



J. S. Ground Engineering, LLC

April 21, 2021

Ms. Julie Smith
Community Development Director
City of Keller
P.O. Box 770,
Keller, TX 76244-0770

RE: SUP Proposal for an in-law suite to be located at 921 Bourland Road
Lot 3, Block 1, Village Mill, City of Keller, Tarrant County, Texas

Dear Ms. Smith:

Jeff and Angie Aldredge (Owners and presently residing at the subject property) have contracted with J. S. Ground Engineering, LLC (JSCE) as the site civil engineer to assist with their SUP application for a barn to be constructed on their lot by Providential Custom Homes. This letter with attachments serves as our written proposal to solicit approval of a Specific Use Permit.

Site Background:

This tract was annexed into the City of Keller on 1-20-1969 by Ordinance 61 and has a Final Plat recording date of 3-13-81. Lot 3, Block 1 of Village Mill is known as 921 Bourland Road Keller, TX 76248 (Exhibit 1 – Final Plat).

There is an existing two-story single-family residence of approximately 4,314 SF per TAD with an enclosed area footprint of 3,881 SF. There is one accessory building (106 SF). These are shown on Exhibit 2, Topographic & Tree Survey prepared by Barton Chapa Surveying dated 12-29-2020.

Under construction is an in-law suite behind the existing main house. This 1 story structure will have an enclosed area of 1,408 SF (SUP-21-084).

The current zoning is SF-36.

Proposed Project Requiring SUP:

The Aldredge's desire to construct a barn to be used primarily as a workshop space for the property owner and as storage for recreational vehicles. The barn would be offset to the north behind the existing main house and in-law suite. The proposed structure will have an enclosed area of 2,003 SF with an additional 700 SF of canopy cover for a total roof area of 2,733 SF requiring an SUP (Article Eight, Section 8.03, Paragraph C g 2 and Paragraph C g 4).

The proposed structure will be similar in exterior design to the existing primary residence with a white finish and black trim. The existing structures have a HardiePlank® Lap Siding exterior and the proposed barn will be articulated sheet metal. Exhibit 3, Similar Barn & Existing Main House is photos of a similar barn and the existing main house to show how the proposed barn will look and complement the main house. The barn will be colored to match. This may be compared with Exhibit 4, Elevations from the construction drawings plan set. The barn exterior is 100% metal siding.

Ms. Julie Smith
Community Development Director
April 21, 2021
Page 2 of 3

Exhibit 5, Floor Plan shows the layout for the barn with an open floor, overhead storage, two 16'x16' overhead doors and three 3'x7' personnel doors.

There will be a new gravel driveway added to extend the existing driveway from the residence and from the existing concrete drive approach off Bourland Road to access the proposed barn. Exhibit 6, Site Map shows the layout for the improvements in relation to other structures and the property lines. The improvements comply with Zoning Area Regulations (Minimum Lot Area 36,000 SF (115,702 SF); Minimum Lot Width 140' (208'); Minimum Lot Depth 200' (554'); Minimum Front Yard 60' for residential with thoroughfare access (108'); Minimum Side Yard 10% NTE 15' (20'); Minimum Rear Yard 15' (193'); and Maximum Lot Coverage 50% incl. all impervious surfaces (14% with proposed improvements).

There will be a single RV roll up garage door facing Bourland Road. The overhead door area is 256 SF and is setback 312' from the front property line. The property was platted prior to December 15, 1992 and is exempt from maximum garage door exposure (144 SF) facing a street.

The maximum average height of accessory buildings is fifteen feet (15'). The highest point (roof peak) of the proposed barn is 19.67' (19'-8"). The lowest point of the roof (top of eave trim/lowest point of roof deck) on the canopy is 9.11' (9'-1-3/8"). The average of these heights is 14.39' (15'-4-5/8").

The property is developed and has existing utilities. Drainage around the proposed barn will be surface drainage to follow existing drainage patterns on this portion of the lot. Earthwork will be minimized to transition to match existing grades with minimum overland slopes of 1.5% and maximum overland flows of 4:1.

The existing roadway is on the city's Thoroughfare Map as a proposed four-lane collector street. No new access points are required for this project. Access will be off the existing primary driveway for the main residence and an existing concrete drive approach north of the main residence fronting Bourland Rd.

The surrounding zoning and land uses are SF-36 to the north, south and east. Across Bourland Road (west of the property) there are single-family homes in Harmonson Farms which is zoned PD-SF-MD.

There are two (2) variances being requested with this SUP:

1. To allow the accessory building (barn) to exceed 1,200 square feet. Sec. 8.03, C.2.g.2
2. To allow all the accessory buildings combined to exceed 50% of the main house. Sec. 8.10, A.1

The Aldredge's have visited with the adjacent property owners on numerous occasions about the pending improvements (barn and in-law suite); most recently on January 27, 2021.

"Jeff called again this morning, January 27, 2021, and spoke with Paul Breaux (our neighbor at 905 Bourland Road) about our guest house and their response is "great and we knew this already and good luck with everything"
Angie and Jeff Aldredge

Ms. Julie Smith
Community Development Director
April 21, 2021
Page 3 of 3

In summary:

Is the use harmonious and compatible with surrounding existing and proposed uses? - YES

The area around the property, especially to the north, south and east contain many larger lot residences with larger or multiple accessory structures. For example, the property to the immediate south contains three (3) accessory structures, one of which is approximately 1,200 SF. The two (2) properties to the immediate east each have two (2) accessory structures.

Are the activities requested normally associated with the permitted uses in the base district? - YES

The SF-36 zoning is intended to promote and encourage a suitable environment for family life on large parcels of land used for agricultural purposes and single-family homes. This district is intended to encourage more open space, permeable surfaces, and greater setbacks with characteristics of semi-rural areas. Accessory structures are common in the SF-36 Zoning District. The proposed structure is keeping in character of the area.

Is the nature of the use reasonable and appropriate in the immediate area? - YES

The use is appropriate in the area. The homes immediately adjacent to the property to the north will be most impacted. However, heavy tree cover in their yards and the property will reduce visibility of the structure.

Have any negative impacts on the surrounding area been mitigated? – Negative impacts are not anticipated.

The structure will meet all lot coverage, building material and accessory use standards.

Respectfully,

J. S. Ground Engineering, LLC



Jeffrey S. Ground, PE, CFM, LEED AP

Attachments:

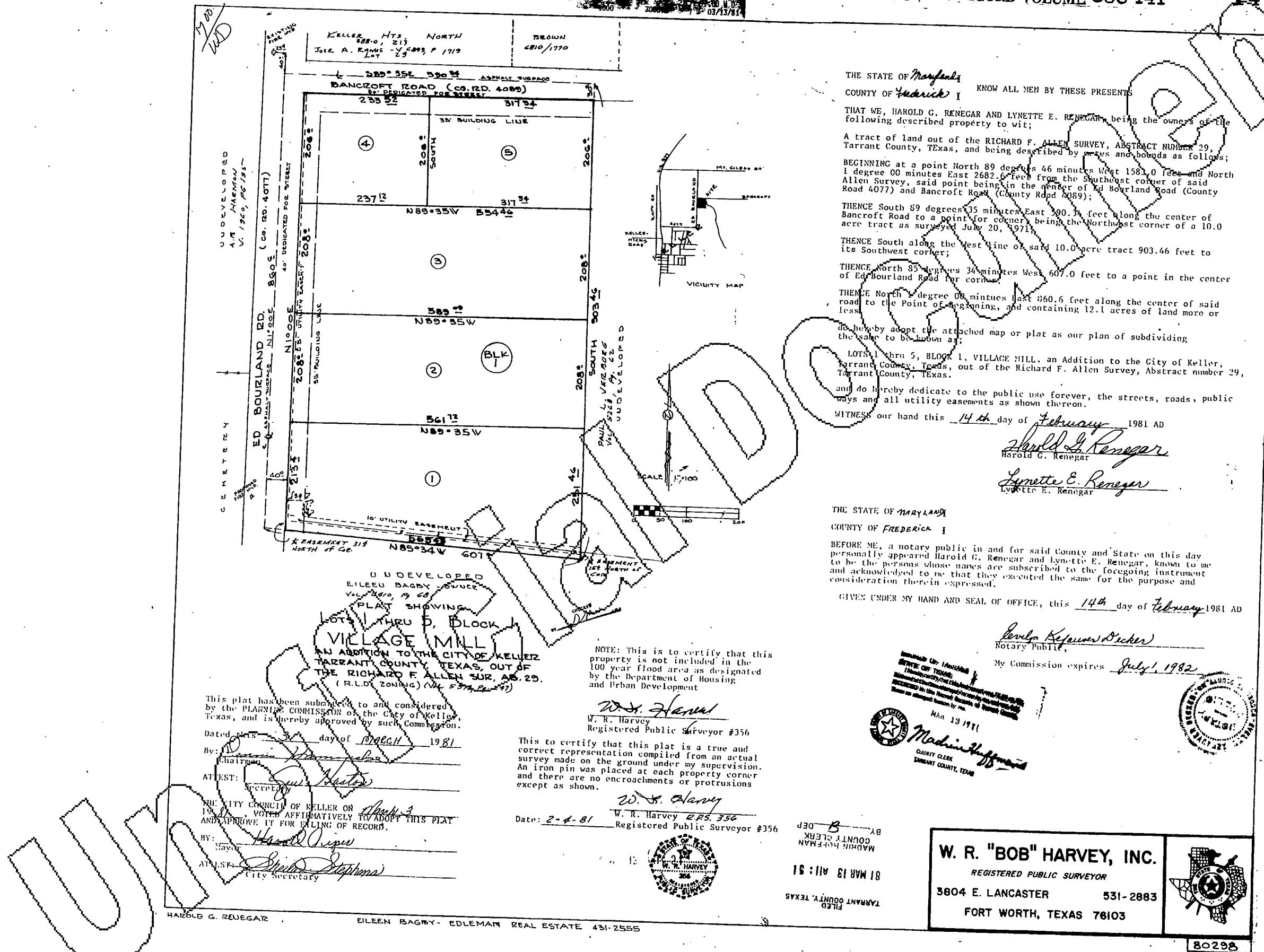
- Specific Use Permit Application (signed 1-26-21)
- Completeness Review Checklist (Applicant Jeff Ground)
- Exhibit 1 – Final Plat (11x17)
- Exhibit 2, Topographic & Tree Survey (24x36 color)
- Exhibit 3, Existing Main House (letter size color)
- Exhibit 4, Elevations A-4 (22x34)
- Exhibit 5, Floor Plan A-2 (22X34)
- Exhibit 6, Site Map (24X36)

cc: Isaac Wright, Providential Custom Homes

cc: Jeff & Angie Aldredge, Owners

PLAT RECORD VOLUME 388 141

4



14



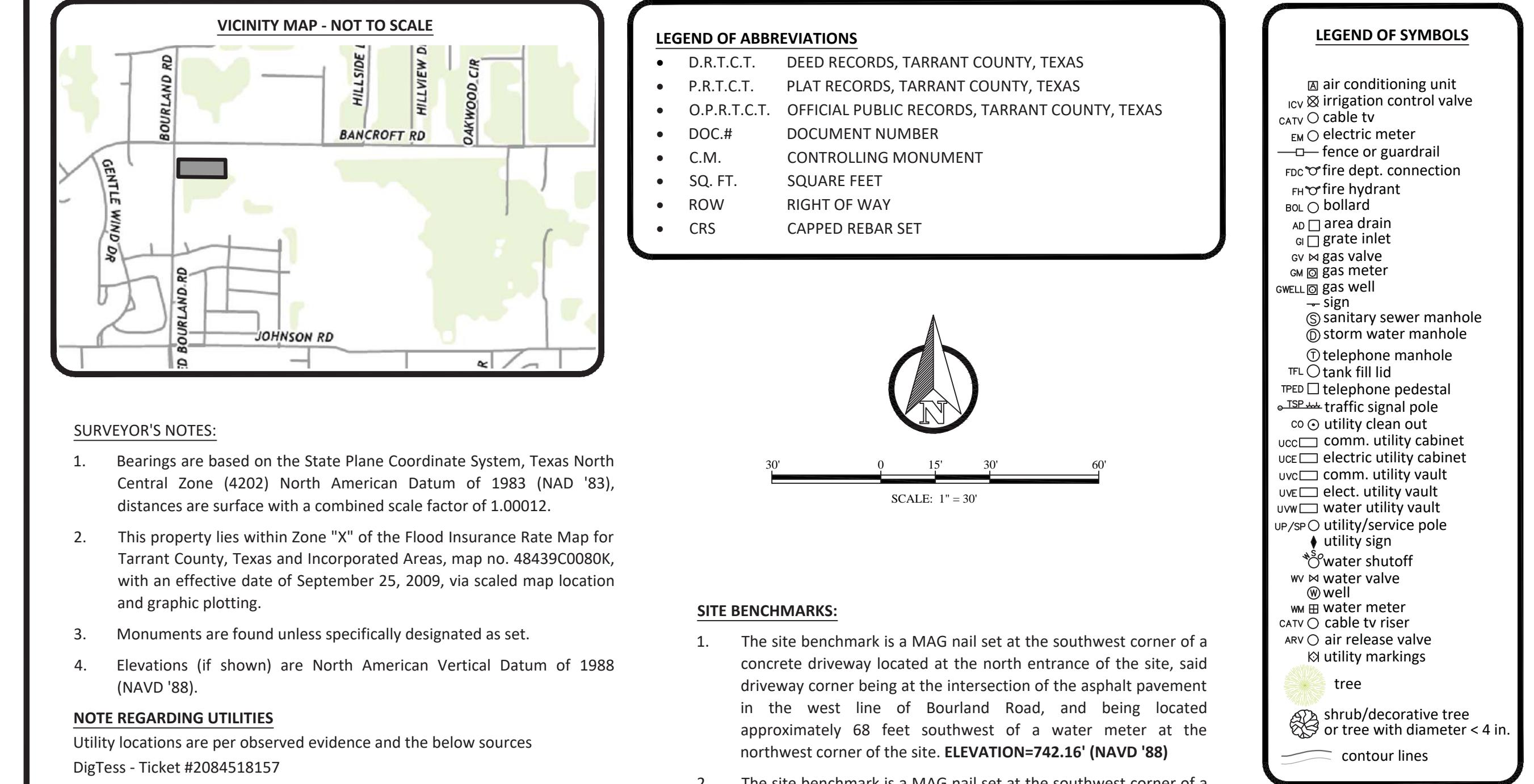
BARTON CHAPA SURVEYING
5200 State Highway 121
Colleyville, TX 76034
Phone: 817-864-1957
info@csfsw.com
TBPLS Firm #10194474

G
J. S. Ground Engineering, LLC
J.S. Ground Engineering, LLC
4108 Dundee Ct.
Colleyville, TX 76034

JOB NO.	2020.009.031
DRAWN:	BCS
CHECKED:	JHB
TABLE OF REVISIONS	
DATE	SUMMARY

921 BOURLAND ROAD
KELLER, TEXAS

V01
TOPOGRAPHIC & TREE SURVEY
TOPOGRAPHIC & TREE SURVEY



PROPERTY DESCRIPTION
Being Lot 3, Block 1 of Village Mill, an addition in the City of Keller, Tarrant County, Texas, according to the plat recorded in Volume 388-141, Page 14, Plat Records, Tarrant County, Texas.

TITLE COMMITMENT NOTES
This survey was prepared without the benefit of a commitment for title insurance. Therefore, easements, agreements, or other documents, either recorded, or unrecorded may exist that affect the subject property that are not shown on this survey.

SURVEYOR'S CERTIFICATE
This is to certify that I, John H. Barton III, a Registered Professional Land Surveyor of the State of Texas, have prepared this map from an actual survey on the ground, and that this map correctly represents that survey made by me or under my direction and supervision. Fieldwork was completed on December 29, 2020.

Date of Plat/Map: December 29, 2020

John H. Barton III, RPLS# 6737



STATE OF TEXAS
REGISTRATION
JOHN HOMER BARTON III
6737
PROFESSIONAL
SURVEYOR

TAG#	DIAMETER (INCHES)	GEN. SPECIES	TAG#	DIAMETER (INCHES)	GEN. SPECIES
1	22	OAK	119	9	OAK
2	22	OAK	120	11 (MULTI-TRUNK)	OAK
3	18	OAK	121	10	OAK
4	22	OAK	122	10 (MULTI-TRUNK)	OAK
5	14	CEDAR	123	12	OAK
6	8	CEDAR	124	8	OAK
7	8 (MULTI-TRUNK)	CHRISTMAS BERRY	125	9 (MULTI-TRUNK)	OAK
8	6	HACKBERRY	126	11	OAK
9	19	OAK	127	7	OAK
10	10	OAK	128	12	OAK
11	24 (MULTI-TRUNK)	OAK	129	10	OAK
12	13	OAK	130	6	OAK
13	15	OAK	131	7	OAK
14	11	OAK	132	6	OAK
15	6	OAK	133	5	OAK
16	15	OAK	134	5	OAK
17	14	OAK	135	8	OAK
18	12 (MULTI-TRUNK)	BOIS D'ARC	136	5	OAK
19	14	OAK	137	17	OAK
20	14	OAK	139	11	OAK
21	7	OAK	140	13	OAK
22	12	OAK	141	13	OAK
23	16	OAK	142	17	OAK
24	9	OAK	143	9	OAK
25	7	CEDAR	144	13	OAK
26	7	OAK	145	5	OAK
27	8	OAK	146	8	OAK
28	12	OAK	147	12	OAK
29	10	OAK	148	10	OAK
30	16	OAK	149	7	OAK
31	11	OAK	150	16	OAK
32	6 (MULTI-TRUNK)	OAK	151	10	OAK
33	5	OAK	152	11	OAK
35	7	OAK	153	12	OAK
35	7	OAK	154	10	OAK
36	6	OAK	156	10	OAK
37	8	OAK	157	12 (MULTI-TRUNK)	OAK
38	8	OAK	161	10	OAK
39	7	OAK	163	3	HACKBERRY
40	6	OAK	167	11	OAK
41	10	OAK	168	7	OAK
42	6	OAK	169	7	OAK
43	5	CEDAR	170	13	OAK
44	10	OAK	172	5	HACKBERRY
45	7	OAK	173	9	OAK
46	7	OAK	174	11	OAK
47	10	OAK	175	7 (MULTI-TRUNK)	OAK
48	7	OAK	176	14 (MULTI-TRUNK)	OAK
49	6	OAK	177	13	OAK
50	12	OAK	178	11	OAK
52	8	OAK	179	9	OAK
53	6	OAK	180	9	OAK
54	8	OAK	181	8	OAK
55	10	OAK	182	5	OAK
56	12 (MULTI-TRUNK)	OAK	183	13	OAK
57	7	OAK	184	11	OAK
57	10	OAK	185	6 (MULTI-TRUNK)	OAK
58	5	OAK	186	9	OAK
59	7	OAK	187	5	BOIS D'ARC
60	8	OAK	188	11	OAK
61	5	OAK	189	4	HACKBERRY
62	9	OAK	190	11	OAK
63	4	OAK	191	4	BOIS D'ARC
64	4	OAK	192	8	OAK
65	6	OAK	193	5	HACKBERRY
66	8	OAK	194	3	HACKBERRY
67	11	OAK	195	3	HACKBERRY
68	7	OAK	196	3	HACKBERRY
69	6	OAK	197	7	OAK
70	10	OAK	198	15	OAK
71	12 (MULTI-TRUNK)	OAK	199	8 (MULTI-TRUNK)	OAK
72	7	OAK	200	5	OAK
73	7	OAK	204	11	OAK
74	7	OAK	205	6	OAK
75	8	OAK	206	6	OAK
76	10 (MULTI-TRUNK)	OAK	207	8	OAK
76	10 (MULTI-TRUNK)	OAK	208	4	OAK
77	9	OAK	209	8	OAK
78	6	CEDAR	210	6	OAK
79	6	OAK	210	9	OAK
80	3	OAK	2163	4	HACKBERRY
81	9	OAK	2164	3	HACKBERRY
82	6	OAK	2165	3	HACKBERRY
83	6	OAK	2166	7	OAK
84	8	OAK	2167	3	OAK
85	8 (MULTI-TRUNK)	OAK	2168	4	BOIS D'ARC
86	9	OAK	2169	3	HACKBERRY
87	12	OAK	2170	17	OAK
88	12	OAK	2171	12	OAK
89	9	OAK	2172	9	OAK
90	10	OAK	2173	17	OAK
91	13 (MULTI-TRUNK)	OAK	2174	8 (MULTI-TRUNK)	CEDAR
92	8	OAK	2175	9	OAK
93	7	OAK	2176	14	OAK
94	11 (MULTI-TRUNK)	OAK	2177	5	OAK
95	8	OAK	2178	6	OAK
96	6	OAK	2179	14	OAK
97	14	OAK	2180	6	OAK
98	9	OAK	2181	8	OAK
99	13 (MULTI-TRUNK)	CEDAR	2182	6	OAK
100	11	OAK	2183	7	OAK
101	8	OAK	2184	10	OAK
102	11	HACKBERRY	2185	11	OAK
103	11	OAK	2186	12	OAK
104	10	OAK	2187	12	OAK
105	8	OAK	2188	14	OAK
106	10	OAK	2189	16	OAK
107	11	OAK	2190	12	OAK
108	5	HACKBERRY	2191	7	HACKBERRY
109	13 (MULTI-TRUNK)	OAK	2192	6	OAK
110	3	HACKBERRY	2197	8	OAK
111	7 (MULTI-TRUNK)	ELM	2198	4	HACKBERRY
112	9	OAK	2199	3	OAK
113	6 (MULTI-TRUNK)	HACKBERRY	2000	7 (MULTI-TRUNK)	BOIS D'ARC
114	8	OAK	2049	10	OAK
115	10	OAK	2049	8	OAK
116	7	OAK	2049	3	OAK
117	7	OAK	2049	15 (MULTI-TRUNK)	OAK
118	6	OAK	2049	6	OAK

Exhibit 3
Color Representation of Barn & Existing Main House

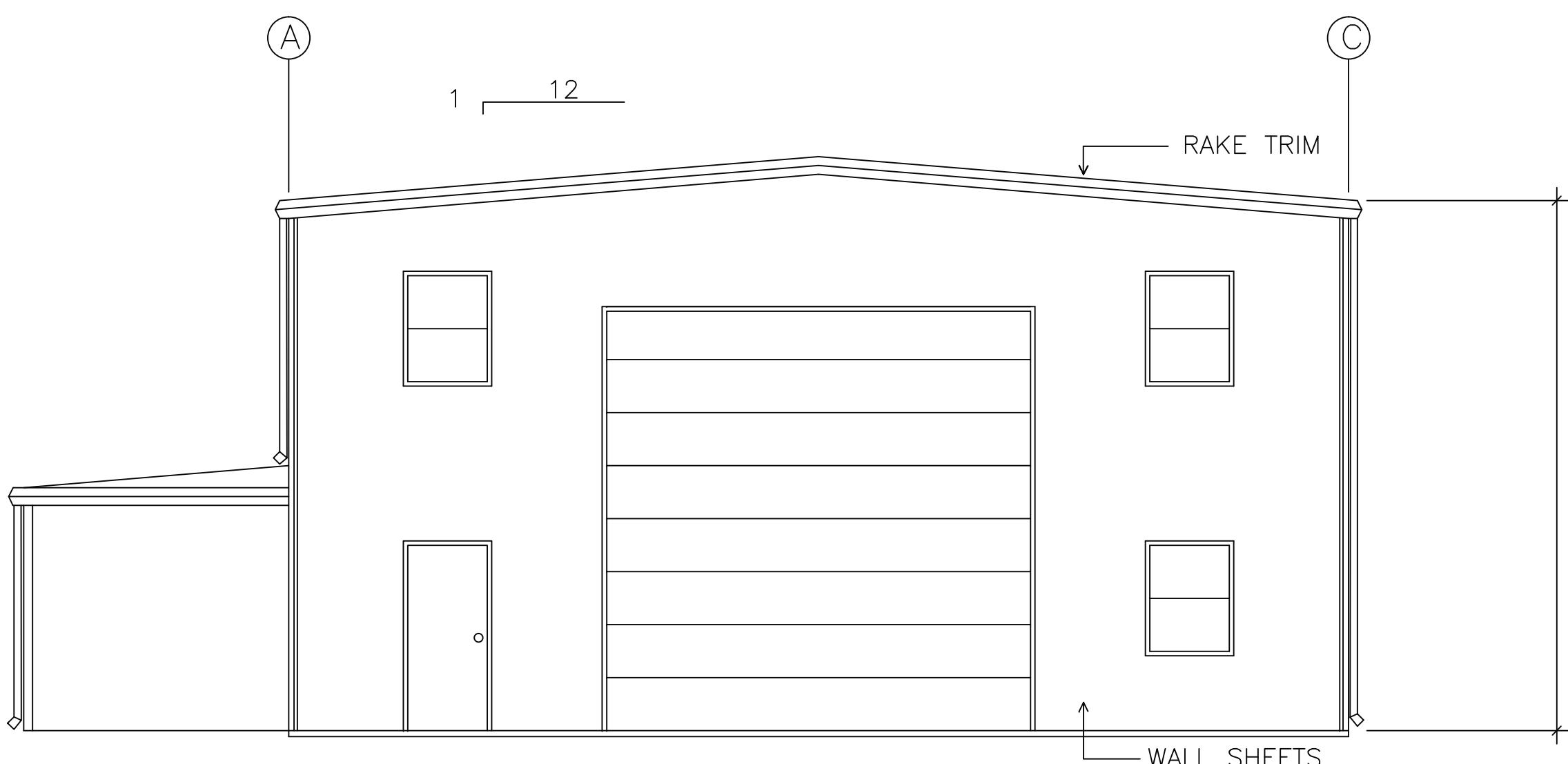
SUP Application for 921 Bourland Road
March 30, 2021
Color and example finish



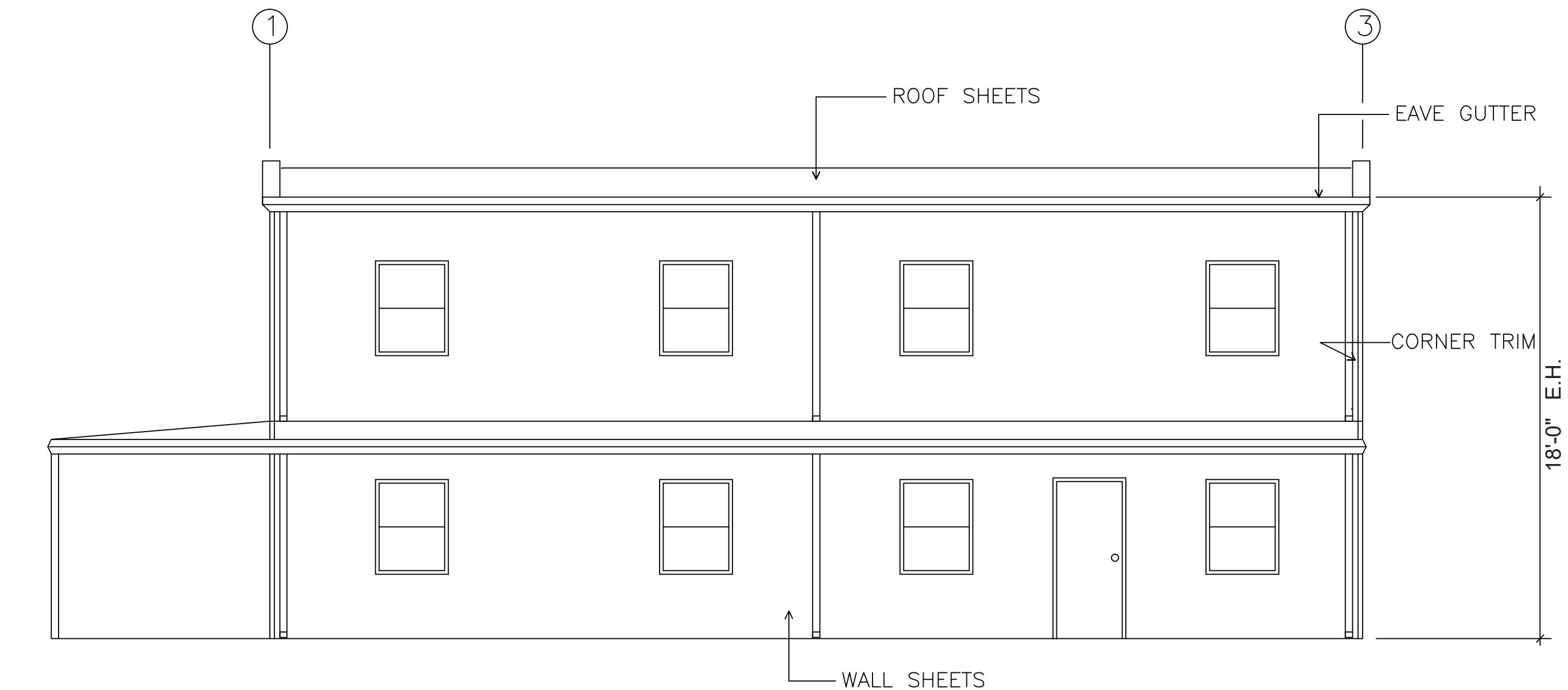
Example of a similar barn. Colors represent finished color. See architectural elevation drawings for the proposed specific barn with one overhead door facing the front.



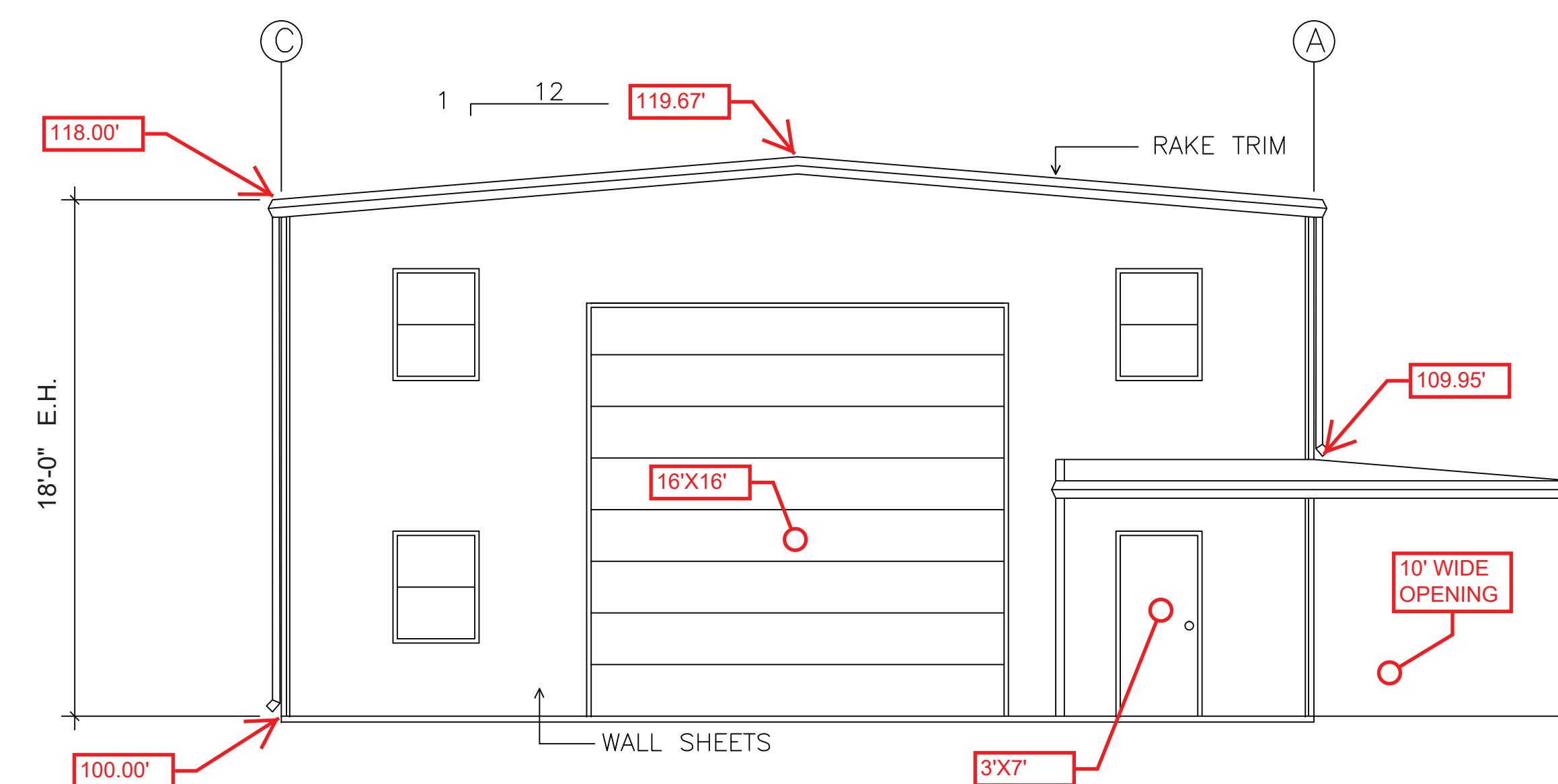
Existing Main House. Proposed shop will compliment color and style of existing main house



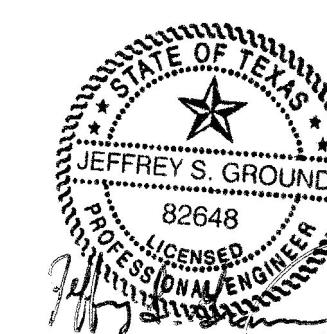
BACK ENDWALL ELEVATION
EAST ELEVATION



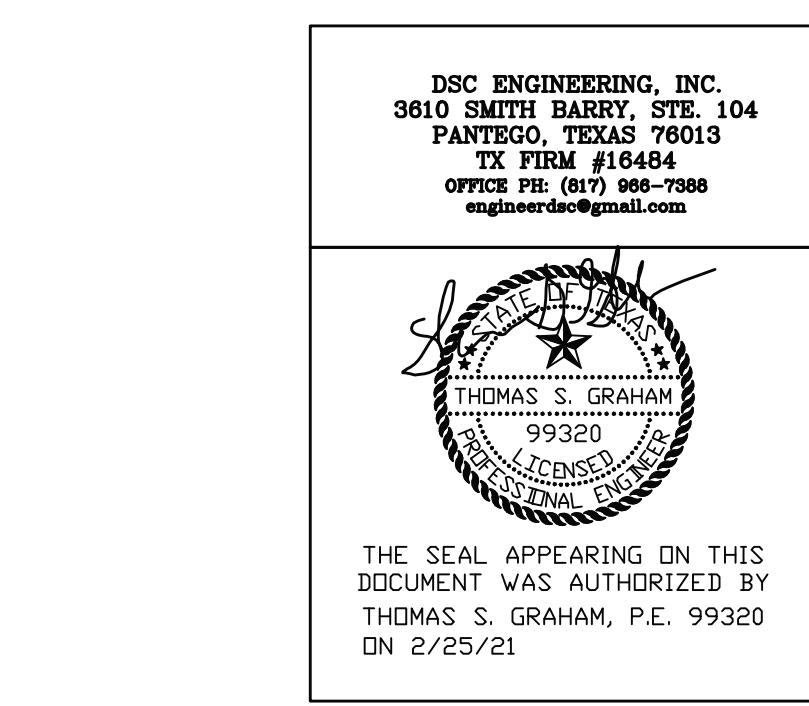
NEAR SIDEWALL ELEVATION
SOUTH ELEVATION



FRONT ENDWALL ELEVATION
WEST ELEVATION (FACING BOURLAND ROAD)



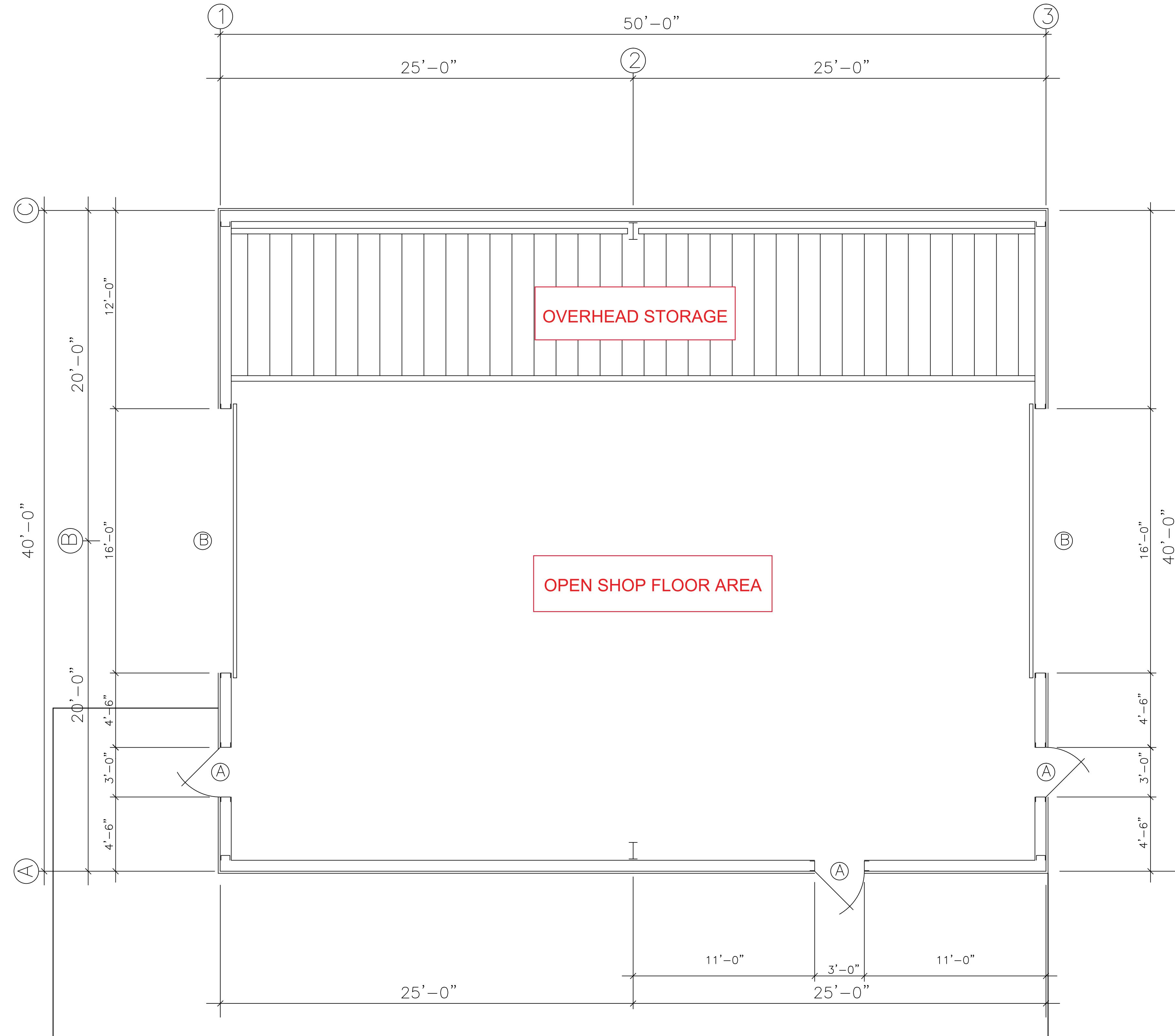
4-21-21
THE SEAL OF JEFFREY S.
GROUND APPLIES TO THE
NOTES IN RED AND THE
BUILDING HEIGHT (18'-0").



THE SEAL APPEARING ON THIS
DOCUMENT WAS AUTHORIZED BY
THOMAS S. GRAHAM, P.E. 99320
ON 2/25/21.

FAR SIDEWALL ELEVATION
NORTH ELEVATION

SIZE 40'x50'x20' EAVE HEIGHT 1:12 ROOF SLOPE	
PROJECT ALDREDGE	
CAD BY: WILSON	DATE ISSUED
RAPCAD NO. 4	DWG. NO. 004-21-3
SCALE	REVISED
CHK'D BY	JOB NO. 004-21



North

FLOOR PLAN

MARK	NO.	REQD.	SIZE	DESCRIPTION
A	3		3' X 7'	WALK DOOR
B	2		16' X 16'	OVERHEAD DOOR

 PVP BUILDING SYSTEMS INC 2166 E HWY 380 DECATUR TX 76234 940-627-1164		SIZE 40'x50'x20' EAVE HEIGHT 1:12 ROOF SLOPE		
		PROJECT ALDREDGE		
CAD BY:	WILSON	DATE ISSUED		
RAPCAD NO.	4	DWG. NO.	004-21-2	REVISED
SCALE	CHK'D BY		JOB NO. 004-21	

