

City of Toronto
 Metro Hall Fire Station & Early Years Child Care Centre Renovation

Revised for 100% Final Design Package
 08 JUL 24

ARCHITECTURAL

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M500	MECHANICAL DETAILS

ARCHITECT

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STRUCTURAL

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 100 University Avenue, North Tower Suite 300
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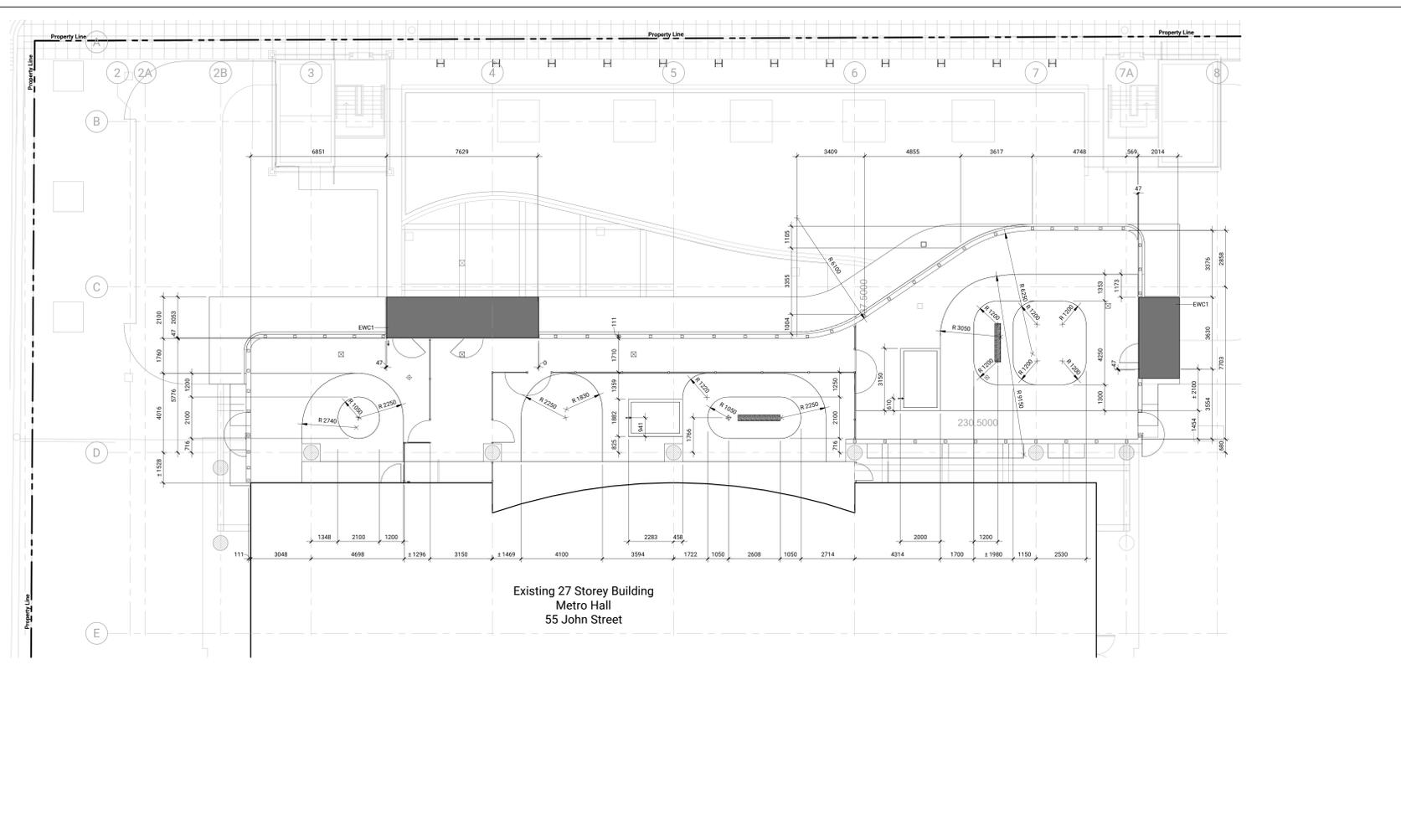
MECHANICAL & ELECTRICAL

The HJD Group Inc
 155 Stordun Bucker Road, Suite 200
 Toronto, ON M2H 3N5
 T: (416) 364-2100

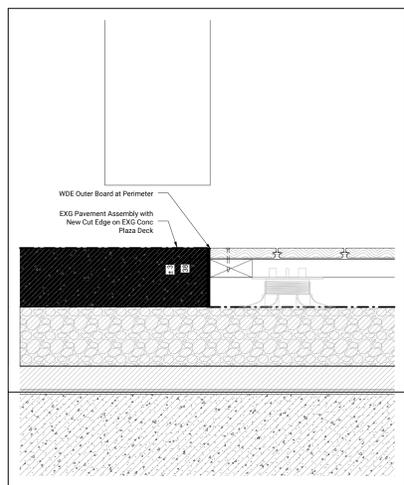
LANDSCAPE

Hill Design Studio Inc.
 303-1601 River Road East
 Kitchener, ON N2A 3Y4
 T: (226) 686-0700

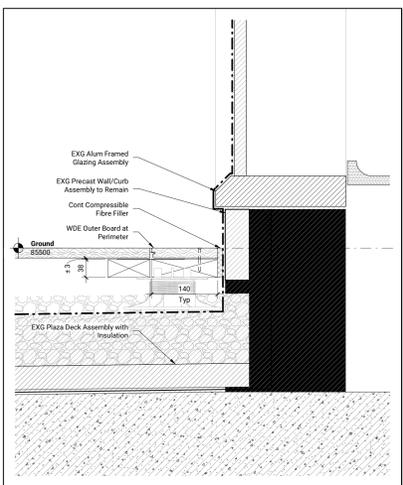




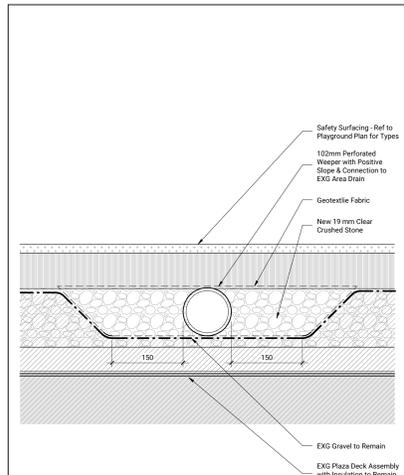
MHLCCC-Playground Layout Plan
1:100 (C-A011)



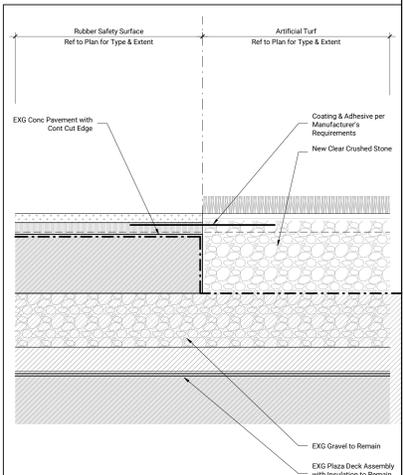
Site Detail - Deck Cross-Section
1:5 (C-A011)



Site Detail - Deck at Wall
1:5 (C-A011)

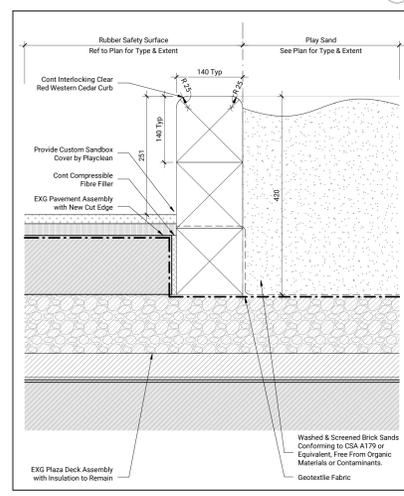


Site Detail - Perforated Weeper
1:5 (C-A011)

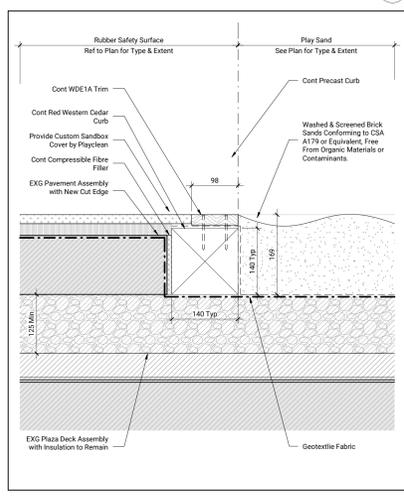


Site Detail - Landscape Turf Edge
1:5 (C-A011)

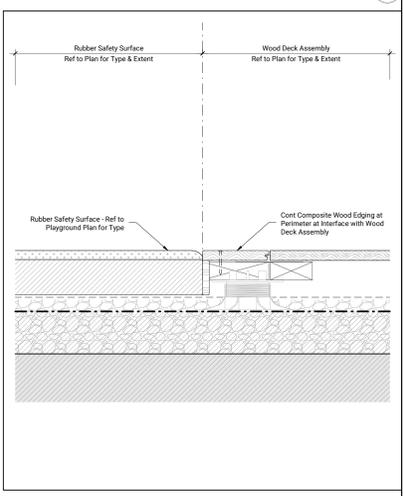
TYPE	ASSEMBLY	DESCRIPTION
WDE2		Wood Deck Assembly 21mm x 240mm Deck Boards Step-Clip Strips 38mm x 10mm Pressure-Treated Strapping at Min 457mm OC Plastic Deck Pedestals with Joist Caps Existing Gravel Substrate - Re-Level Surface
RSS#		Rubber Safety Surface 19mm Safety Surface Buffer (Depth per Manufacturer's Requirements) Filter Fabric Existing Gravel Substrate - Re-Level Surface
RSS#		Rubber Safety Surface 19mm Safety Surface Buffer (Depth per Manufacturer's Requirements) Filter Fabric Existing Gravel Substrate - Re-Level Surface
TIF		Landscape Turf Landscape Turf Backer Filter Fabric New Gravel Substrate as Required to Achieve Finished Grades Existing Gravel Substrate



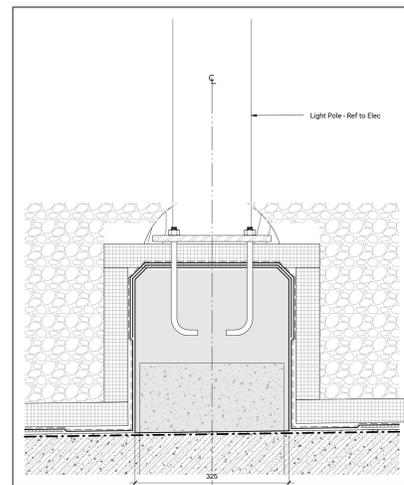
Site Detail - Play Sand at High Curb
1:5 (C-A011)



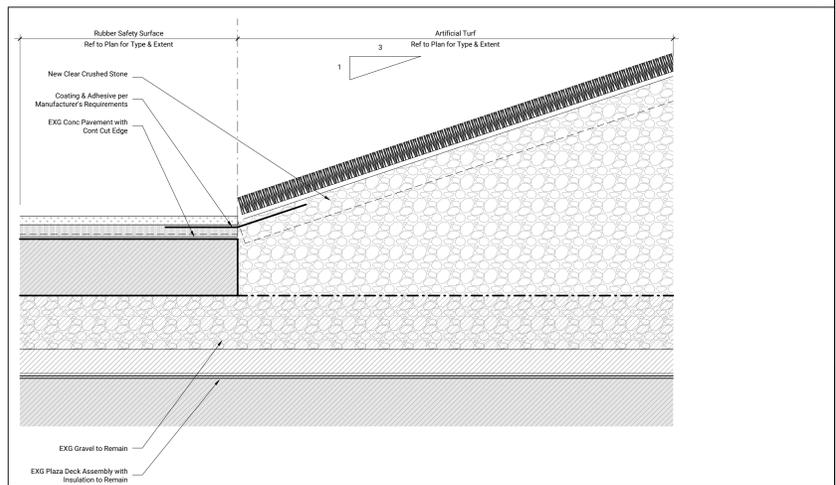
Site Detail - Play Sand at Flush Curb
1:5 (C-A011)



Site Detail - Safety Surfacing at Deck
1:5 (C-A011)



Light Pole Base
1:5 (C-A011)

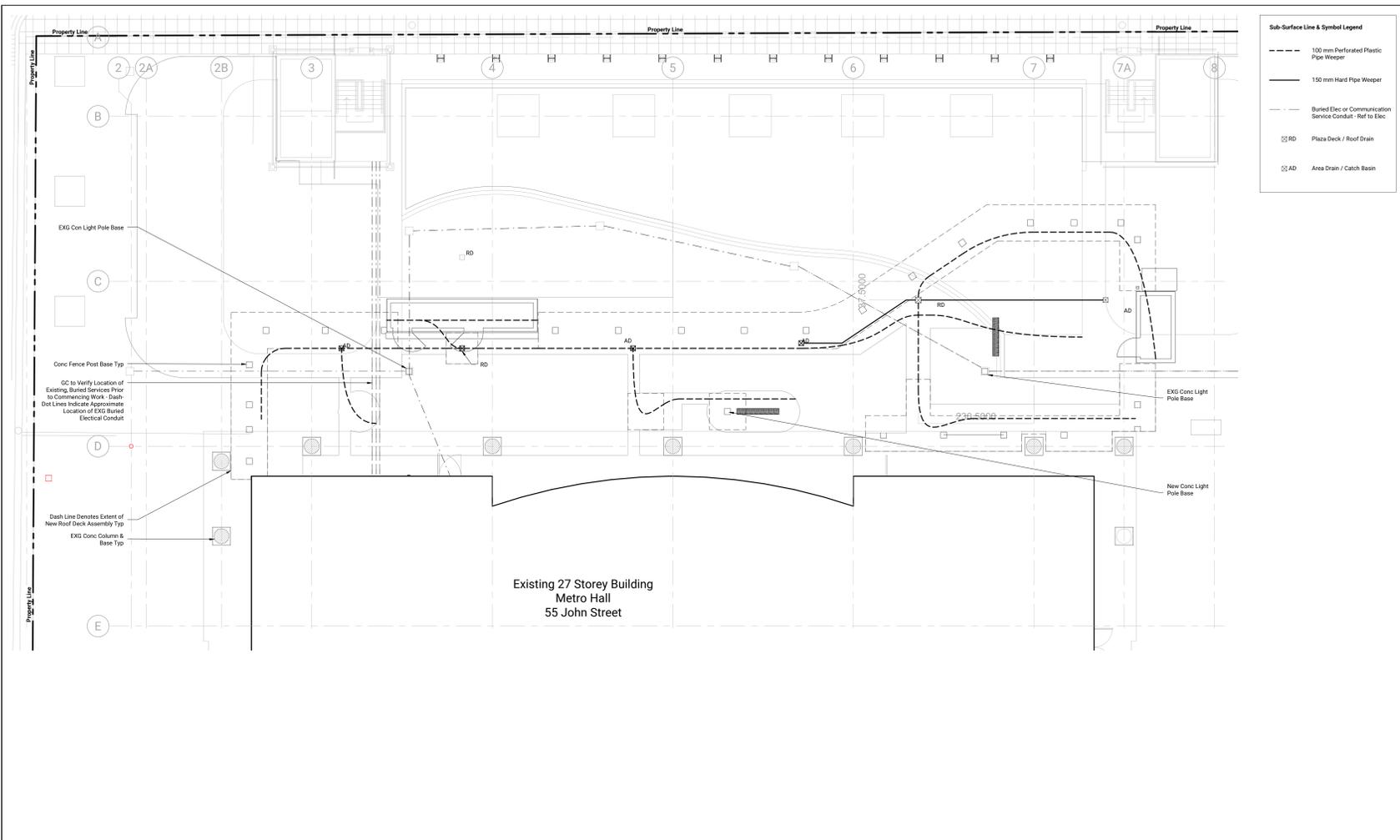


Site Detail - Contoured Landscape Turf
1:5 (C-A011)

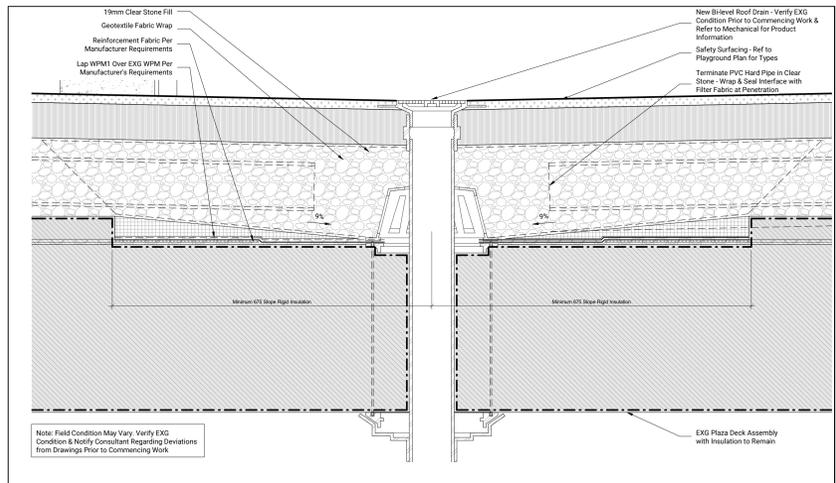
No.	Date	Description	ISSUED
4	17 MAR 23	Issued for Class C Coating	
5	21 APR 23	Issued for 75% Design Review	
7	20 JUL 23	Issued for 95% Design Review	
11	23 FEB 24	Issued for 100% Final Design Package	
12	08 JUL 24	Revised for 100% Final Design Package	

Contractor Must Check & verify all dimensions on the Job.
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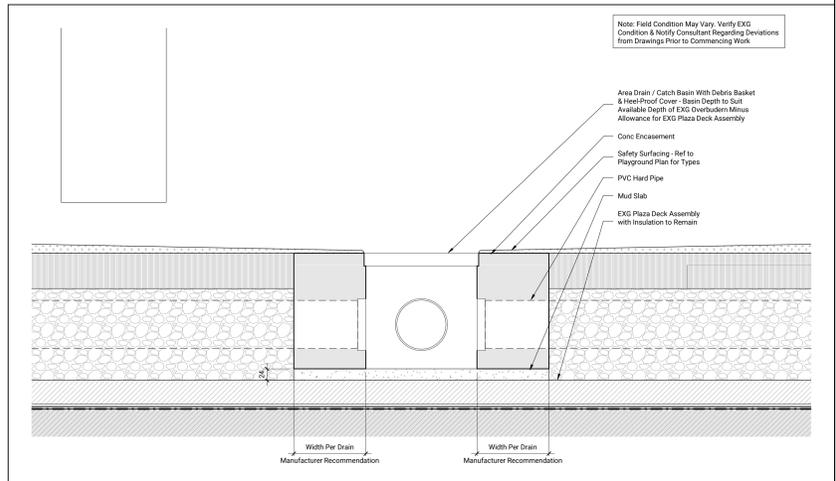
2024-07-18 10:24 AM



MHELCCC-Playground Sub-Surface Plan
1
1:100
C-A012



Site Detail - New Plaza Deck Roof Drain
2
1:5
C-A012

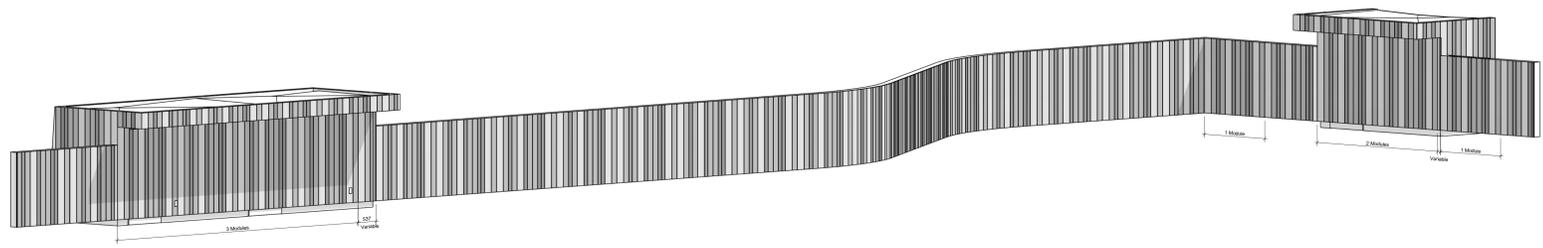


Site Detail - Area Drain / Catch Basin
3
1:5
C-A012

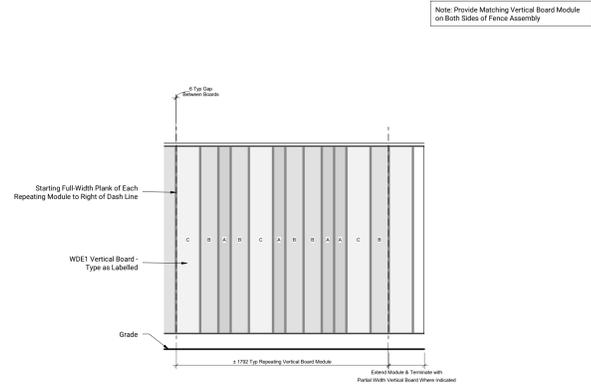
No.	Date	Description
7	20 JUL 23	Issued for 95% Design Review
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Isometric Illustration - Playground Fence 3 ©-A013

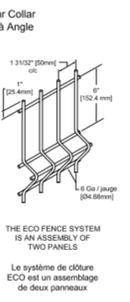
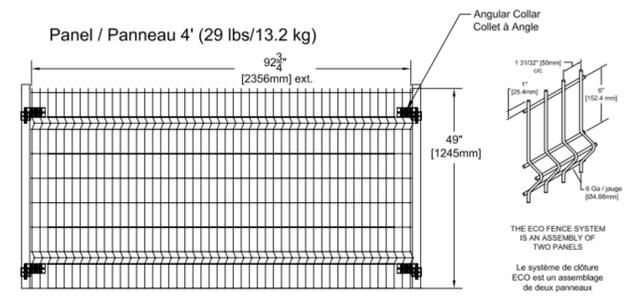


Note: Provide Matching Vertical Board Module on Both Sides of Fence Assembly

Elevation - Fence Vertical Boards 6 1:20 ©-A013

No.	Date	Description
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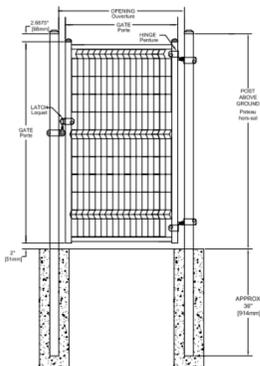
OMEGA ECO PANELS MOUNTED ON SQUARE POSTS (HEIGHT 4' H)
Panneaux Omega ECO sur poteaux carrés (grandeur 4' H)



THE ECO FENCE SYSTEM IS AN ASSEMBLY OF TWO PANELS
Le système de clôture ECO est un assemblage de deux panneaux

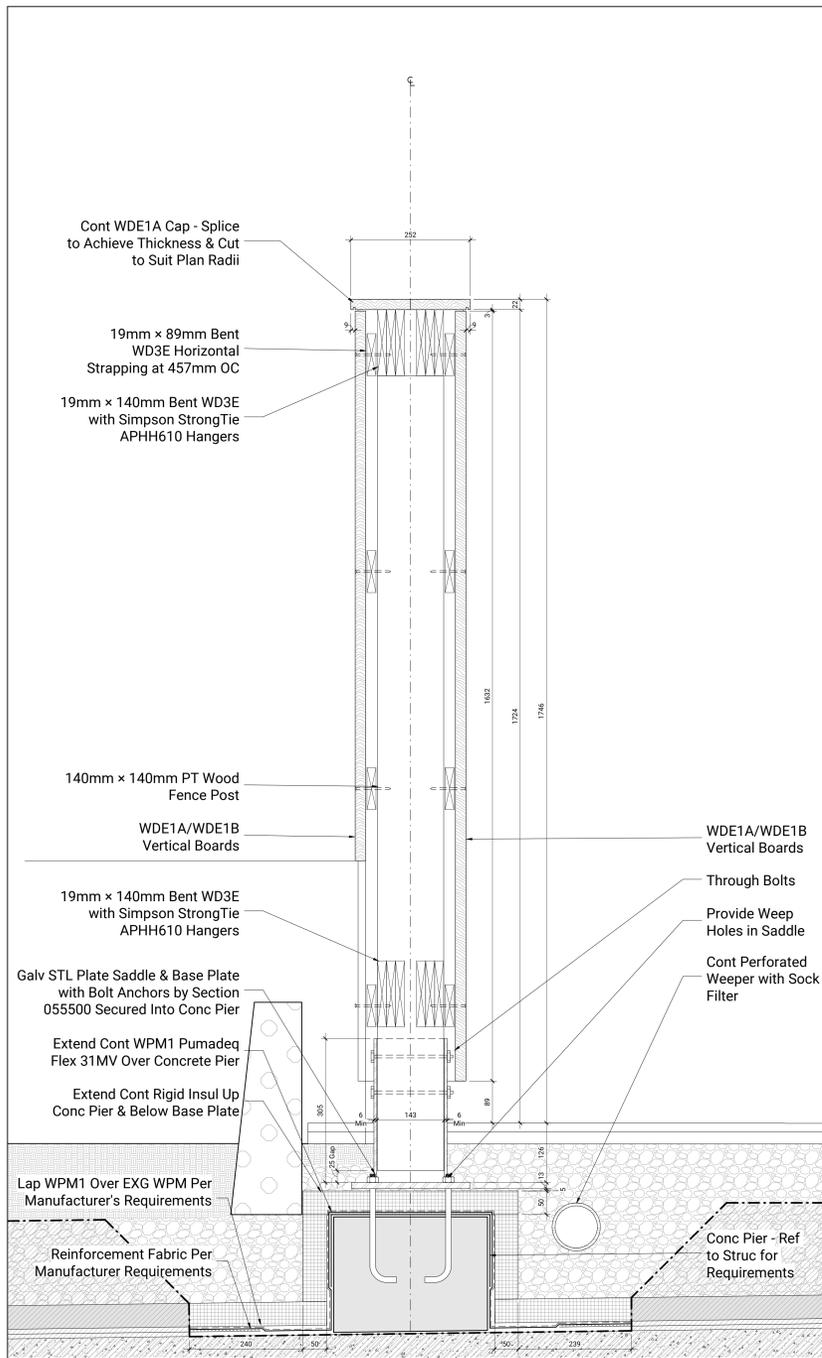
OMEGA ARCHITECTURAL SINGLE SWING GATE MODEL GPM20
Barrière Omega Architecturale à battant simple modèle GPM20

GATE POST DIMENSIONS		
PANEL (H)	OPENING	POST
4' 5" & 6"	3' to 8'	3" x 3" 11 ga
6"	3' to 7'	3" x 3" 11 ga
6"	8' to 16'	4" x 4" 11 ga
5'	8' to 13'	4" x 4" 11 ga
6'	8' to 12'	4" x 4" 11 ga
6'	8' to 9'	4" x 4" 11 ga
5'	14' to 16'	6" x 6" 3/4"
6'	13' to 30'	6" x 6" 3/4"
6'	10' to 26'	6" x 6" 3/4"

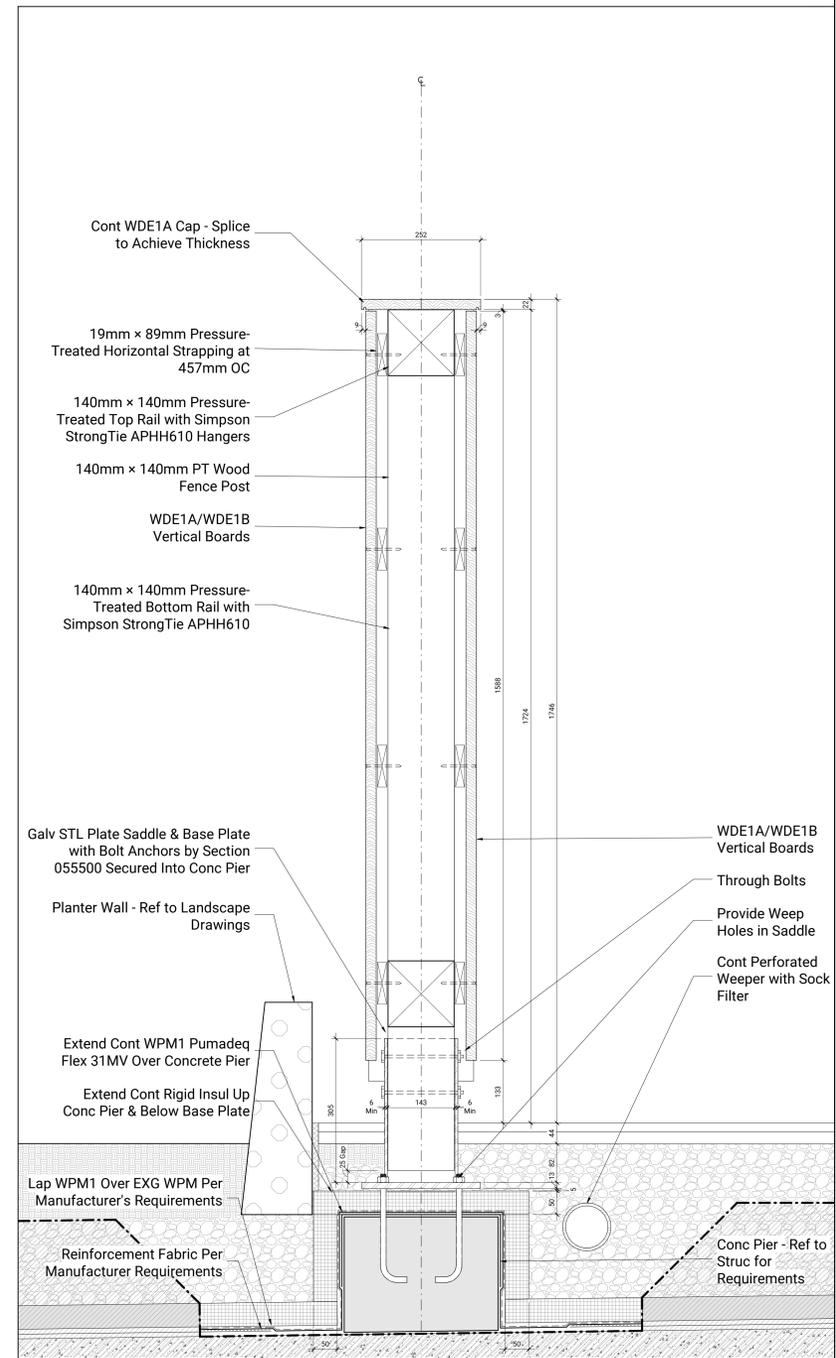


Grandeur des poteaux de porte		
Panneau (H)	Ouverture	Poteau
4' 5" & 6"	3' à 8'	3" x 3" 11 ga
6"	3' à 7'	3" x 3" 11 ga
6"	8' à 16'	4" x 4" 11 ga
5'	8' à 13'	4" x 4" 11 ga
6'	8' à 12'	4" x 4" 11 ga
6'	8' à 9'	4" x 4" 11 ga
5'	14' à 16'	6" x 6" 3/4"
6'	13' à 30'	6" x 6" 3/4"
6'	10' à 26'	6" x 6" 3/4"

Site Detail - Wire Fence Assembly 4 NTS ©-A013



Section Detail - Wood Fence & Post Assembly at Radius 2 1:5 ©-A013



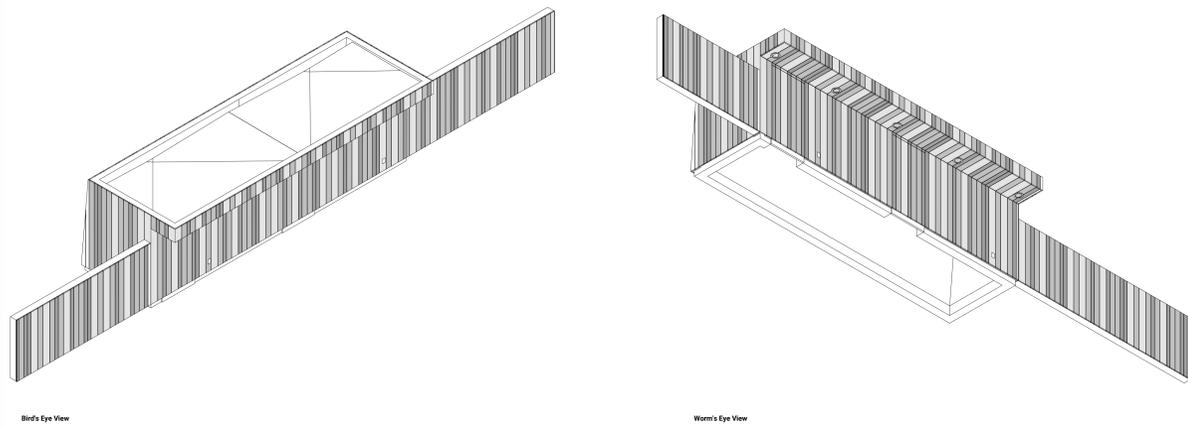
Section Detail - Wood Fence & Post Assembly 1 1:5 ©-A013

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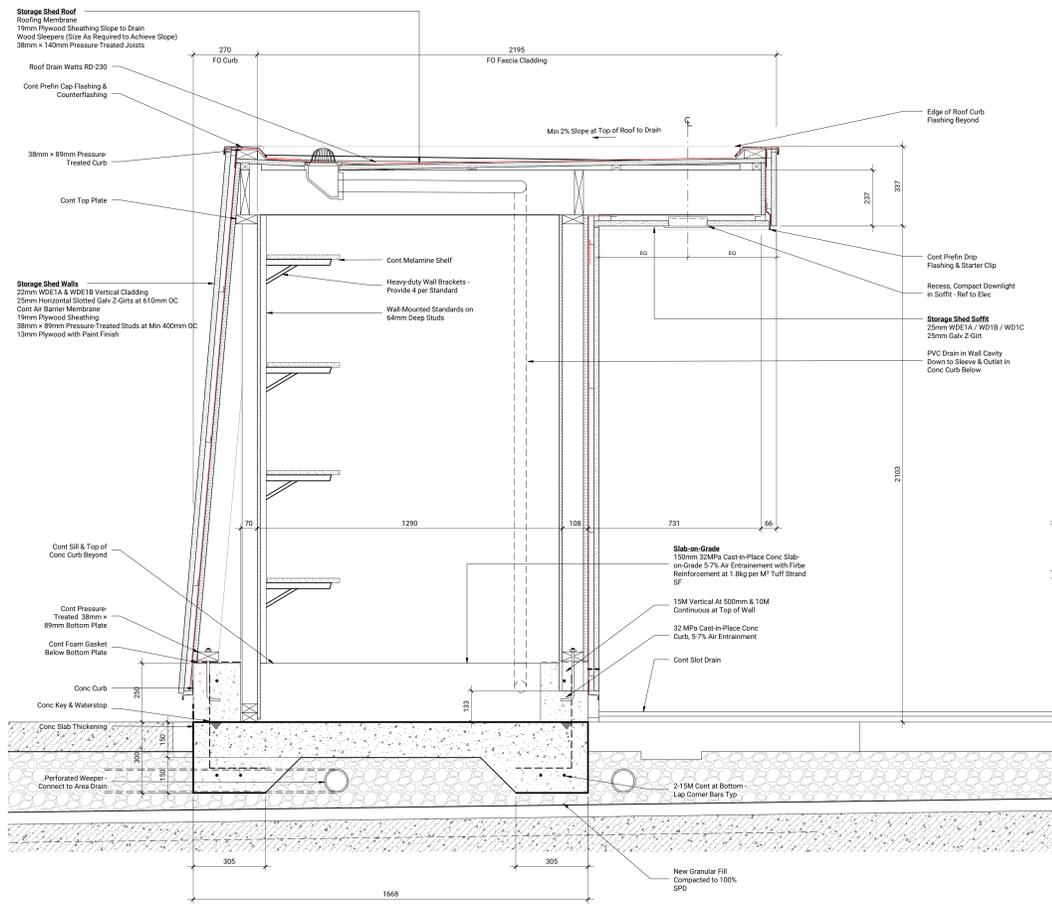


55 John Street
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21618-21025

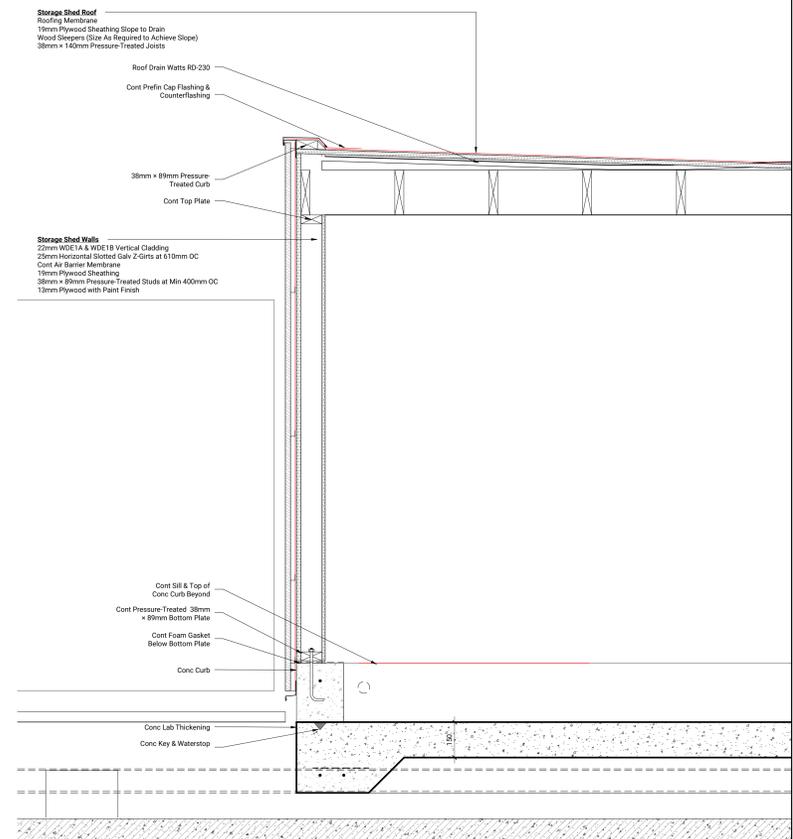
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Isometric Illustration - Storage Shed



Section of Storage Shed



Section of Storage Shed

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TORONTO
 Metro Hall Fire Station & Early Years Child Care Centre Renovation

55 John Street
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 21678-21025

Site - Storage Shed Details

1:10

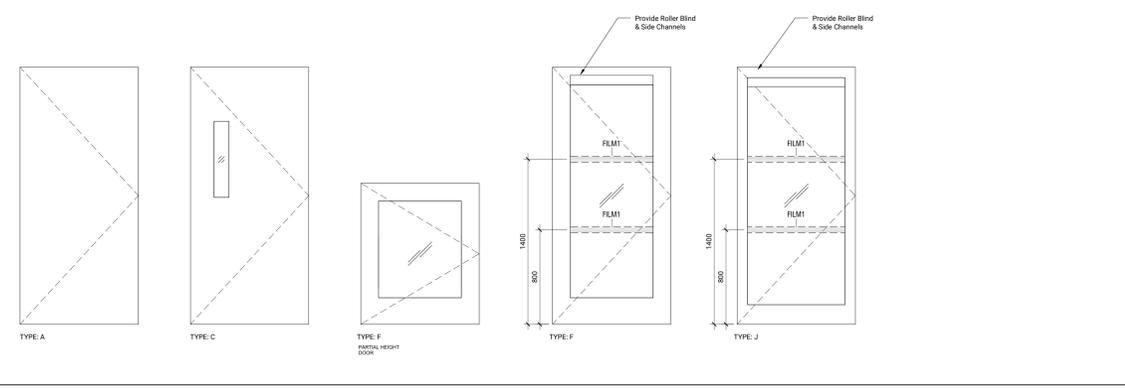
C-A014

Door		Door			Frame			Ratings		Electrical Requirements		Door Requirements				Comments				
Number	Primary Panel	Rebate Width	Rebate Height	Door Panel Thickness	Door Material	Door Finish	Door Glass	Frame Material	Frame Finish	Frame Profile	(FR) Fire Resistance Rating	Temperature Rise Rating	(STC) Sound Transmission Class	Threshold	Access Control		Automatic Door Operator	Exit Hardware	Kick Plates	Weatherstripping
DD01-1	B	1000	2185	44.5	HM	PT	GLC3	HM	PT	F02			No	No	Yes	Yes	Yes	Yes	No	Card Reader
DD01-2	B	1000	2135	44.5	HM	PT	GLC3	HM	PT	F02	45 Minutes	250	No	Yes	Yes	Yes	Yes	Yes	No	Card Reader
DD01	B	1000	2135	44.5	HM	PT	GLC3	HM	PT	F02	45 Minutes	250	No	Yes	Yes	Yes	Yes	Yes	No	Card Reader
D101EE	J	1000	2177	44.5	Alum	ANOD	GLC1	Alum	Anod	SC1			Yes	No	Yes	Yes	No	Yes	Ref to Note 14	
D101E	A	1000	2440	44.5	Alum	ANOD	GLC1	Alum	Anod	SC1			No	Yes	Yes	Yes	No	Yes	Keypad & Card Reader	
DC102	A	1000	2185	44.5	WD	WD/ST	GLC3	Alum	Phenif	SC1			No	No	No	No	No	No	Ref to Note 10	
DC104	A	1000	2185	44.5	WD	WD/ST	GLC3	Alum	Phenif	SC1			No	No	No	No	No	No	Ref to Note 10	
DC105	F	1000	2185	44.5	WD	WD/ST	GLC3	HM	PT	F01			No	Yes	No	No	No	No	Ref to Notes 6, 12 & 14	
DC105A	A	915	2185	44.5	WD	WD/ST	-	HM	PT	F01			No	No	No	No	No	Yes	Ref to Note 6	
DC106-1	B	965	2200	44.5	WD	WD/ST	-	HM	PT	NA			No	No	No	No	No	No	Ref to Note 6 & 13	
DC106-2	D	965	2200	44.5	WD	WD/ST	-	HM	PT	NA			No	No	No	No	No	No	Ref to Note 6 & 13	
DC107	F	1000	2185	44.5	WD	WD/ST	GLC3	HM	PT	F01			No	Yes	No	No	No	No	Ref to Note 6 & 12	
DC107A	A	915	2185	44.5	WD	WD/ST	-	HM	PT	F01			No	No	No	No	Yes	No	Ref to Note 6	
DC108	F	915	2185	44.5	WD	WD/ST	GLC3	HM	PT	F01			No	No	No	No	No	No	Ref to Note 6 & 14	
DC108A	F	1000	2185	44.5	WD	WD/ST	GLC3	HM	PT	F01			No	Yes	Yes	No	No	No	Ref to Note 6, 12 & 14	
DC108A-E	J	1000	2022	44.5	Alum	ANOD	GLC1B	Alum	Anod	CV01			Yes	Yes	Yes	Yes	Yes	Yes	Card Reader Ref to Note 6	
DC108B	F	915	2185	44.5	WD	WD/ST	-	HM	PT	F01			No	No	No	No	No	No	Ref to Note 6 & 14	
DC108C	F	915	2200	44.5	WD	WD/ST	-	HM	PT	NA			No	No	No	No	No	No	Ref to Note 6 & 13	
DC109	F	1000	2185	44.5	WD	WD/ST	GLC3	HM	PT	F01			No	Yes	No	No	No	No	Ref to Note 6, 12 & 14	
DC109A	A	915	2185	44.5	WD	WD/ST	-	HM	PT	F01			No	No	No	No	Yes	Yes	Ref to Note 6	
DC110-1	F	915	2200	44.5	WD	WD/ST	-	HM	PT	NA			No	No	No	No	No	No	Ref to Note 6 & 13	
DC110-2	F	915	2200	44.5	WD	WD/ST	-	HM	PT	NA			No	No	No	No	No	No	Ref to Note 6 & 13	
DC111	F	1000	2185	44.5	WD	WD/ST	GLC3	HM	PT	F01			Yes	No	No	No	No	No	Ref to Note 6 & 13	
DC111A	A	915	2185	44.5	WD	WD/ST	-	HM	PT	F01			No	No	No	No	Yes	No	Ref to Note 6, 12 & 14	
DC112	A	915	2185	44.5	HM	PT	-	HM	PT	F01			No	No	No	No	Yes	No	Ref to Note 14	
DC113	F	915	2185	44.5	HM	PT	GLC3	HM	PT	F01			No	No	No	No	No	No	Ref to Note 14	
DC114	F	965	2185	44.5	WD	WD/ST	GLC3	HM	PT	F01			No	Yes	No	No	Yes	No	Ref to Note 12 & 14	
DC114A	A	915	2185	44.5	HM	PT	-	HM	PT	F01			No	No	No	No	No	No	Ref to Note 12 & 14	
DC115	A	1000	2185	44.5	HM	PT	-	HM	PT	F01			No	No	No	No	Yes	No	Ref to Note 12 & 14	
DC116	A	1000	2185	44.5	HM	PT	-	HM	PT	F01			No	No	No	No	Yes	No	Ref to Note 12 & 14	
DC117	F	1000	2185	44.5	HM	PT	GLC3	HM	PT	F01			No	No	No	No	No	No	Ref to Note 12 & 14	
DC117-1	F	915	2185	44.5	WD	WD/ST	GLC3	HM	PT	NA			No	No	No	No	No	No	Ref to Note 12 & 14	
DC118	A	915	2185	44.5	HM	PT	-	HM	PT	F02	45 Minutes	250	No	Yes	No	No	Yes	No	Ref to Note 12	

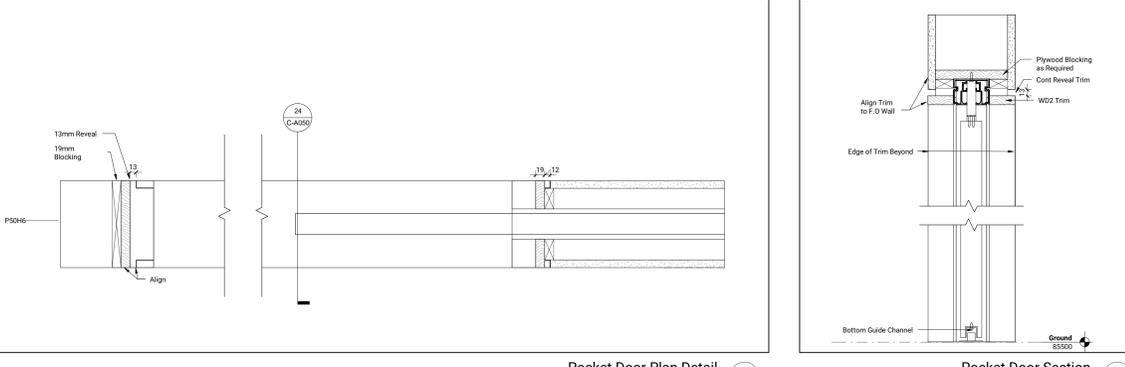
- GENERAL NOTES**
- Door Schedule**
- All Doors Scheduled to Receive Magnetic Hold Open or Automatic Door Operators Shall have Frames Predrilled to Take Electrical Wiring.
 - Refer to Floor Plans for Configuration of Door & Screen Conditions.
 - Door Sizes are to be Frame Rebate Sizes Less Clearances.
 - Refer to Door Hardware Schedule for Location of Kickplates and Door Protectors.
 - Provide Hinge Side Finger Guards.
 - Verify All Dimensions, Including (But Not Limited to) Rough Opening Sizes for Frames & Doors Prior to Commencing Work.
- Refer Also to Floor Plan for Door Handing, Finish Hardware Schedule, Life Safety Drawings, RCP, & Electrical Drawings.
 - Provide Cont Acoustic Door Seals & Automatic Door Bottom.
 - Ref to the Specifications, the Finish Hardware Schedule by Trillum Architectural Products, and to the Relevant Drawings by the Electrical Consultants and Other Related Sub-Disciplines for Work Related to Doors, Frame Assembly, & Associated Hardware.
 - Provide Video Intercom System At the Door Openings. Ref to Relevant Drawings by the Electrical Consultants and Related Sub-Disciplines for Additional Requirements for Interface Requirements with Doors, Frame Assemblies, & Associated Hardware.
 - Provide Frameless Half Height Door.
 - Section 12 24 13 to Provide Roller Window Shades WSC1 & Side Channels.

No.	Date	Description
4	17 MAR 23	Issued for Class C Costing
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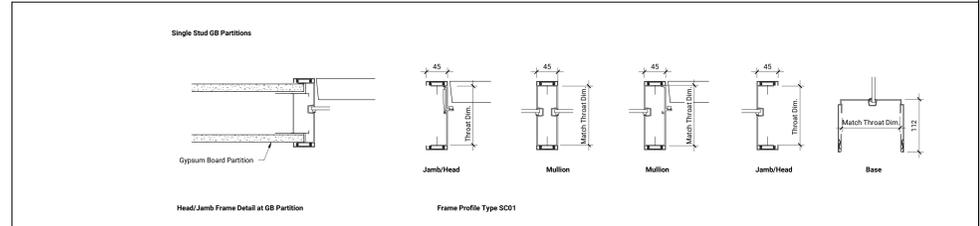
ISSUED



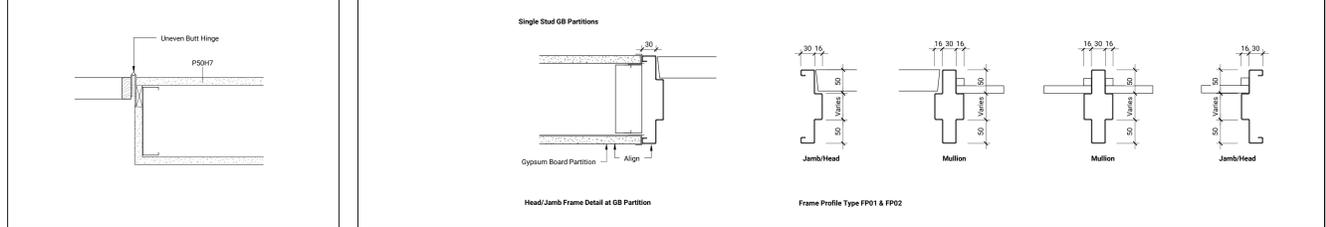
Door Types
1:20



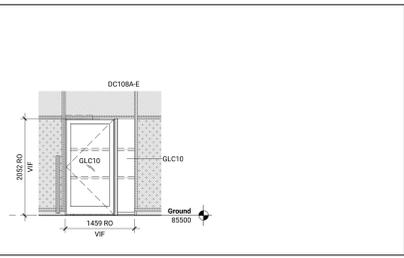
Pocket Door Plan Detail
1:5
Pocket Door Section
1:5



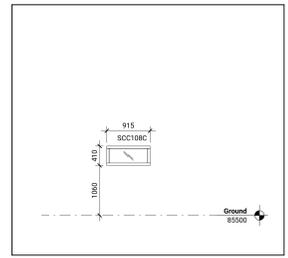
Aluminum Frame Profiles
1:5



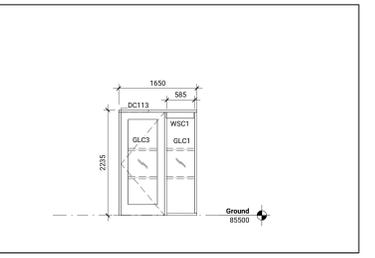
Hollow Metal Frame Profiles
1:5



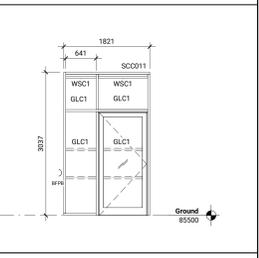
CW1 Insulated Alum Framed Entrance Door & Sidelite
1:50



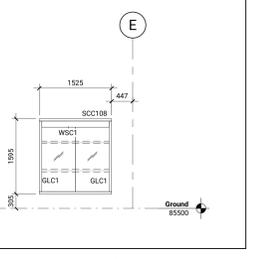
Interior Screen Infant Washroom North
1:50



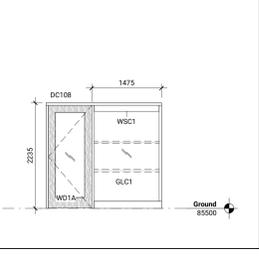
HM Interior Screen Laundry & Toy Wash
1:50



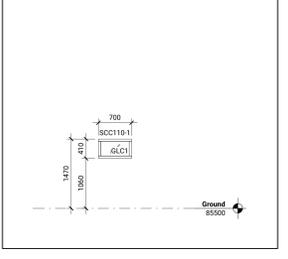
Alum Interior Screen Vestibule
1:50



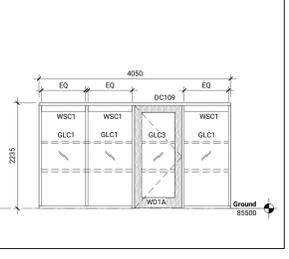
HM Interior Screen Infant Activity
1:50



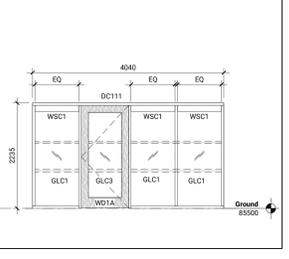
HM Interior Screen Infant Vestibule
1:50



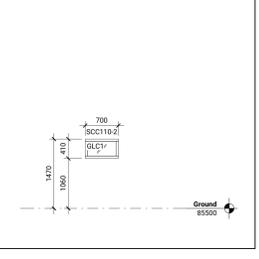
Interior Screen Toddler Activity 1 West
1:50



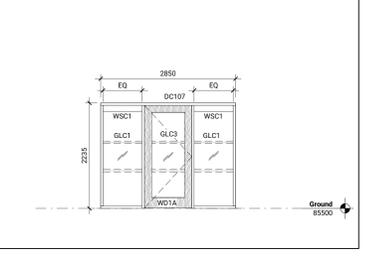
Alum Interior Screen Toddler Activity 1
1:50



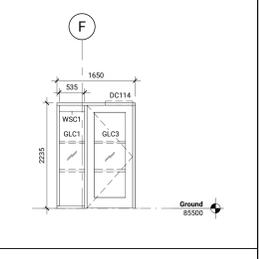
Alum Interior Screen Toddler Activity 2
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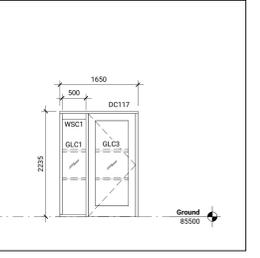
Interior Screen Toddler Activity 2 West
1:50



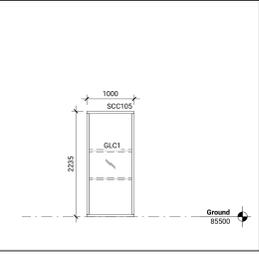
Alum Interior Screen Preschool Activity 2
1:50



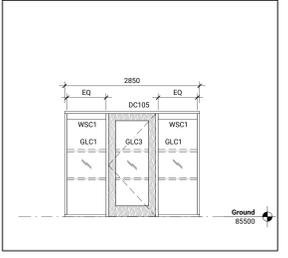
HM Interior Screen Servery
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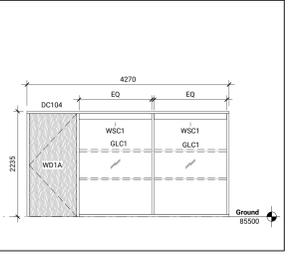
HM Interior Screen Staff Room
1:50



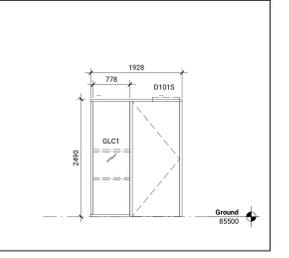
HM Interior Preschool Activity 1 & 2
1:50



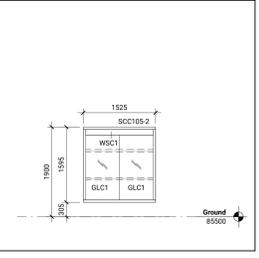
Alum Interior Screen Preschool Activity 1
1:50



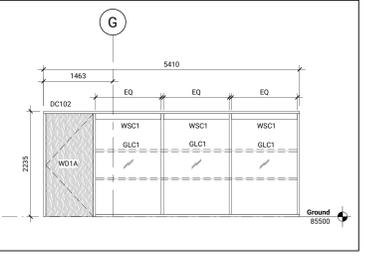
Alum Interior Screen Meeting Room
1:50



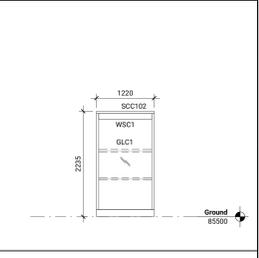
Rated Interior Screen Corridor South
1:50



HM Interior Screen South Corridor
1:50

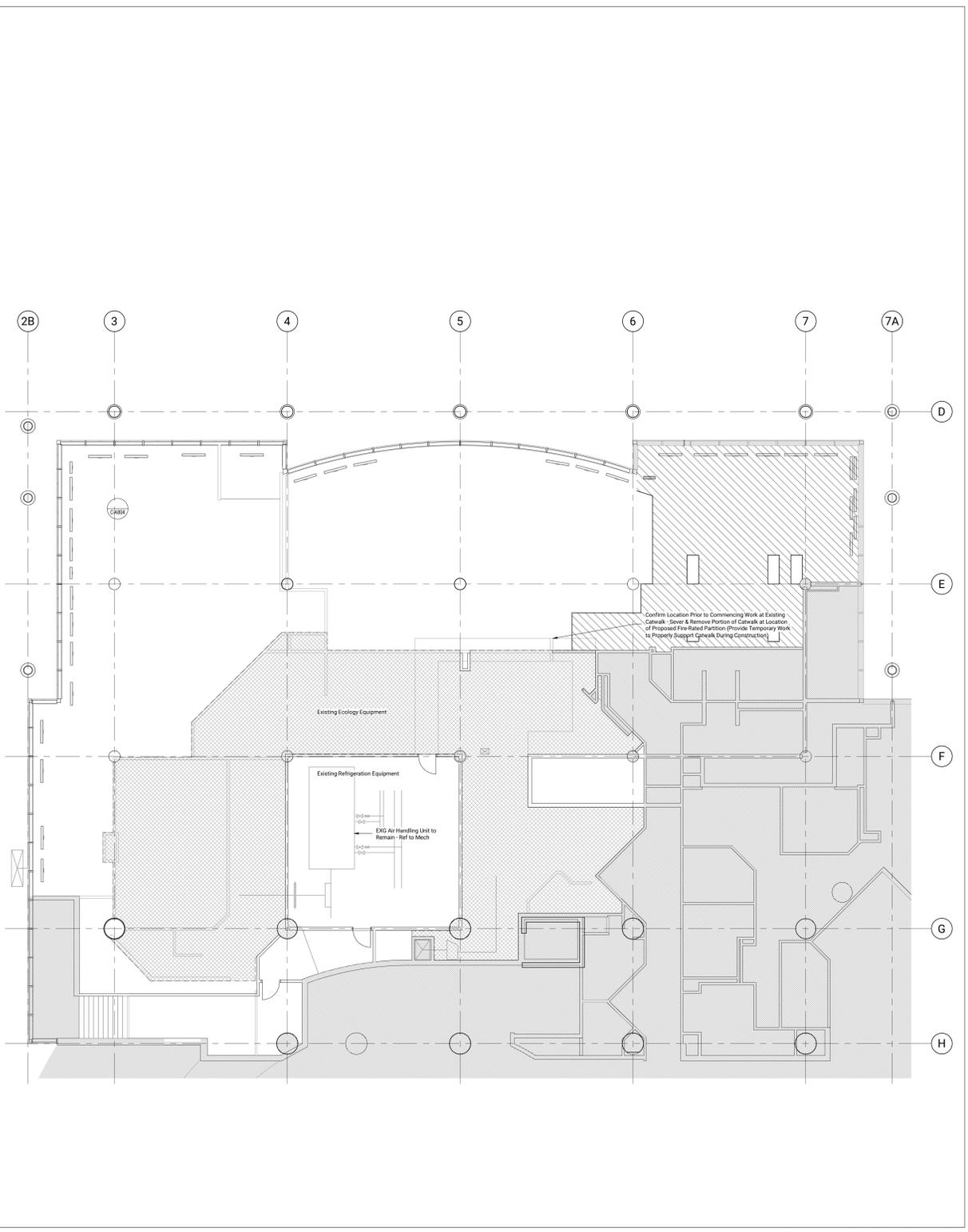


Alum Interior Screen Office West
1:50

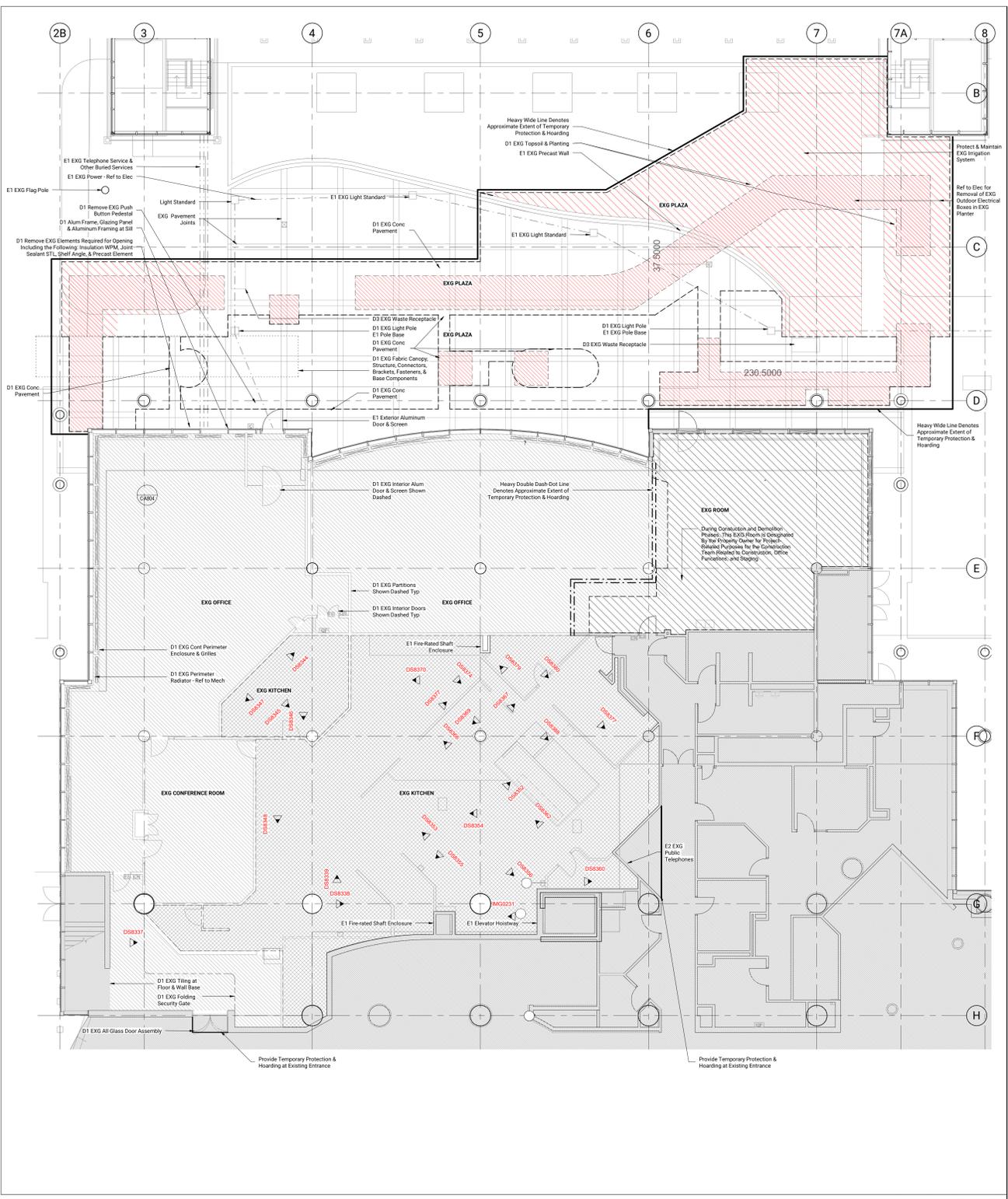


Alum Interior Screen Office
1:50

Contractor Must Check & Verify all Dimensions on the Job.
Do Not Scale Drawing.
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Mechanical Mezzanine Demolition Plan 1:100 (C-A051)



Level 1 Demolition Plan 1:100 (C-A051)

Scope of Work Legend for Demolition Plan

- AD Area Drain
- D1 Demolish & Dispose
- RD Roof Drain
- EXG Office Area by Element
Demolish & Remove All Floor Finish Assemblies & Any Blocking Elements for System Furniture & Elevated Platforms. Ref to Plan for Demolition Scope for Individual Elements. Ref Also to Mechanical and Electrical Drawings.
- EXG Commercial Kitchen Area by Element
Demolish & Remove All Floor Finish Assemblies & Any Blocking Elements for System Furniture & Elevated Platforms. Ref to Plan for Demolition Scope for Individual Elements. Ref Also to Mechanical and Electrical Drawings.
- EXG Room (Ceiling Only)
Demolish & Remove Existing HVAC. Ref to Mechanical for Specific Items. Remove, Save & Protect Existing ACT Ceiling Assembly for Re-installation As Required to Execute Mechanical & Related Work. Replace & Re-install Existing ACT Ceiling Assembly After Completion of Mechanical & Related Work. Make Good Any Damage to Existing Elements in Ceiling.
- EXG Site Area
Demolish & Remove Cast-in-Place Concrete Pavement & EXG Precast Panels. Remove Gravel, Topsoil, Decorative Rocks, & Salvage for Reinstallation. Refer to Landscape and/or Notify Landscape Consultant Prior to Commencing Cleaning & Grubbing Work.
- EXG Site Area
In Addition to the Above, Demolish & Remove Roofing Assembly Including EXG Insul & Waterproofing Membrane to Top of Structural Concrete Deck.

Legend for EXG Commercial Kitchen Area & Servery Scope of Work by Element

- Ce Ceiling Finish Assemblies
Including Acoustical Tile, Gypsum Board, Sheathing, T-Bar Suspension Hardware, Insulation, Wires, Air Registers, Air Grilles, Associated Metal Framing, Blocking, Trims, & All Associated Supporting Members, Hardware & Fasteners.
- FI Floor Finish Assemblies
All Elements Associated with Finishes Including Tiling & Substrates, Carpet Tile & Substrates, Metal & Synthetic Trims, Transitions, Thresholds.
- Wa Non-Load-Bearing Walls & Partition Assemblies
Demolish & Remove All Metal Framing, Insulation, Blocking, Sheathing, Tiling, Metal & Synthetic Trims, Sill Caps, Wall Base, Obsolete Access Panels, Miscellaneous Mounting Hardware, Signage, Decorative Cover Plates for Devices.
- SI Interior Screen Assemblies
Including All Metal Frames, Glazing Assemblies, All Associated Supporting Members, Hardware, Fasteners, & Blocking.
- Ca Cabinetry & Millwork
Including Floor & Wall Mounting Hardware.
- Do Door & Sidelite Openings
Including Wood Doors, Glass Doors, Door Frames, & Related Finishing, Operating, & Security Hardware, Sidelite Frames, & Glazing Assemblies.
- Sp Other Specialty Systems
Roller Shades and Mounting Hardware, Side-Folding Security Grilles.
Ref to or Notify Mechanical or Electrical Consultant Prior to Commencing Work on Speaker Systems.
- HV HVAC System
Refer to or Notify Mechanical Consultant Prior to Commencing Work for HVAC Equipment, including Radiators, Condensing Units, Heat Exchangers, Cabinet Units, Fans, Pumps, Ductwork Assemblies including Backdows, Plenums, Silencers, Dampers, & All Associated Supporting Hardware & Fasteners.
- Me Mechanical Systems
Refer to or Notify Mechanical Consultant Prior to Commencing Work for Hydronic, Steam, Gas, Refrigeration and Other Systems including Associated Piping Assemblies and Valve Enclosures.
- PI Plumbing
Refer to or Notify Mechanical Consultant Prior to Commencing Work for Domestic Water, Vent, Sanitary & Storm and All Associated Supporting Hardware & Fasteners, Sanitary & Storm Drains, Drain Caps, Metal Liners, Sieves, Interceptors, Pumps, Sumps, & Obsolete Valve Enclosures.
- KI Kitchen Equipment
Refer to Mechanical Prior to Commencing Work for Exhaust Hood System, Assemblies, & Associated Fire Suppression System, and Coolers.
- EI Electrical Power, Communication, Data, & Control Systems
Refer to Electrical or Notify Electrical Subconsultant Prior to Commencing Work on Electrical Distribution, Panels, Receptacles, Outlets, Parts, Sensors, Boxes, Cables, Conduits, Poke-Throughs, Wiring, Raceways, & All Associated Supporting Members, Hardware & Fasteners.
Refer to Electrical or Notify Electrical Subconsultant Prior to Commencing Work on Electrical Devices including Controls, Switches, Thermostats.
- Lu Luminaire Assemblies
Refer to Electrical and Notify Electrical Consultant Prior to Commencing Work on Luminaires, Illuminated Signage, Drivers, All Associated Supporting Supporting Members, Hardware & Fasteners, & Protective Enclosures.
Deliver Light Bulbs to Recycling Facility.
- FP Fire Protection Systems
Refer to Electrical and Notify Electrical Consultant Prior to Commencing Work on Alarm Systems and Devices including, But Not

*Demolition Notes

1. Review & Identify Existing Building Systems Required to Remain Operational and Requiring Protection During the Execution of Work. Notify Consultant Prior to Commencing Work on Life Safety Systems including, But Not Limited To, Illuminated Signage and Fire Protection Systems including Alarms and Sprinklers. Notify Consultant Prior to Commencing Work on HVAC, including Gas, Steam, and Refrigeration, Domestic Water, Sanitary, and Storm.
2. Demolish existing partitions as required to suit layout of proposed alteration.
3. On Elements Designated for Removal, Salvage and Consign the Following Items to the Owner:
 - subtile partitions including tracks & anchoring hardware
 - existing electronic door entry reader devices
 - maglock hardware
 - ceiling projector mounts
 - ceiling projection screens
 - wall clocks
 - conece mirrors
 - pamphlet displays
 - whiteboards
 - bulletin boards
 - tackboards
 - glass doors & associated rails
 - door level tests
 - door lock hardware & cylinders
 - door closers
 - automatic door operators
 - alcohol dispensers
 - corner guards
 - wall sconce luminaires
 - mirrors
4. Existing Bell Public Telephone to be Removed by Bell. Confirm Sequencing of Events with GC Prior to Commencing Work.
5. GC to Provide Controls As Required to Prevent Dust and Other Contaminants Related to the Work From Entering All Spaces Outside of the Scope of Work. Ref to the Applicable Sections of the Project Manual for Full Requirements.
6. Refer also to Mechanical & Electrical drawings for associated demolition scope related to other disciplines. Notify consultants prior to commencing work on any systems required to maintain disciplines. Notify consultants prior to commencing work on any systems required to maintain disciplines.

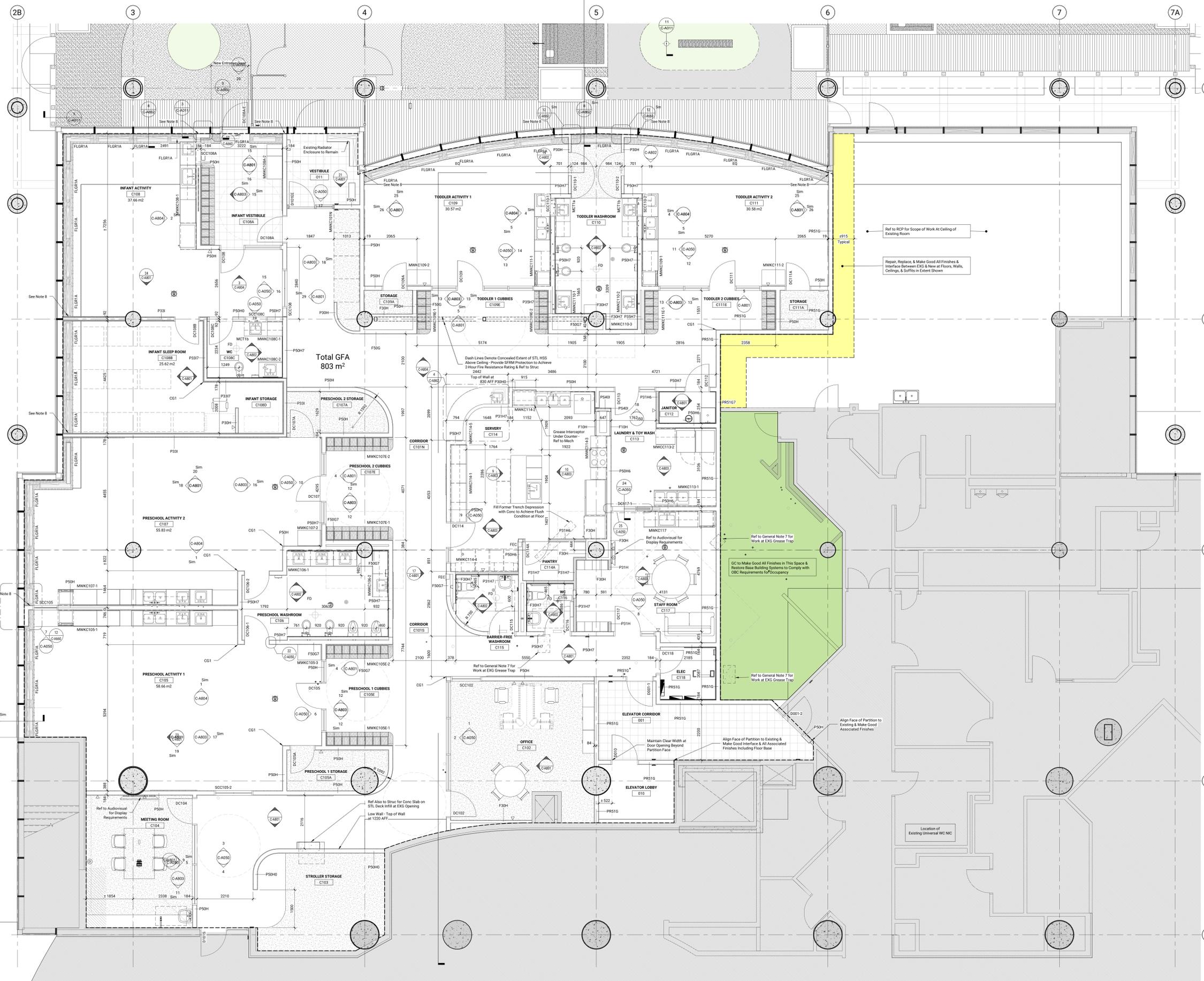
No.	Date	Description	ISSUED
1	22 SEP 06	Issued for Zoning Applicable Law	
2	22 SEP 06	Issued for Cost D Costing	
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7	20 JUL 23	Issued for 95% Design Review	
11	23 FEB 24	Issued for 100% Final Design Package	
12	08 JUL 24	Revised for 100% Final Design Package	

NOT FOR CONSTRUCTION

- GENERAL NOTES**
Plan Symbols
- RD Denotes Roof Drain
 - FD Denotes Floor Drain
 - AD Denotes Area Drain
 - HB Denotes Hose Bib Location
 - Denotes Proposed Staircase Connection Location
 - Convex Mirror
 - EXG Depression or Slab Penetration with Conc Infill - Ref to General Note 7
 - Line Delineates Construction Fencing/Boarding

- GENERAL NOTES**
Plans
1. Refer to Building Elements Schedule for Exterior Wall, Partition, Roof, Ceiling, and Soffit Types.
 2. Refer to Mechanical and Electrical Drawings for Additional Requirement.
 3. At Locations Where Mech. Ducts Interfere with Full Height Construction of Interior Partitions, Offset Partition Above Ceiling and Brace as Required. Maintain Fire Separation/Smoke Rating of Partition. Offsetting of Partitions Will Only be Permitted Where Checkmark Cannot be Positioned.
 4. All Dimensions are Taken to Face of Masonry or Concrete at Masonry and Concrete Walls and Partitions. At Steel Stud Partitions, Dimensions are Taken to Face of Gypsum Board, Unless Otherwise Noted.
 5. Increase Thickness of Walls or Full Out Wall Thickness as Required to Accommodate Mechanical and Electrical Panels and Services. Maintain Fire Separation Around Back of Panels Where Applicable.
 6. For Dimensions of Concrete Refer to Slab Edge Drawings.
 7. Provide Conc Infill at Slab Depression to Achieve Flush Condition at Floor LIND. Drawing Delineates Rough Location & Extent. Verify Actual Location & Extent in Field Prior to Commencing Work. Make Good & Prepare Surface to Receive Floor Finishes. Ref Also to Spec.
 8. Extend Partition Assembly Down to Bottom of EXG Radiator Trough Typ at Intersections with EXG Alum Framed Glazing.

No.	Date	Description	ISSUED
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13	08 JUL 24	Issued for MDC & Public Health	



Total GFA 803 m²

Ref to RCP for Scope of Work At Ceiling of Existing Room

Repair, Replace, & Make Good All Finishes & Interface Between EXG & New at Floors, Walls, Ceilings, & Soffits in Extent Shown

QC to Make Good All Finishes in This Space & Restore Base Building Systems to Comply with OBC Requirements for Occupancy

Align Face of Partition to Existing & Make Good Interface & All Associated Finishes Including Floor Base

Location of Existing Universal WC NIC

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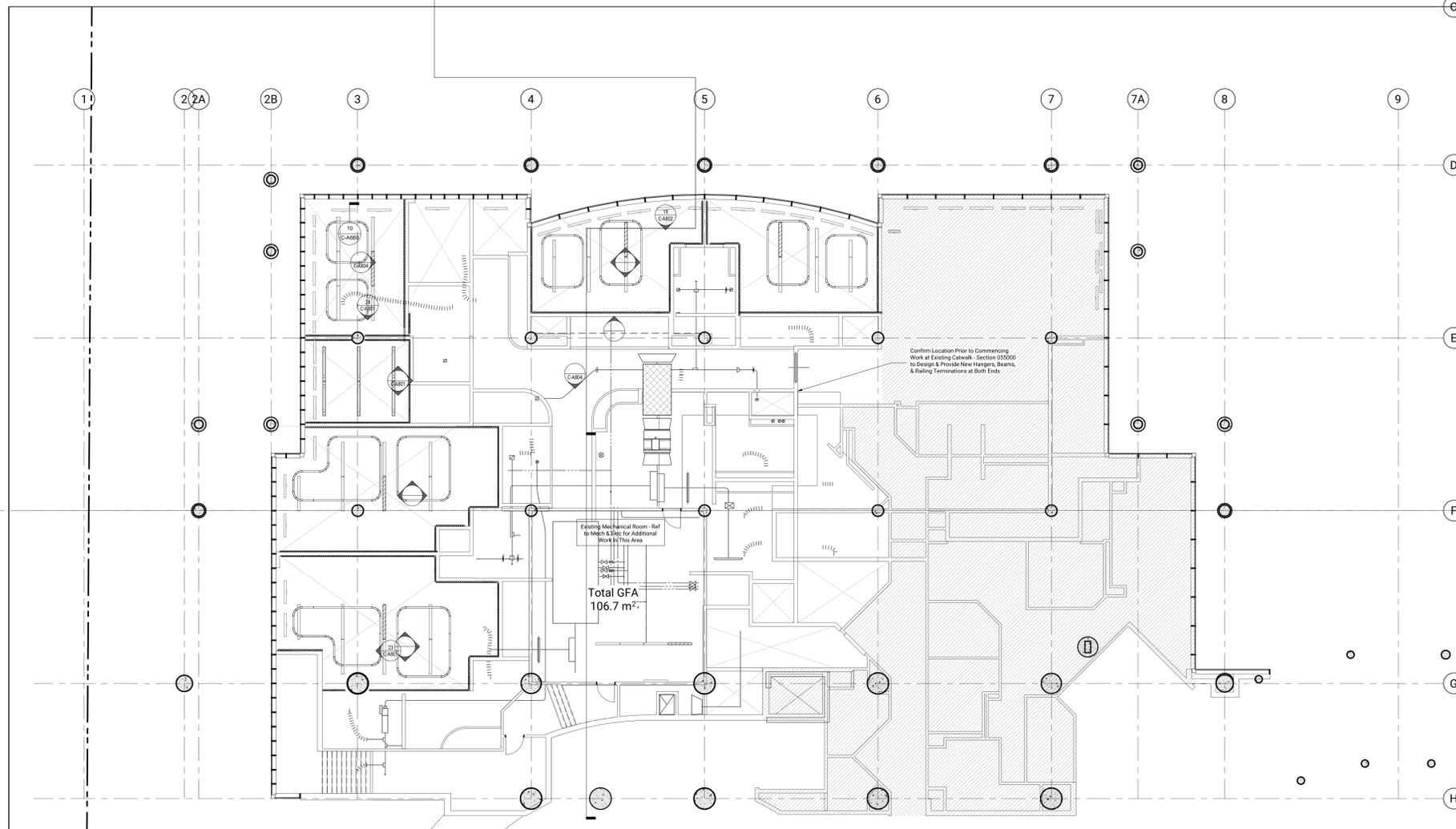
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TORONTO
Metro Hall Fire Station & Early Years Child Care Centre Renovation

55 John Street
Toronto, ON
M5J 2S5
21618-21025

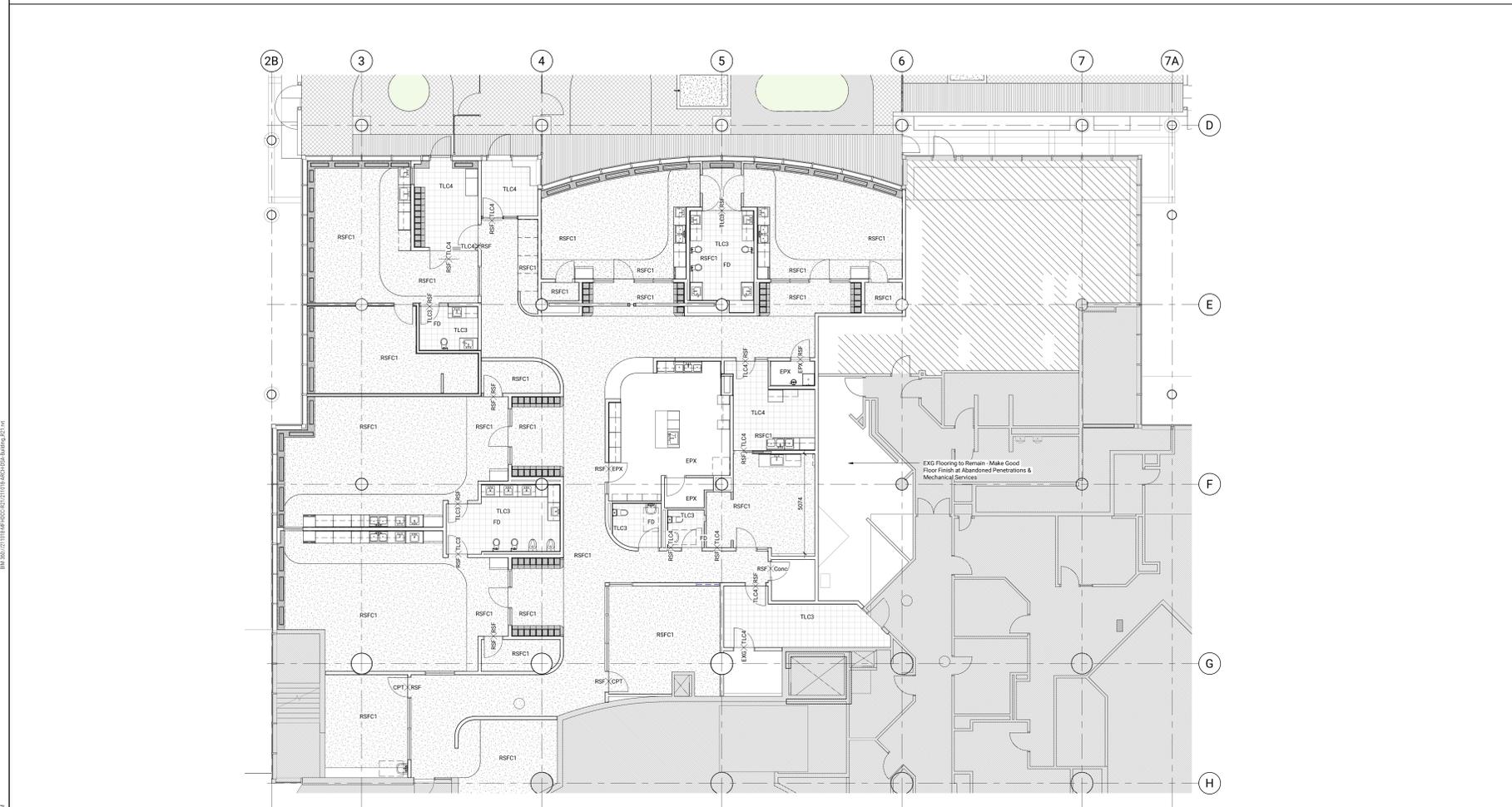
Child Care-Level 1 Floor Plan
As Indicated
C-A-101

2024-07-18 10:34 AM

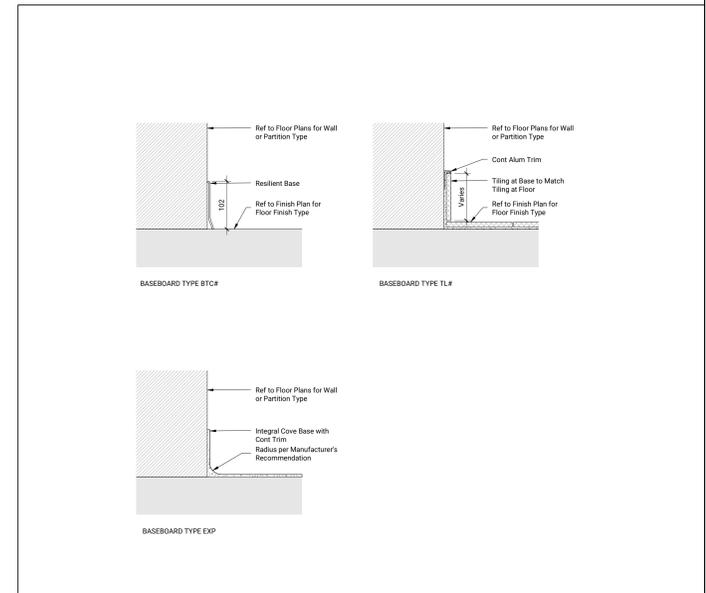


Child Care-Mezzanine Plan 1:100 CA102

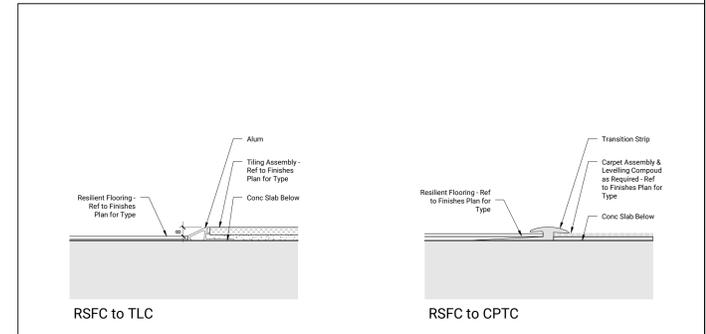
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Child Care-Finishes Plan 1:100 CA102



Floor Base Types 1:5 CA103



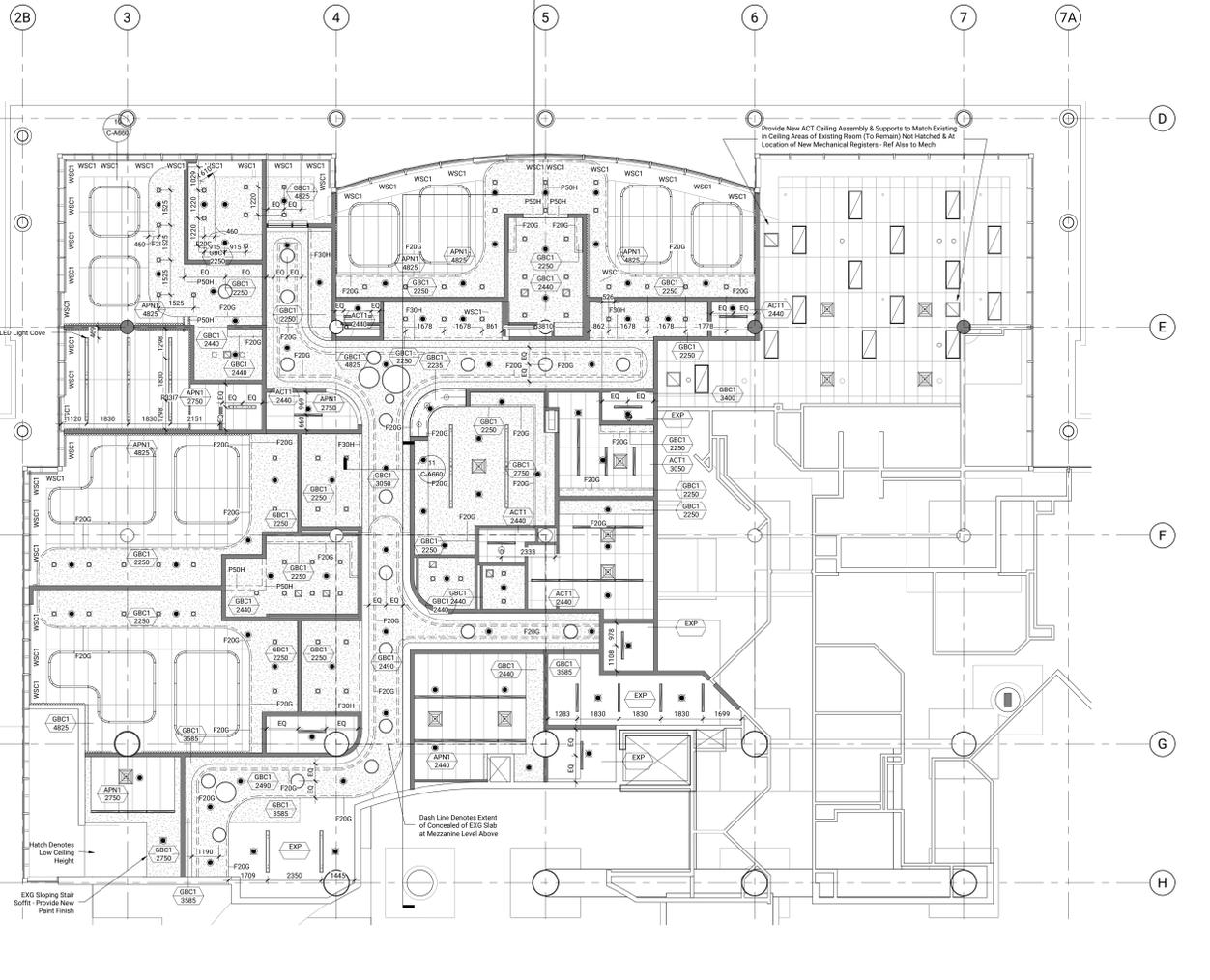
Typical Floor Transition Types 1:2 CA104

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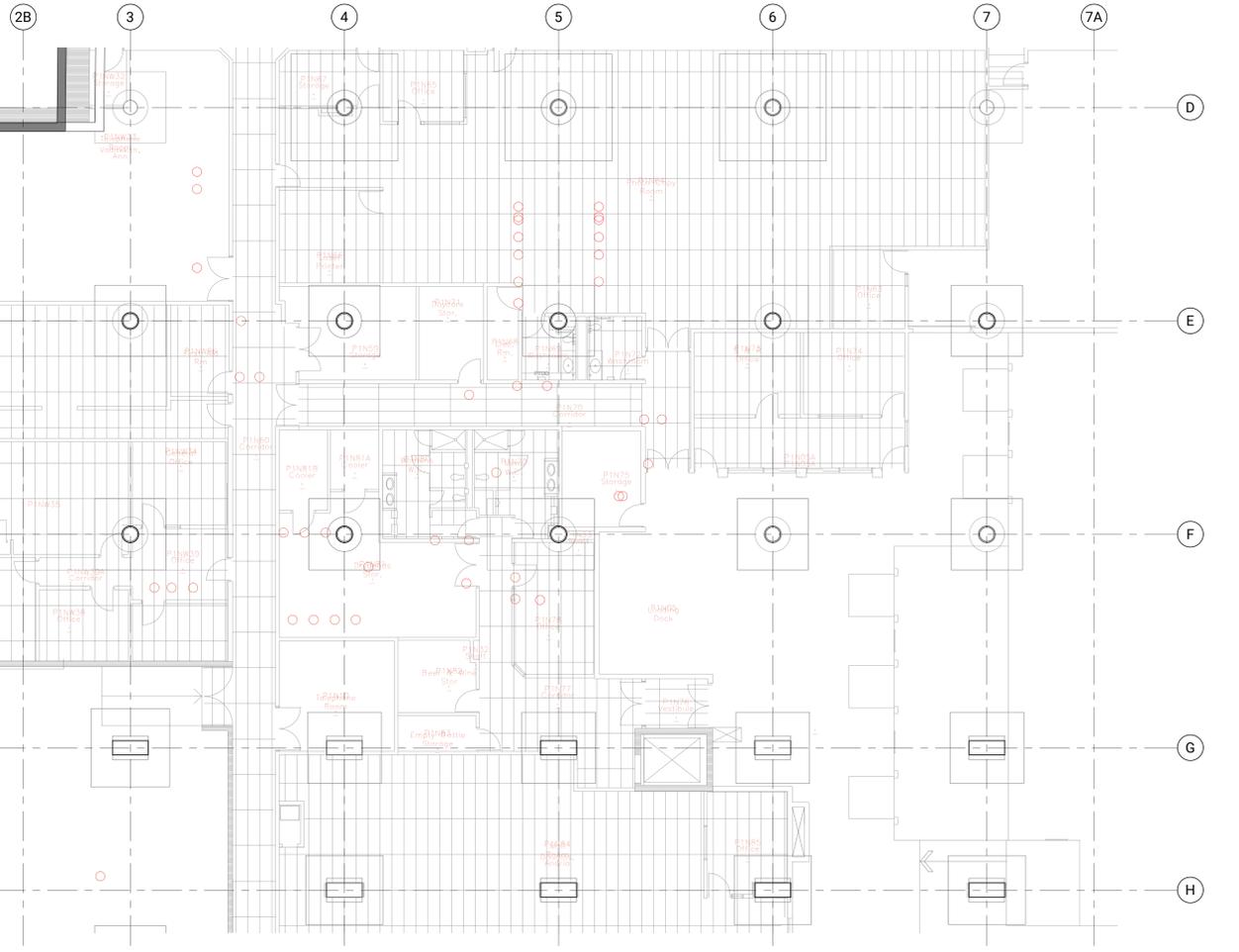
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TORONTO
Metro Hall Fire Station & Early Years Child Care Centre Renovation
 55 John Street
 Toronto, ON
 M5V 3C5
 416-924-3100
Child Care-Mezzanine & Finishes Plan
 As Indicated

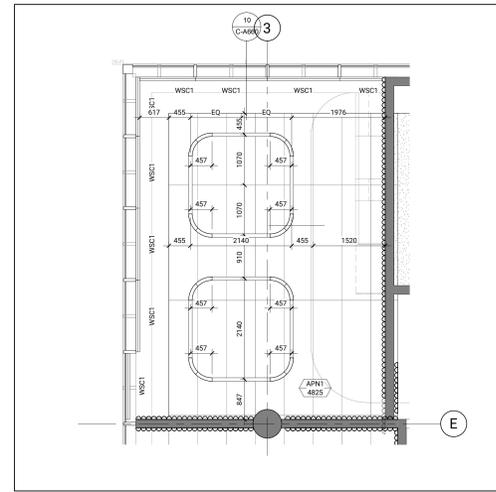
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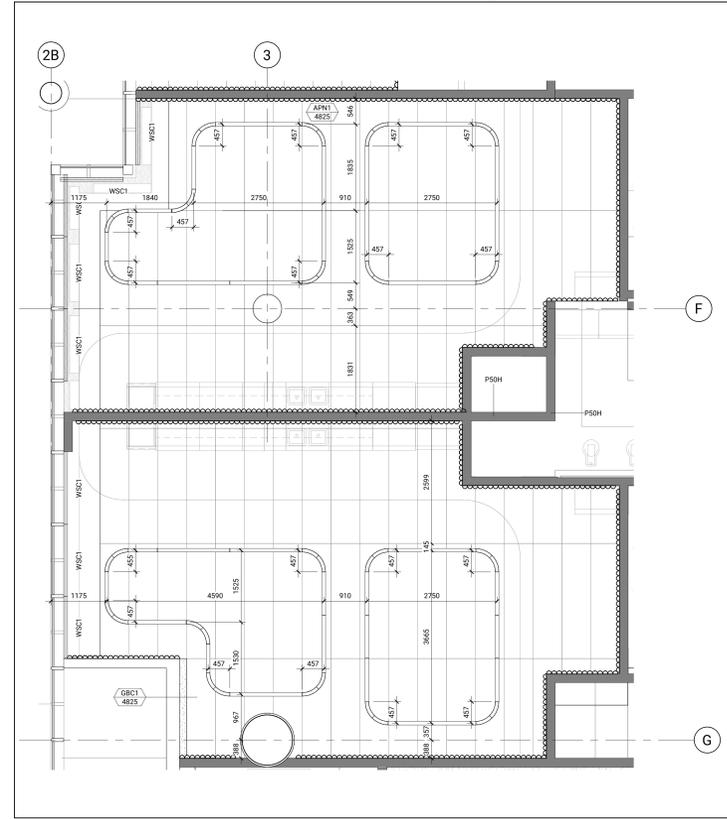
Level 1 Reflected Ceiling Plan 1:100 (CA201)



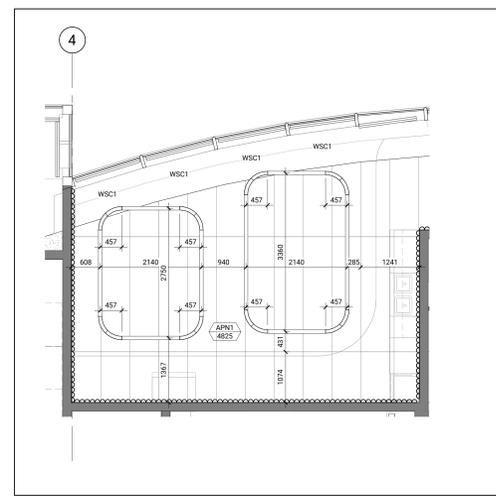
Level P1 Existing RCP 1:100 (CA201)



Enlarged Infant Activity Reflected Ceiling Plan 1:50 (CA201)



Enlarged Preschool Activity Reflected Ceiling Plan 1:50 (CA201)



Enlarged Toddler Activity Reflected Ceiling Plan 1:50 (CA201)

- LEGEND**
- Plan Symbols**
- Ceiling Type/Height Above Floor Level
 - Recessed Potlight
 - Recessed Wall Wash Potlight
 - Pendant Light Fixture
 - Wall Mounted Luminaire
 - Wall Mounted Linear Luminaire
 - Round Surface Mounted Luminaire
 - Recessed Luminaire
 - Surface Mounted Luminaire
 - Suspended Luminaire
 - Strip Lighting
 - Track Lighting Fixture
 - Spotlight
 - Sprinkler Head - Upright
 - Sprinkler Head - Concealed
 - Sprinkler Head - Pendant
 - Sprinkler Head - Side Wall/Window
 - Supply Air Diffuser
 - Return Air Diffuser
 - Linear Diffuser
 - Exhaust Arm
 - Radiant Panel
 - Chilled Beam
 - Access Panel
 - Roller Blind
 - Projection Screen
 - Occupancy Sensor
 - Daylight Sensor
 - Specialty Sensor
 - Speaker - Low Level Paging
 - Speaker - Audio/Visual
 - Fire Alarm - Speaker/Horn
 - Fire Alarm - Bell
 - Fire Alarm - Strobe
 - Fire Alarm - Speaker/Horn/Strobe
 - Smoke Detector
 - Exit Sign - Ceiling Mounted
 - Exit Sign - Wall Mounted
 - Emergency Light
 - Camera - Security
 - Camera - Security Wall Mounted
 - Camera - Audio/Visual
 - Camera - Audio/Visual Wall Mounted
 - Clock - Wall Mounted

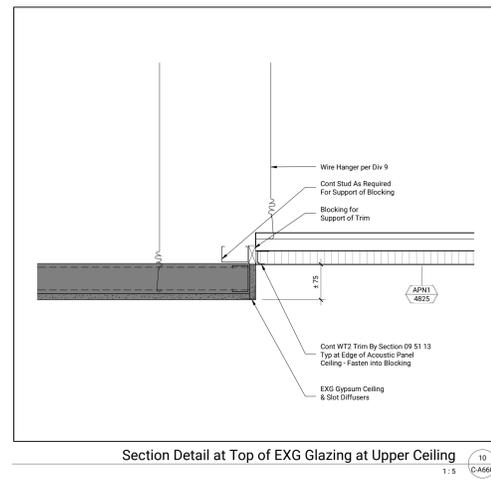
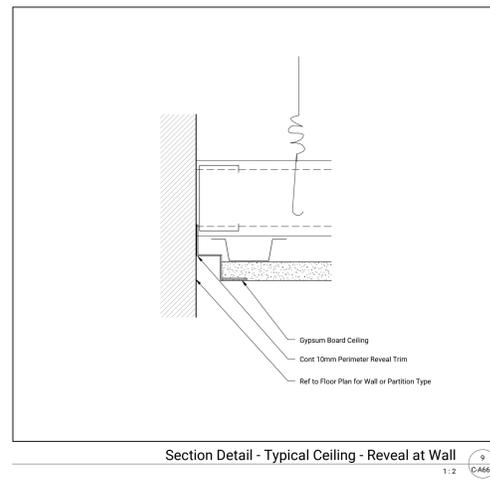
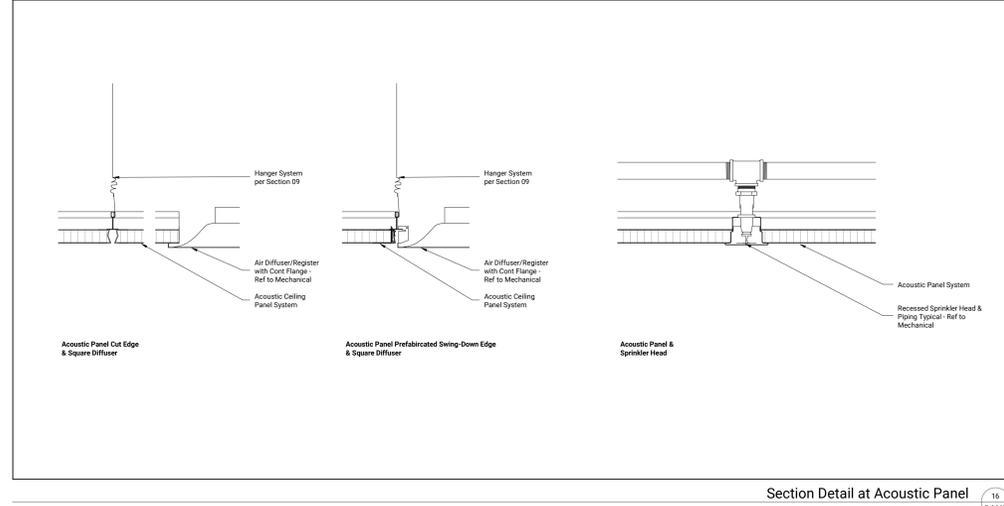
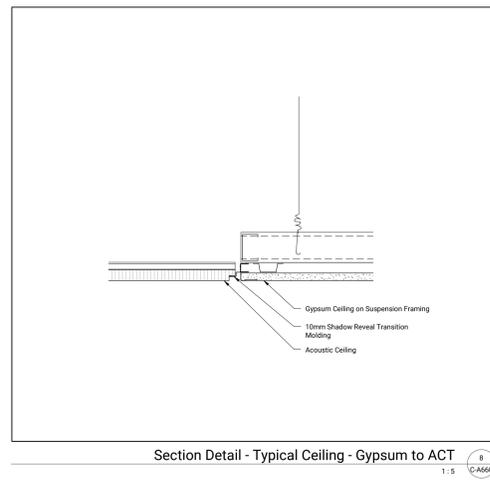
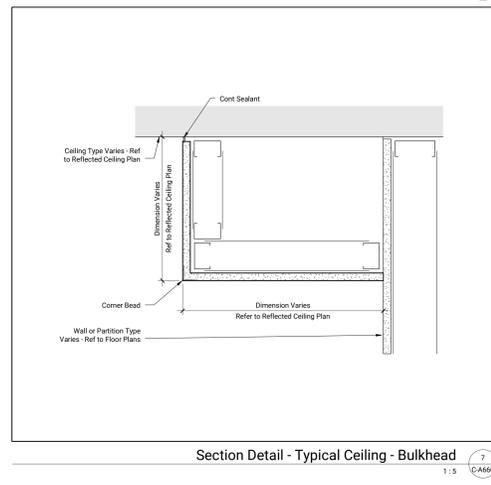
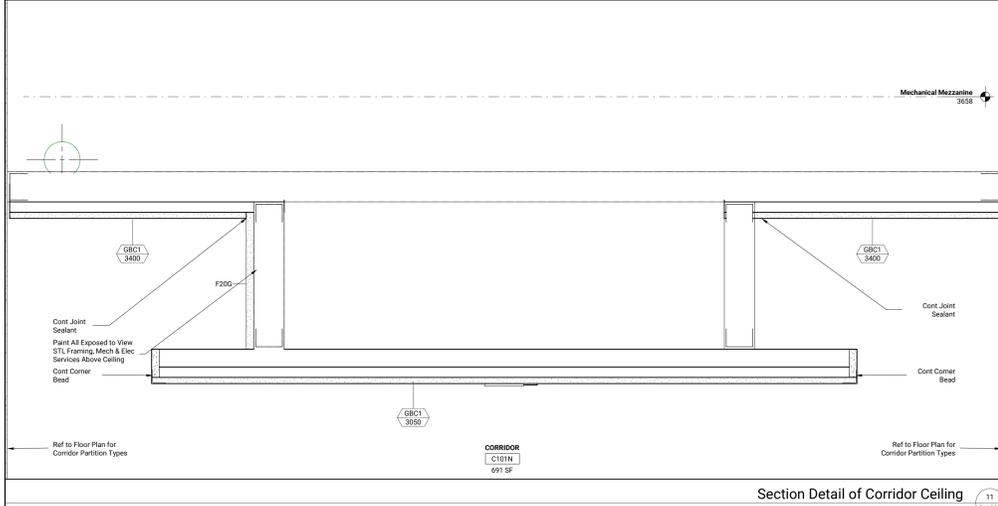
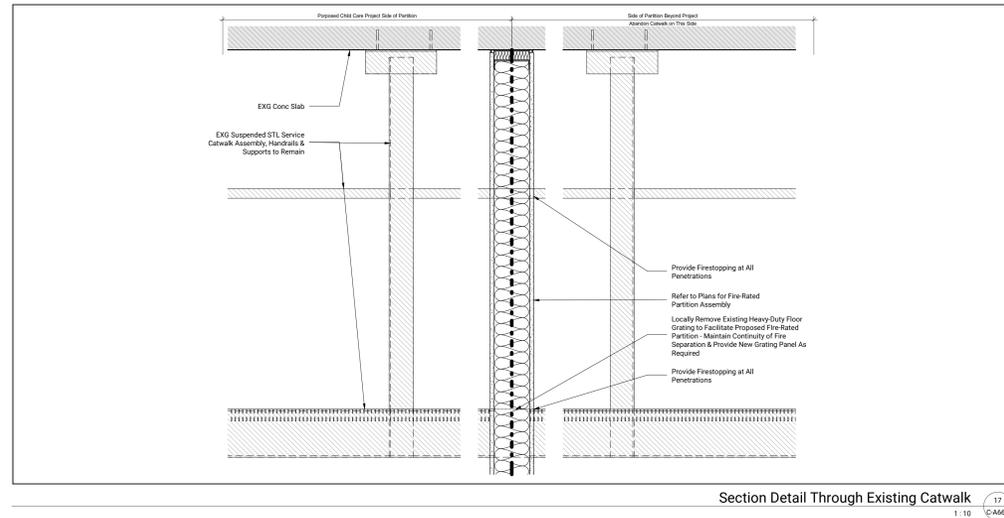
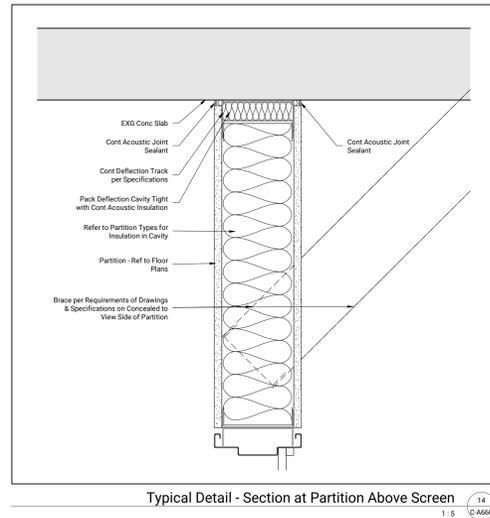
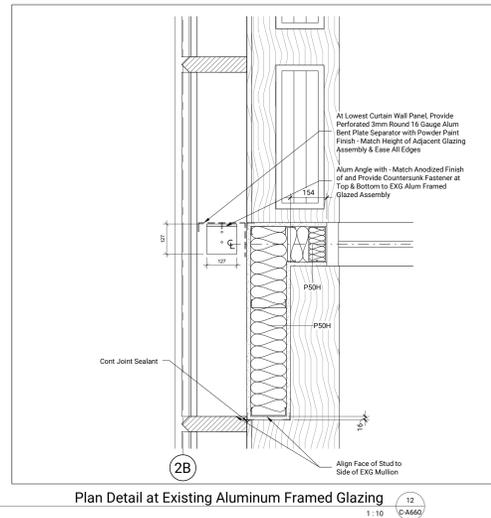
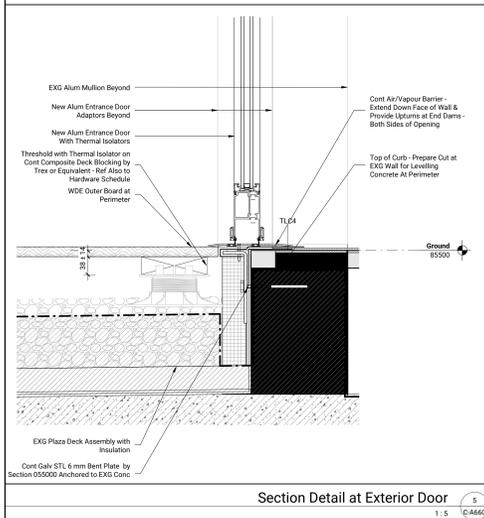
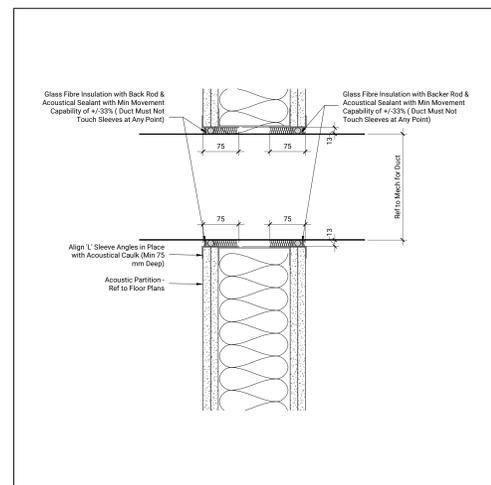
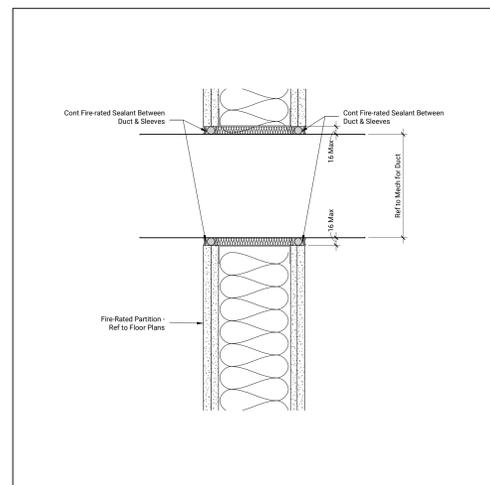
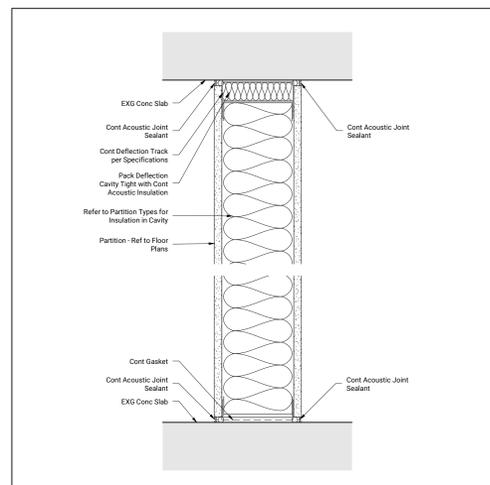
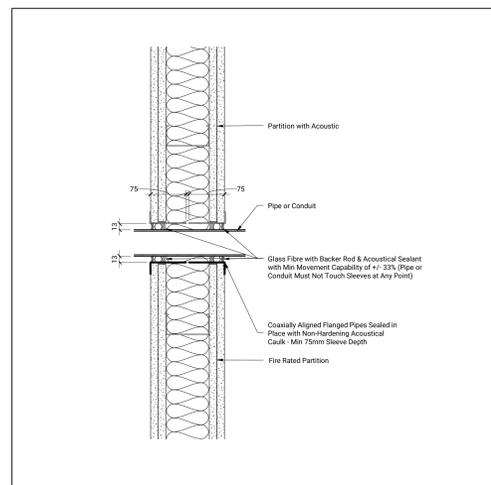
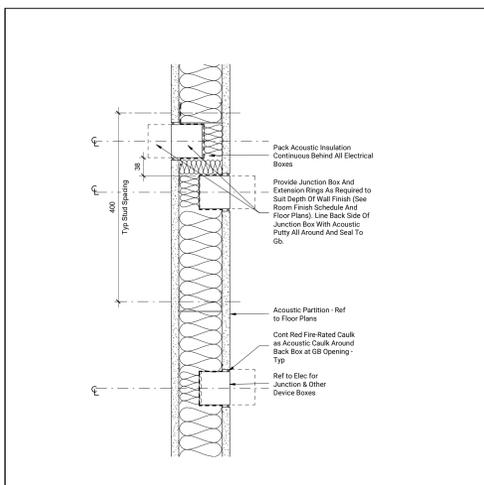
ISSUED

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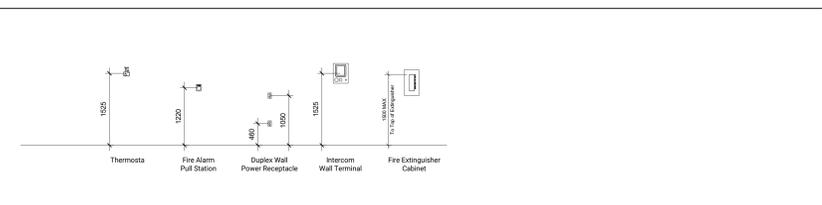
- GENERAL NOTES**
- Ceiling**
1. Refer to Mechanical and Electrical Drawings for All Ceiling Mounted Fixtures and Mechanical and Electrical Equipment. Positioning of All Mechanical and Electrical Fixtures and Equipment Shall Be Governed by Architectural Drawings Subject to Full Compliance with Code Requirements. Report Any Discrepancies Between Engineering and Architectural Documents Prior to Commencement of Work.
 2. Refer to Audiovisual Drawings for All Audiovisual Ceiling Mounted Fixtures and Equipment. Positioning of All Audiovisual Fixtures and Equipment Shall Be Governed by Architectural Drawings Subject to Full Compliance with Audiovisual Requirements. Report Any Discrepancies Between Audiovisual and Architectural Documents Prior to Commencement of Work.
 3. All Fixture Layout Dimensions Provided are to Face of Finished

NOT FOR CONSTRUCTION

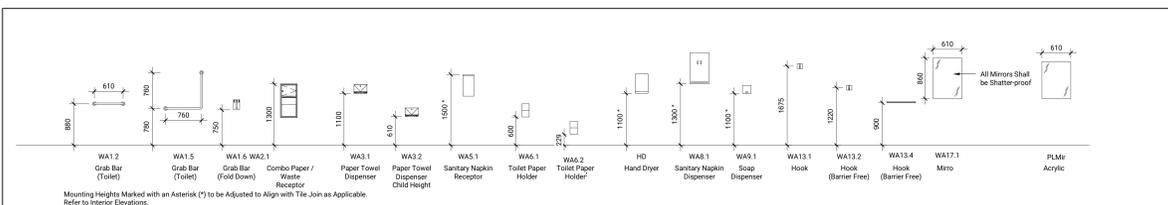
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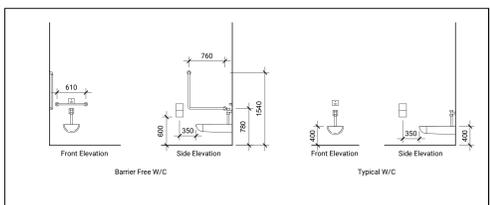
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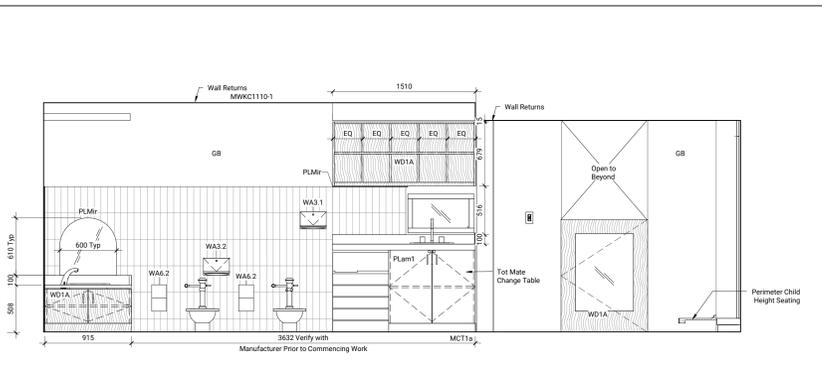
Device Mounting Height Schedule
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C-AB02



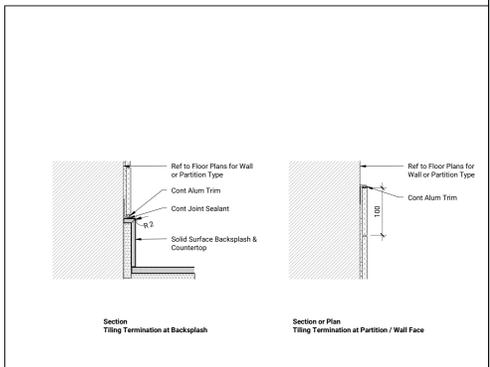
Washroom Accessories Schedule
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C-AB02



Water Closet & Accessories Schedule
1:50
C-AB02

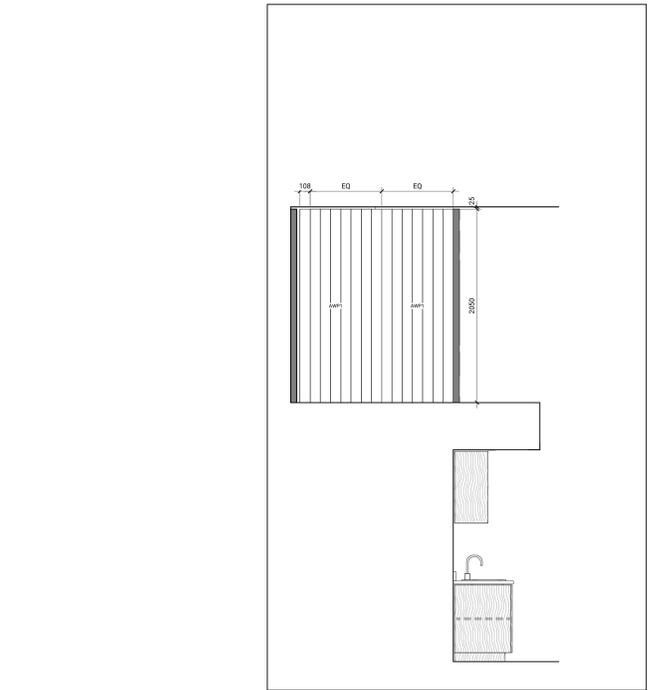


Interior Elevation Toddler Washroom West
1:25
C-AB02

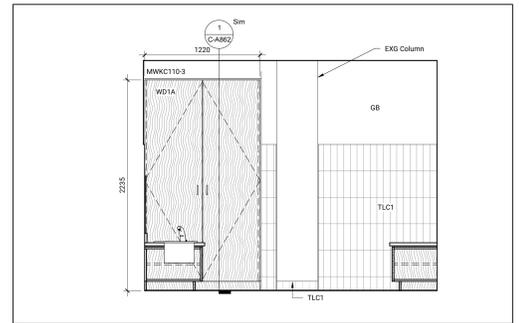


Tile Termination Types
1:5
C-AB02

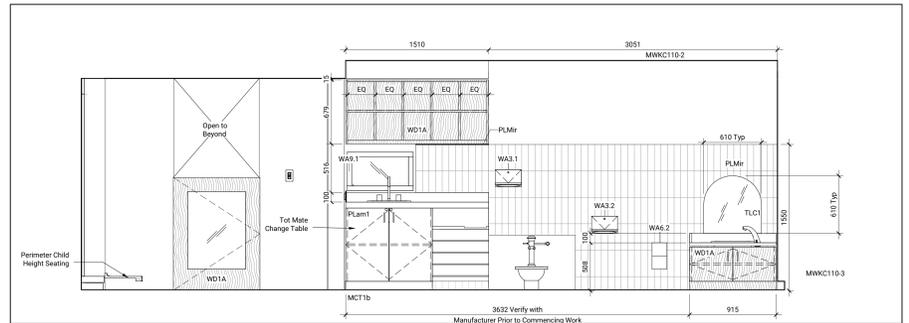
No.	Date	Description
4	17 MAR 23	Issued for Class C Coasting
5	21 APR 23	Issued for 75% Design Review
7	20 JUL 23	Issued for 95% Design Review
11	23 FEB 24	Issued for 100% Final Design Package
12	08 JUL 24	Revised for 100% Final Design Package



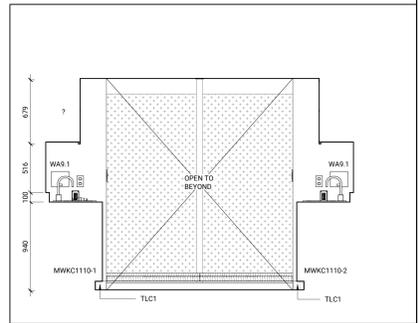
Toddler Activity 1 South Corner
1:25
C-AB02



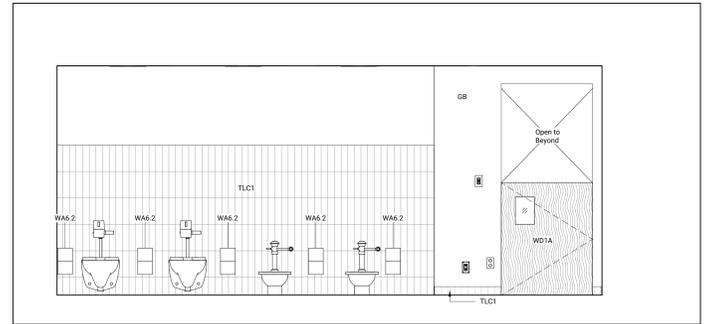
Interior Elevation Toddler Washroom South
1:25
C-AB02



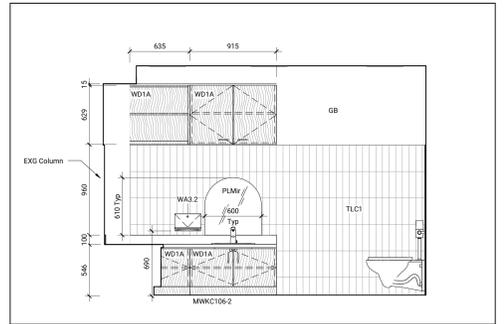
Interior Elevation Toddler Washroom East
1:25
C-AB02



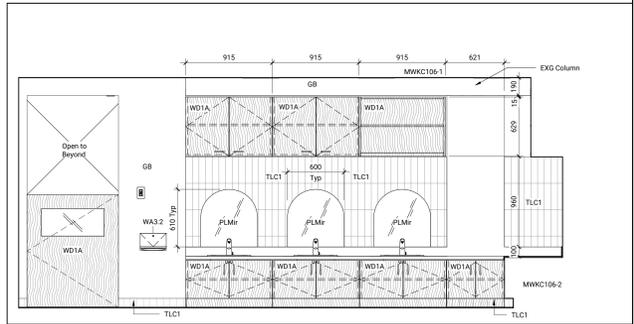
Interior Elevation Toddler Washroom North
1:25
C-AB02



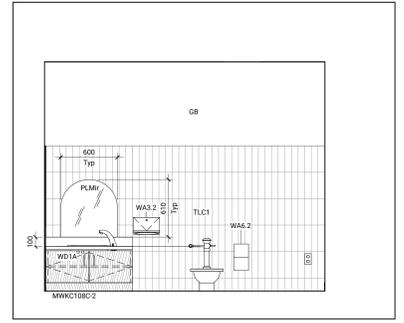
Interior Elevation Preschool Washroom South
1:25
C-AB02



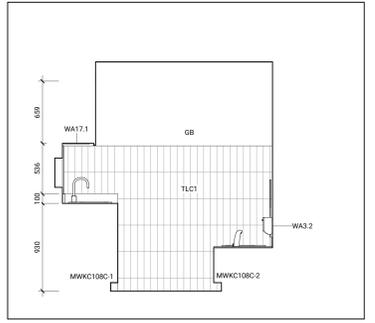
Interior Elevation Preschool Washroom East
1:25
C-AB02



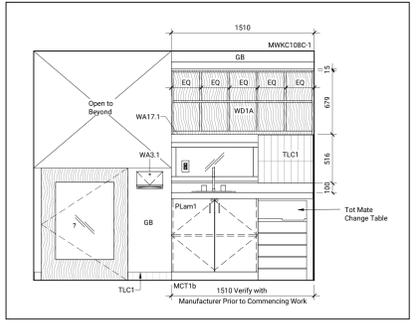
Interior Elevation Preschool Washroom North
1:25
C-AB02



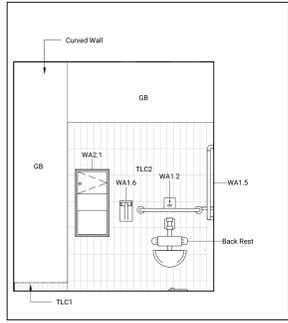
Interior Elevation Infant Washroom South
1:25
C-AB02



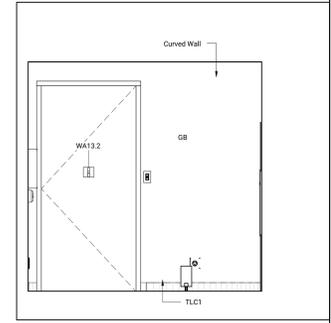
Interior Elevation Infant Washroom East
1:25
C-AB02



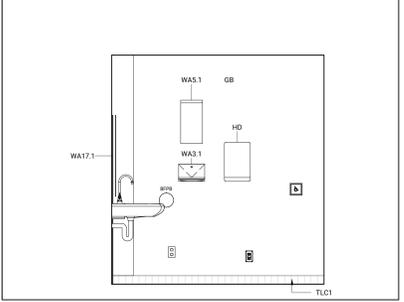
Interior Elevation Infant Washroom North
1:25
C-AB02



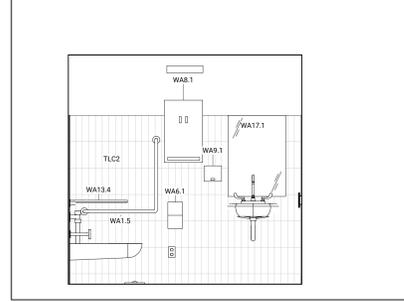
Barrier Free Washroom West
1:25
C-AB02



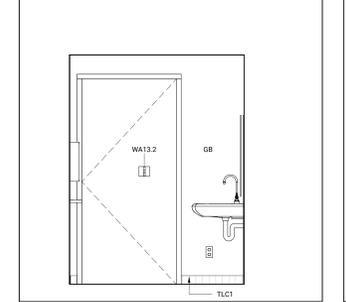
Barrier Free Washroom South
1:25
C-AB02



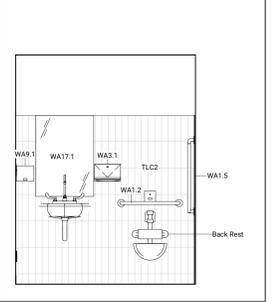
Interior Elevation Barrier Free Washroom East
1:25
C-AB02



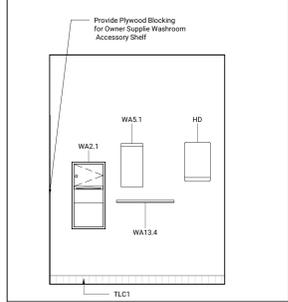
Interior Elevation Barrier Free Washroom North
1:25
C-AB02



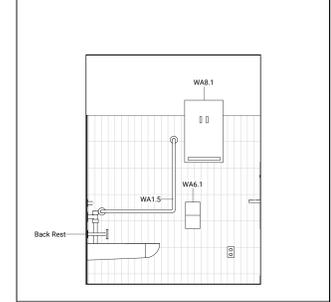
Staff Washroom South
1:25
C-AB02



Staff Washroom West
1:25
C-AB02



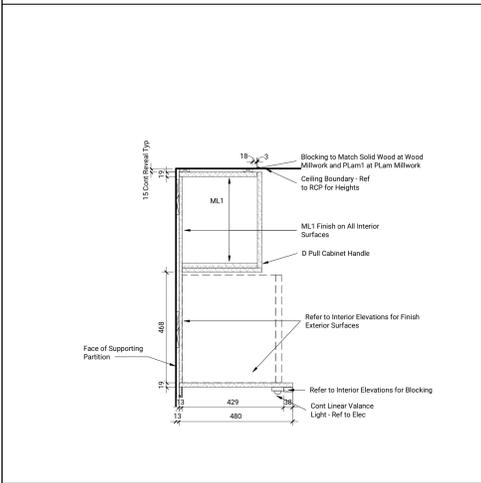
Staff Washroom East
1:25
C-AB02



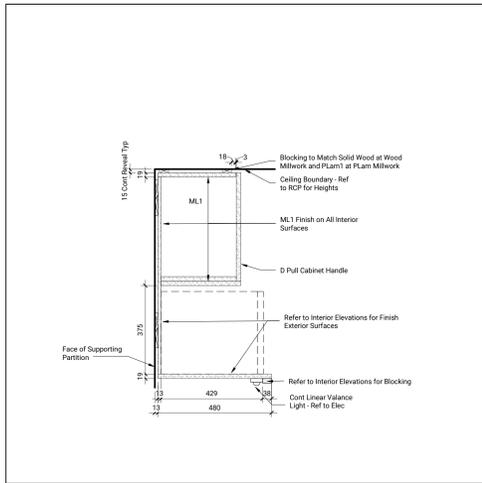
Staff Wash

ISSUED

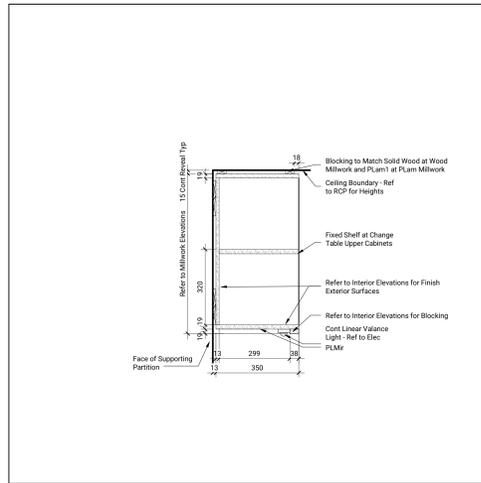
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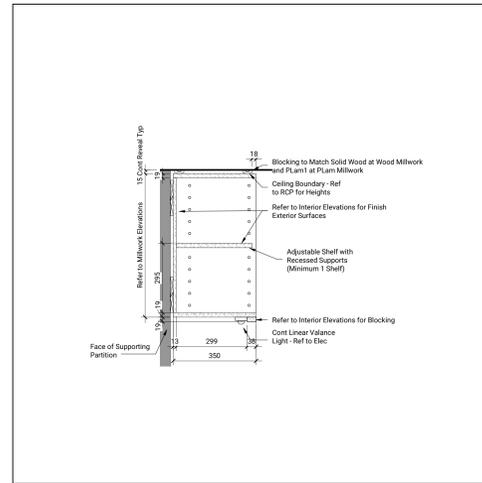
Millwork Section - WD1 Upper Cabinet Ducted Microwave Shelf 1:10 (C-A861)



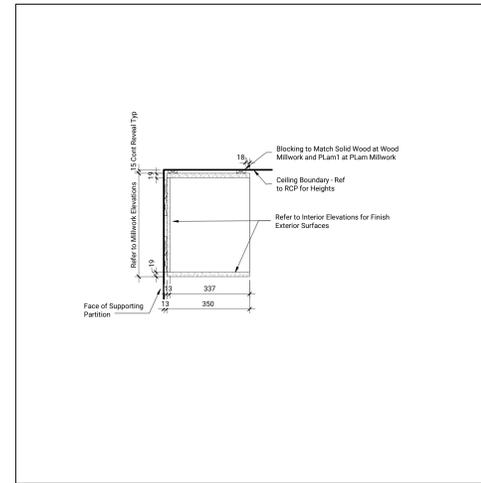
Millwork Section - WD1 Upper Cabinet Microwave Shelf 1:10 (C-A861)



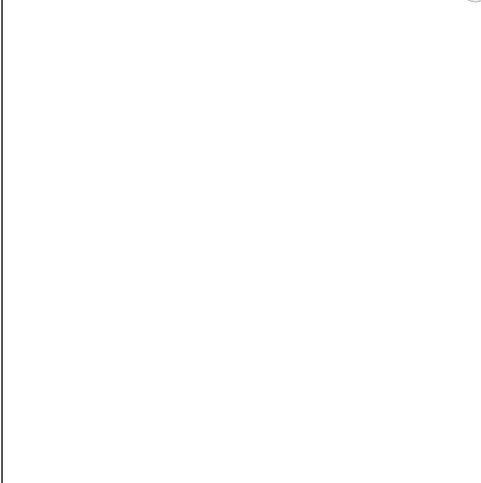
WD1 Upper Cabinet Open Shelf - Toddler & Infant Washroom 1:10 (C-A861)



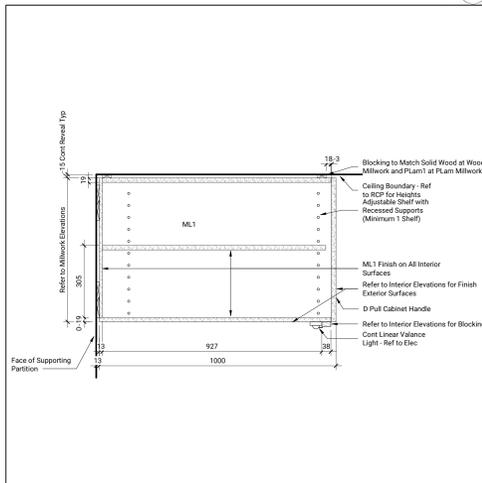
WD1 Upper Cabinet Open Shelf - Preschool Washroom 1:10 (C-A861)



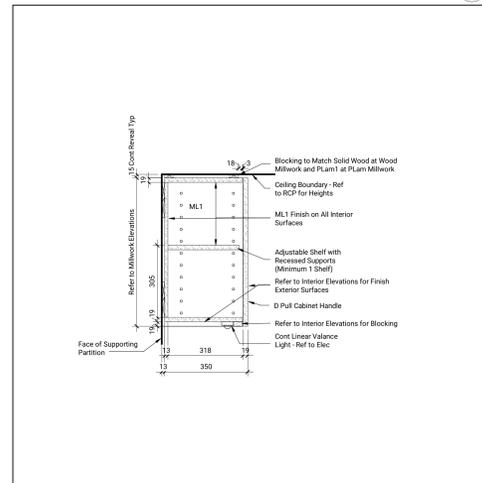
Millwork Section - WD1 Upper Cabinet Open Shelf - Infant Activity Room 1:10 (C-A861)



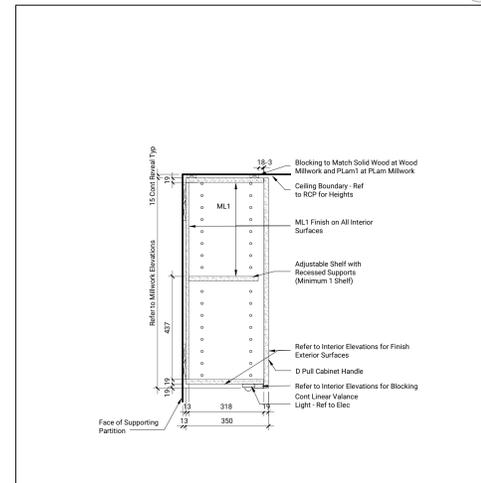
WD1 Upper Cabinet with Door - Vestibule Corridor 1:10 (C-A861)



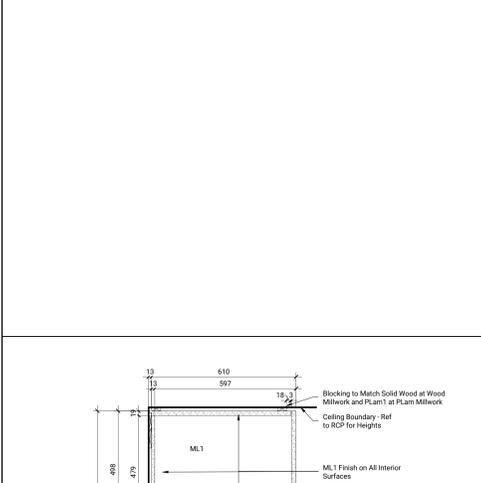
WD1 Upper Cabinet with Door - Staff Room, Toddler & Preschool Room 1:10 (C-A861)



Millwork Section - WD1 Upper Cabinet with Door - Servery 1:10 (C-A861)



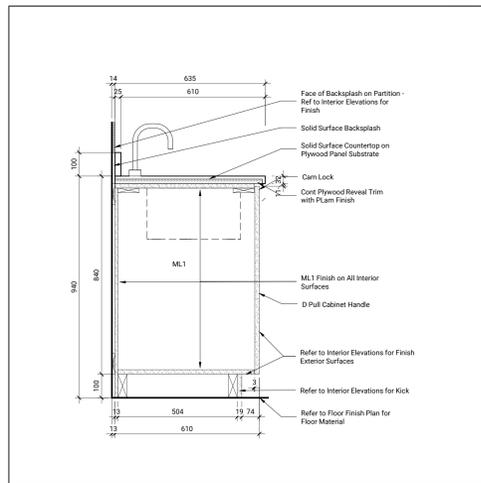
WD1 Upper Cabinet with Door - Child Activity Rooms, Preschool Washroom 1:10 (C-A861)



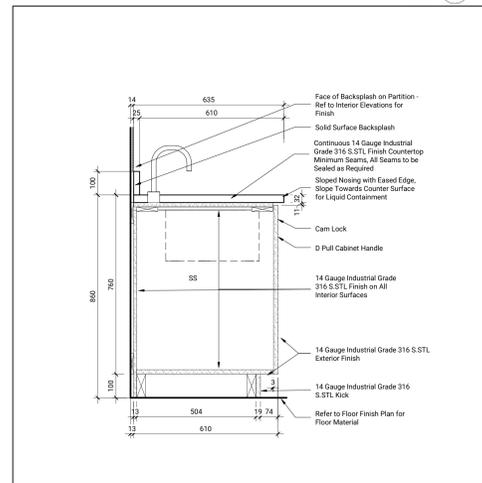
WD1 Full Height Cabinet - Preschool & Toddler Activity Room 1:10 (C-A861)



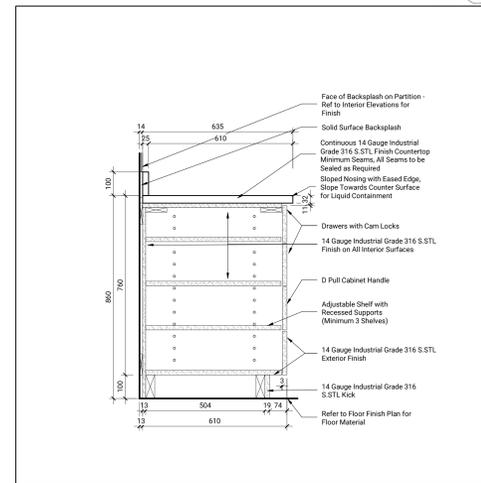
WD1 Lower Cabinet with Drawers - Staff Room, Child Activity Rooms 1:10 (C-A861)



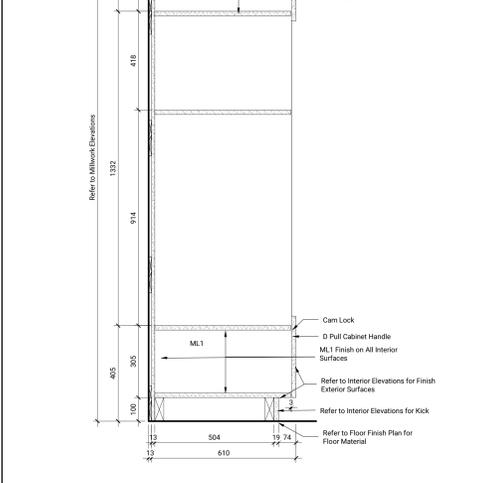
Millwork Section - PLam1 Lower Cabinet with Door - Child Washroom 1:10 (C-A861)



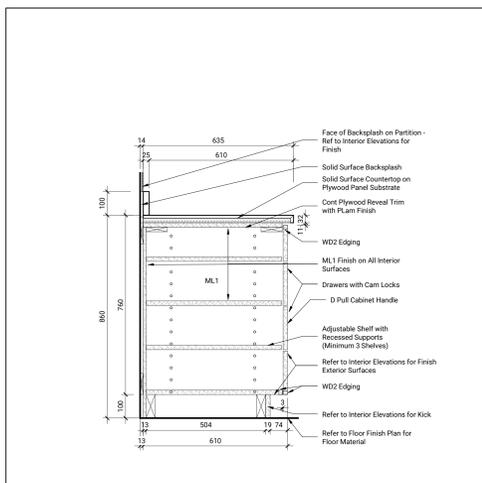
Stainless Steel Lower Cabinet with Door - Servery, Laundry/Toy 1:10 (C-A861)



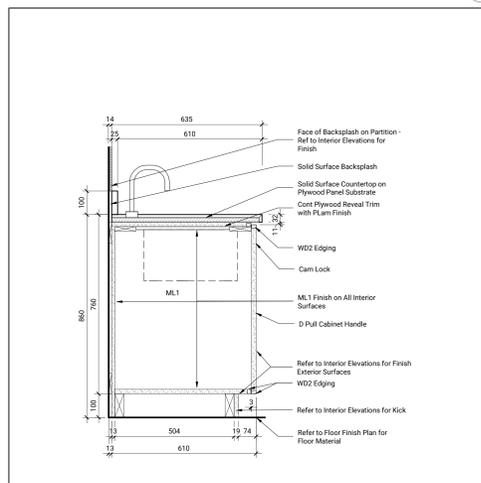
Millwork Section - Stainless Steel Lower Cabinet with Drawers - Servery 1:10 (C-A861)



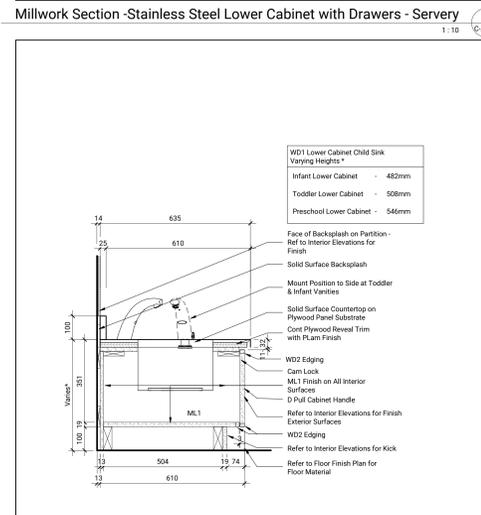
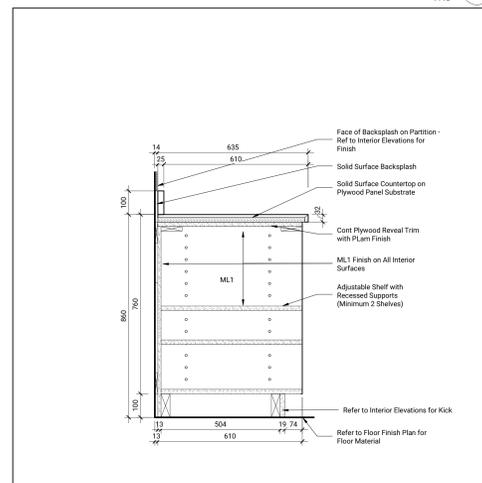
WD1 Lower Cabinet with Door - Staff Room, Child Activity Rooms 1:10 (C-A861)



WD1 Lower Cabinet with Door - Staff Room, Child Activity Rooms 1:10 (C-A861)



Millwork Section - WD1 Open Lower Cabinet - Meeting Room 1:10 (C-A861)



Millwork Section - WD1 Lower Cabinet with Door - Child Sink 1:10 (C-A861)

Contractor Must Check & verify all Dimensions on the Job.

Do Not Scale Drawing.

All Drawings, Specifications and Related Documents are the Copyright Property of the Architect and shall be returned upon Request. Reproduction or Use of any Part of this Drawing without the Written Permission of the Architect is Prohibited.

This Drawing is Not to be Used for Construction Without the Written Permission of the Architect.



55 John Street
Toronto, ON
M5V 3C5
21018-21025

Millwork Details 1:10

C-A861

2024-07-09 10:45:42 AM

NON-STRUCTURAL CONCRETE TOPPING ON CONCRETE SLABS

- 1. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR EXTENT, THICKNESS, AND DETAILS.
2. REINFORCE AS SHOWN ON STRUCTURAL OR ARCHITECTURAL PLANS AND SPECIFICATIONS, EXCEPT MINIMUM REINFORCING TO BE...

TYPICAL MECHANICAL / ELECTRICAL HOUSEKEEPING PAD & FLOATING SLAB

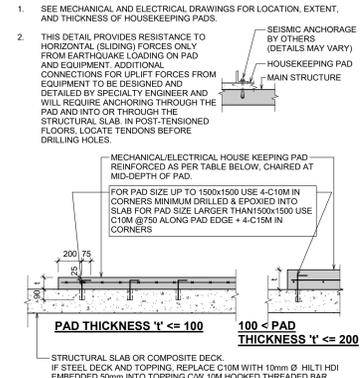
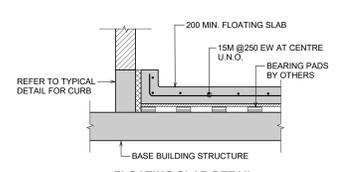


Table with 2 columns: PAD THICKNESS 't' and REINFORCEMENT. Lists reinforcement details for pad thicknesses of 50, 100, 150, and 200 mm.



DEMOLITION OF STRUCTURAL ELEMENTS

- 1. SEE TEMPORARY WORKS NOTES.
2. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND SPECIFICATIONS FORMING THE TENDER PACKAGE.
3. THE DRAWINGS ILLUSTRATE SCHEMATIC APPROACH TO THE TEMPORARY...

CONCRETE REINFORCEMENT

- 1. REINFORCEMENT SHALL CONFORM TO THE FOLLOWING STANDARDS:
A. 10M AND LARGER (U.N.O.) - CSA G30-18 GRADE 400R
B. WELDED WIRE REINFORCEMENT - ASTM A1064M
C. ALL REINFORCING THAT WILL BE WELDED OR IS PART OF THE SEISMIC RESISTING ELEMENTS...

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B. WELDED WIRE REINFORCEMENT - ASTM A1064M
C. ALL REINFORCING THAT WILL BE WELDED OR IS PART OF THE SEISMIC RESISTING ELEMENTS...

NON-STRUCTURAL ELEMENTS

- 1. "NON-STRUCTURAL" OR "SECONDARY STRUCTURAL" ELEMENTS ARE NOT PART OF THE STRUCTURAL DESIGN SHOWN ON THESE DRAWINGS. SUCH ELEMENTS ARE DESIGNED, DETAILED AND REVIEWED IN THE FIELD BY OTHERS...
2. EXAMPLES OF NON-STRUCTURAL ELEMENTS INCLUDE, BUT ARE NOT LIMITED TO:
A. ARCHITECTURAL COMPONENTS SUCH AS GULLEROLS, HANDRAILS, FLAG POSTS, CANOPIES, CEILING MOUNTED, ETC.

RENOVATIONS

- 1. THE CONTRACT DOCUMENTS ARE BASED ON ASSUMED AS-BUILT DIMENSIONS FOR THE EXISTING BUILDING STRUCTURE AND ASSUMPTIONS IN ACCORDANCE WITH DEALING AND LACING PRACTICE...
2. MINOR MODIFICATIONS WILL BE REQUIRED TO THE WORK INDICATED ON THESE DRAWINGS TO REFLECT ACTUAL SITE CONDITIONS.

RENOVATIONS

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2. MINOR MODIFICATIONS WILL BE REQUIRED TO THE WORK INDICATED ON THESE DRAWINGS TO REFLECT ACTUAL SITE CONDITIONS.

DELEGATED DESIGN OF PRIMARY STRUCTURE COMPONENTS

- 1. THE CONTRACTOR SHALL ENGAGE A SPECIALTY ENGINEER FOR THE DESIGN OF REQUIRED STRUCTURAL ELEMENTS AND REQUIREMENTS OF READ JONES CHRISTOFFERSEN LTD. WHERE STRUCTURAL ENGINEERING RESPONSIBILITY IS REQUIRED FOR THESE ELEMENTS...
2. STRUCTURAL COMPONENTS REQUIRING DESIGN COMPLETED BY THE CONTRACTOR'S SPECIALTY ENGINEER INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
A. STRUCTURAL STEEL CONNECTIONS
B. STEEL DECK
C. OPEN WEB STEEL JOISTS AND JOIST DECKS

FIELD REVIEW BY READ JONES CHRISTOFFERSEN (RJC)

- 1. READ JONES CHRISTOFFERSEN PROVIDES FIELD REVIEW ONLY FOR THE WORK SHOWN ON THESE STRUCTURAL DRAWINGS. THIS REVIEW IS NOT A FULL TIME REVIEW BUT IS CONDUCTED WITH SUCH FREQUENCY AS RJC DEEMS APPROPRIATE TO OBSERVE VARIOUS STAGES OF THE WORK...
2. PROVIDE 24 HOURS ADVANCE NOTICE OF EACH REQUIRED FIELD REVIEW. FIELD REVIEWS SHALL BE SCHEDULED TO BE CARRIED OUT DURING NORMAL BUSINESS HOURS UNLESS SPECIAL ARRANGEMENTS ARE MADE WITH RJC.

SHOP DRAWINGS

- 1. AS PART OF OUR CONSTRUCTION PHASE SERVICES, RJC WILL REVIEW SHOP DRAWINGS PERTAINING TO WORK SHOWN ON RJC'S DRAWINGS BY MEANS OF APPROPRIATE NATIONAL SAMPLING PROCEDURES AND COMMENT ON THE ACCURACY WITH WHICH THE CONTRACTOR HAS PREPARED THE DRAWINGS.
2. REVIEW OF SHOP DRAWINGS IS FOR THE SOLE PURPOSE OF ASCERTAINING CONFORMANCE WITH THE GENERAL DESIGN CONCEPT AND IS NOT AN APPROVAL OF THE DETAILED DESIGN INHERENT IN THE SHOP DRAWINGS...

TEMPORARY WORKS

- 1. THE CONTRACTOR SHALL DESIGN, PROVIDE, ERECT, MAINTAIN, REMOVE AND ASSUME FULL AND SOLE RESPONSIBILITY FOR ALL TEMPORARY WORKS REQUIRED FOR THE SAFE AND COMPLETE EXECUTION OF THE WORKS.
2. IN THE EXECUTION OF THE TEMPORARY WORKS AND FOR THE DURATION OF THE CONTRACT, THE CONTRACTOR SHALL MAKE ADEQUATE PROVISION FOR ALL LIKELY CONSTRUCTION LOADING AND PROVIDE SUFFICIENT BRACING AND PROPS TO KEEP THE WORKS IN PLUMB AND ALIGNMENT AND FREE FROM EXCESSIVE DEFLECTION.

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DRAWINGS

- 1. THIS SET OF DRAWINGS SHOWS THE COMPLETED PROJECT. THE DRAWINGS DO NOT SHOW COMPONENTS THAT MAY BE NECESSARY FOR CONSTRUCTION SAFETY. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SAFETY IN CONSTRUCTION, AND THE DESIGN AND ERECTION OF ALL TEMPORARY STRUCTURES, FORMWORK, FALSE WORK, SHORING, ETC. LIMITED TO COMPLETE THE WORK.
2. THE USE OF THESE DRAWINGS IS LIMITED TO THAT IDENTIFIED IN THE REVISIONS COLUMN. DO NOT CONSTRUCT FROM THESE DRAWINGS UNLESS MARKED 'ISSUED FOR CONSTRUCTION' IN THE REVISIONS COLUMN BY READ JONES CHRISTOFFERSEN LTD. THE DRAWINGS SHALL NOT BE USED FOR PRICING, COSTING, OR TENDER UNLESS SO INDICATED IN THE REVISIONS COLUMN. PRICING OR COSTING DRAWINGS ARE NOT COMPLETE AND ANY PRICES BASED ON PRICING OR COSTING DRAWINGS MUST INCLUDE ALLOWANCES FOR THIS WORK.

GENERAL

- 1. SECTION MARK SHOWN THUS [Symbol] MEANS SECTION IN ON DRAWING S-3.
2. SEE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR SLEEVES, NAILERS, INSERTS, ETC., TO BE ENCASED IN CONCRETE.
3. SEE ARCHITECTURAL DRAWINGS FOR FLOOR AND ROOF CONCRETE, RECESSES, DRAINAGE SLOPES, ETC.
4. THE GENERAL CONTRACTOR SHALL REVIEW ALL THE DRAWINGS AND CHECK DIMENSIONS BEFORE CONSTRUCTION. REPORT DISCREPANCIES BETWEEN STRUCTURAL AND OTHER DISCIPLINES DRAWINGS FOR CLARIFICATION.
5. CONCRETE WORK SHALL CONFORM TO CSA A23.1, CSA A23.2, CSA A23.3 AND REFERENCED DOCUMENTS.

ABBREVIATIONS

Table with 2 columns: Abbreviation and Full Name. Lists various abbreviations used in the drawings, such as ACCOM - ACCOMMODATE, AESS - ARCHITECTURALLY EXPOSED, ALUM - ALUMINUM, ANCH - ANCHOR ROD, etc.

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DESIGN CODE

- 1. THE COMPLETED BASE BUILDING STRUCTURE SHOWN ON THE STRUCTURAL DRAWINGS HAS BEEN DESIGNED IN SUBSTANTIAL ACCORDANCE WITH THE NATIONAL BUILDING CODE - 2019 ALBERTA EDITION (BRITISH COLUMBIA BUILDING CODE 2018) (BRITISH COLUMBIA BUILDING CODE 2012) OR REG 88(19)(CITY OF VANCOUVER BUILDING BY-LAW #1251) (2019) WHICH IS BASED ON THE NATIONAL BUILDING CODE OF CANADA 015.

Drawing Notes section containing 3 numbered notes regarding drawing usage, design codes, and liability. Includes the Toronto logo and Metro Hall Fire Station & Early Years Child Care Centre Renovation title.

POST-INSTALLED ADHESIVE AND MECHANICAL ANCHORS

1.0 PRODUCTS
1.1 MECHANICAL ANCHORS AND SCREW ANCHORS TO MEET THE ASSESSMENT CRITERIA OF ACI 308.2
1.2 ADHESIVE ANCHORS TO MEET THE ASSESSMENT CRITERIA OF ACI 308.2

2.0 INSTALLATION
2.1 INSTALL ANCHORS PER THE MANUFACTURER'S INSTRUCTIONS, INCLUDING IN THE ANCHOR PACKAGING
2.2 ADHESIVE OR MECHANICAL ANCHOR CAPACITY IS DEPENDANT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE

3.0 ON-SITE TRAINING AND CERTIFICATION
3.1 THE CONTRACTOR SHALL RETAIN AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ON-SITE INSTALLATION TRAINING FOR ALL OF THE ANCHORING PRODUCTS SPECIFIED

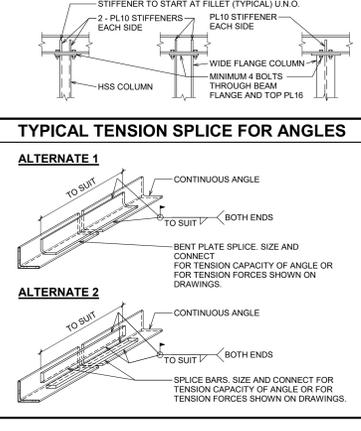
4.0 REVIEW AND TESTING OF ANCHORS
4.1 INSTALLATION OF ADHESIVE ANCHORS HORIZONTALLY OR UPWARDLY INCLINED TO SUPPORT SUSTAINED TENSION LOADS SHALL BE CONTINUOUSLY INSPECTED DURING INSTALLATION

STRUCTURAL STEEL - FABRICATION AND DETAILING

1. FABRICATION, ERECTION, STRUCTURAL DESIGN, AND DETAILING OF ALL STEEL SHALL BE IN ACCORDANCE WITH CSA S16
2. PRIOR TO SUBMITTING SHOP DRAWINGS THE CONTRACTOR SHALL STAY R/C IN WRITING THAT THE FABRICATOR IS CERTIFIED TO A MINIMUM OF DIVISION 2 OF CSA W47.1

3. SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO START OF STEEL FABRICATION, ALSO REFERS TO "SHOP DRAWINGS" NOTE IN THE GENERAL NOTES SECTION OF THE STRUCTURAL DRAWINGS
4. FILLET WELDS SHALL BE 6mm MINIMUM UNLESS NOTED OTHERWISE

5. BOLTS SHALL BE 3/4" MINIMUM A325 UNLESS NOTED OTHERWISE
6. BOLTED CONNECTIONS SHALL HAVE A MINIMUM OF TWO BOLTS IN EACH CONNECTED PIECE AND BE DESIGNED AS BEARING CONNECTIONS U.N.O.



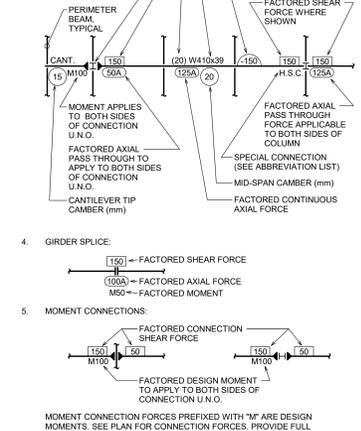
7. UNLESS NOTED OTHERWISE, ALL ABANDONED HOLES IN CONCRETE SHALL BE FILLED WITH NON-SHRINK GROUT OR EPOXY GROUT SHALL BE PLACED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS AND PACKAGING

STRUCTURAL STEEL - GENERAL

1. STRUCTURAL STEEL SECTIONS SHALL BE NEW AND CONFORM TO THE FOLLOWING U.N.O.:
A. W AND WT SHAPES - CSA G40.21 GRADE 345W/100 ASTM A992
B. C, I, M, MC, MT, S, AND - CSA G40.21 CSA G40.21 350W, ST SHAPES - ASTM A992 OR

2. USE OF STRUCTURAL STEEL SHEETS, PLATE OR BARS WITH HIGHER GRADE THAN NOTED ABOVE SUBJECT TO APPROVAL BY RJC
3. ALL ASTM F1554 ANCHOR RODS SHALL HAVE SHOP-APPLIED COLOUR MARKING TO FACILITATE IDENTIFICATION OF GRADE IN FIELD: GRADE 35: BLUE; GRADE 36: YELLOW; GRADE 100: RED

4. DESIGN FORCES INDICATED ON DRAWINGS FOR STRUCTURAL STEEL WORK ARE FACTORED FORCES UNLESS NOTED OTHERWISE
5. DESIGN FORCES INDICATED ON DRAWINGS FOR STRUCTURAL STEEL WORK ARE FACTORED FORCES UNLESS NOTED OTHERWISE



6. BEAM CANTILEVERING OVER COLUMN: BEAM DESIGNATION, NUMBER OF SHEAR STUDS, TOP OF BEAM ELEVATION RELATIVE TO DATUM

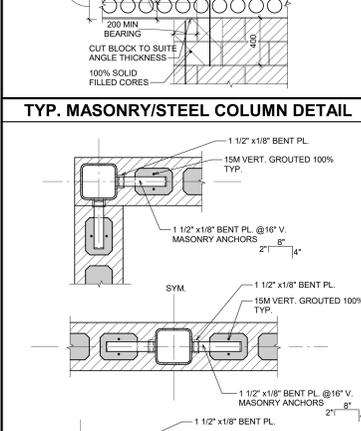
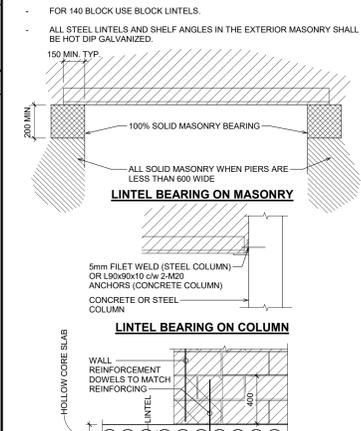
LINTELS (NON-LOAD BEARING WALLS)

OVER ALL OPENINGS IN MASONRY WALLS PROVIDE THE FOLLOWING LINTELS, UNLESS OTHERWISE SHOWN
BLOCK WYTHES

Table with columns: CLEAR SPAN, WALL THICKNESS, DEPTH, REINFORCING (TOP AND BOTTOM). Rows for 140 WALL, 190 WALL, 240 WALL, 290 WALL.

Table with columns: CLEAR SPAN, WALL THICKNESS, DEPTH, REINFORCING (TOP AND BOTTOM). Rows for 1201 TO 1800, 1801 TO 2400, 2401 TO 3000.

BRICK WYTHES
FOR EACH 100mm WIDTH OF WALL
CLEAR SPAN (mm) SIZE
UP TO 1200 L 89 x 89 x 7.9

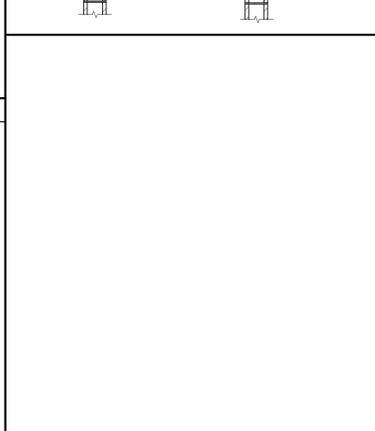
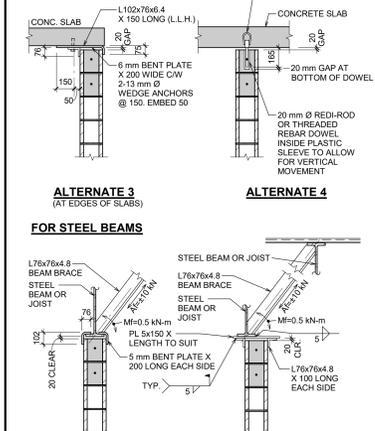


6. BEAM CANTILEVERING OVER COLUMN: BEAM DESIGNATION, NUMBER OF SHEAR STUDS, TOP OF BEAM ELEVATION RELATIVE TO DATUM

NON-LOAD BEARING MASONRY DELEGATED DESIGN

1. UNLESS NOTED OTHERWISE ALL NON-LOAD BEARING MASONRY TO BE DESIGNED BY SPECIALTY ENGINEER IN ACCORDANCE WITH THE SPECIFICATIONS
2. THE FOLLOWING NOTES FOR NON-LOAD BEARING MASONRY ARE PROVIDED FOR INITIAL PRICE ESTIMATING PURPOSES AND AS AN OUTLINE SPECIFICATION FOR THE MASONRY PACKAGE

3. UNDER AWARD OF THE MASONRY CONTRACT THE SUCCESSFUL CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR THE ENGINEERING DESIGN OF THE NON-LOAD BEARING MASONRY AS DEFINED ON THE ARCHITECTURAL DRAWINGS AND SHALL ALSO COORDINATE THE DESIGN OF THE MASONRY WITH MECHANICAL AND ELECTRICAL TRADES FOR WALL OPENINGS



7. FILL REVIEW OF NON-LOAD BEARING MASONRY IS NOT PART OF RJC'S SCOPE AS REVIEWER OF THE PRIMARY STRUCTURAL SYSTEM

MASONRY NOTES

1. ALL MASONRY WORK SHALL CONFORM TO CANCSA S304.1 AND ITS REFERENCED DOCUMENTS, INCLUDING BUT NOT LIMITED TO:
A. CONCRETE BLOCK TO CANCSA-A165.1 TYPE #15/M UNLESS NOTED OTHERWISE (BASED ON NET AREA)

2. THE MASONRY CONTRACTOR SHALL BE A MEMBER OF THE CANADIAN MASONRY CONTRACTORS ASSOCIATION
3. NO MASONRY CONSTRUCTION SHALL BE PERMITTED WITHOUT THE CONTRACTOR ENSURING ALL NECESSARY PROTECTION AND CONSTRUCTION METHODS ARE READILY IMPLEMENTED IN ACCORDANCE WITH CANCSA A371 PRIOR TO TEMPERATURES AND WEATHER CONDITIONS REACHING THE PROPOSED CONSTRUCTION

4. ALL MORTAR JOINTS IN SUBSTITUTED BLOCK WORK SHALL BE TOoled ADJUNCT TO GRAVITY STRUCTURE SHALL BE DESIGNED AND CONSTRUCTED TO ALLOW FOR THE FOLLOWING DEFLECTIONS:
i. FLOOR FRAMING - L200 OR 25mm (MIN)
ii. ROOF FRAMING - L100 OR 25mm (MIN)

MASONRY - INSPECTION & TESTING
1. 24 HOURS PRIOR TO POURING CONCRETE OR GROUT THE CONTRACTOR SHALL CONTACT RJC TO REQUEST A FIELD REVIEW

LOAD BEARING MASONRY - LOW SEISMIC (If F_s0.2) < 0.35
1. NON-LOAD BEARING MASONRY WALLS ARE THOSE THAT DO NOT SUPPORT FLOORS OR ROOF STRUCTURE, BE THEY INTERIOR OR EXTERIOR WALLS

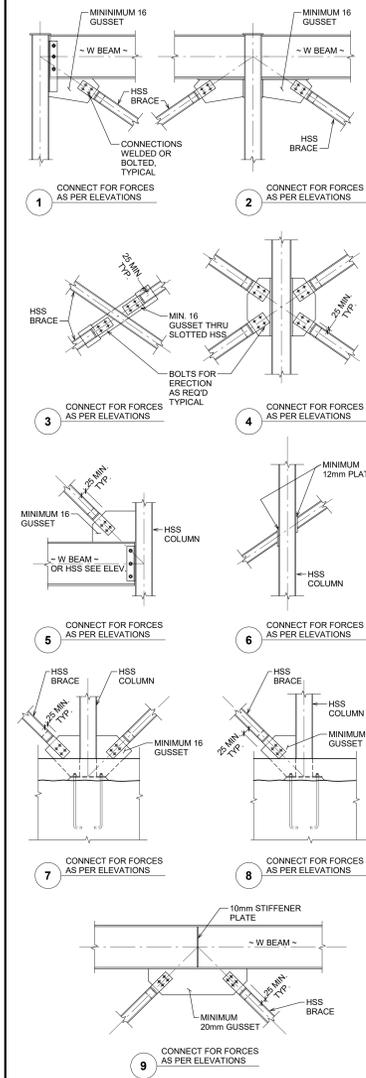
No. Date Description table with 3 columns and 5 rows of revision data.

1. ALL DRAWINGS, PLANS, MODELS, DESIGN, SPECIFICATIONS AND OTHER DOCUMENTATION PREPARED BY READ JONES CHRISTOFFERSEN LTD. ("RJC") AND USED IN CONNECTION WITH THIS PROJECT ARE THE PROPERTY OF RJC

2. THESE DRAWINGS ARE "DESIGN DRAWINGS" ONLY. THEY MAY NOT BE USED FOR CONSTRUCTION WITHOUT THE CONTRACTOR'S WRITTEN PERMISSION

3. USE OF THESE DRAWINGS IS LIMITED TO THAT IDENTIFIED IN THE ISSUED/REVISION COLUMN. DO NOT CONSTRUCT FROM THESE DRAWINGS UNLESS YOU ARE THE CONTRACTOR FOR THE PROJECT

TYPICAL BRACE CONNECTION DETAILS (LOADS FOR CONNECTION DESIGN TO BE SHOWN ON ELEVATION TYPICAL)



TESTING OF POST-INSTALLED ADHESIVE AND MECHANICAL ANCHORS

- THE OWNER SHALL RETAIN AN INDEPENDENT TESTING AGENCY TO PROVIDE AN ONGOING SERVICE OF ON-SITE QUALITY CONTROL, REVIEWS TO ENSURE THAT ANCHORS ARE BEING INSTALLED IN ACCORDANCE TO THE ANCHOR MANUFACTURER'S SPECIFICATIONS.
- THE INDEPENDENT TESTING AGENCY FIELD PERSONNEL COMPLETING REVIEWS OF ANCHOR INSTALLATION AND PERFORMING ANCHOR TESTING SHALL BE QUALIFIED FOR THAT WORK AND TRAINED BY THE MANUFACTURER'S REPRESENTATIVE IN THE INSTALLATION AND REVIEW REQUIREMENTS OF ALL ANCHOR SYSTEMS USED ON THE PROJECT INCLUDING SPECIALIZED TRAINING FOR HORIZONTAL OR UPWARDLY INCLINED ADHESIVE ANCHORS.
- THE INDEPENDENT TESTING AGENCY FIELD PERSONNEL COMPLETING REVIEWS OF ANCHOR INSTALLATION AND PERFORMING ANCHOR TESTING HAVE CURRENT CERTIFICATION (WITHIN PAST 5 YEARS) IN ACCORDANCE WITH THE ADHESIVE ANCHOR INSTALLATION CERTIFICATE PROGRAM OR EQUIVALENT. AIC/SRI CERTIFICATION DOCUMENTS SHALL BE SUBMITTED FOR REVIEW A MINIMUM OF 72 HOURS BEFORE THE PERSONNEL FROM THE INDEPENDENT TESTING AGENCY COMPLETES ANY TESTING OR OBSERVATIONS ON THE PROJECT.
- ANCHORS NOTED FOR "CONTINUOUS SPECIAL INSPECTION" OR "PERIODIC SPECIAL INSPECTION" ARE TO BE INSPECTED BY THE INDEPENDENT TESTING AGENCY IN ACCORDANCE WITH THE TERMINOLOGY IN ACI 308.4.
- PERIODIC SPECIAL INSPECTIONS SHALL BE PROVIDED FOR ALL ANCHORS UNLESS NOTED OTHERWISE.
- THE INDEPENDENT TESTING AGENCY FIELD PERSONNEL WILL PROVIDE CONTINUOUS SPECIAL INSPECTION FOR INSTALLATION OF ALL ADHESIVE ANCHORS HORIZONTALLY OR UPWARDLY INCLINED TO SUPPORT SUSTAINED TENSION LOADS AS PER THE REQUIREMENTS DEFINED IN THE POST-INSTALLED ADHESIVE AND MECHANICAL ANCHOR NOTES AND IN THE SPECIFICATIONS.
- MARKINGS ON EXPOSED PORTIONS OF ANCHORS BY THE MANUFACTURER DESIGNATE ANCHOR TYPE, MATERIAL GRADE, LENGTH, ETC. CUTTING OFF THESE MARKINGS PRIOR TO REVIEW FOR CONFORMANCE WITH THE STRUCTURAL DRAWINGS BY THE INDEPENDENT TESTING AGENCY SHALL RESULT IN REJECTION OF THE ANCHORS AND REPLACEMENT AT THE CONTRACTOR'S COST.
- ALL UNMARKED THREADED ROD SHALL BE REJECTED AND REPLACED AT THE CONTRACTOR'S COST.
- QUALITY ASSURANCE REPORTS FROM THE INDEPENDENT TESTING AGENCY ARE TO BE SUBMITTED TO RJC AFTER EACH VISIT.
- A REPRESENTATIVE SAMPLE OF ANCHORS ARE TO BE TESTED FOR EACH TYPE AND SIZE OF ANCHOR SPECIFIED. ANCHORS WHICH FAIL THE LOAD TEST SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S COST.
- THE FOLLOWING TESTING BY THE INDEPENDENT TESTING AGENCY IS PAID FOR BY THE OWNER:
 - RANDOMLY SELECT 10% OF MECHANICAL ANCHORS AND 10% OF SCREW ANCHORS (2 MINIMUM PER CONNECTION) TO VERIFY INSTALLATION TORQUE MEETS MANUFACTURER'S INSTALLATION CRITERIA.
 - PROOF LOAD TEST 10% OF ADHESIVE ANCHORS OR AS INDICATED IN THE DRAWINGS OR AS IDENTIFIED BY THE STRUCTURAL ENGINEER OF RECORD. PROOF LOAD TEST 100% OF ALL ADHESIVE ANCHORS INSTALLED INTO CONCRETE WITH TEMPERATURE BELOW 10 °C AT TIME OF INSTALLATION.
 - RANDOMLY SELECT 2% OF ADHESIVE ANCHORS (MINIMUM) FOR TESTING TO FAILURE. CONTRACTOR TO REPLACE ANCHORS AT CONTRACTOR'S COST.
 - PROOF LOAD TEST POST-INSTALLED REBAR AS INDICATED IN THE DRAWINGS OR IDENTIFIED BY THE STRUCTURAL ENGINEER OF RECORD.
- THE FOLLOWING TESTING AND FIELD REVIEW BY THE INDEPENDENT TESTING AGENCY IS PAID FOR BY THE CONTRACTOR:
 - IF ANY MECHANICAL ANCHORS IN A CONNECTION FAILS TEST OF INSTALLATION TORQUE. VERIFY INSTALLATION TORQUE OF ALL ANCHORS IN THE SAME CONNECTION AND OTHER ANCHORS AS DIRECTED BY THE INDEPENDENT TESTING AGENCY OR ENGINEER OF RECORD.
 - IF ANY PROOF LOAD TEST FAILS. TEST 100% OF ANCHORS OF SIMILAR TYPE AND INSTALLATION CONDITION AND OTHER ANCHORS AS DIRECTED BY THE INDEPENDENT TESTING AGENCY OR ENGINEER OF RECORD.
 - IF ANY ANCHORS ARE FOUND TO BE INSTALLED WITHOUT COMPLETE ADHESIVE OR ARE EMBEDDED LESS THAN 90% OF THE DEPTH SHOWN ON THE DRAWINGS. THEN PROOF LOAD TEST 100% OF THE ANCHORS.
 - PROVIDE FULL TIME FIELD REVIEW OF ALL REPAIRS.
- UNLESS NOTED OTHERWISE, ALL PROOF LOADING SHALL BE PERFORMED TO INDIVIDUAL ANCHORS WITH THE FOLLOWING TECHNIQUES:
 - ADHESIVE ANCHORS OR MECHANICAL ANCHORS INSTALLED IN CONCRETE. PERFORM PROOF LOADING AS CONFIRMED TENSION TESTS USING A CALIBRATED CENTERHOLE HYDRAULIC CYLINDER AND A RIGID STEEL THRU-HOLE REACTION PLATE BEARING ON THE CONCRETE IN CLOSE PROXIMITY ALL AROUND THE ANCHOR. WHERE PROOF TEST IS NOTED ON DRAWINGS AS TORQUE VALUE, PERFORM PROOF LOADING USING A CALIBRATED TORQUE WRENCH.
 - ADHESIVE OR MECHANICAL ANCHORS INSTALLED IN GROUTED OR UNSROUTED MASONRY. PERFORM PROOF LOADING AS UNCONFINED TENSION TESTS USING A CALIBRATED CENTERHOLE HYDRAULIC CYLINDER AND REACTION AGAINST MASONRY LOCATED AWAY FROM THE MASONRY UNIT TESTED AND BEYOND ANY RESULTING FAILURE SURFACE. WHERE PROOF TEST IS NOTED ON DRAWINGS AS TORQUE VALUE, PERFORM PROOF LOADING USING A CALIBRATED TORQUE WRENCH.
 - SCREW ANCHORS INSTALLED IN CONCRETE OR MASONRY. PERFORM PROOF LOADING USING A CALIBRATED TORQUE WRENCH.
- TESTING AGENCY TO SUBMIT TRACEABLE CALIBRATION DATA FOR THE HYDRAULIC CYLINDER AND TORQUE WRENCH WITH THE TESTING REPORT. CALIBRATION DATA SHALL NOT BE OLDER THAN 12 MONTHS.
- PROOF LOAD LEVEL SHALL BE AS INDICATED ON SCHEDULE DRAWINGS OR AS INDICATED ON THE PLANS AND DETAILS.
- MAINTAIN THE PROOF LOAD FOR A MINIMUM OF 60 SECONDS.
- MAXIMUM ANCHOR DISPLACEMENT AFTER THE SUSTAINED PROOF LOAD SHALL BE 0.5% OF THE EMBEDMENT DEPTH AND MAXIMUM DECREASE IN MEASURED LOAD SHALL BE 2% UNLESS NOTED OTHERWISE.
- THE INDEPENDENT TESTING AGENCY IS TO PROVIDE A TESTING AND REPAIR REPORT SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OR TERRITORY WHERE THE WORK IS DONE.
- THE TEST REPORT SHALL BE SUBMITTED FOR REVIEW BY RJC NO LATER THAN 12 HOURS AFTER THE TESTING IS COMPLETED.
- THE TEST REPORT SHALL DETAIL ALL OBSERVATIONS AND RESULTS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
 - LOCATION OF TESTING WITHIN THE PROJECT AND SUITABLE DIAGRAM, ANNOTATED PHOTOGRAPH OR OTHER NOTATION CLEARLY IDENTIFYING WHICH ANCHORS AT A PARTICULAR LOCATION WERE TESTED.
 - DATE OF INSTALLATION AND DATE OF TESTING OF ANCHORS. TIME IS ALSO TO BE INDICATED WHERE THE INSTALLATION AND TESTING TIMES ARE LESS THAN 48 HOURS APART.
 - EMBEDMENT DEPTH, MANUFACTURER'S MARKINGS OF TESTED ANCHORS AND ADHESIVE PRODUCT UTILIZED. THE METHOD USED TO VERIFY EMBEDMENT DEPTH AND OTHER PROPERTIES SHALL BE DOCUMENTED.
 - TEST PROCEDURE UTILIZED FOR EACH ANCHOR.
 - TEST LOADS APPLIED, DURATION OF SUSTAINED LOAD FOR EACH ANCHOR AND NUMBER OF LOADING CYCLES WHERE APPLICABLE.
 - ANY OTHER RELEVANT OBSERVATIONS BY THE TESTING ENGINEER REGARDING IMPROPER INSTALLATION PROCEDURES OR POOR INSTALLATION QUALITY THAT WOULD HAVE A MEANINGFUL IMPACT ON THE IN-SERVICE PERFORMANCE OF THE ANCHORS.

No.	Date	Description	ISSUED
1	2023-03-17	ISSUED FOR 5% DESIGN REVIEW	
2	2023-07-17	ISSUED FOR 5% DESIGN REVIEW	
3	2023-08-23	ISSUED FOR APPROVAL	
4	2024-01-26	ISSUED FOR TENDER	
5	2024-02-01	ISSUED FOR 10% DESIGN REVIEW	

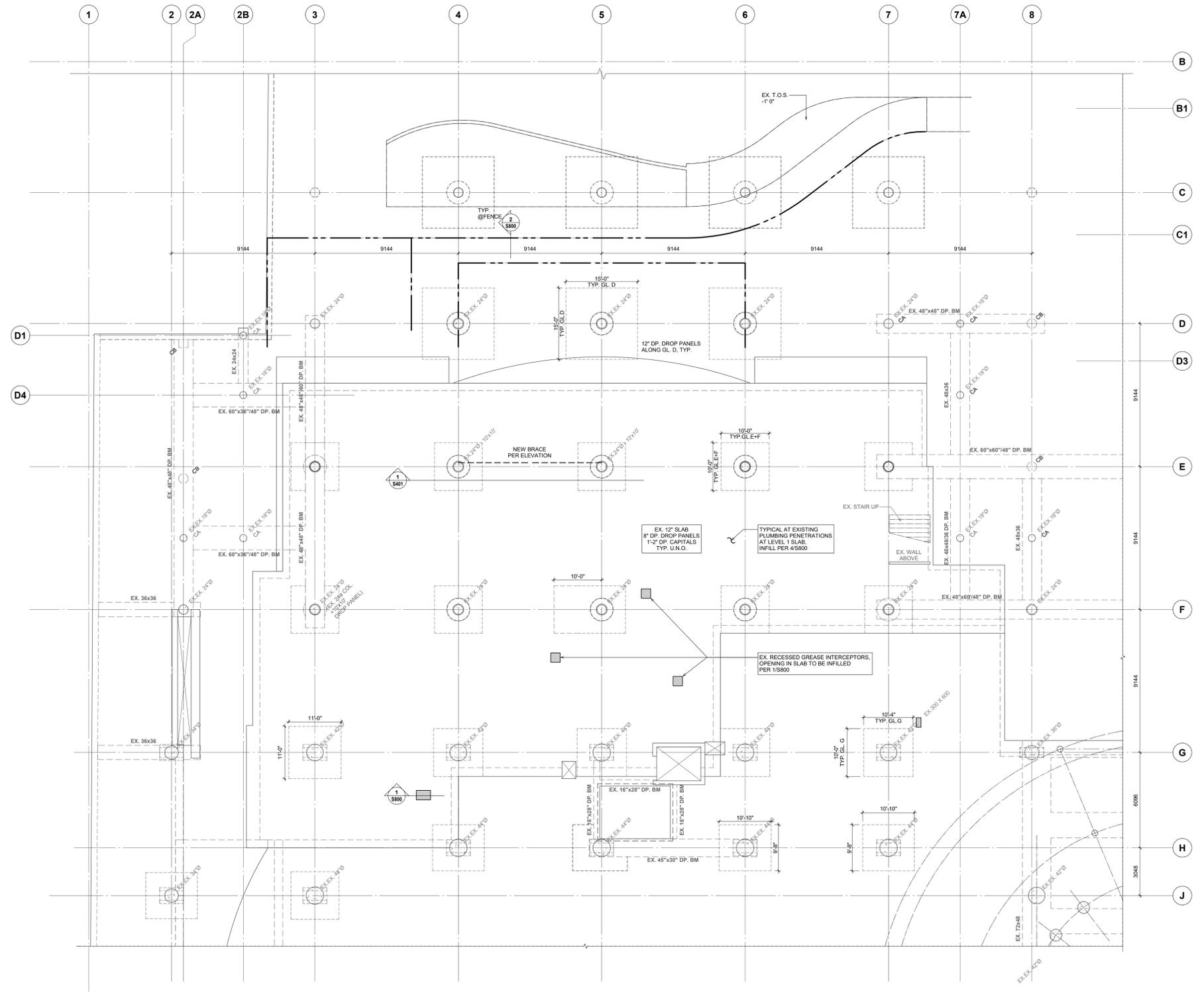
FIRE RATING FOR STRUCTURAL STEEL

- TO DETERMINE THE FIRE RATING BASED ON ULC RATINGS, THE STEEL STRUCTURE IS CONSIDERED RESTRAINED.
- THE STRUCTURE IS DESIGNED AS NON-LOAD RESTRICTED. THE ULC FIRE RATED ASSEMBLIES MUST BE CHOSEN AS NON-LOAD RESTRICTED.

Drawing Notes

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No.	Date	Description
1	2022-09-23	ISSUED FOR CLASS O COSTING
2	2023-03-17	ISSUED FOR 75% DESIGN REVIEW
3	2023-07-17	ISSUED FOR 95% DESIGN REVIEW
4	2023-08-23	ISSUED FOR APPROVAL
5	2024-01-26	ISSUED FOR TENDER
6	2024-02-01	ISSUED FOR 100% DESIGN REVIEW



Ground - NORTH
1:100

NOTES:

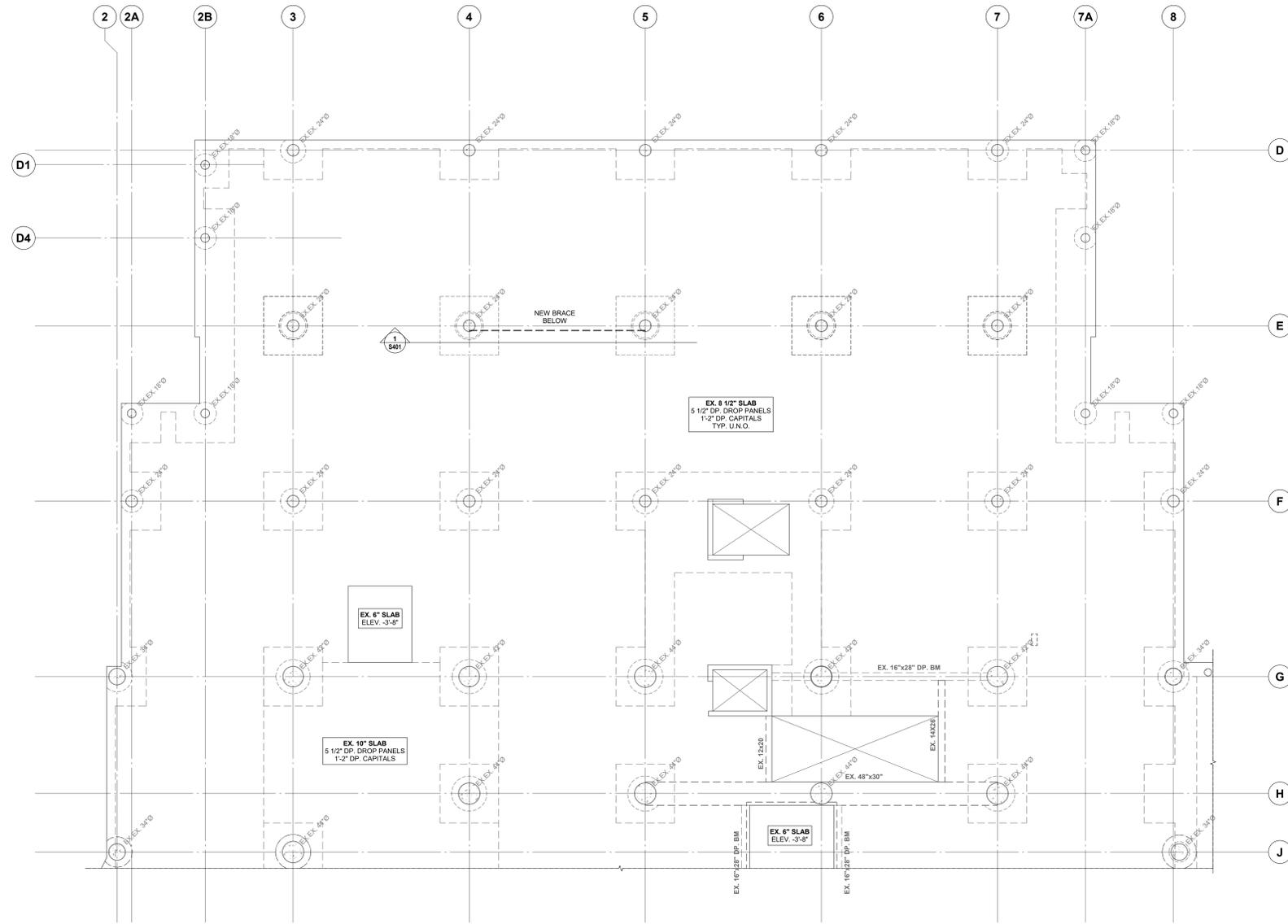
- EXISTING STRUCTURE DESIGN LIVE LOADS ARE:
 - EXTERIOR AREAS & LOADING DOCK 250 psf
 - INTERIOR AREAS 100 psf
 - OR OTHERWISE CROSSED AND NOTED ON PLAN.
- EXISTING STRUCTURE DESIGN DEAD LOADS ARE:
 - INTERIOR AREAS
 - PARTITIONS 20 psf
 - EXISTING STRUCTURE EXTERIOR AREAS
 - 2"Ø SOIL COVER
- CONTRACTOR TO PROVIDE CORING PENETRATION LAYOUT PLAN AND REBAR SCANS FOR RJC REVIEW PRIOR TO ANY CORING. NO CORES PERMITTED WITHIN DROPS/CAPITALS/BEAMS/STEP BEAMS.

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2024-03-26 10:57:05 AM

No.	Date	Description
1	2022-09-23	ISSUED FOR CLASS O COSTING
2	2023-07-17	ISSUED FOR 90% DESIGN REVIEW
3	2023-08-23	ISSUED FOR APPROVAL
4	2024-01-26	ISSUED FOR TENDER
5	2024-02-01	ISSUED FOR 100% DESIGN REVIEW



Level 2 - NORTH
1:100

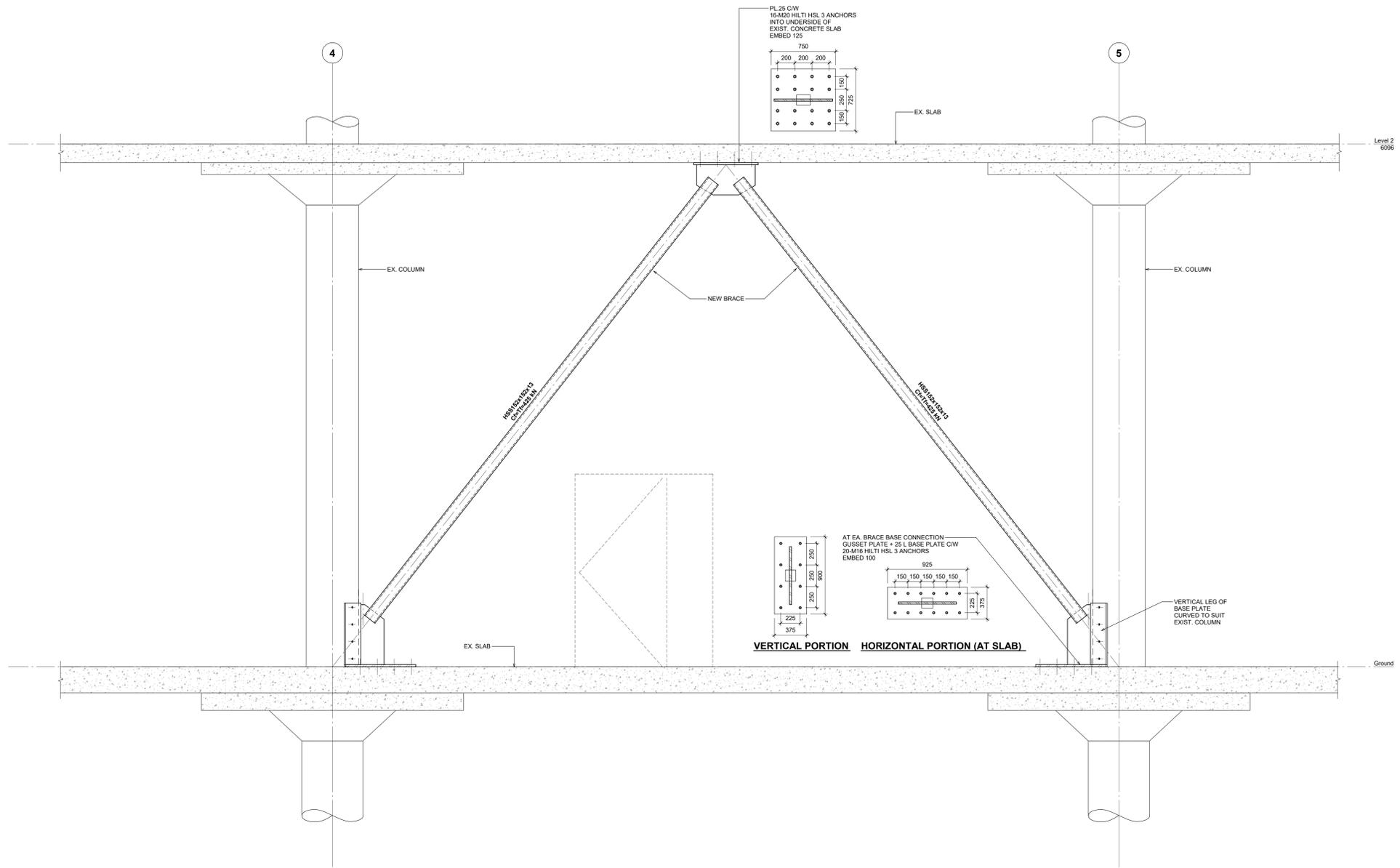
NOTES:
1. EXISTING STRUCTURE DESIGN LIVE LOADS ARE:
• 100 psf
2. EXISTING STRUCTURE DESIGN DEAD LOADS ARE:
• PARTITIONS 20 psf
3. CONTRACTOR TO PROVIDE CORING PENETRATION LAYOUT PLAN AND REBAR SCANS FOR RJC REVIEW PRIOR TO ANY CORING. NO CORES PERMITTED WITHIN DRCS/CAPITALS/BEAMS/STEP BEAMS.

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- Use of these drawings is limited to that identified in the Issues/Revision column. Do not construct from these drawings unless marked "Issued for Construction" by RJC in the Issues/Revision column, and then only for the parts noted. The drawings shall not be used for "Printing", "Posting", or "Bidding" unless so indicated in the Issues/Revisions column. "Printing" or "Posting" drawings are not complete and any prices based on such drawings must allow for this.



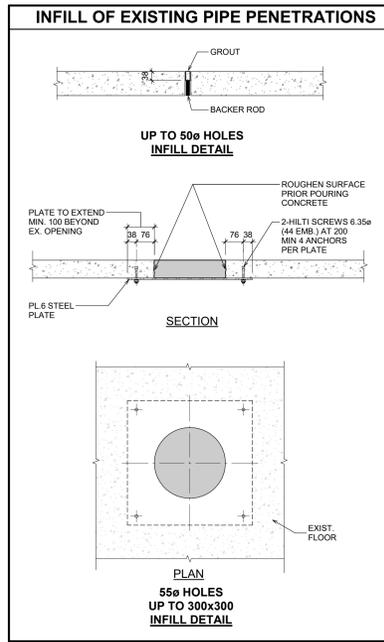
No.	Date	Description	ISSUED
1	2022-09-23	ISSUED FOR CLASS O COSTING	
2	2023-07-17	ISSUED FOR 95% DESIGN REVIEW	
3	2023-08-23	ISSUED FOR APPROVAL	
4	2024-01-26	ISSUED FOR TENDER	
5	2024-02-01	ISSUED FOR 100% DESIGN REVIEW	



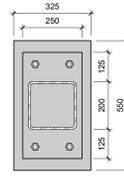
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S401 1:20

Drawing Notes

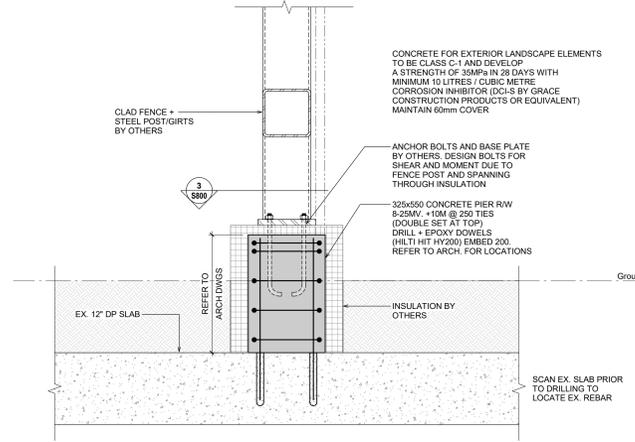
- All drawings, plans, models, design, specifications and other documents prepared by Read Jones Christoffersen Ltd. ("RJC") and used in connection with this project are instruments of service for the work shown in them ("Work") and as such are and remain the property of RJC whether the Work is executed, not, and RJC reserves the copyright in them and in the Work excluded from them, and they shall not be used for any other work or project.
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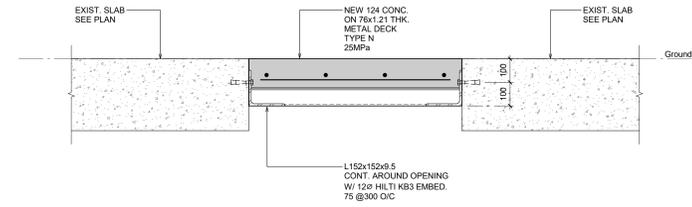
4 INFILL DETAILS
S800 1:10



3 POST BASE DETAIL AT PLAYGROUND FENCE
S800 1:10



2 PIER DETAIL AT OUTDOOR FENCE
S800 1:10



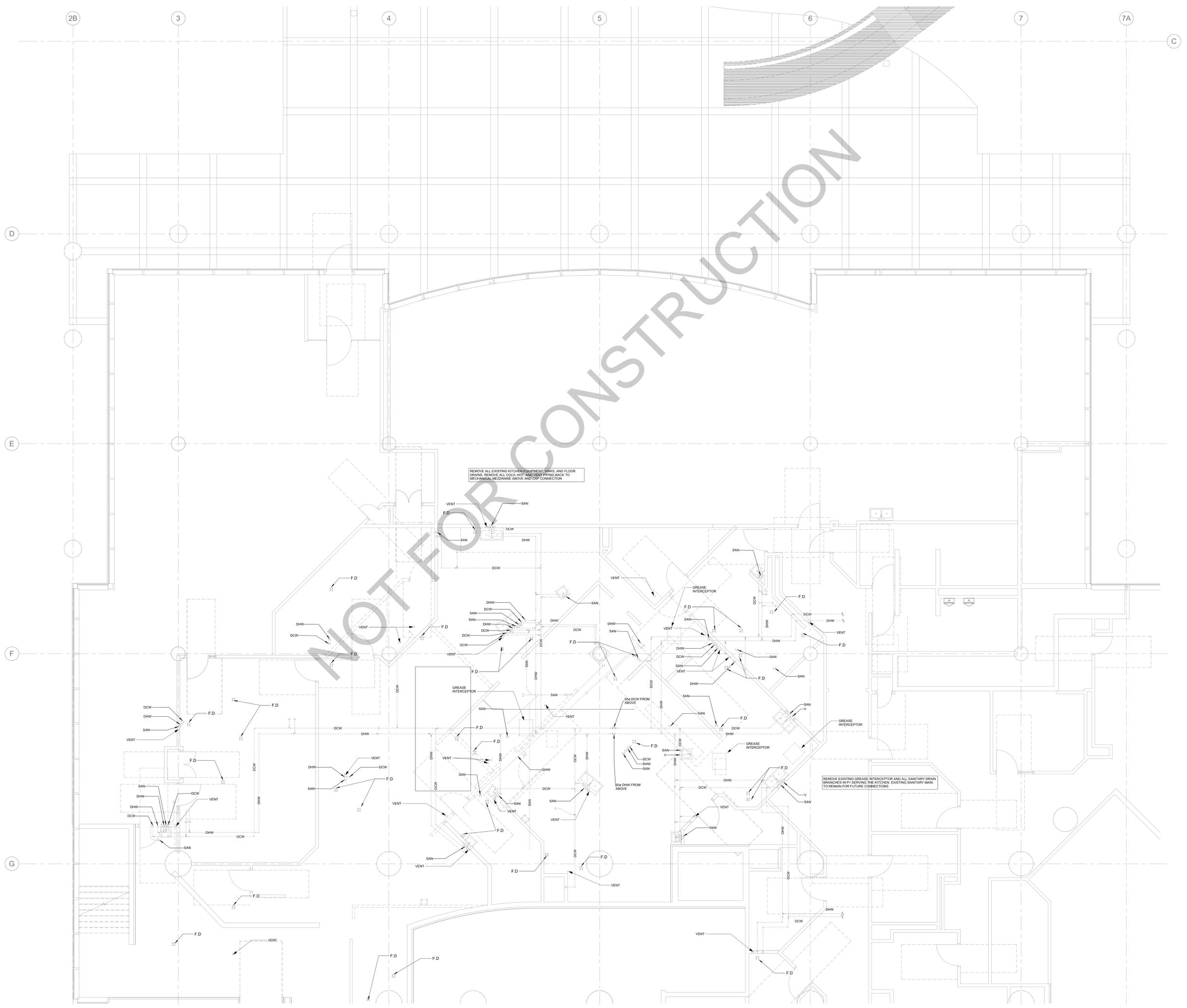
1 EX. MECHANICAL OPENING INFILL
S800 1:10

No.	Date	Description
1	2023-03-17	ISSUED FOR 75% DESIGN REVIEW
2	2023-07-17	ISSUED FOR 95% DESIGN REVIEW
3	2023-08-23	ISSUED FOR APPROVAL
4	2024-01-26	ISSUED FOR TENDER
5	2024-02-01	ISSUED FOR 100% DESIGN REVIEW

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No.	Date	Description	ISSUED
1	23/06/2022	ISSUED FOR CLASS D COSTING	
2	17/03/2023	ISSUED FOR 30% DESIGN REVIEW	
3	02/05/2023	ISSUED FOR 50% DESIGN REVIEW	
6	14/07/2023	ISSUED FOR 50% DESIGN DEVELOPMENT	
7	25/08/2023	ISSUED FOR APPROVAL	
8	02/01/2024	ISSUED FOR TENDER	



BM 300/271518.MXD (DC-M-101) 15/08/2023 10:56:15 AM (HIDI) (BUBBLE) (SET) (A)

Contractor Must Check & Verify all Dimensions on the Job.
Do Not Scale Drawings.
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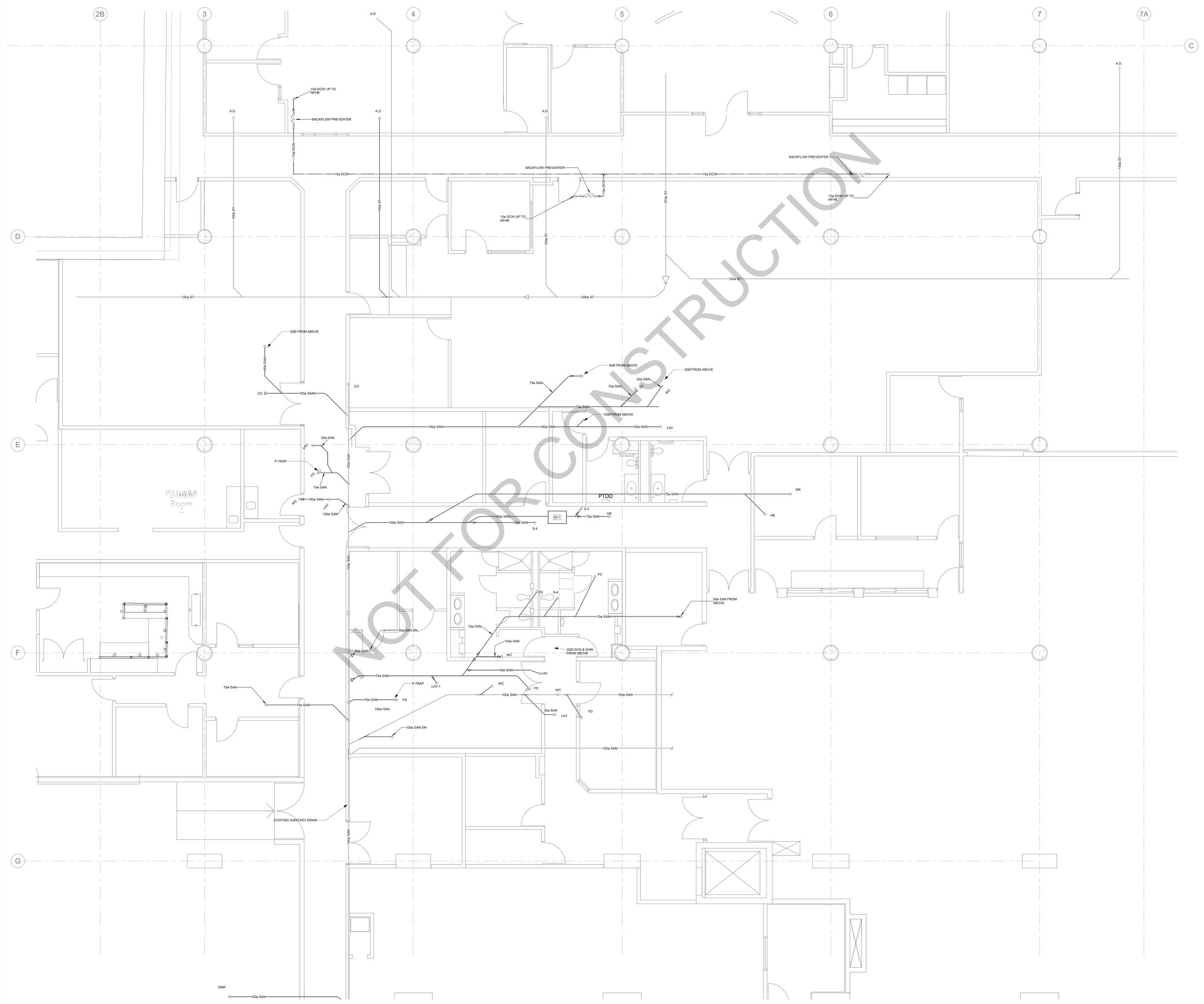
No.	Date	Description
1	23/06/2022	ISSUED FOR CLASS D COSTING
2	17/03/2023	ISSUED FOR 50% DESIGN REVIEW
3	02/05/2023	ISSUED FOR 65% DESIGN REVIEW
6	14/07/2023	ISSUED FOR 80% DESIGN DEVELOPMENT
7	25/08/2023	ISSUED FOR APPROVAL
8	02/01/2024	ISSUED FOR TENDER



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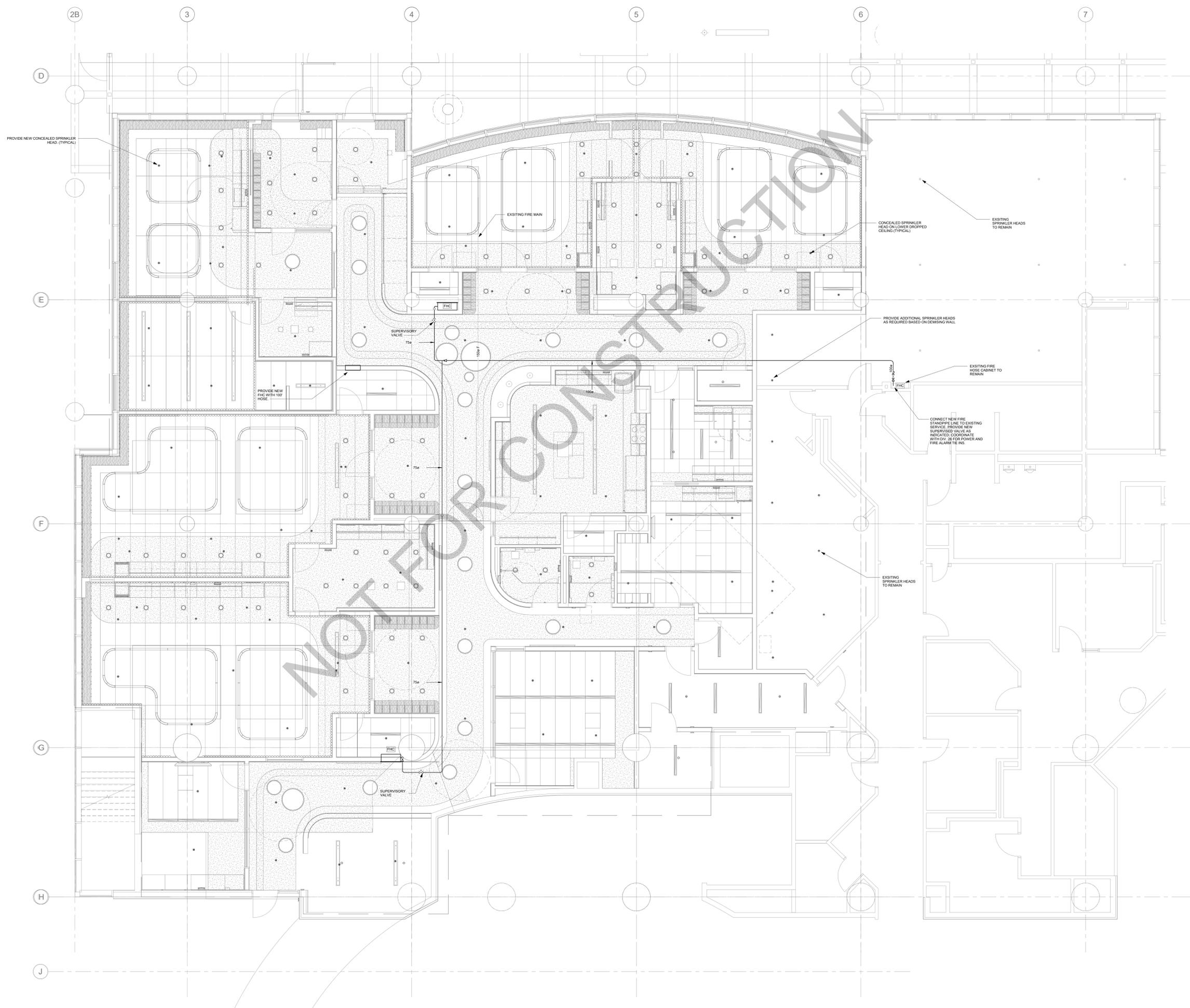
No.	Date	Description	ISSUED
1	23/06/2022	ISSUED FOR CLASS D COSTING	
2	17/03/2023	ISSUED FOR 30% DESIGN REVIEW	
3	02/05/2023	ISSUED FOR 65% DESIGN REVIEW	
4	14/07/2023	ISSUED FOR 95% DESIGN DEVELOPMENT	
6	25/08/2023	ISSUED FOR APPROVAL	
8	02/01/2024	ISSUED FOR TENDER	



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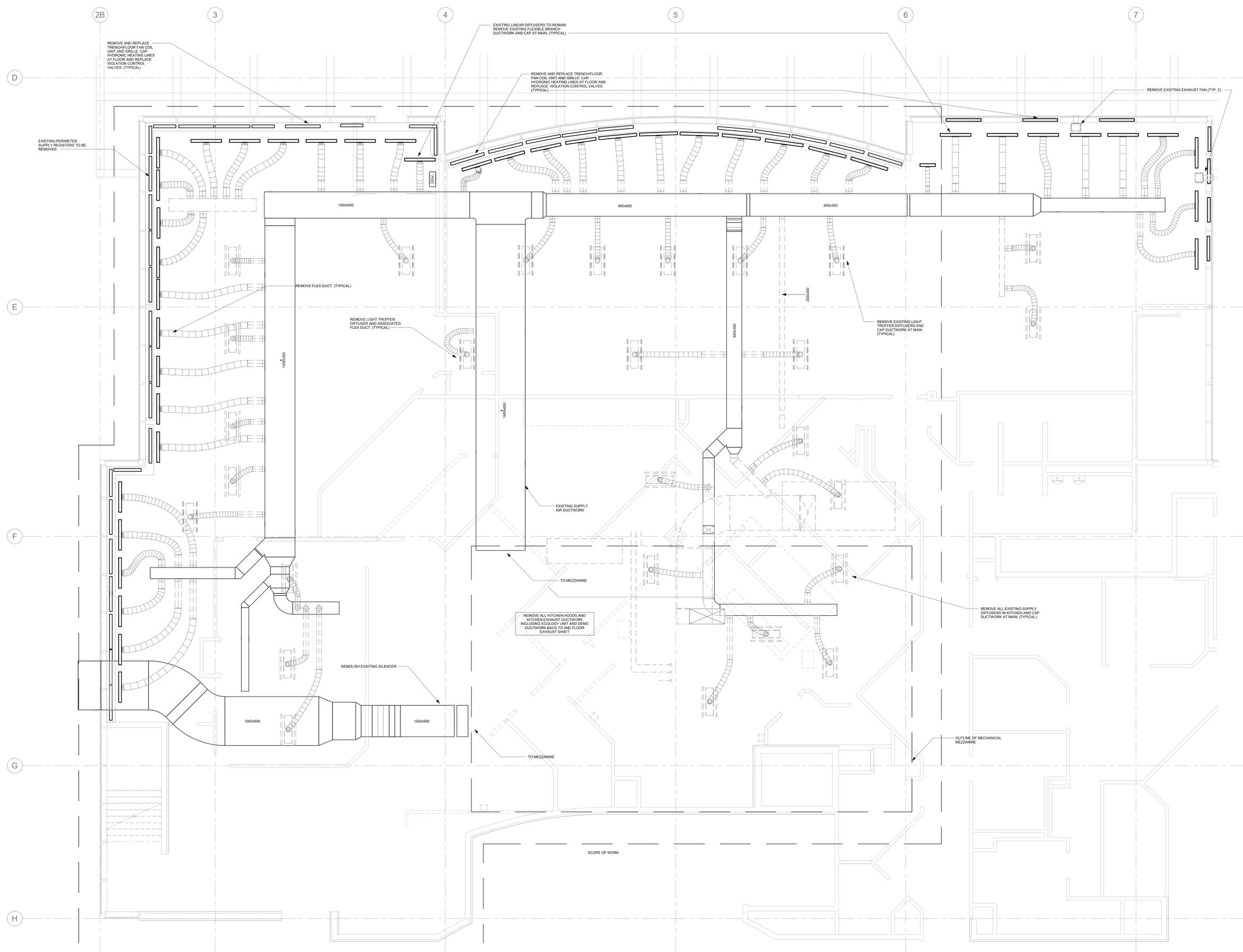
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2	17/03/2023	ISSUED FOR 30% DESIGN REVIEW	
3	02/05/2023	ISSUED FOR 55% DESIGN REVIEW	
6	14/07/2023	ISSUED FOR 85% DESIGN DEVELOPMENT	
7	25/08/2023	ISSUED FOR APPROVAL	
8	02/01/2024	ISSUED FOR TENDER	



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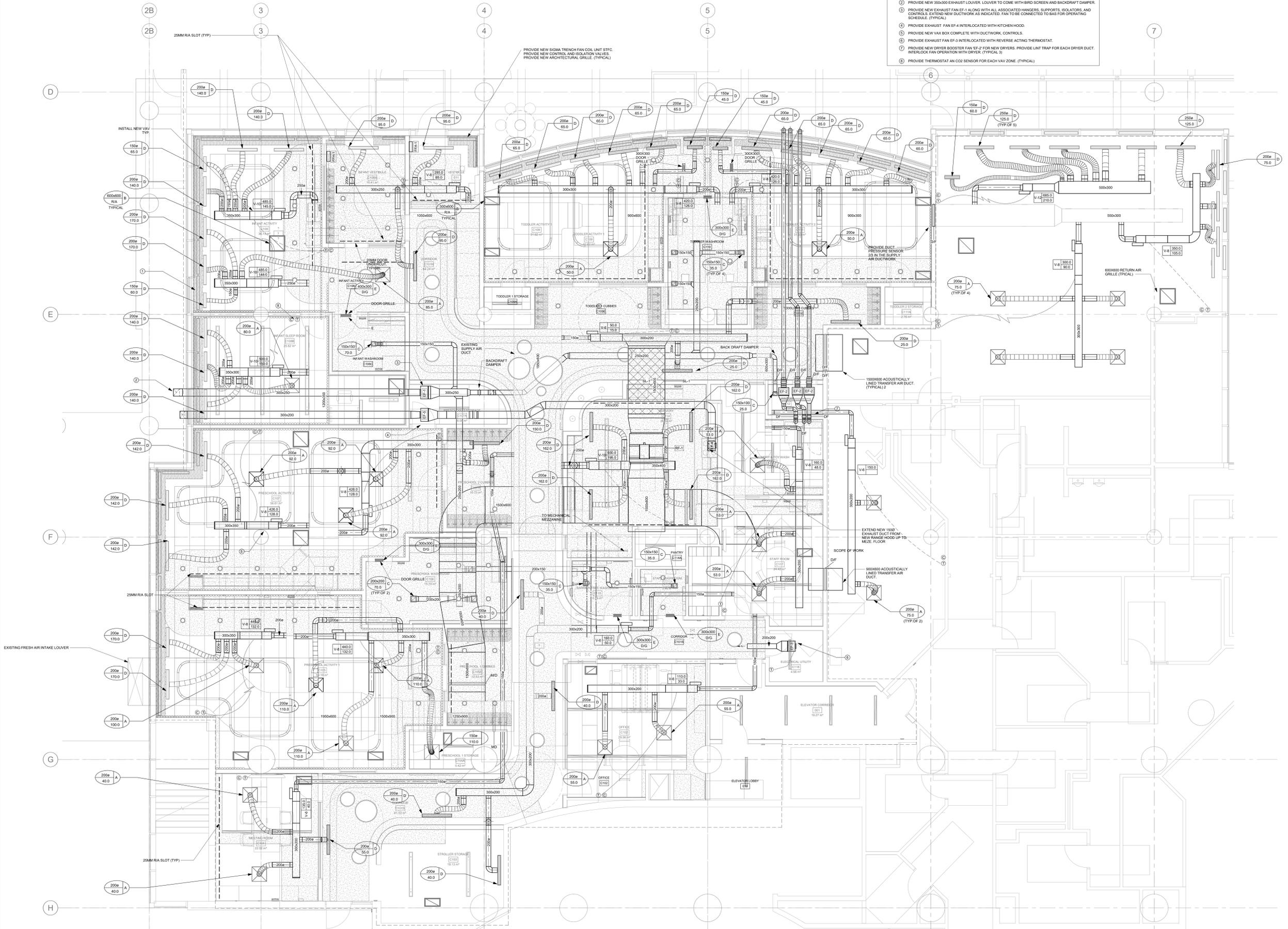


No.	Date	Description	ISSUED
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3	02/05/2023	ISSUED FOR 65% DESIGN REVIEW	
6	14/07/2023	ISSUED FOR 90% DESIGN DEVELOPMENT	
7	25/08/2023	ISSUED FOR APPROVAL	
8	02/01/2024	ISSUED FOR TENDER	

2023/02/04 1:34:01 PM BIM 300/021018.MECH.DC-301 LEVEL 1-MECH-HID-Building-SET.rvt

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- GENERAL NOTES**
- REPLACE EXISTING PERIMETER SILL REGISTERS WITH NEW TYPE 'L' REGISTERS. NEW REGISTER LENGTHS AND WIDTHS TO MATCH EXISTING UNITS. (TYPICAL)
 - PROVIDE NEW 300x300 EXHAUST LOUVER. LOUVER TO COME WITH BIRD SCREEN AND BACKDRAFT DAMPER.
 - PROVIDE NEW EXHAUST FAN EF-1 ALONG WITH ALL ASSOCIATED HANGERS, SUPPORTS, ISOLATORS, AND CONTROLS. EXTEND NEW DUCTWORK AS INDICATED. FAN TO BE CONNECTED TO BAS FOR OPERATING SCHEDULE. (TYPICAL)
 - PROVIDE EXHAUST FAN EF-4 INTERLOCATED WITH KITCHEN HOOD.
 - PROVIDE NEW VAV BOX COMPLETE WITH DUCTWORK, CONTROLS.
 - PROVIDE EXHAUST FAN EF-3 INTERLOCATED WITH REVERSE ACTING THERMOSTAT.
 - PROVIDE NEW DRYER BOOSTER FAN EF-2 FOR NEW DRYERS. PROVIDE LINT TRAP FOR EACH DRYER DUCT.
 - PROVIDE THERMOSTAT AN CO2 SENSOR FOR EACH VAV ZONE. (TYPICAL)



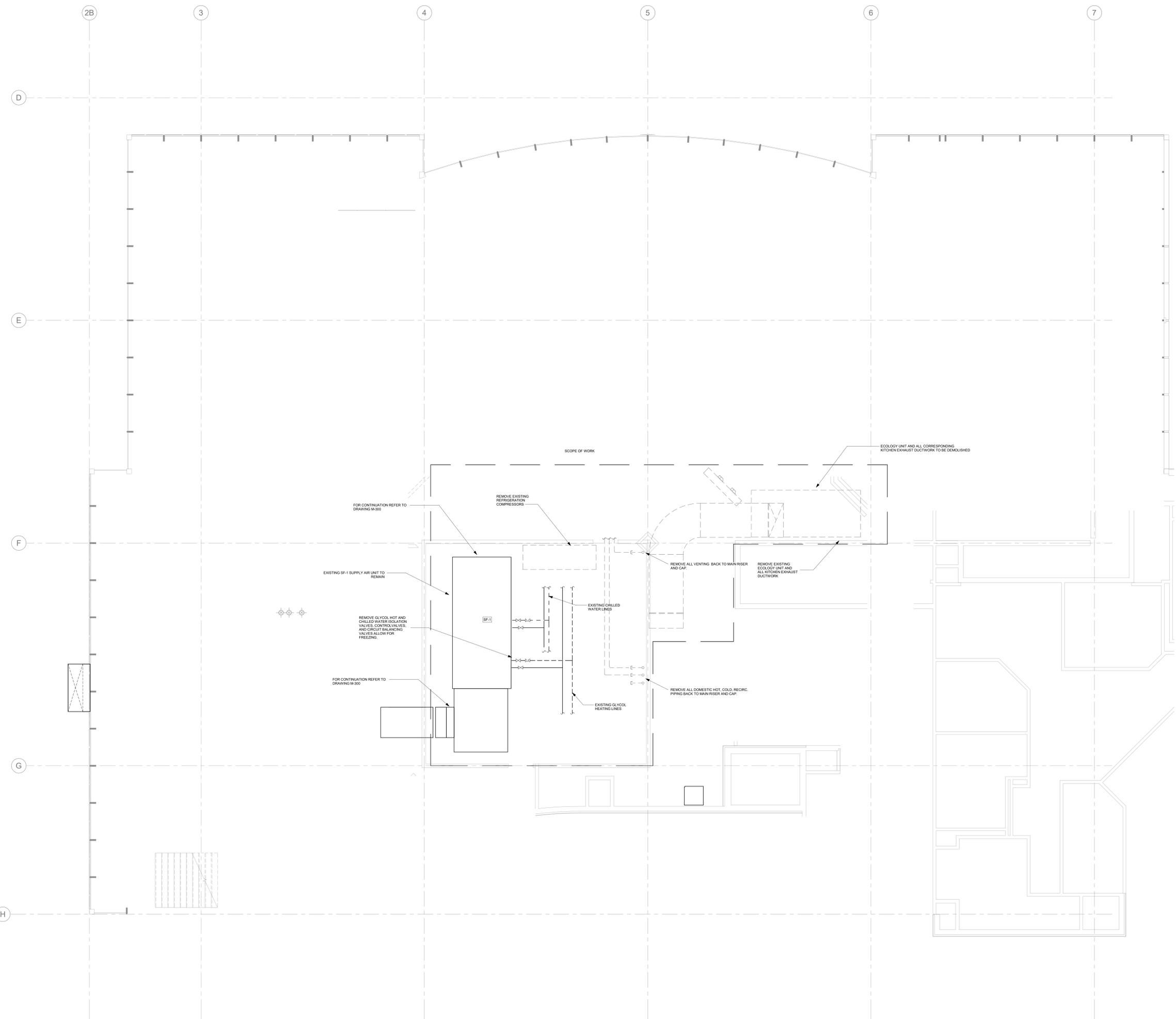
ISSUED

No.	Date	Description
1	23/06/2022	ISSUED FOR CLASS D COSTING
2	17/03/2023	ISSUED FOR 50% DESIGN REVIEW
3	02/06/2023	ISSUED FOR 65% DESIGN REVIEW
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7	25/08/2023	ISSUED FOR APPROVAL
8	02/01/2024	ISSUED FOR TENDER

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No.	Date	Description	ISSUED
1	23/06/2022	ISSUED FOR CLASS D COSTING	
2	17/03/2023	ISSUED FOR 10% DESIGN REVIEW	
3	02/05/2023	ISSUED FOR 35% DESIGN REVIEW	
6	14/07/2023	ISSUED FOR 50% DESIGN DEVELOPMENT	
7	25/08/2023	ISSUED FOR APPROVAL	
8	02/01/2024	ISSUED FOR TENDER	



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FANS											
TAG	AREA SERVED	FUNCTION	MFG.	MODEL	AIRFLOW (L/S)	ESP (Pa)	WEIGHT (LBS)	ELEC.	MCA	STARTER	REMARKS
EF-1	WASHROOMS	SAN. EXHAUST	COOK	QNVF-700	410	150	40	120V180	4.4	BAS	CW SPEED CONTROLLER, VIBRATION ISOLATORS, BACKDRAFT DAMPER, CONNECT TO BAS FOR CONTROLS AND MONITORING.
EF-2	LAUNDRY	DRYER BOOSTER	REVERSOMATIC	TL0200	75	100	-	120V180	0.70	DRYER	CW SPEED CONTROLLER, VIBRATION ISOLATORS, BACKDRAFT DAMPER, LINT TRAP, INTERLOCK WITH DRYER OPERATION.
EF-3	ELECTRICAL	TRANSFER AIR	GREENHECK	SPA200	200	75	-	120V180	-	-	REVERSE ACTING THERMOSTAT
EF-4	SERVERY	RANGE HOOD EXHAUST	BROAN	ERLE13655	300	125	-	120V180	-	-	3 SPEED
EF-5	SERVERY	BOOSTER FAN	COOK	QNVF-700	300	100	-	120V180	-	-	INTERLOCK WITH KITCHEN HOOD FAN EF-4
RF-1	SF-1	RETURN AIR FAN	COOK	4025QN-8	18000	150	657	575/380	9.0	BAS	CW VFD, MOTOR COVER, VIBRATION ISOLATORS, NEMA 1 DISCONNECT, INTERLOCK WITH EXISTING AIR HANDLER FOR VAV OPERATION.

SILENCER SCHEDULE																				
TAG	SYSTEM	LOCATION	MANUFACTURER	MODEL No.	AIR FLOW (L/S)	AIR VELOCITY (M/S)	PRESS. DROP (Pa)	MODULE SIZE (MM)			CITY OF PIECES	DYNAMIC INSERTION LOSS (dB) [AIRFLOW GENERATED NOISE (dB)]								REMARKS
								W	H	L		63 Hz	125 Hz	250 Hz	500 Hz	1K Hz	2K Hz	4K Hz	8K Hz	
SL-1	RETURN AIR	RETURN AIR DUCT	EH PRICE	RMX100VE	8495	5.7	62	2000	750	2700	X	16	25	32	44	34	22	16	12	22GA PERF LINER, FIBERGLASS, 2" SLIP INLET, 2" SLIP OUTLET

VARIABLE AIR VOLUME BOX SCHEDULE						
TAG	MANUFACTURER	MODEL No. (PNEUMATIC OR DIGITAL)	INLET SIZE (MM)	FLOW RANGE (L/S)		REMARKS
				MIN	MAX	
V-4	EH PRICE	SOXV-8000	100	21	189	TERMINAL UNITS SILENCER
V-6	EH PRICE	SOXV-8000	150	31	260	TERMINAL UNITS SILENCER
V-8	EH PRICE	SOXV-8000	200	59	519	TERMINAL UNITS SILENCER
V-10	EH PRICE	SOXV-8000	250	99	850	TERMINAL UNITS SILENCER
V-12	EH PRICE	SOXV-8000	300	142	1227	TERMINAL UNITS SILENCER
V-14	EH PRICE	SOXV-8000	350	203	1746	TERMINAL UNITS SILENCER

DIFFUSER & GRILLE SCHEDULE								
TAG	UNIT			DAMPER		MATERIAL	FINISH	REMARKS
	MANUFACTURER	MODEL No.	APPLICATION	PART OF UNIT	REMOTE IN DUCT			
A	E.H. PRICE	SPD	SUPPLY	N	Y	ALUMINUM	WHITE	
B	E.H. PRICE	80 EGG CRATE GRILLE	RETURN	N	N	ALUMINUM	WHITE	
C	E.H. PRICE	80 EGG CRATE GRILLE	EXHAUST	Y	N	ALUMINUM	WHITE	
D	E.H. PRICE	SDS	SUPPLY	Y	N	ALUMINUM	WHITE	25mm 1-SLOT LINEAR SLOT DIFFUSER, SDS PLENUM FACE OPERATED BALANCING DAMPER
E	E.H. PRICE	ATG	DOOR GRILLE	N	N	ALUMINUM	WHITE	SIGHT-PROOF DOOR TRANSFER GRILLE

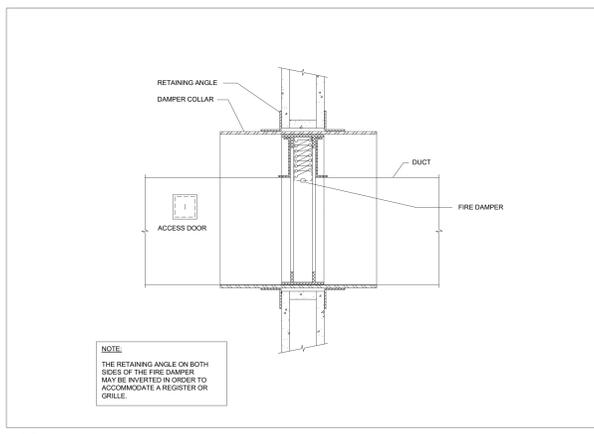
ELECTRIC HEATER SCHEDULE							
TAG	TYPE	MANUFACTURER	MODEL	ELECTRICAL		LOCAL OR BAS CONTROL	REMARKS
				CAPACITY (KW)	VOLTAGE		
FFH-1	FORCE FLOW HEATER	OUELLET	OAC-2066-T	2	208/180	BAS	CW ROOM THERMOSTAT

GREASE INTERCEPTOR
<p>GREASE INTERCEPTOR GLL CALCULATION:</p> <p>3-COMPARTMENT SINK VOLUME = 356mmx406mmx254mm x 3 = 29.1 GALLONS</p> <p>1 MINUTE DRAIN DOWN TIME</p> <p>FLOW = 0.75(29.1)</p> <p>FLOW = 21.83 GPM</p> <p>DISHWASHER FLOW: 15 GPM</p> <p>TOTAL FLOW: 15 + 21.83 = 36.83 GPM</p> <p>GREASE INTERCEPTOR SHALL BE SIZED @ 50 GPM</p> <p>GREASE INTERCEPTOR GLL SHALL BE WATTS WD-150, PROVIDE EXTENSION AS REQUIRED</p>

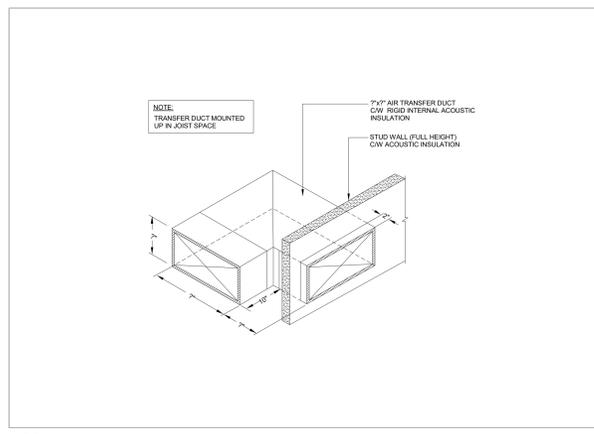
CONTROLS CONTRACTOR
BUILDING AUTOMATION SYSTEM SHALL BE BY BASE BUILDING CONTROLS CONTRACTOR (ANSWORTH)

No.	Date	Description	ISSUED
1	23/06/2022	ISSUED FOR CLASS D COSTING	
2	17/03/2023	ISSUED FOR 50% DESIGN REVIEW	
3	02/06/2023	ISSUED FOR 95% DESIGN REVIEW	
6	14/07/2023	ISSUED FOR 90% DESIGN DEVELOPMENT	
7	25/08/2023	ISSUED FOR APPROVAL	
8	02/01/2024	ISSUED FOR TENDER	

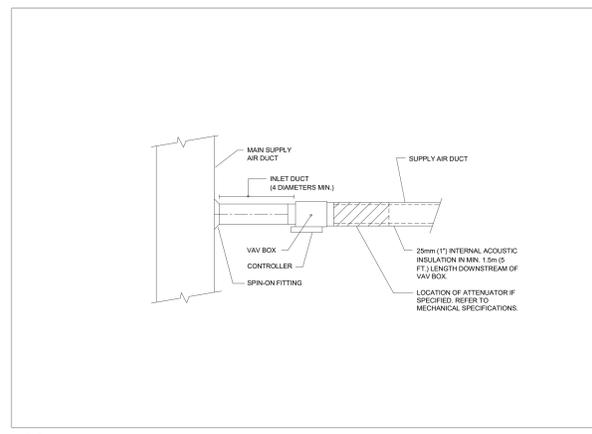
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2	17/03/2023	ISSUED FOR 50% DESIGN REVIEW	
3	02/05/2023	ISSUED FOR 95% DESIGN REVIEW	
6	14/07/2023	ISSUED FOR 95% DESIGN DEVELOPMENT	
7	25/08/2023	ISSUED FOR APPROVAL	
8	02/01/2024	ISSUED FOR TENDER	



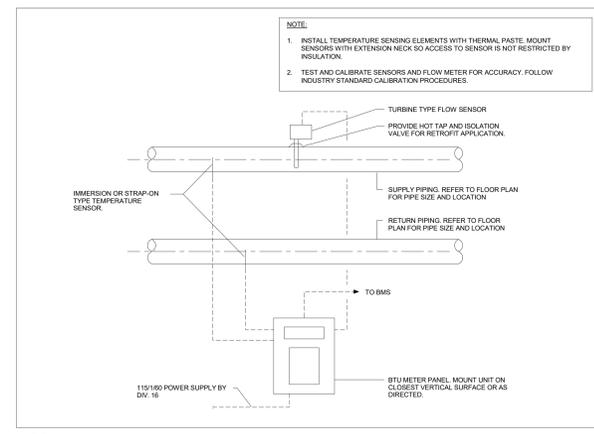
1 FIRE DAMPER INSTALLATION DETAIL
M-500/500 N.T.S.



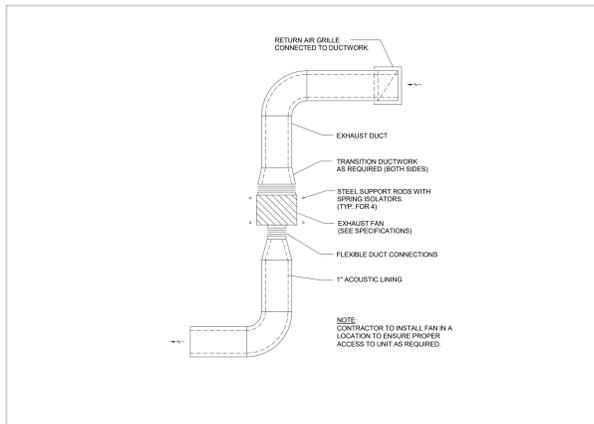
2 TRANSFER AIR DUCT DETAIL
M-500 N.T.S.



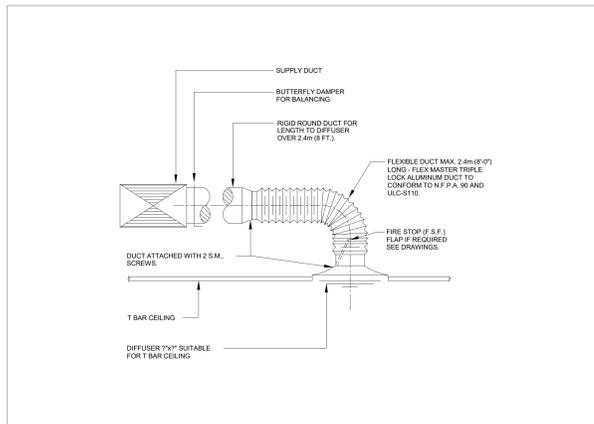
3 VAV BOX DETAIL
M-500 N.T.S.



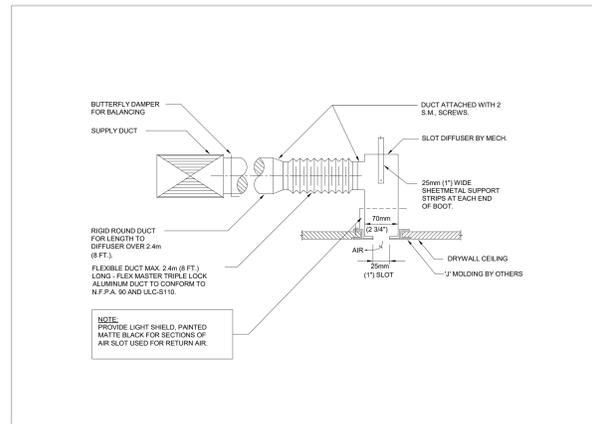
4 TYPICAL BTU METER CONNECTION DETAIL
M-500 N.T.S.



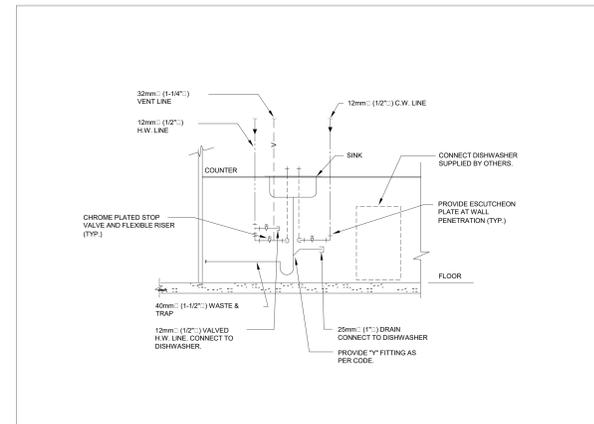
5 DETAIL OF EXHAUST FAN
M-500 N.T.S.



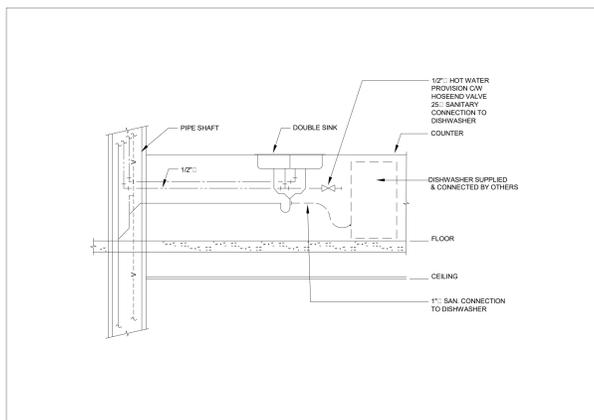
6 TYPICAL SUPPLY DIFFUSER CONNECTION
M-500 N.T.S.



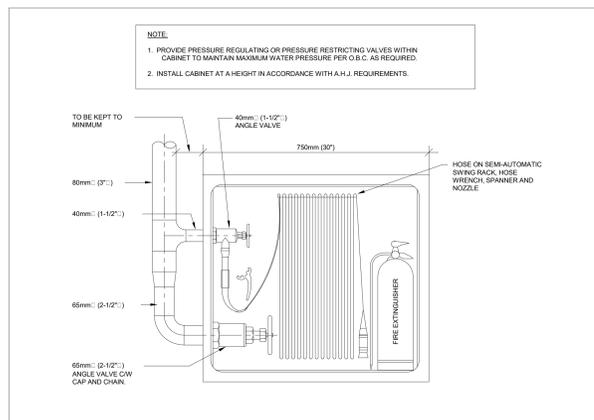
7 TYPICAL SLOT DIFFUSER CONNECTION DETAIL
M-500 N.T.S.



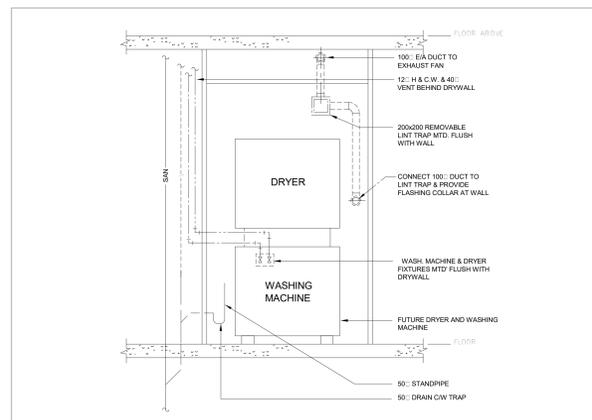
8 SINK PIPING CONNECTION DETAIL
M-500 N.T.S.



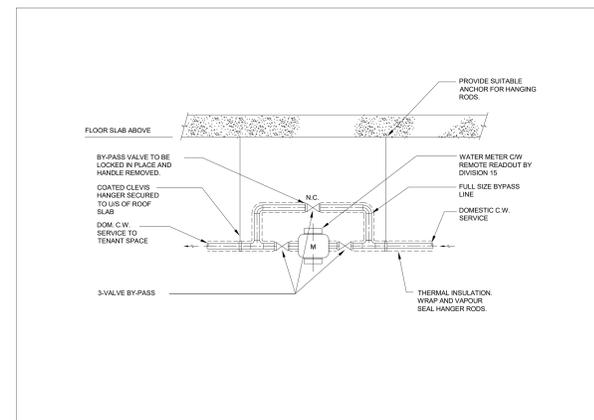
9 DISHWASHER PIPING CONNECTION DETAIL
M-500 N.T.S.



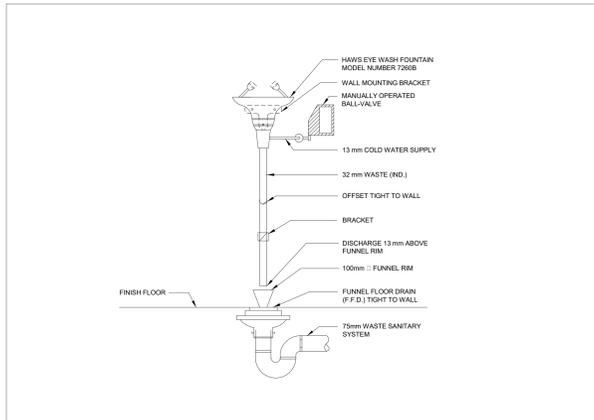
10 FIRE HOSE CABINET DETAIL
M-500 N.T.S.



11 WASHING & DRYER CONNECTION DETAIL
M-500 N.T.S.



12 CHECK METER INSTALLATION DETAIL
M-500 N.T.S.



13 DETAIL OF EYE WASH SYSTEM
M-500 N.T.S.

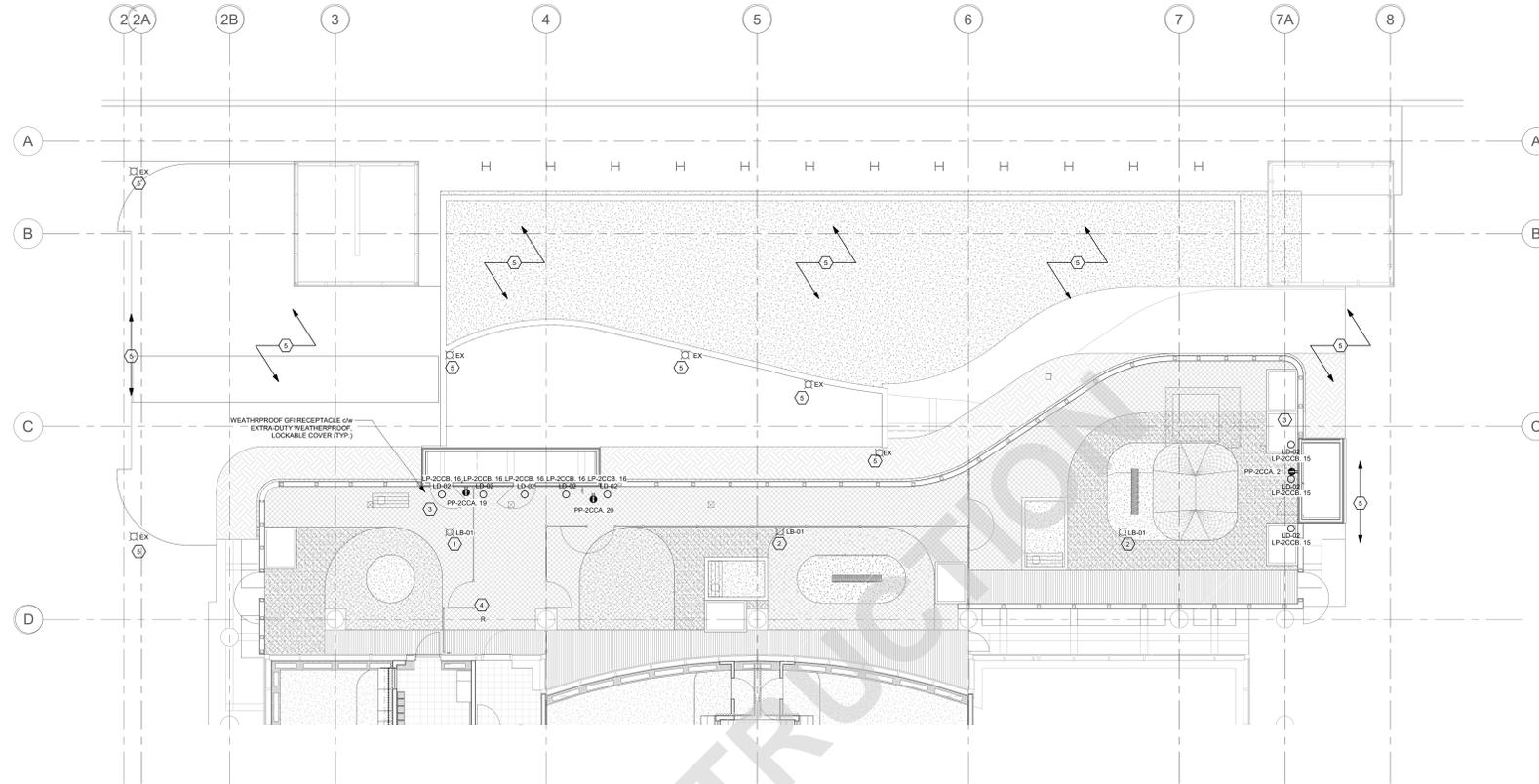
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DRAWING NOTES

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- b. REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR FINAL DEVICE LOCATIONS. IF NOT INDICATED, CONFIRM EXACT LOCATION WITH ARCHITECT.
- c. NOT ALL EXISTING DEVICES AND EQUIPMENT SHOWN. ALL EXISTING DEVICES TO REMAIN UNLESS SPECIFICALLY NOTED OTHERWISE.

KEY NOTES

- 1. EXISTING LIGHT STANDARD AT THIS LOCATION TO BE REMOVED. REWORK EXISTING SITE LIGHTING CIRCUIT TO SUIT INSTALLATION OF NEW BOLLARD.
- 2. EXTEND EXISTING SITE LIGHTING CIRCUIT TO SUIT INSTALLATION OF NEW BOLLARD.
- 3. PROVIDE CONTROL RELAY C/W TIMECLOCK AND PHOTOCELL FOR CONTROL OF STORAGE SHED SOFFIT LIGHTS.
- 4. EXISTING LIGHT POLE TO BE REMOVED. EXISTING SITE LIGHTING CIRCUIT TO BE REWORKED AND EXTENDED TO SUIT AS NECESSARY.
- 5. ALLOW FOR EXISTING BURIED SITE LIGHTING AND LANDSCAPE RECEPTACLES AND ASSOCIATED CONDUIT/CIRCUITS TO BE REPLACED WITH NEW AS NECESSARY TO SUIT EXTERIOR CONSTRUCTION, AND DEMOLITION WORKS. CONDUIT SHALL NOT BE ROUTED BENEATH SANDWICHES OR AREAS WITH EXPOSED LATH/STUCCO. NOT ALL EXISTING LIGHT AND RECEPTACLE LOCATIONS SHOWN. LIGHTING AND RECEPTACLES FED FROM EXISTING PANELS LP-02 AND RP-02C IN GROUND FLOOR BASEBUILDING ELECTRICAL ROOM.



1 EXTERIOR ELECTRICAL PLAN
E-101 1:100

No.	Date	Description
1	2022-09-23	ISSUED FOR CLASS D COSTING
2	2023-03-17	ISSUED FOR 50% DESIGN REVIEW
3	2023-05-02	ISSUED FOR 90% DESIGN REVIEW
4	2023-07-14	ISSUED FOR 90% DESIGN REVIEW
5	2023-08-23	ISSUED FOR APPROVAL
6	2024-02-01	ISSUED FOR TENDER

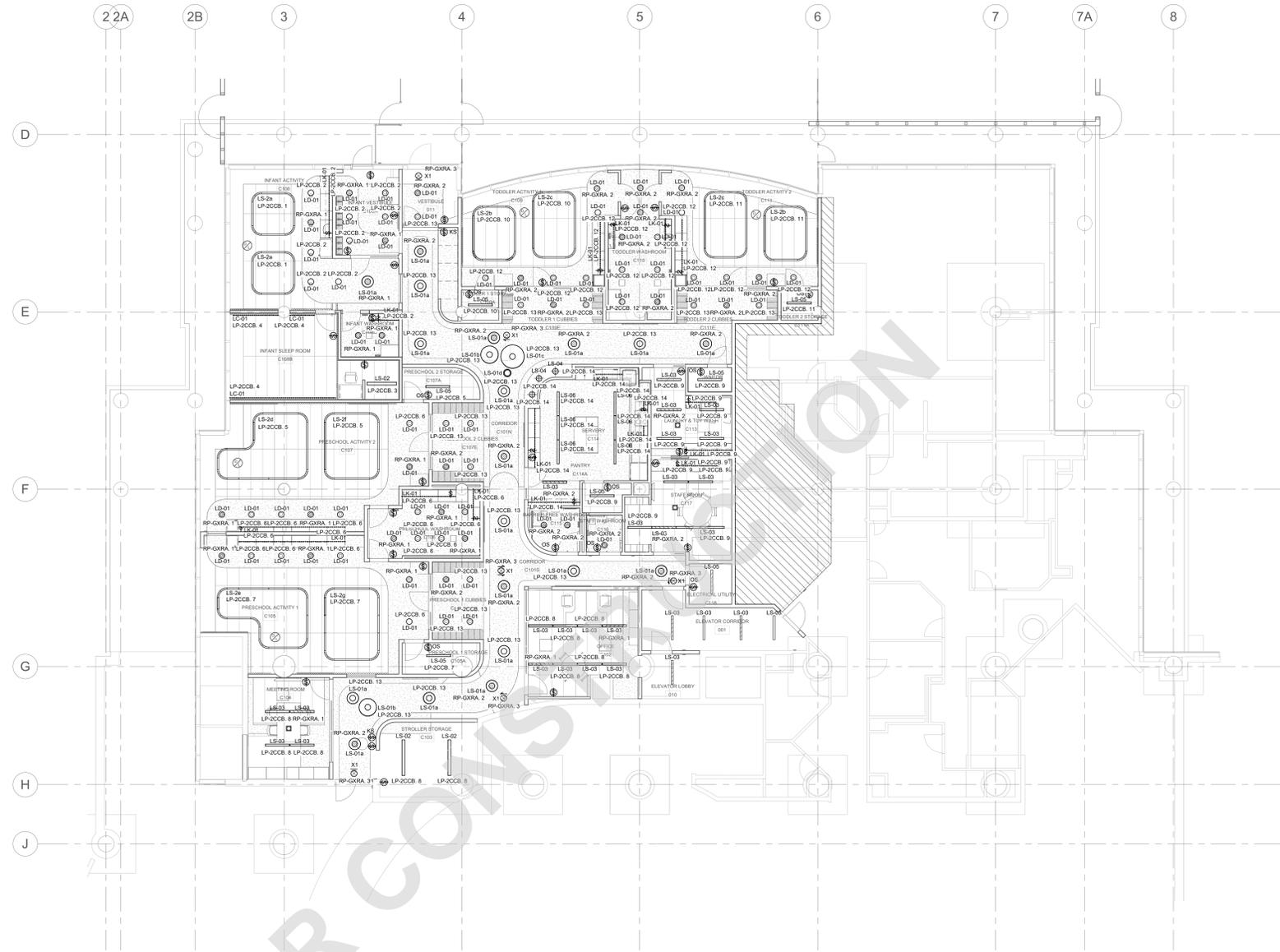
NOT FOR CONSTRUCTION

BM 380 02101918LAMPDCC-RE20211016ELEC-HD-04101918P2.dwg

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- c. NOT ALL EXISTING DEVICES AND EQUIPMENT SHOWN. ALL EXISTING DEVICES TO REMAIN UNLESS SPECIFICALLY NOTED OTHERWISE.



1 LEVEL 1 LIGHTING PLAN
 E-201 1:100

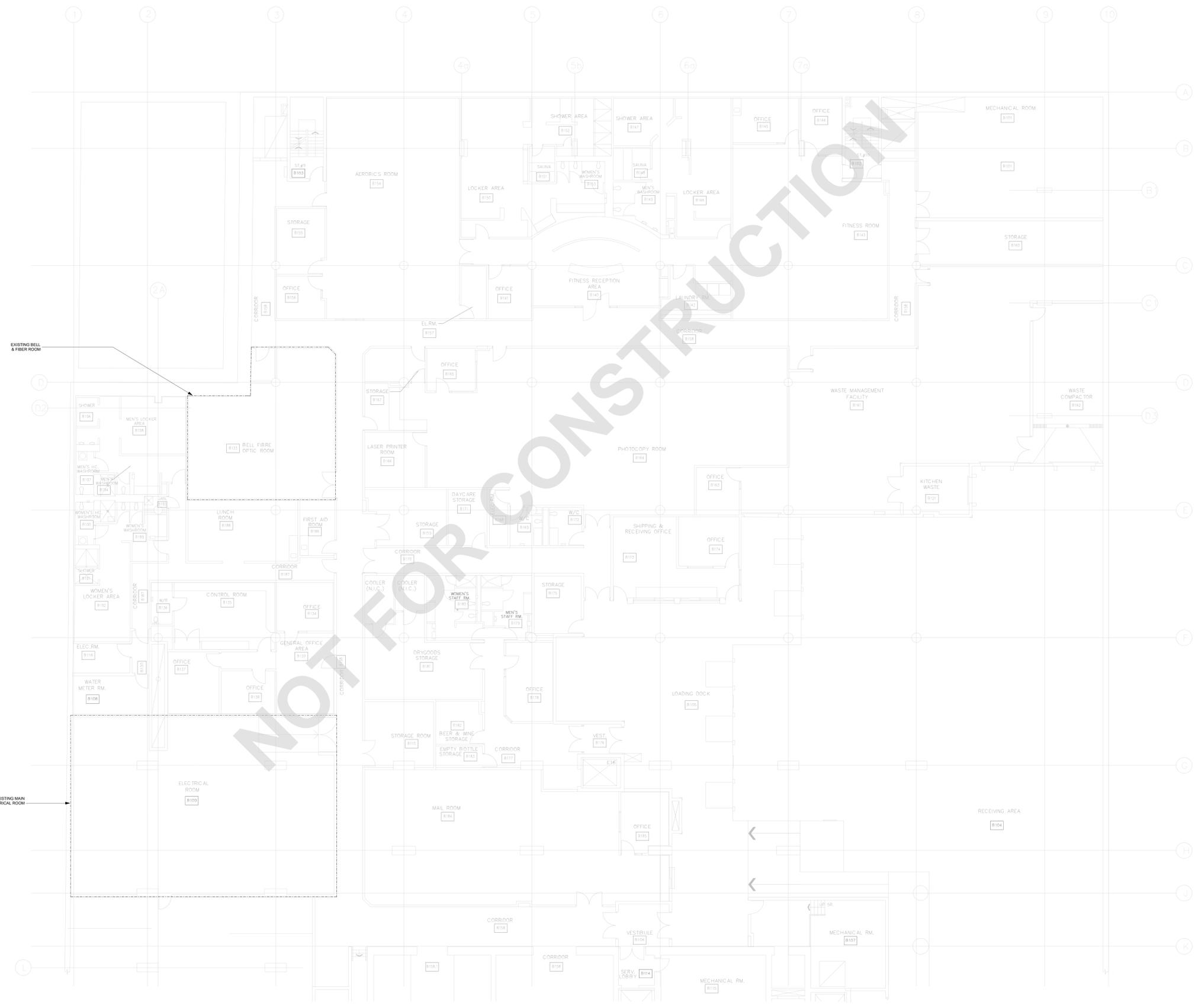
No.	Date	Description
1	2022-09-23	ISSUED FOR CLASS D COSTING
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6	2024-02-01	ISSUED FOR TENDER

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- c. NOT ALL EXISTING DEVICES AND EQUIPMENT SHOWN. ALL EXISTING DEVICES TO REMAIN UNLESS SPECIFICALLY NOTED OTHERWISE.



No.	Date	Description
1	2023-03-17	ISSUED FOR 75% DESIGN REVIEW
2	2023-05-02	ISSUED FOR 85% DESIGN REVIEW
3	2023-07-14	ISSUED FOR 95% DESIGN REVIEW
4	2023-08-23	ISSUED FOR APPROVAL
5	2024-02-01	ISSUED FOR TENDER

1 P1 PART PLAN - NORTH - POWER
 E-300
 1:100

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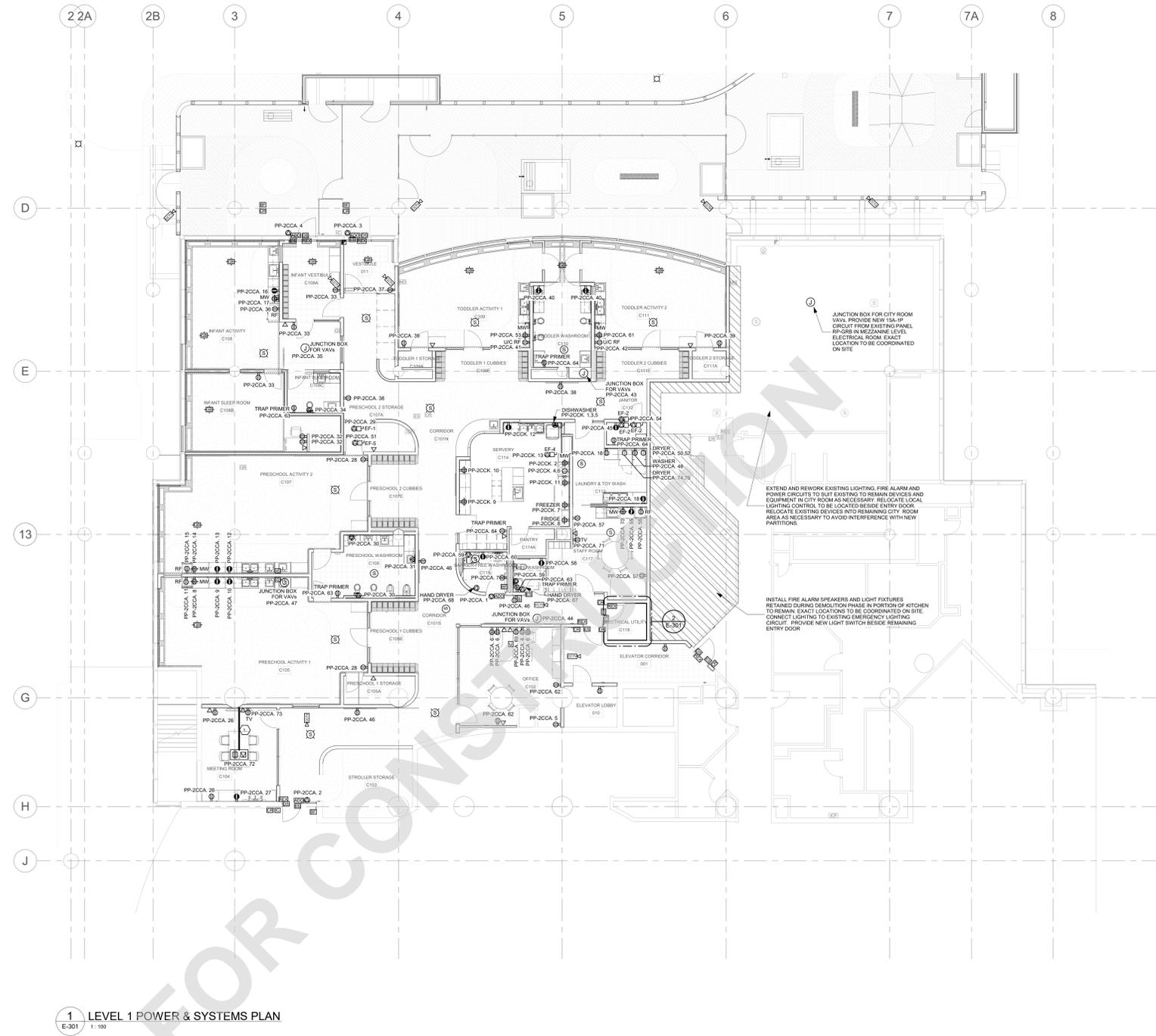
BM 180/021018/PH/DOC-PC/21/11/16/ELEC-HID-GROUP/PC/1.rvt

DRAWING NOTES

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- REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR FINAL DEVICE LOCATIONS. IF NOT INDICATED, CONFIRM EXACT LOCATION WITH ARCHITECT
- NOT ALL EXISTING DEVICES AND EQUIPMENT SHOWN. ALL EXISTING DEVICES TO REMAIN UNLESS SPECIFICALLY NOTED OTHERWISE

KEY NOTES

- PROVIDE CONNECTOR W/ ACCESSORIES FOR POWER, COMMS, HDMI, HDMI TO RUN TO TV.



1
E-301
LEVEL 1 POWER & SYSTEMS PLAN
1:100

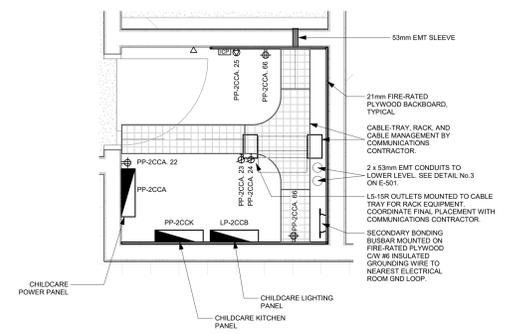
JUNCTION BOX FOR CITY ROOM VAV. PROVIDE NEW 15A-IP CIRCUIT FROM EXISTING PANEL. RP-GRB IN MEZZANINE LEVEL ELECTRICAL ROOM. EXACT LOCATION TO BE COORDINATED ON SITE.

EXTEND AND REWORK EXISTING LIGHTING, FIRE ALARM AND POWER CIRCUITS TO SUIT EXISTING TO REMAIN DEVICES AND EQUIPMENT IN CITY ROOM AS NECESSARY. RELOCATE LOCAL LIGHTING CONTROL TO BE LOCATED BESIDE ENTRY DOOR. RELOCATE EXISTING DEVICES INTO REMAINING CITY ROOM AREA AS NECESSARY TO AVOID INTERFERENCE WITH NEW PARTITIONS.

INSTALL FIRE ALARM BREAKERS AND LIGHT FIXTURES REMAINED DURING DEMOLITION PHASE IN PORTION OF KITCHEN TO REMAIN. EXACT LOCATIONS TO BE COORDINATED ON SITE. CONNECT LIGHTING TO EXISTING EMERGENCY LIGHTING CIRCUIT. PROVIDE NEW LIGHT SWITCH BESIDE REMAINING ENTRY DOOR.

ISSUED

No.	Date	Description
1	2022-09-23	ISSUED FOR CLASS D COSTING
2	2023-03-17	ISSUED FOR 50% DESIGN REVIEW
3	2023-05-02	ISSUED FOR 90% DESIGN REVIEW
4	2023-07-14	ISSUED FOR 90% DESIGN REVIEW
5	2023-08-23	ISSUED FOR APPROVAL
6	2024-02-01	ISSUED FOR TENDER



2
E-301
ELCC ELECTRICAL ROOM DETAIL
1:25

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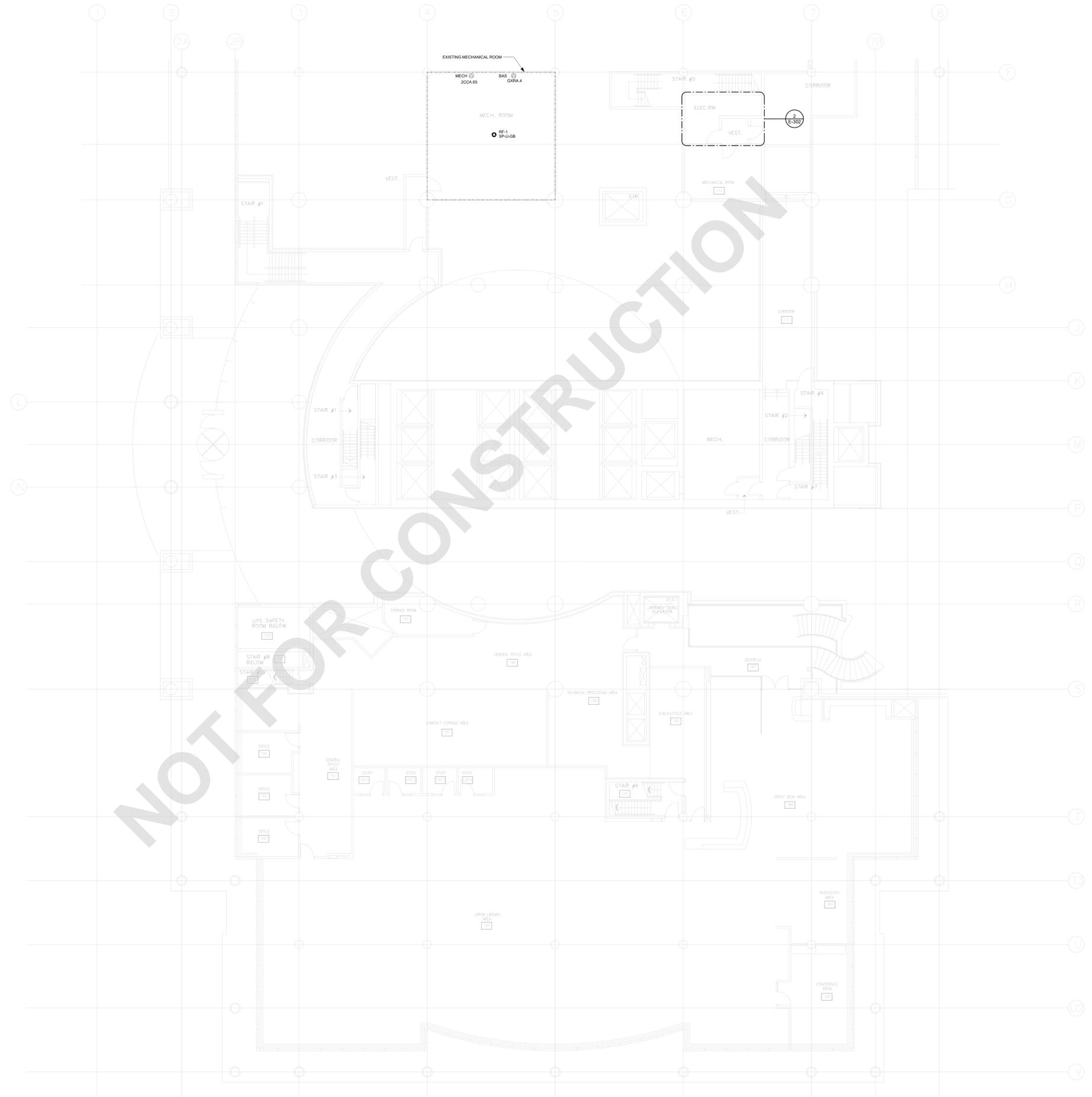
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DRAWING NOTES

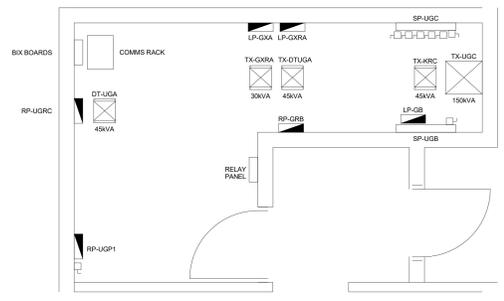
a. THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, STRUCTURAL AND MECHANICAL DRAWINGS AND DOCUMENTS

b. REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR FINAL DEVICE LOCATIONS. IF NOT INDICATED, CONFIRM EXACT LOCATION WITH ARCHITECT

c. NOT ALL EXISTING DEVICES AND EQUIPMENT SHOWN, ALL EXISTING DEVICES TO REMAIN UNLESS SPECIFICALLY NOTED OTHERWISE



No.	Date	Description	ISSUED
1	2023-03-17	ISSUED FOR 75% DESIGN REVIEW	
2	2023-05-02	ISSUED FOR 85% DESIGN REVIEW	
3	2023-07-14	ISSUED FOR 95% DESIGN REVIEW	
4	2023-08-23	ISSUED FOR APPROVAL	
5	2024-02-01	ISSUED FOR TENDER	



2 MEZZANINE ELECTRICAL ROOM
E-302 1-26

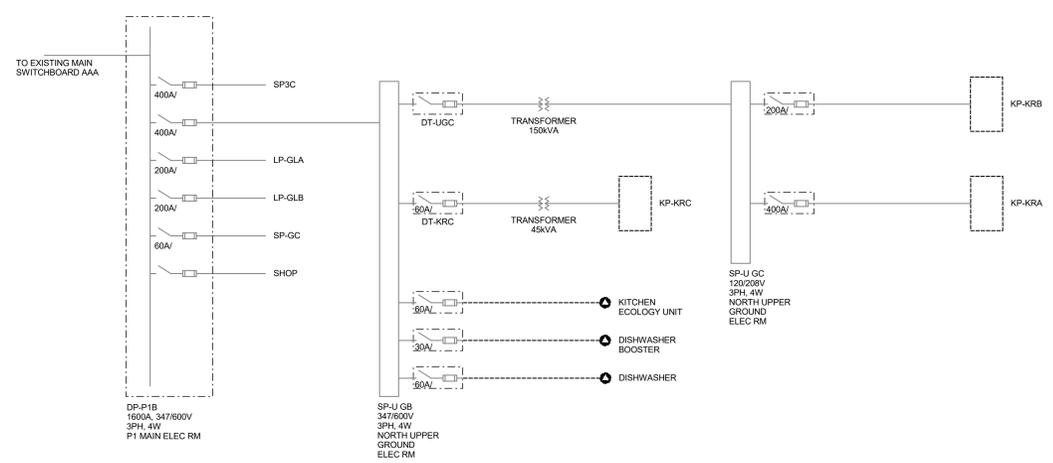
1 UPPER GROUND FLOOR - POWER
E-302 1-100

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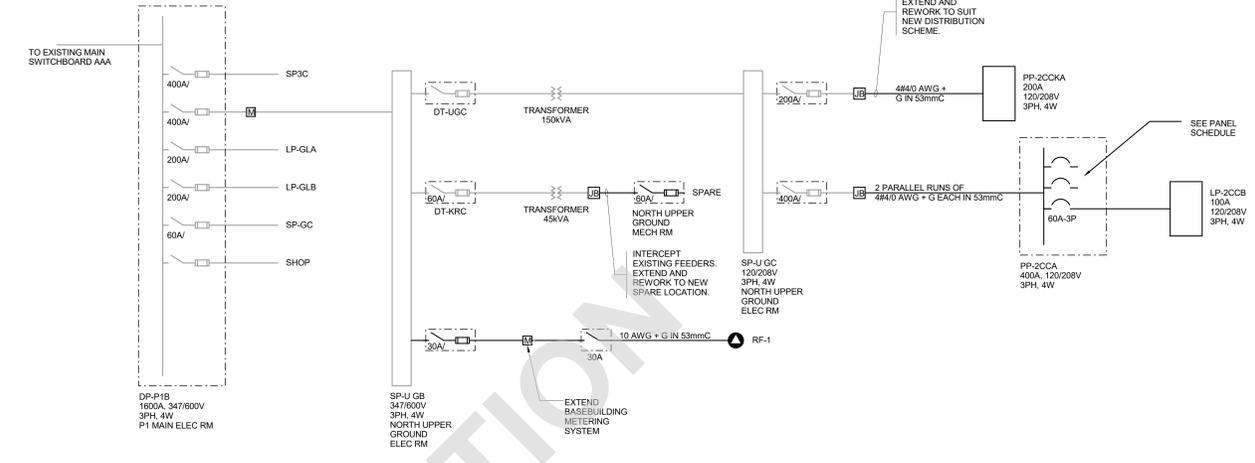
BIM: 00121018LPH00C-RE-20211016ELEC-HD-041019-02.dwg

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- NOT ALL EXISTING DEVICES AND EQUIPMENT SHOWN. ALL EXISTING DEVICES TO REMAIN UNLESS SPECIFICALLY NOTED OTHERWISE

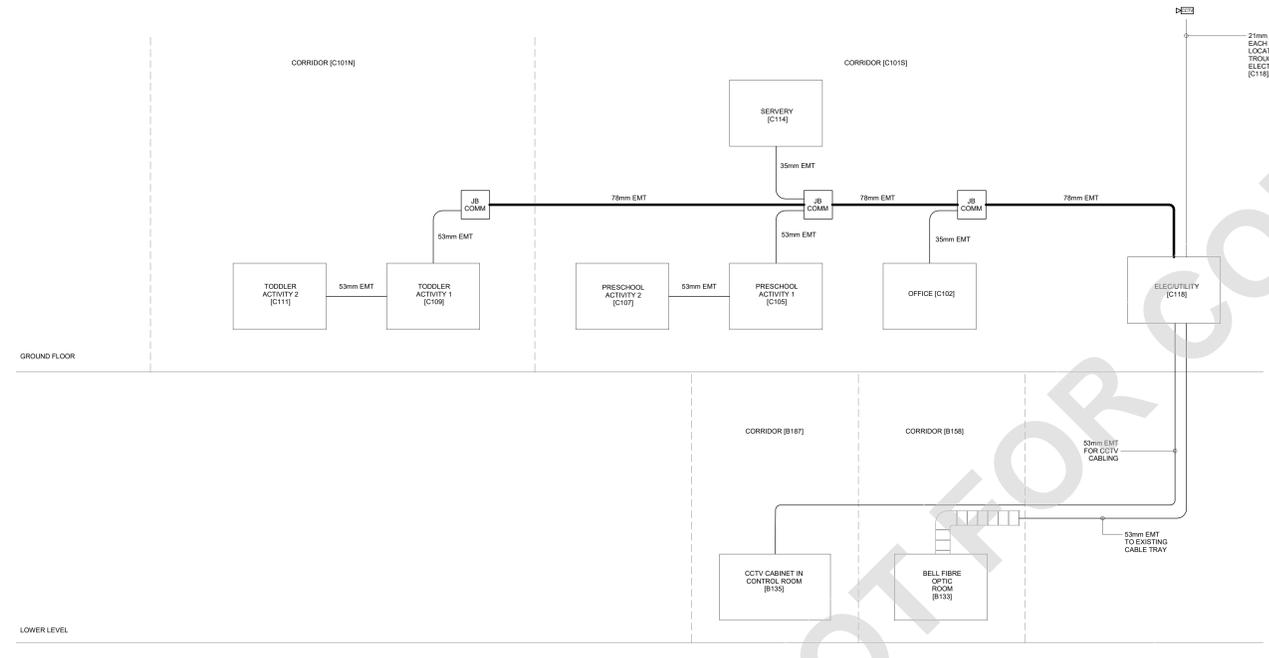


1 ELCC SINGLE LINE DIAGRAM - DEMO
E-501 1:1



2 ELCC SINGLE LINE DIAGRAM - NEW
E-501 1:1

No.	Date	Description
1	2023-03-17	ISSUED FOR 75% DESIGN REVIEW
2	2023-05-02	ISSUED FOR 90% DESIGN REVIEW
3	2023-07-14	ISSUED FOR 95% DESIGN REVIEW
4	2023-08-23	ISSUED FOR APPROVAL
5	2024-02-01	ISSUED FOR TENDER



NOTES

- ALL COMMUNICATIONS CONDUIT SHALL TERMINATE IN DOUBLE-HEIGHT ACCESSIBLE CEILING SPACE.
- EXACT CONDUIT ROUTING TO BE COORDINATED ON SITE.

3 COMMUNICATIONS CONDUIT RISER DIAGRAM
E-501 NTS

BIM 360/021918/IMP/ACC-RE/21/11/16/ELEC-HD-Submittal/RS1.dwg

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TORONTO
Metro Hall Fire Station & Early Years Child Care Centre Renovation
55 John Street
Toronto, ON M5V 3C6
2021-0245

ELECTRICAL RISERS & SCHEMATICS
As Indicated
E-501

PANEL: PP-2CCK
LOCATION: ELECTRICAL UTILITY C118
MOUNTING: Surface
FED FROM: Surface

VOLTS: 120/208 Vrms
PHASES: 3
WIRES: 4

A.I.C. RATING: MANS TYPE: MAINS RATING: 200 A

OUT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	OUT
1	DISHWASHER - SERVRY	30 A	3	1.0 kVA	0.2 kVA			1	20 A MICROWAVE	2
3	VESTRIBL 01 LADO	20 A	1	1.0 kVA	1.0 kVA			2	40 A COOKTOP & OVEN	4
5	OFFICE PHOTO COPY	20 A	1	1.0 kVA	0.6 kVA			1	20 A	6
7	FREEZER	20 A	1	0.2 kVA	0.2 kVA			1	20 A FROGE	8
9	SERVEY COUNTER RECEPT.	20 A	1	0.2 kVA	0.2 kVA			1	20 A SERVERY COUNTER	10
11	SERVEY RECEPT.	20 A	1	0.2 kVA	0.2 kVA			1	20 A SERVERY COUNTER	12
13	EQ 4 RANGE HOOD EXHAUST	15 A	1	1.3 kVA						14
15										16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42
43										44
45										46
47										48
49										50
51										52
53										54
55										56
57										58
59										60
TOTAL LOAD:				2.8 kVA	2.4 kVA	1.4 kVA	TOTAL LOAD			
TOTAL AMPS:				25 A	21 A	12 A	TOTAL AMPS			

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
Misc	4.2 kVA	50.00%	2.1 kVA	TOTAL CONN. LOAD: 6.6 kVA
Power	2.40 kVA	70.00%	1.68 kVA	TOTAL EST. DEMAND: 3.8 kVA
				TOTAL CONN.: 19 A
				TOTAL EST. DEMAND: 11 A

NOTES:

PANEL: PP-2CCA
LOCATION: ELECTRICAL UTILITY C118
MOUNTING: Surface
FED FROM: Surface

VOLTS: 120/208 Vrms
PHASES: 3
WIRES: 4

A.I.C. RATING: MANS TYPE: MAINS RATING: 400 A

OUT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	OUT
1	UNIVERSAL WASHROOM ADD	20 A	1	0.2 kVA	0.2 kVA			1	20 A EXTERIOR DOOR ADD	2
3	VESTRIBL 01 LADO	20 A	1	0.2 kVA	0.2 kVA			1	20 A INFANT VESTIBL ADD	4
5	OFFICE PHOTO COPY	20 A	1	1.0 kVA	0.6 kVA			1	15 A OFFICE DESK RECEPTS	6
7	UNIVERSAL WASHROOM ACT	20 A	1	0.2 kVA	0.2 kVA			1	20 A PRESCHOOL ACT 1 MICRO	8
9	PRESCHOOL ACT 1 GFI	20 A	1	0.2 kVA	0.2 kVA			1	20 A PRESCHOOL ACT 1 GFI	10
11	PRESCHOOL ACT 1 RF	15 A	1	0.2 kVA	0.2 kVA			1	20 A PRESCHOOL ACT 2 GFI	12
13	PRESCHOOL ACT 1 GFI	20 A	1	0.2 kVA	0.2 kVA			1	20 A PRESCHOOL ACT 2 MICRO	14
15	PRESCHOOL ACT 2 RF	15 A	1	0.2 kVA	0.2 kVA			1	20 A INFANT ACTIVITY GFI	16
17	INFANT ACT - MICROWAVE	20 A	1	0.2 kVA	0.4 kVA			1	20 A LAUNDRY & TOY WASH GFI	18
19	EXTERIOR GFI	20 A	1	0.2 kVA	0.2 kVA			1	20 A EXTERIOR GFI	20
21	EXTERIOR GFI	20 A	1	0.2 kVA	0.2 kVA			1	20 A ELEC RM GFI	22
23	ELEC RM RECEPT	15 A	1	0.2 kVA	0.2 kVA			1	15 A ELEC RM TWIST LOCK	24
25	ELEC RM DIRECT CON	15 A	1	0.2 kVA	0.4 kVA			1	20 A MEETING RM RECEPTS	26
27	MEETING RM GFI	20 A	1	0.2 kVA	0.4 kVA			1	15 A PRESCHOOL ACT RECEPTS	28
29	EFA	15 A	1	2.9 kVA	0.4 kVA			1	15 A PRESCHOOL WASH	30
31	PRESCHOOL WASH	15 A	1	0.2 kVA	0.4 kVA			1	15 A INFANT SLEEP RECEPTS	32
33	INFANT RECEPTS	15 A	1	0.6 kVA	0.2 kVA			1	15 A INFANT WASH FUTURE	34
35	JUNCTION BOX - WV	20 A	1	0.5 kVA	0.2 kVA			1	15 A INFANT ACT RF	36
37	VESTRIBL 01 RECEPT	15 A	1	0.4 kVA	0.4 kVA			1	15 A CORRIDOR RECEPTS	38
39	TODDLER ACT RECEPTS	15 A	1	0.4 kVA	0.4 kVA			1	20 A TODDLER WASH GFI	40
41	TODDLER ACT RF	15 A	1	0.2 kVA	0.2 kVA			1	15 A TODDLER ACT RF	42
43	VAV POWER	20 A	1	0.0 kVA	0.0 kVA			1	15 A VAV POWER	44
45	JANITOR GFI	20 A	1	0.2 kVA	0.6 kVA			1	15 A CORRIDOR RECEPTS	46
47	Power	20 A	1	0.0 kVA	0.2 kVA			1	15 A WASH RECEPT	48
49	Spine	20 A	1	0.0 kVA	1.3 kVA			2	30 A DRYER RECEPT	50
51	EFA DRYER BOOSTER FAN	20 A	1	1.3 kVA	1.3 kVA					52
53	TODDLER ACT 1	20 A	1	0.2 kVA	0.2 kVA			0.2 kVA	3.8 kVA	54
55	STAFF ROOM GFI	20 A	1	0.2 kVA	0.2 kVA			1	15 A STAFF ROOM RF	56
57	STAFF ROOM RECEPTS	15 A	1	0.4 kVA	0.2 kVA			1	20 A STAFF WASHROOM GFI	58
59	WASHROOM FUTURES	15 A	1	0.4 kVA	0.2 kVA			1	20 A UNIVERSAL WASHROOM GFI	60
61	TODDLER ACT 2	20 A	1	0.2 kVA	0.4 kVA			1	15 A OFFICE RECEPTS	62
63	TRAP PRIMERS	15 A	1	0.6 kVA	0.6 kVA			1	20 A TRAP PRIMERS	64
65	MEZ-MECH LOADS	15 A	1	0.0 kVA	0.4 kVA			1	20 A CONVENIENCE RECEPT	66
67	HAND DRYER - STAFF	20 A	1	0.2 kVA	0.2 kVA			1	20 A HAND DRYER - UNIVERSAL	68
69	ELEVATOR DISK	15 A	1	0.2 kVA	0.2 kVA			1	20 A STAFF ROOM MICROWAVE	70
71	STAFF ROOM TV	15 A	1	0.2 kVA	0.0 kVA			2	30 A MEETING ROOM FLOORBOX	72
73	MEETING ROOM TV	20 A	1	0.2 kVA	1.3 kVA			2	30 A DRYER RECEPT	74
75										76
77										78
79										80
81										82
83										84
TOTAL LOAD:				7.5 kVA	10.6 kVA	12.1 kVA	TOTAL LOAD			
TOTAL AMPS:				63 A	92 A	105 A	TOTAL AMPS			

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
Misc	7.88 kVA	50.00%	3.94 kVA	TOTAL CONN. LOAD: 30.2 kVA
Other	0.00 kVA	0.00%	0.00 kVA	TOTAL EST. DEMAND: 10.2 kVA
Power	22.30 kVA	70.00%	15.61 kVA	TOTAL CONN.: 104 A
				TOTAL EST. DEMAND: 34 A

NOTES:

PANEL: LP-2CCB
LOCATION: ELECTRICAL UTILITY C118
MOUNTING: Surface
FED FROM: Surface

VOLTS: 120/208 Vrms
PHASES: 3
WIRES: 4

A.I.C. RATING: MANS TYPE: MAINS RATING: 100 A

OUT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	OUT
1	INFANT ACTIVITY LIGHTING	15 A	1	0.3 kVA	0.2 kVA			1	15 A INFANT ACTIVITY LIGHTING	2
3	INFANT SLEEP LIGHTING	15 A	1	0.2 kVA	0.0 kVA			1	15 A INFANT SLEEP LIGHTING	4
5	PRESCHOOL ACT 2 LIGHTING	15 A	1	0.4 kVA	0.7 kVA			0.5 kVA	0.3 kVA	6
7	PRESCHOOL ACT 1 LIGHTING	15 A	1	0.4 kVA	0.7 kVA			0.7 kVA	0.4 kVA	8
9	MEETING OFFICE	15 A	1	0.7 kVA	0.4 kVA			0.4 kVA	0.3 kVA	10
11	TODDLER ACT 2 LIGHTING	15 A	1	0.4 kVA	0.3 kVA			0.4 kVA	0.3 kVA	12
13	CORRIDOR LIGHTING	15 A	1	0.2 kVA	0.4 kVA			0.1 kVA	0.1 kVA	14
15	OUTDOOR STORAGE LTG	20 A	1	0.2 kVA	0.1 kVA			1	20 A Lighting	16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42
43										44
45										46
47										48
49										50
51										52
53										54
55										56
57										58
59										60
TOTAL LOAD:				2.2 kVA	1.5 kVA	1.4 kVA	TOTAL LOAD			
TOTAL AMPS:				19 A	13 A	12 A	TOTAL AMPS			

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
Lighting	1.18 kVA	100.00%	1.18 kVA	TOTAL CONN. LOAD: 5.2 kVA
Other	3.99 kVA	100.00%	3.99 kVA	TOTAL EST. DEMAND: 1.3 kVA
				TOTAL CONN.: 14 A
				TOTAL EST. DEMAND: 4 A

NOTES:

PANEL: RP-GXRA
LOCATION: ELECTRICAL UTILITY C118
MOUNTING: Surface
FED FROM: Surface

VOLTS: 120/208 Vrms
PHASES: 3
WIRES: 4

A.I.C. RATING: MANS TYPE: MAINS RATING: 100 A

OUT	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	OUT
1	EMERGENCY LIGHTING	15 A	1	0.7 kVA	0.6 kVA			1	15 A EMERGENCY LIGHTING	2
3	EXIT SIGNS	15 A	1	0.0 kVA	0.0 kVA			1	15 A BREZZ BAS	4
5										6
7										8
9										10
11										12
13										14
15										16
17										18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42
43										44
45										46
47										48
49										50
51										52
53										54
55										56
57										58
59										60
TOTAL LOAD:				1.3 kVA	0.0 kVA	0.0 kVA	TOTAL LOAD			
TOTAL AMPS:				11 A	0 A	0 A	TOTAL AMPS			

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
Lighting	0.60 kVA	100.00%	0.60 kVA	TOTAL CONN. LOAD: 1.3 kVA
Other	0.74 kVA	100.00%	0.74 kVA	TOTAL EST. DEMAND: 1.3 kVA
				TOTAL CONN.: 14 A
				TOTAL EST. DEMAND: 4 A

NOTES:

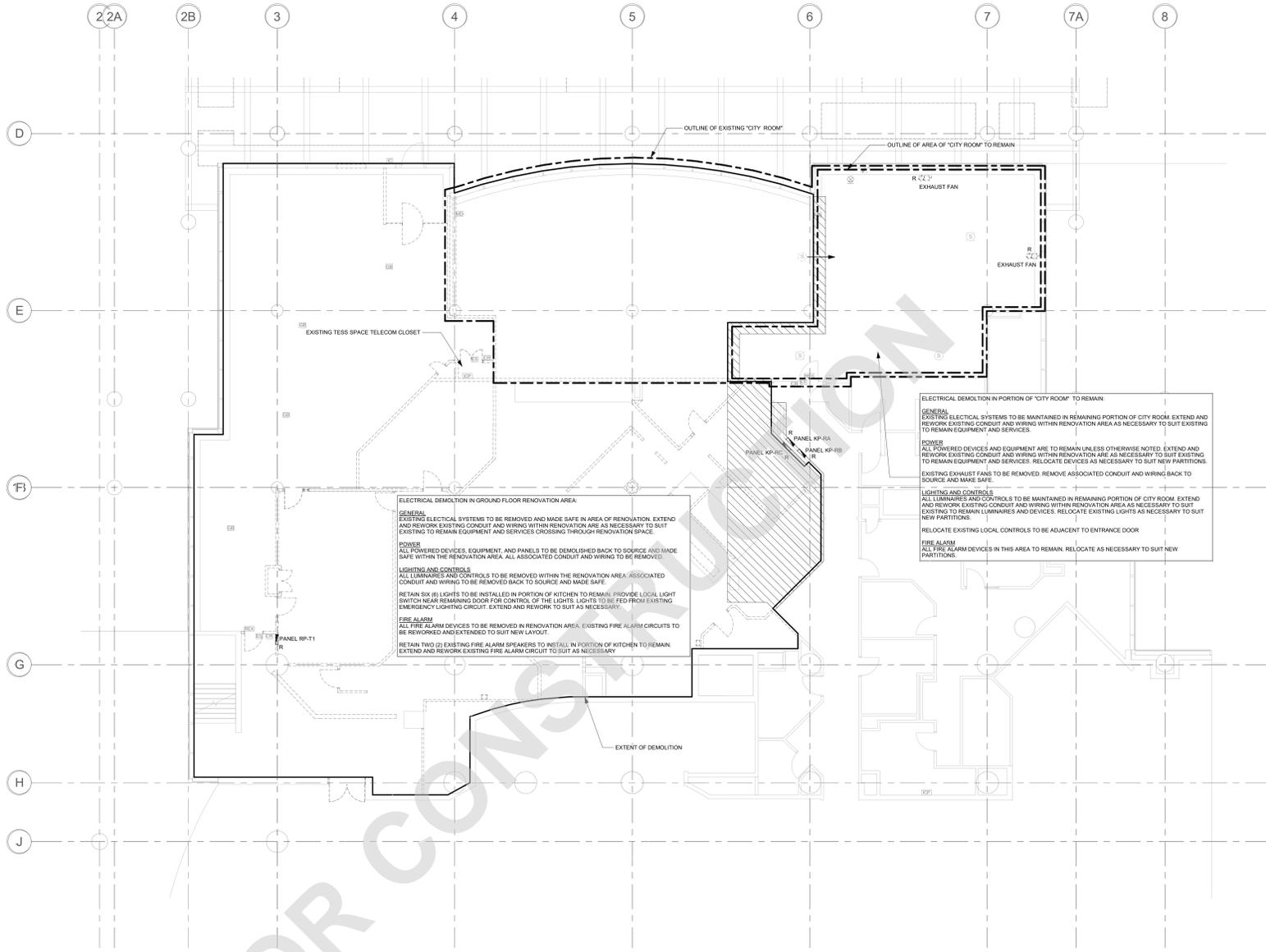
No.	Date	Description
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2	2023-09-02	ISSUED FOR 90% DESIGN REVIEW
3	2023-07-14	ISSUED FOR 95% DESIGN REVIEW
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5	2024-02-01	ISSUED FOR TENDER

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1 LEVEL 1 ELECTRICAL DEMOLITION PLAN
 ED-201 1:100

No.	Date	Description	ISSUED
1	2022-09-23	ISSUED FOR CLASS D COSTING	
2	2023-03-17	ISSUED FOR 50% DESIGN REVIEW	
3	2023-05-02	ISSUED FOR 90% DESIGN REVIEW	
4	2023-07-14	ISSUED FOR 90% DESIGN REVIEW	
5	2023-08-23	ISSUED FOR APPROVAL	
6	2024-02-01	ISSUED FOR TENDER	

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BM 380 0210198LAMPDCC-RE-201-113-6-EEC-HD-041019-02-1.dwg

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AV LEGEND	EXISTING DEVICES ARE TONED
	INPUT/OUTPUT DEVICE (WALL MOUNTED) - X GANG SIZE, XX TYPE
	INPUT/OUTPUT DEVICE (FURNITURE MOUNTED) - X GANG SIZE, XX TYPE
	INPUT/OUTPUT DEVICE (FLOOR BOX MOUNTED) - X GANG SIZE, XX TYPE
	CEILING SPEAKER - X P - PENDANT, R - RECESSED, S - SURFACE, XX TYPE
	WALL SPEAKER - X R - RECESSED, S - SURFACE, XX TYPE
	CEILING MICROPHONE - X P - PENDANT, R - RECESSED, S - SURFACE, XX TYPE
	TABLE MICROPHONE - X R - RECESSED, S - SURFACE, XX TYPE
	USER INTERFACE (WALL MOUNTED) - X GANG SIZE, XX TYPE
	USER INTERFACE (FURNITURE MOUNTED) - XX TYPE
	PROJECTOR (CEILING MOUNTED) - X TYPE
	PROJECTOR (WALL/FURNITURE MOUNTED) - X TYPE
	CAMERA (CEILING MOUNTED) - X TYPE 1, XX TYPE 2
	CAMERA (WALL MOUNTED) - X TYPE 1, XX TYPE 2
	DISPLAY (CEILING MOUNTED) - X TYPE 1, XX TYPE 2
	DISPLAY (WALL MOUNTED) - X TYPE 1, XX TYPE 2
	PROJECTION SCREEN (CEILING MOUNTED) - R - RECESSED, S - SURFACE, XX TYPE
	PROJECTION SCREEN (WALL MOUNTED) - XX TYPE
	ANTENNA (CEILING MOUNTED) - X TYPE
	ANTENNA (WALL MOUNTED) - X TYPE
	AV RACK (FLOOR MOUNTED) - XX TYPE
	AV RACK (WALL MOUNTED) - XX TYPE
	CONTROL DEVICE (CEILING MOUNTED) - X TYPE 1, XX TYPE 2
	CONTROL DEVICE (WALL MOUNTED) - X TYPE 1, XX TYPE 2

GENERAL NOTES:

1. DEVICE LOCATIONS INDICATED ON DRAWINGS ARE APPROXIMATE. COORDINATE FINAL INSTALLATION LOCATIONS AND DETAILS WITH THE ARCHITECT. REFER TO ARCHITECTURAL, ELECTRICAL & COMMUNICATIONS DRAWINGS AND REVIEW SITE CONDITIONS FOR INSTALLATION REQUIREMENTS. COORDINATE FINAL DEVICE LOCATIONS TO SUIT SITE CONDITIONS.
2. ARCHITECTURAL PLAN DRAWING BACKGROUNDS ARE FOR REFERENCE ONLY. REFER TO PROJECT ARCHITECTURAL DRAWINGS AND SITE CONDITIONS, SITE MEASURE FOR EXACT DIMENSIONS AND INSTALLATION REQUIREMENTS.
3. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE AUDIOVISUAL SPECIFICATIONS.
4. PROVIDE ALL REQUIRED CUTTING, BORING, PATCHING AND FINISHING NECESSARY TO PROVIDE A COMPLETE INSTALLATION. PROVIDE ALL MOUNTS, BACK BOXES, ADAPTERS, FACELATES, BEZELS, TRIM, ETC. UNLESS OTHERWISE NOTED.
5. ALL SLAB AND WALL PENETRATIONS TO BE FIRE STOPPED AS REQUIRED TO MAINTAIN FIRE RATING OF SLAB OR WALL. FIRE STOPPING MATERIAL SHALL BE A TYPE THAT WILL ALLOW ADDITIONAL CABLES TO BE INSTALLED IN THE FUTURE.
6. PROVIDE COMPLETE SHOP DRAWINGS AND DETAILS FOR ALL PROPOSED INSTALLATIONS. OBTAIN ARCHITECT'S APPROVAL FOR ALL INSTALLATIONS.
7. COORDINATE ALL INSTALLATIONS AND WORK. OBTAIN ALL NECESSARY APPROVALS AND PERMITS.
8. PROVIDE ALL INSTALLATIONS IN COMPLIANCE WITH APPLICABLE CODES AND SITE INSTALLATION STANDARDS AND GUIDELINES.
9. USE PLENUM RATED FTB CABLE WHERE REQUIRED BY CODE.
10. PROVIDE ALL DEVICES AND INSTALLATIONS WITH A COLOR AND FINISH TO MATCH THE INSTALLATION LOCATION. OBTAIN ARCHITECT'S APPROVAL FOR ALL INSTALLATION OF DEVICES AND COMPONENTS.
11. ALL AV CABLES TO HAVE TYPE IDENTIFICATION LABELS AT BOTH ENDS MATCHING CABLE SCHEDULE AND FUNCTIONAL DIAGRAM USING A ADHESIVE LABELING SYSTEM DESIGNED FOR CABLE IDENTIFICATION.
12. ALL TERMINATION BLOBS AND PATCH PANELS TO HAVE TYPE PRINT DESIGNATION LABELS IN ACCORDANCE WITH APPROVED SCHEDULES.
13. NOTIFY THE ARCHITECT AND CONSULTANT OF ANY DRAWING DISCREPANCIES.
14. DO NOT COPY OR DISTRIBUTE THESE AUDIOVISUAL DRAWINGS. UNAUTHORIZED DISTRIBUTION OF ANY PORTION OF THESE DRAWINGS, ELECTRONIC OR PAPER IS PROHIBITED.

ABBREVIATIONS:

- | | |
|---|---|
| <ul style="list-style-type: none"> AFF - ABOVE FINISHED FLOOR C.G. - CEILING FINISHED/CEILING SFC - BELOW FINISHED/CEILING NC - NOT IN CONTRACT TEMP - TEMPORARY TYP - TYPICAL UNLESS OTHERWISE NOTED OFE - OWNER FURNISHED EQUIPMENT EX - EXISTING TO REMAIN RL - RELOCATE | <ul style="list-style-type: none"> WW - WIREWAY WAP - WIRELESS ACCESS POINT WP - WEATHERPROOF GND - GROUND MM - MULTIMODE SM - SINGLE-MODE FB - FLOOR BOX JB - JUNCTION BOX FB - FLOOR BOX UPS - UNINTERRUPTIBLE POWER SUPPLY |
|---|---|

AV DRAWING LIST	
AV-001	COVER SHEET
AV-101	DAYCARE AUDIO VISUAL LAYOUT
AV-201	AUDIO VISUAL ROOM ENLARGEMENTS
AV-501	FUNCTIONAL DIAGRAM
AV-502	AV RISER
AV-801	DETAILS

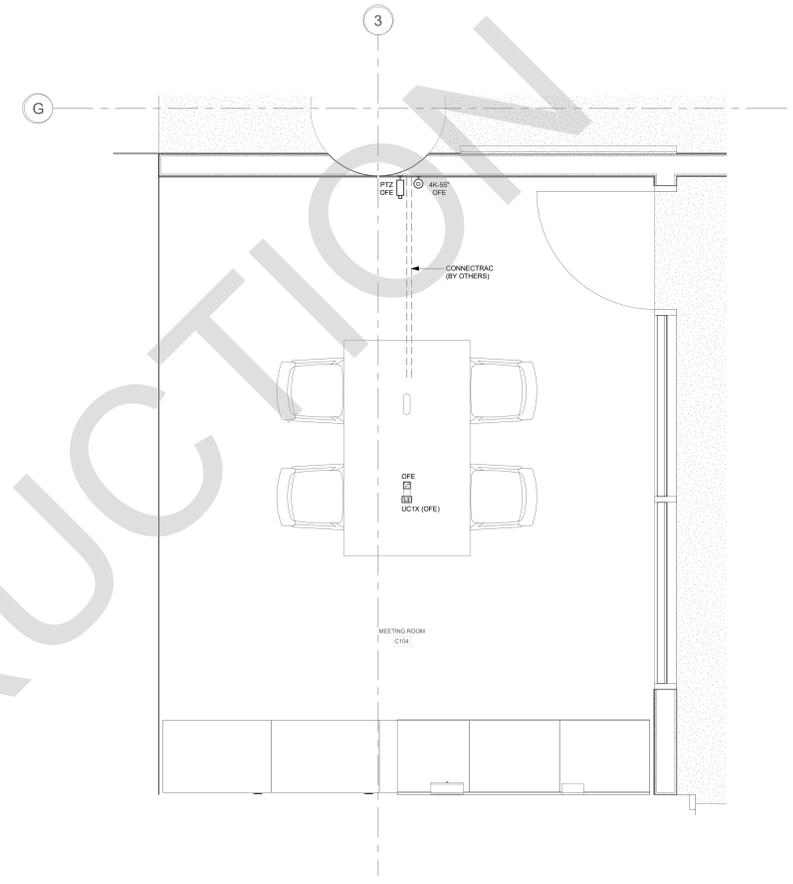
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3	2023-07-14	ISSUED FOR 95% DESIGN REVIEW	
4	2023-08-23	ISSUED FOR APPROVAL	
5	2024-02-01	ISSUED FOR TENDER	

NOT FOR CONSTRUCTION

01/02/2024 12:28:49 PM BIM 360://211918149000-PC-211918149000-ELEC-HID-Drawing/PC-1.rvt

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TORONTO
Metro Hall Fire Station & Early Years Child Care Renovation
55 John Street
Toronto, ON M5V 3C6
2021-0245



1 DC-AV-MEETING ROOM C104
 AV-201 1:20

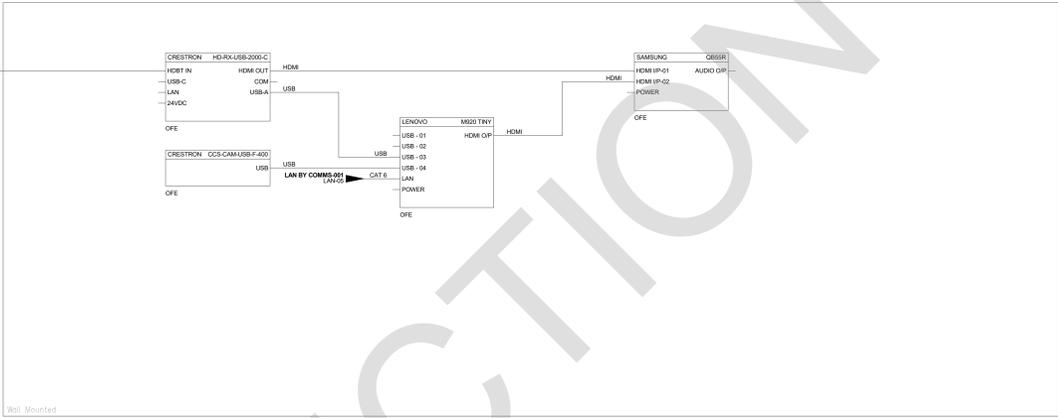
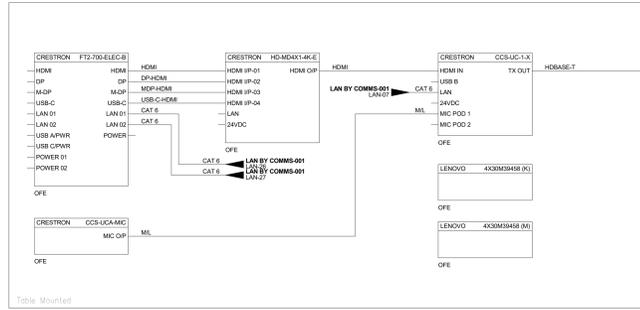
ISSUED

No.	Date	Description
1	2023-03-17	ISSUED FOR 75% DESIGN REVIEW
2	2023-05-01	ISSUED FOR 85% DRAFT DESIGN REVIEW
3	2023-07-14	ISSUED FOR 95% DESIGN REVIEW
4	2023-08-23	ISSUED FOR APPROVAL
5	2024-02-01	ISSUED FOR TENDER

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01/02/2024 12:28:53 PM BIM 360://211918149/DC-PC-211918149-ELEC-HD-04.dwg/PC-211918149-ELEC-HD-04.dwg

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1 AV FUNCTIONAL DIAGRAM MEETING ROOM C104
AV-501 NTS

ISSUED

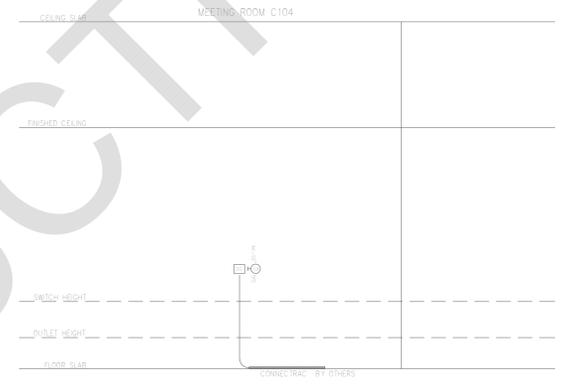
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3	2023-07-14	ISSUED FOR 95% DESIGN REVIEW
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NOTES:
 CONDUIT SIZE TO BE 21mm UNLESS OTHERWISE NOTED.



1 AV RISER
 AV-502 N/A

ISSUED

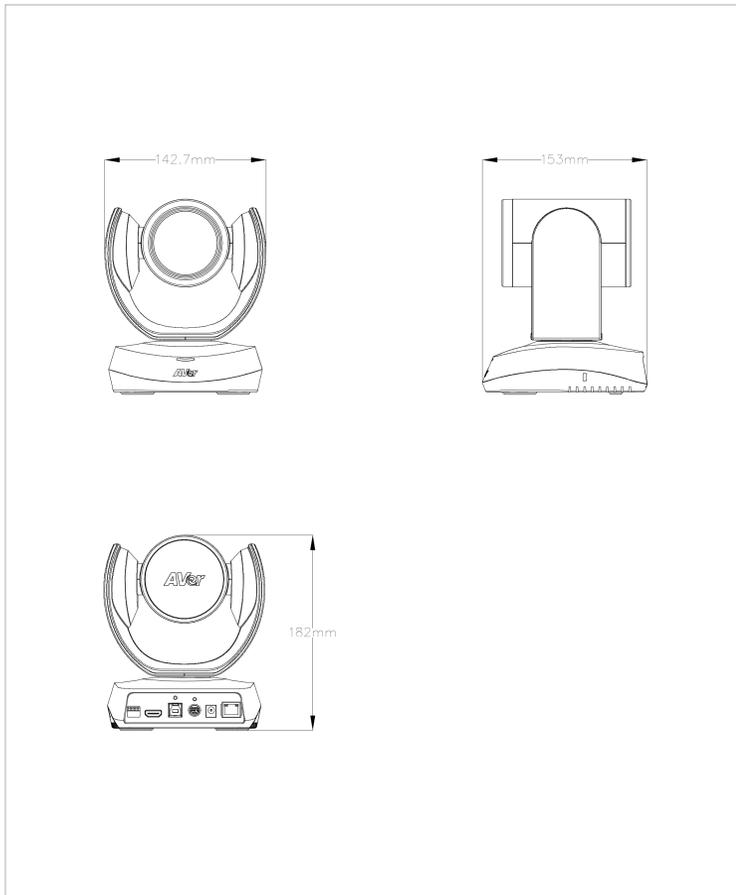
No.	Date	Description
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2	2023-05-01	ISSUED FOR 80% DRAFT DESIGN REVIEW
3	2023-07-14	ISSUED FOR 90% DESIGN REVIEW
4	2023-08-23	ISSUED FOR APPROVAL
5	2024-02-01	ISSUED FOR TENDER

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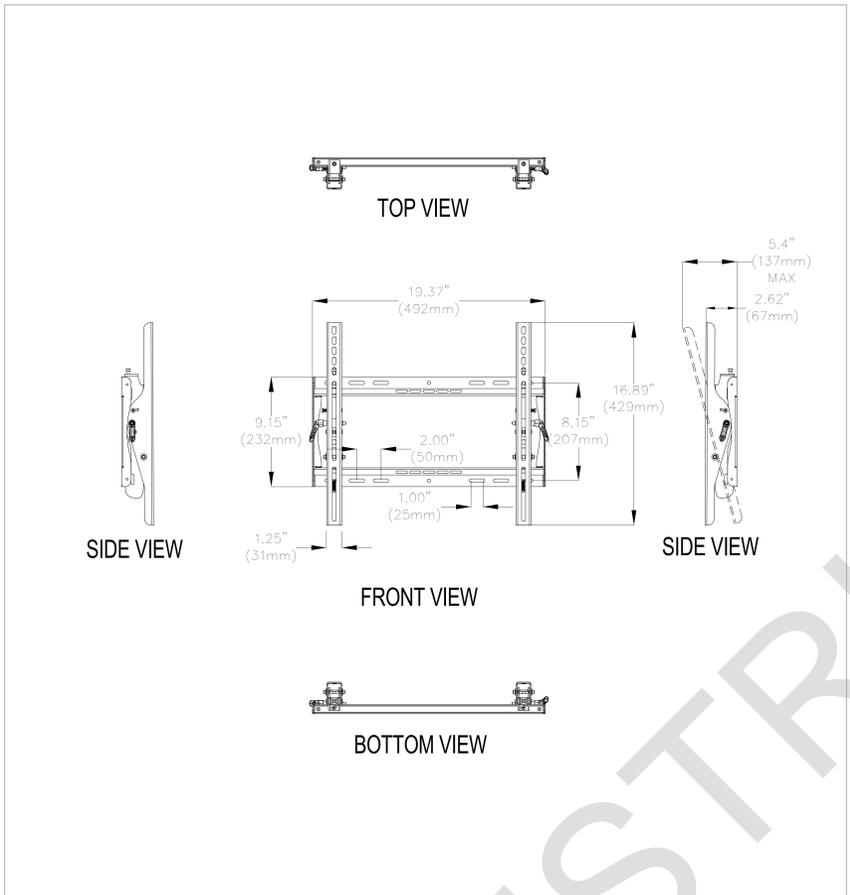
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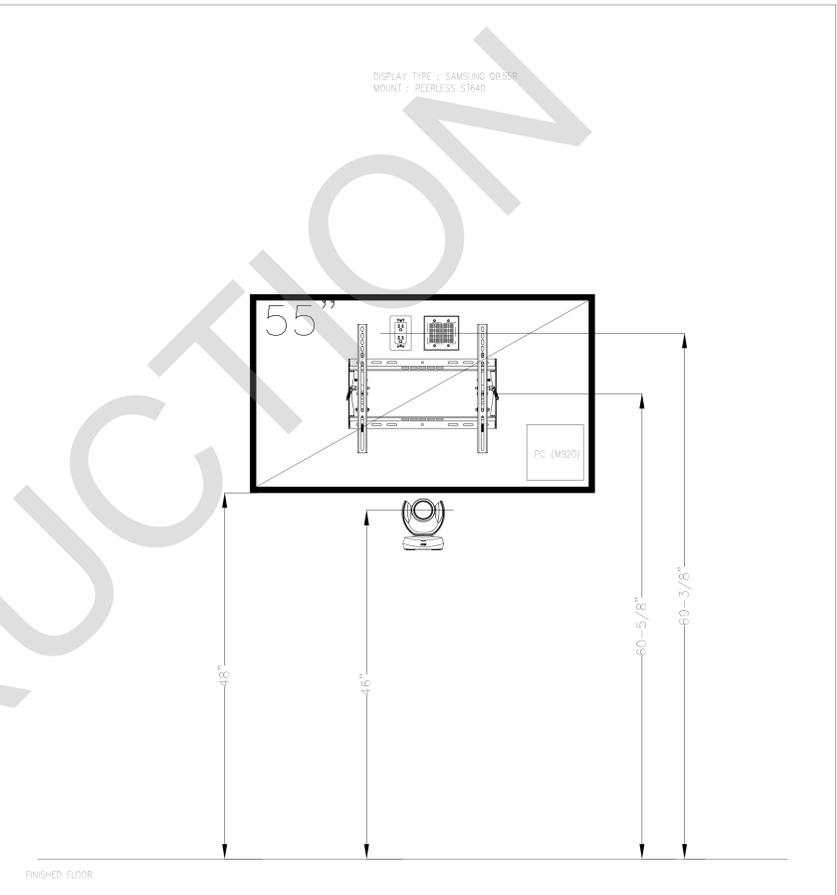
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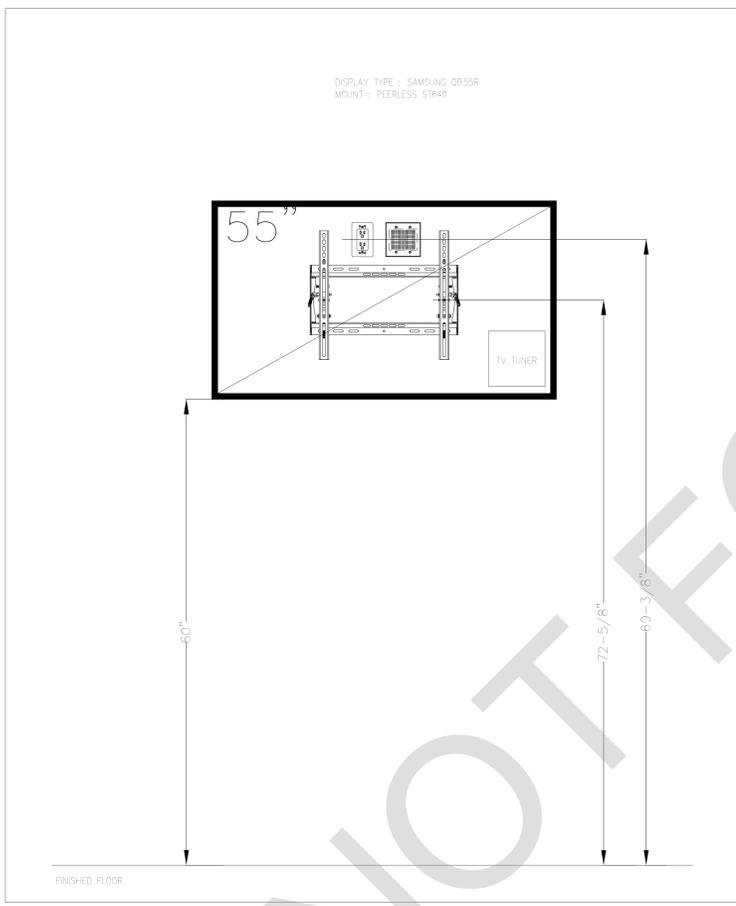
03 AVER CAM520 PRO PTZ CAMERA
AV801 SCALE: N.T.S.



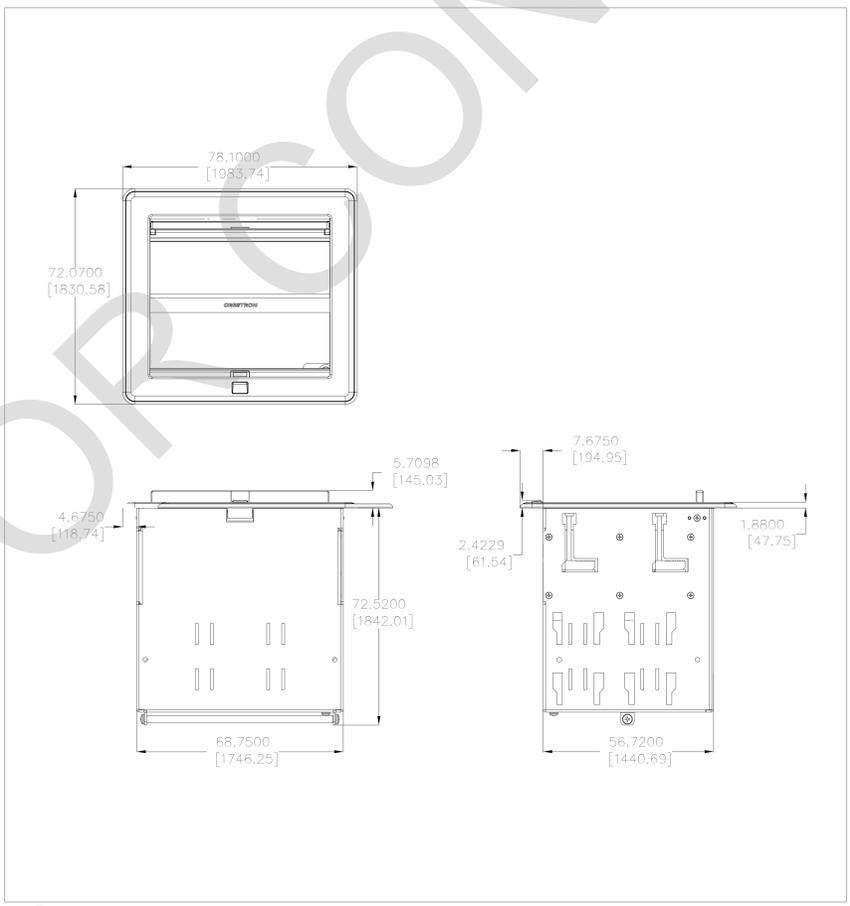
02 PEERLESS ST640 TILTING DISPLAY WALL MOUNT
AV801 SCALE: N.T.S.



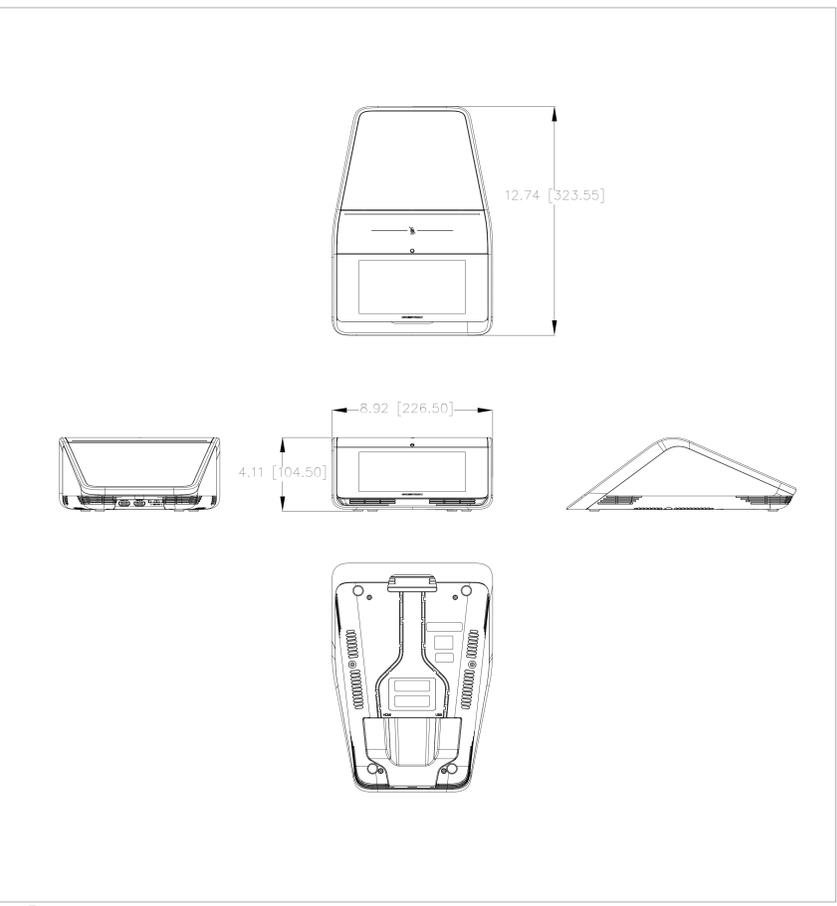
01 MEETING ROOM [56] - ELEVATION
AV801 SCALE: N.T.S.



03 STAFF ROOM [55] - ELEVATION
AV801 SCALE: N.T.S.



05 CRESTRON FT2-700 TABLE MONUMENT
AV801 SCALE: N.T.S.



04 CRESTRON CCS-UC-1-X TABLETOP UC CONSOLE
AV801 SCALE: N.T.S.

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01/20/2024 12:28:51 PM BM:001/21/18/AM/OC-PC/21/18/4/ELEC-HD-04/18/19/PC/1/4

BUILDING SECURITY SYSTEM LEGEND EXISTING DEVICES ARE TONED ARE TONED

DEVICE TAG LEGEND	
PHYSICAL ACCESS CONTROL SYSTEM (PACS)	
PROXIMITY CARD READER (STANDARD) NO TAG + STANDING WALL MOUNT E = ELEVATOR L = INTEGRAL TO LOCK SET X = WIP AND ATTENDANCE PAD T = LONG RANGE READER M = MILLION MOUNT	
WIRELESS ELECTRONIC LOCK G = WIRELESS GUESTROOM LOCK W/ INTEGRAL CARD READER AND DOOR STATUS CONNECTED TO GUESTROOM MANAGEMENT SYSTEM B = WIRELESS BACK OF HOUSE LOCK W/ INTEGRAL CARD READER AND DOOR STATUS CONNECTED TO HOTEL ELECTRONIC ACCESS CONTROL SYSTEM X = WIRELESS LOCK WITH EXIT TRIM AND DOOR STATUS E = WIRELESS GUEST ELEVATOR CARD READER R = WIRELESS GUEST REMOTE CARD READER CW EXTERNAL HARDWARE	
KEYPAD O = OVERRIDE OR DISARM I = INTRUSION SYSTEM KEYPAD	
BIOMETRIC F = FINGERPRINT C = FINGERPRINT W/ INTEGRAL CARD READER H = HAND GEOMETRY	
VIDEO MANAGEMENT SYSTEM (VMS)	
VIDEO SURVEILLANCE MONITOR	
FIXED CAMERA NO TAG = INTERIOR DOME CAMERA (RECESSED) D = DOME CAMERA SURFACE MOUNT E = ELEVATOR MOUNT F = FILE MOUNT F = SOFFIT MOUNT 180/360 = 180/360 PANORAMIC VIEW CAMERA PTZ = PTZ MOUNT H = THERMAL CAMERA IR = INFRARED CAMERA	
PTZ CAMERA NO TAG = INTERIOR PTZ P = FILE MOUNT PTZ H = THERMAL CAMERA	
VIDEO CONTROL KEYBOARD	
RECORDING EQUIPMENT N = NETWORK VIDEO RECORDER D = DIGITAL VIDEO RECORDER (ANALOG) A = AUDIO RECORDER	
ANALOG TO DIGITAL VIDEO ENCODER	
LOCKING DEVICES & ACCESSORIES	
ELECTRONIC LOCK A = WITH INTEGRAL REQUEST TO EXIT SWITCH E = ELECTRIC LATCH RETRACTION L = INTEGRAL HARDWARE L = INTEGRAL TO LOCK SET D = PANIC HARDWARE W/ DELAYED EGRESS M = WITH INTEGRAL LATCH BOLT MONITORING	
ELECTRIC STRIKE M = WITH INTEGRAL LATCH BOLT MONITORING H = HEADERMOUNT STRIKE R = RIM MOUNT	
MAGNETIC LOCK B = MAGNETIC LOCK WITH INTEGRAL BOND SENSOR	
POWER TRANSFER HINGE (BY OTHERS)	
CONTROL OUTPUT RELAY A = AUTO DOOR OPERATOR O = OVERHEAD DOOR T = TURNSTILE V = VEHICLE BARRIER/ROLLUP/GATE E = ELEVATOR CONTROL	
COMMUNICATIONS	
INTERCOM STATION NO TAG = AUDIO SUB STATION M = INTERCOM MASTER STATION V = AUDIO/VIDEO SUB STATION E = DIRECTORY ENTRY PHONE P = PARKING/URGESS ASSISTANCE STATION VM = AUDIO/VIDEO MASTER STATION	
TELEPHONE DIALER D = DIGITAL (VOP) V = VOICE PRK M = 24/7 MONITORING	
TRANSCIVER/COMMUNICATION DEVICE C = WIRELESS CARD READER V = WIRELESS VEHICLE FOR READER L = WIRELESS LOCK SET D = WIRELESS BUZZER BUTTON G = WIRELESS GUESTROOM CARD READER W = WIRED DOOR GATEWAY	
NETWORK SWITCH NO TAG = EDGE SWITCH C = CORE SWITCH	
FIBER OPTIC TRANSCIVER E = VIDEO D = DATA TX = TRANSMITTER RX = RECEIVER	
RF VIDEO DATA TRANSCIVER	

BUILDING SECURITY SYSTEM LEGEND EXISTING DEVICES ARE TONED

SENSORS & INPUT DEVICES	
DOOR POSITION SWITCH NO TAG = STANDARD MAGNETIC L = INTEGRAL TO LOCK SET O = OVERHEAD DOOR T = CABINET TAMPER SWITCH	
PUSH BUTTON D = DIRECT R = REMOTE RELEASE C = CALL A = ALARM ACKNOWLEDGEMENT W = WALL MOUNTED BUZZER	
REQUEST TO EXIT DEVICE M = MOTION SENSOR P = PUSH BUTTON T = TOUCHLESS SENSOR L = INTEGRAL TO LOCK SET K = KEY SWITCH	
MOTION DETECTOR NO TAG = INFRARED IR = INFRARED D = DUAL TECHNOLOGY U = ULTRASONIC S = BURIED INTRUSION B = BURIED INTRUSION	
GLASS BREAK SENSOR	
INTRUSION DETECTION DEVICE F = FENCE MOUNTED FIBER OPTIC B = BURIED CANAL CABLE P = PHOTO BEAM SENSOR	
MONITORING SENSOR B = TEMPERATURE W = WATER L = LATCH H = HUMIDITY S = SMOKE P = PARKING BARRIER POSITION	
MANUALLY OPERATED KEY SWITCH	
ADDRESSABLE FIRE ALARM RELEASE RELAY	
MANUAL PULL STATION CW AUXILIARY CONTACT (BY OTHERS)	
COMPUTER & PERIPHERAL COMPONENTS	
SERVER COMPUTATION A = PHYSICAL ACCESS CONTROL I = INTERCOM EXCHANGE F = FRONT OF HOUSE DOOR LOCKING	
MONITORING WORKSTATION A = PHYSICAL ACCESS CONTROL V = VIDEO MANAGEMENT R = VISITOR REGISTRATION/KIOSK G = GUARD TOUR B = BAGGING	
FRONT MOUNTED KVM SWITCH WITH INTEGRAL KEYBOARD, MOUSE AND LCD SCREEN	
PRINTER A = SLUSH REPORT C = CARDING V = VISITOR BADGE	
ENCODER DEVICE NO TAG = KEY CARD ENCODER B = BIOMETRIC EMPLOYMENT	
BARRIERS & VEHICLE CONTROLS	
TURNSTILE F = FULL HEIGHT O = OPTICAL	
VEHICLE CONTROL BARRIER NO TAG = PARKING ARM B = RESING ROLLING S = SLIDING GATE W/ WEDGE O = OVERHEAD GRILLE/SHUTTER	
PARKING CONTROL DEVICE W = WIRELESS RECEIVER T = TICKET DISPENSER F = PAY ON FOOT STATION P = PAY ON LANE STATION L = LOT FULL SIGNAGE	
VEHICLE SENSOR NO TAG = INDUCTION LOOP B = BEAM DETECTOR	
MISCELLANEOUS SECURITY COMPONENTS	
SCREENING DEVICE IR = METAL DETECTOR T = TAG SENSOR (EAS) H = HANDS X-RAY C = CARGO/MAIL X-RAY L = LUGGAGE X-RAY	
INTELLIGENT CONTROL PANEL CW ALL NECESSARY POWER SUPPLIES NO TAG = PAGES V = VOICE INTERCOM N = NETWORK CONTROLLERS P = PARKING	
REMOTE FIELD PANEL NO TAG = PAGES F = FENCE DETECTION	
POWER SUPPLY L = ELECTRIC LOCK M = MAGNETIC LOCK/FAL SAFE P = PANEL C = CAMERA I = INTERCOM A = AUXILIARY DEVICES	
AUDIBLE/VISIBLE ALARM DEVICE NO TAG = LOCAL AUDIBLE ALARM B = BUZZER S = SPEAKER C = CHIME V = AUDIBLE VIBROBELL	
VISUAL ALARM DEVICE NO TAG = STROBE LIGHT L = LED INDICATOR (IN CUSTOM ENCLOSURE OR FACE PLATE)	
20min FIRE RATED FLYWOOD	
AUTOMATIC DOOR OPERATOR WITH BARRIER-FREE PUSH BUTTONS (BY OTHERS)	

GENERAL NOTES

- SECURITY DEVICE LOCATIONS INDICATED ON DRAWINGS ARE APPROXIMATE. COORDINATE FINAL INSTALLATION LOCATIONS AND DETAILS WITH THE ARCHITECT. REFER TO ARCHITECTURAL DRAWINGS AND REVIEW SITE CONDITIONS FOR INSTALLATION REQUIREMENTS. ALL DETAILS SHOWN SHALL BE ADAPTED AS REQUIRED TO SUIT THE SITE CONDITIONS AND THE SPECIFIC APPLICATION.
- ARCHITECTURAL PLAN DRAWING BACKGROUNDS ARE FOR REFERENCE ONLY. REFER TO PROJECT ARCHITECTURAL DRAWINGS AND SITE CONDITIONS. SITE MEASURE FOR EXACT DIMENSIONS AND INSTALLATION REQUIREMENTS.
- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE BSS SPECIFICATIONS.
- PROVIDE ALL REQUIRED CUTTING, BORING, PATCHING AND FINISHING NECESSARY TO PROVIDE A COMPLETE INSTALLATION. PROVIDE ALL MOUNTS, BACK BOXES, ADAPTERS, FACEPLATES, BEZELS, TRIM, ETC. UNLESS OTHERWISE NOTED.
- PROVIDE COMPLETE SHOP DRAWINGS AND DETAILS FOR ALL PROPOSED INSTALLATIONS. OBTAIN ARCHITECT'S APPROVAL FOR ALL INSTALLATIONS.
- COORDINATE ALL INSTALLATIONS AND WORK. OBTAIN ALL NECESSARY APPROVALS AND PERMITS.
- PROVIDE ALL INSTALLATIONS IN COMPLIANCE WITH APPLICABLE CODES AND SITE INSTALLATION STANDARDS AND GUIDELINES.
- PROVIDE ALL DEVICES AND INSTALLATIONS WITH A COLOR AND FINISH TO MATCH THE INSTALLATION LOCATION. OBTAIN ARCHITECT'S APPROVAL FOR ALL INSTALLATION OF DEVICES AND COMPONENTS.
- NOTIFY THE ARCHITECT AND CONSULTANT OF ANY DRAWING DISCREPANCIES.
- ALL SECURITY SYSTEM CABLES SHALL BE INSTALLED WITHIN DEDICATED CONDUIT. PROVIDE ALL CONDUIT SLEEVES FOR SECURITY SYSTEM CABLES.
- CONDUIT SIZES INDICATED ON THE DRAWINGS AND RENE RUN SIZES SHOWN ON DETAIL SHEETS ARE TO BE CONSIDERED THE MINIMUM SIZE TO BE INSTALLED. PROVIDE LARGER SIZES AS NECESSARY. CONDUIT SIZES INDICATED IN THESE DRAWINGS ARE HOME RUNS, BUT MAY BE COMBINED WITH OTHER LOCATIONS BY SYSTEM TYPE, CTV, PAGES, SIGNS, ETC. AS PER MANUFACTURER REQUIREMENTS. MAINTAIN PROVIDED LARGER CONDUIT SIZES FOR COMBINED DEVICE HOME RUNS.
- UNLESS NOTED OTHERWISE, ALL CONDUIT AND BACKBOXES SHALL BE INSTALLED CONCEALED WITHIN WALLS AND ABOVE FINISHED CEILING. OBTAIN APPROVAL FOR ANY PROPOSED INSTALLATION OF EXPOSED OR SURFACE MOUNTED DEVICES, ETC.
- SECURITY WIRING, CONDUIT AND JUNCTION BOXES SHALL BE INSTALLED ON THE SECURE SIDE OF DOOR (INSIDE SECURE SPACE).
- REFER TO THE BUILDING ELECTRICAL DRAWINGS FOR THE ELECTRICAL DISTRIBUTION PANEL AND POWER SUPPLY DETAILS.
- DO NOT COPY OR DISTRIBUTE THESE SECURITY DRAWINGS. UNAUTHORIZED DISTRIBUTION OF ANY PORTION OF THESE DRAWINGS, ELECTRONIC OR PAPER, IS PROHIBITED.

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
CLG	CEILING
NC	NOT IN CONTRACT
PB	PULLBOX
R	REMOVE (REMOVE)
RP	RELOCATED POSITION
TEMP	TEMPORARY
TYP	TYPICAL
UN	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
WP	WEATHER PROOF

RESPONSIBILITY MATRIX

SYSTEM	ACCESS CONTROL	BIOMETRIC SYSTEM	GUESTROOM ACCESS	VIDEO MANAGEMENT	INTERCOM	DOOR HARDWARE
ROUGH-IN & CONDUIT	ELEC	NA	ELEC	ELEC	ELEC	ELEEDOOR
CABLEING & TERMINATION	SEC	NA	CBL	CBL	SEC	DOOR/SEC
FIELD DEVICE INSTALLATION & TERMINATION	SEC	NA	SEC	SEC	SEC	DOOR/SEC
PROGRAMMING	SEC	NA	SEC	SEC	NA	NA
COMMISSIONING & TESTING	SEC	NA	SEC	SEC	NA	DOOR/SEC

ELEC = ELECTRICAL CONTRACTOR (DIV. 26)
 CBL = STRUCTURED CABLEING CONTRACTOR (DIV. 27)
 SEC = SECURITY CONTRACTOR (DIV. 28)
 DOOR = DOOR HARDWARE CONTRACTOR (DIV. 8)

DRAWING ANNOTATION

	REFER TO DRAWING NOTE NUMBER
	DENOTES EXISTING DEVICE(S). WIRING OR CONDUIT TO BE REMOVED?
	DENOTES MATCHLINE
	DENOTES CROSS SECTION DETAIL CALL OUT
	DENOTES DETAIL CALL OUT

SECURITY DRAWING LIST

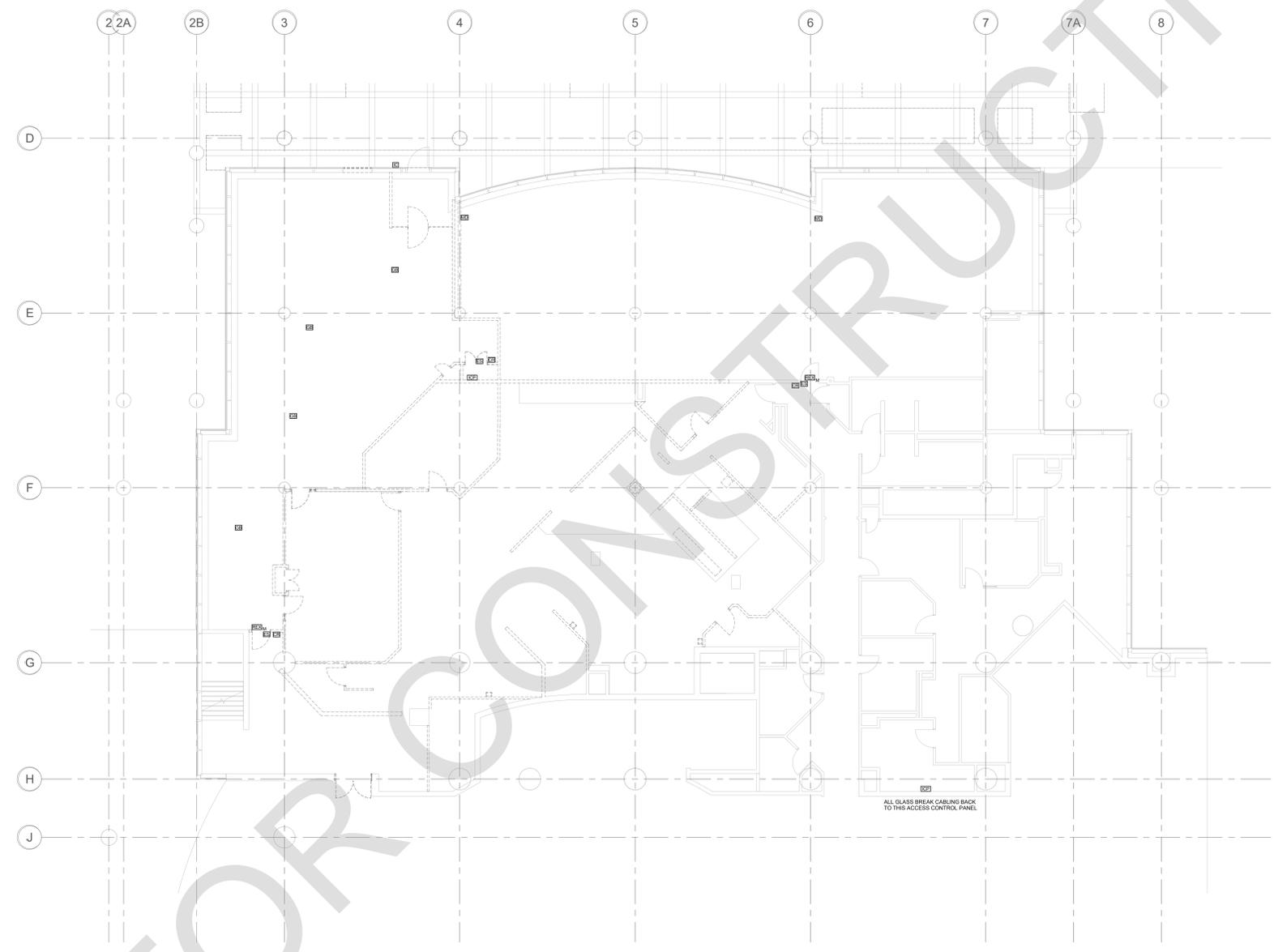
SD-001	COVER SHEET
SD-101A	DAYCARE DEMOLITION LAYOUT
SD-101B	DAYCARE SECURITY LAYOUT
SD-301	DETAILS

No.	Date	Description
1	2023-03-17	ISSUED FOR 75% DESIGN REVIEW
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NOTE:
1. ALL DEVICES ON THIS DRAWING SHALL BE REMOVED AND HANDED OVER TO THE CLIENT.
2. ACCESS CONTROL PANEL LOCATED IN THE DEMOLITION SPACE SHALL BE REMOVED AND HANDED OVER TO THE CLIENT.
3. ALL CABLING SHALL BE COMPLETELY REMOVED.

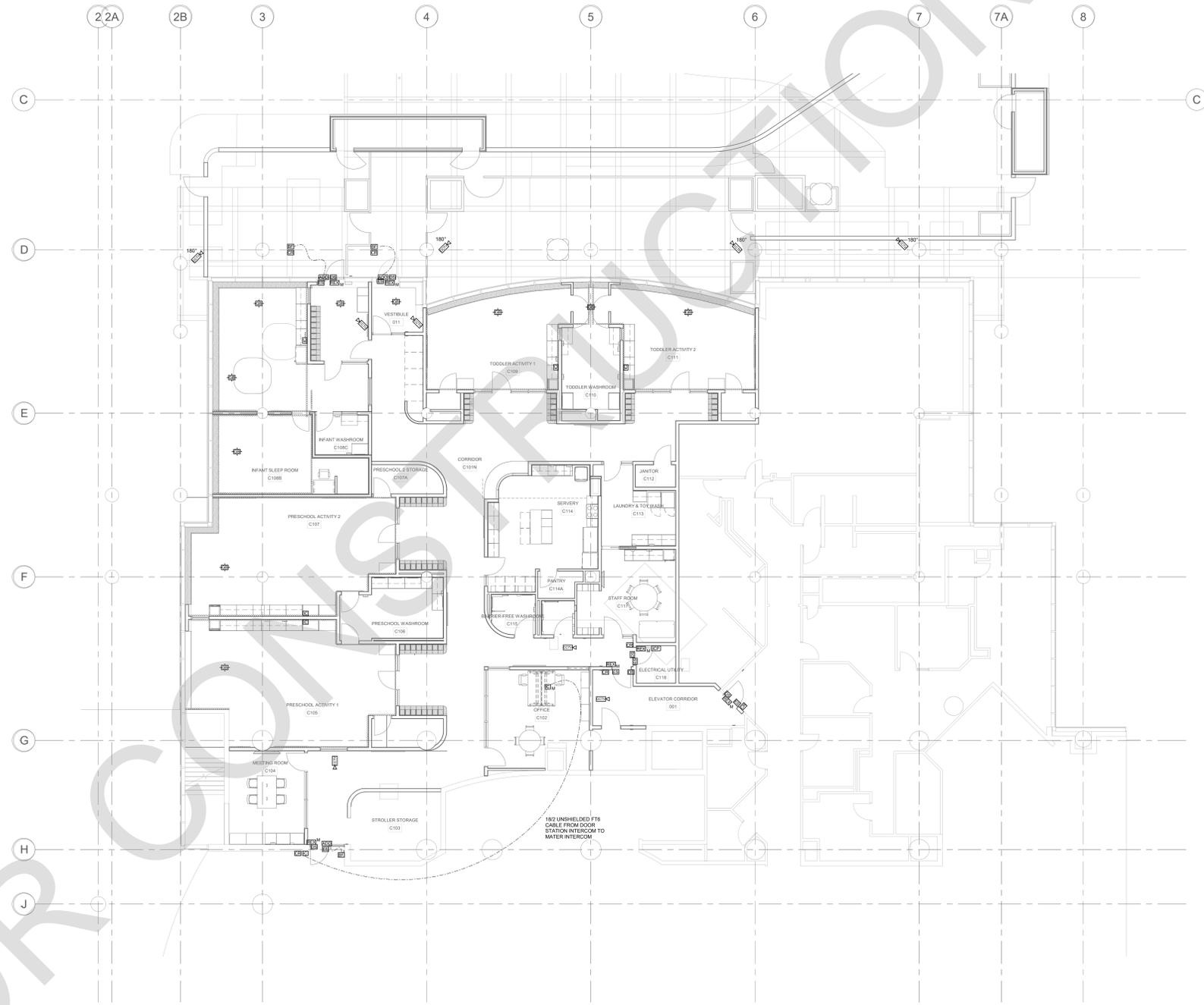


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DOOR LEGEND & MATERIALS

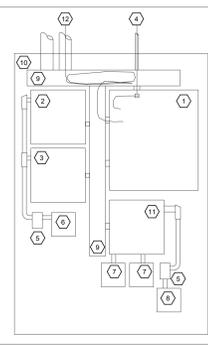
1 SECURITY JUNCTION BOX ON SECURE SIDE OF DOOR (BY ELECTRICAL)	10 OVER HEAD DOOR POSITION SENSOR WITH FLEXIBLE ARMOR CONDUIT	LINE TYPES LEGEND
2 MAGNETIC LOCK	11 AUTOMATIC DOOR OPERATOR PUSHBUTTON (BY DOOR HARDWARE)	
3 PROXIMITY CARD READER	12 GUESTROOM WIRELESS LOCKSET W/ INTEGRATED CARD READER AND DOOR POSITION SWITCH	
4 DOUBLE GANG BACK BOX W/ SINGLE GANG TRIM PLATE (BY ELECTRICAL)	13 WIRELESS LOCK GATEWAY	
5 RECESSED DOOR POSITION SWITCH	14 PANIC BAR	
6 ELECTRIC STRIKE	15 RETRACTABLE LATCH	
7 POWER TRANSFER HINGE	16 FGH REMOTE CARD READER BEHIND DECORATIVE PLATE	
8 REQUEST TO EXIT MOTION DETECTOR	17 ELECTRIC MORTISE LOCK W/ INTEGRATED REQUEST TO EXIT	
9 REQUEST TO EXIT PUSH BUTTON	18 WIRELESS LOCK SET WITH INTEGRATED CARD READER, DOOR SWITCH, AND REQUEST TO EXIT	
10 AUTO DOOR OPERATOR EQUIPMENT (BY DOOR HARDWARE)	19 INTERCOM	
11 CONCEALED LATCHING DURESS BUTTON	20 ELECTRIFIED PANIC W/ INTEGRATED REQUEST TO EXIT	
12 SINGLE GANG LATCHING DURESS	21 WIRED LOCK GATEWAY	
13 MANUAL FIRE ALARM PULL STATION C/W AUXILIARY CONTACTS (BY FIRE ALARM CONTRACTOR)	22 GUESTROOM MANAGEMENT SYSTEM CONTROLLER BY GUESTROOM MANAGEMENT	
14 MECHANICAL FLUSH BOLT		
15 DUST BOX / MORTAR SHIELD IN FRAME AS REQUIRED (BY DOOR HARDWARE)		

CAMERA LEGEND & MATERIALS

1 SECURITY CAMERA	10 SECURITY JUNCTION BOX	LINE TYPES LEGEND
2 SECURITY JUNCTION BOX	11 AUXILIARY DEVICE (GLASS BREAK, AUDIBLE ALARM MOTION DETECTOR, ETC.)	
3 UTP MEDIA CONVERTER	12 BLUE STROBE LIGHT	
4 POE INJECTOR	13 PUSH RED BUTTON FOR ASSISTANCE	
5 CAMERA POWER SUPPLY	14 SPEAKER	
6 RECEPTACLE (BY ELECTRICAL CONTRACTOR)	15 MICROPHONE	
7 PENDANT ADAPTOR	16 VIDEO CAMERA FOR ASSISTANCE STATION	
8 BRACKET HOLDER	17 PARAPET MOUNT	
9 STEEL STRAPS		

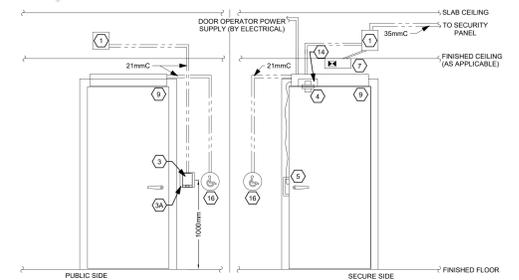
EQUIPMENT:

- 1 PACS INTELLIGENT CONTROL PANEL (16 READERS)
- 2 PACS PANEL POWER SUPPLY
- 3 ELECTRIC LOCK POWER SUPPLY
- 4 NETWORK CABLE W/ RJ45 MODULE & PATCH CABLE (BY COMMUNICATIONS CONTRACTOR)
- 5 120V FEED THROUGH BLANK GFI OUTLET
- 6 120V DIRECT CONNECT UPS/EMERGENCY POWER ON DEDICATED ELECTRICAL CIRCUIT
- 7 NIC FIRE ALARM ADDRESSABLE RELAY FOR OVERRIDERESET (BY FA CONTRACTOR)
- 8 120V DIRECT CONNECT NORMAL POWER ON DEDICATED ELECTRICAL CIRCUIT
- 9 4" TROUGH OR WIRE CHANNEL W/ COVER PLATE
- 10 FIRE RATED PLYWOOD BACKBOARD
- 11 MAGLOCK/SAFE LOCK POWER SUPPLY
- 12 ACCESS CONTROL CABLE W/ SERVICE LOOP IN TROUGH (TYPICAL FOR EACH DOOR)

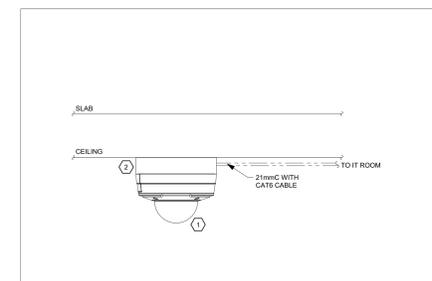


6 TYPICAL ACCESS CONTROL PANEL MOUNTING DETAIL
SD-301 NTS

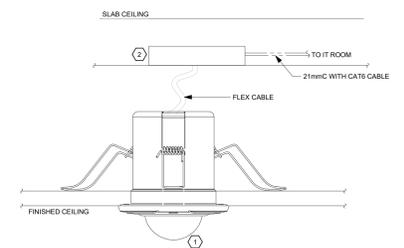
1 SINGLE DOOR W/ READER IN, ELECTRIC STRIKE
SD-301 NTS



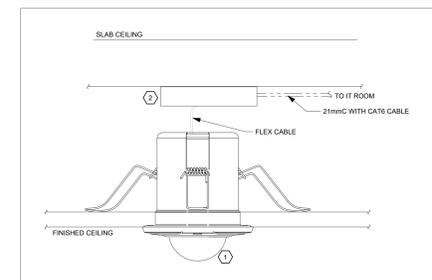
2 SINGLE DOOR W/ READER IN, BARRIER FREE, ELECTRIC STRIKE
SD-301 NTS



3 TYPICAL SURFACE MOUNT CAMERA DETAIL
SD-301 NTS



4 TYPICAL RECESSED MOUNTED CAMERA DETAIL
SD-301 NTS

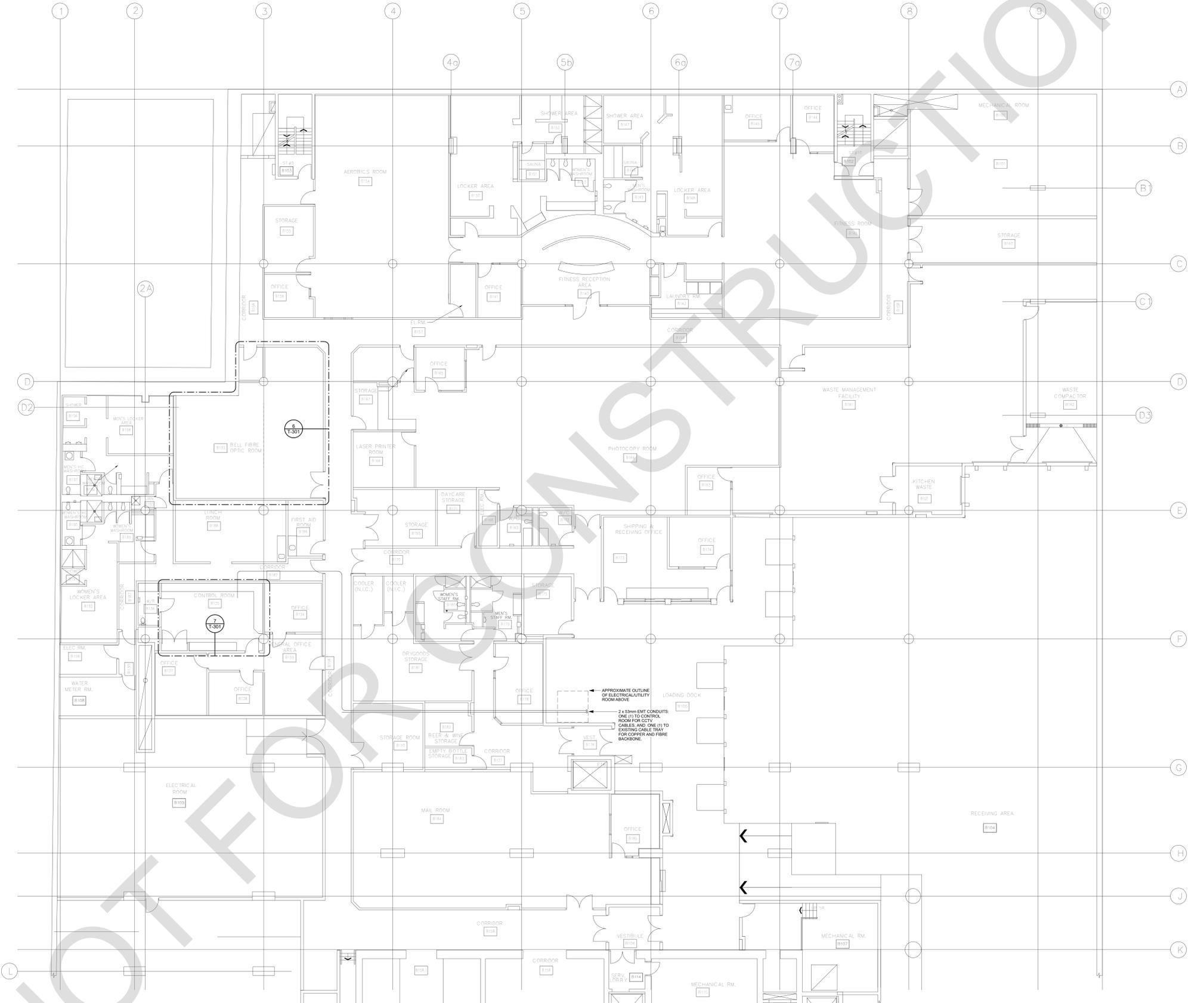


5 TYPICAL RECESSED MOUNTED CAMERA IN DROP CEILING
SD-301 NTS

No.	Date	Description
1	2023-03-17	ISSUED FOR 75% DESIGN REVIEW
2	2023-05-01	ISSUED FOR 90% DRAFT DESIGN REVIEW
3	2023-07-14	ISSUED FOR 95% DESIGN REVIEW
4	2023-08-23	ISSUED FOR APPROVAL
5	2024-02-01	ISSUED FOR TENDER

Contractor Must Check & Verify all Dimensions on the Job.
Do Not Scale Drawings.
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This Drawing is Not to be Used for Construction Until Signed by the Architect.

NOT FOR CONSTRUCTION

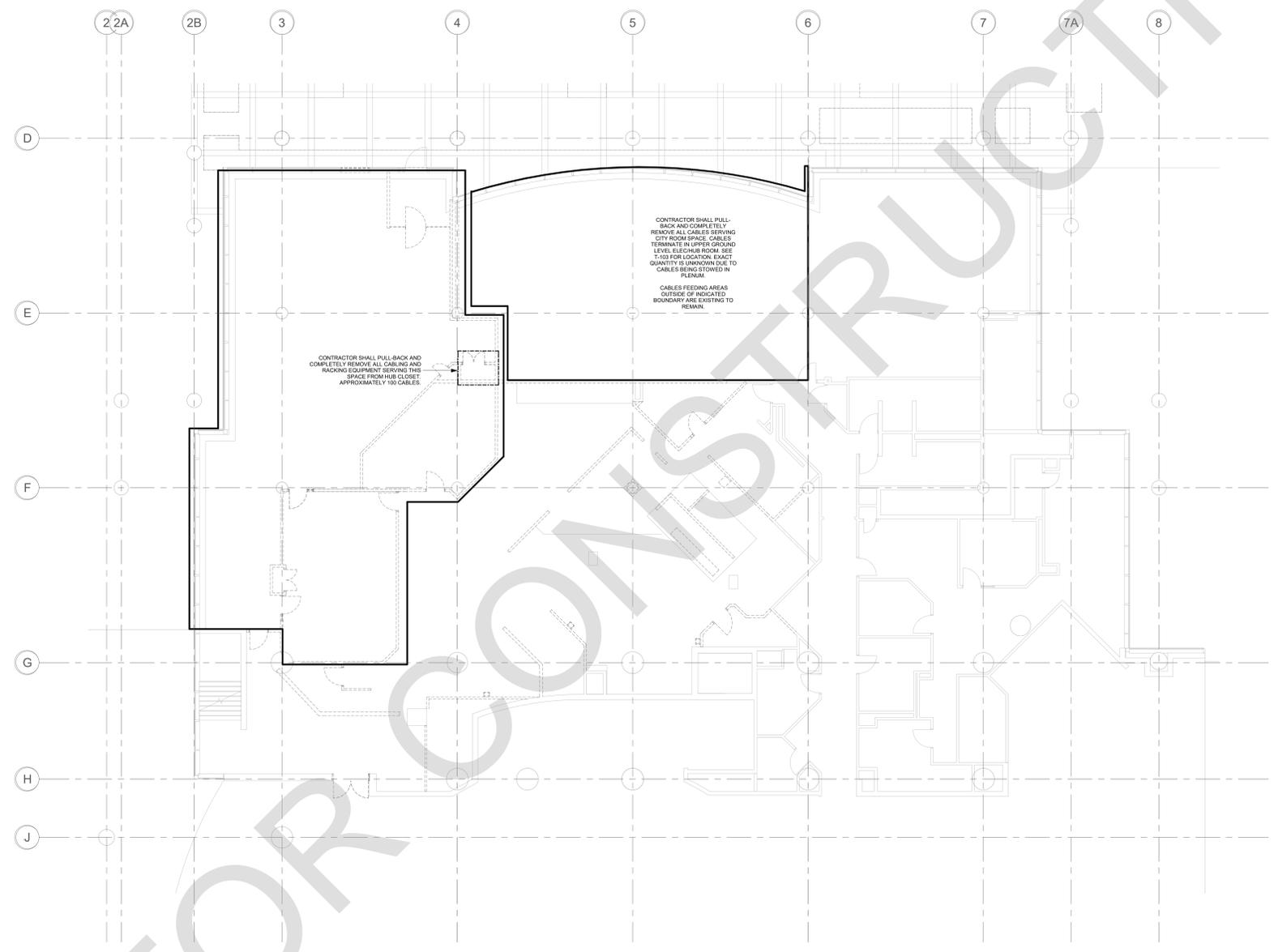


No.	Date	Description
1	2023-03-17	ISSUED FOR 75% DESIGN REVIEW
2	2023-05-01	ISSUED FOR 90% DRAFT DESIGN REVIEW
3	2023-07-14	ISSUED FOR 95% DESIGN REVIEW
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01/20/2024 12:45:14 PM BIM 360://21158149/DOC/REV/21158149/ELEC-HD-Cabling/PC1.rvt

No.	Date	Description
1	2023-03-17	ISSUED FOR 75% DESIGN REVIEW
2	2023-05-01	ISSUED FOR 85% DRAFT DESIGN REVIEW
3	2023-07-14	ISSUED FOR 95% DESIGN REVIEW
4	2023-08-23	ISSUED FOR APPROVAL
5	2024-02-01	ISSUED FOR TENDER



1 CABLING SYSTEM DEMOLITION LAYOUT
T-102A / 1 : 100

BA 180 / 021018/AM/000-02/01/18/6/LEC-HD-04/18/02/01.rvt

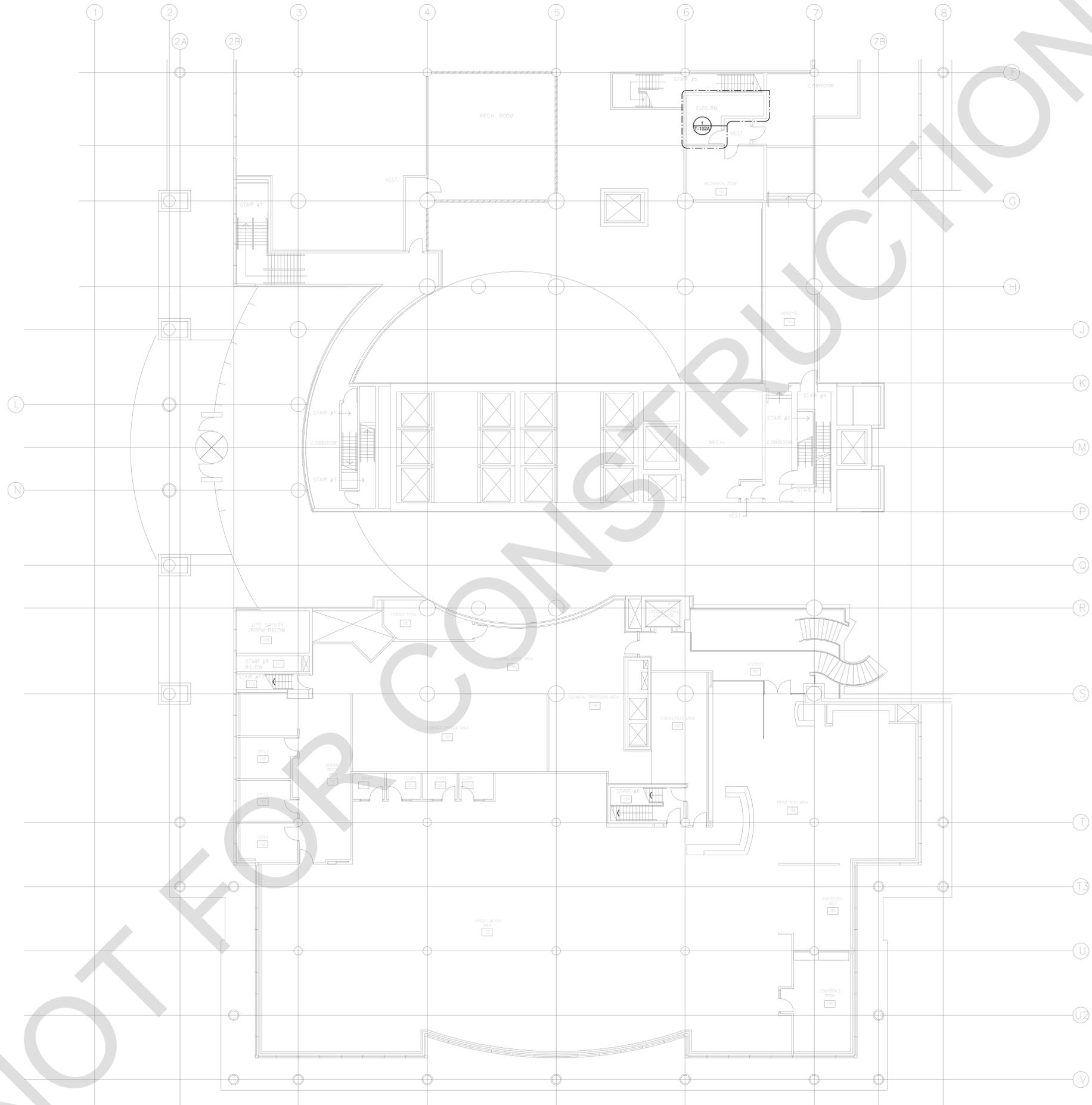
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NOT FOR CONSTRUCTION

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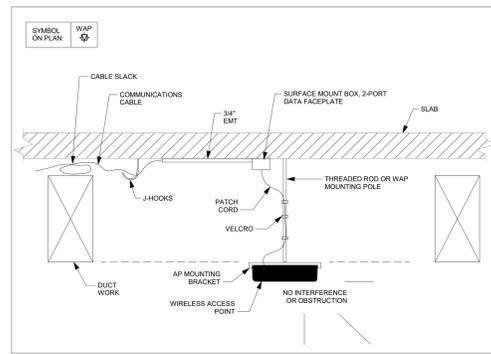
ISSUED

No.	Date	Description
1	2023-03-17	ISSUED FOR 75% DESIGN REVIEW
2	2023-05-01	ISSUED FOR 95% DRAFT DESIGN REVIEW
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4	2023-08-23	ISSUED FOR APPROVAL
5	2024-02-01	ISSUED FOR TENDER

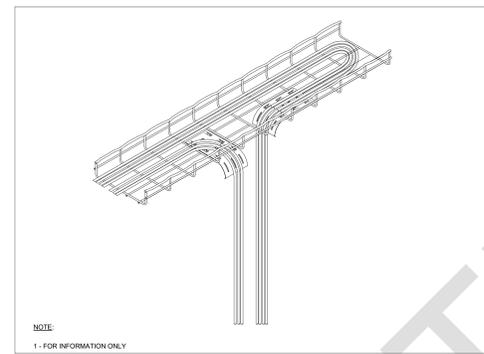


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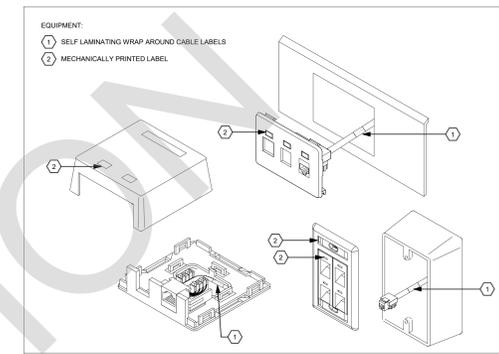
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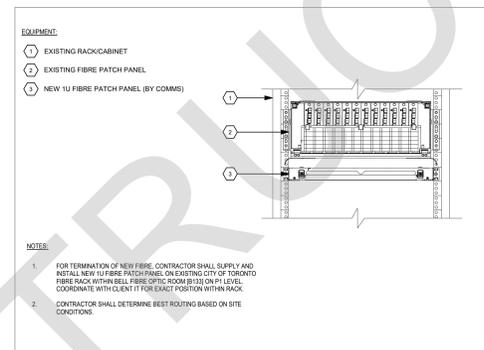
9 WAP Mounting Detail - Open Ceiling
T-301 1:100



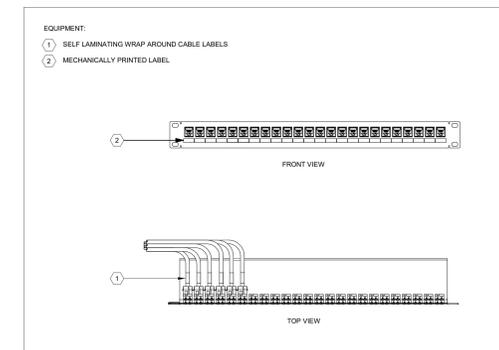
5 CABLETRAY / WATERFALLS - CABLE SLACK DETAIL
T-301 NTS



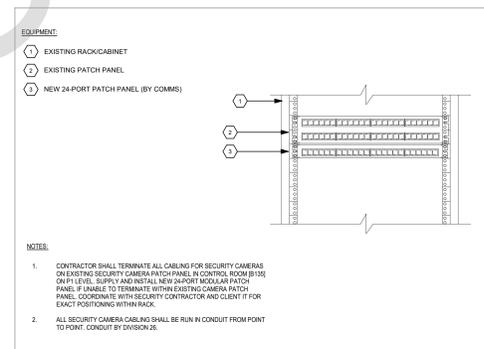
1 FACEPLATE / CABLE LABELLING (TYPICAL)
T-301 NTS



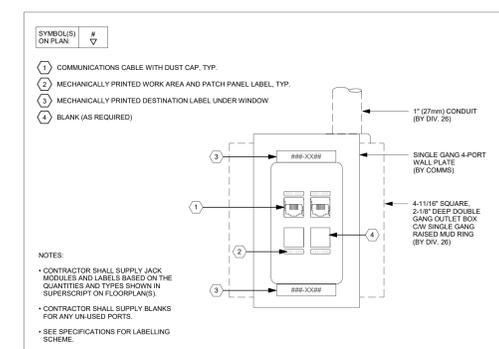
6 EXISTING RACK - FIBRE TERMINATION
T-301 NTS



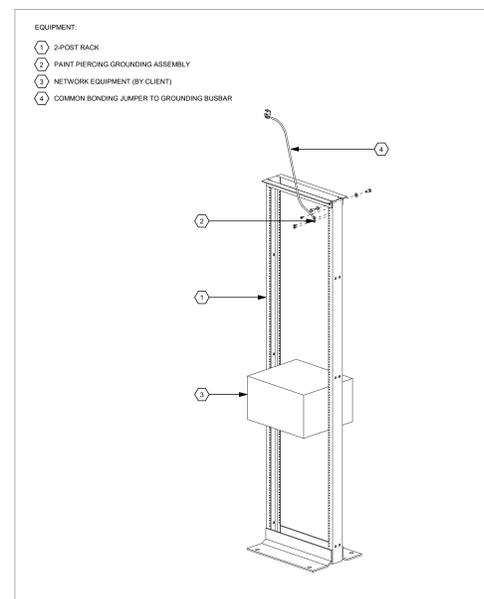
2 PATCH PANEL & CABLE LABELLING DETAIL (TYPICAL)
T-301 NTS



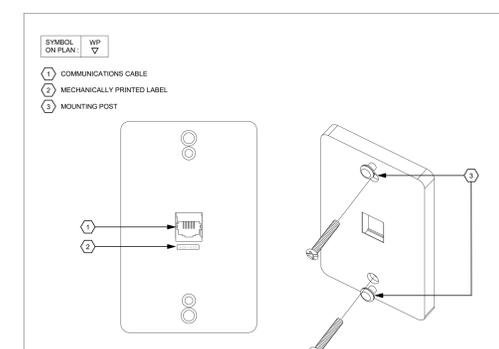
7 EXISTING RACK - SECURITY CAMERA TERMINATION
T-301 NTS



3 WALL-OUTLET DETAIL (TYPICAL)
T-301 NTS



8 TYPICAL GROUNDING FOR 2-POST RACK
T-301 NTS

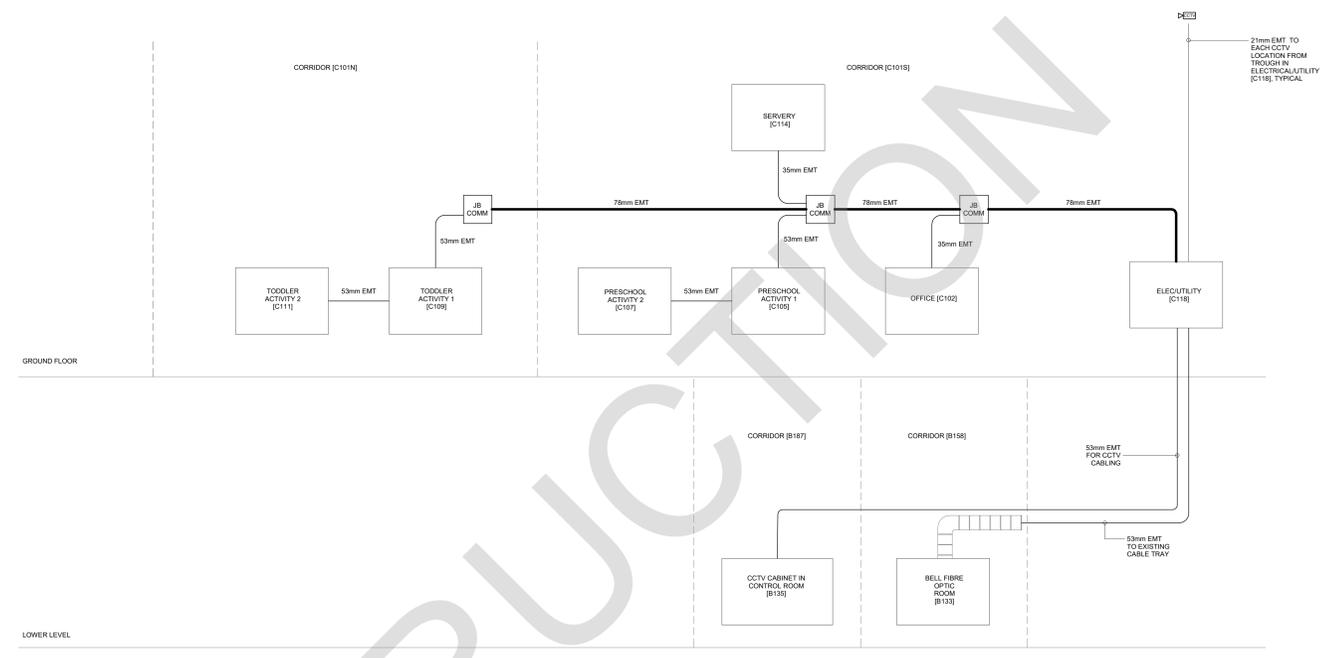


4 WALL PHONE OUTLET DETAIL
T-301 NTS

No.	Date	Description
1	2023-03-17	ISSUED FOR 75% DESIGN REVIEW
2	2023-09-01	ISSUED FOR 90% DRAFT DESIGN REVIEW
3	2023-07-14	ISSUED FOR 90% DESIGN REVIEW
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5	2024-02-01	ISSUED FOR TENDER

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NOT FOR CONSTRUCTION



NOTES:
 1. FOR INFORMATION ONLY - ALL CONDUIT BY DIVISION 26.
 2. ALL COMMUNICATIONS CONDUIT SHALL TERMINATE IN DOUBLE-HEIGHT ACCESSIBLE CEILING SPACE.
 3. EXACT CONDUIT ROUTING TO BE COORDINATED ON SITE.

1 COMMUNICATIONS CONDUIT RISER DIAGRAM
 T-302 NTS

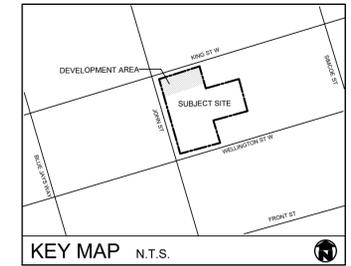
ISSUED

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NOT FOR CONSTRUCTION

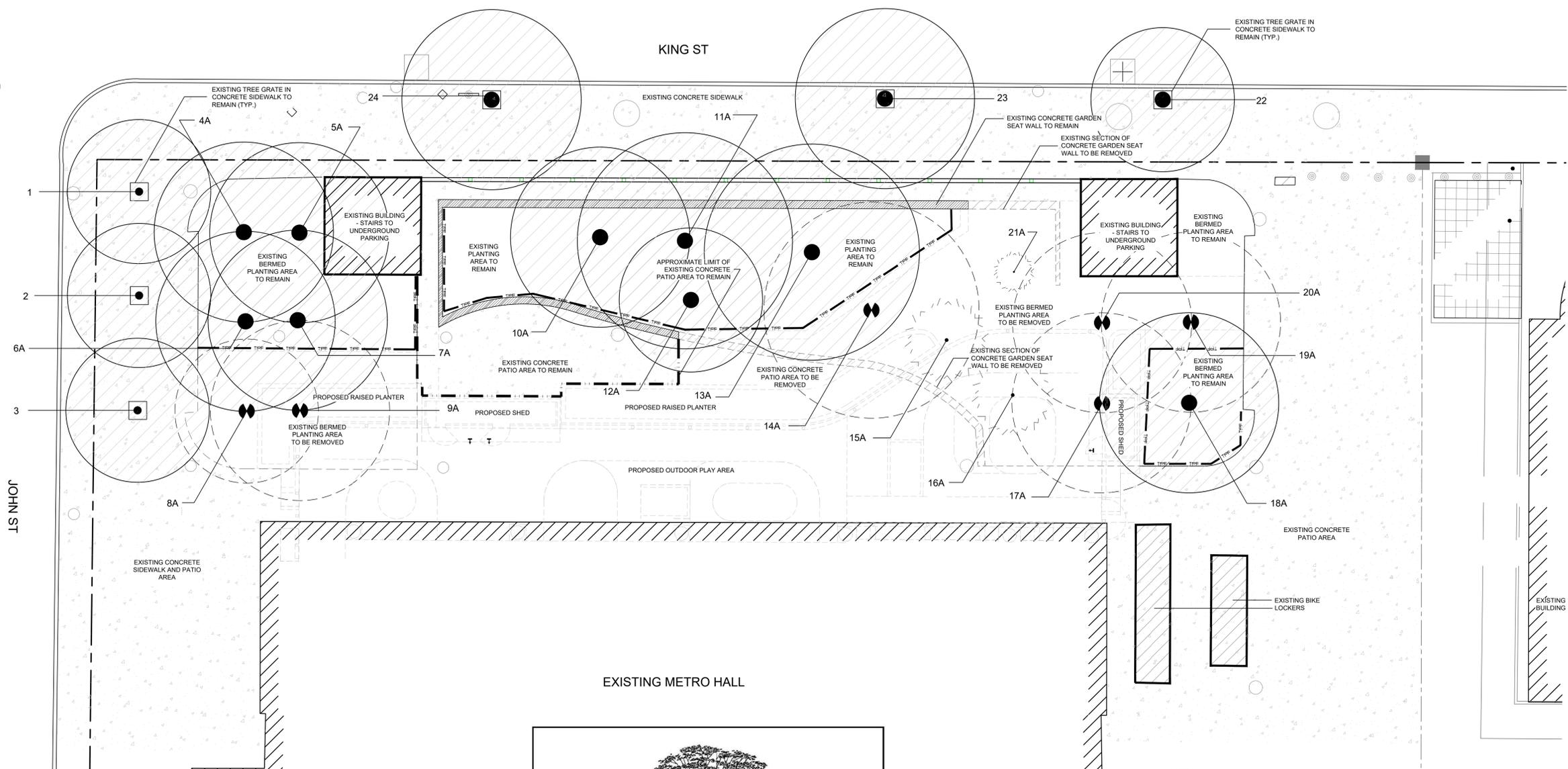
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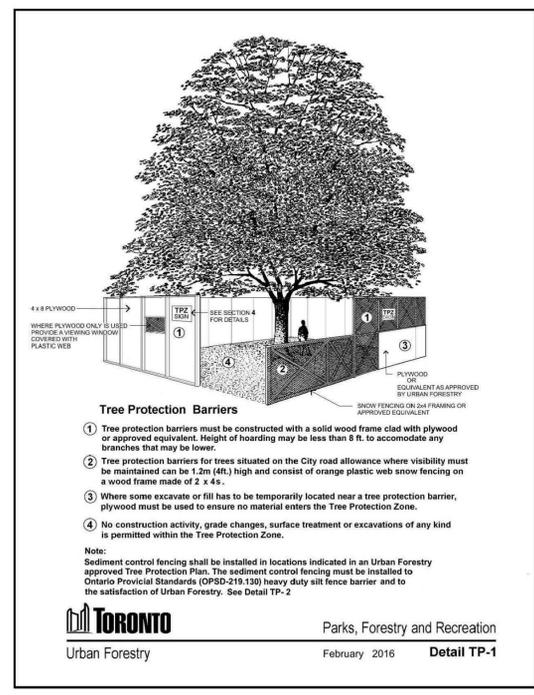
GENERAL NOTES

1. ALL WORKMANSHIP WILL BE TO THE STANDARDS OF LANDSCAPE ONTARIO.
2. CONTRACTOR TO LOCATE ALL UNDERGROUND UTILITIES.
3. SITE PLAN INFORMATION AS PER DIAMOND SCHMITT ARCHITECTS.
4. EXISTING CONDITIONS PROVIDED BY SALTER PILON ARCHITECTS INC.



TREE INVENTORY LIST

ID #	Tree Species	D.B.H (cm)	Condition	Ownership	Status	Comments
1	Ginkgo biloba	27	Good	Subject site	Preserve	
2	Ginkgo biloba	28	Good	Subject site	Preserve	
3	Ginkgo biloba	31	Good	Subject site	Preserve	
4A	Syringa reticulata	16/12	Fair	Subject site	Preserve	Trunk split
5A	Syringa reticulata	16/12	Fair	Subject site	Preserve	
6A	Syringa reticulata	14/14/14	Fair	Subject site	Preserve	
7A	Syringa reticulata	10/14	Fair	Subject site	Preserve	
8A	Syringa reticulata	18/15/15/21	Fair	Subject site	Remove (grading within rootzone)	
9A	Syringa reticulata	18/22	Fair	Subject site	Remove (grading within rootzone)	
10A	Acer ginnata	20/16/16/18/12/15	Fair	Subject site	Preserve	
11A	Acer ginnata	16/16/18/22	Fair	Subject site	Preserve	
12A	Acer ginnata	26/15	Fair	Subject site	Preserve	
13A	Acer ginnata	16/20/20/13	Fair	Subject site	Preserve	
14A	Acer ginnata	18/22	Fair	Subject site	Remove (grading within rootzone)	
15A	Picea glauca	29	Poor	Subject site	Remove (grading within rootzone)	60% dead
16A	Picea glauca	24	Fair	Subject site	Remove (grading within rootzone)	Thin crown, 30% dead
17A	Syringa reticulata	15/10/12/12	Fair	Subject site	Preserve	
18A	Syringa reticulata	15/10/16	Fair	Subject site	Preserve	
19A	Syringa reticulata	15/10/16/15	Fair	Subject site	Remove (grading within rootzone)	
20A	Syringa reticulata	20/18	Fair	Subject site	Remove (grading within rootzone)	
21A	Picea glauca	24	Dead	Subject site	Remove (grading within rootzone)	Dead
22	Ginkgo biloba	27	Fair	Municipal property	Preserve	
23	Gleditsia triacanthos var. inermis	22	Fair	Municipal property	Preserve	
24	Gleditsia triacanthos var. inermis	28	Fair	Municipal property	Preserve	



1 CITY OF TORONTO STANDARD TREE PROTECTION FENCING DETAIL NTS

TREE PROTECTION NOTES

1. PRIOR TO THE REMOVAL OF VEGETATION ON SITE AND/OR THE START OF CONSTRUCTION, A CERTIFICATION LETTER VERIFYING TREE PROTECTION FENCING HAS BEEN INSTALLED IS TO BE SUBMITTED TO THE ENGINEERING SERVICES LANDSCAPE REPRESENTATIVE IN COMPLIANCE WITH THE APPROVED PLANS.
2. AS PART OF ANY TREE REMOVAL OPERATION ALL STEMS, LIMBS AND STUMPS SHOULD BE REMOVED FROM THE SITE.
3. UPON COMPLETION OF ANY TREE REMOVAL OPERATIONS, TREE PROTECTION FENCING SHOULD BE INSTALLED AS ILLUSTRATED. TREE PROTECTION FENCING WILL REMAIN INSTALLED DURING THE DURATION OF CONSTRUCTION.
4. ANY ROOTS DISTURBED DURING CONSTRUCTION SHOULD BE CUT CLEANLY AND BURIED IMMEDIATELY.
5. NO HEAVY EQUIPMENT OR STOCKING OF MATERIAL SHALL OCCUR WITHIN THE DRIFLINES OF ANY TREES THAT ARE TO BE PRESERVED.
6. TREE PROTECTION MEASURES TO BE INSPECTED BY LANDSCAPE ARCHITECT AND TOWNSHIP STAFF PRIOR TO START OF CONSTRUCTION.
7. IF CONSTRUCTION OR ANY WORK OCCURS WITHIN THE TREE PRESERVATION ZONE, INSIDE THE LIMITS OF THE TREE PROTECTION FENCE, IT IS NECESSARY TO ONLY USE HAND TOOLS. NO MACHINERY WILL BE PERMITTED IN THIS ZONE. ANY WORK WITHIN THE TPZ MUST BE APPROVED BY LANDSCAPE ARCHITECT.
8. ANY TREES PROPOSED TO BE PROTECTED ARE IMPACTED BY DEVELOPMENT WILL BE REPLACED WITH THE SAME SPECIES OF AN APPROVED ALTERNATE.
9. NO VEGETATION REMOVALS ARE TO OCCUR ON THE SITE UNTIL THE TIME OF FINAL SITE PLAN APPROVAL.

TORONTO
Parks, Forestry & Recreation

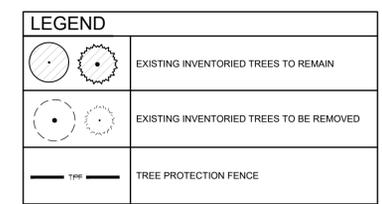
Tree Protection Zone (TPZ)

All construction related activities, including grade alteration, excavation, soil compaction, any materials or equipment storage, disposal of liquid and vehicular traffic are NOT permitted within this TPZ.

This tree protection barrier must remain in good condition and must not be removed or altered without authorization of City of Toronto, Urban Forestry.

Concerns or inquiries regarding this TPZ can be directed to: 311 or 311@toronto.ca

2 TREE PROTECTION ZONE SIGNAGE DETAIL NTS



NOTES:
 SITE VISIT DATE: APRIL 10, 2023
 TREE INVENTORY COMPLETED BY ISA CERTIFIED ARBORIST CATHERINE HODGINS #ON-2258A
 TREE LOCATIONS AND DRIPLINES BASED ON TOPOGRAPHIC SURVEY PROVIDED BY SALTER PILON ARCHITECTURE, HILL DESIGN STUDIO FIELD SURVEY AND CITY OF TORONTO AERIAL PHOTOGRAPHY.
 A DENOTES APPROXIMATE LOCATION OF TREE BASED ON HILL DESIGN STUDIO FIELD SURVEY & AERIAL PHOTOGRAPHY.
 ALL VEGETATION ON SITE AND WITHIN 6m OF PROPERTY BOUNDARY HAVE BEEN IDENTIFIED.



REVISIONS

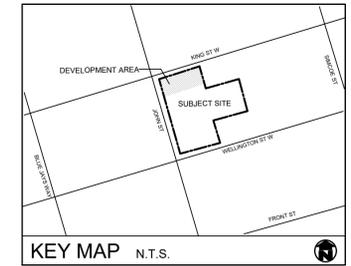
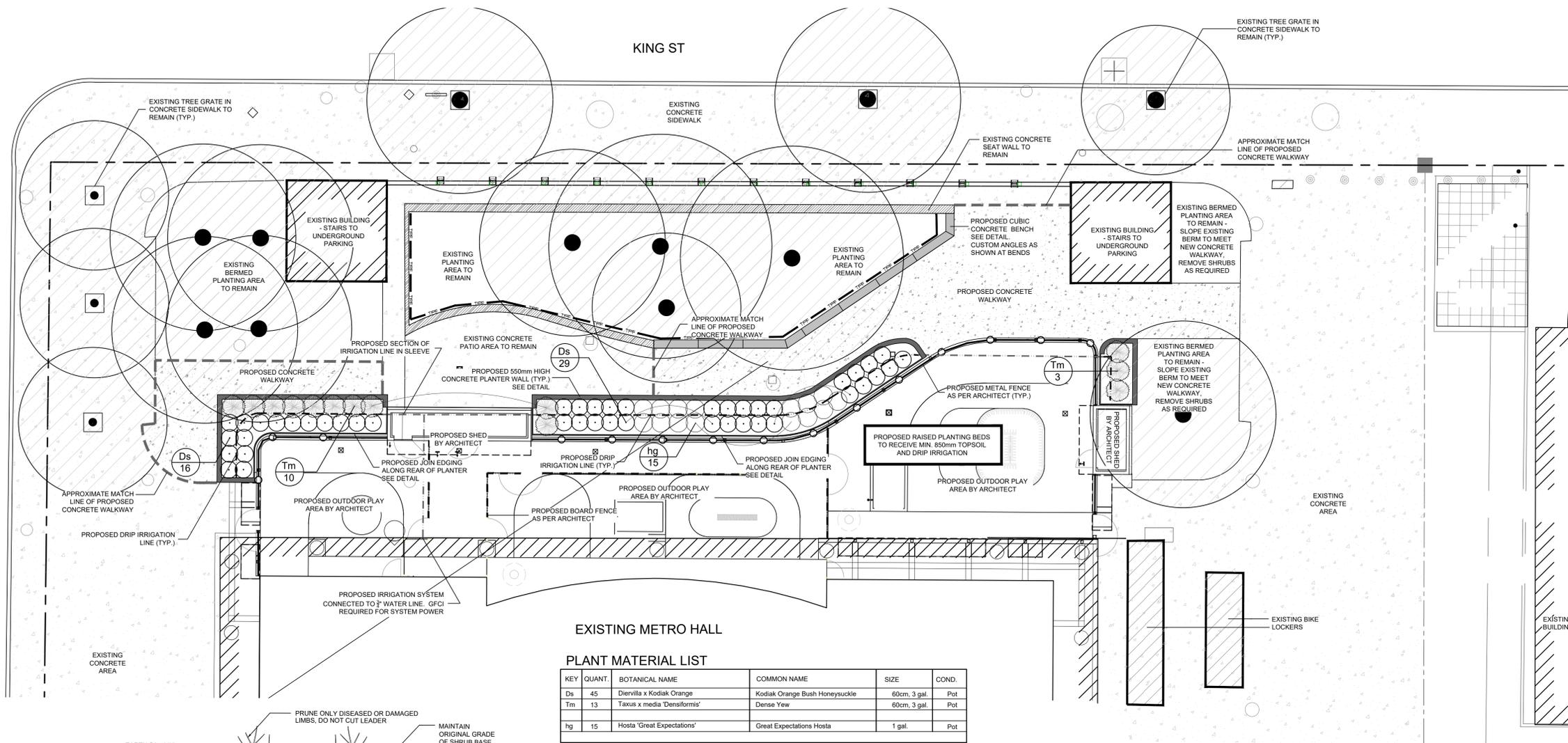
no.	date	description	by
1.	Aug 23 23	Issued for approval	CMH
2.	Oct 20 23	Re-issued for Tree Declaration	CMH
3.	Feb 14 24	Revised as per site plan	CMH

METRO HALL
 55 John Street
 Toronto, ON

Tree Management Plan



PROJECT NO: 2023-15 DRAWN BY: CMH
 SCALE: 1:125 DESIGNED BY: CMH
 SHEET: L1 APPROVED BY: AWH
 PLOT DATE: FEB. 14, 2024



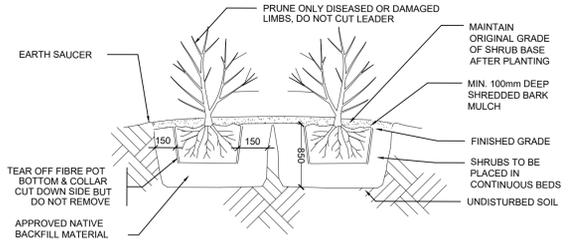
GENERAL NOTES

- ALL WORKMANSHIP WILL BE TO THE STANDARDS OF LANDSCAPE ONTARIO.
- ALL PLANT MATERIAL TO BE NO.1 GRADE NURSERY GROWN IN ACCORDANCE WITH THE CANADIAN STANDARDS FOR NURSERY STOCK, 5TH EDITION, 2017, BY THE CANADIAN NURSERY TRADES ASSOCIATION.
- BACKFILL WILL CONSIST OF SOIL NATIVE TO THE SITE OR GENERAL SOIL TYPE/CLASS NATIVE TO THE SITE. TOPSOIL TO BE TESTED FOR NUTRIENT VALUE, AND AMENDED FOR OPTIMAL GROWTH AS PER THE RECOMMENDATIONS OF THE SOIL TEST.
- CONTRACTOR SHALL MAINTAIN ALL LANDSCAPE AREAS UNTIL OWNER'S ACCEPTANCE OF PROJECT.
- CONTRACTOR TO LOCATE ALL UNDERGROUND UTILITIES.
- PLANTING MAY BE ADJUSTED TO SUIT LOCATIONS OF SITE UTILITY STRUCTURES/SERVICES.
- ALL MATERIALS MUST BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- SPREAD MULCH TO A MINIMUM OF 100mm COMPACTED DEPTH ON ALL TREE PITS AND PLANTING BEDS.
- CHECK AND VERIFY ALL DIMENSIONS AND QUANTITIES PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES ARE TO BE REPORTED IN WRITING TO THE LANDSCAPE ARCHITECT. QUANTITIES NOTED WITHIN THE PLAN SUPERCEDE THOSE IN THE PLANT LIST. ANY SUBSTITUTIONS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT.
- SOD AS MARKED WITH NURSERY SOD ON A MINIMUM OF 100mm OF CLEAN TOPSOIL. FINE GRADE AND SOD ALL BOULEVARD AREAS TO MUNICIPAL SPECIFICATIONS AND REPAIR DAMAGE TO ADJACENT PROPERTIES, AS REQUIRED.
- FINAL INSPECTION AND ACCEPTANCE OF PLANTING WORK SHALL COINCIDE WITH THE FINAL INSPECTION AND ACCEPTANCE OF ALL WORK INCLUDED IN THE CONTRACT.
- ALL SEEDED SLOPES 3:1 AND GREATER TO RECEIVE EROSION CONTROL MATTING. PIN SOD ON ALL SLOPES OF 3:1 OR GREATER.
- SUBMIT A WRITTEN GUARANTEE TO THE EFFECT THAT ALL PLANTS ACCEPTED DURING THE PERIOD OF JANUARY 1st TO JULY 15th SHALL BE GUARANTEED UNTIL JULY 15th THE FOLLOWING YEAR. PLANTS ACCEPTED DURING THE PERIOD OF JULY 15th TO DECEMBER 31st SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF ACCEPTANCE. THE GUARANTEE PERIODS LISTED ABOVE SHALL APPLY TO ALL "NURSERY GROWN" PLANTS.
- AT THE TIME OF FINAL INSPECTION ALL PLANTS SHALL BE IN A HEALTHY, VIGOROUS GROWING CONDITION, PLANTED IN FULL ACCORDANCE WITH DRAWINGS AND CONDITIONS.
- SITE PLAN INFORMATION AS PER DIAMOND SCHMITT ARCHITECTS.
- THIS PLAN HAS BEEN CREATED IN THE ABSENCE OF SITE GRADING AND SERVICING PLANS.
- SITE LIGHTING BY OTHERS

EXISTING METRO HALL

PLANT MATERIAL LIST

KEY	QUANT.	BOTANICAL NAME	COMMON NAME	SIZE	COND.
Ds	45	<i>Diervilla x Kodiak Orange</i>	Kodiak Orange Bush Honeysuckle	60cm, 3 gal.	Pot.
Tm	13	<i>Taxus x media 'Densiformis'</i>	Dense Yew	60cm, 3 gal.	Pot.
hg	15	<i>Hosta 'Great Expectations'</i>	Great Expectations Hosta	1 gal.	Pot.



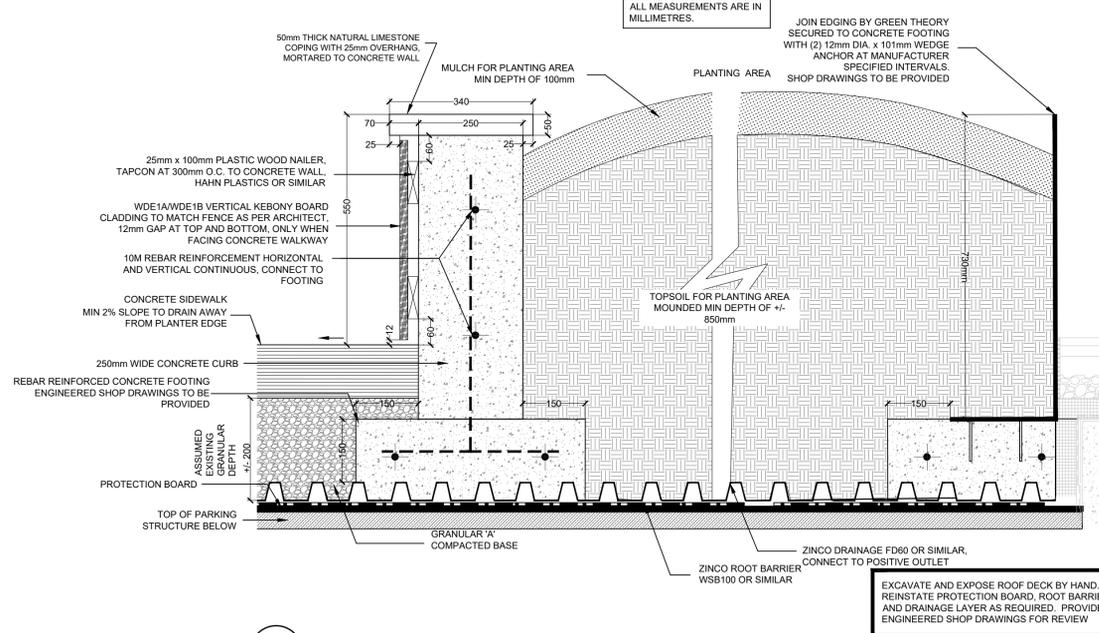
1 SHRUB PLANTING DETAIL
N.T.S.

CUBIC BENCH BY ED'S CONCRETE (OR APPROVED EQUAL)
T 519-271-6590
F 519-331-2731
WWW.EDSCONCRETE.CA
INFO@EDSCONCRETE.COM

SPECIFICATIONS:
MODEL: CU204820 AND CU209420
FINISH: SANDBLAST
COLOUR: GREY
INSTALLATION: GRANULAR BASE AS PER MANUFACTURER'S INSTRUCTIONS



2 CUBIC BENCH DETAIL
N.T.S.



3 CONCRETE PLANTER WALL DETAIL
SCALE: 1:8

TYPICAL JOIN EDGING BY GREEN THEORY DESIGN (OR APPROVED EQUAL)
T 1-844-747-9283
WWW.GREENTHEORYDESIGN.COM
SALES@GREENTHEORYDESIGN.COM

SPECIFICATIONS:
MODEL: JOIN EDGING 500mm HIGH
FINISH: ALUMINUM
COLOUR: METALLIC SILVER
INSTALLATION: AS PER MANUFACTURER'S INSTRUCTIONS
SHOP DRAWINGS TO BE PROVIDED FOR OWNERS REVIEW
COLOUR SAMPLES TO BE PROVIDED PRIOR TO CONSTRUCTION

PROPOSED WOOD FENCE AND POST ASSEMBLY AS PER ARCHITECT REFER TO ARCHITECTURAL PLANS FOR DETAILS

EXCAVATE AND EXPOSE ROOF DECK BY HAND REINSTATE PROTECTION BOARD, ROOT BARRIER AND DRAINAGE LAYER AS REQUIRED. PROVIDE ENGINEERED SHOP DRAWINGS FOR REVIEW



REVISIONS

no.	date	description	by
1.	Aug 23 23	Issued for approval	CMH
2.	Feb. 14 24	Revised as per site plan	CMH

METRO HALL
55 John Street
Toronto, ON
King Street Landscape Plan



PROJECT NO: 2023-15 DRAWN BY: CMH
SCALE: 1:125 DESIGNED BY: CMH
SHEET: L2 APPROVED BY: AWH
PLOT DATE: FEB. 14, 2024