

Stoneybrooke Village MHP
PWS 7802912
community water system

2870 lewis seifert road
hubbard, ohio 44425

LC 201- office sink - 2870 lewis seifert road -hubbard, ohio 44425
LC 202- 8 brookeside - kitchen sink
LC 203- 91 stoneybrooke - kitchen sink
LC 204- 109 stoneybrooke - kitchen sink
LC 205- 3 brookeside - kitchen sink sink

water room updated February 2017. plastic pipe (pvc) used in water room
well #1- 20 feet south of office building - service line plastic
well #2- 275 feet north of office building - service line plastic

well water lines enter on the south side of office into a small water room (12 x 25 feet) after entering the water room they join and then go to a 5 micro filter. after the filter, the water goes to softeners and then sodium hypochlorite is injected into the water. sodium hypochlorite has two pumps, each pump is controlled by the control panel for the well pumps. each pump operates in conjunction with a single well.

after the water chlorinated, the water goes to four new 2500 gallons water tanks in the new addition on the back of the office (24 X 60 feet). the four tanks are for contact time. water is drawn from the tanks by two new two high pressure high volume 10 hp pumps. pumps are manually switched for operation each week by hand.

each pump operates from 40 to 60 psi. there are 12 new 40 gallon bladder tanks after the the 10 hp pumps.

the water is then delivered to mobile home park by underground water line. combination of 3 inch cast iron, (for fire hydrates) copper flair service line for each mobile home and either galvanized service riser or plastic.



HESS & ASSOCIATES ENGINEERING, INC.
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 MAR 28 2017
 OHIO EXAMINED

STONEYBROOK VILLAGE MOBILE HOME PARK, LLC WATER SYSTEM IMPROVEMENTS

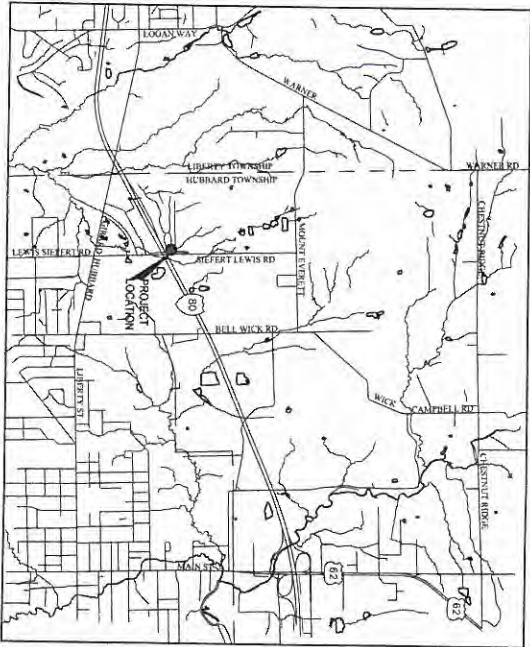
PWS OH 7802912

PROJECT LOCATION:
 2870 SAFERT-LEWIS ROAD, HUBBARD, OHIO
 HUBBARD TOWNSHIP, TRUMBULL COUNTY

Prepared For:
 Stoneybrook Village MHP
 2870 Safert-Lewis Road
 Hubbard, Ohio 44429



Prepared By:
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LOCATION MAP
 Not To Scale

INDEX OF SHEETS	
SHEET	DESCRIPTION
E1	TITLE SHEET
E2	SITE LAYOUT
E3	FLOOR PLAN
E3	SCHEMATIC LAYOUT

GENERAL SITE INFORMATION
 OHIO PUBLIC WATER SYSTEM (PWS) ID #OH7802912
 SITE LOCATION: W80°38'27" (from Google Earth)

Stoneybrook Village Mobile Home Park, LLC
 Signature _____ Date _____

HESS & ASSOCIATES ENGINEERING, INC.
 PROFESSIONAL ENGINEER
 T. HESS, P.E.
 7/21/15



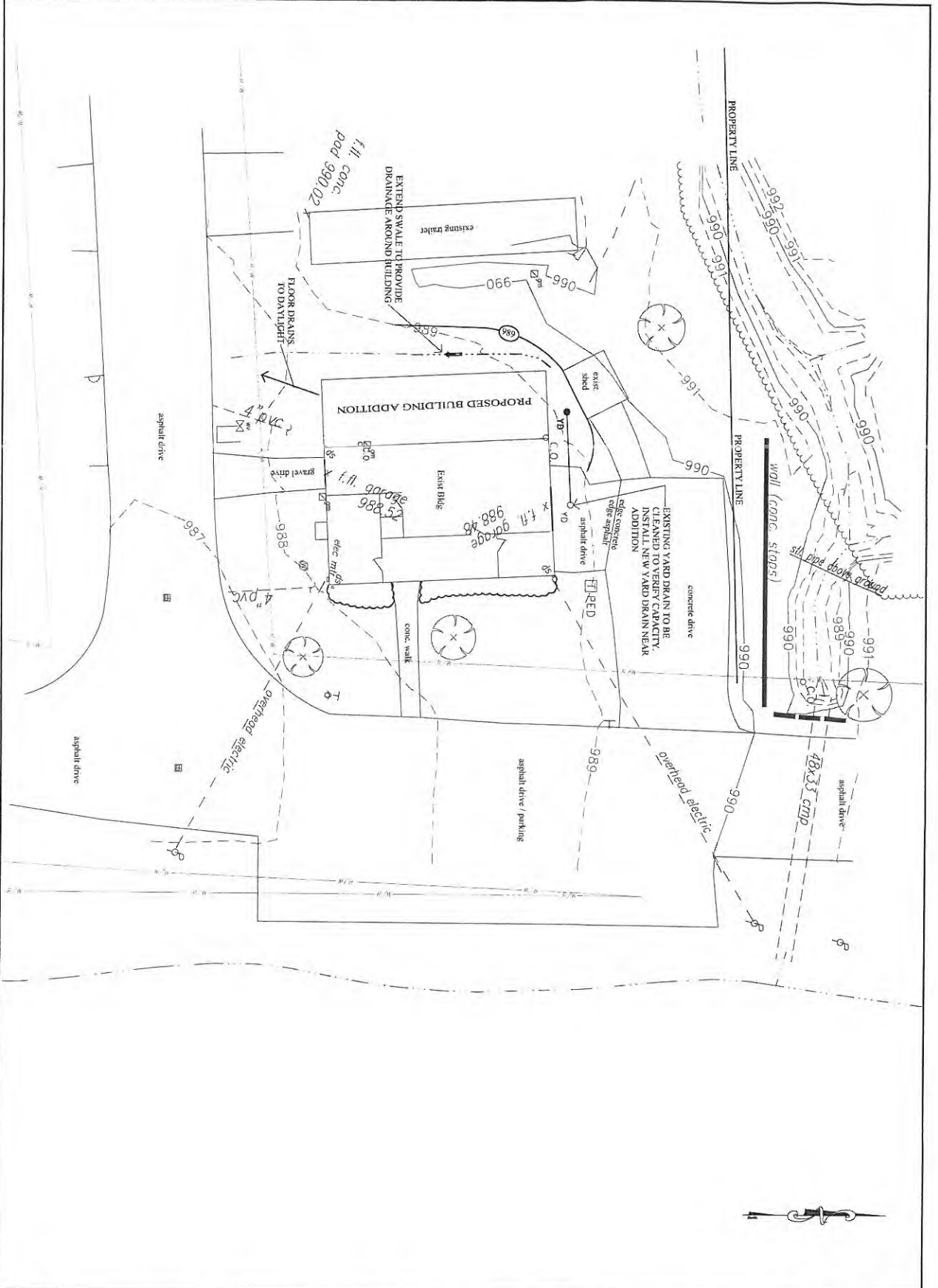
Revision	Date	Final Description

Printed: July 9, 2015
 HAE #14-077 (Stoneybrook MHP)



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STONEBROOK VILLAGE MOBILE HOME PARK, INC.
 2870 SEIFERT LEWIS ROAD, HUBBARD, OHIO 44425
 Telephone: 0
 Fax: 0
 Contact Person:

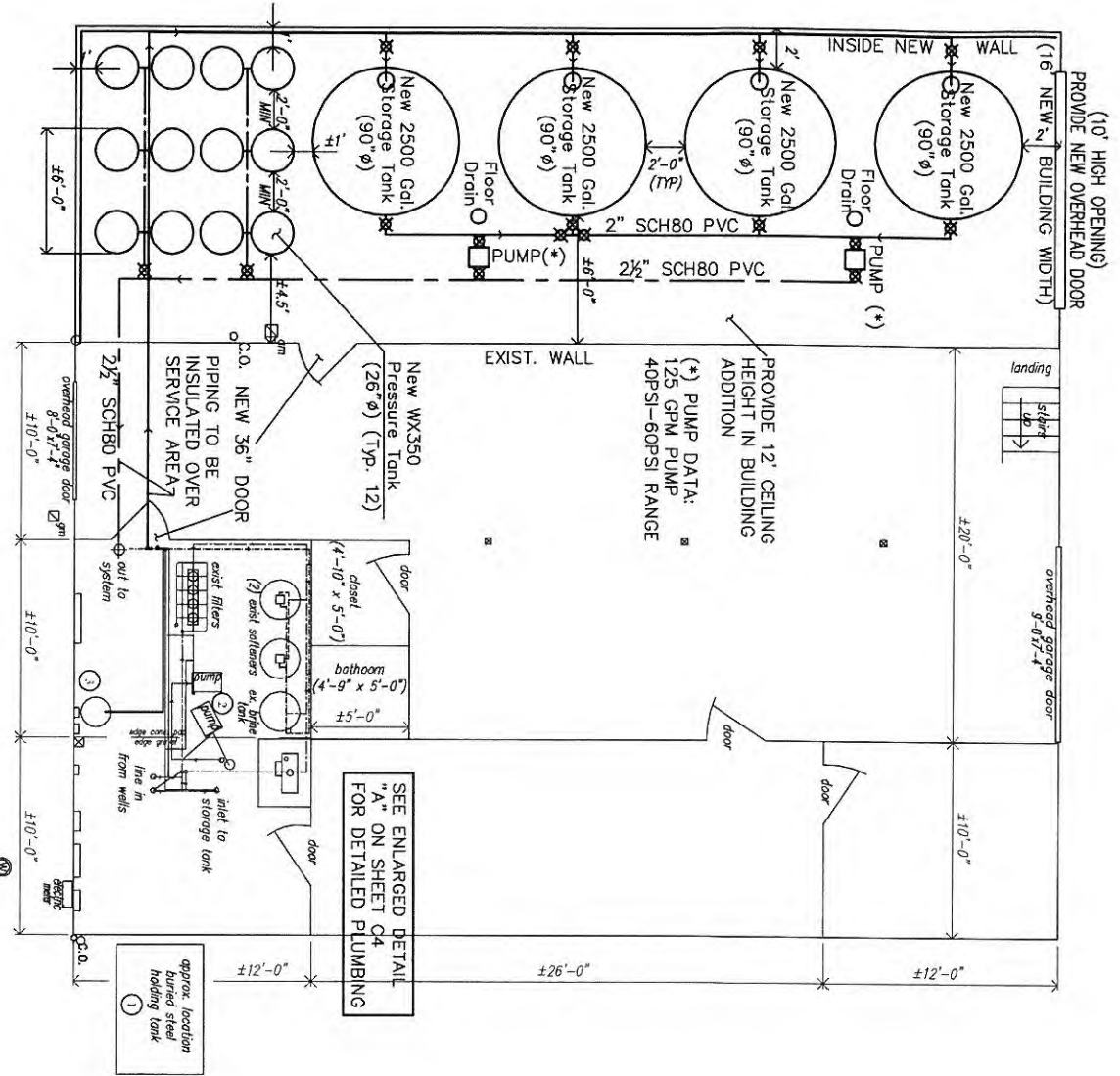
STONEBROOK VILLAGE MOBILE HOME PARK, INC.
WATER SYSTEM IMPROVEMENTS
SITE LAYOUT
 (PWS ID #OH7802912)

SITUATED
 2870 SEIFERT LEWIS ROAD, HUBBARD, OHIO
 TRUMBULL COUNTY

OHIO
Public Protection
Utilities
 (800) 342-2764

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- NOTES:**
- 1 EXISTING BURIED TANK TO BE ABANDONED
 - 2 EXISTING PUMPS TO BE REMOVED PIPING TO BE REVISED SO THAT THE WELL LINES CONNECT DIRECTLY TO FILTERS
 - 3 EXISTING CHLORINE FEED EQUIPMENT SHALL BE RE-USED CHLORINE TO BE FEED PRIOR TO STORAGE
 - 4 ALL PIPING TO BE SCH80 PVC

STORAGE:

(4) 2,500 GALLON POLYETHYLENE STORAGE TANKS NORWESCO OR FOVAL

TOTAL STORAGE: 10,000 GALLONS

STORAGE TANKS TO BE PROVIDED WITH A DRAIN, STRENGTHEN VENT, OVERTLOW PIPE AND ACCESS MANHOLE

LIQUID SERVICE PUMPS:

(2) GRONDFOS HIGH PRESSURE PUMPS WILL WORK ON THE PRESSURE TANKS PRESSURE SENSORS WILL SEND A SIGNAL TO PUMP MODEL TR02.2.2

PUMPS SHALL BE 125GPM, 7.5HP

DESIGN DATA PER 1-31-2000 EPA APPROVAL:

ADP: 18,000 GPD
 TDP: 25,000 GPD
 PEAK FLOW: 125 GPM

SEE ENLARGED DETAIL "A" ON SHEET C4 FOR DETAILED PLUMBING

approx. location buried steel holding tank



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REVISIONS:

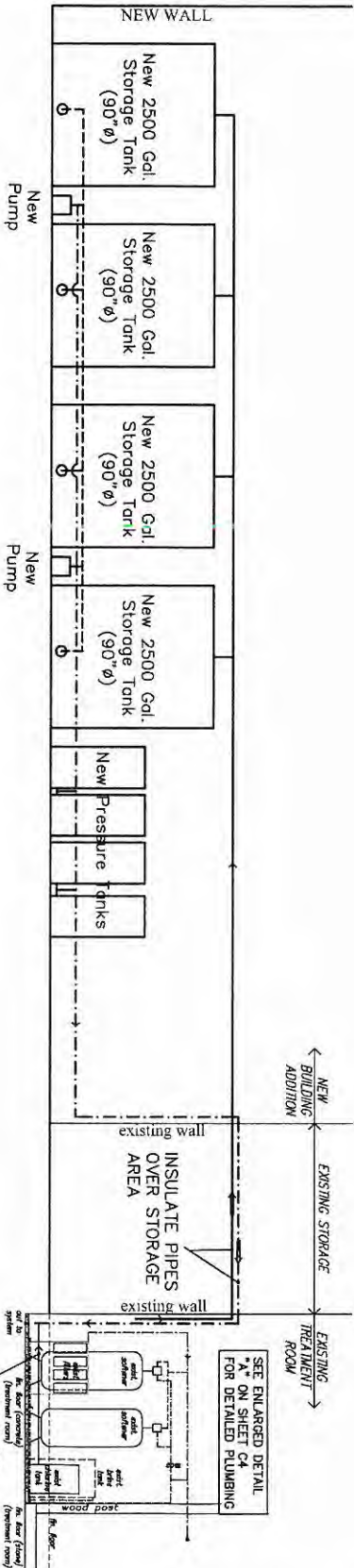
CHIEF ENGINEER
 (Signature)
 (440) 663-7964

STONEBROOK VILLAGE MOBILE HOME PARK, INC
WATER SYSTEM IMPROVEMENTS
FLOOR PLAN
 (PWS ID #OH7802912)

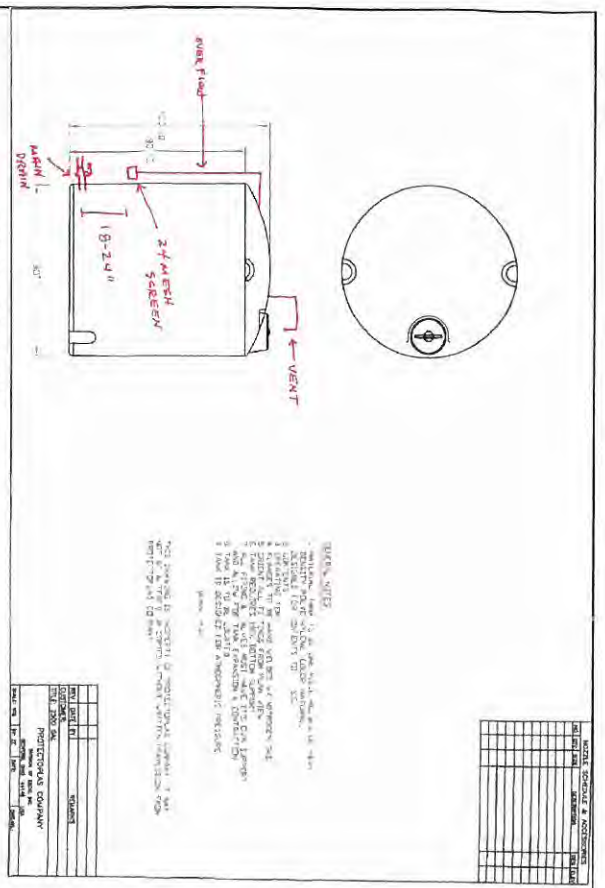
Stoneybrook Village MHP
 2870 Seifer-Lewis Road
 Hubbard, Ohio 44425
 Telephone: (0)
 Fax: (0)
 Contact Person

THE ENGINEERING CENTER

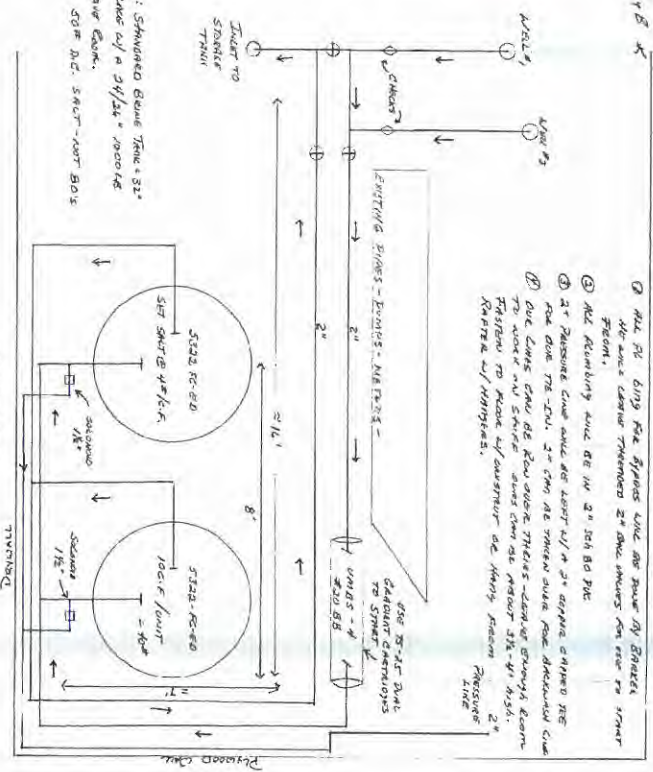
DESIGNED BY	EC
DRAWN BY	EC
CHECKED BY	EC
DATE	02/23/15
SCALE	AS SHOWN
APP. V.	



STORAGE TANK DETAIL



EXISTING PIPE ENLARGED DETAIL "A"



Note: Sawtooth Beam Tank is 31' 2\"/>

- 1) All 2\"/>
- 2) All existing tank is in 2\"/>
- 3) 2\"/>
- 4) Due to the fact that the flow direction is from the existing tanks to the new tanks, the flow direction is from the existing tanks to the new tanks.

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STONEYBROOK VILLAGE MOBILE HOME PARK, INC.
WATER SYSTEM IMPROVEMENTS
PIPING SCHEMATIC
(PWS ID #OH7802912)

REVISIONS

NO.	DATE	DESCRIPTION

DESIGNED BY: [Signature]
DRAWN BY: [Signature]
CHECKED BY: [Signature]
SCALE: 1/8" = 1'-0"

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