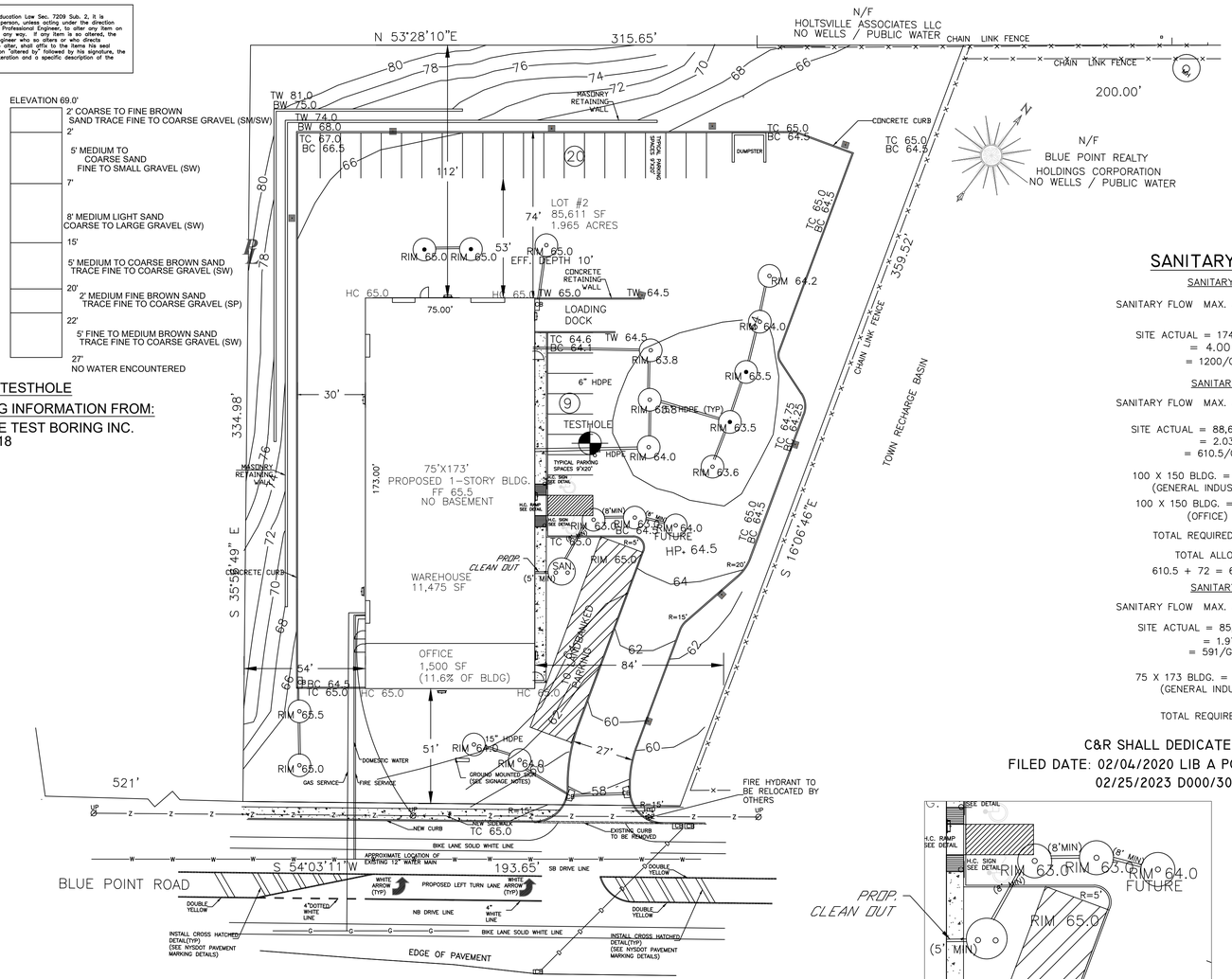
NOTE:
Under N.Y.S. Education Law Sec. 7209 Sub. 2, it is illegal for any person, unless acting under the direction of a LICENSED Professional Engineer, to alter any item on this plan/map in any way. If any item is altered, the Professional Engineer who so alters or who directs another to so alter, shall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



TESTHOLE

BORING INFORMATION FROM:
SLACKE TEST BORING INC.
1/24/2018

ELEVATION 69.0'

- 2' COARSE TO FINE BROWN SAND TRACE FINE TO COARSE GRAVEL (SM/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

SANITARY DISPOSAL SYSTEM

SANITARY DISPOSAL SYSTEM overall

SANITARY FLOW MAX. ALLOWABLE FOR SITE 300 GAL./DAY/AC.

SITE ACTUAL = 174,241.31 SF/43,560 SF/AC =4.00 AC
= 4.00 AC X 300 GAL./AC.
= 1200/GAL./DAY/MAX. ALLOWABLE

SANITARY DISPOSAL SYSTEM lot 1

SANITARY FLOW MAX. ALLOWABLE FOR SITE 300 GAL./DAY/AC.

SITE ACTUAL = 88,629.56 SF/43,560 SF/AC = 2.035 AC
= 2.035 AC X 300 GAL./AC.
= 610.5/GAL./DAY/MAX. ALLOWABLE

100 X 150 BLDG. = 10,939 SF X .04 GAL/SF FL. AREA
(GENERAL INDUSTRIAL) = 437.56 GAL./DAY FLOW
100 X 150 BLDG. = 4,061 SF X .06 GAL/SF FL. AREA
(OFFICE) = 243.66 GAL./DAY FLOW

TOTAL REQUIRED FLOW = 681.22 GAL./DAY FLOW

TOTAL ALLOWABLE FLOW BASED ON C&R
610.5 + 72 = 682.5 GAL./DAY/MAX. ALLOWABLE

SANITARY DISPOSAL SYSTEM lot 2

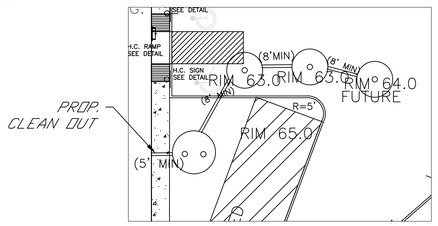
SANITARY FLOW MAX. ALLOWABLE FOR SITE 300 GAL./DAY/AC.

SITE ACTUAL = 85,611 SF / 43,560 SF/AC = 1.97 AC
= 1.97 AC X 300 GAL./AC.
= 591/GAL./DAY/MAX. ALLOWABLE

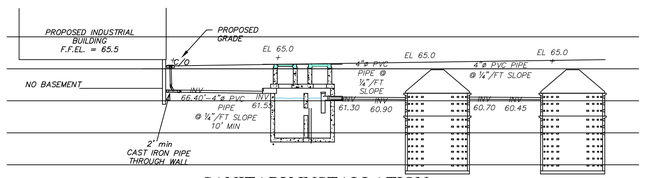
75 X 173 BLDG. = 12,975 SF X .04 GAL/SF FL. AREA
(GENERAL INDUSTRIAL) = 519 GAL./DAY FLOW

TOTAL REQUIRED FLOW = 519 GAL./DAY FLOW

C&R SHALL DEDICATE 72 GALLONS/DAY FLOW TO: LOT I
FILED DATE: 02/04/2020 LIB A PG. 463 WITH SUFFOLK COUNTY CLERK OFFICE
02/25/2023 D000/3046



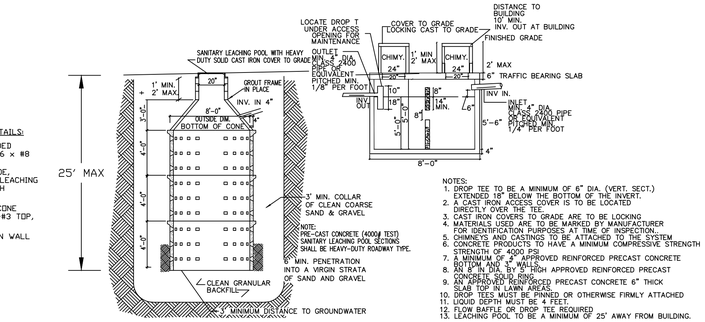
SANITARY SPACING SCHEMATIC (SCALE: I"=20')



SANITARY INSTALLATION SECTION
NOT TO 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 SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF ALL CONSTRUCTION.
3. LOCATION AND GRADES FOR CURBS AND WALKS TO BE VERIFIED WITH THE TOWN OF BROOKHAVEN HIGHWAY DEPARTMENT, S.C.D.P.W. OR N.Y.S.D.O.T. PRIOR TO CONSTRUCTION.
4. ALL TRAFFIC CONTROL DEVICES, I.E. SIGNALS, SIGNS, AND PAVEMENT MARKINGS SHALL BE INSTALLED IN CONFORMANCE WITH THE GUIDELINES OF THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND AS DIRECTED BY THE TOWN OF BROOKHAVEN, DIVISION OF TRAFFIC SAFETY.
5. THE CONTRACTORS PERFORMING ANY AND ALL TRAFFIC CONTROL DEVICES LAYOUT AND INSTALLATION WORK SHALL NOTIFY THE TOWN OF BROOKHAVEN DIVISION OF TRAFFIC SAFETY, 48 HOURS IN ADVANCE OF BEGINNING SUCH WORK ALONG A TOWN ROAD.
6. ALL PAVEMENT MARKINGS REQUIRED SHALL BE THRMOPLASTIC (SUFFOLK COUNTY SPECIFICATIONS) UNLESS OTHERWISE NOTED ON THE PLAN.
7. STOP LINE SIGHT DISTANCE SHALL BE MAINTAINED AT ALL INTERSECTIONS IN ACCORDANCE WITH AASHTO REQUIREMENTS.
8. ANY BROKEN OR MISSING ROADWAY CURB WITHIN THE PROJECT LIMITS SHALL BE REPLACED BY THE CONTRACTOR AND SHALL CONFORM TO PLANNING BOARD STANDARD DETAILS AND SPECIFICATIONS.
9. 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.
10. GROUND MOUNTED SIGN CANNOT EXCEED 18 SQUARE FEET AND CANNOT BE HIGHER THAN 9 FEET.

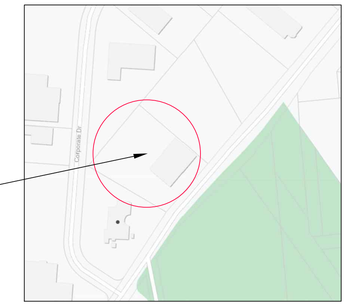


NOTES FOR LEACHING POOL DETAILS:

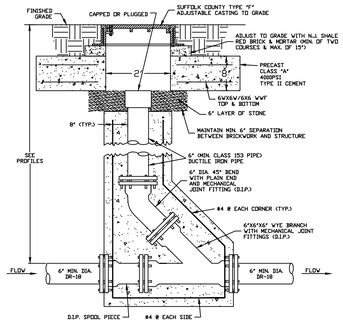
1. STEEL REINFORCED WELDED WIRE FABRIC 6" x 12" #6 x #8
2. WHEN GROUND WATER IS WITHIN 8' OF CURB GRADE, TOP SECTION SHALL BE LEACHING TYPE WITH FILTER CLOTH INSTALLED.
3. STEEL REINFORCING ON CONE SECTION 12-#2 VERT. ,1-#3 TOP, 1-#3 BOTTOM.
4. IF CHIMNEY IS REQ'D, MIN WALL THICKNESS 3".

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 3" APPROVED REINFORCED PRECAST CONCRETE BOTTOM AND 6" WALLS
8. AN 8" MIN. TO 24" MAX. HIGH APPROVED REINFORCED PRECAST CONCRETE SLAB TOP
9. AN APPROVED REINFORCED PRECAST CONCRETE 6" THICK SLAB TOP IN LAWN AREAS
10. DROP TEES MUST BE PINNED OR OTHERWISE FIRMLY ATTACHED
11. LIQUID DEPTH MUST BE 4 FEET.
12. FLOW BAFFLE OR DROP TEE REQUIRED
13. LEACHING POOL TO BE A MINIMUM OF 25' AWAY FROM BUILDING.

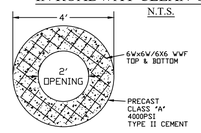
1200 GAL. SEPTIC TANK AND POOL DETAIL
NO SCALE



KEY MAP
N.T.S



TYPICAL GRAVITY HOUSE CONNECTION IN ROADWAY CLEAN-OUT DETAIL



GENERAL NOTES:

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

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

LEGEND

- TC 0.00 BC 0.00 0.00 - PROPOSED SPOT ELEVATION
- 0.00 - EXISTING SPOT ELEVATION
- - DRAINAGE DRYWELL WITH OPEN GRATE
- - DRAINAGE DRYWELL WITH COVER
- - SANITARY LEACHING BASIN
- - NEW SIDEWALK
- - REINFORCED CONCRETE PIPE
- W - PROPOSED WATER LINE
- G - PROPOSED GAS LINE
- E - PROPOSED ELECTRIC
- Z - 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
1/30/2019	LAYOUT REVISIONS
8/3/2023	HEALTH DEPT. COMMENTS

PROJECT TITLE:

BLUE POINT ROAD INDUSTRIAL SCHD SUBMITTAL

HOLTSVILLE
TOWN OF BROOKHAVEN
SUFFOLK COUNTY, NEW YORK
SCTM# 0200-835-03-P/O 7

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PLAN TITLE:

SANITARY FACILITIES

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

JOSEPH CELENTANO, PE
NY LIC. NO. 067235

SCHD STAMP