

File #

3-C-24-VA



BOARD OF ZONING APPEALS APPLICATION

*******OFFICE USE ONLY*******

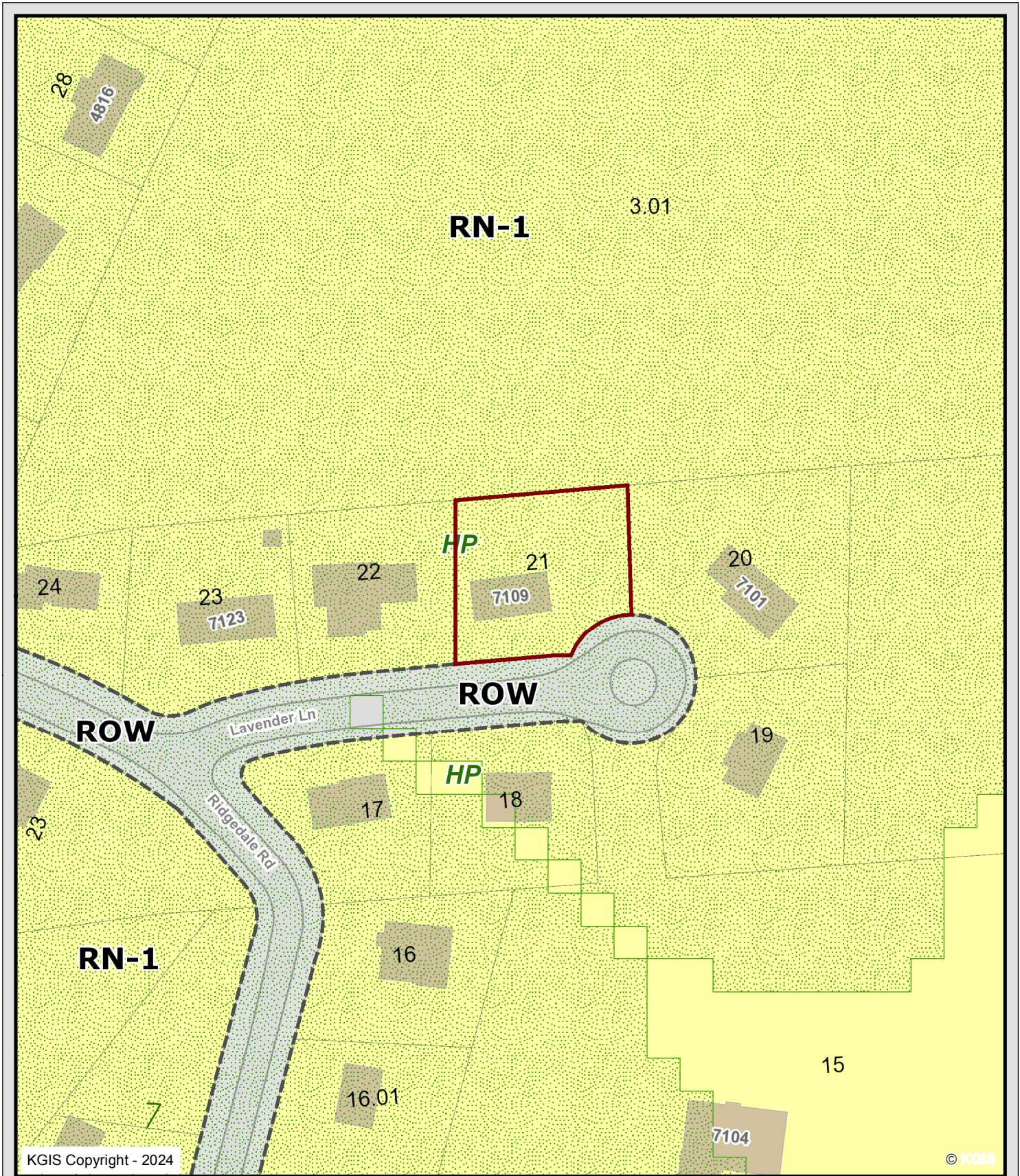
Is a plat required? Yes No

VARIANCE REQUEST(S) WITH ORDINANCE CITATION(S):

(This area is currently blank for the variance request details.)

PROJECT INFORMATION

Date Filed	Fee Amount
Council District	BZA Meeting Date
PLANS REVIEWER	DATE



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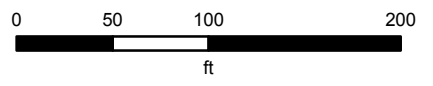
7109 LAVENDER LN

3-C-24-VA
JEFFERY HENSLEY

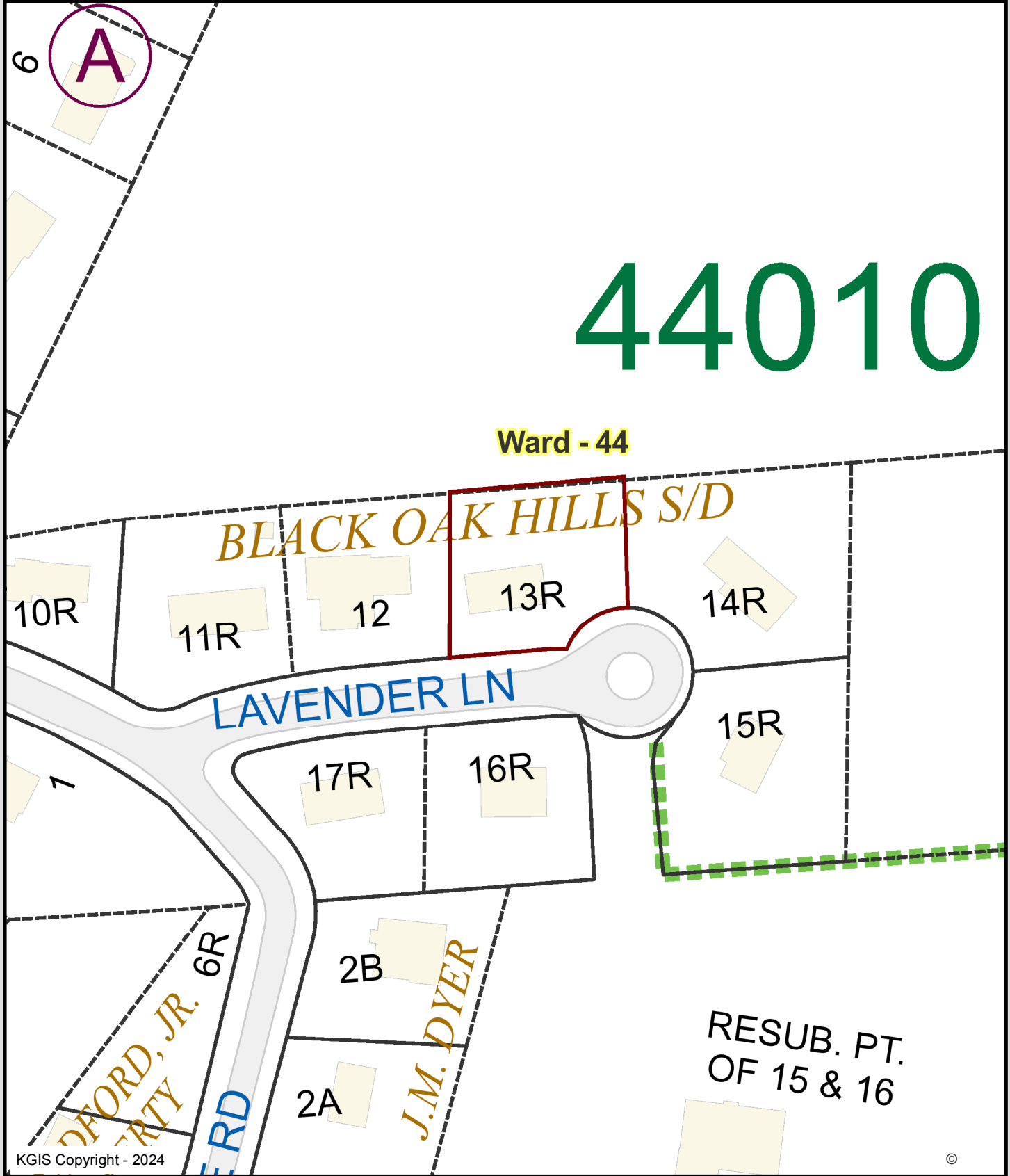
Knoxville - Knox County - KUB Geographic Information System



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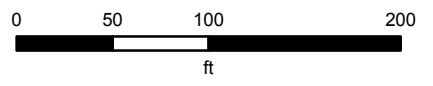
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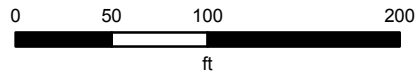
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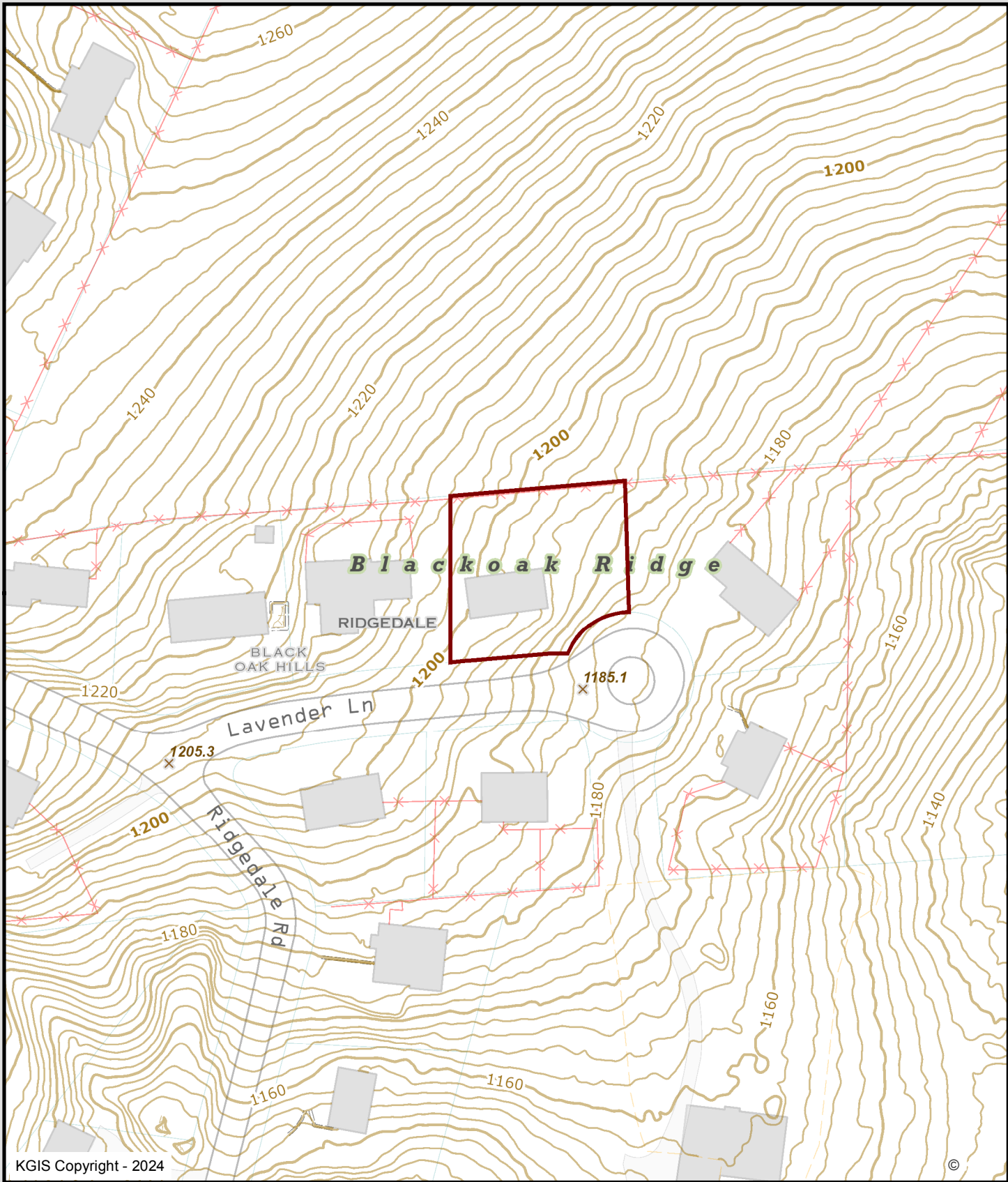
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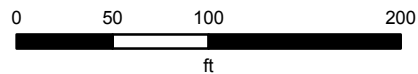
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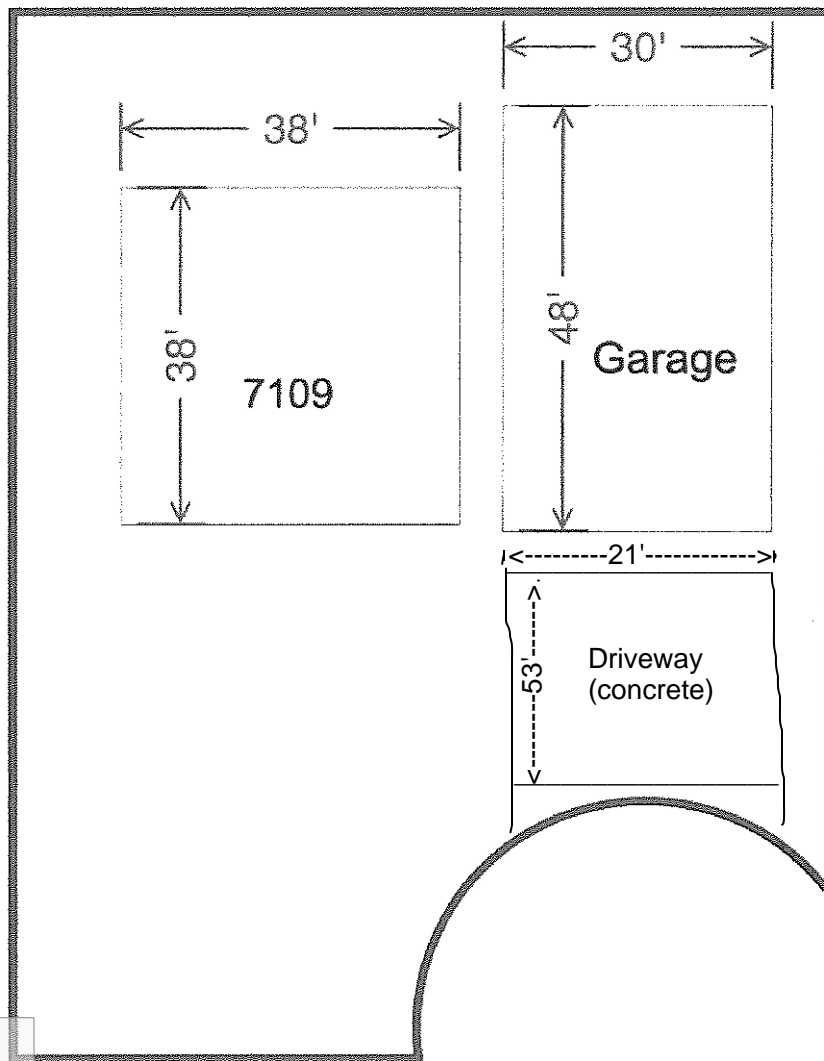


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Garage (Pole Barn) Addition
30' x 48' x 14' w/ concrete slab 4"



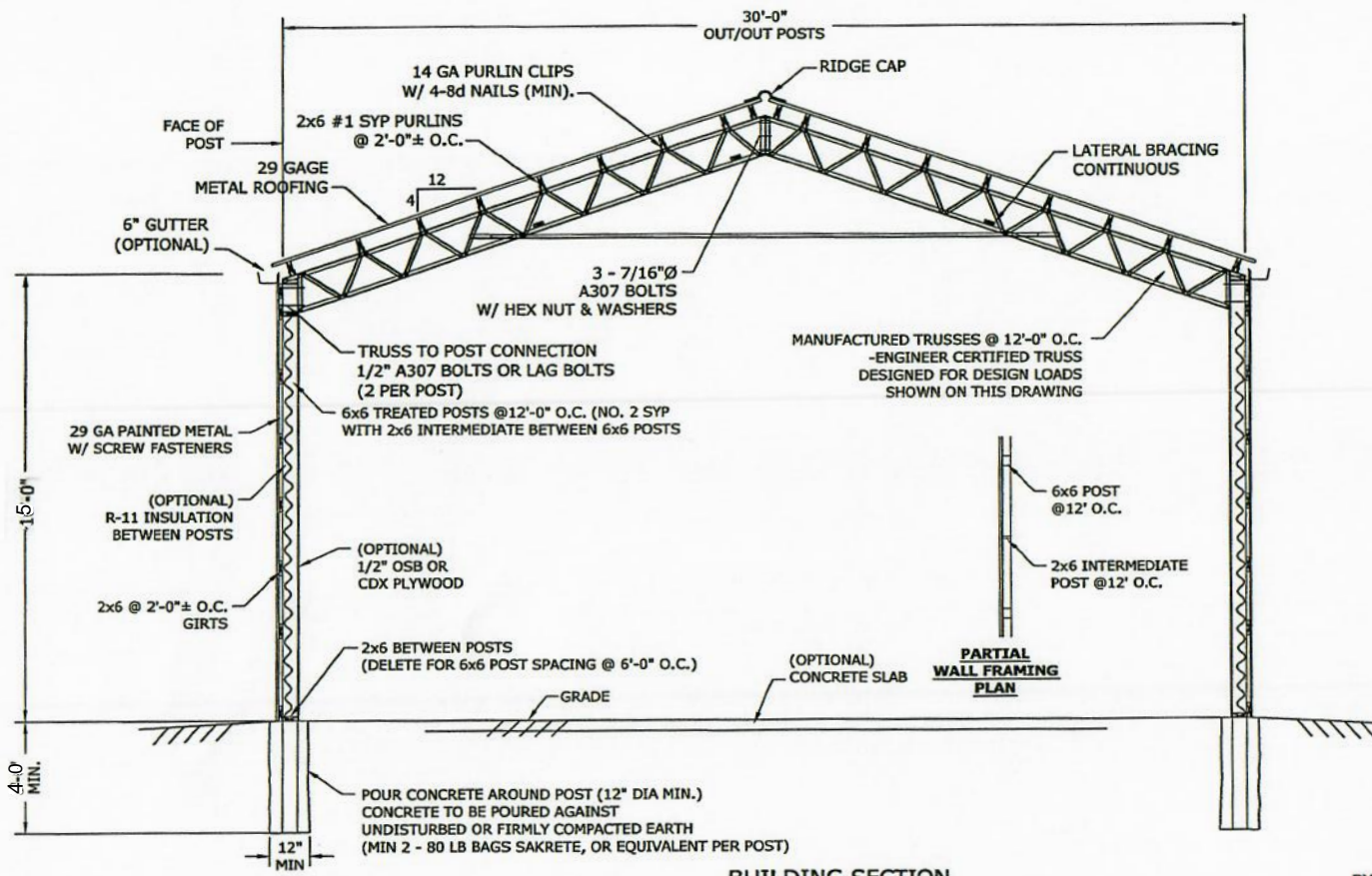
CITY OF KNOXVILLE
DEPARTMENT OF ENGINEERING

APPROVED

Linda Pierucci
2/9/2024

Adequate erosion and sediment controls must be used and maintained by the contractor during construction until final site stabilization has been achieved. Additional measures may be required by the Field Inspector. Refer to the City of Knoxville BMP Manual and the Tennessee Erosion and Sediment Control Handbooks as needed for additional information regarding controls and maintenance.





THIS DRAWING WAS PRODUCED BY JOHN D. HYDE AND MAY NOT BE MODIFIED IN ANY WAY NOR SHALL THIS DRAWING BE USED BY ANYONE OTHER THAN SUMMERTOWN METALS LLC OR ITS ASSIGNS WITHOUT THE EXPRESS WRITTEN PERMISSION OF JOHN D. HYDE WHOSE PROFESSIONAL ENGINEER'S STAMP APPEARS ON THIS DRAWING.

MATERIAL SPECS.
 TRUSS - SEE SPEC SHEET
 CONCRETE - 3000 PSI MINIMUM
 REBAR - GRADE 60 MINIMUM
 STRUCTURAL STEEL - ASTM A36 MINIMUM
 WOOD - PURLINS - #2 SYP MINIMUM
 BRACING - #2 SYP MINIMUM
 POSTS - #2 SYP TREATED
 OTHER - #2 SYP MINIMUM (UNLESS NOTED)
 FASTENERS - IF AQC TREATED LUMBER IS USED, FASTENERS MUST BE APPROVED FOR AQC USE

DESIGN LOADS APPLIED PER INTERNATIONAL BUILDING CODE (IBC) 2009

LIVE LOAD 20 PSF
 DEAD LOAD TOP CHORD 6 PSF
 TOTAL DESIGN LOAD 26 PSF

WIND LOADS
 90 MPH --- PER IBC 2009
 105 MPH --- PER IBC 2012

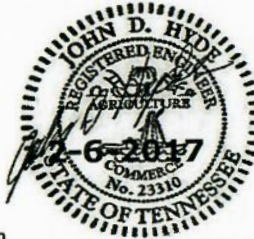
GROUND SNOW LOAD --- 15 PSF

BUILDING SECTION

- NOTES:**
1. CONSTRUCTION BRACING BY CONTRACTOR AND SHALL MEET TRUSS MANUFACTURERS RECOMMENDATIONS AND/OR REQUIREMENTS.
 2. CONSTRUCTION BRACING (BOTH LATERAL & LONGITUDINAL) MUST REMAIN IN PLACE UNTIL ALL STRUCTURAL ITEMS SHOWN ON THIS DRAWING AND PERMANENT BRACING ARE COMPLETED.
 3. DESIGN IS BASED ON COMPLETED BUILDING WITH ALL STRUCTURAL ELEMENTS IN PLACE.
 4. FABRICATION AND WELDING PER AISC AND AWS.
 5. STEEL TO BE ASTM A36 MINIMUM.
 6. CONCRETE TO BE 3000 PSI MINIMUM COMPRESSIVE STRENGTH.
 7. ASSUMED SOIL BEARING = 2000 PSF MINIMUM.

THIS DRAWING MAY ALSO BE USED FOR 10' TRUSS AND POST SPACING. ENGINEER CERTIFIED TRUSS MUST BE DESIGNED FOR DESIGN LOADS SHOWN ON THIS DRAWING.

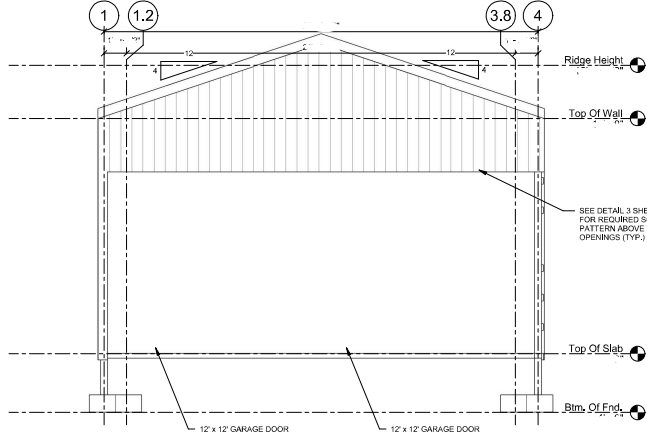
BY: JOHN D. HYDE, PE
 TN REG NO 23310
 177 ARLINGTON ROAD
 ARAB, AL 35016
 PH 256-572-0195
 jdhyde@mindspring.com



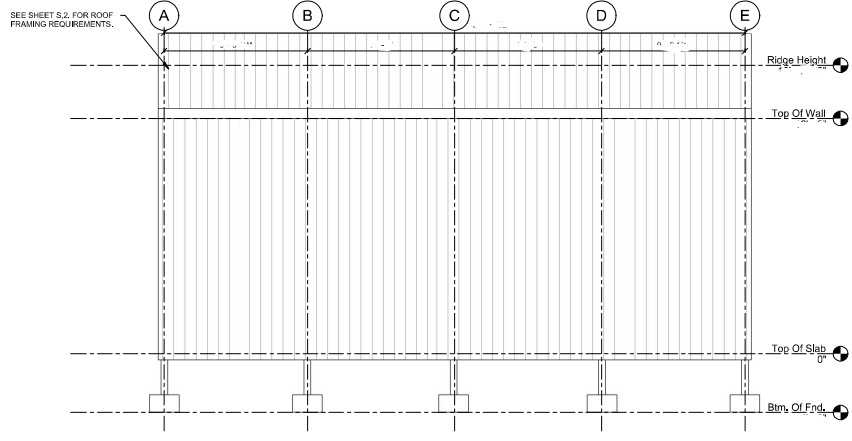
SUMMERTOWN METALS LLC

30' X 48' STEEL TRUSS BUILDING

SCALE AS NOTED	DATE 2-6-2017	DRAWN BY J. HYDE	DRAWING NO. 17-0206-1
BUILDING SECTION			SHEET NO. 1 OF 1



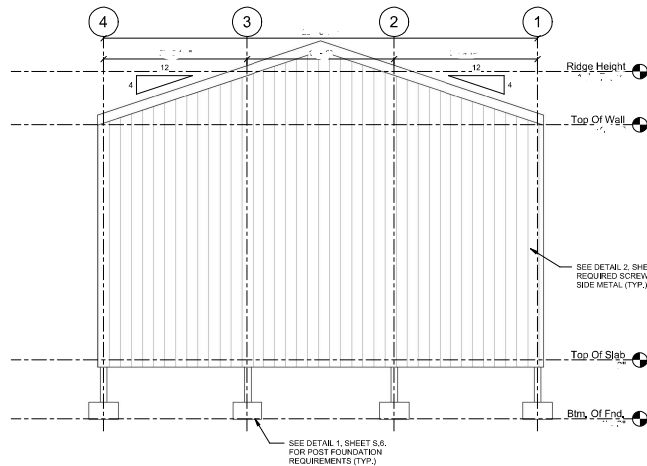
1 Endwall Ext. Elevation



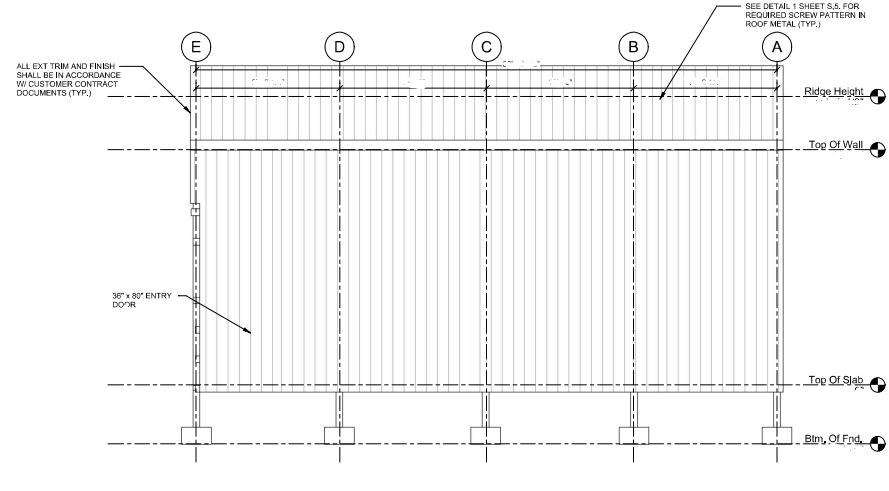
2 Sidewall Ext. Elevation

NOTES:

1. ALL SURFACES SHALL BE CLAD W/ 29 GA. CORRUGATED METAL SIDING W/ MIN. THICKNESS OF .0142" & MAX. RIB SPACING OF 9". (TYP. U.N.O.)
2. ALL METAL PANELS SHALL BE INSTALLED IN ACCORDANCE W/ DETAILS 1, 2, & 3 ON SHEET S.5.
3. REFER TO STRUCTURAL FRAMING ELEVATIONS ON SHEET S.4 FOR ALL FRAMING REQUIREMENTS.
4. REFER TO STRUCTURAL DETAILS ON SHEET S.5 & S.8 FOR FOUNDATION REQUIREMENTS.
5. ALL FASCIA, SOFFITS & EXTENSION TRIM SHALL BE INSTALLED ACCORDING TO CUSTOMER CONTRACT DOCUMENTS.
6. WHEN USING METAL BUILDING APPURTENANCES TO ATTACH SOFFIT TO WALL, CONTRACTOR SHALL ENSURE THAT METAL WALL PANELS RECEIVE THE REQUIRED SCREW PATTERN AS DESIGNATED WITHIN THIS PLAN SET.



3 Endwall 2 Ext. Elevation



4 Sidewall 2 Ext. Elevation

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Current Revision

Number	Date	Revised By	Description

Project Name: **Exterior Elevations**
 Project No: 164737
 Project Status: **FOR CONSTRUCTION**

Prepared For:
 Project Address:
 Date Issued: 02/08/2024

SUMMERTOWN METALS
 3864 Summertown Hwy.
 Summertown, TN 38463
 Phone: (931) 796-1521
 www.summertownmetals.com

Date Issued: 02/08/2024
 Scale:
 Drawn By: KBM
 Checked By:
 Sheet: S.3



Average height of A+B to midpoint

$$A = 15'$$
$$B = 32' \div 2 = 16'$$



A

B

A=14
B=22
14+22=36
36/2=18