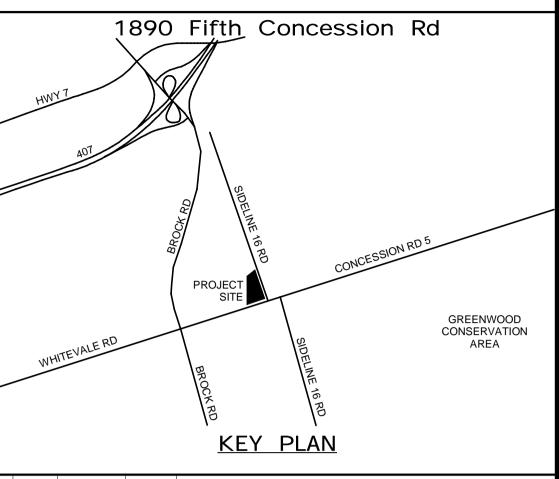


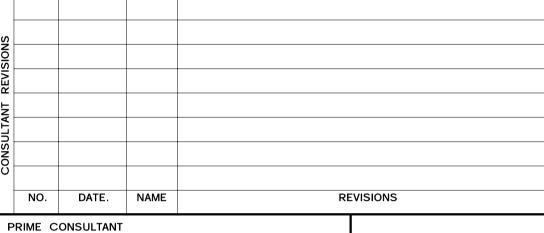
R	
R REC	EXISTING DEVICES/EQUIPMENT TO BE REMOVED RECEPTACLE
s	
SB SN SW	SOLAR LIGHT BOLLARD SOLID NEUTRAL SWITCH
т	
TL TVSS TW TYP	TWIST LOCK TRANSIENT VOLTAGE SURGE SUPPRESSOR TWISTED TYPICAL
u —	
UG ULC	UNDERGROUND UNDERWRITERS LABORATORIES OF CANADA
v	
V	VOLTS
w	
W WG WP	WIRE WIRE GUARD WEATHER PROOF
х	
XFMR	TRANSFORMER

Δ [LIGHTING
A	CEILING MOUNTED LED FIXTURE. 'A' DENOTES TYPE, REFER TO SCHEDULE. '#' INDICATES CIRCUIT NUMBER
A	CEILING MOUNTED LED FIXTURE. 'A' DENOTES TYPE, REFER TO SCHEDULE. '#' INDICATES CIRCUIT NUMBER
A	BARE FLUORESCENT STRIP. 'A' DENOTES TYPE, REFER TO SCHEDULE. '#' INDICATES CIRCUIT NUMBER
# 	WALL MOUNTED LED FIXTURE. 'A' DENOTES TYPE. REFER TO SCHEDULE. '#'
# A	INDICATES CIRCUIT NUMBER WALL MOUNTED LIGHT FIXTURE. 'A' DENOTES TYPE, REFER TO SCHEDULE. '#'
#	INDICATES CIRCUIT NUMBER
A ()	CEILING MOUNTED LIGHT FIXTURE. 'A' DENOTES TYPE, REFER TO SCHEDULE. '#' INDICATES CIRCUIT NUMBER
WP #	WALL PACK OUTDOOR LIGHTING FIXTURE, 'WP' DENOTES TYPE, REFER TO SCHEDULE. '#' INDICATES CIRCUIT NUMBER
A A A	FIXTURE CONNECTED TO EMERGENCY LIGHTING CIRCUIT
A A A A A A A A A A A A A A A A A A A	POLE MOUNTED LIGHT FIXTURE STANDARD TYPE, SINGLE, DOUBLE, THREE
*	AND FOUR HEADS. 'A' DENOTES TYPE , REFER TO SCHEDULE
	PHOTOCELL - CEILING, WALL MOUNTED
<u> </u>	120V, 15AMP SINGLE POLE TOGGLE SWITCH. XX INDICATES THE FOLLOWING:
\$xx	3 = 3 WAY SWITCH 4 = 4 WAY SWITCH
	F = FAN SWITCH K = KEY SWITCH L = LOW VOLTAGE SWITCH
	M = MASTER SWITCH P = PROJECTION SCREEN SWITCH T = TIMER SWITCH
	T = TIMER SWITCH DIM = DIMMER MB = MOTORIZED BLINDS SWITCH
	OR = OVERRIDE 20 = 20 AMP EF = EXHAUST FAN SWITCH WITH RED PILOT LIGHT
	OS = OCCUPANCY SENSOR OSD = OCCUPANCY SENSOR WITH DIMMING
S \$ \$	WP = WEATHER PROOF SWITCH - TWO, THREE & FOUR GANG
	LIGHTING CONTACTOR
LC	WALL MOUNTED EMERGENCY LIGHTING C/W SINGLE REMOTE HEAD
<u></u>	CONNECTED TO EMERGENCY BATTERY UNIT AS INDICATED. WALL MOUNTED EMERGENCY LIGHTING C/W DOUBLE REMOTE HEADS
Q Ø	CONNECTED TO EMERGENCY BATTERY UNIT AS INDICATED.
	EMERGENCY BATTERY UNIT C/W HEADS AS INDICATED
Ø Ø BU-1 ⊠ − Ø	EMERGENCY BATTERY UNIT C/W HEADS AS INDICATED & RECEPTACLE
	EMERGENCY BATTERY UNIT C/W HEADS AS INDICATED & RECEPTACLE & EXIT SIGN
	RECESSED CEILING MOUNTED EMERGENCY LUMINAIRES SINGLE REMOTE HEAD.
፟ 💆	EXIT SIGN, SINGLE FACE, WALL MOUNTED
×	EXIT SIGN, SINGLE FACE, CEILING MOUNTED, C/W DIRECTIONAL ARROWS
† ₽†	EXIT SIGN, DUAL FACE, WALL MOUNTED, C/W DIRECTIONAL ARROWS
	EXIT SIGN, DUAL FACE, CEILING MOUNTED, C/W DIRECTIONAL ARROWS
	CEILING MOUNTED EXIT LIGHT SIGN, WITH EMERGENCY HEADS. ARROWS DENOTE DIRECTION
1201	
	DIGITAL LIGHTING CONTROL DIGITAL MANUAL SWITCH
\$ _D	DIGITAL MANUAL SWITCH
\$ _{DDIM}	DIGITAL MANUAL DIMMING SWITCH
\$ _s	DIGITAL MANUAL SCENE SWITCH
(\$)	WALL MOUNTED SWITCH AND OCCUPANCY SENSOR
	WALL MOUNTED DIGITAL SWITCH AND OCCUPANCY SENSOR
\$\documents	WALL MOUNTED DIGITAL DIMMING SWITCH AND OCCUPANCY SENSOR
\$\dots	
C Co	C INDICATES - CLOSED LOOP SINGLE ZONE DIGITAL PHOTOSENSOR O INDICATES - OPEN LOOP SINGLE ZONE DIGITAL PHOTOSENSOR
$(PL)_2$	DIGITAL LIGHT MANAGEMENT PLUG LOAD CONTROLLER, 2 = TWO RELAY CIRCUITS
RC3-1	DIGITAL LIGHTING ROOM CONTROLLER RC3 = 3 RELAY CIRCUITS RC2 = 2 RELAY CIRCUITS RC1 = 1 RELAY CIRCUITS
	D = DIMMING CAPABILITY WALL, CEILING MOUNTED OCCUPANCY SENSOR. X INDICATES: D = DUAL TECHNOLOGY DIGITAL OCCUPANCY SENSOR
os _x os _x	IR = INFRARED SENSOR US = ULTRASONIC DIGITAL LIGHT MANAGEMENT ZONE CONTROLLER PANEL
ZC	DISTIAL LISTIT IMANAGEMENT ZONE CONTROLLER PANEL
L	IGHTNING PROTECTION & GROUNDING
→ OR √G	20mm X 3000mm GROUND ELECTRODE
<u> </u>	GROUND ROD IN TEST WELL
	GROUND ROD W/C INSPECTION WELL
	GROUNDING CONDUCTOR, SIZE AS INDICATED
_	

	LIGHTNING PROTECTION & GROUNDING	P N	ROCE IO RE	E AND AI EEDING V SPONSIB
9	GROUND BONDING POINT TO STEEL STRUCTURE, REBAR, PIPE, ETC.			NG SERV DRAWIN
	GROUND BAR			1
NGR	NEUTRAL GROUNDING RESISTOR			
•	DOWNLEAD CONDUCTOR		HW	7
	LIGHTNING TERMINAL			.07
A A	PANELS, RECESSED OR SURFACE MOUNTED. 'A' DENOTES PANEL NAME.			AUI
⊘ [⊥]	120V-1P CONNECTION TO EQUIPMENT AS NOTED C/W DISCONNECT SWITCH			
	DIRECT CONNECTION TO EQUIPMENT			
•	THREE PHASE DIRECT CONNECTION TO EQUIPMENT			
	DISCONNECT SWITCH			n pD
	COMBINATION MAGNETIC LOOSE STARTER		WH	ITEVALE RD
F	FUSED DISCONNECT			
	COMBINATION MAGNETIC STARTER			
	MANUAL STARTER			
	LOOSE MOTOR STARTER	S		
M	1-PHASE MOTOR CONNECTION	REVISIONS		
M	3-PHASE MOTOR CONNECTION			
• DO	ELECTRIC DOOR OPERATOR PUSHBUTTON	CONSULTANT		
JB	JUNCTION BOX	8	NO	DATE
JB	ARROW INDICATES CONDUIT & WIRING "HOME RUN". REFER TO SINGLE LINE OR SCHEMATIC	P	NO.	DATE. ONSULTANT
РВ	PULL BOX		_	
\oplus_{xx}	20A, 120V, DUPLEX RECEPTACLE (CSA 5-15R) OR AS NOTED. XX INDICATES THE FOLLOWING:			
	A ABOVE COUNTER TOP AC HVAC CONTROL CONNECTION ABOVE CEILING DW DISHWASHER		ECOM (Canada Ltd.
	M MICROWAVE MB MOTORIZED BLIND (HEIGHT TO BE CONFIRMED WITH THE BLINDS CONTRACTOR)	5 K	0 Sport	tsworld Cro r, Ontario,
	P PRINTER REF REFRIGERATOR			5313 tel om.com
	S STOVE TV TELEVISION - MOUNT AT 1500mm (5') AFF V VENDING VD SYNLOSION PROOF	s	UB CO	NSULTANT
0	XP EXPLOSION PROOF 15A, 120V, GROUND FAULT INTERRUPTING DUPLEX RECEPTACLE (CSA 5-15R)			
P _{xx}	OR AS NOTED. XX INDICATES THE FOLLOWING WP WEATHER PROOF EEMAC TYPE 4 ENCLOSURE			
	20 CSA 5-20R 20A, 120V, DUPLEX RECEPTACLE (CSA 5-20R			
P ₂₀	240V RECEPTACLE			
	15A, 120V, DUPLEX RECEPTACLE, SPLIT CIRCUIT (CSA 5-15R) OR AS NOTED	D	ESIGN	BY: GR
Ψ	15A, 120V, QUAD RECEPTACLE (2X CSA 5-15R) OR AS NOTED	D	RAWN E	BY: HD
+	WALL MOUNTED SINGLE RECEPTACLE. AMPS, VOLTS AND CSA			D BY: WA
Ф	CONFIGURATION AS NOTED CEILING MOUNTED DUPLEX RECEPTACLE	A	PPROVE	D BY: WA
CLNG	FLOOR MOUNTED QUAD RECEPTACLE	S		
#	FLOOR MOUNTED DUPLEX RECEPTACLE	REVISIONS		
ф	FLOOR MOUNTED DUPLEX RECEPTACLE			
Ф	WALL FEED FOR POWER AND COMMUNICATIONS TO SYSTEM FURNITURE	CONTRACT		
•	RACEWAY COMPUTER RECEPTACLE		1 NO	09/22/21 DATE
₩	RECEPTACLE IN 3 COMPARTMENTS RACEWAYS			DATE
₩- -	BASEBOARD OR FAN-FORCED WALL HEATER			
	THERMOSTAT			
T	DIGITAL CLOCK		DUR	HAM
			DURI REG	ION
● HP	HYDRO POLE		Ν	EW S
	MANHOLE			TRA
● MH	MAINTENANCE HOLE			ECTR
	HYDRO UTILITY METER			
	UNDERGROUND CONDUIT	P	ROPERT	Y NO.
CL	CEILING SUSPENDED RETRACTABLE DROP-CORD RECEPTACLE			T NO
	EMERGENCY POWER OFF PUSHBUTTON (EPO)		CONTRACT Γ = 1	от но. 160- 2

ALL MEASUREMENTS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE AND ANY DISCREPANCIES ARE TO BE REPORTED BEFORE PROCEEDING WITH THE WORK. THE REGION OF DURHAM ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF EXISTING SERVICES AS INDICATED ON THIS DRAWING. DO NOT SCALE DRAWINGS.





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ISSUED FOR TENDER 1 09/22/21 NO DATE NAME REVISIONS



THE REGIONAL MUNICIPALITY OF DURHAM

CLIENT FILE No.: 811/20

WORKS DEPARTMENT DESIGN, CONSTRUCTION & ASSET MANAGEMENT

NEW SEATON PARAMEDIC STATION AND TRAINING FACILITY IN PICKERING ELECTRICAL LEGEND AND GENERAL

NOTES 1 OF 2

PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01
CONTRACT NO.	DRAWING NO.	SHEET NO.
T- 1160- 2021	E- 001	

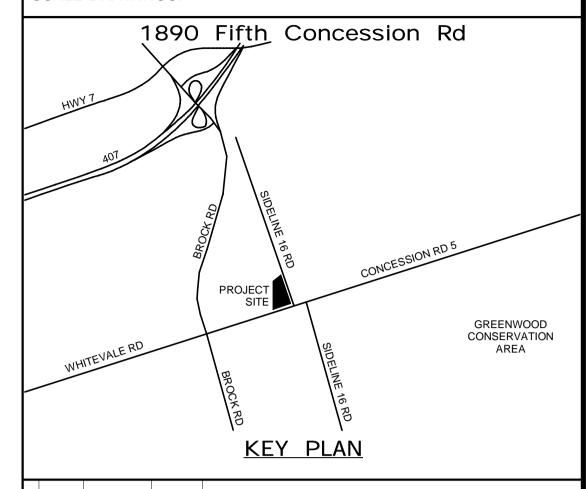
	TV / COMMUNICATION
▼ ▼ •	TELEPHONE OUTLET - WALL, FLOOR, CEILING MOUNTED. PROVIDE 27mmC (1"C) FROM WALL 1G OUTLET BACKBOX TO ACCESSIBLE CEILING SPACE
∇_{xx} \square_{xx} ∇_{xx}	UNLESS OTHERWISE NOTED. DATA OUTLET - WALL, FLOOR, CEILING MOUNTED. PROVIDE 27mm C (1"C) FROM WALL 1G OUTLET BACKBOX TO ACCESSIBLE CEILING SPACE UNLESS
·vx mxx 抗XX	OTHERWISE NOTED. XX INDICATES THE FOLLOWING: TV - PROVIDE 21mmC (3/4")C FROM WALL OUTLET TO ACCESSIBLE CEILING SPACE UNLESS OTHERWISE NOTED. MOUNT AT 1500mm (5') AFF.
V V - V -	DATA / TELEPHONE OUTLET - WALL, FLOOR, CEILING MOUNTED. PROVIDE 27mm C (1"C) FROM WALL 1G ANG OUTLET BACKBOX TO ACCESSIBLE CEILING
<u> </u>	SPACE UNLESS OTHERWISE NOTED. CABLE TELEVISION OUTLET
	TELECOMMUNICATION CABLING TRAY
\bot \bot \bot	TELECOMMUNICATION CABLING 'J-HOOKS' (INSTALLED AT MAXIMUM 1220mm O/C)
WAP	CISCO WIRELESS ACCESS POINT C/W 1 DATA DROP IN 21mm CONDUIT. ELECTRICAL CONTRACTOR TO INSTALL WIRELESS ACCESS POINTS SUPPLIED BY OWNER.
S	CEILING MOUNTED SPEAKER C/W 1 PAIR OF SPEAKER CABLE IN 21mm CONDUIT TO COMMUNICATION BACKBOARD.
S	WALL MOUNTED SPEAKER C/W 1 PAIR OF SPEAKER CABLE IN 21mm CONDUIT TO COMMUNICATION ROOM.
	SECURITY
	SURVEILLANCE CAMERA (FIXED CAMERA)
	SURVEILLANCE CAMERA (MULTI LENS CAMERA)
	SURVEILLANCE CAMERA (180° CAMERA)
SWITCH	ETHERNET SWITCH
KP	LCD KEY PAD
CR	CARD READER
DC	DOOR CONTACT
ES	ELECTRIC STRIKE
IC	INTERCOM UNIT
GB	360 DEGREE GLASS BREAK
С	CONTACTOR
MD	MOTION DETECTOR
TS	24HR, 7-DAY ELECTRONIC TIME SWITCH, 20A, 120V
WAP	WIRELESS ACCESS POINT
SS	PUBLIC ADDRESS SPEAKER - CEILING, WALL MOUNTED
S	PUBLIC ADDRESS HORN
REX	REQUEST TO EXIT
ML	ELECTROMAGNETIC LOCK
	SINGLE LINE DIAGRAM
	FUSE
	FUSED DISCONNECT
0 0	DISCONNECT SWITCH
00	CIRCUIT BREAKER
(())	DRAW-OUT CIRCUIT BREAKER
	TRANSFORMER
38	PT - POTENTIAL TRANSFORMER
<u> </u>	CT - CURRENT TRANSFORMER
	GROUND CONNECTION
	TRANSFER SWITCH
	PANEL BOARD
XXX	
G	GENERATOR
AS VS	AMMETER & VOLTMETER SWITCHES
⟨ E ⟩ ⟨ E ⟩ ⟨ M ⟩	INTERLOCK: E = ELECTRIC INTERLOCK K = KIRK KEY INTERLOCK M = MECHANICAL INTERLOCK
VFD	VARIABLE FREQUENCY DRIVE
$\begin{pmatrix} 10 \\ hp \end{pmatrix} \begin{pmatrix} 7.5 \\ kW \end{pmatrix}$	MOTOR

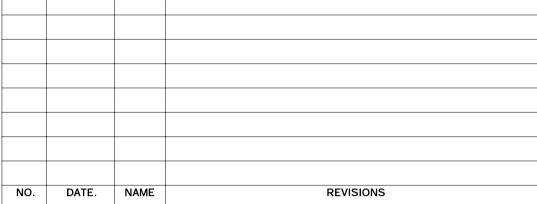
	COM	MON SYMBOLS		
	EQUIPMENT	OR DEVICE AS NOTED		
AC1	EQUIPMENT	EQUIPMENT TAG NO. MOUNTED ON WALL/FLOOR		
AC-1	EQUIPMENT	EQUIPMENT TAG NO. MOUNTED ON CEILING		
1 & 1 & 1	ELECTRICA	L NOTE TAGS		
3 E03	DETAIL No.3	3 ON DRAWING E03		
	 SI	TE SERVICE		
FO	— FO ——	FIBER OPTIC		
тс	тс	TELECOM		
IT	іт	DATA		
O/H O/H O/	Н ——— О/Н	OVER HEAD UTILITY POWER FEED		
PWR-600V		600V POWER FEED		
		120V POWER FEED		
		347V POWER FEED		
PWR-PF		TRANSFORMER PRIMARY FEED		
PWR-SF	PWR-SF	TRANSFORMER SECONDARY FEED		
THIS IS A STANDARD NOT ALL DEVICES MA MTG HTG AS SHOWN	Y APPEAR ON UNLESS OTHE		MTG HT.	
	FIRE ALAF	RM BELL		
$oxed{ egin{array}{c} oxed{ }} oxed{ }$	FIRE ALAF	FIRE ALARM HORN 2300		
<u> </u>	FIRE ALAF	RM STROBE	2300	
	FIRE ALARM HORN/STROBE		2300	
	FIRE ALAF	FIRE ALARM SPEAKER		
<u> </u>	FIRE ALAF	FIRE ALARM COMBINATION SPEAKER / STROBE		
•	SMOKE DI	SMOKE DETECTOR		
₩	SMOKE DI	SMOKE DETECTOR - DUCT TYPE		
→	SMOKE DI	SMOKE DETECTOR - BEAM TYPE		
	HEAT DET	HEAT DETECTOR - 135°F RATE OF RISE TEMPERATURE TYPE		
<u> </u>	HEAT DET	ECTOR - 190°F FIXED TEMPERATURE TYPE		
•	HEAT DET	ECTOR - 285°F RATE OF RISE TEMPERATURE TYPE		
FACP	FIRE ALAF	FIRE ALARM CONTROL PANEL		
ANNUN.	REMOTE F	REMOTE FIRE ALARM ANNUNCIATOR PANEL		
sv	SPRINKLE	SPRINKLER SYSTEM SUPERVISED VALVE		
(FS)	SPRINKLE	R SYSTEM FLOW OR PRESSURE SWITCH AS NOTED		
SD	SMOKE DA	AMPER		
		MONOXIDE DETECTOR (CO), ILING MOUNTED		
AR		RM ADDRESSABLE RELAY		
W.	FIRE ALAF	RM END-OFLINE DEVICE		
4"				

GENERAL NOTES

- PERFORM ALL WORK IN ACCORDANCE WITH THE LATEST EDITION OF ALL APPLICABLE CODES, STANDARDS AND BULLETINS AND TO THE LOCAL AUTHORITIES REQUIREMENTS.
- INFORMATION REPRESENTED ON THESE DRAWINGS IS FROM VISUAL FIELD REVIEW. AECOM AND ITS REPRESENTATIVES ARE NOT RESPONSIBLE FOR ANY DISCREPANCIES AND/OR ERRORS. THE CONTRACTOR SHALL VERIFY THE SCOPE OF WORK PRIOR TO PROCEEDING.
- THE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND THE DOCUMENTS PERTAINING TO THE WORK OF OTHER TRADES.
 OBTAIN EXACT DIMENSIONS FROM SITE MEASUREMENTS. DO NOT SCALE THESE DRAWINGS.
- 5. PENETRATIONS TO EITHER FIRE AND/OR SMOKE BARRIERS SHALL BE SLEEVED AND SEALED AGAINST THE PASSAGE OF FLAME AND/OR SMOKE WITH A SUITABLE NON-COMBUSTIBLE MATERIAL EQUAL TO THE CONSTRUCTION PENETRATED.
- 6. CHECK AND VERIFY THE LOCATIONS OF ALL PANELBOARDS, DISCONNECTS, RECEPTACLES, CONDUITS AND EQUIPMENT WITH THE WORK OF OTHER TRADES TO PREVENT INTERFERENCE. REMOVAL AND RELOCATION OF ANY SUCH WORK INTERFERING WITH THE WORK OF OTHER TRADES IS THE RESPONSIBILITY OF THE ELECTRICAL TRADE(S), UNLESS OTHERWISE APPROVED IN WRITING.
- PROVIDE ACCESS DOORS AS REQUIRED FOR ALL CONCEALED SERVICEABLE COMPONENTS LOCATED ABOVE, BEHIND OR BELOW INACCESSIBLE CONSTRUCTION.
- 8. RESTORE ALL SURFACES TO PRE-CONSTRUCTION STATE OR AS SHOWN ON LANDSCAPE SITE PLANS, FOLLOWING TRENCHING AND UNDERGROUND DUCT WORK.

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SUB CONSULTANT

APPROVED BY: WA

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50 Sportsworld Crossing Road, Suite 290
Kitchener, Ontario, N2P 0A4
519 650 5313 tel 519 650 3424 fax



DESIGN BY: GR SCALE: N.T.S.

DRAWN BY: HD DATE: 11/07/20

CHECKED BY: WA CONSULTANT PROJECT NO. 60611569

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NO DATE NAME REVISIONS



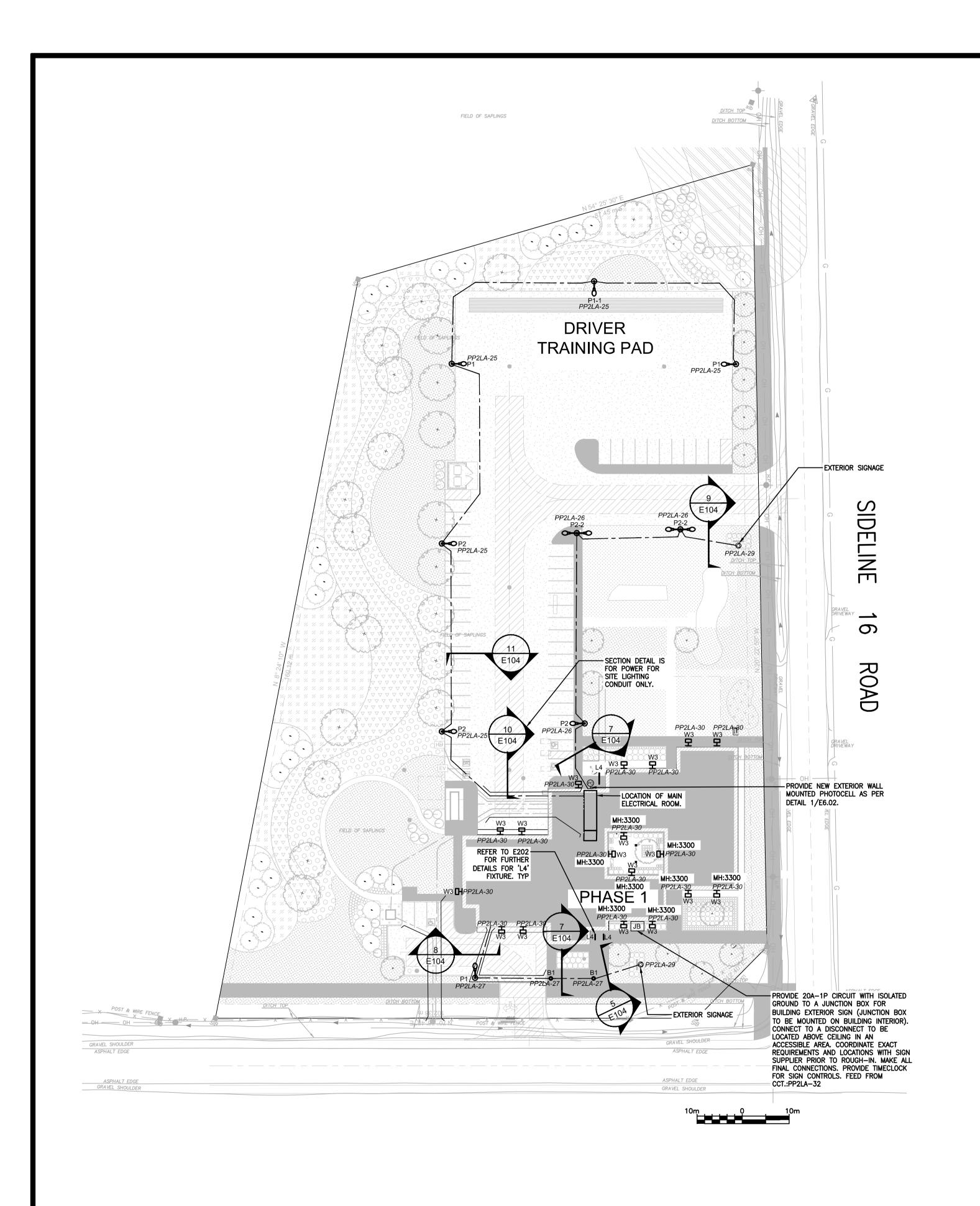
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CLIENT FILE No.: 811/20

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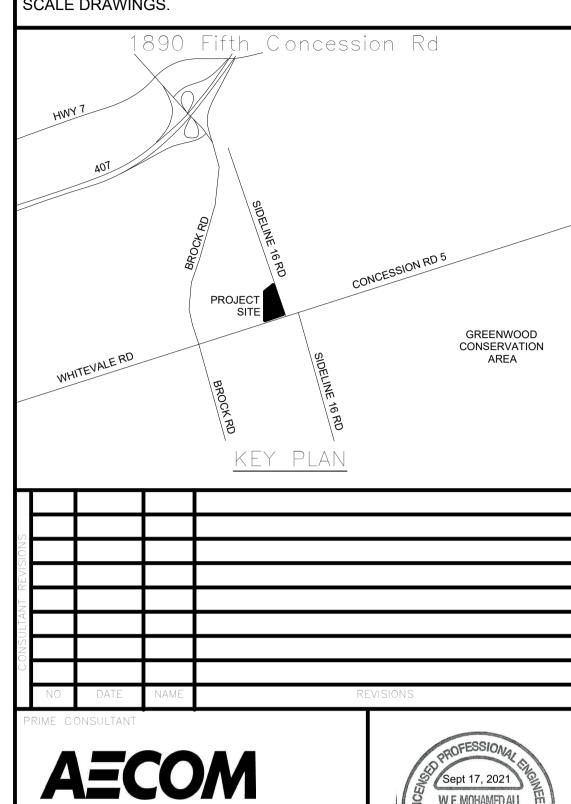
NEW SEATON PARAMEDIC STATION
AND TRAINING FACILITY IN PICKERING
ELECTRICAL LEGEND AND GENERAL
NOTES 2 OF 2

PROPERTY NO. FACILITIES CODE FACILITIES PROJECT NO. PO61- 18- O1 CONTRACT NO. T- 1160- 2021 E- 002





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CHECKED BY: WA	CONSULTANT PROJECT NO. 60698928
APPROVED BY: WA	CLIENT FILE No.: 811/20

W.E. MOHAMED ALI

100186996

APPROVED BY: WA			CLIENT FILE No.: 811/20
1	09/22/21	JC	ISSUED FOR TENDER
NO.	DATE.	NAME	REVISIONS



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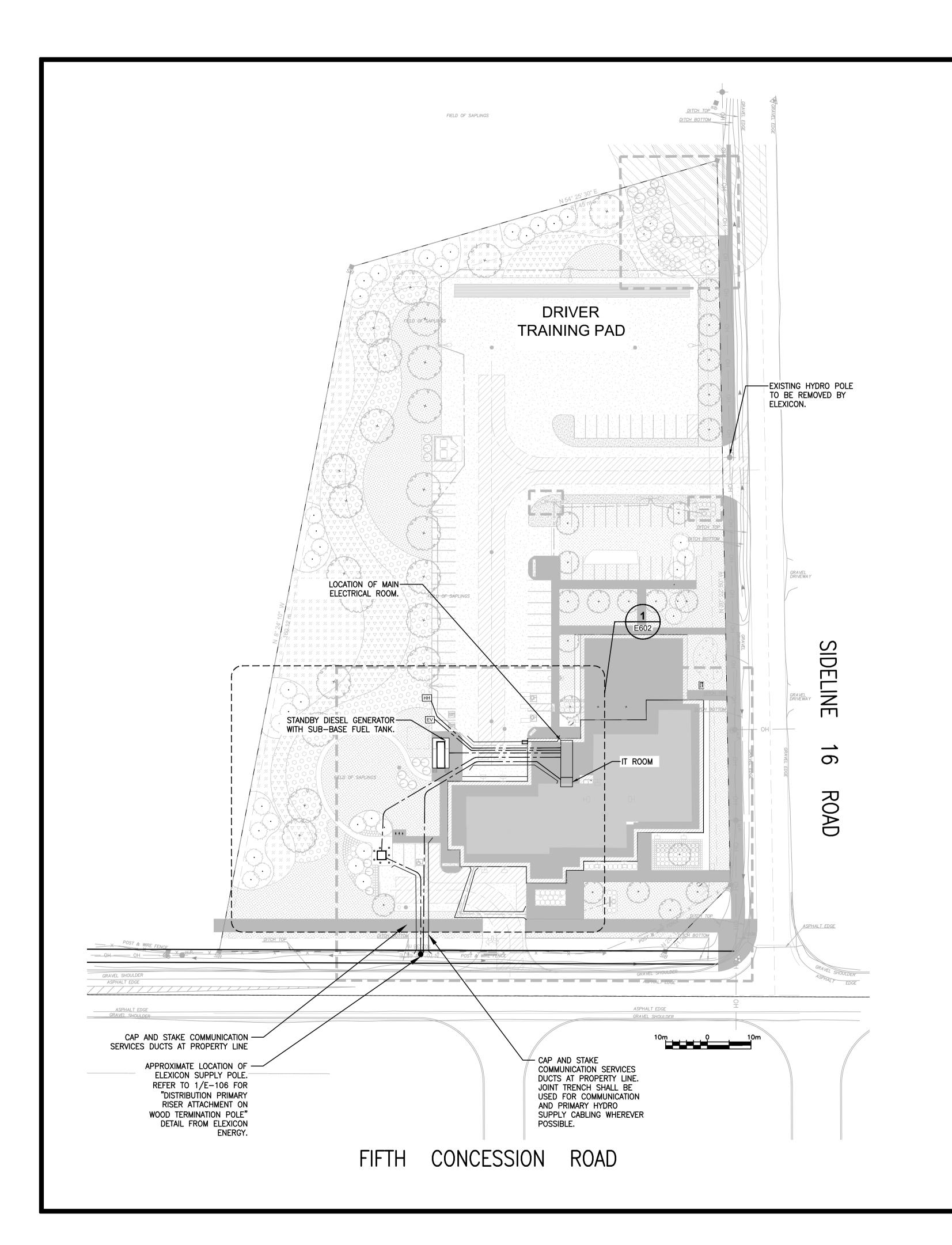
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WORKS DEPARTMENT

DESIGN, CONSTRUCTION & ASSET MANAGEMENT

NEW SEATON PARAMEDIC STATION AND TRAINING FACILITY IN PICKERING SITE LIGHTING PLAN

PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01
CONTRACT NO.	DRAWING NO.	SHEET NO.
T-1160-2021	E-101	

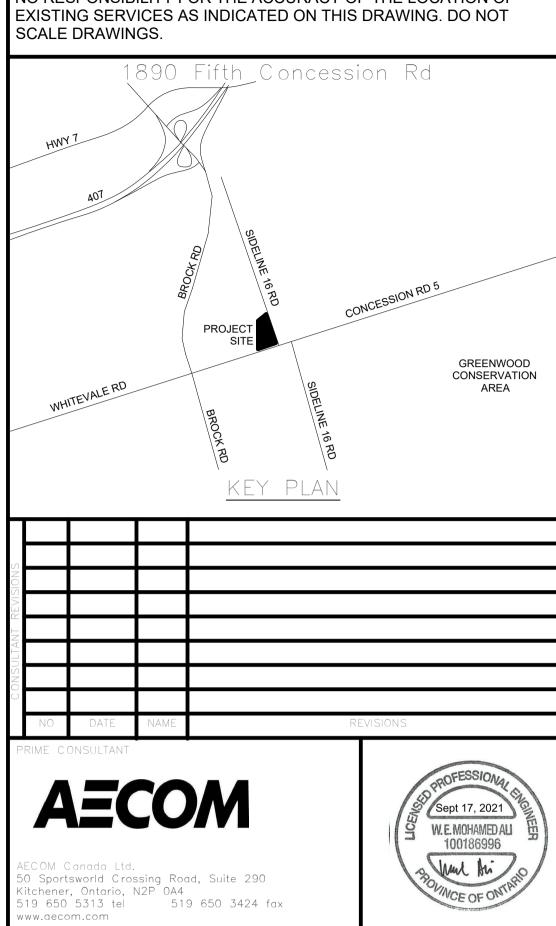


GENERAL NOTES:

1. REFER TO DRAWING MOO1 FOR LOCATION OF ELECTRIC SNOW MELT AREAS. SYSTEM SHALL BE SUPPLIED BY SECTION 23 AND INSTALLED BY SECTION 26.



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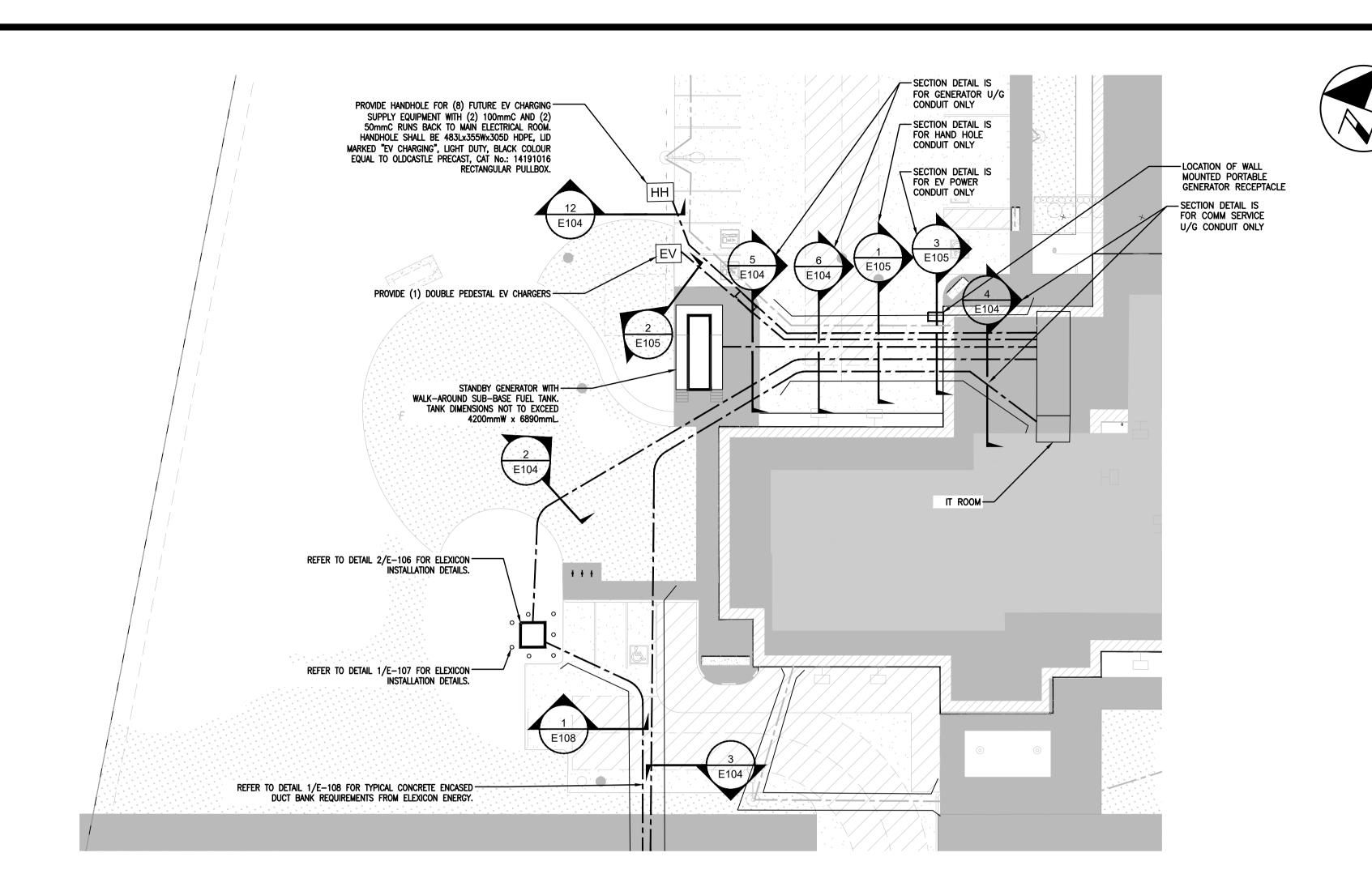
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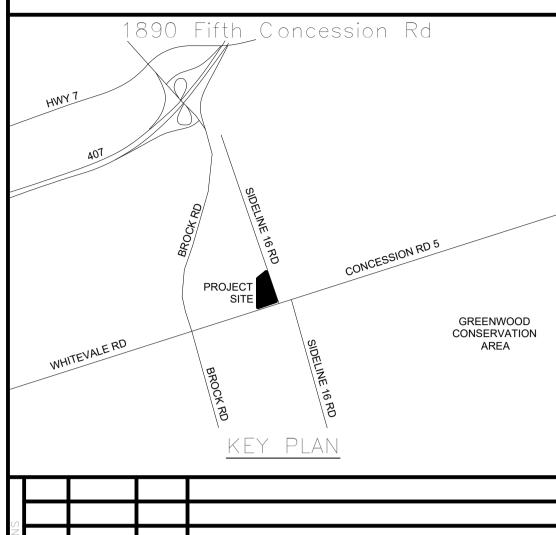
DESIGN, CONSTRUCTION & ASSET MANAGEMENT

NEW SEATON PARAMEDIC STATION
AND TRAINING FACILITY IN PICKERING
SITE POWER PLAN

PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01
CONTRACT NO.	DRAWING NO.	SHEET NO.
T-1160-2021	E-102	



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AECOM

AECOM Canada Ltd.
50 Sportsworld Crossing Road, Suite 290
Kitchener, Ontario, N2P 0A4
519 650 5313 tel 519 650 3424 fax

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SCALE: 1:250

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DATE: 10/30/20

CHECKED BY: WA

CONSULTANT PROJECT NO. 60698928

APPROVED BY: WA

CLIENT FILE No.: 811/20

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NO.	DATE.	NAME	REVISIONS



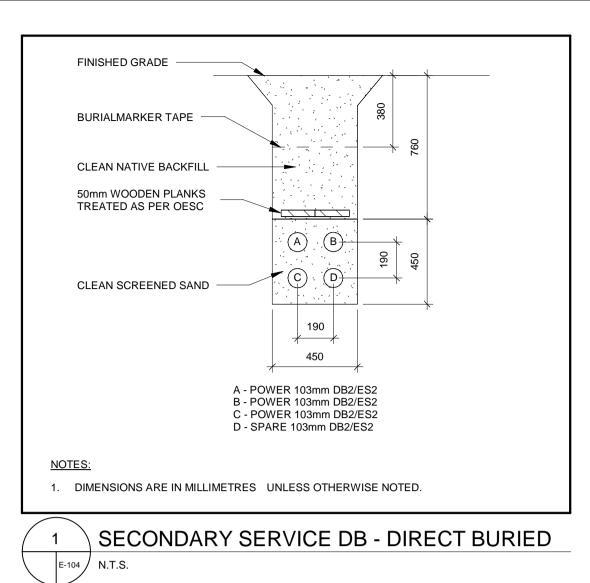
THE REGIONAL MUNICIPALITY OF DURHAM

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DESIGN, CONSTRUCTION & ASSET MANAGEMENT

NEW SEATON PARAMEDIC STATION
AND TRAINING FACILITY IN PICKERING
ENLARGE SITE POWER PLAN

PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. PO61-18-01
CONTRACT NO.	DRAWING NO.	SHEET NO.
T-1160-2021	E-103	



FINISHED GRADE

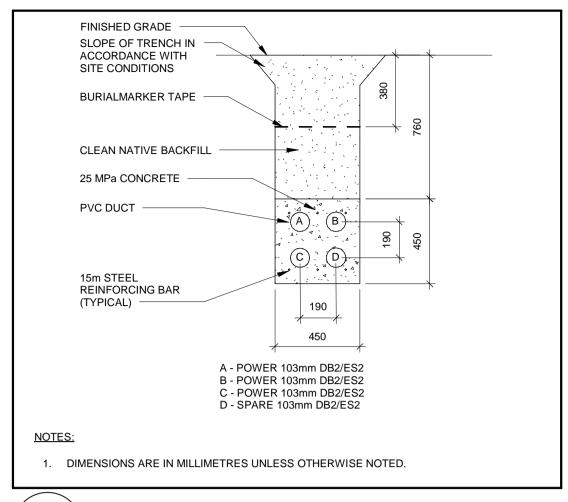
PVC DUCT

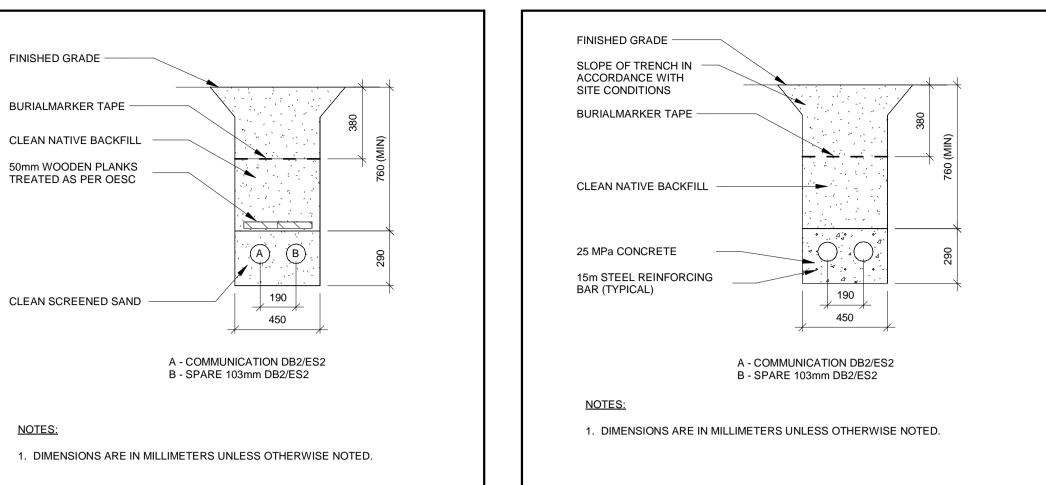
BURIALMARKER TAPE

CLEAN NATIVE BACKFILL

50mm WOODEN PLANKS TREATED AS PER OESC

CLEAN SCREENED SAND





E-104 N.T.S.

FINISHED GRADE

SLOPE OF TRENCH IN

ACCORDANCE WITH SITE CONDITIONS

BURIALMARKER TAPE

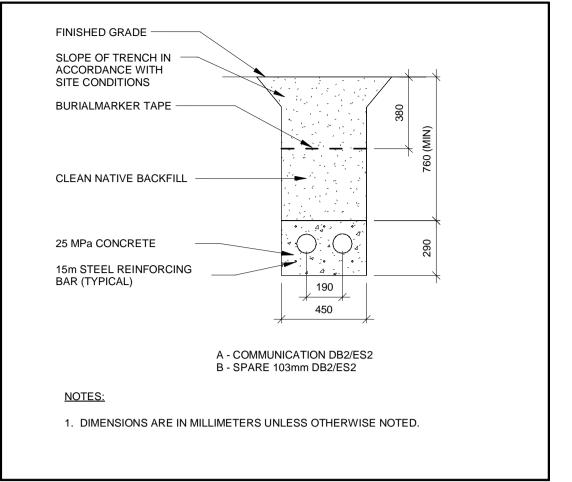
25 MPa CONCRETE

4-53mm RIGID PVC CONDUIT

REINFORCING BAR (TYPICAL)

15m STEEL

CLEAN NATIVE BACKFILL



190

A - 27mmC RPVC FOR POWER FOR EXTERIOR SIGNAGE

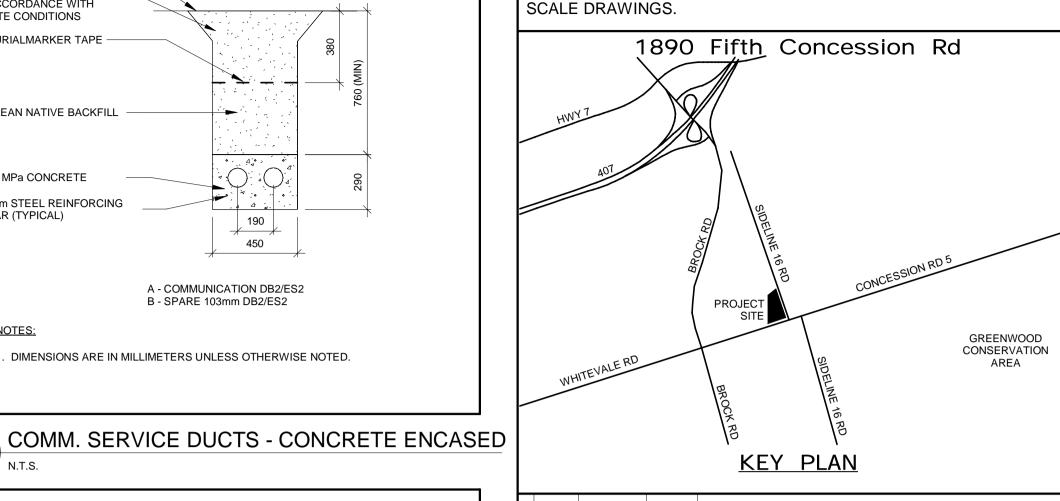
SITE LTG & EXTERIOR SIGN - CONC. ENCASED

B - 27mmC RPVC FOR DATA FOR EXTERIOR SIGNAGE

C - 53mmC RPVC FOR POWER FOR SITE LIGHTING

D - 53mmC RPVC FOR SPARE

DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.

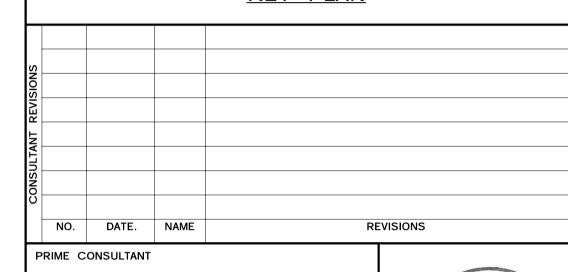


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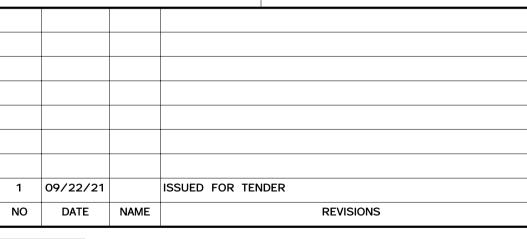
AECOM Canada Ltd. 50 Sportsworld Crossing Road, Suite 290 Kitchener, Ontario, N2P 0A4 519 650 3424 fax 519 650 5313 tel

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APPROVED BY: WA	CLIENT FILE No.: 811/20



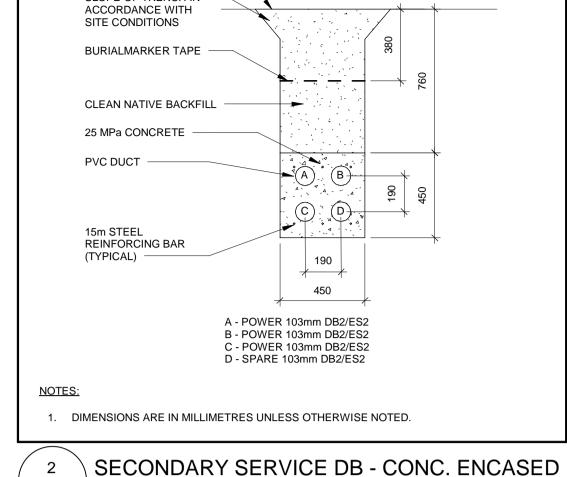


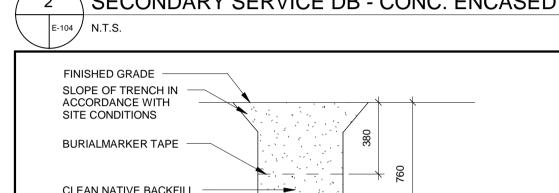
THE REGIONAL MUNICIPALITY OF DURHAM

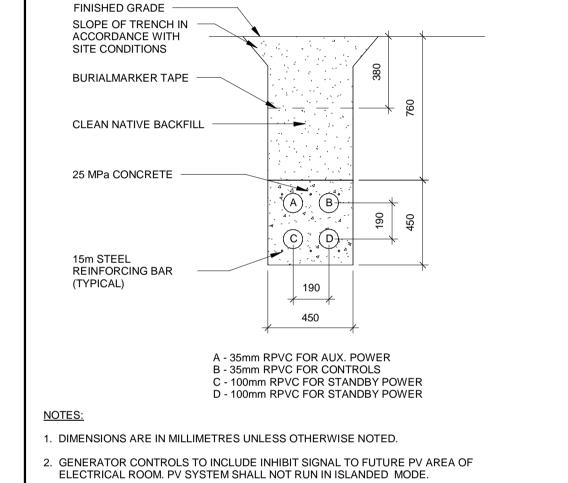
WORKS DEPARTMENT DESIGN, CONSTRUCTION & ASSET MANAGEMENT

NEW SEATON PARAMEDIC STATION AND TRAINING FACILITY IN PICKERING ELECTRICAL SITE DETAILS

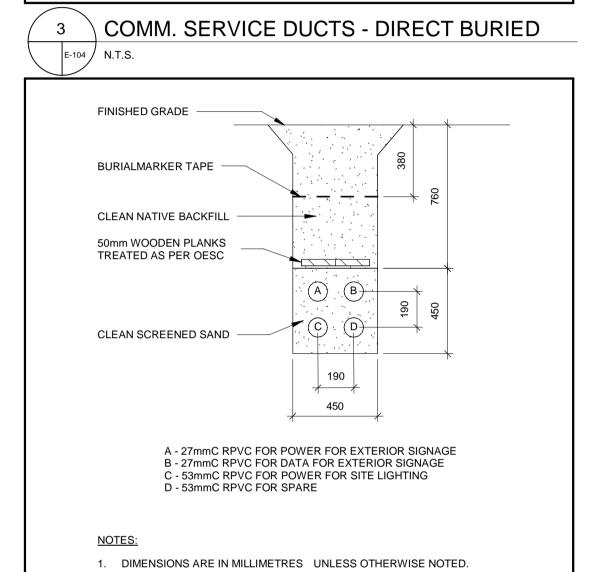
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CONTRACT NO. T- 1160- 2021	DRAWING NO. E- 104	SHEET NO.			

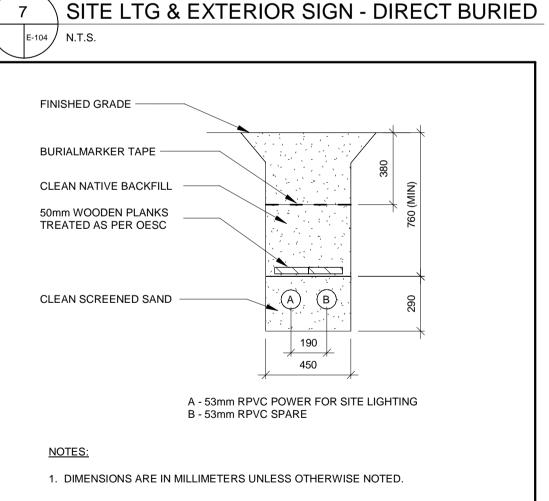


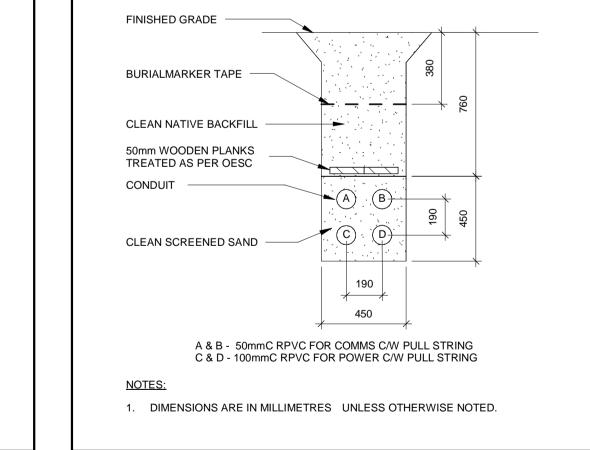




E-104 / N.T.S.







NOTES:

E-104 / N.T.S.

FUTURE EV - DIRECT BURIED E-104 / N.T.S.



2. GENERATOR CONTROLS TO INCLUDE INHIBIT SIGNAL TO FUTURE PV AREA OF

ELECTRICAL ROOM. PV SYSTEM SHALL NOT RUN IN ISLANDED MODE.

1. DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

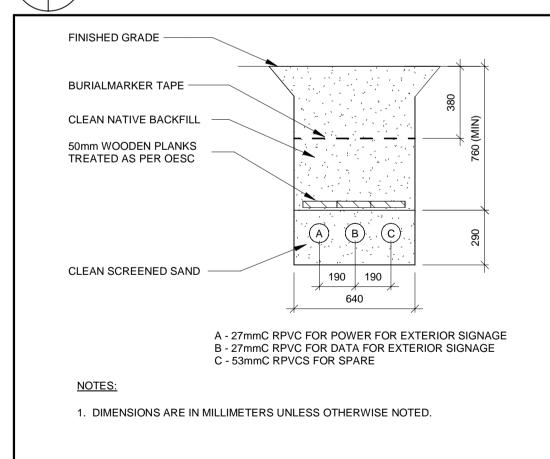
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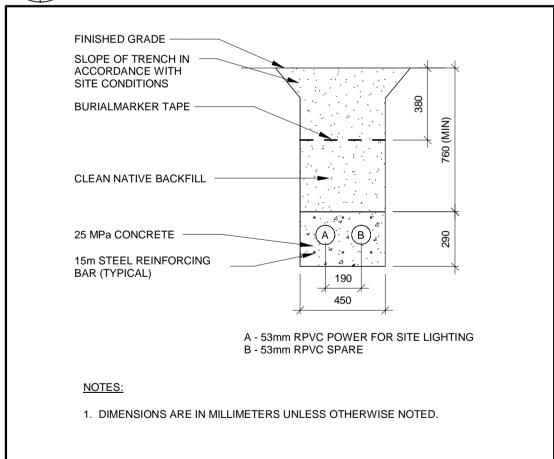
C - 100mm RPVC FOR STANDBY POWER

D - 100mm RPVC FOR STANDBY POWER

A - 35mm RPVC FOR AUX. POWER

B - 35mm RPVC FOR CONTROLS



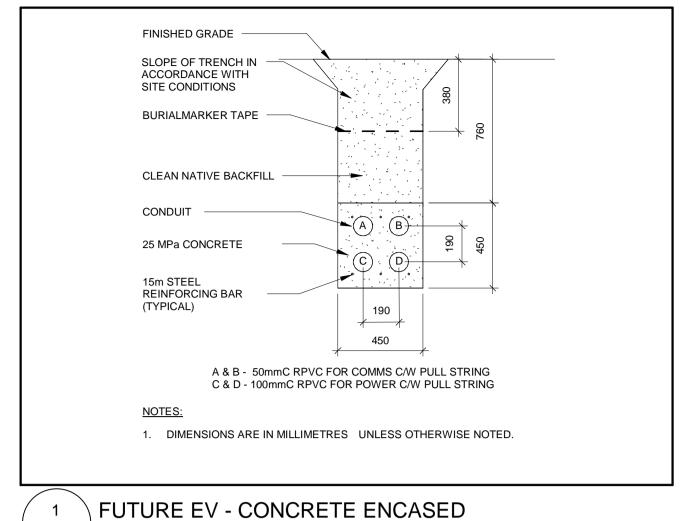


STANDBY GENERATOR - CONCRETE ENCASED

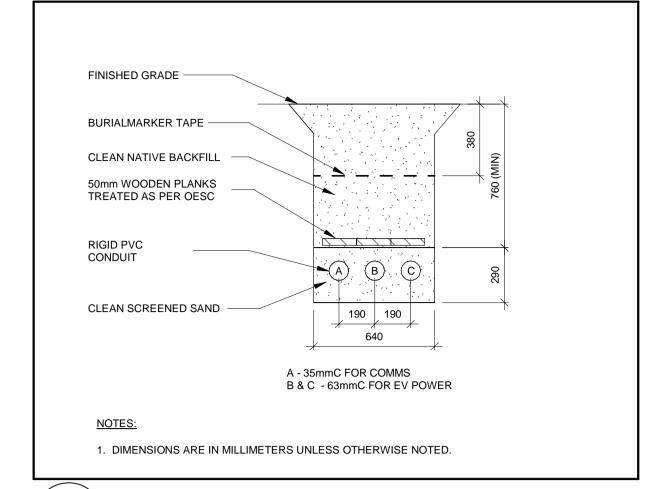
\ SITE LTG - CONCRETE ENCASED E-104 / N.T.S.

SITE LTG - DIRECT BURIED E-104 / N.T.S.

EXTERIOR SIGNAGE - DIRECT BURIED



E-105 N.T.S.



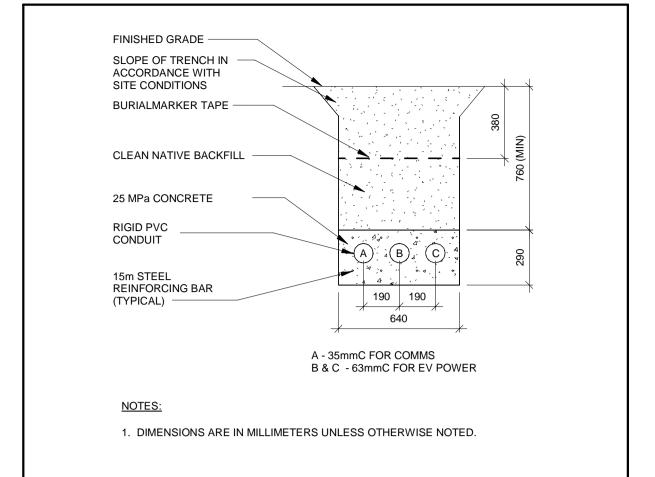
POLYETHYLENE PIPE WITH ADAPTER COUPLING

E-105 N.T.S.

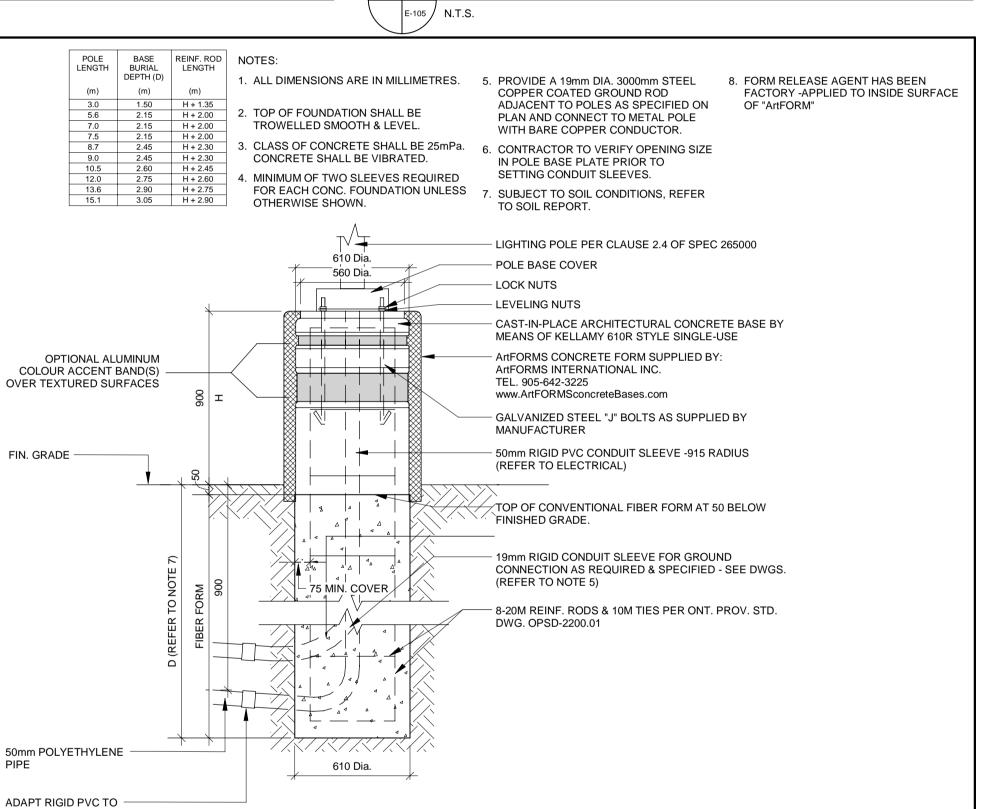
4 POLE BASE DETAIL

EV - DIRECT BURIED

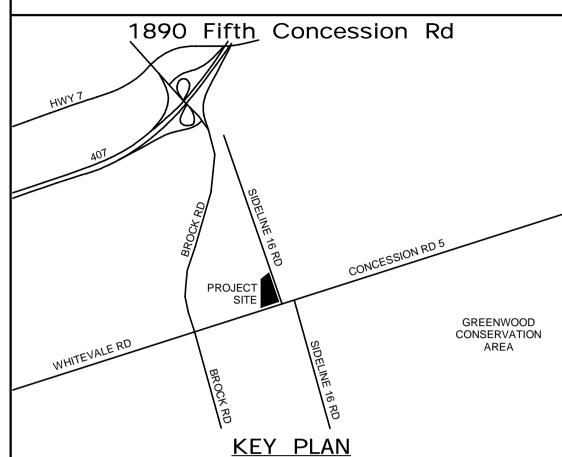
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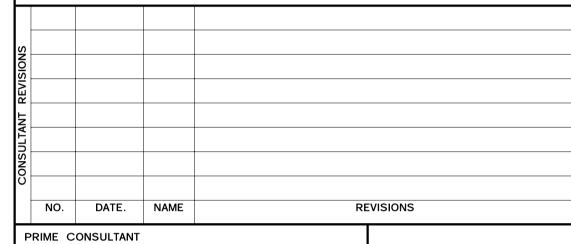


EV - CONCRETE ENCASED



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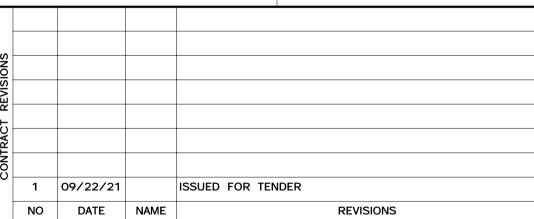
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50 Sportsworld Crossing Road, Suite 290
Kitchener, Ontario, N2P 0A4
519 650 5313 tel 519 650 3424 fax
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APPROVED BY: WA	CLIENT FILE No.: 811/20



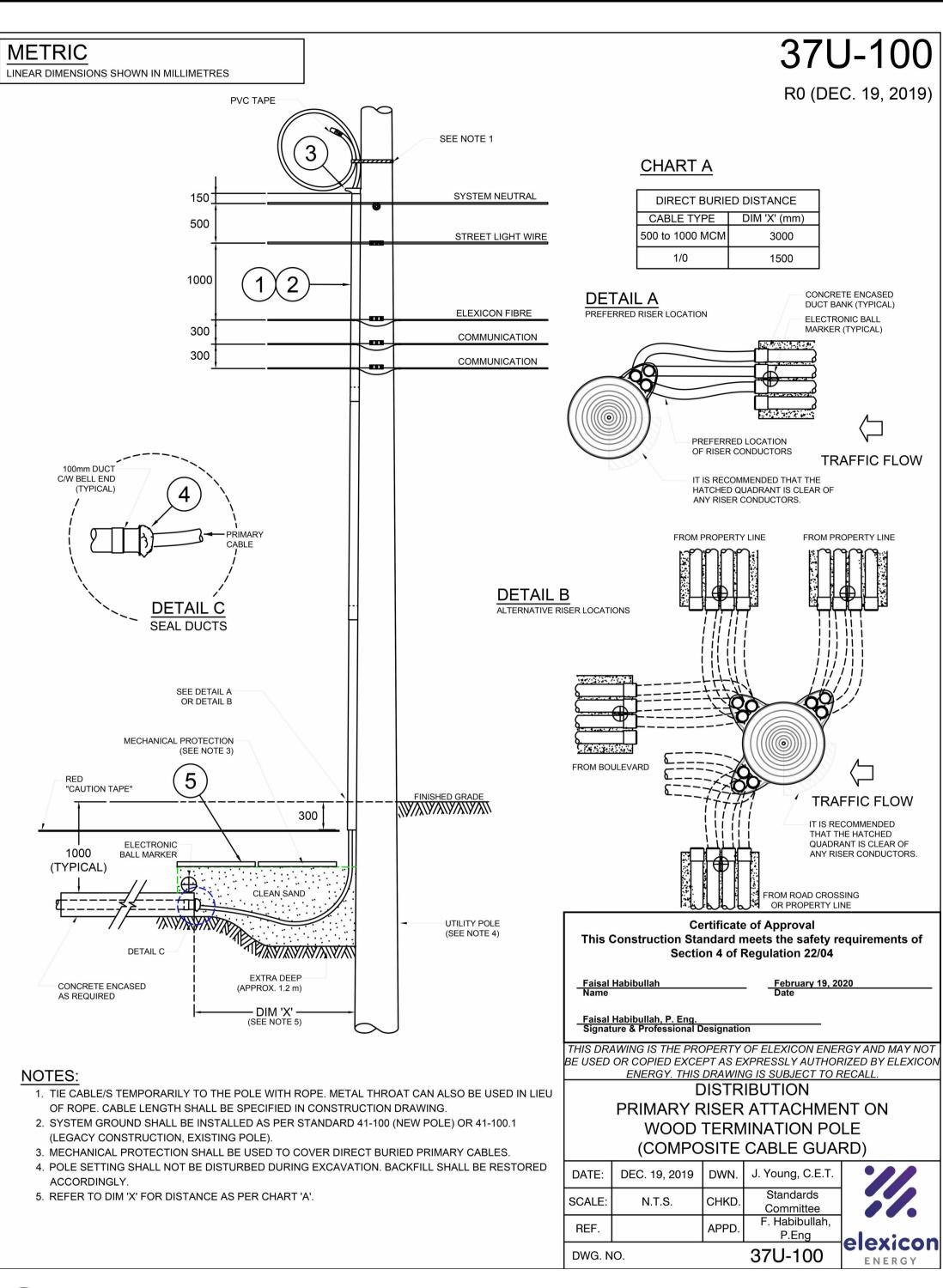


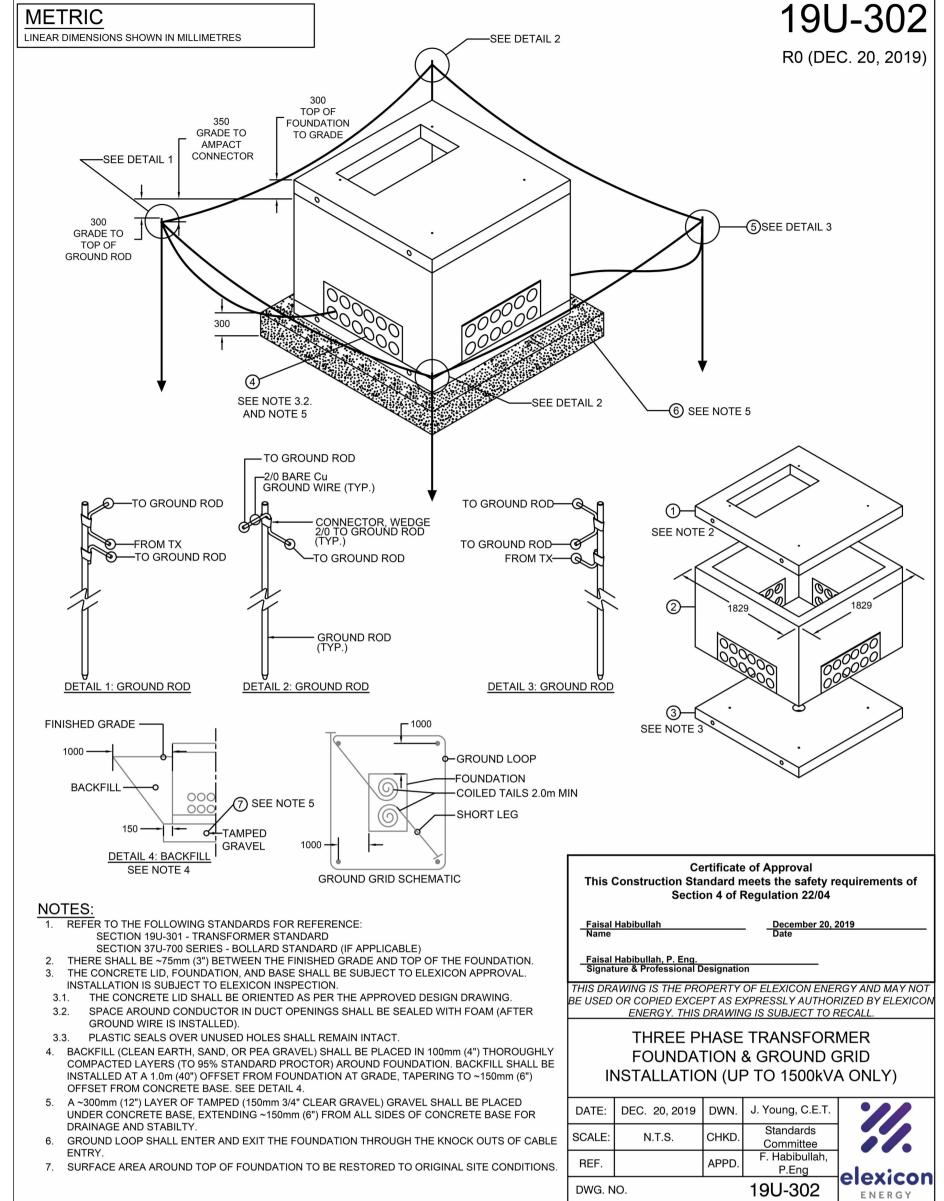
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DESIGN, CONSTRUCTION & ASSET MANAGEMENT

NEW SEATON PARAMEDIC STATION
AND TRAINING FACILITY IN PICKERING
ELECTRICAL SITE DETAILS

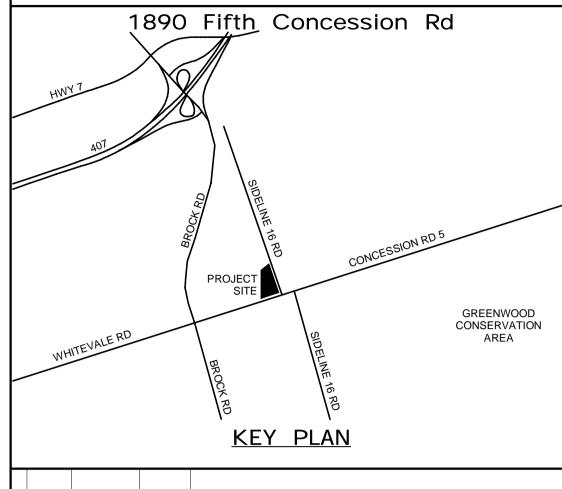
PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01	D.AMER
CONTRACT NO. T- 1160- 2021	DRAWING NO. E- 105	SHEET NO.	360-//R

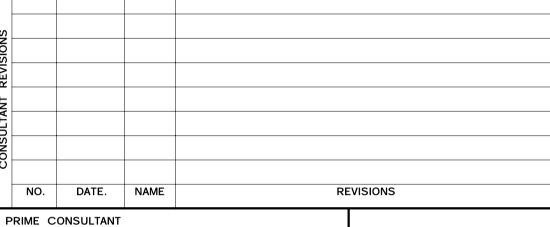




THREE PHASE TRANSFORMER FOUNDATION & GROUND GRID INSTALLATION

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APPROVED BY: WA

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1 09/22/21 ISSUED FOR TENDER NO DATE NAME REVISIONS



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CLIENT FILE No.: 811/20

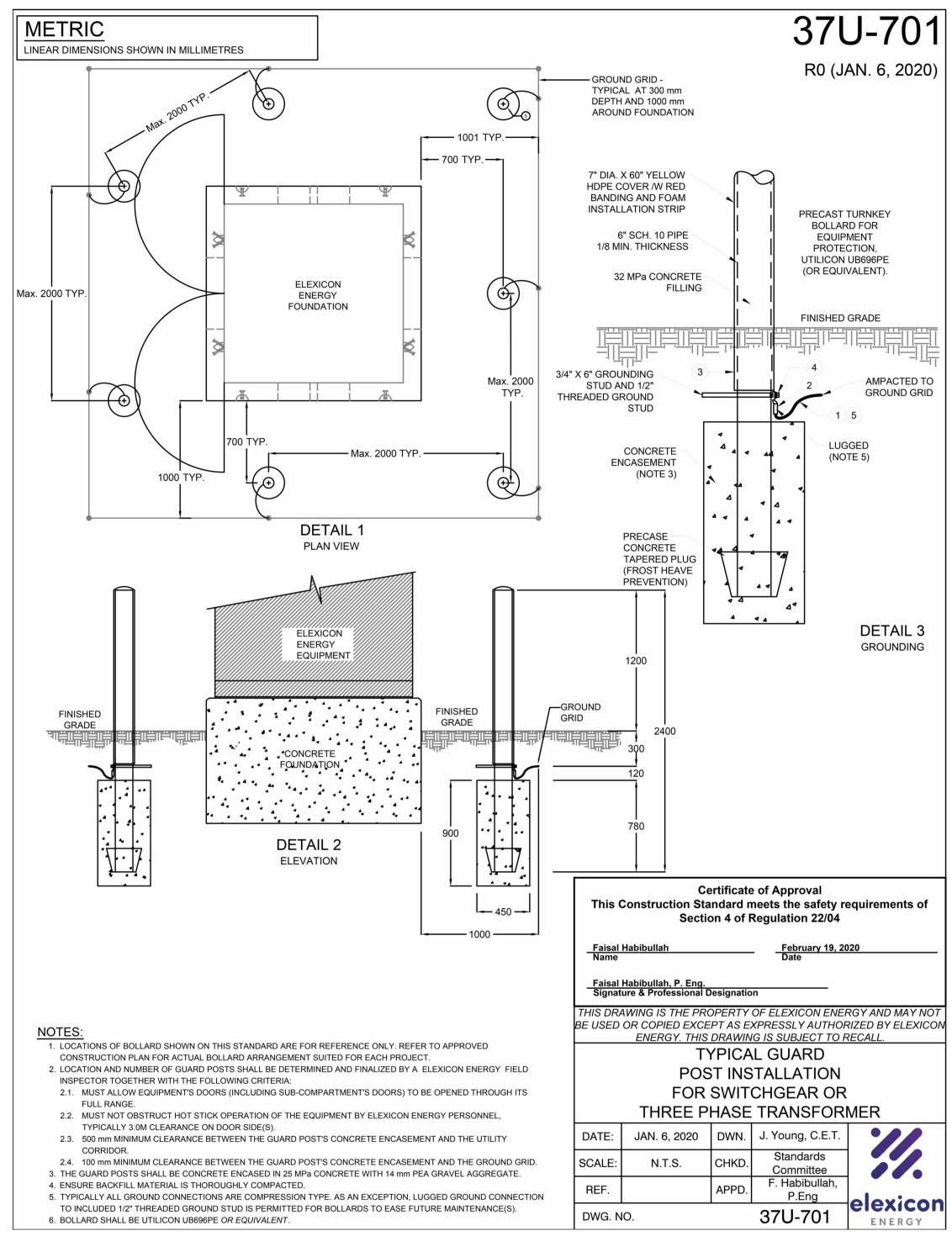
WORKS DEPARTMENT DESIGN, CONSTRUCTION & ASSET MANAGEMENT

NEW SEATON PARAMEDIC STATION AND TRAINING FACILITY IN PICKERING

ELECTRICAL SITE DETAILS

PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061- 18- 01	
CONTRACT NO. T- 1160- 2021	DRAWING NO. E- 106	SHEET NO.	

DISTRIBUTION PRIMARY RISER ATTACHMENT ON WOOD TERMINATION POLE



TYPICAL GUARD POST INSTALLATION FOR SWITCHGEAR OR THREE PHASE TRANSFORMER

CONCRETE ENCASED DUCT BANK REQUIREMENTS

DESIGN CONSIDERATIONS:

- 1.1. UNLESS OTHERWISE SPECIFIED ON THE DESIGN DRAWINGS, BENDS AND TURNS IN DUCT RUN SHALL BE ACCOMPLISHED WITH A GRADUAL SWEEP. ALL 90 DEGREE CHANGES IN DIRECTION SHALL BE MADE OF APPROPRIATE ELBOWS. MINIMUM RADIUS ELBOW FOR MAIN FEEDER CABLES (500MCM-1000MCM) SHALL BE 1.5m (60"). MINIMUM RADIUS ELBOW FOR (1/0 AWG) SHALL BE 0.91m (36"). SEE FIGURE 1 FOR DETAILS.
- 1.2. DUCT BANKS SHALL BE BURIED WITH A MINIMUM COVER OF 1000 mm, WITH THE EXCEPTION OF ROAD CROSSINGS WHICH SHALL BE BURIED WITH A MINIMUM COVER OF 1200 mm (UNLESS OTHERWISE SPECIFIED IN THE DESIGN DRAWINGS). TRENCH RESTORATION SHALL BE MADE UP OF CLEAN BACKFILL ON DUCT BANKS INSTALLED UNDER LAWNS AND PARKWAYS. DUCT BANKS ALONG BOULEVARDS OR ACROSS ROADS SHALL HAVE BACKFILL MATERIALS AND TRENCH RESTORATION TO CONFORM WITH THE MUNICIPAL OR REGIONAL AUTHORITY, AS REQUIRED.
- 1.3. PULLING TENSION CALCULATIONS ARE REQUIRED AND PULLING TENSION SHALL BE RECORDED DURING INSTALLATION AND SUBMITTED TO ELEXICON ENERGY REPRESENTATIVE.
- 1.4. PROPER LUBRICATION FOR CABLE PULLING IS REQUIRED. 1.5. CUSTOMER'S DUCT BANK SHALL HAVE A MINIMUM SLOPE OF 1% AWAY FROM THE BUILDING. CONSULT ELEXICON ENERGY INSPECTOR WHERE THE ABOVE REQUIREMENT CANNOT BE MET. (i.e. FRENCH DRAIN
- 1.6. REFER TO ENGINEERING DESIGN DRAWINGS FOR CONSIDERATION OF INSTALLING SCADA, COMMUNICATION & LOW VOLTAGE SUPPLY DUCTS.
- 1.7. CONFIGURATIONS NOT COVERED BY STANDARDS 37U-600 SERIES SHALL BE ARRANGED IN A SIMILAR MANNER TO THESE STANDARDS AND SUBJECT TO ELEXICON ENERGY APPROVAL.

2. DUCT BANK CONSTRUCTION:

- 2.1. THE DUCT SHALL BE 100mm (4") DIAMETER, RED, PVC TYPE DB2/ES2 (SOLID WALL ONLY) C/W BELL END AND BE APPROVED AS PER CSA STANDARD C22.3 (LATEST REVISION) AND ELEXICON ENERGY STANDARD. 2.1.1. FOR CABLE SIZES 750 MCM AND UP, THE DUCT SIZE SHALL BE 150mm (6").
- 2.2. ALL FITTINGS AND BENDS SHALL BE PVC TYPE DB2/ES2. APPROVED SOLVENT CEMENT SHALL BE USED TO JOIN ALL DUCTS AND SHOULD BE APPLIED AT A MINIMUM OF 30 MINUTES PRIOR TO POURING CONCRETE.
- 2.3. ALL DUCTS AT THE FACE OF THE DUCT BANK SHALL BE ORIENTED AND TERMINATED WITH EITHER BELL END SUPPORTING CABLES OR PLUGS FOR SPARE DUCTS AS PER ELEXICON ENERGY STANDARD 37U-610 &
- 2.4. DUCTS SHALL BE SUPPORTED WITH SPACERS EVERY 1.5m (5') OR NOT GREATER THAN 2.0m (6.5') AND BE ANCHORED SO AS NOT TO FLOAT DURING CONCRETE POURING.
- 2.5. ALL DUCT BANKS SHALL BE REINFORCED WITH NON PRE-STRESSED 20 mm (3/4") DEFORMED STEEL REINFORCING BARS - GRADE 400 AND CONFORM TO CSA G30.12 (LATEST REVISION). STEEL REINFORCING BARS SHALL BE INSTALLED CONTINUOUSLY, MINIMUM 300 mm OVERLAPPED AND TIED, AND BE LOCATED AT THE BOTTOM OF THE DUCT BANK AS PER ELEXICON ENERGY STANDARD 37U-601 TO 37U-608.
- BANDING EVERY 3.0m OF DUCT. WHERE DUCT BANK ARE TO BE EXTENDED IN FUTURE, STEEL REINFORCING BARS SHALL EXTEND BEYOND CONCRETE ENCASEMENT. REINFORCING BARS SHALL BE CONTINUOUS WHEN 2.7. DUCTS SHALL BE ENCASED IN 25MPa CONCRETE WITH 10 mm PEA GRAVEL AGGREGATE. SLUMP MUST NOT

2.6. SECURE AND PREVENT DUCTS FROM MOVING DURING CONCRETE POURING BY INSTALLING NON METALLIC

- EXCEED 100 mm (4") UNDER STANDARD SLUMP TEST. EARTH BENEATH DUCT BANK SHALL BE THOROUGHLY COMPACTED PRIOR TO DUCT BANK INSTALLATION TO ELIMINATE SETTLING OF FINISHED DUCT BANK. 2.8. ALL DUCTS SHALL BE MANDRELLED AND CLEANED AFTER DUCT BANK INSTALLATION.
- 2.9. ALL DUCTS SHALL BE EQUIPPED WITH 10 mm (3/8") DIAMETER POLYPROPYLENE ROPE AND SHALL HAVE THE ENDS SEALED IMMEDIATELY AFTER INSTALLATION.
- 2.10. END OF DUCT BANK AND ROAD CROSSING SHALL BE MARKED WITH AN ELECTRONIC MARKER AS PER ELEXICON STANDARD 37U-610 & 37U-611

3. CUSTOMER OBLIGATIONS:

- 3.1. CUSTOMER'S DUCT BANK INSTALLATION SHALL BE SUBJECT TO ELEXICON ENERGY INSPECTION AND ACCEPTANCE PRIOR TO POURING OF CONCRETE OR ANY BACKFILL MATERIAL, OR WILL NOT BE ACCEPTED. CUSTOMER SHALL CONTACT ELEXICON ENERG INSPECTION DEPARTMENT TO ARRANGE FOR INSPECTION 48 HOURS IN ADVANCE OF POURING CONCRETE.
- 3.2. THE CUSTOMER SHALL FOLLOW DIRECTIONS GIVEN BY THE ELEXICON ENERGY INSPECTOR
- FOR ANY SITUATION NOT COVERED IN THIS SPECIFICATION. 3.3. DUCTS SHALL BE PROBED PRIOR TO CABLE INSTALLATION. CABLE SHALL NOT BE INSTALLED IN DUCT WHICH DOES NOT ALLOW PASSAGE OF A TEST MANDREL SIZED TO 95 % OF THE DIAMETER OF THE PVC TYPE DB2/ES2 DUCT.
- 3.4. LANDSCAPING, PAVING AND CURBS SHALL NOT BE COMPLETED UNTIL DISTRIBUTOR'S CABLE INSTALLATION IS COMPLETE. OTHERWISE, ALL RESTORATION SHALL BE DONE BY THE CUSTOMER AT THEIR OWN EXPENSE.

FIGURE 1

MINIMUM BENDING RADIUS (R) OF PRIMARY CABLES SIZE OF CABLE ON TIGHT LOCATION PREFERRED 1524 mm (60") 910 mm (36")* 1/0 AWG CABLES - SUBJECT TO ELEXICON ENERGY APPROVAL AND INSPECTION

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	JAN. 6, 2020	DWN.	J. Young, C.E.T.	'//
	N.T.S.	CHKD.	Standards	
•	N.1.5.	CHKD.	Committee	
		APPD.	F. Habibullah,	
		AFFD.	P.Eng	elexic
NO.		37U-600		GIEXIC
				ENERGY

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DWG.



DATE: 05/27/21 DRAWN BY: HD CHECKED BY: WA CONSULTANT PROJECT NO. 60611569 APPROVED BY: WA CLIENT FILE No.: 811/20

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PROJEC

1890 Fifth Concession Rd

KEY PLAN

REVISIONS

GREENWOOD CONSERVATION

SCALE DRAWINGS.

NO. DATE. NAME

AECOM Canada Ltd.

519 650 5313 tel

www.aecom.com

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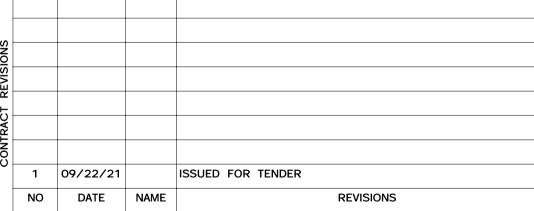
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Kitchener, Ontario, N2P 0A4

AECOM

50 Sportsworld Crossing Road, Suite 290

519 650 3424 fax





THE REGIONAL MUNICIPALITY OF DURHAM

WORKS DEPARTMENT DESIGN, CONSTRUCTION & ASSET MANAGEMENT

NEW SEATON PARAMEDIC STATION AND TRAINING FACILITY IN PICKERING ELECTRICAL SITE DETAILS

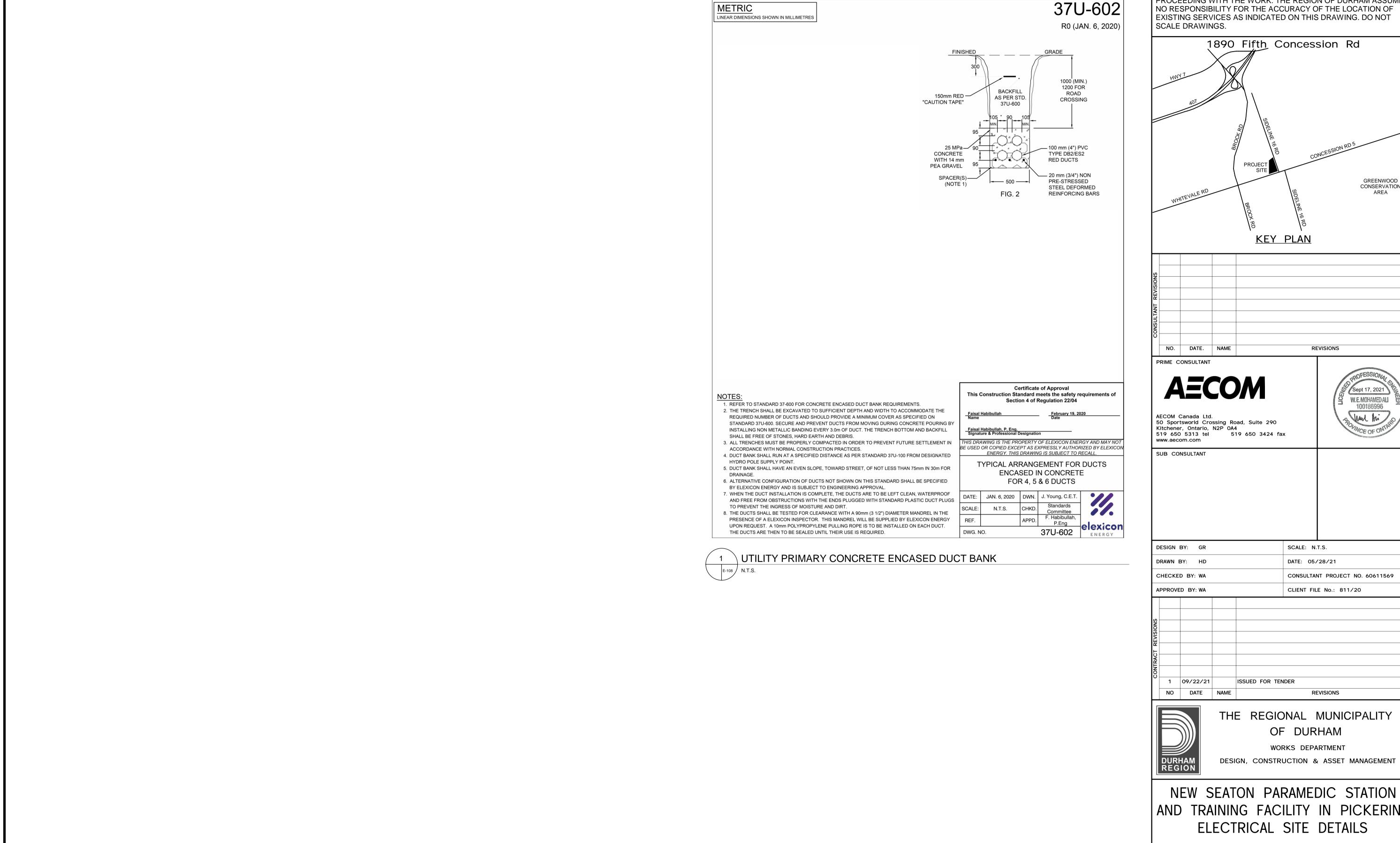
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CONTRACT NO.	DRAWING NO.	SHEET NO.	0/.00
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37U-600

R0 (JAN. 6, 2020)

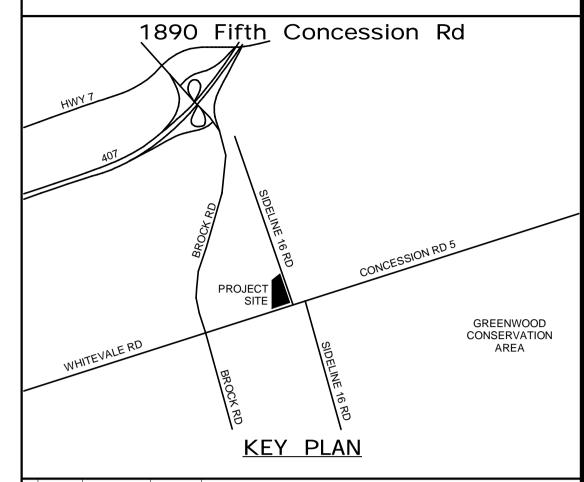
- Q - TRENCH -STREET CURB -**DETAIL 1** 45° BENDS STREET - Q - TRENCH -DETAIL 2 90° BENDS **Certificate of Approval** This Construction Standard meets the safety requirements of Section 4 of Regulation 22/04 ENERGY. THIS DRAWING IS SUBJECT TO RECALL CONCRETE ENCASED DUCT BANK REQUIREMENTS

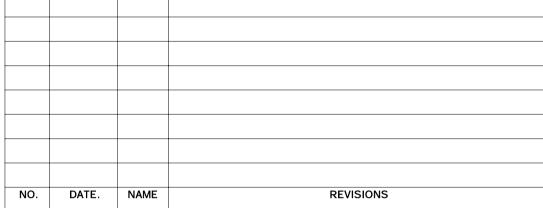
CONCRETE ENCASED DUCT BANK REQUIREMENTS



METRIC

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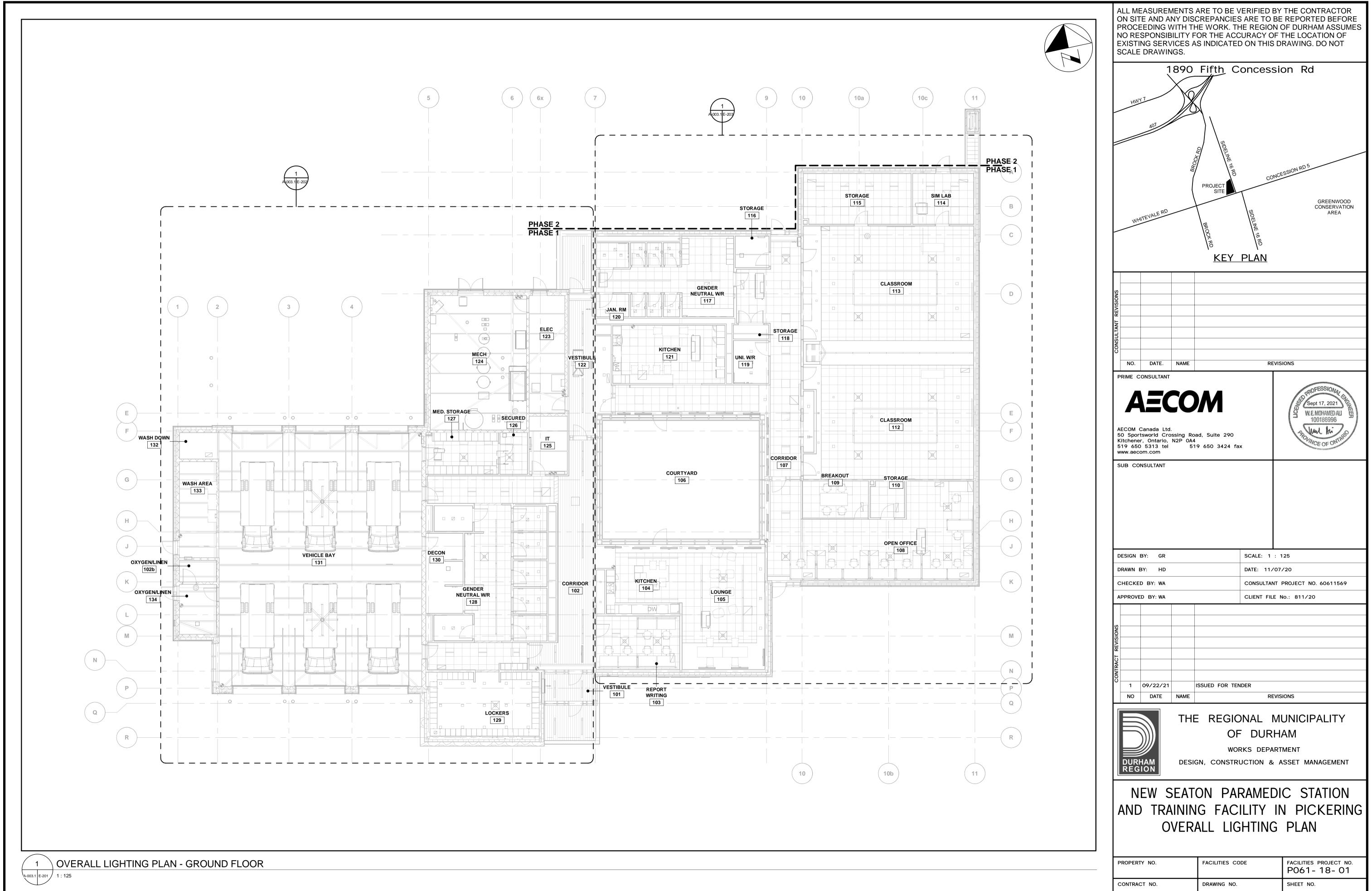




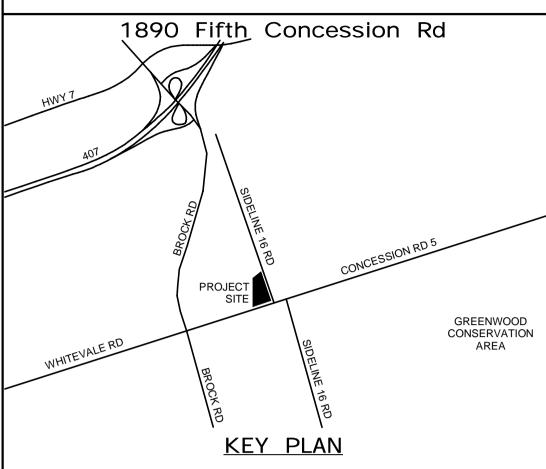
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AND TRAINING FACILITY IN PICKERING

PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061- 18- 01
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CONSULTANT PROJECT NO. 60611569

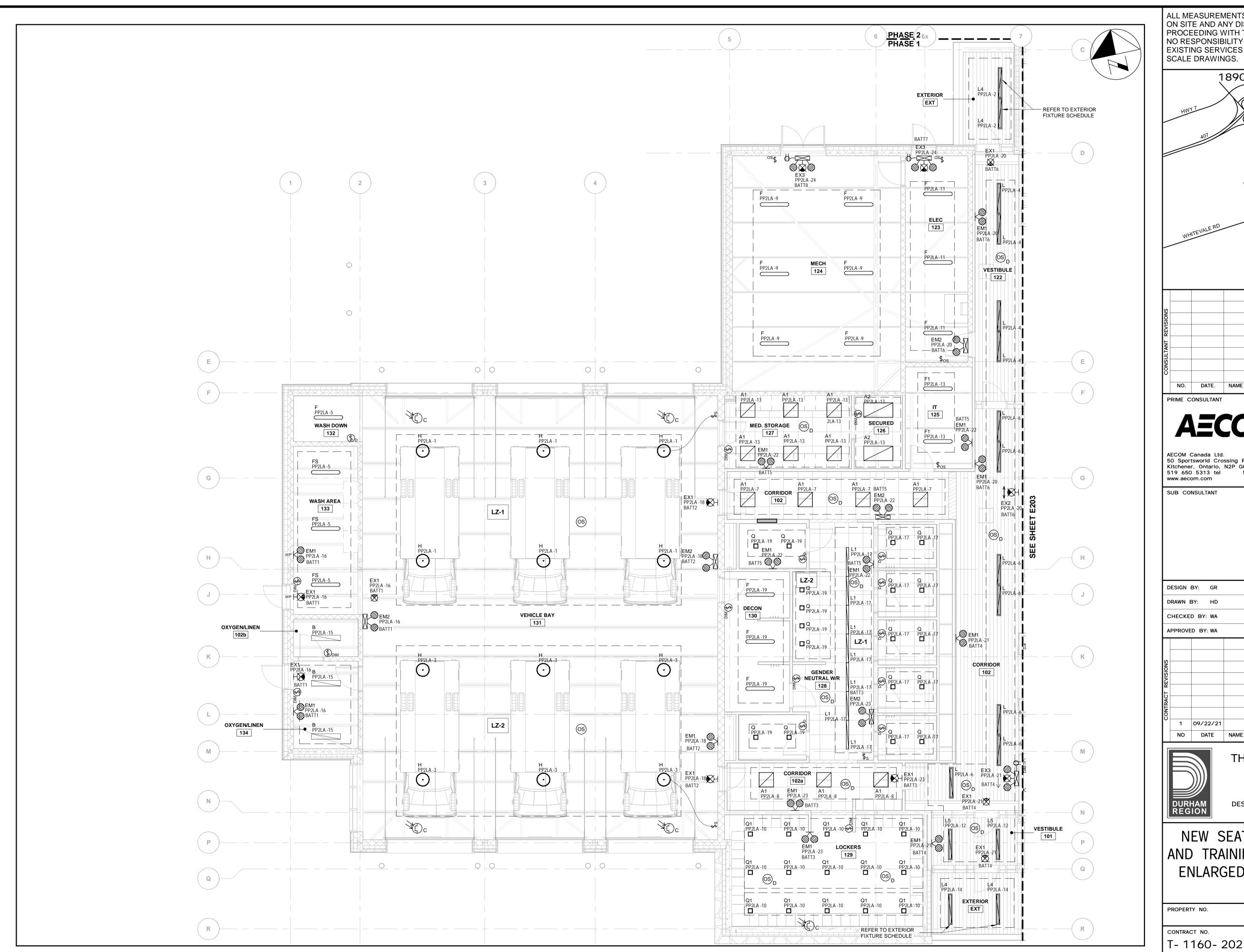
REVISIONS

THE REGIONAL MUNICIPALITY

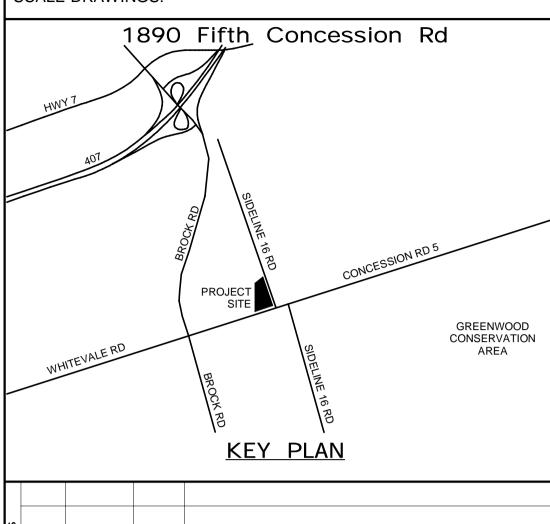
WORKS DEPARTMENT

NEW SEATON PARAMEDIC STATION

FACILITIES PROJECT NO. P061- 18- 01 SHEET NO. T- 1160- 2021 E- 201



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PRIME CONSULTANT **AECOM**

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50 Sportsworld Crossing Road, Suite 290
Kitchener, Ontario, N2P 0A4 519 650 3424 fax



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NO	DATE	NAME	REVISIONS



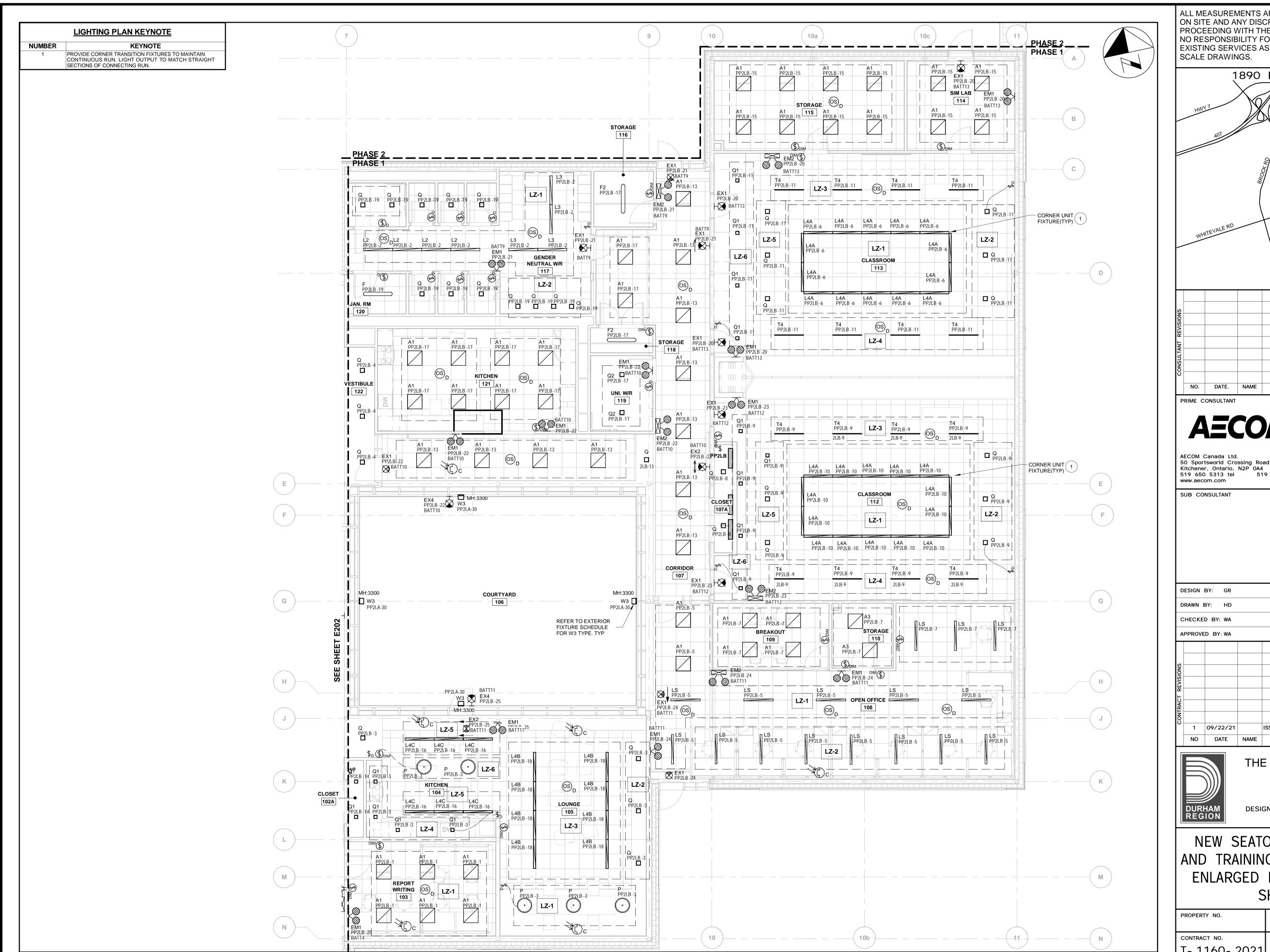
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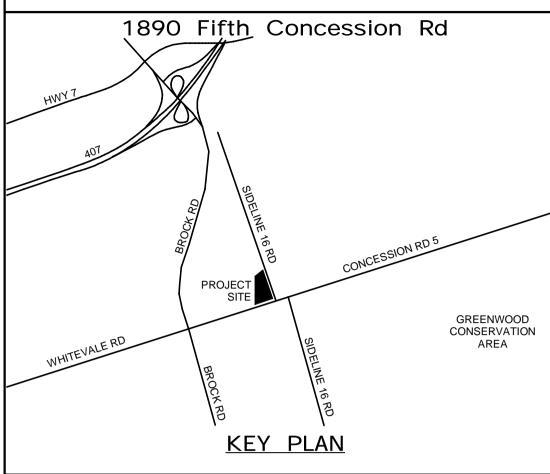
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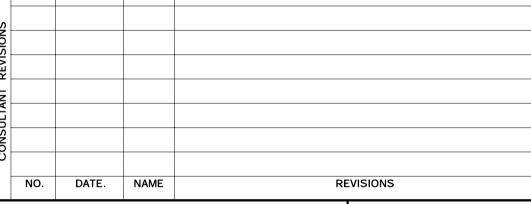
SHEET 1 OF 2

FACILITIES PROJECT NO. P061-18-01 FACILITIES CODE DRAWING NO. SHEET NO. T- 1160- 2021 E- 202



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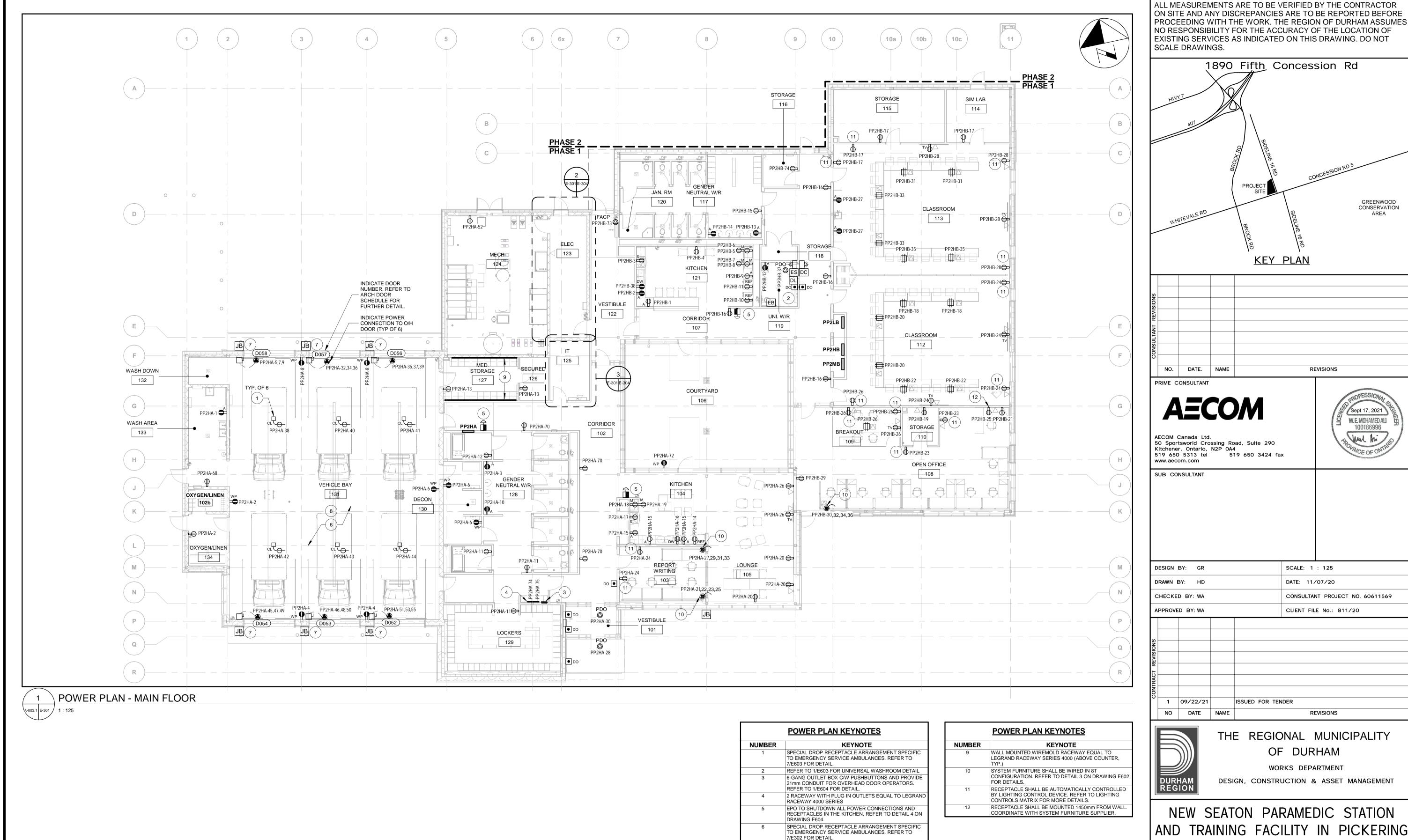
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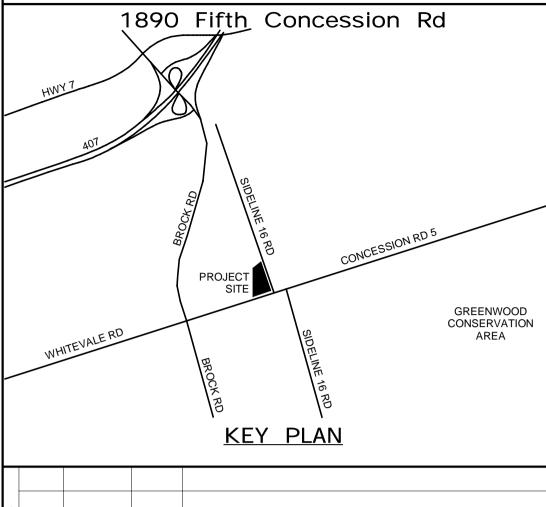
NEW SEATON PARAMEDIC STATION AND TRAINING FACILITY IN PICKERING ENLARGED PARTIAL LIGHTING PLAN SHEET 2 OF 2

ROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01
ONTRACT NO.	DRAWING NO.	SHEET NO.
- 1160- 2021	E- 203	



PROVIDE JUNCTION BOX C/W 21m CONDUIT TO THE DOOR OPERATOR FOR THE PHOTOCELL. EXACT LOCATION TO BE COORDIANTED ON SITE.

ALL DEVICES AND CONDUITS WITHIN VEHICLE BAY SHAL BE WEATHERPROOF TO ALLOW FOR WASHDOWN.

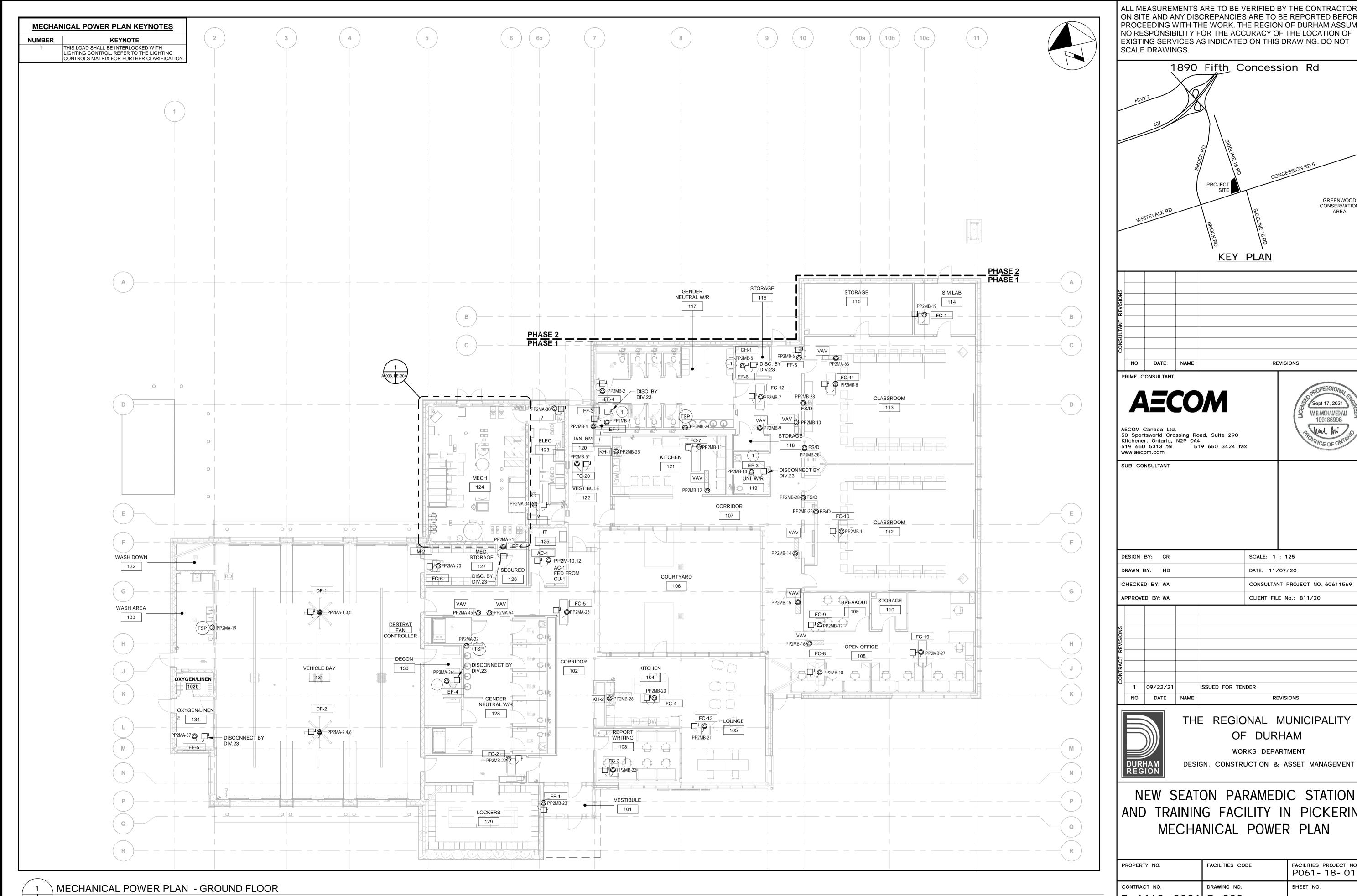




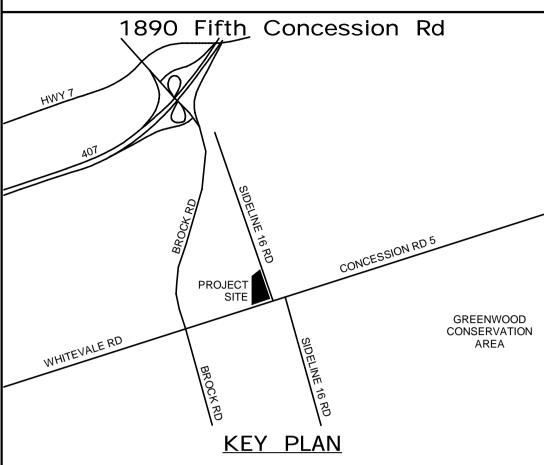
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NO	DATE	NAME	REVISIONS

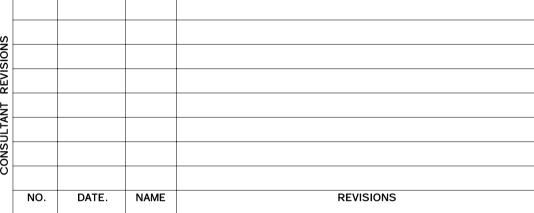
AND TRAINING FACILITY IN PICKERING POWER PLAN

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PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01	P-AMER
CONTRACT NO. T- 1160- 2021	DRAWING NO. E-301	SHEET NO.	BIM 360://BP



ALL MEASUREMENTS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE AND ANY DISCREPANCIES ARE TO BE REPORTED BEFORE PROCEEDING WITH THE WORK. THE REGION OF DURHAM ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF EXISTING SERVICES AS INDICATED ON THIS DRAWING. DO NOT







SCALE: 1 : 125 DATE: 11/07/20 CONSULTANT PROJECT NO. 60611569

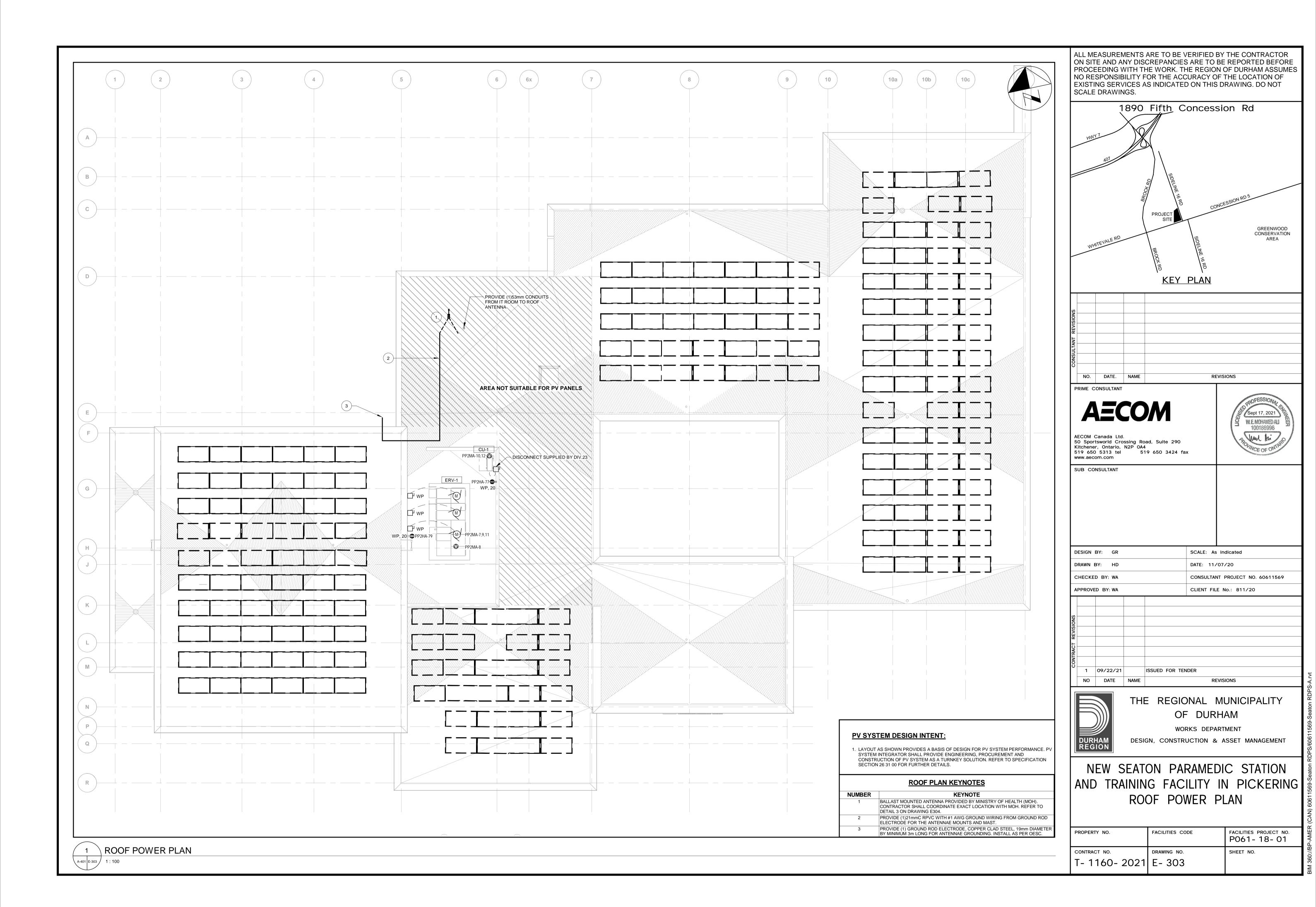
REVISIONS

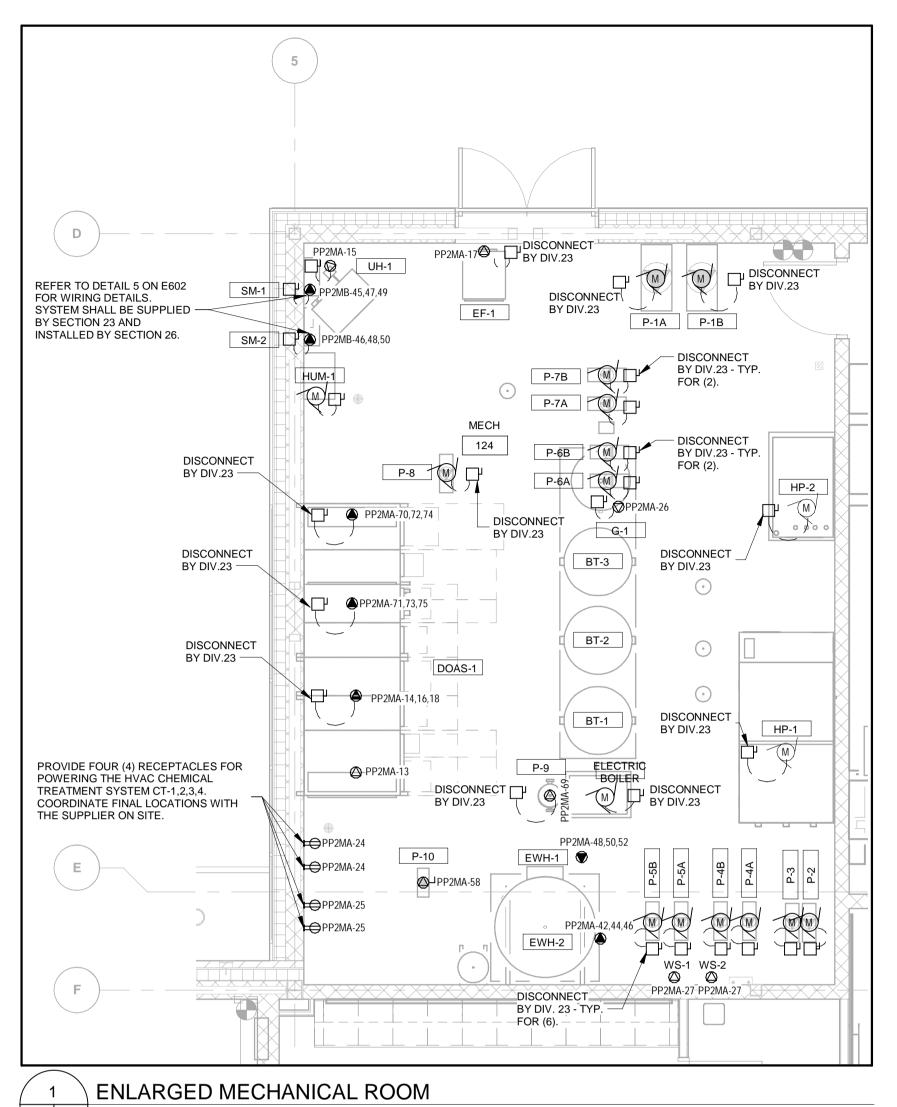
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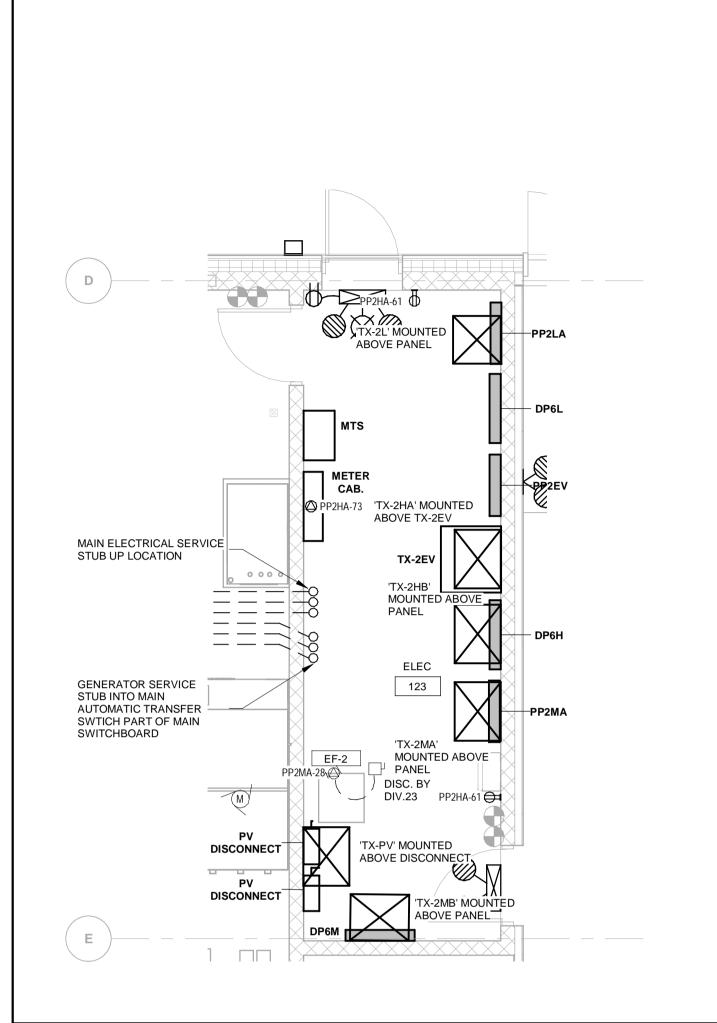
DESIGN, CONSTRUCTION & ASSET MANAGEMENT

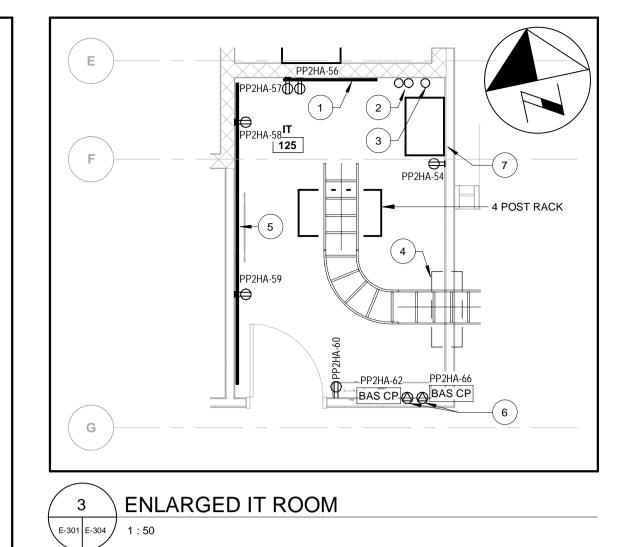
AND TRAINING FACILITY IN PICKERING MECHANICAL POWER PLAN

PERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01	P-AMFR
ITRACT NO.	DRAWING NO.	SHEET NO.	D://B
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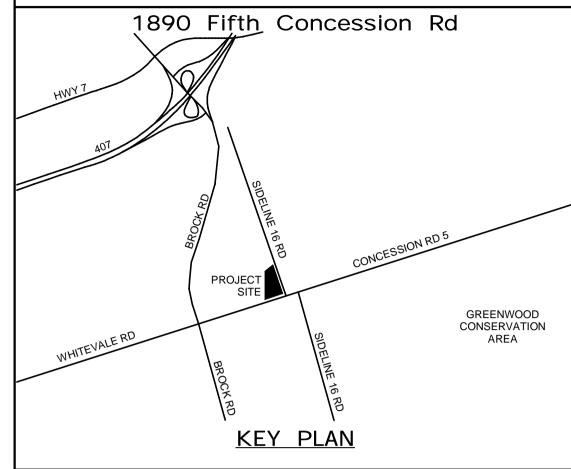


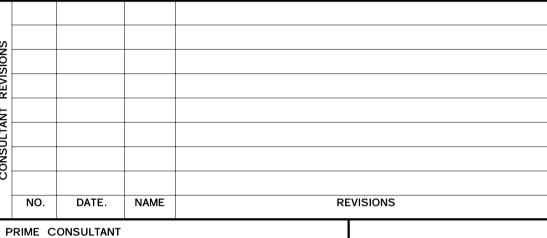
IT ROOM KEYNOTES				
NUMBER	KEYNOTE			
1	1220mm X 2440mm X 19mm FIRE RATED PLYWOOD BACKBOARD FOR BUILDING COMM. SERVICES. PROVIDE #6 BOND BACK TO BUILDING GROUND.			
2	INCOMING COMM. CONDUIT STUB-UP LOCATION			
3	(1) 53mm CONDUIT TO ROOF ANTENNA.			
4	PROVIDE EZ-PATH SERIES 44+ FIRE RATED PATHWAY FROM IT ROOM TO CORRIDOR SPACE.			
5	PROVIDE 2440mm X 19mm FIRE RATED PLYWOOD BACKBOARD ALONG LENGTH OF WALL FOR SECURITY, CARD ACCESS, AND TELEPHONE HEAD END EQUIPMENT.			
6	PROVIDE DEDICATED CIRCUIT FOR MECHANICAL BAS PANEL.			
7	MINISTRY OF HEALTH PAGING CABINET PROVIDED BY OTHERS.			

ENLARGED MECHNANICAL ROOM GENERAL NOTES:

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TERMINATIONS AND CONNECTIONS FROM VFD TO MOTORS, WHEREVER APPLICABLE.

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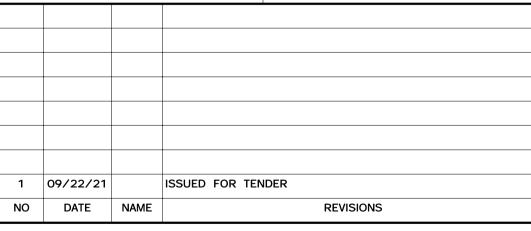
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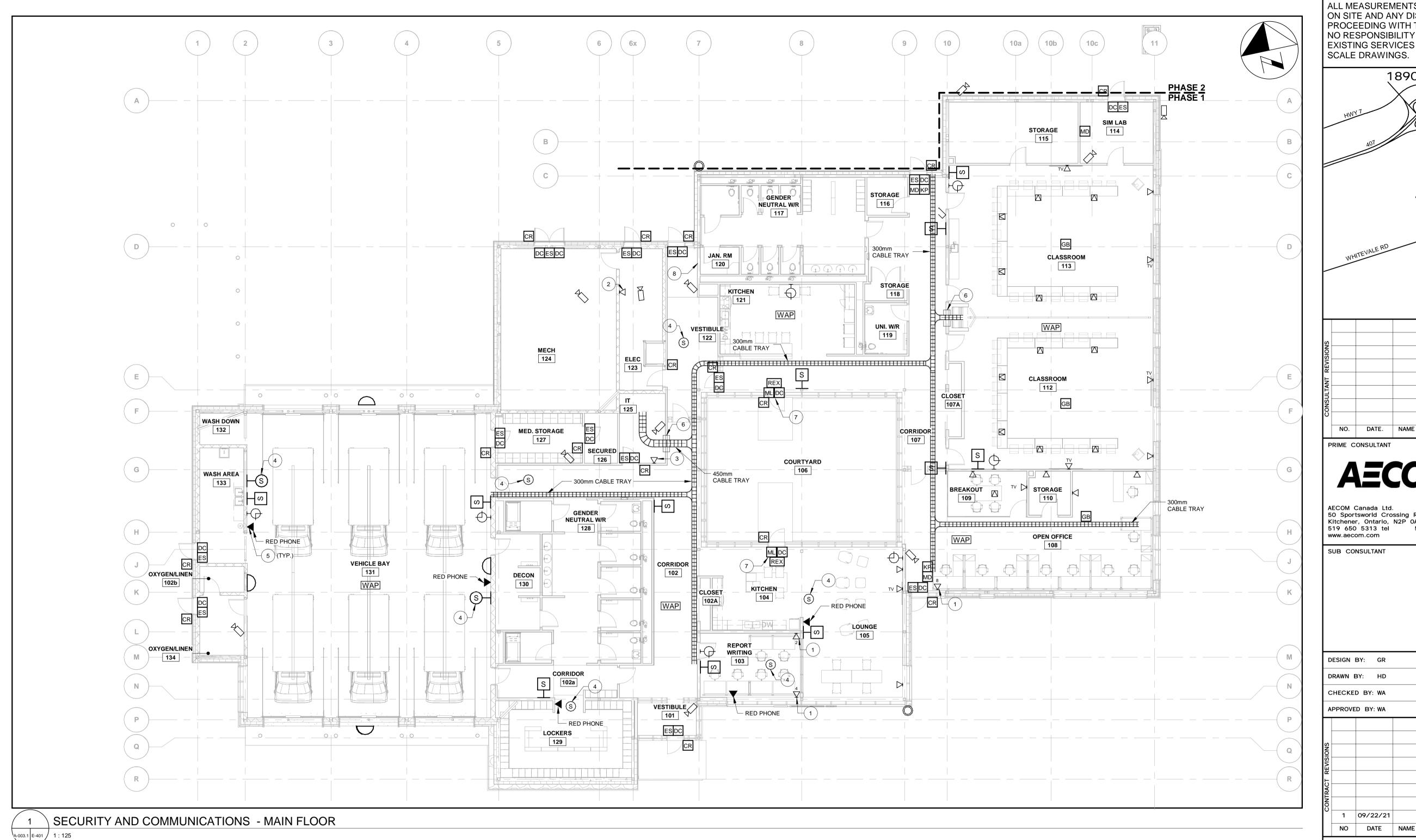
THE REGIONAL MUNICIPALITY OF DURHAM

WORKS DEPARTMENT
DESIGN, CONSTRUCTION & ASSET MANAGEMENT

NEW SEATON PARAMEDIC STATION
AND TRAINING FACILITY IN PICKERING
ENLARGED PLANS

PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01
CONTRACT NO.	DRAWING NO.	SHEET NO.
T- 1160- 2021	E- 304	

2 ENLARGED ELECTRICAL ROOM
1:50

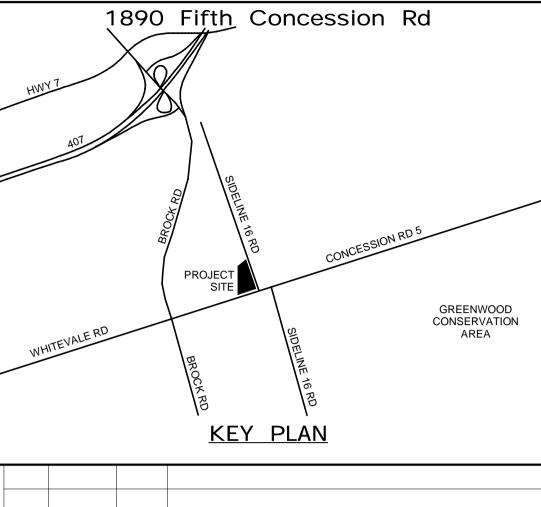


SECURITY AND SYSTEMS KEYNOTES NUMBER PROVIDE (1) DATA DROP PER SYSTEM FURNITURE. PROVIDE (1) DATA DROP FOR HYDRO METERING CABINET. PROVIDE (1) DATA DROP FOR BAS PANEL. CONTRACTOR SHALL INSTALL MINISTRY OF HEALTH (MOH) SPEAKERS DEDICATED TO THE AMBULANCE BASE PAGING SYSTEM. COORDINATE LOCATION WITH MOH PRIOR TO ROUGH-IN REFER TO DETAIL 2 ON E603 FOR DETAILS. PROVIDE EZ-PATH SERIES 44+ FIRE RATED PATHWAY. MAGNETIC DOOR LOCK, LOCKS ARE TO BE RELEASED UPON A FIRE CONDITION OR IF LOCAL PULL STATIONS ARE ACTIVATED. REFER TO DETAIL 4 ON DRAWING E602. MAGLOCK RELEASE SWITCH TO BE LOCATED NEXT TO FIRE ALARM

SECURITY AND SYSTEMS PLAN GENERAL NOTES:

- 1. REFER TO SPECIFICATION SECTION 27 51 23 INTERCOM AND PUBLIC ADDRESS SYSTEM FOR DETAILS ON SCOPE OF WORK.
- 2. REFER TO SPECIFICATION SECTION 27 53 13 CLOCK SYSTEM FOR DETAILS ON SCOPE
- 3. REFER TO SPECIFICATION SECTION 28 10 00 CARD ACCESS AND INTRUSION DETECTION FOR DETAILS ON SCOPE OF WORK.
- 4. REFER TO SPECIFICATION SECTION 28 23 00 CCTV EQUIPMENT FOR DETAILS ON SCOPE

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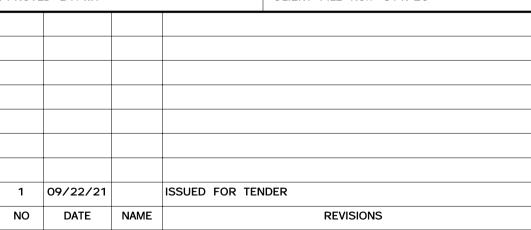


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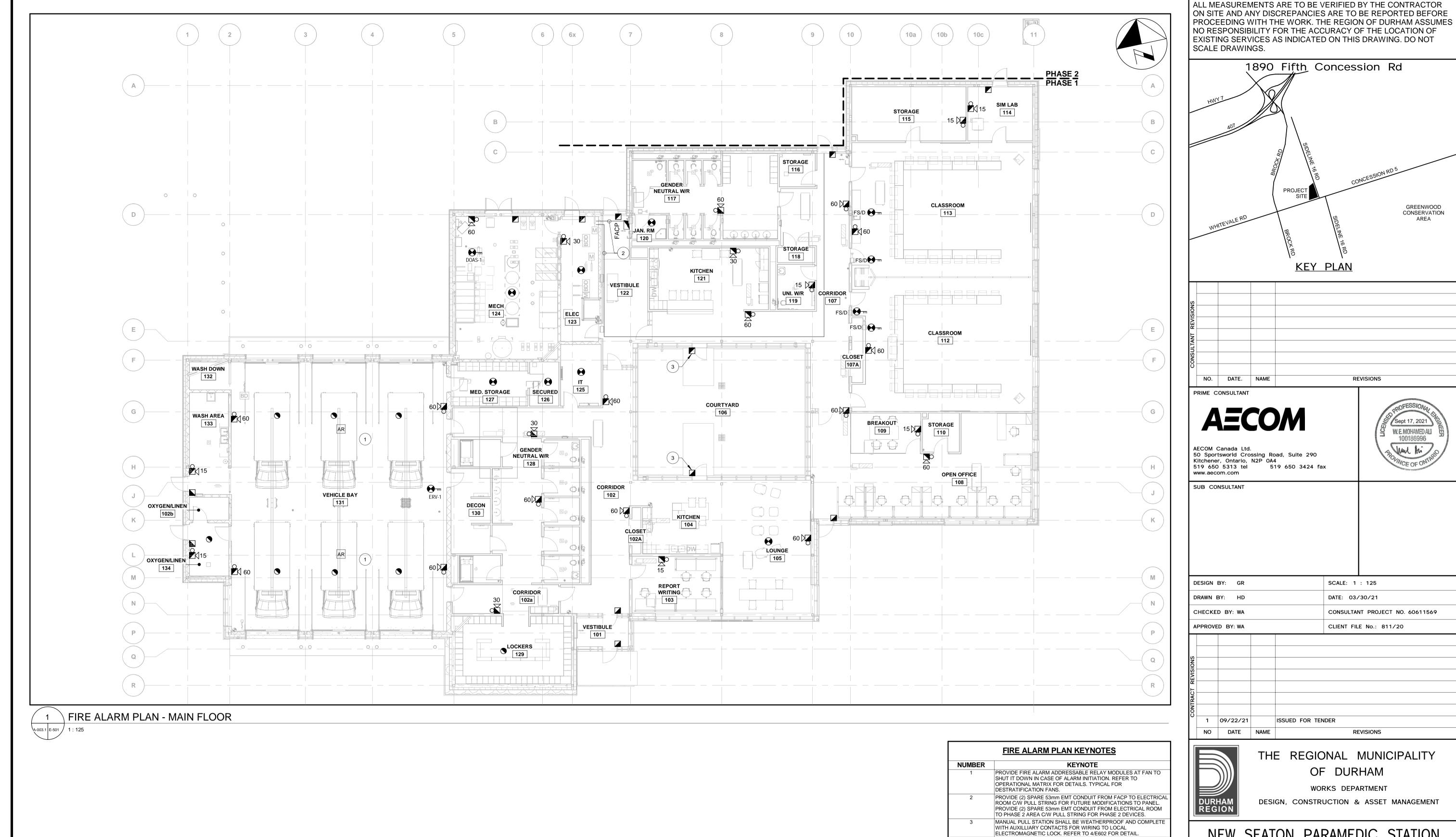


THE REGIONAL MUNICIPALITY OF DURHAM

WORKS DEPARTMENT DESIGN, CONSTRUCTION & ASSET MANAGEMENT

NEW SEATON PARAMEDIC STATION AND TRAINING FACILITY IN PICKERING SECURITY AND SYSTEMS PLAN

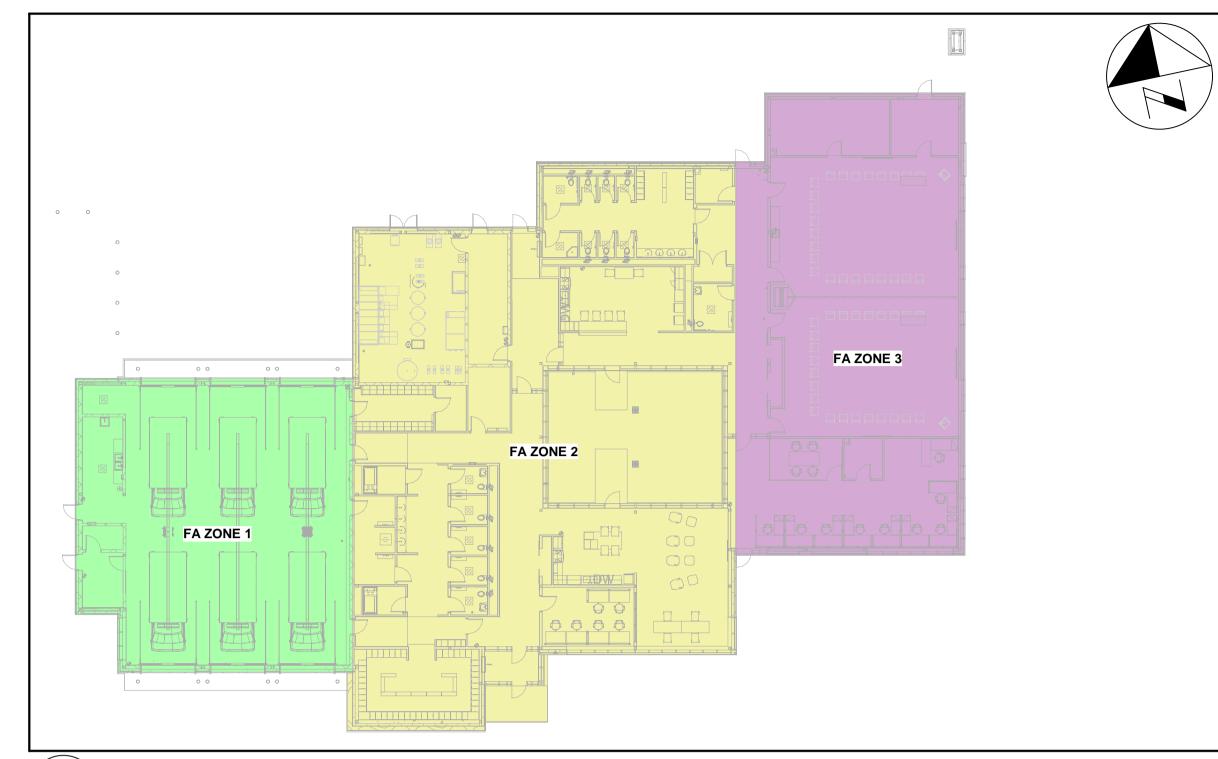
PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01
CONTRACT NO.	DRAWING NO.	SHEET NO.
T- 1160- 2021	E- 401	



NEW SEATON PARAMEDIC STATION
AND TRAINING FACILITY IN PICKERING
FIRE ALARM PLAN

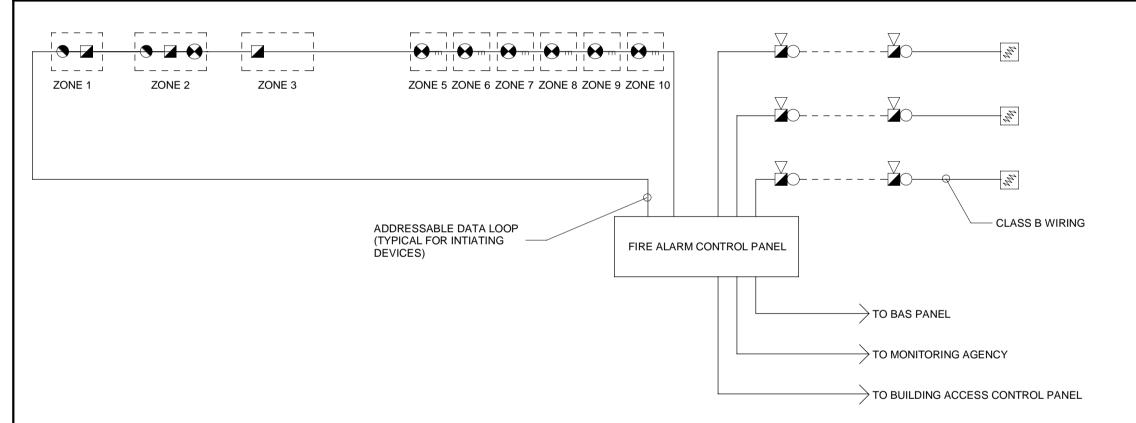
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PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01	BP-AMER
CONTRACT NO. T- 1160- 2021	DRAWING NO. E-501	SHEET NO.	3//:09E

	FIRE ALARM ZONE SCHEDULE				
ZONE	DESCRIPTION	ALARM	SUPERVISORY	CONTROL	NOTES
1	VEHICLE AREA	х			
2	ADMIN AREA	х			
3	CLASSROOMS	х			
4	RESERVED FOR PHASE 2	х			
5	ERV-1 DUCT SMOKE	х		х	DETECTOR IS HARDWIRED TO HVAC UNIT TO SHUTDOWN UPON ALARM FROM
6	DOAS-1 DUCT SMOKE	х		х	ASSOCIATED DUCT SMOKE DETECTOR.
7	FS/D DUCT SMOKE	х		х	DETECTOR IS HARDWIRED TO
8	FS/D DUCT SMOKE	х		х	FIRE/SMOKE DAMPER ACTUATOR TO
9	FS/D DUCT SMOKE	х		х	CLOSE UPON ALARM FROM ASSOCIATED DUCT SMOKE DETECTOR.
10	FS/D DUCT SMOKE	х		х	DUCT SWOKE BETECTOR.
S1	STANDBY GENERATOR - GENERAL FAULT		x		
C1	ALARM SIGNAL TO MONITORING AGENCY			х	
C2	ALARM SIGNAL TO BUILDING AUTOMATION SYSTEM			х	
С3	ALARM SIGNAL TO BUILDING ACCESS CONTROL SYSTEM			х	
C4	ERV-1 SHUTDOWN			х	
C5	DOAS-1 SHUTDOWN			х	
C6	DESTRATIFICATION FAN SHUTDOWN			х	



1 FIRE ALARM ZONING PLAN - MAIN FLOOR

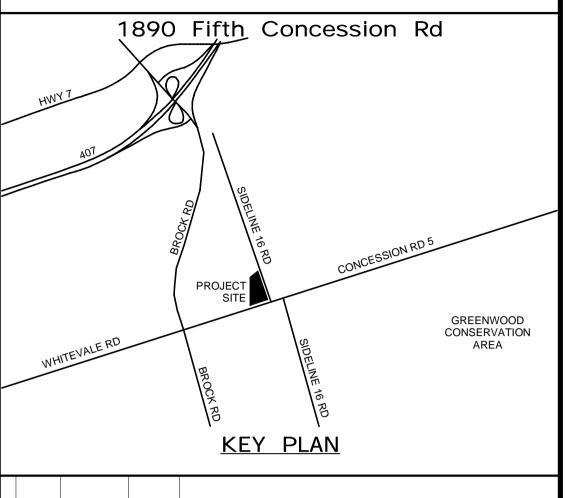
A-003.1 E-502 1 : 25



FIRE ALARM NOTES:

- A. THIS DRAWING IS DIAGRAMMATICALLY ONLY. FOR EXACT QUANTITIES AND LOCATION OF DEVICES AND EQUIPMENT, REFER TO ELECTRICAL FLOOR
- B. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ELECTRICAL FIRE ALARM DRAWINGS.
- C. ALL END-OF-LINE, IF ANY, RESISTORS AND ISOLATORS TO BE LOCATED IN ELECTRICAL ROOM/CLOSET OR SERVICE ROOM.
- D. ALL FINAL DESIGNATION OF NAMES FOR THE FIRE ALARM ANNUNCIATOR ARE TO CORRESPOND TO THE FLOOR DESIGNATIONS.
- E. PROVIDE REMOTE NOTIFICATION APPLIANCE CIRCUIT POWER BOOSTER PANELS AS REQUIRED.
- F. AUDIBLE AND VISUAL NOTIFICATION APPLIANCES SHALL BE WIRED AND CONTROLLED SEPARATELY.
- G. COORDINATE CONNECTION OF FIRE ALARM SYSTEM EXTERNAL
- MONITORING WITH CONTRACTING SERVICE COMPANY.
- F. ADDRESSABLE INTERFACE MODULES MAY BE REQUIRED FOR THE INTEGRATION OF NON-ADDRESSABLE INITIATING AND SIGNALING DEVICES. PROVIDE AS NECESSARY. REFER TO FIRE ALARM DETAILS FOR ADDITIONAL INFORMATION.
- H. PROVIDE 120V POWER FOR FACP FROM NEAREST HOUSE PANEL. PROVIDE 15A-1P BREAKER. BREAKER SHALL BE PAINTED RED AND LOCKED IN THE "ON" POSITION.
- I. ENTIRE FIRE ALARM SYSTEM SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH CAN/ULC-S524 AND CAN/ULC-S537, APPLICABLE
- J. PROVIDE INTEGRATED TESTING OF FIRE ALARM COMPONENTS IN ACCORDANCE WITH CAN/ULC-1001.
- 2 FIRE ALARM RISER DIAGRAM
 N.T.S.

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APPROVED BY: WA

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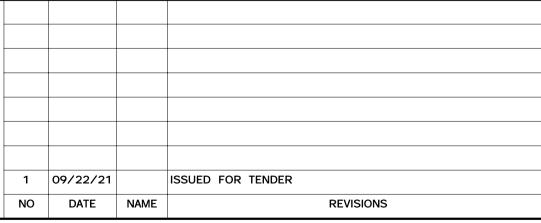
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CONSULTANT PROJECT NO. 60611569





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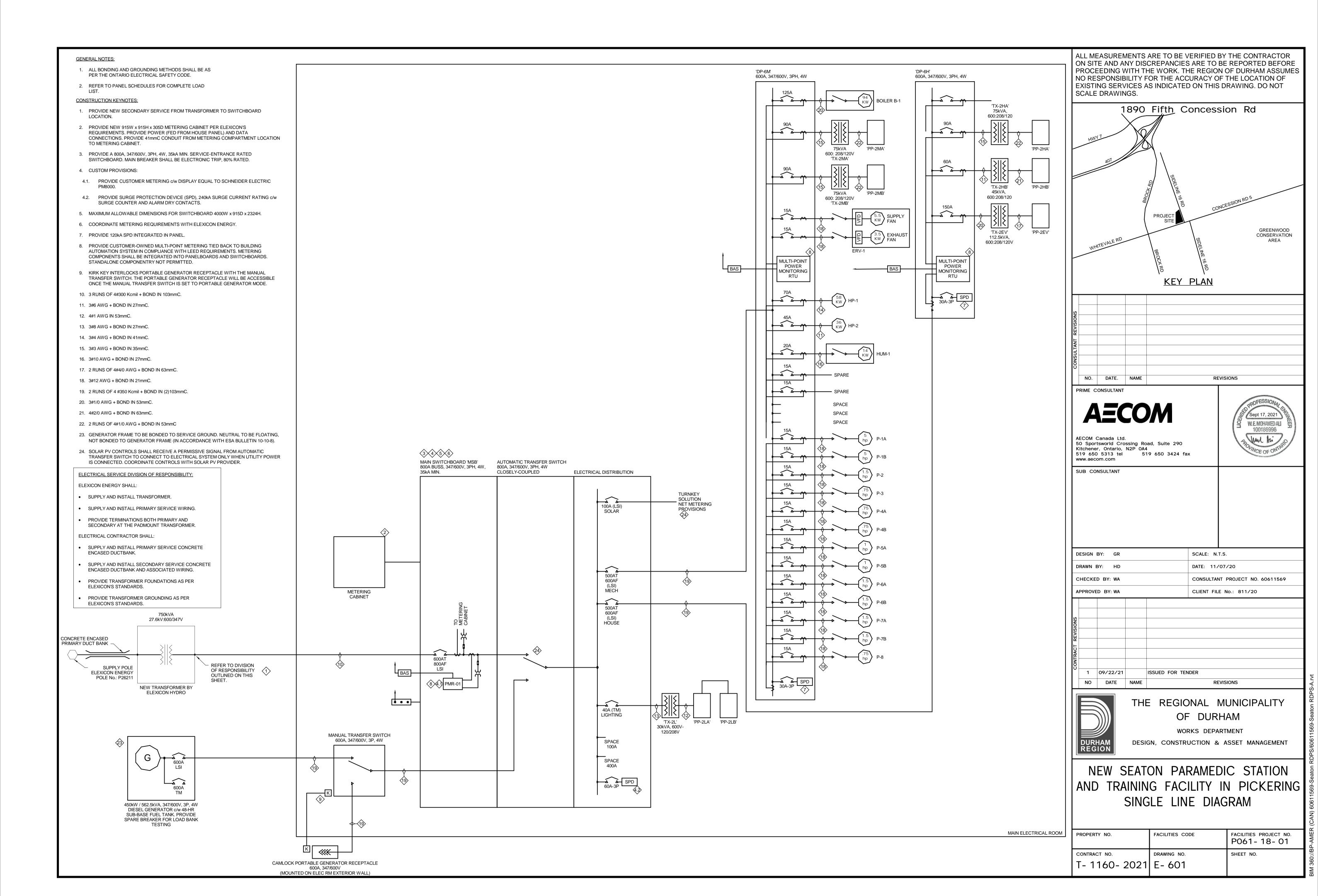
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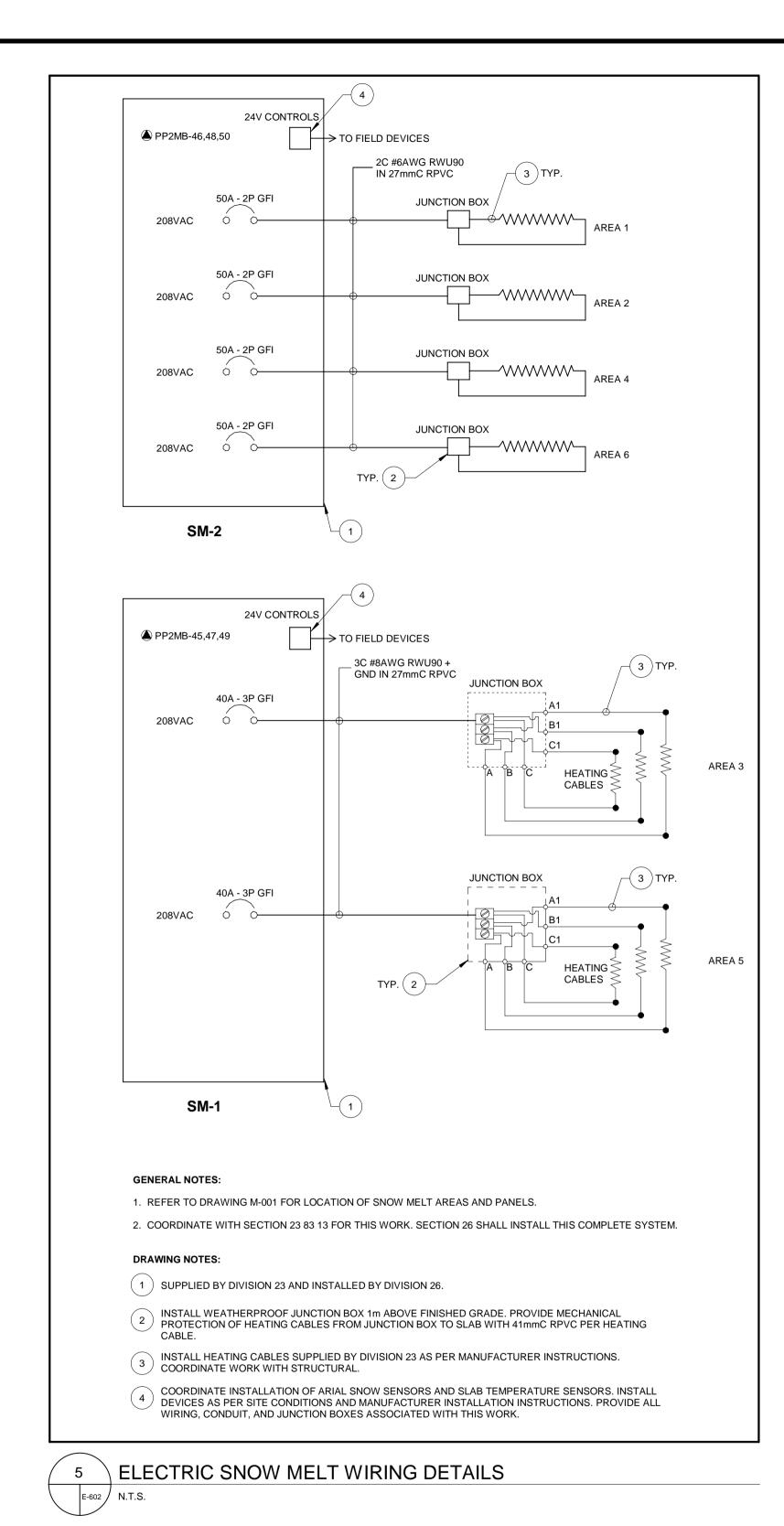
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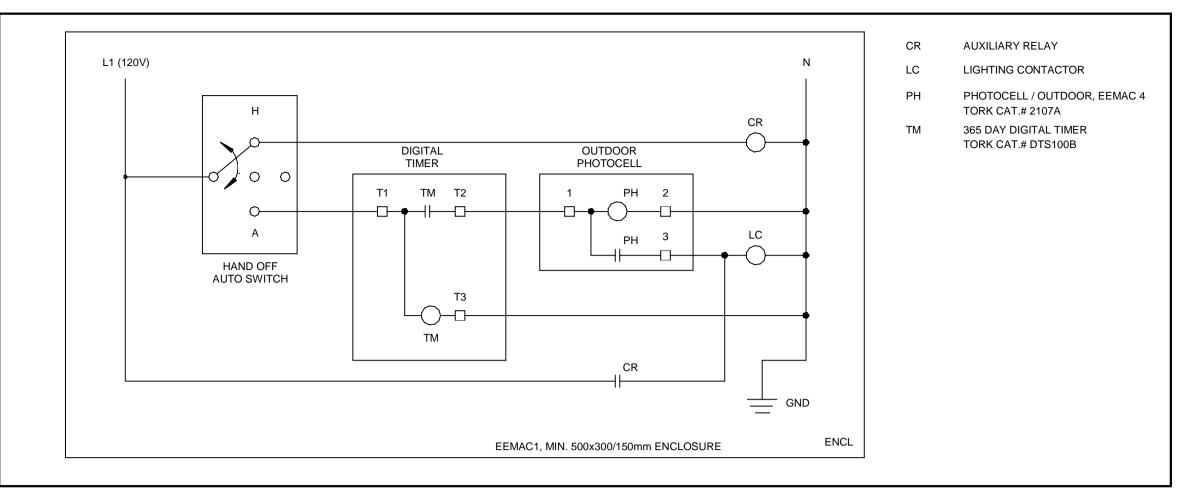
DESIGN, CONSTRUCTION & ASSET MANAGEMENT

NEW SEATON PARAMEDIC STATION AND TRAINING FACILITY IN PICKERING FIRE ALARM ZONE PLAN, RISER DIAGRAM AND DETAILS

PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01	L
CONTRACT NO.	DRAWING NO.	SHEET NO.	<u>(</u>
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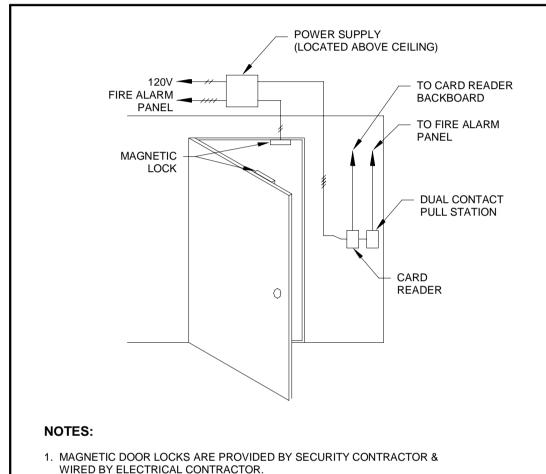




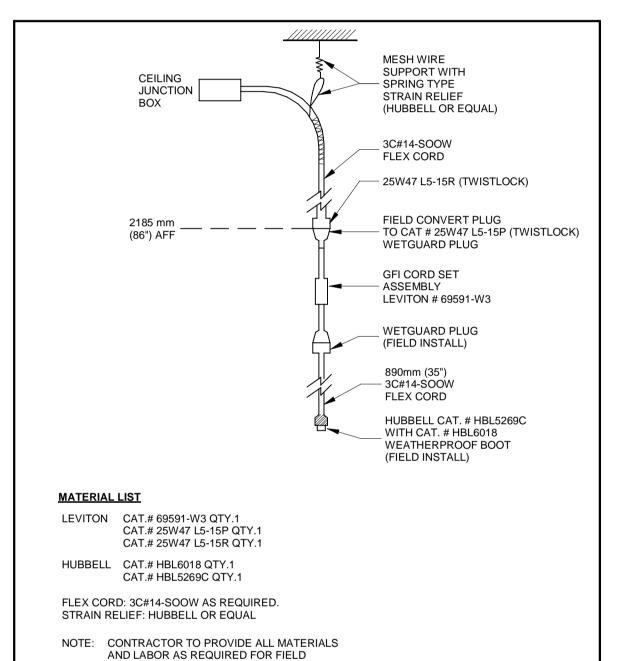


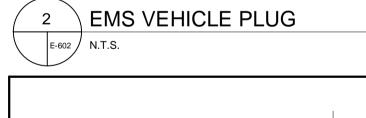
OUTDOOR LIGHTING CONTROLS

E-602 N.T.S.



- 2. SIZE ALL CONDUCTORS PER MANUFACTURER'S INSTRUCTIONS.
- MAGNETIC DOOR LOCKS ARE TO RELEASE UNDER A FIRE CONDITION OR IF LOCAL PULL STATIONS ARE ACTIVATED.
- 4. CONTRACTOR TO PROVIDE ELECTROMAGNETIC LOCKS COMPLETE WITH
- 4 ELECTROMEGNETIC LOCK DETAIL





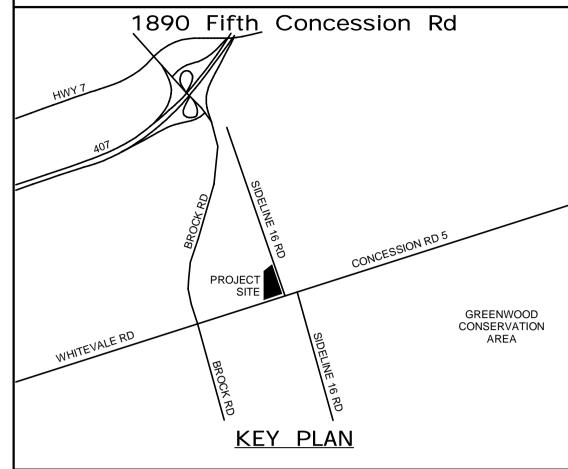
CONVERSION AND ASSEMBLY. DETAILED

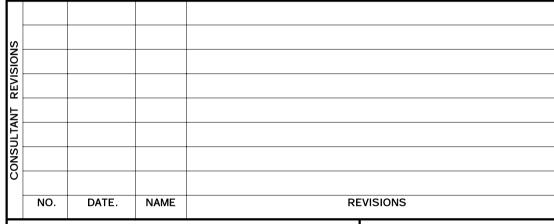
ASSEMBLY INSTRUCTIONS WILL BE

	NO. REGULAR CIRCUITS	NO. ISOLATED CIRCUITS
3-WIRE ISOLATED (8T) (3+1)		
NEUTRAL (WHITE)		
CIRCUIT 1 (BLACK)		
CIRCUIT 2 (RED)		
CIRCUIT 2 (BLUE)	3	1
GROUND (GREEN)	3	'
ISOLATED CIRCUIT 5 (ORANGE)		
ISOLATED NEUTRAL (WHITE/ORANGE)		
ISOLATED GROUND (GREEN/ORANGE)		

3 SYSTEM FURNITURE WIRING

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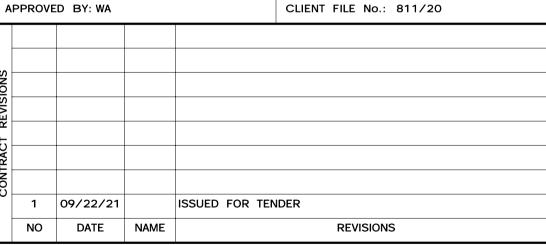
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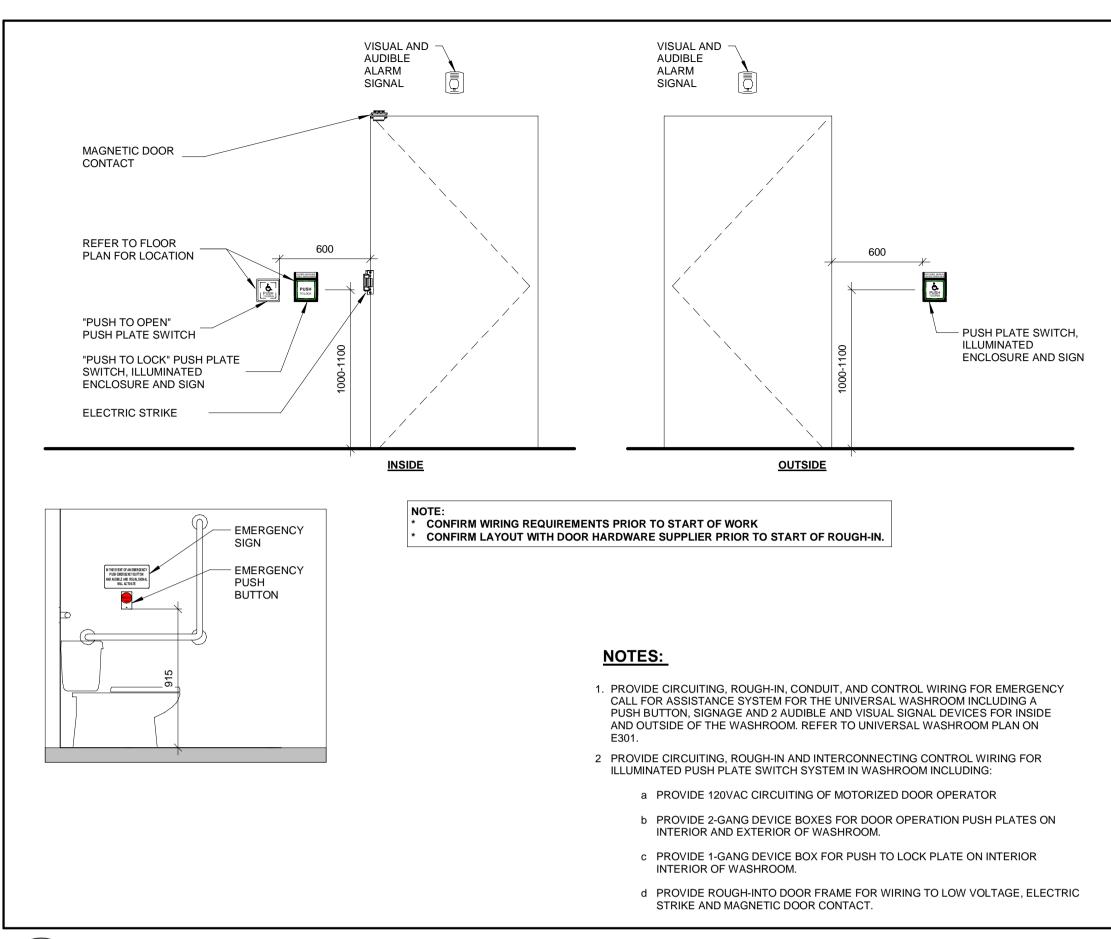
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OF DURHAM

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DESIGN, CONSTRUCTION & ASSET MANAGEMENT

NEW SEATON PARAMEDIC STATION

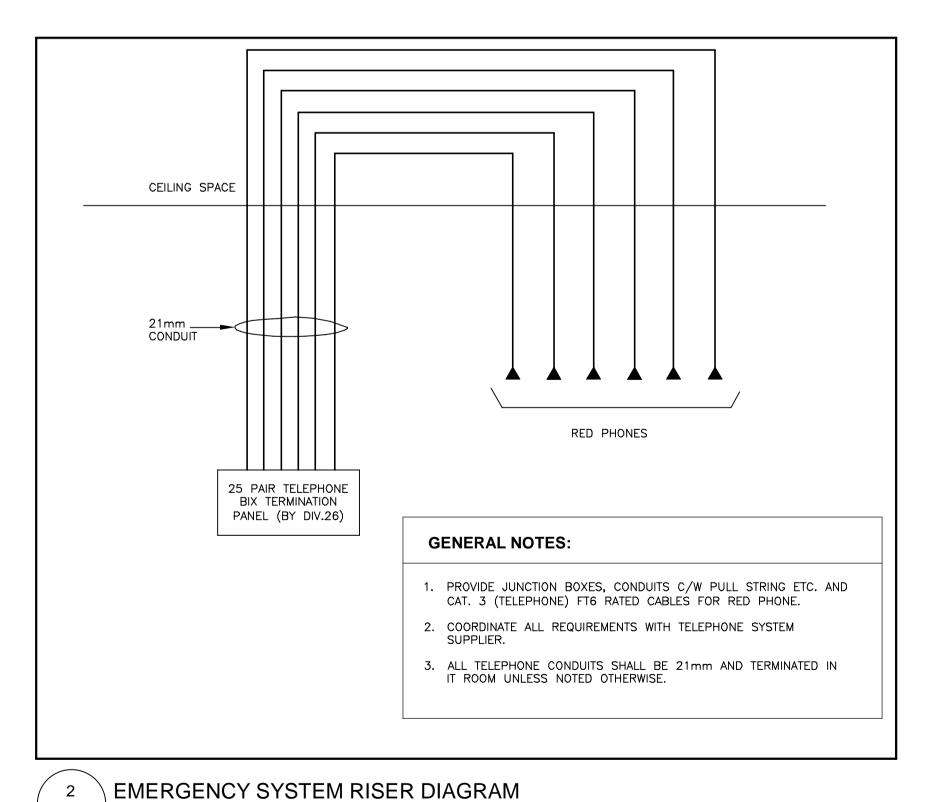
AND TRAINING FACILITY IN PICKERING ELECTRICAL DETAILS

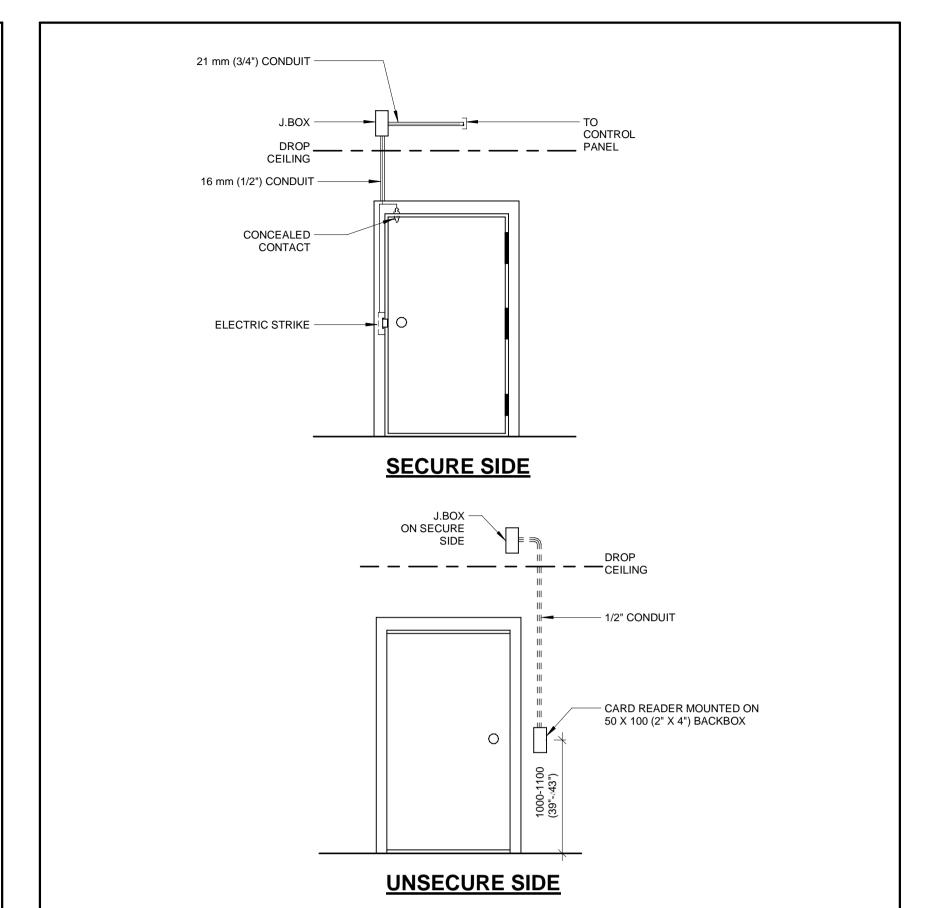
PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061- 18- 01	
CONTRACT NO. T- 1160- 2021	DRAWING NO. E-602	SHEET NO.	



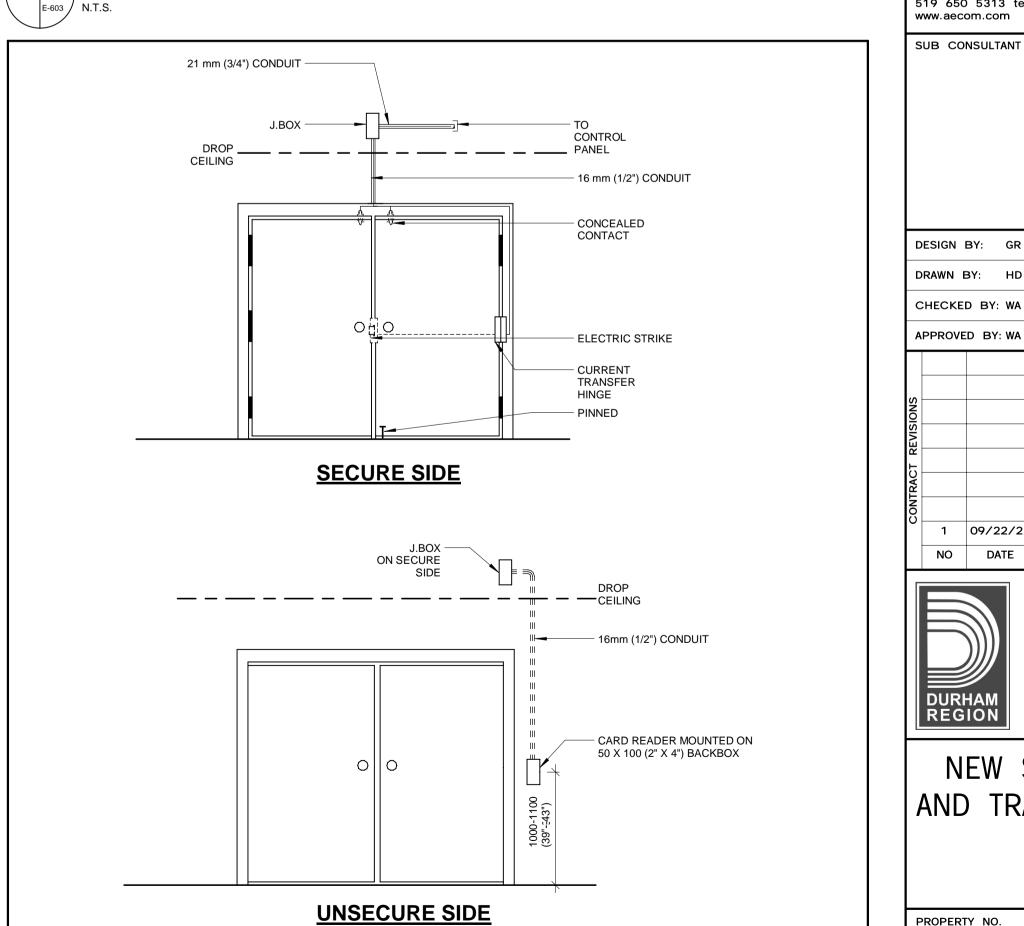
UNIVERSAL WASHROOM DETAIL

E-603 N.T.S.



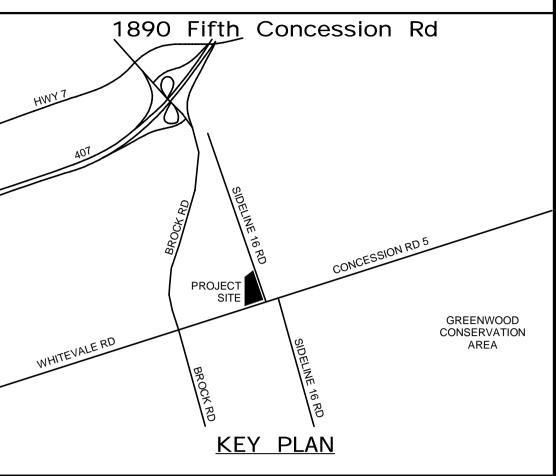


TYPICAL SINGLE DOOR DETAIL C/W CONTACT, STRIKE, CARD READER



TYPICAL DOUBLE DOOR DETAIL C/W CONTACTS, STRIKE, CARD READER

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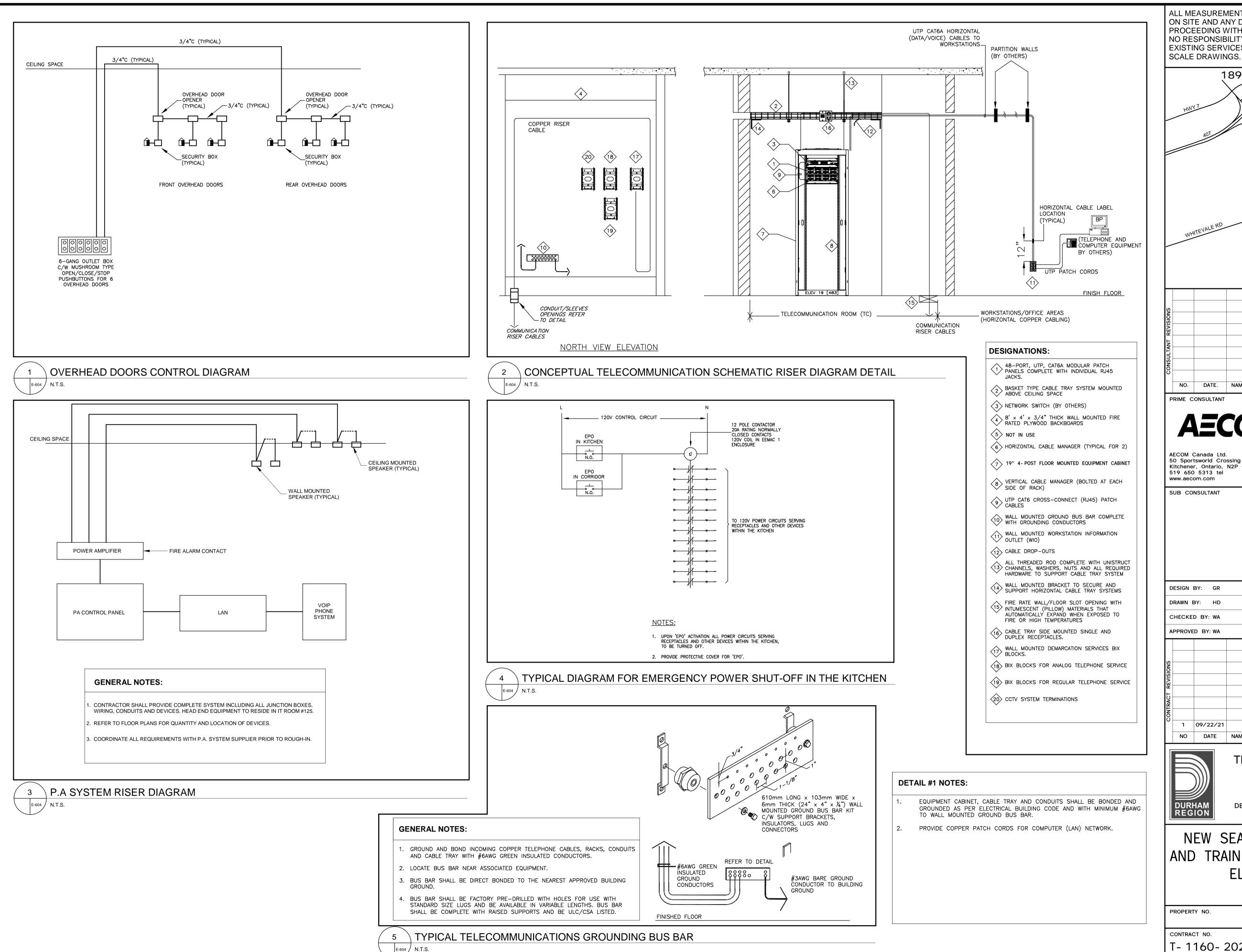


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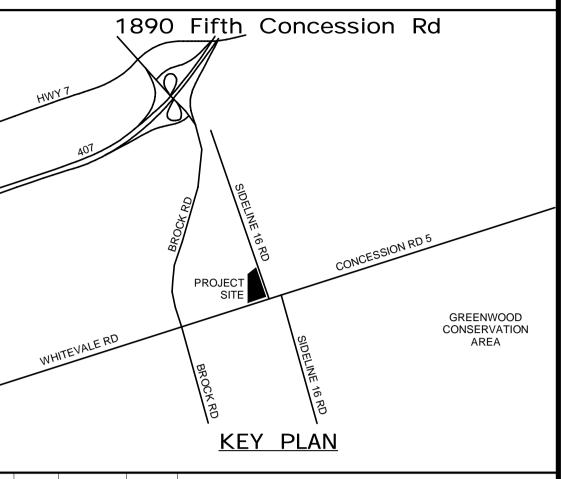
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NEW SEATON PARAMEDIC STATION AND TRAINING FACILITY IN PICKERING ELECTRICAL DETAILS

OPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01
ONTRACT NO.	DRAWING NO.	SHEET NO.
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REVISIONS

DATE: 03/30/21

WORKS DEPARTMENT

DESIGN, CONSTRUCTION & ASSET MANAGEMENT

NEW SEATON PARAMEDIC STATION AND TRAINING FACILITY IN PICKERING ELECTRICAL DETAILS

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PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01	P-AMER
CONTRACT NO. T- 1160- 2021	DRAWING NO. E-604	SHEET NO.	BIM 360://BI

			EMERGENCY LIG	HTING FIXTU	JRE SCH	EDULE			
TYPE	IMAGE	MANUFACTURER / MODEL	DESCRIPTION	INPUT WATTS	VOLT	LAMP	MOUNTING	CAT.#	NOTES
EX1	\(\frac{\chi}{2}\)	LUMACELL/ LD SERIES OR APPROVED EQUAL	SINGLE FACE EXIT SIGN	2.5W	120	LED	CEILING / WALL	LD1BAAC3	WALL OR CEILING MOUNTED AS PER SYMBOLS ON PLANS. TO BE CONNECTED TO EMERGENCY LIGHTING CURCUITS
EX2	\$\dagger \tau \tau \tau \tau \tau \tau \tau \tau	LUMACELL/ LD SERIES OR APPROVED EQUAL	DOUBLE FACE EXIT SIGN	2.5W	120	LED	CEILING	LD2BAAC3	TO BE CONNECTED TO EMERGENCY LIGHTING CURCUITS
EX3		LUMACELL/ LAC SERIES OR APPROVED EQUAL	SINGLE FACE COMBO EMERGENCY + EXIT LIGHT	12.5	120	LED	CEILING	LAC1B12502LD9	TO BE CONNECTED TO EMERGENCY LIGHTING CURCUITS
EX4		LUMACELL/ LN SERIES OR APPROVED EQUAL	SINGLE FACE EXITERIOR EXIT SIGN	2.5W	120	LED	WALL	LN1BU	TO BE CONNECTED TO EMERGENCY LIGHTING CURCUITS
EM1		LUMACELL/ MQM SERIES OR APPROVED EQUAL	DOUBLE HEAD REMOTE LAMP	10W	120	LED	WALL	MQM2LD9	TO BE CONNECTED TO EMERGENCY LIGHTING CURCUITS
EM2		LUMACELL/ RGC SERIES OR APPROVED EQUAL	DOUBLE HEAD REMOTE LAMP + BATTERY	10W	120	LED	WALL	RG12C722LD9ZD	TO BE CONNECTED TO EMERGENCY LIGHTING CURCUITS

		MANUAL		OCCUPANCY	PLUG	SCHEDULE	DAYLIGHT	
SPACE TYPE	ROOM NAMES	SWITCH	DIMMING	SENSING	LOAD CONTROL	TIMER	HARVESTING	NOTES
	101 VESTIBULE, 102 CORRIDOR, 102a CORRIDOR, 122 VESTIBULE, 107 CORRIDOR		×	×		X		SCHEDULED DAY TIME FULL ON, SCHEDULED NIGHT TIME DIMMING TO 30%, AUTO FULL ON WITH OCCUPANCY SENSING OVERNIGHT.
SERVICE ROOMS SPACES	124 MECH, 123 ELEC, 125 IT	×		x				PROVIDE LINE VOLTAGE CONTROLS. PROVIDE VACANCY SENSING TO AUTO OFF AFTER 30 MINUTES.
SUPPORT SPACES	127 MED. STORAGE, 126 SECURED, 134 OXYGEN/LINEN, 132 WASH DOWN, 133 WASH AREA, 102B OXYGEN/LINEN, 115 STORAGE, 114 SIM LAB, 116 STORAGE, 120 JAN. RM., STORAGE 118, STORAGE	x	x	x	x			AUTO ON AND OFF WITH OCCUPANCY SENSOR. SET AUTO OFF AFTER 15 MIN. PLUG LOAD CONTROL IS TO TIE IN TO ASSOCIATED EXHAUST FAN.
KITCHEN	KITCHEN 121, KITCHEN 104, 102A CLOSET	×	×	×			×	NO MORE THAN 50% OF THE LIGHTING SHALL BE TURNED ON AUTOMATICALLY. AUTO OFF AFTER 15 MINUTES. LOCAL CONTROL FOR PENDANT AND RECESSED POT LIGHTS.
BREAK ROOM	105 LOUNGE	×	×	x			x	AUTO OFF AFTER 15 MIN, LOCAL CONTROL FOR PENDANTS AND RECESSED POT LIGHTS
_OCKER	129 LOCKER	х	х	х			х	SET AUTO ON AND OFF. SET AUTO OFF AFTER 30 MINS.
	128 GENDER NEUTRAL, 117 GENDER NEUTRAL, 119 UNIV W/R, 130 DECON. SHOWER	×	×	×	x			AUTO DIM TO 50% AFTER 150 SECONDS AND FULL OFF AFTER 5 MIN. PROVIDE AUTOMATIC RECEPTACLE CONTROL. AUTO OFF RECEPTACLES WITHIN 30 MINUTES. PROVIDE VACANCY SENSING TO AUTO OFF AFTER 30 MINUTES IN WASHROOM STALLS. PLUG LOAD CONTROL IS TO TIE IN TO ASSOCIATED EXHAUST FAN.
REPORT WRITING	103 REPORT WRITING	x	x	x	х		х	AUTO OFF AFTER 15 MIN. PROVIDE AUTOMATIC RECEPTACLE CONTROL. AUTO OFF RECEPTACLES WITHIN 30 MINUTES.
BREAKOUT	109 BREAKOUT	х	x	x	х			AUTO OFF AFTER 15 MIN. PROVIDE AUTOMATIC RECEPTACLE CONTROL. AUTO OFF RECEPTACLES WITHIN 30 MINUTES.
	112 CLASSROOM, 113 CLASSROOM	x	x	x	x			AUTO OFF AFTER 15 MIN, LOCAL CONTROL FOR PENDANTS AND RECESSED POT LIGHTS. PROVIDE AUTOMATIC RECEPTACLE CONTROL. AUTO OFF RECEPTACLES WITHIN 30 MINUTES.
OPEN OFFICE	108 OPEN OFFICE	х	х	x	х		x	AUTO OFF AFTER 15 MIN. PROVIDE AUTOMATIC RECEPTACLE CONTROL. AUTO OFF RECEPTACLES WITHIN 30 MINUTES.
/EHICLE BAY	131 VEHICLE BAY	x		x			x	NO MORE THAN 50% OF THE LIGHTING SHALL BE TURNED ON AUTOMATICALLY. AUTO OFF AFTER 15 MINUTES.

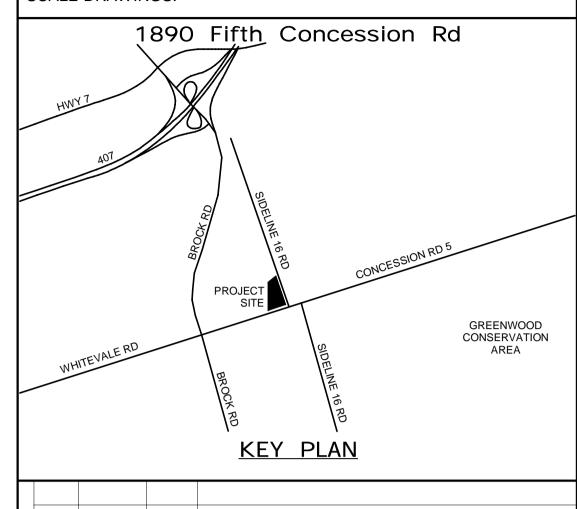
<u>INOTES:</u>
1. LIGHTING CONTROL DEVICES SHOWN ON NEW LIGHTING PLANS ARE DIAGRAMATIC. COORDINATE EXACT QUANITITIES AND LOCATION OF DEVICES AND EQUIPMENT
WITH THE LIGHTING CONTROL SUPPLIER.
2. PROVIDE ROOM CONTROLLERS WITH APPLICABLE FEATURES TO MEET LIGHTING CONTROLS MATRIX REQUIREMENTS AND SPECIFICATIONS SECTION 26 09 24 -

LIGHTING CONTROL DEVICES.
3. PROVIDE ONE (1) LIGHTING ZONE PER ROOM UNLESS INDICATED OTHERWISE ON THE LIGHTING PLANS.
4. PROVIDE EACH OCCUPANCY SENSING ROOM CONTROL SYSTEM WITH AN INTERFACE DEVICE THAT INCLUDES A PAIR DRY CONTACTS FOR BAS INTEGRATION, ONE (1)

PER LIGHTING ZONE.
5. PROVIDE LINE VOLTAGE CONTROLS IN THE SERVICE ROOMS. REST OF THE BUILDING INTERIOR SHALL BE DIGITAL LIGHTING CONTROLS.

ТҮРЕ	IMAGE	MANUFACTURER	MODEL	IN DESCRIPTION	TERIOR LIG		IXTURE LAMP	SCHEDULE MOUNTING	CAT.#	NOTES
ITPE	IIVIAGE	MANUFACTURER	WODEL	DESCRIPTION	WATTS	VULI	LAMP	WOUNTING	CAL#	NOTES
A1		COOPER / METALUX OR APPROVED EQUAL	CRUZE ST 2X2	3401 LUMEN	24.2W	120	LED	RECESSED	22CZ2-32-S-UNV-L840-CD1-U	PROVIDE 3/8" TWIN FLEX, 3 WIRES 18 GAUGE 6' FOR DIMMABLE LUMINARIES
A2		COOPER / METALUX OR APPROVED EQUAL	CRUZE ST 2X4	8094 LUMEN	55.4W	120	LED	GRID RECESSED	22CZ2-75HE-S-UNV-L840-CD1-U	PROVIDE 3/8" TWIN FLEX, 3 WIRES 18 GAUGE 6' FOR DIMMABLE LUMINARIES
А3		COOPER / METALUX OR APPROVED EQUAL	CRUZE ST 2X2	2226 LUMEN	16.2	120	LED	RECESSED	22CZ2-20-S-UNV-L840-CD1-U	PROVIDE 3/8" TWIN FLEX, 3 WIRES 18 GAUGE 6' FOR DIMMABLE LUMINARIES
В		EATON OR APPROVED EQUAL	CHAMP MLL HAZARDOUS	7100 LUMEN	55W	120	LED	SUSPENDED PENDANT	MLL4/UNV1 TF WH PEND HAZ KIT	4' LINEAR WIDE BEAM GLASS LENS
F		COOPER / METALUX OR APPROVED EQUAL	VT3 LED VAPORTITE	6033 LUMEN	51.1W	120	LED	CEILING SURFACE	4VT3-LD5-6-G-UNV-L840-CD1-U	
F1		COOPER / METALUX OR APPROVED EQUAL	VT3 LED VAPORTITE	4116 LUMEN	32.24	120	LED	CEILING SURFACE	4VT3-LD5-4-G-UNV-L840-CD1-U	
F2		COOPER / METALUX OR APPROVED EQUAL	VT3 LED VAPORTITE	3099 LUMEN	23.92	120	LED	CEILING SURFACE	2VT3-LD5-3-G-UNV-L840-CD1-U	
FS		COOPER / METALUX OR APPROVED EQUAL	VT3 LED VAPORTITE	6033 LUMEN	44W	120	LED	SUSPENDED PENDANT	4VT3-LD5-6-G-UNV-L840-CD1-U	
н		COOPER / METALUX OR APPROVED EQUAL	OHB HIGH BAY	11883 LUMEN	67.5W	120	LED	PENDANT	OHB-12HE-MFL-UNV-L840-CD-U	
L		COOPER NEORAY OR APPROVED EQUAL	NEORAY DEFINE 2	2672 LUMEN	26.3W	120	LED	RECESSED	S122DR-S675D840-4F0-1-UDD-F-W	
L1		COOPER NEORAY OR APPROVED EQUAL	NEORAY DEFINE 2	2672 LUMEN	26.3W	120	LED	RECESSED	S122DR-S675D840-X4F0-1-UDD-F-W	CONTINUOUS RUN 9000mm (CUSTOM LENGTH)
L2		COOPER NEORAY OR APPROVED EQUAL	NEORAY DEFINE 2	2672 LUMEN	26.3W	120	LED	RECESSED	S122DR-S675D840-GYP-16F0-1-UDD-F-W	CONTINUOS RUN RECESSED IN DRYWALL CEILING. LENGTH TO SUIT
L3		COOPER NEORAY OR APPROVED EQUAL	NEORAY DEFINE 2	2672 LUMEN	26.3W	120	LED	RECESSED	S122DR-S675D840-GYP-08F0-1-UDD-F-W	CONTINUOS RUN RECESSED IN DRYWALL CEILING. LENGTH TO SUIT
L4A		COOPER NEORAY OR APPROVED EQUAL	NEORAY DEFINE 2	1167 LUMEN	11.6W	120	LED	RECESSED	S122DR-S290D840-ETG-X4F0-1-UDD-F-W	CONTINUOUS PATTERN C/W 90° CORNERS RECESSED IN T-BAR CEILING. LENGTH TO SUIT
L4B		COOPER NEORAY OR APPROVED EQUAL	NEORAY DEFINE 2	1167 LUMEN	11.6W	120	LED	RECESSED	S122DR-S290D840-ETG-16F0-1-UDD-F-W	16'X2" RUN RECESSED IN T-BAR CEILING.
L4C		COOPER NEORAY OR APPROVED EQUAL	NEORAY DEFINE 2	1167 LUMEN	11.6W	120	LED	RECESSED	S122DR-S290D840-ETG-124F0-1-UDD-F-W	12'X2" RUN RECESSED IN T-BAR CEILING.
L5		COOPER NEORAY OR APPROVED EQUAL	NEORAY DEFINE 2	1859 LUMEN	17.2W	121	LED	RECESSED	S122DR-H485D840-X4F0-1-UDD-F-W	
LS		LEDALITE BY SIGNIFY OR APPROVED EQUAL	NEORAY DEFINE 2	2537 LUMEN	20.3	120	LED	SUSPENDED	S122DIP-S290D330U840-4F0-S-UDD-F	
Р		Beta-Calco Inc. OR APPROVED EQUAL	CERCHIO II	4080 LUMEN	48W	120	LED	SUSPENDED	AE1-BH4-BF1-BG1	
Т4		ARON OR APPROVED EQUAL	ACE T-BAR	961 LUMEN	10.1W	120	LED	T-BAR	ACET1-2FA-1000-B1-3500K-80-UNV-DM	
Q	A.	COOPER OR APPROVED EQUAL	HALO COMMERCIAL	2000 LUMEN	20W	120	LED	RECESSED	HC620D010-HM612840-61WDW	
Q1	A.	COOPER OR APPROVED EQUAL	HALO COMMERCIAL	1026 LUMEN	10W	121	LED	RECESSED	HC610D010-HM612840-61WDW	
Q2	1	COOPER OR APPROVED EQUAL	HALO COMMERCIAL	1422 LUMEN	14	120	LED	RECESSED	HC615D010-HM612840-61WDW	
					-				•	

ALL MEASUREMENTS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE AND ANY DISCREPANCIES ARE TO BE REPORTED BEFORE PROCEEDING WITH THE WORK. THE REGION OF DURHAM ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF EXISTING SERVICES AS INDICATED ON THIS DRAWING. DO NOT SCALE DRAWINGS.



NO. DATE. NAME REVISIONS

PRIME CONSULTANT

AECON

www.aecom.com

SUB CONSULTANT

AECOM Canada Ltd.
50 Sportsworld Crossing Road, Suite 290
Kitchener, Ontario, N2P 0A4
519 650 5313 tel 519 650 3424 fax



DESIGN BY: GR SCALE:

DRAWN BY: HD DATE: 11/07/20

CHECKED BY: WA CONSULTANT PROJECT NO. 60611569



THE REGIONAL MUNICIPALITY OF DURHAM

WORKS DEPARTMENT
DESIGN, CONSTRUCTION & ASSET MANAGEMENT

NEW SEATON PARAMEDIC STATION AND TRAINING FACILITY IN PICKERING ELECTRICAL SCHEDULES

			Ω
PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01	ט אאבנ
contract no. T- 1160- 2021	DRAWING NO. E-701	SHEET NO.	a//.U96 I
			2

			SITE LIGHTII	NG FIXTURE	SCHEDU	ILE			
TYPE	IMAGE	MANUFACTURER / MODEL	DESCRIPTION	INPUT WATTS	VOLT	LAMP	MOUNTING	CAT.#	NOTES
B1		BEGA	1363 LUMEN	23 W	120	LED		BEGA 84_063_K3 BOLLARD	
P1		COOPER / GLEON OR APPROVED EQUAL	18848 LUMEN	225 W	120	LED	MOUNTED @ 6000mm (19'9")	GLEON-AF-04-LED-E1- SL4-7030-HSS	6000mm AFG (POLE+BASE)
P1-1		COOPER / GLEON OR APPROVED EQUAL	5475 LUMEN	59 W	120	LED	MOUNTED @ 6000mm (19'9")	GLEON SA1C-730-U- SL4-HSS	6000mm AFG (POLE+BASE)
P2		COOPER / GLEON OR APPROVED EQUAL	19839 LUMEN	225 W	120	LED	MOUNTED @ 6000mm (19'9")	GLEON-AF-04-LED-E1- SL3-7030-HSS	6000mm AFG (POLE+BASE)
P2-2		COOPER / GLEON OR APPROVED EQUAL	19839 LUMEN	225 W	120	LED	MOUNTED BACK-TO-BACK @ 6000mm (19'9")	2-GLEON-AF-04-LED- E1-SL3-7030-HSS	BACK-TO-BACK CONFIGURATION
L4		COOPER/ NEORAY	1167	11.6	120	LED	SUSPENDED @ 3000 mm (9'10")	S122DR-S290D840-4F0- UDD-F-W	-SUSPENDED FLUSH WITH CEILING
W3		BEGA WALL LUMINAIRE	2187 LUMEN	21 W	120	LED	WALL MOUNTED @ 3300mm (10'9")	BEGA 22_383_K3	

Supply Mo	ocation: CORR y From: TX-2H ounting: RECE closure: TYPE	A SSED	102		Volts: 120/208 Wye Phases: 3 Wires: 4 Lugs: MLO										Mains	. Rating: 10kAIC s Rating: 400 A s Rating: N/A	
Description	Wire	BRK .LC K.		Poles	CC T		4		В		С	CC T	Poles	Breake r	BRK .LC K.	Wire	Description
WASH AREA RECEP			15 A	1	1	180 VA	380 VA					2	1	15 A			BAY AREA RECEP
WASHROOM RECEP			15 A	1	3			180 VA	360 VA			4	1	15 A			BAY AREA RECEP
OVERHEAD DOOR			15 A	3	5					200 VA	540 VA	6	1	15 A			BAY/STORAGE AREA RECEP
					7	200 VA	360 VA					8	1	15 A			BAY AREA RECEP
					9			200 VA	180 VA			10	1	15 A			WASHROOM RECEP
WASHROOM RECEP			15 A	1	11					600 VA	200 VA	12	1	15 A			WASHROOM RECEP
BAY STORAGE RECEP			15 A	1	13	400 VA	400 VA					14	1	15 A			FRIDGE
KITCHEN RECEP			15 A	1	15			600 VA	1200			16	1	15 A			DISHWASHER
STOVE			15 A	1	17					200 VA	1100	18	1	15 A			KITCHEN RECEP
MICROWAVE			15 A	1	19	1100	600 VA					20	1	15 A			LOUNGE AREA RECEP
REPORT RM FURN. RECEP			15 A	1	21			200 VA	200 VA			22	1	15 A			REPORT RM FURN. RECEP
REPORT RM FURN. RECEP			15 A	1	23					200 VA	400 VA	24	1	15 A			REPORT RM RECEP
REPORT RM FURN. RECEP			15 A	1	25	200 VA	400 VA					26	1	15 A			LOUNGE AREA RECEP
REPORT RM FURN. RECEP			15 A	1	27			200 VA	300 VA			28	1	15 A			PDO EXT
REPORT RM FURN. RECEP			15 A	1	29					200 VA	300 VA	30	1	15 A			PDO VESTIBULE RM 101
REPORT RM FURN. RECEP			15 A	1	31	200 VA	200 VA					32	3	15 A			OVERHEAD DOOR
REPORT RM FURN. RECEP			15 A	1	33			200 VA	200 VA			34					
OVERHEAD DOOR			15 A	3	35					200 VA	200 VA	36					
					37	200 VA	1440					38	1	15 A			VEHICLE BAY POWER DROP
					39			200 VA	1440			40	1	15 A			VEHICLE BAY POWER DROP
VEHICLE BAY POWER DROP			15 A	1	41					1440	1440	42	1	15 A			VEHICLE BAY POWER DROP
VEHICLE BAY POWER DROP			15 A	1	43	1440	1440					44	1	15 A			VEHICLE BAY POWER DROP
OVERHEAD DOOR			15 A	3	45			200 VA	200 VA			46	3	15 A			OVERHEAD DOOR
					47						200 VA						
					-	200 VA	200 VA					50					
OVERHEAD DOOR			15 A	3	51				200 VA			52	1	15 A			MECH RM RECEP
					53						200 VA		1	15 A			MOH RECEP
					55	200 VA	200 VA					56	1	15 A			IT RM RECEP
IT RM RECEP			15 A	1	57			200 VA	200 VA			58	1	15 A			IT RM RECEP
IT RM RECEP			15 A	1	59						200 VA		1	15 A			IT RM RECEP
ELEC RM RECEPT			15 A	1	61	400 VA	800 VA					62	1	15 A			BAS PANEL
SPARE			20 A	1	63			0 VA	0 VA			64	1	20 A			SPARE
SPARE			20 A	1	65					0 VA	800 VA		1	15 A			BAS PANEL
SPARE			15 A	1	67	0 VA	200 VA					68	1	15 A			RECEPT
SPARE			15 A	1	69			0 VA	600 VA			70	1	15 A			RECEPT
SPARE			15 A	1	71						180 VA		1	15 A			COURTYARD RECEPT
HYDRO METERING CAB			15 A	1	73	1000	1400			JVA	130 VA	74	1	15 A			WIREWAY
WIREWAY			15 A	1	75	. 500		1400	8000			76	2	100 A		2#3AWG+GND	GENERATOR AUX POWER
ROOFTOP RECEPTACLE			20 A	1	77				2300	180 VA	8000	78					
ROOFTOP RECEPTACLE			20 A	1	79	180 VA				100 17	0000	80					
			207	'	81	130 174						82					
					83							84					
	<u> </u>		Tota	l Load:		1392	PO VA	1686	0 VA	1759	B0 VA	J-7				1	
			Total	Amps:		110	6 A	14	4 A	15	0 A		E		d Der	cted Load: mand Load:	48360 VA 48360 VA

Volts: 120/208 Wye

A.I.C. Rating: 10kAIC

Total Connected Current

134 A

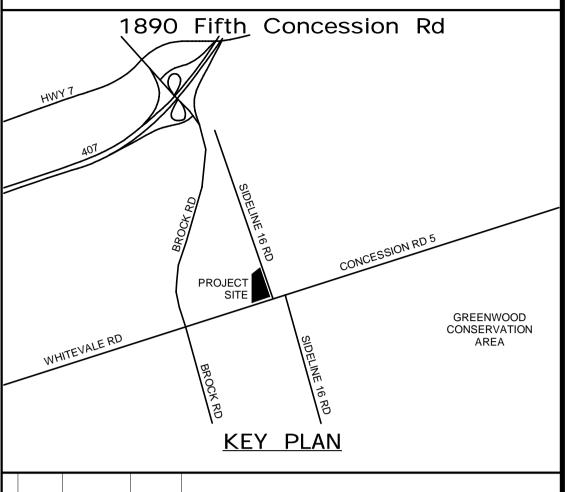
Panel ID: PP2HA

Location: CORRIDOR 102

L Supp M En			F	Volts: 120/208 Wye Phases: 3 Wires: 4 Lugs: MCB							A.I.C. Rating: 10k Mains Rating: 100 A MCB Rating: 100A						
Description	Wire	BRK .LC K.	Breake r	Poles	CC		A	E	3		С	CC T	Poles	Breake r	BRK .LC K.	Wire	Description
LIGHTING RM 131			15 A	1	1	405 VA	82 VA					2	1	15 A			LIGHTING EXTERIOR EXT
LIGHTING RM 131			15 A	1	3			405 VA	164 VA			4	1	15 A			LIGHTING VESTIBULE 122
LIGHTING RM 132, 133			15 A	1	5					204 VA	287 VA	6	1	15 A			LIGHTING CORRIDOR 102
LIGHTING RM 102			15 A	1	7	97 VA	73 VA					8	1	15 A			LIGHTING CORRIDOR 102a
LIGHTING RM 124			15 A	1	9			307 VA	150 VA			10	1	15 A			LIGHTING RM 129
LIGHTING RM 123			15 A	1	11					153 VA	82 VA	12	1	15 A			LIGHTING VESTIBULE 101
LIGHTING RM 127, 126, 125			15 A	1	13	320 VA	82 VA					14	1	15 A			LIGHTING EXTERIOR EXT
LIGHTING EM 102B, 134			15 A	1	15			158 VA	12 VA			16	1	15 A	ON		EMERG/EXIT RM - 133, 135
LIGHTING RM 128			15 A	1	17					374 VA	7 VA	18	1	15 A	ON		EMERG/EXIT VEHICLE BAY
LIGHTING RM 128, 130			15 A	1	19	305 VA	11 VA					20	1	15 A	ON		EMERG/EXIT RM - 123,124, 125
EMERG/EXIT RM - 102, 122		ON	15 A	1	21			17 VA	10 VA			22	1	15 A	ON		EMERG/EXIT RM - 127, 128
EMERG/EXIT RM - 101, 102a,		ON	15 A	1	23					8 VA	16 VA	24	1	15 A	ON		EMERG/EXIT RM 123,124
SITE LIGHTING	2#6AWG+GND		15 A	1	25	960 VA	675 VA					26	1	15 A		2#10AWG+GND	SITE LIGHTING
SITE LIGHTING			15 A	1	27			275 VA	250 VA			28	1	15 A			EXTERIOR SIGNAGE
EXTERIOR SIGNAGE	2#10AWG+GND		15 A	1	29					250 VA	400 VA	30	1	15 A			EXTERIOR WALL MT LTG
SPARE			15 A	1	31	0 VA	400 VA					32	1	20 A			EXTERIOR SIGNAGE
SPARE			15 A	1	33			0 VA	1837			34	3	100 A		4#3+GND IN	PP2LB
SPARE			15 A	1	35					0 VA	2809	36					
SPARE			20 A	1	37	0 VA	2396					38					
SPARE			20 A	1	39			0 VA				40					
SPARE			20 A	1	41					0 VA		42					
			Total I	Load: Amps:		5799 50		3558 30			3 VA D A					eted Load:	13937 VA
																nand Load:	13937 VA
														Total Co	nnect	ed Current	39 A

Su		Volts: 120/208 Wye Phases: 3 Wires: 4 Lugs: MCB								A.I.C. Rating: 10kAIC Mains Rating: 400 A MCB Rating: 400A								
Description	Wire	BRK .LC K.	Breake r	Poles	CC		4		В		C	CC T	Poles	Breake	BRK .LC K.	Wire	Description	
EV CHARGER	2#8 AWG IN		40 A	2	1	3500	3500					2	2	40 A		2#8 AWG IN	EV CHARGER	
					3			3500	3500			4						
SPARE			40 A	2	5					0 VA	0 VA	6	2	40 A			SPARE	
					7	0 VA	0 VA					8						
SPARE			40 A	2	9			0 VA	0 VA			10	2	40 A			SPARE	
					11					0 VA	0 VA	12						
SPARE			40 A	2	13	0 VA	0 VA					14	2	40 A			SPARE	
					15			0 VA	0 VA			16						
SPARE			40 A	2	17					0 VA	0 VA	18	2	40 A			SPARE	
					19	0 VA	0 VA					20						
					21							22						
					23							24						
					25							26 28						
					27 29							30						
					31							32						
					33							34						
					35							36						\dashv
					37							38						
					39							40						
					41							42						\dashv
			Total	Load:		700	O VA	700	0 VA	0	VA		<u> </u>		I			
				Amps:			A		7 A		Α]				cted Load: mand Load:	14000 VA 14000 VA	

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NO. DATE. NAME REVISIONS

PRIME CONSULTANT

www.aecom.com

SUB CONSULTANT

AECOM Canada Ltd.
50 Sportsworld Crossing Road, Suite 290
Kitchener, Ontario, N2P 0A4
519 650 5313 tel 519 650 3424 fax



SCALE: ESIGN BY: GR DATE: 04/12/21 RAWN BY: HD CHECKED BY: WA CONSULTANT PROJECT NO. 60611569

PPROVED BY: WA CLIENT FILE No.: 811/20 1 09/22/21 ISSUED FOR TENDER NO DATE NAME REVISIONS



THE REGIONAL MUNICIPALITY OF DURHAM

WORKS DEPARTMENT DESIGN, CONSTRUCTION & ASSET MANAGEMENT

NEW SEATON PARAMEDIC STATION AND TRAINING FACILITY IN PICKERING ELECTRICAL SCHEDULES

PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01
CONTRACT NO.	DRAWING NO.	SHEET NO.
T- 1160- 2021	E- 702	

Loc	ID: PP2 cation: CLOSE From: PP2LA						ı	Volts: Phases:	120/208	3 Wye						. Rating: 10kAIC s Rating: 100 A	
	Mounting: SURFACE								4						MCE	Rating: N/A	
Encl	osure: TYPE 1							Lugs:	MLO								
Description	Wire	BRK .LC K.	Breake r	Poles	CC T		\		3		C	CC	Poles	Breake r	BRK .LC K.	Wire	Description
LIGHTING RM 103			15 A	1	1	145 VA	210 VA					2	1	15 A			LIGHTING RM 117
LIGHTING RM 104, 105			15 A	1	3			352 VA	60 VA			4	1	15 A			LIGHTING RM 122
LIGHTING RM 108			15 A	1	5					312 VA	574 VA	6	1	15 A			LIGHTING RM 113
LIGHTING RM 109, 110, 111			15 A	1	7	190 VA	40 VA					8	1	15 A			LIGHTING CLOSET 107A
LIGHTING RM 112			15 A	1	9			396 VA	574 VA			10	1	15 A			LIGHTING RM, 112
LIGHTING RM 113			15 A	1	11					406 VA		12					
LIGHTING RM 107			15 A	1	13	266 VA	20 VA					14	1	15 A			LIGHTING CLOSET 102A
LIGHTING RM 115, 114			15 A	1	15			290 VA	246 VA			16	1	15 A			LIGHTING RM 104
LIGHTING RM 116, 107, 121,			15 A	1	17					315 VA	328 VA	18	1	15 A			LIGHTING RM 105
LIGHTING RM 117, 120			15 A	1	19	287 VA	12 VA					20	1	15 A	ON		EMERG/EXIT RM - 114, 113
EMERG/EXIT RM - 117, 119,		ON	15 A	1	21			9 VA	15 VA			22	1	15 A	ON		EMERG/EXIT CORRIDOR 107
EMERG/EXIT RM - 112		ON	15 A	1	23					7 VA	10 VA	24	1	15 A	ON		EMERG/EXIT OPEN OFFICE
EMERG/EXIT RM - 103, 104		ON	15 A	1	25	9 VA	508 VA					26	1	15 A			PH 2 - LIGHTING RM 203
PH 2 - LIGHTING RM 205, 206			15 A	1	27			145 VA	244 VA			28	1	15 A			PH 2 - LIGHTING RM, 201, 207
PH 2 - LIGHTING RM 204			15 A	1	29					284 VA	162 VA	30	1	15 A			PH 2 - LIGHTING
PH 2 - LIGHTING RM 204			15 A	1	31	164 VA	6 VA					32	1	15 A	ON		PH 2 - EMERG/EXIT RM 202,
PH 2 - EMERG/EXIT 201		ON	15 A	1	33			4 VA	484 VA			34	1	15 A			PH 2 -LIGHTING RM 202
SPARE			20 A	1	35					0 VA	2 VA	36	1	15 A	ON		PH 2 - EMERG RM 204
SPARE			20 A	1	37	0 VA	0 VA					38	1	20 A			SPARE
SPARE			15 A	1	39			0 VA	0 VA			40	1	15 A			SPARE
SPARE			15 A	1	41					0 VA		42					
				Load:		1837			9 VA		6 VA						
			Total	Amps:		15	Α	24	A	21	Α						
																ted Load:	7041 VA
																mand Load:	7041 VA
									,					i otai Co	nnect	ted Current	20 A

Location: ELEC 123 Supply From: TX-2MA Mounting: SURFACE

Volts: 120/208 Wye Phases: 3 Wires: 4

A.I.C. Rating: 10kAIC Mains Rating: 400 A MCB Rating: N/A

55692 VA

157 A

Estimated Demand Load: **Total Connected Current**

			Breake		сc							сc		Breake			
Description	Wire	K.		Poles		-			3		;		Poles		K.	Wire	Description
DF-1			15 A	3		693 VA	693 VA					2	3	15 A			DF-2
					3			693 VA				4					
					5					693 VA	693 VA						
RV-1 ENERGY RECOVERY			15 A	3		287 VA	0 VA					8	1	15 A			ERV-1 Lighting
					9			287 VA				10	2	30 A		2#10 IN 27mmC	CU-1
					11					287 VA	2000	12					
DOAS-1 LIGHTING			15 A	1	13	100 VA	0 VA					14	3	15 A			DOAS-1 ENERGY RECOVERY.
UH-1			15 A	1	15			200 VA	0 VA			16					
EF-1			15 A	1	17					300 VA	0 VA	18					
TSP			15 A	1	19	100 VA	250 VA					20	1	15 A			FC-6
EF-8			15 A	1	21			55 VA	100 VA			22	1	15 A			TSP
FC-5			15 A	1	23					980 VA	600 VA	24	1	15 A			CT - 1 AND 2
CT - 3 AND 4			15 A	1	25	600 VA	300 VA					26	1	15 A			G-1
WS-1 AND WS-2			15 A	1	27			600 VA	0 VA			28	1	20 A			EF-2
					29						220 VA	30	1	15 A			FF-2
					31							32					
					33				0 VA			34	1	15 A			SPARE
					35						80 VA	36	1	15 A			EF-4
EF-5			15 A	1	37	55 VA						38					
					39							40					
IT Servers			20 A	2	41					0 VA	6000	42	3	60 A		3#4 IN 35mmC	EWH-2
					43	0 VA	6000					44					
VAV		X	15 A	1	45		-	200 VA	6000			46					
				•	47				-		6000	48	3	60 A		3#4 IN 35mmC	EWH-1
					49		6000				0000	50					
					51		0000		6000			52					
					53				0000		200 VA		1	15 A			HVAC
					55						200 V/	56		1071			111/10
					57				100 VA			58	1	15 A			DOMESTIC HOT WATER PUM
					59				100 VA			60	'	13 /			DOMESTIC TIOT WATER TOWN
					61							62					
VAV		X	15 A	1	63			200 VA				64					
VAV		^	13 A	I	65			200 VA				66					
					67							68					
P-9			15 A	1	69			300 VA	1322			70	3	15 A			DOAS-1 SUPPLY FAN
DOAS-1 EXHAUST FAN			15 A	3	71			300 VA		667 VA	1222	70					
						667 VA	1222			007 VA	1333	74					
						007 VA	1333	667.1/4	0.1/4					 20 A			 CDADE
					75 77			667 VA	UVA	0.1/4	0.1/4	76	1	20 A			SPARE
SPARE			20 A	1	77	0.1/4				0 VA	0 VA	78	1	20 A			SPARE
SPARE			15 A	1	79	0 VA		0.141				80					
SPARE			15 A	1	81			0 VA		0.1/1		82					
SPARE			15 A	1	83		0.1		0.1	0 VA	0.1/2	84					
			Total	Load:		1707	8 VA	1942	8 VA	2005	3 VA						

Panel ID: PP2HB

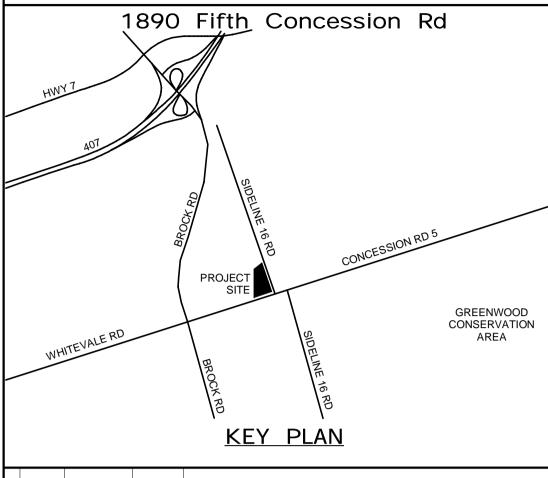
Location: CLOSET 107A Supply From: TX2-HB Mounting: SURFACE Enclosure: TYPE 1

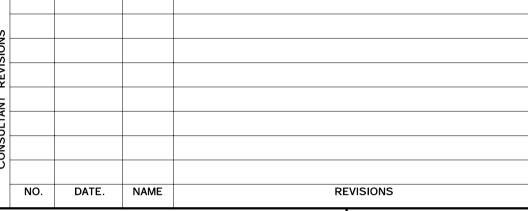
Volts: 120/208 Wye Phases: 3 Wires: 4 Lugs: MLO

A.I.C. Rating: 10kAIC Mains Rating: 225 A MCB Rating: N/A

Description	Wire	BRK .LC K.	Breake	Poles	CC T	A	В	С	CC		Breake r	BRK .LC K.	Wire	Description
KITCHEN RECEP			15 A	1	1	200 VA 180 VA			2		15 A			KITCHEN RECEP
STOVE			15 A	1	3		1400 200 VA		4	1	15 A			KITCHEN RECEP
MICROWAVE			15 A	1	5			1100 1100	. 6	1	15 A			MICROWAVE
MICROWAVE			15 A	1	7	1100 1100			8	1	15 A			MICROWAVE
KITCHEN RECEP			15 A	1	9		200 VA 400 VA		10		15 A			KITCHEN RECEP
KITCHEN RECEP			15 A	1	11			400 VA 180 V			15 A			WASHROOM RECEP
WASHROOM RECEP			15 A	1	13	180 VA 180 VA			14		15 A			WASHROOM RECEP
WASHROOM RECEP			15 A	1	15		200 VA 800 VA		16		15 A			CORRIDOR RECEP
STORAGE RECEP			15 A	1	17			800 VA 200 V			15 A			CLASSROOM FLOOR RECEP
PRINTER			15 A	1		200 VA 200 VA			20		15 A			CLASSROOM FLOOR RECEP
PRINTER			15 A	1	21		200 VA 200 VA		22		15 A			CLASSROOM FLOOR RECEP
OPEN OFFICE RECEP			15 A	1	23			400 VA 800 V			15 A			CLASSROOM TV RECEP
OPEN OFFICE DESK RECEP			15 A	1	25	200 VA 900 VA		.55 77 500 77	26		20 A			BREAKOUT RECEP
CLASSROOM RECEP			15 A	1	27	200 VA 300 VA	360 VA 800 VA		28		15 A			CLASSROOM TV RECEP
OPEN OFFICE RECEP			15 A	1	29			200 VA 200 V			15 A			OPEN OFFICE FURN.
CLASSROOM FLOOR RECEP			15 A	1	31	200 VA 200 VA		200 VA 200 V	32		15 A			OPEN OFFICE FURN. OPEN OFFICE FURN.
CLASSROOM FLOOR RECEP			15 A	-	33	200 VA 200 VA	200 VA 200 VA		34		15 A	+		OPEN OFFICE FURN. OPEN OFFICE FURN.
CLASSROOM FLOOR RECEP			15 A	1	35			200 VA 200 V			15 A			OPEN OFFICE FURN. OPEN OFFICE FURN.
				1		200) (A 4000		200 VA 200 VA	_					
PDO UNI. W/R			15 A	1	37	300 VA 1200	0.144		38		15 A			DISHWASHER
SPARE			20 A	1	39		0 VA 0 VA	22214	40		20 A			SPARE
EMERG OP. CENT. RECEP			15 A	1	41			200 VA 200 V	_		15 A			EMERG OP. CENT. FURN.
EMERG OP. CENT. FURN.			15 A	1		200 VA 200 VA			44		15 A			EMERG OP. CENT. FURN.
MERG OP. CENT. TV RECEP			15 A	1	45		400 VA 400 VA		46		15 A			EMERG OP. CENT. TV RECEP
EMERG OP. CENT. FURN.			15 A	1	47			300 VA 200 V	_		15 A			EMERG OP. CENT. FURN.
EMERG OP. CENT. FURN.			15 A	1		200 VA 200 VA			50		15 A			EMERG OP. CENT. FURN.
MERG OP. CENT. TV RECEP			15 A	1	51		400 VA 600 VA		52		15 A			EMERG OP. CENT. TV RECEP
BREAKOUT FURN.			15 A	1	53			100 VA 800 V	54	1	15 A			BREAKOUT RECEP
OFFICE RECEP			15 A	1	55	800 VA 400 VA			56	3 1	15 A			OPEN OFFICE RECEP
OPEN OFFICE FURN.			15 A	1	57		200 VA 200 VA		58	3 1	15 A			OPEN OFFICE FURN.
OPEN OFFICE FURN.			15 A	1	59			200 VA 200 V	4 60	1	15 A			OPEN OFFICE FURN.
OPEN OFFICE FURN.			15 A	1	61	200 VA 200 VA			62	2 1	15 A			OPEN OFFICE FURN.
OPEN OFFICE FURN.			15 A	1	63		200 VA 200 VA		64	1	15 A			OPEN OFFICE FURN.
OPEN OFFICE FURN.			15 A	1	65			200 VA 0 VA	66	3 1	20 A			SPARE
OPEN OFFICE FURN.			15 A	1	67	200 VA 0 VA			68	3 1	15 A			SPARE
OPEN OFFICE FURN.			15 A	1	69		200 VA 0 VA		70) 1	15 A			SPARE
OPEN OFFICE FURN.			15 A	1	71			200 VA 0 VA	72	2 1	15 A			SPARE
FACP		ON	15 A	1	73	1200 200 VA			74	1	15 A			RECEPT
					75				76	3				
					77				78					
					79				80					
					81				82					
					83				84					
I			Total	Load:		10340 VA	7960 VA	8380 VA	+ 3-1	-	1			
			Total A			87 A	66 A	70 A			Estimate	d Dem	ed Load: and Load: ed Current	26680 VA 26680 VA 74 A

ALL MEASUREMENTS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE AND ANY DISCREPANCIES ARE TO BE REPORTED BEFORE PROCEEDING WITH THE WORK. THE REGION OF DURHAM ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF EXISTING SERVICES AS INDICATED ON THIS DRAWING. DO NOT SCALE DRAWINGS.





PRIME CONSULTANT

SUB CONSULTANT

AECOM Canada Ltd.
50 Sportsworld Crossing Road, Suite 290
Kitchener, Ontario, N2P 0A4
519 650 5313 tel 519 650 3424 fax www.aecom.com



DESIGN BY: GR SCALE: DATE: 04/13/21 DRAWN BY: HD CHECKED BY: WA CONSULTANT PROJECT NO. 60611569

APPROVED BY: WA CLIENT FILE No.: 811/20 ISSUED FOR TENDER 1 09/22/21 NO DATE NAME



WORKS DEPARTMENT DESIGN, CONSTRUCTION & ASSET MANAGEMENT

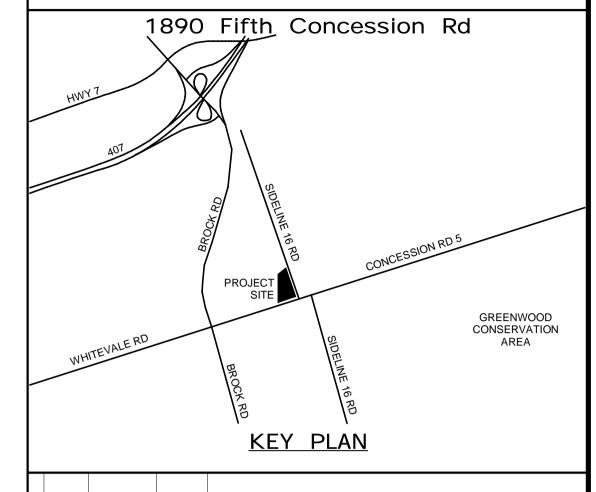
NEW SEATON PARAMEDIC STATION AND TRAINING FACILITY IN PICKERING ELECTRICAL PHASE 1 & 2 SCHEDULES

PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01
CONTRACT NO. T- 1160- 2021	DRAWING NO. E-703	SHEET NO.

THE REGIONAL MUNICIPALITY OF DURHAM

Panel ID: PP2MB Location: CLOSET 107A A.I.C. Rating: 10kAIC Volts: 120/208 Wye Mains Rating: 400 A Supply From: TX-2MB Phases: 3 **Mounting: SURFACE** MCB Rating: N/A Wires: 4 Enclosure: TYPE 1 Lugs: MLO Breake .LC Description FC-10 15 A 1 1 670 VA 220 VA 2 1 15 A EF-7 4 1 15 A 15 A | 1 | 3 | 55 VA 220 VA EF-6 55 VA 220 VA 6 1 15 A FC-12 15 A 1 7 980 VA 670 VA 8 1 15 A 10 1 15 A X VAV X 15 A 1 9 200 VA 200 VA FC-7 15 A 1 11 980 VA 200 VA 12 1 15 A X EF-3 15 A | 1 | 13 | 0 VA | 200 VA 14 1 15 A VAV X 15 A 1 15 200 VA 200 VA 16 1 15 A FC-9 15 A 1 17 330 VA 980 VA 18 1 15 A 20 1 15 A FC-1 15 A | 1 | 19 | 300 VA | 980 VA | 22 1 15 A FC-13 15 A 1 21 700 VA 870 VA FF-1 220 VA 100 VA 24 1 15 A 15 A | 1 | 23 | KH-1 26 1 15 A 15 A | 1 | 25 | 300 VA | 300 VA FC-19 15 A 1 27 300 VA 1200... 28 1 15 A SPARE 20 A 1 29 0 VA | 220 VA | 30 | 1 | 15 A SPARE 20 A | 1 | 31 | 0 VA | 1100... SPARE 34 1 15 A X 20 A 1 33 0 VA | 200 VA SPARE 15 A 1 35 0 VA | 200 VA | 36 | 1 | 15 A | X SPARE 15 A | 1 | 37 | 0 VA | 980 VA 38 1 15 A SPARE 15 A | 1 | 39 | 0 VA | 980 VA | 40 1 15 A VAV 200 VA 200 VA 42 1 15 A X X 15 A 1 41 FC-18 15 A 1 43 980 VA 980 VA 44 1 15 A SM-1 3#1 IN 41mmC 110 A 3 45 1100... 9000... 46 3 100 A 3#2 IN 41mmC | 1100... | 9000... | 48 | --50 ---- 49 1100... 9000... FC-20 15 A 1 51 52 960 VA 53 54 55 57 59 61 62 63 64 65 66 67 68 72 **Total Load:** 28660 VA 26285 VA 23905 VA 242 A 222 A Total Amps: **Total Connected Load: Estimated Demand Load: Total Connected Current**

ALL MEASUREMENTS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE AND ANY DISCREPANCIES ARE TO BE REPORTED BEFORE PROCEEDING WITH THE WORK. THE REGION OF DURHAM ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF EXISTING SERVICES AS INDICATED ON THIS DRAWING. DO NOT SCALE DRAWINGS.



NO. DATE. NAME REVISIONS

PRIME CONSULTANT

AECON

SUB CONSULTANT

APPROVED BY: WA

Description

FF-4

FF-3

FF-5

FC-11

VAV

VAV

HVAC

HVAC

FC-8

FC-4

FC-2 & FC-3

TSP

KH-2

FS/D

FF-6

FC-17

VAV

VAV

FC-16

FC-15

VAV

FC-14

SM-2

78850 VA

75080 VA

219 A

AECOM Canada Ltd.
50 Sportsworld Crossing Road, Suite 290
Kitchener, Ontario, N2P 0A4
519 650 5313 tel 519 650 3424 fax
www.aecom.com



DESIGN BY: GR SCALE:

DRAWN BY: HD DATE: 06/09/21

CHECKED BY: WA CONSULTANT PROJECT NO. 60611569

1 09/22/21 ISSUED FOR TENDER

NO DATE NAME REVISIONS



THE REGIONAL MUNICIPALITY
OF DURHAM

CLIENT FILE No.: 811/20

WORKS DEPARTMENT
DESIGN, CONSTRUCTION & ASSET MANAGEMENT

NEW SEATON PARAMEDIC STATION AND TRAINING FACILITY IN PICKERING ELECTRICAL PHASE 1 & 2 SCHEDULES

PROPERTY NO.	FACILITIES CODE	FACILITIES PROJECT NO. P061-18-01			
CONTRACT NO.	DRAWING NO.	SHEET NO.			
T- 1160- 2021	E- 704				