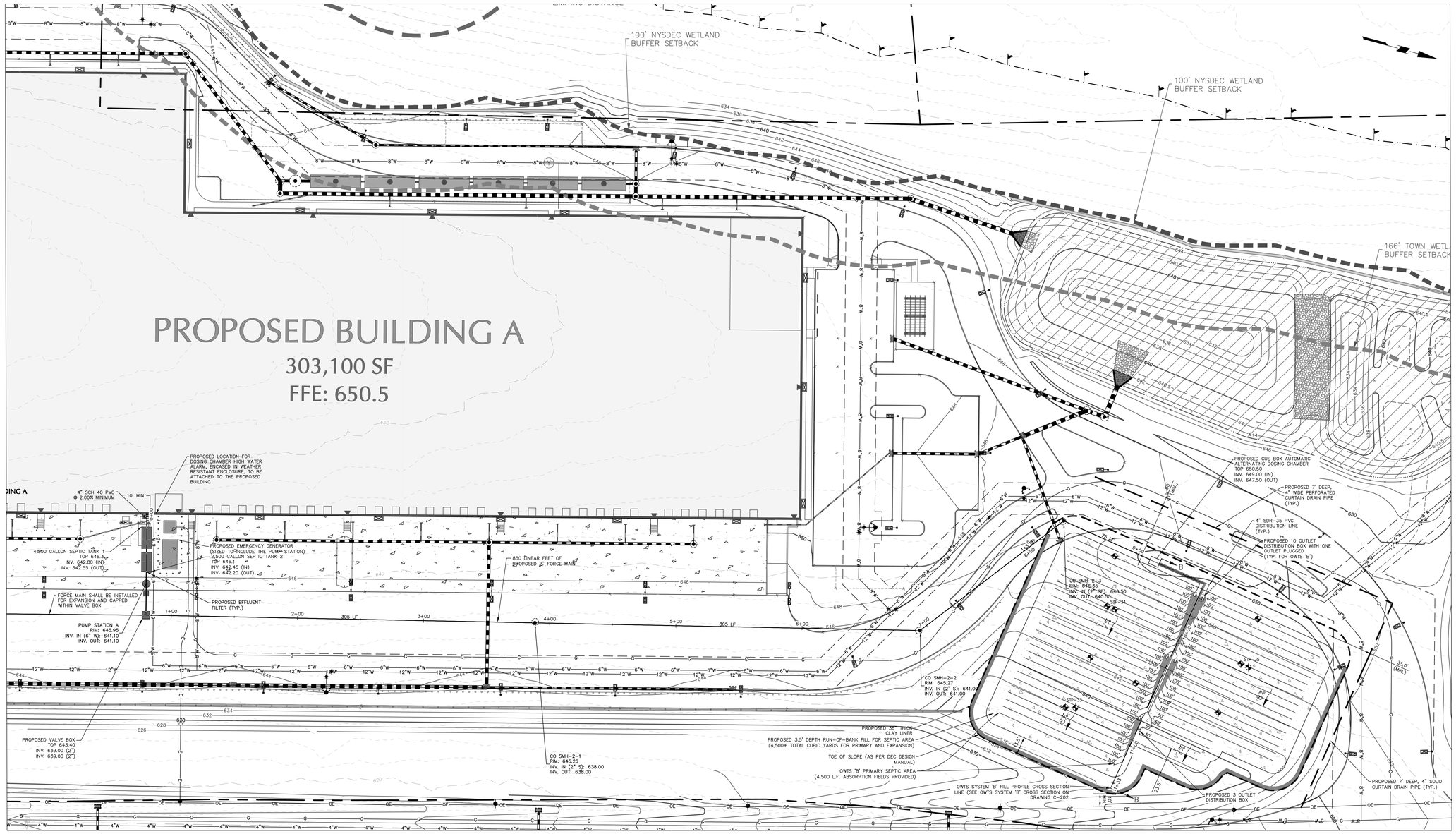
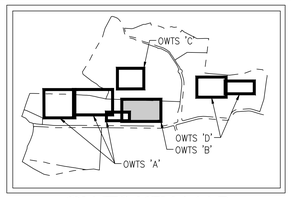




OWTS KEY MAP

SCALE: 1" = 1,500'

LEGEND

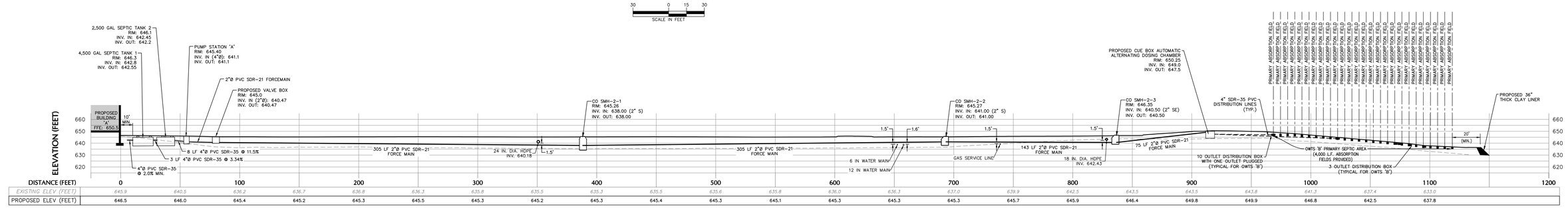
- EXISTING/PROPOSED PROPERTY LINE
- PROPOSED SUBDIVISION LINE
- ADJACENT PROPERTY LINE
- WF-A3, WF-A4, WF-A5 — EXISTING WETLAND LINE AND DELINEATION
- EXISTING NYSDEC WETLAND BUFFER
- EXISTING TOWN WETLAND BUFFER
- EXISTING NYCDEP LIMITING DISTANCE
- EXISTING STONE WALL
- PROPOSED BUILDING LINE
- PROPOSED EDGE OF PAVEMENT/CURB LINE
- SMH — PROPOSED SANITARY SEWER MANHOLE
- DMH — PROPOSED STORM DRAIN MANHOLE
- CO SMH — FUTURE SANITARY SEWER FORCE MAIN CLEANOUT IN MANHOLE
- CO SMH — PROPOSED SANITARY SEWER FORCE MAIN CLEANOUT IN MANHOLE
- DI — PROPOSED TYPE DI DRAIN INLET
- PROPOSED END SECTION
- PROPOSED HYDRANT
- 15" HDPE — PROPOSED STORM DRAIN LINE & SIZE
- PROPOSED SANITARY SEWER LINE
- FUTURE 100% EXPANSION SANITARY SEWER LINE
- PRIMARY ABSORPTION FIELD
- 100% EXPANSION ABSORPTION FIELD
- PROPOSED WATER LINE
- PROPOSED WATER VALVE
- PROPOSED RETAINING WALL (DESIGN BY OTHERS)
- PROPOSED UTILITY POLE
- LOCATION OF DEEP HOLE TESTING
- LOCATION OF INFILTRATION HOLE TESTING
- 7' DEEP, 4" SOLID CURTAIN DRAIN PIPE
- 7' DEEP, 4" PERFORATED CURTAIN DRAIN PIPE

NOTES

1. EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEYS PREPARED BY BADEY & WATSON, SURVEYING AND ENGINEERING, P.C..
2. GEOTECHNICAL BORING/TEST PIT LOCATIONS DEPICTED ON THIS PLAN WERE TAKEN FROM THE GEOTECHNICAL REPORT ENTITLED, "PRELIMINARY SUBSURFACE INVESTIGATION", DATED 05/13/2021, PREPARED BY SESI CONSULTING ENGINEERS.
3. PAVEMENT CORE, STORMWATER TEST, SANITARY TEST LOCATIONS DEPICTED ON THIS PLAN WERE TAKEN FROM THE GEOTECHNICAL REPORT ENTITLED, "GEOTECHNICAL INVESTIGATION REPORT FOR PROPOSED NORTHEAST INTERSTATE LOGISTICS CENTER ROUTE 312 AND PUGSLEY ROAD," REVISED 06/26/2020, PREPARED BY SESI CONSULTING ENGINEERS.
4. PIPE FOR STORM DRAINS IDENTIFIED AS HDPE HEREON SHALL BE HIGH DENSITY POLYETHYLENE PIPE (HDPE) WITH A SMOOTH INTERIOR AND ANNULAR EXTERIOR CORRUGATIONS IN ACCORDANCE WITH ASTM F-2648. JOINTS SHALL BE WATERTIGHT IN ACCORDANCE WITH ASTM D-3212.

CONTRACTOR SHALL INSTALL CURTAIN DRAINS AND MONITORING TRENCH AND MONITOR THE GROUNDWATER ELEVATION AS OUTLINED IN PCDOH REGULATIONS FROM MARCH 15 TO JUNE 30. THE RESULTS OF THE MONITORING SHALL BE PROVIDED TO THE PCDOH, NYCDEP AND DESIGN ENGINEER PRIOR TO THE INSTALLATION OF ABSORPTION FIELDS.

1. THE FILL MATERIAL MUST BE STABILIZED PRIOR TO SEPTIC FIELD INSTALLATIONS IN ACCORDANCE WITH SECTION E.13 OF DEC'S DESIGN MANUAL.
2. THE FILL MATERIAL SHALL HAVE A PERCOLATION RATE OF 5-30 MINUTES PER INCH.
3. PERCOLATION TEST IN THE FILL MATERIAL MUST BE CONDUCTED AT THE BORROW PIT AND AFTER PLACEMENT AND SETTLING AT THE SITE. DEP MUST WITNESS THE LATTER.



DISTANCE (FEET)	0	100	200	300	400	500	600	700	800	900	1000	1100	1200
EXISTING ELEV (FEET)	645.9	640.5	636.2	636.7	636.8	636.3	635.8	635.5	635.3	635.5	635.6	635.8	636.0
PROPOSED ELEV (FEET)	646.5	646.0	645.4	645.2	645.3	645.5	645.3	645.2	645.3	645.4	645.3	645.1	645.3

DISTANCE (FEET)	636.3	637.0	639.9	642.5	643.5	643.5	643.8	641.3	637.4	633.0
EXISTING ELEV (FEET)	636.3	637.0	639.9	642.5	643.5	643.5	643.8	641.3	637.4	633.0
PROPOSED ELEV (FEET)	645.3	645.3	645.7	645.9	646.4	649.8	649.9	646.8	642.5	637.8

OWTS B PROFILE
VERTICAL SCALE: 1" = 30'
HORIZONTAL SCALE: 1" = 30'

PUTNAM COUNTY HEALTH DEPARTMENT NOTES:

1. SSTS AREA TO BE FIELD STAKED AND CORDONED OFF TO PREVENT THE OPERATIONS OF TRUCKS AND/OR MACHINERY OR STORAGE OF HEAVY EQUIPMENT, OR EXCAVATED EARTH IN THIS AREA.
2. SSTS SYSTEM TO BE INSPECTED BY THE DESIGN PROFESSIONAL AND PUTNAM COUNTY HEALTH DEPARTMENT AFTER INSTALLATION AND PRIOR TO BACKFILL.
3. PUTNAM COUNTY HEALTH DEPARTMENT APPROVAL IS BASED ON THE LOCATION OF THE SEWAGE SYSTEM WELL, BUILDINGS, SETBACKS, ROADS AND DRIVEWAYS, AS WELL AS, BUILDING SIZE AND USE AS SHOWN ON THE APPROVED DRAWINGS. ANY MODIFICATIONS OR REVISIONS ARE TO HAVE PRIOR PUTNAM COUNTY HEALTH DEPARTMENT APPROVAL.
4. UNAUTHORIZED MODIFICATIONS MADE TO THE DRAWINGS AFTER THE DATE OF THE PUTNAM COUNTY DEPARTMENT OF HEALTH APPROVAL VOIDS SAID APPROVAL.
5. PUTNAM COUNTY DEPARTMENT OF HEALTH APPROVAL IS BASED ON A MAXIMUM FLOW OF 4,500 GPD FOR BUILDING A AND 7,980 GPD FOR BUILDING B. AN INCREASE IN THE FLOW WILL REQUIRE PRIOR APPROVAL FROM THE DEPARTMENT.
6. WATER METERS SHALL BE INSTALLED AT EACH BUILDING AND DAILY READINGS FURNISHED TO THE PUTNAM COUNTY HEALTH DEPARTMENT EACH MONTH.
7. THE SSTS IS TO RECEIVE SANITARY WASTES ONLY. THE DISCHARGE OF INDUSTRIAL WASTES, CONTAMINATED COOLING WATER, OR OTHER DELIRIOUS SUBSTANCES INTO OR ONTO THE SURFACE OF THE GROUND IS PROHIBITED. THE PUTNAM COUNTY HEALTH DEPARTMENT RESERVES THE RIGHT OF INSPECTION OF THE PREMISED TO INSURE COMPLIANCE WITH THESE REQUIREMENTS.
8. PUTNAM COUNTY HEALTH DEPARTMENT SHALL BE PROMPTLY NOTIFIED IN THE EVENT THAT ANY WASTE OTHER THAN STRICTLY DOMESTIC SANITARY WASTES ARE PRODUCED AT THIS FACILITY.
9. OCCUPANCY OF THE BUILDINGS WILL NOT BE PERMITTED UNTIL THE CONSTRUCTION COMPLIANCE APPLICATION HAS BEEN RECEIVED AND APPROVED BY THE PUTNAM COUNTY HEALTH DEPARTMENT AND FORWARDED TO THE BUILDING INSPECTOR OF THE RESPECTIVE MUNICIPALITY AS PART OF THE CERTIFICATE OF OCCUPANCY APPLICATION.
10. AFTER BACKFILLING THE SYSTEM, THE SSTS AREA SHALL BE COVERED WITH A MINIMUM OF 6 INCHES OF TOP SOIL SEEDED AND MULCHED.
11. REMOVE ALL TREES WITHIN 10 FEET OF THE ABSORPTION SYSTEM.
12. ALL EXISTING AND/OR PROPOSED SUBSURFACE SEWAGE TREATMENT SYSTEMS AND WELLS ON NEIGHBORING PROPERTIES WITHIN 200 FEET OF THE PROPOSED SSTS AND WELL ARE SHOWN ON THE PLANS.
13. CUT OR FILL IS NOT PERMITTED IN THE SEWAGE TREATMENT AREAS, EXCEPT AS SPECIFIED ON THE PLANS.
14. ALL STONE WALLS IN AND WITHIN 10 FEET OF THE SSTS AREA SHALL BE REMOVED TO THEIR ENTIRE DEPTH AND THE RESULTING VOID REPLACED WITH SIMILAR ON SITE SOIL.
15. IF ANY PRECAST CONCRETE TANK IS DELIVERED TO THE SITE IN SECTION, IT SHALL BE DEMONSTRATED TO THE DEPARTMENT AND/OR CERTIFYING DESIGN PROFESSIONAL THAT THE TANK IS SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THIS SHALL REQUIRE AS A MINIMUM, THE FILLING OF THE TANK WITH WATER AND OBSERVING THE WATER LEVEL AFTER A 24-HOUR PERIOD TO DEMONSTRATE IF IT IS IN FACT SEALED, WATERTIGHT AND ACCEPTABLE FOR USE.
16. ALL EROSION CONTROL MEASURES FOR THE BUILDINGS, WELLS AND SSTS'S ARE TO BE INSTALLED PRIOR TO ANY CONSTRUCTION.
17. THE CONDITIONS NOTED ON THE PUTNAM COUNTY DEPARTMENT OF HEALTH LETTER OF APPROVAL ARE AN INTEGRAL PART OF THIS APPROVAL AND COMPLIANCE IS REQUIRED.
18. THIS PLAN IS APPROVED FOR SEWAGE TREATMENT AND/OR WATER SUPPLY ONLY, AND ALL OTHER PERMITS AND/OR APPROVALS ARE THE RESPONSIBILITY OF THE PERMITEE.
19. THE PUTNAM COUNTY HEALTH DEPARTMENT APPROVAL EXPIRES TWO (2) YEARS FROM THE DATE OF THE APPROVAL STAMP AND IS REQUIRED TO BE RENEWED ON OR BEFORE THE EXPIRATION DATE. THE APPROVAL IS REVOCABLE FOR CAUSE OR MAY BE AMENDED OR MODIFIED WHEN CONSIDERED NECESSARY BY THE DEPARTMENT.

Date	Description	No.
04/19/2023	REV. PER RFI 29	9
03/06/2023	REMSED BUILDING B STORM ROOF LEADERS	8
02/10/2023	REV. NEW LOT LINE / SITE GRADING & STORM	7
12/30/2022	REV.. BUILDING A UTILITIES	6
12/16/2022	REV. PER WATERSHED INSPECTOR GENERAL COMMENTS	5

Revisions

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.

STATE OF NEW YORK · MICHAEL J. FINN · 081473 · PROFESSIONAL ENGINEER
05/03/2023
Signature Date
MICHAEL J. FINNAN, PE, LEED-AP
PROFESSIONAL ENGINEER NY Lic. No. 081473

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Project: LINCOLN LOGISTICS BREWSTER
TOWN OF SOUTHEAST
PUTNAM COUNTY NEW YORK

Drawing Title: OWTS PLAN 'B'

Project No. 190065201
Date 1/28/2022
Drawn By JM/SK
Checked By CZ/MF

Drawing No. C-324
Sheet 43 of 96

PROFILES
VERTICAL SCALE: 1" = 30'
HORIZONTAL SCALE: 1" = 30'
SCALE IN FEET

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