

date. 2024.10.11

project. Sherwood Library Renovation | 1225 Wonderland Rd N, London, ON

project no. 23-006

client. London Public Library – Sherwood Branch

pages. 48

This Addendum is issued before the award of Contract to inform the Contractor of certain modifications to the work described in the Drawings and Specifications dated September 18, 2024.

The contractor shall furnish all materials and labour required for completion of the work described including all incidental or necessary items required to complete the work even though not specifically mentioned.

item no.	REFER TO DESCRIPTION
1	Contractor/Sub-Trade Questions (Received by 2024.10.09)
PAINT QUESTIONS:	
1.1	<p>Question: Is Dulux - Life Master an approved equal to the specified paint by Sherwin Williams?</p> <p>RESPONSE: No. Upon review, the Dulux “Lifemaster” product is not consistent with the specified Gloss and Sheen percentages specified.</p>
WINDOW/GLAZING QUESTIONS:	
1.2	<p>Question: For the storefront, is Windspec 655 or Kawneer 451T acceptable?</p> <p>RESPONSE: At this time, please proceed with the base bid product. We are open to revisiting this question for review following the award of the contract.</p>
1.3	<p>Question: Is Nana Wall an approved equal to Falkbuilt?</p> <p>RESPONSE: At this time, please proceed with the base bid product. We are open to revisiting this question for review following the award of the contract.</p>
1.4	<p>Question: Is window film in contract?</p> <p>RESPONSE: Yes, window film shall be priced by the GC as noted on sheets A320 and A800</p>

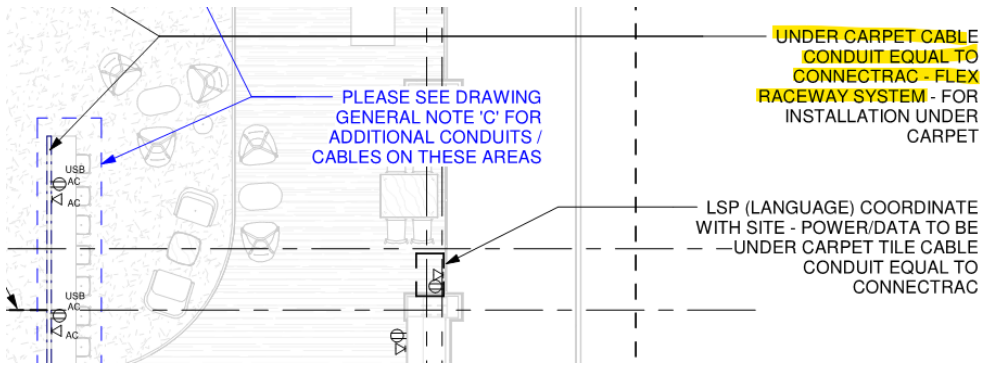


WALL ASSEMBLY QUESTIONS:	
1.5	<p>Question: Please confirm wall assembly type F0 along gridline 1.</p> <p>RESPONSE: F0 assembly is 5/8” gypsum board to 6” above ceiling.</p>
1.6	<p>Question: Please confirm that slotted deflection track is only required at assembly type P3F1. All other types, do not have drywall full height:</p> <p>RESPONSE: The GC shall confirm the deflection track requirements with the metal stud manufacturer, ensuring compliance based on the specified height and the construction assemblies provided.</p>
1.7	<p>Question: Please confirm that wall assembly types F1, F2, P3a are not used in the drawings.</p> <p>RESPONSE: F1 and P3a are not required and shall be removed. Use 2-1/2" metal studs for BH2.</p>
1.8	<p>Question: The temporary hoarding wall H1 indicates studs are to be full height (+/-14ft) , however detail C3 on AD200 indicates 11ft. Please confirm if studs need to be full height, and if 24inch o/c is acceptable.</p> <p>RESPONSE: Temporary Hoarding shall be constructed in the MAIN MALL CORRIDOR as per detail C3 / AD200. All other Temporary Hoarding Walls shall be full height.</p>
CEILING ASSEMBLY QUESTIONS:	
1.9	<p>Question: Please confirm that BH1 is not used.</p> <p>RESPONSE: BH1 assembly is not used and shall be removed.</p>
1.10	<p>Question: Please confirm Ceiling Assembly GB1 is not used.</p> <p>RESPONSE: GB1 assembly is not used and shall be removed.</p>
1.11	<p>Question: Is BH4/WG1 ceiling framing required to be engineered?</p> <p>RESPONSE: See installation instructions for complete requirements and performance standards outlined for the specified product.</p>
1.12	<p>Question: Are we to assume existing acoustic ceiling tile hangers can be reused?</p> <p>RESPONSE: No. See installation instructions for complete requirements and performance standards outlined for the specified product.</p>



FIRE ALARM QUESTIONS:	
1.13	<p>Question: Please confirm the brand of Fire Alarm System and monitoring company.</p> <p>RESPONSE: Classic Fire Life Safety for the system and Armstrong is the monitoring company.</p>
FLOORING QUESTIONS:	
1.14	<p>Question: Is American Biltrite Sonata Nordic Cherry 'Light Grey' (CNC-02) (Centura product #AMTCNC02) an acceptable alternative for LVT1?</p> <p>RESPONSE: Yes, American Biltrite Sonata Nordic Cherry 'Light Grey' (CNC-02) (Centura product #AMTCNC02) is an acceptable alternative.</p>
ELECTRICAL QUESTIONS:	
1.15	<p>Question: Lighting note 4, on E100 mentions type “A” motion sensor. Is that note referring to any lighting affected by motion sensors. Or Type “A” lighting fixtures controlled by motion sensors or a dimmer? Please clarify.</p> <p>RESPONSE: Occupancy Sensors are suggested for any isolated area including offices, rooms, meeting rooms etc. to enhance the building's energy efficiency – The main library hall can be controlled by switches by staff as indicated based on the library working hours.</p>
1.16	<p>Question: What brand/type of Smoke detectors and horn strobes will be required to match existing system? Are they to be added onto existing zones?</p> <p>RESPONSE: Match the existing at the library and the mall (it has to match the existing system) Zoning will be required for the smoke detectors inside in terms of addressing the entire mall or just the library. Zoning to be confirmed when existing system evaluated by the contractor.</p>
1.17	<p>Question: What does LSP mean on drawing E101 right hand side of drawing.</p> <p>RESPONSE: Library Settlement Partnership. The library settlement workers speak a variety of languages, and can help with common questions about moving to Canada.</p>
1.18	<p>Question: Is the data distribution tray existing?</p> <p>RESPONSE: The data distribution tray is new. Please see attached heavy gauge zinc plated wire mesh cable tray specification (Canadian Electrical Raceways Inc).</p>



<p>1.19</p>	<p>Question: On drawing E101, “power outlet spec” note A and B. Can you provide a spec on these so they can be priced accordingly. Also after looking at the drawings I cant tell which receptacles this is referring to? Can you please clarify?</p> <p>RESPONSE: Type A: Two Duplex Power/USB outlet EQUAL: DECORA CSA TYPE 5-15R, 120V 15A Type B: Remove.</p>
<p>1.20</p>	<p>Question: Is the electrical trade to rough in for power operated doors (push buttons) and provide power to openers? And the remainder, hardware and low volt wiring by others?</p> <p>RESPONSE: No power door operators/push buttons. Please refer to revision on E101, to provide card reader and associated back box and conduit to door D108.</p>
<p>1.21</p>	<p>Question: Is the electrical trade to rough in for security only? Wiring and devices by others?</p> <p>RESPONSE: See response to 1.14 above.</p>
<p>1.22</p>	<p>Question: On drawing E101, there is mention of “under carpet cable conduit”. I didn’t notice in the drawings anywhere about raised floors or any detail on it. Is the floor to be saw cut and carpeted over and still be accessible to the raceway? Can you please clarify.</p> <p>RESPONSE: As per the drawings, under carpet power and data is required. Connectrac “Flex Raceway System” has been specified:</p>  <p>See link for additional info: https://connectrac.com/connectrac-flex-raceway-system/</p>



<p>1.23</p>	<p>Question: Please advise communications cabling type including preferred or mandatory manufacturer if applicable.</p> <p>RESPONSE: All communication work to be completed by the owner. Contractor to supply and install all conduits and boxes with pull strings.</p>
<p>1.24</p>	<p>Question: Please advise communications racking requirements.</p> <p>RESPONSE: All communication work to be completed by the owner. Contractor to supply and install all conduits and boxes with pull strings.</p>
<p>1.25</p>	<p>Question: Please advise communications backbone requirements.</p> <p>RESPONSE: All communication work to be completed by the owner. Contractor to supply and install all conduits and boxes with pull strings.</p>
<p>1.26</p>	<p>Question: Please advise communications patching requirements.</p> <p>RESPONSE: All communication work to be completed by the owner. Contractor to supply and install all conduits and boxes with pull strings.</p>
<p>1.27</p>	<p>Question: Please confirm the following details from the luminaire schedule on drawing E100 for Type A&B: Please confirm the product width (2.25", 3.18", or 4.5")</p> <p>RESPONSE: 2.25"</p>
<p>1.28</p>	<p>Question: Please confirm the following details from the luminaire schedule on drawing E100 for Type A&B: Please confirm the lumen output (250lm/ft is minimum, 1200lm/ft is maximum, must be selected)</p> <p>RESPONSE: 900 lmn / ft fixtures</p>
<p>1.29</p>	<p>Question: Please confirm the following details from the luminaire schedule on drawing E100 for Type A&B: Please confirm the CCT required.</p> <p>RESPONSE: Please provide adjustable CCT lighting fixtures with a default set at 4000K</p>



<p>1.30</p>	<p>Question: Please confirm the following details from the luminaire schedule on drawing E100 for Type D: Please confirm the lumen output and CCT requirements.</p> <p>RESPONSE: 4000k</p>
<p>1.31</p>	<p>Question: Is there missing demolition drawings for the existing power and lighting that needs removed in the existing area? I don't see any demo scope on these electrical drawings.</p> <p>RESPONSE: BIM MEE REPLY - There is no Electrical Demolition Plan in place. The locations of all new switches and receptacles have been provided. The master electrician is responsible for rearranging the circuits during the demolition process.</p>
<p>1.32</p>	<p>Question: E100 Lighting Note 3 States: All lighting not on a motion sensor shall be interconnected to building security system though the use of a lighting contractor. When Building is armed, all lighting not on a motion sensor shall turn off. – The lighting drawing does not indicate where any lights are being switched from. Please confirm which lighting is being switched together and where the lighting is being switched from.</p> <p>RESPONSE: Please refer to revised LIGHTING NOTES on E100.</p> <div style="border: 2px dashed #e91e63; border-radius: 50%; padding: 20px; margin: 20px 0;"> <p><u>LIGHTING NOTES:</u></p> <ol style="list-style-type: none"> 1. CONNECT ALL EMERGENCY FIXTURES LINE SIDE OF LOCAL LIGHTING CIRCUIT. 2. CIRCUIT BREAKER HANDLE LOCK-OFF DEVICES SHALL BE PROVIDED FOR BREAKERS SERVING EXIT LIGHTING AND EMERGENCY LIGHTING CIRCUITS. 3. DIMMING WIRING NOT SHOWN. PROVIDE 0-10V WIRING BETWEEN ALL TYPE A OCCUPANCY SENSORS OR DIMMER SWITCHES AND CONTROLLED LIGHTING. 4. PROVIDE MANUFACTURER-APPROVED COMPATIBLE DIMMER SWITCHES WHERE INDICATED ON PLANS. THE DIMMER MUST BE COMPATIBLE WITH THE DRIVER AND LOADS AS SHOWN. 5. OCCUPANCY SENSORS SHALL BE LOCATED AT LEAST 6' FROM ALL DIFFUSER LOCATIONS. COORDINATE LOCATIONS WITH MECHANICAL. 6. PROVIDE SEPARATE NEUTRALS ON ALL DIMMERS. </div>



<p>1.33</p>	<p>Question: E100 Lighting Note 4 States: Dimming wiring not shown. Provide 0-10V dimming between all Type A motion sensor or dimmer switches and controlled lighting. – There is no Type A motion sensors or dimmer switches and controlled lighting shown anywhere on the drawings. Please confirm what lighting is being controlled by motion sensors, dimmer switches.</p> <p>RESPONSE: BIM MEE REPLY – Please review drawings for OS indicating Occupancy Sensors.</p>
<p>1.34</p>	<p>Question: Is there missing demolition drawings for the existing power and lighting that needs removed in the existing area? I don't see any demo scope on these electrical drawings. Is the data scope to be completed as part of this project or just the rough ins and the library will have their own data sub complete the work at a later date?</p> <p>RESPONSE: GC to install all required conduits and infrastructure for all security, data, pos, bas systems. Third party systems to be installed by others.</p>
<p>1.35</p>	<p>Question: Is there missing demolition drawings for the existing power and lighting that needs removed in the existing area? I don't see any demo scope on these electrical drawings. Drawing E101 shows a dashed line for “Data distribution – cable tray” in one location on the drawing and then shows “conduit in bulkhead” in another location. – There is no bulkhead shown on the reflected ceiling plan in the area of this dashed line. Is it safe to assume cable tray is to be installed above the T-BAR/GRID Ceiling? Is there a size of cable tray required or a spec to follow for this cable tray?</p> <p>RESPONSE: Correct. The cable tray shall be installed ABOVE the new T-BAR / GRID Ceiling.</p>
<p>1.36</p>	<p>Question: Some workstations are shown to be fed with connectrac back to columns and others are not. Is it safe to assume all free standing work stations in the open area are to be fed with connectrac raceway system?</p> <p>RESPONSE: For the freestanding table located between Gridlines E/F and 4/5, remove the AC/USB outlet. All others will be fed by Connectrac.</p>



<p>1.37</p>	<p>Question: No circuit numbers on the drawings/ Is there any panel schedule or any direction on receptacles per circuit?</p> <p>RESPONSE: Refer to existing building panels. Electrical contractor to re-circuit new lighting as per arrangements on panel A and panel B. Master electrician to recircuit and require the new lighting and new receptacles.</p>
<p>1.38</p>	<p>Question: The notes talk about light dimming and dimmer switches but there is no dimming marked on the prints. Is there any dimming?</p> <p>RESPONSE: All NEW light fixtures shall be dimmable.</p>
<p>1.39</p>	<p>Question: What make is the existing fire alarm system?</p> <p>RESPONSE: ALL questions related to the existing fire alarm system must be directed to Classic Fire Life Safety for the system and Armstrong is the monitoring company.</p>
<p>1.40</p>	<p>Question: Are there any spec`s or further info for the cable tray that is to be installed for the Data lines?</p> <p>RESPONSE: The data distribution tray is new. Please see attached heavy gauge zinc plated wile mesh cable tray specification (Canadian Electrical Raceways Inc).</p>
<p>1.41</p>	<p>Question: Electrical print E100, under lighting note # 4. Provide dimming between all type A motion sensors or dimmer switches and controlled lights. I don't see any dimmers on the prints, don't see any dimming controllers. There is no designation on the ceiling mounted motion sensors, nothing states which ones are type A. Do these notes apply to this job. If so please give further info to clarify.</p> <p>RESPONSE: Please look for "OS" on E100 for Occupancy Sensors locations.</p>



<p>1.42</p>	<p>Question: Please advise if the following products will be considered as approved equals to the specified luminaires on drawing E100. Type A & B – 3G Lighting Linea https://3glighting.com/File/Product/460/3G-2RLI.pdf https://3glighting.com/File/Product/506/3G-4RLI.pdf - Note: Need confirmation on luminaire width, specified lumens per foot, and colour temperature as this is not detailed in the luminaire schedule.</p> <p>RESPONSE: No, upon review, these products are not consistent with the specified fixtures.</p>
<p>1.43</p>	<p>Question: Please advise if the following products will be considered as approved equals to the specified luminaires on drawing E100. Type C – Cooper Lighting HCSQ6 https://www.cooperlighting.com/api/assets/v1/file/CLS/content/halocommercial-hcsq6-spec/HALO-Commercial-HCSQ-6-inch-Square-spec-sheet.pdf</p> <p>RESPONSE: No, upon review, these products are not consistent with the specified fixture.</p>
<p>1.44</p>	<p>Question: Drawing E101 notes a blue dashed line indicating 'Data distribution - Cable Tray' it later changes to 'Conduit in bulkhead'. The RCP does not show a bulkhead here. Please confirm if this is to be run free air above the ceiling, or if a cable tray should extent from the IT room all the way to the games room.</p> <p>RESPONSE: There is no conduit in the bulkhead, this note is to be removed.</p>
<p>1.45</p>	<p>Question: Is security (wiring, hardware, card readers, sensors, panels), data cabling, server racks, AV (projectors, screens, tv's, kiosks), POS system, by others?</p> <p>RESPONSE: GC to install all required conduits and infrastructure for all security, data, pos, bas systems. Third party systems to be installed by others.</p>
<p>1.46</p>	<p>Question: Is all trenching for the power and data lines, and under carpet Connectrac in contract?</p> <p>RESPONSE: Yes. Trenching and Connectrac shall be in contract items.</p>

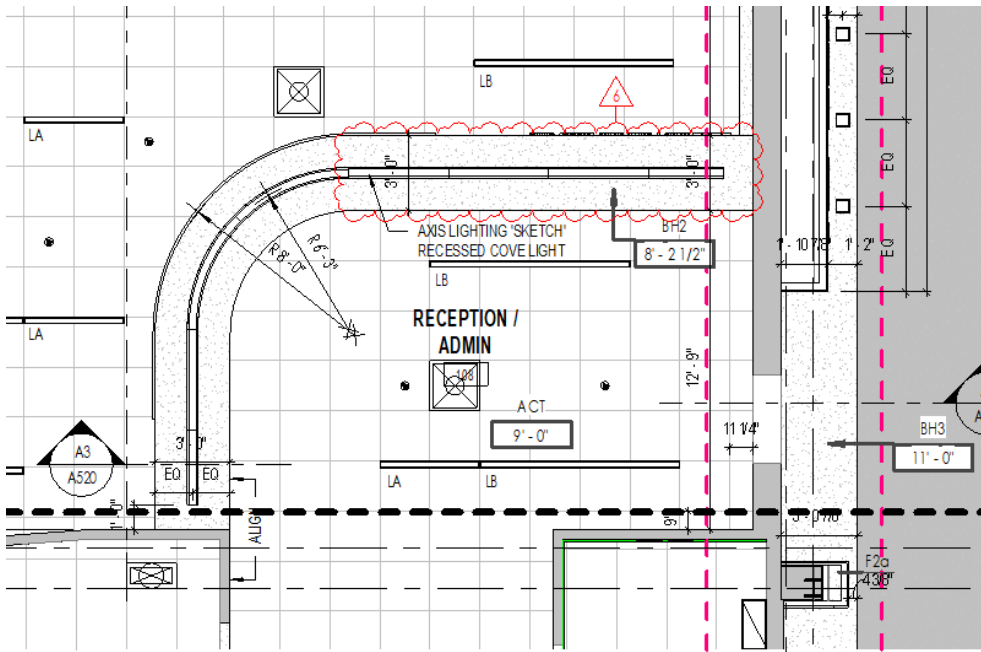


<p>1.47</p>	<p>Question: Please confirm that the controls by mechanical contractor are to be a new stand alone system, and no integrated systems testing is required.</p> <p>RESPONSE: There is no New RTU or new Fans for this project, please refer to sheet M002 MECHANICAL GENERAL NOTES (CONT). section 4.5 CONTROLS BY MECHANICAL CONTRACTOR.</p>
<p>STRUCTURAL QUESTIONS:</p>	
<p>1.48</p>	<p>Question: Can you please confirm if the height of the existing metal deck is 16ft?</p> <p>RESPONSE: Contractor to confirm on site.</p>
<p>1.49</p>	<p>Question: The diagonal shoring jacks on the exterior wall of Line 1 will bear past the sidewalk, into the asphalt area. The engineer will not permit it to bear on asphalt. Would it be acceptable to cut out the existing asphalt, and add a temporary footing along this wall, then repair the asphalt?</p> <p>RESPONSE: From a structural standpoint, this approach is acceptable. Alternatively, the contractor may submit stamped shoring drawings with support on the sidewalk. All exterior work must be coordinated with the base building owner, as these areas will remain active throughout construction.</p>
<p>1.50</p>	<p>Question: There five (5) receptacles shown on Dwg E101 that are unclear if they are under carpet Connectrac. They are located at the columns on gridline 6 @E&F and at the table noted as AC USB between gridlines 4&5 and E&F. Please clarify if these are in-floor or not.</p> <p>RESPONSE: The four receptacles indicated on Gridline 6 at E and F will be fed from the ceiling and installed within the furring walls around the existing column. Exact locations will be coordinated on-site with the owner after final furniture selection is made. For the freestanding table located between Gridlines E/F and 4/5, remove the AC/USB outlet.</p>

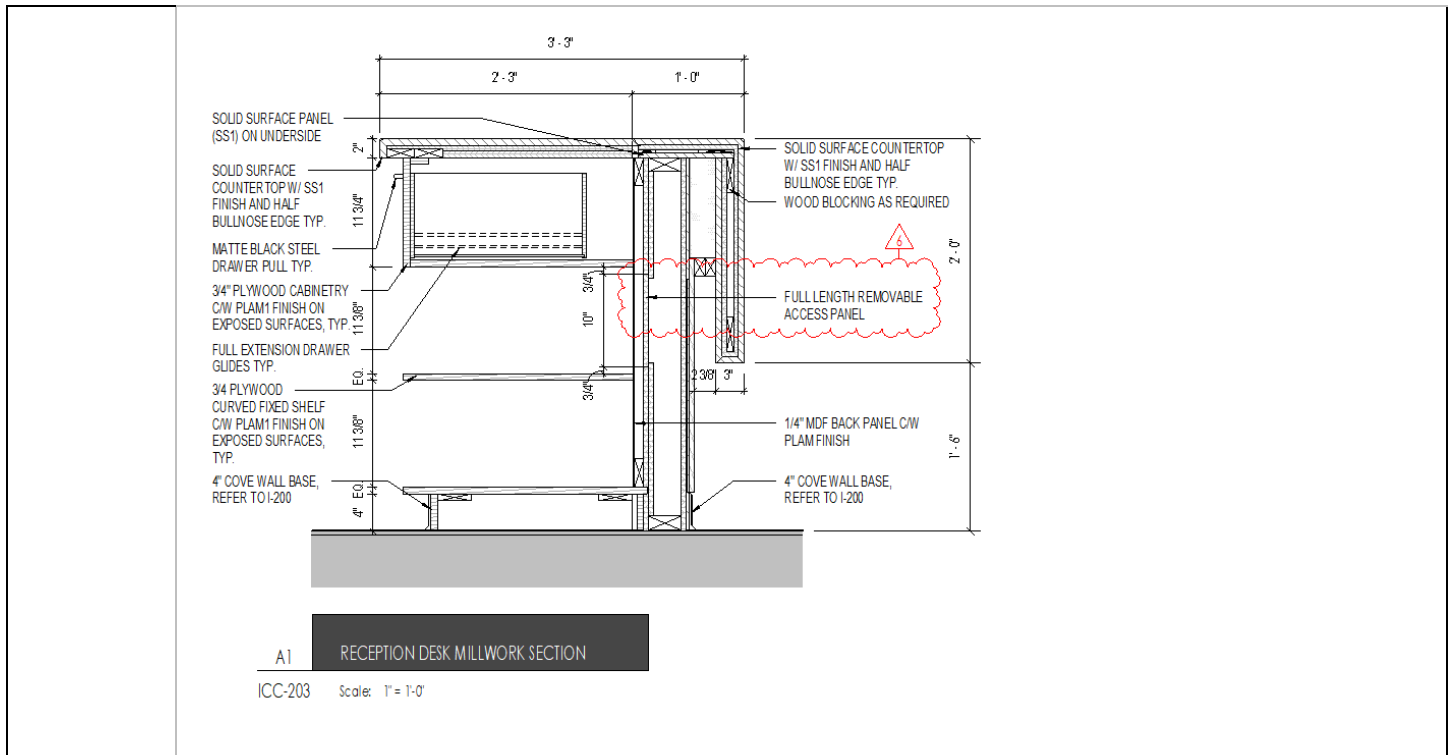


MECHANICAL QUESTIONS:	
1.51	<p>Question: Please advise if there is a preferred sprinkler contractor for this project.</p> <p>RESPONSE: Classic Fire Life Safety for the system and Armstrong is the monitoring company</p>
OTHER QUESTIONS:	
1.52	<p>Question: Is it possible to get an extension on the tender closing? There is not much time to react to a forthcoming addendum between the question deadline and the tender closing with the holiday Monday.</p> <p>RESPONSE: No. This date was previously modified to provide additional time after the holiday.</p>
1.53	<p>Question: Can you please confirm the height of the existing block wall along GL-1?</p> <p>RESPONSE: Contractor to confirm on site.</p>
1.54	<p>Question: Is there a drawing A801?</p> <p>RESPONSE: Drawing A801 is NOT included as part of this set.</p>
1.55	<p>Question: Is the projector screen in contract? If so, please provide a specification.</p> <p>RESPONSE: The projector screen is not in contract.</p>
1.56	<p>Question: Please confirm if any abatement work is covered under allowance.</p> <p>RESPONSE: Yes, abatement work is covered. Please see Volume 1 of the specifications, section 1.2 “SPECIFIC PURPOSE CASH ALLOWANCES”.</p>
1.57	<p>Question: Please confirm if there is any sprayed insulation scope for this project. It is listed in specifications, but nothing is shown on drawings.</p> <p>RESPONSE: ALL new openings in the exterior wall, including but not limited to the new windows and book drop, shall require sprayed insulation within the shim space to ensure a continuous air/vapour barrier.</p>



<p>2</p>	<p>Architectural Drawings Addendum #2 dated 2024.10.10 (3 pages) have regard to revisions and/or clarification to the following drawings</p>
<p>2.1</p>	<p>AG102 – ASSEMBLY TYPES</p> <p>Remove F1 wall assembly.</p> <p>Remove P3a from P3 wall variances.</p> <p>Remove BH1 ceiling assembly.</p>
<p>2.2</p>	<p>A221 - ENLARGED REFLECTED CEILING PLAN - NORTH</p> <p>Add recessed linear light fixtures to reception desk bulkhead as follows:</p> 
<p>2.3</p>	<p>ICC-203 MILLWORK PLANS, ELEVATIONS & SECTION DETAILS</p> <p>Add full length removable access panel to the reception desk on A1/ICC-203 as follows:</p>





3	Specifications
2.1	Connectrac Flex System Brochure (14 pages)
2.2	Canadian Electrical Raceways Inc Brochure (8 pages).
2.3	ELKAY Lustertone Classic Stainless Steel Sink Product Info Sheet (2 pages).

4	Mechanical Drawings (M ADDN1) dated 2024.10.10 (1 page) have regard to revisions and/or clarification to the following drawings
4.1	Please refer to attached M103.



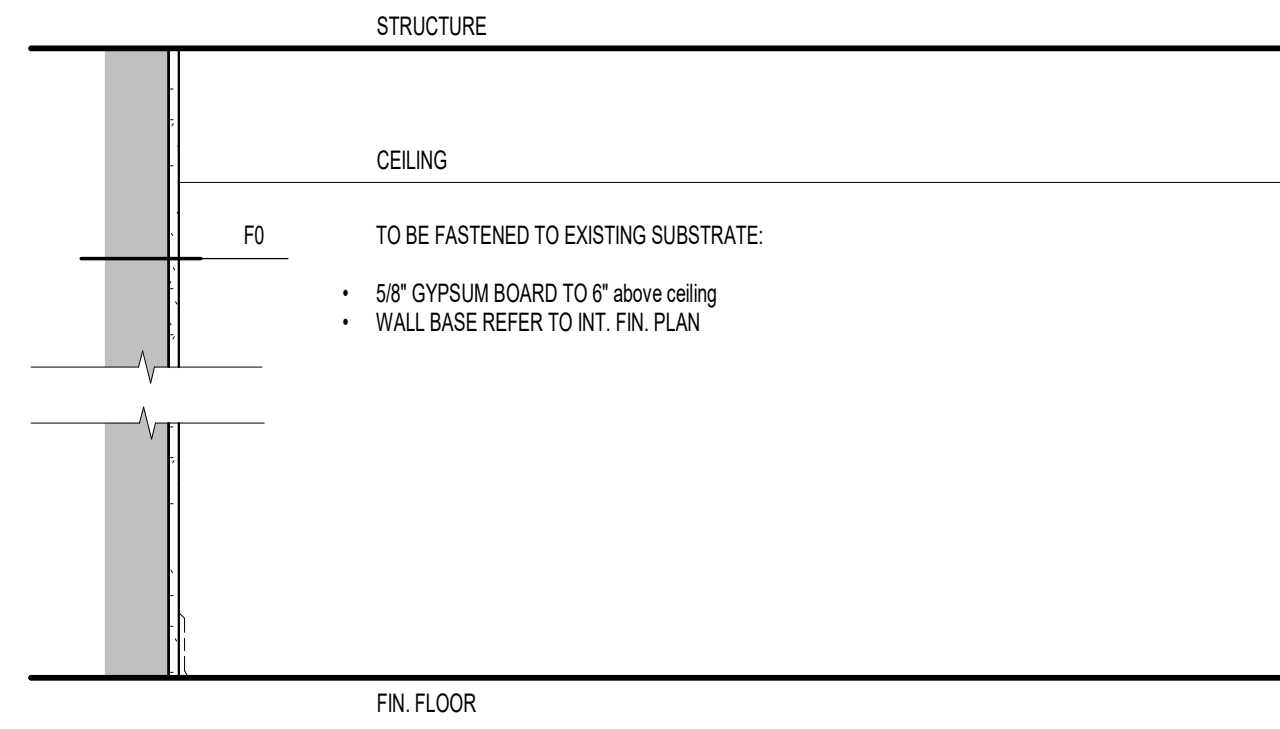
5	Electrical Drawings (E ADDN1) dated 2024.10.10 (2 pages) have regard to revisions and/or clarification to the following drawings
5.1	Please refer to attached E100 and E101.

6	Mandatory Site Walkthrough Sign-In Sheet dated 2024.10.01 (4 pages)
6.1	Please see attached Tender Sign In Sheet.

end of addendum | 002

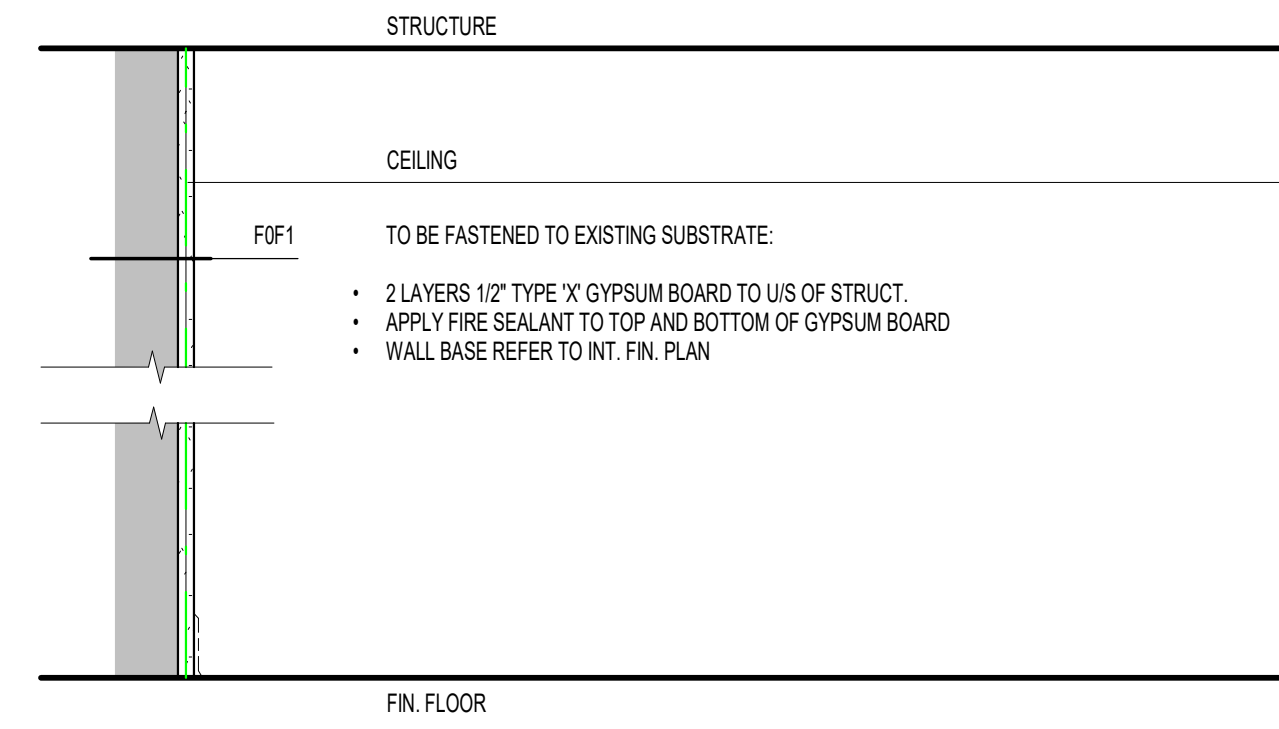


PARTITION TYPES:



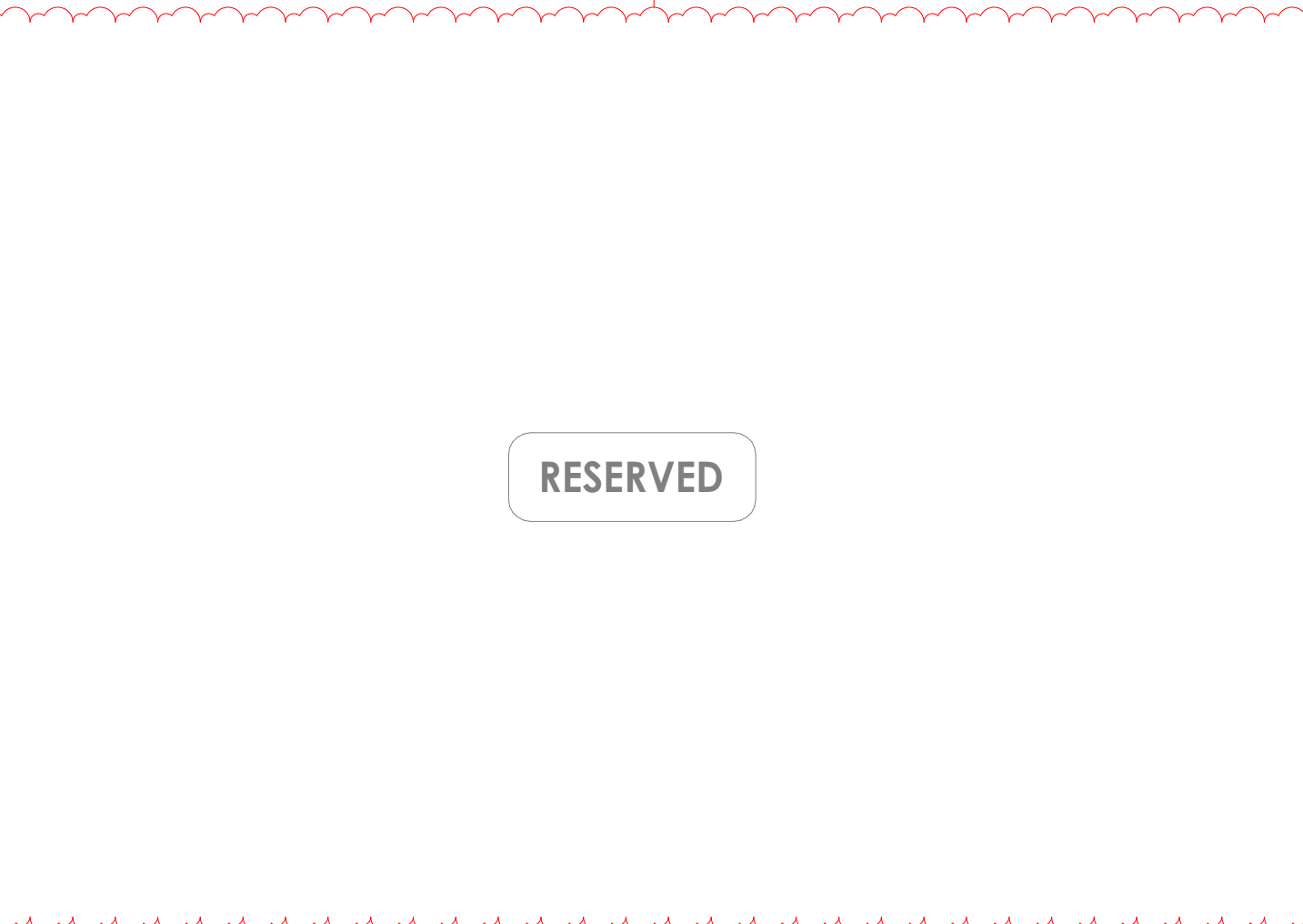
F0 FURRING WALL NO METAL STUD NON FIRE RATED
SCALE: 1"=1'-0"

PARTITION TYPES:

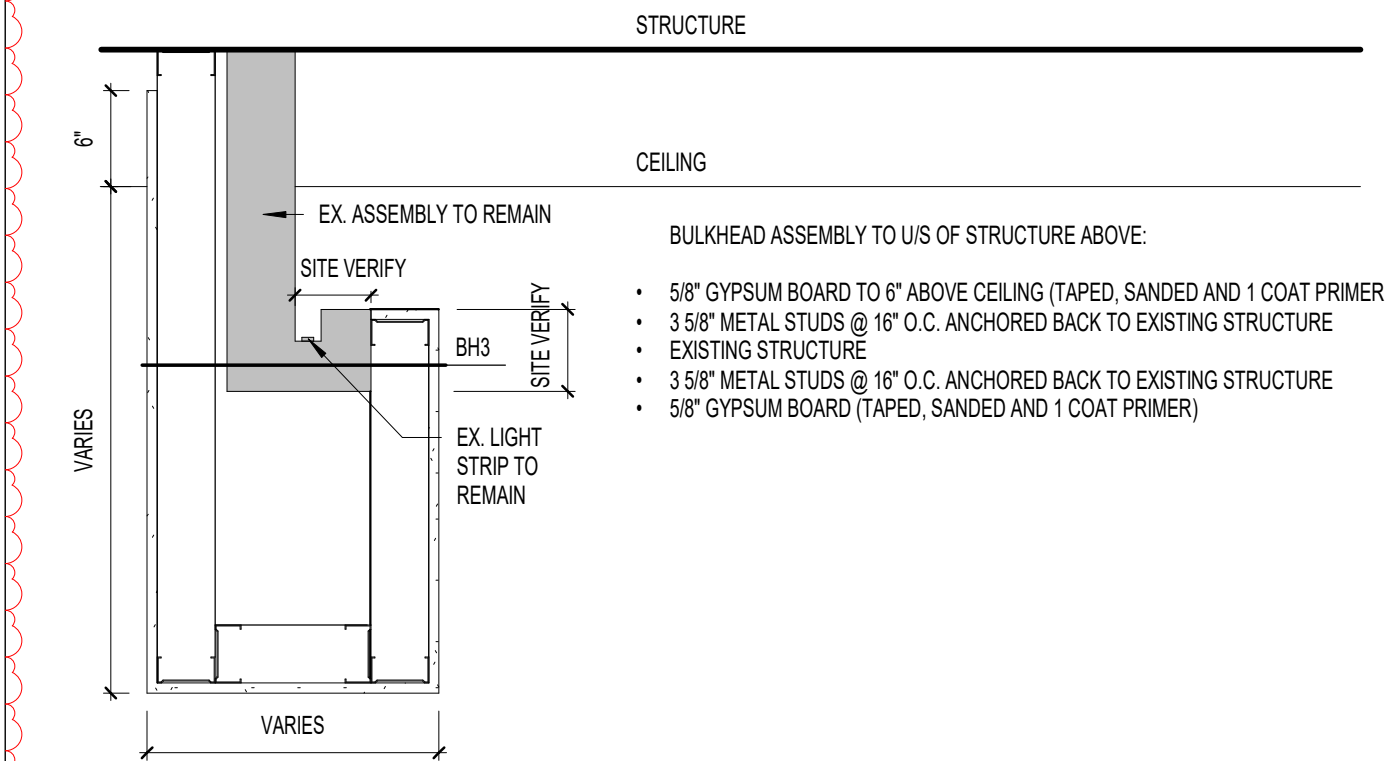


F0F1 FURRING WALL NO METAL STUD FIRE RATED (1 HOUR)
SCALE: 1"=1'-0"

CEILING TYPES:

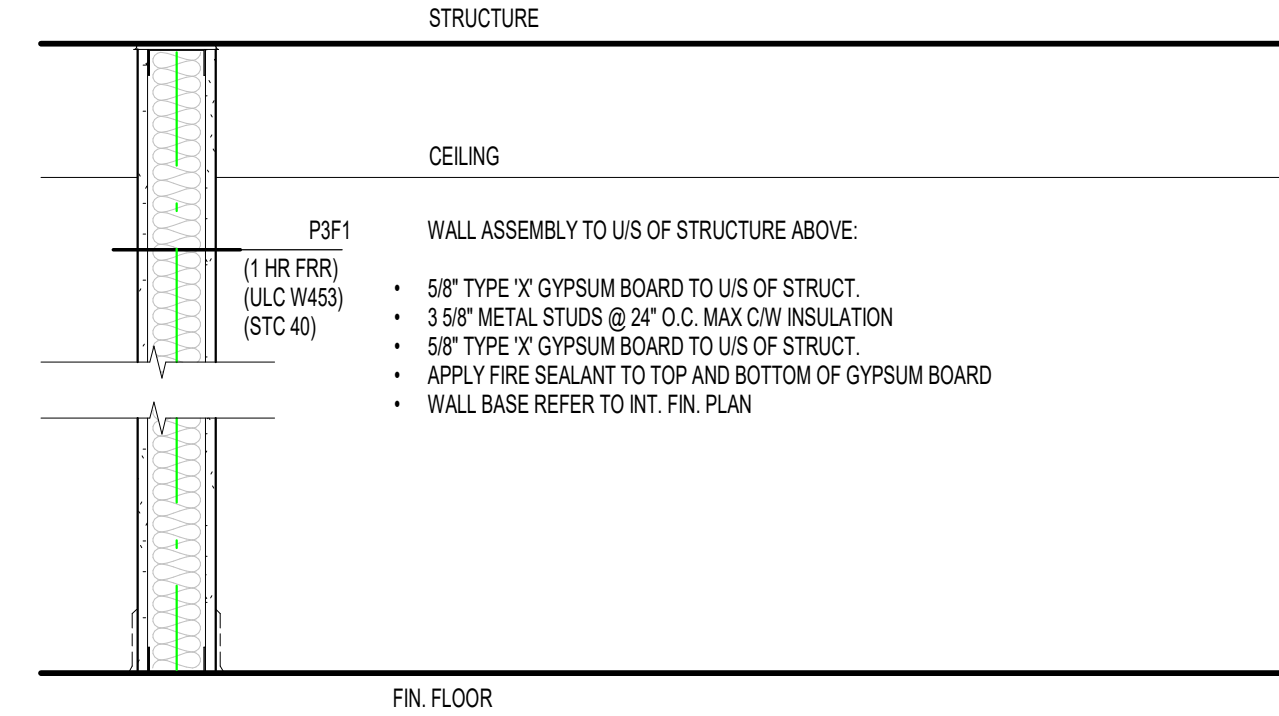


CEILING TYPES:

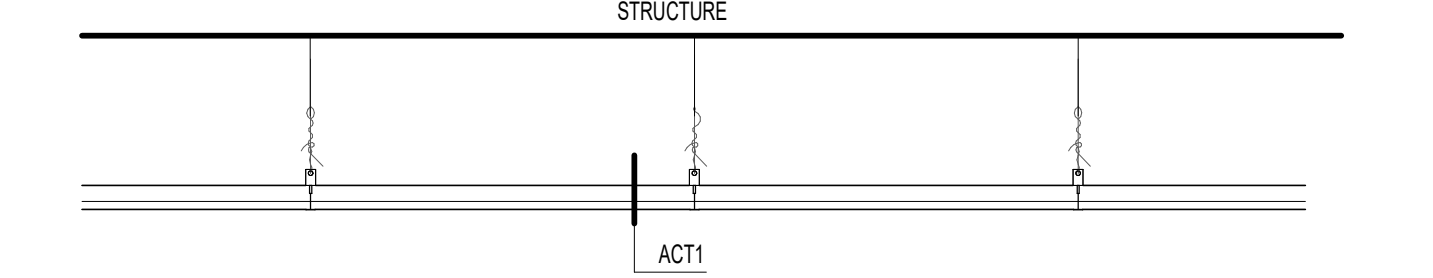


BH3 BULKHEAD 3 5/8" METAL STUD
SCALE: 1"=1'-0"

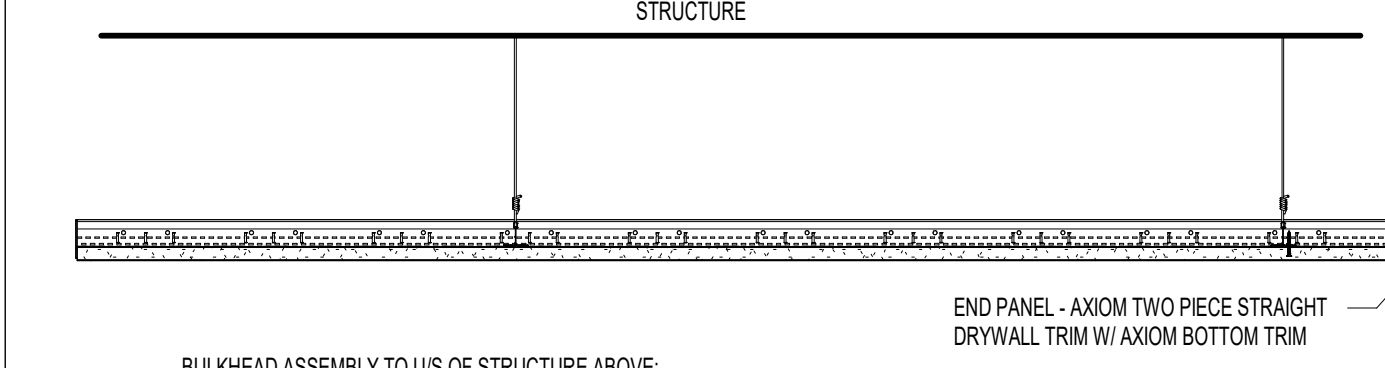
RESERVED



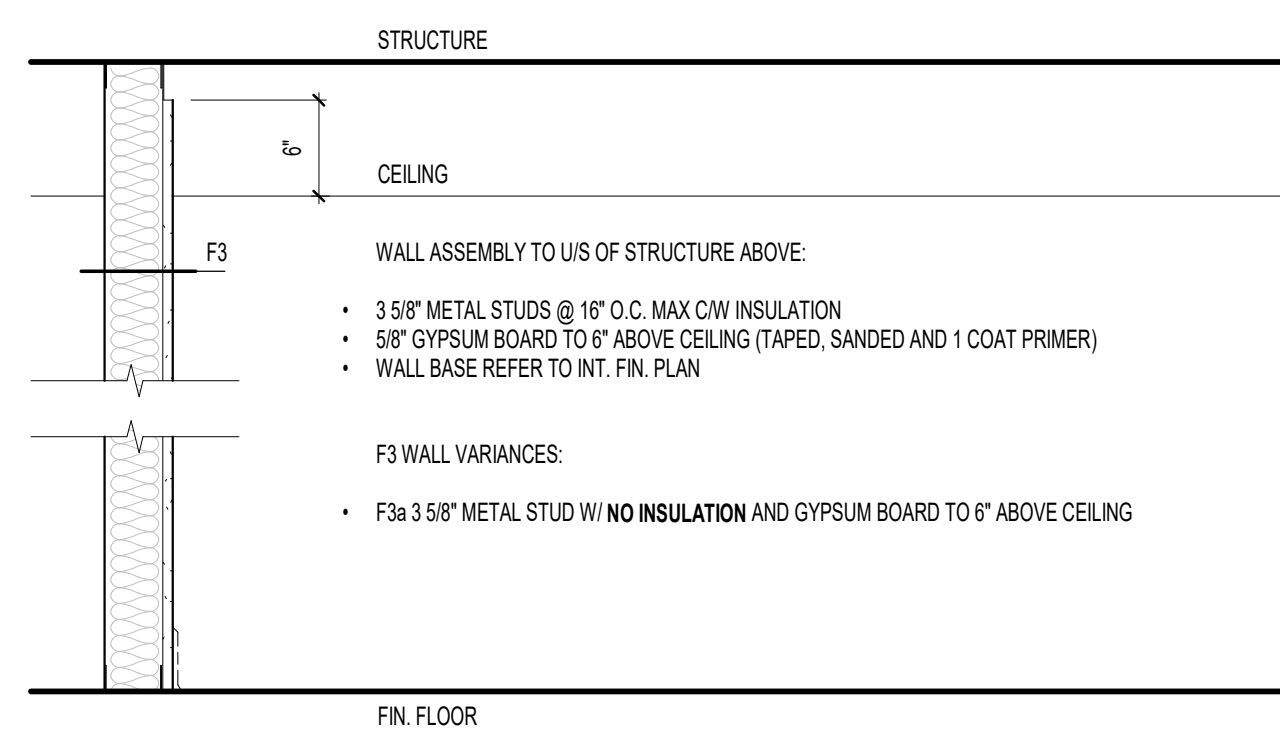
P3F1 PARTITION WALL 3 5/8" METAL STUD FIRE RATED (1 HOUR)
SCALE: 1"=1'-0"



ACT1 ACOUSTIC CEILING TILE - 2X2'
SCALE: 1"=1'-0"

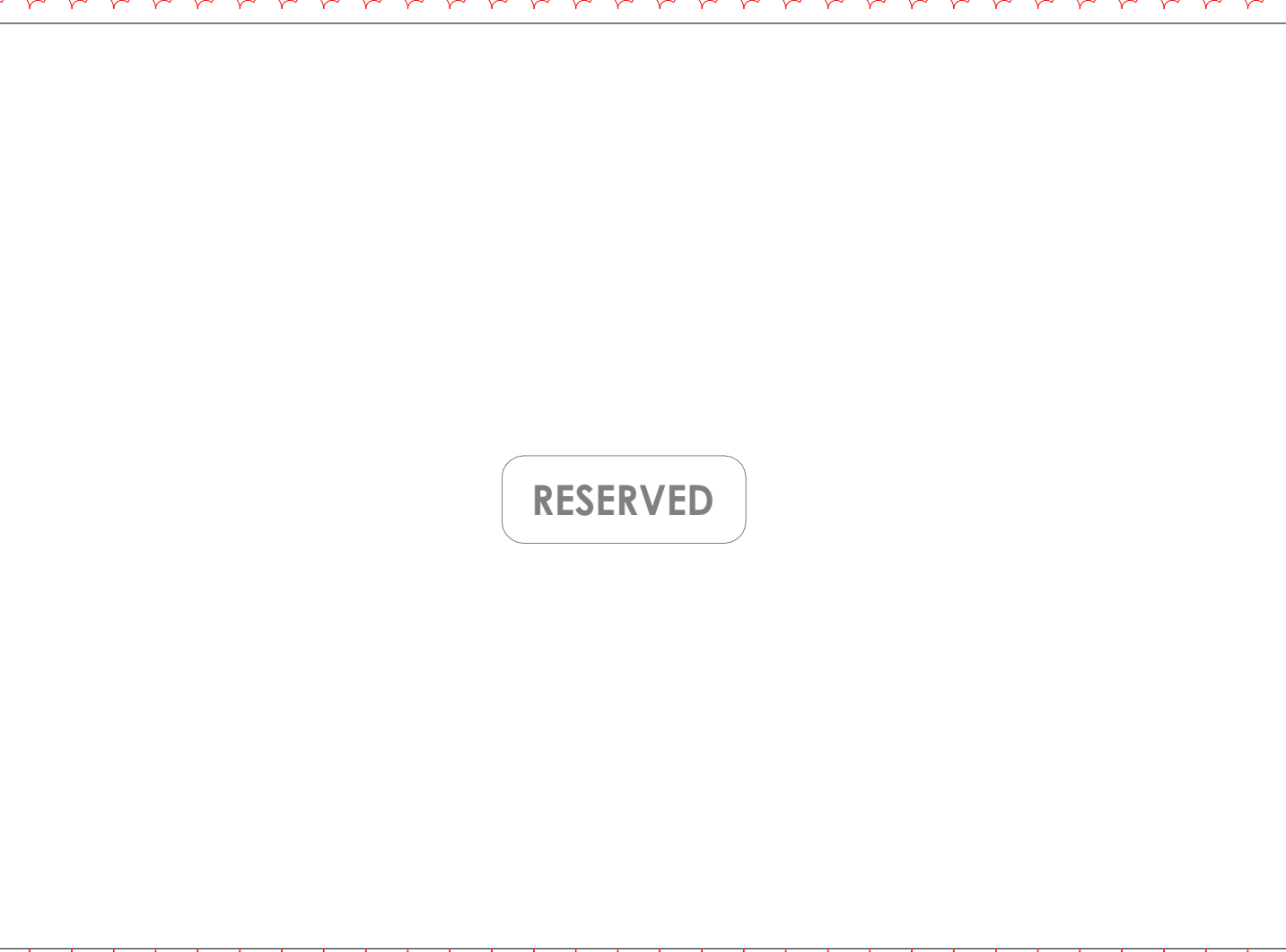


BH4 BULKHEAD 4 ARMSTRONG ACOUSTIBUILT CEILING SYSTEM
SCALE: 1"=1'-0"



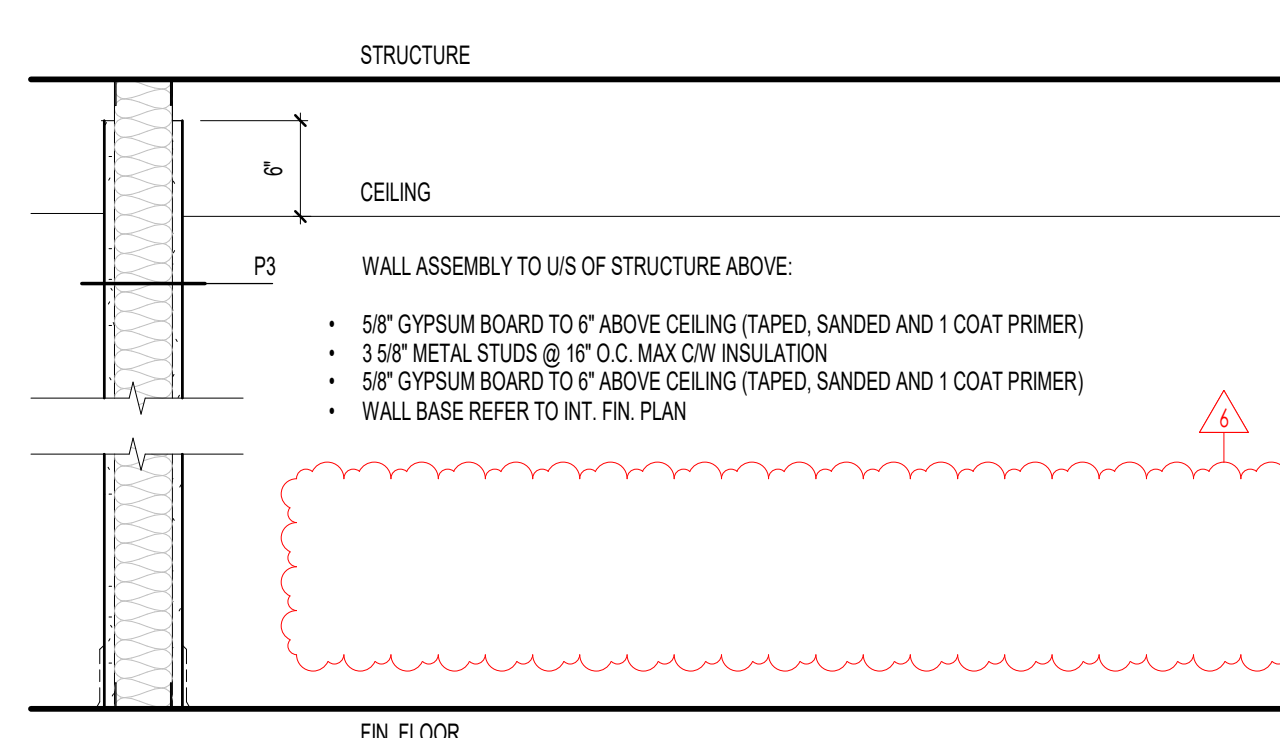
F3 FURRING WALL 3 5/8" METAL STUD NON FIRE RATED
SCALE: 1"=1'-0"

RESERVED



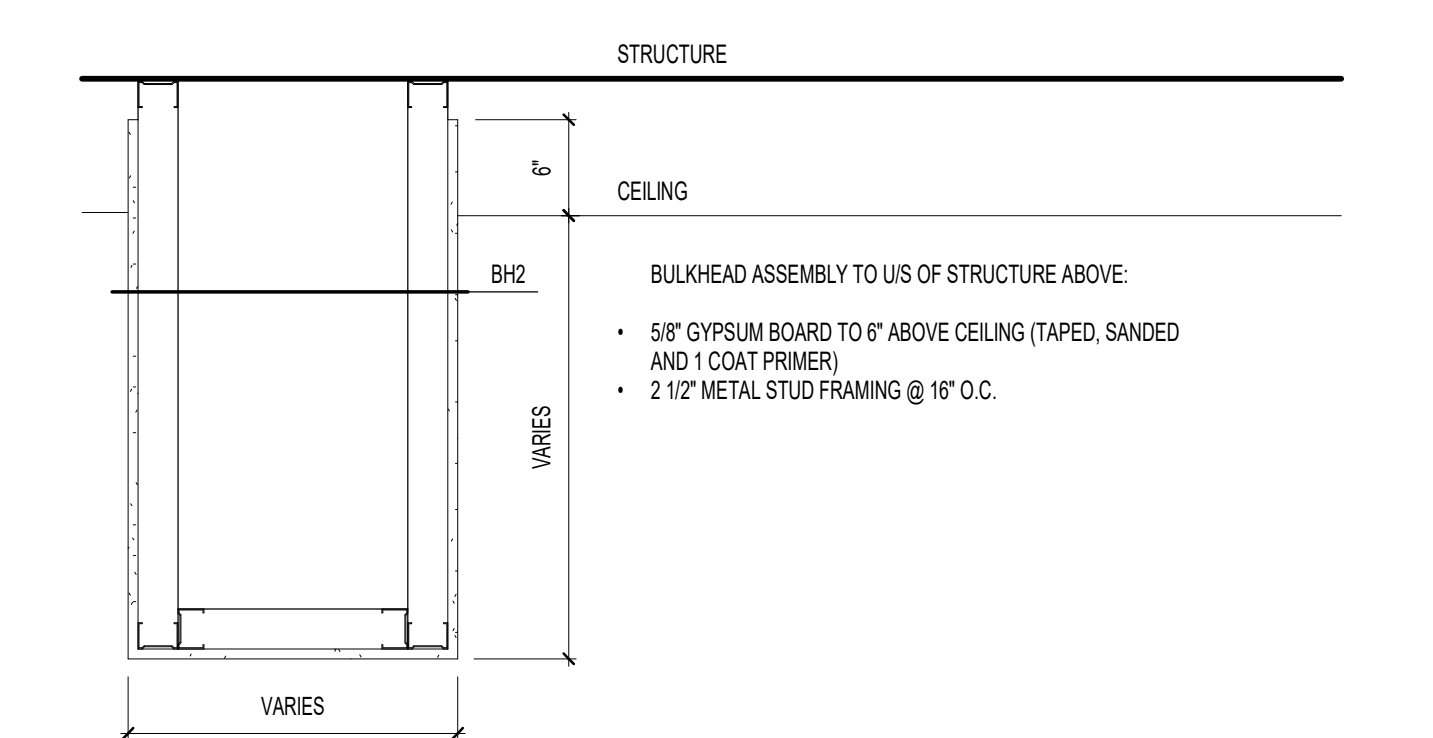
RESERVED

RESERVED



P3 PARTITION WALL 3 5/8" METAL STUD NON FIRE RATED
SCALE: 1"=1'-0"

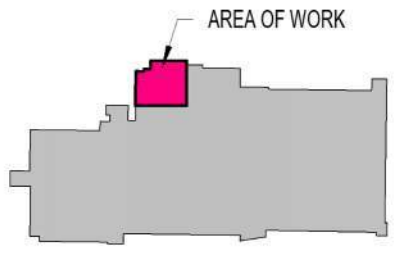
RESERVED



BH2 BULKHEAD 3 5/8" METAL STUD
SCALE: 1"=1'-0"

RESERVED

Key Plan:



NO. DATE: 4 2024 05 18 IFT
1 2024 05 22 PERMIT

ISSUED FOR: SW, HR, BP
HR, SW

BY:

THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS, DATUMS AND ELEVATIONS TO BE CONFORMANT TO PERMIT. ALL SERVICE AND CHANGES TO BE REFERRED TO THE ARCHITECT BEFORE PROCEEDING.

NO DRAWING IS TO BE USED FOR BUILDING PURPOSES UNLESS COUNTERSIGNED BY THE ARCHITECT.

SEAL:



300-1108 Dundas St.
London, ON N6H 3A7
519.601.6274
info@matterinc.ca
matterinc.ca

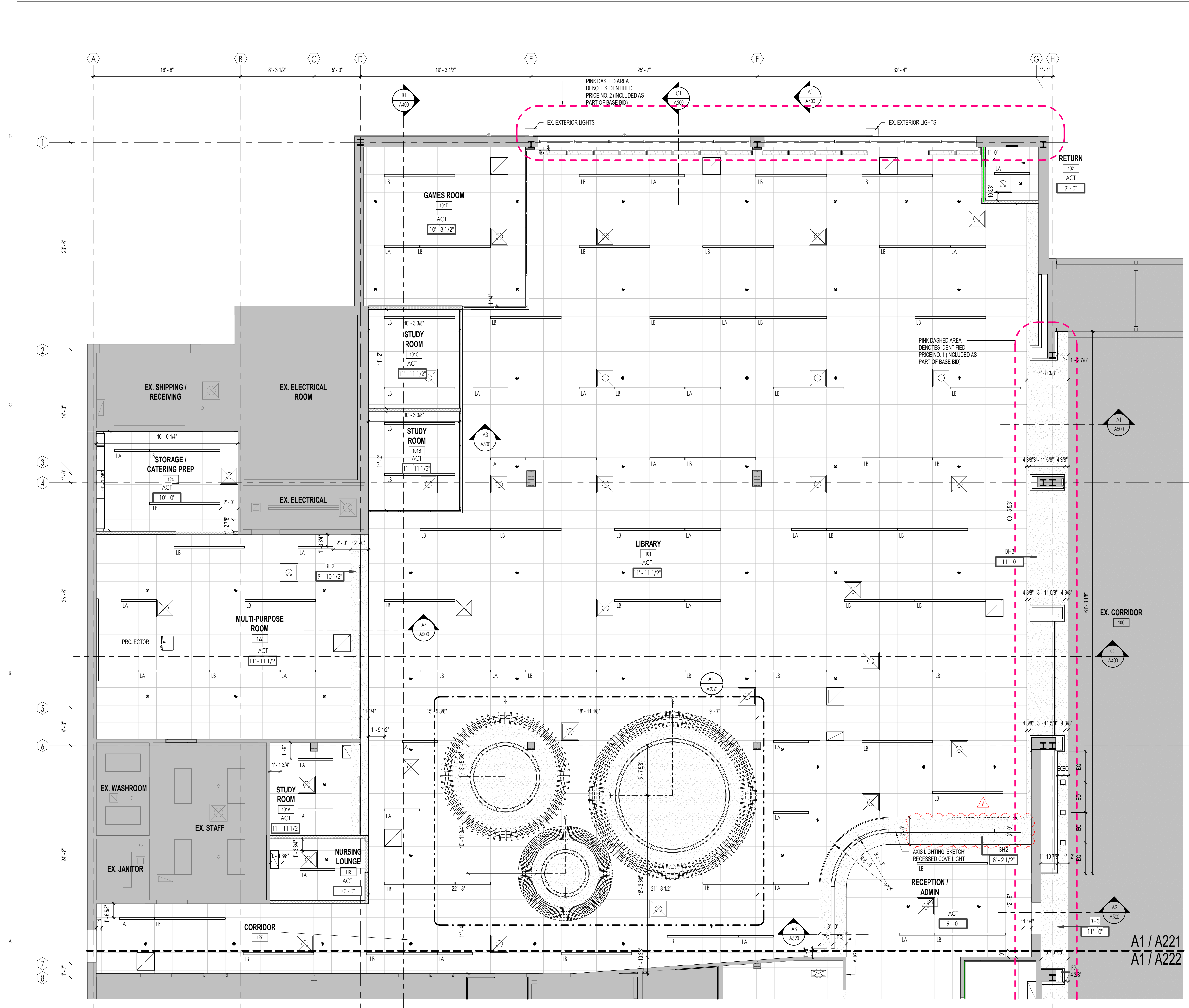
Project Title:
SHERWOOD LIBRARY RENOVATION

1225 Wonderland Rd N, London, ON N6G 2Y9

Sheet Name:
ASSEMBLY TYPES

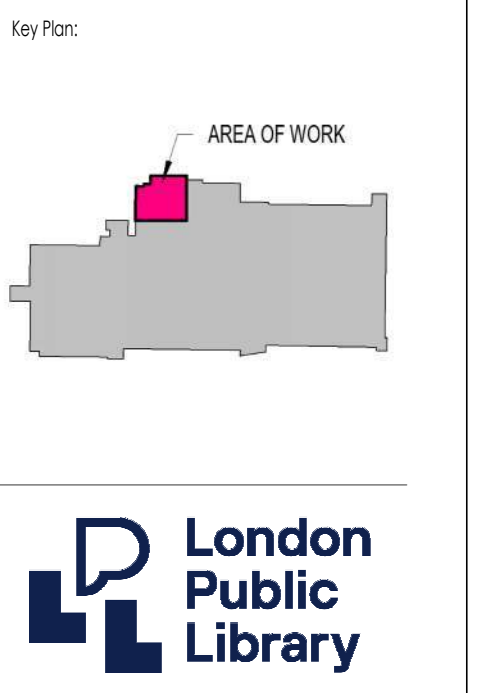
Scale: 1" = 1'-0"
Project No: 23-006
Sheet No:

AG102



REFLECTED CEILING PLAN GENERAL NOTES:

- COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR RESPECTIVE CEILING MOUNTED OR RECESSED ITEMS.
- FINAL LOCATION OF ALL MECHANICAL AND ELECTRICAL FIXTURES TO BE CONFIRMED PRIOR TO INSTALLATION. COORDINATE ALL MECHANICAL AND ELECTRICAL ITEMS WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCIES PRIOR TO ANY WORK.
- FINAL LOCATION OF SPRINKLER ITEMS NOT SHOWN IN ARCHITECTURAL DRAWINGS TO BE CONFIRMED AT SHOP DRAWING REVIEW.
- UNLESS DIMENSIONED OTHERWISE, CEILING TILES TO BE STARTED AS SHOWN FROM THE CENTER POINT OF ROOMS TYPICAL.
- EXISTING STEEL BEAMS AND POSTS WHERE EXPOSED TO BE PAINTED CW/INTUMESCENT COATING WHERE REQUIRED TO BE FIRE RATED (COORDINATE WITH LIFE SAFETY DRAWINGS).
- ALL INTERIOR CEILING BULKHEAD SYSTEMS TO BE CONSTRUCTED WITH METAL FRAMING TYPICAL. NOT WOOD UNLESS OTHERWISE NOTED.
- SHOP DRAWINGS TO BE CONSISTENT WITH DIMENSIONED UNITS AS ILLUSTRATED ON THIS DRAWING OR THEY WILL BE REJECTED (IMPERIAL AND METRIC BOTH SHOWN IS ACCEPTABLE). ALSO AIR GRILLES ARE TO REFER TO THE ROOM # THEY ARE INSTALLED (AND ANY OTHER ITEMS TYPICAL).
- REFER TO WALL SECTIONS AND REFLECTED CEILING PLAN FOR ALL NEW CEILING HEIGHTS. VERIFY DEPTH REQUIRED FOR ALL INFRASTRUCTURE AND EQUIPMENT PRIOR TO INSTALLING CEILING FRAMING SYSTEMS.
- THIS DRAWING IS NOT AN INTERFERENCE PLAN. CONTRACTOR IS RESPONSIBLE FOR ON-SITE COORDINATION OF ALL TRADES. FAILURE TO FULLY SITE COORDINATE CEILING WILL NOT BE CONSIDERED GROUNDS FOR ADDITIONAL COSTS TO THE OWNER.
- MECHANICAL AND ELECTRICAL FIXTURES ARE INDICATED FOR REFERENCE PURPOSES ONLY. REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS FOR LOCATIONS AND QUANTITIES.
- ADDITIONAL WORK MAY BE REQUIRED. REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS FOR COMPLETE SCOPE OF WORK. REMOVE AND REINSTATE CEILING AS REQUIRED TO EXECUTE MECHANICAL AND ELECTRICAL SCOPE OF WORK.



REFLECTIVE CEILING PLAN LEGEND

LA	4'-0" x 0'-4" RECESSED LIGHT FIXTURE REFER TO ELECT. DRAWINGS
LB	8'-0" x 0'-4" RECESSED LIGHT FIXTURE REFER TO ELECT. DRAWINGS
[Square]	SQUARE RECESSED DOWNLIGHT REFER TO ELECT. DRAWINGS
[Wavy lines]	SUSPENDED LIGHT FIXTURE AXIS SKETCH REFER TO ELECT. DWGS. REFER TO ARCH. DWGS FOR SIZES
[Circle with dot]	FIRE ALARM DETECTOR. REFER TO ELECT. DRAWINGS
[Circle with SA]	SMOKE ALARM. REFER TO ELECT. DRAWINGS
[Circle with SA/CO]	COMBINATION SMOKE/CARBON MONOXIDE ALARM. REFER TO ELECT. DRAWINGS
[Circle with AOM]	FIRE ALARM ADDRESSABLE OUTPUT MODULE. REFER TO ELECT. DRAWINGS
[Circle with dot]	CEILING MOUNTED RUNNING MAN EXIT SIGN (FILLED IN AREA INDICATES FACES). REFER TO ELECT. DRAWINGS
[Circle with sensor]	CEILING MOUNTED OCCUPANCY SENSOR. REFER TO ELECT. DRAWINGS
[Battery symbol]	EMERGENCY BATTERY WITH DUAL EMERGENCY LIGHTING HEADS. REFER TO ELECT. DRAWINGS
[Battery symbol]	EMERGENCY BATTERY, RUNNING MAN EXIT SIGN, DUAL EMERGENCY LIGHTING HEAD COMBO UNIT. REFER TO ELECT. DRAWINGS
[Battery symbol]	DUAL EMERGENCY LIGHTING REMOTE HEADS. REFER TO ELECT. DRAWINGS
[Grille symbol]	SUPPLY AIR GRILLE. REFER TO MECH. DRAWINGS
[Grille symbol]	SUPPLY AIR GRILLE. REFER TO MECH. DRAWINGS
[Diffuser symbol]	RETURN AIR DIFFUSER. REFER TO MECH. DRAWINGS
[Diffuser symbol]	RETURN AIR DIFFUSER. REFER TO MECH. DRAWINGS

SPRINKLER MODIFICATION NOTE:

GENERAL CONTRACTOR SHALL PROVIDE SEALED ENGINEERED SPRINKLER MODIFICATION SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO SITE WORK. SPRINKLER CONTRACTOR SHALL ALSO SIGN THE COMMITMENT TO GENERAL REVIEW FORM AS SUBMITTED TO THE AUTHORITIES HAVING JURISDICTION.

NO. DATE ISSUED FOR: BY:

6 2024-10-10 ADDENDUM 002 BP
4 2024-09-18 RFT SW, HR
2 2024-06-25 LANDLORD WORK BP
1 2024-05-22 PERMIT SW, HR, SW

THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS, DATUMS AND LEVELS PRIOR TO COMMENCEMENT OF WORK. ALL DIMENSIONS AND CHANGES TO BE REFERRED TO THE ARCHITECT BEFORE PROCEEDING.
MEASUREMENTS SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED.
ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE ARCHITECT AND MUST BE KEPT IN STRICTLY CONFIDENTIAL. REPRODUCTION OF DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS IN PART OR WHOLE FOR OTHER PROJECTS WITHOUT THE ARCHITECT'S WRITTEN PERMISSION IS PROHIBITED. CONTACT THE ARCHITECT FOR MORE INFORMATION.
NO DRAWING IS TO BE USED FOR BUILDING PERMITS UNLESS COUNTERSIGNED BY THE ARCHITECT.

SEAL:

matter
architectural studio

300-1108 Dundas St.
London, ON N6H 3A7
519.601.6274
info@matterinc.ca
matterinc.ca

Project Title:
SHERWOOD LIBRARY RENOVATION

1225 Wonderland Rd N, London, ON N6G 2V9

Sheet Name:
ENLARGED REFLECTED CEILING PLAN
- NORTH

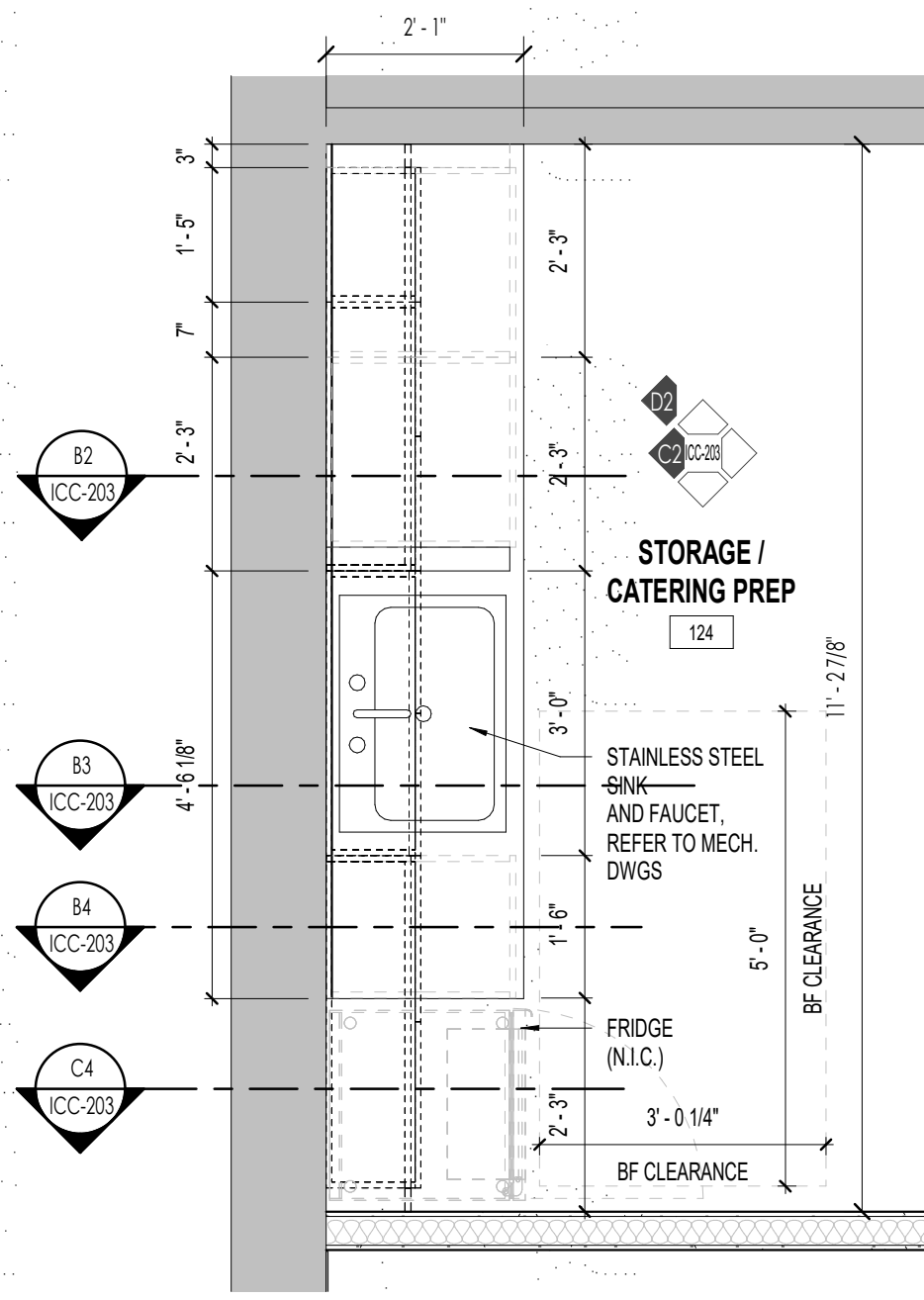
Scale:
As indicated

Project No:
23-006

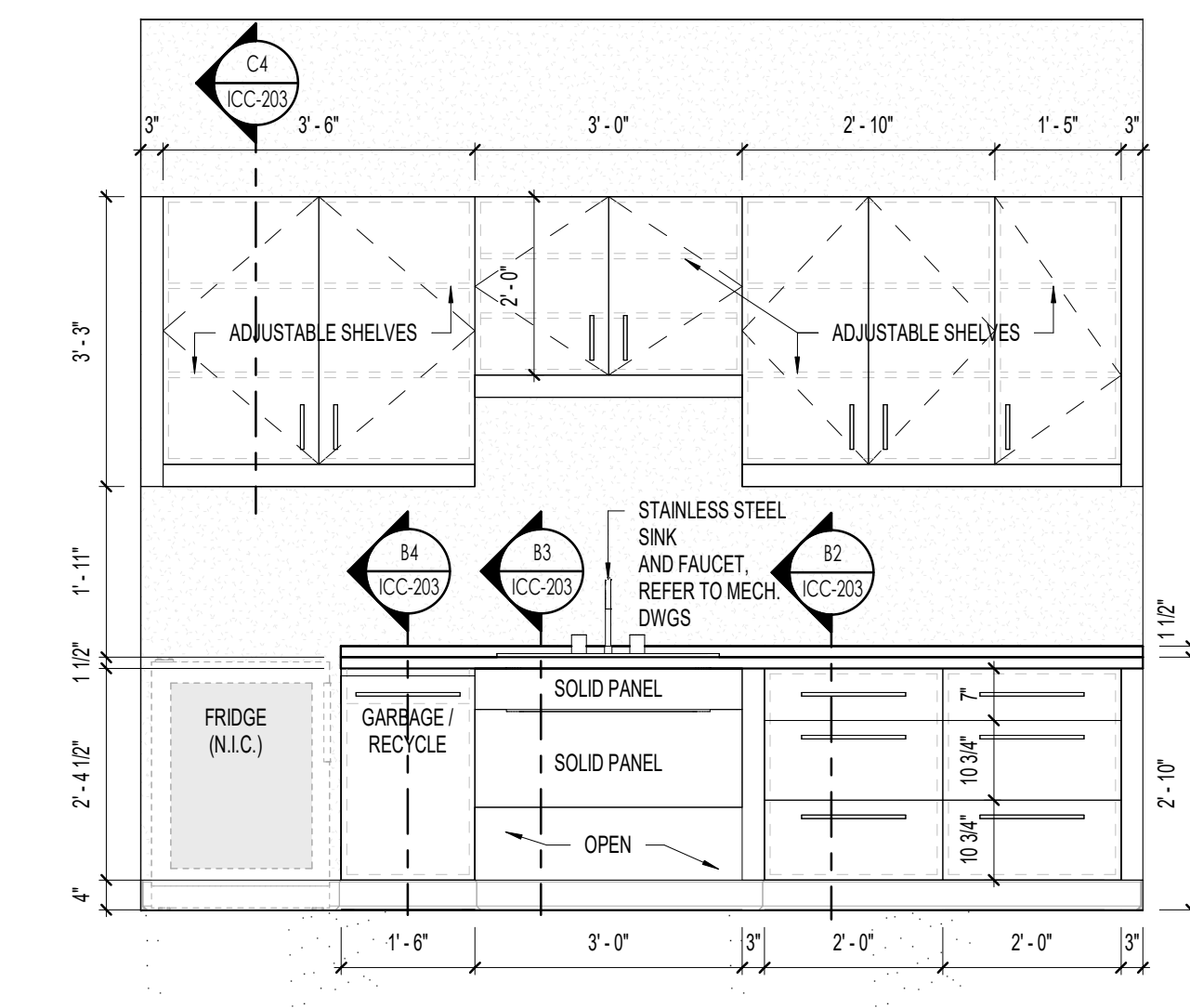
Sheet No:
A221

ENLARGED REFLECTED CEILING PLAN - NORTH

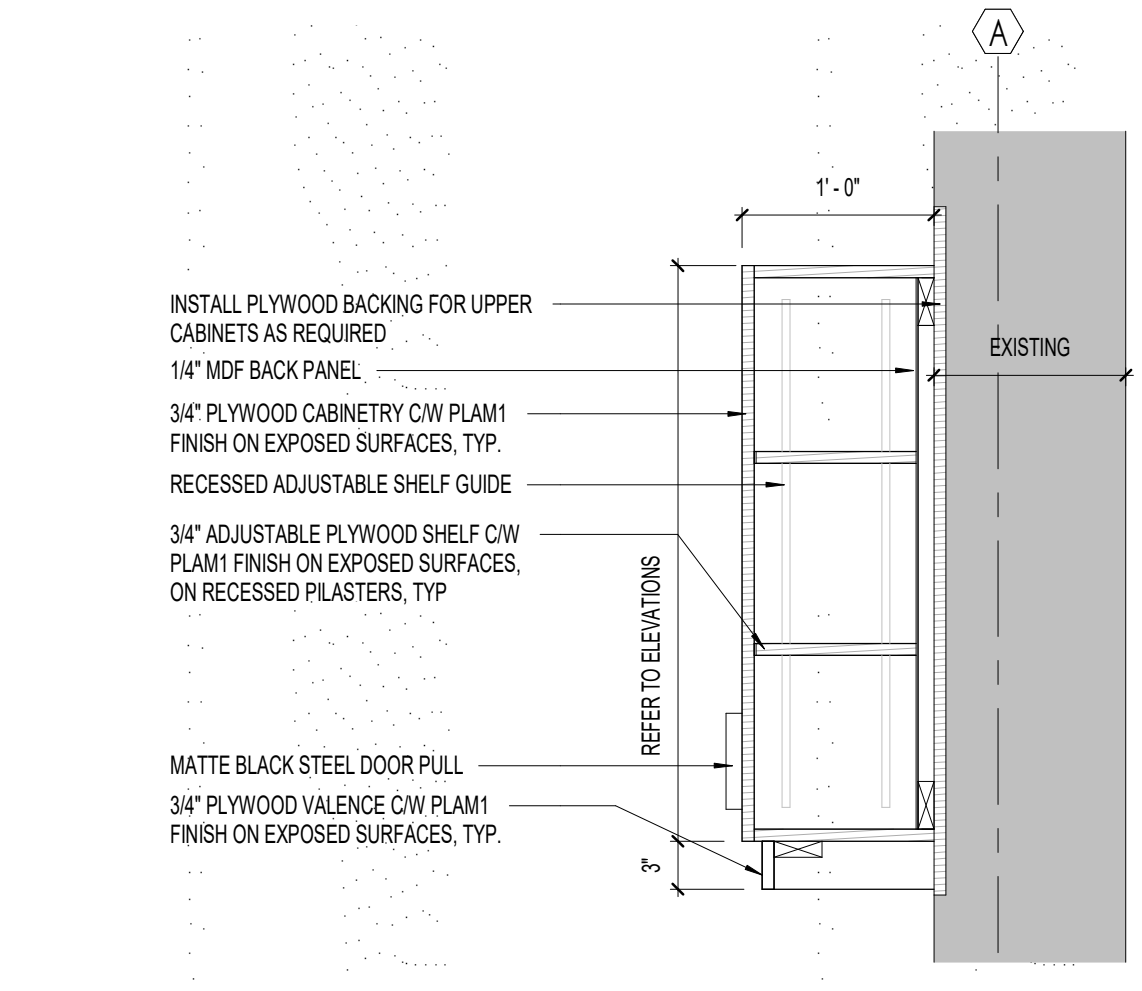
A1 A221 Scale: 3/16" = 1'-0"



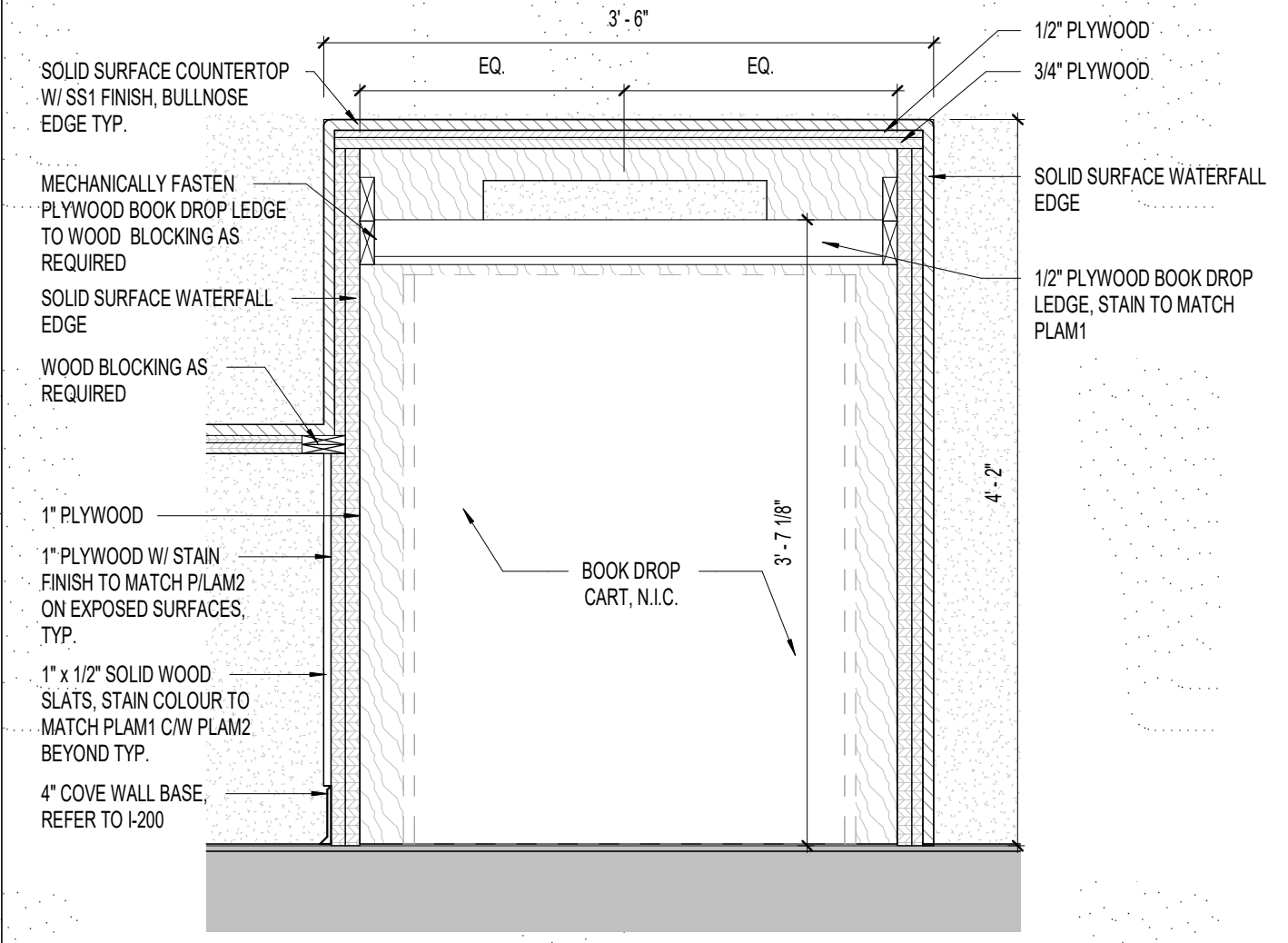
C1 STORAGE / CATERING PREP 124 - MILLWORK PLAN
ICC-203 Scale: 1/2" = 1'-0"



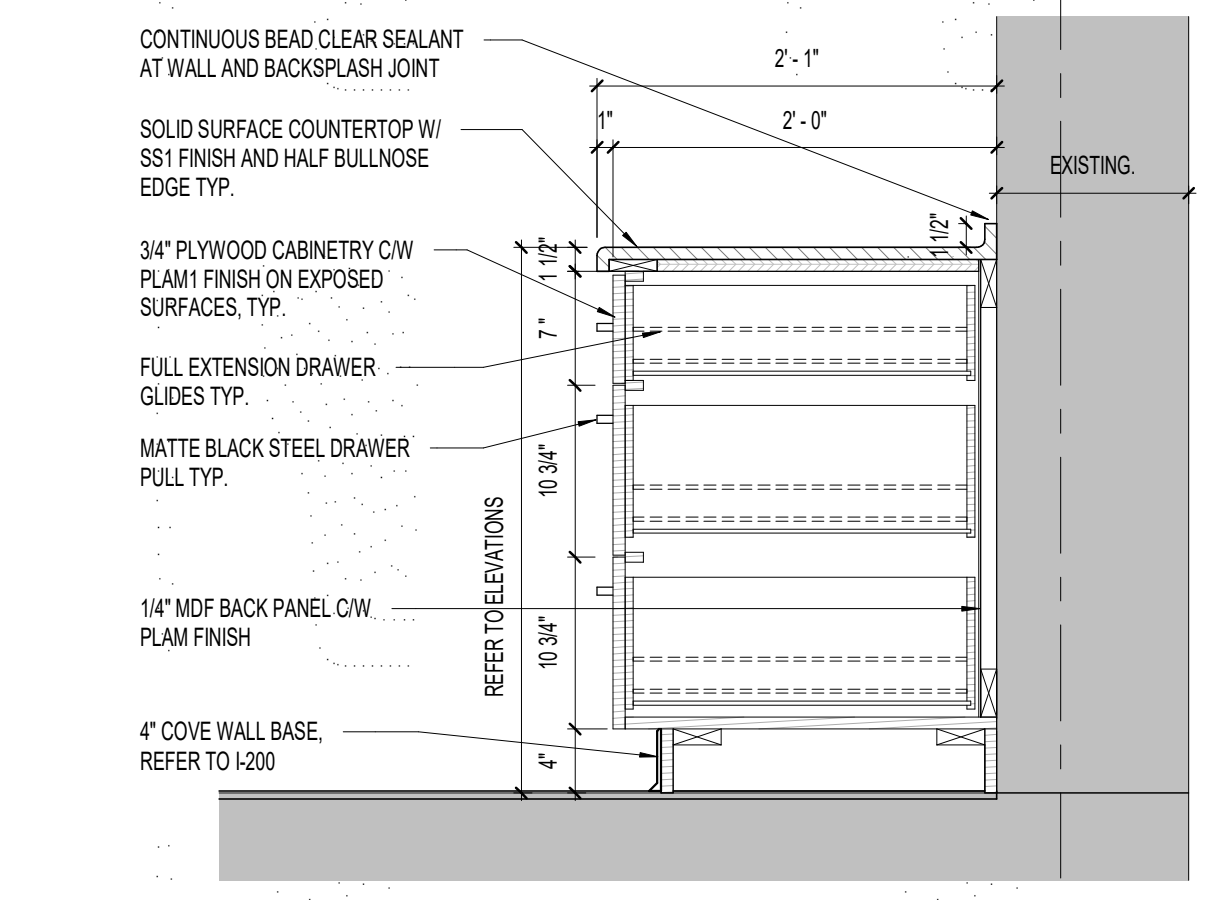
C2 STORAGE / CATERING PREP 124 - MILLWORK ELEVATION
ICC-203 Scale: 1/2" = 1'-0"



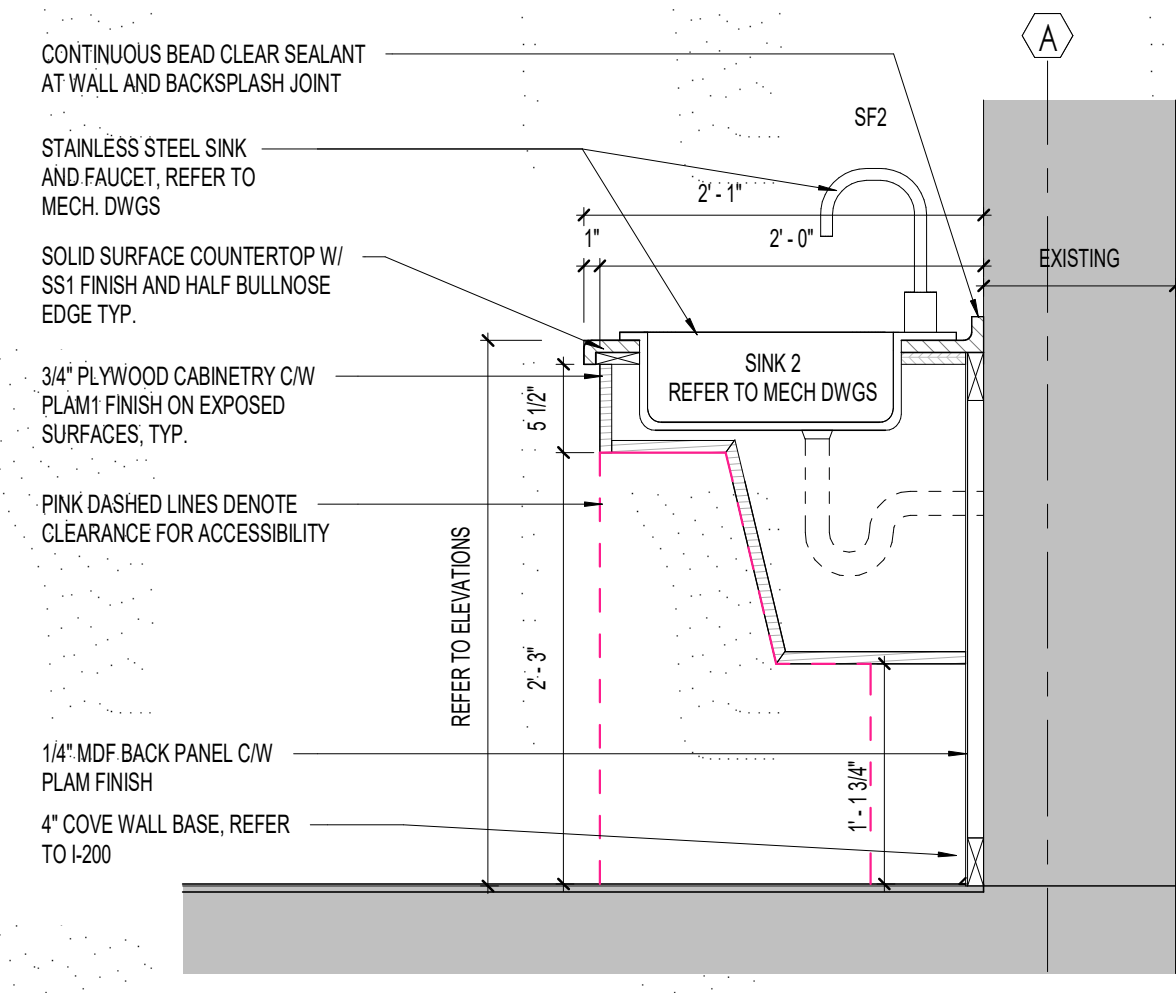
C4 STORAGE / CATERING PREP 124 - MILLWORK SECTION
ICC-203 Scale: 1" = 1'-0"



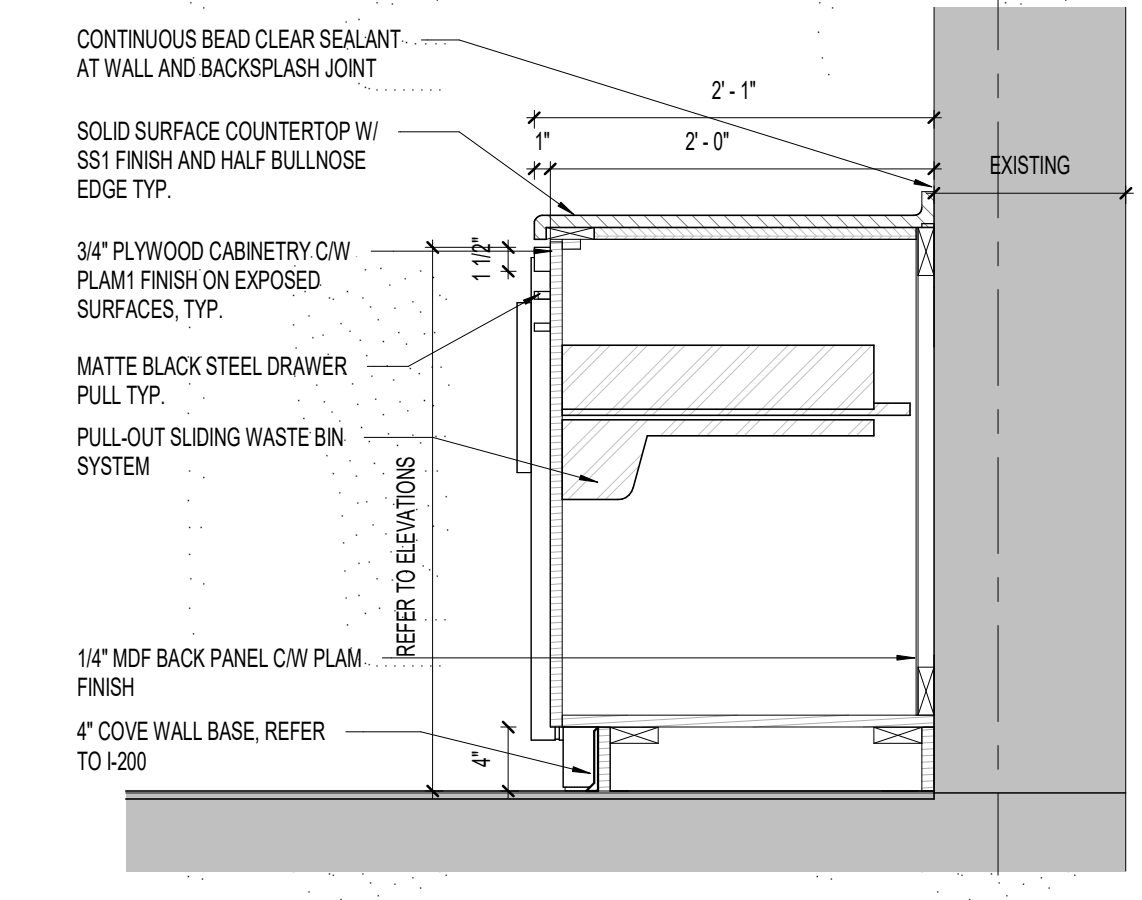
B1 RECEPTION BOOK DROP MILLWORK SECTION
ICC-203 Scale: 1" = 1'-0"



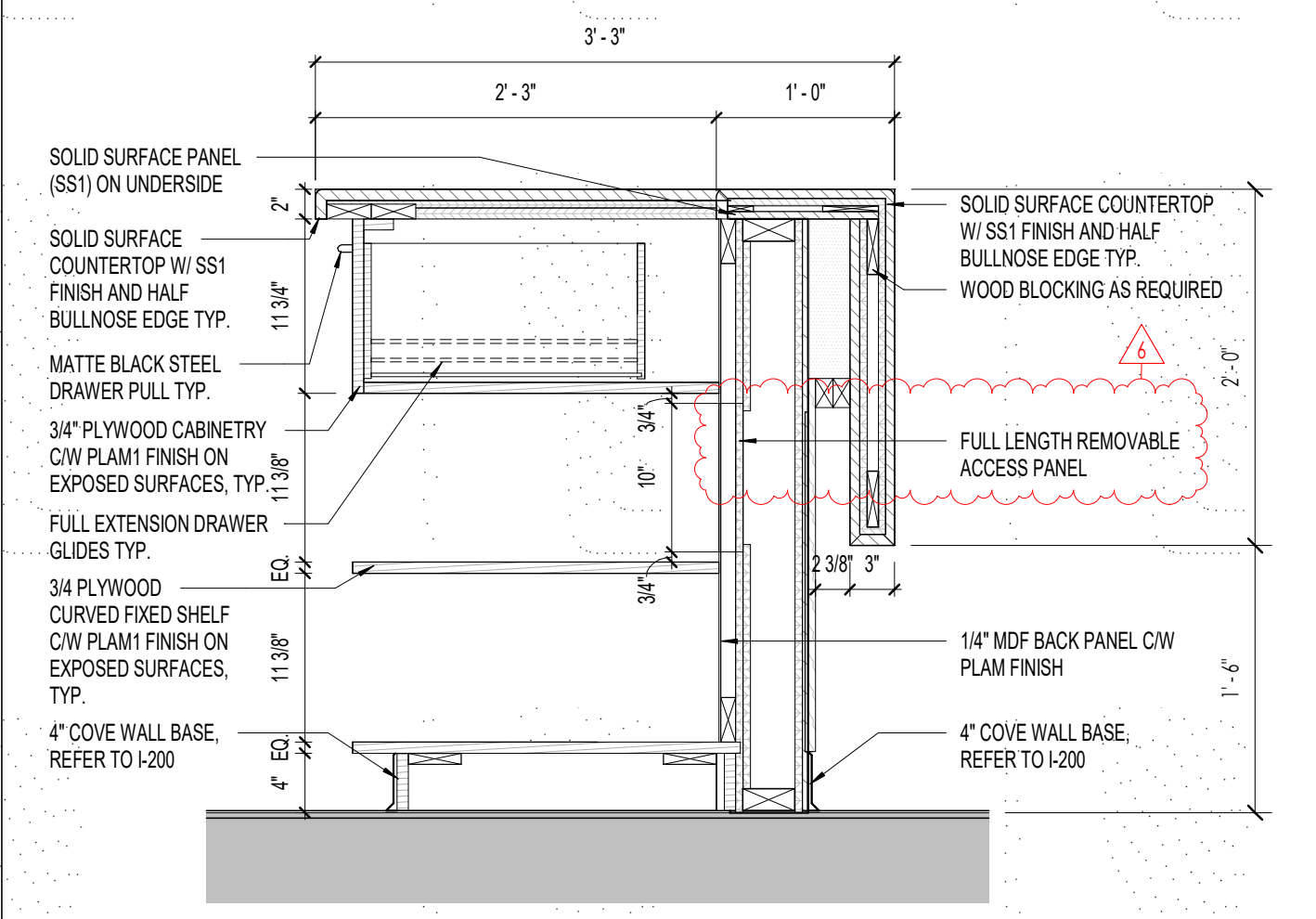
B2 STORAGE / CATERING PREP 124 - MILLWORK SECTION
ICC-203 Scale: 1" = 1'-0"



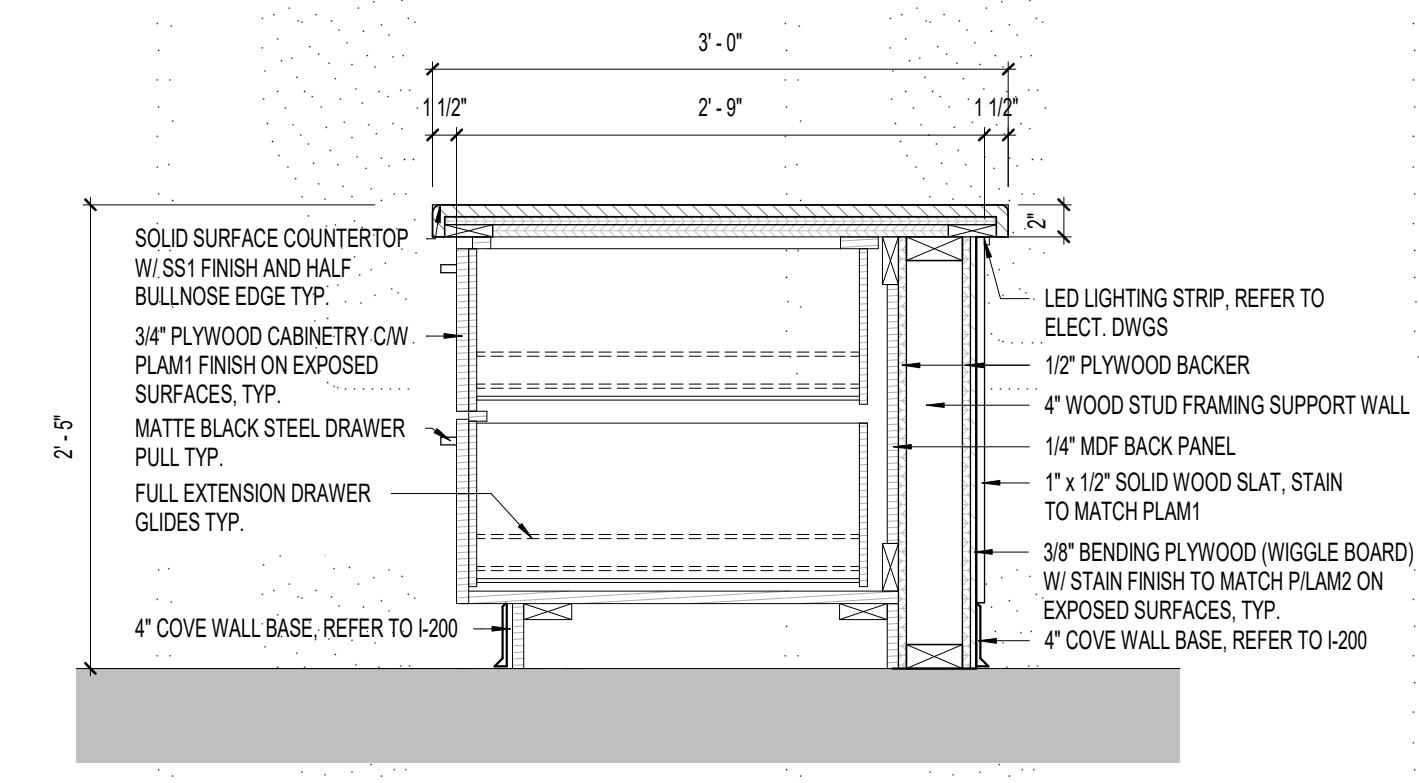
B3 STORAGE / CATERING PREP 124 - MILLWORK SECTION
ICC-203 Scale: 1" = 1'-0"



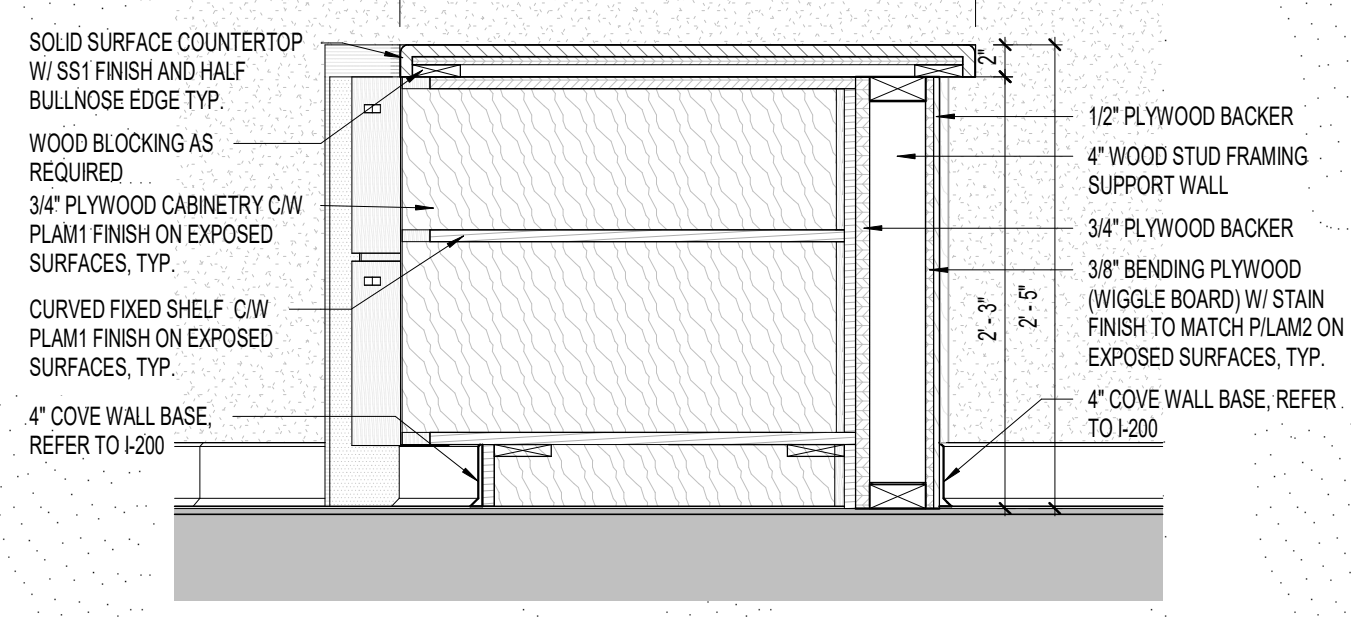
B4 STORAGE / CATERING PREP 124 - MILLWORK SECTION
ICC-203 Scale: 1" = 1'-0"



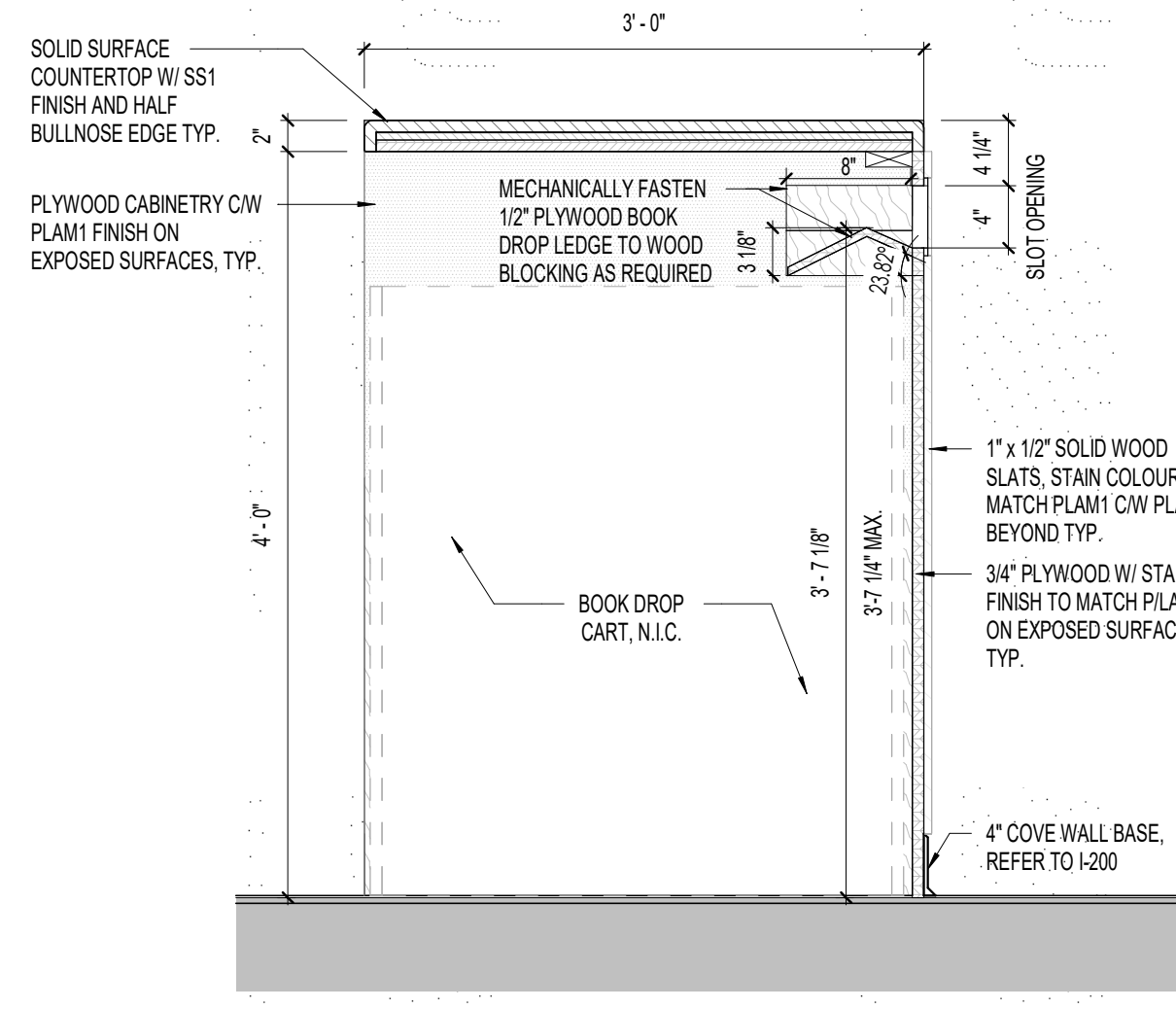
A1 RECEPTION DESK MILLWORK SECTION
ICC-203 Scale: 1" = 1'-0"



A2 RECEPTION DESK MILLWORK SECTION
ICC-203 Scale: 1" = 1'-0"



A3 RECEPTION DESK MILLWORK SECTION
ICC-203 Scale: 1" = 1'-0"



A4 BOOK DROP MILLWORK SECTION
ICC-203 Scale: 1" = 1'-0"

Key Plan:

AREA OF WORK

London Public Library

PRELIMINARY
NOT FOR CONSTRUCTION

6 2024 10 10 ADDENDUM 002
4 2024 05 18 1/4

NO. DATE ISSUED FOR: BY:

THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS, DETAILS AND SPECIFICATIONS FOR CONSTRUCTION OF WORK. ALL TOLERANCES AND DIMENSIONS TO BE REFERRED TO THE ARCHITECT BEFORE PROCEEDING.

NO DIMENSIONS SHALL BE SCALED FOR THE PURPOSE OF VERIFYING DIMENSIONS.

ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF THE ARCHITECT AND MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.

SEAL:

matter
architectural studio

300-1108 Dundas St.
London, ON N6H 3A7
519.601.6274
info@matterinc.ca
matterinc.ca

Project Title:
SHERWOOD LIBRARY RENOVATION

UHC PROJECT NO.: Owner
1225 Wonderland Rd N, London, ON N6G 2W9

Sheet Name:
MILLWORK PLANS, ELEVATIONS &
SECTION DETAILS

Scale: As indicated
Project No: 23-006
Sheet No: ICC-203

FLEX™ SYSTEM

For installation under carpet tile

Updated
02.12.2021



CONNECTRAC.

A brand of **legrand**

HOW WE CAN HELP

Online

Build your own Flex raceway system using our innovative web tool on the Connectrac website!

Click around and play in this online experience while learning the basics of how Flex works.

connectrac.com/build-your-own

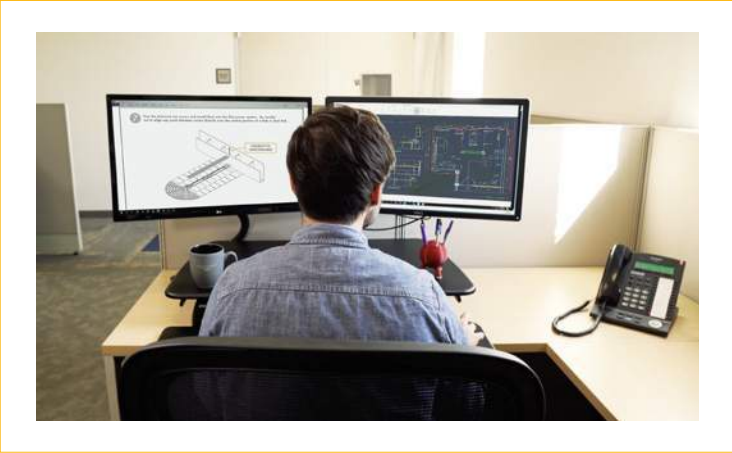


Design Team Services

Connectrac® believes in providing exceptional customer service by offering unique resources like our Design Team.

These industry specialists are available to help you specify the best Flex solution for your next project.

connectrac.com/design-services



General Info & Questions

Contact us any time! | [877.480.5637](tel:877.480.5637) | info@connectrac.com | connectrac.com

TABLE OF CONTENTS

What is Flex?	Pg 4
How it Works	Pg 6
Get Started	Pg 8
Flex Data Capacity	Pg 9

FLEX SYSTEM

For installation under carpet tile



HUDDLE

MEET

WORK

Connectrac® Flex is...

A floor-based power and data distribution system that allows users to quickly add connectivity or change power locations in a snap.

Any Space. Any Building. Any Time.™

HOW IT WORKS

Explore the graphic to learn more about the Flex system for installation under carpet tile.

A
Entrance Fitting
Quick connector powers entire raceway & allows data to enter

B
Raceway

Powertrac
Pre-wired raceway segment

C
Interchangeable Power Devices
Quickly snap into any Power Hub location

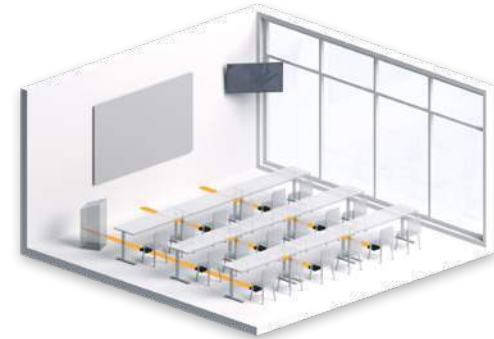
Power Hub
Connects Powertracs & provides access for power devices

Top Cover & Transition Ramps
(included with raceway)

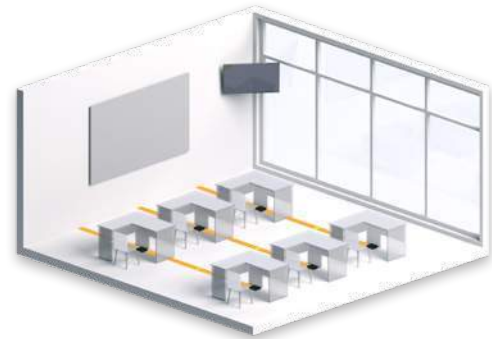
C
Data Device
Snaps into the raceway to provide data connectivity

Plan Flex Raceway System

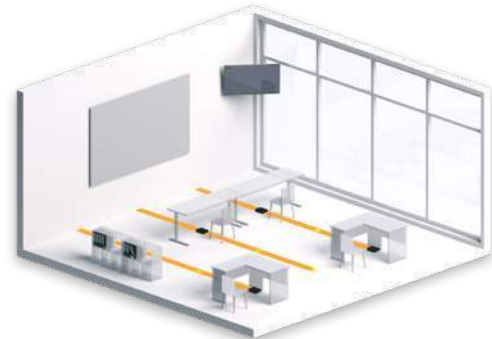
TIP: Visualize how your space might adapt and evolve over time.



What is the current use of this space?



What else might it be used for in the future?



How might furniture be rearranged?

Optimize Your Raceway

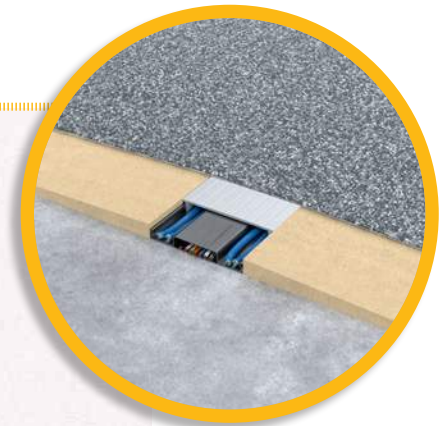
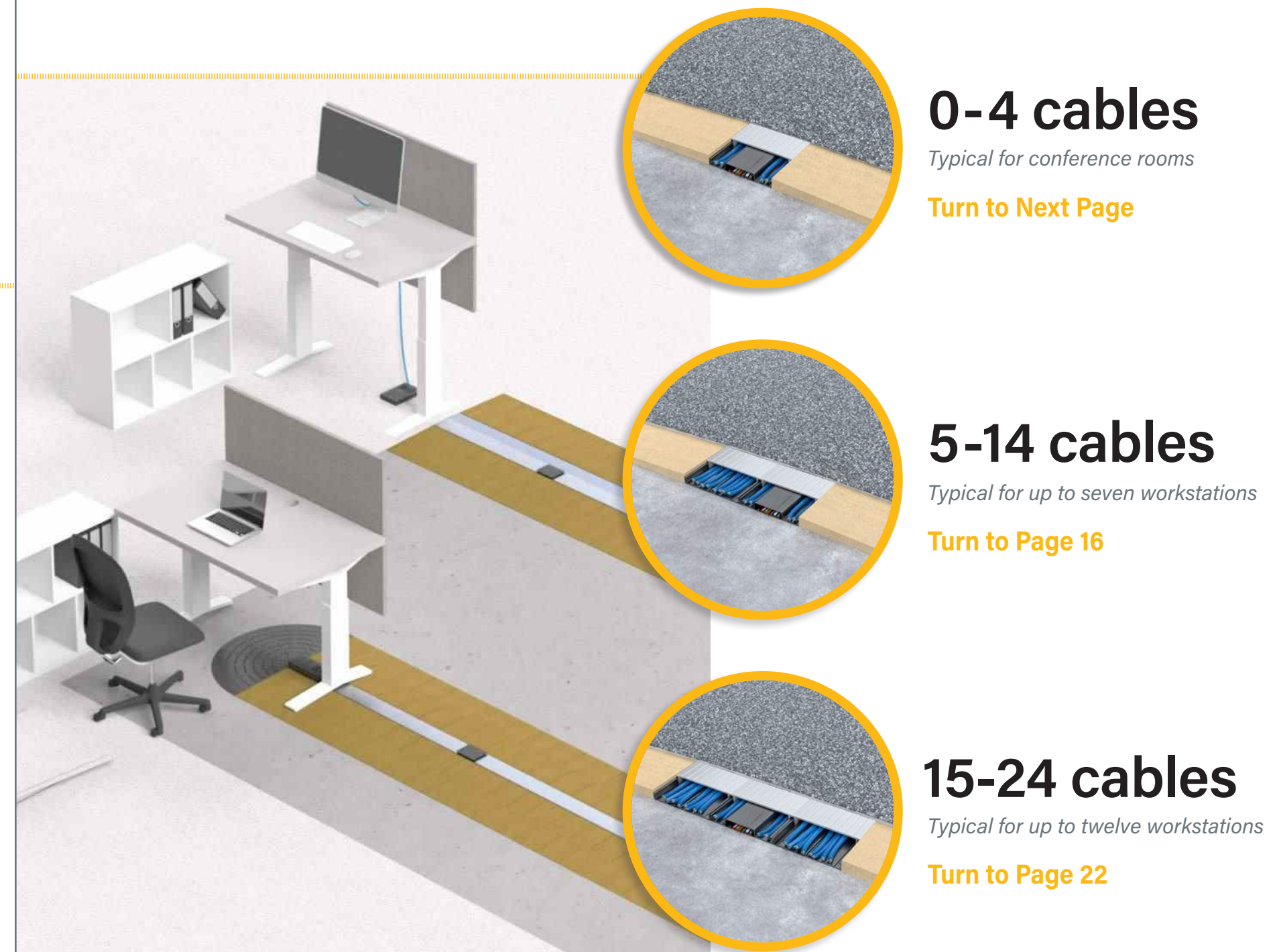
Increase your system's adaptability by adding more points of power access.



⚡ Power Hubs = access points for power devices

TIP: For greater flexibility at minimal cost, add more Power Hubs and connect shorter Powertracs.

How much data do you need?



0-4 cables

Typical for conference rooms

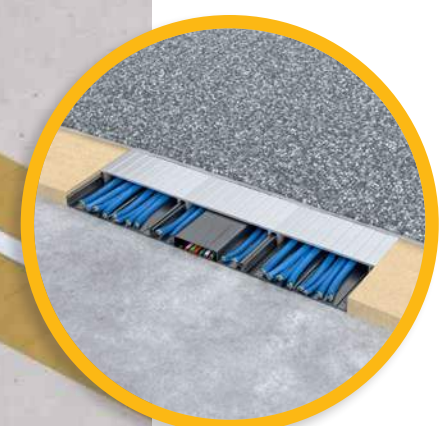
Turn to Next Page



5-14 cables

Typical for up to seven workstations

Turn to Page 16

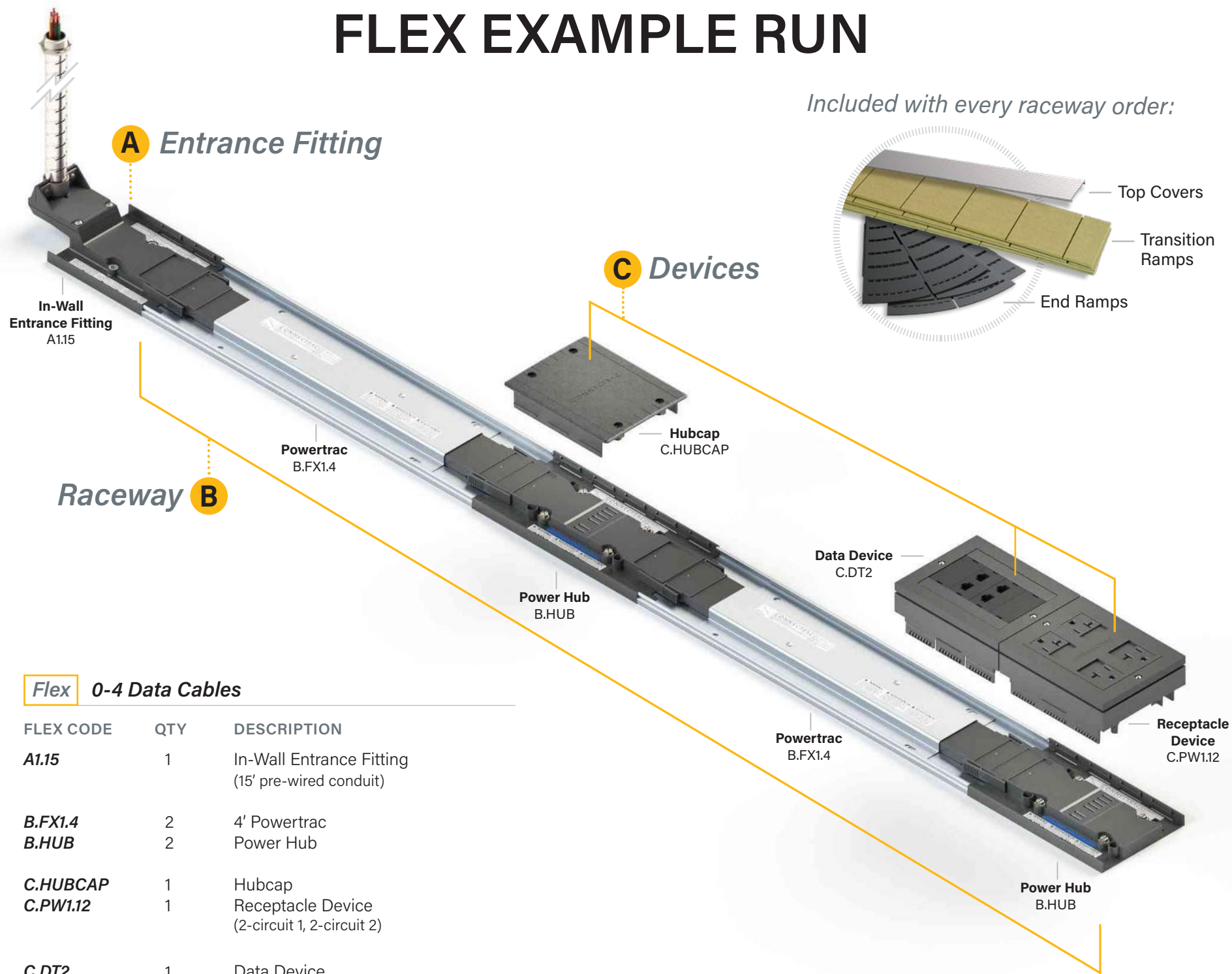


15-24 cables

Typical for up to twelve workstations

Turn to Page 22

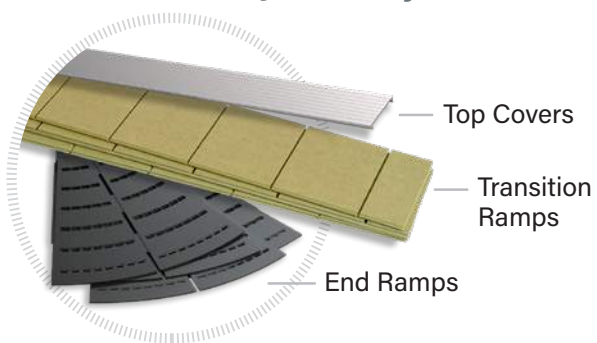
FLEX EXAMPLE RUN



Flex 0-4 Data Cables

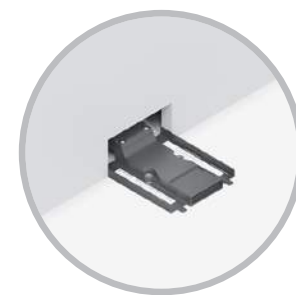
FLEX CODE	QTY	DESCRIPTION
A1.15	1	In-Wall Entrance Fitting (15' pre-wired conduit)
B.FX1.4	2	4' Powertrac
B.HUB	2	Power Hub
C.HUBCAP	1	Hubcap
C.PW1.12	1	Receptacle Device (2-circuit 1, 2-circuit 2)
C.DT2	1	Data Device

Included with every raceway order:

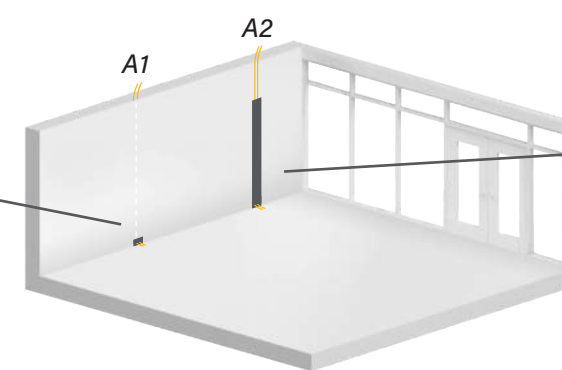


A Entrance Fitting

Choose how your Flex raceways start at the wall.



In-Wall Entrance Fitting



Surface-Mounted Entrance Fitting

FLEX CODE	DESCRIPTION
A1.15	In-Wall Entrance Fitting Use when cabling is running <i>INSIDE</i> the wall: 15' pre-wired conduit
A1.30	30' pre-wired conduit



Base Trim included



FLEX CODE	DESCRIPTION
A2.3	Surface-Mounted Entrance Fitting Use when cabling is running <i>OUTSIDE</i> the wall: 3' pre-wired conduit, 2' Walltrac
A2.15	15' pre-wired conduit, 12' Walltrac
A2.30	30' pre-wired conduit, 12' Walltrac



Transition accessories included



TIP: Use A2.3 to connect to existing wall outlet boxes.

A



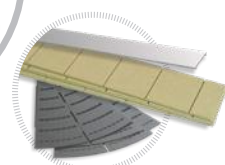
B Raceway

Continue to build your raceways by connecting Powertracs and Power Hubs.

Powertracs



Powertrac



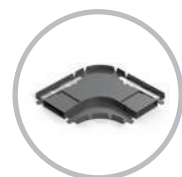
Top Covers & Ramps included

FLEX CODE	DESCRIPTION
B.FX1.____	Powertrac <i>Pre-wired raceway segments available in standard lengths:</i>
B.FX1.2	2' Powertrac
B.FX1.3	3' Powertrac
B.FX1.4	4' Powertrac
B.FX1.5	5' Powertrac
B.FX1.6	6' Powertrac



Powertrac Extender

B.FX1.EXT	Powertrac Extender <i>Adds 6" to any of our standard Powertrac lengths</i>
------------------	--



Powertrac Corner

B.FX1.90	Powertrac Corner <i>Allows raceway to make a 90° turn</i>
-----------------	---

Power Hub

FLEX CODE	DESCRIPTION
B.HUB	Power Hub <i>Connects Powertracs & provides access for power devices</i>



Power Hub

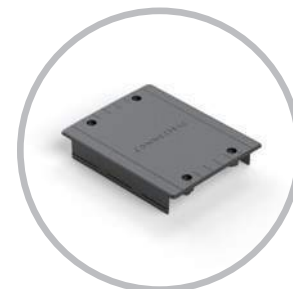
TIP: For greater flexibility at minimal cost, add more Power Hubs and connect shorter Powertracs.

C Devices

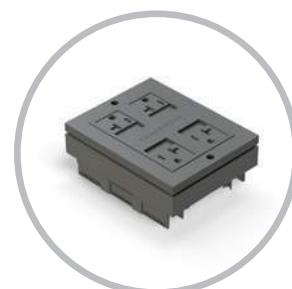
Equip your Flex raceway system with power & data devices.

Power Devices

Choose which devices (if any) you want to snap into your Power Hubs.



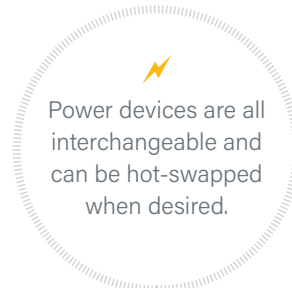
Hubcap



Receptacle Device



Hardwire Device



FLEX CODE	DESCRIPTION
C.HUBCAP	Hubcap <i>Creates a walkable surface and makes power easily accessible for future needs</i>

C.PW1.____	Receptacle Device <i>Quad device available in various 4-circuit options:</i>
-------------------	--

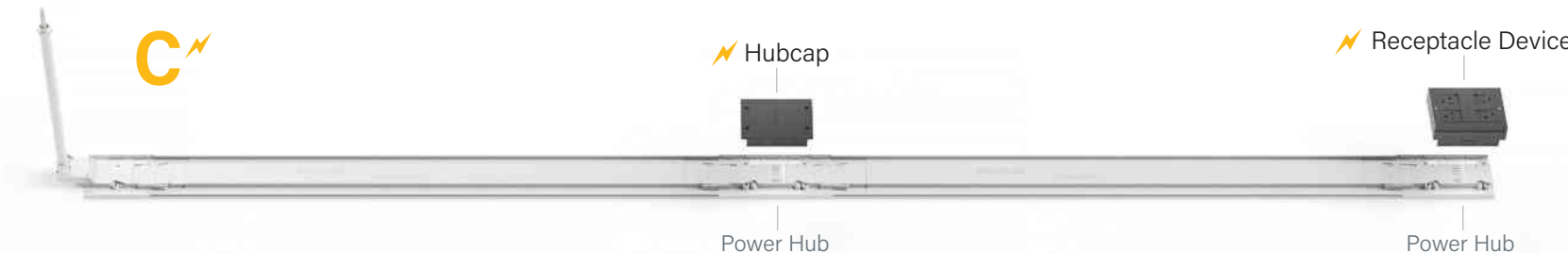
C.PW1.11	All circuit 1
C.PW1.22	All circuit 2
C.PW1.33	All circuit 3
C.PW1.44	All circuit 4
C.PW1.12*	2-circuit 1, 2-circuit 2
C.PW1.34*	2-circuit 3, 2-circuit 4
C.PW1.14*	2-circuit 1, 2-circuit 4

**Controlled devices available (see Technical Guide for more details)*

C.PW2.4	Hardwire Device <i>4-circuit monument that connects to most furniture base feeds</i>
----------------	--



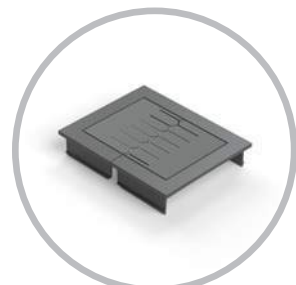
**Powertrac measurements are based on the on-center distance between the Entrance Fitting and/or Power Hubs.*



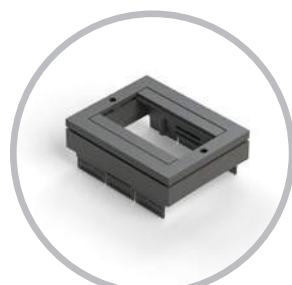
C Devices

Equip your Flex raceway system with power & data devices.

Data Devices These devices go anywhere on the raceway.



Grommet



Data Device

Data devices easily snap next to any power device.

FLEX CODE	DESCRIPTION
C.DT1	Grommet Allows cables to enter/exit raceway
C.DT2	Data Device Fits up to 8 low-voltage keystone modules



C

Data Device

Optional Accessories

Enhance your raceways with these additional options.

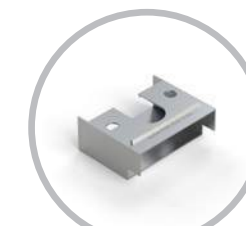


Accessories

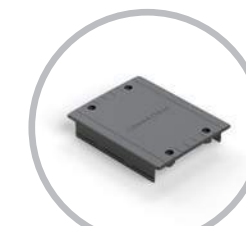
FLEX CODE	DESCRIPTION
VWM	Vertical Wire Manager Attaches to any power or data device to manage cabling
RIF	Rough-In Frame Installed before drywall to provide a rough opening for cabling
C.HUBCAP	Extra Hubcap Creates a walkable surface and makes power easily accessible for future needs



Vertical Wire Manager



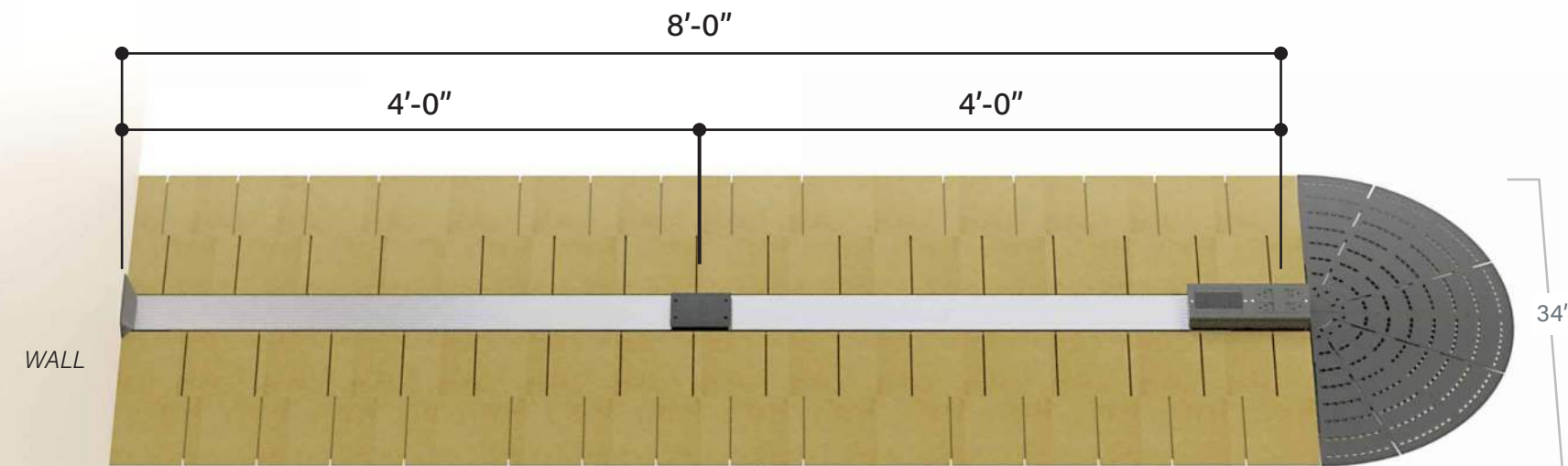
Rough-In Frame



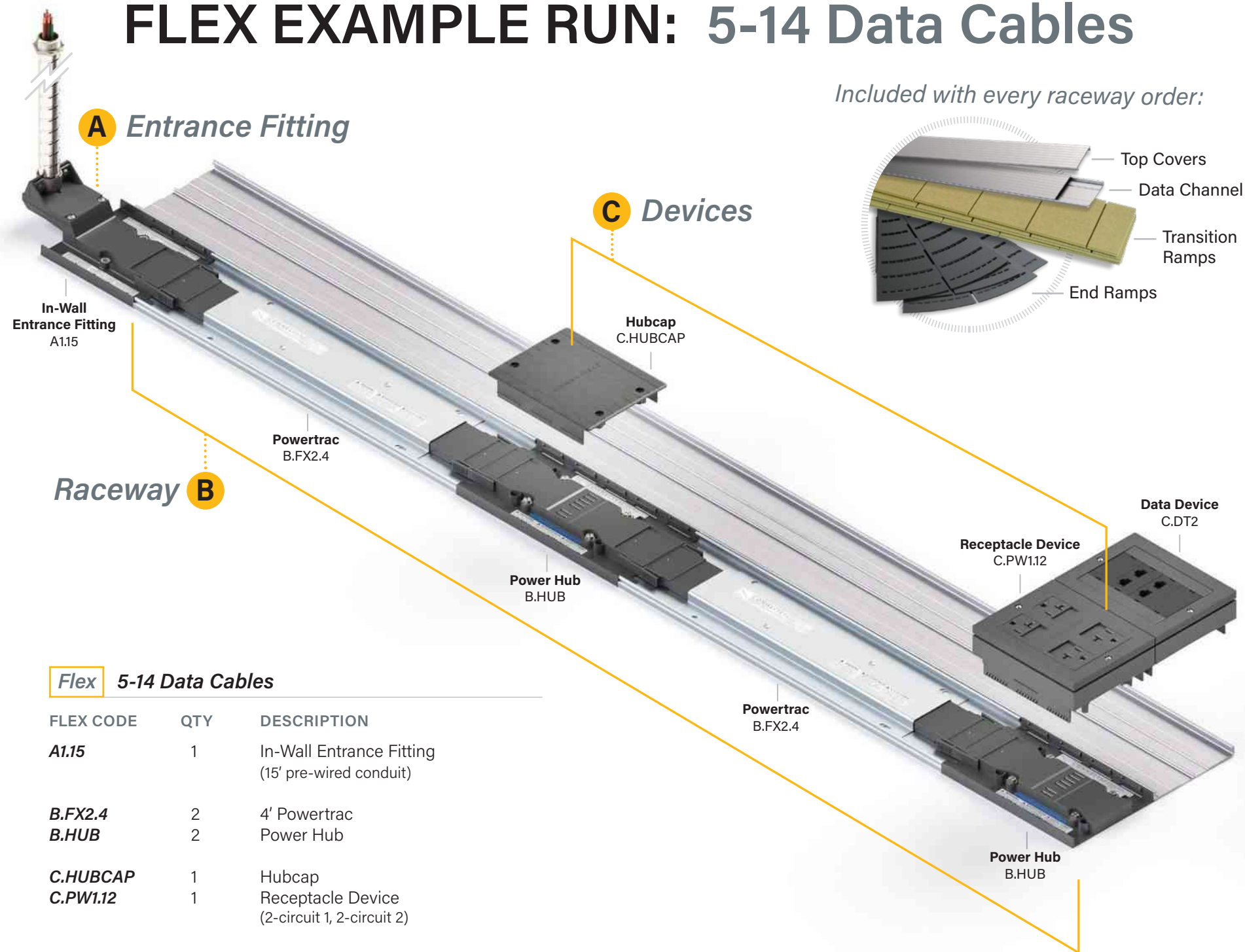
Extra Hubcap

Complete Raceway

Shown with Top Covers, Transition Ramps, and End Ramps installed.



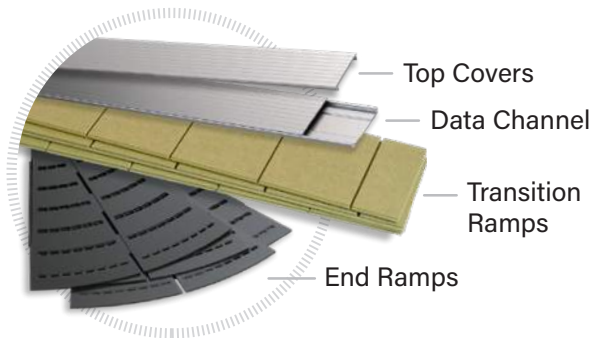
FLEX EXAMPLE RUN: 5-14 Data Cables



Flex 5-14 Data Cables

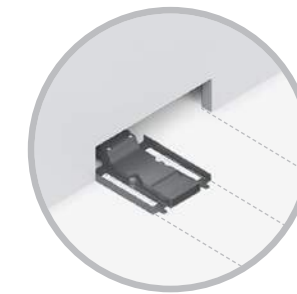
FLEX CODE	QTY	DESCRIPTION
A1.15	1	In-Wall Entrance Fitting (15' pre-wired conduit)
B.FX2.4	2	4' Powertrac
B.HUB	2	Power Hub
C.HUBCAP	1	Hubcap
C.PW1.12	1	Receptacle Device (2-circuit 1, 2-circuit 2)
C.DT2	1	Data Device

Included with every raceway order:

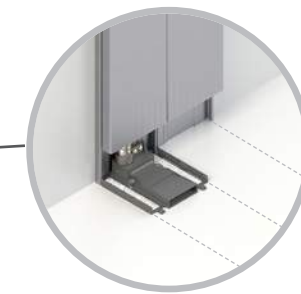
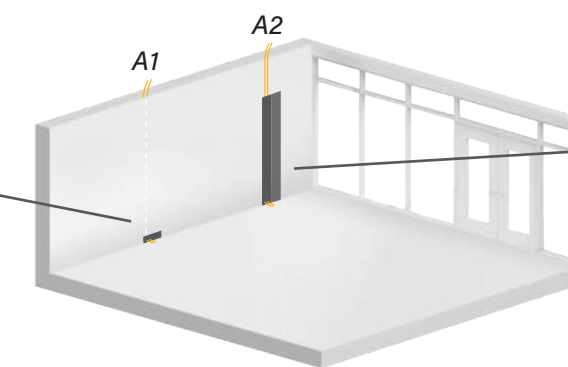


A Entrance Fitting

Choose how your Flex raceways start at the wall.

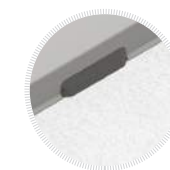


In-Wall Entrance Fitting



Surface-Mounted Entrance Fitting

FLEX CODE	DESCRIPTION
A1.15	In-Wall Entrance Fitting Use when cabling is running <i>INSIDE</i> the wall: 15' pre-wired conduit
A1.30	30' pre-wired conduit



Base Trim included

FLEX CODE	DESCRIPTION
A2.3	Surface-Mounted Entrance Fitting Use when cabling is running <i>OUTSIDE</i> the wall: 3' pre-wired conduit, 2' Walltrac
A2.15	15' pre-wired conduit, 12' Walltrac
A2.30	30' pre-wired conduit, 12' Walltrac



Transition accessories included

TIP: Use A2.3 to connect to existing wall outlet boxes.

A

Wall Entrance Fitting

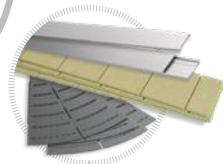


B Raceway Continue to build your raceways by connecting Powertracs and Power Hubs.

Powertracs

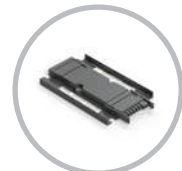


Powertrac



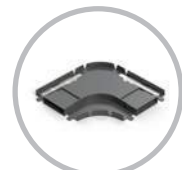
Top Covers, Data Channel & Ramps included

FLEX CODE	DESCRIPTION
B.FX2. __	Powertrac <i>Pre-wired raceway segments available in standard lengths:</i>
B.FX2.2	2' Powertrac
B.FX2.3	3' Powertrac
B.FX2.4	4' Powertrac
B.FX2.5	5' Powertrac
B.FX2.6	6' Powertrac



Powertrac Extender

B.FX2.EXT	Powertrac Extender <i>Adds 6" to any of our standard Powertrac lengths</i>
------------------	--



Powertrac Corner

B.FX2.90	Powertrac Corner <i>Allows raceway to make a 90° turn</i>
-----------------	---



Datatrac Corner included

Power Hub

FLEX CODE	DESCRIPTION
B.HUB	Power Hub <i>Connects Powertracs & provides access for power devices</i>



Power Hub

TIP: For greater flexibility at minimal cost, add more Power Hubs and connect shorter Powertracs.

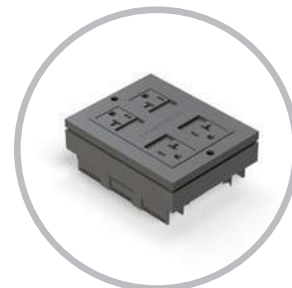
C Devices Equip your Flex raceway system with power & data devices.

Power Devices

Choose which devices (if any) you want to snap into your Power Hubs.



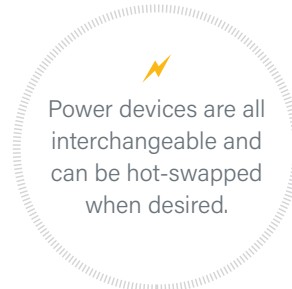
Hubcap



Receptacle Device



Hardwire Device



Power devices are all interchangeable and can be hot-swapped when desired.

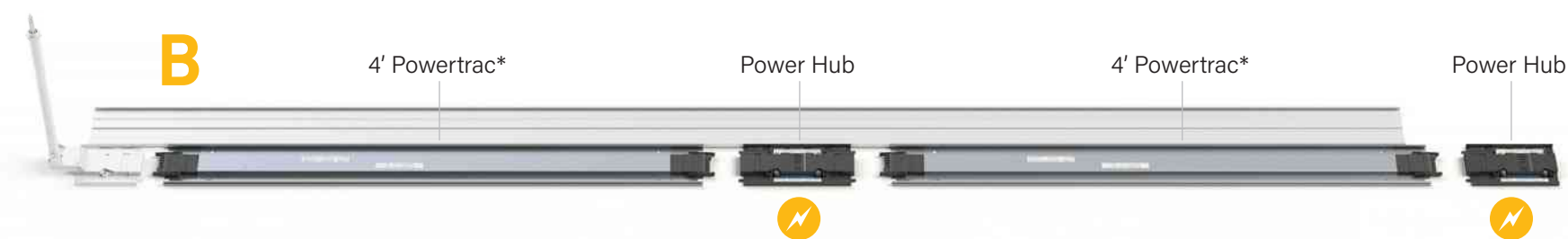
FLEX CODE	DESCRIPTION
C.HUBCAP	Hubcap <i>Creates a walkable surface and makes power easily accessible for future needs</i>

C.PW1. __	Receptacle Device <i>Quad device available in various 4-circuit options:</i>
------------------	--

C.PW1.11	All circuit 1
C.PW1.22	All circuit 2
C.PW1.33	All circuit 3
C.PW1.44	All circuit 4
C.PW1.12*	2-circuit 1, 2-circuit 2
C.PW1.34*	2-circuit 3, 2-circuit 4
C.PW1.14*	2-circuit 1, 2-circuit 4

**Controlled devices available (see Technical Guide for more details)*

C.PW2.4	Hardwire Device <i>4-circuit monument that connects to most furniture base feeds</i>
----------------	--



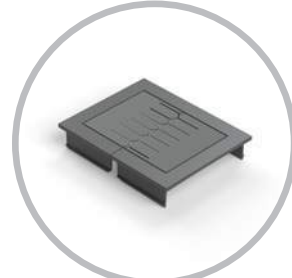
**Powertrac measurements are based on the on-center distance between the Entrance Fitting and/or Power Hubs.*



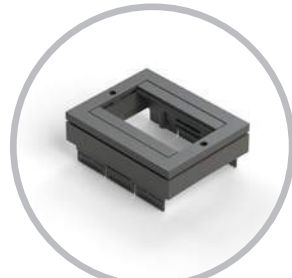
C Devices

Equip your Flex raceway system with power & data devices.

Data Devices These devices go anywhere on the raceway.



Grommet



Data Device

Data devices easily snap next to any power device.

FLEX CODE	DESCRIPTION
C.DT1	Grommet Allows cables to enter/exit raceway
C.DT2	Data Device Fits up to 8 low-voltage keystone modules



Optional Accessories

Enhance your raceways with these additional options.

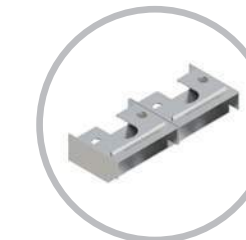


Accessories

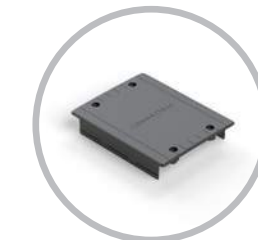
FLEX CODE	DESCRIPTION
VWM	Vertical Wire Manager Attaches to any power or data device to manage cabling
RIF	Rough-In Frame Installed before drywall to provide a rough opening for cabling
C.HUBCAP	Extra Hubcap Creates a walkable surface and makes power easily accessible for future needs



Vertical Wire Manager



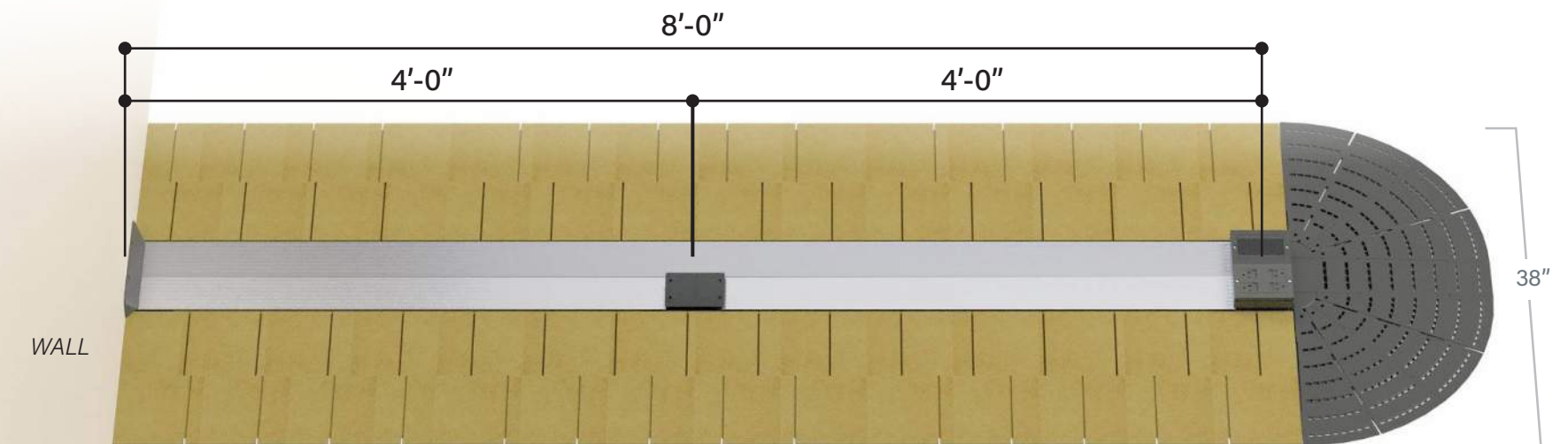
Rough-In Frame



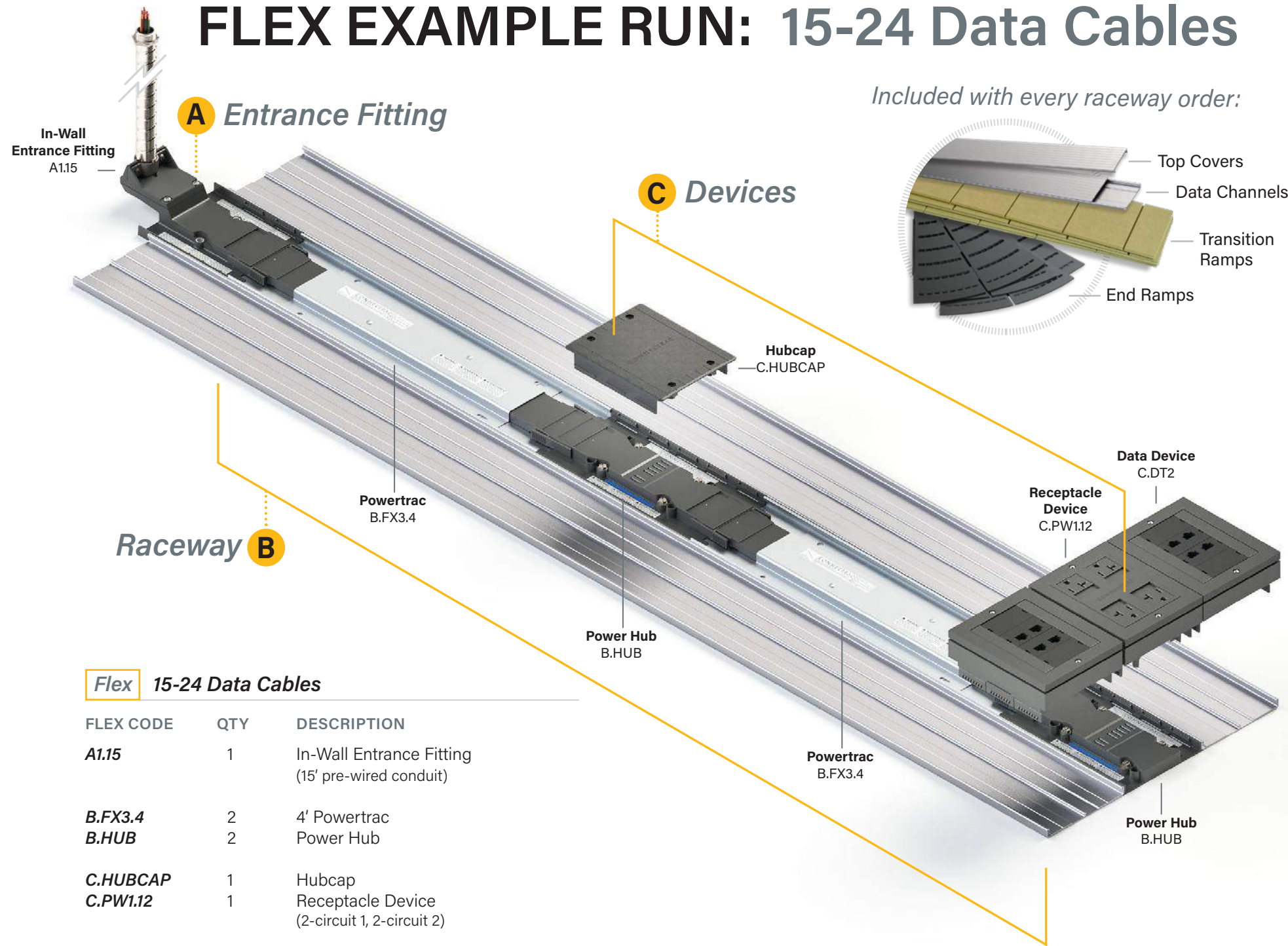
Extra Hubcap

Complete Raceway

Shown with Top Covers, Transition Ramps, and End Ramps installed.



FLEX EXAMPLE RUN: 15-24 Data Cables

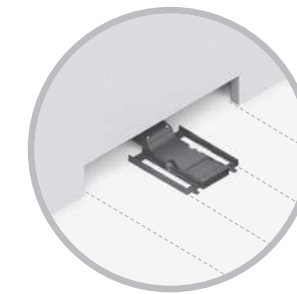


Flex 15-24 Data Cables

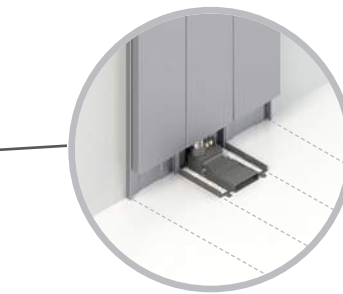
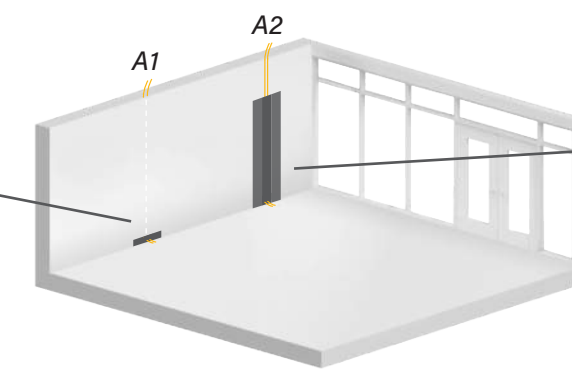
FLEX CODE	QTY	DESCRIPTION
A1.15	1	In-Wall Entrance Fitting (15' pre-wired conduit)
B.FX3.4	2	4' Powertrac
B.HUB	2	Power Hub
C.HUBCAP	1	Hubcap
C.PW1.12	1	Receptacle Device (2-circuit 1, 2-circuit 2)
C.DT2	2	Data Device

A Entrance Fitting

Choose how your Flex raceways start at the wall.

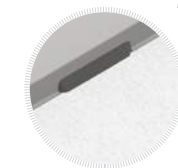


In-Wall Entrance Fitting



Surface-Mounted Entrance Fitting

FLEX CODE	DESCRIPTION
A1.15	In-Wall Entrance Fitting Use when cabling is running <i>INSIDE</i> the wall: 15' pre-wired conduit
A1.30	30' pre-wired conduit



Base Trim included

FLEX CODE	DESCRIPTION
A2.3	Surface-Mounted Entrance Fitting Use when cabling is running <i>OUTSIDE</i> the wall: 3' pre-wired conduit, 2' Walltrac
A2.15	15' pre-wired conduit, 12' Walltrac
A2.30	30' pre-wired conduit, 12' Walltrac



Transition accessories included

TIP: Use A2.3 to connect to existing wall outlet boxes.



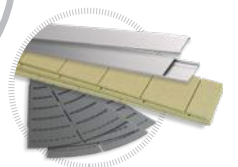
B Raceway

Continue to build your raceways by connecting Powertracs and Power Hubs.

Powertracs



Powertrac



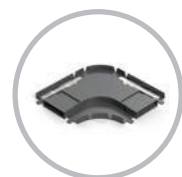
Top Covers, Data Channels & Ramps included

FLEX CODE	DESCRIPTION
B.FX3. __	Powertrac Pre-wired raceway segments available in standard lengths:
B.FX3.2	2' Powertrac
B.FX3.3	3' Powertrac
B.FX3.4	4' Powertrac
B.FX3.5	5' Powertrac
B.FX3.6	6' Powertrac



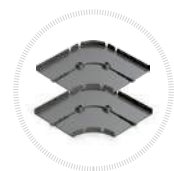
Powertrac Extender

B.FX3.EXT **Powertrac Extender**
Adds 6" to any of our standard Powertrac lengths



Powertrac Corner

B.FX3.90 **Powertrac Corner**
Allows raceway to make a 90° turn



Datatrac Corners included

Power Hub

FLEX CODE	DESCRIPTION
B.HUB	Power Hub Connects Powertracs & provides access for power devices



Power Hub

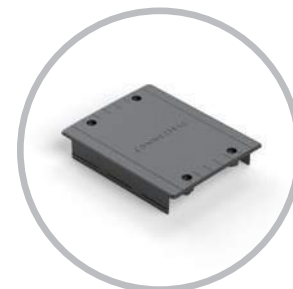
TIP: For greater flexibility at minimal cost, add more Power Hubs and connect shorter Powertracs.

C Devices

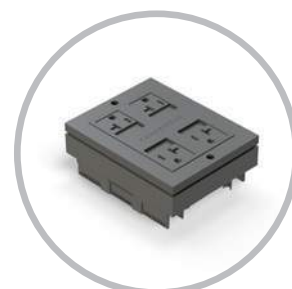
Equip your Flex raceway system with power & data devices.

Power Devices

Choose which devices (if any) you want to snap into your Power Hubs.



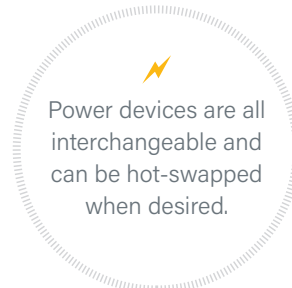
Hubcap



Receptacle Device



Hardwire Device



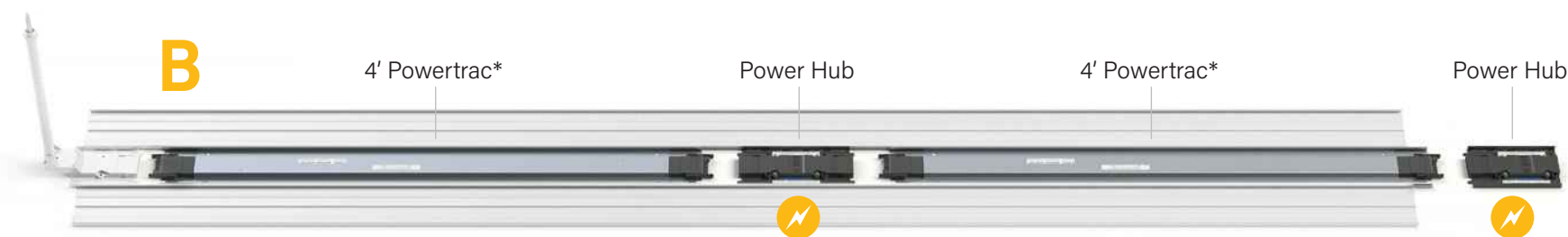
FLEX CODE	DESCRIPTION
C.HUBCAP	Hubcap Creates a walkable surface and makes power easily accessible for future needs

C.PW1.__ **Receptacle Device**
Quad device available in various 4-circuit options:

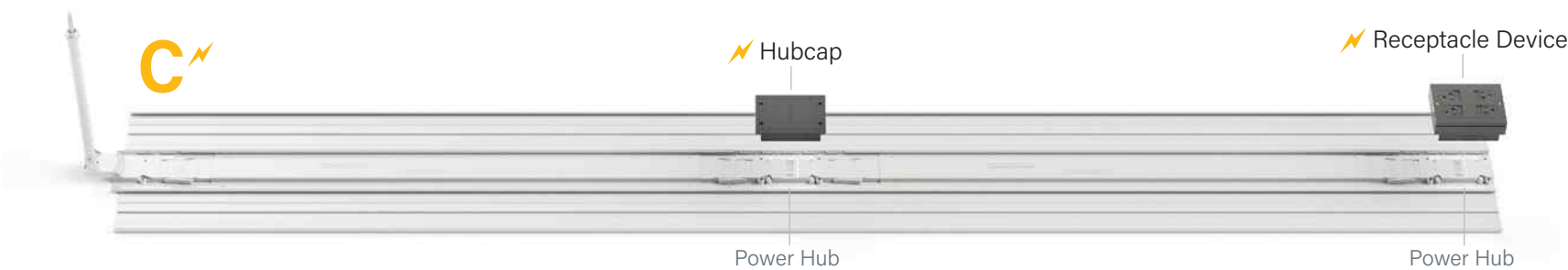
C.PW1.11	All circuit 1
C.PW1.22	All circuit 2
C.PW1.33	All circuit 3
C.PW1.44	All circuit 4
C.PW1.12*	2-circuit 1, 2-circuit 2
C.PW1.34*	2-circuit 3, 2-circuit 4
C.PW1.14*	2-circuit 1, 2-circuit 4

*Controlled devices available (see Technical Guide for more details)

C.PW2.4 **Hardwire Device**
4-circuit monument that connects to most furniture base feeds



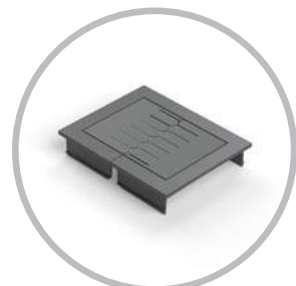
*Powertrac measurements are based on the on-center distance between the Entrance Fitting and/or Power Hubs.



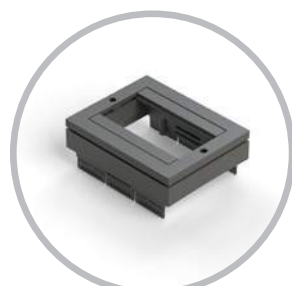
C Devices

Equip your Flex raceway system with power & data devices.

Data Devices These devices go anywhere on the raceway.



Grommet



Data Device

Data devices easily snap next to any power device.

FLEX CODE	DESCRIPTION
C.DT1	Grommet Allows cables to enter/exit raceway
C.DT2	Data Device Fits up to 8 low-voltage keystone modules



Optional Accessories

Enhance your raceways with these additional options.



Accessories

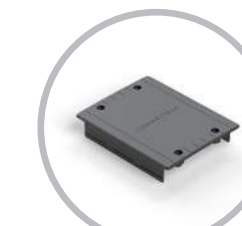
FLEX CODE	DESCRIPTION
VWM	Vertical Wire Manager Attaches to any power or data device to manage cabling
RIF	Rough-In Frame Installed before drywall to provide a rough opening for cabling
C.HUBCAP	Extra Hubcap Creates a walkable surface and makes power easily accessible for future needs



Vertical Wire Manager



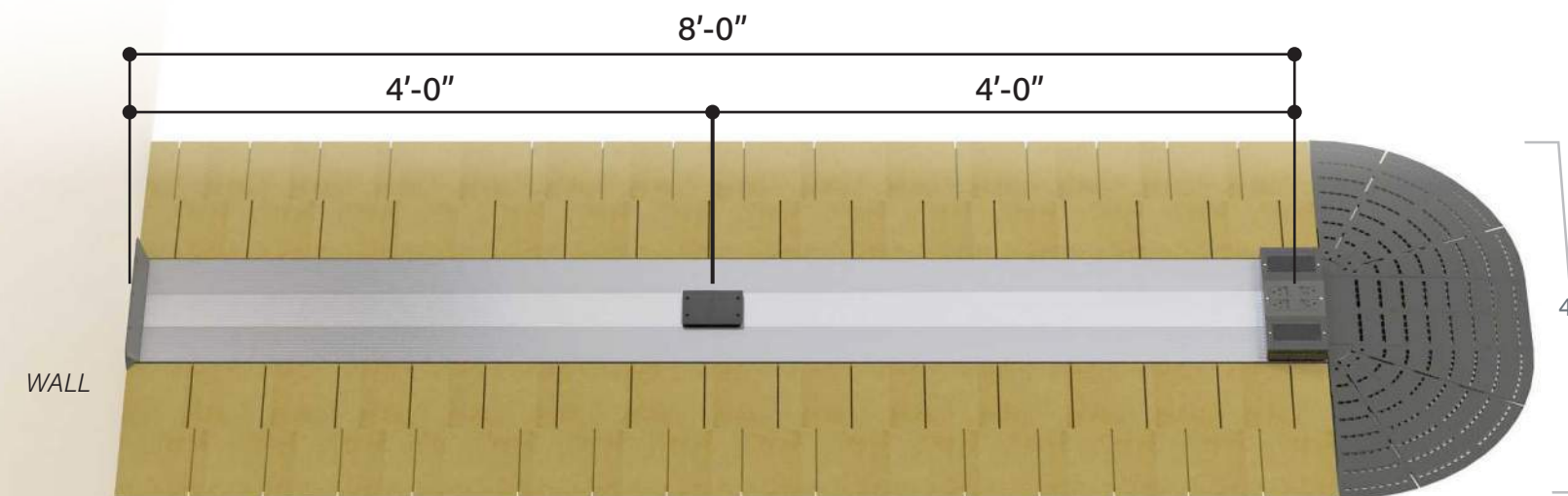
Rough-In Frame

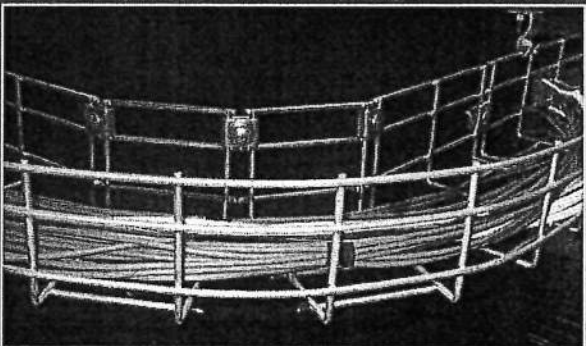
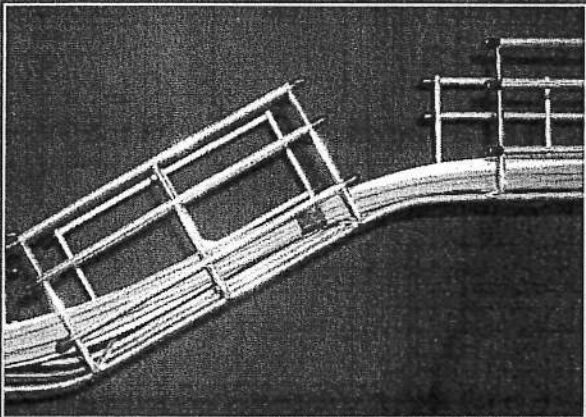
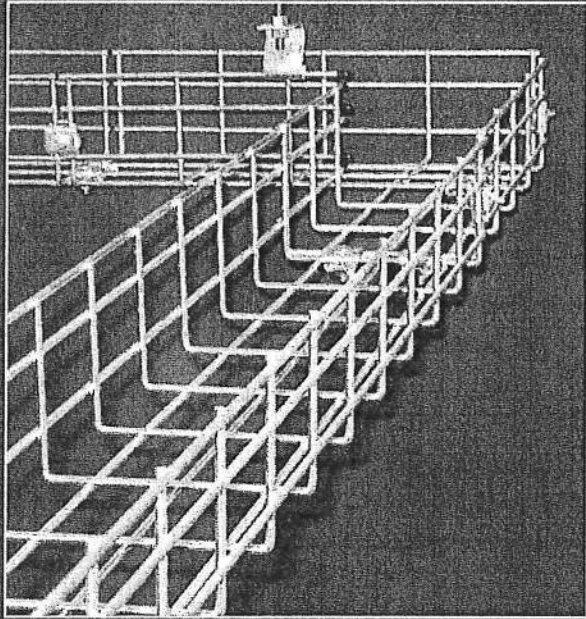


Extra Hubcap

Complete Raceway

Shown with Top Covers, Transition Ramps, and End Ramps installed.





Made of heavy-gauge zinc plated wire mesh, CER basket tray is ideal for your commercial or industrial cable management project.

A full range of cable tray sizes, hardware and accessories are available to accommodate even the most complex cable tray layout easily and affordably.

Electrical and communications contractors, engineers and architects depend on CER for quality cable management products. Please contact us for further information on basket tray including technical data and pricing.

- Simple easy installation
- Fewer parts than conventional cable tray
- Less complex installation
- Lower costs in labour and material
- Most sizes available from stock

CER Wire Basket Tray is constructed using high quality carbon steel wire, welded and formed to make a rigid wire mesh cable management system.

Standard finish is zinc chromate electro-plating. Hot Dip Galvanizing and Polyester Powder Coating are also available.

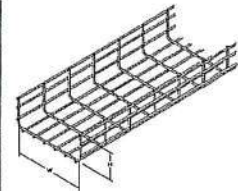
Standard mesh pattern is 2" x 4"

Tray length 10 feet.

Standard tray widths and heights are shown on page 2. Other sizes available upon request.

STRAIGHT BASKET TRAY SECTIONS

PART NUMBER	"H" HEIGHT (in)	NOMINAL "W" WIDTH (in)	LONGITUDAL WIRE DIA (mm)	TRANSVERSE WIRE DIA (mm)
BT2-4	2	4	5.0	5.0
BT2-6	2	6	5.0	5.0
BT2-8	2	8	5.0	5.0
BT2-10	2	10	5.0	5.0
BT2-12	2	12	5.0	5.0
BT2-14	2	14	5.0	5.0
BT2-16	2	16	5.0	5.0
BT2-18	2	18	5.0	5.0
BT2-20	2	20	5.0	5.0
BT2-22	2	22	6.0	5.0
BT2-24	2	24	6.0	5.0
BT4-4	4	4	6.0	5.0
BT4-6	4	6	6.0	5.0
BT4-8	4	8	6.0	5.0
BT4-10	4	10	6.0	5.0
BT4-12	4	12	6.0	5.0
BT4-14	4	14	6.0	5.0
BT4-16	4	16	6.0	5.0
BT4-18	4	18	6.0	5.0
BT4-20	4	20	6.0	5.0
BT4-22	4	22	6.0	5.0
BT4-24	4	24	6.0	5.0
BT4-28	4	28	6.0	5.0
BT6-8	6	8	6.0	5.0
BT6-10	6	10	6.0	5.0
BT6-12	6	12	6.0	5.0
BT6-16	6	16	6.0	5.0
BT6-18	6	18	6.0	5.0
BT6-20	6	20	6.0	5.0
BT6-24	6	24	6.0	5.0

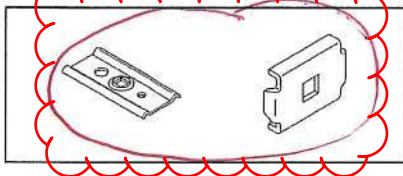


RECOMMENDED SPACING FOR SUPPORTS IS 5' 0"

The appropriate number of BTC coupling sets and BBJ base connection kits with hardware are supplied with each section of wire basket tray.

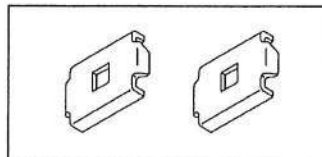
BTC COUPLING ASSEMBLY

One set with hardware supplied with each section of tray



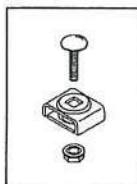
BBJ BASE CONNECTION KIT ASSEMBLY

Appropriate Quantities with hardware to connect straight sections of tray base included with each section of tray.



BTF FITTING CLIP ASSEMBLY

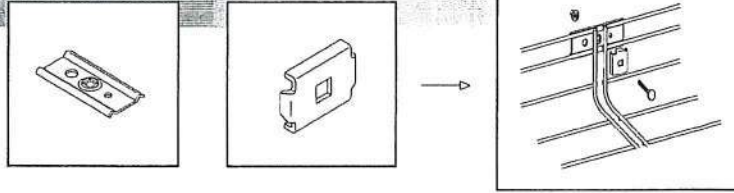
Used to construct Elbows & Tees
See fitting chart for ordering instructions



ASSEMBLY INSTRUCTIONS FOR STRAIGHT LENGTHS OF TRAY

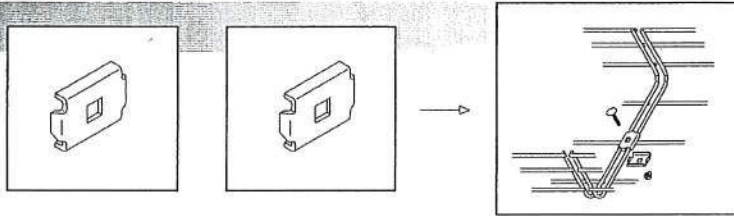
SIDE WALL CONNECTION

Use BTC coupling assembly



BASE CONNECTION

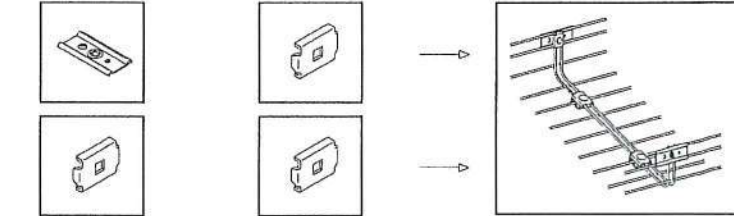
Use BBJ connection kit



NOTE:

CER couplings provide a tray splice which is stronger than the actual tray. This allows for placement of couplings at any point in support span.

A few modular components allow quick and easy coupling of all tray sizes.



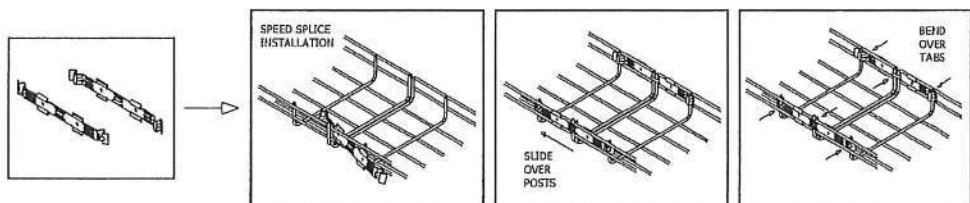
COUPLING INSTALLATION HARDWARE SUPPLIED

Cable Tray Width	Qty of BTC couplings	Qty of BBJ bases	Qty of 1/4" Bolt & Nut
4"	2	2	3
6"	2	2	3
8"	2	2	3
10"	2	2	3
12"	2	2	3
14"	2	4	4
16"	2	4	4
18"	2	6	5
20"	2	6	5
22"	2	8	6
24"	2	8	6

OPTIONAL COUPLING METHOD

BT-QC SPEED SPLICE

Snap on speed splice can be ordered for a quick and easy coupling installation using no special tools or hardware.



HORIZONTAL 90 RADIUS ELBOW CONSTRUCTION

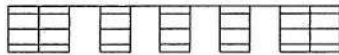
Bends are easily constructed by cutting the bottom, and side wires using the cutting patterns shown below

Ordering instructions for the fitting clips used to join the cut tray sections shown the part numbers and quantity of clip assemblies included for each item.

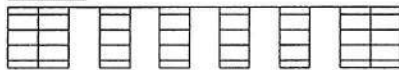
4" WIDTH



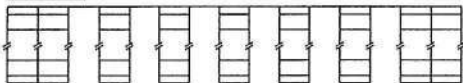
6" WIDTH



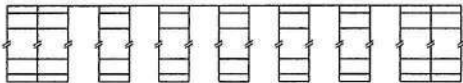
8" WIDTH



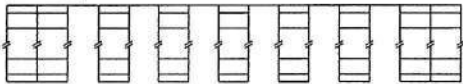
10" WIDTH



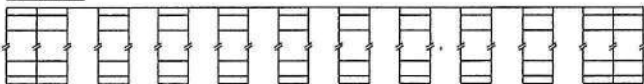
12" WIDTH



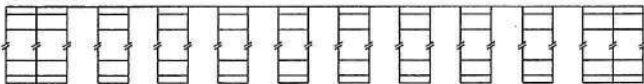
14" WIDTH



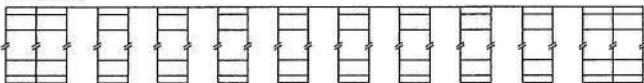
16" WIDTH



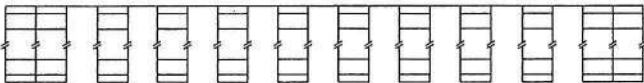
18" WIDTH



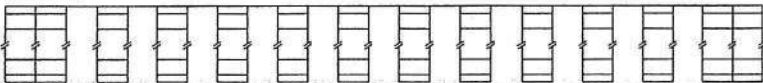
20" WIDTH



22" WIDTH

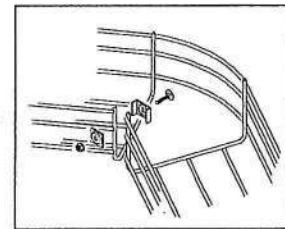
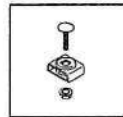


24" WIDTH

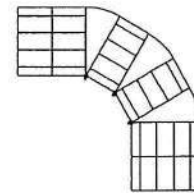


RADIUS BEND HARDWARE KITS

Part #	Tray Width	QTY of BTF Assys Included	Bend Radius
BT-H90-4	4"	1	-
BT-H90-6	6"	2	6"
BT-H90-8	8"	4	12"
BT-H90-10	10"	6	20"
BT-H90-12	12"	6	20"
BT-H90-14	14"	6	20"
BT-H90-16	16"	8	24"
BT-H90-18	18"	8	24"
BT-H90-20	20"	9	28"
BT-H90-22	22"	9	28"
BT-H90-24	24"	10	30"



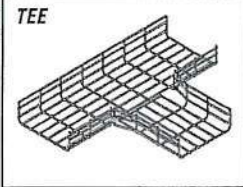
90° HORIZONTAL ELBOW
(RADIUS CORNER)



FITTING CONSTRUCTION

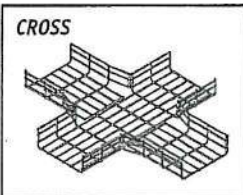
TEE FITTING HARDWARE KIT

BT-T Tee kit (2 BTF assemblies)



CROSS FITTING HARDWARE KIT

BT-X Cross kit (4 BTF assemblies)

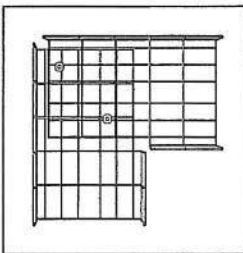


NON RADIUSED BENDS

A simple and inexpensive method of creating 90° directional changes in tray

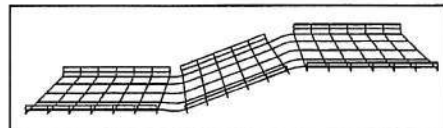
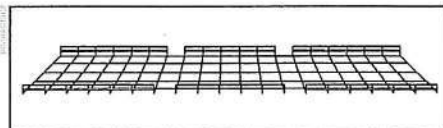
NON-RADIUSED BEND HARDWARE KITS

Part #	Tray Width	QTY of BBJ Assys Included	Part #	Tray Width	QTY of BBJ Assys Included
BT-S90-4	4"	1	BT-S90-16	16"	2
BT-S90-6	6"	1	BT-S90-18	18"	2
BT-S90-8	8"	1	BT-S90-20	20"	3
BT-S90-10	10"	2	BT-S90-22	22"	3
BT-S90-12	12"	2	BT-S90-24	24"	3
BT-S90-14	14"	2			



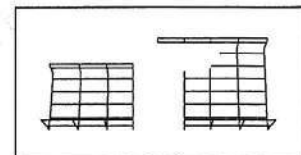
VERTICAL OFFSETS

Vertical elevations changes can be achieved with out hardware. Simply cut tray section in desired location and bend.



REDUCER

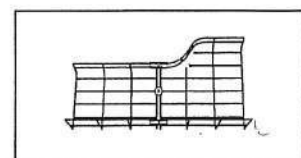
Reducers can easily be made joining tray of different widths



REDUCER KITS

BT-R reducer kit

Contains 2 BTC coupling kits
And 2 BBJ base connection kits

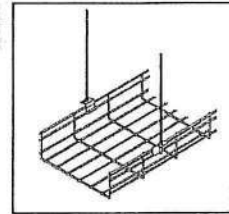
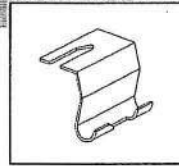


HANGING ACCESSORIES

TRAPEZE CLIP

BT-TRZ

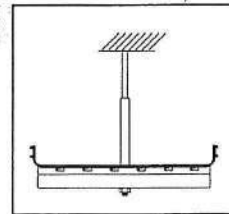
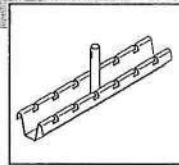
Trapeze hanger for easy hanging of tray system.
(3/8" threaded rod by others)



CENTRE HUNG TRAY

BT-4CH 4"
BT-6CH 6"
BT-8CH 8"
BT-10CH 10"
BT-12CH 12"
BT-14CH 14"

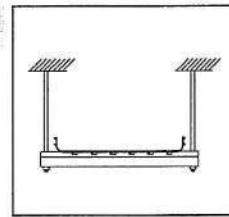
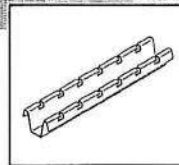
BT-16CH 16"
BT-18CH 18"
BT-20CH 20"
BT-22CH 22"
BT-24CH 24"



TRAPEZE HANGERS

BT-4TH 4"
BT-6TH 6"
BT-8TH 8"
BT-10TH 10"
BT-12TH 12"
BT-14TH 14"

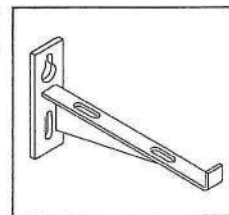
BT-16TH 16"
BT-18TH 18"
BT-20TH 20"
BT-22TH 22"
BT-24TH 24"



WALL BRACKETS

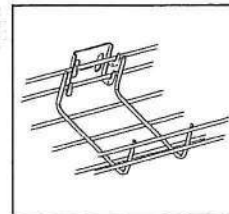
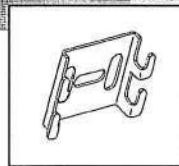
BT-4WB 4"
BT-6WB 6"
BT-8WB 8"
BT-10WB 10"
BT-12WB 12"
BT-14WB 14"

BT-16WB 16"
BT-18WB 18"
BT-20WB 20"
BT-22WB 22"
BT-24WB 24"



WALL ATTACHMENT BRACKET

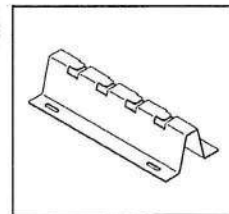
Attaches 2" tray to wall.
Crimp legs to attach to tray
No screws required
Also attaches boxes to tray



UNDERFLOOR SUPPORT

UNDERFLOOR SUPPORT STAND

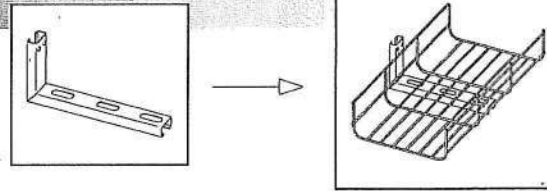
Available in 3", 4" and 6" heights
BT-FS3-4 3" high stand for 4" wide tray
Change 3 to 4 or 6 for greater heights
Change last digit for appropriate tray width



CANTILEVER SUPPORT

Cantilever support for use under access floors

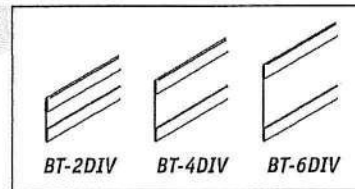
BT-CL-4 for 4" BT-CL-16 for 16"
 BT-CL-6 for 6" BT-CL-18 for 18"
 BT-CL-8 for 8" BT-CL-20 for 20"
 BT-CL-10 for 10" BT-CL-22 for 22"
 BT-CL-12 for 12" BT-CL-24 for 24"
 BT-CL-14 for 14"



DIVIDING ACCESSORIES

DIVIDER STRIP

BT-2DIV Divider Strip for 2" high tray
 BT-4DIV Divider Strip for 4" high tray
 BT-6DIV Divider Strip for 6" high tray

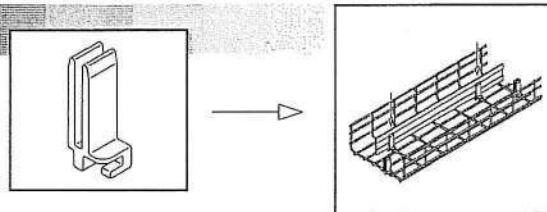


DIVIDER CLIP

BT-DV DIVIDER CLIP

Clip for attachment of Divider.

For 2" high tray use 3 clips per 10 ft. pc. of divider.
 For 4" high tray use 4 clips per 10 ft. pc. of divider.
 For 6" high tray use 4 clips per 10 ft. pc. of divider.



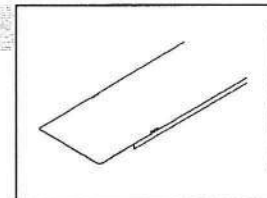
COVERS and COVER ACCESSORIES

SOLID TRAY COVER

Protects tray contents from dirt & debris. Supplied in 10 foot lengths.

Cable tray width	Part Number
4"	BT-CVR4
6"	BT-CVR6
8"	BT-CVR8
10"	BT-CVR10
12"	BT-CVR12
14"	BT-CVR14

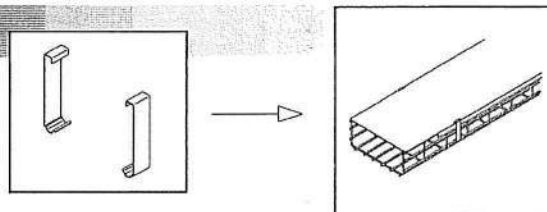
Cable tray width	Part Number
16"	BT-CVR16
18"	BT-CVR18
20"	BT-CVR20
22"	BT-CVR22
24"	BT-CVR24



COVER HOLD DOWN CLIP

Snap on cover hold down clip
 4 required per tray cover

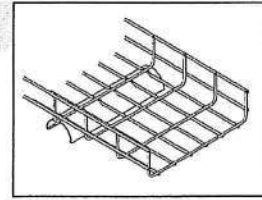
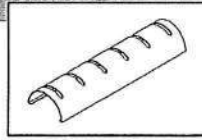
BT-CCLP-2 Clip for 2" high tray
 BT-CCLP-4 Clip for 4" high tray
 BT-CCLP-6 Clip for 6" high tray



DROP OUTS

RADIUSED DROP OUTS

Radiused drop out eliminates sharp bends.
Attaches quickly without fasteners.

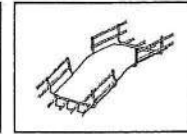
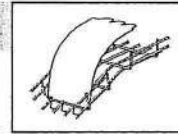
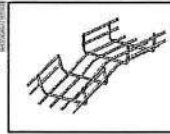
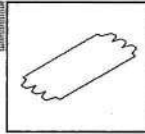


Cable tray width	Part Number
4"	BT-DO4
6"	BT-DO6
8"	BT-DO8
10"	BT-DO10
12"	BT-DO12
14"	BT-DO14

Cable tray width	Part Number
16"	BT-DO16
18"	BT-DO18
20"	BT-DO20
22"	BT-DO22
24"	BT-DO24

BEND PLATES

Bend plates provide smooth surface for
changes in Vertical direction



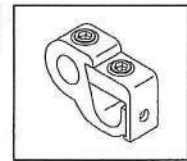
Cable tray width	Part Number
4"	BT-BP4
6"	BT-BP6
8"	BT-BP8
10"	BT-BP10
12"	BT-BP12
14"	BT-BP14

Cable tray width	Part Number
16"	BT-BP16
18"	BT-BP18
20"	BT-BP20
22"	BT-BP22
24"	BT-BP24

GROUND LUG

BT-GRND Ground Lug

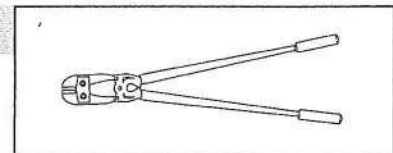
Attaches ground wire directly to tray
No hardware is required.



BOLT CUTTER

BT-BCR

Bolt cutter for cutting tray sections

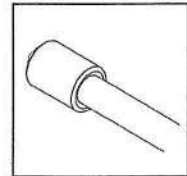
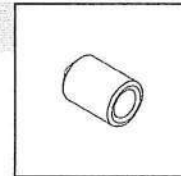


PLASTIC PROTECTOR CAPS

BT-CP1 Cap for 5mm dia. wires

BT-CP2 Cap for 6mm dia. wires

Protects wires from sharp edges due to irregular cuts.
Sold in packages of 100 pcs.



PRODUCT SPECIFICATIONS

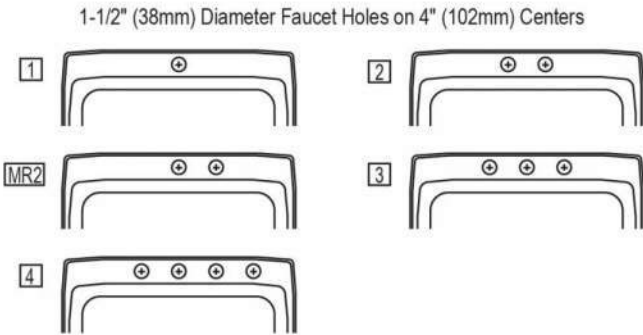
Lustertone® Classic Stainless Steel 25" x 21-1/4" x 5-1/2" Single Bowl Drop-in ADA Sink. Sink is manufactured from 18 gauge 304 Stainless Steel with a Lustrous Satin finish, Rear Center drain placement, and Bottom only pads.

Installation Type:	Drop-in
Material:	304 Stainless Steel
Finish:	Lustrous Satin
Gauge:	18
Sound Deadening:	Bottom only pads
Number of Bowls:	1
Sink Dimensions:	25" x 21-1/4" x 5-1/2"
Bowl 1 Dimensions:	21" x 15-3/4" x 5-3/8"
Drain Size:	3-1/2" (89mm)
Drain Location:	Rear Center
Minimum Cabinet Size:	30"
Mounting Hardware:	Part # 64090012 included for countertops up to 3/4" (19mm) thick
Template Included:	No
Cutout Template #:	1000001245

Template is available for download at elkay.com. CAD software will be required to open the template.

Cutout Dimensions for Drop-in Installation:
24-3/8" x 20-5/8" (619mm x 524mm) with 1-1/2" (38mm) corner radius

Hole Drilling Configurations:



A Century of Tradition and Quality. For more than 100 years, Elkay has been making innovative products and providing exceptional customer care. We take pride in offering plumbing products that make life easier, inspire change and leave the world a better place.



Product Compliance: ADA & ICC A117.1
ASME A112.19.3/CSA B45.4

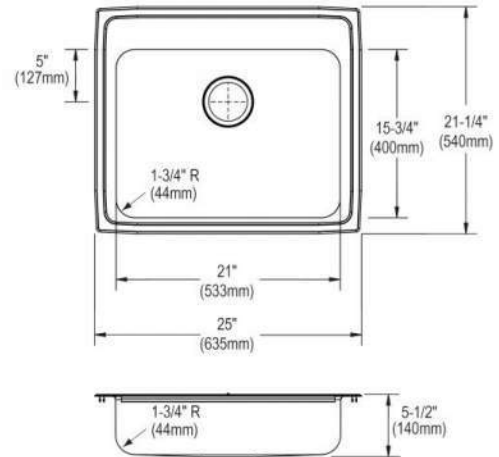


Sinks are listed by IAPMO® as meeting the applicable requirements of the Uniform Plumbing Code®, International Plumbing Code®, and National Plumbing Code of Canada.



Complies with ADA & ICC A117.1 accessibility requirements when installed according to the requirements outlined in these standards.

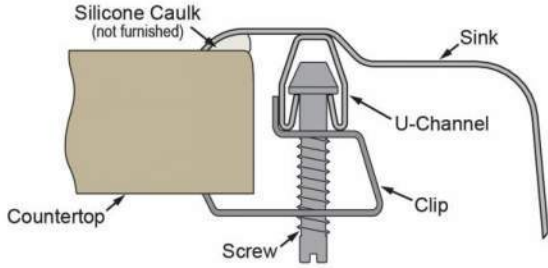
[Clean and Care Manual \(PDF\)](#)
[Installation Instructions \(PDF\) - 100005236](#)
[Warranty \(PDF\)](#)








PART: _____ QTY: _____
PROJECT: _____
CONTACT: _____
DATE: _____
NOTES: _____
APPROVAL: _____

In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice. Please visit elkay.com for the most current version of Elkay product specification sheets. This specification describes an Elkay product with design, quality, and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked. Latest version of the spec sheet available: https://www.elkayfiles.com/spec-sheets/LRAD252155_spec.pdf

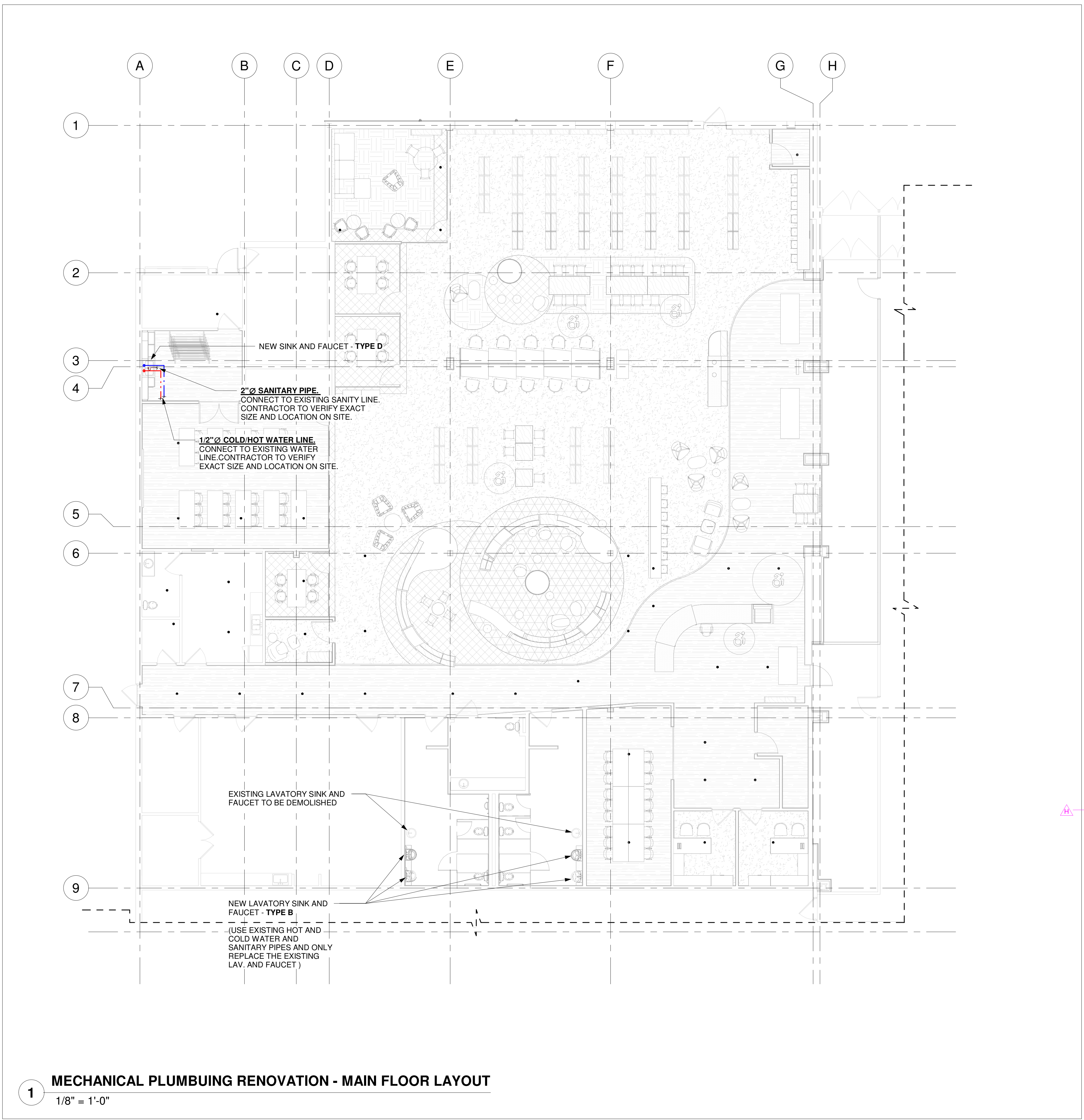
Installation Profile:



Optional Accessories

<p>LKWOBG2115SS</p>	<p>Elkay Stainless Steel 20" x 14-3/4" x 1" Bottom Grid Spec Sheet (PDF)</p>	
<p>CB1516</p>	<p>Elkay Hardwood 15" x 16-3/4" x 3/4" Cutting Board Spec Sheet (PDF)</p>	
<p>LK99</p>	<p>Deluxe 3-1/2" Drain Type 304 Stainless Steel Body Strainer Basket Rubber Seal and Tailpiece Spec Sheet (PDF)</p>	
<p>LKAD35</p>	<p>3-1/2" Drain Fitting" Stainless Steel Body Strainer Basket and Offset Tailpiece Spec Sheet (PDF)</p>	
<p>LKGT1041</p>	<p>Elkay Gourmet Single Hole Kitchen Faucet Pull-out Spray and Lever Handle with Hi and Mid-rise Base Options Spec Sheet (PDF)</p>	

In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice. Please visit elkay.com for the most current version of Elkay product specification sheets. This specification describes an Elkay product with design, quality, and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked. Latest version of the spec sheet available: https://www.elkayfiles.com/spec-sheets/LRAD252155_spec.pdf



- MECHANICAL SANITARY NOTES:**
- ALL WORK SHALL BE EXECUTE BY LICENCE PLUMBER.
 - ABOVE GROUND DRAIN, WASTE AND VENT PIPING: PVC DWV (INSIDE LOW BUILDINGS) SHALL BE IPEX SYSTEM 15 DWV TO CAN/CSA B181.2, WITH A FLAME SPREAD RATING NOT MORE THAN 25, WITH SOLVENT WELD JOINTS OR MJ GREY MECHANICAL JOINT COUPLINGS. SYSTEM 15 IS NOT PERMITTED INSIDE HIGH BUILDINGS OR PLENUMS.
 - PVC DWV (INSIDE BUILDINGS CLASSIFIED AS "HIGH BUILDINGS" AND INSIDE PLENUMS) SHALL BE IPEX SYSTEM XFR DWV TO CAN/CSA B181.2, WITH A FLAME SPREAD RATING NOT MORE THAN 25 AND SMOKE DEVELOPED CLASSIFICATION NOT MORE THAN 50, WITH SOLVENT WELD JOINTS OR MJ GREY MECHANICAL JOINT COUPLINGS.
 - BURIED DRAINAGE PIPING SHALL BE IPEX RING-TITE SDR 35 OR SDR 28 SEWER PIPE TO CAN/CSA B182.2 WITH GASKETED JOINTS.
 - FIELD VERIFY EXACT LOCATION OF EXISTING SANITARY, DIRECTION OF FLOW, INVERT, SIZE AND POINT OF CONNECTION, BEFORE ANY PLUMBING IS STARTED.
 - CONNECT NEW SANITARY LINE INTO EXISTING SANITARY LINES. CONNECTION SHALL BE OF EQUAL SIZE OR GREATER. FIELD VERIFY EXACT LOCATION AND ELEVATION.
 - THE NEW VENT INTO EXISTING VENT THRU ROOF. FIELD VERIFY EXACT SIZE AND LOCATION. MINIMUM VENT TO BE 38Ø.
 - NEW FLOOR DRAIN (FD). CONNECT TO EXISTING PIPING. PROVIDE TRAP PRIMER. FIELD VERIFY EXACT REQUIREMENTS.

- MECHANICAL PLUMBING NOTE:**
- ALL WORK SHALL BE EXECUTE BY LICENCE PLUMBER
 - ONLY THE MAIN COLD WATER (C.W) AND HOT WATER (H.W) PIPES ARE SHOWN. MAKE INDIVIDUAL CONNECTIONS. PROVIDE CAS APPROVED BACKFLOW PREVENTORS TO ALL POTABLE CONNECTIONS TO EQUIPMENT
 - ALL ABOVE GROUND DOMESTIC WATER PIPING SHALL BE TYPE 'L' COPPER WITH BRASS OR WROUGHT COPPER FITTING. AS AN ALTERNATE, USE AQUARISE CPVC PIPE AND FITTINGS TO CAN/CSA B137.6, NSF 61, WITH A FLAME SPREAD RATING NOT MORE THAN 25 AND SMOKE DEVELOPED CLASSIFICATION NOT MORE THAN 50, WITH SOLVENT WELDED JOINTS. INSTALLER TO CONTACT IPEX FOR TRAINING BEFORE INSTALLING AQUARISE.
 - DOMESTIC WATER PIPES SHOULD BE RUN ABOVE REFLECTED CEILING AND/OR SIDE WALLS. PLASTIC PIPING INSTALLED INSIDE CEILING/WALL SPACES USED AS A PLENUM SHALL HAVE A FLAME SPREAD RATING NOT MORE THAN 25 AND SMOKE DEVELOPED CLASSIFICATION NOT MORE THAN 50.
 - FOR CONNECTING TO EXISTING WATER LINE FIELD VERIFY EXACT SIZE AND LOCATION. CONNECTION SHALL BE OF EQUAL SIZE OR GREATER.

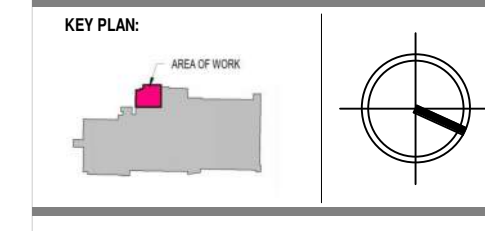
- FIRE SPRINKLER SYSTEM NOTE:**
- FIRE PROTECTION SYSTEM RETROFIT AND ITS COORDINATION WITH BUILDING SYSTEM BY CONTRACTOR. PROVIDE STAMPED DRAWINGS FOR REVIEW.
 - ALL EXISTING SPRINKLER HEADS SHOWN ON DRAWINGS ARE ROUGH ESTIMATED AS PER SURVERY PROVIDED TO BIM MEE AEC DESIGN AND NOT REPOSIBILITY OF BIM MEE AEC DESIGN INC

PLUMBING FIXTURE SCHEDULE

DRAWING REFERENCE	FIXTURE MAKE & MODEL	FIXTURE TRIM - MAKE & MODEL	CONNECTIONS			
			HOT	COLD	DRAIN	VENT
B	WASHROOM LAVATORY - EQUAL "AMERICAN STANDARD" - MEZZO™ SEMI - COUNTERTOP SINK (CHECK THE HOLES DIM AND OFF WITH FAUCET MODEL)	FITTING: MOEN 8248SMF15 - MAX FLOW AT 5.7 LPM C/W POP UP DRAIN ASSEMBLY TAILPIECE: TRAP: MCGUIRE 8872C SUPPLIES: MCGUIRE H16SLKN3 WASTE:	½"	½"	1 ¼"	1 ¼"
D	25" SINGLE LUSTERTONE® CLASSIC STAINLESS STEEL 25" X 21-1/4" X 5-1/2" SINGLE BOWL DROP-IN ADA SINK (SINGLE) Product # LRAD252155	FITTING: MOEN CHATEAU 7445 - CHROME ONE HANDLE FAUCET - MAX FLOW AT 5.7 LPM TRAP: CAST BRASS 1-½", CLEANOUT, UNION ESCUTCH: SUPPLIES: ANGLE STOPS, ESCUTCH, METAL RISERS	½"	½"	1 ½"	1 ¼"

- NOTES:**
- ALL SANITARY VENTING TO BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF ONTARIO BUILDING CODE.
 - ALL FLOOR DRAINS TO BE TRAPPED, VENTED, AND PRIMED BELOW FLOOR.
 - ALL TUB AND SHOWER SPOUTS SHALL BE SUPPORTED BY WING BACK 90°.

IT IS THE RESPONSIBILITY OF THE OWNER, GENERAL AND/OR TRAVEL CONTRACTOR AND ALL SUB-CONTRACTORS TO VERIFY THE PROJECT AS A WHOLE. ALL DIMENSIONS AND DIMENSIONAL ERRORS ON THE PLANS AND RELATED DOCUMENTS ARE REFERRED TO THE BIM MEE AEC DESIGN INC (BIM MEE) PRIOR TO COMMENCING ANY WORK.
 DO NOT SCALE. DIMENSIONS FOR CONSTRUCTION SET MUST HAVE ORIGINAL CONSULTANT TRAP AND SIGNATURE.
 THE CONTENTS OF THIS DRAWING REMAIN THE COPYRIGHT PROPERTY OF BIM MEE AEC DESIGN INC (BIM MEE).



ISSUED DATES:

ITEM NO.	DATE	ISSUED FOR:	BY:
A	2024-05-17	ISSUED FOR PERMIT	M.D.
B	2024-07-25	ISSUED FOR IPI/IPC	M.D.
C	2024-07-26	UPDATED ISSUED FOR IPI/IPC	M.D.
D	2024-08-08	UPDATED ISSUED FOR IPI/IPC	M.D.
E	2024-08-15	UPDATED ISSUED FOR IPI/IPC	M.D.
F	2024-08-23	UPDATED ISSUED FOR IPI/IPC	M.D.
G	2024-09-18	UPDATED ISSUED FOR IPI/IPC	M.D.
H	2024-10-10	ISSUED FOR ADDENDUM	M.D.

SEAL: ENGINEER



BIM MEE AEC DESIGN INC
 184 Garden Crescent, London, Ontario
 Website: www.BIMMEE.com
 Email: info@BIMMEE.com

CLIENT:
LONDON PUBLIC LIBRARY

PROJECT:
SHERWOOD LIBRARY RENOVATION
 1225 Wonderland Rd N, London, ON N6G 2V9

SHEET NAME:
MECHANICAL PLUMBING RENOVATION

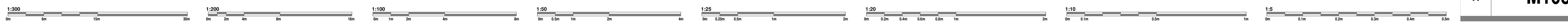
DRAWN BY: M.D. CHECKED BY: M.D./F.B.
 PROJ. MGR/ARCH:

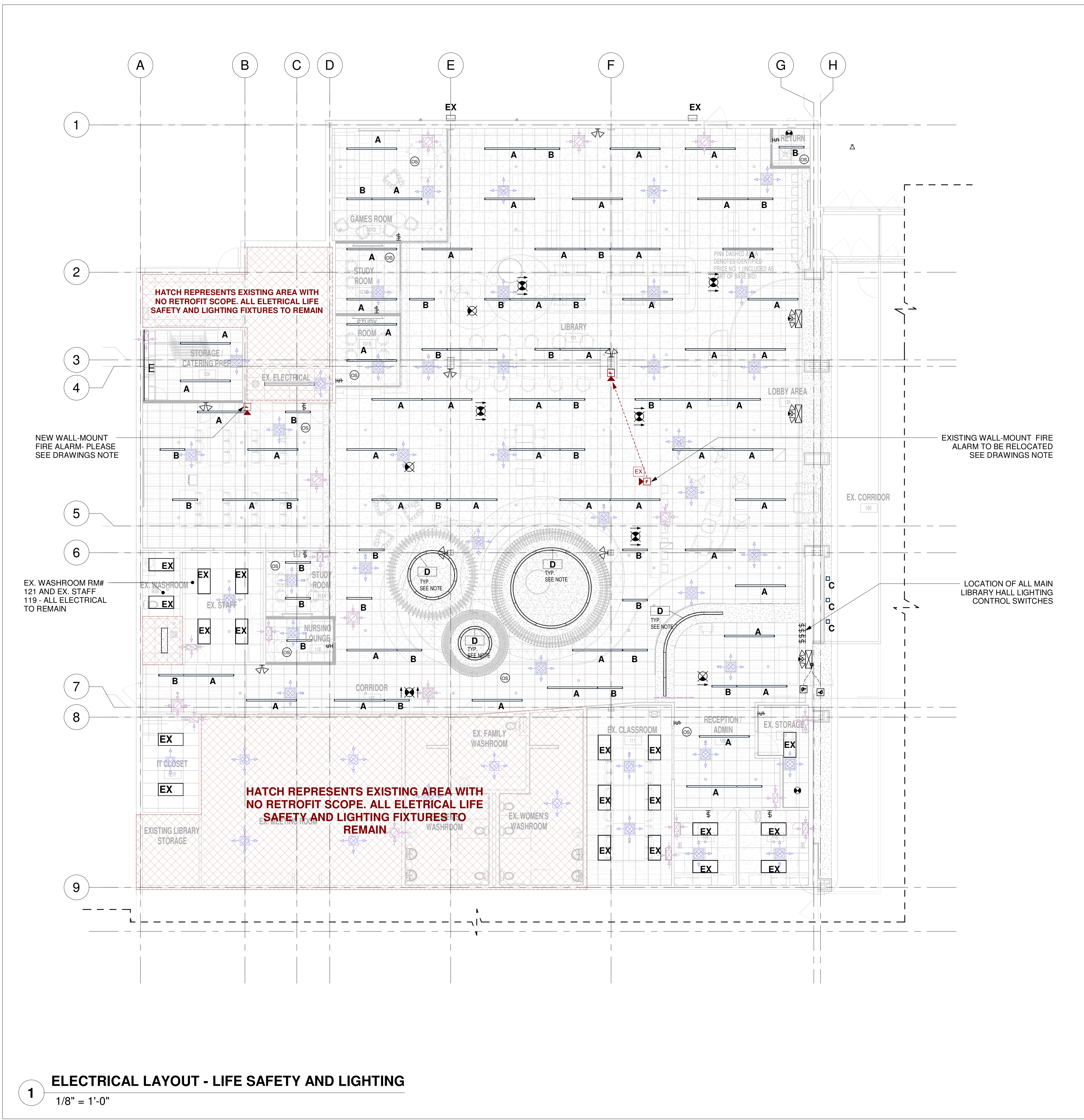
APPROVED FOR CONSTRUCTION DATE:
 PLOT DATE/TIME: **2024-10-10 1:47:32 PM**

PROJECT NO: P-BIMSR-22-51

REVISION NO: H SHEET NO: **M103**

1 MECHANICAL PLUMBING RENOVATION - MAIN FLOOR LAYOUT
 1/8" = 1'-0"





LIGHTING FIXTURE SCHEDULE	
TYPE	DESCRIPTION
TYPE 'A'	8' LED FIXTURE, THINLINE DTL RECESS - 4000K - CRI 80 - LUMENS/FT: MIN: 900 LM/FT
TYPE 'B'	4' LED FIXTURE, THINLINE DTL RECESS - 4000K - CRI 80 - LUMENS/FT: MIN: 900 LM/FT
TYPE 'C'	CALCULITE LED 6" GEN 3 - LIGHTOLIER LIGHTING - C6SDL SQUARE DOWNLIGHT - C6L-15-940 - 4000K - 1500 LUMEN
TYPE 'D'	AXIS LIGHTING - SKETCH, RADIUS VARIES, REFER TO ARCHITECTURAL DRAWINGS, K, CRI, LUMENS/FT- 4000K
TYPE 'E'	LED TAPE LIGHTING LOVOFLEX FLEXIBLE LED TAPE LIGHTING, 2.2W/FT
EX	EXISTING LIGHTING FIXTURES AND THEIR CONTROL SWITCHES TO REMAIN

LIGHTING FIXTURE TYPE D NOTE:

- PENDANT LIGHT FIXTURE AXIS LIGHTING - SKETCH, RADIUS VARIES. PLEASE SEE THE DESIGN AND SPECIFICATION PACKAGE BY SUPPLIER

LIGHTING FIXTURE TYPE E NOTE:

LED STRIP LIGHTING AT CABINETS/NEST MILLWORK/RECEPTION DESK. CONFIRM THE LOCATION AS PER ARCHITECTURAL INTERIOR DESIGN AND AS PER SPECIFICATION BY SUPPLIER

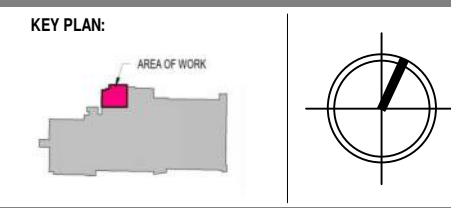
EMERGENCY LIGHTING NOTE:

- SEE THE SPECIFICATIONS ON SHEET E002 - SECTION 26 53 50 EMERGENCY LIGHTING UNITS FOR EMERGENCY LIGHTING BATTERY PACK SPECIFICATIONS
- COORDINATE ALL PANEL FINAL LOCATIONS WITH OWNER REPRESENTATIVE.

- LIGHTING NOTES:**
- CONNECT ALL EMERGENCY FIXTURES LINE SIDE OF LOCAL LIGHTING CIRCUIT.
 - CIRCUIT BREAKER HANDLE LOCK-OFF DEVICES SHALL BE PROVIDED FOR BREAKERS SERVING EXIT LIGHTING AND EMERGENCY LIGHTING CIRCUITS.
 - DIMMING WIRING NOT SHOWN. PROVIDE 0-10V WIRING BETWEEN ALL TYPE A OCCUPANCY SENSORS OR DIMMER SWITCHES AND CONTROLLED LIGHTING.
 - PROVIDE MANUFACTURER-APPROVED COMPATIBLE DIMMER SWITCHES WHERE INDICATED ON PLANS. THE DIMMER MUST BE COMPATIBLE WITH THE DRIVER AND LOADS AS SHOWN.
 - OCCUPANCY SENSORS SHALL BE LOCATED AT LEAST 6" FROM ALL DIFFUSER LOCATIONS. COORDINATE LOCATIONS WITH MECHANICAL.
 - PROVIDE SEPARATE NEUTRALS ON ALL DIMMERS.

- LIFE SAFETY AND FIRE ALARM NOTES:**
- PROVIDE RUNTIME TESTING AND VERIFICATION FOR ALL EMERGENCY LIGHTS, PER OBC REQUIREMENTS.
 - FIRE ALARM SYSTEM IS EXISTING TO REMAIN. PROVIDE DEVICE MODIFICATION IN SPACE TO SUIT INTENDED USE OF TENANT SPACE.
 - PROVIDE FIRE ALARM TESTING AND VERIFICATION REPORT LIMITED TO THE AFFECTED AREA OF WORK. PROVIDE VERIFICATION REPORT INCLUDING BUT NOT LIMITED AUDIBILITY TEST REPORT IN ACCORDANCE WITH ULC S537.

IT IS THE RESPONSIBILITY OF THE OWNER, GENERAL AND/OR TRAVEL CONTRACTOR AND ALL SUB-CONTRACTORS TO VERIFY THE PROJECT AS A WHOLE. ALL DIMENSIONS AND DIMENSIONAL ERRORS ON THE PLANS AND RELATED DOCUMENTS MUST BE REFERRED TO THE BIM MEE AEC DESIGN INC (BIM MEE) PRIOR TO COMMENCING ANY WORK.
 DO NOT SCALE DIMENSIONS. FOR CONSTRUCTION SET MUST HAVE ORIGINAL CONSULTANT STAMP AND SIGNATURE.
 THE CONTENTS OF THIS DRAWING REMAIN THE COPYRIGHT PROPERTY OF BIM MEE AEC DESIGN INC (BIM MEE).



ISSUED DATES:

ITEM NO.	DATE	ISSUED FOR:	BY:
A	2024-02-06	PERMANENT STUDY/REVIEW	M.D.
B	2024-05-17	ISSUED FOR PERMIT	M.D.
C	2024-07-25	UPDATED ISSUED FOR PERMIT	M.D.
D	2024-07-25	ISSUED FOR IFT/IFC	M.D.
E	2024-07-25	UPDATED ISSUED FOR IFT/IFC	M.D.
F	2024-08-08	UPDATED ISSUED FOR IFT/IFC	M.D.
G	2024-08-15	UPDATED ISSUED FOR IFT/IFC	M.D.
H	2024-08-21	UPDATED ISSUED FOR IFT/IFC	M.D.
I	2024-08-18	UPDATED ISSUED FOR IFT/IFC	M.D.
J	2024-10-10	ISSUED FOR ADMIN	M.D.

SEAL: ENGINEER

Mohammad Delavar, Ph.D., P.Eng.

BIM MEE AEC DESIGN INC
 184 Garden Crescent, London, Ontario
 Website: www.BIMMEE.com
 Email: info@BIMMEE.com

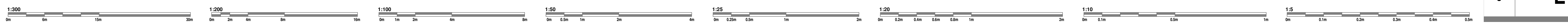
CLIENT:
LONDON PUBLIC LIBRARY

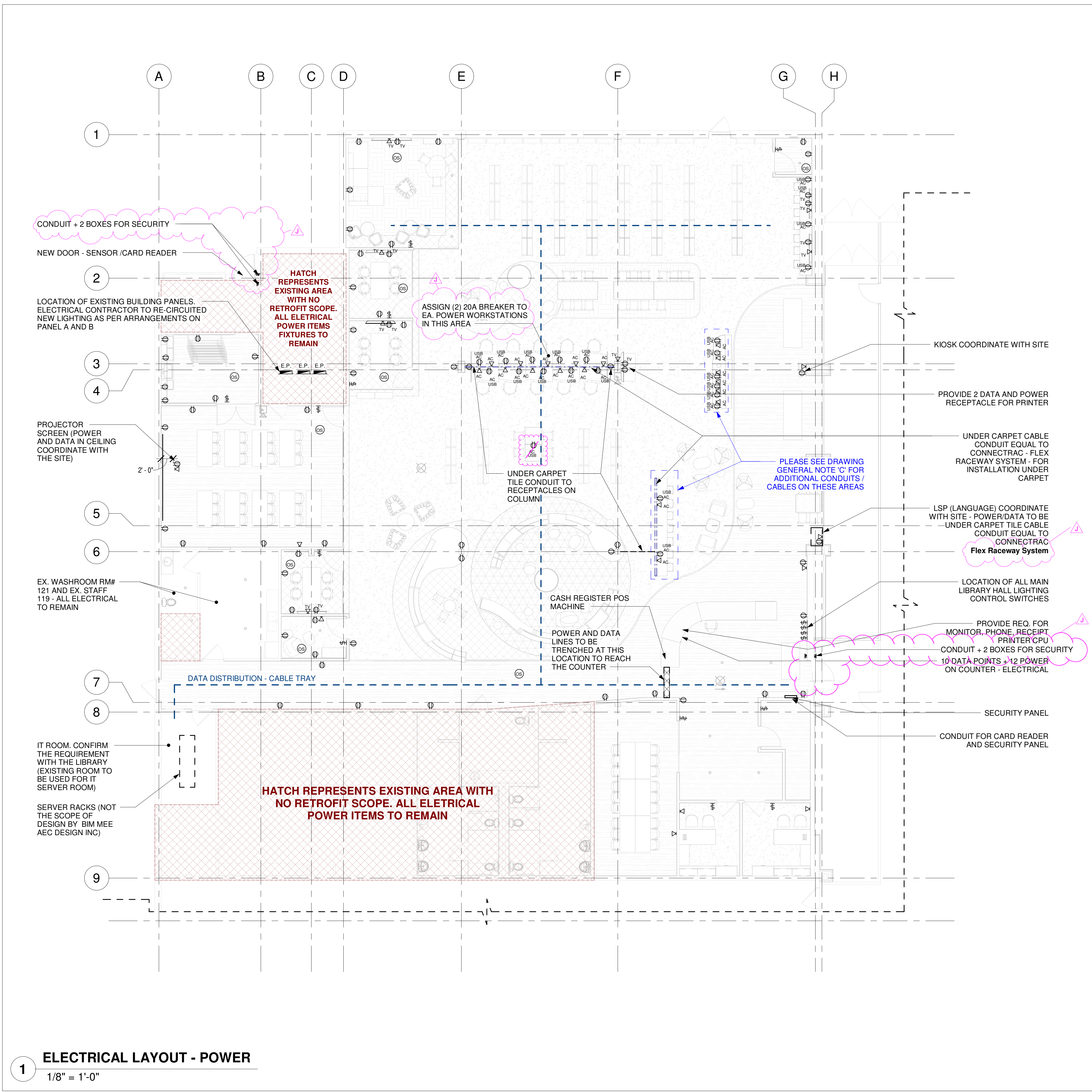
PROJECT:
SHERWOOD LIBRARY RENOVATION
 1225 Wonderland Rd N, London, ON N6G 2V9

SHEET NAME:
ELECTRICAL LIFE SAFETY AND LIGHTING LAYOUT - FLOOR PLAN

DRAWN BY: U.E.
 PROJ. MGR/ARCH: M.D./W.A.
 CHECKED BY: M.D./W.A.
 APPROVED FOR CONSTRUCTION DATE:
 PLOT DATE/TIME: 2024-10-10 1:30:04 PM
 PROJECT NO: P-BIMSR-22-51
 REVISION NO: J
 SHEET NO: E100

1 ELECTRICAL LAYOUT - LIFE SAFETY AND LIGHTING
 1/8" = 1'-0"





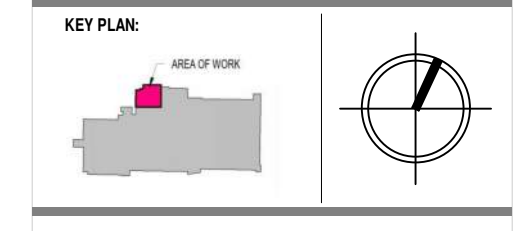
POWER OUTLET SPEC:

- A. 3" x 6" POWER/USB OUTLETS C/W NYLON - DUPLEX RECEPTACLE W/ USB CHARGING, DECORA CSA TYPE 5-15R, 120V 15A (CONFIRM REQUIREMENT W/ LIBRARY BEFORE ORDERING AND CONSTRUCTION)
- B. 3" DIA - POP-UP POWER/USB GROMET (CONFIRM REQUIREMENT W/ LIBRARY BEFORE ORDERING AND CONSTRUCTION)

GENERAL NOTE:

- A. CONFIRM THE ENTIRE POWER/DATA OUTLET LOCATION AND SPEC WITH LIBRARY BEFORE ORDERING AND CONSTRUCTION.
- B. ALL BACK BOXES FOR TV POWER AND DATA TO BE 7'-0" A.F.F.
- C. AT EACH DESIGNATED LOCATION ON THE PROJECT PLANS, INSTALL AN ADDITIONAL 10 FEET OF POWER LINE BEYOND THE REQUIRED CONNECTION POINTS. THESE EXTRA LENGTHS SHOULD BE COILED AND SECURED AT THE END OF EACH RUN TO ALLOW FOR FUTURE ADJUSTMENTS OR EXPANSIONS. ENSURE THAT THE COILED LINES ARE PROPERLY LABELED, EASILY ACCESSIBLE, AND SAFELY POSITIONED TO AVOID INTERFERENCE WITH OTHER SYSTEMS OR CONSTRUCTION ACTIVITIES.

IT IS THE RESPONSIBILITY OF THE OWNER, GENERAL AND/OR TENANT CONTRACTOR AND ALL SUB-CONTRACTORS TO VERIFY THE PROJECT AS A WHOLE. ALL DIMENSIONS AND DIMENSIONAL ERRORS ON THE PLANS AND RELATED DOCUMENTS MUST BE REPORTED TO THE BIM MEE AEC DESIGN INC (BIM MEE) PRIOR TO COMMENCING ANY WORK.
 DO NOT SCALE DIMENSIONS FOR CONSTRUCTION SET MUST HAVE ORIGINAL CONSULTANT'S STAMP AND SIGNATURE.
 THE CONTENTS OF THE DRAWING REMAIN THE COPYRIGHT PROPERTY OF BIM MEE AEC DESIGN INC (BIM MEE).



ISSUED DATES:

ITEM NO.	DATE	ISSUED FOR:	BY:
A	2024-07-22	UPDATED ISSUED FOR PERMIT	M.D.
B	2024-07-26	ISSUED FOR IFT/IFC	M.D.
C	2024-07-26	UPDATED ISSUED FOR IFT/IFC	M.D.
D	2024-08-08	UPDATED ISSUED FOR IFT/IFC	M.D.
E	2024-08-15	UPDATED ISSUED FOR IFT/IFC	M.D.
F	2024-08-21	UPDATED ISSUED FOR IFT/IFC	M.D.
G	2024-08-21	UPDATED ISSUED FOR IFT/IFC	M.D.
H	2024-08-15	UPDATED ISSUED FOR IFT/IFC	M.D.
I	2024-08-29	UPDATED ISSUED FOR IFT/IFC	M.D.
J	2024-10-10	ISSUED FOR ADJUST	M.D.

SEAL: ENGINEER

Mohammad Delavar, Ph.D., P.Eng.

BIM MEE AEC DESIGN INC
 184 Garden Crescent, London, Ontario
 Website: www.BIMMEE.com
 Email: info@BIMMEE.com

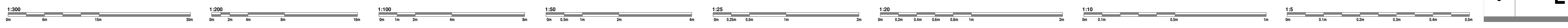
CLIENT:
LONDON PUBLIC LIBRARY

PROJECT:
SHERWOOD LIBRARY RENOVATION
 1225 Wonderland Rd N, London, ON N6G 2V9

SHEET NAME:
ELECTRICAL LAYOUT - POWER

DRAWN BY: U.E. **CHECKED BY:** M.D./W.A.
PROJ. MGR/ARCH:
APPROVED FOR CONSTRUCTION DATE:
PLT DATE/TIME: 2024-10-10 1:30:08 PM
PROJECT NO.: P-BIMSR-22-51
REVISION NO.: J **SHEET NO.:** E101

1 ELECTRICAL LAYOUT - POWER
 1/8" = 1'-0"





TENDER SIGN IN SHEET

Project Name: Sherwood Library Renovation

Tender Number: 24-01

Date: October 1, 2024

Company	Contact Name	Telephone/Mobile No. / E-mail Address
Bronneco Construction	Colm Noble	
Complete Building Systems	Mary Sajjan	
accurate Design + Build	Crystal Schneider	
HITEK DRYWALL + ACOUSTICS	JAMAL HALBOWI	
Baribeau Construction	Nick Moonen	
Graceview Enterprises Inc	Victor Weverink	
ALLIED CONSTRUCTION	NIKK PRISTENOMIS	



TENDER SIGN IN SHEET

Project Name: Sherwood Library Renovation

Tender Number: 24-01

Date: October 1, 2024

Company	Contact Name	Telephone/Mobile No. / E-mail Address
Wilson + Associates	Scott Wheatley	
STM Construction	Ricardo Girald	
Jaydon's Mechanical	Achyut Deepak Thankan	
K&L Construction	Tim Zhu	
Eloja Contracting	Ahmad Bafat	
Forest City Demolition	Lee Plumley	
For estcity Demo	Jacob Hurl	



TENDER SIGN IN SHEET

Project Name: Sherwood Library Renovation

Tender Number: 24-01

Date: October 1, 2024

Company	Contact Name	Telephone/Mobile No. / E-mail Address
NOVA PAINTING	DEMPSEY	
Anacord Contracting	JP Santoli	
SP1BUILDERS	BRIAN GODFREY	
Michael Clark Construction	Kieran Poole	
Marlon Demo Jordan Medeiros	Jordan Medeiros	
NOI GROUP INC	MARK JONES Chuck BARTON	
Tradition Construction	Jordan Aiding	



TENDER SIGN IN SHEET

Project Name: Sherwood Library Renovation

Tender Number: 24-01

Date: October 1, 2024

Company	Contact Name	Telephone/Mobile No. / E-mail Address
God: S Electric	Trevor Colver	
Direk Construction	Mohammed	