





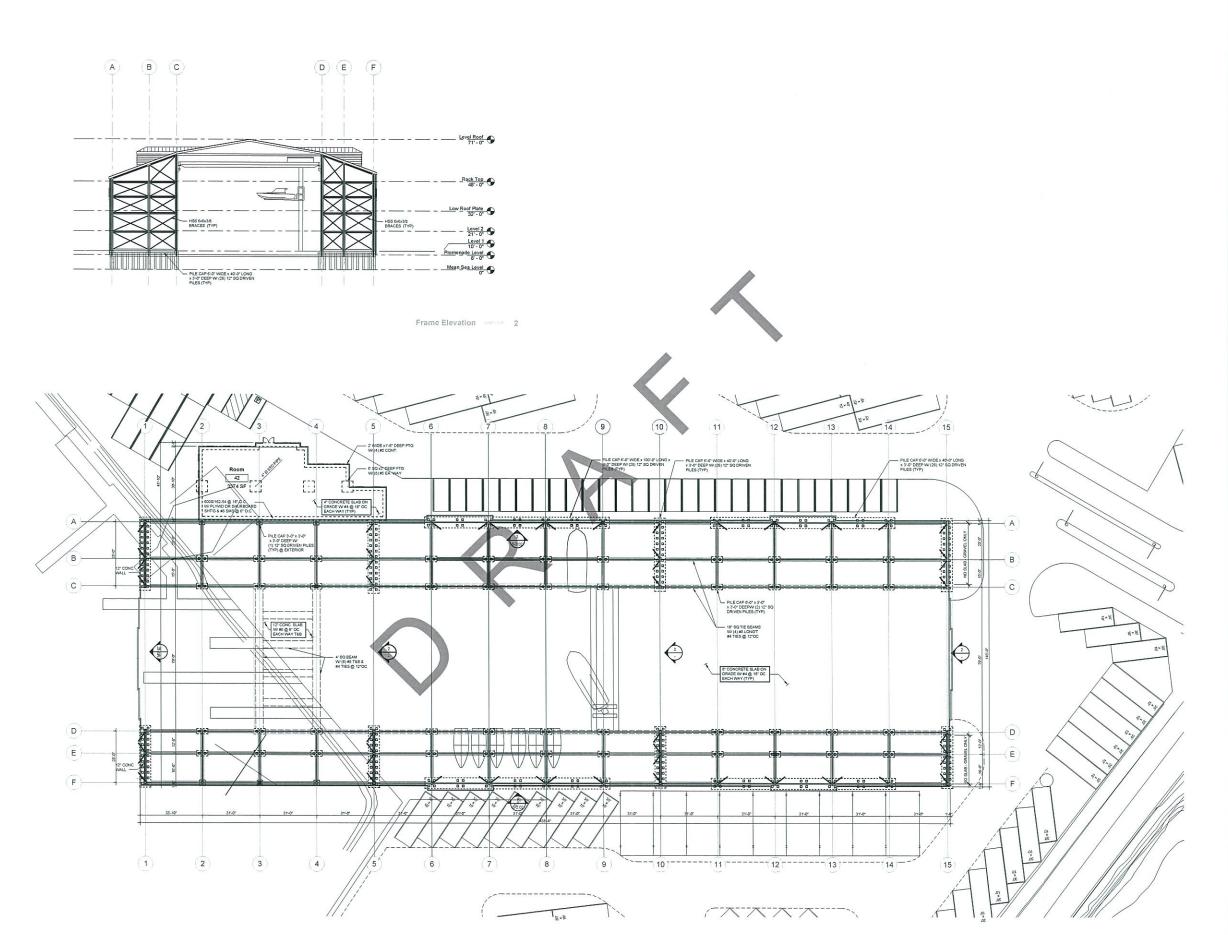
Foundation Plan/ Elevation



MVE Institutional

Foundation Plan 1







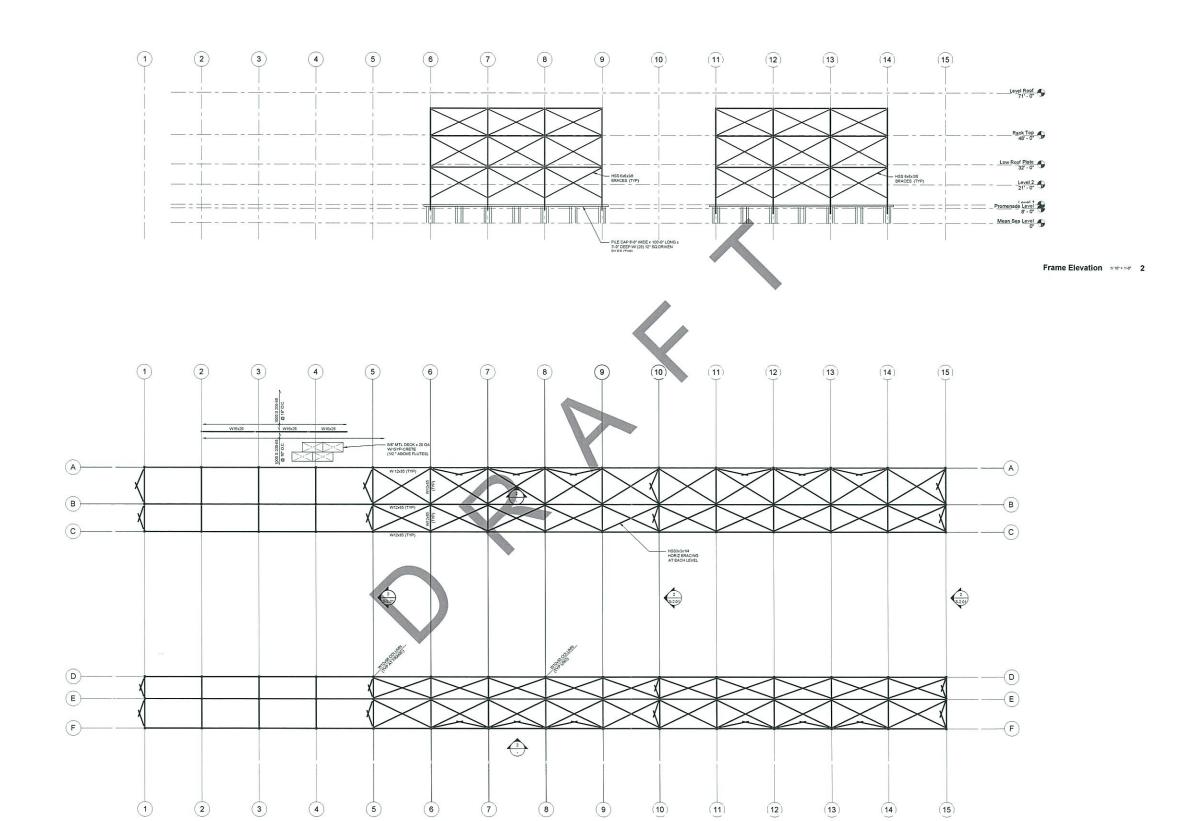


Project Numb 1/16* = 1'-
1/16* = 1'-
1

Typical Floor Framing Plan/ Frame Elevation











DATE:	Issue De
PROJECT #:	Project Numb
SCALE:	1/16" + 1"
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NORTH	
SHEET#:	S-2

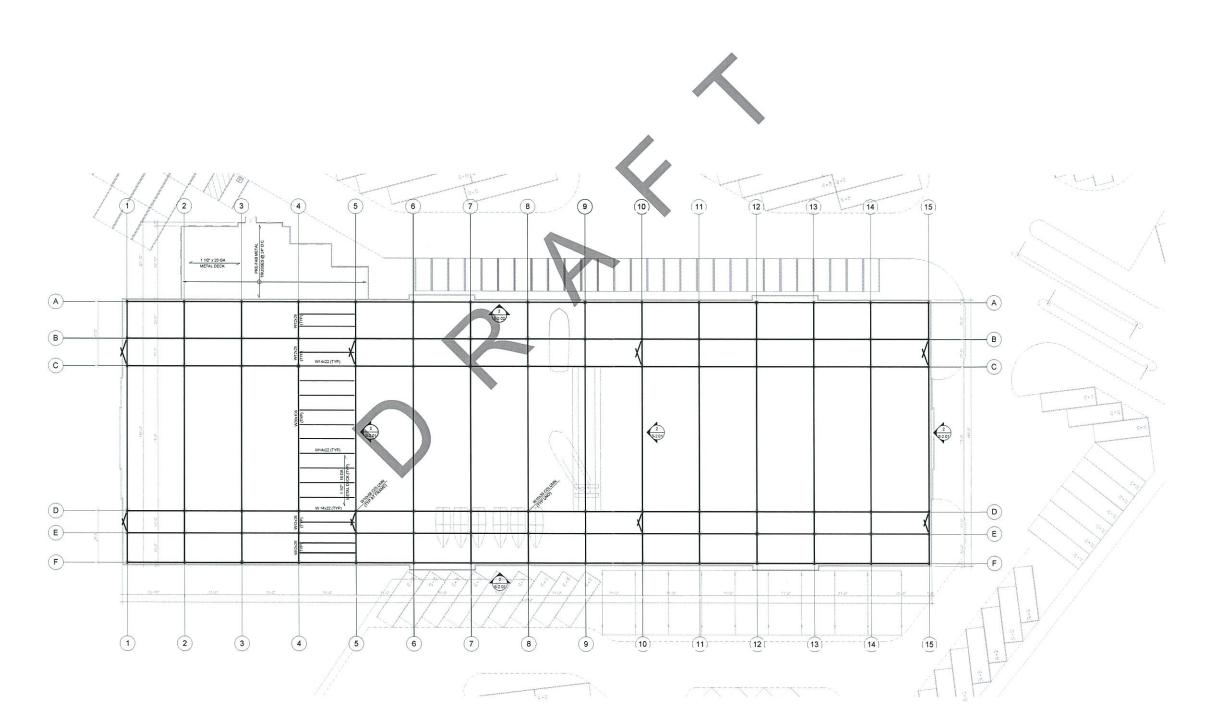
Roof Framing Plan



MVE Institutional

Roof Framing Plan 1/10-1/0 1





								FIXTURE S	SCHE	DULE							
		ROUGH-IN CONNECTIONS			TIONS			ROUGH-IN CONNECTIONS									
ITEM	FIXTURE	TRAP	WASTE	VENT	HOT	COLD	GAS	DESCRIPTION	ITEM	FIXTURE	TRAP	WASTE	VENT	HOT	COLD	GAS	DESCRIPTION
TP 1	TRAP PRIMER (MULTIPLE DRAIN)	140	-	2	-	1/2*	-	MIFAB NO. MR-500 TRAP PRIMER VALVE, BRASS BODY, ADJUSTABLE, COMPLETE WITH MIDU DISTRIBUTION UNIT, 12° COPPER TYPE "L" PIPE TO EACH RECEPTOR INSTALL PER MANUFACTURER'S RECOMMENDATIONS, COMPLETE BEHIND ACCESS PANEL WITH SHUT-OFF VALVE.	00	OVERFLOW DRAIN	SEE PLAN FOR SIZES		0,0	ZURN ND. ZC-100-DR-89, CAST IRON BODY, COMPLETE WITH CAST IRON DOME STRAINER, UNDERDECK CLAMP, AND 2" HIGH WATER DAM.			
FD 1	FLOOR DRAIN (SEDIMENT BUCKET)	3"	3"	1-1/2"	1000	-	-	ZURN NO. ZN-662-TS "EXTRA HEAVY DUTY DRAIN", 16" X 16", DUCO COATED CAST 18ON BOOY, COMPLETE WITH SQUARE NICKEL-BROXZE TOP SECURED WITH SLOTTED SCREWS, CLAMPING COLLAR, SEDIMENT BUCKET, AND P-TRAP WITH TRAP PRIMER CONNECTION.	(HB)	HOSE BIBB (WALL)	-	175	-	-	3/4"	1000	ACORN NO. 8121-OP "BENT NOSE WITH FLANGE" HOSE BEB, WALL MOUNTED, CHROME-PLATED POLISHED, WITH INTEGRAL VACUUM BREAKER, LOOSE KEY OPERATION.
RD 1	ROOF DRAIN	CEC DI AN EDD DITED			ES		ZURN NO. ZC-103-DR-C-R-84, CAST IRON BODY, COMPLETE WITH ADJUSTABLE EXTENSION SLEEVE, FLASHING COLLAR, STAINLESS STEEL GRAVEL STOP, CAST IRON DOME STRAINER, SUMP RECEIVER, AND UNDERDECK CLAMP.										

LEGEND						
SYMBOL	ABBREVIATION	DESCRIPTION				
	S OR W	SOL OR WASTE BELOW FLOOR OR GRADE	_			
so	SD	STORM DRAIN ABOVE FLOOR				
so	SD	STORM DRAIN BELOW FLOOR OR GRADE				
OD	OD	OVERFLOW DRAIN ABOVE FLOOR				
	v	SANITARY VENT				
	cw	COLD WATER				
TP	TP	TRAP PRIMER				
f	F	FIRE LINE				
AS	AS	AUTOMATIC SPRINKLER LINE				
		DIRECTION OF FLOW				
_>—⊸—	sov	SHUT-OFF VALVE				
Ф	FCO	FLOOR CLEANOUT				
	WCD	WALL CLEANOUT				
		RISER UP	_			
		RISER DOWN				
	ABV	ABOVE				
	BEL	BELOW				
	CLG	CEILING				
	CONT	CONTINUATION				
	сота	CLEANOUT TO GRADE				
	DN	DOWN				
	EXIST	EXISTING				
	FLR	FLOOR				
	FFE	FINISH FLOOR ELEVATION				
	I.E.	INVERTIBLEVATION				
	POC	POINT OF CONNECTION				
	PLCS	PLACES	_			
	SLVE	SLEEVE	_			
	VTR	VENT THRU ROOF	_			
	YB	YARD BOX	_			

DANA POINT HARBOR REVITALIZATION





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AND GEN.
NOTES
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OC DANA POINT HARBOR REVITALIZATION







Fax (949) 417	-3908
DATE:	
PROJECT #:	2011-40140
SCALE:	1/16" = 1"-0"
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NORTH	
SHEET#:	P.201

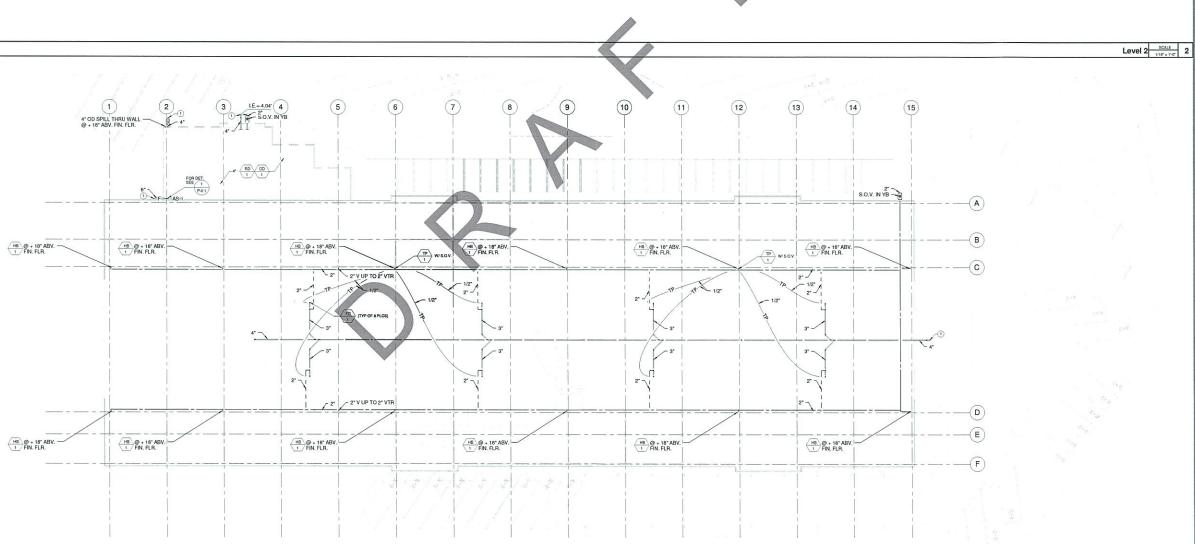
PLUMBING LEVEL ONE & LEVEL TWO

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CONSTRUCTION NOTES:

1 FOR CONTINUATION OF ALL UTILITIES SEE CIVIL DRAWINGS.





4

5

6

2

DUPLEX RECEPTACLE, ONE HALF SWITCHED, WALL MOUNTED.

DEDICATED 20A, DOUBLE DUPLEX RECEPTACLE, WALL MOUNTED. SIMPLEX RECEPTACLE, WALL MOUNTED.

COMBINATION DOUBLE DUPLEX: TWO ISOLATED GROUND DUPLEX RECEPTACLES, WALL MOUNTED.

SPECIAL RECEPTACLE, WALL MOUNTED. REFER TO PLAN NOTES.

DUPLEX RECEPTACLE FLUSH IN CEILING — MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX
SYMBOL.

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 A FLOOR BOX SYMBOL.

COMBINATION DOUBLE DUPLEX FLUSH IN CEILING: TWO ISOLATED GROUND DUPLEX RECEPTACLES — MOUNT FLUSH IN FLOOR WHEN INDICATED IN FLOOR BOX.

DEDICATED 20A DUPLEX RECEPTACLE, FLUSH IN CEILING — MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL.

DEDICATED 20A DOUBLE DUPLEX RECEPTACLE, FLUSH IN CEILING - MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL. SIMPLEX RECEPTACLE FLUSH IN CEILING — MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL.

SPECIAL RECEPTACLE FLUSH IN CEILING — MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL.

DUPLEX RECEPTACLE, WALL MOUNTED AT 6" ABOVE COUNTER OR SPLASH.

DOUBLE DUPLEX RECEPTACLE, WALL MOUNTED AT 6" ABOVE COUNTER OR SPLASH.

DUPLEX, GFCI RECEPTACLE, WALL MOUNTED AT 6" ABOVE COUNTER OR SPLASH. WP INDICATES
WEATHERPROAD, A, B OR C INDICATES THE TYPE OF COVER, REFER TO THE GENERAL PRODUCT
SPECIFICATIONS.

DUPLEX, ISOLATED GROUND RECEPTACLE, WALL MOUNTED AT 6" ABOVE COUNTER OR SPLASH.

DEDICATED 20A DOUBLE DUPLEX RECEPTACLE, WALL MOUNTED AT 6" ABOVE COUNTER OR SPLASH.

SIMPLEX RECEPTACLE, WALL MOUNTED AT 6" ABOVE COUNTER OR SPLASH.

SPECIAL RECEPTACLE, WALL MOUNTED AT 6" ABOVE COUNTER OR SPLASH. REFER TO PLAN NOTES.

COMBINATION DOUBLE DUPLEX: ONE ISOLATED GROUND DUPLEX RECEPTACLE AND ONE DUPLEX RECEPTACLE, WALL MOUNTED AT 6" ABOVE COUNTER OR SPLASH.

DEDICATED 20A DUPLEX RECEPTACLE, WALL MOUNTED AT 6" ABOVE COUNTER OR SPLASH

DOUBLE DUPLEX, GFCI RECEPTACLE, WALL MOUNTED AT 6" ABOVE COUNTER OR SPLASH DUPLEX RECEPTACLE, BOTTOM HALF SWITCHED, WALL MOUNTED AT 6" ABOVE COUNTER OR SPLASH.

COMBINATION DOUBLE DUPLEX: TWO ISOLATED GROUND DUPLEX RECEPTACLE.

DUPLEX, ISOLATED GROUND RECEPTACLE, FLUSH IN CEILING — MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL.

COMBINATION DOUBLE DUPLEX: ONE ISOLATED GROUND DUPLEX RECEPTACLE AND ONE DUPLEX RECEPTACLE, WALL MOUNTED.

DUPLEX, ISOLATED GROUND RECEPTACLE, WALL MOUNTED.



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SYMBOL LIST

DIE HARRESEED IN COMPICIENCE FOR THE LIANTED PURPOSE OF EVALUATION, BID ACVENT, THIS DICCLIANTED HITS CONTENTS HAY RICH AS USED FOR ANY CENER PROSE AND HAY NOT SE REPRODUCED ON DISCLESSED TO CITIENS WITHOUT THE CHINATTEN CONSENT OF HIME ROTTESTOOMS, BIC. ALL RESITS RESERVED, IN

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CONCEALED TELEPHONE/DATA CONDUIT RUN, 3/4" CONDUIT ONLY (MIN). SEE —— T —— TABLE FOR CONDUIT SIZE VARIATIONS. T1 = 1 ° C.O. T2 = 1-1/4 ° C.O. T3 = 1-1/2 ° C.O. T5 = (2) 3/4 ° C.O.

FLUSH MOUNTED, LOCKABLE TERMINAL CABINET WITH TERMINAL STRIPS AS SURFACE MOUNTED, LOCKABLE TERMINAL CABINET WITH TERMINAL STRIPS AS REQUIRED. TELEPHONE TERMINAL BACKBOARD SIZED AS NOTED, REFER TO SYSTEM GROUND DETAIL.

FIRE ALARM SYSTEM SYMBOLS

—— C —— CONCEALED CLOCK CONDUIT RUN 1/2" CONDUIT, OR AS NOTED, WITH CONDUCTORS PER SPECIFICATIONS.

SIGNAL SYSTEM SYMBOLS

TV OUTLET FLUSH CEILING MOUNTED

W VOLUME CONTROL, WALL MOUNTED.

REVISION REFERENCE.

MICROPHONE OUTLET, FLUSH CEILING MOUNTED.

(M)

SEE FIRE ALARM OR CENTRAL MONITORING SYSTEM DRAWINGS FOR FIRE ALARM SYMPOLS

B ♥ WALL MOUNTED CLOCK, FIELD VERIFY MOUNTING HEIGHT PRIOR TO INSTALLATION
"B" INDICATES BATTERY OPERATED CLOCK. "D" INDICATES DIGITAL CLOCK, "NO
LETTER" INDICATES ANALOG CLOCK. REFER TO SPECIFICATIONS.

TV OUTLET, WALL MOUNTED. STUB A 3/4"C.O. UP 6" ABOVE THE ACCESSIBLE CEILING AND PROVIDE A BUSHING.

HW MICROPHONE OUTLET, WALL MOUNTED. PROVIDE $3/4^{\circ}$ C.O. (WITH PULL ROPE) UP TO 6° ABOVE ACCESSIBLE CEILING SPACE. BUSH ENDS.

——M—— CONCEALED MICROPHONE CONDUIT RUN, 3/4" CONDUIT, OR AS NOTED, WITH CONDUCTORS — REFER TO SPECIFICATIONS.

HS v SURFACE WALL MOUNTED SPEAKER, "V" INDICATES VOLUME CONTROL.

Sy Surface mounted speaker , "V" indicates volume control.

HSy Flush wall mounted speaker , "V" indicates volume control.

 \textcircled{S}_{V} CEILING FLUSH MOUNTED SPEAKER , "V" INDICATES VOLUME CONTROL.

S — CONCEALED SPEAKER CONDUIT RUN 3/4" CONDUIT, OR AS NOTED, WITH CONDUCTORS — REFER TO SPECIFICATIONS.

A PANEL CALLOUT, "A" INDICATES PANELBOARD OR EQUIPMENT DESIGNATION.

2 PLAN NOTE REFERENCE, REFER TO NOTES ON SHEET, OR AS DIRECTED.

WYE CONFIGURATION \triangle DELTA CONFIGURATION

TCCTV1 CLOSED CIRCUIT TELEVISION CONTROL PANEL - SEE SPECIFICATIONS

CPS CLOSED CIRCUIT TELEVISION POWER SUPPLY - SEE SPECIFICATIONS.

CCTV VIDEO MONITOR — SEE SPECIFICATIONS.

CC — CCTV SYSTEM BRANCH CIRCUIT PER CCTV SYSTEM RISER DIAGRAM AND/OR SPECIFICATIONS.

TELEPHONE OUTLET BOX, WALL MOUNTED. STUB A 3/4" C.O. UP 6" ABOVE THE ACCESSIBLE CEILING AND PROVIDE A BUSHING. 4S/DP MINIMUM WITH SINGLE

ACCESSIBLE CELEBOOK

ACCESSIBLE CELEBOOK

W = WALL MOUNTED PHONE

P = PUBLIC (PAY) PHONE. VERIFY ALL REQUIREMENTS WITH THE

TELEPHONE BACKBOARD. MOUNTING HEIGHT AS REQUIRED.

TELEPHONE BACKBOARD. MOUNTING HEIGHT AS REQUIRED.

TO THE MAIN THE STUB A 3/4" C.O. UP 6" ABOVE THE

THE STUB A 3/4" C.O. UP 6" ABOVE THE STUB A 3/4" C.O.

DATA OUTLET BOX, WALL MOUNTED. STUB A 3/4" C.O. UP 6" ABOVE THE ACCESSIBLE CEILING AND PROVIDE A BUSHING. 4S/DP MINIMUM WITH SINGLE GANG RING.

COMBINATION TELEPHONE AND DATA OUTLET BOX, WALL MOUNTED. STUB A 1 C.O. UP 6' ABOVE THE ACCESSIBLE CEILING AND PROVIDE A BUSHING. 4S/OF MINIMUM WITH SINGLE GANG RING.

TELEPHONE OUTLET BOX, FLUSH MOUNTED IN CEILING - MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL.

 $\ensuremath{ \mbox{ }}$ data outlet box flush mounted in ceiling — mount flush in floor when indicated in a floor box symbol.

COMBINATION TELEPHONE AND DATA OUTLET BOX FLUSH MOUNTED IN CEILING — MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL.

TELEPHONE OUTLET BOX, WALL MOUNTED 6" ABOVE COUNTER OR SPLASH, STUB 4 3/4" C.O. UP 6" ABOVE THE ACCESSIBLE CELING AND PROVIDE A BUSHING. 45/DP MININUM WITH SINGLE GANG RING.

DATA OUTLET BOX, WALL MOUNTED 6" ABOVE COUNTER OR SPLASH, STUB A 3/4"C.O. UP 6" ABOVE THE ACCESSIBLE CEILING AND PROVIDE A BUSHING. 4S/DP MINIMUM WITH SINGLE GANG RING.

COMBINATION TELEPHONE AND DATA OUTLET BOX, WALL MOUNTED 6"AB COUNTER OR SPLASH, STUB A 1" C.O. UP 6" ABOVE THE ACCESSIBLE AND PROVIDE A BUSHING. 4S/DP MINIMUM WITH SINGLE GANG RING.

COMBINATION TELEPHONE AND DATA OUTLET BOX MOUNTED IN SECSSIBLE CELLING SPACE OR IN FLOOR BOX PER PLAN FOR FLEXIBLE CONNECTION AT FURNITURE SYSTEM. VERIFY CONNECTION TO REQUIREMENTS WITH MANUFACTURE PRIOR TO ROUGH—IN — MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLC BOX SYMBOL.

IN A NON-PATED INSULATED WALL OR NON-PATED UNINSULATED WALL PROVIDE A 2-AME MUST MIRE OF CODY PASS SERIES DO MOUNTING BRACKET (EDUAL BY B-LINE OF RAYCO) WIND WITH PULL STRING TO ACCESSIBLE CEILLING. PROVIDE 1-1/2" BUSHINGS AT CONDUIT ENDS. REFER TO ARCHITECTURAL PLANS FOR WALL CONSTRUCTION/TYPE AND CEILING CONDITIONS.

CEILING CONDITIONS.

IN A RATED WALL, PROVIDE (1) 45/DP BOX WITH (2) 1—1/4°CO. AND (1) 45/DP BOX WITH (2) 1—1/4°CO. AND (1) 45/DP BOX WITH (1) 1—1/4°CO. WITH PILL STRINGS IN EACH CONDUIT DID ACCESSIBLE CEILING. PROVIDE 1—1/4° BUSHINGS, AT CONDUIT BUSD. CONDUIT DID SERVED BOX WOUNTING BRACKET TO MAINTAIN BOX AUGMENT (COULD, BY B—1/NE OR RAYCO). UTILIZE FIRESTOPPING SYSTEM PADS RATED FOR USE ON THE BOX (STO NE GOUAL) AS REQUIRED TO MAINTAIN RATING OF WALL ON MEMBRANE. REFER TO ARCHITECTURAL PLANS FOR WALL CONSTRUCTION/TYPE AND CEILING CONDITIONS.

CCTV FIXED POSITION CAMERA - SEE SPECIFICATIONS.

TELEPHONE/DATA SYMBOLS

CCTV SYSTEM SYMBOLS

CCTV PAN/TILT CAMERA - SEE SPECIFICATIONS.

CCTV VIDEO AMPLIFIER - SEE SPECIFICATIONS.

 $\frac{3}{E-1}$ DETAIL CALLOUT, "3" INDICATES DETAIL NUMBER "E-1" INDICATES SHEET NUMBER.

TV — CONCEALED TELEVISION CONDUIT RUN, 3/4" CONDUIT, OR AS NOTED, WITH CONDUCTORS - REFER TO SPECIFICATIONS.

SINGLE OR DUAL SERVICE RECESSED EXTERIOR WALL BOX — TYPE "WP-A". PROVIDE DEVICES PER PLAN. EACH LV OR UNUSED COMPARTMENT SHALL BE COUPPED WITH A 1"CO TO THE NEAREST ACCESSIBLE CEILING SPACE U.O.N. SEE EXTERIOR DETAILS AND SPECIFICATIONS FOR MORE INFORMATION.

LIGHTING / LIGHTING CONTROL SYMBOLS

SITE LIGHTING FIXTURE SYMBOLS DEPICTED WITH CAPITAL LETTER(S) ADJACENT TO RESPECTIVE SYMBOL(S) INDICATE(S) LIGHT FIXTURE MOUNTING BASE DETAIL(S). SEE LIGHTING FIXTURE SCHEDULE FOR FIXTURE SYMBOL INFORMATION.

LIGHTING FIXTURE CALL OUT, NUMBER(S) AND/OR UPPER CASE LETTER(S) (i.e. "1") INDICATES FIXTURE TYPE (REFER TO LIGHTING FIXTURE SCHEDULE). LOWER CASE LETTER (i.e. "a") ADJACENT TO FIXTURE TYPE INDICATES BALLAST OPTION (SEE GENERAL LIGHTING FIXTURE SCHEDULE (NOTES).

1-WAY / 2-WAY DIRECTIONAL CEILING MOUNTED OCCUPANCY SENSOR — SEE SPECIFICATIONS FOR MORE INFORMATION.
OUANTITY OF ADJACENT LOWER CASE LETTERS INDICATES QUANTITY OF RELAYS / DIMMING CIRCUITS REQUIRED — SEE CONTROL
CONFIGURATIONS BELOW FOR MORE INFORMATION. EXACT CONTROL FUNCTION IS DETERMINED BY THE BULLAST/FIXTURE TYPE.
ADJACENT UPPER CASE LETTER ("H") INDICATES CONNECTION TO HVAC SYSTEM CONTROLS VIA CONTROLLED DRY-CONTACT

(B) H 2 1-WAY / 2-WAY DIRECTIONAL CELING MOUNTED NETWORKED OCCUPANCY SENSOR — SEE SPECIFICATIONS FOR MORE INFORMATION. OUANITY OF PALAJACENT LOWER CASE LETTERS INDICATES QUANTITY OF RELAYS / DIMMING CITICRUITS REQUIRED — SEE CONTROL CONFIGURATIONS BELOW FOR MORE INFORMATION. EXACT CONTROL FUNCTION IS DETERMINED BY THE BALLAST/FIXTURE TYPE. ADJACENT UPPER CASE LETTER ("H") INDICATES CONNECTION TO HAVE SYSTEM CONTROLS VIA CONTROLLED BYLY-CONTROLLED BYLY-CONTRO CONTROL CONFIGURATIONS:

y.(z) "y.(z)" INDICATES THAT SWITCH LEG "y" TO BE CONFIGURED AS "AUTOMATIC ON / AUTOMATIC OFF" AND BE CONTR (SWITCHED OR STEP DIMMED) BY THE WALL MOUNTED SENSOR INTEGRAL SWITCH OR THE ASSOCIATED CELLING SENSOR RESURCE ON THE WALL. SWITCH OR THE CONTROLLED (SWITCHED OR SENSOR RESPER DIMMED) BY THE ASSOCIATED WALL MOUNTED SENSOR REMOTE SWITCH ON THE WALL.

(y,z) "(y,z)" INDICATES THAT BOTH SWITCH LEGS "y" AND "z" TO BE CONFIGURED IN A "MANUAL ON / AUTO OFF" (VACANCY SENSOR) AND BE CONTROLLED (SWITCHED OR STEP DIMMED) BY THE ASSOCIATED WALL MOUNTED SENSOR INTEGRAL SWITCHES OR THE ASSOCIATED CELLING SENSOR REMOTE SWITCHES ON THE WALL.

y.(y) "MIDICATES THAT SWITCHES "OF DEE CONFIGURED IN A "MUJO ON 50% / MANUAL ON 100% / AUTO OFF" AND BE CONTROLLED (CONTINUOUSLY DIMMED) BY THE ASSOCIATED COLLING SENSOR REMOTE SWITCH ON THE WALL.

LOW VOLTAGE MOMENTARY SWITCHES, WALL MOUNTED, FOR MANUAL "ON/OFF SWITCHING" AND "DIMMING" (STEPPED / CONTINUOUS) CONTROL OF LIGHTING WHICH IS CONTROLLED FOR CASE LETTERS INDICATES QUARTITY OF SWITCHLESS TO BE CONTROLLED. EACH CONTROL PURCHON IS DETERMINED BY THE LETTERS INDICATES QUARTITY OF SWITCHLESS TO BE CONTROLLED. EACH CONTROL PURCHON IS DETERMINED BY THE MOLATES LOCKING SWITCH FOR THE SUBSEQUENT LOWER CASE LETTER.

AUTOMATIC SWITCHING / STEP-DIMMING DATIOHTING CONTROLLER USED TO SWITCH FOR THE SUBSEQUENT LOWER CASE LETTER.

AUTOMATIC SWITCHING / STEP-DIMMING DATIOHTING CONTROLLER USED TO SWITCH OFF DIGHTS WHEN SUFFICIENT NATURAL LIGHT IS PRESENT. NUMBER IN PARENTHESIS INDICATES THE AWEAGE WORKPLANE "TARGET LIUMINIATION" SWITCH LAUGENT LOWER CASE LETTERS "2+" INDICATES SWITCH LEGGS) CONTROLLED. ADJACENT "+" INDICATES PORTION OF SWITCHLEG CONTROLLED BY SCHOOR.

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MISCELLANEOUS SYSTEM SYMBOLS

INVERTER CONTROL PANEL - SEE INVERTER SPECIFICATIONS INVERTER ANNUNCIATOR PANEL - SEE INVERTER SPECIFICATIONS GENERATOR ANNUNCIATOR PANEL - SEE GENERATOR SYSTEM SPECIFICATIONS FOR MORE INFORMATION

INTEGRATED DIMINING CONTROL STATION (IDCS) PANEL — WALL MOUNTED. SEE IDCS SYSTEM SPECIFICATIONS FOR MORE INFORMATION.

DIMINING PANEL CONTROL STATION (OPCS) PANEL — WALL MOUNTED. SEE DPCS SYSTEM SPECIFICATIONS FOR MORE INFORMATION.

LIGHTING CONTROL SYSTEM LOCAL SWITCH — WALL MOUNTED. SEE LIGHTING CONTROL SYSTEM SPECIFICATIONS FOR MORE INFORMATION.

LIGHTING CONTROL SYSTEM OVERRIDE SWITCH - WALL MOUNTED. SEE LIGHTING CONTROL SYSTEM SPECIFICATIONS FOR MORE INFORMATION. Ю LIGHTING CONTROL SYSTEM MASTER SWITCH - WALL MOUNTED. SEE LIGHTING CONTROL SYSTEM SPECIFICATIONS FOR MORE INFORMATION.

IDCS/DPCS SYSTEM REMOTE STATION SWITCH - WALL MOUNTED. SEE IDCS SYSTEM AND/OR DPCS SYSTEM SPECIFICATIONS FOR MORE INFORMATION.

IDCS/DPCS SYSTEM PARTITION STATION SWITCH - WALL MOUNTED. SEE IDCS SYSTEM AND/OR DPCS SYSTEM SPECIFICATIONS FOR MORE INFORMATION.

BRANCH CIRCUIT SYMBOLS

HOME RUN TO PANEL LETTER DESIGNATES PANEL, NUMBERS INDICATE CIRCUITS. HASH MARKS INDICATE NUMBER OF CONDUCTORS 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 NEUTRALS. "&" INDICATES SEPARATE NEUTRALS.

「A-1+3+5 HOME RUN TO PANEL. LETTER DESIGNATES PANEL, NUMBERS INDICATE CIRCUITS. "+" INDICATES SEPARATE #10 NEUTRAL - 根根根 - THROUGHOUT BRANCH CIRCUIT. HASH MARK " / " INDICATES AN ISOLATED GROUND CONDUCTOR. CONCEALED CONDUIT OR BRANCH CIRCUIT UNLESS OTHERWISE NOTED. 1/2" CONDUIT MINIMUM. (2) #12 AWG CONDUCTORS

CONDUIT OR BRANCH CIRCUIT CONCEALED BELOW GRADE, 3/4" CONDUIT MINIMUM WITH (2) 12 AWG CONDUCTORS MINIMUM AND A CODE SIZED EQUIPMENT GROUND. SURFACE-MOUNTED CONDUIT OR BRANCH CIRCUIT UNLESS OTHERWISE NOTED. 1/2" CONDUIT MINIMUM, (2) #12 AWG CONDUCTORS MINIMUM.

TANDEM WIRING CONNECTION

92 FLEXIBLE CONNECTION AS REQUIRED. NUMBER OF CONDUCTORS AS REQUIRED. VERIFY CONNECTION REQUIREMENTS WITH 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

FLOOR BOX / SPECIALTY WALL BOX / PEDESTAL BOX SYMBOLS SINGLE SERVICE IN FLOOR BOX. PROVIDE DEVICES PER PLAN. SEE FLOOR BOX DETAILS AND SPECIFICATIONS FOR MORE INFORMATION.

TWO SERVICE IN FLOOR BOX. PROVIDE DEVICES PER PLAN. SEE FLOOR BOX DETAILS AND SPECIFICATIONS FOR MORE INFORMATION. THREE SERVICE IN FLOOR BOX. PROVIDE DEVICES PER PLAN. SEE FLOOR BOX DETAILS AND SPECIFICATIONS FOR MORE INFORMATION.

FOUR SERVICE IN FLOOR BOX. PROVIDE DEVICES PER PLAN. SEE FLOOR BOX DETAILS AND SPECIFICATIONS FOR MORE INFORMATION.

SIX SERVICE IN FLOOR BOX. PROVIDE DEVICES PER PLAN. SEE FLOOR BOX DETAILS AND SPECIFICATIONS FOR MORE INFORMATION.

7-GANG AV FLOOR BOX. PROVIDE DEVICES PER PLAN. SEE FLOOR BOX DETAILS AND SPECIFICATIONS FOR MORE INFORMATION

RECESSED FLAT PANEL TY/DISPLAY WALL BOX WITH FLUSH GROMMETED COVER PANEL (FSR #PW8-100-???) AND MINIMUM OF (1 1-1/4°C.O. FROM TOP-MOUNTED L.V. CONDUIT ENTRY BOX TO ACCESSIBLE CEILING. SEE PLANS FOR ANY ADDITIONAL CONDUIT REQUIREMENTS. PROVIDE ADDITIONAL CONDUIT FROM THE PROVES AS REQUIRED TO ACCOMPLISH WALL BOX CONFIGURATION DEPICTED ON PLANS. FLUSH GROWMETED COVER SHALL BE WHITE, BLACK OR CUSTOM COLOR PER RACHITECT. WHEN FIELD CONDITIONS PROHIBIT INSTALLATION OF THIS DEVICE (SUCH AS WALL STUD/CANTY DEPTH OF ESS THAN 3° ETC). CONFIRM VIA WRITTEN FRI THE INSTALLATION OF A TRADITIONAL POWER AND DATA RECEPTACLE INSTALLATION ALONG SIDE CCTV/AV JUNCTION BOX CONSISTING OF 4-GAMO BEEP JUNCTION BOX WITH 1-1/4°C. TO ACCESSIBLE CEILING IN ADDITION TO ANY OTHER CONDUIT REQUIREMENTS DEPICTED ON PLANS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR MOUNTING HEIGHT.

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

WALL MOUNTED DEVICE MOUNTING HEIGHT NOTE: ALL WALL-MOUNTED EQUIPMENT MOUNTING HEIGHTS SHALL BE VERIFIED PRIOR TO ROU PER REQUIREMENTS OF THE DEVICE ALIGNMENT AND MOUNTING HEIGHT DETAILS AND

JUNCTION BOX, WALL MOUNTED AT +18" A.F.F. OR AS NOTED. 4S/DP MINIMUM OR AS REQUIRED BY N.E.C.. JUNCTION BOX, MOUNTED IN ACCESSIBLE CEILING FOR APPLICATION DENOTED ON PLAN. 4S/DP MINIMUM OR AS REQUIRED BY N.E.C.. HI JUNCTION BOX, WALL MOUNTED AT 6" ABOVE COUNTER OR SPLASH. 4S/DP MINIMUM OR AS REQUIRED BY N.E.C..

JUNCTION BOX MOUNTED IN ACCESSIBLE CEILING SPACE PER PLAN FOR FLEXIBLE CONNECTION TO PREWIRED FURNITURE SYSTEM. VERIFY CONNECTION REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN - MOUNT FLUSH IN FLOOR WHEN INDICATED IN A FLOOR BOX SYMBOL. JUNCTION BOX, WALL MOUNTED AT +18" A.F.F. FOR FLEXIBLE CONNECTION TO PREWIRED FURNITURE SYSTEM. VERIFY CONNECTION REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.

SURFACE MOUNTED MULTI-OUTLET ASSEMBLY. REFER TO GENERAL PRODUCT SPECIFICATIONS. PROVIDE ALL COMPONENTS NECESSARY FOR A COMPLETE INSTALLATION. THERMOSTAT OUTLET BOX, PROVIDE 1/2"C.O. TO RESPECTIVE MECHANICAL UNIT.

EXHAUST FAN, OR MOTOR LOAD. REFER TO MECHANICAL, PLUMBING OR KITCHEN DRAWINGS FOR SPECIFIC LOAD REQUIREMENTS OR AS NOTED. FLUSH MOUNTED ELECTRICAL PANELBOARD OR LOAD CENTER. REFER TO PANEL SCHEDULE.

SURFACE MOUNTED ELECTRICAL PANELBOARD OR LOAD CENTER. REFER TO PANEL SCHEDULE.

TRANSFORMER, REFER TO SINGLE LINE DIAGRAM.

FUSED DISCONNECT SWITCH, HP RATED, OR COMBINATION MOTOR STARTER/DISCONNECT SWITCH WITH FUSES PER EQUIPMENT MANUFACTURER AND WEATHERPROF AS REQUIRED, PROVIDE FINAL CONNECTION TO UNIT EQUIPMENT. SEE MOTORIZED EQUIPMENT SCHEDULE FOR DISCONNECT AND STARTER SIZES.

UTILITY COMPANY METER. PROVIDE "CT's" AND "PT's" AS REQUIRED, REFER TO SINGLE LINE DIAGRAM

CIRCUIT BREAKER: "A" REPRESENTS CIRCUIT BREAKER AMPERE RATING, "B" REPRESENTS NUMBER OF POLES AND "C" REPRESENTS MISCELLANEOUS BREAKER FEATURES.
SHUNT — PROVIDE SHUNT TRIP MECHANISM
HACR— PROVIDE HACR-RATED BREAKER
GFP=
GCIOUND FAULT PROTECTION
CURRENT LIMITING CIRCUIT BREAKER
SS— PROVIDE SOLD STATE CIRCUIT BREAKER

FUSIBLE SWITCH: "A" REPRESENTS SWITCH / FRAME AMPERE RATING, "B" REPRESENTS THE FUSE AMPERE RATING, "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

- I GROUND CONNECTION, SIZE AS INDICATED OR AS REQUIRED.

\$a,b SINGLE POLE SWITCHES, WALL MOUNTED. SUBSCRIPTS AT SYMBOL INDICATE THE FOLLOWING:

 2 - DOUBLE POLE
 LV - LOW VOLTAGE

 3 - THREE WAY
 P - PILOT LIGHT

 4 - FOUR WAY
 R - REMOTE CONTROL

 K - KEY OPERATED
 M - MOTOR STARTING

RL - ROTARY LOCK KEY TYPE PB - PUSHBUTTON S - PROJECTION SCREEN

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

H EMERGENCY POWER OFF STATION, WALL MOUNTED PER EPO SYSTEM DETAIL.

PB, OR P PULLBOX, SIZED PER N.E.C. OR AS NOTED.

PROJECT SPECIFIC SYMBOLS REQUIRED SPECIFICATION DEVIATIONS THE FOLLOWING ITEM(S) ARE REQUIRED DEVIATIONS FROM THE DRAWINGS AND SPECIFICATIONS AND SHOULD BE INCLUDED AS PART OF THE BASE BID. THESE DEVIATIONS ARE AT THE DIRECTION OF THE OWNER: ALLOWED SPECIFICATION DEVIATIONS

THE FOLLOWING ITEM(S) ARE ALLOWED DEVIATIONS FROM THE DRAWINGS AND SPECIFICATIONS. THESE DEVIATIONS ARE AT THE DIRECTION OF THE OWNER:

DEDUCTIVE/ADDITIVE ALTERNATE PRICING

SECURITY ALARM SYSTEM SYMBOLS

SECURITY ALARM ULTRASONIC MOTION SENSOR - SEE SPECIFICATIONS.

SECURITY ALARM GLASS BREAK INDICATOR - SEE SPECIFICATIONS

ACCESS CONTROL SYSTEM POWER SUPPLY - SEE SPECIFICATIONS ACCESS CONTROL SYSTEM LOCK POWER SUPPLY - SEE SPECIFICATIONS.

ACCESS CONTROL LOCAL ALARM SOUNDER - SEE SPECIFICATIONS

ACCESS CONTROL REQUEST TO EXIT SENSOR - SEE SPECIFICATIONS. — AC — ACCESS CONTROL SYSTEM BRANCH CIRCUIT PER ACCESS CONTROL RISER DIAGRAM AND/OR SPECIFICATIONS.

LF, L.F. LINEAR FEET
LTG, LTS LIGHTING
LPS LOW PRESSURE SODIUM
MAX.
MAPF MAIN DISTRIBUTION FRAME
MOCP MAXMIMUM OVERCURRENT

LOW PRESSURE SODIUM
MAXIMUM MISUTION FRAME
MAXIMUM OVERCURRENT
PROTECTION
MAIN CIRCUIT BREAKER
MAIN LUGS ONLY
MECHANICAL CONTRACTOR
MECHANICAL CONTRACTOR
MECHANICAL CONTRACTOR
METAL HALDE
MINIMUM
MERCUIT AMPS
MINIMUM CIRCUIT FORTECTOR
MANUFACTURER
MOUNTED
MANUFACTURER
MOUNTED

MANUFACTURER
MOUNTED
MICROWAVE
NON AUTOMATIC DISCONNECT
NATIONAL ELECTRICAL CODE
NATIONAL ELECTRICAL CODE
NOTALLY CLOSED
NON-FUSED
NON-F

PLUMBING CONTRACTOR
POLE
POLY VINYL CHLORIDE
POWER DISTRIBUTION UNIT
OVER 600 VOLTS
FURNISH, INSTALL AND
CONNECT
POTENTIAL TRANSFORMER
PUBLIC ADDRESS
DENOTES RELOCATED DEVICE
LOCATION.

RIGID GALVANIZED STEEL ROOT MEAN SOUARE SHORT CIRCUIT CURRENT STRUCTURED CABLING SYSTEM SMOKE FIRE DAMPER

500 VOLTS AND LESS SHEET METAL & AIR COND. CONTRACTORS' NAT'L ASSOC

TELEVISION TRANSIENT VOLTAGE SURGE SUPPRESSION

TYPICAL
UNDERGROUND PULL SECTION
UNLESS OTHERWISE NOTED
UNINTERRUPTABLE POWER

SYSTEM
VARIABLE AIR VOLUME
VOLTS
VOLT AMPERES

VOLT AMPERES VOLTAGE DROP WEATHERPROOF

SFORMER

SQUARE TIMECLOCK TELEPHONE AND DATA

REC, RECEPT REF RGS RMS SCC SCS SFD

ACCESS CONTROL PROXIMITY READER - SEE SPECIFICATIONS.

ACCESS CONTROL KEY SWITCH - SEE SPECIFICATIONS.

ACCESS CONTROL CARD READER - SEE SPECIFICATIONS.

ACCESS CONTROL KEY PAD - SEE SPECIFICATIONS.

ABBREVIATIONS

A" SOUARE BY 2-1/8" DEEP BOX
AMERICAN WITH DISABILITIES ACT
ABOVE FINISH FLOOR
ABOVE FINISH GRADE
AMERICAN WIRE GAUGE
AMPERES INTERRUPTING CAPACITY
(SYMMETRICAL)
AMP FRAME, AMP TRIP
AUTHORITY HAVING JURISDICTION
AMP SWITCH, AMP TUSE
AUTHORITY HAVING JURISDICTION
AMP SWITCH, AMP TUSE
AVERAGE
BUILDING DISTRIBUTION FRAME
BRANCH BRANCH BOX TO THE
BRANCH BOX TO THE BRANCH BOX TO THE
BRANCH BRANCH BOX TO THE
BRANCH BOX TO THE
BRANCH BOX TO THE
BRANCH BOX TO THE
BUILDING DISTRIBUTION FRAME
BRANCH BOX TO THE
BO

BRANCH
BUILDING
CALIFORNIA BUILDING CODE
CALIFORNIA ELECTRICAL CODE
CIRCUIT
CIRCUIT BREAKER
COMBINATION SMOKE FIRE DAMPER
CONDUIT
CONDUIT ONLY, COMPLETE WITH
PULLSTRING

CONNECTED
CONTROL POWER TRANSFORMER
CURRENT LIMITING CIRCUIT
BREAKER
CURRENT LIMITING FUSE
CURRENT TRANSFORMER
EXISTING DEVICE TO BE
DEMOLISHED.

ECTRICAL CONTRACTOR
VERGY MANAGEMENT CONTROL

ENERGY MANAGEMENT CONTROL
ELECTRICAL METALLE TUBING
ELECTRICAL NON-METALLIC TUBING
ELECTRIC WATER COOLER
EMERCENCY POWER OFF
EMD-OF-LINE CIRCUIT TERMINATOR
EXHAUST FAN
EQUIPMENT GROUND (GREEN)
EXISTING DEVICE TO REMAIN
EXPLOSION PROOF
EXISTING DEVICE TO BE
RECCATED

FEET FIRE ALARM FULL LOAD AMPS

FULL LOAD AMPS
GROUND
GROUND FAULT CIRCUIT
INTERRUPTER
GROUND FAULT PROTECTION
GROUNDING ELECTRODE
CONDUCTOR
HEATING AIR CONDITIONING
REFRIGERATION

HAND-OFF-AUTO HEATING, VENTILATING AND AIR

CONDITIONING HEIGHT, WIDTH, DEPTH, LENGTH HIGH INTENSITY DISCHARGE

HIGH INTENSITY DISCHARGE HORSEPOWER HORSEPOWER HORSENES SODIUM HORSENES SODIUM HORSENES GROUND HORSENES HORSENE

SECURITY ALARM PASSIVE INFRARED MOTION SENSOR - SEE SPECIFICATIONS.

SECURITY ALARM DUAL TECHNOLOGY MOTION SENSOR - SEE SPECIFICATIONS.

SECURITY ALARM SYSTEM BRANCH CIRCUIT PER SECURITY ALARM RISER DIAGRAM AND/OR SPECIFICATIONS.

ACCESS CONTROL SYSTEM SYMBOLS

SECURITY SYSTEM POWER SUPPLY - SEE SPECIFICATIONS

SECURITY ALARM DOOR CONTACT - SEE SPECIFICATIONS.

SECURITY ALARM PANIC BUTTON - SEE SPECIFICATIONS.

SECURITY ALARM KEY PAD - SEE SPECIFICATIONS.

SPS

APS

(CR)

4S/DP ADA A.F.F. A.F.G. AWG AMP, A A.I.C.

CIRC., CKT CB CSFD C C.O.

GRD GFCI

HACR

LIGHTING PLAN GENERAL NOTES:

PLAN NOTES:

OC DANA POINT HARBOR REVITALIZATION







DATE:			
PROJECT :	# :	2011-40	140
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LIGHTING PLAN





LIGHTING PLAN - LEVEL 2

COMMUNICATIONS PATHWAYS GENERAL NOTES:

- 5. INSTALL BUSHINGS AND BELL ENDS AS REQUIRED ON ALL CONDUITS.
 6. FLEY CONDUIT IS GENERALTY UNACCEPTABLE FOR USE AS A COMMUNICATIONS CONDUIT EXCEPT AT SESSION JOINTS AND AS APPROVED IN WRITING BY THE ENGINEER.

CONDUIT SIZE	WIDTH	LENGTH	DEPTH	WIDTH INCREASE PER ADDITIONAL CONDUIT
1.	4"	16"	3°	2"
2.	8"	36"	4°	5"
3.	12"	48"	5°	6"
4.	15"	60"	8°	8"

- CONDUIT(S) SHALL EXIT A PULLBOX ON THE WALL OPPOSITE THE WALL ENTERED.

POWER PLAN GENERAL NOTES:

- ALL RECEPTACLES ON COMMON WALLS SHALL BE SEPARATE BOXES AND OFFSET 24" MINIMUM.
- ALL PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE PROTECTED FROM THE SPREAD OF FIRE WITH AN APPROVED FIRESTOP SYSTEM EQUAL OR GREATER THAN THE FIRE RATING OF THE WALL.
- ALL WALL-MOUNTED DEVICE HEIGHTS SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO ROUGH-IN.
- ALL FURNITURE FEED LOCATIONS TO BE VERIFIED WITH ARCHITECT AND FURNITURE VENDOR PRIOR TO ROUGH—IN.
- WHEN EXPOSED CEILINGS OR OPEN GRID CONDITIONS OCCUR, THE CONTRACTOR WILL NEED TO PROVIDE THE FOLLOWING ITEMS:

- UNLESS SPECIFICALLY SHOWN AS (E), (R), (ER), (D), EXISTING OR NON-BOLD, ALL ELECTRICAL DEVICES SHOWN ARE NEW.

PLAN NOTES:

OC DANA POINT HARBOR REVITALIZATION





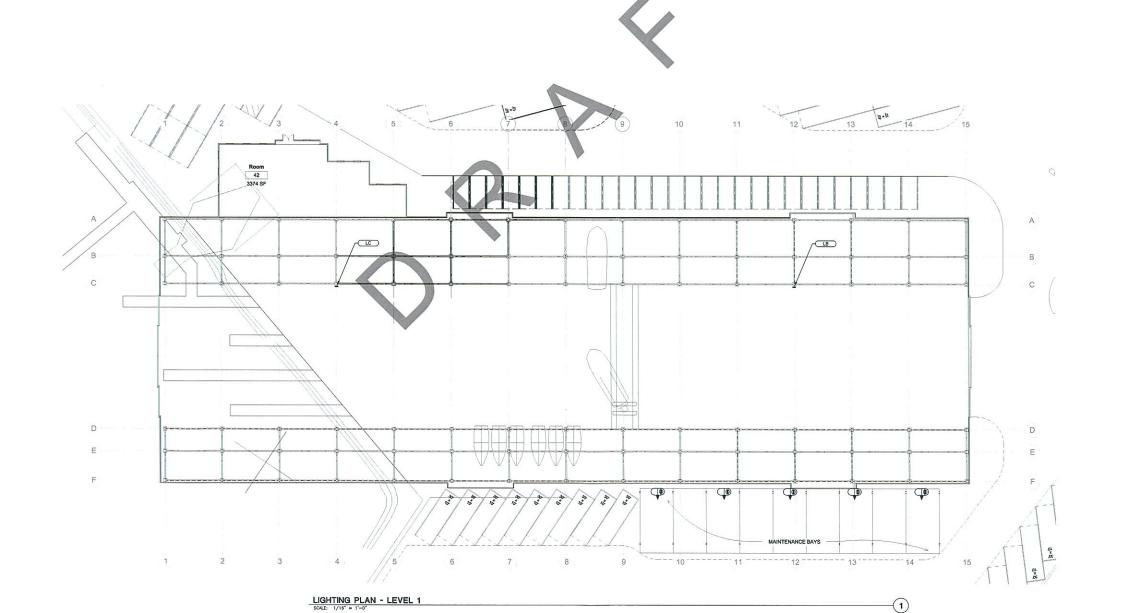


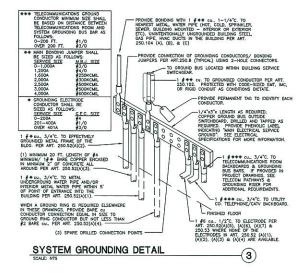
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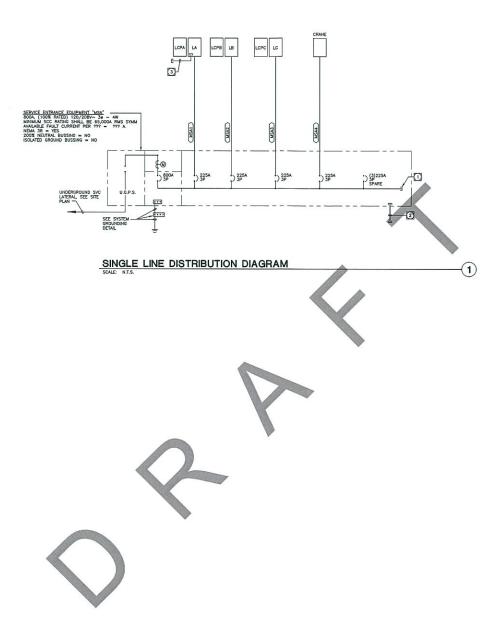
POWER PLAN











- GENERAL SINGLE LINE DIAGRAM NOTES:

 1. ALL SWITCHGEAR SHALL BE SQUARE D OR EQUAL BY CUTLER-HAMMER, RSE-SIERRA, G.E., OR SIEMENS.
- ALL SMITCHEAM SHALL BE SOURCE OF REQUE IF COLUMN TO CHARACTER, RES-SERRIG, G.E., OR SIEMENS.
 ALL TURS DEPICTED ON THE SINGLE LINE DRAWNINGS SHALL BE ASSUMED AS NEW U.O.M.
 ALL OFFICIENCY DEVICES IN AN HOMOROUL PIECE OF EQUIPMENT SHALL HAVE AN ACE PATING EQUAL TO THE OVERPLIL PATING OF THE EQUIPMENT-SERIES PATING OF DIVIDES WITHIN A PIECE OF EQUIPMENT SIN OF ALLOWED. SEE SPECIFICATIONS FOR MORE INFORMATION.
- SERIES RATED DEVICES SHALL HAVE BEEN INVESTIGATED BY U. IN COMBINATION WITH THE END USE EQUIPMENT AND IN THE COUPMENT IN WHICH THESE DEVICES ARE USED SHALL BE MAKED WITH A COUPMENT IN WHICH THESE DEVICES ARE USED SHALL BE MAKED WITH A COUPMENT OF THE COUPMENT IN WHICH THE COUPMENT IN THE COUPMENT IN THE COUPMENT SHALL BE FLORED AND MICE WITH THE PROJECT A SERIES COMBINATION RATING. WHICH SHALL BE READY VISIBLE AD STATE THE FOLLOWER AS SHALL BY A COURSE AND WE WITH A COUPMENT SHALL BE LEGISTY MAKED IN THE FIELD TO INDICATE A SERIES COMBINATION RATING. WHICH SHALL BE READY VISIBLE AND STATE THE FOLLOWER OF THE SHALL BY THE

CAUTION — SERIES COMBINATION SYSTEM RATED AT 77,272
AMPERES, USE ONLY IDENTIFIED REPLACEMENT COMPONENTS
IN THIS SYSTEM.

SPECIFIC SINGLE LINE NOTES:

- BUSSING SHALL BE PROVIDED FOR FUTURE BUS EXTENSION TO FUTURE DISTRIBUTION SYSTEM.
- PROVIDE (1) 4°C.O. FOR EVERY 800 AMPS OF SERVICE SIZE (MINIMUM OF ONE) STUBBED OUTSIDE THE BUILDING TO THE NEAREST PLANTER AREA. CAP AND MARK.



OC DANA POINT HARBOR REVITALIZATION





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SINGLE LINE DIAGRAM





6. FOR ALL EXTENDER EXCURE SUBSTITUTIONS, A POINT-BY-POINT SCALED COMPUTER PRINTOUT SHALL BE PROVIDED VERFINION THE ILLUMINATION LEVELS FOR THE EXTIRE SITE PLAN BASED ON USING THE PROVIDED ALTERNATIVE PRIVATES. THE REPORT WAITS SHOW THAT THE SUBSTITUTE DETYTLE PROVIDES PROVIDENCE EQUAL TO, OR BETTER WHY THE LUMITION LEVELS AND UNDERFORMED WITH THE PROLICEMENT CONSTRUCTION. SPECIFIED PRODUCT. THIS REPORT SHALL BE COMPRISINGED WITH THE POLLOWING CONSTRUCTION.

THE SPACING INCREMENT OR POINTS ON THE VERIFICATION REPORT SHALL NOT EXCEED TEN (10)
FEET IN EITHER DIRECTION.

"" CHARACTERS IN FIXTURE MODE, INJUREER INDICATE THAT THE FIXTURES ARE SPECIFIED IN A GENERIC MOUNTINE FORMAT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERFYING AND PROVIDING ALL HANGERS, CLEYS AND RECESSARY HENDINGS TO INSTRUL. THE PUTTURE IN THE DEMONSIBLET AS SHOWN ON THE ASSESSMENT OF THE CHARACTER OF THE CH

D. CONFLICTS BETWEEN CATALOG NUMBERS AND FIXTURE DESCRIPTIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, PRIOR TO BID TIME, FOR CLARIFICATION.

G. ALL BALLASTS SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:

b. ACCEPTABLE MANUFACTURERS: ADVANCE, SYLVANIA, OR GE.

STEPPED DIMMING FLUORESCENT (LINEAR):

6. HIGH INTENSITY DISCHARGE (HID):

ACCEPTABLE MANUFACTURERS: UNIVERSAL, PHILIPS ADVANCE, OR SYLVANIA

5. CONTINUOUS DIMMING FLUORESCENT(LINEAR/COMPACT):

DIM 1% - (%) LUTRON #H3D SERIES BF = 1.0
LUTRON #HL3 SERIES BF = 0.95

DIM 5% - (7d) LUTRON #H3D SERIES BF = 1.0 LUTRON #EC3 SERIES BF = 0.95

DIM LV - (1) ADVANCE #MARK 7 (0-107) BF = 1.0

DIM 2-WIRE - (7) LUTRON #2W SERIES BF = 0.95

BF = 0.95

. "?" CHARACTERS IN FIXTURE MODEL NUMBER INDICATE THAT ALL FIXTURE VOLTAGES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING — SEE DRAWINGS FOR BRANCH CIRCUIT INFORMATION. IT IS POSSIBLE THAT FIXTURES WILL BE REDURED IN VARIOUS VOLTAGES. ALL PATURE PRISHES AND COLORS, UNLESS NOTED AS CUSTOM, SHALL BE SELECTED FROM THE FULL RANGE OF MANUFACTURERS STRANDARD COLOR OPTIONS, AS SELECTED BY THE ARCHITECT. THIS DIRECTION WILL BE PROVIDED IN THE SHOP DRAWNE REVIEW PROCESS. ALL FIRTURES INDICATED WITH A CUSTOM COLOR SHALL BE PROVIDED WITH A CUSTOM COLOR PAINT PER THE ARCHITECTURAL REVIEW COMMENTS OF THE SUBMITTED SHOP DRAWNES.

Y' CHARATERS N' PITUTE MODE, NABUER HINCOUT THAT THE DIFFURE BALLET TYPE AND GUARITY MUST DE VERBED BY THE COMPACTOR — ISSUE OF TUTINE GUARITY MODE AND AND THAT OF SHAPE COLOR REPORTAND AND THAT OF SHAPE COLOR DE REQUIRED IN ARRIVES BULLET COMPAGNATION. IT IS POSSIBLE THAT A SINGLE THATHER TYPE COLUD BE REQUIRED IN ARRIVES BULLATS COMPAGNATION.

O. 1 PROVIDE ELECTRONIC, INSTANT START STANDARD BALLAST WITH HIGH POWER FACTOR, MAXIMUM THO OF 20%, CLASS ⁷⁴ SOUND RATING, AND ZERO DEGREE FAHRENHETI, MINIMUM START—TEMPERATURE RATING.

c. To "o" SUFFIX PROVIDE ELECTRONIC PROGRAM START BALLAST WITH 0.95 MIN, POWER FACTOR, MAXIMUM THO OF 10%, CLASS "A" SOUND RATING, AND ZERO DEGREE FAREWHETI, MINMUM START—TEMPERATURE RATING. d. ACCEPTABLE MANUFACTURERS/MODEL FAMILY: ADVANCE OPTANIUM, SYLVANIA QUICKTRONIC PROFESSIONAL, OR GE ULTRASTART

WHERE AN OPTANIUM, QUICKTRONIC PROFESSIONAL OR ULTRASTART BALLAST IS NOT MANUFACTURED FOR A PARTICULAR LAMP(S) PROVIDE: ADVANCE CENTIUM, SYLVANIA QUICKTRONIC HIGH EFFICIENCY, OR GE PROLINE BALLASTS.

a. WHERE FIXTURES ARE INDICATED WITH TANDEM WIRE CONNECTION, A MASTER-SATELLITE BALLAST CONFIGURATION SHALL BE PROVIDED THAT ACCOMMODATES THE INDICATED IN—BOARD / OUT—BOARD SWYCHING CONFECIALS. b. SINGLE STAND ALONE FIXTURES IN THE SAME SWITCHING ZONE AS TANDEM WIRED FIXTURES SHALL BE PROVIDED WITH MULTIPLE BALLASTS TO ACCOMMODATE THE INDICATED IN-BOARD / OUT-BOARD c. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND PROVIDING THE APPROPRIATE BALLAST TYPE AND QUANTITY — BASED UPON THE FIXTURE CALLOUT INFORMATION AND SWITCHING CONSIGNATION.

G. (1b)—"5" SUFFIX

PROVIDE ELECTRONIC, PROGRAM START, STEPPED DIMMING BALLAST
(0%-50%-100%) WITH 0.95 MIN. POWER FACTOR, 10% MAXIMUM THD,
CLASS A" SOUND FARIN, 100% COUPTUP BULLAST FACTOR REWIND 0.94
1.00, AND 50 DECREE FARICHEST MINIMUM START—TEMPERATURE ANTING,
BALLAST SHALL BE COMPUTANT WITH APPLICABLE DENBY COUR.

DIM 10% - (2e) LUTRON #EC5 SERIES BF = 0.85T8/1.0T5 (T8/T5/T5H0/T5TT)
BF = 0.95 (T4T/T40)

PROVE HID BLLASS WITH HIGH POWER FACTOR, ENCAPSULATED CORE & COL TYPE, CORE & CORE & COL TYPE, CORE & CORE & COL TYPE, CORE & CO

BF = 0.95 BF = 0.85

(T8/T5/T5H0) (T4T/T4Q)

(T8/T5/T5HO/T5TT) (T4T/T4Q)

(T4T/T4Q) (T8/T5/T5HO/T5TT))

(TAT)

b. THE PRINTOUT SHALL BE BASED ON PROVIDING MAINTAINED FOOT-CANDLE LEVELS USING MEAN LAMP LUMENS AND A LIGHT LOSS FACTOR. AS DIRECTED BY THE ENGINEER OF RECORD.

c. THE PRINTOUT SHALL SHOW ANY ADDITIONAL ENERGY AND/OR ENERGY COSTS, FOR A TEN YEAR PERIOD, AS COMPARED TO THE ORIGINALLY SPECIFIED ITEM. THE TOTAL COSTS FOR THESE EXPENSES WILL BE DEDUCTED FROM THE CONTRACT COST.

WHEN RENOTE HID BALLASTS ARE REQUIRED, CONTRACTOR TO COORDINATE PROPER IGNITER SELECTION WITH FIXTURE MANUFACTURER BASED ON INSTALLATION—SPECIFIC DISTANCE REQUIRED. AND A PER RETURE BASES. IF RENOTED CHARGE TO BALLASTS, MAGNETIC BALLASTS SHALL BE PREVIETED OF THE PROJECT AND EXCEED DISTANCE LIMITATIONS FOR ELECTRONIC HID BALLASTS, MAGNETIC BALLASTS SHALL BE PERMITTED FOR 150W AND LORSE WATARE HID REVUIRES. ACCEPTABLE MANUFACTURERS: ADVANCE, GE, SYLVANIA, UNIVERSAL OR VENTURE

H. LIGHT FIXTURES INDICATED AS EMERGENCY SHALL BE IDENTIFIED / PROVIDED AS FOLLOWS:
 1. INTEGRAL BATTERY PACK (EB):

30/3EB - FIXTURE CONNECTED TO CIRCUIT "3", CONTROL SWITCHLEG "0" - WITH THE BATTERY CHARGING LEAD CONNECTED TO A CONSTANT HOT CIRCUIT "3". 3NL/3EB — FIXTURE CONNECTED TO A CONSTANT HOT CIRCUIT "#3". BATTERY CHARGING LEAD CONNECTED TO A CONSTANT HOT CIRCUIT "3".

REMOTE BACK-UP SOURCE (USA)
 A ULL LISTED TRANSFER RELAY (LC & D #GR-2001E/S) FOR SWITCHED CONTROLS OR A ULL LISTED TRANSFER SWITCH (BROWN #GTD STRESS GENCE) FOR SWITCHED CONTROLS OR A ULL LISTED TRANSFER SWITCH (BROWN #GTD STRESS GENCE) FOR SWITCHED DISTRIBUTED LISTED STRESS GENCE FOR SWITCH S

3NL/3EM - FIXTURE CONNECTED TO A CONSTANT HOT EMERGENCY CIRCUIT "3".

ALL REMOTE BACK UP SOURCE (EM) FIXTURES SHALL BE PROVIDED WITH AN IN LINE FUSE.
 PROVIDE ADDITIONAL LABELING TO INDICATE FIXTURE IS PROTECTED BY A FUSE.

LINEAR T8 FLUORESCENT LAMPS: 8FT TS 1 LMP 1400 LUMENS IOTA \$1-320 OR BODINE \$850 5FT TB 1 LMP 1325 LUMENS IOTA \$1-320 OR BODINE \$850 4FT TB 2/1 LMPS 1325 LUMENS IOTA \$1-320 OR BODINE \$850 3FT TB 2/1 LMPS 1200/1100 LUMENS IOTA \$1-320 OR BODINE \$850 2FT TB 2/1 LMPS 1200/1100 LUMENS IOTA \$1-320 OR BODINE \$850 LINEAR TS/TSHO FLUORESCENT LAWPS: 4FT T5H0 1 LAMP 1250 LUMENS 3FT T5H0 1 LAMP 1100 LUMENS 2FT T5H0 1 LAMP 700 LUMENS IOTA #ISL-540 OR BODINE #LP600 IOTA #ISL-540 OR BODINE #LP600 IOTA #ISL-540 OR BODINE #LP600 4FT T5 1 LAMP 1200 LUMENS 3FT T5 1 LAMP 850 LUMENS 2FT T5 1 LAMP 700 LUMENS HIGH LUMEN COMPACT FLUORESCENT LAMPS (BIAX): 55W BIAX 1 LAMP 1050 LUMENS 50W BIAX 1 LAMP 1050 LUMENS 40W BIAX 1 LAMP 1050 LUMENS 36W BIAX 1 LAMP 1050 LUMENS 24W BIAX 1 LAMP 800 LUMENS 14W BIAX 1 LAMP 775 LUMENS 70W CFL 1 LAMP 1200 LUMENS 57W CFL 1 LAMP 1160 LUMENS 42W CFL 1 LAMP 1150 LUMENS 32W CFL 1 LAMP 1050 LUMENS 26W CFL 1 LAMP 1050 LUMENS 18W CFL 1 LAMP 600 LUMENS 13W CFL 1 LAMP 600 LUMENS LED LAMPS: BODINE #BSL23/#BSL722 SERIES- NO KNOWN EQUAL

TO MANTAN UL LISTING OF LED FIXTURE, PIXTURE MANUFACTURER(S) SHALL INSTALL LED EUERGENCY BULLASTS AT THE FACTORY AND ORDINA I AL LISTING OF THE PRIVILE WITH EUROPEONEY BULLAST. BURGENCY BULLAST, BURGENCY BULLAST, BURGENCY BURGEN

ED-FEF-SU/ RESOLUTE FOR NOTES:
- PROMDE INTEGRAL TEST SWITCH OPTION FOR ALL EMERGENCY BALLASTS INSTALLED IN DOWN LIGHTS

- PROVIDE INTERNAL TEST SWITCH OFFICIAL PRINCEDINY BULLATTS INSTALLED IN DOWN LIGHTS.

- CONTRACTOR TO VERSITY WITH RUTURE MUNICATURES IN 100 BIT THAT RESPONSE PALLASTS ARE INTERNAL TO INTURE HOUSINGS. SHOULD A PULLATICS) NOT FIT WHICH A COVEN FINITURES, COMMENCED SHALL INCLUDE ALL COSTS OF SUSSECTION OF SHALL RELIGIOUS ALL CONTRACTOR SHALL RELIGIOUS ALL COSTS OF STATEMENT ASSOCIATION.

5. ALL RECESSED DOWNLIGHTS SUPPLIED WITH A BUTTETY PACK SHALL BE PROVIDED WITH AN INTERNAL COMBINATION TEST SWITCH CAMERON INDIVIDED BUTT — MOUNTED INSIDE THE REFLECTIOR. PRIMATE SHALL BE SECURELY ATTACHED TO THE REFLECTION PRIMATE OF SUCKE LIADS TO BE EST REMOTE.

5. BATTERY PACKS ALL SHALL BE PROVIDED WITH A COMBINATION TEST SWITCH / CHARGE LIGHT.

N. BHILDT PACKS ALL SHALL BE PROVIDED WITH A COMPANION TEST SWITCH / CHARGE LIGHT.
ALL DIT SIGNS SHALL BE INSTALLED IN STREY GOOGRAMEE WITH THE LOCAL FIPE PROVIDING CODE AITHORITY. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY HARDWARE SUCH THAT ALL DIT SIGNS WERE ARTHALED IN AN APPROVED VISION ELECTRICAL PROFILED CELLING FUN. ANY DISCREPANCES SHOW THE PROSIDENCE TO ANOTHER CHARGE SHALL BE HAVE ANOTHER FOR AN ELECTRICAL PACKS SHALL BE REPORTED TO ANOTHER PROVIDED SHALL BE ANOTHER PROVIDED WITH SHELL PROVIDED ALL SHALL BE REPORTED AS TO ANOTHER PROVIDED THE REPORT OF THE PROFILED FOR A COMPART HE RICAL SYSTEM WHICH SHALL BE ALL DEACH AND AND COMPARE AND AND COMPARE THE PROVIDED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROPERTY OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY PART OF THE PROFILED FOR A COMPART HISTORY THAT OF THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY THE PROFILED FOR A COMPART HISTORY THACK LINGTH SHALL BY THE PROF

K. "?" CHARACTERS IN THE FIXTURE MODEL NUMBER INDICATE A FIXTURE OPTION THAT THE CONTRACTOR MUST IDENTIFY PRIOR TO ORDERING / PROVIDING SUBMITTALS.

DEVILE PROVING A SUBJECTAL / SHOP DEWING SUBMITALS.

PROVING A SUBJECTAL / SHOP DEWING SUBMITAL FOR THE GENERAL PRODUCT REDUREMENT SECTION FOR PROVINCES BULLAT INFORMATION SHALL BE REJECTED AS INCOMPLETE. IN ACCITION, SEE CENTRAL LAMP SCHEDULE NOTE PROVINCES TO PROVINCES AND STATE AND SUBMITAL RESURPCIONS. M. PROVIDE LAMPING PER LAMP SCHEDULE. SOCKETS SHALL BE GENERAL ELECTRIC, BRYANT, OR EQUAL, WHITE, TWIST—TURN CONTACT TYPE. PUSH CONTACT TYPE SOCKETS WILL NOT BE ALLOWED.

 ALL LIGHTING FIXTURES SHALL BE MOUNTED AND INDIVIDUALLY SUPPORTED IN ACCORDANCE WITH APPLICABLE INDUSTRY AND SAFETY STANDARDS AND ALL NATIONAL AND LOCAL ELECTRICAL AND SESSIMC CODES. FIXTURES SHALL BE FURNISHED AND INSTALLED WITH ALL REQUIRED MOUNTING DEVICES, HARDWARE AND ACCESSORIES. P. DOGNTONS OF INTURES SHALL BE PER THE ARCHITECTURAL REFLECTED CELLING FLAN AND SHALL BE NOT THE SHALL BE SHAL

BACH FIXTURE IDENTIFIED AS "NO KNOWN EQUAL" ON THIS PROJECT SHALL BE BID IN A "LINE ITEM"
FORMAT. A PER UNIT MATERIAL COST SHALL BE PROVIDED FOR EACH NO KNOWN EQUAL" FIXTURE.
THIS PRICE SHALL INCLUDE LAMPS AS WELL AS ALL OTHER REQUIRED MATERIALS REQUIRED FOR
INSTALLATION. THE FIXTURE PRICE QUITED WILL BE UTILIZED, PRIOR TO SHOP DRAWING APPROVAL, FOR
XDONG" MAJON TO ELECTING "ANY QUARTITY OF THE PATURE".

 A UNIT COST SHALL BE SUBMITTED FOR EACH "NO KNOWN EQUAL" FIXTURE. SUBMIT THE PRICING AS PART OF THE BID FORM ON A SEPARATE 8-1/2" X 11" SHEET AS FOLLOWS: "NO KNOWN EQUAL" LINE ITEM/
FIXTURE TYPE PER UNIT MATERIAL COST

\$ XXXXX/EACH \$ XXXXX/EACH \$ XXXXX/EACH

FAILURE TO SUBMIT A LINE ITEM FOR EACH "NO KNOWN EQUAL" FIXTURE WILL RESULT IN THE REJECTION, REPUSAL, OR NON-ACCEPTANCE OF THE CONTRACTORS BID.

T. "NO EQUAL — OWNER STANDARD" LIGHTING FIXTURE PRICING/BIDDING NOTES:

1. FIXTURES IDENTIFIED AS "NO EQUAL — OWNER STANDARD" ARE TO BE PROVIDED AS SPECIFIED.

2. SUBSTITUTIONS ARE STRICTLY PROHIBITED.

SYMBOL	TYPE	MANUFACTURER AND MODEL NUMBER	FIXTURE VA/ WATTS	LAMP/ LAMP OPTION	GENERAL DESCRIPTION
ш	1	METALUX VT4 - 654T5 - M - DR - ??? - EHT2 - WL - SSL EQUAL BY: DAYBRITE	366/358	F27/3500	SURFACE MOUNTED FLUORESCENT, 8 LAMP, WITH FIBERGLASS HOUSING, POLYMETHANE GASKET, STAINLESS STEEL LATCHES, AND HIGH IMPACT AC LUSIS. U.L. USTED FOR WET LOCATIONS, PROVIDE STAINLESS STEEL SUR MOUNTING BRACKET #VT4—SS—SM
	2	EDUAL BY:	-/-	-/-	-
	3	EDUAL BY:	-/-	-/-	-
	•	EQUAL BY:	-/-	-/-	-
	(5)	EDUAL BY:	-/-	-/-	-
	6	EDUAL BY:	-/-	-/-	-
	7	EDUAL BY:	-/-	-/-	
	8	EDUAL BY:	-/-	-/-	-
	9	EDUAL BY:	-/-	-/-	-
	10	EDUAL BY:	-/-	-/-	-
	(1)	EDUAL BY:	-/-	-/-	-
	(12)	EDUAL BY:	-/-	-/-	-
	(13)	EQUAL BY:	-/-	-/-	-
	14	EDUAL BY:	-/-	-/-	-
	(15)	EDUAL BY:	-/-	-/-	-

	FLUORESCENT LAMP SCHEDULE						.E
TYPE	MANUFACTURER AND MODEL NUMBER	DEL NUMBER WATTS / I-LUMENS / C.R.I. / C.B.C.P / 'K / GEN	GENERAL DESCRIPTION				
IIIE	MANOTACIONEN AND MODEL NOMBER		M-LUMENS	UFE	B. SPREAD	'K +/-	GENERAL DESCRIPTION
F27	G.E. #F54W/T5/8??/ECO EQUAL BY: OSRAM SYLVANIA AND PHILIPS	54W / N/A	5000 / 4600	85 / 30,000	N/A / N/A	3000 / N/A 3500 / N/A 4100 / N/A 5000 / N/A 6500 / N/A	4'-0" HO TS FLUORESCENT LAMP WITH A MINIATURE BIPIN BASE TCLP COMPLIANT

GENERAL LAMP SCHEDULE NOTES: THE JUMPS FOR THIS PROJECT HAVE BED! SPECIFED TO INSURE THAT SPECIFIC ADMINISTRATION OF THE AMERICAN SPECIFIC ADMINISTRATION OF THE AMERICAN SPECIFIC ADMINISTRATION OF THE AMERICAN SPECIFIC ADMINISTRATION OF THE OWNERS, ARCHITECTS, AND ENGINEERS DESIGN CRITERIA WHILE STILL HITTING WITHIN THE ESTABLISHED PROJECT BUDGET.

A CURRENT ORIGINAL CATALOG DATA SHEET WITH LAMP CATALOG NUMBERS. MODIFIED DATA SHEETS WILL NOT BE ACCEPTABLE.

2. A SINKED COPY OF THE "SUBSTITUTION COMPLIANCE FORM", LOCATED IN SUBSTITUTION IS ACCEPTED, THE PROJECT SCHEDULE WILL NOT BE INCOMPLIAN OF THE PROJECT IS O

C. CONFLICTS BETWEEN CATALOG NUMBERS AND LAMP DESCRIPTIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, PRIOR TO BID TIME, FOR CLAREFICATION.

UNLESS SPECIFIED OTHERWISE, FURNISH AND INSTALL ALL LAMP(S), AS REQUIRED, FOR EACH FIXTURE INDICATED ON THE DRAWINGS.

E. CONTRACTOR TO REPLACE ALL FAILED LAMPS, AS REQUIRED, UNTIL WRITTEN ACCEPTANCE OF THE PROJECT IS EXECUTED BY THE OWNER.

F. AT THE COMPLETION OF THE PROJECT, CONTRACTOR SHALL PROVIDE TO THE OWNER AN ADDITIONAL 5% (MINMUM QUANTITY OF TWO) STOCK OF LAMPS FOR EACH LAMP TYPE UTILIZED ON THE PROJECT.

G. "?" SYMBOLS IN THE LAMP MODEL NUMBER INDICATE A LAMP OPTION THAT IS IDENTIFIED IN THE LIGHTING FIXTURE SCHEDULE "LAMP" COLUMN. H. THE FOLLOWING INFORMATION IS PROVIDED IN THE LAMP SCHEDULE:

WATTS = NOMINAL LAMP WATTAGE — AS DEFINED BY FTC LAMP LABEL RULES.

VOLTS = LAMP OPERATING VOLTAGE — WHEN RELEVANT AS DEFINED BY FTC LAMP LABEL RULES.

I-LUMENS = MINIMUM REQUIRED INITIAL LUMENS - AS DEFINED BY FTC LAMP LABEL RULES.

M-LUMENS = MINIMUM REQUIRED MEAN LUMENS - AS DEFINED BY FTC LAMP LABEL RULES. C.R.I. = MINIMUM REQUIRED COLOR RENDERING INDEX RATING.

LIFE = MINIMUM REQUIRED LIFE RATING IN HOURS — AS DEFINED BY FTC LAMP LABEL RULES. C.B.C.P. = MINIMUM REQUIRED CENTER BEAM CANDLE POWER RATING

B. SPREAD = MINIMUM REQUIRED BEAM SPREAD; 3'. 'K = REQUIRED COLOR TEMPERATURE RATING.

'K +/- = MINIMUM ALLOWABLE COLOR TEMPERATURE SHIFT.

PROVIDE SUBMITTAL DATA PER THE GENERAL SPECIFICATION REQUIREMENTS FOR EACH TYPE OF LAMP USED ON THE PROJECT CONSISTING OF A LAMI MANUFACTURER'S CUT SHEET WITH ALL INFORMATION INCLUDED IN LAMP SCHEDULE. INCLUDE THE LAMP SCHEDULE IDENTIFIER ON EACH SHEET.

FOR ALL MERCHIF-CONTAINING LAWS, SUBMITTAL MUST ALSO INCLUDE TO THE PROPERTY OF THE PROPERTY O



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LIGHTING FIXTURE SCHEDULE



