IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625

IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

11:30 MP

PERMIT # 208077

APPLICANT: Harris Construction Group

APPLICANT ADDRESS: 9350 Rey Rd Charlotte NC 28277

PIN # 4626-57-2738 48

SITE ADDRESS: 124 Cherry Tree Dr - Mooresville

PHONE: 704-634-1263 ALT. PHONE:

SITE DIRECTIONS: Brawley Sch Rd, TR on Mckendree, TR on Grasshopper, TR on Cherry Tree, Lot on R

SUBDIVISION: The Farms SECTION: 5 LOT # 567/567A LOT AREA: 0.878 ac DESIGN FLOW: 480 gpd L.T.A.R.: 0.25

Septic Tank 1500 (gal) STB 338 Date 5-25-15 ☑ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI

Pump Tank 1000 (gal) PT 27 Date 6-30-15 System Description: PM 25% Reduction

Pump Make Goulds Model WE01017HU Serial # Repair System Description: LP PPSPS

Nitrification Fields 1 # Lines 8 Linear Ft: 480' Maintenance Agreement Required: ☐ YES ☑ NO

Trench Width 36" Max. Trench Bottom Depth 36" Gravel Depth N/A ☐ GRAVITY ☑ PRESSURE

☑ Residence ☐ Business ☐ Other ☐ Slab ☐ Basement w/plumbing

No. Bedrooms 4 No. Persons 8 No. Employees ___ ☑ Crawl Space ☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☑ Community

Comments / Conditions: * 2.5" Supply line specified by design *

- Foundation drain located around house, ST + PT must be located below bottom of foundation drain elevation to be within 5' of crawl space. (Off site septic system)

8/7/15, Used ADS (5FT) Chambers (leaked) lines, tanks & pressure manifold 1½" Foundation drain higher than ST seal.

INITIAL SITE SKETCH

SEE DESIGN BY S&ME

(Dated 5-29-15, Approved 6-12-15 AZP)
(As previously issued on 2-3-15 by MDS
(This permit replaces permit dated 3-20-07)

AS BUILT SKETCH

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** *with plan valid without expiration.* ☑ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☑ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: _____ Date: 6/15/2015 Installed by: Stanley Septic

IMPROVEMENT PERMIT by: _____ Date: 6-12-15 OPERATION PERMIT by: _____ Date: 8-14-15

AUTHORIZATION TO CONSTRUCT by: _____ Date: 6-12-15 Existing System Inspected by: _____ Date: _____

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK

The Farms Lot 567 Fast Track System Information (5-6-15)
Harris Construction Group

Table: Summary of Primary Nitrification Lines

Line No.	Use	Line Color	System Type	Line Length (Ft.)	*Rod Reading (Ft.)
1	System	orange	25% Reduction	48	0.8
2	System	blue	25% Reduction	48	0.8
3	System	pink	25% Reduction	64	1.1
4	System	orange	25% Reduction	64	1.1
5	System	blue	25% Reduction	64	1.2
6	Repair	pink	25% Reduction	64	2.4
7	Repair	Red	25% Reduction	64	3.7
8	Repair	orange	25% Reduction	64	5.7
				Total System: 480'	

Tank	white	1500 gal (2 compartment)	*Rod Reading (ft)
Pump Tank	white	1500 gal.	5.4
House		Left Rear Corner	5.3

Manifold Information		
Tap Size (In.)	1/2	1/2
Tap Material	SCH 40 PVC	SCH 80 PVC**
No. Taps	8	2
Barrel Size (In.)	4	4
Barrel Material	SCH 80 PVC	SCH 80 PVC
Flow (gpm)/Tap	7.1	5.5

NOTES:
* elevations must be verified by installer at installation and final tank placement.

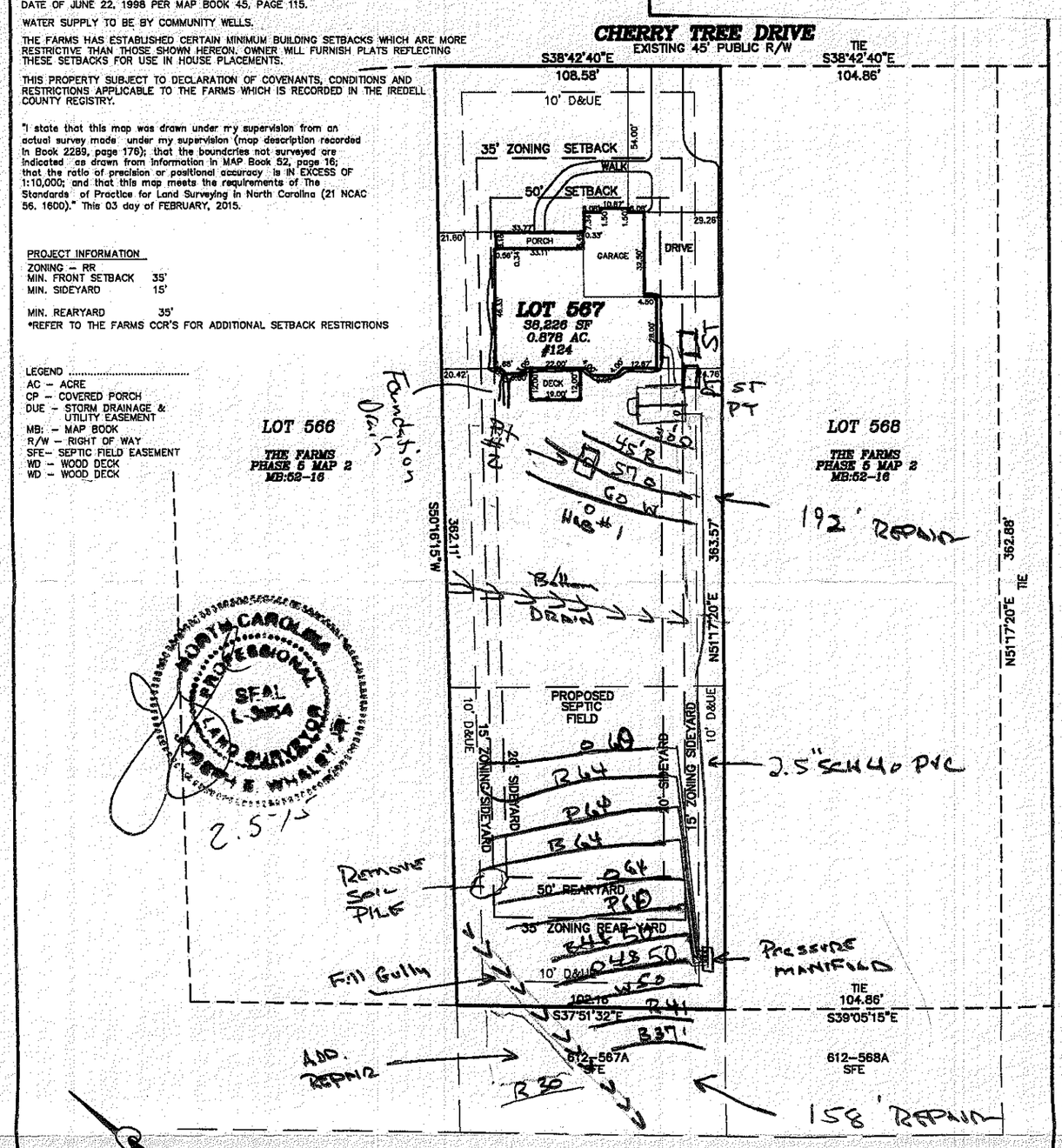
**Use 1/2 In SCH 80 Taps for two 48 ft lines.

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 C 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 03 day of FEBRUARY, 2015.

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
SFE– SEPTIC FIELD EASEMENT
WD – WOOD DECK
WD – WOOD DECK



BEARINGS BASED ON MB:52-16

PRELIMINARY---NO EXISTING BUILDINGS 02/03/15

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

REVISED 02/03/2015

MAP FOR
PLOT PLAN FOR CYRAS CUSTOM HOMES

SCALE	TOWNSHIP	COUNTY	STATE	DATE
1" = 50'	DAVIDSON	IREDELL	N.C.	01/13/15

124 CHERRY TREE DRIVE
LOT 567 OF THE FARMS PHASE 5 MAP 2

SURVEYED
DRAWN YWH
YARBROUGH-WILLIAMS & HOULE, INC.
730 WINDSOR OAK COURT CHARLOTTE, NC., 28273
704-556-1990 NCBELS LICENSE # C-0475
MAP RECORDED 52-16
DEED RECORDED 2125-2070

SEAL L-3954 NORTH CAROLINA PROFESSIONAL LAND SURVEYOR JOSEPH E WHALEY JR.

2.5"

Approved 6-12-15 AP

HARRIS CONSTRUCTION GROUP
Site Proj ct 1584-12-080B Rev.01
SITE PLAN MUST ACCOMPANY SITE WRITTEN REPORT