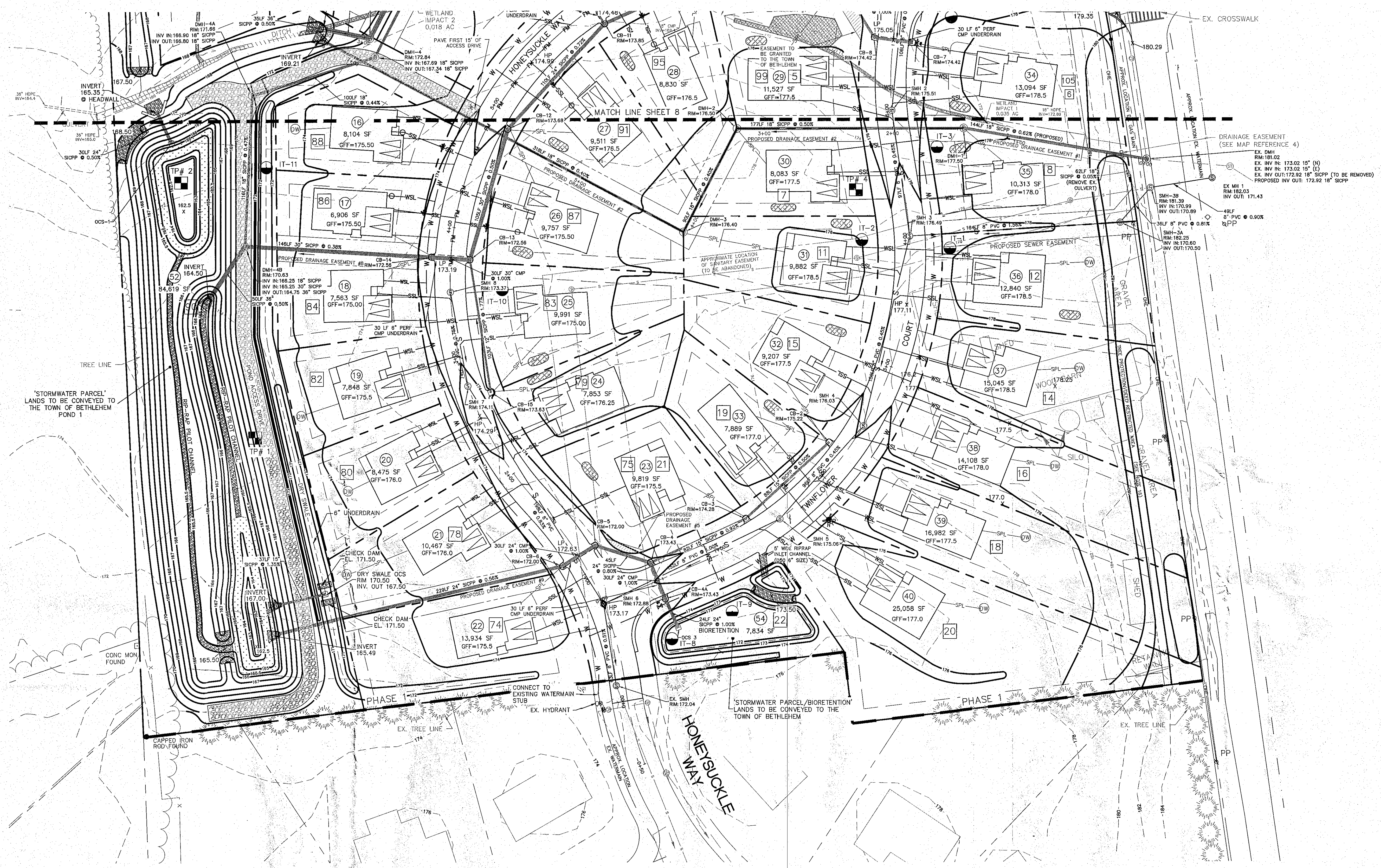




TEST PIT DATA

SOIL TEST PITS OBSERVED BY INGALLS AND ASSOCIATES, LLP ON 7/30/14

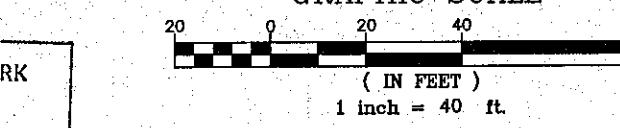
- TP#1 0-10" BROWN LOAM TOPSOIL 10-24" BROWN SAND 48-84" GRAY/BROWN MOTTLED SANDY SILT 84-96" GRAY CLAY/SILT WATER SEEP @ 6"
- TP#2 0-10" BROWN LOAM TOPSOIL 10-24" YELLOW/BROWN SILT 24-84" RED/GRAY CLAY (VARIABLE CLAY/SILT) PERCHED GROUNDWATER @ 24" WATER SEEP @ 6"
- TP#3 0-10" BROWN LOAM TOPSOIL 10-60" BROWN/GRAY VARIED CLAY/SILT MOTTLED TO SURFACE WATER SEEP @ 5"
- TP#4 0-8" BROWN LOAM TOPSOIL 8-66" SILT SAND W/ OCCASIONAL MOTTLES 66-84" BROWN/GRAY COMPACT SILT WATER SEEP @ 66"
- TP#5 0-10" BROWN LOAM TOPSOIL 10-24" BROWN SILT W/ OCCASIONAL MOTTLES 24-84" VARIED RED/GRAY DENSE CLAY/SILT WATER SEEP @ 5"
- TP#6 0-10" BROWN LOAM TOPSOIL 10-60" BROWN SILT W/ OCCASIONAL MOTTLES 60-96" RED/BROWN CLAY WATER SEEP @ 5"
- TP#7 0-10" BROWN LOAM TOPSOIL 10-72" BROWN SILT 72-84" TIGHT GRAY SILT LAYER OF BROWN/GRAY CLAY/SILT @ 3' WATER SEEP @ 6"
- TP#8 0-10" BROWN LOAM TOPSOIL 10-42" BROWN GRAVELLY SILT 42" TIGHT GRAY SILT GROUNDWATER OBSERVED @ 48"

INFILTRATION TEST DATA

SOIL TEST PERFORMED BY INGALLS AND ASSOCIATES, LLP ON 5/06/15

- IT #1* - (1) 10 MIN 00 SEC, (2) 10 MIN 10 SEC, (3) 10 MIN 00 SEC
- IT #2* - (1) 10 MIN 20 SEC, (2) 11 MIN 00 SEC, (3) 11 MIN 10 SEC
- IT #3* - (1) 6 MIN 00 SEC, (2) 6 MIN 20 SEC, (3) 6 MIN 15 SEC
- IT #4* - (1) 14 MIN 00 SEC, (2) 14 MIN 30 SEC, (3) 14 MIN 45 SEC
- IT #5* - (1) 13 MIN 00 SEC, (2) 13 MIN 40 SEC, (3) 14 MIN 00 SEC
- IT #6* - (1) 6 MIN 00 SEC, (2) 7 MIN 00 SEC, (3) 7 MIN 10 SEC
- IT #7* - (1) 7 MIN 00 SEC, (2) 7 MIN 20 SEC, (3) 7 MIN 30 SEC
- IT #8* - (1) 25 MIN 00 SEC, (2) 26 MIN 00 SEC, (3) 26 MIN 30 SEC
- IT #9* - (1) 29 MIN 00 SEC, (2) 30 MIN 45 SEC, (3) 31 MIN 00 SEC
- IT #10* - (1) 6 MIN 00 SEC, (2) 6 MIN 20 SEC, (3) 6 MIN 30 SEC
- IT #11* - (1) 11 MIN 00 SEC, (2) 11 MIN 45 SEC, (3) 12 MIN 00 SEC
- IT #1 THRU #7, #10 & #11 CONDUCTED AT 18" BELOW EX. GRADE
- IT #8 & #9 CONDUCTED AT 36" BELOW EX. GRADE

*DATA REFLECTS THE TIME FOR WATER TO DROP 1"



PLANNING BOARD
TOWN OF BETHLEHEM
ALBANY COUNTY, NEW YORK
By direction of the Chairman,
These drawings are hereby approved.
See sheet(s) 8, 10, 11
for date and signature

BETHLEHEM PLANNING BOARD APPROVAL

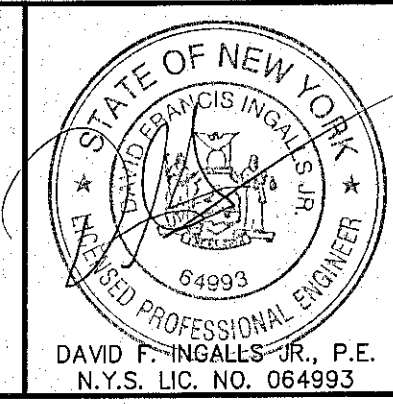
ALBANY COUNTY DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH SERVICES
By direction of the Commissioner of Health, these
plans are hereby approved. See first sheet for
date and signature.

ALBANY COUNTY DEPARTMENT APPROVAL

NO.	DATE	REVISIONS	BY
7	11/16/15	REVISED PER TOWN COMMENTS	PJY
6	10/16/15	REVISED PER TOWN COMMENTS	PJY
5	9/11/15	REVISED PER TOWN COMMENTS	PJY
4	8/13/15	REVISED PER TOWN & TDE COMMENTS	PJY
3	8/19/15	REVISED PER TOWN & TDE COMMENTS	PJY
2	3/5/15	REVISED PER TOWN & TDE COMMENTS	PJY
1	9/23/14	REVISED PER TOWN & TDE COMMENTS	PJY

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ingalls
ingalls & associates, LLP
engineering, environmental, surveying
2803 GUILDERLAND AVENUE
SCHENECTADY, N.Y. 12306
PHONE: (518) 393-7725
FAX: (518) 393-2324

GRADING & UTILITY PLAN 2 NEWELL PLACE WEMPLE ROAD TOWN OF BETHLEHEM ALBANY COUNTY STATE OF NEW YORK	
DATE: JUNE 9, 2014	CHECKED BY: DFI JOB NO. 11-038
DRAWN BY: PJY CADD FILE: 11038DF	SCALE: 1" = 40' SHEET 9 OF 27