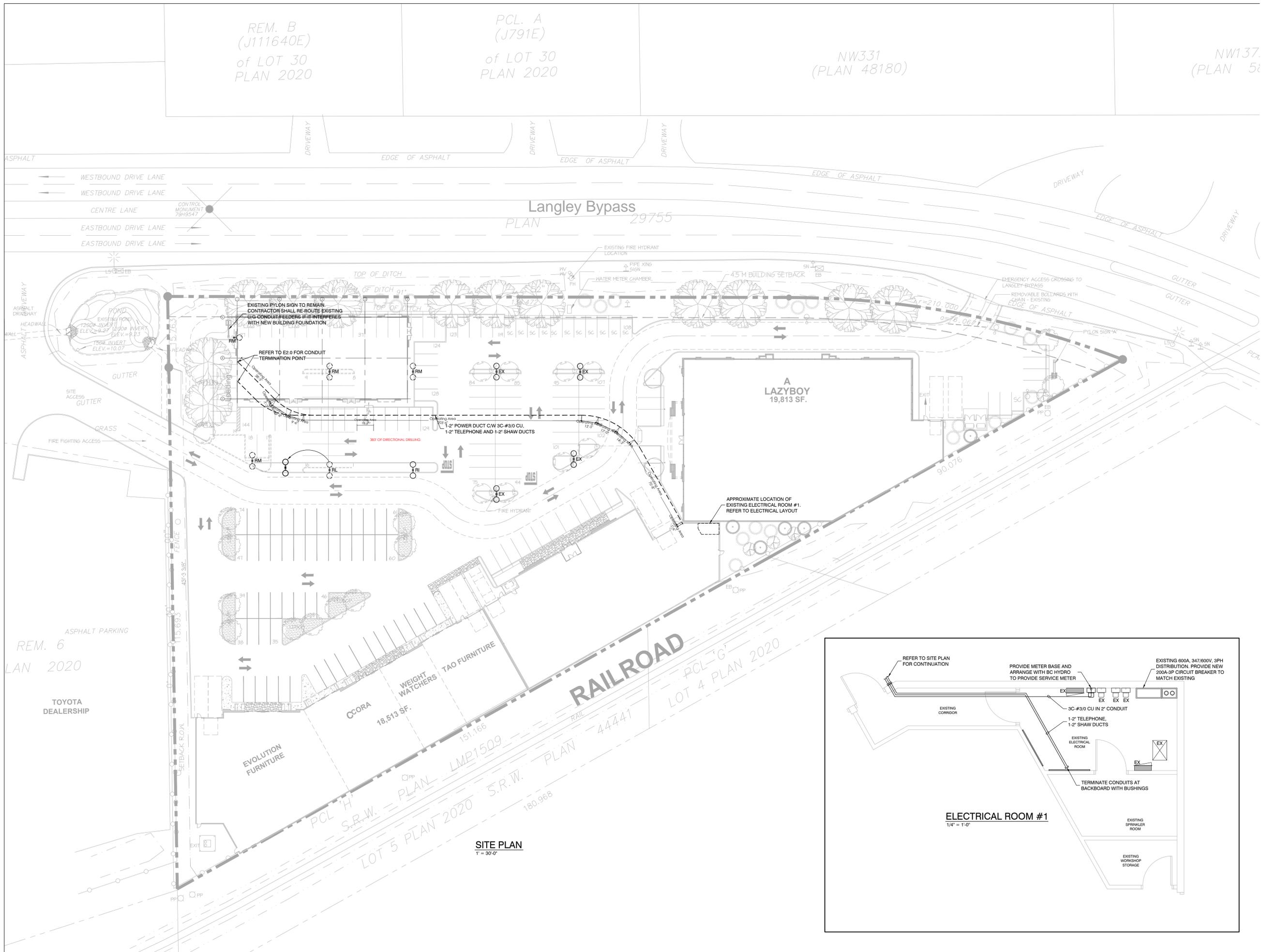


REM. B
(J111640E)
of LOT 30
PLAN 2020

PCL. A
(J791E)
of LOT 30
PLAN 2020

NW331
(PLAN 48180)

NW137.
(PLAN 5)



REV	DATE	DESCRIPTION
02	03/20/17	ISSUED FOR BUILDING PERMIT
01	03/17/17	ISSUED FOR REVIEW

CONSULTANT

EDG Corp.
Electrical Consultants
200 - 2764 Barnet Highway, Coquitlam, BC V3B 1B9
www.EDGCorp.ca
Phone: 604-474-4080
EDG@EDGCorp.ca

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ARCHITECT

LOVICK SCOTT ARCHITECTS
3707 1st AVENUE
BURNABY, BRITISH COLUMBIA
V5C 3V6 E-MAIL: pjlovick@pjlovick.com
tel: 604-298-3700 fax: 604-298-6081

Member of the AIBC Member of the SAA
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DRAWN BY: [Signature] APPROVED: DH

PROJECT: Langley Bypass Commercial

206 TO LANGLEY BYPASS
LANGLEY, BC

DRAWING: SITE PLAN

PROJECT NUMBER: I3428 DRAWING NUMBER: E1.0

SCALE: AS NOTED

DATE: MAR 2017 REVISION: -

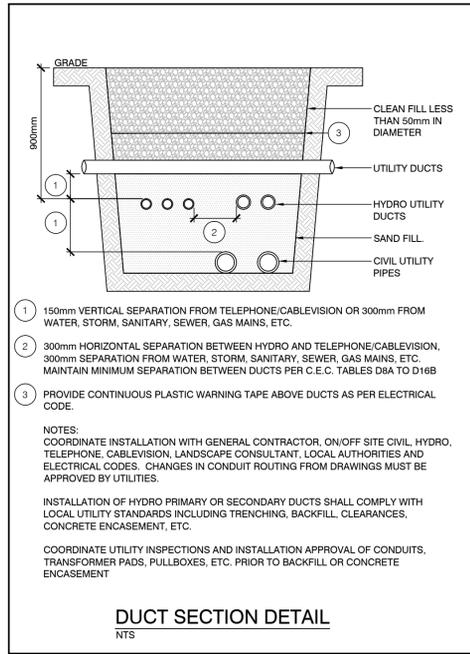
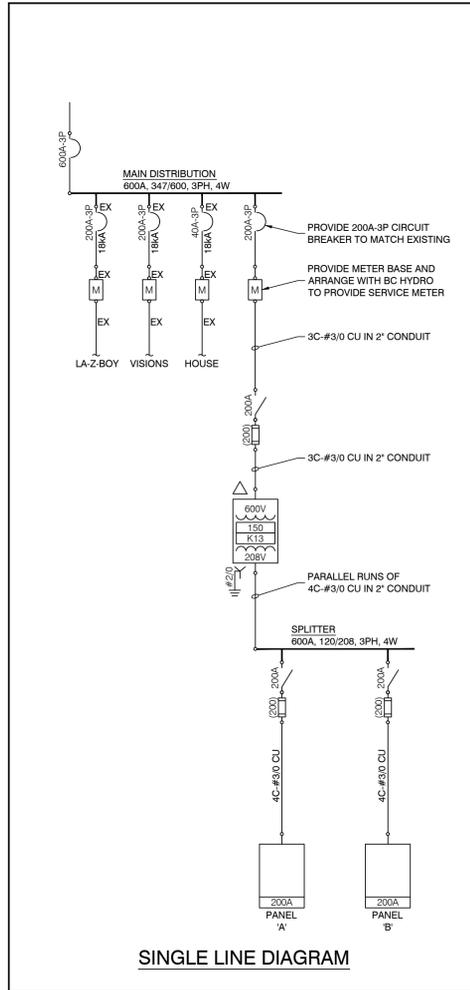
Langley Bypass 13-94

RENO SCHEDULE	
EX	EXISTING TO REMAIN
RN	EXISTING TO BE REPLACED WITH NEW
RM	EXISTING TO BE REMOVED
RL	EXISTING TO BE RELOCATED AS SHOWN
RI	EXISTING TO BE REMOVED AND REINSTALLED ONCE OTHER WORK IS COMPLETE
LL	BY LANDLORD FORCES

LOAD DETAILS:	
A) PROJECT DATA	= 696.77 SOM
AREA	= GAS
HEATING	= 23235 WATTS
A/C COOLING	
B) LOAD CALCULATIONS	
BASIC LOAD,	
696.77 SOM X 30 W/SQM	= 20903 WATTS
REFRIGERATION	= 45000 WATTS
ELECTRIC HEAT	= 10000 WATTS
EQUIPMENT LOAD	= 15000 WATTS
TOTAL	= 113235 WATTS
AT 208V, 3PH	= 314.54 AMPS
AT 600V, 3PH	= 109.98 AMPS
C) SERVICE	
108.98 AMPS AT 125%	= 136.2 AMPS

200A, 347/600V, 3PH, 4W FROM MAIN DIST. IN EXISTING ELECTRICAL ROOM #1

SYMBOL SCHEDULE			
	CEILING LUMINAIRE (RECESSE OR SURFACE)		THERMOSTAT
	WALL MOUNT LUMINAIRE		HUMIDISTAT
	RUCK LIGHT		MAG STARTER
	LINEAR LUMINAIRE STRIP		MOTOR AND MANUAL STARTER
	1' x 4' LUMINAIRE		MOTOR
	2' x 2' LUMINAIRE		MOTOR WITH DISCONNECT
	2' x 4' LUMINAIRE		HOA MAGNETIC STARTER
	2' x 4' INDIRECT LUMINAIRE		NON-FUSED DISCONNECT
	SINGLE POLE LIGHT SWITCH		FUSIBLE DISCONNECT
	THREE WAY LIGHT SWITCH		DUCT HEATER
	FOUR WAY LIGHT SWITCH		MECHANICAL EQUIPMENT TAG
	SINGLE POLE SWITCH WITH PILOT LIGHT		SPLIT MECHANICAL EQUIPMENT TAG
	LINE VOLTAGE OCCUPANCY SWITCH		BASEBOARD HEATER
	SWITCHING STATION		ELECTRIC KICK-SPACE HEATER
	CEILING OCCUPANCY SENSOR		ELECTRIC FORCE FLOW HEATER
	PHOTOCELL		HAND DRYER
	TIMECLOCK		120V DIRECT CONNECTION
	LIGHTING CONTACTOR		208V 1PH DIRECT CONNECTION
	SINGLE SIDED EXIT SIGN		208V 3 PH DIRECT CONNECTION
	DOUBLE SIDED EXIT SIGN (ARROWS) DENOTES DIRECTION		COMPUTER OUTLET
	DOUBLE SIDED EXIT SIGN (ARROW) DENOTES DIRECTION		COMMUNICATION OUTLET (DATA/VOICE)
	EMERGENCY BATTERY PACK		CABLEVISION OUTLET
	WALL MOUNT DOUBLE REMOTE EM HEAD		TELEPHONE OUTLET
	CEILING MOUNT DOUBLE REMOTE EM HEAD		COMPUTER OUTLET
	DOUBLE RECEPTACLE		SMOKE DETECTOR
	TAMPER PROOF DUPLEX RECEPTACLE		FIXED HEAT DETECTOR
	DUPLEX IG RECEPTACLE		HEAT DETECTOR
	DUPLEX GFCI RECEPTACLE		DUCT SMOKE DETECTOR
	DUPLEX SPLIT IG RECEPTACLE		FIRE ALARM PULLSTATION
	QUADRUPLEX RECEPTACLE		FIRE ALARM BELL/GONG
	SPECIAL RECEPTACLE (SPEC AS NOTED)		FIRE ALARM BUZZER
	QUADRUPLEX RECEPTACLE (1 NORMAL/1 IG CIRCUIT)		FIRE/SMOKE ALARM STROBE
	RANGE RECEPTACLE		COMBINATION FIRE ALARM STROBE/BUZZER
	DRYER RECEPTACLE		FIRE ALARM SPEAKER
	PANELBOARD		FIRE FIGHTER TELEPHONE
	DIRECT HARD WIRED CONNECTION		MAGNETIC DOOR HOLDER
	JUNCTION BOX		
	PUSHBUTTON		



CONTRACTOR/CONSULTANT NOTES:

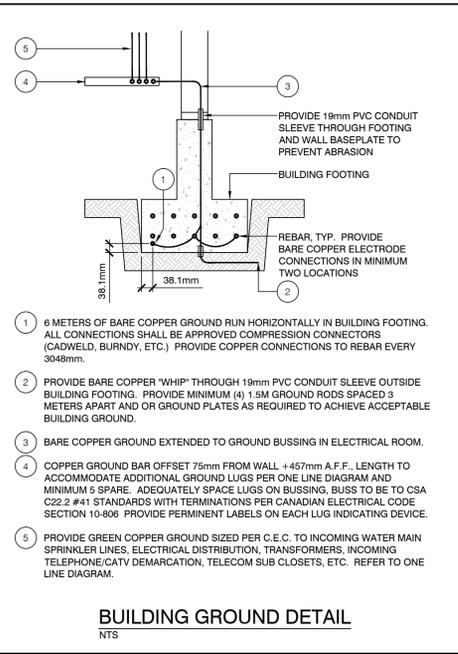
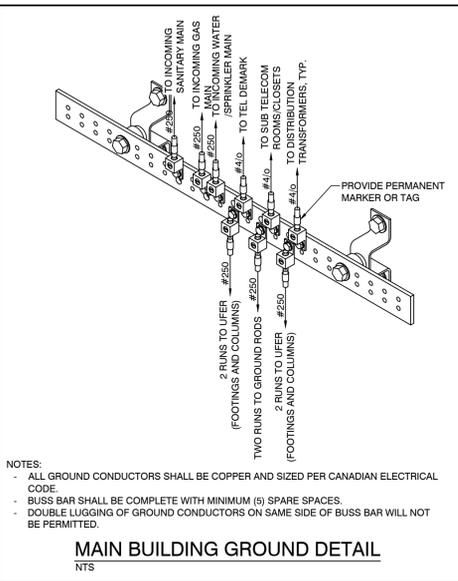
CONTRACT AWARDED: ONCE CONTRACT IS AWARDED, THE ELECTRICAL CONTRACTOR SHALL SUBMIT NAME OF COMPANY, ADDRESS, PHONE NUMBER, NAME OF INTERNAL CONTACT, EMAIL ADDRESS AND NAME/PHONE NUMBER OF SITE CONTRACTOR TO THE CONSULTANT.

SITE REVIEWS: ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE CONSULTANT MINIMUM 5 BUSINESS DAYS PRIOR TO BOARDING OF WALLS (ROUGH IN STAGE) FOR CONSULTANT SITE REVIEW. THIS REVIEW IS REQUIRED IN ADDITION TO REVIEWS PROVIDED BY LOCAL AUTHORITIES. THE CONSULTANT RESERVES THE RIGHT TO HAVE THE CONTRACTOR REMOVE ANY AND ALL BOARDING TO EXPOSE EQUIPMENT AND OR WIRING THAT THE CONSULTANT DEEMS NECESSARY TO COMPLETE THE REVIEW. ALL ASSOCIATED COSTS SHALL BE BEARED BY THE CONTRACTOR SHOULD THEY FAIL TO CONTACT THE CONSULTANT PRIOR TO BOARDING.

ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE CONSULTANT MINIMUM 5 BUSINESS DAYS PRIOR TO FINAL CONSULTANT INSPECTION. THE CONTRACTOR SHALL PROVIDE CONFIRMATION THAT THE EXIT AND EMERGENCY LIGHTING IS FULLY OPERATIONAL. SHOULD LIGHTING NOT BE FULLY OPERATIONAL DURING INSPECTION, ELECTRICAL CONTRACTOR MAY BE SUBJECT TO PAY FOR ALL ADDITIONAL COSTS ASSOCIATED WITH CONSULTANT HAVING TO RETURN TO SITE AFTER COMPLETION. REFER TO FINAL OCCUPANCY REQUIREMENTS FOR ADDITIONAL INFORMATION.

FINAL OCCUPANCY REQUIREMENTS: ELECTRICAL CONTRACTOR SHALL PROVIDE COPIES OF THE FOLLOWING PRIOR TO CALLING FOR FINAL INSPECTION:

- FIRE ALARM VERIFICATION WORKSHEETS, TO EXPEDITE PROCESS.
- HANDWRITTEN VERIFICATION CHECKLIST FROM THE TECHNICIAN IS ACCEPTABLE.
- TYPEWRITTEN COPY OF VERIFICATION WITH CERTIFICATE CAN BE SUBMITTED SOON AFTER (WITHIN 2 WEEKS OF VERIFICATION).
- COPY OF ELECTRICAL CONTRACTOR'S ENGINEER REVIEW DOCUMENTATION PERFORMED DURING FIRE ALARM VERIFICATION (ALBERTA PROJECTS ONLY).
- KITCHEN FIRE SUPPRESSION TRIP TEST. COORDINATE WITH GENERAL CONTRACTOR.
- FIRE ALARM MONITORING LETTER (IF SPRINKLERED).
- SIGNED AND SEALED SCHEDULE B & C FOR SEISMIC RESTRAINTS (WHERE APPLICABLE).
- REFER TO SPECIFICATIONS FOR ADDITIONAL DETAILS.



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APPROVED BY: DH

PROJECT: Langley Bypass Commercial

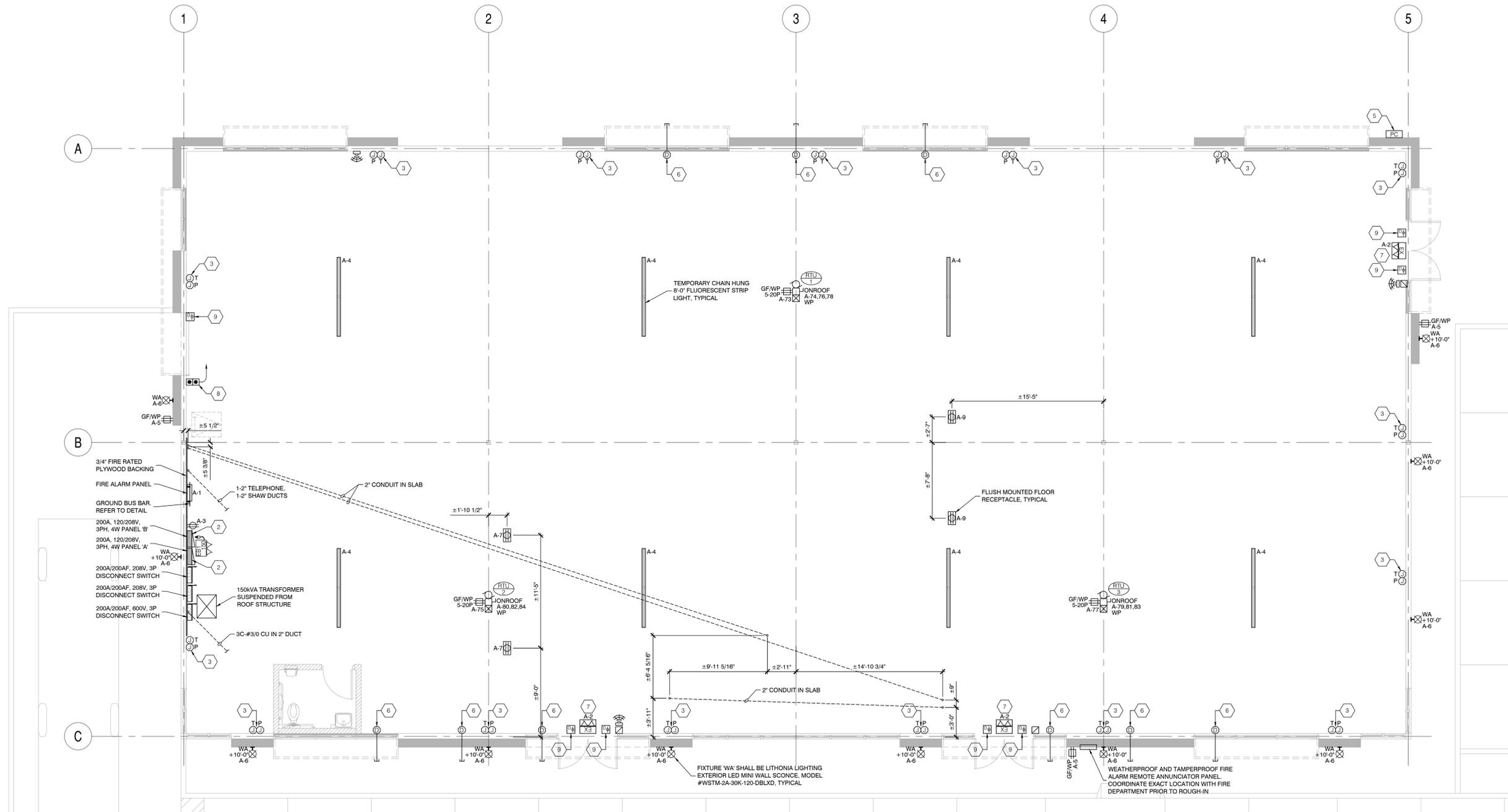
206 TO LANGLEY BYPASS
LANGLEY, BC

DRAWING: SITE SERVICING DETAILS

PROJECT NUMBER: 13428 DRAWING NUMBER: E.I.1

SCALE: AS NOTED

DATE: MAR 2017 REVISION: -



FLOOR PLAN
3/16" = 1'-0"

- KEY NOTES:**
- 1 EXTEND (1) 1/4" TELEPHONE AND (1) 1/4" CATV CONDUIT TO ACCESSIBLE CEILING AND HOME RUN TO MAIN TELEPHONE DEMARCATION IN ELECTRICAL ROOM.
 - 2 PROPOSED LOCATION FOR TENANT TRANSFORMER AND PANEL. CONTRACTOR TO CONFIRM EXACT LOCATION WITH TENANT/LANDLORD PRIOR TO ROUGH IN. PROVIDE 15A-1P BREAKER FOR EXIT/EM. (2) 15A-1P BREAKERS FOR LIGHTING, 15A-1P BREAKER FOR RECEPTACLE BELOW PANEL AND BREAKERS PER MECHANICAL SCHEDULE. PANEL TO BE C/W RECESS FRAME IN KIT.
 - 3 (2) 2-GANG MASON JUNCTION BOXES IN WALL AT +18" IN FINISHED WALLS FOR FUTURE TELECOM AND POWER OUTLETS. EXTEND A 1" CONDUIT C/W PULLSTRING FOR TELECOM AND A 1/2" CONDUIT C/W PULLSTRING FOR POWER UP INSIDE WALL TO ACCESSIBLE CEILING SPACE.
 - 4 SUPPLY AND INSTALL SELF POWERED L.E.D. EXTRUDED ALUMINUM SELF POWERED EXIT SIGN. PROVIDE 120V READY-LITE RA SERIES OR APPROVED EQUAL.
 - 5 PHOTOCELL MOUNTED ON NORTH FASCIA FOR EXTERIOR LIGHTING CONTROL. EXTEND A 1/2" CONDUIT AND WIRING TO ELECTRICAL ROOM.
 - 6 WEATHERPROOF OUTLET ON FASCIA FOR TENANT SIGNAGE. STUB A 1" CONDUIT C/W PULLSTRING INTO ACCESSIBLE CEILING SPACE FOR FUTURE WIRING BY OTHERS.
 - 7 EXIT SIGNS TO BE COMBINATION STYLE C/W EMERGENCY HEADS. PROVIDE DEDICATED 15A-1P BREAKER AND WIRING TO TENANT PANEL. PROVIDE 120V READY-LITE RAC SERIES OR APPROVED EQUAL.
 - 8 PROVIDE 1-GANG JUNCTION BOX AND ROUGH-IN FOR MOTORIZED DOOR ACTUATOR AT +36" AFF. CONTROL WIRING BY OTHERS. PROVIDE 1/2" CONDUIT C/W PULLSTRING TO OPERATOR AS REQUIRED.
 - 9 PROVIDE CONDUIT INFRASTRUCTURE FOR SECURITY DOOR CONTACT. EXTEND 1/2" CONDUIT TO INTERIOR SPACE.
 - 10 2.0 kW RECESSED WALL MOUNTED FORCE FLOW HEATER MOUNTED +36". PROVIDE OUELLET DAC02007 347V 10 QR APPROVED EQUAL.
- ◻ DENOTES - NOT APPLICABLE

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DRAWN BY: DH
APPROVED BY: DH

PROJECT: **Langley Bypass Commercial**
206 TO LANGLEY BYPASS
LANGLEY, BC

DRAWING: **FLOOR PLAN**

PROJECT NUMBER: 13428 DRAWING NUMBER: E2.0
SCALE: AS NOTED
DATE: MAR 2017 REVISION: -

Langley Bypass 13-94

