

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WASTEWATER PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION AUTHORIZATION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/OR IF SITE IS ALTERED OR INTENDED USE CHANGED

OPERATIONS PERMIT

PERMIT # WRP-017329-2019

APPLICATION DATE: 04/25/2019

BLDG. PERMIT#:

PIN: 0647231229

RECORDED: Yes

TOWNSHIP: 06 - Holly Springs

JURISDICTION: Holly Springs

ZONING: R-30

APPLICANT: Royal Oaks Building Group
Victoria Parsons
1210 Trinity RD

BUSINESS PHONE: (919) 233-3886 ext x321

HOME PHONE:

MOBILE PHONE:

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

EXISTING USE:

SITE ADDRESS: 209 OLD BALLENTINE WAY

SUBDIVISION: BALLENTINE PLACE PH 1

LOT: 12

ACRES: 0.76

DIRECTIONS: Take I-40W to US-1S. Then take NC-55E to Piney Grove- Wilbon Rd to Adcock Rd to Old Ballentine Way

Systems defined as either type III-b, III-g with a pump, IV, V or VI, in accordance with the North Carolina administrative code 15A NCAC 18a .1961, table V as adopted by reference in the "Regulations Governing Wastewater Treatment Dispersal Systems in Wake County", requires Wake County Environmental Services to conduct periodic inspections of the system type pursuant to 15A NCAC 18a. 1961 (j). Fees for these inspections will be charged as per the approved Fee Schedule. In addition, all systems are to be operated and maintained as specified in 15A NCAC 18A .1961. This permit is based in part on information provided by the homeowner and/or his/her representative in the application submitted for this permit. The Environmental Health Specialist is not responsible for false or misleading information contained in the application. The environmental health specialist is also not responsible for concealed conditions on the property or for statements in this report that may have resulted from false or misleading statements provided to him/her in the application. Neither Wake County nor the Environmental Health Specialist warrants that the septic tank system will continue to function satisfactorily in the future or that the water supply will remain potable.

OPERATION PERMIT VALID FOR: No Expiration

INSTALLED BY: ADCOCK JR, JAMES S - 1902 - IV

PROPRIETARY SYSTEM: EZ1203HG - EZFlow EZ 1203H Geo **PRETREATMENT SYSTEM:**

SYSTEM TYPE INSTALLED: II A

OPERATION PERMIT: **STATUS:** Issued

ISSUED BY: Laura Allen

ISSUED DATE: 12/04/2019

SEPTIC TANK: Mitchell Concrete - STB-381 -
1250 gallons

DATE OF MANUFACTURE: 08/07/2019 **FILTER:** Polylok - PL-68

GREASE TRAP:

DATE OF MANUFACTURE:

FILTER:

DOSING PUMP TANK:

DATE OF MANUFACTURE:

FILTER:

CC1: **ETM1:**

CC2:

ETM2:

RECIRCULATION TANK:

DATE OF MANUFACTURE:

CC1: **ETM1:**

CC2:

ETM2:

SEPTIC TANK ELEVATION: 1.71

GREASE TRAP ELEVATION:

DOSING PUMP TANK ELEVATION:

RECIRCULATION TANK ELEVATION:

DISTRIBUTION DEVICE ELEVATION: 3

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION
19	12	50	4.71
19	12	50	5.42
19	12	100	6.38
19	12	100	7.31
19	12	100	8.25

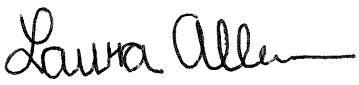
ACTUAL PRESSURE HEAD:

ACTUAL FLOW RATE:

ACTUAL DOSE VOLUME:

SPECIFIC OPERATION REQUIREMENTS:

4 bedroom residence/480

ISSUED BY: 

DATE: 12/04/2019

PLOT PLAN FOR
MATTAMY HOMES
209 OLD BALLENTINE WAY
LOT 12, BALLENTINE PLACE SUBDIVISION, PHASE 1
TOWN OF HOLLY SPRINGS, WAKE COUNTY, NORTH CAROLINA



Wake County Environmental Services
Water and Wastewater Section

Reviewed by Sean Ryan

Approved X Rejected

Date 4/29/19 Zoning R-30

Front 15' Rear 15'

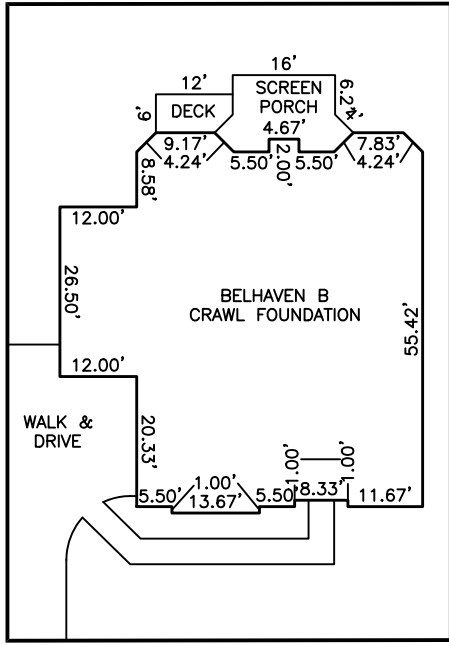
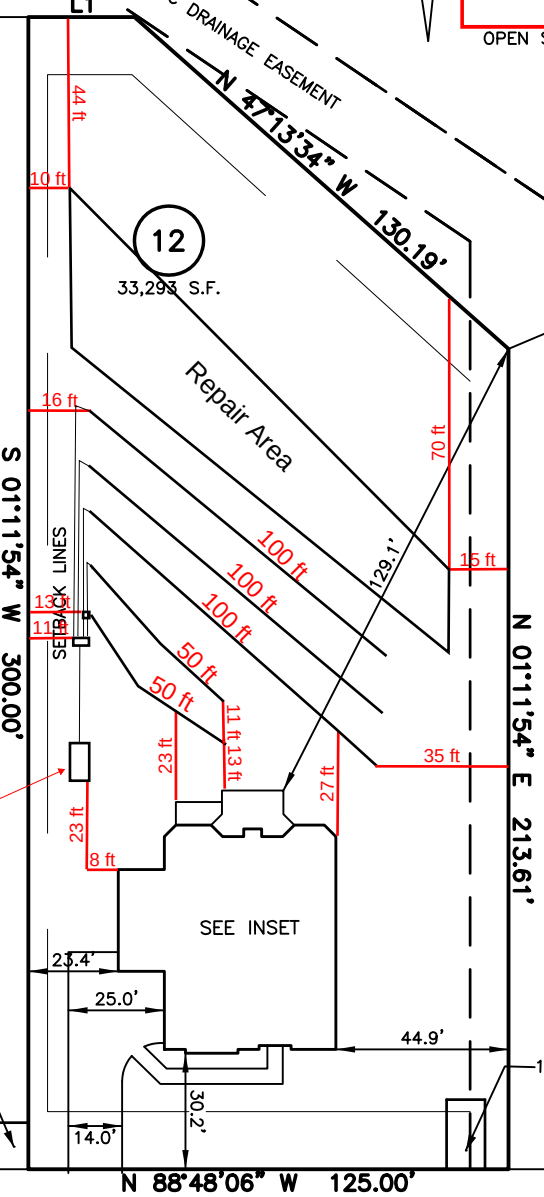
Side 5' Corner 15'

Comments: new SFH

LEGEND

- AIR CONDITIONER
- BACK FLOW PREVENTER
- CURB INLET
- CLEANOUT
- EXISTING CONCRETE MONUMENT
- EXISTING DRILL HOLE
- EXISTING IRON STAKE
- EXISTING IRON PIPE
- ELECTRIC METER
- EXISTING PK NAIL
- ELECTRIC STUB
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- FIRE HYDRANT
- FIBER OPTIC PEDESTAL
- GAS METER
- INVERT
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- MANHOLE SANITARY SEWER
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- TOP BACK OF CURB
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- TRANSFORMER
- CABLE TV PEDESTAL
- UTILITY POLE
- WATER METER
- WATER VALVE
- YARD INLET
- FIELD MEASUREMENT

11



INSET - SCALE: 1"=30'

IMPERVIOUS SURFACE TABLE

HOUSE.....	2,880 S.F.
PORCH.....	200 S.F.
DECK.....	70 S.F.
WALK & DRIVE.....	1,200 S.F.
TOTAL IMP.....	4,350 S.F.

ALLOWABLE IMPERVIOUS = 7,500 S.F.

OLD BALLENTINE WAY
50' PUBLIC R/W

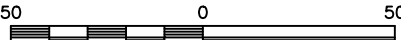
LINE	BEARING	DISTANCE
L1	S 88°48'06" E	27.61'

SETBACK INFO

FRONT:	15'
REAR:	15'
SIDES:	5'
CORNER SIDE:	15'

REFERENCES:

B.M. 2018 PGS. 791-794



SCALE: 1" = 50'

NOTES

- NOT FOR RECORDING IN MAP BOOKS.
- THIS SURVEY SUBJECT TO ANY FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH.
- THIS MAP IS NOT A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS

PLOT PLAN
PRELIMINARY PLAT- NOT FOR RECORDATION,
CONVEYANCE OR SALES

DATE: APR. 15, 2019

F.B. _____

REV CODE: 1.FLIP, 2.PLAN, 3.ROTATE, 4.MOVE, 5.SS
6.SEVERAL OF ABOVE, 7.LAND FEATURE, 8. OTHER

RWK, PA

ENGINEERING ~ SURVEYING

CORPORATE LICENSE: C-1771

101 W. MAIN ST., SUITE 202

GARNER, NC 27529

PHONE (919) 779-4854

FAX (919) 779-4056

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AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION AUTHORIZATION HAS BEEN ISSUED

***PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/OR IF SITE IS ALTERED OR
INTENDED USE CHANGED***

CONSTRUCTION AUTHORIZATION PERMIT**PERMIT # WRP-017329-2019****APPLICATION DATE:** 04/25/2019**BLDG. PERMIT#:****PIN:** 0647231229**RECORDED:** Yes**TOWNSHIP:** 06 - Holly Springs**JURISDICTION:** Holly Springs**ZONING:** R-30

APPLICANT: Royal Oaks Building Group
1210 Trinity RD
Cary, NC 27513

BUSINESS PHONE: (919) 233-3886 ext x321**HOME PHONE:****MOBILE PHONE:****HD USE:** 101A CONVENTIONAL ONE-FAMILY HOUSE**EXISTING USE:****SITE ADDRESS:** 209 OLD BALLENTINE WAY**SUBDIVISION:** BALLENTINE PLACE PH 1**LOT:** 12**ACRES:** 0.76**DIRECTIONS:** Take I-40W to US-1S. Then take NC-55E to Piney Grove- Wilbon Rd to Adcock Rd to Old Ballentine Way

Contractors shall install system on contour. See attached SITE PLAN for wastewater system design and well location. No underground utilities, water lines or sprinklers systems may be located in the original system, or permit areas. A septic tank filter with two risers for access is required. The wastewater system shall not be covered or placed into use until inspected by the Wake County Department of Environmental Services and Operations Permit issued. An Accepted Status System may be used in place of conventional system, if it can be placed in the permitted/authorized trench footprint (except reduction in line length and/or number as allowed for in approval) and the installation in accordance with the accepted system approval, without unauthorized product alteration. If permit required use of an Accepted Status System, substitution with another accepted status system may be made, as long as no changes are necessary in the location of each nitrifications line (including any increase in line length), trench depth or effluent distribution method. If changes are necessary, prior approval by this office is required before system installation. Maximum depth of line is calculated using the downhill side of the trench and includes slope correction.

CONSTRUCTION AUTHORIZATION PERMIT VALID FOR: Five Years**CONSTRUCTION AUTHORIZATION PERMIT: CA STATUS:** Issued**BY:** Adrienne Holloway**DATE:** 08/14/2019**CA VALID FOR:** Five Years**DESIGN FLOW:** 480 GALLONS**BASEMENT:** No**BASEMENT FIXTURES:** No**SEPTIC TANK:** 1200 GALLONS**SEPTIC TANK FILTER:** Yes**DOSING PUMP TANK:****DOSING PUMP TANK FILTER:****GREASE TRAP:****GREASE TRAP FILTER:****RECIRCULATION PUMP TANK:****RECIRCULATION PUMP TANK FILTER:****PROPOSED SYSTEM:** 0.25 - 25% Reduction (Innovative or Accepted)**EXISTING SYSTEM:****DRAINFIELD SQ. FT:** 1,200**AGGREGATE DEPTH:** 12**MAX. TRENCH DEPTH:** 19 INCHES**DISTRIBUTION DEVICE:** GP - Gravity Parallel**TRENCH #:** 4**TRENCH LENGTH:** 100 FEET**TRENCH WIDTH:** 36 INCHES**TOTAL TRENCH LENGTH:** 400 FEET**CENTER SPACING:** 9 FEET**MINIMUM SOIL COVER:** 6 INCHES**PRETREATMENT:****APPROVAL #:**

SUBFIELDS #:

PUMP TDH:

PUMP DESIGN FLOW:

ZONE VALVE:

ASDMS REQUIRED:

P.E. SIGN OFF/ASBUILT REQUIRED:

LINE OF CREDIT REQUIRED:

TRIPARTY AGREEMENT REQUIRED:

OPERATOR REQUIRED:

SPECIFIC CONSTRUCTION AUTHORIZATION REQUIREMENTS:

- No cutting/grading or altering septic areas
- No utilities may be installed in septic or repair area.
- This system is for a 4-bedroom SFD (480 gallons per day)
- This system is for (3) 100' lines and (2) 50' lines on a flow divider
- Please call Adrienne Holloway at (919) 422-3751 with any questions.
- Maintain all setbacks.

Issued By:

Handwritten signature of Adrienne Holloway in black ink, with the letters 'REHS' written in a separate, more legible font to the right of the signature.

Date: 08/14/2019

PLOT PLAN FOR
MATTAMY HOMES
209 OLD BALLENTINE WAY
LOT 12, BALLENTINE PLACE SUBDIVISION, PHASE 1
TOWN OF HOLLY SPRINGS, WAKE COUNTY, NORTH CAROLINA



Wake County Environmental Services
Water and Wastewater Section

Reviewed by **Sean Ryan**

Approved **X** Rejected

Date **4/29/19** Zoning **R-30**

Front **15'** Rear **15'**

Side **5'** Corner **15'**

Comments: **new SFH**

PRIVATE BMP MAINTENANCE,
ACCESS AND DRAINAGE EASEMENT



OPEN SPACE

LEGEND

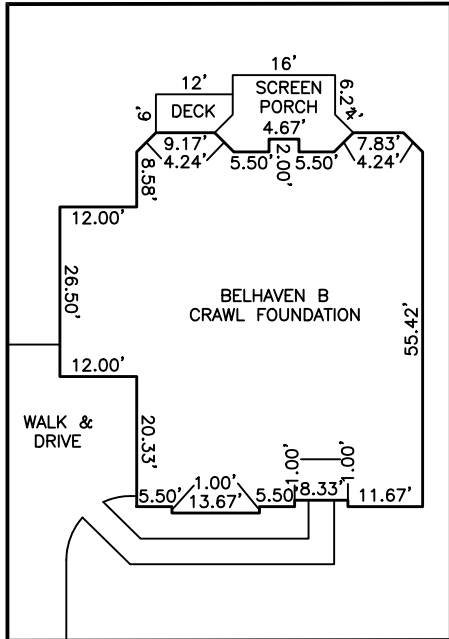
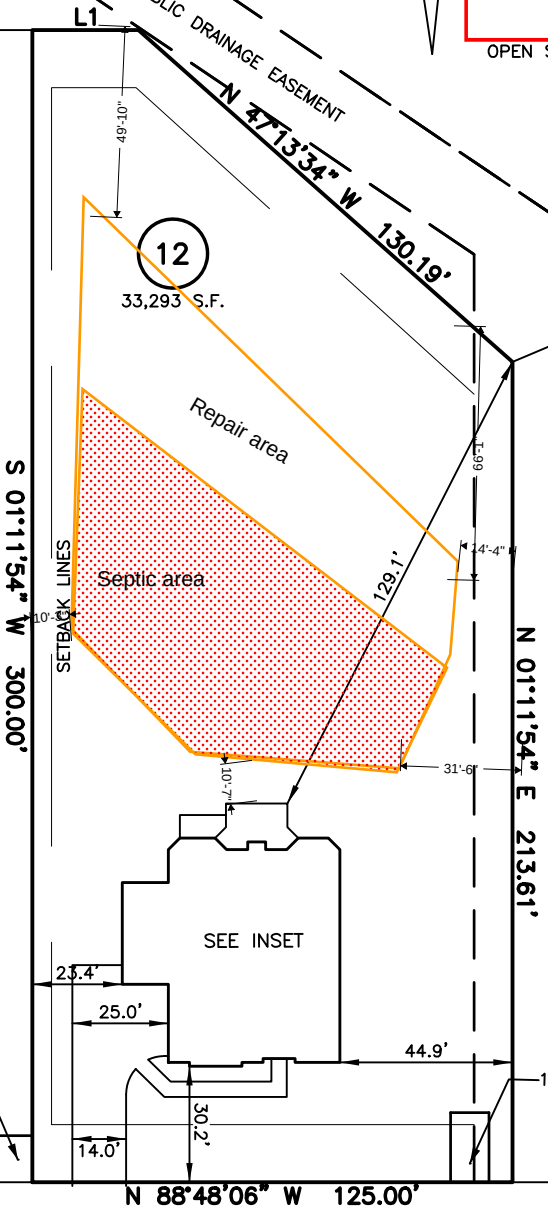
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- WATER VALVE
- YARD INLET
- FIELD MEASUREMENT

WRP-017329-2019
CA Site Plan Part A
(see CA Site Plan Part B)

Initial System
1200 sq. ft. Accepted Status
Gravity to D-box
19" Trench Depth
0.3 LTAR
1200 gallon septic tank

Repair System
1205 sq. ft. Accepted Status
Gravity to D-box
19" Trench Depth
0.3 LTAR
1200 gallon septic tank

11



INSET - SCALE: 1"=30'

IMPERVIOUS SURFACE TABLE

HOUSE.....	2,880 S.F.
PORCH.....	200 S.F.
DECK.....	70 S.F.
WALK & DRIVE.....	1,200 S.F.
TOTAL IMP.....	4,350 S.F.

ALLOWABLE IMPERVIOUS = 7,500 S.F.

OLD BALLENTINE WAY
50' PUBLIC R/W

LINE	BEARING	DISTANCE
L1	S 88°48'06" E	27.61'

SETBACK INFO

FRONT: 15'
REAR: 15'
SIDES: 5'
CORNER SIDE: 15'

REFERENCES:

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REV CODE: 1.FLIP, 2.PLAN, 3.ROTATE, 4.MOVE, 5.SS
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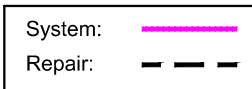
LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH	AND LINE NUMBER
1	YELLOW	5.1	50	50
2	BLUE	6.1	80	50
3	RED	6.8	103	100
4	ORANGE	7.8	125	100
5	BLUE	9.0	125	100
6	YELLOW	10.1	135	
7	RED	10.7	135	
8	WHITE	11.5	135	

4-BEDROOM ACCEPTED GRAVITY SYSTEM
LINES 1-5
EZ-FLOW OR CHAMBER
LTAR 0.3

4-BEDROOM ACCEPTED GRAVITY REPAIR
LINES 6-8
EZ-FLOW OR CHAMBER
LTAR 0.3

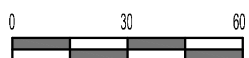
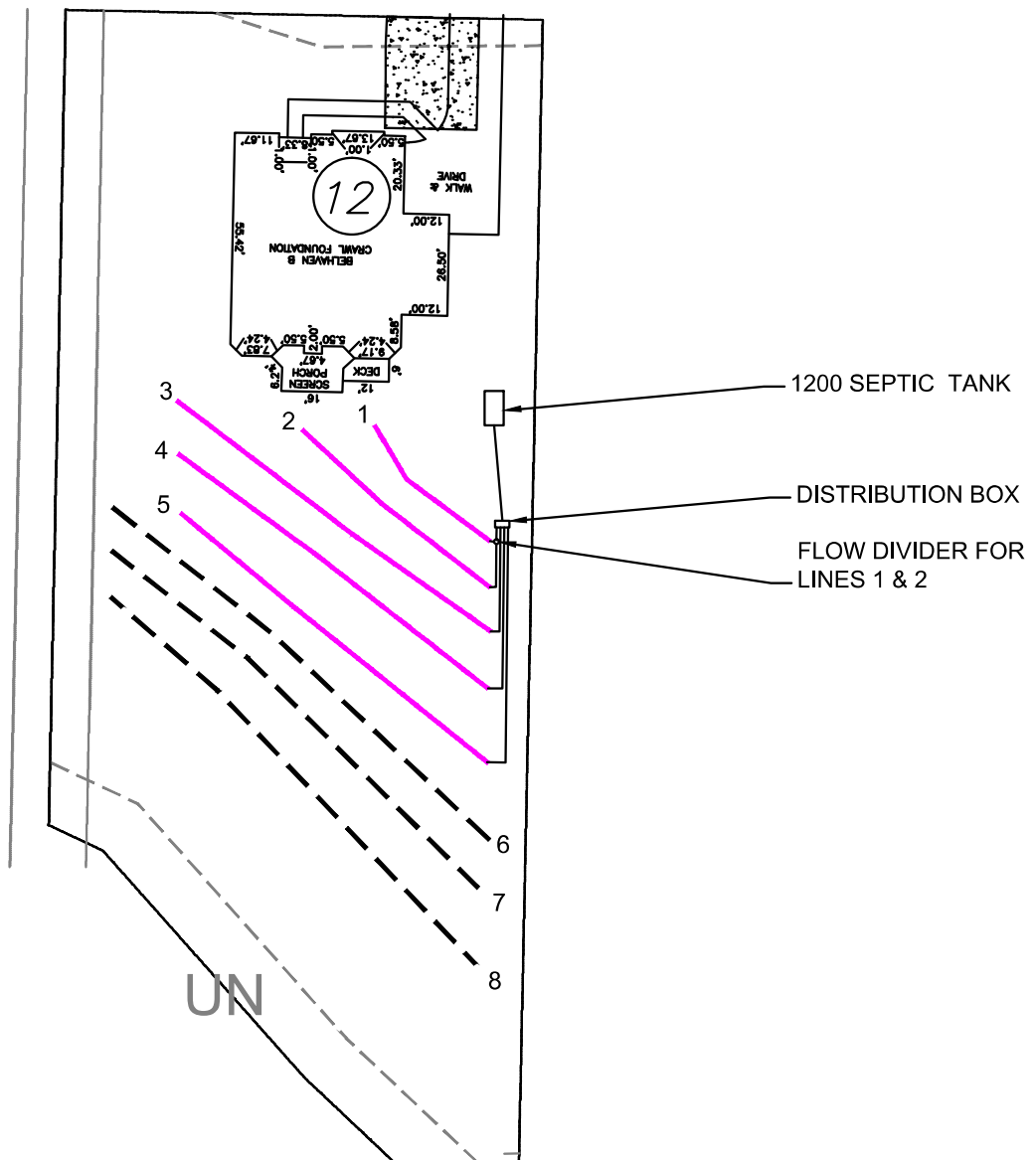
FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

WRP-017329-2019 CA Site Plan Part B



NOTES:

- *Keep Tanks and Drain lines 10' from property lines.
- *Not a Survey
- *Not a guarantee of a septic permit.
- *Keep supply lines >5' from property lines.
- *Some lines are flagged longer in the field than lengths indicated above.
- *No foundation drains.
- *Original layout provided by S & EC



SCALE:
1" = 60 ft.



Central Carolina Soil Consulting, PLLC

1900 South Main Street, Suite 110
Wake Forest, North Carolina 27587

(919) 533-3733 (919) 533-3733

Septic System Layout

Lot 12 Ballentine Subdivision
Holly Spring, Wake County

Job# : 2288

Drawn By : TMB

Date : 03/19/2018

Revision: 08/06/201

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IMPROVEMENT PERMIT

PERMIT #: WRP-017329-2019

APPLICATION DATE: 04/25/2019

BLDG. PERMIT #:

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HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

EXISTING USE:

SITE ADDRESS: 209 OLD BALLENTINE WAY

SUBDIVISION: BALLENTINE PLACE PH 1

LOT: 12

ACRES: 0.76

DIRECTIONS: Take I-40W to US-1S. Then take NC-55E to Piney Grove- Wilbon Rd to Adcock Rd to Old Ballentine Way

Permit is subject to revocation if the Site Plan or Plat changes or the intended use changes.

*Maximum depth of line is calculated using the downhill side of the trench and includes slope correction.

IP VALID FOR: Five Years AS PER GS 130A-335 (f)

DESIGNED BY: Central Carolina Soil Consulting

SYSTEM LAYOUT: Private Sector

SITE CLASSIFICATION: Provisionally Suitable

IP STATUS: Issued

BY: Adrienne Holloway

DATE: 08/14/2019

NUMBER OF BEDROOMS: 4

OR TOTAL NUMBER OF OCCUPANTS: 8

PERMITTED DESIGN FLOW: 480 GPD

BASEMENT: No

BASEMENT PLUMBING: No

WASTEWATER STRENGTH: Domestic

SYSTEM TYPE: II A

LTAR: 0.300

EXISTING SYSTEM UTILIZED: Yes

PRETREATMENT STRENGTH REQUIRED: None

EASEMENT FOR WW SYSTEM ASSOCIATED WITH PARCEL: No

MAXIMUM TRENCH DEPTH: 19 INCHES

PUMP REQUIRED:

SPECIFIC SYSTEM REQUIREMENTS: -Do not grade, cut or alter septic or repair areas

-No utilities may be installed in septic or repair area.

ISSUED BY:

Abdulla REHS

DATE: 08/14/2019

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Front **15'** Rear **15'**

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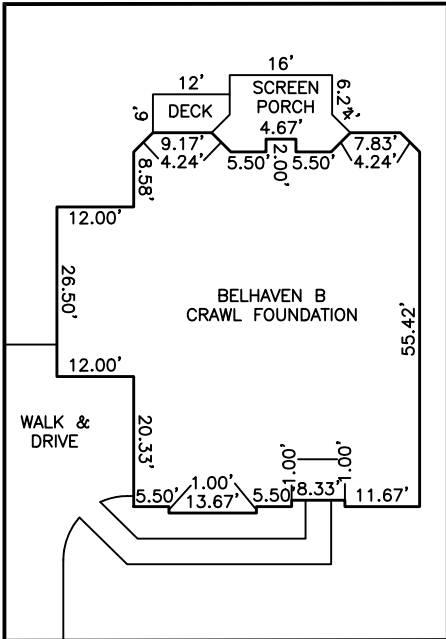
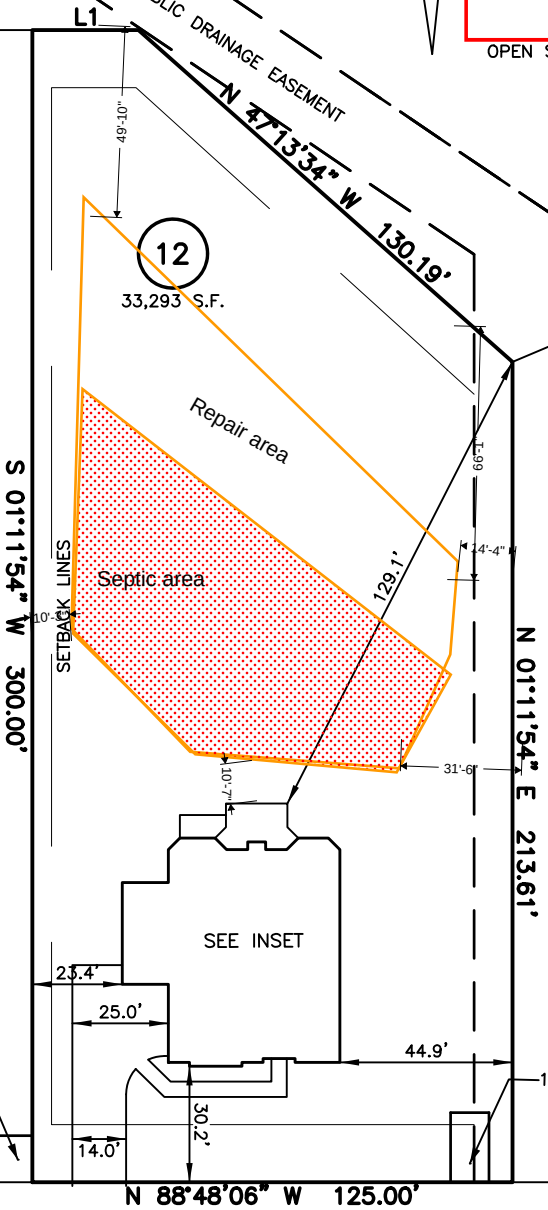
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WRP-017329-2019
IP Site Plan

Initial System
IIA (Gravity to D-box)

Repair System
IIA (Gravity to D-box)



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