1 SITE PLAN – GRADING AND UTILITY PLAN
SCALE: 1" = 30'-0"

NAD83

GRAPHIC SCALE
(IN FEET)
1 inch = 30 ft.
30 0 15 30 60 120

PINEBROOK DRIVE

VIOLET AVENUE (NYS 9G)

EAST DORSEY LANE (C.R. 40)

STORM STRUCTURE 6
DRAINAGE MANHOLE
H-20 5' DIA
SOLID COVER ELEV=273.5
12" INV IN = 262.9
12" INV OUT = 262.9

STORM STRUCTURE 5
DRAINAGE MANHOLE
H-20 5' DIA
SOLID COVER ELEV=274.5
12" INV IN = 262.5
12" INV OUT = 262.3

126 LF 12"ø HDPE (N12) @ 0.5%

64 LF 12"ø HDPE (N12) @ 0.5%

143 LF 12"ø HDPE (N12) @ 0.5%

STORM STRUCTURE 4
CATCH BASIN H-20 2.5'X4'
GRATE ELEV = 271.2
12" INV IN = 261.7
12" INV OUT = 261.7

STORM STRUCTURE 7
CATCH BASIN H-20 2.5'X4'
GRATE ELEV = 270.0
2-2' WIDE X 6" HIGH GRATED SIDE OPENINGS;
INV = 269.0
2-2' WIDE X 12" HIGH, SIDE OPENINGS WITH TRASH RACK
GRATE; INV = 266.5
12" INV OUT = 263.5

TOP OF FILL PAD

SANITARY ABSORPTION FIELD FOR PRIMARY

SANITARY ABSORPTION FIELD (FOR EXPANSION/REPLACEMENT) TO BE CONSTRUCTED IN FUTURE IF NEEDED

STORM STRUCTURE 10
CULVERT
DUAL 12" INV OUT (RCP) = 270.3

BIORETENTION A
2600 SF

2-20' @ 2.5%

STORM STRUCTURE 3
CATCH BASIN H-20 2.5'X4'
GRATE ELEV = 269.5
12" INV IN = 261.5
24" INV OUT = 260.5

133 LF 12"ø HDPE (N12) @ 0.5%

PROPOSED 1 -STORY BUILDING WITH BASEMENT

BURIED FIRE WATER TANK

BURIED WATER TANK

WELL

SANITARY FORCEMAINS (DUAL PIPES)

STORM STRUCTURE 1
CATCH BASIN H-20 2.5'X4'
GRATE ELEV = 269.5
24" INV IN = 259.3
24" INV OUT = 259.3

336 LF 24"ø HDPE (N12) @ 0.5%

203 LF 24"ø HDPE (N12) @ 0.5%

STORM STRUCTURE 8
CATCH BASIN H-20 2.5'X4'
GRATE ELEV = 265.5
15" INV OUT = 261.0

SANITARY PUMP STATION H-20
(UNDERDRAIN 6"ø (TYP.)
INV. 258.5

SANITARY SEPTIC TANK H-20

FLARED END OUTLET
15"ø INV OUT = 260.75

80 LF 15"ø HDPE (N12) @ 0.5%

STORM STRUCTURE 9
CATCH BASIN H-20 2.5'X4'
GRATE ELEV = 265.5
15" INV OUT = 262.5

FLARED END OUTLET
15"ø INV OUT = 262.0

BIORETENTION B
3600 SF

TOP OF BERM (108) 262

50'

DETENTION BASIN

FLARED END OUTLET
24"ø INV OUT = 258.0

FLARED END INLET
18"ø INV IN = 257.5

BIO B CATCH BASIN 24"ø
GRATE ELEV = 260.5 (6" ABOVE PLANTING BED)
24" INV OUT = 257.5

FLARED END OUTLET
18"ø INV OUT = 257.0

LEVEL SPREADER 2' HIGH BERM MADE OF 2' STONE CORE WITH 6" TO 9" STONES OVER CORE STACKED

DEAD, DYING, DISEASED AND DAMAGED TREES MAY BE REMOVED DURING ALLOWED PERIODS (APRIL 15 - OCTOBER 15) WITH PRIOR APPROVAL BY THE TOWN. TREES IN IMMINENT RISK OF FALLING CAN BE REMOVED AS NEEDED FOR SAFETY

SP-03

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File:

Date: 10-28-20 Job: HVH01

Scale: 1" = 30'-0"

REVISIONS	
PER TOWN COMMENTS	11/03/20
ADD WET AREA	11/30/20
PER TOWN COMMENTS	01/19/21
PER TOWN COMMENTS	02/16/21

Hudson Valley Hospice House
542 Violet Avenue (NYS 9G) Hyde Park, New York
Tax Parcels: 133200-6163-02-552748 & 570735

Owner/Applicant
Hudson Valley Hospice
374 Violet Avenue, Poughkeepsie, NY 12601

SITE PLAN – GRADING AND UTILITY PLAN

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