

CLIENT

CITY OF TORONTO

Corporate Real Estate Management
Project Management Office
Metro Hall Toronto, ON
MSV 3C6

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ISSUES		
No.	DESCRIPTION	DATE
A	50% SUBMISSION	2021-09-23
B	90% SUBMISSION	2022-01-04
C	ISSUED FOR PERMIT	2022-01-04
D	ISSUED FOR TENDER	2022-11-01

ELECTRICAL DRAWING LIST	
Sheet Number	Sheet Name
E0000	DRAWING LIST
E1100	ELECTRICAL DEMOLITION PLAN BASEMENT
E1101	ELECTRICAL DEMOLITION PLAN 1ST FLOOR
E2100	POWER & SYSTEMS PLAN BASEMENT
E2101	POWER & SYSTEMS PLAN 1ST FLOOR
E3100	ELECTRICAL PANEL SCHEDULE

CONSULTANTS

SEAL

PRIME CONSULTANT



IBI GROUP
175 Galaxy Blvd, Unit 100
Toronto, ON M9W 0C9, Canada
tel 416 679 1930 fax 416 675 4620
ibigroup.com

PROJECT TITLE
**CITY OF TORONTO
ACCESSIBILITY UPGRADES**

PROJECT ADDRESS
**Fire Hall No. 226
87 MAIN STREET**

PROJECT NO:
122260

DRAWN BY: V. MAC	CHECKED BY: M. BOJIC
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PROJECT MGR: F. BOLOURIAN	APPROVED BY: P. WILLIAMS
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SHEET TITLE
DRAWING LIST

SHEET NUMBER G28-314-E0000	ISSUE D
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NOTES:

1. COORDINATE WITH STAKEHOLDER BEFORE DISCONNECTING LOADS, TO ENSURE DOWNTIME IS UNDERSTOOD AND ACCEPTED.

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APPROVED BY:
P. WILLIAMS

SHEET TITLE

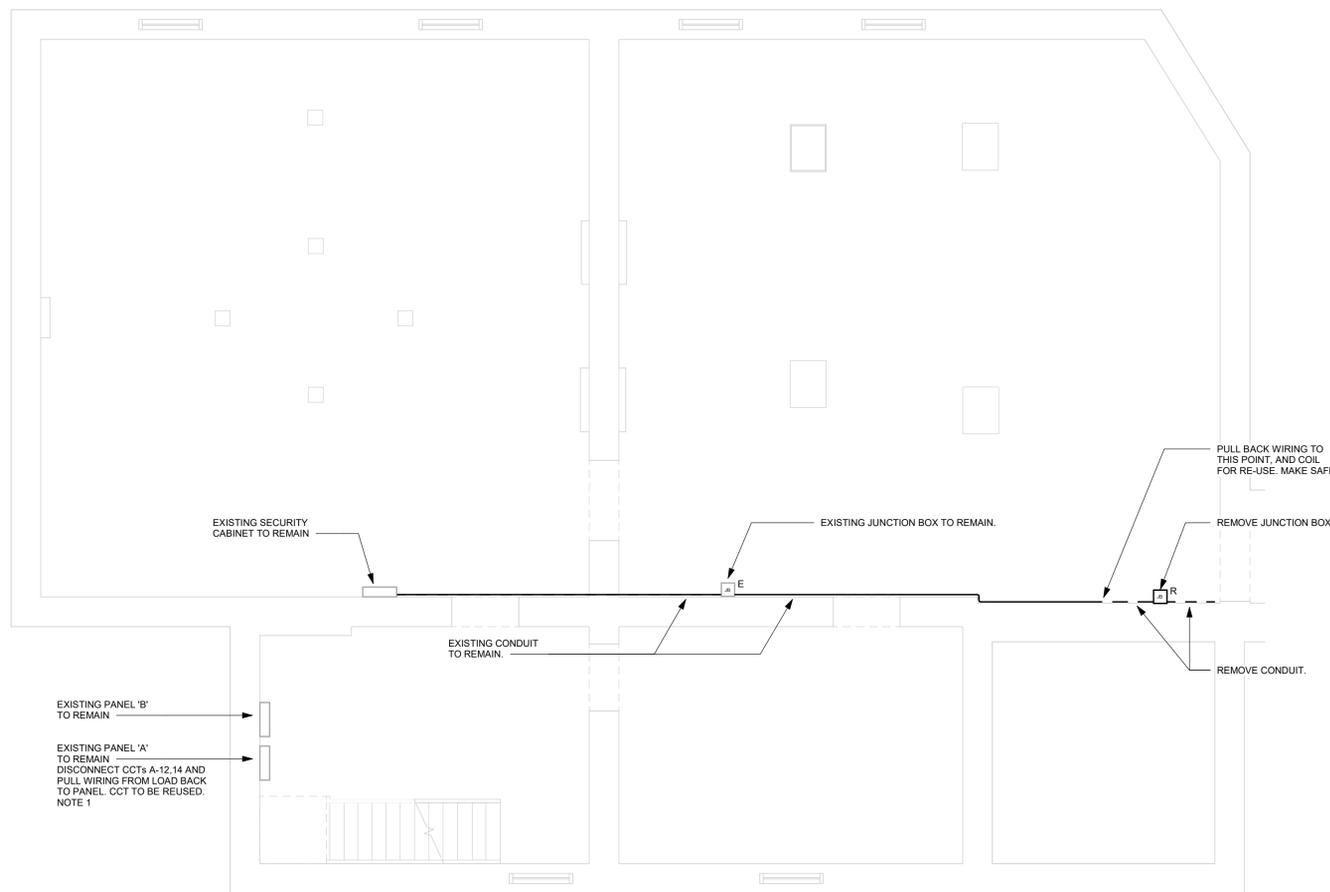
ELECTRICAL
DEMOLITION PLAN
BASEMENT

SHEET NUMBER

G28-314-E1100

ISSUE

C



1 POWER AND SYSTEMS DEMOLITION PLAN BASEMENT
E1100 Scale: 1 : 50



2023-01-31 12:33:19 PM

BIM 360//122260 - CoT TAU Upgrades R2020122260-TAU-28-314-87MAIN-E-R201.v1

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 CITY OF TORONTO
 ACCESSIBILITY UPGRADES

PROJECT ADDRESS
 Fire Hall No. 226
 87 MAIN STREET

PROJECT NO:
 122260

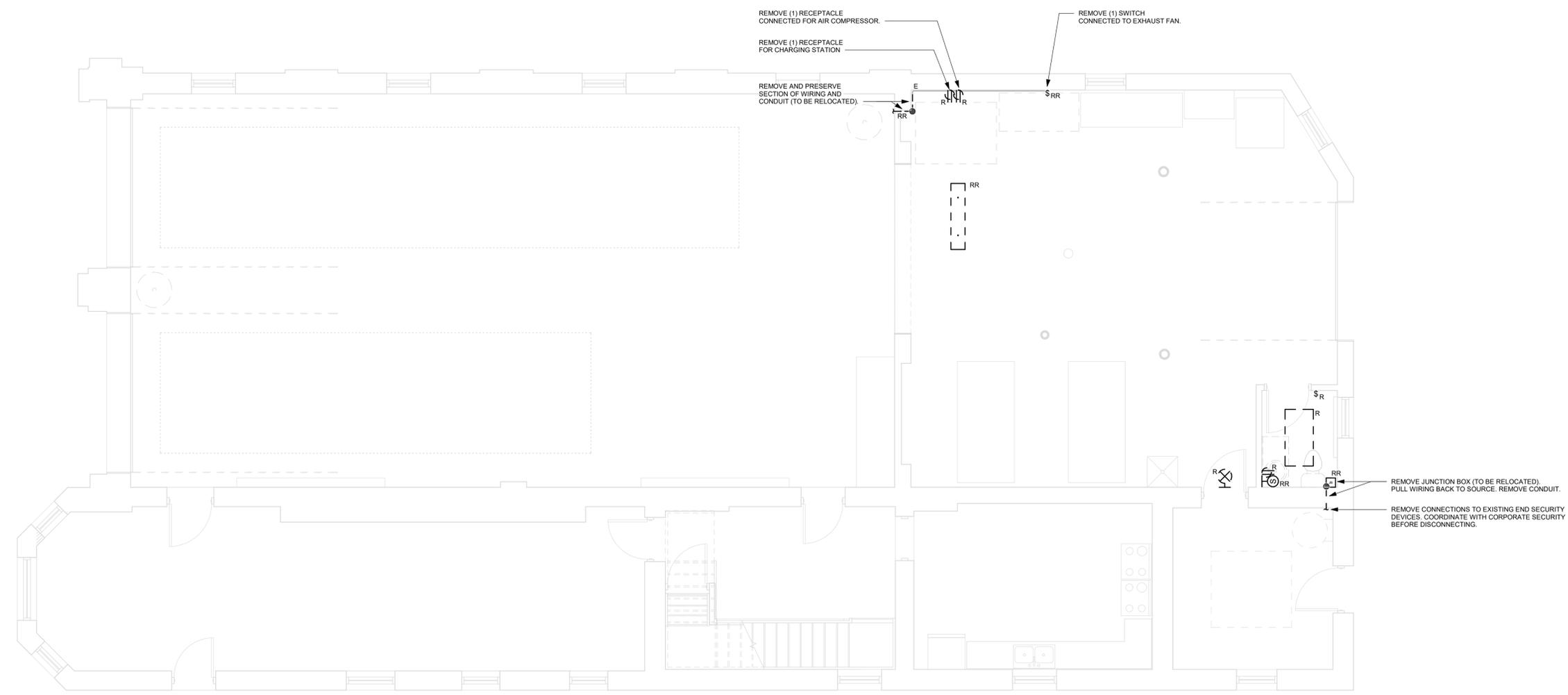
DRAWN BY: V. MAC	CHECKED BY: M. BOJIC
PROJECT MGR: F. BOLOURIAN	APPROVED BY: P. WILLIAMS

SHEET TITLE
 ELECTRICAL
 DEMOLITION PLAN 1ST
 FLOOR

SHEET NUMBER G28-314-E1101	ISSUE D
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NOTES:

1. REMOVE CONDUITS CONNECTED TO DATA AND POWER OUTLETS.
2. PULL BACK WIRING TO NEAREST JUNCTION BOX, UNLESS OTHERWISE STATED. MAKE SAFE, AND PREPARE FOR RE-USE (TYPICAL FOR RECEPTACLES, SECURITY DEVICES, LIGHT SWITCHES, OCCUPANCY SENSORS, AND LIGHTS, AS SHOWN ON ELECTRICAL DEMOLITION PLAN).
3. COORDINATE WITH CORPORATE SECURITY BEFORE DISCONNECTING AND RELOCATING SECURITY DEVICES.
4. COORDINATE WITH STAKEHOLDER BEFORE DISCONNECTING LOADS, TO ENSURE THAT DOWNTIME IS UNDERSTOOD AND ACCEPTED.



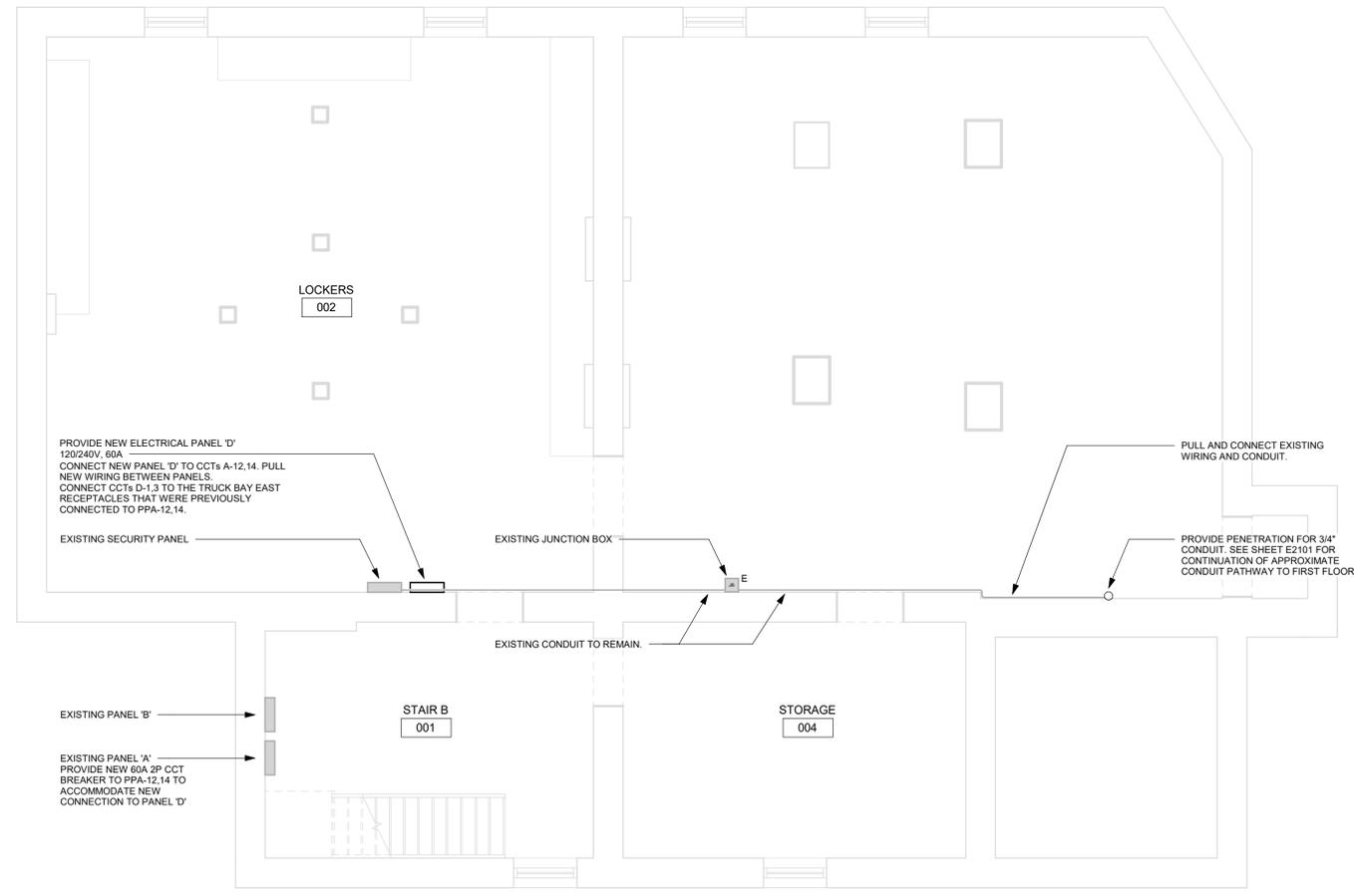
1 POWER AND SYSTEMS DEMOLITION PLAN FIRST FLOOR
 E1101 Scale: 1:50



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BIM 360/122260 - CoT TAU Upgrades R2020122260-TAU-28-314-87MAIN-E-R201.v4

- NOTES:**
- CONDUIT ROUTING SHOWN ON FLOOR LAYOUT IS SCHEMATIC. VERIFY CONDITIONS ON SITE.
 - PENETRATION LOCATIONS ARE APPROXIMATE. VERIFY CONDITIONS ON SITE, AND CONFIRM WITH STAKEHOLDER BEFORE PROCEEDING.



1 POWER AND SYSTEMS PLAN BASEMENT
 E2100 Scale: 1 : 50



2023-01-31 12:33:28 PM

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PROJECT MGR:
 F. BOLOURIAN
APPROVED BY:
 P. WILLIAMS

SHEET TITLE
 POWER & SYSTEMS
 PLAN BASEMENT

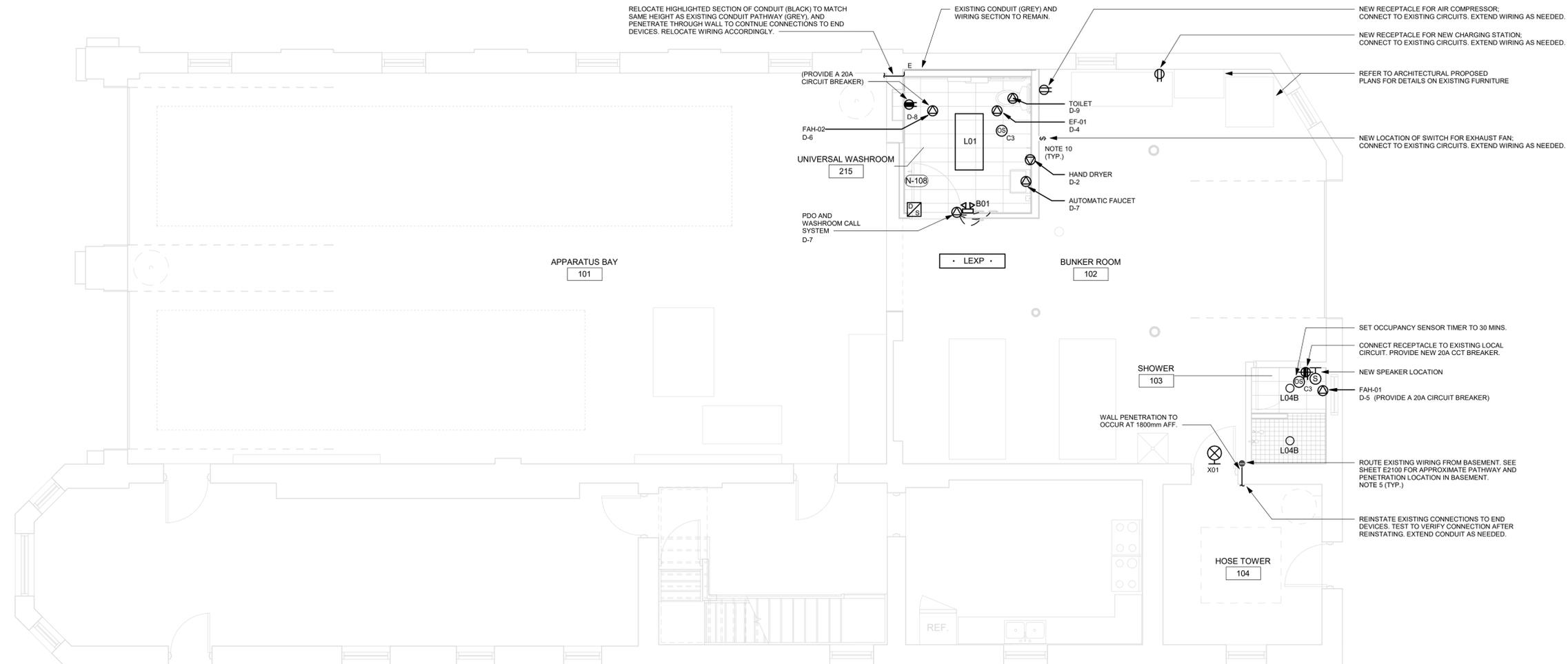
SHEET NUMBER
 G28-314-E2100
ISSUE
 C

BIM 360/122260 - CoT TAU Upgrades R2020122260-TAU-28-314-87MAIN-E-R201.v4
 1/11
 SCALE CHECK

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NOTES:

- CIRCUIT NUMBERS SHOWN FOR GROUPING PURPOSES ONLY. ALLOCATE CIRCUITS TO EXISTING PANELS AS SPACE ALLOWS. ASSUME 15A, 120V CIRCUIT BREAKER UNLESS OTHERWISE NOTED. UPDATE PANEL SCHEDULE WITH NEW LOADS. SUBMIT NEW PANEL SCHEDULE AS SHOP DRAWING.
- CONNECT NEW LUMINAIRES TO EXISTING LOCAL LIGHTING CIRCUIT.
- RECONNECT ALL NEW DOOR HARDWARE TO EXISTING WIRING. EXTEND WIRING AND CONDUITS AS NEEDED.
- CONNECT NEW POWER RECEPTACLES TO EXISTING LOCAL RECEPTACLE CIRCUIT, UNLESS OTHERWISE NOTED. EXTEND WIRING AND CONDUITS AS NEEDED. CONNECT DATA OUTLETS TO EXISTING SOURCE, UNLESS OTHERWISE NOTED. PULL NEW WIRING FROM SOURCE. MOUNT POWER AND DATA OUTLETS ACCORDING TO MOUNTING HEIGHTS SCHEDULE ON SHEET GAL-G4003.
- PENETRATION LOCATIONS ARE APPROXIMATE. VERIFY CONDITIONS ON SITE, AND CONFIRM WITH STAKEHOLDER BEFORE PROCEEDING.
- ADJUST HEIGHT OF EXISTING LIGHT SWITCHES ACCORDING TO MOUNTING HEIGHTS SCHEDULE ON SHEET GAL-G4003. CONNECT TO EXISTING WIRING AND CONDUITS. EXTEND WIRING AND CONDUITS AS NEEDED.
- REMOVE AND REPLACE ALL EXIT SIGNS WITH LUMINAIRE TYPE X01 AS SPECIFIED IN LUMINAIRE SCHEDULE. CONNECT TO EXISTING CIRCUITS.
- CONDUIT ROUTING SHOWN ON FLOOR LAYOUT IS SCHEMATIC. VERIFY CONDITIONS ON SITE.
- CONNECT RELOCATED EXISTING MECHANICAL EQUIPMENT TO EXISTING CIRCUITS. EXTEND WIRING AND CONDUITS AS NEEDED.
- REFER TO MECHANICAL SHEET M5101 FOR LOCATIONS OF NEW HVAC EQUIPMENT, AND NEW LOCATIONS OF RELOCATED HVAC EQUIPMENT.



1 POWER AND SYSTEMS PLAN 1ST FLOOR
 E2101 Scale: 1 : 50



PRIME CONSULTANT

IBI GROUP
 175 Galaxy Blvd, Unit 100
 Toronto, ON M5W 0C3, Canada
 Tel: 416 679 1930 Fax: 416 675 4620
 ibigroup.com

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DRAWN BY:
 V. MAC
CHECKED BY:
 M. BOJIC
PROJECT MGR:
 F. BOLOURIAN
APPROVED BY:
 P. WILLIAMS

SHEET TITLE
 POWER & SYSTEMS
 PLAN 1ST FLOOR

SHEET NUMBER
 G28-314-E2101
ISSUE
 D

Branch Panel: D

Location: BASEMENT
 Supply From: EXISTING PANEL A
 Mounting: SURFACE
 Enclosure: TYPE 1

Volts: 120/240V
 Phases: 1
 Wires: 3

A.I.C. Rating: 10kA
 Mains Type: Cu
 Mains Rating: 60A

Notes:

CCT	Circuit Description	Trip	Poles	A		B		Poles	Trip	Circuit Description	CCT
D-1	EXISTING TRUCK BAY RCTs FROM PANEL A	15	1	1200	1000			1	15	B/F WR - HAND DRYER	D-2
D-3	EXISTING TRUCK BAY RCTs FROM PANEL A	15	1			1200	20	1	15	B/F W/R - EF-01	D-4
D-5	SHOWER - FAH-01	20	1	1500	1500			1	20	B/F W/R - FAH-02	D-6
D-7	B/F W/R - AUTOMATIC FAUCET, PDO	15	1			230	180	1	20	B/F W/R - GFCI RCT	D-8
D-9											D-10
D-11											D-12
D-13											D-14
D-15											D-16
D-17											D-18
D-19											D-20
D-21											D-22
D-23											D-24
D-25											D-26
D-27											D-28
D-29											D-30
D-31											D-32
D-33											D-34
D-35											D-36
D-37	SPARE	15	1					1	15	SPARE	D-38
D-39	SPARE	15	1					1	15	SPARE	D-40
D-41	SPARE	15	1					1	15	SPARE	D-42
D-43	SPARE	15	1					1	15	SPARE	D-44
D-45	SPARE	15	1					1	15	SPARE	D-46
D-47	SPARE	15	1					1	15	SPARE	D-48
Total Load:				5200 VA		1630 VA					
Total Amps:				43.3		13.58					

Panel Totals	
Total Conn. Load	6830 VA
Total Est. Demand	6830 VA
Total Conn. Current	28.46
Total Est. Demand Current	28.46

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SHEET TITLE
 ELECTRICAL PANEL
 SCHEDULE

SHEET NUMBER
 G28-314-E3100

ISSUE
 C