

LEGEND	
	EXISTING PROPERTY LINE
	EXISTING WETLAND BUFFER
	EXISTING RESERVOIR BUFFER
	EXISTING 10' CONTOUR
	EXISTING 2' CONTOUR
	PROPOSED PRIMARY ABSORPTION TRENCH
	PROPOSED EXPANSION ABSORPTION TRENCH
	PROPOSED DISTRIBUTION BOX (DB)
	PROPOSED SEPTIC TANK
	PROPOSED PUMP PIT
	PROPOSED 6" HDPE ROOF DRAIN
	PROPOSED 1" CLASS 200 CIS PE WATER SERVICE LINE
	PROPOSED 2" PVC SDR 21 SEWER FORCEMAIN
	PROPOSED 2" PVC SDR 21 SEWER EXPANSION FORCEMAIN
	PROPOSED WELL
	PROPOSED 10' CONTOUR
	PROPOSED 2' CONTOUR
	PROPOSED CATCH BASIN WITH INLET PROTECTION
	PROPOSED HDPE DRAINAGE PIPE
	PROPOSED SILT FENCE
	PROPOSED CONSTRUCTION FENCE
	PROPOSED LIMITS OF DISTURBANCE
	PROPOSED TEMPORARY SOIL STOCKPILE
	PROPOSED STABILIZED CONSTRUCTION ENTRANCE

EAST SSTS AREA TEST DATA

DEEP TESTS

NOTE: NO GROUNDWATER, MOTTLING, OR ROCK ENCOUNTERED UNLESS NOTED.	
D.1:	0'-6": TOPSOIL 6"-84"+: BROWN SLIGHTLY COMPACTED FINE SAND WITH SILT AND GRAVEL
D.2:	0'-6": TOPSOIL 6"-96"+: BROWN SLIGHTLY COMPACTED FINE SAND WITH SILT AND GRAVEL
D.3:	0'-6": TOPSOIL 6"-84"+: BROWN FINE SAND AND SOME GRAVEL
D.4:	0'-6": TOPSOIL 6"-92"+: BROWN SLIGHTLY COMPACTED FINE SAND WITH SILT AND GRAVEL 78": GROUNDWATER
D.5:	0'-6": TOPSOIL 6"-84"+: BROWN SLIGHTLY COMPACTED FINE SAND WITH SILT AND GRAVEL 84": GROUNDWATER
D.6:	0'-6": TOPSOIL 6"-84"+: BROWN FINE SAND SOME SILT AND GRAVEL 84": GROUNDWATER
D.8:	0'-6": TOPSOIL 6"-90"+: BROWN FINE SAND SOME SILT AND GRAVEL
D.9:	0'-6": TOPSOIL 6"-84"+: BROWN VERY FINE SAND WITH SOME GRAVEL 84": GROUNDWATER
D.10:	0'-6": TOPSOIL 6"-90"+: BROWN MODERATELY COMPACT FINE SAND WITH SOME SILT, GRAVEL, AND ROCK TO 1'

EAST SSTS AREA DESIGN DATA:

DESIGN FLOW:	2,100 GPD
PERCOLATION RATE:	21 TO 30 MIN/IN
ABSORPTION TRENCHES:	1,750 LF EXPANSION TRENCHES REQUIRED, 1,760 LF EXPANSION TRENCHES PROVIDED.

PERCOLATION TESTS (PERFORMED 2007-2008)

P.1:	8 MIN/IN
P.2:	12 MIN/IN
P.3:	5.7 MIN/IN
P.4:	8 MIN/IN
P.5:	15 MIN/IN
P.6:	3 MIN/IN
P.8:	24 MIN/IN
P.9:	15 MIN/IN
P.10:	15 MIN/IN

PERCOLATION TESTS (PERFORMED 2020)

P.1:	5.8 MIN/IN
P.2:	15 MIN/IN
P.3:	9.6 MIN/IN
P.4:	15 MIN/IN
P.5:	7.5 MIN/IN
P.6:	4.5 MIN/IN
P.8:	30 MIN/IN
P.9:	4.2 MIN/IN
P.10:	7 MIN/IN

FORCEMAIN STREAM CROSSING NOTES:

- All erosion and sediment control measures shall be implemented to prevent any adverse impacts as a result of site erosion or sediment deposition in the watercourse during construction. In addition, a Town of Southeast Wetland Permit is also required, which also requires appropriate mitigation.
- The proposed forcemain will consist of polyethylene (PE) pressure pipe. The pipe will be bedded and backfilled with sand to minimize potential for future pipe punctures. The PE pressure pipe proposed for the sewer forcemain will be delivered in a 200' long continuous coil. The continuous length of polyethylene pipe will result in no pipe joints being located within 50' of either side of the watercourse, to substantially reduce the potential for infiltration, exfiltration, or leaks from the forcemain and subsequent contamination of the onsite watercourse.
- The contractor shall pressure test the sewer forcemain after installation and prior to it being put into service to ensure there are no leaks. The testing will be completed with the intent of mitigating any potential impacts to the onsite watercourse or water supply as a result of pipe defects or construction damage.
- The installation shall provide a minimum of 5' of cover within 50' of the onsite watercourse to provide increased vertical separation between the forcemain and the watercourse to further mitigate against potential contamination.
- A 4" diameter sleeve shall be provided for the sewer forcemain within 50' of either side of the watercourse. If any future repairs to the forcemain become necessary, the sleeve will provide access to the portion of the forcemain under the watercourse without the need for excavation within the 50' limiting distance.
- In an effort to prevent any breaks or damage to the forcemain as a result of potential future excavation activities in the vicinity of the pipe, two layers of underground magnetic marking tape will be placed above the forcemain at depths of 1.5' and 3'.

MATCHLINE TO DRAWING CD-2

3	8-26-20	ISSUED FOR CONSTRUCTION	EJP
2	6-25-20	REVISED FOR PCDOH APPROVAL	EJP
1	6-17-20	REVISED PER PCDOH COMMENTS	EJP
NO.	DATE	REVISION	BY
INSITE ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.			
PROJECT: STATELINE - RESTAURANT DEPOT U.S. ROUTE 8, TOWN OF SOUTHEAST, PUTNAM COUNTY, NEW YORK DRAWING: EAST SIDE SSTS PLAN			
PROJECT NUMBER	20174.100	PROJECT MANAGER	J.J.C.
DATE	5-1-20	DRAWN BY	E.J.P.
SCALE	1" = 30'	CHECKED BY	Z.M.P.
DRAWING NO.	CD-3		
SHEET	3		