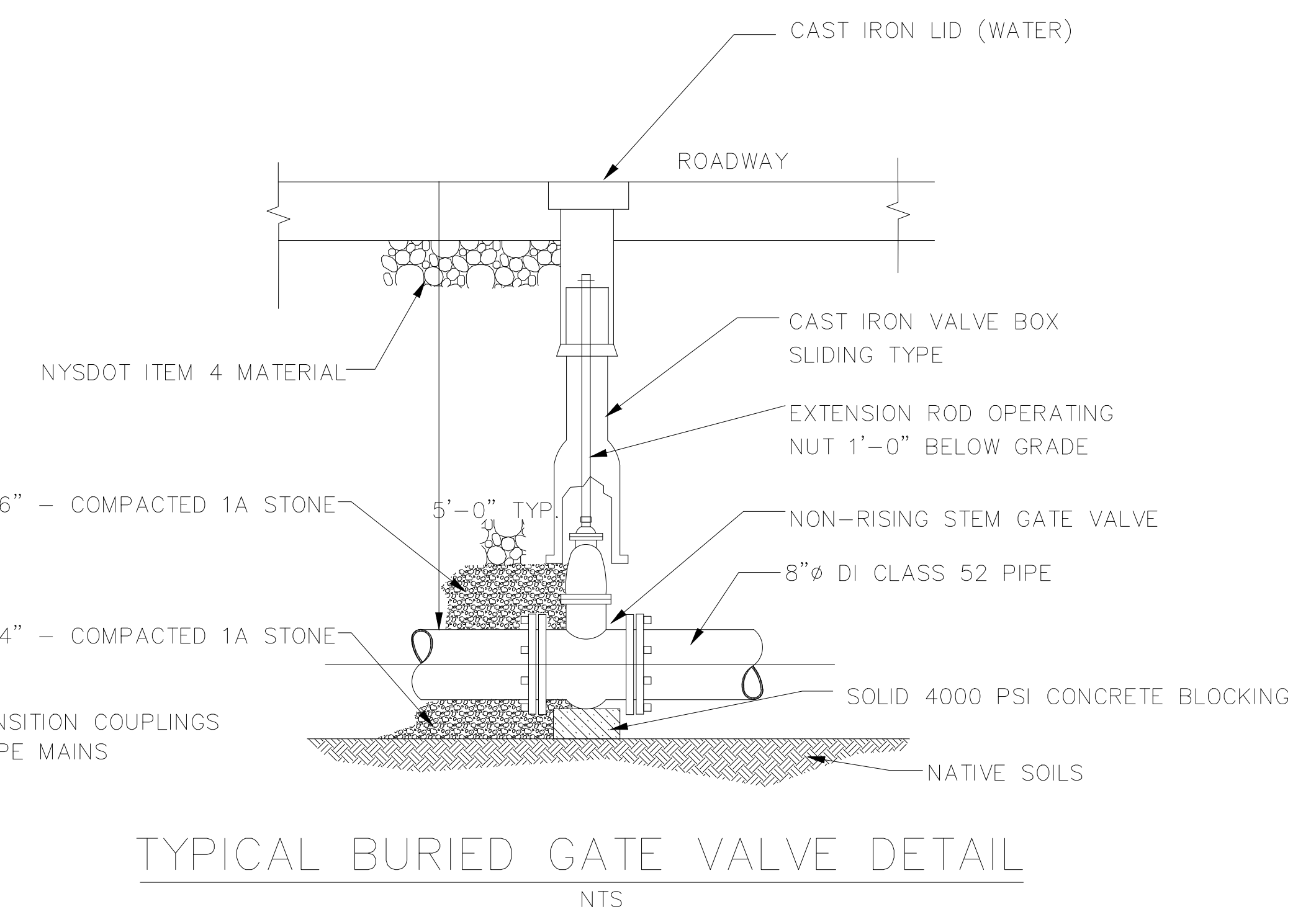
PIPE EMBEDMENT AND BACKFILL SCHEDULE

Application	Pipe Type	Bedding Material	EMBEDMENT		MINIMUM TOTAL PIPE COVER		BACKFILL IN ROADWAYS OR NON-PAVED AREAS	Type of Backfill	Marking Tape
			Depth Under Pipe (Inches)	Depth Over Pipe (Inches)	Depth Under Pipe (Inches)	Depth Over Pipe (Inches)			
Water Main	HDPE	ROB Sand	4	6	60	60	All Depths	Item #4	Water *
Water Service	HDPE	ROB Sand	4	6	60	60	All Depths	Item #4	Water *
Water Service Sleeve / Casing	HDPE	ROB Sand	4	6	60	60	All Depths	Item #4	Water *
Sanitary Sewer	PVC-SDR 35	#1A Stone	4	6	as required	as required	All Depths	Item #4	Sewer *
Sanitary Lateral	PVC-SDR 35	#1A Stone	4	6	as required	as required	All Depths	Item #4	Sewer *
FORCE MAIN	HDPE	ROB Sand	4	6	36*	36*	All Depths	Item #4	Sewer *
Structure Drain PE 3048 (Black Plastic)		#1A Stone	4	6	as required	as required	All Depths	Item #4	Electric *
Electrical Conduit	Galvanized Rigid Conduit	ROB Sand	4	6	24"	24"	All Depths	Item #4	Electric *

- NOTES:
- CONTRACTOR'S OPERATIONS SHALL CONFORM WITH OSHA REGULATIONS.
  - CONTRACTOR SHALL INSTALL NOT GREATER THAN 24 INCHES ABOVE ALL PIPELINES A 2 INCH WIDE WARNING TAPE WITH CONTINUOUS WARNING. CAUTION: BURIED PIPELINE BELOW. \* INDICATES METALLIC TAPE ABOVE ALL NON-METALLIC PIPE.
  - CONTRACTOR SHALL INSTALL 2" THICK X 2' WIDE RIDGED DOW BOARD ABOVE ALL ALL LATERALS LESS THAN 3'-6" IN BURIAL DEPTH.



- NOTES:
- ALL WORK FOR NEW WATER SERVICES TO BE PROVIDED/PERFORMED BY THE CONTRACTOR
  - VERIFY WITH OWNER FOR FINAL LOCATION OF NEW SERVICE RELATED ITEMS.



- NOTE: USE TRANSITION COUPLINGS WHEN USING HDPE MAINS
- ALL MJ JOINT SHALL BE ASSEMBLED WITH MECHANICAL JOINT WEDGE ACTION RESTRAINTS FOR DUCTILE IRON PIPE, ASSEMBLIES SHALL HAVE BREAK OFF TORQUE CONTROL NUTS  
ALL CONNECTIONS FROM DUCTILE TO HDPE WATER MAIN SHALL BE 5'-0" FROM CENTER LINE OF THE VALVE

OWNER:  
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5021 Route 44  
Amenia, New York 12501  
845.373.8020

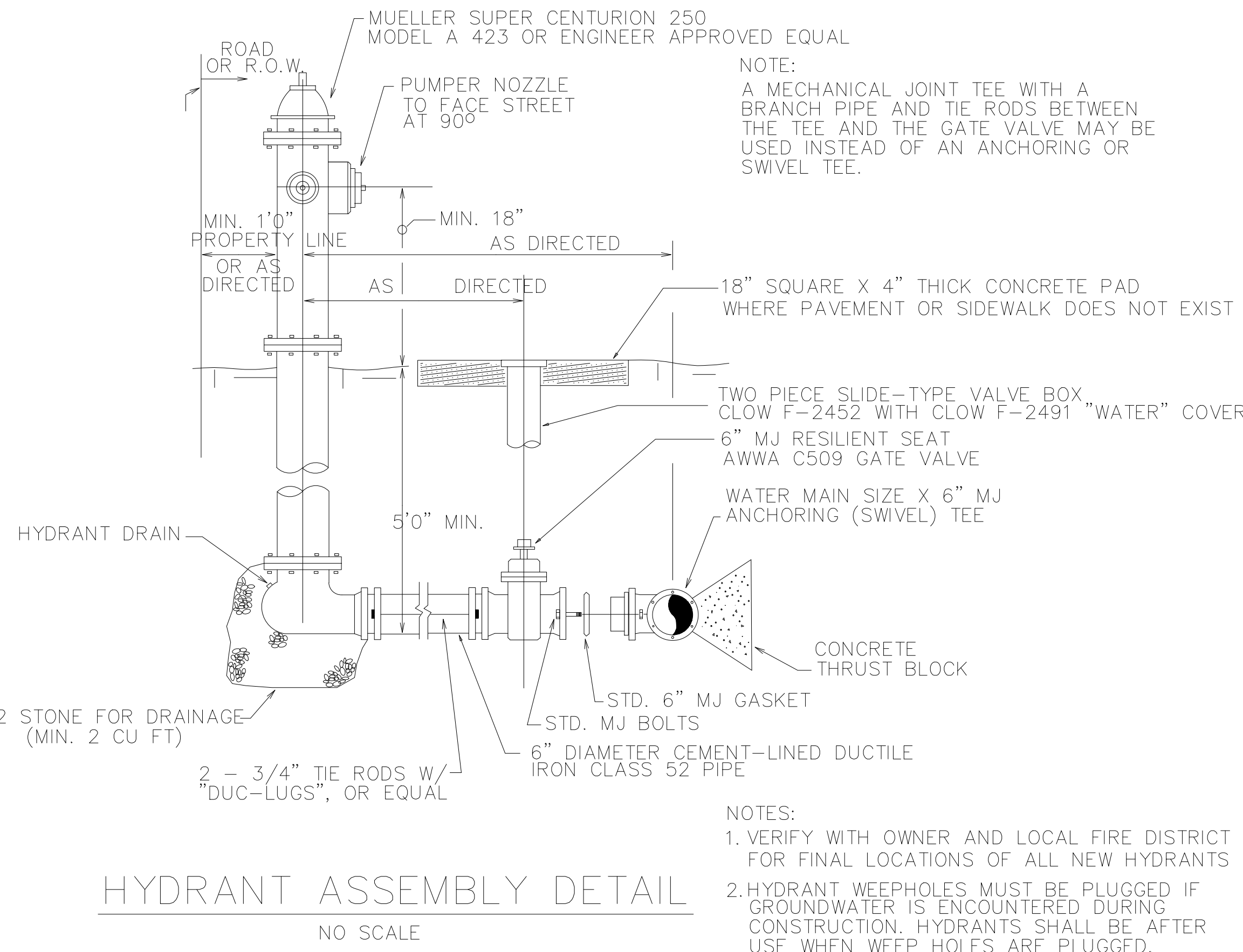
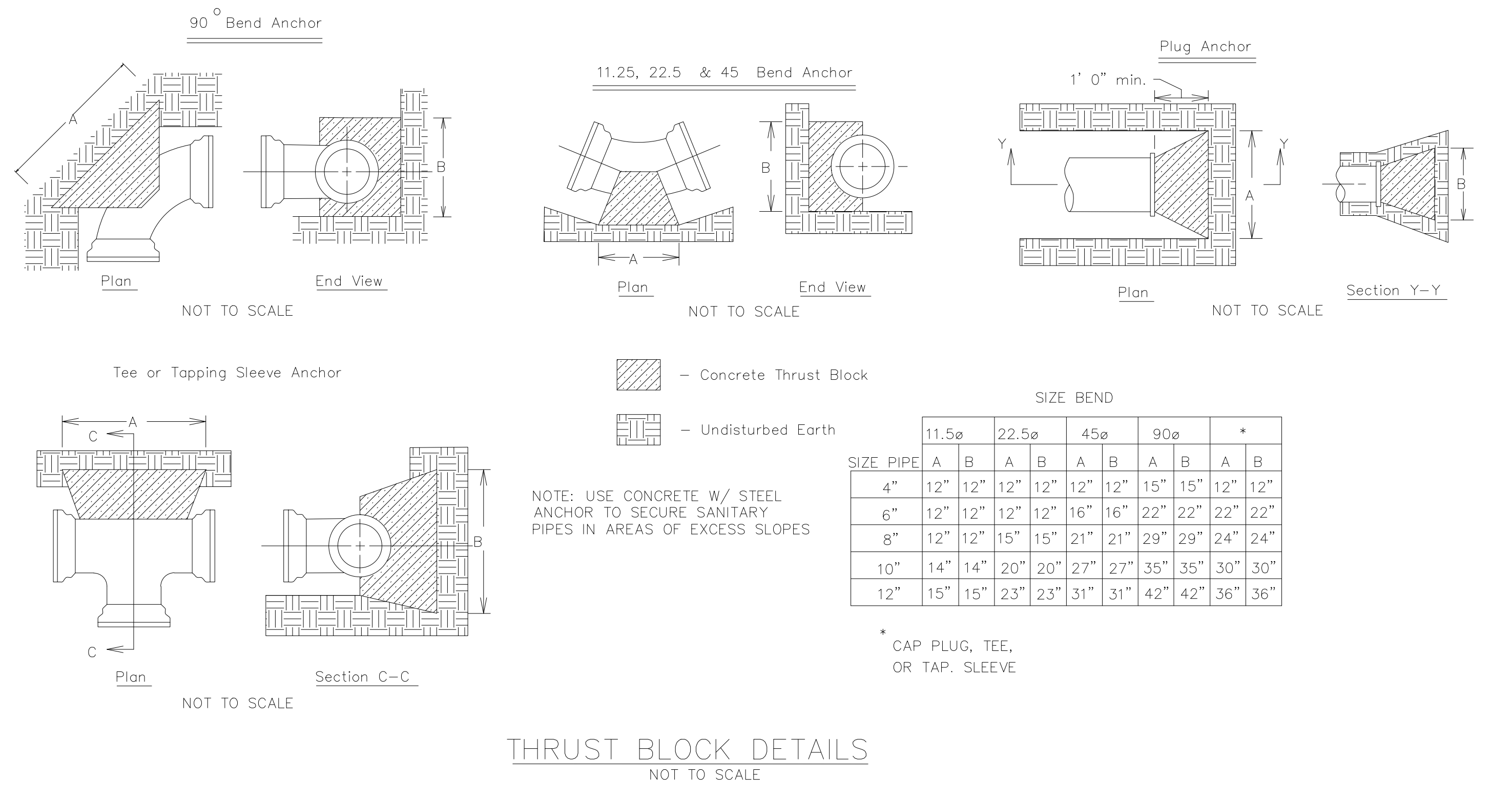
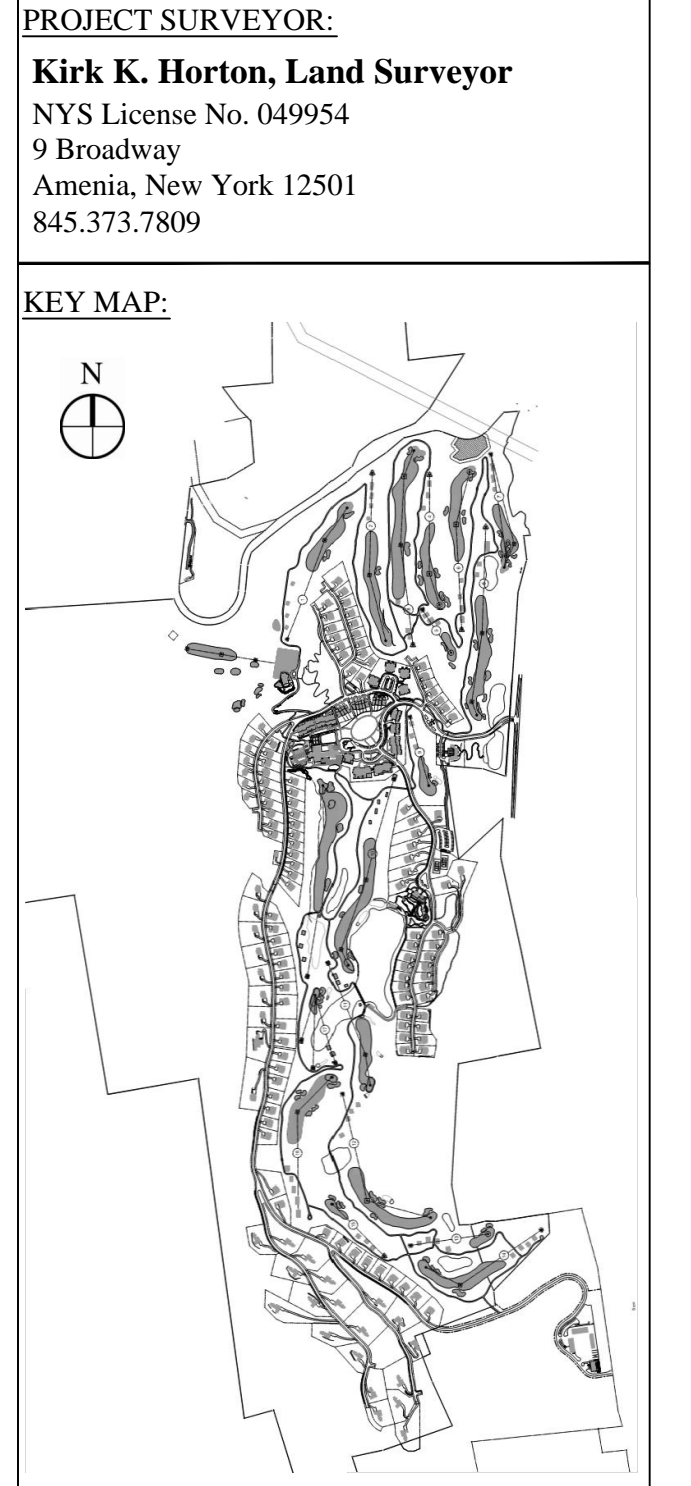
ARCHITECTS, PLANNERS, LANDSCAPE ARCHITECTS:  
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Email: NY@hart-howerton.com

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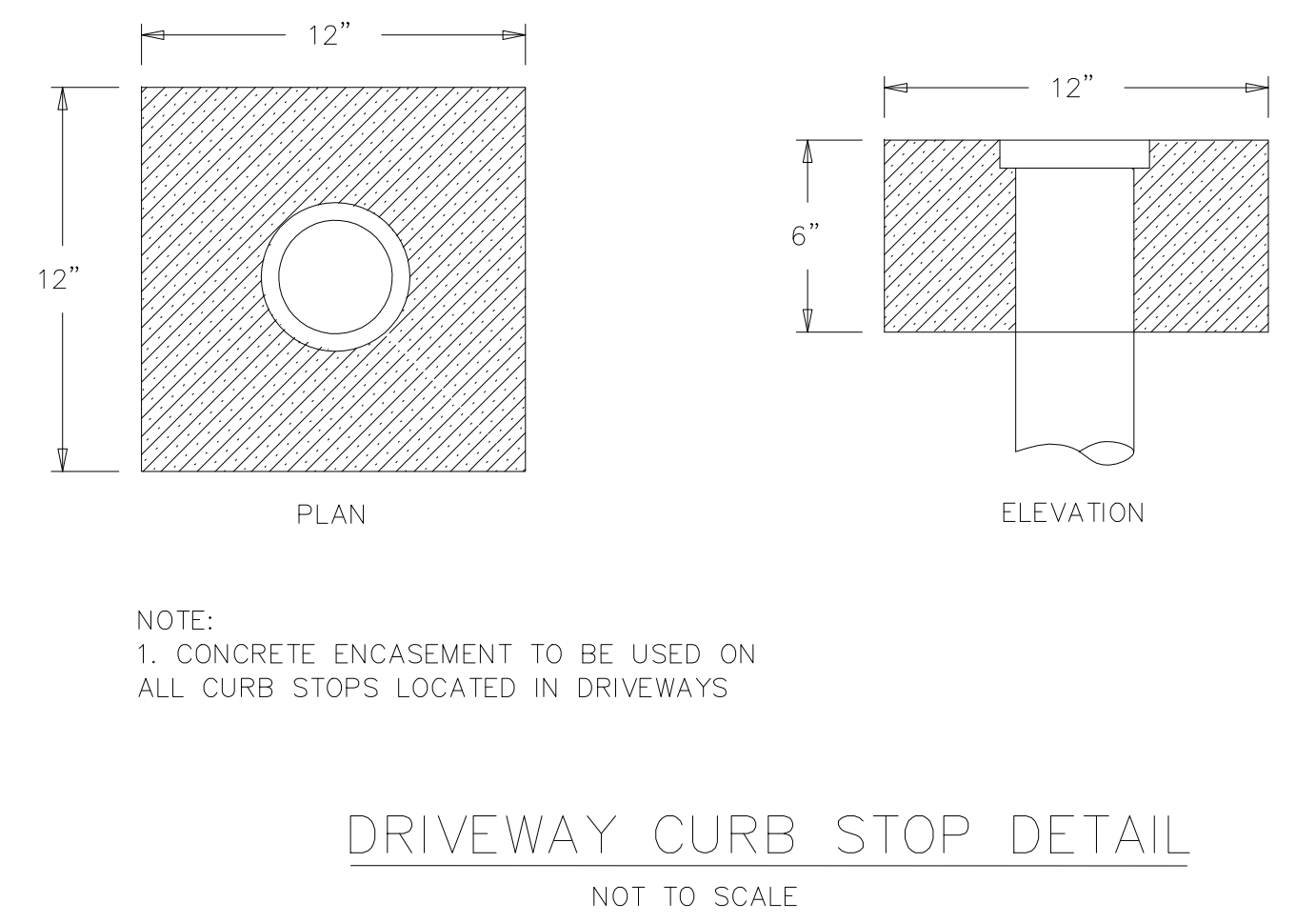
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WASTEWATER AND WATER DESIGN:  
**CEDARWOOD ENGINEERING SERVICES, PLLC**  
CIVIL & ENVIRONMENTAL ENGINEERING  
8-12 Dietz St., Suite 305  
Ossining, NY 10576-8073  
248 Main St., PO Box 203  
North Creek, NY 518.251.5160

PROJECT SURVEYOR:  
**Kirk K. Horton, Land Surveyor**  
NYS License No. 049954  
9 Broadway  
Amenia, New York 12501  
845.373.7809



- NOTES:
- VERIFY WITH OWNER AND LOCAL FIRE DISTRICT FOR FINAL LOCATIONS OF ALL NEW HYDRANTS
  - HYDRANT WEEP HOLES MUST BE PLUGGED IF GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION. HYDRANTS SHALL BE AFTER USE WHEN WEEP HOLES ARE PLUGGED.
- ALL MJ JOINT SHALL BE ASSEMBLED WITH MECHANICAL JOINT WEDGE ACTION RESTRAINTS FOR DUCTILE IRON PIPE, ASSEMBLIES SHALL HAVE BREAK OFF TORQUE CONTROL NUTS  
USE OF THIS ASSEMBLY DOES NOT REPLACE THE RODS SHOWN  
ALL CONNECTIONS FROM DUCTILE TO HDPE WATER MAIN SHALL BE 5'-0" FROM CENTER LINE OF THE DUCTILE IRON PIPE



PRELIMINARY PLANS, FOR PLANNING AND PERMITTING ONLY, NOT FOR CONSTRUCTION

No.	Revision	Date	Appr.

**Silo Ridge Resort Community**  
4651 Route 22, Town of Amenia  
Dutchess County, New York

Issued for  
**Site Plan - Phase 1**

Not Issued for Construction  
Drawing Title  
**GENERAL WATER DETAILS**

Drawing Number  
**C8.12**

Sheet of  
**2**

NAME  
N.Y. Professional Engineer  
NY Lic. No. #####

Project Number  
29011.00

STANDARD DETAILS-FINAL 2-16-15.DWG