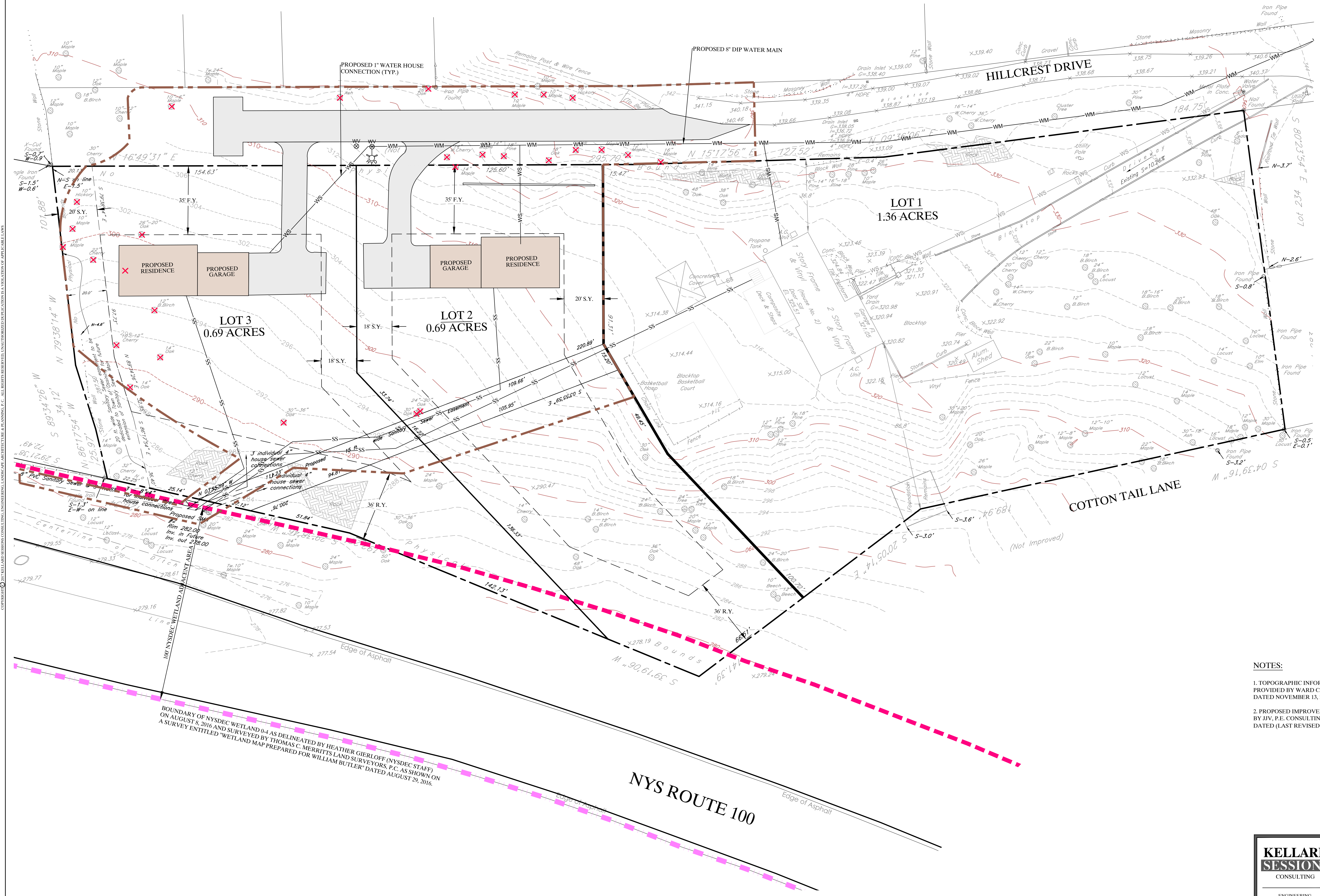


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SITE DATA

SITE LOCATION:	2 HILLCREST DRIVE OSSINING, NY 10562
OWNER/APPLICANT:	WILLIAM BUTLER
SITE AREA:	2.54 ACRES
ZONING DISTRICT:	R-30

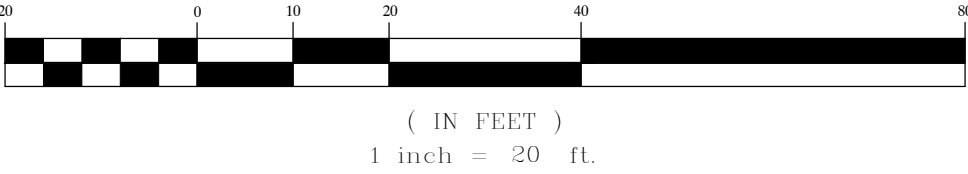
TREES TO BE REMOVED

1. 24" OAK
2. 30" OAK
3. 30" OAK
4. 14" OAK
5. 14" OAK
6. 10" CHERRY
7. 12" B. BIRCH
8. 30" OAK
9. 22" CHERRY
10. 16" MAPLE
11. 10" MAPLE
12. 10" HICKORY
13. 26" OAK
14. 10" MAPLE
15. 12" ASH
16. 26" OAK
17. 14" W. CHERRY
18. 10" HICKORY
19. 14" MAPLE
20. 12" MAPLE
21. 18" PINE
22. 18" OAK
23. 28" OAK
24. 14" MAPLE
25. 12" MAPLE
26. 16" MAPLE
27. 10" MAPLE
28. 10" MAPLE
28 TREES TO BE REMOVED

NOTES:

1. TOPOGRAPHIC INFORMATION AS SHOWN ON THIS PLAN WAS PROVIDED BY WARD CARPENTER ENGINEERS, INC. FROM A MAP DATED NOVEMBER 13, 2013.
2. PROPOSED IMPROVEMENTS SHOWN TAKEN FROM A MAP PREPARED BY JIV, P.E. CONSULTING ENGINEERING AND SITE DEVELOPMENT DATED (LAST REVISED) SEPTEMBER 3, 2015.

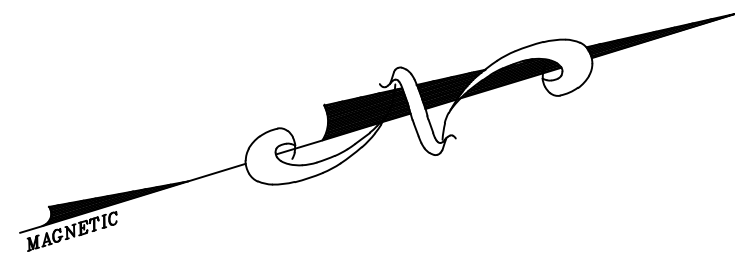
GRAPHIC SCALE



KELLARD SESSIONS CONSULTING	PREVIOUS THREE (3) - LOT SUBDIVISION LAYOUT WILLIAM BUTLER SUBDIVISION																							
	TOWN OF OSSINING	WESTCHESTER COUNTY, NEW YORK																						
ENGINEERING, LANDSCAPE ARCHITECTURE PLANNING, P.C.	<table><tr><td>10</td><td rowspan="5">1</td><td rowspan="5">12</td></tr><tr><td>9</td></tr><tr><td>8</td></tr><tr><td>7</td></tr><tr><td>6</td></tr><tr><td>5</td><td colspan="2">PROJECT I.D.: BLR100</td></tr><tr><td>4</td><td colspan="2">DATE: APRIL 10, 2017</td></tr><tr><td>3</td><td colspan="2">REVISIONS</td></tr><tr><td>2</td><td colspan="2">OCTOBER 10, 2017 - ZBA COMMENTS</td></tr><tr><td>1</td><td colspan="2">JUNE 13, 2017</td></tr></table>		10	1	12	9	8	7	6	5	PROJECT I.D.: BLR100		4	DATE: APRIL 10, 2017		3	REVISIONS		2	OCTOBER 10, 2017 - ZBA COMMENTS		1	JUNE 13, 2017	
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4	DATE: APRIL 10, 2017																							
3	REVISIONS																							
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590 MAIN STREET ARMONK, N.Y. 10504 P: (914) 275-2323 F: (914) 275-2329 WWW.KELLARDS.COM																								

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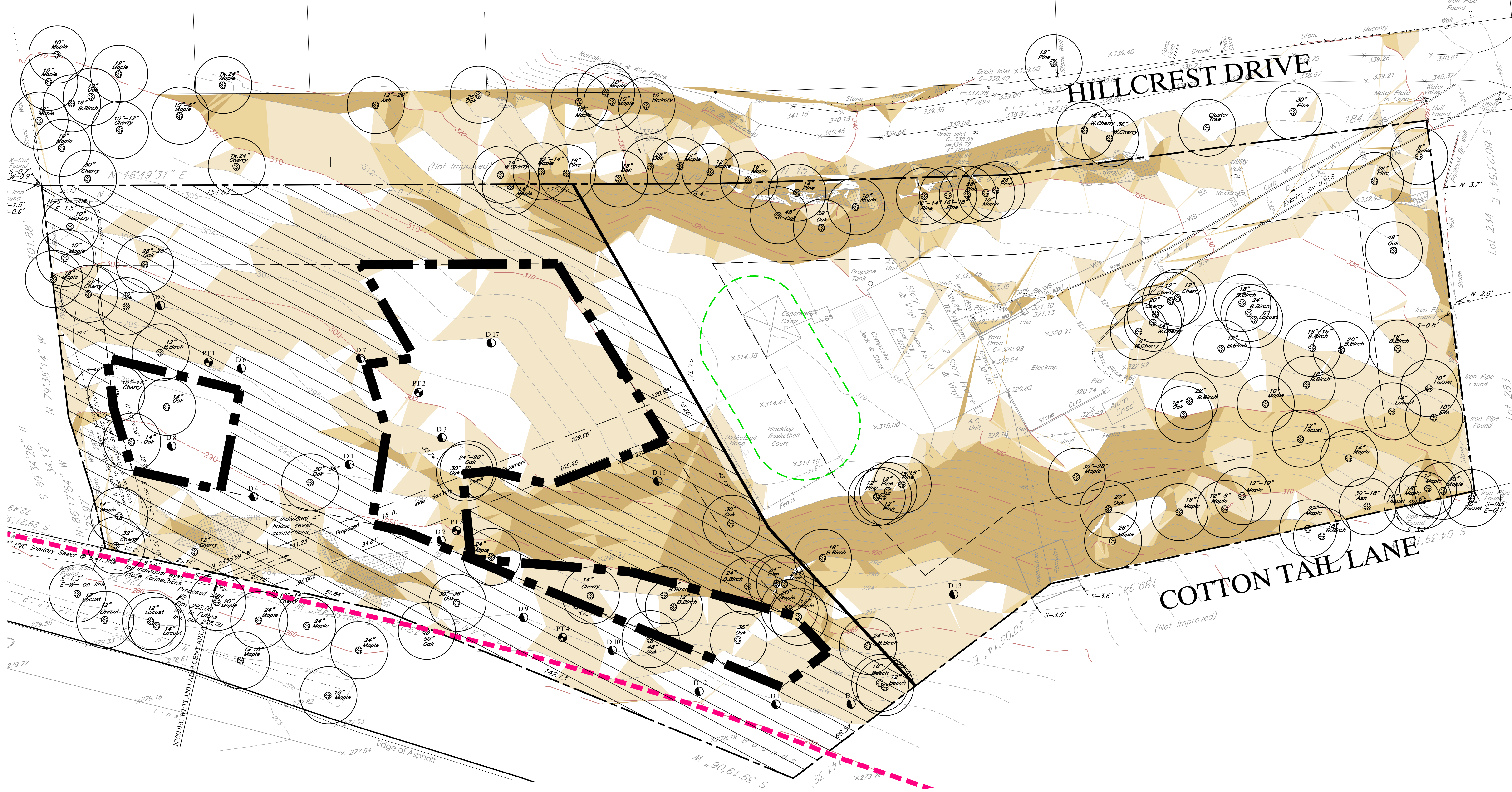
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Point of View
Fence

DEER
TRAIL

APPROXIMATE
LOCATION OF
EXISTING HYDRANT



LEGEND

- EXISTING PROPERTY LINE
- SLOPES 15-25%
- SLOPES 25-35%
- SLOPES GREATER 35%
- PROPOSED PROPERTY LINE
- SETBACK LINE
- APPROXIMATE LOCATION OF EXISTING SEPTIC SYSTEM
- POTENTIAL HOUSE DEVELOPMENT AREA
- DEEP TEST LOCATION
- PERCOLATION TEST LOCATION
- EXISTING TREE

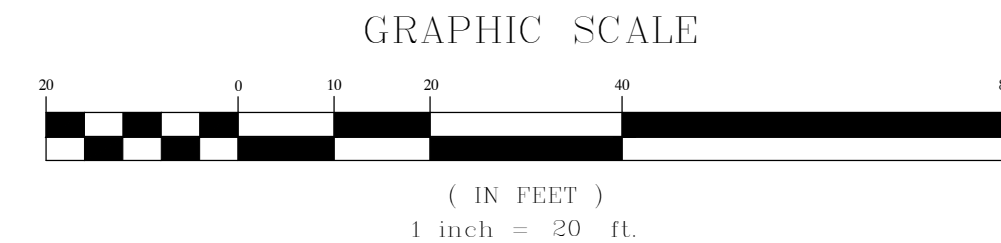
NOTES:

1. TOPOGRAPHIC INFORMATION AS SHOWN ON THIS PLAN WAS PROVIDED BY WARD CARPENTER ENGINEERS, INC. FROM A MAP DATED NOVEMBER 13, 2013.

DEEP TEST PIT RESULTS			3/22/2017
TEST PIT	DEPTH FROM SURFACE (INCH)	SOIL DESCRIPTION	
TP-1	0'-8" 8'-24" 24'-50"	TOPSOIL SILTY LOAM SILTY CLAY LOAM LEDGE @ 50"	
TP-2	0'-8" 8'-18" 18'-78"	TOPSOIL SILTY SANDS SILTY W/ COBBLES LEDGE @ 78"	
TP-3	0'-6" 6'-24" 24'-66"	TOPSOIL SILTY SANDS TIGHT COMPACT GRAY/TAN SILTY LOAM LEDGE @ 66"	
TP-4	0'-6" 6'-24" 24'-60"	TOPSOIL SILTY SANDS TIGHT COMPACT GRAY/TAN SILTY LOAM LEDGE @ 60"	
TP-5	0'-6" 6'-20" 20'-72"	TOPSOIL SANDY LOAM GRAY SILTY SANDS W/ COBBLES AND BOULDERS LEDGE @ 72"	
TP-6	0'-6" 6'-20" 56'-84"	TOPSOIL GRAY SILTY SANDS W/ COBBLES AND BOULDERS WATER SEEP	
TP-7	0'-6" 6'-48" 65'-84"	TOPSOIL TIGHT COMPACT SANDY SILTS MEDIUM FINE SANDS LEDGE SLOPES	
TP-8	0'-6"	TOPSOIL LEDGE @ 36"	

TP-9	0'-6" 6'-36" 36'-96"	TOPSOIL SANDY LOAM MIX SANDS AND GRAVEL (BANKRUN)
TP-10	0'-6" 6'-24" 24'-70"	TOPSOIL SANDY LOAM FINE SANDS LEDGE @ 70"
TP-11	0'-18" 18'-42" 42'-102"	TOPSOIL SANDY LOAM GRAY/BROWN MIX SANDS NO LEDGE, NO WATER
TP-12	0'-12" 12'-24" 24'-108"	TOPSOIL SANDY LOAM GRAY FINE TO MEDIUM SANDS NO LEDGE, NO WATER
TP-13	0'-6"	TOPSOIL WATER SEEP @ 30"
TP-14	0'-28" 28'-40"	TOPSOIL SILTY LOAM CLAY WATER SEEP @ 40"
TP-15	0'-6" 6'-24" 24'-96"	TOPSOIL SANDY LOAM MEDIUM FINE SANDS W/ STONES
TP-16	0'-6" 6'-20" 20'-84"	TOPSOIL SANDY LOAM FINE SANDS W/ SILTS W/ STONES
TP-17	0'-6" 6'-24" 24'-92"	TOPSOIL SANDY LOAM MEDIUM FINE SANDS W/ STONES, BOULDER AND BROKEN ROCKS LEDGE @ 92"

PERCOLATION TEST RESULTS		3/22/17
PERC HOLE #	PERC RATE	
P1	6.0 MIN/INCH	
P2	6.67 MIN/INCH	
P3	15.0 MIN/INCH	
P4	2.0 MIN/INCH	



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SITE FEATURES AND OPPORTUNITIES PLAN WILLIAM BUTLER SUBDIVISION

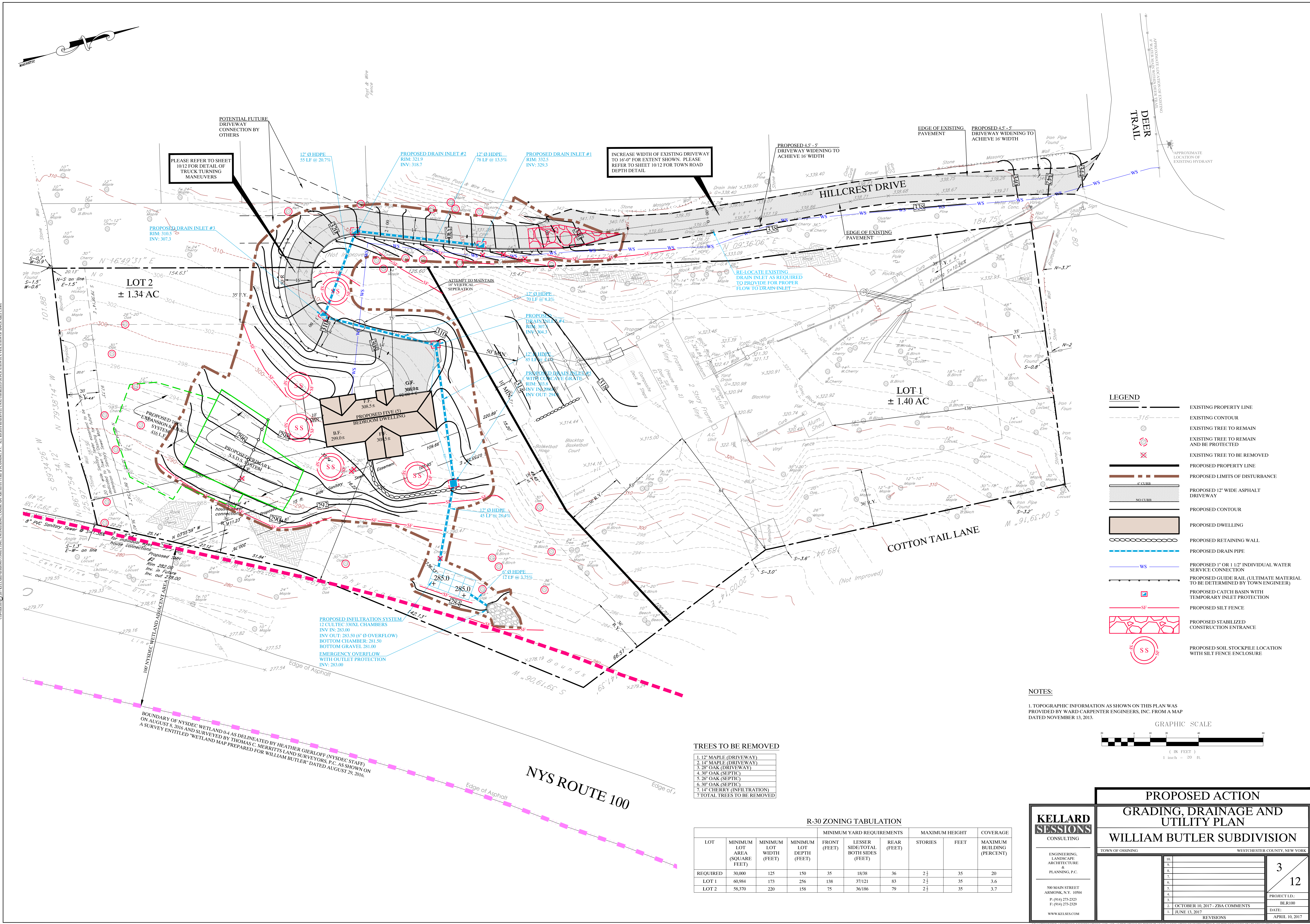
TOWN OF OSSING WESTCHESTER COUNTY, NEW YORK

NO.	REVISIONS	DATE	PROJECT I.D.
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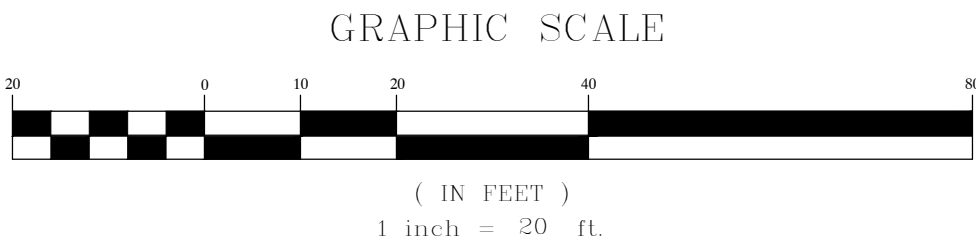
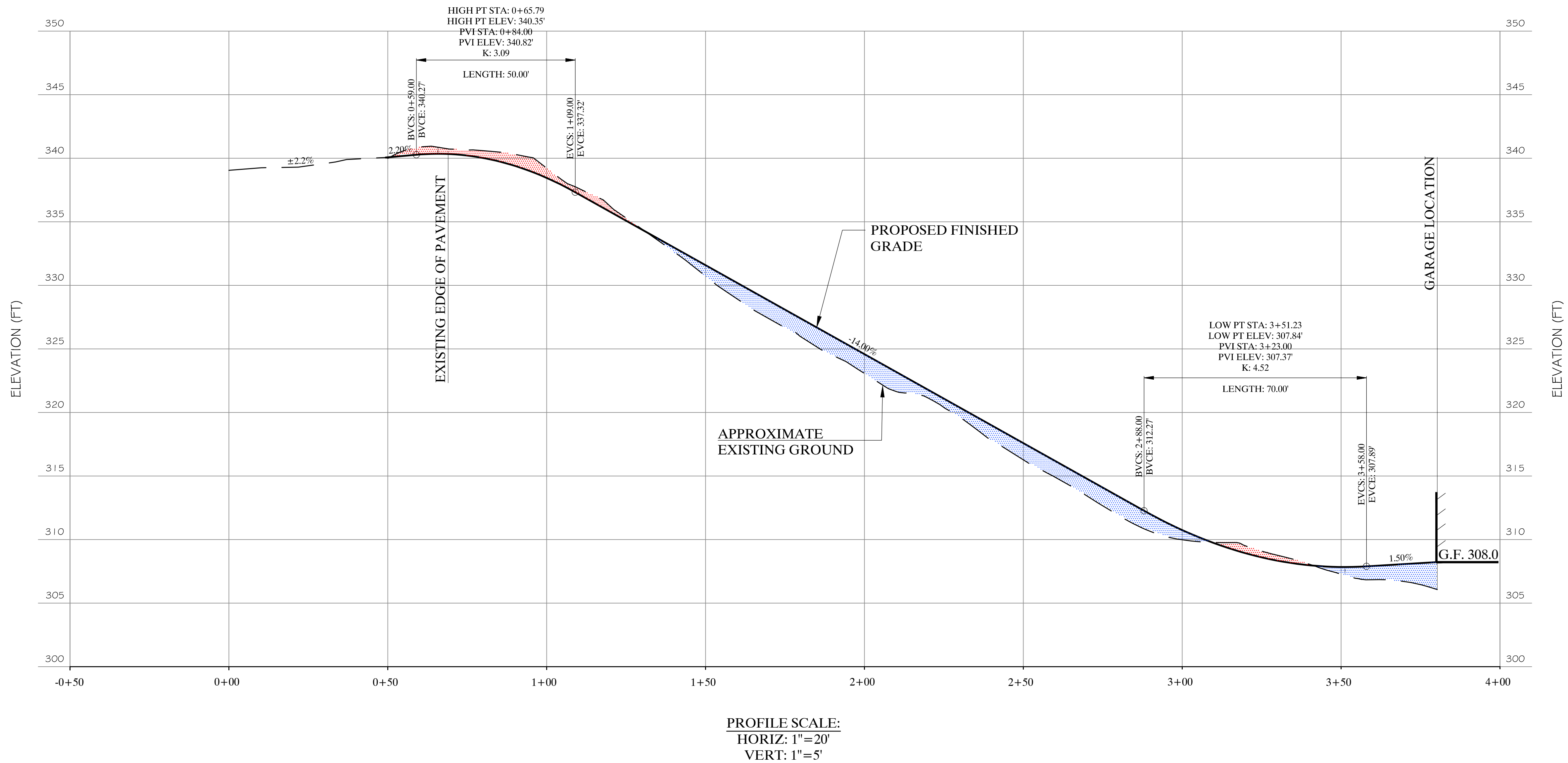
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PROJECT I.D.:
BLR100
DATE:
APRIL 10, 2017

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PROPOSED ACTION

DRIVEWAY PROFILE

WILLIAM BUTLER SUBDIVISION

TOWN OF OSSININGWESTCHESTER COUNTY, NEW YORK

06
05
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PROJECT I.D.:
BLR100

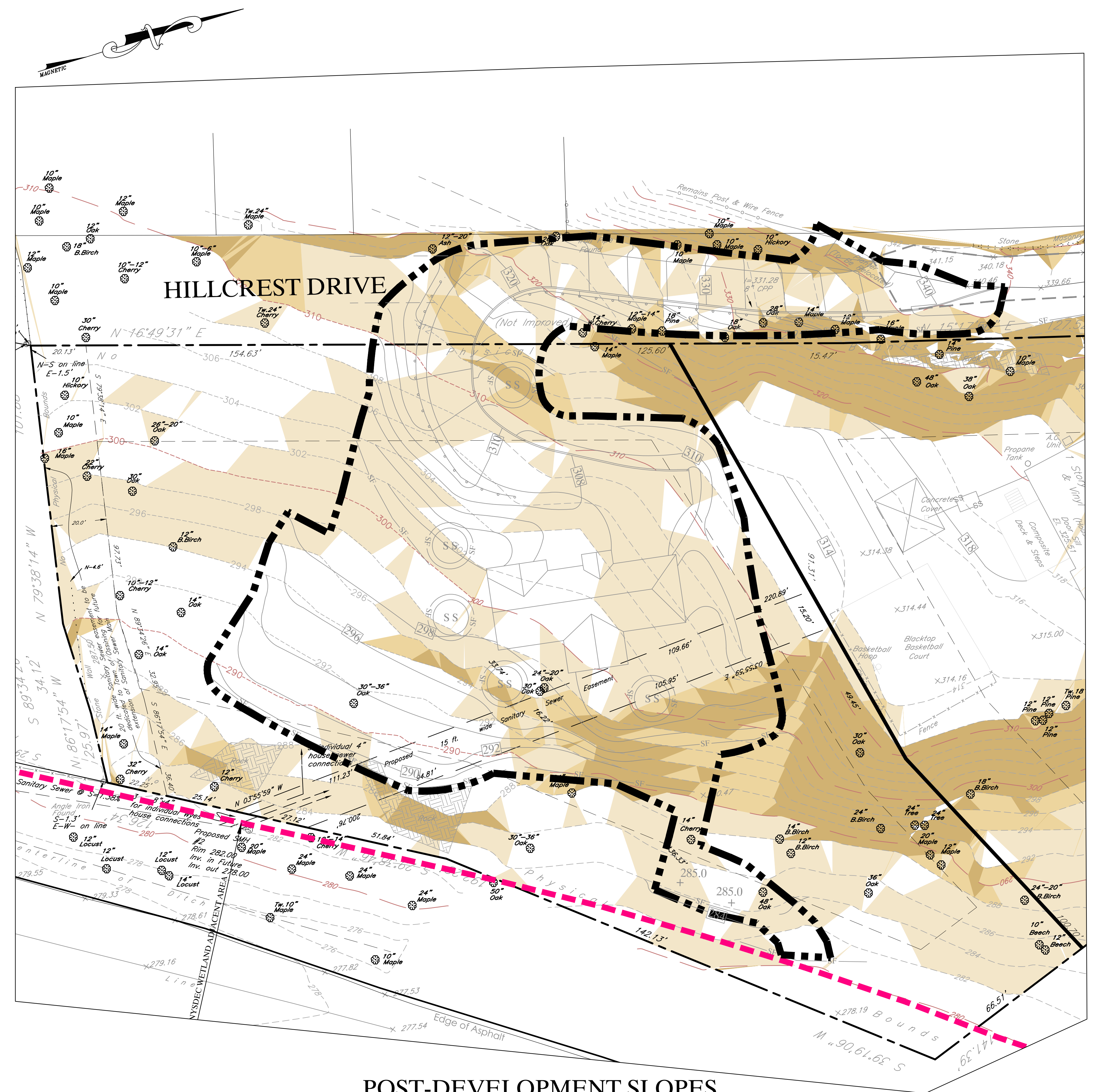
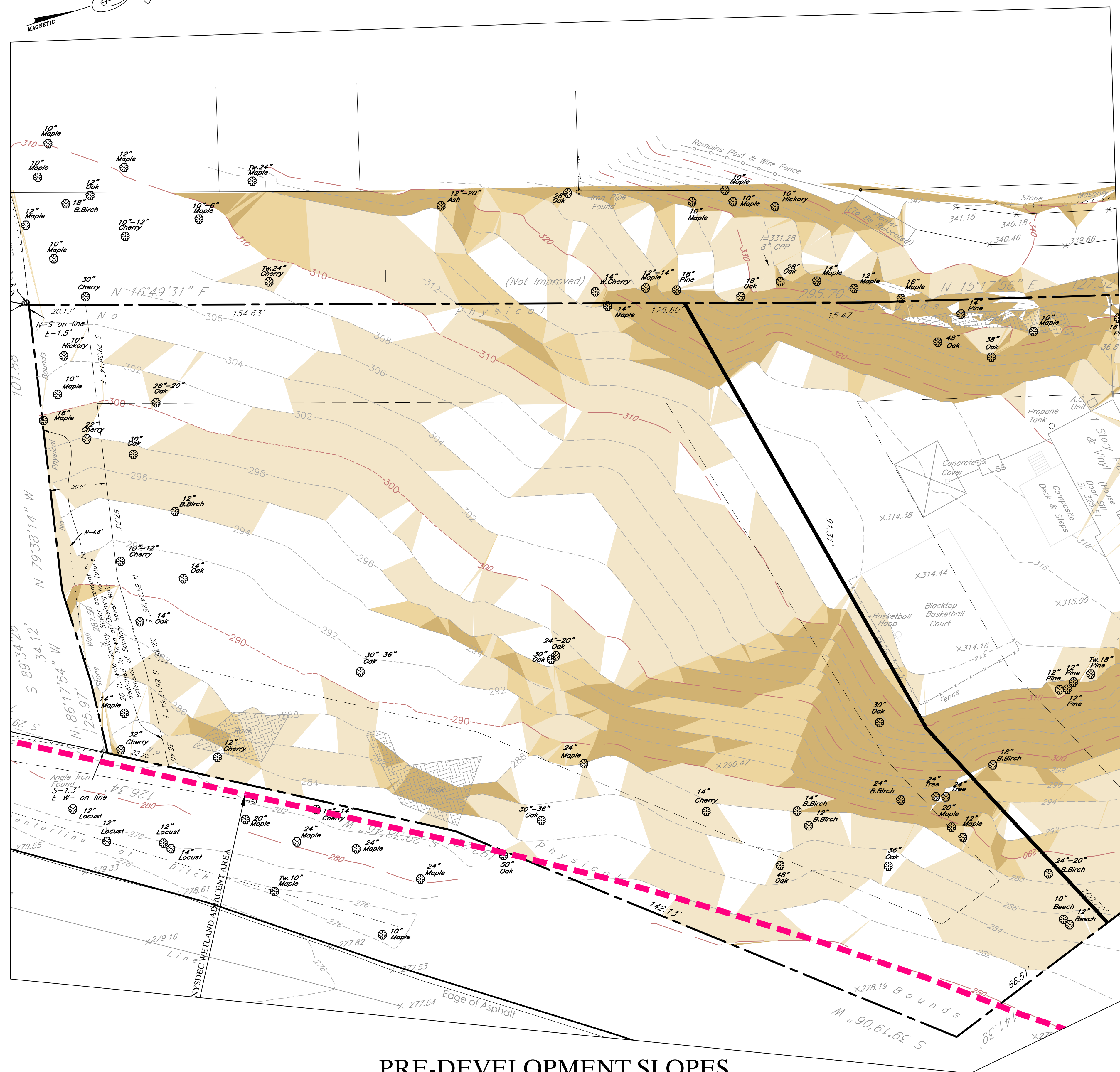
DATE:
APRIL 10, 2017

2. OCTOBER 10, 2017 - ZBA COMMENTS

1. JUNE 13, 2017

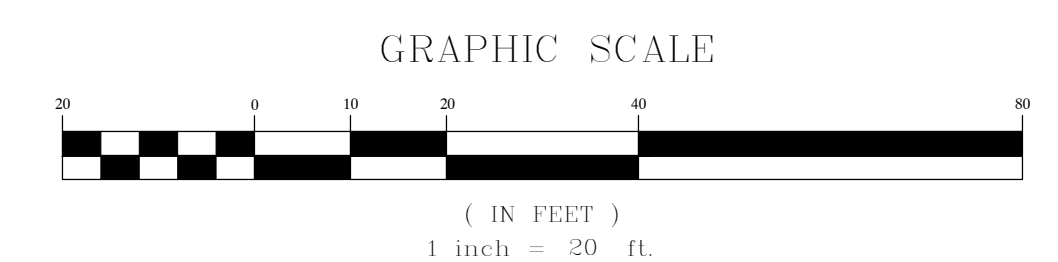
REVISIONS

UNAUTHORIZED ADDITIONS, MODIFICATIONS AND/OR ALTERATIONS TO THESE PLANS IS A VIOLATION OF SECTION 72(6)(g) OF THE NEW YORK STATE EDUCATION LAW



NOTES:

1. TOPOGRAPHIC INFORMATION AS SHOWN ON THIS PLAN WAS PROVIDED BY WARD CARPENTER ENGINEERS, INC. FROM A MAP DATED NOVEMBER 13, 2013.



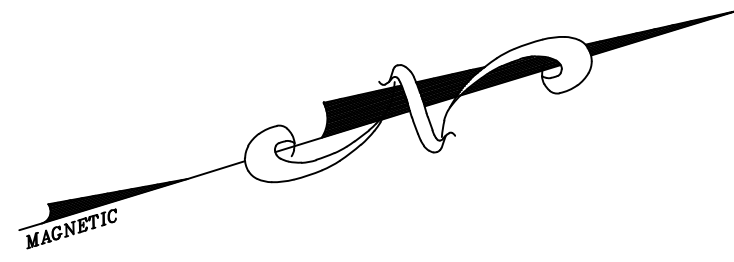
LEGEND

- | | |
|---|------------------------|
|  | EXISTING PROPERTY LINE |
|  | SLOPES 15-25% |
|  | SLOPES 25-35% |
|  | SLOPES GREATER 35% |
|  | PROPOSED PROPERTY LINE |
|  | LIMIT OF DISTURBANCE |
|  | EXISTING TREE |

SLOPE DISTURBANCE	
15 - 25% SLOPES	12,002 SF
25 - 35% SLOPES	2,609 SF
35% SLOPES OR GREATER	2,017 SF

KELLARD SESSIONS CONSULTING	SLOPES DISTURBANCE PLAN WILLIAM BUTLER SUBDIVISION	TOWN OF OSSING WESTCHESTER COUNTY, NEW YORK																														
ENGINEERING, LANDSCAPE ARCHITECTURE & PLANNING, P.C.	500 MAIN STREET ARMONK, N.Y. 10904 P: (914) 273-2323 F: (914) 273-2329 WWW.KELESSON.COM	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">10.</td> <td style="width: 70%;"></td> <td rowspan="10" style="width: 20%; text-align: center; vertical-align: middle; font-size: 2em;"> 5 12 </td> </tr> <tr><td style="text-align: center;">9.</td><td></td></tr> <tr><td style="text-align: center;">8.</td><td></td></tr> <tr><td style="text-align: center;">7.</td><td></td></tr> <tr><td style="text-align: center;">6.</td><td></td></tr> <tr><td style="text-align: center;">5.</td><td></td></tr> <tr><td style="text-align: center;">4.</td><td></td></tr> <tr><td style="text-align: center;">3.</td><td></td></tr> <tr><td style="text-align: center;">2.</td><td>OCCTOBER 10, 2017 - ZBA COMMENTS</td></tr> <tr><td style="text-align: center;">1.</td><td>JUNE 13, 2017</td></tr> <tr> <td colspan="3" style="text-align: center; padding-top: 5px;"> REVISIONS </td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;"> PROJECT ID: BLR100 </td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;"> DATE: APRIL 10, 2017 </td> </tr> </table>	10.		5 12	9.		8.		7.		6.		5.		4.		3.		2.	OCCTOBER 10, 2017 - ZBA COMMENTS	1.	JUNE 13, 2017	REVISIONS					PROJECT ID: BLR100			DATE: APRIL 10, 2017
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		DATE: APRIL 10, 2017																														

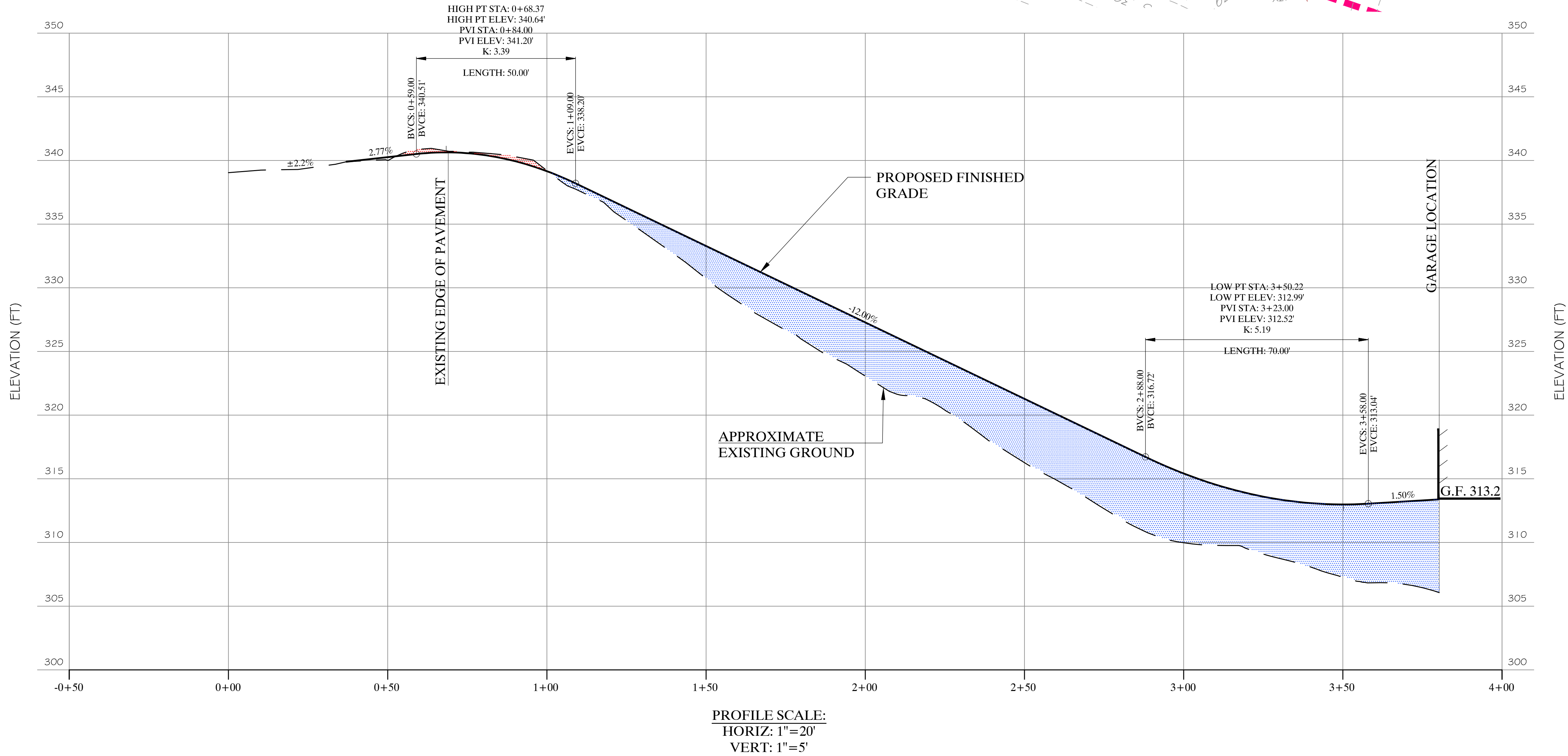
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- LEGEND**
- EXISTING PROPERTY LINE
 - EXISTING CONTOUR
 - PROPOSED PROPERTY LINE
 - PROPOSED CONTOUR
 - PROPOSED DWELLING
 - PROPOSED RETAINING WALL WITH WALL HEIGHTS
 - PROPOSED DRAIN PIPE
 - PROPOSED CATCH BASIN WITH TEMPORARY INLET PROTECTION
 - EXISTING TREE TO REMAIN
 - EXISTING TREE TO REMAIN AND BE PROTECTED
 - EXISTING TREE TO BE REMOVED
 - PROPOSED 12" WIDE ASPHALT DRIVEWAY
 - PROPOSED LIMITS OF DISTURBANCE
 - PROPOSED GUIDE RAIL (ULTIMATE MATERIAL TO BE DETERMINED BY TOWN ENGINEER)

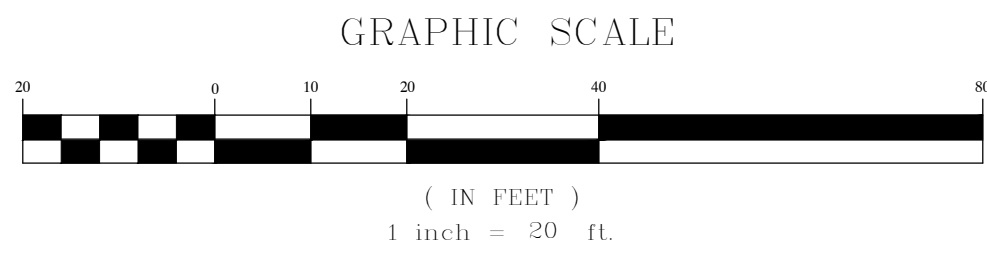
TREES TO BE REMOVED

1. 16" MAPLE (DRIVEWAY)
2. 12" MAPLE (DRIVEWAY)
3. 14" MAPLE (DRIVEWAY)
4. 28" OAK (DRIVEWAY)
5. 18" OAK (DRIVEWAY)
6. 18" PINE (DRIVEWAY)
7. 12" MAPLE (DRIVEWAY)
8. 14" CHERRY (DRIVEWAY)
9. 14" MAPLE (DRIVEWAY)
10. 26" OAK (DRIVEWAY)
11. 10" MAPLE (DRIVEWAY)
12. 24" OAK (HOUSE GRADING)
13. 30" OAK (HOUSE GRADING)
14. 24" MAPLE (HOUSE GRADING)
15. 26" OAK (SEPTIC)
16. 30" OAK (SEPTIC)
17. 12" BIRCH (SEPTIC)
18. 12" ASH (DRIVEWAY)
- 18 TOTAL TREES TO BE REMOVED



NOTES:

1. TOPOGRAPHIC INFORMATION AS SHOWN ON THIS PLAN WAS PROVIDED BY WARD CARPENTER ENGINEERS, INC. FROM A MAP DATED NOVEMBER 13, 2013.



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ALTERNATIVE "A"
**12 PERCENT DRIVEWAY GRADE
SITE PLAN AND PROFILE**
WILLIAM BUTLER SUBDIVISION

TOWN OF OSSINGWESTCHESTER COUNTY, NEW YORK

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2	OCTOBER 10, 2017 - ZBA COMMENTS
1	JUNE 13, 2017

REVISIONS

PROJECT I.D.: BLR100

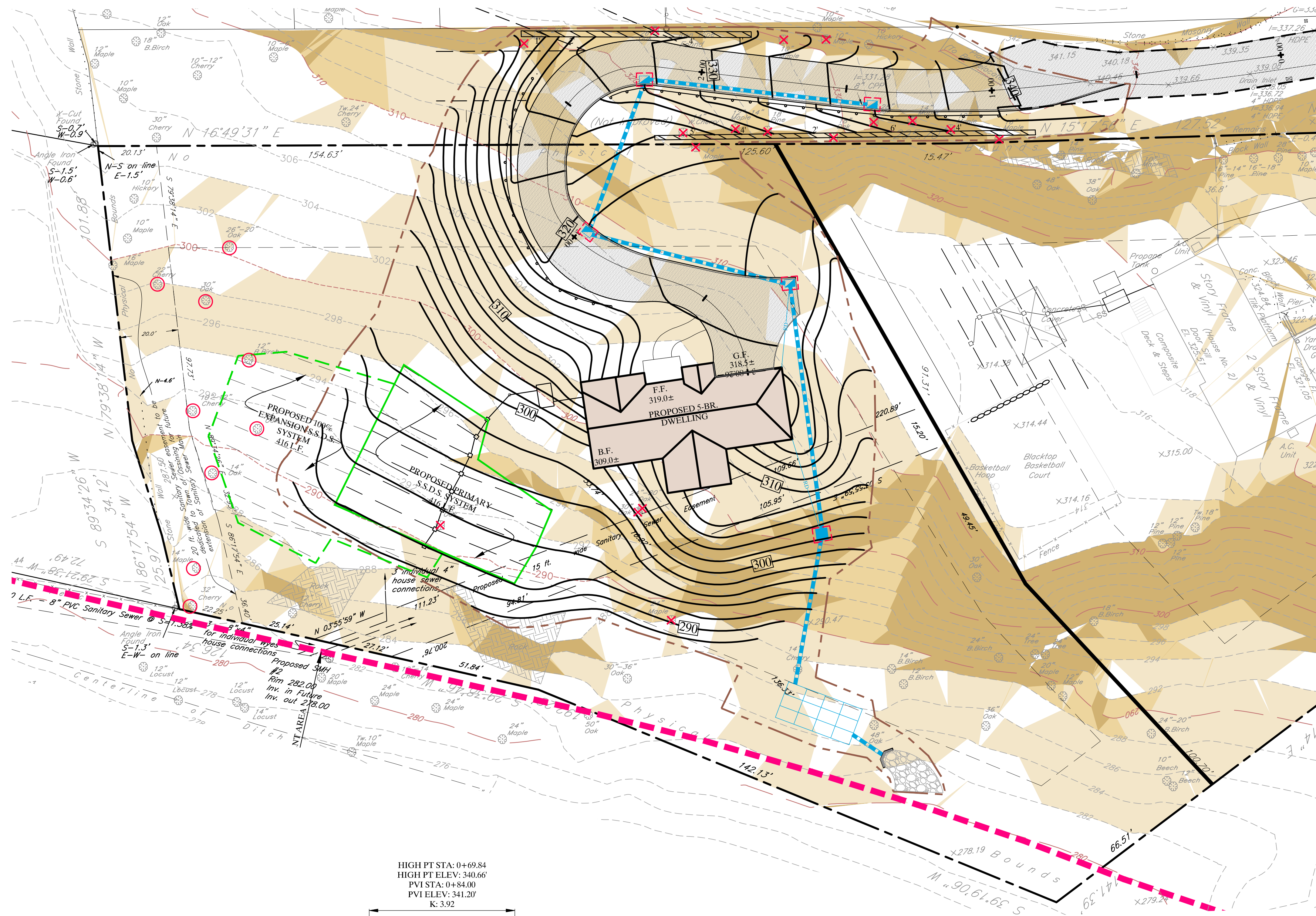
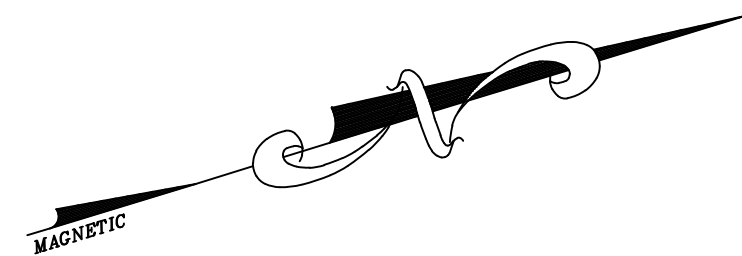
DATE: APRIL 10, 2017

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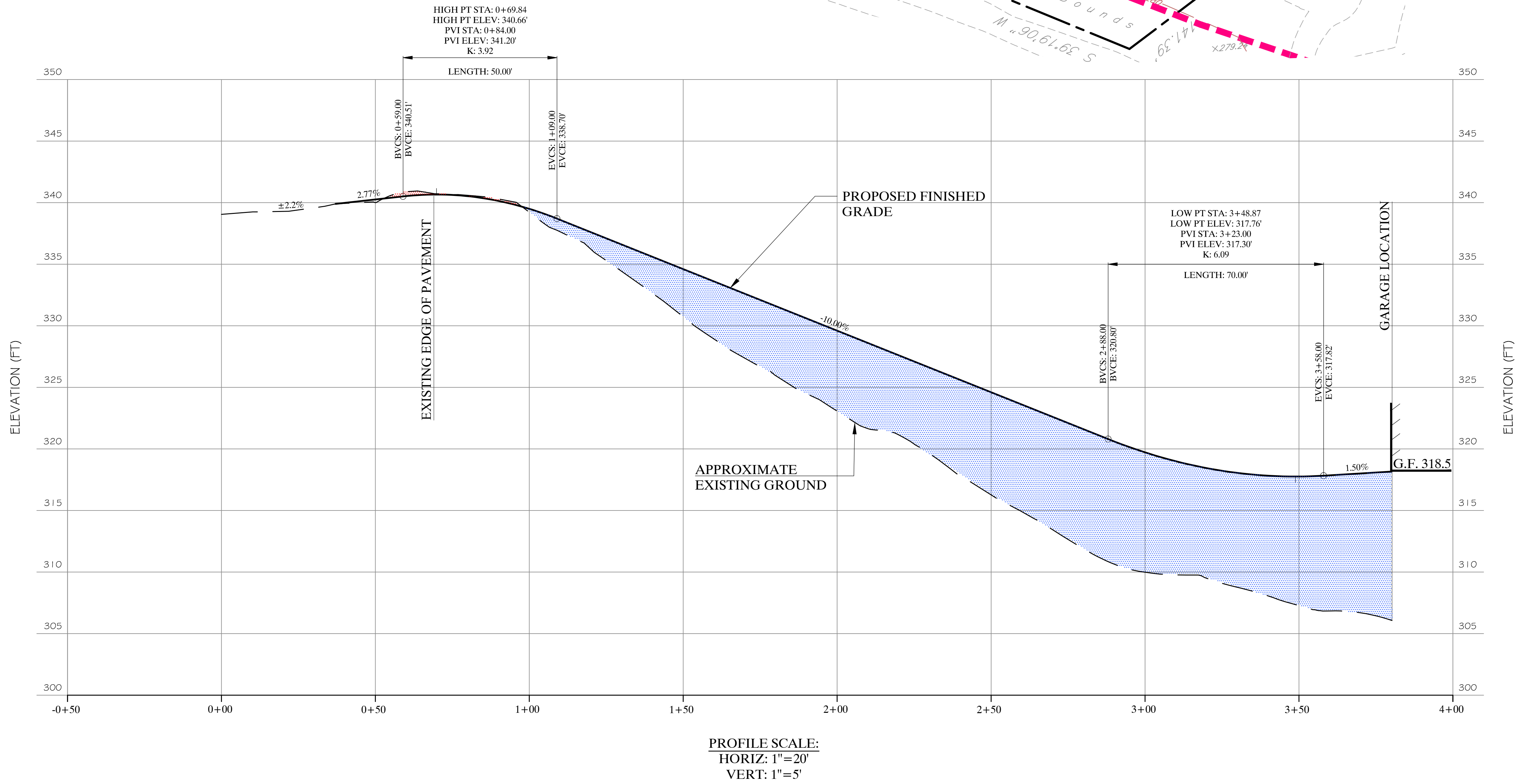
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- LEGEND**
- EXISTING PROPERTY LINE
 - EXISTING CONTOUR
 - PROPOSED PROPERTY LINE
 - PROPOSED CONTOUR
 - PROPOSED DWELLING
 - PROPOSED RETAINING WALL WITH WALL HEIGHTS
 - PROPOSED DRAIN PIPE
 - PROPOSED CATCH BASIN WITH TEMPORARY INLET PROTECTION
 - EXISTING TREE TO REMAIN
 - EXISTING TREE TO REMAIN AND BE PROTECTED
 - EXISTING TREE TO BE REMOVED
 - PROPOSED 12" WIDE ASPHALT DRIVEWAY
 - PROPOSED LIMITS OF DISTURBANCE
 - PROPOSED GUIDE RAIL (ULTIMATE MATERIAL TO BE DETERMINED BY TOWN ENGINEER)

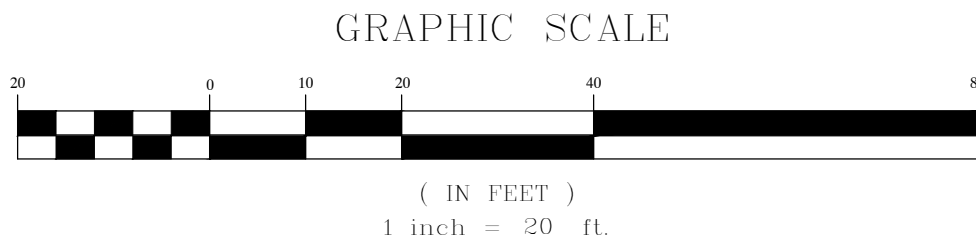
TREES TO BE REMOVED

1. 16" MAPLE (DRIVEWAY)
2. 12" MAPLE (DRIVEWAY)
3. 14" MAPLE (DRIVEWAY)
4. 28" OAK (DRIVEWAY)
5. 18" PINE (DRIVEWAY)
6. 18" PINE (DRIVEWAY)
7. 12" MAPLE (DRIVEWAY)
8. 14" CHERRY (DRIVEWAY)
9. 14" MAPLE (DRIVEWAY)
10. 12" ASH (DRIVEWAY)
11. 28" OAK (DRIVEWAY)
12. 10" MAPLE (DRIVEWAY)
13. 10" MAPLE (DRIVEWAY)
14. 24" OAK (HOUSE GRADING)
15. 30" OAK (HOUSE GRADING)
16. 24" MAPLE (HOUSE GRADING)
17. 26" OAK (SEPTIC)
18. 30" OAK (SEPTIC)
19. 12" BIRCH (SEPTIC)
- 19 TOTAL TREES TO BE REMOVED



NOTES:

1. TOPOGRAPHIC INFORMATION AS SHOWN ON THIS PLAN WAS PROVIDED BY WARD CARPENTER ENGINEERS, INC. FROM A MAP DATED NOVEMBER 13, 2013.



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ALTERNATIVE "B"
**10 PERCENT DRIVEWAY GRADE
SITE PLAN AND PROFILE**
WILLIAM BUTLER SUBDIVISION

TOWN OF OSSINGWESTCHESTER COUNTY, NEW YORK

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2	OCTOBER 10, 2017 - ZBA COMMENTS
1	JUNE 13, 2017

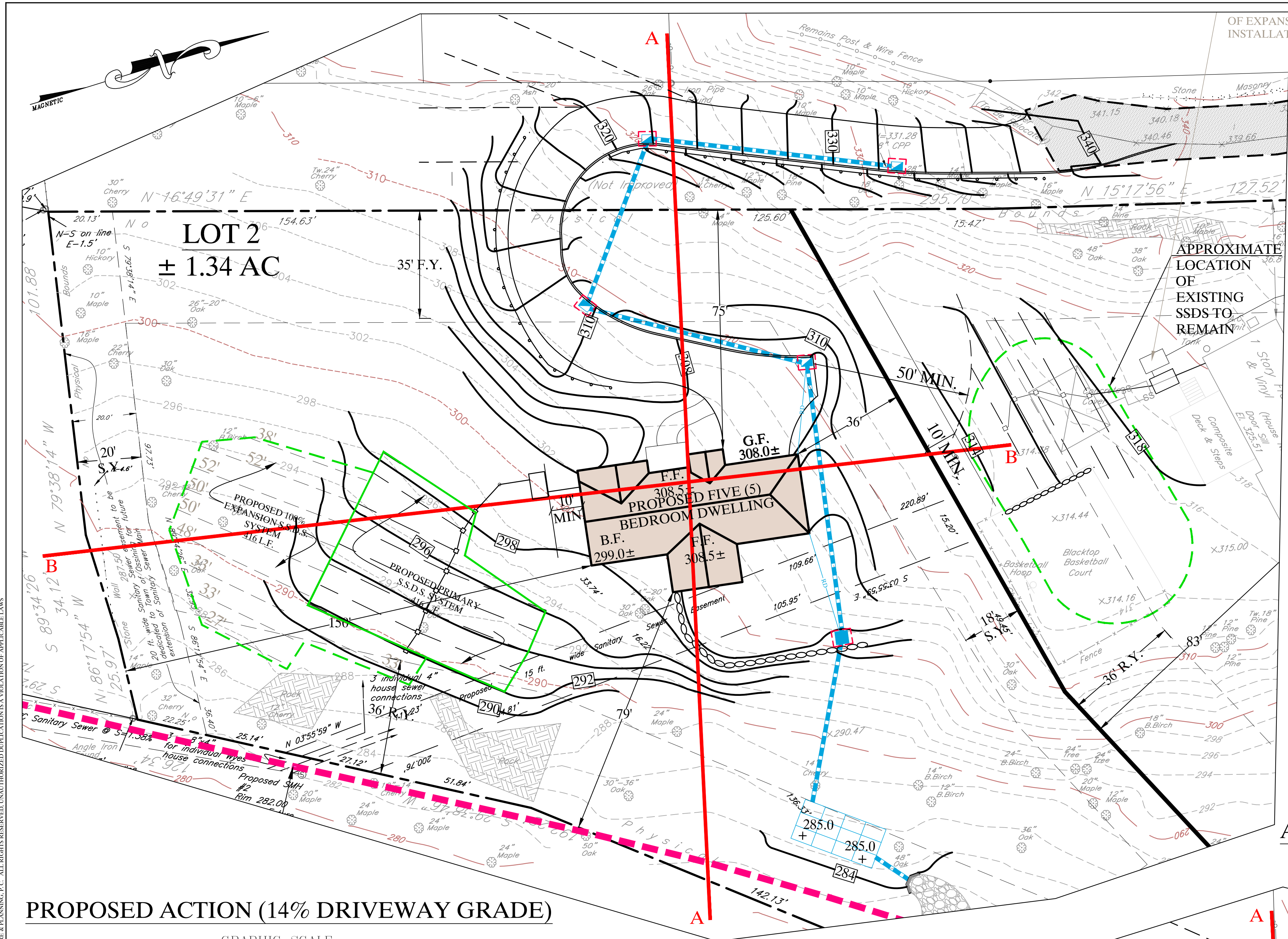
REVISIONS

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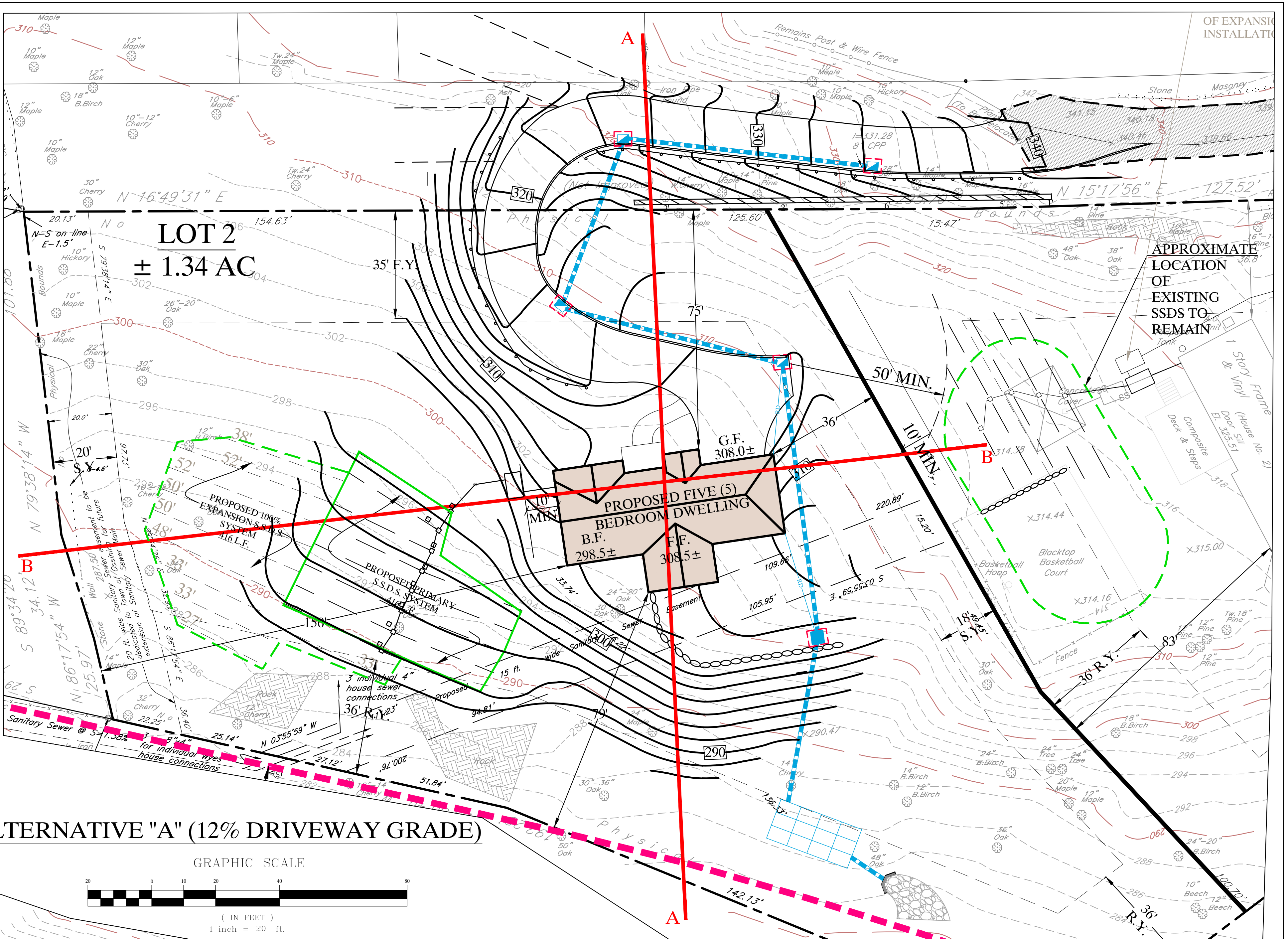
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DATE:
APRIL 10, 2017

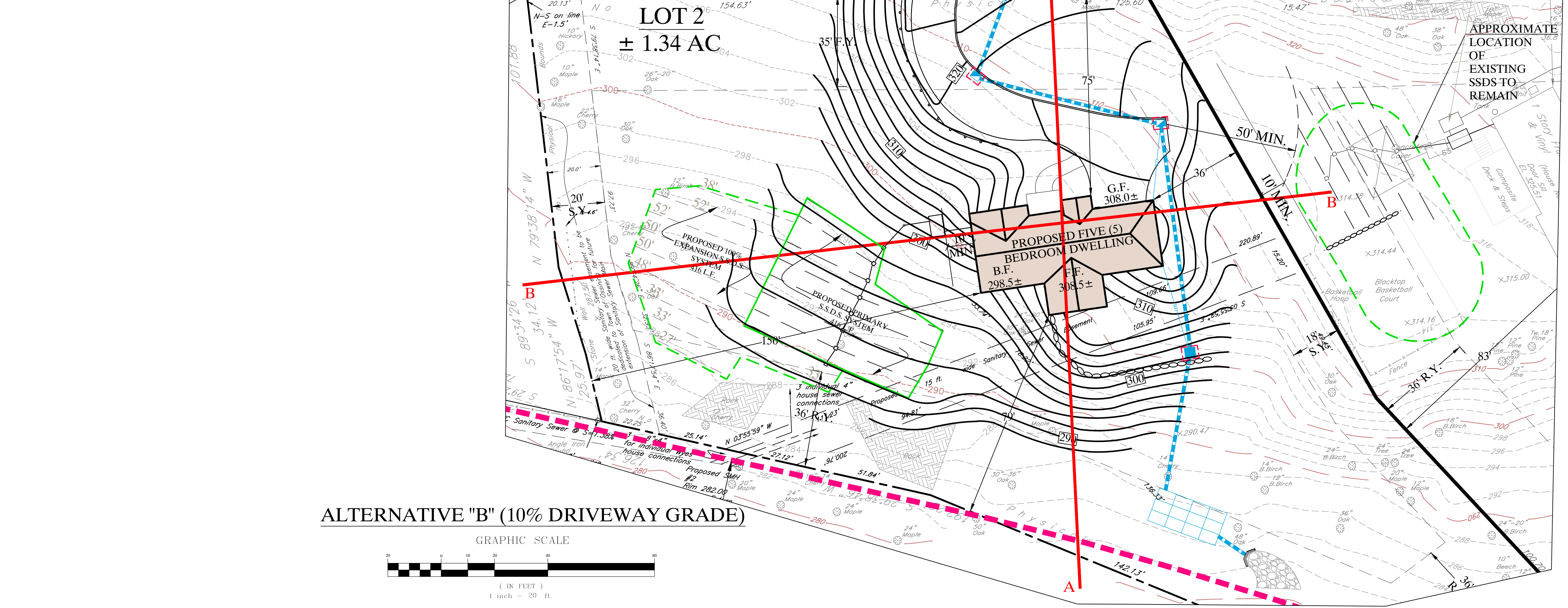
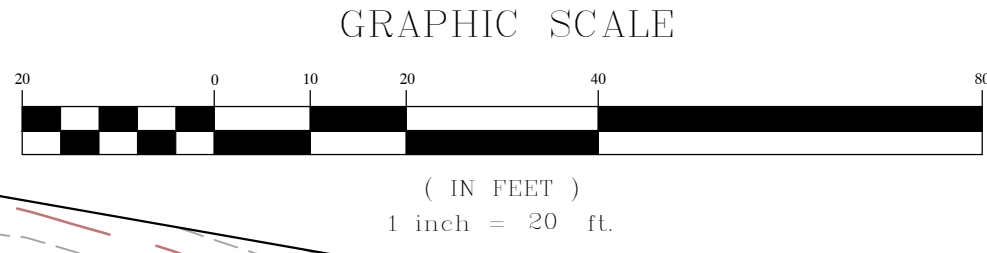
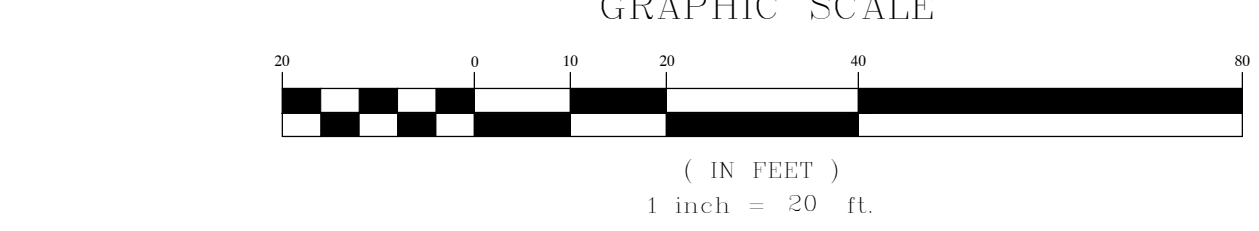
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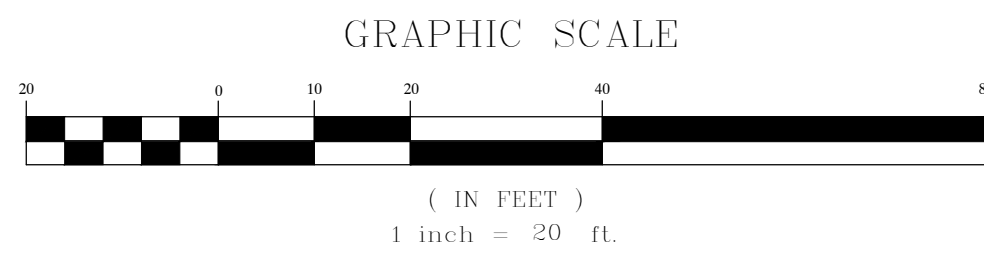
PROPOSED ACTION (14% DRIVEWAY GRADE)



ALTERNATIVE "A" (12% DRIVEWAY GRADE)



ALTERNATIVE "B" (10% DRIVEWAY GRADE)



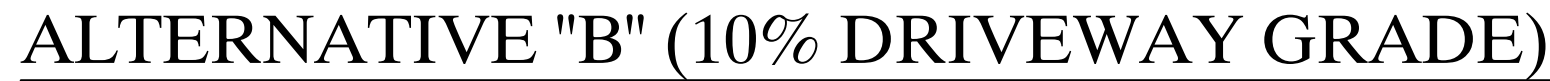
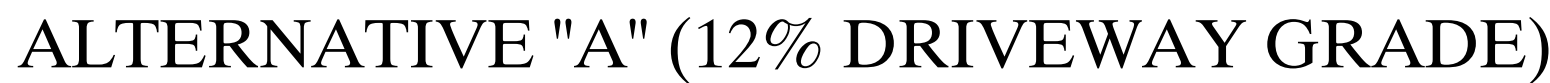
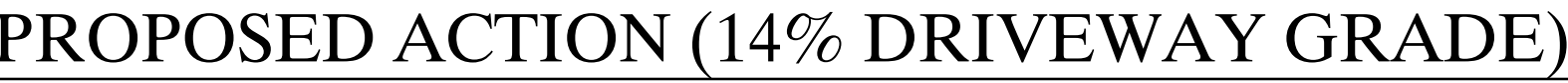
NOTES:
1. TOPOGRAPHIC INFORMATION AS SHOWN ON THIS PLAN WAS PROVIDED BY WARD CARPENTER ENGINEERS, INC. FROM A MAP DATED NOVEMBER 13, 2013.

REFER TO SHEET 9/12 FOR SITE CROSS SECTION PROFILES

KELLARD SESSIONS CONSULTING		SITE CROSS SECTION PLAN	
ENGINEERING, LANDSCAPE ARCHITECTURE PLANNING, P.C.		WILLIAM BUTLER SUBDIVISION	
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		PROJECT I.D.: BLR100	
		DATE: APRIL 10, 2017	
		REVISIONS	
		1. JUNE 13, 2017	
		2. OCTOBER 10, 2017 - ZBA COMMENTS	
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KELLARD SESSIONS CONSULTING ENGINEERING, LANDSCAPE ARCHITECTURE & PLANNING, P.C. 500 MAIN STREET ARAMONK, N.Y. 10604 P: (914) 273-2323 F: (914) 273-2329 WWW.KELSESON.COM	SITE CROSS SECTION PROFILES WILLIAM BUTLER SUBDIVISION	
	TOWN OF OSMING	WESTCHSTER COUNTY, NEW YORK

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		PROJECT ID: _____
	OCTOBER 10, 2017 - ZBA COMMENTS	BLR100
	JUNE 13, 2017	DATE: _____
	REVISIONS	APRIL 10, 2017

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CULTEC RECHARGER 330 XL DETAIL (N.T.S.)

CULTEC 410 FILTER FABRIC
RECOMMENDED, NOT REQUIRED

CULTEC RECHARGER 330XL

1½" - 2" WASHED, CRUSHED
STONE

9" MIN.
12" MAX.

6"

1'-0" TYP.

58" C-C

6" STONE SEPARATION
BETWEEN ROWS

6" STONE BASE

52"

24"

30.5"

FINISHED GRADE

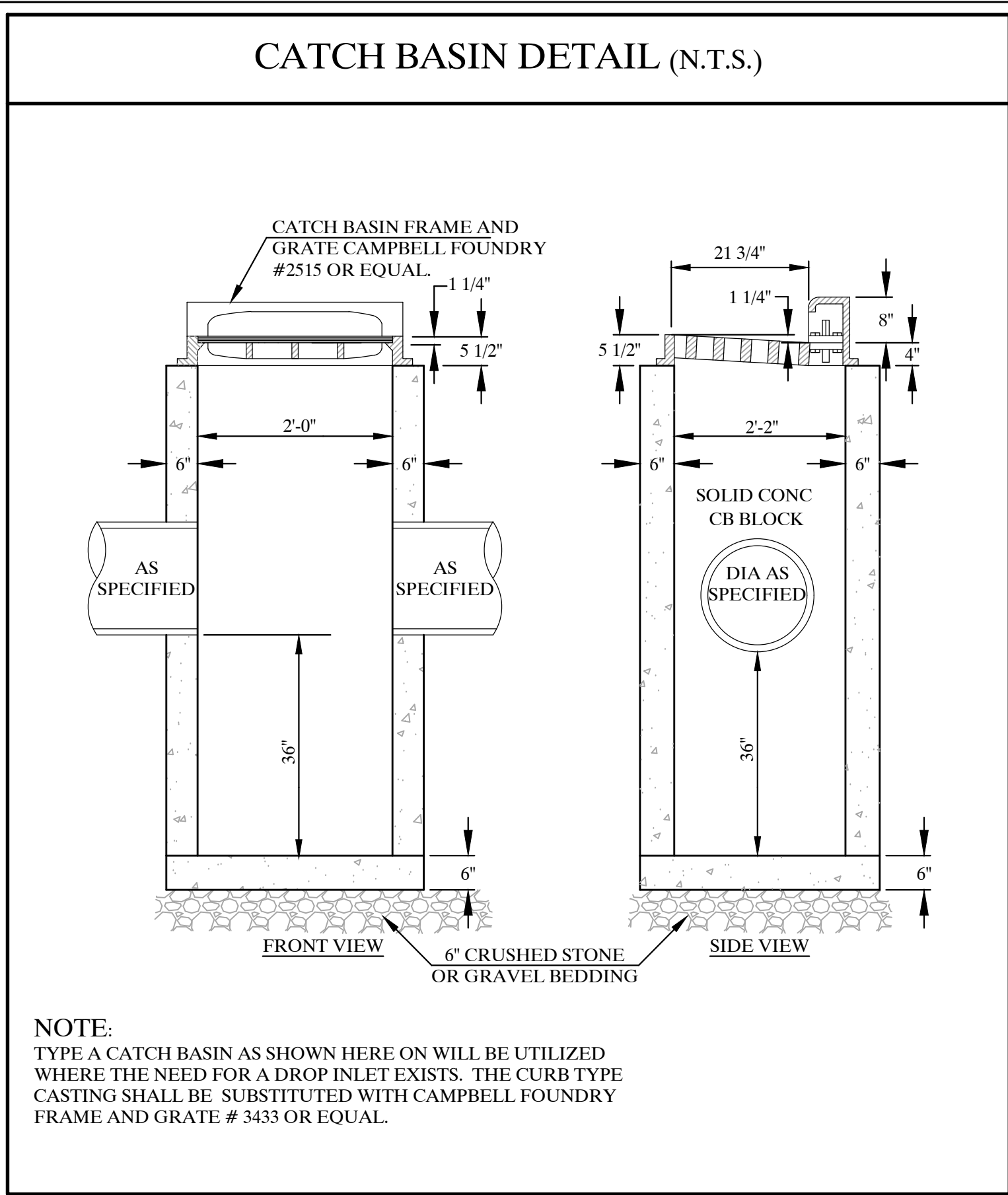
95% COMPACTED FILL

CULTEC 410 FILTER FABRIC
TOP, SIDES AND BOTTOM

TYPICAL CROSS SECTION RECHARGER 330XL
(10.35 CF₂ LF₂)

CALCULATIONS BASED ON
40% STONE VOID

GENERAL NOTES
RECHARGER™ 330 BY CULTEC, INC. OF BROOKFIELD, CT. ALL RECHARGER™ 330 CHAMBERS
MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL
REGULATIONS. REFER TO MANUFACTURER, CULTEC, INC.'S RECOMMENDED INSTALLATION
GUIDELINES. ALL RECHARGER™ 330XL H-20 HEAVY DUTY UNITS ARE MARKED WITH A 4"
STRIPE ALONG THE LENGTH OF THE CHAMBER.



DRAIN INLET (CONCAVE GRATE) (N.T.S.)

GENERAL NOTES:

1. CONCRETE TO TEST
4000 P.S.I. @ 28 DAYS
2. REINFORCEMENT
MILS A.S.T.M. A-615,
GRADE 60, A.S.T.M.
A-185.
3. ALL DRAINAGE INLET
STRUCTURES LOCATED IN
PAVED OR GRAVELLED AREAS TO
HAVE FLAT GRATES.
ALL OTHERS (WITHIN
GRASS SWALES) TO
RECEIVE CONCAVE
GRATES.

The technical drawing consists of two views: a Plan view at the bottom and an Elevation view at the top right.

Plan View: Shows a square concrete structure with a central square opening. The outer dimensions are 6'-0" by 6'-0". The inner opening is 2'-0" by 2'-0". There are four knockouts (TYP.) located on each side of the frame, positioned 12 inches from the corners. Section lines A-A are indicated on opposite sides.

Elevation View: Shows the vertical profile of the inlet. At the top, it features a "NEENAH FRAME & GRATE OR APPROVED EQUAL CONCAVE #R-3360-A (SEE GENERAL NOTE #3)". Below the grate is a layer of "9\" BRICK". The main body is a "PRECAST CONCRETE STRUCTURE" containing "STEEL REINFORCED POLYPROPYLENE STEPS". An "HDPE PIPE" enters through the center. The top surface is labeled "FINISHED GRADE". The bottom of the structure is set into a "36\" SUMP" which rests on a bed of "6\" CRUSHED STONE OR GRAVEL BEDDING". The elevation height is noted as "EL. VARIES".

PLAN

**DRAIN INLET
MANUFACTURED BY
PRECAST CONCRETE SALES
OR APPROVED EQUAL**

HS-20-44 LOADING DESIGN REQUIRED

[illegible][illegible]

FUTURE POTENTIAL DRIVEWAY CONNECTION DETAIL (N.T.S.)

310

+ 308.5

310

320

330

340

342

341.15

N 16°49'31" E

306

154.63'

302

304

300

302

298

296

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290

300

302

304

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308

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DRAINAGE TRENCH DETAIL (N.T.S.)

TRENCH WIDTH
 $P + 24"$

FINISHED GRADE

1'-6" MINIMUM, 2'-0" MINIMUM UNDER DRIVEWAY

BACKFILL WITH CLEAN EARTH, NO STONES GREATER THAN 6" COMPACT IN 8 LAYERS

SELECTED BACKFILL COMPACT IN 6 LAYERS

12"

12"

DIA

12"

6"

HDPE DRAINAGE PIPE (SIZE AS NOTED)

CRUSHED STONE OR GRAVEL BEDDING

ASPHALTIC CONCRETE CURB DETAIL (N.T.S.)
(FOR INDIVIDUAL DRIVEWAY ONLY)

FINISHED GRADE

1/2"

7"

60°

3" ASPHALTIC CONCRETE TOP COURSE

6" ITEM 4 BASE COURSE

8"

3" ASPHALTIC
CONCRETE TOP COURSE

6" ITEM 4 BASE COURSE

FINISHED GRADE

1/2"

7"

60°

8"

COMMON DRIVEWAY SECTION DETAIL

(N.T.S.)

NOTE:
TOWN ENGINEER SHALL
DETERMINE THE APPROPRIATE
COMMON DRIVEWAY DEPTH
DURING FINAL SUBDIVISION
APPROVAL PROCESS.

2" ASPHALTIC TOP
COURSE NYSDOT
ITEM #403.17

16'

3" ASPHALTIC BINDER
COURSE NYSDOT ITEM
#403.13

6" ITEM 4 SUBBASE COURSE
NYSDOT ITEM #304.03, OR
AS DIRECTED BY THE
TOWN ENGINEER UPON
SITE INSPECTION

COMPACTED
SUBGRADE

WATER SERVICE CONNECTION DETAIL (N.T.S.)

FINISHED GRADE

P/2 + 10'

5'-0"

LENGTH VARIABLE

CURB STOP

BUFFALO CURB BOX

CURB BOX CURB STOP

4" MIN. COVER

CONNECTION TO PLUMBING AT OR IN RESIDENCE

CENTERLINE EXISTING WATERMAIN

45°

CORPORATE STOP
6" CLEAR FOR TAP MACHINE

PROPOSED 1 1/2" COPPER WATER SERVICE

CRUSHED STONE BEDDING TO BE USED TO SUPPORT COPPER PIPE IN TRENCH AREA

NOTE:
CURB STOP AND
CORPORATE STOP TO
BE MUELLER OR EQUAL

INDIVIDUAL DRIVEWAY SECTION DETAIL (N.T.S.)

Diagram illustrating the cross-section of an individual driveway section, showing the following components and dimensions:

- SHOULDER:** 2'-0" wide, 1/2'-0" thick.
- WIDTH VARIES BETWEEN 14' AND 19'** (SEE SHEET 3/12 FOR ACTUAL DRIVEWAY WIDTHS).
- 1/2'-0" THICKNESS:** Indicated for the main driveaway section.
- 3" TOP COURSE:** NYSDOT ITEM 403.17.
- 6" BASE COURSE:** NYSDOT ITEM 304.05.
- COMPACTED SUBGRADE:** The base layer beneath the base course.
- ASPHALT CURB:** Located on the right side of the driveway.
- 1/2'-0" THICKNESS:** Indicated for the curb.
- 1/2'-0" THICKNESS:** Indicated for the shoulder.

WOOD GUIDE RAIL DETAIL (N.T.S.)

MIN. OF 4/8" Ø BOLTS (LAG BOLTS)

6.0' MAX.

8" x 4" OR 10" x 3" RAIL (PRESSURE TREATED WOOD)

27"

FINISHED GRADE

3'

4" x 4" POST (PRESSURE TREATED WOOD)

NOTE:
TOWN ENGINEER WILL REVIEW
STRUCTURAL INTEGRITY AND
APPROPRIATENESS OF THE
WOOD GUIDE RAIL DURING
FINAL SUBDIVISION APPROVAL
PROCESS.

STONE HEADWALL DETAIL (N.T.S.)

Technical drawing of a stone headwall detail, showing construction layers and dimensions. The drawing is divided into three main sections: a left section for the dry stone rip-rap, a middle section for the capstone, and a right section for the finished grade and masonry.

Labels and Dimensions:

- DRY STONE RIP-RAP TO EXTEND A MINIMUM OF 30" BEYOND HEADWALL AND SHALL BE AT LEAST TWICE THE DIAMETER OF THE PIPE IN WIDTH. (SEE DRY STONE RIP-RAP NOTE THIS SHEET.)**
- EXISTING GRADE** (indicated by a dashed line and arrow pointing to the left)
- CAPSTONE - FULL WIDTH** (indicated by a dashed line and arrow pointing to the top of the capstone)
- 6" MIN** (dimension for the capstone width)
- 3" MIN** (dimension for the capstone height)
- 6"** (dimension for the capstone thickness)
- FINISHED GRADE** (indicated by a dashed line and arrow pointing to the top of the finished grade)
- 12"** (dimension for the finished grade slope)
- RUBBLE STONE MASONRY** (indicated by a dashed line and arrow pointing to the masonry wall)
- CONCRETE FOOTING** (indicated by a dashed line and arrow pointing to the footing)
- 8"** (dimension for the concrete footing width)
- 2'-6"** (dimension for the concrete footing length)

NOTE:
FIRST COURSE OF STONE TO BE EMBEDDED IN FRESH CONCRETE FOOTING

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EROSION AND SEDIMENT CONTROL PLAN

ALL PROPOSED SOIL EROSION AND SEDIMENT CONTROL PRACTICES HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FOLLOWING PUBLICATIONS:

- NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, LATEST EDITION
- NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY (GP-0-15-002)
- TOWN CODE OF OSSINGEN CHAPTER 168 "STORMWATER MANAGEMENT AND EROSION CONTROL"

THE PRIMARY AIM OF THE SOIL EROSION AND SEDIMENT CONTROL PLAN IS TO REDUCE SOIL EROSION FROM AREAS STRIPPED OF VEGETATION DURING CONSTRUCTION AND TO PREVENT SILT FROM REACHING THE DRAINAGE STRUCTURES, WETLAND SYSTEMS, WATERCOURSES, WATERBODIES AND DOWNSTREAM PROPERTIES. AS OUTLINED IN THE CONSTRUCTION SEQUENCING NOTES BELOW AND ON THE GRADING AND UTILITY PLAN, THE SEDIMENT AND EROSION CONTROL PLAN IS AN INTEGRAL COMPONENT OF THE CONSTRUCTION PHASING AND PROJECT SEQUENCING AND WILL BE IMPLEMENTED TO CONTROL SEDIMENT AND RE-ESTABLISH VEGETATION AS SOON AS PRACTICABLE. THE PLAN WILL BE IMPLEMENTED PRIOR TO THE COMMENCEMENT OF ANY EARTHMOVING ACTIVITIES AND WILL BE MAINTAINED THROUGH THE DURATION OF THE PROJECT. THE PROPOSED SOIL EROSION AND SEDIMENT CONTROL DEVICES INCLUDE THE PLANNED EROSION CONTROL PRACTICES OUTLINED BELOW. MAINTENANCE PROCEDURES FOR EACH EROSION CONTROL PRACTICE ARE ALSO PROVIDED HEREIN. THE OWNER OR OPERATOR MUST ENSURE THAT ALL EROSION AND SEDIMENT CONTROL PRACTICES IDENTIFIED HEREIN ARE MAINTAINED IN EFFECTIVE OPERATING CONDITION AT ALL TIMES.

• STABILIZED CONSTRUCTION ENTRANCE

A STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED AT THE PROJECT ENTRANCE AS INDICATED ON THE PLANS. THE PURPOSE OF THE STABILIZED CONSTRUCTION ENTRANCE IS TO PREVENT VEHICLES LEAVING THE SITE FROM TRACKING SEDIMENT, MUD OR ANY OTHER CONSTRUCTION-RELATED MATERIALS FROM THE SITE ONTO HILLCREST DRIVE.

MAINTENANCE/INSPECTION

STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSPECTED A MINIMUM OF ONCE EVERY SEVEN (7) CALENDAR DAYS. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION ENTRANCE IN A MANNER WHICH PREVENTS OR SIGNIFICANTLY REDUCES THE TRACKING OF SEDIMENT/SOIL ONTO HILLCREST DRIVE. THE CONTRACTOR SHALL INSPECT THE CONSTRUCTION ENTRANCE DAILY AND AFTER EACH RAIN EVENT FOR DISPLACEMENT OR LOSS OF AGGREGATE. THE CONTRACTOR SHALL TOP-DRESS THE CONSTRUCTION ENTRANCE WHEN DISPLACEMENT/LOSS OF AGGREGATE OCCURS, OR IF THE AGGREGATE BECOMES CLOGGED OR SILTED TO THE EXTENT THAT THE ENTRANCE CAN NO LONGER PERFORM ITS INTENDED FUNCTION. THE CONTRACTOR SHALL INSPECT THE VICINITY OF THE CONSTRUCTION ENTRANCE SEVERAL TIMES A DAY AND IMMEDIATELY REMOVE ANY SEDIMENT DROPPED OR WASHED ONTO HILLCREST DRIVE.

• SILT FENCE

SILT FENCE (GEOTEXTILE FILTER CLOTH) SHALL BE PLACED IN LOCATIONS DEPICTED ON THE APPROVED PLANS. THE PURPOSE OF THE SILT FENCE IS TO REDUCE THE VELOCITY OF SEDIMENT-LADEN STORMWATER FROM SMALL DRAINAGE AREAS AND TO INTERCEPT THE TRANSPORTED SEDIMENT LOAD. IN GENERAL, SILT FENCE SHALL BE USED AT THE DOWN-GRADIENT PERIMETER OF DISTURBED AREAS, TOE OF SLOPES OR INTERMEDIATELY WITHIN SLOPES WHERE OBVIOUS CHANNEL CONCENTRATION OF STORMWATER IS NOT PRESENT. SILT FENCE SHALL ALWAYS BE INSTALLED PARALLEL TO THE CONTOURS IN ORDER TO PREVENT CONCENTRATED FLOWS FROM DEVELOPING ALONG THE SILT FENCE.

MAINTENANCE/INSPECTION

SILT FENCING SHALL BE INSPECTED A MINIMUM OF ONCE EVERY SEVEN (7) CALENDAR DAYS. INSPECTIONS SHALL INCLUDE ENSURING THAT THE FENCE MATERIAL IS TIGHTLY SECURED TO THE WOOD POSTS. IN ADDITION, OVERLAPPING FILTER FABRIC SHALL BE SECURE AND THE FABRIC SHALL BE MAINTAINED A MINIMUM OF SIX (6) INCHES BELOW GRADE. IN THE EVENT THAT ANY "BULGES" DEVELOP IN THE FENCE, THAT SECTION OF FENCE SHALL BE REPLACED IMMEDIATELY WITH A NEW FENCE SECTION. ANY VISIBLE SEDIMENT BUILD-UP AGAINST THE FENCE SHALL BE REMOVED IMMEDIATELY AND DEPOSITED ON-SITE A MINIMUM OF 100 FEET OUTSIDE OF ANY REGULATED WETLAND AREA, WATERCOURSE OR WATERBODY.

• TREE PROTECTION

ALL SIGNIFICANT TREES TO BE PRESERVED AND LOCATED WITHIN THE LIMITS OF DISTURBANCE AND ON THE PERIMETER OF THE DISTURBANCE LIMITS SHALL BE PROTECTED FROM HARM BY ERECTING A THREE (3) FEET HIGH (MINIMUM) SNOW FENCE SURROUNDING THE TREE. SNOW FENCE SHOULD EXTEND TO THE DRIP-LINE OF THE TREE TO BE PRESERVED. TREES DESIGNATED TO BE PROTECTED/SAVED ARE ILLUSTRATED ON THE CONSTRUCTION DRAWINGS AND WILL BE IDENTIFIED IN THE FIELD PRIOR TO CONSTRUCTION.

MAINTENANCE/INSPECTION

THE SNOW FENCE SHALL REMAIN AT THE DRIP-LINE OF THE TREE TO BE PRESERVED. THE SNOW FENCE SHALL BE INSPECTED A MINIMUM OF ONCE EVERY SEVEN (7) CALENDAR DAYS. ANY DAMAGED PORTIONS OF THE FENCE SHALL BE REPAIRED OR REPLACED. CARE SHALL ALSO BE TAKEN TO ENSURE THAT NO CONSTRUCTION EQUIPMENT IS DRIVEN OR PARKED WITHIN THE DRIP-LINE OF THE TREE TO BE PRESERVED.

• SOIL/MATERIAL STOCKPILING

ALL SOIL/MATERIAL STOCKPILED WITHIN THE CONSTRUCTION AREA DURING GRUBBING AND GRADING SHALL BE STOCKPILED WITHIN THE VICINITY OF THE LOCATIONS ILLUSTRATED ON THE APPROVED PLANS, OR IN PRACTICAL LOCATIONS ON-SITE.

MAINTENANCE/INSPECTION

ALL STOCKPILES SHALL BE INSPECTED A MINIMUM OF ONCE EVERY SEVEN (7) CALENDAR DAYS FOR SIGNS OF EROSION OR PROBLEMS WITH SEED ESTABLISHMENT. SOIL STOCKPILES SHALL BE PROTECTED FROM EROSION BY VEGETATING THE STOCKPILE WITH A RAPIDLY-GERMINATING GRASS SEED AND SURROUNDED WITH SILT FENCE. IF THE PROJECT IS ONGOING DURING THE NON-GROWING SEASON, THE STOCKPILES SHALL BE PROTECTED WITH A TARPULIN COVERING THE ENTIRE STOCKPILE.

• SURFACE STABILIZATION

ALL DISTURBED AREAS WILL BE PROTECTED FROM EROSION WITH THE USE OF VEGETATIVE MEASURES (E.G., GRASS SEED MIX, SOD), HYDROMULCH, HAY OR EROSION CONTROL BLANKETS.

EROSION CONTROL BARRIERS CONSISTING OF SILT FENCING SHALL BE PLACED AROUND EXPOSED AREAS DURING CONSTRUCTION. ANY AREAS STRIPPED OF VEGETATION DURING CONSTRUCTION WILL BE VEGETATED AND/OR MULCHED IMMEDIATELY TO PREVENT EROSION OF THE EXPOSED SOILS. IN AREAS WHERE SIGNIFICANT EROSION POTENTIAL EXISTS (STEEP SLOPES) AND/OR WHERE SPECIFICALLY DIRECTED, CURLEX EXCELSIOR EROSION CONTROL BLANKETS (MANUFACTURED BY AMERICAN EXCELSIOR OR APPROVED EQUAL) SHALL BE INSTALLED.

MATERIALS THAT MAY BE USED FOR MULCHING INCLUDE STRAW, HAY, SALT HAY, WOOD FIBER, SYNTHETIC SOIL STABILIZERS, MULCH NETTING, EROSION CONTROL BLANKETS OR SOD. A PERMANENT VEGETATIVE COVER WILL BE ESTABLISHED UPON COMPLETION OF CONSTRUCTION OF THOSE AREAS WHICH HAVE BEEN BROUGHT TO FINISH GRADE AND TO REMAIN UNDISTURBED.

• GENERAL LAND GRADING

THE APPLICANT/DEVELOPER OR THEIR REPRESENTATIVES SHALL BE ON-SITE AT ALL TIMES WHEN CONSTRUCTION OR GRADING ACTIVITY TAKES PLACE AND SHALL INSPECT AND DOCUMENT THE EFFECTIVENESS OF ALL SEDIMENT AND EROSION CONTROL PRACTICES.

THE INTENT OF THE EROSION CONTROLS IS TO CONTROL ALL DISTURBED AREAS, SUCH THAT SOILS ARE PROTECTED FROM EROSION BY TEMPORARY METHODS AND, ULTIMATELY, BY PERMANENT VEGETATION.

• DUST CONTROL

WHERE VEGETATIVE OR MULCH COVER IS NOT PRACTICAL IN DISTURBED AREAS OF THE SITE, DUST SHALL BE CONTROLLED BY THE USE OF WATER SPRINKLING. THE SURFACE SHALL BE SPRAYED UNTIL WET. DUST CONTROL SHALL CONTINUE UNTIL SUCH TIME AS THE ENTIRE SITE IS ADEQUATELY STABILIZED WITH PERMANENT VEGETATIVE COVER.

• POLLUTION PREVENTION MEASURES FOR CONSTRUCTION RELATED ACTIVITIES

POLLUTION PREVENTION PRACTICES FOR PREVENTING LITTER, CONSTRUCTION CHEMICALS (IF APPLICABLE) AND CONSTRUCTION DEBRIS FROM BECOMING A POLLUTANT SOURCE IN STORMWATER DISCHARGE INCLUDE DAILY PICKUP OF CONSTRUCTION DEBRIS, INSPECTION, AND PHYSICAL CONTROLS SUCH AS SILT FENCING. INSPECTIONS WILL ALSO BE CONDUCTED TO ENSURE THAT DUST CONTROL MEASURES ARE UTILIZED AS NECESSARY. DURING CONSTRUCTION, MAINTENANCE, CONSTRUCTION AND WASTE MATERIALS WILL BE STORED WITHIN SUITABLE AREAS/DUMPS, AS APPROPRIATE, TO MINIMIZE THE EXPOSURE OF THE MATERIALS TO STORMWATER AND SPILL PREVENTION. ALL MAINTENANCE AND CONSTRUCTION WASTE WILL BE DISPOSED OF IN A SAFE MANNER IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

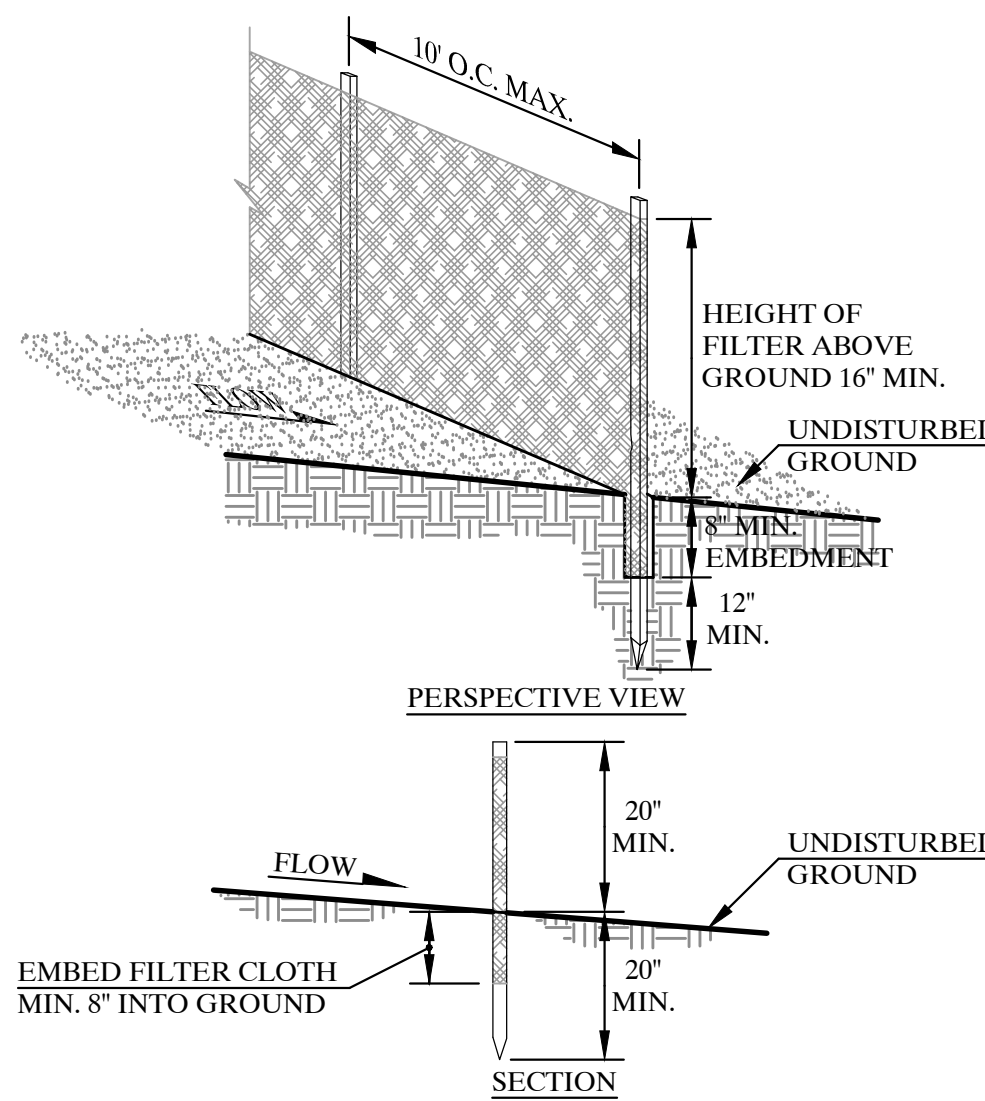
GENERAL CONSTRUCTION SEQUENCING

OUTLINED BELOW IS A BRIEF LISTING OF THE CONSTRUCTION SEQUENCING FOR THE PROJECT.

PRIOR TO ANY INTERIOR SITE ACTIVITY, THE OWNER, CONTRACTOR, OWNER'S ENGINEER AND TOWN ENGINEER SHALL HOLD A PRE-CONSTRUCTION MEETING.

FINAL STABILIZATION AS DEFINED BY THE NYSDEC SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES GP-0-15-002 IS THE ESTABLISHMENT OF A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF EIGHTY (80) PERCENT OVER THE PERVIOUS SURFACE ONCE ALL SOIL DISTURBANCE ACTIVITIES HAVE CEASED. COVER CAN BE VEGETATIVE (E.G., GRASS, TREES, SEED AND MULCH, SHRUBS OR TURF) OR NON-VEGETATIVE (E.G., GEOTEXTILES, RIP-RAP OR GABIONS, PAVEMENT, ROOFS, ETC.).

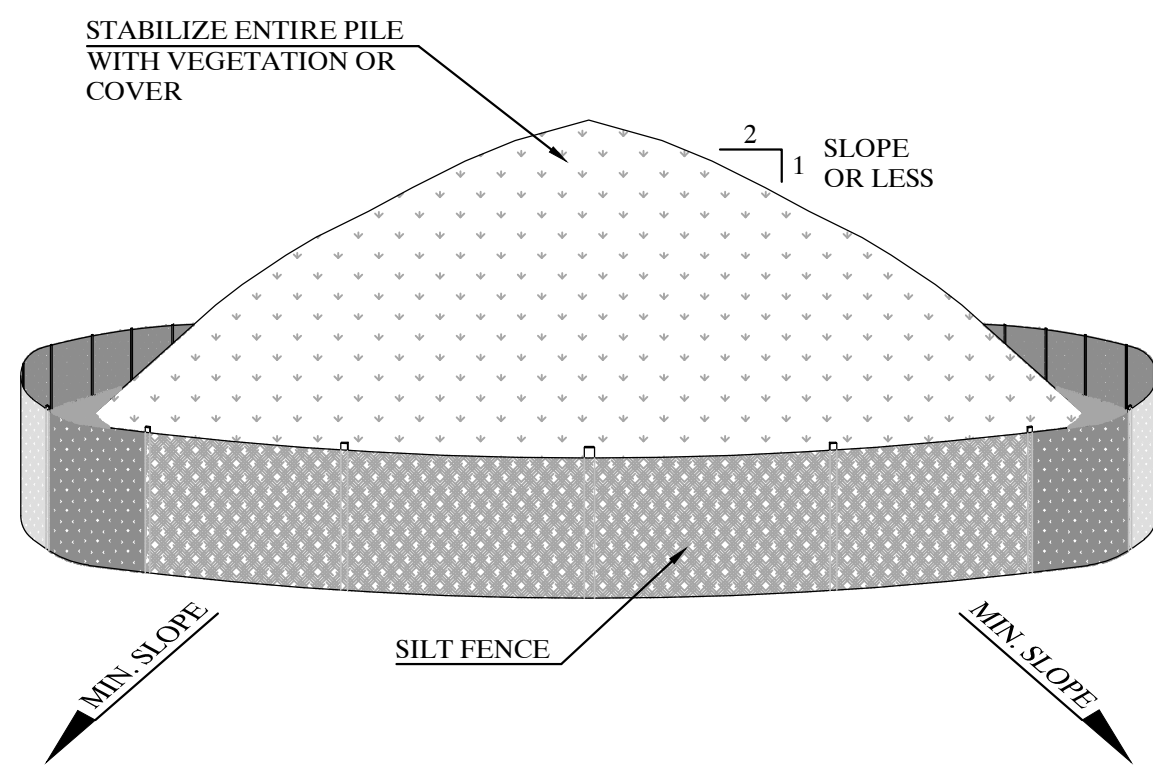
SILT FENCE DETAIL (N.T.S.)



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

- FILTER CLOTH TO BE FASTENED SECURELY TO POSTS AT TOP AND MID SECTION. POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUAL
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE. PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL

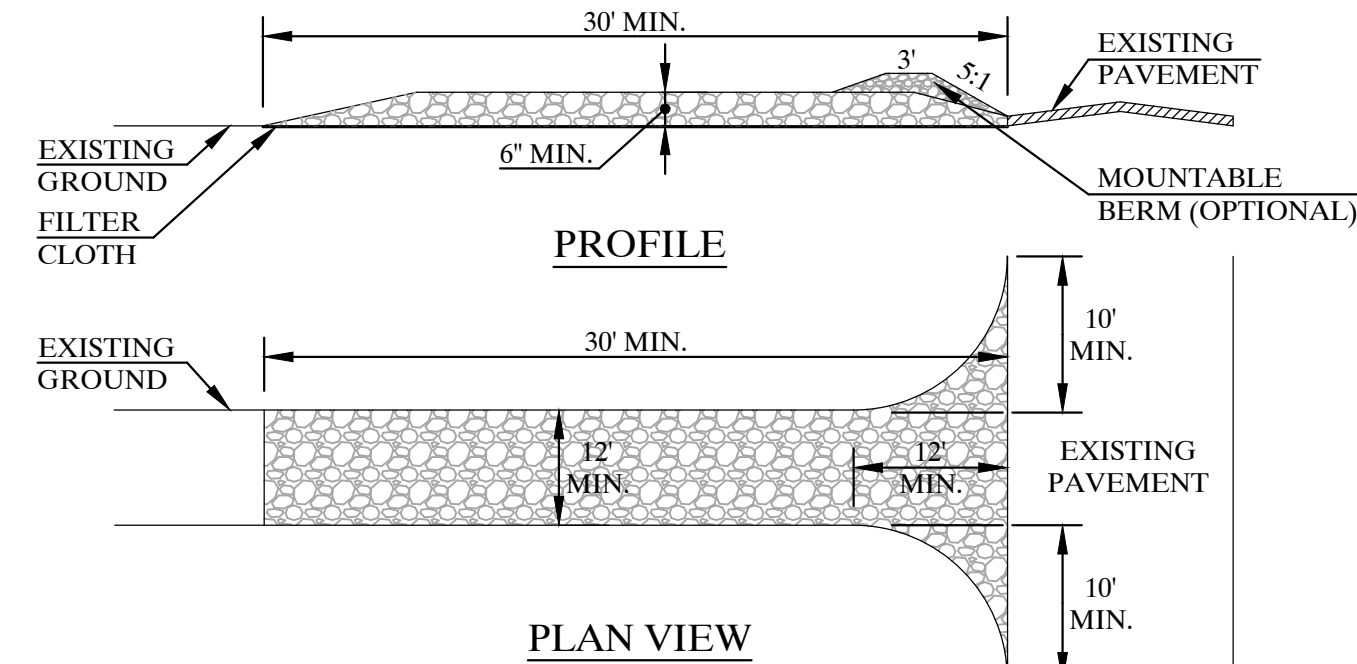
TEMPORARY SOIL STOCKPILE DETAIL (N.T.S.)



INSTALLATION NOTES

- AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
- MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
- UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, THEN STABILIZED WITH VEGETATION OR COVERED.
- SEE SPECIFICATIONS FOR INSTALLATION OF SILT FENCE.

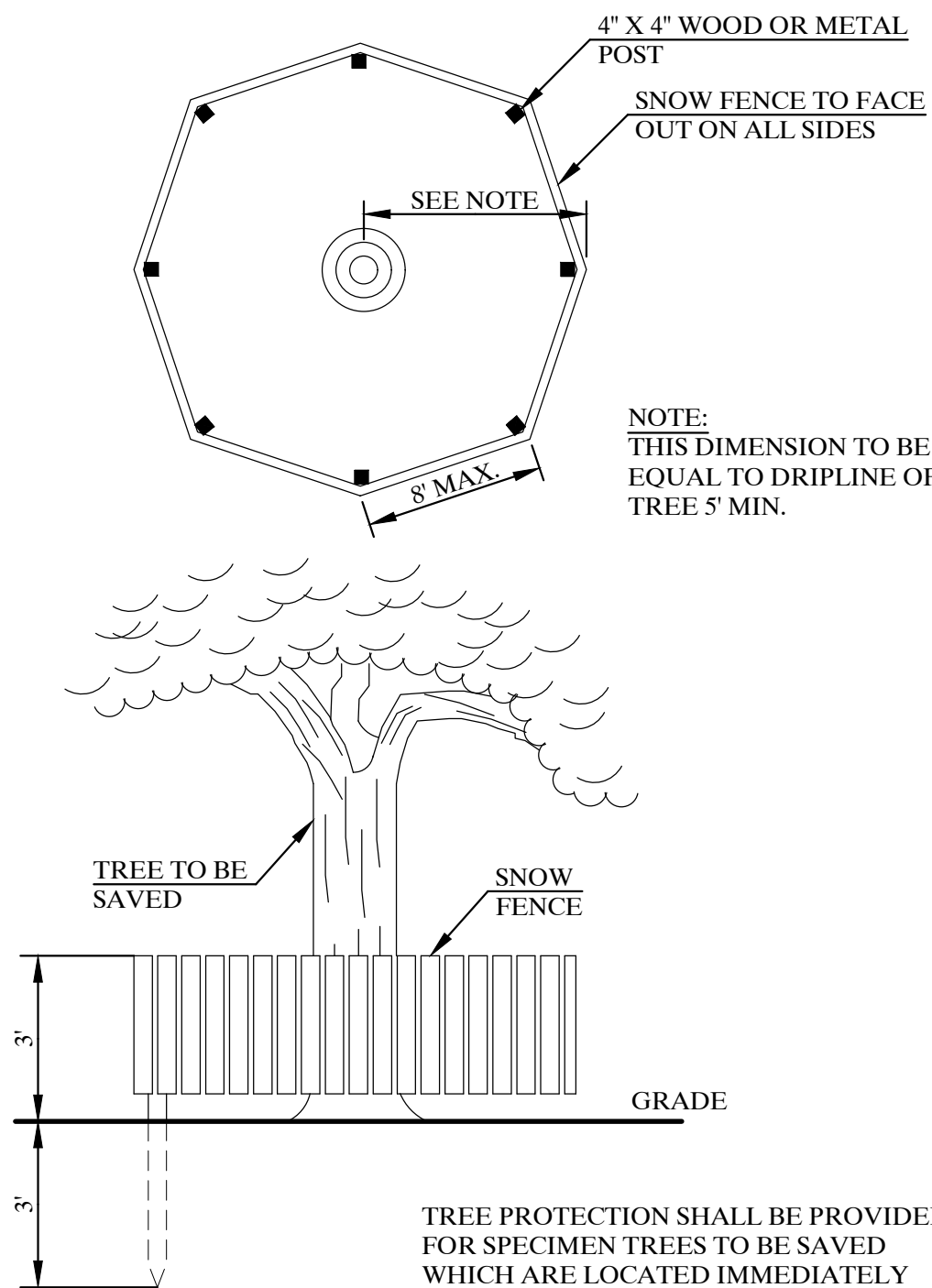
STABILIZED CONSTRUCTION ENTRANCE DETAIL (N.T.S.)



CONSTRUCTION SPECIFICATIONS

- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - 30 FEET.
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

TREE PROTECTION DETAIL (N.T.S.)



TREE PROTECTION SHALL BE PROVIDED FOR SPECIMEN TREES TO BE SAVED WHICH ARE LOCATED IMMEDIATELY ADJACENT TO CONSTRUCTION AREAS OR AS DIRECTED.

THE APPLICANT SHALL NOTIFY THE TOWN OF OSSINGEN ENFORCEMENT OFFICIAL AT LEAST 48 HOURS BEFORE ANY OF THE FOLLOWING AS REQUIRED BY THE STORMWATER MANAGEMENT OFFICER:

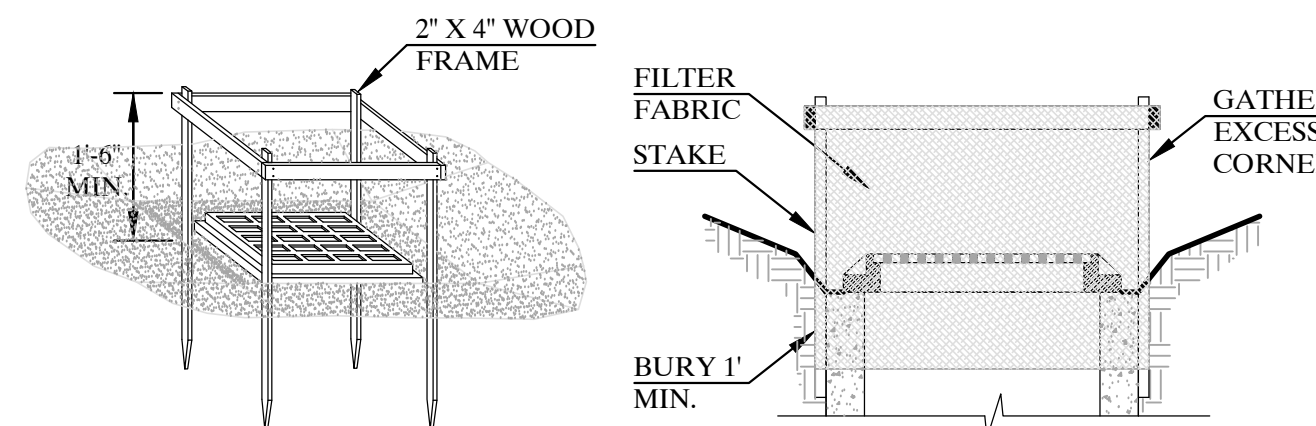
- START OF CONSTRUCTION.
- INSTALLATION OF SEDIMENT AND EROSION CONTROL MEASURES.
- COMPLETION OF SITE CLEARING.
- COMPLETION OF ROUGH GRADING.
- COMPLETION OF FINAL GRADING.
- CLOSE OF THE CONSTRUCTION SEASON.
- COMPLETION OF FINAL LANDSCAPING.
- SUCCESSFUL ESTABLISHMENT OF LANDSCAPING IN PUBLIC AREAS.

CONSTRUCTION SEQUENCING:

- OWNER/OPERATOR TO OBTAIN ALL NECESSARY PERMITS/APPROVALS.
- OWNER/OPERATOR TO CONDUCT A PRE-CONSTRUCTION MEETING.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- INSTALL SILT FENCE AND TREE PROTECTION IN LOCATIONS AS INDICATED ON THE PLAN.
- INITIATE DRIVEWAY MODIFICATIONS.
- ROUGH GRADE DRIVEWAY.
- COMMENCE HOUSE RECONSTRUCTION.
- STOCKPILE EXCAVATED SOIL IN SOIL STOCKPILE LOCATIONS TO RECLAIM FOR FURTHER USE (I.E., LANDSCAPING).
- INSTALL UNDERGROUND INFILTRATION SYSTEM.
- PROVIDE DUST CONTROL DURING CONSTRUCTION AS NECESSARY.
- FINAL GRADE DRIVEWAY.
- INSTALL DRIVEWAY PAVEMENT.

- RE-VEGETATE ALL DISTURBED AREAS.
- FINAL STABILIZE ALL DISTURBED AREAS.
- REMOVE SILT FENCE AND ALL EROSION CONTROL PARAMETERS UPON SITE'S FINAL STABILIZATION.

FILTER FABRIC DROP INLET PROTECTION DETAIL (N.T.S.)



CONSTRUCTION SPECIFICATIONS

- FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
- CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
- STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.
- SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
- FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
- A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY. MAXIMUM DRAINAGE AREA = 1 ACRE

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EROSION AND SEDIMENT CONTROL DETAILS AND NOTES
WILLIAM BUTLER SUBDIVISION

TOWN OF OSSINGEN

WESTCHESTER COUNTY, NEW YORK

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2.	OCTOBER 10, 2017 - ZBA COMMENTS
1.	JUNE 13, 2017

REVISIONS

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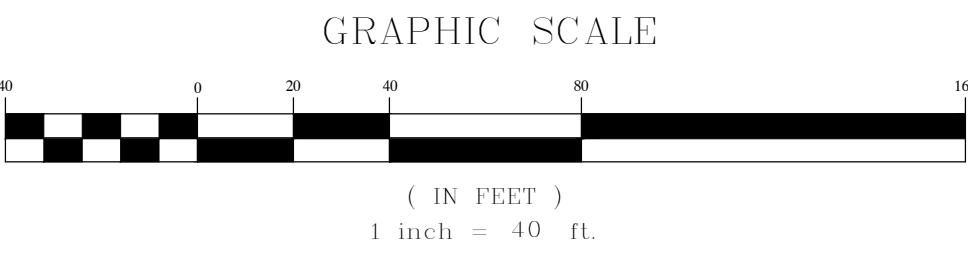
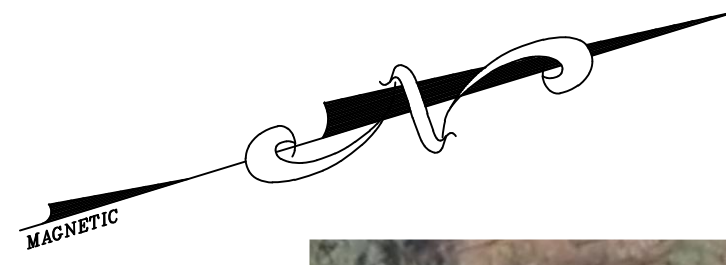
PROJECT I.D.:

DATE:

APRIL 10, 2017

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- LEGEND**
- SITE EXISTING AND PROPOSED PROPERTY LINES
 - EXISTING WETLAND/STREAM
 - 100' WETLAND/STREAM BUFFER
 - PROPOSED RESIDENCE

NOTES:

1. AERIAL INFORMATION OBTAINED FROM WESTCHESTER COUNTY G.I.S. MAPPING DATED 2007.

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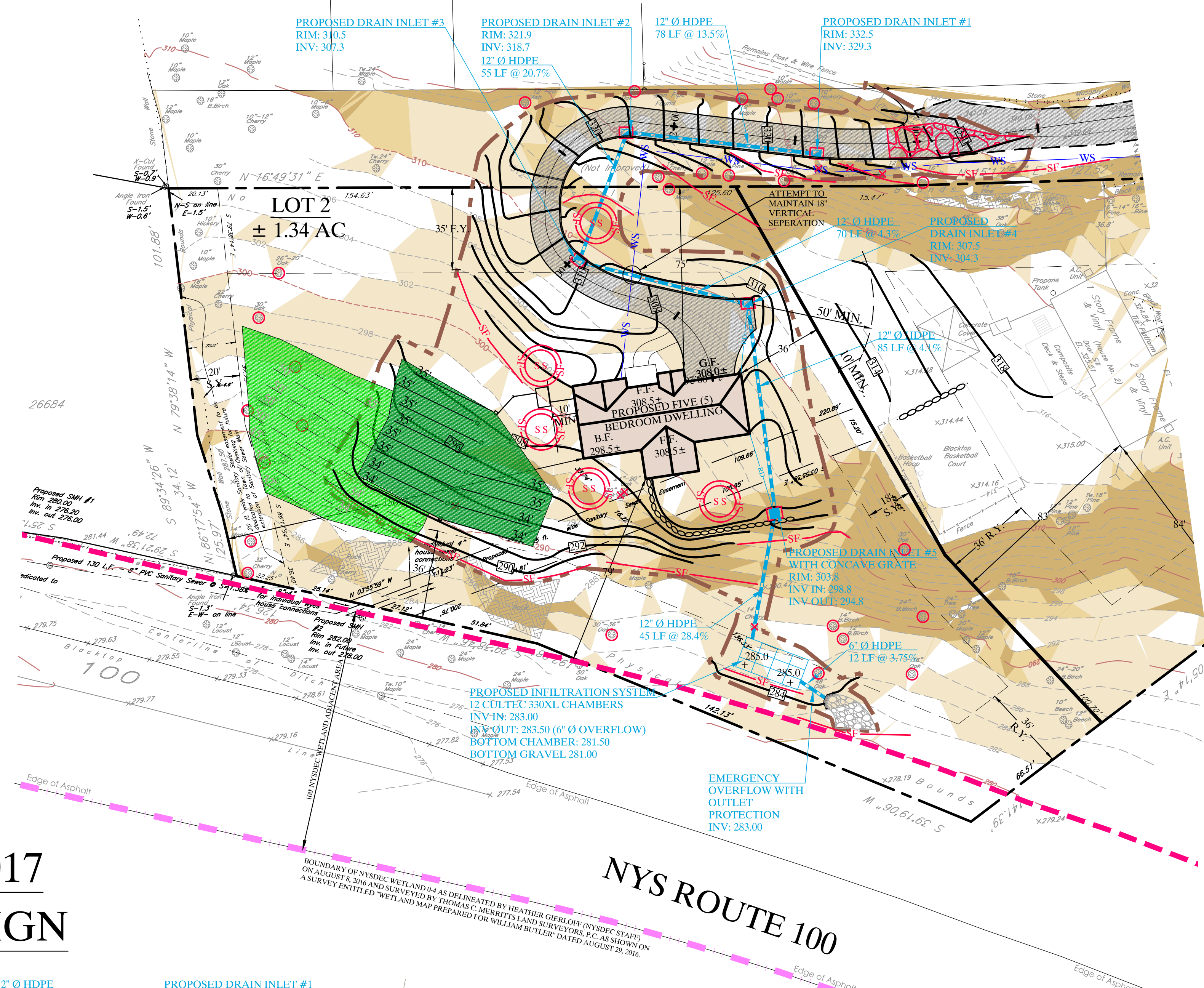
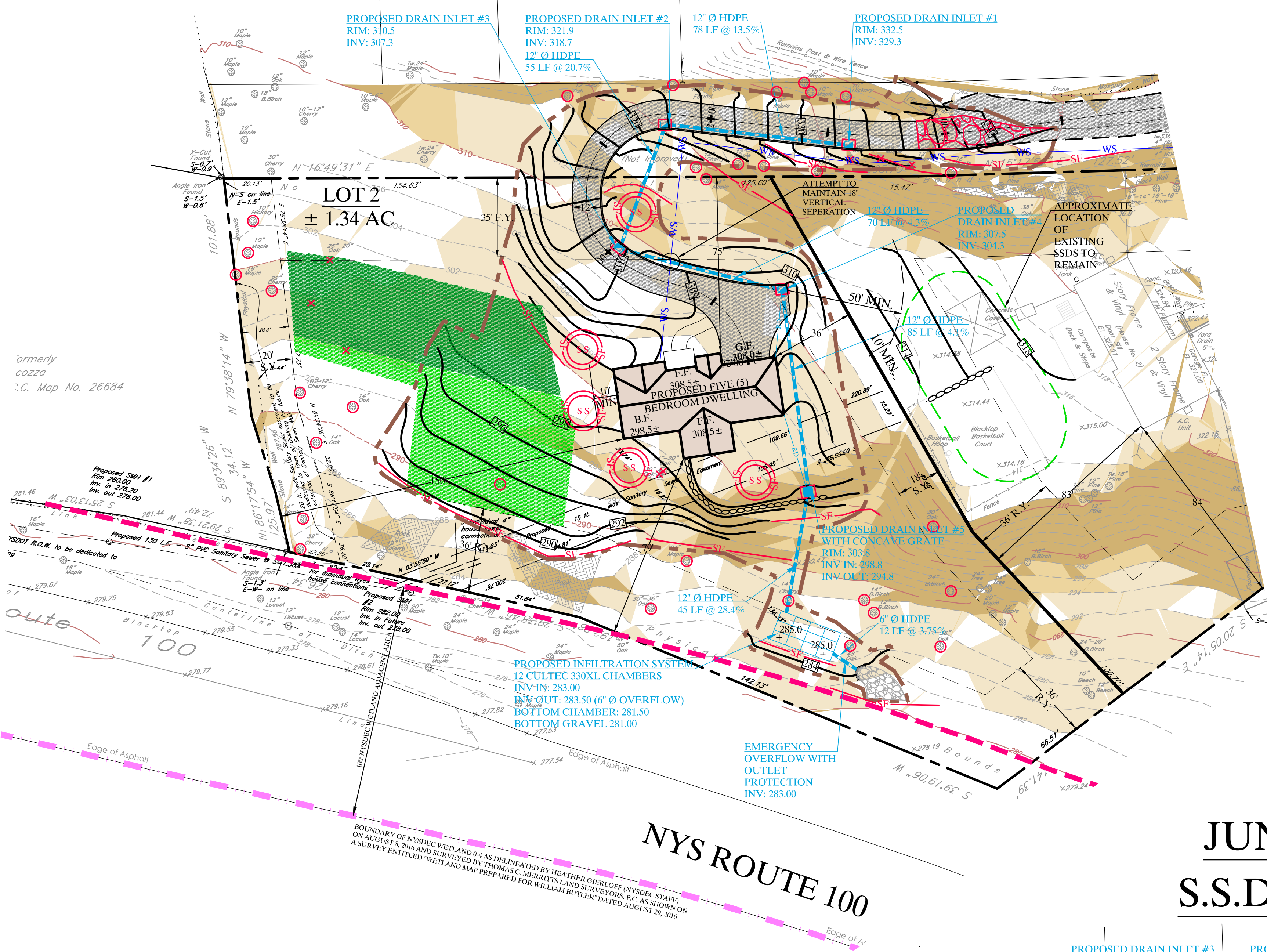
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AERIAL PLAN		
WILLIAM BUTLER SUBDIVISION		
TOWN OF OSSING	WESTCHESTER COUNTY, NEW YORK	
	10	12 12 PROJECT ID: BLR100 DATE: APRIL 10, 2017
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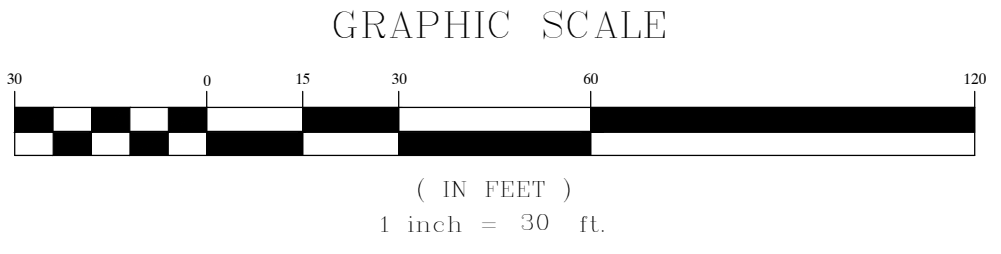
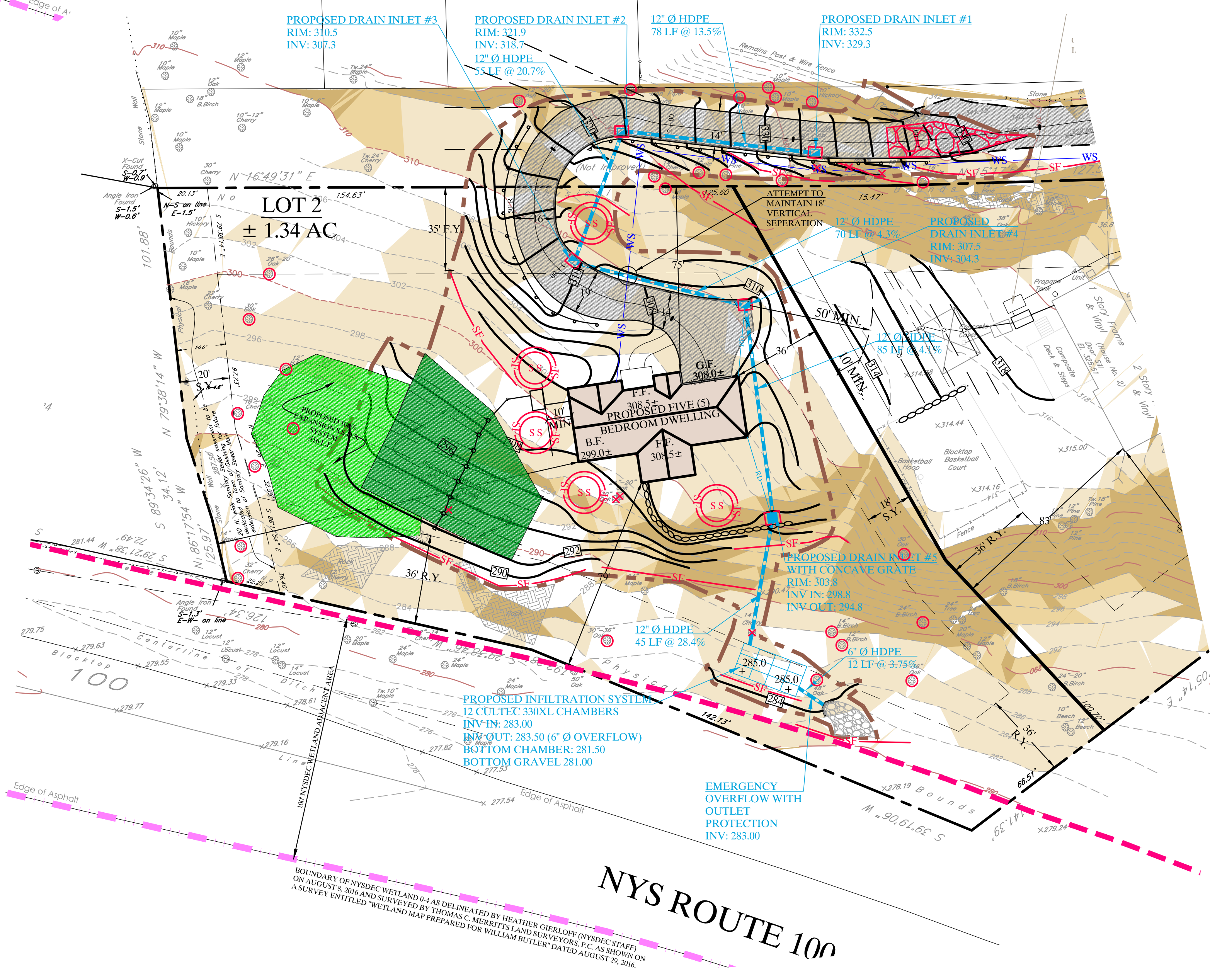
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APRIL 10, 2017
S.S.D.S. DESIGN

MAY 17, 2017
S.S.D.S. DESIGN



JUNE 13, 2017
S.S.D.S. DESIGN



KELLARD SESSIONS CONSULTING	SEPTIC COMPARISON PLAN		
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1 1		PROJECT I.D.: BLR100 DATE: APRIL 10, 2017	
2. OCTOBER 10, 2017 - ZBA COMMENTS		REVISIONS	
1. SEPTEMBER 8, 2017 - 8-7-17 ZBA MEETING COMMENTS			

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