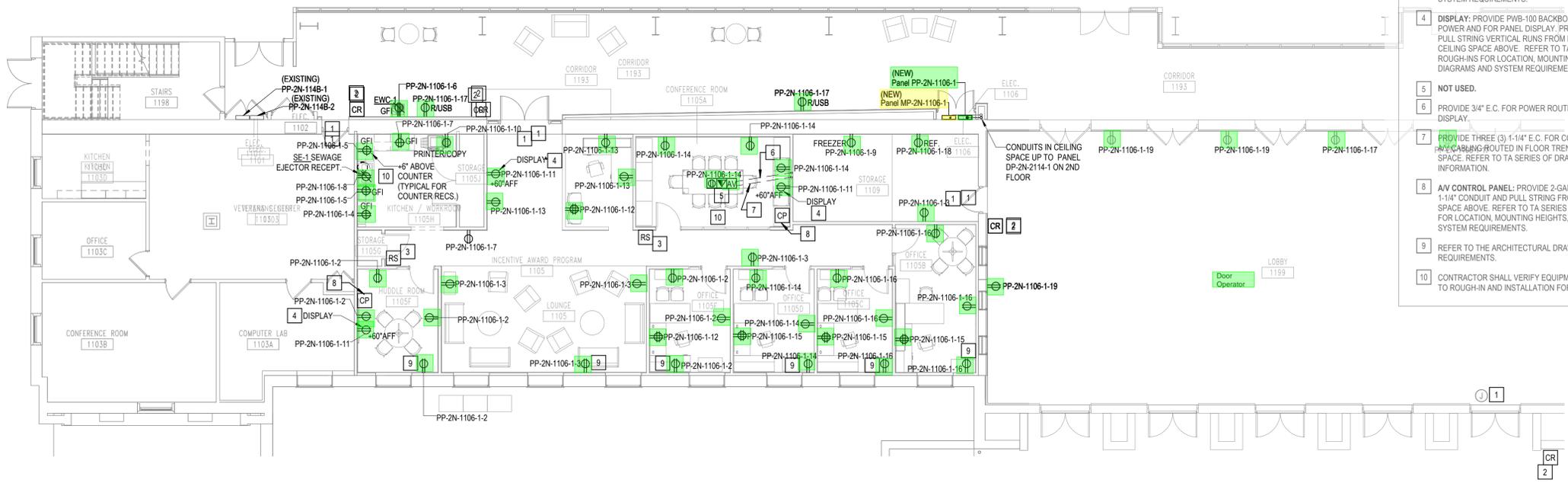


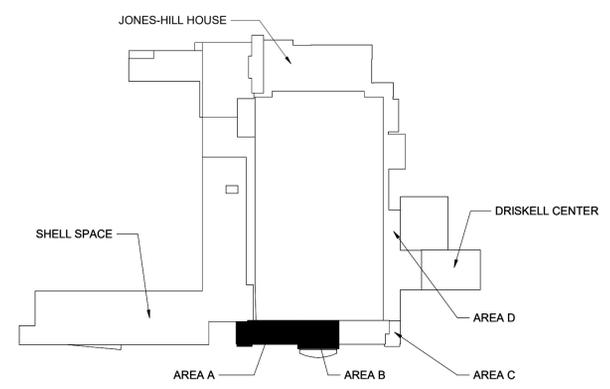
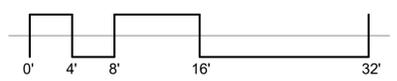
HEAD HOUSE IMPACT FLOOR PLANS

DP-4N-2100-1 DP-2N-2189-1 DP-2N-2189-1 DP-2N-1131-1 DP-2N-1131-1



- ### DRAWING NOTES
- JUNCTION BOX FOR CONNECTION TO SECURITY ENTRY SYSTEM EQUIPMENT. CONTRACTOR SHALL COORDINATE ALL SECURITY EQUIPMENT REQUIREMENTS SECURITY CONSULTANT. CONTRACTOR SHALL PROVIDE ALL CONDUIT, WIRING AND ACCESSORIES REQUIRED FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM. REFER TO TA SERIES DRAWINGS PRIOR TO ROUGH-INS FOR LOCATION, MOUNTING HEIGHTS, CONNECTION DIAGRAMS AND SYSTEM REQUIREMENTS.
 - KEY FOB READER: PROVIDE A JUNCTION BOX AT MOUNTING HEIGHT REQUIRED BY THE SECURITY CONTRACTOR. COORDINATE ALL ELECTRICAL REQUIREMENTS WITH SECURITY VENDOR. CONNECTION, WIRING, LOCATION, VOLTAGE TRANSFORMER (AS REQUIRED). CONTRACTOR SHALL PROVIDE ALL CONDUIT, WIRING AND ACCESSORIES REQUIRED FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM. REFER TO TA SERIES DRAWINGS PRIOR TO ROUGH-INS FOR LOCATION, MOUNTING HEIGHTS, CONNECTION DIAGRAMS AND SYSTEM REQUIREMENTS.
 - ROOM SCHEDULER: PROVIDE 2-GANG BOX AT SWITCH HEIGHT. EXTEND 1-1/4" CONDUIT AND PULL STRING FROM BOX UP TO ACCESSIBLE CEILING SPACE ABOVE. REFER TO TA SERIES DRAWINGS PRIOR TO ROUGH-INS FOR LOCATION, MOUNTING HEIGHTS, CONNECTION DIAGRAMS AND SYSTEM REQUIREMENTS.
 - DISPLAY: PROVIDE PWB-100 BACKBOX WITH DUPLEX RECEPTACLE FOR POWER AND FOR PANEL DISPLAY. PROVIDE TWO 1-1/4" CONDUIT AND PULL STRING VERTICAL RUNS FROM BOX STUBBED UP 6" IN ACCESSIBLE CEILING SPACE ABOVE. REFER TO TA SERIES DRAWINGS PRIOR TO ROUGH-INS FOR LOCATION, MOUNTING HEIGHTS, CONNECTION DIAGRAMS AND SYSTEM REQUIREMENTS.
 - NOT USED.
 - PROVIDE 3/4" E.C. FOR POWER ROUTED IN FLOOR TRENCH UP TO PANEL DISPLAY.
 - PROVIDE THREE (3) 1-1/4" E.C. FOR COMMUNICATION VOICE DATA AND DATA CABLING ROUTED IN FLOOR TRENCH UP TO PANEL DISPLAY IN THIS SPACE. REFER TO TA SERIES OF DRAWINGS FOR ADDITIONAL INFORMATION.
 - AV CONTROL PANEL: PROVIDE 2-GANG BOX AT SWITCH HEIGHT. EXTEND 1-1/4" CONDUIT AND PULL STRING FROM BOX UP TO ACCESSIBLE CEILING SPACE ABOVE. REFER TO TA SERIES DRAWINGS PRIOR TO ROUGH-INS FOR LOCATION, MOUNTING HEIGHTS, CONNECTION DIAGRAMS AND SYSTEM REQUIREMENTS.
 - REFER TO THE ARCHITECTURAL DRAWINGS FOR DEVICE MOUNTING REQUIREMENTS.
 - CONTRACTOR SHALL VERIFY EQUIPMENT NEMA CONFIGURATIONS PRIOR TO ROUGH-IN AND INSTALLATION FOR OUTLETS.

1 ENLARGED FIRST FLOOR - PLAN A & B - POWER
SCALE: 1/8" = 1'-0"



KEY PLAN - AREA A & B

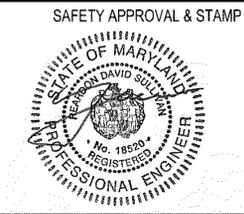


BUILDING NAME
COLE STUDENT ACTIVITIES BUILDING

BUILDING NUMBER
162

PROJECT NAME
RENOVATION TO COLE HEAD HOUSE AND CULTURAL CENTER FIT OUT

4090 UNION DRIVE
COLLEGE PARK, MD 20742



APPROVALS

CUSTOMER	DATE	
CUSTOMER	DATE	
CAMPUS PROJECTS	DATE	
#	SUBMISSION	DATE
1	SCHEMATIC DESIGN	8/26/2022
2	DESIGN DEVELOPMENT	12/20/2022
3	50% CD	5/24/2023
4	95% CD	8/15/2023
5	95% CD - BID PACKAGE 2	10/16/2023
6	100% CD - BID PACKAGE 2	1/30/2024
7	BID SET - BID PACKAGE 2	3/6/2024

PROJECT NO. FM22-11314
PROJECT NO. FM22-11549

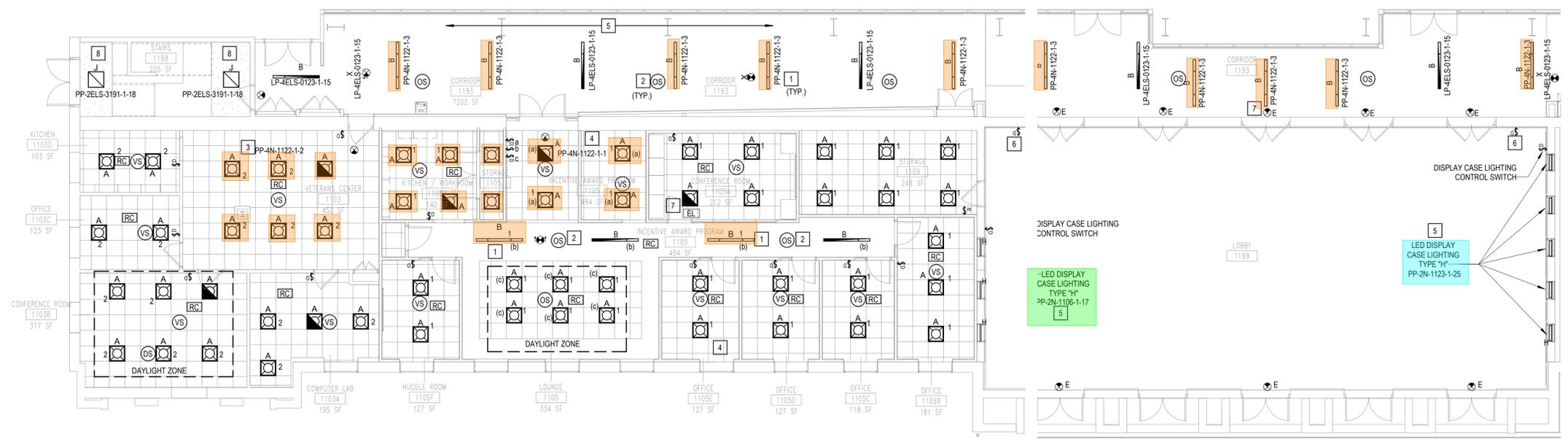
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DRAWING TITLE
FIRST FLOOR ENLARGED PLAN - A & B - POWER

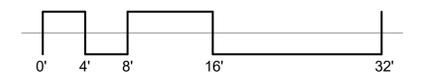
sheet no. **E-101.1**

HEAD HOUSE IMPACT FLOOR PLANS

DP-4N-2100-1 DP-2N-2189-1 DP-2N-2189-1 DP-2N-1131-1 DP-2N-1131-1



1 ENLARGED FIRST FLOOR - PLAN A & B - LIGHTING
SCALE: 1/8" = 1'-0"



DRAWING NOTES

- 1 PENDANT HUNG AT 9 FT AFF (TYPICAL) FOR LIGHTING FIXTURE TYPE "B" IN THIS AREA.
- 2 CONTROL SENSOR PENDANT MOUNTED EVENLY TO THE BOTTOM HEIGHT OF THE FIXTURE TYPE "B" IN THIS AREA.
- 3 ALL NORMAL POWERED LIGHT FIXTURES IN THE VETERANS CENTER 1103 SHALL BE CONNECTED TO PANEL PP-4N-1122-1, CIRCUIT 2. EMERGENCY EXIT SIGNS AND LIGHTING SHALL BE CONNECTED TO BUILDING EMERGENCY LP-4ELS-0123-15.
- 4 UTILIZES EXISTING LIGHTING FIXTURES INSTALLED FOR TEMPORARY EGRESS LIGHTING. PROVIDE A SINGLE POLE LIGHTING CONTROLS SWITCH A LOCATION AS DETERMINED BY THE ARCHITECT/ OR UNIVERSITY. FIELD COORDINATE NEW LIGHTING CIRCUIT LAYOUT AND UTILIZE SPARE 1P, 20A CIRCUIT BREAKER IN EXISTING 120V PANEL FOR POWER FEED.
- 5 CONNECT TO EXISTING COMMON AREA 120V RECEPTACLE BRANCH CIRCUITRY. FIXTURE DRIVER SHALL BE INSTALLED IN ACCESSIBLE SPACE NEAR DISPLAY CASE. FIELD COORDINATE DISPLAY CASE LIGHTING CONTROL WITH ARCHITECT PRIOR TO INSTALLATION.
- 6 LIGHTING CONTROL DIMMER SWITCH LOCATION FOR LOBBY AREA LIGHTING FIXTURES ABOVE.
- 7 ALL EMERGENCY EXIT SIGNS SHALL BE CONNECTED TO BUILDING EMERGENCY LP-4ELS-0123-15 IN THIS AREA.
- 8 CONNECT LIGHT FIXTURE TO EMERGENCY CIRCUIT AS INDICATED. CONTRACTOR SHALL VERIFY LIGHT FIXTURES ARE CONNECTED TO NORMAL POWER PRIOR TO CONNECTING LIGHTS TO EMERGENCY POWER. REFER TO DRAWING ED-102 FOR ADDITIONAL INFORMATION.

LIGHTING CONTROL SEQUENCE OF OPERATION

PUBLIC AREA LOBBIES AND CORRIDORS:
AREAS WILL BE CONTROLLED BY THE OCCUPANCY SENSORS AND TIME CLOCK.
ON: LIGHTS AUTOMATICALLY TURN ON AT A PREDETERMINED TIME PROVIDED BY THE UNIVERSITY.
OFF: LIGHTS AUTOMATICALLY TURN OFF AT PREDETERMINED TIME PROVIDED BY THE UNIVERSITY. A FLASH WARNING OCCURS 15-MINUTES PRIOR TO LIGHTS TURNING OFF.
CEILING MOUNTED OCCUPANCY SENSORS WILL OPERATE DURING "OFF" HOURS TO KEEP LIGHTS ON CONTINUOUSLY DURING HOURS OF OPERATION.
OCCUPANCY SENSORS WILL BE OVERRIDDEN BY THE LIGHTING CONTROL SYSTEM TO KEEP LIGHTS ON CONTINUOUSLY DURING HOURS OF OPERATION.
OPEN AREA DAYLIGHT CONTROLS WILL OPERATE TO MAINTAIN 30 FOOTCANDLES AT DESK HEIGHT AND WILL TURN OFF ARTIFICIAL LIGHTS WHEN NATURAL LIGHT CAN SATISFY THE LIGHTING LEVEL REQUIREMENT.

CLASSROOMS, CONFERENCE ROOMS, MEETING ROOMS, PRIVATE OFFICES AND ENCLOSED ROOMS:
AREAS TO BE CONTROLLED BY CEILING MOUNTED VACANCY SENSORS WITH DIMMER CONTROL SWITCH.
ON: LIGHTS AUTOMATICALLY TURN ON 100% VIA VACANCY SENSORS.
ADJUSTMENT: THE USER CAN MANUALLY ADJUST LIGHT LEVELS USING THE WALL MOUNTED DIMMER SWITCH.
OFF: LIGHTS AUTOMATICALLY TURN OFF AFTER 20 MINUTES OF INACTIVITY OR LOCAL DIMMER SWITCH.

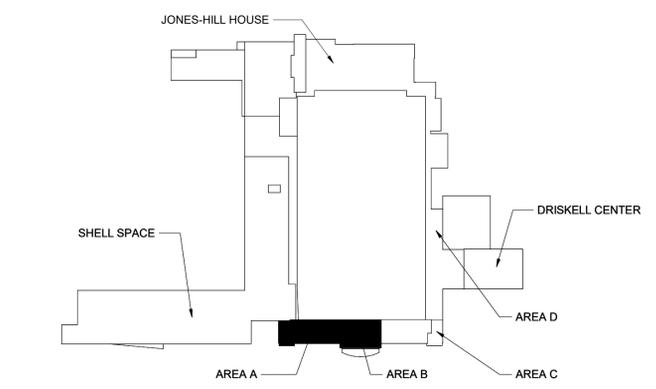
HOUSEKEEPING ROOMS, STORAGE ROOMS, MECHANICAL ROOMS, SECURITY CLOSETS AND DATA CLOSETS:
AREAS TO BE CONTROLLED BY A WALL MOUNTED CONTROL TIME SWITCH.
ON/OFF: TIME SWITCH THAT COUNTS DOWN THE TIME REMAINING AND FLASH PRIOR TO TURNING OFF.

INTERIOR OFFICE COMMON AREAS AND COMPUTER LABS:
CONTROLLED BY CEILING MOUNTED VACANCY SENSORS AND WALL MOUNTED DIMMER SWITCH.
ON: LIGHTS AUTOMATICALLY TURN ON TO 100% VIA VACANCY SENSORS.
MAN/WALL MOUNTED DIMMER SWITCHES ALLOWS LIGHTING LEVELS TO BE ADJUSTED AS REQUIRED.
OFF: LIGHTS AUTOMATICALLY TURN OFF VIA CEILING MOUNTED SENSORS AFTER 20 MINUTES OF INACTIVITY.

PUBLIC RESTROOMS:
AREAS TO BE CONTROLLED BY A CEILING MOUNTED OCCUPANCY SENSOR WITH OVERRIDE SWITCH. (AUTO ON/AUTO OFF)
ON: LIGHTS ARE AUTOMATICALLY TURNED ON TO 100% VIA CEILING MOUNTED OCCUPANCY SENSOR.
OFF: LIGHTS AUTOMATICALLY TURN OFF AFTER 20 MINUTES OF INACTIVITY OR LOCAL OVERRIDE SWITCH.

DAYLIGHT CONTROLS: (AREAS OVER 150WATTS)
ALL AREAS WITHIN 15 FEET OF EXTERIOR WINDOWS SHALL HAVE DAYLIGHT CONTROLS THAT FUNCTION AS FOLLOWS:
ONCE THE LIGHTS ARE MANUALLY TURNED ON (ENCLOSED ROOMS) OR AUTOMATICALLY TURNED ON (OPEN OFFICE AREAS, CORRIDORS AND LOBBY SPACES) TO 100%, THE DAYLIGHT SENSOR WILL DIM OR TURNED OFF THE ARTIFICIAL LIGHTING WHEN THE NATURAL DAYLIGHT CAN MAINTAIN 30 FOOT-CANDLES ON THE WORK SURFACE.
THE DAYLIGHT SENSOR CAN BE OVERRIDDEN BY THE WALL MOUNTED, MANUAL CONTROLS.

LIGHTING CONTROL SYSTEM REQUIREMENTS:
VACANCY SENSORS, LIGHTING CONTROL POWER PACKS, RECEPTACLE CONTROL POWER PACKS AND MANUAL DIMMING CONTROL STATIONS IN PRIVATE OFFICES AND ENCLOSED ROOMS WILL BE STANDALONE SYSTEMS.
CORRIDOR AND OPEN OFFICE AREA LIGHTING CIRCUITRY SHALL BE ROUTED THROUGH LIGHTING CONTROL RELAY PANELS COMPLETE WITH RELAYS, TIME OF DAY CLOCK AND OCCUPANCY SENSOR OVERRIDE FUNCTIONS.
PROVIDE ALL DEVICES, COMPONENTS, WIRING, CONDUIT, INTERCONNECTIONS AND ACCESSORIES AS REQUIRED FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
MANUAL OVERRIDE SWITCHES SHALL BE PROVIDED FOR THE MAIN LOBBY AREA TO OVERRIDE TIME-OF-DAY SETTINGS AND DAYLIGHT CONTROLS AND SHALL BE GANGED TOGETHER IN A COMMON LOCATION. FIELD COORDINATE EXACT LOCATIONS OF OVERRIDE SWITCHES WITH THE UMCP.
EMERGENCY EGRESS LIGHTING SHALL NOT BE ROUTED THROUGH LIGHTING CONTROLS.



KEY PLAN - AREA A & B
SCALE: 1" = 160'-0"



BUILDING NAME
COLE STUDENT ACTIVITIES BUILDING

BUILDING NUMBER
162

PROJECT NAME
RENOVATION TO COLE HEAD HOUSE AND CULTURAL CENTER FIT OUT

4090 UNION DRIVE
COLLEGE PARK, MD 20742



APPROVALS

CUSTOMER DATE

CUSTOMER DATE

CAMPUS PROJECTS

#	SUBMISSION	DATE
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4	95% CD	8/15/2023
5	95% CD - BID PACKAGE 2	10/16/2023
6	100% CD - BID PACKAGE 2	1/30/2024
7	BID SET - BID PACKAGE 2	3/6/2024

PROJECT NO. FM22-11314
PROJECT NO. FM22-11549

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DRAWING TITLE

FIRST FLOOR ENLARGED PLAN - A & B - LIGHTING

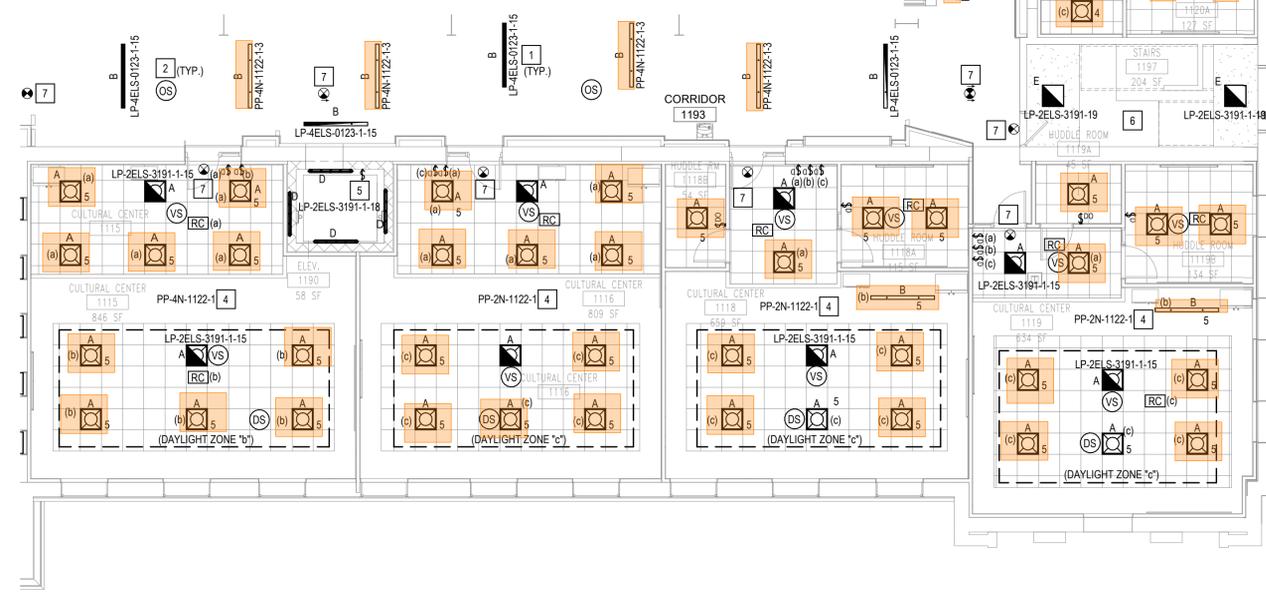
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E-201.1

HEAD HOUSE IMPACT FLOOR PLANS

- DP-4N-2100-1
- DP-2N-2189-1
- DP-2N-2189-1
- DP-2N-1131-1
- DP-2N-1131-1

DRAWING NOTES

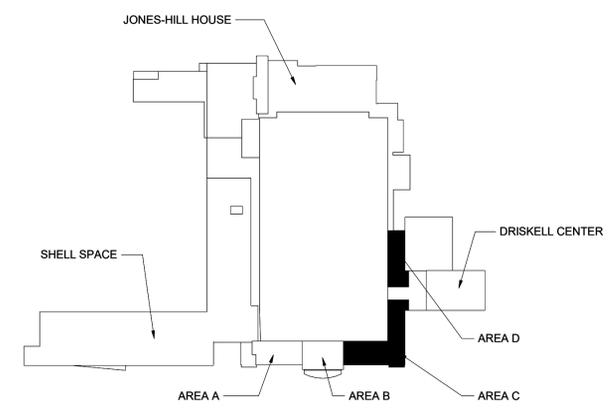
- 1 PENDANT HUNG AT 9 FT AFF (TYPICAL) FOR LIGHTING FIXTURE TYPE "B" IN THIS AREA.
- 2 CONTROL SENSOR PENDANT MOUNTED EVENLY TO THE BOTTOM HEIGHT OF THE FIXTURE TYPE "B" IN THIS AREA.
- 3 UTILIZES EXISTING LIGHTING FIXTURES INSTALLED FOR TEMPORARY EGRESS LIGHTING. PROVIDE A SINGLE POLE LIGHTING CONTROLS SWITCH A LOCATION AS DETERMINED BY THE ARCHITECT OR UNIVERSITY. FIELD COORDINATE NEW LIGHTING CIRCUIT LAYOUT AND UTILIZE SPARE 1P, 20A CIRCUIT BREAKER IN EXISTING 120V PANEL FOR POWER FEED.
- 4 NOT USED.
- 5 LOCATE LIGHT IN PIT OF ELEVATOR SHAFT AND SWITCH ON SHAFT WALL AS DIRECTED BY ELEVATOR MANUFACTURER.
- 6 NOT USED.
- 7 CONNECT TO EXISTING COMMON AREA FLOOR NORMAL POWERED LIGHTING CIRCUITRY LP-4M-CO08-1 MODIFY EXISTING CIRCUITRY AS NECESSARY. RUN #12 IN 3/4" CONDUIT TO LIGHTS AS SHOWN.
- 8 CONNECT TO EXISTING COMMON AREA FLOOR EMERGENCY POWERED LIGHTING CIRCUITRY LP-4ELS-0123-1-13. MODIFY EXISTING CIRCUITRY AS NECESSARY. RUN 2 #12 IN 3/4" CONDUIT TO LIGHTS AS SHOWN.
- 9 ALL EMERGENCY EXIT SIGNS SHALL BE CONNECTED TO BUILDING EMERGENCY LP-4ELS-0123-15 IN THIS AREA.
- 10 CONNECT LIGHT FIXTURE TO EMERGENCY CIRCUIT AS INDICATED. CONTRACTOR SHALL VERIFY LIGHT FIXTURES ARE CONNECTED TO NORMAL POWER PRIOR TO CONNECTING LIGHTS TO EMERGENCY POWER.
- 11 CONTRACTOR SHALL RE-INSTALL LIGHTS IN THE NEW ACT CEILING IN THEIR EXISTING LOCATIONS. REFER TO DRAWING ED-101 AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.



ENLARGED FIRST FLOOR - PLAN C - LIGHTING
SCALE: 1/8" = 1'-0"



ENLARGED FIRST FLOOR - PLAN D - LIGHTING
SCALE: 1/8" = 1'-0"



KEY PLAN - AREAS C & D

LIGHTING CONTROL SEQUENCE OF OPERATION

PUBLIC AREA LOBBIES AND CORRIDORS:

AREAS WILL BE CONTROLLED BY THE OCCUPANCY SENSORS AND TIME CLOCK.

ON: LIGHTS AUTOMATICALLY TURN ON AT A PREDETERMINED TIME PROVIDED BY THE UNIVERSITY.

OFF: LIGHTS AUTOMATICALLY TURN OFF AT PREDETERMINED TIME PROVIDED BY THE UNIVERSITY. A FLASH WARNING OCCURS 15-MINUTES PRIOR TO LIGHTS TURNING OFF.

CEILING MOUNTED OCCUPANCY SENSORS WILL OPERATE DURING "OFF" HOURS TO AUTOMATICALLY TURN LIGHTS ON.

OCCUPANCY SENSORS WILL BE OVERRIDDEN BY THE LIGHTING CONTROL SYSTEM TO KEEP LIGHTS ON CONTINUOUSLY DURING HOURS OF OPERATION.

OPEN AREA DAYLIGHT CONTROLS WILL OPERATE TO MAINTAIN 30 FOOT-CANDLES AT DESK HEIGHT AND WILL TURN OFF ARTIFICIAL LIGHTS WHEN NATURAL LIGHT CAN SATISFY THE LIGHTING LEVEL REQUIREMENT.

CLASSROOMS, CONFERENCE ROOMS, MEETING ROOMS, PRIVATE OFFICES AND ENCLOSED ROOMS:

AREAS TO BE ARE CONTROLLED BY CEILING MOUNTED VACANCY SENSORS WITH DIMMER CONTROL SWITCH.

ON: LIGHTS AUTOMATICALLY TURN ON 100% VIA VACANCY SENSORS.

ADJUSTMENT: THE USER CAN MANUALLY ADJUST LIGHT LEVELS USING THE WALL MOUNTED DIMMER SWITCH.

OFF: LIGHTS AUTOMATICALLY TURN OFF AFTER 20 MINUTES OF INACTIVITY OR LOCAL DIMMER SWITCH.

HOUSEKEEPING ROOMS, STORAGE ROOMS, MECHANICAL ROOMS, SECURITY CLOSETS AND DATA CLOSETS:

AREAS TO BE CONTROLLED BY A WALL MOUNTED CONTROL TIME SWITCH.

ON/OFF: TIME SWITCH THAT COUNTS DOWN THE TIME REMAINING AND FLASH PRIOR TO TURNING OFF.

INTERIOR OFFICE COMMON AREAS AND COMPUTER LABS:

CONTROLLED BY CEILING MOUNTED VACANCY SENSORS AND WALL MOUNTED DIMMER SWITCH.

ON: LIGHTS AUTOMATICALLY TURN ON TO 100% VIA VACANCY SENSORS.

MAN-WALL MOUNTED DIMMER SWITCHES ALLOWS LIGHTING LEVELS TO BE ADJUSTED AS REQUIRED.

OFF: LIGHTS AUTOMATICALLY TURN OFF VIA CEILING MOUNTED SENSORS AFTER 20 MINUTES OF INACTIVITY.

PUBLIC RESTROOMS:

AREAS TO BE CONTROLLED BY A CEILING MOUNTED OCCUPANCY SENSOR WITH OVERRIDE SWITCH. (AUTO ON / AUTO OFF)

ON: LIGHTS ARE AUTOMATICALLY TURNED ON TO 100% VIA CEILING MOUNTED OCCUPANCY SENSOR.

OFF: LIGHTS AUTOMATICALLY TURN OFF AFTER 20 MINUTES OF INACTIVITY OR LOCAL OVERRIDE SWITCH.

DAYLIGHT CONTROLS: (AREAS OVER 150WATTS)

ALL AREAS WITHIN 15 FEET OF EXTERIOR WINDOWS SHALL HAVE DAYLIGHT CONTROLS THAT FUNCTION AS FOLLOWS:

ONCE THE LIGHTS ARE MANUALLY TURNED ON (ENCLOSED ROOMS) OR AUTOMATICALLY TURNED ON (OPEN OFFICE AREAS, CORRIDORS AND LOBBY SPACES) TO 100%, THE DAYLIGHT SENSOR WILL DIM OR TURNED OFF THE ARTIFICIAL LIGHTING WHEN THE NATURAL DAYLIGHT CAN MAINTAIN 30 FOOT-CANDLES ON THE WORK SURFACE.

THE DAYLIGHT SENSOR CAN BE OVERRIDDEN BY THE WALL MOUNTED, MANUAL CONTROLS.

LIGHTING CONTROL SYSTEM REQUIREMENTS:

VACANCY SENSORS, LIGHTING CONTROL POWER PACKS, RECEPTACLE CONTROL POWER PACKS AND MANUAL DIMMING CONTROL STATIONS IN PRIVATE OFFICES AND ENCLOSED ROOMS WILL BE STANDALONE SYSTEMS.

CORRIDOR AND OPEN OFFICE AREA LIGHTING CIRCUITRY SHALL BE ROUTED THROUGH LIGHTING CONTROL RELAY PANELS COMPLETE WITH RELAYS, TIME OF DAY CLOCK AND OCCUPANCY SENSOR OVERRIDE FUNCTIONS.

PROVIDE ALL DEVICES, COMPONENTS, WIRING, CONDUIT, INTERCONNECTIONS AND ACCESSORIES AS REQUIRED FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.

MANUAL OVERRIDE SWITCHES SHALL BE PROVIDED FOR THE MAIN LOBBY AREA TO OVERRIDE TIME-OF DAY SETTINGS AND DAYLIGHT CONTROLS AND SHALL BE GANGED TOGETHER IN A COMMON LOCATION. FIELD COORDINATE EXACT LOCATIONS OF OVERRIDE SWITCHES WITH THE UMCP.

EMERGENCY EGRESS LIGHTING SHALL NOT BE ROUTED THROUGH LIGHTING CONTROLS.

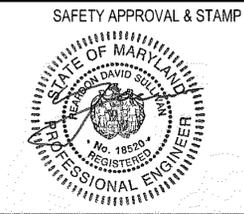


BUILDING NAME
COLE STUDENT ACTIVITIES BUILDING

BUILDING NUMBER
162

PROJECT NAME
RENOVATION TO COLE HEAD HOUSE AND CULTURAL CENTER FIT OUT

4090 UNION DRIVE
COLLEGE PARK, MD 20742



APPROVALS

CUSTOMER DATE

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7	BID SET - BID PACKAGE 2	3/6/2024

PROJECT NO. FM22-11314
PROJECT NO. FM22-11549

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DRAWING TITLE
FIRST FLOOR ENLARGED PLANS C & D - LIGHTING

sheet no. **E-201.2**

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HEAD HOUSE IMPACT FLOOR PLANS

DP-4N-2100-1 DP-2N-2189-1 DP-2N-2189-1 DP-2N-1131-1 DP-2N-1131-1

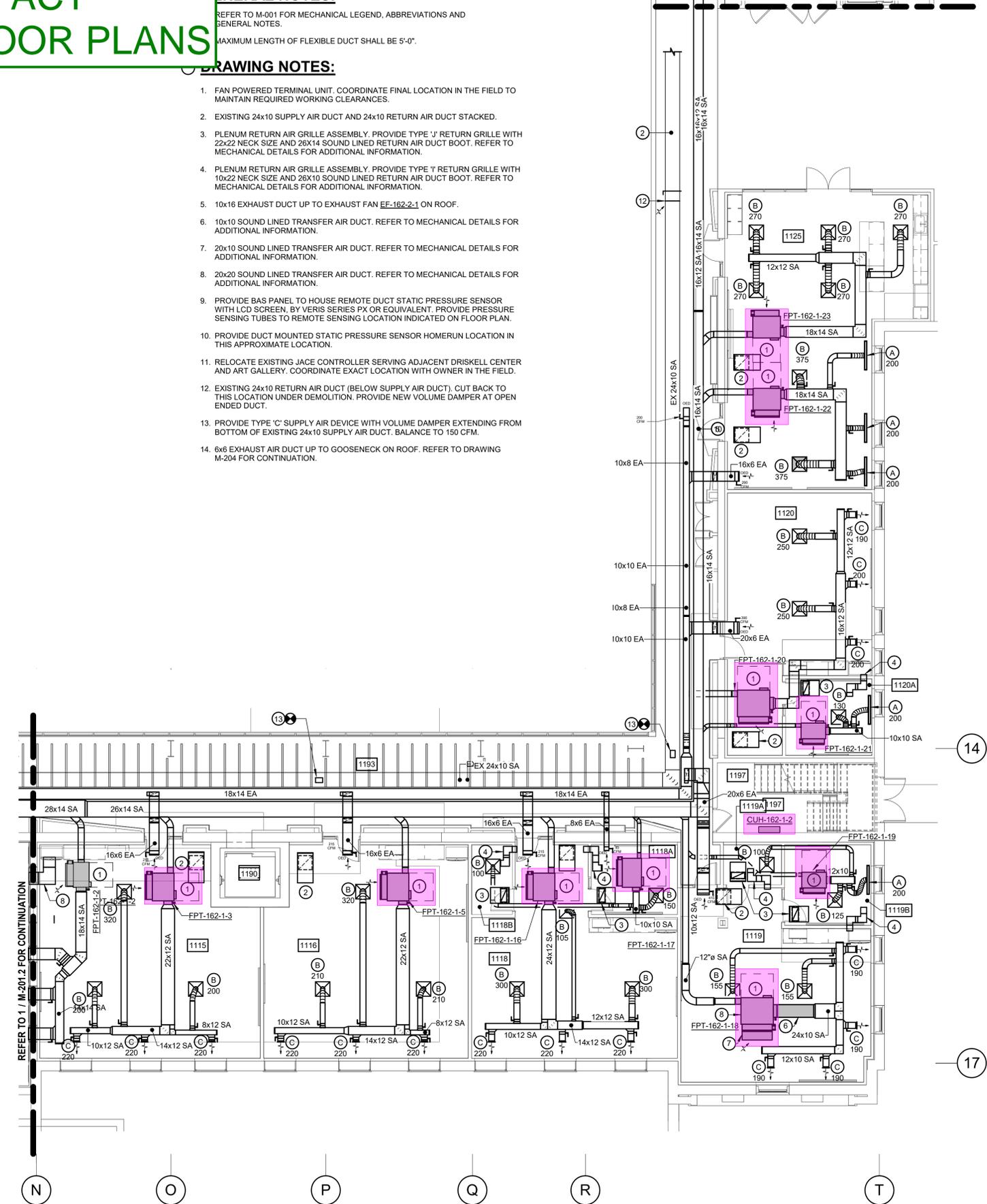
GENERAL NOTES:

REFER TO M-001 FOR MECHANICAL LEGEND, ABBREVIATIONS AND GENERAL NOTES.
MAXIMUM LENGTH OF FLEXIBLE DUCT SHALL BE 5'-0".

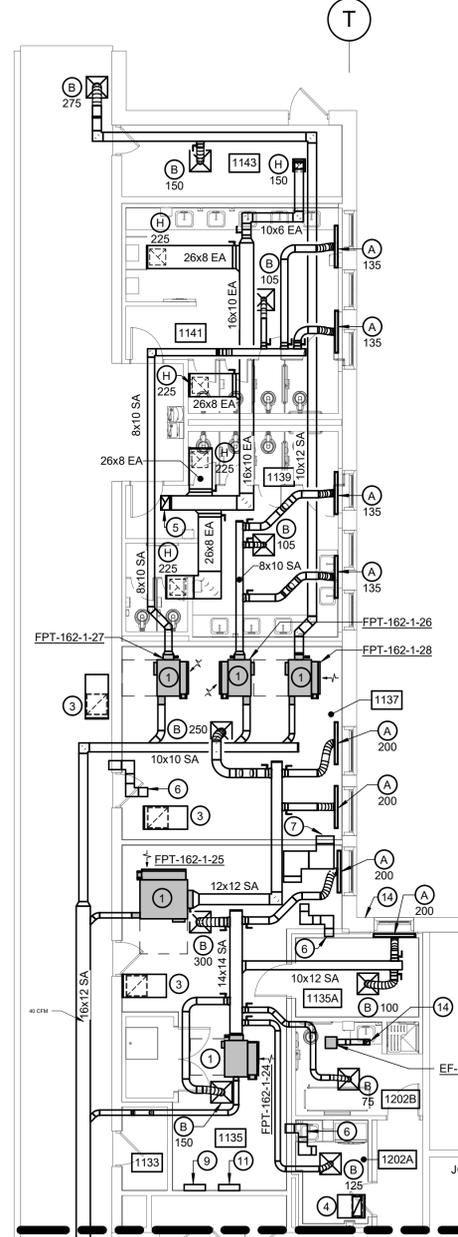
DRAWING NOTES:

- FAN POWERED TERMINAL UNIT. COORDINATE FINAL LOCATION IN THE FIELD TO MAINTAIN REQUIRED WORKING CLEARANCES.
- EXISTING 24x10 SUPPLY AIR DUCT AND 24x10 RETURN AIR DUCT STACKED.
- PLENUM RETURN AIR GRILLE ASSEMBLY. PROVIDE TYPE 'J' RETURN GRILLE WITH 22x22 NECK SIZE AND 26x14 SOUND LINED RETURN AIR DUCT BOOT. REFER TO MECHANICAL DETAILS FOR ADDITIONAL INFORMATION.
- PLENUM RETURN AIR GRILLE ASSEMBLY. PROVIDE TYPE 'Y' RETURN GRILLE WITH 10x22 NECK SIZE AND 26x10 SOUND LINED RETURN AIR DUCT BOOT. REFER TO MECHANICAL DETAILS FOR ADDITIONAL INFORMATION.
- 10x16 EXHAUST DUCT UP TO EXHAUST FAN EF-162-2-1 ON ROOF.
- 10x10 SOUND LINED TRANSFER AIR DUCT. REFER TO MECHANICAL DETAILS FOR ADDITIONAL INFORMATION.
- 20x10 SOUND LINED TRANSFER AIR DUCT. REFER TO MECHANICAL DETAILS FOR ADDITIONAL INFORMATION.
- 20x20 SOUND LINED TRANSFER AIR DUCT. REFER TO MECHANICAL DETAILS FOR ADDITIONAL INFORMATION.
- PROVIDE BAS PANEL TO HOUSE REMOTE DUCT STATIC PRESSURE SENSOR WITH LCD SCREEN, BY VERIS SERIES PX OR EQUIVALENT. PROVIDE PRESSURE SENSING TUBES TO REMOTE SENSING LOCATION INDICATED ON FLOOR PLAN.
- PROVIDE DUCT MOUNTED STATIC PRESSURE SENSOR HOMERUN LOCATION IN THIS APPROXIMATE LOCATION.
- RELOCATE EXISTING JACE CONTROLLER SERVING ADJACENT DRISKELL CENTER AND ART GALLERY. COORDINATE EXACT LOCATION WITH OWNER IN THE FIELD.
- EXISTING 24x10 RETURN AIR DUCT (BELOW SUPPLY AIR DUCT). CUT BACK TO THIS LOCATION UNDER DEMOLITION. PROVIDE NEW VOLUME DAMPER AT OPEN ENDED DUCT.
- PROVIDE TYPE 'C' SUPPLY AIR DEVICE WITH VOLUME DAMPER EXTENDING FROM BOTTOM OF EXISTING 24x10 SUPPLY AIR DUCT. BALANCE TO 150 CFM.
- 6x6 EXHAUST AIR DUCT UP TO GOOSENECK ON ROOF. REFER TO DRAWING M-204 FOR CONTINUATION.

REFER TO 2 / M-201.3 FOR CONTINUATION

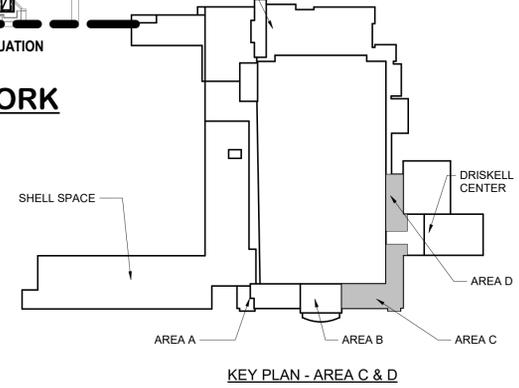


1 FIRST FLOOR PLAN - DUCTWORK - NEW WORK - PART C
SCALE: 1/8" = 1'-0"



**2 FIRST FLOOR PLAN - DUCTWORK
NEW WORK - PART D**
SCALE: 1/8" = 1'-0"

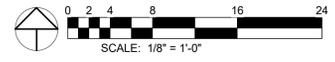
1115	CULTURAL CENTER
1116	CULTURAL CENTER
1118	CULTURAL CENTER
1118A	Huddle Room
1118B	Huddle Rm
1119	CULTURAL CENTER
1119A	Huddle Room
1119B	Huddle Room
1120	CULTURAL CENTER
1120A	Huddle Room
1125	CULTURAL CENTER MULTI-PURPOSE
1133	HK STORAGE
1135	HOUSEKEEPING
1135A	HOUSEKEEPING
1137	HOUSEKEEPING
1139	WOMEN'S
1141	MEN'S
1143	HOUSEKEEPING
1190	ELEV.
1193	CORRIDOR
1197	STAIRS
1202A	WELLNESS ROOM
1202B	RESTROOM
1299	VESTIBULE



KEY PLAN - AREA C & D

bkm

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Mechanical / Electrical Engineers
6300 Blair Hill Lane, Suite 400
Baltimore, Maryland 21209
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BUILDING NAME
COLE STUDENT ACTIVITIES BUILDING

BUILDING NUMBER
162

PROJECT NAME
RENOVATION TO COLE HEAD HOUSE AND CULTURAL CENTER FIT OUT
4090 UNION DRIVE
COLLEGE PARK, MD 20742

SAFETY APPROVAL & STAMP

APPROVALS

CUSTOMER DATE
CUSTOMER DATE

CAMPUS PROJECTS		
#	SUBMISSION	DATE
1	SCHEMATIC DESIGN	8/26/2022
2	DESIGN DEVELOPMENT	12/20/2022
3	50% CD	5/24/2023
4	95% CD	8/15/2023
5	BID PACKAGE 1	9/29/2023
6	95% CD - BID PACKAGE 2	10/16/2023
7	100% CD - BID PACKAGE 2	1/30/2024
8	BID SET - BID PACKAGE 2	3/6/2024

PROJECT NO. FM22-11314
PROJECT NO. FM22-11549

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DRAWING TITLE
**FIRST FLR PLN
DUCTWORK
NEW WORK C&D**

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 No. , Expiration Date

sheet no.
M-201.3

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