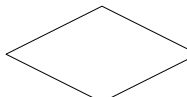
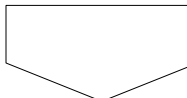
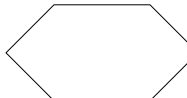
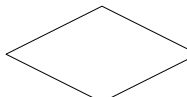
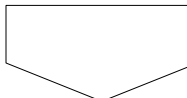
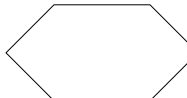
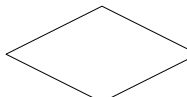
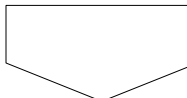
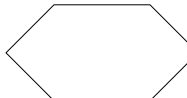


DRAWINGS
FOR
INTUITECH
PILOT MODULE ENCLOSURE E401412-2ED-0SD-1PS-HVAC-SVN

FOR
INSTALLATION

RELEASE #1

MAY 22, 2025

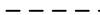
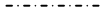
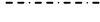
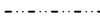
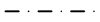
<table><tr><td colspan="4"> DEVICE SYMBOLS FIELD MOUNTED DEVICE ENCLOSURE MOUNTED DEVICE BACKPLANE MOUNTED DEVICE PROGRAMMABLE OPERATOR INTERFACE (ENCLOSURE MOUNTED) PROGRAMMABLE LOGIC CONTROLLER (BACKPLANE MOUNTED) </td><td colspan="4"> INSTRUMENTATION VARIABLE AREA FLOWMETER PADDLE WHEEL/ TURBINE FLOWMETER MAGNETIC FLOWMETER LAMINAR FLOWMETER VORTEX SHEDDING FLOWMETER THERMAL DISPERSION FLOWMETER ULTRASONIC LEVEL DEVICE OPTICAL DISTANCE TRANSMITTER FLOAT LEVEL DEVICE SIGHT LEVEL DEVICE GUIDED WAVE RADAR LEVEL DEVICE PRESSURE DEVICE CAPACITIVE LEVEL DEVICE </td><td colspan="4"> PROCESS EQUIPMENT ELECTRIC MIXER HEAT EXCHANGER HEATER STATIC MIXER PIPE WEIR WITH AIR BREAK EDUCTOR FILTER / STRAINER COALESCING FILTER ORIFICE PLATE RUPTURE DISK PRESSURE GAUGE ISOLATOR PIPE REDUCER FLOW THROUGH CELL INSPECTION LIGHT </td><td colspan="4"> PUMPS/BLOWERS BLOWER CENTRIFUGAL PUMP DIAPHRAGM PUMP FLEXIBLE IMPELLER PUMP BI-DIRECTIONAL FLEXIBLE IMPELLER PUMP PERISTALTIC PUMP PROGRESSIVE CAVITY PUMP ROTARY LOBE PUMP GEAR PUMP COMPRESSOR PROPORTIONAL, INTEGRAL & DERIVATIVE FLOW PACING SUBTRACTION PULSE WIDTH MODULATION CALCULATION SELECTION SUMMATION MULTIPLEXER TRIM SET POINT LIMITING </td><td colspan="4"> VALVES NEEDLE VALVE BUTTERFLY VALVE BALL VALVE CHECK VALVE GLOBE VALVE DIAPHRAGM VALVE GATE VALVE 3-WAY BALL VALVE 3-WAY GENERAL VALVE PLUG VALVE GENERAL VALVE AIR RELIEF VALVE VACUUM RELIEF VALVE PRESSURE / SAFETY RELIEF VALVE </td><td colspan="4"> CONTROL PHILOSOPHY SEQUENCER STEP DECISION OPERATOR INPUT PROCESS REFERENCE TO A DIFFERENT PAGE IF CONDITION IS TRUE CONTINUE PRESSURE REGULATING ACTUATOR AIR-TO-OPEN/ SPRING TO CLOSE ACTUATOR AIR-TO-OPEN/ AIR-TO-CLOSE ACTUATOR </td></tr></table>																								DEVICE SYMBOLS FIELD MOUNTED DEVICE ENCLOSURE MOUNTED DEVICE BACKPLANE MOUNTED DEVICE PROGRAMMABLE OPERATOR INTERFACE (ENCLOSURE MOUNTED) PROGRAMMABLE LOGIC CONTROLLER (BACKPLANE MOUNTED)				INSTRUMENTATION VARIABLE AREA FLOWMETER PADDLE WHEEL/ TURBINE FLOWMETER MAGNETIC FLOWMETER LAMINAR FLOWMETER VORTEX SHEDDING FLOWMETER THERMAL DISPERSION FLOWMETER ULTRASONIC LEVEL DEVICE OPTICAL DISTANCE TRANSMITTER FLOAT LEVEL DEVICE SIGHT LEVEL DEVICE GUIDED WAVE RADAR LEVEL DEVICE PRESSURE DEVICE CAPACITIVE LEVEL DEVICE				PROCESS EQUIPMENT ELECTRIC MIXER HEAT EXCHANGER HEATER STATIC MIXER PIPE WEIR WITH AIR BREAK EDUCTOR FILTER / STRAINER COALESCING FILTER ORIFICE PLATE RUPTURE DISK PRESSURE GAUGE ISOLATOR PIPE REDUCER FLOW THROUGH CELL INSPECTION LIGHT				PUMPS/BLOWERS BLOWER CENTRIFUGAL PUMP DIAPHRAGM PUMP FLEXIBLE IMPELLER PUMP BI-DIRECTIONAL FLEXIBLE IMPELLER PUMP PERISTALTIC PUMP PROGRESSIVE CAVITY PUMP ROTARY LOBE PUMP GEAR PUMP COMPRESSOR PROPORTIONAL, INTEGRAL & DERIVATIVE FLOW PACING SUBTRACTION PULSE WIDTH MODULATION CALCULATION SELECTION SUMMATION MULTIPLEXER TRIM SET POINT LIMITING				VALVES NEEDLE VALVE BUTTERFLY VALVE BALL VALVE CHECK VALVE GLOBE VALVE DIAPHRAGM VALVE GATE VALVE 3-WAY BALL VALVE 3-WAY GENERAL VALVE PLUG VALVE GENERAL VALVE AIR RELIEF VALVE VACUUM RELIEF VALVE PRESSURE / SAFETY RELIEF VALVE				CONTROL PHILOSOPHY SEQUENCER STEP DECISION OPERATOR INPUT PROCESS REFERENCE TO A DIFFERENT PAGE IF CONDITION IS TRUE CONTINUE PRESSURE REGULATING ACTUATOR AIR-TO-OPEN/ SPRING TO CLOSE ACTUATOR AIR-TO-OPEN/ AIR-TO-CLOSE ACTUATOR			
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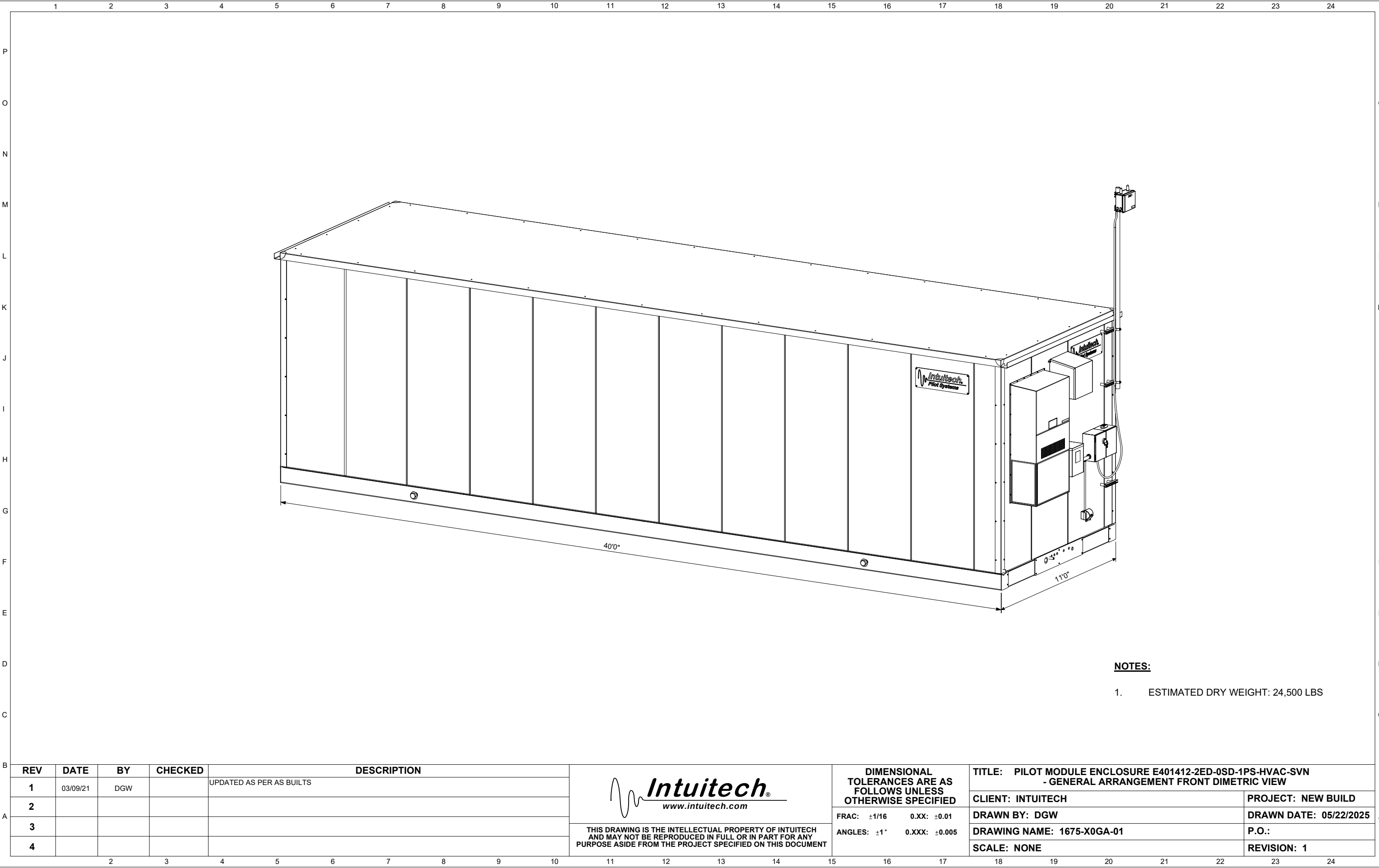
INPUT DEVICE TAG PREFIXES						
PARAMETER	ELEMENT / SENSOR	INDICATOR	TRANSMITTER		SWITCH	
			BLIND	INDICATING	HIGH	LOW
AMMONIUM	AME	AMI	AMT	AMIT	AMSH	AMSL
ANALYTICAL (UNSPECIFIED)	AE	AI	AT	AIT	ASH	ASL
CHLORINE	CHE	CHI	CHT	CHIT	CHSH	CHSL
CONDUCTIVITY	CE	CI	CT	CIT	CSH	CSL
CURRENT	CUE	CUI	CUT	CUIT	CUSH	CUSL
DISSOLVED OXYGEN	DOE	DOI	DOT	DOIT	DOSH	DOSL
FLOW RATE	FE	FI	FT	FIT	FSH	FSL
FLOW TOTALIZER	FQE	FQI	FQT	FQIT	FQSH	FQSL
HARDNESS	HE	HI	HT	HIT	HSH	HSL
HYDROGEN SULFIDE	HSE	HSI	HST	HSIT	HSSH	HSSL
LEVEL	LE	LI	LT	LIT	LSH	LSL
LOWER EXPLOSION LIMIT	LELE	LELI	LELT	LELIT	LELH	LELL
NITROGEN	NE	NI	NT	NIT	NSH	NSL
ORP	ORE	ORI	ORT	ORIT	ORSH	ORSL
OXYGEN	OXE	OXI	OXT	OXIT	OXSH	OXSL
OZONE	OZE	OZI	OZT	OZIT	OZSH	OZSL
PARTICLE	PCE	PCI	PCT	PCIT	PCSH	PCSL
PH	PHE	PHI	PHT	PHIT	PHSH	PHSL
POSITION	ZE	ZI	ZT	ZIT	ZSH	ZSL
POWER	PWE	PWI	PWT	PWIT	PWSH	PWSL
POWER TOTALIZER	PWQE	PWQI	PWQT	PWQIT	PWQSH	PWQSL
PRESSURE	PE	PI	PT	PIT	PSH	PSL
PRESSURE DIFFERENTIAL	PDE	PDI	PDT	PDIT	PDSH	PDSL
RESISTIVITY	RE	RI	RT	RIT	RSH	RSL
RELATIVE HUMIDITY	RHE	RHI	RHT	RHIT	RHSH	RHSL
SPEED	SE	SI	ST	SIT	SSH	SSL
STREAMING CURRENT	SCE	SCI	SCT	SCIT	SCSH	SCSL
SUSPENDED SOLIDS	SSE	SSI	SST	SSIT	SSSH	SSSL
TEMPERATURE	TE	TI	TT	TIT	TSH	TSL
TIME TOTALIZER	TQE	TQI	TQT	TQIT	TQSH	TQSL
TOTAL ORGANIC CARBON	TCE	TCI	TCT	TCIT	TCSH	TCSL
TURBIDITY	TUE	TUI	TUT	TUIT	TUSH	TUSL
UV ABSORPTION OR TRANSMITTANCE	UVE	UVI	UVT	UVIT	UVSH	UVSL
VOLTAGE	VE	VI	VT	VIT	VSH	VSL
WEIGHT / FORCE	WE	WI	WT	WIT	WSH	WSL

ALARM DEVICE TAG PREFIXES		
PARAMETER	HIGH	LOW
AMMONIUM	AMAH	AMAL
ANALYTICAL (UNSPECIFIED)	AAH	AAL
CHLORINE	CHAH	CHAL
CONDUCTIVITY	CAH	CAL
CURRENT	CUAH	CUAL
DISSOLVED OXYGEN	DOAH	DOAL
FLOW RATE	FAH	FAL
FLOW TOTALIZER	FQAH	FQAL
HARDNESS	HAH	HAL
HYDROGEN SULFIDE	HAH	HAL
LEVEL	LAH	LAL
LOWER EXPLOSION LIMIT	LELH	LELL
NITROGEN	NAH	NAL
OXYGEN	OXAH	OXAL
OZONE	OZAH	OZAL
PARTICLE	PCAH	PCAL
PH	PAH	PHAL
POWER	PWAH	PWAL
POWER TOTALIZER	PWQAH	PWQAL
PRESSURE	PAH	PAL
PRESSURE DIFFERENTIAL	PDH	PDAL
RESISTIVITY	RAH	RAL
RELATIVE HUMIDITY	RHAH	RHAL
SPEED	SAH	SAL
STREAMING CURRENT	SCAH	SCAL
SUSPENDED SOLIDS	SSAH	SSAL
TEMPERATURE	TAH	TAL
TIME TOTALIZER	TQAH	TQAL
TOTAL ORGANIC CARBON	TCAH	TCAL
TURBIDITY	TUAH	TUAL
UV ABSORPTION	UVAH	UVAL
VOLTAGE	VAH	VAL
WEIGHT / FORCE	WAH	WAL

OUTPUT DEVICE TAG PREFIXES	
DESCRIPTION	TAG
CHECK VALVE	CV
DISCRETE VALVE (OPEN/CLOSED)	DV
INJECTION VALVE	IV
PILOT VALVE	YV
PRESSURE REGULATOR	PR
PROPORTIONAL VALVE (MODULATING)	PV
RELIEF VALVE	RV
SAMPLE VALVE	SV

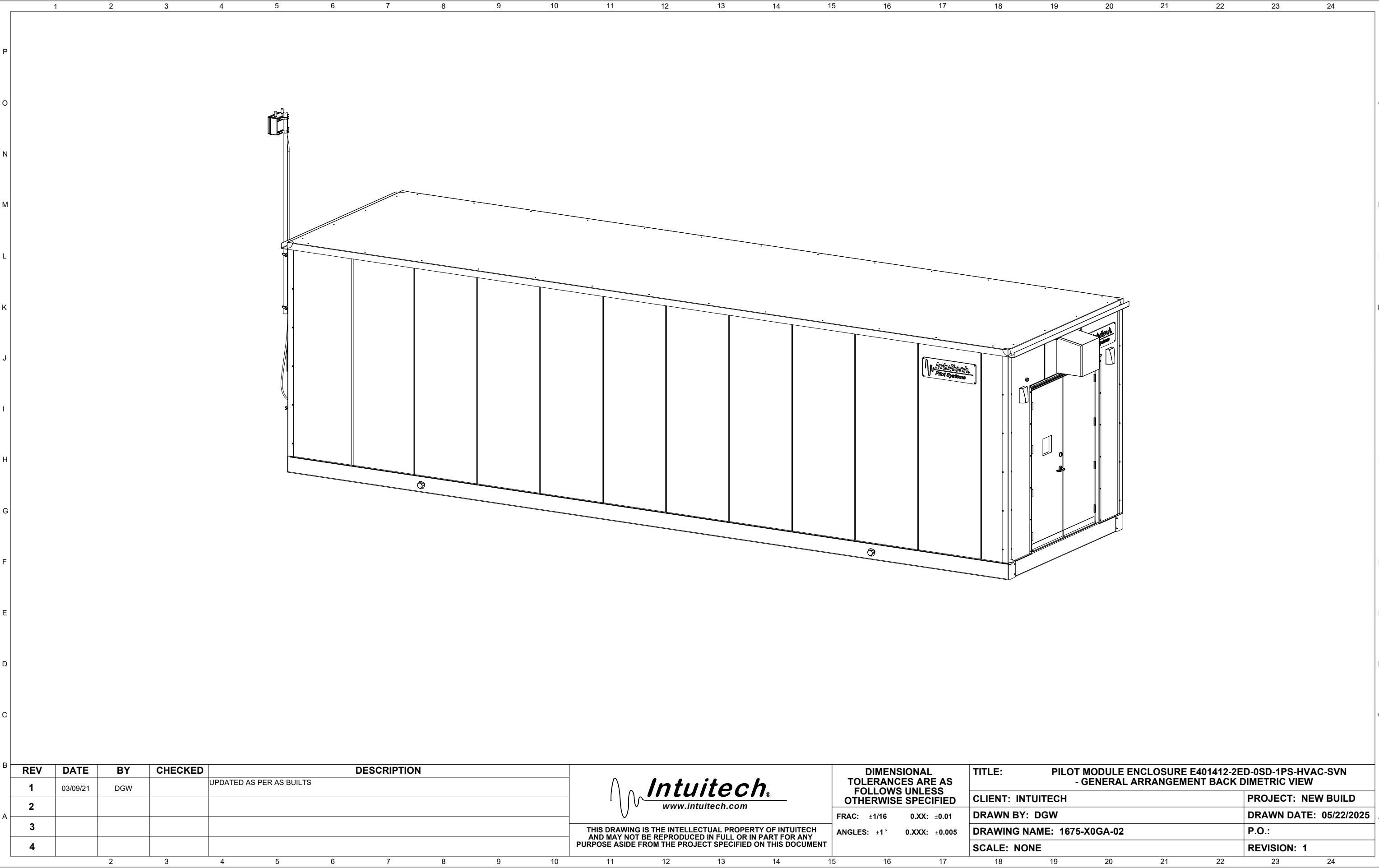
CONTROL DEVICE TAG PREFIXES	
DESCRIPTION	TAG
FLOW CONTROLLER	FC
FLOW INDICATING CONTROLLER	FIC
PRESSURE CONTROLLER	PC
PRESSURE INDICATING CONTROLLER	PIC
SPEED CONTROLLER	SC
SPEED INDICATING CONTROLLER (VFD)	SIC
TEMPERATURE CONTROLLER	TC
TEMPERATURE INDICATING CONTROLLER	TIC

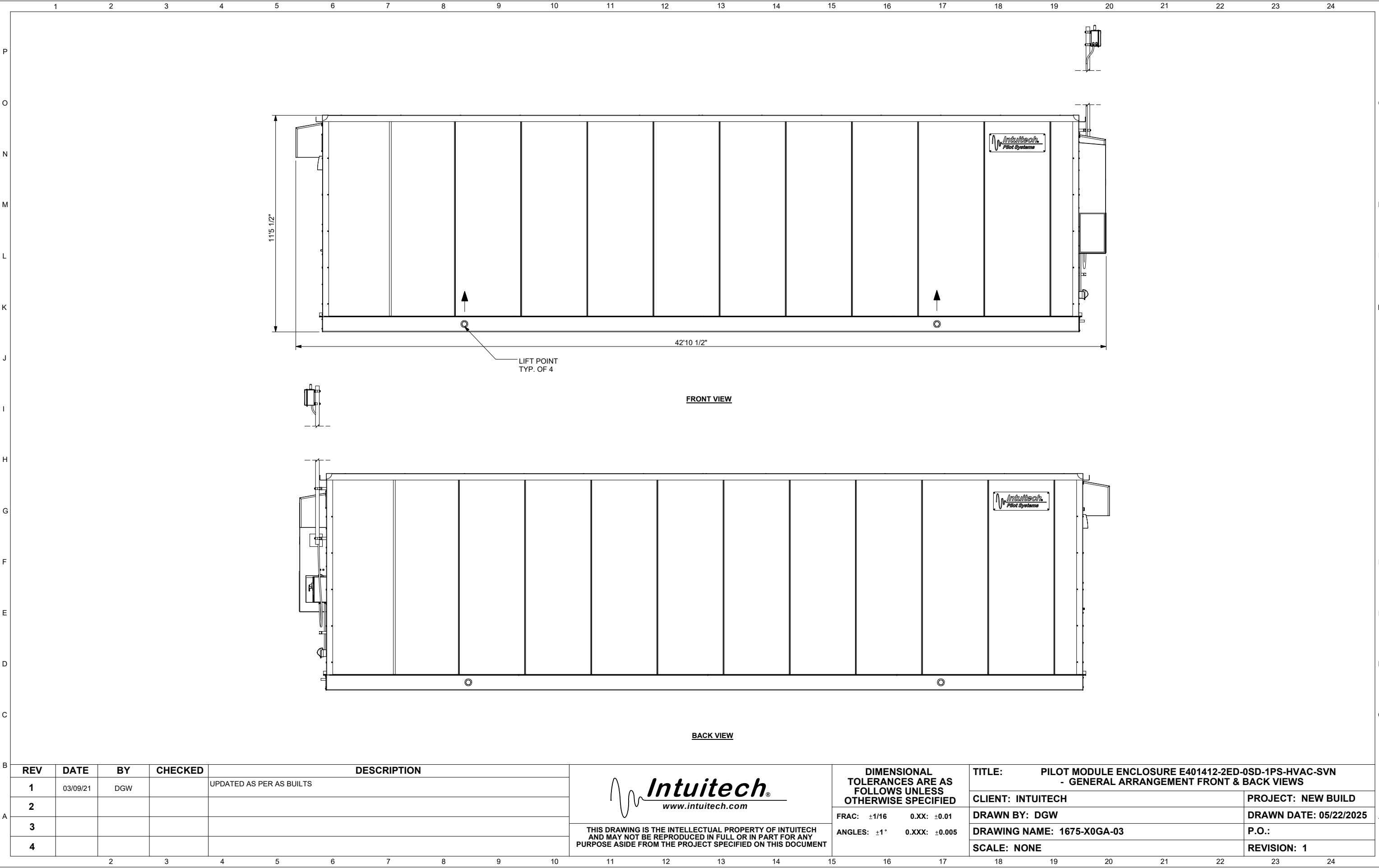
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P	ELECTRICAL																							P							
O		WIRING PROVIDED BY OTHERS				RESISTOR																		O							
N		INTERNAL WIRING OR COMPONENTS				VARISTOR																		N							
M		NON-WIRE JUMPERS				CAPACITOR																		M							
L		STRANDED COPPER WIRE				HAND-OFF-AUTO SWITCH																		L							
K		TWISTED PAIR CABLE WITH SHIELD & DRAIN				TWO POSITION SWITCH																		K							
J		MOLDED CABLE				FLOW SWITCH																		J							
I		SPECIAL CABLE				LIQUID LEVEL SWITCH																		I							
H		INTEGRAL CABLE				TEMPERATURE SWITCH																		H							
G		CAT5E CABLE				NORMALLY OPEN PUSH-BUTTON																		G							
F		PANEL				NORMALLY CLOSED PUSH-BUTTON																		F							
E		PANEL BOUNDARY				LINE REACTOR																		E							
D		DEVICE AND COMPONENT BOUNDARIES				SIGNAL POLE SWITCH																		D							
C		VARIABLE FREQUENCY DRIVE				PRESSURE SWITCH																		C							
B		SEAL-OFF CONNECTOR				WIRELESS LINK																		B							
A		SURGE PROTECTION DEVICE																						A							
		LOAD																													
		MOTOR																													
		TRANSFORMER																													
		SHIELD																													
		PLUG CONNECTOR																													
		INLINE CONNECTOR (SPlice, WIRE NUT, ETC)																													
		GROUND																													
		TERMINAL																													
		COIL																													
		LIGHT WITH COLOR																													
		CIRCUIT BREAKER																													
		FUSE																													
		NORMALLY OPEN CONTACT																													
		NORMALLY CLOSED CONTACT																													
		OVERLOAD RELAY																													
	REV	DATE	BY	DESCRIPTION						 www.intuitech.com					DIMENSIONAL TOLERANCES ARE AS FOLLOWS, UNLESS OTHERWISE SPECIFIED		TITLE: ELECTRICAL SYMBOL LEGEND														
	1																CLIENT:				PROJECT:										
	2																DRAWN BY:				DRAWN DATE:										
	3																DRAWING NAME: 0000-XXRL-03.VSD				P.O.:										
	4									THIS DRAWING IS THE INTELLECTUAL PROPERTY OF INTUITECH AND MAY NOT BE REPRODUCED IN FULL OR IN PART FOR ANY PURPOSE ASIDE FROM THE PROJECT AS SPECIFIED ON THIS DOCUMENT							SCALE: NONE				REVISION: 0										
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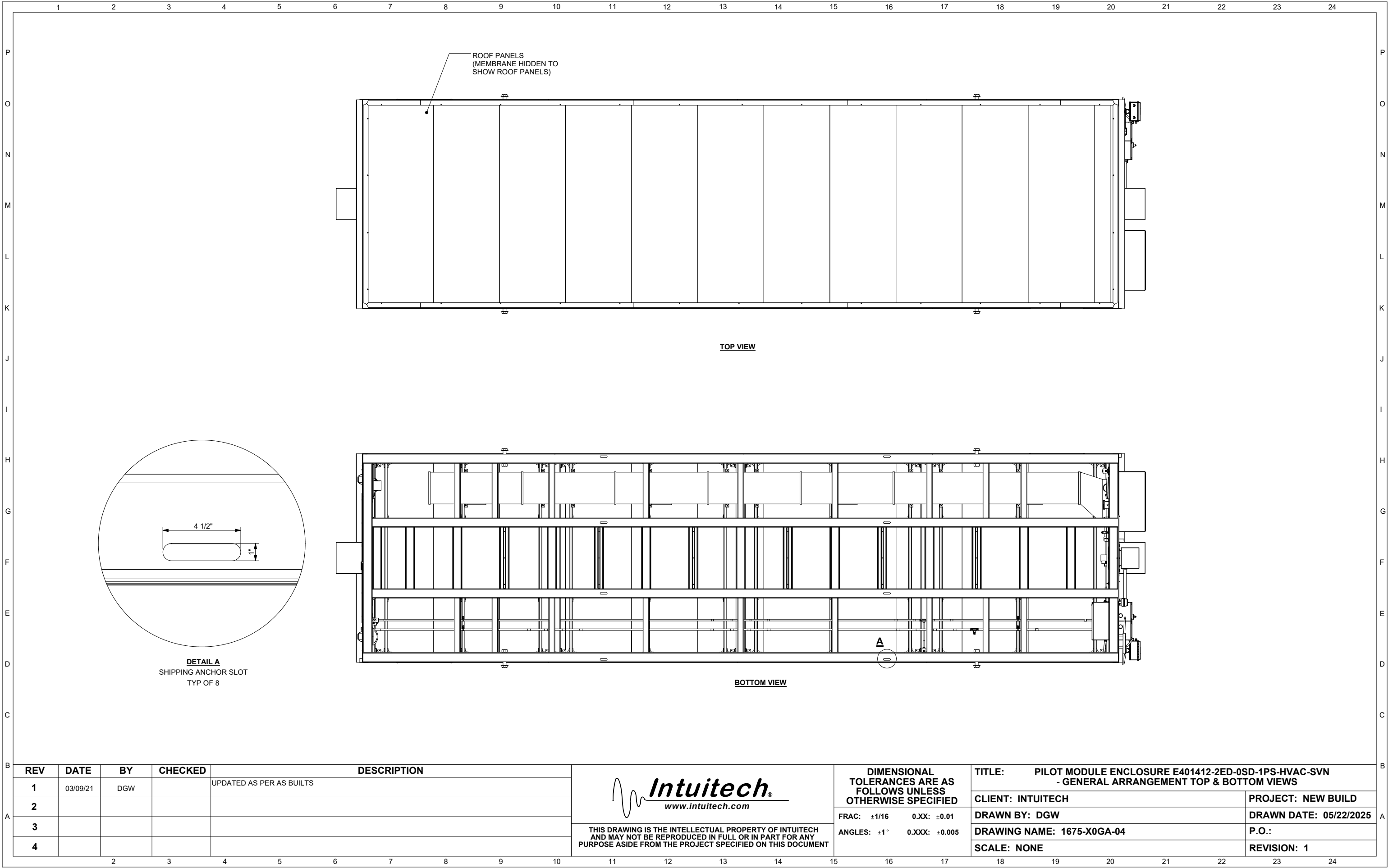


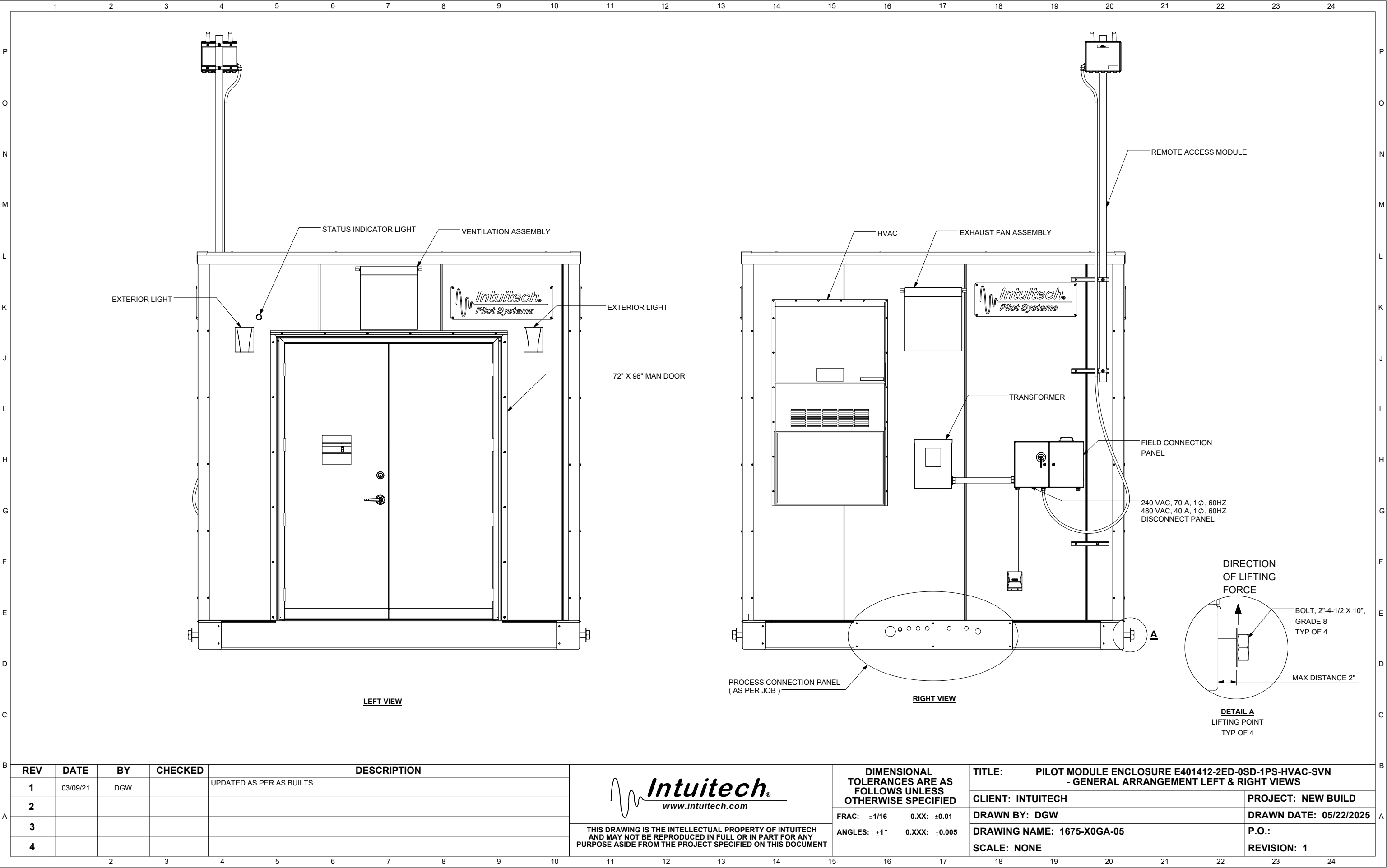
- NOTES:**
- 1. ESTIMATED DRY WEIGHT: 24,500 LBS

A	REV	DATE	BY	CHECKED	DESCRIPTION	 Intuitech® www.intuitech.com THIS DRAWING IS THE INTELLECTUAL PROPERTY OF INTUITECH AND MAY NOT BE REPRODUCED IN FULL OR IN PART FOR ANY PURPOSE ASIDE FROM THE PROJECT SPECIFIED ON THIS DOCUMENT	DIMENSIONAL TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED		TITLE: PILOT MODULE ENCLOSURE E401412-2ED-0SD-1PS-HVAC-SVN - GENERAL ARRANGEMENT FRONT DIMETRIC VIEW			
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	2								DRAWN BY: DGW		DRAWN DATE: 05/22/2025	
	3								DRAWING NAME: 1675-X0GA-01		P.O.:	
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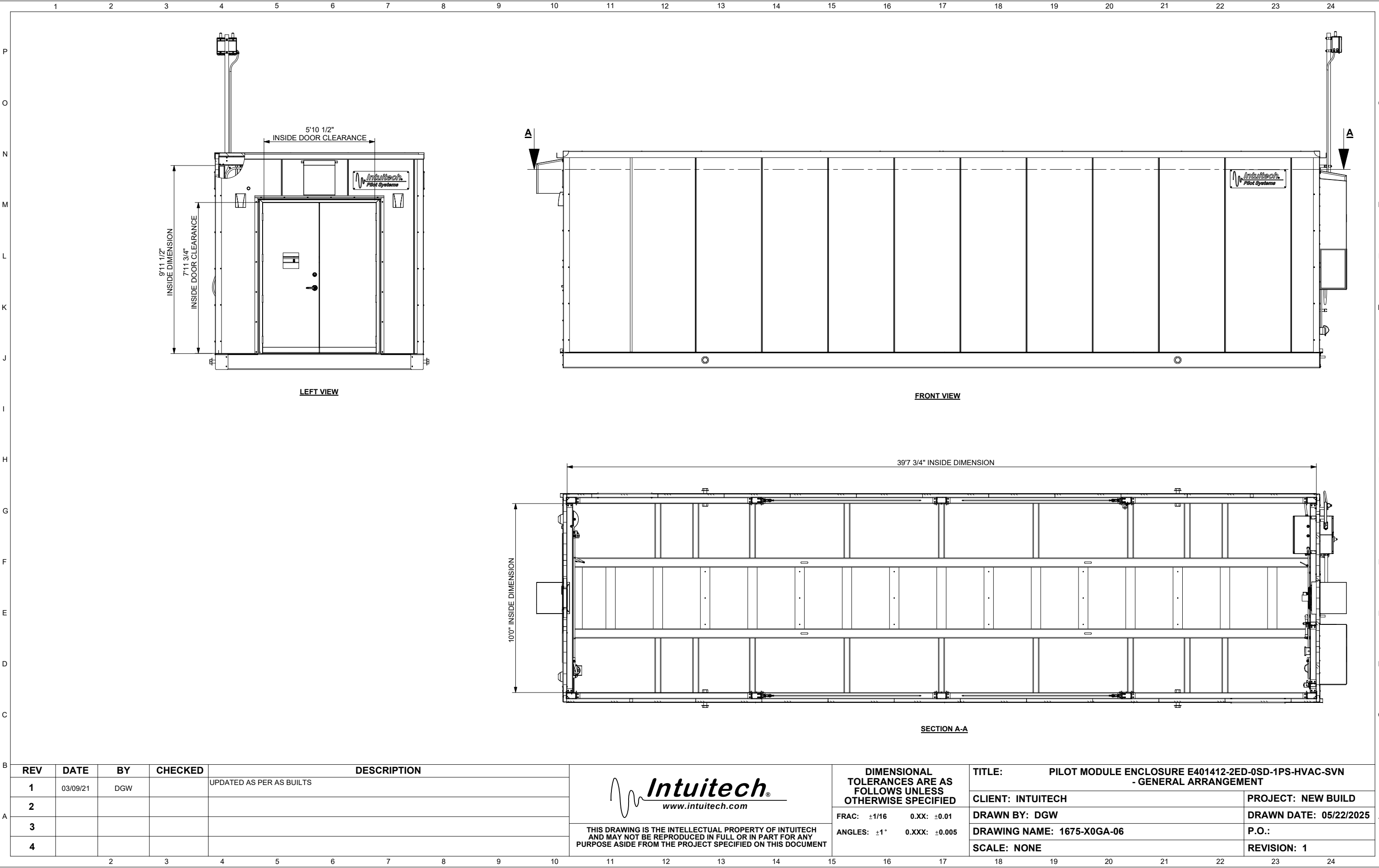
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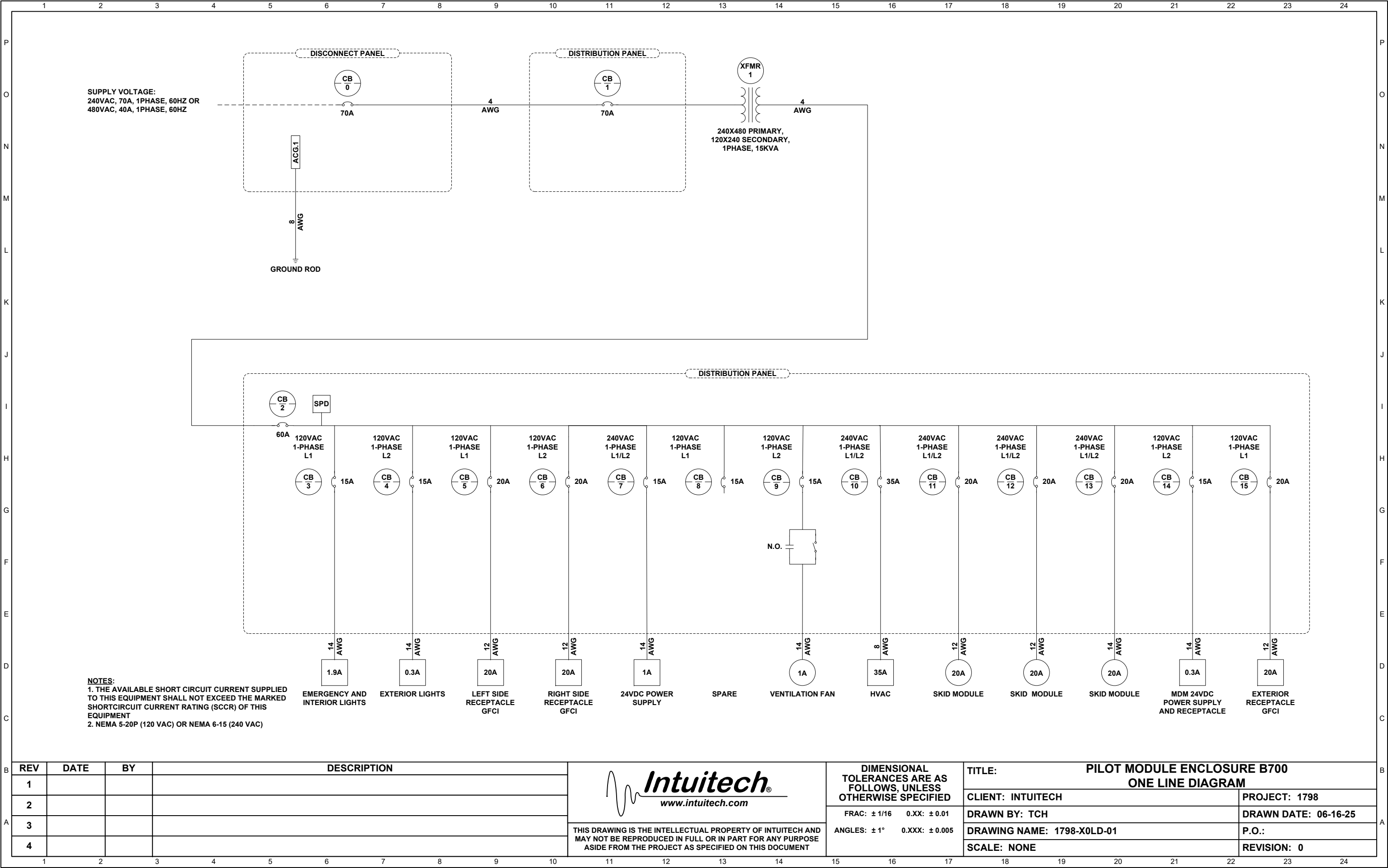


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DIMENSIONAL TOLERANCES ARE AS FOLLOWS UNLESS OTHERWISE SPECIFIED		TITLE: PILOT MODULE ENCLOSURE E401412-2ED-0SD-1PS-HVAC-SVN - GENERAL ARRANGEMENT LEFT & RIGHT VIEWS	
FRAC: $\pm 1/16$	0.XX: ± 0.01	CLIENT: INTUITECH	PROJECT: NEW BUILD
ANGLES: $\pm 1^\circ$	0.XXX: ± 0.005	DRAWN BY: DGW	DRAWN DATE: 05/22/2025
		DRAWING NAME: 1675-X0GA-05	P.O.:
		SCALE: NONE	REVISION: 1





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