

<b>Department of Inspections Licenses and Permits</b>  3430 Court House Drive Ellicott City, MD 21043  Permits (410) 313-2455 Opt. #4 Inspections (410) 313-1840	<b>HOWARD COUNTY RESIDENTIAL HEATING-VENTILATION-AIR CONDITIONING AND REFRIGERATION PERMIT APPLICATION</b>	HVACR PERMIT # <u>M24000763</u>  BUILDING PERMIT # <u>B24001439</u>
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SITE BUILDING ADDRESS: <u>16063 AEMollinix Rd</u> <u>Woodbine, MD 21797</u> SUITE/APT: SUBDIVISION: <u>McCuan Farms</u> TYPE OF IMPROVEMENTS:  USE:	OWNERS NAME: <u>ARD Equine Solutions LLC</u> ADDRESS: <u>8525 Cracked Tree Lane</u> CITY: <u>Laurel</u> STATE: <u>MD</u> ZIP CODE: <u>20724</u> HOME PHONE: CELL PHONE: <u>304-279-3972</u>
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<u>CHECK ONE</u>	<u>HOW MANY</u>	
SINGLE FAMILY DWELLING <input checked="" type="checkbox"/>	<u>1</u> ZONES	COMPANY NAME: <u>S.C. Croston Htg &amp; A/C</u>
SINGLE FAMILY TOWNHOUSE <input type="checkbox"/>	___ ZONES	LICENSEE NAME: <u>Steven C. Croston</u>
MULTI-FAMILY / HOTEL/MOTEL <input type="checkbox"/>	___ ROOMS	ADDRESS: <u>16555 Blooms Lane</u>
ASSISTED LIVING HOMES (16 OR FEWER RESIDENTS) <input type="checkbox"/>	___ ROOMS	CITY: <u>Mt. Airy</u> STATE: <u>MD</u> ZIP CODE: <u>21771</u> PHONE: <u>410-442-5598</u> HVACR LICENSE NO: <u>5223</u>

<u>New Construction</u> <input type="checkbox"/> Heating and Air Conditioning <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Heating  <u>Replacement</u> <input type="checkbox"/> Heating <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Heating and Air Conditioning	<u>Additions and Alterations</u> <input type="checkbox"/> Heating <input type="checkbox"/> Air Conditioning <input checked="" type="checkbox"/> Heating and Air Conditioning	<input checked="" type="checkbox"/> Geo Thermal System <input type="checkbox"/> Gas Conversion (Make and Model of Equipment) <input type="checkbox"/> Ductless Mini Splits <input type="checkbox"/> Thru The Wall Systems <input type="checkbox"/> Other Work (Describe):  <div style="text-align: right;"> <b>RECEIVED</b>   <b>JUL 15 2024</b>           LICENSES &amp; PERMITS          DIVISION       </div>
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\*\*\*Make and Model of Equipment is required\*\*\*  
 \*\*\*\*Replacement Geo Thermal Systems are not required; However, if a tax credit is being sought a permit is required\*\*\*\*

<u>Zones</u>	<u>Rooms</u>
Permit Fee = # of Zones x \$40 = <u>40.00</u> Technology Fee (10% of Permit Fee) = <u>4.00</u> Plus Application Fee <u>\$50.00</u> Total Fees Due = <u>94.00</u>	Permit Fee = # of Rooms x \$80 = _____ Technology Fee (10% of Permit Fee) = _____ Plus Application Fee \$50 <u>\$50.00</u> Total Fees Due = _____

I HAVE CAREFULLY EXAMINED AND READ THIS APPLICATION AND KNOW IT IS TRUE AND CORRECT. THE WORK DESCRIBED HEREIN WILL BE PERFORMED BY A STATE HVAC LICENSED PERSON(S), AND ALL WORK WILL BE PERFORMED IN COMPLIANCE WITH APPLICABLE CODES AND STANDARDS OF HOWARD COUNTY THE STATE OF MARYLAND.

Steven C. Croston 7/15/2024  
 SIGNATURE OF LICENSEE DATE  
Steven C. Croston  
 PRINT NAME OF LICENSEE  
scrostenhvac@gmail.com  
 Email Address

<b>Validation</b>	
Check Number: <u>11767</u>	Money Order#: _____
Invoice Number: <u>804461</u>	

Make check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY  
 T:\Updated Forms\HVAC application Rev:09.2019  

Kim [Signature] 7/22/2024  
 Signature Date  
 approved vertical bond

24000763

MANUAL J: 7th Ed.

RIGHT-J: V1.73

S/N 3403

RIGHT-J SHORT FORM

Job #:

For: ARD Equine Solutions LLC  
16063 A E Mullinix RD  
Woodbine

MD 21797

Outside db	Htg	17	Clg	91
Inside db		87		71
Design TD		70		20
Daily Range		-		M
Inside Humid.		-		50
Grains Water		-		36

By: S.C.Croston Heating & Air Conditioning  
16555 Blooms Lane  
MT. Airy  
410-442-5598

MD 21771

Const. Quality	a
# of Fireplaces	0

HEATING EQUIPMENT

COOLING EQUIPMENT

Make Climate Master  
Model CTEV04986D00CLTS  
Type Geothermal Heatpump  
Efficiency / HSPF 0.0  
Heating Input 15Kw 0 Btuh  
Heating Output 0 Btuh  
Heating Temp Rise 0 Deg F  
Actual Heating Fan 1822 CFM  
Htg Air Flow Factor 0.025 CFM/Btuh

Make Climate Master  
Model CTEV04986D00CLTS  
Type  
COP/EER/SEER 25.3 0.0  
Sensible Cooling 0 Btuh  
Latent Cooling 0 Btuh  
Total Cooling 0 Btuh  
Actual Cooling Fan 1822 CFM  
Clg Air Flow Factor 0.048 CFM/Btuh

Space Thermostat

Load Sensible Heat Ratio 84

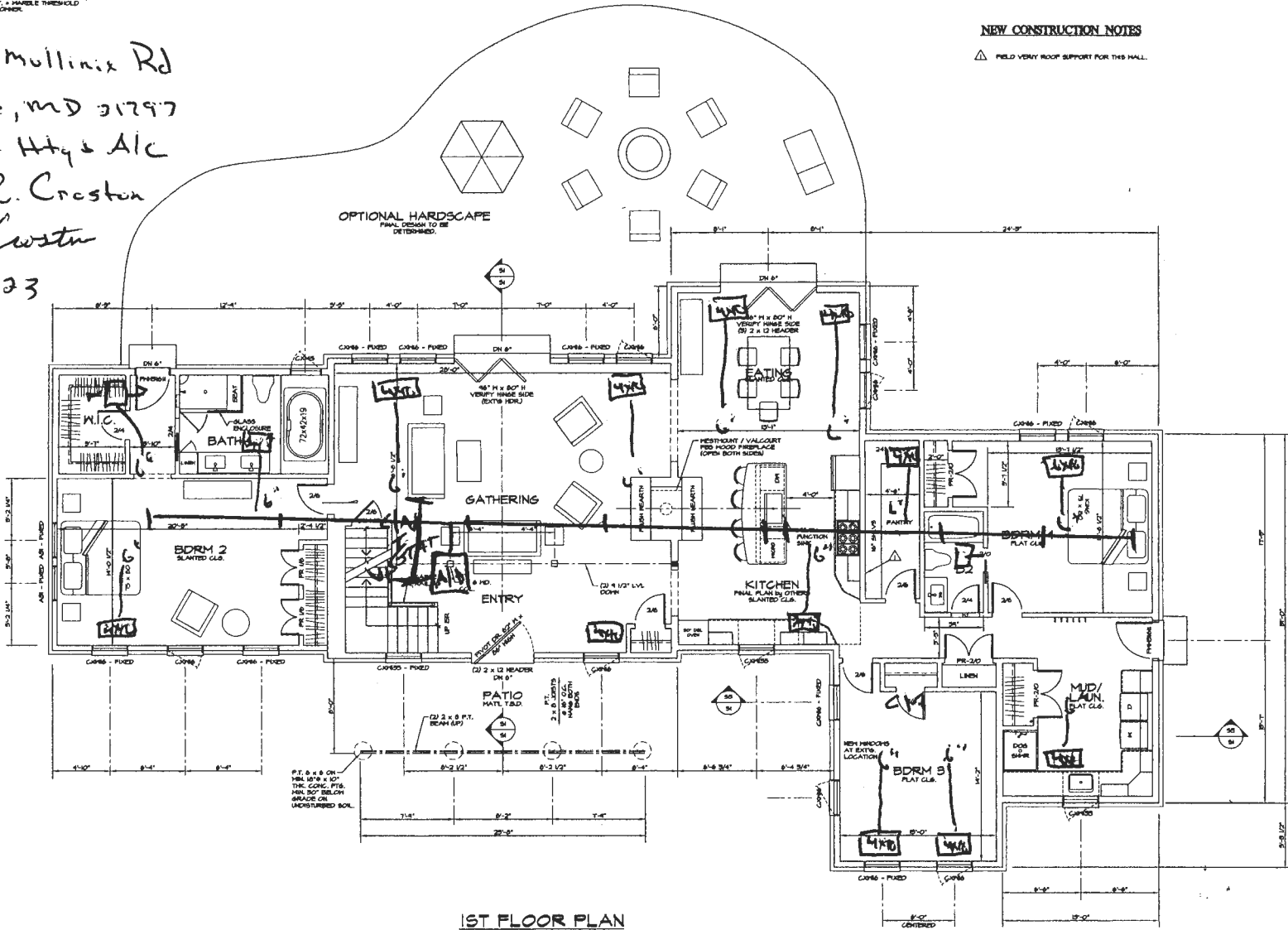
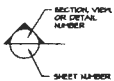
ROOM NAME	AREA SQ. FT.	HTG BTUH	CLG BTUH	HTG CFM	CLG CFM
Second Floor Bed	672	14801	7769	376	372
bed#2	322	7083	4017	180	192
BATH 1/wic	138	4438	1525	113	73
Gathering	550	16553	7504	421	359
Kitchen/Eating	448	11052	10238	281	490
Bed 4/Bath 2	277	4347	2330	111	111
Pantry	64	335	147	9	7
Bedroom 3	247	4310	1941	110	93
Mud/Laundry	195	4544	2610	116	125
crawl space	1190	4202	0	107	0
Entire House	4104	71665	38081	1822	1822
Ventilation Air		0	0		
Equip. @ 0.95 RSM			36177		
Latent Cooling			7172		
TOTALS	4104	71665	43349	1822	1822

m24000763

**NOTES:**

1. ALL EXTERIOR DIMENSIONS TAKEN FROM OUTSIDE OF SHEATHING TO CENTER LINES
2. ALL INTERIOR DIMENSIONS TAKEN FROM FINISHED HALL TO FINISHED HALL
3. PROVIDE SPOKE & CO DETAILING AS REQUIRED BY CODE
4. ALL HINGES SPEC'D ON PLAN TO AMERICAN HINGERS/LEGATURE
5. CONTRACTOR TO VERIFY EXACT PANEL MANUFACTURER
6. ALL NEW EXTERIOR WALLS TO BE 200 STUDS
7. T.B. = TIE STRIP C.O. = CASING OPENING, I.C.T. = MARBLE THRESHOLD
8. COMPLETE ALL FLOOR COVERINGS WITH HORIZONTAL

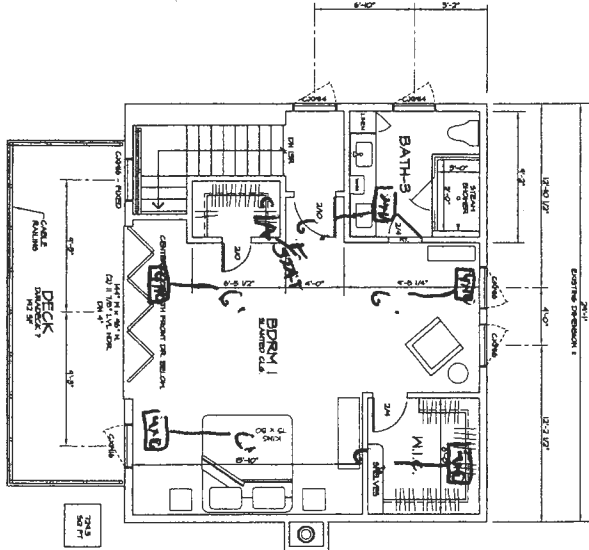
16063 AEmullinix Rd  
 Woodbine, MD 21797  
 SC Croston Htg & Alc  
 Steven C. Croston  
 Steve C. Croston  
 MD # 5333



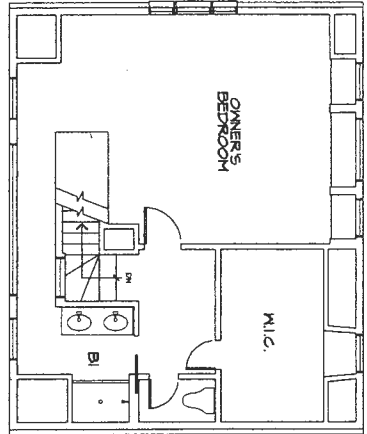
SHEET	A3
SCALE	1/4" = 1'-0"
DRAWN BY:	RL / HP
DATE	8-1-23
CADFILE	RON-COM
REVISIONS	REMARKS
NO.	DATE
PROPOSED REMODELING WORK FOR <b>16063A E. MULLINIX ROAD</b> WOODBINE, MARYLAND 21795 HOWARD COUNTY	
ROB LOAR PH 301.252.0247 JERIC BARNS <b>LOAR</b> HOME IMPROVEMENT, LLC	

DIAS / INSALACO REMODEL

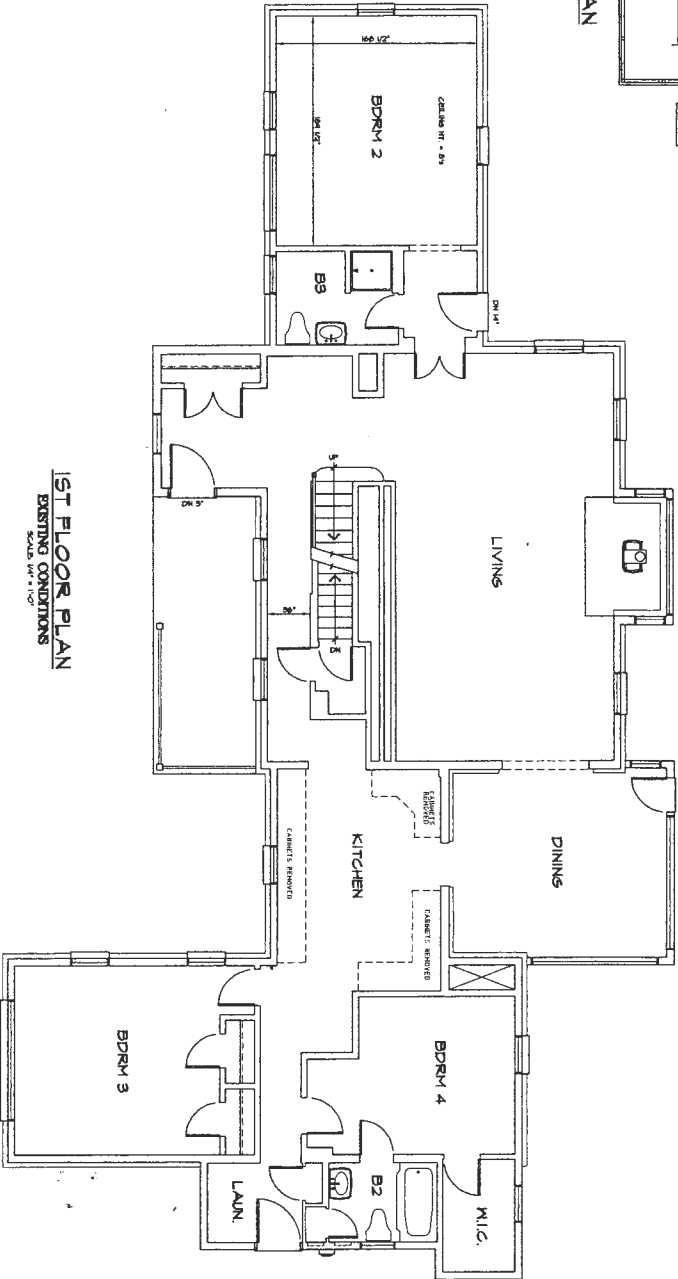
May 000963



2ND FLOOR PLAN  
NEW CONSTRUCTION



2ND FLOOR PLAN  
EXISTING CONDITIONS



1ST FLOOR PLAN  
EXISTING CONDITIONS

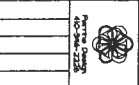


DIAS / INSALACO REMODEL

**LOAR**  
HOME IMPROVEMENT, LLC  
ROB LOAR  
PH 904.252.0627  
M-F 9C 128809

PROPOSED REMODELING WORK FOR  
16063A E. MULLINIX ROAD  
WOODBINE  
HOWARD COUNTY  
MARYLAND  
21079

REVISIONS			
NO.	DATE	REV BY	REMARKS



SCALE  
1/4" = 1'-0"  
DRAWN BY:  
RL / JPB  
DATE  
8-1-23  
CAPTLE  
RON-00M1

SHEET  
A4