Blue Heel Development

442 South Main Street, Suite 100
Davidson, North Carolina

CASHION SITE
5917 Cashion road
Huntersville, North Carolina

Sketch Plan

Revisions: 00.00.00
12.21.15 REVISIONS PER FIRST REVIEW
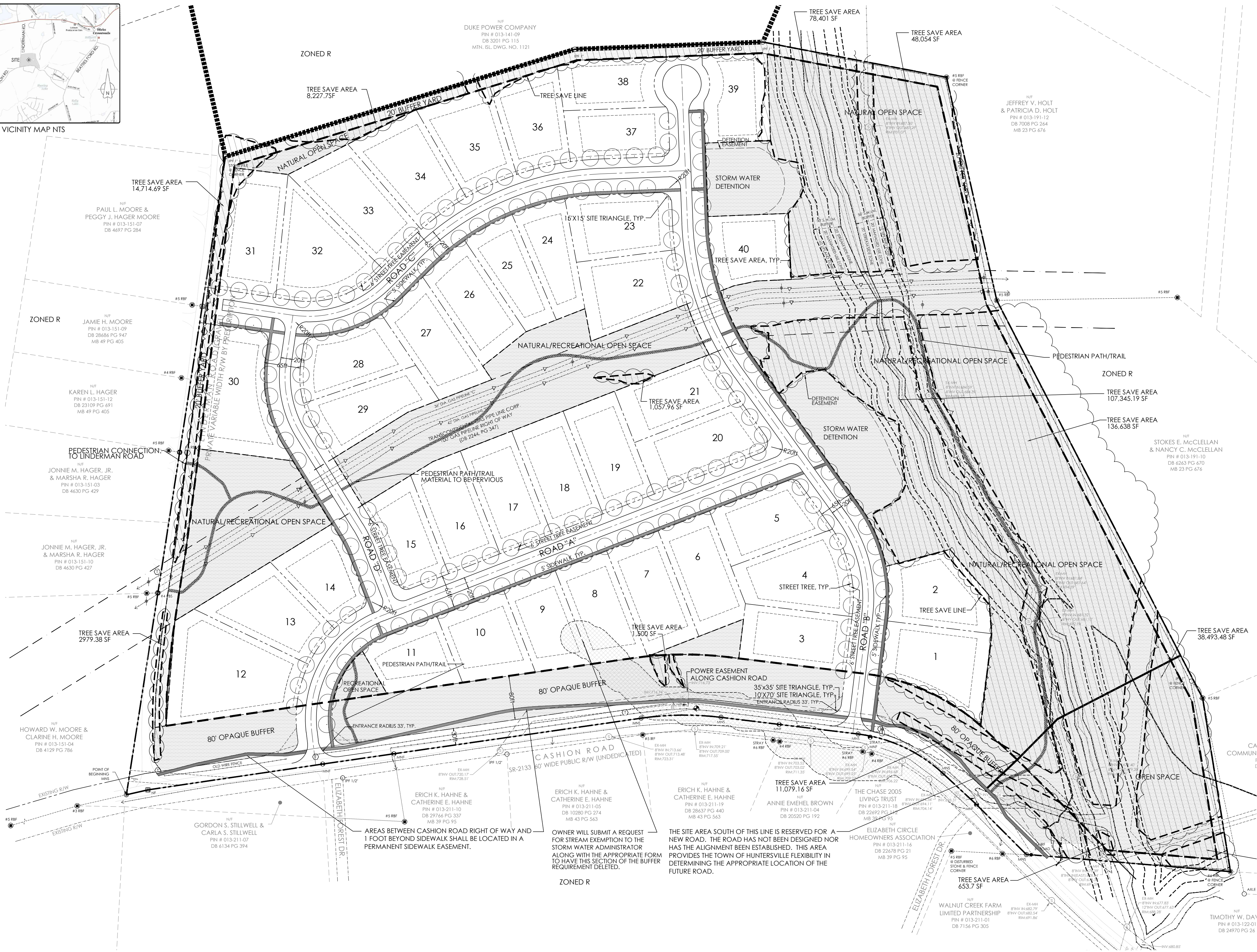01.25.16 REVISIONS PER SECOND REVIEW

Date: 11/02/15
Project No. 1370
Sheet #

L-5

SKETCH PLAN: GENERAL NOTES

- ALL DEVELOPMENT AND CONSTRUCTION SHALL COMPLY WITH ALL ZONING AND SUBDIVISION STANDARDS OF THE TOWN OF HUNTERSVILLE, MECKLENBURG COUNTY, AND NCDOT, AS APPLICABLE.
- THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS AND/OR RIGHT-OF-WAY OF RECORD.
- ALL AREAS DESIGNATED AS COMMON AND/OR URBAN OPEN SPACE SHALL BE OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION AND DEDICATED FOR PERPETUITY.
- ACCESS (INGRESS/EGRESS) LOCATION AND DESIGN SHOWN ON THIS SKETCH PLAN ARE SUBJECT TO ACHIEVING VERTICAL AND HORIZONTAL SIGHT DISTANCES, TURN LANE IMPROVEMENTS (INCLUDING RIGHT-OF-WAY) AND INTERSECTION WITH ADJACENT AND OPPOSING ACCESS POINTS. MODIFICATIONS TO PLAN MAY RESULT.
- LARGE MATURING TREES WILL BE PLANTED 40' O/C WITHIN THE REQUIRED PLANTING STRIP ALONG ALL STREETS WITH THE EXCEPTION OF RURAL PARKWAYS WHERE EXISTING TREES CAN SATISFY THE STREET TREE REQUIREMENT.
- SMALL MATURING TREES ARE TO BE USED WHERE OVERHEAD POWER LINES EXIST.
- ALL DELIVERY AND GARBAGE PICK UP WILL BE FROM THE PUBLIC STREETS WITHIN THE SUBDIVISION.
- ALL LOTS WITHIN THE SUBDIVISION ARE GREATER THAN 60 FEET IN WIDTH, THEREFORE FRONT LOADING GARAGES SHALL BE RECESSED AT LEAST 10 FEET BEHIND THE PRIMARY PLANE OF THE FRONT FACADE OF THE STRUCTURE.
- A TIA APPLICATION WAS SUBMITTED TO THE TOWN OF HUNTERSVILLE AND WAS IT WAS DETERMINED ON 8/19/15 THAT A TIA WAS NOT REQUIRED.
- THE TOWN OF HUNTERSVILLE REQUIRES THAT ALL STREETS PROPOSED TO BE TAKEN OVER BY THE TOWN FOR MAINTENANCE BE REVIEWED, INSPECTED, AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NORTH CAROLINA FOR ADEQUATE CONSTRUCTION. REVIEW OF STREET CONSTRUCTION BY THE CERTIFYING ENGINEER IS REQUIRED THROUGHOUT THE CONSTRUCTION PROCESS. REFER TO THE TOWN OF HUNTERSVILLE ENGINEERING STANDARDS AND PROCEDURES MANUAL FOR ADDITIONAL INFORMATION INCLUDING THE REQUIRED CERTIFICATION FORM.
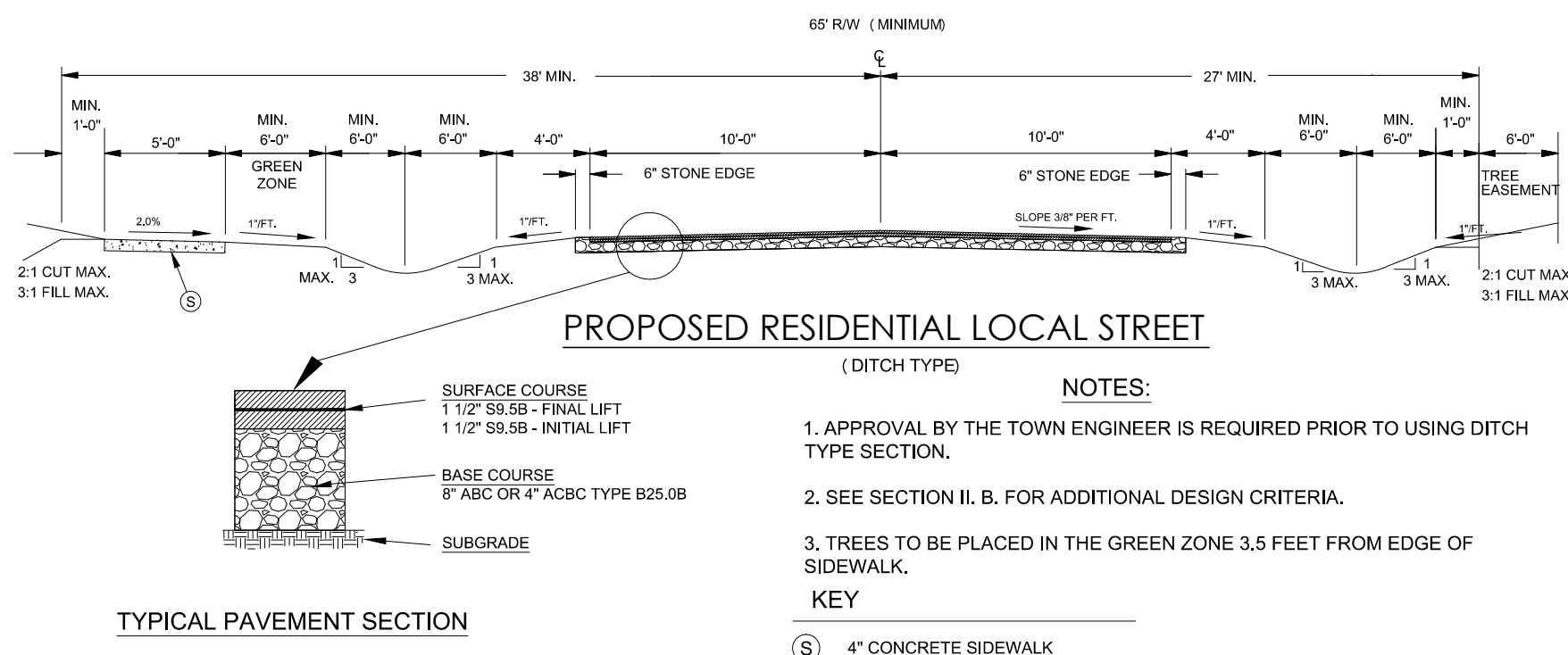
ADDITIONAL NOTES

- STREET CROSS SECTION UTILIZED IS A MODIFIED CROSS SECTION OF THE TOWN OF HUNTERSVILLE STANDARD CROSS SECTION 200.4 PLANNING STAFF AGREED TO DROP THE 6' GREEN ZONE TO MAKE THE TOTAL CROSS SECTION 65' WIDE.
- ALL STREETS ARE PUBLIC STREETS.
- EDGE OF PAVEMENT RADIUS IS 20' AT INTERSECTIONS.
- LINDERMAN ROAD CURRENTLY SITS ON PART OF THIS PROPERTY. THIS PLAN PRESERVES THE EXISTING STREET AND PRESERVES THE ROW BY PRESCRIPTION. FOR THIS PURPOSE, THE REQUIRED 20' BUFFER WAS DRAWN AT THE EXISTING FENCE LINE ALONG LINDERMAN ROAD.
- THERE IS AN EXISTING HEDGEROW OF CEDAR ALONG LINDERMAN WHICH WE PROPOSE SATISFIES THE REQUIRED 20' BUFFER YARD.
- THERE WERE DETERMINED TO BE NO WETLANDS ON THE SITE.
- THERE IS A REQUIRED 80' BUFFER ALONG CASHION ROAD.
- STREET TREES AND LOT TREES WILL BE PROVIDED PER THE TOWN OF HUNTERSVILLE ZONING ORDINANCE.
- THE APPLICANT AGREES TO RESERVE THE AREA IDENTIFIED ON THIS PLAN FOR A FUTURE ROAD CONNECTION TO THE EAST ACROSS THE CREEK TO THE ADJOINING PROPERTY.
- THE PROPERTY LINE CURRENTLY GOES TO THE MIDDLE OF CASHION ROAD. APPLICANT AGREES TO DEDICATE THE NECESSARY ROW WHICH IS +/- 1.2 ACRES OF LAND.
- THE SITE HAS NOT BEEN DE-FORESTED IN THE PAST THREE YEARS.
- REQUIRED STREET TREES AND LOT TREES WILL BE PROVIDED IN ACCORDANCE WITH THE HUNTERSVILLE ZONING ORDINANCE.
- 15'X15' SITE TRIANGLES ARE SHOWN ON ALL INTERNAL STREET INTERSECTIONS. A 35'X35' AND 10' X 70' SITE TRIANGLE IS SHOWN ON THE TWO CONNECTIONS TO CASHION ROAD.
- THE EXISTING POWER LINES AND EASMENTS ON THE INTERIOR OF THIS SITE WILL GO AWAY. THE POWER EASEMENT ALONG CASHION ROAD WILL REMAIN.
- LOT BUA IS SUBJECT TO CHANGE DURING THE CONSTRUCTION DOCUMENT PHASE AS LONG AS THE TOTAL MAXIMUM SITE BUA LISTED ON THESE PLANS IS NOT EXCEEDED.
- BOTH ENTRANCES FROM CASHION ROAD SHALL BE DESIGNED TO ACCOMMODATE A FIRE TRUCK.
- DURING CONSTRUCTION PLAN SUBMITTAL, FIRE HYDRANT LOCATIONS AND CALCULATIONS WILL BE PROVIDED.
- LENGTH OF SIDEWALK ALONG CASHION ROAD IS +/- 1,687 LF.

NOTE: FOR IMPERVIOUS AREA INFORMATION, AND BUA SUMMARY CHART CALCULATIONS SEE SHEET L-1

BLOCK LENGTH TABLE:

- ROAD "A" FROM CASHION ROAD TO INTERSECTION WITH ROAD "D": 348'
- ROAD "A" FROM ROAD "D" TO INTERSECTION WITH ROAD "B":784'
- ROAD "B" FROM CASHION ROAD TO INTERSECTION OF ROAD "A": 532'
- ROAD "B" FROM INTERSECTION OF ROAD "A" TO INTERSECTION OF ROAD "C": 585'
- ROAD "B" CUL-DE-SAC:192'
- ROAD "C" FROM INTERSECTION WITH ROAD "B" TO INTERSECTION WITH ROAD "D": 789
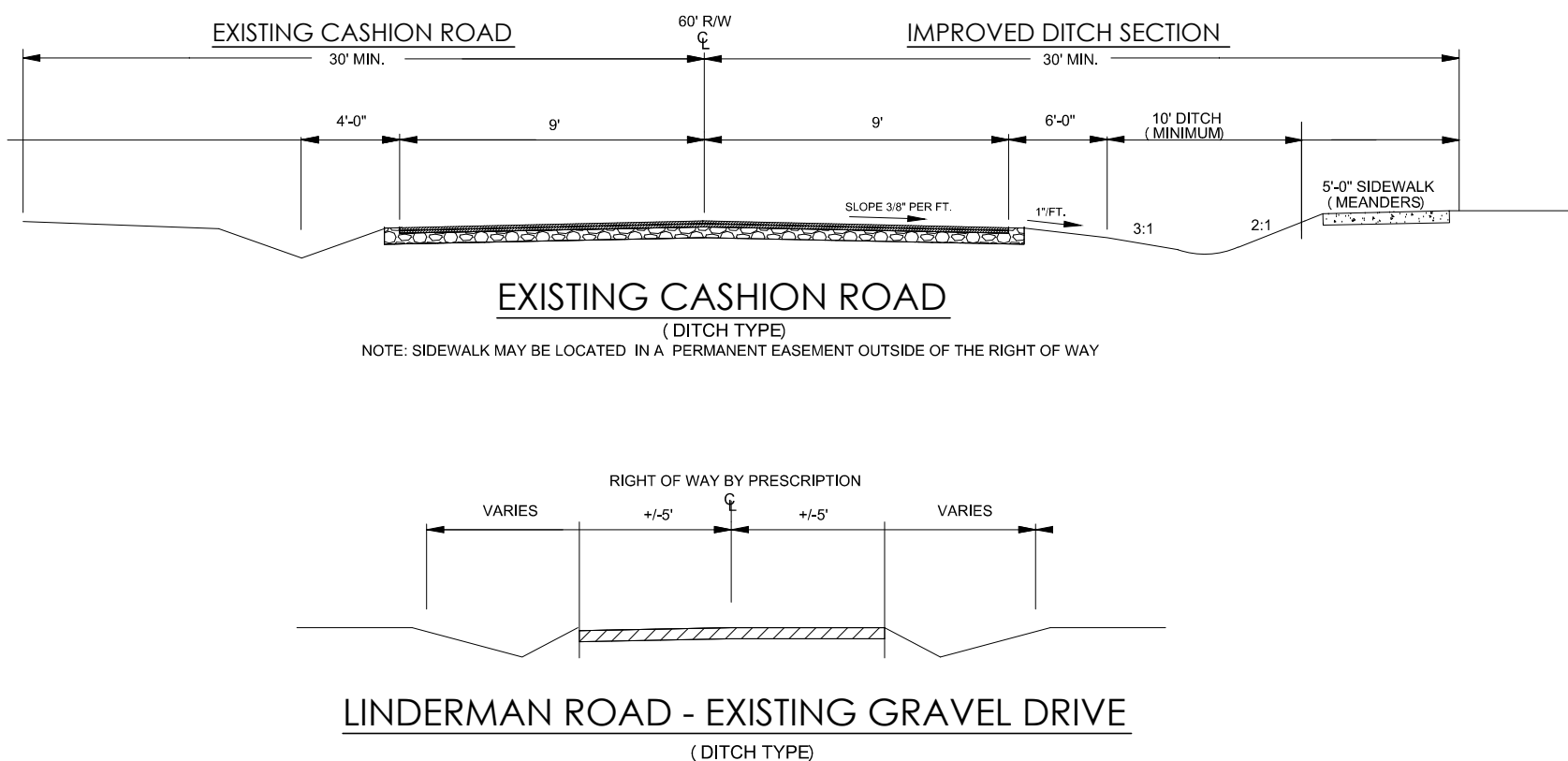- ROAD "C" FROM ROAD "D" TO PROPERTY LINE: 129'
- ROAD "D": 586'

HATCH LEGEND

OPEN SPACE:

TREE SAVE AREA:
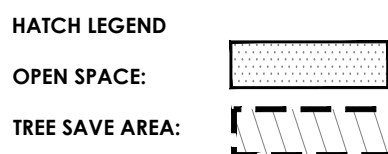
Site Plan Data Table

Total Acreage	46.52 acres
Total Square Feet	2,026,411.20
Right of Way Dedication on Cashion Road	1.2 ac
Right of way to be preserved for Linderman	16,685 sf
Site Area to be used for Open space calculations	45.3 ac (Total site ac minus Cashion ROW)
Principle Uses	Residential Subdivision
Zoning	Rural
POST CONSTRUCTION % of Impervious allowed	12%
% of Impervious shown	15.10%
Lot Count	40
Lot Range Size	
Lot Width	90' wide to 217' wide
Lot Acreage	15,763 sf to 36,188 sf
Number of Lots within each size Category	
90' x 200'	2 Lots
100'-110' x 200'	32
110'+ -200'	3
Wide Shallow lots (min. 95' deep x 130'-150' wide)	3
Average Lot Width	109'
Average Lot sf	20,394 sf
Setbacks	
Front Setback	25'
Side Yards	12'
Corner Lot Side Yard	15'
Rear yard	25'
Watershed District	MOUNTAIN ISLAND LAKE PA 1
LOW DENSITY	36% impervious area allowed
Tree Preservation and Canopy	
Specimen Trees on site	55
Heritage Trees on site	0
Specimen Trees saved	42
% of Specimen Trees required to save	50%
% of Specimen Trees saved	76%
% of Site covered by tree canopy	33% (15.07 ac)
% of tree canopy preservation required	50% (7.5 ac)
% of tree canopy actually saved	69%
Open space provided	20.80 ac
Site Density	.88 units/acre
% Open space required	45% (or 20.4 ac)
% of Open space provided	45.9% (or 20.80 ac)

VICINITY MAP NTS

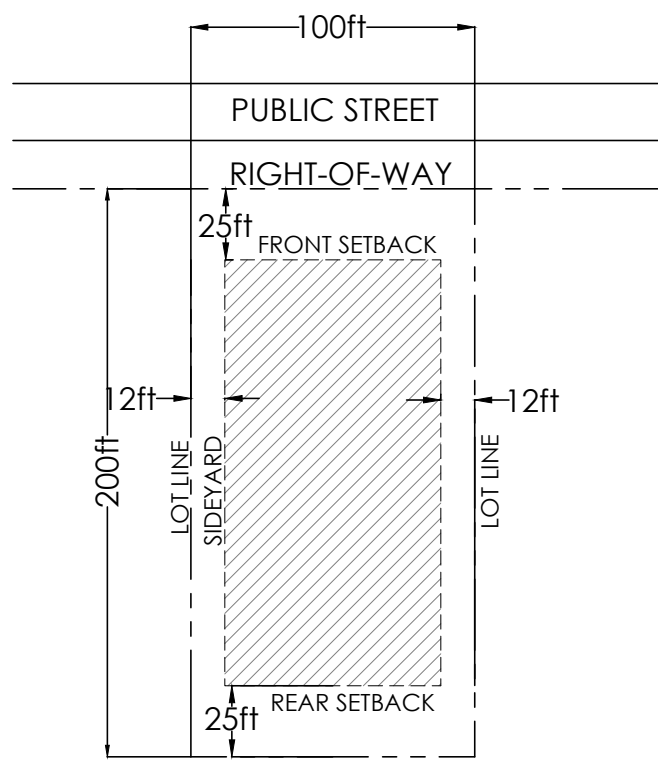**TYPICAL PAVEMENT SECTION**

PROPOSED RESIDENTIAL LOCAL STREET
(DITCH TYPE)

NOTES:
1. APPROVAL BY THE TOWN ENGINEER IS REQUIRED PRIOR TO USING DITCH TYPE SECTION.
2. SEE SECTION II. B. FOR ADDITIONAL DESIGN CRITERIA.
3. TREES TO BE PLACED IN THE GREEN ZONE 3.5 FEET FROM EDGE OF SIDEWALK.

KEY
Ⓢ 4" CONCRETE SIDEWALK

SURFACE COURSE
1 1/2" S9.5B - FINAL LIFT
1 1/2" S9.5B - INITIAL LIFT
BASE COURSE
8" ABC OR 4" ACBC TYPE B25.0B
SUBGRADE

EXISTING CASHION ROAD
(DITCH TYPE)

NOTE: SIDEWALK MAY BE LOCATED IN A PERMANENT EASEMENT OUTSIDE OF THE RIGHT OF WAY

LINDERMAN ROAD - EXISTING GRAVEL DRIVE
(DITCH TYPE)

RIGHT OF WAY BY PRESCRIPTION

LOT DIAGRAM 1: TYPICAL LOT

PUBLIC STREET
RIGHT-OF-WAY
FRONT SETBACK 25'
LOT LINE / SIDEYARD 12'
REAR SETBACK 25'
100ft / 200ft
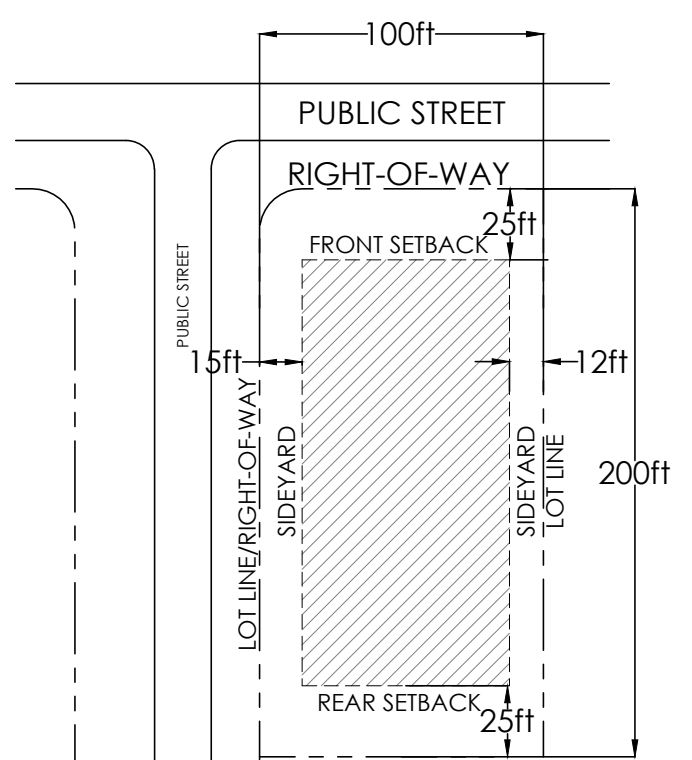
LOT DIAGRAM 2: TYPICAL CORNER LOT

PUBLIC STREET
RIGHT-OF-WAY
FRONT SETBACK 25'
SIDEYARD 15' / 12'
REAR SETBACK 25'
100ft / 200ft
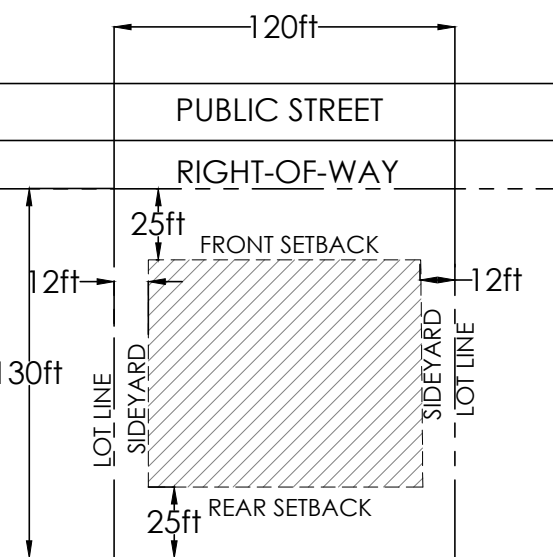
LOT DIAGRAM 3: TYPICAL WIDE - SHALLOW LOT

PUBLIC STREET
RIGHT-OF-WAY
FRONT SETBACK 25'
SIDEYARD 12' / 12'
REAR SETBACK 25'
120ft / 130ft

Scale: 1"=100'-0"
0   50   100   200
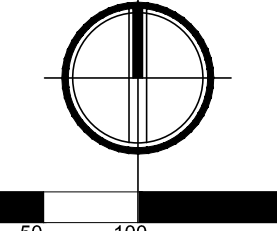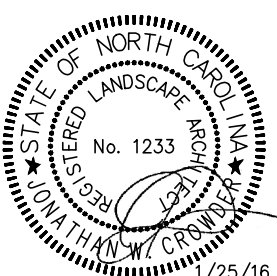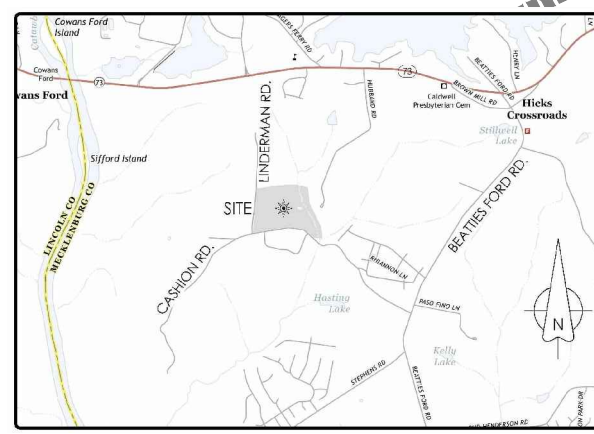
EXISTING GAPS IN THE TREE LINE SHALL BE PLANTED PER THE 20' BUFFER DETAILED ON THIS SHEET.

DUKE POWER COMPANY
PIN # 013-141-09
DB 3201 PG 115
MTH. ISL DWG. NO. 1121

HATCHED AREA REPRESENTS THE TREE SAVE AREA. TREE LINE DEPICTED REPRESENTS THE NEW TREE LINE.

UTILIZE EXISTING FORESTED EDGE ALONG NORTHERN BOUNDARY TO SATISFY THE 20' BUFFER YARD.

JEFFREY V. HOLT & PATRICIA D. HOLT
PIN # 013-191-12
DB 7008 PG 264
MB 25 PG 676

SPECIMEN TREE, TYP.

2 SPECIMEN TREES TO BE REMOVED

UTILIZE EXISTING FORESTED EDGE ALONG EASTERN BOUNDARY TO SATISFY THE 20' BUFFER YARD.

PAUL L. MOORE & PEGGY J. HAGER MOORE
PIN # 013-151-07
DB 4697 PG 284

SPECIMEN TREE, TYP.

UTILIZE EXISTING FORESTED EDGE ALONG EASTERN BOUNDARY TO SATISFY THE 20' BUFFER YARD.

STOKES E. McCLELLAN & NANCY C. McCLELLAN
PIN # 013-191-10
DB 6263 PG 470
MB 25 PG 676

JAMIE H. MOORE
PIN # 013-151-09
DB 28686 PG 947
MB 49 PG 405

10 SPECIMEN TREES TO BE REMOVED

KAREN L. HAGER
PIN # 013-151-12
DB 2310? PG 691
MB 49 PG 405

UTILIZE EXISTING EVERGREEN HEDGE ROW ALONG LINDERMAN TO SATISFY THE 20' BUFFER YARD.

1 SPECIMEN TREE TO BE REMOVED

SPECIMEN TREE, TYP.

STREET TREE, TYP. 40' O.C.

JONNIE M. HAGER, JR. & MARSHA R. HAGER
PIN # 013-151-03
DB 4630 PG 429

SPECIMEN TREE, TYP.

JONNIE M. HAGER, JR. & MARSHA R. HAGER
PIN # 013-151-10
DB 4630 PG 427

UTILIZE EXISTING EVERGREEN HEDGEROW ALONG LINDERMAN TO SATISFY THE 20' BUFFER YARD.

80' BUFFER IMPACTED BY THE EXISTING POWER EASEMENT

80' BUFFER NOT IMPACTED BY THE EXISTING POWER EASEMENT

HOWARD W. MOORE & CLARINE H. MOORE
PIN # 013-151-04
DB 4129 PG 786

80' BUFFER NOT IMPACTED BY THE EXISTING POWER EASEMENT

GORDON S. STILLWELL & CARLA S. STILLWELL
PIN # 013-151-07
DB 6134 PG 394

CASHION ROAD
SR-2133 60' WIDE PUBLIC R/W (UNDEDICATED)

ERICH K. HAHNE & CATHERINE E. HAHNE
PIN # 013-211-10
DB 29766 PG 337
MB 39 PG 95

ERICH K. HAHNE & CATHERINE E. HAHNE
PIN # 013-211-05
DB 28637 PG 440
MB 43 PG 563

ERICH K. HAHNE & CATHERINE E. HAHNE
PIN # 013-211-19
DB 10280 PG 274
MB 43 PG 563

ANNIE EMEHEL BROWN
PIN # 013-211-18
DB 20520 PG 192

THE CHASE 2005 LIVING TRUST
PIN # 013-211-18
DB 22692 PG 112
MB 39 PG 95

ELIZABETH CIRCLE HOMEOWNERS ASSOCIATION
PIN # 013-211-16
DB 22678 PG 21
MB 39 PG 95

SUPLEMENT EXISTING VEGETATED EDGE ALONG CASHION ROAD TO SATISFY THE 80' BUFFER.

WALNUT CREEK FARM LIMITED PARTNERSHIP
PIN # 013-211-01
DB 7156 PG 305

TIMOTHY W. DAV
DB 24970 PG 26

PLANTING: GENERAL NOTES.

- LARGE MATURING TREES WILL BE PLANTED 40' O/C WITHIN THE REQUIRED PLANTING STRIP ALONG ALL STREETS WITH THE EXCEPTION OF RURAL PARKWAYS WHERE EXISTING TREES CAN SATISFY THE STREET TREE REQUIREMENT.
- SMALL MATURING TREES ARE TO BE USED WHERE OVERHEAD POWER LINES EXIST.
- STREET TREES WILL BE PLACED WITHIN A 6' STREET TREE EASEMENT ON THE SIDE OF THE STREET THAT DOES NOT HAVE A SIDEWALK.
- ALL PLANTING WILL COMPLY WITH THE TOWN OF HUNTERSVILLE REQUIREMENTS.
- THE REQUIRED 20' BUFFER YARD IS SATISFIED WITH EXISTING VEGETATION ALONG THE PERIMETER OF THE SITE, WITH THE EXCEPTION OF CASHION ROAD, WHICH WILL BE PLANTED AS THE REQUIRED 80' BUFFER.
- RESIDENTIAL LOT TREES WILL BE PROVIDED PER THE HUNTERSVILLE ORDINANCE
    LOTS BETWEEN 15,000 SF AND 20,000 SF REQUIRE 2 FRONT AND 2 REAR YARD TREES
    LOTS MORE THAN 20,000 SF REQUIRE 3 FRONT AND 3 REAR YARD TREES.
- SPECIMEN TREES SHOWN ARE NOTED WITH THE SIZE LISTED BUT SPECIES NAMES WERE NOT PROVIDED ON THE SURVEY.
- SPECIMEN TREES TO BE REMOVED ARE NOTED ON THIS SHEET.

80' OPAQUE SCREEN ALONG CASHION ROAD (SEE DIAGRAM BELOW)
3 TREES/1000 SF OF AREA
100 LF EXAMPLE (80'X100'=8000SF)
24 TREES REQUIRED (50% TO BE EVERGREEN)
    6 LARGE MATURING
    6 SMALL MATURING
    12 EVERGREEN
SHRUBS
10 SHRUBS/1000 SF (75% EVERGREEN)
80 SHRUBS REQUIRED PER 100 LF OF 80' BUFFER

NOTE REGARDING THE BUFFER AREA IMPACTED BY THE POWER EASEMENT. WE REPLACED 2 LARGE EVERGREEN TREES WITH TWO SMALL MATURING TREES TO ACCOMODATE THE POWER EASEMENT.

20' BUFFER YARD
3 TREES/100 SF OF AREA
100 LF EXAMPLE (20' X 100'= 2000SF)
6 TREES REQUIRED (25% TO BE EVERGREEN)
20 SHRUBS REQUIRED (100% EVERGREEN)

LEGEND
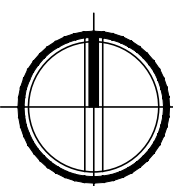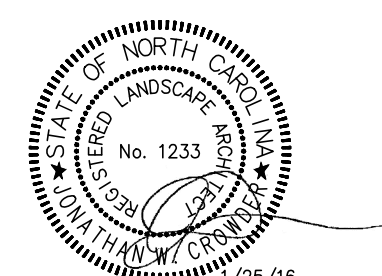OPEN SPACE SYMBOL
TREE SAVE SYMBOL

CASHION SITE
5917 Cashion road
Huntersville, North Carolina

PLANTING PLAN

Revisions:
12/21/15 REVISIONS PER FIRST REIVEW
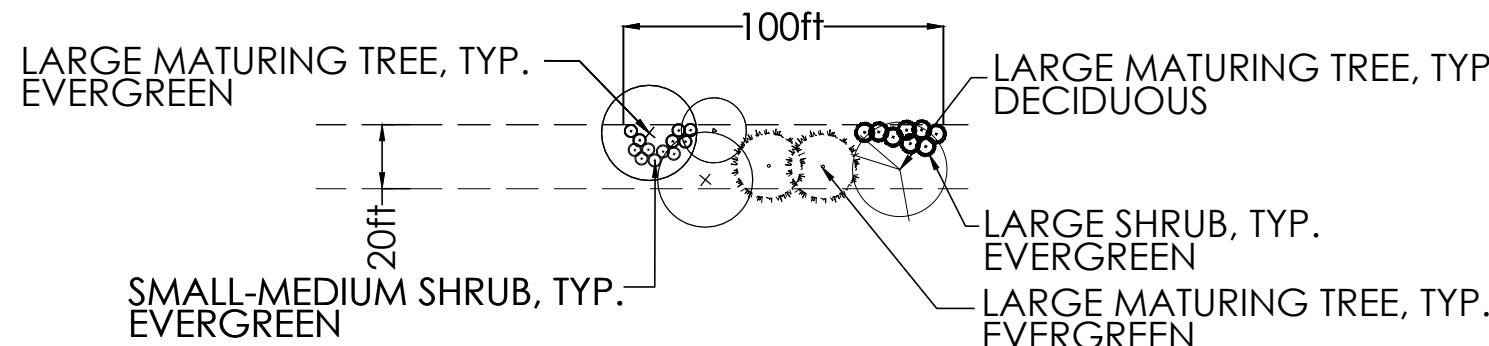01.25.16 REVISIONS PER SECOND REVIEW
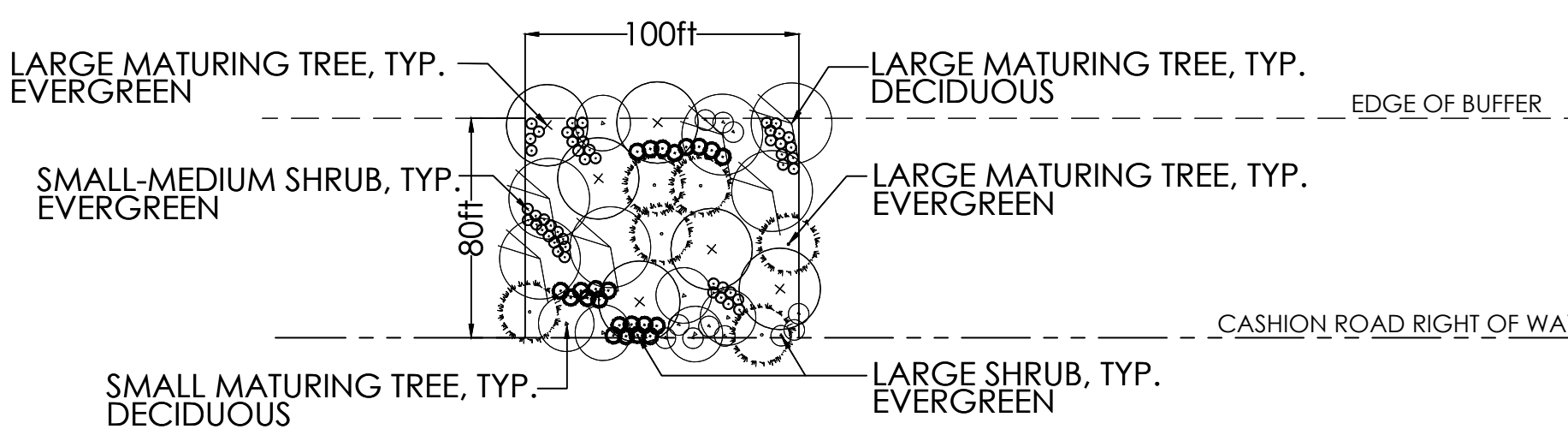
Date: 11/02/15
Project No.   1370

Sheet #

L-6

20' REQUIRED BUFFER YARD.
THIS TYPICAL SECTION WILL BE USED IN THE EVENT THAT THE EXISTING VEGETATION IS DETERMINED TO BE INSUFFICIENT TO MEET THE TOWNS STANDARD.

LARGE MATURING TREE, TYP. EVERGREEN
LARGE MATURING TREE, TYP. DECIDUOUS
SMALL-MEDIUM SHRUB, TYP. EVERGREEN
LARGE SHRUB, TYP. EVERGREEN
LARGE MATURING TREE, TYP. EVERGREEN

80' OPAQUE BUFFER - TYPICAL 100' SECTION WITH NO IMPACT FROM POWER EASEMENT

LARGE MATURING TREE, TYP. EVERGREEN
LARGE MATURING TREE, TYP. DECIDUOUS
EDGE OF BUFFER
SMALL-MEDIUM SHRUB, TYP. EVERGREEN
LARGE MATURING TREE, TYP. EVERGREEN
CASHION ROAD RIGHT OF WAY
SMALL MATURING TREE, TYP. DECIDUOUS
LARGE SHRUB, TYP. EVERGREEN
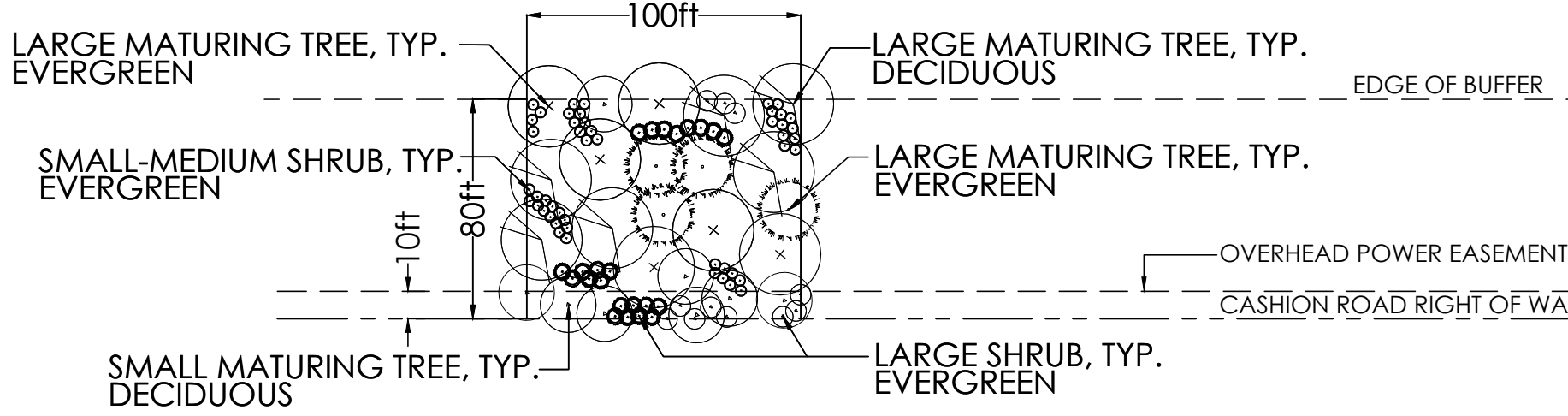
80' OPAQUE BUFFER - TYPICAL 100' SECTION WITH IMPACT FROM POWER EASEMENT

LARGE MATURING TREE, TYP. EVERGREEN
LARGE MATURING TREE, TYP. DECIDUOUS
EDGE OF BUFFER
SMALL-MEDIUM SHRUB, TYP. EVERGREEN
LARGE MATURING TREE, TYP. EVERGREEN
OVERHEAD POWER EASEMENT
CASHION ROAD RIGHT OF WAY
SMALL MATURING TREE, TYP. DECIDUOUS
LARGE SHRUB, TYP. EVERGREEN

1"=100'-0"

Blue Heel Development

442 South Main Street, Suite 100
Davidson, North Carolina

CASHION SITE
5917 Cashion road
Huntersville, North Carolina

Sketch Plan

Revisions:
01.25.16 - Revisions per County Comments

FOR SKETCH PLAN REVIEW ONLY

PROFESSIONAL SEAL 35711 ENGINEER DAVID S. KLAUSMAN

NC FIRM #: P-1007, C-380

True North

SCALE: 1"= 100'
0   50'   100'   200'

Date: 12/21/15
Project No. 00228.00

Sheet #
SF Exhibit 1

00228_SD Sandfilter Design(012216)
Prepared by Bloc Design
HydroCAD® 10.00-15 s/n 07600 © 2015 HydroCAD Software Solutions LLC

Cashion Road Subdivision
Charlotte 24-hr Storms 50-yr Rainfall=6.53"
Printed 1/22/2016
Page 1

Time span=0.00-36.00 hrs, dt=0.01 hrs, 3601 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment SF1: Post DA SF1   Runoff Area=6.409 ac 19.725 Impervious Runoff Depth=3.74"
                                  Tc=12.0 min CN=75 Runoff=24.15 cfs 2.008 af

Subcatchment Post SF2: Post DA SF2 Runoff Area=21.598 ac 17.45% Impervious Runoff Depth=3.64"
                                  Tc=12.0 min CN=74 Runoff=78.69 cfs 6.543 af

Subcatchment Pre SF1: Pre DA SF1   Runoff Area=6.458 ac 0.00% Impervious Runoff Depth=2.74"
                                  Flow Length=1,108' Tc=30.3 min CN=65 Runoff=11.85 cfs 1.477 af

Subcatchment Pre SF2: Pre DA SF2   Runoff Area=21.596 ac 0.00% Impervious Runoff Depth=3.03"
                                  Flow Length=1,127' Tc=30.9 min CN=66 Runoff=43.95 cfs 5.461 af

Pond SF1: Sandfilter 1 Peak Elev=714.89' Storage=30,448 cf Inflow=24.15 cfs 2.008 af
                                                           Outflow=11.78 cfs 1.966 af

Pond SF2: Sandfilter 2 Peak Elev=709.70' Storage=68,926 cf Inflow=78.69 cfs 6.543 af
                                                           Outflow=42.44 cfs 6.420 af

SANDFILTER #1
DA: 6.459 AC
TOP OF SAND: 710.00
TOP OF BERM: 716.00
REFER TO TABLE FOR
WATER ELEVATION.

SLOPE SHALL BE
CONSTRUCTED IN
ACCORDANCE WITH
MCLDS 30.16 AND
NCESPDM SECTION 6.02.

GRADING WITHIN THE
S.W.I.M. BUFFER WILL
REQUIRE WATER
QUALITY APPROVAL.

SANDFILTER #2
DA: 21.598 AC
TOP OF SAND: 704.00
TOP OF BERM: 710.00
REFER TO TABLE FOR
WATER ELEVATION.

APPROXIMATE LOCATION OF
PROPOSED STORM DRAINAGE.

UNNAMED STREAM
PART OF CATAWBA
RIVER TRIBUTARY #3

FLOOD HAZARD
LINE SCALED FROM
FLOOD INSURANCE
RATE MAP.

FLOOD ZONE X
FUTURE CONDITIONS
1% ANNUAL
CHANCE FLOOD

DA SF1: 35
6.459 AC

DA SF2:
21.598 AC

VICINITY MAP   N.T.S.

SITE

SANDFILTER 2 ENLARGEMENT   SCALE: 1" = 40'

RIVERSTONE
BORDER

PROPOSED
SANDFILTER PCCE

SOD

PROPOSED
SANDFILTER PCCE

CONCRETE BAFFLE
AT WQV ELEV: 706.00

RIPARIAN PLANT AREA

PLUNGE POOL

V-NOTCH WEIR,
TYPICAL OF 4

APPROXIMATE LOCATION OF
PROPOSED STORM DRAINAGE.

SF   SF   SF

EOP

NORTH CAROLINA 811

North Carolina One-Call Center
DIAL 811   WWW.NC811.ORG

1. CONTRACTOR SHALL CONTACT NORTH CAROLINA ONE-CALL CENTER PRIOR
   TO BEGINNING CONSTRUCTION AS REQUIRED IN THE NORTH CAROLINA
   "UNDERGROUND DAMAGE PREVENTION ACT", CHAPTER 785, SENATE BILL 168.

2. CONTRACTOR IS RESPONSIBLE FOR ASSURING ALL EXISTING UTILITIES ARE
   LOCATED PRIOR TO CONSTRUCTION.

3. CONTRACTOR IS RESPONSIBLE FOR PLACEMENT OF ALL BARRICADES,
   SIGNAGE, FLAGGERS, SHORING, ETC., TO ENSURE THE SAFETY OF WORKERS
   AND THE PUBLIC.

4. ALL PAVEMENT CUTS SHALL BE REPLACED ACCORDING TO NORTH CAROLINA
   DEPARTMENT OF TRANSPORTATION AND CHARLOTTE WATER STANDARDS.