A.F.C. or AFC AVAILABLE FAULT CURRENT AF/AT AMP FRAME, AMP TRIP			HEATING, VENTILATING A		~
AHJ AUTHORITY HAVING JURISDI	ICTION	H.,W.,D.,L. HID HP	HEIGHT, WIDTH, DEPTH, HIGH INTENSITY DISCHA HORSEPOWER		% PH. P
AS/AF AMP SWITCH, AMP FUSE ATS AUTOMATIC TRANSFER SWIT	СН	HPS IN. or "	HIGH PRESSURE SODIU	IM	Ρ.
AVG AVERAGE BJ BONDING JUMPER BDF BUILDING DISTRIBUTION FR/		I/G IBC I.D.C.S.	ISOLATED GROUND INTERNATIONAL BUILDIN INTEGRATED DIMMING C	G CODE	F P PI PRIN
BR BRANCH BLDG BUILDING		IDF JBOX	INTERMEDIATE DISTRIBU		PRO F
BR BRANCH BLDG BUILDING CBC CALIFORNIA BUILDING CODE CEC CALIFORNIA ELECTRICAL CO CIRC., CKT. CIRCUIT	E DDE	K KCMIL KVA	DEGREE KELVIN THOUSAND CIRCULAR N	<i>I</i> ILS	P (f
CIRC., CKT. CIRCUIT CB CIRCUIT BREAKER CSFD COMBINATION SMOKE FIRE		KVA KW KWH	KILOVOLT AMPERES KILOWATT KILOWATT HOUR		REC, F RI
C CONDUIT C.O. CONDUIT ONLY, COMPLETE	WITH	LCL LF, L.F.	LONG CONTINUOUS LO/ LINEAR FEET	AD	R( R)
PULLSTRING CONN CONNECTED CPT CONTROL POWER TRANSFOL CLCB CURRENT LIMITING CIRCUIT CLF CURRENT LIMITING FUSE CT CURRENT TRANSFORMER	RMER	LTG, LTS LPS MAX.	LIGHTING LOW PRESSURE SODIUI MAXIMUM	М	SC SC
CLCB CURRENT LIMITING CIRCUIT CLF CURRENT LIMITING FUSE	BREAKER	MBJ MDF	MAIN BONDING JUMPER MAIN DISTRIBUTION FRA		SI SECOI
(D) EXISTING DEVICE TO BE DE	EMOLISHED	MCB	MAXIMUM OVERCURREN MAIN CIRCUIT BREAKER		SMA
DAS DISTRIBUTED ANTENNA SYS DIA DIAMETER DISC DISCONNECT	JEM	MLO M.C. M	MAIN LUGS ONLY MECHANICAL CONTRACT METER	OR	S SS SI T
DIST DISTRIBUTION D.P.C.S. DIMMING PANEL CONTROL	STATION	M/M MV	METER MAIN MERCURY VAPOR		T TEL
E.C. ELECTRICAL CONTRACTOR EMS ENERGY MANAGEMENT CON EMT ELECTRICAL METALLIC TUBI		MH MIN. MCA	METAL HALIDE MINIMUM MINIMUM CIRCUIT AMPS	5	T.V.
ENT ELECTRICAL NON-METALLIC EWC ELECTRIC WATER COOLER		MCC MCM	MOTOR CONTROL CENT THOUSAND CIRCULAR M	ER /ILS	T U.G.
E.P.O. EMERGENCY POWER OFF E-O-L END-OF-LINE CIRCUIT TER EF EXHAUST FAN	RMINATOR	MCP MFR. MTD	MOTOR CIRCUIT PROTE MANUFACTURER MOUNTED	CIOR	U.C U.P.S. V/
C or EG or E/G EQUIPMENT GROUND (GREE (E) EXISTING DEVICE TO REMAI		MW NATS	MICROWAVE NON AUTOMATIC DISCO		v v
ÉP EXPLOSION PROOF (ER) EXISTING DEVICE TO BE RE FT or ' FEET	ELOCATED	NEC NEMA	NATIONAL ELECTRICAL NATIONAL ELECTRICAL MANUFACTURER'S ASSO		V W
FA or F.A. FIRE ALARM FLA FULL LOAD AMPS GRD GROUND		NC	NORMALLY CLOSED		XF
FIRE ALARM OR CENTRAL MONITORING SYST			olds. AC $2$ $3$ $E-1$ $2$ $4$ $4$ $4$	PANEL CALLOUT, "A" MECHANICAL EQUIPM INDICATES UNIT NUM LOCATION AND ELEC DETAIL CALLOUT, "3' NUMBER. PLAN NOTE REFERENCE REVISION REFERENCE WYE CONFIGURATION	IENT CALLOU IBER. REFEI TRICAL REQU " INDICATES NCE, REFER E.
	INSTALLED PER THE D FOLLOWING COMPONEN DISPLACEMENT REQUIR 1617A.1.26 AND ASCE A. ALL PERMANEN B. TEMPORARY OR WIRED) TO THE "PERMANENTLY FOR 110/220V C. TEMPORARY, MU HAS A CENTER	DETAILS ON THE NTS SHALL BE EMENTS PRESC 7-16, CHAPT T EQUIPMENT / MOVABLE EQU BUILDING UTII ATTACHED" SH RECEPTACLES OVABLE OR MC OF MASS LOC		RUCTION DOCUMENTS TO MEET THE FORCE C, SECTIONS 1617A.1 NENTLY ATTACHED (EC ELECTRICITY, GAS OF RICAL CONNECTIONS BLE. IS HEAVIER THAN 40 ABOVE THE ADJACEN	. THE AND 1.18 THROUG G. HARD R WATER. EXCEPT PLUG O POUNDS ( IT FLOOR OR
	IN A MANNER A THE FOLLOWING MECH THE STRUCTURE BUT NOTED ABOVE. THESE	APPROVED BY IANICAL AND EI NEED NOT DEN COMPONENTS	THE DSA. LECTRICAL COMPONENTS MONSTRATE DESIGN COM SHALL HAVE FLEXIBLE C	SHALL BE POSITIVEL PLIANCE WITH THE RE ONNECTIONS PROVIDE	Y ATTACHED EFERENCES ED BETWEEN
	MUST ALLOW MOVEMEI A. COMPONENTS V LOCATED 4 FEE	NT IN BOTH TR VEIGHING LESS ET OR LESS AE	DUCTWORK, PIPING, AND ANSVERSE AND LONGITU THAN 400 POUNDS ANE BOVE THE ADJACENT FLO	DINAL DIRECTIONS:	OF MASS
	SUPPORT THE B. COMPONENTS V	COMPONENT. VEIGHING LESS THAN 5 POUT	THAN 20 POUNDS, OR NDS PER FOOT, WHICH A	IN THE CASE OF DIS	TRIBUTED
	THE ANCHORAGE OF A SUBJECT TO THE APP	ALL MECHANICA ROVAL OF THE	L, ELECTRICAL AND PLUI DESIGN PROFESSIONAL	IN GENERAL RESPON	SIBLE CHARG
		THAT ALL C	ED RESPONSIBILITY AND OMPONENTS AND EQUIPN JIREMENTS.		
	WITH THE FORCES AN	SYSTEM B ID ELECTRICAL D DISPLACEMEN DN 13.6.5, 13.1		E 7-16 SECTION 13.	.3 AS DEFINE
		ARE AS NOTED	AND ATTACHMENTS TO T D BELOW. WHEN BRACING UIDE (E.G. OSHPD OPM ON GUIDE OR MANUAL S	G AND ATTACHMENTS FOR 2013 CBC OR SHALL BE AVAILABLE	ARE BASED LATER), COP
	ON A PREAPPROVED I OF THE BRACING SYS JOBSITE PRIOR TO TH DISTRIBUTION SYSTEMS	E START OF A S. THE STRUCT	ND DURING THE HANGING URAL ENGINEER OF REC	ORD SHALL VERIFY TH	ΓHE
	ON A PREAPPROVED I OF THE BRACING SYS JOBSITE PRIOR TO TH DISTRIBUTION SYSTEMS OF THE STRUCTURE T	E START OF A 5. THE STRUCT 0 SUPPORT TH	ND DURING THE HANGING URAL ENGINEER OF REC IE HANGER AND BRACE	ORD SHALL VERIFY TI LOADS.	THE HE ADEQUAC
	ON A PREAPPROVED I OF THE BRACING SYS JOBSITE PRIOR TO TH DISTRIBUTION SYSTEMS OF THE STRUCTURE T MECHANICAL PIPING (I DISTRIBUTION SYSTEMS	E START OF A 5. THE STRUCT O SUPPORT TH MP), MECHANIC 5 (E): E□ OPTION 1	ND DURING THE HANGING URAL ENGINEER OF RECO IE HANGER AND BRACE AL DUCTS (MD), PLUMBI I: DETAILED ON THE APF	ORD SHALL VERIFY TI LOADS. NG PIPING (PP), ELE	THE HE ADEQUAC CCTRICAL
	ON A PREAPPROVED I OF THE BRACING SYS JOBSITE PRIOR TO TH DISTRIBUTION SYSTEMS OF THE STRUCTURE T MECHANICAL PIPING (I DISTRIBUTION SYSTEMS MP MD PP	E START OF A 5. THE STRUCT O SUPPORT TH MP), MECHANIC 5 (E): E OPTION 1 SPECIFIC	ND DURING THE HANGING URAL ENGINEER OF REC IE HANGER AND BRACE AL DUCTS (MD), PLUMBI	ORD SHALL VERIFY TI LOADS. NG PIPING (PP), ELE PROVED DRAWINGS WI	THE HE ADEQUAC CTRICAL TH PROJECT
	ON A PREAPPROVED I OF THE BRACING SYS JOBSITE PRIOR TO TH DISTRIBUTION SYSTEMS OF THE STRUCTURE T MECHANICAL PIPING (I DISTRIBUTION SYSTEMS MP MD PP	E START OF A 5. THE STRUCT O SUPPORT TH MP), MECHANIC 5 (E): E OPTION 1 SPECIFIC E OPTION 2	ND DURING THE HANGING URAL ENGINEER OF RECO IE HANGER AND BRACE AL DUCTS (MD), PLUMBI I: DETAILED ON THE APF NOTES AND DETAILS.	ORD SHALL VERIFY TI LOADS. NG PIPING (PP), ELE PROVED DRAWINGS WI THE APPLICABLE OSH	THE ADEQ HE ADEQ CCTRICAL TH PROJ

ABBREVIATIONS

4S/DP

A.F.F

A.F.G.

AWG

AMP, A

4" SQUARE BY 2-1/8" DEEP BOX

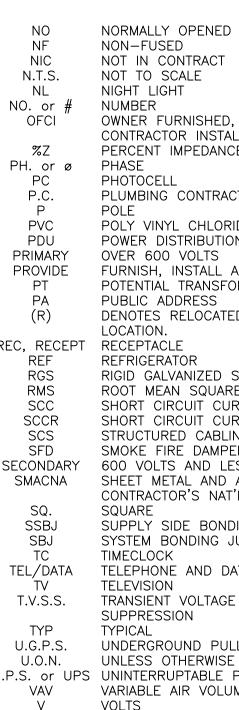
AMERICAN WITH DISABILITIES ACT

ABOVE FINISH FLOOR

ABOVE FINISH GRADE

AMPERE

AMERICAN WIRE GAUGE



VA

VD

WP

XFMR

W

GROUND FAULT CIRCUIT INTERRUPTER

GROUND FAULT PROTECTION

HEATING AIR CONDITIONING

GE or GEC GROUNDING ELECTRODE CONDUCTOR

REFRIGERATION

HAND-OFF-AUTO

GFCI

HACR

HOA

GEP

NOT IN CONTRACT NOT TO SCALE NIGHT LIGHT NUMBER OWNER FURNISHED, CONTRACTOR INSTALLED PERCENT IMPEDANCE PHOTOCELL PLUMBING CONTRACTOR POLE POLY VINYL CHLORIDE POWER DISTRIBUTION UNIT

OVER 600 VOLTS FURNISH, INSTALL AND CONNECT POTENTIAL TRANSFORMER PUBLIC ADDRESS DENOTES RELOCATED DEVICE LOCATION. REFRIGERATOR

RIGID GALVANIZED STEEL ROOT MEAN SQUARE SHORT CIRCUIT CURRENT SHORT CIRCUIT CURRENT RATING STRUCTURED CABLING SYSTEM

VOLTAGE DROP WEATHERPROOF WIRE TRANSFORMER

ATES PANELBOARD OR EQUIPMENT DESIGNATION. LLOUT, "AC" INDICATES UNIT TYPE AND "2" REFER TO MECHANICAL DRAWINGS FOR EXACT REQUIREMENTS.

ATES DETAIL NUMBER "E-1" INDICATES SHEET

EFER TO NOTES ON SHEET, OR AS DIRECTED.

DELTA CONFIGURATION

ROUGH

TRAINED

CHED TO CFS

ΒE CHARGE

7A.1.24,

4SED

QUACY

SMOKE FIRE DAMPER SECONDARY 600 VOLTS AND LESS SHEET METAL AND AIR COND. CONTRACTOR'S NAT'L ASSOC. SQUARE SUPPLY SIDE BONDING JUMPER SYSTEM BONDING JUMPER TIMECLOCK TELEPHONE AND DATA TELEVISION TRANSIENT VOLTAGE SURGE SUPPRESSION

VOLT AMPERES

TYPICAL UNDERGROUND PULL SECTION

UNLESS OTHERWISE NOTED P.S. or UPS UNINTERRUPTABLE POWER SYSTEM VARIABLE AIR VOLUME VOLTS

GROUND

PLUGS

NDS OR DR OR

WEEN TIONS

DIRECTLY

DOF OR

PROJECT

DEFINED

ENTIFIED

COPIES

DJECT

MEP EQUIPMENT ANCHORAGE NOTE:

ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7–16, CHAPTERS 13, 26 AND 30.

- A. ALL PERMANENT EQUIPMENT AND COMPONENTS.
- B. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (EG. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220V RECEPTACLES HAVING A FLEXIBLE CABLE.
- C. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY THE DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

PIPING, DUCTWORK AND ELECTRICAL

DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1616A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G. OSHPD OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP MD PP E OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS. MP□ MD□ PP□ E⊠ OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM#) #0052-13 & #0043-13.

## MISCELLANEOUS SYSTEM SYMBOLS

INVERTER CONTROL PANEL - SEE INVERTER SPECIFICATIONS. ICP

IAP INVERTER ANNUNCIATOR PANEL - SEE INVERTER SPECIFICATIONS.

- GAP GENERATOR ANNUNCIATOR PANEL - SEE GENERATOR SYSTEM SPECIFICATIONS FOR MORE INFORMATION. IDCS INTEGRATED DIMMING CONTROL STATION (IDCS) PANEL - WALL MOUNTED. SEE IDCS SYSTEM SPECIFICA INFORMATION. DIMMING PANEL CONTROL STATION (DPCS) PANEL - WALL MOUNTED. SEE DPCS SYSTEM SPECIFICATIO DPCS HL LIGHTING CONTROL SYSTEM LOCAL SWITCH - WALL MOUNTED. SEE LIGHTING CONTROL SYSTEM SPECIFI INFORMATION.
- LIGHTING CONTROL SYSTEM OVERRIDE SWITCH WALL MOUNTED. SEE LIGHTING CONTROL SYSTEM SPE HO INFORMATION. LIGHTING CONTROL SYSTEM MASTER SWITCH - WALL MOUNTED. SEE LIGHTING CONTROL SYSTEM SPECI Ηм
- INFORMATION. IDCS/DPCS SYSTEM REMOTE STATION SWITCH - WALL MOUNTED. SEE IDCS SYSTEM AND/OR DPCS SYS HR MORE INFORMATION. IDCS/DPCS SYSTEM PARTITION STATION SWITCH - WALL MOUNTED. SEE IDCS SYSTEM AND/OR DPCS ΗP MORE INFORMATION.
- BRANCH CIRCUIT SYMBOLS

/-A-1,3,5 HOME RUN TO PANEL. LETTER DESIGNATES PANEL, NUMBERS INDICATE CIRCUITS. HASH MARKS INDICAT - // /// → IN CONDUIT RUN, #12 AWG MINIMUM UNLESS OTHERWISE NOTED. ┌─A─1&3&5 HOME RUN TO PANEL. LETTER DESIGNATES PANEL, NUMBERS INDICATE CIRCUITS WITH SEPARATE NEUTI , /−A−1+3+5 HOME RUN TO PANEL. LETTER DESIGNATES PANEL, NUMBERS INDICATE CIRCUITS. "+" INDICATES SEPA - / III III - THROUGHOUT BRANCH CIRCUIT. HASH MARK " / " INDICATES AN ISOLATED GROUND CONDUCTOR. CONCEALED CONDUIT OR BRANCH CIRCUIT UNLESS OTHERWISE NOTED. 1/2" CONDUIT MINIMUM, (2) \_\_\_\_\_ MINIMUM. CONDUIT OR BRANCH CIRCUIT CONCEALED BELOW GRADE, 3/4" CONDUIT MINIMUM WITH (2) 12 AWG C \_\_\_\_ CODE SIZED EQUIPMENT GROUND.

SURFACE-MOUNTED CONDUIT OR BRANCH CIRCUIT UNLESS OTHERWISE NOTED. 1/2" CONDUIT MINIMUM \_\_\_\_\_ MINIMUM. TANDEM WIRING CONNECTION.

CONDUIT STUB OUT, CAP, MARK AND RECORD ON AS-BUILT DRAWINGS

← CONDUIT CONTINUATION. FLEXIBLE CONNECTION AS REQUIRED. NUMBER OF CONDUCTORS AS REQUIRED. VERIFY CONNECTION ہو

MANUFACTURER PRIOR TO ROUGH-IN. CONDUIT/ BRANCH CIRCUIT/FEEDER CONTINUATION DOWN WALL TO FLOOR BELOW **~** 

CONDUIT/ BRANCH CIRCUIT/FEEDER CONTINUATION UP WALL TO FLOOR ABOVE  $\searrow$ 

SPECIALTY WALL BOX / PEDESTAL BOX SYME FLOOR BOX SINGLE SERVICE IN FLOOR BOX. PROVIDE DEVICES PER PLAN. SEE FLOOR BOX DETAILS AND SPECIFI INFORMATION. **F-T-**TWO SERVICE IN FLOOR BOX. PROVIDE DEVICES PER PLAN. SEE FLOOR BOX DETAILS AND SPECIFICA INFORMATION. THREE SERVICE IN FLOOR BOX. PROVIDE DEVICES PER PLAN. SEE FLOOR BOX DETAILS AND SPECIFIC INFORMATION. **F-T--**FOUR SERVICE IN FLOOR BOX. PROVIDE DEVICES PER PLAN. SEE FLOOR BOX DETAILS AND SPECIFICA INFORMATION. L\_\_\_\_] SIX SERVICE IN FLOOR BOX. PROVIDE DEVICES PER PLAN. SEE FLOOR BOX DETAILS AND SPECIFICAT · - + - + - i INFORMATION. L\_\_\_\_\_ r-t-t-7-GANG AV FLOOR BOX. PROVIDE DEVICES PER PLAN. SEE FLOOR BOX DETAILS AND SPECIFICATIONS ┝┍╾┻╼┻╼┥ SINGLE OR DUAL SERVICE RECESSED EXTERIOR WALL BOX - TYPE "WP-A". PROVIDE DEVICES PER PL COMPARTMENT SHALL BE EQUIPPED WITH A 1"C.O. TO THE NEAREST ACCESSIBLE CEILING SPACE U.O.N. SPECIFICATIONS FOR MORE INFORMATION.

SINGLE OR DUAL SERVICE EXTERIOR PEDESTAL - TYPE "WP-C". PROVIDE DEVICES PER PLAN. SEE EX SPECIFICATIONS FOR MORE INFORMATION. ARROW DENOTES DEVICE DOOR LOCATION.

	CONTROLLED. THAT FOR FLO	WITHIN ANY CONTROLLED, ONLY A SINGLE DUPLEX RECEPTACLE OUTLET (NON-IG, NON-GCFT TYPE) SHALL BE WITHIN ANY CONTROLLED DUPLEX RECEPTACLE OUTLET, ONLY ONE RECEPTACLE SHALL BE CONTROLLED. NOTE DOR BOXES OR POKE-THRU DEVICES, THE ASSOCIATED CONTROL RELAY MAY NEED TO BE LOCATED WITHIN THE DOM WHERE THE CONTROLLED CIRCUIT ORIGINATES.
		OCCUPANCY SENSOR/LIGHTING CONTROL SYSTEM CONTROLLED RECEPTACLE RELAY. WHERE LETTER DESIGNATIO "a" REPRESENTS OCCUPANCY SENSOR/LIGHTING CONTROL SYSTEM CONTROL ZONE. SEE THE DISTRIBUTED LIGHTING CONTROL SPECIFICATION FOR MORE INFORMATION.
	<b>→</b> + <b>\</b>	DUPLEX RECEPTACLE, WALL MOUNTED.
	-# -# -€	DOUBLE DUPLEX RECEPTACLE, WALL MOUNTED. DUPLEX, GFCI RECEPTACLE, WALL MOUNTED. WP INDICATES WEATHERPROOF, A, B OR C INDICATES THE TYPE
	- <b>-</b>	COVER, REFER TO THE GENERAL PRODUCT SPECIFICATIONS. DOUBLE DUPLEX, WALL MOUNTED, WITH (1) GFCI RECEPTACLE AND (1) DUPLEX RECEPTACLE CONNECTED ON
	<b>→ →</b>	LOAD SIDE OF GFCI. WP INDICATES WEATHERPROOF, A, B OR C INDICATES THE TYPE OF COVER, REFER TO T GENERAL PRODUCT SPECIFICATIONS.
	⇒ ⇒ ⇒ ⇒	DUPLEX RECEPTACLE, ONE HALF SWITCHED, WALL MOUNTED. DUPLEX, ISOLATED GROUND RECEPTACLE, WALL MOUNTED.
		COMBINATION DOUBLE DUPLEX: ONE ISOLATED GROUND DUPLEX RECEPTACLE AND ONE DUPLEX RECEPTACLE, WALL MOUNTED.
	<b>₩</b>	COMBINATION DOUBLE DUPLEX: TWO ISOLATED GROUND RECEPTACLES, WALL MOUNTED.
	⊷ €	SIMPLEX RECEPTACLE, WALL MOUNTED. SPECIAL RECEPTACLE, WALL MOUNTED. REFER TO PLAN NOTES.
	⊕ <del>≬</del>	DUPLEX RECEPTACLE FLUSH IN CEILING - MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL
	<b>₩</b>	DOUBLE DUPLEX RECEPTACLE FLUSH IN CEILING – MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL.
	÷	DUPLEX RECEPTACLE, ONE HALF SWITCHED, FLUSH IN CEILING – MOUNT FLUSH IN FLOOR WHEN INDICATED IN FLOOR BOX SYMBOL.
	• •	DUPLEX, ISOLATED GROUND RECEPTACLE, FLUSH IN CEILING - MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL.
	1,3 1,3a ╋ ╋	COMBINATION DOUBLE DUPLEX: ONE ISOLATED GROUND DUPLEX RECEPTACLE AND ONE DUPLEX RECEPTACLE, MOUNTED FLUSH IN CEILING – MOUNT FLUSH IN FLOOR WHEN INDICATED IN FLOOR BOX SYMBOL.
	♦ ♦	COMBINATION DOUBLE DUPLEX FLUSH IN CEILING: TWO ISOLATED GROUND RECEPTACLES – MOUNT FLUSH IN FLOOR WHEN INDICATED IN FLOOR BOX SYMBOL.
	⊖ ₽	SIMPLEX RECEPTACLE FLUSH IN CEILING – MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBO SPECIAL RECEPTACLE FLUSH IN CEILING – MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBO
	● ●	DUPLEX RECEPTACLE, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH.
	事事	DOUBLE DUPLEX RECEPTACLE, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH. DUPLEX, GFCI RECEPTACLE, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH. WP INDICATES
	=	WEATHERPROOF, A, B OR C INDICATES THE TYPE OF COVER, REFER TO THE GENERAL PRODUCT SPECIFICATION DOUBLE DUPLEX, WALL MOUNTED, WITH (1) GFCI RECEPTACLE AND (1) DUPLEX RECEPTACLE CONNECTED ON
		LOAD SIDE OF GFCI. WP INDICATES WEATHERPROOF, A, B OR C INDICATES THE TYPE OF COVER, REFER TO T GENERAL PRODUCT SPECIFICATIONS.
		DUPLEX RECEPTACLE, BOTTOM HALF SWITCHED, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH. DUPLEX, ISOLATED GROUND RECEPTACLE, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH.
		COMBINATION DOUBLE DUPLEX: ONE ISOLATED GROUND DUPLEX RECEPTACLE AND ONE DUPLEX RECEPTACLE,
		WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH. COMBINATION DOUBLE DUPLEX: TWO ISOLATED GROUND DUPLEX RECEPTACLES, WALL MOUNTED AT 6-INCHES
	₽₽₽₹	ABOVE COUNTER OR SPLASH. SIMPLEX RECEPTACLE, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH.
		SPECIAL RECEPTACLE, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH. REFER TO PLAN NOTES. WET LOCATION-LISTED (RAINTITE-IN-USE) RECEPTACLE - SEE ELECTRICAL SPECIFICATION FOR ADDITIONAL
N. ICATIONS FOR MORE	♥WP-B ●WP-D	INFORMATION. DAMP LOCATION-LISTED (NOT-RAINTITE-IN-USE) RECEPTACLE - SEE ELECTRICAL SPECIFICATION FOR ADDITIONAL
IONS FOR MORE INFORMATION.	Π	INFORMATION. DUPLEX RECEPTACLES WITH TWO 5V, 3.6A USB CHARGING PORTS. PROVIDE COLOR AS REQUIRED IN 15A OR
CIFICATIONS FOR MORE	発 第 第	20A CONFIGURATION AND/OR TAMPER RESISTANT AND/OR HOSPITAL GRADE AS REQUIRED BY PLANS AND THE WIRING DEVICES SECTION OF THE GENERAL ELECTRICAL SPECIFICATIONS. (PASS & SEYMOUR OR EQUAL BY HUBBELL OR LEVITON.)
PECIFICATIONS FOR MORE	兼用	QUAD RECEPTACLES WITH TWO 5V, 3.6A USB CHARGING PORTS. PROVIDE COLOR AS REQUIRED IN 15A OR 20 CONFIGURATION AND/OR TAMPER RESISTANT AND/OR HOSPITAL GRADE AS REQUIRED BY PLANS AND THE WIRIN
ECIFICATIONS FOR MORE	₩₩	DEVICES SECTION OF THE GENERAL ELECTRICAL SPECIFICATIONS. (PASS & SEYMOUR OR EQUAL BY HUBBELL LEVITON.)
SYSTEM SPECIFICATIONS FOR	Ð	JUNCTION BOX, WALL MOUNTED AT +18-INCHES A.F.F. OR AS NOTED. 4S/DP MINIMUM OR AS REQUIRED BY N.E.C. OR CEC, WHERE ADOPTED.
S SYSTEM SPECIFICATIONS FOR	J	JUNCTION BOX, MOUNTED IN ACCESSIBLE CEILING FOR APPLICATION DENOTED ON PLAN. 4S/DP MINIMUM OR REQUIRED BY N.E.C. OR CEC, WHERE ADOPTED.
	HJ	JUNCTION BOX, WALL MOUNTED AT 6-INCHES ABOVE COUNTER OR SPLASH. 4S/DP MINIMUM OR AS REQUIRE BY N.E.C., OR CEC, WHERE ADOPTED.
CATE NUMBER OF CONDUCTORS	00	JUNCTION BOX, 4S MINIMUM OR AS REQUIRED BY N.E.C., OR CEC, WHERE ADOPTED. MOUNTED IN ACCESSIBLE CEILING SPACE PER PLAN FOR FLEXIBLE CONNECTION TO PRE-WIRED FURNITURE SYSTEM. MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL. WHEN SHOWN WITH A DIAGONAL SLASH, THE LAST GENER/RECEPTACLE CIRCUIT ON THE HOME-RUN CALL OUT SHALL BE CONTROLLED BY THE OCCUPANCY SENSOR.
UTRALS. "&" INDICATES		COORDINATE CONTROLLED CIRCUIT CONNECTION REQUIREMENTS WITH FURNITURE SYSTEM MANUFACTURER PRIOR TO ROUGH-IN. SEE DISTRIBUTED LIGHTING CONTROLS FOR ADDITIONAL REQUIREMENTS.
EPARATE #10 NEUTRAL	KJ KZ	JUNCTION BOX, WALL MOUNTED AT +18-INCHES A.F.F., 4S/DP MINIMUM OR AS REQUIRED BY N.E.C., OR CEC, WHERE ADOPTED, FOR FLEXIBLE CONNECTION TO PREWIRED FURNITURE SYSTEM. WHEN SHOWN WITH A DIAGONAL SLASH, THE LAST GENERAL RECEPTACLE CIRCUIT ON THE HOME-RUN CALLOUT SHALL BE CONTROLLE
) #12 AWG CONDUCTORS	·	BY THE OCCUPANCY SENSOR. COORDINATE CONTROLLED CIRCUIT CONNECTION REQUIREMENTS WITH FURNITURE SYSTEM MANUFACTURER PRIOR TO ROUGH-IN. SEE DISTRIBUTED LIGHTING CONTROLS FOR ADDITIONAL
CONDUCTORS MINIMUM AND A		REQUIREMENTS. SURFACE MOUNTED MULTI-OUTLET ASSEMBLY. REFER TO GENERAL PRODUCT SPECIFICATIONS. PROVIDE ALL
UM, (2) #12 AWG CONDUCTORS	Ю	COMPONENTS NECESSARY FOR A COMPLETE INSTALLATION. THERMOSTAT OUTLET BOX, PROVIDE 1/2" C.O. TO RESPECTIVE MECHANICAL UNIT.
	$\bigcirc$	EXHAUST FAN, OR MOTOR LOAD. REFER TO MECHANICAL, PLUMBING OR KITCHEN DRAWINGS FOR SPECIFIC LOAR REQUIREMENTS OR AS NOTED.
	<b></b>	FLUSH MOUNTED ELECTRICAL PANELBOARD OR LOAD CENTER. REFER TO PANEL SCHEDULE.
N REQUIREMENTS WITH		SURFACE MOUNTED ELECTRICAL PANELBOARD OR LOAD CENTER. REFER TO PANEL SCHEDULE.
	 [T]	TRANSFORMER, REFER TO SINGLE LINE DIAGRAM.
	ت الآلي	FUSED DISCONNECT SWITCH, HP RATED, OR COMBINATION MOTOR STARTER/DISCONNECT SWITCH WITH FUSES PI EQUIPMENT MANUFACTURER AND WEATHERPROOF AS REQUIRED. PROVIDE FINAL CONNECTION TO UNIT
IBOLS Difications for more		EQUIPMENT. SEE MOTORIZED EQUIPMENT SCHEDULE FOR DISCONNECT AND STARTER SIZES.
CATIONS FOR MORE		NON-FUSED DISCONNECT SWITCH, HP RATED AND WEATHERPROOF AS REQUIRED. PROVIDE FINAL CONNECTION TO UNIT EQUIPMENT. SEE MOTORIZED EQUIPMENT SCHEDULE FOR DISCONNECT SIZES. UTILITY COMPANY METER. PROVIDE "CT's" AND "PT's" AS REQUIRED, REFER TO SINGLE LINE DIAGRAM.
IFICATIONS FOR MORE	€ <b>-</b> @	CIRCUIT BREAKER: "A" REPRESENTS CIRCUIT BREAKER AMPERE RATING, "B" REPRESENTS NUMBER OF POLES
FICATIONS FOR MORE	⇒ <sup>A</sup> <sub>B</sub> <sub>C</sub>	AND "C" REPRESENTS MISCELLANEOUS BREAKER FEATURES. SHUNT= PROVIDE SHUNT TRIP MECHANISM GFP= GROUND FAULT PROTECTION
ATIONS FOR MORE		CLCB= CURRENT LIMITING CIRCUIT BREAKER SS= PROVIDE SOLID STATE CIRCUIT BREAKER LO= PROVIDE PERMANENT LOCK-OPEN (OFF) HARDWARE LC= PROVIDE PERMANENT LOCK-CLOSED (ON) HARDWARE
INS FOR MORE INFORMATION.	A B	FUSIBLE SWITCH: "A" REPRESENTS SWITCH/FRAME AMPERE RATING, "B" REPRESENTS THE FUSE AMPERE RATIN "C" INDICATES NUMBER OF POLES AND "D" REPRESENTS MISCELLANEOUS FUSE/SWITCH FEATURES.
		SHUNT= PROVIDE SHUNT TRIP MECHANISM GFP= GROUND FAULT PROTECTION CLF= CURRENT LIMITING FUSE
PLAN. EACH LV OR UNUSED .N. SEE EXTERIOR DETAILS AND	I	GROUND CONNECTION, SIZE AS INDICATED OR AS REQUIRED.
EXTERIOR DETAILS AND	<b>\$</b> a,b	SINGLE POLE SWITCHES, WALL MOUNTED.SUBSCRIPTS AT SYMBOL INDICATE THE FOLLOWING:2 - DOUBLE POLELV - LOW VOLTAGERL - ROTARY LOCK KEY TYPE3 - THREE WAYP - PILOT LIGHTPB - PUSHBUTTON4 - FOUR WAYR - REMOTE CONTROLS - PROJECTION SCREENK - KEY OPERATEDM - MOTOR STARTINGa, b, c, ETC DESIGNATES QUANTITY OF SWITCHES AT EACH LOCATION.

ALL RECEPTACLE OUTLETS SHOWN WITH A DIAGONAL SLASH SHALL BE CONTROLLED BY OCCUPANCY SENSOR OR LIGHTING

a, b, c, ETC. - DESIGNATES QUANTITY OF SWITCHES AT EACH LOCATION. NOTE: ALL WALL SWITCHES CONTROLLING EMERGENCY CIRCUITS SHALL BE ENGRAVED WITH "EMERGENCY".

EMERGENCY POWER OFF STATION, WALL MOUNTED PER EPO SYSTEM DETAIL. PB, OR P PULLBOX, SIZED PER N.E.C. OR AS NOTED.

> WALL MOUNTED DEVICE MOUNTING HEIGHT NOTE: ALL WALL-MOUNTED EQUIPMENT MOUNTING HEIGHTS SHALL BE VERIFIED PRIOR TO ROUGH-IN PER

REQUIREMENTS OF THE DEVICE ALIGNMENT AND MOUNTING HEIGHT DETAILS AND SPECIFICATIONS.

