

MOTOR CONNECTION AS REQUIRED TELEPHONE OUTLET WITH 3/4" CONDUIT TO CEILING SPACE OR AS SHOWN PAY TELEPHONE OUTLET WITH 1-1/2" CONDUIT TO MAIN TELEPHONE BOARD TELEVISION JACKS, QUANTITY AS INDICATED CONDUIT IN CEILING OR WALL, 1/2" MIN. CONDUIT UNDERGROUND OR FLOOR, 3/4" MIN. HOME RUN TO PANEL WITH CIRCUIT NUMBER, SLASHES INDICATE NUMBER OF CONDUCTORS INDICATES WIRES AND CONDUIT OTHER THAN #12,1/2"C C - METALLIC CONDUIT, PVC - PLASTIC CONDUIT ISOLATED GROUND OR GROUND CONDUCTOR EDP CABLE. SEE SPECIFICATIONS. FLEXIBLE CONDUIT CONNECTION AS REQUIRED TRANSFORMER 277-120V SQ-D 9070 K50 D4 CONTROL TRANSFORMER W/UE7 ENCLOSURE 3/4"x4'x8' PAINTED TELEPHONE BOARD BRANCH PANEL GROUNDING PER CODE OR 3/4" DIAMETER 10' LONG STAINLESS STEEL GROUND ROD MECHANICAL UNIT EQUIPMENT TYPE WEATHER PROOF CONDUIT ONLY WITH PULL WIRES C.O. LIGHTING CONTROL CENTER INDICATES MOUNTING HEIGHT OF EQUIPMENT/OUTLET CENTER LINE ABOVE FINISH FLOOR MAIN SWITCHBOARD MAIN DISTRIBUTION PANEL MAIN LUGS ONLY DROP CORD COPPER ABOVE FINISH FLOOR GROUND FAULT CIRCUIT INTERRUPTER

ONE LINE DIAGRAM NOTES:

E.C. IS TO VERIFY WITH THE UTILITY COMPANY THE SHORT CIRCUIT AVAILABLE. PROVIDE ELECTRICAL SWITCHBOARD WITH SUFFICIENT FAULT CURRENT PROTECTION SO THAT ALL ELECTRICAL EQUIPMENT DOWN STREAM WILL NOT EXCEED ITS FAULT CURRENT RATING. PANELBOARDS TO BE UL TESTED, LISTED AND LABEL WITH SERIES CONNECTED RATINGS TO MEET OR EXCEED AVAILABLE FAULT CURRENT. PROVIDE FAULT CURRENT DEVICES FOR THE MAIN SWITCHBOARD AS REQUIRED BY STATE LOCAL, AND THE NATIONAL ELECTRICAL CODES. PROVIDE BONDING BETWEEN SECTIONS FOR MULTISECTION SWITCHBOARDS AND PANEL BOARDS.

ELECTRICAL EQUIPMENT INCLUDING SWITCHBOARD, DISTRIBUTION BOARD AND TRANSFORMERS SHALL BE EQUIPPED WITH NON COMBUSTIBLE SPRINKLER HOOD OR SHIELD.

EXCEPT FOR VENTILLATION OPENINGS PER NEC 450-21 (b).

PROVIDE METAL SHEET PAN UNDER ALL FREE STANDING ELECTRICAL PANEL BOARDS ON COMBUSTIBLE FLOOR. DRY TYPE TRANSFORMERS OVER 112.5KVA SHALL BE COMPLETELY ENCLOSED

1 OVERHEAD FEEDER

E,C TO MEASURE THE VOLTAGE AT PANELS P8 & P9, IF THE VOLTAGE LESS THAN 208V, E.C. SHALL ADJUST THE TAPS AT TRANSFORMER T2.

GENERAL NOTES:

1. DO NOT RUN UNDERGROUND CONDUITS UNDER FREEZERS IN SLAB. UNDERGROUND CONDUITS SHALL BE 24" BELOW SLAB.

2. MOUNT ALL OVERHEAD CONDUITS AT 25' MINIMUM IN MAIN BUILDING.

3. MININUM WIRE & CONDUIT SIZE ARE #12 CU 1/2"C. TYP.

PLAN NOTES:

(i) PANELS/SWITCHBOARD/TRANSFORMERS PROVIDED AND INSTALLED BY HUSSMANN.

(2) PANELS/SWITCHBOARD/TRANSFORMERS PROVIDED BY HUSSMANN AND INSTALLED BY ELECTRICAL CONTRACTOR.

<u>2</u>10/23/00

(3) FEEDER PROVIDED AND INSTALLED BY HUSSMANN.

(4) FEEDER PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.

(6) GROUNDING PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.

& EC SHALL VERIFY WIRING IN EDE'S COMPLIES WITH DRAWING AND SPECIFICATION. (A) PANEL/UPS PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.

LOAD CALCULATION	208/120V	480/277V
	(KVA)	(KVA)
LIGHTING	6.61	304.02
RECEPTACLES	121.60	0.00
FREEZER/COOLER	116.27	555.45
UNIT HEATERS/BASEBOARD	4.50	0.00
BATTERY CHARGERS	12.48	100.10
AIR CONDITIONING	8.08	589.62
WATER HEATERS	6.50	0.00
EXHAUST FANS	15.32	0.00
MOTORS	32.92	79.08
MEAT DEPARTMENT	51.99	0.00
BAKERY DEPARTMENT (65% DEMAND FACTOR)	49.99	19.23
FOOD SERVICE (65% DEMAND FACTOR)	44.92	0.00
	471.18	1647.50

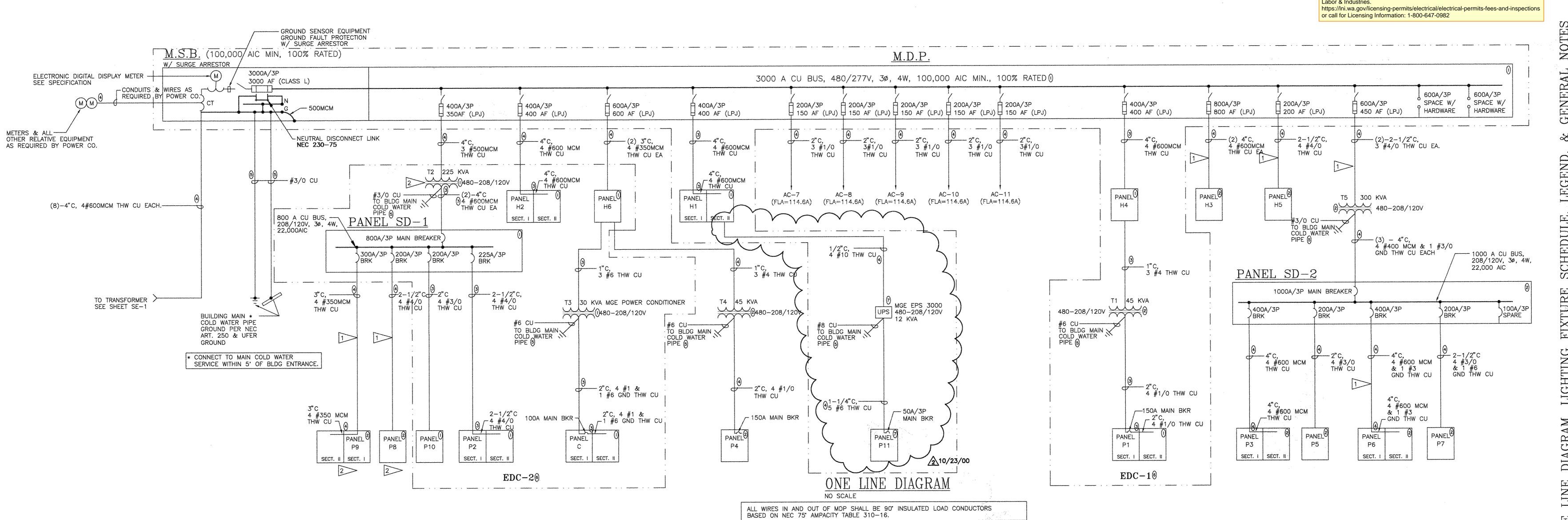
1844-1964-196-196		LIGHTING F	TXTURE	SCHE	DIII	,F.		TI2024	33
PE M	ANUFACTURER	NUMBER 1	LAMPS	MOUNT	WATT	REMARKS			
= $+$	HOLOPHANE*	REA40EMH-27-C-35-A-6-C6	SYLVANIA MP400/BU MH	PENDANT/ CHAIN	455	BOTTOM OF FIXTURE +23' A.F.F. PROVIDE SAFETY HOOKS, FLEXIBLE WIRING SYSTEM & WIRING	CHECKED: ANT		
<u>1</u>	HOLOPHANE*	REA40EMH-27-C-35-A-6-C6-EM	SYLVANIA MP400/BU MH & 1-250W QUARTZ		455	ACCESSORIES AS REQUIRED. (SEE DETAIL)		5	
3)	HITEK DR LUMARK	TWH250M-277-LP	1-250W SMH	WALL	295	PROVIDE WITH LOW TEMPERATURE BALLAST.		Develo	28
-/ IC	ITHONIA PR METALUX DAYBRITE	WB232A12-277-SSB-LP-WH	2-32W T8	WALL	63	PROVIDE ENERGY SAVING LAMPS AND ELECTRONIC BALLASTS. PROVIDE EARTHQUAKE CLIPS.			uilding
	ITHONIA DR METALUX DAYBRITE	2SPG432A12.125-277-SSB-LP (TWO BALLASTS)	4-32W T8	RECESS	126	PROVIDE ONE HOUR RATED FIXTURES, TYPE "D" IN VAULT.	Engine Fi		rire Fire
		CEPT WITH (4) SYLVANIA F032835	4-SYLVANIA F032-835 *	RECESS	126				
:	COLUMBIA DR ROBERT IUART	SLA196HO-DR/SLBB-196HO-277	1-F96T12 HO	WALL	140	MOUNT ABOVE SIGN W/ LOW TEMP BALLAST AND ES LAMPS AND BALLAST. PROVIDE MIN 30" MOUNTING ARM FROM BUILDING			
Z/ IC	ITHONIA)R METALUX)AYBRITE	LB432-120	4-32WT8 5000 K CRI=85	CHAIN	126	LAMP SHALL BE CHROMACOLOR W/5000K CRI=85, 2800 LUMENS. MOUNT AT 12'-8" PROVIDE MOUNTING ACCESSORIES			
<u>-</u> }	SERCO **	DH-60	1/150 R-40	SEE DETAIL	150	PROVIDE PLUG-IN & ACCESSORIES AS REQUIRED.			
_/ IC	ITHONIA DR METALUX DAYBRITE	VC232WH-277-SSB	2-32W T8	SURFACE	63	PROVIDE ENERGY SAVING LAMPS AND ELECTRONIC BALLASTS.			
7) 6	ITHONIA)R METALUX)AYBRITE	2SPG332A12-120-SSB-LP	3-32W T8	RECESS	93	PROVIDE ENERGY SAVING LAMPS AND ELECTRONIC BALLASTS.		2000	
_ \ \ \ \ \	ITHONIA OR METALLUX OAYBRITE	TX 250 MA26-277-WL WHITE BALLAST HOUSING & REFLECTOR	1-250W SMH	PENDANT	295	PAINT CONDUIT & J-BOX WHITE TO MATCH CANOPY +15' A.F.F PROVIDE MOUNTING ACCESSORIES (SWIVEL)		, Q	
	ITHONIA)R METALUX)AYBRITE	UN232-277-SSB PROVIDE SHATTER PROOF TUBE IN FOOD SERVICE.	2-32W T8	SURFACE/ CHAIN	63	PROVIDE ENERGY SAVING LAMPS AND ELECTRONIC BALLASTS. CHAIN MOUNT IN MEZZ.		DATE: JUNE	
	ITHONIA DR METALUX DAYBRITE	A6AR — 120	1-100W A17	RECESS	100			REVISON DA	The state of the s
_	IcGRAW EDISON ARDCO	GLA91129AS-BZ-LL/MA1007 DROP LENS	1-1000W SMH	POLE	1070	35' ROUND TAPERED STEEL EPOXY ENAMEL POLE TO MATCH FIXTURE. NUMBER OF HEADS SHALL BE PER PLAN, SHEET SE-1. FIXTURE		쑈	
	Icgraw Edison ARDCO	GLA911293D-BZ-LL/MA1007 DROP LENS	1-1000W SMH	POLE	1070	SHALL BE POWDER PAINTED, ELECTRO—STATIC APPLICATION. POLE SHALL HAVE A MIN EPA = 10 FOR 100 MPH WIND W/POLE BASE COVER.			
\$ 4	ABOLITE*	#AD 200INC-120-WHT-LDS96-WL- GB-E-3-WHT	1-200W A21	SURFACE	200	FOOD SERVICE MENU PANEL LIGHTS			
	HOLOPHANE *	LPT-22-X-N-H24-B44-MP-2-2	4-40W BIAX F40-835 *	PENDANT	140	MOUNT @ 8'.0" A.F.F. W/ AIRCRAFT CABLES. PROVIDE ENERGY SAVING LAMPS AND ELECTRONIC BALLASTS.			
N / (LITHONIA DR METALUX DAYBRITE	2SPG2UA12-277-SSB-LP	2-U32W T8	RECESS	63	PROVIDE ENERGY SAVING LAMPS AND ELECTRONIC BALLASTS.			PERMIT
<>	LIGHTALARMS OR EQUAL	2P12Q1/L36-M-UD-DSC W/SELF POWERED BATTERY PACK	SYLVANIA 55090 36PAR36/CAP/ NSP	UNIVERSAL	72	+25' AFF ON TRUSS AIM AT 54° FROM HOR IN EMERGENCY CORRIDOR. PROVIDE MOUNTING ACCESSORIES AS REQUIRED.	•	000	BUILDING
-/ [[LITHONIA OR DUAL-LITE SURELITE	H2MSW1-277-H W/SELF POWERED BATTERY PACK	2/20T 6-1/2 2-12W HAL	UNIVERSAL	36	EXIT SHALL BE WHITE WITH GREEN LETTERS AND TWO HALOGEN HEADS. MOUNT ABOVE DOOR. COLOR PER CODE.		13,2	THED FOR
<i>=</i> /	LITHONIA OR DUAL-LITE SURELITE	MSW2-277-EL W/SELF POWERED BATTERY PACK	2/20T 6-1/2	CHAIN	20	DOUBLE FACE EXIT. (+23' SEE NOTE) ARROW AS INDICATE WITH GREEN LETTER ON WHITE. COLOR PER CODE.	V S	DATE: APRIL	SUBMITTED

NOTES: COORDINATE INSTALLATION OF FIXTURE TYPES "X", "X1" AND "X2" WITH FIRE MARSHALL MOUNTING HEIGHTS MAY BE LOWERED ONLY IF DIRECTED IN WRITING BY FIRE MARSHAL.

* NO SUBSTITUTIONS ALLOWED. ** NO SUBSTITUTIONS ALLOWED. FIXTURE PROVIDED BY G.C. AS PART OF THE DOCK SYSTEM. E.C. TO PROVIDE LAMPS.

EL PROVIDE EMERGENCY BATTERY PACK OPTION WHERE INDICATED ON PLANS. INCLUDE ALL RELAY, TEST

Separate Electrical Permit is required with the Washington State Department of



DO

City of Puyallup

Development & Permitting Service

ISSUED PERMIT

Engineering

Public Works

Traffic

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