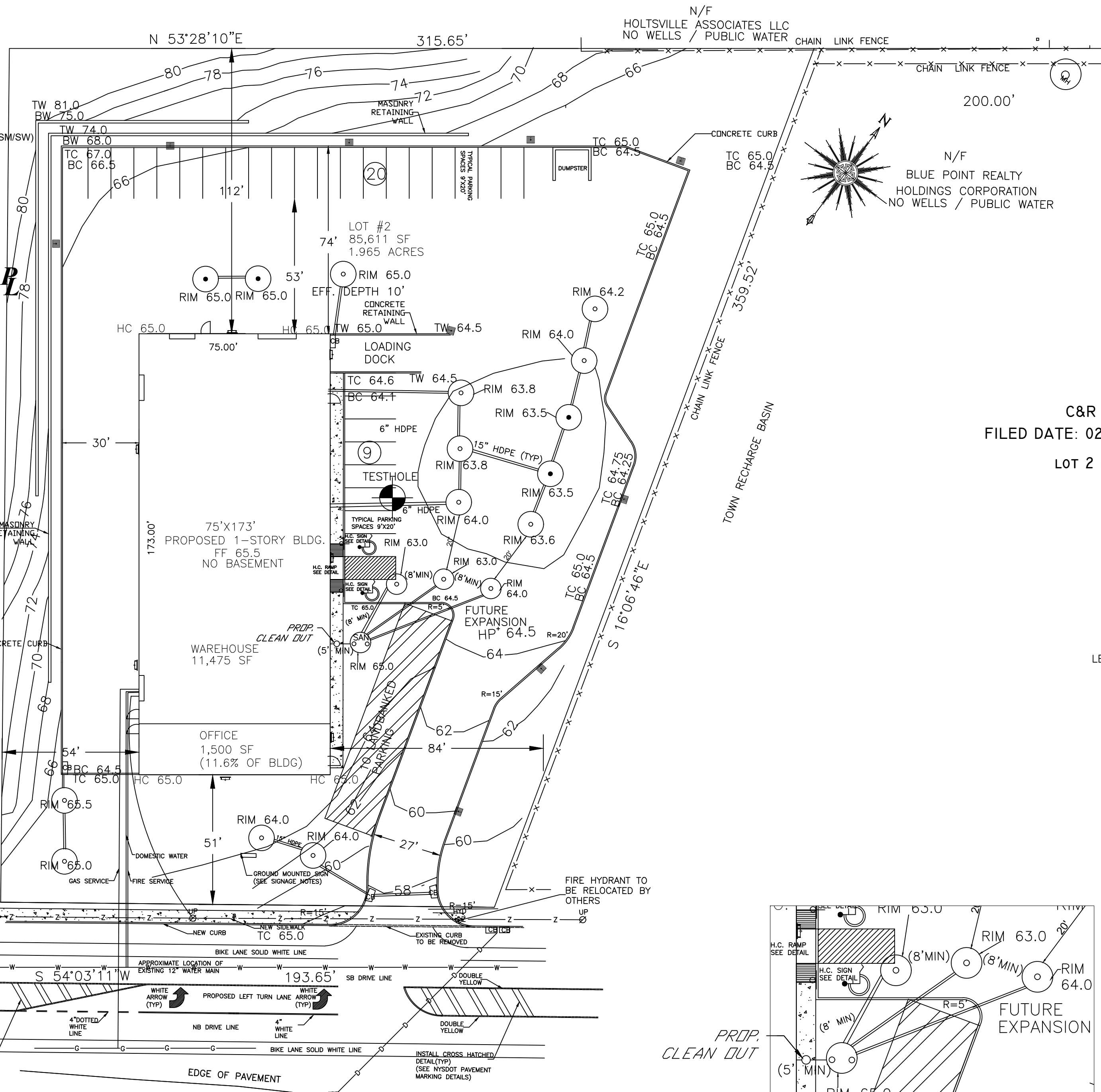


NOTE: Under N.Y.S. Education Law Sec. 7209 Sub. 2, it is illegal for any person, unless acting under the direction of a LICENSED Professional Engineer, to alter any item on this drawing in any way. If any item is to be altered, the Professional Engineer who so alters or who directs another to so alter, shall file to the State his name and the notation "altered" followed by his signature, the date of the alteration and a specific description of the alteration.

- ELEVATION 69.0'
- 2' COARSE TO FINE BROWN SAND TRACE FINE TO COARSE GRAVEL (SW/SW)
 - 2'
 - 5' MEDIUM TO COARSE SAND FINE TO SMALL GRAVEL (SW)
 - 7'
 - 8' MEDIUM LIGHT SAND COARSE TO LARGE GRAVEL (SW)
 - 15'
 - 5' MEDIUM TO COARSE BROWN SAND TRACE FINE TO COARSE GRAVEL (SW)
 - 20'
 - 2' MEDIUM FINE BROWN SAND TRACE FINE TO COARSE GRAVEL (SP)
 - 22'
 - 5' FINE TO MEDIUM BROWN SAND TRACE FINE TO COARSE GRAVEL (SW)
 - 27'
 - NO WATER ENCOUNTERED

TESTHOLE BORING INFORMATION FROM: SLACK TEST BORING INC. 1/24/2018

CORPORATE DRY



SANITARY DISPOSAL SYSTEM

SANITARY DISPOSAL SYSTEM lot 2
 SANITARY FLOW MAX. ALLOWABLE FOR SITE 300 GAL./DAY/AC.
 SITE ACTUAL = 85,611 SF / 43,560 SF/AC = 1.97 AC
 = 1.97 AC X 300 GAL./AC.
 = 591 GAL./DAY/MAX. ALLOWABLE

75 X 173 BLDG. = 12,975 SF X .04 GAL./SF FL. AREA
 (GENERAL INDUSTRIAL) = 519 GAL./DAY FLOW

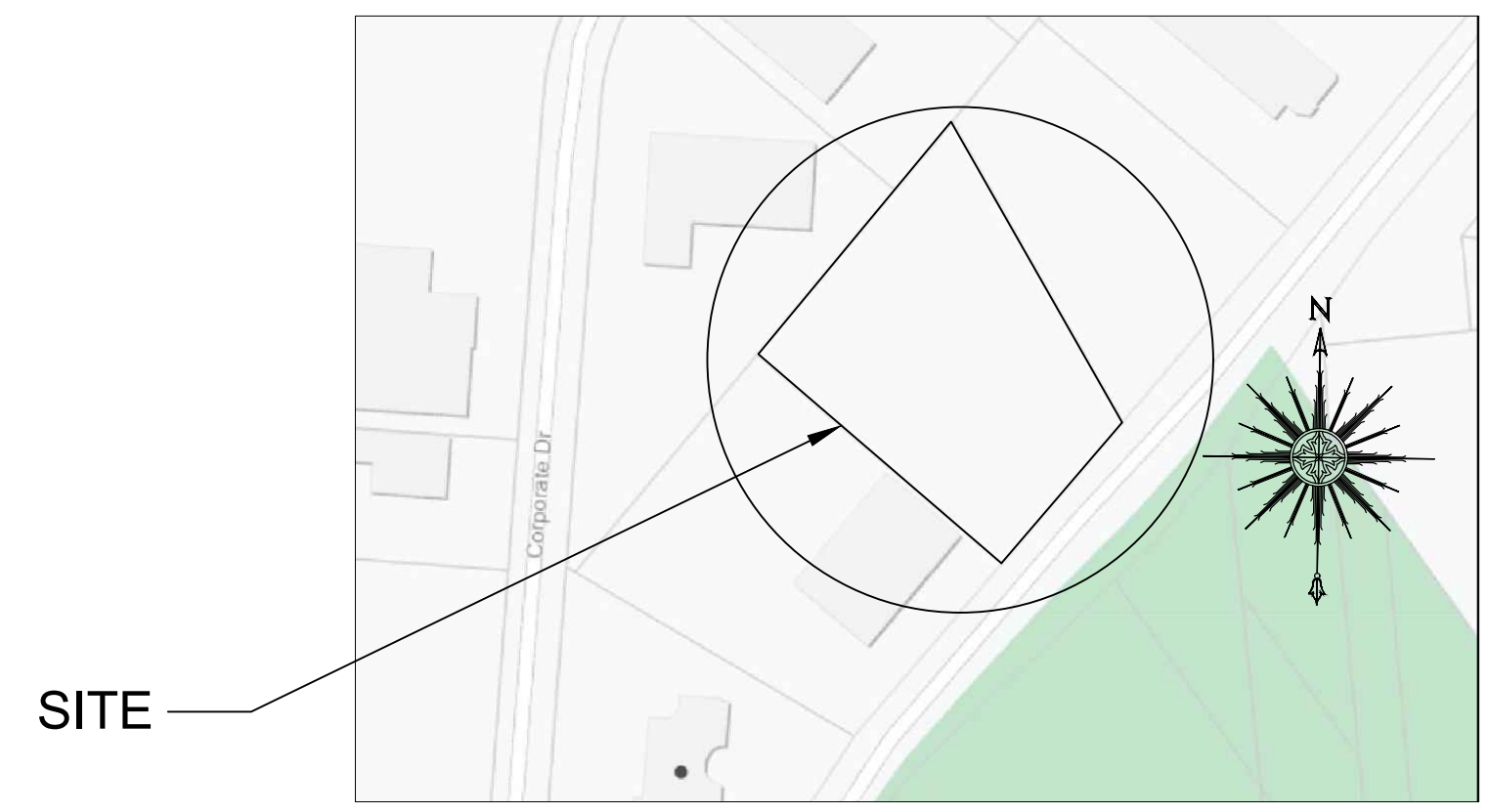
C&R SHALL DEDICATE 72 GALLONS/DAY TO ADJACENT LOT.
 FILED DATE: 02/04/2020 LIB, D00013046 PG.463 WITH SUFFOLK COUNTY CLERK OFFICE
 LOT 2 MAX. ALLOWABLE FLOW DUE TO FLOW TRANSFER COVENANTS IS 519 GPD

SEPTIC TANK

GENERAL INDUSTRIAL
 75'x173'=12,975 SFx.04 GAL./ SF FL. AREA=519 GAL./DAY
 519 GAL./DAY X 2 DAYS FLOW=1038 GAL REQUIRED
 1500 GAL SEPTIC TANK PROVIDED

LEACHING POOLS

519 GAL./DAY REQUIRED
 LEACHING RATIO: 1.5 GAL/SF/DAY X 25.12 SF/VF=37.68 GAL/DAY LEACHING/VF
 8' LP=37.68 GAL/SF/VF
 519 GAL/DAY/37.68 GAL/SF=13.77 VF REQUIRED
 PROVIDE: 2-8' HIGH LEACHING POOLS SECTIONS/POOL



KEY MAP
1"=200'

GENERAL NOTES:

1. PROPERTY BOUNDARY SURVEY PREPARED BY LAND DESIGN ASSOCIATES, P.C.
2. UTILITY SERVICE LOCATIONS AND AVAILABILITY TO BE CONFIRMED BY THE LOCAL PROVIDER PRIOR TO BEGINNING ANY WORK.
3. SITE DOES NOT CONTAIN ANY OLD FIELDS, PINE BARRENS, VEGETATION OR AGRICULTURE LANDS.
4. SITE DOES NOT CONTAIN ANY ON SITE WETLANDS OR HAVE WETLANDS WITHIN 100' OF PROPERTY.
5. SITE DOES NOT CONTAIN ANY CULTURAL RESOURCES SUCH AS PREHISTORIC SITES, CEMETERIES, HISTORIC STRUCTURES ETC.
6. TEMPORARY FENCING IS TO BE INSPECTED PRIOR TO ANY CONSTRUCTION OR DISTURBANCE ON-SITE.
7. SITE IS LOCATED IN GROUND WATER MANAGEMENT ZONE 6

SURVEY DATUM IS U.S.C. & G.S.

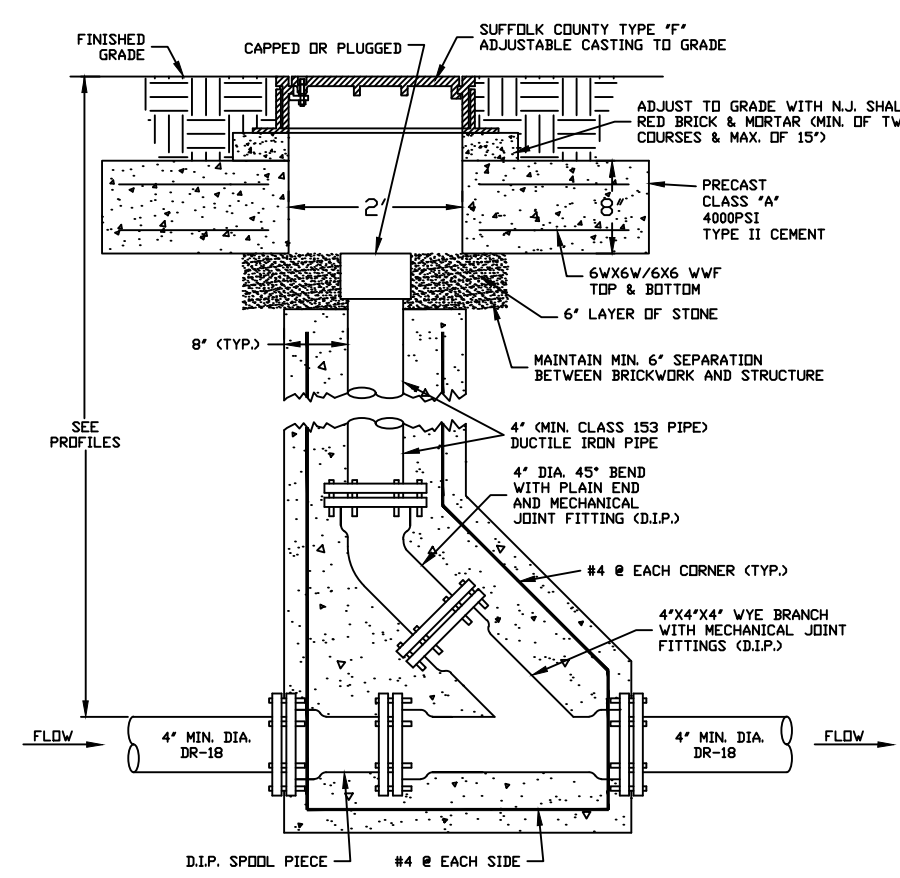
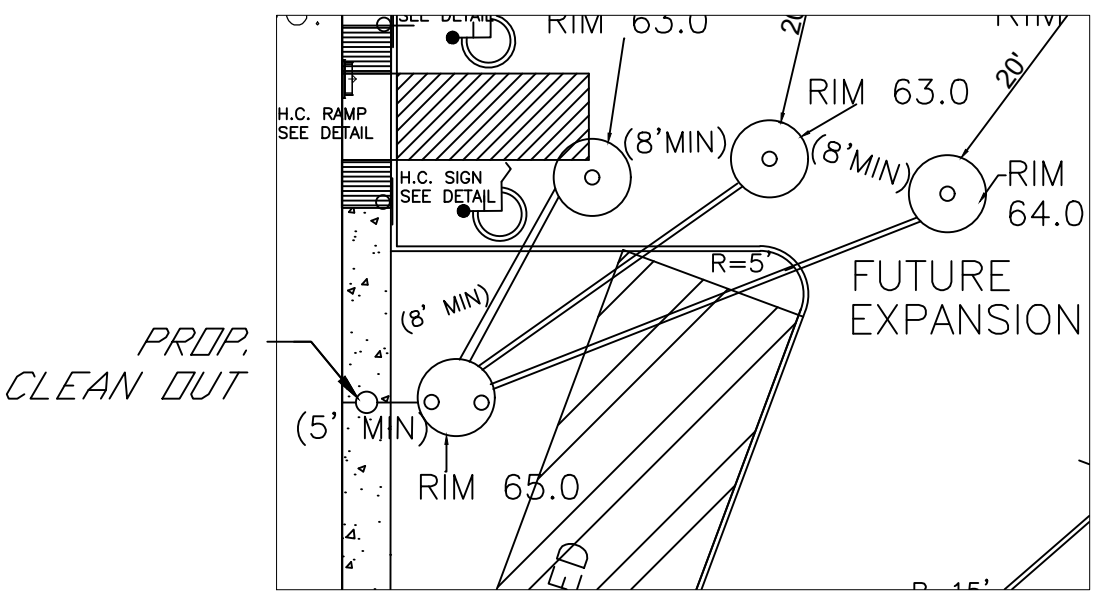
LEGEND

- TC 0.00 - PROPOSED SPOT ELEVATION
- BC 0.00 - EXISTING SPOT ELEVATION
- 0.00 - EXISTING SPOT ELEVATION
- - DRAINAGE DRYWELL WITH OPEN GRATE
- - DRAINAGE DRYWELL WITH COVER
- - SANITARY LEACHING BASIN
- - NEW SIDEWALK
- - REINFORCED CONCRETE PIPE
- - PROPOSED WATER LINE
- - PROPOSED GAS LINE
- - PROPOSED ELECTRIC
- - EXISTING OVERHEAD WIRES
- - PROPOSED CONTOURS
- - EXISTING CONTOURS

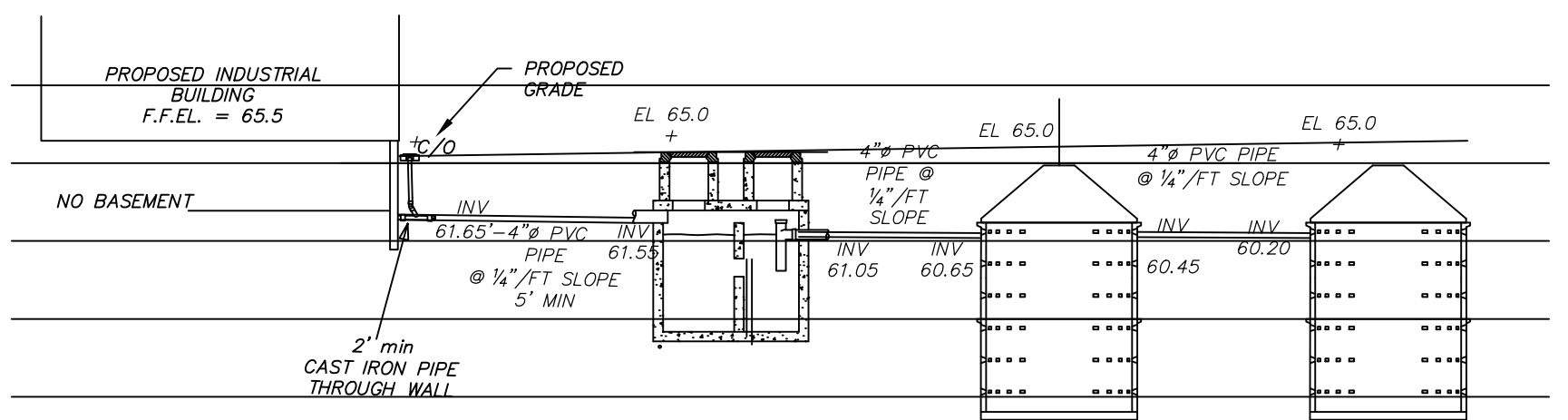
REF. NO: COZ-18-0074

REVISIONS	
DATE	DESCRIPTION
10/3/2018	SCHD SUBMISSION
11/15/2018	HEALTH DEPARTMENT COMMENTS
11/30/2019	LAYOUT REVISIONS
9/3/2023	HEALTH DEPT. COMMENTS
9/18/2023	" "
12/21/2023	HEALTH DEPT. COMMENTS

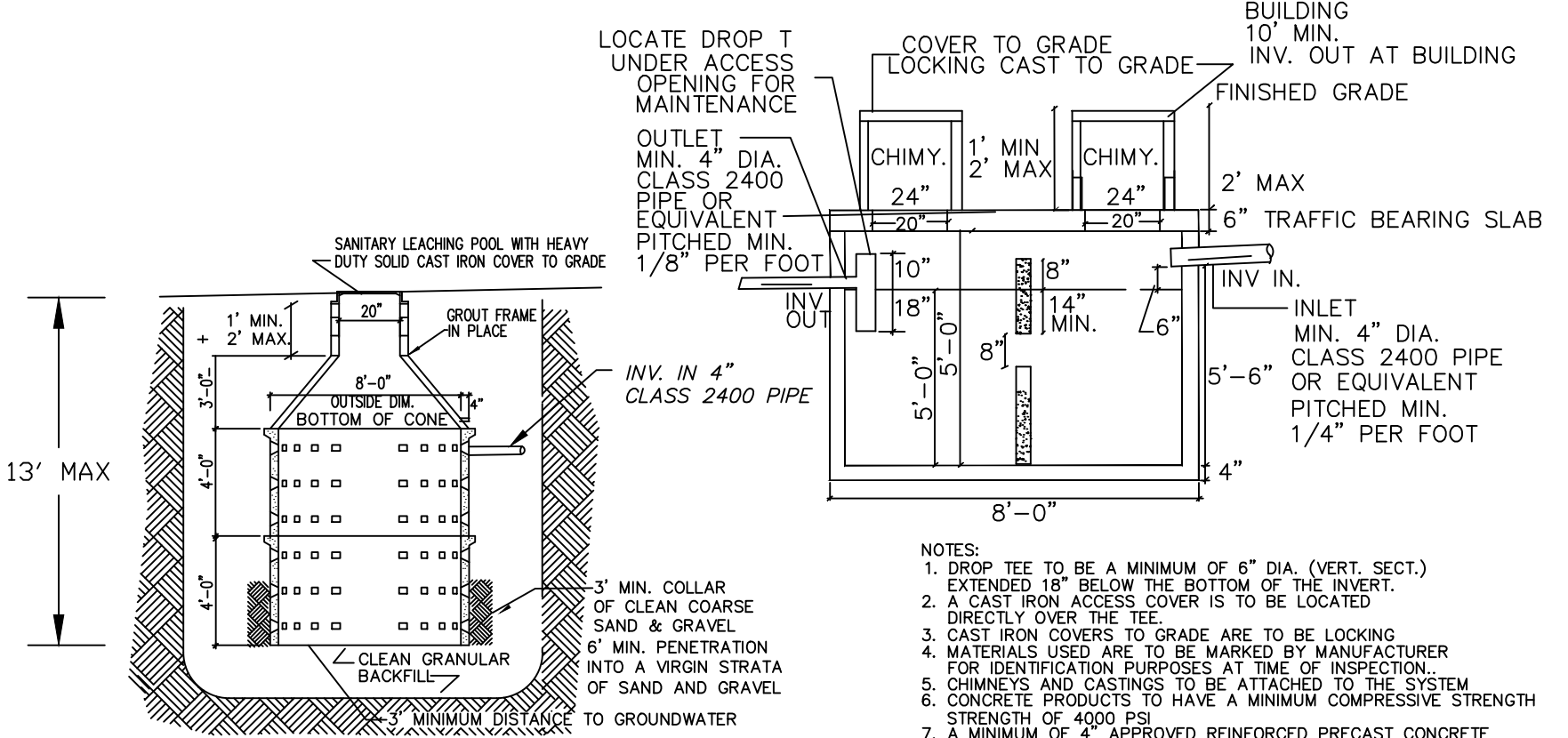
SANITARY SPACING SCHEMATIC (SCALE: 1"=20')



TYPICAL GRAVITY HOUSE CONNECTION IN ROADWAY CLEAN-OUT DETAIL



SANITARY INSTALLATION SECTION
NOT TO SCALE



1500 GAL. SEPTIC TANK AND LEACHING POOL DETAIL
NO SCALE

- DRAINAGE AND SANITARY NOTES:**
1. ALL CONCRETE CURBING, SIDEWALKS, AND DRAINAGE STRUCTURES SHALL CONFORM TO PLANNING BOARD STANDARD DETAILS AND SPECIFICATIONS.
 2. TOWN OF BROOKHAVEN PLANNING BOARD AND SUFFOLK COUNTY HEALTH SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF ALL CONSTRUCTION.
 3. OWNER HAS AGREED TO ALLOW 31' AT THE WEST SIDE OF THE PROPERTY TO BE ATTRIBUTED TO THE PROPERTY TO THE WEST FOR SANITARY CALCULATION ONLY.
 4. GROUND MOUNTED SIGN CANNOT EXCEED 18 SQUARE FEET AND MUST BE HIGHER THAN 9 FEET. SEE C/R FILED.

- NOTES FOR LEACHING POOL DETAILS:**
1. STEEL REINFORCED WELDED WIRE FABRIC 6" X 12" #6 X #8
 2. WHEN GROUND WATER IS WITHIN 8' OF CURB GRADE, TOP SECTION SHALL BE LEACHING TYPE WITH FILTER CLOTH INSTALLED.
 3. STEEL REINFORCING ON CONE SECTION 12-#2 VERT., 1-#3 TOP, 1-#3 BOTTOM.
 4. IF CHIMNEY IS REQ'D, MIN WALL THICKNESS 3".

- NOTES:**
1. DROP TEE TO BE A MINIMUM OF 6" DIA. (VERT. SECT.) EXTENDED 18" BELOW THE BOTTOM OF THE INVERT.
 2. A CAST IRON ACCESS COVER IS TO BE LOCATED DIRECTLY OVER THE TEE.
 3. CAST IRON COVERS TO GRADE ARE TO BE LOCKING.
 4. MATERIALS USED ARE TO BE MARKED BY MANUFACTURER FOR IDENTIFICATION PURPOSES AT TIME OF INSPECTION.
 5. CHIMNEYS AND CASTINGS TO BE ATTACHED TO THE SYSTEM.
 6. CONCRETE PRODUCTS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
 7. A MINIMUM OF 2" APPROVED REINFORCED PRECAST CONCRETE BOTTOM AND 2" WALLS.
 8. 8" DIA. IN. APPROVED REINFORCED PRECAST CONCRETE SOLID RING.
 9. 8" DIA. IN. APPROVED REINFORCED PRECAST CONCRETE 6" THICK SLAB TOP IN LAWN AREAS.
 10. DROP TEES MUST BE FLARED OR OTHERWISE FIRMLY ATTACHED.
 11. LIQUID DEPTH MUST BE 4 FEET.
 12. FLOW BATTLE OR DROP TEE REQUIRED.
 13. LEACHING POOL TO BE A MINIMUM OF 25' AWAY FROM BUILDING.

REF. NO: COZ-18-0074

PROJECT TITLE:
BLUE POINT ROAD INDUSTRIAL SCHD SUBMITTAL
 HOLTSVILLE TOWN OF BROOKHAVEN SUFFOLK COUNTY, NEW YORK SCTM# 0200-835-03-7.2

Land Design Associates
 350 MOTOR PARKWAY, SUITE 206 HAUPPAUGE, NY 11788
 PHONE: (631) 549-4744 FAX: (631) 365-3365 EMAIL: L.D.A.C@GMAIL.COM ONLINE: NET

SANITARY FACILITIES

DATE:	SHEET NO:
AUG 3, 2023	1
DRAWN BY: MM	OF
FILENAME:	1
PLOT NAME:	
LAST PLOT:	
SCALE:	1" = 30'

JOSEPH CELENTANO, PE
 NY LIC. NO. 067235