

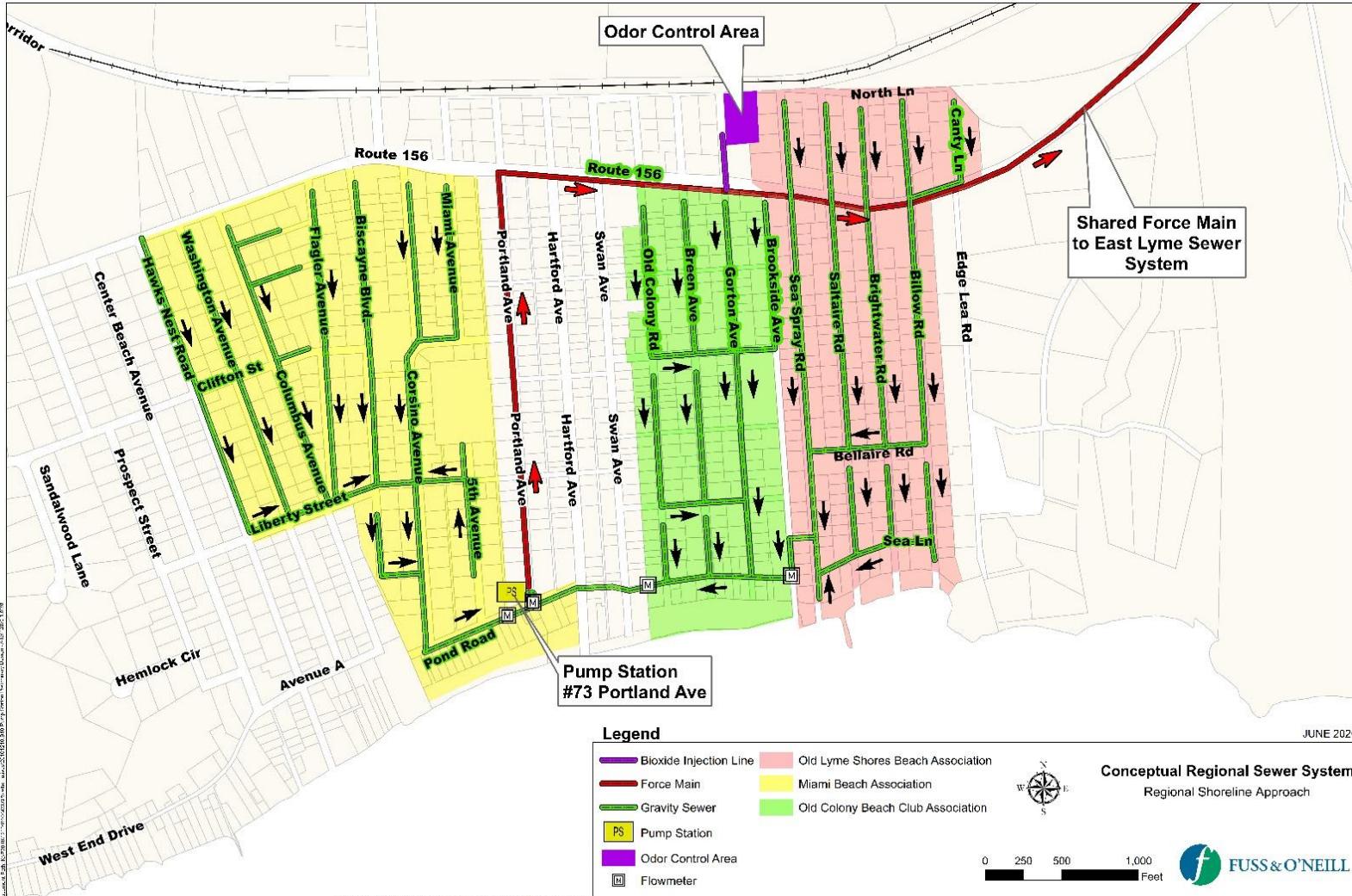


Pump Station Odor Control System

- Why is it necessary?
 - Eliminates odors
 - Prevents corrosion in downstream wastewater collection system
 - Overcomes safety concerns associated with atmospheric hydrogen sulfide
 - East Lyme and New London require wastewater to be treated for odor control and corrosion
- How does it work?
 - Chemical solution will be injected into sewer force main (pipe) carrying wastewater from pump station through East Lyme to New London
 - Wastewater flow from the pump station will be monitored and chemicals will be injected automatically into the sewer pipe.
- Is it safe?
 - Chemical solution is environmentally safe
 - It contains no hazardous substance
 - Secondary containment to be provided for tanks and pumps
 - Casing pipe provided for chemical injection line



Odor Control System Location



- Proposed Odor Control System to be located in OLSBA “Ball Field” site
- DEEP/Zoning requires that the odor control system be located outside the flood zone and not attached to the pump station
- Old Lyme Shores ball field is only location that meets all the DEEP/Zoning requirements



Odor Control Site Specifics

- Odor Control System to be housed in new 12'x16' building
- New 12'x20' OLSBA storage shed to be provided as a result of siting biocide system at OLSBA “ball field”. Structures to be similar in appearance
- Utilities needed will be provided underground
- Security/motion sensor lighting to be installed on both structures
- 6 foot high perimeter fence with double leaf swing gate

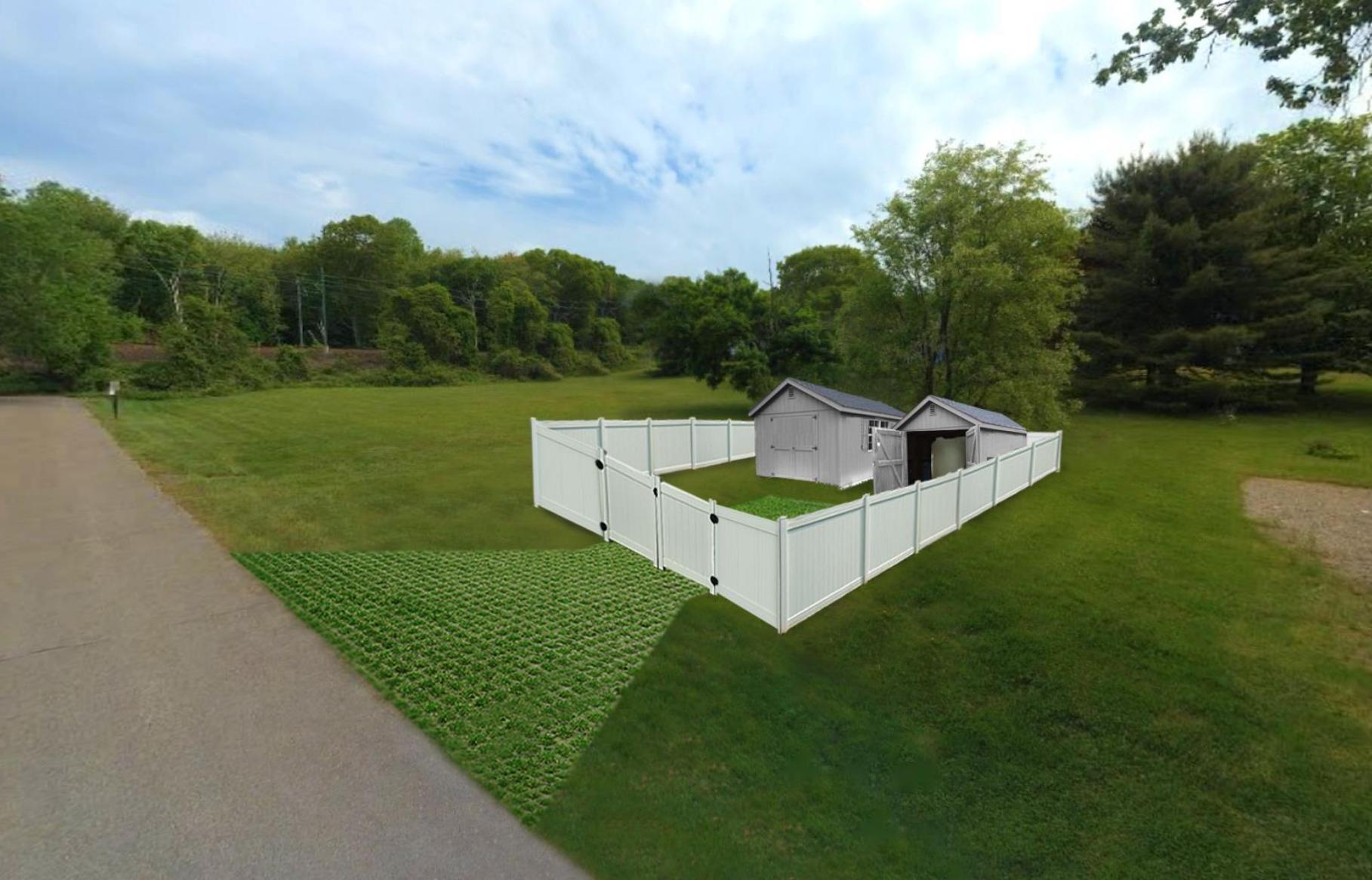


Existing Site



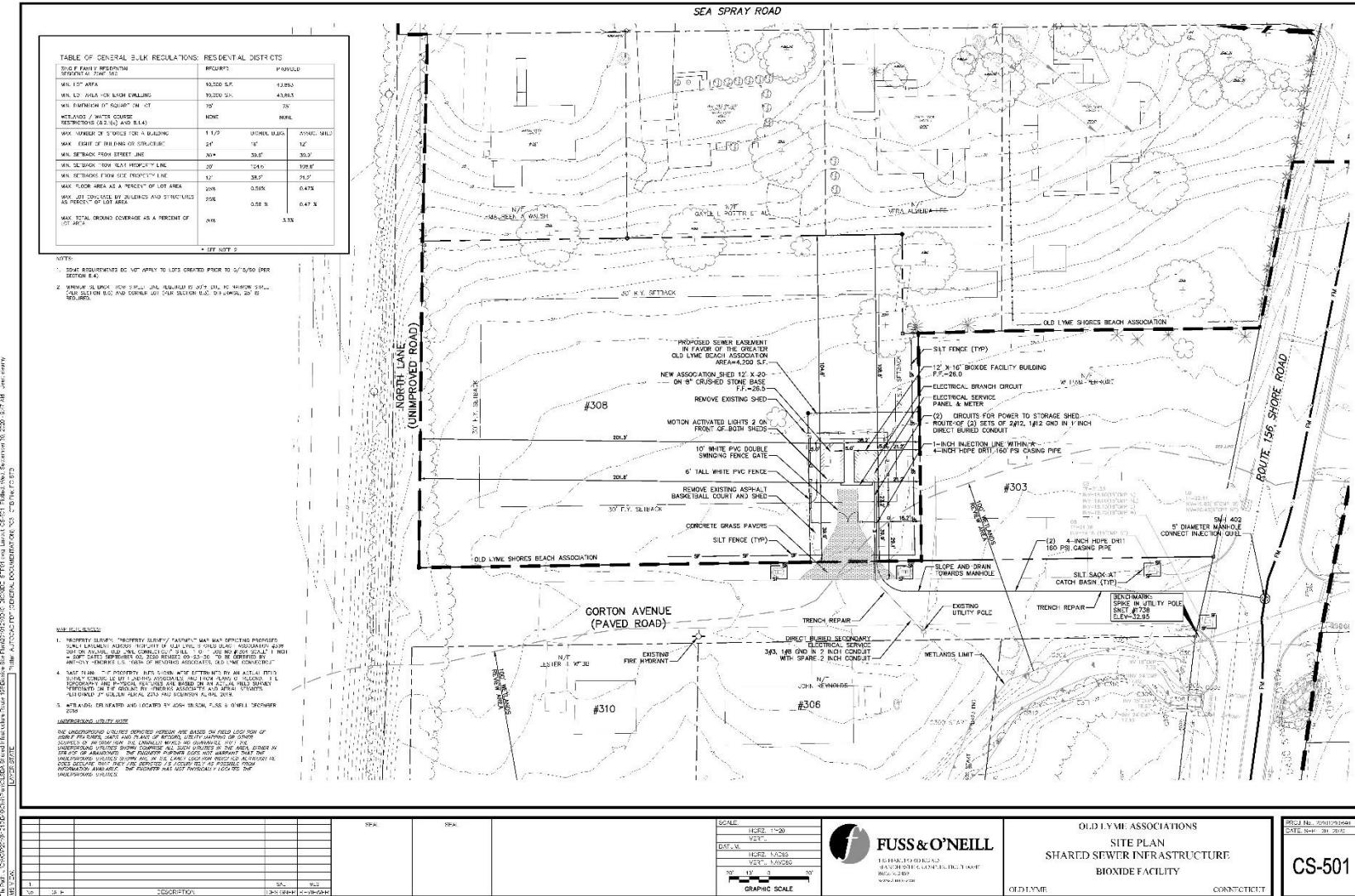


Proposed Site Rendering





Site Plan

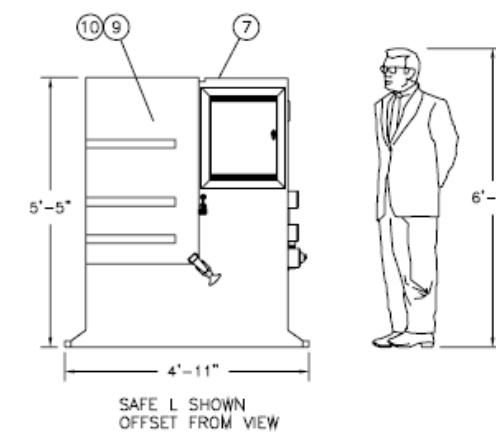
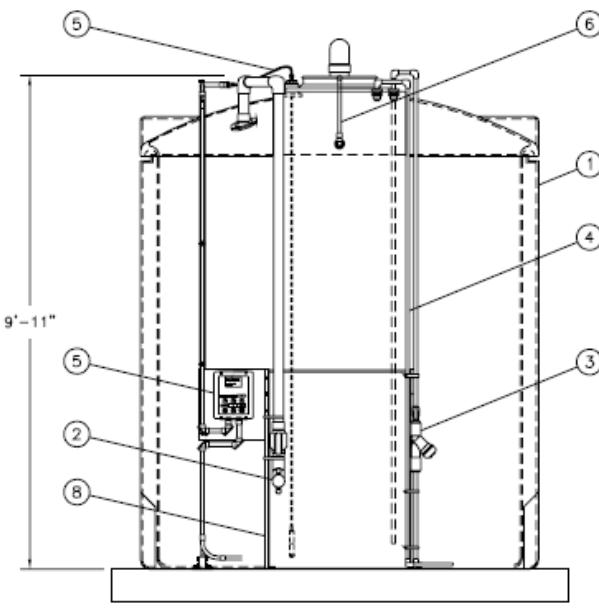




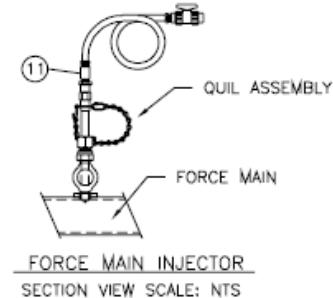
Odor Control System Details

NOTES:

1. THIS IS A CONCEPTUAL GENERAL ARRANGEMENT DRAWING ONLY.
2. ACTUAL EQUIPMENT AND PIPING LOCATIONS MAY VARY. PAD & EQUIPMENT LAYOUT SHOWN ARE ONLY SUGGESTED.
3. CONTAINMENT CURBING IS NOT SHOWN OR INCLUDED.
4. CAUTION: DOOR ON SAFE L EXTENDS PAST PAD DIMENSIONS. MAINTAIN 36" UNOBSTRUCTED AREA FOR PANEL CLEARANCE.

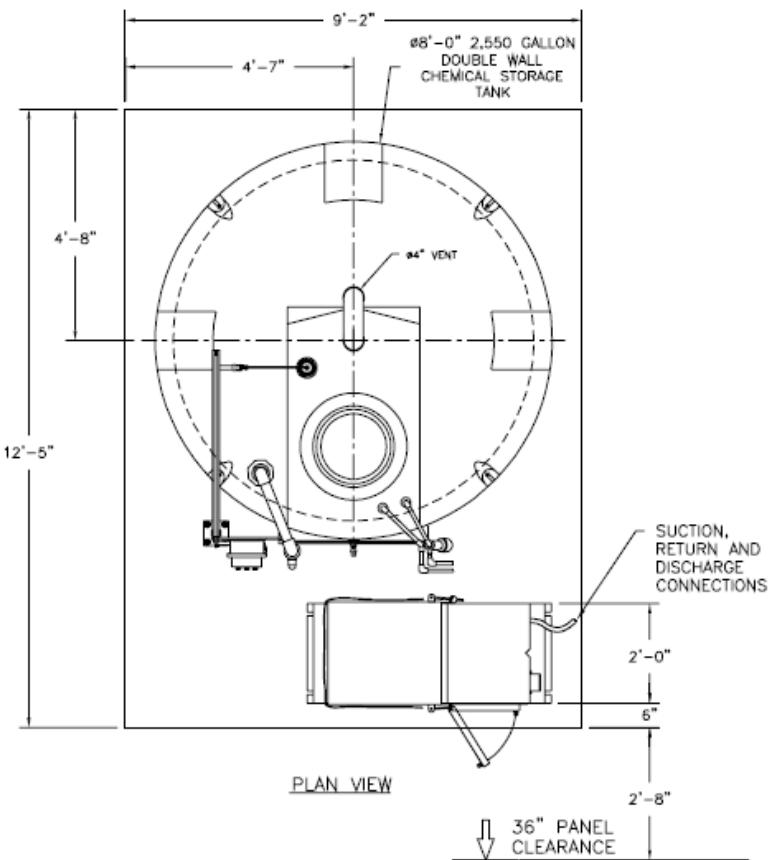


SAFE L SHOWN
OFFSET FROM VIEW



NOMENCLATURE

- (1) 2,550 GAL DW TANK: 8'-0" DIA X 9'-11" HIGH
- (2) ø2" FILL PIPING ASSEMBLY
- (3) ø1/2" SUCTION PIPING ASSEMBLY
- (4) ø1/2" RETURN PIPING ASSEMBLY
- (5) TANK LEVEL LOCAL DISPLAY WITH HIGH-LOW ALARM
- (6) ø1/2" OVERFILL LEVEL SIGHT TUBE
- (7) VERSADOSE LT / SAFE L
- (8) SS TANK PIPE/UTILITY STAND
- (9) CHEMICAL FEED PUMPS
- (10) CALIBRATION MODULE ASSEMBLY
- (11) FORCE MAIN INJECTOR



PLAN VIEW

36" PANEL
CLEARANCE