Jerry David Southern
PIN: 690102690056
DB. 497, Pg. 2230
132 Old Garner Rd
Zoning: L-1

EXISTING FENCE

30' LEVEL 3 BUFFER

20' BUFFER

S88°49'51"E 326.95

STREAM BUFFER NO DISTURBANCE

STREAM BUFFER NO DISTURBANCE

OPEN SPACE: 1.10 ACRES±

NOTE: DO NOT INTRUDE INTO PROTECTED STREAM BUFFERS. HAVE DISTURBED LIMITS FIELD MARKED AS NEGESSARY TO PREVENT INTRUSION.

REC. SPACE: 2.64 ACRES±

STREAM BUFFER NO DISTURBANCE

20' SETBACK

20' LEVEL 2 BUFFER

S62°40'15"E 386.44

S64°39'08"E 64.74

REINFORCED DITCH

SUGAR MAPLE DRIVE

WHITE CLOVER DRIVE

REINFORCED DITCH

HIGH PT. 1009.1

RETAINING WALL DESIGN BY OTHERS. SEE APPROVED WALL PLANS

CLASS "B" RIP-RAP WITH FILTER FABRIC UNDERLINER. LENGTH=6', WIDTH=4', THICKNESS=16"

CLASS "B" RIP-RAP WITH FILTER FABRIC UNDERLINER. LENGTH=9', WIDTH=5', THICKNESS=16"

FES"A-1" SOIL: C682

FES"B-1" SOIL: C682

FES"A-2"

FES"B-2"

Using 3' AVG. DEPTH
Q=(3.23*3.09 in =0.05cfs
SAG in (.956 ac)*(.2 ac)=0.349
R= 0.05/.4 =.13"/hr = 0.40in
Intensity(IX3960)^1/(12X60)2 ac(43560)=1.246 cfs
surface area req. 34.98sq.ft & 3' avg. depth = (0.42X.08)X(43560)=586 ft^3

CLASS "B" RIP-RAP WITH FILTER FABRIC UNDERLINER. LENGTH=12', WIDTH=7', THICKNESS=16"

SOIL: C682

TOP RISER EL 982.50
18" OUT EL 980.01
1.2" ORIFICE EL 980.50
24" O.D. ALUMINUM RISER
TOP OF DAM EL 986.0
EMERGENCY SPILLWAY EL 984.50
CREST EL 979.00
T/W 986.0
B/W 979.0
T/W 991.0
B/W 989.0
24"RCP
EX. 18" RCP
EX. DRIVEWAY
EX. 12" RCP
INV. 964.51
INV. 964.45
INV. 964.40
INV. 964.35

SPAINHOUR ROAD S.R. 1117

1. PROVIDE POSITIVE DRAINAGE AROUND BUILDINGS PER CURRENT N.C. BUILDING CODE AND INTERNATIONAL BUILDING CODE.

2. SURFACE DRAINAGE SHALL BE DIVERTED TO A STORM SEWER CONVEYANCE OR OTHER COLLECTION POINT THAT DOES NOT CREATE A HAZARD. GRADE TO DRAIN SURFACE WATER AWAY FROM FOUNDATION WALLS. THE GRADE SHALL FALL A MINIMUM OF 6" WITHIN THE FIRST 10 FEET. WHERE PHYSICAL BARRIERS PREVENT 6" OF FALL WITHIN THE FIRST 10 FEET, DRAINS OR SWALES SHALL BE CONSTRUCTED TO ENSURE DRAINAGE AWAY FROM THE STRUCTURE. IMPERVIOUS SURFACES WITHIN 10 FEET OF A BUILDING SHALL BE SLOPED A MINIMUM OF 2% AWAY FROM THE BUILDING.

3. PROVIDE ADDITIONAL AREA DRAINS (GRATE INLETS, ETC.) AS NEEDED TO ENSURE ADEQUATE DRAINAGE. DO NOT ALLOW LOW AREAS TO POND STORM WATER.

LEGEND

- ..... PROPOSED STORM DRAINAGE PIPE
- CI ..... PROPOSED CURB INLET
- YI ..... PROPOSED YARD INLET
- NP1 ..... PROPOSED NYLOPLAST INLET
- 770 ..... EXISTING TOPOGRAPHIC CONTOUR
- 770 ..... PROPOSED TOPOGRAPHIC CONTOUR
- TOB ..... EXISTING TOP OF STREAM BANK
- WTL ..... TEMPORARY COIR FIBER WATTLE
- RCD ..... TEMPORARY ROCK CHECK DAM
- TS ..... TEMPORARY SEEDING
- PS ..... PERMANENT SEEDING
- ..... OPEN SPACE
- ..... RECREATIONAL SPACE

40 0 20 40
SCALE (IN FEET)
1 inch = 40 ft.

ENGINEER:
CPT ENGINEERING & SURVEYING, INC.
4400 TYNING STREET
HIGH POINT, NC 27265
PHONE: (336) 812-8800 X 304
FAX: (336) 812-8780
CONTACT: CHUCK TRUBY PE PLS
E-MAIL: chuck@cptengineering.com

OWNER/DEVELOPER:
MJ SLIMSER CORPORATION
P.O. BOX 428
KING, NC 27021
PHONE: (336) 382-1748
CONTACT: MATT SLIMSER
E-MAIL: mjslimser@gmail.com

REVISIONS

ENGINEERING AND SURVEYING, INC.
LAND DEVELOPMENT CONSULTING
CORPORATE LICENSE NUMBER C-1915
4400 TYNING STREET
HIGH POINT, NORTH CAROLINA 27265
PHONE: (336) 812-8800 ~ FAX: (336) 812-8780

PRELIMINARY

GRADING & DRAINAGE PLAN

MAPLE LEAF FARM

KING, NORTH CAROLINA
YADKIN TOWNSHIP, STOKES COUNTY

GRADING & DRAINAGE PLAN

SCALE: 1" = 40'
DATE: 2/5/19
PROJECT: 598-06
DRAWN BY: JAB

SHEET 7

Mar 27, 2020 F:\Projects\598-06\TOWNHOMES\598-06 BASE TOWNHOMES-UNT SWAPS-3-25-20.dwg Tab Name: GRADING_DRAINAGE