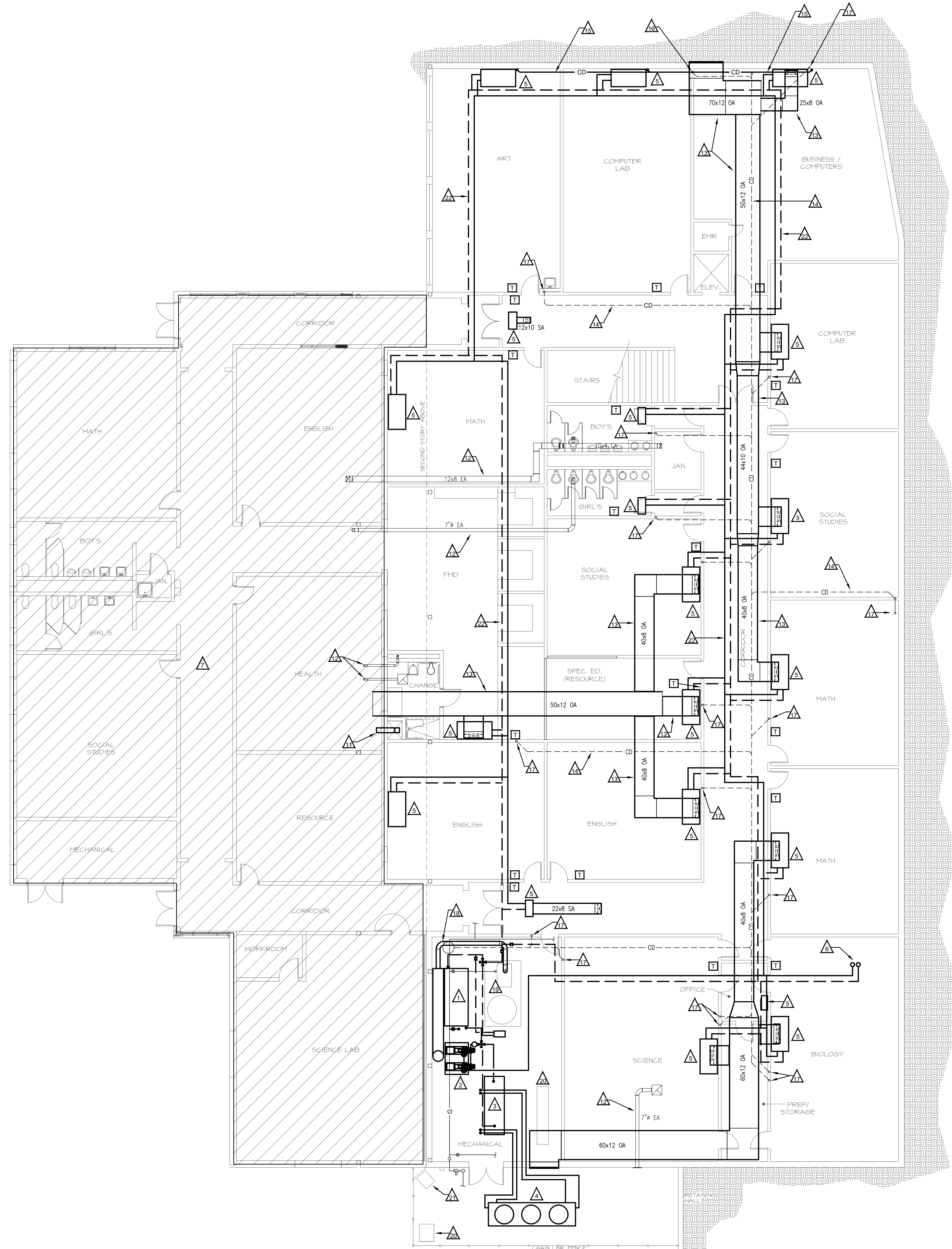


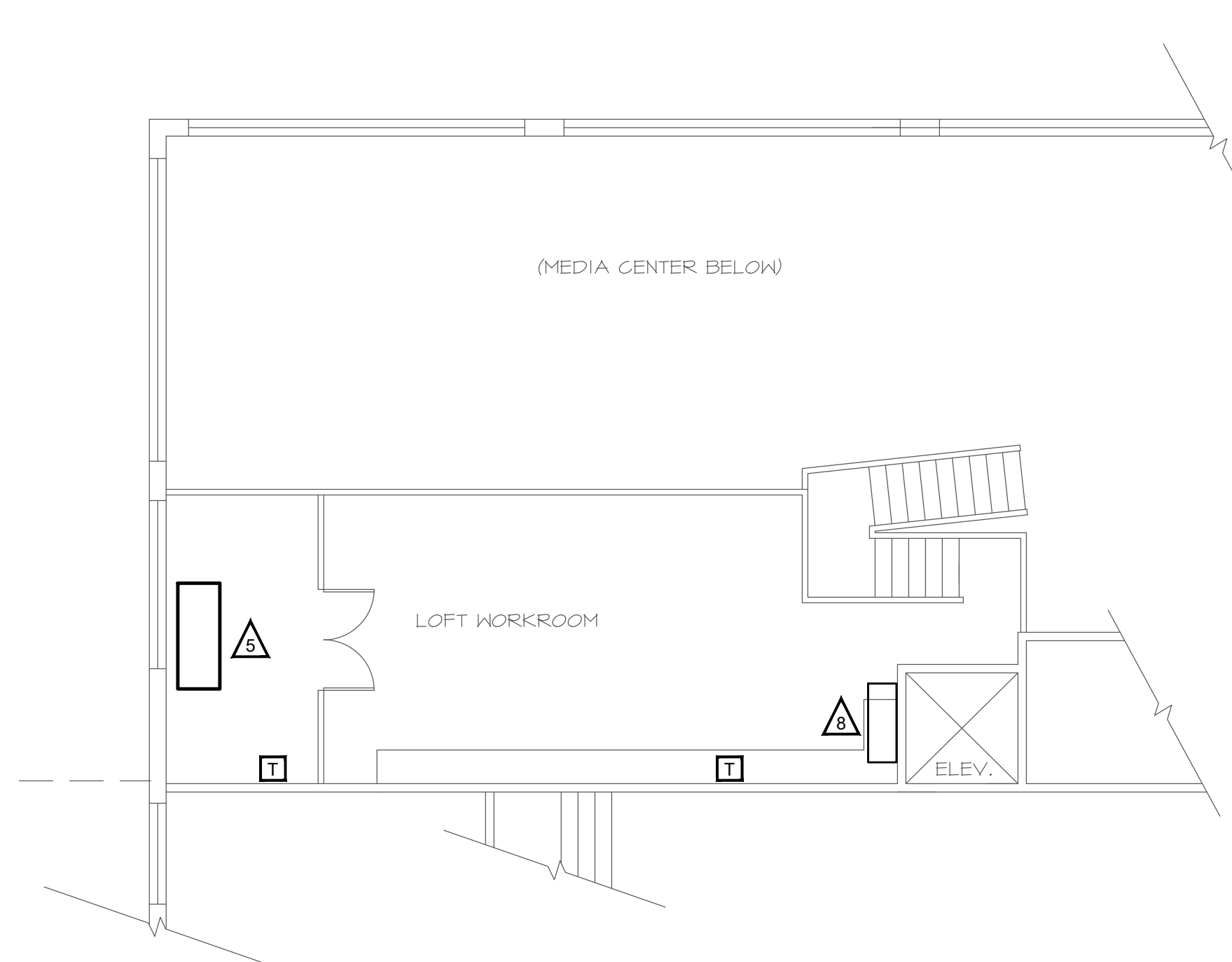
MECHANICAL DEMOLITION TAG NOTES

- (APPLIES TO THIS DRAWING ONLY)
- 1 REMOVE GAS FIRED BOILER AND ALL ASSOCIATED PIPING, FLUES, VALVES, FITTINGS, CONTROLS, ETC. COMPLETELY.
 - 2 REMOVE BASE MOUNTED HYDRONIC PUMPS AND ALL ASSOCIATED PIPING, VALVES, FITTINGS, CONTROLS, ETC. COMPLETELY.
 - 3 REMOVE CHILLER AND ALL ASSOCIATED PIPING, VALVES, FITTINGS, CONTROLS, ETC. COMPLETELY.
 - 4 REMOVE AIR COOLED CONDENSER AND ALL ASSOCIATED PIPING, VALVES, FITTINGS, CONTROLS, ETC. COMPLETELY.
 - 5 REMOVE FAN COIL / UNIT VENTILATOR UNIT AND ALL ASSOCIATED PIPING, VALVES, FITTINGS, DUCTWORK, CONTROLS, ETC. COMPLETELY.
 - 6 REMOVE HYDRONIC PIPING TO UPPER FLOOR AND ALL ASSOCIATED VALVES, FITTINGS, SUPPORTS, ETC. COMPLETELY.
 - 7 EXISTING GEO-THERMAL HEAT PUMP SYSTEM SHALL REMAIN.
 - 8 EXISTING DUCTLESS SPLIT SYSTEM SHALL REMAIN.
 - 9 REMOVE AIR HANDER UNIT AND ALL ASSOCIATED PIPING, VALVES, CONTROLS, ETC. REMOVE IMMEDIATE SUPPLY AND RETURN AIR DUCTWORK TRANSITION CONNECTIONS. EXISTING SUPPLY AND RETURN AIR DUCTWORK SHALL REMAIN FOR CONNECTION TO NEW HVAC UNIT.
 - 10 REMOVE AIR HANDER UNIT AND ALL ASSOCIATED PIPING, VALVES, CONTROLS, DUCTWORK, ETC. COMPLETELY.
 - 11 PREVIOUSLY ABANDONED EXHAUST DUCTWORK SHALL BE REMOVED.
 - 12 EXHAUST DUCTWORK SHALL REMAIN.
 - 13 REMOVE OUTSIDE AIR DUCTWORK.
 - 14 BELOW SLAB CONDENSATE DRAIN PIPING SHALL REMAIN.
 - 15 ABOVE CEILING CONDENSATE DRAIN PIPING SHALL BE REMOVED INCLUDING ALL FITTINGS AND PIPE SUPPORTS.
 - 16 CAP CONDENSATE DRAIN PIPING WATERTIGHT AT DROP IN WALL.
 - 17 CONDENSATE DRAIN PIPING FROM ABOVE SHALL REMAIN.
 - 18 FLOOR DRAIN / SUMP SHALL REMAIN.
 - 19 DOMESTIC HOT WATER HEATING SYSTEM SHALL REMAIN.
 - 20 ELECTRICAL EQUIPMENT SHALL REMAIN.
 - 21 HVAC EQUIPMENT SHALL REMAIN.
 - 22 REMOVE HYDRONIC SUPPLY AND RETURN PIPING AND ALL ASSOCIATED FITTINGS, VALVES, SUPPORTS, ETC. COMPLETELY.

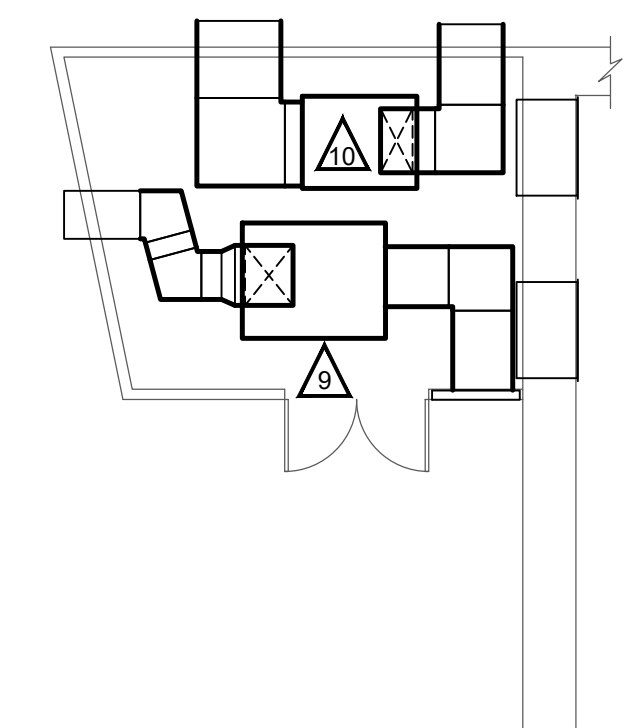
ALL RIGHTS RESERVED. THIS DRAWING IS THE PROPERTY OF RBS DESIGN GROUP. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN CONSENT OF RBS DESIGN GROUP.	JOB NUMBER 20594	DATE JULY 16, 2021
DESIGNED BY MLV	DRAWN BY MLV	CHECKED BY BLO
REVISIONS	DATE	DATE
NO.		



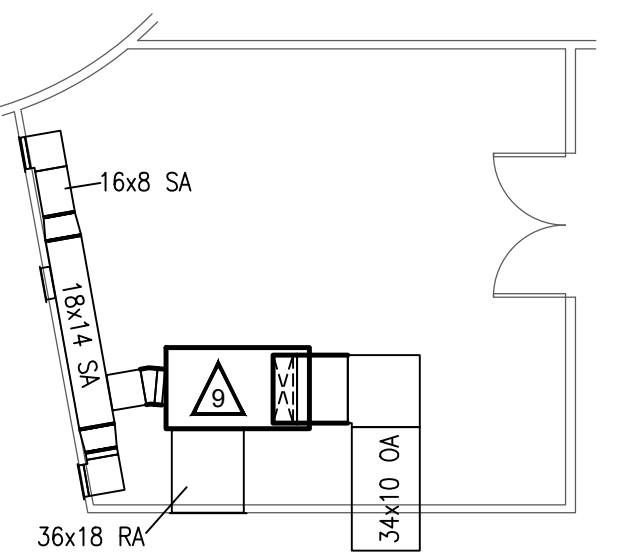
PROJECT NORTH
SCALE: 1/8" = 1'-0"
LOWER LEVEL FLOOR PLAN



PROJECT NORTH
SCALE: 1/8" = 1'-0"
UPPER LEVEL LOFT/WORKROOM PLAN
(ABOVE MEDIA CENTER)



PROJECT NORTH
SCALE: 1/8" = 1'-0"
UPPER LEVEL MEZZANINE PLANS
(ABOVE DRESSING ROOMS)

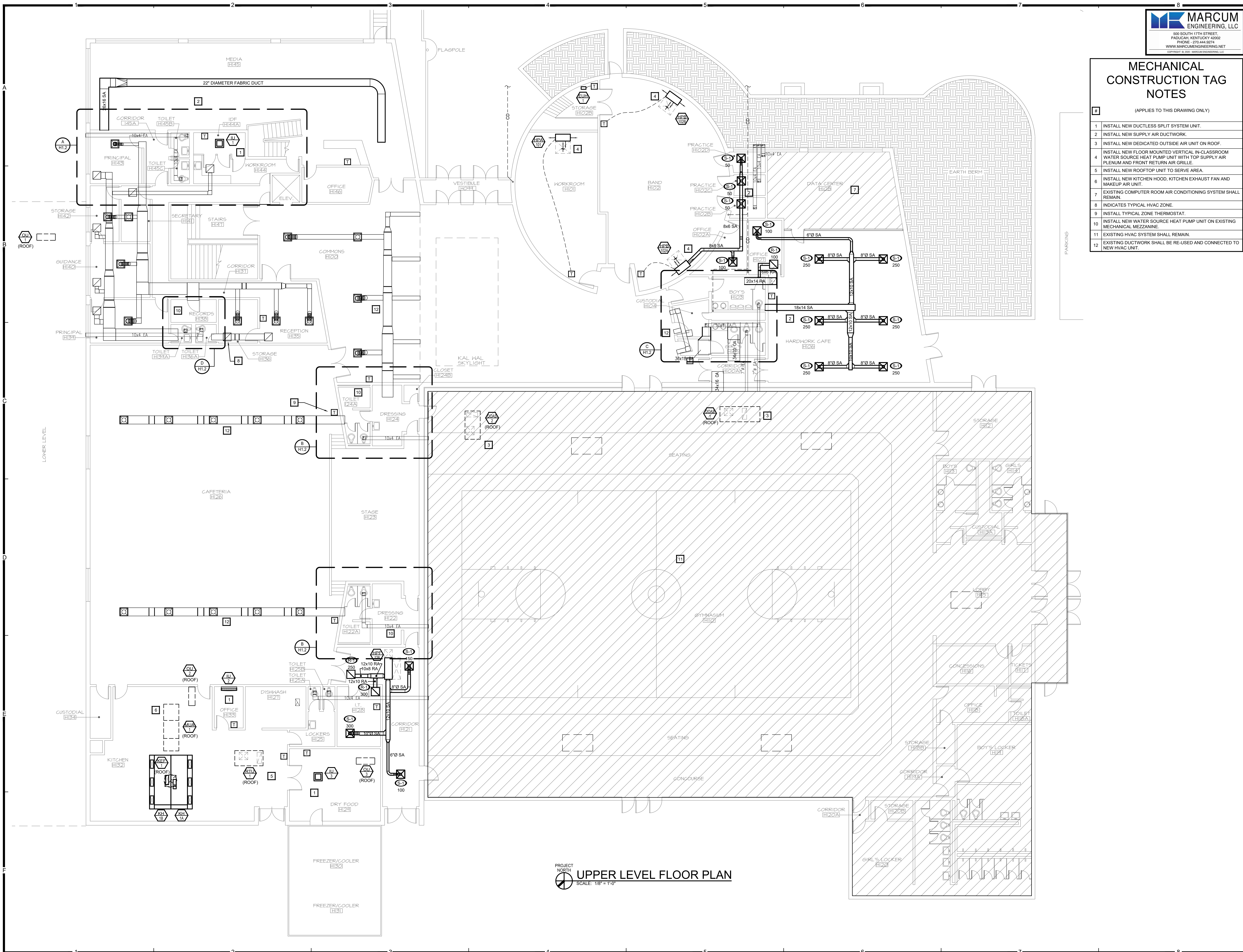


PROJECT NORTH
SCALE: 1/8" = 1'-0"
UPPER LEVEL MEZZANINE PLAN
(ABOVE COMMONS AREA)

PROJECT NORTH
SCALE: 1/8" = 1'-0"
UPPER LEVEL MEZZANINE PLAN
(ABOVE RECORDS AREA)

MECHANICAL CONSTRUCTION TAG NOTES

- (APPLIES TO THIS DRAWING ONLY)
1. INSTALL NEW DUCTLESS SPLIT SYSTEM UNIT.
 2. INSTALL NEW SUPPLY AIR DUCTWORK.
 3. INSTALL NEW DEDICATED OUTSIDE AIR UNIT ON ROOF.
 4. INSTALL NEW FLOOR MOUNTED VERTICAL IN-CLASSROOM WATER SOURCE HEAT PUMP UNIT WITH TOP SUPPLY AIR PLENUM AND FRONT RETURN AIR GRILLE.
 5. INSTALL NEW ROOFTOP UNIT TO SERVE AREA.
 6. INSTALL NEW KITCHEN HOOD, KITCHEN EXHAUST FAN AND MAKEUP AIR UNIT.
 7. EXISTING COMPUTER ROOM AIR CONDITIONING SYSTEM SHALL REMAIN.
 8. INDICATES TYPICAL HVAC ZONE.
 9. INSTALL TYPICAL ZONE THERMOSTAT.
 10. INSTALL NEW WATER SOURCE HEAT PUMP UNIT ON EXISTING MECHANICAL MEZZANINE.
 11. EXISTING HVAC SYSTEM SHALL REMAIN.
 12. EXISTING DUCTWORK SHALL BE RE-USED AND CONNECTED TO NEW HVAC UNIT.

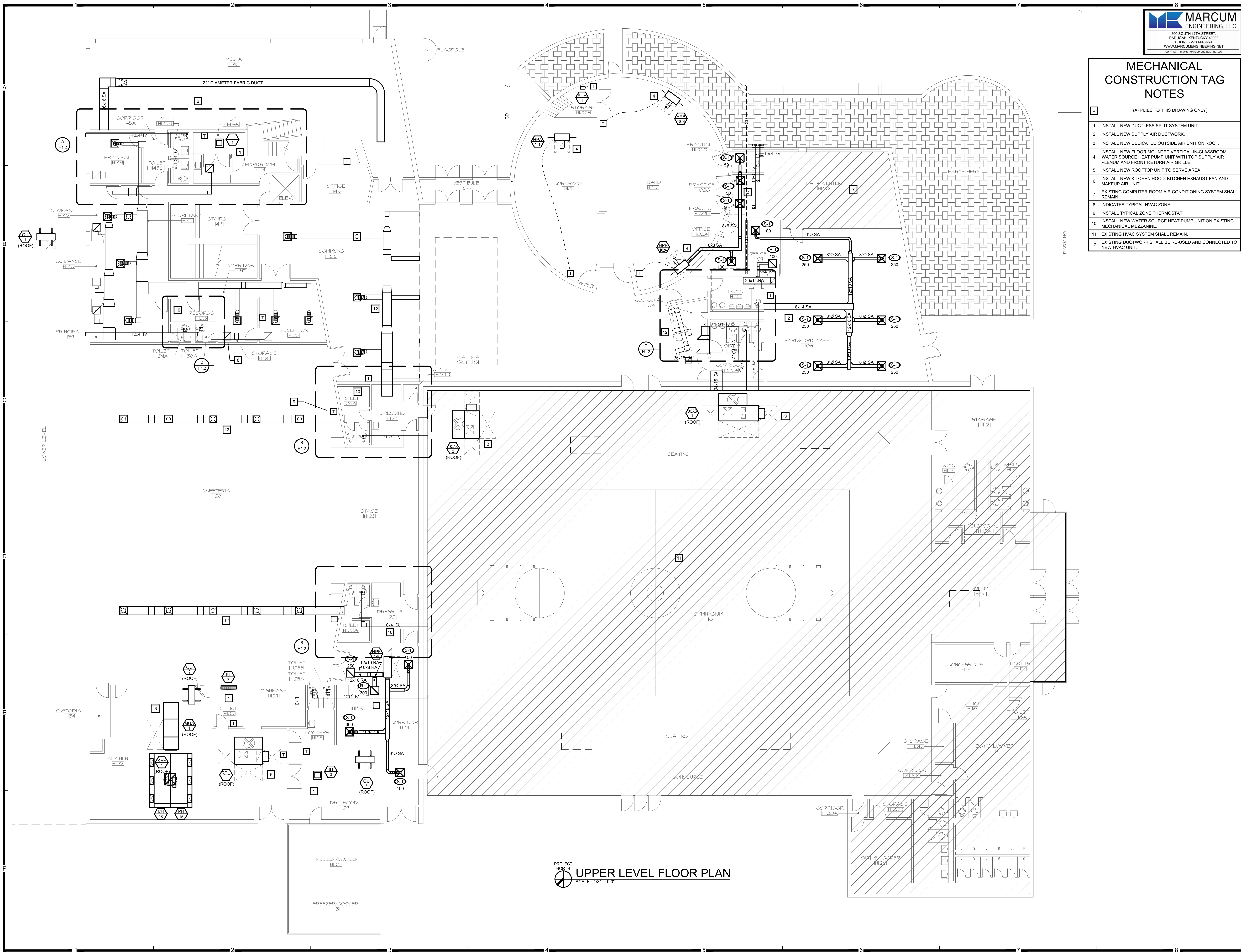


#	(APPLIES TO THIS DRAWING ONLY.)
1	INSTALL NEW HIGH EFFICIENCY GAS FIRED HYDRONIC CONDENSING BOILERS.
2	INSTALL NEW BASE MOUNTED HYDRONIC PUMPS.
3	INSTALL NEW OUTDOOR COOLING TOWER AWAY FROM BUILDING.
4	INSTALL NEW FLOOR MOUNTED VERTICAL IN-CLASSROOM WATER SOURCE HEAT PUMP UNIT WITH TOP SUPPLY AIR PLENUM AND FRONT RETURN AIR GRILLE.
5	EXISTING OUTSIDE AIR DUCT.
6	INSTALL NEW CEILING SUPPLY AIR DIFFUSER FOR OUTSIDE AIR.
7	CAP UNUSED OUTSIDE AIR DUCT.
8	INSTALL NEW EXPOSED FABRIC SUPPLY AIR DUCT SYSTEM.
9	INSTALL NEW SHEETMETAL SUPPLY AIR DUCTWORK.
10	RE-USE EXISTING OUTSIDE AIR DUCTWORK ABOVE LAY-IN CEILING SYSTEM.
11	CONNECT NEW SHEETMETAL OUTSIDE AIR DUCTWORK TO EXISTING AND EXTEND TO NEW RETURN AIR DUCTWORK ABOVE LAY-IN CEILING SYSTEM.
12	INSTALL NEW HYDRONIC PIPING ABOVE LAY-IN CEILING SYSTEM.
13	EXISTING GEO-THERMAL HEAT PUMP SYSTEM SHALL REMAIN.
14	INSTALL NEW DEDICATED OUTSIDE AIR UNIT AT GRADE.
15	INDICATES TYPICAL HVAC ZONE.
16	INSTALL TYPICAL ZONE THERMOSTAT.
17	EXISTING DUCTLESS SPLIT SYSTEM SHALL REMAIN.
18	INSTALL NEW WATER SOURCE HEAT PUMP UNIT TO SERVE UPPER LEVEL ZONE.



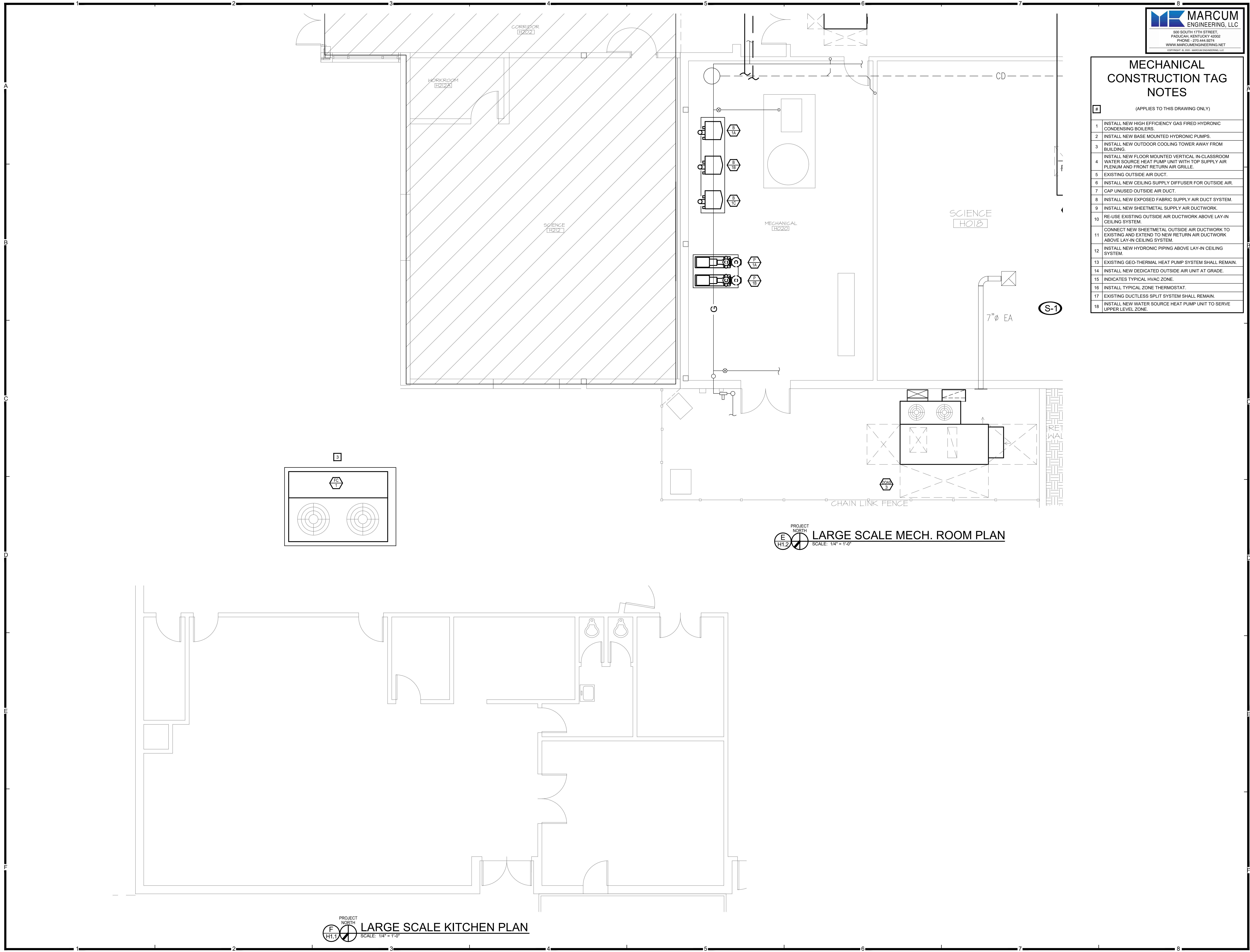
MECHANICAL CONSTRUCTION TAG NOTES

- (APPLIES TO THIS DRAWING ONLY)
1. INSTALL NEW DUCTLESS SPLIT SYSTEM UNIT.
 2. INSTALL NEW SUPPLY AIR DUCTWORK.
 3. INSTALL NEW DEDICATED OUTSIDE AIR UNIT ON ROOF.
 4. INSTALL NEW FLOOR MOUNTED VERTICAL IN-CLASSROOM WATER SOURCE HEAT PUMP UNIT WITH TOP SUPPLY AIR PLENUM AND FRONT RETURN AIR GRILLE.
 5. INSTALL NEW ROOFTOP UNIT TO SERVE AREA.
 6. INSTALL NEW KITCHEN HOOD, KITCHEN EXHAUST FAN AND MAKEUP AIR UNIT.
 7. EXISTING COMPUTER ROOM AIR CONDITIONING SYSTEM SHALL REMAIN.
 8. INDICATES TYPICAL HVAC ZONE.
 9. INSTALL TYPICAL ZONE THERMOSTAT.
 10. INSTALL NEW WATER SOURCE HEAT PUMP UNIT ON EXISTING MECHANICAL MEZZANINE.
 11. EXISTING HVAC SYSTEM SHALL REMAIN.
 12. EXISTING DUCTWORK SHALL BE RE-USED AND CONNECTED TO NEW HVAC UNIT.



#	(APPLIES TO THIS DRAWING ONLY)
1	INSTALL NEW HIGH EFFICIENCY GAS FIRED HYDRONIC CONDENSING BOILERS.
2	INSTALL NEW BASE MOUNTED HYDRONIC PUMPS.
3	INSTALL NEW OUTDOOR COOLING TOWER AWAY FROM BUILDING.
4	INSTALL NEW FLOOR MOUNTED VERTICAL IN-CLASSROOM WATER SOURCE HEAT PUMP UNIT WITH TOP SUPPLY AIR PLENUM AND FRONT RETURN AIR GRILLE.
5	EXISTING OUTSIDE AIR DUCT.
6	INSTALL NEW CEILING SUPPLY DIFFUSER FOR OUTSIDE AIR.
7	CAP UNUSED OUTSIDE AIR DUCT.
8	INSTALL NEW EXPOSED FABRIC SUPPLY AIR DUCT SYSTEM.
9	INSTALL NEW SHEETMETAL SUPPLY AIR DUCTWORK.
10	RE-USE EXISTING OUTSIDE AIR DUCTWORK ABOVE LAY-IN CEILING SYSTEM.
11	CONNECT NEW SHEETMETAL OUTSIDE AIR DUCTWORK TO EXISTING AND EXTEND TO NEW RETURN AIR DUCTWORK ABOVE LAY-IN CEILING SYSTEM.
12	INSTALL NEW HYDRONIC PIPING ABOVE LAY-IN CEILING SYSTEM.
13	EXISTING GEO-THERMAL HEAT PUMP SYSTEM SHALL REMAIN.
14	INSTALL NEW DEDICATED OUTSIDE AIR UNIT AT GRADE.
15	INDICATES TYPICAL HVAC ZONE.
16	INSTALL TYPICAL ZONE THERMOSTAT.
17	EXISTING DUCTLESS SPLIT SYSTEM SHALL REMAIN.
18	INSTALL NEW WATER SOURCE HEAT PUMP UNIT TO SERVE UPPER LEVEL ZONE.





**MECHANICAL
CONSTRUCTION TAG
NOTES**

- (APPLIES TO THIS DRAWING ONLY)
1. INSTALL NEW HIGH EFFICIENCY GAS FIRED HYDRONIC CONDENSING BOILERS.
 2. INSTALL NEW BASE MOUNTED HYDRONIC PUMPS.
 3. INSTALL NEW OUTDOOR COOLING TOWER AWAY FROM BUILDING.
 4. INSTALL NEW FLOOR MOUNTED VERTICAL IN-CLASSROOM WATER SOURCE HEAT PUMP UNIT WITH TOP SUPPLY AIR PLENUM AND FRONT RETURN AIR GRILLE.
 5. EXISTING OUTSIDE AIR DUCT.
 6. INSTALL NEW CEILING SUPPLY DIFFUSER FOR OUTSIDE AIR.
 7. CAP UNUSED OUTSIDE AIR DUCT.
 8. INSTALL NEW EXPOSED FABRIC SUPPLY AIR DUCT SYSTEM.
 9. INSTALL NEW SHEETMETAL SUPPLY AIR DUCTWORK.
 10. RE-USE EXISTING OUTSIDE AIR DUCTWORK ABOVE LAY-IN CEILING SYSTEM.
 11. CONNECT NEW SHEETMETAL OUTSIDE AIR DUCTWORK TO EXISTING AND EXTEND TO NEW RETURN AIR DUCTWORK ABOVE LAY-IN CEILING SYSTEM.
 12. INSTALL NEW HYDRONIC PIPING ABOVE LAY-IN CEILING SYSTEM.
 13. EXISTING GEO-THERMAL HEAT PUMP SYSTEM SHALL REMAIN.
 14. INSTALL NEW DEDICATED OUTSIDE AIR UNIT AT GRADE.
 15. INDICATES TYPICAL HVAC ZONE.
 16. INSTALL TYPICAL ZONE THERMOSTAT.
 17. EXISTING DUCTLESS SPLIT SYSTEM SHALL REMAIN.
 18. INSTALL NEW WATER SOURCE HEAT PUMP UNIT TO SERVE UPPER LEVEL ZONE.



MECHANICAL CONSTRUCTION TAG NOTES

(APPLIES TO THIS DRAWING ONLY)

- | | |
|----|---|
| 1 | INSTALL NEW HIGH EFFICIENCY GAS FIRED HYDRONIC CONDENSING BOILERS. |
| 2 | INSTALL NEW BASE MOUNTED HYDRONIC PUMPS. |
| 3 | INSTALL NEW OUTDOOR COOLING TOWER AWAY FROM BUILDING. |
| 4 | INSTALL NEW FLOOR MOUNTED VERTICAL IN-CLASSROOM WATER SOURCE HEAT PUMP UNIT WITH TOP SUPPLY AIR RETURN AND FRONT RETURN AIR GRILLE. |
| 5 | EXISTING OUTSIDE AIR DUCT. |
| 6 | INSTALL NEW CEILING SUPPLY DIFFUSER FOR OUTSIDE AIR. |
| 7 | CAP UNUSED OUTSIDE AIR DUCT. |
| 8 | INSTALL NEW EXPOSED FABRIC SUPPLY AIR DUCT SYSTEM. |
| 9 | INSTALL NEW SHEETMETAL SUPPLY AIR DUCTWORK. |
| 10 | RE USE EXISTING OUTSIDE AIR DUCTWORK ABOVE LAY-IN CEILING SYSTEM. |
| 11 | CONNECT NEW SHEETMETAL OUTSIDE AIR DUCTWORK TO EXISTING AND EXTEND TO NEW RETURN AIR DUCTWORK ABOVE LAY-IN CEILING SYSTEM. |
| 12 | INSTALL NEW HYDRONIC PIPING ABOVE LAY-IN CEILING SYSTEM. |
| 13 | EXISTING GEO-THERMAL HEAT PUMP SYSTEM SHALL REMAIN. |
| 14 | INSTALL NEW DEDICATED OUTSIDE AIR UNIT AT GRADE. |
| 15 | INDICATES TYPICAL HVAC ZONE. |
| 16 | INSTALL TYPICAL ZONE THERMOSTAT. |
| 17 | EXISTING DUCTLESS SPLIT SYSTEM SHALL REMAIN. |
| 18 | INSTALL NEW WATER SOURCE HEAT PUMP UNIT TO SERVE UPPER LEVEL ZONE. |

 **RBS DESIGN GROUP**
Architecture
723 Harvard Drive, Oneonta, NY 4201
Phone: (770) 683-1033 Fax: (770) 683-2446
E-Mail: office@rbsdesigngroup.com

ALL RIGHTS RESERVED

JOB NUMBER	20594
DRAWN BY	MLV
CHECKED BY	BLO
DATE	JULY 16, 2021

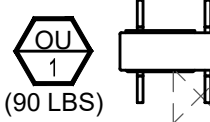
REVISIONS	
NO.	DATE
•	•
•	•
•	•
•	•



**DAWSON SPRINGS INDEPENDENT SCHOOLS
DAWSON SPRINGS HIGH SCHOOL
DAWSON SPRINGS, KENTUCKY**

SHEET NUMBER

ME1.1

KAL WAL
SKYLIGH

(1300 LBS)

(1700 LB)

(1000 LBS)



1330 LBS

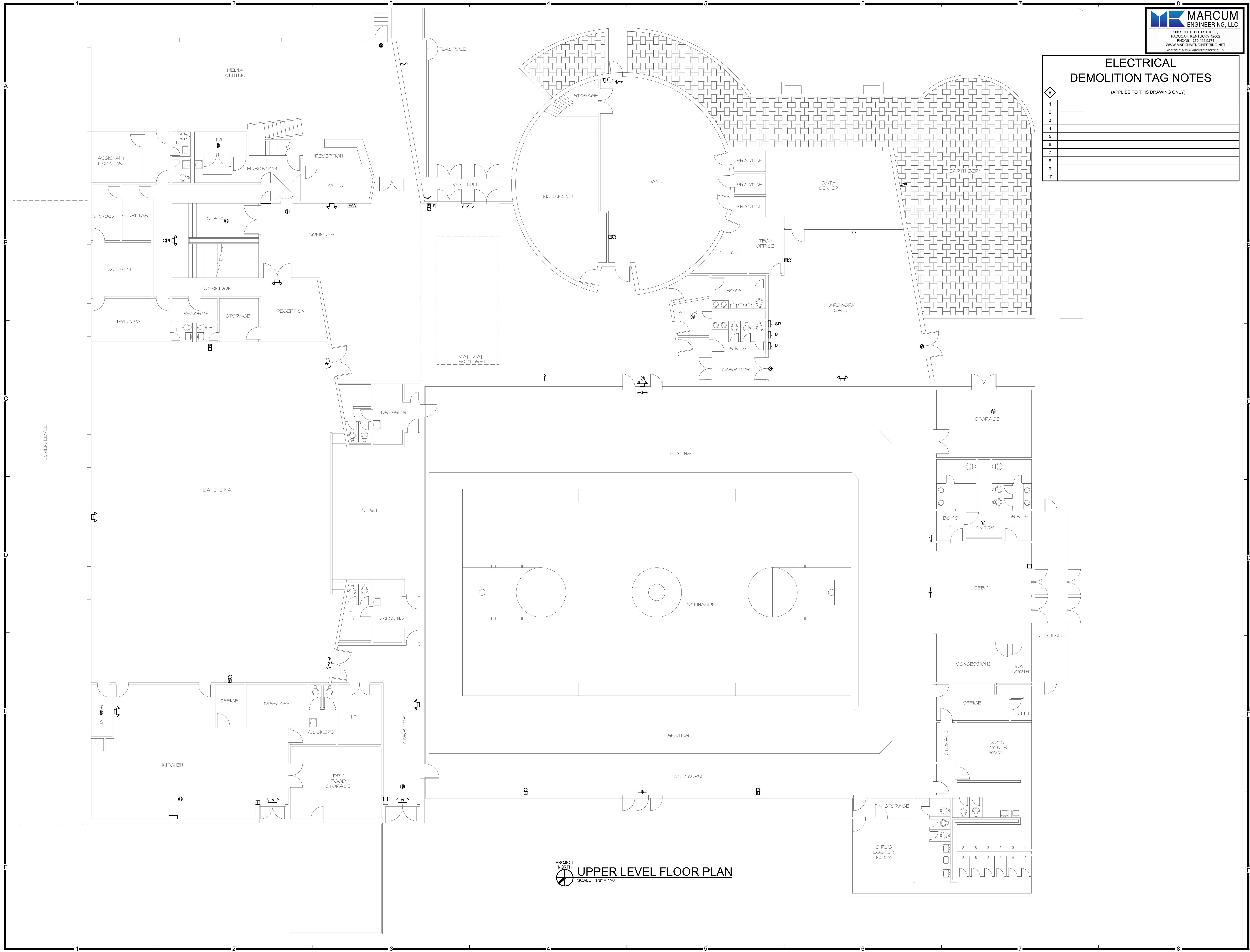
(60 LBS)

(90 LBS)

PROJECT NORTH

 ROOF PLAN

SCALE: 1/8" = 1'-0"



MARCUM
ENGINEERING, LLC
500 SOUTH 17TH STREET
PADUCAH, KENTUCKY 42002
PHONE: 270-444-9274
WWW.MARCUMENGINEERING.NET
COPYRIGHT © 2021 MARCUM ENGINEERING, LLC

ELECTRICAL DEMOLITION TAG NOTES	
(APPLIES TO THIS DRAWING ONLY)	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

PROJECT
NORTH
UPPER LEVEL FLOOR PLAN
SCALE: 1/8" = 1'-0"

RBS DESIGN GROUP
Architecture
723 Laurel Drive, Owensboro, KY 42306
Phone: 502-685-1951 Fax: 502-685-2446
Email: info@rbsdesigngroup.com

ALL RIGHTS RESERVED	
THIS DRAWING IS THE PROPERTY OF RBS DESIGN GROUP. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF RBS DESIGN GROUP.	
DO NOT SCALE DRAWINGS	
VERIFY DIMENSIONS ON SITE PRIOR TO CONSTRUCTION	
CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODES AND ALL APPLICABLE LOCAL ORDINANCES.	
JOB NUMBER	20594
DRAWN BY	GM
CHECKED BY	DMU
DATE	JULY 16, 2021
REVISIONS	
NO.	DATE
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•

NOT FOR CONSTRUCTION

UNAPPROVED FOR CONSTRUCTION

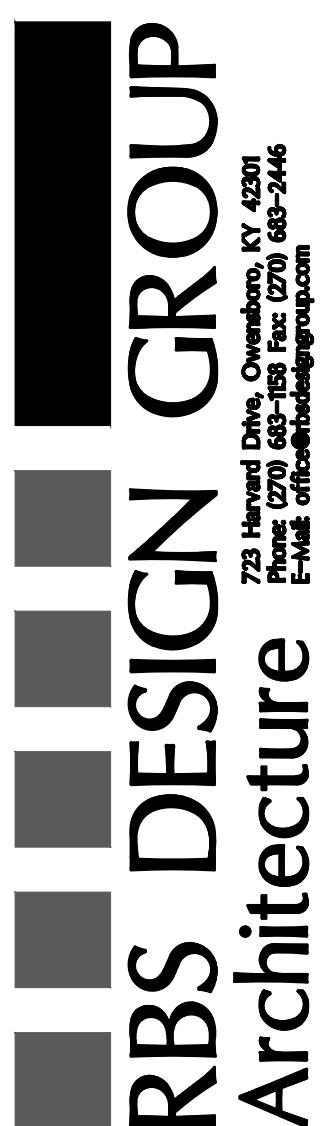
7/16/2021

DAWSON SPRINGS INDEPENDENT SCHOOLS
DAWSON SPRINGS HIGH SCHOOL
DAWSON SPRINGS, KENTUCKY
DEMOLITION ELECT UPPER LEVEL FLOOR PLAN
SHEET NUMBER
DE1.1

ELECTRICAL DEMOLITION TAG NOTES	
(APPLIES TO THIS DRAWING ONLY)	
1	PANELS SHALL REMAIN.
2	FACP SHALL BE REMOVED. BRANCH CIRCUIT WIRING SHALL BE RETAINED FOR NEW WORK.
3	REMOVE DEVICE AND WIRING BACK TO SOURCE.
4	HOT WATER HEATING SYSTEM AND ALL WIRING/CONTROLS SHALL REMAIN.
5	PUMPS SHALL BE REMOVED AND ALL ASSOCIATED CONTROLS, WIRING AND CONDUIT BACK TO SOURCE. COORDINATE REMOVAL WITH M.C.
6	CHILLER SHALL BE REMOVED AND ALL ASSOCIATED CONTROLS, WIRING AND CONDUIT BACK TO SOURCE. COORDINATE REMOVAL WITH M.C.
7	BOILER SHALL BE REMOVED AND ALL ASSOCIATED CONTROLS, WIRING AND CONDUIT BACK TO SOURCE. COORDINATE REMOVAL WITH M.C.
8	
9	CONDENSER SHALL BE REMOVED AND ALL ASSOCIATED CONTROLS, WIRING AND CONDUIT BACK TO SOURCE. COORDINATE REMOVAL WITH M.C.
10	FAN COIL / UNIT VENTILATOR SHALL BE REMOVED AND ALL ASSOCIATED CONTROLS, WIRING AND CONDUIT BACK TO SOURCE. COORDINATE REMOVAL WITH M.C.
11	EXISTING LIGHTING FIXTURES AND SWITCH DEVICES SHALL BE REMOVED AND ALL WIRING AND CONDUIT BACK TO SOURCE. THIS DOES NOT INCLUDE BRANCH CIRCUIT WIRING IDENTIFIED FOR RE-USE ON NEW WORK PLANS. COORDINATE WITH NEW WORK PLANS.

**MARCUM**
ENGINEERING, LLC

500 SOUTH 17TH STREET
PADUCAH, KENTUCKY 42002
PHONE: 270-444-9274
WWW.MARCUMENGINEERING.NET
COPYRIGHT © 2021 MARCUM ENGINEERING, LLC



720 Walnut Drive, Owensboro, KY 42301
Phone: 270-667-1951 Fax: 270-667-2446
Email: info@rbsdesigngroup.com

ALL RIGHTS RESERVED.
THIS DRAWING IS THE PROPERTY OF RBS DESIGN GROUP. IT IS TO BE USED FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF RBS DESIGN GROUP. VIOLATION OF THIS NOTICE MAY RESULT IN LEGAL ACTION.

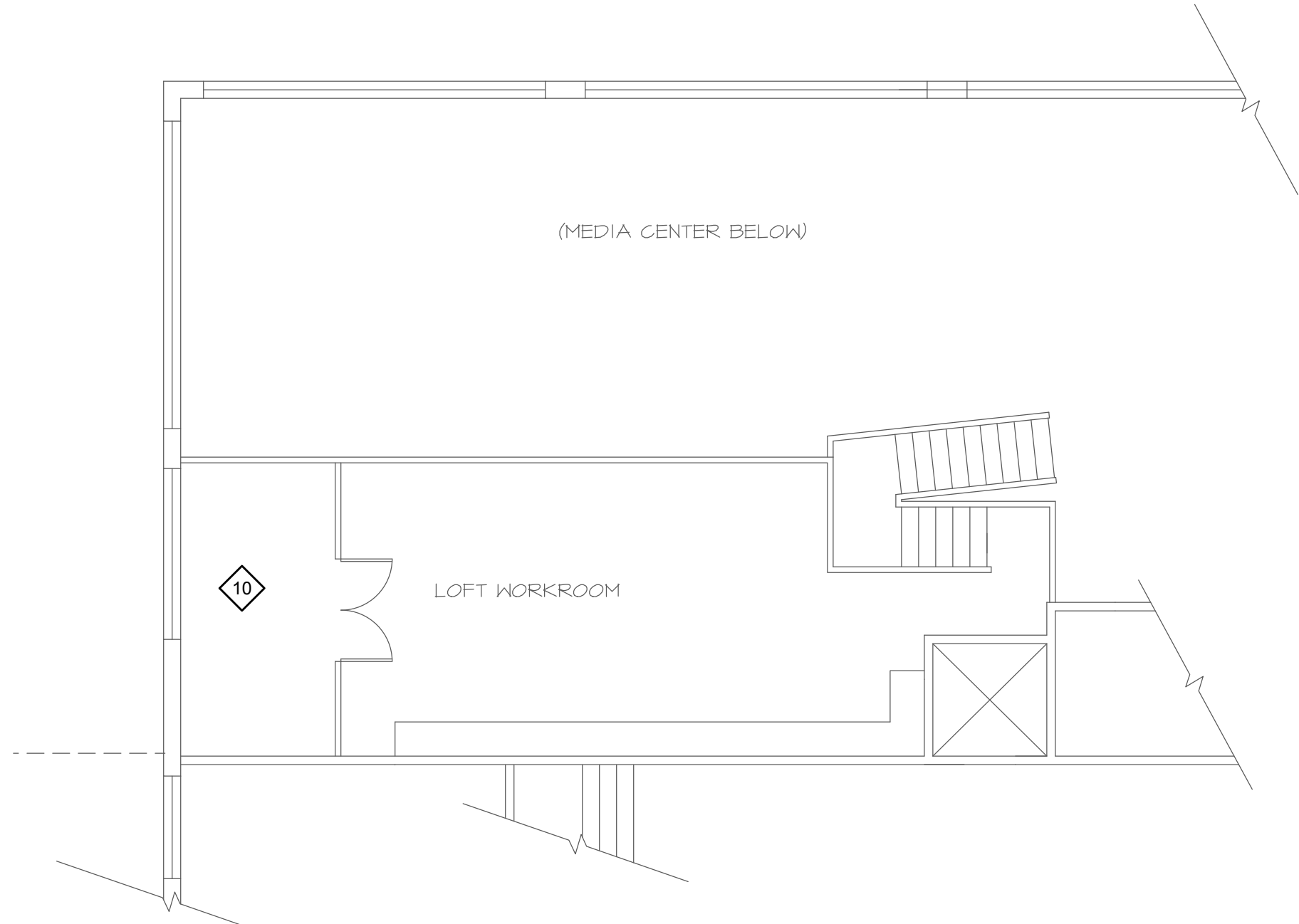
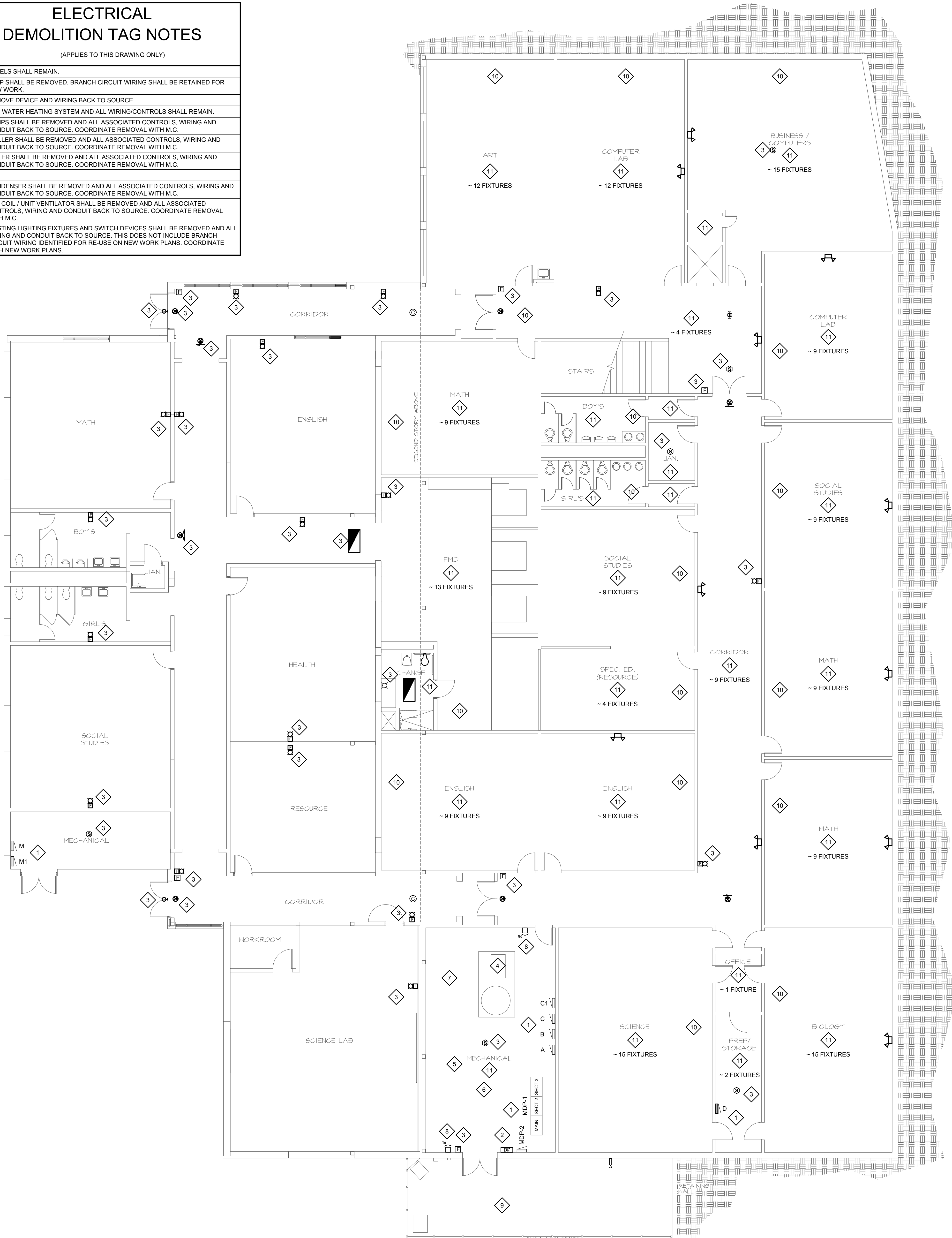
JOB NUMBER	20594
DRAWN BY	GM
CHECKED BY	DMU
DATE	JULY 16, 2021

REVISIONS	DATE
NO.	



DAWSON SPRINGS INDEPENDENT SCHOOLS
DAWSON SPRINGS HIGH SCHOOL
DAWSON SPRINGS, KENTUCKY
DEMOLITION ELECT LOWER LEVEL FLOOR PLAN

SHEET NUMBER
DE1.2



PROJECT NORTH
SCALE: 1/8" = 1'-0"
UPPER LEVEL LOFT/WORKROOM PLAN
(ABOVE MEDIA CENTER)

PROJECT NORTH
SCALE: 1/8" = 1'-0"
LOWER LEVEL FLOOR PLAN

ELECTRICAL
CONSTRUCTION TAG NOTES
(APPLIES TO THIS DRAWING ONLY)

#	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

ALL RIGHTS RESERVED.
THIS DRAWING IS THE PROPERTY OF MARCUM ENGINEERING, LLC. IT IS TO BE USED FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MARCUM ENGINEERING, LLC. VIOLATION OF THIS NOTICE MAY RESULT IN LEGAL ACTION.

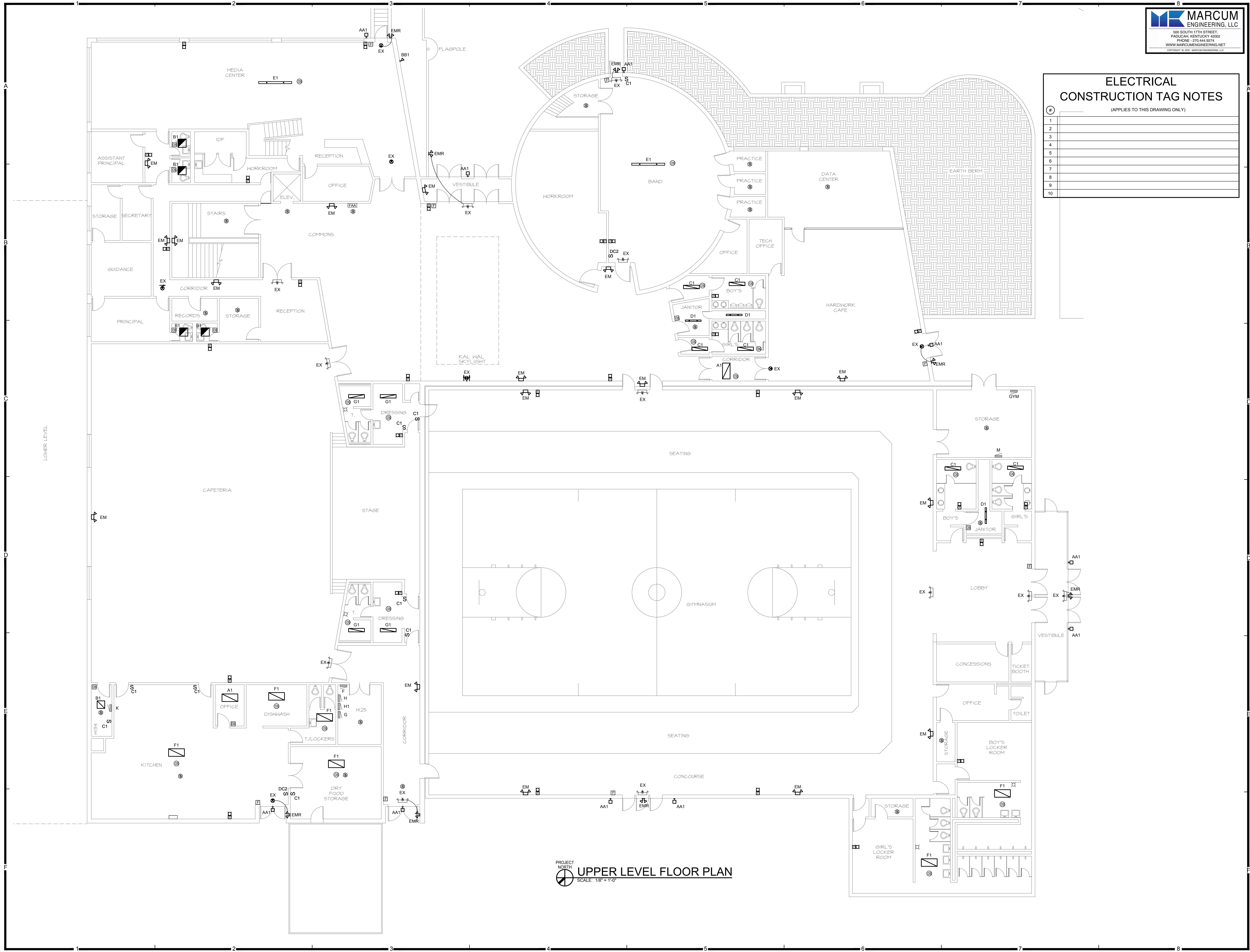
JOB NUMBER	20594
DRAWN BY	GM
CHECKED BY	DMU
DATE	JULY 16, 2021

REVISIONS	DATE	NO.	



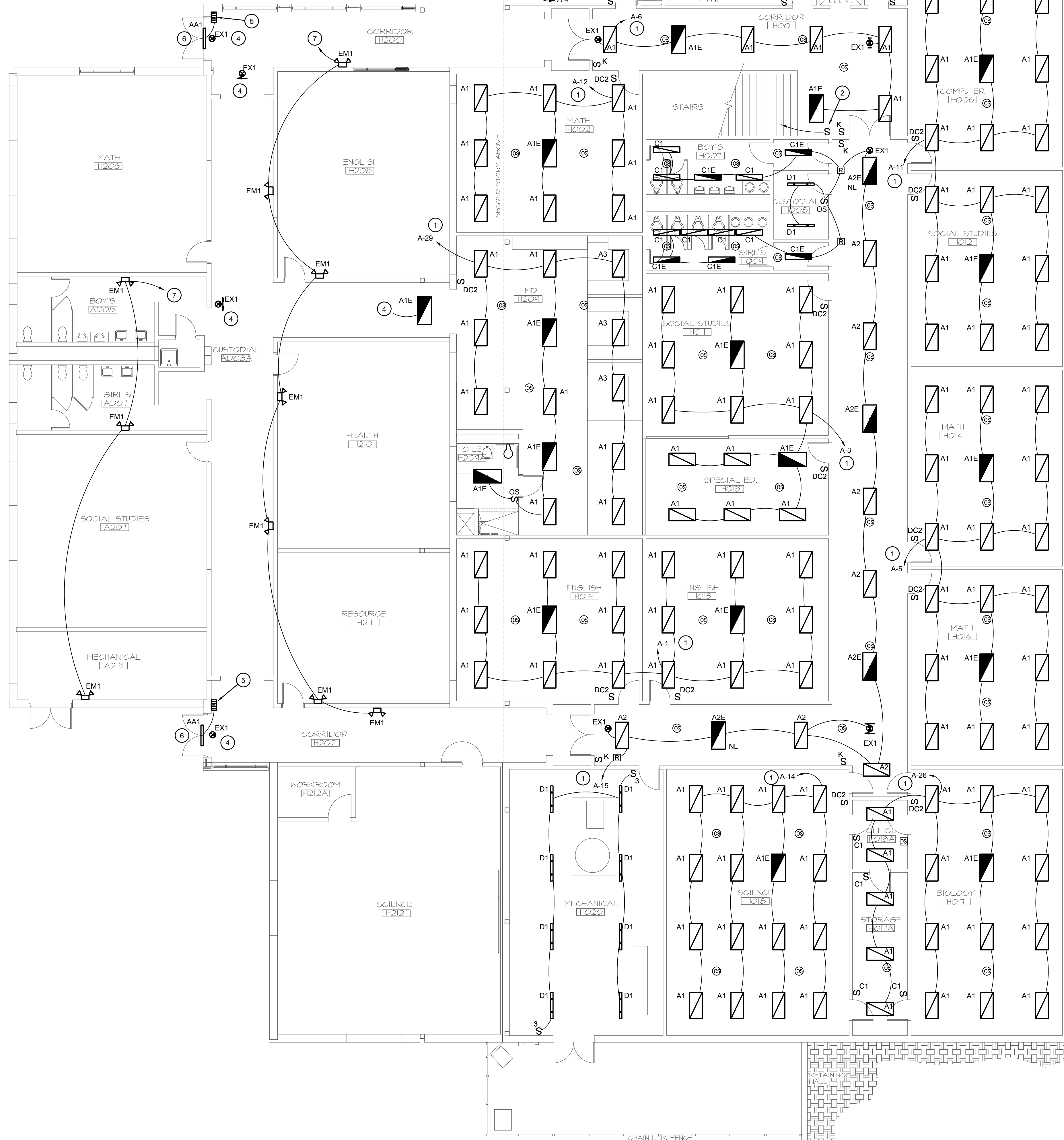
DAWSON SPRINGS INDEPENDENT SCHOOLS
DAWSON SPRINGS HIGH SCHOOL
DAWSON SPRINGS, KENTUCKY
LIGHTING UPPER LEVEL FLOOR PLAN

SHEET NUMBER
E1.1

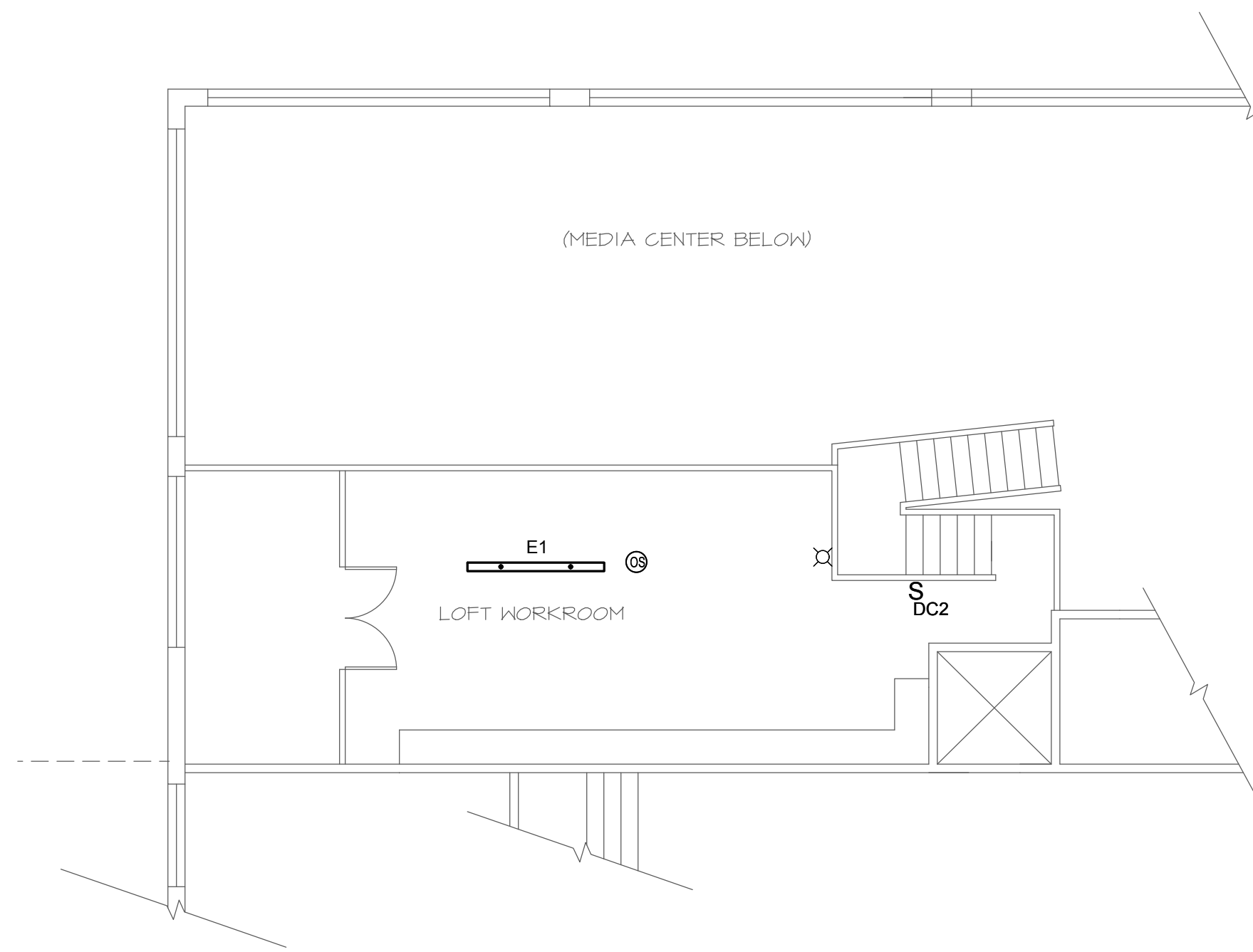


ELECTRICAL
CONSTRUCTION TAG NOTES

- (APPLIES TO THIS DRAWING ONLY)
- CIRCUIT IDENTIFIER SHOWN ON PLANS REFLECTS PANEL INDEX (PANEL AND BREAKER NUMBER) CURRENTLY SERVING THIS SPACE. E.G. SHALL CONFIRM ACCURACY, ADJUST AS NECESSARY AND RE-USE THE SAME BREAKER SERVING THIS AREA FOR NEW WORK. FURNISH AND INSTALL NEW WIRING AND CONDUIT AS REQUIRED TO COMPLETE.
 - NO WORK EXISTING SWITCH, LIGHTING AND CIRCUITRY SERVING STAIRWAY SHALL REMAIN.
 - NEW DIGITAL SWITCHES SHALL BE INSTALLED IN EXISTING SWITCH LOCATIONS. EXISTING BACK BOXES AND CONDUIT MAY BE RE-USED IF IN CODE COMPLIANT CONDITION. REMAINING EXISTING WIRING AND SWITCHES LOCATED WITHIN THIS SPACE SHALL BE REMOVED AND REPLACED WITH BLANK COVER PLATES. THIS IS TYPICAL FOR EACH SPACE NOTED AS REQUIRING NEW DIGITAL SWITCHES.
 - FIXTURE SHALL REPLACE EXISTING AND RE-CONNECT BACK IN WITH EXISTING UN-SWITCHED WIRING CURRENTLY SERVING THIS FIXTURE.
 - REMOTE INVERTER SERVING FIXTURE AA1 MOUNT ABOVE CEILING IN AN ACCESSIBLE LOCATION. SUPPLY INVERTER WITH AN UN-SWITCHED HOT.
 - MOUNT AA1 AT LOCATION OF EXISTING FIXTURE. ADD NEW WIRING TO REMOTE INVERTER. PROVIDE SEALANT AS REQUIRED TO KEEP WATER INGRESS FROM OCCURRING THROUGH EXISTING BACK BOX OR ANY ENTRY INTO BUILDING.
 - PROVIDE NEW FIXTURES AN UN-SWITCHED HOT CURRENTLY SERVING THIS AREA. CONDUIT MAY BE RUN EXPOSED TO ABOVE CEILING SPACE. PAINT EXPOSED CONDUIT TO MATCH WALLS.
 - PROGRAM LIGHTS WITHIN ZONE IDENTIFIED BY DASHED LINES FOR AUTOMATIC PHOTOCONTROL DIMMING WHEN AMBIENT EXCEEDS 75 FC.



PROJECT NORTH
LOWER LEVEL FLOOR PLAN
SCALE: 1/8" = 1'-0"



PROJECT NORTH
UPPER LEVEL LOFT/WORKROOM PLAN
SCALE: 1/8" = 1'-0"
(ABOVE MEDIA CENTER)

3	(APPLIES TO THIS DRAWING ONLY.)
1	EXISTING FACP SHALL BE REPLACED WITH NEW. NEW FACP SHALL SERVE WHOLE BUILDING. RE-USE EXISTING BRANCH CIRCUIT CURRENTLY FEEDING EXISTING FACP FOR NEW WORK.
2	"
3	NEW DEVICE SHALL REPLACE EXISTING.
4	FIXTURE SHALL REPLACE EXISTING AND RE-CONNECT BACK IN WITH EXISTING UN-SWITCHED WIRING CURRENTLY SERVING THIS FIXTURE.
5	REMOTE INVERTER SERVING FIXTURE A1. MOUNT ABOVE CEILING IN AN ACCESSIBLE LOCATION. SUPPLY INVERTER WITH AN UNSWITCHED HOT. MOUNT A1 AT LOCATION OF EXISTING FIXTURE. ADD NEW WIRING TO REMOVE INVERTER. PROVIDE SEALANT AS REQUIRED TO KEEP WATER INGRESS FROM OCCURRING THROUGH EXISTING BACK BOX OR ANY ENTRY INTO BUILDING. PROVIDE NEW FIXTURES AN UN-SWITCHED HOT CURRENTLY SERVING THIS AREA. CONDUIT MAY BE RUN EXPOSED TO ABOVE CEILING SPACE. PAINT EXPOSED CONDUIT TO MATCH.
6	PROGRAM LIGHTS WITHIN ZONE IDENTIFIED BY DASHED LINES FOR AUTOMATIC PHOTOCONTROL. DIMMING WHEN AMBIENT EXCEEDS 75 FC.

 **RBS DESIGN GROUP**
Architecture
723 Hewitt Drive, Owassosville, KY 42301
Phone: (270) 683-1831 Fax: (270) 683-2446
E-Mail: office@rbsdesigngroup.com

ALL RIGHTS RESERVED

THIS DRAWING IS THE PROPERTY OF BASIL DESMAN GROUP P.A.C. AND SHALL NOT BE REPRODUCED IN WHOLE OR IN PART. THE DRAWING SHALL NOT BE USED FOR CONSTRUCTION OF ANY OTHER PROJECT WITHOUT WRITTEN CONSENT OF THIS FIRM.

DO NOT SCALE DIMENSIONS

USE GIVEN DIMENSIONS ONLY. IF NOT GIVEN VERIFY AND DOCUMENT CORRECT DIMENSION WITH THE ARCHITECT OR ENGINEER, CONSULTING ARCHITECT, GEOTECHNICAL ENGINEER, AND VERIFY ALL DIMENSIONS AND CONDITIONS AT SITE.

JOB NUMBER	20594
DRAWN BY	GJM
CHECKED BY	DMU
DATE	JULY 16, 2021

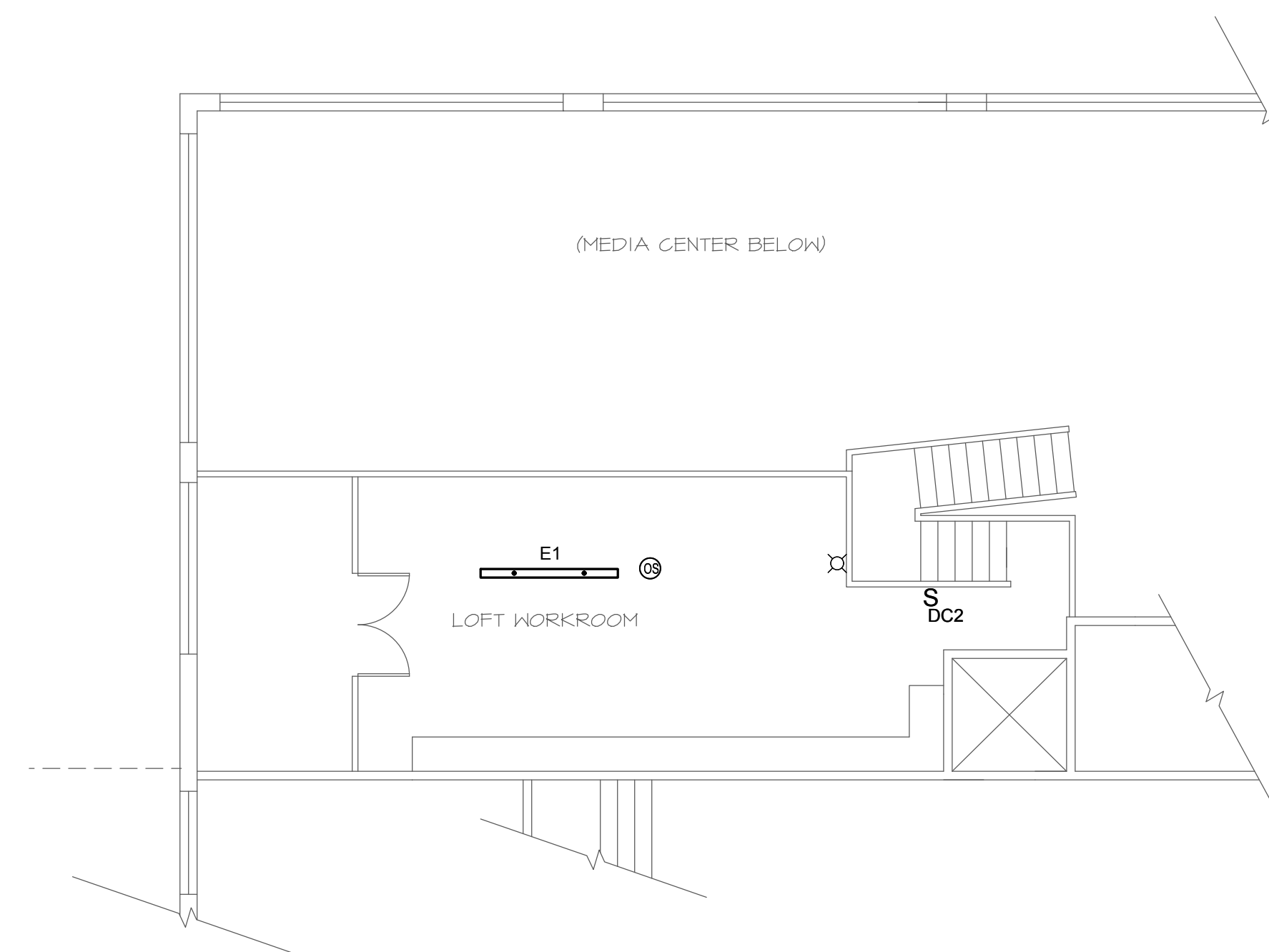


DAWSON SPRINGS INDEPENDENT SCHOOLS
DAWSON SPRINGS HIGH SCHOOL
DAWSON SPRINGS, KENTUCKY

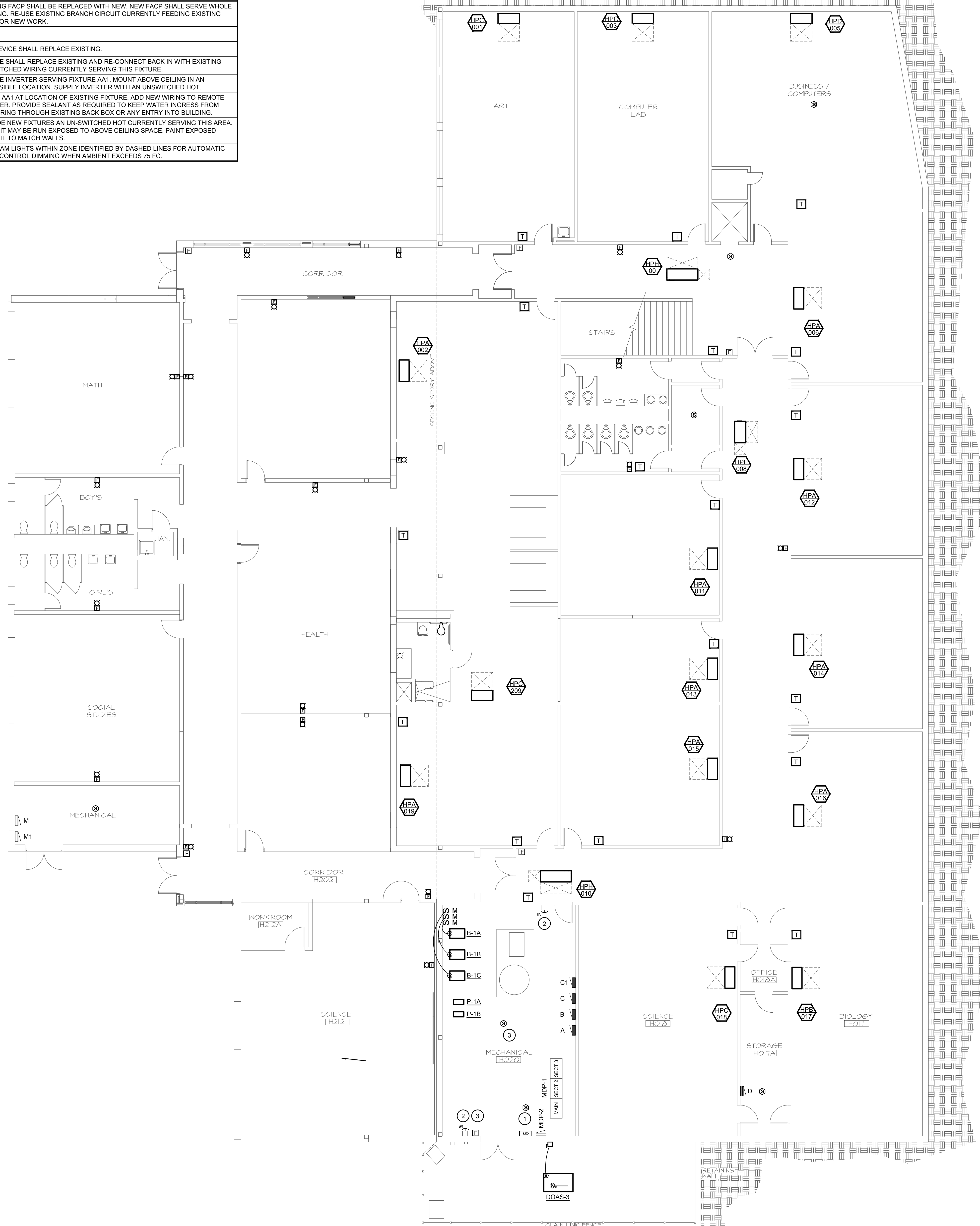
POWER AND SPECIAL SYSTEMS LOWER LEVEL FLOOR PLAN

SHEET NUMBER

E1.4



PROJECT NORTH
UPPER LEVEL LOFT/WORKROOM PLAN
SCALE: 1/8" = 1'-0"
(ABOVE MEDIA CENTER)



PROJECT NORTH
LOWER LEVEL FLOOR PLAN
SCALE: 1/8" = 1'-0"

LIGHTING FIXTURE SCHEDULE											
TYPE	MANUFACTURER	CATALOG NO.	LIGHT SOURCE	CCT	VOLTAGE	INPUT WATTS	MOUNTING	FINISH	REMARKS		NOTES
A1	LITHONIA LIGHTING OR EQUAL	2BLT4 60L ADP EP21 LP840 N100	LED, 6000 LUMENS	4000K	120	50	RECESSED	WHITE	2'x4' VOLUMETRIC TROFFER rLIGHT ENABLED 0-10V DIMMING TO 1%.		
A1E	LITHONIA LIGHTING OR EQUAL	2BLT4 60L ADP EP21 LP840 N100 EL14LSD	LED, 6000 LUMENS	4000K	120	50	RECESSED	WHITE	2'x4' VOLUMETRIC TROFFER rLIGHT ENABLED WITH 0-10V DIMMING TO 1% AND EMERGENCY BATTERY BACKUP.		A
A2	LITHONIA LIGHTING OR EQUAL	2BLT4 72L ADP EP21 LP840	LED, 7200 LUMENS	4000K	120	63	RECESSED	WHITE	2'x4' VOLUMETRIC TROFFER WITH 0-10V DIMMING TO 1%.		
A2E	LITHONIA LIGHTING OR EQUAL	2BLT4 72L ADP EP21 LP840 EL14LSD	LED, 7200 LUMENS	4000K	120	63	RECESSED	WHITE	2'x4' VOLUMETRIC TROFFER WITH 0-10V DIMMING TO 1% AND EMERGENCY BATTERY BACKUP.		A
A3	LITHONIA LIGHTING OR EQUAL	2BLT4 85L ADP EP21 LP840 N100	LED, 8500 LUMENS	4000K	120	75	RECESSED	WHITE	2'x4' VOLUMETRIC TROFFER rLIGHT ENABLED 0-10V DIMMING TO 1%.		
B1	LITHONIA LIGHTING OR EQUAL		LED, 4800 LUMENS	4000K	120	*	RECESSED	WHITE	2'x4' VOLUMETRIC TROFFER WITH 0-10V DIMMING TO 1% AND EMERGENCY BATTERY BACKUP.		A
C1	LUMINAIRE LED OR EQUAL	CLF7 4FT AL MIN10 50W 40K 120 CP ---	LED, 5000 LUMENS	4000K	120	50	SURFACE	ARCHITECT SHALL SELECT	4' LINEAR VANDAL RESISTANT LUMINAIRE WITH 0-10V DIMMING.		
C1E	LUMINAIRE LED OR EQUAL	CLF7 4FT AL MIN10 50W 40K 120 CP --- EMB310	LED, 5000 LUMENS	4000K	120	55	SURFACE	ARCHITECT SHALL SELECT	4' LINEAR VANDAL RESISTANT LUMINAIRE WITH 0-10V DIMMING AND EMERGENCY BATTERY BACKUP.		A
D1	LITHONIA LIGHTING OR EQUAL	CLX L48 5000LM SEF RDL MVOLT GZ10 40K 80CRI SPD	LED, 5000 LUMENS	4000K	120	36	PENDANT AT 8' A.F.F. U.O.N.	WHITE	4' STRIP LIGHT.		
E1	MARK LIGHTING OR EQUAL	MGL 48IN 9000LM 40K DARK 120 CCV	LED, 9000 LUMENS	4000K	120	95	RECESSED	WHITE	4' DIA. DOME LUMINAIRE WITH CONCAVE LENS AND 0-10V DIMMING.		
EX1	LITHONIA LIGHTING OR EQUAL	LQM S W 3 R MVOLT EL N SD	LED	RED	120	4	CEILING	WHITE	EXIT SIGN WITH EMERGENCY BATTER AND SELF TEST DIAGNOSTICS.		A, B
RH1	LITHONIA LIGHTING OR EQUAL	ERE GY T SQ WP	LED	-	SUPPLIED FROM EX1	-	WALL	GRAY	WEATHERPROOF REMOTE DUAL HEAD EMERGENCY LAMP.		
EM1	LITHONIA LIGHTING OR EQUAL	ELM6L UVOLT LTP	LED	-	120	10	WALL AT 7.5' A.F.F.	WHITE	DUAL HEAD EMERGENCY LIGHT		A
F1	MARK LIGHTING OR EQUAL	SL6L LOP 48' FLIP TG 80CRI 40K 900LMF MINI 120 ZT	LED, 38,400 LUMENS	4000K	120	390	RECESSED	WHITE	6" WIDE x 48" LONG LINEAR SLOT LUMINAIRE WITH 0-10V DIMMING.		
F2	MARK LIGHTING OR EQUAL	SL6L LOP 16' FLIP TG 80CRI 40K 900LMF MINI 120 ZT	LED, 12,400 LUMENS	4000K	120	130	RECESSED	WHITE	6" WIDE x 16" LONG LINEAR SLOT LUMINAIRE WITH 0-10V DIMMING.		
G1	LITHONIA LIGHTING OR EQUAL	65BPMW HI LED 40K 80CRI	LED, 950 LUMENS	4000K	120	18	RECESS INTO EXISTING CAN	WHITE	6" DIA. LED MODULE WITH 0-10V DIMMING TO 10%.		
G1H	LITHONIA LIGHTING OR EQUAL	65BPMW HI LED 40K 80CRI, L7XLED T24	LED, 950 LUMENS	4000K	120	18	RECESSED	WHITE	6" DIA. LED MODULE AND AIR TIGHT IC RATED HOUSING WITH 0-10V DIMMING TO 10%.		
AA1	LUMINAIRE LED OR EQUAL	AEL 36IN NODIM 15W 40K 120 DP BZH EMB20R AS PG	LED, 1300 LUMENS	4000K	120	20	WALL	BRONZE	EXTERIOR WALL PACK WITH REMOTE MOUNTED INVERTER AND SURFACE MOUNTED BACK BOX WITH PHOTOCCELL		A
BB1	SPI LIGHTING OR EQUAL	SEW12146 4 FT L29W --- RUN OAL 12"	LED, 6600 LUMENS	4000K	120	90	WALL 6" ABOVE SIGN	ARCHITECT SHALL SELECT	STEM MOUNTED 12' LINEAR ADJUSTABLE SIGN LIGHTER WITH 330 DEGREES OF ROTATION AND LOCK CAPABILITY.		C
CC1	LITHONIA LIGHTING OR EQUAL	*	LED, LUMENS	4000K	120	*	WALL	ARCHITECT SHALL SELECT	AREA LIGHT		

2. PRIOR LIGHT FIXTURES MANUFACTURERS THAT ARE CONSIDERED AS EQUALS FOR GENERAL LIGHTING REQUIREMENTS ARE:
A. EATON LIGHTING AND SUB-PRODUCT LINES AS SUPPLIED BY ENGINEERED LIGHTING SALES.
H. HUBBELL LIGHTING AND SUB-PRODUCT LINES AS SUPPLIED BY LUMINATION.
C. ACUTY BRAND AND SUB-PRODUCT LINES AS SUPPLIED BY LHM LIGHTING SALES.
A. LIGHT FIXTURES SHALL BE SUBJECT TO SHOP DRAWING REVIEW BY ARCHITECT AND ENGINEER FOR ACCEPTANCE AS TO ENERGY EFFICIENCY, APPEARANCE, STYLE, PERFORMANCE, AND OVER ALL SERVICEABILITY.

A. PROVIDE FIXTURE WITH UNSWITCHED HOT FOR EMERGENCY BATTERY.

B. CONTRACTOR SHALL COORDINATE AND/OR FIELD ADJUST DIRECTIONAL CHEVRONS OF ALL EXIT SIGNS TO MATCH DIRECTIONAL ARROWS INDICATED ON PLANS.

C. LOCATE REMOTE POWER SUPPLY IN ACCESSIBLE LOCATION ABOVE RESTROOM CEILING. E.C. SHALL FIELD ADJUST ROTATION OF FIXTURE TO ACHIEVE OPTIMAL DISPERSION OF LIGHT ACROSS SIGN FACE.

LIGHTING CONTROL NARRATIVE															500 PROP. P WWW.M COP-1000		
ROOM NUMBER	ROOM TITLE	MANUAL ON	MANUAL OFF	DIMMING	REMOTE OVERRIDE SWITCH	MULTI ZONE / SCENE	KEY SWITCH	TIME CLOCK ON	TIME CLOCK OFF	OCCUPANCY SENSOR ON	OCCUPANCY SENSOR OFF	INTERIOR PHOTOCONTROL DIMMING	EXTERIOR PHOTOCELL ON/OFF	RECEPTACLE PLUG LOAD SWITCHING	WIRING DIAGRAM REFERENCE	SEQUENCE OF OPERATIONS	NOTES
TYP.	CLASSROOMS WITH WINDOWS	X		X		X					X	X			MANUF.	1	
TYP.	CLASSROOMS WITHOUT WINDOWS	X		X		X					X				MANUF.	2	
TYP.	RESTROOMS									X	X				MANUF.	3	INTERLOCK EXHAUST FAN CONTROL WITH LIGHTING CONTROL.
TYP.	CORRIDORS			X			X	X	X		X				MANUF.	4	PROGRAM WALL SWITCHES FOR 3-WAY OPERATION.
TYP.	MECHANICAL / ELECTRICAL ROOMS	X	X												MANUF.	-	STANDARD WALL SWITCH.
TYP.	STORAGE	X									X				MANUF.	5	PROGRAM WALL SWITCHES FOR 3-WAY OPERATION.
TYP.	OFFICES	X		X							X				MANUF.	6	PROGRAM WALL SWITCHES FOR 3-WAY OPERATION AS REQUIRED.
102	TECH RM.	X	X												MANUF.	-	STANDARD WALL SWITCH.
103	VAULT	X		X							X				MANUF.	2	
107	LOUNGE	X		X							X				MANUF.	2	PROGRAM WALL SWITCHES FOR 3-WAY OPERATION.
115	CLOSET	X	X												MANUF.	-	STANDARD WALL SWITCH.
118	CONF. ROOM	X		X							X	X			MANUF.	1	
D	ENTRY			X								X			MANUF.	6	
	EXTERIOR LIGHTS												X		MANUF.	-	

1. MANUAL ON: Occupant enters turns lights on manually at wall switch. OCCUPANCY SENSOR OFF: All lights automatically shut off 20 minutes after all occupants exit. MULTI ZONE / SCENE DIMMING: Scenes may be programmed or individual zones may be control dimmed from the wall switch. PHOTOCONTROL DIMMING: Lights within zone automatically dim when ambient exceeds 50 f.c.U.O.N.
2. MANUAL ON: Occupant enters turns lights on manually at wall switch. OCCUPANCY SENSOR OFF: All lights automatically shut off 20 minutes after all occupants exit. MULTI ZONE / SCENE DIMMING: Scenes may be programmed or individual zones may be control dimmed from the wall switch.
3. OCCUPANCY SENSOR ON: Occupant enters lights turn on automatically. OCCUPANCY SENSOR OFF: All lights automatically shut off 20 minutes after all occupants exit.
4. SCHOOL HOURS - TIME CLOCK ON: Lights turn on automatically one hour prior to normal school hours. TIME CLOCK OFF: Lights automatically shut off 1 hour after normal school hours. Contractor shall coordinate with owner regarding school hours to determine programming. AFTER SCHOOL HOURS - KEYED SWITCH ON: Occupant turns lights on manually at keyed switch. OCCUPANCY SENSOR OFF: All lights automatically shut off 20 minutes after all occupants exit. DIMMING: lights can be program dimmed if required.
5. MANUAL ON: Occupant enters turns lights on manually at wall switch. OCCUPANCY SENSOR OFF: All lights automatically shut off 20 minutes after all occupants exit.
6. MANUAL ON: Occupant enters turns lights on manually at wall switch. OCCUPANCY SENSOR OFF: All lights automatically shut off 20 minutes after all occupants exit. DIMMING: Occupant may dim lights at wall switch.
- 7.

DAWSON SPRINGS INDEPENDENT SCHOOLS DAWSON SPRINGS HIGH SCHOOL DAWSON SPRINGS, KENTUCKY ELECTRICAL SCHEDULES		RBS DESIGN GROUP Architecture 723 Beyond Drive, Oneida, NY 13621 Tel: 315-733-8888 Fax: 315-733-8888 E-Mail: office@rbsdesigngroup.com		RBS DESIGN GROUP Architecture 723 Beyond Drive, Oneida, NY 13621 Tel: 315-733-8888 Fax: 315-733-8888 E-Mail: office@rbsdesigngroup.com	
SHEET NUMBER: E5.1		JOB NUMBER 20594		RBS DESIGN GROUP Architecture 723 Beyond Drive, Oneida, NY 13621 Tel: 315-733-8888 Fax: 315-733-8888 E-Mail: office@rbsdesigngroup.com	
REVISIONS		JOB NUMBER 20594		RBS DESIGN GROUP Architecture 723 Beyond Drive, Oneida, NY 13621 Tel: 315-733-8888 Fax: 315-733-8888 E-Mail: office@rbsdesigngroup.com	
NO. DATE		DRAWN BY GM		RBS DESIGN GROUP Architecture 723 Beyond Drive, Oneida, NY 13621 Tel: 315-733-8888 Fax: 315-733-8888 E-Mail: office@rbsdesigngroup.com	
CHECKED BY DKU		DATE JULY 16, 2021		RBS DESIGN GROUP Architecture 723 Beyond Drive, Oneida, NY 13621 Tel: 315-733-8888 Fax: 315-733-8888 E-Mail: office@rbsdesigngroup.com	