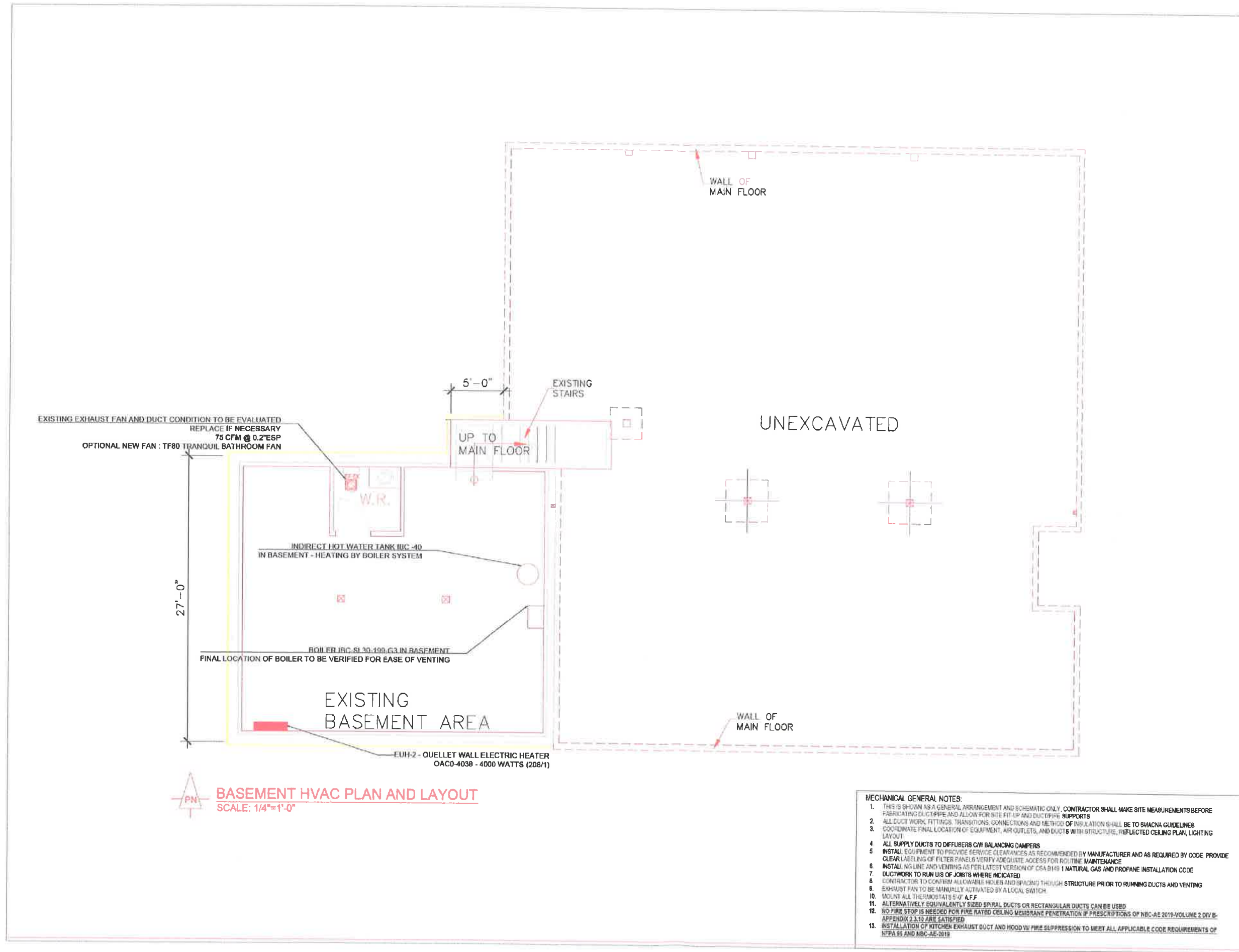




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THE UNIVERSAL SCALE INDICATED ON THE REFERENCE SYMBOLS APPLY TO DRAWINGS PRINTED FULL SIZE ON 11" X 17" SHEETS. REDUCTIONS OR ENLARGEMENTS OF THE DRAWING SHEETS, ALL DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER PRIOR TO COMMENCEMENT OF WORK. DRAWINGS ARE NOT TO BE SCALED FOR MEASUREMENTS.

LEXUS ENGINEERING
UNIT #208 8716 - 48 AVENUE NW
EDMONTON, ALBERTA, T8E 5L1
BUS (780) 435-4544

PERMIT TO PRACTICE
LEXUS ENGINEERING LTD
Date: **2021-03-12**
PERMIT NUMBER: 11367
The Association of Professional Engineers,
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stamp / permit

2021-03-12

NO.	Description	Date (Y/M/D)
4	ISSUED FOR PERMIT	2021-03-11
3	ISSUED FOR PERMIT	2021-02-23
2	ISSUED FOR REVIEW	2021-01-26
1	ISSUED FOR REVIEW	2020-09-24

Revisions

PROJECT TITLE
THE FOUNDRY - ONOWAY

PROJECT ADDRESS
4904 - 50 STREET,
ONOWAY, ALBERTA, T0E 1V0

DRAWING TITLE
VENTILATION PLAN

DRAWN	PROJECT NUMBER
MG	C395

CHECKED	SCALE
GG	N.T.S.

DATE	SHEET NO
2020-09-24	3 OF 17

MECHANICAL GENERAL NOTES:

- THIS IS SHOWN AS A GENERAL ARRANGEMENT AND SCHEMATIC ONLY. CONTRACTOR SHALL MAKE SITE MEASUREMENTS BEFORE FABRICATING DUCTWORK AND ALLOW FOR SITE FIT-UP AND DUCTWORK SUPPORTS.
- ALL DUCT WORK, FITTINGS, TRANSITIONS, CONNECTIONS AND METHOD OF INSULATION SHALL BE TO SMACNA GUIDELINES.
- COORDINATE FINAL LOCATION OF EQUIPMENT, AIR OUTLETS, AND DUCTS WITH STRUCTURE, REFLECTED CEILING PLAN, LIGHTING LAYOUT.
- ALL SUPPLY DUCTS TO DIFFUSERS OR BALANCING DAMPERS.
- INSTALL EQUIPMENT TO PROVIDE SERVICE CLEARANCES AS RECOMMENDED BY MANUFACTURER AND AS REQUIRED BY CODE. PROVIDE CLEAR LABELING OF FILTER PANELS VERIFY ADEQUATE ACCESS FOR ROUTINE MAINTENANCE.
- INSTALL GAS LINE AND VENTING AS PER LATEST VERSION OF CSA B149.1 NATURAL GAS AND PROPANE INSTALLATION CODE.
- DUCTWORK TO RUN US OF JOISTS WHERE INDICATED.
- CONTRACTOR TO CONFIRM ALLOWABLE HOLES AND SPACING THROUGH STRUCTURE PRIOR TO RUNNING DUCTS AND VENTING.
- EXHAUST FAN TO BE MANUALLY ACTIVATED BY A LOCAL SWITCH.
- MOUNT ALL THERMOSTATS 5'-0" A.F.F.
- ALTERNATIVELY EQUIVALENTLY SIZED SPIRAL DUCTS OR RECTANGULAR DUCTS CAN BE USED.
- NO FIRE STOP IS NEEDED FOR FIRE RATED CEILING MEMBRANE PENETRATION IF PRESCRIPTIONS OF NBC-AE 2019-VOLUME 2 DIV B-APPENDIX 2.3.13 ARE SATISFIED.
- INSTALLATION OF KITCHEN EXHAUST DUCT AND HOOD VULNERABILITY SUPPRESSION TO MEET ALL APPLICABLE CODE REQUIREMENTS OF NFPA 96 AND NBC-AE-2019.

NOTE
THIS DRAWING IS CONCEPTUAL AND IS NOT INTENDED TO BE USED FOR CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE ENGINEER TO PROVIDE A COMPLETE SET OF INSTRUCTIONS ON HOW TO CONSTRUCT OR ASSEMBLE THIS BUILDING. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL THE MATERIALS AND LABOUR TO FURNISH A COMPLETE BUILDING TO THE SATISFACTION OF THE ENGINEER. ALL BUILDING MATERIAL SPECIFICATIONS, PROCEDURES AND PRACTICES SHALL BE OBTAINED AND EXECUTED AS DESCRIBED IN APPROPRIATE PARTS OF THE CANADIAN PLUMBING CODE IN ALL CASES, WHETHER DEPICTED IN THIS SET OF DRAWINGS OR INCIDENTAL.

THE IMPERIAL SCALE INDICATED ON THE REFERENCE SYMBOLS APPLY TO DRAWINGS PRINTED FULL SIZE ON 36" X 24" (ARCH D) SHEET SIZE. THE OTHER SCALE DOES NOT APPLY TO REDUCTIONS OR ENLARGEMENTS OF THIS DRAWING SHEETS. ALL DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER PRIOR TO COMMENCEMENT OF WORK. DRAWINGS ARE NOT TO BE SCALED FOR MEASUREMENTS.

LEXUS ENGINEERING

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1	ISSUED FOR REVIEW	2020-09-24
Revisions		

PROJECT TITLE
THE FOUNDRY - ONOWAY

PROJECT ADDRESS
4904 - 50 STREET,
ONOWAY, ALBERTA, T0E 1V0

DRAWING TITLE
SANITARY PLAN

DRAWN
MC

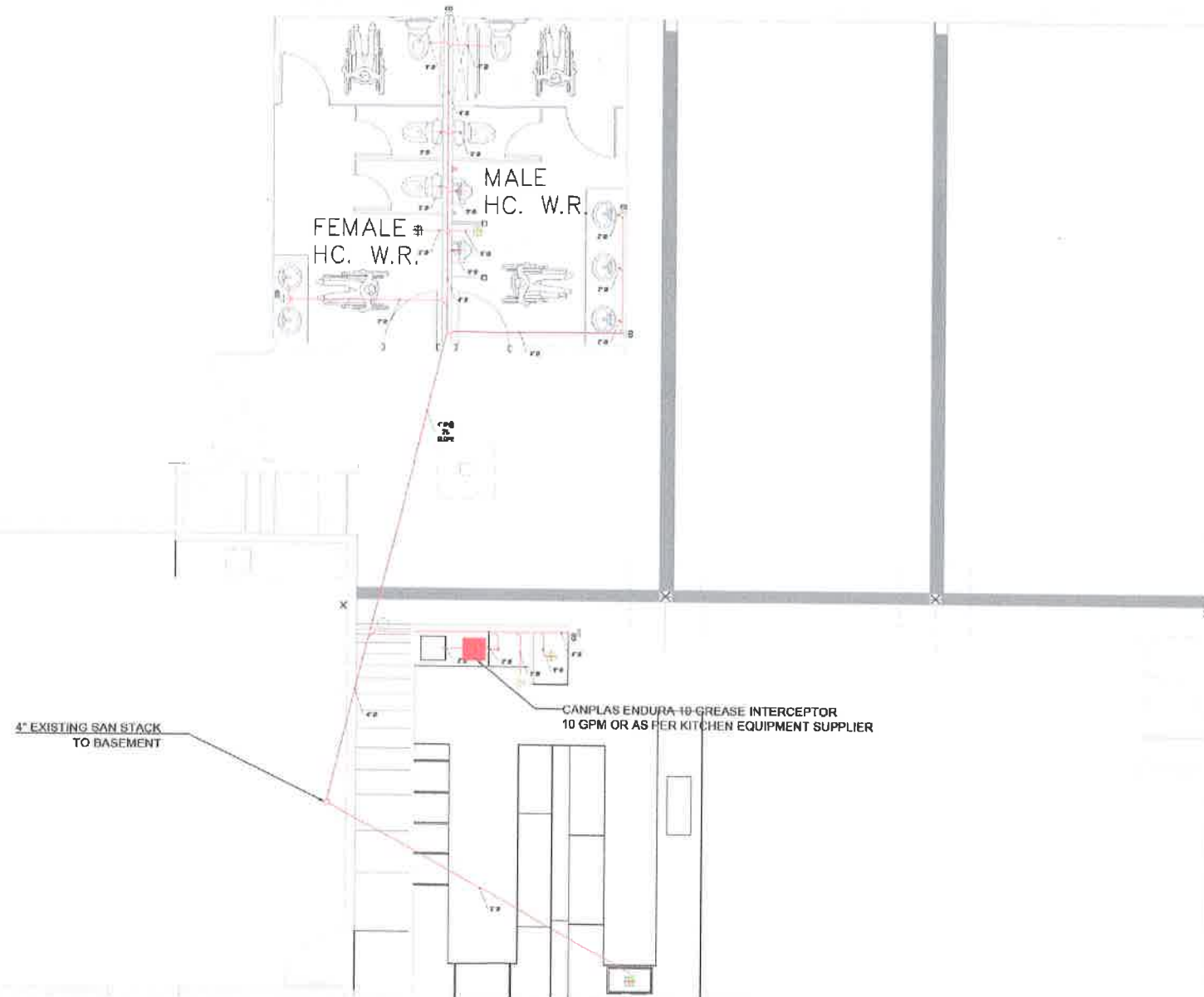
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DATE
2020-03-24

PROJECT NUMBER
C395

SCALE
N.T.S.

SHEET NO
5 OF 17

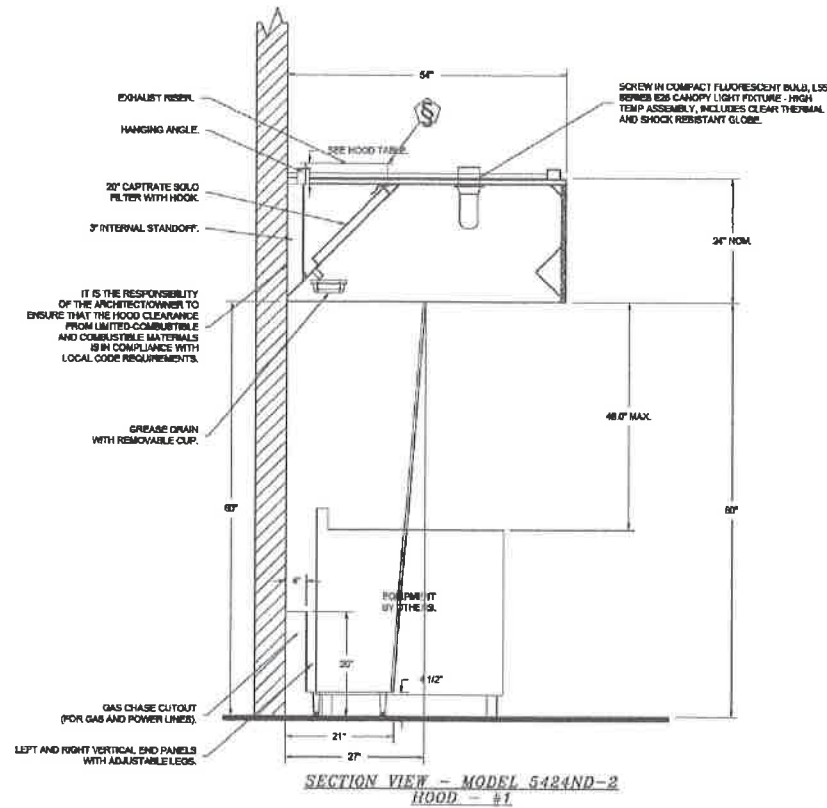


SANITARY PLAN
SCALE: 1/4"=1'-0"

PLUMBING GENERAL NOTES:

1. PROVIDE AND INSTALL PLUMBING IN ACCORDANCE WITH CURRENT EDITION OF NATIONAL PLUMBING CODE
2. DOMESTIC PIPING SHALL BE EITHER COPPER OR CPVC OR PEX OR WIRESS
3. INSTALL TRAP GUARDS ON ALL FLOOR DRAINS
4. PROVIDE SHUT OFF VALVES ON ALL COLD AND HOT WATER SUPPLIES TO ALL LAVS, SINKS AND WATER CLOSETS
5. COLD & HOT WATER PIPES - DRILL HOLES THROUGH JOIST AS REQUIRED
6. PIPING PENETRATION THRU RATED WALL OR CEILING TO BE FIRE STOP SEALED
7. CONDENSATE PIPING MUST BE CORROSION RESISTANT MATERIAL
8. CONTRACTOR TO COORDINATE OUTLETS WITH LATEST STRUCTURAL FOUNDATION DRAWINGS
9. DRAIN SLOPES ARE INDICATED AS A MINIMUM SLOPE AND CAN BE INSTALLED AT A GREATER SLOPE IF NEEDED
10. ALL INVERT DEPTHS MEASURED FROM GRADE FLOOR
11. PLUMBING AND DRAINS TO BE INSTALLED WITHIN PLUMBING WALL NOT THE PARTY WALL
12. FIRE RATED ACCESS PANEL TO BE PROVIDED TO ACCESS ALL VALVES, ALL CLEANOUTS, ETC
13. INSTALLING LINE AND VENT PIPING AS PER LATEST VERSION OF CSA B181.1 NATURAL GAS AND PROPANE INSTALLATION CODE
14. REFER TO SITE PLAN FOR EXACT LOCATION AND SIZE OF MAIN WATER SERVICE
15. DRAWING SHOWS WATER AND GAS CONNECTIONS, CONTRACTOR TO USE CORRECT CONVECTION AND CONNECTION FOR THE APPROPRIATE BUILDING

PLUMBING FIXTURE CONNECTION SCHEDULE (MIN)				
FIXTURE	COLD WATER (CU)	HOT WATER (CU)	DRAIN (CU)	VENT
PRIVATE LAVATORY	1/2" (0.5)	1/2" (0.5)	1 1/4" (1)	1 1/4"
PUBLIC LAVATORY	1/2" (1.5)	1/2" (1.5)	1 1/4" (1.5)	1 1/4"
KITCHEN SINK	1/2" (3)	1/2" (3)	1 1/2" (2)	1 1/4"
BATH / SHOWER	1/2" (2)	1/2" (2)	1 1/4" (1.5)	1 1/4"
LAUNDRY STAND PIPE	1/2" (1)	1/2" (1)	2" (2)	1 1/4"
DISH WASHER	---	1/2" (1.4)	5/8" (1.5)	1 1/4"
WATER CLOSET	1/2" (2.2)	---	3" (4)	1 1/2"
FLOOR DRAIN	---	---	3" (3)	1 1/2"



FIRE SYSTEM INFORMATION -- JOB#4697932

FIRE SYSTEM NO	TAG	TYPE	SIZE	FLOW POINTS	INSTALLATION	
					SYSTEM	LOCATION ON HOOD
1		ANSUL R102	3.0	2	FIRE CABINET RIGHT	RIGHT, HOOD 1

GAS VALVE(S)

FIRE SYSTEM NO	TAG	TYPE	SIZE	SUPPLIED BY
1		MECHANICAL	2.000	CAPTIVEAIRE SYSTEMS

FIRE SYSTEM PARTS LIST KEY

FIRE SYSTEM NO	TAG	KEY NUMBER - PART DESCRIPTION	QTY BY FACTORY	QTY BY DIST
1		0 - 0 - 43-15733 AIR CYLINDER ASSEMBLY - AIR CYLINDER AND TUBING FOR MECHANICAL GAS VALVES (ANSUL PART #16733)	1	0
		0 - 0 - TANK STRAP TANK STRAP - USED FOR ANSUL TANKS	1	0
		0 - 0 - UCTANKBRACKET TANK BRACKET FOR FIRE SYSTEM TANK INSTALLATION IN UTILITY CABINETS	1	0
		1 - 1 - AT - 3.0 TANK (10) - 3.0 GALLON SS TANK (FOR USE WITH AUTOMAN RELEASE, ACTUATOR, OR SS ENCLOSURE (UL/ULC)) MACOLA # 01-428662	1	0
		3 - 3 - ANS-DEM REGULATED RELEASE - ANSUL REGULATED MECHANICAL RELEASE/BRACKET ASSEMBLY, OEM, R-102, CARTRIDGE DETECTION INCLUDED, ANSUL PART # 79453	1	0
		5 - 6 - LKQ-3.0 AGENT - ANSUL/EX LOW PH WET CHEMICAL AGENT, 3 GALLON (UL) 78972	0	1
		7 - 7 - 101-20 CARTRIDGE - CARBON DIOXIDE 101-20, 3 GALLON CARTRIDGE (R-102)	0	1
		10 - 10 - TLINK LINK - TEST LINK (1 TEST LINK) ANSUL PART # 24916, MACOLA # 20-24916	0	1
		11 - 11 - MICRO-SDA MICROSWITCH KIT - INCLUDES 2 SWITCHES AND MOUNTING HARDWARE: SINGLE DUAL ELECTRIC SWITCH, ONE STANDARD SWITCH, ONE ALARM DUTY SWITCH ANSUL PART # 437155, MACOLA # 06-437155	1	0
		27 - 27 - OPSA-1/2 PULLEY SEAL - 1/2\" HOOD SEAL (UL) ANSUL PART # 423253, MACOLA # 32-79760	1	0
		34 - 34 - RPS A REMOTE PULL STATION - RED COMPOSITE (WITHOUT WIRE HOPE) 434816 (OLD MACOLA #06-4035)	1	0
		35 - 35 - PE-LT PULLEY ELBOW - LOW TEMP. PULLEY ELBOW, SET SCREW TYPE ANSUL PART # 415670, MACOLA # 11-415671	2	0
		36 - 36 - PE-HT PULLEY ELBOW - HIGH TEMP PULLEY ELBOW, COMPRESSION TYPE, ANSUL PART # 423251, MACOLA # 10-45771	1	0
		ADDITIONAL PARTS TO BE DETERMINED.		

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THE IMPERIAL SCALE INDICATED ON THE REFERENCE SYMBOLS APPLY TO DRAWINGS PRINTED FULL SIZE ON 30\"/>

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Date *JMB* 2021-03-12

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1	ISSUED FOR REVIEW	2020-09-24
NO	Description	Date (Y/M/D)
Revisions		

PROJECT TITLE
THE FOUNDRY - ONOWAY

PROJECT ADDRESS
4904 - 50 STREET,
ONOWAY, ALBERTA, T0E 1V0

DRAWING TITLE
**KITCHEN HVAC
EQUIPMENT - HOOD
DETAILS**

DRAWN
MG

CHECKED
GK

DATE
2020-09-24

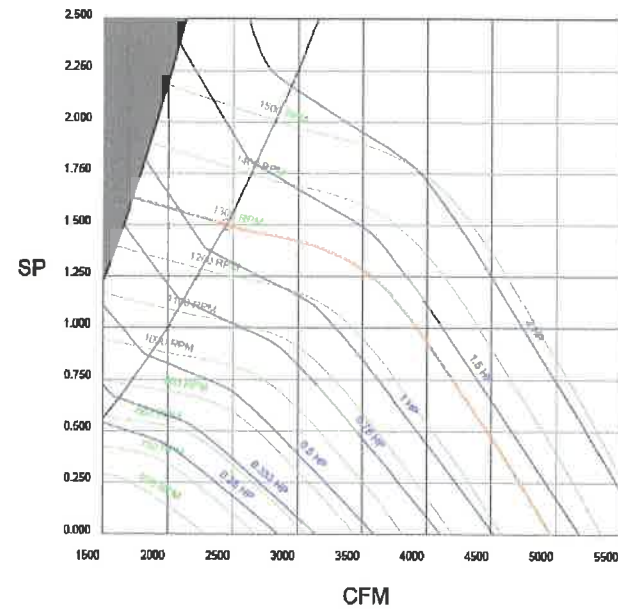
PROJECT NUMBER
C395

SCALE
N.T.S.

SHEET NO
7 OF 17

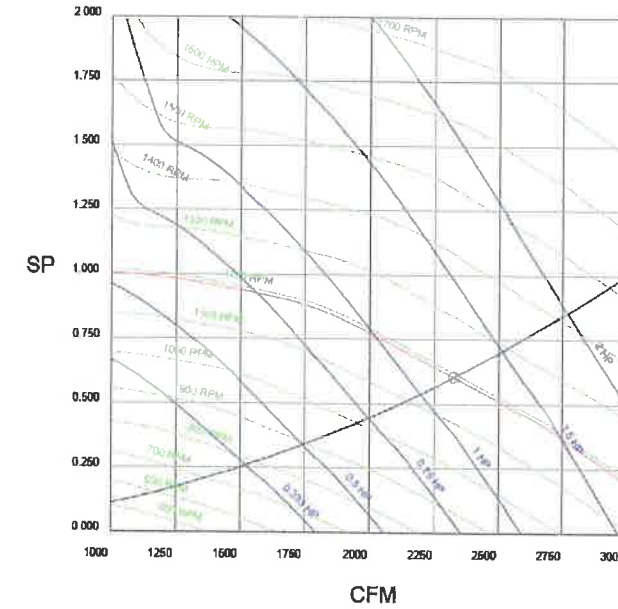
FAN#1 - EXHAUST PERFORMANCE CURVES.

2448 CFM, 1.5 SP @ 1297 RPM AND 1.25 BHP AT 2192 FEET AND 120 DEG F
* PLEASE NOTE THAT THESE CURVES WERE ADJUSTED FOR JOB SPECIFIC TEMPERATURE AND ALTITUDE.



FAN#2 - HEATER PERFORMANCE CURVES.

2328 CFM, 0.803 SP @ 1182 RPM AND 1.13 BHP AT 2192 FEET AND 75 DEG F
* PLEASE NOTE THAT THESE CURVES WERE ADJUSTED FOR JOB SPECIFIC TEMPERATURE AND ALTITUDE.



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Date: *AMJ* 2021-03-12
PERMIT NUMBER: 11367
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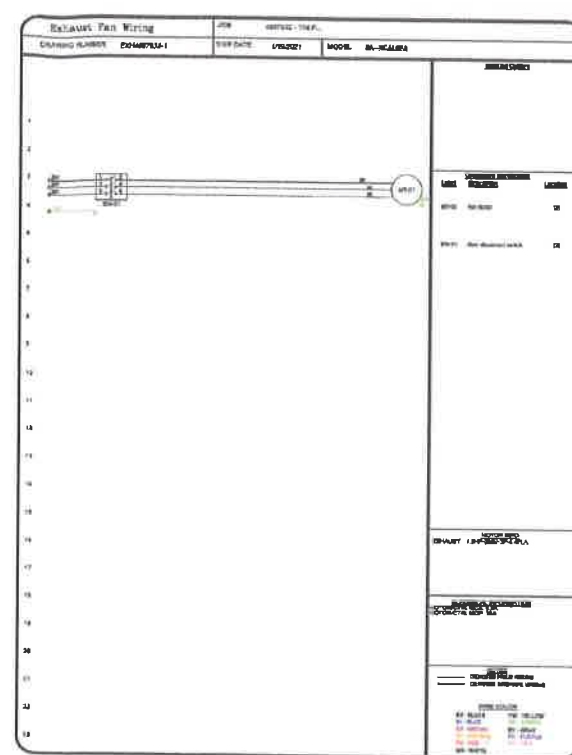
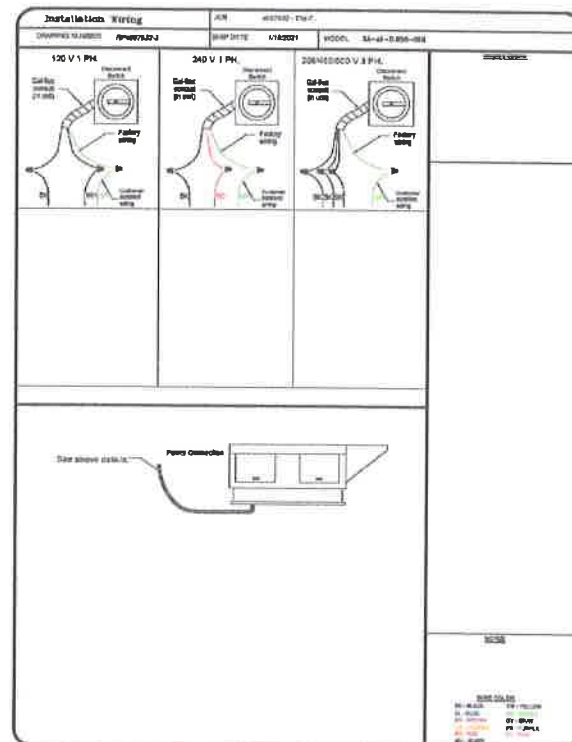
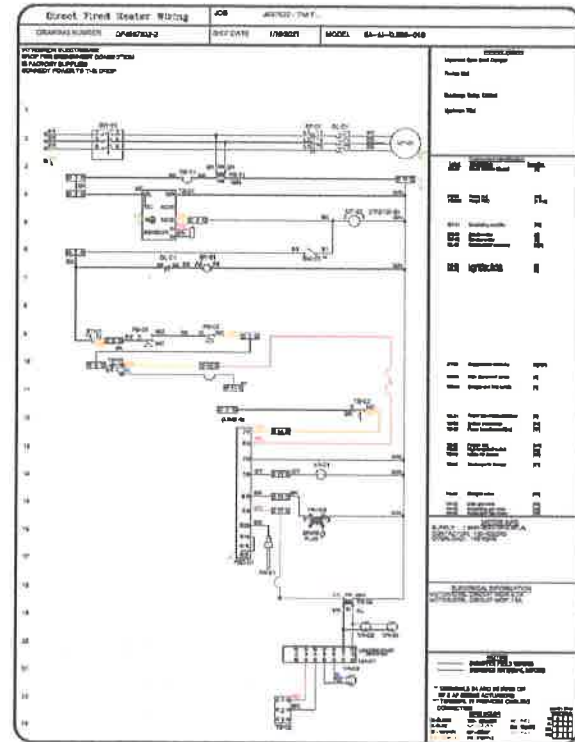
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PROJECT TITLE
THE FOUNDRY - ONOWAY

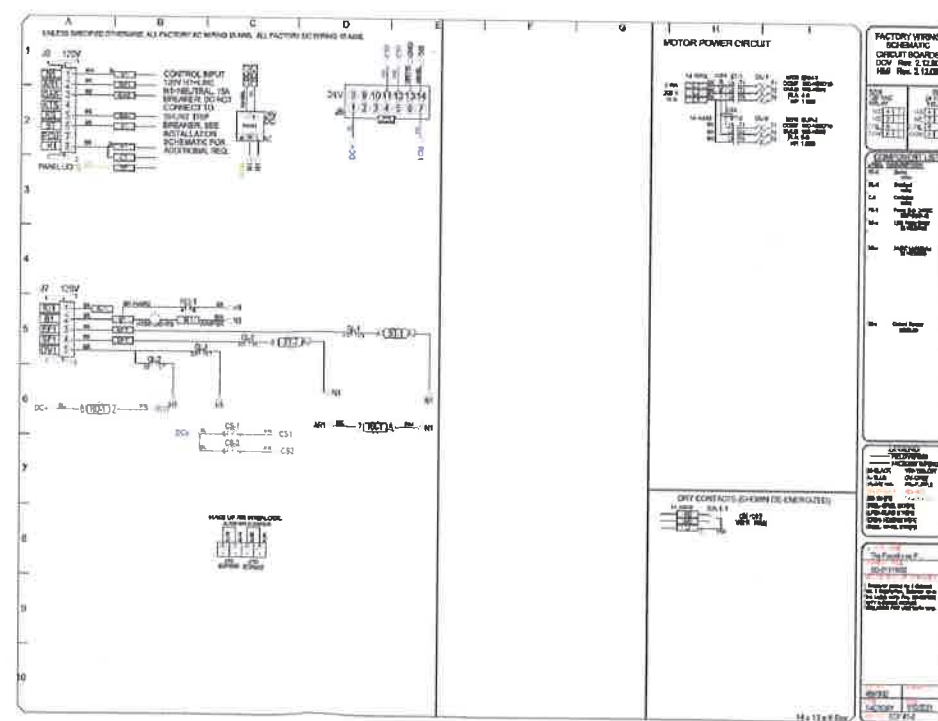
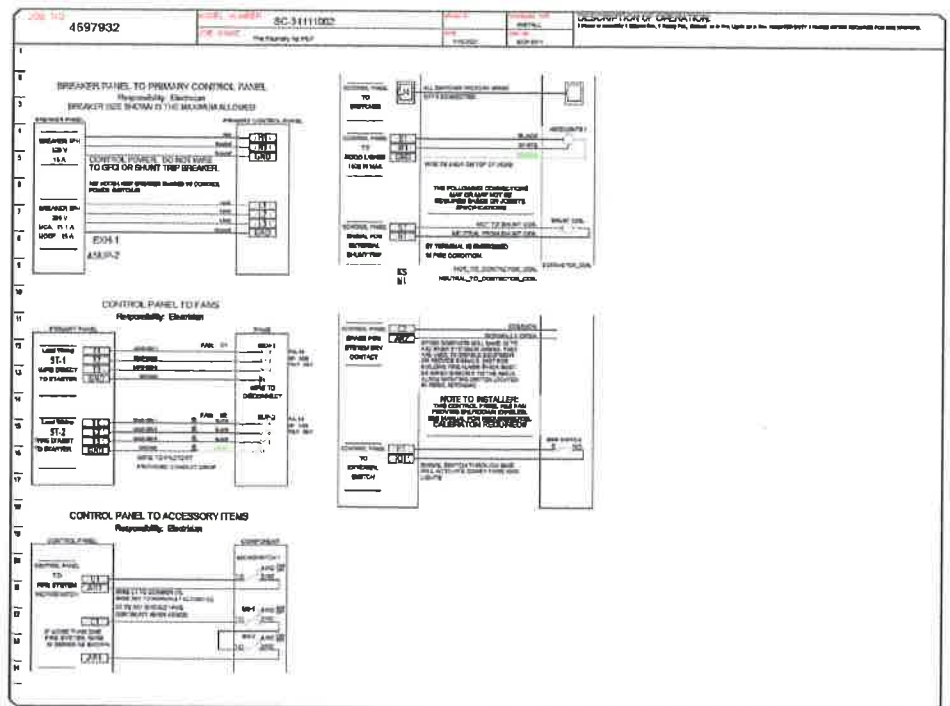
PROJECT ADDRESS
4904 - 50 STREET,
ONOWAY, ALBERTA, T0E 1V0

DRAWING TITLE
**KITCHEN HVAC MUA
AND EXHAUST FAN
CURVES**

DRAWN MG	PROJECT NUMBER C395
CHECKED GG	SCALE N.T.S.
DATE 2020-09-24	SHEET NO 9 OF 17



ELECTRICAL PACKAGE - JOB#4697932											
NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED				
				LOCATION	QUANTITY		TYPE	#	HP	VOLT	FLA
1		SC-3111002	WALL MOUNT IN SS BOX	DS - SS WALL MOUNT BOX	1 LIGHT 1 FAN	SMART CONTROLS BASIC	EXHAUST	2	1.500	200	4.4
							SUPPLY	3	1.500	200	4.4



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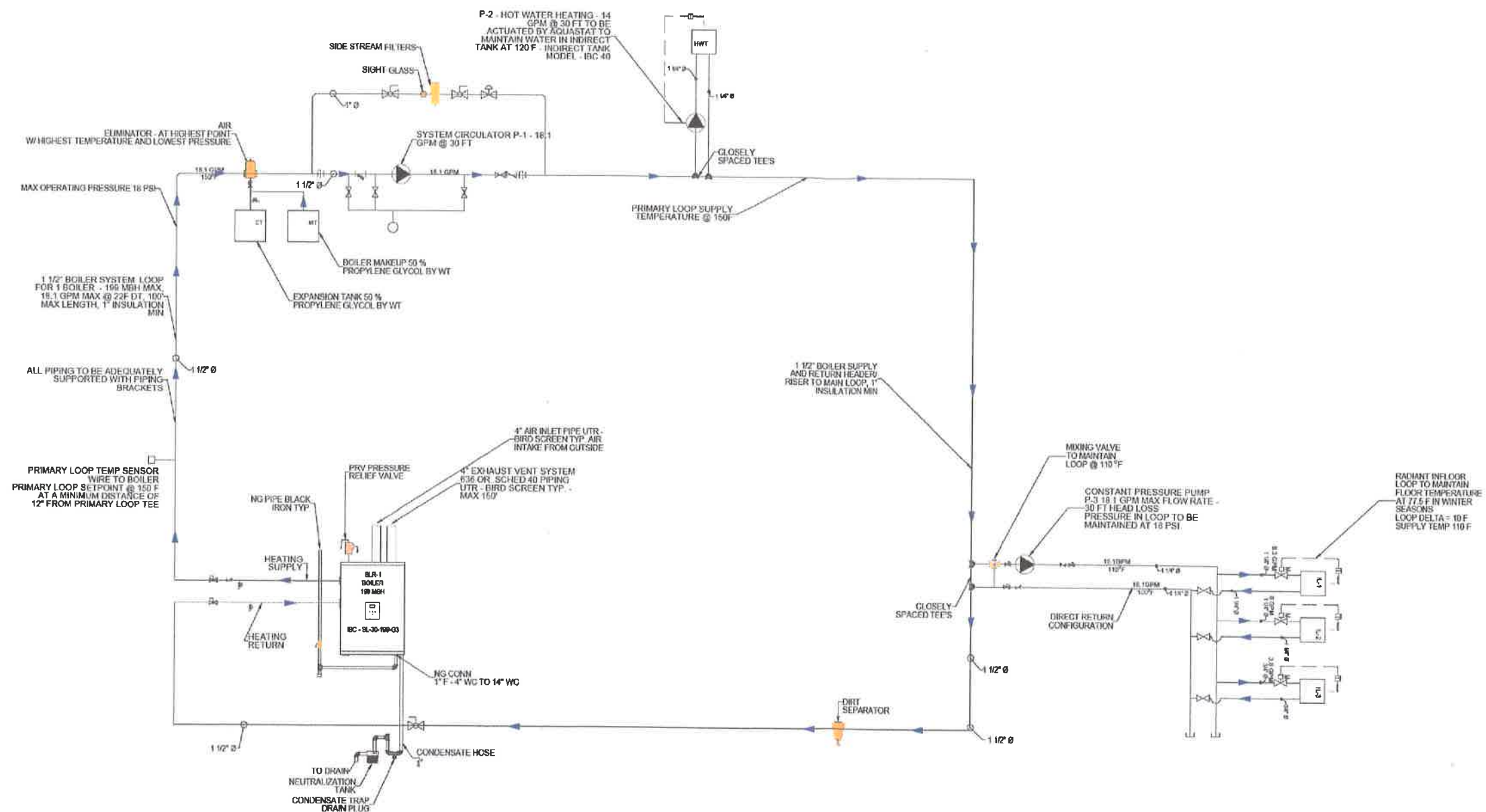
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1	ISSUED FOR REVIEW	2020-03-24
0	Issued for Review	

PROJECT TITLE
THE FOUNDRY - ONOWAY

PROJECT ADDRESS
4904 - 50 STREET,
ONOWAY, ALBERTA, T0E 1V0

DRAWING TITLE
**KITCHEN HVAC
EQUIPMENT - WIRING**

NO	DESCRIPTION	DATE (Y/M/D)
4	ISSUED FOR PERMIT	2021-03-11
3	ISSUED FOR PERMIT	2021-02-23
2	ISSUED FOR REVIEW	2021-01-23
1	ISSUED FOR REVIEW	2020-03-24
0	Issued for Review	



HYDRONIC CIRCUIT NOTES:

1. NOT ALL BALL VALVES SHOWN. INSTALL SUFFICIENT BALL VALVES TO ISOLATE CIRCUITS AND FITTINGS FOR MAINTENANCE
2. USE ISO-FLANGE FITTINGS FOR CIRCULATORS
3. ALL CIRCULATORS SHOULD HAVE FACTORY INSTALLED INTEGRATED CHECK VALVES. IF NOT, INSTALL A CHECK VALVE ON THE OUTPUT OF EACH CIRCULATOR.
4. INSTALL P&T GAUGES. MINIMUM OF 2 GAUGES, 1 EACH FOR SUPPLY AND RETURN FROM BOILER
5. INSTALL NG LINE AND VENTING AS PER LATEST VERSION OF NG INSTALLATION CODE CSA B149.1
6. CONDENSATE PIPING MUST BE CORROSION RESISTANT MATERIAL
7. IF NO DRAIN CLOSE BY, USE A CONDENSATE PUMP
8. ALL CONTROL VALVES AND ZONE PUMPS FOR FAN COILS AT HEATING COILS ARE DISCHARGE AIR CONTROLLED
9. HYDRONIC PANEL CAN BE SPECIFIED BASED ON THIS HYDRONIC SCHEMATIC

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Revisions		

PROJECT TITLE
THE FOUNDRY - ONOWAY

PROJECT ADDRESS
4904 - 50 STREET,
ONOWAY, ALBERTA, T0E 1V0

DRAWING TITLE
HYDRONIC SCHEMATIC FOR INFLOOR AND DHW

DRAWN MG	PROJECT NUMBER C395
CHECKED GG	SCALE N.T.S.
DATE 2020-09-24	SHEET NO 13 OF 17

THE IMPERIAL SCALE INDICATED ON THE REFERENCE SYMBOLS APPLY TO DRAWINGS PRINTED FULL SIZE ON 30" X 24" ARCH D SHEET SIZE. THE GIVEN SCALE DOES NOT APPLY TO REDUCTIONS OR ENLARGEMENTS OF THE DRAWING SHEETS. ALL DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER PRIOR TO COMMENCEMENT OF WORK. DRAWINGS ARE NOT TO BE SCALED FOR MEASUREMENTS.

DOMESTIC HWT (INDIRECT)								
UNIT No	MAKE	MODEL	TANK VOLUME	DIAMETER	HEIGHT	WATER CONN	BOILER CONN	MWP(PSI)
DHWT-1	IBC	IBC 40	40 USG	23.5	44	3/4 IN	1 IN	150 PSI

NOTES:

BOILER SCHEDULE											
UNIT No	MAKE	MODEL	HEATING CAPACITY			ELECTRICAL		WATER CONN	NG CONN	VENT INLET	VENT EXH
			INPUT	OUTPUT	EFFICIENCY	POWER	WATTS				
BLR-1	IBC	SL30-199-G3	199 MBH	180 MBH	90%	120/1/60	190	1 1/2"	3/4"	3"	3"
NOTES: PROVIDE FLOOR STANDS, PIPING KIT AND CONDENSATE TANK AND WALL VENT KITS											

FORCE FLOW ELECTRIC HEATERS SCHEDULE						
UNIT No	MAKE	MODEL	ELECTRICAL			SERVES
			E/A (CFM)	SUPPLY	POWER	
EUH-1	Ouellet	OAR-C1000ENTEC208V	740	208/3/60	4500/9000	MAIN ENTRANCE OPTIONAL
EUH-2	Ouellet	OAC04038-T	440	208/1/60	4000 W	BASEMENT
EUH-3	Ouellet	OACP01502-T	160	120/1/60	1500 W	BACK DOOR OPTIONAL

NOTES (U.N.O):

1. ELECTRIC HEATERS HAVE INTEGRATED T-STAT
2. RECESSED INSTALLATION
3. COLOUR TO BE SELECTED BY CLIENT OR ARCHITECT- STANDARD IS WHITE

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Geoscientists of Alberta

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4	ISSUED FOR PERMIT	2021-03-31
3	ISSUED FOR PERMIT	2021-02-23
2	ISSUED FOR REVIEW	2021-01-25
1	ISSUED FOR REVIEW	2020-09-24
NO	Description	Date (YYYY)
	Resubmits	

PROJECT TITLE
THE FOUNDRY - ONOWAY

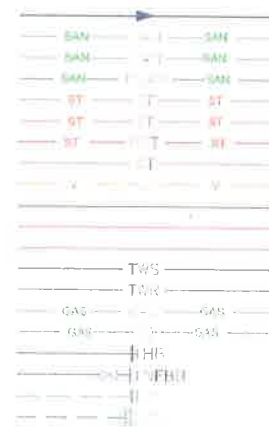
PROJECT ADDRESS
4904 - 50 STREET,
ONOWAY, ALBERTA, T0E 1Y0

DRAWING TITLE
**EQUIPMENT
SCHEDULES**

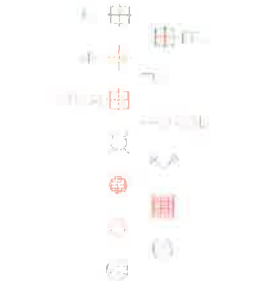
DRAWN MJD	PROJECT NUMBER C395
CHECKED RJD	SCALE N.T.S.
DATE 2020-09-24	SHEET NO. 15 OF 17

PLUMBING

DIRECTION OF FLOW
 SANITARY ABOVE SLAB
 BELOW SLAB
 PUMPED
 STORM ABOVE SLAB
 BELOW SLAB
 PUMPED
 WEEPING TILE
 VENT
 DOMESTIC COLD WATER
 DOMESTIC HOT WATER
 DOMESTIC HOT WATER RECIRC.
 TEMPERED WATER SUPPLY
 RETURN
 LOW PRESSURE NATURAL GAS
 HIGH PRESSURE NATURAL GAS
 HOSE BIBB
 NON FREEZE HOSE BIBB
 CLEANOUT PLUG
 FLOOR

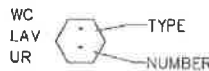


FLOOR DRAIN
 FUNNEL FLOOR DRAIN
 HUB DRAIN
 P-TRAP
 ROOF/AREA DRAIN
 RAIN WATER LEADER
 FIRE HYDRANT
 SIAMESE CONNECTION
 MANHOLE
 CATCH BASIN
 DRYWELL
 CARBON MONOXIDE DETECTOR
 NITROGEN DIOXIDE DETECTOR



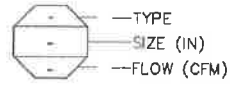
PLUMBING FIXTURE TAG

WATER CLOSET
 LAVATORY
 URINAL
 SINK
 DRINKING FOUNTAIN
 MOP/JANITOR SINK
 SHOWER
 BATH
 DISHWASHER
 EYE WASH
 EMERGENCY SHOWER
 WASH FOUNTAIN



AIR OUTLET TAG

SUPPLY
 RETURN
 EXHAUST
 TRANSFER
 LOUVRE

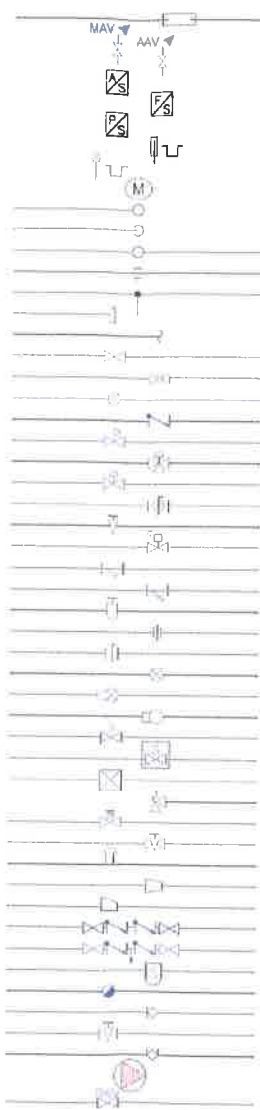


REVISION TAG



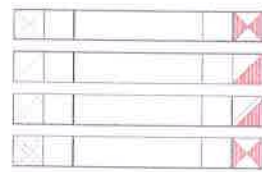
PIPE FITTINGS

EXPANSION JOINT
 AIR VENT MANUAL
 AUTOMATIC
 AQUA-STAT
 FLOW SWITCH
 PRESSURE SWITCH
 THERMOMETER & WELL
 PRESSURE GAUGE & TAP
 FLOW METER
 PIPE RISE
 PIPE DROP
 PIPE TOP TAKE-OFF
 PIPE BOTTOM TAKE-OFF
 SIMPLE CONNECTION
 PIPE CAP
 PIPE CONTINUATION
 GATE VALVE
 GLOBE VALVE
 BALANCING VALVE
 CHECK VALVE
 PRESSURE REDUCING VALVE
 3-WAY CONTROL VALVE
 2-WAY CONTROL VALVE
 BALL VALVE
 GAS COCK
 SOLENOID VALVE
 STRAINER (IN-LINE)
 STRAINER (BLOW-OFF)
 BUCKET STRAINER
 UNION
 BUTTERFLY VALVE
 FLOAT & THERMOSTATIC TRAP
 BUCKET TRAP
 THERMODYNAMIC TRAP
 SUPERVISED ISOLATION VALVE
 SUPERVISED ZONE VALVE
 FLOW CONTROL REGULATOR
 RELIEF VALVE
 O.S. & Y VALVE
 NEEDLE VALVE
 VACUUM BREAKER
 CONCENTRIC REDUCER
 ECCENTRIC REDUCER
 DOUBLE CHECK BFP
 REDUCED PRESSURE BFP
 SUCTION DIFFUSER
 CIRCUIT BALANCING VALVE
 ALARM CHECK VALVE
 PLUG VALVE
 CIRCUIT SETTER
 PUMP (SCHEMATIC)
 BACK WATER VALVE

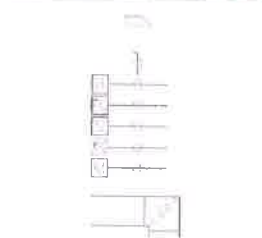


AIR DISTRIBUTION

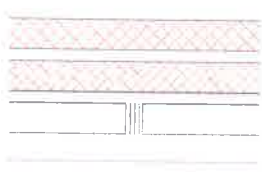
SUPPLY AIR (S/A)
 RETURN AIR (R/A)
 EXHAUST AIR (E/A)
 OUTSIDE AIR (O/A)
 DUCT TAKE OFF



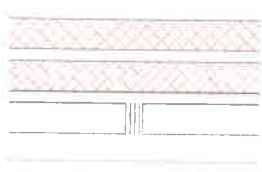
BALANCING DAMPER
 BACKDRAFT DAMPER
 FIRE DAMPER
 SMOKE DAMPER
 FIRE/SMOKE DAMPER
 MOTORIZED DAMPER



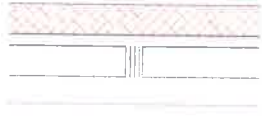
TURNING VANES



ACOUSTIC LINED DUCTWORK



EXTERNAL INSULATION



FLEXIBLE CONNECTION



FLEXIBLE DUCTWORK



THERMOSTAT
 HUMIDISTAT
 VARIABLE SPEED DRIVE
 OCCUPANCY SENSOR
 SWITCH
 FREEZE STAT



DOOR UNDERCUT



DOOR GRILLE c/w SIZE



DUCT LINE DIAGRAMS

SUPPLY AIR (S/A) - GREEN



RETURN AIR (R/A) - RED



EXHAUST AIR (E/A) - PURPLE

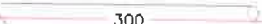


OUTSIDE AIR (O/A) - BLUE



DUCT DIMENSIONING

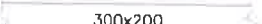
ROUND DUCT



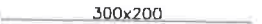
OVAL DUCT



RECTANGULAR DUCT



SINGLE LINE DUCT



DUCTWORK TO BE
 REMOVED



NOTE:
 THESE DRAWINGS ARE CONCEPTUAL AND ARE NOT INTENDED TO DETECT EACH AND EVERY DETAIL, BUT RATHER TO SHOW THE DESIGN INTENT OF THE ENGINEER. THEY ARE NOT A COMPLETE SET OF INSTRUCTIONS ON HOW TO CONSTRUCT OR ASSEMBLE THIS BUILDING. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL THE MATERIALS AND LABORS TO FURNISH A COMPLETE BUILDING TO THE SATISFACTION OF THE ENGINEER. ALL BUILDING MATERIAL SPECIFICATIONS, PROCEDURES AND PRACTICES SHALL BE GOVERNED AND EXECUTED AS DESCRIBED IN APPROPRIATE PART OF THE ALBERTA BUILDING CODE IN ALL CASES, WHETHER EXPLICIT IN THIS SET OF DRAWINGS OR IMPLICIT.

THE IMPERIAL SCALE INDICATED ON THE REFERENCE SYMBOLS APPLY TO DRAWINGS PRINTED FULL SIZE ON 36" x 24" ARCH D SHEET SIZE. THE DESIGN SCALE DOES NOT APPLY TO REDUCTIONS OR ENLARGEMENTS OF THESE DRAWING SHEETS. ALL DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER PRIOR TO COMMENCEMENT OF WORK. DRAWINGS ARE NOT TO BE SCALED FOR MEASUREMENTS.

LEXUS ENGINEERING

UNIT #208 8716 - 48 AVENUE NW
 EDMONTON, ALBERTA, T6E 6L1
 BUS (780) 435-4544

PERMIT TO PRACTICE
 LEXUS ENGINEERING LTD

Date: 2021-03-12

PERMIT NUMBER: 11387

The Association of Professional Engineers,
 Geoscientists of Alberta

stamp / permit



No	Description	Date (MM/DD)
4	ISSUED FOR PERMIT	2021-03-11
3	ISSUED FOR PERMIT	2021-02-23
2	ISSUED FOR REVIEW	2021-01-25
1	ISSUED FOR REVIEW	2020-09-24

PROJECT TITLE
THE FOUNDRY - ONOWAY

PROJECT ADDRESS
 4904 - 50 STREET,
 ONOWAY, ALBERTA, T0E 1V0

DRAWING TITLE
LEGEND AND SYMBOLS

DRAWN

NO

CHECKED

NO

DATE

2023-05-24

PROJECT NUMBER

C395

SCALE

N.T.S.

SHEET NO

17 OF 17