

**ROOF PLAN  
MECHANICAL**

**DRAWING NOTES:**

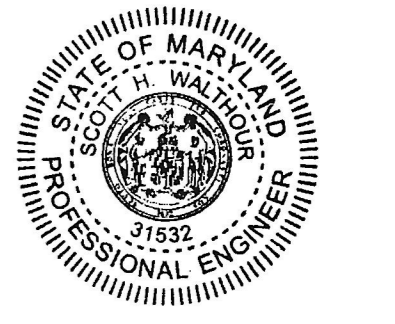
1. FOR SYMBOLS AND ABBREVIATIONS, SEE DRAWING COVER SHEET. SEE GENERAL NOTES AND MECHANICAL SPECIFICATIONS ON FOR MORE REQUIREMENTS.
2. THESE DRAWINGS ARE DIAGRAMMATIC AND HAVE BEEN VERIFIED TO GREAT EXTENT; HOWEVER, ACTUAL FIELD CONDITIONS MAY VARY. CONTRACTOR SHALL ADJUST DUCTWORK AS REQUIRED KEEPING DESIGN INTENT IN MIND.
3. PRIOR TO SUBMITTING BID, CONTRACTOR SHALL VISIT PROPOSED SITE AND FIELD VERIFY ALL EXISTING CONDITIONS. THE CONTRACTOR SHALL REPORT ANY DIFFERENCES AND NOTIFY ARCHITECT/ENGINEER SO THAT MORE INFORMATION OR NEW AND REVISED BID DRAWINGS CAN BE ISSUED. ANY CONFLICTS TO THE SCOPE OF WORK WHICH RESULTS FROM CONTRACTOR'S NEGLIGENCE TO VISIT THE SITE PRIOR TO SUBMITTING BID, SHALL BE THE CONTRACTOR'S SO RESPONSIBILITY.
4. PRIOR TO SUBMITTING BID, CONTRACTOR SHALL FIELD VERIFY THAT ALL NEW EQUIPMENT, DUCTWORK AND DIFFUSERS ARE NOT IN ANY CONFLICT WITH ANY EXISTING DUCTWORK, PIPING, AND CONDUITS. IF A CONFLICT SHALL OCCUR RELOCATE OBSTRUCTION AS REQUIRED. COORDINATE WITH APPROPRIATE CONTRACTOR. IF RELOCATION IS NOT FEASIBLE, ADJUST NEW DUCTWORK TO MISS OBSTRUCTION. SUBMIT PROPOSED NEW LAYOUT TO ENGINEER.
5. ALL NEW EQUIPMENT SHALL BE INSTALLED TO MAINTAIN ALL REQUIRED MAINTENANCE AND NEC CLEARANCES.
6. CONTRACTOR SHALL PATCH/REPLACE ALL ASSEMBLIES (WALL, ROOF, SLAB, GRID/CEILING, ETC.) WHERE OPENINGS ARE CREATED FROM DEMOLISHED OR NEW EQUIPMENT, PIPING, OR DUCTWORK. PROVIDE FIRE-STOP WHERE REQUIRED.
7. MAINTAIN NEC REQUIRED CLEARANCES ABOVE ALL ELECTRICAL PANELS, TRANSFORMERS, ETC. NO DUCTWORK, EQUIPMENT OR PIPING MAY BE INSTALLED ABOVE ELECTRICAL EQUIPMENT.
8. CONTRACTOR SHALL CAP AND SEAL ALL UNUSED TAPS.
9. ALL ROOF WORK TO MAINTAIN ROOF WARRANTY. COORDINATE WITH BUILDING MANAGEMENT / OWNER.
10. ALL NEW EQUIPMENT SHALL BE PROPERLY SECURED AND / OR ANCHORED AS REQUIRED. WHERE EQUIPMENT WITH MOVING PARTS IS NOT INTERNALLY ISOLATED, VIBRATION ISOLATION TO BE PROVIDED. INSTALL EQUIPMENT TO MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
11. ANY NEW ROOF OPENINGS UNDER ROOFTOP UNITS SHALL ONLY BE AS LARGE AS REQUIRED TO BRING THE INDIVIDUAL DUCT (SUPPLY VS RETURN) DOWN THROUGH THE ROOF. CAULK OPENING WITH ACOUSTICAL SEALANT AT ROOF PENETRATION. REFER TO DETAILS ON PLANS.

**KEYED NOTES:**

- ① EXISTING UNIT TO REMAIN. UNIT SHALL BE PUT IN PROPER WORKING ORDER. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL TEST AND BALANCE UNIT. BALANCE READING SHALL BE TAKEN WITH ALL REGISTER / DIFFUSER DAMPERS 100% OPEN. REPORT AT MINIMUM SHALL INCLUDE SUPPLY, RETURN, AND OUTDOOR AIR MEASUREMENTS, TSP / ESP, SUPPLY / RETURN / OA TEMP READINGS AT DATE OF REPORT, AND SUPPLY FAN SPEED TAP. REPORT ANY DEFICIENCIES TO OWNER AND ENGINEER. PROVIDE BALANCING REPORT TO OWNER AND ENGINEER.
- ② REMOVE EXISTING WALL MOUNTED DUCTLESS SPLIT SYSTEM IN ITS ENTIRETY. INCLUDING INDOOR UNIT, OUTDOOR UNIT, REFRIGERANT PIPING, AND ALL WIRING. PATCH ANY ROOF PENETRATIONS AND COORDINATE ALL ROOF WORK WITH BUILDING MANAGEMENT SO NO ROOF WARRANTIES ARE VOID.

**Scott H  
Walthour**

Digitally signed by  
Scott H Walthour  
Date: 2021.03.03  
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**RECEIVED**

APR 09 2021

LICENSES & PERMITS  
DIVISION

DWG NO.	M3
TITLE	ROOF PLAN - MECHANICAL
PROJECT NAME	CSGALLIES
PROJECT NO.	02021
DATE	03 MAR 2021
BY	SHW
CHECKED	SHW
DATE	03 MAR 2021
PROJECT MANAGER	COPT - CORPORATE OFFICE PROPERTIES TRUST 6711 COLUMBIA GATEWAY DRIVE, SUITE 300 COLUMBIA, MARYLAND 21046 PHONE: 410-258-5864
CONTRACTOR	
ARCHITECT/MEP ENGINEER	ARIUM   AE 5537 TOWN KNOLLS ROAD SUITE 435 BALTIMORE, MD 21246 WASHINGTON 301-621-4800 www.arium.com
PROJECT	LITTLE LEAVES BEHAVIORAL SERVICES GROUND LEVEL, SUITE A 7155 COLUMBIA GATEWAY DRIVE COLUMBIA, MD 21046

I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER: 31552 EXP. DATE: 3/1/2023

REVIEWED FOR  
CODE COMPLIANCE  
Department of Inspections,  
Licenses and Permits  
Howard County  
Date: 03/16/21  
By: Adolphe Hariaux