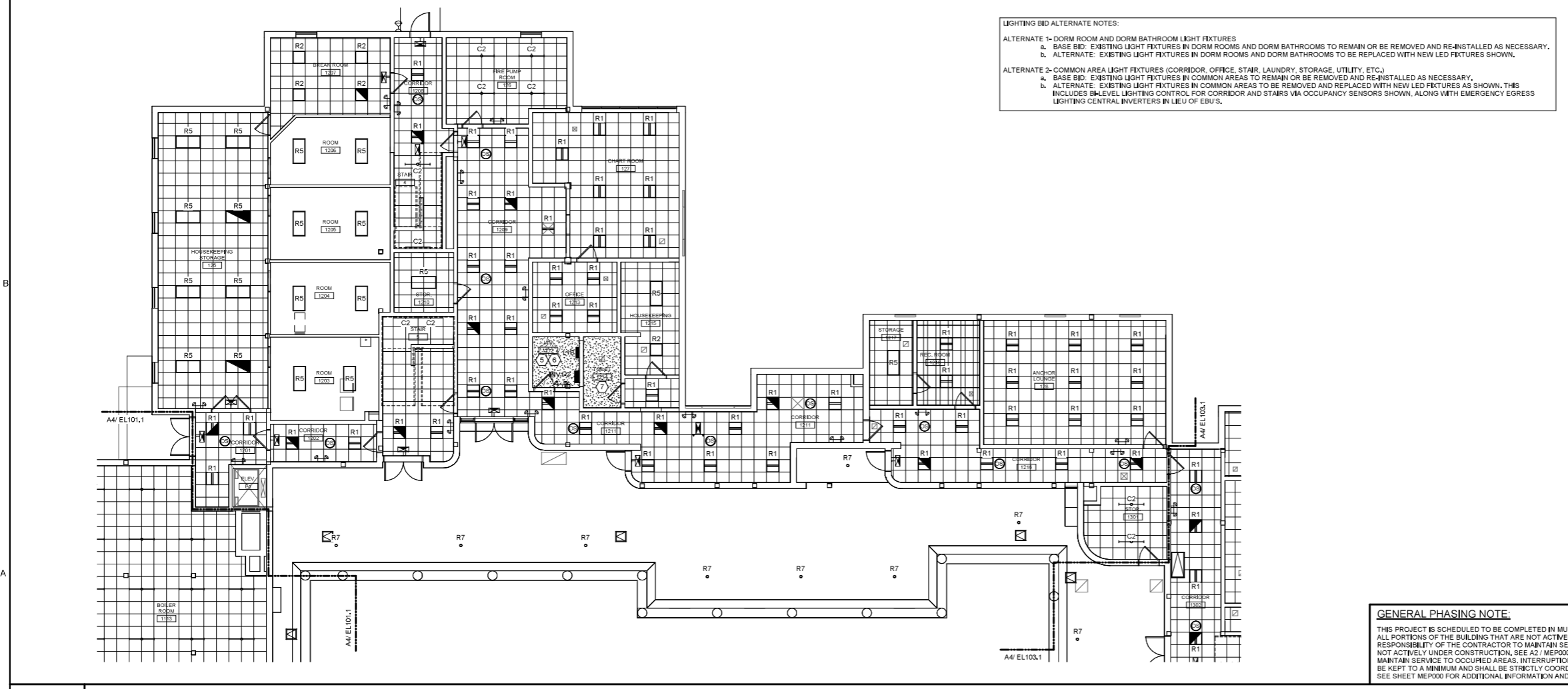


C6 PHASE 2 FIRST FLOOR ELECTRICAL REMOVALS - LIGHTING RCP
1/8" = 1'-0"

D1 KEYNOTES- LIGHTING REMOVALS



A6 PHASE 2 FIRST FLOOR LIGHTING RCP
1/8" = 1'-0"

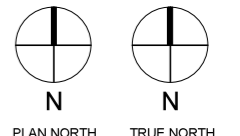
LIGHTING BID ALTERNATE NOTES:
 ALTERNATE 1- DORM ROOM AND DORM BATHROOM LIGHT FIXTURES
 a. BASE BID: EXISTING LIGHT FIXTURES IN DORM ROOMS AND DORM BATHROOMS TO REMAIN OR BE REMOVED AND RE-INSTALLED AS NECESSARY.
 b. ALTERNATE: EXISTING LIGHT FIXTURES IN DORM ROOMS AND DORM BATHROOMS TO BE REPLACED WITH NEW LED FIXTURES SHOWN.
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 a. BASE BID: EXISTING LIGHT FIXTURES IN COMMON AREAS TO REMAIN OR BE REMOVED AND RE-INSTALLED AS NECESSARY.
 b. ALTERNATE: EXISTING LIGHT FIXTURES IN COMMON AREAS TO BE REMOVED AND REPLACED WITH NEW LED FIXTURES AS SHOWN. THIS INCLUDES 0-LEVEL LIGHTING CONTROL FOR CORRIDOR AND STAIRS VIA OCCUPANCY SENSORS SHOWN, ALONG WITH EMERGENCY EGRESS LIGHTING CENTRAL INVERTERS IN LIEU OF EBUS.

LIGHTING CONTROL GENERAL NOTES:
 1. UNLESS NOTED OTHERWISE, LIGHTING SHALL BE CONNECTED TO EXISTING CIRCUITING AND CONTROLS.
 2. IN STAIRWELLS, LIGHTING SHALL BE CONTINUOUSLY ON AT 50% OUTPUT AND RAISE TO 100% OUTPUT UPON ACTIVATION OF ANY OCCUPANCY SENSOR IN THE STAIRWELL.
 3. IN CORRIDORS, LIGHTING SHALL BE CONTINUOUSLY ON AT 50% OUTPUT AND RAISE TO 100% OUTPUT UPON ACTIVATION OF ANY OCCUPANCY SENSOR IN THE INDICATED SWITCH GROUP.

- ① TYPICAL DORM ROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D6 ON SHEET E400.
- ② TYPICAL SMALL DORM RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D3 ON SHEET E400.
- ③ TYPICAL LARGE DORM RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D4 ON SHEET E400.
- ④ TYPICAL LAUNDRY ROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL X ON SHEET XX.
- ⑤ TYPICAL SMALL STORAGE ROOM OR ELECTRICAL CLOSET- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL X ON SHEET XX.
- ⑥ CENTRAL INVERTER TO BE LOCATED IN THIS ROOM. THIS INVERTER SHALL SERVE ALL EMERGENCY LIGHTS ON THIS FLOOR WITHIN THE BOUNDARIES OF THIS PHASE.
- ⑦ TYPICAL SMALL RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D5 ON SHEET E400.

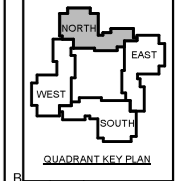
A1 KEYNOTES- NEW LIGHTING

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 Maine Maritime Academy, Curtis Hall
 1 Pleasant Street, Castine, Maine 04421



No.	Date	Description
		Revision Schedule

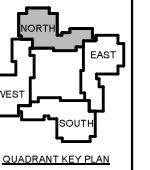
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JOB NO. 075982

ISSUE
 100% CONSTRUCTION DOCUMENTS - ISSUED FOR BIDDING
 11/22/2023

TITLE
 PHASE 2 FIRST FLOOR LIGHTING REMOVALS & NEW PLANS

SHEET
EL102.1



No.	Date	Description
		Revision Schedule

NOT FOR CONSTRUCTION

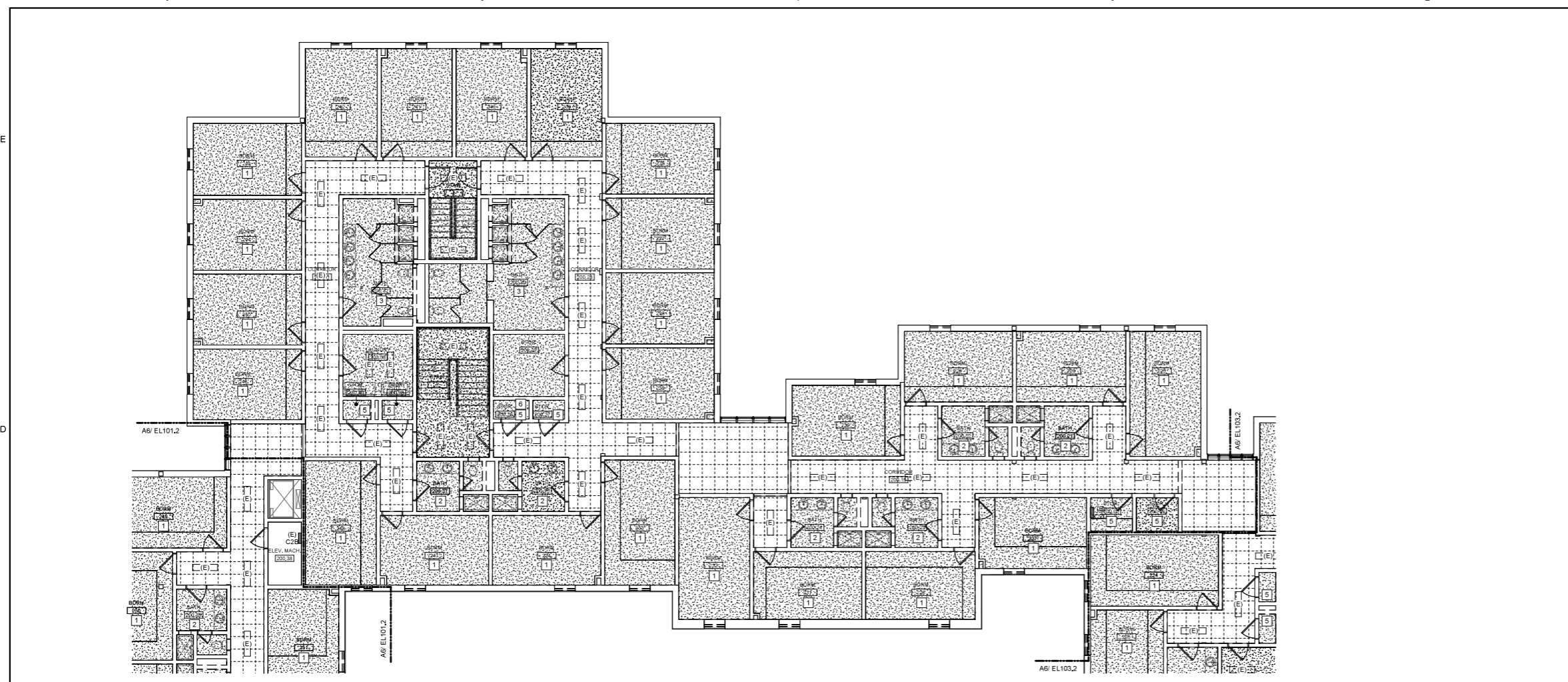
JOB NO.
075982

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11/22/2023

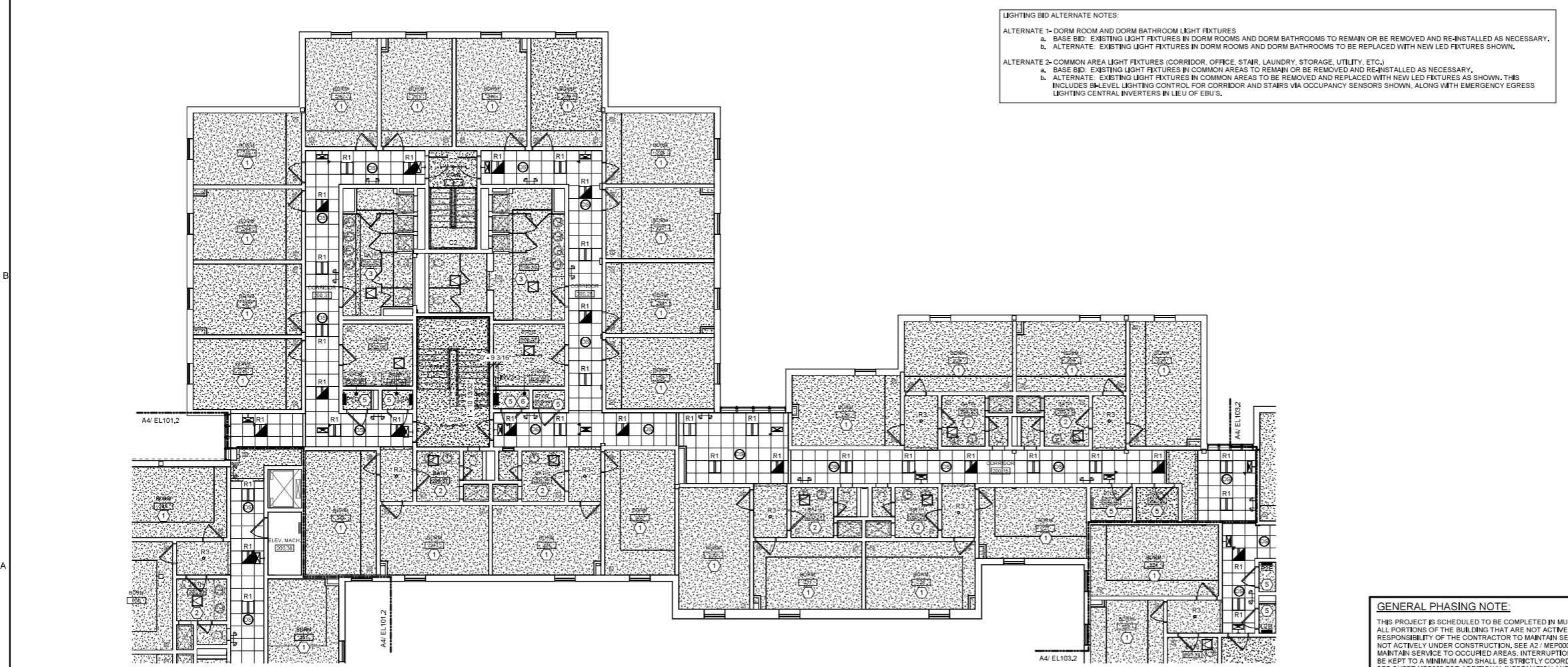
TITLE
PHASE 2 SECOND FLOOR LIGHTING REMOVALS & NEW PLANS

SHEET
EL102.2



C6 PHASE 2 SECOND FLOOR ELECTRICAL REMOVALS - LIGHTING RCP
1/8" = 1'-0"

D1 KEYNOTES- LIGHTING REMOVALS



A6 PHASE 2 SECOND FLOOR LIGHTING RCP
1/8" = 1'-0"

LIGHTING CONTROL GENERAL NOTES:

- UNLESS NOTED OTHERWISE, LIGHTING SHALL BE CONNECTED TO EXISTING CIRCUITING AND CONTROLS.
- IN STAIRWELLS, LIGHTING SHALL BE CONTINUOUSLY ON AT 50% OUTPUT AND RAISE TO 100% OUTPUT UPON ACTIVATION OF ANY OCCUPANCY SENSOR IN THE STAIRWELL.
- IN CORRIDORS, LIGHTING SHALL BE CONTINUOUSLY ON AT 50% OUTPUT AND RAISE TO 100% OUTPUT UPON ACTIVATION OF ANY OCCUPANCY SENSOR IN THE INDICATED SWITCH GROUP.

LIGHTING BID ALTERNATE NOTES:

ALTERNATE 1- DORM ROOM AND DORM BATHROOM LIGHT FIXTURES

- BASE BID: EXISTING LIGHT FIXTURES IN DORM ROOMS AND DORM BATHROOMS TO REMAIN OR BE REMOVED AND RE-INSTALLED AS NECESSARY.
- ALTERNATE: EXISTING LIGHT FIXTURES IN DORM ROOMS AND DORM BATHROOMS TO BE REPLACED WITH NEW LED FIXTURES SHOWN.

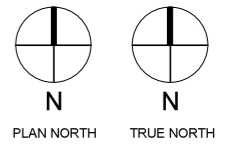
ALTERNATE 2- COMMON AREA LIGHT FIXTURES (CORRIDOR, OFFICE, STAIR, LAUNDRY, STORAGE, UTILITY, ETC.)

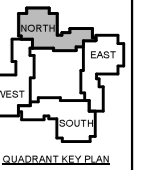
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- TYPICAL DORM ROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D6 ON SHEET E400.
- TYPICAL SMALL DORM RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D3 ON SHEET E400.
- TYPICAL LARGE DORM RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D4 ON SHEET E400.
- TYPICAL LAUNDRY ROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL X ON SHEET XX.
- TYPICAL SMALL STORAGE ROOM OR ELECTRICAL CLOSET- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL X ON SHEET XX.
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- TYPICAL SMALL RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D5 ON SHEET E400.

A1 KEYNOTES- NEW LIGHTING

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No.	Date	Description
Revision Schedule		

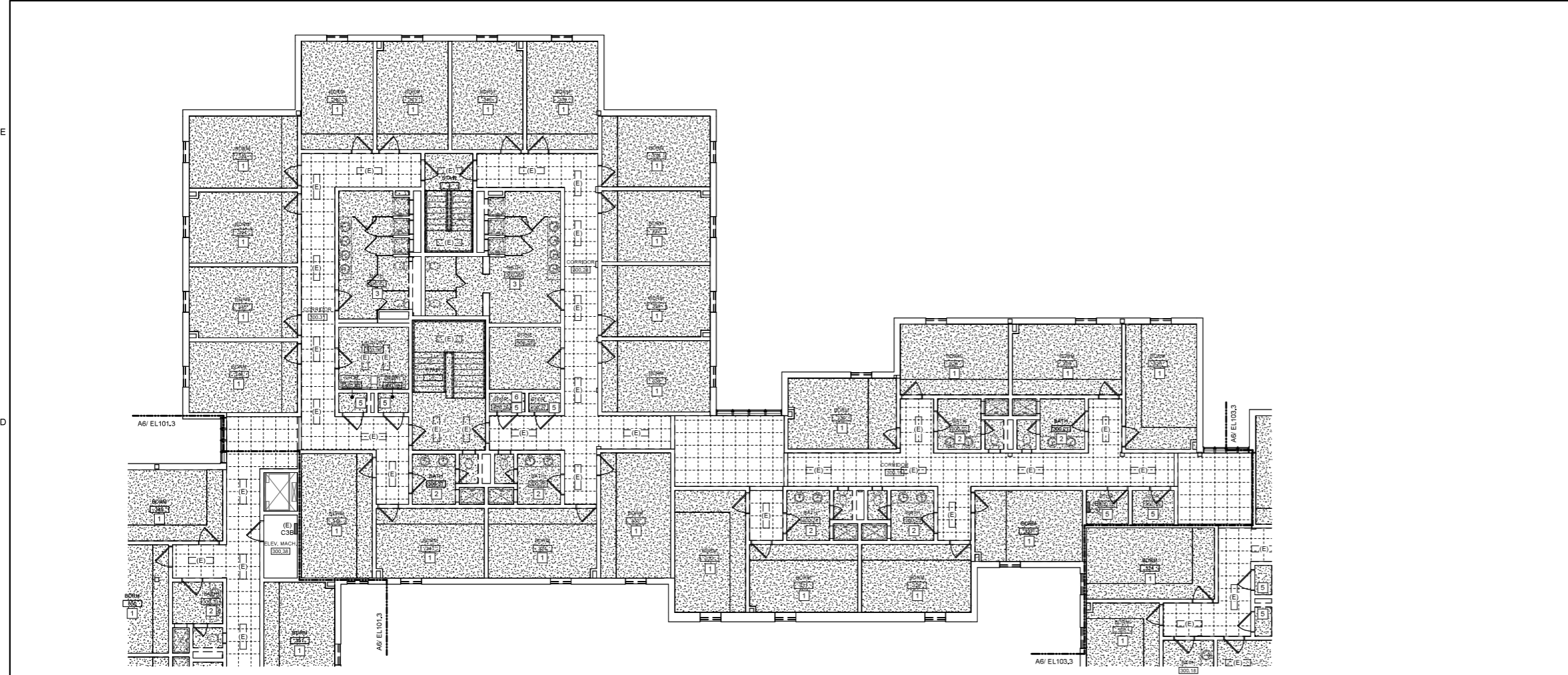
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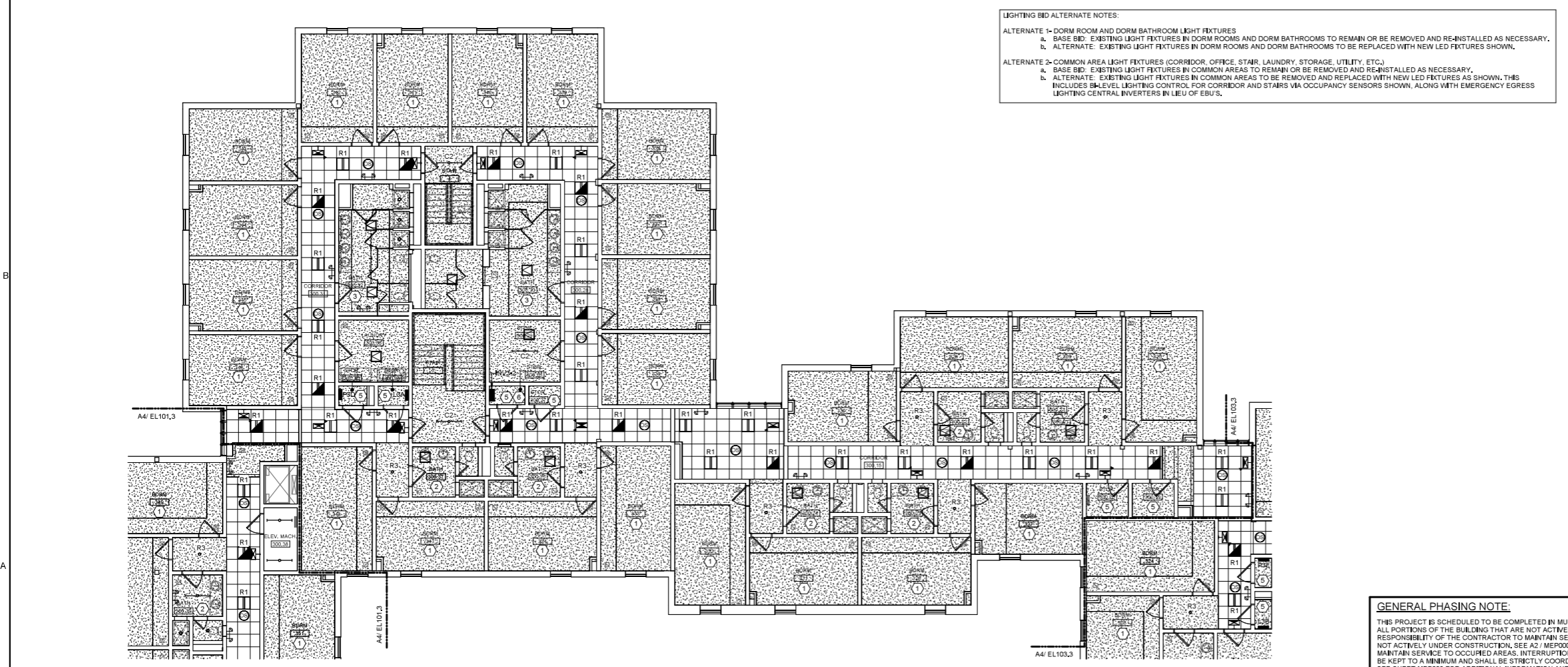
TITLE
PHASE 2 THIRD FLOOR LIGHTING REMOVALS & NEW PLANS

SHEET
EL102.3



C6 PHASE 2 THIRD FLOOR ELECTRICAL REMOVALS - LIGHTING RCP
1/8" = 1'-0"

D1 KEYNOTES- LIGHTING REMOVALS



A6 PHASE 2 THIRD FLOOR LIGHTING RCP
1/8" = 1'-0"

LIGHTING CONTROL GENERAL NOTES:

- UNLESS NOTED OTHERWISE, LIGHTING SHALL BE CONNECTED TO EXISTING CIRCUITING AND CONTROLS.
- IN STAIRWELLS, LIGHTING SHALL BE CONTINUOUSLY ON AT 50% OUTPUT AND RAISE TO 100% OUTPUT UPON ACTIVATION OF ANY OCCUPANCY SENSOR IN THE STAIRWELL.
- IN CORRIDORS, LIGHTING SHALL BE CONTINUOUSLY ON AT 50% OUTPUT AND RAISE TO 100% OUTPUT UPON ACTIVATION OF ANY OCCUPANCY SENSOR IN THE INDICATED SWITCH GROUP.

LIGHTING BID ALTERNATE NOTES:

ALTERNATE 1- DORM ROOM AND DORM BATHROOM LIGHT FIXTURES

- BASE BID: EXISTING LIGHT FIXTURES IN DORM ROOMS AND DORM BATHROOMS TO REMAIN OR BE REMOVED AND RE-INSTALLED AS NECESSARY.
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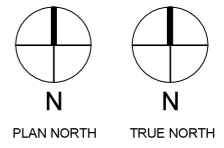
ALTERNATE 2- COMMON AREA LIGHT FIXTURES (CORRIDOR, OFFICE, STAIR, LAUNDRY, STORAGE, UTILITY, ETC.)

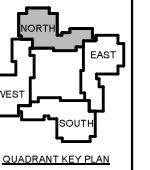
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- TYPICAL DORM ROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D6 ON SHEET E400.
- TYPICAL SMALL DORM RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D3 ON SHEET E400.
- TYPICAL LARGE DORM RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D4 ON SHEET E400.
- TYPICAL LAUNDRY ROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL X ON SHEET XX.
- TYPICAL SMALL STORAGE ROOM OR ELECTRICAL CLOSET- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL X ON SHEET XX.
- CENTRAL INVERTER TO BE LOCATED IN THIS ROOM. THIS INVERTER SHALL SERVE ALL EMERGENCY LIGHTS ON THIS FLOOR WITHIN THE BOUNDARIES OF THIS PHASE.
- TYPICAL SMALL RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D5 ON SHEET E400.

A1 KEYNOTES- NEW LIGHTING

GENERAL PHASING NOTE:
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No.	Date	Description
Revision Schedule		

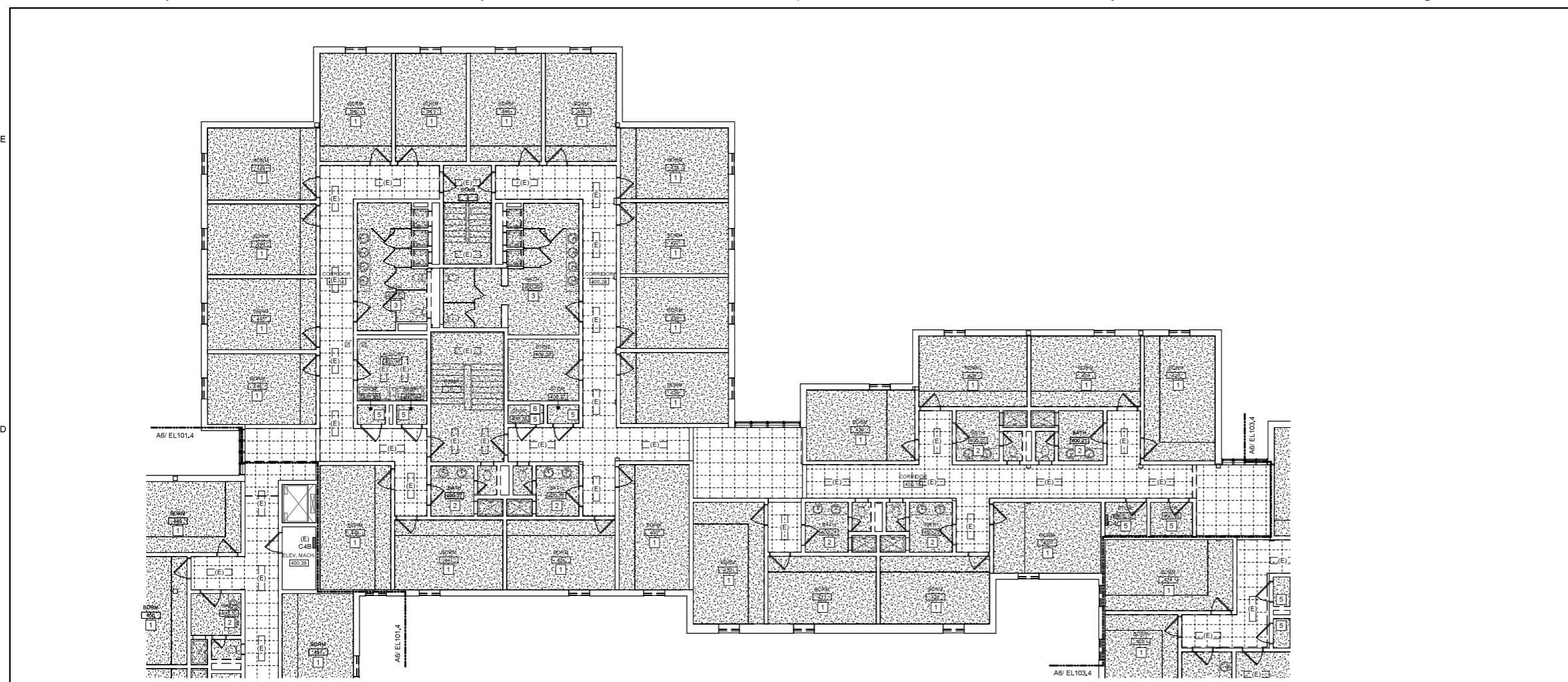
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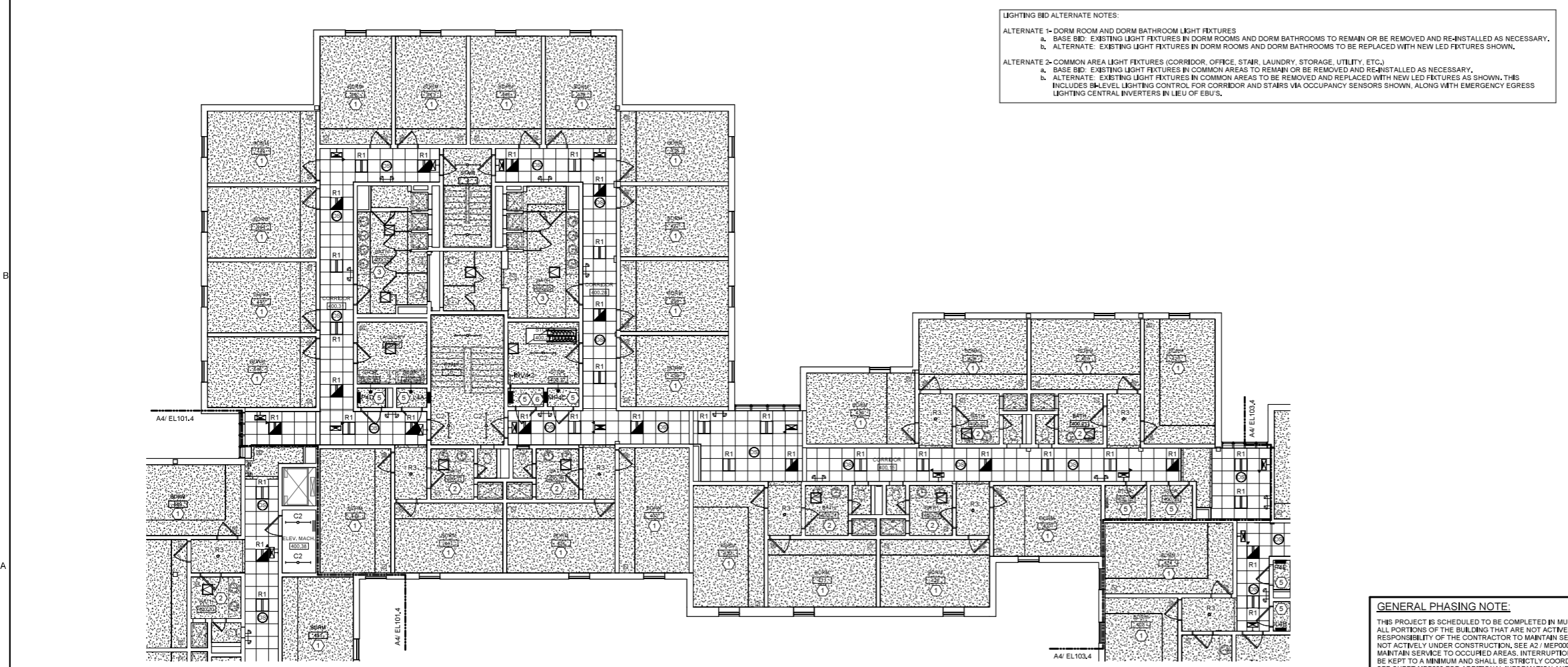
TITLE
PHASE 2 FOURTH FLOOR LIGHTING REMOVALS & NEW PLANS

SHEET
EL102.4



C6 PHASE 2 FOURTH FLOOR ELECTRICAL REMOVALS - LIGHTING RCP
1/8" = 1'-0"

D1 KEYNOTES- LIGHTING REMOVALS



A6 PHASE 2 FOURTH FLOOR LIGHTING RCP
1/8" = 1'-0"

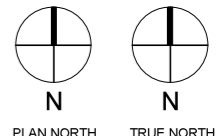
LIGHTING BID ALTERNATE NOTES:
ALTERNATE 1- DORM ROOM AND DORM BATHROOM LIGHT FIXTURES
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- ① TYPICAL DORM ROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D6 ON SHEET E400.
- ② TYPICAL SMALL DORM RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D3 ON SHEET E400.
- ③ TYPICAL LARGE DORM RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D4 ON SHEET E400.
- ④ TYPICAL LAUNDRY ROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL X ON SHEET XX.
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A1 KEYNOTES- NEW LIGHTING

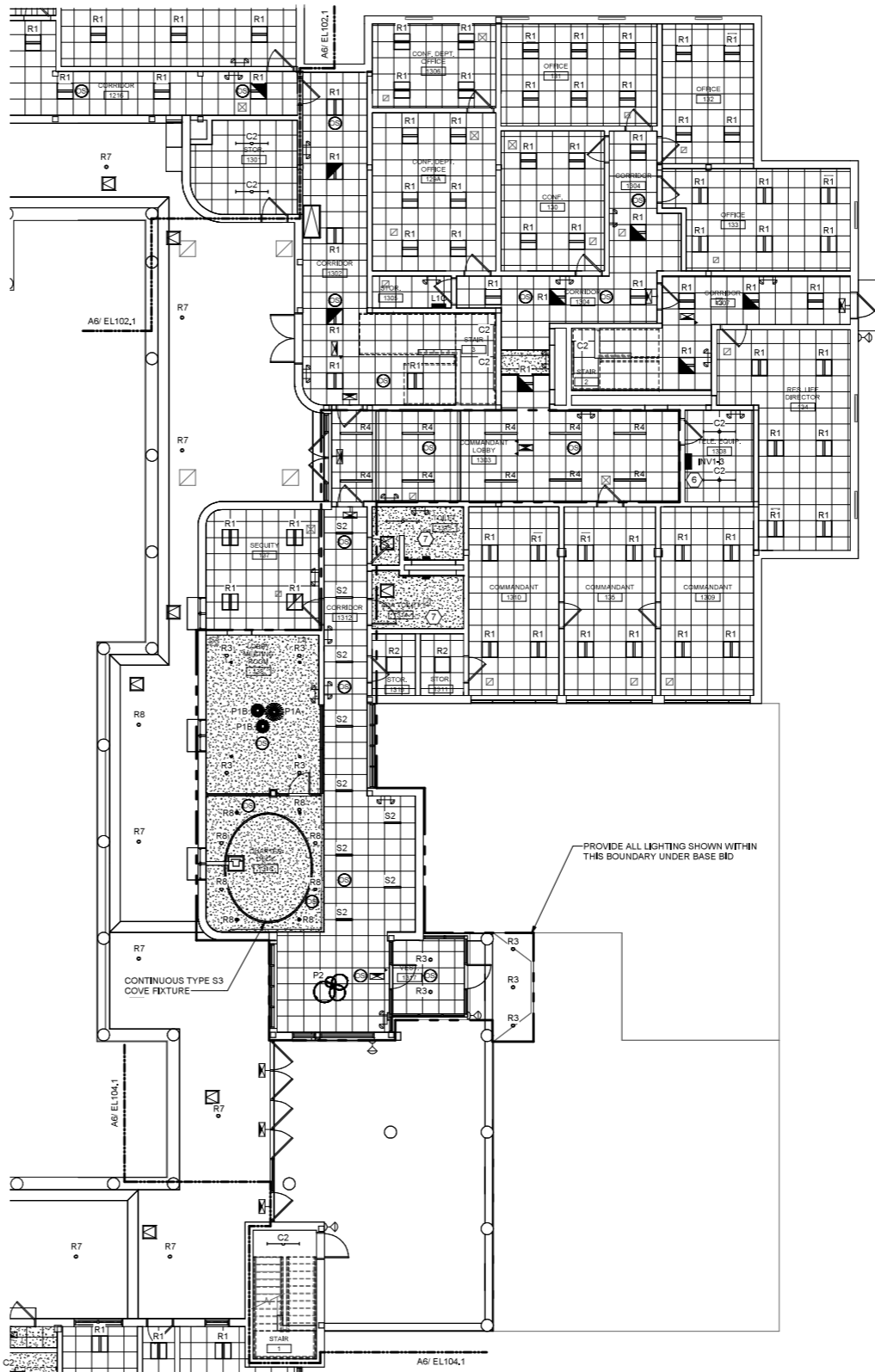
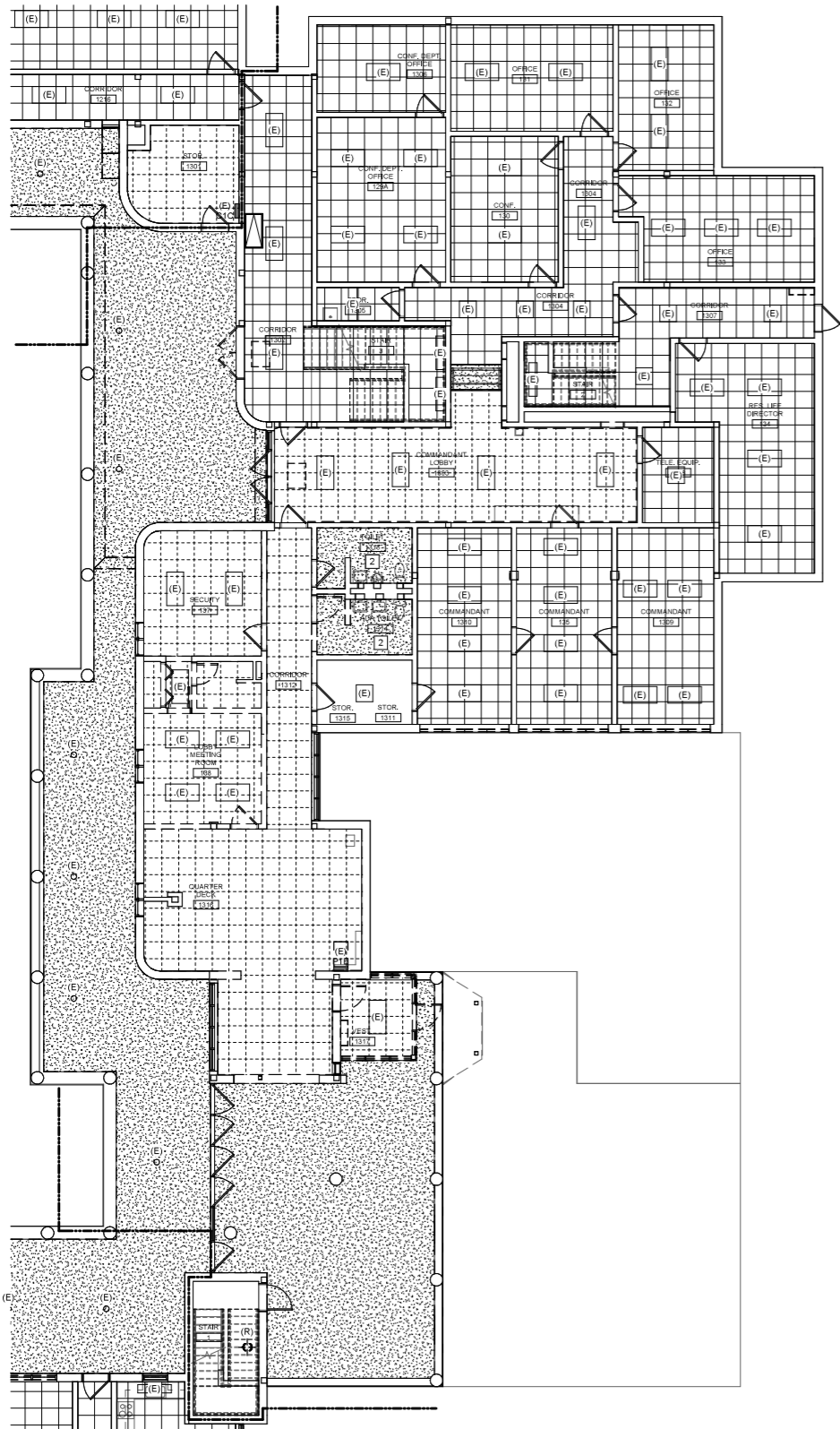
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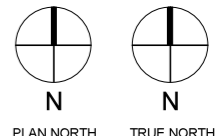
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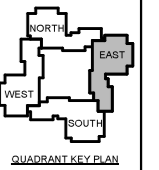
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D1 KEYNOTES- LIGHTING REMOVALS	
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A1 KEYNOTES- NEW LIGHTING	



No.	Date	Description
Revision Schedule		

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100% CONSTRUCTION DOCUMENTS - ISSUED FOR BIDDING

11/22/2023

TITLE
PHASE 3 FIRST FLOOR LIGHTING REMOVALS & NEW PLANS

SHEET
EL103.1

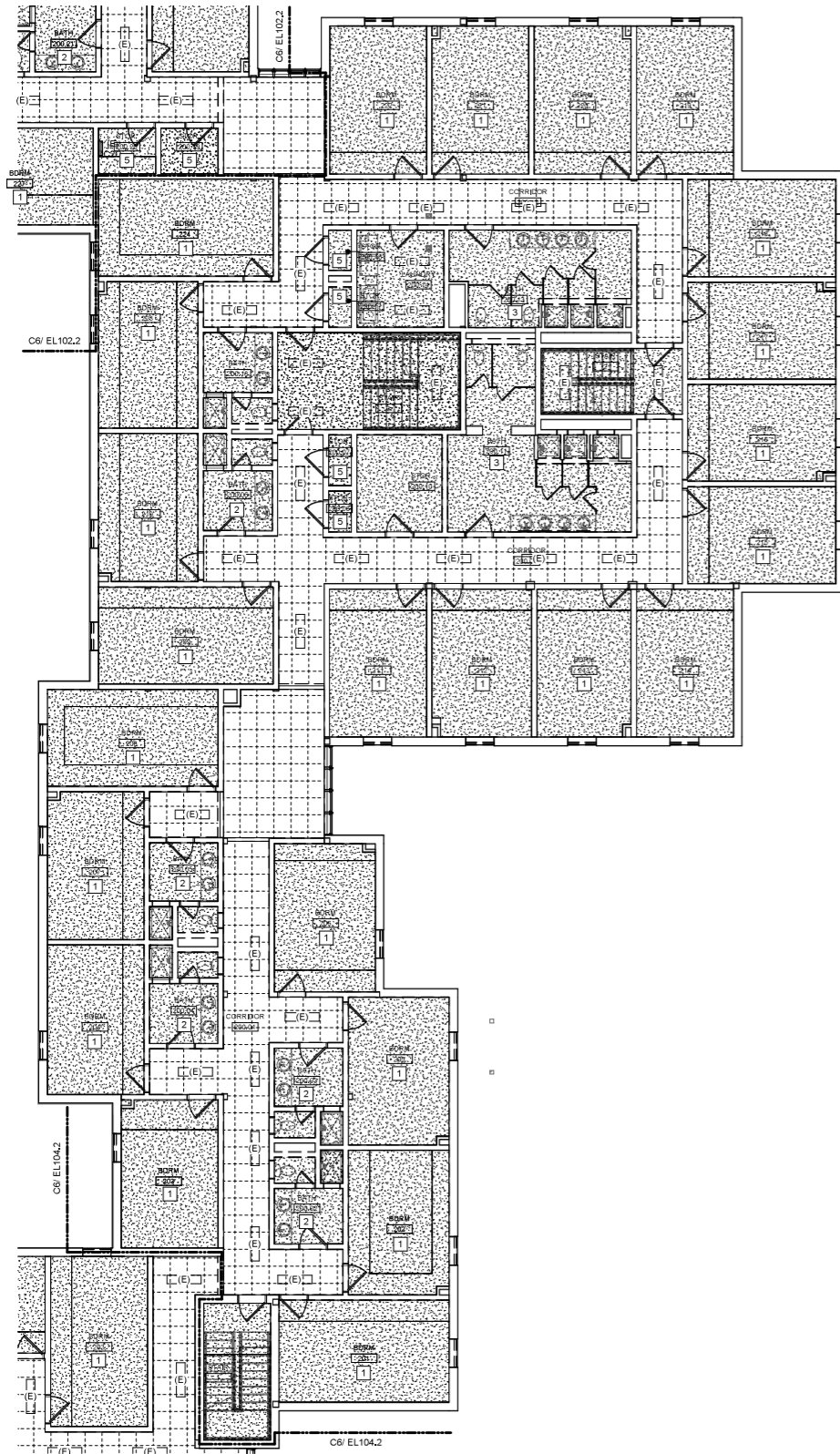
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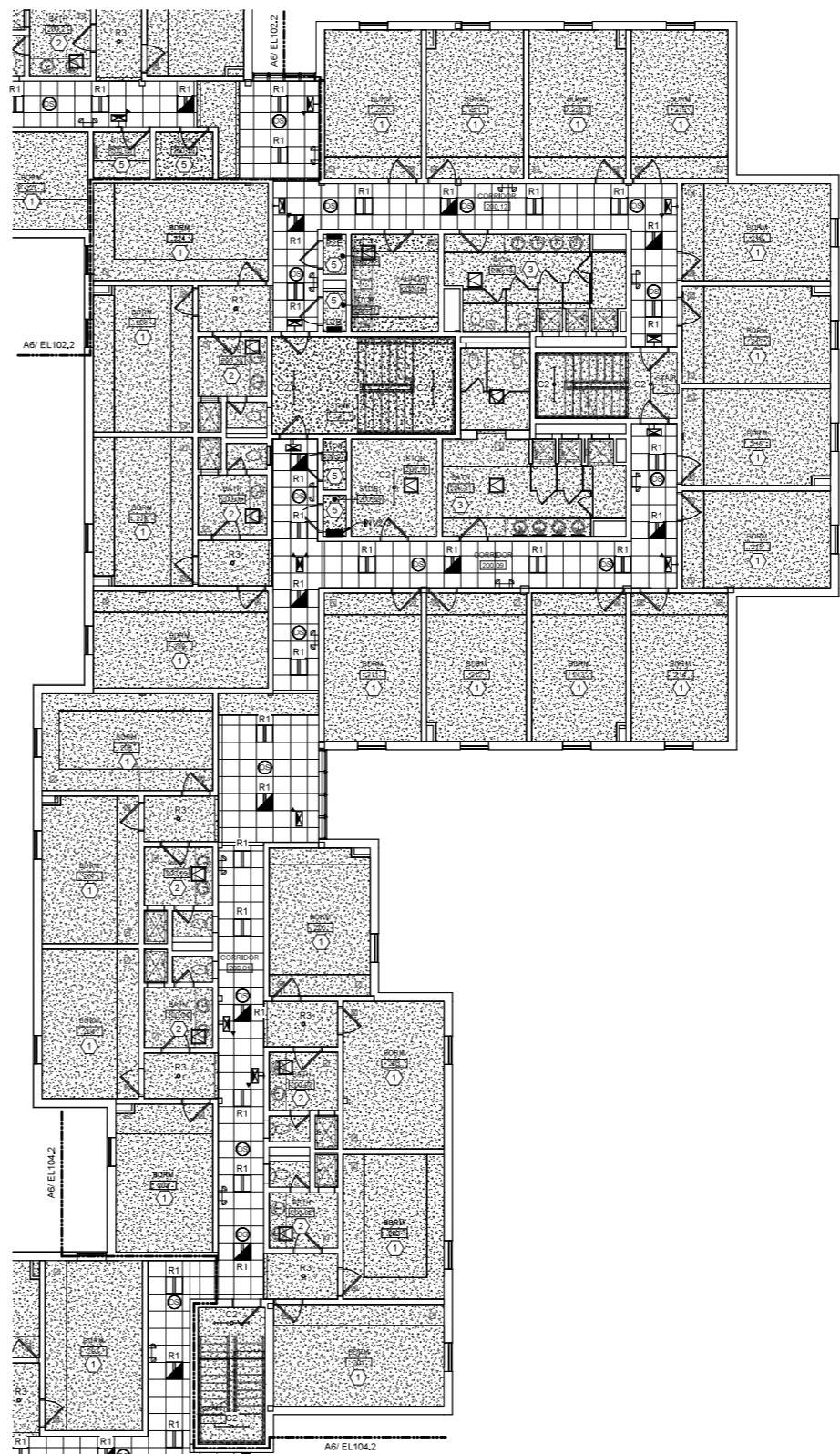
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LIGHTING BID ALTERNATE NOTES:

ALTERNATE 1- DORM ROOM AND DORM BATHROOM LIGHT FIXTURES
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 b. ALTERNATE: EXISTING LIGHT FIXTURES IN COMMON AREAS TO BE REMOVED AND REPLACED WITH NEW LED FIXTURES AS SHOWN. THIS INCLUDES BI-LEVEL LIGHTING CONTROL FOR CORRIDOR AND STAIRS VIA OCCUPANCY SENSORS SHOWN, ALONG WITH EMERGENCY EGRESS LIGHTING CENTRAL INVERTERS IN LIEU OF EBUS.



D1	KEYNOTES- LIGHTING REMOVALS
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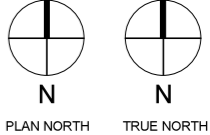
LIGHTING CONTROL GENERAL NOTES:

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- IN STAIRWELLS, LIGHTING SHALL BE CONTINUOUSLY ON AT 50% OUTPUT AND RAISE TO 100% OUTPUT UPON ACTIVATION OF ANY OCCUPANCY SENSOR IN THE STAIRWELL.
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- ③ TYPICAL LARGE DORM RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D4 ON SHEET E400.
- ④ TYPICAL LAUNDRY ROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL X ON SHEET XX.
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- ⑦ TYPICAL SMALL RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D5 ON SHEET E400.

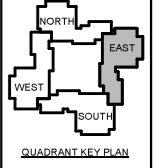
A1	KEYNOTES- NEW LIGHTING
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No.	Date	Description
		Revision Schedule

NOT FOR CONSTRUCTION

JOB NO.
075982

ISSUE
100% CONSTRUCTION DOCUMENTS - ISSUED FOR BIDDING

11/22/2023

TITLE
PHASE 3 SECOND FLOOR LIGHTING REMOVALS & NEW PLANS

SHEET
EL103.2

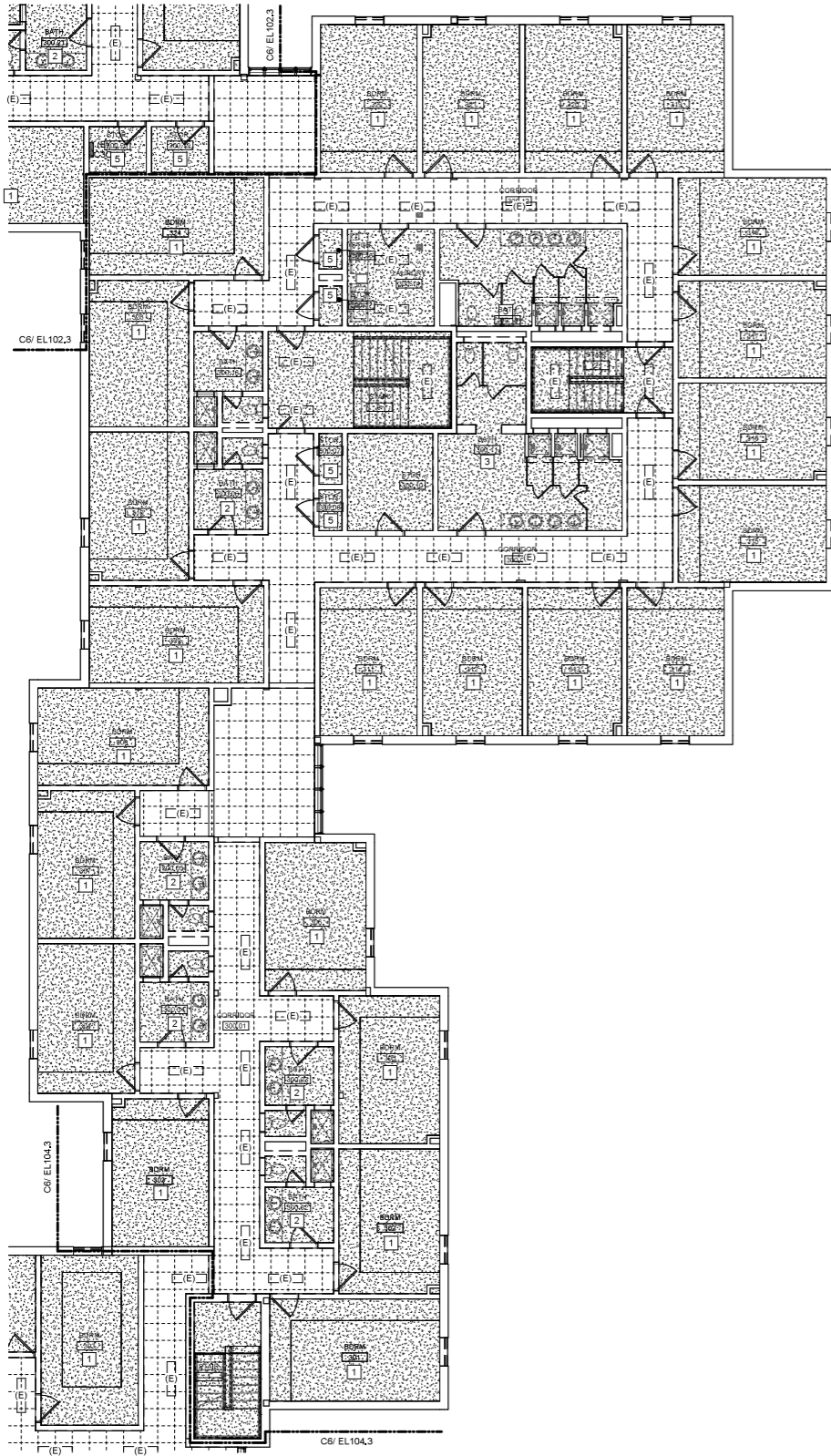
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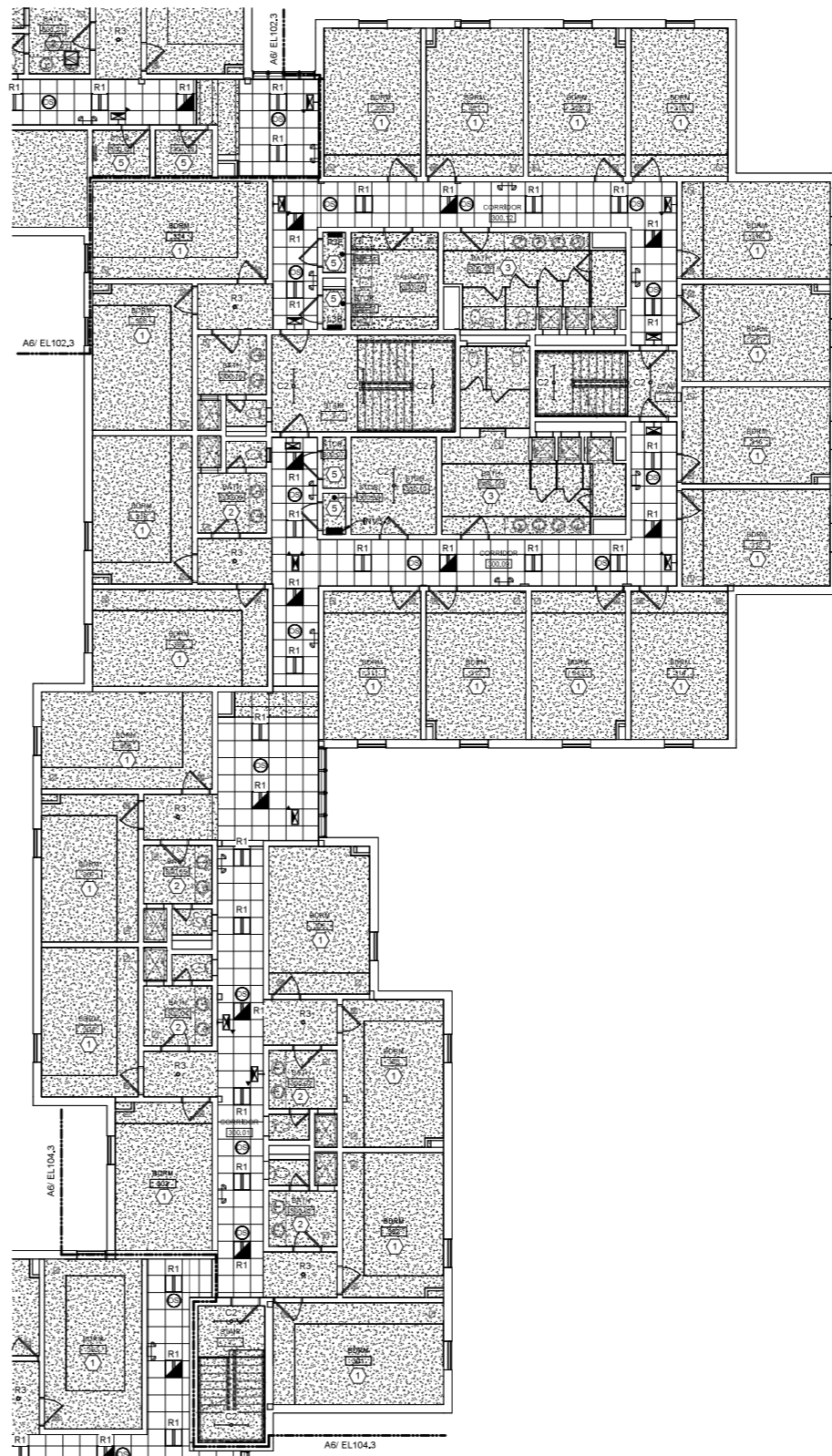
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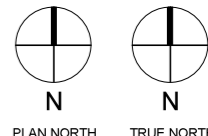
LIGHTING BID ALTERNATE NOTES:

ALTERNATE 1- DORM ROOM AND DORM BATHROOM LIGHT FIXTURES
 a. BASE BID: EXISTING LIGHT FIXTURES IN DORM ROOMS AND DORM BATHROOMS TO REMAIN OR BE REMOVED AND RE-INSTALLED AS NECESSARY.
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D1	KEYNOTES- LIGHTING REMOVALS
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LIGHTING CONTROL GENERAL NOTES:

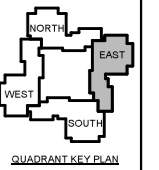
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- ③ TYPICAL LARGE DORM RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D4 ON SHEET E400.
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A1	KEYNOTES- NEW LIGHTING
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Revision Schedule

NOT FOR CONSTRUCTION

JOB NO.
075982

ISSUE

100% CONSTRUCTION DOCUMENTS - ISSUED FOR BIDDING

11/22/2023

TITLE
PHASE 3 THIRD FLOOR LIGHTING REMOVALS & NEW PLANS

SHEET
EL103.3

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LIGHTING BID ALTERNATE NOTES:

ALTERNATE 1- DORM ROOM AND DORM BATHROOM LIGHT FIXTURES

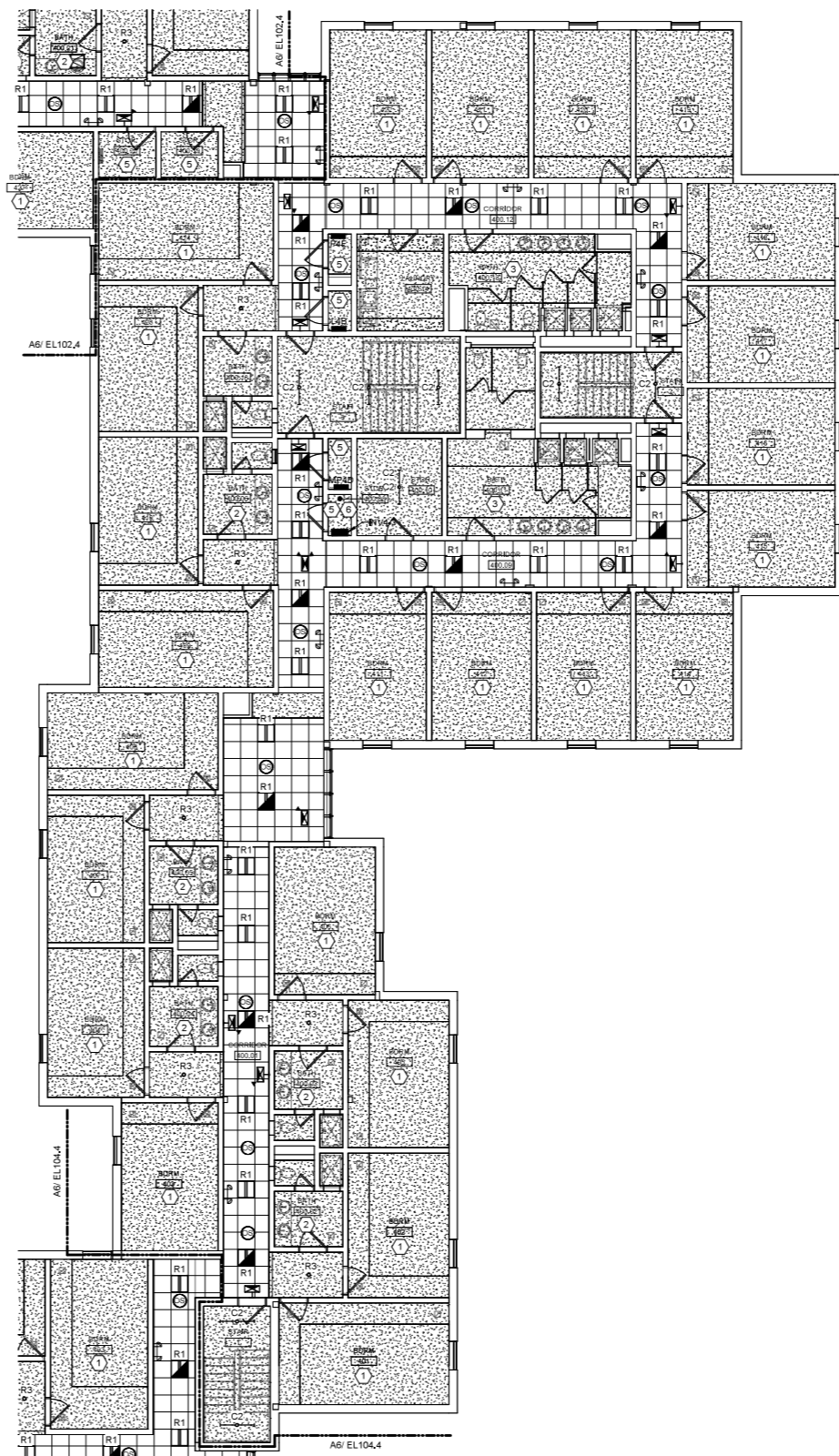
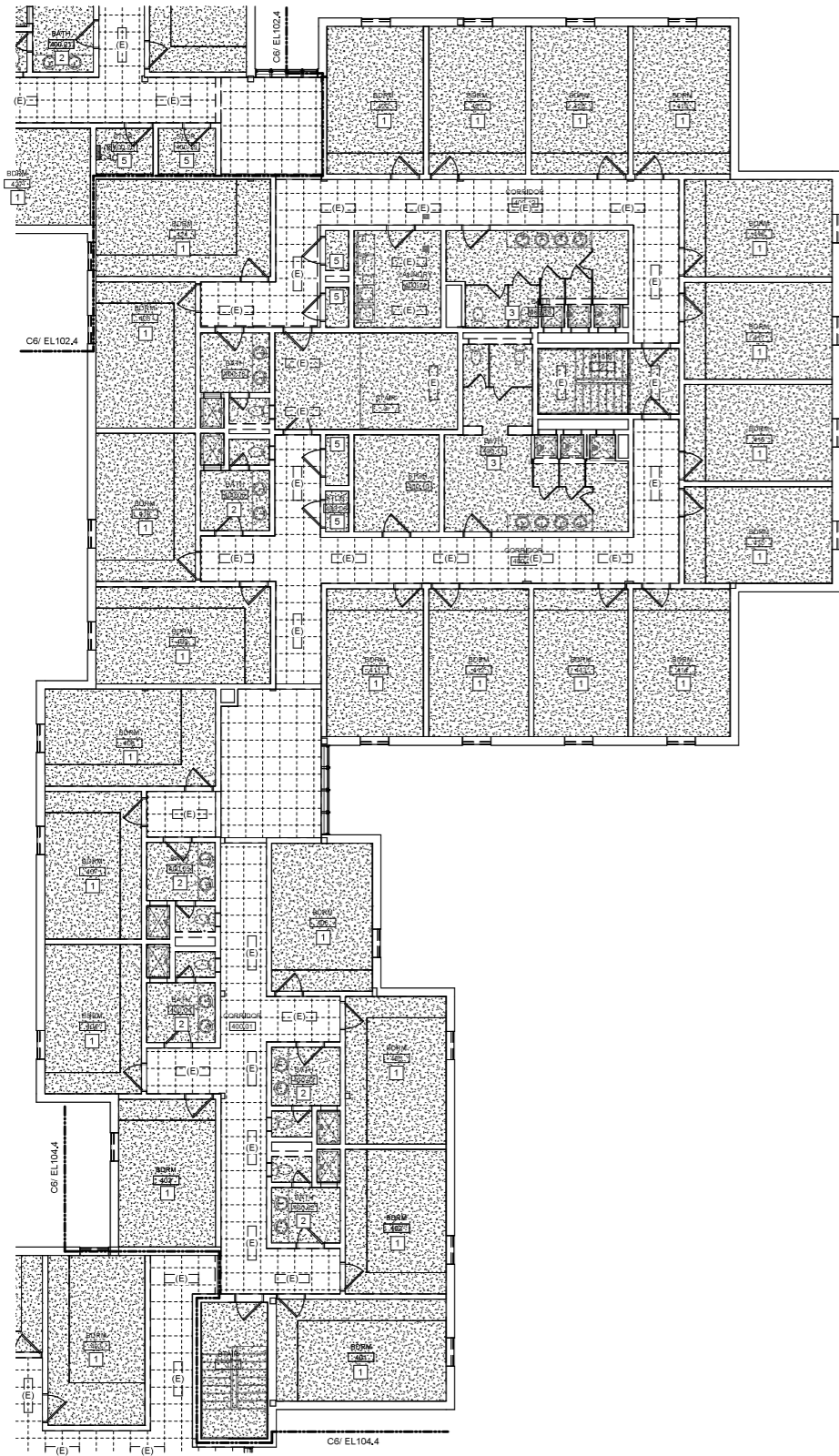
a. BASE BID: EXISTING LIGHT FIXTURES IN DORM ROOMS AND DORM BATHROOMS TO REMAIN OR BE REMOVED AND RE-INSTALLED AS NECESSARY.

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D1	KEYNOTES- LIGHTING REMOVALS
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LIGHTING CONTROL GENERAL NOTES:

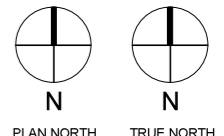
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A1	KEYNOTES- NEW LIGHTING
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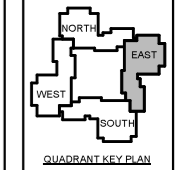
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JOB NO.
075982

ISSUE
100% CONSTRUCTION DOCUMENTS - ISSUED FOR BIDDING
11/22/2023

TITLE
PHASE 3 FOURTH FLOOR LIGHTING REMOVALS & NEW PLANS

SHEET
EL103.4

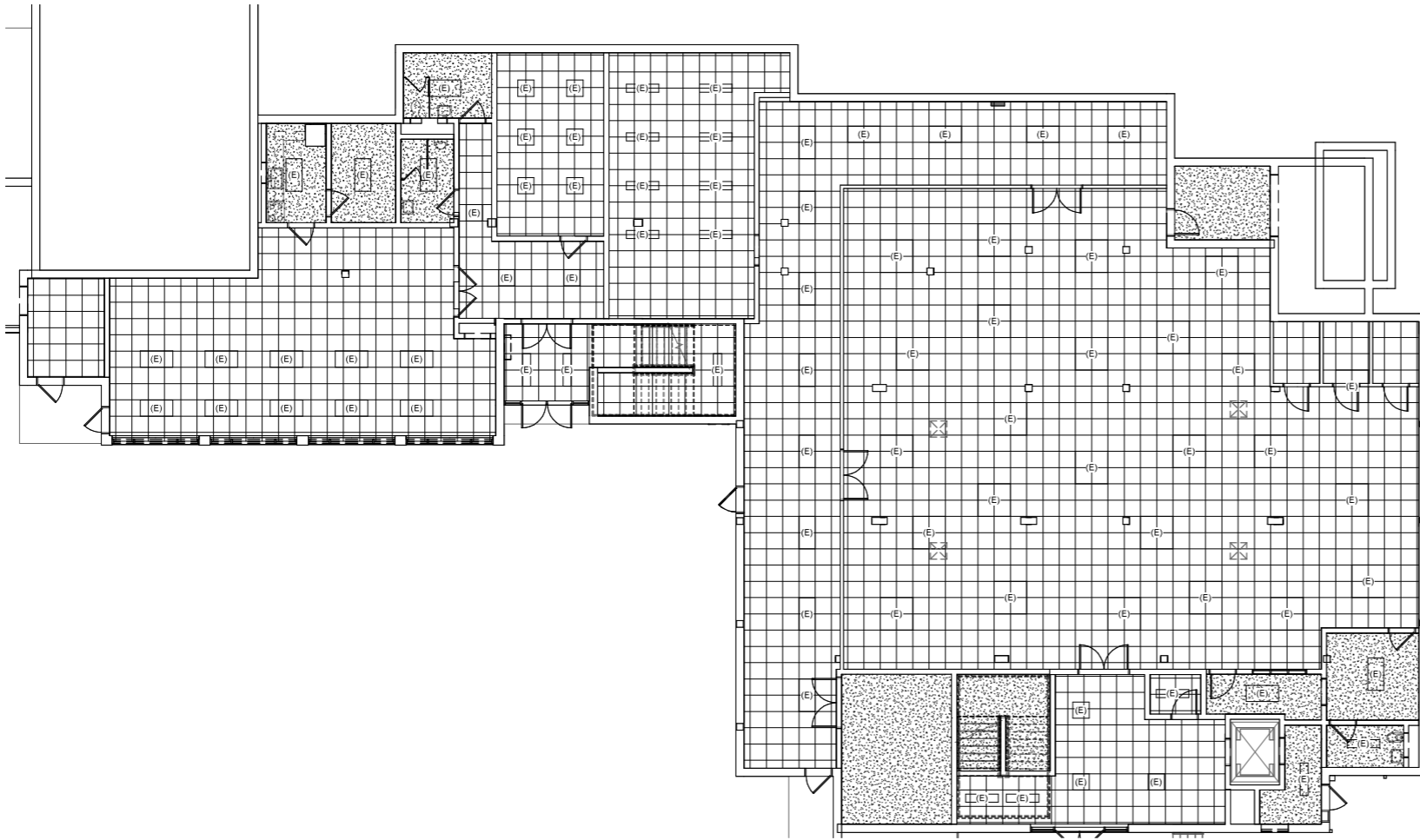
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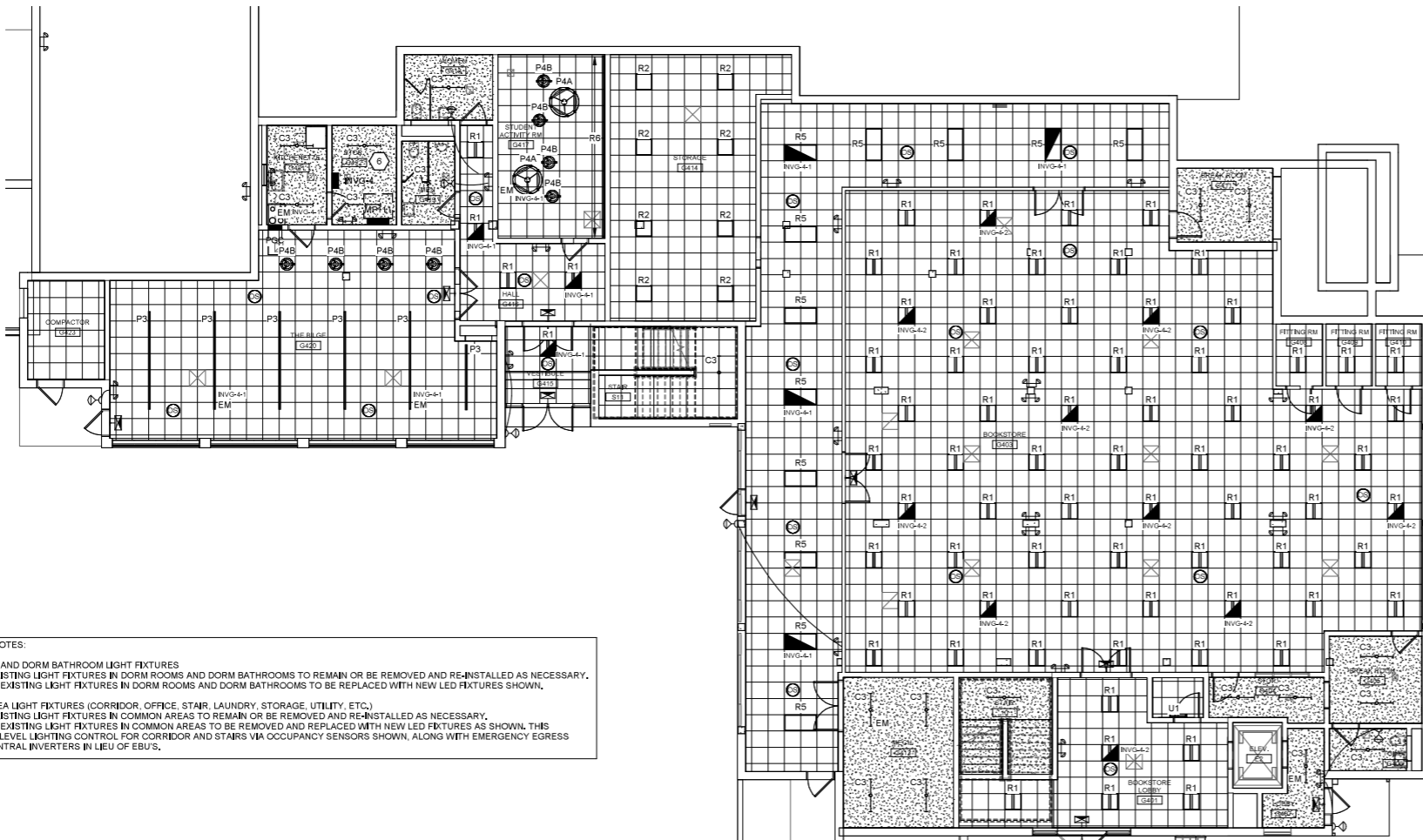
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C6 PHASE 4 GROUND FLOOR ELECTRICAL REMOVALS - LIGHTING RCP
1/8" = 1'-0"

D1 KEYNOTES- LIGHTING REMOVALS

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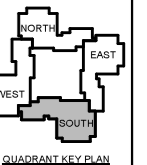
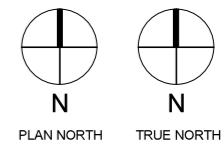


A6 PHASE 4 GROUND FLOOR LIGHTING RCP
1/8" = 1'-0"

A1 KEYNOTES- NEW LIGHTING

- LIGHTING BID ALTERNATE NOTES:**
- ALTERNATE 1- DORM ROOM AND DORM BATHROOM LIGHT FIXTURES
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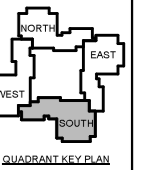
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ISSUE
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TITLE
PHASE 4 GROUND FLOOR LIGHTING REMOVALS & NEW PLANS

SHEET
EL104.0



No.	Date	Description
		Revision Schedule

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JOB NO.
075982

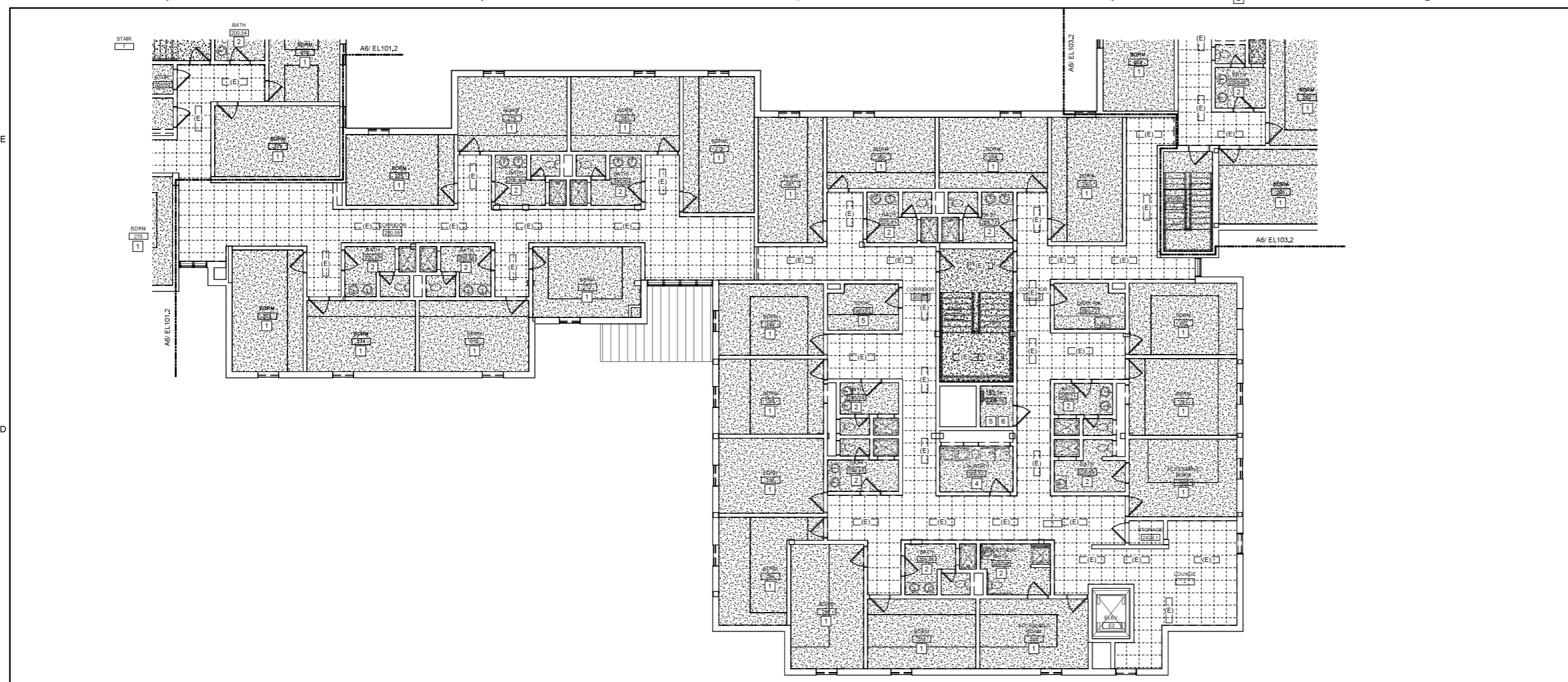
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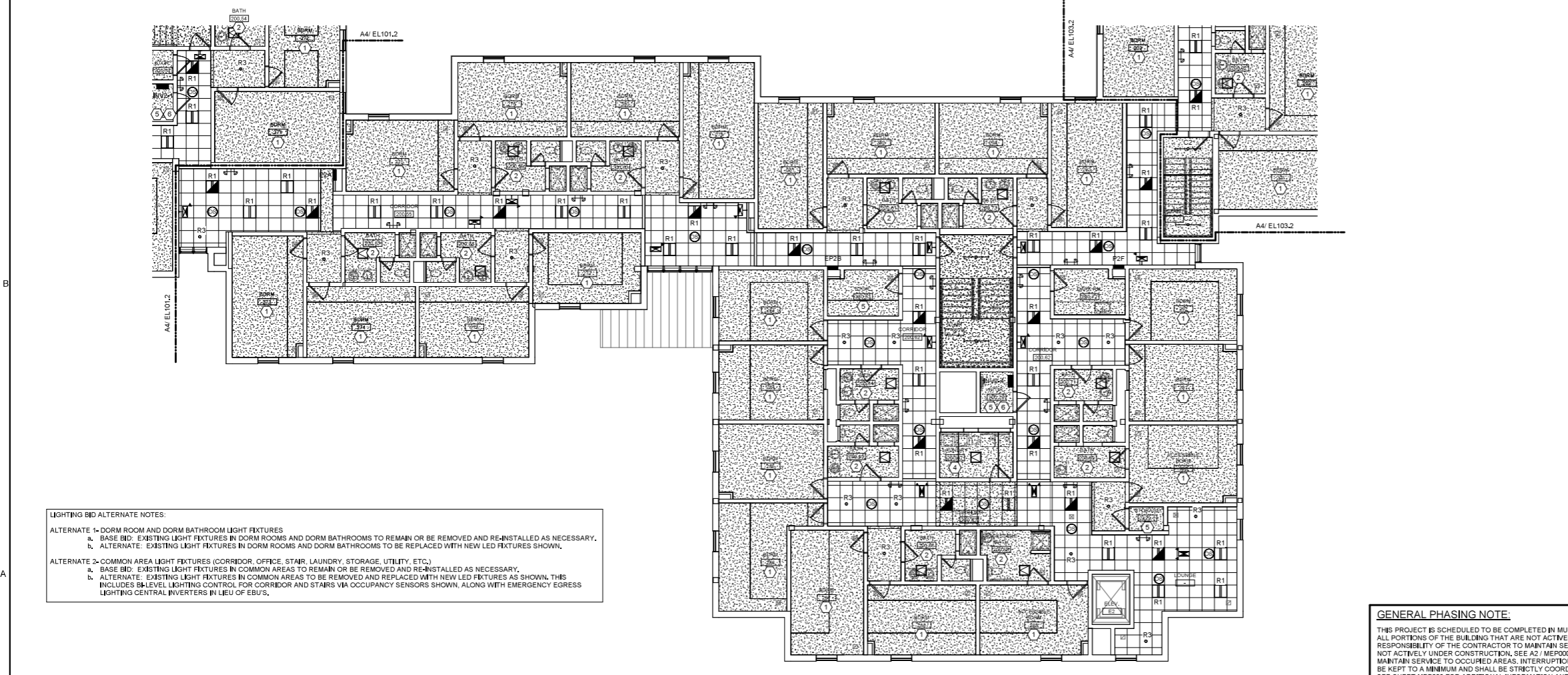
TITLE
PHASE 4 SECOND FLOOR LIGHTING REMOVALS & NEW PLANS

SHEET
EL104.2



C6 PHASE 4 SECOND FLOOR ELECTRICAL REMOVALS - LIGHTING RCP
1/8" = 1'-0"

D1 KEYNOTES- LIGHTING REMOVALS



A6 PHASE 4 SECOND FLOOR LIGHTING RCP
1/8" = 1'-0"

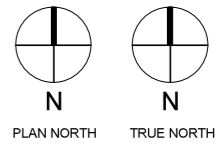
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A1 KEYNOTES- NEW LIGHTING

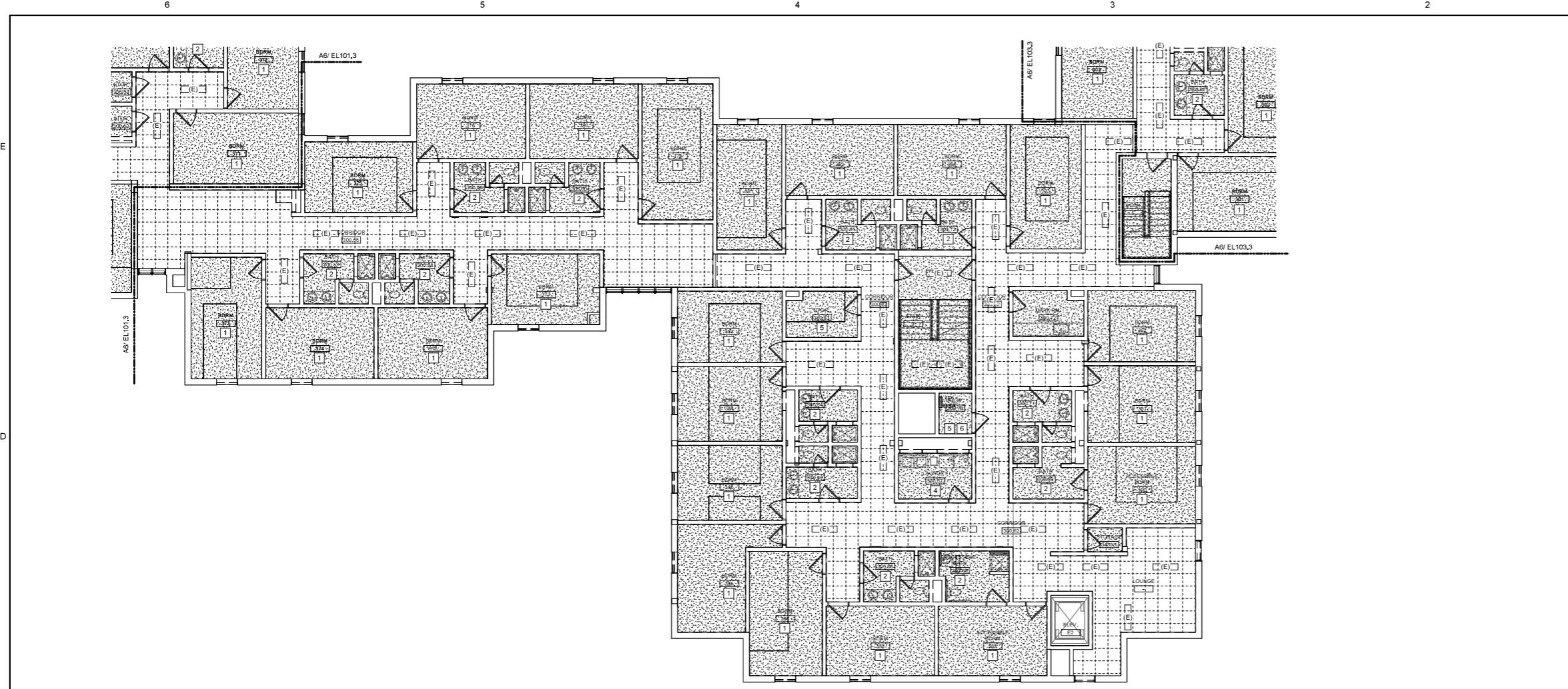
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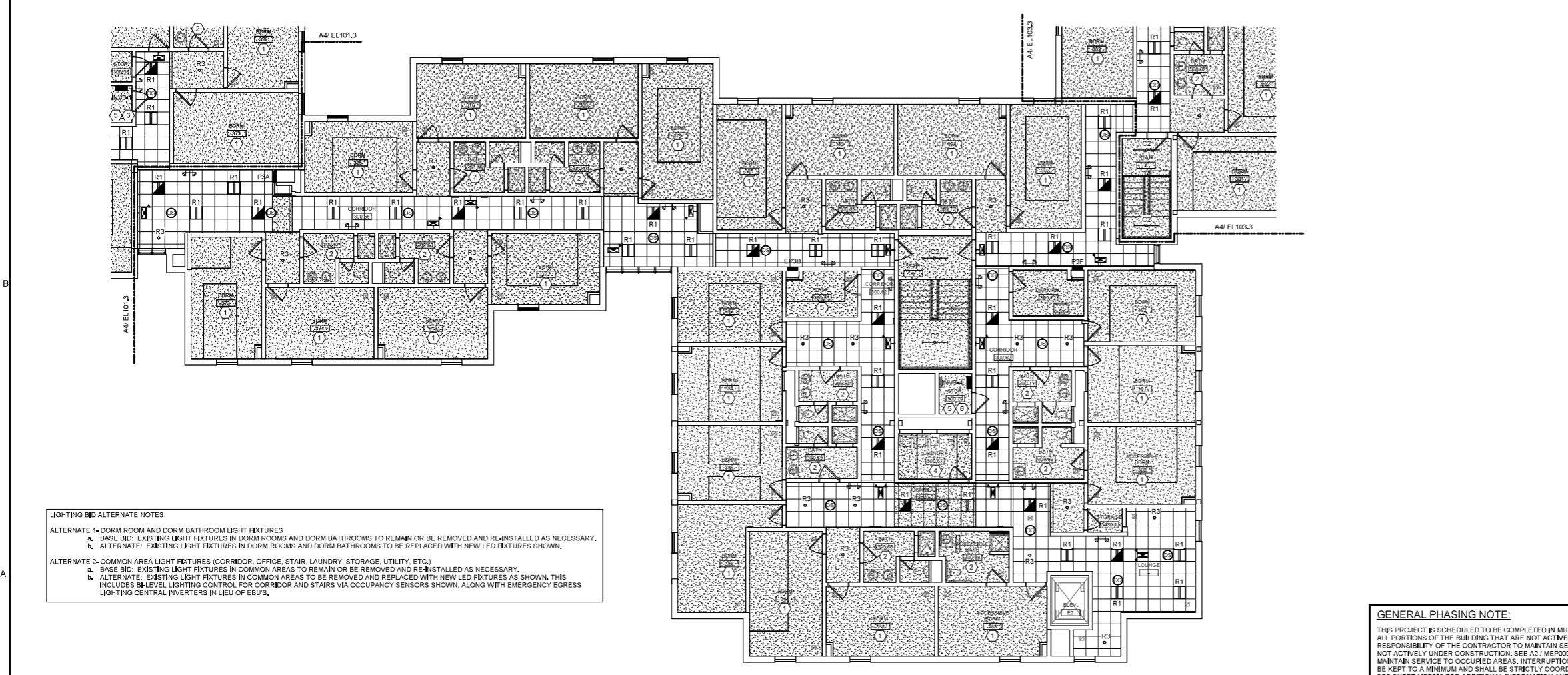
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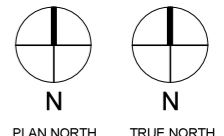


C6 PHASE 4 THIRD FLOOR ELECTRICAL REMOVALS - LIGHTING RCP
1/8" = 1'-0"



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A6 PHASE 4 THIRD FLOOR LIGHTING RCP
1/8" = 1'-0"

D1 KEYNOTES- LIGHTING REMOVALS

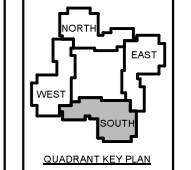
LIGHTING CONTROL GENERAL NOTES:
 1. UNLESS NOTED OTHERWISE, LIGHTING SHALL BE CONNECTED TO EXISTING CIRCUITING AND CONTROLS.
 2. IN STAIRWELLS, LIGHTING SHALL BE CONTINUOUSLY ON AT 50% OUTPUT AND RAISE TO 100% OUTPUT UPON ACTIVATION OF ANY OCCUPANCY SENSOR IN THE STAIRWELL.
 3. IN CORRIDORS, LIGHTING SHALL BE CONTINUOUSLY ON AT 50% OUTPUT AND RAISE TO 100% OUTPUT UPON ACTIVATION OF ANY OCCUPANCY SENSOR IN THE INDICATED SWITCH GROUP.

- ① TYPICAL DORM ROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D6 ON SHEET E400.
- ② TYPICAL SMALL DORM RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D3 ON SHEET E400.
- ③ TYPICAL LARGE DORM RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D4 ON SHEET E400.
- ④ TYPICAL LAUNDRY ROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL X ON SHEET XX.
- ⑤ TYPICAL SMALL STORAGE ROOM OR ELECTRICAL CLOSET- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL X ON SHEET XX.
- ⑥ CENTRAL INVERTER TO BE LOCATED IN THIS ROOM. THIS INVERTER SHALL SERVE ALL EMERGENCY LIGHTS ON THIS FLOOR WITHIN THE BOUNDARIES OF THIS PHASE.
- ⑦ TYPICAL SMALL RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D5 ON SHEET E400.

A1 KEYNOTES- NEW LIGHTING

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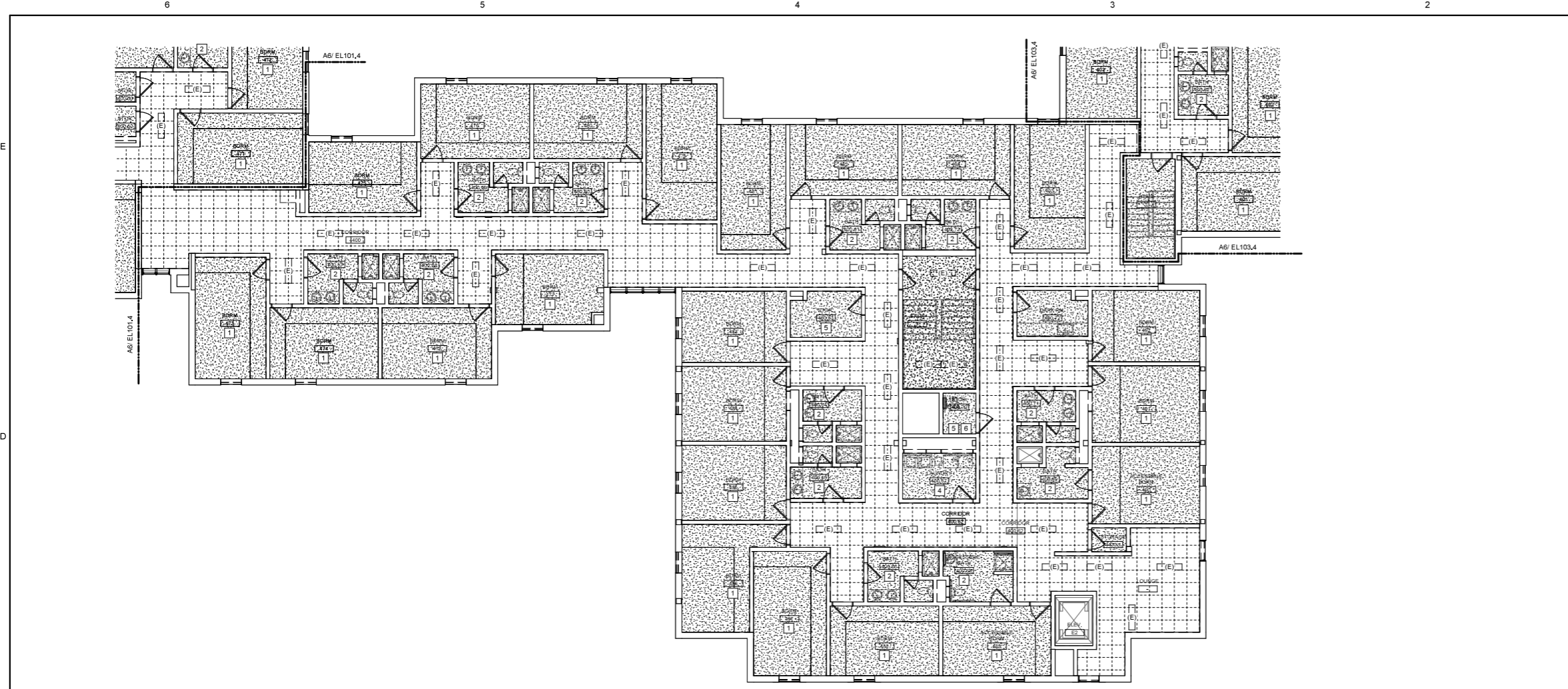
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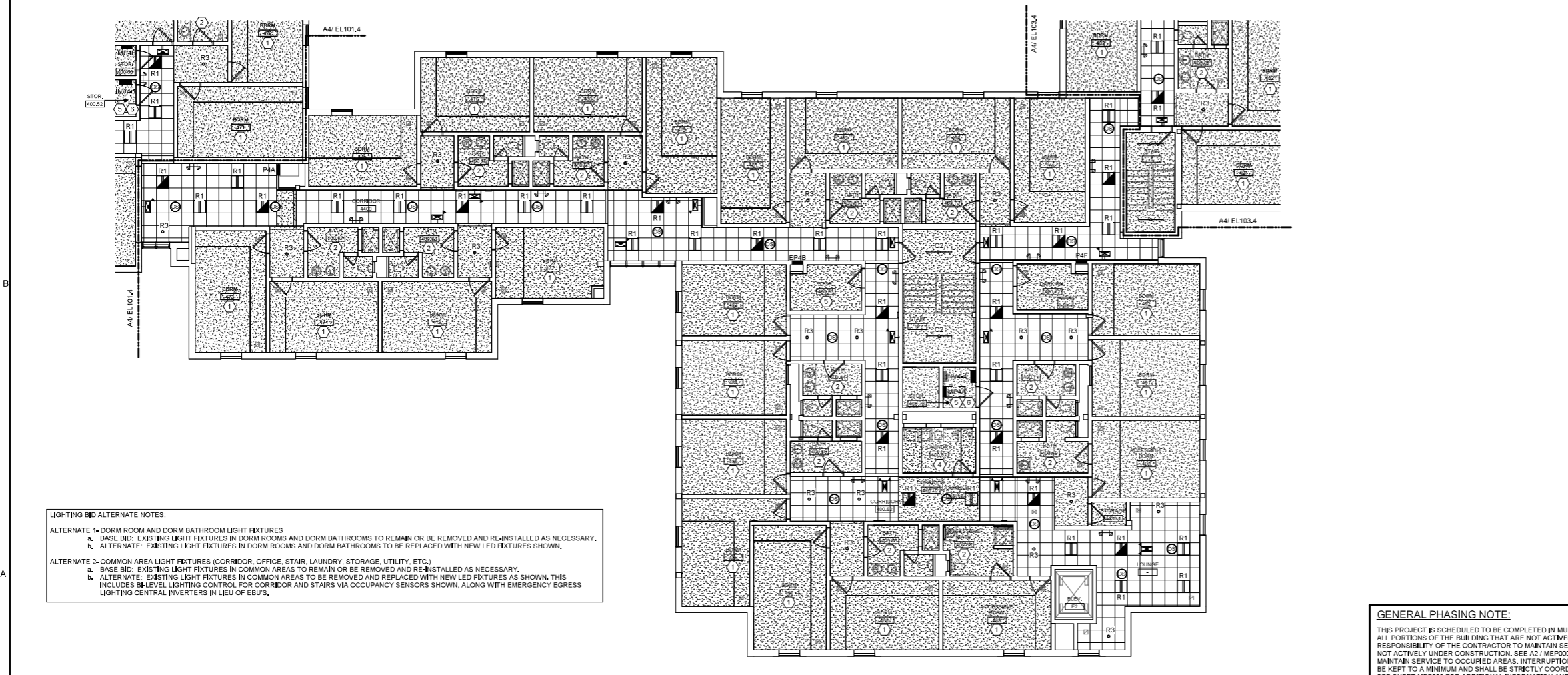
11/22/2023

TITLE
PHASE 4 THIRD FLOOR LIGHTING REMOVALS & NEW PLANS

SHEET
EL104.3



C6 PHASE 4 FOURTH FLOOR ELECTRICAL REMOVALS - LIGHTING RCP
1/8" = 1'-0"



A6 PHASE 4 FOURTH FLOOR LIGHTING RCP
1/8" = 1'-0"

LIGHTING BID ALTERNATE NOTES

ALTERNATE 1- DORM ROOM AND DORM BATHROOM LIGHT FIXTURES
 a. BASE BID: EXISTING LIGHT FIXTURES IN DORM ROOMS AND DORM BATHROOMS TO REMAIN OR BE REMOVED AND RE-INSTALLED AS NECESSARY.
 b. ALTERNATE: EXISTING LIGHT FIXTURES IN DORM ROOMS AND DORM BATHROOMS TO BE REPLACED WITH NEW LED FIXTURES SHOWN.

ALTERNATE 2- COMMON AREA LIGHT FIXTURES (CORRIDOR, OFFICE, STAIR, LAUNDRY, STORAGE, UTILITY, ETC.)
 a. BASE BID: EXISTING LIGHT FIXTURES IN COMMON AREAS TO REMAIN OR BE REMOVED AND RE-INSTALLED AS NECESSARY.
 b. ALTERNATE: EXISTING LIGHT FIXTURES IN COMMON AREAS TO BE REMOVED AND REPLACED WITH NEW LED FIXTURES AS SHOWN. THIS INCLUDES BI-LEVEL LIGHTING CONTROL FOR CORRIDOR AND STAIRS VIA OCCUPANCY SENSORS SHOWN, ALONG WITH EMERGENCY EGRESS LIGHTING CENTRAL INVERTERS IN LIEU OF EBUS.

D1 KEYNOTES- LIGHTING REMOVALS

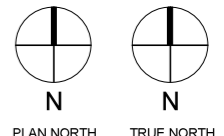
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- ① TYPICAL DORM ROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D6 ON SHEET E400.
- ② TYPICAL SMALL DORM RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D3 ON SHEET E400.
- ③ TYPICAL LARGE DORM RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D4 ON SHEET E400.
- ④ TYPICAL LAUNDRY ROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL X ON SHEET XX.
- ⑤ TYPICAL SMALL STORAGE ROOM OR ELECTRICAL CLOSET- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL X ON SHEET XX.
- ⑥ CENTRAL INVERTER TO BE LOCATED IN THIS ROOM. THIS INVERTER SHALL SERVE ALL EMERGENCY LIGHTS ON THIS FLOOR WITHIN THE BOUNDARIES OF THIS PHASE.
- ⑦ TYPICAL SMALL RESTROOM- MOUNT NEW FIXTURES IN SAME PLACE AS EXISTING FIXTURES BEING REMOVED, REFER TO DETAIL D5 ON SHEET E400.

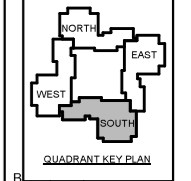
A1 KEYNOTES- NEW LIGHTING

GENERAL PHASING NOTE:
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11/22/2023

TITLE
PHASE 4 FOURTH FLOOR LIGHTING REMOVALS & NEW PLANS

SHEET
EL104.4

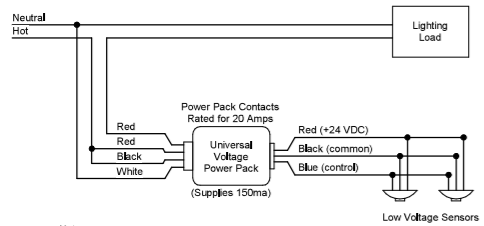
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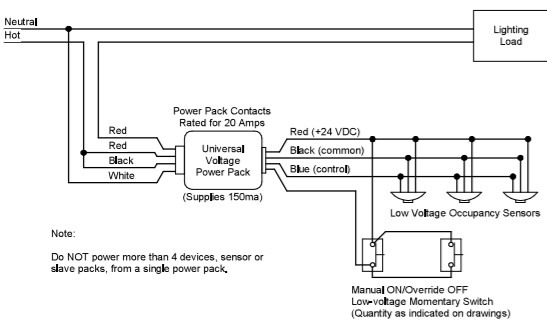
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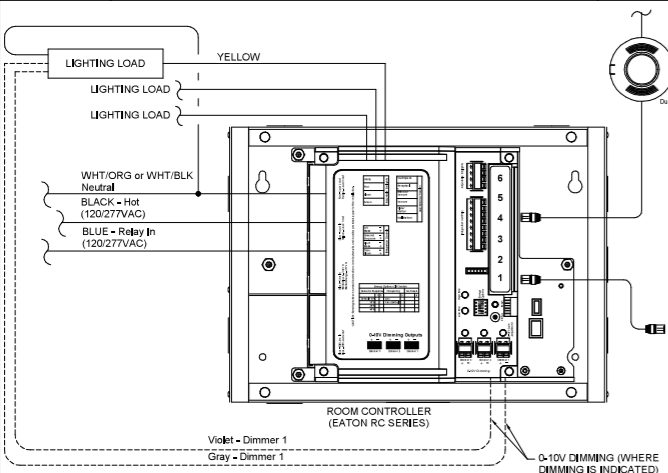
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C5 LIGHTING CONTROL DETAIL - NOTE 5



B5 LIGHTING CONTROL DETAIL - NOTE 1



A5 ROOM CONTROLLER DETAIL - NOTE 8

- CATALOG SERIES NUMBERS ARE USED TO ESTABLISH A LEVEL OF QUALITY AND NOT INTENDED TO LIMIT COMPETITION. SERIES NUMBERS ARE NOT COMPLETE CATALOG NUMBERS. COMPLY WITH ADDITIONAL REQUIREMENTS IN SPECIFICATIONS AND DRAWINGS.
- FIELD DIMENSION WALL COVE, WALL VALEANCE AND WALL SLOT LIGHTING PRIOR TO ORDERING TO ENSURE PROPER FIXTURE LENGTHS. NOTIFY ARCHITECT OF ANY DISCREPANCIES IN LENGTHS SHOWN ON DRAWINGS AND ACTUAL FIELD DIMENSIONS. ADJUST LENGTHS OF ANY SPECIFIED FIXTURE AS DIRECTED BY ARCHITECT.
- EXCEPT AS INDICATED OTHERWISE ON FIXTURE SCHEDULE, SUSPENDED LIGHT FIXTURES SHALL BE FURNISHED AND INSTALLED COMPLETE WITH STEEL STEM SETS, AND PIECES AND ALIGNERS WITH ALIGNER TYPE CANOPIES AS MANUFACTURED BY RESPECTIVE FIXTURE MANUFACTURER.
- PENDANT MOUNTING HEIGHTS ARE TO BOTTOM OF FIXTURE. VERIFY EXACT MOUNTING HEIGHTS OF PENDANT FIXTURES WITH ARCHITECT PRIOR TO ROUGHING.
- WALL MOUNT FIXTURE HEIGHTS ARE TO CENTERLINE UNLESS NOTED OTHERWISE. VERIFY EXACT MOUNTING HEIGHTS AND LOCATIONS OF WALL MOUNTED LIGHTING WITH ARCHITECT PRIOR TO ROUGHING.
- REFER TO REFLECTED CEILING PLANS FOR EXACT LOCATION OF CEILING MOUNTED LIGHTING AND DEVICES.
- PROVIDE TRIM AND MOUNTING ACCESSORIES FOR RECESSED LIGHTING FIXTURES WHICH ARE COMPATIBLE WITH THE TYPE OF CEILING CONSTRUCTION IN WHICH THEY ARE TO BE MOUNTED. REFER TO REFLECTED CEILING PLANS AND ROOM FINISH SCHEDULES.
- LIGHT FIXTURE LOCATIONS IN MECHANICAL ROOMS AND ELECTRIC ROOMS ARE APPROXIMATE. INSTALL LIGHTING TO AVOID DUCTWORK, PIPING AND ELECTRICAL ITEMS.
- PENDANT LINEAR FIXTURES SHALL SATISFY LENGTHS SHOWN ON DRAWINGS.
- PROVIDE WIRE GUARDS WHERE INDICATED ON FLOOR PLANS.

B4 LUMINAIRE SCHEDULE GENERAL NOTES

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MFR	CATALOG SERIES NUMBER - (SEE NOTES 1 AND 2)	MOUNTING	VOLTS	LAMP/LIGHT ENGINE			
						WATTS	DELIVERED LUMENS	CRI	TYPE
C1	SURFACE MOUNTED LED - DORM ROOMS	KUZCO	FM3522	CEILING SURFACE	120	45	3785	80	LED ARRAY 3500K
C2	SURFACE MOUNTED LED WITH INTEGRAL OCCUPANCY SENSOR & EMERGENCY BATTERY - STAIRWELLS	ORACLE	4-OC1-LED-4000L-DIM10M/VOLT-35K-85-0-EMG-LED-10W-FS-205	CEILING SURFACE	120	27	3489	85	LED ARRAY 3500K
C3	SURFACE MOUNTED LED - BATHROOMS	ORACLE	4-OC1-LED-5000L-DIM10M/VOLT-35K-85	CEILING SURFACE	120	37	4842	85	LED ARRAY 3500K
R1	2x2 ARCHITECTURAL TROFFER	ORACLE	22-OVHP-LED-3400L-DIM10M/VOLT-35K-85	RECESSED	120	30	3771	85	LED ARRAY 3500K
R2	2x2 LED FLAT PANEL	ORACLE	22-FPL1-LED-3000L-DIM10M/VOLT-35K-85	RECESSED	120	31	3632	85	LED ARRAY 3500K
R3	4" RECESSED DOWNLIGHT, 60 DEG. (WIDE) DISTRIBUTION	MAXLUME	HH4-LED-1200L-DIM10-35K-HH4-501-CL-VH-WD	RECESSED	120	14	1208	80	LED ARRAY 3500K
R4	3" WIDE RECESSED LINEAR, 4" LONG	CORONET	LSR3-4-35-4-0V-UNV-DB-**-FL	RECESSED	120	20	2020	90	LED ARRAY 3500K
R5	2x4 LED FLAT PANEL	ORACLE	24-FPL1-LED-5000L-DIM10M/VOLT-35K-85	RECESSED	120	52	5877	80	LED ARRAY 3500K
R6	2" PERIMETER FIXTURE	CORONET	PG2-35-4-0V-UNV-DB-**-2"RG	RECESSED	120	5W/ft.	405 lum/ft.	80	LED ARRAY 3500K
R7	6" VANDAL RESISTANT DOWNLIGHT	LITON	DL36RX-L15-T35	RECESSED	120	14	1500	80	LED ARRAY 3500K
R8	1" RECESSED DOWNLIGHT	ELITE	A1R-TL1-102xLED-1000L-MID-35K-90-XX (A1R-LED-19WxCM10M/VOLT-35K-85)	RECESSED	120	14	1008	90	LED ARRAY 3500K
S1	5" SLIM SURFACE MOUNTED SHOWER LIGHT, NON-CONDUCTIVE	LITON	LCMPD5R-TS35-PC	CEILING SURFACE	120	11	919	90	LED ARRAY 3500K
S2	2" LINEAR SURFACE GRID-MOUNTED	DALUME	DCG1x2-9W-35K-UD-XX	CEILING SURFACE	120	18	1228	80	LED ARRAY 3500K
S3	BENDABLE COVE FIXTURE	ACOLYTE	NLSP-4-535	COVE	120	4.5W/ft.	277 lum/ft.	80	LED ARRAY 3500K
P1A	DECORATIVE PENDANT	LUXE BOX	LX-L-L'-35-INV	PENDANT 7'-0" AFF	120	25	2066	80	LED ARRAY 3500K
P1B	DECORATIVE PENDANT	LUXE BOX	LX-L-L'-35-INV	PENDANT 6'-0" AFF	120	25	2066	80	LED ARRAY 3500K
P2	ENTRY CHANDELER PENDANT (BRUN)	KUZCO	CH24755-XX	PENDANT 8'-0" AFF	120	115	4650	90	LED ARRAY 3500K
P3	LINEAR PENDANT	CORONET	LS2 UPDN-35-4-0V-UNV-DB-**-AC-9M-FL-9B-FL	PENDANT 8'-0" AFF	120	10W/ft.	535 ft. LUMEN 482 ft. DIR	80	LED ARRAY 3500K
P4A	DECORATIVE PENDANT	ARANCIA	P45-43-L-N-S-U-U-C-10-R7-**-	PENDANT 8'-0" AFF	120	36	3180	80	LED ARRAY 3500K
P4B	DECORATIVE PENDANT	ARANCIA	P44-21-L-N-S-U-U-C-5-R7-**-	PENDANT 8'-0" AFF	120	12	1000	80	LED ARRAY 3500K
U1	UTILITY STRIP, 2' LONG	ORACLE	2-OC1-LED-3000L-DIM10M/VOLT-35K-85	SURFACE	120	23	3176	80	LED ARRAY 3500K
U2	UTILITY STRIP, 4' LONG	ORACLE	4-OC1-LED-5000L-DIM10M/VOLT-35K-85	SURFACE	120	37	4842	80	LED ARRAY 3500K
W1	WALL MOUNTED CORNER LINEAR, BATHROOM VANITY	AXIS	ELSC-AR-750-80-35-CLS-*	WALL SURFACE TIGHT TO CEILING	120	30.42	3011	80	LED ARRAY 3500K
EBU	LED EMERGENCY BATTERY LIGHT	TELESIS	TCS-WAL63	WALL 7'-0" AFF	120				LED ARRAY
X1	EXIT SIGN WITH BATTERY BACKUP, LESS THAN 8" TALL	TELESIS	TLX-EM-GU-W	WALL OR CEILING SEE PLAN					LED ARRAY
INV	720W CENTRAL INVERTER WITH DIMMING OVERRIDE AND (4) OUTPUT CIRCUIT BREAKERS	EMERGH-LITE	EMN-720-4	WALL SEE PLAN	120				

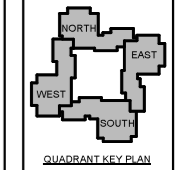
NOTES

- THESE NUMBERS ARE NOT COMPLETE CATALOG NUMBERS. PROVIDE ALL REQUIREMENTS ON SCHEDULE, NOTES, SPECS, AND DRAWINGS COMBINED.
- CATALOG SERIES NUMBERS ARE USED TO ESTABLISH A LEVEL OF QUALITY AND NOT INTENDED TO LIMIT COMPETITION.
- VERIFY CEILING STRUCTURE AND MOUNTING HEIGHT PRIOR TO ORDERING ANY LIGHT FIXTURES.
- PROVIDE WALL, CEILING, OR PENDANT MOUNTING AS INDICATED ON PLANS, PROVIDE NUMBER OF FACES AND ARROWS AS INDICATED.
- COORDINATE LENGTH WITH CASINGWORK & CABINET DETAILS.
- FINISH TO BE SELECTED BY THE ARCHITECT FROM MANUFACTURER'S STANDARD OPTIONS.
- PROVIDE REMOTE HEADS WHERE SHOWN ON PLANS.
- MOUNT 6" BELOW FINISHED CEILING IN AREAS WHERE SCHEDULED MOUNTING HEIGHT CANNOT BE ACHIEVED.
- PROVIDE FIXTURE WITH INTEGRAL OCCUPANCY SENSOR OPTION, FIXTURE SHALL OPERATE UNDER NORMAL CONDITIONS AT 50% OUTPUT, UPON MOTION DETECTION OR FIRE ALARM OR NORMAL POWER LOSS, FIXTURE SHALL AUTOMATICALLY BRIGHTEN TO FULL OUTPUT.
- IF ALTERNATE #2 IS ACCEPTED, PROVIDE CENTRAL INVERTERS IN LIEU OF EBU EMERGENCY LIGHTS.
- PROVIDE FIXTURE IN LENGTH AND ARRANGEMENT SHOWN ON PLANS.



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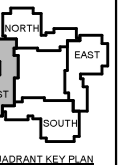
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TITLE
LIGHTING FIXTURE SCHEDULE, NOTES AND DETAILS

SHEET
EL600



No.	Date	Description
		Revision Schedule

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ISSUE
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TITLE
PHASE 1 GROUND FLOOR (ROOMS LEVEL) POWER & SYSTEMS REMOVALS & NEW PLANS

SHEET
EP101.0

D1 KEYNOTES- POWER & SYSTEMS REMOVALS

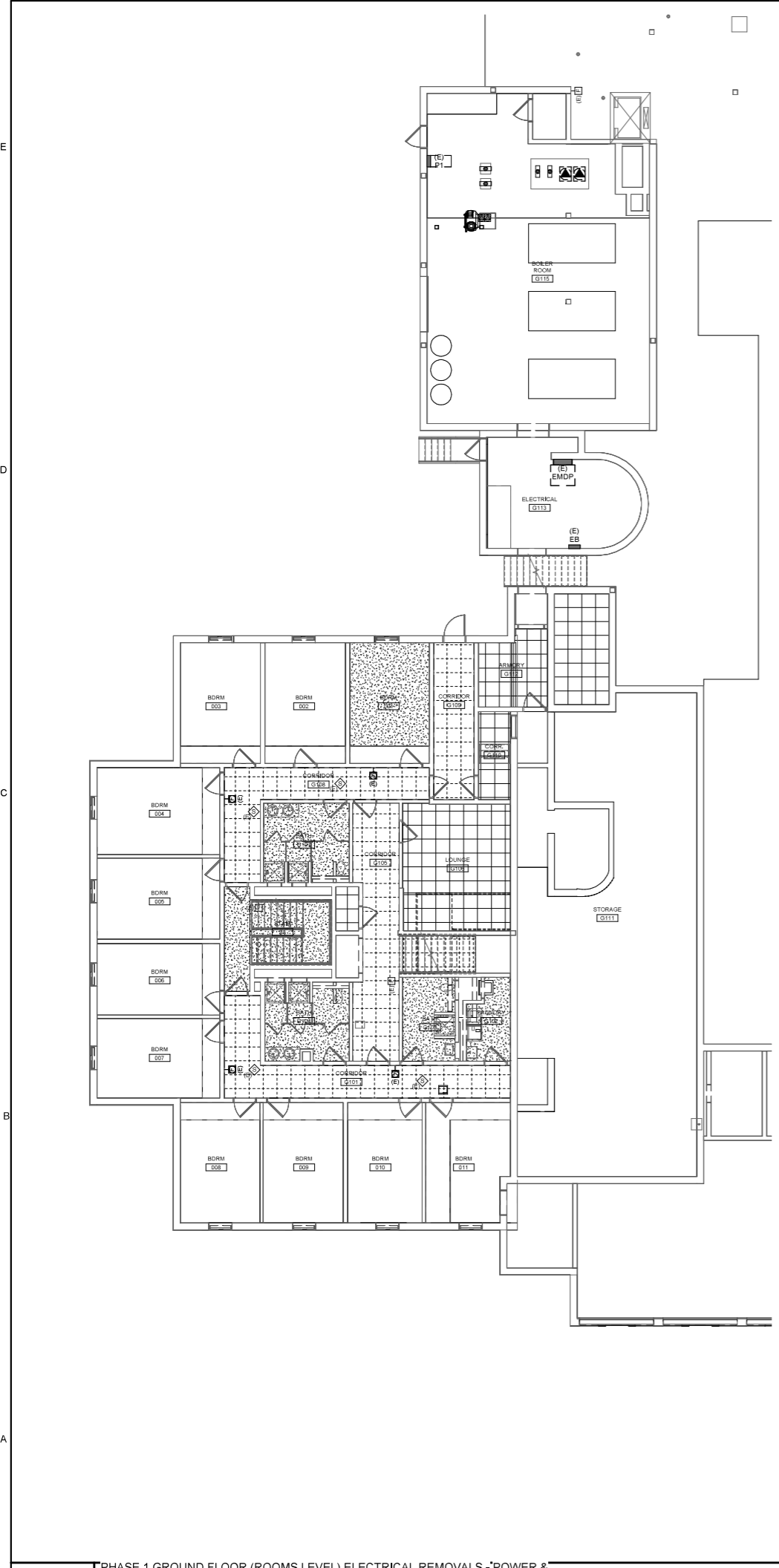
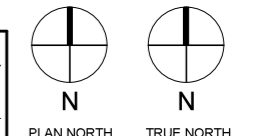
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A1 KEYNOTES - NEW POWER & SYSTEMS

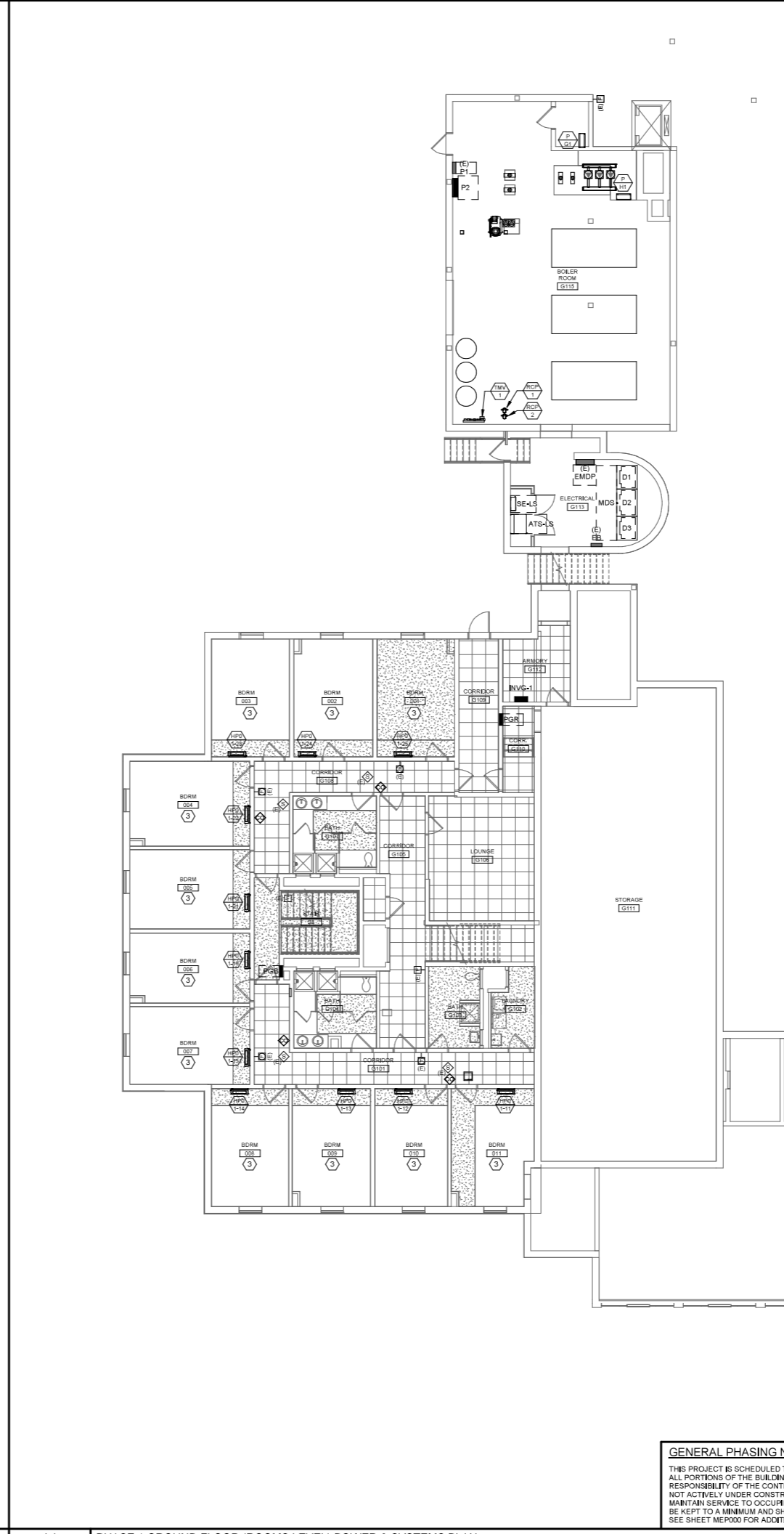
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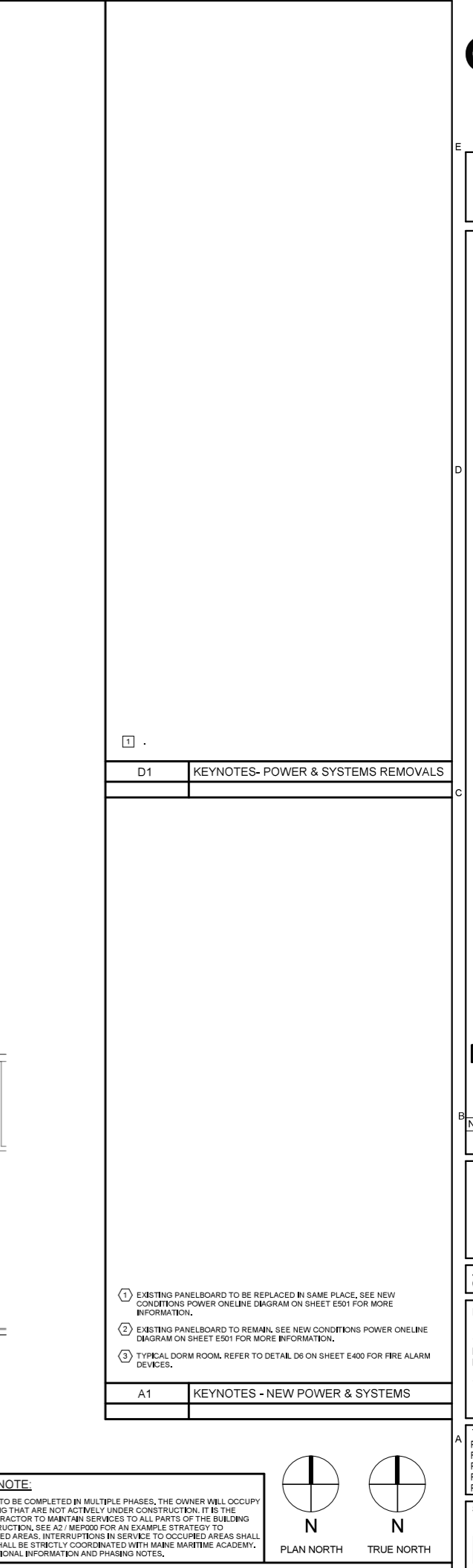
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A6 PHASE 1 GROUND FLOOR (ROOMS LEVEL) ELECTRICAL REMOVALS - POWER & SYSTEMS
1/8" = 1'-0"



A4 PHASE 1 GROUND FLOOR (ROOMS LEVEL) POWER & SYSTEMS PLAN
1/8" = 1'-0"



A1 KEYNOTES - NEW POWER & SYSTEMS

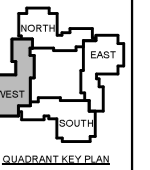
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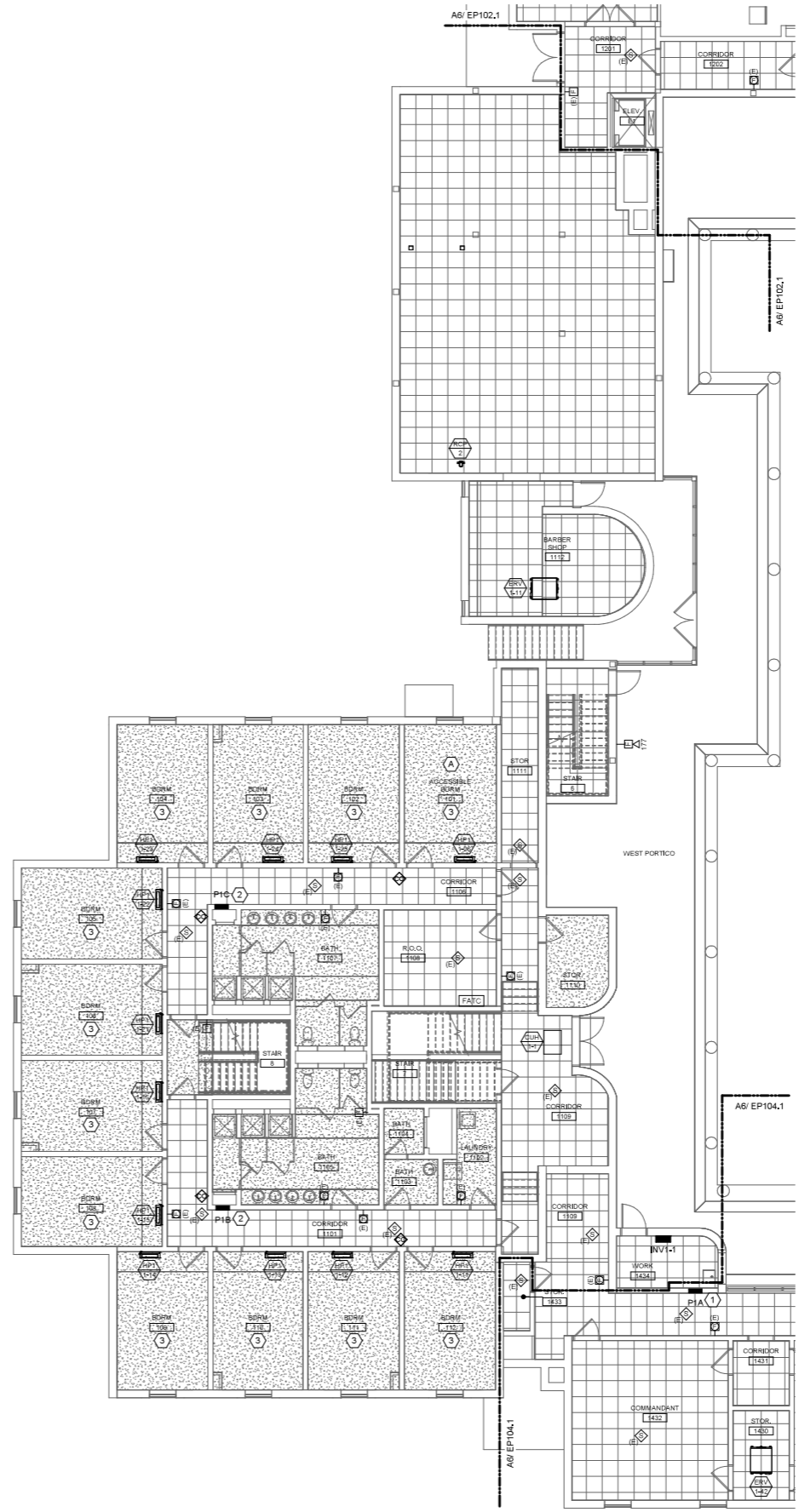
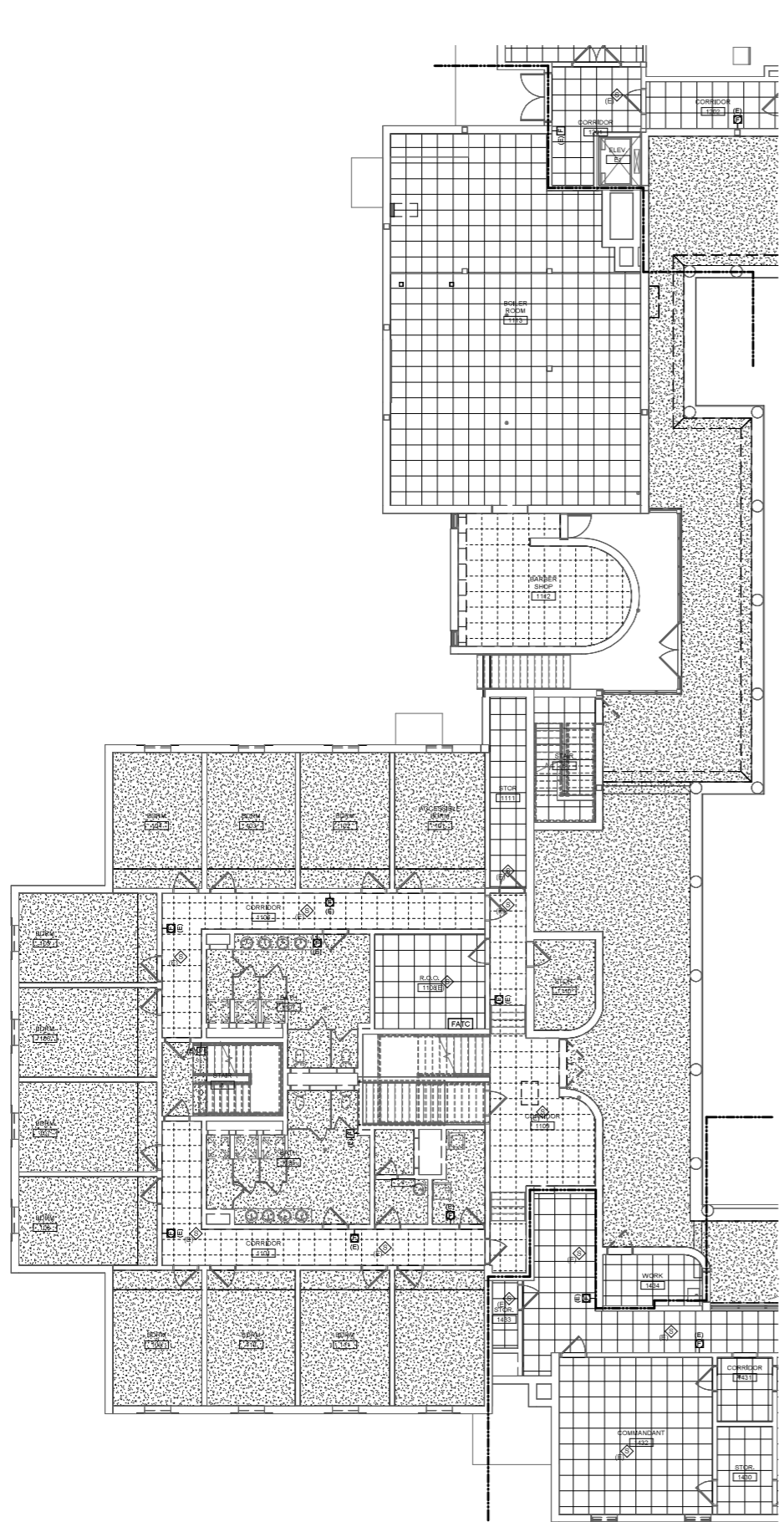
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TITLE
PHASE 1 FIRST FLOOR
POWER & SYSTEMS
REMOVALS & NEW
PLANS

SHEET

EP101.1



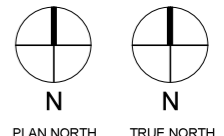
D1 KEYNOTES- POWER & SYSTEMS REMOVALS

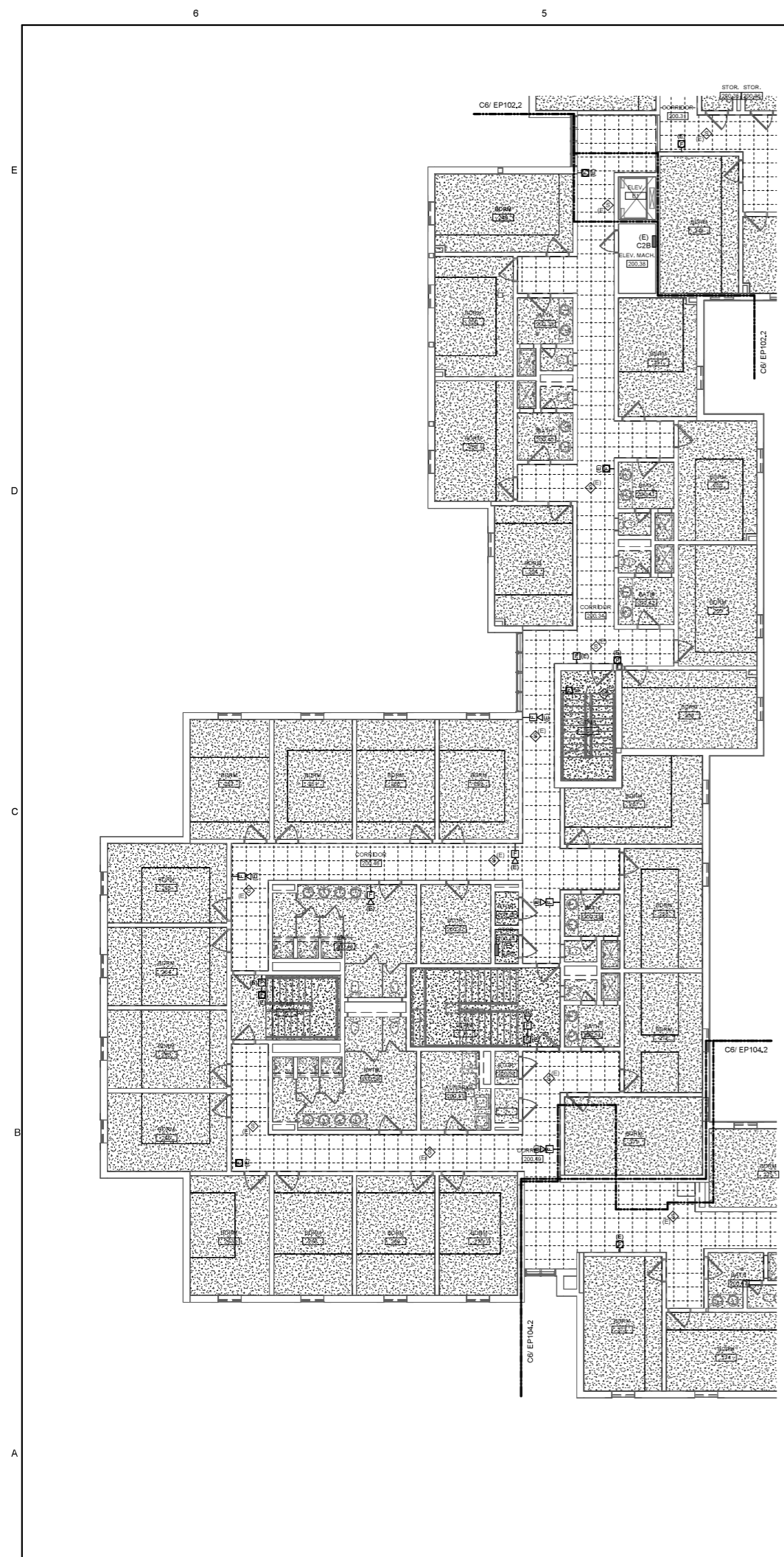
- (A) REQUIREMENTS FOR ADA ACCESSIBLE ROOMS:**
- PROVIDE A JUNCTION BOX TO BE INSTALLED IN THE ROOM FOR WALL MOUNTED DOOR COMMUNICATION A/V DEVICE (FLASHING LIGHT/BUZZER) AND ONE OUTSIDE FOR A PUSHBUTTON (DOORBELL). THE SYSTEM SHALL BE SPECIFIED BY THE ARCHITECT. INSTALLED AND WIRED BY THE EC. THE POWER FOR THE LOW VOLTAGE STEP DOWN TRANSFORMER SHALL BE EXTENDED FROM THE RECEPTACLE CIRCUIT SERVING THE RESPECTIVE DORM ROOM.
 - PROVIDE AN ADDRESSABLE CONTROL RELAY BASE WITH THE SMOKE DETECTOR IN THE ROOM FOR PROVISIONS OF SIGNAL TO ACTIVATE A 'BED SHAKER' DEVICE. THE SYSTEM SHALL BE SPECIFIED BY THE ARCHITECT. INSTALLED AND WIRED BY THE EC. THE POWER FOR THE LOW VOLTAGE STEP DOWN TRANSFORMER FOR THIS DEVICE SHALL ALSO BE EXTENDED FROM THE RECEPTACLE CIRCUIT SERVING THE RESPECTIVE DORM ROOM.

- (1)** EXISTING PANELBOARD TO BE REPLACED IN SAME PLACE, SEE NEW CONDITIONS POWER ONLINE DIAGRAM ON SHEET E501 FOR MORE INFORMATION.
- (2)** EXISTING PANELBOARD TO REMAIN. SEE NEW CONDITIONS POWER ONLINE DIAGRAM ON SHEET E501 FOR MORE INFORMATION.
- (3)** TYPICAL DORM ROOM. REFER TO DETAIL D6 ON SHEET E400 FOR FIRE ALARM DEVICES.

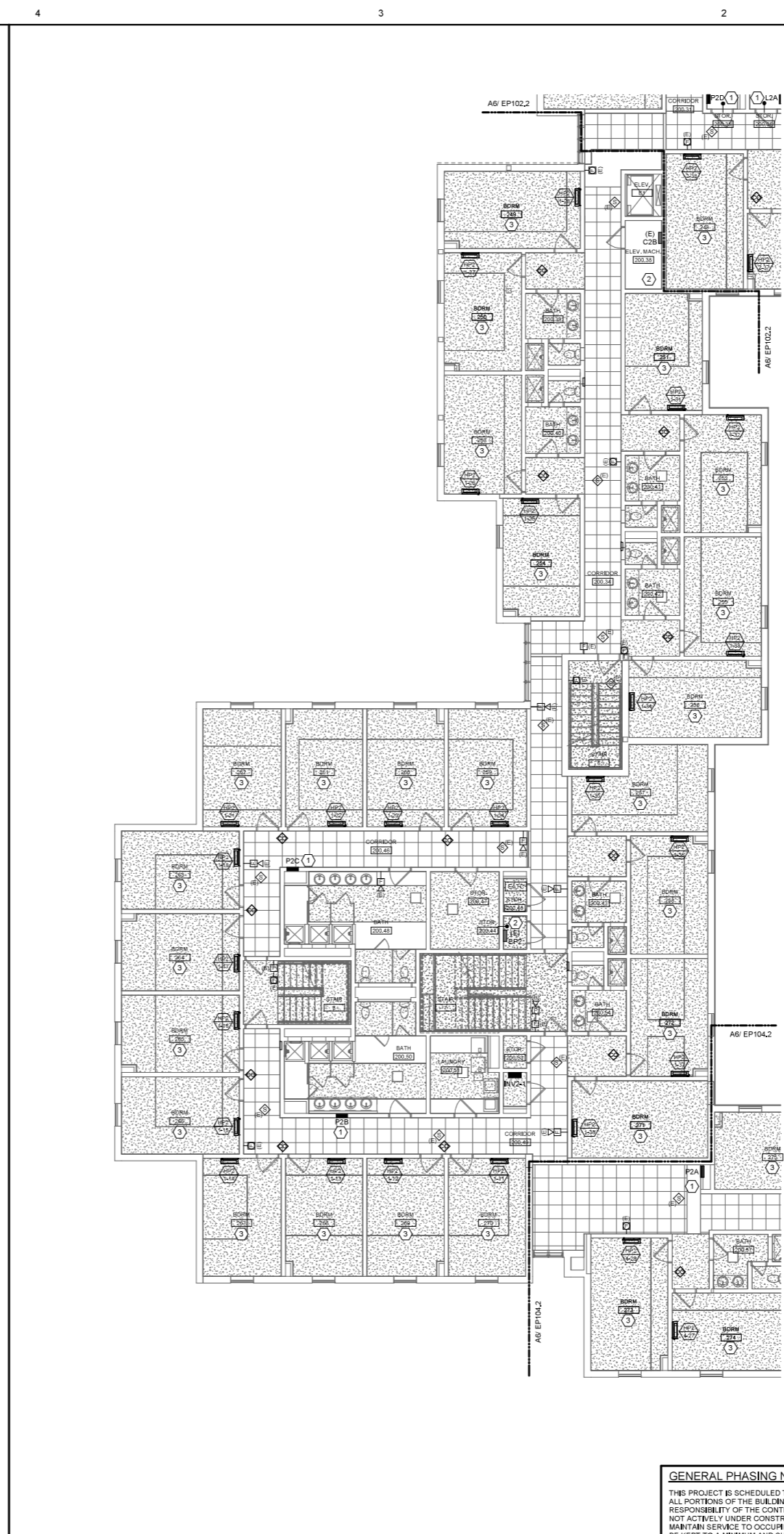
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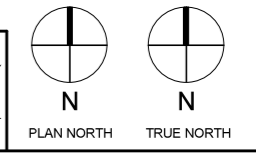


A6 PHASE 1 SECOND FLOOR ELECTRICAL REMOVALS - POWER & SYSTEMS
1/8" = 1'-0"



A4 PHASE 1 SECOND FLOOR POWER & SYSTEMS PLAN
1/8" = 1'-0"

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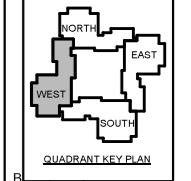


D1	KEYNOTES- POWER & SYSTEMS REMOVALS
A1	KEYNOTES - NEW POWER & SYSTEMS

- 1 EXISTING PANELBOARD TO BE REPLACED IN SAME PLACE, SEE NEW CONDITIONS POWER ONE LINE DIAGRAM ON SHEET E501 FOR MORE INFORMATION.
- 2 EXISTING PANELBOARD TO REMAIN, SEE NEW CONDITIONS POWER ONE LINE DIAGRAM ON SHEET E501 FOR MORE INFORMATION.
- 3 TYPICAL DORM ROOM, REFER TO DETAIL D6 ON SHEET E400 FOR FIRE ALARM DEVICES.

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No.	Date	Description
		Revision Schedule

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JOB NO.
075982

ISSUE
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11/22/2023

TITLE
PHASE 1 SECOND FLOOR POWER & SYSTEMS REMOVALS & NEW PLANS

SHEET
EP101.2

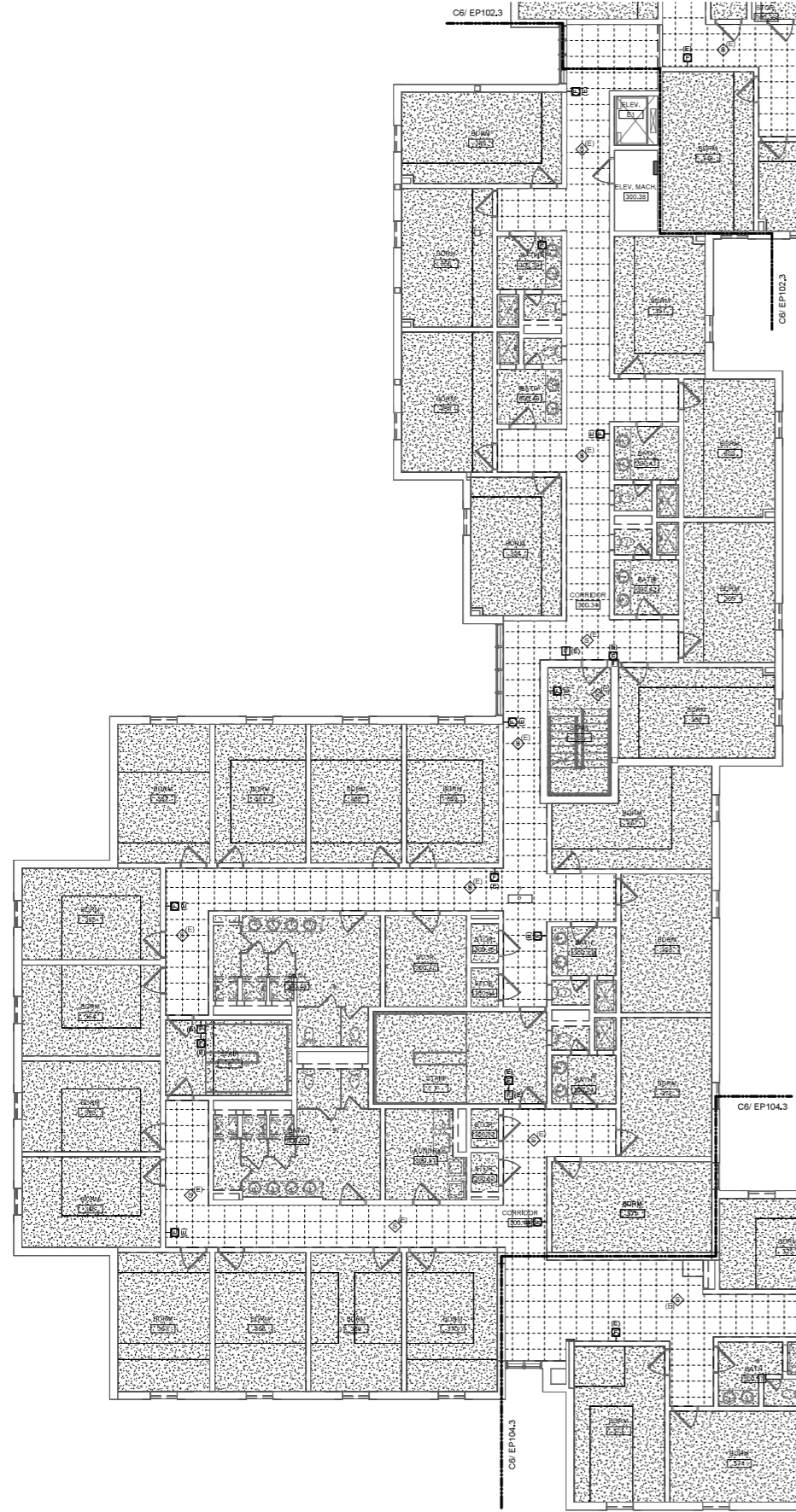
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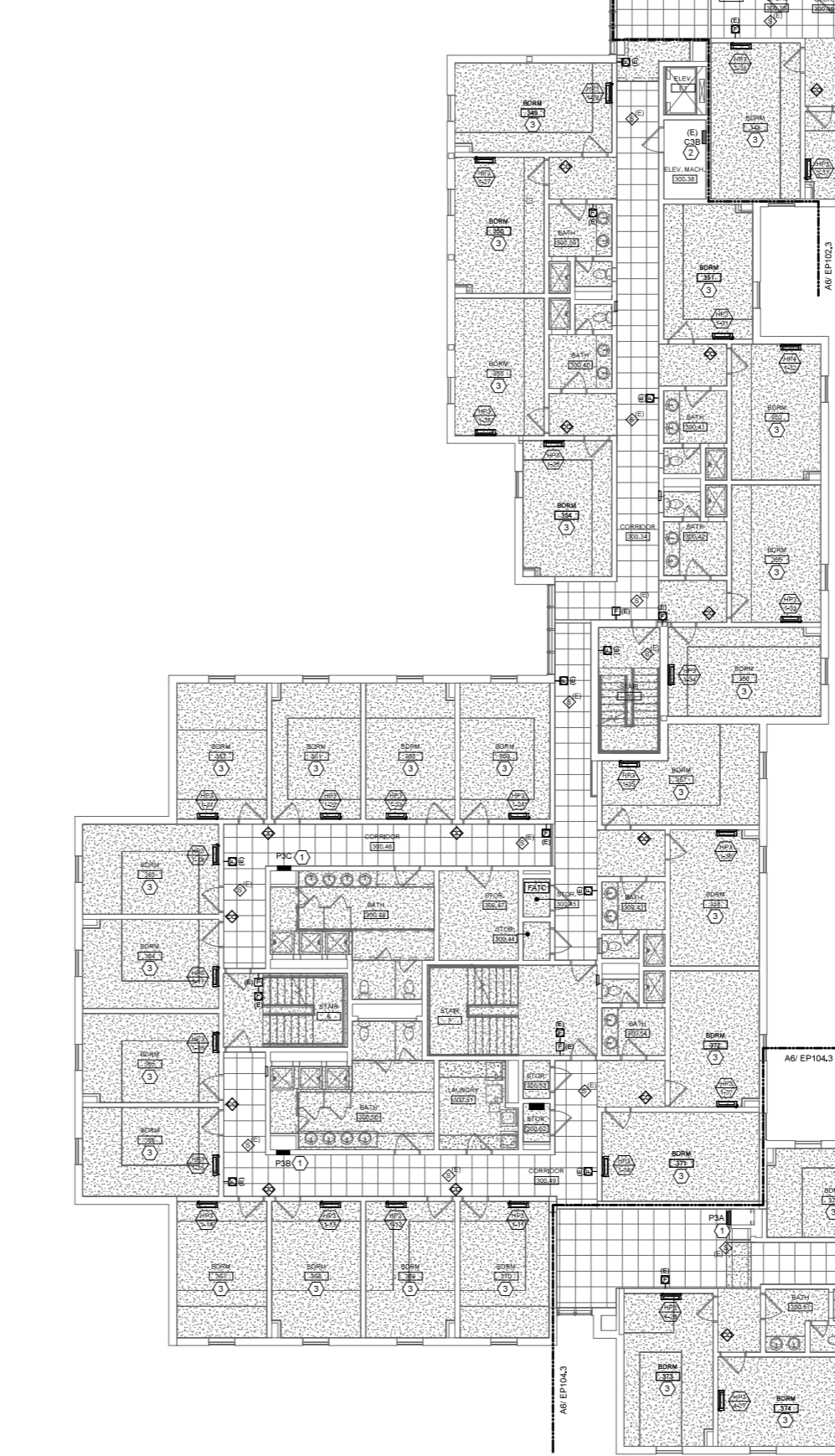
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A6 PHASE 1 THIRD FLOOR ELECTRICAL REMOVALS - POWER & SYSTEMS
1/8" = 1'-0"



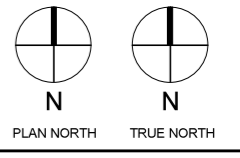
A4 PHASE 1 THIRD FLOOR POWER & SYSTEMS PLAN
1/8" = 1'-0"

D1	KEYNOTES- POWER & SYSTEMS REMOVALS
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A1	KEYNOTES - NEW POWER & SYSTEMS
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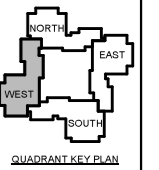
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TITLE
PHASE 1 THIRD FLOOR POWER & SYSTEMS REMOVALS & NEW PLANS

SHEET
EP101.3

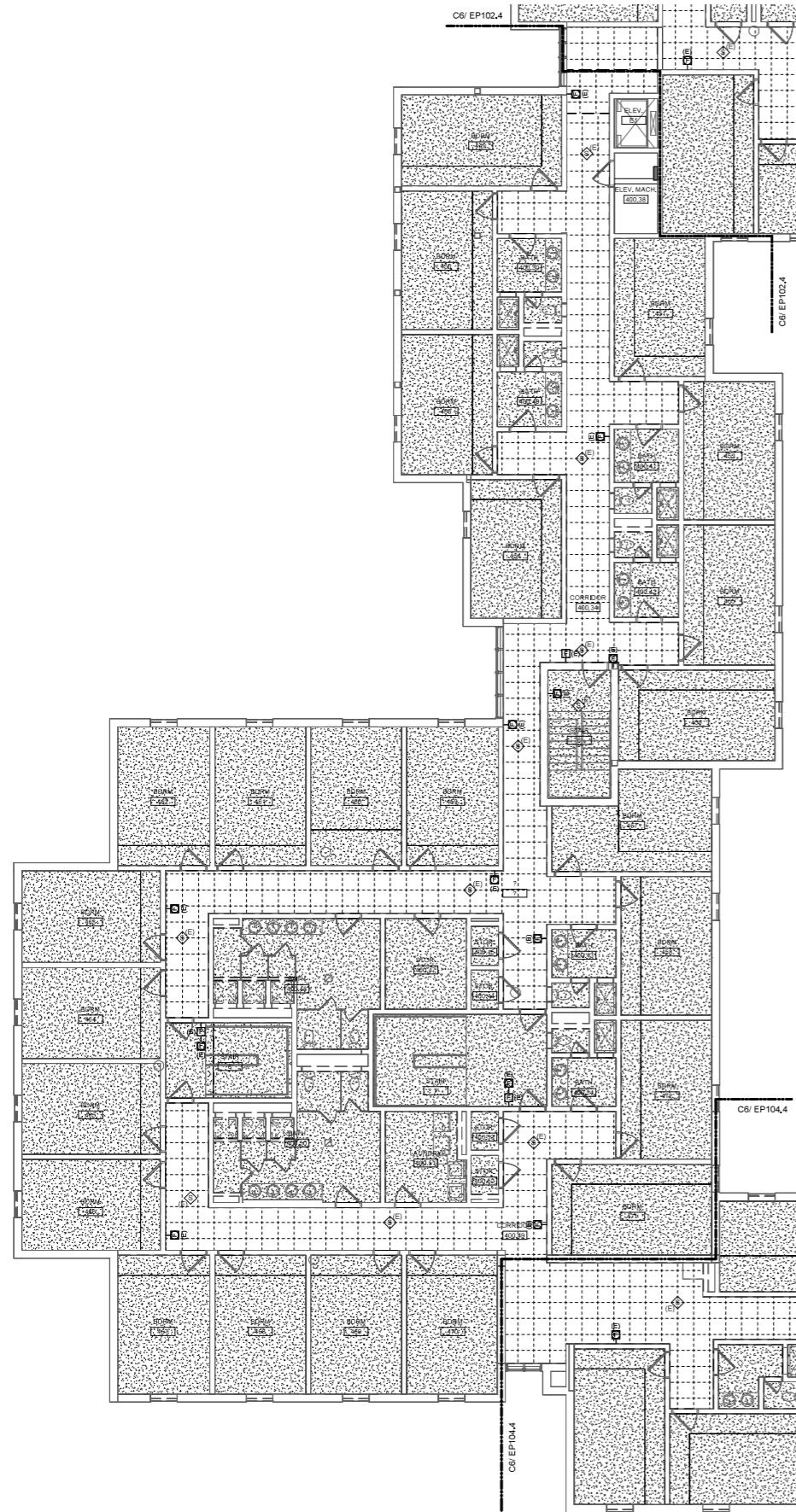
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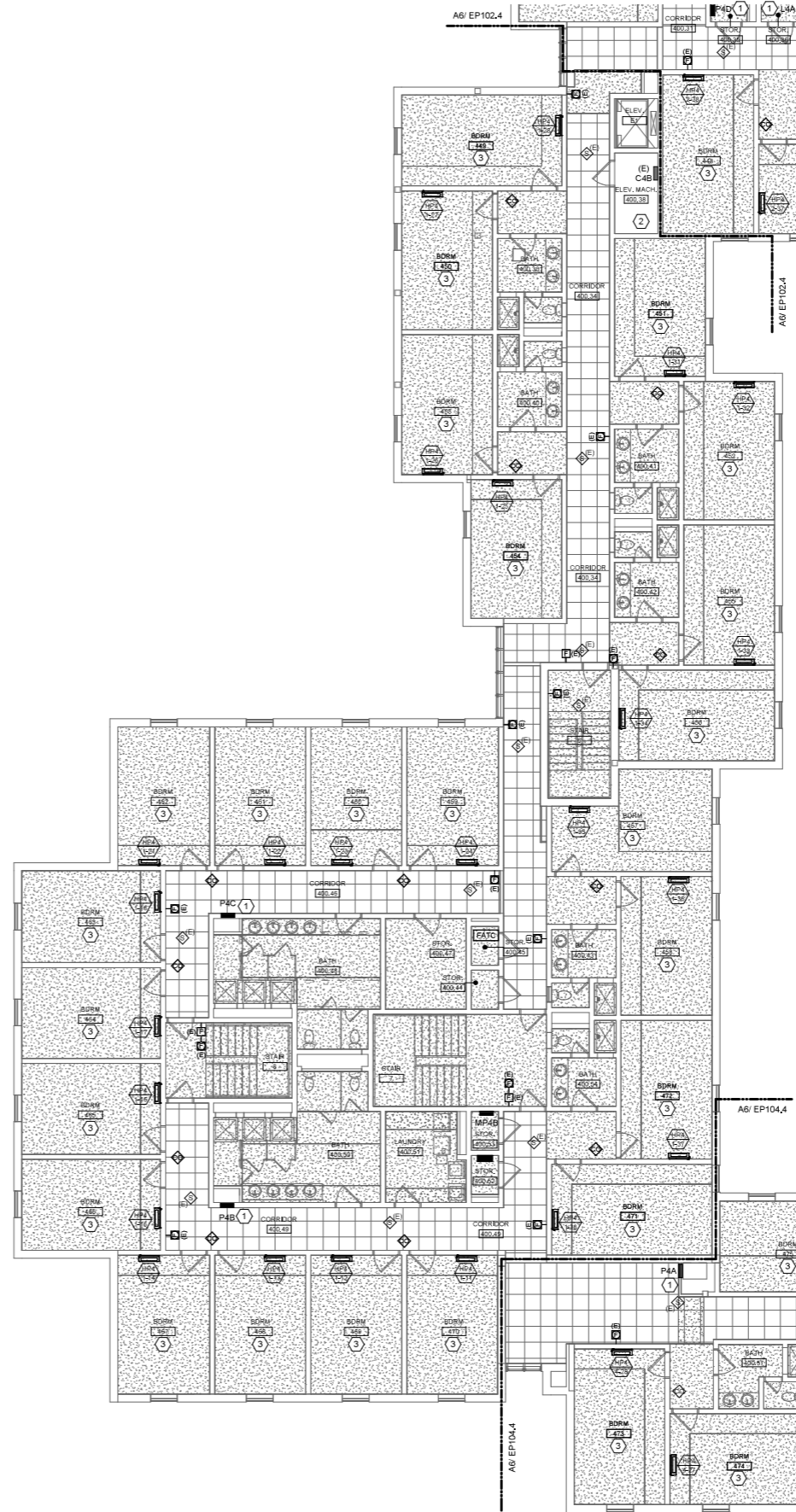
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A6 PHASE 1 FOURTH FLOOR ELECTRICAL REMOVALS - POWER & SYSTEMS
1/8" = 1'-0"

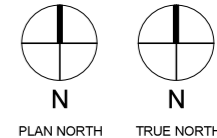
A4 PHASE 1 FOURTH FLOOR POWER & SYSTEMS PLAN
1/8" = 1'-0"



A4 PHASE 1 FOURTH FLOOR POWER & SYSTEMS PLAN
1/8" = 1'-0"

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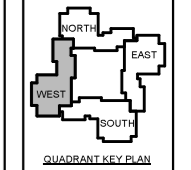


D1	KEYNOTES- POWER & SYSTEMS REMOVALS
A1	KEYNOTES - NEW POWER & SYSTEMS

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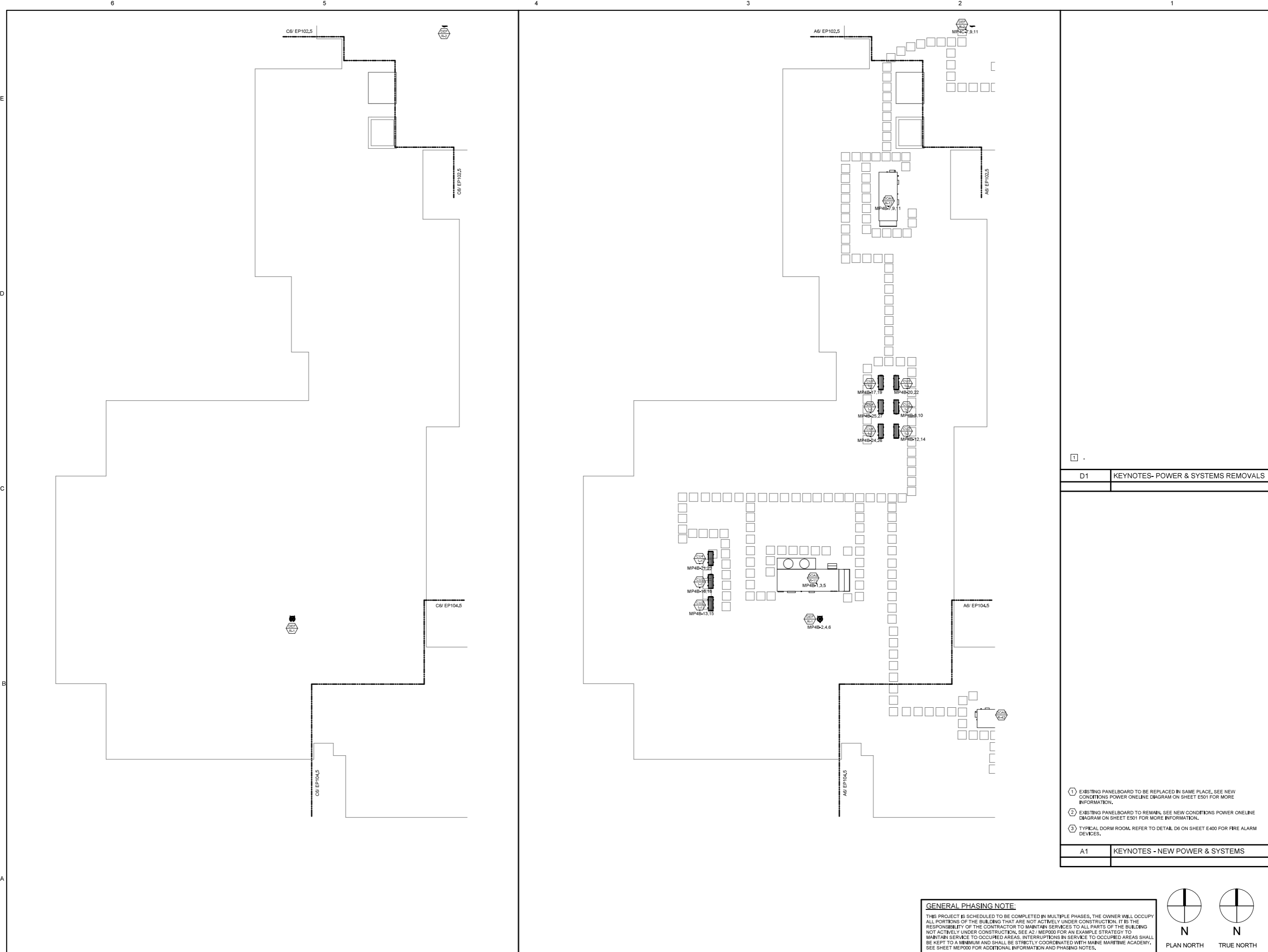
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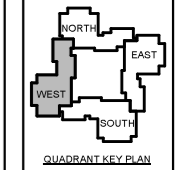
TITLE
PHASE 1 FOURTH FLOOR POWER & SYSTEMS REMOVALS & NEW PLANS

SHEET
EP101.4



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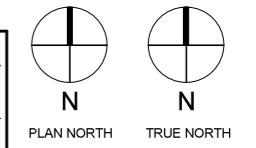
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TITLE
PHASE 1 ROOF POWER
& SYSTEMS REMOVALS
& NEW PLANS

SHEET
EP101.5

KEYNOTES- POWER & SYSTEMS REMOVALS	
D1	
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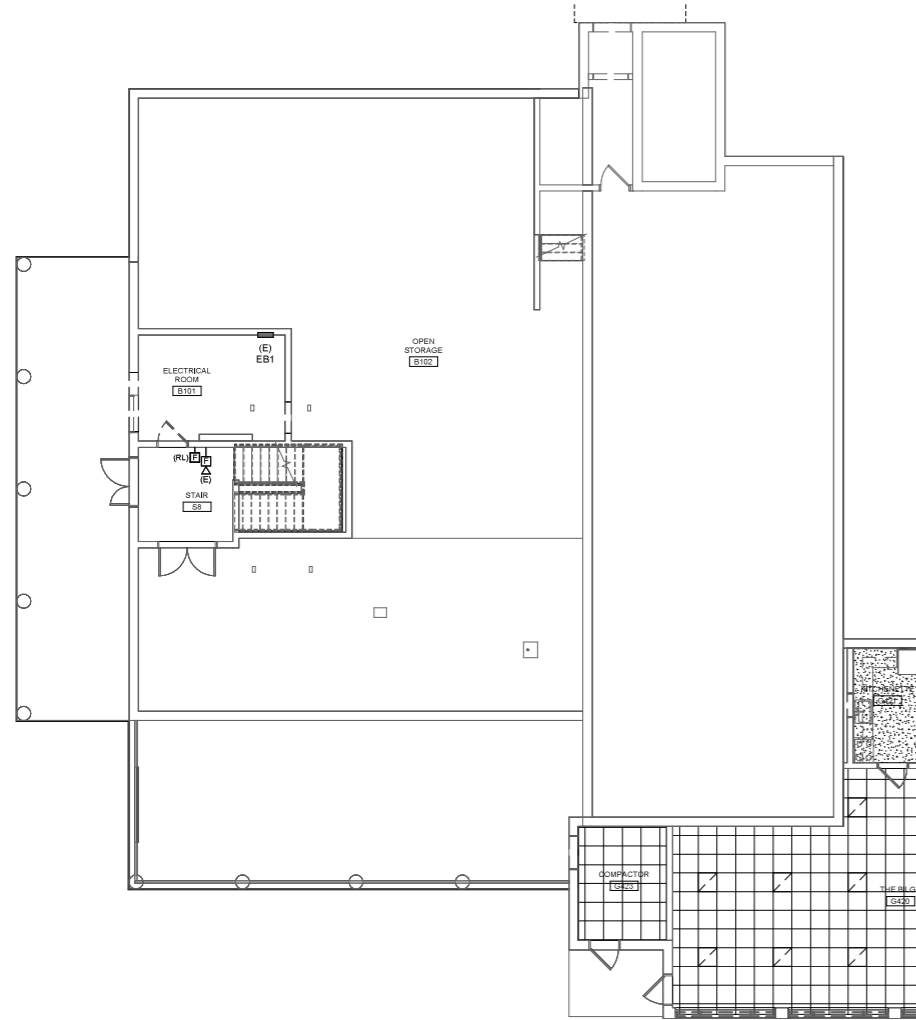
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A6 PHASE 1 GROUND FLOOR ELECTRICAL REMOVALS - POWER & SYSTEMS

1/8" = 1'-0"

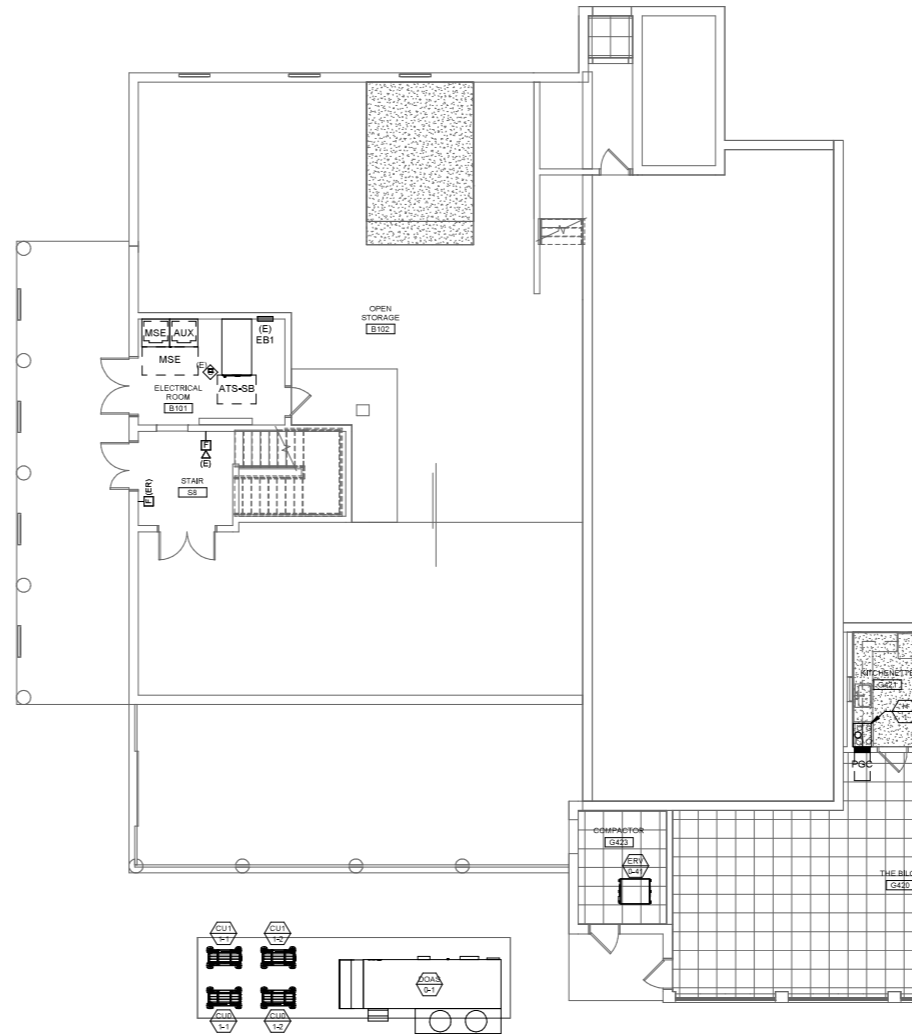
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A4 PHASE 1 GROUND FLOOR POWER & SYSTEMS PLAN

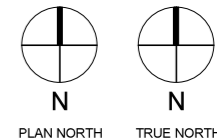
1/8" = 1'-0"

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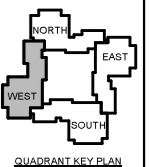
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A1 KEYNOTES - NEW POWER & SYSTEMS

TITLE
PHASE 1 GROUND FLOOR POWER & SYSTEMS REMOVALS & NEW PLANS

SHEET
EP101.G

A6

1/8" = 1'-0"

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A4 PHASE 1 GROUND FLOOR POWER & SYSTEMS PLAN

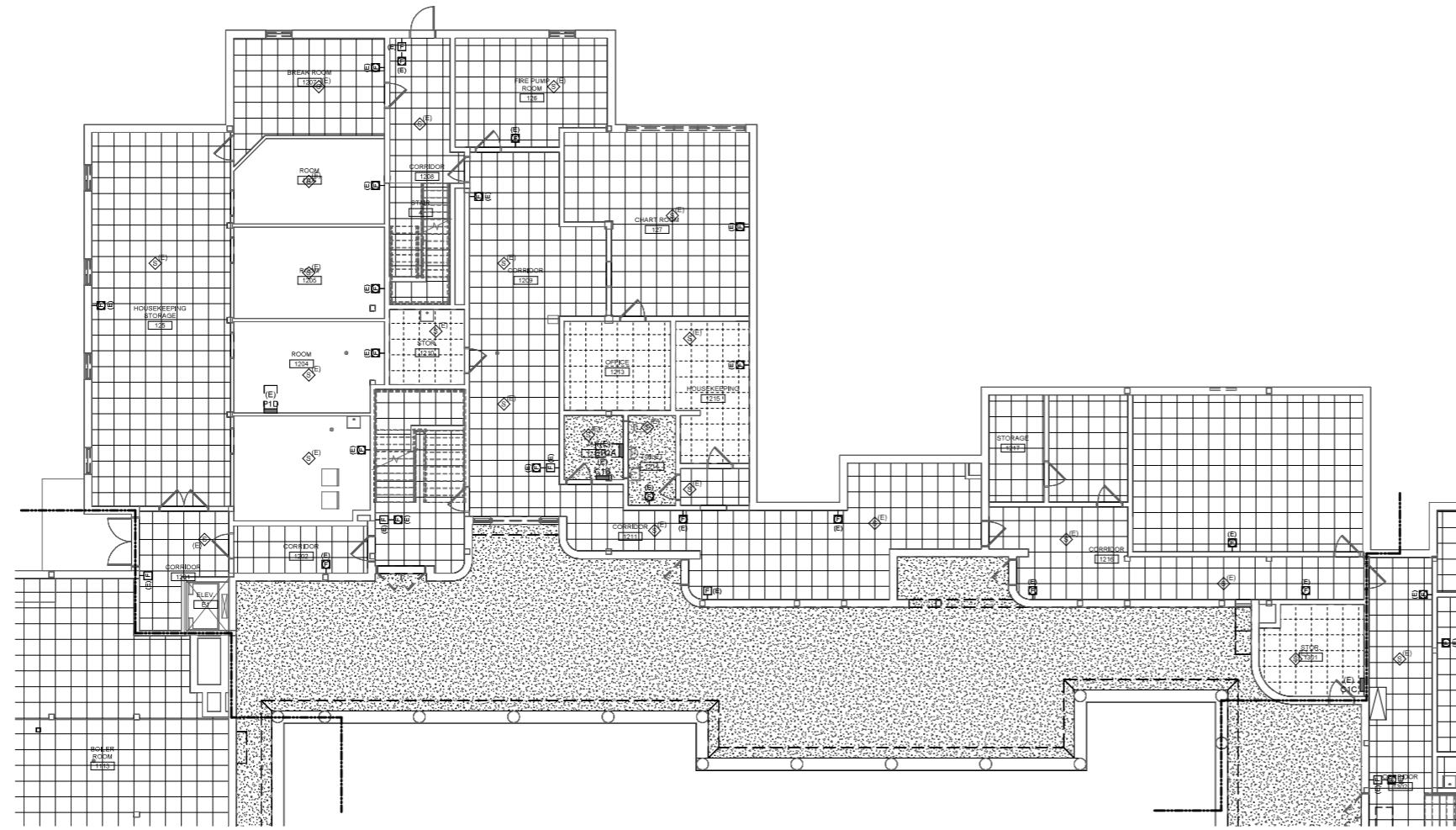
1/8" = 1'-0"

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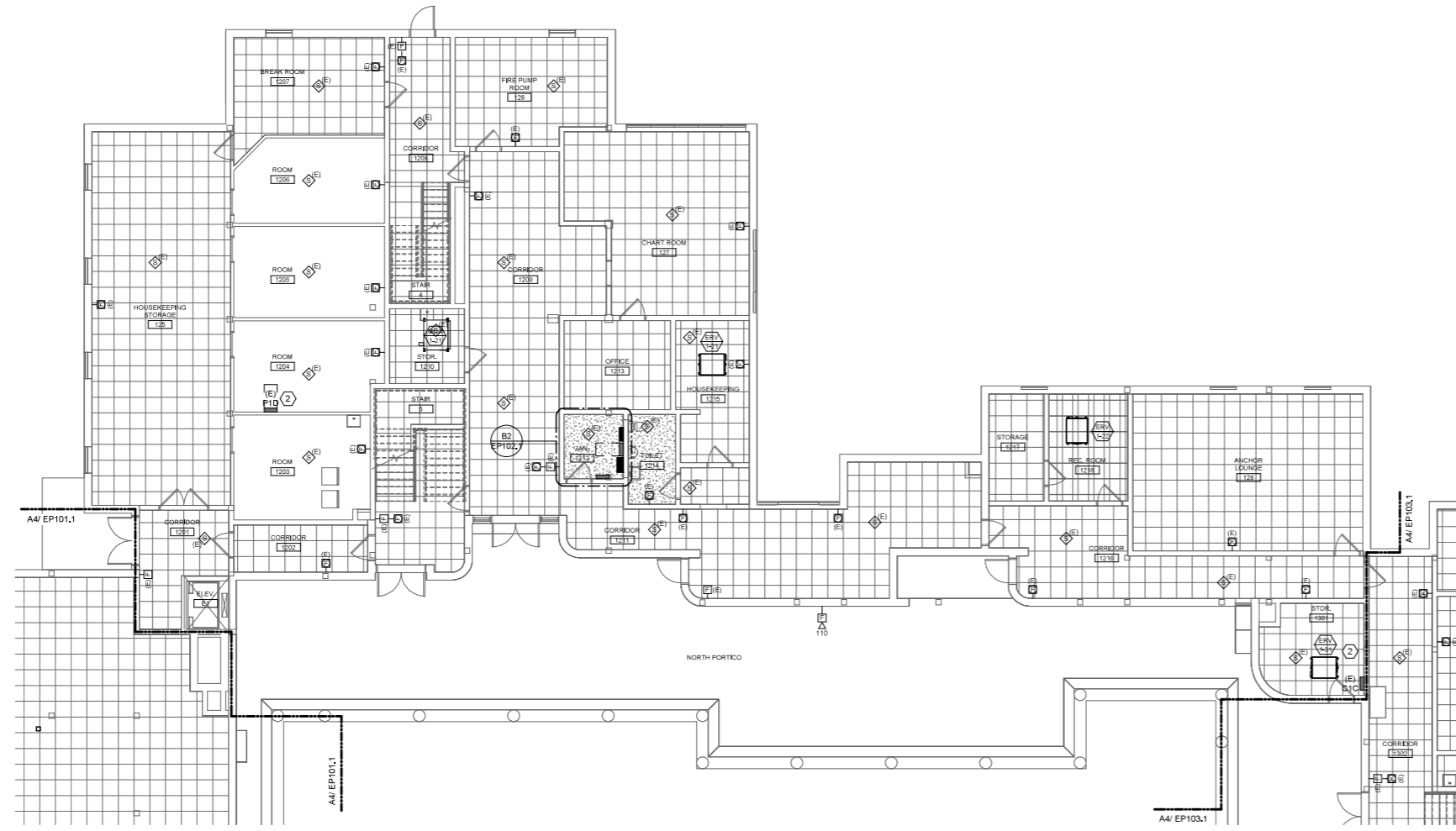
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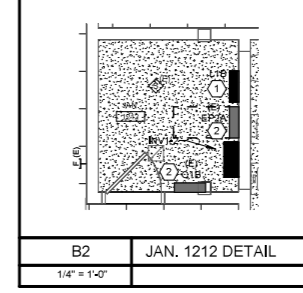


C6 PHASE 2 FIRST FLOOR ELECTRICAL REMOVALS - POWER & SYSTEMS
1/8" = 1'-0"

D1 KEYNOTES- POWER & SYSTEMS REMOVALS



A6 PHASE 2 FIRST FLOOR POWER & SYSTEMS PLAN
1/8" = 1'-0"

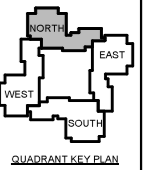
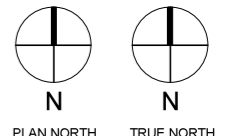


B2 JAN. 1212 DETAIL
1/4" = 1'-0"

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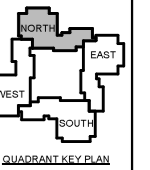
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TITLE
PHASE 2 FIRST FLOOR POWER & SYSTEMS REMOVALS & NEW PLANS

SHEET
EP102.1



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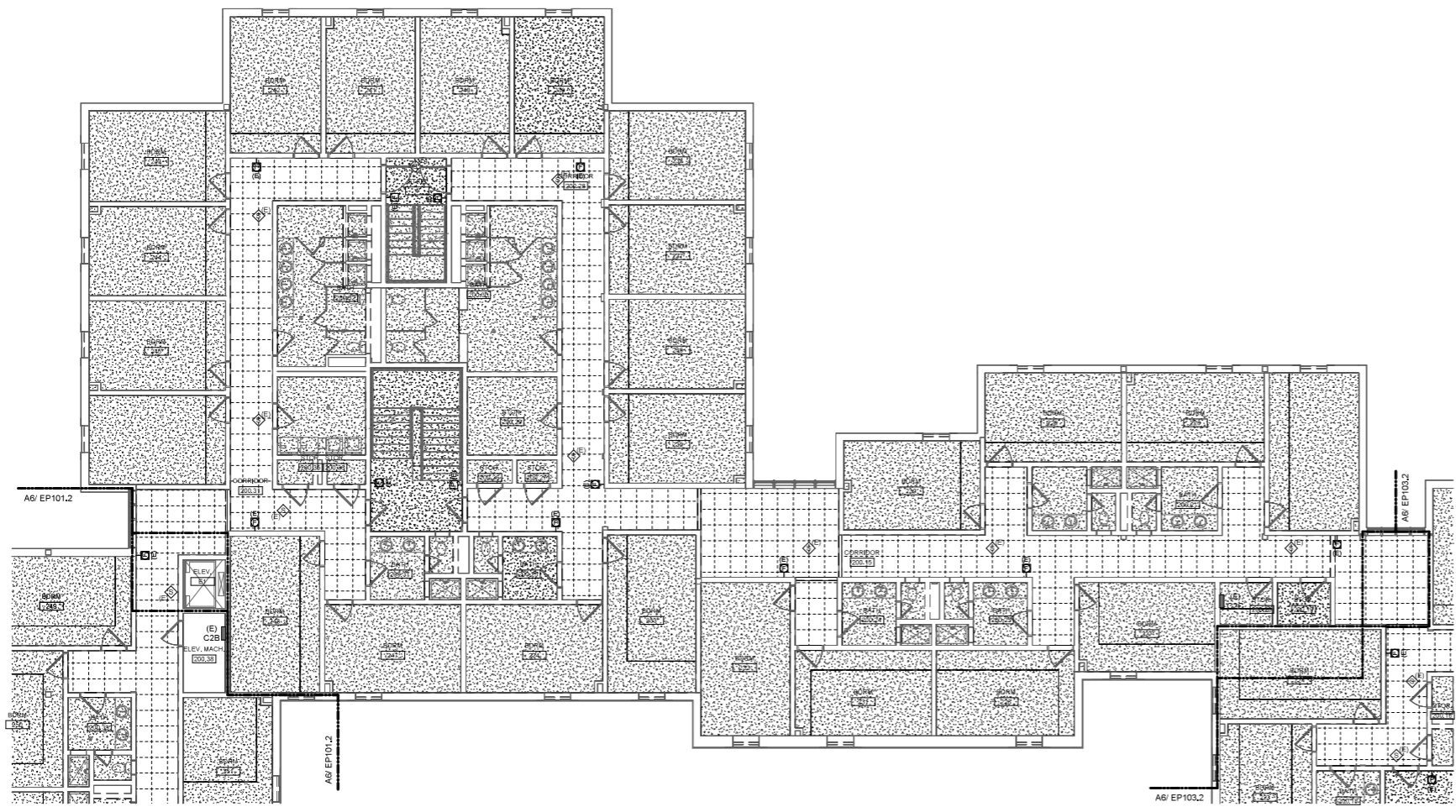
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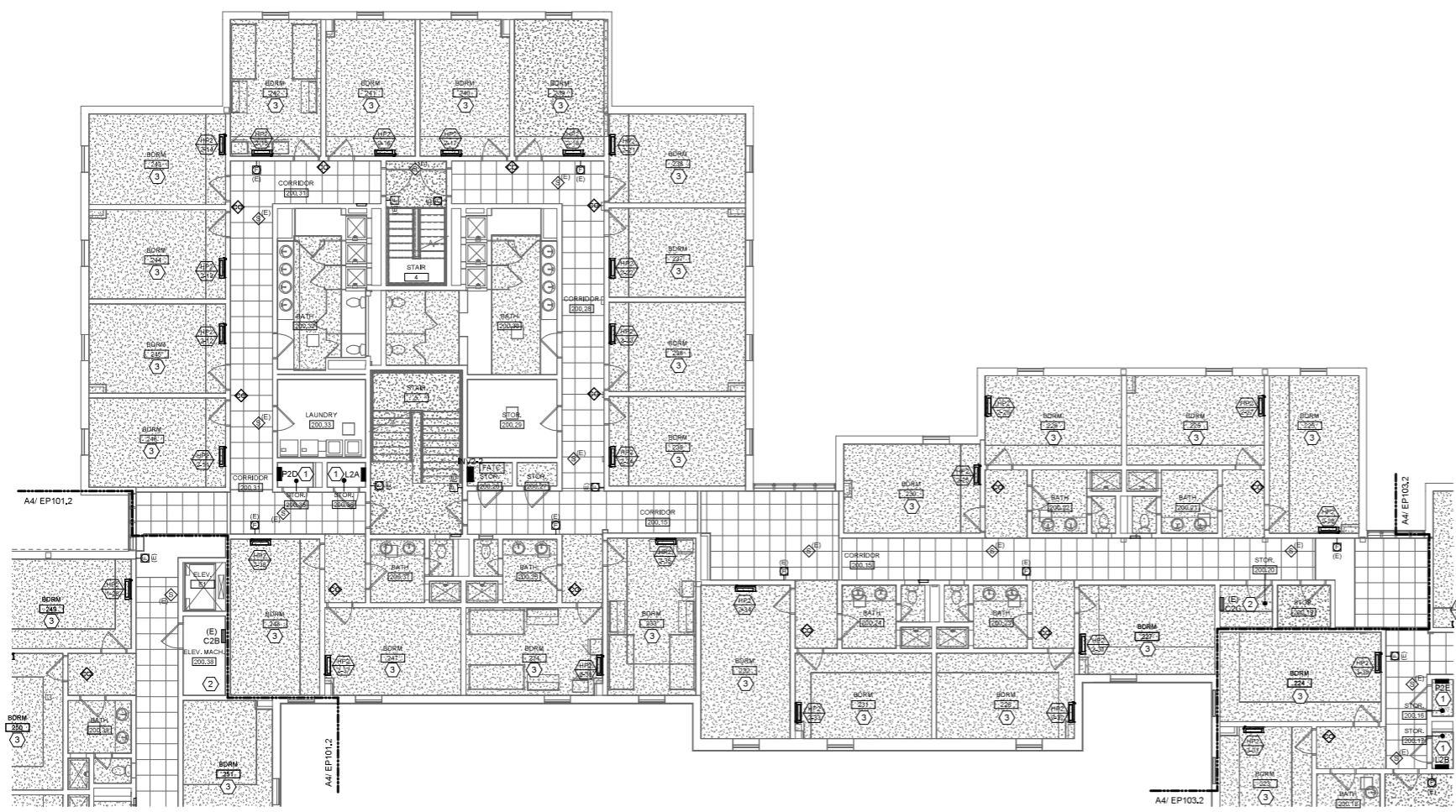
11/22/2023

TITLE
PHASE 2 SECOND FLOOR POWER & SYSTEMS REMOVALS & NEW PLANS

SHEET
EP102.2

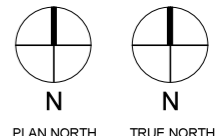


D1 KEYNOTES- POWER & SYSTEMS REMOVALS



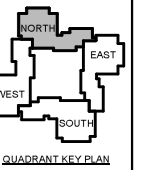
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C6 PHASE 2 SECOND FLOOR ELECTRICAL REMOVALS - POWER & SYSTEMS
1/8" = 1'-0"

A6 PHASE 2 SECOND FLOOR POWER & SYSTEMS PLAN
1/8" = 1'-0"



No.	Date	Description

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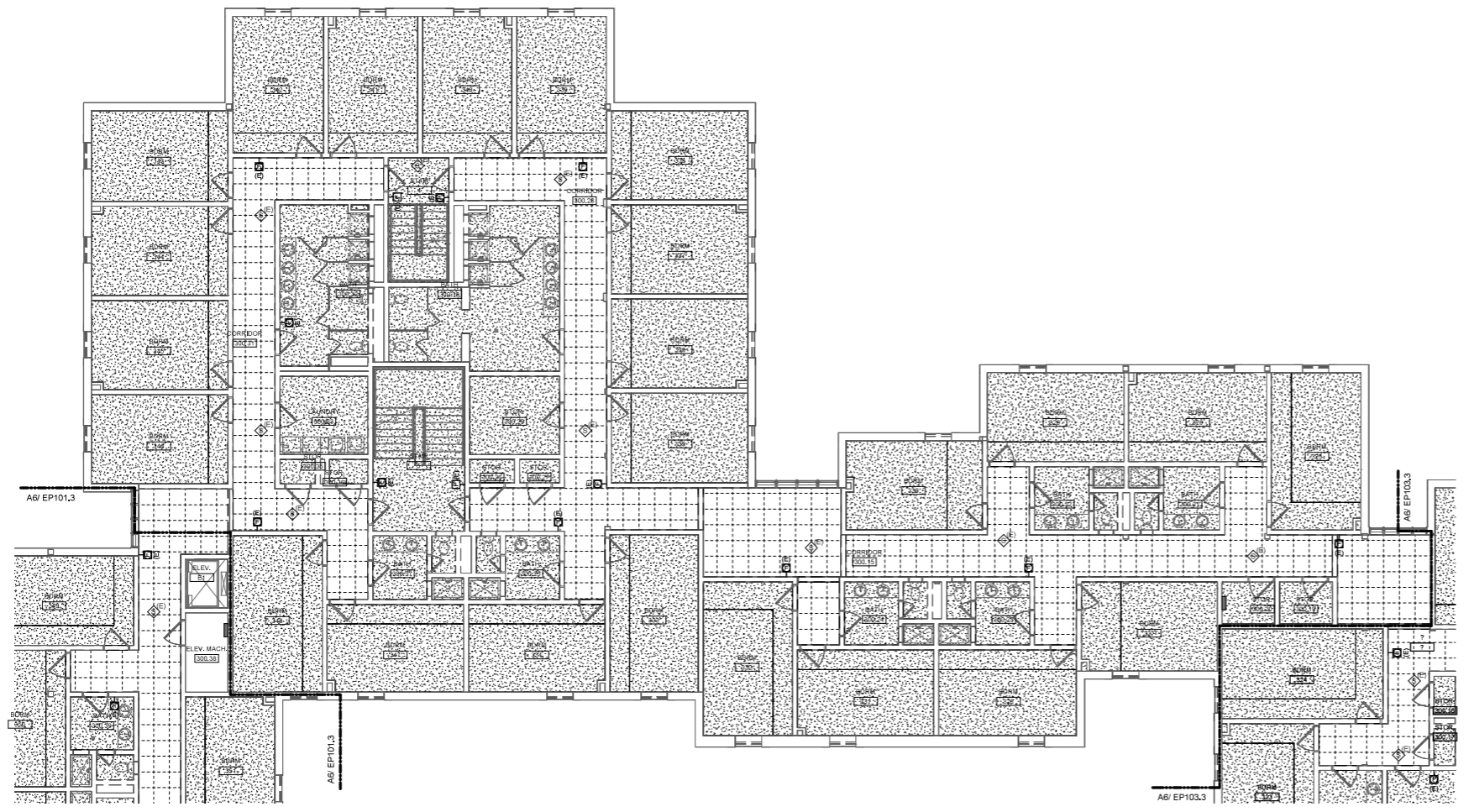
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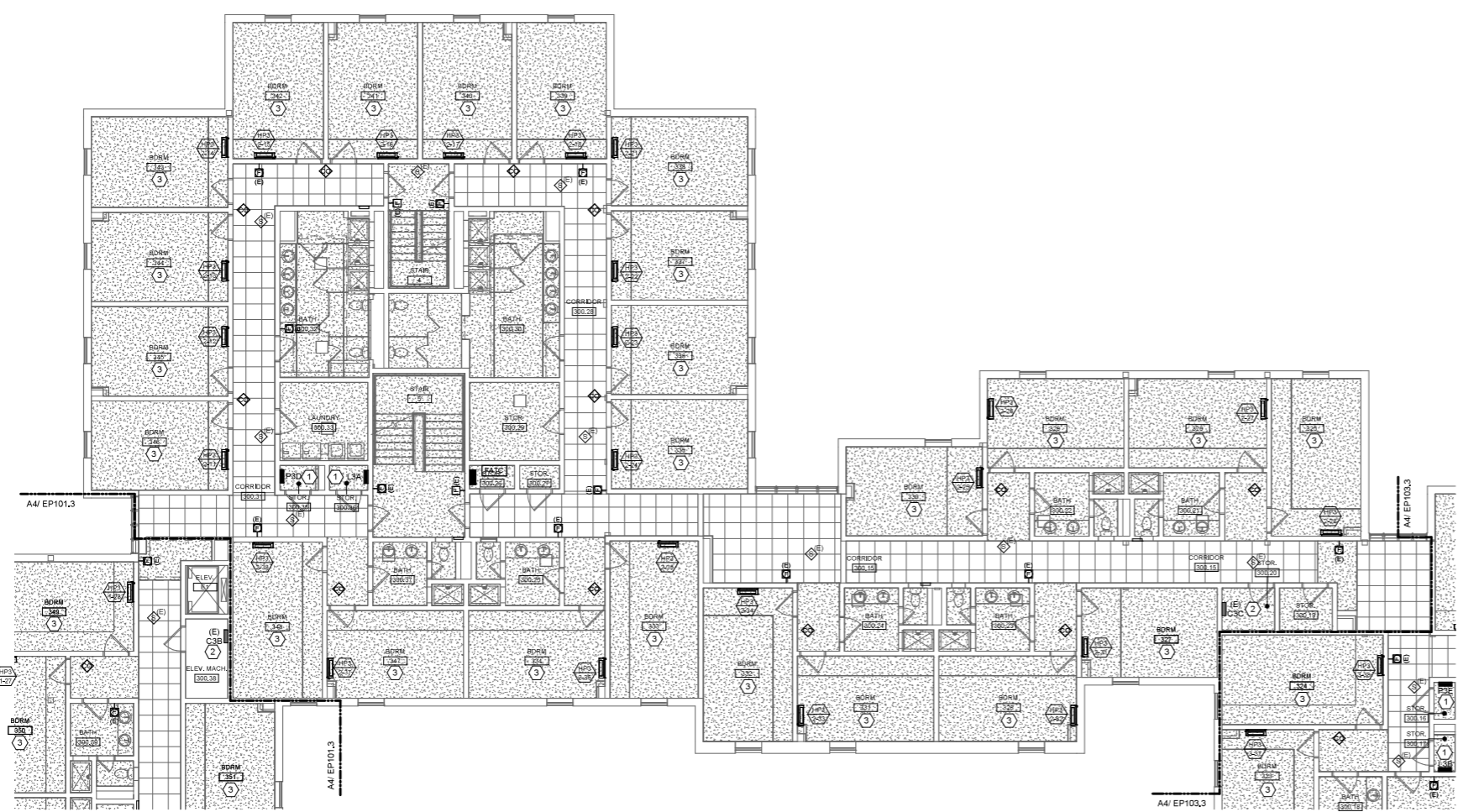
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PHASE 2 THIRD FLOOR
POWER & SYSTEMS
REMOVALS & NEW
PLANS

SHEET

EP102.3

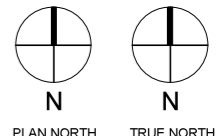


D1 KEYNOTES- POWER & SYSTEMS REMOVALS



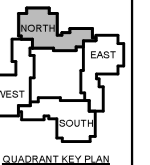
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C6 PHASE 2 THIRD FLOOR ELECTRICAL REMOVALS - POWER & SYSTEMS
1/8" = 1'-0"

A6 PHASE 2 THIRD FLOOR POWER & SYSTEMS PLAN
1/8" = 1'-0"



No.	Date	Description
		Revision Schedule

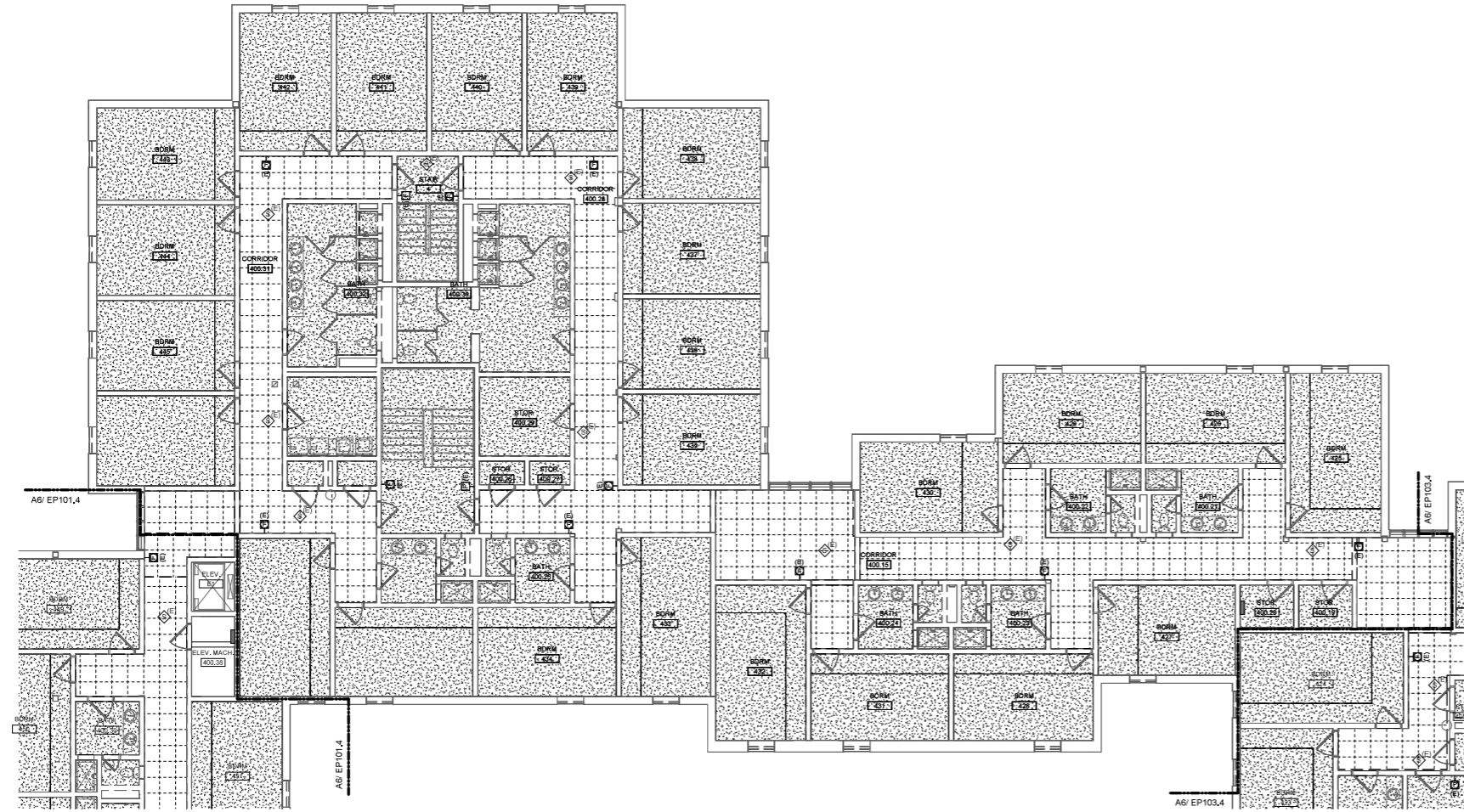
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PHASE 2 FOURTH FLOOR POWER & SYSTEMS REMOVALS & NEW PLANS

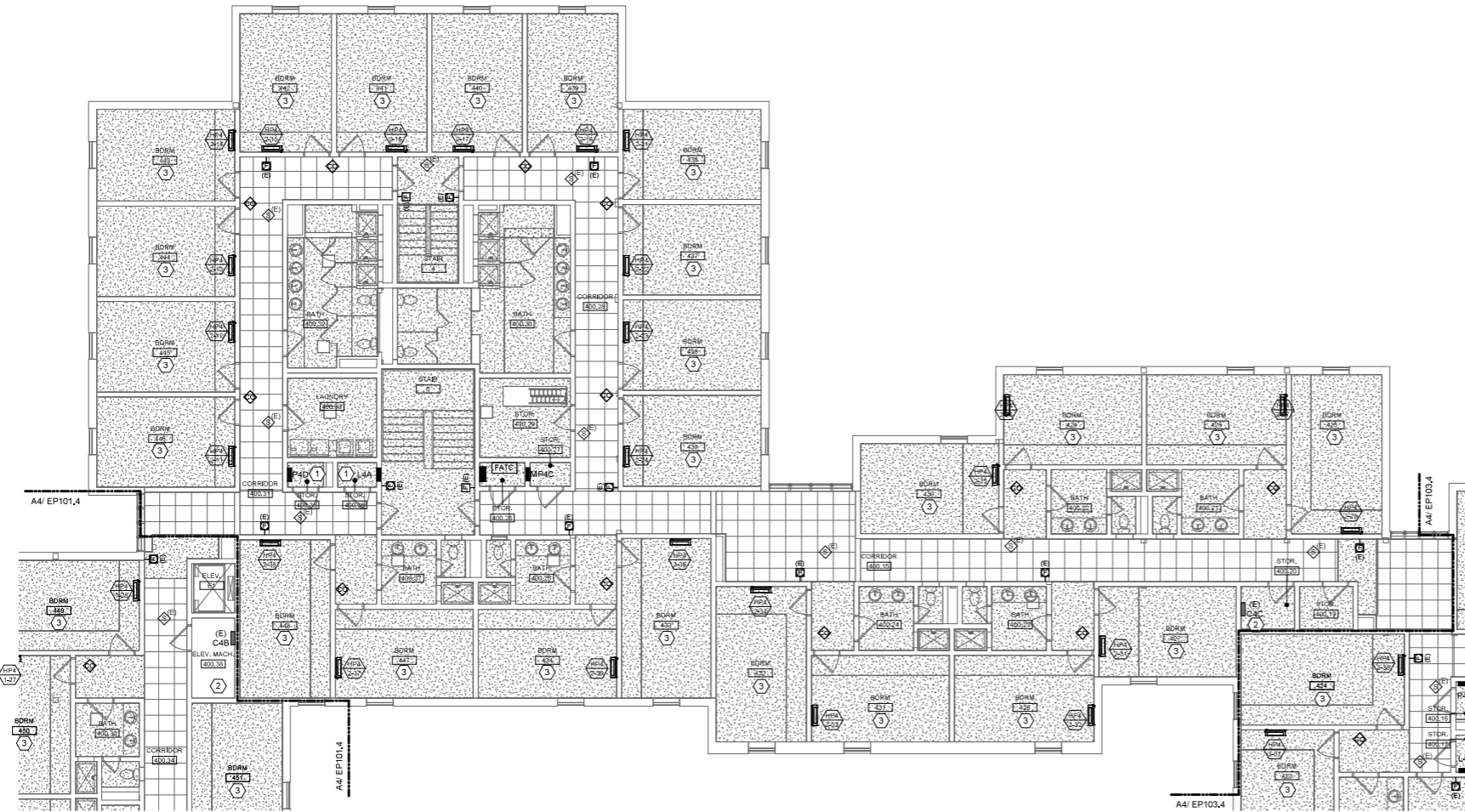
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D1 KEYNOTES- POWER & SYSTEMS REMOVALS

C6 PHASE 2 FOURTH FLOOR ELECTRICAL REMOVALS - POWER & SYSTEMS

1/8" = 1'-0"

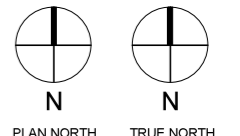


A1 KEYNOTES - NEW POWER & SYSTEMS

A6 PHASE 2 FOURTH FLOOR POWER & SYSTEMS PLAN

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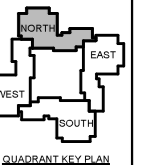
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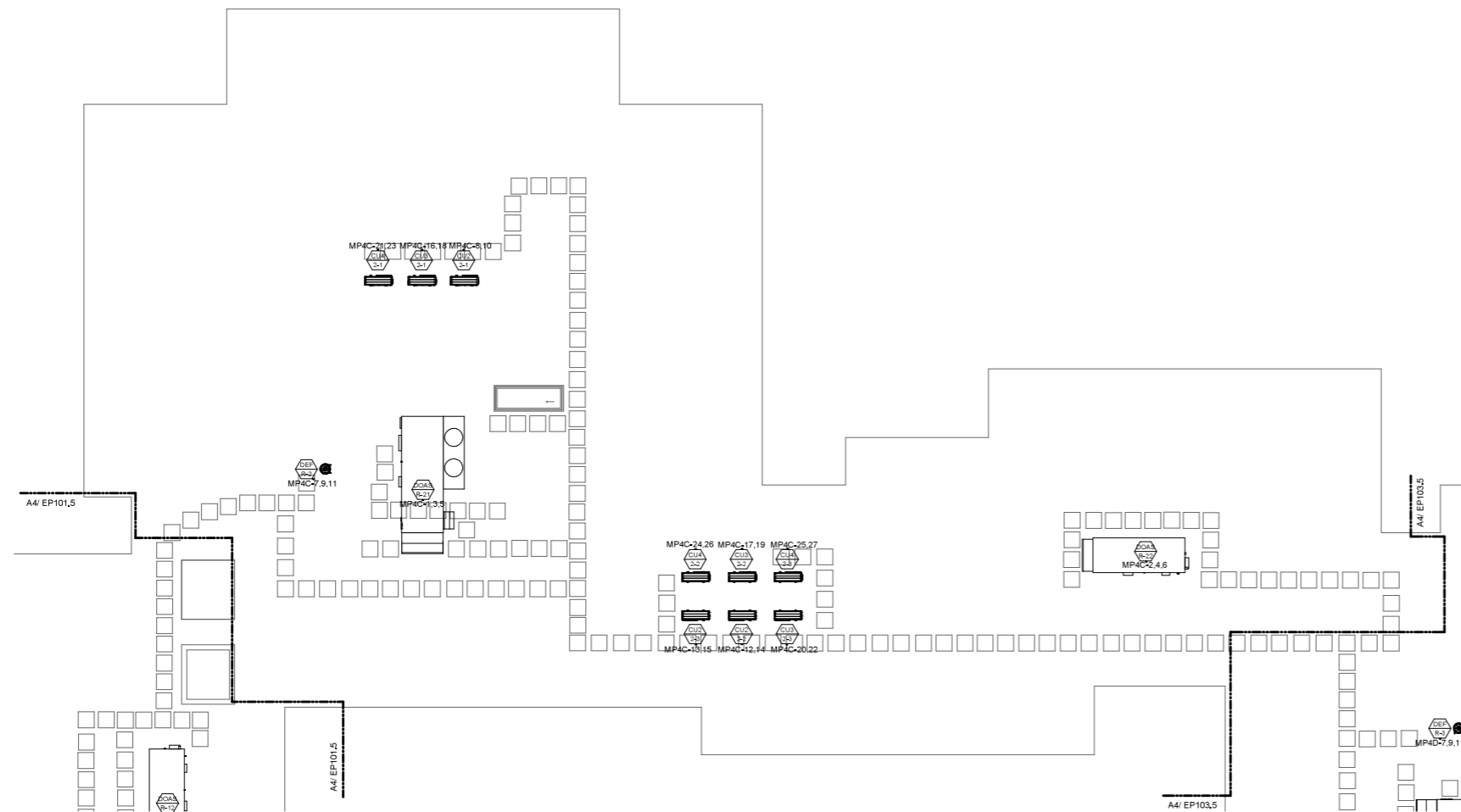
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TITLE
PHASE 2 ROOF POWER & SYSTEMS REMOVALS & NEW PLANS

SHEET
EP102.5



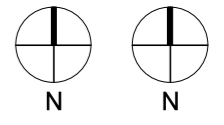
C6	PHASE 2 ROOF ELECTRICAL REMOVALS - POWER & SYSTEMS	D1	KEYNOTES- POWER & SYSTEMS REMOVALS
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A1	KEYNOTES - NEW POWER & SYSTEMS
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A6	PHASE 2 ROOF POWER & SYSTEMS PLAN
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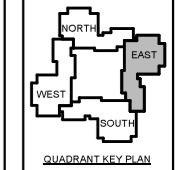
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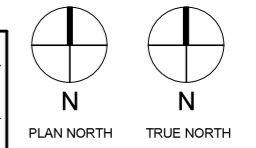
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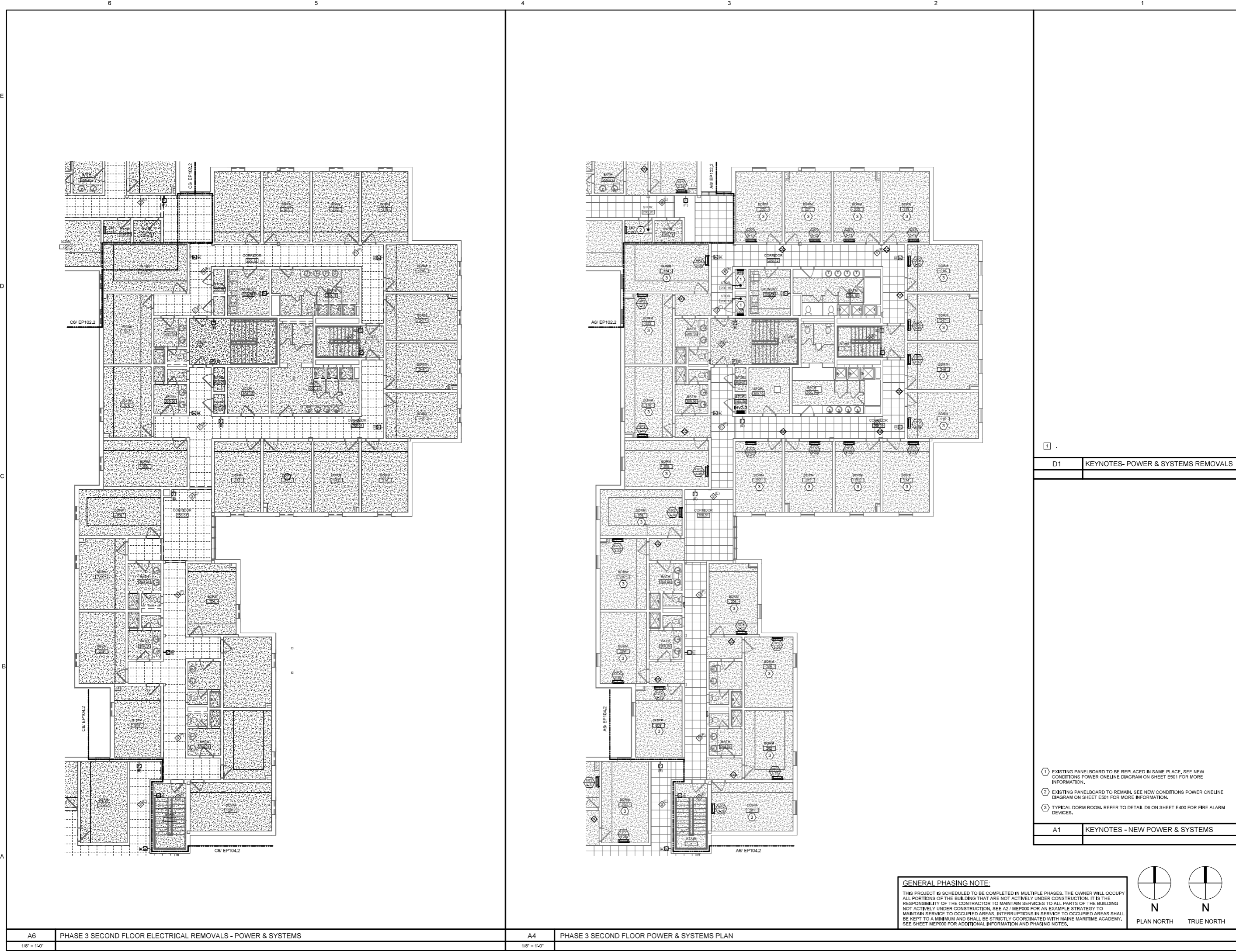
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PHASE 3 FIRST FLOOR POWER & SYSTEMS REMOVALS & NEW PLANS

SHEET
EP103.1

KEYNOTES- POWER & SYSTEMS REMOVALS	
D1	
<p>1 EXISTING PANELBOARD TO BE REPLACED IN SAME PLACE, SEE NEW CONDITIONS POWER ONE-LINE DIAGRAM ON SHEET E501 FOR MORE INFORMATION.</p> <p>2 EXISTING PANELBOARD TO REMAIN, SEE NEW CONDITIONS POWER ONE-LINE DIAGRAM ON SHEET E501 FOR MORE INFORMATION.</p> <p>3 TYPICAL DORM ROOM, REFER TO DETAIL D6 ON SHEET E400 FOR FIRE ALARM DEVICES.</p>	
KEYNOTES - NEW POWER & SYSTEMS	
A1	

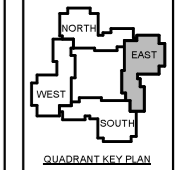
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TITLE
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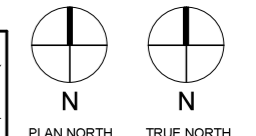
SHEET
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D1	KEYNOTES- POWER & SYSTEMS REMOVALS
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A1	KEYNOTES - NEW POWER & SYSTEMS
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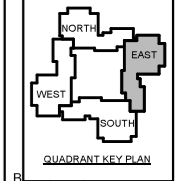
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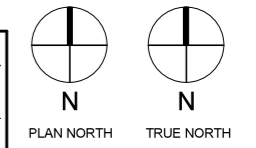
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PHASE 3 THIRD FLOOR
POWER & SYSTEMS
REMOVALS & NEW
PLANS

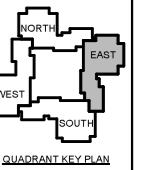
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D1		KEYNOTES- POWER & SYSTEMS REMOVALS
A1		KEYNOTES - NEW POWER & SYSTEMS

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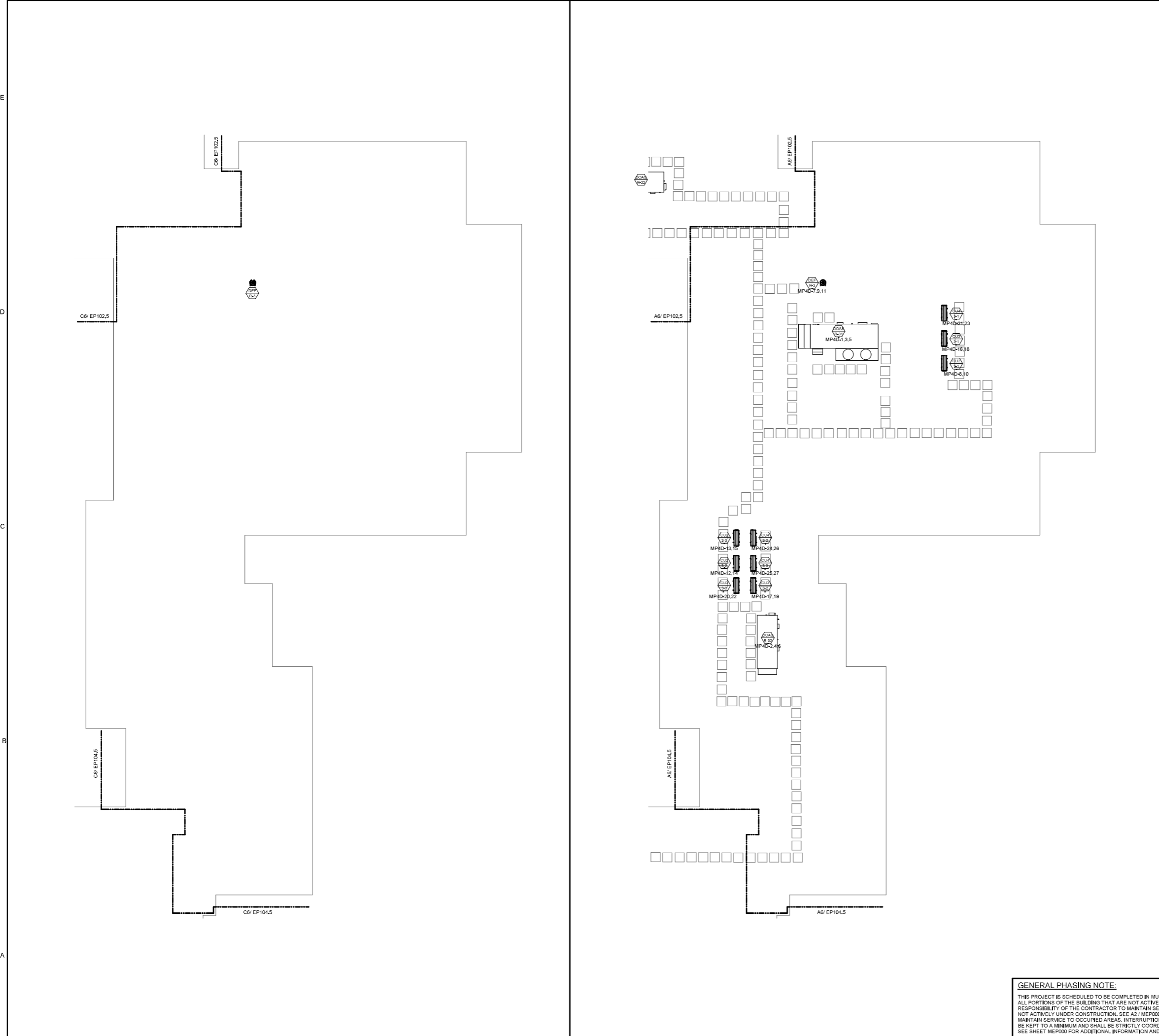
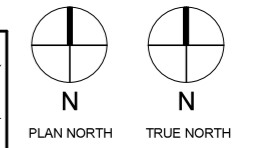
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PHASE 3 ROOF POWER & SYSTEMS REMOVALS & NEW PLANS

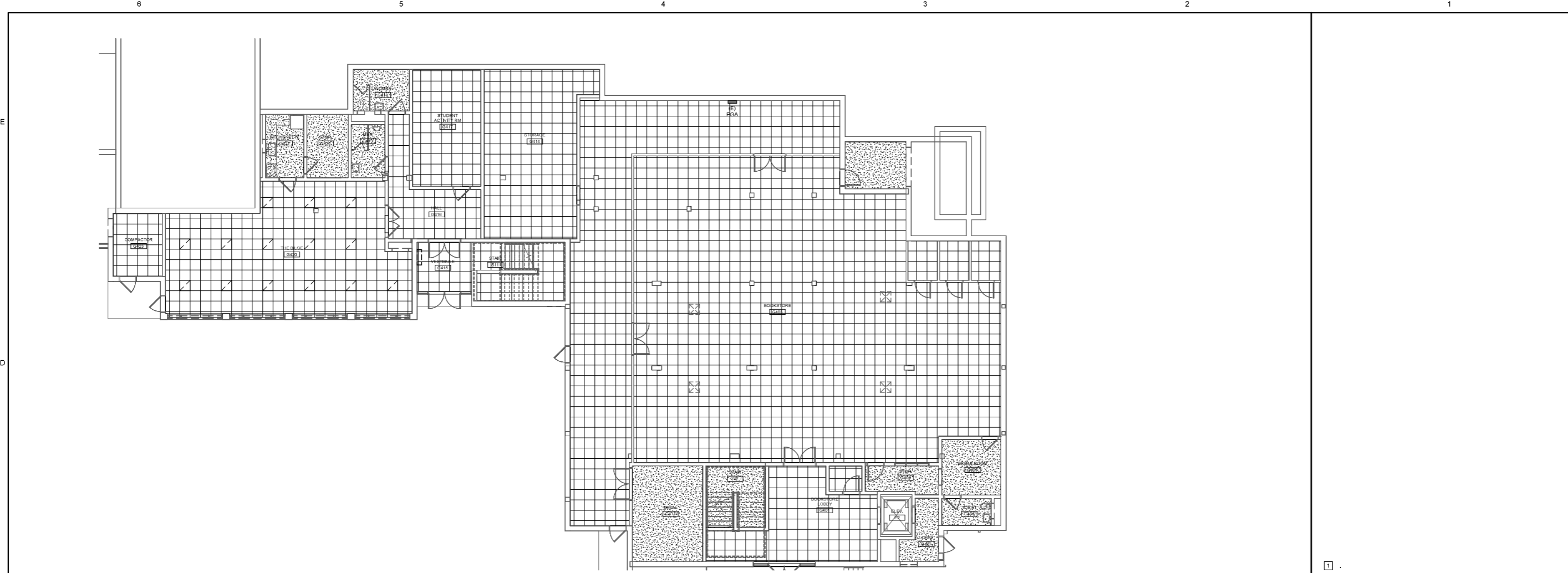
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D1		KEYNOTES- POWER & SYSTEMS REMOVALS
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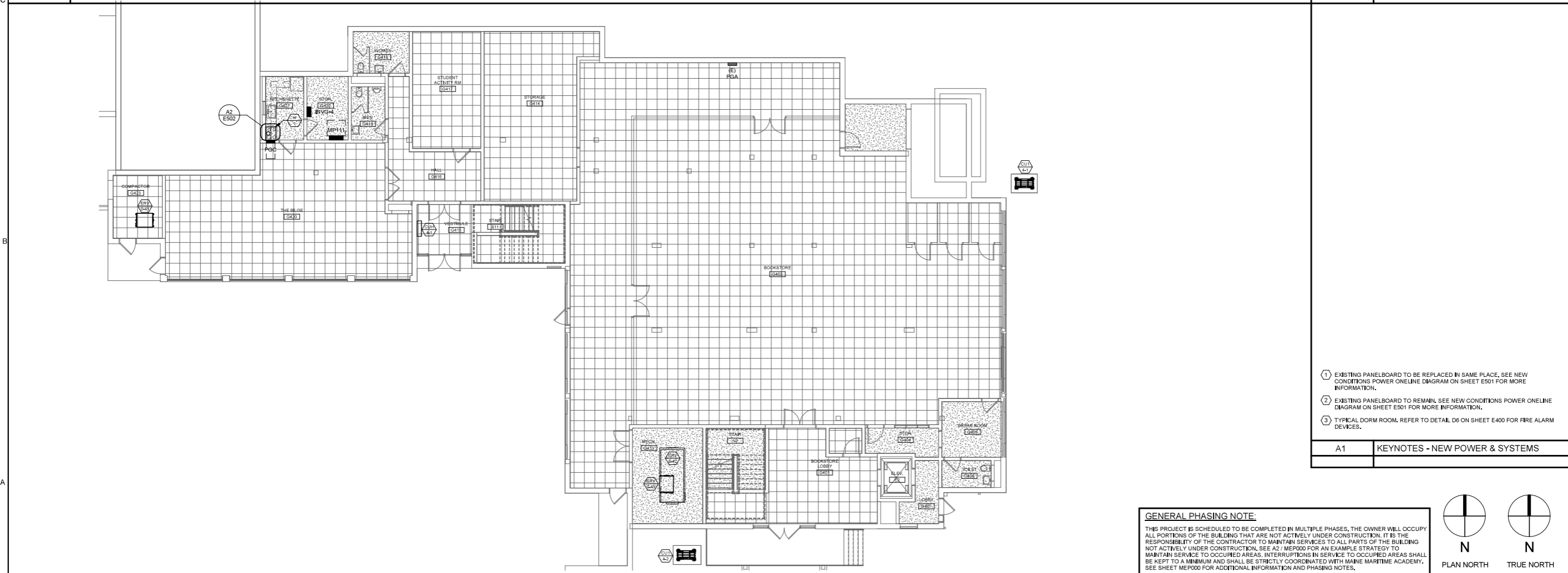
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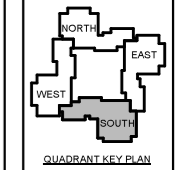
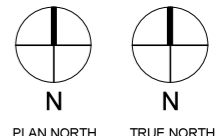


C6 PHASE 4 GROUND FLOOR ELECTRICAL REMOVALS - POWER & SYSTEMS 1/8" = 1'-0" D1 KEYNOTES- POWER & SYSTEMS REMOVALS



A6 PHASE 4 GROUND FLOOR POWER & SYSTEMS PLAN 1/8" = 1'-0" A1 KEYNOTES - NEW POWER & SYSTEMS

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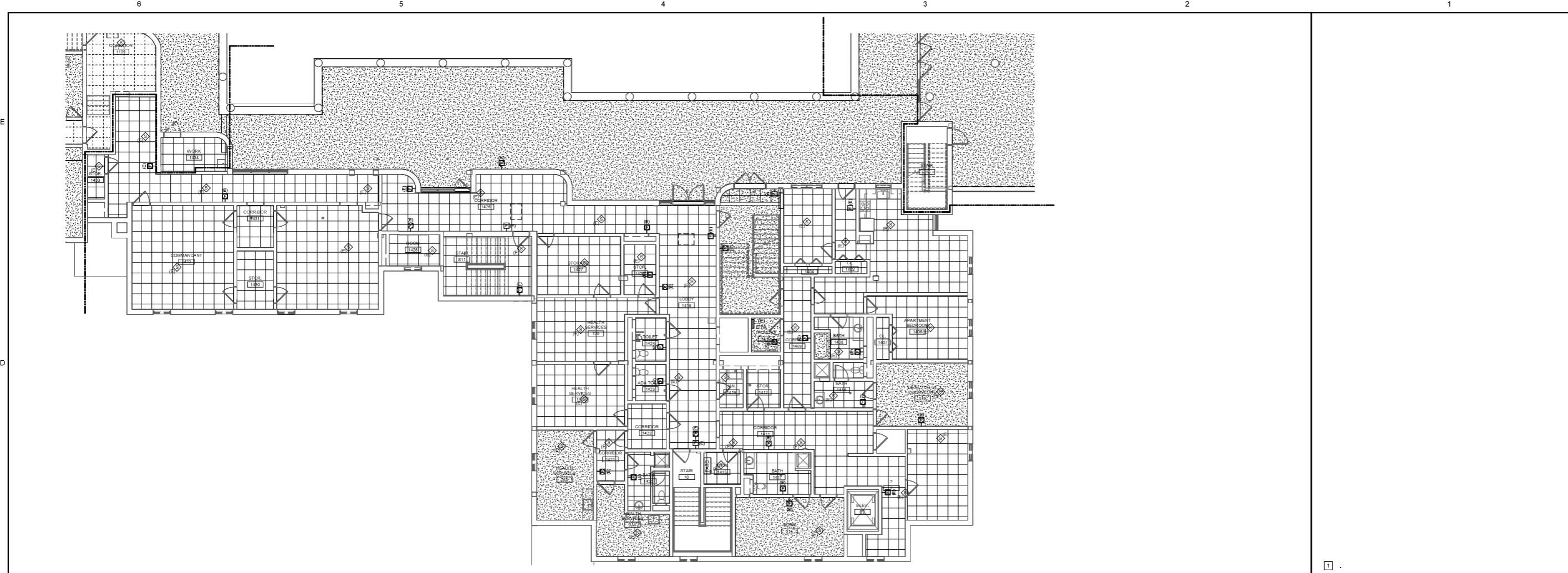
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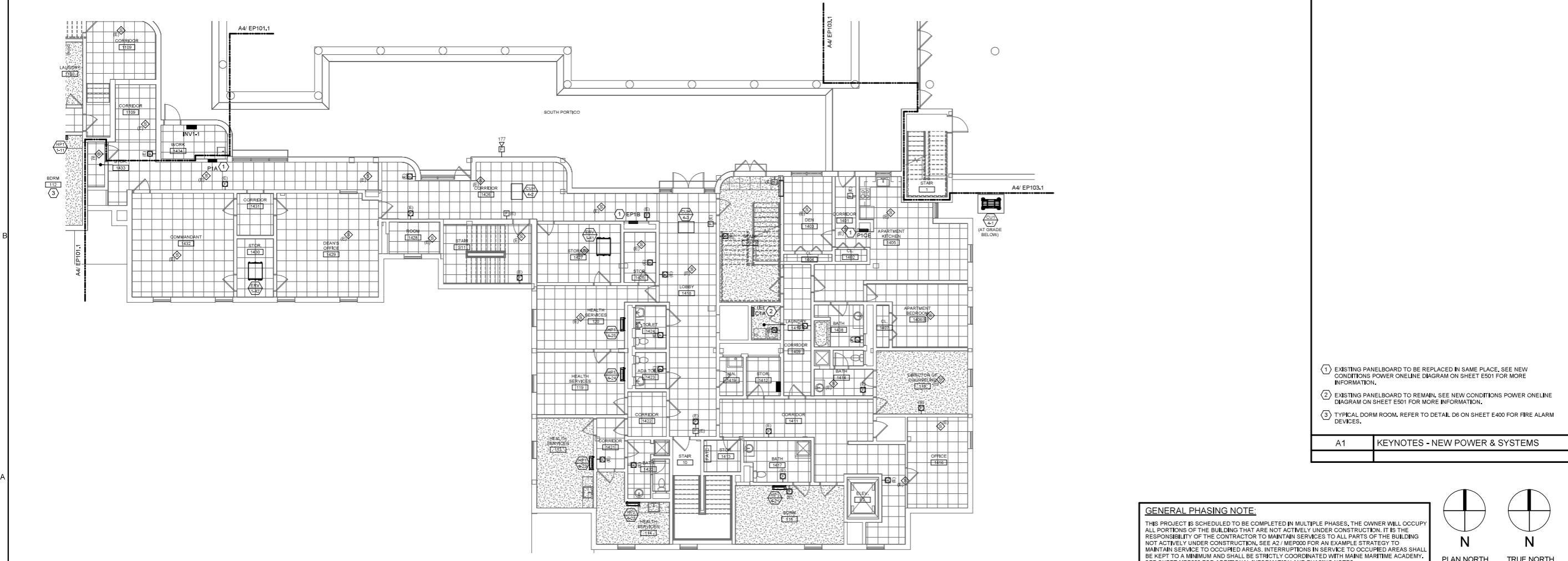
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PHASE 4 GROUND FLOOR POWER & SYSTEMS REMOVALS & NEW PLANS

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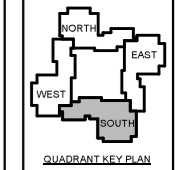
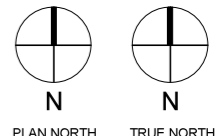


C6 PHASE 4 FIRST FLOOR ELECTRICAL REMOVALS - POWER & SYSTEMS
 1/8" = 1'-0" D1 KEYNOTES- POWER & SYSTEMS REMOVALS



A6 PHASE 4 FIRST FLOOR POWER & SYSTEMS PLAN
 1/8" = 1'-0" A1 KEYNOTES - NEW POWER & SYSTEMS

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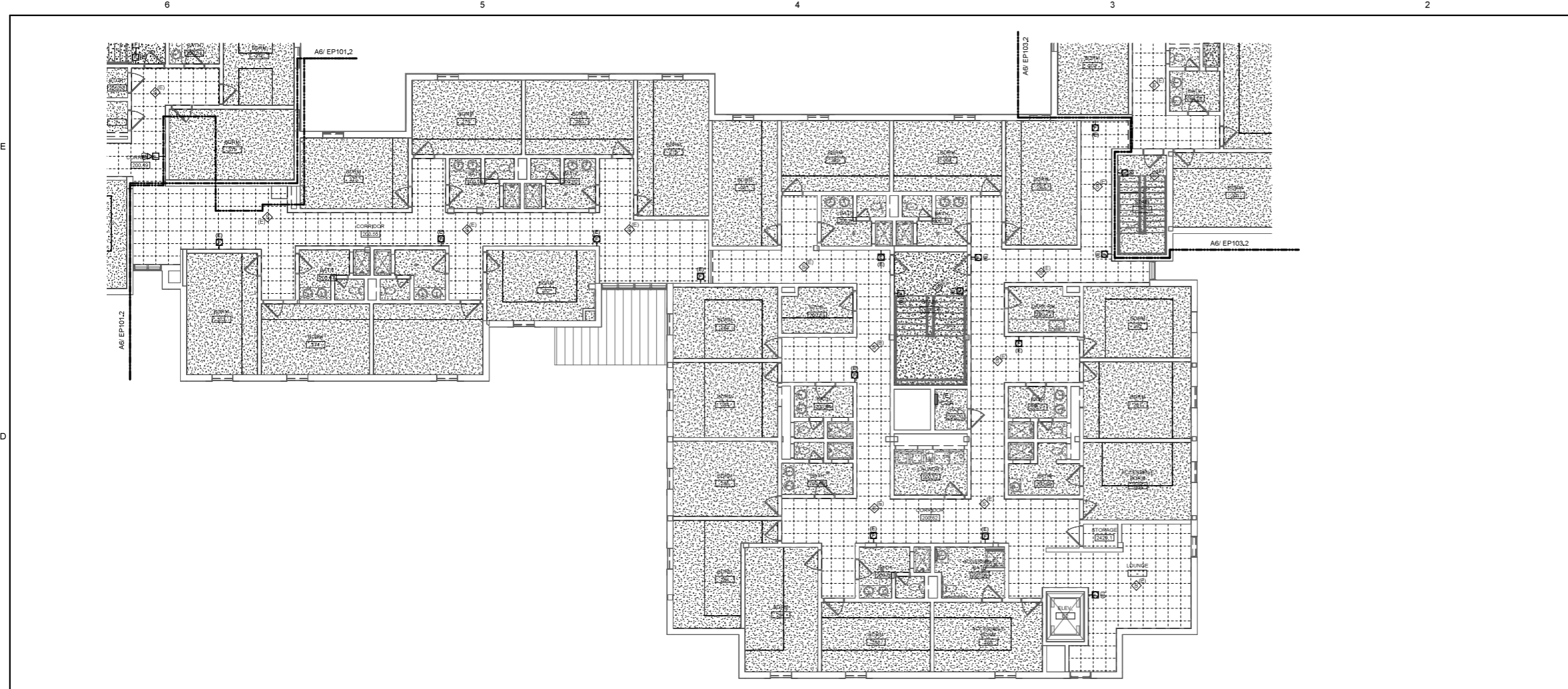
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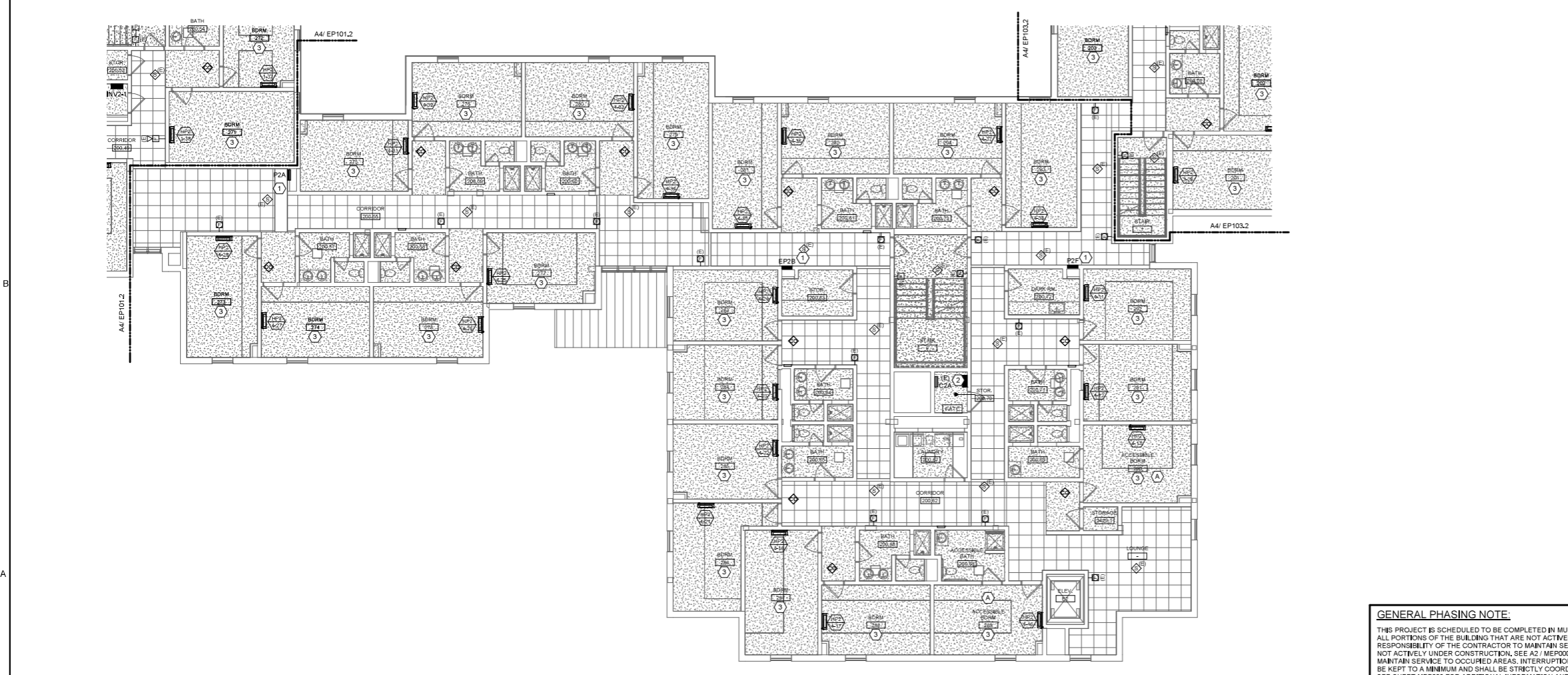
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 PHASE 4 FIRST FLOOR POWER & SYSTEMS REMOVALS & NEW PLANS

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C6 PHASE 4 SECOND FLOOR ELECTRICAL REMOVALS - POWER & SYSTEMS
1/8" = 1'-0"

D1 KEYNOTES- POWER & SYSTEMS REMOVALS



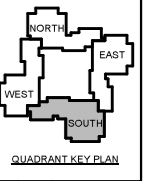
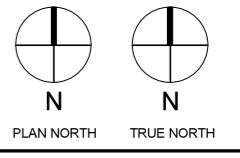
A6 PHASE 4 SECOND FLOOR POWER & SYSTEMS PLAN
1/8" = 1'-0"

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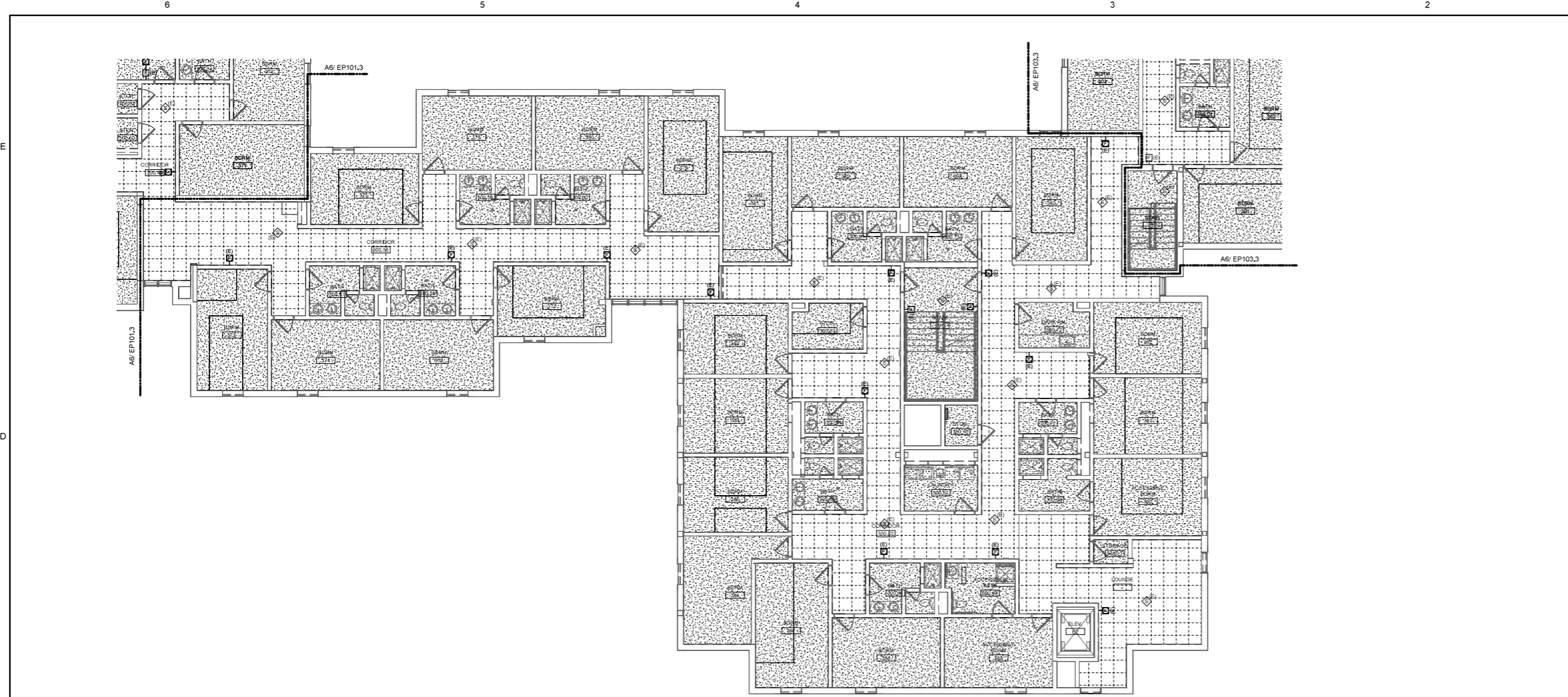
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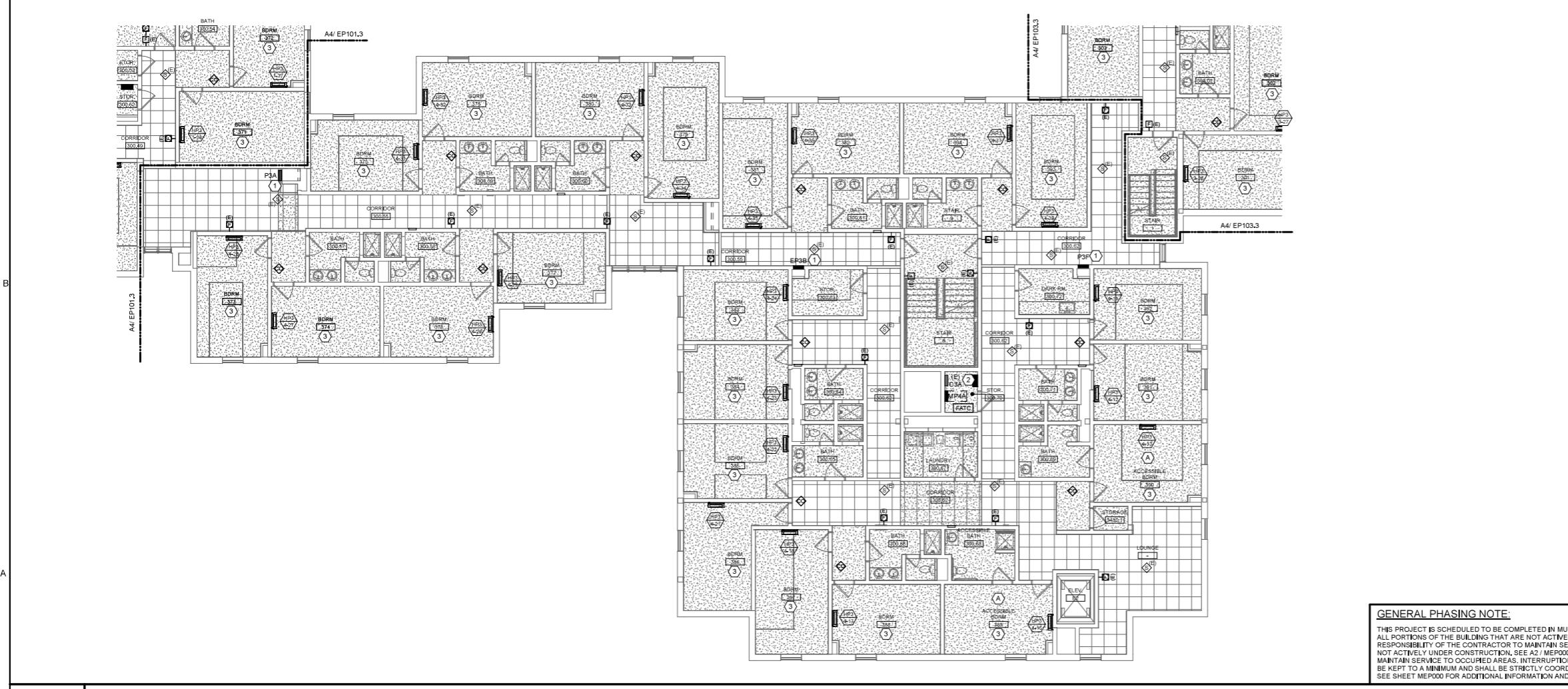
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PHASE 4 SECOND FLOOR POWER & SYSTEMS REMOVALS & NEW PLANS

SHEET
EP104.2



C6 PHASE 4 THIRD FLOOR ELECTRICAL REMOVALS - POWER & SYSTEMS
1/8" = 1'-0"

D1 KEYNOTES- POWER & SYSTEMS REMOVALS



A6 PHASE 4 THIRD FLOOR POWER & SYSTEMS PLAN
1/8" = 1'-0"

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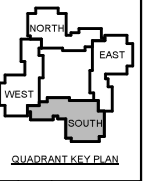
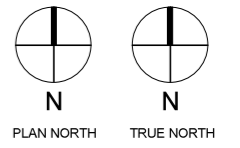
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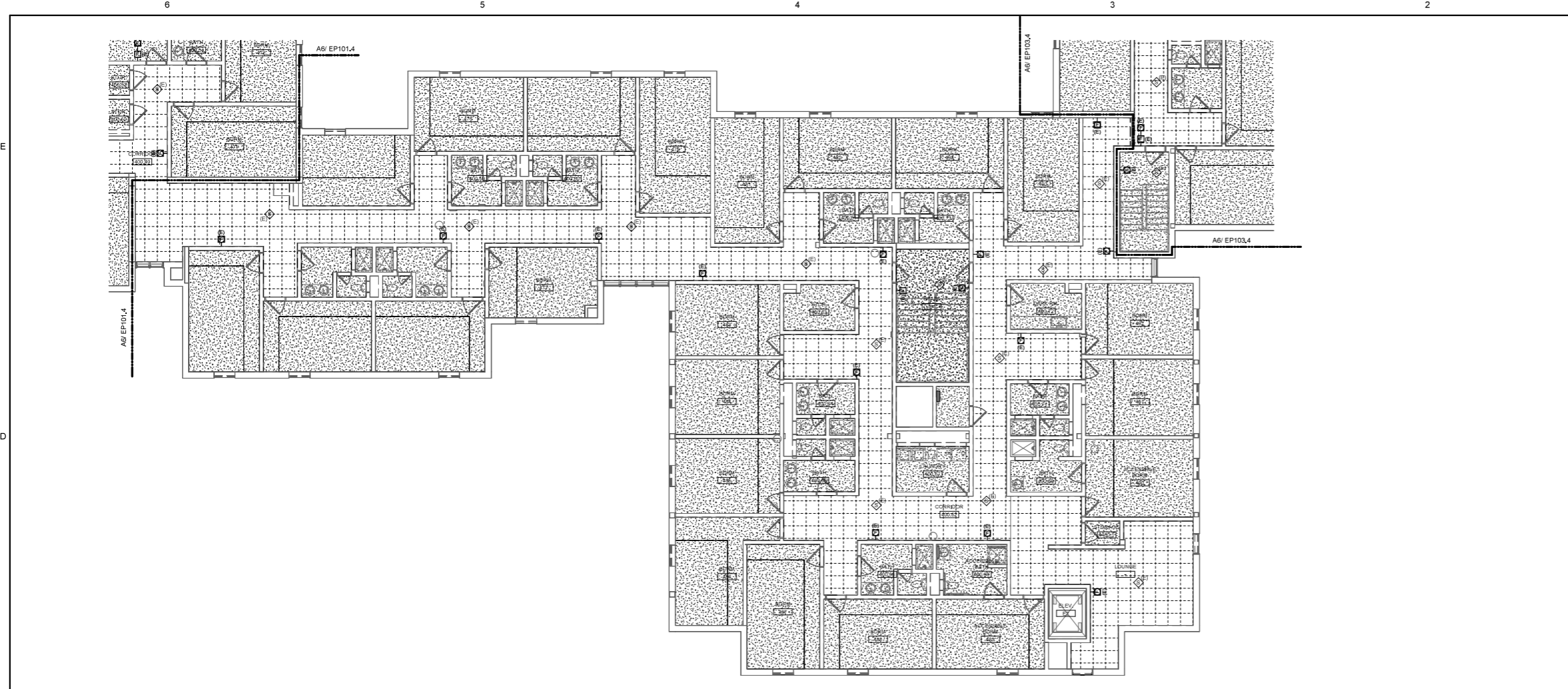
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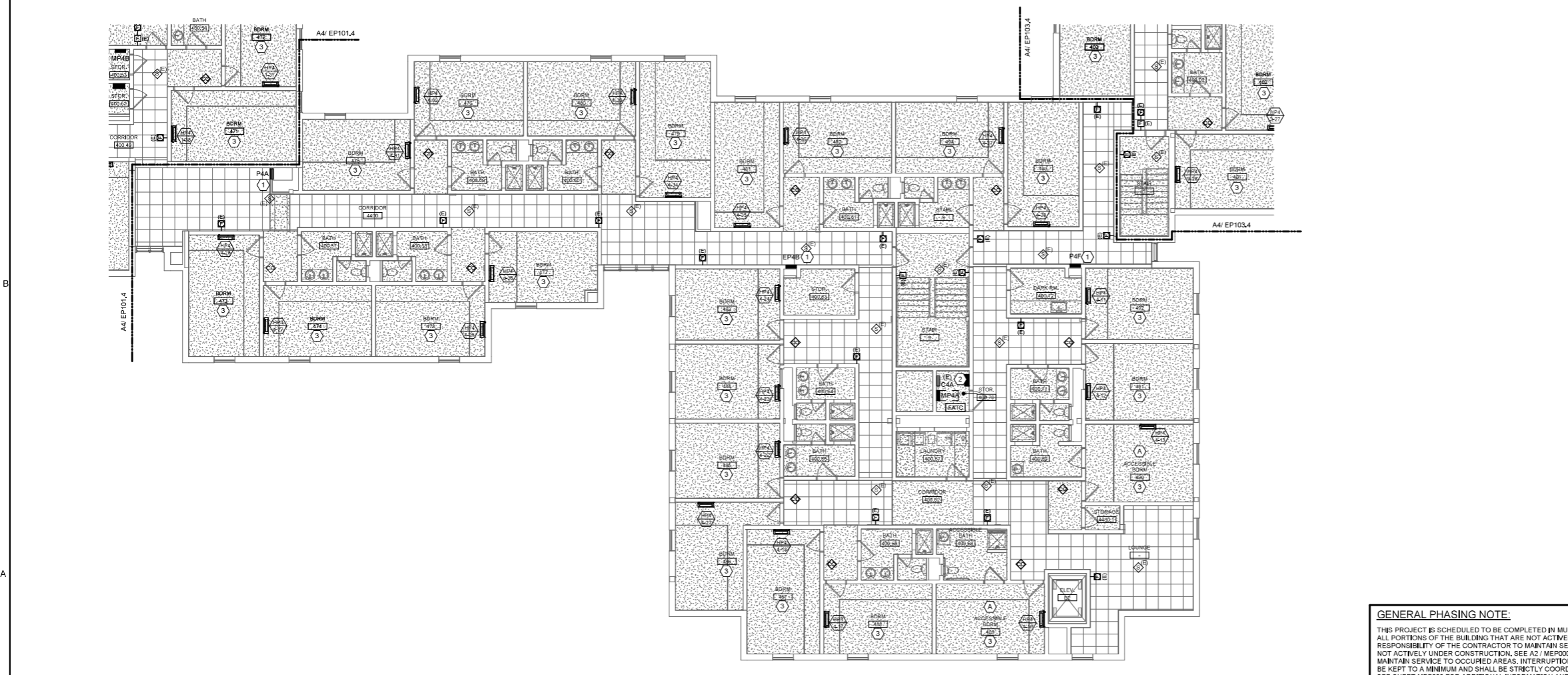
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PHASE 4 THIRD FLOOR POWER & SYSTEMS REMOVALS & NEW PLANS

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C6 PHASE 4 FOURTH FLOOR ELECTRICAL REMOVALS - POWER & SYSTEMS
1/8" = 1'-0"

D1 KEYNOTES- POWER & SYSTEMS REMOVALS



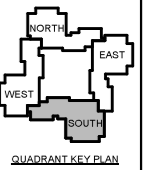
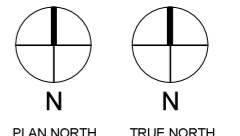
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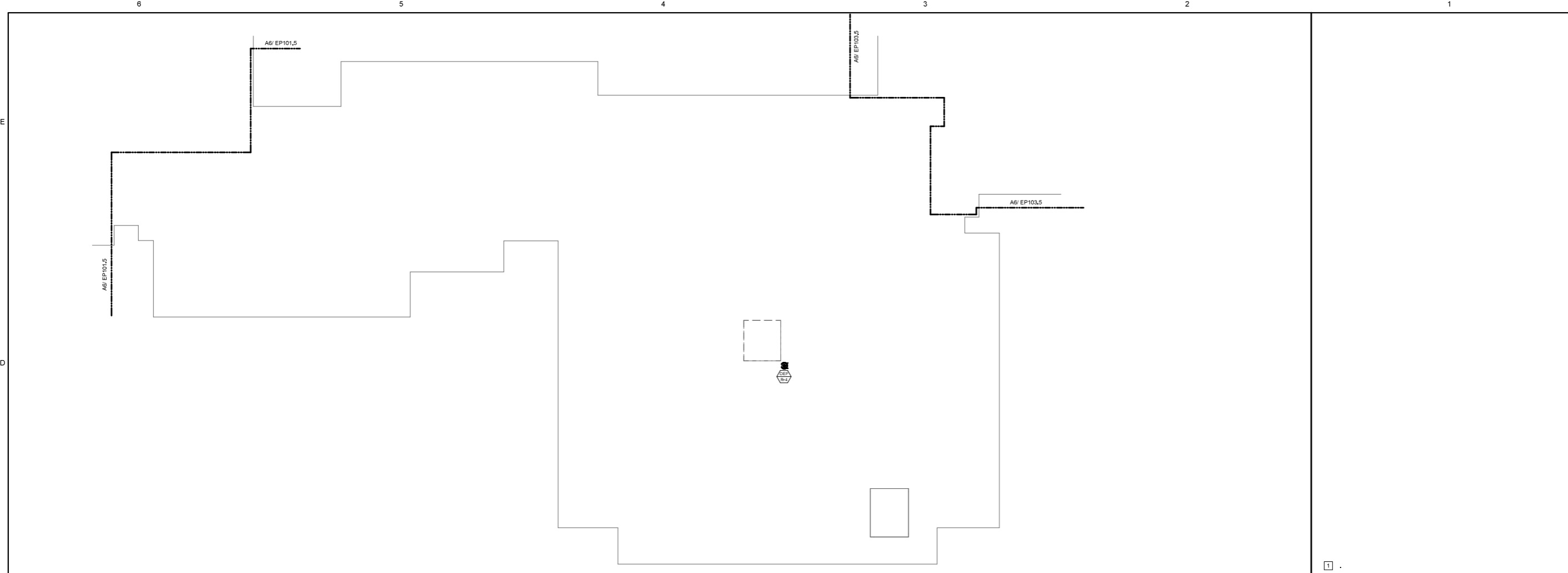
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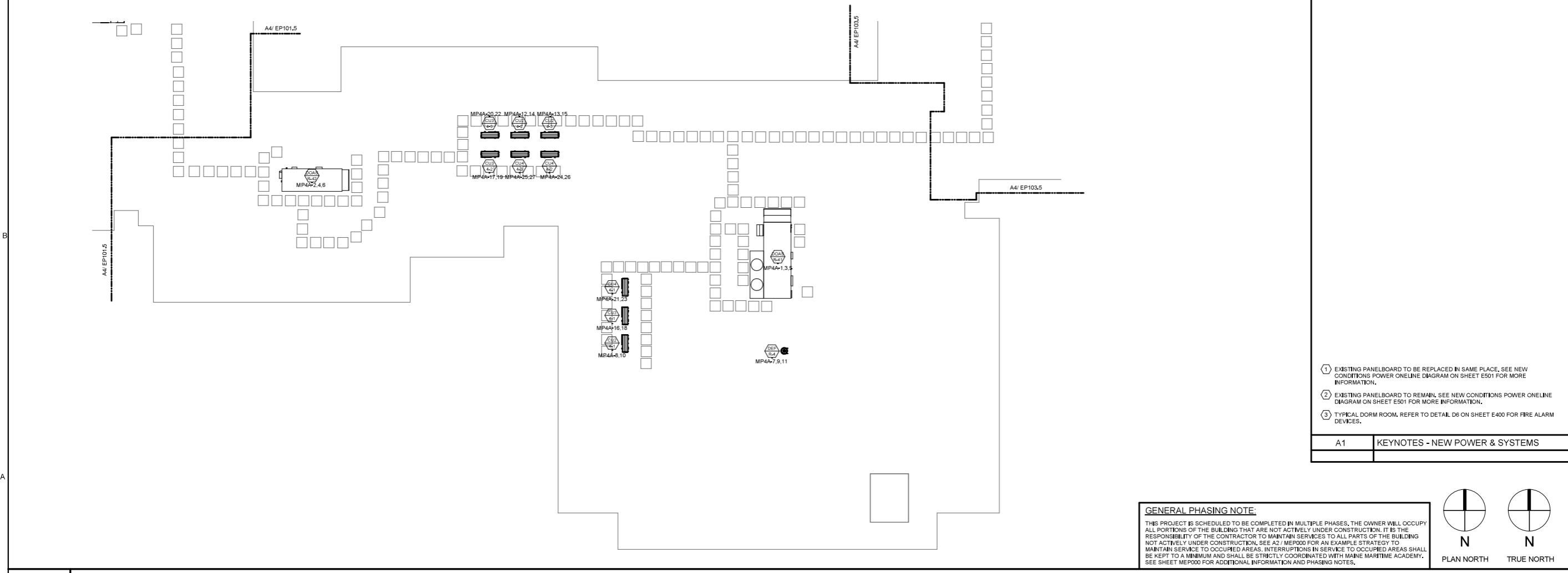
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TITLE
PHASE 4 FOURTH FLOOR POWER & SYSTEMS REMOVALS & NEW PLANS

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EP104.4

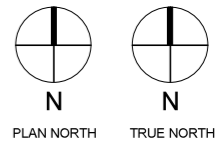


C6 PHASE 4 ROOF ELECTRICAL REMOVALS - POWER & SYSTEMS
1/8" = 1'-0"



A6 PHASE 4 ROOF POWER & SYSTEMS PLAN
1/8" = 1'-0"

GENERAL PHASING NOTE:
THIS PROJECT IS SCHEDULED TO BE COMPLETED IN MULTIPLE PHASES. THE OWNER WILL OCCUPY ALL PORTIONS OF THE BUILDING THAT ARE NOT ACTIVELY UNDER CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN SERVICES TO ALL PARTS OF THE BUILDING NOT ACTIVELY UNDER CONSTRUCTION. SEE A2/MEP000 FOR AN EXAMPLE STRATEGY TO MAINTAIN SERVICE TO OCCUPIED AREAS. INTERRUPTIONS IN SERVICE TO OCCUPIED AREAS SHALL BE KEPT TO A MINIMUM AND SHALL BE STRICTLY COORDINATED WITH MAINE MARITIME ACADEMY. SEE SHEET MEP000 FOR ADDITIONAL INFORMATION AND PHASING NOTES.



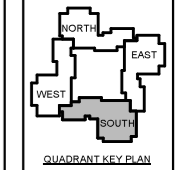
- ① EXISTING PANELBOARD TO BE REPLACED IN SAME PLACE, SEE NEW CONDITIONS POWER ONELINE DIAGRAM ON SHEET E501 FOR MORE INFORMATION.
- ② EXISTING PANELBOARD TO REMAIN, SEE NEW CONDITIONS POWER ONELINE DIAGRAM ON SHEET E501 FOR MORE INFORMATION.
- ③ TYPICAL DORM ROOM, REFER TO DETAIL D6 ON SHEET E400 FOR FIRE ALARM DEVICES.

A1 KEYNOTES - NEW POWER & SYSTEMS

D1 KEYNOTES- POWER & SYSTEMS REMOVALS

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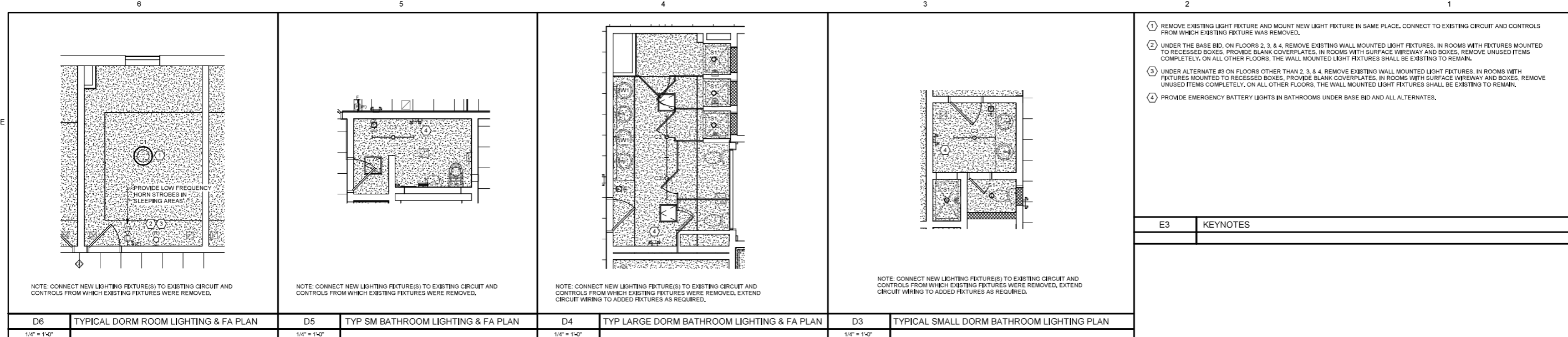
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11/22/2023

TITLE
PHASE 4 ROOF POWER & SYSTEMS REMOVALS & NEW PLANS

SHEET
EP104.5



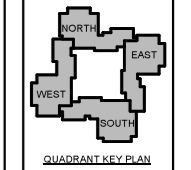
- ① REMOVE EXISTING LIGHT FIXTURE AND MOUNT NEW LIGHT FIXTURE IN SAME PLACE, CONNECT TO EXISTING CIRCUIT AND CONTROLS FROM WHICH EXISTING FIXTURE WAS REMOVED.
- ② UNDER THE BASE BID, ON FLOORS 2, 3, & 4, REMOVE EXISTING WALL MOUNTED LIGHT FIXTURES, IN ROOMS WITH FIXTURES MOUNTED TO RECESSED BOXES, PROVIDE BLANK COVERPLATES. IN ROOMS WITH SURFACE WIREWAY AND BOXES, REMOVE UNUSED ITEMS COMPLETELY. ON ALL OTHER FLOORS, THE WALL MOUNTED LIGHT FIXTURES SHALL BE EXISTING TO REMAIN.
- ③ UNDER ALTERNATE #3 ON FLOORS OTHER THAN 2, 3, & 4, REMOVE EXISTING WALL MOUNTED LIGHT FIXTURES. IN ROOMS WITH FIXTURES MOUNTED TO RECESSED BOXES, PROVIDE BLANK COVERPLATES. IN ROOMS WITH SURFACE WIREWAY AND BOXES, REMOVE UNUSED ITEMS COMPLETELY. ON ALL OTHER FLOORS, THE WALL MOUNTED LIGHT FIXTURES SHALL BE EXISTING TO REMAIN.
- ④ PROVIDE EMERGENCY BATTERY LIGHTS IN BATHROOMS UNDER BASE BID AND ALL ALTERNATES.

E3	KEYNOTES
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D6	TYPICAL DORM ROOM LIGHTING & FA PLAN	D5	TYP SM BATHROOM LIGHTING & FA PLAN	D4	TYP LARGE DORM BATHROOM LIGHTING & FA PLAN	D3	TYPICAL SMALL DORM BATHROOM LIGHTING PLAN
1/4" = 1'-0"		1/4" = 1'-0"		1/4" = 1'-0"		1/4" = 1'-0"	

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TITLE
ELECTRICAL
ENLARGED PLANS

SHEET
E400

DRAWING GENERAL NOTES:

THE VERTICAL LINES SEPARATING THE QUADRANTS BELOW (YELLOW, BLUE ETC.) DENOTE WORK TO BE PERFORMED IN EACH RESPECTIVE PHASE. EXCEPTIONS ARE KEYNOTED.

ON THIS SHEET (ER) INDICATES NEW EQUIPMENT REPLACING EXISTING EQUIPMENT. SEE PANEL SCHEDULE SHEET E602 FOR RESPECTIVE PANEL RATINGS.

ON THIS SHEET (E) INDICATES NO WORK ASSOCIATED WITH EQUIPMENT.

ON THIS SHEET THE ABSENCE OF (E) OR (ER) INDICATES NEW ITEM. SEE FLOOR PLANS FOR MORE INFORMATION.

- ① REFER TO SWITCHBOARD MDS SCHEDULE SHEET E601
- ② NEW 2 HOUR RATED LIFE SAFETY POWER CLOSET (FOR FIRE PUMP) INSIDE EXISTING MAINELECTRICAL ROOM. REFER TO SHEET EP100,1A
- ③ TEMPORARILY CONNECT TO THE EXISTING POWER DISTRIBUTION EQUIPMENT IN EXISTING MAIN ELECTRICAL ROOM. PROVIDE SPLICE BOX IN EXISTING MAIN ELECTRICAL ROOM THAT WILL FACILITATE THE PERMANENT FEED FOR THIS PANEL TO THE NEW SWITCHGEAR UNDER THE NEXT PHASE.
- ④ NEW EQUIPMENT SCHEDULED TO BE INSTALLED IN PHASE 2 WORK. SEE FLOOR PLANS FOR MORE INFORMATION.

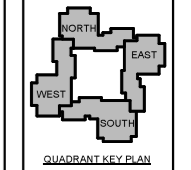
E2	KEYNOTES
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04101
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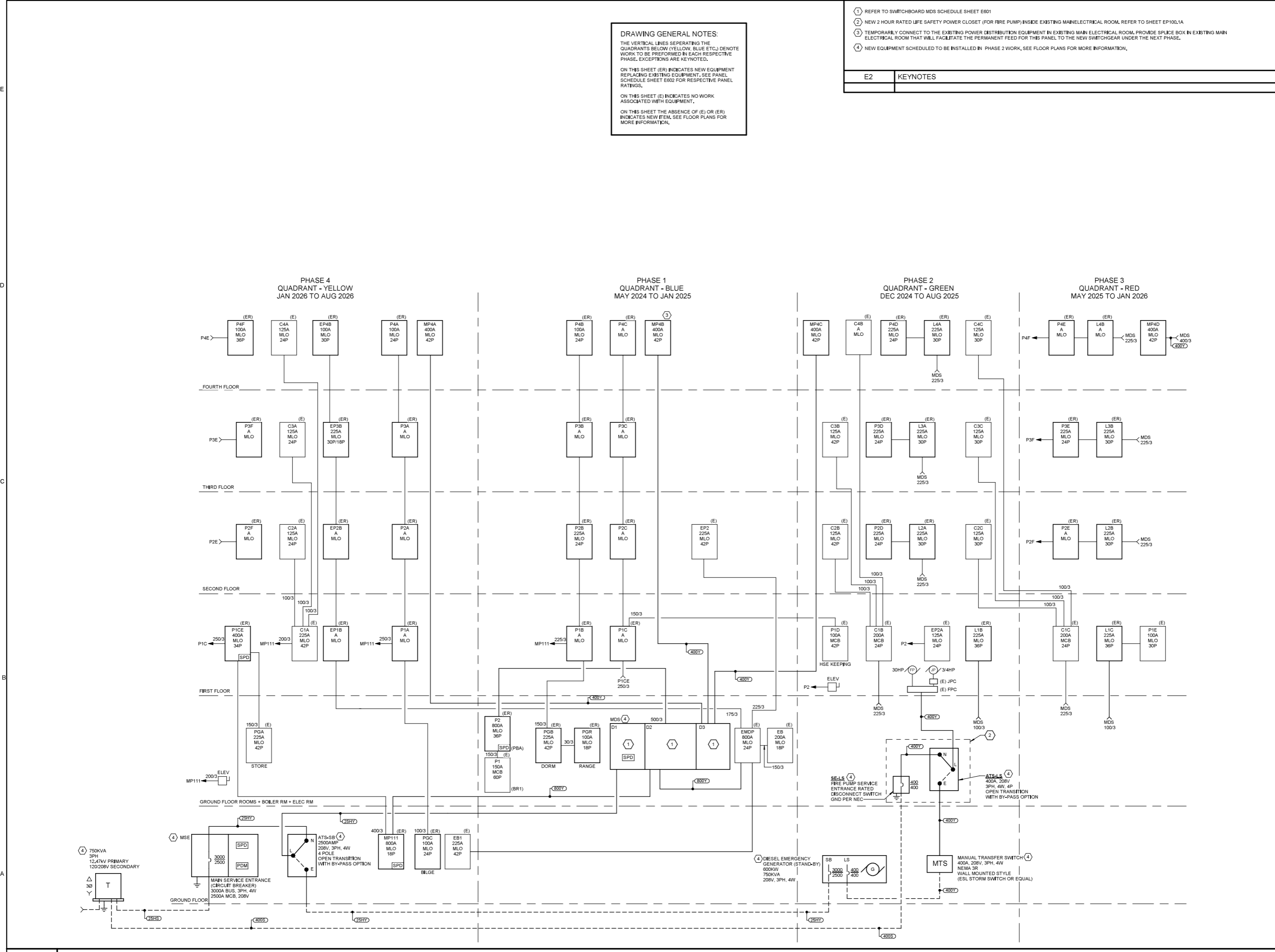
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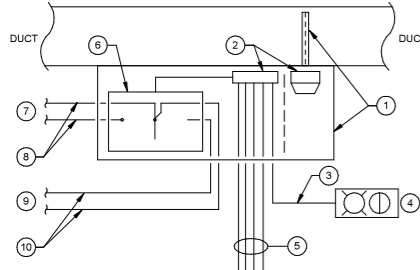
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TITLE
NEW CONDITIONS POWER RISER DIAGRAM

SHEET
E501



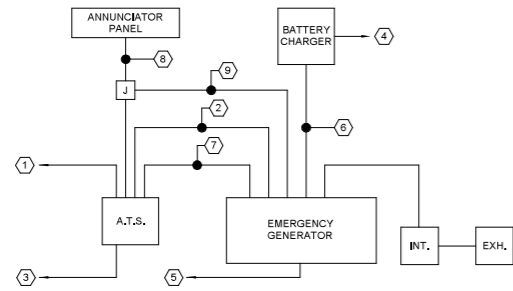


TAG	DESCRIPTION	FURN. BY DIV.	INST. BY DIV.	WIRED BY DIV.
1	AIR SAMPLING TUBE INSTALLED INTO THE DUCTWORK AND CONNECTED TO THE RESPECTIVE DUCT TYPE SMOKE DETECTOR HOUSING MOUNTED ON THE DUCTWORK	26	23	N/A
2	PHOTOELECTRIC TYPE ADDRESSABLE SMOKE DETECTOR WITH LOW VOLT TERM, ALARM CONTACTS AND AUXILIARY CONTACTS FOR REMOTE INDICATOR AND TEST STATION (RTS)	26	26	26
3	SIGNAL WIRING FROM AUXILIARY CONTACTS ON DUCT TYPE SMOKE DETECTOR TO RESPECTIVE (RTS)	26	26	26
4	DUCT TYPE SMOKE DETECTOR (RTS)	26	26	26
5	ADDRESSABLE FIRE ALARM SYSTEM INITIATION LOOP AND LOW VOLT POWER WIRING	26	26	26
6	DETECTOR RELAY UNIT WITH ONE (NO) AND ONE (N/O) FORM "C" CONTACT, FOR HVAC CONTROL WIRING. IF UNIT IS NOT INTEGRAL AND LOCATED WITHIN THE HOUSING THEN INSTALL IN JUNCTION BOX WITH LABEL	26	26	N/A
7	CONTROL SIGNAL WIRING FROM RESPECTIVE DETECTOR RELAY UNIT TO RESPECTIVE STARTER OR VFD FOR FAN SHUT DOWN	23	23	23
8	EXTEND AND TERMINATE THE CONTROL SIGNAL CIRCUIT TO THE APPROPRIATE TERMINALS (SHUT DOWN OF THE RESPECTIVE STARTER OR VFD UNIT AS IDENTIFIED IN THE CONTROL SCOPE)	23	23	23
9	CONTROL SIGNAL WIRING FROM RESPECTIVE DETECTOR RELAY BASE TO RESPECTIVE STARTER OR VFD UNIT FOR BMS OVERRIDE	23	23	23
10	EXTEND AND TERMINATE THE CONTROL SIGNAL CIRCUIT TO THE APPROPRIATE TERMINALS (OVERRIDE) OF THE RESPECTIVE STARTER OR VFD UNIT AS IDENTIFIED IN THE CONTROL SCOPE	23	23	23

SEQUENCE OF OPERATION AND COORDINATION NOTES:

1. WHEN PRESENCE OF SMOKE IN THE DUCT IS SENSED BY THE DUCT SMOKE DETECTOR, AN ALARM SIGNAL SHALL BE SENT TO THE FIRE ALARM CONTROL PANEL (FACP).
2. CONTROL WIRING SHALL BE PROVIDED FROM APPROPRIATE CONTACT IN THE ADDRESSABLE CONTROL MODULE TO OVERRIDE THE BUILDING MANAGEMENT SYSTEM (BMS) SYSTEM CONTROL OF THE RESPECTIVE HVAC EQUIPMENT.
3. UPON ALARM ACTIVATION OF DUCT TYPE SMOKE DETECTOR, (OTHER THAN FOR FIRE DRILLS OR TESTING) THE N.C. CONTACT IN THE DETECTOR RELAY UNIT SHALL OPEN AND SHUT DOWN THE RESPECTIVE FAN.
4. HVAC EQUIPMENT 2,000 CFM AND OVER: PROVIDE DUCT SMOKE DETECTOR SYSTEM IN DUCT WORK ON SUPPLY SIDE OF RESPECTIVE UNIT AT LOCATION IDENTIFIED ON MECHANICAL PLANS.
5. HVAC EQUIPMENT 15,000 CFM AND OVER: PROVIDE DUCT SMOKE DETECTOR SYSTEM IN DUCT WORK ON RETURN SIDE OF RESPECTIVE UNIT AT LOCATION IDENTIFIED ON MECHANICAL PLANS.
6. REFER TO FLOOR PLANS FOR PROPOSED QUANTITY AND LOCATION OF DUCT TYPE SMOKE DETECTORS.
7. THE ELECTRICAL AND MECHANICAL CONTRACTORS SHALL COORDINATE AND CONFIRM, IN THE FIELD, THE EXACT QUANTITY, LOCATION AND WIRING CONNECTION POINTS FOR EACH DUCT TYPE SMOKE DETECTORS REQUIRED FOR THE PROJECT.

D6 DUCT SMOKE DETECTOR INSTALLATION & CONTROL INTERFACE WIRING DIAGRAM

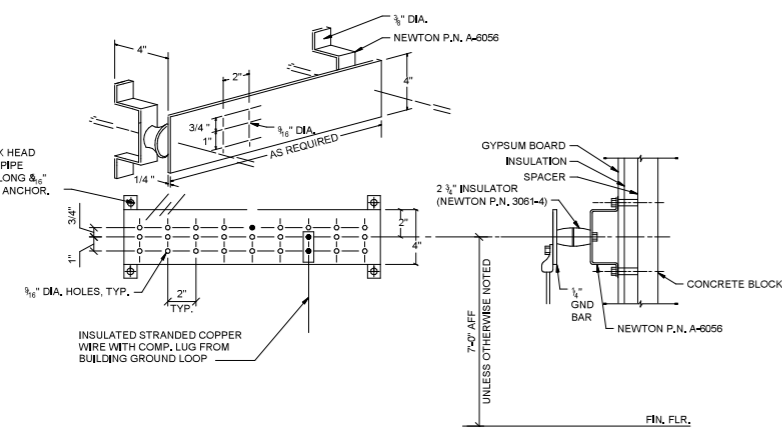


KEY NOTES:

- | | |
|--|---|
| 1 POWER WIRING, NORMAL SOURCE TO A.T.S. | 6 POWER WIRING, BATTERY CHARGER OUTPUT CONNECTION TO BATT. (1/2" C., 2 #10) |
| 2 POWER WIRING, GENERATOR OUTPUT TO A.T.S. | 7 CONTROL WIRING, ENGINE START CIRCUIT (1/2" C., 3 #14) |
| 3 POWER WIRING, TO EMERGENCY DIST. PANEL | 8 SIGNAL WIRING TO REMOTE ANNUNCIATOR (3/4" C., 2 #10 & 17 #14) |
| 4 POWER WIRING, 120V NORMAL CKT. INPUT TO BATTERY CHARGER (1/2" C., 2 #12) | 9 SIGNAL WIRING TO REMOTE ANNUNCIATOR (3/4" C., 2 #10 & 14 #14) |
| 5 POWER WIRING, ENGINE JACKET WATER HEATER AND VENT DAMPERS (1/2" C., 2 #10 & 2 #12) | |

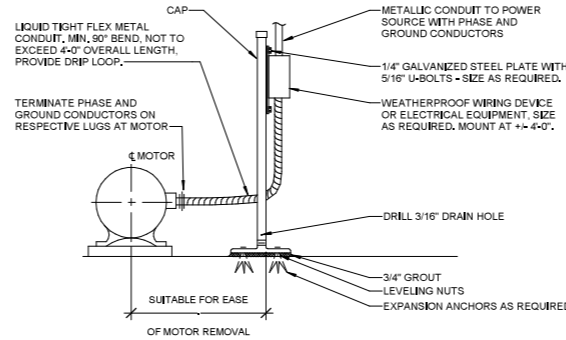
NOTE: CONFIRM ALL WIRING TYPES, SIZES, AND QUANTITIES SHOWN IN THIS DETAIL WITH THE APPROVED SHOP DRAWING, VENDOR-PROVIDED WIRING DIAGRAM, AND INSTALLATION INSTRUCTIONS PRIOR TO ROUGH-IN.

C6 EMERGENCY GENERATOR WIRING DIAGRAM



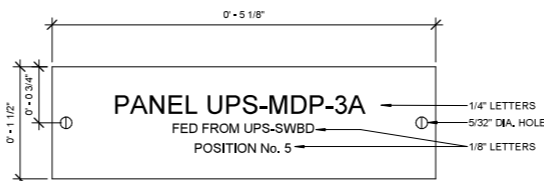
NOTE:
1. BUS BARS OVER 20" IN LENGTH REQUIRE ONE ADDITIONAL INSULATOR SUPPORT.

A6 TYPICAL 4" GROUND BAR DETAIL



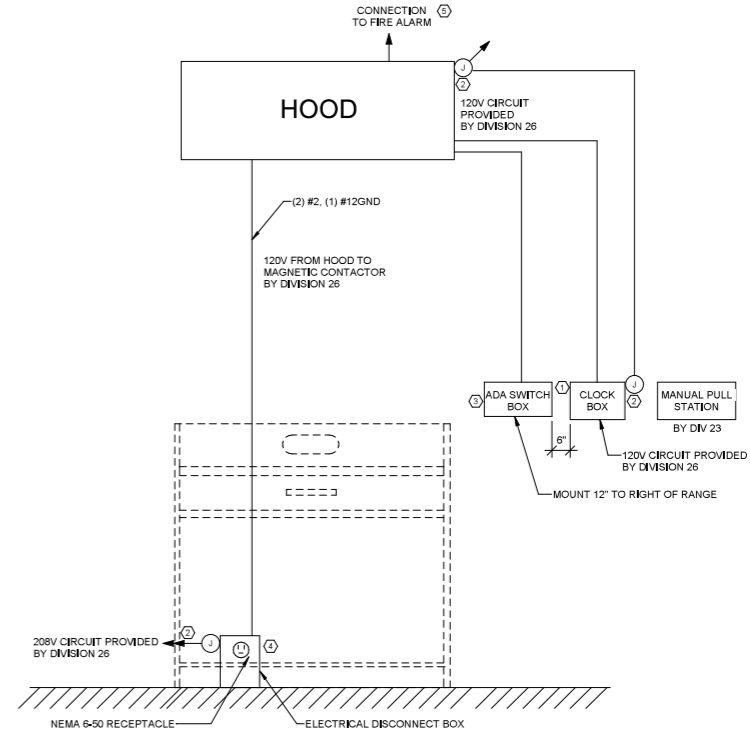
NOTE:
1. ALL MOUNTING HARDWARE TO BE GALVANIZED.

C4 TYPICAL OUTDOOR MOTOR CONNECTION DETAIL



NOTES:
1. REFER TO SPECIFICATIONS FOR ADDITIONAL NAMEPLATE REQUIREMENTS.
2. NAMEPLATE TO BE 1/16" THICK WHITE PLASTIC WITH BLACK CENTER LAMINATION, FACE SHALL BE WHITE, ENGRAVED LETTERS SHALL BE BLACK.
3. SECURE NAMEPLATE TO SURFACES WITH (2) FLAT HEAD BRASS SCREWS, ADHESIVE CEMENT SHALL NOT BE ALLOWED.

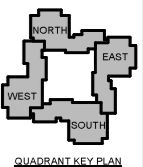
B4 TYPICAL NAME PLATE DETAIL



DETAIL KEYNOTES:

1. EQUIPMENT AND CONNECTING WIRING PROVIDED BY DIVISION 23, DIVISION 26 SHALL PROVIDE A 1-GANG BOX MOUNTED AT 4" AFF WITH 1" CONDUIT W/ PULL STRING TO HOOD LOCATION, VERIFY EXACT LOCATION IN FIELD.
2. REFER TO FLOOR PLANS FOR CIRCUITING, RANGE WIRING SHALL BE (3) #6, #10G.
3. EQUIPMENT AND CONNECTING WIRING PROVIDED BY DIVISION 23, DIVISION 26 SHALL PROVIDE A 2-GANG BOX MOUNTED AT 4" AFF WITH 1" CONDUIT W/ PULL STRING TO HOOD LOCATION, VERIFY EXACT LOCATION IN FIELD.
4. WIRE AND CONNECT APPLIANCE TO ELECTRICAL DISCONNECT BOX FURNISHED BY DIVISION 23, COORDINATE WIRING AND INSTALLATION WITH DIVISION 23 PRIOR TO ROUGH-IN.
5. WIRE AND CONNECT TO FIRE ALARM TO ACTIVATE SUPERVISORY CONDITION UPON ACTIVATION OF HOOD FIRE SUPPRESSION, PROVIDE ADDRESSABLE INTERFACE DEVICES AS REQUIRED.

A2 LIGHT COMMERCIAL HOOD WIRING DETAIL



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TITLE
ELECTRICAL DETAILS

SHEET
E502

VOLTAGE DROP CHART				
MAXIMUM LOAD (VA)	MAXIMUM LENGTH PER CONDUCTOR SIZE			
	#12	#10	#8	
120 VOLT CIRCUITS				
800	155	245	390	
1000	125	195	310	
1200	105	165	260	
1400	90	140	220	
1600	80	125	195	
1800	70	110	175	
277 VOLT CIRCUITS				
2000	330	525	830	
2500	265	420	665	
3000	220	350	555	
3500	190	300	475	
4000	165	260	415	

BRANCH CIRCUITS SCHEDULE	
CIRCUIT BREAKER	CONDUCTOR
120 OR 277 VOLT, 1 PH., 2W CIRCUITS	
15A-1P, 20A-1P	2#12 & 1#12 GND - 3/4" C.
30A-1P	2#10 & 1#10 GND - 3/4" C.
40A-1P	2#8 & 1#10 GND - 3/4" C.
50A-1P	2#6 & 1#10 GND - 3/4" C.
60A-1P	2#6 & 1#10 GND - 3/4" C.
208 OR 480 VOLT, 1PH., 2W CIRCUITS	
15A-2P, 20A-2P	2#12 & 1#12 GND - 3/4" C.
30A-2P	2#10 & 1#10 GND - 3/4" C.
40A-2P	2#8 & 1#10 GND - 3/4" C.
50A-2P	2#6 & 1#10 GND - 3/4" C.
60A-2P	2#6 & 1#10 GND - 3/4" C.
208 OR 480 VOLT, 3PH., 3W CIRCUITS	
15A-3P, 20A-3P	3#12 & 1#12 GND - 3/4" C.
30A-3P	3#10 & 1#10 GND - 3/4" C.
40A-3P	3#8 & 1#10 GND - 3/4" C.
50A-3P	3#6 & 1#10 GND - 3/4" C.
60A-3P	3#6 & 1#10 GND - 3/4" C.

BRANCH CIRCUIT SCHEDULE NOTES:

- TYPE MC CABLE SHALL INCLUDE FULL SIZE INSULATED GROUND CONDUCTOR, SIZES AS INDICATED IN SCHEDULE.
- WIRING BASED ON MAXIMUM FEEDER LENGTH OF 150 FEET FOR 120 VOLT CIRCUITS AND 300 FEET FOR 277 VOLT CIRCUITS.
- UPGRADE WIRE AND CONDUIT SIZE AS REQUIRED TO ADDRESS VOLTAGE DROP.

THREE PHASE AND SINGLE PHASE CIRCUIT SCHEDULE NOTES	
1	UNLESS OTHERWISE INDICATED, CONDUCTOR SIZING SHALL MATCH THE SIZE INDICATED FOR THE APPLICABLE OVERCURRENT DEVICE, PROVIDE LARGER CONDUCTORS AND RACEWAY WHERE INDICATED.
2	PROVIDE TYPE AND MINIMUM SIZE OF RACEWAY OR CABLE AS INDICATED IN SPECIFICATION OR ON THE DRAWINGS.
3	PROVIDE NEUTRAL IN CIRCUIT UNLESS DEVICE SERVED DOES NOT HAVE PROVISIONS FOR A NEUTRAL CONNECTION.
4	MINIMUM SIZE CONDUIT FOR SCHEDULE 80 OR ENT IS ONE STANDARD ELECTRICAL SIZE LARGER THAN INDICATED IN THE SCHEDULE, PROVIDE LARGER CONDUIT WHERE SPECIFICALLY INDICATED OTHERWISE, DO NOT INSTALL PVC INDOORS.
5	PROVIDE SEPARATE, INSULATED EQUIPMENT GROUNDING CONDUCTOR WITH EACH FEEDER AND BRANCH CIRCUIT.
6	PROVIDE ADDITIONAL ISOLATED GROUNDING CONDUCTOR SAME SIZE AS THE EQUIPMENT GROUND, IN CIRCUITS TO ISOLATED GROUND PANELS OR DEVICES, GREEN WITH YELLOW STRIPE.
7	FOR PANELS WITH 200% NEUTRAL PROVIDE 200% NEUTRAL USING TWO PHASE SIZED CONDUCTORS IF SIZE 1/0 OR LARGER, OTHERWISE PROVIDE (1) 3/0 NEUTRAL.
8	PROVIDE SEPARATE INDIVIDUAL NEUTRAL FOR ALL CIRCUITS EXCEPT LIGHTING CIRCUITS, PROVIDE A DEDICATED NEUTRAL FOR GFCI AND AFCI CIRCUITS.
9	CIRCUIT SIZING BASED ON 600 VOLT 90 DEGREE (C) RATED INSULATION, INTERIOR TYPE THHN/THWN OR XHHW-2 (LARGER THAN SIZE #6), FOR EXTERIOR OR BELOW GRADE UTILIZE RHW-2/USE-2 IN CONDUIT ONE SIZE LARGER, SIZING BASED ON 60 DEGREE (C) FOR AMPACITIES 100A OR LESS AND 75 DEGREE (C) AMPACITIES OVER 100A.
10	FOR SERVICE ENTRANCE CONDUCTORS IT IS NOT REQUIRED TO INSTALL THE GROUNDING CONDUCTOR, THE NEUTRAL CONDUCTOR IS FULL SIZED AND IS BONDED TO THE GROUNDING ELECTRODE CONDUCTOR AT THE TRANSFORMER AND THE SERVICE DISCONNECT.
11	FOR BATTERY CABLES, INSTALL AND GROUP IN PAIRS (ONE POSITIVE AND ONE NEGATIVE CONDUCTOR), MARK POSITIVE CONDUCTOR WITH (5) OVERLAPPING WRAPS OF RED ELECTRICAL TAPE ON EACH END.

FEEDER SCHEDULE										
TAG	MAXIMUM AMPERE RATING	PHASE AND NEUTRAL CONDUCTORS (NOTE 1)	GROUND CONDUCTOR (NOTE 2)	CONDUIT (NOTE 3)	TAG	MAXIMUM AMPERE RATING	PHASE AND NEUTRAL CONDUCTORS (NOTE 1)	GROUND CONDUCTOR (NOTE 2)	CONDUIT (NOTE 3)	
15D	15	3#12	1#12	3/4"	400D	400	3#500 KCMIL	1#3	3 1/2"	
15Y	15	4#12	1#12	3/4"	400Y	400	4#500 KCMIL	1#3	4"	
30D	30	3#10	1#10	3/4"	450D	450	2 SETS OF 3#250 KCMIL	2-#2	2-2 1/2"	
30Y	30	4#10	1#10	3/4"	450Y	450	2 SETS OF 4#250 KCMIL	2-#2	2-3"	
50D	50	3#8	1#10	3/4"	500D	500	2 SETS OF 3#250 KCMIL	2-#2	2-2 1/2"	
50Y	50	4#8	1#10	1"	500Y	500	2 SETS OF 4#250 KCMIL	2-#2	2-3"	
60D	60	3#6	1#10	3/4"	600D	600	2 SETS OF 3#350 KCMIL	2-#1	2-3"	
60Y	60	4#6	1#10	1 1/4"	600Y	600	2 SETS OF 4#350 KCMIL	2-#1	2-3"	
80D	80	3#4	1#8	1 1/4"	700D	700	2 SETS OF 3#500 KCMIL	2-#1/0	2-3 1/2"	
80Y	80	4#4	1#8	1 1/4"	700Y	700	2 SETS OF 4#500 KCMIL	2-#1/0	2-4"	
100D	100	3#2	1#6	1 1/4"	800D	800	2 SETS OF 3#600 KCMIL	2-#1/0	2-3 1/2"	
100Y	100	4#2	1#6	1 1/4"	800Y	800	2 SETS OF 4#600 KCMIL	2-#1/0	2-4"	
125D	125	3#1	1#6	1 1/2"	900D	900	3 SETS OF 3#500 KCMIL	2-#2/0	3-3"	
125Y	125	4#1	1#6	1 1/2"	900Y	900	3 SETS OF 4#500 KCMIL	2-#2/0	3-3"	
150D	150	3#1/0	1#6	1 1/2"	10HD	1000	3 SETS OF 3#400 KCMIL	3-#2/0	3-2 1/2"	
150Y	150	4#1/0	1#6	2"	10HY	1000	3 SETS OF 4#400 KCMIL	2-#2/0	3-3"	
175D	175	2#2/0	1#6	2"	12HD	1200	3 SETS OF 3#600 KCMIL	3-#3/0	3-4"	
175Y	175	4#2/0	1#6	2"	12HY	1200	3 SETS OF 4#600 KCMIL	3-#3/0	3-4"	
200D	200	2#3/0	1#6	2"	16HD	1600	4 SETS OF 3#600 KCMIL	4-#4/0	4-4"	
200Y	200	4#3/0	1#6	2"	16HY	1600	4 SETS OF 4#600 KCMIL	4-#4/0	4-4"	
225D	225	3#4/0	1#4	2"	20HD	2000	5 SETS OF 3#600 KCMIL	5-#250 KCMIL	5-4"	
225Y	225	4#4/0	1#4	2 1/2"	20HY	2000	5 SETS OF 4#600 KCMIL	5-#250 KCMIL	5-4"	
250D	250	3#250 KCMIL	1#4	2 1/2"	25HD	2500	6 SETS OF 3#600 KCMIL	6-#350 KCMIL	6-4"	
250Y	250	4#250 KCMIL	1#4	3"	25HY	2500	6 SETS OF 4#600 KCMIL	6-#350 KCMIL	6-4"	
300D	300	3#350 KCMIL	1#4	3"	30HD	3000	8 SETS OF 3#600 KCMIL	8-#500 KCMIL	8-4"	
300Y	300	4#350 KCMIL	1#4	3"	30HY	3000	8 SETS OF 4#600 KCMIL	8-#500 KCMIL	8-4"	
350D	350	3#500 KCMIL	1#3	3 1/2"	40HD	4000	10 SETS OF 3#600 KCMIL	10-#500 KCMIL	10-4"	
350Y	350	4#500 KCMIL	1#3	4"	40HY	4000	10 SETS OF 4#600 KCMIL	10-#500 KCMIL	10-4"	
TRS					50HD	5000	12 SETS OF 3#600 KCMIL	12-#500 KCMIL	12-4"	
					50HY	5000	12 SETS OF 4#600 KCMIL	12-#500 KCMIL	12-4"	

FEEDER SCHEDULE NOTES:

- WIRING BASED ON COPPER THWN/THHN.
- GROUNDING CONDUCTORS BASED ON USE AS A FEEDER (REFER TO ONE LINE DIAGRAMS FOR SERVICE ENTRANCE GROUNDING ELECTRODE SIZES).
- CONDUIT SIZE BASED ON EMT.
- FEEDER TAG ENDING IN "S" INSTEAD OF "D" OR "Y" INDICATES PROVIDE CONDUITS ONLY, CONDUCTORS ARE FUTURE.
- FEEDERS GREATER THAN 300 FEET APPLY VOLTAGE DROP ACCOMMODATION BY INCREASING CONDUCTOR AND CONDUIT SIZES APPROPRIATELY.
- MAXIMUM SYSTEM VOLTAGE IS 600 (REFER TO ONE LINE DIAGRAMS FOR MEDIUM AND HIGH VOLTAGE FEEDER SIZES).

DRY TYPE TRANSFORMER SCHEDULE (STEP UP)						
TAG	KVA	208 VOLT OVERCURRENT	480 VOLT OVERCURRENT	208 VOLT FEEDER (DELTA)	277/480 VOLT FEEDER (WYE)	GROUNDING (NOTE 5)
TU1	9	30A-3P	20A-3P	3#10 & 1#10GND - 3/4" C.	4#12 & 1#8GND - 3/4" C	1#8 - 3/4" C.
TU2	15	50A-3P	30A-3P	3#6 & 1#10GND - 3/4" C.	4#10 & 1#8GND - 3/4" C	1#8 - 3/4" C.
TU3	30	100A-3P	60A-3P	3#2 & 1#8GND - 1 1/4" C.	4#6 & 1#8GND - 1 1/4" C	1#8 - 3/4" C.
TU4	45	150A-3P	80A-3P	3#1/0 & 1#6GND - 1 1/2" C.	4#4 & 1#8GND - 1 1/4" C	1#8 - 3/4" C.
TU5	75	250A-3P	150A-3P	3#250 KCMIL & 1#4GND - 2 1/2" C	4#1/0 & 1#6GND - 2" C	1#6 - 3/4" C.
TU6	112.5	400A-3P	200A-3P	3#500 KCMIL & 1#3GND - 3 1/2" C	4#3/0 & 1#4GND - 2" C	1#4 - 3/4" C.
TU7	150	500A-3P	300A-3P	6#250 KCMIL & 2#2GND - (2) 2 1/2" C	4#350 KCMIL & 1#2GND - 3" C	1#2 - 3/4" C.
TU8	225	800A-3P	400A-3P	6#600 KCMIL & 2#1/0GND - (2) 3 1/2" C	4#500 KCMIL & 1#1/0GND - 4" C	1#1/0 - 3/4" C.
TU9	300	1000A-3P	600A-3P	9#400 KCMIL & 3#2/0GND - (3) 3 1/2" C	6#350 KCMIL & 2#2/0GND - (2) 3" C	1#2/0 - 3/4" C.
TU10	500	1600A-3P	900A-3P	12#600 KCMIL & 4#4/0GND - (4) 4" C	12#350 KCMIL & 3#2/0GND - (3) 3" C	1#2/0 - 3/4" C. (NOTE 6)

TRANSFORMER SCHEDULE NOTES:

- BOND NEUTRAL OF TRANSFORMER SECONDARY TO THE TRANSFORMER CASE WITH BONDING JUMPER.
- GROUND THE CASING OF THE TRANSFORMER TO NEAREST AVAILABLE EFFECTIVELY GROUNDED WATER PIPE, STRUCTURAL STEEL AND/OR DRIVEN GROUND ROD IN ACCORDANCE WITH N.E.C. 250-50 AND 250-52.
- ALL CONDUCTOR SIZES ARE FOR COPPER CONDUCTORS PER N.E.C. TABLE 310-16.
- SECONDARY OVERCURRENT PROTECTION SHALL BE LOCATED WITHIN TEN (10) FEET OF THE TRANSFORMER SECONDARY TERMINALS EITHER IN A PANELBOARD (MAIN BREAKER) OR AN INDIVIDUALLY MOUNTED CIRCUIT BREAKER.
- TRANSFORMER BONDING JUMPER AND GROUNDING ELECTRODE CONDUCTOR, EXCEPT NOTED OTHERWISE.
- TRANSFORMER BONDING JUMPER (1) 300 KCMIL.

DRY TYPE TRANSFORMER SCHEDULE (STEP DOWN)						
TAG	KVA	480 VOLT OVERCURRENT	208 VOLT OVERCURRENT	480 VOLT FEEDER (DELTA)	120/208 VOLT FEEDER (WYE)	GROUNDING (NOTE 5)
T1	9	20A-3P	30A-3P	3#12 & 1#12GND - 3/4" C.	4#10 & 1#8GND - 3/4" C.	1#8 - 3/4" C.
T2	15	30A-3P	50A-3P	3#10 & 1#10GND - 3/4" C	4#6 & 1#8GND - 1" C.	1#8 - 3/4" C.
T3	30	60A-3P	100A-3P	3#6 & 1#10GND - 1" C	4#2 & 1#8GND - 1 1/4" C.	1#8 - 3/4" C.
T4	45	80A-3P	150A-3P	3#4 & 1#8GND - 1 1/4" C	4#1/0 & 1#6GND - 2" C.	1#6 - 3/4" C.
T5	75	150A-3P	250A-3P	3#1/0 & 1#6GND - 1 1/2" C	4#250 KCMIL & 1#2GND - 3" C	1#2 - 3/4" C.
T6	112.5	200A-3P	400A-3P	3#3/0 & 1#6GND - 2" C	4#500 KCMIL & 1#1/0GND - 4" C	1#1/0 - 3/4" C.
T7	150	300A-3P	500A-3P	3#350 KCMIL & 1#4GND - 3" C	6#250 KCMIL & 2#1/0GND - (2) 3" C	1#1/0 - 3/4" C.
T8	225	400A-3P	800A-3P	3#500 KCMIL & 1#3GND - 3 1/2" C	8#600 KCMIL & 2#3/0GND - (2) 4" C	1#3/0 - 3/4" C.
T9	300	600A-3P	1000A-3P	6#350 KCMIL & 2#1/0GND - (2) 3" C	12#400 KCMIL & 3#3/0GND - (3) 3" C	1#3/0 - 3/4" C.
T10	500	900A-3P	1600A-3P	9#350 KCMIL & 3#2/0GND - (3) 3" C	16#600 KCMIL & 4#3/0GND - (4) 4" C	1#3/0 - 3/4" C. (NOTE 6)

TRANSFORMER SCHEDULE NOTES:

- BOND NEUTRAL OF TRANSFORMER SECONDARY TO THE TRANSFORMER CASE WITH BONDING JUMPER.
- GROUND THE CASING OF THE TRANSFORMER TO NEAREST AVAILABLE EFFECTIVELY GROUNDED WATER PIPE, STRUCTURAL STEEL AND/OR DRIVEN GROUND ROD IN ACCORDANCE WITH N.E.C. 250-50 AND 250-52.
- ALL CONDUCTOR SIZES ARE FOR COPPER CONDUCTORS PER N.E.C. TABLE 310-16.
- SECONDARY OVERCURRENT PROTECTION SHALL BE LOCATED WITHIN TEN (10) FEET OF THE TRANSFORMER SECONDARY TERMINALS EITHER IN A PANELBOARD (MAIN BREAKER) OR AN INDIVIDUALLY MOUNTED CIRCUIT BREAKER.
- TRANSFORMER BONDING JUMPER AND GROUNDING ELECTRODE CONDUCTOR, EXCEPT NOTED OTHERWISE.
- TRANSFORMER BONDING JUMPER (1) 300 KCMIL.

TECHNOLOGY MATRIX						
SYMBOL	MTG HT AFF UNO	DESCRIPTION	KEY NOTE	CONDUIT SIZE	BOX TYPE	
	18"	(1) VOICE AND (1) DATA OUTLETS		3/4"	X	
	18"	(2) VOICE AND (2) DATA OUTLETS		3/4"	X	
	18"	(1) VOICE AND (2) DATA OUTLETS		3/4"	X	
	18"	(1) DATA OUTLET		3/4"	X	
	18"	(2) DATA OUTLETS		3/4"	X	
	45"	WALL PHONE OUTLET		3/4"		
	45"	ELEVATOR PHONE OUTLET		3/4"		
	18"	CATV OUTLET		3/4"	X	
	ABOVE CEILING	DATA OUTLET FOR WIRELESS ACCESS POINT			X	
		UNDERFLOOR/FLUSH COVER BOX WITH (1) DATA OUTLETS, (1) DUPLEX RECEPTACLES AND EMPTY 2-GANG FOR AV USE	2	(2) 1" UNDERSLAB & (1) 1 1/4" UNDERSLAB		X
		UNDERFLOOR/FLUSH FLOOR BOX WITH (1) GFI DUPLEX RECEPTACLE	2	(1) 1" UNDERSLAB		X
		UNDERFLOOR/FLUSH FLOOR BOX WITH (2) GFI DUPLEX RECEPTACLE	2	(1) 1" UNDERSLAB		X

NOTES:

- MOUNTING HEIGHT AS NOTED ON PLANS.
- SEE FLOOR BOX DETAIL, BASIS OF DESIGN: FSR, INC., FL-600P SERIES.
- FOR AREAS WITH SUSPENDED CEILINGS, INSTALL BOX ABOVE CEILING, WIRING SHALL BE CONCEALED ABOVE CEILINGS OR IN CONDUIT WHERE EXPOSED, FOR AREAS WITHOUT CEILINGS, MOUNT BOX AT UNDERSIDE OF DECK AND PROVIDE CONDUIT PER TECHNOLOGY GENERAL NOTE 2 ABOVE.

SPECIAL RECEPTACLE SCHEDULE				
TAG	NEMA	DESCRIPTION (SINGLE DEVICE)	OCPP	BRANCH CIRCUIT
A	5-15R	15A-125V/2P/3W	15A-1P	2#12 & 1#12GND - 3/4" C
A1	5-15R	15A-125V/2P/3W, GFCI	15A-1P	2#12 & 1#12GND - 3/4" C
B	5-20R	20A-125V/2P/3W	20A-1P	2#12 & 1#12GND - 3/4" C
B1	5-20R	20A-125V/2P/3W, GFCI	20A-1P	2#12 & 1#12GND - 3/4" C
C	5-30R	30A-125V/2P/3W	30A-1P	2#10 & 1#10GND - 3/4" C
D	5-60R	50A-125V/2P/3W	50A-1P	2#6 & 1#10GND - 3/4" C
E	6-15R	15A-250V/2P/3W	15A-2P	2#12 & 1#12GND - 3/4" C
F	6-20R	20A-250V/2P/3W	20A-2P	2#10 & 1#10GND - 3/4" C
G	6-30R	30A-250V/2P/3W	30A-2P	2#10 & 1#10GND - 3/4" C
H	6-60R	50A-250V/2P/3W	50A-2P	2#6 & 1#10GND - 3/4" C
I	14-20R	20A-125/250V/3P/4W	20A-2P	3#12 & 1#12GND - 3/4" C
J	14-30R	30A-125/250V/3P/4W	30A-2P	2#10 & 1#10GND - 3/4" C
K	14-50R	50A-125/250V/3P/4W	50A-2P	3#6 & 1#10GND - 1" C
L	14-60R	60A-125/250V/3P/4		

ELECTRICAL SCHEDULE OF MECHANICAL EQUIPMENT

Table with columns: TAG, DESCRIPTION, VOLTS, PH, LOAD, FLA, MCA, MOP D, DISCONNECT SWITCH (FRAME, POLES, FUSE, NEMA ENCL, FBD), PANEL, NOTES. Rows include TMV-1, ROP-1, GP-1, etc.

ELECTRICAL SCHEDULE OF MECHANICAL EQUIPMENT

Table with columns: TAG, DESCRIPTION, VOLTS, PH, LOAD, FLA, MCA, MOP D, DISCONNECT SWITCH (FRAME, POLES, FUSE, NEMA ENCL, FBD), PANEL, NOTES. Rows include HP3-328, CU3-3, HP3-331, etc.

ELECTRICAL SCHEDULE OF MECHANICAL EQUIPMENT

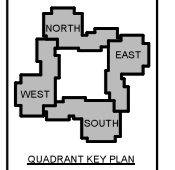
Table with columns: TAG, DESCRIPTION, VOLTS, PH, LOAD, FLA, MCA, MOP D, DISCONNECT SWITCH (FRAME, POLES, FUSE, NEMA ENCL, FBD), PANEL, NOTES. Rows include HP4-116, HP4-117, HP4-118, etc.



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ELECTRICAL SCHEDULE OF MECHANICAL EQUIPMENT

Table with columns: TAG, DESCRIPTION, VOLTS, PH, LOAD, FLA, MCA, MOP D, DISCONNECT SWITCH (FRAME, POLES, FUSE, NEMA ENCL, FBD), PANEL, NOTES. Rows include MUA-121, CU4-1, CU4-3, etc.

No. | Date | Description

Revision Schedule

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JOB NO. 075982

ISSUE

100% CONSTRUCTION DOCUMENTS - ISSUED FOR BIDDING

11/22/2023

TITLE ELECTRICAL SCHEDULES

SHEET E601

SCHEDULE OF PANELS (PHASE 1 QUADRANT - BLUE)

Table with columns: PANEL, MOUNTING, VOLTAGE, MAINS (TYPE, FEED, SIZE), ACTIVE CIRCUIT BREAKERS (15/1, 20/1, 30/1, 15/2, 20/2, 30/2, 40/2, 50/2, 60/2, 15/3, 20/3, 25/3, 30/3, 50/3, 60/3, 100/3, 150/3), SPARE 20A/1P, SPACE, TOTAL POLES, AIC RATING, NOTES.

SCHEDULE NOTES:
1 All 15A-1P and 20A-1P circuit breakers in new or replaced panels that serve dormitory living area circuits (bedrooms, living rooms, hallways, closets, bathrooms, laundry rooms, lounge and similar rooms in the living area) shall be provided as AFCI type breakers; verify exact quantity required for each panel in field.
2 All 30A-2P circuit breakers in new or replaced panels that serve existing student accessible laundry dryers shall be provided as GFCI type breakers; verify exact quantity required for each panel in field.
3 All 20A-1P circuit breakers in new or replaced panels that serve existing student accessible laundry washers shall be provided as GFCI type breakers; verify exact quantity required for each panel in field.

SCHEDULE OF PANELS (PHASE 2 QUADRANT - GREEN)

Table with columns: PANEL, MOUNTING, VOLTAGE, MAINS (TYPE, FEED, SIZE), ACTIVE CIRCUIT BREAKERS (15/1, 20/1, 30/1, 15/2, 20/2, 30/2, 50/2, 60/2, 15/3, 20/3, 25/3, 30/3, 50/3, 60/3, 100/3, 150/3), SPARE 20A/1P, SPACE, TOTAL POLES, AIC RATING, NOTES.

SCHEDULE NOTES:
1 All 15A-1P and 20A-1P circuit breakers in new or replaced panels that serve dormitory living area circuits (bedrooms, living rooms, hallways, closets, bathrooms, laundry rooms, lounge and similar rooms in the living area) shall be provided as AFCI type breakers; verify exact quantity required for each panel in field.
2 All 30A-2P circuit breakers in new or replaced panels that serve existing student accessible laundry dryers shall be provided as GFCI type breakers; verify exact quantity required for each panel in field.
3 All 20A-1P circuit breakers in new or replaced panels that serve existing student accessible laundry washers shall be provided as GFCI type breakers; verify exact quantity required for each panel in field.

SCHEDULE OF PANELS (PHASE 3 QUADRANT - RED)

Table with columns: PANEL, MOUNTING, VOLTAGE, MAINS (TYPE, FEED, SIZE), ACTIVE CIRCUIT BREAKERS (15/1, 20/1, 30/1, 15/2, 20/2, 30/2, 50/2, 60/2, 15/3, 20/3, 25/3, 30/3, 50/3, 60/3, 100/3, 150/3), SPARE 20A/1P, SPACE, TOTAL POLES, AIC RATING, NOTES.

SCHEDULE NOTES:
1 All 15A-1P and 20A-1P circuit breakers in new or replaced panels that serve dormitory living area circuits (bedrooms, living rooms, hallways, closets, bathrooms, laundry rooms, lounge and similar rooms in the living area) shall be provided as AFCI type breakers; verify exact quantity required for each panel in field.
2 All 30A-2P circuit breakers in new or replaced panels that serve existing student accessible laundry dryers shall be provided as GFCI type breakers; verify exact quantity required for each panel in field.
3 All 20A-1P circuit breakers in new or replaced panels that serve existing student accessible laundry washers shall be provided as GFCI type breakers; verify exact quantity required for each panel in field.

SCHEDULE OF PANELS (PHASE 4 QUADRANT - YELLOW)

Table with columns: PANEL, MOUNTING, VOLTAGE, MAINS (TYPE, FEED, SIZE), ACTIVE CIRCUIT BREAKERS (15/1, 20/1, 30/1, 15/2, 20/2, 30/2, 40/2, 50/2, 60/2, 15/3, 20/3, 25/3, 30/3, 40/3, 50/3, 60/3, 70/3, 90/3, 100/3, 125/3, 150/3, 200/3, 225/3, 400/3), SPARE 20A/1P, SPACE, TOTAL POLES, AIC RATING, NOTES.

SCHEDULE NOTES:
1 All 15A-1P and 20A-1P circuit breakers in new or replaced panels that serve dormitory living area circuits (bedrooms, living rooms, hallways, closets, bathrooms, laundry rooms, lounge and similar rooms in the living area) shall be provided as AFCI type breakers; verify exact quantity required for each panel in field.
2 All 30A-2P circuit breakers in new or replaced panels that serve existing student accessible laundry dryers shall be provided as GFCI type breakers; verify exact quantity required for each panel in field.
3 All 20A-1P circuit breakers in new or replaced panels that serve existing student accessible laundry washers shall be provided as GFCI type breakers; verify exact quantity required for each panel in field.

SCHEDULE OF PANELS (EXISTING TO REMAIN)

Table with columns: PANEL, MOUNTING, VOLTAGE, MAINS (TYPE, FEED, SIZE), ACTIVE CIRCUIT BREAKERS (15/1, 20/1, 30/1, 20/2, 25/2, 30/2, 50/2, 60/2, 100/2, 15/3, 20/3, 30/3, 35/3, 40/3, 60/3, 90/3, 100/3, 150/3, 175/3, 225/3, 500/3), SPARE 20A/1P, SPACE, TOTAL POLES, AIC RATING, NOTE.

SCHEDULE NOTES:
1
2
3
4

Switchboard: MDS

Location: ELECTRICAL G113
Supply From:
Mounting: Floor
Enclosure: 1
Volts: 120/208 Wye
Phases: 3
Wires: 4
A.I.C. Rating: TBD
Mains Type: MLO
Mains Rating: 3000 A
MCB Rating:

Table with columns: CKT, Circuit Description, # of Poles, Frame Size, Trip Rating, Load, Remarks. Lists various circuit breakers and their specifications.

Total Conn. Load: 458200 VA
Total Amps: 1272 A

Legend:

Table with columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals. Summary of load data.

Notes:



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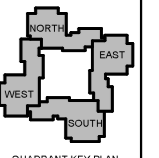


Table with columns: No., Date, Description. Revision Schedule.

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075982

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FOR BIDDING
11/22/2023

TITLE
PANEL SCHEDULES

SHEET
E602

Lighting and Appliance Panelboard: MP4A

Location: STOR, 400,70
Supply From: MDS
Mounting: Surface

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10kA
Mains Type: MLO
Bus Rating: 400 A
MCB Rating: -

CKT	Circuit Description	Trip Amps	Poles	A (kVA)	B (kVA)	C (kVA)	Poles	Trip Amps	Circuit Description	CKT	
1										2	
3	HVAC DOAS R-11	100	3	9,9	4,7			3	50	HVAC DOAS R-12	4
5											6
7	DEF R-4	20	3	1,1	3,7	1,1	3,7	2	40	HVAC CU2-4-1	8
9											10
11											12
13	HVAC CU2-4-3	40	2	3,7	3,7			2	40	HVAC CU2-4-2	14
15											16
17	HVAC CU3-4-2	40	2	3,7	3,7	3,7	3,7	2	40	HVAC CU3-4-1	18
19											20
21	HVAC CU4-4-1	40	2	3,7	3,7	3,7	3,7	2	40	HVAC CU3-4-3	22
23											24
25	HVAC CU4-4-3	40	2	3,7	3,7			2	40	HVAC CU4-4-2	26
27											28
29											30
31											32
33											34
35											36
37											38
39											40
41											42
				Total Load:	41,9 kVA	38,2 kVA	34,4 kVA				
				Total Amp:	354 A	323 A	287 A				

Notes:

Lighting and Appliance Panelboard: MP4C

Location: STOR, 400,27
Supply From: MDS
Mounting: Flush

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10kA
Mains Type: MLO
Bus Rating: 400 A
MCB Rating: -

CKT	Circuit Description	Trip Amps	Poles	A (kVA)	B (kVA)	C (kVA)	Poles	Trip Amps	Circuit Description	CKT	
1										2	
3	HVAC DOAS R-21	100	3	9,9	4,7			3	50	HVAC DOAS R-22	4
5											6
7	DEF R-2	20	3	1,1	3,7	1,1	3,7	2	40	HVAC - CU2-2-1	8
9											10
11											12
13	HVAC CU2-2-3	40	2	3,7	3,7			2	40	HVAC CU2-2-2	14
15											16
17	HVAC CU3-2-2	40	2	3,7	3,7	3,7	3,7	2	40	HVAC CU3-2-1	18
19											20
21	HVAC CU4-2-1	40	2	3,7	3,7	3,7	3,7	2	40	HVAC CU3-2-3	22
23											24
25	HVAC CU4-2-3	40	2	3,7	3,7			2	40	HVAC CU4-2-2	26
27											28
29											30
31											32
33											34
35											36
37											38
39											40
41											42
				Total Load:	41,9 kVA	38,2 kVA	34,4 kVA				
				Total Amp:	354 A	323 A	287 A				

Notes:

Lighting and Appliance Panelboard: MP4B

Location: STOR, 400,53
Supply From: MDS
Mounting: Surface

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10kA
Mains Type: MLO
Bus Rating: 400 A
MCB Rating: -

CKT	Circuit Description	Trip Amps	Poles	A (kVA)	B (kVA)	C (kVA)	Poles	Trip Amps	Circuit Description	CKT	
1										2	
3	HVAC DOAS R-11	100	3	9,9	1,1			3	20	HVAC - DEF R-1	4
5											6
7	HVAC DOAS R-12	50	3	4,7	3,7	4,7	3,7	2	40	HVAC CU2-1-2	8
9											10
11											12
13	HVAC CU2-1-1	40	2	3,7	3,7			2	40	HVAC CU2-1-3	14
15											16
17	HVAC CU3-1-2	40	2	3,7	3,7	3,7	3,7	2	40	HVAC CU3-1-1	18
19											20
21	HVAC CU4-1-1	40	2	3,7	3,7	3,7	3,7	2	40	HVAC CU3-1-3	22
23											24
25	HVAC CU4-1-3	40	2	3,7	3,7	3,7	3,7	2	40	HVAC CU4-1-2	26
27											28
29											30
31											32
33											34
35											36
37											38
39											40
41											42
				Total Load:	41,9 kVA	38,2 kVA	34,4 kVA				
				Total Amp:	354 A	323 A	287 A				

Notes:

Lighting and Appliance Panelboard: MP4D

Location: STOR, 400,07
Supply From: MDS
Mounting: Surface

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10kA
Mains Type: MLO
Bus Rating: 400 A
MCB Rating: -

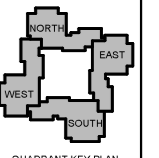
CKT	Circuit Description	Trip Amps	Poles	A (kVA)	B (kVA)	C (kVA)	Poles	Trip Amps	Circuit Description	CKT	
1										2	
3	HVAC DOAS R-31	100	3	9,9	4,7			3	50	HVAC DOAS R-32	4
5											6
7	DEF R-3	20	3	1,1	3,7	1,1	3,7	2	40	HVAC CU2-3-1	8
9											10
11											12
13	HVAC CU2-3-3	40	2	3,7	3,7			2	40	HVAC CU2-3-2	14
15											16
17	HVAC CU3-3-2	40	2	3,7	3,7	3,7	3,7	2	40	HVAC CU3-3-1	18
19											20
21	HVAC CU4-3-1	40	2	3,7	3,7	3,7	3,7	2	40	HVAC CU3-3-3	22
23											24
25	HVAC CU4-3-3	40	2	3,7	3,7	3,7	3,7	2	40	HVAC CU4-3-2	26
27											28
29											30
31											32
33											34
35											36
37											38
39											40
41											42
				Total Load:	41,9 kVA	38,2 kVA	34,4 kVA				
				Total Amp:	354 A	323 A	287 A				

Notes:



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No.	Date	Description
		Revision Schedule

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11/22/2023

TITLE
PANEL SCHEDULES

SHEET
E603

SPRINKLER NOTES:

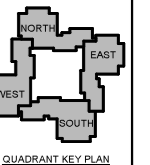
- 1 FURNISH AND INSTALL NEW ISOLATION VALVE WITH TAMPER SWITCH.



48 DARTMOUTH STREET
PORTLAND, MAINE
04101
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Maine Maritime Academy, Curtis Hall
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No.	Date	Description

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JOB NO.
075982

ISSUE

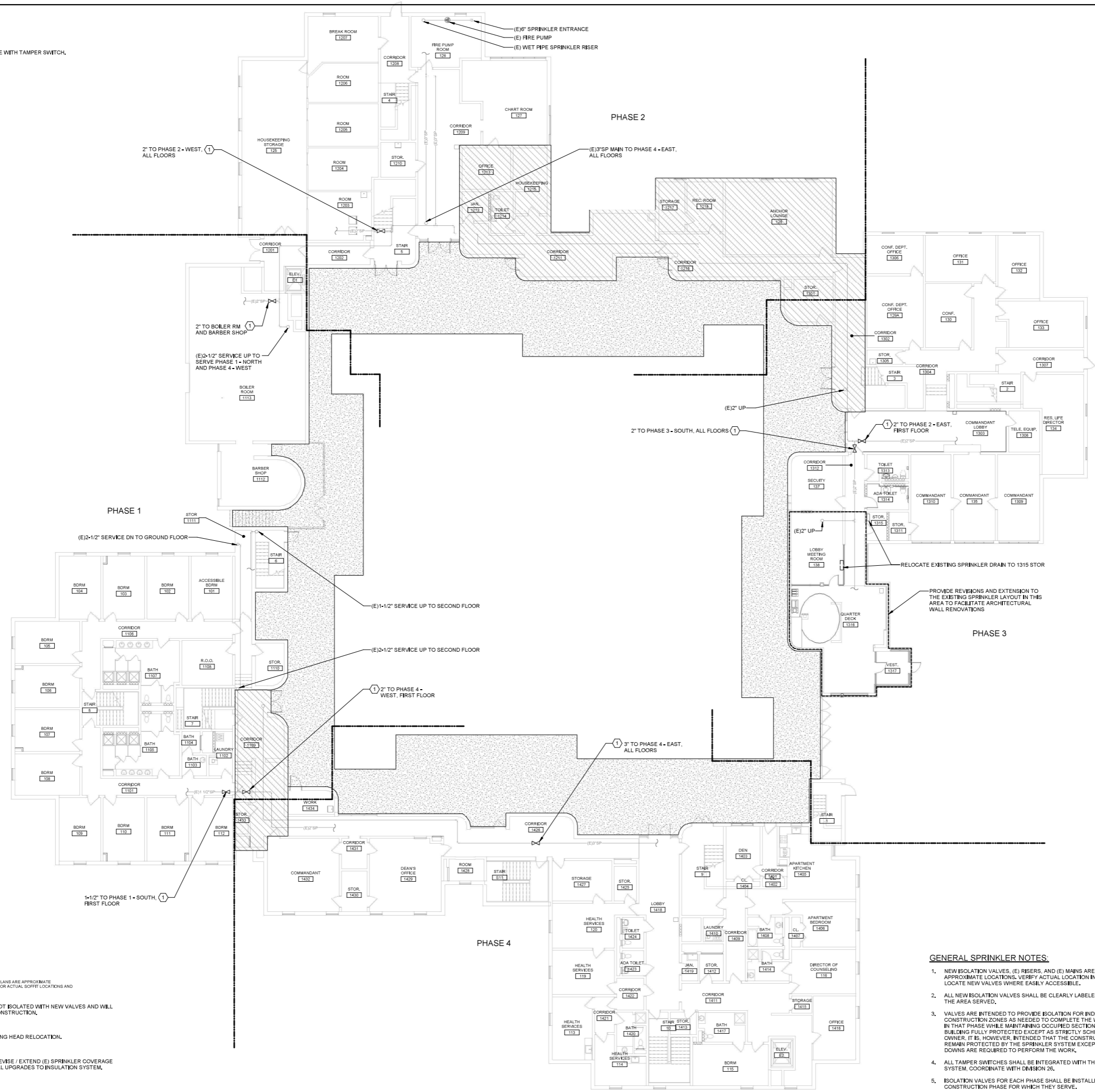
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11/22/2023

TITLE
FIRST FLOOR FIRE PROTECTION PLAN

SHEET

FP100.1

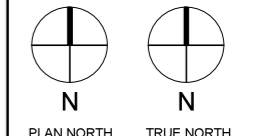


SPRINKLER LEGEND:

- AREA OF WET SPRINKLER IS NOT ISOLATED WITH NEW VALVES AND WILL REMAIN LIVE THROUGHOUT CONSTRUCTION.
- AREA OF NEW SOFFIT REQUIRING HEAD RELOCATION.
- AREA AT EXTERIOR SOFFIT - REVISE / EXTEND (E) SPRINKLER COVERAGE TO FACILITATE ARCHITECTURAL UPGRADES TO INSULATION SYSTEM.

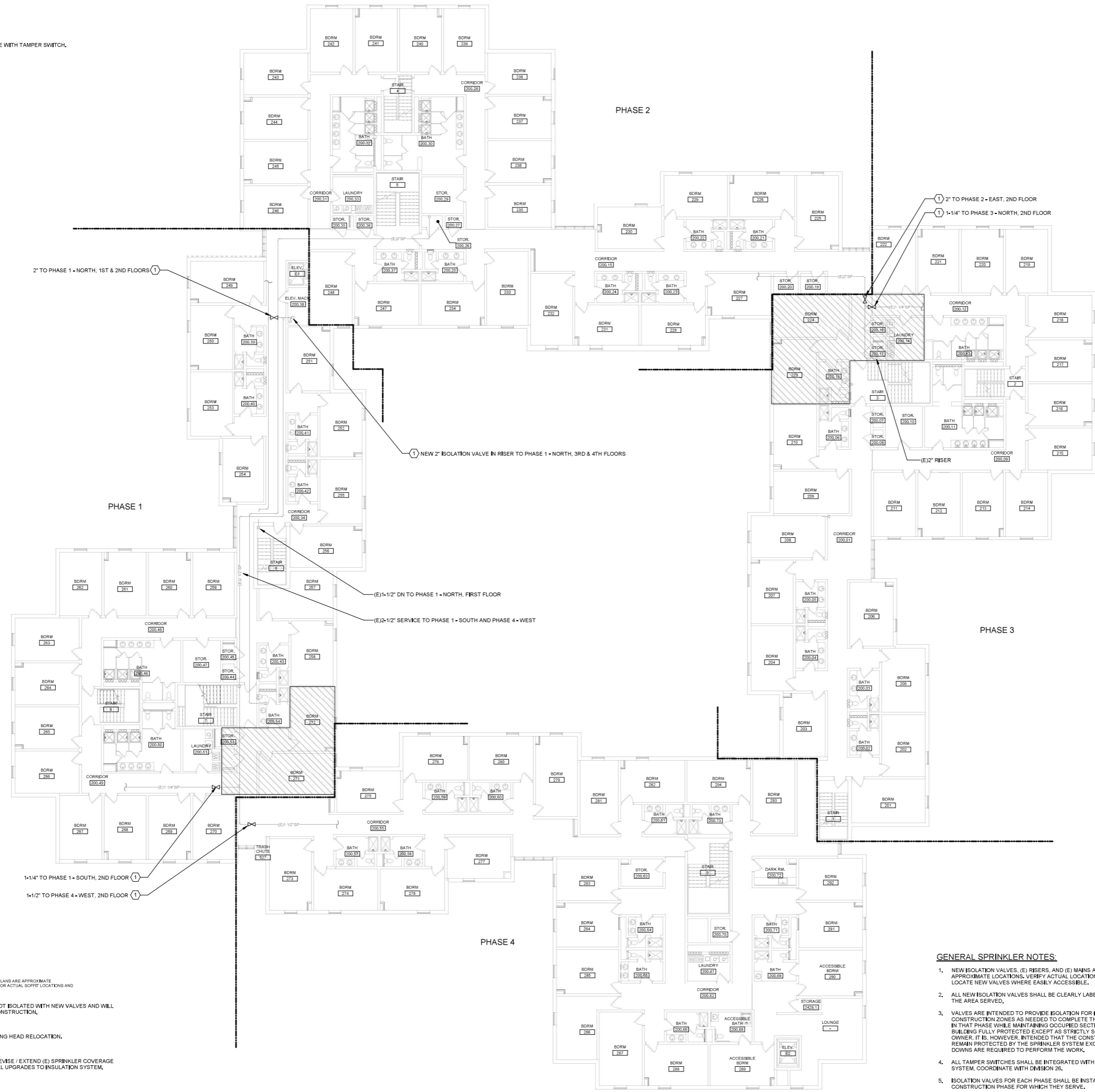
GENERAL SPRINKLER NOTES:

- NEW ISOLATION VALVES, (E) RISERS, AND (E) MAINS ARE SHOWN IN APPROXIMATE LOCATIONS. VERIFY ACTUAL LOCATION IN FIELD AND LOCATE NEW VALVES WHERE EASILY ACCESSIBLE.
- ALL NEW ISOLATION VALVES SHALL BE CLEARLY LABELED TO IDENTIFY THE AREA SERVED.
- VALVES ARE INTENDED TO PROVIDE ISOLATION FOR INDIVIDUAL CONSTRUCTION ZONES AS NEEDED TO COMPLETE THE WORK SCHEDULED IN THAT PHASE WHILE MAINTAINING OCCUPIED SECTIONS OF THE BUILDING FULLY PROTECTED EXCEPT AS STRICTLY SCHEDULED WITH THE OWNER. IT IS, HOWEVER, INTENDED THAT THE CONSTRUCTION ZONES REMAIN PROTECTED BY THE SPRINKLER SYSTEM EXCEPT WHERE SHUT-DOWNS ARE REQUIRED TO PERFORM THE WORK.
- ALL TAMPER SWITCHES SHALL BE INTEGRATED WITH THE FIRE ALARM SYSTEM, COORDINATE WITH DIVISION 26.
- ISOLATION VALVES FOR EACH PHASE SHALL BE INSTALLED DURING THE CONSTRUCTION PHASE FOR WHICH THEY SERVE.



SPRINKLER NOTES:

- ① FURNISH AND INSTALL NEW ISOLATION VALVE WITH TAMPER SWITCH.

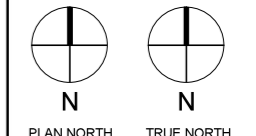


SPRINKLER LEGEND:

- (NOTE THAT AREAS OF SOFFITS SHOWN ON SPRINKLER PLANS ARE APPROXIMATE DIMENSIONS. REFER TO ARCHITECTURAL PLANS FOR ACTUAL SOFFIT LOCATIONS AND DIMENSIONS.)
- [Hatched Box] AREA OF WET SPRINKLER IS NOT ISOLATED WITH NEW VALVES AND WILL REMAIN LIVE THROUGHOUT CONSTRUCTION.
- [Cross-hatched Box] AREA OF NEW SOFFIT REQUIRING HEAD RELOCATION.
- [Dotted Box] AREA AT EXTERIOR SOFFIT - REVISE / EXTEND (E) SPRINKLER COVERAGE TO FACILITATE ARCHITECTURAL UPGRADES TO INSULATION SYSTEM.

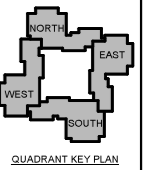
GENERAL SPRINKLER NOTES:

- NEW ISOLATION VALVES, (E) RISERS, AND (E) MAINS ARE SHOWN IN APPROXIMATE LOCATIONS. VERIFY ACTUAL LOCATION IN FIELD AND LOCATE NEW VALVES WHERE EASILY ACCESSIBLE.
- ALL NEW ISOLATION VALVES SHALL BE CLEARLY LABELED TO IDENTIFY THE AREA SERVED.
- VALVES ARE INTENDED TO PROVIDE ISOLATION FOR INDIVIDUAL CONSTRUCTION ZONES AS NEEDED TO COMPLETE THE WORK SCHEDULED IN THAT PHASE WHILE MAINTAINING OCCUPIED SECTIONS OF THE BUILDING FULLY PROTECTED EXCEPT AS STRICTLY SCHEDULED WITH THE OWNER. IT IS, HOWEVER, INTENDED THAT THE CONSTRUCTION ZONES REMAIN PROTECTED BY THE SPRINKLER SYSTEM EXCEPT WHERE SHUT-DOWNS ARE REQUIRED TO PERFORM THE WORK.
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- ISOLATION VALVES FOR EACH PHASE SHALL BE INSTALLED DURING THE CONSTRUCTION PHASE FOR WHICH THEY SERVE.



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Revision Schedule

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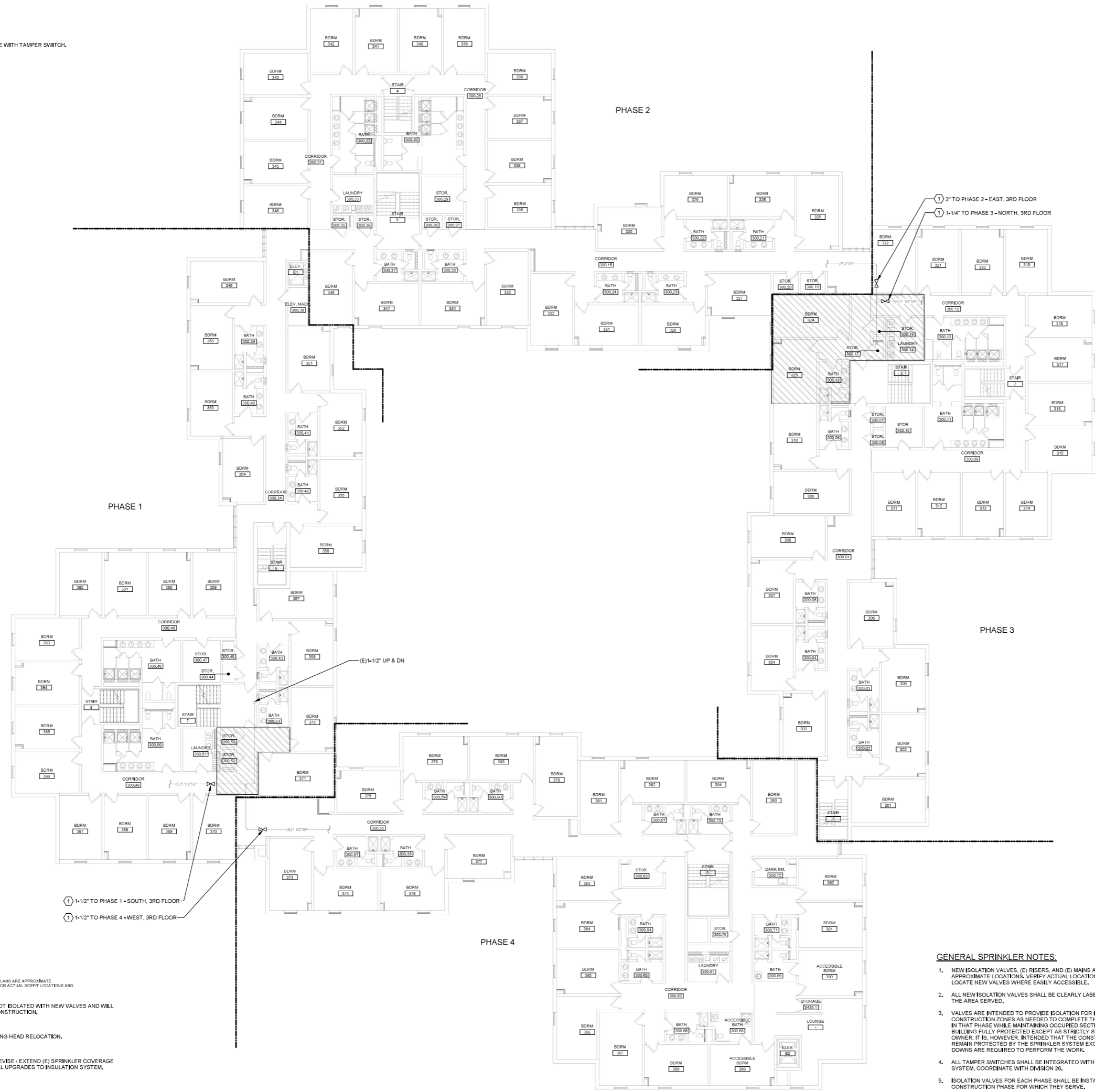
TITLE
SECOND FLOOR FIRE PROTECTION PLAN

SHEET

FP100.2

SPRINKLER NOTES:

- ① FURNISH AND INSTALL NEW ISOLATION VALVE WITH TAMPER SWITCH.



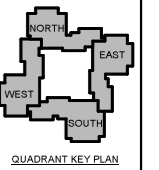
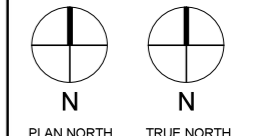
SPRINKLER LEGEND:

(NOTE THAT AREAS OF SOFFITS SHOWN ON SPRINKLER PLANS ARE APPROXIMATE REVISIONS/NOTATIONS. REFER TO ARCHITECTURAL PLANS FOR ACTUAL SOFFIT LOCATIONS AND DIMENSIONS.)

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- [Cross-hatched Box] AREA OF NEW SOFFIT REQUIRING HEAD RELOCATION.
- [Dotted Box] AREA AT EXTERIOR SOFFIT - REVISE / EXTEND (E) SPRINKLER COVERAGE TO FACILITATE ARCHITECTURAL UPGRADES TO INSULATION SYSTEM.

GENERAL SPRINKLER NOTES:

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- ALL TAMPER SWITCHES SHALL BE INTEGRATED WITH THE FIRE ALARM SYSTEM. COORDINATE WITH DIVISION 26.
- ISOLATION VALVES FOR EACH PHASE SHALL BE INSTALLED DURING THE CONSTRUCTION PHASE FOR WHICH THEY SERVE.



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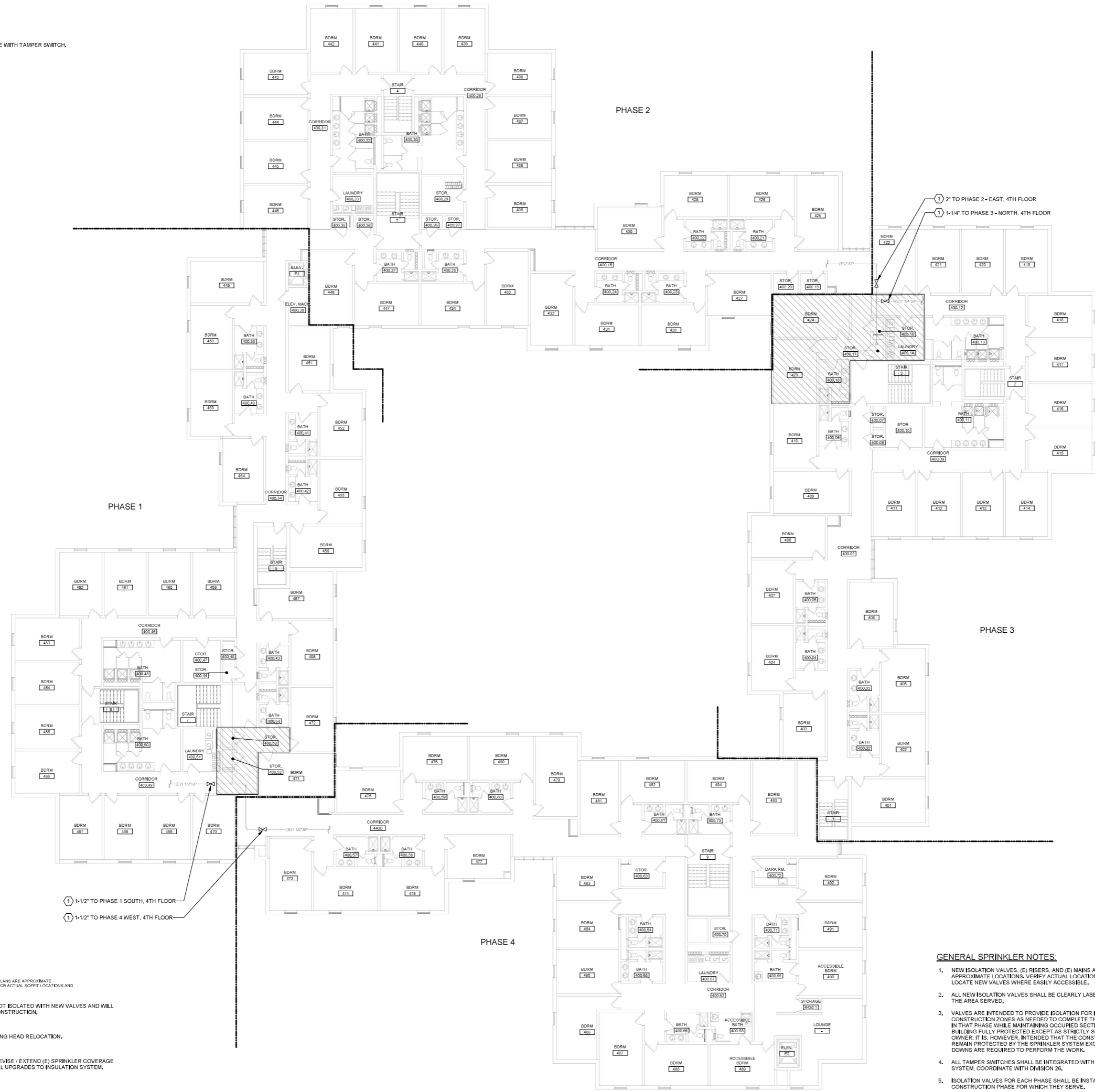
TITLE THIRD FLOOR FIRE PROTECTION PLAN

SHEET

FP100.3

SPRINKLER NOTES:

- ① FURNISH AND INSTALL NEW ISOLATION VALVE WITH TAMPER SWITCH.

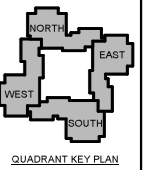
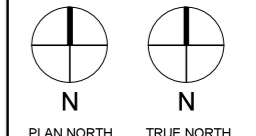


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TITLE
FOURTHS FLOOR FIRE PROTECTION PLAN

SHEET
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