IREDELL COUNTY HEALTH DEPARTMENT

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

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

PERMIT # 209232

PIN # 4626-48-9923

APPLICANT: G.P. Kon

APPLICANT ADDRESS: PO Box 102 Sherrills Ford

SITE ADDRESS: 129 Silverlake Trail Mooresville

PHONE: 828-478-9699 ALT. PHONE:

SITE DIRECTIONS: BSR TR McKendree, TR Digh, TR Montclair, TR Silver Lake, on L

SUBDIVISION: The Farms SECTION: 5 LOT # 556 LOT AREA: 1.05 AC DESIGN FLOW: 480 L.T.A.R.: .3

Septic Tank 1500 (gal) STB Infiltrator Date

Pump Tank 1000 (gal) PT Infiltrator Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 3 Linear Ft: 267'

Trench Width 24" Max. Trench Bottom Depth 36" Gravel Depth —

☑ New System ☐ Repair ☐ Expansion System Type: I II III (IV) V VI

System Description: LP- Panel Block

Repair System Description: Same

Maintenance Agreement Required: ☑ YES ☐ NO

☐ GRAVITY ☑ PRESSURE

☑ Residence No. Bedrooms 4

☐ Business No. Persons 8

☐ Other No. Employees

☐ Slab ☐ Crawl Space

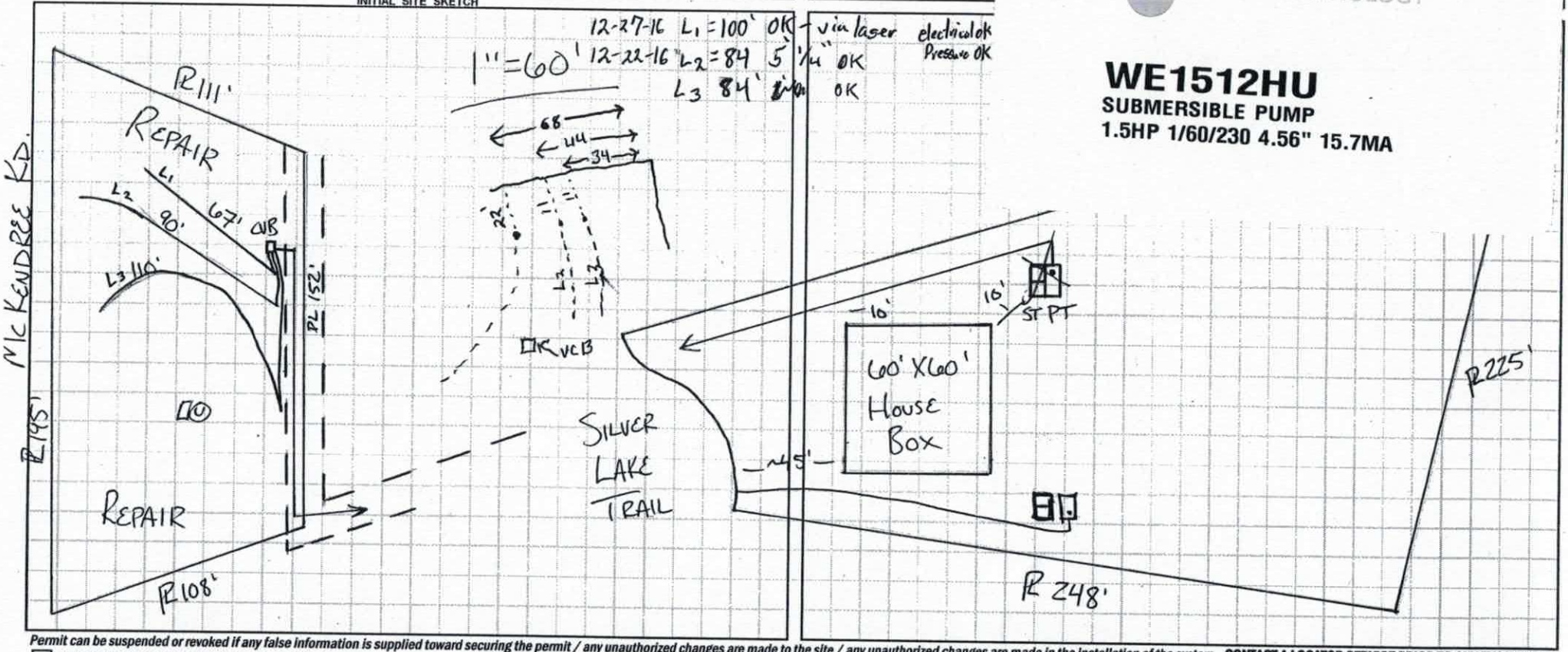
☑ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☑ Community

Comments / Conditions: Tanks & Supply Line can be moved to other side if needed.

Off site septic is on Lot 556A PIN# 4626-49-4383.556A

INITIAL SITE SKETCH



GOULDS WATER TECHNOLOGY

WE1512HU
SUBMERSIBLE PUMP
1.5HP 1/60/230 4.56" 15.7MA

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 plat 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: 12-14-2016 Installed by: Russell Williams

IMPROVEMENT PERMIT by: Date: 12-13-16 OPERATION PERMIT by: Tom Church Date: 12-27-16

AUTHORIZATION TO CONSTRUCT: Date: 12-13-16 Existing System Inspected by: Date:

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

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: ___
COUNTY: ___

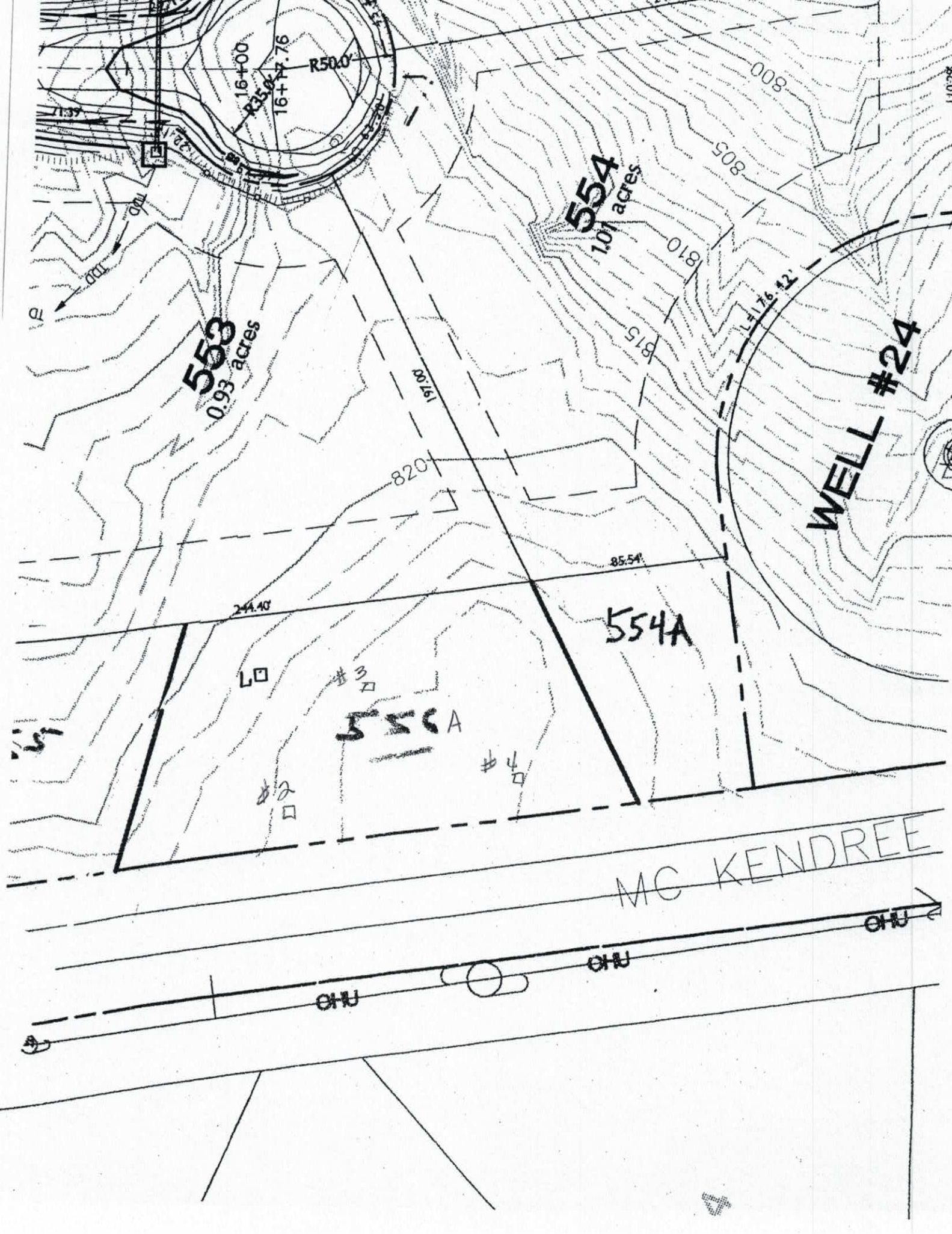
SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

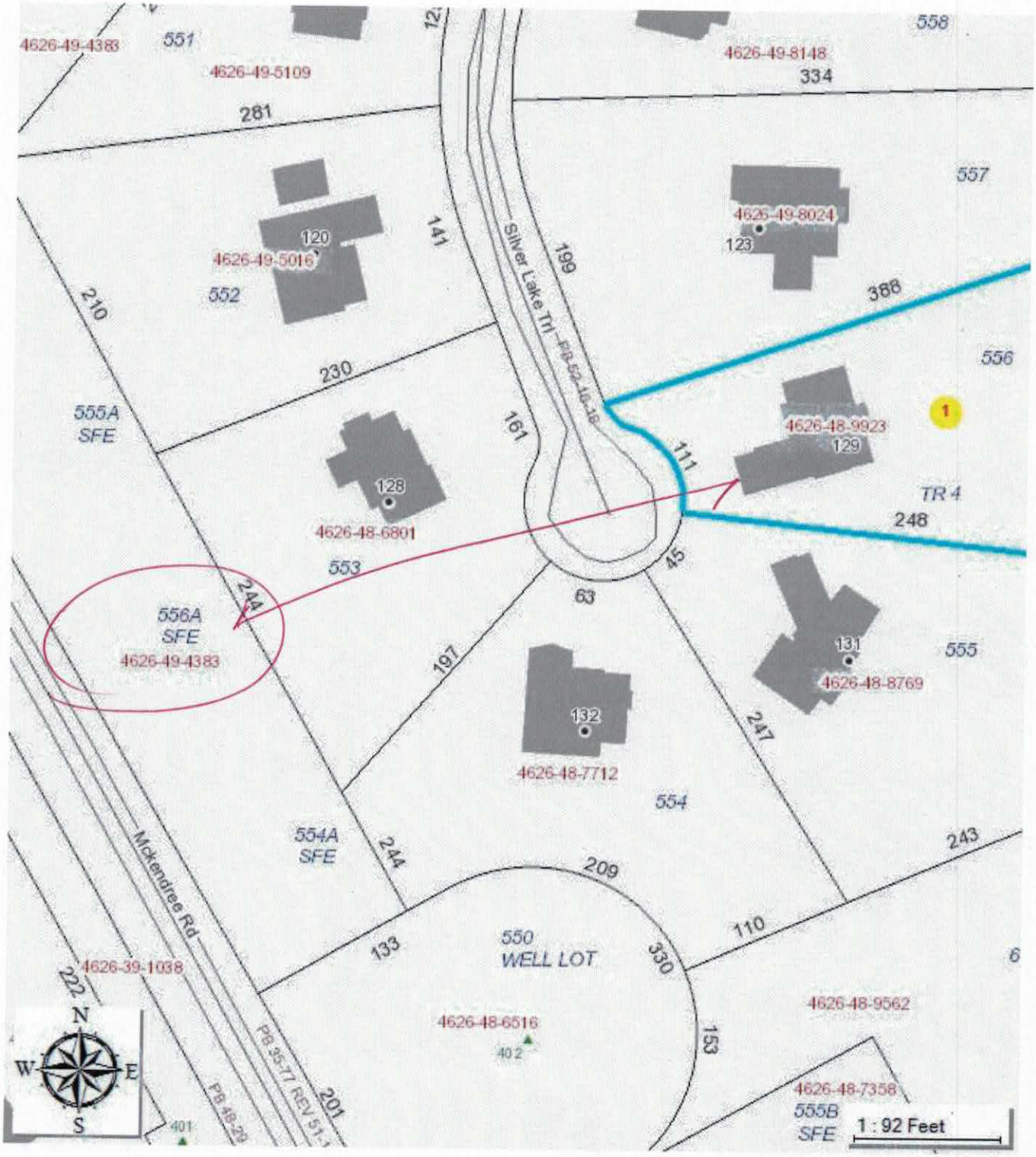
OWNER: Farms V
ADDRESS: ___ APPLICATION DATE ___
PROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): 480 DATE EVALUATED: 5/9/06
LOCATION OF SITE: Lot 556 PROPERTY SIZE: ___
WATER SUPPLY: ☐ Private ☒ Public ☒ Well ☐ Spring ☐ Other PROPERTY RECORDED: ___
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1935 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	pit #7 L 5%	0-30	Mo SBK C	FR SS/SP	Red		F/C sap		0.3
		30-48	WK SBK C/L	FR SS/SP	Lt Red		C sap		
2	#2 L	0-4	mo gr sl	fr ss/sp	DK Br				0.3
		4-26	mo sbk c	fr ss/sp	Red		F sap		
		26-45	mo sbk cl	fr ss/sp	Red		F sap		
		45-55	wk sbk cl	fr ss/sp	Red		C sap		
3	#3 L	0-24	Mo ABK/SBK C	FR SS/SP	Red				0.3
		24-41	WK SBK C	FR SS/SP	Red		F sap	(Relic yel Br)	
		41-51	WK SBK CL	FR SS/SP	Red		C sap	(Relic yel Br)	
4	#4	0-14	wk sbk c	fr ss/sp	Red				0.3
		14-36	mo sbk c	fr ss/sp	Red		F sap		
		36-52	wk sbk cl	fr ss/sp	Red		C sap		

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1945): ___
EVALUATED BY: ___
OTHER(S) PRESENT: ___
COMMENTS:


554
1.01 acres
553
0.93 acres
554A
WELL #24
MC KENDREE
R50.0'
R35.0'
16+00
16+27.76
800
805
810
815
820
191.00'
244.40'
85.54'
OHU
OHU
OHU


4626-49-4383
551
4626-49-5109
281
558
4626-49-8148
334
557
4626-49-8024
123
120
4626-49-5016
552
141
199
Silver Lake Trl
210
386
556
230
555A
SFE
161
111
4626-48-9923
129
1
TR 4
248
128
4626-48-6801
553
45
63
244
556A
SFE
4626-49-4383
197
131
555
4626-48-8769
132
247
4626-48-7712
554
554A
SFE
244
209
243
Mckendree Rd
133
550
WELL LOT
330
110
6
4626-39-1038
222
4626-48-9562
4626-48-6516
402
153
PB 95-77 REV 51-1
PB 48-29
201
4626-48-7358
555B
SFE
401
N
W
E
S
1 : 92 Feet

FIRST FLOOR PLAN

SCALE: $\frac{1}{4}$" = 1'-0"

BASEMENT AREA:	2404 SQ. FT.
FIRST FLOOR FINISHED:	2404 SQ. FT.
SECOND FLOOR FINISHED:	1498 SQ. FT.
GARAGE:	869 SQ. FT.
FRONT PORCH:	64 SQ. FT.
ELEVATED DECK:	278 SQ. FT.
TOTAL FINISHED:	3902 SQ. FT.
TOTAL HOUSE UNDER FOOTING / ROOF:	7517 SQ. FT.

Acknowledgement
Plans Submittal ONLY!
Date 3-24-2015
Date 4/2/15

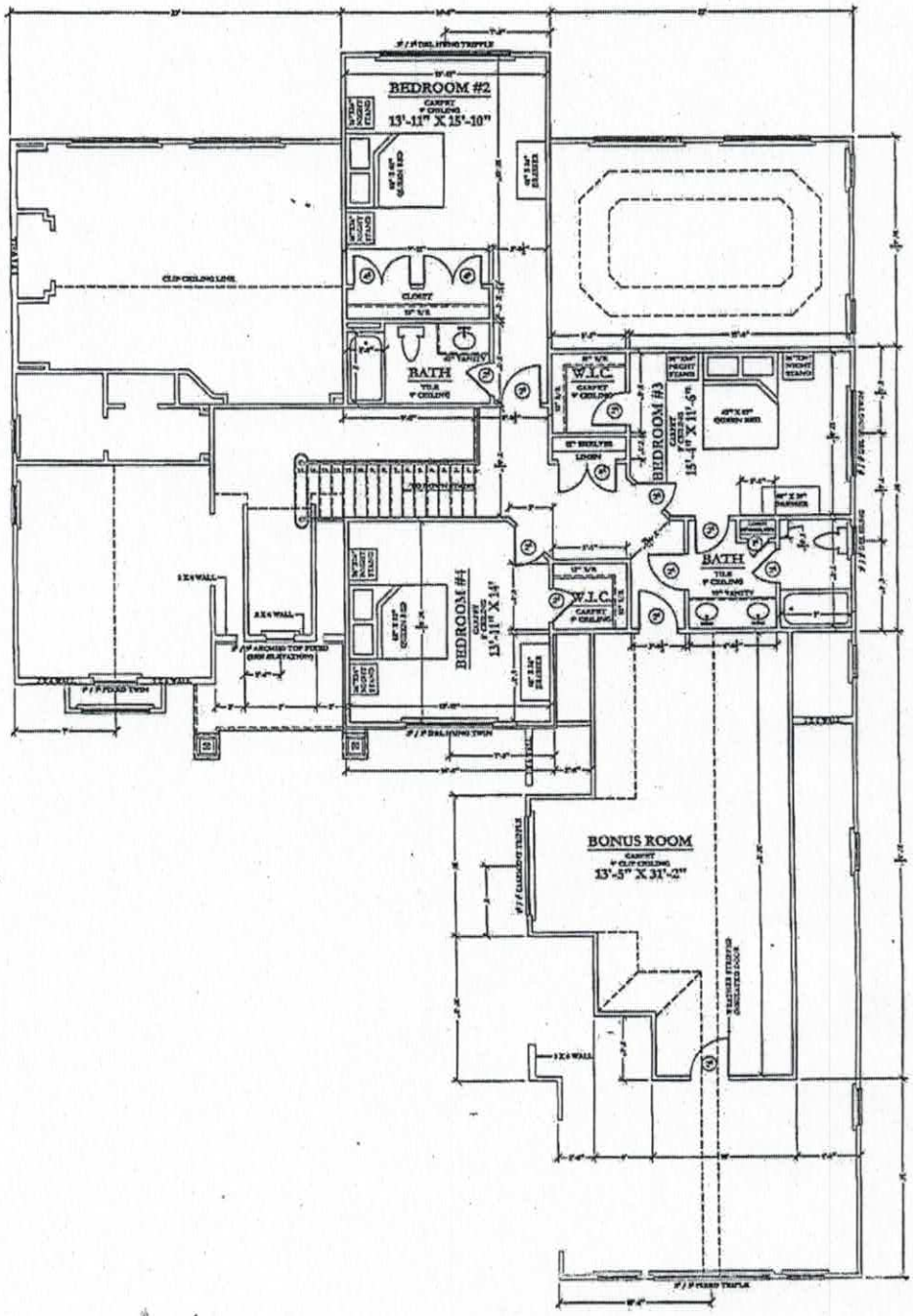
First Floor Plan	
A-4	

McFarland Design Group Inc.
7231 Windy Pine Circle Denver, NC 28037
980-722-1726
www.mcfarlanddesign.com

"G.P. Kon Custom Homes"
Lot #556 "The Farms", Mooresville,
Iredell County, NC 28117

McFarland Design Group or Robert S. McFarland assumes no liability for any construction from this plan. Release of these plans acknowledges further cooperation among the owner and his contractors. Changes made from these plans without consent of the McFarland Design Group are unauthorized and shall relieve the designer of responsibility for all consequences arising out of such changes. Written dimensions on these drawings shall have precedence over scaled dimensions. Contractor shall verify and be responsible for all dimensions and conditions on the job.

General Notes



SECOND FLOOR PLAN

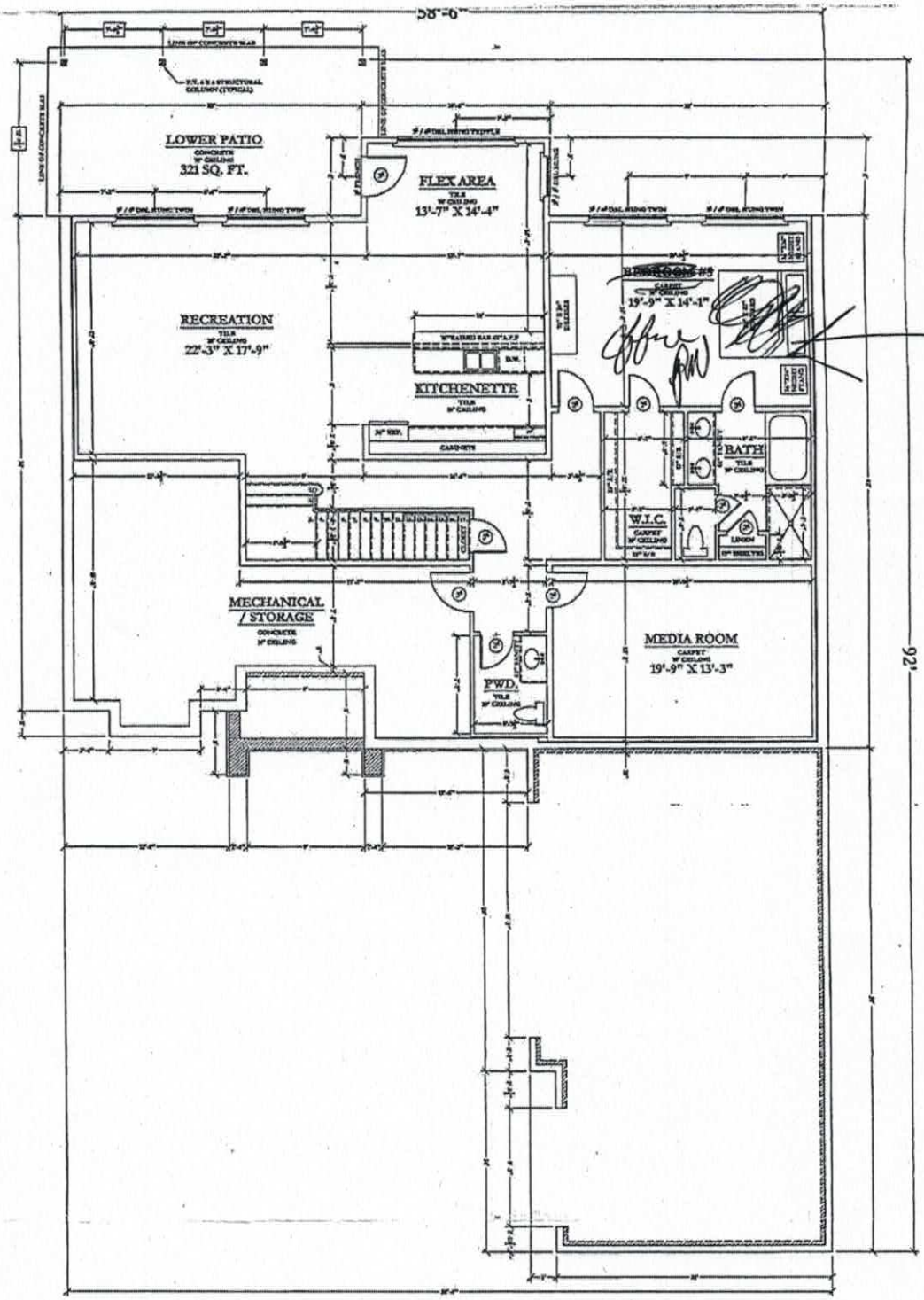
SCALE: $\frac{1}{4}$" = 1'-0"

SECOND FLOOR FINISHED: 1498 SQ. FT.

Acknowledgement
Plans Submittal ONLY!
Date 3-24-2015

Date

Second Floor Plan	A-5	McFarland Design Group Inc. 7231 Windy Pine Circle Denver, NC 28037 980-722-1726 www.mcfarlanddesign.com	"G.P. Kon Custom Homes" Lot #556 "The Farms", Mooresville, Iredell County, NC 28117



Can no
do 5th
Bedroo

BASEMENT PLAN

SCALE: $\frac{1}{4}$" = 1'-0"

OPTIONAL BASEMENT FINISHED: 1862 SQ. FT.

UNFINISHED: 542 SQ. FT.

LOWER PATIO: 321 SQ. FT.

Acknowledgement
Plans Submittal ONLY!
Date 3-31-2015
Date 4/2/15

Basement Plan	McFarland Design Group Inc.	"G.P. Kon Custom Homes"
Issue Date	7231 Windy Pine Circle Denver, NC 28037	Lot #556 "The Farms", Mooresville,
Job No.	980-722-1726	Iredell County, NC 28117
A-3	www.mcfarlanddesign.com	