

PROJECT NAME:
ABC Properties
 XYZ Mall

WIRE COLOR CODING DIAGRAM		
	DIGITAL OUTPUT	18 AWG
	DIGITAL OUTPUT COMMON	18 AWG
	ANALOG OUTPUT	18 AWG
	ANALOG OUTPUT COMMON	18 AWG
	DIGITAL INPUT	18 AWG
	DIGITAL INPUT COMMON	18 AWG
	UNIVERSAL INPUT	18 AWG
	UNIVERSAL INPUT COMMON	18 AWG
	+24V	18 AWG
	-24V	18 AWG
	SA-BUS	22-4 AWG
	COMMUNICATION	
	LON	22-2 AWG
	FIELD WIRE	
	L1	12 AWG
	N	12 AWG
	GND	12 AWG

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Typical Abbreviations			
CO2	= CARBON DIOXIDE	OA	= OUTSIDE AIR
CHWR	= CHILLED WATER RETURN	OAD	= OUTSIDE AIR DAMPER
CHWRT	= CHILLED WATER RETURN TEMP.	OAT	= OUTSIDE AIR TEMP.
CHWS	= CHILLED WATER SUPPLY	RA	= RETURN AIR
CHWST	= CHILLED WATER SUPPLY TEMP.	RAD	= RETURN AIR DAMPER
CHWV	= CHILLED WATER VALVE	RAT	= RETURN AIR TEMP.
CS	= CURRENT SENSOR	RIB	= RELAY IN A BOX
DAT	= DISCHARGE AIR TEMP.	SA	= SUPPLY AIR
EF	= EXHAUST FAN	SASD	= SUPPLY AIR SMOKE DETECTOR
HWR	= HOT WATER RETURN	SF	= SUPPLY FAN
HWRT	= HOT WATER RETURN TEMP.	VFD	= VARIABLE FREQUENCY DRIVE
HWS	= HOT WATER SUPPLY	WMS	= WALL MODULE SENSOR
HWST	= HOT WATER SUPPLY TEMP.	XFR	= TRANSFORMER
HWV	= HOT WATER VALVE		

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A.A.R.	REVISION 2	10/17/14
A.A.R.	REVISION 3	10/21/14

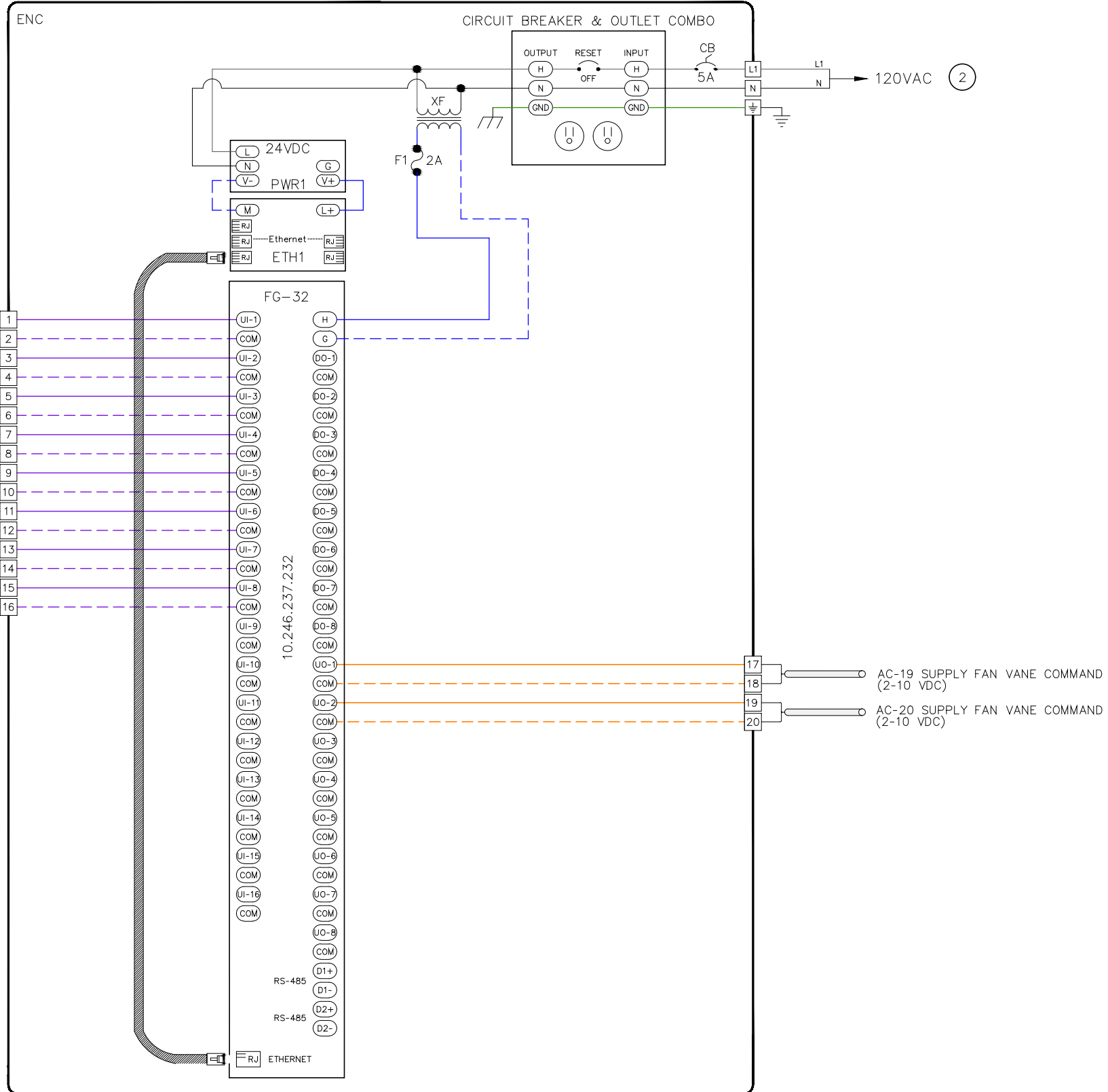
Drawing Revisions:		
NAME	DESCRIPTION	DATE
J.J.S.	REVISION 1	8/8/13
P.K.Y.	REVISION 2	10/17/14
A.E.G.	REVISION 3	10/21/14

PROJECT NO:	12-1316008
DATE:	7/17/13
DRAWN BY:	J.J.S.
UL PANEL NUMBER:	
UL STICKER APPLIED BY:	
DATE STICKER APPLIED:	
SHEET NO.	1 OF 3

Sheet Notes

- ① CONTROL PANEL FABRICATED BY XYZ
800-800-7126.
- ② LINE VOLTAGE & CONDUIT BY ELECTRICAL.

- AC-19 SUPPLY AIR STATIC PRESSURE
(2V = 0" w.c. , 10V = 5" w.c.)
- AC-19 SUPPLY AIR FAN 1 CURRENT
(2V = 0 A , 10V = 85A)
- AC-19 SUPPLY AIR FAN 2 CURRENT
(2V = 0 A , 10V = 85A)
- AC-20 SUPPLY AIR STATIC PRESSURE
(2V = 0" w.c. , 10V = 5" w.c.)
- AC-20 SUPPLY AIR FAN 1 CURRENT
(2V = 0 A , 10V = 85A)
- AC-20 SUPPLY AIR FAN 2 CURRENT
(2V = 0 A , 10V = 85A)
- SOUTH EAST SUPPLY AIR STATIC SP-3
(2V = 0" w.c. , 10V = 5" w.c.)
- SOUTH EAST SUPPLY AIR STATIC SP-4
(2V = 0" w.c. , 10V = 5" w.c.)



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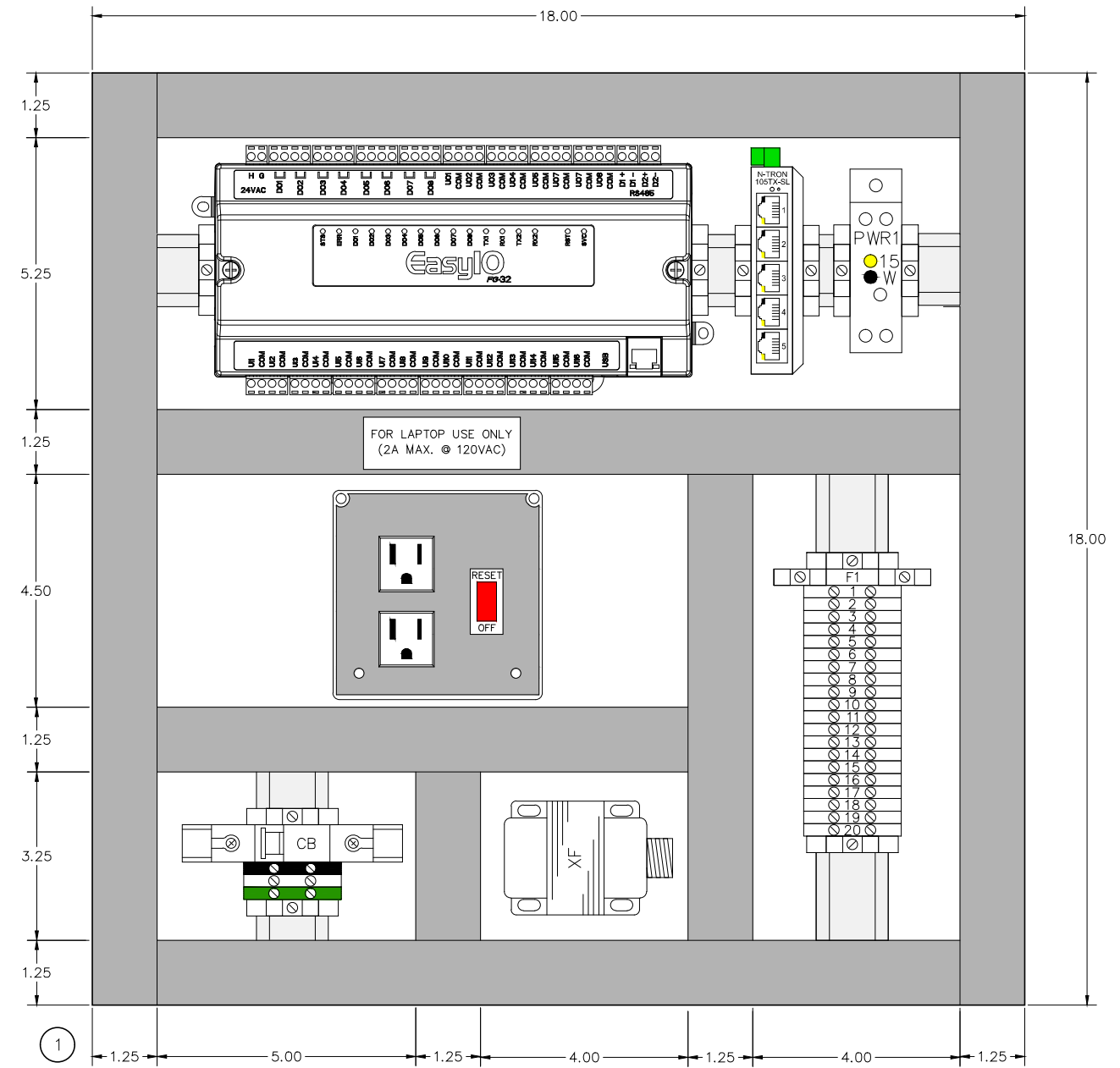
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Control Panel Components

TAG	QTY	PART NUMBER	MANUFACTURER	DESCRIPTION
FG-32	1	FG-32	EASYIO	INPUT/OUTPUT MODULE
CB-1	1	60106	SCHNEIDER ELECTRIC	5-AMP CIRCUIT BREAKER
CB-2	1	PSPT2RB4	FUNCTIONAL DEVICES	CIRCUIT BREAKER & OUTLET COMBO
F1	1	NSYTRV42SF5	SCHNEIDER ELECTRIC	FUSE BLOCK
F1	2	BUSS-GMA-2A	BUSSMANN	2-AMP FUSE
XF	1	TR50VA001	FUNCTIONAL DEVICES	120V TO 24V 50VA TRANSFORMER
	10	NSYTRAABV35	SCHNEIDER ELECTRIC	END CLAMP
	1	NSYTRAC22	SCHNEIDER ELECTRIC	END BARRIER
	1	NSYTRAB6L1N	SCHNEIDER ELECTRIC	L1 TERMINAL MARKER
	1	AB1RT	SCHNEIDER ELECTRIC	GND TERMINAL MARKER
	1	NSYTRABPV6	SCHNEIDER ELECTRIC	BLANK TERMINAL MARKER STRIP
	1	NSYTRAB610	SCHNEIDER ELECTRIC	TERMINAL MARKER STRIP 1-10
	1	NSYTRAB620	SCHNEIDER ELECTRIC	TERMINAL MARKER STRIP 11-20
	1	NSYTRAB630	SCHNEIDER ELECTRIC	TERMINAL MARKER STRIP 21-30
	1	NSYTRAB640	SCHNEIDER ELECTRIC	TERMINAL MARKER STRIP 31-40
	1	NSYTRV42WH	SCHNEIDER ELECTRIC	TERMINAL BLOCK - WHITE
	1	NSYTRV42BK	SCHNEIDER ELECTRIC	TERMINAL BLOCK - BLACK
	1	NSYTRV42GN	SCHNEIDER ELECTRIC	TERMINAL BLOCK - GREEN
	20	NSYTRV42	SCHNEIDER ELECTRIC	TERMINAL BLOCK - GRAY
ENC	1	20N2006LP	SAGINAW	ENCLOSURE NEMA-1 24"h x 20"w x 6"d
	1	20N20MP	SAGINAW	FLAT SUBPANEL
	1	DLKLDB	SAGINAW	KEYLOCKING DOOR LATCH
	1	BNDN1000	IDEC	35mm DIN RAIL (1M LONG)
	2	G1X2LG6	HOFFMAN	WIRE DUCT (6' SECTION)
	2	C1LG6	HOFFMAN	WIRE DUCT COVER (6' SECTION)
	4	10165506	ENTRELEC	STAND OFF BRACKET

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