DRAINAGE SCHEDULE

STRUCTURE	RIM	INVERT
CB 1	648.20	644.70 (OUT)
CB 2	642.00	638.10 (IN & OUT)
CB 3	625.00	621.50 (IN & OUT)
CB 3A	625.00	621.30 (IN & OUT)
CB 4	632.50	629.00 (IN & OUT)
CB 5	636.80	633.30 (OUT)
CB 6	644.00	637.65 (IN & OUT)
CB 7	643.00	638.45 (IN & OUT)
CB 8	645.50	641.55 (IN & OUT)
CB 9	650.37	646.25(IN & OUT)
CB 10	650.37	646.75(OUT)
DMH 1	615.00+/-	603.00 (IN & OUT)
DIVMH 1	643.00+/-	635.80 (OUT TO CDS 1) 636.25 (IN FR. CB 7) 635.80 (OUT EXISTING DMH) 638.20(WEIR ELEV.) 636.25 (IN FR. CB 6)
DIVMH 2	626.75	620.08 (IN FR. CB 3A) 618.00 (OUT TO CDS 2) 618.00 (OUT TO DMH 1) 620.20 (WEIR ELEV.)
CDS 1	642.00+/-	635.70 (IN) 635.60 (OUT)
CDS 2	626.00+/-	617.90 (IN) 617.80 (OUT)
CB 11	646.00+/-	642.50 (OUT)
YD 1	632.00	629.50

EXISTING PARKING SPACES = 239
PARKING SPACES REMOVED = 4
PROPOSED PARKING SPACES = 75
TOTAL = 310

PROPOSED PARKING & DRIVEWAY IMPROVEMENTS

N/F
NINTH JAM DEVELOPMENT , LLC

PROVIDE 2' GRASS FOR SNOW STORAGE STRIP BETWEEN DRIVE AND SIDEWALK

3 STORY OFFICE BUILDING

GLASS BUILDING

PROPOSED TREE (REFER TO SHEET L-2 FOR FURTHER DETAIL)

PROPOSED CONCRETE ASPHALT SIDEWALK (TYP.)

N/F
COUNTY OF PUTNAM

YD 1

8" DIA. PVC

CB # 3

CB # 3A

CB # 4

DIV. MH # 2

CB # 5

CB # 6

CB # 7

CB # 8

CB # 9

CB # 10

CB # 11

DIVMH 1

CDS 1

NO EXCAVATION PERMITTED WITHIN 25' OF POLES

PROPOSED INFILTRATION SYSTEM #2
- 5 ROWS CULTEC CONTACTOR 330 XLHD
- 40 UNITS TOTAL
(REFER TO DETAILS / SECTION)

PROP. INFILTRATION SYSTEM #1
- 6 ROWS CULTEC CONTACTOR 330 XLHD
- 78 UNITS TOTAL
(REFER TO DETAILS / SECTION)

SWQB # 4A

SWQB #4

S16°50'33"W 365.00'

S17°10'05"W 291.36'

S6°23'12"E 2263.47'

N/F & NYSEG

EXISTING TRANSMISSION LINE SUPPORT POLE (TYP.)

EXISTING 115 KV TRANSMISSION LINES

HP x EL. = 652.62'

N/F
HIGHLANDS CENTER, LLC

BUILDING 4
14,646 S.F.
FF = 592.0

APPLEBEE'S
FF = 592.0
4,738 S.F.

N/F TOWN OF SOUTHEAST

N/F NYSEG L543 cp146

INDEPENDENT WAY

NEW YORK STATE ROUTE 312 (LANDS OF THE STATE OF NEW YORK)

N.Y.S. ROUTE 312

INTERSTATE 84 EASTBOUND

INTERSTATE 84

DEEP TEST RESULTS

Test Pit No.	Depth to:	Description
1	24"	No Topsoil Dark brown fine sand and silt loam
	60"	Yellow brown fine sand and silt, compact dry, no mottling
2	3"	Topsoil
	30"	Yellow brown fine sand and silt loam
	84"	Dark yellow brown fine sand and silt, trace fine gravel, trace cobble to 6" dry, no mottling
3	8"	Topsoil
	30"	Yellow brown fine sand and silt
	90"	Dark yellow/brown fine sand and silt, trace fine gravel, trace cobble to 12" dry, No mottling
4	8"	Topsoil
	30"	Yellow brown fine sand and silt
	90"	Dark yellow brown fine sand and silt, compact boulders dry

Deep Test Date: November, 2013
Engineer: Joseph J. Banchynski, P.E.; Bibbo Associates, LLP

DEEP TEST RESULTS

Test Pit No.	Depth to:	Description
1A	10"	Topsoil
	36"	Dark brown fine sand and silt
	96"	Compact dark yellow/brown fine sand and silt, traces of fine gravel
	108"	Dark brown fine sand and silt, traces of fine gravel and clay No Rock No Mottling
2A	10"	Topsoil
	36"	Red brown fine sand and silt loam
	108"	Moderately compact brown fine sand and silt, w/ cobbles No Rock No Mottling

Deep Test Date: July 19, 2018
Engineer: Joseph J. Banchynski, P.E.; Bibbo Associates, LLP

INFILTRATION TESTS PERFORMED ON 11/26/13 & 7/19/18 BY BIBBO ASSOCIATES, LLP AND WITNESSED BY J.M. ROCHE (NYCDEP) & J COPPOLLA (NYCDEP).

P-1: 28 MIN./ IN.
P-2: 35 MIN./ IN.
P-1A: 6.7 MIN./IN.
P-2A: 4.4 MIN./IN.

NOTE: REPORTED INFILTRATION RATES AREA BASED ON AVERAGE OF FIELD MEASURED RATES. REFER TO PROJECT SWPPP FOR DETAILED TEST RESULTS.

NOTES

1) THE PROPOSED PARKING SHOWN HEREON IS INTENDED TO SERVE BOTH THE OCCUPANTS OF SOUTHEAST EXECUTIVE PARK AND VISITORS OF THE PROPOSED INDEPENDENT WAY PARK DURING EVENTS REQUIRING OVERFLOW PARKING . THE PARKING AREAS, CONNECTING DRIVEWAY AND STAIRWAYS WILL BE CONSTRUCTED BY NINTH JAM DEVELOPMENT, LLC

2) THE PROPOSED STORMWATER PRACTICES AND PARKING IMPROVEMENTS SHOWN HEREON WILL BE SUBJECT TO THE FORMATION OF EASEMENTS WITH THE TOWN OF SOUTHEAST AND NYS ELECTRIC AND GAS CORPORATION.

Infiltration System # 1
30.50' W X 94.50' L X 3.54' H
1 1/2" DIA. Crushed Stone Pad
78 Cultec Recharger 330XLHD Infiltrators
546' total effective length

Infiltration System # 2
25.67'W x 59.50'L x 3.71'H
1 ¼" DIA. 2-" DIA. Crushed Stone Pad
40 Cultec Recharger 330 XLHD Infiltrators
280' total effective length

PLAN
GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

UNAUTHORIZED ALTERATIONS AND ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.

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REVISIONS						
9/04/18	REVISED PER TOWN COMMENTS	DK/JB				
8/31/18	REVISED PER NYCDEP COMMENTS	DK/MC				
5/11/18	REVISED FOR NYCDEP SUBMISSION	DK/MC				
DATE:	DESCRIPTION	BY/CK	DATE:	DESCRIPTION		BY/CK

STATE OF NEW YORK
SABRI BARISSER
LICENSED PROFESSIONAL ENGINEER
075545
SABRI BARISSER P.E.

PARKING AREA ADDITIONS & DRIVEWAY EXTENSION PLAN

SOUTHEAST EXECUTIVE PARK

185 ROUTE 312
TOWN OF SOUTHEAST, PUTNAM COUNTY, NY

BIBBO ASSOCIATES, LLP
293 ROUTE 100 SUITE 203
SOMERS, NEW YORK 10589
TEL. 914 277 5805

DATE:	03-05-18
SCALE:	1" = 50'
FILE:	
DSGN / CHK:	JB / SB
DRN. BY:	DK
SHT NO.	3 OF 10
DWG NO.	**SP-1**