ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 (BB) Mooresville Office (704) 660-3625 PERMIT # BLDR-2023-29269 OSWP 2023 260800

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

PIN # 4739 -- 29 -- 8108

APPLICANT/OWNER: Custom Homes by Usa APPLICANT ADDRESS: 194 Cross Country Rd Statesville NC 28625

SITE ADDRESS: 430 N Chipley Ford Rd Statesville NC 28625 PHONE: 704 902 0733 ALT. PHONE —

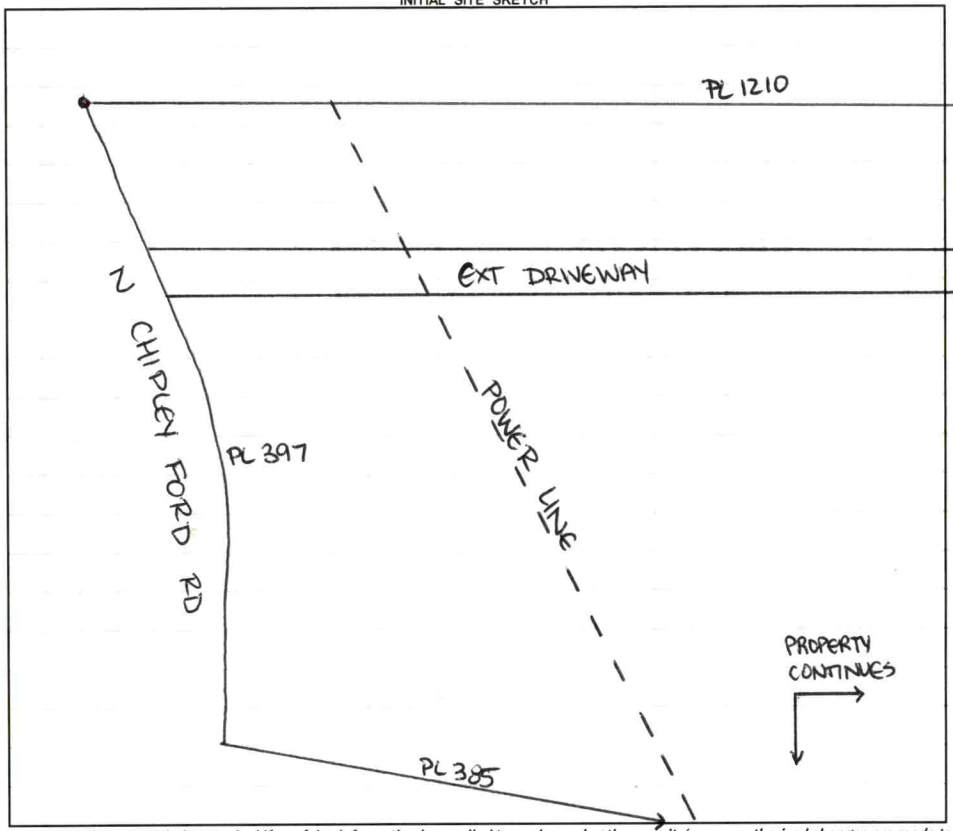
SITE DIRECTIONS: Hwy 115 N → S Chipley Ford → (L) Snow Creek → (R) N Chipley Ford → site on R SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Jerry R Elliot + Lorena H Elliot SECTION: — LOT # 3 LOT AREA: 9.987 AC DESIGN FLOW: 360 L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB 760	Date 5-5-23	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 3	Water Supply
Pump Tank		(gal)	PT	Date	System Description: Gravity 25% Reduction				☐ Business	No. Persons 6	☑ Private
Pump Make		Model		Serial #	Repair System Description: Gravity 75% Reduction				☐ Other	No. Employees —	☐ Public
# Nitrification Fields	1	# Lines	3	Linear Ft 300'	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☐ Crawl Space	☐ Community
Trench Width	36"	Trench Bottom Depth ~~(Low side)~~	36" MAX	Gravel Depth —	☒ GRAVITY	☐ PRESSURE			☐ Basement w/plumbing	☒ Basement w/o plumbing	

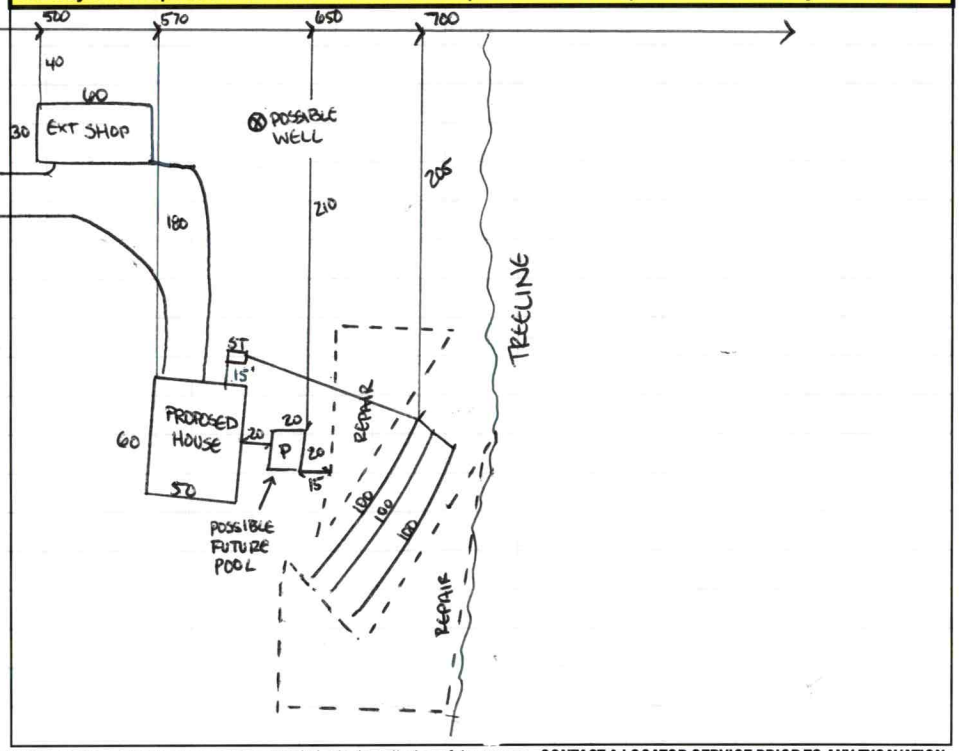
Comments / Conditions: Install on contour utilize serial distribution. Do not drive, pave, park, grade in septic area.

INITIAL SITE SKETCH



AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.



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: ONLINE Date: Installed by: Jake Williams

IMPROVEMENT PERMIT by: Sarah Bradley Date: 6/15/2023 OPERATION PERMIT by: Sydney Holland Date: 7/13/23

AUTHORIZATION TO CONSTRUCT by: Sarah Bradley Date: 6/15/2023 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

Sheet 1 of 1
PROPERTY ID #:
COUNTY: Iredell

4739298108

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

OWNER: Jerry & Penny Goodin / Custom Homes by Lisa — APPLICATION DATE 5/31/23
ADDRESS: 194 Cross Country Rd Statesville NC 28625 — DATE EVALUATED: 6/14/23
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): 360 — PROPERTY SIZE: 9.987
LOCATION OF SITE: 430 N Chipley Ford Rd Statesville NC 28625 — PROPERTY RECORDED: ✓
WATER SUPPLY: Private Public (Well) Spring Other
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	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
1	Linear 5-7%	0-10	PLOW C	DIST SS SP SE FR	2.5Y 8/6 @ 32"	54"		—	PS 0.3
		10-30	C SBK/ABK	SS SP SE FR					
		30-54	CL SBK	SS SP SE FR	few YBe clay break Heavy SAP + Micah incl 34"+				
2	Linear 5-7%	0-6	CL DIST PLOW	SS SP SE FR	2.5Y 8/8 @ 30"	55"		—	PS 0.3
		6-30	C SBK	S P SE FR					
		30-55	CL SBK	SS SP SE FR	many SAP incl 30"+ few manganese mottles / incl 30"+				
3	Linear 5-7%	0-8	C DIST PLOW	SS SP SE FR		54"		—	PS 0.3
		8-25	C SBK	S P SE FR					
		25-54	CL SBK	SS SP SE FR	heavy SAP incl 39"+ Micah incl 32"+				
4	Linear 5-7%	0-8	CL DIST PLOW	SS SP SE FR		50"		—	PS 0.3
		8-29	C ABK	SS SP SE FR					
		29-50	CL SBK	SS SP SE FR	SAP INCL 32"+				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	300'	300'
System Type(s)	G 25%	G 25%
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS 0.3
EVALUATED BY: S. Bracken
OTHER(S) PRESENT: —

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

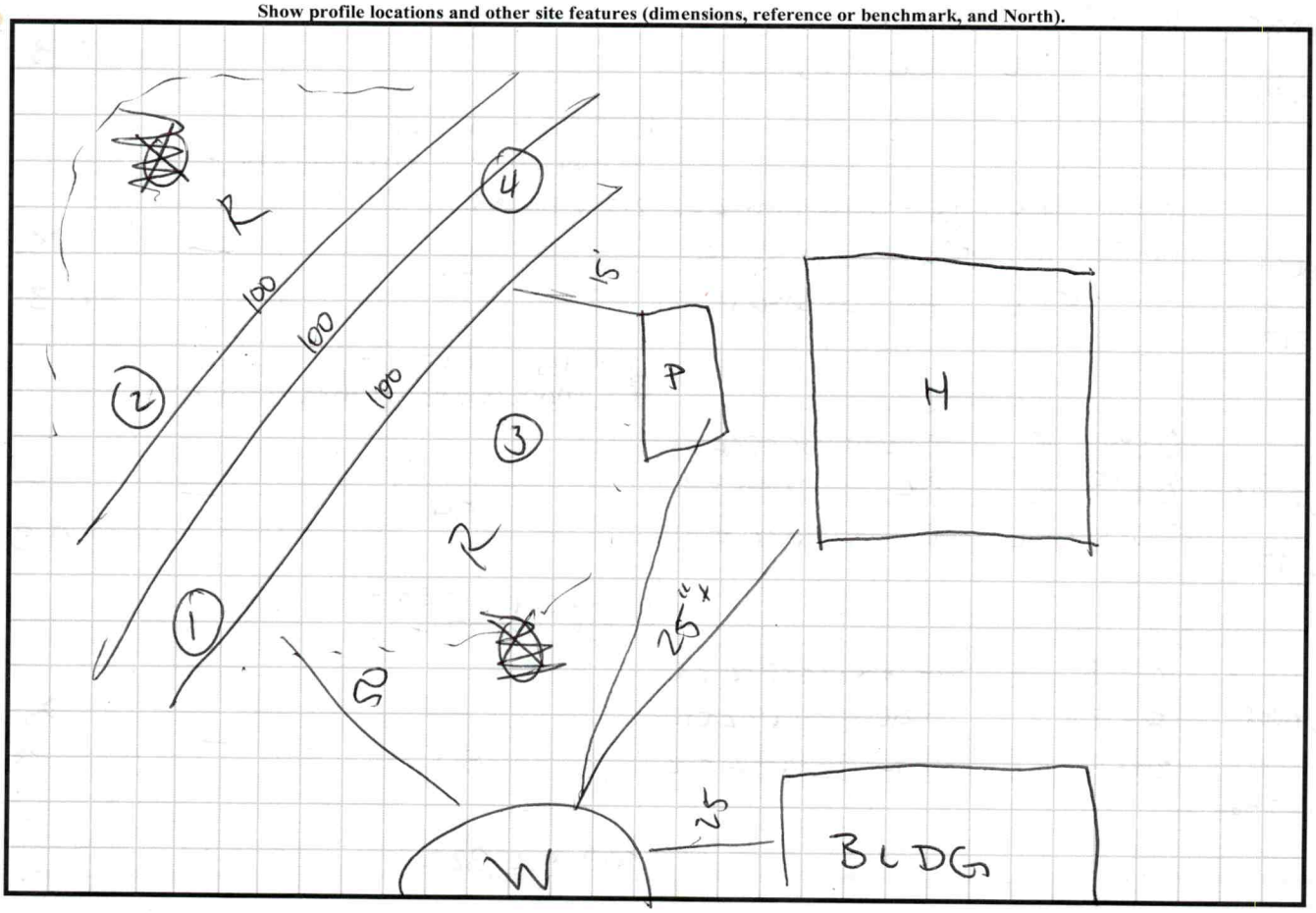
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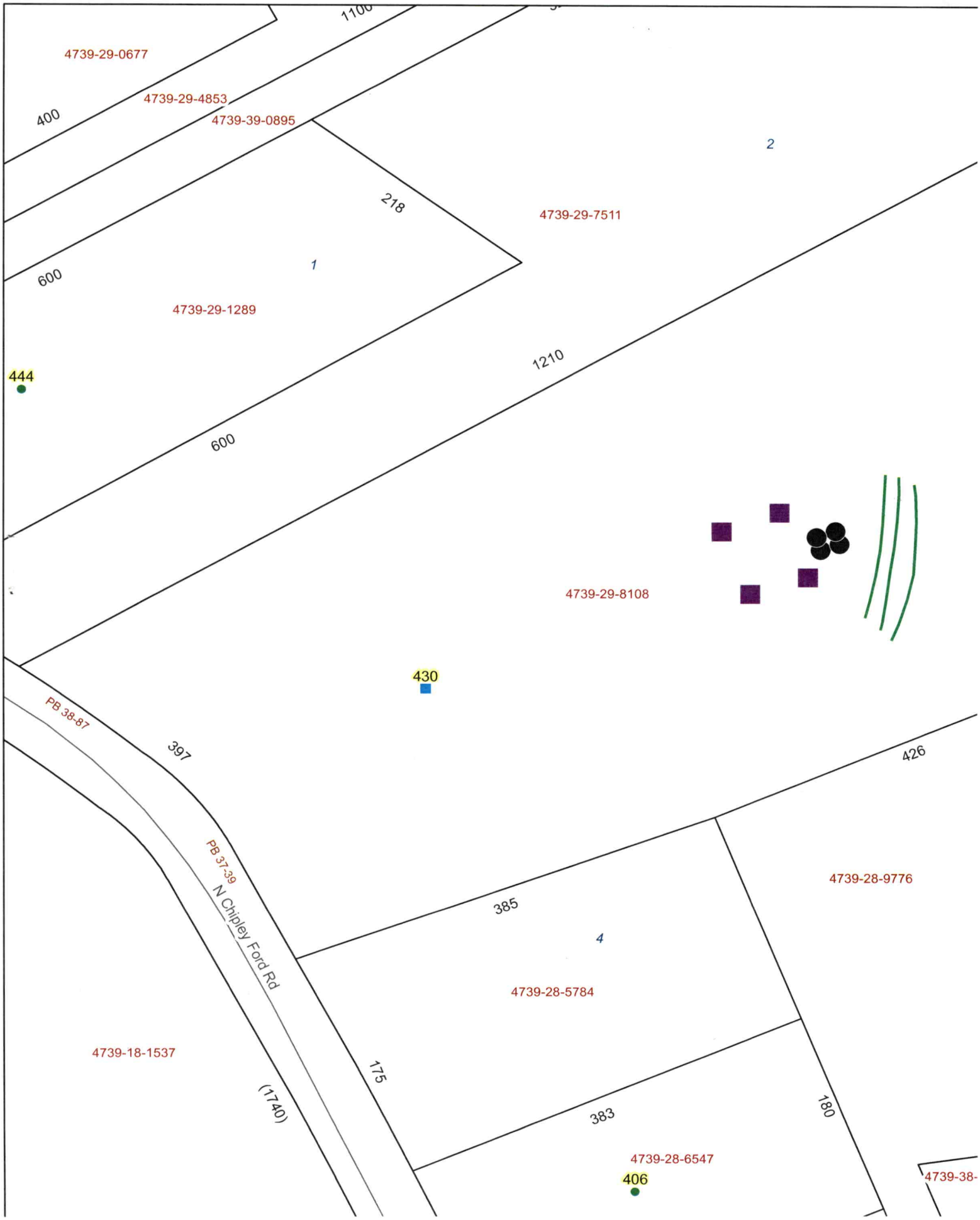
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

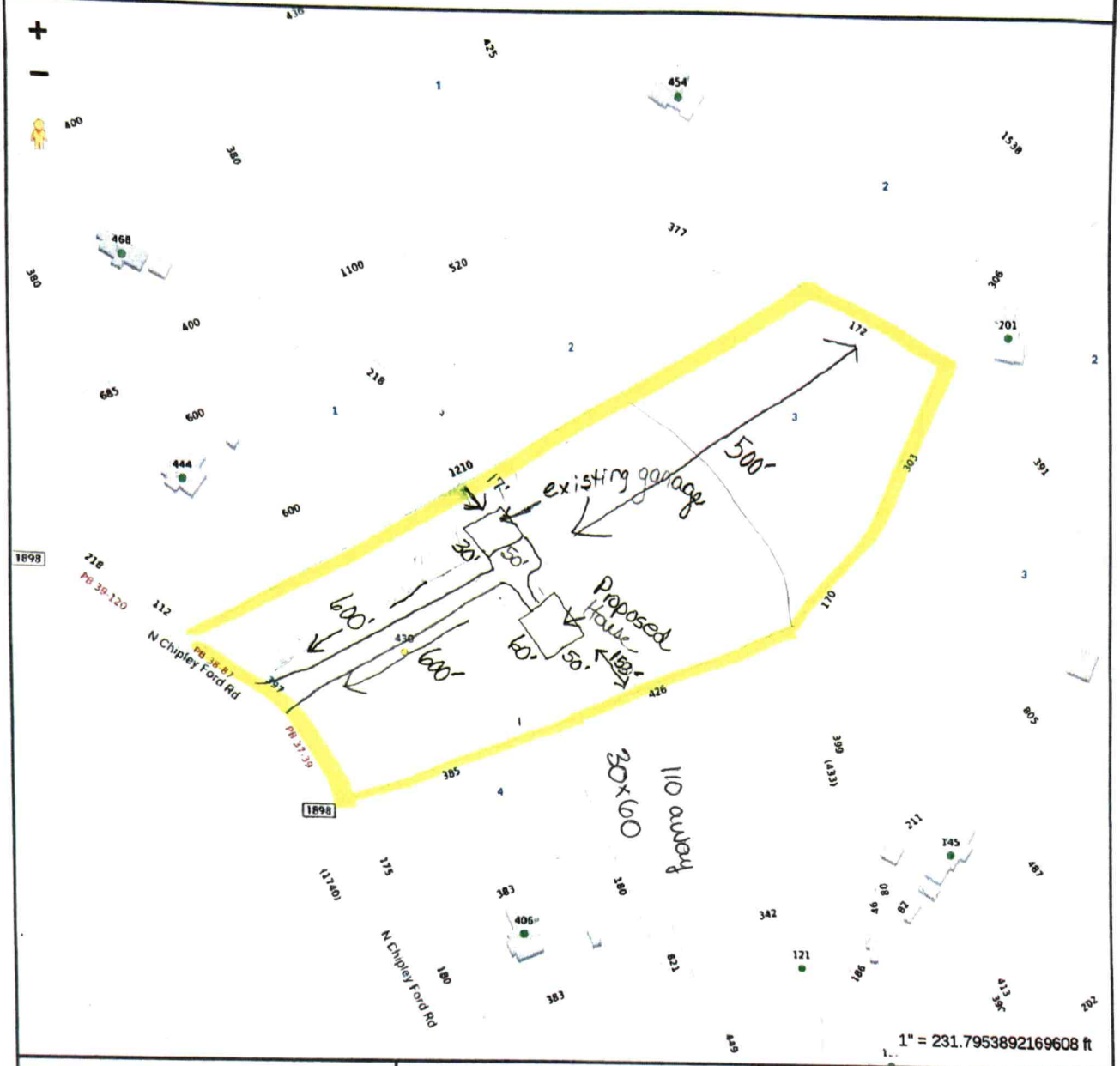
Show profile locations and other site features (dimensions, reference or benchmark, and North).




4739-29-0677
1100
400
4739-29-4853
4739-39-0895
2
218
4739-29-7511
600
1
4739-29-1289
444
1210
600
4739-29-8108
430
PB 38-87
397
426
PB 37-39
N Chipley Ford Rd
385
4739-28-9776
4
4739-28-5784
4739-18-1537
175
(1740)
383
180
4739-28-6547
406
4739-38-

Iredell County, North Carolina

May 30, 2023



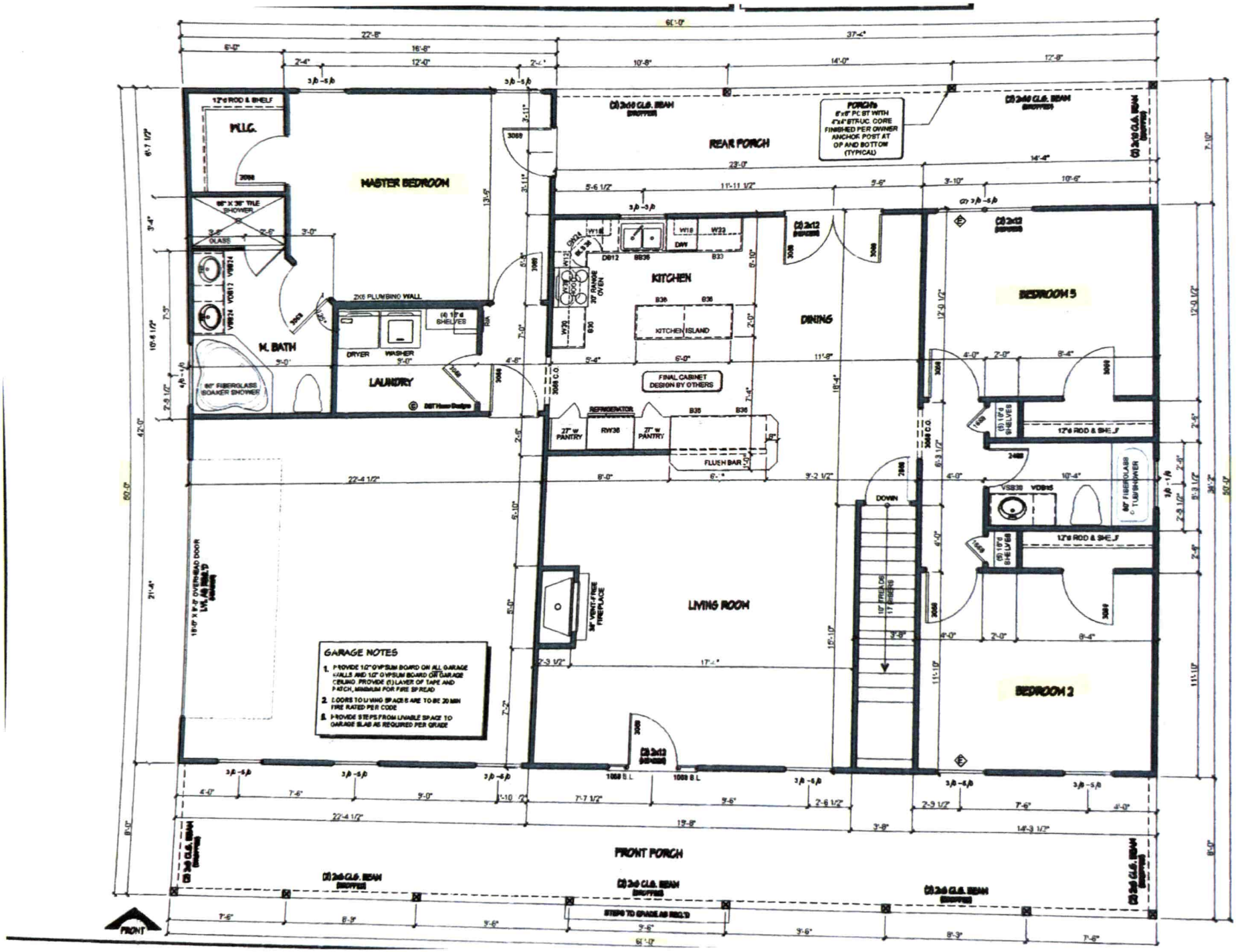
IREDELL

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 05/10/2023
Data updated 05/10/2023

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.


MASTER BEDROOM
M. BATH
W.I.C.
LAUNDRY
KITCHEN
DINING
REAR PORCH
FRONT PORCH
LIVING ROOM
BEDROOM 3
BEDROOM 2
KITCHEN ISLAND
FLUSH BAR
FINAL CABINET DESIGN BY OTHERS
GARAGE NOTES
1. PROVIDE 1/2" GYPSUM BOARD ON ALL GARAGE WALLS AND 1/2" GYPSUM BOARD ON GARAGE CEILING. PROVIDE (1) LAYER OF TAPE AND PATCH, MINIMUM FOR FIRE SPREAD
2. DOORS TO LIVING SPACES ARE TO BE 20 MIN FIRE RATED PER CODE
3. PROVIDE STEPS FROM LIVABLE SPACE TO GARAGE SLAB AS REQUIRED PER GRADE
PORCHs
6'x8' PC ST WITH 4"x4" STRUC. CORE FINISHED PER OWNER ANCHOR POST AT OP AND BOTTOM (TYPICAL)
STEPS TO GRADE AS REQ'D
FRONT