MECI	ΉΑΝ	IICAL EQUIPMEN	NT CONNECTION	SCHEL	DULE				· ·		vanadina validade	descending from the second		· ve avianemenavione;						•
ELECTRI	CAL [OATA												DISCONN				dete se retu sur		eaty bold for the
	2			7.700.000		INDIVI	DUALEQ	JIPMENT INFO	ORMATI	ON		MANUFACTU	JRER			S	emening one of the second		\$	
TO THE STATE OF TH	5.		the charles of the free free free free and the state of t								TOTAL	UNIT INFO	* .	TYPI		FRAME	FUSE	SUPPI	IED BY	ELECT
MARK		AREA SERVED	LOCATION	VOLT	PН	QTY	kva	FLA	HP	FLA	KVA	MCA	МОСР	F/NF	NEMA	SIZE	AMP	ELECT	МЕСН	NOTES
DUCT	HEA'	TING COIL SCHEDU	LE (ELECTRIC)																	
EDH	1	TENANT SPACE N	PLAY PARK 2	208	3	1	39.00	108.25			39.00		•	F	1			х		2
EDH	2	TENANT SPACE E	PLAY PARK 4	208	.3.:	1	22.00	61.07			22,00			F.	1			X		2
	and American																			
FAN C	OIL I	UNITS				TARE SERVICE														
FC	1	TENANT SPACE N	PLAY PARK 2	208	3	1			1	4.80	1.73			F	1			х		2
FC	2	TENANT SPACE E	PLAY PARK 4	208	3	1.			1/2	2,40	0.86			F	1			X		2
	Administration															-				
EXHAL	JST I	FAN SCHEDULE																		
EF	1	TENANT SPACE N	PLAY PARK 2	120	1.	1			3/4	13.80	1.66			NF				×		1
EF	2	TENANT SPACE E	PLAY PARK 4	120	1	1			3/4	13.80	1.66		*: -	NF				X		1
EF	3	SLEEP - EAT	PLAY PARK 1	120	1	1	0.17	1.42			0.17		3	NE				х		1
													·							
NOTES			794 grandon (1904 - 1904) 16 on dan bermulan (1904) 1904 (1904)										· · · · · · · · · · · · · · · · · · ·			Andreas, come success			ANADORO II NOVANOVI VI NAVA	and the history of the second
	l l	FOR 120V FANS PROV	IDE MOTOR RATED SWI	TCH FOR	LOCAL	DISCON	INECT WI	HERE REQUIR	ED				danah karangan dan dan dan dan dan dan dan dan dan d							
in diamentalistical	2	PROVIDE HACR RATED	BREAKER AT PANEL OR	LOCAL FU	SED D	ISCONN	ECT AT UI	NIT IN LIEU O	F NON-	FUSED			Korondaksiaksiri va visa raisusku susisisya			an and instance in a section of the section of	el a mineria recenina a carina bisa sina.	and the same of the later of the same of t		en redicina e di disconomica e di senso.

	ighting Su	of the Nonresidential and Multifamily Residential	ential	Re	LTG-INT
Project Info	Project Address	CITY DOG		In .	11/5/2013
		800 OLIVE WAY - SUITE # TBD		For Building Depar	tment Use
		SEATTLE, WA 98101			
	Applicant Name:	SEA-TAC ELECTRIC, INC.			
	Applicant Address	7056 S. 220TH STREET - KENT,	WA 98032		
	Applicant Phone:	253-872-5553			
Project Desc	ription	New Building Addition	Alteration	Plans Induded	
		Refer to SEC Section 1513 for	controls and commission	— oning requiremen	ts.
Compliance	Ontion	Prescriptive	Pow er Allow ance	O Systems Analy	rsis O Clea
Compilative		(See Qualification Checklist (over	er). Indicate Prescriptive & LF	A spaces clearly or	plans.)
Alteration Ex	xceptions	No changes are being made t	o the lighting and the space	use has not change	d
(check appropriate	box - sec. 1132.3)	Less than ((60%)) 20% of the replaced ((new-)), installed wa	fixtures <u>or of the lamps plus l</u> ttage not increased, & the sp	pallasts alone are al ace use has not cha	tered added, or
Maximum A	llowed Light	ing Wattage (Interior)			
Location	<u> </u>		Allow ed	Gross Interior	
(floor plan/room#)		Occupancy Description	Watts per ft² **	Area in ft ²	Allow ed x Area
PLAY PARKS	EXERCISE CENTE	R (PLAY PARKS)	0.88	2472	217
GROOMING	WORKSHOP		1.20	419	50
SLEEP & EAT	DWELLING UNITS		1.00	325	32
OFFICE	OFFICE		0.90	94	8
RECEPTION	RETAIL		1.33	488	64
COMMONAREAS	COM M ON AREAS		0.80	402	32
· · · · · · · · · · · · · · · · · · ·					
** Fro	m Table 15-1 (over)	- document all exceptions on form I	_TG-LPA To	otal Allow ed Watts	405
Proposed Li	ghting Wattag	ge (Interior)	·		
Location		and the second s	Number of	Watts/	Watts
(floor plan/room #) COM M ERICAL		Fixture Description DUSTRIAL FIXTURE	Fixtures	Fixture 145	Proposed 188
COMMERICAL	F2 - 4'-0" SURFAC		13		111
COMMERICAL	F3 - 2X2 RECESSE		22		77
COMMERICAL		S (SEE T1 - TRACK SECTION)		35	
COMMERICAL	F5 - GOOSENECK		13	. 35	45
COMMERICAL	F6 - 6" RECESSED		2		
COMMERICAL	T1 - TRACK SECT		3		60
COMMERICAL	X1 - EXIT SIGN	; 	4		
- Juniu Muche					· ·
*	1	And the second s	,	1	

				LA	MP				
ТҮРЕ	MANUFACTURER	SERIES NO. (CATALOG NO.)	VOLT	NO.	ТУРЕ	BALLAST	FIXTURE WATTS	DESCRIPTION	FLAG NOTES
	INTERIOR LIGHTING								
F1:	UTHONIA	TX PA22C	120	1	145W CMH	PULSE START	145	LOW BAY INDUSTRIAL FIXTURE	
F2	LITHONIA	RB232MV	120	2	F32T8	ELECTRONIC <10%THD	58	4'-0" SURFACE MOUNT WRAP	
F3	LITHONIA	2PM3N G B 2 U316 9LD	120	2	F32T8 U-BENT	ELECTRONIC <10%THD	35	2X2 RECESSED PARABOLIC	
F4	JUNO	R533WH	120	1	75W PAR 30		75	TRACK HEADS	
F5	TBD	TBD	120	1	35W MR16		35	GOOSENECK BARN LIGHT	
F6	MAXILUME	HVPL-1X32-E-MVOLT-6101-CL-WH	120	1	32W CFL	ELECTRONIC <10%THD	32	6" RECESSED CAN	
T1	JUNO	T4WH / T38WH	120	N/A:	N/A		50	TRACK SECTION	
X1	LITHONIA	EXG LED EL M6	,		LED		2	EXITSIGN	

GENERAL NOTES

- ALL INDICATED CATALOG NUMBERS REPRESENT A DESIGN BASIS ONLY AND CORRESPOND TO THE LISTED MANUFACTURERS SERIES NUMBER.
 ALL OPTIONS, ACCESSORIES AND/OR FIXTURE COMPONENTS MAY NOT BE REFLECTED IN THIS NUMBER AND CONTRACTOR RESPONSIBLE FOR PROVIDING ALL SUCH ITEMS DISCLOSED IN FIXTURE DESCRIPTION AND/OR SPECIFICATIONS. SUBSTITUTION OF FIXTURE TYPES WILL ONLY BE ACCEPTED IF PHOTOMETRICS, CONSTRUCTION/COMPONENT QUALITY AND DESIGN INTEGRITY ARE SHOWN TO BE EQUAL TO THE DESIGN INTENT. FINAL DISCRETION TO BE DETERMINED BY ENGINEER. ALL SUBSTITUTIONS SHALL INCLUDE PHOTOMETRICS AND BE RECEIVED (5) BUSINESS DAYS PRIOR TO CLOSING FOR ENGINEERING ANALYSIS
- 2. PROVIDE COLD WEATHER BALLASTS FOR ALL OUTDOOR FIXTURES.
- 3. ALL FLUORESCENT AND HID LIGHTING FIXTURES SHALL BE PROVIDED WITH IN-LINE GLR FUSE.
- 4. CONTRACTOR TO VERIFY CEILING CONDITIONS FOR PROPER MOUNTING HARDWARE
- 5 WHERE FIXTURES ARE SHOWN SHADED PROVIDE BATTERY BALLAST WITH REMOTE TEST BUTTON.

6384245

ALL ELECTRICAL MATERIALS &
EQUIPMENT SHALL BE LISTED BY
APPROVED TESTING LAB AND
APPROVED BY THE ELECTRICAL
DIVISION OF THE DEPT. OF
PLANNING AND DEVELOPMENT
SUBJECT TO FINAL APPROVAL
OF FIELD INSPECTOR

CITY DOG
309 OLIVE WAY SUITE#TBD
SEATTLE, WA 98101

REV # C Related MUP:

DRAWN C CHECKED DATE 11/05/

ELECTRICAL SCHEDULES

.

E0.03

GENERAL NOTES:

- 1. ALL CONDUCTORS ARE #12 AWG CU UNLESS NOTED OTHERWISE. MC FEEDER CAN BE USED WHERE APPROPRIATE AND AT CONTRACTOR'S DISCRETION. MC FEEDER SHALL BE SIZED PER NEC REQUIREMENTS.
- 2. MULTI-WIRE BRANCH CIRCUITS SHALL MEET NEC 210.4 REQUIREMENTS.
- 3. COLOR OF ALL WIRING DEVICES AND COVER PLATES SHALL BE AS SELECTED BY THE ARCHITECT, U.N.O.. VERIFY WITH ARCHITECT PRIOR TO ORDERING.
- 4. COORDINATE ALL CABLE PATHWAY ROUTING IN STRUCTURE, FINISHES AND OTHER TRADES PRIOR TO ROUGH-IN.
- 5. EQUIPMENT SHOWN BOLD IS NEW.
- 6. EQUIPMENT SHOWN DASHED IS EXISTING.

FLAG NOTES:

- PROVIDE DATA CABLING AND CONNECTION FOR WEB CAM.
- PROVIDE DATA CABLING AND CONNECTION FOR SECURITY CAMERA.
- 3>> PROVIDE CONNECTION TO SPEAKER.

CITY OF SEATTLE JEPT. OF PLANNING AND DEVELOPMENT

NOV 06 2013

APPROVED Subject to Errors
and Omissions
By Tim Porter
Tim Porter

6384245

ALL ELECTRICAL MATERIALS & EQUIPMENT SHALL BE LISTED BY APPROVED TESTING LAB AND APPROVED BY THE ELECTRICAL DIVISION OF THE DEPT. OF PLANNING AND DEVELOPMENT OF FIELD INSPECTOR

The available fault current requirements of (NEC)
Art. 110-9 & 110-10 must be met by the
Installation of either fully rated equipment or
A listed series rated system

NY SUITE#TBD WA 98101

REV# DATE 11/05/2013

DRAWN CM,IE CHECKED DATE 11/05/2013

CM

POWER PLAN

PERMIT

E2.01

APPROVAL DOES NOT INGLUDE FIRE ALARM

GENERAL NOTES:

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- 4. COORDINATE ALL CABLE PATHWAY ROUTING IN STRUCTURE, FINISHES AND OTHER TRADES PRIOR TO ROUGH-IN.
- 5. EQUIPMENT SHOWN BOLD IS NEW.
- 6. EQUIPMENT SHOWN DASHED IS EXISTING.

ENERGY CODE NOTES:

- 1. ALL LIGHTING NOT INDICATED AS A 24-HOUR NIGHT LIGHT SHALL BE CONTROLLED BY TIMECLOCK OR OCCUPANCY SENSORS. ALL LOCAL SWITCHES SHALL BE DOWNSTREAM OF AUTOMATIC CONTROLS.
- 2. COMMISSIONING REQUIREMENTS: IN ACCORDANCE WITH WSEC 1513.7, ALL AUTOMATIC LIGHTING CONTROLS (INCLUDING TIMERS & OCCUPANCY SENSORS) SHALL BE TESTED TO ENSURE THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS. SEQUENCES OF OPERATION SHALL BE FUNCTIONALLY TESTED TO ENSURE THEY OPERATE IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS. A COMPLETE REPORT OF TEST PROCEDURES AND RESULTS SHALL BE PREPARED AND FILED WITH THE OWNER.
- 3. LIGHTING IN STAIRWELLS SHALL HAVE ONE OR MORE CONTROL DEVICES TO AUTOMATICALLY REDUCE LIGHTING POWER IN ANY ONE CONTROLLED ZONE BY AT LEAST 50% WITHIN 30 MINUTES OF ALL OCCUPANTS LEAVING THAT CONTROLLED ZONE. FOR FURTHER CLARIFICATION REFER TO WAC 1513.6.1.

CITY OF SEATTLE
SEPT. OF PLANNING AND DEVELOPMENT

NOV 0 6 2013 APPROVED Subject to Errors
and Omissions
By Ton Porter

6384245

EXIT SIGNS & ILLUMINATION SHALL COMPLY WITH APPROVED BUILDING PLANS

ALL ELECTRICAL INSTALLATIONS SHALL COMPLY WITH REQUIREMENTS OF SEATTLE ENERGY CODE 1513(1-8)

> ALL ELECTRICAL MATERIALS & PLANNING AND DEVELOPMENT SUBJECT TO FINAL APPROVAL OF FIELD INSPECTOR

#TBD

REV# DATE 11/05/2013

CM,IE

CM

DRAWN CHECKED 11/05/2013 DATE

LIGHTING PLAN

E3.01

GENERAL NOTES:

- 1. ALL CONDUCTORS ARE #12 AWG CU UNLESS NOTED OTHERWISE. MC FEEDER CAN BE USED WHERE APPROPRIATE, AND AT CONTRACTOR'S DISCRETION. MC FEEDER SHALL BE SIZED PER NEC REQUIREMENTS.
- 2. MULTI-WIRE BRANCH CIRCUITS SHALL MEET NEC 210.4 REQUIREMENTS.
- 3. COLOR OF ALL WIRING DEVICES AND COVER PLATES SHALL BE AS SELECTED BY THE ARCHITECT, U.N.O.. VERIFY WITH ARCHITECT PRIOR TO ORDERING.
- 4. COORDINATE ALL CABLE PATHWAY ROUTING IN STRUCTURE, FINISHES AND OTHER TRADES PRIOR TO ROUGH-IN.
- 5. EQUIPMENT SHOWN BOLD IS NEW.
- 6. EQUIPMENT SHOWN DASHED IS EXISTING.

FLAG NOTES:

- 25' TAP RULE APPLIES. CONTRACTOR TO ROUTE ACCORDINGLY AND ADJUST FOR FIELD CONDITIONS AS REQUIRED.
- EF-1 TO BE INTERLOCKED WITH FC-1 AND EF-2 TO BE INTERLOCKED WITH FC-2 SUCH THAT WHEN THE FC IS IN THE OCCUPIED MODE, THE EXHAUST FAN'S MOTORIZED DAMPER WILL OPEN AND THE FAN WILL BE ENERGIZED.
- 3> EF-3 WILL RUN CONTINUOUSLY.

CITY OF SEATTLE JEPT. OF PLANNING AND DEVELOPMENT

NOV 0.6 2013 APPROVED Subject to Errors and Omissions
By Tun Portor

ALL ELECTRICAL MATERIALS & EQUIPMENT SHALL BE LISTED BY APPROVED TESTING LAB AND APPROVED BY THE ELECTRICAL DIVISION OF THE DEPT. OF PLANNING AND DEVELOPMENT SUBJECT TO FINAL APPROVAL OF FIELD INSPECTOR

6384245

The available fault current requirements of (NEC)
Art. 110-9 & 110-10 must be met by the
Installation of either fully rated equipment or
A listed series rated system

REV# DATE 11/05/2013

DRAWN CM,IE

CM

CHECKED DATE 11/05/2013

MECHANICAL POWER PLAN

E4.01

ID NO	FEEDE	ER SCHEDULE ALUN	MUNIN	
03N 3/4 03 3/4 04N 1" 04 1" 05N 1 1/ 05N 1 1/ 05N 1 1/ 05N 1 1/ 06 1 1/ 07N 1 1/ 7 1 1/ 08N 1 1/ 10N 2" 10 1 1/ 12N 2" 12 1 1/ 13N 2" 13 2" 15N 2" 15 20 2 1/ 22N 2 1/ 25N 3° 27 2 1/ 30N 3° 30 3° 34N 3 1/ 34 3° 40N (2) 2 45N (2) 2 45N (2) 2 45N (2) 2 45N (2) 2 50N (2) 2 60N (2) 2 60N (2) 2 60N (2) 3 75N (3) 2 80N (3) 2 90N (3) 2 90N (3) 2 90N (3) 2 90N (3) 2 1000 (3) 1 1000 (3) 1 120N (4) 150N (6) 150N (6)	МТ		AMPACITY/	
03 3/4 04N 1" 04 1" 05N 1 1/ 05N 1 1/ 05N 1 1/ 05 1" 06N 1 1/ 06 1 1/ 07N 1 1/ 7 1 1/ 7 1 1/ 7 1 1/ 7 1 1/ 10N 2" 10 1 1/ 12N 2" 12 1 1/ 13N 2" 13 2" 15N 2" 15 2" 18N 2 1/ 18 2" 15N 2" 15 2" 18N 2 1/ 20 2 1/ 22N 2 1/ 22N 2 1/ 22N 2 1/ 22N 2 1/ 25N 3" 27 2 1/ 30N 3' 30 3' 34N 3 1/ 34 3' 40N (2) 2 45 (2) 2 50N (2) 3 75N (3) 2 80N (3) 2 90N (3) 2 90N (3) 2 90N (3) 2 90N (3) 2 100N (4) 120N (4) 150N (5) 150N (6) (6)	EWAY	WIRE COUNT & SIZE	OCP SIZE	NOTES
04N 1" 04 1" 05N 1 1/ 05N 1 1/ 05 1" 06N 1 1/ 06 1 1/ 07N 1 1/ 7 1 1/ 08N 1 1/ 7 1 1/ 08N 1 1/ 10N 2" 10 1 1/ 12N 2" 12 1 1/ 13N 2" 15N 2" 15N 2" 18N 2 1/ 18N 2 1/ 20N 2 1/ 20N 2 1/ 22N 3" 25N 3" 25 2 1/ 27N 3" 27 2 1/ 30N 3' 34N 3 1/ 34 3' 40N (2) 2 45N (2) 2 45N (2) 2 50N (2) 50N (2) 50 (2) 2 50N (2) 50 (2) 2 50N (3) 75 (3) 2 50N (3) 75 (3) 2 80N (3) 2 90N (3) 90 (3) 100N (3) 2 100N (3) 120N (4) 120 (4) 150N (5) 150N (5)	/4"	4 -#8, 1#8 G	30 / 30	60-deg rating
04 1" 05N 1 1/ 05N 1 1/ 05 1; 06N 1 1/ 06 1 1/ 07N 1 1/ 7 1 1/ 08N 1 1 / 7 1 1/ 08N 1 1 / 10N 2" 10 1 1 1/ 12N 2" 12 1 1 1/ 13N 2" 15N 2" 15N 2" 18N 2 1/ 18 2" 20N 2 1/ 20N 2 1/ 20N 2 1/ 22N 2 1/ 22N 2 1/ 22N 2 1/ 25N 3" 25 2 1/ 27N 3" 27 2 1/ 30N 3' 34N 3 1/ 34 3' 40N (2) 2 45N (2) 2 45N (2) 2 45N (2) 2 45N (2) 2 50N (2) 50N (2) 50 (2) 2 50N (2) 50 (2) 2 50N (2) 50 (2) 2 60N (3) 75N (3) 75 (3) 2 80N (3) 90N (3) 90 (3) 100N (3) 20 (4) 120N (4) 150N (5) 150N (5) 150N (5)	/4"	3 - #8 1#8 G.	30 / 30	60-deg rating
05N 1 1/ 05 1? 06N 1 1/ 06 1 1/ 07N 1 1/ 7 1 1/ 08N 1 1/ 7 1 1/ 08N 1 1/ 10N 2º 10 1 1/ 12N 2º 12 1 1/ 13N 2º 13 2º 15N 2º 18N 2 1/ 18 2º 15N 2º 15N 2º 15N 2º 15N 2º 18N 2 1/ 20N 2 1/ 20N 2 1/ 22N 2 1/ 22N 2 1/ 25N 3º 25 2 1/ 27 2 1/ 30N 3º 30 3º 34N 3 1/ 34 3' 40N (2) 2 45N (2) 3 40 (2) 2 45N (2) 2 45N (2) 2 45N (2) 2 45N (2) 3 40 (2) 2 45N (2) 3 45 (2) 3 45 (2) 3 40 (2) 2 45 (2) 3 45 (2) 3 40 (2) 3 40 (2) 2 45 (2) 3 45 (2) 3 46 (3) 3 47 (3) 3 40 (3) 3 40 (3) 3 40 (4) 4 40 (5) 5 40 (5) 6 40 (5) 6	*	4 -#6, 1#8 G	40 / 40	60-deg rating
05 1" 06N 1 1/7 06 1 1/7 07N 1 1 1/7 7 1 1 1/7 08N 1 1 1/7 10N 2" 10 1 1/1 12N 2" 12 1 1/7 13N 2" 13 2" 15N 2" 15N 2" 15N 2" 15N 2" 15N 2" 15N 3" 25 2 1/7 27 2 1/7 20 2 1/7 21 30N 3" 25 2 1/7 27 2 1/7 30N 3" 27 2 1/7 30N 3" 34N 3 1/7 34 3'7 34 3'7 40N (2) 2 45N (2) 2 50N (2) 3 30 3) 30 30 30 30 30 30 30 30 30 30 30 30 30	(**	3 -#6, 1#8 G.	40 / 40	60-deg rating
06N 1 1/2 06 1 1/2 07N 1 1/2 08N 1 1/2 08N 1 1/2 10N 2" 10 1 1/2 12 1 1/2 13N 2" 15N 2" 15N 2" 15N 2" 15N 2" 15N 2" 20N 2 1/2 20N 2 1/2 20N 2 1/2 22N 2 1/2 25N 3" 25 2 1/2 27N 3" 27 2 1/2 30N 3" 30N 3" 34 3" 34 3" 40N (2) 2 45N (2) 2 45N (2) 2 45N (2) 2 50N (2) 2 60N (2) 2 60N (2) 2	1/4"	4 -#4, 1#8 G.	55 / 50	60-deg rating
06 1 1/ 07N 1 1/ 7 1 1/ 7 1 1/ 7 1 1/ 08N 1 1/ 8 1 1/ 10N 2" 10 1 1/ 12N 2" 12 1 1/ 13N 2" 13 2" 15N 2" 15N 2" 15N 2 1/ 20 2 1/ 22N 2 1/ 22N 2 1/ 22N 2 1/ 22N 2 1/ 25N 3" 25 2 1/ 27N 3" 27 2 1/ 30N 3' 34N 3 1/ 34 3' 40N (2) 2 45 (2) 2 45 (2) 2 45 (2) 2 45 (2) 2 50N (2) 50 (2) 2 60N (2) 50 (2) 2 60N (3) 75 (3) 2 80N (3) 2 80N (3) 2 90N (3) 2 90N (3) 2 100N (5) 150N (6) (6)	ir f	3 - #4, 1#8 G	55 / 50	60-deg rating
06 1 1/ 07N 1 1/ 7 1 1/ 7 1 1/ 7 1 1/ 08N 1 1/ 8 1 1 1/ 10N 2" 10 1 1/ 12N 2" 12 1 1/ 13N 2" 13 2" 15N 2" 15N 2" 15N 2" 15N 2 1/ 20 2 1/ 22N 2 1/ 22N 2 1/ 22N 2 1/ 25N 3" 25 2 1/ 27N 3" 27 2 1/ 30N 3' 30 3' 34N 3 1/ 34 3' 40N (2) 2 45 (2) 2 45 (2) 2 45 (2) 2 50N (2) 50 (2) 2 60N (2) 50 (2) 2 60N (3) 75 (3) 2 80N (3) 80 (3) 2 90N (3) 90 (3) 100N (3) 2 100 (3) 120N (4) 150N (5) 150 (5) 160N (6)	74"	4 -#3, 1#8 G.	65 / 60	60-deg rating
07N 1 1/7 7 1 1/7 08N 1 1/7 08N 1 1/7 10N 2° 10 1 1/7 12N 2° 12 1 1/7 13N 2° 15N 2° 15N 2° 18N 2 1/7 20N 2 1/7 20N 2 1/7 20N 2 1/7 20N 2 1/7 25N 3° 25 2 1/7 30N 3° 30N 3° 30N 3° 34N 3 1/7 35N (2) 2 45N (2) 2 45N (2) 2 <td></td> <td>3 -#3, 1#8 G</td> <td>65 / 60</td> <td>60-deg rating</td>		3 -#3, 1#8 G	65 / 60	60-deg rating
08N 1 1 1/8		4 - #2, 1#6 G.	75 / 70	60-deg rating
8 1 1/ 10N 2" 10 1 1/ 12N 2" 12 1 1/ 13N 2" 13 2" 15N 2" 15N 2" 15N 2 1/ 20 2 1/ 20 2 1/ 20 2 1/ 22N 2 1/ 22N 2 1/ 25N 3" 25 2 1/ 27N 3" 27 2 1/ 30N 3" 27 2 1/ 30N 3" 30 3" 34N 3 1/ 34 3' 40N (2) 2 45 (2) 2 45 (2) 2 50N (2) 60 (2) 2 60N (2) 60 (3) 2 60N (3) 3 60N (3) 2 60N (3) 3 60N (3) 5 60N (3) 5 60N (3) 6 60N (5) 6	/4"	3 -#2, 1#6 G.	75 / 70	60-deg rating
10N 2" 10 1 1/ 12N 2" 12 1 1/ 13N 2" 13 2" 15N 2" 15N 2" 15N 2 1/ 20 2 1/ 20 2 1/ 22N 2 1/ 22N 2 1/ 25N 3" 25 2 1/ 25N 3" 27 2 1/ 30N 3' 30 3' 34N 3 1/ 34 3' 40N (2) 2 45N (2) 2 45N (2) 2 50N (2) 50 (2) 2 50N (2) 50 (2) 2 60N (2) 60 (2) 75N (3) 75 (3) 80N (3) 80 (3) 80 (3) 90N (3) 90N (3) 90N (3) 100N (3) 210N (4) 120 (4) 150N (5) 160N (6)		4 -#1, 1#6 G	85 / 80	60-deg rating
10 1 1/ 12N 2" 12 1 1/ 13N 2" 15N 2" 15N 2" 15N 2" 15N 2 1/ 18 2 1/ 20N 2 1/ 20 2 1/ 20 2 1/ 22N 2 1/ 25N 3" 25 2 1/ 25N 3" 25 2 1/ 27N 3" 27 2 1/ 30N 3' 30 3' 34N 3 1/ 34 3' 40N (2) 2 45N (2) 2 45N (2) 2 50N (2) 2 60N (3) 2 60N (5) (5) (5) (5) (5) (6) (6)		3 -#1, 1#6 G.	85 / 80	60-deg rating
12N 2" 12 1:1/ 13N 2" 13N 2" 15N 2" 15N 2" 15N 2 1/ 18N 2:1/ 18 2" 20N 2:1/ 20 2:1/ 22N 2:1/ 22N 2:1/ 25N 3" 25 2:1/ 27N 3" 27 2:1/ 30N 3" 30 3" 34N 3:1/ 34 3:1/ 34 3:1/ 34 3:1/ 34 3:1/ 34 3:1/ 34 3:1/ 35 (2) 2 45N (2) 2 50N (2) 3 75N (3) 2 80N (3) 2 90N (3) 2 90N (3) 2 100N (5) 150N (5)		4 - #1/0, 1#6 G.	120 / 100	75-deg rating
12 1 1/ 13N 2" 13 2" 15N 2" 15N 2 " 15N 2 " 18N 2 1/ 18 2" 20N 2 1/ 20 2 1/ 22 2 1/ 25N 3" 25 2 1/ 27N 3" 27 2 1/ 30N 3" 27 2 1/ 30N 3" 30 3" 34N 3 1/ 34 3' 40N (2) 2 45N (2) 2 45N (2) 2 45N (2) 2 50N (2) 2 50N (2) 3 30 3' 30 3' 31 34 3' 30 4' 30 5' 30 5'		3 - #1/0, 1#6 G.	120 / 100	75-deg rating
13N 2" 13 2" 15N 2" 15N 2" 15N 2" 18N 2 1/ 18 2" 20N 2 1/ 20 2 1/ 22N 2 1/ 22P 2 1/ 25N 3" 25 2 1/ 27N 3" 27 2 1/ 30N 3" 30 3" 34N 3 1/ 34 3" 40N (2) 2 45 (2) 2 45N (2) 2 50N (2) 50 (2) 2 60N (2) 50 (3) 2 90N (3) 90 (3) 100N (3) 2 90N (3) 120N (4) 120 (4) 150N (5) 150 (5) 160N (6)	A CONCLUSION OF THE PARTY OF	4 - #1/0, 1#4 G	120 / 110	75-deg rating
13 2" 15N 2" 15N 2" 18N 2 1/ 18 2" 20N 2 1/ 20 2 1/ 22N 2 1/ 22L 2 1/ 25N 3" 25 2 1/ 27N 3" 27 2 1/ 30N 3" 30 3" 34N 3 1/ 34 3" 40N (2) 2 40 (2) 2 45N (2) 2 50N (2) 50 (2) 2 60N (2) 50 (3) 2 75N (3) 75 (3) 2 80N (3) 2 90N (3) 90 (3) 100N (3) 2 100 (3) 120N (4) 150N (5) 150 (5) 150 (5)		3 - #1/0, 1#4 G.	120 / 110 135 / 125	75-deg rating 75-deg rating
15N 2" 18 2" 18N 2 1/ 18 2" 20N 2 1/ 20N 2 1/ 20 2 1/ 22N 2 1/ 22P 2 1/ 25N 3" 25 2 1/ 27N 3" 27 2 1/ 30N 3" 30 3" 34N 3 1/ 34 3" 40N (2) 2 40 (2) 2 45N (2) 2 50N (2) 50 (2) 2 60N (3) 75 (3) 2 80N (3) 80 (3) 2 90N (3) 90N (3) 90N (3) 100N (3) 2 100N (4) 120N (4) 150N (5) 150N (5) 150N (5)		4 - #2/0, 1 #4 G. 3 - #2/0, 1 #4 G.	135 / 125 135 / 125	75-deg rating
15 2" 18N 2 1/ 18 2" 20N 2 1/ 20 2 1/ 20 2 1/ 22N 2 1/ 25N 3" 25 2 1/ 27N 3" 27 2 1/ 30N 3" 30 3" 34N 3 1/ 34 3" 40N (2) 2 45N (2) 2 45N (2) 2 50N (2) 50N (3) 75 (3) 75 (3) 80N (3) 80 (3) 2 90N (3) 90N (3) 90N (3) 100N (3) 2 120N (4) 150N (5) 150N (5) 150N (5)	S	3 - #2/0, 1 #4 G. 4 - #3/0, 1 #4 G.	155 / 150	75-deg rating
18N 2 1/ 18 22 2 20N 2 1/ 20N 2 1/ 20N 2 1/ 22N 2 1/ 22N 2 1/ 25N 3 2 25 2 1/ 27N 3 3 27 2 1/ 30N 3 3 30 3 3 34N 3 1/ 34 3 3 40N (2) 2 40 (2) 2 45N (2) 2 45N (2) 2 50N (2) 3 50 (2) 2 50N (2) 3 50N (3) 3 75 (3) 2 80N (3) 2 90N (3) 3 90N (3) 2 100N (3) 2 100N (3) 2 100N (4) 150N (5) 150N (5) 150N (5) 150N (5) 150N (5) 150N (5) 150N (6) (6)	- i.	3 -#3/0, 1 #4 G	155 / 150	75-deg rating
18 2" 20N 2 1/ 20 2 1/ 20 2 1/ 22N 2 1/ 22 2 1 / 25N 3" 25 2 1/ 27N 3" 27 2 1/ 30N 3" 30 3" 34N 3 1/ 34 3" 40N (2) 2 40 (2) 2 45N (2) 2 45N (2) 2 50N (2) 50 (2) 2 60N (2) 50 (2) 2 60N (2) 50 (2) 2 60N (2) 75N (3) 75 (3) 2 80N (3) 80 (3) 2 90N (3) 90 (3) 100N (3) 2 100 (3) 120N (4) 150N (5) 150 (5) 160N (6)		4 -#4/0, 1 #4 G.	180 / 175	75-deg rating
20N 2 1/ 20 2 1/ 22N 2 1/ 22 2 1/ 25N 3° 25 2 1/ 27N 3° 27 2 1/ 30N 3° 30 3° 34N 3 1/ 34 3° 40N (2) 2 45N (2) 2 45N (2) 2 45N (2) 2 50N (2) 50 (2) 2 60 (2) 75N (3) 75 (3) 2 80N (3) 80 (3) 2 90N (3) 90N (3) 100N (3) 2 120N (4) 150N (5) 150N (6)	Annables areas	3 - #4/0, 1 #4 G.	180 / 175	75-deg rating
22N 2 1/ 22 2 1/ 25N 3º 25 2 1/ 27N 3º 27 2 1/ 30N 3º 30 3º 34N 3 1/ 34 3º 40N (2) 2 45 (2) 2 45 (2) 2 45 (2) 2 50N (2) 50 (2) 2 60N (2) 60 (2) 75N (3) 75 (3) 2 80N (3) 2 90N (3) 90N (3) 100N (3) 2 100N (4) 150N (5) 150N (6)		4 -250kcmil, 1 #4 G.	205 / 200	75-deg rating
22 2 1/ 25N 3 ¹ 25 2 1/ 27N 3 ¹ 27 2 1/ 30N 3 ¹ 30 3 ¹ 34N 3 1/ 34 3 ¹ 40N (2) 2 45 (2) 2 45N (2) 2 45N (2) 2 45N (2) 2 50N (2) 50 (2) 2 60N (2) 60 (2) 75N (3) 75 (3) 2 80N (3) 2 80N (3) 2 90N (3) 2 100N (3) 2 120N (4) 150N (5) 150N (6)	1/2"	3 -250kcmíl, 1 #4 G.	205 / 200	75-deg rating
25N 3° 25 2 10 27N 3° 27 2 17 30N 3° 30 3° 34N 3 10 34 3° 40N (2) 2° 45N (2) 2° 45N (2) 2° 50N (2) 50 (2) 2° 60N (2) 60 (2) 2° 60N (3) 75 (3) 2° 80N (3) 80 (3) 2° 90N (3) 2° 90N (3) 2° 100N (3) 2° 100N (4) 150N (5) 150N (6) 150N (6)		4 -300kcmil, 1 #2 G:	230 / 225	75-deg rating
25 2 1/ 27N 3' 27 2 1/ 30N 3' 30 3' 30 3' 34N 3 1/ 34 3' 40N (2) 2 40 (2) 2 45N (2) 2 45 (2) 2 50N (2) 50 (2) 2 60N (2) 60 (2) 75N (3) 75 (3) 2 80N (3) 80 (3) 2 90N (3) 90N (3) 100N (3) 2 120N (4) 150N (6)		3 -300kcmil, 1 #2 G.	230 / 225	75-deg rating
27N 3' 27 2 1/ 30N 3' 30 3' 34N 3 1/ 34 3' 40N (2) 2 40 (2) 2 45N (2) 2 45 (2) 2 50N (2) 50 (2) 2 60N (2) 60 (2) 75N (3) 75 (3) 2 80N (3) 80 (3) 2 90N (3) 90 (3) 100N (3) 2 120N (4) 150N (5) 150N (6)		4-350kcmil, 1 #2 G.	250 / 250	75-deg rating
27 2 1/ 30N 3 ¹ 30 3 ¹ 34N 3 1/ 34 3 ¹ 40N (2) 2 40 (2) 2 45N (2) 2 45 (2) 2 50N (2) 50 (2) 2 60N (2) 60 (2) 75N (3) 75 (3) 2 80N (3) 2 90N (3) 90 (3) 100N (3) 2 100N (4) 150N (6)	· · .	3-350kcmil, 1 #2 G	250 / 250	75-deg rating
30N 3' 30 3' 34N 3 1/ 34 3' 40N (2) 2 45 (2) 2 45N (2) 2 50N (2) 50N (2) 60 (2) 75N (3) 75 (3) 2 80N (3) 80 (3) 2 90N (3) 90 (3) 100N (3) 2 100 (3) 120N (4) 150N (5) 150N (6)	Not the street, and the	4-400kcmil, 1 #2 G	270 / 250	75-deg rating
30 3' 34N 3 1/ 34 3' 40N (2) 2 40 (2) 2 45N (2) 2 50N (2) 50 (2) 2 60N (2) 60 (2) 75N (3) 75 (3) 2 80N (3) 80 (3) 2 90N (3) 90 (3) 100N (3) 2 100 (3) 120N (4) 150N (5) 150N (6)		3-400kcmil, 1 #2 G 4-500kcmil, 1 #2 G	270 / 250 310 / 300	75-deg rating 75-deg rating
34N 3 1/34 3' 34 3' 40N (2) 2 40 (2) 2 45N (2) 2 45N (2) 2 50N (2) 50N (2) 60N (2) 60 (2) 75N (3) 75 (3) 2 80N (3) 80 (3) 2 90N (3) 90 (3) 100N (3) 2 100 (3) 120N (4) 120 (4) 150N (5) 160N (6)		3-500kcmil, 1 #2 G.	310 / 300	75-deg rating
34 3' 40N (2) 2 40 (2) 2 45N (2) 2 45N (2) 2 50N (2) 50 (2) 2 60N (2) 60 (2) 75N (3) 75 (3) 2 80N (3) 2 90N (3) 90 (3) 100N (3) 2 100N (3) 120N (4) 150N (5) 150N (6)		4-600kcmil, 1 #1 G.	340 / 300	75-deg rating
40N (2) 2 40 (2) 2 45N (2) 2 45N (2) 2 50N (2) 50 (2) 2 60N (2) 60 (2) 75N (3) 75 (3) 2 80N (3) 2 80N (3) 2 90N (3) 90 (3) 100N (3) 2 120N (4) 120 (4) 150N (5) 160N (6)		3-600kcmil, 1 #1 G.	340 / 300	75-deg rating
40 (2) 2 45N (2) 2 45 (2) 2 50N (2) 2 50N (2) 2 60N (2) 2 60 (2) 75N (3) 2 80N (3) 2 80N (3) 2 90N (3) 2 90N (3) 2 100N (3) 2 120N (4) 120 (4) 150N (5) 150 (5) 160N (6)		4 -250kcmil, 1 #1 G.	410 / 400	75-deg rating
45N (2) 2 45 (2) 2 50N (2) 2 50N (2) 2 60N (2) 60 75N (3) 2 80N (3) 2 80N (3) 2 90N (3) 90 100N (3) 2 100N (3) 2 120N (4) 120 150N (5) 150N (6)		3 -250kcmil, 1 #1 G.	410 / 400	75-deg rating
50N (2) 50 (2) 2 60N (2) 60 (2) 75N (3) 75 (3) 2 80N (3) 2 90N (3) 90 (3) 100N (3) 2 100N (3) 2 120N (4) 120 (4) 150N (5) 150N (6)	2 1/2"	4 -300kcmil, 1 #1/0 G.	460 / 450	75-deg rating
50 (2) 2 60N (2) 60 (2) 75N (3) 75 (3) 2 80N (3) 2 90N (3) 90 (3) 100N (3) 2 100N (3) 2 120N (4) 120 (4) 150N (5) 150N (6)	2 1/2"	3 -300kcmil, 1 #1/0 G.	460 / 450	75-deg rating
60N (2) 60 (2) 75N (3) 75 (3) 2 80N (3) 2 90N (3) 90 (3) 100N (3) 2 100 (3) 120N (4) 120 (4) 150N (5) 160N (6)		4-350kcmil, 1 #1/0 G.	500 / 500	75-deg rating
60 (2) 75N (3) 75 (3),2 80N (3) 80 (3),2 90N (3) 90 (3) 100N (3),2 100 (3) 120N (4) 120 (4) 150N (5) 150 (5) 160N (6)		3-350kemil, 1 #1/0 G	500 / 500	75-deg rating
75N (3) 75 (3),2 80N (3),2 90N (3),2 90N (3),3 90 (3),2 100N (3),2 100N (3),2 100 (3),1 120N (4),1 120N (4),1 150N (5),1 150N (6),1 160N (6),2		4-500kcmil, 1 #2/0 G.	620 / 600	75-deg rating
75 (3).2 80N (3).2 90N (3).2 90N (3).2 100N (3).2 100N (3).2 120N (4).120N (4).150N (5).150N (6).160N (6).		3-500kcmil, 1 #2/0 G 4-350kcmil, 1 #3/0 G	620 / 600 750 / 750	75-deg reting 75-deg reting
80N (3) 80 (3) 2 90N (3) 90 (3) 100N (3) 2 100 (3) 120N (4) 120 (4) 150N (5) 150 (5) 160N (6)		3-350kcmil, 1 #3/0 G.	750 / 750 750 / 750	75-deg rating 75-deg rating
80 (3) 2 90N (3) 90 (3) 100N (3) 2 100 (3) 120N (4) 120 (4) 150N (5) 150 (5) 160N (6)	******************	4-400kcmil, 1 #3/0 G	810 / 800	75-deg rating
90N (3) 90° (3) 100N (3) 2 100 (3) 120N (4) 120 (4) 150N (6) 150 (5) 160N (6)		3-400kcmil, 1 #3/0 G	810 / 800	75-deg rating
90 (3) 100N (3) 2 100 (3) 120N (4) 120 (4) 150N (6) 150 (5) 160N (6)	13"	4-500kcmil, 1 #4/0 G.	930 / 900	75-deg rating
100N (3) 2 100 (3) 120N (4) 120 (4) 150N (6) 150 (5) 160N (6)		3-500kcmil, 1 #4/0 G.	930 / 900	75-deg rating
100 (3) 120N (4) 120 (4) 150N (5) 150 (5) 160N (6)		4-600kcmil, 1 #4/0 G.	1020 / 1000	75-deg rating
120 (4) 150N (5) 150 (5) 160N (6))3"	3-600kcmil, 1 #4/0 G.	1020 / 1000	75-deg rating
150N (5) 150 (5) 160N (6)) 3"	4-500kcmil, 1 #250 G.	1240 / 1200	75-deg rating
150 (5) 160N (6))3"	3-500kcmil, 1 #250 G	1240 / 1200	75-deg rating
160N (6)) 3"	4-500kcmil, 1 #350 G	1550/1500	75-deg rating
فيكتب بالمصاحب والمستصور والمتناف والمراجع والم		3-500kcmil, 1 #350 G	1550/1500	75-deg rating
160 (6)2		4-400kcmil, 1 #350 G.	1620/1600	75-deg rating
		3-400kcmil, 1 #350 G.	1620/1600	75-deg rating
	2 1/2") 3"	4-600kcmil, 1 #400 G 3-600kcmil, 1 #400 G	2040/2000 2040/2000	75-deg rating 75-deg rating
200 (0)	Z	-y-uunuma, 1:#900 U:	LUTH LUUU	13 358 191118

NOTE: Based on THHN insulation, EMT conduit and Chapter 9, Table 4 and Table 5a for compact AL wire, of the NEC, 2008 edition.

* - Indicates acceptable overcurrent device rating for single feeder. This rating shall not be used for sizing parallel feeders.

** - Indicates overcurrent protective device rating that may be used for this feeder. The Contractor shall install feeder size indicated even if Code allows smaller to be used.

							P	ANEL	SCI	HEDU	LE									
PANEL: L1		LOC	SATION:	PLAYPARK	#5			VOL	.TS:	208	¥//	120	P	3	W:	4			11	
AMP: 400 ML	MCB X		1		orania Orania			AIC RAT	IN C		liadin.			1	W	OUNT	x su	RFACE	—	LUSH
			0736 F.	\$				440044444		-1-65000-1401-1					mpresentation	12-1-1-1-1-1				VIA 75KVA XFM
TYPE: EXISTING	NEW X	E production and the	STYLE:					NEUTE	(AL		1				- FER	PRUM	RE IAII	awnunn	UARU	AM LOKAW YEIN
ananananan lahanan anan anan anan anan a				LOAD	LOAD	CKT BKR	P	CIR #	P	CIR	P.	CKT BKR	LOAD KVA	LOAD TYPE	in in the second		CHROW	IT DESCRI <u>pt</u> i		Mahimbin dari mahalah dari ota
	T DESCRIPTION			TYPE	KVA 4.00	20	1	1 1	+::			20	058	VG		CMIDA		ARY#5		
EC - PLAY PARK #5, PL/ OS STATION - RECEPTION		k-e		REC MISC	1.08	20	1	3	17	2 4	-X	20	0.58	LTG	ete Cesterababatatet etabete		Augariate de da la particulata de la constanta	ARK#4	Y -	***************************************
OS STATION - RECEPTION		***************************************		MISC	1.00	20	1	5	X	- 6			9.00)E \$353	SPACE	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1124316		-	
EC -RECEPTION PLAY	and and representation of the second	DADK #0 DI	AVDADL	REC	0.72	20	1	7	171				 		SAC	*****			_	
EC (DED)-VACUUM	ENTRY HOUSE	runismz, i il	ALL EXISE	MTR	1.68	20	-	9	В	10	1	20	0.77	LTG			NEST A N	TOPS OF	SET/B	ATHROOMS
F-2				MTR	1.66	20	1	11	6	12		- 44	128	I TO	LTC.	3 NO CHOI	×		<u> </u>	ATTICOCHIC
DALIFT			<u> </u>	MTR	1.92	20	1	13		14	1	20	V 73	Yig		OWRA	PLAY	ARK #1	Y	
VASHER & DRYER (STAC	KEDY	 	 	MISC	2.68	30	2	15	11	16			<u> </u>	-134	SPACE	******		· · CARAGE		
A SOUTH A PINILING ITS			***************************************	MISC	2.68	1		17		J 8	ļ				SPACE	olalatatabatabatabatab	***************************************		11	
REC (DED) - GROOMING T	ARIF	1	 	MTR	1.19	20	1	19		20		00	0.45	∕ \			Grove	RECEPTION	_	
REC (DED) - GROOMING T				MTR	1.19	20	1	21	В	22	7	20	0.54	LTG		ECEPT				
EC (DED)+ GROOMING T		***************************************		MTR	1.19	20	1	23	c	24	1	20	1.83	MTR	EF-1.E					
EC (DED)-HYDROSURO				MTR	0.18	20	1	25	Ā	26	3	20	0.58	MTR	FC-1					
EC (DED)-HYDROSUR(.,		***************************************	MTR	0.18	20	1.	27	В	28	÷.		0.58	MTR						
EC - GROOMING/RESTR	****			REC	0.90	20	1	29	c	30	4.	-	0.58	MTR		:				
EC (DED) - REFER		1	 	REC	1.80	20	1	31	A	32	3	20	0.29	MTR	FC-2					,44,44,53,53,54,652,54,54,64,64,64,64,64,64,64,64,64,64,64,64,64
EC (DED)-MICROWAVE				REC	1.00	20	1	33	В	34	 		0.29	MTR	-					
EC (DED) - DISHWASHE	เหล่ารู้จะเหมาะรู้จะเหมาะเหมาะเหมาะเหมาะรู้จุดเม			REC	0.80	20	1	35	c	36			0.29	MTR	-		T I			
DH-2				MISC	7.33	100	3	37	A	38	3	125	13.00	MISC	EDH-1			·		
				MISC	7.33	 ,	.+:	39	В	40	4	- ÷.	13.00	MISC						
***************************************			***************************************	MISC	7.33	-	#:-	41	c	42		7.	13.00	MISC				•		
***************************************				***************************************																
STIMATED MAXIMUM D	EMAND (EMD) O	ALCULATIO)NS																	
															-					• •
AD SUMMARY:	LOAD TYPE:	CONNEC	CTED:	E.M.D.	CALCULATI	ED			-	at intended three	: 		Anni Alistonia	177	in intra-return			distributed best book.		
GHTING	LTG	4 02	KVA	815	KVA (125	:%\\			-		di			CONNEC	TED PH	ASE LC	ADING	ch av-Maaron on oh-aron		
ESIDENT LTG/RECPT	RES	0.00	d ii iddi nan		KVA (10	i Simonona	 ሬኒ		-	votet om dje om	in mary man			4 beriebbereiten	ASE A:			*** *********************************		
MALL APPLIANCE	RES	0.00	-hardinantrane	3.4.1.1.1.1.1.1	KVA (10	- <i>December</i> 1401			-650	alahida kelabia		<u> </u>	lunera au anticana	danaman marangin	IASE B:		ikini ili ili aasaa	detal indication and a		emedicenteracionalizate
ARGEST MOTOR		1.92	- Contact and the Contact and	in an annual comment of the second	KVA (125	· contractions	7d	01. BANK AN AN AN AN AN	- [ara de Lagri es differ. Verden	laansassassassas	de um qui mai can anca		riginam manamah canca i canca i c	IASE C:	yra onapasinian k	Na distribution and with dissection	anamana mananana ana	····· }	
EMAINING MOTORS	MTR	11.68			KVA (100				-13-31		i			518			13.25.6			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
EN PURPOSE RECPT	REC	anta an an an an an an an an an	KVA		KVA (50		/A)													
OMPUTER RECPT	MISC	0.00	KVA	0.00	KVA (100	1%)				GENE	RAL N	OTES	<u>*</u>							
QUP/OTHER	MISC	7.35	KVA:	7.35	KVA (100	9%)				1										EUTRAL WIRE
EATING	MISC	60.99			KVA (100				-	-										LUNGROUNDE
LEVATOR TICHEN EQPT	ELEV KITCH		KVA KVA		KVA@ KVA@	100% 65%		4	-466		******************			JINI OF ORI ITED OR PRI		part and representations of the			10,120,000,000,000,000	PARATE NEUTRA
teribiliphening deribiliphening	INTEGER		****		ILVA CE	30 70 ·	-11. 20.2211.17	-	1	***************************************	CALD		CAT WILLIAM	ULU UK FR	×11.4. 188	LIFUL	LICH	arun on/	S(LU-I)	HINA
TOTALS		93.17	KV/A	94.88	ΙΑ/Δ				-1	FIΔG	NOTE	· S:				possibilitari	rin I in in		i-l-l-	
ISONE 4	+	258.60		263.35	in a series and a series and a series and	ļ		<u> </u>	-[1111]	1		134					-	4-1-1/114-144-1-1/		
accontantantapped communications and analysis		asana a bahasan a				-		- Printerior de la companie de la co	1	a, stanifeter:	ALIAN MARINE	111.111.1111.1111.	H. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		1		T			antinida atamata da Sasterati : :
LOAD TYPE I	IOTES:					1														
"COMB" = COMBINATION	*****************************	N NDICATE	DCIRC	ЛТ		I														
		CHARLE ACTO	CE CALLICATE	LOAD TAKE	LATINITAL	ATEN	CALABI	rs.	1000		1	1	I				1. T		T. T.	

GENERAL NOTES:

- 1. ALL CONDUCTORS ARE #12 AWG CU UNLESS NOTED OTHERWISE. MC FEEDER CAN BE USED WHERE APPROPRIATE AND AT CONTRACTOR'S DISCRETION. MC FEEDER SHALL BE SIZED PER NEC REQUIREMENTS.
- 2. RISER DIAGRAM IS NOT REPRESENTATIVE OF ACTUAL SWITCHBOARD LAYOUT. SEE ELECTRICAL ROOMS OR PANEL LOCATIONS (SHEET E2.01-E2.08) AND PANEL SCHEDULES (SHEET E5.02-E5.03) FOR PHYSICAL LAYOUT WITH RESPECT TO ACTUAL MANUFACTURED AND POTENTIAL INSTALLED CONDITIONS.
- 3. EQUIPMENT SHOWN BOLD IS NEW.
- 4. EQUIPMENT SHOWN DASHED IS EXISTING.
- 5. FIELD VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- 6. ALL SWITCHBOARDS AND PANELBOARDS SUPPLIED BY A FEEDER SHALL BE MARKED TO INDICATE THE DEVICE OR EQUIPMENT WHERE THE POWER SUPPLY ORIGINATES PER NEC 408.4(B).

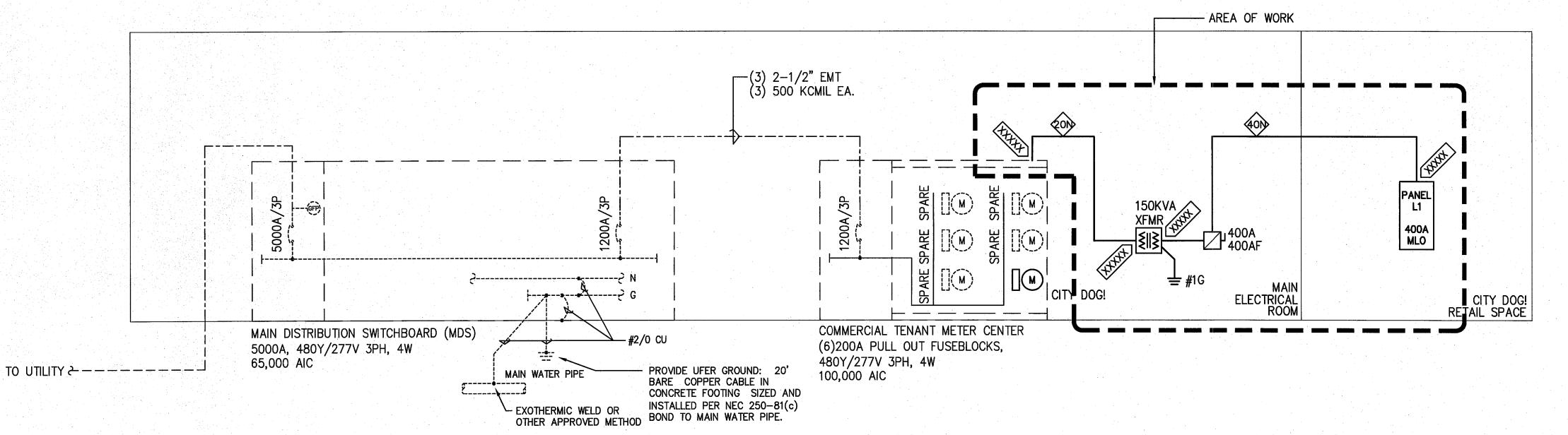
JEPT. OF PLANNING AND DEVELOPMENT

NOV 0 6 2013

6384245

ALL ELECTRICAL MATERIALS & EQUIPMENT SHALL BE LISTED BY APPROVED TESTING LAB AND APPROVED BY THE ELECTRICAL DIVISION OF THE DEPT. OF PLANNING AND DEVELOPMENT SUBJECT TO FINAL APPROVAL OF FIELD INSPECTOR

The available fault current requirements of (NEC)
Art. 110-9 & 110-10 must be met by the
Installation of either fully rated equipment or
A listed series rated system



ONE-LINE RISER DIAGRAM SCALE: NTS

APPROVAL DOES ALARM

809 OLIVE W SEATTLE

REV#	DATE
\triangle	11/05/2013
DRAWN	CM,IE

CHECKED CM DATE 11/05/2013

ONE-LINE RISER DIAGRAM AND PANEL SCHEDULE

PERMIT

E5.01

5 208Y/120V 3PH 4W FED FROM 'HD' NORMAL BRANCH

FOR PANELBOARDS AND ATS

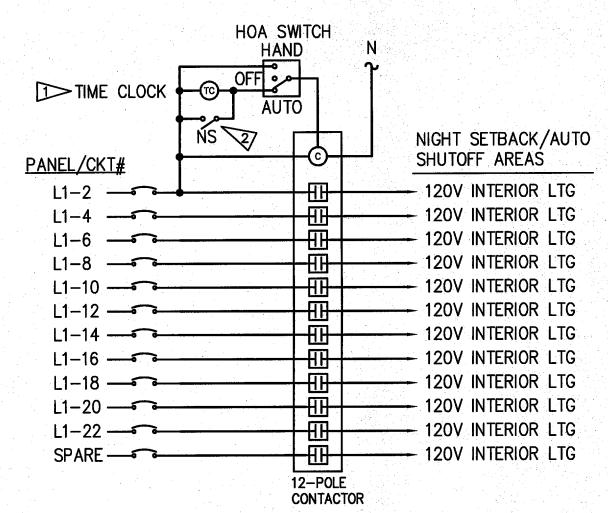
TYPE 2
PANFI 'TRD'

480/277V 3PH 4W
FED FROM UTILITY #1
NORMAL BRANCH

FOR SWITCHBOARDS AND TRANSFORMERS

GENERAL NOTES:

- 1. SECURE NAMEPLATE TO SURFACES.
- 2. NAMEPLATE TO BE 1/16" PHENOLIC PLASTIC LAMINATE WITH COLORS AS FOLLOWS "NORMAL BRANCH": FACE TO BE BLACK, ENGRAVED LETTERS TO BE WHITE.
- 1 PANEL NAME IDENTIFICATION DETAIL
 SCALE: NTS



GENERAL NOTES:

1. ALL DAYLIGHTED AREAS IN THIS PROJECT ARE ROOMS LESS THAN 300SF, NO DAYLIGHT CONTROLS REQUIRED.

ROUTE UNSWITCHED HOT CIRCUIT TO ALL BATTERY EGRESS LIGHTS AS INDICATED.

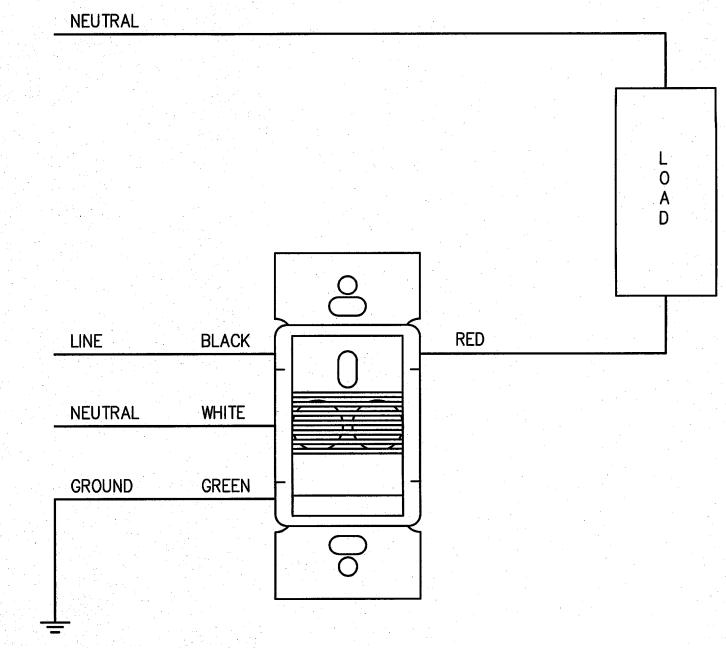
FLAG NOTES:

PROVIDE SINGLE-CHANNEL 24 HOUR/7-DAY/HOLIDAY PROGRAMMABLE TIMECLOCK WITH BATTERY BACKUP, COMPLIANT WITH WASHINGTON STATE STATE ENERGY CODE REQUIREMENTS. COORDINATE PROPER INPUT VOLTAGE.

PROVIDE SUITABLE NIGHT SETBACK CONTROL WITH FLICKER WARNING FUNCTION TO PROVIDE UP TO TWO HOUR OPERATION. PARAGON ET1100F OR EQUAL.

PROVIDE 4-SCENE PROGRAMMABLE LIGHTING CONTROLLER AND OCCUPANCY SENSOR IN LIEU OF AUTOMATIC DAYLIGHT CONTROLS PER WASHINGTON STATE ENERGY CODE REQUIREMENTS.

4 INTERIOR AUTOMATIC LIGHTING CONTROLS
SCALE: NTS

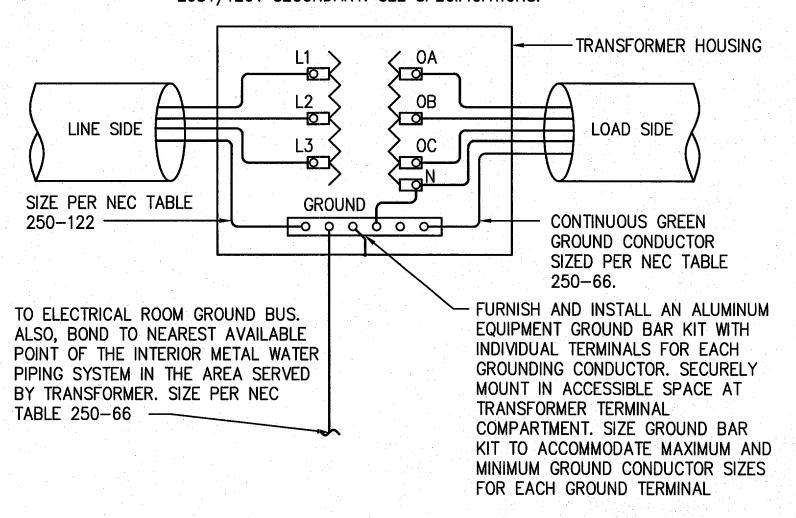


GENERAL NOTES:

1. EMERGENCY BATTERY PACKS (WHERE INDICATED ON PLANS) SHALL BE PROVIDED AN UNSWITCHED 'EMERGENCY BRANCH' PHASE CONDUCTOR IN ADDITION TO THE SWITCH LEG OF THE SAME CIRCUIT.

WIRING DIAGRAM-OCCUPANCY SENSING WALL SWITCH
SCALE: NTS

TYPICAL DRY TYPE TRANSFORMER 480V DELTA PRIMARY 208Y/120V SECONDARY. SEE SPECIFICATIONS.



TYPICAL TRANSFORMER GROUNDING DETAIL

SCALE: NTS

ALL ELECTRICAL MATERIALS &
EQUIPMENT SHALL BE LISTED B
APPROVED TESTING LAB AND
APPROVED BY THE ELECTRIC
DIVISION OF THE DEPT. OF
PLANNING AND DEVELOPMENT
SUBJECT TO FINAL APPROVAL
OF FIELD INSPECTOR

6384245

CITY DOG
09 OLIVE WAY SUITE#TBD
SEATTLE, WA 98101

REV#	DATE
<u></u>	11/05/2013
	·
DRAWN	CM,IE

CHECKED CM DATE 11/05/2013

ELECTRICAL DETAILS

RMIT SET

E6.01