

CITY OF PORTSMOUTH
Department of Public Works
RFP #17-15
DESIGN ENGINEERING SERVICES
GREENLAND WELL REPLACEMENT AND DESIGN
Addendum #1

October 6, 2014

This Addendum forms part of the original document marked **RFP #17-15 DESIGN ENGINEERING SERVICES, GREENLAND WELL REPLACEMENT AND DESIGN**

The following information answers questions directed to the City following the Pre-Proposal meeting for RFP#17-15:

Q: Does the City have a well construction diagram for the existing Greenland well that can be provided?

A: Well information is available as part of this addendum – see attached.

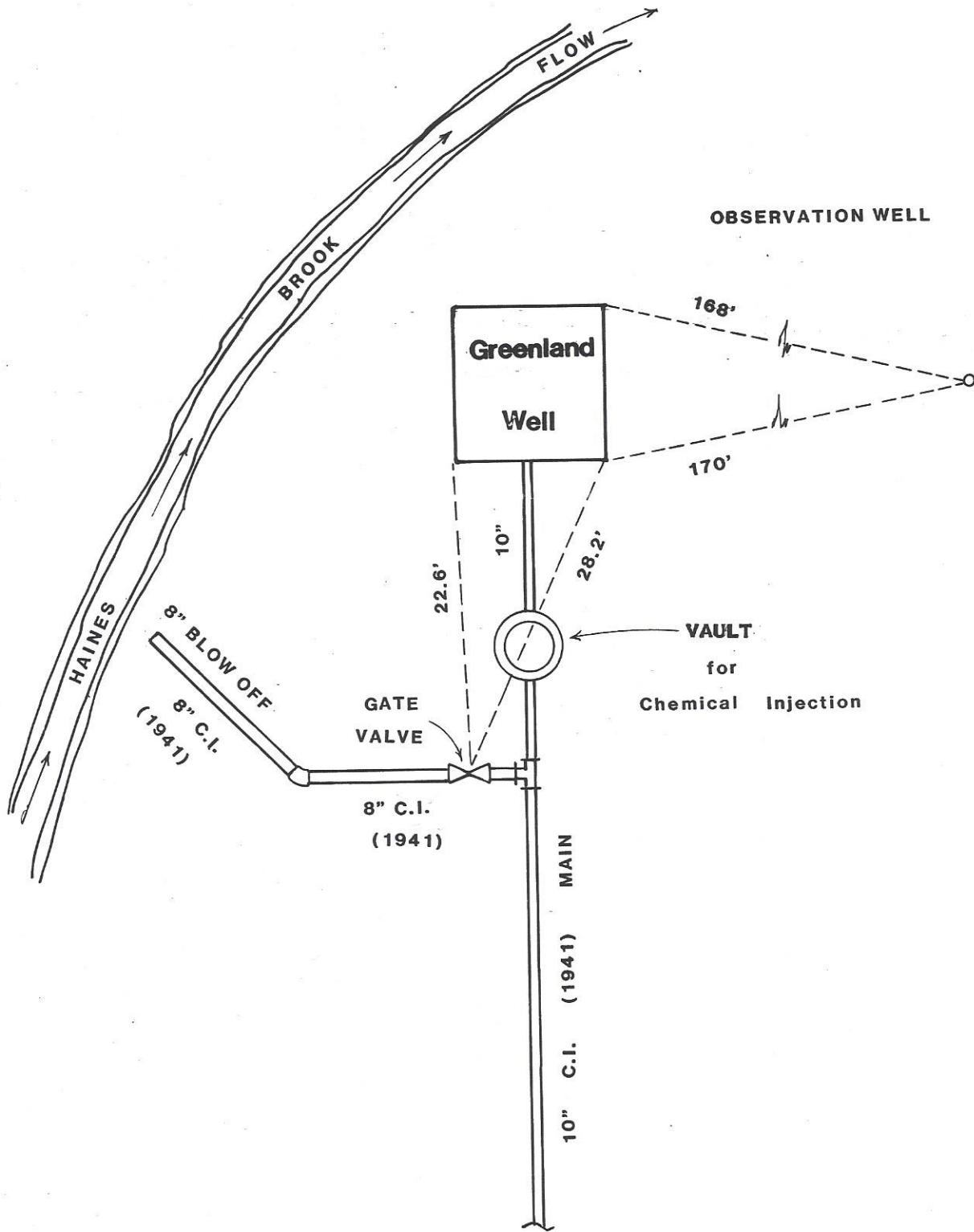
Q: Does the 24” diameter well describe in the request for proposal refer to the initial casing boring diameter or the final well diameter? (24” x 16”) or (36” x 24”)

A: It is our understanding the original well was 36” x 24” (drilled in 1949) and that a 24” x 16” was inserted into that well in 1966.

The Mandatory Pre-Proposal sign in sheet is attached.

Please acknowledge this addendum within your proposal, failure to do so may subject a bidder to disqualification.

END OF ADDENDUM #1



APPROVED:	PORTSMOUTH WATER WORKS GREENLAND WELL	REV. DATE	STD. NO.
ENGINEERING			

CITY OF PORTSMOUTH, N. H.

WATER DEPARTMENT

WELL DATA

WELL

NAME GREENLAND WELL # 5

LOCATION OFF POST RD. GREENLAND, (RT. 151)

DATE INSTALLED 1949

DEPTH 60'-2" DIAMETER 24"X16" PUMPSETTING DEPTH 54'-6"

STATIC LEVEL 40' DRAWDOWN 6'-0" RECOVERY TIME _____

CAPACITY 500 GPM + CASING MATERIAL _____

SCREEN MATERIAL _____ GRAVEL PACKED? _____

LENGTH OF SCREEN 10'X24"Ø WITH 16" LINER TOP OF SCREEN 50' DP.

PUMP

TYPE LAYNE OF N. Y. MODEL 10" RKEH 4 STAGE

DATE INSTALLED 1966 DATE OF MFG. _____

INSTALLED BY LAYNE N. E. DAVE ERICKSON

SERIAL NO. _____

RATED CAPACITY _____ @ 1760 R.P.M.

DRIVE

TYPE U.S. MOTOR MODEL _____

DATE INSTALLED 1966 DATE OF MFG. _____

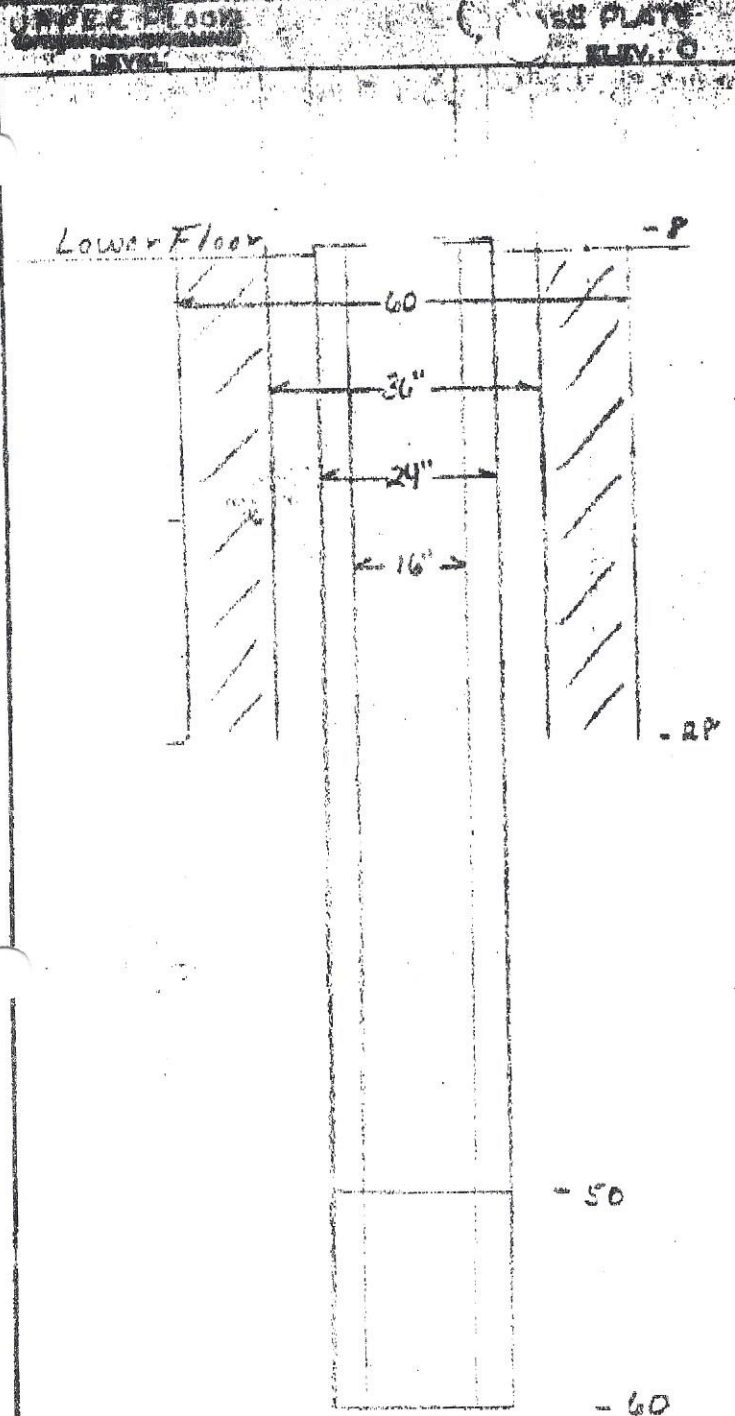
INSTALLED BY _____

ELECTRICAL REQUIREMENTS 440 VAC - 3Ø - 60 HTZ

SERIAL NO. 213751

H.P. RATING 40 R.P.M. RATING 1800

REMARKS _____



SERIAL ORIGINAL

40 x 16" Steel - LINER

SCREEN: ORIGINAL: 10' x 24"
 LINER 10' x 16" Stainless Steel
 LAYNE - #8 Opening.

PLUG:
 GRAVEL: LINER: #2 CAPE MAY
 SEAL: STAINLESS STEEL BOTTOM PLATE

PUMP

SIZE 12" NUMBER NONE
 STAGES 4 TYPE POMONA
 SETTING 54' 6" SF COLUMN 8"
 TUBING - SHAPING 3 1/2"
 BOWLS CI IMPELLERS BRONZE
 IMP. SHAFT SS SUCTION NONE
 STRAINER NONE PRESS. B.P.
 HEAD 8" x 8" AIR LINE 53'

MOTOR

MAKE US TYPE CFU
 VOLTS 220/440 CYCLE 60
 PHASE 3 AMP. 98/49
 H. P. 40 RPM 1760
 FRAME 932 NON REV. YES
 MODEL UNS. SERIAL NO. 213751

UPPER BRG. LOWER BRG.

GEAR DRIVE

MFG. AMATELLO MODEL 52HP
 RATIO 21:1 SERIAL NO. 1328
 HVY. THRUST NO NON-REV. YES

ENGINE

MFG. MODEL
 RPM CONTINUOUS H. P.
 FUEL SERIAL NO.

WELL

STARTED 1949? CLEAR DEPTH 60' B.P.
 FIRST TEST METHOD PULL DOWN
 FINAL TEST GUAR. CAP.
 ACCEPTED GUAR. PRESS.
 S. P. ELEV. * * FORMATION
 DIST. TO G.W. * * DRILLER

DATE	6/17/66	6/26/67		
STATIC LEV.	40'	38'		
PRODUCTION	420	420		
PUMP. LEVEL	46'	47'		
WATER TEMP.	-	-		

LOCATION SKETCH

LINER INSTALLED JUNE 1967
 ACCEPTED 6/27/67

LAYNE-NEW YORK CO., INC. - LINDEN, N. J.
 WATER SUPPLY CONTRACTORS

DRAWN BY LAYNE WELL # NEW STATE # * CUSTOMER WELL # GREENLAND

