Suffern Park

SITE LOCATION MAP

SCALE: 1" = 30'

MANUFACTURED BY WATTS MODEL NO. 4" DOMESTIC SERVICE FROM STREET 4" DOMESTIC SERVICE TO BUILDING

MODEL NO. 1000S-ALC21-77 HOTBOX IS VALVES AS MANUFACTURED BY WATTS COMPLETELY REMOVABLE FLOW 4" PRESSURE REDUCING VALVE AS 4" NEPTUNE TRU/FLO COMPOUND WATER
— METER FROM SUEZ WATER WITH REMOTE READER AND PLATE STRAINER SLAB MOUNTED HEATING SYSTEM AS - MANUFRACTURED BY SAFE-T-COVER MODEL NO. HCH2000-120 SEE DRAWING C-201 FOR PAD ELEVATION - FINISHED GRADE (9.083'L X 7.83'W X 6"H) - 2" PIPE STANDS (AS REQUIRED)

4" LEAD FREE REDUCED PRESSURE

HINGE DRAIN OPENING

- (6 ½" X 38 ½") WITH RODENT SCREEN
(DISCHARGES TO NON-PEDESTRIAN AREA)

_ 8" FIRE SERVICE

CONNECTED TO CENTRAL

— ALARM SYSTEM.(REFER TO

OR MEP ENGINEER FOR

4" NEPTUNE TRU/FLO COMPOUND WATER
- METER FROM SUEZ WATER WITH REMOTE

SEE DRAWING - C—201 FOR PAD ELEVATION

8" FIRE SERVICE

FROM STREET

CONCRETE PAD

SLAB MOUNTED HEATING SYSTEM AS - MANUFACTURED BY SAFE-T-COVER

MODEL NO. HCH2000-120

(9.083'L X 7.83'W X 6"H)

OWNER'S REPRESENTATIVE

SPECIFICATIONS/REQUIREMENTS)

PRINCIPLE ASSEMBLY WITH OS&Y

ALUMINUM HOT BOX ENCLOSURE AS

MANUFACTURED BY SAFE-T-COVER

CROSS SECTION A (4" DOMESTIC)

SCALE: 1"=2'

8" FIRE SERVICE
TO BUILDING

4" DOMESTIC

CLEARANCE

HINGED SIDES)

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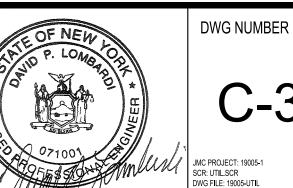
DESCRIPTION DATE ISSUED FOR DOB SUBMISSION 09.10.21 2 ISSUED FOR BID 10.15.21 /3\ REVISED FOR SUEZ SUBMISSION 10.29.21 02.25.22 4 REVISED BID/PERMIT SET

DRAWN BY: JPM/JAR CHECKED BY APPROVED BY DATE: 09.10.2021 AS SHOWN SCALE:

DRAWING TITLE

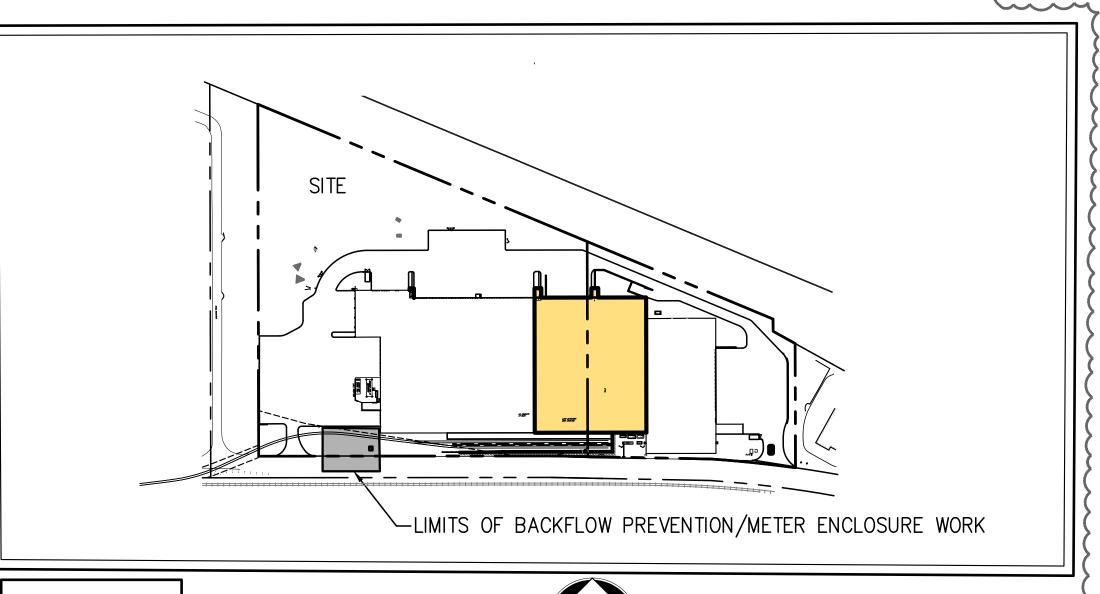
ISSUE:

BACKFLOW PREVENTION PLAN



C-306

- 1. BACKFLOW PREVENTION DEVICES SHALL BE TESTED UPON INSTALLATION, ANNUALLY AND AFTER REPAIR OR BEING REBUILT BY A NEW YORK STATE CERTIFIED TESTER.
- 2. CONTRACTOR SHALL PURCHASE NEW WATER METER FROM SUEZ WATER WEST NYACK NEW YORK INC.
- 3. THE BACKFLOW PREVENTION DEVICE SHALL BE REBUILT EVERY FIVE YEARS IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS.
- 4. INSTALLATION OF BACKFLOW PREVENTION DEVICES SHALL MEET SUEZ WATER WEST NYACK NEW YORK INC., ROCKLAND COUNTY DEPARTMENT OF HEALTH AND THE NEW YORK STATE DEPT. OF HEALTH REQUIREMENTS.
- 5. THE NEW YORK STATE EDUCATION LAW PERTAINING TO PROFESSIONAL ENGINEERS AND LAND SURVEYORS, ARTICLE 145ff, SECTION 7200 REQUIRES THAT A PROJECT INVOLVING THE SAFEGUARD OF LIFE, HEALTH AND PROPERTY MUST BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER (P.E.) OF THE STATE OF NEW YORK. THE DESIGN OF THE BACKFLOW PREVENTION DÉVICÉ INSTALLATIONS IS SUCH A PROJECT, THERE IS AN EXCEPTION TO THE REQUIREMENTS FOR DESIGN: AN ARCHITECT LICENSED IN THIS STATE MAY DESIGN THE INSTALLATION. THE INSTALLATION OF THE DEVICE MUST BE MADE BY A LICENSED PLUMBER. IT IS THE RESPONSIBILITY OF THE CUSTOMER TO OBTAIN ALL NECESSARY PLUMBING PERMITS.
- 6. THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR CHECKING THE INSTALLATION OF THE BACKFLOW PREVENTION DEVICE AND CERTIFY THAT THE DEVICE INSTALLATION CONFORMS TO THE APPROVED PLANS BY SUBMITTING THE D.O.H. FORM 1013.
- 7. ANY UNAUTHORIZED ALTERATION OR ADDITION TO A MAP BEARING THE SEAL OF A PROFESSIONAL ENGINEER OR A LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PER SECTION 7209, SUB-DIVISION 2.
- 8. ALL WATER SERVICES PIPES SHALL BE DUCTILE IRON CLASS 52 INSTALLED IN ACCORDANCE WITH AWWA C-600.
- 9. ALL WORK SHALL BE IN ACCORDANCE WITH THE VILLAGE OF MONTEBELLO STANDARDS AND REQUIREMENTS. THIS SHALL INCLUDE BUT NOT BE LIMITED TO RETAINING A LICENSED PLUMBER TO PERFORM ALL WORK WITHIN THE BUILDING WALLS, WHICH SHALL BEGIN AT FIVE FEET FROM THE POINT OF ENTRY.
- 10. ALL DISCHARGE PIPING SHALL BE SIZED ADEQUATELY FOR CATASTROPHIC FAILURE.
- 11. THE HOT BOX SHALL BE ILLUMINATED SUFFICIENTLY WITH FLUORESCENT BULBS TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 50° F, AND SHALL BE KEPT NEAT SO AS TO PROVIDE A CONVENIENT ACCESS TO DEVICES.



ANY ALTERATION OF PLANS. SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW EXCEPT AS PROVIDED FOR BY

SECTION 7209, SUBSECTION 2

KEY MAP SCALE: 1" = 250'

REFER TO DRAWINGS C-001 THROUGH C-006 FOR ALL CIVIL ENGINEERING/SITE DEVELOPMENT NOTES AND SPECIFICATIONS PÉRTAINING TO THIS PROJECT.

MODEL NO. HCH2000-120

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ALUMINUM HOT BOX ENCLOSURE AS MANUFACTURED BY SAFE-T-COVER MODEL NO. 1000S-ALC21-77 HOTBOX IS COMPLETELY REMOVABLE 4" PRESSURE REDUCING VAVLE AS MANUFACTURED BY -WATTS MODEL NO. LFF127W

8" DOUBLE CHECK DETECTOR ASSEMBLY AS MANUFACTURED BY WATTS MODEL NO. -

LF757NDCDA WITH 2-OS&Y GATE VALVES.

SLAB MOUNTED HEATING SYSTEM AS MANUFRACTURED BY SAFE-T-COVER -

> 4" DOMESTIC SERVICE FROM -4" LEAD FREE REDUCED PRESSURE PRINCIPLE ASSEMBLY

WITH OS&Y VALVES AS -

MANUFACTURED BY WATTS MODEL

PLAN VIEW / ENLARGEMENT SCALE: 1"=2'

ALUMINUM HOT BOX ENCLOSURE AS MANUFACTURED BY SAFE-T-COVER MODEL NO. 1000S-ALC21-77 HOTBOX IS COMPLETELY REMOVABLE 8" REDUCED PRESSURE PRINCIPLE ASSEMBLY WITH OS&Y VALVES AS MANUFACTURED BY WATTS MODEL NO. FLOW

-8" OS&Y VALVE 40"

8" FIRE SERVICE to building

CROSS SECTION B (8" FIRE)