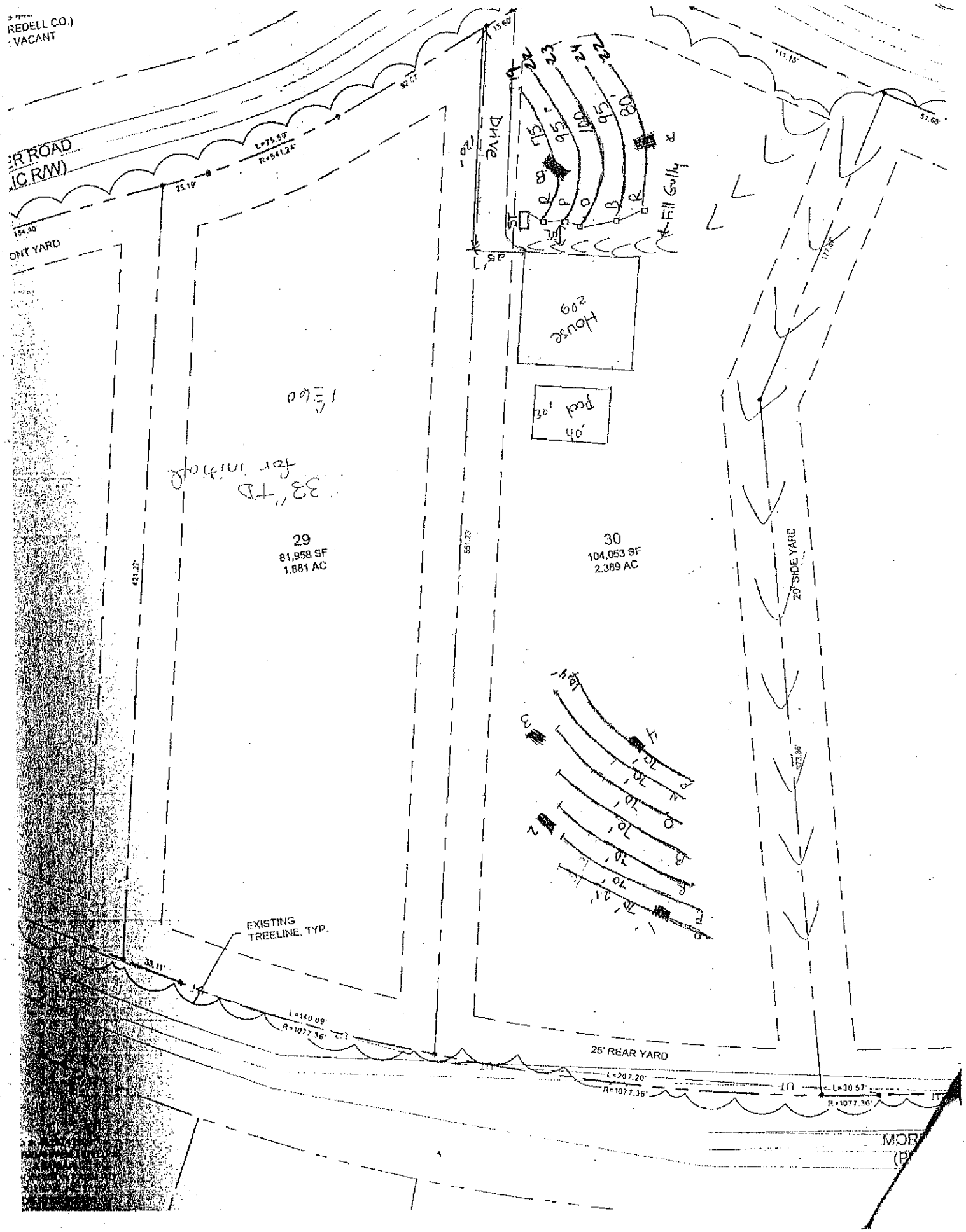

REDELL CO.)
VACANT
R ROAD
IC R/W)
ONT YARD
Drive
Fill Gully
House
60'
30' pool
40'
29
81,958 SF
1.881 AC
30
104,053 SF
2.389 AC
421.27'
591.23'
20' SIDE YARD
EXISTING
TREELINE, TYP.
25' REAR YARD
L=149.89'
R=1077.36'
L=207.20'
R=1077.36'
L=30.57'
R=1077.36'

Falls Park Lot 30 Fast Track - The Oaks Group, PA

Number of Bedrooms	**4**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**480**
Primary System LTAR (gpd/ft2)	**0.275**
Primary System Type	**25% Reduction**
No. Lines	5 (See Table)
Total Linear Feet	445
Trench Width	3' min.
Trench Spacing	9' min.
Distribution Device	Drop Boxes or Other
Tank Size	1000 gallon tank
Max Trench Bottom Depth	33"
Maintenance Agreement Required	No
Repair System	**25% Reduction**
Total Linear Feet	490
Repair Loading Rate	0.25
Trench Depth	36"

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	Orange	25% Reduction	70
2	Repair	Pink	25% Reduction	70
3	Repair	Red	25% Reduction	70
4	Repair	Blue	25% Reduction	70
5	Repair	Orange	25% Reduction	70
6	Repair	NF	25% Reduction	70
7	Repair	Pink	25% Reduction	70
8	System	Red	25% Reduction	75 endfed
9	System	Pink	25% Reduction	95 endfed
10	System	Orange	25% Reduction	100 endfed
11	System	Blue	25% Reduction	95 endfed
12	System	Red	25% Reduction	80 endfed
				Total System: 445'
				Total Repair: 490'

Note: Keep any grading for the house box or pool a minimum of 25 ft from repair area
Remove any existing agricultural berms
Tank and distribution device locations/type can be altered at the ICHD discretion

Keep proper setbacks to foundation drains if used.
Can tighten lines in center to keep lines out of rock vein in Pit A
Stub plumbing to allow gravity flow to tank

On-Site Wastewater Section

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Lot #: 30
File #:
AppID:

Owner: Falls Park, LLC
Address:
Proposed Facility: SFR
Design Flow (.1949) 480
Location of Site: Falls Park Lot 30

Applicant:
Date Evaluated: 3/24/14
Property Size: 2.389
Property Recorded:

Water Supply: [X] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

OK JH

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941 — 1941 Structure/ Texture	1941 Consistence Mineralogy	b PROFILE FACTORS 1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
1	L	0-5	moGRSL	FR ns/np	Br				0.25
		5-29	WK SBK C	Fi SS/SP	Red; C yel Br				
		29-48	WK SBK CL	FR SS/SP	Red; C sap				
2	L	0-6	moGRSL	FR ns/np	Br				0.25
		6-17	moSBK C	FR SS/SP	Red				
		17-32	moABK C	Fi SS/SP	Red; C yel Br				
		32-48	WK SBK CL	FR SS/SP	Red				
3	L	0-17	WK SBK SL	FR SS/SP	Br				0.25 Platy to soils 36"
		17-24	WK SBK C	FR SS/SP	Red				
		24-48	WK ABK C	Fi SS/SP	Red; C yel Br; F sap				
4	L	0-16	WK SBK SL	FR SS/SP	Br				0.3
		16-48	Mo SBK C	FR SS/SP	Red; F sap				

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR	~~0.25~~ 0.275	0.25

Other Factors (.1946): 36" TBD
Soil Evaluation By: KMS
Others Present: DB
Site Classification (.1948): PS
Site Evaluation By: KMS
Others Present:

Project #:
Property ID #: 30
County:

SOIL/SITE EVALUATION

Sheet: 1
Date Evaluated: 8/3/15

Owner or Client: Livewell Homes
Proposed Facility:
Design Flow:
Location of Site: Lot 30 Falls Park
Soil Described By: KMS
Others Present: ELH
Antecedent Moisture: Dry
Weather:

Property Size: 2.3 A
Site LTAR: Int. 0.25 Rep. 0.25
Site Classification: PS

OK JH

Water Supply: [X] Public [ ] Community [ ] On-Site Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	Lscp. Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY Structure	Texture	Consistence	PROFILE FACTORS Inclusions	Matrix Color	Mottles	Profile Notes (Restr Horiz, Soil Depth, Coarse Frag, etc...)	Profile Class & LTAR
A	L	0-3	GR SL	FR ss/np			Br		R Ymn @ step	0.275
		3-21	MO ABK C	FR ss/sp			R		(surface)	
		21-42	WK SBK C	FR ss/sp		CSAP	R		↳soil/sap	
		42-52	MB LSAP	FR ss/sp			multi		below	
B	L	0-3	GR SL	FR ns/np			Br			0.3
		3-21	MO SBK C	FR ss/sp			R			
		21-37	WK SBK C	FR ss/sp		CSAP	R			
		37-52	MA L SAP	FR ss/sp		FCL pocket	RBr			

COMMENTS: