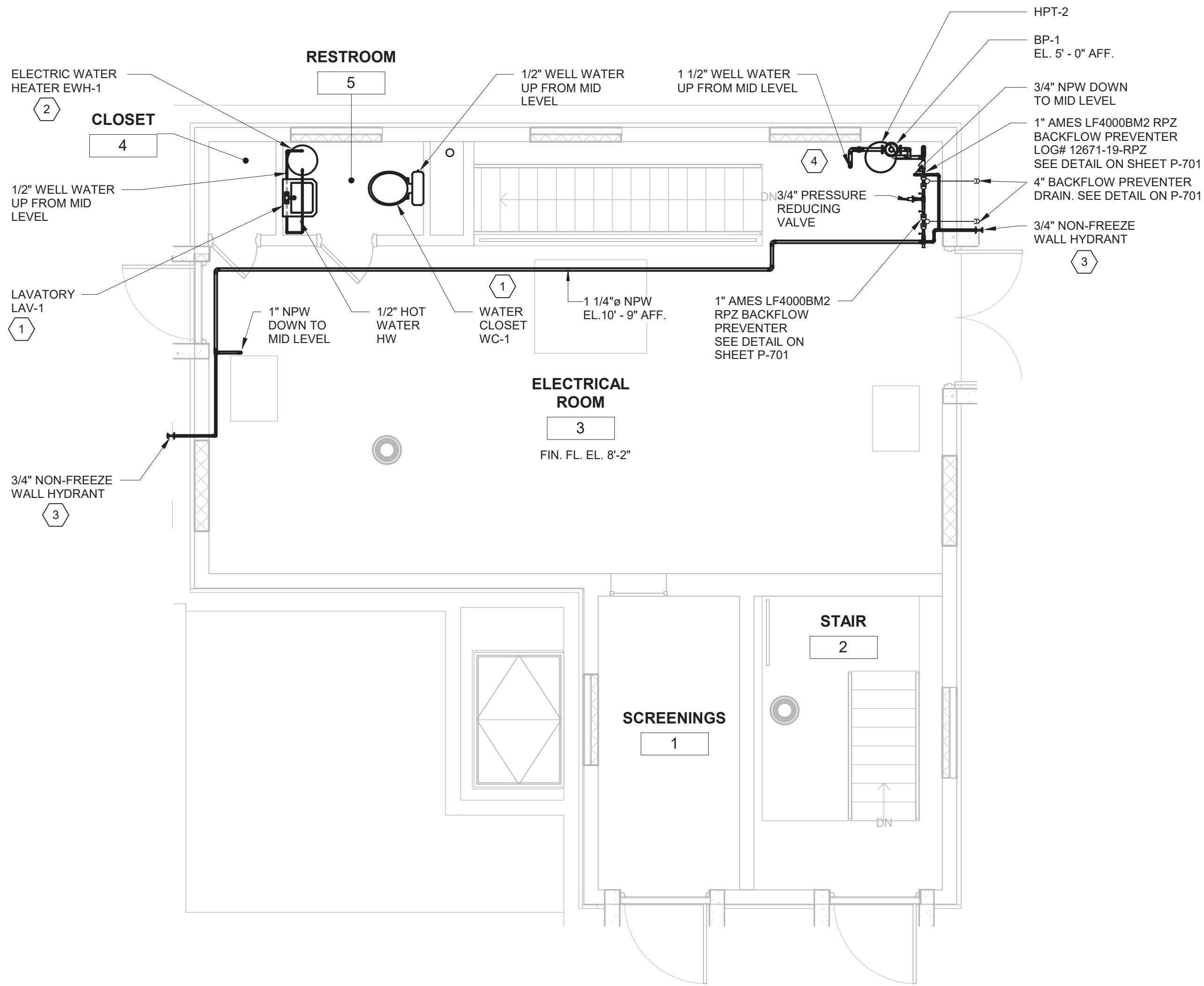


1 MAIN LEVEL - DEMOLITION PLAN
1/4" = 1'-0"



KEYED NOTES:

1. DEMOLISH PIPING DOWN TO MIDDLE LEVEL. SEE P-102 FOR CONTINUATION.
2. DEMOLISH WATER CLOSET, LAVATORY AND PIPING DOWN TO MIDDLE LEVEL. SEE P-102 FOR CONTINUATION.
3. DEMOLISH ELECTRIC WATER HEATER AND PIPING DOWN TO MIDDLE LEVEL. SEE P-102 FOR CONTINUATION.
4. DEMOLISH NON-FREEZE WALL HYDRANT AND PIPING. SEE P-102 FOR CONTINUATION.



2 MAIN LEVEL - INSTALLATION PLAN
1/4" = 1'-0"



KEYED NOTES:

1. PROVIDE TANK TYPE WATER CLOSET, LAVATORY AND PIPING.
2. PROVIDE ELECTRIC WATER HEATER AND PIPING.
3. PROVIDE NON-FREEZE WALL HYDRANT AND PIPING.
4. EXPOSED PIPING BETWEEN 2" INCOMING WELL WATER CONNECTION AND PRIMARY RPZ SHALL BE STENCILED "FEED LINE TO BACKFLOW PREVENTER - DO NOT TAP" AT 5'-0" INTERVALS.



Jul 16 2021 3:17 PM

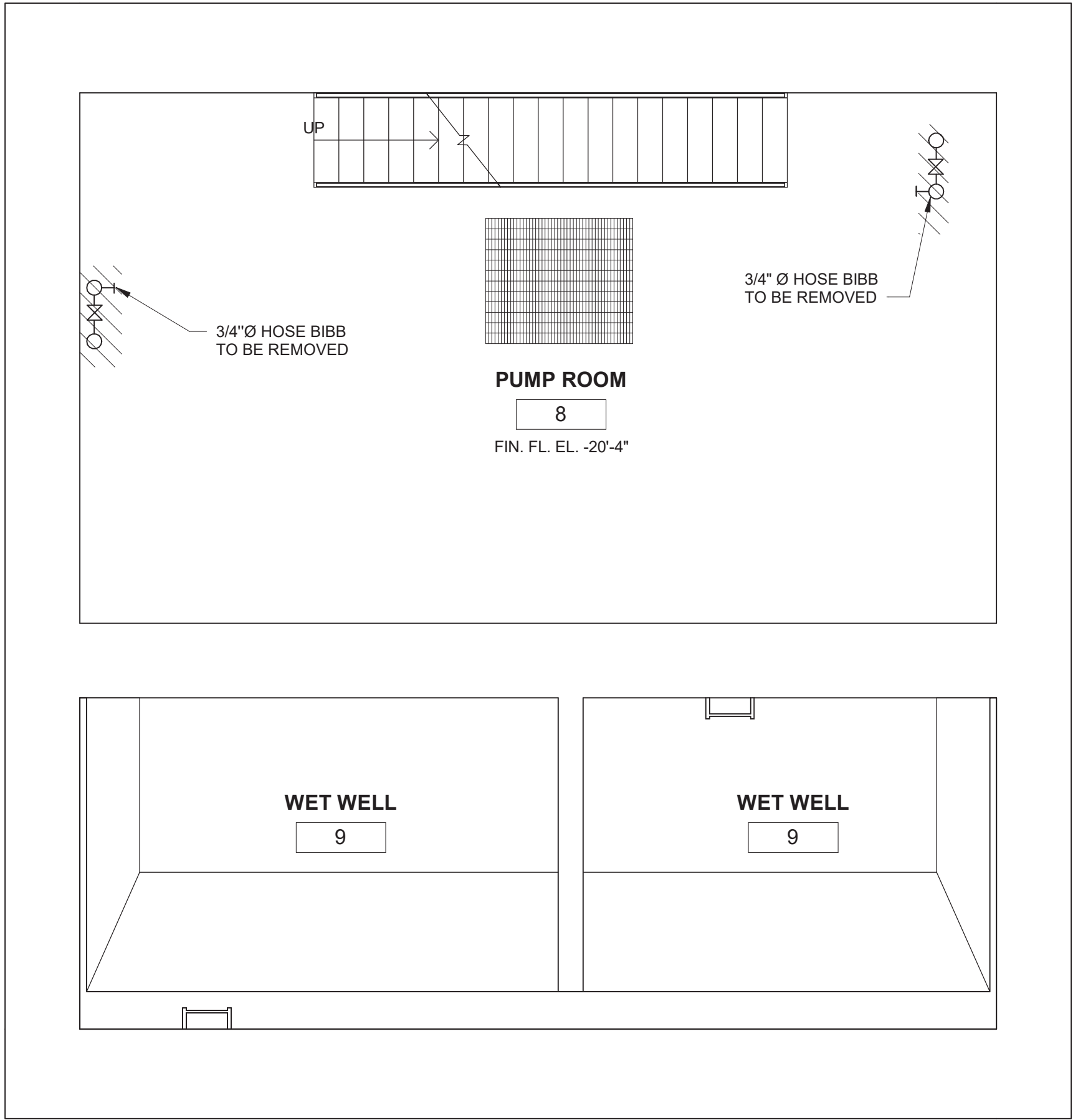
IN ACCORDANCE WITH TITLE VIII, ARTICLE 145, SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW, IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER TO ALTER THIS DOCUMENT.

IN CHARGE OF **T. ERWIN**
CHECKED BY **K. RADEMACHER**
MADE BY **K. LABENSKI**

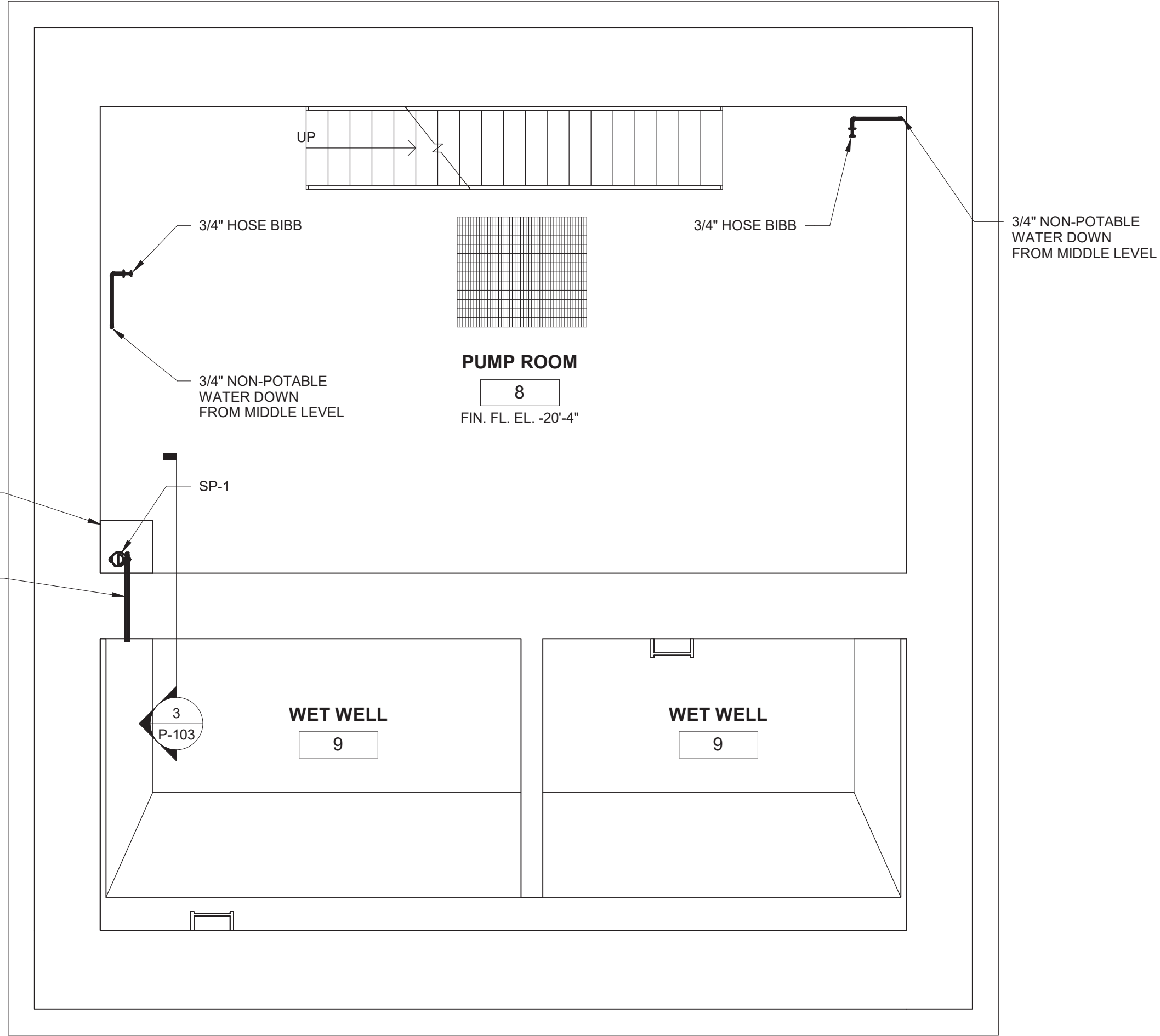
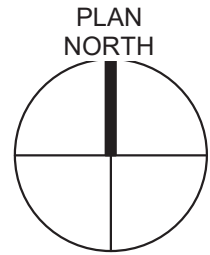


O'BRIEN & GERE ENGINEERS, INC.
50 MAIN ST., 10TH FLOOR, SUITE 1000
WHITE PLAINS, NEW YORK 10606

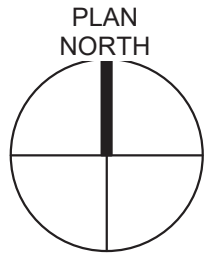
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES				
CONTRACTOR		PROJECT COORDINATOR		
NAME	SIGNATURE	NAME	SIGNATURE	DATE
TITLE		TITLE		
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 17-534	SHEET NUMBER P-101	SHEET NO. 57 OF 60
CROTONVILLE PUMPING STATION REHABILITATION OSSINING SANITARY SEWER DISTRICT OSSINING, NEW YORK MAIN LEVEL PLUMBING DEMOLITION & INSTALLATION PLANS		SCALE: 1/4"=1'-0" DATE: 12/21/2018 DPW FILE NO. 208-03-P-81-0		REV. NO. 0



1 LOWER LEVEL DEMOLITION PLAN
1/4" = 1'-0"

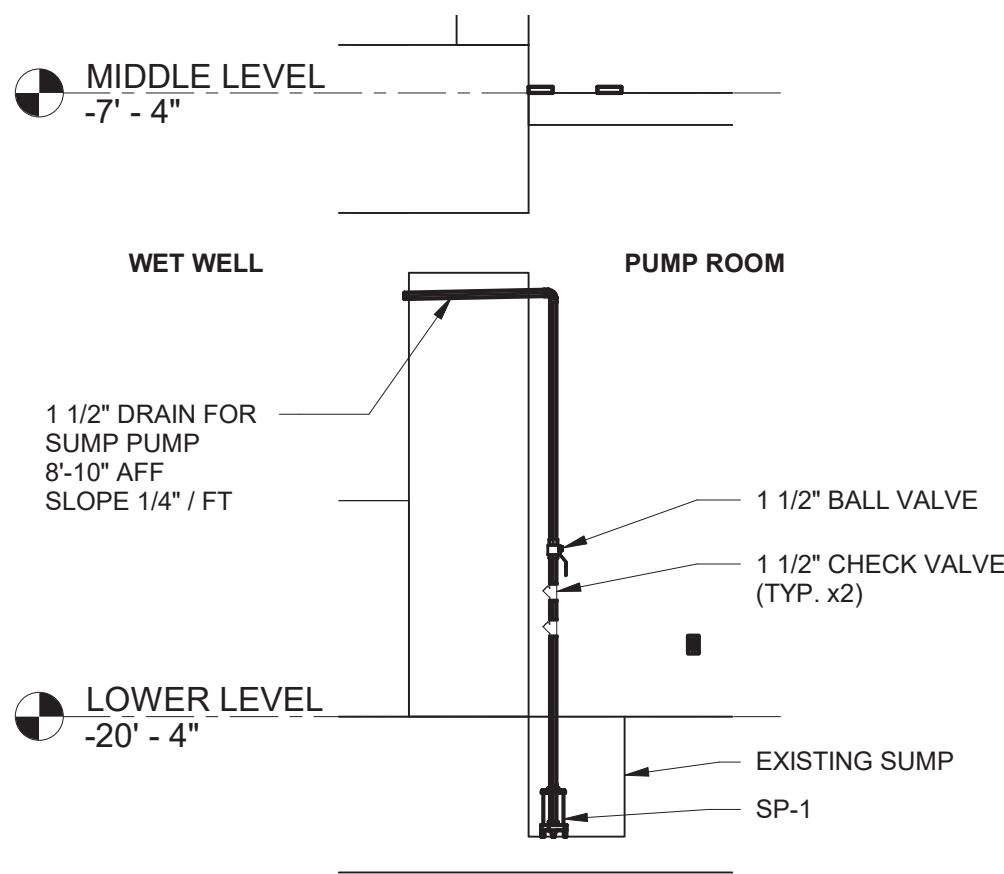


2 LOWER LEVEL INSTALLATION PLAN
1/4" = 1'-0"



GENERAL NOTES:

1. HOSE BIBBS TO BE INSTALLED AT A HEIGHT OF 3'-0" UNLESS OTHERWISE NOTED.



3 SUMP PUMP SECTION VIEW
1/4" = 1'-0"



Jul 16 2021 3:17 PM

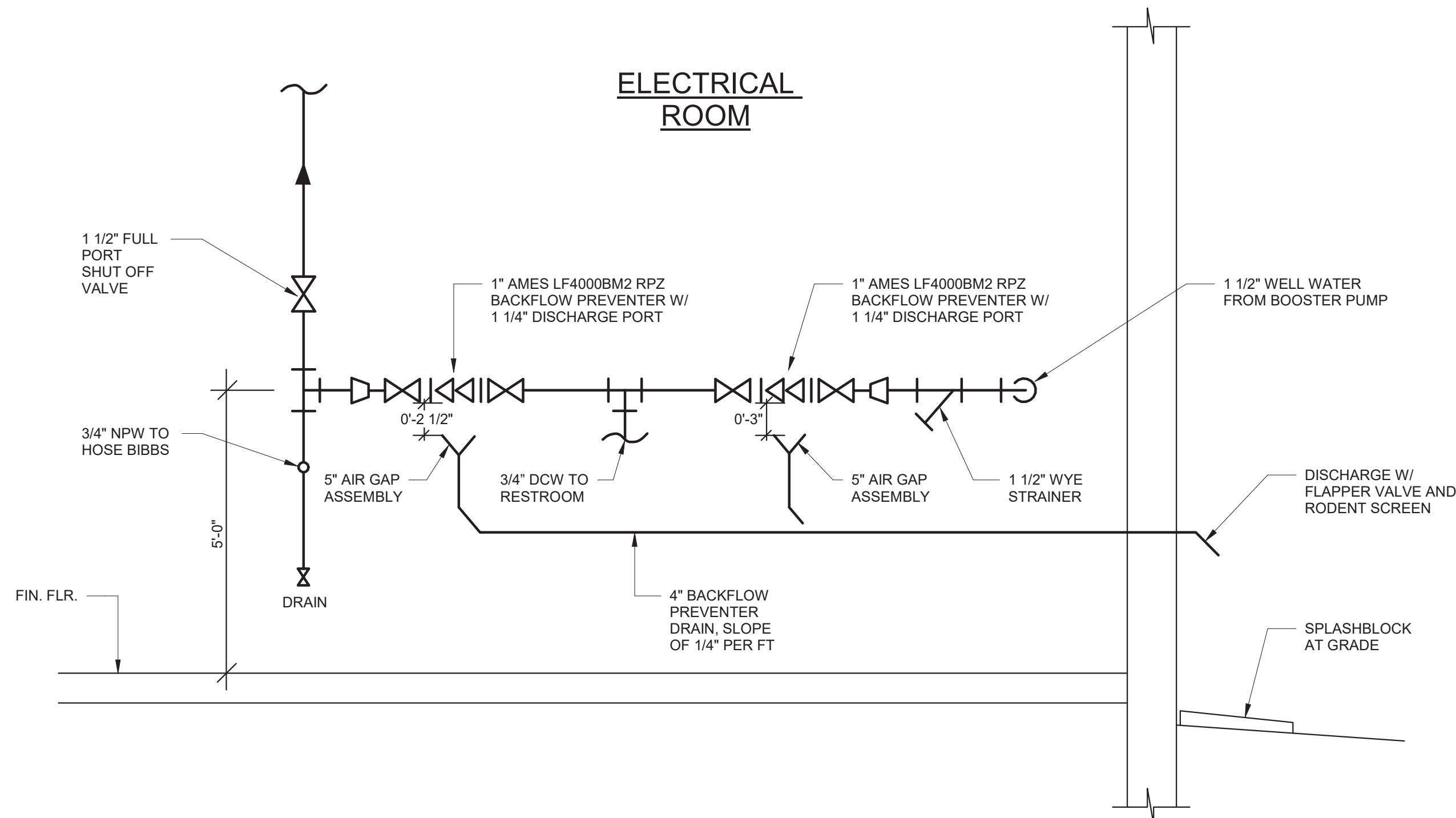
IN ACCORDANCE WITH TITLE VIII, ARTICLE 145, SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW, IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER TO ALTER THIS DOCUMENT.

IN CHARGE OF T. ERWIN
CHECKED BY K. RADEMACHER
MADE BY K. LABENSKI



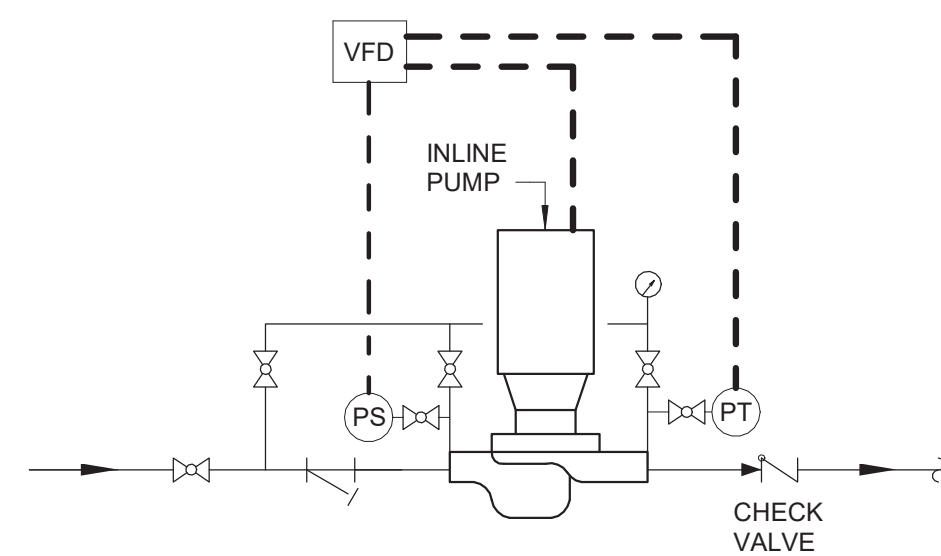
O'BRIEN & GERE ENGINEERS, INC.
50 MAIN ST., 10TH FLOOR, SUITE 1000
WHITE PLAINS, NEW YORK 10606

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES				
CONTRACTOR		PROJECT COORDINATOR		
NAME	SIGNATURE	NAME	SIGNATURE	DATE
TITLE	DATE	TITLE	DATE	DATE
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION DIVISION OF ENGINEERING				CONTRACT NUMBER 17-534 SHEET NUMBER P-103
CROTONVILLE PUMPING STATION REHABILITATION OSSINING SANITARY SEWER DISTRICT OSSINING, NEW YORK LOWER LEVEL PLUMBING DEMOLITION & INSTALLATION				SCALE: 1/4"=1'-0" DATE: 12/21/2018 DPW FILE NO. 208-03-P-83-0 REV. NO. 0



BACKFLOW PREVENTER DETAIL

NOT TO SCALE



INLINE PUMP PIPING DETAIL

NOT TO SCALE

ABBREVIATIONS

BP	BOOSTER PUMP
DCW	DOMESTIC COLD WATER
EWB	ELECTRIC WATER HEATER
HPT	HYDRO-PNEUMATIC TANK
NPW	NON-POTABLE WATER
PS	PRESSURE SENSOR
PT	PRESSURE TRANSMITTER

PLUMBING FIXTURE SCHEDULE						
FIXTURE NAME	DESCRIPTION	CW	HW	VENT	SANITARY	REMARKS
WC-1	WATER CLOSET	1/2"	-	2"	3"	TANK TYPE STANDARD
LAV-1	LAVATORY	1/2"	1/2"	1 1/4"	1 1/4"	WALL HUNG

SUMP PUMP (SP) SCHEDULE

NO.	LOCATION	GPM	THD HEAD (FT)	RPM	MOTOR DATA		MANUFACTURER/ MODEL	REMARKS
					HP	VOLTS /PHASE		
SP-1	SUMP IN DRY WELL LOWER LEVEL	32	26	3450	3/4	115 V	BELL & GOSSETT/ SS0711	1

BOOSTER PUMP (BP) SCHEDULE

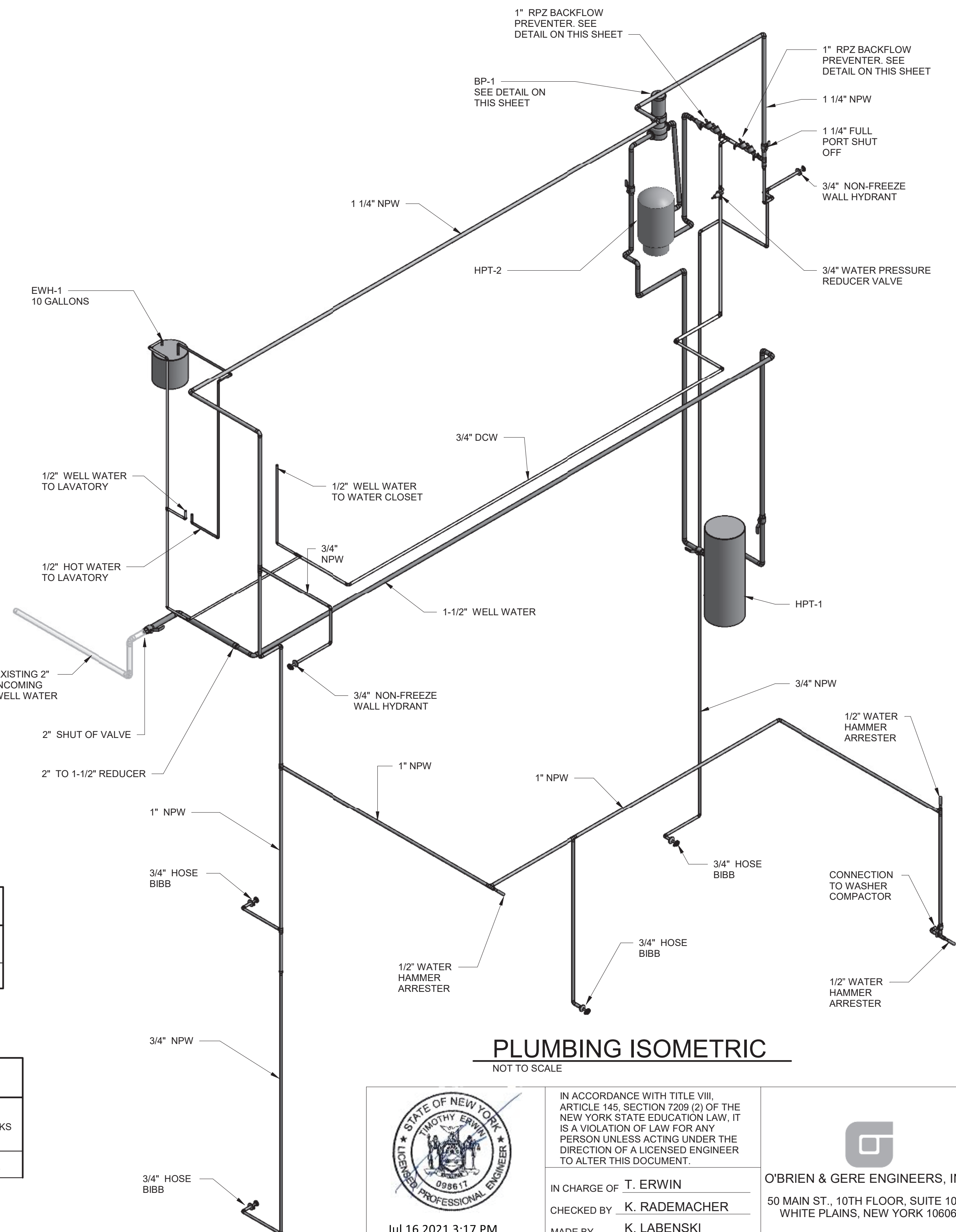
NO.	SERVICE	PUMP				MOTOR			REMARKS
		FLOW GPM	HEAD (FT)	MIN. PUMP EFFICIENCY	CONTROL	HP	RPM	VOLT/PHASE	
BP-1	DCW, NPW	20	157	63	VFD, CONSTANT PRESSURE	2	3500	460V/3 PH	1,2,3,4

ELECTRIC WATER HEATER (EWH) SCHEDULE

NO.	BUILDING	LOCATION	TANK CAPACITY (GALLONS)	HEATING INFORMATION				REMARKS
				INPUT RATING (KW)	VOLTAGE (V)	PHASE (PH)	SET TEMPERATURE	
EWH-1	PUMP STATION	REST ROOM	10	1.65	120	1	120°F	1

HYDRO-PNEUMATIC TANK (HPT) SCHEDULE

NO.	BUILDING	LOCATION	TANK CAPACITY (GALLONS)	SERVICE	TYPE	SIZE	CONNECTION SIZE	REMARKS
HT-1	PUMP STATION	MIDDLE LEVEL	211	WELL WATER	CLOSED	91" x 30" ø	1"	-
HT-2	PUMP STATION	MAIN LEVEL	18	DCW	CLOSED	31-1/4" x 16-1/4" ø	2"	-



PLUMBING ISOMETRIC

NOT TO SCALE



Jul 16 2021 3:17 PM

IN ACCORDANCE WITH TITLE VIII,
ARTICLE 145, SECTION 7209 (2) OF THE
NEW YORK STATE EDUCATION LAW, IT
IS A VIOLATION OF LAW FOR ANY
PERSON UNLESS ACTING UNDER THE
DIRECTION OF A LICENSED ENGINEER
TO ALTER THIS DOCUMENT.

IN CHARGE OF T. ERWIN
CHECKED BY K. RADEMACHER
MADE BY K. LABENSKI



O'BRIEN & GERE ENGINEERS, INC
50 MAIN ST., 10TH FLOOR, SUITE 1000
WHITE PLAINS, NEW YORK 10606

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION

☐ AS BUILT - CHANGES AS NOTED
☐ AS BUILT - NO CHANGES

CONTRACTOR
 NAME _____
 SIGNATURE _____
 TITLE _____ DATE _____

PROJECT COORDINATOR

SIGNATURE _____
TITLE _____ DATE _____

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

CROTONVILLE PUMPING STATION REHABILITATION
OSSINING SANITARY SEWER DISTRICT
OSSINING, NEW YORK
ISOMETRIC, DETAIL & SCHEDULE

SCALE: N.T.S.	
DATE: 12/21/2018	
DPW FILE NO.	R M
208-03-P-84-0	