NOTES .....

IRON PINS ON ALL CORNERS UNLESS OTHERWISE NOTED

AREAS WERE CALCULATED BY COORDINATE METHOD.

NO NCGS TRAVERSE WAS FOUND TO BE WITHIN 2000'

THIS PROPERTY SUBJECT TO ANY OTHER EASEMENTS, AGREEMENTS, OR RIGHTS-OF-WAY OF RECORD.

THIS PROPERTY MAY BE SUBJECT TO WETLANDS REGULATIONS. INDIVIDUAL PROPERTY OWNERS NEED TO REVIEW CURRENT GOVERNMENTAL REGULATIONS PRIOR TO CONSTRUCTION

THIS LOT HAS A 10' STORM DRAINAGE AND UTILITY EASEMENT WHICH RUNS WITH THE PERIMETER OF THE LOT.

SEWAGE DISPOSAL WILL BE BY INDIVIDUAL SEPTIC TANKS.

THIS PROPERTY DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA PER FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP PANEL NO. 3703130200 G WITH AN EFFECTIVE DATE OF JUNE 22, 1998 PER MAP BOOK 45, PAGE 115.

WATER SUPPLY TO BE BY COMMUNITY WELLS.

THE FARMS HAS ESTABLISHED CERTAIN MINIMUM BUILDING SETBACKS WHICH ARE MORE RESTRICTIVE THAN THOSE SHOWN HEREON. OWNER WILL FURNISH PLATS REFLECTING THESE SETBACKS FOR USE IN HOUSE PLACEMENTS.

THIS PROPERTY SUBJECT TO DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS APPLICABLE TO THE FARMS WHICH IS RECORDED IN THE IREDELL COUNTY REGISTRY.

"I state that this map was drawn under my supervision from an actual survey made under my supervision (map description recorded in Book 2289, page 176); that the boundaries not surveyed are indicated as drawn from information in MAP Book 52, page 16; that the ratio of precision or positional accuracy is IN EXCESS OF 1:10,000; and that this map meets the requirements of The Standards of Practice for Land Surveying in North Carolina (21 NCAC 56, 1600)." This 1 day of DECEMBER, 2014.

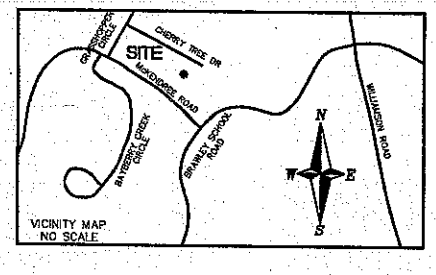
PROJECT INFORMATION

ZONING – RR
MIN. FRONT SETBACK 35'
MIN. SIDEYARD 15'

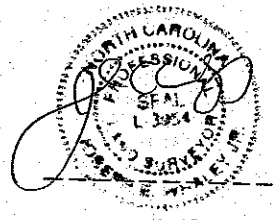
MIN. REARYARD 35'
*REFER TO THE FARMS CCR'S FOR ADDITIONAL SETBACK RESTRICTIONS

LEGEND .....

AC – ACRE
CP – COVERED PORCH
DUE – STORM DRAINAGE & UTILITY EASEMENT
MB: – MAP BOOK
R/W – RIGHT OF WAY
SF– SQUARE FEET
WD – WOOD DECK

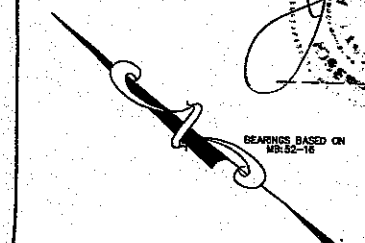


VICINITY MAP
NO SCALE



1-12-15

BEARINGS BASED ON MB:52-16



MOVED TO 15.5' SIDEYARD PER BUILDER

**CHERRY TREE DRIVE**
EXISTING 45' PUBLIC R/W

S38°42'40"E 104.86'

10' D&UE

35' ZONING SETBACK

50' SETBACK

WALK

DRIVE

THE ABBYVILLE

GW

LID

LOT 567
THE FARMS PHASE 5 MAP 2 MB:52-16

LOT 569
THE FARMS PHASE 5 MAP 2 MB:52-16

LOT 568
38,007 SQ. FT.
0.874 AC.

10' D&UE

15' ZONING SIDEYARD
15.5' SIDEYARD ALLOWED PER BUILDER

N51°17'20"E 363.57'

N51°17'20"E 362.86'

DRAIN

PROPOSED SEPTIC FIELD

50' REARYARD

35' ZONING REAR YARD

10' D&UE

104.86'

S39°05'38"E

R12-568A
1 SFE

OK
MD
5/11/15

436' 2-5-2
R - 50'
S - 75'
D - 85'
R - 85'
D - 85'
D - 56'

Approx.

HAND AUGER BORING

After Ditch as Required for 25' SETBACK

REPAIR ~670' Line For Existing ICHD AC.

Existing

PRELIMINARY — NO EXISTING BUILDINGS
12/01/14

GRAPHIC SCALE
50 0 25 50 100
1 inch = 50 ft.

| MAP FOR | PLOT PLAN FOR CYRAS CUSTOM HOMES | | | |
|---|---|---|---|---|
| SCALE | TOWNSHIP | COUNTY | STATE | DATE |
| 1" = 50' | DAVIDSON | IREDELL | N.C. | 01/13/15 |
| CHERRY TREE DRIVE | | | | |
| LOT 568 OF THE FARMS PHASE 5 MAP 2 | | | | |
| SURVEYED | YARBROUGH-WILLIAMS & HOULE, INC. 730 WINDSOR OAK COURT CHARLOTTE, NC. 28273 704-556-1990 NCBELS LICENSE # C-0475 | | | MAP RECORDED 52-16 DEED RECORDED 2126-2070 |
| DRAWN YWH | | | | |

The Farms 568 SEPTIC SITE PLAN
SITE PROJECT 1584-14-080B Ph. 1
4-30-15
* SITE PLAN MUST ACCOMPANY WRITTEN REPORT

## Table 1: Summary of Primary and Repair Nitrification Line Specifications

| Line No. | Use | Line Color | System Type | Line Length (Ft.) | Rod Reading Elev. (Ft.) | Panels | Holes | Hole Spacing | Hole Size (In.) |
|---|---|---|---|---|---|---|---|---|---|
| 1 | System | Blue | LPPPBPS | 57 endfed | 0.6 | 13 | 13 | 1 per panel | 5/32" |
| 2 | System | Orange | LPPPBPS | 58 endfed | | 13 | 13 | 1 per panel | 5/32" |
| 3 | System | Pink | LPPPBPS | 55 endfed | | 12 | 12 | 1 per panel | 5/32" |
| 4 | System | Blue | LPPPBPS | 53 endfed | | 12 | 12 | 1 per panel | 5/32" |
| 5 | System | Orange | LPPPBPS | 45 endfed | 3.5 | 10 | 10 | 1 per panel | 5/32" |
| 6 | System | Pink | LPPPBPS | 52 endfed | | 12 | 12 | 1 per panel | 5/32" |
| 7 | Repair | Blue | LPPPBPS | 70 | | | | | |
| 8 | Repair | Pink | LPPPBPS | 65 | | | | | |
| 9 | Repair | Orange | LPPPBPS | 85 | | | | | |
| 10 | Repair | Blue | LPPPBPS | 85 | | | | | |
| 11 | Repair | Pink | LPPPBPS | 45 | 11.6 | | | | |
| | | | | | | Total: 72 | Total: 72 (1 in each panel turned up) | | |
| | | | | Total System: 320' | | | | | |
| | | | | Total Repair: 350' | | | | | |

| | | | |
|---|---|---|---|
| Tank | Red | 1500 gal (2 compartment) | 9.4 |
| Pump Tank | Red | 1500 gal. | 9.4 |
| House | Blue | | 8.5 |

**Note: Fill all minor gullies. Septic easement 612-568A for system and repair. Additional Repair located behind house. Imported fill (6") needed for repair.**

**The Farms Lot 568 Fast Track System Specifications (April 30, 2015)**

Harris Construction Group

| | |
|---|---|
| **Number of Bedrooms** | 4 |
| **Basement or Crawl** | **Crawl/Slab Garage** |
| **Design Flow (gpd)** | 480 |
| **LTAR (gpd/ft2)** | 0.275 |
| | |
| **Primary System Type** | **Gravity 25 Percent Reduction** |
| | |
| No. Lines | 7 (See Site Plan) |
| Total Linear Feet | 436 |
| | |
| Trench Width | 3' min. |
| Trench Spacing | 9' min. |
| | |
| Pump Required | No |
| Distribution Device | Drop Boxes<br>(can use other approved devices) |
| Maintenance Agreement Required | No |

| | |
|---|---|
| **Repair System** | **25 Percent Reduction** |
| Total Linear Feet | 670 ft shown as permitted with current ICHD Permit (480 required) |
| Repair LTAR | 0.25 |

**Note:** **Installer and ICHD shall verify all line locations, tank locations, and elevations prior to installation.**
System is to be installed according to any other ICHD requirements or policies.
These specifications are to satisfy the ICHD Fast Track LSS checklist and are not intended to represent an Engineered System Design.
Use trench depth on ICHD IP.

RTMENT OF HEALTH AND HUMAN SERVICES
VISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 2
PROPERTY ID #: 46265 72699
COUNTY: Iredell

# SOIL/SITE EVALUATION
## *for* ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: Farm 568 Cyrus Custom Homes
ADDRESS: Cherry Tree Dr
PROPOSED FACILITY: 4 bd
LOCATION OF SITE: Farms 568
APPLICATION DATE: 4-30
DATE EVALUATED: 4-22
PROPOSED DESIGN FLOW (.1949): 480
PROPERTY SIZE:
PROPERTY RECORDED:
WATER SUPPLY: Private (Public) Well Spring Other — Comm, WE
EVALUATION METHOD: (Auger Boring) Pit Cut
TYPE OF WASTEWATER: (Sewage) Industrial Process Mixed

| PROFILE # | .1940 LANDSCAPE POSITION/ SLOPE % | HORIZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE | .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | L 2-5 | 0-3 | SiL c | fr s/p | M | | | | |
| | | 3-8 | wsbk cl | fr ss/se | br | | | | |
| | | 8-39 | msbk c | fr s/p | br | | | | |
| | | 39-49 | wsbk cl | fr ss/se | M br | (58) | | | |
| | | 49-58 | wsbk cl | fr ss/se | M gr | | | | |
| 2 | L 2-5 | 0-31 | wsbk c | fr ss/se | yel br | fr-c | SAP | | |
| | | 31-49 | wsbk cl | fr ss/se | gr/br | c | SAP | | |
| | | 49-58 | vwsbk/mass | fr | SAP | fr | ss/sp | | |
| | | | | | | 49+ | PS | | |
| 3 | L 2-5 | 0-8 | mL c | fr s/p | wsbk | fr s/p | M | | |
| | | 8-12 | wsbk cl | fr s/p | br | | | | |
| | | 12-24 | wsbk c | fr s/p | M br | fr | SAP | | |
| | | 24-54 | wsbk cl | fr ss/se | M gr | c | SAP | | |
| | | 54-60 | mass | SAP | fr | ss/se | 54+ | PS | |
| 4 | L 2-5 | 0-8 | mL c | fr s/p | | | | | |
| | | 8-12 | wsbk cl | fr s/p | br | | | | |
| | | 12-34 | msbk c | fr s/p | ss/se | M | fr | SAP | |
| | | 34-48 | wsbk cl | fr ss/se | M br | c | SAP | | |
| | | | | | (3) | (48) | - | | |

OK MP 5/11/15

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | 25% Red | RPBPS |
| System Type(s) | III | IV |
| Site LTAR | .275 | .25 |

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Paul Penninger
OTHER(S) PRESENT: Maria Dotson

COMMENTS:

# SOIL/SITE EVALUATION

*(Continuation Sheet-Complete all field in full)*



DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: 4626572699
DATE OF EVALUATION: 5-5-15
COUNTY: Iredell

Form SGG

| PROFILE # | .1940 LANDSCAPE POSITION/ SLOPE % | HORIZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE | SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| | L<br>-5 | 0-10 | red lr c sil | | red br | | | OK JMP 5/5/15 | PS |
| | | 10-27 | wsbk c-cl | fr sb | br red | f mn | | | -2 |
| | | 27-44 | wsbk c | fr sb | red br sl | f SAP | N | | =2 |
| | | 44-55 | wsbk cl | fr ss/se | red yel | f SAP | | | |
| | | 55-60+ | wsbk cl | fr ss/se | yel br | 55 CR | PS | | -2 |
| | 5/5/15<br>L<br>6<br>5% | 0-22 | RC/CLm | wSBK FR, | | few SAP | | | PS |
| | | 22-48' | C/L | wSBK FR, SS, SP, SE | SAP common | 48" | SAP Indus | | .3 |

COMMENTS: