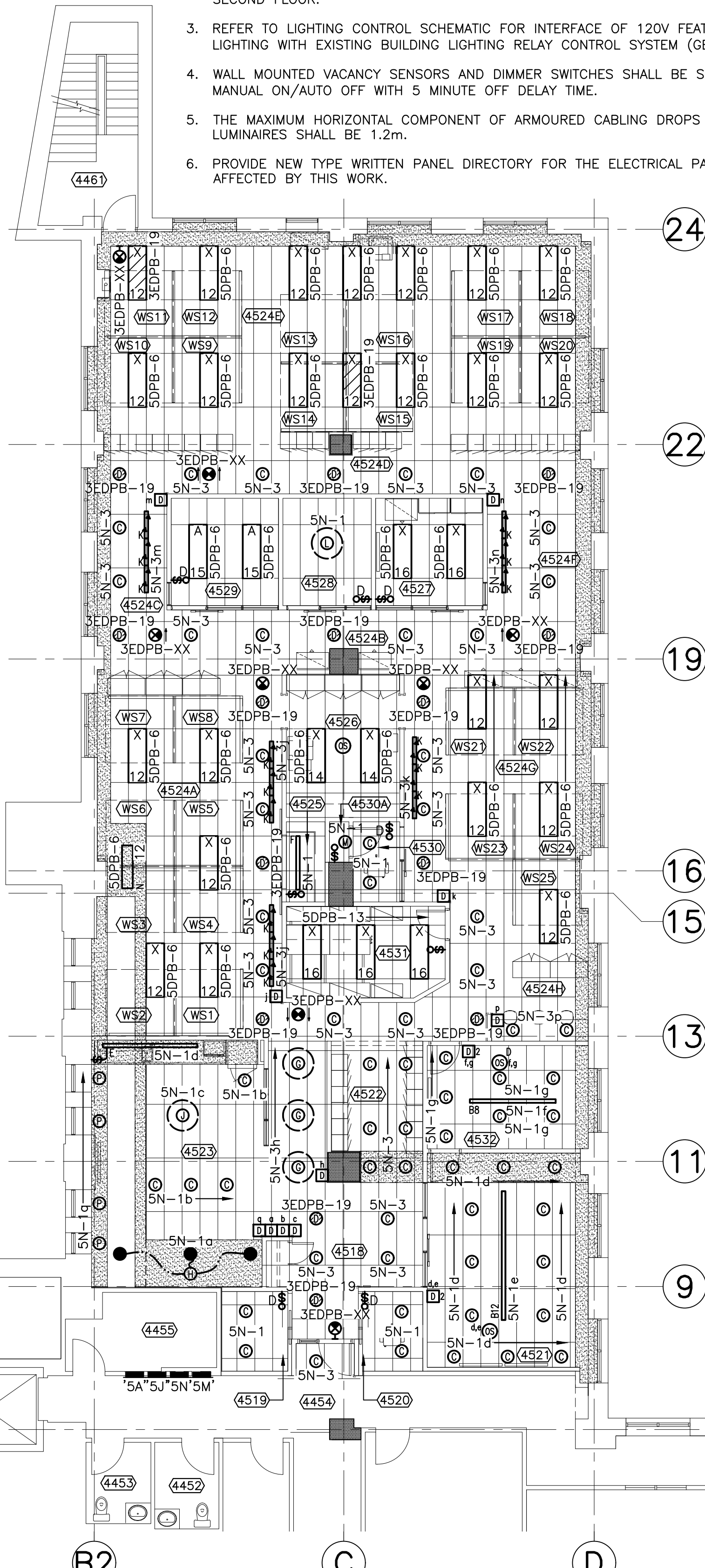


GENERAL NOTES - MODIFICATIONS:

1. ALL LUMINAIRES SHALL BE FED FROM EXISTING 347V LIGHTING PANEL LOCATED IN ROOM 4486. CIRCUIT NUMBERS AND RELAY NUMBERS SHOWN ARE FOR CLARIFICATION ONLY. EXACT CIRCUIT/RELAY NUMBERS SHALL BE DETERMINED ON SITE. REUSE EXISTING BREAKERS AND RELAYS. PROVIDE NEW RELAYS AS REQUIRED.
2. ALL EMERGENCY/NIGHT LIGHT LUMINAIRES AND EXIT SIGNS SHALL BE CONNECTED TO EXISTING CIRCUITS IN EMERGENCY PANEL '3EDPB' LOCATED ON SECOND FLOOR.
3. REFER TO LIGHTING CONTROL SCHEMATIC FOR INTERFACE OF 120V FEATURE LIGHTING WITH EXISTING BUILDING LIGHTING RELAY CONTROL SYSTEM (GE).
4. WALL MOUNTED VACANCY SENSORS AND DIMMER SWITCHES SHALL BE SET FOR MANUAL ON/AUTO OFF WITH 5 MINUTE OFF DELAY TIME.
5. THE MAXIMUM HORIZONTAL COMPONENT OF ARMoured CABLING DROPS TO LUMINAIRES SHALL BE 1.2m.
6. PROVIDE NEW TYPE WRITTEN PANEL DIRECTORY FOR THE ELECTRICAL PANEL AFFECTED BY THIS WORK.

ROOM #	NAMES
4451	KITCHEN
4452	W/R
4453	W/R
4454	CORRIDOR
4455	TEL DATA
4468	LAN
4518	ENTRANCE
4519	PRIVATE ROOM
4520	PRIVATE ROOM
4521	MEDIUM MEETING RM
4522	PERSONAL TOWERS
4523	LOUNGE CAFE
4524A	OPEN OFFICE
4524B	CORRIDOR
4524C	CORRIDOR
4524D	CORRIDOR
4524E	OPEN OFFICE
4524F	CORRIDOR
4524G	OPEN OFFICE
4524H	HOTELLING STATION
4525	STORAGE CLOSET
4526	EQUIP. & MAILING
4527	OFFICE
4528	HUDDLE ROOM
4529	HUDDLE ROOM
4530	PRIVATE ROOM
4530A	SECURITY CLOSET
4531	FILE ROOM
4532	SMALL MEETING RM



4TH FLOOR MODIFICATION FLOOR PLAN - LIGHTING

SCALE : 1:100

LEGEND - LIGHTING - MODIFICATIONS

- EXISTING TROFFER WITH LED LAMPS IN NEW LOCATION. HATCHING DENOTES LUMINAIRE CONNECTED TO EMERGENCY PANEL 3EDPB-19. PANEL AND CIRCUIT TO BE VERIFIED ON SITE. INSIDE LETTER AND NUMBER DENOTES TYPE & RELAY. OUTSIDE NUMBER INDICATES CIRCUIT NUMBER.
- SUSPENDED DIRECT/INDIRECT LED LUMINAIRE
- SUSPENDED LED TRACK LUMINAIRE
- SUSPENDED DIRECT/INDIRECT DECORATIVE LED LUMINAIRE. LETTER DENOTES TYPE
- RECESSED DOWNLIGHT. HATCHING DENOTES CONNECTION TO EMERGENCY PANEL 3EDPB-19. LETTER DENOTES TYPE
- GREEN LED "RUNNING MAN" EXIT SIGN, CEILING MOUNT OR WALL MOUNTED AS INDICATED, NUMBER OF FACES AND DIRECTIONAL ARROWS AS SHOWN. REFER TO LUMINAIRE SCHEDULE.
- LOW VOLTAGE SWITCH MOUNT ON/OFF AND RAISE/LOWER SINGLE CHANNEL WALL POD
- LOW VOLTAGE SWITCH MOUNT ON/OFF AND RAISE/LOWER TWO CHANNEL WALL POD
- WALL OR CEILING MOUNTED LINE VOLTAGE, STANDARD RANGE, 360° PIR OCCUPANCY SENSOR
- CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH AUTOMATIC DIMMING CONTROL
- WALL MOUNTED PIR OCCUPANCY SENSOR WITH AUTOMATIC DIMMING CONTROL AND CEILING BRACKET
- SWITCH MOUNTED PIR OCCUPANCY SENSOR
- SWITCH MOUNTED DIMMABLE PIR OCCUPANCY SENSOR
- EXISTING RECESSED MOUNTED PANELBOARD TO REMAIN
- INDICATES DEVICE IN RELOCATED LOCATION
- INDICATES EXISTING DEVICE TO REMAIN

LIGHTING LEGEND

SCALE : N.T.S.

SPECIFIC NOTES:

- FLOOR MOUNTED, 2 CHANNEL (POWER & COMMUNICATIONS) CONNECTRAC GO WIREWAY.
- REFER TO DETAIL ON DRAWING E-3 FOR WALL BOX REQUIREMENTS FOR THIS AREA.
- THIS RECEPTACLE SHALL BE INSTALLED IN TWO-GANG BACKBOX TO INCLUDE RECEPTACLE AND 5 MINUTE ROTARY TIMER WITHOUT HOLD DEDICATED FOR A TOASTER.
- PROVIDE ALL REQUIRED CONDUIT, WIRING AND BOXES NECESSARY TO CONNECT CARD READER AND PERIPHERAL COMPONENTS TO EXISTING SECURITY SYSTEM. REFER TO DRAWING E-3 FOR DETAILS.
- PROVIDE ALL REQUIRED CONDUIT, WIRING AND BOXES NECESSARY FOR A COMPLETE AND WORKING SIGNALING CHIME SYSTEM.
- PROVIDE 53mm EMPTY CONDUIT FROM ACCESSIBLE CEILING SPACE TO COMMUNICATIONS CHANNEL IN SURFACE MOUNTED RACEWAY. BUSH BOTH ENDS AND BOND END IN ACCESSIBLE CEILING SPACE. PROVIDE NYLON FISH CORD.
- EXISTING HEAT PUMP TO BE RELOCATED BY MECHANICAL CONTRACTOR. DISCONNECT EXISTING FEEDER TO FACILITATE RELOCATION.
- NEW LOCATION OF EXISTING RELOCATED HEAT PUMP. EXTEND EXISTING FEEDER AS REQUIRED TO NEW LOCATION AND CONNECT. NEW FEEDER TO MATCH EXISTING. EXISTING SAFETY SWITCH SHALL BE RE-USED.
- NEW HEAT PUMP TO BE INSTALLED BY MECHANICAL CONTRACTOR. 9 BA MCA 208V/1A. FEED HEAT PUMP FROM A NEW DEDICATED 20A-2P IN EXISTING PANEL '5M' USING 2#12 + 1#12 BOND IN 16mm CONDUIT. PROVIDE NEW LOCAL SAFETY SWITCH AND CONNECT.

4TH FLOOR MODIFICATION FLOOR PLAN - SYSTEMS

SCALE : 1:100

LEGEND - SYSTEMS - MODIFICATIONS

- ON FLOOR WIREWAY FLOOR BOX MOUNTED TO TOP OF GO WIREWAY SYSTEM
- FLUSH MOUNTED WALL BOX, TYPE AS INDICATED. 8-GANG, SHEET METAL CONSTRUCTION BOX BODY, MOUNTING BRACKETS, TUNNELS, TRIM FLANGE AND DECORATIVE COVER. MOUNTING HEIGHT AS INDICATED
- NEW FIRE ALARM SYSTEM WALL MOUNTED MANUAL PULL STATION. CONNECT TO NEAREST DEVICE
- NEW FIRE ALARM SYSTEM FLUSH MOUNTED CEILING STROBE LIGHT
- NEW FIRE ALARM SYSTEM FLUSH MOUNTED CEILING SPEAKER
- NEW SOUND MASKING SPEAKER CHAIN HUNG IN ACCESSIBLE CEILING SPACE
- NEW SECURITY/DOOR ACCESS SYSTEM CARD READER, FLUSH MOUNTED 1070mm A.F.F. PROVIDE 19mm EMPTY CONDUIT AND NYLON PULL STRING
- FIRE ALARM SYSTEM BOOSTER POWER SUPPLY TIE INTO NEAREST FIRE ALARM SYSTEM SIGNALING DEVICE, ALLOW 40m OF CONDUCTOR
- ELECTRIC STRIKE
- JUNCTION BOX
- NEW SIGNALLING SYSTEM WALL MOUNTED CHIME, MOUNTED 2100mm A.F.F.
- NEW SIGNALLING SYSTEM WALL MOUNTED DOOR CHIME PUSHBUTTON, FLUSH MOUNTED 915mm A.F.F.
- NEW POWER ACTIVATED DOOR PUSHBUTTON, SUPPLIED BY DOOR HARDWARE SUPPLIER, WIRED BY ELECTRICAL CONTRACTOR, FLUSH MOUNTED 915mm A.F.F.
- COMMUNICATIONS CABLE TRAY 300mm WIDE BY 100mm DEEP
- EXISTING RECESSED MOUNTED PANELBOARD, MODIFIED AS INDICATED
- SPECIFIC NOTE ON SAME DRAWING
- INDICATES EXISTING DEVICE TO REMAIN

SYSTEMS LEGEND

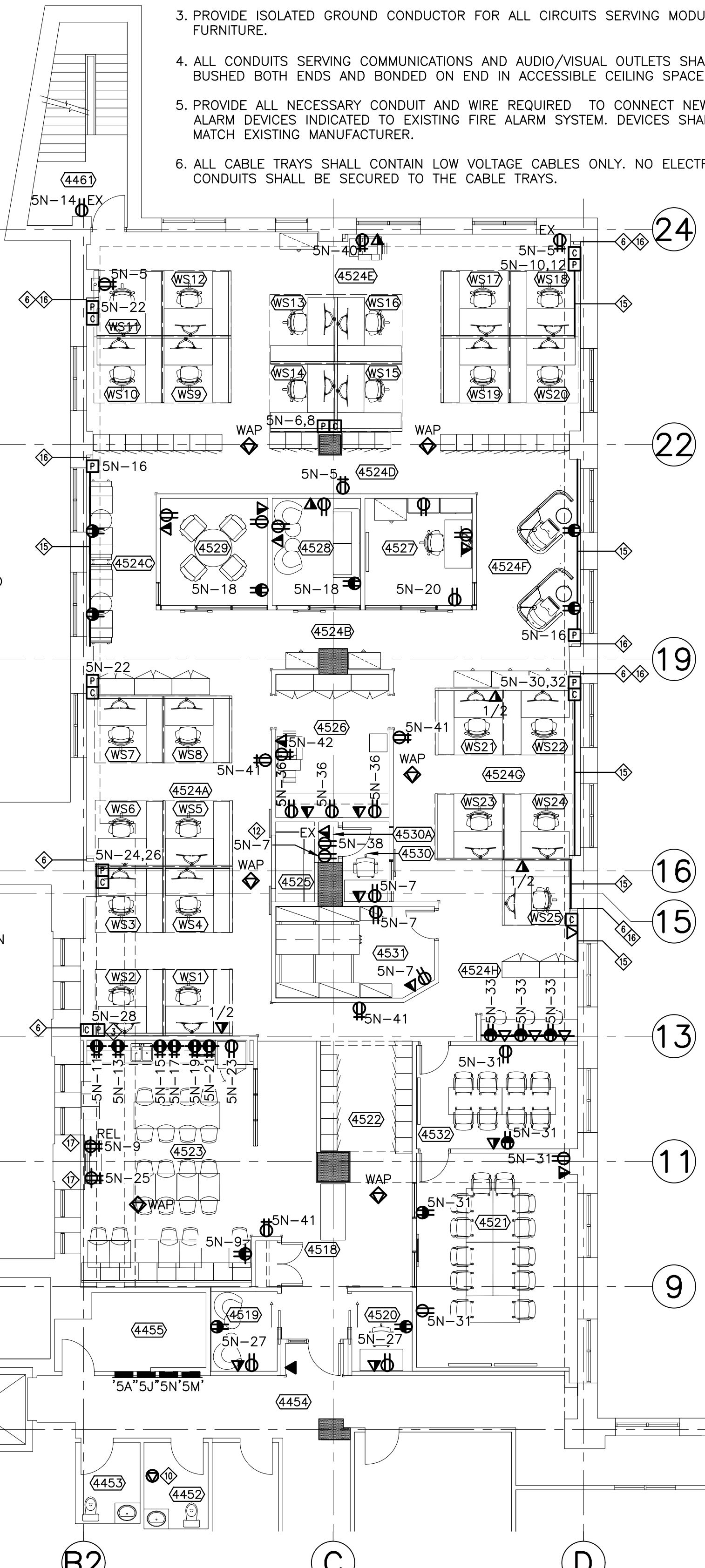
SCALE : N.T.S.

GENERAL NOTES - MODIFICATIONS:

1. PROVIDE ALL REQUIRED CONDUIT, WIRING, WIRING DEVICES AND BOXES TO MEET NEW LAYOUT. PROVIDE NEW BREAKERS IN EXISTING PANEL '5N' TO REMAIN AS REQUIRED.
2. PROVIDE SEPARATE NEUTRAL CONDUCTORS FOR EACH CIRCUIT. DO NOT USE COMMON NEUTRAL CONDUCTORS.
3. PROVIDE ISOLATED GROUND CONDUCTOR FOR ALL CIRCUITS SERVING MODULAR FURNITURE.
4. ALL CONDUITS SERVING COMMUNICATIONS AND AUDIO/VISUAL OUTLETS SHALL BE BUSHED BOTH ENDS AND BONDED ON END IN ACCESSIBLE CEILING SPACE.
5. PROVIDE ALL NECESSARY CONDUIT AND WIRE REQUIRED TO CONNECT NEW FIRE ALARM DEVICES INDICATED TO EXISTING FIRE ALARM SYSTEM. DEVICES SHALL MATCH EXISTING MANUFACTURER.
6. ALL CABLE TRAYS SHALL CONTAIN LOW VOLTAGE CABLES ONLY. NO ELECTRICAL CONDUITS SHALL BE SECURED TO THE CABLE TRAYS.

SPECIFIC NOTES (CONTINUED):

- APPROXIMATE LOCATION OF NEW DHW RECIRCULATION PUMP. 90W 120V/1A. CONNECT TO CIRCUIT 5N-35 USING 2#12 + 1#12 BOND IN 16mm CONDUIT WIRED THRU LOCAL MOTOR RATED SWITCH AND CONNECT.
- LOCATION OF NEW SMOKE DAMPER ENCLOSURES. PROVIDE 120V TO ENCLOSURE FROM CIRCUIT 5N-35. IN ADDITION, PROVIDE ALL REQUIRED CONDUIT, WIRE AND MODULES TO CONNECT ENCLOSURE TO EXISTING FIRE ALARM SYSTEM (ACTUATOR AND DUCT SMOKE DETECTOR).
- RECEPTACLE FOR SOUND MASKING. CONFIRM EXACT MOUNTING HEIGHT PRIOR TO COMMENCEMENT OF WORK.
- AT THIS LOCATION, PROVIDE A FLUSH MOUNTED SINGLE GANG BACKBOX FOR INTRUSION ALARM KEYPAD AT 1372mm A.F.F. C/W 21mm EMPTY CONDUIT WITH NYLON FISH CORD TO ACCESSIBLE CEILING SPACE.
- COORDINATE EXACT LOCATION OF CABLE TRAY WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
- NEW TWO (2) CHANNEL SURFACE MOUNTED RACEWAY (POWER AND COMMUNICATIONS) TO SERVE MODULAR FURNITURE.
- NEW BUILD OUT FOR ROUTING OF POWER AND COMMUNICATIONS CONDUITS TO SURFACE MOUNTED RACEWAY.
- COFFEE MACHINE OUTLET. VERIFY EXACT MOUNTING HEIGHT PRIOR TO COMMENCEMENT OF WORK.



4TH FLOOR MODIFICATION FLOOR PLAN - POWER & COMMUNICATIONS

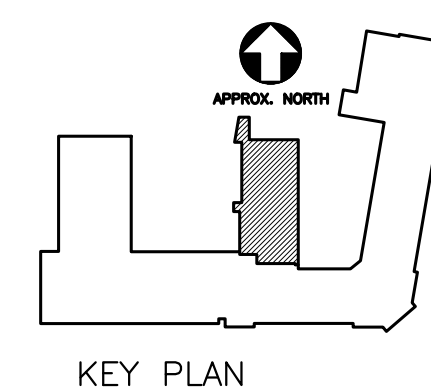
SCALE : 1:100

LEGEND - POWER & COMMUNICATIONS - MODIFICATIONS

- NEW 5-15R 15A 125V DUPLEX RECEPTACLE, STANDARD MOUNTING HEIGHT AND MOUNTED ABOVE COUNTER. NUMBER INDICATES QUANTITY OF RECEPTACLES IN COMMON BACKBOX
- NEW 5-20R 20A 125V DUPLEX RECEPTACLE, STANDARD MOUNTING HEIGHT AND MOUNTED ABOVE COUNTER
- NEW 5-20R 20A 125V GROUND FAULT CIRCUIT INTERRUPTER TYPE DUPLEX RECEPTACLE, MOUNTED ABOVE COUNTER
- NEW 5-15R 15A 125V DUPLEX RECEPTACLE c/w TWO (2) USB CHARGING PORTS, TYPE A AND C, STANDARD MOUNTING HEIGHT AND MOUNTED ABOVE COUNTER
- NEW 120V OR 208V DIRECT CONNECTION
- NEW 100mmx100mm COMMUNICATIONS BACKBOX c/w SINGLE GANG TILE RING TO MATCH WALL THICKNESS. 21mm BONDED & BUSHED EMPTY CONDUIT TO ACCESSIBLE CEILING SPACE WITH NYLON FISH CORD, STANDARD MOUNTING HEIGHT AND MOUNTED ABOVE COUNTER. NUMBERS DENOTE QUANTITY OF DEVICES
- NEW 100mmx100mm TELEPHONE BACKBOX c/w SINGLE GANG TILE RING TO MATCH WALL THICKNESS. 21mm BONDED & BUSHED EMPTY CONDUIT TO ACCESSIBLE CEILING SPACE WITH NYLON FISH CORD, STANDARD MOUNTING HEIGHT AND MOUNTED ABOVE COUNTER. NUMBER DENOTES QUANTITY OF DEVICES
- NEW 100mmx100mm DATA BACKBOX c/w SINGLE GANG TILE RING TO MATCH WALL THICKNESS. 21mm BONDED & BUSHED EMPTY CONDUIT TO ACCESSIBLE CEILING SPACE WITH NYLON FISH CORD, STANDARD MOUNTING HEIGHT AND MOUNTED ABOVE COUNTER. NUMBER DENOTES QUANTITY OF DEVICES
- NEW LOCATION OF WIRELESS ACCESS POINT, BACKBOX ONLY
- NEW 120V POWER WHIP CONNECTION TO MODULAR FURNITURE IN SURFACE MOUNTED RACEWAY. CIRCUIT AS INDICATED. CONFIRM EXACT LOCATION.
- NEW GROMMETTED OPENING IN SURFACE MOUNTED RACEWAY FOR CONVEYANCE OF COMMUNICATIONS CABLEING TO MODULAR FURNITURE. CONFIRM EXACT LOCATION.
- INDICATES DEVICE IN RELOCATED LOCATION

POWER & COMMUNICATIONS LEGEND

SCALE : N.T.S.



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MONCTON, NB

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