







































SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
ACCESS CONTROL			
	ACCESS CONTROL SYSTEM PANEL		KEY SWITCH
	ACCESS CONTROL SYSTEM SERVER		LATCH BOLT MONITOR
	AUTOMATIC DOOR OPERATOR		LATCH BOLT MONITOR REQUEST TO EXIT
	BIOMETRIC READER		MAGLOCK KEY RESET SWITCH
	CARD READER		MAGNETIC DOOR HOLD/OPEN DEVICE
	CENTRAL MANAGEMENT STATION		MAGNETIC LOCK
	DOOR ALARM		MOTION REQUEST TO EXIT
	DOOR CONTACT		POWER SUPPLY CONTROL UNIT
	ELECTRIC DOOR HOLD/OPEN DEVICE		PUSH BUTTON DOOR OPERATOR
	ELECTRIC LATCH RETRACTION		PUSH BUTTON REQUEST TO EXIT
	ELECTRIC MORTISE LOCK		REMOTE RELEASE
	ELECTRIC STRIKE		RF NODE
	GATEWAY		RF RECEIVER
	IP DOOR CONTROLLER		SECURITY DOOR TAG. XX DENOTES TYPE
	KEY ENCODER		WIRELESS LOCK
REAL TIME LOCATING SYSTEM (RTLS)			
	LOW FREQUENCY EXCITER		RF READER MASTER
	INFRARED READER		RF READER
	REMOTE DISPLAY UNIT		RF ETHERNET READER
	LOCAL AREA RECEIVER		RF LONG RANGE READER

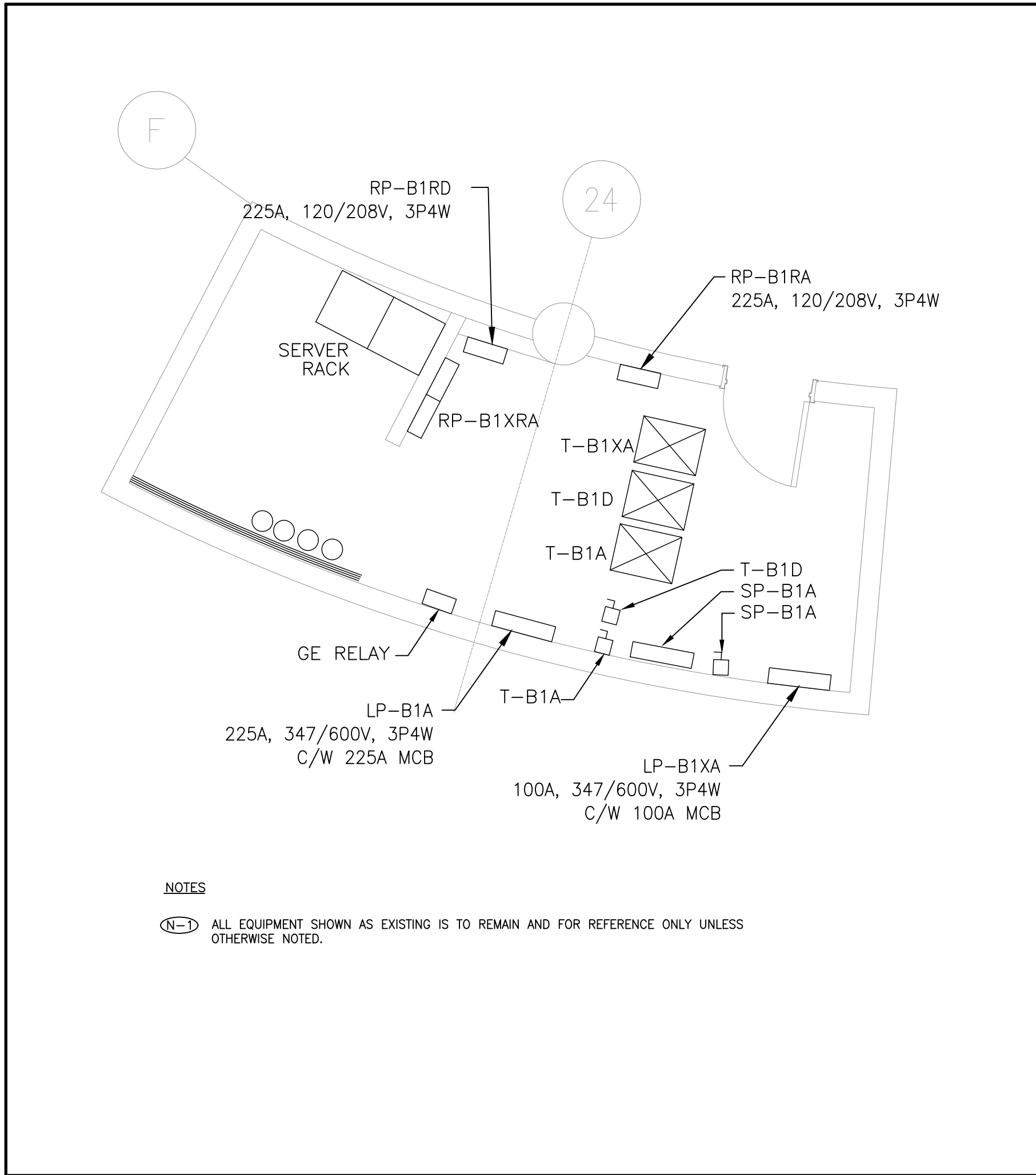
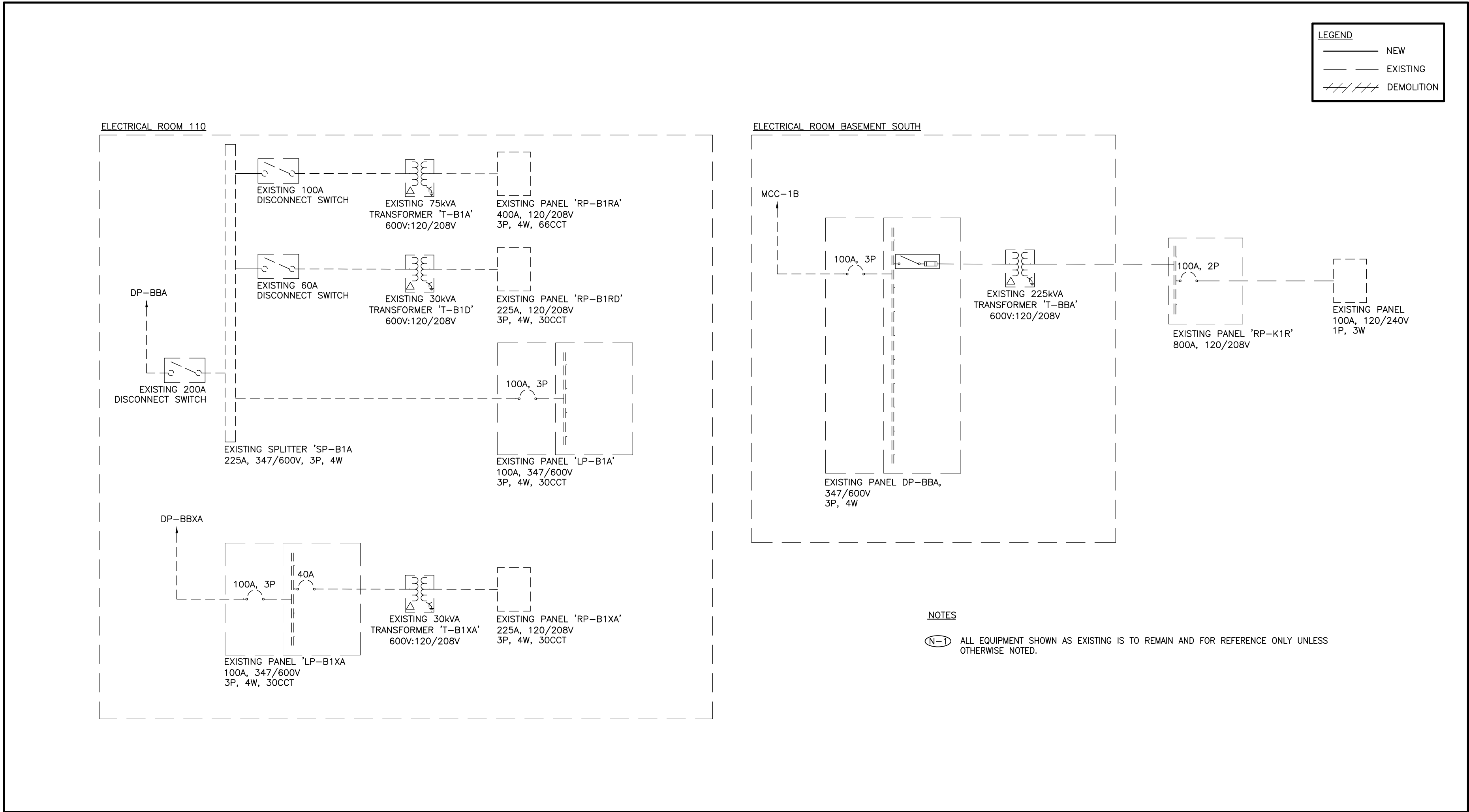
NOTE: NOT ALL SYMBOLS APPLY, REFER TO FLOOR PLANS AND DRAWINGS

8 SECURITY LEGEND 1 OF 2  
TE-0.1

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
▼	WALL MOUNTED VOICE OUTLET(S). ROUGH-IN BY ELECTRICAL CONTRACTOR	FPS	WALL MOUNTED VOICE OUTLET FOR EMERGENCY PHONE STATION. ROUGH-IN BY ELECTRICIAN
▽	WALL MOUNTED DATA OUTLET(S). ROUGH-IN BY ELECTRICAL CONTRACTOR	☐	COMMUNICATIONS INTERCOM ROUGH-IN BY ELECTRICAL CONTRACTOR
✓	FLOOR MOUNTED VOICE AND DATA OUTLET(S). ROUGH-IN BY ELECTRICAL CONTRACTOR	▼	ROBOWAY MOUNTED VOICE AND DATA OUTLET(S). ROUGH-IN BY ELECTRICAL CONTRACTOR
✓	FURNITURE MOUNTED VOICE OUTLET(S). ROUGH-IN BY ELECTRICAL CONTRACTOR	◀	WALL MOUNTED COAXIAL CAVY OUTLET ROUGH-IN BY ELECTRICAL CONTRACTOR
☑	FLOOR MOUNTED DATA OUTLET(S). ROUGH-IN BY ELECTRICAL CONTRACTOR	⬇	SERVICE POLE MOUNTED VOICE AND DATA OUTLET(S). ROUGH-IN BY ELECTRICAL CONTRACTOR
✓	FURNITURE MOUNTED VOICE AND DATA OUTLET(S). ROUGH-IN BY ELECTRICAL CONTRACTOR	○	ONE BACKBOX C/W MINIMUM 1-1/4" CONDUIT OR AS SPECIFIED ON DETAILS. STURBED INTO CEILING SPACE OR TO AUDIO VISUAL SERVICE C/W TWO CONNECTORS WITH NYLON BUSINGS AND PULL STRINGS FOR USE BY AUDIO VISUAL CONTRACTOR. REFER TO AUDIO VISUAL DRAWINGS FOR COMPLETE REQUIREMENTS INCLUDING BACKBOX SIZE/TYPE, EXACT CONNECTION POINTS AND TERMINATION POINTS, ETC.
✓	FURNITURE MOUNTED VOICE OUTLET(S). ROUGH-IN BY ELECTRICAL CONTRACTOR	↓	
✓	FURNITURE MOUNTED VOICE AND DATA OUTLET(S). ROUGH-IN BY ELECTRICAL CONTRACTOR	M	MICROPHONE
☑	CEILING MOUNTED DATA OUTLET(S) C/W 1" EMT CONDUIT TO EXISTING DATA RACK. CONTAIN THE EXACT LOCATION ON SITE ALLOW FOR ALL COST. ROUGH-IN BY ELECTRICAL CONTRACTOR.	S	A/P SPEAKER
▼	ONE BACKBOX C/W ONE MINIMUM 1-1/4" CONDUIT OR AS SPECIFIED ON DETAILS, STURBED INTO CEILING SPACE C/W TWO CONNECTORS WITH NYLON BUSINGS AND PULL STRINGS FOR USE BY COMMUNICATIONS CONTRACTOR. ONE CONDUIT PER BOX.		

NOTE: NOT ALL SYMBOLS APPLY, REFER TO FLOOR PLANS AND DRAWINGS

9 DATA AND COMMUNICATIONS  
TE-0.1 (ESD-000.05)



**LUMINAIRE SCHEDULE**

TYPE	LAMP TYPE	VOLTAGE	DESCRIPTION	MANUFACTURER/CATALOGUE NO.
N	LED 30W 80CRI, WHITE	120V	LINEAR RECESSED 1'x4' FLAT PANEL LED FIXTURE	LITELINE: LEDP-14-WH-MTIW32

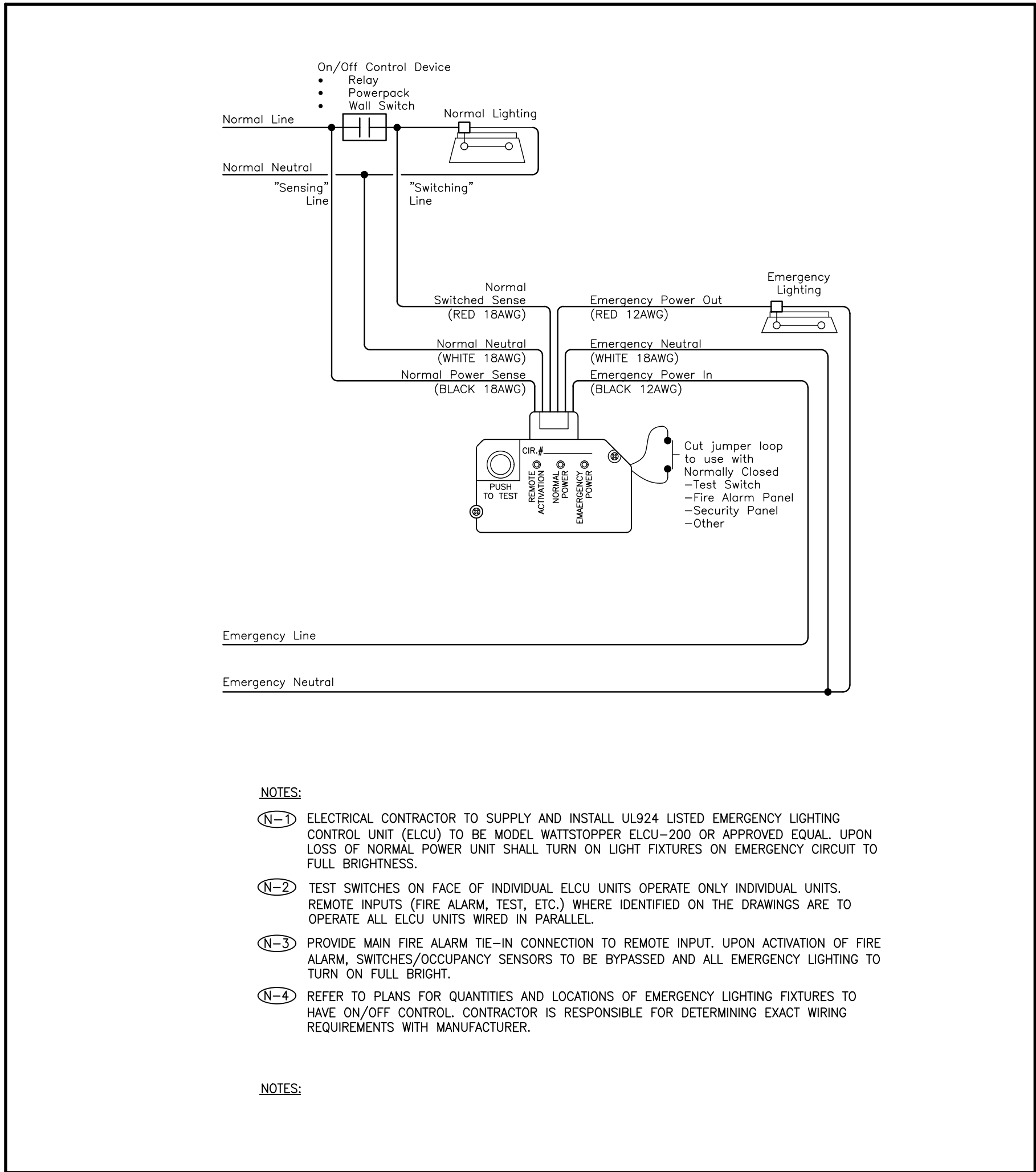
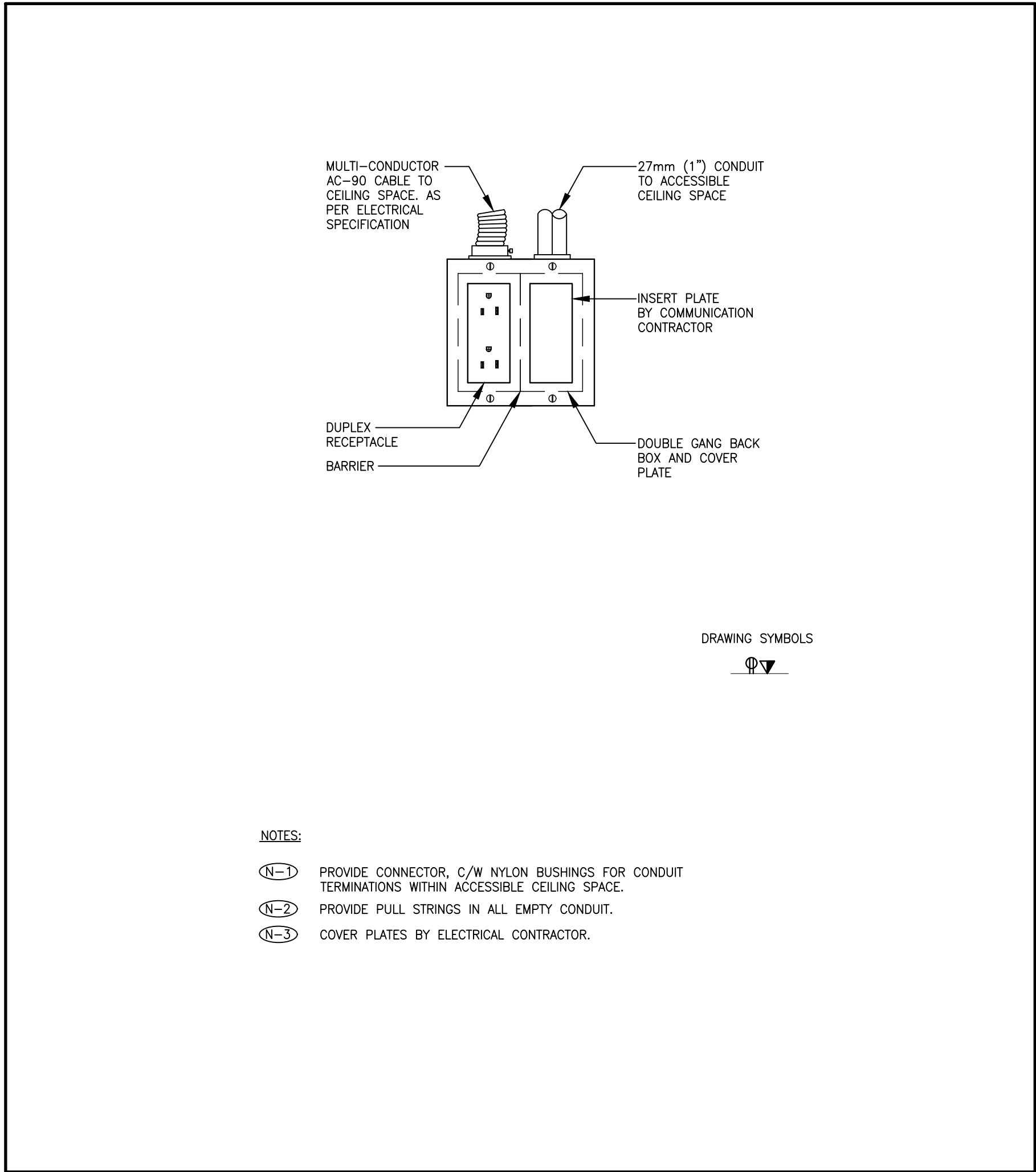
**NOTES**

(N-1) ALL FIXTURES SHALL BE APPROVED FOR USE IN CANADA (E.G. CSA, ULIC).

(N-2) FIXTURES C/W ALL REQUIRED MOUNTING ACCESSORIES.

(N-3) CONFIRM ALL FINISHES AND MOUNTING HEIGHTS WITH ARCHITECTURAL DRAWINGS PRIOR TO ORDERING.

**1 LUMINAIRE SCHEDULE**  
**E-02** SCALE: N.T.S.



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**York Region**  
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5	2023-09-27	ISSUED FOR 95% REVIEW
6	2023-11-17	ISSUED FOR PERMIT/TENDER
7	2024-03-15	ISSUED FOR CONSTRUCTION

PROJECT CONTACT

NAME: Ehsan Nagahi  
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EMAIL: ehsan.nagahi@smithandandersen.com

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ELECTRICAL SPECIFICATION SUBMITTED FOR THIS PROJECT.



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DEPARTMENT: BUILDING & FACILITIES

FLOOR: GROUND

BASE DATE: JULY 2020

PROJECT:

**PROJECT #**  
**RFTC-1131-23-C22020**

**YORK REGION**

Administrative Centre  
17250 Yonge Street  
Newmarket, Ontario

SCALE: AS SHOWN

DRAWN BY: PH

SUBMITTED TO: MUNICIPALITY OF YORK

SHEET TITLE:

**ELECTRICAL DETAILS**

SHEET NUMBER:

**TE-0.2**



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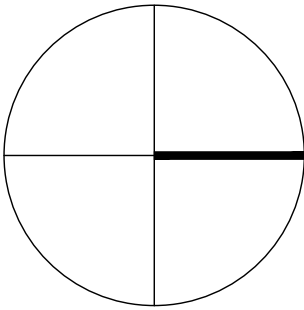
PROPERTY SERVICES

SUBMISSION	DATE	DESCRIPTION
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3	2024-03-15	ISSUED FOR CONSTRUCTION

PROJECT CONTACT

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SCALE: N.T.S.

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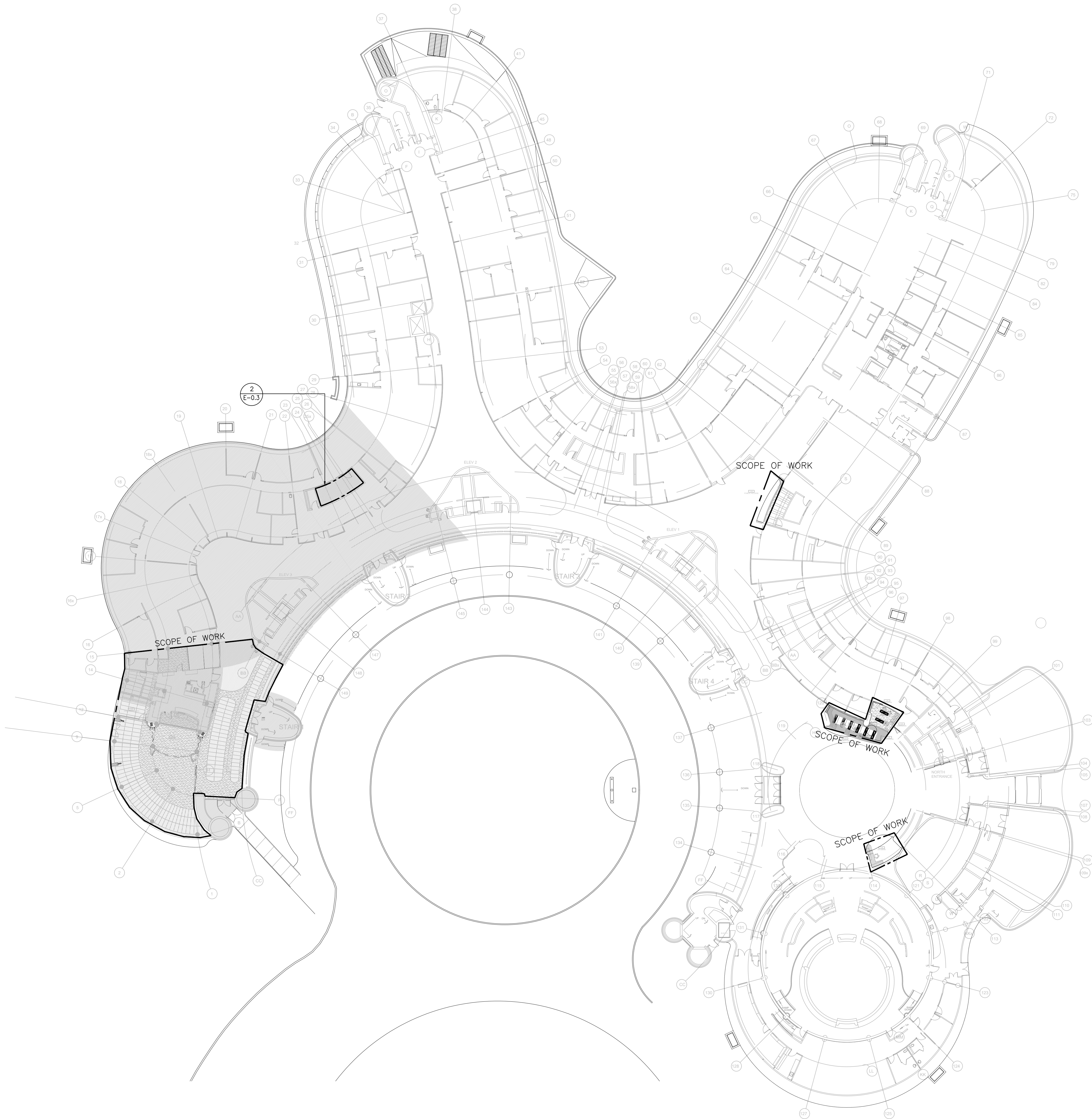
SUBMITTED TO: MUNICIPALITY OF YORK

SHEET TITLE:

KEY PLAN

SHEET NUMBER:

TE-0.3





- GENERAL NOTES:**
1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS FOR DIMENSIONS, HEIGHTS, CONSTRUCTION DETAILING, FINISHES AND COLOURS.
  2. ALL EXISTING/RELOCATED BASE BUILDING STANDARD LUMINAIRES AND RELOCATED RECESSED DOWN LIGHTS SHALL BE CHAIN HUNG AND SUPPORTED FROM THE SLAB ABOVE. PROVIDE LETTER TO BE INCLUDED AS PART OF CLOSE-OUT DOCUMENT SUBMITTAL PACKAGE.
  3. REWORK EXISTING EMERGENCY LIGHTING TO ACHIEVE NEW EMERGENCY LIGHTING AS SHOWN. CONNECT NEW AND/OR RELOCATED LUMINAIRES TO NEAREST EMERGENCY LIGHTING CIRCUITS ON THIS FLOOR. IF NEW EMERGENCY BRANCH CIRCUITS ARE REQUIRED FOR EMERGENCY LIGHTING AND EXISTING EMERGENCY LIGHTING PANEL IS LOCATED ON A DIFFERENT STOREY (i.e. NOT LOCATED ON SAME FLOOR), THEN NEW BRANCH CIRCUIT WIRING SHALL BE 2-HOUR FIRE RATED (i.e. MI CABLE) TO FIRST EMERGENCY LIGHT FED. IF EXISTING EMERGENCY LIGHTING PANEL IS LOCATED ON THE SAME STOREY, THE NEW BRANCH CIRCUIT WIRING DOES NOT NEED TO BE FIRE RATED. PROVIDE LOCK-ON BREAKERS TO SUIT.
  4. MEASURE THE ILLUMINATION OF THE FLOOR AT NIGHT WITH EMERGENCY LIGHTING ON ONLY, AND SEND A DRAWING SHOWING THE MAXIMUM AND MINIMUM LEVEL OF ILLUMINATION, TO THE CONSULTING ENGINEER, FOR REVIEW. PROVIDE WRITTEN CONFIRMATION THAT EMERGENCY LIGHTING HAS BEEN INSTALLED IN ACCORDANCE WITH CONTRACT DOCUMENTS AND LATEST EDITION OF THE ONTARIO BUILDING CODE SECTIONS 3.2.7.3 AND 3.2.7.4. LETTER TO BE INCLUDED AS PART OF CLOSE-OUT DOCUMENT SUBMITTAL PACKAGE.
  5. PROVIDE NEW PICTOGRAM (RUNNING MAN) TYPE EXIT SIGNS, EQUAL TO THOMAS AND BETTS EA SERIES COMPLETE WITH BRUSHED ALUMINUM FINISH, FACES AND INDICATOR ARROWS AS PER DRAWINGS AND UNIVERSAL 120-347VAC/6-24VDC VOLTAGE INPUT UNLESS OTHERWISE NOTED. OR - MATCH EXISTING BASE BUILDING STANDARD UNLESS OTHERWISE NOTED. CONNECT NEW EXIT SIGNS TO THE NEAREST AVAILABLE SPARE EXIT LIGHTING CIRCUIT. DO NOT OVERLOAD THE CIRCUIT. ALLOW FOR THREE (3) ADDITIONAL EXIT SIGNS (COMPLETE WITH MATERIAL AND LABOUR) TO BE INSTALLED AS PER BUILDING INSPECTORS REQUIREMENTS UPON FINAL INSPECTION.
  6. LOCATE AND POSITION EXIT SIGNS SUCH THAT THEY DO NOT INTERFERE WITH ADJACENT EXIT SIGNS AND EMERGENCY LIGHTING COVERAGE.
  7. ALL MODIFICATIONS TO FIRE ALARM SYSTEM AND DEVICES TO BE COMPLETED BY BASE BUILDING FIRE ALARM CONTRACTOR AND VENDOR/MANUFACTURER. BASE BUILDING FIRE ALARM CONTRACTOR/VENDOR/MANUFACTURER IS RESPONSIBLE TO ENSURE THAT ALL ADDITIONAL COMPONENTS (MATERIAL, SOFTWARE, INCLUDING ANY LABOUR TO INSTALL OR MODIFY FIRE ALARM DEVICES) ARE INCLUDED FOR BASED ON ISSUED DRAWINGS. ELECTRICAL CONTRACTOR TO ALLOW FOR ALL ASSOCIATED COSTS. NEW FIRE ALARM SPEAKER/STROBES ARE TO MATCH EXISTING AND BE CONNECTED TO NEAREST AVAILABLE SPARE EMERGENCY ZONE CIRCUIT(S). CONNECT NEW SPEAKER/STROBES TO EXISTING CIRCUITS, WHERE THERE IS SPARE CAPACITY ON RESPECTIVE CIRCUITS. IF THERE IS NO CAPACITY ON EXISTING CIRCUITS, PROVIDE NEW FIRE ALARM CIRCUITS. ALLOW FOR ALL ASSOCIATED COSTS INCLUDING, BUT NOT LIMITED TO: ASSOCIATED EQUIPMENT, DEVICES, PROGRAMMING, TESTING AND VERIFICATION TO MAKE SYSTEM OPERATIONAL AND CODE COMPLIANT. ALL FIRE ALARM VERIFICATION SHALL CONFORM TO CAN/ULC-S537 LATEST EDITION. FIRE ALARM SYSTEM SHALL BE INSTALLED IN CONFORMANCE WITH CAN/ULC-S524 LATEST EDITION.
  8. ENSURE THAT ALL LIGHTING FIXTURES ARE CLEAN AND ILLUMINATED BY END OF PROJECT.
  9. REUSE EXISTING CIRCUIT FOUND IN CEILING SPACE FOR ALL NEW LIGHTING FIXTURES UNLESS OTHERWISE NOTED. CONTRACTOR TO PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED. NEW LOW VOLTAGE SWITCH ARRANGEMENT OF LIGHTING TO BE CO-ORDINATED WITH THE REGION AND REARRANGED TO SUIT NEW LAYOUT. ALL LIGHTING, EXCLUDING EMERGENCY, WITHIN THE TENANT PREMISES TO BE ON A SEPARATE LIGHTING ZONE AND TO BE CONTROLLED BY BASE BUILDING LIGHTING CONTROL SYSTEM. PROVIDE ALL NECESSARY RELAYS, CONTACTORS, RELAY PANELS, AND DRY INTERFACES REQUIRED FOR SUCH CONTROL. INCLUDE COST IN THIS CONTRACT.
  10. REWORK EXISTING 347V ZONE CIRCUITS TO ACHIEVE NEW LIGHTING AS SHOWN. CONNECT NEW LUMINAIRES TO NEAREST 347V ZONE LIGHTING CIRCUITS ON THIS FLOOR. PROVIDE MASTER SWITCHES AS SHOWN, IN EACH AREA TO CONTROL LIGHTING. PROVIDE ALL RELAYS AND CONTACTORS TO ACHIEVE DESIGNED FUNCTION.
  11. LIGHTING FIXTURES IDENTIFIED AS EMERGENCY ARE TO BE CONNECTED SO THAT UNDER NORMAL CONDITIONS THEY WORK IN CONJUNCTION WITH THE SWITCHING AS IDENTIFIED. IN THE EVENT OF AN EMERGENCY, THESE LIGHTS ARE TO BE FORCED ON WITH THE USE OF A UL-924 LISTED RELAY. UPON POWER FAILURE THE RELAY IS TO ACTIVATE THE LIGHTS TO FULL BRIGHTNESS. REFER TO DETAIL 2/E-0.2 FOR REQUIREMENTS.
  12. COORDINATE INSTALLATION OF FIXTURES WITH MECHANICAL EQUIPMENT, ELECTRICAL EQUIPMENT, SPRINKLERS AND DUCT WORK WITH OTHER TRADES PRIOR TO WORK COMMENCING.

**DRAWING NOTES:**

(N-) RELOCATE EXISTING DOWNLIGHTS SHOWN AS DEMOLISH DRAWING TE-1.3 AS REQUIRED. REFER TO ARCHITECTURAL DRAWING FRO THE EXACT SCOPE OF WORK AND ALL DETAILS (TYPICAL).

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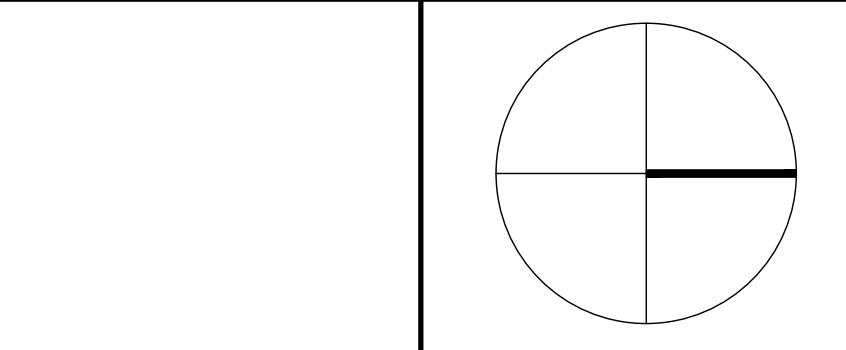
  
**York Region**  
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PROJECT CONTACT

NAME: Ehsan Nagahi  
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DEPARTMENT:	BUILDING & FACILITIES
FLOOR:	GROUND
BASE DATE:	JULY 2020

PROJECT:

**PROJECT #**  
**RFTC-1131-23-C22020**

**YORK REGION**

Administrative Centre  
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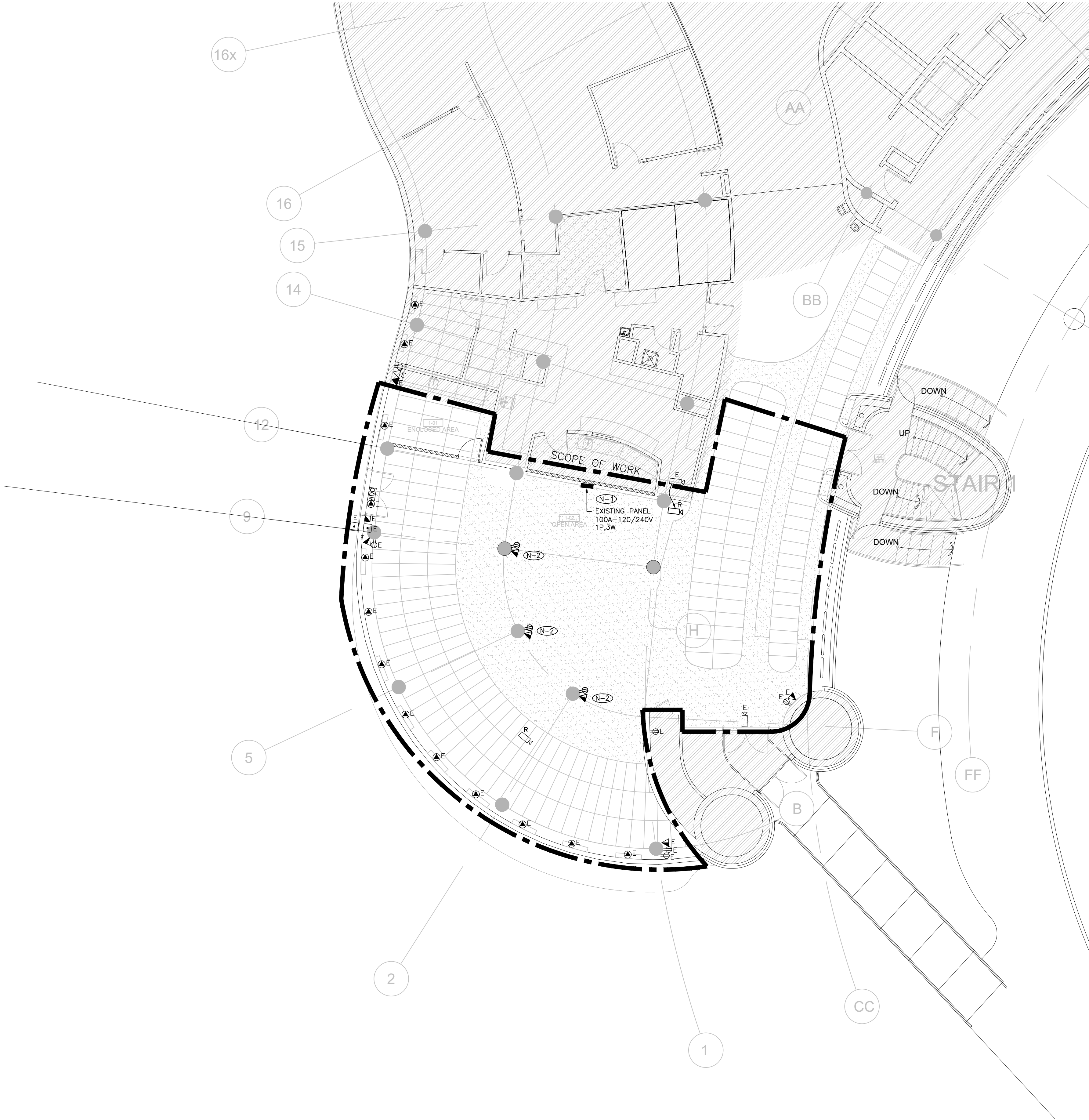
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DRAWN BY:	PH
SUBMITTED TO:	MUNICIPALITYOF YORK
SHEET TITLE:	

**GROUND FLOOR  
LIGHTING AND FIRE  
ALARM LAYOUT**

SHEET NUMBER:

**TE-1.1**





- GENERAL NOTES:
1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS FOR DIMENSIONS, HEIGHTS, CONSTRUCTION DETAILING, FINISHES AND COLOURS.
  2. CIRCUITING IN PART IS DIAGRAMMATIC INTENDED TO SHOW GENERAL CIRCUIT ARRANGEMENT AND PANEL DESIGNATION.
  3. PROVIDE EMT CONDUIT IN AREAS WITH EXPOSED CEILINGS AND WITHIN RAISED FLOOR. BX CABLING IS NOT ACCEPTABLE UNLESS OTHERWISE NOTED. BX CABLES MAY BE USED FOR FINAL CONNECTIONS TO LIGHTING FIXTURES OR EQUIPMENT WITH A MAXIMUM HORIZONTAL RUN LENGTH OF 3 FEET / 1 METER. PAINT CONDUITS TO MATCH ARCHITECTURAL BACKGROUNDS. MOUNT EXIT SIGNS, OCCUPANCY SENSORS, EXIT SIGNS, CAMERAS, WAPS AND ALL OTHER CEILING MOUNTED DEVICES WITH STEMS SUCH THAT THEY ARE ON THE SAME PLANE AS SUSPENDED LIGHTING FIXTURES. COORDINATE CEILINGS AND WALL HEIGHTS WITH INTERIOR DESIGNER DRAWINGS.
  4. REUSE CIRCUITS OBTAINED THROUGH DEMOLITION IS ACCEPTABLE.
  5. REFER TO ARCHITECT'S DRAWINGS FOR THE COLOUR OF COVERPLATES AND MOUNTING HEIGHTS.
  6. MARK UP OUTLET AND DEVICE LOCATIONS AND OBTAIN APPROVAL BY DESIGN CONSULTANT PRIOR TO INSTALLATION.
  7. PROVIDE SUITABLE LABELS ON ALL RECEPTACLES AND SYSTEM FURNITURE FEEDS. LABELS TO INCLUDE BOTH PANEL AND CIRCUIT DESIGNATION. REVIEW LABEL SIZE AND TYPE WITH CONSULTANT PRIOR TO INSTALLATION.
  8. TRACE ALL EXISTING OUTLETS, NOTED AS EXISTING, AND IDENTIFY ON AS BUILT DRAWING AS PER SPECIFICATION.
  9. CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND CONTRACTOR PRIOR TO ROUGH-INS.
  10. ROUTE ALL CONDUIT SYSTEMS AROUND DUCT WORK, BEAMS AND PIPING AS REQUIRED TO ACCOMMODATE LAYOUT SHOWN. REFER TO MECHANICAL DRAWINGS AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS.

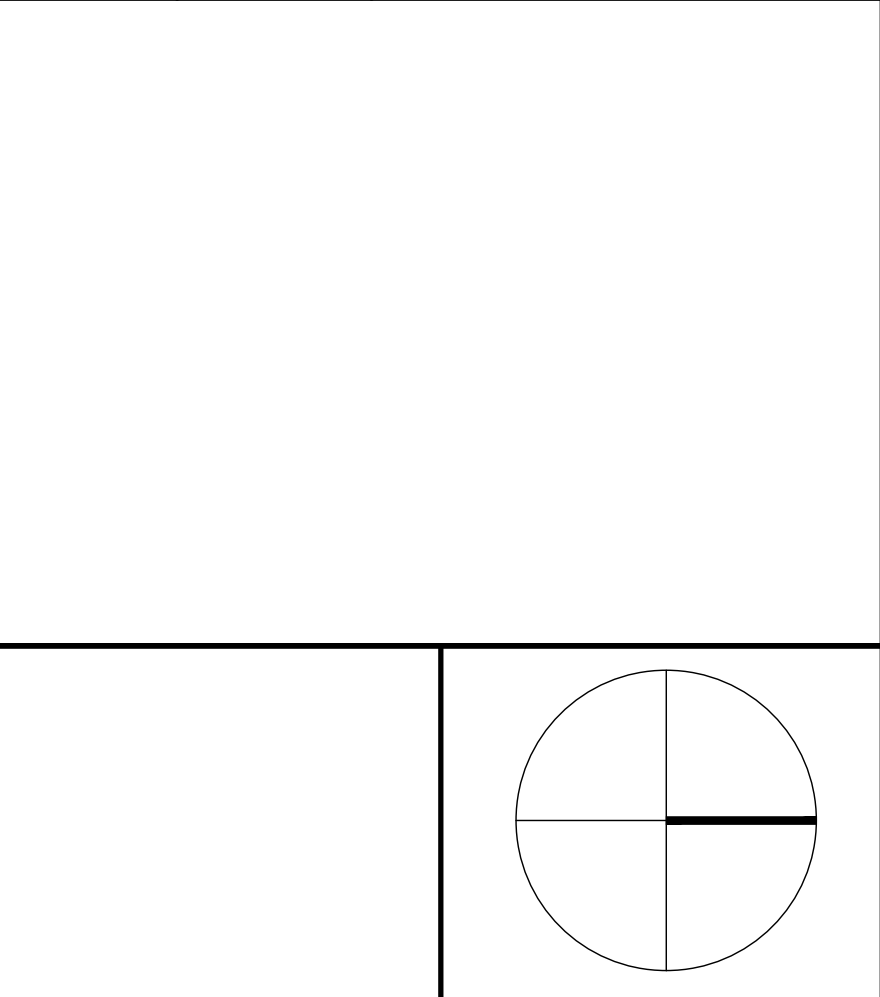
- DRAWING NOTES:
- (N-1) REMOVE AND RE-INSTALL EXISTING PANEL INSIDE KITCHEN ON THE NEW WALL.
  - (N-2) NEW RECEPTACLES SHALL BE FED FROM EXISTING CIRCUITS OBTAINED THROUGH THE DEMOLITION IN THE SPACE - ALLOW FOR ALLOW FOR ALL ASSOCIATED COST TO PROVIDE NEW CIRCUIT FROM PANEL IN THE SPACE AS REQUIRED.

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DEPARTMENT: BUILDING & FACILITIES

FLOOR: GROUND

BASE DATE: JULY 2020

PROJECT:

**PROJECT #**  
**RFTC-1131-23-C22020**

**YORK REGION**  
Administrative Centre  
17250 Yonge Street  
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SCALE: 1:100

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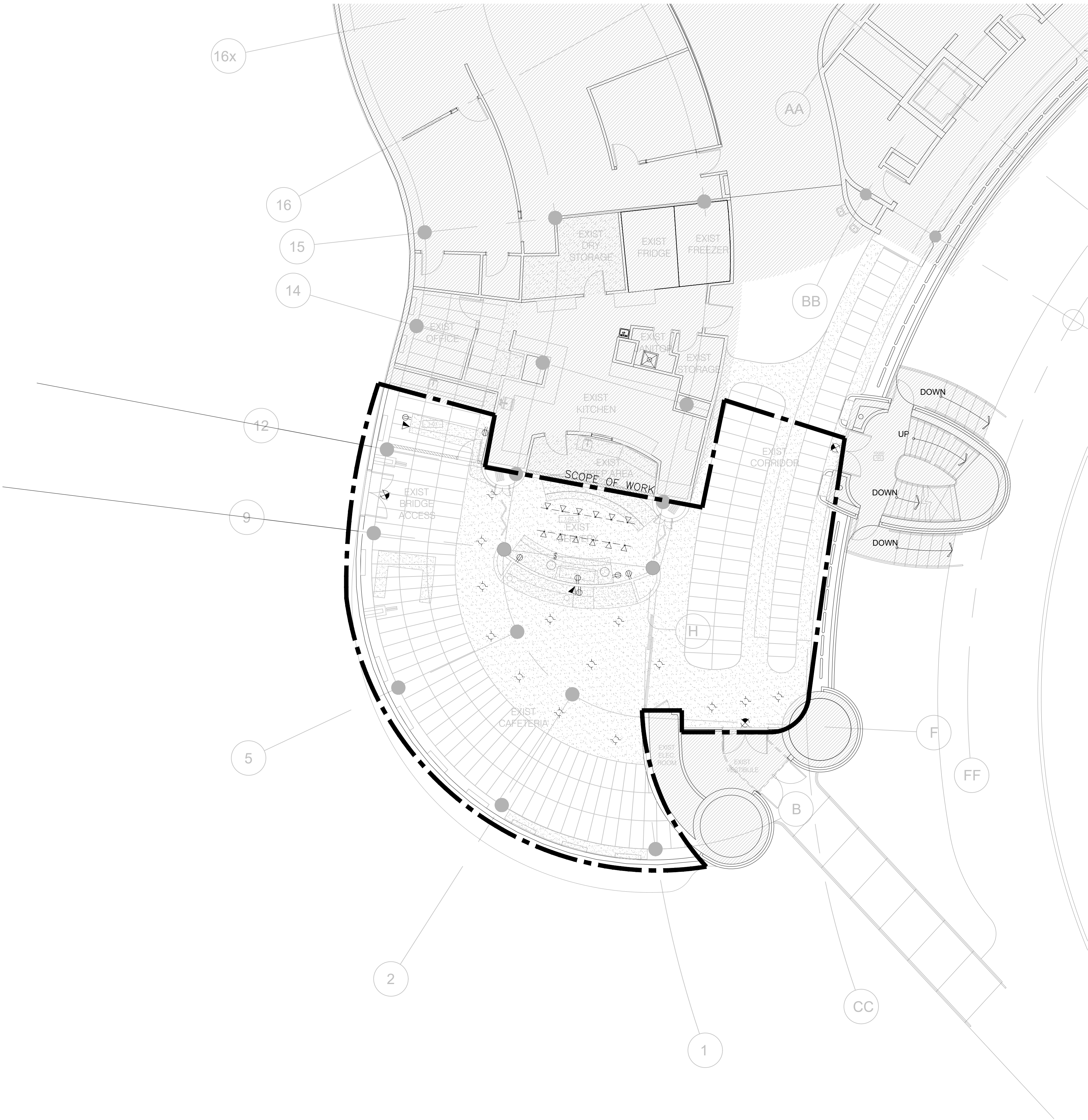
SUBMITTED TO: MUNICIPALITY OF YORK

SHEET TITLE:

**GROUND FLOOR  
POWER AND  
SYSTEMS LAYOUT**

SHEET NUMBER:

**TE-1.2**



- GENERAL NOTES:
1. REFER TO THE INTERIOR DESIGNER'S/ARCHITECT'S DRAWINGS TO DETERMINE COMPLETE EXTENT OF DEMOLITION AND ALLOW FOR ALL COSTS. COMPLETE EXTENT OF DEMOLITION IS NOT SHOWN.
  2. REMOVE ALL FLOOR, COLUMN, CEILING, AND WALL MOUNTED POWER, TELEPHONE/DATA OUTLETS, CABLING AND CONDUIT NOT REQUIRED, TO SUIT NEW LAYOUT AND MAKE SAFE. VISIT SITE TO DETERMINE EXACT REQUIREMENTS AND REFER TO DEMOLITION DRAWINGS.
  3. MAKE GOOD ALL CORE HOLES FROM ELECTRICAL EQUIPMENT AND DEVICES DISCONNECTED, RELOCATED AND OR REMOVED IN THIS PROJECT.
  4. ENSURE THAT ALL EXISTING ELECTRICAL DEVICES, EQUIPMENT AND LIGHTING WITHIN BASE BUILDING ROOMS, STAIRWELLS AND AREAS DEEMED NOT IN SCOPE, REMAIN LIVE OPERATIONAL, ISOLATED AND PROTECTED DURING CONSTRUCTION.
  5. COORDINATE ALL WORK TO SUIT PROJECT PHASE SCHEDULE. COORDINATE PHASING WITH ARCHITECT/INTERIOR DESIGN/GC DRAWINGS. PHASING IF SHOWN IS FOR REFERENCE PURPOSES ONLY.
  6. EXISTING CONDITIONS SHOWN ARE BASED ON DRAWINGS, FIELD SURVEY AND INFORMATION PROVIDED BY LANDLORD. ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THOSE SHOWN HERE SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER PRIOR TO BIDDING.
  7. NO ADDITIONAL COST WILL BE APPROVED FOR ANY REVISIONS/MODIFICATIONS REQUIRED BY ANY TRADE OR CONTRACTOR DUE TO THE LACK OF COORDINATION BETWEEN TRADES AND CONTRACTORS.
  8. COORDINATE WITH GENERAL CONTRACTOR AND LANDLORD FOR DISPOSAL OF ALL MATERIALS FROM SITE.
  9. EXISTING FIRE ALARM DEVICES SHALL BE COILED AND FULLY FUNCTIONAL THROUGHOUT DEMOLITION CONSTRUCTION. NEW FIRE ALARM DEVICES SHALL BE PROVIDED AS PART OF NEW CONSTRUCTION PHASE. REFER TO PHASING SCHEDULE FOR CONSTRUCTION SCHEDULING.
  10. ELECTRICAL CONTRACTOR TO PROVIDE TEMPORARY EMERGENCY LIGHTING FOR ENTIRE SPACE TO ACCOMMODATE DEMOLITION WORK AND FUTURE BUILD-OUT. ENSURE FIXTURES ARE CHAIN HUNG AND SUPPORTED FROM THE CEILING SLAB/STRUCTURE ABOVE.
  11. EXISTING EXIT SIGNS SHALL BE MAINTAINED THROUGHOUT DEMOLITION CONSTRUCTION. PROVIDE TEMPORARY SUPPORT FROM THE CEILING SLAB/STRUCTURE ABOVE. NEW EXIT SIGNS SHALL BE PROVIDED AS PART OF NEW CONSTRUCTION PHASE.

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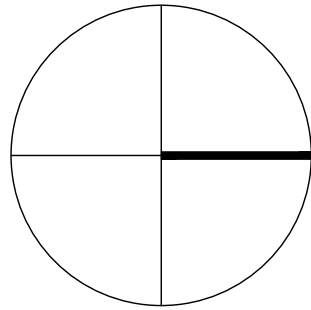


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YORK REGION

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SCALE: 1:100

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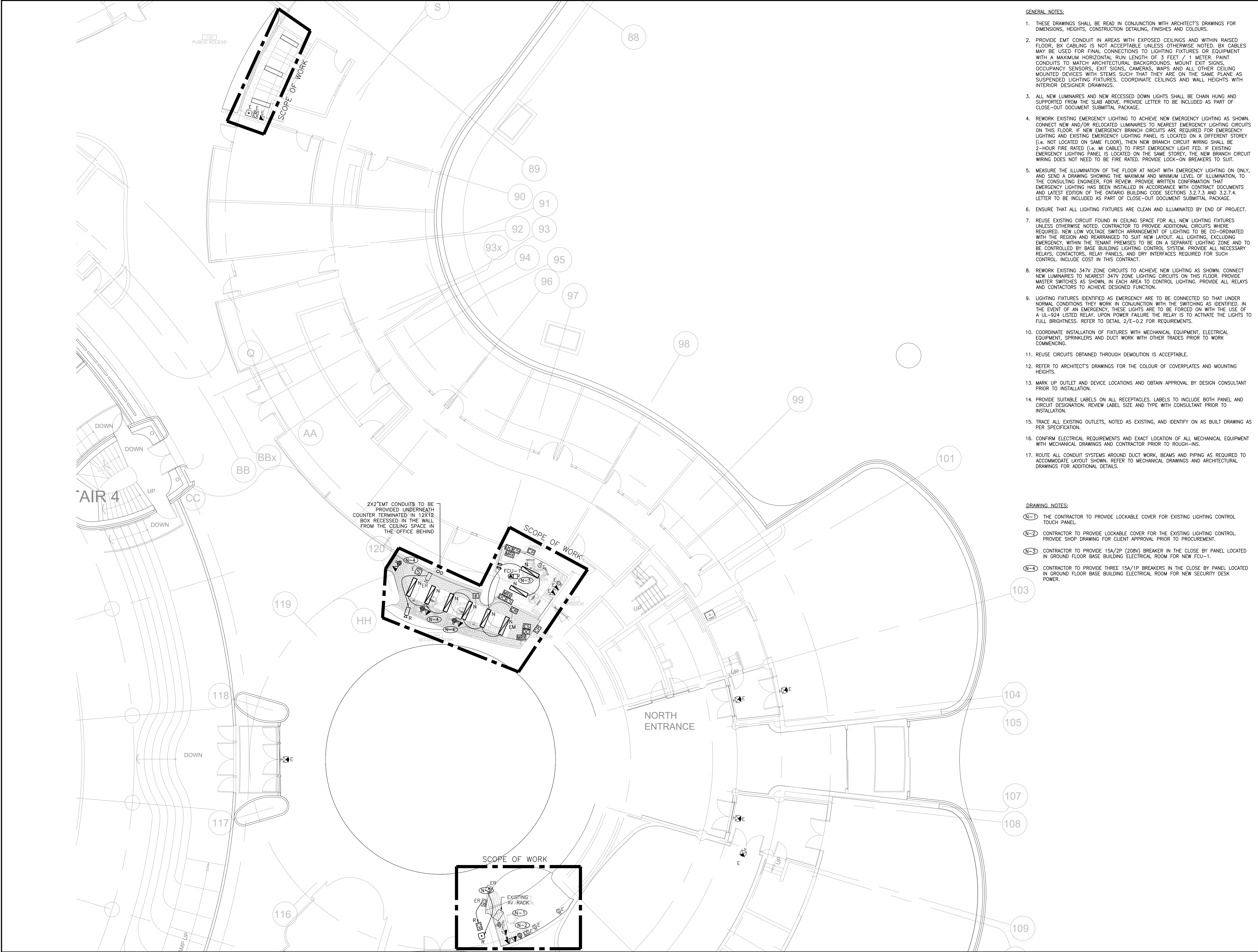
SHEET TITLE:

GROUND FLOOR  
ELECTRICAL  
DEMOLITION LAYOUT

SHEET NUMBER:

TE-1.3





- GENERAL NOTES:**
- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS FOR DIMENSIONS, HEIGHTS, CONSTRUCTION DETAILING, FINISHES AND COLOURS.
  - PROVIDE EMT CONDUIT IN AREAS WITH EXPOSED CEILINGS AND WITHIN RAISED FLOOR. BY CABLING IS NOT ACCEPTABLE UNLESS OTHERWISE NOTED. BY CABLES MAY BE USED FOR FINAL CONNECTIONS TO LIGHTING FIXTURES OR EQUIPMENT WITH A MAXIMUM HORIZONTAL RUN LENGTH OF 3 FEET / 1 METER. PAINT CONDUITS TO MATCH ARCHITECTURAL BACKGROUNDS. MOUNT EXIT SIGNS, OCCUPANCY SENSORS, EXIT SIGNS, CAMERAS, WAPS AND ALL OTHER CEILING MOUNTED DEVICES WITH STEMS SUCH THAT THEY ARE ON THE SAME PLANE AS SUSPENDED LIGHTING FIXTURES. COORDINATE CEILINGS AND WALL HEIGHTS WITH INTERIOR DESIGNER DRAWINGS.
  - ALL NEW LUMINAIRES AND NEW RECESSED DOWN LIGHTS SHALL BE CHAIN HUNG AND SUPPORTED FROM THE SLAB ABOVE. PROVIDE LETTER TO BE INCLUDED AS PART OF CLOSE-OUT DOCUMENT SUBMITTAL PACKAGE.
  - REWORK EXISTING EMERGENCY LIGHTING TO ACHIEVE NEW EMERGENCY LIGHTING AS SHOWN. CONNECT NEW AND/OR RELOCATED LUMINAIRES TO NEAREST EMERGENCY LIGHTING CIRCUITS ON THIS FLOOR. IF NEW EMERGENCY BRANCH CIRCUITS ARE REQUIRED FOR EMERGENCY LIGHTING AND EXISTING EMERGENCY LIGHTING PANEL IS LOCATED ON A DIFFERENT STOREY (i.e. NOT LOCATED ON SAME FLOOR), THEN NEW BRANCH CIRCUIT WIRING SHALL BE 2-HOUR FIRE RATED (i.e. MI CABLE) TO FIRST EMERGENCY LIGHT FEED. IF EXISTING EMERGENCY LIGHTING PANEL IS LOCATED ON THE SAME STOREY, THE NEW BRANCH CIRCUIT WIRING DOES NOT NEED TO BE FIRE RATED. PROVIDE LOCK-ON BREAKERS TO SUIT.
  - MEASURE THE ILLUMINATION OF THE FLOOR AT NIGHT WITH EMERGENCY LIGHTING ON ONLY, AND SEND A DRAWING SHOWING THE MAXIMUM AND MINIMUM LEVEL OF ILLUMINATION, TO THE CONSULTING ENGINEER, FOR REVIEW. PROVIDE WRITTEN CONFIRMATION THAT EMERGENCY LIGHTING HAS BEEN INSTALLED IN ACCORDANCE WITH CONTRACT DOCUMENTS AND LATEST EDITION OF THE ONTARIO BUILDING CODE SECTIONS 3.2.7.3 AND 3.2.7.4. LETTER TO BE INCLUDED AS PART OF CLOSE-OUT DOCUMENT SUBMITTAL PACKAGE.
  - ENSURE THAT ALL LIGHTING FIXTURES ARE CLEAN AND ILLUMINATED BY END OF PROJECT.
  - REUSE EXISTING CIRCUIT FOUND IN CEILING SPACE FOR ALL NEW LIGHTING FIXTURES UNLESS OTHERWISE NOTED. CONTRACTOR TO PROVIDE ADDITIONAL CIRCUITS WHERE REQUIRED. NEW LOW VOLTAGE SWITCH ARRANGEMENT OF LIGHTING TO BE CO-ORDINATED WITH THE REGION AND REARRANGED TO SUIT NEW LAYOUT. ALL LIGHTING, EXCLUDING EMERGENCY, WITHIN THE TENANT PREMISES TO BE ON A SEPARATE LIGHTING ZONE AND TO BE CONTROLLED BY BASE BUILDING LIGHTING CONTROL SYSTEM. PROVIDE ALL NECESSARY RELAYS, CONTACTORS, RELAY PANELS, AND DRY INTERFACES REQUIRED FOR SUCH CONTROL. INCLUDE COST IN THIS CONTRACT.
  - REWORK EXISTING 347V ZONE CIRCUITS TO ACHIEVE NEW LIGHTING AS SHOWN. CONNECT NEW LUMINAIRES TO NEAREST 347V ZONE LIGHTING CIRCUITS ON THIS FLOOR. PROVIDE MASTER SWITCHES AS SHOWN. IN EACH AREA TO CONTROL LIGHTING. PROVIDE ALL RELAYS AND CONTACTORS TO ACHIEVE DESIGNED FUNCTION.
  - LIGHTING FIXTURES IDENTIFIED AS EMERGENCY ARE TO BE CONNECTED SO THAT UNDER NORMAL CONDITIONS THEY WORK IN CONJUNCTION WITH THE SWITCHING AS IDENTIFIED. IN THE EVENT OF AN EMERGENCY, THESE LIGHTS ARE TO BE FORCED ON WITH THE USE OF A UL-924 LISTED RELAY. UPON POWER FAILURE THE RELAY IS TO ACTIVATE THE LIGHTS TO FULL BRIGHTNESS. REFER TO DETAIL 2/E-0.2 FOR REQUIREMENTS.
  - COORDINATE INSTALLATION OF FIXTURES WITH MECHANICAL EQUIPMENT, ELECTRICAL EQUIPMENT, SPRINKLERS AND DUCT WORK WITH OTHER TRADES PRIOR TO WORK COMMENCING.
  - REUSE CIRCUITS OBTAINED THROUGH DEMOLITION IS ACCEPTABLE.
  - REFER TO ARCHITECT'S DRAWINGS FOR THE COLOUR OF COVERPLATES AND MOUNTING HEIGHTS.
  - MARK UP OUTLET AND DEVICE LOCATIONS AND OBTAIN APPROVAL BY DESIGN CONSULTANT PRIOR TO INSTALLATION.
  - PROVIDE SUITABLE LABELS ON ALL RECEPTACLES. LABELS TO INCLUDE BOTH PANEL AND CIRCUIT DESIGNATION. REVIEW LABEL SIZE AND TYPE WITH CONSULTANT PRIOR TO INSTALLATION.
  - TRACE ALL EXISTING OUTLETS, NOTED AS EXISTING, AND IDENTIFY ON AS BUILT DRAWING AS PER SPECIFICATION.
  - CONFIRM ELECTRICAL REQUIREMENTS AND EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND CONTRACTOR PRIOR TO ROUGH-INS.
  - ROUTE ALL CONDUIT SYSTEMS AROUND DUCT WORK, BEAMS AND PIPING AS REQUIRED TO ACCOMMODATE LAYOUT SHOWN. REFER TO MECHANICAL DRAWINGS AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL DETAILS.

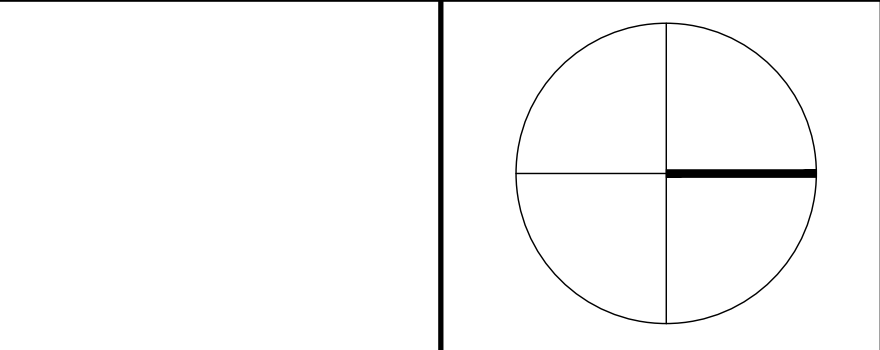
- DRAWING NOTES:**
- (N-1)** THE CONTRACTOR TO PROVIDE LOCKABLE COVER FOR EXISTING LIGHTING CONTROL TOUCH PANEL.
  - (N-2)** CONTRACTOR TO PROVIDE LOCKABLE COVER FOR THE EXISTING LIGHTING CONTROL. PROVIDE SHOP DRAWING FOR CLIENT APPROVAL PRIOR TO PROCUREMENT.
  - (N-3)** CONTRACTOR TO PROVIDE 15A/2P (208V) BREAKER IN THE CLOSE BY PANEL LOCATED IN GROUND FLOOR BASE BUILDING ELECTRICAL ROOM FOR NEW FCU-1.
  - (N-4)** CONTRACTOR TO PROVIDE THREE 15A/1P BREAKERS IN THE CLOSE BY PANEL LOCATED IN GROUND FLOOR BASE BUILDING ELECTRICAL ROOM FOR NEW SECURITY DESK POWER.

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**York Region**  
PROPERTY SERVICES

SUBMISSION	DATE	DESCRIPTION
1	2023-08-29	ISSUED FOR 60% REVIEW
2	2023-09-27	ISSUED FOR 95% REVIEW
3	2023-11-17	ISSUED FOR PERMIT/TENDER
4	2024-03-15	ISSUED FOR CONSTRUCTION



  
**Smith + Andersen**  
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416 487 8151 f 416 487 8104 smithandandersen.com

DEPARTMENT:	BUILDING & FACILITIES
FLOOR:	GROUND
BASE DATE:	JULY 2020

PROJECT:

**PROJECT #**  
**RFTC-1131-23-C22020**

**YORK REGION**

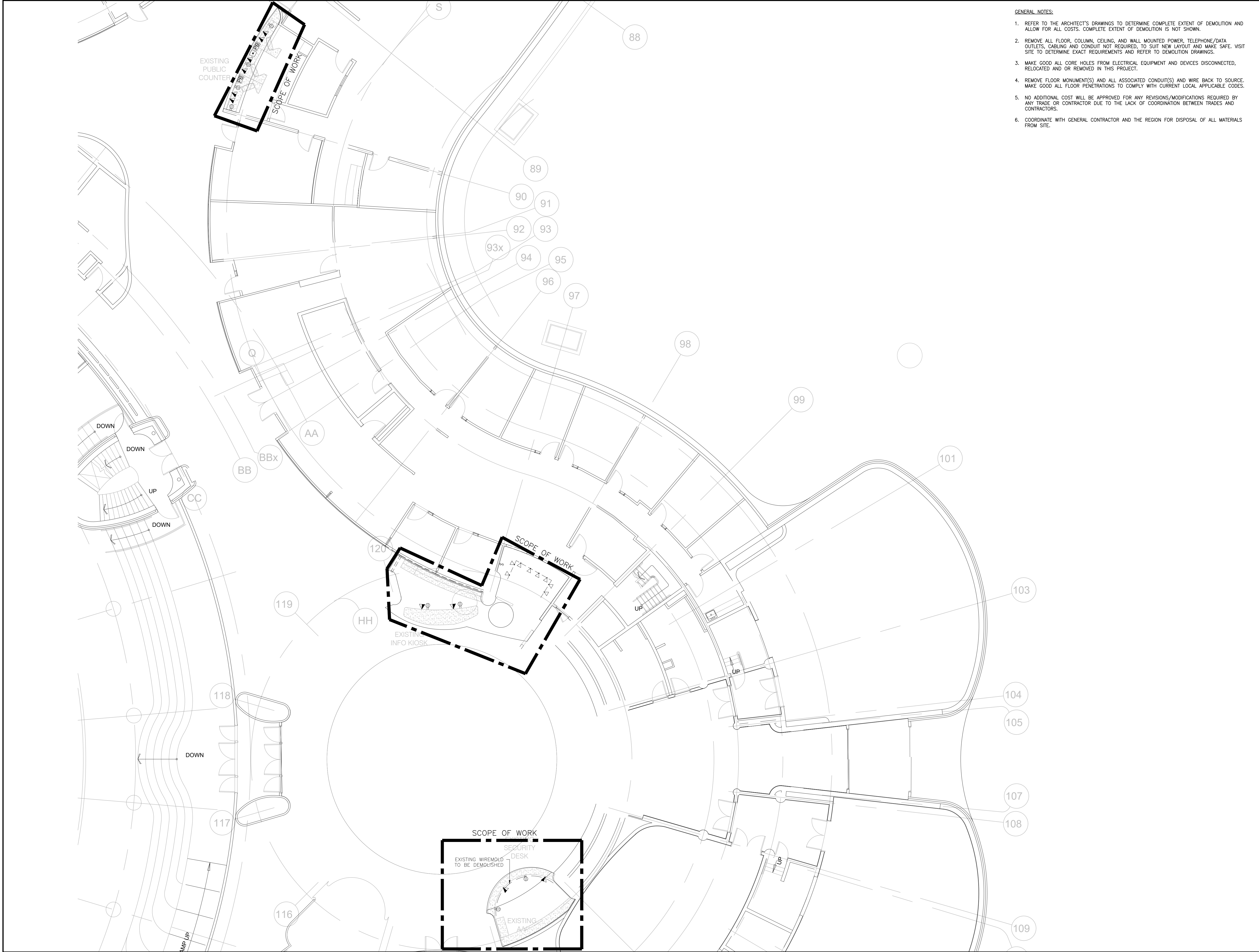
Administrative Centre  
17250 Yonge Street  
Newmarket, Ontario

SCALE:	1:100
DRAWN BY:	AS
SUBMITTED TO:	MUNICIPALITYOF YORK
SHEET TITLE:	

**GROUND FLOOR  
ELECTRICAL LAYOUT**

SHEET NUMBER:

**TE-1.4**



- GENERAL NOTES:
1. REFER TO THE ARCHITECT'S DRAWINGS TO DETERMINE COMPLETE EXTENT OF DEMOLITION AND ALLOW FOR ALL COSTS. COMPLETE EXTENT OF DEMOLITION IS NOT SHOWN.
  2. REMOVE ALL FLOOR, COLUMN, CEILING, AND WALL MOUNTED POWER, TELEPHONE/DATA OUTLETS, CABLING AND CONDUIT NOT REQUIRED, TO SUIT NEW LAYOUT AND MAKE SAFE. VISIT SITE TO DETERMINE EXACT REQUIREMENTS AND REFER TO DEMOLITION DRAWINGS.
  3. MAKE GOOD ALL CORE HOLES FROM ELECTRICAL EQUIPMENT AND DEVICES DISCONNECTED, RELOCATED AND OR REMOVED IN THIS PROJECT.
  4. REMOVE FLOOR MONUMENT(S) AND ALL ASSOCIATED CONDUIT(S) AND WIRE BACK TO SOURCE. MAKE GOOD ALL FLOOR PENETRATIONS TO COMPLY WITH CURRENT LOCAL APPLICABLE CODES.
  5. NO ADDITIONAL COST WILL BE APPROVED FOR ANY REVISIONS/MODIFICATIONS REQUIRED BY ANY TRADE OR CONTRACTOR DUE TO THE LACK OF COORDINATION BETWEEN TRADES AND CONTRACTORS.
  6. COORDINATE WITH GENERAL CONTRACTOR AND THE REGION FOR DISPOSAL OF ALL MATERIALS FROM SITE.

**G.Bruce Stratton Architects**


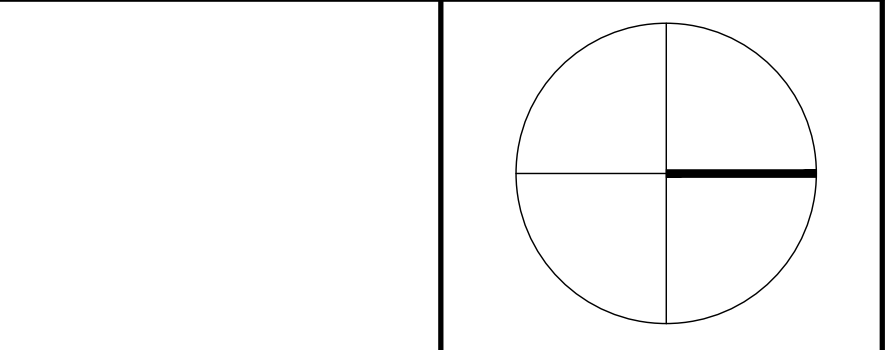
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**GROUND FLOOR  
ELECTRICAL  
DEMOLITION LAYOUT**

SHEET NUMBER:

**TE-1.5**