

ZONING COMMISSION
Town of New Fairfield
203-312-5646 Fax 203-312-3508

SPECIAL PERMIT APPLICATION

Application Number _____

Map: _____ Block: _____ Lot: _____

Please type or print:

Date: 12/23/2020

Applicant: CANDLEWOOD KNOLLS TAX DISTRICT

Mailing Address: 21 NORTH BEACH DRIVE, NEW FAIRFIELD CT. 06812

Project Address: 1 CAMP ARDEN ROAD

Phone No: 203-746-4807

Owner (s) of Record: CANDLEWOOD KNOLLS TAX DISTRICT

Address: 21 NORTH BEACH DRIVE, NEW FAIRFIELD CT. 06812

Phone No: 203-746-4807

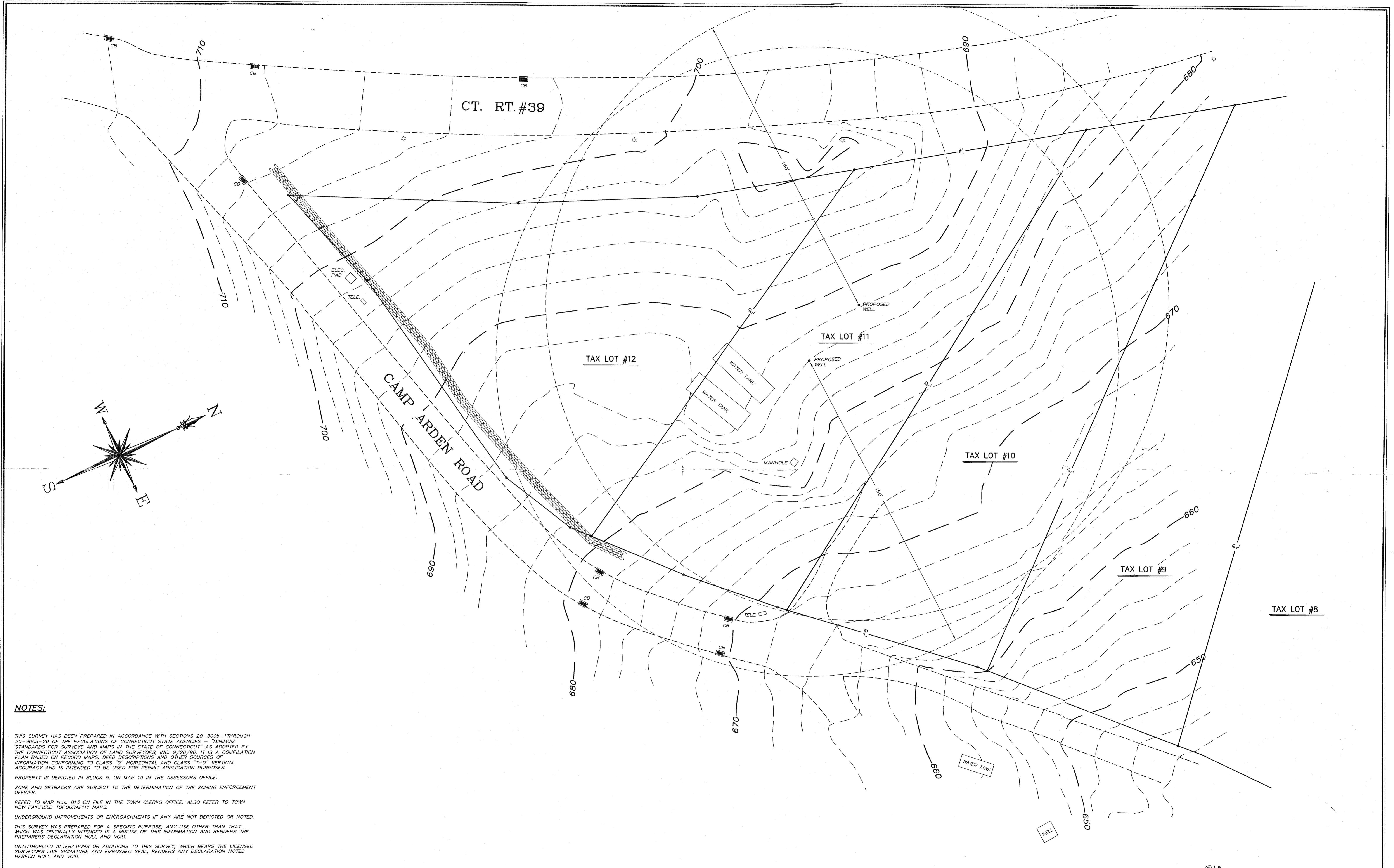
Application is hereby made for Special Permit per section 8.2 pursuant to the following section (s) of the Zoning Regulations:

For the following purpose: DIRECT REPLACEMENT OF THE TWO 20,000 GAL. WATER TANKS THAT SUPPLY DRINKING WATER TO 140 RESIDENTS OF THE CK COMMUNITY. UTILIZING THE SAME FOOTPRINT AND LOCATION. NO ADDITIONAL AREA.

In compliance with the requirements of the Zoning Regulations, I am hereby submitting the fee, plans, documents and additional information as required.

(X) Fee of \$460.00* as specified in Section 10.1.2C (\$200.00 application, \$60.00 State Surcharge and \$200.00 Two Legal Notice for Public Hearing and Results of Application Advertised in News Paper).

(X) Letter of authorization from property owner stating an agent may apply for permit. Signature on letter must be original not copied, facsimile or e-mail.



NOTES:

THIS SURVEY HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300b-1 THROUGH 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. 9/26/96. IT IS A COMPILATION PLAN BASED ON RECORD MAPS, DEED DESCRIPTIONS AND OTHER SOURCES OF INFORMATION CONFORMING TO CLASS "D" HORIZONTAL AND CLASS "T-D" VERTICAL ACCURACY AND IS INTENDED TO BE USED FOR PERMIT APPLICATION PURPOSES.

PROPERTY IS DEPICTED IN BLOCK 5, ON MAP 19 IN THE ASSESSORS OFFICE.

ZONE AND SETBACKS ARE SUBJECT TO THE DETERMINATION OF THE ZONING ENFORCEMENT OFFICER.

REFER TO MAP No. 813 ON FILE IN THE TOWN CLERKS OFFICE. ALSO REFER TO TOWN NEW FAIRFIELD TOPOGRAPHY MAPS.

UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS IF ANY ARE NOT DEPICTED OR NOTED.

THIS SURVEY WAS PREPARED FOR A SPECIFIC PURPOSE, ANY USE OTHER THAN THAT WHICH WAS ORIGINALLY INTENDED IS A MISUSE OF THIS INFORMATION AND RENDERS THE PREPARERS DECLARATION NULL AND VOID.

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS SURVEY, WHICH BEARS THE LICENSED SURVEYORS LIVE SIGNATURE AND EMBOSSED SEAL, RENDERS ANY DECLARATION NOTED HEREON NULL AND VOID.

BRAUTIGAM LAND SURVEYORS, P.C.

25 Church Hill Road
 Newtown, Connecticut 06470
 Telephone (203) 270-7810
 Facsimile (203) 270-8392
 E-mail Survey1@BrautigamLand.com

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS SURVEY AND MAP ARE "SUBSTANTIALLY CORRECT" AS NOTED HEREON.

Paul A. Brautigam
 PAUL A. BRAUTIGAM CT. LIC. No. 75166
 NY. LIC. No. L050176

THE SURVEY DEPICTED HEREON IS NULL AND VOID WITHOUT THE LICENSED SURVEYORS LIVE SIGNATURE AND EMBOSSED SEAL.

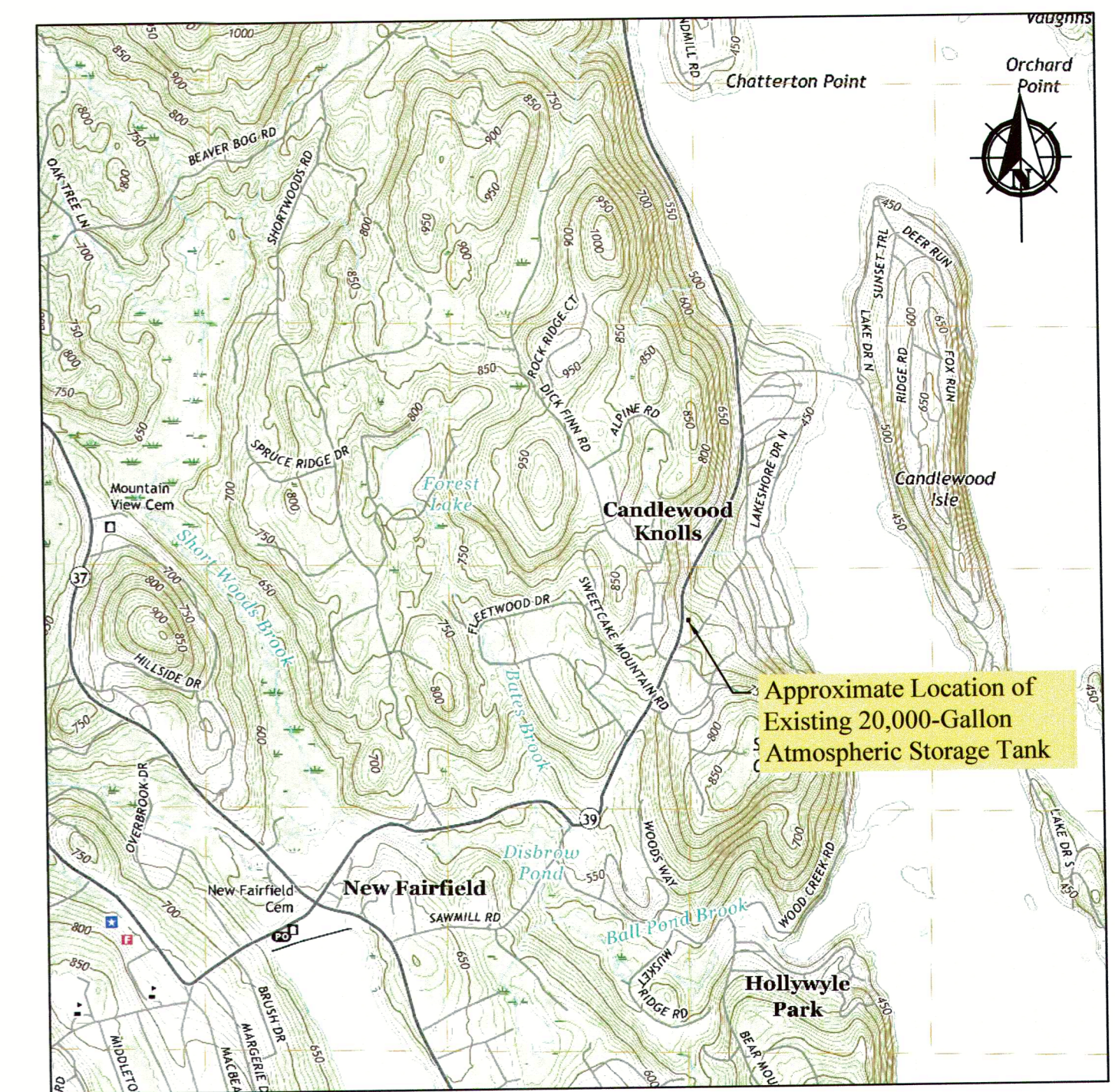
JOB No. 5407001.01 SCALE: 1" = 20'

FIELD NOTES: 141-72 DATE: 7/27/07 DRAWN BY: LPC CHECKED BY: PAB

No. DATE REVISIONS

20 0 20 40 60
 5407001-01 ILS

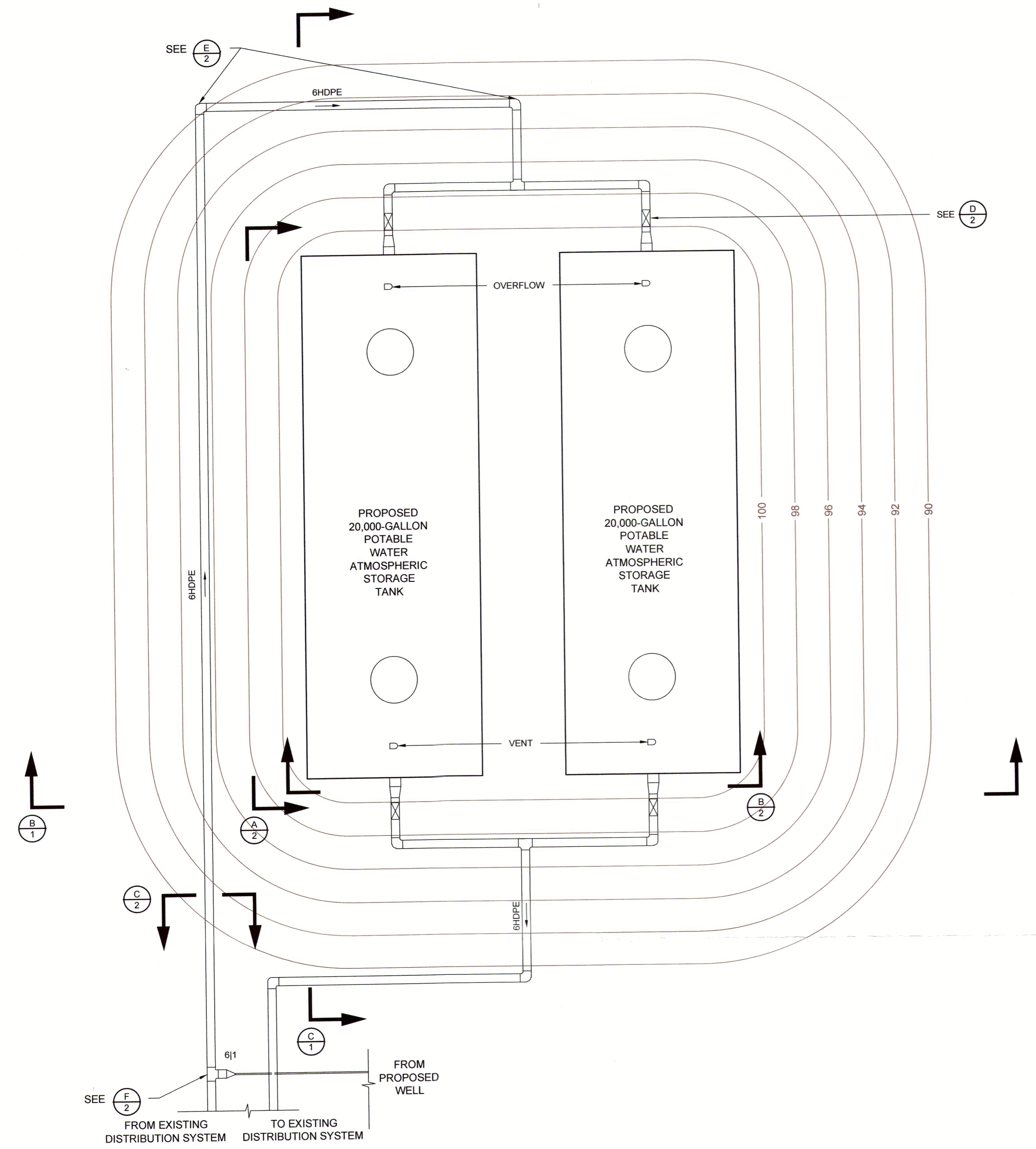
COMPILATION PLAN
 PREPARED FOR
CANDLEWOOD KNOLLS WATER AUTHORITY
 CAMP ARDEN ROAD
 NEW FAIRFIELD, CONNECTICUT



SITE LOCATION MAP
SCALE: 1" = 2000'

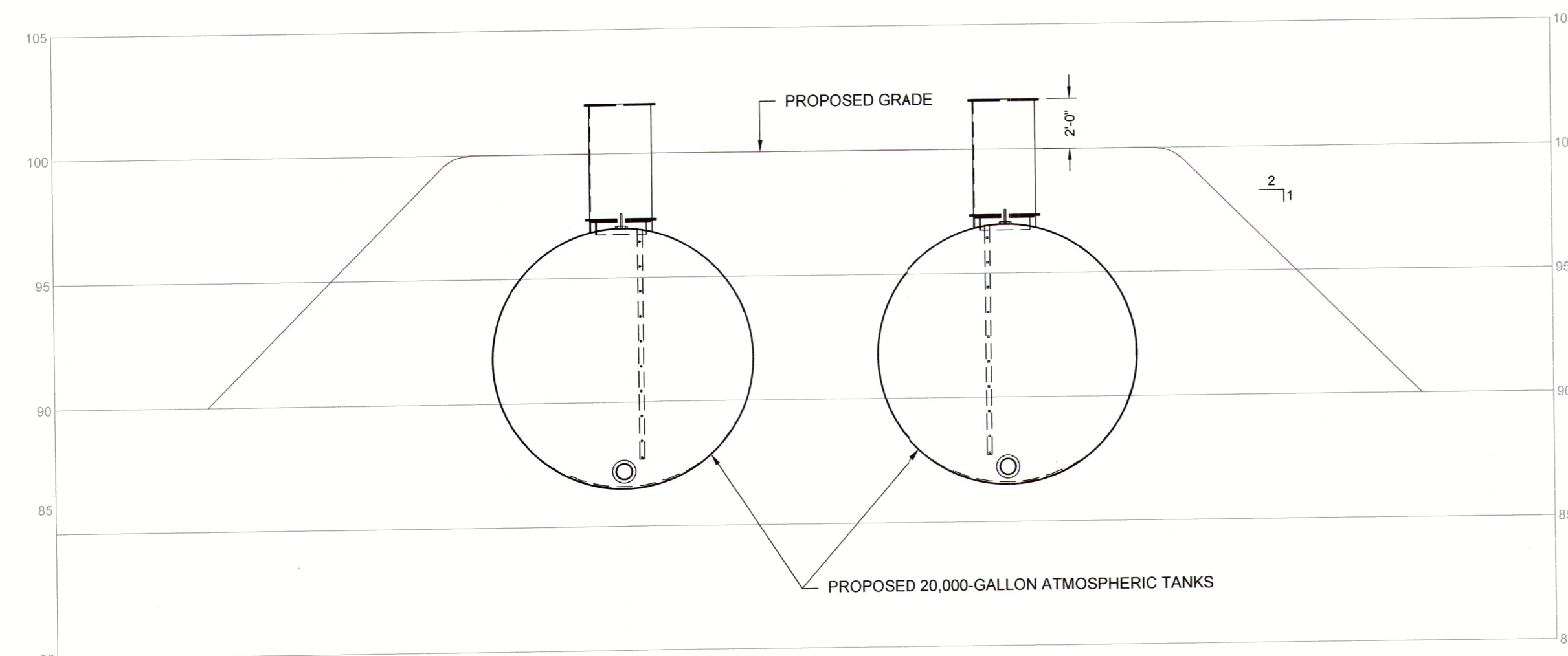
PROJECT NOTES

- A. MOBILIZATION SHALL CONSIST OF: 1) DELIVERY TO THE SITE OF ALL EQUIPMENT, MATERIALS AND SUPPLIES TO BE FURNISHED BY THE CONTRACTOR; 2) COMPLETE PREPARATION IN SATISFACTORY WORKING ORDER OF ALL EQUIPMENT FOR THE JOB; AND 3) THE SATISFACTORY AND SECURE STORAGE OF ALL MATERIALS AND SUPPLIES. AREAS FOR STAGING EQUIPMENT AND MATERIALS WILL BE DESIGNATED BY THE ENGINEER TO CAUSE THE LEAST INTERFERENCE TO SITE ACTIVITIES.
- B. DEMOBILIZATION SHALL CONSIST OF REMOVAL FROM THE SITE OF ALL EQUIPMENT, TRASH AND DEBRIS AFTER COMPLETION OF THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR RESTORING THE AREA TO THE CONDITION THAT EXISTED PRIOR TO THE WORK, INCLUDING REPLACEMENT OR REPAIR OF ANY SITE FEATURES THAT WERE AFFECTED (I.E., FENCES, WALLS, PAVEMENT), AS WELL AS THE GRADING, RAKING AND SEEDING OF DISTURBED LAWN AREAS.
- C. ALL SITE WORK IS TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL SAFETY STANDARDS, AS WELL AS THE SAFETY PROCEDURES LISTED IN THE "MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION", ISSUED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA (AGC PUBLICATION NO. 100). THE CONTRACTOR SHALL BEAR THE COST OF PROVIDING WARNING DEVICES, FENCES, TRAFFIC CONTROL MEASURES AND OTHER SAFETY MEASURES, AS NEEDED. FOR THE WORK TO BE COMPLETED, SAFETY MEASURES WILL BE REQUIRED WHEN WORKING ALONG OR IN STATE OR LOCAL ROADS. ALL EXCAVATIONS WILL BE COVERED AND EQUIPMENT AND MATERIALS SECURED AT THE END OF EACH WORK DAY.
- D. ALL ELECTRICAL, MECHANICAL, PLUMBING, CONSTRUCTION AND OTHER SITE WORK, EQUIPMENT AND MATERIALS ARE TO BE IN ACCORDANCE WITH AND TO MEET ALL APPLICABLE LAWS, CODES AND REGULATIONS.
- E. ALL NEW, CLEANED OR REPAIRED POTABLE WATER PIPES SHALL BE DISINFECTED UNDER THE SUPERVISION OF THE ENGINEER IN ACCORDANCE WITH AWWA STANDARD C651-14 OR LATEST VERSION, EXCEPT SECTION 4.3 (THE TABLET METHOD) PRIOR TO USE.
- F. PRIOR TO ANY SUBSURFACE WORK, THE UNDERGROUND UTILITIES CALL CENTER SHALL BE CONTACTED.
- G. THE MATERIAL USED AS BACKFILL SHALL BE FREE OF ROCKS, STUMPS OR OTHER UNSUITABLE DEBRIS LARGER THAN 2-INCHES IN DIAMETER AND SHALL BE CAPABLE OF BEING COMPACTED TO 95% PROCTOR DENSITY. CLEAN TRACEABLE FILL MEETING THE ABOVE REQUIREMENT SHALL BE BROUGHT ONSITE AND USED AS BACKFILL IF NECESSARY. THE SOURCE OF FILL MUST BE PROVIDED IN ADVANCE OF DELIVERY TO THE SITE. THE ENGINEER RESERVES THE RIGHT TO REQUEST DOCUMENTATION OF FILL QUALITY AND TESTING DONE AT THE CONTRACTORS EXPENSE IF THE SOURCE DOCUMENTATION IS UNSATISFACTORY. ALL MATERIAL SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER. UNSUITABLE MATERIAL WILL BE REMOVED FROM THE PROPERTY AND DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL AND STATE LAWS.
- H. THE LOCATION OF ALL UTILITIES AND BELOW-GRADE PIPING TO BE INSTALLED SHALL BE STAKED AND APPROVED BY THE ENGINEER PRIOR TO SITE WORK.
- I. SEDIMENTATION AND EROSION CONTROLS, CONSISTING OF, BUT NOT LIMITED TO, SILT FENCING AND/OR HAY BALES, ARE TO BE INSTALLED ON THE DOWNSLOPE SIDE OF EXCAVATION AREAS. THE CONTROLS WILL BE INSTALLED PRIOR TO INITIATION OF WORK ON THE SITE, ARE TO BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
- J. THE WATER PIPES TO AND FROM THE ATMOSPHERIC STORAGE TANKS SHALL BE CONSTRUCTED FROM HIGH DENSITY POLYETHYLENE, BE NSF 61 APPROVED AND BE RATED FOR 160 PSI AND SHALL BE INSTALLED AS SHOWN. ALL PIPE BEDDING SHALL BE OF THE MATERIAL AND COVER DIMENSIONS SHOWN IN THE PLANS. THE FOLLOWING PROCEDURE SHALL BE CONSTRUCTED FROM HIGH DENSITY POLYETHYLENE, BE NSF 61 APPROVED AND USED WHEN INSTALLING THE BURIED HIGH DENSITY POLYETHYLENE PIPE TO BE USED FOR POTABLE WATER SUPPLY.
 - a. INSPECT THE PIPE FOR CUTS, GOUGES, DEEP SCRATCHES OR OTHER DAMAGE BEFORE INSTALLATION. IF A CUT OR GOUGE IS DEEPER THAN 10 PERCENT OF THE MINIMUM WALL THICKNESS OF THE PIPE, THAT SECTION SHALL BE REMOVED AND DISCARDED.
 - b. INSPECT THE PIPE FOR KINKS AND REMOVE AND DISCARD ALL KINKED SECTIONS.
 - c. ALL BENDS SHALL BE LONG RADIUS BENDS AND WELDED JOINTS SHALL BE USED FOR ALL PIPING CONNECTIONS.
 - d. COMPACT THE TRENCH BOTTOM AND SMOOTH ANY DEPRESSION OR CAVITIES.
 - e. BURY THE PIPE AS SHOWN ON THE PLANS, COMPACTING THE PIPE EMBEDMENT AND BACKFILL MATERIAL IN 1-FOOT LIFTS.
- M. PRESSURE TESTING OF THE HDPE PIPE SHALL BE CONDUCTED IN ACCORDANCE WITH AWWA M55 AND ASTM F2164 AT A PRESSURE OF 100 PSIG.
- N. UNDERGROUND WARNING TAPES SHALL BE PLACED ABOVE THE BURIED WATER PIPES AS SHOWN ON THE PLANS.
- O. AFTER DISINFECTING AND BEFORE PLACING IN SERVICE, ONE WATER SAMPLE WILL BE COLLECTED AFTER THE ATMOSPHERIC STORAGE TANKS, AND SUBMITTED FOR BACTERIOLOGICAL ANALYSIS.
- P. EQUIPMENT SUBSTITUTIONS WILL NOT BE PERMITTED WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- Q. THE TWO 20,000-GALLON ATMOSPHERIC STORAGE TANKS SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C652-11.
- R. THE EXISTING VALVE PIT THAT CONTAINS THE INFLUENT AND EFFLUENT PIPES FOR THE EXISTING STORAGE TANKS WILL BE REMOVED AND DISPOSED OFFSITE.
- S. THE EXISTING 20,000-GALLON ATMOSPHERIC STORAGE TANKS WILL BE EMPTIED AND CUT IN PLACE FOR OFFSITE DISPOSAL.
- T. AT THE TIME OF INSTALLATION OF THE NEW 20,000-GALLON ATMOSPHERIC STORAGE TANKS, A TEMPORARY 6,000-GALLON TANKER WILL BE BROUGHT ONSITE TO SUPPLY THE COMMUNITY WHILE THE DEMOLITION OF THE EXISTING 20,000-GALLON STORAGE TANKS IS TAKING PLACE.
- U. AFTER THE WORK IS COMPLETED THE AFFECTED AREAS WILL BE SEED.

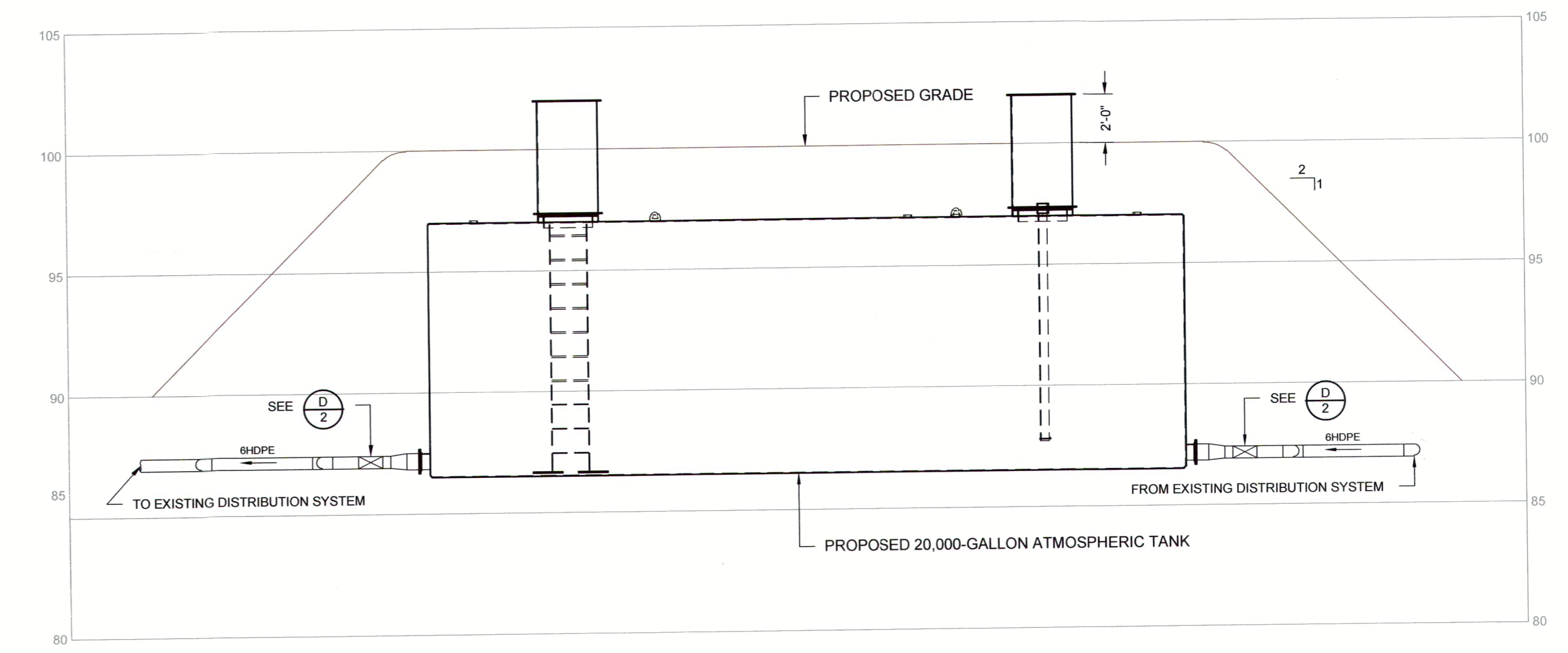


NOTE:
THE ELEVATION DATA DISPLAYED IS ASSUMED AND INTENDED TO IDENTIFY THE PROPOSED SLOPE OF THE LAND SURFACE AFTER THE 20,000-GALLON ATMOSPHERIC STORAGE TANKS ARE INSTALLED.

A
1
PLAN VIEW OF PROPOSED 20,000-GALLON ATMOSPHERIC STORAGE TANKS
SCALE: 1" = 5'-0"



B
1
PROFILE VIEW OF PROPOSED 20,000-GALLON ATMOSPHERIC STORAGE TANKS
HORIZONTAL SCALE: 1" = 5'-0"
VERTICAL SCALE: 1" = 4'-0"



C
1
PROFILE VIEW OF PROPOSED 20,000-GALLON ATMOSPHERIC STORAGE TANKS
SCALE: 1" = 5'-0"

**CANDLEWOOD KNOLLS
NEW FAIRFIELD, CONNECTICUT**

PARTIAL SITE PLAN:
20,000-GALLON ATMOSPHERIC STORAGE TANKS

DATE	REVISED	PREPARED BY:	
			WSP USA 4 Research Drive Suite 204 Shelton, Connecticut 06484 (203) 929-8555

DRAWN: RAC CHECKED: MS DATE: 10/12/18 PLATE: 1

