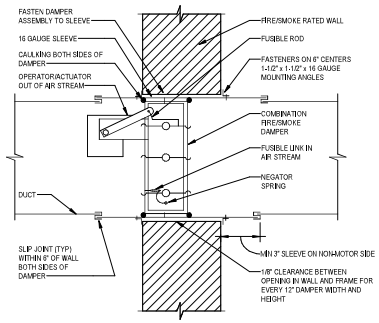
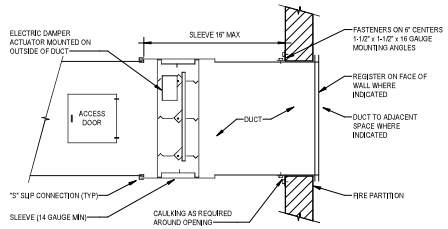


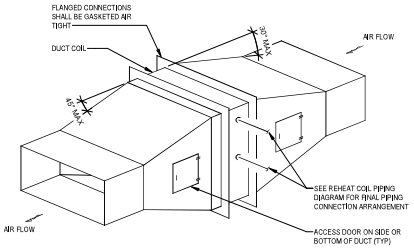
NOTE:
• INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND NFPA-90A

1 COMBINATION IN-WALL FIRE/SMOKE DAMPER DETAIL
NOT TO SCALE

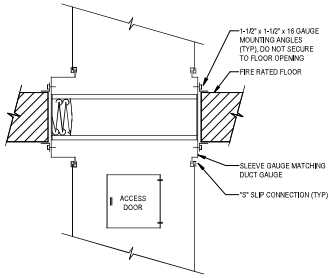


NOTE:
• INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND NFPA-90A
• HORIZONTAL INSTALLATION SIMILAR

2 COMBINATION OUT OF WALL FIRE/SMOKE DAMPER DETAIL
NOT TO SCALE

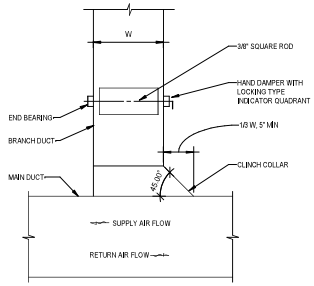


3 DUCT COIL TRANSITION DIAGRAM DETAIL
NOT TO SCALE

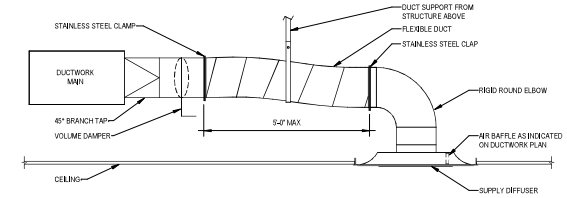


NOTE:
• INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND NFPA-90A
• VERTICAL INSTALLATION SIMILAR

4 HORIZONTAL FIRE DAMPER DETAIL
NOT TO SCALE

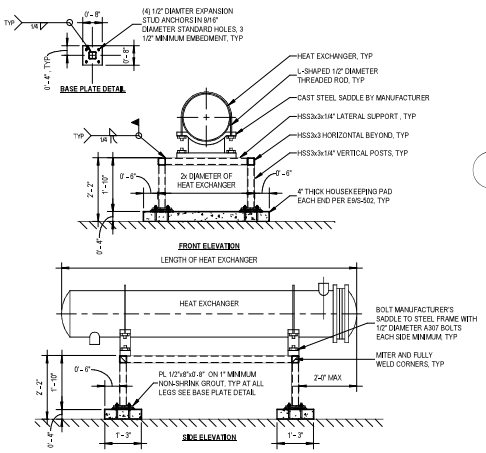


5 RECTANGULAR DUCT TAP WITH VOLUME DAMPER DETAIL
NOT TO SCALE

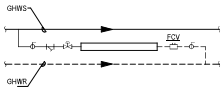


NOTE:
• MAXIMUM FLEXIBLE DUCT TURNING RADIUS 1.5X DUCT DIAMETER
• RETURN & EXHAUST REGISTER CONNECTION SIMILAR

6 DIFFUSER CONNECTION DETAIL
NOT TO SCALE

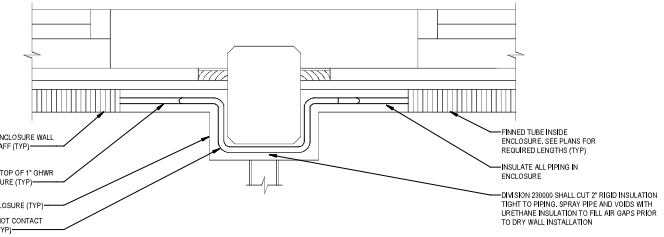


7 HEAT EXCHANGER SUPPORT DETAIL
NOT TO SCALE

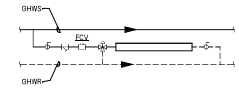


NOTE:
F3 FIRST FLOOR UNITS ARE FED FROM THE CEILING BELOW (BASEMENT LEVEL). VALVE AND CONTROLS LOCATED IN CEILING BELOW (BASEMENT LEVEL).

8 RADIATION PIPING DIAGRAM (F1 & F3)
NOT TO SCALE



10 TYPICAL RADIATION ENCLOSURE ACCESS & PIPE INSULATION DETAIL
NOT TO SCALE



9 RADIATION PIPING DIAGRAM (F2)
NOT TO SCALE

11 RADIATION ENCLOSURE PIPING AT COLUMNS DETAIL
NOT TO SCALE

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One Penn Plaza, 52 Floor, New York, New York 10119-0098
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Consultants:
architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

DETAILS

Drawn By:	Checked By:	Date:
MJC	SCD	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number
M601

Scale: As indicated

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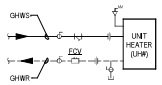
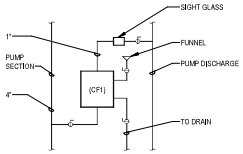
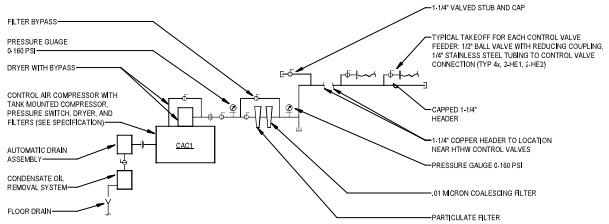


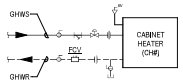
1 UNIT HEATER PIPING DIAGRAM
NOT TO SCALE



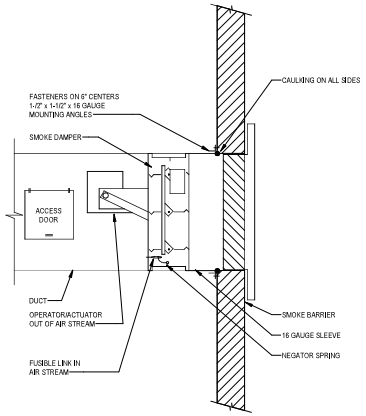
2 CHEMICAL POT FEEDER DIAGRAM
NOT TO SCALE



3 COMPRESSED AIR PIPING DIAGRAM
NOT TO SCALE

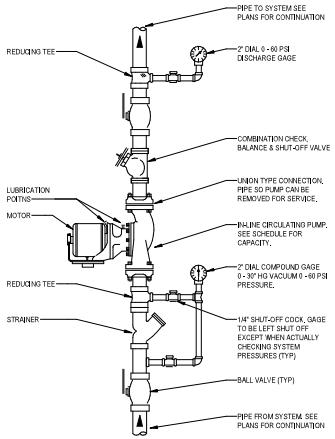


4 CABINET HEATER PIPING DIAGRAM
NOT TO SCALE

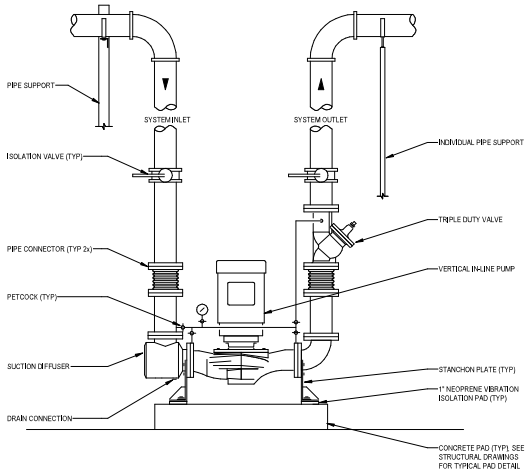


NOTE:
• INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND NFPA-90A

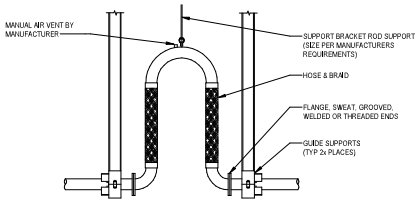
5 OUT OF WALL SMOKE DAMPER DETAIL
NOT TO SCALE



6 IN-LINE CIRCULATING PUMP DETAIL
NOT TO SCALE



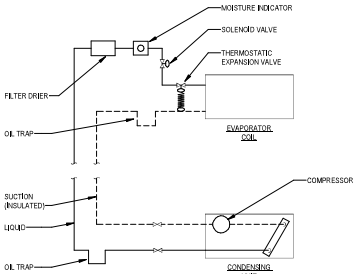
7 VERTICAL IN-LINE PUMP DETAIL
NOT TO SCALE



NOTE:

1. REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS FOR OTHER PIPING ARRANGEMENTS.
2. ANCHOR PER MANUFACTURERS INSTUCTIONS.
3. INSULATION NOT SHOWN FOR CLARITY.

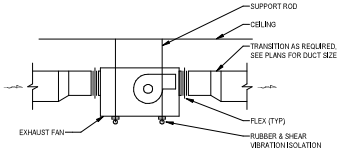
8 EXPANSION LOOP DETAIL
NOT TO SCALE



NOTE:

1. THE HORIZONTAL DIMENSION OF OIL TRAPS TO BE AS SHORT AS POSSIBLE.

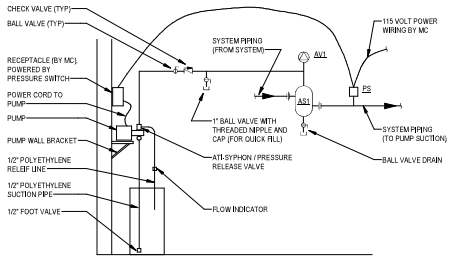
9 DUCTLESS SPLIT SYSTEM DETAIL
NOT TO SCALE



NOTE:

1. REFER TO SPECIFICATIONS FOR VIBRATION AND ISOLATION DETAILS.

10 IN-LINE EXHAUST FAN DETAIL
NOT TO SCALE



11 GLYCOL FEED SYSTEM DETAIL
NOT TO SCALE

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Consultants:
architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

DETAILS

Drawn By:	Checked By:	Date:
MJC	SCD	8-29-2018

Seal & Signature
STATE OF NEW YORK · STEVEN C. DUNKLE · 081443 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number
M602

Scale: 12" = 1'-0"

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VARIABLE SPEED DRIVE SCHEDULE

TAG	EQUIPMENT TYPE	SPARE UNIT / REDUNDANCY NOTES	MOTOR		ACCESSORIES				DESIGN BASIS		NOTES
			HP	VOLT / PH / HZ	BYPASS	DISC.	L REACT	COMM.	MANUFACTURER	MODEL	
P1	HW PUMP	NO / R1	7.5	208 / 3 / 60	NO	YES	L1	C1	ABB	ACH550-PDR	
P2	HW PUMP	NO / R1	7.5	208 / 3 / 60	NO	YES	L1	C1	ABB	ACH550-PDR	
P3	HW PUMP	NO / R1	7.5	208 / 3 / 60	NO	YES	L1	C1	ABB	ACH550-PDR	
EF2	LAUNDRY EXHAUST	NO	1.5	208 / 3 / 60	YES	YES	L1	C1	ABB	ACH550-BDR	

C1 - PROVIDE STANDARD COMMUNICATIONS INTERFACE CARD FOR SIEMENS FLN.

L1 - PROVIDE WITH STANDARD DC CHOKE.

R1 - REDUNDANCY PROVIDED BY INSTALLED BACK-UP EQUIPMENT.

STANDARD REQUIREMENTS

1. INVERTER SHALL USE IGBT'S ONLY WITH PWM CIRCUIT.
2. VSD SHALL INCLUDE (2) 0-10 VDC INPUTS, (2) 0-10 VDC OUTPUTS, FAULT CONTACTS, AND 1 SPARE SET OF RELAY CONTACTS.
3. ALL DRIVES SHALL BE LABELED WITH EQUIPMENT TAG, POWER SOURCE PANEL #, CIRCUIT # AND VOLTAGE.
4. FURNISH NEMA 1 ENCLOSURE

MOTOR STARTER SCHEDULE

TAG	EQUIPMENT TYPE	STARTER TYPE	MOTOR		COVER CONTROLS	FUSE SIZE	DESIGN BASIS		NOTES
			HP	VOLT / PH / HZ			MANUFACTURER	MODEL	
P4	LAUNDRY PUMP	MSMSS	1/6	110 / 1 / 60	NA	NA	SQ-D	2510 FGBP	1
P5	ERU1 PUMP	MSMSS	1/2	110 / 1 / 60	NA	NA	SQ-D	2510 FGBP	1
P6	ERU2 PUMP	MSMSS	1/2	110 / 1 / 60	NA	NA	SQ-D	2510 FGBP	1
P7	RADIANT PUMP	MSMSS	1/6	110 / 1 / 60	NA	NA	SQ-D	2510 FGBP	1
EF1	INLINE SYS MECH ROOM	MSMSS	1/6	110 / 1 / 60	NA	NA	SQ-D	2510 FGBP	1
EF3	INLINE EF ATTIC	MSMSS	1/6	110 / 1 / 60	NA	NA	SQ-D	2510 FGBP	1
EF5	SIDEWALL ELECTRICAL ROOM	MSMSS	1/2	110 / 1 / 60	NA	NA	SQ-D	2510 FGBP	1
EF6	INLINE EXHAUST FAN	MSMSS	1/4	110 / 1 / 60	NA	NA	SQ-D	2510 FGBP	1
EF7	LOUNGE CEILING FANS	MSM	1200 W	110 / 1 / 60	NA	NA	SQ-D	2510 FS1	2
EF8	INLINE FIRE PUMP ROOM	MSMSS	1/2	110 / 1 / 60	NA	NA	SQ-D	2510 FGBP	1
EF9	INLINE DATA ROOM	MSMSS	1/6	110 / 1 / 60	NA	NA	SQ-D	2510 FGBP	1
EF10	INLINE EF WATER HEATER RM	MSMSS	1/6	110 / 1 / 60	NA	NA	SQ-D	2510 FGBP	1

NOTES:

1. FURNISH TO EC FOR THEIR INSTALLATION
2. PROVIDE QUANTITY (2) MOTOR RATED SWITCHES FLUSH MOUNT ONE FOR EACH FAN.

STANDARD FEATURES

FUSES: WHERE INDICATED, PROVIDE TYPE RK-5 DUAL ELEMENT, 200KAIC SIZE AS LISTED FOR EACH ACTIVE LEG.

OVERLOADS: WITH REPLACEABLE ELEMENTS.

TYPES:

MSC - MOTOR STARTER COMBINATION, STYLE WITH FLANGE MOUNTED DISCONNECT SWITCH & OVERLOADS.

MSM - MOTOR STARTER MANUAL, MOTOR RATED SWITCH WITH OVERLOADS.

MAG - MOTOR STARTER MAGNETIC, WITH OVERLOADS.

MSMSS - MOTOR STARTER MANUAL, WITH START STOP & HOA SELECTOR SWITCH.

COVER CONTROLS: S/S PB, START/STOP ILLUMINATED PUSH BUTTONS WITH SEAL IN CONTACT(S) & (2) SETS NONC AUX CONTACTS.

HOA, HAND-OFF-AUTO SELECTOR SWITCH WITH RUN PILOT LIGHT & (2) SETS NONC AUX CONTACTS.

HYDRONIC RADIANT HEAT SCHEDULE

ZONE	CAPACITY					DESIGN BASIS	NOTES
	AREA (SQ. FT.)	CAPACITY (BTUH)	CIRCUITS (NUMBER)	PEX (DIA)	FLOW (GPM)		
1	76	19902	1	3/4"	2.2	WATTS RADIANT PEX+	1,2

1. REFER TO RADIANT HEAT PIPING SCHEMATIC DRAWING FOR MORE INFORMATION.
2. PROVIDE CONTROL INTERFACE TO BMS AND REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION INCLUDING TRAINING, COMMISSIONING AND START-UP.

GLYCOL FEED SYSTEM SCHEDULE

TAG	STORAGE CAPACITY (GALLONS)	PUMP				DESIGN BASIS		NOTES
		GPM	ON PSIG	OFF PSIG	ELEC.	MANUFACTURER	MODEL	
GF1	50	1.5	25	35	120 V	NEPTUNE	G-50-1A	1,2

1. POLYETHYLENE TANK MOUNTED ON STEEL FRAME, BRONZE ROTARY GEAR PUMP, FLOAT SWITCH, LOW LEVEL LIGHT AND ALARM, CONTROL PANEL ALL FACTORY WIRED AND PIPED.
2. CONTRACTOR SHALL FILL GLYCOL PIPING SYSTEM WITH 40% PROPYLENE GLYCOL AND 60% WATER BY VOLUME.

AIR FILTER SCHEDULE

TAG	AREA SERVED	AIR FLOW (CFM)	SIZE (HxWxD)	AIR PRESSURE DROP	RATING (MERV)	DESIGN BASIS			NOTES
						TYPE	MANUFACTURER	MODEL	
AF1	LAUNDRY	2000	(2) 16"x24"x2"	0.16	13	PLEATED	FLANDERS	PLEATED M13	-

CABINET HEATER SCHEDULE - HOT WATER

TAG	CABINET TYPE	CAPACITY		HOT WATER / 40% GLYCOL (SEE NOTES BELOW)					MOTOR		DESIGN BASIS		NOTES
		CFM	MBH	EAT	EWT	LWT	GPM	WPD	HP	ELECT.	MANUFACTURER	MODEL	
CH1	VERTICAL EXPOSED	335	18.0	70°F	190°F	171°F	2.0	0.26	1/15	120 / 1 / 60	STERLING	FS-03	1
CH2	HORIZONTAL RECESSED	335	18.0	70°F	190°F	171°F	2.0	0.26	1/15	120 / 1 / 60	STERLING	RC-03	2
CH3	VERTICAL RECESSED	335	18.0	70°F	190°F	171°F	2.0	0.26	1/15	120 / 1 / 60	STERLING	RW-03	3
CH4	HORIZONTAL RECESSED	335	18.0	70°F	190°F	171°F	2.0	0.26	1/15	120 / 1 / 60	STERLING	RC-03	2
CH5	HORIZONTAL RECESSED	335	18.0	70°F	190°F	171°F	2.0	0.26	1/15	120 / 1 / 60	STERLING	RC-03	2

1. PROVIDE WITH DISCONNECT SWITCH, SECURITY FASTENERS AND 1" THROWAWAY FILTER.
2. PROVIDE WITH CEILING TRIM KIT, SECURITY FASTENERS, DISCONNECT SWITCH AND 1" THROWAWAY FILTER.
3. PROVIDE WITH DISCONNECT SWITCH, SECURITY FASTENERS, WALL TRIM KIT AND 1" THROWAWAY FILTER.

AIR COMPRESSOR SCHEDULE

TAG	SERVICE	AIR FLOW		TANK SIZE (GALLONS)	ELECTRICAL DATA				DESIGN BASIS			NOTES
		SCFM @ 80 PSIG	RPM		V / H / HZ	HP	MCA	MOP	TYPE	MANUFACTURER	MODEL	
CAC1	CLIMATE CONTROL	4.4	357	30	120 / 1 / 60	2 @ 1/2hp	-	25	DUPLEX	QUINCY	QD00503D	1,2

1. PROVIDE REFRIGERANT DRYER, BYPASS LINE, BELT GUARD, OIL GAUGE, ASME RATED CONSTRUCTION, RELIEF VALVE, PRESSURE SWITCH, MAGNETIC STARTER, AUTOMATIC DRAIN, FILTER/SILENCER, PARTICULATE FILTER, PRV STATION, COALESCING FILTER, CONDENSATE OIL REMOVAL SYSTEM (KAESER KCF), ISOLATION PAD AND SPRINGS.
2. REFER TO SPECIFICATION SECTION 230922 FOR MORE INFORMATION.

HEATING COIL SCHEDULE

TAG	SIZE LxW	CAP MBH	MAX. FPF	NO. OF ROWS	AIR				40% GLYCOL				DESIGN BASIS		NOTES
					CFM	APD	EAT (°F)	LAT (°F)	GPM	WPD	EWT (°F)	LWT (°F)	MANUFACTURER	MODEL	
HC1	22"x11"	33	156	1	750	0.20	50	90	3.8	3.7	190	170	CAPITAL COIL & AIR	WB-2009-13M-1CA-R	
HC2	32"x17"	175	168	2	1980	0.22	-1	81	18.9	2.2	190	170	CAPITAL COIL & AIR	WB-3015-14B-FCA-R	

HEAT EXCHANGER SCHEDULE - HIGH TEMPERATURE HOT WATER TO HOT WATER

TAG	DESIGN			HIGH TEMPERATURE HOT WATER					HOT WATER					DESIGN BASIS		NOTES
	LENGTH	DIA.	MBH	GPM	FLUID	WPD (PSIG)	EWT (°F)	LWT (°F)	GPM	FLUID	WPD (PSIG)	EWT (°F)	LWT (°F)	FOULING FACTOR	MANUFACTURER	MODEL	
HE1	66"	12"	2339	50	WATER	1.24	350	250	170	40% PROPYLENE GLYCOL	2.0	160	190	0.001	YULA	HCV-66-60BS	1
HE2	66"	12"	2339	50	WATER	1.24	350	250	170	40% PROPYLENE GLYCOL	2.0	160	190	0.001	YULA	HCV-66-60BS	1

1. FULLY REDUNDANT UNITS AND ACCESSORIES.

SPLIT SYSTEM AIR CONDITIONING HEAT PUMP UNIT SCHEDULE

TAG	INDOOR UNIT				OUTDOOR UNIT								ELECTRIC			SEER	COP @ 17°F	DESIGN BASIS		NOTES
	FAN CFM	COOLING TOTAL (BTUH)	HEATING TOTAL (BTUH)	REFRIGERANT TYPE	COOLING CAPACITY BTU/HR	HEATING CAPACITY BTU/HR	CONDENSER FAN TYPE	CONDENSER FAN FLA	COMPRESSOR TYPE	COMPRESSOR NUMBER	REFRIGERANT TYPE	MAX REFRIGERANT VOLUME (LBS)	V / P / HZ	MCA	MOCP			MANUFACTURER	MODEL	
AC1	300	9,600	10,900	R410A	-	-	-	-	-	-	-	-	208 / 1 / 60	0.16	-	-	-	LG	ARNU0933BL4	1,2
AC2	300	9,600	10,900	R410A	-	-	-	-	-	-	-	-	208 / 1 / 60	0.16	-	-	-	LG	ARNU0933BL4	1,2
AC3	400	19,100	-	R410A	-	-	-	-	-	-	-	-	208 / 1 / 60	2.65	-	-	-	LG	ARNU1836GA4	2,3
ACC1	-	-	-	-	24,000	27,000	AXIAL / SIDE	0.5	DC INVERTER STARTING	1	R410A	6.52	208 / 1 / 60	19.6	30	15.7	4.6	LG	ARUN024GSS4	1,4
ACC2	-	-	-	-	24,000	-	AXIAL / SIDE	0.5	DC INVERTER TWIN ROTARY	1	R410A	7.40	208 / 1 / 60	19.6	30	15.7	-	LG	ARUN024GSS4	4,5

1. COOLING CAPACITY BASED ON 80°F DB, 67°F WB EAT AND 95°F OUTSIDE AIR TEMPERATURE. COORDINATE MOUNTING HEIGHTS OF AC-1 AND AC-2 WITH THE ARCHITECT.
2. ACCESSORIES TO INCLUDE: WIRED 7-DAY WALL MOUNTED PROGRAMMABLE THERMOSTAT AND ASPEN PUMPS #ASPM-MM-UNI MINI-SPLIT CONDENSATE PUMP KIT. PROVIDE MOTOR RATED DISCONNECT SWITCH FOR EXTERNAL MOUNTING.
3. PROVIDE ECM MOTOR, FILTER BOX AND SPARE SET OF FILTERS.
4. PROVIDE WITH WIND BAFFLE, AIR OUTLET GUIDE AND MOUNTING BASE.
5. PROVIDE CONDENSING UNIT SUPPORT STAND - DIVERSITECH MINI SPLIT STAND.

ENERGY RECOVERY UNIT SCHEDULE

TAG	SERVICE	FANS										HEAT WHEEL CAPACITY				HOT WATER HEATING COIL						ELECTRICAL				DESIGN BASIS		NOTES
		O.A. SUPPLY FAN					EXHAUST FAN					WINTER		SUMMER														
		CFM	EXT. S.P.	HP	BHP	RPM	CFM	EXT. S.P.	HP	BHP	RPM	EAT (F°)	LAT (F°)	EAT (F°) DB/WB	LAT (F°) DB/WB	EAT (F°)	LAT (F°)	MBH	FLUID	GPM	EWT	LWT	WPD (FT HD)	VOLTS	PHASE	FLA	MOCP	MANUFACTURER	MODEL	
ERU1	VENTILATION / EXHAUST	5650	1.5	8	4.82	2533	4325	1.5	4	3.11	1907	-1	34.4	95	85	34.4	95.8	375	40% PROPYLENE GLYCOL	32	190	165	5.2	208	3	28	50	AAON	MZ-H-014-L-S-B-A-0-C-X	1,2
ERU2	VENTILATION / EXHAUST	4575	1.5	4	3.32	1959	4285	1.5	4	3.08	1899	-1	44.9	95	82	44.9	95.8	251	40% PROPYLENE GLYCOL	30	190	172	11.6	208	3	18	25	AAON	MZ-H-014-L-S-B-A-0-C-X	1,2

1. EXHAUST AIR TEMPERATURE BASED ON 68°F.
2. PROVIDE UNIT WITH MERV 13 FILTERS, VARIABLE FREQUENCY DRIVE ON SUPPLY AND RETURN FANS, SHAFT GROUNDING RINGS ON SUPPLY AND RETURN FAN MOTORS, INSULATION PACKAGE, DISCONNECT SWITCH, SINGLE POINT POWER CONNECTION, RECIRCULATION DEFROST, WHEEL MONITOR AND ECONOMIZER CONTROLS.

DASNY
DORMITORY AUTHORITY STATE OF NEW YORK
515 Broadway, Albany, New York 12207-2964
One Penn Plaza, 52 Floor, New York, New York 10119-0098
539 Franklin Street, Buffalo, New York 14202-1109
WWW.DASNY.ORG

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Consultants:

architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

SCHEDULES

Drawn By: MJC | Checked By: SCD | Date: 8-29-2018

Seal & Signature

STATE OF NEW YORK · SCOTT C. DUNLAP · 081463 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number: M701

Scale: 12" = 1'-0"

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EXHAUST AIR DIFFUSER SCHEDULE

TAG	MAX CFM	MAX PD	MAX VEL.	FACE SIZE	NECK SIZE	NOISE CRITERIA (NC)	DESIGN BASIS		NOTES
							MANUFACTURER	MODEL	
ED1	500	.08	500	24"x24"	14" DIA.	<15	NAILOR	AUNI	1,2,3

1. ALUMINUM CONSTRUCTION, FULL FACE, PROVIDE SQUARE TO ROUND ADAPTER.
2. PROVIDE OPPOSED BLADE VOLUME DAMPER.
3. T-BAR CEILING.

TRANSFER GRILLE SCHEDULE

TAG	MAX. CFM	MAX. PD	MAX VEL.	FACE SIZE	NECK SIZE	NOISE CRITERIA (NC)	DESIGN BASIS		NOTES
							MANUFACTURER	MODEL	
TG1	100	0.07	500	9-3/4" x 5-3/4"	8" x 4"	<15	NAILOR	510V	1,2

1. ALUMINUM CONSTRUCTION.
2. SURFACE MOUNTED.

UNIT HEATER SCHEDULE - HOT WATER

TAG	CABINET TYPE	CAPACITY		HOT WATER				MOTOR		DESIGN BASIS		NOTES
		CFM	MBH	EAT	EWT	LWT	GPM	WPD	HP	ELECTRIC	MANUFACTURER	MODEL	
UH1	HORIZONTAL	450	14.85	60°F	190°F	170°F	1.7	0.02	1/30	120 / 1 / 60	STERLING	HS-24	1, 2
UH2	HORIZONTAL	750	28.7	60°F	190°F	170°F	3.9	0.15	1/20	120 / 1 / 60	STERLING	HS-48	1, 2

1. PROVIDE WITH DISCONNECT SWITCH.
2. PERFORMANCE BASED ON 40% PROPYLENE GLYCOL SOLUTION.

EXHAUST FAN SCHEDULE

TAG	TYPE	SERVICE	FAN			MOTOR		DESIGN BASIS		NOTES
			TOTAL CFM	SP IN WG	RPM	HP	ELECT.	MANUFACTURER	MODEL	
EF1	INLINE	MECH ROOM	750	0.35	1047	1/6	110 / 1 / 60	COOK	SQN-120	1
EF2	INLINE	LAUNDRY	1980	1.0	1963	1-1/2	208 / 3 / 60	COOK	140VB	3
EF3	INLINE	ATTIC	500	0.35	1500	1/6	110 / 1 / 60	COOK	SQN-100	1
EF4	CEILING	RD APT	100	0.5	1014	42 WATTS	110 / 1 / 60	COOK	GC166	2
EF5	SIDE WALL	ELEC ROOM	1500	0.5	1028	1/2	110 / 1 / 60	COOK	150V5B	4
EF6	INLINE	LOUNGE 019	800	0.5	1196	1/4	110 / 1 / 60	COOK	120SQN7TD	1,5
EF7	CEILING	LOUNGE 115	-	-	158	1200 WATTS	110 / 1 / 60	BIG ASS FAN	ESSENCE 8'-0"	6
EF8	INLINE	FIRE PUMP ROOM	1500	0.35	1681	1/2	110 / 1 / 60	COOK	SQN-120	1
EF9	CEILING	BASEMENT DATA ROOM	150	0.5	947	69 WATTS	110 / 1 / 60	COOK	GC186	2
EF10	INLINE	WATER HEATER RM	500	0.35	1500	1/6	110 / 1 / 60	COOK	SQN-100	1

1. ACCESSORIES TO INCLUDE FACTORY WIRED DISCONNECT, SPARE BELT, MOTORIZED DAMPER, MOTOR COVER, HANGING BRACKETS, SPRING ISOLATORS AND INLET GUARD.
2. ACCESSORIES TO INCLUDE WHITE ALUMINUM INLET GRILLE, BACKDRAFT DAMPER, FACTORY WIRED DISCONNECT, HANGING BRACKETS, SPRING ISOLATORS AND FAN SPEED CONTROL.
3. FAN SHALL BE PROVIDED WITH SERVICE DOORS, VARIABLE SPEED MOTOR LOCATED OUTSIDE OF THE AIRSTREAM, UL 705 LISTED, APPROVED FOR OPERATION WITH AIR TEMPERATURES OF 575°F.
4. PROVIDE WITH MOUNTING FLANGES, FACTORY WIRED DISCONNECT, SPARE BELT, MOTOR GUARDS, ALUMINUM BIRDSCREEN AND HOOD HASPS.
5. PROVIDE PUSH BUTTON SWITCH WITH SOFTWARE TIMER THROUGH BMS SYSTEM.
6. PROVIDE SINGLE WALL CONTROLLER TO CONTROL BOTH FANS LOCATE WITHIN LOUNGE, PROVIDE MANUFACTURER'S CONTROL ADAPTER CABLES FOR CONNECTING FAN TO CONTROL WIRE, PROVIDE UNIVERSAL MOUNTING BRACKET AND FOUR SAFETY MOUNTING CLIPS AND CABLES, PROVIDE WINGLET BLADE TIPS, INCLUDE FIRE SAFETY RELAY FOR EACH FAN.

RADIATION SCHEDULE - HOT WATER

TAG	CAPACITY				ELEMENT				ENCLOSURE			DESIGN BASIS		NOTES
	MBH	GPM	EWT	LWT	TIERS	LENGTH	TUBE	FINS/FT	STYLE	HEIGHT	DEPTH	MANUF.	MODEL	
F1	6.0	0.5	190°	160°	1	9'-0"	1	40	SLOPE TOP	20"	5-5/16"	STERLING	JVB-S	1,2,4,5,8
F2	6.0	0.5	190°	160°	1	5'-0"	1	40	SLOPE TOP	20"	5-5/16"	STERLING	JVB-S	1,2,4,5,7,8
F3	0.72	0.75	190°	160°	1	8'-0"	1	40	NA	NA	NA	STERLING	ELEMENT	2,3,4,6

NOTES:

1. WALL TO WALL 14 GAUGE ENCLOSURE.
2. 4-1/4" x 3-5/8" COPPER ALUMINUM FINS.
3. REPLACEMENT ELEMENT IN EXISTING CUSTOM ENCLOSURE.
4. INSULATE ALL PIPING IN ENCLOSURE, EXCEPT AT FINNED ELEMENT.
5. PROVIDE MATCHING 12" WIDE REMOVABLE ACCESS PANEL SECTION AT EACH END OF ENCLOSURE. LOCATE VALVES AND ACCESSORIES BEHIND REMOVABLE ACCESS SECTION. PROVIDE PERMANENT LABEL ON ACCESS PANEL LOCATED IN FRONT OF CONTROL VALVE.
6. REMOVE AND REPLACE EXISTING LINEAR BAR GRILLES IN FACE OF ENCLOSURE WITH NEW, SEE PLANS AND SUPPLY REGISTER SCHEDULE.
7. F2 IS THE SAME UNIT AS F1 ASIDE FROM THE CONTROL VALVE STRATEGY USED (F1 - 2-WAY, F2 - 3-WAY). REFER TO PIPING DIAGRAMS.
8. SEE RADIATION ENCLOSURE PLAN AT COLUMNS DETAIL.

PUMP SCHEDULE

TAG	TYPE	SERVICE	FLUID	CAPACITY		MOTOR			DESIGN BASIS		NOTES
				GPM	HEAD	RPM	HP	ELEC.	MANUF.	MODEL	
P1	INLINE	HEATING WATER	40% PROPYLENE GLYCOL	107	100	3450	7.5	208 / 3 / 60	TACO	KS 1506	1
P2	INLINE	HEATING WATER	40% PROPYLENE GLYCOL	107	100	3450	7.5	208 / 3 / 60	TACO	KS 1506	1
P3	INLINE	HEATING WATER	40% PROPYLENE GLYCOL	107	100	3450	7.5	208 / 3 / 60	TACO	KS 1506	1
P4	INLINE	HEATING WATER	40% PROPYLENE GLYCOL	18.9	18	3250	1/6	110 / 1 / 60	TACO	0013	2
P5	INLINE	HEATING WATER	40% PROPYLENE GLYCOL	32	25	1760	1/2	120 / 1 / 60	TACO	1615	2
P6	INLINE	HEATING WATER	40% PROPYLENE GLYCOL	30	25	1760	1/2	120 / 1 / 60	TACO	1615	2
P7	INLINE	RADIANT HEAT	40% PROPYLENE GLYCOL	2.2	25	3250	1/6	110 / 1 / 60	TACO	009	2

1. PROVIDE WITH VARIABLE SPEED DRIVE AND SHAFT GROUNDING RINGS ON PUMP MOTORS.
2. CONSTANT SPEED PUMP WITH MOTOR STARTER.

SPECIALTIES SCHEDULE

TAG	DESCRIPTION	SERVICE	CAPACITY		DESIGN BASIS		NOTES
			TOTAL VOLUME	ACCEPTED VOLUME	MANUFACTURER	MODEL	
SD	SUCTION DIFFUSER	-	-	-	TACO	SD	-
ET1	EXPANSION TANK	HOT WATER SYSTEM	212	61	TACO	800-125	-
AS1	AIR SEPARATOR	HOT WATER SYSTEM	-	-	TACO	ACF	W / STRAINER
AV1	AUTOMATIC AIR VENT	-	-	-	TACO	409	-
PG1	PRESSURE GAUGE	HOT WATER SYSTEM	-	-	A. WEISS	NF4S-2	0 - 100 PSI
PG2	PRESSURE GAUGE	HIGH TEMP HOT WATER SYSTEM	-	-	A. WEISS	NF4S-2	0 - 400 PSI
TH1	THERMOMETER	HOT WATER SYSTEM	-	-	A. WEISS	IVU	30° - 240°F
TH2	THERMOMETER	HIGH TEMP HOT WATER SYSTEM	-	-	A. WEISS	VBM	50° - 500°F
RV1	RELIEF VALVE	HOT WATER SYSTEM	-	-	KUNKLE	537	1-1/2" SET TO 80 PSI
CF1	CHEMICAL FEEDER	HOT WATER SYSTEM	-	-	NEPTUNE	DBFG-2	2 GALLON
EL1	EXPANSION LOOP	HOT WATER SYSTEM	-	-	METRAFLEX	ML	LINE SIZE
-	PIPE GUIDE	HOT WATER SYSTEM	-	-	METRAFLEX	PG-PRE	LINE SIZE
-	PIPE ANCHOR	HOT WATER SYSTEM	-	-	METRAFLEX	PA	LINE SIZE
WC1	WALL CAP	DRYER EXHAUST	-	-	FAMCO	DWV4	4" SIZE, CUSTOM COLOR
WC2	WALL CAP	RANGE HOOD	-	-	BROAN	843BL	8" SIZE BALANCE HOOD EXHAUST FAN TO PROVIDE 380 CFM VIA FAN SPEED CONTROLLER
LF1	INLINE LINT FILTER	LAUNDRY EXHAUST	-	-	CLEAN CYCLES SYSTEMS	LLSB-12	RATED FOR 2100 CFM
FH1	BRAIDED FLEXIBLE HOSE	HOT WATER SYSTEM	-	-	ENGINEERED FLEXIBLE PRODUCTS	PCS	SEE PLAN FOR SIZING

SUPPLY AIR DIFFUSER SCHEDULE

TAG	MAX CFM	MAX PD	MAX VEL.	FACE SIZE	NECK SIZE	NOISE CRITERIA (NC)	DESIGN BASIS		NOTES
							MANUFACTURER	MODEL	
SD1	500	.08	500	24"x24"	14" DIA.	<15	NAILOR	AUNI	1,2,3

1. ALUMINUM CONSTRUCTION, FULL FACE, PROVIDE SQUARE TO ROUND ADAPTER.
2. PROVIDE OPPOSED BLADE VOLUME DAMPER.
3. T-BAR CEILING.

EXHAUST AIR REGISTER SCHEDULE

TAG	MAX CFM	MAX. PD. @ 45° DEFLECTION	MAX VEL.	FACE SIZE	NECK SIZE	NOISE CRITERIA (NC)	DESIGN BASIS		NOTES
							MANUF.	MODEL	
ER1	200	0.08	500	13-3/4" x 7-3/4"	12" x 6"	18	NAILOR	5145H	1,2,3
ER2	225	0.05	400	13-3/4" x 8-3/4"	12" x 8"	<15	NAILOR	5145H	1,2,3
ER3	50	0.01	200	9-3/4" x 7-3/4"	8" x 6"	<15	NAILOR	5145H	1,2,3
ER4	75	0.03	300	9-3/4" x 7-3/4"	8" x 6"	<15	NAILOR	5145H	2,3,4
ER5	250	0.05	400	19-3/4" x 8-3/4"	18" x 6"	<15	NAILOR	5145H	1,2,3
ER6	75	0.03	300	9-3/4" x 7-3/4"	8" x 6"	<15	NAILOR	5145H	1,2,3
ER7	110	0.03	300	9-3/4" x 9-3/4"	8" x 8"	<15	NAILOR	5145H	1,3,5
ER8	400	0.05	400	23-3/4" x 11-3/4"	22" x 10"	17	NAILOR	5145H	1,2,3

1. PROVIDE APPROPRIATE FRAME FOR MOUNTING SURFACE.
2. PROVIDE OPPOSED BLADE VOLUME DAMPER.
3. ALUMINUM CONSTRUCTION.
4. REGISTER TO BE DUCT MOUNTED.
5. PROVIDE SQUARE TO ROUND ADAPTER.

SUPPLY AIR REGISTER SCHEDULE

TAG	MAX. CFM	MAX. PD. @ 45° DEFLECTION	MAX VEL.	FACE SIZE	NECK SIZE	NOISE CRITERIA (NC)	DESIGN BASIS		NOTES
							MANUFACTURER	MODEL	
SR1	200	0.07	500	13-3/4" x 7-3/4"	12" x 6"	<15	NAILOR	510V	1,2,3
SR2	250	0.04	400	15-3/4" x 8-3/4"	14" x 8"	<15	NAILOR	510V	1,2,3
SR3	50	0.02	300	9-3/4" x 7-3/4"	8" x 6"	<15	NAILOR	510V	1,2,3
SR4	50	0.02	300	9-3/4" x 7-3/4"	8" x 6"	<15	NAILOR	510V	1,2,4
SR5	2000	0.07	500	41-3/4" x 17-3/4"	40" x 16"	22	NAILOR	510V	1,2,3
SR6	100	0.04	400	9-3/4" x 7-3/4"	8" x 6"	<15	NAILOR	510V	1,2,3
SR7	50	0.02	300	7-3/4" x 7-3/4"	6" x 6"	<15	NAILOR	510V	1,2,3
SR8	110	0.04	400	9-3/4" x 9-3/4"	8" x 8"	<15	NAILOR	510V	1,3,5

1. ALUMINUM CONSTRUCTION.
2. PROVIDE ALUMINUM OPPOSED BLADE DAMPER.
3. PROVIDE APPROPRIATE FRAME FOR MOUNTING SURFACE.
4. DUCTWORK MOUNTED.
5. PROVIDE SQUARE TO ROUND ADAPTER

LOUVER SCHEDULE

TAG	TYPE	SERVICE	SIZE			MINIMUM FREE AREA (SQFT)	AIRFLOW			DESIGN BASIS		NOTES
			LENGTH	HEIGHT	DEPTH		CFM	MAX PD	WATER PENETRATION (FPM)	MANUFACTURER	MODEL	
L1	STATIONARY	MECH RM	20"	20"	6"	1.1	750	0.08	1033	AMERICAN WARMING	LE-33	1,2
L2	STATIONARY	MECH RM	20"	20"	6"	1.1	750	0.08	1033	AMERICAN WARMING	LE-33	1,2
L3	STATIONARY	ERU3	24"	24"	6"	1.75	900	0.08	1033	AMERICAN WARMING	LE-33	1
L4	STATIONARY	ERU3	24"	24"	6"	1.75	900	0.08	1033	AMERICAN WARMING	LE-33	1
L5A	STATIONARY	PENTHOUSE	100"	42"	6"	11.78	5650	0.05	1033	AMERICAN WARMING	LE-33	1,2
L5B	STATIONARY	PENTHOUSE	100"	42"	6"	11.78	4575	0.05	1033	AMERICAN WARMING	LE-33	1,2
L6A	STATIONARY	PENTHOUSE	36"	96"	6"	12.86	4250	0.05	1033	AMERICAN WARMING	LE-33	1,2
L6B	STATIONARY	PENTHOUSE	36"	96"	6"	12.86	4225	0.05	1033	AMERICAN WARMING	LE-33	1,2
L7	STATIONARY	LAUNDRY	30	36	6"	3.5	1980	0.1	1033	AMERICAN WARMING	LE-33	1,2
L8	STATIONARY	LAUNDRY	30	36	6"	3.5	1980	0.1	1033	AMERICAN WARMING	LE-33	3
L9	STATIONARY	RD APT	8"	8"	6"	0.25	100	0.1	1033	AMERICAN WARMING	LE-33	1
L10	STATIONARY	ELEC RM	24"	24"	6"	1.75	1500	0.1	1033	AMERICAN WARMING	LE-33	1,2
L11	STATIONARY	LOUNGE	12"	24"	6"	0.76	800	0.2	1033	AMERICAN WARMING	LE-33	1,2
L12	STATIONARY	STAIR 3	50"	42"	6"	6.0	500	0.08	1033	AMERICAN WARMING	LE-33	1,2
L13	STATIONARY	FIRE PUMP ROOM	36"	18"	6"	1.82	1500	0.08	1033	AMERICAN WARMING	LE-33	1,2
L14	STATIONARY	FIRE PUMP ROOM	36"	18"	6"	1.82	1650	0.08	1033	AMERICAN WARMING	LE-33	1,2
L15	STATIONARY	ATTIC MECH ROOM	50"	42"	6"	6.0	500	0.08	1033	AMERICAN WARMING	LE-33	1,2
L16	STATIONARY	ATTIC MECH ROOM	52"	25"	1.5"	3.4	500	0.05	371	AMERICAN WARMING	LE-15	1,2
L17	STATIONARY	WATER HEATER RM	24"	24"	6"	1.0	500	0.08	1033	AMERICAN WARMING	LE-33	1,2
L18	STATIONARY	WATER HEATER RM	24"	24"	6"	1.0	500	0.08	1033	AMERICAN WARMING	LE-33	1,2

1. ACCESSORIES TO INCLUDE: INSTALLATION FRAME AND GALVANIZED PVC COATED BIRDSCREEN. COORDINATE WITH THE ARCHITECT FOR COLOR AND SIZE SELECTIONS PRIOR TO SUBMITTING SHOP DRAWINGS.
2. PROVIDE WITH MOTORIZED DAMPER.
3. ACCESSORIES TO INCLUDE: INSTALLATION FRAME AND NO BACKDRAFT DAMPER, NO BIRDSCREEN.

SMALL ENERGY RECOVERY UNIT SCHEDULE

TAG	HEAT WHEEL DATA						FANS				FILTER		ELECTRICAL (PRE-HEATER)					ELECTRICAL (UNIT)					DESIGN BASIS		NOTES
	HEATING			COOLING			O.A. SUPPLY FAN		EXHAUST FAN																
	EAT	LAT	MBH	EAT	LAT	MBH	CFM	EXT. S.P.	CFM	EXT. S.P.	TYPE	MERV	VOLTS	PHASE	HZ	MCA	MOP	VOLTS	PHASE	HZ	MCA	MOP	MANUF.	MODEL	
ERU3	-1.0	57.6	59.9	95.0	78.7	25.7	750	1.25	850	1.25	PLEATED	13	208	1	60	24	25	208	1	60	6.5	15	SYSTEMAIR	ERV-RT-EC-1300	1,2,3,4

1. ACCESSORIES TO INCLUDE: FACTORY MOUNTED UNIT DISCONNECT, STARTERS, FILTER INDICATOR SWITCH, OUTSIDE AIR AND EXHAUST AIR BLOWER, ELECTRIC PRE-HEAT FROST CONTROL, WHEEL MONITOR & ECONOMIZER CONTROLS, OUTSIDE AIR AND EXHAUST AIR MOTORIZED DAMPERS.
2. PROVIDE ECM MOTORS, FACTORY MOUNTED AND WIRED CONTROLS, BUILDING DDC SYSTEM SHALL SIGNAL TO ENABLE AND DISABLE UNIT.
3. PROVIDE FACTORY SUPPLIED ELECTRIC PREHEAT PACKAGE TO INCLUDE DISCONNECT SWITCH (SHIPPED LOOSE), AND FACTORY WIRING FOR PREHEAT SYSTEM.
4. CASING SHALL BE CONFIGURED AS AN INDOOR UNIT WITH HORIZONTAL DUCT CONNECTIONS.

DASNY
DORMITORY AUTHORITY STATE OF NEW YORK
515 Broadway, Albany, New York 12207-2964
One Penn Plaza, 52 Floor, New York, New York 10119-0098
539 Franklin Street, Buffalo, New York 14202-1085
WWW.DASNY.ORG

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Consultants:

architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

SCHEDULES

Drawn By: MJC | Checked By: SCD | Date: 8-29-2018

Seal & Signature

STATE OF NEW YORK · STEVEN C. PITTS · 081463 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number

M702

Scale: 12" = 1'-0"

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ELECTRICAL SYMBOL LIST

WIRING
- Feeder or branch circuits
- Above ceiling or exposed
- Emergency Lighting Circuit
- Underground Electric — E
- Underground Telecommunications — T
- Underground Fire Alarm — F

Panel & circuit I.D. — Homerun — ???? — (20/2) — Circuit wiring type Type (unless otherwise noted) — # of circuits — Circuit breaker, (20/1) unless otherwise noted

LIGHTING
- Fluorescent or HID
- Fluorescent or HID (on emergency circuit) — EM
- Fluorescent, Incandescent, or HID — WALL — CLG
- Emergency Fluorescent, Incandescent or HID — WALL — CLG
- Exit — WALL — CLG

PANELBOARDS (PLAN VIEW)
- (120/208) VOLT

LOCAL SWITCHES
- Single pole
- Threeway — 3
- Fourway — 4
- Key operated — K
- With pilot light — P
- Momentary contact — MC
- Dimmer — D
- Motor overload — M
- Occupancy Sensor Wall Mounted — OS
- Vacancy Sensor — VS

FIRE ALARM SYSTEM
- Fire Alarm Control Panel — FACP
- Fire Alarm Remote Annunciator — FRA
- Speaker/Strobe indicates the strobe's candella — P # S #
- Speaker only — SP
- Visible signal indicates the strobe's candella — V #
- Detector — Heat H Smoke S
- Wall mounted Smoke Detector — S
- Carbon Monoxide Detector — Co
- Combination Smoke/ Carbon Monoxide Detector — CS
- Manual station — M
- Magnetic door holder
- Smoke damper — SD
- Combination Fire and Smoke damper — FD/SD
- Smoke duct detector — DS
- Fire Alarm Annunciator — FRA
- Flow Switch — FS
- Tamper Switch — TS
- Pressure Switch — PS
- Local Alarm Bell — B
- Control Module — CM
- Auxiliary Power Supply — AP
- Sprinkler Alarm Bell — B

OUTLETS
- Convenience outlets
- 1'-6" mounting height
- On emergency circuit — EM
- Special mounting height
- Ceiling mounted outlet
- Quad outlet, 1'-6" mounting height
- Special purpose (on emergency circuit)
- Simplex Twist Lock Receptacle
- Special purpose
- Telephone/Data
- Telephone wall mounted 48" AFF — W
- Television outlet — TV
- Junction Box — J
- Photocell — PC
- Contactor — C
- Cable Tray

EQUIPMENT
- Motor
- Disconnect switch — Switch size / Fuse size — DS
- Motor starter — MS
- Combination motor starter — Switch size / Fuse size — CMS
- Variable Speed Drive — VSD
- Unit heater — UH
- Exhaust fans — WALL — CLG
- Thermostat — T
- Equipment connection
- Pushbutton — PB

SECURITY ALARM SYSTEM
- Door Buzzer Control — B
- Intercom — I
- Keypad — K
- CCTV Camera — C
- Door Control Device — DC
- Door Operator Pushbutton — PB
- Emergency Phone — EP
- Electric Strike — E
- Door Contact — DC
- Proximity Reader — CR

GENERAL ABBREVIATIONS

Above Counter	AC
Above Finished Floor	AFF
Diameter	DIA
Down	DN
Drawing	DWG
Elevation	ELEV
Existing	EXIST
Feet	FT
Floor	FL
Flow Switch	FS
Horsepower	HP
Manufacturer	MFR
Mounted	MTD
Not Applicable	N/A
Not In Contract	NIC
Number	#
On Center	OC
Typical	TYP
Normally Open	NO
Normally Closed	NC

ONE-LINE DIAGRAMS
- Circuit breaker — Trip / # of poles / Frame size
- Panelboard — PNL ?? ?? ??
- Switch/Fuse unit — # / Fuse size
- Transformer

SUBSCRIPTS

Electric Water Cooler	EWC
Ground Fault Interrupting	GFI
Weatherproof	WP
Clock	CL
Mounted horizontally in Baseboard	BB
Mounted horizontally 6" Above Counter	AC
Existing to remain	E

ELECTRICAL ABBREVIATIONS

Breaker	BKR
Circuit	CKT
Conduit	C
Galvanized rigid steel conduit	GRSC
Ground	G
Pair	PR
Shielded	SH
Switch Board	SB
Twisted	TW
Telephone Back Board	TBB
Transformer	XFMR
Variable Speed Drive	VSD

LIGHTING FIXTURE SCHEDULE

LABEL	TYPE	DESCRIPTION	LAMPS	VOLTS	DRIVER	MOUNT	MANUFACTURER	NOTES
A	LED	5-1/16"Wx 4' SURFACE FIXTURE: EXTRUDED ALUMINUM HOUSING AND MOUNTING PLATE, FINISH - MATT WHITE. EXTRUDED ACRYLIC BEAM SHAPING LENS, INDIRECT ASYMETRIC, 5 YEAR WARRANTY	LED 3000°K 2561 LUMENS 28.9W	120V	350MA 120-277V	SURFACE WALL	ELLIPTAR S144-R04L-S-22-A4-L-O-30-EL OR EQUAL	SURFACE WALL MTD 9" DOWN FROM CEILING, REFER TO ARCH, ELEVATIONS.
A1	LED	5-1/16"Wx 4' SURFACE FIXTURE: EXTRUDED ALUMINUM HOUSING AND MOUNTING PLATE, FINISH - MATT WHITE. EXTRUDED ACRYLIC BEAM SHAPING LENS, INDIRECT ASYMETRIC, 5 YEAR WARRANTY.	LED 3000°K 2561 LUMENS 28.9W	120V	DIMMING 0-10V	SURFACE WALL	ELLIPTAR S144-R04L-S-22-A4-L-O-30-EL OR EQUAL	SURFACE WALL MTD 9" DOWN FROM CEILING, REFER TO ARCH, ELEVATIONS. PROVIDE COMPATIBLE DIMMER SWITCH PER MANUFACTURES RECOMMENDATIONS.
B	LED	18G ZINC ROLLED STEEL STAIRWELL FIXTURE, UV STABILIZED POLYCARBONATE LENS AND END CAPS, 56W LED, ULTRASONIC OCC SENSOR AND 0-10V DIMMING DRIVER FOR HIGHLOW MODE	LED 3000°K 59W	120V	STEP DIM	SURFACE WALL MTD	LUMINARE TSL-9-4-56LWHP-3000-SD-120-OP-WHT OR EQUAL	SURFACE WALL MTD TO EXISTING JUNCTION BOXES IN EXISTING STAIRS
B1	LED	18G ZINC ROLLED STEEL STAIRWELL FIXTURE, UV STABILIZED POLYCARBONATE LENS AND END CAPS, 25W LED, ULTRASONIC OCC SENSOR AND 0-10V DIMMING DRIVER FOR HIGHLOW MODE	LED 3000°K 25W	120	STEP DIM	SURFACE WALL MTD	LUMINARE TSL-9-2-25LN-3000-SD-120-OP-WHT OR EQUAL	SURFACE WALL MTD TO EXISTING JUNCTION BOXES IN EXISTING STAIRS
B2	LED	3" WALL MOUNTED DIRECT/INDIRECT ILLUMINATION, EXTRUDED ALUMINUM HOUSING, EXTRUDED ACRYLIC LENS	LED 3000°K 56.7W	120	STEP DIM	SURFACE WALL MTD	MERCURY ARCHITECTURAL LIGHTING ML53-W04-45-1075-500-30K-HTA-1C-U-WHT OR EQUAL	SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT. TOP OF FIXTURE @ 5'-6" ABOVE ENTRY FLOOR LEVEL.
C	LED	4" ROUND SHALLOW DOWNLIGHT, 2-1/4" DEEP, 20 GAUGE COLD ROLLED STEEL HOUSING,	LED 28W 1496 LM	UNV	-	CEILING RECESSED	ALPHABET NUM-R2STUD-20LM-30K-80-GHB5-120-NC-WHWH OR EQUAL	
C1	LED	4" ROUND SHALLOW DOWNLIGHT, 2-1/4" DEEP, 20 GAUGE COLD ROLLED STEEL HOUSING,	LED 28W 1496 LM	UNV	DIMMING 0-10V	CEILING RECESSED	ALPHABET NUM-R2STUD-20LM-30K-80-GHB5-120-NC-WHWH OR EQUAL	
D	LED	DOWNLIGHT: LENSED 4" DIAMETER APERTURE WITH LENSCEILING THICKNESS, 80 DEGREE REFLECTOR	16.5W 1130LM 3000°K	120	-	CEILING RECESSED	ALPHABET NUM-R1DV-XTM19-13LM-30K-83-HE80-120-NC-WHWH OR EQUAL	PROVIDE DIMMER DRIVER FOR FIXTURES LOCATED IN ROOM 019.
E	LED	CAST ALUMINUM ENCLOSED HOUSING, CAST ALUMINUM HEAT DISSIPATING FINS, BROSILICATE FROSTED GLASS DIFFUSER, CAST ALUMINUM DOUBLE CROSS BLADES	18W 880LM 3000°K	120V	-	CEILING RECESSED	LUMINIS NTM04F4, 1W18-18W-880-80-0000K-120-WHT OR EQUAL	
F1	LED	DOWNLIGHT: LENSED 4" DIAMETER APERTURE WITH LENSCEILING THICKNESS, 80 DEGREE REFLECTOR	12.4W 874LM 3000°K	120V	-	CEILING RECESSED	ALPHABET NUM-R1DV-XTM19-13LM-30K-83-HE80-120-NC-WHWH OR EQUAL	
G	LED	3" DIAMETER ROUND WALL MOUNTED 4'-0" L DIRECT FIXTURE, EXTRUDED ALUMINUM HOUSING, LOW-OUTPUT LAMPING, HIGH TRANSMISSION, CLEAR LENS WITH FROSTED FILM	LED 3000°K 641LM/FT 7.3W/LF	UNV	-	SURFACE WALL	ARCHITECTURAL LIGHTING WORKS LIGHTPLANE #RLPSWL3,4-4-L-OW4-LED-EXT-WH-120 OR EQUAL	SURFACE WALL MTD 6'-8" AFF, REFER TO ARCH, ELEVATIONS
H	LED	4" SQUARE DOWNLIGHT, 4-3/8" DEEP, ELECTROCOATED 16 GAUGE COLD ROLLED STEEL HOUSING, INJECTION MOLDED LEXAN BEZEL TRIM, ANODIZED HEAT SINK	36.5W LED 3000°K 2750 LM	120 V	0-10V DIMMING DRIVER	CEILING RECESSED	ALPHABET NUM-XTM19-40LM-30K-83-HE69-120-DIM10-NC-WHWH OR EQUAL	PROVIDE COMPATIBLE DIMMER PER MANUFACTURES RECOMMENDATIONS
H1	LED	4" SQUARE ADJUSTABLE DOWNLIGHT, 4-3/8" DEEP, ELECTROCOATED 16 GAUGE COLD ROLLED STEEL HOUSING, INJECTION MOLDED LEXAN BEZEL TRIM, ANODIZED HEAT SINK, SLOPED CEILING ADAPTOR	28.8W LED 3000°K 2360 LM	120 V	-	CEILING RECESSED	ALPHABET NUM-QA-XTM19-27LM-30K-83-HEQ70-120-NC-WH OR EQUAL	
H2	LED	4" SQUARE DOWNLIGHT, 4-3/8" DEEP, ELECTROCOATED 16 GAUGE COLD ROLLED STEEL HOUSING, INJECTION MOLDED LEXAN BEZEL TRIM, ANODIZED HEAT SINK.	46.85W LED 3000°K 3430 LM	120 V	-	CEILING RECESSED	ALPHABET NUM-XTM19-40LM-30K-83-HE69-120-NC-WHWH OR EQUAL	PROVIDE COMPATIBLE DIMMER PER MANUFACTURES RECOMMENDATIONS
I	LED	2X2 HIGH EFFICIENCY LED FLAT PANEL, EDGE LIT DESIGN, WHITE FRAME, MITSUBISHI PMMA LIGHT GUIDE	LED 30W 3750LM	UNV	0-10V DIMMING DRIVER	CEILING RECESSED	TOPAZ LTG. F4-22/ 30/ 835/ D/ HE2 OR EQUAL	PROVIDE COMPATIBLE DIMMER PER MANUFACTURES RECOMMENDATIONS
J	LED	4'-0" INDUSTRIAL FIXTURE: HEAVY GAUGE COLD ROLLED STEEL, HIGH TRANSMISSION ACRYLIC, SIDE REFLECTORS	30.9W 3500°K 4500LM	UNI	-	SURFACE/ PENDANT	MERCURY LIGHTING LWH-4-4500-35K-HTA-SXX-UNI-SR-AC48 OR EQUAL	
J1	LED	2'-0" INDUSTRIAL FIXTURE: HEAVY GAUGE COLD ROLLED STEEL, HIGH TRANSMISSION ACRYLIC,	22W 3500°K 2500LM	UNI	-	SURFACE/ WALL	MERCURY LIGHTING LWH-2-2500-35K-HTA-SXX-UNI OR EQUAL	
J2	LED	4'-0" INDUSTRIAL FIXTURE: HEAVY GAUGE COLD ROLLED STEEL, HIGH TRANSMISSION ACRYLIC,	30.9W 3500°K 4500LM	UNI	-	SURFACE/ WALL	MERCURY LIGHTING LWH-4-4500-35K-HTA-SXX-UNI OR EQUAL	MOUNT FIXTURE CENTERED BETWEEN TOP OF DOOR AND CEILING
K	LED	2X4 HIGH EFFICIENCY LED FLAT PANEL, EDGE LIT DESIGN, WHITE FRAME, MITSUBISHI PMMA LIGHT GUIDE	LED 40W 5000LM	UNV	-	CEILING RECESSED	TOPAZ LTG. F4-24/ 40/ 835/ HE2 OR EQUAL	
K1	LED	2X4 HIGH EFFICIENCY LED FLAT PANEL, EDGE LIT DESIGN, WHITE FRAME, MITSUBISHI PMMA LIGHT GUIDE	LED 40W 5000LM	UNV	0-10V DIMMING DRIVER	CEILING RECESSED	TOPAZ LTG. F4-24/ 40/ 835/ D/ HE2 OR EQUAL	PROVIDE COMPATIBLE DIMMER PER MANUFACTURES RECOMMENDATIONS
L	LED	VAPORPROOF LED FIXTURE, GLASS GLOBE WITH GUARD, WALL BRACKET MOUNT, ALUMINUM CONSTRUCTION	LED 18.7W 300ma	MVOLT	-	SURFACE WALL MTD	HUBBELL VBLU115-JVL15LGJ/CG-15, OR EQUAL	
M	LED	LINEAR COVE LED LIGHT, DIE CAST ALUMINUM HEAT SINK RACEWAY, MOLDED POLYCARBONATE LENS COVER, COVE SHIELD INCLUDED	LED 8WFT 654 LM/FT	UNV	-	SURFACE COVE MTD	TEMPO ARCHITECTURAL PFXC-R-CVH-120-8-335-WH-6 OR EQUAL	PROVIDE WITH SHIELD PROFILE AS REQUIRED
N	LED	NOT USED	-	-	-	-	-	-
O	LED	5-1/2"x72" FIXTURE: MARINE GRADE EXTRUDED ALUMINUM HOUSING WITH UV STABILIZED FROSTED EXTRUDED POLYCARBONATE LENS, CLOSED CELL NEOPRENE GASKETS, FINISH - CUSTOM TO MATCH DOOR FRAME FINISH, FOUR (4) ADVANCE XITANIUM DRIVERS - TOTAL INPUT WATTS (68). UL LISTED FOR WET LOCATION, PROVIDE TORX ® HEAD BIT, FULL CUTOFF OPTICS	30W 3072LM DELIVERED 3000°K,	120 V	-	WALL SURFACE MTD @ TOP OF DOOR FRAME	LUMINAIRE IMAEL 72 32W LED-120-DIR-CUST-PC-TX/SD, OR EQUAL	
P	LED	NOT USED	-	-	-	-	-	
Q	LED	NOT USED	-	-	-	-	-	
R	LED	DECORATIVE 12" SUSPENDED FIXTURE: 12" SQUARE, WHITE SANDBLASTED ACRYLIC DIFFUSER, STEEL POWDER COATED FINISH FIXTURE COLLAR AND MOUNTING CANOPY, STANDARD OUTPUT LED SYSTEM	11.5W 670 LM	120V	-	CEILING SUSPENDED 8'-6" AFF TO BOTTOM OF FIXTURE	3G LIGHTING 3G-PKU-120-L-2-35K-120-WH-60 OR EQUAL	
R1	LED	DECORATIVE 8" SUSPENDED FIXTURE: 8" SQUARE, WHITE SANDBLASTED ACRYLIC DIFFUSER, STEEL POWDER COATED FINISH FIXTURE COLLAR AND MOUNTING CANOPY, STANDARD OUTPUT LED SYSTEM	11.5W 670 LM	120 V	-	CEILING SUSPENDED 8'-6" AFF TO BOTTOM OF FIXTURE	3G LIGHTING 3G-PKU-80-L-2-35K-120-WH-60 OR EQUAL	
T	LED	NOT USED	-	-	-	-	-	-
U	LED	NOT USED	-	-	-	-	-	-
V	LED	NOT USED	-	-	-	-	-	-
X	LED	T-BAR LED SMART LIGHT, UNIVERSAL MOUNTING BRACKETS, ANODIZED AND PAINTED ALUMINUM EXTRUSION BODY, STEEL MOUNTING CLIPS, WHITE PC END CAPS, DIFFUSING LENS WITH REMOTE DRIVER, AS PER MANUFACTURERS RECOMMENDATIONS, (1) DRIVER FOR 10 LINEAR FEET, 1736-2430 LUMENS	10W/20W LED 3000°K	MVOLT	-	LOCATE AT NON MAIN GRID SECTIONS	PARAFLEX GRIDLITE GTL24-3000K TBSL-HW-2/4-C-I-UW OR EQUAL	
X1	LED	T-BAR LED SMART LIGHT, UNIVERSAL MOUNTING BRACKETS, ANODIZED AND PAINTED ALUMINUM EXTRUSION BODY, STEEL MOUNTING CLIPS, WHITE PC END CAPS, DIFFUSING LENS WITH REMOTE DRIVER, AS PER MANUFACTURERS RECOMMENDATIONS, (1) DRIVER FOR 10 LINEAR FEET, 1736-2430 LUMENS	10W/20W LED 3000°K	MVOLT	0-10V DIMMING	LOCATE AT NON MAIN GRID SECTIONS	PARAFLEX GRIDLITE GTL24-3000K TBSL-HW-2/4-C-I-UW OR EQUAL	
EX	LED	THERMO PLASTIC HOUSING WITH STENCIL FACE AND GREEN LETTERS, NUMBER OF FACES AND DIRECTIONAL ARROWS AS DETERMINED BY ARCHITECTURAL DRAWINGS	LED	MVOLT	-	SURFACE WALL/CEILING	EMERGICUBE VI-PRU-A-C-R-BA OR EQUAL	

1. PROVIDE FIXTURE WHIPS FOR ALL FIXTURES REQUIRING THEM.
2. LIGHTING FIXTURE FINISH(ES) SHALL BE VERIFIED BY ARCHITECT PRIOR TO ORDERING FIXTURE(S).
3. REFER TO ARCHITECTURAL ELEVATIONS FOR COORDINATION OF ALL FIXTURE MOUNTING HEIGHTS AND LOCATIONS.
4. CONTRACTOR SHALL VERIFY CEILING TYPES FOR FIXTURES PRIOR TO ORDERING FIXTURE(S).
5. PROVIDE GENERATOR TRANSFER DEVICE (BOXINE #GTD) IN FIXTURES AS INDICATED ON DRAWINGS.
6. PROVIDE RED DOT STICKER TO EACH EMERGENCY FIXTURE SO CAMPUS CAN IDENTIFY EMERGENCY FIXTURES. COORDINATE WITH CAMPUS.

DASNY
DORMITORY AUTHORITY STATE OF NEW YORK
515 Broadway, Albany, New York 12207-2964
One Penn Plaza, 52 Floor, New York, New York 10119-0098
539 Franklin Street, Buffalo, New York 14202-1018
WWW.DASNY.ORG

Consultants:
architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

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STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

SYMBOLS LEGEND & LIGHTING FIXTURE SCHEDULE

Drawn By: MLS | Checked By: JLM | Date: 8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number
E001

Scale: 12" = 1'-0"

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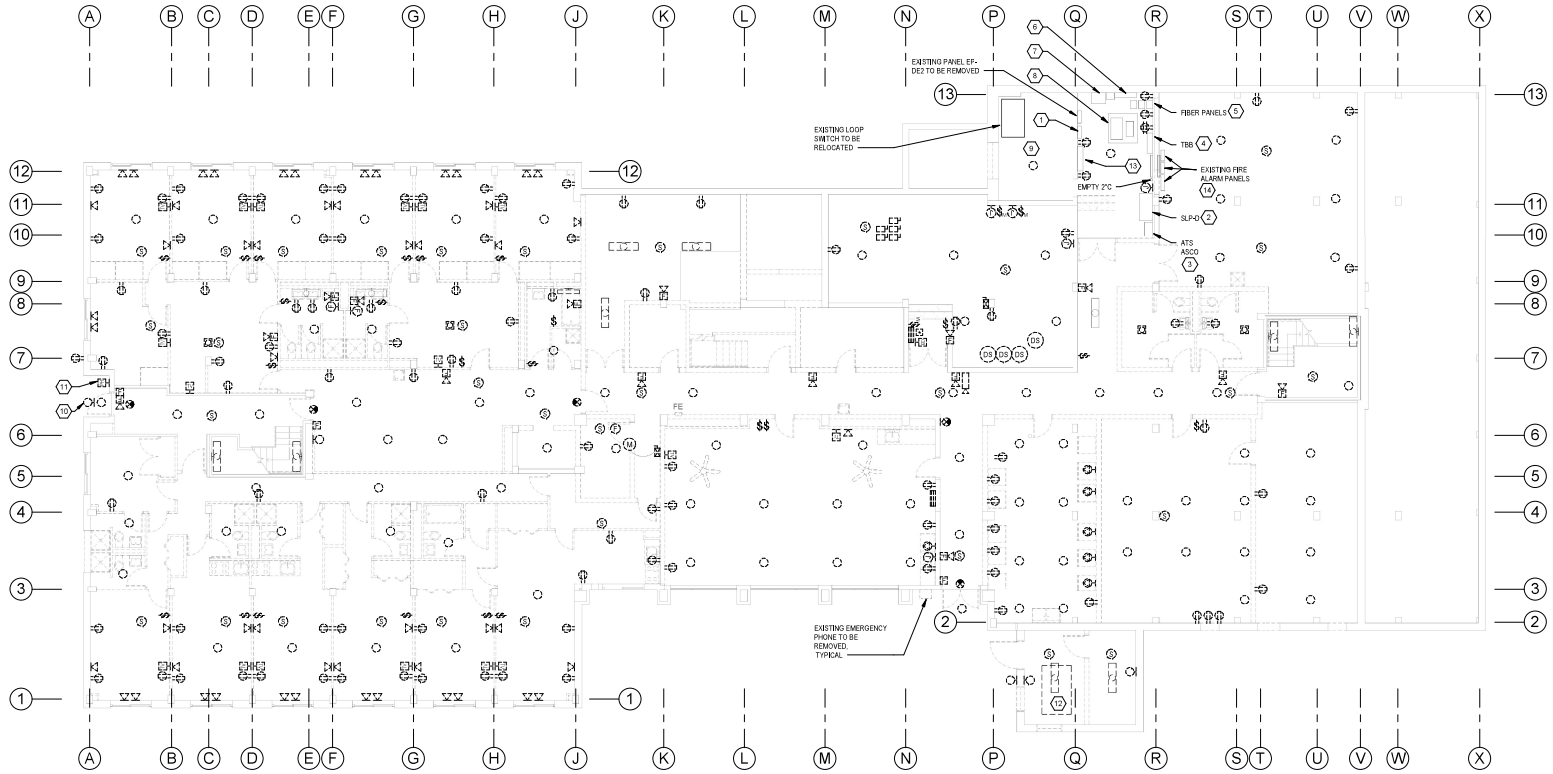

1 BASEMENT REMOVAL PLAN
1/8" = 1'-0"

KEYED NOTES

1. EXISTING PANEL EP-DE1 TO BE REMOVED. EXISTING 100A 3-POLE CIRCUIT BREAKER THAT FEEDS SEWAGE PUMPS SHALL BE RELOCATED TO A NEW 200A TEMPORARY PANEL. FIELD LOCATE PANEL AS REQUIRED. THIS CIRCUIT SHALL REMAIN IN SERVICE AND ENERGIZED FOR THE DURATION OF CONSTRUCTION, UNTIL NEW POWER SYSTEMIS ACTIVE. PROVIDE TEMPORARY GENERATOR TO POWER TEMPORARY PANEL WHEN THE NORMAL ELECTRICAL SERVICE IS NOT AVAILABLE DUE TO SERVICE UPGRADES. ONCE POWER SYSTEMIS ACTIVE RELOCATE CIRCUITS TO NEW PANEL AS INDICATED ON PANEL SCHEDULES. EXISTING CONDUIT ROUTING MUST BE FIELD VERIFY AND PROTECTED DURING CONSTRUCTION.

2. EXISTING PANEL TO BE REMOVED. EXISTING SITE LIGHTING CIRCUITS FED FROM THIS PANEL SHALL BE RELOCATED TO A NEW 200A TEMPORARY PANEL INDICATED ABOVE. THESE SITE LIGHTING CIRCUITS SHALL REMAIN IN SERVICE AND ENERGIZED FOR THE DURATION OF CONSTRUCTION, UNTIL NEW POWER SYSTEMIS ACTIVE. ONCE POWER SYSTEM IS ACTIVE RELOCATE CIRCUITS TO NEW PANELS AS INDICATED ON PANEL SCHEDULES. EXISTING CONDUIT ROUTING MUST BE FIELD VERIFY AND PROTECT DURING CONSTRUCTION.

3. EXISTING TRANSFER SWITCH TO BE REMOVED.

4. EXISTING TB TO BE REMOVED.

5. EXISTING FIBER PANELS TO REMAIN.

6. EXISTING INCOMING CABLE TV ENTRANCE TO BE REMOVED.

7. EXISTING FIRE ALARM FIBER ENTRANCE TO REMAIN.

8. EXISTING RACK TO BE REMOVED.

9. THE EXISTING TRANSFORMER WILL NEED TO BE DISMANTLED PRIOR TO REMOVING IT FROM THE BUILDING. THE TRANSFORMER IS TO BE RELOCATED TO AN ON CAMPUS LOCATION AS DIRECTED BY THE OWNERS REPRESENTATIVE. CONTRACTOR SHALL REASSEMBLE THE TRANSFORMER IN THIS NEW LOCATION.

10. EXISTING BLUE LIGHT TO BE REMOVED, AND TURNED OVER TO THE OWNER.

11. EXISTING CAMPUS TELEPHONE TO BE REMOVED, AND TURNED OVER TO THE OWNER.

12. EXISTING GENERATOR SHALL BE REMOVED AND TURNED OVER TO THE OWNER. COORDINATE LOCATION FOR GENERATOR TO BE RELOCATED WITH OWNER REPRESENTATIVE. REMOVE EXISTING DOOR AS REQUIRED TO REMOVE GENERATOR FROM ITS EXISTING LOCATION.

13. EXISTING SWITCHBOARD TO BE REMOVED.

14. EXISTING FIRE ALARM PANELS TO BE REMOVED.

REMOVAL GENERAL NOTES

1. ASBESTOS AND PCBS MUST BE ABATED COMPLETELY PRIOR TO ANY TASK UNLESS REMOVAL IS REQUIRED TO ACCESS THE ASBESTOS OR PCBS. IF ASBESTOS OR SUSPECTED HAZARDOUS MATERIALS ARE DISCOVERED AND OR DISTURBED, CEASE OPERATIONS AND NOTIFY OWNER AND/OR OWNER'S REPRESENTATIVE IMMEDIATELY.

2. PROVIDE NEW BLANK COVERS FOR ALL EXISTING DEVICE LOCATIONS RECESSED IN BLOCK WALLS NOT BEING RE-USED. COORDINATE WITH NEW WORK.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO BID DATE AND VERIFYING THE EXACT EXTENT OF THE EXISTING CONDITIONS.

4. CONTRACTOR SHALL PROVIDE AND INSTALL TEMPORARY HEAT DETECTORS. REFER TO DRAWING E407 FOR TEMPORARY HEAT DETECTOR PLANS. THE HEAT DETECTORS SHALL REMAIN ACTIVE UNTIL NEW DEVICES ARE INSTALLED AND SYSTEMIS OPERATIONAL AND APPROVED FOR USE.

5. REMOVE EXISTING FIRE ALARM DEVICES AND TURN OVER TO OWNER. CONTRACTOR SHALL PROVIDE OWNER WITH RECEIPT FOR EXACT QUANTITIES OF DEVICES THAT WERE REMOVED.

6. CONTRACTOR SHALL REMOVE ALL WIREMOLD AS REQUIRED FOR THE SCOPE OF THE REMOVAL.

7. CONTRACTOR SHALL COORDINATE WITH DIV 23 FOR REMOVING POWER FEEDS TO MECHANICAL EQUIPMENT BEING REMOVED. REMOVE EXISTING WIRE AND CONDUIT BACK TO SOURCE.

8. REFER TO DRAWING E501 FOR ADDITIONAL REMOVAL INFORMATION.

9. REMOVE EXISTING CARD ACCESS SYSTEM AS REQUIRED. SECURITY DOOR HARDWARE SHALL BE BOXED BY PART TYPE, CATALOGUED, AND TURNED OVER TO THE OWNER.

10. REMOVE ALL WIRING AND ASSOCIATED RACEWAY, FOR DEVICES TO BE REMOVED BACK TO SOURCE, TYPICAL.

11. EXISTING GENERATOR TO BE REMOVED AND TURNED OVER TO THE OWNER. COORDINATE WITH OWNER REPRESENTATIVE.

12. REFER TO HM DRAWINGS FOR REQUIRED LIGHT FIXTURE ABATEMENT.

13. REMOVE AND RETAIN THE FOLLOWING ITEMS TO BE HANDED OVER TO THE OWNER: FIRE ALARM PANELS AND DEVICES. CARD READERS. POWER SUPPLIES AND ALL ASSOCIATED EQUIPMENT. EMERGENCY GENERATOR. ALL EQUIPMENT TO BE PROTECTED FROM DAMAGE AND TO BE IN WORKING ORDER. COORDINATE WITH OWNER ON WHERE TO LOCATE/STORE REMOVED EQUIPMENT.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

NORTH

DASNY
DORMITORY AUTHORITY STATE OF NEW YORK
515 Broadway, Albany, New York 12207-2964
One Penn Plaza, 52 Floor, New York, New York 10119-0098
539 Franklin Street, Buffalo, New York 14202-1109
WWW.DASNY.ORG

Consultants:
architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

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BASEMENT REMOVAL PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number
E101

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

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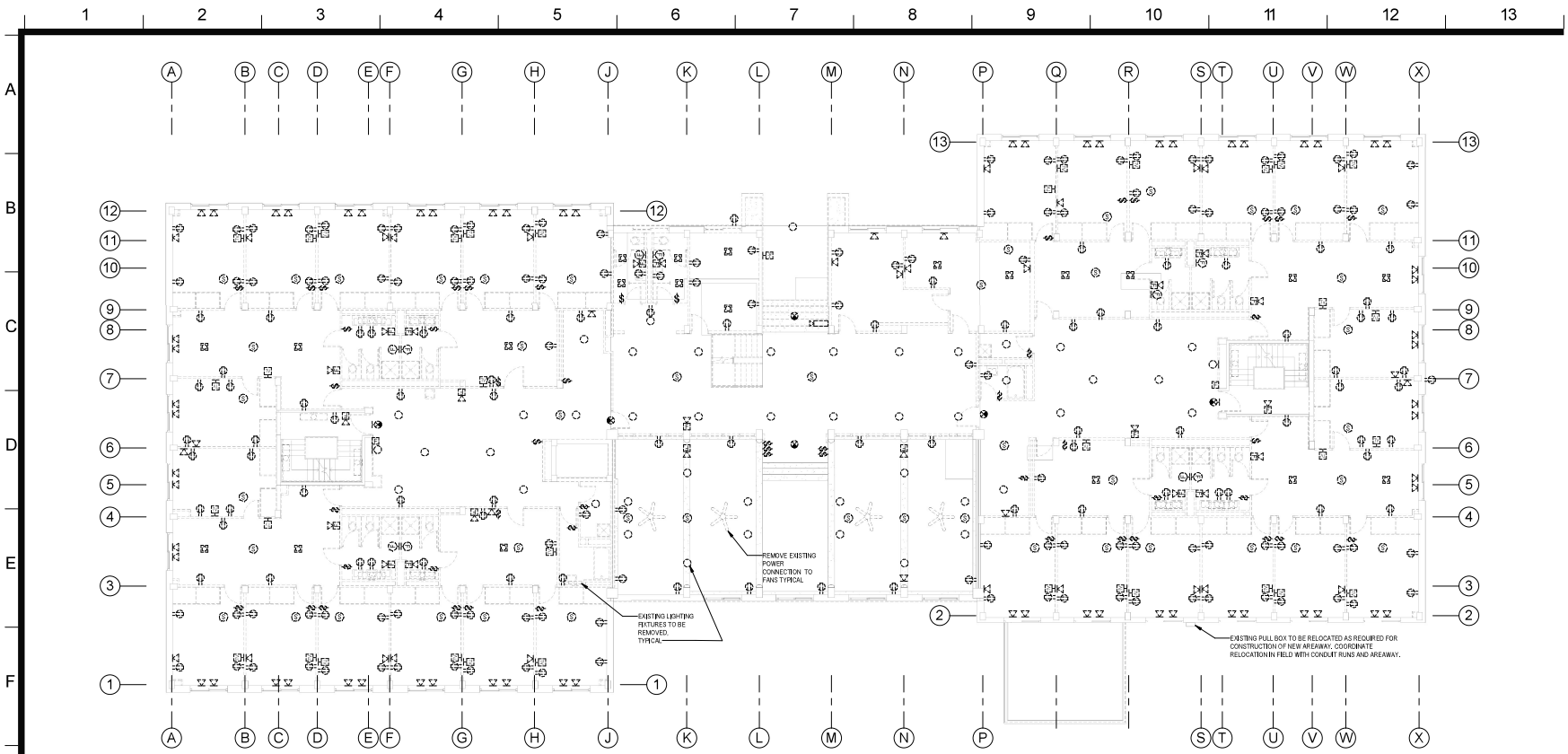

1 FIRST FLOOR REMOVAL PLAN
1/8" = 1'-0"

REMOVAL GENERAL NOTES

1. ASBESTOS AND PCBS MUST BE ABATED COMPLETELY PRIOR TO ANY TASK UNLESS REMOVAL IS REQUIRED TO ACCESS THE ASBESTOS OR PCBS. IF ASBESTOS OR SUSPECTED HAZARDOUS MATERIALS ARE DISCOVERED AND OR DISTURBED, CEASE OPERATIONS AND NOTIFY OWNER AND/OR OWNER'S REPRESENTATIVE IMMEDIATELY.
2. IF ASBESTOS AND/OR SUSPECT MATERIALS ARE DISTURBED AND/OR ENCOUNTERED, CEASE OPERATIONS AND NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY.
3. PROVIDE NEW BLANK COVERS FOR ALL EXISTING DEVICE LOCATIONS RECESSED IN BLOCK WALLS NOT BEING RE-USED. COORDINATE WITH NEW WORK.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO BID DATE AND VERIFYING THE EXACT EXTENT OF THE EXISTING CONDITIONS.
5. CONTRACTOR SHALL PROVIDE AND INSTALL TEMPORARY HEAT DETECTORS. REFER TO DRAWING E407 FOR TEMPORARY HEAT DETECTOR PLANS. THE HEAT DETECTORS SHALL REMAIN ACTIVE UNTIL NEW DEVICES ARE INSTALLED AND SYSTEMIS OPERATIONAL AND APPROVED FOR USE.
6. EXISTING FIRE ALARM DEVICES SHALL BE REMOVED AND TURNED OVER TO OWNER. CONTRACTOR SHALL PROVIDE OWNER WITH RECEIPT FOR EXACT QUANTITIES OF DEVICES THAT WERE REMOVED.
7. CONTRACTOR SHALL REMOVE ALL WIREMOLD AS REQUIRED FOR THE SCOPE OF THE REMOVAL.
8. CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR REMOVING POWER FEEDS TO MECHANICAL EQUIPMENT BEING REMOVED. REMOVE EXISTING WIRE AND CONDUIT BACK TO SOURCE.
9. REFER TO DRAWING E501 FOR ADDITIONAL REMOVAL INFORMATION.
10. REMOVE EXISTING CARD ACCESS SYSTEM AS REQUIRED. SECURITY DOOR HARDWARE SHALL BE BOXED BY PART TYPE, CATALOGUED, AND TURNED OVER TO THE OWNER.
11. REMOVE ALL WIRING AND ASSOCIATED RACEWAY, FOR DEVICES TO BE REMOVED BACK TO SOURCE, TYPICAL.
12. REFER TO HM DRAWINGS FOR REQUIRED LIGHT FIXTURE ABATEMENT.
13. REMOVE AND RETAIN THE FOLLOWING ITEMS TO BE HANDED OVER TO THE OWNER: FIRE ALARM PANELS AND DEVICES, CARD READERS, POWER SUPPLIES AND ALL ASSOCIATED EQUIPMENT, EMERGENCY GENERATOR, ALL EQUIPMENT TO BE PROTECTED FROM DAMAGE AND TO BE IN WORKING ORDER. COORDINATE WITH OWNER ON WHERE TO LOCATE/STORE REMOVED EQUIPMENT.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

FIRST FLOOR REMOVAL PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

STATE OF NEW YORK · STATE OF EMERGENCY · LICENSED PROFESSIONAL ENGINEER · 081455

DASNY Project No: 341830

Drawing Number

E102

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

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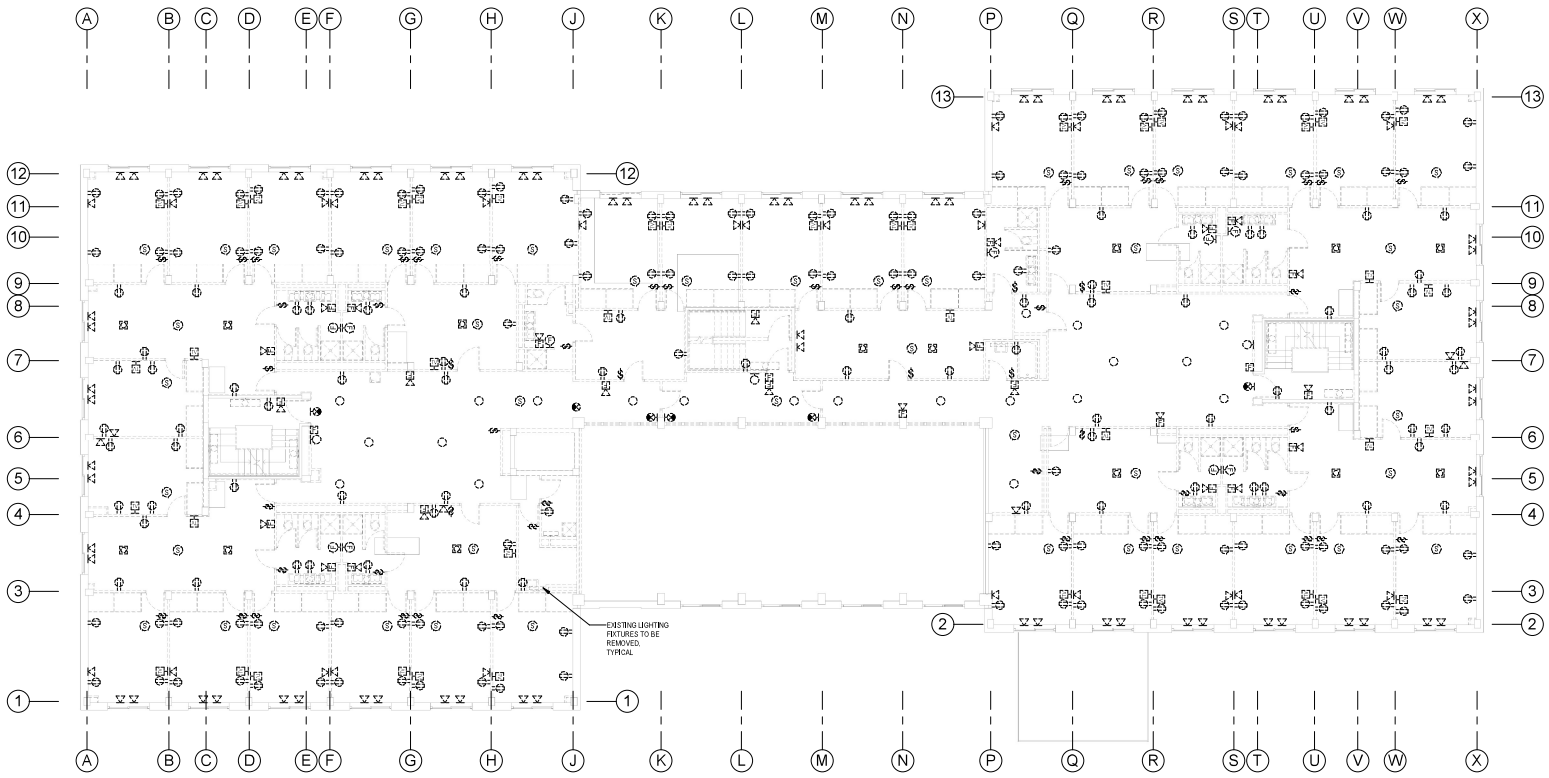

1 SECOND FLOOR REMOVAL PLAN
1/8" = 1'-0"

REMOVAL GENERAL NOTES

1. ASBESTOS AND PCBS MUST BE ABATED COMPLETELY PRIOR TO ANY TASK UNLESS REMOVAL IS REQUIRED TO ACCESS THE ASBESTOS OR PCBS. IF ASBESTOS OR SUSPECTED HAZARDOUS MATERIALS ARE DISCOVERED AND OR DISTURBED, CEASE OPERATIONS AND NOTIFY OWNER AND/OR OWNER'S REPRESENTATIVE IMMEDIATELY.
2. IF ASBESTOS AND/OR SUSPECT MATERIALS ARE DISTURBED AND/OR ENCOUNTERED, CEASE OPERATIONS AND NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY.
3. PROVIDE NEW BLANK COVERS FOR ALL EXISTING DEVICE LOCATIONS RECESSED IN BLOCK WALLS NOT BEING RE-USED. COORDINATE WITH NEW WORK.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO BID DATE AND VERIFYING THE EXACT EXTENT OF THE EXISTING CONDITIONS.
5. CONTRACTOR SHALL PROVIDE AND INSTALL TEMPORARY HEAT DETECTORS. REFER TO DRAWING E407 FOR TEMPORARY HEAT DETECTOR PLANS. THE HEAT DETECTORS SHALL REMAIN ACTIVE UNTIL NEW DEVICES ARE INSTALLED AND SYSTEM IS OPERATIONAL AND APPROVED FOR USE.
6. EXISTING FIRE ALARM DEVICES SHALL BE REMOVED AND TURNED OVER TO OWNER. CONTRACTOR SHALL PROVIDE OWNER WITH RECEIPT FOR EXACT QUANTITIES OF DEVICES THAT WERE REMOVED.
7. CONTRACTOR SHALL REMOVE ALL WIREMOLD AS REQUIRED FOR THE SCOPE OF THE REMOVAL.
8. CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR REMOVING POWER FEEDS TO MECHANICAL EQUIPMENT BEING REMOVED. REMOVE EXISTING WIRE AND CONDUIT BACK TO SOURCE.
9. REFER TO DRAWING E501 FOR ADDITIONAL REMOVAL INFORMATION.
10. REMOVE EXISTING CARD ACCESS SYSTEM AS REQUIRED. SECURITY DOOR HARDWARE SHALL BE BOXED BY PART TYPE, CATALOGUED, AND TURNED OVER TO THE OWNER.
11. REMOVE ALL WIRING AND ASSOCIATED RACEWAY, FOR DEVICES TO BE REMOVED BACK TO SOURCE, TYPICAL.
12. REFER TO HM DRAWINGS FOR REQUIRED LIGHT FIXTURE ABATEMENT.
13. REMOVE AND RETAIN THE FOLLOWING ITEMS TO BE HANDED OVER TO THE OWNER: FIRE ALARM PANELS AND DEVICES, CARD READERS, POWER SUPPLIES AND ALL ASSOCIATED EQUIPMENT, EMERGENCY GENERATOR, ALL EQUIPMENT TO BE PROTECTED FROM DAMAGE AND TO BE IN WORKING ORDER. COORDINATE WITH OWNER ON WHERE TO LOCATE/STORE REMOVED EQUIPMENT.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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539 Franklin Street, Buffalo, New York 14202-1185
WWW.DASNY.ORG

Consultants:
architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

SECOND FLOOR REMOVAL PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number
E103

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

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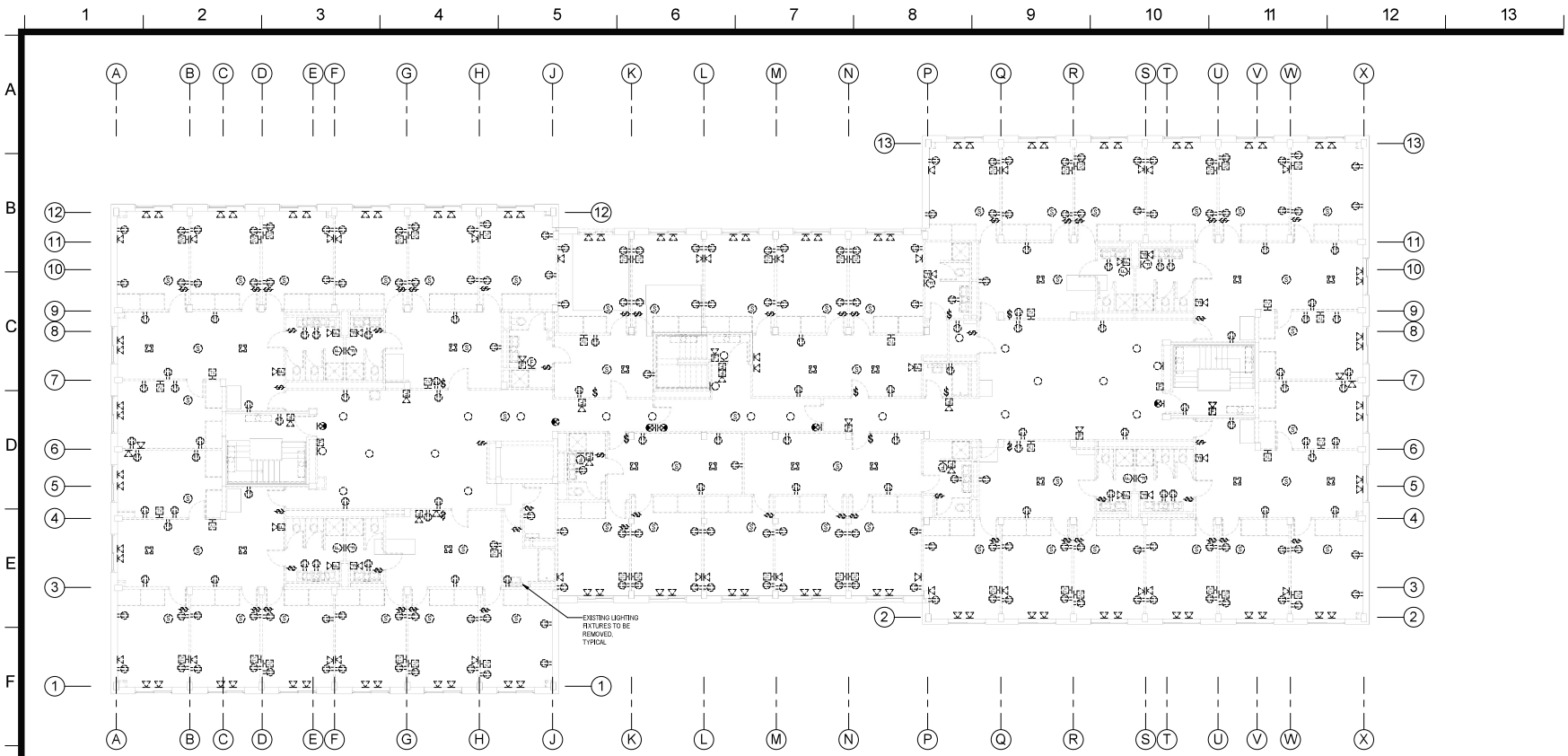

1 THIRD FLOOR REMOVAL PLAN
1/8" = 1'-0"

REMOVAL GENERAL NOTES

1. ASBESTOS AND PCBS MUST BE ABATED COMPLETELY PRIOR TO ANY TASK UNLESS REMOVAL IS REQUIRED TO ACCESS THE ASBESTOS OR PCBS. IF ASBESTOS OR SUSPECTED HAZARDOUS MATERIALS ARE DISCOVERED AND OR DISTURBED, CEASE OPERATIONS AND NOTIFY OWNER AND/OR OWNER'S REPRESENTATIVE IMMEDIATELY.
2. IF ASBESTOS AND/OR SUSPECT MATERIALS ARE DISTURBED AND/OR ENCOUNTERED, CEASE OPERATIONS AND NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY.
3. PROVIDE NEW BLANK COVERS FOR ALL EXISTING DEVICE LOCATIONS RECESSED IN BLOCK WALLS NOT BEING RE-USED, COORDINATE WITH NEW WORK.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO BID DATE AND VERIFYING THE EXACT EXTENT OF THE EXISTING CONDITIONS.
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6. EXISTING FIRE ALARM DEVICES SHALL BE REMOVED AND TURNED OVER TO OWNER. CONTRACTOR SHALL PROVIDE OWNER WITH RECEIPT FOR EXACT QUANTITIES OF DEVICES THAT WERE REMOVED.
7. CONTRACTOR SHALL REMOVE ALL WIREMOLD AS REQUIRED FOR THE SCOPE OF THE REMOVAL.
8. CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR REMOVING POWER FEEDS TO MECHANICAL EQUIPMENT BEING REMOVED. REMOVE EXISTING WIRE AND CONDUIT BACK TO SOURCE.
9. REFER TO DRAWING E501 FOR ADDITIONAL REMOVAL INFORMATION.
10. REMOVE EXISTING CARD ACCESS SYSTEM AS REQUIRED. SECURITY DOOR HARDWARE SHALL BE BOXED BY PART TYPE, CATALOGUED, AND TURNED OVER TO THE OWNER.
11. REMOVE ALL WIRING AND ASSOCIATED RACEWAY, FOR DEVICES TO BE REMOVED BACK TO SOURCE, TYPICAL.
12. REMOVE ELECTRICAL CONNECTION TO FANS BEING REMOVED ON THE ROOF AS REQUIRED. COORDINATE WITH DIV. 23.
13. REFER TO HM DRAWINGS FOR REQUIRED LIGHT FIXTURE ABATEMENT.
14. REMOVE AND RETAIN THE FOLLOWING ITEMS TO BE HANDED OVER TO THE OWNER: FIRE ALARM PANELS AND DEVICES, CARD READERS, POWER SUPPLIES AND ALL ASSOCIATED EQUIPMENT. EMERGENCY GENERATOR, ALL EQUIPMENT TO BE PROTECTED FROM DAMAGE AND TO BE IN WORKING ORDER, COORDINATE WITH OWNER ON WHERE TO LOCATE/STORE REMOVED EQUIPMENT.

1" = 8'-0" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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539 Franklin Street, Buffalo, New York 14202-1018
WWW.DASNY.ORG

Consultants:
architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

THIRD FLOOR REMOVAL PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number
E104

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

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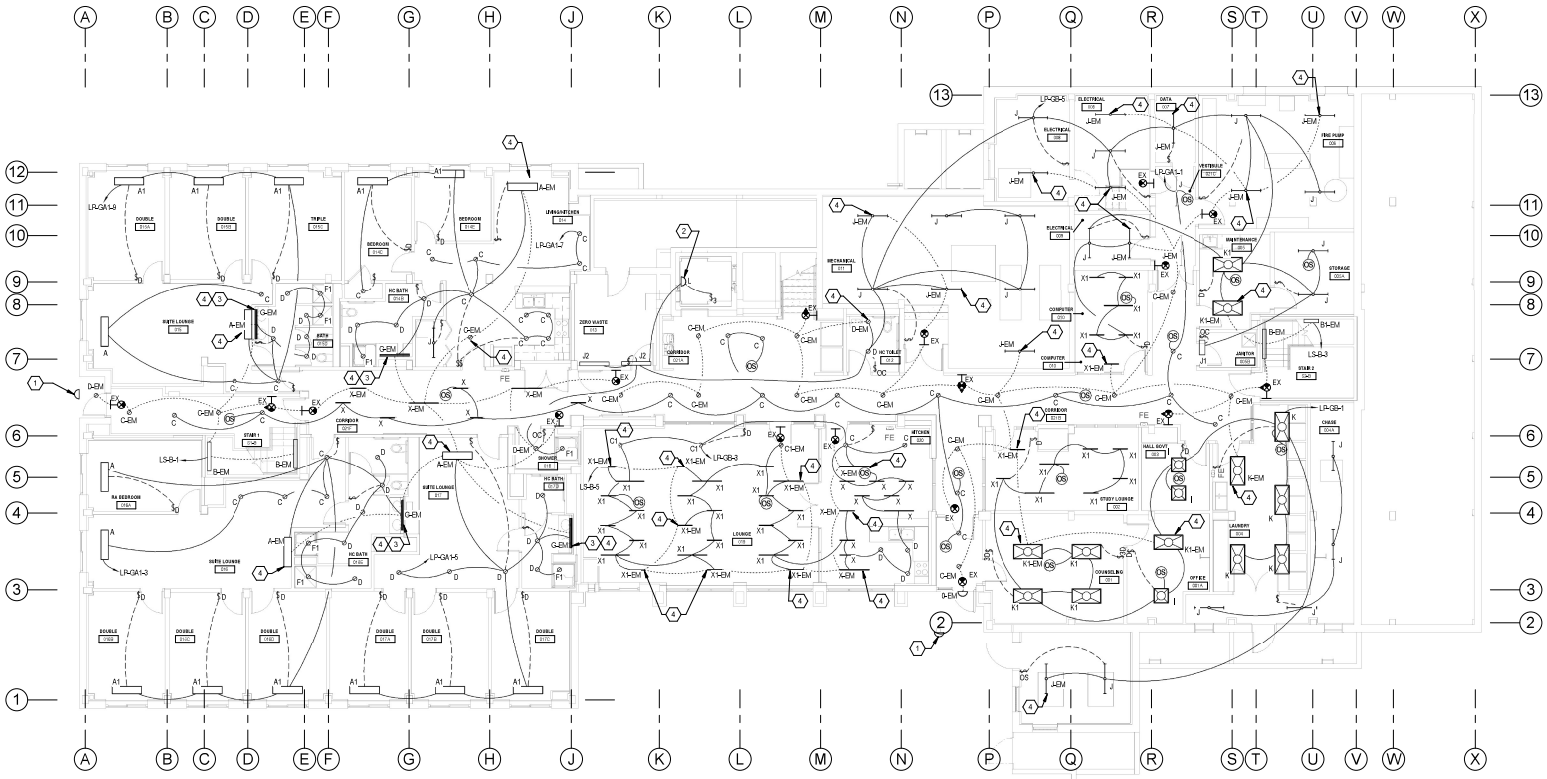

1 BASEMENT LIGHTING PLAN
1/8" = 1'-0"

GENERAL NOTES

1. REFER TO LIGHTING FIXTURE SCHEDULE ON DRAWING E001.
2. COORDINATE LIGHT FIXTURE PLACEMENT WITH ARCHITECTURAL REFLECTED CEILING PLANS.

KEYED NOTES

1. PROVIDE BLUE LIGHT/STROBE LIGHT FOR CONNECTION TO THE TALK-A-PHONE SYSTEM. MOUNTING HEIGHT AS INDICATED ON ARCHITECTURAL DRAWINGS. REFER TO DRAWING E401 FOR ADDITIONAL INFORMATION. REFER TO DRAWING E504 FOR SECURITY RISER. PROVIDE (2) 3/4" CONDUITS BETWEEN BLUE LIGHT AND PHONE. FOR POWER AND COMMUNICATIONS. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT.
2. CONNECT TO LIGHTING FIXTURE AT TOP OF SHAFT.
3. MOUNT GENERATOR TRANSFER DEVICE BEHIND MIRROR. COORDINATE LOCATION WITH ACCESS DOOR, PROVIDED BY GENERAL CONTRACTOR.
4. PROVIDE FIXTURE WITH ONE (1) GENERATOR TRANSFER DEVICE (BODINE #GTD). REFER TO DRAWING E601 FOR ADDITIONAL INFORMATION

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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297 RIVER STREET
TROY, NY 12180

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22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

BASEMENT LIGHTING PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number

E201

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

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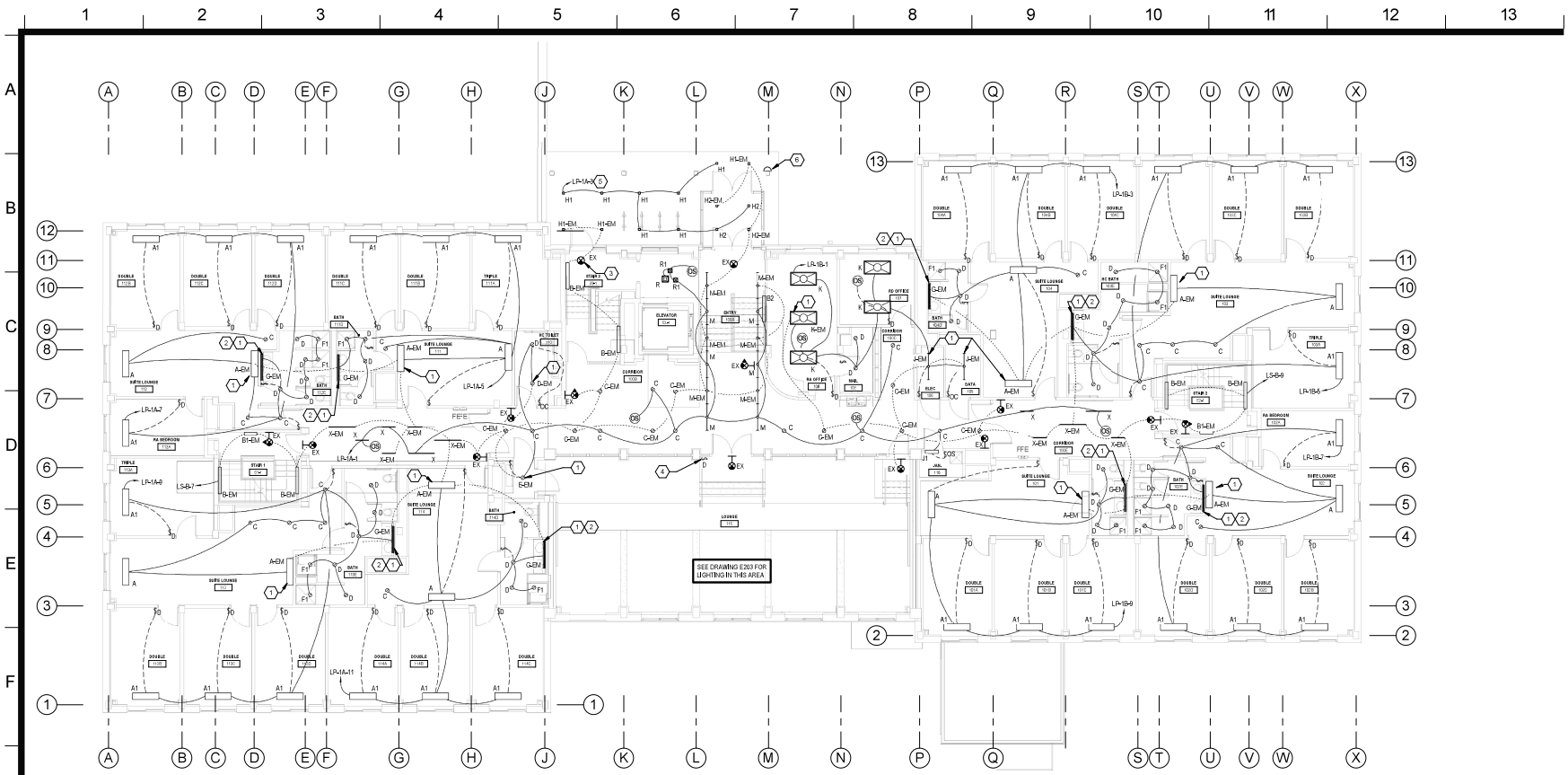

1 FIRST FLOOR LIGHTING PLAN
1/8" = 1'-0"

GENERAL NOTES

1. REFER TO LIGHTING FIXTURE SCHEDULE ON DRAWING E001.
2. REFER TO DETAIL 2 ON DRAWING E301 FOR LOCATION OF LIFE SAFETY PANELBOARD.
3. REFER TO DETAIL 2 ON DRAWING E302 FOR PANEL BOARD LOCATIONS.

KEYED NOTES

1. PROVIDE FIXTURE WITH (1) GENERATOR TRANSFER DEVICE (BODINE #GTD). REFER TO DRAWING E601 FOR ADDITIONAL INFORMATION.
2. MOUNT GENERATOR TRANSFER DEVICE BEHIND MIRROR, COORDINATE LOCATION WITH ACCESS DOOR, PROVIDED BY GENERAL CONTRACTOR.
3. MOUNT EXIT SIGN TO UNDERSIDE OF STAIR LANDING.
4. CONNECT TO LIGHTING FIXTURES ABOVE. REFER TO DRAWING E203 FOR ADDITIONAL INFORMATION.
5. ROUTE CIRCUIT TO 120V PHOTO CELL MOUNTED ON TOP OF CANOPY. TORK 2100 SERIES, INTERMATIC OR EQUAL
6. PROVIDE BLUE LIGHT/STROBE LIGHT FOR CONNECTION TO THE TALK-A-PHONE SYSTEM. MOUNTING HEIGHT AS INDICATED ON ARCHITECTURAL DRAWINGS. PROVIDE (2) 3/4" CONDUITS BETWEEN BLUE LIGHT AND PHONE. FOR POWER AND COMMUNICATIONS. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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297 RIVER STREET
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22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

FIRST FLOOR LIGHTING PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

STATE OF NEW YORK · MICHAEL L. SCHIFFMAN · 081455 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number

E202

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

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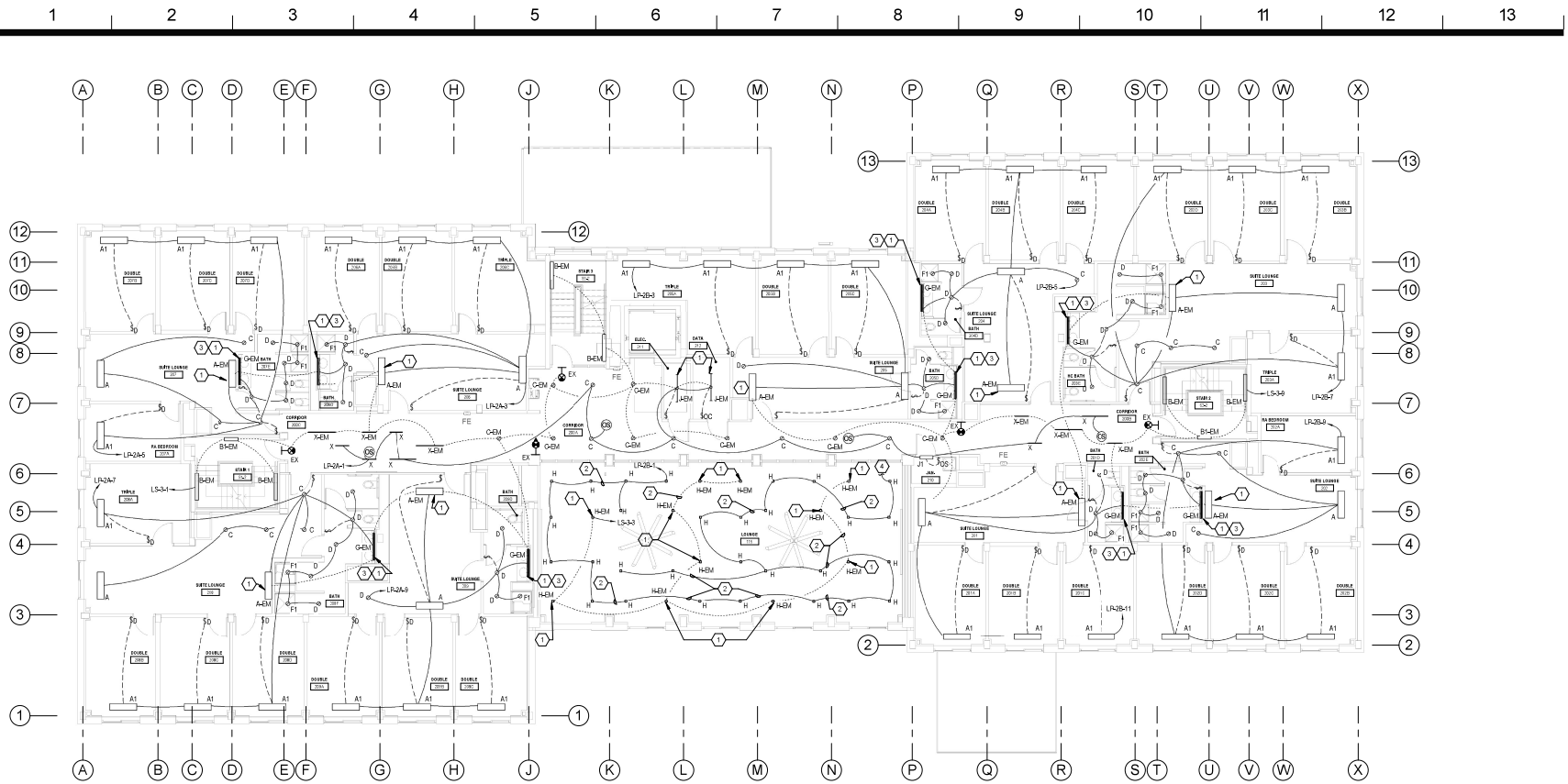

1 SECOND FLOOR LIGHTING PLAN
1/8" = 1'-0"

GENERAL NOTES

1. REFER TO LIGHTING FIXTURE SCHEDULE ON DRAWING E001.
2. REFER TO DETAIL 2 ON DRAWING E304 FOR LOCATION OF LIFE SAFETY PANELBOARD.
3. REFER TO DETAIL 2 ON DRAWING E302 FOR PANEL BOARD LOCATIONS.

KEYED NOTES

1. PROVIDE FIXTURE WITH (1) GENERATOR TRANSFER DEVICE (BODINE #GTD). REFER TO DRAWING E601 FOR ADDITIONAL INFORMATION.
2. CORE DRILL EXISTING CONCRETE BEAM TO RUN CONDUIT. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. MOUNT GENERATOR TRANSFER DEVICE BEHIND MIRROR. COORDINATE LOCATION WITH ACCESS DOOR, PROVIDED BY GENERAL CONTRACTOR.
4. ROUTE CIRCUIT DOWN TO WALL DIMMER. REFER TO DRAWING E202.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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WWW.DASNY.ORG

Consultants:

architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

SECOND FLOOR LIGHTING PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

STATE OF NEW YORK · MICHAEL L. MARCHESANI · 081495 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number: E203

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

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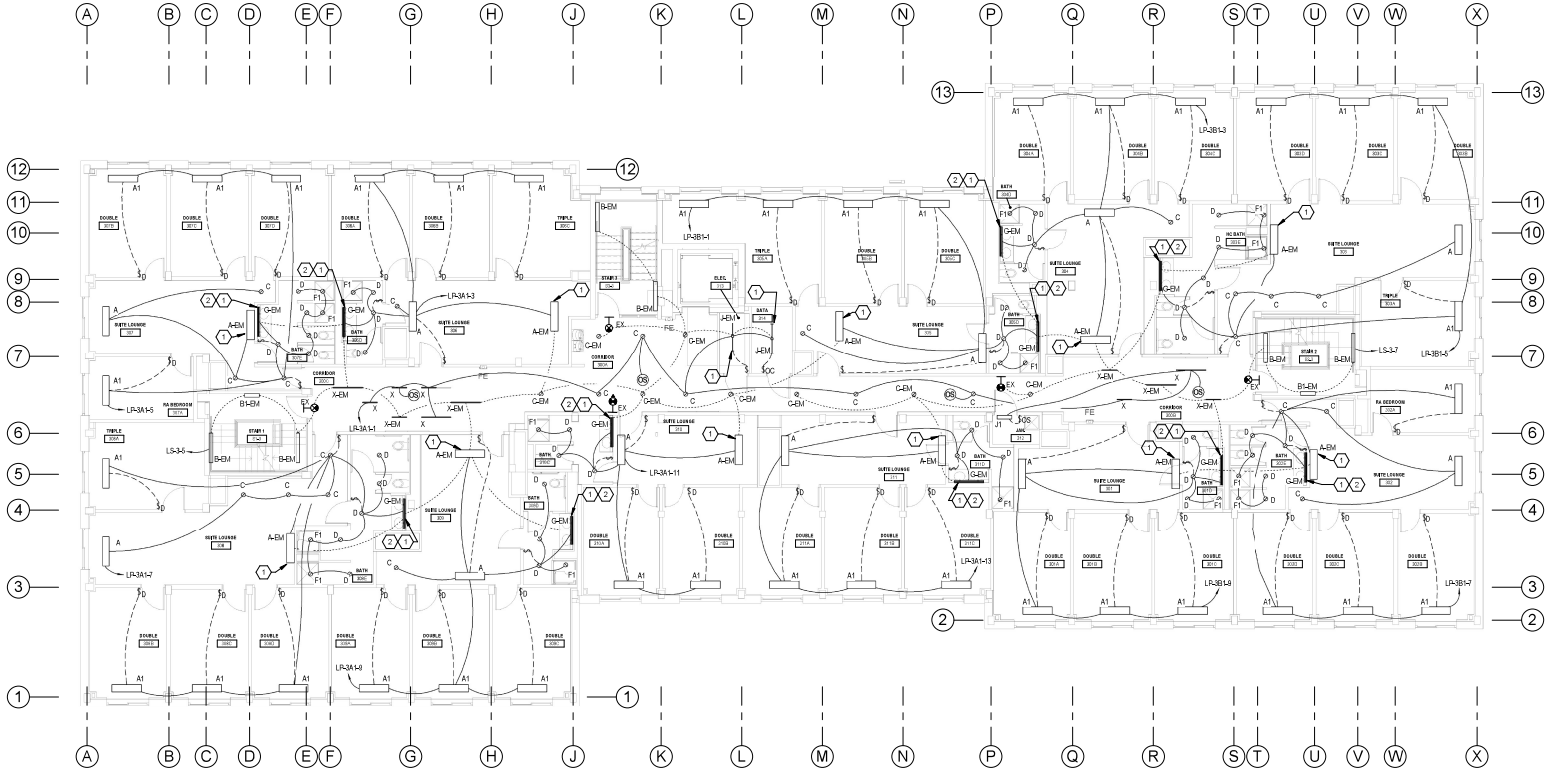

1 THIRD FLOOR LIGHTING PLAN
1/8" = 1'-0"

GENERAL NOTES

1. REFER TO LIGHTING FIXTURE SCHEDULE ON DRAWING E001.
2. REFER TO DETAIL 2 ON DRAWING E304 FOR LOCATION OF LIFE SAFETY PANELBOARD.
3. REFER TO DETAIL 2 ON DRAWING E302 FOR PANEL BOARD LOCATIONS.

KEYED NOTES

1. PROVIDE FIXTURE WITH ONE (1) GENERATOR TRANSFER DEVICE (BODINE #GTD). REFER TO DRAWING E601 FOR ADDITIONAL INFORMATION.
2. MOUNT GENERATOR TRANSFER DEVICE BEHIND MIRROR. COORDINATE LOCATION WITH ACCESS DOOR, PROVIDED BY GENERAL CONTRACTOR.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

THIRD FLOOR LIGHTING PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number
E204

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

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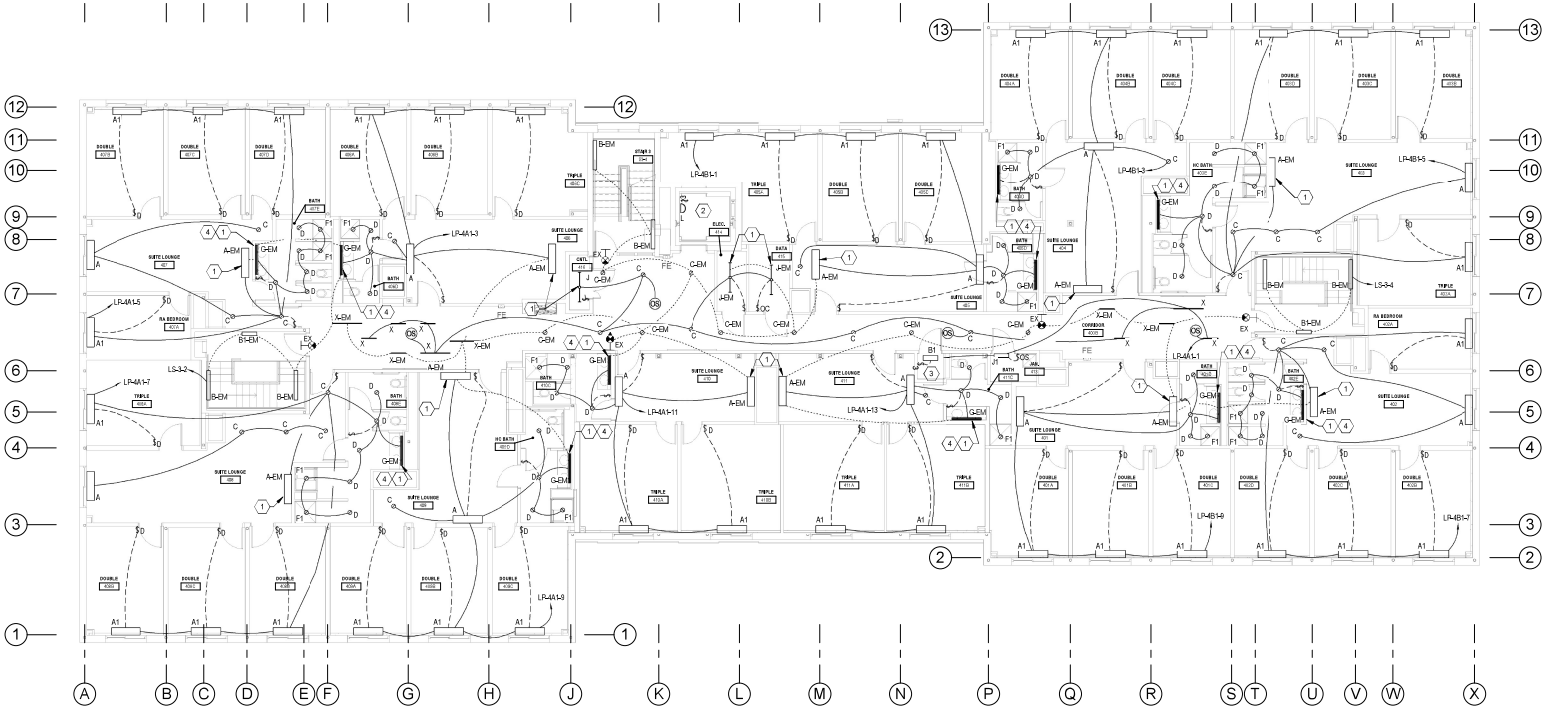

1 FOURTH FLOOR LIGHTING PLAN
1/8" = 1'-0"

GENERAL NOTES

1. REFER TO LIGHTING FIXTURE SCHEDULE ON DRAWING E001.
2. REFER TO DETAIL 2 ON DRAWING E304 FOR LOCATION OF LIFE SAFETY PANELBOARD.
3. REFER TO DETAIL 2 ON DRAWING E302 FOR PANEL BOARD LOCATIONS.

KEYED NOTES

1. PROVIDE FIXTURE WITH ONE (1) GENERATOR TRANSFER DEVICE (BODINE #GTD). REFER TO DRAWING E601 FOR ADDITIONAL INFORMATION.
2. CONNECT TO LIGHTING FIXTURE AT BOTTOM OF SHAFT.
3. ROUTE UP TO MECHANICAL ROOM LIGHTING. REFER TO DRAWING E206.
4. MOUNT GENERATOR TRANSFER DEVICE BEHIND MIRROR. COORDINATE LOCATION WITH ACCESS DOOR, PROVIDED BY GENERAL CONTRACTOR.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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Consultants:

architecture+
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

FOURTH FLOOR LIGHTING PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

STATE OF NEW YORK · JOHN C. LOMONACO · 081457 · PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number

E205

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

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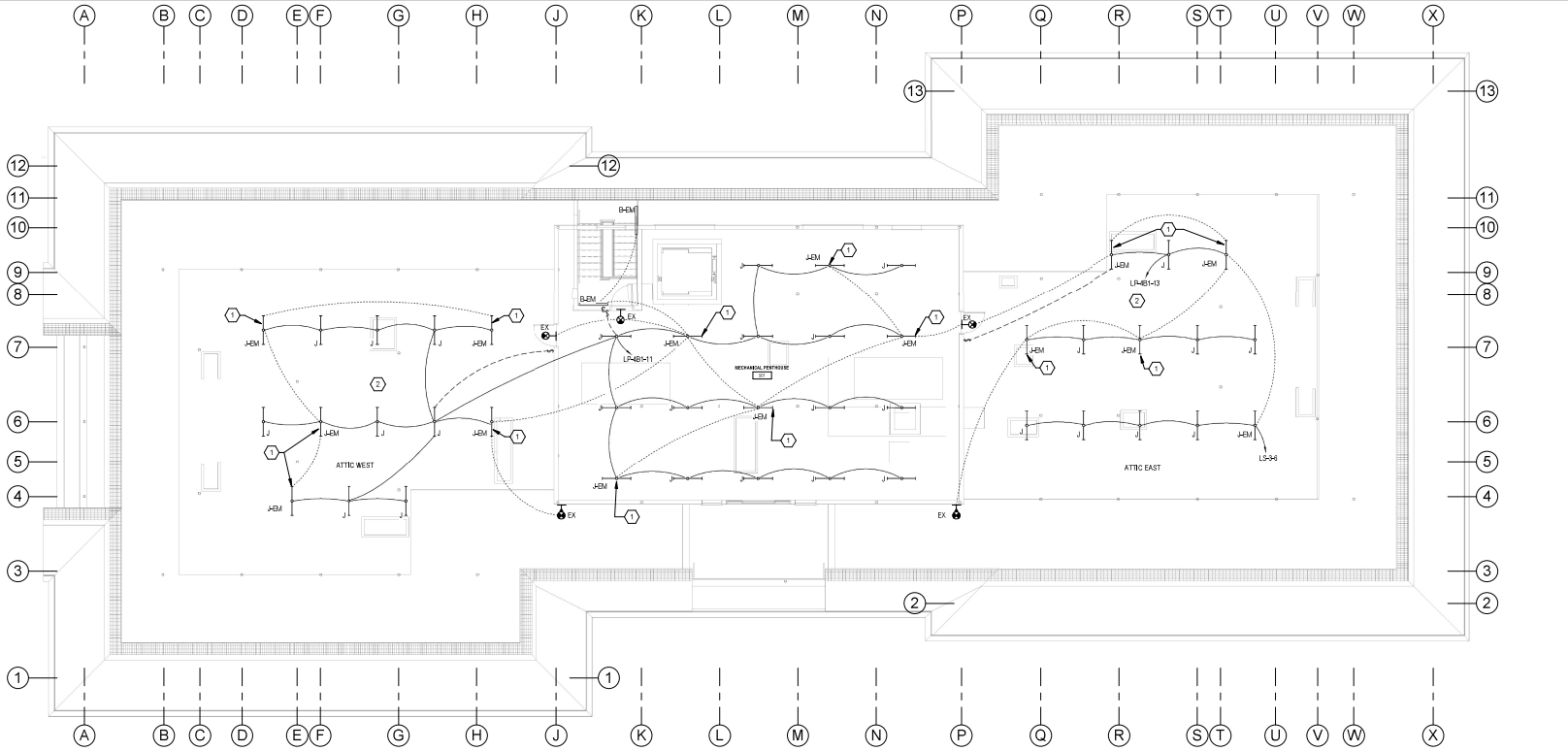

1 ATTIC LIGHTING PLAN
1/8" = 1'-0"

GENERAL NOTES

1. REFER TO LIGHTING FIXTURE SCHEDULE ON DRAWING E001.
2. REFER TO DETAIL 2 ON DRAWING E304 FOR LOCATION OF LIFE SAFETY PANELBOARD.
3. REFER TO DETAIL 2 ON DRAWING E302 FOR PANEL BOARD LOCATIONS.
4. MOUNT LIGHTING FIXTURES TO UNDER SIDE OF LIGHT GAUGE TRUSS IN THE WEST AND EAST AREAS OF THE ATTIC.
3. COORDINATE FIXTURE LOCATIONS IN WITH DUCTWORK LAYOUT, AND ADJUST LIGHTING FIXTURE LOCATIONS AS REQUIRED.

KEYED NOTES

1. PROVIDE FIXTURE WITH ONE (1) GENERATOR TRANSFER DEVICE (BODINE #GTD). REFER TO DRAWING E601 FOR ADDITIONAL INFORMATION.
2. PROVIDE FOUR ADDITIONAL EXIT SIGNS FOR THIS AREA. MOUNT ADDITIONAL EXIT SIGNS AS REQUIRED AFTER FINAL DUCTWORK IS COMPLETE, FOR APPROPRIATE LINE OF SIGHT.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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Consultants:

architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

ATTIC LIGHTING PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

STATE OF NEW YORK · JOHN E. LOMONACO · LICENSED PROFESSIONAL ENGINEER · 081455

DASNY Project No: 341830

Drawing Number

E206

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

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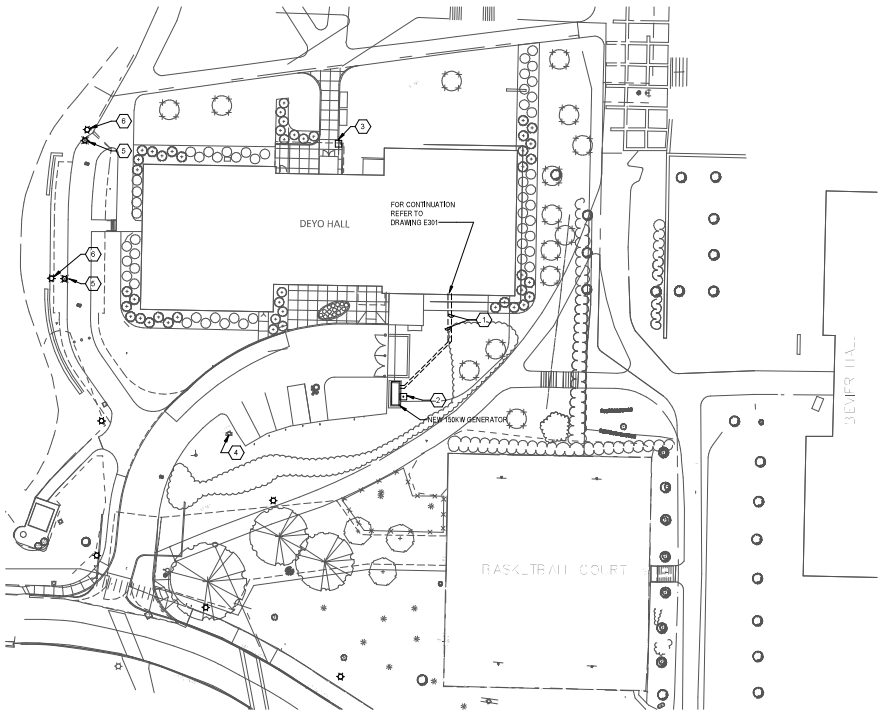
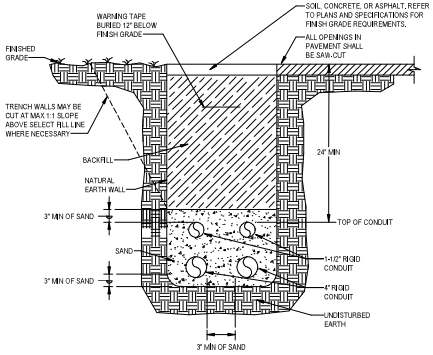


1 SITE POWER PLAN

1" = 30'-0"

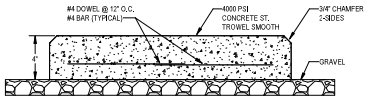
KEYED NOTES

1. PROVIDE (2) 4" RIGID CONDUITS TO PANEL EDP AND (1) 1-1/2" RIGID CONDUIT FOR CONTROLS TO GENERATOR REMOTE ANNUNCIATOR. AND (1) 1-1/2" RIGID CONDUIT FOR CONTROLS TO TRANSFER SWITCH.
2. PROVIDE AN EXTERIOR GENERATOR MANUAL STOP STATION MOUNTED TO ENCLOSURE. COORDINATE EXACT LOCATION WITH MANUFACTURER AND OWNER.
3. PROVIDE A PEDESTAL MOUNTED EMERGENCY PHONE. PROVIDE 3/4" CONDUIT WITH (1) CAT 6 CABLE BACK TO ROOM 009 FOR CONNECTION TO TELEPHONE SYSTEM. PROVIDE A TALK A PHONE, ETP-PM PEDESTAL MOUNT, TOWER SHALL BE PAINTED BLACK 35GR. TOWER SHALL INCLUDE "EMERGENCY" LETTERING IN WHITE. PROVIDE 3/4" CONDUIT FOR POWER FROM PANEL LS-B.
4. PROVIDE NEW CONDUIT/CONDUCTORS FROM EXISTING HANDHOLE THAT FEED EXISTING SEWER PUMP STATION TO PANEL AS REQUIRED. REFER TO PANEL SCHEDULES FOR CIRCUIT INFORMATION. REMOVE BROKEN CONDUIT/CONDUCTORS. PROVIDE 4 #1, 6GND. 2" C.
5. REMOVE EXISTING LIGHT POLE AND BASE FOR INSTALLATION OF FIRE ACCESS ROADWAY.
6. PROVIDE NEW POLE BASE AND REINSTALL EXISTING POLE AND FIXTURE TO NEW LOCATION AS REQUIRED. REROUTE EXISTING UNDERGROUND POWER TO NEW POLE LOCATIONS. PROVIDE POLYMER CONCRETE IN-GRADE BOX TO SPLICE EXISTING UNDERGROUND CIRCUIT.



2 GENERATOR CONDUIT TRENCH DETAIL

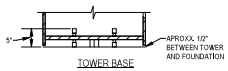
NOT TO SCALE



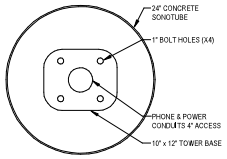
NOTES:
1. PAD SHALL EXTEND 4" PAST EQUIPMENT IN EACH DIRECTION.
2. REMOVE TOP SOIL, FILL WITH GRAVEL AS REQUIRED TO OBTAIN PROPER ELEVATION. COMPACT GRAVEL IN 6" LAYERS. COMPACTION TO BE 95 PERCENT DRY DENSITY.

3 CONCRETE GENERATOR PAD DETAIL

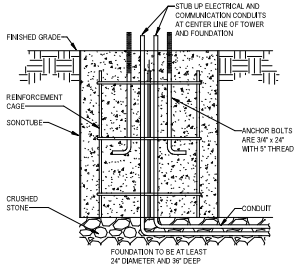
NOT TO SCALE



TOWER BASE



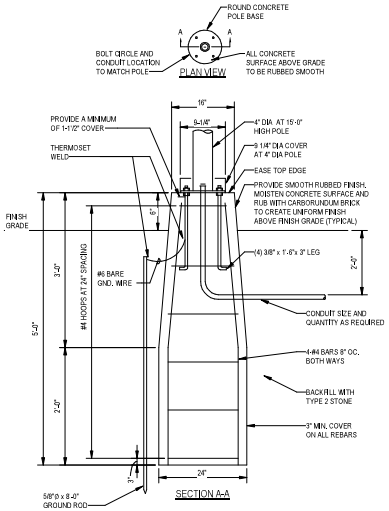
TOP VIEW



FOUNDATION

4 EMERGENCY PHONE STANCHION DETAIL

NOT TO SCALE



5 LIGHT POLE BASE DETAIL

NOT TO SCALE

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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Consultants:
architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

SITE POWER PLAN

Drawn By:	Checked By:	Date:
Author	Checker	8-29-2018

Seal & Signature

STATE OF NEW YORK — BRUCE E. DANIELSON — 081455 — LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number

E300

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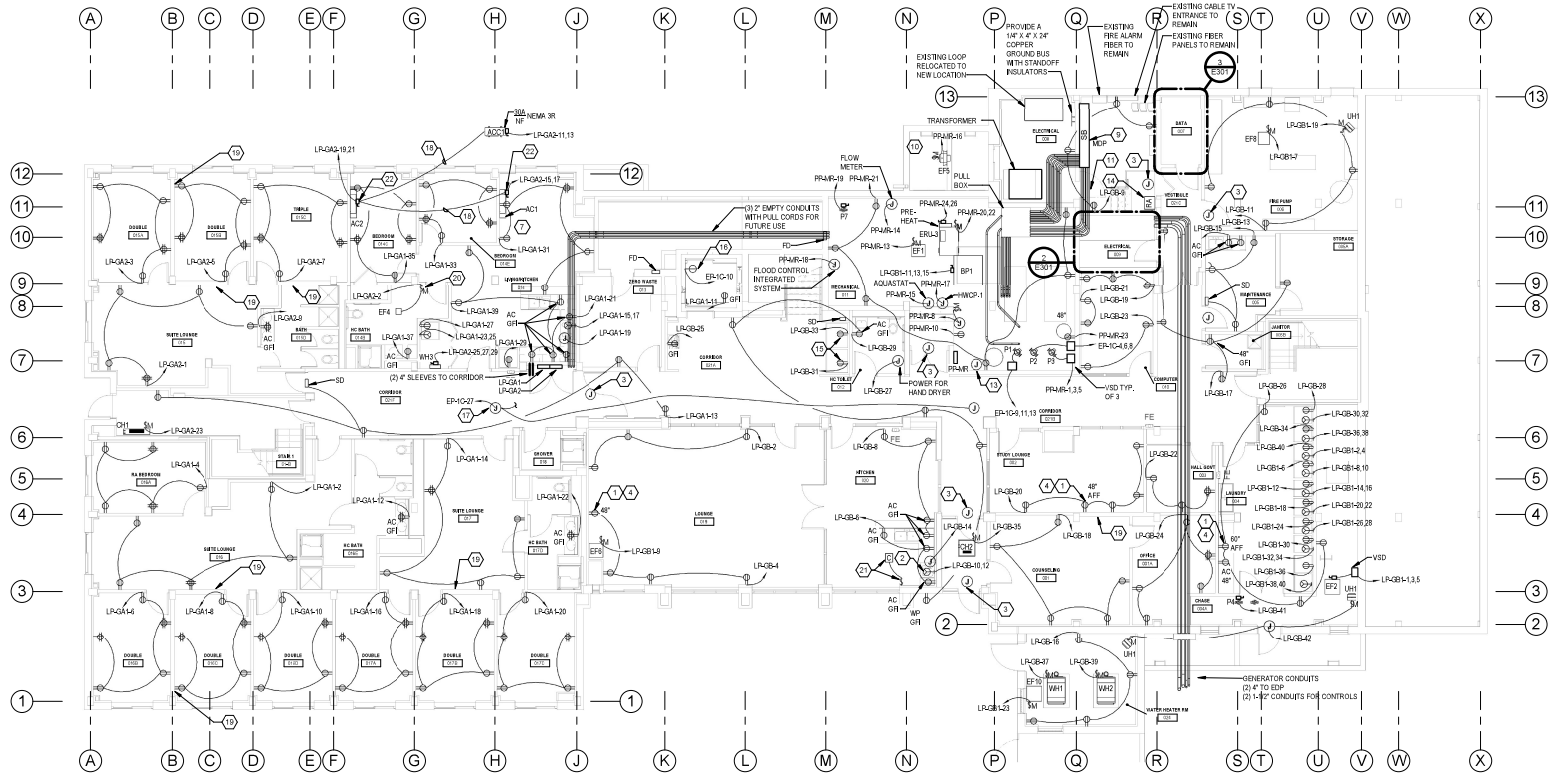


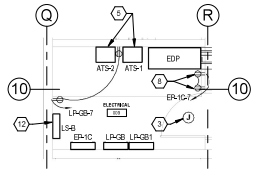
1 BASEMENT POWER PLAN
1/8" = 1'-0"

GENERAL NOTES

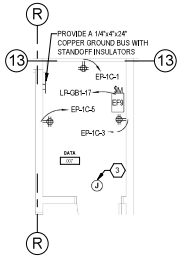
1. COORDINATE MECHANICAL EQUIPMENT ELECTRICAL REQUIREMENTS WITH DIV. 23.
2. REFER TO ARCHITECTURAL DRAWINGS TO COORDINATE MOUNTING OF ELECTRICAL DEVICES.
3. REFER TO MECHANICAL AND PLUMBING SCHEDULES FOR COORDINATION.
4. PROVIDE CONCRETE PAD FOR SWITCHBOARD, COORDINATE SIZE WITH EQUIPMENT.
5. RECEPTACLES IN DORM SLEEPING ROOMS SHALL COMPLY WITH NEC 210.52 A & D.
6. RECEPTACLES IN DORM SUITES SHALL COMPLY WITH NEC 210.12 C.
7. GFI RECEPTACLES IN BATHROOMS SHALL BE CENTERED BETWEEN MIRRORS, COORDINATE HEIGHT WITH COUNTER TOP AND SHELF. REFER TO DETAIL K7 ON DRAWING A605 FOR ADDITIONAL INFORMATION.

KEYED NOTES

1. PROVIDE RECEPTACLE FOR WALL MOUNTED TV, COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN FOR EXACT LOCATION.
2. PROVIDE #8 BRANCH CIRCUIT AND 60-AMP RECEPTACLE TO MATCH PLUG ON RANGE.
3. PROVIDE POWER CONNECTION TO DOOR OPERATORS. REFER TO ARCHITECTURAL SPECIFICATIONS FOR DOOR OPERATION REQUIREMENTS, ROUTE CIRCUIT TO PANEL EP-C1-3.
4. PROVIDE A RECESSED FLAT PANEL DISPLAY WALL BOX IN THIS LOCATION WITH A RECEPTACLE, TV AND DATA OUTLET MOUNTED IN BOX. REFER TO LOW VOLTAGE DRAWINGS FOR ADDITIONAL INFORMATION. PROVIDE A FSR PWB-200 OR EQUAL.
5. PROVIDE (1) 1-1/2" CONDUIT TO GENERATOR LOCATION FOR CONTROLS.
6. NOT USED.
7. PROVIDE TAMPER-RESISTANT RECEPTACLES IN THE APARTMENT 014 IN ACCORDANCE WITH NEC 406.12 A AND PROVIDE AFCI CIRCUIT BREAKERS IN ACCORDANCE WITH NEC 210.12(A) AS WELL AS GFI RECEPTACLES IN ACCORDANCE WITH NEC 210.8(A).
8. PROVIDE RECEPTACLES FOR SECURITY SYSTEM POWER SUPPLIES, COORDINATE EXACT LOCATION AND QUANTITIES OF POWER SUPPLIES FOR VOLTAGE DROP WITH MANUFACTURER.
9. PROVIDE A SIGN INDICATING TYPE AND LOCATION OF ON SITE EMERGENCY GENERATOR AS PER NEC 700.8.
10. NEW TRANSFORMER WILL NEED TO BE DISASSEMBLED, MOVED INTO THE BUILDING ELECTRICAL ROOM AND RE-ASSEMBLED AND TESTED BY THE MANUFACTURERS FIELD TECHNICIAN.
11. PROVIDE MINIMUM 10" X 14" "DANGER HIGH VOLTAGE AUTHORIZED PERSONNEL ONLY" SIGN MOUNTED ON DOOR.
12. PROVIDE ENGRAVED PLASTIC SIGN ON THE OUTSIDE COVER OF PANEL "ONLY LIFE SAFETY CIRCUITS ARE TO BE SERVED FROM THIS PANEL.
13. PROVIDE JUNCTION BOX FOR POWER CONNECTION TO TEMPERATURE CONTROL PANEL. COORDINATE EXACT LOCATION IN FIELD. CIRCUIT TO PANEL EP-1C-56.
14. GENERATOR REMOTE ANNUNCIATOR, PROVIDE (1) 1-1/2" CONDUIT TO GENERATOR LOCATION FOR CONTROLS.
15. PROVIDE VENDING MISERS FOR VENDING MACHINES. PROVIDE GFI CIRCUIT BREAKERS FOR EACH VENDING MACHINE.
16. PROVIDE A SIMPLEX NON GFI RECEPTACLE FOR THE SUMP PUMP.
17. PROVIDE JUNCTION BOX ABOVE ACCESSIBLE CEILING FOR TOP PANELS, ROUTE CIRCUIT TO FLOOR ABOVE.
18. PROVIDE 3/4" CONDUIT FROM AHU TO AC1 AND AC2 FOR CONTROL WIRING. COORDINATE WITH MECHANICAL CONTRACTOR.
19. LOCATION OF BRACE FRAMING. STEEL TO BE PRE-DRILLED FOR CONDUIT TO DEVICES ON THOSE WALL TYPICAL.
20. PROVIDE SWITCH FOR CONTROL OF EXHAUST FAN.
21. PROVIDE A FLUSH MOUNTED MOMENTARY CONTACT SWITCH MOUNTED NEXT TO THE ADA CONTROL SWITCHES FOR THE HOOD LIGHT AND FAN. PROVIDE A 240V, 60A 2-POLE ELECTRICALLY HELD CONTACTOR IN A NEMA ONE ENCLOSURE TO CONTROL THE POWER CIRCUIT TO THE STOVE. LOCATE CONTACTOR ABOVE KITCHEN CEILING. (SQUARE D, ASCO MOL OR APPROVED EQUAL). BY-PASS EXISTING HOOD FAN TEMPERATURE CONTROL SETTING, SO FAN RUNS WHEN ENERGIZED BY TURNING WALL SWITCH ON. CIRCUIT SO THAT WHEN FAN IS RUNNING, ACTIVATING THE MOMENTARY CONTACT SWITCH WILL ENERGIZE THE CONTACTOR SO THAT THE RANGE CAN BE TURNED ON. RANGE CANNOT BE POWERED UNTIL HOOD FAN IS RUNNING AS PER THE CAMPUS REVIEW. EXISTING HOOD FAN CONTROLS CURRENTLY INSTALLED IN BEWER HALL.
22. PROVIDE FLUSH MOUNTED BACK BOX FOR DIV. 23 SUPPLIED DISCONNECT SWITCH. COORDINATE LOCATION WITH DIV. 23.



2 ENLARGED ELECTRICAL ROOM 009
1/4" = 1'-0"



3 ENLARGED DATA ROOM 007
1/4" = 1'-0"

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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One Penn Plaza, 52 Floor, New York, New York 10119-0098
539 Franklin Street, Buffalo, New York 14202-1018
WWW.DASNY.ORG

Consultants:
architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

BASEMENT POWER PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature
STATE OF NEW YORK
JOHN L. MARCHESE
081455
LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830
Drawing Number
E301
Scale: As indicated

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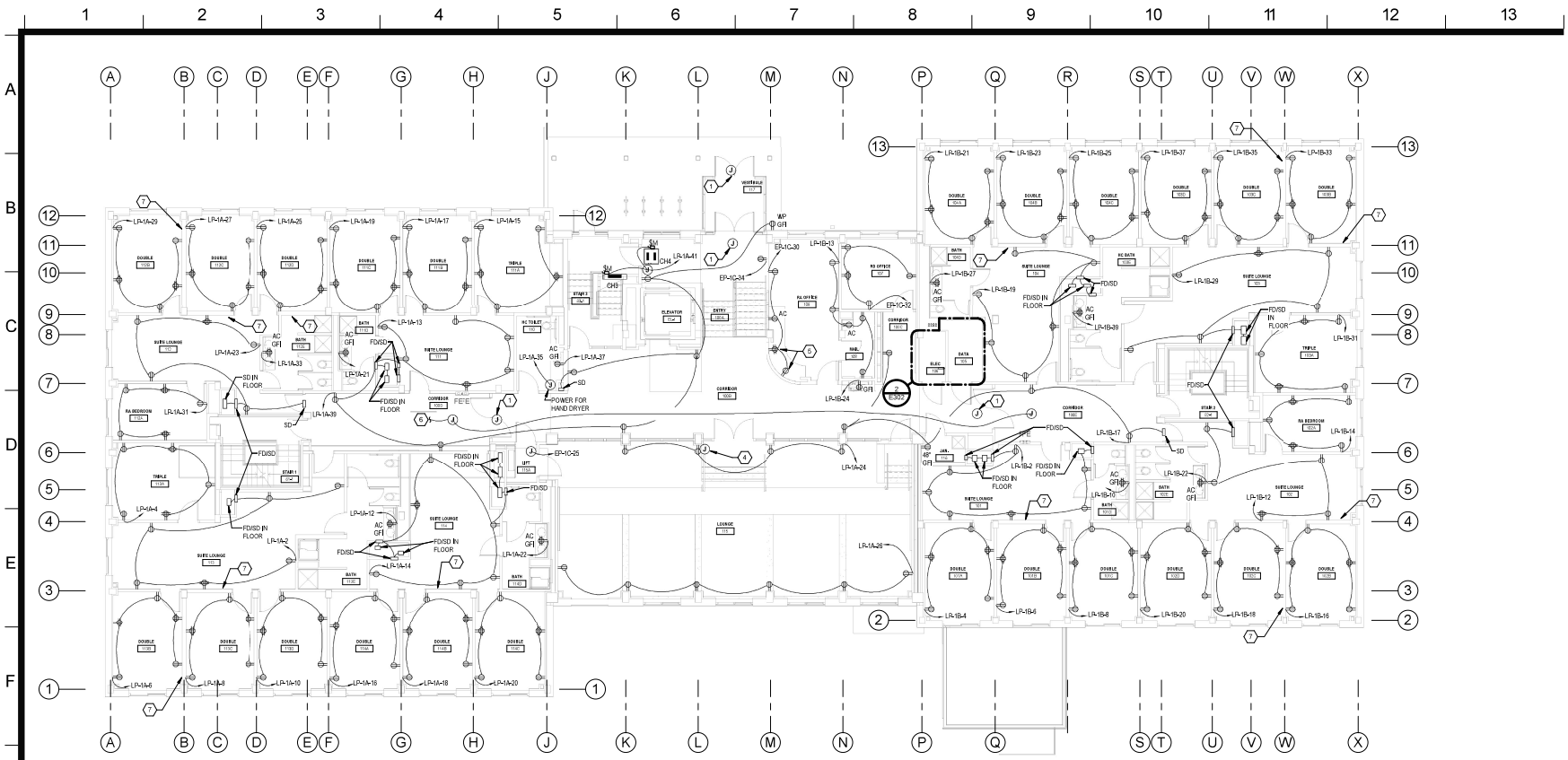
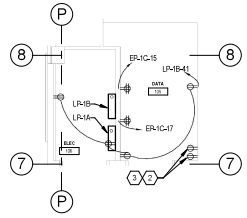


1 FIRST FLOOR POWER PLAN
1/8" = 1'-0"



2 FIRST FLOOR ELECTRICAL & DATA CLOSET
1/4" = 1'-0"

GENERAL NOTES

1. COORDINATE MECHANICAL EQUIPMENT ELECTRICAL REQUIREMENTS WITH DIV. 23.
2. REFER TO ARCHITECTURAL DRAWINGS TO COORDINATE MOUNTING OF ELECTRICAL DEVICES.
3. REFER TO MECHANICAL AND PLUMBING SCHEDULES FOR COORDINATION.
4. RECEPTACLES IN DORM SLEEPING ROOMS SHALL COMPLY WITH NEC 210.52 A & D.
5. RECEPTACLES IN DORM SUITES SHALL COMPLY WITH NEC 210.12 C.
6. GFI RECEPTACLES IN BATHROOMS SHALL BE CENTERED BETWEEN MIRRORS. COORDINATE HEIGHT WITH COUNTER TOP, AND SHELF. REFER TO DETAIL K7 ON DRAWING A605 FOR ADDITIONAL INFORMATION.

KEYED NOTES

1. PROVIDE POWER CONNECTION TO AUTOMATIC DOOR OPERATORS. REFER TO ARCHITECTURAL SPECIFICATIONS FOR DOOR OPERATION REQUIREMENTS. ROUTE CIRCUIT TO PANEL EP-C1-21.
2. PROVIDE RECEPTACLES FOR SECURITY SYSTEM POWER SUPPLIES. COORDINATE EXACT LOCATION AND QUANTITIES OF POWER SUPPLIES FOR VOLTAGE DROP WITH MANUFACTURER.
3. ROUTE CONDUIT AND CONDUCTORS DOWN TO EMERGENCY STANDBY PANEL EP-C1-23, LOCATED IN THE BASEMENT.
4. PROVIDE(3) RECESSED JUNCTION BOXES AS REQUIRED FOR FAN CONTROLLER, AND FAN DISCONNECT SWITCHES. FAN CONTROLLER PROVIDED BY DIV. 23. PROVIDE 3/4" CONDUIT WITH PULL CORD TO ABOVE CEILING FOR FAN CONTROLLER.
5. RECEPTACLES ARE LOCATED IN KNEE SPACE.
6. PROVIDE JUNCTION BOX ABOVE CEILING FOR POWER TO TCP PANELS. ROUTE TO FLOOR BELOW.
7. LOCATION OF BRACE FRAMING, STEEL TO BE PRE-DRILLED FOR CONDUIT TO DEVICES ON THOSE WALL TYPICAL.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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DORMITORY AUTHORITY STATE OF NEW YORK
515 Broadway, Albany, New York 12207-2964
One Penn Plaza, 52 Floor, New York, New York 10119-0098
539 Franklin Street, Buffalo, New York 14202-1109
WWW.DASNY.ORG

Consultants:

architecture+
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

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Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

FIRST FLOOR POWER PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number
E302

Scale: As indicated

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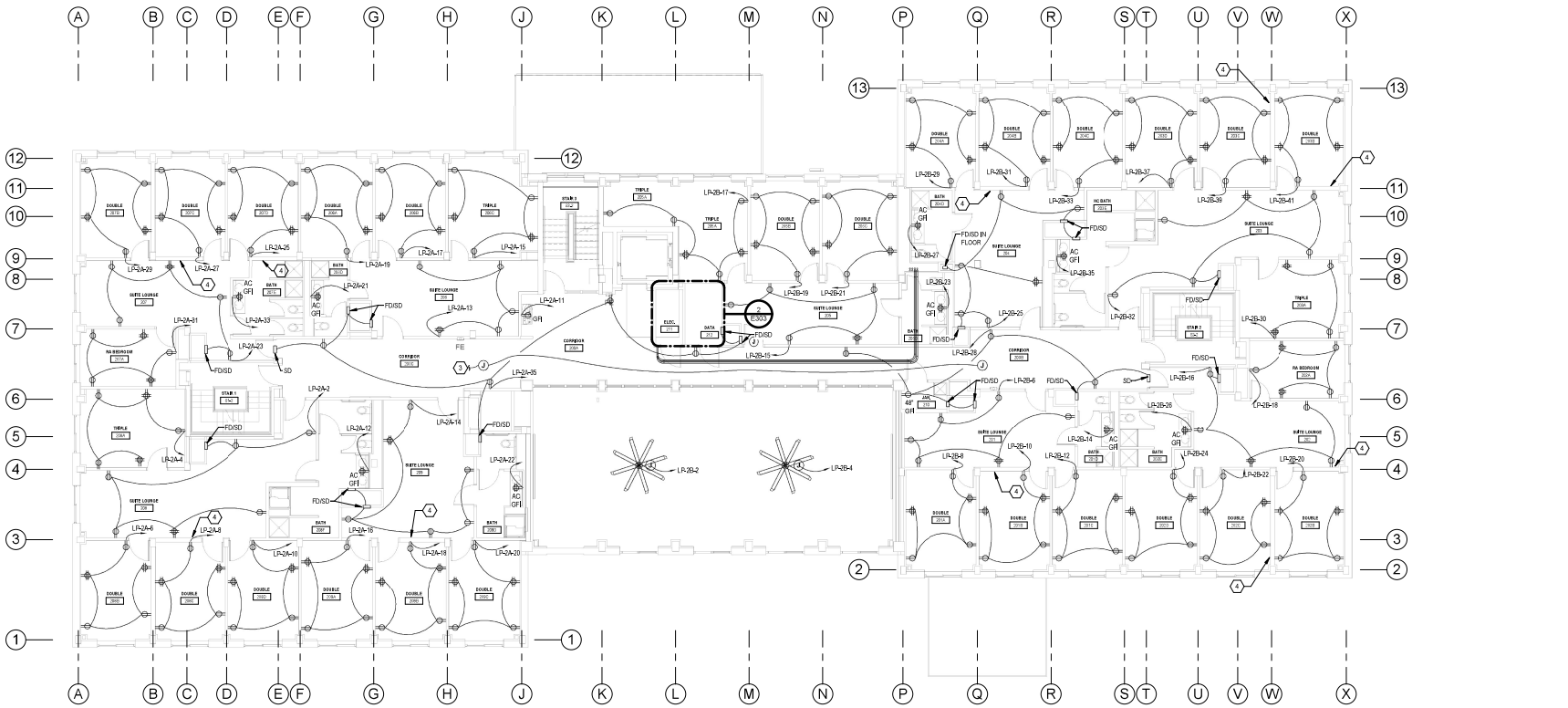
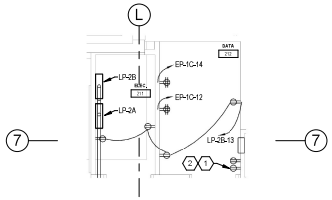


1 SECOND FLOOR POWER PLAN
1/8" = 1'-0"



2 SECOND FLOOR ELECTRICAL & DATA CLOSET
1/4" = 1'-0"

KEYED NOTES

1. PROVIDE RECEPTACLES FOR SECURITY SYSTEM POWER SUPPLIES. COORDINATE EXACT LOCATION AND QUANTITIES OF POWER SUPPLIES FOR VOLTAGE DROP WITH MANUFACTURER.
2. ROUTE CONDUIT AND CONDUCTORS DOWN TO EMERGENCY STAND-BY PANEL EP-C1-16. LOCATED IN THE BASEMENT.
3. PROVIDE JUNCTION BOX ABOVE CEILING FOR POWER TO TCP PANELS. ROUTE CIRCUIT TO FLOOR BELOW.
4. LOCATION OF BRACE FRAMING. STEEL TO BE PRE-DRILLED FOR CONDUIT TO DEVICES ON THOSE WALL TYPICAL.

GENERAL NOTES

1. COORDINATE MECHANICAL EQUIPMENT ELECTRICAL REQUIREMENTS WITH DIV. 23.
2. REFER TO ARCHITECTURAL DRAWINGS TO COORDINATE MOUNTING OF ELECTRICAL DEVICES.
3. REFER TO MECHANICAL AND PLUMBING SCHEDULES FOR COORDINATION.
4. RECEPTACLES IN DORM SLEEPING ROOMS SHALL COMPLY WITH NEC 210.52 A & D.
5. RECEPTACLES IN DORM SUITES SHALL COMPLY WITH NEC 210.12 C.
6. GFI RECEPTACLES IN BATHROOMS SHALL BE CENTERED BETWEEN MIRRORS. COORDINATE HEIGHT WITH COUNTER TOP, AND SHELF. REFER TO DETAIL K7 ON DRAWING A605 FOR ADDITIONAL INFORMATION.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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Consultants:

architecture+
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

SECOND FLOOR POWER PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

STATE OF NEW YORK · JOHN L. MARCHESELLI · 081455 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number

E303

Scale: As indicated

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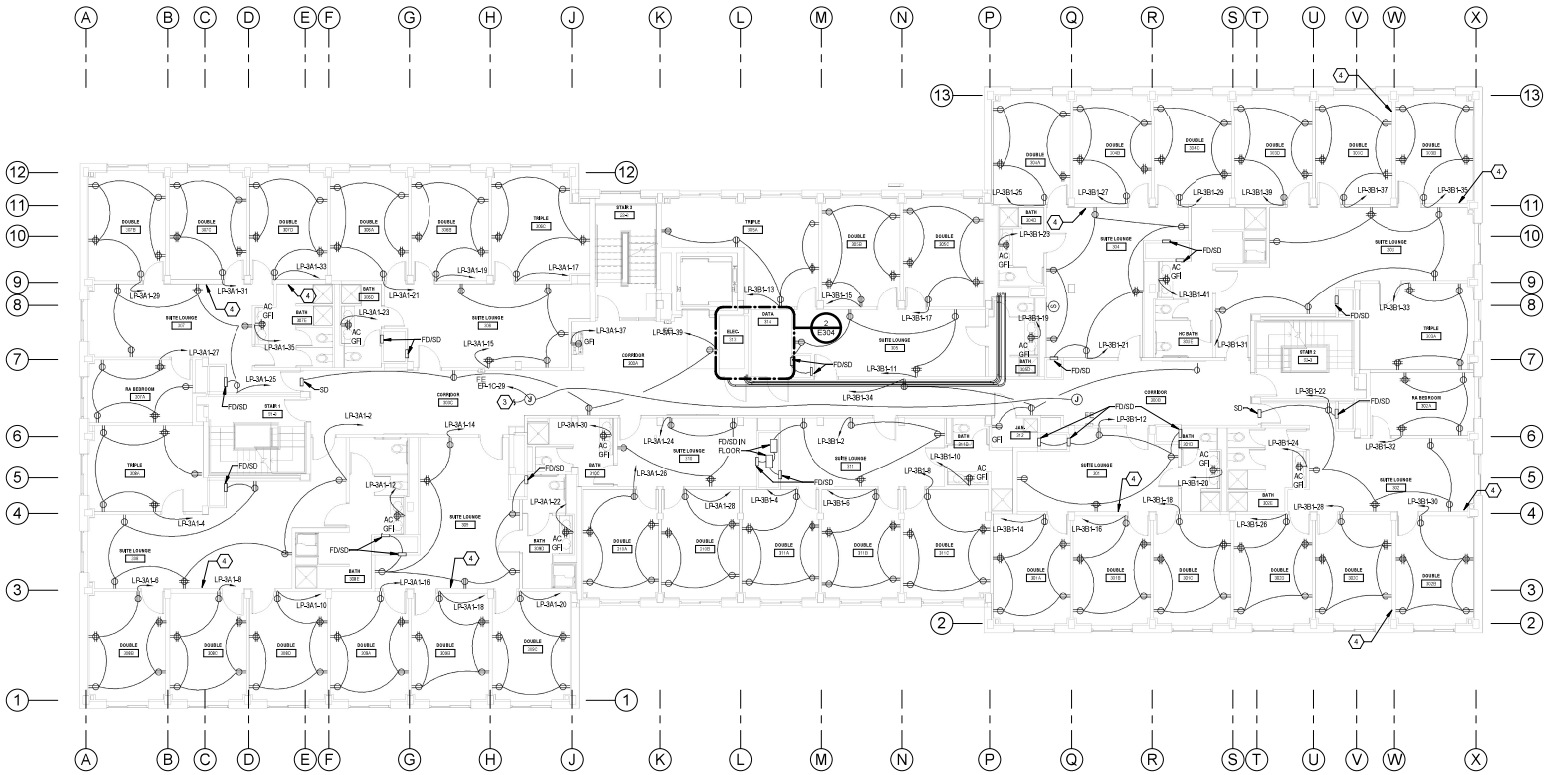
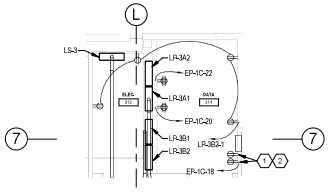


1 THIRD FLOOR POWER PLAN
1/8" = 1'-0"



2 THIRD FLOOR ELECTRICAL & DATA CLOSET
1/4" = 1'-0"

KEYED NOTES

1. PROVIDE RECEPTACLES FOR SECURITY SYSTEM POWER SUPPLIES. COORDINATE EXACT LOCATION AND QUANTITIES OF POWER SUPPLIES FOR VOLTAGE DROP WITH MANUFACTURER.
2. ROUTE CONDUIT AND CONDUCTORS DOWN TO EMERGENCY STAND-BY PANEL EP-C1-18, LOCATED IN THE BASEMENT.
3. PROVIDE JUNCTION BOX ABOVE CEILING FOR POWER TO TCP PANELS. ROUTE CIRCUIT TO FLOOR BELOW.
4. LOCATION OF BRACE FRAMING. STEEL TO BE PRE-DRILLED FOR CONDUIT TO DEVICES ON THOSE WALL TYPICAL.

GENERAL NOTES

1. COORDINATE MECHANICAL EQUIPMENT ELECTRICAL REQUIREMENTS WITH DIV. 23.
2. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING OF ELECTRICAL DEVICES.
3. REFER TO MECHANICAL AND PLUMBING SCHEDULES FOR COORDINATION.
4. RECEPTACLES IN DORM SLEEPING ROOMS SHALL COMPLY WITH NEC 210.52 A & D.
5. RECEPTACLES IN DORM SUITES SHALL COMPLY WITH NEC 210.12 C.
6. GFI RECEPTACLES IN BATHROOMS SHALL BE CENTERED BETWEEN MIRRORS, COORDINATE HEIGHT WITH COUNTER TOP, AND SHELF. REFER TO DETAIL K7 ON DRAWING A605 FOR ADDITIONAL INFORMATION.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

THIRD FLOOR POWER PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

STATE OF NEW YORK — MICHAEL L. SHEMBERGER — 081495 — LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number: E304

Scale: As indicated

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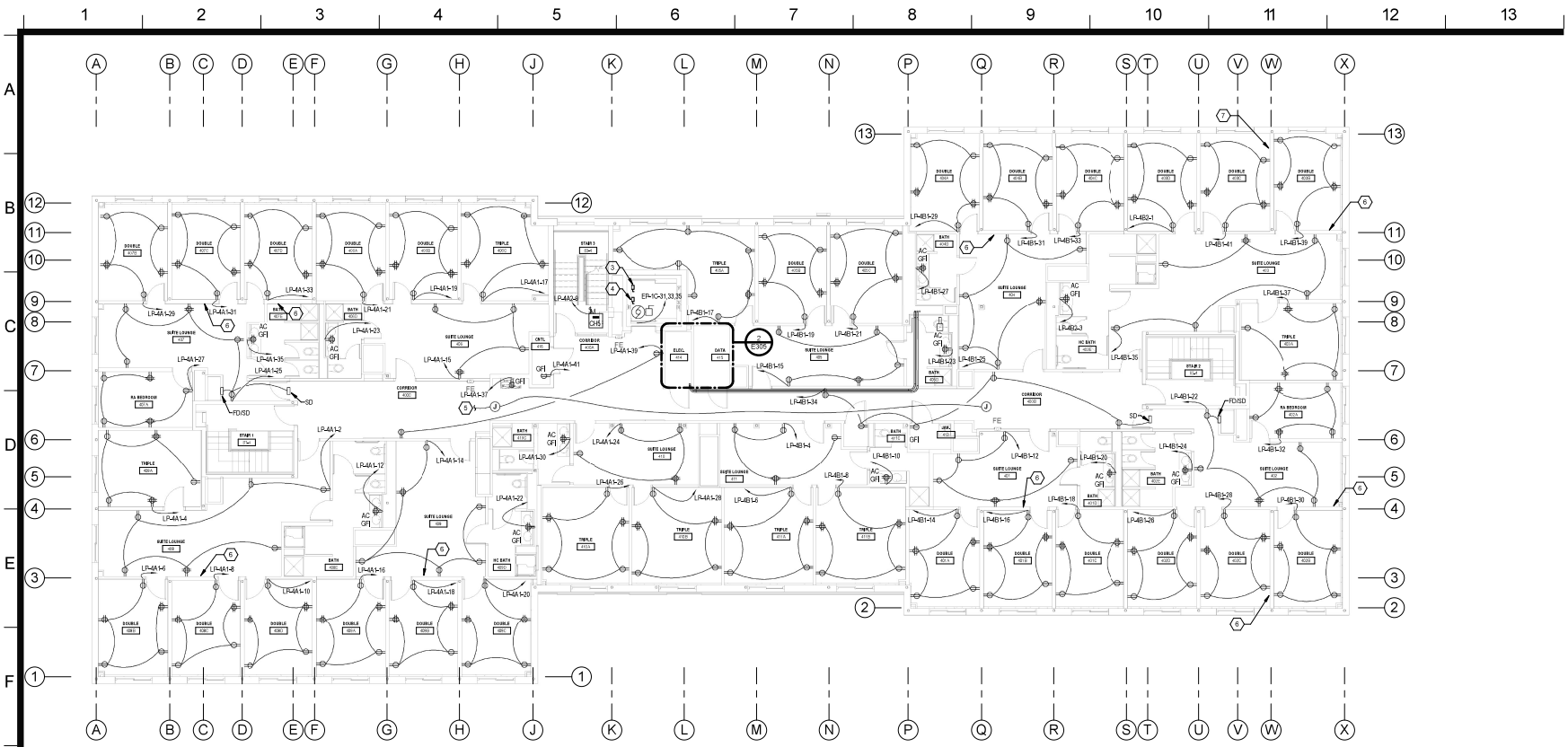
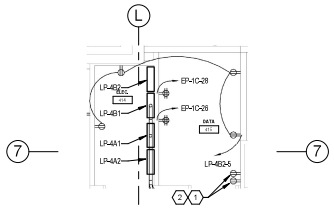


1 FOURTH FLOOR POWER PLAN
1/8" = 1'-0"



2 FOURTH FLOOR ELECTRICAL & DATA CLOSET
1/4" = 1'-0"

GENERAL NOTES

1. COORDINATE MECHANICAL EQUIPMENT ELECTRICAL REQUIREMENTS WITH DIV. 23.
2. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING OF ELECTRICAL DEVICES.
3. REFER TO MECHANICAL AND PLUMBING SCHEDULES FOR COORDINATION.
4. RECEPTACLES IN DORM SLEEPING ROOMS SHALL COMPLY WITH NEC 210.52 A & D.
5. RECEPTACLES IN DORM SUITES SHALL COMPLY WITH NEC 210.12 C.
6. GFI RECEPTACLES IN BATHROOMS SHALL BE CENTERED BETWEEN MIRRORS. COORDINATE HEIGHT WITH COUNTER TOP AND SHELF. REFER TO DETAIL KT ON DRAWING A605 FOR ADDITIONAL INFORMATION.

KEYED NOTES

1. PROVIDE RECEPTACLES FOR SECURITY SYSTEM POWER SUPPLIES. COORDINATE EXACT LOCATION AND QUANTITIES OF POWER SUPPLIES FOR VOLTAGE DROP WITH MANUFACTURER.
2. ROUTE CONDUIT AND CONDUCTORS DOWN TO PANEL EP-C1-24 LOCATED IN THE BASEMENT.
3. PROVIDE A 30A FUSED DISCONNECT SWITCH FOR ELEVATOR CAB LIGHTING, CAPABLE OF BEING LOCKED IN THE OPEN POSITION. COORDINATE WITH ELEVATOR MANUFACTURED FOR EXACT REQUIREMENTS.
4. PROVIDE A 15A FUSED DISCONNECT SWITCH FOR REMOTE MONITORING, CAPABLE OF BEING LOCKED IN THE OPEN POSITION. COORDINATE WITH ELEVATOR MANUFACTURER FOR EXACT REQUIREMENTS.
5. PROVIDE JUNCTION BOX FOR POWER TO TCP PANELS. ROUTE CIRCUIT TO FLOOR BELOW.
6. LOCATION OF BRACE FRAMING, STEEL TO BE PRE-DRILLED FOR CONDUIT TO DEVICES ON THOSE WALL TYPICAL.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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architecture
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297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

FOURTH FLOOR POWER PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

STATE OF NEW YORK
JOHN L. MARCHESANI
081495
LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number

E305

Scale: As indicated

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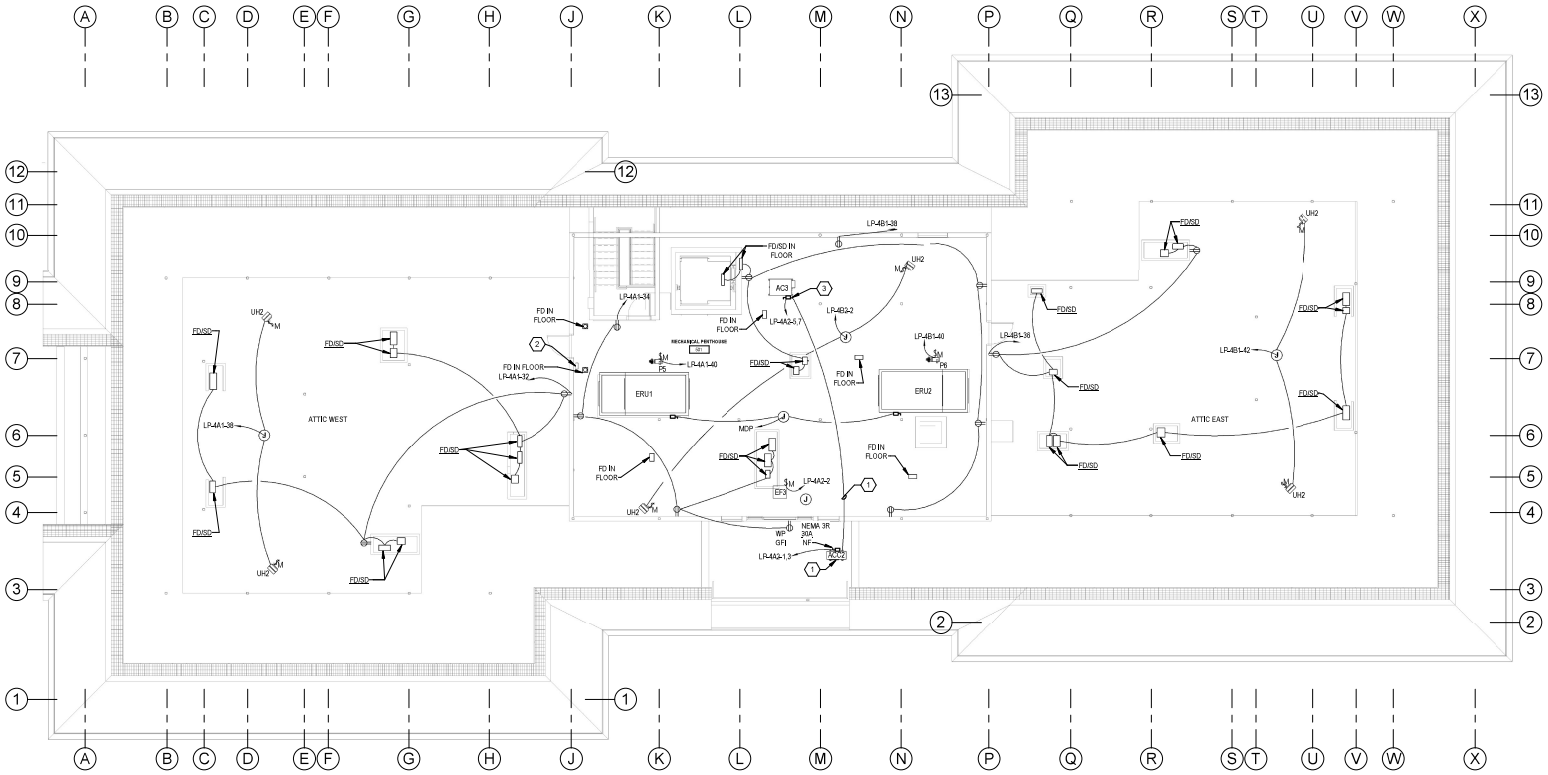

1 ATTIC POWER PLAN
1/8" = 1'-0"

KEYED NOTES (#)

1. PROVIDE 3/4" BETWEEN INDOOR AND OUTDOOR UNIT FOR CONTROLS. COORDINATE WITH DIV. 23.
2. PROVIDE POWER CONNECTION TO TEMPERATURE CONTROL PANEL. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR. CIRCUIT TO PANEL EP-1C-S2.
3. PROVIDE SURFACE MOUNTED BACK BOX FOR DIV. 23 SUPPLIED DISCONNECT SWITCH. COORDINATE LOCATION WITH DIV. 23.

GENERAL NOTES

1. COORDINATE MECHANICAL EQUIPMENT ELECTRICAL REQUIREMENTS WITH DIV. 23.
2. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING OF ELECTRICAL DEVICES.
3. REFER TO MECHANICAL AND PLUMBING SCHEDULES FOR COORDINATION.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

ATTIC POWER PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

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DASNY Project No: 341830

Drawing Number

E306

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

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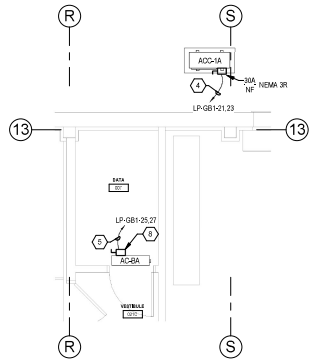
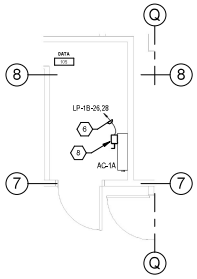
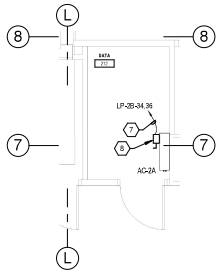


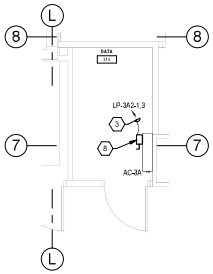
1 BASEMENT ADD ALTERNATE 1
1/4" = 1'-0"



2 FIRST FLOOR ADD ALTERNATE 1
1/4" = 1'-0"



3 SECOND FLOOR ADD ALTERNATE 1
1/4" = 1'-0"



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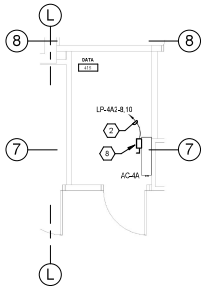
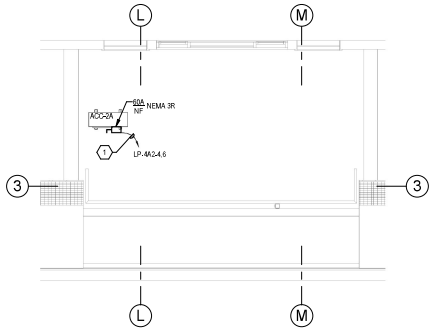
1/4" = 1'-0"



5 FOURTH FLOOR ADD ALTERNATE 1
1/4" = 1'-0"



6 ATTIC ADD ALTERNATE 1
1/4" = 1'-0"

KEYED NOTES (#)

1. PROVIDE A 40A 2-POLE CIRCUIT BREAKER IN PANEL LF-4A2, PROVIDE 3#8, #10 GND, 3/4"C.
2. PROVIDE A 15A 2-POLE CIRCUIT BREAKER IN PANEL LF-4A2, pROVIDE 3#12, #12 GND, 3/4"C
3. PROVIDE A 15A 2-POLE CIRCUIT BREAKER IN PANEL LF-3A2, PROVIDE 3#12, #12 GND, 3/4"C
4. PROVIDE A 30A 2-POLE CIRCUIT BREAKER IN PANEL LF-GB1, PROVIDE 3#10, #10 GND, 1"C
5. PROVIDE A 15A 2-POLE CIRCUIT BREAKER IN PANEL LF-GB1, PROVIDE 3#12, #12 GND, 3/4"C
6. PROVIDE A 15A 2-POLE CIRCUIT BREAKER IN PANEL LF-1B, PROVIDE 3#12, #12 GND, 3/4"C
7. PROVIDE A 15A 2-POLE CIRCUIT BREAKER IN PANEL LF-2B, PROVIDE 3#12, #12 GND, 3/4"C.
8. PROVIDE SURFACE MOUNTED BACK BOX FOR DIV. 23 SUPPLIED DISCONNECT SWITCH. COORDINATE LOCATION WITH DIV. 23.

GENERAL NOTES

1. PROVIDE 3/4" CONDUIT WITH PULL CORD FOR CONTROL WIRING BETWEEN INDOOR AND OUTDOOR UNITS. COORDINATE WITH DIVISION 23.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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One Penn Plaza, 52 Floor, New York, New York 10119 0094
539 Franklin Street, Buffalo, New York 14202 1185
WWW.DASNY.ORG

Consultants:
architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

ADD ALTERNATE 1

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number
E307

Scale: 1/4" = 1'-0"

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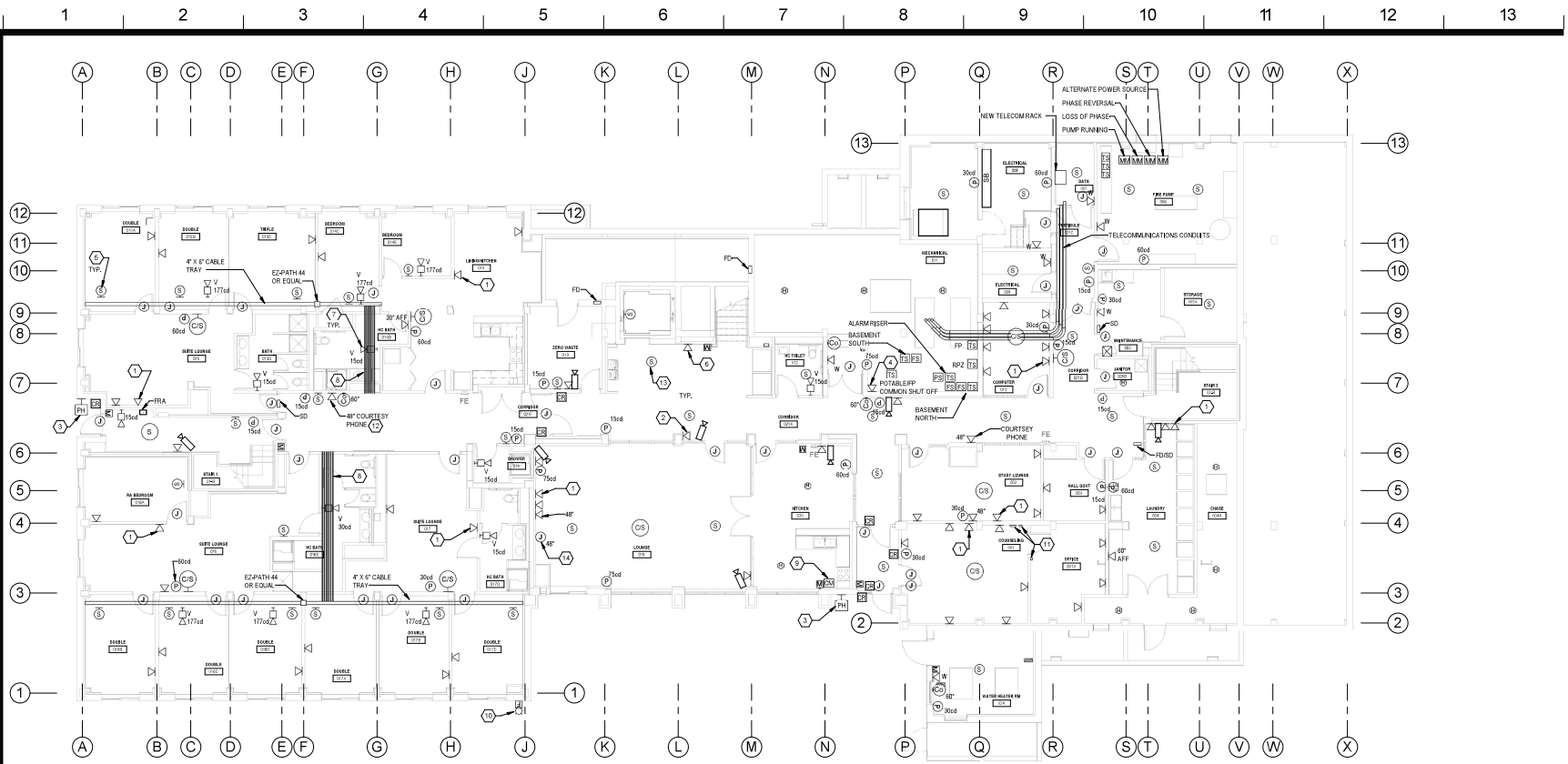

1 BASEMENT LOW VOLTAGE PLAN

1/8" = 1'-0"

GENERAL NOTES:

1. REFER TO THE 500 SERIES DRAWINGS FOR ALL SYSTEM RISER DIAGRAMS.
2. ALL REQUIRED NAC, TRANSPONDER OR EXTENDER PANELS SHALL BE LOCATED IN ELECTRICAL ROOMS.
3. PROVIDE #6 AWG BARE COPPER EQUIPMENT GROUNDING CONDUCTOR THROUGH THE ENTIRE LENGTH OF CABLE TRAY. BOND TO EACH COMPONENT.
4. REFER TO ARCHITECTURAL DRAWINGS TO COORDINATE MOUNTING OF ELECTRICAL DEVICES ON WALL WITH STOREFRONT OR OTHER GLAZING.
5. ANY CORE DRILLING OF EXISTING STRUCTURAL BEAMS SHALL BE COORDINATED WITH STRUCTURAL DRAWINGS.
6. THE CABLE TRAY SHALL BE USED FOR TELECOMMUNICATIONS CABLES.
7. PROVIDE (2) CAT 6 CABLES FROM (2) SIEMENS CONTROL PANELS TO NEAREST SWITCH IN THE BASEMENT AND ATTIC FLOORS. COORDINATE (2) MP ADDRESSES WITH SUNY NEW PALTZ.
8. COORDINATE CABLE TRAY INSTALLATION WITH FIRE PROTECTION PIPING AND CONCRETE SLAB SETTLEMENT IN FIELD.
9. INSTALL C AND R MODULES FOR SPEAKER/STROBES IN BATHROOMS WITH INDICATOR ALIGNED WITH TOP OF BATHROOM DOORS. TYPICAL FOR ALL BATHROOMS.
10. COORDINATE ALL NUMBERS/ADDRESSES THAT ARE USED AT ALL CABLES WITH TELECOMMUNICATIONS, AND BMS SYSTEMS WITH CAMPUS IT DEPARTMENT.
11. JUNCTION BOXES SHOWN ADJACENT TO DOORS ARE FOR PROXIMITY READER CONTROLS. LOCATE JUNCTION BOXES IN SUSPENDED CEILINGS, AT GYPSUM LOCATIONS PROVIDE ACCESS DOORS AS REQUIRED AS PER THE ARCHITECTURAL DRAWINGS.
12. REFER TO SPECIFICATION SECTION 087100 AND 088860 FOR COMPONENTS OF ACCESS CONTROL SYSTEM AND DOOR OPERATION PROTOCOLS.
13. COORDINATE WITH A700 SERIES FOR LOCATIONS OF SOFFITS.

KEYED NOTES

1. PROVIDE A 2 GANG BOX FOR ACCESS POINTS FOR WIRELESS DEVICES. JACK SHALL BE 12" FROM CEILING. PROVIDE (1) CAT 6 CABLE TO TELECOMMUNICATIONS RACK.
2. PROVIDE DATA OUTLET AT EACH CAMERA LOCATION. COORDINATE DATA OUTLET TO BE LOCATED BEHIND CAMERA LOCATION. TYPICAL FOR ALL CAMERA LOCATIONS INDICATED.
3. SURFACE MOUNTED EMERGENCY TELEPHONE. PROVIDE 3/4" CONDUIT WITH (1) CAT 6 CABLE BACK TO ROOM 007 FOR CONNECTION TO TELEPHONE SYSTEM. PROVIDE 3/4" CONDUIT AND WIRING BETWEEN THE BLUE LIGHT FIXTURE AND THE TELEPHONE. COORDINATE WITH ARCHITECT AND MANUFACTURER FOR EXACT LOCATION AND REQUIREMENTS FOR PHONE. TALK A PHONE PN-ETP-SMI+-1 YELLOW HOODED SURFACE MOUNT.
4. PROVIDE (2) CAT 6 CABLES TO ROOM 007 FOR TEMPERATURE CONTROL PANEL CONNECTION.
5. PROVIDE AUDIBLE BASE SMOKE DETECTORS IN BEDROOMS. TYPICAL FOR ALL BEDROOMS.
6. PROVIDE 3/4" CONDUIT WITH (1) CAT 6 CABLE BACK TO ROOM 007 FOR DIGITAL MARQUEE SIGN.
7. PER NFPA 72 THE STROBE SHALL BE MOUNTED 6" FROM THE CEILING WHERE CEILING HEIGHTS WILL NOT ALLOW 80" AFF.
8. PROVIDE (6) 1" CONDUITS TO FEED CABLE TRAY, 2 SPARE 4 ACTIVE.
9. PROVIDE CONTROL MODULE FOR CONNECTION TO KITCHEN HOOD SUPPRESSION SYSTEM.
10. PROVIDE A CONNECTION TO THE FIRE ALARM SYSTEM FROM THE SPRINKLER ALARM BELL. PROVIDED BY DIVISION 21.
11. 4 ZONE RECEIVER WITH RELAY INPUTS, AND LATCHING HOLD-UP SWITCH FOR WIRELESS PANIC BUTTON. REFER TO DRAWING E504 FOR ADDITIONAL INFORMATION.
12. PROVIDE (2) TWO CAT 6 CABLES FROM PHONE LOCATION BACK TO DATACLOSET ON FLOOR TYPICAL. PHONE TO BE PROVIDED BY CAMPUS FOR CONTRACTOR INSTALLATION.
13. PROGRAM SMOKE DETECTOR AS PRIMARY FLOOR FOR ELEVATOR RECALL TO GROUND FLOOR.
14. PROVIDE 3/4" CONDUIT WITH PULL CORD FROM JUNCTION BOX TO ABOVE CEILING FOR FUTURE SURROUND SOUND SPEAKER WIRING.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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One Penn Plaza, 52 Floor, New York, New York 10119-0098
539 Franklin Street, Buffalo, New York 14202-1109
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Consultants:

architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

BASEMENT LOW VOLTAGE PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

STATE OF NEW YORK · JOHN L. MARCHESE · 081455 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number

E401

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

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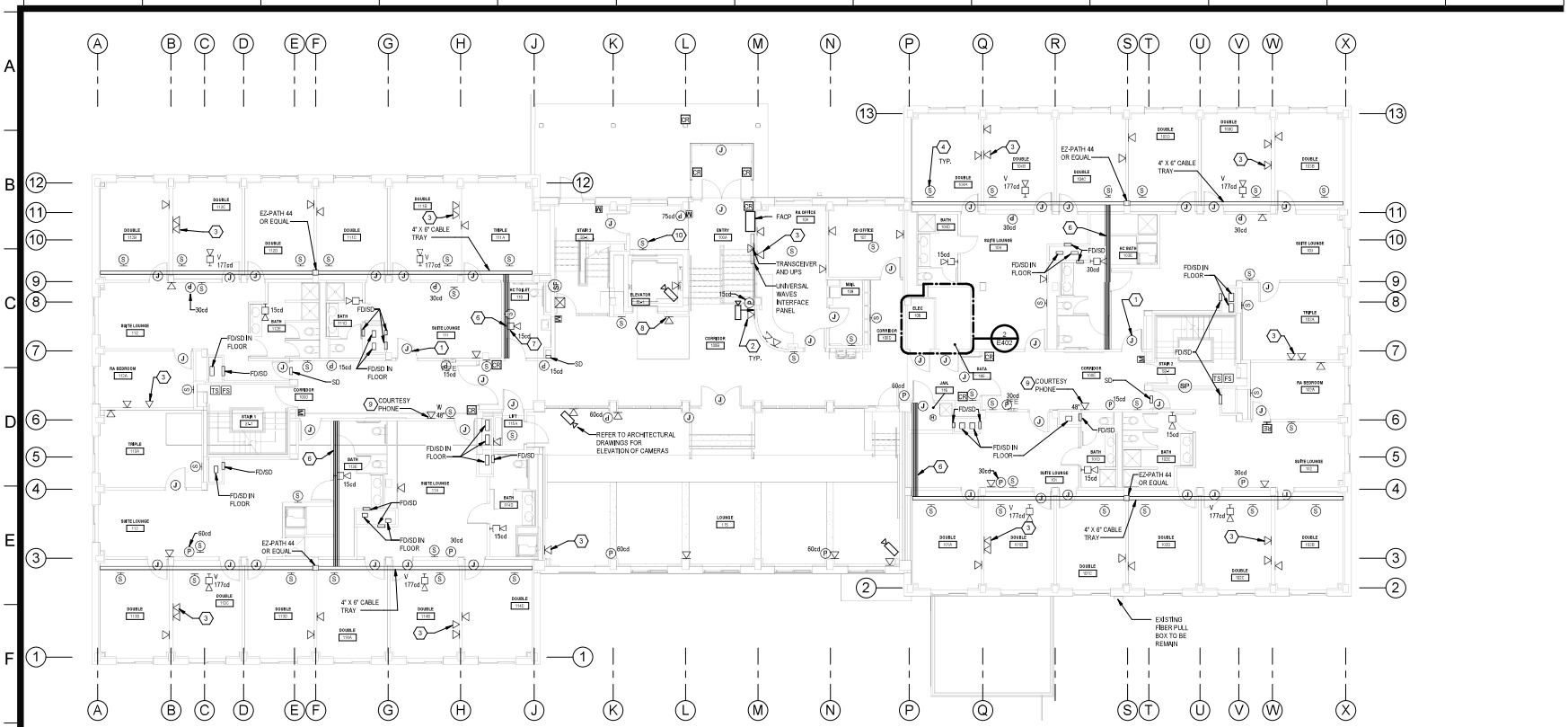
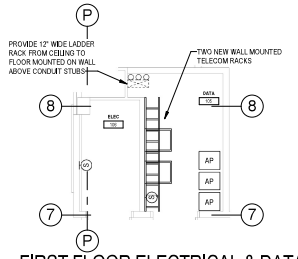


1 FIRST FLOOR LOW VOLTAGE PLAN

1/8" = 1'-0"



2 FIRST FLOOR ELECTRICAL & DATA CLOSET

1/4" = 1'-0"

GENERAL NOTES:

1. REFER TO THE 500 SERIES DRAWINGS FOR ALL SYSTEM RISER DIAGRAMS.
2. ALL REQUIRED NAC, TRANSPONDER OR EXTENDER SHALL BE LOCATED IN THE DATA ROOM.
3. COORDINATE DATA DROPS WITH CAMPUS FOR EXACT QUANTITY OF CABLES FOR EACH DATA BOX PRIOR TO INSTALLATION.
4. PROVIDE #6 AWG BARE COPPER EQUIPMENT GROUNDING CONDUCTOR THROUGH THE ENTIRE LENGTH OF CABLE TRAY; BOND TO EACH COMPONENT.
5. REFER TO ARCHITECTURAL DRAWINGS TO COORDINATE MOUNTING OF ELECTRICAL DEVICES ON WALL WITH STOREFRONT OR OTHER GLAZING.
6. ANY CORE DRILLING OF EXISTING STRUCTURAL BEAMS SHALL BE COORDINATED WITH STRUCTURAL DRAWINGS.
7. THE CABLE TRAY SHALL BE USED FOR TELECOMMUNICATIONS CABLES.
8. CABLE TRAY SHALL BE MODIFIED AS REQUIRED FOR POSSIBLE EXISTING SLAB SETTLEMENT AND SPRINKLER PIPING.
9. PROVIDE CAT 6 CABLE FROM (2) SIEMENS CONTROL PANELS TO NEAREST SWITCH IN THE BASEMENT AND ATTIC FLOORS. COORDINATE (2) IP ADDRESSES WITH SUNY NEW PALTZ.
10. COORDINATE CABLE TRAY INSTALLATION WITH FIRE PROTECTION PIPING AND CONCRETE SLAB SETTLEMENT IN FIELD.
11. TELECOMMUNICATION AND TV OUTLETS SHOWN IN ALL BEDROOMS SHALL BE IN A 2 GANG BOX WITH A (1) 3/4" CONDUIT TO CABLE TRAY WITH (2) CAT 6 AND (1) COAX CABLE.
12. INSTALL C AND R MODULES FOR SPEAKERS/STROBES IN BATHROOMS WITH INDICATOR ALIGNED WITH TOP OF BATHROOM DOORS, TYPICAL FOR ALL BATHROOMS.
13. COORDINATE ALL NUMBERS/ADDRESSES THAT ARE USED AT ALL CABLES ASSOCIATED WITH TELECOMMUNICATIONS, AND BMS SYSTEMS WITH CAMPUS IT DEPARTMENT.
14. JUNCTION BOXES SHOWN ADJACENT TO DOORS ARE FOR PROXIMITY READER CONTROLS. LOCATE JUNCTION BOXES IN SUSPENDED CEILINGS, AT GYPSUM LOCATIONS. PROVIDE ACCESS DOOR AS PER ARCHITECTURAL DRAWINGS.
15. REFER TO SPECIFICATION SECTION 087100 & 088850 FOR COMPONENTS OF ACCESS CONTROL SYSTEM AND DOOR OPERATION PROTOCOLS.
16. COORDINATE WITH A700 SERIES FOR LOCATIONS OF SOFFITS.

KEYED NOTES (#)

1. PROVIDE JUNCTION BOX FOR SECURITY SYSTEM EQUIPMENT MOUNTED ABOVE FINISHED CEILING LINE. PROVIDE ACCESS DOORS AS REQUIRED. TYPICAL
2. PROVIDE DATA OUTLET AT EACH CAMERA LOCATION. COORDINATE DATA OUTLET TO BE LOCATED BEHIND CAMERA LOCATION. TYPICAL.
3. PROVIDE A 2 GANG BOX FOR ACCESS POINTS FOR WIRELESS DEVICES. JACK SHALL BE 12" FROM CEILING. PROVIDE (1) CAT 6 CABLE TO TELECOMMUNICATIONS RACK.
4. PROVIDE AUDIBLE BASE SMOKE DETECTORS IN BEDROOMS. TYPICAL FOR ALL BEDROOMS.
5. NOT USED.
6. PROVIDE (3) 2" CONDUITS TO FEED CABLE TRAY. 1 SPARE. 2 ACTIVE.
7. PER NFPA 72 THE STROBE SHALL BE MOUNTED 6" FROM THE CEILING WHERE CEILING HEIGHTS WILL NOT ALLOW > 80" AFF.
8. PROVIDE DATA OUTLET FOR SCROLLING MARQUEE DISPLAY. PROVIDE CAT 6 CABLES BACK TO DATA CLOSET.
9. PROVIDE (2) TWO CAT 6 CABLES FROM PHONE LOCATION BACK TO DATACLOSET ON FLOOR TYPICAL. PHONE TO BE PROVIDED BY OWNER FOR CONTRACTOR INSTALLATION.
10. PROGRAM SMOKE DETECTOR TO BE SECONDARY/ALTERNATE ELEVATOR RECALL AT ENTRY LEVEL.
11. PROVIDE TALK A PHONE TOWER PH-SUNY-KIP-001, TOWER AND CAMERA MOUNTING ARM SHALL PAINTED BLACK 35GR. PROVIDE WITH MODEL OPTION-4-ARM FOR CAMERA. PROVIDE BLUE LIGHT COVER PLATE MODEL 24704. TOWER SHALL INCLUDE "EMERGENCY" LETTERING IN WHITE. PROVIDE 3/4" CONDUIT WITH (1) CAT 6 CABLE TO ROOM 105.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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DASNY
DORMITORY AUTHORITY STATE OF NEW YORK
515 Broadway, Albany, New York 12207-2964
One Penn Plaza, 52 Floor, New York, New York 10119-0098
539 Franklin Street, Buffalo, New York 14202-1085
WWW.DASNY.ORG

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Consultants:

architecture+
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

FIRST FLOOR LOW VOLTAGE PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

STATE OF NEW YORK · JOHN L. MARCHESE · 081455 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number

E402

Scale: As indicated

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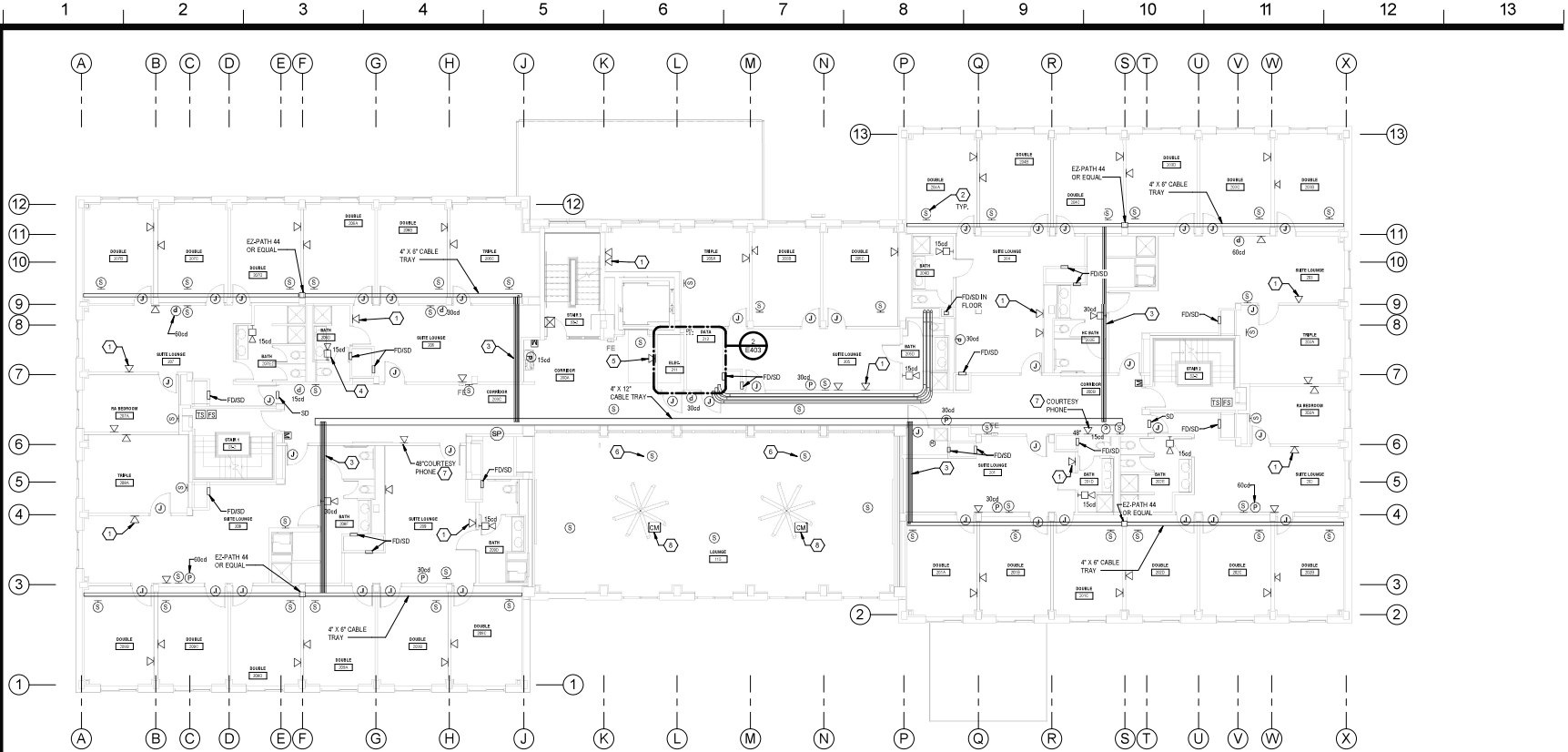
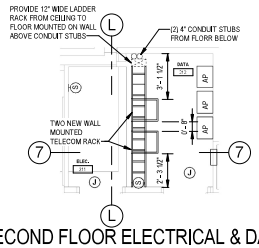


1 SECOND FLOOR LOW VOLTAGE PLAN

1/8" = 1'-0"



2 SECOND FLOOR ELECTRICAL & DATA CLOSET

1/4" = 1'-0"

GENERAL NOTES:

1. REFER TO THE 500 SERIES DRAWINGS FOR ALL SYSTEM RISER DIAGRAMS.
2. ALL REQUIRED NAC, TRANSPONDER OR EXTENDER SHALL BE LOCATED IN THE DATA ROOM.
3. COORDINATE DATA DROPS WITH CAMPUS FOR EXACT QUANTITY OF CABLES FOR EACH DATA BOX PRIOR TO INSTALLATION.
4. PROVIDE #6 AWG BARE COPPER EQUIPMENT GROUNDING CONDUCTOR THROUGH THE ENTIRE LENGTH OF CABLE TRAY; BOND TO EACH COMPONENT.
5. REFER TO ARCHITECTURAL DRAWINGS TO COORDINATE MOUNTING OF ELECTRICAL DEVICES ON WALL WITH STOREFRONT OR OTHER GLAZING.
6. ANY CORE DRILLING OF EXISTING STRUCTURAL BEAMS SHALL BE COORDINATED WITH STRUCTURAL DRAWINGS.
7. THE CABLE TRAY SHALL BE USED FOR TELECOMMUNICATIONS CABLES.
8. CABLE TRAY SHALL BE MODIFIED AS REQUIRED FOR POSSIBLE EXISTING SLAB SETTLEMENT AND SPRINKLER PIPING.
9. PROVIDE CAT 6 CABLE FROM (2) SIEMENS CONTROL PANELS TO NEAREST SWITCH IN THE BASEMENT AND ATTIC FLOORS. COORDINATE (2) IP ADDRESSES WITH SUNY NEW PALTZ.
10. COORDINATE CABLE TRAY INSTALLATION WITH FIRE PROTECTION PIPING AND CONCRETE SLAB SETTLEMENT IN FIELD.
11. TELECOMMUNICATION AND TV OUTLETS SHOWN IN ALL BEDROOMS SHALL BE IN A 2 GANG BOX WITH A (1) 3/4" CONDUIT TO CABLE TRAY WITH (2) CAT 6 AND (1) COAX CABLE.
12. INSTALL C AND R MODULES FOR SPEAKERS/STROBES IN BATHROOMS WITH INDICATOR ALIGNED WITH TOP OF BATHROOM DOORS, TYPICAL FOR ALL BATHROOMS.
13. COORDINATE ALL NUMBERS/ADDRESSES THAT ARE USED AT ALL CABLES ASSOCIATED WITH TELECOMMUNICATIONS, AND BMS SYSTEMS WITH CAMPUS IT DEPARTMENT.
14. JUNCTION BOXES SHOWN ADJACENT TO DOORS ARE FOR PROXIMITY READER CONTROLS. LOCATE JUNCTION BOXES IN SUSPENDED CEILINGS, AT GYPSUM LOCATIONS. PROVIDE ACCESS DOOR AS PER ARCHITECTURAL DRAWINGS.
15. REFER TO SPECIFICATION SECTION 087100 & 088850 FOR COMPONENTS OF ACCESS CONTROL SYSTEM AND DOOR OPERATION PROTOCOLS.
16. COORDINATE WITH A700 SERIES FOR LOCATIONS OF SOFFITS.

KEYED NOTES (#)

1. PROVIDE A 2 GANG BOX FOR ACCESS POINTS FOR WIRELESS DEVICES. JACK SHALL BE 12" FROM CEILING, PROVIDE (1) CAT 6 CABLE TO TELECOMMUNICATIONS RACK.
2. PROVIDE AUDIBLE BASE SMOKE DETECTORS IN BEDROOMS, TYPICAL FOR ALL BEDROOMS.
3. PROVIDE (3) 2" CONDUITS TO FEED CABLE TRAY, 1 SPARE, 2 ACTIVE.
4. PER NFPA 72 THE STROBE SHALL BE MOUNTED 6" FROM THE CEILING WHERE CEILING HEIGHTS WILL NOT ALLOW > 80" AFF.
5. PROVIDE DATA OUTLET FOR SCROLLING MARQUEE DISPLAY. PROVIDE CAT 6 CABLE BACK TO DATA CLOSET.
6. SMOKE DETECTOR CAN NOT BE LOCATED CLOSER THAN 3'-0" TO THE EDGE OF THE CEILING FAN BLADES AS REQUIRED BY NFPA 72.
7. PROVIDE (2) TWO CAT 6 CABLES FROM PHONE LOCATION BACK TO DATACLOSET ON FLOOR TYPICAL. PHONE TO BE PROVIDED BY OWNER FOR CONTRACTOR INSTALLATION.
8. PROVIDE FIRE ALARM CONTROL MODULE FOR FAN SHUT DOWN. COORDINATE WITH DIV23. PROVIDE CONNECTION BETWEEN FAN AND CONTROL MODULE.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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DASNY
DORMITORY AUTHORITY STATE OF NEW YORK
515 Broadway, Albany, New York 12207-2964
One Penn Plaza, 52 Floor, New York, New York 10119-0098
539 Franklin Street, Buffalo, New York 14202-1108
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Consultants:

architecture+
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

SECOND FLOOR LOW VOLTAGE PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

STATE OF NEW YORK · JOHN L. MARCHESE · 081455 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number: E403

Scale: As indicated

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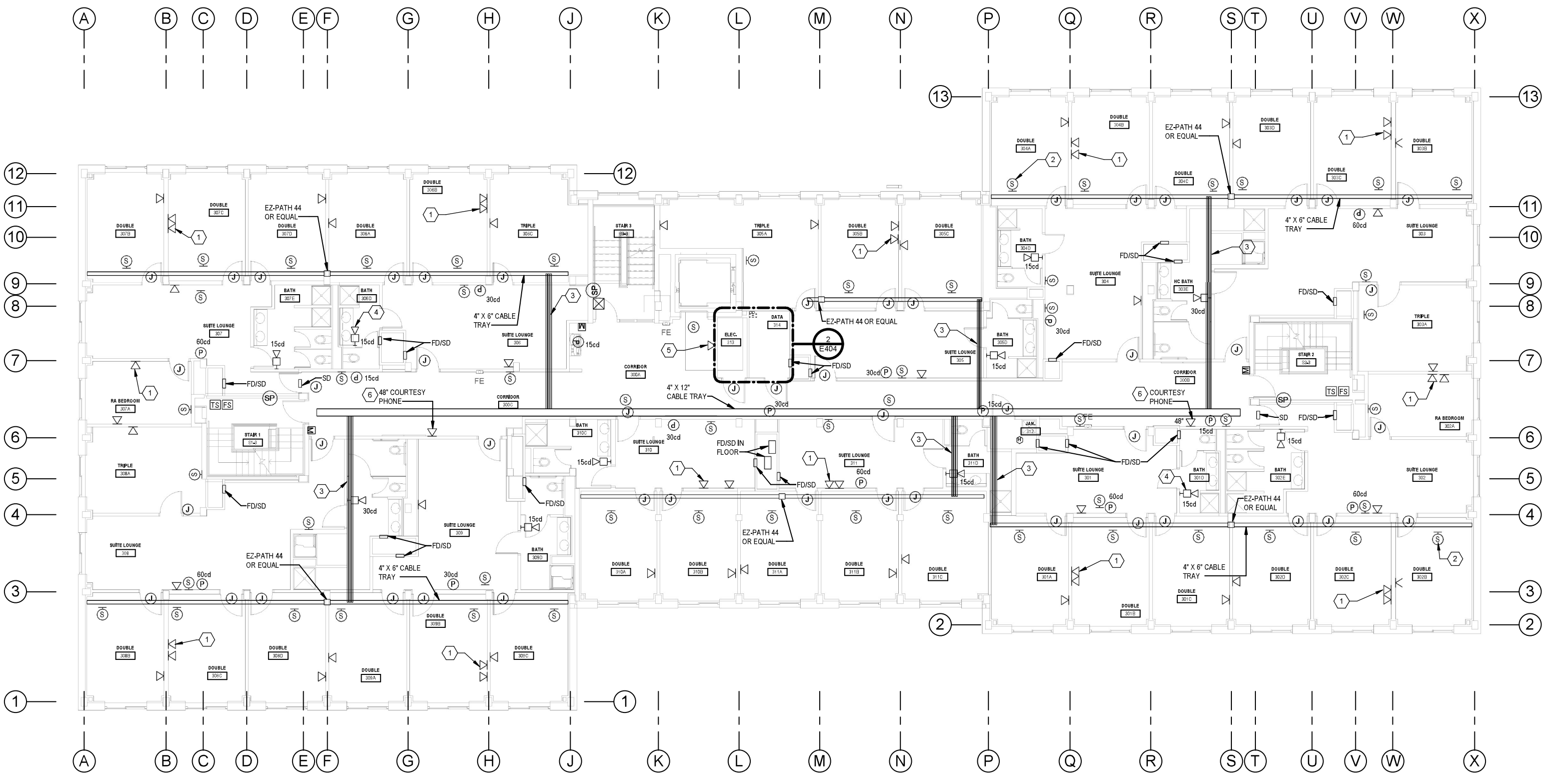
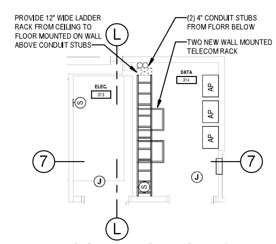


1 THIRD FLOOR LOW VOLTAGE PLAN
1/8" = 1'-0"



2 THIRD FLOOR ELECTRICAL & DATA CLOSET
1/4" = 1'-0"

GENERAL NOTES:

1. REFER TO THE 500 SERIES DRAWINGS FOR ALL SYSTEM RISER DIAGRAMS.
2. ALL REQUIRED NAC, TRANSPONDER OR EXTENDER SHALL BE LOCATED IN THE DATA ROOM.
3. COORDINATE DATA DROPS WITH CAMPUS FOR EXACT QUANTITY OF CABLES FOR EACH DATA BOX PRIOR TO INSTALLATION.
4. PROVIDE #6 AWG BARE COPPER EQUIPMENT GROUNDING CONDUCTOR THROUGH THE ENTIRE LENGTH OF CABLE TRAY; BOND TO EACH COMPONENT.
5. REFER TO ARCHITECTURAL DRAWINGS TO COORDINATE MOUNTING OF ELECTRICAL DEVICES ON WALL WITH STOREFRONT OR OTHER GLAZING.
6. ANY CORE DRILLING OF EXISTING STRUCTURAL BEAMS SHALL BE COORDINATED WITH STRUCTURAL DRAWINGS.
7. THE CABLE TRAY SHALL BE USED FOR TELECOMMUNICATIONS CABLES.
8. CABLE TRAY SHALL BE MODIFIED AS REQUIRED FOR POSSIBLE EXISTING SLAB SETTLEMENT AND SPRINKLER PIPING.
9. PROVIDE CAT 6 CABLE FROM (2) SIEMENS CONTROL PANELS TO NEAREST SWITCH IN THE BASEMENT AND ATTIC FLOORS. COORDINATE (2) IP ADDRESSES WITH SUNY NEW PALTZ.
10. COORDINATE CABLE TRAY INSTALLATION WITH FIRE PROTECTION PIPING AND CONCRETE SLAB SETTLEMENT IN FIELD.
11. TELECOMMUNICATION AND TV OUTLETS SHOWN IN ALL BEDROOMS SHALL BE IN A 2 GANG BOX WITH A (1) 3/4" CONDUIT TO CABLE TRAY WITH (2) CAT 6 AND (1) COAX CABLE.
12. INSTALL C AND R MODULES FOR SPEAKERS/STROBES IN BATHROOMS WITH INDICATOR ALIGNED WITH TOP OF BATHROOM DOORS, TYPICAL FOR ALL BATHROOMS.
13. COORDINATE ALL NUMBERS/ADDRESSES THAT ARE USED AT ALL CABLES ASSOCIATED WITH TELECOMMUNICATIONS, AND BMS SYSTEMS WITH CAMPUS IT DEPARTMENT.
14. JUNCTION BOXES SHOWN ADJACENT TO DOORS ARE FOR PROXIMITY READER CONTROLS. LOCATE JUNCTION BOXES IN SUSPENDED CEILINGS, AT GYPSUM LOCATIONS, PROVIDE ACCESS DOOR AS PER ARCHITECTURAL DRAWINGS.
15. REFER TO SPECIFICATION SECTION 087100 & 088860 FOR COMPONENTS OF ACCESS CONTROL SYSTEM AND DOOR OPERATION PROTOCOLS.
16. COORDINATE WITH A700 SERIES FOR LOCATIONS OF SOFFITS.

KEYED NOTES #

1. PROVIDE A 2 GANG BOX FOR ACCESS POINTS FOR WIRELESS DEVICES. JACK SHALL BE 12" FROM CEILING. PROVIDE (1) CAT 6 CABLE TO TELECOMMUNICATIONS RACK.
2. PROVIDE AUDIBLE BASE SMOKE DETECTORS IN BEDROOMS. TYPICAL FOR ALL BEDROOMS.
3. PROVIDE (3) 2" CONDUITS TO FEED CABLE TRAY. 1 SPARE, 2 ACTIVE.
4. PER NFPA 72 THE STROBE SHALL BE MOUNTED 6" FROM THE CEILING WHERE CEILING HEIGHTS WILL NOT ALLOW > 80" AFF.
5. PROVIDE DATA OUTLET FOR SCROLLING MARQUEE DISPLAY. PROVIDE CAT 6 CABLE BACK TO DATA CLOSET.
6. PROVIDE (2) TWO CAT 6 CABLES FROM PHONE LOCATION BACK TO DATACLOSET ON FLOOR TYPICAL. PHONE TO BE PROVIDED BY OWNER FOR CONTRACTOR INSTALLATION.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title
STATE UNIVERSITY OF NEW YORK AT NEW PALTZ
DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION
1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
BID DOCUMENTS

THIRD FLOOR LOW VOLTAGE PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature
STATE OF NEW YORK · SHAUN C. DeMARANVILLE · 081462 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830
Drawing Number
E404
Scale: As indicated

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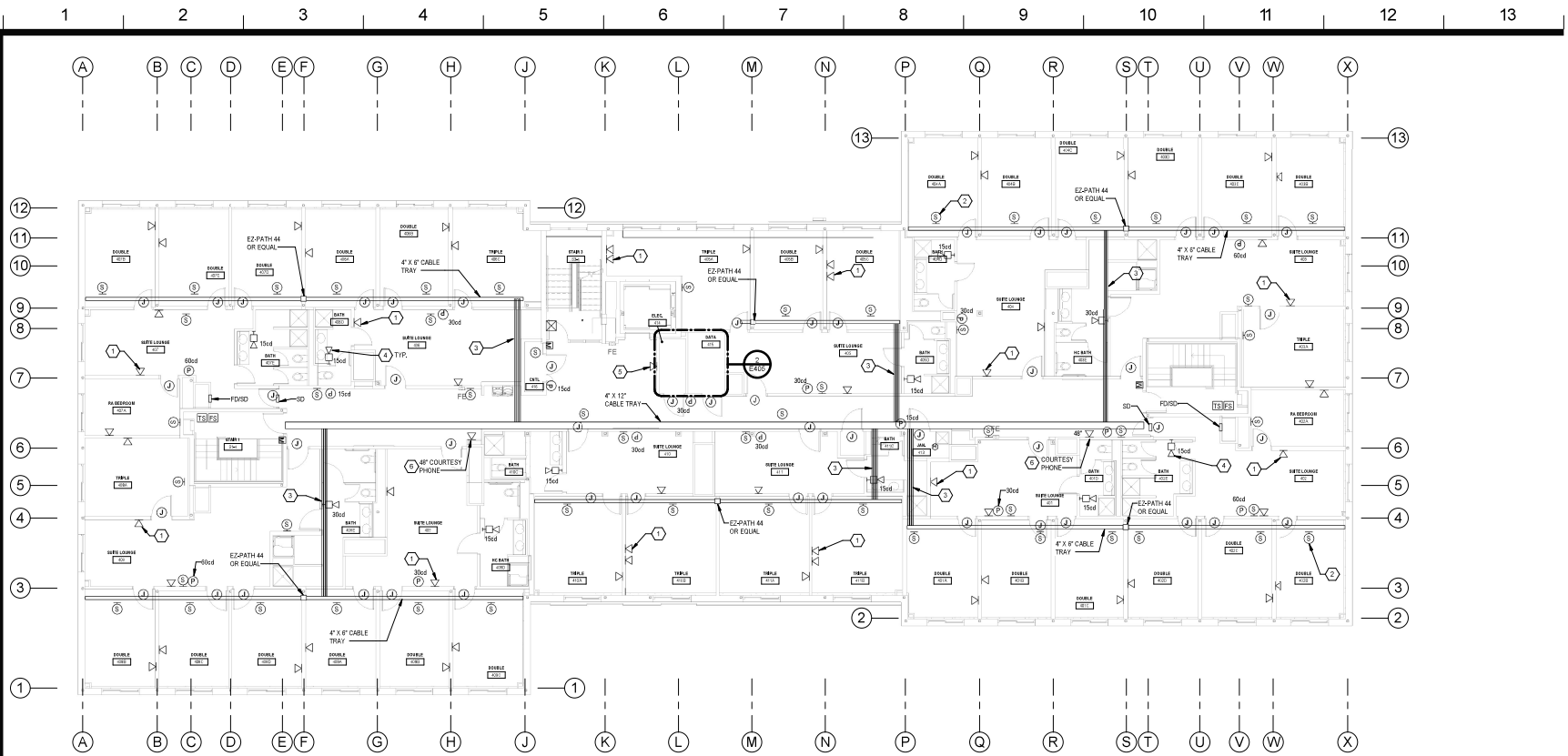
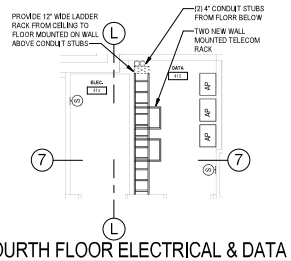


1 FOURTH FLOOR LOW VOLTAGE PLAN

1/8" = 1'-0"



2 FOURTH FLOOR ELECTRICAL & DATA CLOSET

1/4" = 1'-0"

GENERAL NOTES:

1. REFER TO THE 500 SERIES DRAWINGS FOR ALL SYSTEM RISER DIAGRAMS.
2. ALL REQUIRED NAC, TRANSPONDER OR EXTENDER SHALL BE LOCATED IN THE DATA ROOM.
3. COORDINATE DATA DROPS WITH CAMPUS FOR EXACT QUANTITY OF CABLES FOR EACH DATA BOX PRIOR TO INSTALLATION.
4. PROVIDE #6 AWG BARE COPPER EQUIPMENT GROUNDING CONDUCTOR THROUGH THE ENTIRE LENGTH OF CABLE TRAY; BOND TO EACH COMPONENT.
5. REFER TO ARCHITECTURAL DRAWINGS TO COORDINATE MOUNTING OF ELECTRICAL DEVICES ON WALL WITH STOREFRONT OR OTHER GLAZING.
6. ANY CORE DRILLING OF EXISTING STRUCTURAL BEAMS SHALL BE COORDINATED WITH STRUCTURAL DRAWINGS.
7. THE CABLE TRAY SHALL BE USED FOR TELECOMMUNICATIONS CABLES.
8. CABLE TRAY SHALL BE MODIFIED AS REQUIRED FOR POSSIBLE EXISTING SLAB SETTLEMENT AND SPRINKLER PIPING.
9. PROVIDE CAT 6 CABLE FROM (2) SIEMENS CONTROL PANELS TO NEAREST SWITCH IN THE BASEMENT AND ATTIC FLOORS. COORDINATE (2) IP ADDRESSES WITH SUNY NEW PALTZ.
10. COORDINATE CABLE TRAY INSTALLATION WITH FIRE PROTECTION PIPING AND CONCRETE SLAB SETTLEMENT IN FIELD.
11. TELECOMMUNICATION AND TV OUTLETS SHOWN IN ALL BEDROOMS SHALL BE IN A 2 GANG BOX WITH A (1) 3/4" CONDUIT TO CABLE TRAY WITH (2) CAT 6 AND (1) COAX CABLE.
12. INSTALL C AND R MODULES FOR SPEAKERS/STROBES IN BATHROOMS WITH INDICATOR ALIGNED WITH TOP OF BATHROOM DOORS, TYPICAL FOR ALL BATHROOMS.
13. COORDINATE ALL NUMBERS/ADDRESSES THAT ARE USED AT ALL CABLES ASSOCIATED WITH TELECOMMUNICATIONS, AND BMS SYSTEMS WITH CAMPUS IT DEPARTMENT.
14. JUNCTION BOXES SHOWN ADJACENT TO DOORS ARE FOR PROXIMITY READER CONTROLS. LOCATE JUNCTION BOXES IN SUSPENDED CEILINGS, AT GYPSUM LOCATIONS. PROVIDE ACCESS DOOR AS PER ARCHITECTURAL DRAWINGS.
15. REFER TO SPECIFICATION SECTION 087100 & 088850 FOR COMPONENTS OF ACCESS CONTROL SYSTEM AND DOOR OPERATION PROTOCOLS.
16. COORDINATE WITH A700 SERIES FOR LOCATIONS OF SOFFITS.

KEYED NOTES (#)

1. PROVIDE A 2 GANG BOX FOR ACCESS POINTS FOR WIRELESS DEVICES. JACK SHALL BE 12" FROM CEILING, PROVIDE (1) CAT 6 CABLE TO TELECOMMUNICATIONS RACK.
2. PROVIDE AUDIBLE BASE SMOKE DETECTORS IN BEDROOMS, TYPICAL FOR ALL BEDROOMS.
3. PROVIDE (3) 2" CONDUITS TO FEED CABLE TRAY, 1 SPARE, 2 ACTIVE.
4. PER NFPA 72 THE STROBE SHALL BE MOUNTED 6" FROM THE CEILING WHERE CEILING HEIGHTS WILL NOT ALLOW > 80" AFF.
5. PROVIDE DATA OUTLET FOR SCROLLING MARQUEE DISPLAY. PROVIDE CAT 6 CABLE BACK TO DATA CLOSET. PHONE TO BE PROVIDED BY OWNER FOR CONTRACTOR INSTALLATION.
6. PROVIDE (2) TWO CAT 6 CABLES FROM PHONE LOCATION BACK TO DATACLOSET ON FLOOR TYPICAL. PHONE TO BE PROVIDED BY OWNER FOR CONTRACTOR INSTALLATION.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

FOURTH FLOOR LOW VOLTAGE PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

STATE OF NEW YORK · JOHN L. MARCHESE · 081455 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number

E405

Scale: As indicated

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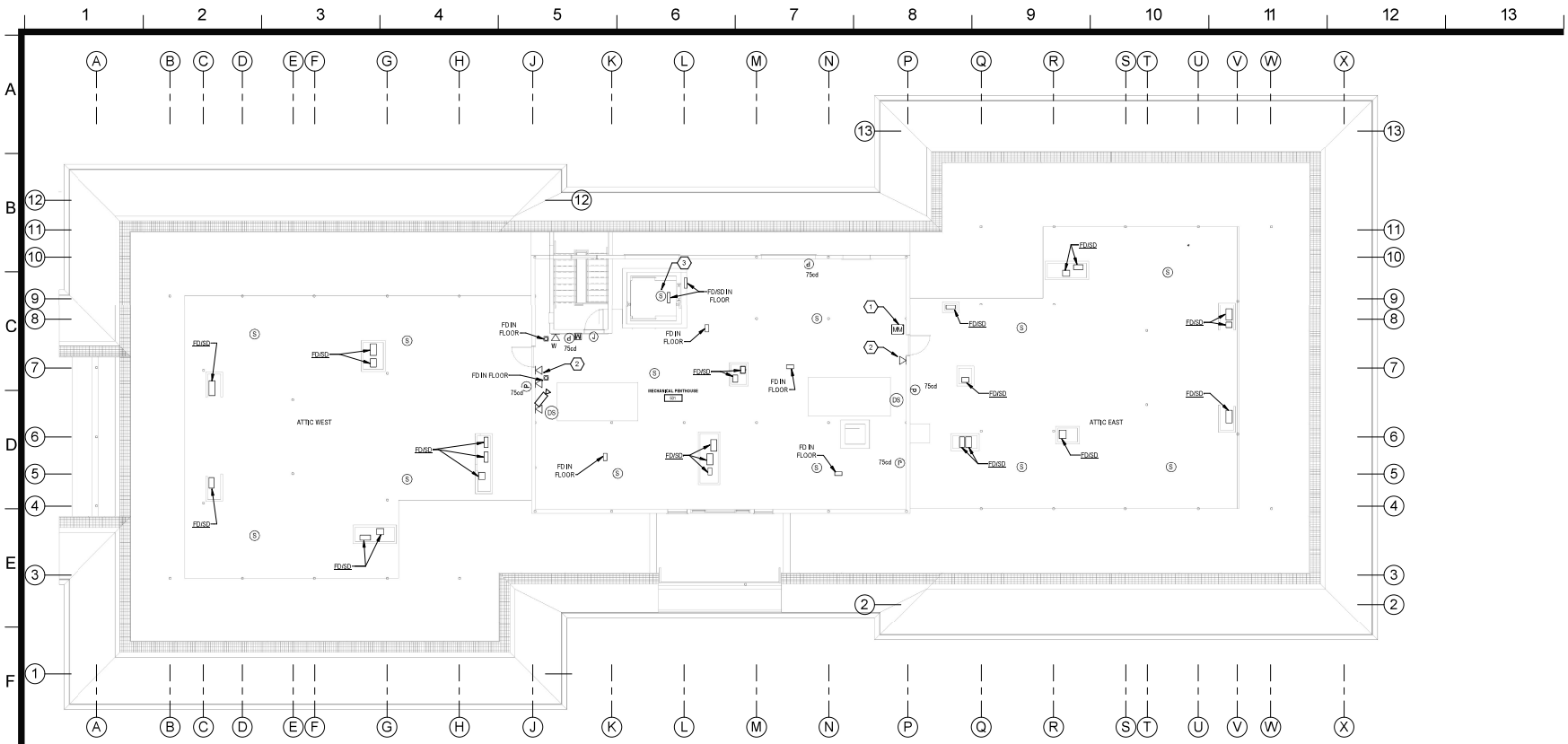

1 ATTIC LOW VOLTAGE PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. REFER TO THE 500 SERIES DRAWINGS FOR ALL SYSTEM RISER DIAGRAMS.
2. ALL REQUIRED NAC, TRANSPONDER OR EXTENDER SHALL BE LOCATED IN THE DATA ROOM.
3. COORDINATE DATA DROPS WITH CAMPUS FOR EXACT QUANTITY OF CABLES FOR EACH DATA BOX PRIOR TO INSTALLATION.
4. PROVIDE #6 AWG BARE COPPER EQUIPMENT GROUNDING CONDUCTOR THROUGH THE ENTIRE LENGTH OF CABLE TRAY; BOND TO EACH COMPONENT.
5. REFER TO ARCHITECTURAL DRAWINGS TO COORDINATE MOUNTING OF ELECTRICAL DEVICES ON WALL WITH STOREFRONT OR OTHER GLAZING.
6. ANY CORE DRILLING OF EXISTING STRUCTURAL BEAMS SHALL BE COORDINATED WITH STRUCTURAL DRAWINGS.
7. THE CABLE TRAY SHALL BE USED FOR BOTH TELECOMMUNICATIONS AND FIRE ALARM.
8. CABLE TRAY SHALL BE MODIFIED AS REQUIRED FOR POSSIBLE EXISTING SLAB SETTLEMENT AND SPRINKLER PIPING.
9. PROVIDE CAT 6 CABLE FROM (2) SIEMENS CONTROL PANELS TO NEAREST SWITCH IN THE BASEMENT AND ATTIC FLOORS. COORDINATE (2) IP ADDRESSES WITH SUNY NEW PALTZ.
10. WHERE CEILING HEIGHTS ARE LOW AND SPEAKERS/STROBES CANNOT BE MOUNTED AT 80" AFF AND 6" BELOW CEILING, MOUNT DEVICES TIGHT TO CEILING.
11. TELECOMMUNICATION AND TV OUTLETS SHOWN IN ALL BEDROOMS SHALL BE IN A 2 GANG BOX WITH A (1) 3/4" CONDUIT TO CABLE TRAY WITH (2) CAT 6 AND (1) COAX CABLE.
12. INSTALL C AND R MODULES FOR SPEAKERS/STROBES IN BATHROOMS WITH INDICATOR ALIGNED WITH TOP OF BATHROOM DOORS, TYPICAL FOR ALL BATHROOMS.
13. COORDINATE ALL NUMBERS/ADDRESSES THAT ARE USED AT ALL CABLES ASSOCIATED WITH TELECOMMUNICATIONS, AND BMS SYSTEMS WITH CAMPUS IT DEPARTMENT.
14. JUNCTION BOXES SHOWN ADJACENT TO DOORS ARE FOR PROXIMITY READER CONTROLS. LOCATE JUNCTION BOXES IN SUSPENDED CEILINGS. AT GYPSUM LOCATIONS, PROVIDE ACCESS DOOR AS PER ARCHITECTURAL DRAWINGS.
15. REFER TO SPECIFICATION SECTION 087100 & 088850 FOR COMPONENTS OF ACCESS CONTROL SYSTEM AND DOOR OPERATION PROTOCOLS.

KEYED NOTES (#)

1. PROVIDE A MONITORING MODULE FOR HEAT DETECTORS LOCATED IN ATTIC SPACE. REFER TO FIRE ALARM RISER DIAGRAM.
2. PROVIDE (2) CAT 6 CABLES FROM TELECOMMUNICATION OUTLET TO FOURTH FLOOR DATA CLOSET FOR TEMPERATURE CONTROL PANEL.
3. PROGRAM SMOKE DETECTOR FOR PRIMARY RECALL AND FLASHING FIRE HAT.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

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STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

ATTIC LOW VOLTAGE PLAN

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

STATE OF NEW YORK · JOHN E. LOMONACO · 081455 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

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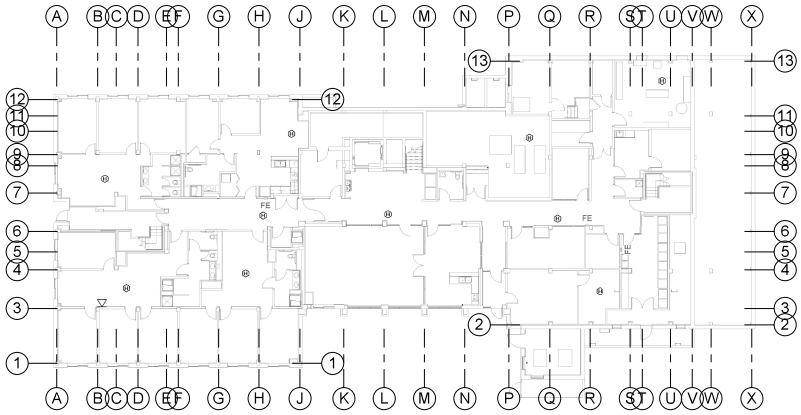
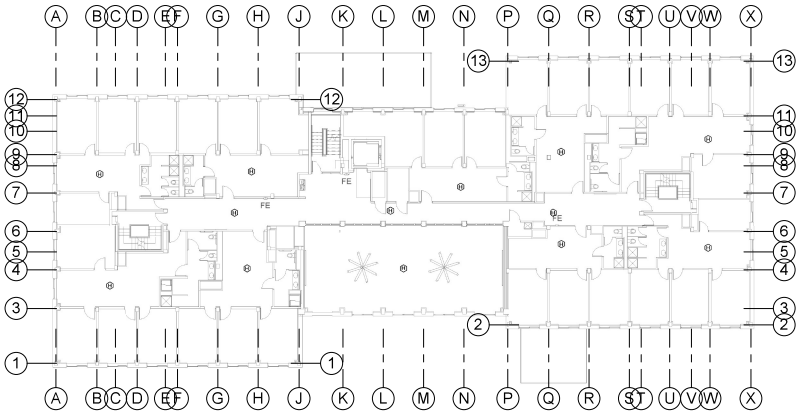
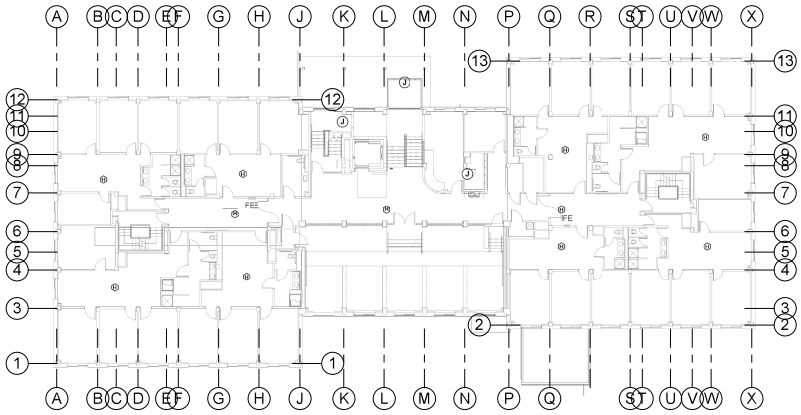


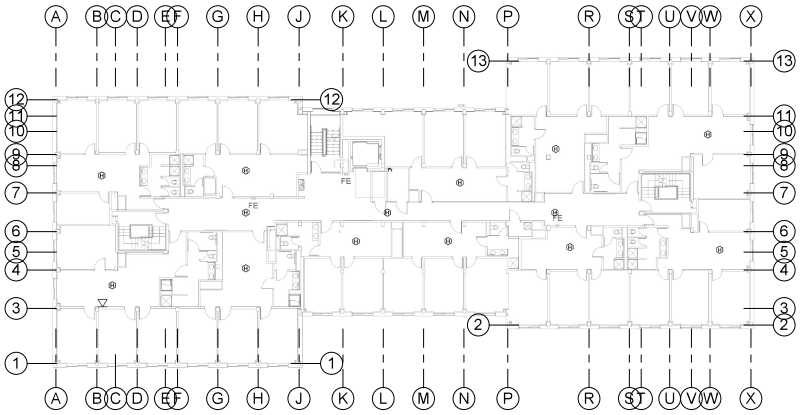
1 BASEMENT TEMPORARY HEAT DETECTOR PLAN
1/16" = 1'-0"



3 SECOND FLOOR TEMPORARY HEAT DETECTOR PLAN
1/16" = 1'-0"



2 FIRST FLOOR TEMPORARY HEAT DETECTOR PLAN
1/16" = 1'-0"



4 THIRD FLOOR TEMPORARY HEAT DETECTOR PLAN
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Consultants:

architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

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STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

TEMPORARY HEAT DETECTOR PLANS

Drawn By:	Checked By:	Date:
Author	Checker	8-29-2018

Seal & Signature

STATE OF NEW YORK · ROBERT E. DANGELMAIER · 081455 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

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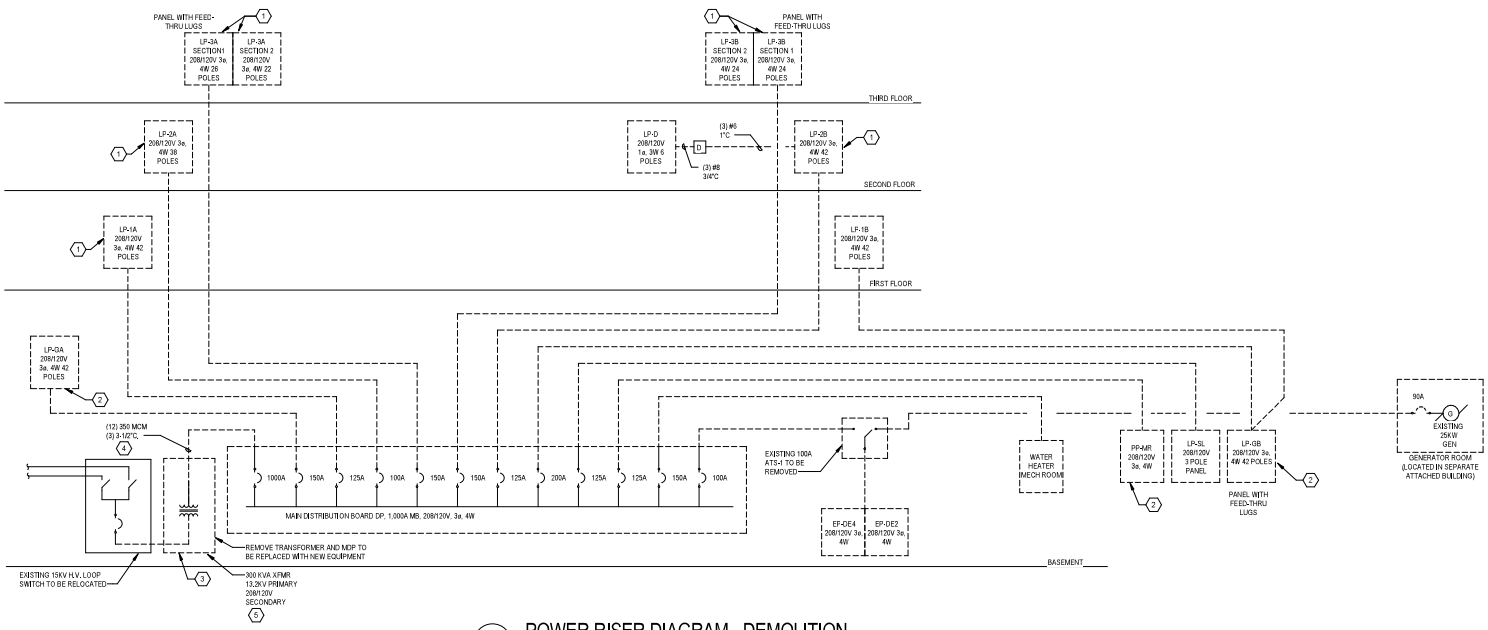

1 POWER RISER DIAGRAM - DEMOLITION

NOT TO SCALE

KEYED NOTES (#)

1. REMOVE PANEL AND ASSOCIATED WIRING BACK TO SOURCE. REMOVE VERTICAL CONDUIT AND REUSE HORIZONTAL CONDUIT.
2. REMOVE EXISTING PANEL AND ASSOCIATED WIRING BACK TO SOURCE. EXISTING CONDUIT MAY BE REUSED.
3. REMOVE EXISTING KV FEEDER CABLE FROM EXISTING SWITCH BEING RELOCATED. CAP AND PROTECT THE CABLE FOR RECONNECTION TO EXISTING SWITCH IN NEW LOCATION.
4. REMOVE EXISTING CONDUIT AND CONDUCTORS BETWEEN TRANSFORMER SECONDARY AND MDP.
5. EXISTING TRANSFORMER AFTER REMOVAL SHALL BE TURNED OVER TO THE CAMPUS IN A PREDETERMINED LOCATION. COORDINATE LOCATION WITH CAMPUS REPRESENTATIVE PRIOR TO REMOVAL.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

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DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

DEMOLITION RISER DIAGRAM

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

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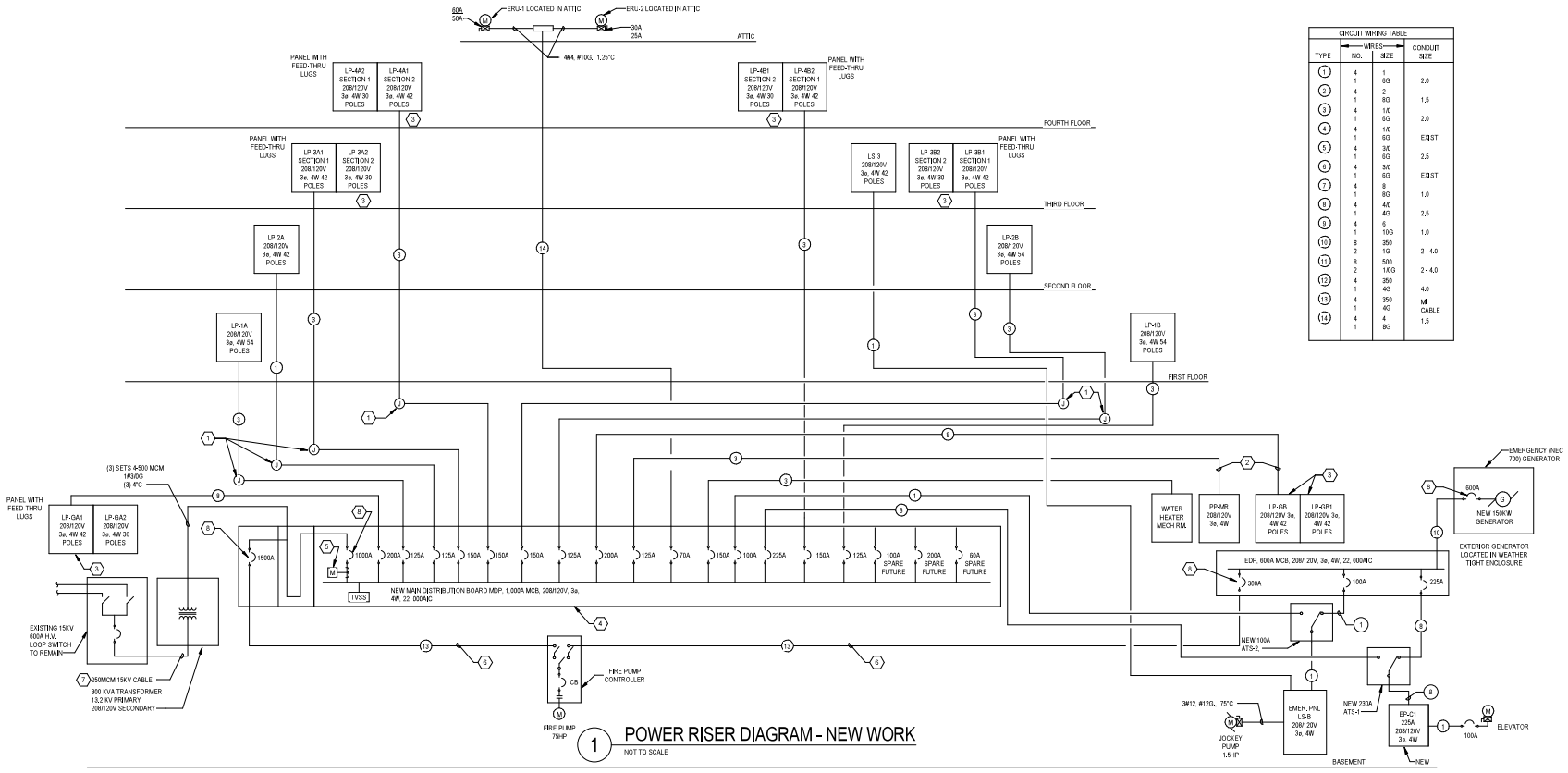

1 POWER RISER DIAGRAM - NEW WORK

NOT TO SCALE

CIRCUIT WIRING TABLE			
	WIRES		CONDUIT
TYPE	NO.	SIZE	SIZE
1	4 1	1 6G	2.0
2	4 1	2 8G	1.5
3	4 1	1/0 6G	2.0
4	4 1	1/0 6G	EXIST
5	4 1	3/0 6G	2.5
6	4 1	3/0 6G	EXIST
7	4 1	8 8G	1.0
8	4 1	4/0 4G	2.5
9	4 1	6 10G	1.0
10	8 2	350 1G	2 - 4.0
11	8 2	500 1/0G	2 - 4.0
12	4 1	250 4G	4.0
13	4 1	350 4G	M CABLE
14	4 1	4 8G	1.5

KEYED NOTES (#)

1. PROVIDE NEW JUNCTION BOX AND CONNECT TO EXISTING CONDUIT RUN. EXTEND NEW CONDUIT TO NEW PANEL LOCATION. NEW CONDUCTORS SHALL BE PROVIDED.
2. EXISTING CONDUIT SHALL BE REUSED WHERE POSSIBLE. PROVIDE NEW WIRE. CONTRACTOR TO VERIFY EXISTING CONDUIT SIZE IS APPROPRIATE FOR NEW WIRE INSTALLATION.
3. PROVIDE PANEL WITH FEED THRU LUGS.
4. PROVIDE A SIGN INDICATING TYPE AND LOCATION OF ON-SITE EMERGENCY POWER SOURCE. AS PER NEC 700.8(A).
5. METER AND ALL COMPONENTS SHALL BE PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL SUPPLY AN EMPTY CONDUIT TO THE METER LOCATION. COORDINATE METER LOCATION IN THE FIELD WITH TEMPERATURE CONTROL CONTRACTOR.
6. PROVIDE M CABLE IN ACCORDANCE WITH NEC 695.6(2).
7. PROVIDE NEW 250MCM 15KV CABLE FROM THE EXISTING LOOP SWITCH IN NEW LOCATION TO THE NEW TRANSFORMER.
8. PROVIDE ADJUSTABLE TRIP CIRCUIT BREAKER. REFER TO SPECIFICATION SECTION 262413 FOR ADJUSTABLE TRIP CIRCUIT BREAKER SETTINGS.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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Consultants:

architecture+
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

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DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

POWER RISER DIAGRAM - NEW WORK

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

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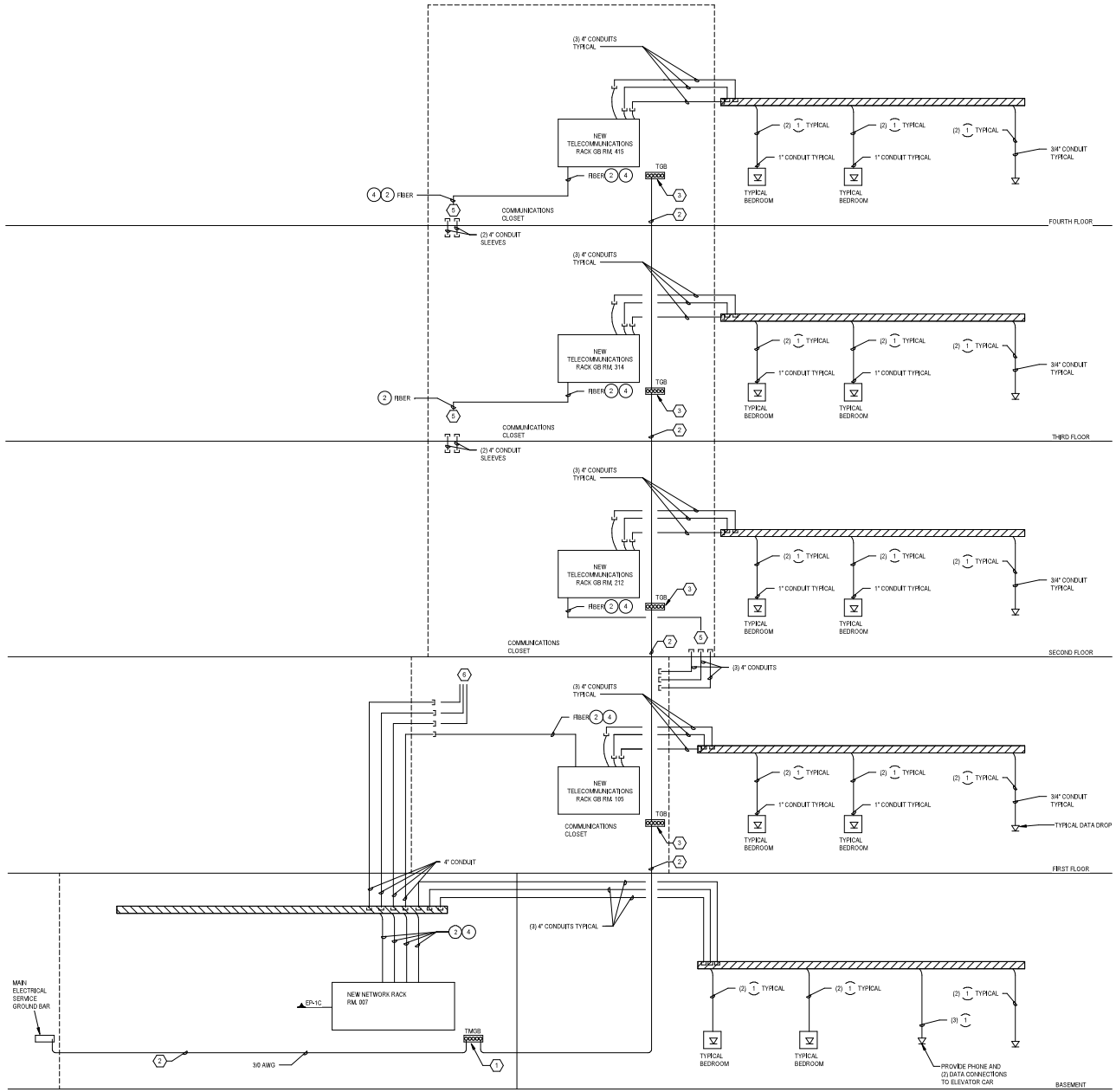

1 TELECOM RISER DIAGRAM

NOT TO SCALE

KEYED NOTES (#)

1. PROVIDE 1/4" x 4" x 20" GROUND BAR AT BASEMENT TELECOMMUNICATION ROOM UNLESS NOTED OTHERWISE. PROVIDE ERICO #EGBA OR EQUIVALENT.
2. ROUTE #3/0 BARE COPPER GROUND CONDUCTOR FROM MAIN ELECTRIC ROOM TO EACH GROUND BAR AND BOND. BOND CONDUIT TO BAR, WITH #6 AWG CONDUCTOR, TERMINATE WITH INSULATED GROUNDING BUSHINGS. BOND ALL EQUIPMENT, AND CABLE TRAY TO TGB WITH MINIMUM #6 AWG.
3. PROVIDE 1/4"X2"X12" GROUND BAR. PROVIDE ERICO #EGBA OR EQUIVALENT.
4. PROVIDE FIRE RETARDANT PLYWOOD BACKBOARDS IN EACH COMMUNICATIONS CLOSET IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR TELEPHONE PUNCHDOWN BLOCKS AND CABLE TV DISTRIBUTION EQUIPMENT. PLYWOOD NEEDS TP BE FREE OF VOIDS. REFER TO SPECIFICATIONS FOR EXACT REQUIREMENTS.
5. ROUTE CABLES INDICATED FROM BASEMENT TO EACH FLOORS DATA CLOSET USING CONDUITS AND CONDUIT SLEVES LOCATED BETWEEN FLOORS AS REQUIRED.
6. ROUTE CABLES FROM BASEMENT TO EACH DATA CLOSET AS REQUIRED.

GENERAL NOTES

1. REFER TO E400 SERIES DRAWINGS FOR DEVICE QUANTITIES AND LOCATIONS.
2. CONDUIT FILL SHALL NOT EXCEED 40% AS INDICATED BY EIA/TIA STANDARDS.
3. PROVIDE DATA OUTLETS AT ALL CONTROL PANELS, AND METERING EQUIPMENT FOR MECHANICAL, ELECTRICAL AND PLUMBING.

1. CATEGORY 6, 4 PAIR, 24 AWG, UNSHIELDED TWISTED PAIR, PVC JACKETED, PLENUM RATED.
2. 12 STRAND SINGLE MODE FIBER OPTIC CABLE.
3. NOT USED.
4. 6-CAT 6A RISER CABLES.

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

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One Penn Plaza, 52 Floor, New York, New York 10119-0098
539 Franklin Street, Buffalo, New York 14202-1109
WWW.DASNY.ORG

Consultants:

architecture+
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

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DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

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TELECOM RISER DIAGRAM

Drawn By:	Checked By:	Date:
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DASNY Project No: 341830

Drawing Number

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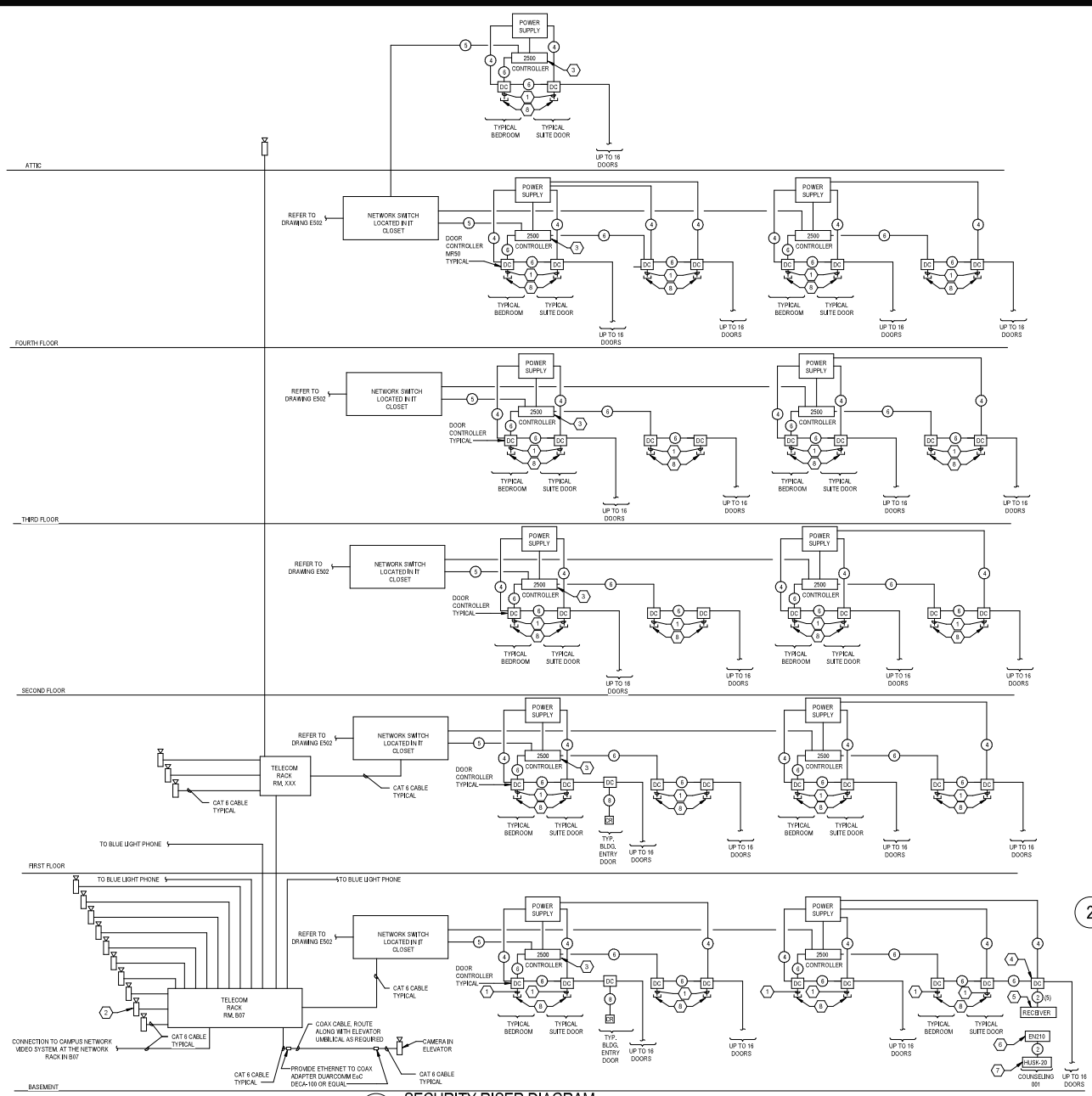
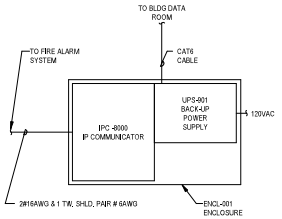


1 SECURITY RISER DIAGRAM

NOT TO SCALE



2 MASS NOTIFICATION SYSTEM RISER DIAGRAM

NOT TO SCALE

KEYED NOTES

1. PROVIDE CONDUIT STUB FROM JUNCTION BOX ABOVE DOOR TO ABOVE DOOR FRAME FOR PRE-MANUFACTURED CABLE FROM DOOR CONTROLLER TO ELECTRIFIED HINGE.
2. PROVIDE DATA OUTLET AT EACH CAMERA LOCATION, TYPICAL.
3. PROVIDE (2) CONTROLLERS PER FLOOR, 1 CONTROLLER FOR EACH WING TYPICAL.
4. PROVIDE A MR-52 DOOR CONTROLLER AS REQUIRED TO CONTROL A ZONE PANEL.
5. PROVIDE A RECEIVER PANEL WITH 4 ZONES. INOVONICS EN-4202R OR EQUAL.
6. PROVIDE A SINGLE INPUT UNIVERSAL TRANSMITTER, BOSCH EN1210 OR EQUAL
7. PROVIDE A LATCHING HOLD-UP SWITCH, AMSECO HUSK-20 OR EQUAL
8. TO ELECTRIFIED HINGE, MANUFACTURER'S CABLES PROVIDED BY DIV. 8.

LEGEND:

1. - 22-2 UNSHIELDED PLENUM
2. - 18 AWG-2
3. - 22 AWG-4 SHIELDED
4. - 14-2 UNSHIELDED LOW VOLTAGE POWER
5. - CAT 6
6. - 18 AWG-2 TWISTED SHIELDED
7. - 22-4 SHIELDED
8. - CABLE PROVIDED BY DIV. 8.

SECURITY NOTES:

REFER TO FLOOR PLANS AND DOOR HARDWARE GROUPS FOR EXACT QUANTITIES, LOCATIONS, TYPES OF DEVICES.

PROVIDE AUXILIARY POWER SUPPLIES, RELAY MODULES, CONTROL BOARDS, AND OTHER AUXILIARY COMPONENTS AS REQUIRED TO SUPPORT A FULLY FUNCTIONAL SECURITY SYSTEM.

ALL WIRING SHALL BE PER MANUFACTURES REQUIREMENTS AND SPECIFICATIONS.

ADDITIONAL POWER SUPPLIES/CONTROLLERS SHALL BE PROVIDED AS REQUIRED FOR VOLTAGE DROP IN THE SYSTEM, AT NO COST TO THE OWNER.

CONTRACTOR SHALL SUPPLY, RUN AND TEST WIRING AND CAMERA CONNECTIONS, CONTRACTOR SHALL FURNISH CAMERAS, AND PURCHASE LICENSES, THE COLLEGE SHALL INSTALL CAMERAS.

REFER TO DRAWING E600 FOR SECURITY DETAILS.

REFER TO DOOR HARDWARE SPECIFICATION FOR ELECTRIC DOOR HARDWARE COMPONENTS OF SYSTEM AND DOOR OPERATION PROTOCOLS.

PROVIDE REQUEST TO EXIT DEVICE AT ALL SUITE DOORS, LAUNDRY, COMPUTER LOUNGE, RD APARTMENT, GUEST APARTMENT, RD OFFICE, RA OFFICE, HALL GOVERNMENT ROOM DOORS. REFER TO SECURITY SPECIFICATIONS FOR ADDITIONAL INFORMATION.

PROXIMITY READERS SHALL BE PLACED AT ALL BUILDING ENTRANCES, SUITE ENTRANCES, COMPUTER, MAINTENANCE, LAUNDRY, RA OFFICE, MAIL RD OFFICE HALL GOVERNMENT, RD SUITE GUEST SUITE, LOUNGE, KITCHEN, AND ALL SUITE BEDROOM DOORS.

COORDINATE WIRING WITH CAMPUS TELECOMMUNICATIONS CARD ACCESS STAFF.

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architecture+
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK
12561-2443

Phase

BID DOCUMENTS

SECURITY RISER DIAGRAM

Drawn By:	Checked By:	Date:
Author	Checker	8-29-2018

Seal & Signature

DASNY Project No: 341830

Drawing Number

E504

Scale: 12" = 1'-0"

Central File: R:\Projects\7841 - SUNY New Paltz - Deyo Hall_CAD\Electrical\Models\E341830_Central R2017.rvt
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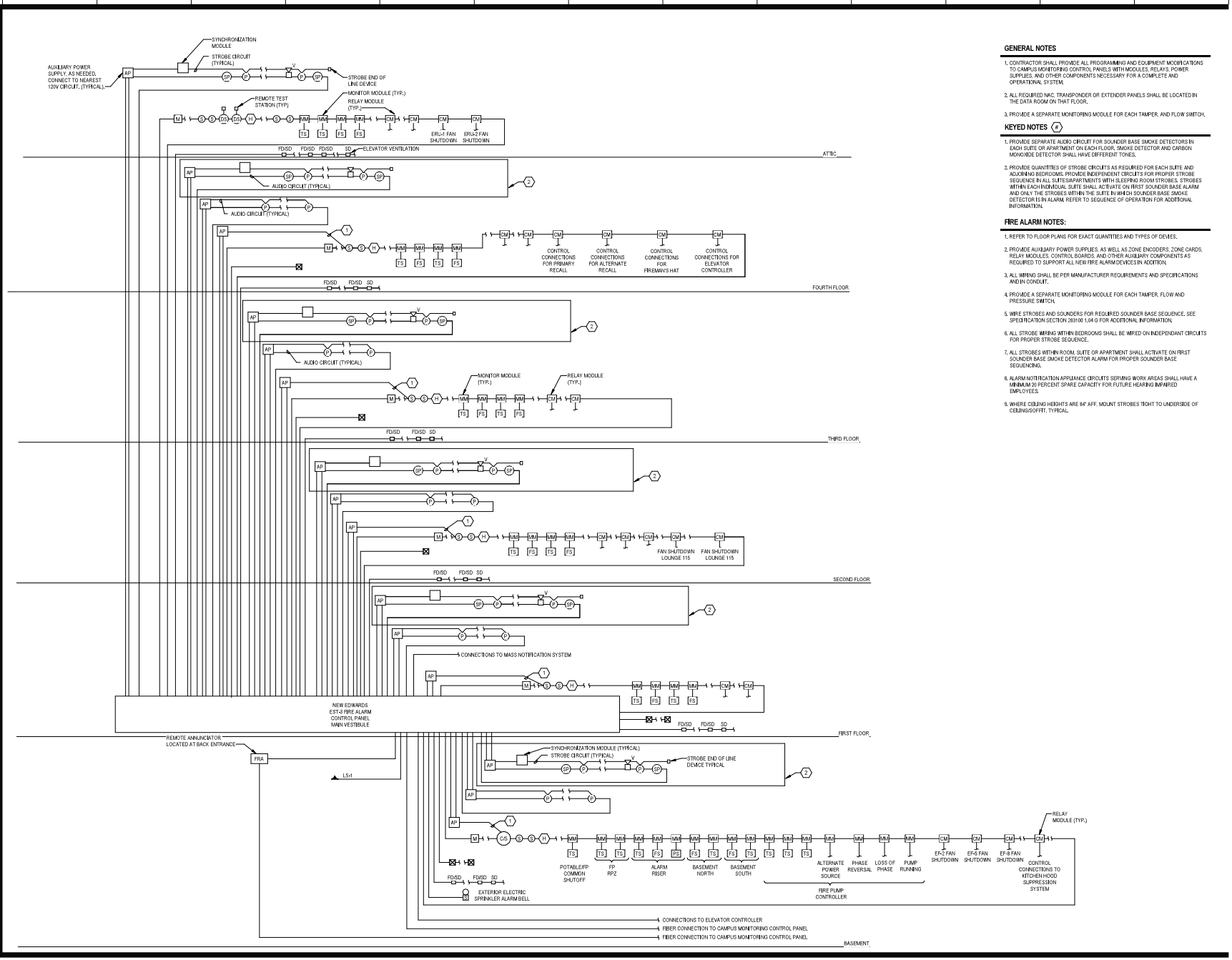

GENERAL NOTES

1. CONTRACTOR SHALL PROVIDE ALL PROGRAMMING AND EQUIPMENT MODIFICATIONS TO CAMPUS MONITORING CONTROL PANELS WITH MODULES, RELAYS, POWER SUPPLIES, AND OTHER COMPONENTS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.
2. ALL REQUIRED NAC, TRANSPONDER OR EXTENDER PANELS SHALL BE LOCATED IN THE DATA ROOM ON THAT FLOOR.
3. PROVIDE A SEPARATE MONITORING MODULE FOR EACH TAMPER, AND FLOW SWITCH.

KEYED NOTES

1. PROVIDE SEPARATE AUDIO CIRCUIT FOR SOUNDER BASE SMOKE DETECTORS IN EACH SUITE OR APARTMENT ON EACH FLOOR. SMOKE DETECTOR AND CARBON MONOXIDE DETECTOR SHALL HAVE DIFFERENT TONES.
2. PROVIDE QUANTITIES OF STROBE CIRCUITS AS REQUIRED FOR EACH SUITE AND ADJOINING BEDROOMS. PROVIDE INDEPENDENT CIRCUITS FOR PROPER STROBE SEQUENCE IN ALL SUITES/APARTMENTS WITH SLEEPING ROOM STROBES. STROBES WITHIN EACH INDIVIDUAL SUITE SHALL ACTIVATE ON FIRST SOUNDER BASE ALARM AND ONLY THE STROBES WITHIN THE SUITE IN WHICH SOUNDER BASE SMOKE DETECTOR IS IN ALARM. REFER TO SEQUENCE OF OPERATION FOR ADDITIONAL INFORMATION.

FIRE ALARM NOTES:

1. REFER TO FLOOR PLANS FOR EXACT QUANTITIES AND TYPES OF DEVIES.
2. PROVIDE AUXILIARY POWER SUPPLIES, AS WELL AS ZONE ENCODERS, ZONE CARDS, RELAY MODULES, CONTROL BOARDS, AND OTHER AUXILIARY COMPONENTS AS REQUIRED TO SUPPORT ALL NEW FIRE ALARM DEVICES IN ADDITION.
3. ALL WIRING SHALL BE PER MANUFACTURER REQUIREMENTS AND SPECIFICATIONS AND IN CONDUIT.
4. PROVIDE A SEPARATE MONITORING MODULE FOR EACH TAMPER, FLOW AND PRESSURE SWITCH.
5. WIRE STROBES AND SOUNDERS FOR REQUIRED SOUNDER BASE SEQUENCE. SEE SPECIFICATION SECTION 283100 1.04 G FOR ADDITIONAL INFORMATION.
6. ALL STROBE WIRING WITHIN BEDROOMS SHALL BE WIRED ON INDEPENDANT CIRCUITS FOR PROPER STROBE SEQUENCE.
7. ALL STROBES WITHIN ROOM, SUITE OR APARTMENT SHALL ACTIVATE ON FIRST SOUNDER BASE SMOKE DETECTOR ALARM FOR PROPER SOUNDER BASE SEQUENCING.
8. ALARM NOTIFICATION APPLIANCE CIRCUITS SERVING WORK AREAS SHALL HAVE A MINIMUM 20 PERCENT SPARE CAPACITY FOR FUTURE HEARING IMPAIRED EMPLOYEES.
9. WHERE CEILING HEIGHTS ARE 84" AFF. MOUNT STROBES TIGHT TO UNDERSIDE OF CEILING/SOFFIT, TYPICAL.

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WWW.DASNY.ORG

Consultants:
architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

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Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

FIRE ALARM RISER DIAGRAM

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Author	Checker	8-29-2018

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DASNY Project No: 341830

Drawing Number

E505

Scale: 12" = 1'-0"

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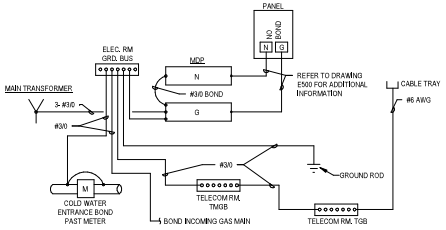
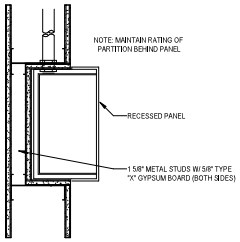
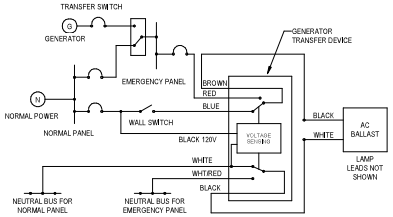


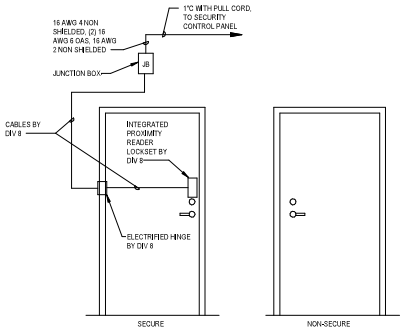
4 ELECTRICAL GROUNDING DETAIL
NOT TO SCALE



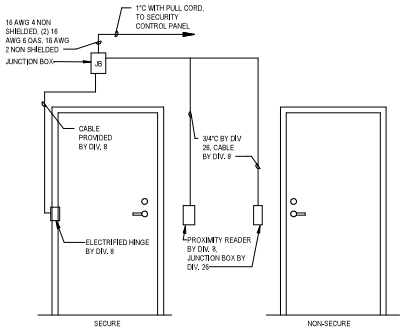
9 FLUSH IN FIRE RATED WALL BOX DETAIL
NOT TO SCALE



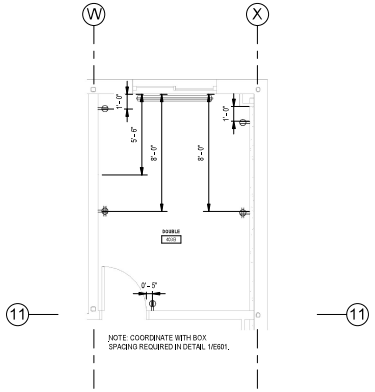
3 EMERGENCY LIGHTING WIRING DIAGRAM
NOT TO SCALE



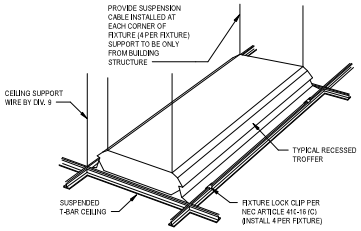
7 CARD IN, CARD OUT DOOR TYPE E1 DETAIL
NOT TO SCALE



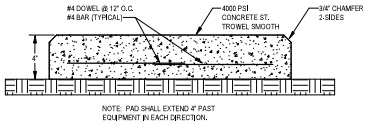
8 EXTERIOR DOOR CARD ACCESS DETAIL
NOT TO SCALE



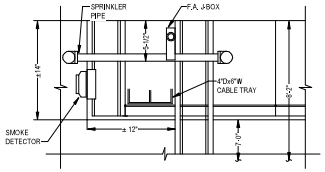
11 TYPICAL BEDROOM UTILITY DETAIL
NOT TO SCALE



2 FIXTURE SUSPENSION DETAIL
NOT TO SCALE

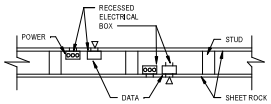


6 CONCRETE PAD DETAIL
NOT TO SCALE

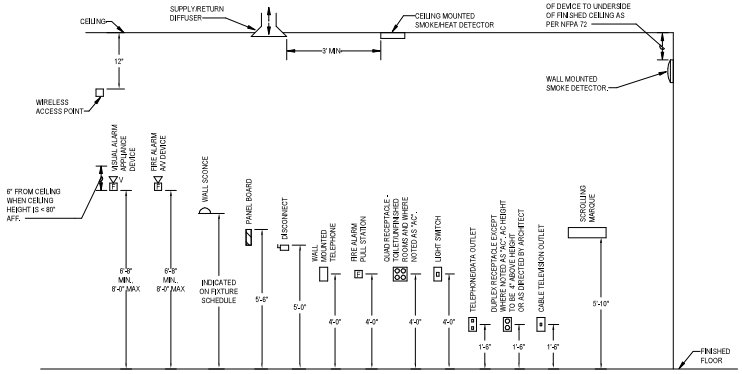


NOTE:
1. REFER TO ARCHITECTURAL DRAWINGS FOR ACCESS DOOR LOCATIONS TO ACCESS CABLE TRAY.
2. CONCRETE SLAB MAY HAVE UP TO 2" OF SAG. ADJUST/MODIFY CABLE TRAY FOR LOWERED FIRE PROTECTION PIPING.

5 SOFFIT DETAIL
NOT TO SCALE



1 ELECTRICAL BOX SPACING DETAIL
NOT TO SCALE



10 TYPICAL DEVICE MOUNTING ELEVATIONS
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WWW.DASNY.ORG

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architecture
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297 RIVER STREET
TROY, NY 12180

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1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase
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DETAILS

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature
STATE OF NEW YORK
JOHN L. MARCHESE
081455
LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830
Drawing Number
E601
Scale: As indicated

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PANEL ER-1C SCHEDULE				208/120 3ϕ 4W, SURFACE NEMA 1 225A MCB, 1-84 POS SECTION 22,000 AIC			
1	-	20/1	RECEPT, RM, 007	2	-	20/1	DOOR POWER BASEMENT
3	-	20/1	RECEPT, RM, 007	4	-		
5	-	20/1	RECEPT, RM, 007	6	-	50/3	P2
7	-	20/1	RECEPT, RM, 009	8	-		
9	-			10	-	20/1	SUMP PUMP
11	-	50/3	P1	12	-	20/1	RECEPT, RM 212
13	-			14	-	20/1	RECEPT, RM 212
15	-	20/1	RECEPT, RM 105	16	-	20/1	SECURITY POWER SECOND FLOOR
17	-	20/1	RECEPT, RM 105	18	-	20/1	SECURITY POWER THIRD FLOOR
19	-	20/1	SPARE	20	-	20/1	RECEPT, R, 314
21	-	20/1	DOOR POWER FIRST FLOOR	22	-	20/1	RECEPT, R, 314
23	-	20/1	SECURITY POWER FIRST FLOOR	24	-	20/1	SECURITY POWER FOURTH FLOOR
25	-	20/1	LIFT POWER	26	-	20/1	RECEPT, RM, 415
27	-	20/1	TCP PANELS	28	-	20/1	RECEPT, RM, 415
29	-	20/1	TCP PANELS	30	-	20/1	RECEPT ROOM 108
31	-			32	-	20/1	RECEPT ROOM 107
33	-	100A	ELEVATOR (20HP)	34	-	20/1	RECEPT ENTRY 100A
35	-			36	-	20/1	EXISTING SITE LIGHTING
37	-	20/1	EXISTING SITE LIGHTING	38	-	20/1	EXISTING SITE LIGHTING
39	-	20/1	EXISTING SITE LIGHTING	40	-	20/1	EXISTING SITE LIGHTING
41	-	20/1	EXISTING SITE LIGHTING	42	-	20/1	EXISTING SITE LIGHTING
43	-	20/1	EXISTING SITE LIGHTING	44	-		
45	-	20/1	EXISTING SITE LIGHTING	46	-	100/3	EXISTING SEWER PUMP
47	-	20/1	EXISTING SITE LIGHTING	48	-		
49	-	20/1	EXISTING SITE LIGHTING	50	-	20/1	TCP- BASEMENT
51	-	20/1	EXISTING SITE LIGHTING	52	-	20/1	TCP- ATTIC
53	-	20/1	EXISTING SITE LIGHTING	54	-	20/1	SPARE
55	-	20/1	SPARE	56	-	20/1	SPARE
57	-	20/1	SPARE	58	-	20/1	SPARE
59	-	20/1	SPARE	60	-	20/1	SPARE
61	-	20/1	SPARE	62	-	20/1	SPARE
63	-	20/1	SPARE	64	-	20/1	SPARE

PANEL LR-1A SCHEDULE				208/120 3ϕ 4W, SURFACE NEMA 1 125A MCB, 1-54 POS SECTION 22,000 AIC			
1	-	20/1	LIGHTING CORRIDOR 1ST FLOOR	2	-	20/1	RECEPT RM 113
3	-	20/1	LIGHTING EXTERIOR	4	-	20/1	RECEPT RM 113A
5	-	20/1	LIGHTING SUITE 111	6	-	20/1	RECEPT RM 113B
7	-	20/1	LIGHTING SUITE 112	8	-	20/1	RECEPT RM 113C
9	-	20/1	LIGHTING SUITE 113	10	-	20/1	RECEPT RM 113D
11	-	20/1	LIGHTING SUITE 114	12	-	20/1	RECEPT RM 113E
13	-	20/1	RECEPT RM 111	14	-	20/1	RECEPT RM 114
15	-	20/1	RECEPT RM 111A	16	-	20/1	RECEPT RM 114A
17	-	20/1	RECEPT RM 111B	18	-	20/1	RECEPT RM 114B
19	-	20/1	RECEPT RM 111C	20	-	20/1	RECEPT RM 114C
21	-	20/1	RECEPT RM 111D	22	-	20/1	RECEPT RM 114D
23	-	20/1	RECEPT RM 112	24	-	20/1	RECEPT RM 115
25	-	20/1	RECEPT RM 112D	26	-	20/1	RECEPT RM 115
27	-	20/1	RECEPT RM 112C	28	-	20/1	SPARE
29	-	20/1	RECEPT RM 112B	30	-	20/1	SPARE
31	-	20/1	RECEPT RM 112A	32	-	20/1	SPARE
33	-	20/1	RECEPT RM 112E	34	-	20/1	SPARE
35	-	20/1	HAND DRYER RM 110	36	-	20/1	SPARE
37	-	20/1	RECEPTS HC TOILET 110	38	-	20/1	SPARE
39	-	20/1	RECEPT CORR 100A,B,D	40	-	20/1	SPARE
41	-	20/1	CH3 STAIR S3-1, ENTRY 100A	42	-	20/1	SPARE
43	-	20/1	SPARE	44	-	20/1	SPARE
45	-	-	SPACE AND BUSSING	46	-	-	SPACE AND BUSSING
47	-	-	SPACE AND BUSSING	48	-	-	SPACE AND BUSSING
49	-	-	SPACE AND BUSSING	50	-	-	SPACE AND BUSSING
51	-	-	SPACE AND BUSSING	52	-	-	SPACE AND BUSSING
53	-	-	SPACE AND BUSSING	54	-	-	SPACE AND BUSSING

PANEL LR-3B2 SCHEDULE				208/120 3ϕ 4W, SURFACE NEMA 1 150A MCB, 1-86 POS SECTION 22,000 AIC			
1	-	20/1	RECEPT, RM 313,314	2	-	20/1	SPARE
3	-	20/1	SPARE	4	-	20/1	SPARE
5	-	20/1	SPARE	6	-	20/1	SPARE
7	-	20/1	SPARE	8	-	20/1	SPARE
9	-	20/1	SPARE	10	-	20/1	SPARE
11	-	20/1	SPARE	12	-	20/1	SPARE
13	-	20/1	SPARE	14	-	20/1	SPARE
15	-	20/1	SPARE	16	-	20/1	SPARE
17	-	20/1	SPARE	18	-	20/1	SPARE
19	-	-	SPACE AND BUSSING	20	-	-	SPACE AND BUSSING
21	-	-	SPACE AND BUSSING	22	-	-	SPACE AND BUSSING
23	-	-	SPACE AND BUSSING	24	-	-	SPACE AND BUSSING
25	-	-	SPACE AND BUSSING	26	-	-	SPACE AND BUSSING
27	-	-	SPACE AND BUSSING	28	-	-	SPACE AND BUSSING
29	-	-	SPACE AND BUSSING	30	-	-	SPACE AND BUSSING

PANEL LP-2A SCHEDULE				208/120 3ϕ 4W, SURFACE NEMA 1 125A MCB, 1-42 POS SECTION 22,000 AIC			
1	-	20/1	LIGHTING CORR 200A, 200B, 200C	2	-	20/1	RECEPT, RM 208
3	-	20/1	LIGHTING RMS 206, 206A-D	4	-	20/1	RECEPT, RM 208A
5	-	20/1	LIGHTING RMS 207, 207A-E	6	-	20/1	RECEPT, RM 208B
7	-	20/1	LIGHTING RMS 208, 208A-D, 208F	8	-	20/1	RECEPT, RM 208C
9	-	20/1	LIGHTING RMS 209, 209A-D	10	-	20/1	RECEPT, RM 208D
11	-	20/1	WATER COOLER	12	-	20/1	RECEPT, RM 208E
13	-	20/1	RECEPT, RM 206	14	-	20/1	RECEPT, RM 209
15	-	20/1	RECEPT, RM 206C	16	-	20/1	RECEPT, RM 209A
17	-	20/1	RECEPT, RM 206B	18	-	20/1	RECEPT, RM 209B
19	-	20/1	RECEPT, RM 206A	20	-	20/1	RECEPT, RM 209C
21	-	20/1	RECEPT, RM 206D	22	-	20/1	RECEPT, RM 209D
23	-	20/1	RECEPT, RM 207	24	-	20/1	SPARE
25	-	20/1	RECEPT, RM 207D	26	-	20/1	SPARE
27	-	20/1	RECEPT, RM 207C	28	-	20/1	SPARE
29	-	20/1	RECEPT, RM 207B	30	-	20/1	SPARE
31	-	20/1	RECEPT, RM 207A	32	-	20/1	SPARE
33	-	20/1	RECEPT, RM 207E	34	-	20/1	SPARE
35	-	20/1	RECEPT, CORR, 200A,200C	36	-	20/1	SPARE
37	-	20/1	SPARE	38	-	20/1	SPARE
39	-	20/1	SPARE	40	-	20/1	SPARE
41		20/1	SPARE	42	-	20/1	SPARE

PANEL LP-2B SCHEDULE				208/120 3ϕ 4W, SURFACE NEMA 1 125A MCB, 1-54 POS SECTION 22,000 AIC			
1	-	20/1	LTG LOUNGE 115	2	-	20/1	FAN RM 115
3	-	20/1	LTG RM 205, 205A-D	4	-	20/1	FAN RM 115
5	-	20/1	LTG RM 204, 204A-D	6	-	20/1	RECEPT, RM 201
7	-	20/1	LTG RM 203, 203A-E	8	-	20/1	RECEPT, RM 201A
9	-	20/1	LTG RM 202, 202A-E	10	-	20/1	RECEPT, RM 201B
11	-	20/1	LTG RM 201, 201A-D	12	-	20/1	RECEPT, RM 201C
13	-	20/1	RECEPT, RM 211, 212	14	-	20/1	RECEPT, RM 201D
15	-	20/1	RECEPT, RM 205	16	-	20/1	RECEPT, RM 202
17	-	20/1	RECEPT, RM 205A	18	-	20/1	RECEPT, RM 202A
19	-	20/1	RECEPT, RM 205B	20	-	20/1	RECEPT, RM 202B
21	-	20/1	RECEPT, RM 205C	22	-	20/1	RECEPT, RM 202C
23	-	20/1	RECEPT, RM 205D	24	-	20/1	RECEPT, RM 20D
25	-	20/1	RECEPT, RM 204	26	-	20/1	RECEPT, RM 20E
27	-	20/1	RECEPT, RM 204D	28	-	20/1	RECEPT, CORR, 200B, RM 210
29	-	20/1	RECEPT, RM 204A	30	-	20/1	RECEPT, RM 203A
31	-	20/1	RECEPT, RM 204B	32	-	20/1	RECEPT, RM 203
33	-	20/1	RECEPT, RM 204C	34	-	20/1	SPARE
35	-	20/1	RECEPT, RM 203E	36	-	20/1	SPARE
37	-	20/1	RECEPT, RM 203D	38	-	20/1	SPARE
39	-	20/1	RECEPT, RM 203C	40	-	20/1	SPARE
41	-	20/1	RECEPT, RM 203B	42	-	20/1	SPARE
43	-	20/1	SPARE	44	-	20/1	SPARE
45	-	20/1	SPARE	46	-	20/1	SPARE
47	-	20/1	SPARE	48	-	20/1	SPARE
49	-	20/1	SPARE	50	-	20/1	SPARE
51	-	20/1	SPARE	52	-	20/1	SPARE
53	-	20/1	SPARE	54	-	20/1	SPARE

PANEL LP-3A1 SCHEDULE				208/120 3ϕ 4W, SURFACE NEMA 1 150A MCB, 1-42 POS SECTION WITH FEED-THRU LUGS, 22,000 AIC			
1	-	20/1	LIGHTING CORR 300A	2	-	20/1	RECEPT, RM 308
3	-	20/1	LIGHTING SUITE 306	4	-	20/1	RECEPT, RM 308A
5	-	20/1	LIGHTING SUITE 307	6	-	20/1	RECEPT, RM 308B
7	-	20/1	LIGHTING SUITE 308	8	-	20/1	RECEPT, RM 308C
9	-	20/1	LIGHTING SUITE 309	10	-	20/1	RECEPT, RM 308D
11	-	20/1	LIGHTING SUITE 310	12	-	20/1	RECEPT, RM 308E
13	-	20/1	LIGHTING SUITE 311	14	-	20/1	RECEPT, RM 309
15	-	20/1	RECEPT, RM 306	16	-	20/1	RECEPT, RM 309A
17	-	20/1	RECEPT, RM 306C	18	-	20/1	RECEPT, RM 309B
19	-	20/1	RECEPT, RM 306B	20	-	20/1	RECEPT, RM 309C
21	-	20/1	RECEPT, RM 306A	22	-	20/1	RECEPT, RM 309D
23	-	20/1	RECEPT, RM 306D	24	-	20/1	RECEPT, RM 310
25	-	20/1	RECEPT, RM 307	26	-	20/1	RECEPT, RM 310A
27	-	20/1	RECEPT, RM 307A	28	-	20/1	RECEPT, RM 310B
29	-	20/1	RECEPT, RM 307B	30	-	20/1	RECEPT, RM 310C
31	-	20/1	RECEPT, RM 307C	32	-	20/1	SPARE
33	-	20/1	RECEPT, RM 307D	34	-	20/1	SPARE
35	-	20/1	RECEPT, RM 307E	36	-	20/1	SPARE
37	-	20/1	WATER COOLER	38	-	20/1	SPARE
39	-	20/1	RECEPT, CORR, 300A, 300C	40	-	20/1	SPARE
41		20/1	SPARE	42	-	20/1	SPARE

PANEL LP-3A2 SCHEDULE				208/120 3ϕ 4W, SURFACE NEMA 1 150A MCB, 1-30 POS SECTION 22,000 AIC			
1	-	20/1	SPARE	2	-	20/1	SPARE
3	-	20/1	SPARE	4	-	20/1	SPARE
5	-	20/1	SPARE	6	-	20/1	SPARE
7	-	20/1	SPARE	8	-	20/1	SPARE
9	-	20/1	SPARE	10	-	20/1	SPARE
11	-	20/1	SPARE	12	-	20/1	SPARE
13	-	20/1	SPARE	14	-	20/1	SPARE
15	-	-	SPACE AND BUSSING	16	-	-	SPACE AND BUSSING
17	-	-	SPACE AND BUSSING	18	-	-	SPACE AND BUSSING
19	-	-	SPACE AND BUSSING	20	-	-	SPACE AND BUSSING
21	-	-	SPACE AND BUSSING	22	-	-	SPACE AND BUSSING
23	-	-	SPACE AND BUSSING	24	-	-	SPACE AND BUSSING
25	-	-	SPACE AND BUSSING	26	-	-	SPACE AND BUSSING
27	-	-	SPACE AND BUSSING	28	-	-	SPACE AND BUSSING
29	-	-	SPACE AND BUSSING	30	-	-	SPACE AND BUSSING

PANEL LR-3B1 SCHEDULE				208/120 3ϕ 4W, SURFACE NEMA 1 150A MCB, 1-42 POS SECTION WITH FEED-THRU LUGS, 22,000 AIC			
1	-	20/1	LTG, SUITE 305	2	-	20/1	RECEPT, RM 311
3	-	20/1	LTG, SUITE 304	4	-	20/1	RECEPT, RM 311A
5	-	20/1	LTG, SUITE 303	6	-	20/1	RECEPT, RM 311B
7	-	20/1	LTG, SUITE 302	8	-	20/1	RECEPT, RM 311C
9	-	20/1	LTG, SUITE 301	10	-	20/1	RECEPT, RM 311D
11	-	20/1	RECEPT, RM 305	12	-	20/1	RECEPT, RM 301
13	-	20/1	RECEPT, RM 305A	14	-	20/1	RECEPT, RM 301A
15	-	20/1	RECEPT, RM 305B	16	-	20/1	RECEPT, RM 301B
17	-	20/1	RECEPT, RM 305C	18	-	20/1	RECEPT, RM 301C
19	-	20/1	RECEPT, RM 305D	20	-	20/1	RECEPT, RM 301D
21	-	20/1	RECEPT, RM 304	22	-	20/1	RECEPT, RM 302
23	-	20/1	RECEPT, RM 304D	24	-	20/1	RECEPT, RM 302E
25	-	20/1	RECEPT, RM 304A	26	-	20/1	RECEPT, RM 302D
27	-	20/1	RECEPT, RM 304B	28	-	20/1	RECEPT, RM 302C
29	-	20/1	RECEPT, RM 304C	30	-	20/1	RECEPT, RM 302B
31	-	20/1	RECEPT, RM 303	32	-	20/1	RECEPT, RM 302A
33	-	20/1	RECEPT, RM 303A	34	-	20/1	SPARE
35	-	20/1	RECEPT, RM 303B	36	-	20/1	SPARE
37	-	20/1	RECEPT, RM 303C	38	-	20/1	SPARE
39	-	20/1	RECEPT, RM 303D	40	-	20/1	SPARE
41		20/1	RECEPT, RM 303E	42	-	20/1	SPARE

PANEL LP-1B SCHEDULE				208/120 3ϕ 4W, SURFACE NEMA 1 125A MAIN LUG, 1-54 POS SECTION 22,000 AIC			
1	-	20/1	LIGHTING RMS 105-109	2	-	20/1	RECEPTS RM 101
3	-	20/1	LIGHTING SUITE 104	4	-	20/1	RECEPTS RM 101A
5	-	20/1	LIGHTING SUITE 103	6	-	20/1	RECEPTS RM 101B
7	-	20/1	LIGHTING SUITE 102	8	-	20/1	RECEPTS RM 101C
9	-	20/1	LIGHTING SUITE 101	10	-	20/1	RECEPTS RM 101D
11	-	20/1	SPARE	12	-	20/1	RECEPTS RM 102
13	-	20/1	RECEPTS RM 108, 109	14	-	20/1	RECEPTS RM 102A
15	-	20/1	SPARE	16	-	20/1	RECEPTS RM 102B
17	-	20/1	RECEPTS CORR 100B, 100E	18	-	20/1	RECEPTS RM 102C
19	-	20/1	RECEPTS RM 104	20	-	20/1	RECEPTS RM 102D
21	-	20/1	RECEPTS RM 104A	22	-	20/1	RECEPTS RM 102E
23	-	20/1	RECEPTS RM 104B	24	-	20/1	WATER COOLER FIRST FLOOR
25	-	20/1	RECEPTS RM 104AC	26	-	20/1	SPARE
27	-	20/1	RECEPTS RM 104D	28	-	20/1	SPARE
29	-	20/1	RECEPTS RM 103	30	-	20/1	SPARE
31	-	20/1	RECEPTS RM 103A	32	-	20/1	SPARE
33	-	20/1	RECEPTS RM 103B	34	-	20/1	SPARE
35	-	20/1	RECEPTS RM 103C	36	-	20/1	SPARE
37	-	20/1	RECEPTS RM 103D	38	-	20/1	SPARE
39	-	20/1	RECEPTS RM 103E	40	-	20/1	SPARE
41	-	20/1	RECEPTS RM 105, 106	42	-	20/1	SPARE
43	-	20/1	SPARE	44	-	20/1	SPARE
45	-	20/1	SPARE	46	-	20/1	SPARE
47	-	20/1	SPARE	48	-	20/1	SPARE
49	-	20/1	SPARE	50	-	20/1	SPARE
51	-	20/1	SPARE	52	-	20/1	SPARE
53	-	20/1	SPARE	54	-	20/1	SPARE

DASNY
DORMITORY AUTHORITY STATE OF NEW YORK
515 Broadway, Albany, New York 12207-2964
One Penn Plaza, 52 Floor, New York, New York 10119-0098
539 Franklin Street, Buffalo, New York 14202-1109
WWW.DASNY.ORG

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Consultants:

architecture+
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

PANEL SCHEDULES

Drawn By:	Checked By:	Date:
MLS	JLM	8-29-2018

Seal & Signature

STATE OF NEW YORK · JOHN L. MARCHESANO · 081455 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number

E701

Scale: 12" = 1'-0"

Central File: R:\Projects\7841 - SUNY New Paltz - Deyo Hall_CAD\Electrical\Models\E341830_Central R2017.rvt
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PANEL LP-4A1 SCHEDULE				208/120 3ϕ 4W, SURFACE NEMA 1 150A MCB, 1-42 POS SECTION WITH FEED-THRU LUGS, 22,000 AIC			
1	-	20/1	LTG. CORR FOURTH FLOOR	2	-	20/1	RECEPT. RM 408
3	-	20/1	LTG SUITE 406	4	-	20/1	RECEPT, RM 408A
5	-	20/1	LTG SUITE 407	6	-	20/1	RECEPT, RM 408B
7	-	20/1	LTG SUITE 408	8	-	20/1	RECEPT, RM 408C
9	-	20/1	LTG SUITE 409	10	-	20/1	RECEPT, RM 408D
11	-	20/1	LTG SUITE 410	12	-	20/1	RECEPT, RM 408E
13	-	20/1	LTG SUITE 411	14	-	20/1	RECEPT, RM 409
15	-	20/1	RECEPT, RM 406	16	-	20/1	RECEPT, RM 409A
17	-	20/1	RECEPT, RM 406C	18	-	20/1	RECEPT, RM 409B
19	-	20/1	RECEPT, RM 406B	20	-	20/1	RECEPT, RM 409C
21	-	20/1	RECEPT, RM 406A	22	-	20/1	RECEPT, RM 409D
23	-	20/1	RECEPT, RM 406D	24	-	20/1	RECEPT, RM 410
25	-	20/1	RECEPT, RM 407	26	-	20/1	RECEPT, RM 410A
27	-	20/1	RECEPT, RM 407A	28	-	20/1	RECEPT, RM 410B
29	-	20/1	RECEPT, RM 407B	30	-	20/1	RECEPT, RM 410C
31	-	20/1	RECEPT, RM 407C	32	-	20/1	RECEPT, RM 501
33	-	20/1	RECEPT, RM 407D	34	-	20/1	RECEPT, ATTIC
35	-	20/1	RECEPT, RM 407E	36	-	20/1	RECEPT, ATTIC
37	-	20/1	WATER COOLER	38	-	20/1	UH2 ATTIC
39	-	20/1	RECEPT. CORR. 400A, 400C	40	-	20/1	P5 RM 501
41		20/1	RECEPT, RM 416	42	-	20/1	SPARE

PANEL LP-4B2 SCHEDULE				208/120 3ϕ 4W, SURFACE NEMA 1 150A MCB, 1-30 POS SECTION 22,000 AIC			
1	-	20/1	RECEPT. RM 403D	2	-	20/1	UH2 RM 501
3	-	20/1	RECEPT, RM 403E	4	-	20/1	SPARE
5	-	20/1	RECEPT, RM. 414, 415	6	-	20/1	SPARE
7	-	20/1	SPARE	8	-	20/1	SPARE
9	-	20/1	SPARE	10	-	20/1	SPARE
11	-	20/1	SPARE	12	-	20/1	SPARE
13	-	20/1	SPARE	14	-	20/1	SPARE
15	-	20/1	SPARE	16	-	20/1	SPARE
17	-	20/1	SPARE	18	-	20/1	SPARE
19	-	-	SPACE AND BUSSING	20	-	-	SPACE AND BUSSING
21	-	-	SPACE AND BUSSING	22	-	-	SPACE AND BUSSING
23	-	-	SPACE AND BUSSING	24	-	-	SPACE AND BUSSING
25	-	-	SPACE AND BUSSING	26	-	-	SPACE AND BUSSING
27	-	-	SPACE AND BUSSING	28	-	-	SPACE AND BUSSING
29	-	-	SPACE AND BUSSING	30	-	-	SPACE AND BUSSING

PANEL LP-GB SCHEDULE				208/120 3ϕ 4W, SURFACE NEMA 1 200A MCB, 1-42 POS SECTION WITH FEED-THRU LUGS 22,000 AIC			
1	-	20/1	LTG. RMS. 001,001A, 002, 003, 004, 004A	2	-	20/1	RECEPT. RM 019
3	-	20/1	LTG. RM. 019	4	-	20/1	RECEPT. RM 019
5	-	20/1	LTG. RMS. 005,005A,005B,006-011,013,018	6	-	20/1	RECEPT. KITCHEN
7	-	20/1	RECEPT, RM 009	8	-	20/1	RECEPT. KITCHEN
9	-	20/1	RECEPT, RM 008	10	-	50/2	RANGE RM 019
11	-	20/1	RECEPT, RM 006	12	-		
13	-	20/1	RECEPT, RM 005	14	-	20/1	RANGE HOOD RM 019
15	-	20/1	RECEPT, RM 005	16	-	20/1	RECEPT. RM. 024
17	-	20/1	RECEPT, RM 005A, 005B, 021B, 021C	18	-	20/1	RECEPT. RM. 001
19	-	20/1	RECEPT, RM 010	20	-	20/1	RECEPT. RM. 002
21	-	20/1	RECEPT, RM 010	22	-	20/1	RECEPT. RM. 003
23	-	20/1	RECEPT, RM 010	24	-	20/1	RECEPT. RM. 001A
25	-	20/1	WATER COOLER	26	-	20/1	RECEPT. RM. 004
27	-	20/1	HAND DRYER	28	-	20/1	WASHER RM 004
29	-	20/1	RECEPT, RM 012, 021A	30	-	30/2	DRYER RM 004
31	-	20/1	VENDING	32	-		
33	-	20/1	VENDING	34	-	20/1	WASHER RM 004
35	-	20/1	CH1	36	-	30/2	DRYER RM 004
37	-	20/1	WH1	38	-		
39	-	20/1	WH2	40	-	20/1	WASHER RM 004
41	-	20/1	P4 RM 004A	42	-	20/1	UH1 RM 004A,024

PANEL LP-4A2 SCHEDULE				208/120 3ϕ 4W, SURFACE NEMA 1 150A MCB, 1-30 POS SECTION 22,000 AIC			
1	-	20/2	ACC-2	2	-	20/1	EF3
3	-			4	-	20/1	SPARE
5	-	15/2	AC3	6	-	20/1	SPARE
7	-			8	-	20/1	SPARE
9	-	20/1	CH5 STAIR S3-4	10	-	20/1	SPARE
11	-	20/1	SPARE	12	-	20/1	SPARE
13	-	20/1	SPARE	14	-	20/1	SPARE
15	-	20/1	SPARE	16	-	20/1	SPARE
17	-	20/1	SPARE	18	-	20/1	SPARE
19	-	20/1	SPARE	20	-	20/1	SPARE
21	-	-	SPACE AND BUSSING	22	-	-	SPACE AND BUSSING
23	-	-	SPACE AND BUSSING	24	-	-	SPACE AND BUSSING
25	-	-	SPACE AND BUSSING	26	-	-	SPACE AND BUSSING
27	-	-	SPACE AND BUSSING	28	-	-	SPACE AND BUSSING
29	-	-	SPACE AND BUSSING	30	-	-	SPACE AND BUSSING

PANEL LP-GA1 SCHEDULE				208/120 3ϕ 4W, SURFACE NEMA 1 200A MCB, 1-42 POS SECTION WITH FEED-THRU LUGS, 22,000 AIC			
1	-	20/1	LTG. CORR BASEMENT	2	-	20/1	RECEPT. RM 016
3	-	20/1	LTG. SUITE 016	4	-	20/1	RECEPT. RM 016A
5	-	20/1	LTG. SUITE 017	6	-	20/1	RECEPT. RM 016B
7	-	20/1	LTG. SUITE 014	8	-	20/1	RECEPT. RM 016C
9	-	20/1	LTG. SUITE 015	10	-	20/1	RECEPT. RM 016D
11	-	20/1	RECEPT. ELEVATOR PIT	12	-	20/1	RECEPT. RM 016E
13	-	20/1	RECEPT, RM 013, CORR. 021A, 021F	14	-	20/1	RECEPT. RM 017
15	-	50/2	RANGE RM 014	16	-	20/1	RECEPT. RM 017A
17	-			18	-	20/1	RECEPT. RM 017B
19	-	20/1	RANGE HOOD RM 014	20	-	20/1	RECEPT. RM 017C
21	-	20/1	RECEPT. RM 014	22	-	20/1	RECEPT. RM 017C
23	-	20/1	RECEPT. RM 014	24	-	20/1	TEMPERATURE CONTROL PANELS
25	-	30/2	DRYER RM 014	26	-	20/1	SPARE
27	-			28	-	20/1	SPARE
29	-	20/1	WASHER RM 014	30	-	20/1	SPARE
31	-	20/1	REFRIGERATOR RM 014	32	-	20/1	SPARE
33	-	20/1	RECEPT. LIVING RM 014	34	-	20/1	SPARE
35	-	20/1	RECEPT RM 014E	36	-	20/1	SPARE
37	-	20/1	RECEPT. RM 014B	38	-	20/1	SPARE
39	-	20/1	RECEPT. RM 014	40	-	20/1	SPARE
41		20/1	SPARE	42	-	20/1	SPARE

PANEL LP-GB1 SCHEDULE				208/120 3ϕ 4W, SURFACE NEMA 1 200A MCB, 1-42 POS SECTION 22,000 AIC			
1	-	15/3	EF2	2	-	30/2	DRYER RM 004
3	-			4	-		
5	-			6	-	20/1	WASHER RM 004
7	-	20/1	EF8	8	-	30/2	DRYER RM 004
9	-	20/1	EF6	10	-		
11	-	35/3	BP1 (5HP)	12	-	20/1	WASHER 004
13	-			14	-	30/2	DRYER RM 004
15	-			16	-		
17	-	20/1	EF9 RM 007	18	-	20/1	WASHER RM 004
19	-	20/1	UH1 RM 006	20	-	30/2	DRYER RM 004
21	-	20/1	BOLLARDS	22	-		
23	-	20/1	EF-10	24	-	20/1	WASHER RM 004
25	-	20/1	SPARE	26	-	30/2	DRYER RM 004
27	-	20/1	SPARE	28	-		
29	-	20/1	SPARE	30	-	20/1	WASHER RM 004
31	-	20/1	SPARE	32	-	30/2	DRYER RM 004
33	-	20/1	SPARE	34	-		
35	-	20/1	SPARE	36	-	20/1	WASHER RM 004
37	-	20/1	SPARE	38	-	30/2	DRYER RM 004
39	-	20/1	SPARE	40	-		
41		20/1	SPARE	42	-	20/1	SPARE

DASNY
DORMITORY AUTHORITY STATE OF NEW YORK
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One Penn Plaza, 52 Floor, New York, New York 10119-0098
539 Franklin Street, Buffalo, New York 14202-1109
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Consultants:

architecture+
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

PANEL SCHEDULES

Drawn By:	Checked By:	Date:
Author	Checker	8-29-2018

Seal & Signature

STATE OF NEW YORK · DAVID E. DUNKELBERGER · 081455 · LICENSED PROFESSIONAL ENGINEER

DASNY Project No: 341830

Drawing Number

E702

Scale: 12" = 1'-0"

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PANEL LR-4B1 SCHEDULE				208/120 3I 4W, SURFACE NEMA 1 150A MCB, 1-42 POS SECTION WITH FEED-THRU LUGS, 22,000 AIC				
1	-	20/1	LTG, SUITE 405	2	-	20/1	SPARE	
3	-	20/1	LTG, SUITE 404	4	-	20/1	RECEPT. RM 411	
5	-	20/1	LTG, SUITE 403	6	-	20/1	RECEPT. RM 411A	
7	-	20/1	LTG, SUITE 402	8	-	20/1	RECEPT. RM 411B	
9	-	20/1	LTG, SUITE 401	10	-	20/1	RECEPT. RM 411C	
11	-	20/1	LTG, ATTIC	12	-	20/1	RECEPT. RM 401	
13	-	20/1	LTG, ATTIC	14	-	20/1	RECEPT. RM 401A	
15	-	20/1	RECEPT. RM 405	16	-	20/1	RECEPT. RM 401B	
17	-	20/1	RECEPT. RM 405A	18	-	20/1	RECEPT. RM 401C	
19	-	20/1	RECEPT. RM 405B	20	-	20/1	RECEPT. RM 401D	
21	-	20/1	RECEPT. RM 405C	22	-	20/1	RECEPT. RM 402	
23	-	20/1	RECEPT. RM 405D	24	-	20/1	RECEPT. RM 402E	
25	-	20/1	RECEPT. RM 404	26	-	20/1	RECEPT. RM 402D	
27	-	20/1	RECEPT. RM 404D	28	-	20/1	RECEPT. RM 402C	
29	-	20/1	RECEPT. RM 404A	30	-	20/1	RECEPT. RM 402B	
31	-	20/1	RECEPT. RM 404B	32	-	20/1	RECEPT. RM 402A	
33	-	20/1	RECEPT. RM 404C	34	-	20/1	RECEPT. CORR 400B, RM. 413	
35	-	20/1	RECEPT. RM 403	36	-	20/1	RECEPT. ATTIC	
37	-	20/1	RECEPT. RM 403A	38	-	20/1	RECEPT. RM 501	
39	-	20/1	RECEPT. RM 403B	40	-	20/1	P6 RM 501	
41		20/1	RECEPT. RM 403C	42	-	20/1	UH2 ATTIC	

PANEL LR-QA2 SCHEDULE				208/120 3I 4W, SURFACE NEMA 1 200A MCB, 1-30 POS SECTION 22,000 AIC			
1	-	20/1	RECEPT. RM 015	2	-	20/1	EF4
3	-	20/1	RECEPT. RM 015A	4	-	20/1	SPARE
5	-	20/1	RECEPT. RM 015B	6	-	20/1	SPARE
7	-	20/1	RECEPT. RM 015C	8	-	20/1	SPARE
9	-	20/1	RECEPT. RM 015D	10	-	20/1	SPARE
11	-	20/2	ACC1	12	-	20/1	SPARE
13	-			14	-	20/1	SPARE
15	-	20/2	AC1	16	-	20/1	SPARE
17	-			18	-	20/1	SPARE
19	-	20/2	AC2	20	-	20/1	SPARE
21	-			22	-	20/1	SPARE
23	-	20/1	CH1	24	-	20/1	SPARE
25		80/3	WH3	26	-	20/1	SPARE
27	-			28	-	20/1	SPARE
29				30	-	20/1	SPARE

PANEL LS-3 SCHEDULE				208/120 3I 4W, SURFACE NEMA 1 100A MCB, 1-18 POS SECTION 22,000 AIC			
1	-	20/1	SECOND FLOOR EMERGENCY LIGHTING	2	-	20/1	FOURTH FLOOR EMERGENCY LIGHTING
3	-	20/1	SECOND FLOOR EMERGENCY LIGHTING	4	-	20/1	FOURTH FLOOR EMERGENCY LIGHTING
5	-	20/1	THIRD FLOOR EMERGENCY LIGHTING	6	-	20/1	ATTIC FLOOR EMERGENCY LIGHTING
7	-	20/1	THIRD FLOOR EMERGENCY LIGHTING	8	-	20/1	SPARE
9	-	20/1	SECOND FLOOR EMERGENCY LIGHTING	10	-	20/1	SPARE
11	-	20/1	SPARE	12	-	20/1	SPARE
13	-	20/1	SPARE	14	-	20/1	SPARE
15	-	20/1	SPARE	16	-	20/1	SPARE
17	-	20/1	SPARE	18	-	20/1	SPARE

PANEL LS-B SCHEDULE				208/120 3I 4W, SURFACE NEMA 1 100A MAIN LUG, 1-24 POS SECTION WITH FEED-THRU LUGS, 22,000 AIC			
1	-	20/1	EM LTG, BASEMENT	2	-	20/1	BATTERY CHARGER
3	-	20/1	EM LTG, BASEMENT	4	-	30/1	JACKET HEATER
5	-	20/1	EM LTG, BASEMENT	6	-	20/1	SPARE
7	-	20/1	EM LTG, FIRST FLOOR	8	-	20/1	SPARE
9	-	20/1	EM LTG, FIRST FLOOR	10	-	20/1	SPARE
11	-	20/1	SPARE	12	-	20/1	SPARE
13	-	20/1	SPARE	14	-	20/1	SPARE
15	-	-	SPACE AND BUSSING	16	-	-	SPACE AND BUSSING
17	-	-	SPACE AND BUSSING	18	-	-	SPACE AND BUSSING
19	-	-	SPACE AND BUSSING	20	-	-	SPACE AND BUSSING
21	-	-	SPACE AND BUSSING	22	-	-	SPACE AND BUSSING
23	-	-	SPACE AND BUSSING	24	-	-	SPACE AND BUSSING

PANEL PP-HR SCHEDULE				208/120 3I 4W, SURFACE NEMA 1 125A MAIN LUG, 1-42 POS SECTION 22,000 AIC			
1	-	50/3	P3	2	-	35/3	SPARE
3	-			4	-		
5	-			6	-		
7	-	35/3	SPARE	8	-	25/1	CAC1
9	-			10	-	20/1	DRYER
11	-			12	-	20/1	SPARE
13	-	20/1	EF1	14	-	20/1	FLOW METER
15	-	20/1	AQUASTAT	16	-	20/1	EF5
17	-	20/1	HWCR-1,2	18	-	20/1	FLOOD CONTROL INTEGRATED SYSTEM
19	-	20/1	P7	20	-	20/2	ERU-3
21	-	20/1	RECEPTS RM 001	22	-		
23	-	20/1	GF-1 GLYCOL FEED PUMP	24	-	35/2	ERU-3 PRE-HEAT
25	-	20/1	SPARE	26	-		
27	-	20/1	SPARE	28	-	20/1	SPARE
29	-	20/1	SPARE	30	-	20/1	SPARE
31	-	20/1	SPARE	32	-	20/1	SPARE
33	-	20/1	SPARE	34	-	20/1	SPARE
35	-	20/1	SPARE	36	-	20/1	SPARE
37	-	20/1	SPARE	38	-	20/1	SPARE
39	-	20/1	SPARE	40	-	20/1	SPARE
41		20/1	SPARE	42	-	20/1	SPARE

1" BAR EQUALS ONE INCH WHEN DRAWING IS PRINTED TO SCALE

NORTH

DASNY
DORMITORY AUTHORITY STATE OF NEW YORK
515 Broadway, Albany, New York 12207 / 2544
One Penn Plaza, 52 Floor, New York, New York 10119 0094
539 Franklin Street, Buffalo, New York 14202 1185
WWW.DASNY.ORG

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Consultants:

architecture
LOMONACO & PITTS, ARCHITECTS P.C.
297 RIVER STREET
TROY, NY 12180

FRIEDMAN FISHER ASSOCIATES, P.C. CONSULTING ENGINEERS
22 Aviation Road
Albany, New York 12205

Project Key

REVISIONS

Description	Date:

Project Title

STATE UNIVERSITY OF NEW YORK AT NEW PALTZ

DEYO HALL REHABILITATION AND UPPER FLOOR ADDITION

1 HAWK DRIVE NEW PALTZ, NEW YORK 12561-2443

Phase

BID DOCUMENTS

PANEL SCHEDULES

Drawn By:	Checked By:	Date:
Author	Checker	8-29-2018

Seal & Signature

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DASNY Project No: 341830

Drawing Number

E703

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