

ST. MARY'S CHAPEL

HISTORIC ST. MARY'S CITY COMMISSION

DESIGN AND INSTALL INTERPRETIVE ELEMENTS OF

CHAPEL EXHIBIT AND ADD A/C

PROJECT NO: SM-023-230-002

ARCHITECTURAL / STRUCTURAL / CIVIL CONSULTANTS:
WHITNEY, BAILEY, COX, MAGNANI, LLC / WBCM, LLC.
 300 EAST JOPPA ROAD, SUITE 200
 BALTIMORE, MARYLAND 21286
 PHONE: (410) 512-4500
 FAX: (410) 324-4100

HENRY ADAMS
 Mechanical Engineering
 Mechanical, Electrical & Plumbing Engineers



I HEREBY CERTIFY THAT THESE DRAWINGS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSEE: 15613
 EXPIRATION: 11/02/2024

ST. MARY'S CHAPEL
 DESIGN AND INSTALL INTERPRETIVE ELEMENTS OF CHAPEL EXHIBIT AND ADD A/C
 PROJECT NO: SM-023-230-002
 16721 POINT LOOKOUT RD., ST. MARYS CITY, MD 20686
 ST. MARYS COUNTY, MARYLAND
 USING AGENCY APPROVAL

ARCHITECTURAL CONSULTANT
WHITNEY, BAILEY, COX, MAGNANI, LLC.
 300 EAST JOPPA ROAD, SUITE 200
 BALTIMORE, MARYLAND 21286
 PHONE: (410) 512-4500
 FAX: (410) 324-4100

MECHANICAL, ELECTRICAL, PLUMBING ENGINEERING CONSULTANT
HENRY ADAMS
 600 BALTIMORE AVENUE
 TOWSON, MARYLAND 21284
 PHONE: (410) 296-6500
 FAX: (410) 296-6591



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VICINITY MAP



LOCATION MAP
 16721 POINT LOOKOUT RD.,
 ST. MARYS CITY, MD 20686
 ST. MARYS COUNTY, MARYLAND

USING AGENCY APPROVAL

NAME: *Isabel...* DATE: *3/26/24*

TITLE: *Director of Facilities & Grounds*

DGS APPROVAL

PROJECT MANAGER: *Charles Davidson* DATE: *3/18/24*

CHIEF OF PM&D: *J. & L...* DATE: *03/25/2024*

DEPARTMENT OF GENERAL SERVICES
 ATIF CHAUDHRY, SECRETARY
 ROOM 1405
 301 WEST PRESTON STREET
 BALTIMORE, MARYLAND 21201

BOARD OF PUBLIC WORKS
 WES MOORE, GOVERNOR
 BROOKE LIERMAN, COMPTROLLER
 DERECK DAVIS TREASURER

USING AGENCY
 Historic St. Mary's City Commission
 18751 Hogaboom Lane
 St Marys City, MD 20686

DWG. NO.	SHEET NO.	SHEET TITLE
GENERAL		
G101	1	COVER SHEET
ARCHITECTURAL		
A1101	2	OVERALL FLOOR PLAN
A1011	3	SECTIONS
A1002	4	SECTIONS AND DETAILS
A1015	5	CEILING DETAILS
A1022	6	BENCH DETAILS
A1033	7	RAILING DETAILS
MECHANICAL		
M1001	8	MECHANICAL TOWER SHEET
M1011	9	FLOOR PLAN - ELECTROWIRE
M1012	10	FLOOR PLAN - MECHANICAL PIPING
M1001	11	MECHANICAL SECTIONS
M1011	12	MECHANICAL DETAILS
M1001	13	MECHANICAL SCHEDULES AND CONTROLS
ELECTRICAL		
E1011	14	ELECTRICAL COVER SHEET
E1011	15	FLOOR PLANS - POWER & NEW WIRING
E1011	16	ELEVATIONS - POWER & NEW WIRING
E1001	17	ELECTRICAL SCHEDULES AND DETAILS

APPLICABLE CODES
2018 INTERNATIONAL BUILDING CODE (IBC)
2018 NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) NFPA 1 (FIRE CODE) & NFPA 101 (LIFE SAFETY CODE)
2018 NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) NFPA 54 (LPG GAS CODE)
2011 SEDIMENT CONTROL ORDINANCE
2015 NATIONAL STANDARD PLUMBING CODE (NSPC) CODE EVALUATION BASED ON 2018 INTERNATIONAL PLUMBING CODE (IPC)
2011 NATIONAL ELECTRICAL CODE (NEC)
2018 INTERNATIONAL ENERGY CODE
MARYLAND ACCESSIBILITY CODE: IMC 2112 COMAR 05.02.02
2019 DGS PROCEDURE MANUAL

Name: _____ Date: _____

Title: **DGS APPROVAL**

Project Manager: _____ Date: _____

Chief of PM&D: _____ Date: _____

MARK	DATE	DESCRIPTION
	03/15/24	ISSUED FOR BID

CAD DWG FILE: -

DRAWN BY: DAKOTA ASH

CHKD BY:

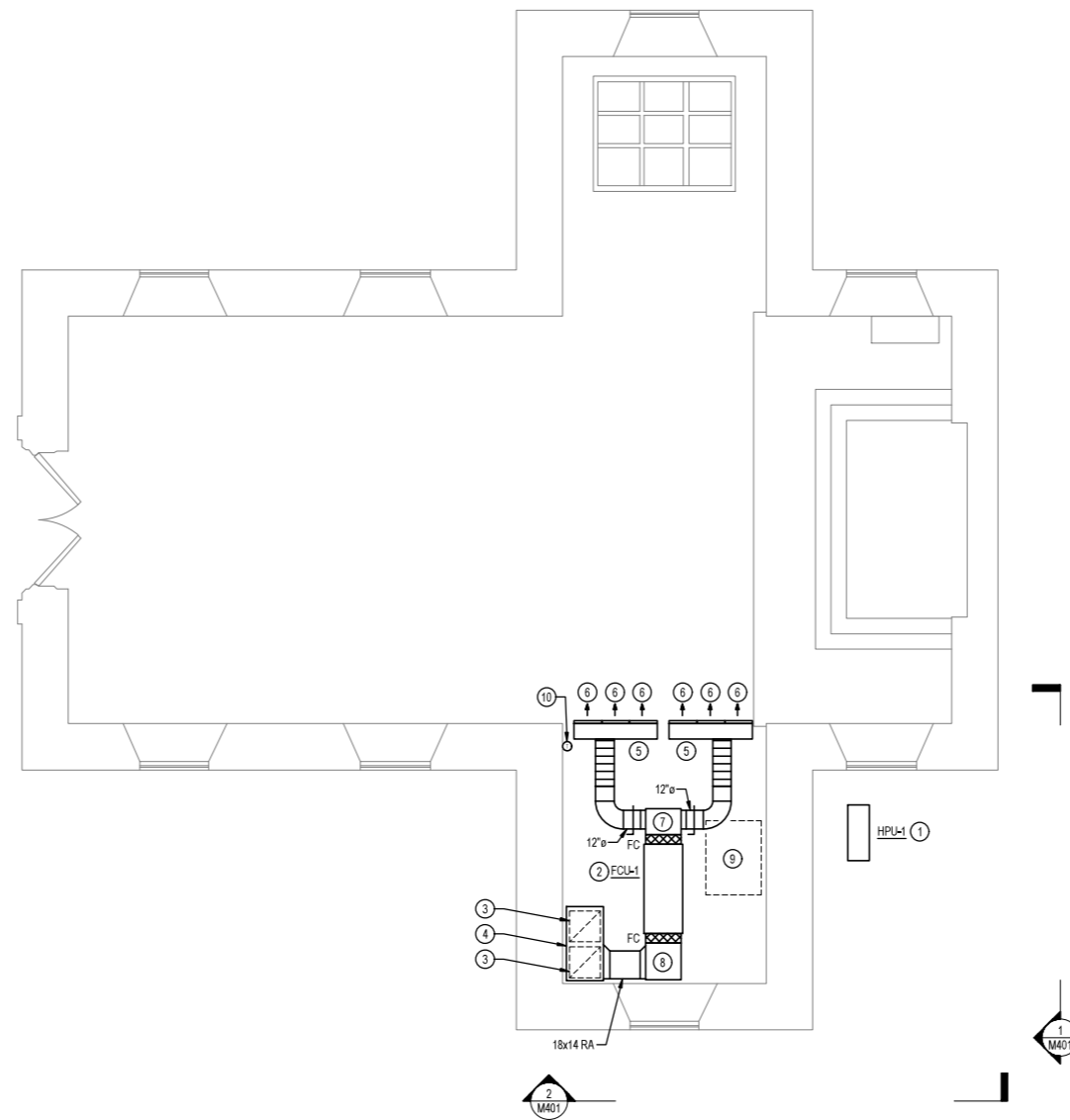
PROJECT No.: SM-023-230-002

DATE: 03/15/2024

COVER SHEET

G101

SHEET 01 OF 17



1 FIRST FLOOR - DUCTWORK - NEW WORK PLAN
 M101 / 1/4" = 1'-0"

DRAWING NOTES (APPLICABLE TO THIS DRAWING ONLY)

1. EXISTING SHOWN WITH LIGHT WEIGHT LINE.
2. NEW WORK SHOWN WITH HEAVY WEIGHT LINE.
3. INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. EXISTING CONDITIONS ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, OR THERE IS A QUESTION REGARDING SCOPE OF WORK OR LIMITS OF DISTURBANCE, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.
4. UNLESS OTHERWISE NOTED, RUNOUTS TO DIFFUSERS SHALL BE SAME SIZE AS DIFFUSER NECK SIZE.

SPECIAL NOTES (APPLICABLE TO THIS DRAWING ONLY)

- 1 MOUNT ON 4" HOUSEKEEPING PAD
- 2 FCU-1 AND ASSOCIATED DUCTWORK LOCATED WITHIN ATTIC SPACE. MOUNT FROM ABOVE. PROVIDE SECONDARY DRAIN PAN BENEATH FCU.
- 3 20x20 R-1, 900 CFM.
- 4 48" L x 24" W x 18" H INSULATED PLENUM.
- 5 54" L x 10" W x 12" H INSULATED PLENUM, 900 CFM.
- 6 APPROX. 18" LONG D-1 (THE DIFFUSER SHALL FIT BETWEEN THE EXISTING STUDS. VERIFY EXACT DIMENSION IN FIELD) WITH (5) 1" SLOTS. CONTRACTOR SHALL VERIFY IN FIELD IF EXISTING STUDS ARE LOAD BEARING. IF THEY ARE NOT LOAD BEARING MODIFY FRAMING AND USE A SINGLE 9 FT LONG D-1 IN LIEU OF THE MULTIPLE 18" LONG DIFFUSERS. LOCATE DIFFUSER IN BARREL VAULT CEILING AND MATCH STAINED WOOD.
- 7 14" LONG INSULATED PLENUM. PLENUM SHALL BE 16" DEEP AND WIDTH SHALL MATCH WIDTH OF FCU CONNECTION.
- 8 24" LONG INSULATED PLENUM. PLENUM SHALL BE 16" DEEP AND WIDTH SHALL MATCH WIDTH OF FCU CONNECTION.
- 9 36" x 48" ATTIC HATCH
- 10 LOCATE THERMOSTAT AT THE SAME ELEVATION AS LIGHT SWITCHES

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HENRY ADAMS
 Consulting Engineers
 MECHANICAL ELECTRICAL & PLUMBING ENGINEERS



PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO.: 36608 EXPIRATION DATE: 12/23/2025

ST. MARY'S CHAPEL
 DESIGN AND INSTALL
 INTERPRETIVE ELEMENTS OF
 CHAPEL EXHIBIT AND ADD A/C
 PROJECT NO: SM-023-230-002

USING AGENCY APPROVAL

Name	Date
Title	DGS APPROVAL
Project Manager	Date
Chief of PM&D	Date

03/15/24 ISSUED FOR BID

MARK	DATE	DESCRIPTION
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CAD DWG FILE: -

DRAWN BY: MAV

CHK'D BY: CEL

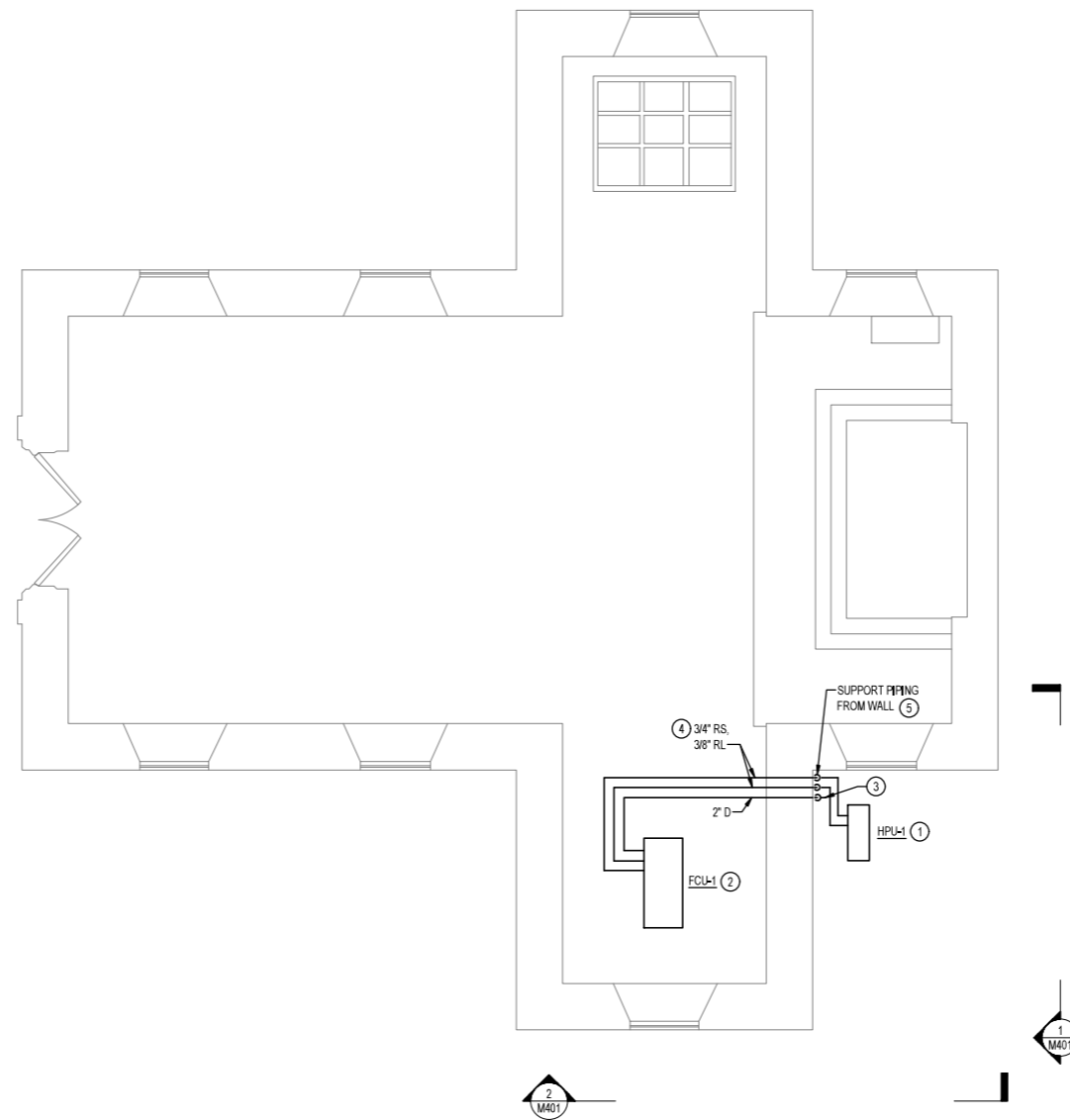
PROJECT No.: SM-023-230-002

DATE: 03/15/2024

FIRST FLOOR - DUCTWORK - NEW WORK PLAN

M101

SHEET 9 OF 17



1 FIRST FLOOR - MECHANICAL PIPING - NEW WORK PLAN
 M201 / 1/4" = 1'-0"

- DRAWING NOTES (APPLICABLE TO THIS DRAWING ONLY)**
- EXISTING SHOWN WITH LIGHT WEIGHT LINE. ———
 - NEW WORK SHOWN WITH HEAVY WEIGHT LINE. ———
 - INFORMATION SHOWN ON THIS DRAWING PERTAINING TO EXISTING CONDITIONS HAS BEEN OBTAINED FROM FIELD OBSERVATIONS AND MAY NOT INDICATE ACTUAL EXISTING CONDITIONS IN DETAIL OR DIMENSION. EXISTING CONDITIONS ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE ACTUAL EXISTING CONDITIONS PRIOR TO FABRICATION OR PERFORMANCE OF ANY WORK. SHOULD CONDITIONS BE DISCOVERED THAT PREVENT EXECUTION OF THE WORK AS INDICATED, OR THERE IS A QUESTION REGARDING SCOPE OF WORK OR LIMITS OF DISTURBANCE, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING AND AWAIT WRITTEN DIRECTION BEFORE PROCEEDING WITH THE WORK.
 - PATCH FINISH AND PAINT ANY WALLS FROM CORNER TO CORNER THAT ARE OPENED UP FOR INSTALLATION OF NEW WIRING, DUCTWORK, PIPING, ETC. MATCH EXISTING FINISH.
- SPECIAL NOTES (APPLICABLE TO THIS DRAWING ONLY)**
- MOUNT ON 4" HOUSEKEEPING PAD
 - FCLU-1 AND ASSOCIATED PIPING LOCATED WITHIN ATTIC SPACE. MOUNT FROM ABOVE.
 - TERMINATE 2" D 6" ABOVE FINISHED GRADE WITH ELBOW DN
 - ASSOCIATED EQUIPMENT MANUFACTURER SHALL CONFIRM FINAL PIPE SIZES
 - PROVIDE PENETRATION OUTLET EQUAL TO AIREX PROSYSTEM KIT MODEL TGS AT PIPE PENETRATIONS THROUGH WALL

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Project Manager	Date
Chief of PM&D	Date

	03/15/24	ISSUED FOR BID
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MARK	DATE	DESCRIPTION

CAD DWG FILE: -
 DRAWN BY: MAV
 CHK'D BY: CEL
 PROJECT No.: SM-023-230-002
 DATE: 03/15/2024

FIRST FLOOR - MECHANICAL PIPING - NEW WORK PLAN

M201

SHEET 10 OF 17

EX LOAD CENTER (DEMOLITION)										BUS AMPACITY: 200A MAIN TYPE: 200A MCB SERVICE: 120/240 VOLTS, 1 PHASE, 3 WIRE MIN. RATING OF MCB: 10K AIC RMS SYMMETRICAL AMPS										MOUNTING FLUSH ENCLOSURE: NEMA 1 LOCATION: ALTAR FLOOR															
MANUFACTURER: CUTLER-HAMMER TYPE: LOAD CENTER																																			
LS	LOAD DESCRIPTION	NOTE	PK	TA	AUX	WIRE AND CONDUIT	WIRE AND CONDUIT	PK	TA	AUX	WIRE AND CONDUIT	WIRE AND CONDUIT	PK	TA	AUX	WIRE AND CONDUIT	WIRE AND CONDUIT	PK	TA	AUX	WIRE AND CONDUIT	WIRE AND CONDUIT	PK	TA	AUX	WIRE AND CONDUIT	WIRE AND CONDUIT	PK	TA	AUX	WIRE AND CONDUIT	WIRE AND CONDUIT	PK	TA	AUX
1	EX NORTH TRANCEPT EAST WALL LIGHTS		1	20	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-
3	FX OFFIN PIT		1	20	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-
5	EX NORTH WALL ZUV		2	30	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-
7	EX SOUTH WALL ZUV		2	30	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-
9	EX NORTH WALL WEST CORNER		1	20	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-
11	EX SOUTH TRANCEPT EAST WALL		1	20	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-
13	EX SOUTH TRANCEPT WEST WALL		1	20	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-
15	EX RECEPTACLE		2	30	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-
17	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
19	EX RECEPTACLE		2	30	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-
21	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
27	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
29	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
33	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
35	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
37	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
39	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
41	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
42	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	



EX LOAD CENTER (NEW WORK)										BUS AMPACITY: 200A MAIN TYPE: 200A MCB SERVICE: 120/240 VOLTS, 1 PHASE, 3 WIRE MIN. RATING OF MCB: 10K AIC RMS SYMMETRICAL AMPS										MOUNTING FLUSH ENCLOSURE: NEMA 1 LOCATION: ALTAR FLOOR															
MANUFACTURER: CUTLER-HAMMER TYPE: LOAD CENTER																																			
LS	LOAD DESCRIPTION	NOTE	PK	TA	AUX	WIRE AND CONDUIT	WIRE AND CONDUIT	PK	TA	AUX	WIRE AND CONDUIT	WIRE AND CONDUIT	PK	TA	AUX	WIRE AND CONDUIT	WIRE AND CONDUIT	PK	TA	AUX	WIRE AND CONDUIT	WIRE AND CONDUIT	PK	TA	AUX	WIRE AND CONDUIT	WIRE AND CONDUIT	PK	TA	AUX	WIRE AND CONDUIT	WIRE AND CONDUIT	PK	TA	AUX
1	EX NORTH TRANCEPT EAST WALL LIGHTS		1	20	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-
3	FX OFFIN PIT		1	20	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-
5	EX NORTH WALL ZUV		2	30	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-
7	EX SOUTH WALL ZUV		2	30	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-
9	EX NORTH WALL WEST CORNER		1	20	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-
11	EX SOUTH TRANCEPT EAST WALL		1	20	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-
13	EX SOUTH TRANCEPT WEST WALL		1	20	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-	EXISTING	EXISTING	20	1	-
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21	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	HPU-1		1	2	35																														
25	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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31	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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35	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	EX SPACE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

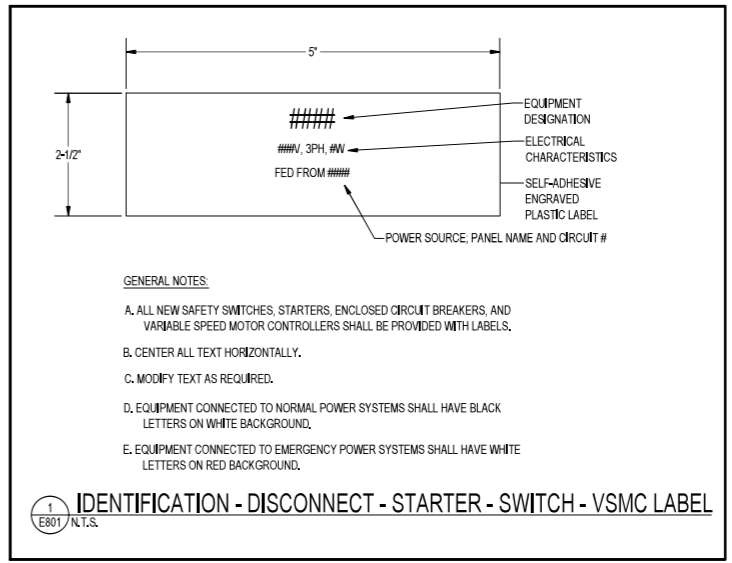
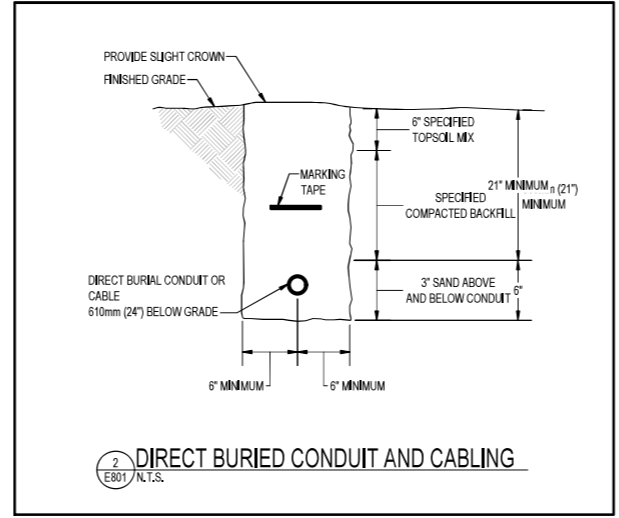
NOTES: (APPLICABLE TO PANELBOARD SCHEDULE ONLY)
1. PROVIDE NEW CIRCUIT BREAKER IN EXISTING AVAILABLE SPACE(S). MATCH EXISTING PANELBOARD MANUFACTURER, TYPE, AND AIC RATING.

MECHANICAL EQUIPMENT ELECTRICAL CONNECTION SCHEDULE												
EQUIPMENT DESIGNATION	KW	HP	MCA	MOPC	FLA	VOLTAGE	PHASE	LOAD (kVA)	WIRING & CONDUIT	DISCONNECTING MEANS	CONTROL MEANS	NOTES
HPU-1	-	-	29.1	35	23.2	240	1	5.57	See schedule for Ex Load Center (New Work), Circuit 23, 25	DS-HPU-1	BY MECHANICAL	1,2
FCU-1	-	-	8.6	15	6.88	240	1	1.65	See schedule for Ex Load Center (New Work), Circuit 18	DS-FCU-1	BY MECHANICAL	1,2

NOTES: (APPLICABLE TO MECHANICAL EQUIPMENT ELECTRICAL CONNECTION SCHEDULE ONLY)
1. REVIEW EQUIPMENT SUBMITTALS FROM OTHER TRADES PRIOR TO ORDERING OR INSTALLING ASSOCIATED ELECTRICAL WORK. ELECTRICAL CONTRACTOR SHALL MODIFY COMPONENTS OF THE ELECTRICAL CONNECTIONS AS NECESSARY TO MATCH NAMEPLATE DATA OF APPROVED EQUIPMENT AND PROVIDE A CODE COMPLIANT INSTALLATION, INCLUDING BUT NOT LIMITED TO CIRCUIT BREAKERS, WIRE, CONDUITS, CONNECTION TYPES, SWITCHES, AND FUSES, CHANGE ORDERS AND EXTRAS WILL NOT BE AWARDED FOR FAILURE TO COORDINATE WITH OTHER TRADES' EQUIPMENT SUBMITTALS.
2. PROVIDE NECESSARY SUPPORTING STRUT CHANNEL AND ALL MISCELLANEOUS HARDWARE FOR MOUNTING ELECTRICAL EQUIPMENT, MAINTAIN NEC WORKING CLEARANCES. FIELD COORDINATE EXACT LOCATIONS. DO NOT MOUNT ON EQUIPMENT ACCESS PANELS OR IN EQUIPMENT MANUFACTURERS' RECOMMENDED MAINTENANCE CLEARANCES. COORDINATE EXACT LOCATION OF SAFETY SWITCHES WITH MECHANICAL EQUIPMENT CONTRACTOR.

DISCONNECT SWITCH SCHEDULE							
DESIGNATION	AMP RATING	POLES	VOLT RATING	FUSE AMPS	FUSE CLASS	NEMA ENCLOSURE	NOTES
DS-HPU-1	60	2	240	35	RK5	4X	2,4
DS-FCU-1	20	2	240	-	-	TOGGLE SWITCH	-

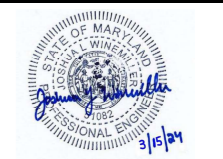
NOTES: (APPLICABLE TO DISCONNECT SWITCH SCHEDULE ONLY)
1. PROVIDE FUSE AND COORDINATE EXACT EQUIPMENT FUSE SIZE WITH MOTOR OR EQUIPMENT NAMEPLATE DATA DURING CONSTRUCTION.
2. ALL DISCONNECT SWITCHES SHALL BE HEAVY DUTY TYPE WITH GROUND LUG.
3. PROVIDE ALL FUSIBLE DISCONNECT SWITCHES WITH CLASS R FUSE KIT.
4. LABEL DISCONNECT SWITCHES WITH THE DESIGNATION IDENTIFIED IN THIS SCHEDULE AND THE CIRCUIT NUMBER AND PANELBOARD FROM WHICH IT IS FED, INCLUDING VOLTAGE AND PHASE.



GENERAL NOTES:
A. ALL NEW SAFETY SWITCHES, STARTERS, ENCLOSED CIRCUIT BREAKERS, AND VARIABLE SPEED MOTOR CONTROLLERS SHALL BE PROVIDED WITH LABELS.
B. CENTER ALL TEXT HORIZONTALLY.
C. MODIFY TEXT AS REQUIRED.
D. EQUIPMENT CONNECTED TO NORMAL POWER SYSTEMS SHALL HAVE BLACK LETTERS ON WHITE BACKGROUND.
E. EQUIPMENT CONNECTED TO EMERGENCY POWER SYSTEMS SHALL HAVE WHITE LETTERS ON RED BACKGROUND.

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MECHANICAL ELECTRICAL & PLUMBING ENGINEERS



PROFESSIONAL CERTIFICATION. I HERE BY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO.: 51082 EXPIRATION DATE: 06/07/2025

ST. MARY'S CHAPEL
DESIGN AND INSTALL
INTERPRETIVE ELEMENTS OF
CHAPEL EXHIBIT AND ADD A/C
PROJECT NO: SM-023-230-002