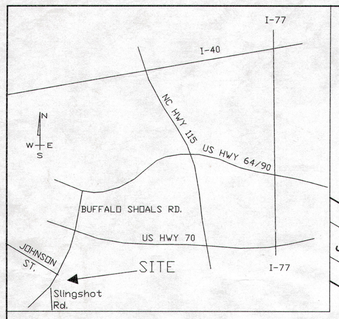


SEPTIC FLAGS:

- b - BLUE FLAG
- o - ORANGE FLAG
- p - PINK FLAG
- r - RED FLAG
- w - WHITE FLAG
- ◆ - PERK HOLE

BUFFALO SHOALS ROAD
INSIDE
OUTSIDE
JOHNSON STREET
SR 1004
SLINGSHOT ROAD
SR 1345
60' R/W
D.B. 488, PG. 425
NO RECORDED ROGHT OF WAY FOUND, 60' RIGHT OF WAY SHOWN
D.B. 836, PG. 200
40' R/W
4734-41-4212
WOOTEN FAMILY LLC
2279-1775
ZONED: HI
4734-41-2474
BRENDA D. CALDWELL
2294-140
ZONED: HI
4734-41-5142
LAKESIDE DOORS & MILLWORK LLC
1853-2007
ZONED: HI
4734-41-8689
STATESVILLE HOUSING AUTHORITY
655-934
ZONED: R5MF
STATESVILLE CITY LIMITS
12" DIP WATER MAIN
30' FRONT MBSL
400' FIRE HYDRANT RADIUS
DUKE POWER OVERHEAD TRANSMISSION LINE
D.B. 58, PG. 164
POWER LINE EASEMENT
NO WIDTH SPECIFIED
DUKE POWER OVERHEAD TRANSMISSION LINE
FIRE HYDRANT
UNDERGROUND ELECTRIC LINE
CONSTRUCTION ENTRANCE/EXIT
ASPHALT PARKING
EXISTING SEPTIC SYSTEM COMPLETED 10-08-1994
1,200 SF TO BE REMOVED
BUILDING "A"
FF = 927.33
# 117 SLINGSHOT RD.
EXISTING 1 STORY METAL WAREHOUSE
BLDG. AREA: 47,765 sq. ft.
CONCRETE
OPEN SHED & BLASTER
17,130 SF TO BE ADDED
DRILL & SAW BUILDING
2,334 SF TO BE ADDED
BUILDING "B"
1,987 SF TO REMAIN
BUILDING "C"
3,000 SF TO BE REMOVED
BUILDING "D"
3,000 SF TO BE REMOVED
119 SLINGSHOT RD.
4734-40-2617
BUFFALO SHOALS PROP. FAMILY PARTNERSHIP
1305-2
ZONED: HI
SOUTHERN BELL TELEPHONE & TELEGRAPH COMPANY
RIGHT OF WAY SITE EASEMENT
D.B. 825, PG. 769
Norfolk Southern Railroad
200' R/W
4734-40-3175
BMW PROPERTIES LLC
1242-310
ZONED: HI
4734-40-8330
MARGARET S. MARX
781-1
ZONED: HI
4734-50-0433
MARGARET S. MARX
781-001
ZONED: HI
4734-50-1808
BUFFALO SHOALS PROP. FAMILY PARTNERSHIP
1931-1564
ZONED: HI
4734-50-6689
GATEWAY TO HEAVEN COMMANDMENT
881-1924
ZONED: R5
4734-61-3400
BOYS & GIRLS CLUB OF THE PIEDMONT
1933-2273
ZONED: R5MF
GROVE ROAD
COCHRAN STREET
PRIMARY NITRIFICATION LINES - 7 = 627'
REPAIR NITRIFICATION LINES - 7 = 627'
PRESSURE MANIFOLD
WATTLES @ 50' DITCH D-1
WATTLES @ 30' DITCH D-2
INLET PROTECTION
DI-1 RIM 923.0
DI-2 RIM 922.0
DI-3 RIM 922.0'
OUTLET INV. 918.0
EMERGENCY SPILLWAY
200 LF SILT FENCE
RIM: 88.97
INV. 84.97
STATESVILLE INSIDE TOWNSHIP
STATESVILLE OUTSIDE TOWNSHIP
INSIDE
OUTSIDE
100'
100'
S87°40'40"E 420.56'
S87°40'40"E 180.56'
N81°41'16"E 280.10'
S42°44'32"E 349.47'
N02°33'12"W 113.52'
S63°30'54"E 182.47'
N26°27'21"E 202.47'
S67°29'26"W 1296.79'
S67°29'26"W 1296.79'
S67°20'04"W 753.09'
N00°55'16"W 822.75'

BASIN B-1
SKIMMER BASIN B-1 WITH BAFFLES
4.84 ACRES DRAINAGE AREA
4.84 ACRES DISTURBED AREA
7,200 SF SURFACE AREA
TOP OF DAM ELEVATION = 917.00
BOTTOM ELEVATION = 911.00
BOTTOM DIMENSION W=46', L=106'

1,169,958.70 sq.ft.
TOTAL AREA = 26.859 AC.

CURVE TABLE				
CURVE	ARC	RADIUS	CHORD BRG	CHORD DIST.
C1	70.62	149.65	S21°46'27"E	69.97'
C2	29.06	20.00	N06°22'47"E	26.57'

LINE TABLE		
LINE	LENGTH	BEARING
L1	18.33'	S47°59'40"W
L2	100.08'	S44°16'59"E
L3	89.92'	N84°41'50"E
L4	81.00'	N45°23'31"E
L5	112.72'	N49°10'41"E
L6	104.27'	N52°18'15"E
L7	163.68'	N53°36'27"E
L8	29.54'	S40°53'15"E
L9	40.00'	S26°27'21"W

NOTES:

1. CITY OF STATESVILLE ZONING HI (HEAVY INDUSTRIAL)
2. SETBACKS: FRONT = 30' MINIMUM
   SIDE = NO MINIMUM, IF PROVIDED AT LEAST 5'
   REAR = NO MINIMUM

LEGEND:

- EIP – EXISTING IRON PIN
- IPS – IRON PIN SET
- INV – INVERT
- NTS – NOT TO SCALE
- R/W – RIGHT OF WAY
- CB – CATCH BASIN
- CM – CONTROL MARKER
- TP – TELEPHONE PEDESTAL
- PP – POWER POLE
- Ⓢ – SEWER MANHOLE
- ◉ – UNMARKED POINT
- WV – WATER VALVE
- CO – SEWER CLEANOUT
- TR – POWER TRANSFORMER
- ST – SEPTIC TANK
- Ⓦ – WELL
- ☼ – LIGHT POLE

STORM DRAINAGE CHART								
FROM INLET #	RIM ELEV.	INV. OUT	TO INLET #	RIM ELEV.	INV. IN	LENGTH	% SLOPE	DIAMETER	MATERIAL
DI-1	923.0	920.0	DI-2	922.0	919.0	79'	1.27	18"	RCP
DI-2	922.0	919.0	DI-3	922.0	918.5	54'	0.93	18"	RCP
DI-3	922.0	918.5	OUTLET		918.0	55'	1.81	18"	RCP

GRAPHIC SCALE

60 0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

NORTH CAROLINA PROFESSIONAL SEAL 6786 ENGINEER GERALD V. GRANT
04-25-2016

Engineering · Site Planning · Surveying
GV GRANT & ASSOCIATES
2351 SIMONTON ROAD
STATESVILLE, NC 28625
PHONE: (704) 872-3136
matt@gvgrant.com

OWNER/DEVELOPER:
M. WILLIAM McCOMBS, III
BUFFALO SHOALS FAMILY LIMITED PARTNERSHIP
117 SLINGSHOT ROAD,
STATESVILLE, NC 28677
704-873-7563

GRADING & EROSION CONTROL PLAN FOR
BUFFALO SHOALS PROPERTIES
FAMILY LIMITED PARTNERSHIP

DEED REF: ILLUSTRATED PIN: ILLUSTRATED IREDELL COUNTY NORTH CAROLINA
STATESVILLE INSIDE / OUTSIDE TOWNSHIP

North Carolina One-Call Center
2300 W. Meadowview Road, Suite 227
Greensboro, North Carolina 27407
(910) 855-5780
2 DAYS BEFORE DIGGING IN NORTH CAROLINA
CALL 1-800-632-4949
UNDERGROUND LOCATORS, CONTRACTOR SHALL CONTACT THE UNDERGROUND LOCATORS EVERY 10 DAYS FOR AN UPDATE TO UTILITY LOCATIONS.
Call BEFORE you DIG!
"It's The Law"

REVISIONS:			
NO.	DATE	DESCRIPTION	BY

DRAWN	SMS
CHECK	GVG
DATE	04-25-16
SCALE	1" = 60'
PROJ. NO.	G15061-C1-R1

SHEET:
C-2.0