

PLUMBING SYMBOLS	
SYMBOL	DESCRIPTION
	ACCESS PANEL
	PIPE CAP
	CLEANOUT
	EXISTING PIPING TO BE REMOVED
	NON-POTABLE COLD WATER PIPING
	PIPE BREAK
	PIPE CONNECTION, BOTTOM
	PIPE DROP OR DOWN
	PIPE RISE OR UP
	POINT OF DISCONNECTION
	POINT OF RECONNECTION
	VALVE IN VERTICAL
	WATERTIGHT PIPE SLEEVE, WALL PENETRATION
	STORM LEADER
	STORM LEADER NUMBER
	DIRECTION OF VIEW(S)
	SECTION IDENTIFICATION
	REFERENCE DRAWING NUMBER
	PLAN OR DETAIL IDENTIFICATION
	REFERENCE DRAWING NUMBER

**NOTES**

1) THE KEY OF SYMBOLS INDICATED IS FOR CONVENIENCE ONLY AND ITEMS INDICATED ARE NOT NECESSARILY WITHIN THE SCOPE OF THE WORK.

PLUMBING ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
AB	ABOVE
AFF	ABOVE FINISH FLOOR
AP	ACCESS PANEL
BLDG	BUILDING
CFM	CUBIC FEET PER MINUTE
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
CONN	CONNECTION
DIM	DIMENSION
DN	DOWN
DWG	DRAWING
EA	EACH
ETC	ET CETERA
EXIST	EXISTING
FL	FLOOR
HZ	HERTZ
KW	KILOWATT
NPCW	NON-POTABLE COLD WATER
NTS	NOT TO SCALE
RPM	REVOLUTIONS PER MINUTE
SST	STAINLESS STEEL
SQ. FT.	SQUARE FEET
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
VIF	VERIFY IN FIELD
V	VOLT
W	WATT

**GENERAL NOTES**

- ALL PLUMBING WORK SHALL MEET THE REQUIREMENTS OF THE 2020 NEW YORK STATE PLUMBING CODE.
- THE DRAWINGS SHOW THE GENERAL ARRANGEMENT OF ALL PIPING AND EQUIPMENT AND INDICATE REQUIRED SIZE AND POINTS OF TERMINATION OF THE PIPING AND SUGGEST PROPER ROUTES OF PIPING. HOWEVER, IT IS NOT THE INTENTION OF THE DRAWINGS TO SHOW ALL NECESSARY OFFSETS, OBSTRUCTIONS OR STRUCTURAL CONDITIONS. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO INSTALL HIS WORK IN SUCH A MANNER THAT IT WILL CONFORM TO THE STRUCTURE, AVOID OBSTRUCTIONS, AND KEEP OPENINGS CLEAR WITHOUT FURTHER CONSTRUCTION OR COST.
- THIS CONTRACTOR SHALL VISIT THE PREMISES OF HIS PROPOSED WORK AND SHALL CAREFULLY EXAMINE THE EXISTING CONDITIONS AND LIMITATIONS THEREOF. VERIFICATION SHALL BE MADE AS TO THE ACTUAL LOCATIONS WHERE PIPE RUNS WILL TIE INTO EXISTING WORK AND CLEARANCES WITH STRUCTURAL MEMBERS. THE CONTRACTOR SHALL INCLUDE ALL COSTS OF ANY KIND WHATSOEVER WHICH ARE INCURRED THROUGH LIMITATIONS OF THE EXISTING CONDITIONS.
- THE DRAWINGS ON THESE PLANS ARE DIAGRAMMATIC. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH OTHER TRADES AND STRUCTURE. NO EXTRA PAYMENTS WILL BE AUTHORIZED FOR REROUTING OR REMOVAL OF INSTALLED WORK DUE TO LACK OF COORDINATION.
- COORDINATE ALL WORK WITH AUTHORITIES HAVING JURISDICTION AND LOCAL UTILITY COMPANIES, INCLUDING BUT NOT LIMITED TO APPLICATIONS, PERMITS, FEES, APPROVALS, AND SIGN OFFS.
- FOR WATER WELL DECOMMISSIONING, CONTRACTOR TO FOLLOW GUIDELINES AND RECOMMENDATIONS FROM DEC DOCUMENT TITLED "WATER SUPPLY WELL DECOMMISSIONING RECOMMENDATIONS DIVISION OF WATER."
- FOR WATER WELL TESTING, CONTRACTOR TO FOLLOW GUIDELINES AND RECOMMENDATIONS FROM WESTCHESTER COUNTY DOCUMENT TITLED "WESTCHESTER COUNTY HEALTH DEPARTMENT RULES & REGULATIONS FOR PRIVATE WATER WELL TESTING IN WESTCHESTER COUNTY, NEW YORK."

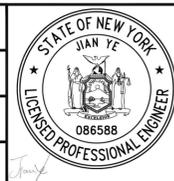
**PROPOSED WORK NOTES**

- PROVIDE SUPPORTS, RISER CLAMPS, HANGERS TO SUPPORT PIPES EQUIPMENT AND ACCESSORIES FROM THE STRUCTURE AND GROUND. CONTRACTOR SHALL PROVIDE REQUIRED SUPPLEMENTAL STEEL TO ACCOMPLISH A SAFE AND SOUND INSTALLATION.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK TO THE ENGINEERS FOR APPROVAL, PRIOR TO INSTALLATION, COMPLETE LAYOUT DRAWINGS INDICATING ALL PIPING SIZING AND ELEVATIONS.

SUBMERSIBLE WELL PUMP SCHEDULE									
PUMP #	PUMP CAPACITY (GPM)	DISCH. HEAD (FEET)	DISCH. SIZE (INCHES)	MOTOR DATA					ADDITIONAL INFORMATION
				RPM	HP	PHASE	CYCLE	VOLTS	
P-1	18	300	3/4"	1200	2	1	60	230	VFD

Michael.Cervini: 8/21/2020 1:18:54 PM

DESIGNED  
B.F.  
DRAWN  
M.C.  
CHECKED  
J.Y.  
APPROVED  
E.B.



IT IS A VIOLATION OF LAW FOR ANY PERSON TO ALTER A DOCUMENT IN ANY WAY, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT. IF THIS DOCUMENT BEARING THE SEAL OF AN ENGINEER/ARCHITECT IS ALTERED, THE ALTERING ENGINEER/ARCHITECT SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

CONFORMED				
NO.	DATE	DRWN	CHKD	APPVD
REVISIONS				



TITLE  
UPPER HARLEM PARKING IMPROVEMENTS  
AT CROTON FALLS  
PACKAGE 2 -  
SURFACE PARKING LOT  
  
PLUMBING NOTES,  
ABBREVIATIONS,  
AND LEGEND

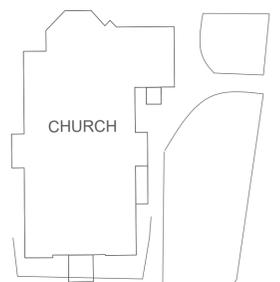
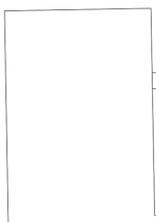
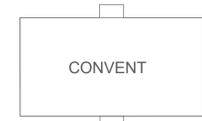
CONTRACT NO.  
142486  
SCALE  
N.T.S.  
DATE  
08-21-2020  
DRAWING NO.  
PL-001  
SHEET 84 OF 105



WET WELL PUMP HAS BEEN REMOVED. CONTRACTOR TO REMOVE REMAINING ASSOCIATED CONTROL PANEL, PIPING, AND APPURTENANCES. REMOVE ALL POWER AND CONTROL DEVICES, POWER AND CONTROL WIRING CONDUITS, ETC. WIRING SHALL BE REMOVED BACK TO PANEL (REFER TO ELECTRICAL FOR EXACT INFORMATION). PATCH ALL DISTURBED SURFACES TO MATCH EXISTING.

WET WELL TO BE INSPECTED, TESTED, AND EVALUATED AS PER WESTCHESTER COUNTY AND DEC REGULATIONS AND REQUIREMENTS.

WET WELL PUMP HAS BEEN REMOVED AND DECOMMISSIONED. CONTRACTOR TO REMOVE REMAINING ASSOCIATED CONTROL PANEL AND APPURTENANCES. REMOVE ALL POWER AND CONTROL DEVICES, POWER AND CONTROL WIRING CONDUITS, ETC. WIRING SHALL BE REMOVED BACK TO PANEL (REFER TO ELECTRICAL FOR EXACT INFORMATION). PATCH ALL DISTURBED SURFACES TO MATCH EXISTING.



CROTON FALLS ROAD (COUNTY ROAD 34)



Michael Cervini: 8/21/2020 1:20:02 PM

DESIGNED B.F.
DRAWN M.C.
CHECKED J.Y.
APPROVED E.B.



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<i>REVISIONS</i>				



TITLE  
UPPER HARLEM PARKING IMPROVEMENTS  
AT CROTON FALLS  
PACKAGE 2 -  
SURFACE PARKING LOT  
  
PLUMBING  
REMOVAL PLAN

CONTRACT NO. 142486	
SCALE 1" = 30'	DATE 08-21-2020
DRAWING NO. PL-101	
SHEET 85 OF 105	



INSTALL WET WELL PUMP (P-1), CONTROLLER, AND ALL ASSOCIATED PIPING AND APPURTENANCES. SEE DRAWING PL-501 FOR MORE INFORMATION.

REFER TO DRAWING S-100 FOR CONCRETE PAD DETAILS. CONCRETE PAD SIZE SHALL BE DETERMINED PENDING FINAL PUMP SELECTION.

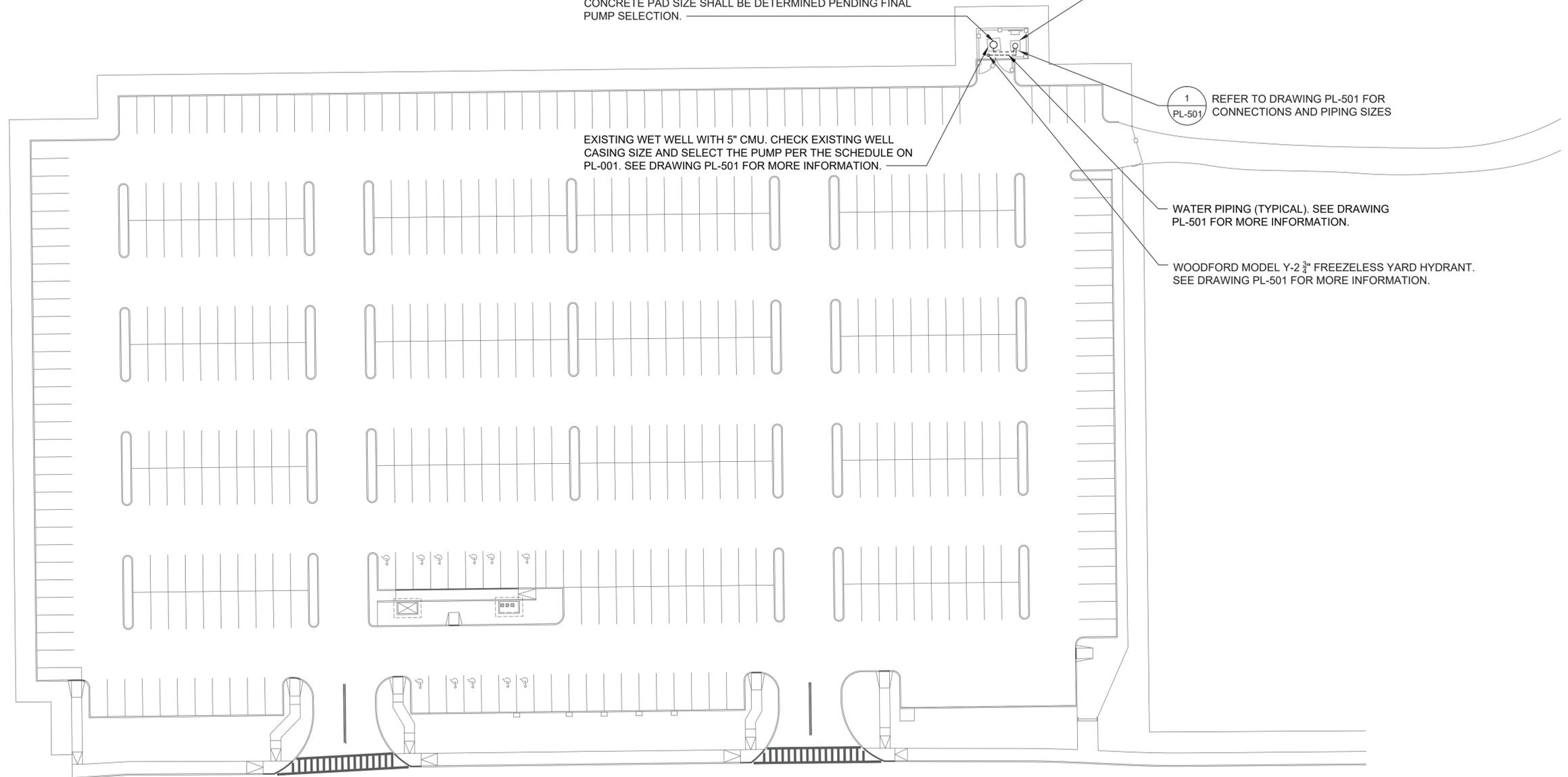
PROVIDE BLADDER TANK WITH DURAFOLD MODEL DF8FEH HOT BOX ENCLOSURE, REFER TO ELECTRICAL AND STRUCTURAL DRAWINGS.

1 REFER TO DRAWING PL-501 FOR CONNECTIONS AND PIPING SIZES

EXISTING WET WELL WITH 5" CMU. CHECK EXISTING WELL CASING SIZE AND SELECT THE PUMP PER THE SCHEDULE ON PL-001. SEE DRAWING PL-501 FOR MORE INFORMATION.

WATER PIPING (TYPICAL). SEE DRAWING PL-501 FOR MORE INFORMATION.

WOODFORD MODEL Y-2 3/4" FREEZELESS YARD HYDRANT. SEE DRAWING PL-501 FOR MORE INFORMATION.



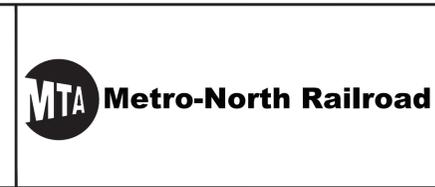
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APPROVED E.B.



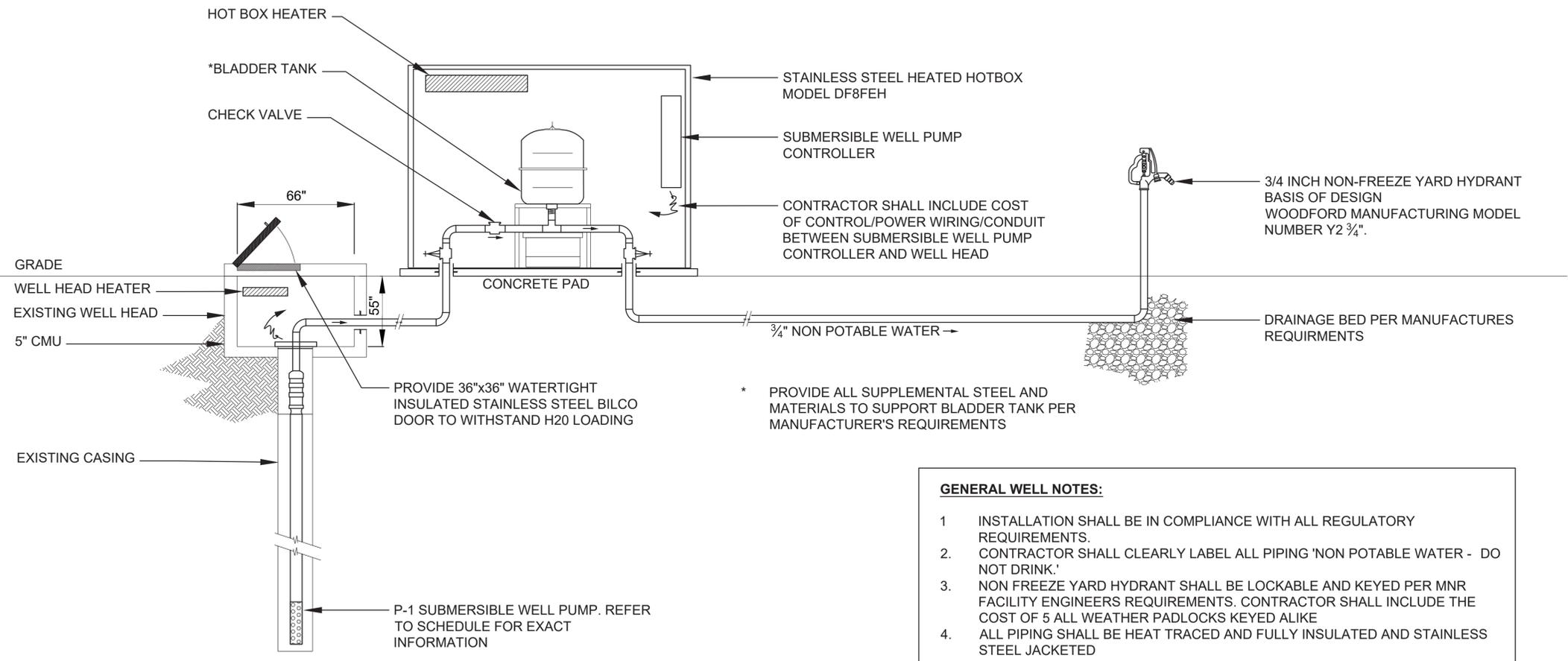
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REVISIONS				



TITLE  
UPPER HARLEM PARKING IMPROVEMENTS  
AT CROTON FALLS  
PACKAGE 2 -  
SURFACE PARKING LOT  
PLUMBING PROPOSED PLAN

CONTRACT NO. 142486	
SCALE 1" = 30'	DATE 08-21-2020
DRAWING NO. PL-201	
SHEET 86 OF 105	



- GENERAL WELL NOTES:**
1. INSTALLATION SHALL BE IN COMPLIANCE WITH ALL REGULATORY REQUIREMENTS.
  2. CONTRACTOR SHALL CLEARLY LABEL ALL PIPING 'NON POTABLE WATER - DO NOT DRINK.'
  3. NON FREEZE YARD HYDRANT SHALL BE LOCKABLE AND KEYED PER MNR FACILITY ENGINEERS REQUIREMENTS. CONTRACTOR SHALL INCLUDE THE COST OF 5 ALL WEATHER PADLOCKS KEYED ALIKE
  4. ALL PIPING SHALL BE HEAT TRACED AND FULLY INSULATED AND STAINLESS STEEL JACKETED

1 WATER RISER DIAGRAM  
P-501 NTS

Michael Cervini 8/21/2020 1:49:48 PM

DESIGNED B.F.	
DRAWN M.C.	
CHECKED J.Y.	
APPROVED E.B.	

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UPPER HARLEM PARKING IMPROVEMENTS  
AT CROTON FALLS  
PACKAGE 2 -  
SURFACE PARKING LOT

PLUMBING  
DETAILS

CONTRACT NO. 142486	
SCALE N.T.S.	DATE 08-21-2020
DRAWING NO. PL-501	
SHEET 87 OF 105	