

GENERAL NOTES

1. DATA CABLING IS TO BE INCLUDED WITHIN THE SCOPE OF WORK FOR THE ELECTRICAL CONTRACTOR AND SHALL BE PROVIDE TO CURRENT YORK UNIVERSITY STANDARDS. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CARRYING THE YORK UNIVERSITY PREFERRED VENDOR FOR EACH BUILDING/AREA IN THEIR BID. PREFERRED VENDORS ARE AS FOLLOWS:

CURTIS LECTURE HALLS - PLAN GROUP
NORMAN BETHUNE COLLEGE - PLAN GROUP
STONG COLLEGE - PLAN GROUP
FOUNDERS COLLEGE - MARCOMM
MCLAUGHLIN COLLEGE - MARCOMM
STEDMAN LECTURE HALLS - MARCOMM
VANIER COLLEGE - MARCOMM
2. INSTALLATION OF ALL DATA CABLING AND OUTLETS TO BE IN ACCORDANCE WITH CURRENT YORK UNIVERSITY UIT DEPARTMENT CABLING STANDARDS.
3. AT NO TIME SHALL ANY HORIZONTAL CABLING, WALL MOUNTED PHONES OR WIRELESS ACCESS POINTS, OR THEIR MOUNTS BE PAINTED. SHOULD THIS OCCUR THEN THE REPLACEMENT OF THE CABLING, PHONES OR WAPs OR THEIR MOUNTS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
4. AT NO TIME DURING THE PROJECT WILL ANY COMMUNICATION ROOMS BE USED TO STORE MATERIALS, TOOLS OR OTHER EQUIPMENT. THE ROOMS WILL NOT BE USED AS A LOUNGE. THE DOOR TO THE COMMUNICATIONS ROOMS MUST REMAIN CLOSED AND LOCKED AT ALL TIMES WITH THE EXCEPTION OF WHEN THE CABLING CONTRACTOR IS WORKING IN THE ROOM TO TERMINATE HORIZONTAL CABLES, PATCH CABLES, AND TEST CABLES.
5. THE GC WILL PROVIDE ACCESS TO THE CABLING VENDOR FOR THE DURATION OF THE PROJECT FOR EACH SITE. SHOULD THE CABLING CONTRACTOR REQUIRE ACCESS TO THE COMMUNICATION ROOMS, THIS NEEDS TO BE COORDINATED THROUGH TELECOM @EXT 44357 AT LEAST THREE DAYS IN ADVANCE
6. NO CABLE SUPPORTS SUCH AS J-HOOKS OR CABLES TRAYS SHOULD BE REMOVED DURING THE PROJECT. IF THEY ARE, THEY MUST BE REPLACED IN SAME LOCATION AT THE COST OF THE PROJECT. IF THERE NEW ARE STRUCTURAL INTERFERENCES DUE TO THE NEW DESIGN FOR THE PROJECT, THEN THE DESIGN NEEDS TO BE REVIEWED AND APPROVED BY YORK UNIVERSITY UIT TEAMS.
7. DURING THE INSTALLATION OF THE WI-FI APS, COORDINATION MUST BE SCHEDULED WITH A TEAM MEMBER OF THE NETDEV GROUP TO SUPERVISE THE INSTALLATIONS FOR EACH BUILDING LOCATION WITHIN THIS PHASE. CONTACT IS REVITAL GORSHT, REVITAL@YORKU.CA
8. A COPY OF THE AS BUILT DRAWINGS WHICH SHOULD INCLUDE THE CABLE NUMBER, LOCATION AND CABLE PATHWAYS SHALL BE SUBMITTED TO YORK UNIVERSITY UIT DEPARTMENT. ATTENTION: TRACY WECHSLER
9. AN ELECTRONIC COPY OF CABLE TEST RESULTS SHALL BE SUBMITTED TO YORK UNIVERSITY UIT DEPARTMENT. ATTENTION: TRACY WECHSLER
10. ALL EXISTING WALL MOUNTED PHONES AND ALL WI-FI APS WILL BE REMOVED BY THE CABLING CONTRACTOR AND BROUGHT BACK TO NETOPS LOCATED IN STEACIE 029. CONTACT TO ARRANGE TEMP STORAGE WITH JONAS BAGUIORO, BAGUIORO@YORKU.CA
11. ALL EXISTING WI-FI APS WILL BE RE-INSTALLED IN THE LOCATIONS THEY WERE REMOVED FROM WITHIN EACH CLASSSSROOM. ONLY IF AN ALTERNATE DESIGN CREATED BY NETDEV TEAM WAS SUBMITTED THE PM ON THIS PROJECT WILL THE AP INSTALLATIONS CHANGE. IF THERE IS A CHANGE DURING CONSTRUCTION THEN, THE PROPOSED NEW LOCATIONS MUST BE DISCUSSED WITH NETDEV TEAM AND SIGNED OFF. THIS WILL BE A CHARGE TO THE PROJECT.

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E378-213	MCLAUGHLIN COLLEGE 213
E378-214	MCLAUGHLIN COLLEGE 214
E378-215	MCLAUGHLIN COLLEGE 215
E378-216	MCLAUGHLIN COLLEGE 216
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E393-215	BETHUNE COLLEGE 215
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E393-230	BETHUNE COLLEGE 230
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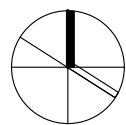
ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
LINE TYPES	
	NEW WORK
	WORK TO BE DEMOLISHED, OR REMOVED
	EXISTING MATERIAL/EQUIPMENT/SERVICES TO REMAIN
ABBREVIATIONS	
E	EXISTING TO REMAIN
R	EXISTING TO BE DEMOLISHED/REMOVED
ER	EXISTING TO BE REPLACED WITH NEW IN SAME LOCATION
RR	REMOVE AND REINSTALL IN SAME LOCATION
RL	REMOVE AND RELOCATE
C	CEILING MOUNTED CONNECTION
W	WALL MOUNTED CONNECTION
F	FLOOR MOUNTED CONNECTION
ε	CENTRE LINE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
O/C	OVER COUNTER
U/C	UNDER CABINET
U/F	UNDER RAISED FLOOR
CCT	CIRCUIT
CTE	CONNECT TO EXISTING
AFCI	ARC FAULT CIRCUIT INTERRUPTER
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
IG	ISOLATED GROUND
TL	TWIST LOCK
TR	TAMPER RESISTANT
WG	WIRE GUARD
WP	WEATHER PROOF
RI	ROUGH-IN ONLY
NIC	NOT IN CONTRACT
SM	SMILAR TO
TYP	TYPICAL
ABBREVIATIONS - CODES AND STANDARDS	
OBC	ONTARIO BUILDING CODE
OESC	ONTARIO ELECTRICAL SAFETY CODE
CONDUIT AND BOXES	
	CONDUIT WITH END BUSHING
	CONDUIT UP
	CONDUIT DOWN
	CONDUIT CONTINUES
	JUNCTION BOX
	PULL BOX
	HAND HOLE
CONNECTIONS TO EQUIPMENT	
	1-PHASE DIRECT CONNECTION OUTLET AS NOTED.
	3-PHASE DIRECT CONNECTION OUTLET AS NOTED.
W	ADJACENT TO 3-PHASE DIRECT CONNECTION, DENOTES WALL SYSTEM FURNITURE FEED FOR POWER AND COMMUNICATIONS.
	SINGLE PHASE MOTOR, HP (KW) AS NOTED.
	THREE PHASE MOTOR, HP (KW) AS NOTED.
	CLOCK.
LIGHTING CONTROLS	
REFER TO SPECIFICATIONS AND RESPECTIVE SCHEDULES FOR EXACT REQUIREMENTS	
	SWITCH OR OTHER USER INTERFACE DEVICE AS DESCRIBED ON LIGHTING CONTROLS SCHEDULE.
DM	ADJACENT TO SWITCH, DENOTES DIMMING SWITCH.
K	ADJACENT TO SWITCH, DENOTES KEY SWITCH.
M	ADJACENT TO SWITCH, DENOTES MASTER CONTROL FOR ALL LUMINAIRES IN A ROOM OR SPACE, OR AS NOTED.
RP	RELAY PANEL
PP	POWER PACK
SC	SCENE CONTROLLER
	PHOTOCELL SENSOR
	PHOTOCELL SENSOR. "PC" DENOTES CLOSED LOOP PHOTOCELL CONTROL. "PO" DENOTES OPEN LOOP PHOTOCELL CONTROL
	CEILING MOUNTED OCCUPANCY SENSOR. PIR DENOTES "PASSIVE INFRARED". UT DENOTES "ULTRASONIC" (OR MICROPHONIC). DT DENOTES "DUAL TECHNOLOGY".
	WALL MOUNTED OCCUPANCY SENSOR.
DISTRIBUTION EQUIPMENT	
	SURFACE MOUNTED LIGHTING AND RECEPTACLE PANELBOARD
	RECESSED RECEPTACLE PANELBOARD
	DISCONNECT SWITCH
POWER RECEPTACLES AND BOXES	
	120V U-GROUND DUPLEX RECEPTACLE.
	120V U-GROUND QUAD RECEPTACLE.
	120V U-GROUND DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER TOP OR AS INSTRUCTED ON SITE.
FB	FLOOR BOX
LIGHTING FIXTURES	
SYMBOLS IN ACCORDANCE WITH IES DG 3-00 WHERE NOT DETAILED OTHERWISE HERE. REFER TO LIGHTING FIXTURE SCHEDULE FOR FURTHER DETAILS AND EXACT FIXTURE REQUIREMENTS.	
	SURFACE MOUNTED LINEAR LUMINAIRE
	RECESSED MOUNTED LUMINAIRE
	SUSPENDED PENDANT LUMINAIRE: PENDANT, CHAIN, STEM, OR CABLE HUNG AS NOTED IN SCHEDULE.
	AS ABOVE, CONNECTED TO EMERGENCY LIGHTING CIRCUIT
	RECESSED DOWNLIGHT
EM	CONNECTED TO EMERGENCY CIRCUIT
Z1, Z2, ETC.	DENOTES ZONING/ROUTING ASSIGNMENTS FOR LUMINAIRES AND CONTROLS IN THE SAME SPACE.
EMERGENCY LIGHTING	
REFER TO EMERGENCY LIGHTING FIXTURE SCHEDULE FOR EXACT FIXTURE REQUIREMENTS.	
THIS LEGEND IS GENERIC. ALL SYMBOLS LISTED MAY NOT BE APPLICABLE FOR THIS PROJECT. REFER TO FLOOR PLANS TO DETERMINE USED DEVICES AND EQUIPMENT.	

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	CEILING OR WALL MOUNTED ILLUMINATED EXIT SIGN. SHADED AREA INDICATES ILLUMINATED FACE. PROVIDE DIRECTIONAL ARROWS AS INDICATED ON PLANS.
RM	DENOTES "RUNNING MAN" STYLE PICTOGRAM EXIT SIGNS
SL	DENOTES "SELF-LUMINOUS" EXIT SIGN
	EMERGENCY LIGHTING BATTERY UNIT.
	ONE AND TWO HEAD WALL MOUNTED EMERGENCY LIGHTING REMOTE UNITS.
	RECESSED EMERGENCY REMOTE HEAD.
EM	DENOTES "EMERGENCY"
COMMUNICATIONS	
	SYSTEM FURNITURE FEED.
W	ADJACENT TO SYSTEM FURNITURE FEED, DENOTES WALL SYSTEM FURNITURE FEED FOR COMMUNICATIONS.
	WALL MOUNTED VOICE (TELEPHONE) OUTLET. PROVIDE "V" UNLESS NOTED OTHERWISE.
	WALL MOUNTED DATA OUTLET. PROVIDE "D" UNLESS NOTED OTHERWISE.
B	ADJACENT TO COMMUNICATIONS OUTLET, INDICATES BLANK-OFF PLATE.
	HDMI OUTLET.
	AUDIO VIDEO GANG, AS NOTED.
WAP	WIRELESS ACCESS POINT (WIFI)
	PUBLIC ADDRESS SPEAKER, CEILING AND WALL MOUNTED, RESPECTIVELY.
	EMPTY DOUBLE GANG BACKBOX WITHIN CEILING SPACE FOR AV SYSTEM PROJECTOR. PROJECTOR SUPPLIED AND INSTALLED BY OTHERS.
	EMPTY DOUBLE GANG BACKBOX WITHIN CEILING SPACE FOR AV SYSTEM SPEAKER. SPEAKER SUPPLIED AND INSTALLED BY OTHERS.
	EMPTY DOUBLE GANG BACKBOX WITHIN CEILING SPACE FOR AV SYSTEM PTZ CAMERA. CAMERA SUPPLIED AND INSTALLED BY OTHERS.
ACCESS CONTROL	
	ELECTRIC STRIKE
INTRUSION DETECTION	
	SECURITY "CODE BLUE" BEACON
VIDEO SURVEILLANCE	
	CCTV CAMERA
PTZ	PAN-TILT-ZOOM
FIRE DETECTION AND ALARM	
FACP	FIRE ALARM CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FAPG	FIRE ALARM PASSIVE GRAPHIC
FAZ	FIRE ALARM ZONE
FSZ	FIRE ALARM SUPERVISORY ZONE
EOL	END OF LINE DEVICE
WG	WIRE GUARD
	MANUAL PULL STATION (MPS) C/W LEXAN COVER
	MANUAL PULL STATION (MPS)
LEX	WHERE NOTED ADJACENT TO MANUAL PULL STATIONS, DENOTES PULL STATION C/W LEXAN COVER.
AUX	WHERE NOTED ADJACENT TO MANUAL PULL STATIONS, DENOTES PULL STATION C/W AUXILIARY CONTACT.
	FIRE ALARM HORN
	FIRE ALARM HORN/STROBE. WALL MOUNTED.
	FIRE ALARM EVACUATION SPEAKER, CEILING MOUNTED
	FIRE ALARM EVACUATION SPEAKER, WALL MOUNTED
	FIRE ALARM EVACUATION SPEAKER COMPLETE WITH STROBE LIGHT, WALL MOUNTED.
	FIRE ALARM WALL MOUNTED STROBE LIGHT
	PHOTOELECTRIC SMOKE DETECTOR
A	ADJACENT TO SMOKE DETECTOR, INDICATES C/W AUXILIARY RELAY
SA	WHEN ADJACENT TO PHOTOELECTRIC SMOKE DETECTOR, INDICATES RESIDENTIAL SMOKE ALARM
	END OF LINE (EOL) DEVICE ON ZONE INITIATION OR SIGNAL CIRCUITS
IM	ISOLATOR MODULE
	HEAT DETECTOR - FIXED TEMPERATURE
	MAGNETIC DOOR HOLDER AND RELEASING DEVICE ("HOLD OPEN")
FS	FLOW SWITCH
PS	PRESSURE SWITCH
SV	SUPERVISED VALVE
SINGLE LINE DIAGRAM	
	CIRCUIT BREAKER
	DISCONNECT (UNFUSED)
	FUSE
	METER
	TRANSFORMER
ATS	AUTOMATIC TRANSFER SWITCH
C	CONTACTOR
DP	DISTRIBUTION PANELBOARD
LP	LIGHTING PANELBOARD
MCB	MOBILE CONNECTION BOX
MTS	MANUAL TRANSFER SWITCH
RP	RECEPTACLE PANELBOARD
SPD	SURGE PROTECTIVE DEVICE
STS	STATIC TRANSFER SWITCH
SWBD	SWITCHBOARD
TX	TRANSFORMER
UPS	UNINTERRUPTIBLE POWER SUPPLY
DETAIL REFERENCES	
	SHEET KEYNOTE
	REVISION NUMBER
THIS LEGEND IS GENERIC. ALL SYMBOLS LISTED MAY NOT BE APPLICABLE FOR THIS PROJECT. REFER TO FLOOR PLANS TO DETERMINE USED DEVICES AND EQUIPMENT.	

Project North



True North

8.	2025.05.02	ISSUED FOR TENDER	CW
7.	2025.05.02	ISSUED FOR PERMIT	CW
6.	2025.04.23	ISSUED FOR TENDER	CW
5.	2023.05.01	ISSUED FOR 80%CD COSTING	CW
4.	2023.03.24	ISSUED FOR 40%CD	CW
3.	2023.02.10	ISSUED FOR 100%DD	CW
2.	2023.01.20	ISSUED FOR IT REVIEW	CW
1.	2022.11.30	ISSUED FOR CLIENT REVIEW	CW
#	DATE	REVISION	BY



All drawing and specifications are the property of the architect. The contractor shall verify all dimensions and information on site and report any discrepancy to architect before proceeding.

YORK CLASSROOM RENEWAL Y3

York University, Keele Campus

PHASE 2

BUILDING NAME:
ELECTRICAL LEGEND

BUILDING NUMBER:
-

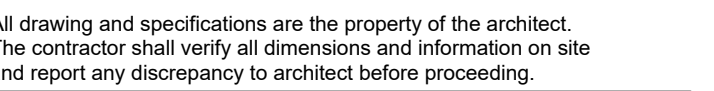
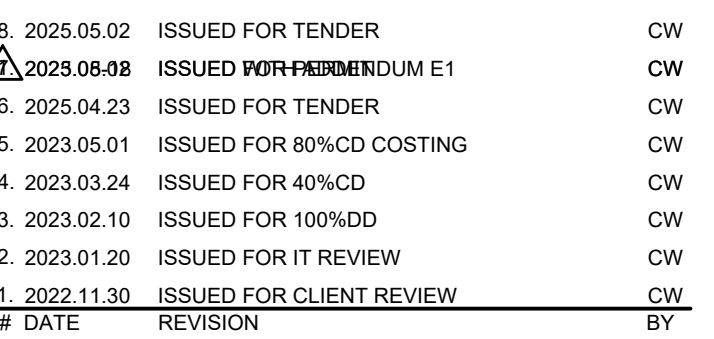
CLASSROOM TYPE:
-

CLASSROOM NUMBER:
-

Scale:	NOT TO SCALE
Drawn by:	CW
Reviewed by:	BD/TWS
Job number:	ED-22-764
Plot date:	2022.11.03

Drawing number:

E000-001



PHASE 2

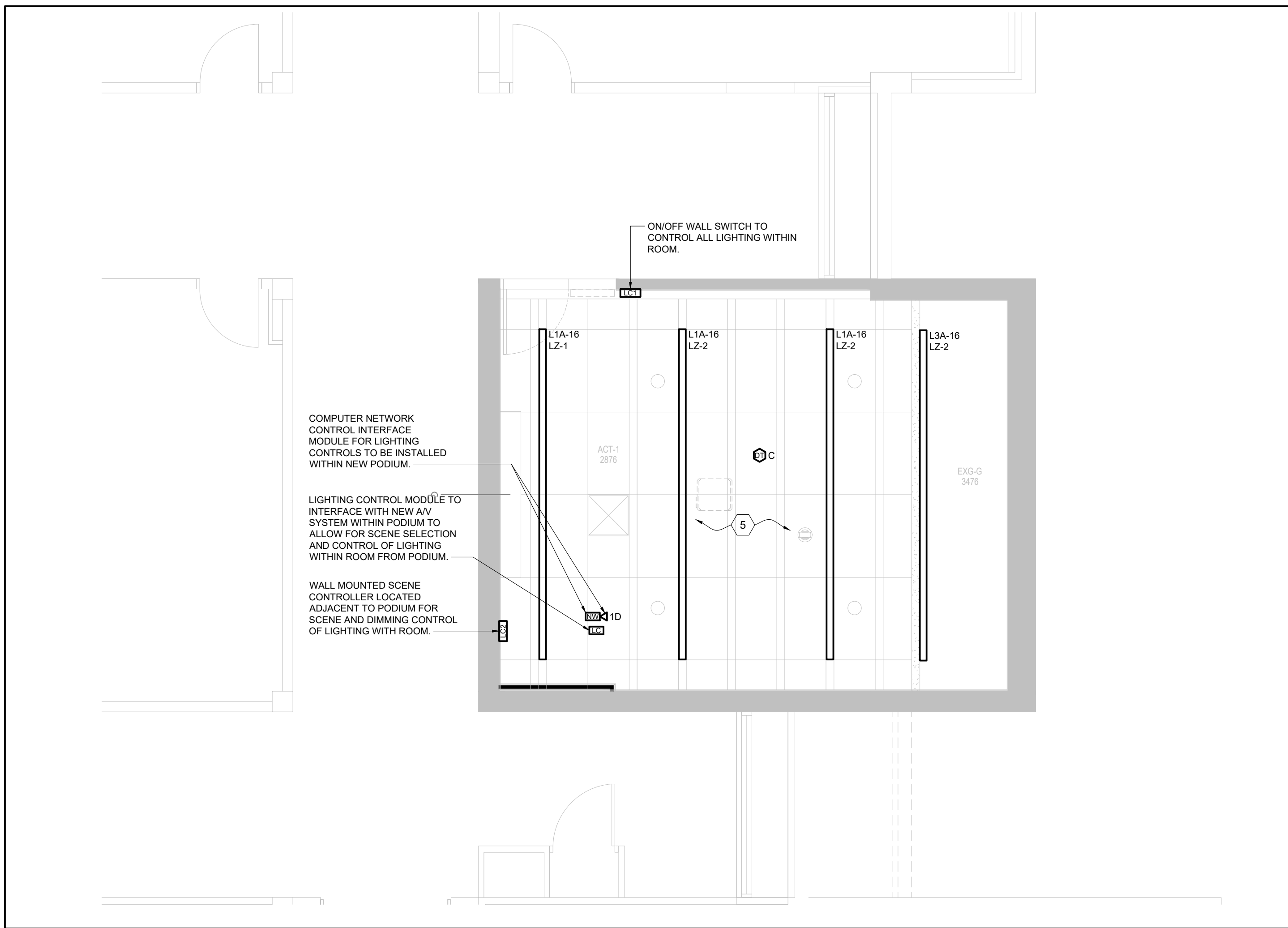
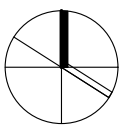
BUILDING NAME:
MCLAUGHLIN COLLEGE (MC)

BUILDING NUMBER:
378

CLASSROOM TYPE:
KEY PLAN

CLASSROOM NUMBER:

Drawing number: **E378-001**



3 MCLAUGHLIN COLLEGE #211 - NEW WORK LIGHTING PLAN
SCALE: 1:50

NEW WORK SHEET KEYNOTES

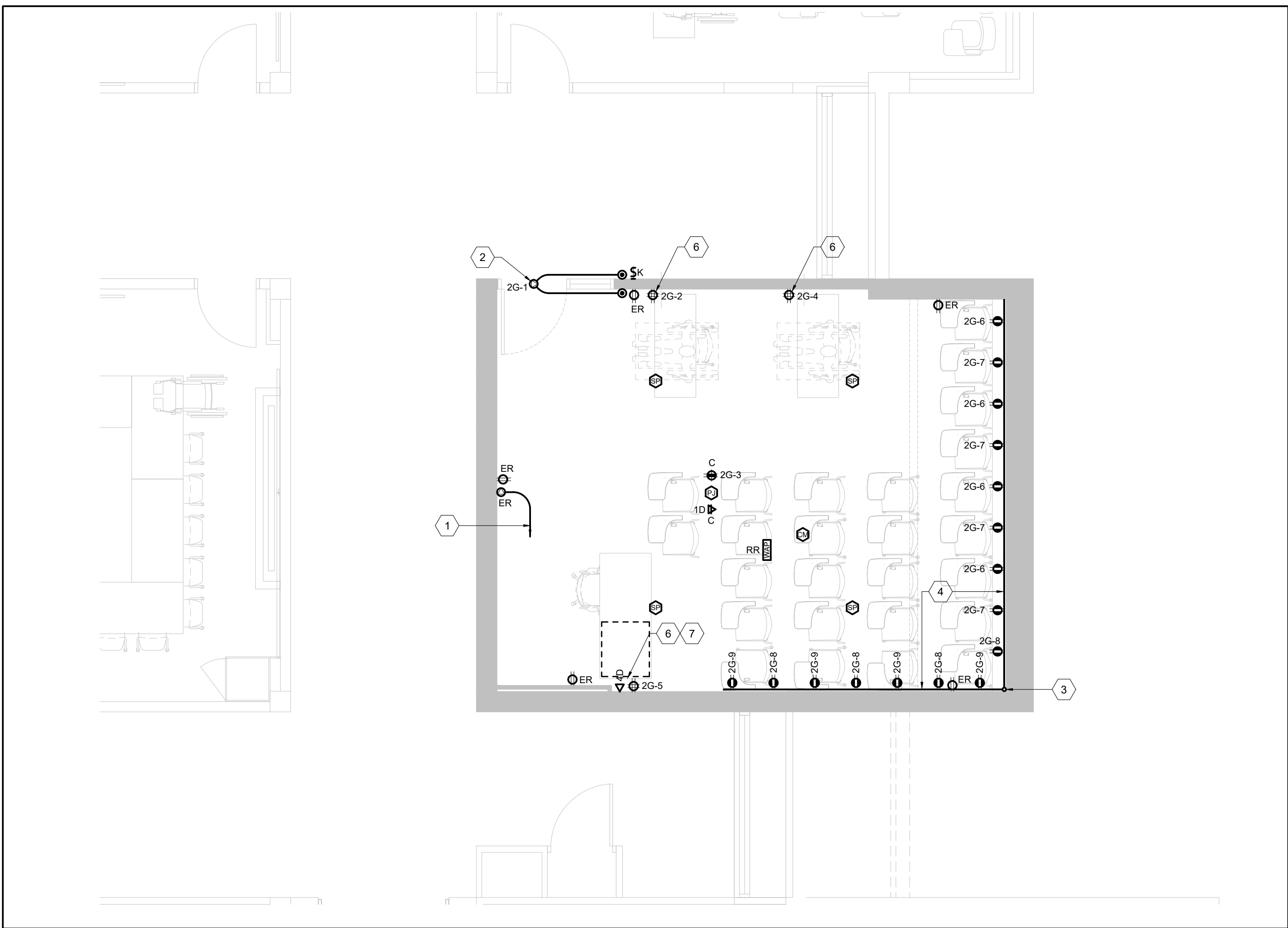
1. 1/2" (21mm) CONDUIT INSTALLED WITHIN CEILING OF FOR POWER TO NEW FOR PROJECTION SCREEN CONTROLS TO MAIN AV SYSTEM RACK. BE RESPONSIBLE TO CONFIRM EXACT ROUTING OF CONDUIT ON SITE PRIOR TO ROUGH-IN.
2. PROVIDE CONNECTION TO NEW POWER DOOR OPERATOR INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BETWEEN OPERATOR AND ACTUATORS. ALL WIRING AND CONDUIT BETWEEN ACTUATORS AND DOOR OPERATOR TO BE FLUSH MOUNTED IN WALL. INCLUDE FOR CUTTING AND PATCHING OF WALL AS REQUIRED.
3. FEED POINT FOR SURFACE RACEWAY DOWN WALL FROM CEILING SPACE. COORDINATE EXACT LOCATION ON SITE PRIOR TO ROUGH-IN. IF USING CONDUIT, CONDUIT SHALL BE PAINTED TO MATCH ADJACENT WALL COLOUR.
4. SURFACE MOUNTED RACEWAY COMPLETE WITH NEW USB RECEPTACLES AS NOTED ON PLANS. RACEWAY SHALL BE INSTALLED AT 610mm (2'-0") ABOVE FINISHED FLOOR AND BE COMPLETE WITH ALL REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION. RECEPTACLES SHALL BE CONNECTED TO BRANCH CIRCUIT(S) INDICATED. RACEWAY SHALL BE LEGRAND #AL3300 SERIES OR EQUIVALENT.
5. NEW LIGHTING TO BE RECONNECTED TO EXISTING 347 LIGHTING CIRCUIT. RETAINED AS PART OF THE DEMOLITION SCOPE. MODIFY EXISTING BRANCH CIRCUIT AS REQUIRED TO ACCOMMODATE NEW LIGHTING ARRANGEMENT. DEVICES TO BE CONCEALED WITHIN NEW DRYWALL PARTITION. COORDINATE INSTALLATION AND ROUGH-INS WITH GENERAL CONTRACTOR ON SITE.
6. RECEPTACLE SHALL BE 20A TYPE.
7. 1 x 35mm (AV), 3 x 27mm (DATA & AV) AND 1 x 21mm (POWER) CONDUITS INSTALLED VERTICALLY FROM CEILING TO DEVICE BACKBOXES AT TEACHING STATION. PROVIDE 100mm x 100mm WALL BOX AT TEACHING PODIUM FOR AV CABLE PULL THROUGH TO TEACHING PODIUM.

DEMO WORK SHEET KEYNOTES

1. EXISTING ROOM LIGHT SWITCH TO BE REMOVED IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED WIRING AND CONDUIT. ANY EXISTING CONDUIT EMBEDDED WITHIN EXISTING CONCRETE WALL CONSTRUCTION SHALL BE ABANDONED. PROVIDE BLANK COVER PLATE OVER EXISTING BACKBOX.
2. EXISTING LIGHTING FIXTURES WITHIN THIS SPACE TO BE REMOVED IN THEIR ENTIRETY AND TURNED OVER TO YORK UNIVERSITY. IF REQUIRED. BE RESPONSIBLE TO RETAIN EXISTING 347V NORMAL LIGHTING BRANCH CIRCUITS WITHIN THIS SPACE. MODIFY AS REQUIRED AND RECONNECT TO NEW LIGHTING AND SWITCHING/ZONE ARRANGEMENT AS SHOWN ON NEW WORK PLAN. ALL EXISTING 120V LIGHTING CIRCUITS SERVING THE FIXTURES BEING REMOVED, SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING ALL ASSOCIATED WIRING AND CONDUIT WORK.
3. EXISTING CEILING MOUNTED WIRELESS ACCESS POINT TO BE REMOVED AND REINSTALLED TO ACCOMMODATE REPLACEMENT OF EXISTING CEILING. EXISTING DATA CABLING TO BE RETAINED AND COILED WITHIN EXISTING CEILING SPACE DURING CONSTRUCTION. ALL WORK ASSOCIATED WITH REMOVAL AND REINSTALLATION OF EXISTING ACCESS POINT AND DATA CABLING SHALL BE COMPLETED BY YORK UNIVERSITY PREFERRED VENDOR FOR THIS BUILDING AS NOTED ON DRAWING #E000-001.
4. EXISTING CEILING MOUNTED AV SYSTEM SPEAKER TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY. IF REQUIRED. ALL EXISTING AV SYSTEM WIRING AND ANY ASSOCIATED CONDUIT (NOT CONCEALED WITHIN WALL) TO BE REMOVED IN ITS ENTIRETY.
5. REMOVE EXISTING RACK MOUNTED AV EQUIPMENT, ASSOCIATED RACK AND ASSOCIATED POWER OUTLET(S) AND DATA OUTLET(S) INSTALLED BEHIND RACK. INCLUDING ALL ASSOCIATED WIRING AND SYSTEM CABLING COMPLETE. REMOVAL OF DATA CABLING TO BE COMPLETED BY YORK UNIVERSITY PREFERRED SYSTEM VENDOR FOR THIS BUILDING, CARRIED BY THE ELECTRICAL CONTRACTOR. REFER TO DRAWING #E000-001 FOR APPLICABLE VENDOR. TURN OVER ANY EXISTING AV EQUIPMENT TO OWNER IF DESIRED.
6. EXISTING CEILING MOUNTED RECEPTACLE TO BE REMOVED IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE. ANY CONDUIT EMBEDDED IN EXISTING WALL OR CEILING CONSTRUCTION SHALL BE ABANDONED.
7. EXISTING CEILING MOUNTED AV SYSTEM PROJECTOR, INCLUDING ASSOCIATED MOUNTING BRACKETS TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY. IF REQUIRED. ALL EXISTING AV SYSTEM WIRING AND ANY ASSOCIATED CONDUIT (NOT CONCEALED WITHIN WALL) TO BE REMOVED IN ITS ENTIRETY.
8. EXISTING CEILING MOUNTED FIRE ALARM SPEAKER/HORN DEVICE TO BE RELOCATED TO ACCOMMODATE REPLACEMENT OF EXISTING CEILING. BE RESPONSIBLE TO MODIFY EXISTING SYSTEM WIRING AS REQUIRED TO ACCOMMODATE NEW LOCATION OF DEVICE AS SHOWN ON NEW WORK PLAN. COORDINATE WORK WITH YORK UNIVERSITY SECURITY/FIRE ALARM TEAM FORCES PRIOR TO COMMENCEMENT OF WORK. TEST AND VERIFY DEVICE UPON COMPLETION OF WORK.
9. EXISTING RECEPTACLE TO BE REMOVED AND REPLACED WITH NEW IN SAME LOCATION. PROVIDE BOX EXTENDER AS REQUIRED. MODIFY EXISTING BRANCH CIRCUIT WIRING AS REQUIRED AND RECONNECTED TO NEW RECEPTACLE COMPLETE. FACEPLATE TO BE REPLACED WITH NEW.
10. CONNECTION TO EXISTING MOTORIZED PROJECTION SCREEN TO BE RETAINED. BE RESPONSIBLE TO MODIFY EXISTING BRANCH CIRCUIT WIRING AS REQUIRED TO ACCOMMODATE NEW PROJECTION SCREEN AND RECONNECT COMPLETE. EXISTING CONTROL WIRING TO EXISTING AV RACK TO BE REMOVED IN ITS ENTIRETY.

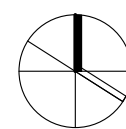
GENERAL NOTES

1. THIS DRAWING IS ISSUED TO SHOW SCOPE OF WORK ONLY. THE CONTRACTOR MUST PERFORM A SITE INSPECTION (INCLUDING CEILING SPACES) DURING THE TENDER PERIOD AND ENSURE THAT ALL WORK THAT IS VISIBLE IS INCLUDED IN THE DEMOLITION SCOPE OF WORK. ALL EXISTING SERVICES THAT PASS THROUGH THE RENOVATION AREA (UNLESS OBSOLETE) ARE TO BE MAINTAINED AND/OR RELOCATED TO SUIT THE SCOPE OF WORK.
2. FOR ALL DEVICES NOTED AS EXISTING TO REMAIN, BE RESPONSIBLE TO PROVIDE OUTLET BOX EXTENSIONS ON ANY EXISTING WALL MOUNTED DEVICES TO ACCOMMODATE FURRING OUT OF EXISTING WALLS. BE RESPONSIBLE TO REVIEW ARCHITECTURAL DRAWINGS DURING THE TENDER PERIOD AND COORDINATE WITH GENERAL CONTRACTOR ON SITE. INCLUDE FOR DISCONNECTION AND REINSTALLATION OF ALL EXISTING DEVICES AND MODIFICATION OF EXISTING BRANCH CIRCUIT WIRING AS REQUIRED.
3. ALL CONDUIT PENETRATIONS INTO LECTURE HALL #108A SHALL BE PACKED AND SEALED TO MEET THE REQUIRED "NC" SOUND LEVEL RATINGS AS NOTED IN THE ACOUSTIC CONSULTANT'S REPORT LOCATED WITHIN ARCHITECTURAL SPECIFICATIONS. PROVIDE REQUIRED SEAL MATERIALS TO SUIT.
4. CONTRACTOR TO PROVIDE NEW "J" HOOKS WITHIN EXISTING CEILING SPACE AS REQUIRED TO INSTALL AND SUPPORT NEW DATA CABLING. COORDINATE ROUTING AND LOCATION ON SITE WITH YORK UNIVERSITY PREFERRED VENDOR FOR THIS BUILDING.
5. REFER TO AV DRAWING #EA212-211 FOR EXACT CONDUIT REQUIREMENTS AND MOUNTING HEIGHTS FOR JUNCTION BOXES, ETC.

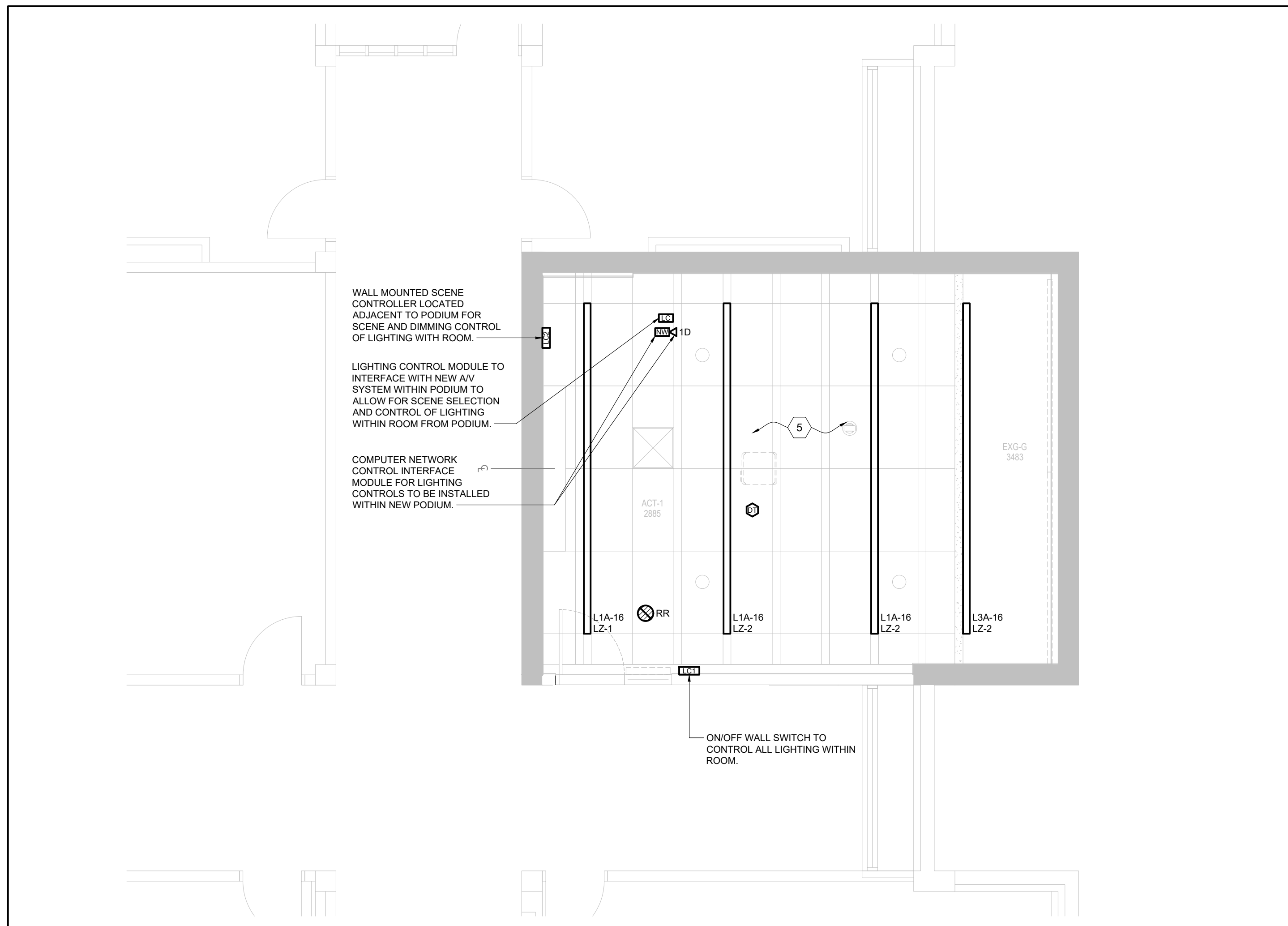




Project North



True North



3 MCLAUGHLIN COLLEGE #212 - NEW WORK LIGHTING PLAN
SCALE: 1:50

NEW WORK SHEET KEYNOTES

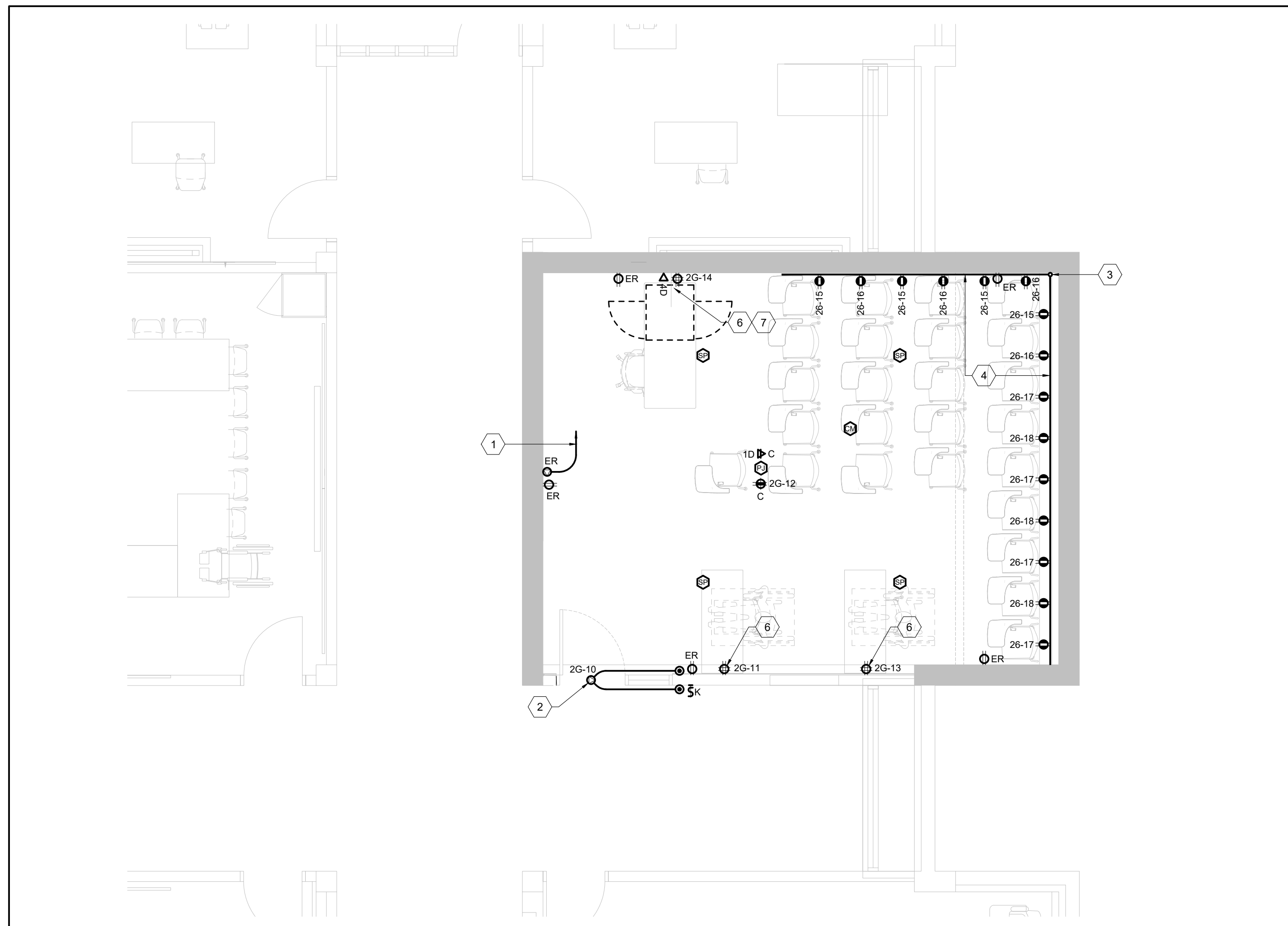
- | | |
|---|---|
| 1 | 2" (21mm) CONDUIT INSTALLED WITHIN CEILING OF FOR POWER TO NEW FOR PROJECTION SCREEN CONTROLS TO MAIN AV SYSTEM RACK. BE RESPONSIBLE TO CONFIRM EXIST ROUTING OF CONDUIT ON SITE PRIOR TO ROUGH-IN. |
| 2 | PROVIDE CONNECTION TO NEW POWER DROD OPERATOR INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BETWEEN OPERATOR AND ACTUATORS. |
| 3 | EXISTING AND NEW CONDUIT SHALL BE MOUNTED TO WALLS AND CEILING. ALL CONDUIT SHALL BE FLUSH MOUNTED IN WALL, INCLUDE FOR CUTTING AND PATCHING OF WALL AS REQUIRED. |
| 4 | FINISH COAT FOR SURFACE RACEWAY DOWN WALL FROM CEILING SPACE. COORDINATE EXIST LOCATION ON SITE PRIOR TO ROUGH-IN. IF USING CONDUIT, CONDUIT SHALL BE PAINTED TO MATCH ADJACENT WALL COLOUR. |
| 5 | SURFACE MOUNTED RACEWAY COMPLETE WITH NEW USB RECEPTACLES AS PER PLANS. ALL PLANS SHALL BE COMPLETED PRIOR TO FINISHING. ON FINISHED FLOOR AND BE COMPLETE WITH ALL REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION. RECEPTACLES SHALL BE CONNECTED TO EXISTING OR NEW CIRCUITRY. RACEWAY SHALL BE LEGRAND #AL3000 SERIES OR EQUIVALENT. |
| 6 | NEW LIGHTING TO BE RECONNECTED TO EXISTING 3x7 LIGHTING CIRCUIT. ALL PARTS AS PART OF EXISTING CIRCUIT TO BE RECONNECTED TO EXISTING CIRCUIT AS REQUIRED TO ACCOMMODATE NEW LIGHTING ARRANGEMENT. |
| 7 | DEVICES TO BE CONCEALED WITHIN NEW DRYWALL PARTITION. COORDINATE INSTALLATION AND ROUGH-INS WITH GENERAL CONTRACTOR ON SITE. |
| 8 | 1 x 35mm (AV), 3 x 27mm (DATA & AV) AND 1 x 21mm (POWER) CONDUITS INSTALLED VERTICALLY FROM CEILING TO DEVICE BACKBOXES AT TEACHING POD. PROVIDE NEW 100mm (4") CONDUIT FROM TEACHING POD TO AV CABLE PULL THROUGH TO TEACHING PODIUM. |

DEMO WORK SHEET KEYNOTES

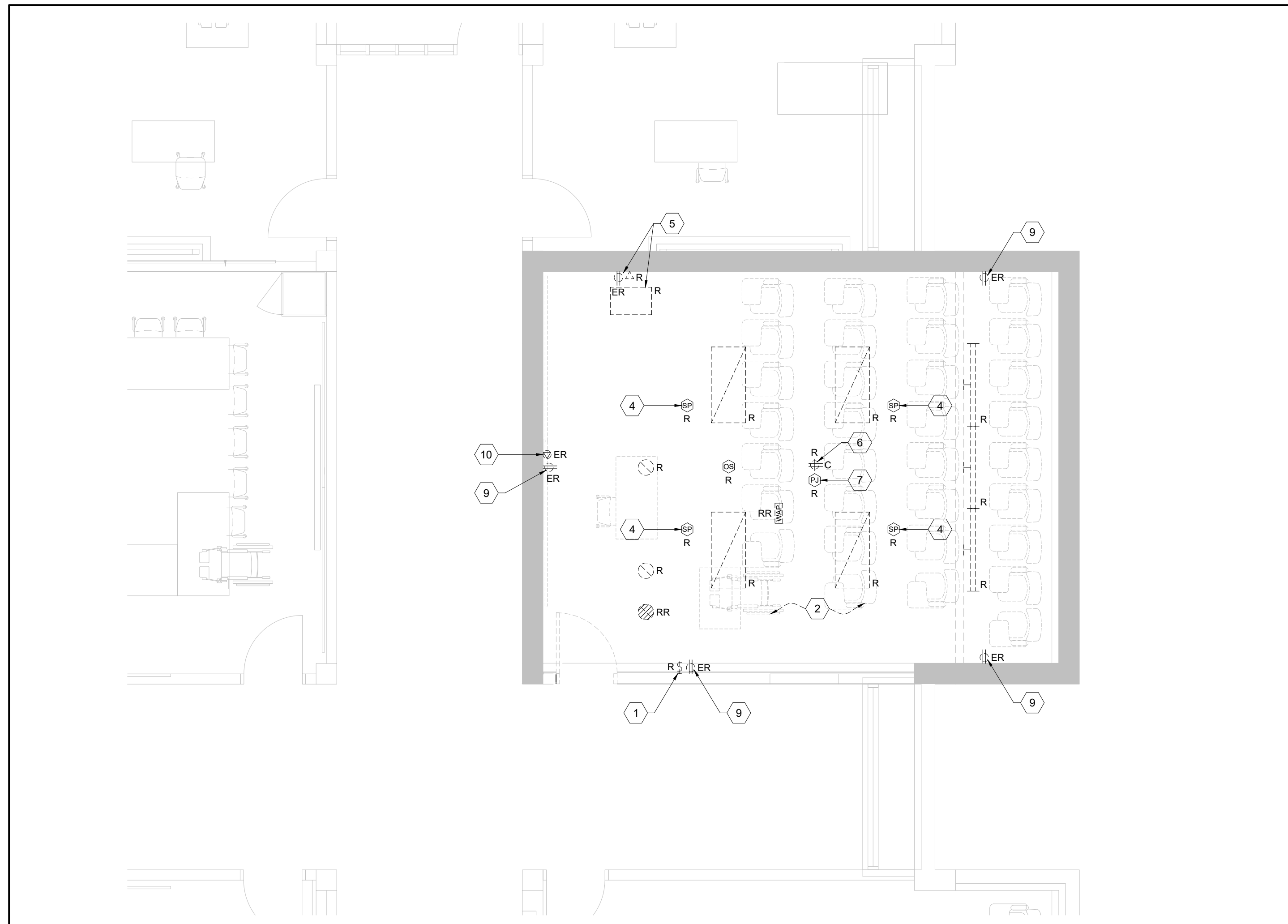
1. EXISTING ROOM LIGHT SWITCH TO BE REMOVED IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED WIRING AND CONDUIT. ANY EXISTING CONDUIT EMBEDDED WITHIN EXISTING CONCEALED WALL CONSTRUCTION SHALL BE ABANDONED.
2. ALL WORK SHALL BE ACCORDING TO THE 2017 NATIONAL ELECTRICAL CODE (NEC) EXISTING LIGHTING FIXTURES WITHIN THIS SPACE TO BE REMOVED IN THEIR ENTIRETY AND TURNED OVER TO YORK UNIVERSITY. IF REQUIRED, BE RESPONSIBLE TO RECONNECT TO EXISTING SYSTEMS OR RECONNECT TO CIRCUITS WITHIN THIS SPACE, MODIFY AS REQUIRED AND RECONNECT TO NEW LIGHTING AND SWITCHING/ZONE ARRANGEMENT AS SHOWN ON NEW WORK PLAN. ALL EXISTING 120V/208V LIGHTING CIRCUITS SERVING THE FUTURE SPACE TO BE REMOVED, SHALL BE REMOVED IN ITS ENTIRETY INCLUDING ALL ASSOCIATED WIRING AND CONDUIT WORK.
3. EXISTING CEILING MOUNTED WIRELESS ACCESS POINT TO BE REMOVED AND REINSTALLED TO ACCOMMODATE NEW WIRELESS ACCESS POINT. EXISTING CEILING SPACE DUCTING TO BE RETAINED AND COILED WITHIN EXISTING CEILING SPACE DURING CONSTRUCTION. ALL WORK ASSOCIATED WITH REMOVAL AND REINSTALLATION OF EXISTING ACCESS POINT AND DATA CABLE SHALL BE THE RESPONSIBILITY OF YORK UNIVERSITY. PREFERRED VENDOR FOR THIS BUILDING AS NOTED ON DRAWING #E000-01.
4. EXISTING CEILING MOUNTED ANY SYSTEM SPEAKER TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY. IF REQUIRED, ALL EXISTING ANY SYSTEM WIRING AND ANY ASSOCIATED CONDUIT (NOT CONCEALED WITHIN WALL) TO BE REMOVED IN ITS ENTIRETY.
5. REMOVE EXISTING RACK MOUNTED EQUIPMENT, ASSOCIATED RACK AND ASSOCIATED POWER AND DATA CABLES. REMOVE EXISTING RACK TO RACK, INCLUDING ALL ASSOCIATED WIRING AND SYSTEM CABLEING COMPLETE. REMOVAL OF DATA CABLEING TO BE COMPLETED BY YORK UNIVERSITY. PREFERRED SYSTEM VENDOR FOR THIS BUILDING, CARRIED BY THE ELEVATOR CONTRACTOR. CONTRACTOR TO REMOVE EXISTING RACK OR EQUIP. TURN OVER ANY EXISTING AV EQUIPMENT TO OWNER IF DESIRED.
6. EXISTING CEILING MOUNTED RECEPTACLE TO BE REMOVED IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE. ANY CABLE EMBEDDED IN EXISTING WALL OR CEILING CONSTRUCTION SHALL BE ABANDONED.
7. EXISTING CEILING MOUNTED ANY SYSTEM PROJECTOR, INCLUDING ASSOCIATED MOUNTING AND WIRING TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY. IF REQUIRED, ALL EXISTING AV SYSTEM WIRING AND ANY ASSOCIATED CONDUIT (NOT CONCEALED WITHIN WALL) TO BE REMOVED IN ITS ENTIRETY.
8. EXISTING CEILING MOUNTED FIRE ALARM SPEAKER/HORN DEVICE TO BE RELOCATED TO ACCOMMODATE REPLACEMENT OF EXISTING DEVICE. BE RESPONSIBLE TO MODIFY EXISTING SYSTEM WIRING AS REQUIRED TO ACCOMMODATE NEW LOCATION OF DEVICE. COORDINATE WITH NEW WORK COORDINATOR WORK FOR YORK UNIVERSITY SECURITY SYSTEMS TEAM FORCES PRIOR TO COMMENCEMENT OF WORK. TEST AND VERIFY DEVICE UPON COMPLETION OF WORK.
9. EXISTING RECEPTACLE TO BE REMOVED AND REPLACED WITH NEW IN SAME LOCATION. PROVIDE BOX EXTENDER AS REQUIRED. MODIFY EXISTING BRANCH CIRCUIT WIRING AS REQUIRED AND RECONNECTED TO NEW RECEPTACLE COMPLETE. FACELATE TO BE REPLACED WITH NEW CONNECTION TO NEW RECEPTACLE.
10. RETAINED. BE RESPONSIBLE TO MODIFY EXISTING BRANCH CIRCUIT WIRING AS REQUIRED TO ACCOMMODATE NEW PROJECTION SCREEN AND RECONNECT COMPLETE. PROVIDE REMOTE CONTROL. WIRING TO EXISTING AV RACK TO BE REMOVED IN ITS ENTIRETY.

GENERAL NOTES

- 1 THIS DRAWING IS ISSUED TO SHOW SCOPE OF WORK ONLY. THE
2 CONTRACTOR MUST PERFORM A SITE INSPECTION INCLUDING CEILING
3 SPACES DURING THE TENDER PERIOD AND ENSURE THAT ALL EXISTING
4 WORK IS INCLUDED IN THE SCOPE OF WORK. ALL EXISTING
5 SERVICES THAT PASS THROUGH THE RENOVATION AREA (UNLESS OBSOLETE)
6 ARE TO BE MAINTAINED AND/OR RELOCATED TO SUIT THE SCOPE OF WORK.
7
8 FOR ALL DEVICES NOTED AS EXISTING TO REMAIN, BE RESPONSIBLE TO
9 IDENTIFY THE OUTLET AND/OR TESTER IDENTIFICATION. INSTALL MOUNTING
10 DEVICES TO ACCOMMODATE FURRING OUT OF EXISTING WALLS. BE
11 RESPONSIBLE TO REVIEW ARCHITECTURAL DRAWINGS DURING THE TENDER
12 PERIOD AND COORDINATE WITH GENERAL CONTRACTOR ON SITE. INCLUDE
13 ALL ELECTRICAL CONNECTIONS AND WIRING TO BE MAINTAINED, REPAIRS
14 AND MODIFICATION OF EXISTING BRANCH CIRCUIT WIRING AS REQUIRED.
15
16 ALL CONDUIT PENETRATIONS INTO LECTURE HALL #109A SHALL BE PACKED
17 AND SEALED TO MEET THE REQUIRED "NC" SOUND LEVEL RATINGS AS NOTED
18 IN THE ACOUSTIC TREATMENT SPECIFICATIONS. COORDINATE WITH ARCHITECTURAL
19 SPECIFICATIONS. PROVIDE REQUIRED SEAL MATERIALS TO SUIT.
20
21 CONTRACTOR TO PROVIDE NEW "J" HOOKS WITHIN EXISTING CEILING SPACE
22 AS REQUIRED TO INSTALL AND SUPPORT NEW DATA CABLEING. COORDINATE
23 ROUTING AND LOCATION ON SITE WITH YORK UNIVERSITY PREFERRED
24 PRACTICES FOR THIS TYPE OF INSTALLATION.
25
26 REFER TO AV DRAWING #E212211 FOR EXACT CONDUIT REQUIREMENTS
27 AND MOUNTING HEIGHTS FOR JUNCTION BOXES, ETC.



2 MCLAUGHLIN COLLEGE #212 - NEW WORK POWER & SIGNALS PLAN
SCALE: 1:50



1 MCLAUGHLIN COLLEGE #212 - DEMOLITION PLAN
SCALE: 1:50

- | | | | |
|----|------------|--------------------------|----|
| 8. | 2025.05.02 | ISSUED FOR TENDER | CW |
| 7. | 2025.05.02 | ISSUED FOR PERMIT | CW |
| 6. | 2025.04.23 | ISSUED FOR TENDER | CW |
| 5. | 2023.05.01 | ISSUED FOR 80%CD COSTING | CW |
| 4. | 2023.03.24 | ISSUED FOR 40%CD | CW |
| 3. | 2023.02.10 | ISSUED FOR 100%DD | CW |
| 2. | 2023.01.20 | ISSUED FOR IT REVIEW | CW |
| 1. | 2022.11.30 | ISSUED FOR CLIENT REVIEW | CW |
| # | DATE | REVISION | BY |



All drawing and specifications are the property of the architect.
The contractor shall verify all dimensions and information on site
and report any discrepancy to architect before proceeding.

YORK CLASSROOM
RENEWAL Y3

York University, Keele Campus

PHASE 2

BUILDING NAME:
MCLAUGHLIN COLLEGE (MC

BUILDING NUMBER:
378

CLASSROOM TYPE:
TRADITIONAL FLAT (TABLET

CLASSROOM NUMBER:
212

Scale: 1 : 50

Drawn by: CW

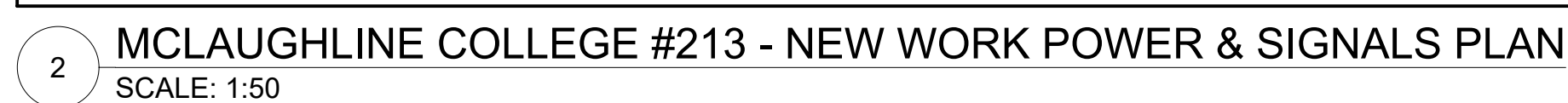
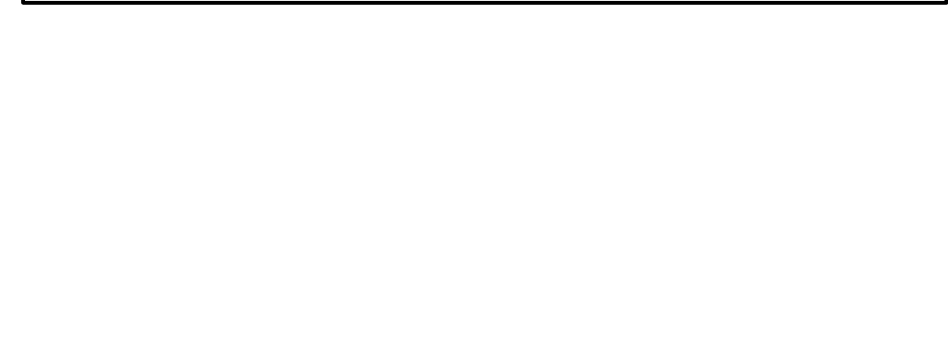
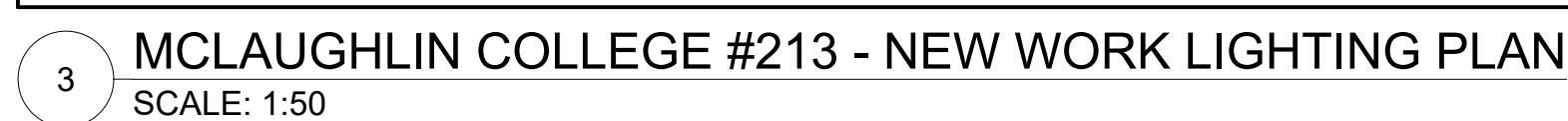
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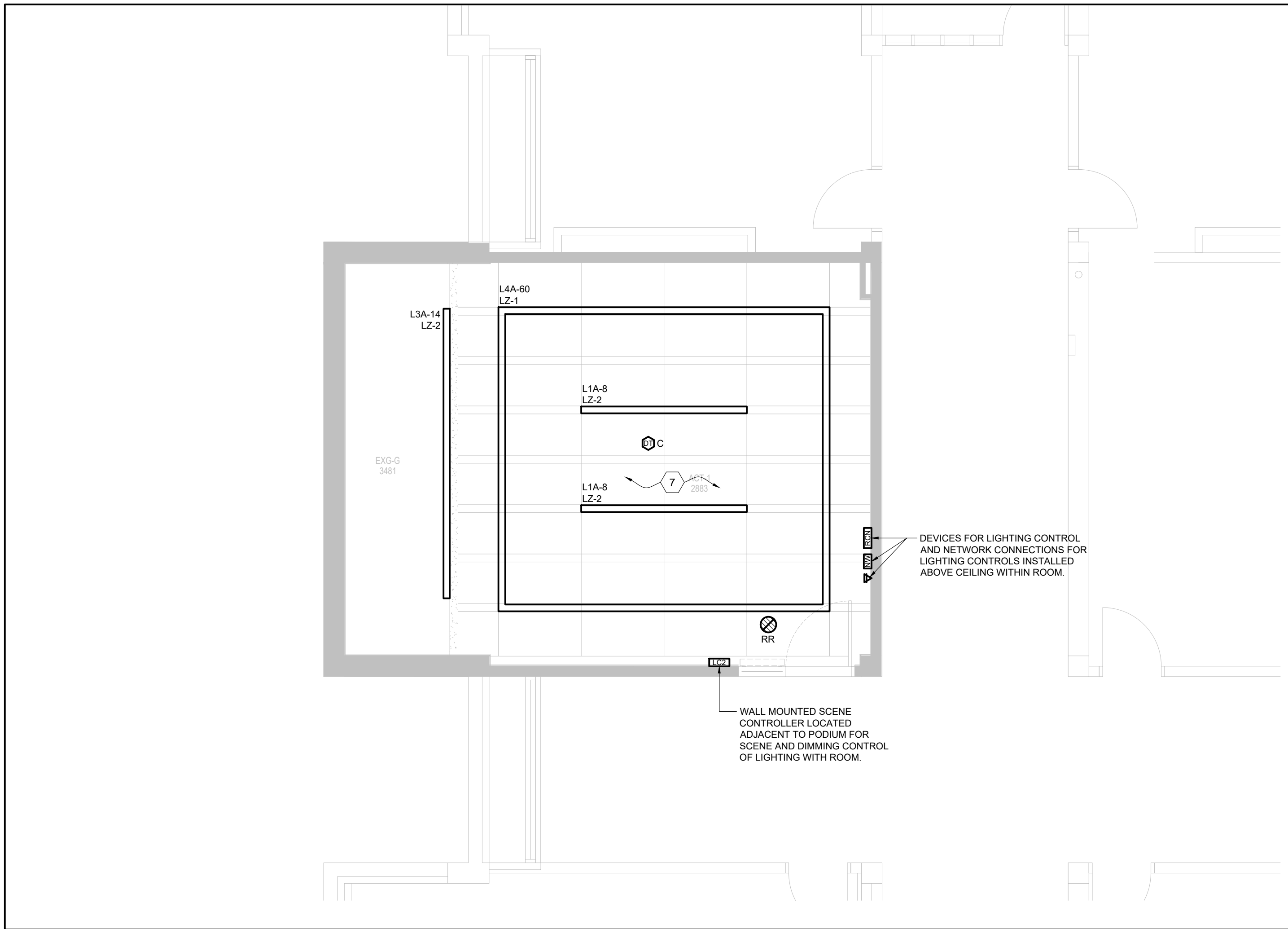
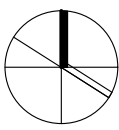
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Plot date: 2022.11.03

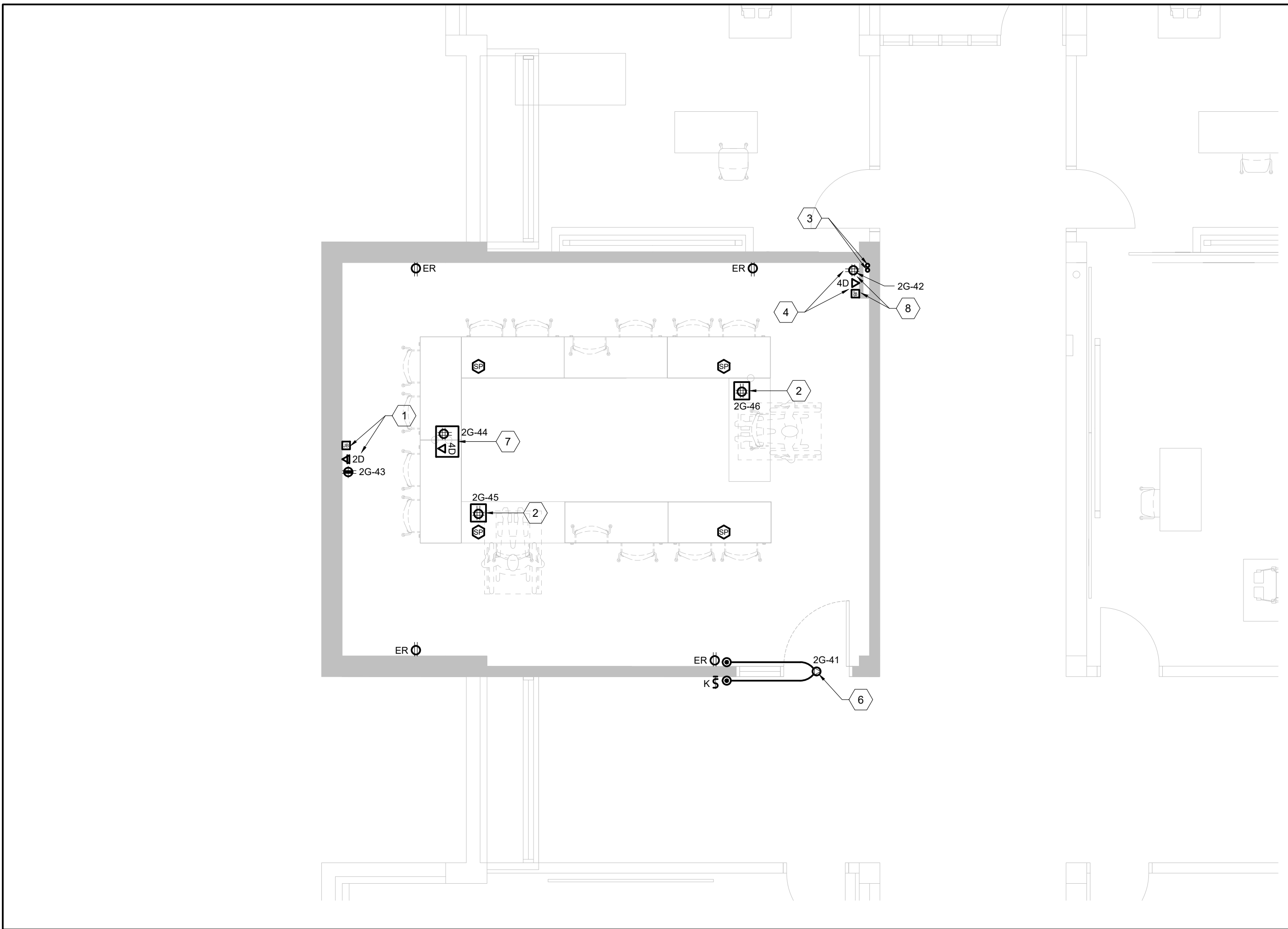
Drawing number:

E378-212





3 MCLAUGHLIN COLLEGE #215 - NEW WORK LIGHTING PLAN
SCALE: 1:50

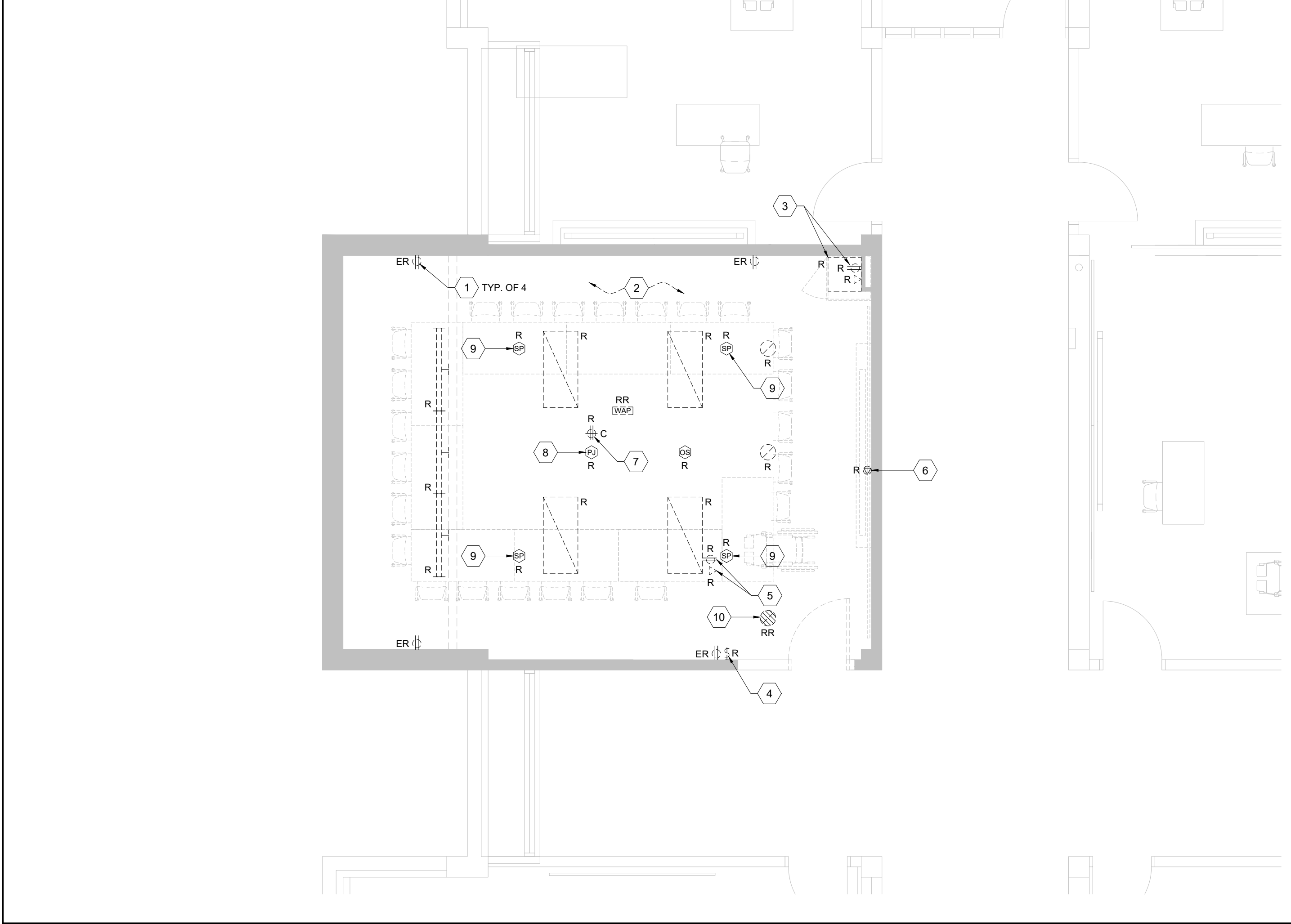


2 MCLAUGHLIN COLLEGE #215 - NEW WORK POWER & SIGNALS PLAN
SCALE: 1:50

- NEW WORK SHEET KEYNOTES**
- EMPTY SINGLE GANG BACKBOX INSTALLED AT 1525mm A.F.F. FOR AV INPUTS FOR LED DISPLAY MONITOR. ADJACENT QUAD RECEPTACLE AND DUAL DATA OUTLET TO BE INSTALLED AT SAME HEIGHT. EXTEND 27mm CONDUIT, COMPLETE WITH PULL STRING, FROM BACKBOX UP TO CEILING, OVER TO ABOVE NEW AV CABINET AND DOWN TO NEW DOUBLE GANG BOX BEHIND AV CABINET. REFER TO AV CONSULTANT DRAWINGS AND NOTE #3 ON THIS DRAWING FOR FURTHER DETAILS.
 - PROVIDE NEW FLUSH POKE THROUGH DEVICE, COMPLETE WITH TWO (2) COMBINATION 15A DUPLEX RECEPTACLE AND USB CHARGING DEVICES. BE RESPONSIBLE TO SCAN EXISTING FLOOR SLAB PRIOR TO CORE DRILLING FLOOR TO INSTALL POKE THROUGH DEVICE. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONAL LOCATION OF POKE THROUGH DEVICE. POKE THROUGH DEVICES SHALL BE LEGRAND EVOLUTION SERIES - 4" POKE-THRU DEVICE OR EQUIVALENT. CONFIRM COLOUR FINISH PRIOR TO ORDERING.
 - EMPTY DOUBLE GANG BACKBOX INSTALLED AT 457mm A.F.F. FOR AV INPUTS FOR NEW AV SYSTEM CABINET. ADJACENT QUAD RECEPTACLE AND QUAD DATA OUTLET TO BE INSTALLED AT SAME HEIGHT.
 - QUAD 20A RECEPTACLE AND QUAD DATA OUTLET TO BE INSTALLED BEHIND NEW AV SYSTEM CABINET AT 457mm A.F.F. AND ADJACENT TO DOUBLE GANG BACKBOX FOR AV INPUTS. COORDINATE EXACT LOCATION ON SITE PRIOR TO ROUGH-IN. DEVICES SHALL BE INSTALLED SURFACE MOUNTED.
 - PROVIDE CONNECTION TO NEW POWER DOOR OPERATOR INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BETWEEN OPERATOR AND ACTUATORS. ALL WIRING AND CONDUIT BETWEEN ACTUATORS AND DOOR OPERATOR TO BE FLUSH MOUNTED IN WALL, INCLUDE FOR CUTTING AND PATCHING OF WALL AS REQUIRED.
 - PROVIDE NEW FLUSH POKE THROUGH DEVICE, COMPLETE WITH TWO (2) COMBINATION 20A DUPLEX RECEPTACLE AND QUAD (4-GANG) DATA OUTLET AND AV CONNECTION OPENING. BE RESPONSIBLE TO SCAN EXISTING FLOOR SLAB PRIOR TO CORE DRILLING FLOOR TO INSTALL POKE THROUGH DEVICE. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONAL LOCATION OF POKE THROUGH DEVICE. POKE THROUGH DEVICE SHALL BE LEGRAND EVOLUTION SERIES - 6" POKE-THRU OR EQUIVALENT. CONFIRM COLOUR FINISH PRIOR TO ORDERING.
 - NEW LIGHTING TO BE RECONNECTED TO EXISTING 347V LIGHTING CIRCUIT RETAINED AS PART OF THE DEMOLITION SCOPE. MODIFY EXISTING BRANCH CIRCUIT AS REQUIRED TO ACCOMMODATE NEW LIGHTING ARRANGEMENT.
 - ALL NEW DEVICES TO BE CONCEALED WITHIN DRYWALL PARTITIONS. FOR EXISTING DEVICES TO BE REPLACED WITH NEW PROVIDE BOX EXTENSIONS ON EXISTING DEVICE BACKBOX TO ALLOW FOR FLUSH MOUNTING OF DEVICE. COORDINATE INSTALLATION AND ROUGH-INS WITH GENERAL CONTRACTOR ON SITE.

- DEMO WORK SHEET KEYNOTES**
- EXISTING RECEPTACLE TO BE REMOVED AND REPLACED WITH NEW IN SAME LOCATION. PROVIDE BOX EXTENDER AS REQUIRED. MODIFY EXISTING BRANCH CIRCUIT WIRING AS REQUIRED AND RECONNECTED TO NEW RECEPTACLE COMPLETE. FACEPLATE TO BE REPLACED WITH NEW.
 - EXISTING LIGHTING FIXTURES WITHIN THIS SPACE TO BE REMOVED IN THEIR ENTIRETY AND TURNED OVER TO YORK UNIVERSITY, IF REQUIRED. BE RESPONSIBLE TO RETAIN EXISTING 347V NORMAL LIGHTING BRANCH CIRCUITS WITHIN THIS SPACE. MODIFY AS REQUIRED AND RECONNECT TO NEW LIGHTING AND SWITCHING/ZONE ARRANGEMENT AS SHOWN ON NEW WORK PLAN. ALL EXISTING 120V LIGHTING CIRCUITS SERVING THE FIXTURES BEING REMOVED, SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING ALL ASSOCIATED WIRING AND CONDUIT WORK.
 - REMOVE EXISTING RACK MOUNTED AV EQUIPMENT, ASSOCIATED RACK AND ASSOCIATED POWER OUTLET(S) AND DATA OUTLET(S) INSTALLED BEHIND RACK, INCLUDING ALL ASSOCIATED WIRING AND SYSTEM CABLING COMPLETE. REMOVAL OF DATA CABLING TO BE COMPLETED BY YORK UNIVERSITY PREFERRED SYSTEM VENDOR FOR THIS BUILDING, CARRIED BY THE ELECTRICAL CONTRACTOR. REFER TO DRAWING #E000-001 FOR APPLICABLE VENDOR. TURN OVER ANY EXISTING AV EQUIPMENT TO OWNER IF DESIRED. EXISTING LIGHT SWITCHES TO BE REMOVED IN THEIR ENTIRETY. INCLUDE FOR REMOVAL OF ALL ASSOCIATED WIRING. PROVIDE BLANK STAINLESS STEEL COVER PLATE(S) OVER EXISTING BACKBOXES.
 - EXISTING POWER, DATA AND AV CONNECTIONS WITHIN EXISTING MILLWORK TO BE REMOVED IN THEIR ENTIRETY. PRIOR TO REMOVAL OF ANY EXISTING AV DEVICES, COORDINATE WITH YORK UNIVERSITY WHICH EQUIPMENT IS TO BE RETAINED AND TURNED OVER TO I.T. OR AV SERVICES.
 - POWER CONNECTION AND ASSOCIATED CONTROL CABLING FOR EXISTING MOTORIZED PROJECTION SCREEN TO BE REMOVED IN ITS ENTIRETY. INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE. EXISTING PROJECTION SCREEN TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY.
 - EXISTING CEILING MOUNTED RECEPTACLE TO BE REMOVED IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE. ANY CONDUIT EMBEDDED IN EXISTING WALL OR CEILING CONSTRUCTION SHALL BE ABANDONED.
 - EXISTING CEILING MOUNTED AV SYSTEM PROJECTOR, INCLUDING ASSOCIATED MOUNTING BRACKETS TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY, IF REQUIRED. ALL EXISTING AV SYSTEM WIRING AND ANY ASSOCIATED CONDUIT (NOT CONCEALED WITHIN WALL) TO BE REMOVED IN ITS ENTIRETY.
 - EXISTING CEILING MOUNTED AV SYSTEM SPEAKER TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY, IF REQUIRED. ALL EXISTING AV SYSTEM WIRING AND ANY ASSOCIATED CONDUIT (NOT CONCEALED WITHIN WALL) TO BE REMOVED IN ITS ENTIRETY.
 - EXISTING RECESSED CEILING MOUNTED EMERGENCY LIGHT TO BE TEMPORARILY TAKEN DOWN TO FACILITATE REPLACEMENT OF EXISTING CEILING. BE RESPONSIBLE TO DISCONNECT EXISTING LUMINAIRE, STORE ON SITE AND RE-INSTALL IN NEW CEILING. RECONNECT LUMINAIRE TO EXISTING EMERGENCY LIGHTING CIRCUIT AND TEST AND VERIFY DEVICE UPON COMPLETION OF WORK.

- GENERAL NOTES**
- THIS DRAWING IS ISSUED TO SHOW SCOPE OF WORK ONLY. THE CONTRACTOR MUST PERFORM A SITE INSPECTION (INCLUDING CEILING SPACES) DURING THE TENDER PERIOD AND ENSURE THAT ALL WORK THAT IS VISIBLE IS INCLUDED IN THE DEMOLITION SCOPE OF WORK. ALL EXISTING SERVICES THAT PASS THROUGH THE RENOVATION AREA (UNLESS OBSOLETE) ARE TO BE MAINTAINED AND/OR RELOCATED TO SUIT THE SCOPE OF WORK.
 - FOR ALL DEVICES NOTED AS EXISTING TO REMAIN, BE RESPONSIBLE TO PROVIDE OUTLET BOX EXTENSIONS ON ANY EXISTING WALL MOUNTED DEVICES TO ACCOMMODATE FURRING OUT OF EXISTING WALLS. BE RESPONSIBLE TO REVIEW ARCHITECTURAL DRAWINGS DURING THE TENDER PERIOD AND COORDINATE WITH GENERAL CONTRACTOR ON SITE. INCLUDE FOR DISCONNECTION AND REINSTALLATION OF ALL EXISTING DEVICES AND MODIFICATION OF EXISTING BRANCH CIRCUIT WIRING AS REQUIRED.
 - ALL CONDUIT PENETRATIONS INTO LECTURE HALL #109A SHALL BE PACKED AND SEALED TO MEET THE REQUIRED "NC" SOUND LEVEL RATINGS AS NOTED IN THE ACOUSTIC CONSULTANT'S REPORT LOCATED WITHIN ARCHITECTURAL SPECIFICATIONS. PROVIDE REQUIRED SEAL MATERIALS TO SUIT.
 - CONTRACTOR TO PROVIDE NEW "J" HOOKS WITHIN EXISTING CEILING SPACE AS REQUIRED TO INSTALL AND SUPPORT NEW DATA CABLING. COORDINATE ROUTING AND LOCATION ON SITE WITH YORK UNIVERSITY PREFERRED VENDOR FOR THIS BUILDING.
 - REFER TO AV DRAWING #EAV216-215 FOR EXACT CONDUIT REQUIREMENTS AND MOUNTING HEIGHTS FOR JUNCTION BOXES, ETC.



1 MCLAUGHLIN COLLEGE #215 - DEMOLITION PLAN
SCALE: 1:50

8.	2025.05.02	ISSUED FOR TENDER	CW
7.	2025.05.02	ISSUED FOR PERMIT	CW
6.	2025.04.23	ISSUED FOR TENDER	CW
5.	2023.05.01	ISSUED FOR 80%CD COSTING	CW
4.	2023.03.24	ISSUED FOR 40%CD	CW
3.	2023.02.10	ISSUED FOR 100%DD	CW
2.	2023.01.20	ISSUED FOR IT REVIEW	CW
1.	2022.11.30	ISSUED FOR CLIENT REVIEW	CW
#	DATE	REVISION	BY



All drawing and specifications are the property of the architect. The contractor shall verify all dimensions and information on site and report any discrepancy to architect before proceeding.

**YORK CLASSROOM
RENEWAL Y3**
York University, Keele Campus

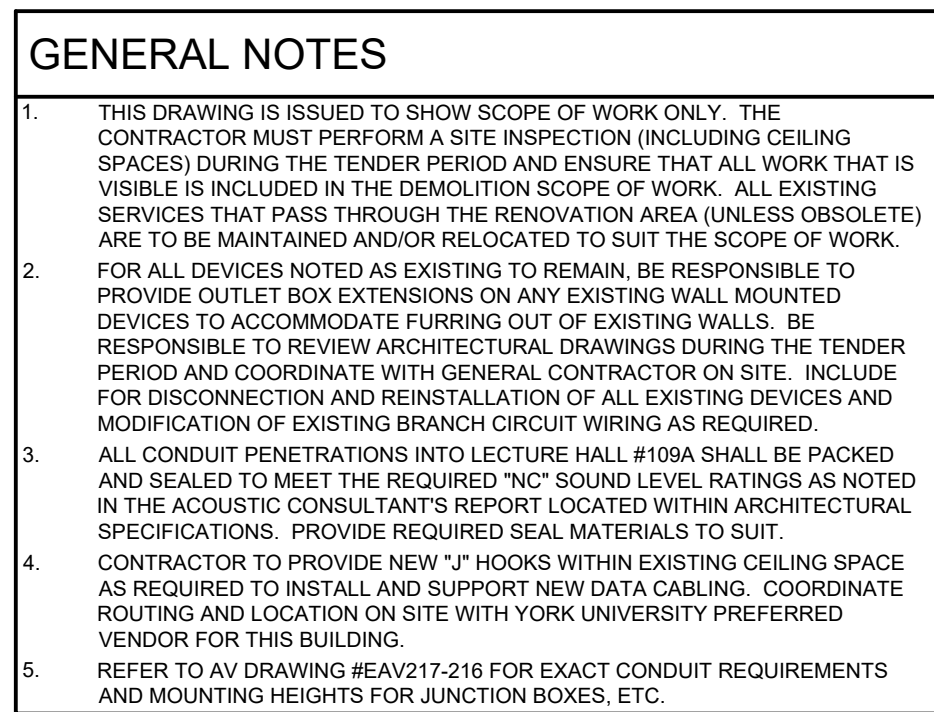
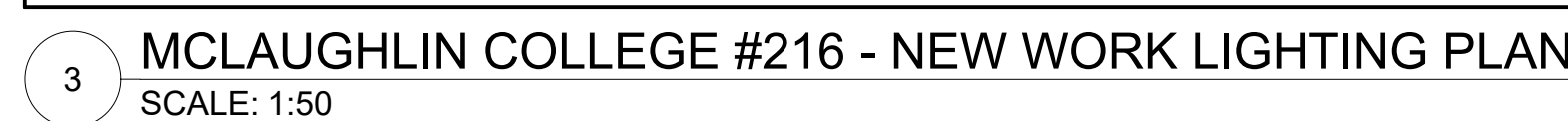
PHASE 2

BUILDING NAME:
MCLAUGHLIN COLLEGE (MC)
BUILDING NUMBER:
378
CLASSROOM TYPE:
SEMINAR FLAT
CLASSROOM NUMBER:
215

Scale: 1:50
Drawn by: CW
Reviewed by: BD/TWS
Job number: ED-22-764
Plot date: 2022.11.03

Drawing number:

E378-215



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and report any discrepancy to architect before proceeding.

YORK CLASSROOM
RENEWAL Y3

York University, Keele Campus

PHASE 2

BUILDING NAME:
MCLAUGHLIN COLLEGE (MC)

BUILDING NUMBER:
378

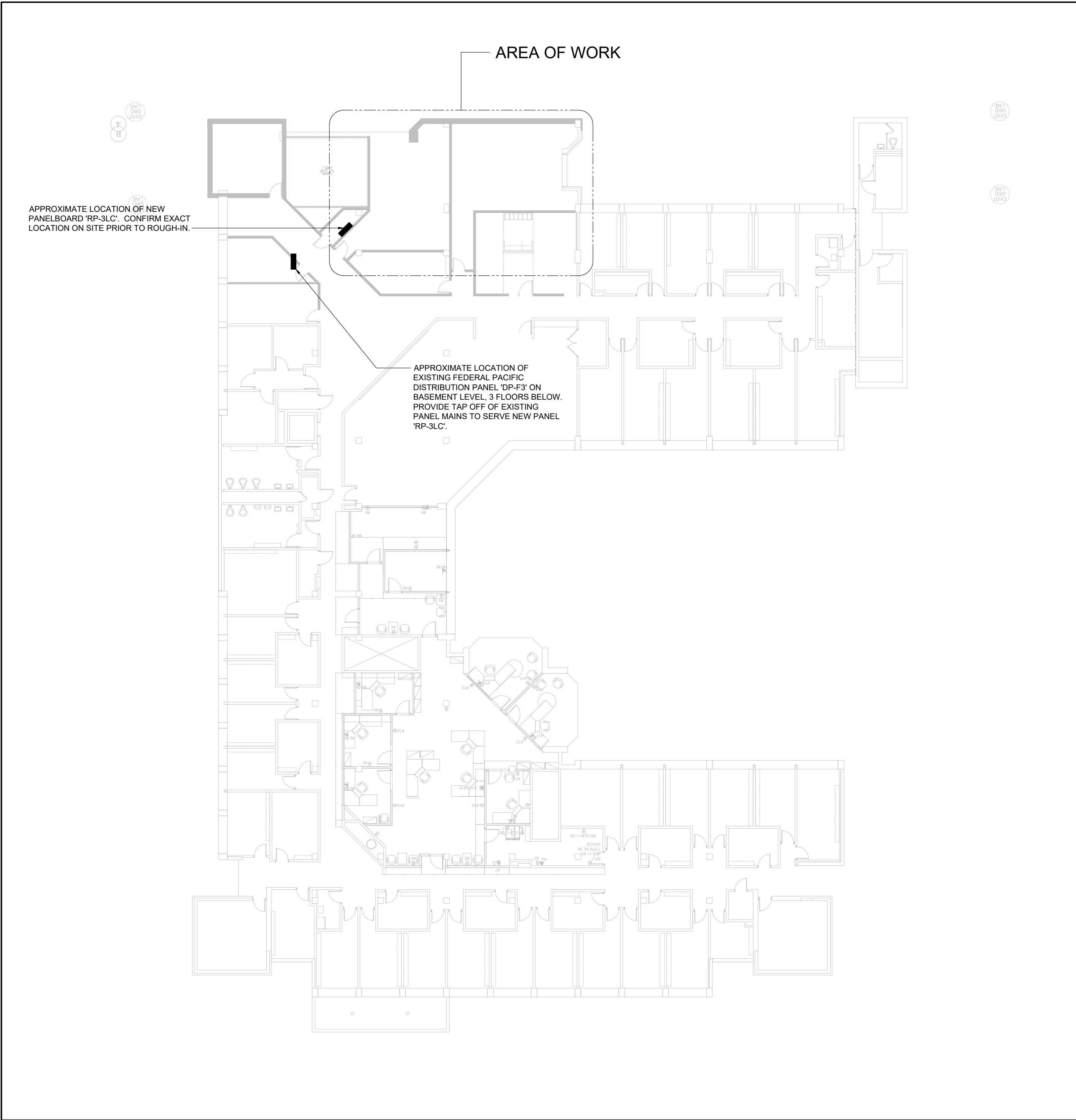
CLASSROOM TYPE:
SEMINAR FLAT

CLASSROOM NUMBER:
216

Scale:	1 : 50
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Plot date:	2022

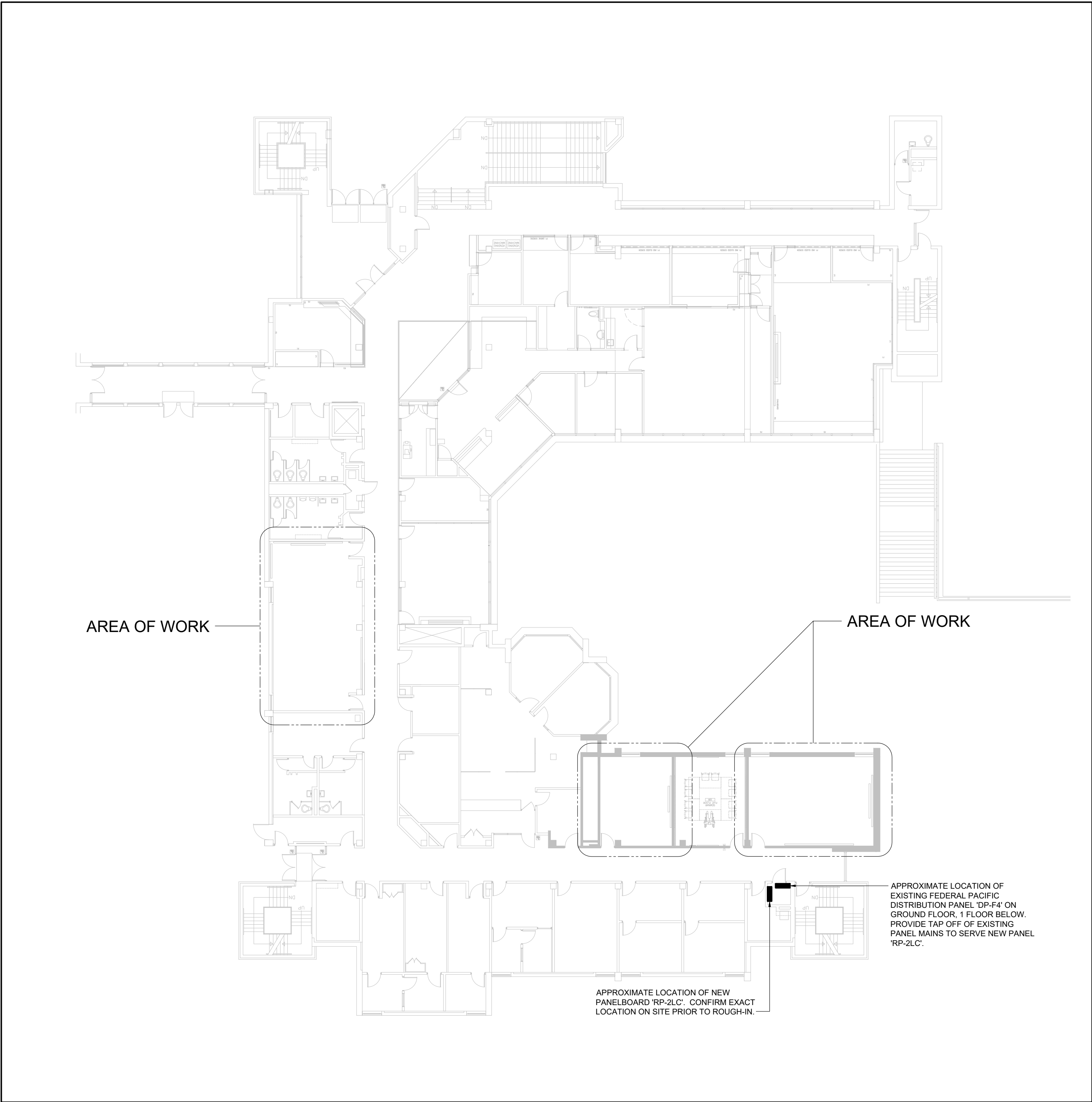
Drawing number:

E378-216



2

BETHUNE COLLEGE THIRD FLOOR KEY PLAN
SCALE: 1:200



1

BETHUNE COLLEGE SECOND FLOOR KEY PLAN
SCALE: 1:200

8.	2025.05.02	ISSUED FOR TENDER	CW
7.	2025.05.02	ISSUED FOR TENDER	CW
6.	2025.04.23	ISSUED FOR TENDER	CW
5.	2023.05.01	ISSUED FOR 80%CD COSTING	CW
4.	2023.03.24	ISSUED FOR 40%CD	CW
3.	2023.02.10	ISSUED FOR 100%DD	CW
2.	2023.01.20	ISSUED FOR IT REVIEW	CW
1.	2022.11.30	ISSUED FOR CLIENT REVIEW	CW
#	DATE	REVISION	BY



All drawing and specifications are the property of the architect.
The contractor shall verify all dimensions and information on site
and report any discrepancy to architect before proceeding.

**YORK CLASSROOM
RENEWAL Y3**

York University, Keele Campus

PHASE 2

BUILDING NAME:
BETHUNE COLLEGE (BC)

BUILDING NUMBER:
393

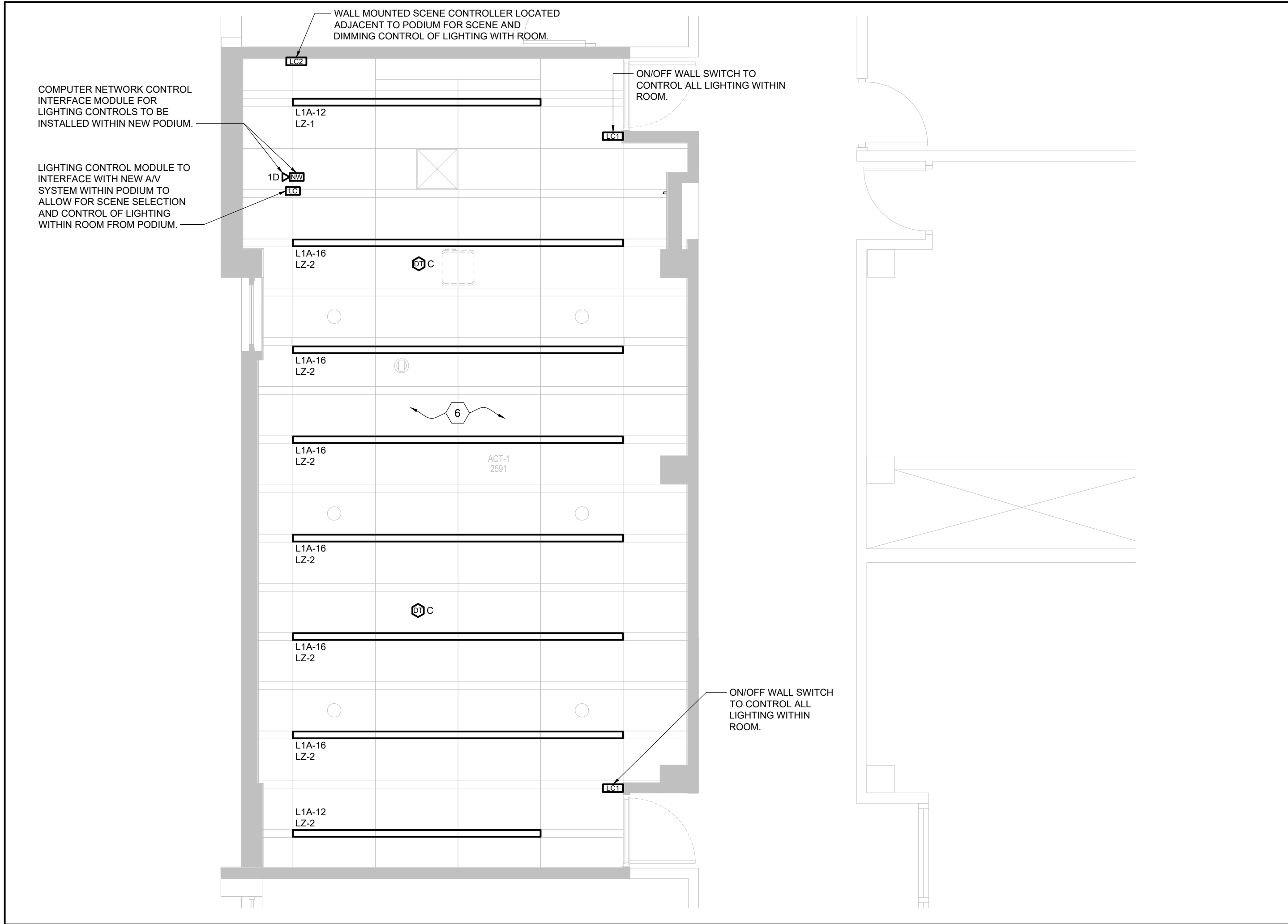
CLASSROOM TYPE:
KEY PLANS

CLASSROOM NUMBER:
-

Scale:	NOT TO SCALE
Drawn by:	CW
Reviewed by:	BD/TWS
Job number:	ED-22-764
Plot date:	2022.11.03

Drawing number:

E393-001



3 BETHUNE COLLEGE #215 - NEW WORK LIGHTING PLAN
SCALE: 1:50

NEW WORK SHEET KEYNOTES

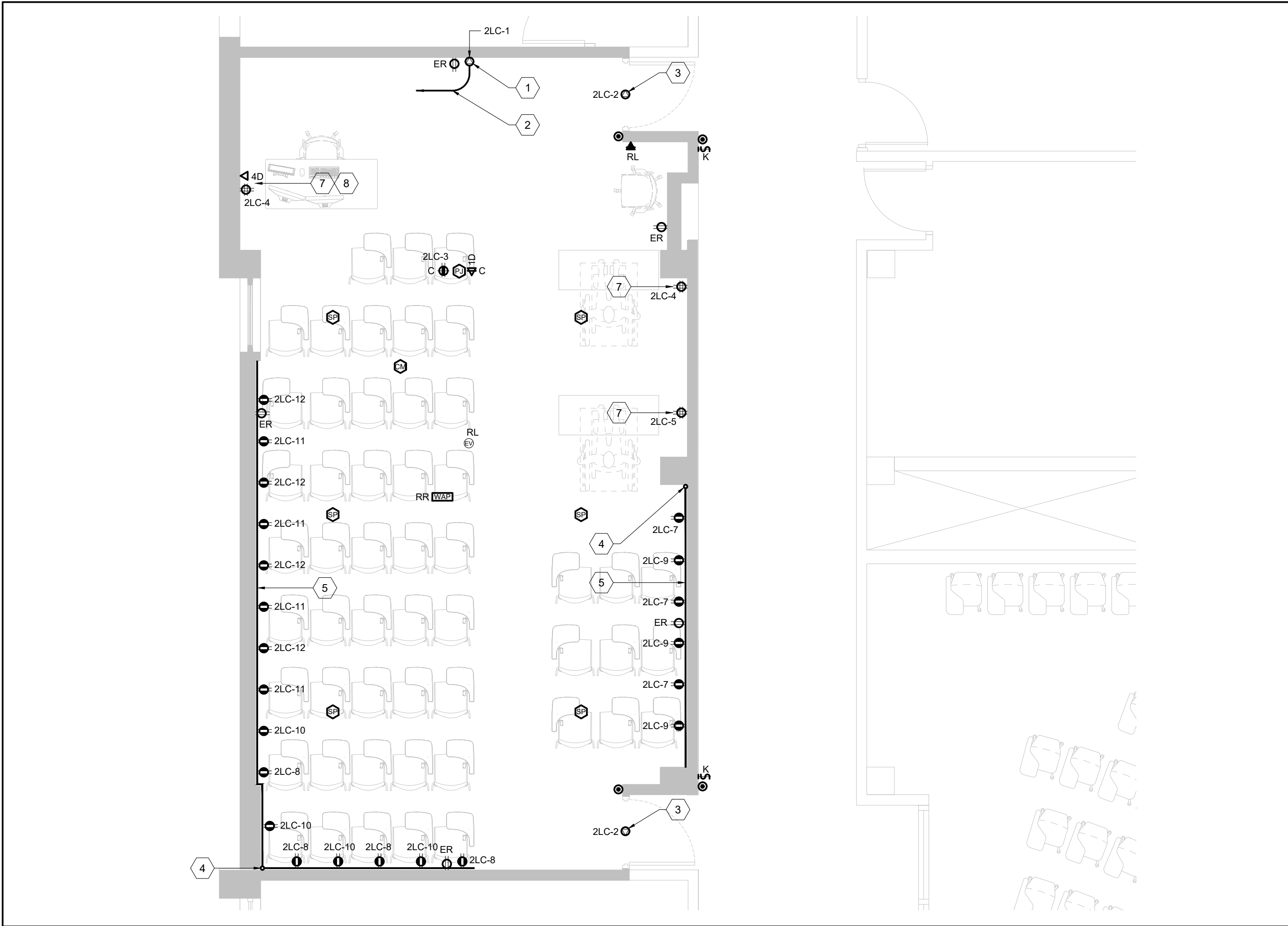
1. PROVIDE CONNECTION TO MOTORIZED PROJECTION SCREEN. FOR BRANCH CIRCUIT INDICATED, EXTEND 2#10 + GROUND IN 21mm CONDUIT FROM PROJECTION SCREEN TO ASSOCIATED BREAKER IN NOTED PANELBOARD AND CONNECT COMPLETE.
2. 3/4" (21mm) CONDUIT INSTALLED WITHIN CEILING OF FOR POWER TO NEW FOR PROJECTION SCREEN CONTROLS TO MAIN AV SYSTEM RACK. BE RESPONSIBLE TO CONFIRM EXACT ROUTING OF CONDUIT ON SITE PRIOR TO ROUGH-IN.
3. PROVIDE CONNECTION TO NEW POWER DOOR OPERATOR INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BETWEEN OPERATOR AND ACTUATORS. ALL WIRING AND CONDUIT BETWEEN ACTUATORS AND DOOR OPERATOR TO BE FLUSH MOUNTED IN WALL. INCLUDE FOR CUTTING AND PATCHING OF WALL AS REQUIRED.
4. FEED POINT FOR SURFACE RACEWAY DOWN WALL FROM CEILING SPACE. COORDINATE EXACT LOCATION ON SITE PRIOR TO ROUGH-IN. IF USING CONDUIT, CONDUIT SHALL BE PAINTED TO MATCH ADJACENT WALL COLOUR.
5. SURFACE MOUNTED RACEWAY COMPLETE WITH NEW USB RECEPTACLES AS NOTED ON PLANS. RACEWAY SHALL BE INSTALLED AT 610mm (2'-0") ABOVE FINISHED FLOOR AND BE COMPLETE WITH ALL REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION. RECEPTACLES SHALL BE CONNECTED TO BRANCH CIRCUIT(S) INDICATED. RACEWAY SHALL BE LEGRAND #AL3300 SERIES OR EQUIVALENT.
6. NEW LIGHTING TO BE RECONNECTED TO EXISTING 347 LIGHTING CIRCUIT. RETAINED AS PART OF THE DEMOLITION SCOPE. MODIFY EXISTING BRANCH CIRCUIT AS REQUIRED TO ACCOMMODATE NEW LIGHTING ARRANGEMENT.
7. DEVICES TO BE CONCEALED WITHIN NEW DRYWALL PARTITION. COORDINATE INSTALLATION AND ROUGH-INS WITH GENERAL CONTRACTOR ON SITE. RECEPTACLE SHALL BE 20A TYPE.
8. 1 x 35mm (AV), 3 x 27mm (DATA & AV) AND 1 x 21mm (POWER) CONDUITS INSTALLED VERTICALLY FROM CEILING TO DEVICE BACKBOXES AT TEACHING STATION. PROVIDE 100mm x 100mm WALL BOX AT TEACHING PODIUM FOR AV CABLE PULL THROUGH TO TEACHING PODIUM.

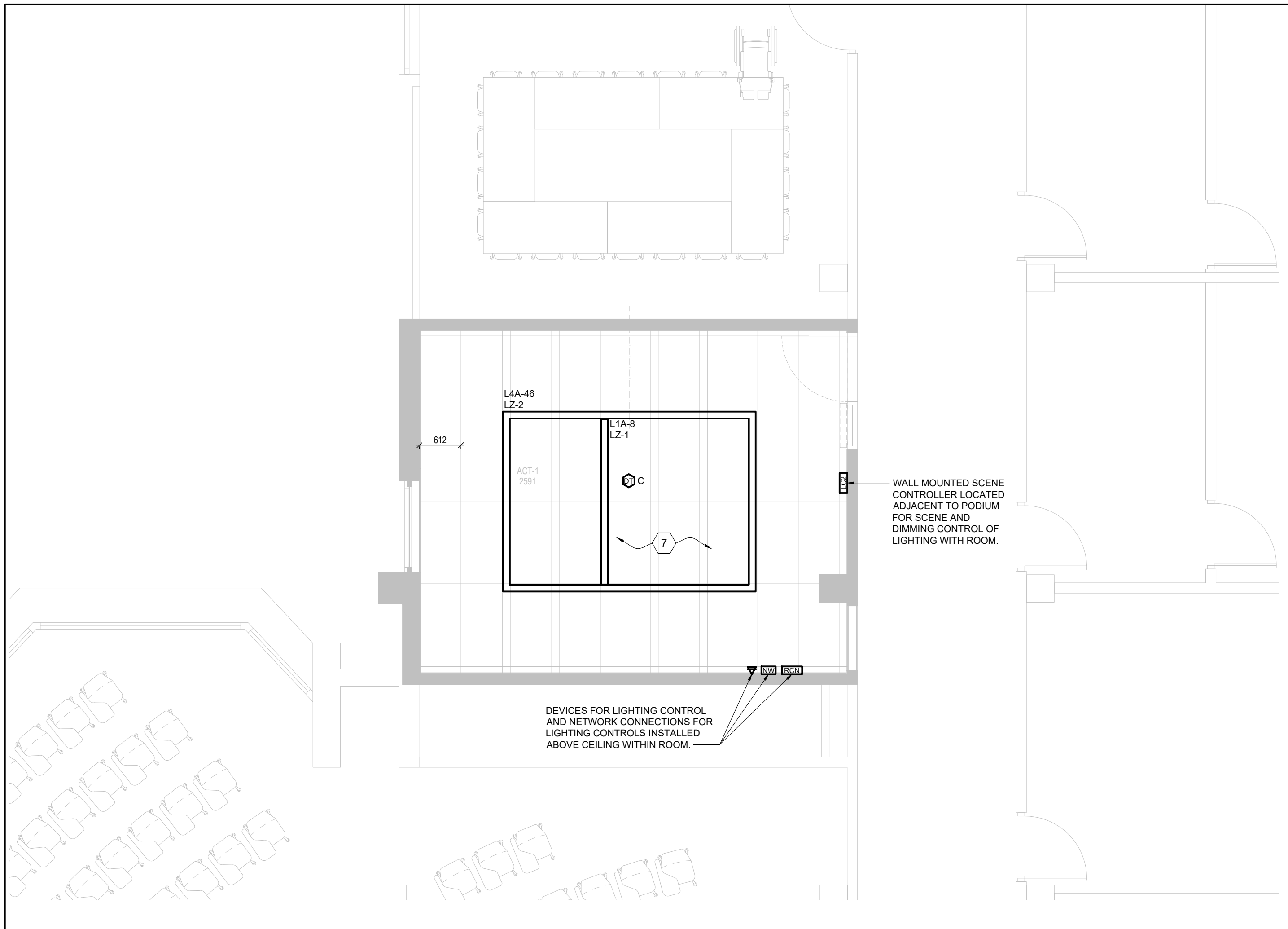
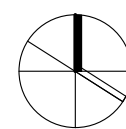
DEMO WORK SHEET KEYNOTES

1. EXISTING ROOM LIGHT SWITCH TO BE REMOVED IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED WIRING AND CONDUIT. ANY EXISTING CONDUIT EMBEDDED WITHIN EXISTING CONCRETE WALL CONSTRUCTION SHALL BE ABANDONED. PROVIDE BLANK COVER PLATE OVER EXISTING BACKBOX.
2. EXISTING LIGHTING FIXTURES WITHIN THIS SPACE TO BE REMOVED IN THEIR ENTIRETY AND TURNED OVER TO YORK UNIVERSITY, IF REQUIRED. BE RESPONSIBLE TO RETAIN EXISTING 347V NORMAL LIGHTING BRANCH CIRCUITS WITHIN THIS SPACE. MODIFY AS REQUIRED AND RECONNECT TO NEW LIGHTING AND SWITCHING/ZONE ARRANGEMENT AS SHOWN ON NEW WORK PLAN. ALL EXISTING 120V LIGHTING CIRCUITS SERVING THE FIXTURES BEING REMOVED, SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING ALL ASSOCIATED WIRING AND CONDUIT WORK.
3. EXISTING CEILING MOUNTED WIRELESS ACCESS POINT TO BE REMOVED AND REINSTALLED TO ACCOMMODATE REPLACEMENT OF EXISTING CEILING. EXISTING DATA CABLING TO BE RETAINED AND COILED WITHIN EXISTING CEILING SPACE DURING CONSTRUCTION. ALL WORK ASSOCIATED WITH REMOVAL AND REINSTALLATION OF EXISTING ACCESS POINT AND DATA CABLING SHALL BE COMPLETED BY YORK UNIVERSITY PREFERRED VENDOR FOR THIS BUILDING AS NOTED ON DRAWING #E000-001.
4. EXISTING CEILING MOUNTED A/V SYSTEM SPEAKER TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY, IF REQUIRED. ALL EXISTING A/V SYSTEM WIRING AND ANY ASSOCIATED CONDUIT (NOT CONCEALED WITHIN WALL) TO BE REMOVED IN ITS ENTIRETY.
5. REMOVE EXISTING RACK MOUNTED AV EQUIPMENT, ASSOCIATED RACK AND ASSOCIATED POWER OUTLET(S) AND DATA OUTLET(S) INSTALLED BEHIND RACK. INCLUDING ALL ASSOCIATED WIRING AND SYSTEM CABLING COMPLETE. REMOVAL OF DATA CABLING TO BE COMPLETED BY YORK UNIVERSITY PREFERRED SYSTEM VENDOR FOR THIS BUILDING, CARRIED BY THE ELECTRICAL CONTRACTOR. REFER TO DRAWING #E000-001 FOR APPLICABLE VENDOR. TURN OVER ANY EXISTING AV EQUIPMENT TO OWNER IF DESIRED.
6. EXISTING CEILING MOUNTED RECEPTACLE TO BE REMOVED IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE. ANY CONDUIT EMBEDDED IN EXISTING WALL OR CEILING CONSTRUCTION SHALL BE ABANDONED.
7. EXISTING CEILING MOUNTED A/V SYSTEM PROJECTOR, INCLUDING ASSOCIATED MOUNTING BRACKETS TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY, IF REQUIRED. ALL EXISTING A/V SYSTEM WIRING AND ANY ASSOCIATED CONDUIT (NOT CONCEALED WITHIN WALL) TO BE REMOVED IN ITS ENTIRETY.
8. EXISTING CEILING MOUNTED FIRE ALARM SPEAKER/HORN DEVICE TO BE RELOCATED TO ACCOMMODATE REPLACEMENT OF EXISTING CEILING. BE RESPONSIBLE TO MODIFY EXISTING SYSTEM WIRING AS REQUIRED TO ACCOMMODATE NEW LOCATION OF DEVICE AS SHOWN ON NEW WORK PLAN. COORDINATE WORK WITH YORK UNIVERSITY SECURITY/FIRE ALARM TEAM FORCES PRIOR TO COMMENCEMENT OF WORK. TEST AND VERIFY DEVICE UPON COMPLETION OF WORK.
9. EXISTING RECEPTACLE TO BE REMOVED AND REPLACED WITH NEW IN SAME LOCATION. PROVIDE BOX EXTENDER AS REQUIRED. MODIFY EXISTING BRANCH CIRCUIT WIRING AS REQUIRED AND RECONNECTED TO NEW RECEPTACLE COMPLETE. FACEPLATE TO BE REPLACED WITH NEW.
10. POWER CONNECTION AND ASSOCIATED CONTROL CABLING FOR EXISTING MOTORIZED PROJECTION SCREEN TO BE REMOVED IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE. EXISTING PROJECTION SCREEN TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY.
11. EXISTING EMERGENCY TELEPHONE TO BE DISCONNECTED, REMOVED AND STORED ON SITE BY YORK UNIVERSITY. EXISTING CABLING SHALL BE COILED WITHIN EXISTING BACK BOX DURING CONSTRUCTION AND TAGGED WITH APPROPRIATE ROOM NUMBER. PROVIDE BOX EXTENDER AS REQUIRED AND RECONNECT AND REINSTALL TELEPHONE UPON COMPLETION OF RENOVATION WORK.
12. EXISTING SURFACE MOUNTED EMPTY BACKBOX AND ASSOCIATED CONDUIT TO BE REMOVED IN ITS ENTIRETY.

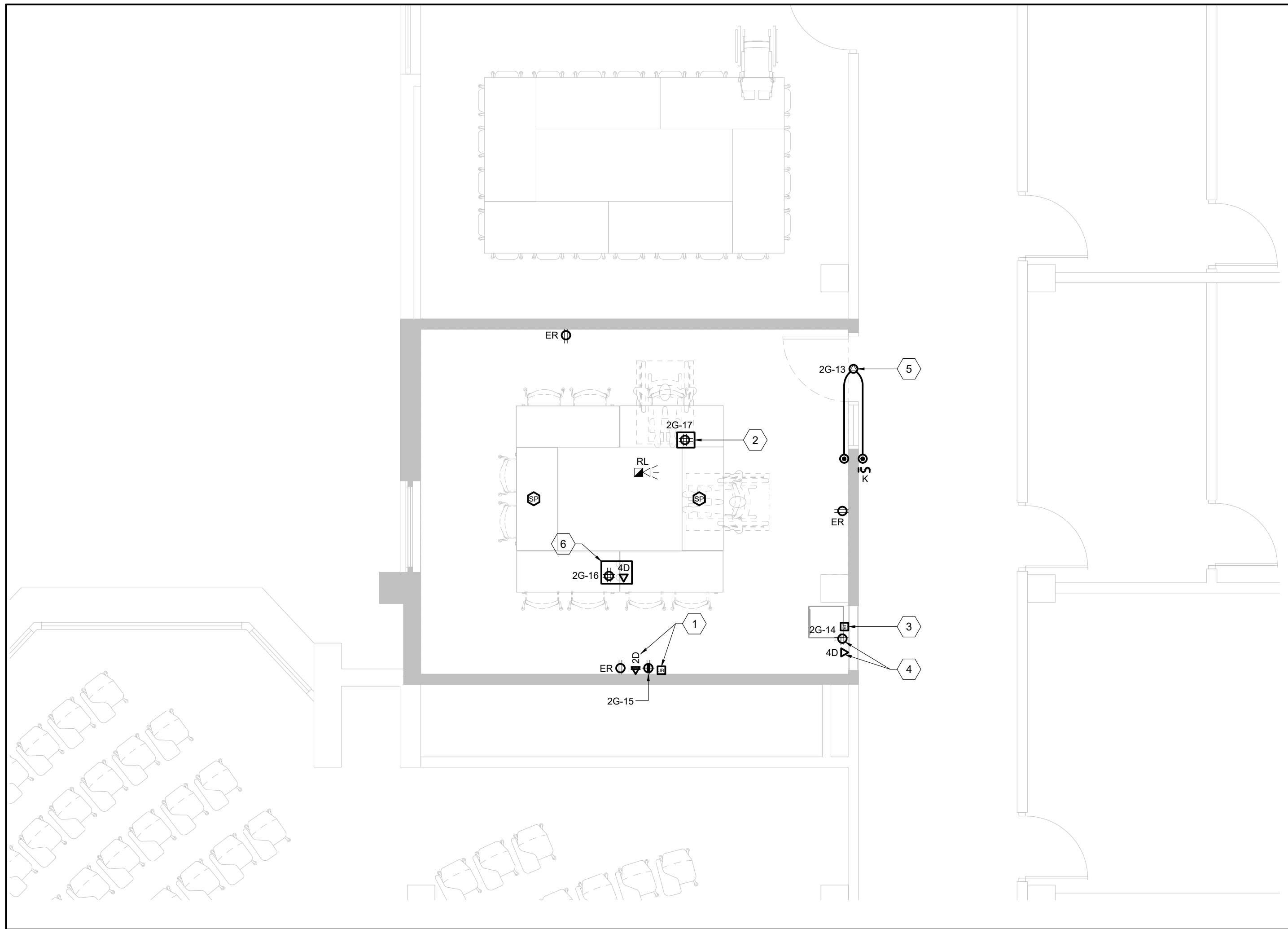
GENERAL NOTES

1. THIS DRAWING IS ISSUED TO SHOW SCOPE OF WORK ONLY. THE CONTRACTOR MUST PERFORM A SITE INSPECTION (INCLUDING CEILING SPACES) DURING THE TENDER PERIOD AND ENSURE THAT ALL WORK THAT IS VISIBLE IS INCLUDED IN THE DEMOLITION SCOPE OF WORK. ALL EXISTING SERVICES THAT PASS THROUGH THE RENOVATION AREA (UNLESS OBSOLETE) ARE TO BE MAINTAINED AND/OR RELOCATED TO SUIT THE SCOPE OF WORK.
2. FOR ALL DEVICES NOTED AS EXISTING TO REMAIN, BE RESPONSIBLE TO PROVIDE OUTLET BOX EXTENSIONS ON ANY EXISTING WALL MOUNTED DEVICES TO ACCOMMODATE FURRING OUT OF EXISTING WALLS. BE RESPONSIBLE TO REVIEW ARCHITECTURAL DRAWINGS DURING THE TENDER PERIOD AND COORDINATE WITH GENERAL CONTRACTOR ON SITE. INCLUDE FOR DISCONNECTION AND REINSTALLATION OF ALL EXISTING DEVICES AND MODIFICATION OF EXISTING BRANCH CIRCUIT WIRING AS REQUIRED.
3. ALL CONDUIT PENETRATIONS INTO LECTURE HALL #108A SHALL BE PACKED AND SEALED TO MEET THE REQUIRED "NC" SOUND LEVEL RATINGS AS NOTED IN THE ACOUSTIC CONSULTANT'S REPORT LOCATED WITHIN ARCHITECTURAL SPECIFICATIONS. PROVIDE REQUIRED SEAL MATERIALS TO SUIT.
4. CONTRACTOR TO PROVIDE NEW 1/2" HOOPS WITHIN EXISTING CEILING SPACE AS REQUIRED TO INSTALL AND SUPPORT NEW DATA CABLING. COORDINATE ROUTING AND LOCATION ON SITE WITH YORK UNIVERSITY PREFERRED VENDOR FOR THIS BUILDING.
5. REFER TO AV DRAWING #EAV228-215 FOR EXACT CONDUIT REQUIREMENTS AND MOUNTING HEIGHTS FOR JUNCTION BOXES, ETC.





3 BETHUNE COLLEGE #225 - NEW WORK LIGHTING PLAN
SCALE: 1:50

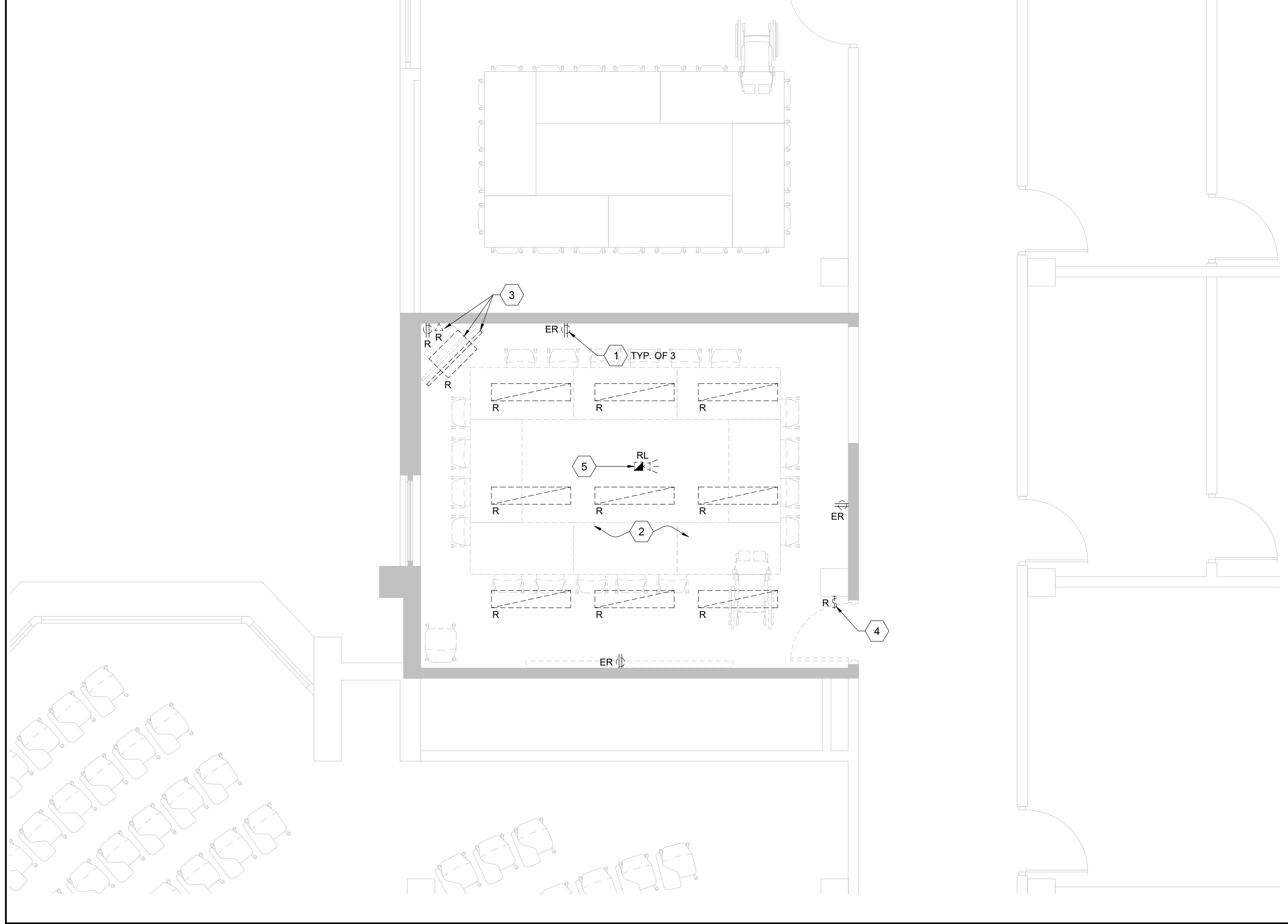


2 BETHUNE COLLEGE #225 - NEW WORK POWER & SIGNALS PLAN
SCALE: 1:50

NEW WORK SHEET KEYNOTES
1. EMPTY SINGLE GANG BACKBOX INSTALLED AT 1525mm A.F.F. FOR A/V INPUTS FOR LED DISPLAY MONITOR. ADJACENT QUAD RECEPTACLE AND DUAL DATA OUTLET TO BE INSTALLED AT SAME HEIGHT. EXTEND 27mm CONDUIT, COMPLETE WITH PULL STRING, FROM BACKBOX UP TO CEILING, OVER TO ABOVE NEW A/V CABINET AND DOWN TO NEW DOUBLE GANG BOX BEHIND A/V CABINET. REFER TO A/V CONSULTANT DRAWINGS AND NOTE #3 ON THIS DRAWING FOR FURTHER DETAILS.
2. PROVIDE NEW FLUSH POKE THROUGH DEVICE, COMPLETE WITH TWO (2) COMBINATION 15A DUPLEX RECEPTACLE AND USB CHARGING DEVICES. BE RESPONSIBLE TO SCAN EXISTING FLOOR SLAB PRIOR TO CORE DRILLING FLOOR TO INSTALL POKE THROUGH DEVICE. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONAL LOCATION OF POKE THROUGH DEVICE. POKE THROUGH DEVICES SHALL BE LEGRAND EVOLUTION SERIES - 4" POKE-THRU DEVICE OR EQUIVALENT. CONFIRM COLOUR FINISH PRIOR TO ORDERING.
3. EMPTY DOUBLE GANG BACKBOX INSTALLED AT 457mm A.F.F. FOR A/V INPUTS FOR NEW A/V SYSTEM CABINET. ADJACENT QUAD RECEPTACLE AND QUAD DATA OUTLET TO BE INSTALLED AT SAME HEIGHT.
4. QUAD 20A RECEPTACLE AND QUAD DATA OUTLET TO BE INSTALLED BEHIND NEW A/V SYSTEM CABINET AT 457mm A.F.F. AND ADJACENT TO DOUBLE GANG BACKBOX FOR A/V INPUTS. COORDINATE EXACT LOCATION ON SITE PRIOR TO ROUGH-IN. DEVICES SHALL BE INSTALLED SURFACE MOUNTED.
5. PROVIDE CONNECTION TO NEW POWER DOOR OPERATOR INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BETWEEN OPERATOR AND ACTUATORS. ALL WIRING AND CONDUIT BETWEEN ACTUATORS AND DOOR OPERATOR TO BE FLUSH MOUNTED IN WALL, INCLUDE FOR CUTTING AND PATCHING OF WALL AS REQUIRED.
6. PROVIDE NEW FLUSH POKE THROUGH DEVICE, COMPLETE WITH TWO (2) COMBINATION 20A DUPLEX RECEPTACLE AND QUAD (4-GANG) DATA OUTLET AND A/V CONNECTION OPENING. BE RESPONSIBLE TO SCAN EXISTING FLOOR SLAB PRIOR TO CORE DRILLING FLOOR TO INSTALL POKE THROUGH DEVICE. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONAL LOCATION OF POKE THROUGH DEVICE. POKE THROUGH DEVICE SHALL BE LEGRAND EVOLUTION SERIES - 6" POKE-THRU OR EQUIVALENT. CONFIRM COLOUR FINISH PRIOR TO ORDERING.
7. NEW LIGHTING TO BE RECONNECTED TO EXISTING 347V LIGHTING CIRCUIT RETAINED AS PART OF THE DEMOLITION SCOPE. MODIFY EXISTING BRANCH CIRCUIT AS REQUIRED TO ACCOMMODATE NEW LIGHTING ARRANGEMENT.

DEMO WORK SHEET KEYNOTES
1. EXISTING RECEPTACLE TO BE REMOVED AND REPLACED WITH NEW IN SAME LOCATION. PROVIDE BOX EXTENDER AS REQUIRED. MODIFY EXISTING BRANCH CIRCUIT WIRING AS REQUIRED AND RECONNECTED TO NEW RECEPTACLE COMPLETE. FACEPLATE TO BE REPLACED WITH NEW.
2. EXISTING LIGHTING FIXTURES WITHIN THIS SPACE TO BE REMOVED IN THEIR ENTIRETY AND TURNED OVER TO YORK UNIVERSITY. IF REQUIRED, BE RESPONSIBLE TO RETAIN EXISTING 347V NORMAL LIGHTING BRANCH CIRCUITS WITHIN THIS SPACE. MODIFY AS REQUIRED AND RECONNECT TO NEW LIGHTING AND SWITCHING ZONE ARRANGEMENT AS SHOWN ON NEW WORK PLAN. ALL EXISTING 120V LIGHTING CIRCUITS SERVING THE FIXTURES BEING REMOVED, SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING ALL ASSOCIATED WIRING AND CONDUIT WORK.
3. REMOVE EXISTING RACK MOUNTED A/V EQUIPMENT, ASSOCIATED RACK AND ASSOCIATED POWER OUTLET(S) AND DATA OUTLET(S) INSTALLED BEHIND RACK, INCLUDING ALL ASSOCIATED WIRING AND SYSTEM CABLING COMPLETE. REMOVAL OF DATA CABLING TO BE COMPLETED BY YORK UNIVERSITY. PREFERRED SYSTEM VENDOR FOR THIS BUILDING, CARRIED BY THE ELECTRICAL CONTRACTOR. REFER TO DRAWING #E000-001 FOR APPLICABLE VENDOR. TURN OVER ANY EXISTING A/V EQUIPMENT TO OWNER IF DESIRED.
4. EXISTING LIGHT SWITCHES TO BE REMOVED IN THEIR ENTIRETY. INCLUDE FOR REMOVAL OF ALL ASSOCIATED WIRING. PROVIDE BLANK STAINLESS STEEL COVER PLATE(S) OVER EXISTING BACKBOXES.
5. EXISTING CEILING MOUNTED FIRE ALARM HORN/STROBE DEVICE TO BE RELOCATED TO ACCOMMODATE REPLACEMENT OF EXISTING CEILING. BE RESPONSIBLE TO MODIFY EXISTING SYSTEM WIRING AS REQUIRED TO ACCOMMODATE NEW LOCATION OF DEVICE AS SHOWN ON NEW WORK PLAN. COORDINATE WORK WITH YORK UNIVERSITY SECURITY/FIRE ALARM TEAM FORCES PRIOR TO COMMENCEMENT OF WORK. TEST AND VERIFY DEVICE UPON COMPLETION OF WORK.

GENERAL NOTES
1. THIS DRAWING IS ISSUED TO SHOW SCOPE OF WORK ONLY. THE CONTRACTOR MUST PERFORM A SITE INSPECTION (INCLUDING CEILING SPACES) DURING THE TENDER PERIOD AND ENSURE THAT ALL WORK THAT IS VISIBLE IS INCLUDED IN THE DEMOLITION SCOPE OF WORK. ALL EXISTING SERVICES THAT PASS THROUGH THE RENOVATION AREA (UNLESS OBSOLETE) ARE TO BE MAINTAINED AND/OR RELOCATED TO SUIT THE SCOPE OF WORK.
2. FOR ALL DEVICES NOTED AS EXISTING TO REMAIN, BE RESPONSIBLE TO PROVIDE OUTLET BOX EXTENSIONS ON ANY EXISTING WALL MOUNTED DEVICES TO ACCOMMODATE FURRING OUT OF EXISTING WALLS. BE RESPONSIBLE TO REVIEW ARCHITECTURAL DRAWINGS DURING THE TENDER PERIOD AND COORDINATE WITH GENERAL CONTRACTOR ON SITE. INCLUDE FOR DISCONNECTION AND REINSTALLATION OF ALL EXISTING DEVICES AND MODIFICATION OF EXISTING BRANCH CIRCUIT WIRING AS REQUIRED.
3. ALL CONDUIT PENETRATIONS INTO LECTURE HALL #108A SHALL BE PACKED AND SEALED TO MEET THE REQUIRED "NC" SOUND LEVEL RATINGS AS NOTED IN THE ACOUSTIC CONSULTANT'S REPORT LOCATED WITHIN ARCHITECTURAL SPECIFICATIONS. PROVIDE REQUIRED SEAL MATERIALS TO SUIT.
4. CONTRACTOR TO PROVIDE NEW "J" HOOKS WITHIN EXISTING CEILING SPACE AS REQUIRED TO INSTALL AND SUPPORT NEW DATA CABLING. COORDINATE ROUTING AND LOCATION ON SITE WITH YORK UNIVERSITY PREFERRED VENDOR FOR THIS BUILDING.
5. REFER TO A/V DRAWING #AV229-225 FOR EXACT CONDUIT REQUIREMENTS AND MOUNTING HEIGHTS FOR JUNCTION BOXES, ETC.



1 BETHUNE COLLEGE #225 - DEMOLITION PLAN
SCALE: 1:50

8. 2025.05.02	ISSUED FOR TENDER	CW
7. 2025.05.02	ISSUED FOR PERMIT	CW
6. 2025.04.23	ISSUED FOR TENDER	CW
5. 2023.05.01	ISSUED FOR 80%CD COSTING	CW
4. 2023.03.24	ISSUED FOR 40%CD	CW
3. 2023.02.10	ISSUED FOR 100%DD	CW
2. 2023.01.20	ISSUED FOR IT REVIEW	CW
1. 2022.11.30	ISSUED FOR CLIENT REVIEW	CW
# DATE	REVISION	BY



All drawing and specifications are the property of the architect.
The contractor shall verify all dimensions and information on site
and report any discrepancy to architect before proceeding.

YORK CLASSROOM RENEWAL Y3

York University, Keele Campus

PHASE 2

BUILDING NAME:
BETHUNE COLLEGE (BC)

BUILDING NUMBER:
393

CLASSROOM TYPE:
SEMINAR FLAT

CLASSROOM NUMBER:
225

Scale: 1 : 50

Drawn by: CW

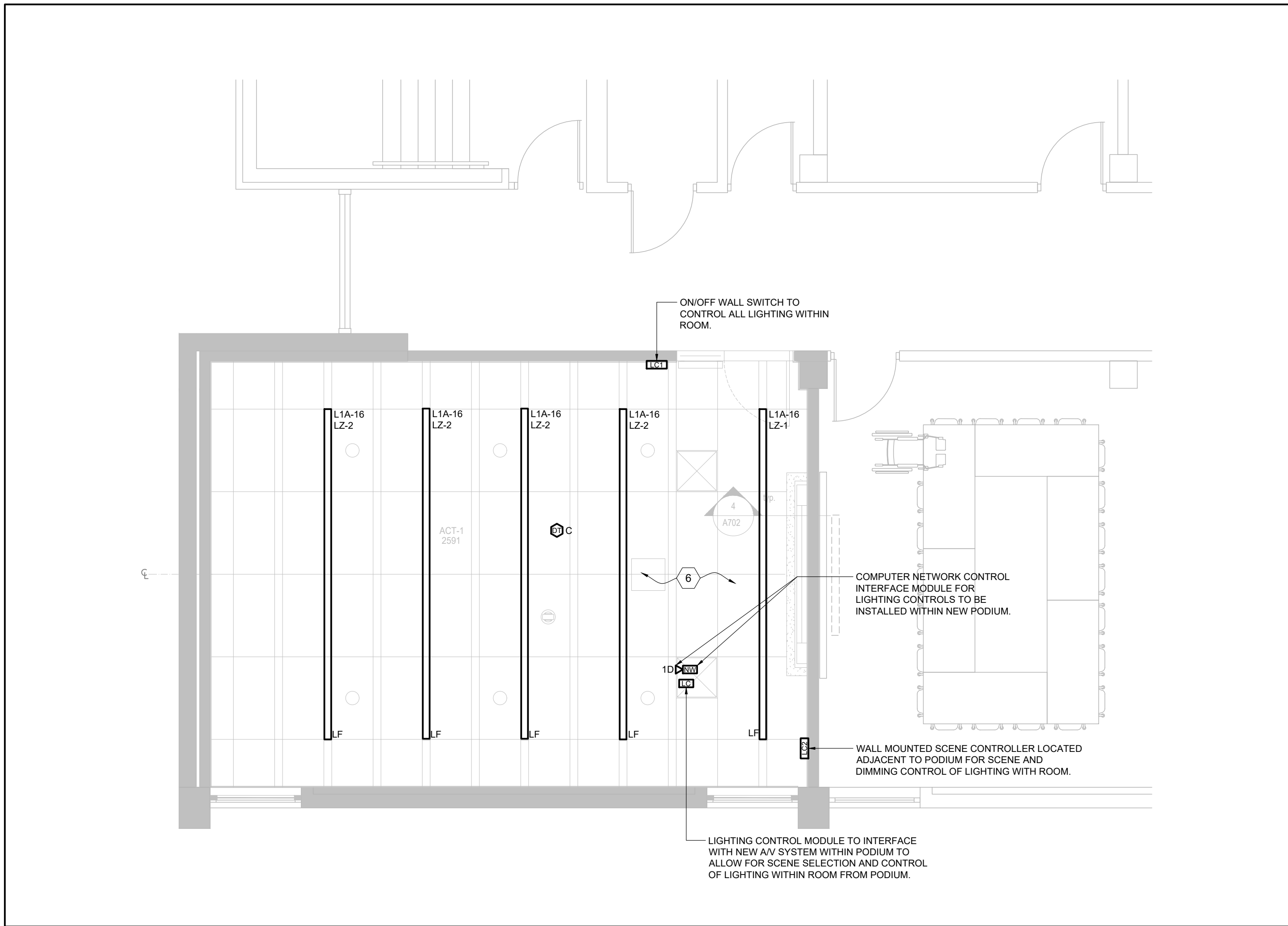
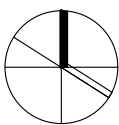
Reviewed by: BD/TWS

Job number: ED-22-764

Plot date: 2022.11.03

Drawing number:

E393-225



3 BETHUNE COLLEGE #230 - NEW WORK LIGHTING PLAN
SCALE: 1:50

NEW WORK SHEET KEYNOTES

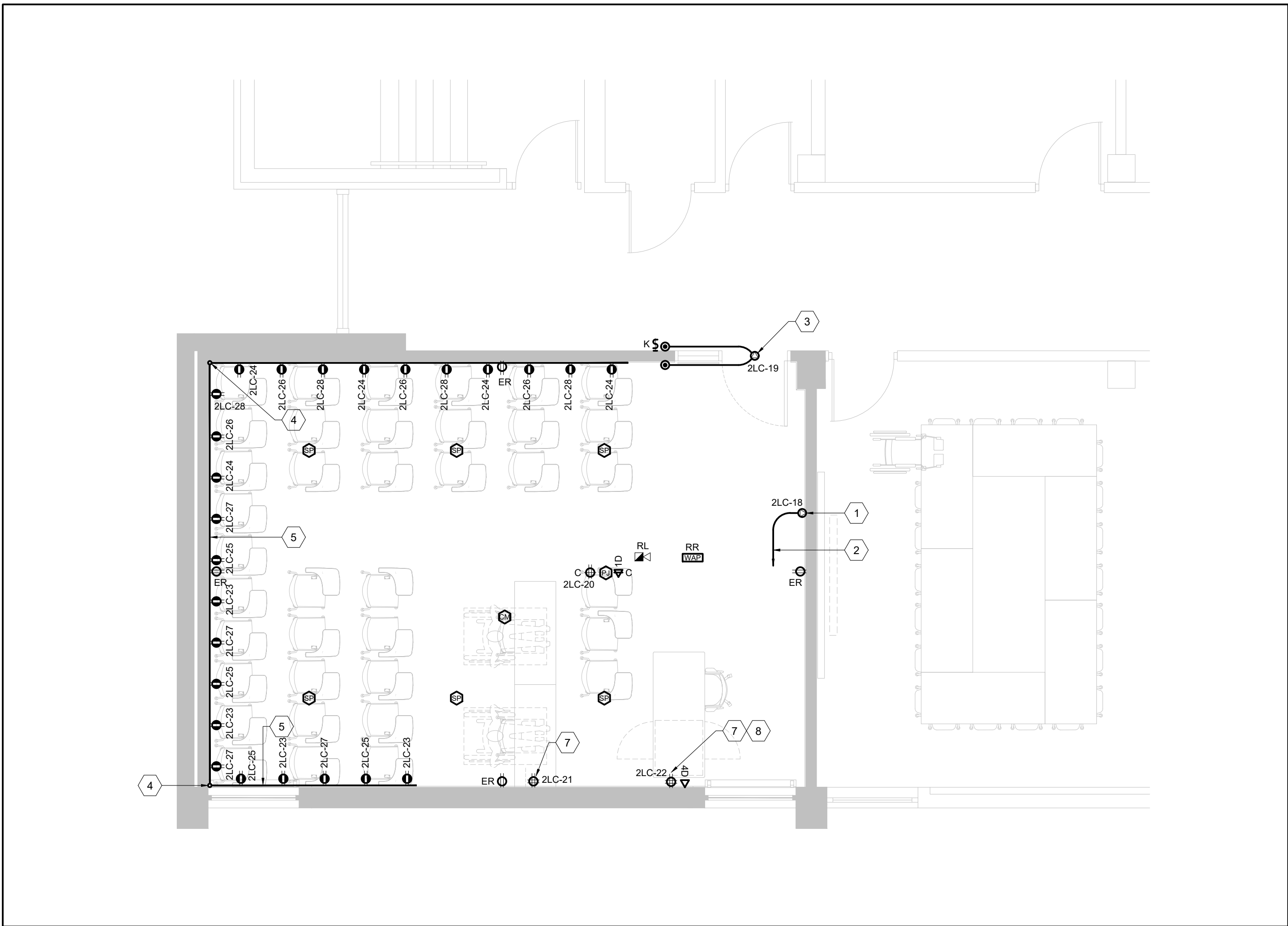
1. PROVIDE CONNECTION TO MOTORIZED PROJECTION SCREEN. FOR BRANCH CIRCUIT INDICATED, EXTEND 2#10 + GROUND IN 21mm CONDUIT FROM PROJECTION SCREEN TO ASSOCIATED BREAKER IN NOTED PANELBOARD AND CONNECT COMPLETE.
2. 1/2" (21mm) CONDUIT INSTALLED WITHIN CEILING OF FOR POWER TO NEW FOR PROJECTION SCREEN CONTROLS TO MAIN AV SYSTEM RACK. BE RESPONSIBLE TO CONFIRM EXACT ROUTING OF CONDUIT ON SITE PRIOR TO ROUGH-IN.
3. PROVIDE CONNECTION TO NEW POWER DOOR OPERATOR INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BETWEEN OPERATOR AND ACTUATORS. ALL WIRING AND CONDUIT BETWEEN ACTUATORS AND DOOR OPERATOR TO BE FLUSH MOUNTED IN WALL. INCLUDE FOR CUTTING AND PATCHING OF WALL AS REQUIRED.
4. FEED POINT FOR SURFACE RACEWAY DOWN WALL FROM CEILING SPACE. COORDINATE EXACT LOCATION ON SITE PRIOR TO ROUGH-IN. IF USING CONDUIT, CONDUIT SHALL BE PAINTED TO MATCH ADJACENT WALL COLOUR.
5. SURFACE MOUNTED RACEWAY COMPLETE WITH NEW USB RECEPTACLES AS NOTED ON PLANS. RACEWAY SHALL BE INSTALLED AT 610mm (2'-0") ABOVE FINISHED FLOOR AND BE COMPLETE WITH ALL REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION. RECEPTACLES SHALL BE CONNECTED TO BRANCH CIRCUIT(S) INDICATED. RACEWAY SHALL BE LEGRAND #AL3300 SERIES OR EQUIVALENT.
6. NEW LIGHTING TO BE RECONNECTED TO EXISTING 347 LIGHTING CIRCUIT. RETAINED AS PART OF THE DEMOLITION SCOPE. MODIFY EXISTING BRANCH CIRCUIT AS REQUIRED TO ACCOMMODATE NEW LIGHTING ARRANGEMENT.
7. DEVICES TO BE CONCEALED WITHIN NEW DRYWALL PARTITION. COORDINATE INSTALLATION AND ROUGH-INS WITH GENERAL CONTRACTOR ON SITE. RECEPTACLE SHALL BE 20A TYPE.
8. 1 x 35mm (AV), 3 x 27mm (DATA & AV) AND 1 x 21mm (POWER) CONDUITS INSTALLED VERTICALLY FROM CEILING TO DEVICE BACKBOXES AT TEACHING STATION. PROVIDE 100mm x 100mm WALL BOX AT TEACHING PODIUM FOR AV CABLE PULL THROUGH TO TEACHING PODIUM.

DEMO WORK SHEET KEYNOTES

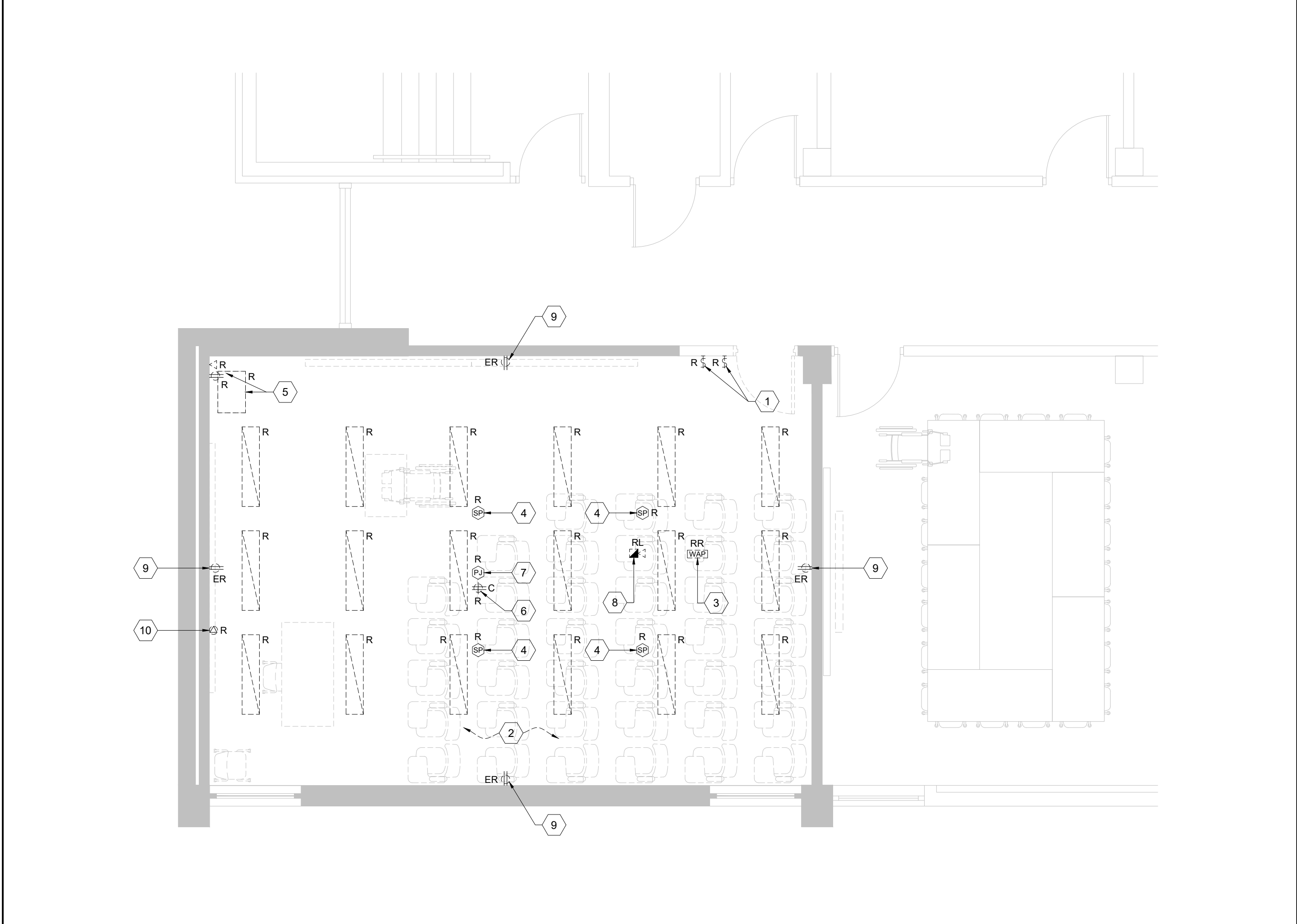
1. EXISTING ROOM LIGHT SWITCH TO BE REMOVED IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED WIRING AND CONDUIT. ANY EXISTING CONDUIT EMBEDDED WITHIN EXISTING CONCRETE WALL CONSTRUCTION SHALL BE ABANDONED. PROVIDE BLANK COVER PLATE OVER EXISTING BACKBOX.
2. EXISTING LIGHTING FIXTURES WITHIN THIS SPACE TO BE REMOVED IN THEIR ENTIRETY AND TURNED OVER TO YORK UNIVERSITY. IF REQUIRED, BE RESPONSIBLE TO RETAIN EXISTING 347V NORMAL LIGHTING BRANCH CIRCUITS WITHIN THIS SPACE. MODIFY AS REQUIRED AND RECONNECT TO NEW LIGHTING AND SWITCHING/ZONE ARRANGEMENT AS SHOWN ON NEW WORK PLAN. ALL EXISTING 120V LIGHTING CIRCUITS SERVING THE FIXTURES BEING REMOVED, SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING ALL ASSOCIATED WIRING AND CONDUIT WORK.
3. EXISTING CEILING MOUNTED WIRELESS ACCESS POINT TO BE REMOVED AND REINSTALLED TO ACCOMMODATE REPLACEMENT OF EXISTING CEILING. EXISTING DATA CABLEING TO BE RETAINED AND COILED WITHIN EXISTING CEILING SPACE DURING CONSTRUCTION. ALL WORK ASSOCIATED WITH REMOVAL AND REINSTALLATION OF EXISTING ACCESS POINT AND DATA CABLEING SHALL BE COMPLETED BY YORK UNIVERSITY PREFERRED VENDOR FOR THIS BUILDING AS NOTED ON DRAWING #E000-001.
4. EXISTING CEILING MOUNTED AV SYSTEM SPEAKER TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY. IF REQUIRED, ALL EXISTING AV SYSTEM WIRING AND ANY ASSOCIATED CONDUIT (NOT CONCEALED WITHIN WALL) TO BE REMOVED IN ITS ENTIRETY.
5. REMOVE EXISTING RACK MOUNTED AV EQUIPMENT, ASSOCIATED RACK AND ASSOCIATED POWER OUTLET(S) AND DATA OUTLET(S) INSTALLED BEHIND RACK, INCLUDING ALL ASSOCIATED WIRING AND SYSTEM CABLEING COMPLETE. REMOVAL OF DATA CABLEING TO BE COMPLETED BY YORK UNIVERSITY PREFERRED SYSTEM VENDOR FOR THIS BUILDING, CARRIED BY THE ELECTRICAL CONTRACTOR. REFER TO DRAWING #E000-001 FOR APPLICABLE VENDOR. TURN OVER ANY EXISTING AV EQUIPMENT TO OWNER IF DESIRED.
6. EXISTING CEILING MOUNTED RECEPTACLE TO BE REMOVED IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE. ANY CONDUIT EMBEDDED IN EXISTING WALL OR CEILING CONSTRUCTION SHALL BE ABANDONED.
7. EXISTING CEILING MOUNTED AV SYSTEM PROJECTOR, INCLUDING ASSOCIATED MOUNTING BRACKETS TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY. IF REQUIRED, ALL EXISTING AV SYSTEM WIRING AND ANY ASSOCIATED CONDUIT (NOT CONCEALED WITHIN WALL) TO BE REMOVED IN ITS ENTIRETY.
8. EXISTING CEILING MOUNTED FIRE ALARM SPEAKER/HORN DEVICE TO BE RELOCATED TO ACCOMMODATE REPLACEMENT OF EXISTING CEILING. BE RESPONSIBLE TO MODIFY EXISTING SYSTEM WIRING AS REQUIRED TO ACCOMMODATE NEW LOCATION OF DEVICE AS SHOWN ON NEW WORK PLAN. COORDINATE WORK WITH YORK UNIVERSITY SECURITY/FIRE ALARM TEAM FORCES PRIOR TO COMMENCEMENT OF WORK. TEST AND VERIFY DEVICE UPON COMPLETION OF WORK.
9. EXISTING RECEPTACLE TO BE REMOVED AND REPLACED WITH NEW IN SAME LOCATION. PROVIDE BOX EXTENDER AS REQUIRED. MODIFY EXISTING BRANCH CIRCUIT WIRING AS REQUIRED AND RECONNECTED TO NEW RECEPTACLE COMPLETE. FACEPLATE TO BE REPLACED WITH NEW.
10. POWER CONNECTION AND ASSOCIATED CONTROL CABLEING FOR EXISTING MOTORIZED PROJECTION SCREEN TO BE REMOVED IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE. EXISTING PROJECTION SCREEN TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY.
11. EXISTING EMERGENCY TELEPHONE TO BE DISCONNECTED, REMOVED AND STORED ON SITE BY YORK UNIVERSITY. EXISTING CABLEING SHALL BE COILED WITHIN EXISTING BACK BOX DURING CONSTRUCTION AND TAGGED WITH APPROPRIATE ROOM NUMBER. PROVIDE BOX EXTENDER AS REQUIRED AND RECONNECT AND REINSTALL TELEPHONE UPON COMPLETION OF RENOVATION WORK.

GENERAL NOTES

1. THIS DRAWING IS ISSUED TO SHOW SCOPE OF WORK ONLY. THE CONTRACTOR MUST PERFORM A SITE INSPECTION (INCLUDING CEILING SPACES) DURING THE TENDER PERIOD AND ENSURE THAT ALL WORK THAT IS VISIBLE IS INCLUDED IN THE DEMOLITION SCOPE OF WORK. ALL EXISTING SERVICES THAT PASS THROUGH THE RENOVATION AREA (UNLESS OBSOLETE) ARE TO BE MAINTAINED AND/OR RELOCATED TO SUIT THE SCOPE OF WORK.
2. FOR ALL DEVICES NOTED AS EXISTING TO REMAIN, BE RESPONSIBLE TO PROVIDE OUTLET BOX EXTENSIONS ON ANY EXISTING WALL MOUNTED DEVICES TO ACCOMMODATE FURRING OUT OF EXISTING WALLS. BE RESPONSIBLE TO REVIEW ARCHITECTURAL DRAWINGS DURING THE TENDER PERIOD AND COORDINATE WITH GENERAL CONTRACTOR ON SITE. INCLUDE FOR DISCONNECTION AND REINSTALLATION OF ALL EXISTING DEVICES AND MODIFICATION OF EXISTING BRANCH CIRCUIT WIRING AS REQUIRED.
3. ALL CONDUIT PENETRATIONS INTO LECTURE HALL #108A SHALL BE PACKED AND SEALED TO MEET THE REQUIRED "nc" SOUND LEVEL RATINGS AS NOTED IN THE ACOUSTIC CONSULTANT'S REPORT LOCATED WITHIN ARCHITECTURAL SPECIFICATIONS. PROVIDE REQUIRED SEAL MATERIALS TO SUIT.
4. CONTRACTOR TO PROVIDE NEW 1/2" HOOPS WITHIN EXISTING CEILING SPACE AS REQUIRED TO INSTALL AND SUPPORT NEW DATA CABLEING. COORDINATE ROUTING AND LOCATION ON SITE WITH YORK UNIVERSITY PREFERRED VENDOR FOR THIS BUILDING.
5. REFER TO AV DRAWING #AV230-230 FOR EXACT CONDUIT REQUIREMENTS AND MOUNTING HEIGHTS FOR JUNCTION BOXES, ETC.



2 BETHUNE COLLEGE #230 - NEW WORK POWER & SIGNALS PLAN
SCALE: 1:50



1 BETHUNE COLLEGE #230 - DEMOLITION PLAN
SCALE: 1:50

8.	2025.05.02	ISSUED FOR TENDER	CW
7.	2025.05.02	ISSUED FOR PERMIT	CW
6.	2025.04.23	ISSUED FOR TENDER	CW
5.	2023.05.01	ISSUED FOR 80%CD COSTING	CW
4.	2023.03.24	ISSUED FOR 40%CD	CW
3.	2023.02.10	ISSUED FOR 100%DD	CW
2.	2023.01.20	ISSUED FOR IT REVIEW	CW
1.	2022.11.30	ISSUED FOR CLIENT REVIEW	CW
#	DATE	REVISION	BY



All drawing and specifications are the property of the architect. The contractor shall verify all dimensions and information on site and report any discrepancy to architect before proceeding.

YORK CLASSROOM RENEWAL Y3

York University, Keele Campus

PHASE 2

BUILDING NAME:
BETHUNE COLLEGE (BC)

BUILDING NUMBER:
393

CLASSROOM TYPE:
TRADITIONAL FLAT (TABLET)

CLASSROOM NUMBER:
230

Scale: 1 : 50

Drawn by: CW

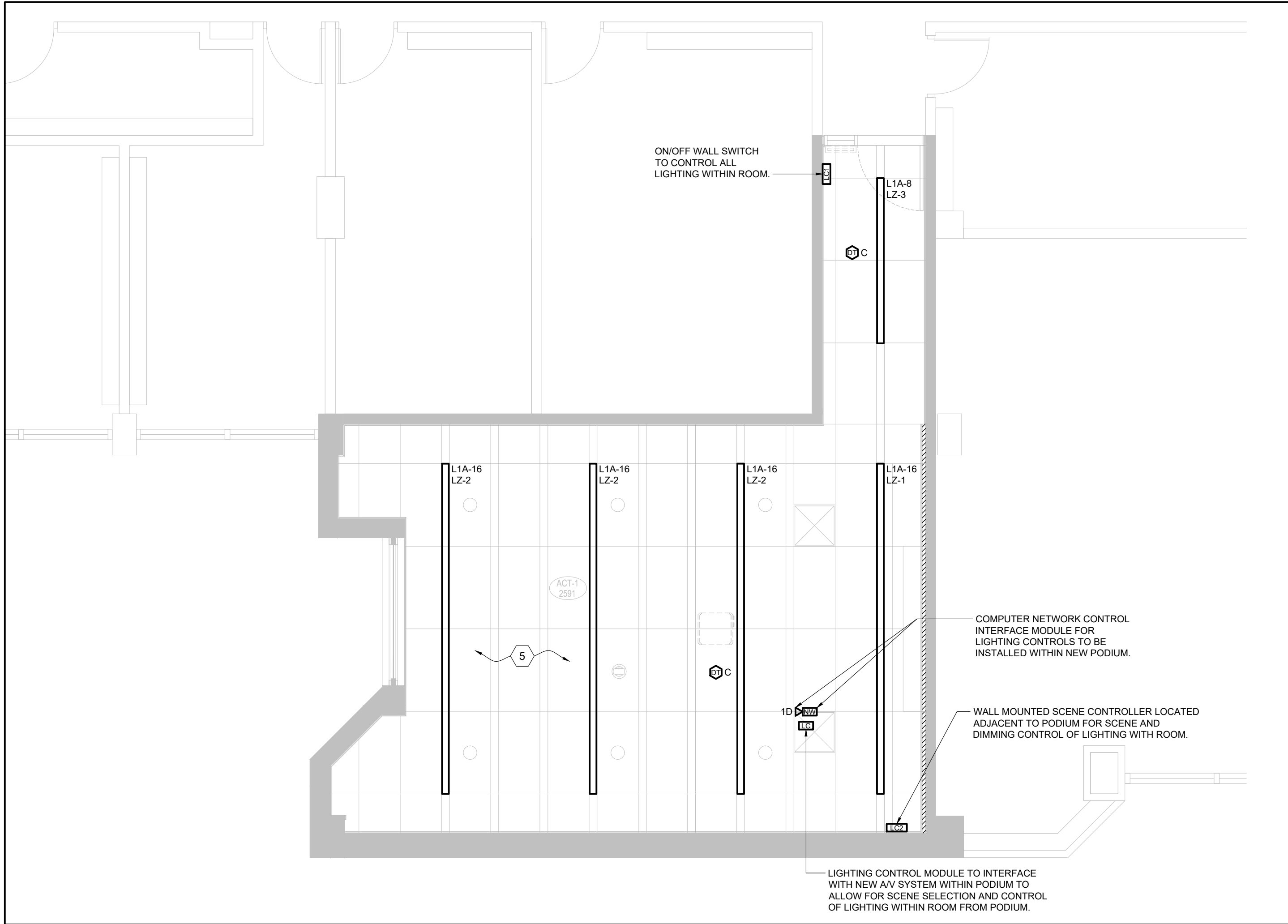
Reviewed by: BD/TWS

Job number: ED-22-764

Plot date: 2022.11.03

Drawing number:

E393-230



3 BETHUNE COLLEGE #322 - NEW WORK LIGHTING PLAN
SCALE: 1:50

NEW WORK SHEET KEYNOTES

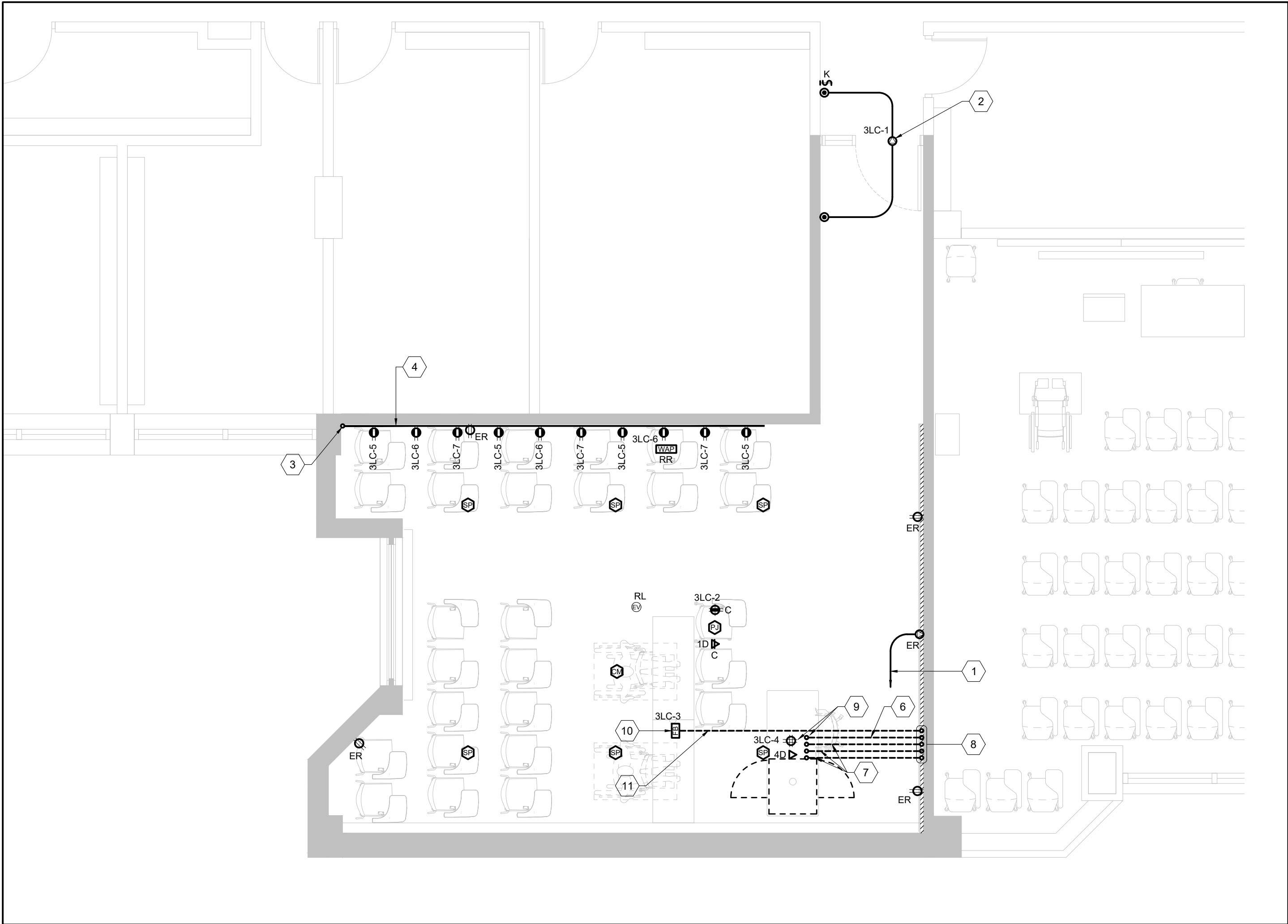
- 3/4" (21mm) CONDUIT INSTALLED WITHIN CEILING OF FOR POWER TO NEW FOR PROJECTION SCREEN CONTROLS TO MAIN AV SYSTEM RACK. BE RESPONSIBLE TO CONFIRM EXACT ROUTING OF CONDUIT ON SITE PRIOR TO ROUGH-IN.
- PROVIDE CONNECTION TO NEW POWER DOOR OPERATOR INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BETWEEN OPERATOR AND ACTUATORS. ALL WIRING AND CONDUIT BETWEEN ACTUATORS AND DOOR OPERATOR TO BE FLUSH MOUNTED IN WALL. INCLUDE FOR CUTTING AND PATCHING OF WALL AS REQUIRED.
- FEED POINT FOR SURFACE RACEWAY DOWN WALL FROM CEILING SPACE. COORDINATE EXACT LOCATION ON SITE PRIOR TO ROUGH-IN. IF USING CONDUIT, CONDUIT SHALL BE PAINTED TO MATCH ADJACENT WALL COLOUR.
- SURFACE MOUNTED RACEWAY COMPLETE WITH NEW USB RECEPTACLES AS NOTED ON PLANS. RACEWAY SHALL BE INSTALLED AT 610mm (2'-0") ABOVE FINISHED FLOOR AND BE COMPLETE WITH ALL REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION. RECEPTACLES SHALL BE CONNECTED TO BRANCH CIRCUIT(S) INDICATED. RACEWAY SHALL BE LEGRAND #AL3300 SERIES OR EQUIVALENT.
- NEW LIGHTING TO BE RECONNECTED TO EXISTING 347 LIGHTING CIRCUIT. RETAINED AS PART OF THE DEMOLITION SCOPE. MODIFY EXISTING BRANCH CIRCUIT AS REQUIRED TO ACCOMMODATE NEW LIGHTING ARRANGEMENT.
- 3/4" (21mm) CONDUIT INSTALLED WITHIN CEILING SPACE OF FLOOR BELOW FOR POWER TO NEW PODIUM. INCLUDE FOR SCANNING OF EXISTING FLOOR PRIOR TO CORE DRILLING OF EXISTING FLOOR FOR INSTALLATION OF NEW CONDUIT PENETRATIONS. CONFIRM EXACT ROUTING OF CONDUIT ON SITE PRIOR TO ROUGH-IN.
- 1-1/2" (41mm) CONDUIT INSTALLED WITHIN CEILING SPACE OF FLOOR BELOW FOR AV SYSTEM WIRING FROM ROOM DEVICES TO NEW PODIUMS. INCLUDE FOR SCANNING OF EXISTING FLOOR PRIOR TO CORE DRILLING OF EXISTING FLOOR FOR INSTALLATION OF NEW CONDUIT PENETRATIONS. CONFIRM EXACT ROUTING OF CONDUIT ON SITE PRIOR TO ROUGH-IN.
- 1-1/4" (38mm) CONDUIT AND 3 x 1/2" (21mm) CONDUITS FOR AV SYSTEM WIRING AND DATA CABLE AND 2 x 3/4" (21mm) CONDUIT FOR POWER CABLE DOWN FROM CEILING SPACE AND WITHIN NEW FURRED OUT WALL. BE RESPONSIBLE TO COORDINATE EXACT LOCATION ON SITE PRIOR TO ROUGH-IN.
- NEW AV AND POWER CONDUITS TO TERMINATE AT NEW RECESSED POKE-THROUGH FLOOR FITTING. POKE-THROUGH FITTING TO HOUSE QUAD RECEPTACLE AND DATA OUTLETS NOTED ON PLANS AND COORDINATE INSTALLATION AND TERMINATION POINTS WITH ARCHITECTURAL DRAWINGS AND GENERAL CONTRACTOR ON SITE. POKE-THROUGH DEVICE SHALL BE LEGRAND EVOLUTION SERIES 8" POKE-THRU DEVICE, OR EQUIVALENT, COMPLETE WITH 2 x 20A DUPLEX RECEPTACLES AND QUAD DATA OUTLET AND BLANK OPENINGS FOR AV CABLE INSTALLATION. COLOUR FINISH TO BE CONFIRMED WITH ARCHITECT PRIOR TO ORDERING.
- PROVIDE NEW FLUSH FLOOR MOUNTED FLOOR BOX, COMPLETE WITH TWO (2) COMBINATION 15A DUPLEX RECEPTACLE AND USB CHARGING DEVICE. FLOOR BOX TO BE INSTALLED WITHIN SAWCUT OF EXISTING FLOOR SUB. COORDINATE EXACT LOCATION ON SITE PRIOR TO ROUGH-IN AND COORDINATE INSTALLATION WITH GENERAL CONTRACTOR AND STRUCTURAL DRAWINGS. FLOOR BOX SHALL BE HUBBELL #BX14 BOX COMPLETE WITH HUBBELL #SA3826 COVER PLATE, OR EQUAL. EQUIVALENT FLOOR BOX MUST MEET DEPTH DIMENSION OF SPECIFIED MODEL.
- 3/4" (21mm) CONDUIT INSTALLED WITHIN SAWCUT OF FLOOR FOR POWER TO FLUSH FLOOR BOX. INCLUDE FOR SCANNING OF EXISTING FLOOR AND BE RESPONSIBLE TO COORDINATE EXACT LOCATION OF SAWCUT AND INSTALLATION OF CONDUIT WITH GENERAL CONTRACTOR AND STRUCTURAL ENGINEER ON SITE. TYPICAL FOR ALL LOCATIONS ON THIS DRAWING.

DEMO WORK SHEET KEYNOTES

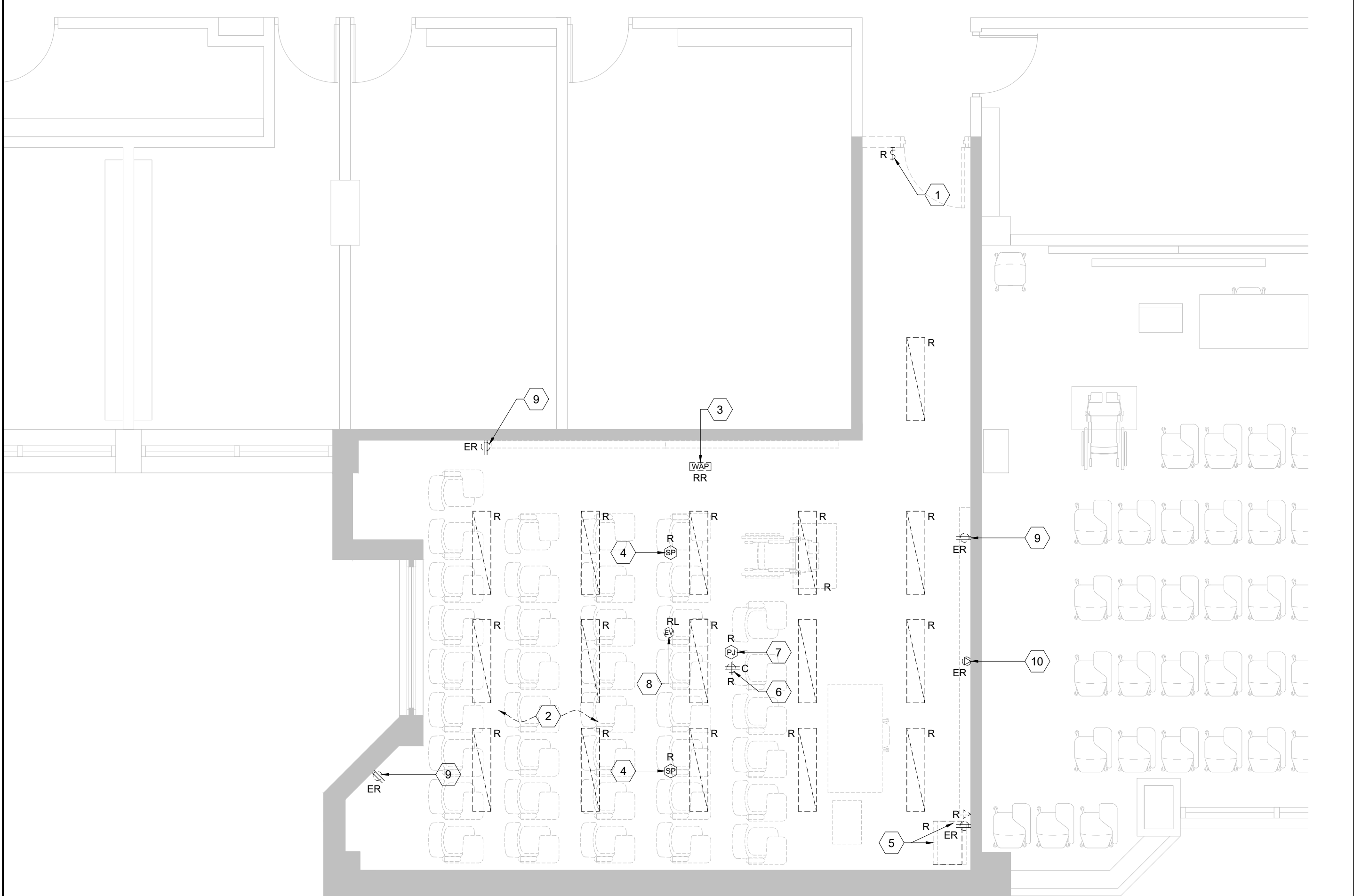
- EXISTING ROOM LIGHT SWITCH TO BE REMOVED IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED WIRING AND CONDUIT. ANY EXISTING CONDUIT EMBEDDED WITHIN EXISTING CONCRETE WALL CONSTRUCTION SHALL BE ABANDONED. PROVIDE BLANK COVER PLATE OVER EXISTING BACKBOX.
- EXISTING LIGHTING FIXTURES WITHIN THIS SPACE TO BE REMOVED IN THEIR ENTIRETY AND TURNED OVER TO YORK UNIVERSITY, IF REQUIRED. BE RESPONSIBLE TO RETAIN EXISTING 347V NORMAL LIGHTING BRANCH CIRCUITS WITHIN THIS SPACE, MODIFY AS REQUIRED AND RECONNECT TO NEW LIGHTING AND SWITCHING/ZONE ARRANGEMENT AS SHOWN ON NEW WORK PLAN. ALL EXISTING 120V LIGHTING CIRCUITS SERVING THE FIXTURES BEING REMOVED, SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING ALL ASSOCIATED WIRING AND CONDUIT WORK.
- EXISTING CEILING MOUNTED WIRELESS ACCESS POINT TO BE REMOVED AND REINSTALLED TO ACCOMMODATE REPLACEMENT OF EXISTING CEILING. EXISTING DATA CABLEING TO BE RETAINED AND COILED WITHIN EXISTING CEILING SPACE DURING CONSTRUCTION. ALL WORK ASSOCIATED WITH REMOVAL AND REINSTALLATION OF EXISTING ACCESS POINT AND DATA CABLEING SHALL BE COMPLETED BY YORK UNIVERSITY PREFERRED VENDOR FOR THIS BUILDING AS NOTED ON DRAWING #E000-001.
- EXISTING CEILING MOUNTED AV SYSTEM SPEAKER TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY, IF REQUIRED. ALL EXISTING AV SYSTEM WIRING AND ANY ASSOCIATED CONDUIT (NOT CONCEALED WITHIN WALL) TO BE REMOVED IN ITS ENTIRETY.
- REMOVE EXISTING RACK MOUNTED AV EQUIPMENT, ASSOCIATED RACK AND ASSOCIATED POWER OUTLET(S) AND DATA OUTLET(S) INSTALLED BEHIND RACK, INCLUDING ALL ASSOCIATED WIRING AND SYSTEM CABLEING COMPLETE. REMOVAL OF DATA CABLEING TO BE COMPLETED BY YORK UNIVERSITY PREFERRED SYSTEM VENDOR FOR THIS BUILDING, CARRIED BY THE ELECTRICAL CONTRACTOR. REFER TO DRAWING #E000-001 FOR APPLICABLE VENDOR. TURN OVER ANY EXISTING AV EQUIPMENT TO OWNER IF DESIRED.
- EXISTING CEILING MOUNTED RECEPTACLE TO BE REMOVED IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE. ANY CONDUIT EMBEDDED IN EXISTING WALL OR CEILING CONSTRUCTION SHALL BE ABANDONED.
- EXISTING CEILING MOUNTED AV SYSTEM PROJECTOR, INCLUDING ASSOCIATED MOUNTING BRACKETS TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY, IF REQUIRED. ALL EXISTING AV SYSTEM WIRING AND ANY ASSOCIATED CONDUIT (NOT CONCEALED WITHIN WALL) TO BE REMOVED IN ITS ENTIRETY.
- EXISTING CEILING MOUNTED FIRE ALARM SPEAKER/HORN DEVICE TO BE RELOCATED TO ACCOMMODATE REPLACEMENT OF EXISTING. BE RESPONSIBLE TO MODIFY EXISTING SYSTEM WIRING AS REQUIRED TO ACCOMMODATE NEW LOCATION OF DEVICE AS SHOWN ON NEW WORK PLAN. COORDINATE WORK WITH YORK UNIVERSITY SECURITY/FIRE ALARM TEAM FORCES PRIOR TO COMMENCEMENT OF WORK. TEST AND VERIFY DEVICE UPON COMPLETION OF WORK.
- EXISTING RECEPTACLE TO BE REMOVED AND REPLACED WITH NEW IN SAME LOCATION. PROVIDE BOX EXTENDER AS REQUIRED, MODIFY EXISTING BRANCH CIRCUIT WIRING AS REQUIRED AND RECONNECTED TO NEW RECEPTACLE COMPLETE. FACEPLATE TO BE REPLACED WITH NEW.
- CONNECTION TO EXISTING MOTORIZED PROJECTION SCREEN TO BE RETAINED. BE RESPONSIBLE TO MODIFY EXISTING BRANCH CIRCUIT WIRING AS REQUIRED TO ACCOMMODATE NEW PROJECTION SCREEN AND RECONNECT COMPLETE. EXISTING CONTROL WIRING TO EXISTING AV RACK TO BE REMOVED IN ITS ENTIRETY.

GENERAL NOTES

- THIS DRAWING IS ISSUED TO SHOW SCOPE OF WORK ONLY. THE CONTRACTOR MUST PERFORM A SITE INSPECTION (INCLUDING CEILING SPACES) DURING THE TENDER PERIOD AND ENSURE THAT ALL WORK THAT IS VISIBLE IS INCLUDED IN THE DEMOLITION SCOPE OF WORK. ALL EXISTING SERVICES THAT PASS THROUGH THE RENOVATION AREA (UNLESS OBSOLETE) ARE TO BE MAINTAINED AND/OR RELOCATED TO SUIT THE SCOPE OF WORK. FOR ALL DEVICES NOTED AS EXISTING TO REMAIN, BE RESPONSIBLE TO PROVIDE OUTLET BOX EXTENSIONS ON ANY EXISTING WALL MOUNTED DEVICES TO ACCOMMODATE FURRING OUT OF EXISTING WALLS. BE RESPONSIBLE TO REVIEW ARCHITECTURAL DRAWINGS DURING THE TENDER PERIOD AND COORDINATE WITH GENERAL CONTRACTOR ON SITE. INCLUDE FOR DISCONNECTION AND REINSTALLATION OF ALL EXISTING DEVICES AND MODIFICATION OF EXISTING BRANCH CIRCUIT WIRING AS REQUIRED.
- ALL CONDUIT PENETRATIONS INTO LECTURE HALL #109A SHALL BE PACKED AND SEALED TO MEET THE REQUIRED "nc" SOUND LEVEL RATINGS AS NOTED IN THE ACOUSTIC CONSULTANT'S REPORT LOCATED WITHIN ARCHITECTURAL SPECIFICATIONS. PROVIDE REQUIRED SEAL MATERIALS TO SUIT.
- CONTRACTOR TO PROVIDE NEW 1/2" HOOPS WITHIN EXISTING CEILING SPACE AS REQUIRED TO INSTALL AND SUPPORT NEW DATA CABLEING. COORDINATE ROUTING AND LOCATION ON SITE WITH YORK UNIVERSITY PREFERRED VENDOR FOR THIS BUILDING.
- REFER TO AV DRAWING #AV231-322 FOR EXACT CONDUIT REQUIREMENTS AND MOUNTING HEIGHTS FOR JUNCTION BOXES, ETC.



2 BETHUNE COLLEGE #322 - NEW WORK POWER & SIGNALS PLAN
SCALE: 1:50



1 BETHUNE COLLEGE #322 - DEMOLITION PLAN
SCALE: 1:50

8.	2025.05.02	ISSUED FOR TENDER	CW
7.	2025.05.02	ISSUED FOR PERMIT	CW
6.	2025.04.23	ISSUED FOR TENDER	CW
5.	2023.05.01	ISSUED FOR 80%CD COSTING	CW
4.	2023.03.24	ISSUED FOR 40%CD	CW
3.	2023.02.10	ISSUED FOR 100%DD	CW
2.	2023.01.20	ISSUED FOR IT REVIEW	CW
1.	2022.11.30	ISSUED FOR CLIENT REVIEW	CW
#	DATE	REVISION	BY



All drawing and specifications are the property of the architect. The contractor shall verify all dimensions and information on site and report any discrepancy to architect before proceeding.

YORK CLASSROOM RENEWAL Y3

York University, Keele Campus

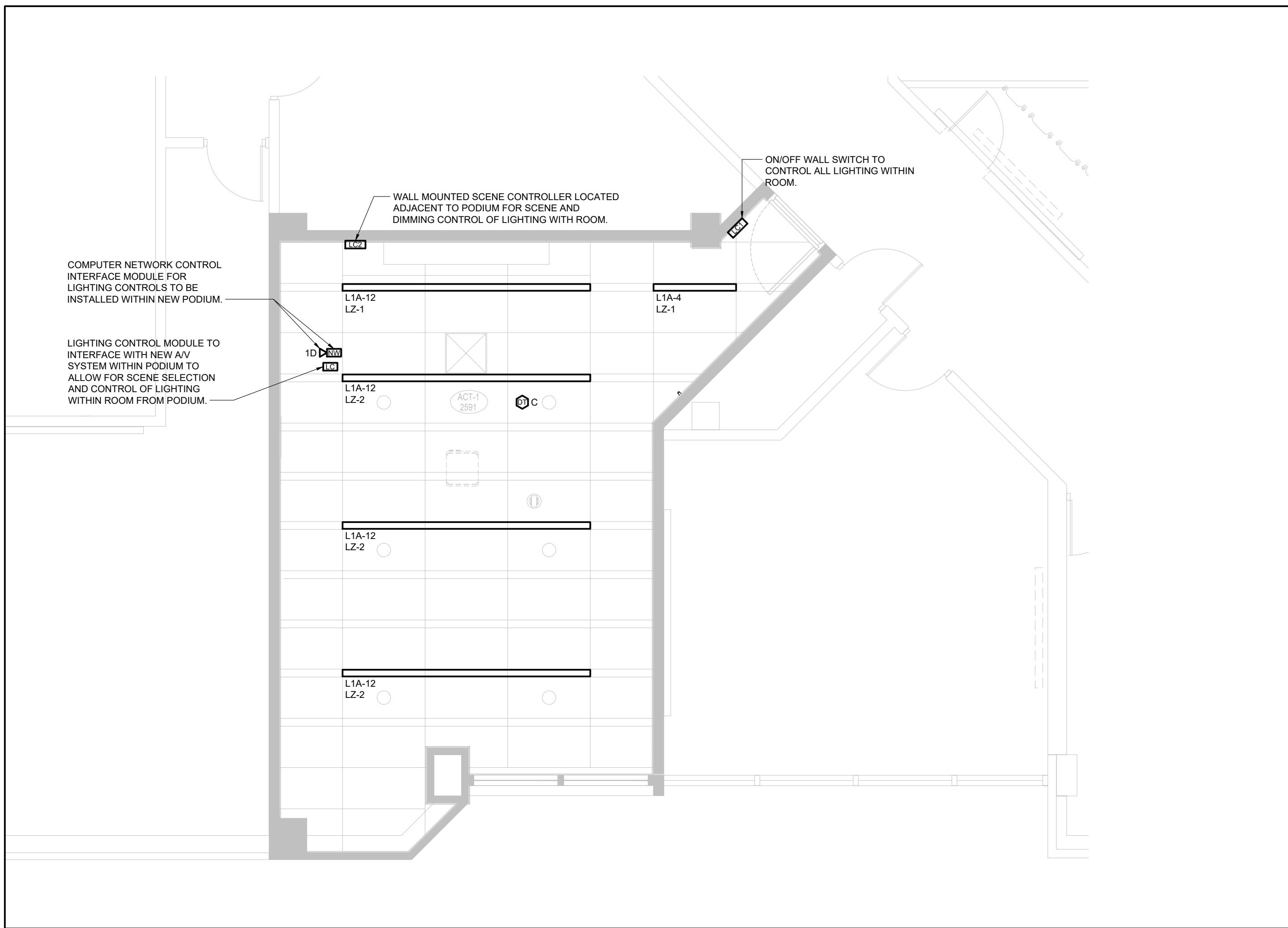
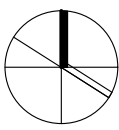
PHASE 2

BUILDING NAME: BETHUNE COLLEGE (BC)
BUILDING NUMBER: 393
CLASSROOM TYPE: TRADITIONAL FLAT (TABLET)
CLASSROOM NUMBER: 322

Scale: 1:50
Drawn by: CW
Reviewed by: BD/TWS
Job number: ED-22-764
Plot date: 2022.11.03

Drawing number:

E393-322



3 BETHUNE COLLEGE #323 - NEW WORK LIGHTING PLAN
SCALE: 1:50

NEW WORK SHEET KEYNOTES

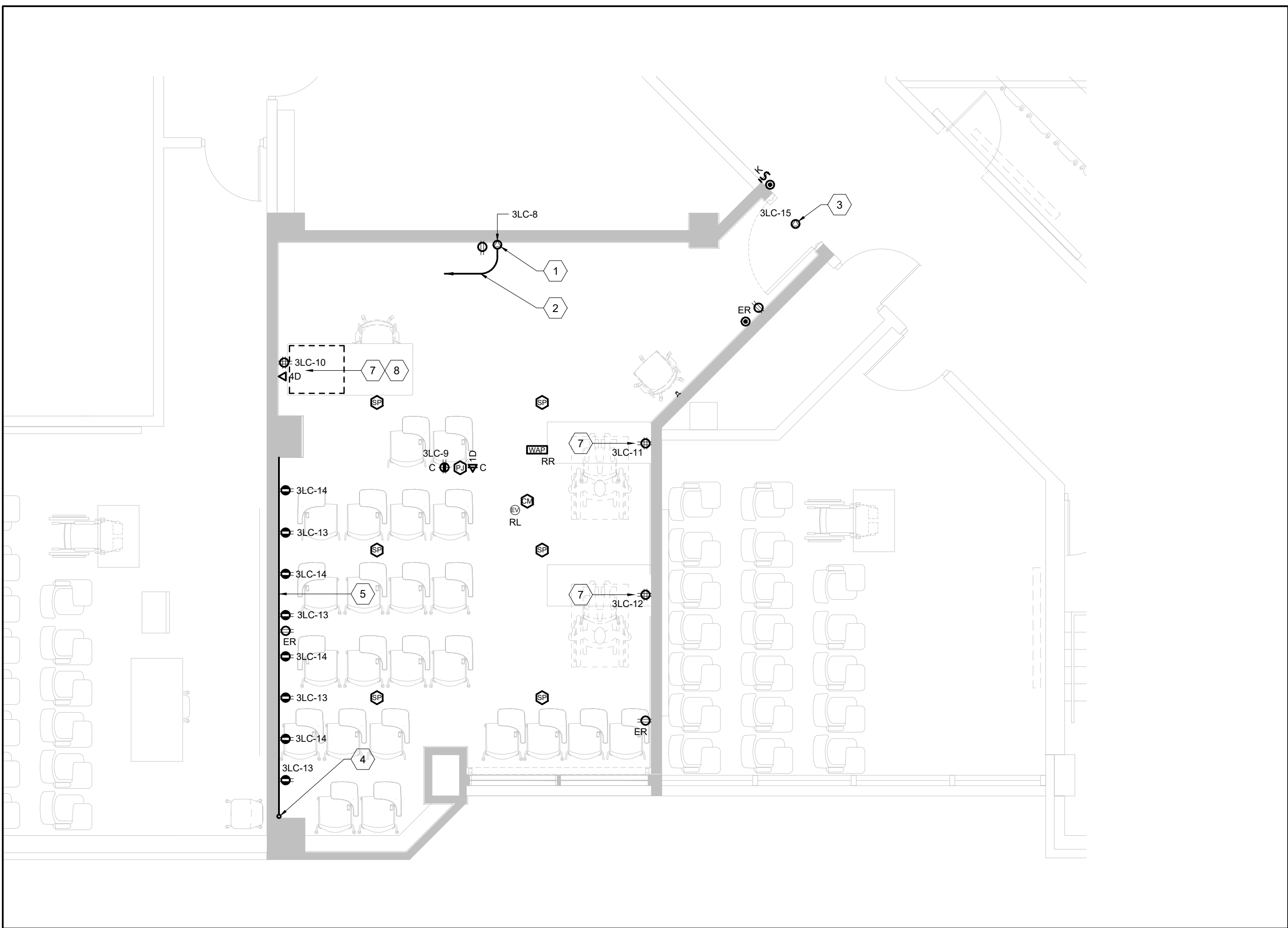
1. PROVIDE CONNECTION TO MOTORIZED PROJECTION SCREEN. FOR BRANCH CIRCUIT INDICATED, EXTEND 2#10 + GROUND IN 21mm CONDUIT FROM PROJECTION SCREEN TO ASSOCIATED BREAKER IN NOTED PANELBOARD AND CONNECT COMPLETE.
2. 3/4" (21mm) CONDUIT INSTALLED WITHIN CEILING OF FOR POWER TO NEW FOR PROJECTION SCREEN CONTROLS TO MAIN AV SYSTEM RACK. BE RESPONSIBLE TO CONFIRM EXACT ROUTING OF CONDUIT ON SITE PRIOR TO ROUGH-IN.
3. PROVIDE CONNECTION TO NEW POWER DOOR OPERATOR INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BETWEEN OPERATOR AND ACTUATORS. ALL WIRING AND CONDUIT BETWEEN ACTUATORS AND DOOR OPERATOR TO BE FLUSH MOUNTED IN WALL, INCLUDE FOR CUTTING AND PATCHING OF WALL AS REQUIRED.
4. FEED POINT FOR SURFACE RACEWAY DOWN WALL FROM CEILING SPACE. COORDINATE EXACT LOCATION ON SITE PRIOR TO ROUGH-IN. IF USING CONDUIT, CONDUIT SHALL BE PAINTED TO MATCH ADJACENT WALL COLOUR.
5. SURFACE MOUNTED RACEWAY COMPLETE WITH NEW USB RECEPTACLES AS NOTED ON PLANS. RACEWAY SHALL BE INSTALLED AT 610mm (2'-0") ABOVE FINISHED FLOOR AND BE COMPLETE WITH ALL REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION. RECEPTACLES SHALL BE CONNECTED TO BRANCH CIRCUIT(S) INDICATED. RACEWAY SHALL BE LEGRAND #AL3300 SERIES OR EQUIVALENT.
6. NEW LIGHTING TO BE RECONNECTED TO EXISTING 347 LIGHTING CIRCUIT. RETAINED AS PART OF THE DEMOLITION SCOPE. MODIFY EXISTING BRANCH CIRCUIT AS REQUIRED TO ACCOMMODATE NEW LIGHTING ARRANGEMENT.
7. DEVICES TO BE CONCEALED WITHIN NEW DRYWALL PARTITION. COORDINATE INSTALLATION AND ROUGH-INS WITH GENERAL CONTRACTOR ON SITE. RECEPTACLE SHALL BE 20A TYPE.
8. 1 x 35mm (AV), 3 x 27mm (DATA & AV) AND 1 x 21mm (POWER) CONDUITS INSTALLED VERTICALLY FROM CEILING TO DEVICE BACKBOXES AT TEACHING STATION. PROVIDE 100mm x 100mm WALL BOX AT TEACHING PODIUM FOR AV CABLE PULL THROUGH TO TEACHING PODIUM.

DEMO WORK SHEET KEYNOTES









1. EXISTING ROOM LIGHT SWITCH TO BE REMOVED IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED WIRING AND CONDUIT. ANY EXISTING CONDUIT EMBEDDED WITHIN EXISTING CONCRETE WALL CONSTRUCTION SHALL BE ABANDONED. PROVIDE BLANK COVER PLATE OVER EXISTING BACKBOX.
2. EXISTING LIGHTING FIXTURES WITHIN THIS SPACE TO BE REMOVED IN THEIR ENTIRETY AND TURNED OVER TO YORK UNIVERSITY. IF REQUIRED, BE RESPONSIBLE TO RETAIN EXISTING 347V NORMAL LIGHTING BRANCH CIRCUITS WITHIN THIS SPACE. MODIFY AS REQUIRED AND RECONNECT TO NEW LIGHTING AND SWITCHING/ZONE ARRANGEMENT AS SHOWN ON NEW WORK PLAN. ALL EXISTING 120V LIGHTING CIRCUITS SERVING THE FIXTURES BEING REMOVED, SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING ALL ASSOCIATED WIRING AND CONDUIT WORK.
3. EXISTING CEILING MOUNTED WIRELESS ACCESS POINT TO BE REMOVED AND REINSTALLED TO ACCOMMODATE REPLACEMENT OF EXISTING CEILING. EXISTING DATA CABLING TO BE RETAINED AND COILED WITHIN EXISTING CEILING SPACE DURING CONSTRUCTION. ALL WORK ASSOCIATED WITH REMOVAL AND REINSTALLATION OF EXISTING ACCESS POINT AND DATA CABLING SHALL BE COMPLETED BY YORK UNIVERSITY PREFERRED VENDOR FOR THIS BUILDING AS NOTED ON DRAWING #E000-001.
4. EXISTING CEILING MOUNTED AV SYSTEM SPEAKER TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY. IF REQUIRED, ALL EXISTING AV SYSTEM WIRING AND ANY ASSOCIATED CONDUIT (NOT CONCEALED WITHIN WALL) TO BE REMOVED IN ITS ENTIRETY.
5. REMOVE EXISTING RACK MOUNTED AV EQUIPMENT, ASSOCIATED RACK AND ASSOCIATED POWER OUTLET(S) AND DATA OUTLET(S) INSTALLED BEHIND RACK, INCLUDING ALL ASSOCIATED WIRING AND SYSTEM CABLING COMPLETE. REMOVAL OF DATA CABLING TO BE COMPLETED BY YORK UNIVERSITY PREFERRED SYSTEM VENDOR FOR THIS BUILDING, CARRIED BY THE ELECTRICAL CONTRACTOR. REFER TO DRAWING #E000-001 FOR APPLICABLE VENDOR. TURN OVER ANY EXISTING AV EQUIPMENT TO OWNER IF DESIRED.
6. EXISTING CEILING MOUNTED RECEPTACLE TO BE REMOVED IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE. ANY CONDUIT EMBEDDED IN EXISTING WALL OR CEILING CONSTRUCTION SHALL BE ABANDONED.
7. EXISTING CEILING MOUNTED AV SYSTEM PROJECTOR, INCLUDING ASSOCIATED MOUNTING BRACKETS TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY. IF REQUIRED, ALL EXISTING AV SYSTEM WIRING AND ANY ASSOCIATED CONDUIT (NOT CONCEALED WITHIN WALL) TO BE REMOVED IN ITS ENTIRETY.
8. EXISTING CEILING MOUNTED FIRE ALARM SPEAKER/HORN DEVICE TO BE RELOCATED TO ACCOMMODATE REPLACEMENT OF EXISTING CEILING. BE RESPONSIBLE TO MODIFY EXISTING SYSTEM WIRING AS REQUIRED TO ACCOMMODATE NEW LOCATION OF DEVICE AS SHOWN ON NEW WORK PLAN. COORDINATE WORK WITH YORK UNIVERSITY SECURITY/FIRE ALARM TEAM FORCES PRIOR TO COMMENCEMENT OF WORK. TEST AND VERIFY DEVICE UPON COMPLETION OF WORK.
9. EXISTING RECEPTACLE TO BE REMOVED AND REPLACED WITH NEW IN SAME LOCATION. PROVIDE BOX EXTENDER AS REQUIRED. MODIFY EXISTING BRANCH CIRCUIT WIRING AS REQUIRED AND RECONNECTED TO NEW RECEPTACLE COMPLETE. FACEPLATE TO BE REPLACED WITH NEW.
10. POWER CONNECTION AND ASSOCIATED CONTROL CABLING FOR EXISTING MOTORIZED PROJECTION SCREEN TO BE REMOVED IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED WIRING AND CONDUIT BACK TO SOURCE. EXISTING PROJECTION SCREEN TO BE REMOVED AND TURNED OVER TO YORK UNIVERSITY.
11. EXISTING EMERGENCY TELEPHONE TO BE DISCONNECTED, REMOVED AND STORED ON SITE BY YORK UNIVERSITY. EXISTING CABLING SHALL BE COILED WITHIN EXISTING BACK BOX DURING CONSTRUCTION AND TAGGED WITH APPROPRIATE ROOM NUMBER. PROVIDE BOX EXTENDER AS REQUIRED AND RECONNECT AND REINSTALL TELEPHONE UPON COMPLETION OF RENOVATION WORK.

GENERAL NOTES










1. THIS DRAWING IS ISSUED TO SHOW SCOPE OF WORK ONLY. THE CONTRACTOR MUST PERFORM A SITE INSPECTION (INCLUDING CEILING SPACES) DURING THE TENDER PERIOD AND ENSURE THAT ALL WORK THAT IS VISIBLE IS INCLUDED IN THE DEMOLITION SCOPE OF WORK. ALL EXISTING SERVICES THAT PASS THROUGH THE RENOVATION AREA (UNLESS OBSOLETE) ARE TO BE MAINTAINED AND/OR RELOCATED TO SUIT THE SCOPE OF WORK.
2. FOR ALL DEVICES NOTED AS EXISTING TO REMAIN, BE RESPONSIBLE TO PROVIDE OUTLET BOX EXTENSIONS ON ANY EXISTING WALL MOUNTED DEVICES TO ACCOMMODATE FURRING OUT OF EXISTING WALLS. BE RESPONSIBLE TO REVIEW ARCHITECTURAL DRAWINGS DURING THE TENDER PERIOD AND COORDINATE WITH GENERAL CONTRACTOR ON SITE. INCLUDE FOR DISCONNECTION AND REINSTALLATION OF ALL EXISTING DEVICES AND MODIFICATION OF EXISTING BRANCH CIRCUIT WIRING AS REQUIRED.
3. ALL CONDUIT PENETRATIONS INTO LECTURE HALL #108A SHALL BE PACKED AND SEALED TO MEET THE REQUIRED "NC" SOUND LEVEL RATINGS AS NOTED IN THE ACOUSTIC CONSULTANT'S REPORT LOCATED WITHIN ARCHITECTURAL SPECIFICATIONS. PROVIDE REQUIRED SEAL MATERIALS TO SUIT.
4. CONTRACTOR TO PROVIDE NEW 7" HOOKS WITHIN EXISTING CEILING SPACE AS REQUIRED TO INSTALL AND SUPPORT NEW DATA CABLING. COORDINATE ROUTING AND LOCATION ON SITE WITH YORK UNIVERSITY PREFERRED VENDOR FOR THIS BUILDING.
5. REFER TO AV DRAWING #EA232-323 FOR EXACT CONDUIT REQUIREMENTS AND MOUNTING HEIGHTS FOR JUNCTION BOXES, ETC.

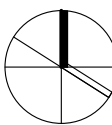


SCHEDULE 26 06 50.19 - EXIT SIGN SCHEDULE								
SYMBOL	TYPE	DESCRIPTION	MANUFACTURER AND PRODUCT SERIES	VOLTAGE	LAMPS	MOUNTING	SPEC SECTION	REMARKS
	X1	WALL MOUNTED LED EDGE-LIT EXIT SIGN	-LUMACELL LDE SERIES	SEE NOTE 2	3 W LED	CEILING OR WALL, SURFACE	26 52 13.16	
EXIT SIGN SCHEDULE NOTES:								
1. WHERE AN INCOMPLETE MODEL/CAT NO. IS LISTED, MANUFACTURERS/SUPPLIES MUST CONFIRM THE PROPOSED FIXTURE WITH THE CONSULTANT A MINIMUM OF ONE WEEK PRIOR TO TENDER CLOSE.								
2. EXIT SIGNS SHALL BE CAPABLE OF UNIVERSAL 120/347V AC AND 6 TO 48V DC INPUT. BATTERY UNITS SHALL BE CAPABLE OF UNIVERSAL 120/347V AC INPUT.								
3. FOR EXIT SIGNS, REFER TO ARROWS AND NUMBER OF SHADED FACES AS DIRECTED ON LIGHTING LAYOUT. WHERE ARROWS INDICATE TWO DIRECTIONS, PROVIDE TWO PICTOGRAM STYLE EXIT SIGNS.								
4. SUBMIT SHOP DRAWINGS FOR CONSULTANT'S REVIEW PRIOR TO PLACING ANY ORDER.								
5. ACCEPTABLE MANUFACTURERS: AMILITE, BEGHELLI, EMERGITELITE, LUMACELL, STANPRO.								

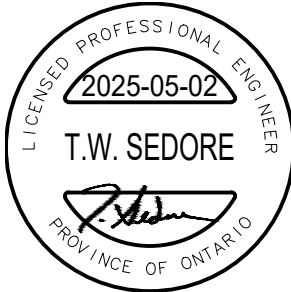
SCHEDULE 26 06 50.16.B - LED LIGHTING FIXTURE SCHEDULE								
SYMBOL	TYPE	DESCRIPTION	MANUFACTURER AND CAT NO. SEE NOTE 1	VOLTAGE/ INPUT WATTS	LUMEN PACKAGE (3500 K CCT UNLESS NOTED OTHERWISE) MINIMUM 80 CRI	MOUNTING	REFERENCE	REMARKS
	L1-XX	4" WIDE NARROW APERTURE RECESSED LED LUMINAIRE WITH EXTRUDED ALUMINUM TRIM, 18 GAUGE STEEL HOUSING, SATINE LENS AND WHITE PAINTED STEEL REFLECTOR.	CREE LIGHTING (TPL) CAT. #ST3-RC-XX-L-8-40K-L-10V-A-WH (CONFIRM T-BAR TYPE WITH GENERAL CONTRACTOR PRIOR TO ORDERING OF LUMINAIRES)	120V 5.5W / ft.	4000K CCT 510 LUMENS / ft.	RECESSED INTERIOR T-BAR CEILING	26 51 00	"XX" IN CAT. # DESCRIPTION DENOTES CONTINUOUS RUN LENGTH IN FEET AS INDICATED ON THE FLOOR PLANS.
	L1A-XX	4" WIDE NARROW APERTURE RECESSED LED LUMINAIRE WITH EXTRUDED ALUMINUM TRIM, 18 GAUGE STEEL HOUSING, SATINE LENS AND WHITE PAINTED STEEL REFLECTOR.	CREE LIGHTING (TPL) CAT. #ST3-RC-XX-L-8-40K-34-L-10V-A-WH (CONFIRM T-BAR TYPE WITH GENERAL CONTRACTOR PRIOR TO ORDERING OF LUMINAIRES)	347V 5.5W / ft.	4000K CCT 500 LUMENS / ft.	RECESSED INTERIOR T-BAR CEILING	26 51 00	"XX" IN CAT. # DESCRIPTION DENOTES CONTINUOUS RUN LENGTH IN FEET AS INDICATED ON THE FLOOR PLANS.
	L2-XX	4" WIDE NARROW APERTURE RECESSED LED LUMINAIRE WITH EXTRUDED ALUMINUM TRIM, 18 GAUGE STEEL HOUSING, SATINE LENS AND WHITE PAINTED STEEL REFLECTOR. LUMINAIRE CONNECTED TO EMERGENCY POWER.	CREE LIGHTING (TPL) CAT. #ST3-RC-XX-M-8-40K-L-10V-A-WH (CONFIRM T-BAR TYPE WITH GENERAL CONTRACTOR PRIOR TO ORDERING OF LUMINAIRES)	120V 8W / ft.	4000K CCT 830 LUMENS / ft.	RECESSED INTERIOR T-BAR CEILING	26 51 00	"XX" IN CAT. # DESCRIPTION DENOTES CONTINUOUS RUN LENGTH IN FEET AS INDICATED ON THE FLOOR PLANS. EMERGENCY POWER LUMINAIRE TO BE CONNECTED TO NORMAL POWER LUMINAIRE SUCH THAT IT APPEARS TO BE A CONTINUOUS ROW.
	L2A-XX	4" WIDE NARROW APERTURE RECESSED LED LUMINAIRE WITH EXTRUDED ALUMINUM TRIM, 18 GAUGE STEEL HOUSING, SATINE LENS AND WHITE PAINTED STEEL REFLECTOR. LUMINAIRE CONNECTED TO EMERGENCY POWER.	CREE LIGHTING (TPL) CAT. #ST3-RC-XX-M-8-40K-34-L-10V-A-WH (CONFIRM T-BAR TYPE WITH GENERAL CONTRACTOR PRIOR TO ORDERING OF LUMINAIRES)	347V 8W / ft.	4000K CCT 830 LUMENS / ft.	RECESSED INTERIOR T-BAR CEILING	26 51 00	"XX" IN CAT. # DESCRIPTION DENOTES CONTINUOUS RUN LENGTH IN FEET AS INDICATED ON THE FLOOR PLANS. EMERGENCY POWER LUMINAIRE TO BE CONNECTED TO NORMAL POWER LUMINAIRE SUCH THAT IT APPEARS TO BE A CONTINUOUS ROW.
	L3-XX	4" WIDE NARROW APERTURE RECESSED LED LUMINAIRE WITH EXTRUDED ALUMINUM TRIM, 18 GAUGE STEEL HOUSING, SATINE LENS AND WHITE PAINTED STEEL REFLECTOR.	CREE LIGHTING (TPL) CAT. #ST3-RC-XX-M-8-40K-L-10V-A-WH (CONFIRM T-BAR TYPE WITH GENERAL CONTRACTOR PRIOR TO ORDERING OF LUMINAIRES)	120V 8W / ft.	4000K CCT 750 LUMENS / ft.	RECESSED INTERIOR T-BAR CEILING	26 51 00	"XX" IN CAT. # DESCRIPTION DENOTES CONTINUOUS RUN LENGTH IN FEET AS INDICATED ON THE FLOOR PLANS.
	L3A-XX	4" WIDE NARROW APERTURE RECESSED LED LUMINAIRE WITH EXTRUDED ALUMINUM TRIM, 18 GAUGE STEEL HOUSING, SATINE LENS AND WHITE PAINTED STEEL REFLECTOR.	CREE LIGHTING (TPL) CAT. #ST3-RC-XX-M-8-40K-34-L-10V-A-WH (CONFIRM T-BAR TYPE WITH GENERAL CONTRACTOR PRIOR TO ORDERING OF LUMINAIRES)	347V 8W / ft.	4000K CCT 750 LUMENS / ft.	RECESSED INTERIOR T-BAR CEILING	26 51 00	"XX" IN CAT. # DESCRIPTION DENOTES CONTINUOUS RUN LENGTH IN FEET AS INDICATED ON THE FLOOR PLANS.
	L4-XX	4" WIDE NARROW APERTURE WALL MOUNTED LED LUMINAIRE WITH EXTRUDED ALUMINUM TRIM, 18 GAUGE STEEL HOUSING, SATINE LENS AND WHITE PAINTED STEEL REFLECTOR.	CREE LIGHTING (TPL) CAT. #ST3-W-XX-L-8-40K-34-L-10V-A-WH	347V 5.5W / ft.	4000K CCT 500 LUMENS / ft.	SURFACE WALL MOUNT	26 51 00	"XX" IN CAT. # DESCRIPTION DENOTES CONTINUOUS RUN LENGTH IN FEET AS INDICATED ON THE FLOOR PLANS.
	L5-XX	4" WIDE NARROW APERTURE SUSPENSION MOUNTED LED LUMINAIRE WITH EXTRUDED ALUMINUM TRIM, 18 GAUGE STEEL HOUSING, SATINE LENS AND WHITE PAINTED STEEL REFLECTOR.	CREE LIGHTING (TPL) CAT. #ST3-P-XX-M-8-40K-L-10V-A-WH	120V 8W / ft.	4000K CCT 750 LUMENS / ft.	SUSPENSION MOUNTED	26 51 00	"XX" IN CAT. # DESCRIPTION DENOTES CONTINUOUS RUN LENGTH IN FEET AS INDICATED ON THE FLOOR PLANS.

LIGHTING FIXTURE SCHEDULE NOTES:
 1. UNLESS NOTED OTHERWISE IN THE DRAWINGS, THERE WILL BE NO ACCEPTABLE MANUFACTURERS, YORK UNIVERSITY IS STANDARDIZING ON ONE LUMINAIRE MANUFACTURER FOR THIS CAMPUS RENOVATION.
 2. WHERE AN INCOMPLETE MODEL/CAT NO. IS LISTED, MANUFACTURERS/SUPPLIERS MUST CONFIRM THE PROPOSED FIXTURE WITH THE CONSULTANT A MINIMUM OF ONE WEEK PRIOR TO TENDER CLOSE.
 3. SUBMIT SHOP DRAWINGS FOR CONSULTANT'S REVIEW PRIOR TO PLACING ANY ORDER.

SYMBOL	TYPE	DESCRIPTION	BASIS OF DESIGN MANUFACTURERS AND PRODUCT SERIES	CONTROL WIRING	VOLTAGE OUTPUT	MOUNTING	SPACES SERVED	REMARKS	REFERENCE WIRING DIAGRAM
	LRF2	CEILING MOUNTED OCCUPANCY SENSOR, WIRELESS, DUAL TECHNOLOGY SENSOR.	LUTRON MODEL #LRF2-OCR2B-P-WH	WIRELESS	N/A	CEILING	LECTURE THEATRES	REFER TO LIGHTING CONTROL DETAILS FOR WIRING AND CONNECTION REQUIREMENTS.	#12/3 / E301 #1 / E302
	QSM2	CEILING MOUNTED WIRELESS CONTROLS INTEGRATION RECEIVER.	LUTRON MODEL #QSM2-4W-C	WIRELESS	N/A	CEILING	LECTURE THEATRES	REFER TO LIGHTING CONTROL DETAILS FOR WIRING AND CONNECTION REQUIREMENTS.	#12/3 / E301 #1 / E302
	QSE	WALL MOUNTED ETHERNET AND CONTROL INTERFACE MODULE	LUTRON MODEL #QSE-C1-NWK-E	DIGITAL	12V	PODIUM	LECTURE THEATRES	REFER TO LIGHTING CONTROL DETAILS FOR WIRING AND CONNECTION REQUIREMENTS.	#12/3 / E301 #1 / E302
	QSN	WALL MOUNTED ROOM CONTROLLER (NORMAL POWER INPUT)	LUTRON MODEL #QSN-4T16-S	DIGITAL	120V IN 12V OUT	WALL	LECTURE THEATRES	REFER TO LIGHTING CONTROL DETAILS FOR WIRING AND CONNECTION REQUIREMENTS.	#12/3 / E301 #1 / E302
	QSW2	WALL MOUNTED TWO BUTTON CONTROL STATION (SCENE 1 & OFF), WIRELESS	LUTRON MODEL #PJ2-2B-GWH-L01 / CW-1-WH	WIRELESS	N/A	WALL	LECTURE THEATRES	REFER TO LIGHTING CONTROL DETAILS FOR WIRING AND CONNECTION REQUIREMENTS.	#12/3 / E301 #1 / E302
	PJ2	FIVE BUTTON CONTROL STATION (SCENE 1-4 & OFF), WIREED, RAISE/LOWER CONTROLS	LUTRON MODEL #QSW2-5BRLI-WH	WIRELESS	N/A	WALL/ PODIUM	LECTURE THEATRES	REFER TO LIGHTING CONTROL DETAILS FOR WIRING AND CONNECTION REQUIREMENTS.	#12/3 / E301 #1 / E302
	ELI	WALL MOUNTED EMERGENCY LIGHTING INTERFACE MODULE	LUTRON MODEL #LUT-ELI-3PH	DIGITAL	12V	WALL	LECTURE THEATRES	REFER TO LIGHTING CONTROL DETAILS FOR WIRING AND CONNECTION REQUIREMENTS.	#12/3 / E301 #1 / E302
	PP	WALL MOUNTED POWER PACK FOR EMERGENCY LIGHTING INTERFACE MODULE	LUTRON MODEL #PP-DV	DIGITAL	120V IN 12V OUT	WALL	LECTURE THEATRES	REFER TO LIGHTING CONTROL DETAILS FOR WIRING AND CONNECTION REQUIREMENTS.	#12/3 / E301 #1 / E302
	QSN	WALL MOUNTED ROOM CONTROLLER (EMERGENCY POWER INPUT)	LUTRON MODEL #QSN-4T16-S	DIGITAL	120V IN 12V OUT	WALL	LECTURE THEATRES	REFER TO LIGHTING CONTROL DETAILS FOR WIRING AND CONNECTION REQUIREMENTS.	#12/3 / E301 #1 / E302
LIGHTING CONTROLS SCHEDULE NOTES: 1. LIGHTING CONTROLS OF ONE MANUFACTURER THROUGH PROJECT TO ENSURE PRODUCT COMPATIBILITY. 2. POSITION CEILING MOUNTED OCCUPANCY SENSORS A MINIMUM 1200 mm (4'-0") FROM NEAREST AIR DIFFUSER, HVAC OUTLETS, HEATING BLOWERS, ETC. 3. CONFIRM INSTALLATION REQUIREMENTS, WIRING DIAGRAMS, ETC. WITH MANUFACTURER'S DETAILS. 4. CONFIRM FINISH COLOUR WITH CONSULTANT DURING SUBMITTAL REVIEW.									



8.	2025.05.02	ISSUED FOR TENDER	CW
7.	2025.05.02	ISSUED FOR PERMIT	CW
6.	2025.04.23	ISSUED FOR TENDER	CW
5.	2023.05.01	ISSUED FOR 80%CD COSTING	CW
4.	2023.03.24	ISSUED FOR 40%CD	CW
3.	2023.02.10	ISSUED FOR 100%DD	CW
2.	2023.01.20	ISSUED FOR IT REVIEW	CW
1.	2022.11.30	ISSUED FOR CLIENT REVIEW	CW
#	DATE	REVISION	BY



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YORK CLASSROOM RENEWAL Y3

York University, Keele Campus

PHASE 2

LUMINAIRE SCHEDULES

BUILDING NUMBER:

CLASSROOM TYPE

CLASSROOM NUMBER

Scale: NOT TO SCALE

Drawn by: CW

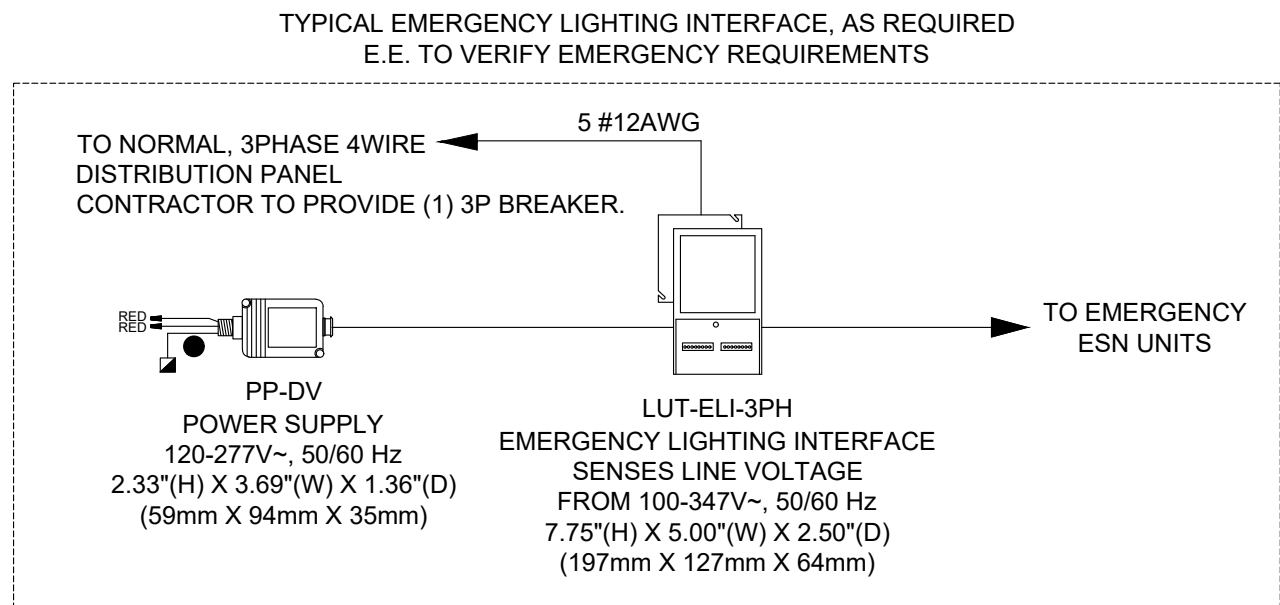
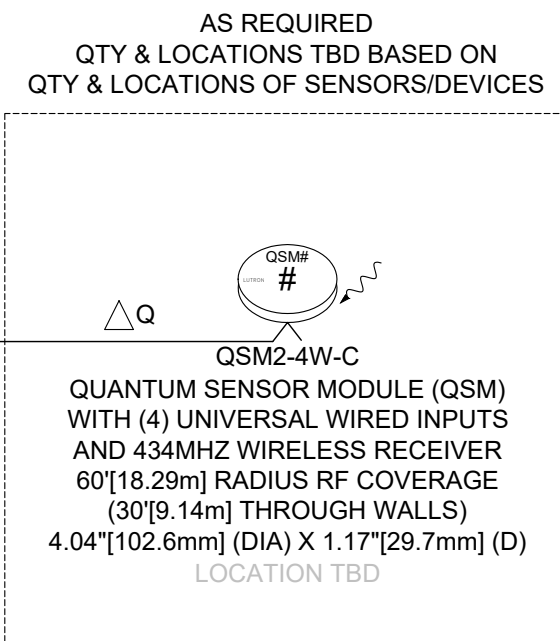
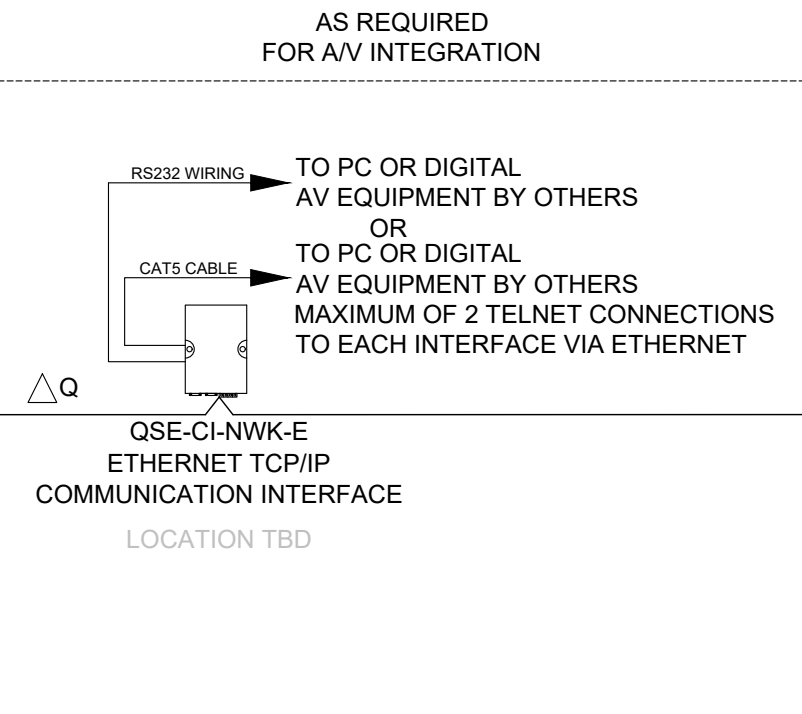
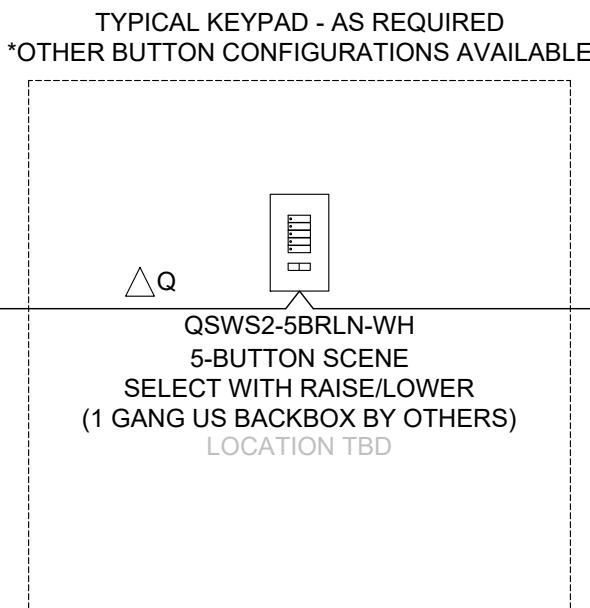
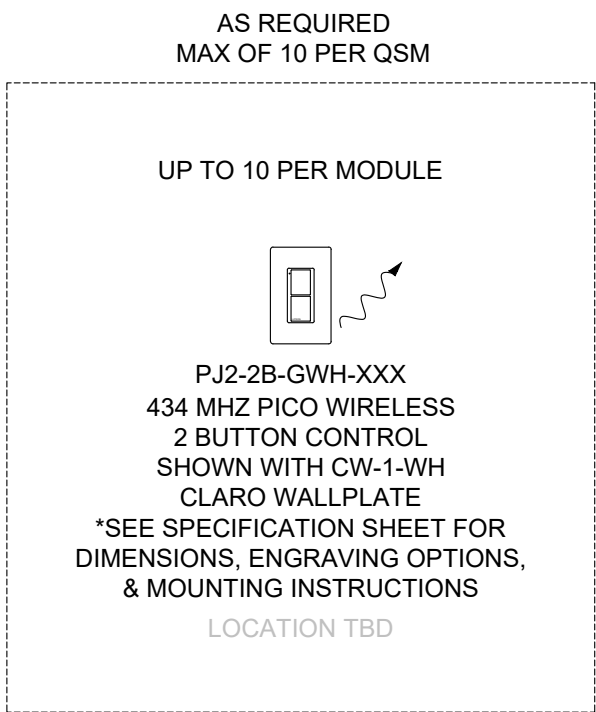
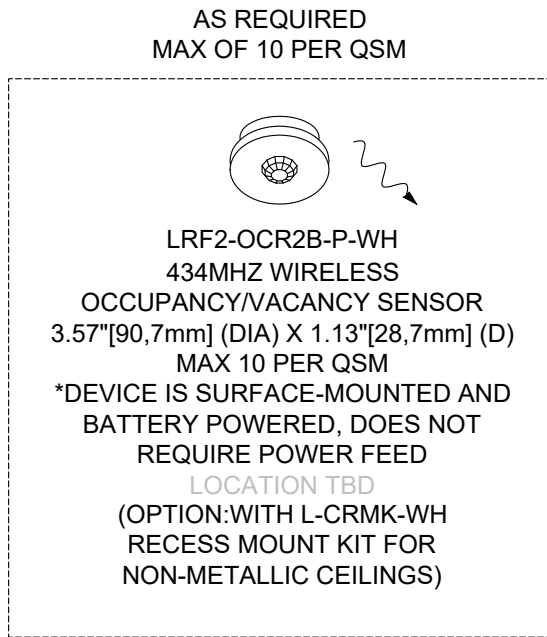
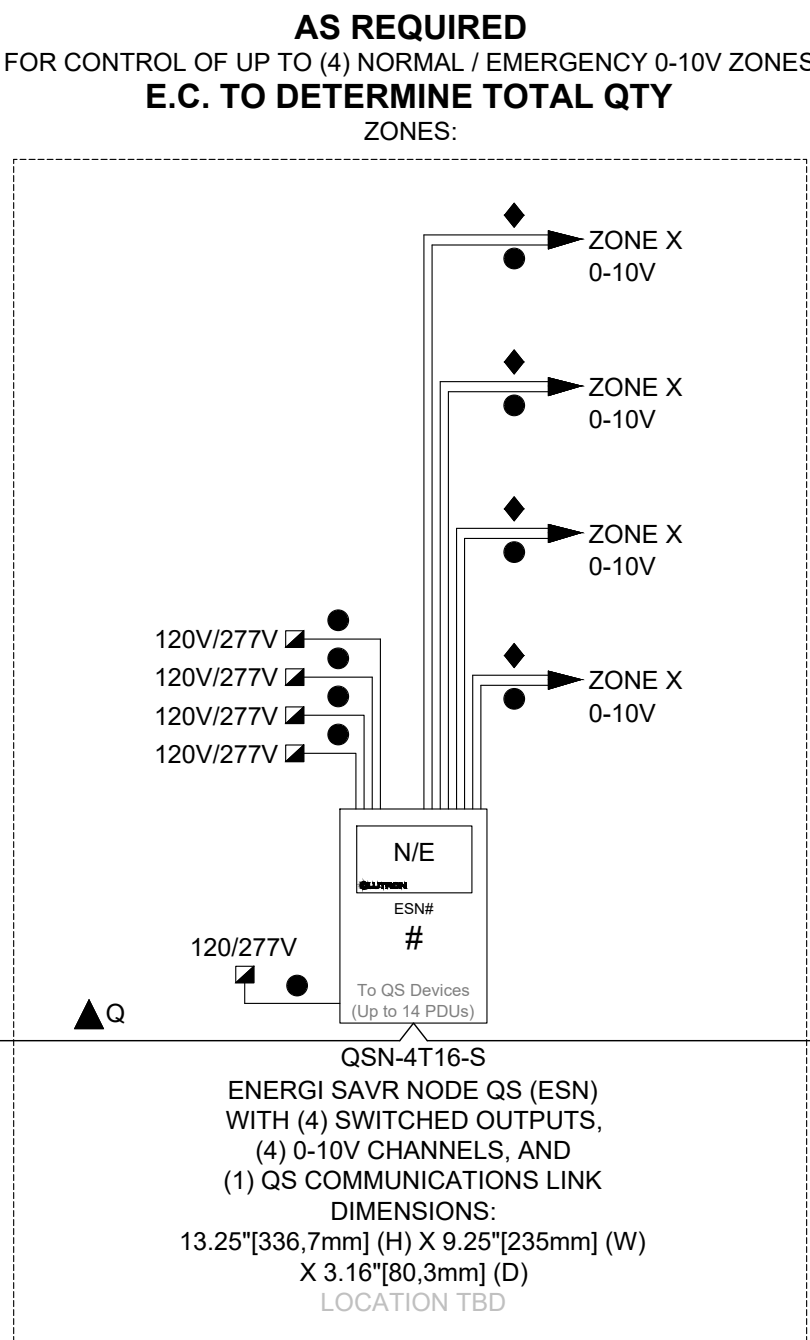
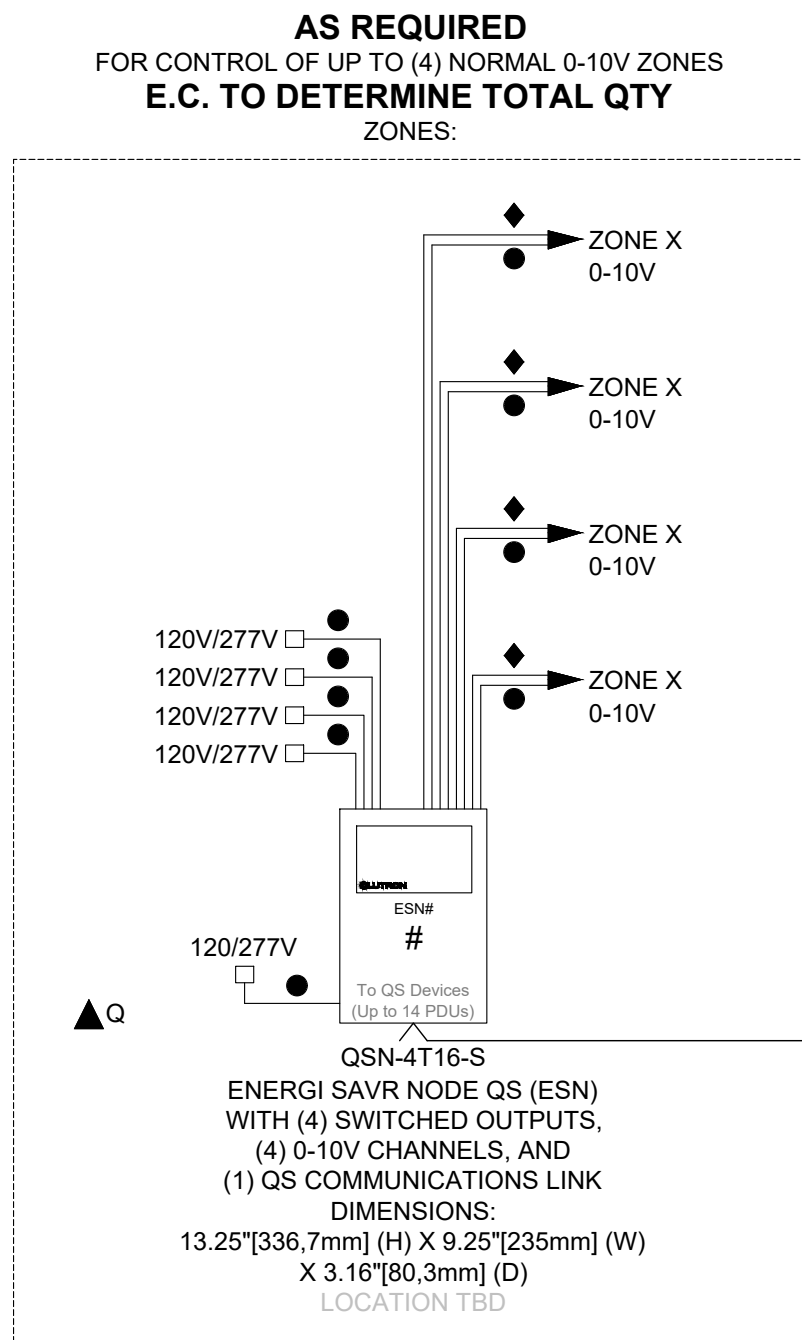
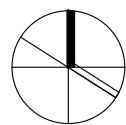
Reviewed by: BD/TWS

Job number: FD-22-764

Plot date: 2022.11.03

Drawing number:

E400-001



WIRING LEGEND:

- △ Q QS CONTROL LINK (SEE WIRE DESCRIPTION BELOW)
▲ Q QS CONTROL LINK (SEE WIRE DESCRIPTION BELOW)
(CONNECT WIRES 1, 3 AND 4. DO NOT CONNECT WIRE # 2)
- QS WIRING AS REQUIRED BY CONTROL LINK LENGTH
(REFER TO QS SMART PANEL POWER SUPPLY WIRING GUIDE FOR SHADE WIRING NOTES):
- ☑ INPUT POWER (NORMAL-EMERGENCY)
□ INPUT POWER (NORMAL)
● 2 #12AWG (4 mm²)
- ☞ CLEAR CONNECT - TYPE A
WIRELESS SIGNAL
◆ 0-10V SIGNAL: 2 #18AWG (1.0 mm²)

WIRING NOTES:

QUANTUM & QS STANDALONE QS LINK RULES

THE FOLLOWING LINK RULES MUST BE OBSERVED FOR PROPER OPERATION:

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- IF WIRED DIFFERENTLY THAN WHAT IS SHOWN, POWER DRAW UNIT REQUIREMENTS NEED TO BE CONFIRMED; SEE POWER DRAW UNITS (PDU) SPECIFICATION SHEET INCLUDED IN THIS SUBMITTAL.
- MAXIMUM OF 512 OUTPUTS (BALLASTS, SHADES, CONTACT CLOSURES, ETC).
- MAXIMUM OF 100 OCCUPANCY SENSORS, 100 DAYLIGHT SENSORS/RADIO SHADOW SENSORS AND 100 KEYPADS.
- MAXIMUM OF 100 QS DEVICES (SUCH AS A GRAFIK EYE® QS, SEETOUGH® QS KEYPAD, SMART PANEL POWER SUPPLY [QSPS-10PNL], ESN, OR QS SHADE / DRAPERY DRIVE UNIT). QUANTUM PROCESSOR COUNTS AS 1 DEVICE PER LINK.
- MAXIMUM OF 100 ZONES - SUCH AS A QS SHADE / DRAPERY DRIVE UNIT, OR A LIGHTING ZONE ON A GRAFIK EYE QS (DOES NOT APPLY TO QUANTUM SYSTEMS).
- THE 10 OUTPUTS ON A QSPS-10PNL CANNOT EXCEED A COMBINED LENGTH OF 2,000 ft (600 m).

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CONTROL SYSTEM DRAWING IS PROVIDED FOR CONCEPTUAL PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION. EXACT EQUIPMENT REQUIREMENTS, INCLUDING LOCATIONS AND QUANTITIES, SHOULD BE VERIFIED IN ACCORDANCE WITH THE MOST UP-TO-DATE LIGHTING/ELECTRICAL REFLECTED CEILING PLANS, LIGHTING FIXTURE SCHEDULES, PANEL SCHEDULES, CONTROL INTENT AND SPECIFICATIONS. SHADE EQUIPMENT SHOULD BE VERIFIED IN ACCORDANCE WITH ARCHITECTURAL PLANS, SPECIFICATIONS AND WINDOW SCHEDULES/DETAILS.

LED DIMMING REQUIRES AN EXACT MATCH BETWEEN THE LED ARRAY, DRIVER AND CONTROL. LUTRON CANNOT GUARANTEE COMPATIBILITY OR PERFORMANCE WITHOUT TESTING THIS COMBINATION.

TO CONFIRM WHAT PRODUCTS LUTRON HAS AVAILABLE OR WHAT INTERFACES MAY BE REQUIRED, CALL 1-877-DIM-LED OR CHECK LUTRON'S PRODUCT COMPATIBILITY MATRIX ON-LINE AT WWW.LUTRON.COM/LED.

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IF USING UNTESTED, NON-LUTRON LED DRIVERS REQUIRING 0-10V CONTROL, PERFORMANCE AND COMPATIBILITY CANNOT BE GUARANTEED BY LUTRON. PRODUCTS FOLLOWING THE IEC STANDARD 60929 ARE MORE LIKELY TO PROVIDE ACCEPTABLE PERFORMANCE RESULTS. DETERMINATION OF RESULT ACCEPTABILITY IS UP TO THE USER'S DISCRETION.

IF USING UNTESTED, NON-LUTRON LED DRIVERS REQUIRING PHASE CONTROL, PERFORMANCE AND COMPATIBILITY CANNOT BE GUARANTEED BY LUTRON. A-SERIES OR ELV PRODUCTS PROVIDING HIGH END AND LOW END TRIM ADJUSTMENTS ARE MORE LIKELY TO PROVIDE ACCEPTABLE PERFORMANCE RESULTS. DETERMINATION OF RESULT ACCEPTABILITY IS UP TO THE USER'S DISCRETION.

8. 2025.05.02	ISSUED FOR TENDER	CW
7. 2025.05.02	ISSUED FOR PERMIT	CW
6. 2025.04.23	ISSUED FOR TENDER	CW
5. 2023.05.01	ISSUED FOR 80%CD COSTING	CW
4. 2023.03.24	ISSUED FOR 40%CD	CW
3. 2023.02.10	ISSUED FOR 100%DD	CW
2. 2023.01.20	ISSUED FOR IT REVIEW	CW
1. 2022.11.30	ISSUED FOR CLIENT REVIEW	CW
# DATE	REVISION	BY



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YORK CLASSROOM RENEWAL Y3

York University, Keele Campus

PHASE 2

BUILDING NAME:
TIERED CLASSROOM

BUILDING NUMBER:
LIGHTING CONTROL DETAIL

CLASSROOM TYPE:
-

CLASSROOM NUMBER:
-

Scale: NOT TO SCALE

Drawn by: CW

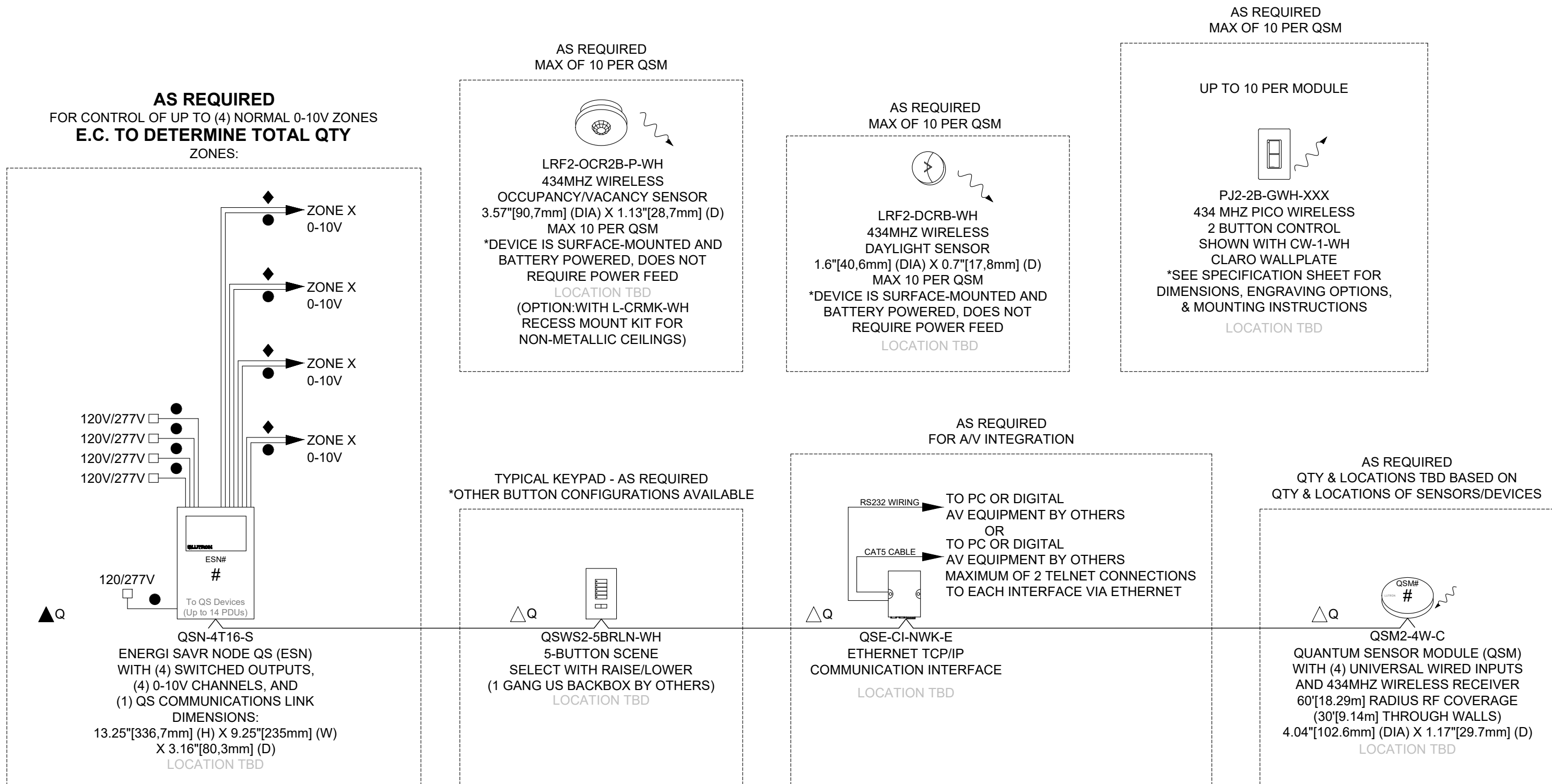
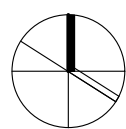
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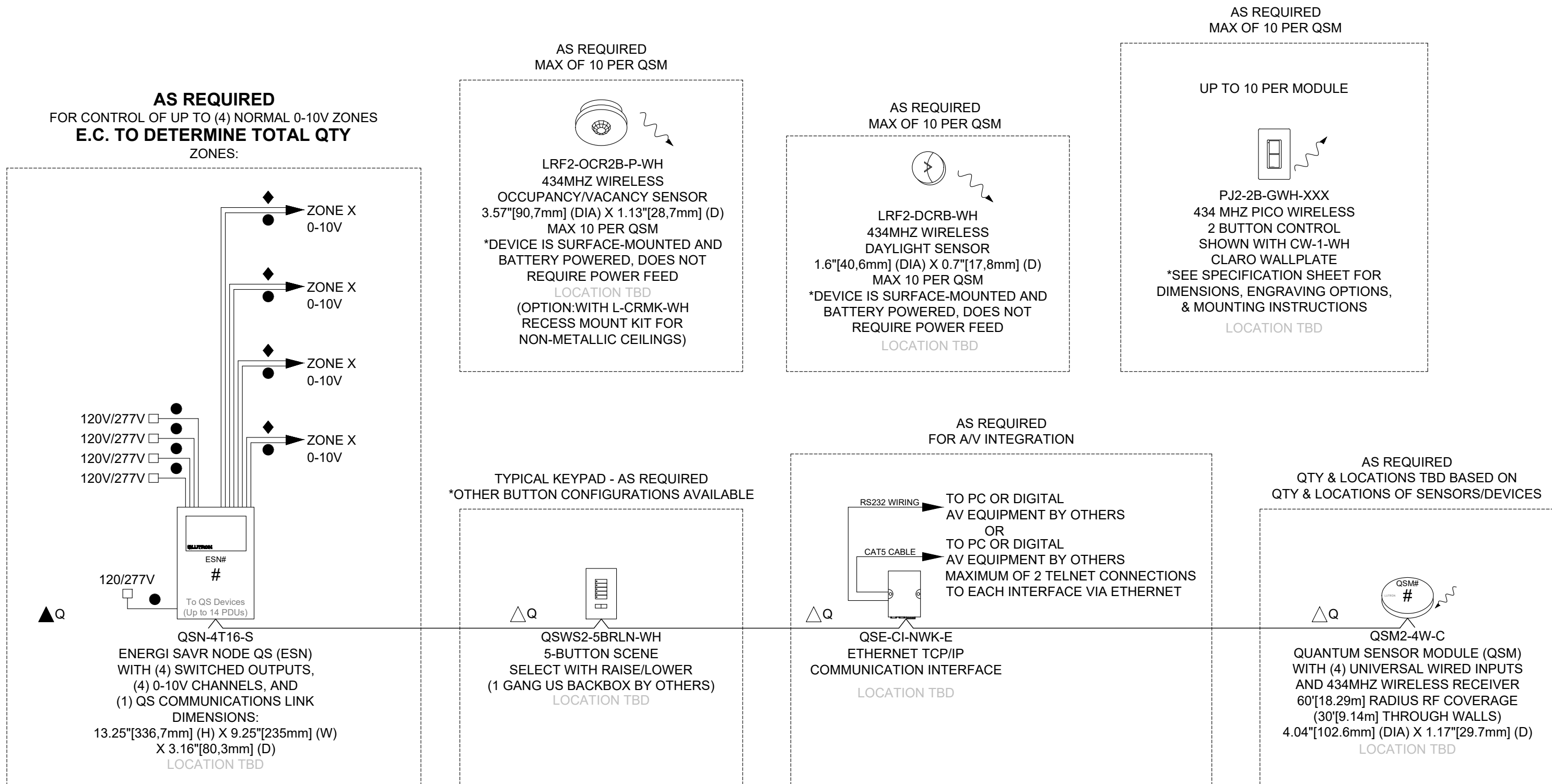
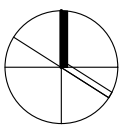
Job number: ED-22-764

Plot date: 2022.11.03

Drawing number:

E400-002





WIRING LEGEND:

- △

Q

QS CONTROL LINK (SEE WIRE DESCRIPTION BELOW)

▲

Q

QS CONTROL LINK (SEE WIRE DESCRIPTION BELOW)
(CONNECT WIRES 1, 3 AND 4. DO NOT CONNECT WIRE # 2)

■

INPUT POWER (NORMAL-EMERGENCY)

□

INPUT POWER (NORMAL)

●

2 #12AWG (4 mm²)

↗

CLEAR CONNECT - TYPE A
WIRELESS SIGNAL

◆

0-10V SIGNAL: 2 #18AWG (1.0 mm²)

QS WIRING AS REQUIRED BY CONTROL LINK LENGTH
(REFER TO QS SMART PANEL POWER SUPPLY WIRING GUIDE FOR SHADE WIRING NOTES):

WIRING NOTES:

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 - MAXIMUM OF 100 OCCUPANCY SENSORS, 100 DAYLIGHT SENSORS/RADIO SHADOW SENSORS AND 100 KEYPADS.
 - MAXIMUM OF 100 QS DEVICES (SUCH AS A GRAFIK EYE® QS, SEETOUCH® QS KEYPAD, SMART PANEL POWER SUPPLY [QSPS-10PNL], ESN, OR QS SHADE / DRAPERY DRIVE UNIT), QUANTUM PROCESSOR COUNTS AS 1 DEVICE PER LINK.
 - MAXIMUM OF 100 ZONES - SUCH AS A QS SHADE / DRAPERY DRIVE UNIT, OR A LIGHTING ZONE ON A GRAFIK EYE QS (DOES NOT APPLY TO QUANTUM SYSTEMS).
 - THE 10 OUTPUTS ON A QSPS-10PNL CANNOT EXCEED A COMBINED LENGTH OF 2,000 ft (600 m).

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IF USING UNTESTED, NON-LUTRON LED DRIVERS REQUIRING 0-10V CONTROL, PERFORMANCE AND COMPATIBILITY CANNOT BE GUARANTEED BY LUTRON. PRODUCTS FOLLOWING THE IEC STANDARD 60929 ARE MORE LIKELY TO PROVIDE ACCEPTABLE PERFORMANCE RESULTS. DETERMINATION OF RESULT ACCEPTABILITY IS UP TO THE USER'S DISCRETION.

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TYPICAL QS STANDALONE SYSTEM OF SEMINAR ROOM

8.	2025.05.02	ISSUED FOR TENDER	CW
7.	2025.05.02	ISSUED FOR PERMIT	CW
6.	2025.04.23	ISSUED FOR TENDER	CW
5.	2023.05.01	ISSUED FOR 80%CD COSTING	CW
4.	2023.03.24	ISSUED FOR 40%CD	CW
3.	2023.02.10	ISSUED FOR 100%DD	CW
2.	2023.01.20	ISSUED FOR IT REVIEW	CW
1.	2022.11.30	ISSUED FOR CLIENT REVIEW	CW
#	DATE	REVISION	BY

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YORK CLASSROOM
RENEWAL Y3

York University, Keele Campus

PHASE 2

BUILDING NAME:
SEMINAR ROOM

BUILDING NUMBER:
LIGHTING CONTROL DETAIL

CLASSROOM TYPE:
-

CLASSROOM NUMBER:
-

Scale: NOT TO SCALE

Drawn by: CW

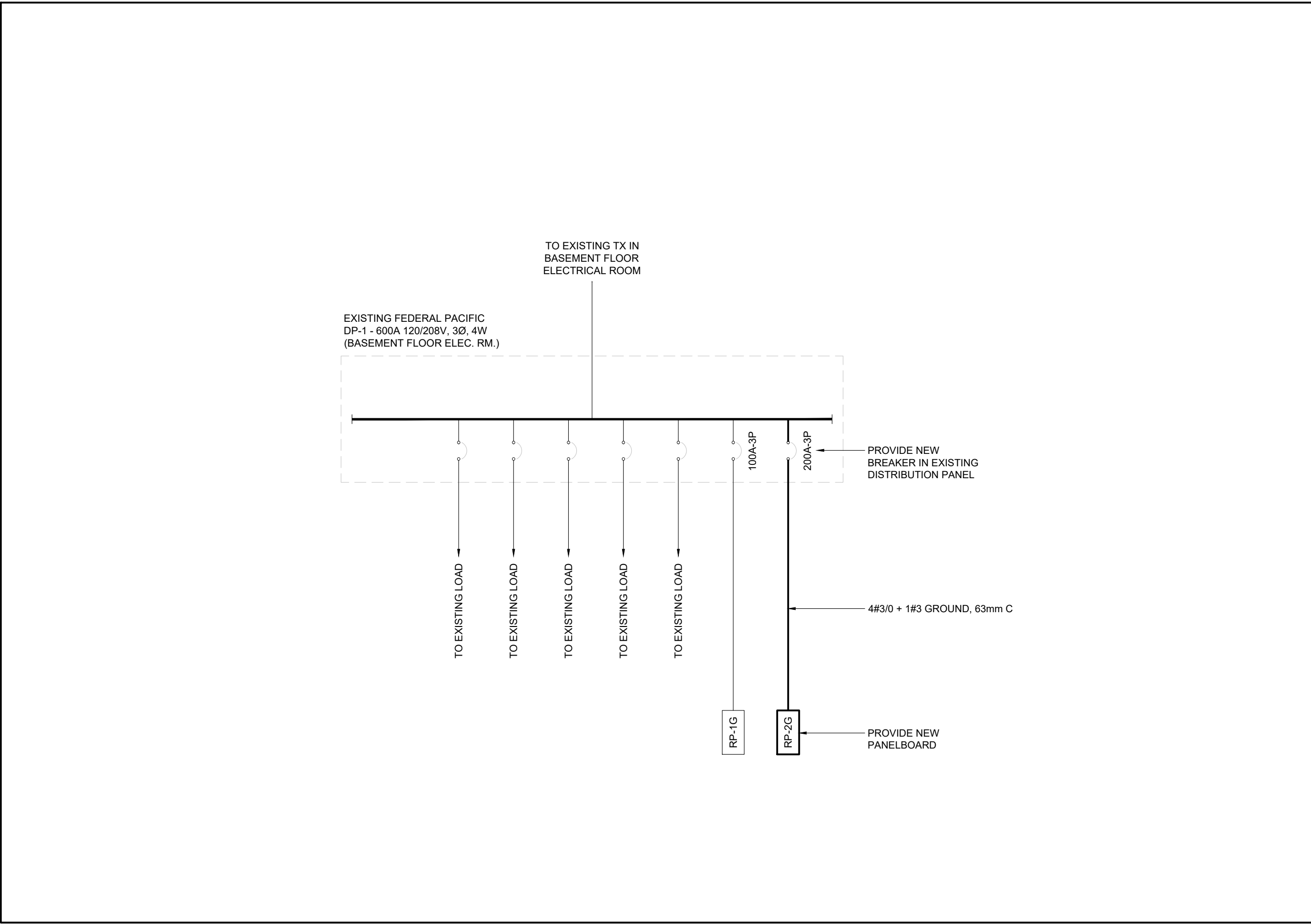
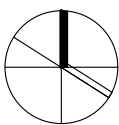
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Job number: ED-22-764

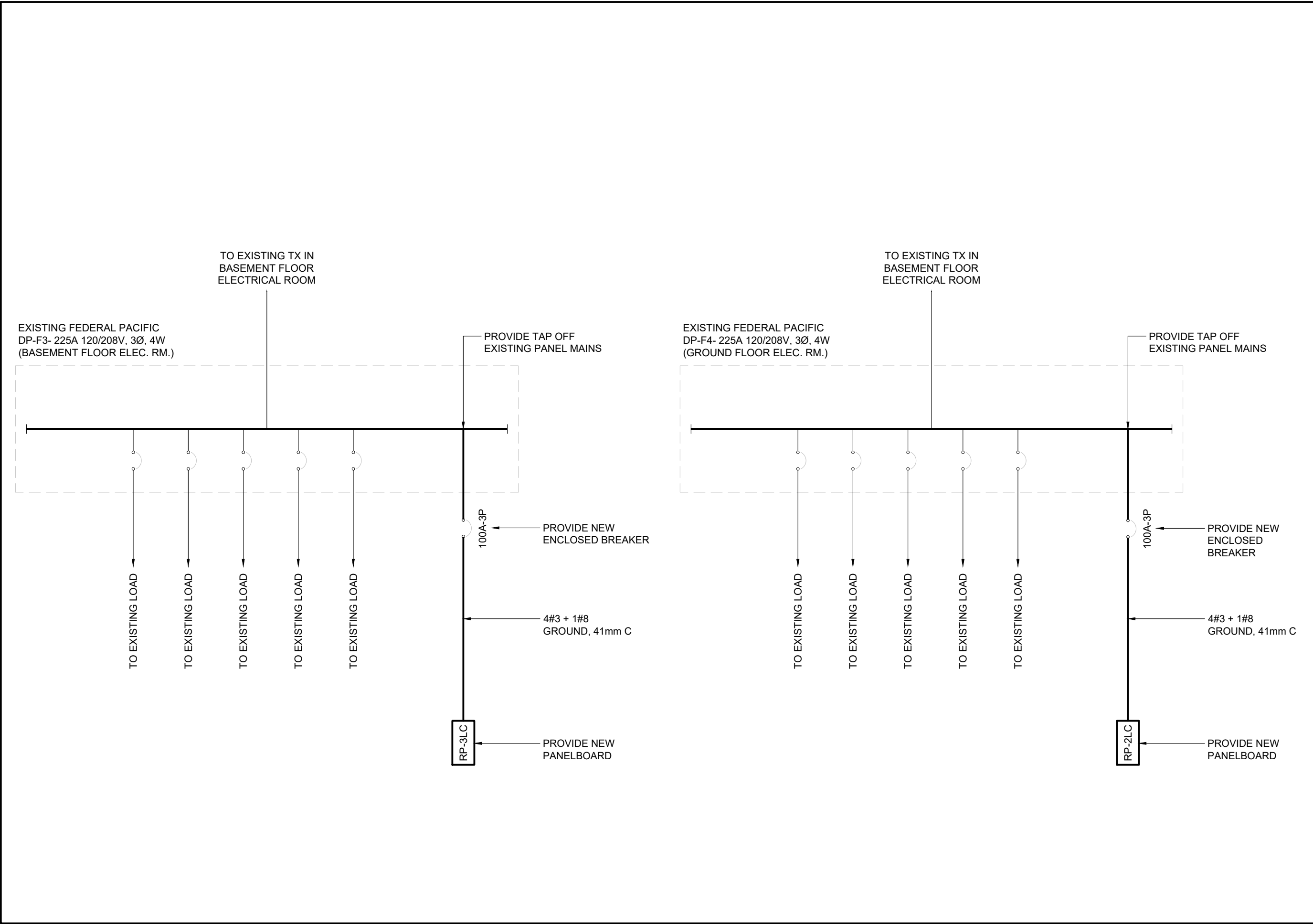
Plot date: 2022.11.03

Drawing number:

E400-004



2 **McLAUGHLIN COLLEGE SINGLE LINE DIAGRAM**
SCALE: N.T.S.



1 **BEHTUNE COLLEGE SINGLE LINE DIAGRAM**
SCALE: N.T.S.

8.	2025.05.02	ISSUED FOR TENDER	CW
7.	2025.05.02	ISSUED FOR PERMIT	CW
6.	2025.04.23	ISSUED FOR TENDER	CW
5.	2023.05.01	ISSUED FOR 80%CD COSTING	CW
4.	2023.03.24	ISSUED FOR 40%CD	CW
3.	2023.02.10	ISSUED FOR 100%DD	CW
2.	2023.01.20	ISSUED FOR IT REVIEW	CW
1.	2022.11.30	ISSUED FOR CLIENT REVIEW	CW
#	DATE	REVISION	BY



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YORK CLASSROOM RENEWAL Y3

York University, Keele Campus

PHASE 2

BUILDING NAME: SINGLE LINE DIAGRAMS

BUILDING NUMBER:

CLASSROOM TYPE:

CLASSROOM NUMBER:

Scale: NOT TO SCALE

Drawn by: CW

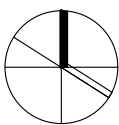
Reviewed by: BD/TWS

Job number: ED-22-764

Plot date: 2022.11.03

Drawing number:

E400-005



ELECTRICAL PANELBOARD SCHEDULE (BETHUNE)													
PANEL ID: PANEL "3LC"				VOLTS: 120/208V				LOCATION: ELEC. ROOM #327					
MAIN BUS: 100A				PHASE: 3				FED FROM: EXISTING 'DP-F3'					
MAIN BREAKER: 100A/3P				WIRE:4				FEEDER ENTRY AT: TOP					
TYPE:				MOUNTING: SURFACE				FEEDER: REFER TO SINGLE LINE					
INTERRUPTING CAPACITY: 10 KA MIN.				ENCLOSURE RATING:				REMARKS: NEW PANEL					
CIR NO.	DESCRIPTION	WATTAGE			BRK R	Ø	BRK R	WATTAGE			DESCRIPTION	CIR NO.	
		ØA	ØB	ØC				ØA	ØB	ØC			
1	322 - PDO	500	-	-	15	A	20	500	-	-	322 - PROJECTOR	2	
3	322 - FLOOR REC.	-	1000	-	20	B	20	-	1500	-	322 - PODIUM REC	4	
5	322 - RECEPT	-	-	1000	15	C	15	-	-	1000	322 - RECEPT	6	
7	322 - RECEPT	1000	-	-	20	A	15	500	-	-	323 - PROJ. SCR.	8	
9	323 - PROJECTOR	-	500	-	20	B	20	-	1500	-	323 - PODIUM REC	10	
11	323 - RECEPT	-	-	1000	20	C	20	-	-	1000	323 - RECEPT	12	
13	323 - RECEPT	1000	-	-	15	A	15	1000	-	-	323 - RECEPT	14	
15	323 - PDO	-	500	-	15	B	20	-	-	-	SPARE BREAKER	16	
17	SPARE BREAKER	-	-	-	20	C	20	-	-	-	SPARE BREAKER	18	
19	SPARE BREAKER	-	-	-	20	A	15	-	-	-	SPARE BREAKER	20	
21	SPARE BREAKER	-	-	-	15	B	15	-	-	-	SPARE BREAKER	22	
23	SPARE BREAKER	-	-	-	15	C	15	-	-	-	SPARE BREAKER	24	
25	SPARE BREAKER	-	-	-	15	A	15	-	-	-	SPARE BREAKER	26	
27	SPARE BREAKER	-	-	-	15	B	-	-	-	-		28	
29		-	-	-		C	-	-	-	-		30	
31		-	-	-		A	-	-	-	-		32	
33		-	-	-		B	-	-	-	-		34	
35		-	-	-		C	-	-	-	-		36	
37		-	-	-		A	-	-	-	-		38	
39		-	-	-		B	-	-	-	-		40	
41		-	-	-		C	-	-	-	-		42	
TOTAL ØA: ____W , TOTAL ØB: ____W , TOTAL ØC: ____W													

ELECTRICAL PANELBOARD SCHEDULE (MCLAUGHLIN)													
PANEL ID: PANEL 'RP-2G' (TUB 2)					VOLTS: 120/208V					LOCATION: JANITOR ROOM #222			
MAIN BUS: 200A					PHASE: 3					FED FROM: EXISTING 'DP-1'			
MAIN BREAKER: 200A/3P					WIRE:4					FEEDER ENTRY AT: TOP			
TYPE:					MOUNTING: SURFACE					FEEDER: REFER TO FLOOR PLANS			
INTERRUPTING CAPACITY: 10 KA MIN.					ENCLOSURE RATING:					REMARKS: NEW PANEL			
CIR. NO.	DESCRIPTION	WATTAGE			BRK R	Ø	BRK R	WATTAGE			DESCRIPTION	CIR. NO.	
		ØA	ØB	ØC				ØA	ØB	ØC			
43	215 - RECEPT	1000	-	-	20	A	20	1500	-	-	215 - RECEPT	44	
45	215 - RECEPT	-	1000	-	20	B	20	-	1000	-	215 - RECEPT	46	
47	216 - PDO	-	-	500	15	C	20	-	-	1500	216 - RECEPT	48	
49	216 - RECEPT	1000	-	-	20	A	20	1500	-	-	216 - RECEPT	50	
51	216 - RECEPT	-	1000	-	15	B	15	-	1000	-	216 - RECEPT	52	
53	SPARE BREAKER	-	-	-	20	C	20	-	-	-	SPARE BREAKER	54	
55	SPARE BREAKER	-	-	-	20	A	20	-	-	-	SPARE BREAKER	56	
57	SPARE BREAKER	-	-	-	15	B	15	-	-	-	SPARE BREAKER	58	
59	SPARE BREAKER	-	-	-	15	C	15	-	-	-	SPARE BREAKER	60	
61	SPARE BREAKER	-	-	-	15	A	15	-	-	-	SPARE BREAKER	62	
63	SPARE BREAKER	-	-	-	15	B	15	-	-	-	SPARE BREAKER	64	
65		-	-	-		C		-	-	-		66	
67		-	-	-		A		-	-	-		68	
69		-	-	-		B		-	-	-		70	
71		-	-	-		C		-	-	-		72	
73		-	-	-		A		-	-	-		74	
75		-	-	-		B		-	-	-		76	
77		-	-	-		C		-	-	-		78	
79		-	-	-		A		-	-	-		80	
81		-	-	-		B		-	-	-		82	
83		-	-	-		C		-	-	-		84	
TOTAL ØA: ____W, TOTAL ØB: ____W, TOTAL ØC: ____W													

ELECTRICAL PANELBOARD SCHEDULE (BETHUNE)													
PANEL ID: PANEL 'RP-2LC'				VOLTS: 120/215V				LOCATION: TELECOM ROOM #222					
MAIN BUS: 100				PHASE: 3				FED FROM: EXISTING PANEL 'DP-F4'					
MAIN BREAKER: 100A/3P				WIRE:4				FEEDER ENTRY AT: TOP					
TYPE:				MOUNTING: SURFACE				FEEDER: REFER TO SINGLE LINE					
INTERRUPTING CAPACITY: 10 KA MIN.				ENCLOSURE RATING:				REMARKS: NEW PANEL					
CIR NO.	DESCRIPTION	WATTAGE			BRK R	Ø	BRK R	WATTAGE			DESCRIPTION	CIR NO.	
		ØA	ØB	ØC				ØA	ØB	ØC			
1	215 - PROJ. SCR.	500	-	-	15	A	15	500	-	-	215 - PDO	2	
3	215 - PROJECTOR	-	500	-	20	B	20	-	1000	-	215 - RECEPT	4	
5	215 - RECEPT	-	-	1000	20	C	20	-	-	1500	215 - PODIUM REC	6	
7	215 - RECEPT	1000	-	-	15	A	15	1000	-	-	215 - RECEPT	8	
9	215 - RECEPT	-	1000	-	15	B	15	-	1000	-	215 - RECEPT	10	
11	215 - RECEPT	-	-	1000	15	C	15	-	-	1000	215 - RECEPT	12	
13	225 - PDO	500	-	-	15	A	20	1500	-	-	225 - RECEPT	14	
15	225 - RECEPT	-	1000	-	20	B	20	-	1500	-	225 - RECEPT	16	
17	225 - RECEPT	-	-	1000	20	C	15	-	-	500	230 - PROJ. SCR.	18	
19	230 - PDO	500	-	-	15	A	20	500	-	-	230 - PROJECTOR	20	
21	230 - RECEPT	-	1000	-	20	B	20	-	1500	-	230 - PODIUM REC	22	
23	230 - RECEPT	-	-	1000	15	C	15	-	-	1000	230 - RECEPT	24	
25	230 - RECEPT	1000	-	-	15	A	15	1000	-	-	230 - RECEPT	26	
27	230 - RECEPT	-	1000	-	15	B	15	-	-	1000	230 - RECEPT	28	
29	SPARE BREAKER	-	-	-	20	C	20	-	-	-	SPARE BREAKER	30	
31	SPARE BREAKER	-	-	-	20	A	20	-	-	-	SPARE BREAKER	32	
33	SPARE BREAKER	-	-	-	15	B	15	-	-	-	SPARE BREAKER	34	
35	SPARE BREAKER	-	-	-	15	C	15	-	-	-	SPARE BREAKER	36	
37	SPARE BREAKER	-	-	-	15	A	15	-	-	-	SPARE BREAKER	38	
39	SPARE BREAKER	-	-	-	15	B	15	-	-	-	SPARE BREAKER	40	
41		-	-	-		C		-	-	-		42	
TOTAL ØA: ____W, TOTAL ØB: ____W, TOTAL ØC: ____W													

ELECTRICAL PANELBOARD SCHEDULE (MCLAUGHLIN)													
PANEL ID: PANEL 'RP-2G' (TUB 1)				VOLTS: 120/208V				LOCATION: JANITOR ROOM #222					
MAIN BUS: 200A				PHASE: 3				FED FROM: EXISTING 'DP-1'					
MAIN BREAKER: 200A/3P				WIRE:4				FEEDER ENTRY AT: TOP					
TYPE:				MOUNTING: SURFACE				FEEDER: REFER TO FLOOR PLANS					
INTERRUPTING CAPACITY: 10 KA MIN.				ENCLOSURE RATING:				REMARKS: NEW PANEL					
CIR NO.	DESCRIPTION	WATTAGE			BRK R	Ø	BRK R	WATTAGE			DESCRIPTION	CIR NO.	
		ØA	ØB	ØC				ØA	ØB	ØC			
1	211 - PDO	500	-	-	15	A	20	1000	-	-	211 - RECEPT	2	
3	211 - PROJECTOR	-	500	-	20	B	20	-	1000	-	211 - RECEPT	4	
5	211 - PODIUM REC	-	-	1500	20	C	15	-	-	1000	211 - RECEPT	6	
7	211 - RECEPT	1000	-	-	15	A	15	1000	-	-	211 - RECEPT	8	
9	211 - RECEPT	-	1000	-	15	B	15	-	500	-	212 - PDO	10	
11	212 - RECEPT	-	-	1000	20	C	20	-	-	500	211 - PROJECTOR	12	
13	212 - RECEPT	1000	-	-	20	A	20	1500	-	-	211 - PODIUM REC	14	
15	212 - RECEPT	-	1000	-	15	B	15	-	1000	-	212 - RECEPT	16	
17	212 - RECEPT	-	-	1000	15	C	15	-	-	1000	212 - RECEPT	18	
19	213 - PDO	500	-	-	15	A	20	1000	-	-	213 - RECEPT	20	
21	213 - PROJECTOR	-	500	-	20	B	20	-	1000	-	213 - RECEPT	22	
23	213 - PODIUM REC	-	-	1500	20	C	15	-	-	1000	213 - RECEPT	24	
25	213 - RECEPT	1000	-	-	15	A	15	1000	-	-	213 - RECEPT	26	
27	213 - RECEPT	-	1000	-	15	B	15	-	1000	-	213 - RECEPT	28	
29	213 - RECEPT	-	-	1000	15	C	15	-	-	500	214 - PDO	30	
31	214 - RECEPT	1000	-	-	20	A	20	500	-	-	214 - PROJECTOR	32	
33	214 - RECEPT	-	1000	-	20	B	20	-	1500	-	214 - PODIUM REC	34	
35	214 - RECEPT	-	-	1000	15	C	15	-	-	1000	214 - RECEPT	36	
37	214 - RECEPT	1000	-	-	15	A	15	1000	-	-	214 - RECEPT	38	
39	214 - RECEPT	-	1000	-	15	B	15	-	1000	-	214 - RECEPT	40	
41	215 - PDO	-	-	500	15	C	20	-	-	1500	215 - RECEPT	42	
TOTAL ØA: ____ W, TOTAL ØB: ____ W, TOTAL ØC: ____ W													