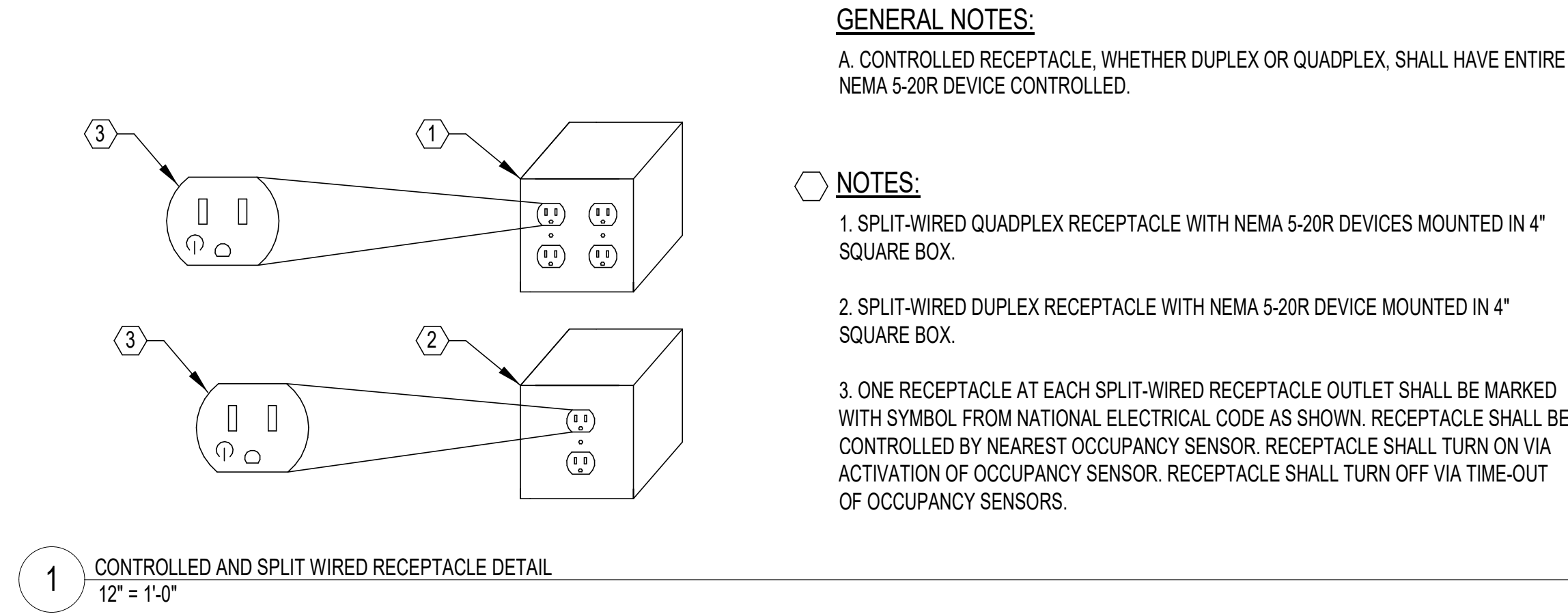
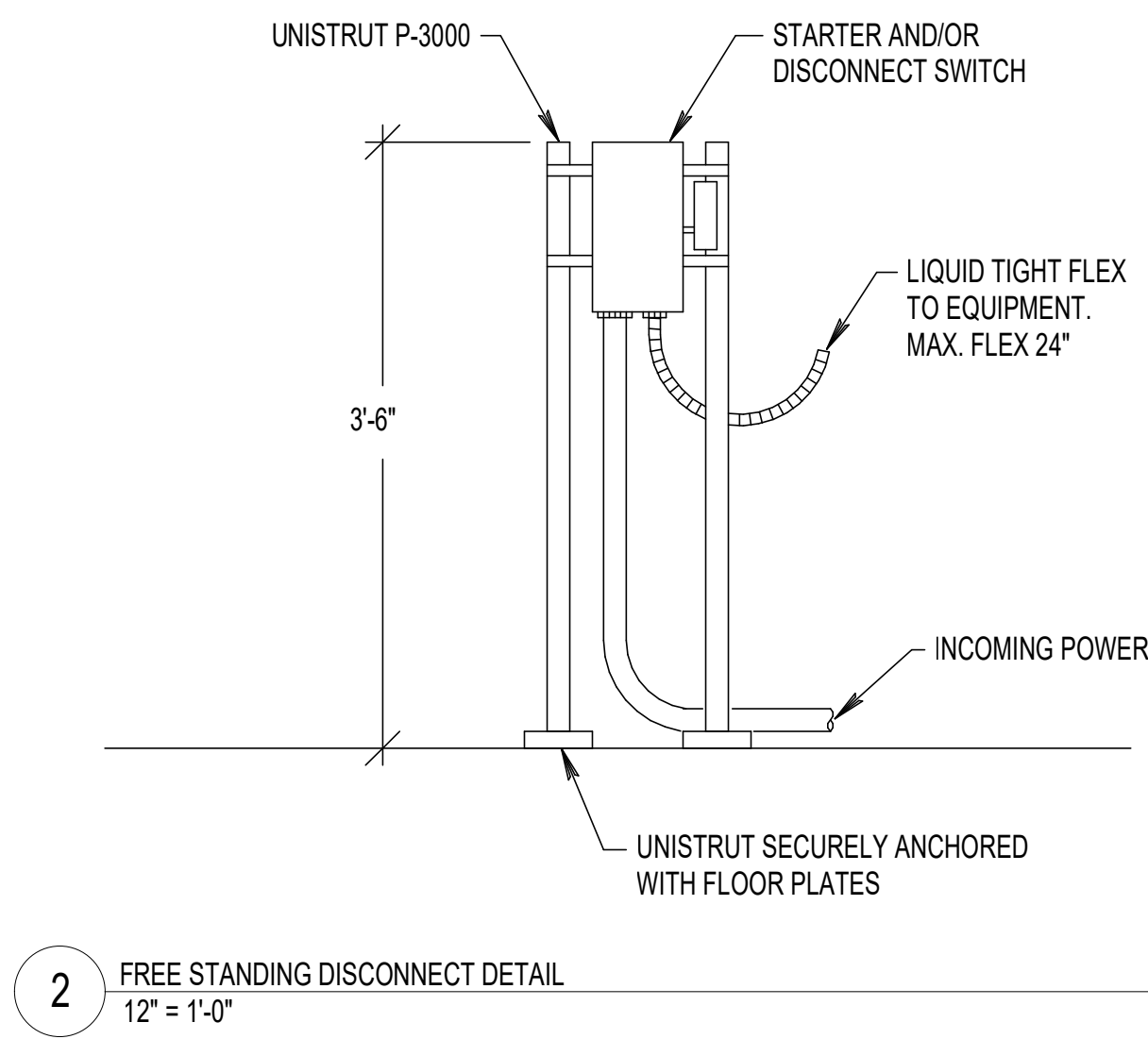


3 LOAD CLASSIFICATION TABLE
NONE

LOAD CLASSIFICATION TABLE					
ENERGY CODE END USE CATEGORY	LOAD CLASSIFICATION ABBREVIATION	LOAD CLASSIFICATION	DEMAND FACTOR	ITEMS ASSIGNED TO LOAD CLASSIFICATION	
HVAC	HVAC	HVAC MOTORS	MOTOR	CHILLERS, BOILERS, PUMPS, FANS, HYDRONIC UNIT HEATERS, ETC.	HVAC SYSTEMS AND COMPONENTS INCLUDING CHILLERS, FANS, HEATERS, FURNACES, PACKAGE UNITS, COOLING TOWERS, AND CIRCULATION PUMPS ASSOCIATED WITH HVAC
	ELHT	ELECTRIC HEAT	CONTINUOUS	BASEBOARD HEATERS, UNIT HEATERS, ELECTRIC COILS, AND PIPING HEAT TRACE ASSOCIATED WITH HVAC SYSTEMS	
LIGHTING	LTG	LIGHTING	CONTINUOUS	ALL INTERIOR AND EXTERIOR LIGHTING THAT IS PERMANENTLY INSTALLED	LIGHTING INCLUDING EXIT AND EGRESS LIGHTING AND EXTERIOR LIGHTING
	WMTR	WATER PUMPS	MOTOR	PLUMBING PUMPS FOR DOMESTIC / SERVICE WATER	DOMESTIC AND SERVICE WATER SYSTEM PUMPS AND RELATED SYSTEMS AND COMPONENTS
DOMESTIC/ SERVICE WATER PUMPS AND RELATED SYSTEMS	WHTG	WATER HEATING	NON-CONTINUOUS	INSTANTANEOUS HEATERS, TANK HEATERS, POWER TO DOMESTIC HOT WATER BOILERS	
	PKIT	PLUG LOAD - KITCHEN	KITCHEN	ANY 208/120V RECEPTACLE LOAD FOR KITCHEN EQUIPMENT (WITH THERMOSTATIC CONTROL OR INTERMITTENT USE) THAT'S NOT A TYPICAL GENERAL-USE RECEPTACLE	PLUG LOAD INCLUDING APPLIANCES RATED LESS THAN 25 KVA
PLUG LOAD INCLUDING APPLIANCES <25 KVA	PREC	PLUG LOAD - RECEPTACLE	RECEPTACLE	15A OR 20A GENERAL-USE DUPLEX OR QUAD ELECTRONIC DEVICE THAT IS PLUGGED INTO A RECEPTACLE OR RECEPTACLE OUTLET. PLUG LOADS ARE NOT RELATED TO GENERAL LIGHTING, HEATING, VENTILATION, COOLING, AND WATER HEATING, DOMESTIC AND SERVICE WATER SYSTEM, RENEWABLE POWER, INFORMATION TECHNOLOGY EQUIPMENT, COMPUTER ROOM ELECTRONIC EQUIPMENT, AND ELECTRIC VEHICLE CHARGING.	FROM SECTION 100.1 DEFINITIONS: "PLUG LOAD IS THE ENERGY CONSUMED BY ANY APPLIANCES OR ELECTRONIC DEVICE THAT IS PLUGGED INTO A RECEPTACLE OR RECEPTACLE OUTLET. PLUG LOADS ARE NOT RELATED TO GENERAL LIGHTING, HEATING, VENTILATION, COOLING, AND WATER HEATING, DOMESTIC AND SERVICE WATER SYSTEM, RENEWABLE POWER, INFORMATION TECHNOLOGY EQUIPMENT, COMPUTER ROOM ELECTRONIC EQUIPMENT, AND ELECTRIC VEHICLE CHARGING."
	PNON	PLUG LOAD - NON-CONTINUOUS	NON-CONTINUOUS	ANY 208/120V RECEPTACLE LOAD THAT'S NOT A TYPICAL GENERAL-USE RECEPTACLE NOR KITCHEN EQUIPMENT	
	PMTR	PLUG LOAD - MOTOR	MOTOR	ANY 208/120V PLUG-IN MOTOR LOAD THAT'S NOT KITCHEN EQUIPMENT	
	PCON	PLUG LOAD - CONTINUOUS	CONTINUOUS	ANY 208/120V PLUG-IN LOAD THAT SHOULD BE COUNTED AS CONTINUOUS; E.G. CART CHARGING, PIPING HEAT TRACE, ETC.	
	LCK	LOAD CENTER >=25 KVA - KITCHEN	KITCHEN	LOAD CENTER >= 25 KVA, WHERE SERVING COMMERCIAL COOKING AND REFRIGERATION EQUIPMENT WITH THERMOSTATIC CONTROL OR INTERMITTENT USE	
INDUSTRIAL AND COMMERCIAL LOAD CENTERS >5 KVA OR GREATER	LCMT	LOAD CENTER >=25 KVA - MOTOR	MOTOR	LOAD CENTER >= 25 KVA, WHERE SERVING MOTORS	INDUSTRIAL AND COMMERCIAL LOAD CENTERS 25 KVA OR GREATER INCLUDING THEATRICAL LIGHTING INSTALLATIONS AND COMMERCIAL KITCHENS
	LCSL	LOAD CENTER >=25 KVA - STAGE LIGHTING	NON-CONTINUOUS	LOAD CENTER >= 25 KVA, WHERE SERVING STAGE LIGHTING	
	LCC	LOAD CENTER >=25 KVA - CONTINUOUS	CONTINUOUS	LOAD CENTER >= 25 KVA, WHERE SERVING CONTINUOUS LOADS NOT FALLING UNDER OTHER CATEGORY	
	LCN	LOAD CENTER >=25 KVA - NON-CONTINUOUS	NON-CONTINUOUS	LOAD CENTER >= 25 KVA, WHERE SERVING NON-CONTINUOUS LOADS NOT FALLING UNDER OTHER CATEGORY	
OTHER INDIVIDUAL NON-HVAC LOADS OR APPLIANCES >= 25 KVA	MSCM	MISC. - MOTOR	MOTOR	OTHER PLUMBING PUMPS: SUMP PUMPS, SEWAGE EJECTORS, BOOSTER PUMPS, OTHER MOTORIZED APPLIANCES >= 25 KVA, OR MOTORS NOT IN ANY OTHER CATEGORY	OTHER INDIVIDUAL NON-HVAC LOADS OR APPLIANCES RATED 25 KVA OR GREATER
	MSCC	MISC. - CONTINUOUS	CONTINUOUS	HEAT TRACE FOR PLUMBING OR OTHER NON-HVAC HEAT TRACE; OTHER CONTINUOUS APPLIANCES >= 25 KVA, OR CONTINUOUS LOADS NOT IN ANY OTHER CATEGORY	
	MSCN	MISC. - NON-CONTINUOUS	NON-CONTINUOUS	ANY NON-CONTINUOUS APPLIANCES >= 25 KVA, OR NON-CONTINUOUS LOADS NOT PART OF ANY OF THE OTHER CATEGORIES, E.G. TRAP PRIMERS, FSDS	
VERTICAL TRANSPORTATION AND TRANSIT SYSTEMS	VEL	VERTICAL TRANSP - ELEVATOR	ELEVATOR	ELEVATORS	OPTIONAL BASED ON PROJECT TYPE REFER TO DEMAND FACTOR TABLE FOR CALCULATION METHOD
	VMTR	VERTICAL TRANSP - MOTOR	MOTOR	ESCALATORS, MOVING WALKS, AND TRANSIT SYSTEMS	
RENEWABLE POWER SOURCE	RPWR	RENEWABLE POWER	NON-CONTINUOUS	RENEWABLE POWER SOURCES	RENEWABLE POWER SOURCE (NET OR TOTAL)
LOADS ASSOCIATED WITH RENEWABLE POWER SOURCE	RPLR	RENEWABLE POWER LOADS - RECEPTACLE	RECEPTACLE	RECEPTACLE ASSOCIATED WITH A RENEWABLE POWER SOURCE	LOADS ASSOCIATED WITH RENEWABLE POWER SOURCE
	RPLN	RENEWABLE POWER LOADS - NON-CONTINUOUS	NON-CONTINUOUS	NON-CONTINUOUS / MISCELLANEOUS LOADS ASSOCIATED WITH A RENEWABLE POWER SOURCE	
	RPLM	RENEWABLE POWER LOADS - MOTOR	MOTOR	MOTOR LOADS ASSOCIATED WITH A RENEWABLE POWER SOURCE	
	RPLC	RENEWABLE POWER LOADS - CONTINUOUS	CONTINUOUS	CONTINUOUS LOADS ASSOCIATED WITH A RENEWABLE POWER SOURCE	
CHARGING STATIONS FOR ELECTRIC VEHICLES	EVCH	EV CHARGING	CONTINUOUS	ELECTRIC VEHICLE CHARGING STATIONS	OPTIONAL BASED ON PROJECT TYPE REFER TO DEMAND FACTOR TABLE FOR CALCULATION METHOD
PER UNIT MISCELLANEOUS NEC CATEGORIES	DRYS	DRYERS	DRYERS	ELECTRIC DRYERS IN DWELLING UNIT(S)	OPTIONAL BASED ON PROJECT TYPE REFER TO DEMAND FACTOR TABLE FOR CALCULATION METHOD
	XRAY	X-RAY IMAGING EQUIPMENT	IMAGING	IMAGING EQUIPMENT: XRAY AND CT MACHINES IN HEALTHCARE FACILITIES PER SECTION §17 (THERAPEUTIC X-RAY, MRI MACHINES AND OUTPATIENT FACILITIES ARE NOT INCLUDED)	OPTIONAL BASED ON PROJECT TYPE REFER TO DEMAND FACTOR TABLE FOR CALCULATION METHOD

DEMAND FACTOR TABLE	
THE % SHOWN IN EACH PANEL SCHEDULE IS THE RESULTING RATIO OF DEMAND TO CONNECTED LOAD AFTER APPLYING THE CALCULATION METHODS DESCRIBED BELOW	
DEMAND FACTOR	CALCULATION METHOD PER IDAHO ELECTRICAL CODE
NON-CONTINUOUS	100%
CONTINUOUS	125% PER NEC 215.2(A)(1)(a)
MOTOR	LARGEST MOTOR LOAD ON THE PANEL AT 125%, PLUS 100% OF REMAINING MOTOR LOAD(S) PER NEC 430.24
RECEPTACLE	100% OF THE FIRST 10 KVA AND THE REMAINDER AT 50% PER NEC 220.44
KITCHEN	CALCULATED ACCORDING TO QUANTITY OF KITCHEN EQUIPMENT CONNECTIONS PER NEC TABLE 220.56
ELEVATOR	BASED ON QUANTITY OF ELEVATORS CIRCUITED TO THE PANEL PER NEC TABLE 620.14
DRYERS	IN DWELLING UNIT(S): BASED ON QUANTITY OF DRYERS CIRCUITED AT EACH BUS PER NEC 220.54
IMAGING	PER NEC SECTION §17.7(A)(2), FOR FEEDERS WITH TWO OR MORE X-RAY UNITS, 50% OF MOMENTARY DEMAND RATING OF THE LARGEST UNIT, PLUS 25% MOMENTARY DEMAND RATING OF THE NEXT LARGEST UNIT, PLUS 10% OF MOMENTARY DEMAND RATINGS OF ALL REMAINING UNITS.



RFI #0227

△	Date	Description
	11/18/2022	INTERIORS 50% DESIGN DEVELOPMENT
	12/16/2022	INTERIORS 100% DESIGN DEVELOPMENT
	02/03/2023	CONSOLIDATED PROGRESS SET
	06/02/2023	PROGRESS SET
	12/22/2023	CD PROGRESS SET FOR PERMIT AND PRICING
	02/22/2024	CD - MEP BID SET
	03/29/2024	Issue for Permit
1	10/11/2024	ISSUE FOR CONSTRUCTION

Seal / Signature

Project Name
MICRON BUILDING B42

Project Number
22-1717

Description
DETAILS - ELECTRICAL

Scale
NOT TO SCALE

E5.001