GENERAL NOTES

PROJECT LOCATION-

VICINITY MAP

- ALL CONSTRUCTION SHALL CONFORM TO THE UNIFORM BUILDING CODE AND LOCAL CODES AND ORDINANCES
- DO NOT SCALE DRAWINGS, DIMENSIONS SHALL GOVERN, DETAILS SHALL GOVERN OVER PLANS AND ELEVATIONS, LARGE SCALE DETAILS. SCHIZECTOR TO REQUEST CLARRICATION FROM DESIGNER SHOULD DIMENSION DISCREPANCIES OVER 4* OCCUR IN FIELD. NOTE: DIMENSIONS DESIGNATED 'CLEAR' SHOULD BE EXACT.
- COORDINATE ALL CONSTRUCTION ITEMS WITH MECHANICAL / ELECTRICAL DRAWINGS BEFORE ORDERING AND INSTALLING ITEM OR WORK.
- DIMENSIONS ARE TO FACE OF FINISH UNLESS OTHERWISE NOTED.
- ALL MATERIALS SHALL BE NEW, UNUSED AND OF THE HIGHEST QUALITY IN EVERY RESPECT UNLESS OTHERWISE NOTED. MANUFACTURED MATERIALS AND EQUIPMENT SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS UNLESS OTHERWISE NOTED.

- VERIFY LAYOUT OF ALL PARTITIONS, DOORS,
 ELECTRICAL/TELEPHONE/ AND COMMUNICATIONS OUTLETS,
 LIGHT FIXTURES,AND SWITCHES WITH THE DESIGNER IN FIELD
 IF QUESTIONS OR CONFLICTS OCCUR
- CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST IN LOCATIONS OF ANY AND ALL MECHANICAL, TELEPHONE, ELECTRICAL LIGHTING, FLUMBING AND SPRINKLER EQUIPMENT (TO INCLUDE ALL PIPING, DUCTWORK, AND CONDUIT) AND THAT ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTAINANCE OF ABOVE EQUIPMENT ARE
- ALL DOORS SHALL BE 3'-0" WIDE MINIMUM UNLESS OTHERWISE NOTED.
- ALL HARDWARE TO BE LEVER TYPE PER UNIFORM BUILDING
- "TYPICAL" MEANS IDENTICAL FOR ALL SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.

REVIEWED FOR CODE COMPLIANCE PERMIT #: 22BLD-0573 BY: Jon May

Plans shall reflect the scope of work of the project. Any changes or deviations must be submitted and reviewed by the Building Department prior to inspection.

REQUIRED AT FINAL INSPECTION: 1. Approved plans & period card 2. Manufacturers installation instructions/ manuals

- onsite

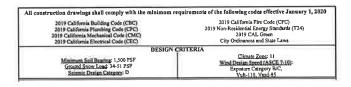
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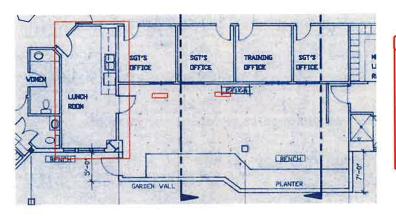
 Online

PLANS REVIEWED SUBJECT

TO FIELD INSPECTIONS

APPLICABLE CODES





KEY DIAGRAM (AREA OF WORK) SCALE: NOT TO SCALE

OCCUPANT LOAD AND EXITS

NO CHANGE TO ORIGINALLY PERMITTED OCCUPANT LOADS OR EXITING FROM ORIGINAL BUILDING PLANS

基的股份 MINORUE, TANK (m) 4500 6710 A.E HETEN CA AUFURN 1-3 BUTTEN 5-5

EXISTING FLOORPLAN FIRST FLOOR

NOT TO SCALE

SHEET INDEX

TITLE SHEET
PROPOSED FLOOPILAN, DEMO PLAN, EXISTING CEILING PLAN, NOTES
INTERIOR BREAKROOM CABINET ELEVATIONS, ADA DETAILS
ELECTRIC POWER AND LIGHTING PLAN
ELECTRIC POWER AND LIGHTING PLAN
ELITTLE 24 ENERGY REPORTS
PLUMBING PLAN AND NOTES

BUILDING DATA

SCHEDULE AN INSPECTION

0

CONSTRUCTION TYPE:

V- NON-RATED 2 STORY SPRINKLERED

OCCUPANCY TYPE: TOTAL AREA OF BUILDING

11,785 SF (NO CHANGE) 952 SF (NO CHANGE)

AREA OF KITCHEN ADA UPGRADE

TOTAL AREA OF REMODEL

BUILDING HAS AUTOMATIC SPRINKLERS BUILDING IS EQUIPPED WITH: A. EMERGENCY VOICE

ALARM SIGNATURE SYS. VERIFY B. FIRE DEPT. COMM SYS. VERIFY

CENTRAL CONTROL STATION (DISPATCH AREA) STANDBY POWER AND LIGHT (AND EMERGENCY SYSTEMS)

EXISTING KV GENERATOR SEISMIC ZONE 3 ESSENTIAL BUILDING

SCOPE OF WORK

NO CHANGE TO (E) SF, NO CHANGE TO INTERIOR OR EXT WALLS
ADA IMPROVEMENTS ONLY AT EXISTING BREAK ROOM
NEW ACCESSIBLE HEIGHT BREAKROOM CABINETS AND ACCESSIBLE SINK CAB
DEMO EXISTING CELING TILES ONLY AND LIGHTING NEW APPLIANCES AND COFFEE STATION ADD NEW ELCTRIC RANGE & DISHWASHER
DEMO AND REPLACE EXISTING BUILT IN CABINETS PER PLAN
(E) CELLING GRID TO REMAIN NEW BROP IN CLG. TILES AND NEW LED LIGHTING
ADD 2 NEW WALL MOUNTED ELECT HEATERS AT EXTERIOR PATIO EXISTING MECHANICAL TO REMAIN
PLUMBING FOR SINK AND DW RELOCATED PER PLUMBING PLAN

ACCESSIBILITY NOTES

THE SCOPE OF WORK OF THIS PROJECT IS LIMITED TO ACCESSIBILITY UPGRADES AT THE EXISTING BREAK ROOM

CONTACT INFORMATION

OWNER CITY OF GRASS VALLEY CHIEF: ALEX GAMMELGARD

DESIGN PROFESSIONAL:
NORALYN WHISENAND, ARCHITECT
LICENSE: C-26124 ADDRESS: 521 NEVADA STREET NEVADA CITY, CA 95959
PHONE: (530) 470-3409
EMAIL: DEERCREEKSTUDIO®GMAIL.COM

ELECTRICAL ENGINEER
GRASS VALLEY ELECTRIC
BRADY PRYOR ADDRESS: 10973 ROUGH & READY HWY GRASS VALLEY, CA 95945
PHONE: (530) 273-7543
EMAIL: BRADYPRYOR SECCLOBAL.NET

HVAC DESIGN-BUILD

BREWER REFRIGERATION HEATING AND AC ATTN: ROB BREWER ADDRESS: 937 GOLDEN GATE TERRACE GRASS VALLEY, CA 94945 PHONE: (530) 272-6351 EMAIL: ROBBORREWERHVAC.COM

PLUMBING DESIGN BUILD: COMFORT PLUMBING SYSTEMS INC. ATTN: RHETT MOHR ADDRESS: 146 SCANDLING AVE-GRASS VALLEY, CA 95945 PHONE: (530) 470-8761 EMAIL:rhett.mohr@sbcglobal.net

Deer Creek

ARCHITECTURE + INTERIORS

UPGRADE

ADA

BREAK ROOM

GVPD

JRN ST , CA

129 SOUTH AUBUI GRASS VALLEY

IMPROVEMENT

-TENANT

UPGRADE

ADA

521 NEVADA STREET NEVADA CITY, CA 95959 (530) 470-3409

REVISIONS

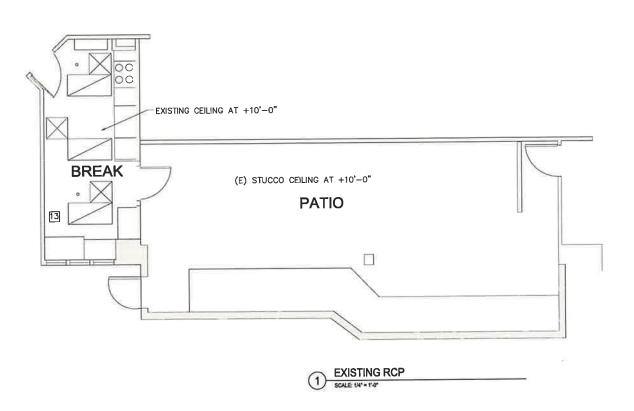
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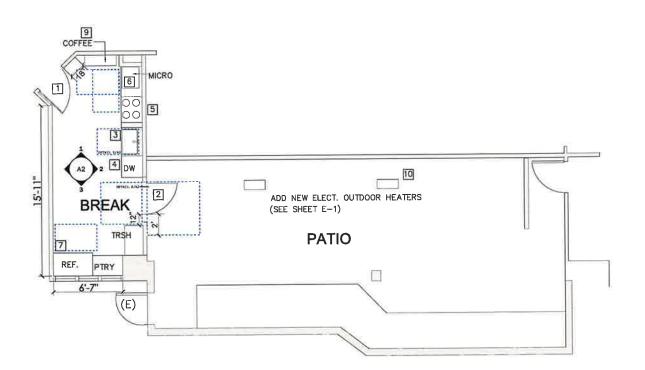
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SHEET NOTES

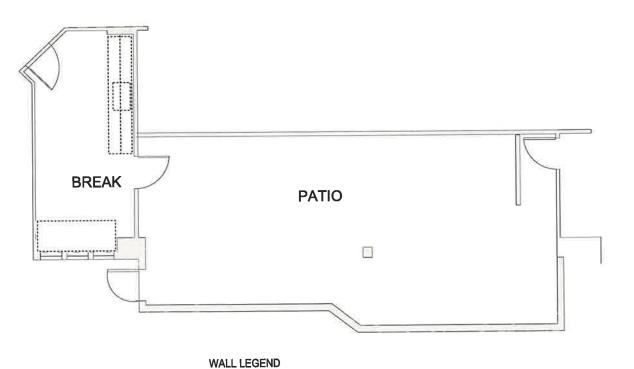
- EXISTING 3070 SC WOOD DOOR TO REMAIN, ADA LEVER HARDWARE LATCH
- 2 EXSTING 3070 TEMPERED GLASS EXTERIOR DOOR TO PATIO TO REMAIN LATCH AND CLOSER
- $\fbox{3}$ NEW ADA HT. COUNTER @ +34" AFF SEE SHEET A2 FOR CABINET ELEVATIONS NEW SINK WITH ADA KNEESPACE, ACCESSIBLE FAUCET
- $\boxed{4}$ NEW ADA DISHWASHER GE GDT226SSLSS (OR EQ.) COUNTER AT $+34^{\rm m}$
- 6 COUNTER TOP MICROWAVE OVEN- ADA ACCESSIBLE
- NEW REFRIGERATOR AND BUILT-IN CABINETS SEE A2 FOR ELEVATIONS
- PAINT WALLS AND CEILINGS PER TENANTS SPECS AND COLOR SELECTIONS.
- 9 NEW COFFEE COUNTER AT +34" AFF
- NEW EXTERIOR INFRA-RED HEATERS SEE ELECTRICAL PLANS
- 11 KITCHEN FLOORING: POLISHED CONCRETE
- COUNTERTOPS QUARTZ
- BACKSPLASH ABOVE COUNTERTOP SUBWAY TILE FULL HEIGHT TO UPPER CABINETS
- EXISTING CEILING GRID & MECHANICAL DUCTWORK TO REMAIN, NEW CEILING TILES AND LIGHTING PER ELECTRICAL PLAN



PROPOSED FLOOR PLAN

WALL LEGEND

EXISTING WALLS
TO REMAIN



EXISTING WALLS TO REMAIN CABINETS TO BE DEMO'D DEMOLITION PLAN

GVPD - BREAK ROOM ADA UPGRADE
129 SOUTH AUBURN ST
GRASS VALLEY, CA

Deer Creek

ARCHITECTURE + INTERIORS
521 NEVADA STREET
NEVADA CITY, CA 95959
(530) 470-3409

HOGANN CONTROL OF THE PROPERTY OF THE PROPERTY

REVISIONS

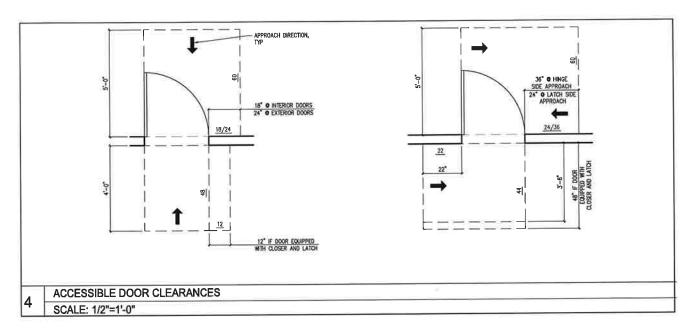
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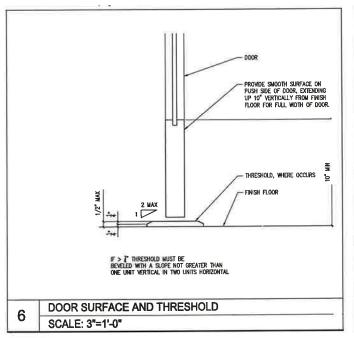
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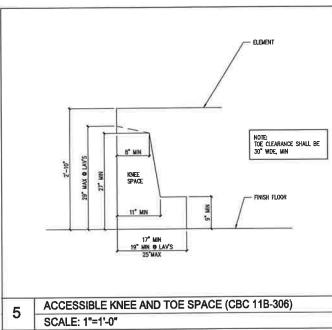
> JOB NO: SCALE: AS NOTED

> > FLOORPLAN AND DEMO PLAN

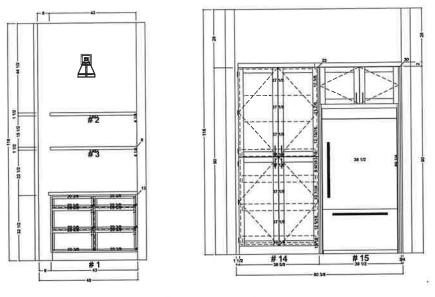
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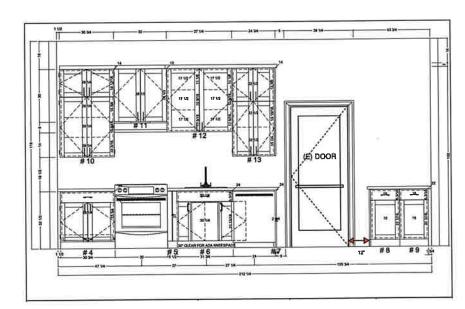




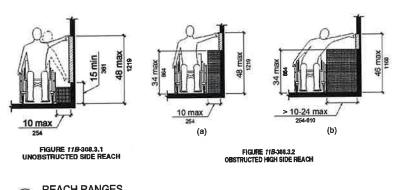


1 ELEVATION AT COFFEE

3 ELEVATION AT FRIG



2 ELEVATION AT SINK CABINET



REACH RANGES

SCALE: NONE

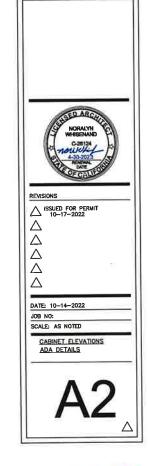
TENANT IMPROVEMENT

GVPD - BREAK ROOM ADA UPGRADE

129 SOUTH AUBURN ST

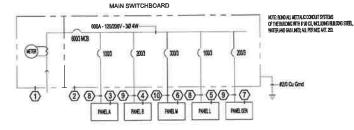
GRASS VALLEY, CA

Deer Creek
studio
ARCHITECTURE + INTERIORS
921 NEWADA STREET
NEWADA CITY, CA 95959
(530) 470–3409



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ONE LINE DRAWING SERVICE ENTRANCE 129 S. AUBURN ST GRASS VALLEY



	PAN	ELS AND STRUCTU	RES
SYMBOL	SIZE	STRUCTURES	REMARKS
1	600A 120/208V 1Ø	UTILITY ENTRANCE PULLSECTION	
(2)	600A 120/208V 3Ø	SERVICE ENTRANCE SWITCHBOARD	
(3)	100A 120/208V 3Ø	(E) PANEL A	#1 XHHW AL Ø & N, #6 CU GRND
4	200A 120/208V 3Ø	(E) PANEL B	(E) 200A 120/208V 3Ø N1 PANELBOARD
(5)	100A 120/208V 3Ø	(E) PANEL L	#1 XHHW AL Ø & N, #8 CU GRND
(6)	300A 120/208V 3Ø	(E) PANEL M	500kcmii XHHW AL Ø & N, #4 CU GRND
7	200A 120/208V 3Ø	(E) PANEL GEN	250kcmil XHHW AL Ø & N, #6 CU GRND
(8)	100A 120/208V 3Ø	(E) PANEL A, L SUBFEEDS	#1 XHHW AL Ø & N, #6 CU GRND
(3)	200A 120/208V 3Ø	(E) PANEL B, GEN SUBFEEDS	250kcmll XHHW AL Ø & N, #6 CU GRND
0	300A 120/208V 3Ø	(E) PANEL M SUBFEED	500kcmil XHHW AL Ø & N, #4 CU GRND

PLANS NOTES PROVIDE AND INSTALL UFER GROUND FOR NEW SERVICES PER ART.250, BOND ALL METALLIC CONDUIT SYSTEMS, BUILDING STEEL AND RACEWAYS. SIZE GROUNDS PER CEC TABLE 250.66 PROVIDE WEATHER RATED GFCI DEVICES AND IN-USE COVERS FOR ALL 120V OUTDOOR

PROVIDE WENTHER RYLED GREENEVES AND INFOSCIOUTE LINEAU TO THE PROVIDE AND INSTALL PHOTOSENSORS FOR DAYLIGHT HARVESTING WHERE REQUIRED; AREAS WITH LESS THAN 120 WATTS OF GENERAL LIGHTING POWER IN THE PRIMARY DAYLIT ZONE ARE

WITH LESS THAN 120 WAITS OF DEBENBAL LIGHTIME POWER IN THE PRIMINAL DATIFICATION 12.1 (d) 2, EXCEPTION 1)

PROVIDE FUSED DISCONNECTS COMPLIANT WITH THE REQUIREMENTS OF NEC 430.102(B)(1) AND
(B) (2) FOR ALL MECHANICAL EQUIPMENT. DISCONNECTS ARE TO BE LOCATED NO MORE THAN 50° AWAY AND WITHIN LING OF SIGHT OF THE CONNECTED EQUIPMENT. PROVIDE FIRE EXIT LIGHTIMS FIXTURES TO COMPLY WITH NFPA 101 STANDARDS REQUIRING A

MINIMUM OF 90 MINUTES BACK-UP TIME, ILLUMINATING AN EXIT PATH ALONG THE PATH OF TRAVEL TO EACH EXIT TO THE PUBLIC WAY AND THE SAFE DISPERSAL AREA HAVING NO LESS THAN A 1fc AVERAGE ALONG THE PATH AND .1fc MINIMUM ALONG THE PATH. THE LIGHTING AT

THE SAFE DISPERSAL AREA SHALL BE NO LESS THAN 11c

PROVIDE DEDICATED 20A CIRCUIT FOR FIRE ALARM CONTROL PANEL; USE LOCK-OUT HANDLE COVER & RED CIRCUIT BREAKER HANDLE

COVER & RED CIRCUIT BREAKER HANDLE
PROVIDE CONTROLLED RECEPTACLES IN ENTRY, BREAK ROOM & OFFICE SPACES PER CEC T-24
PART 6 SEC 130.5(d)
PROVIDE MANDATORY LIGHTING CONTROLS IN ALL SPACES PER CEC T-24 PART 6 SEC 130.1

THE POWER SUPPLY FOR THE EXIT LIGHTING SHALL BE NORMALLY PROVIDED FROM THE PREMISES' ELECTRICAL SUPPLY. THE EXIT LIGHTING FIXTURES SHALL BE CAPABLE OF A MINIMUM OF 90 MINUTES EMERGENCY LIGHTING FROM INTERNAL POWER STORAGE IN ACCORDANCE WITH 2019 CBC SECTION 2702
REWORK EXISTING CIRCUITS TO COMPLY WITH CURRENT CEC REQUIREMENTS FOR CONDUIT

SIZING, ANCHORAGE AND STRAPPING, BOX FILL AND SIZING OF APPROPRIATE CIRCUIT

CONDUCTORS. REMOVE OR ABANDON UNNEEDED OR DEFICIENT WIRING

ACCEPTANCE TESTING IS NOT REQUIRED IF LESS THAN 20 FIXTURES ARE CONTROLLED WITH THE

NEW LIGHTING CONTROL SYSTEM (EXCEPTION 141.0(b) OF THE 2016 CALIFORNIA ENERGY CODE)

IF MORE THAN 20 FIXTURES ARE INSTALLED, A CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN IS REQUIRED TO PERFORM THE TESTS SET FORTH IN THE NRCA SERIES ACCEPTANCE

FORMS

ALL ELECTRICAL BOXES AND ENCLOSURES PENETRATING ANY CEILING OR FIRE-RATED STRUCTURE

TO HAVE A MINIMUM ONE HOUR FIRE RATING

(3) INSTALL SYSTEM USING FULLY RATED PANELS AND EQUIPMENT

(4) ALL BRANCH CIRCUIT AND FEEDER HOME RUNS SHALL BE CLEARLY IDENTIFIED AS TO SPECIFIC ALL BRANCH CIRCUIT AND EXCEEDER HOME MOST SHALL BE CHARLE BEATH THE WAY TO ALLOW EACH CIRCUIT TO BE DISTINGUISHED FROM ALL OTHERS. THIS IDENTRICATION SHALL BE INCLUDED IN A CIRCUIT DIRECTORY LOCATED ON THE FACE OR INTERIOR OF THE PANEL DOOR AND LOCATED ON EACH SWITCH AT A SWITCHBOARD (2019 CEC ART. 408.4)

S ALL CIRCUIT CONDUCTORS SMALLER THAN #2 THIN TO BE COPPER, U.O.N. ALL BRANCH CIRCUITS

TO BE CONSTRUCTED WITH #12 THIN CU U.O.N.

(6) MAIN SWITCHBOARD SHALL BE MARKED IN THE FIELD WITH THE MAXIMUM AVAILABLE FAULT CURRENT. THE FIELD MARKING(S) SHALL INCLUDE THE DATE THE FAULT CURRENT CALCULATION WAS PERFORMED CEC 110.24(A)

MAIN SERVICE DISCONNECT SHALL BE MARKED PERMANENTLY CEC 230.70(B)

ARC FLASH WARNING LABEL ON SWBD SHALL BE PROVIDED IN ACCORD. WITH CEC 110.16

ALL RECEPTACLES SHALL BE LOCATED *15" AFF MIN. TO THE BOTTOM OF THE COVER PLATE; ALL

SWITCHES TO BE NO HIGHER THAN AB"AFF TO THE TOP. WINDOW SHOWCASE RECEPTACLES TO BE SPACED NO GREATER THAN 12' ON CENTER

ELECTRIC SCOPE OF WORK

- 1 The Electrical Contractor shall provide all labor and materials necessary for a complete and working electrical system; the system shall include but is not limited to:

 Transformers, Feeders and Panels: -install transformers, service feeders and panels with
- appropriate circuit protective devices.
- applopriate circuit protector updates and updates and provide minimum lighting system, Title 24 compliant, including automated control devices, fastures and lamps. The lighting system shall provide minimum lighting levels for areas served (e.g. warehouse, manufacturing, offices, reception area, etc.)
- Refrigeration / Freezer circuits, including fused disconnects, fixtures and line voltage
- control wiring. Not to include equipment, low voltage or case assembly.

 HVAC circuits, including fused disconnects, per HVAC contractor's requirem Include equipment, machine interconnection or thermostat cabling.
- General use circuits to include branch circuits for computer terminals and non-specific outlets. Circuits shall be dedicated when used to serve phone switches, computer servers, copiers and specified equipment.
- Servers, Copies and specimen equipment.

 Uighting Controls System to include fully functional, Title 24—part 6 compliant lighting control. Include all necessary components for dimming, vacancy control and daylight harvesting, Include all necessary acceptance testing inspections & NRCC installation
- 2. The electrical system shall include:
- Full conduit system. EMT, PVC Schedule 40 conduit, flex or bx cabling shall be used throughout. All exposed conduits shall be run plumb, true and at right angles to the building lines.
- Conductors to be copper, 12awg minimum, excepting feeder conductors larger than #4
- Specification grade devices.

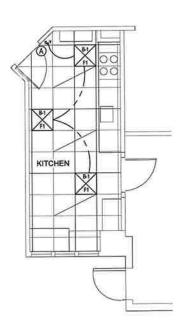
 3. All materials shall be new and free of defects.
- 3. All materials shall be new and tree or Detects.
 4. Upon completion, provide a detailed "as-built" plans to the owner.
 5. Upon completion, provide product manuals and instruction as to the correct use, function and maintenance of each system and device.
 6. All work to be minimally invasive to other tenancies. Collect refuse daily and store materials so
- as to not interfere with other areas of construction.
- Coordinate work with other trades; advise plans or field conflicts to the General Contractor or
- Architect as they become known and before proceeding with construction.

 Work not to include: Floor cutting and patching, coring, repair to existing interior wall finishes.
- Work not to include: Low voltage cabling including, but not limited to: Phone, Compute
- Networking or CATV.

 10. The General Contractor is to maintain jobsite sanitary facilities and a garbage container suitable for construction debris. The Electrical Contractor shall keep his portion of the jobsite neat and orderly. All refuse is to be placed in the container at the end of each business day.
- uded from this scope: Grass Valley Building Dept. permits, fees and inspections

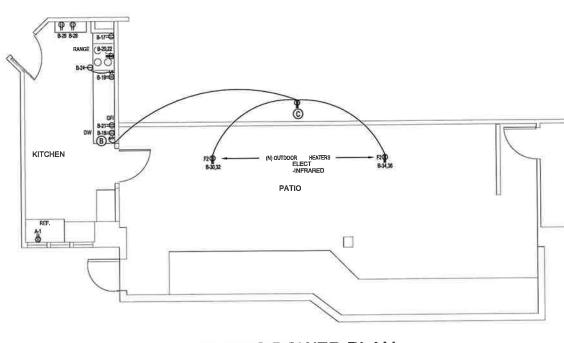
			FIXTURE & HEATI	R SCHEDULE		
Qty	Type	Manufacturer	Catalog	Wattage	Mount/Weight	T24
3	F1	Hubbell	LCAT-22-LW-G-ED-U	23w	Troffer	Υ
2	F2	Infratech	WD 5024 SS	5,000w	Celling	NA

_		The state of the s		Di contra
Qty	Unit	Manufacture	Catalog	Remarks
	Vacancy 0-10 Dimmer	Lutron	MSZ-101-V-WH	Wallbox Mount
	B) Heater Control	Infratech	30-4046-WH	Manuf. Backbox
	C) Solid State Relay Panel	Infratech	30-4052	Remote Mount



ELECTRIC LIGHTING PLAN

SCALE: 1/4" = 1'-0"



ELECTRIC POWER PLAN

SCALE: 1/4" = 1'-0"



Revision/issue

Grass Valley Electric

G. Brady Pryor Phone: (530) 273-7543 Cell: (530) 913-3364 Fax: (530) 273-3450



Date

GV POLICE DEPT. BREAK RM. 129 S. AUBURN ST. GRASS VALLEY, CA 95945

ELECTRIC POWER PLANS 8-09-2022

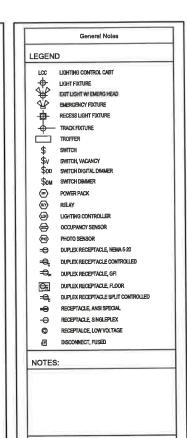
E1.0 1/4"=1'-0"

LOAD CALCULATIONS FOR - MAIN SWITCHSOAND BASED ON THE 2017 NEC L1 L2 33,818 VA 34 220 VA CALCULATED LOAD (NEC 215.5) CALCULATED LOAD WITH DEMAND FACTORS (NEC 215 5) GENERAL LOAD RECEPTACLE LOAD (NEC TABLE 270 44) 1ST 10,000W 0 VA 21,860 VA 12,978 VA 21,660 VA 0 VA o VA 18T 10.000W D VA

CONTRIBUCIES LACO (MEC 215 27) 4.578 VA
PLUE 29% (L1, L2, L3) 1.170 VA
PLUE 29% (L2, L3) 1.170 VA
ROTOR LACO (L2, L3) 1.170 VA
ROTOR LACO (L2, L3) 1.170 VA
ROTOR LACO (L3, L3) 1.170 VA
L1 (VX 1) 2
L1 (VX 1) 3
L1 2,750 VA 688 VA 1,728 VA 432 VA 2,760 VA 14,370 VA 1,140 VA 0 VA 30,848 VA 30,646 VA 5,402 VA 0 VA 30,645 VA 5,402 VA 80 VA 35,360 VA | Z212 A | Z212 A | Z212 A | 450 A | 450 A | 450 A | 00 A | 00 A | 200 A | 200 B A | 2 HARMONIC CURRENT CALCILATION (NEC 310.15 (8) 4 (C) & NEC TABLE 310.15 & (2) A) (Harmonic Load 0 VA + Commediat Load 97,112 VA) X 100 = 0 % Harmonic Load Does Not Exceed 50% FAULT CURRENT CALCIDATIONS
Available Fault Current at Starting Point ((44,500 AFC ± 1.00 LM) + 416 MC) = 45.319 AFC
Conductor Relater CF - Formals (1.732 ± 100 L ± 45.318 AFC) = (22.116 C ± 1 N ± 245 SV) = 1.474 CF
Conductor Multiples CM = Formals (1.7) = (1.7 + 1.474 CF) = 0.401 CM
Conductor Multiples CM = Formals (1.7) = (1.7 + 1.474 CF) = 0.401 CM
Conductor Limitary Court CCL - Formals (1.31) AFC ± 0.401 CM JN = 18.309 CLC Prepared With 1-Line 2017 Sollware - Copyright Durand & Associales

LOAD CALCULATIONS FOR TANKE IT				
BASED ON THE 2017 NEC				NEC 220 8
	L1	L2	L3	NEUTR
CALCULATED LOAD (NEC 2155)	12,158 VA	12,920 VA	11,344 VA	12,920
CALCULATED LOAD WITH DEWAND FACTORS I N	EC 215 5)			
GENERAL LOAD	11,260 VA	12,420 VA	11.058 VA	12 420
RECEPTACLE LOAD (NEC TABLE 220.44)				
1ST 10.000W	0 VA	Q VA	D VA	
CONTINUOUS LOAD (NEC 215 Z)	928 VA	500 VA	288 VA	500
PLUS 25% (L1, L2, L3)	232 VA	125 VA	TZ VA	
(% (NEUTRAL) NEC 215 Z(A) EX NO 2				
MOTOR LOAD (NEC 430.24)	D VA	Q VA	0 VA	
PLUS 25% OF LARGEST MOTOR	0 VA	0.98	0 VA	
KITCHEN LOADS (NEC 270.56)				
L1(0X1)=	0 VA			
L2(0)(1)=		0 VA		0
L3(0X1)=			0 VA	
TOTAL BALANCED LOAD (3-PHASE)	11,415 VA	11,416 VA	11,416 VA	
TOTAL BALANCED LOAD (I-PHASE)	1,004 VA	1,004 VA	O VA	
TOTAL UNBALANCED LOAD (1-PHASE)	0 VA	625 VA	O VA	
NEUTRAL LOAD				12,920
LINE AMPS BALANCED (3-PHASE)	824 A	82.4 A	82.4 A	
LINE AUPS BALANCED (1-PHASE)	8.4 A	8.4 A	0.0 A	
LINE AMPS UNBALANCED (1-FHASE)	A 0.0	5.2 A	0.0 A	
TOTALS	A B.06	96.0 A	824 A	107.7
ADJUSTMENT FACTOR	0.0 A	0.0 A	A 0.0	0.0
TOTAL DESIGN LOAD	A 8 06	96 0 A	62.4 A	107,7
VOLTAGE DROP CALCULATIONS				
Three Phases	(2×50 L×02450 R)	1 000 C A + 1 000 K D 006 1	-29VD	
Voltage Drop %	(20 VD + 240 V X 100) = 08 % VD		
HARMCRISC CURRENT CALCULATION (NEC 310.1 (Harmonic Load 0 VA + Connected Load 36.452		310.15 B (2) A)		
		310.15B(2)A)		
(Hammonic Load 0 VA + Connected Load 36,452		310.15 B (2) A)		
(Harmonic Load 0 VA + Connected Load 36,452 Harmonic Load Daws Roll Enseed 52% FAIR.T CURRENT CALCULATIONS Available Fair Connected Stating Point III	18300 AFC K 100 UA.) =	0 UC) + 1E300 AFC		
(Hamonic Land 0 VA = Connected Load 38,452 Hamonic Land Dans for Exceed 50% FAILT CURRENT CALCULATIONS Available Faild Context of Stanley Point II Confuted Failder CF = Formula (1 732 K ²	18.300 AFC K 1.00 UA.) = 50 L X 18.309 AFC () + (4.7	0 MC) = 1E300 AFC (74 CX1 N X 240 V) = 13	ea CF	
(Hammaric Load 0 VA - Competed Load 36,452 Hammaric Load Does Fed Except 50%. FAULT CURRENT CALCULATIONS Available Fault Curren at Southing Flows III Conductor Findler CF - Formula (1 732 Kf Conductor Matiglier CBI - Formula (1)	(14.100 AFC E 100 UA) = 50 L X 18.309 AFC } + (4.100 UA) =	0 WC) + 1E 200 AFC 774 C X 1 N X 240 V) = 1 3	eu ce	
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Revision/Issue

Grass Valley Electric

G. Brady Pryor Phone: (530) 273-7543 Cell: (530) 913-3384 Fax: (530) 273-3450 bradypryor@abcglobal net

Project Name and Address:

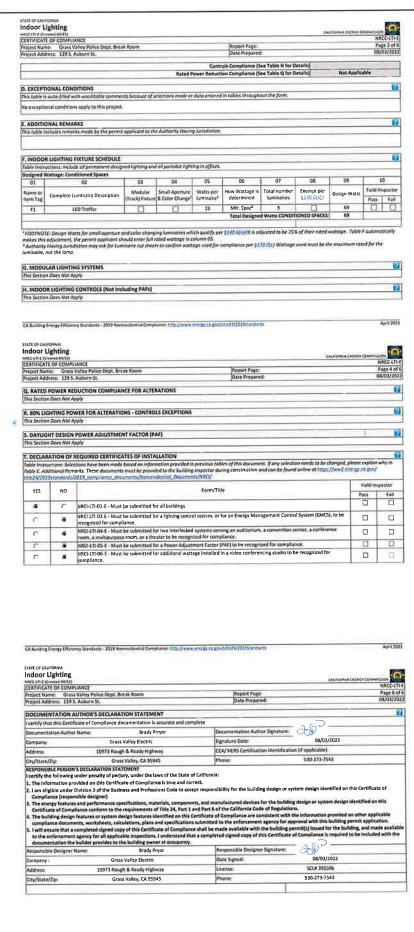
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Project No. Sheet ELECTRIC POWER PANELS Data 8-09-2022 Scale N/A E2.0

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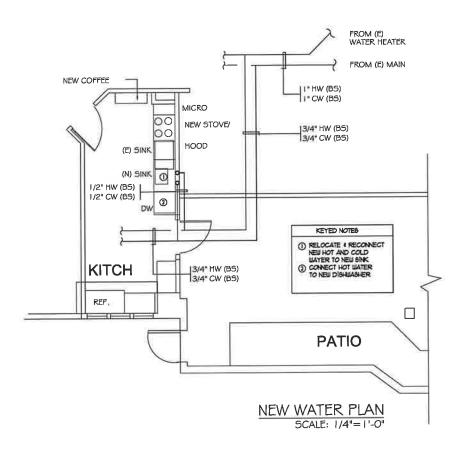
CA Building Energy Efficiency Standards - 2019 Nonemaliential Compliance: http://www.energe.ca.gou/cnc24/2019standarch

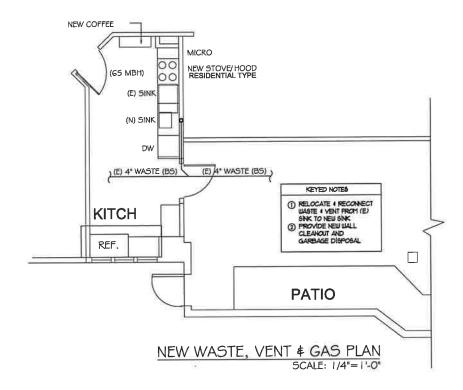
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PLUMBING NOTES

- ALL WATER AND WASTE PLUMBING INSTALLATION WORK AND ALL PLUMBING MATERIALS SHALL BE IN ACCORDANCE WITH THE 2019 CALIFORNIA PLUMBING CODE.
- IT IS THE INSTALLING CONTRACTORS RESPONSIBILITY TO ASSURE ALL SYSTEMS FUNCTION PROPERLY, SAFELY, AND MEET ALL LOCAL, STATE AND REGIONAL CODES.
- ALL WORK IS TO CONFORM TO THE ACCEPTED STANDARDS OF THE TRADE. ALL KITCHEN EQUIPMENT HAS BEEN SELECTED AND BY OWNER.
- 4. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES.
- FURNISH AND INSTALL ALL MATERIALS AND PERFORM ALL LABOR NECESSARY FOR A COMPLETE INSTALLATION OF PLUMBING WORK INDICATED ON THE DRAWINGS. PROVIDE ANY INCIDENTAL WORK NOT SHOWN OR SPECIFIED, WHICH CAN REASONABLY BE INFERRED OR TAKEN AS BELONGING TO THE WORK AND MECESSARY TO PROVIDE THE COMPLETE SYSTEM.
- PROVIDE ALL NECESSARY PLUMBING CONNECTIONS TO EQUIPMENT FURNISHED UNDER OTHER DIVISIONS OR SECTION OR BY OWNERS. PROVIDE SHUTOFF VALVES OR STOPS AT EACH CONNECTION
- PIPING IS TO BE FIELD LOCATED IN SUCH A WAY AS TO AVOID OBSTACLES, MEET CAUFORNIA
 PLUMBING CODE (CPC) REQUIREMENTS AND ALLOW SERVICE CLEARANCE TO AREAS AND
 EQUIPMENT THAT MAY REQUIRE SERVICING.
- PIPING MATERIALS SHALL MATCH EXISTING FOR CONNECTION TO NEW SINK, PROVIDED BY OWNER, FROM EXISTING SINK.
- 9. INSTALL AND CONNECT NEW GARBAGE DISPOSAL UNIT TO SINK.
- 10. ALL WATER SUPPLY PIPING SHALL BE PROTECTED FROM FREEZING. ALL WATER PIPING SHALL BE INSTALLED IN SUCH A MANNER TO ALLOW FOR THE SYSTEM TO BE DRAINED. WATER PIPING SHALL NOT BE INSTALLED OR CONCEALED IN UN-INSULATED WALLS, CEILINGS, AND ATTICS.

GVPD - BREAK ROOM ADA UPGRADE

129 SOUTH AUBURN ST
GRASS VALLEY, CA

Deer Creek

ARCHITECTURE + INTERIORS

521 NEVADA STREET NEVADA CITY, CA 95959 (530) 470-3409



REVISIONS

55UED FOR PERMIT 10-17-2022

DATE: 10-17-2022

JOB NO: 5CALE: AS NOTED

PLUMBING PLANS # NOTES

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