

PROPOSED BUSINESS INFORMATION

VETERINARY CLINIC SUNNY ISLES BEACH

USE AND OCCUPANCY CLASSIFICATION: GROUP B
BUSINESS GROUP B AS PER FBC 2020 7th ED CHAPTER 3

GROSS FLOOR AREA : 3,688 SQ.FT

OCCUPANT LOAD : OCCUPANT LOAD AS PER FBC 2020 7th ED CAPTER 10 TABLE 1004.5. BUSSINES AREAS = 150 GROSS MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT.

FLOOR AREA PER OCCUPANT = 150 GROSS
OCCUPANCY LOAD (MAX) = 25 PEOPLE

PARKING SPACES CHAPTER 2 208

GROSS AREA = 3,688 SF
PARKING RATIO = 1/ 200 GROSS = 18.44
PARKING SPACES REQUIRED = 18.44 SPACES
PARKING SPACES PROVIDED = 21 SPACES
ADA PARKING SPACES PROVIDED = 1 SPACE

Contractor Info

Project Type - Photovoltaic

File Name:
VETERINARY CLINIC PLANSET.DWG

Title:
SITE PLAN (LOCATION)

Sheet Size:
ANSI full bleed B (17.00 x 11.00 Inches)

Drawing history

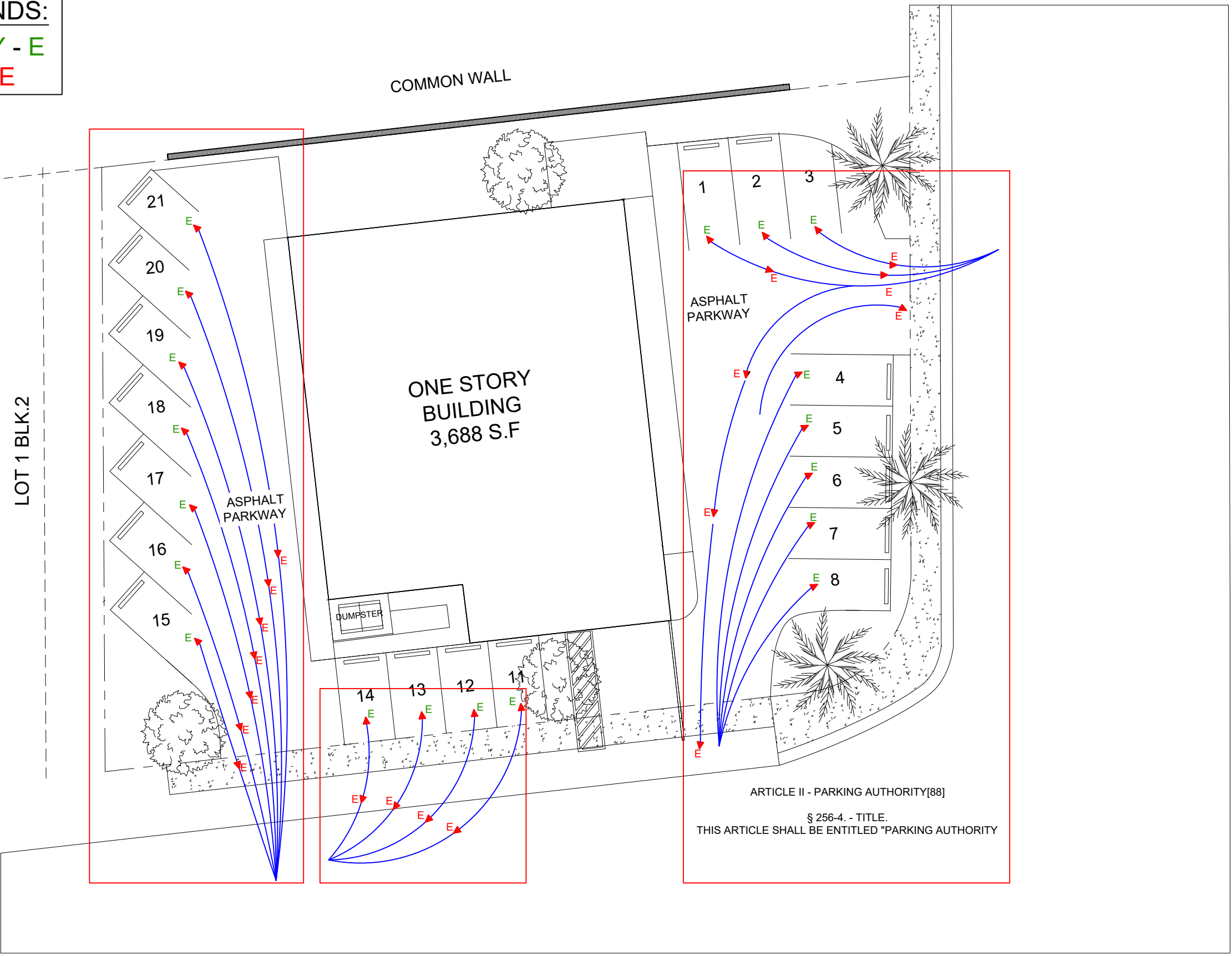
no.	drawn by	revision	date
01	----	----	--/--/--

Design

SITE PLAN (LOCATION)
SCALE: 1/8" = 1'-0"



LEGENDS:
 ENTRY - E
 EXIT - E



LOT 1 BLK.2

COMMON WALL

ONE STORY BUILDING
3,688 S.F.

ASPHALT PARKWAY

ASPHALT PARKWAY

DUMPSTER

ARTICLE II - PARKING AUTHORITY[88]
 § 256-4. - TITLE.
 THIS ARTICLE SHALL BE ENTITLED "PARKING AUTHORITY"

Contractor Info

Project Type - Photovoltaic

File Name:
VETERINARY CLINIC PLANSET.DWG

Title:
PARKING LAYOUT

Sheet Size:
ANSI full bleed B (11.00 x 17.00 Inches)

Drawing history

no.	drawn by	revision	date
01	---	---	--/--

Design

PARKING LAYOUT

SCALE: 1/8" = 1'-0"



Contractor Info

Project Type - Photovoltaic

File Name:
VETERINARY CLINIC PLANSET.DWG

Title:
PROPOSED FLOOR PLAN

Sheet Size:
ANSI full bleed B (11.00 x 17.00 Inches)

Drawing history

no.	drawn by	revision	date
01	---	---	--/--/---

Design

PROPOSED USE

ROOM NAME	AREA SF
LOBBY	275
RECEPTION	105
WAITING	150
EXAM ROOM 1	98
EXAM ROOM 2	75
EXAM ROOM 3	114
EXAM ROOM 4	114
EXAM ROOM 5	98
EXAM ROOM 6	77
HALL 1	180
HALL 2	81
MGR OFFICE	67
RADIOLOGIST	34
X RAY	116
STORAGE	56
TREATMENT 1	236
TREATMENT 2	114
STAFF ROOM	145
LAUNDRY	41
LOCKES	55
LAB	114
PREPARATION	72
SURGERY	178
WASTE	50
CAT KENNEL	65
DOG KENNEL	79
OTHER PETS KENNEL	45
RECOVERY	246
STAFF RESTROOM	34
ADA RESTROOM	48

HANDICAP ACCESSIBILITY NOTES

- THE DESIGN OF SPACES DEPICTED IN THESE DRAWINGS COMPLIES WITH THE ACCESSIBILITY REQUIREMENTS OF THE 2023 FLORIDA BUILDING CODE, ACCESSIBILITY, 8TH EDITION AS PER SECTION 202 FOR EXISTING BUILDINGS AND FACILITIES SEC 204.4
- EXISTING BUILDING INCLUDES AN ACCESSIBLE ROUTE FOR THE PUBLIC. ALL PUBLIC AREAS ARE ACCESSIBLE AND HAVE LEVEL CHANGES AND A VERTICAL PLATFORM LIFT WILL BE PROVIDED FOR HANDICAP BUILDING ACCESS.
- RESTROOMS DESIGNED FOR USE BY A SINGLE OCCUPANT OF A SPECIFIC SPACE, MUST BE DESIGNED SO THAT ACCESSIBLE ELEMENTS CAN BE INSTALLED WHEN NEEDED AFTER CONSTRUCTION
- LAVATORIES AND SINKS SHALL BE INSTALLED WITH THE FRONT OF THE HIGHER OF THE BIM OR COUNTER SURFACE 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND, AS PER SEC 606.3 OF THE 2023 FLORIDA BUILDING CODE, ACCESSIBILITY, 8TH EDITION

FIXTURES COUNT

BUSINESS OCCUPANCY 25 PERSONS			
	REQUIRED	PROVIDED	
WATER CLOSETS	MEN	1/25	1
	WOMEN	1/25	1
LAVATORIES	MEN	1/40	1
	WOMEN	1/40	1
DRINKING FOUNTAIN			PORTABLE TO BE PROVIDED BY OWNER

WALL LEGEND

- EXISTING C.M.U. WALL TO REMAIN AS IS. GC TO FIELD VERIFY
- 3 5/8" 20 G# METAL STUDS @ 16" O.C. NON-BEARING INTERIOR PARTITION, SHEATH 1-LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE. SEE WALL TYPES B, C @ SHEET A-2.03
- AT RESTROOM & UTILITIES AREA USE 1/2" DUROCK FOR ALL AREAS WITH TILE FINISH & PROVIDE BLOCKING & SUPPORT AS NEEDED. PROVIDE MOIST-RESISTANT BOARDS ON WALLS TO RECEIVE PAINT. PROVIDE R-5 MIN. INSULATION.
- CONCRETE BLOCKS WALL INFILL. GC TO FIELD VERIFY. SEE WALL TYPE A @ SHEET A-2.03

SYMBOLS LEGEND

- DOOR NUMBER
- WALL TYPE
- SECTION DESIGNATION

IMAGING EQUIPMENT NOTE

ALL IMAGING EQUIPMENT WILL BE STORED ELECTRONICALLY AND PROCESSED THROUGH COMPUTER SOFTWARE WITH VIEWING ON COMPUTER MONITORS. THE IMAGES WILL NOT BE WET PROCESSED AND DEVELOPED ONTO FILMS ON SITE.

INTENDED USE OF LAB

THE INTENT OF THE LAB FOR THIS FACILITY IS FOR THE GENERAL COLLECTION OF BLOOD, TISSUE SAMPLE AND PATHOGENS TO BE ISSUED TO A THIRD PARTY LAB FOR TESTING. THIS LAB WILL NOT BE USED TO PERFORM TESTING

VETERINARIAN LIST OF MATERIALS

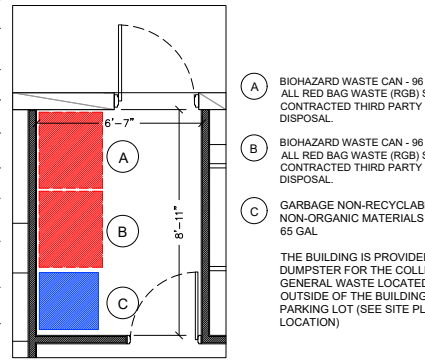
- HALOGENATED SOLVENTS - IN GALLON CONTAINERS STORED IN CABINETS
- ALCOHOL - IN GALLON CONTAINERS STORED IN CABINETS
- ANTISEPTICS - IN GALLON CONTAINERS STORED IN CABINETS
- SOAP AND HAND SANITATION - IN GALLON CONTAINERS STORED IN CABINETS
- BLEACH - IN GALLON CONTAINERS STORED IN CABINETS
- IODINE - IN GALLON CONTAINERS STORED IN CABINETS
- CHLORINE - IN GALLON CONTAINERS STORED IN CABINETS
- SURGICAL INSTRUMENTS (STERILIZED AND REUSABLE)
- BANDAGES AND DRESSINGS - RED BAG WASTE (RBW)
- GAUZE AND SURGICAL TOWELS - RED BAG WASTE (RBW)
- PATHOLOGY WASTE - RED BAG WASTE (RBW)
- MICROBIOLOGICAL WASTE - RED BAG WASTE (RBW)
- MICROBIOLOGICAL WASTE - RED BAG WASTE (RBW)
- SYRINGE PUMPS - RED BAG WASTE (RBW)
- BIO HAZARD WASTE:
- SHARPS (HYPODERMIC NEEDLES, SYRINGES, PASTEUR PIPETTES, CAPILLARY TUBES, BROKEN GLASS FROM THE LABORATORY INCLUDING SLIDES AND SLIDE COVERS, RAZOR BLADES, AND SCALPEL BLADES) - RED BOX WASTE (RXW)

ANIMAL CARCASS DISPOSAL

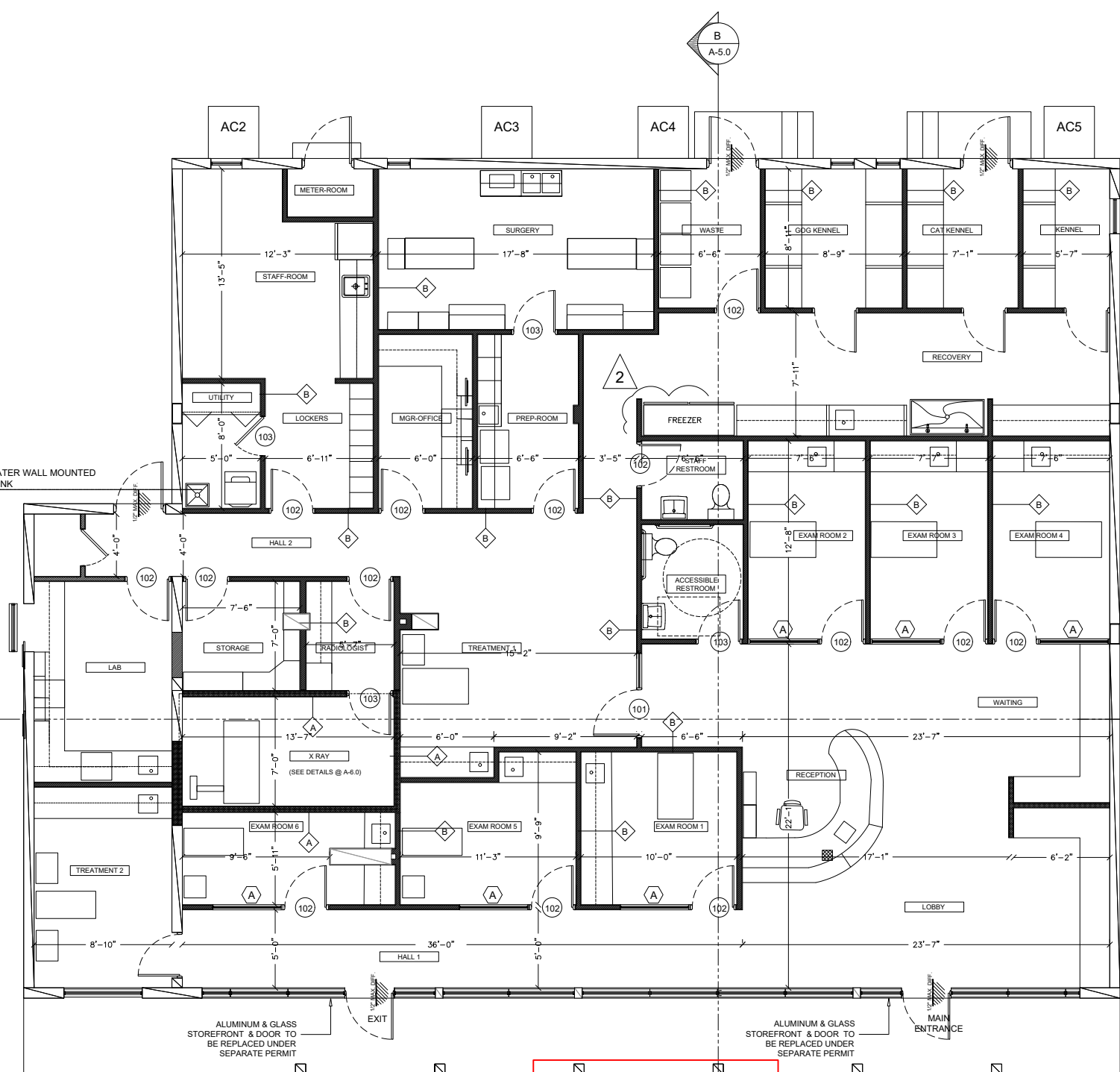
ALL ANIMAL CARCASS ARE TO BE INDIVIDUALLY SECURED IN A BIOHAZARD SEALED BAG AND PLACED IN THE CARCASS FREEZER. SAID CARCASS IS TO BE SCHEDULED FOR REMOVAL AND DISPOSAL VIA THIRD PARTY CONTRACT, FOR PROPER BURIAL, OR INCINERATION.

WASTE ROOM

THE WASTE ROOM PROVIDES FOR THE TEMPORARY HOLDING OF MEDICAL WASTE, GENERAL WASTE, SHARPS, SOILED LINEN AND RECYCLABLES PRIOR TO REMOVAL BY CONTRACTED THIRD PARTY PICK UP AND DISPOSAL.

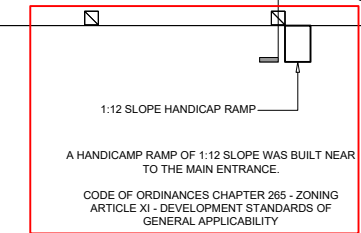


- (A) BIOHAZARD WASTE CAN - 96 GALLON FOR ALL RED BAG WASTE (RGB) STORED FOR CONTRACTED THIRD PARTY PICK UP AND DISPOSAL.
 - (B) BIOHAZARD WASTE CAN - 96 GALLON FOR ALL RED BAG WASTE (RGB) STORED FOR CONTRACTED THIRD PARTY PICK UP AND DISPOSAL.
 - (C) GARBAGE NON-RECYCLABLE AND NON-ORGANIC MATERIALS WASTE CAN 65 GAL
- THE BUILDING IS PROVIDED WITH A DUMPSTER FOR THE COLLECTION OF GENERAL WASTE LOCATED ON THE OUTSIDE OF THE BUILDING IN THE PARKING LOT (SEE SITE PLAN FOR LOCATION)

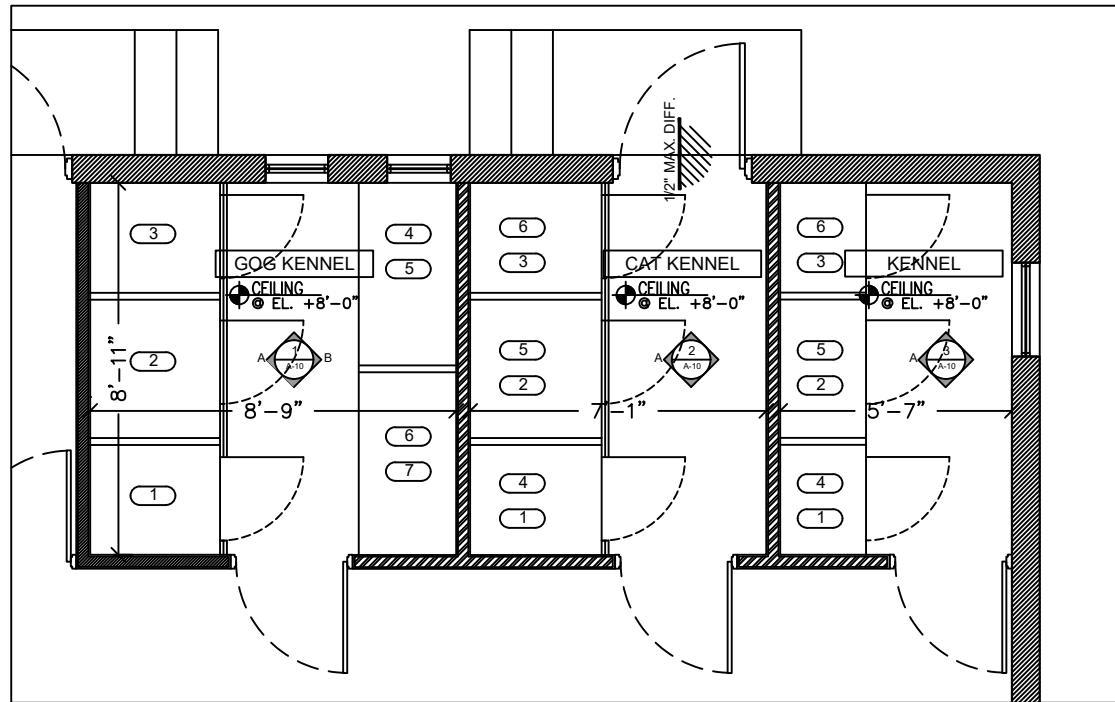


PROPOSED FLOOR PLAN

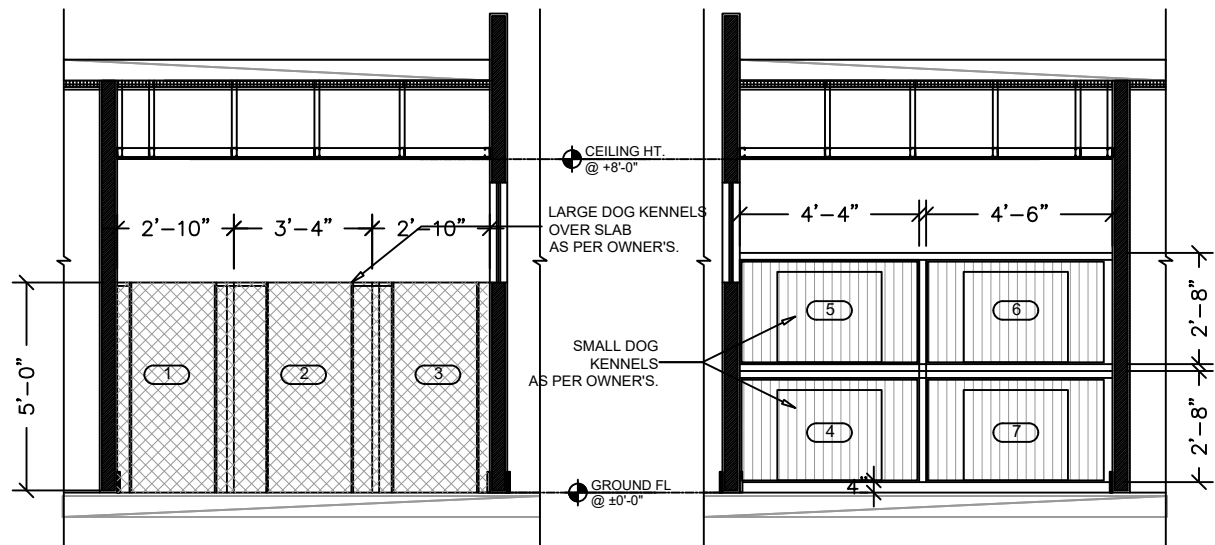
SCALE: 1/4" = 1'-0"



1:12 SLOPE HANDICAP RAMP
A HANDICAMP RAMP OF 1:12 SLOPE WAS BUILT NEAR TO THE MAIN ENTRANCE.
CODE OF ORDINANCES CHAPTER 265 - ZONING ARTICLE XI - DEVELOPMENT STANDARDS OF GENERAL APPLICABILITY



KENNELS ROOM FLOOR PLAN
SCALE: 1/2" = 1'-0"



DOGS KENNEL ROOM INTERIOR ELEVATIONS
SCALE: 1/2" = 1'-0"

DOG KENNEL SPACE AS FOLLOWS:

- 1-2-3 FOR LARGE DOGS, 51 POUNDS OR MORE (TOTAL OCCUPANCY = 3)
- 4 to 7 FOR MEDIUM & SMALL DOGS UP TO 50 POUNDS (TOTAL OCCUPANCY = 4)

GENERAL SANITATION:

HOUSING AREAS MUST BE CLEANED DAILY WITH ADDITIONAL SPOT CLEANING PERFORMED AS NEEDED. DOG/S SHOULD BE REMOVED FROM ENCLOSURE BEFORE CLEANING.

ADEQUATE RUNNING POTABLE WATER MUST BE AVAILABLE FOR CLEANING, WASHING, DRINKING, ETC.

FOOD AND BEDDING MUST BE KEPT IN A MANNER WHICH PREVENTS SPOILAGE, CONTAMINATION, AND PEST INFESTATION.

ANIMAL AND FOOD WASTES, FLUID WASTES, SOILED BEDDING, DEBRIS, GARBAGE, AND OTHER WASTE MUST BE COLLECTED DAILY, REMOVED, AND DISPOSED OF IN A MANNER WHICH MINIMIZES CONTAMINATION AND DISEASE RISKS.

DUST AND DRAINAGE FROM THE KENNEL ENCLOSURE SHALL NOT CREATE A NUISANCE OR A HAZARD TO ADJOINING PROPERTY USES

GENERAL CARE:

ANIMALS MUST BE EXAMINED DAILY WITH A LEVEL OF ATTENTION SUFFICIENT TO EVALUATE THEIR GENERAL CONDITION, Demeanor AND ACTIVITY.

ANIMALS MUST BE KEPT APPROPRIATELY GROOMED AND IN GOOD HYGIENE.

ANIMALS IN NEED OF MEDICAL ATTENTION MUST BE AFFORDED TIMELY VETERINARY CARE.

A RECORD MUST BE KEPT OF ANY DOG WITH SPECIAL NEEDS REQUIREMENTS, RECEIVING MEDICATIONS AND THE ADMINISTRATION OF THOSE MEDICATIONS.

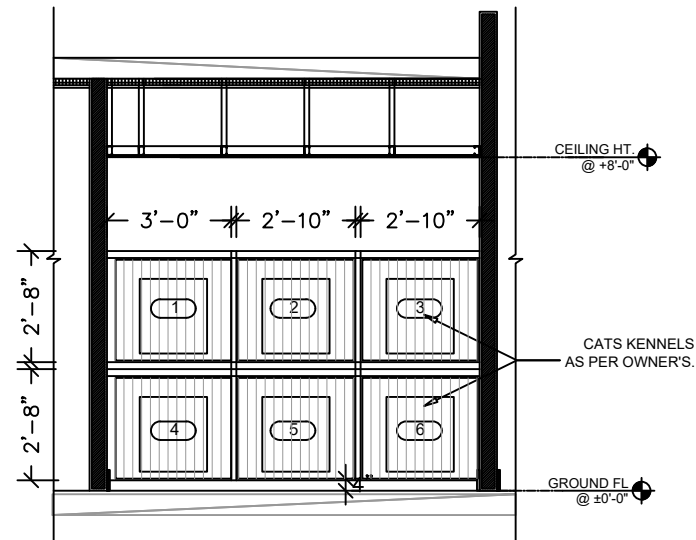
ANIMALS MUST BE FED AT LEAST ONCE DAILY, EXCEPT AS OTHERWISE DIRECTED IN WRITING BY A CALIFORNIA LICENSED VETERINARIAN.

ALL ANIMALS MUST BE VACCINATED AGAINST RABIES AS STATED IN SECTION 6.12.050 AND LICENSED AS STATED IN SECTION 6.12.020.

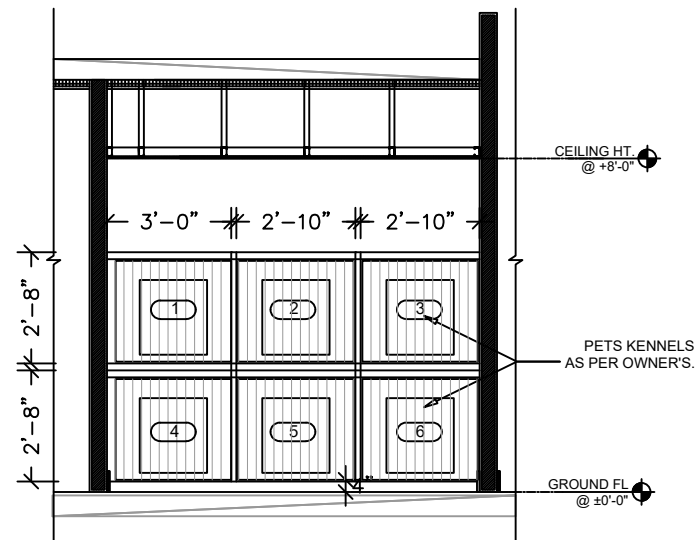
FOOD MUST BE UNCONTAMINATED, WHOLESOME, PALATABLE AND OF SUFFICIENT QUANTITY AND NUTRITIVE VALUE TO MAINTAIN THE HEALTHY CONDITION AND WEIGHT OF THE ANIMAL. THE DIET MUST BE APPROPRIATE TO THE DOG'S SPECIES, AGE AND CONDITION.

FEEDING AND WATER DISHES MUST BE MADE OF DURABLE MATERIAL THAT CAN BE EASILY CLEANED AND SANITIZED.

FEEDING AND WATER DISHES MUST BE UNABLE TO BE KNOCKED OVER.



CATS KENNEL ROOM INTERIOR ELEVATIONS
SCALE: 1/2" = 1'-0"



OTHER PETS KENNEL ROOM INTERIOR ELEVATIONS
SCALE: 1/2" = 1'-0"

INDOOR KENNEL STANDARDS:

1. HEATING. KENNELS SHALL BE SUFFICIENTLY HEATED WHEN NECESSARY TO PROTECT THE ANIMALS FROM COLD AND TO PROVIDE FOR THEIR HEALTH AND COMFORT.
2. VENTILATION. KENNELS SHALL BE ADEQUATELY VENTILATED TO PROVIDE FOR THE HEALTH AND COMFORT OF THE ANIMALS AT ALL TIMES. SUCH KENNELS SHALL BE PROVIDED WITH FRESH AIR BY MEANS OF WINDOWS, DOORS, VENTS, OR AIR CONDITIONING AND SHALL BE SO VENTILATED AS TO MINIMIZE DRAFTS, ODORS, AND CONDENSATION OF MOISTURE. AUXILIARY VENTILATION, SUCH AS EXHAUST FANS OR VENTS OR AIR CONDITIONING, SHALL BE PROVIDED WHEN THE TEMPERATURE AT THE LEVEL OF THE ANIMALS IS EIGHTY-FIVE (85) DEGREES FAHRENHEIT OR HIGHER.
3. LIGHTING. KENNELS SHALL HAVE AMPLE AND WELL-DISTRIBUTED LIGHT BY NATURAL OR ARTIFICIAL MEANS ADEQUATE TO PERMIT ROUTINE OBSERVATION OF THE ANIMALS AND/OR PROPER CLEANING OF THE FACILITIES.
4. INTERIOR SURFACES. INTERIOR SURFACES OF COMMERCIAL KENNELS AND NON-PROFIT KENNELS SHALL BE CONSTRUCTED AND MAINTAINED SO THAT THEY ARE SUBSTANTIALLY IMPERVIOUS TO MOISTURE AND MAY BE READILY SANITIZED.
5. DRAINAGE. A SUITABLE METHOD SHALL BE PROVIDED TO RAPIDLY ELIMINATE EXCESS WATER.

Contractor Info

Project Type - Photovoltaic

File Name:
VETERINARY CLINIC PLANSET.DWG

Title:
PLAN AND ELEVATIONS

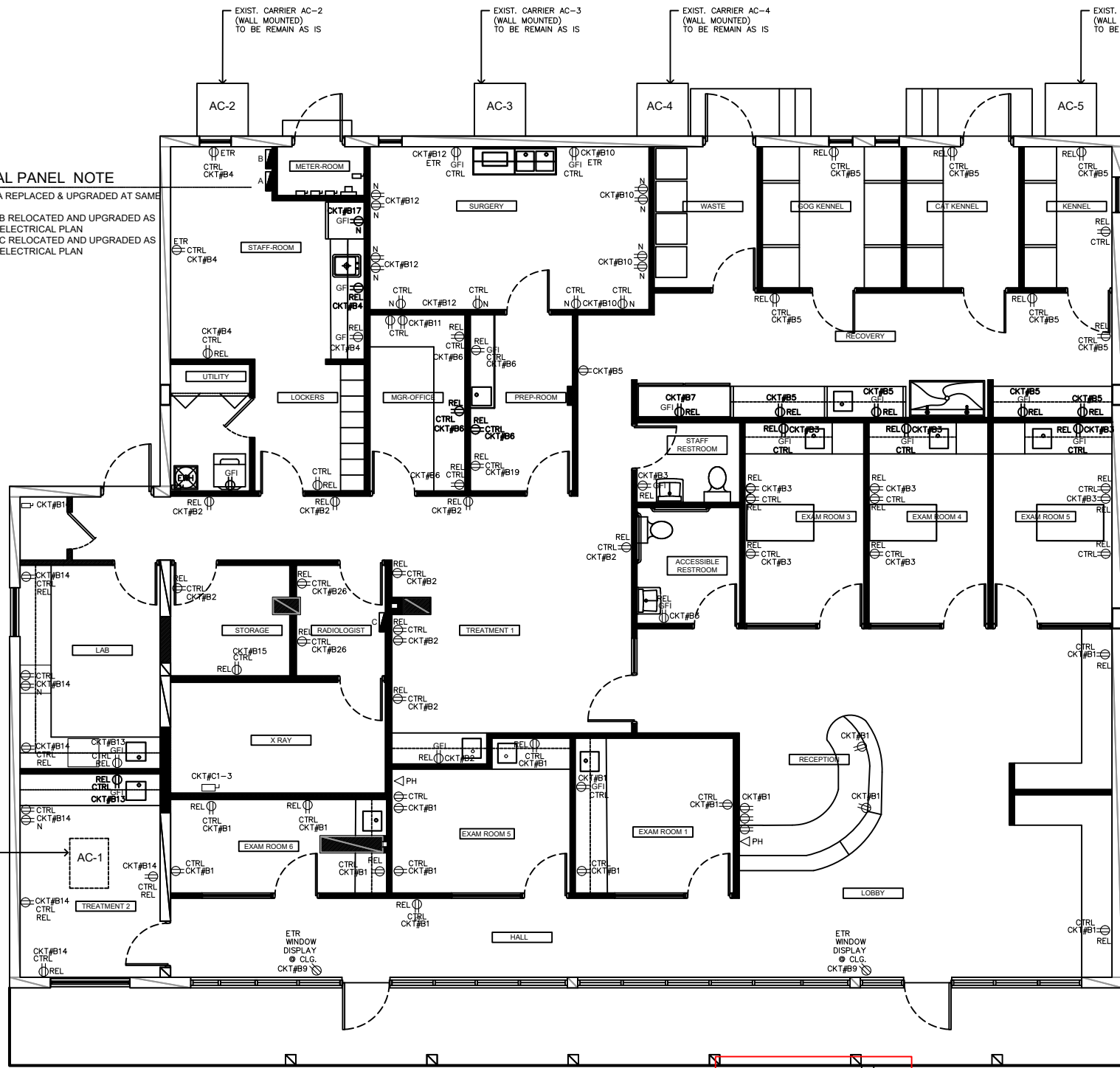
Sheet Size:
ANSI full bleed B (11.00 x 17.00 Inches)

Drawing history

no.	drawn by	revision	date
01	---	---	--/--

Design

ELECTRICAL PANEL NOTE
 100 AMP PANEL-A REPLACED & UPGRADED AT SAME LOCATION
 100 AMP PANEL-B RELOCATED AND UPGRADED AS PER PROPOSED ELECTRICAL PLAN
 100 AMP PANEL-C RELOCATED AND UPGRADED AS PER PROPOSED ELECTRICAL PLAN



ELECTRICAL LEGEND	
	DUPLEX RECEPTACLE
	GROUND FAULT INTERRUPTER
	WATER PROOF
	220 VOLTS
	SWITCH
	3 WAY SWITCH
	SWITCH W/ DIMMER
	SMOKE DETECTOR
	PHOTO-ELECTRIC SMOKE SENSOR
	ELECT METER
	EXHAUST FAN
	DISCONNECT
	ELECT PANEL
	JUNCTION BOX
	INCANDESCENT LIGHTING (SURFACE MOUNTED)
	INCANDESCENT LIGHTING (WALL MOUNTED)
	4\"/>
	TRACK LIGHTS (DOWN)
	INCANDESCENT LIGHTING (PENDANT)
	RECESSED LIGHTING HI-HATS, ETC.
	VAPOR PROOF
	FLOOD LIGHTS
	DOOR BELL CHIMES
	PHONE OUTLET
	DUAL PHONE/CATS OUTLET
	TELEVISION OUTLET
	DOOR BELL
	GARAGE DOOR OPENER
	EXISTING TO REMAIN
	EXISTING TO BE RELOCATED
	EXISTING TO BE REMOVED
	RECEPTACLE TO BE CONTROLLED TO COMPLY WITH FL ENERGY CONSERVATION

- ELECTRICAL NOTES**
- ALL WORK IS TO BE INSTALLED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2023, 8TH EDITION CHAPTER 27. ALSO COMPLY WITH ALL NEC - 2023, ANSI/NFPA 70, LOCAL CODES, STANDARDS AND REQUIREMENTS OF THE BUILDING OFFICIALS.
 - ALL WORK SHALL BE INSTALLED IN A NEAT AND ORDERLY MANNER PAYING PARTICULAR ATTENTION TO THE SUPPORTING OF CONDUCTORS, JUNCTION/TERMINATION BOXES, AND PANELS WHICH MUST BE SUPPORTED FROM STRUCTURAL ELEMENTS. ALL EQUIPMENT AND MATERIAL MUST BE NEW. THE ELECTRICAL CONTRACTOR MUST APPLY, PAY FOR AND SECURE AN ELECTRICAL BUILDING PERMIT BEFORE COMMENCING ANY WORK.
 - SUBMITTALS SHALL BE DELIVERED TO THE ARCHITECT & ENGINEER FOR REVIEW AND ALLOW 2 WEEKS FOR RETURN PRIOR TO ORDERING. THE ELECTRICAL CONTRACTOR MUST SUBMIT DETAILED INFORMATION FOR THE FOLLOWING ELECTRICAL SYSTEM COMPONENTS:
 - A. ELECTRICAL DEVICES
 - B. LIGHTING FIXTURES
 - C. ELECTRICAL DEVICES
 - D. CONDUCTORS
 - THE FOLLOWING DEVICES SHALL BE USED:
 - A. EXTERIOR DEVICES SHALL BE ENCLOSED IN WEATHERPROOF ENCLOSURES.
 - B. COORDINATE THE EXACT CONFIGURATION OF SPECIAL DEVICES WITH THE ACTUAL EQUIPMENT BEING SUPPLIED.
 - C. DISCONNECT SWITCHES SHALL BE SQUARE D, GENERAL DUTY CLASS 3130, OR EQUAL ITE OR GE PRODUCT.
 - D. PROVIDE TYPE 3R ENCLOSURE FOR EXTERIOR SERVICE AND TYPE 1 ENCLOSURE FOR INTERIOR SERVICE.
 - E. STANDARD DEVICES ARE AS FOLLOWS (PASS & SEYMOUR OR EQUAL):
 - COVER PLATES - STANDARD WHITE
 - JUNCTION BOXES SHALL BE METAL BOXES WITH ADDITIONAL STRUCTURAL SUPPORT FOR USE IN CEILINGS.
 - THE ELECTRICAL CONTRACTOR SHALL INCLUDE ALL ITEMS NECESSARY TO PROVIDE A COMPLETE AND CODE ACCEPTABLE OPERATING ELECTRICAL SYSTEM.
 - THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS BEFORE SUBMITTING A BID FOR CONSTRUCTION.
 - THE CONTRACTOR SHALL PAY FOR ALL FEES, TAXES, TESTING, INSURANCE, SCAFFOLDING, SUPPORTING MEANS, ETC. AS REQUIRED.
 - PROVIDE SEPARATE GROUND AND NEUTRAL WIRES FOR ALL ISOLATED CIRCUITS.
 - PROVIDE A #6 SOLID GREEN INSULATED GROUND WIRE FROM A COLD WATER PIPE TO THE TELEPHONE/CABLE TV ENTRANCE POINT. BOND COLD WATER PIPE AT WATER HEATER.
 - COORDINATE THE EXACT REQUIREMENTS OF THE ENTRY SERVICE WITH FLORIDA POWER AND LIGHT.
 - PROVIDE ALL FUSES AND THERMAL OVERLOAD DEVICES FOR OPERATION OF ALL ELECTRICAL & MECHANICAL EQUIPMENT.
 - "PROVIDE" MEANS TO FURNISH AND INSTALL ALL ITEMS NECESSARY FOR COMPLETE OPERATION AND CODE COMPLIANCE.
 - THE ELECTRICAL CONTRACTOR SHALL PROVIDE A WRITTEN GUARANTEE FOR ALL WORK AND EQUIPMENT FOR A PERIOD OF ONE YEAR FROM THE DATE OF THE CERTIFICATE OF OCCUPANCY AND SHALL REPLACE ALL DEFECTIVE MATERIALS AND CORRECT ALL PROBLEMS AT NO COST TO THE OWNER.
 - ALL LIGHTING FIXTURES SHALL COMPLY WITH THE FLORIDA ENERGY CODE LATEST EDITION.
 - INCLUDE PATCHING AND SEALING ALL WALLS, FLOORS, CEILINGS, ETC PENETRATED BY INSTALLATION OF ELECTRICAL WORK. ALL HOLES AND CRACKS SHALL BE SEALED TO PREVENT THE PASSAGE OF AIR, INSECTS, WATER, FIRE, ETC.
 - INCLUDE FINAL CLEANING OF ALL ELECTRICAL EQUIPMENT. PROVIDE TYPED SCHEDULES FOR EACH ELECTRICAL PANEL.
 - TOUCH-UP SCRATCHED PAINTED SURFACES W/ MANUFACTURER'S RECOMMENDED PAINT. LABEL ALL DISCONNECTS AND PANELS W/ PERMANENTLY ENGRAVED PLASTIC NAMEPLATES, MECHANICALLY ATTACHED.

Contractor Info

Project Type - Photovoltaic

File Name:
 VETERINARY CLINIC PLANSET.DWG

Title:
 POWER PLAN

Sheet Size:
 ANSI full bleed B (11.00 x 17.00 Inches)

Drawing history

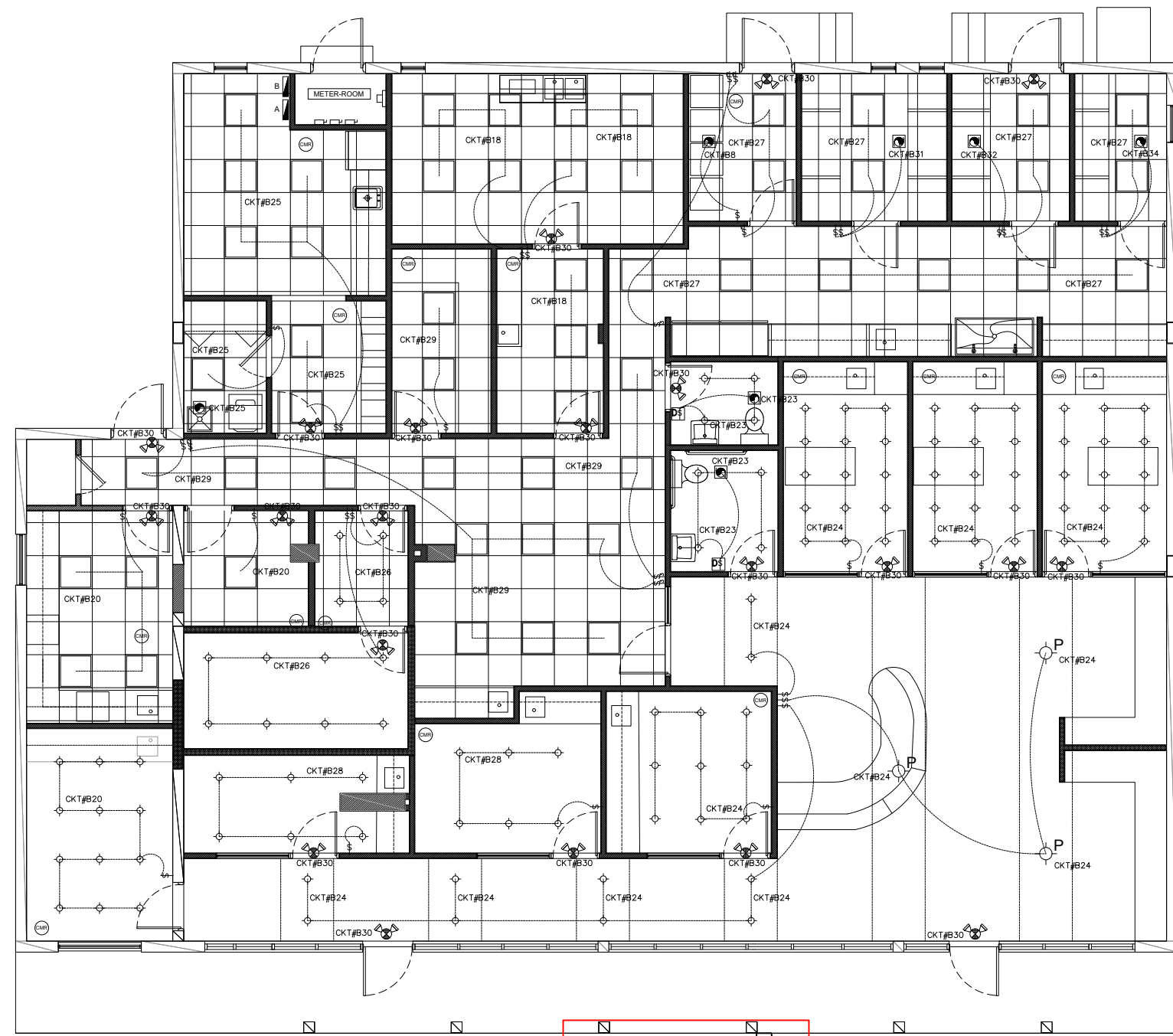
no.	drawn by	revision	date
01	----	----	--/--

Design

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

1:12 SLOPE HANDICAP RAMP
 A HANDICAMP RAMP OF 1:12 SLOPE WAS BUILT NEAR TO THE MAIN ENTRANCE.
 CODE OF ORDINANCES CHAPTER 265 - ZONING ARTICLE XI - DEVELOPMENT STANDARDS OF GENERAL APPLICABILITY

- POWER NOTES**
- ELECTRICAL CONTRACTOR SHALL EXACT EQUIPMENT VOLTAGES AND POWER REQUIREMENTS WITH EQUIPMENT NAMEPLATE PRIOR TO ROUGH-IN. IF ANY DISCREPANCY FOUND CONTACT ENGINEER IMMEDIATELY.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE MAGNETIC STARTERS, DISCONNECT SWITCHES, INTERLOCKS AND THERMO-OVERLOAD PROTECTION, WHERE IS REQUIRED.
 - GENERAL CONTRACTOR SHALL PROVIDE WALL BACKING ASS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT. VERIFY LOCATIONS AND HEIGHT REQUIREMENTS WITH KITCHEN EQUIPMENT CONTRACTOR AND OWNER.
 - CONTRACTOR SHALL COORDINATE EXACT EQUIPMENT LOCATION PRIOR TO ROUGH-IN.
 - THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL OUTLET LOCATIONS AND MOUNTING HEIGHTS. CHECK ALL REQUIREMENTS WITH LATEST MANUFACTURERS CUT SHEETS PRIOR TO ROUGH-IN. FOR ELEVATIONS REFER TO ARCHITECTS DRAWINGS.
 - CONTRACTOR SHALL COORDINATE WITH ARCHITECT/OWNER EXACT POS AND PRINTER RECEPTACLES AND DATA OUTLET LOCATIONS PRIOR TO ROUGH-IN.



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

1:12 SLOPE HANDICAP RAMP
A HANDICAMP RAMP OF 1:12 SLOPE WAS BUILT NEAR TO THE MAIN ENTRANCE.
CODE OF ORDINANCES CHAPTER 265 - ZONING ARTICLE XI - DEVELOPMENT STANDARDS OF GENERAL APPLICABILITY

EXISTING ELECTRIC FIXTURES NOTE:
ALL EXTERIOR LIGHTING FIXTURES, SECURITY LIGHT AND ELECTRICAL RECEPTACLES NOT SHOWN ARE EXISTING TO REMAIN UNDISTURBED. (NOT SHOWN FOR CLARITY)

ELECTRICAL LEGEND

	DUPLEX RECEPTACLE
	GFI WATER PROOF
	220 VOLTS
	SWITCH
	3 WAY SWITCH
	SWITCH W/ DIMMER
	SMOKE DETECTOR
	PHOTO-ELECTRIC SMOKE SENSOR
	ELECT METER
	EXHAUST FAN
	DISCONNECT
	ELECT PANEL
	JUNCTION BOX
	INCANDESCENT LIGHTING (SURFACE MOUNTED)
	INCANDESCENT LIGHTING (WALL MOUNTED)
	4' SURF. MTD. FLOURESCENT LIGHTING
	TRACK LIGHTS (100W)
	INCANDESCENT LIGHTING (PENDANT)
	RECESSED LIGHTING HI-HATS, ETC.
	VAPOR PROOF
	FLOOD LIGHTS
	DOOR BELL CHIMES
	PHONE OUTLET
	DUAL PHONE/CATS OUTLET
	TELEVISION OUTLET
	DOOR BELL
	GARAGE DOOR OPENER
	EXISTING TO REMAIN
	EXISTING TO BE RELOCATED
	EXISTING TO BE REMOVED
	RECEPTACLE TO BE CONTROLLED TO COMPLY WITH FL ENERGY CONSERVATION

MOTION SENSOR LEGEND

	MODEL WSD-PDT (120 277 V) (48" AFF TO ENTER UNLESS NOTED OTHERWISE)
	MODEL CMR-PDT-10 (120 277 V) (WALL MTD.)

NOTE: MOTION SENSOR SWITCHES & CONTROLS ARE BASED ON SENSOR SWITCH MANUFACT. PROVIDE ALL REQUIRED HARDWARE AND CONNECTIONS EQUAL MFR. ACCEPTABLE.

FLOOR PLAN NOTES

EMERGENCY LIGHTING NOTES:

- ALL SIGNS TO BE CONTROLLED BY TIMER OR PHOTOCELL.
- ALL EMERGENCY/EXIT LIGHTS SHALL BE BATTERY BACK-UP AND CONNECTED "AHEAD-OF-SWITCH".
- EMERGENCY LUMINARIES SHALL BE CONNECTED TO THE SAME LIGHTING CIRCUIT IN THE AREA AND SHALL BE CONNECTED AHEAD ANY LOCAL SWITCH, AS PER NEC 700.12(F).
- LIGHTING CONTROL: ALL LIGHTING FIXTURES TO COMPLY WITH FBC 2023. (OVERRIDE OF AUTOMATIC MECHANISM).

OBSERVATIONS

- OCCUPANCY SENSORS AS PER FBC 405.2.2.2.
- PROVIDE GFCI PROTECTION FOR ALL 15A AND 20A, 125V RECEPTACLES LOCATED IN SERVICE AREAS, AS PER NEC 210.8.
- PROVIDE TAMPER RESISTANT RECEPTACLES TO ALL 15- AND 20-AMPERE, 125- AND 250-VOLT NONLOCKING-TYPE RECEPTACLES IN THE AREAS SPECIFIED IN 406.12(1) THROUGH (7) AS PER NEC 406.12
- ALL OUTDOOR INSTALLATIONS SHALL COMPLY WITH NEC 110.12, 110.16, 110.28, AND 358.12.
- ALL OUTDOOR INSTALLATIONS SHALL COMPLY WITH NEC 110.28 CORROSIVE AGENTS. (NEMA 3X) (TYPICAL)

GENERAL NOTES

SECTION 1008 MEANS OF EGRESS ILLUMINATION

1008.1 MEANS OF EGRESS ILLUMINATION. ILLUMINATION SHALL BE PROVIDED IN THE MEANS OF EGRESS IN ACCORDANCE WITH SECTION 1008.2 UNDER EMERGENCY POWER. MEANS OF EGRESS ILLUMINATION SHALL COMPLY WITH SECTION 1008.3.

- 1008.2 ILLUMINATION REQUIRED. THE MEANS OF EGRESS SERVING A ROOM OR SPACE SHALL BE ILLUMINATED AT ALL TIMES THAT THE ROOM OR SPACE IS OCCUPIED.
- 1008.3 EMERGENCY POWER FOR ILLUMINATION. THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES' ELECTRICAL SUPPLY.
- 1008.3.1 GENERAL. IN THE EVENT OF POWER SUPPLY FAILURE IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE ALL OF THE FOLLOWING AREAS: 1.AISLES. 2.CORRIDORS. 3.EXIT ACCESS STAIRWAYS AND RAMP.

SECTION C405 COMMERCIAL ENERGY CONSERVATION (MANDATORY)

SECTION C405 - ELECTRICAL POWER AND LIGHTING SYSTEMS (MANDATORY)

- C405.2 LIGHTING CONTROLS (MANDATORY)- LIGHTING SYSTEMS SHALL BE PROVIDED WITH CONTROLS AS SPECIFIED IN SECTIONS C405.2.1, C405.2.2 C405.2.3 AND C405.2.4.
- C405.2.1 MANUAL LIGHTING CONTROLS - ALL BUILDINGS SHALL INCLUDE MANUAL LIGHTING CONTROLS THAT MEET THE REQUIREMENTS OF SECTIONS C405.2.1.1 AND C405.2.1.2..

ASHRAE STANDARD 90.1 8.4.2 - AUTOMATIC RECEPTACLE CONTROL (MANDATORY)

- 50% OF ALL RECEPTACLES IN PRIVATE OFFICES, OPEN OFFICES, COMPUTER CLASSROOMS, CONFERENCE ROOMS, PRINT/COPY ROOMS, BREAK ROOMS, CLASSROOMS AND INDIVIDUAL WORKSTATIONS MUST BE CONTROLLED BY OCCUPANCY SENSOR, TIME OF DAY CONTROL, OR BY SIGNAL FROM ANOTHER BUILDING CONTROL OR ALARM SYSTEM THAT INDICATES THAT THE SPACE HAS BECOME UNOCCUPIED

SECTION 700-12. GENERAL REQUIREMENTS

- CURRENT SUPPLY SHALL BE SUCH THAT, IN THE EVENT OF FAILURE OF THE NORMAL SUPPLY TO, OR WITHIN, THE BUILDING OR GROUP OF BUILDINGS CONCERNED, EMERGENCY LIGHTING, EMERGENCY POWER, OR BOTH SHALL BE AVAILABLE WITHIN THE TIME REQUIRED FOR THE APPLICATION BUT NOT TO EXCEED 10 SECONDS.
- EMERGENCY LIGHTING LOADS MUST BE AUTOMATICALLY ENERGIZED OR RE-ENERGIZED WITHIN 10 SECONDS OF THE ELECTRICAL POWER OUTAGE, BASED ON 700.12 OF THE NEC, AND MUST STAY ENERGIZED FOR AT LEAST 90 MINUTES OR FOR THE ANTICIPATED TIME OF THE BUILDING EVACUATION. UNIT EQUIPMENT OR BATTERY-PACK LIGHTING IS OFTEN USED TO PROVIDE THE TEMPORARY LIGHTING DURING POWER OUTAGE. UNIT EQUIPMENT IS COVERED IN 700.12(F) AND CONSISTS OF A RECHARGEABLE BATTERY, A BATTERY CHARGER, PROVISIONS FOR ONE OR MORE LAMPS MOUNTED ON THE UNIT EQUIPMENT, PROVISIONS FOR REMOTE LAMPS POWERED FROM THE UNIT EQUIPMENT, AND A RELAYING DEVICE THAT WILL ENERGIZE THE UNIT EQUIPMENT LAMPS UPON FAILURE OF THE LIGHTING BRANCH CIRCUIT

SECTION 406-12. NEC. TAMPER RESISTANT RECEPTACLES

ALL 15- AND 20-AMPERE, 125- AND 250-VOLT NONLOCKING-TYPE RECEPTACLES IN THE AREAS SPECIFIED IN 406.12(1) THROUGH (7) SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES.

- BUSINESS OFFICES, CORRIDORS, WAITING ROOMS AND THE LIKE IN CLINICS, MEDICAL AND DENTAL OFFICES AND OUTPATIENT FACILITIES

EXCEPTION TO (1), (2), (3), (4), (5), (6), AND (7): RECEPTACLES IN THE FOLLOWING LOCATIONS SHALL NOT BE REQUIRED TO BE TAMPER RESISTANT:

- RECEPTACLES LOCATED MORE THAN 1.7 M (5 1/2 FT) ABOVE THE FLOOR
- RECEPTACLES THAT ARE PART OF A LUMINARIES OR APPLIANCE
- A SINGLE RECEPTACLE OR A DUPLEX RECEPTACLE FOR TWO APPLIANCES LOCATED WITHIN THE DEDICATED SPACE FOR EACH APPLIANCE THAT, IN NORMAL USE, IS NOT EASILY MOVED FROM ONE PLACE TO ANOTHER AND THAT IS CORD-AND-PLUG-CONNECTED IN ACCORDANCE WITH 400.10(A)(6), (A)(7), OR (A)(8)
- NONGROUNDING RECEPTACLES USED FOR REPLACEMENTS AS PERMITTED IN 406.4(D)(2)(A)

Contractor Info

Project Type - Photovoltaic

File Name:
VETERINARY CLINIC PLANSET.DWG

Title:
LIGTHING PLANE

Sheet Size:
ANSI full bleed B (11.00 x 17.00 Inches)

Drawing history

no.	drawn by	revision	date
01	---	---	---/---/---

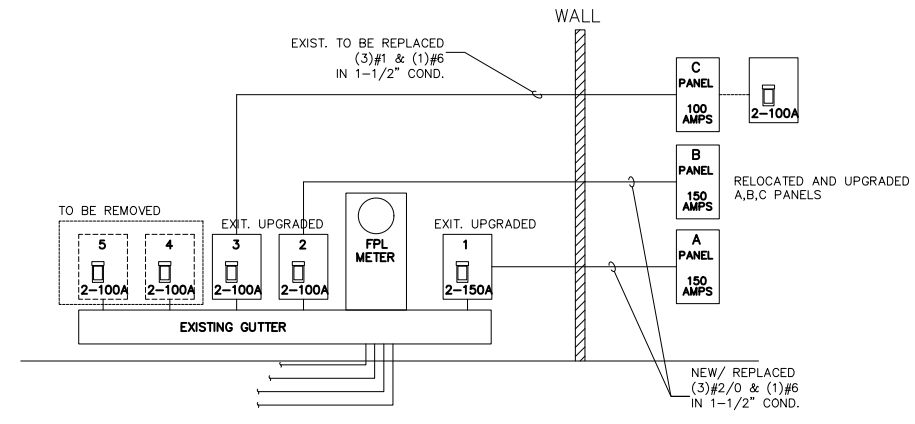
Design

NEW PANEL "A" SCHEDULE

PANEL "B"		BUS		150 AMP MB		VOLTAGE		120/240V-1PH-3W					
SPEC: G.E.		MOUNTING SURFACE		AIC SYMM		10,000							
DESCRIPTION	WIRE	GRD.	COND.	TRIP	CKT.	KVA A PHASE		CKT.	TRIP	COND.	GRD.	WIRE	DESCRIPTION
AC-CARRIER 1	#8	#8	3/4"	40	1	1.8	1.8	2	40	3/4"	#8	#8	AC-CARRIER-2
AC-CARRIER 3	#8	#8	3/4"	50	7	2.4	3.0	8	60	3/4"	#6	#6	AC-CARRIER-4
AC-CARRIER 5	#6	#6	3/4"	60	13	3.0	2.3	14	30	3/4"	#8	#8	WATER HEATER
					15	3.0	2.3	16					
					17		2.5	18					
					19		2.5	20					WASHER/DRYER COMBO
SUBTOTAL						33.60000							
TOTAL						33.6000000							
								33.60 KV=				140 AMPS	

NOTE:

- N.E.C 406.12 TAMPER-RESISTANT RECEPTACLES
ALL 15- AND 20-AMPERE, 125- AND 250-VOLT NONLOCKING-TYPE RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES.
- VERIFY ALL LOADS AND VOLTAGE WITH EQUIPMENT SUPPLIER



EXIST. RISER DIAGRAM
SCALE: NTS A-2.01

NEW PANEL "B" SCHEDULE

PANEL "B"		BUS		150 AMP MB		VOLTAGE		120/240V-1PH-3W					
SPEC: G.E.		MOUNTING SURFACE		AIC SYMM		10,000							
DESCRIPTION	WIRE	GRD.	COND.	TRIP	CKT.	KVA A PHASE		CKT.	TRIP	COND.	GRD.	WIRE	DESCRIPTION
NORTH SIDE RECEP.	#12	#12	1/2"	20	1	0.6	0.6	2	20	1/2"	#12	#12	SOUTH SIDE RECEP.
NORTH SIDE RECEP.	#12	#12	1/2"	20	3	0.6	0.6	4	20	1/2"	#12	#12	SOUTH SIDE RECEP.
NORTH SIDE RECEP.	#12	#12	1/2"	20	5	0.6	0.6	6	20	1/2"	#12	#12	SOUTH SIDE RECEP.
FREEZER	#12	#12	1/2"	20	7	1.2	1.0	8	20	1/2"	#12	#12	WASTE EXHAUST
WINDOW DISPLAY	#12	#12	1/2"	20	9	1.0	0.8	10	20	1/2"	#12	#12	SURGERY ROOM RECEP
LAB REF	#12	#12	1/2"	20	11	1.2	0.8	12	20	1/2"	#12	#12	SURGERY ROOM RECEP
TREATMENT REF	#12	#12	1/2"	20	13	1.2	0.8	14	20	1/2"	#12	#12	TREATMENT ROOM RECEP
STORAGE REF	#12	#12	1/2"	20	15	1.2	1.0	16	20	1/2"	#12	#12	TREATMENT COMPRESOR
KITCHEN REF.	#12	#12	1/2"	20	17	1.2	0.6	18	20	1/2"	#12	#12	SURGERY ROOM LIGHTS
PREP REF	#12	#12	1/2"	20	19	1.2	0.8	20	20	1/2"	#12	#12	TREAT. ROOM & STORAGE LIGHTS
SPARE					21			22	20	1/2"	#12	#12	SPARE
BATH EXHAUST & LIGHTS	#12	#12	1/2"	20	23	1.0	1.0	24	20	1/2"	#12	#12	LOBBY-EXAMROOMS LIGHTS
UTILITY & STAFF ROOM LIGHTS	#12	#12	1/2"	20	25	1.2	0.6	26	20	1/2"	#12	#12	X-RAY LIGHTS & RECEP
RECOVERY AREA LIGHTS	#12	#12	1/2"	20	27	1.2	0.6	28	20	1/2"	#12	#12	PHARMACY & OFFICE LIGHTS
TREAT. STORAGE & LAB LIGHTS	#12	#12	1/2"	20	29	1.2	1.0	30	20	1/2"	#12	#12	EMERGENCY LIGHTS
KENNEL EXHAUST	#12	#12	1/2"	20	31	1.0	1.0	32	20	1/2"	#12	#12	KENNEL EXHAUST
					33			34	20	1/2"	#12	#12	KENNEL EXHAUST
					35			36					
					37			38					
					41			40					
SUBTOTAL						28.40000							
TOTAL						28.4000000							
								24.40 KV=				101.6 AMPS	

NOTE:

- N.E.C 406.12 TAMPER-RESISTANT RECEPTACLES
ALL 15- AND 20-AMPERE, 125- AND 250-VOLT NONLOCKING-TYPE RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES.
- VERIFY ALL LOADS AND VOLTAGE WITH EQUIPMENT SUPPLIER

NEW PANEL "C" SCHEDULE

PANEL "B"		BUS		100 AMP MB		VOLTAGE		120/240V-1PH-3W					
SPEC: G.E.		MOUNTING SURFACE		AIC SYMM		10,000							
DESCRIPTION	WIRE	GRD.	COND.	TRIP	CKT.	KVA A PHASE		CKT.	TRIP	COND.	GRD.	WIRE	DESCRIPTION
X-RAY	#1	#6	1-1/2"	100	1			2					
					3			4					
					5			6					
					7			8					
					9			10					
SUBTOTAL						#####							
TOTAL						#####							
								3.16 KV=				13.2 AMPS	

NOTE:

- N.E.C 406.12 TAMPER-RESISTANT RECEPTACLES
ALL 15- AND 20-AMPERE, 125- AND 250-VOLT NONLOCKING-TYPE RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES.
- VERIFY ALL LOADS AND VOLTAGE WITH EQUIPMENT SUPPLIER

Contractor Info

Project Type - Photovoltaic

File Name:
VETERINARY CLINIC PLANSET.DWG

Title:
RISER DIAGRAM

Sheet Size:
ANSI full bleed B (11.00 x 17.00 Inches)

Drawing history			
no.	drawn by	revision	date
01	---	---	--/--/--

Design

E-3.0

SCOPE OF WORK CLASSIFICATION

PROPOSED ALTERATION CLASSIFICATION OF REHABILITATION WORK:
LEVEL 2 ALTERATION AS PER FBC 2023 SECTION 603 FOR EXISTING BUILDINGS, MODIFICATION AS PER NFPA 101 2024 & NFPA 150 (2019 ED) FOR ANIMAL HOUSING.
PROPOSED ANIMAL HOUSING FACILITY CATEGORY I CLASS A AS PER NFPA 150 6.2

LIFE SAFETY GENERAL NOTES

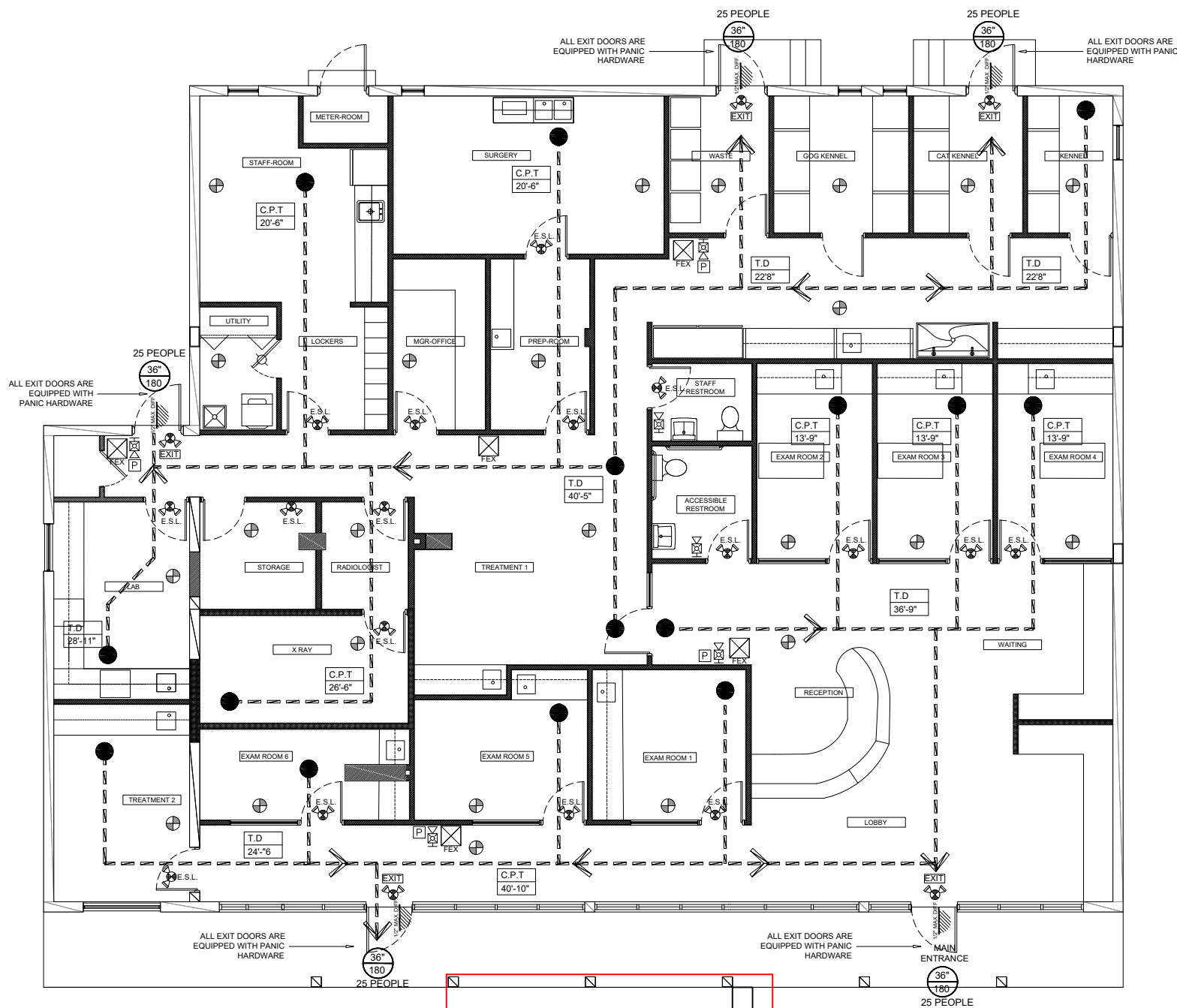
BUILDING IS A COMMERCIAL FACILITY.
EXIT SIGN SHALL HAVE THE WORD "EXIT" IN PLAIN LEGIBLE LETTERS EACH LETTER AT LEAST 6 INCHES HIGH BY 2 INCHES WIDE, EXCEPT THE LETTER "I".
DIRECTIONAL INDICATOR OF EXIT SIGN SHALL BE A CHEVRON-TYPE INDICATOR, OUTSIDE OF THE WORD EXIT, SIMILAR DIMENSIONS AS DESCRIBE ABOVE.
ANY DOOR, PASSAGE, OR STAIRWAY THAT IS NOT AN EXIT, NOR A WAY TO AN EXIT, AND THAT IS LOCATED SO THAT IS LIKELY TO BE MISTAKEN FOR AN EXIT, IT SHALL BE IDENTIFIED BY A SIGN THAT READS: NO EXIT, PER FIELD CONDITIONS.
PROVIDE PORTABLE FIRE EXTINGUISHER OF MULTIPURPOSE DRY CHEMICAL AGENT, LISTED FOR CLASSES "A" AND "B" FIRE HAZARDS.
CONTRACTOR SHALL FOLLOW TABLE 3.2.1 NFPA, UNDER "ORDINARY" (MODERATE) HAZARD OCCUPANCY WHEN THE FIELD CONDITIONS ARE IN CONFLICT WITH LOCATIONS DESIGNATED IN PLANS.
FIRE EXTINGUISHER SHALL BE LIMITED TO A MAXIMUM OF 40 LBS. FULLY CHARGED.
MOUNT FIRE EXTINGUISHER WITH THE TOP OF UNIT AT 60" A.F.F. MAXIMUM, BUT NO LESS THAN 42" A.F.F. MINIMUM.
EMERGENCY BATTERY BACK-UP LIGHTS SHALL BE CLEARLY VISIBLE FACING THE PUBLIC. UNITS SHALL HAVE EASY ACCESS OR PROVISIONS FOR EMERGENCY ACCESS WHEN EXTINGUISHER IS BEHIND A GLASS CABINET.
ALL LIFE SAFETY COMPONENTS IN THESE PLANS SHALL BE PROVIDED WITH A SET OF MAINTENANCE INSTRUCTIONS TO BE DELIVERED TO OWNER/ OPERATOR. THOSE INSTRUCTIONS SHALL MATCH OR EXCEED THE REQUIREMENTS OF NFPA 10-CHAPTER 4 FOR EXTINGUISHERS, AND NFPA 1-CHAPTER 4 FOR EMERGENCY LIGHTING AND EXIT SIGNS.
DOOR OPENINGS IN MEANS OF EGRESS SHALL BE NOT LESS THAN 32 INCHES IN CLEAR WIDTH. (NFPA 101/7.2.1.2.3).
A MINIMUM OF TWO EXITS LOCATED REMOTE FROM EACH OTHER SHALL BE ACCESSIBLE FROM EACH FLOOR, FIRE COMPARTMENT, OR SMOKE COMPARTMENT OF THE BUILDING. (F.B.C. 1024.2.4)
MAX 1/2" DIFFERENC ON LEVEL AT ANY FLOOR LEVEL.
803.5 INTERIOR FINISH REQUIREMENTS BASED ON OCCUPANCY.
THE MINIMUM FLAMESPREAD CLASSIFICATION OF INTERIOR FINISH OTHER THAN FLOOR FINISH AND FLOOR COVERINGS SHALL BE BASED ON THE USE OR OCCUPANCY AS SET FORTH IN TABLE 803.5
INTERIOR FINISH MATERIALS OTHER THAN APPLIED TO FLOORS SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E 84. REQUIREMENTS FLAMESPREAD CLASSIFICATION TYPE "C".

EGRESS CALCULATIONS

(BASED ON FLORIDA BUILDING CODE REQUIREMENTS 2023 8TH EDITION).
TOTAL OCCUPANT LOAD = 25 PERSONS.
EGRESS CAPACITY REQUIRED: 38 X 2 = 7.8 INCH.
UNITS PROVIDED: 4 SWING EXIT DOOR = 174"

COMPONENTS OF MEANS OF EGRESS

1. BATHROOM DOORS. EVERY BATHROOM DOOR LOCK SHALL BE DESIGNED TO PERMIT OPENING OF THE LOCKED DOOR FROM THE OUTSIDE IN AN EMERGENCY. THE OPENING DEVICE OUTSIDE IN AN EMERGENCY. THE OPENING DEVICE SHALL BE READILY ACCESSIBLE TO THE STAFF.
* BATHROOM DOORS SHALL BE SELF-CLOSING OR AUTOMATIC-CLOSING IN ACCORDANCE WITH NFPA 101: 7.2.1.8
2. NO DOOR IN ANY MEANS OF ESCAPE SHALL BE LOCKED AGAINST EGRESS WHEN THE BUILDING IS OCCUPIED. ALL LOCKING DEVICES WHICH IMPEDE OR PROHIBIT EGRESS OR WHICH CANNOT BE EASILY DISENGAGED SHALL BE PROHIBITED.
3. ALL INTERIOR DOORS AT SERVICE AREAS TO BE SOLID CORE, W/ 1-1/2 PAIRS OF HINGES AND LEVER-TYPE DOOR HANDLES.
4. EXTERIOR DOORS SHALL NOT BE KEYPED FROM INSIDE. DEAD BOLT TO BE OPERABLE FROM INSIDE WITHOUT KEY. 1) NOTE: PANIC HARDWARE TO BE PROVIDED AT ALL.
* NOTE: PANIC HARDWARE TO BE PROVIDED AT ALL EMERGENCY EXIT DOORS AS PER NFPA 101-16.2.2.2.2 & 7.2.1.7



LIFE SAFETY LEGEND

LINE TYPE	DESIGNATION	MAXIMUM ALLOWED	MAXIMUM PROVIDED
---	TRAVEL DISTANCE (T.D.)	75 FEET	40'-3" FEET
---	COMMON PATH OF TRAVEL (C.P.T.)	75 FEET	56'-9" FEET
TRAVEL DISTANCE FROM CLOSER TO HC PARKING SPACES TO STORE FRONT		5 FEET APPROX.	

SYMBOL	DESCRIPTION
⊕	NEW/EXISTING WALL/CEILING MOUNTED SMOKE DETECTOR W/BATTERY BACK UP W/SELF DIAGNOSTICS
EXIT	EXISTING EXIT SIGN 2"x4" LAY-IN FLUORESCENT EMERGENCY LIGHT FIXTURE W/BATTERY BACK UP
E.S.L.	NEW EMERGENCY LIGHT FIXTURE W/BATTERY BACK UP AND SELF DIAGNOSTICS
FEX	NEW/EXISTING FIRE EXTINGUISHER. FIRE EXTINGUISHER SHALL BE A MINIMUM OF A 2A:20B:C AND SHALL BE CURRENTLY DATED AND TAGGED BY A LICENSED FIRE EQUIPMENT COMPANY AND SHALL BE MOUNTED NOT TO EXCEED 48" AFF. FIRE EXTINGUISHERS SHALL COVER AN AREA OF 75 C.
	NEW SINGLE POINT SURFACE MOUNT PANIC BAR AT BACK DOOR FOR SAFETY AND ACCESSIBILITY.

FIRE ALARM SYMBOL LEGEND

P	PULL STATION
H&S	HORN/STROBE WALL MOUNTED
☒	CEILING MOUNTED

BUILDING ACCESSIBILITY NOTES:

1. FIRE EXTINGUISHERS: MINIMUM EXTINGUISHERS HAVING A GROSS WEIGHT NOT EXCEEDING 40 LB. SHALL BE INSTALLED SO THAT THE TOP OF THE EXTINGUISHER IS NOT MORE THAN 48" A.F.F. WITH FORWARD APPROACH AND 54" A.F.F. WITH A SIDE APPROACH. FIRE EXTINGUISHERS HAVING A GROSS WEIGHT GREATER THAN 40 LB. SHALL BE INSTALLED SO THAT THE TOP OF THE FIRE EXTINGUISHER IS NOT MORE THAN 3 1/2 FEET ABOVE THE FLOOR. IN NO CASES SHALL THE CLEARANCE BETWEEN THE BOTTOM OF THE FIRE EXTINGUISHER AND THE FLOOR BE LESS THAN 4 INCHES.
2. DOORS: MINIMUM MANEUVERING CLEARANCES AT DOORS PER FIGURE 25 OF THE F.A.C. 18" ON THE PULL SIDE AND 12" ON THE PUSH SIDE.
3. DOOR HARDWARE: HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. LEVER-OPERATED MECHANISMS, PUSH-TYPE MECHANISMS, AND U-SHAPED HANDLES ARE ACCEPTABLE DESIGNS.
4. DOOR CLOSURES: IF A DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3 INCHES FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.
DOOR OPENING FORCE: THE MAXIMUM FORCE FOR PUSHING OR PULLING OPEN A DOOR SHALL BE AS FOLLOWS:
(A) FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.
(B) EXTERIOR HINGED DOORS SHALL BE SO DESIGNED THAT SUCH DOORS CAN BE PUSHED OR PULLED OPEN WITH A FORCE NOT EXCEEDING 8.5 FOOT POUNDS (37.8N)
(C) INTERIOR HINGED DOORS: 5 LBF (22.2N)
SLIDING OR FOLDING DOORS: 5 LBF (22.2N)

LIFE SAFETY PLAN

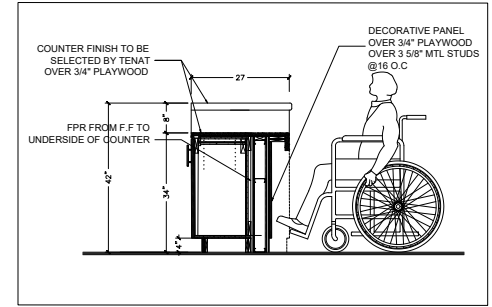
SCALE: 1/4" = 1'-0"

NOTES:

EXITING BUILDING PROTECTED WITH FIRE ALARM
ALL INTERIOR FINISHES TO COMPLY WITH FBC 2023 CHAPTER 8 INCLUDING FLOOR FINISHES CLASS 1 OR 2 PER SECTION 804 AND DECORATIVE MATERIALS AND TRIM PER SECTION 806 FBC 2023

1:12 SLOPE HANDICAMP RAMP
A HANDICAMP RAMP OF 1:12 SLOPE WAS BUILT NEAR TO THE MAIN ENTRANCE.
CODE OF ORDINANCES CHAPTER 265 - ZONING ARTICLE XI - DEVELOPMENT STANDARDS OF GENERAL APPLICABILITY

NOTE: ANIMAL HOUSING FACILITY CATEGORY I CLASS A AS PER NFPA 150 6.2



RECEPTION COUNTER DETAILS (ADA ACCESSIBLE)

File Name:
VETERINARY CLINIC PLANSET.DWG

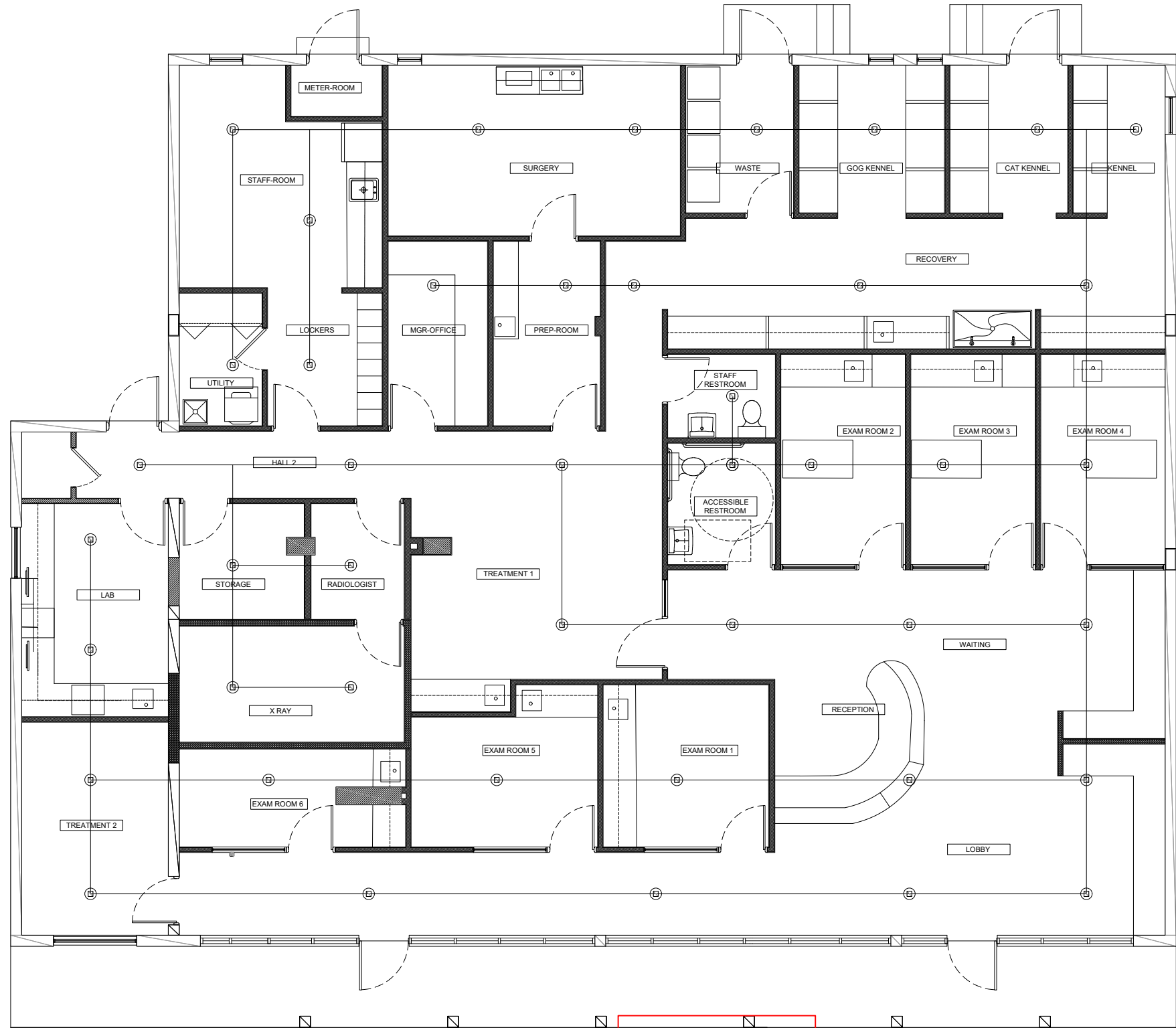
Title:
LIFE SAFETY PLAN

Sheet Size:
ANSI full bleed B (11.00 x 17.00 Inches)

Drawing history

no.	drawn by	revision	date
01	---	---	---/---/---

Design



FIRE SPRINKLERS CONCEPTUAL PLAN

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

NOTES:

EXITING BUILDING TO BE PROTECTED WITH FIRE SPRINKLERS SYSTEM TO BE INSTALLED UNDER SEPARATE PERMIT.

1:12 SLOPE HANDICAP RAMP
A HANDICAMP RAMP OF 1:12 SLOPE WAS BUILT NEAR TO THE MAIN ENTRANCE.
CODE OF ORDINANCES CHAPTER 265 - ZONING ARTICLE XI - DEVELOPMENT STANDARDS OF GENERAL APPLICABILITY

FIRE SPRINKLERS SYMBOL LEGEND

⊕ CEILING MOUNTED SPRINKLER HEAD TO BE INSTALLED UNDER SEPARATE PERMIT. SPRINKLER CONTRACTOR SHALL PROVIDE INSTALLATION SHOP DRAWINGS UNDER SEPARATE PERMIT

Contractor Info

Project Type - Photovoltaic

File Name:
VETERINARY CLINIC PLANSET.DWG

Title:
FIRE SPRINKLERS CONCEPTUAL PLAN

Sheet Size:
ANSI full bleed B (11.00 x 17.00 Inches)

Drawing history

no.	drawn by	revision	date
01	----	----	--/--/--

Design



2

FIRE SPRINKLERS CONCEPTUAL PLAN

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

NOTES:

ANIMAL HOUSING FACILITY CATEGORY I CLASS A AS PER NFPA 150 6.2
 EXITING BUILDING TO BE PROTECTED WITH FIRE SPRINKLERS SYSTEM TO BE INSTALLED UNDER SEPARATE PERMIT.

1:12 SLOPE HANDICAP RAMP
 A HANDICAP RAMP OF 1:12 SLOPE WAS BUILT NEAR TO THE MAIN ENTRANCE.
 CODE OF ORDINANCES CHAPTER 265 - ZONING
 ARTICLE XI - DEVELOPMENT STANDARDS OF GENERAL APPLICABILITY

FIRE SPRINKLERS SYMBOL LEGEND

⊕	CEILING MOUNTED SPRINKLER HEAD TO BE INSTALLED UNDER SEPARATE PERMIT. SPRINKLER CONTRACTOR SHALL PROVIDE INSTALLATION SHOP DRAWINGS UNDER SEPARATE PERMIT
---	---

Contractor Info

Project Type - Photovoltaic

Parcel Number:

File Name:
 VETERINARY CLINIC PLANSET.DWG

Title:
 FIRE SPRINKLERS CONCEPTUAL PLAN

Sheet Size:
 ANSI full bleed B (11.00 x 17.00 Inches)

Drawing history

no.	drawn by	revision	date
01	---	---	--/--/--

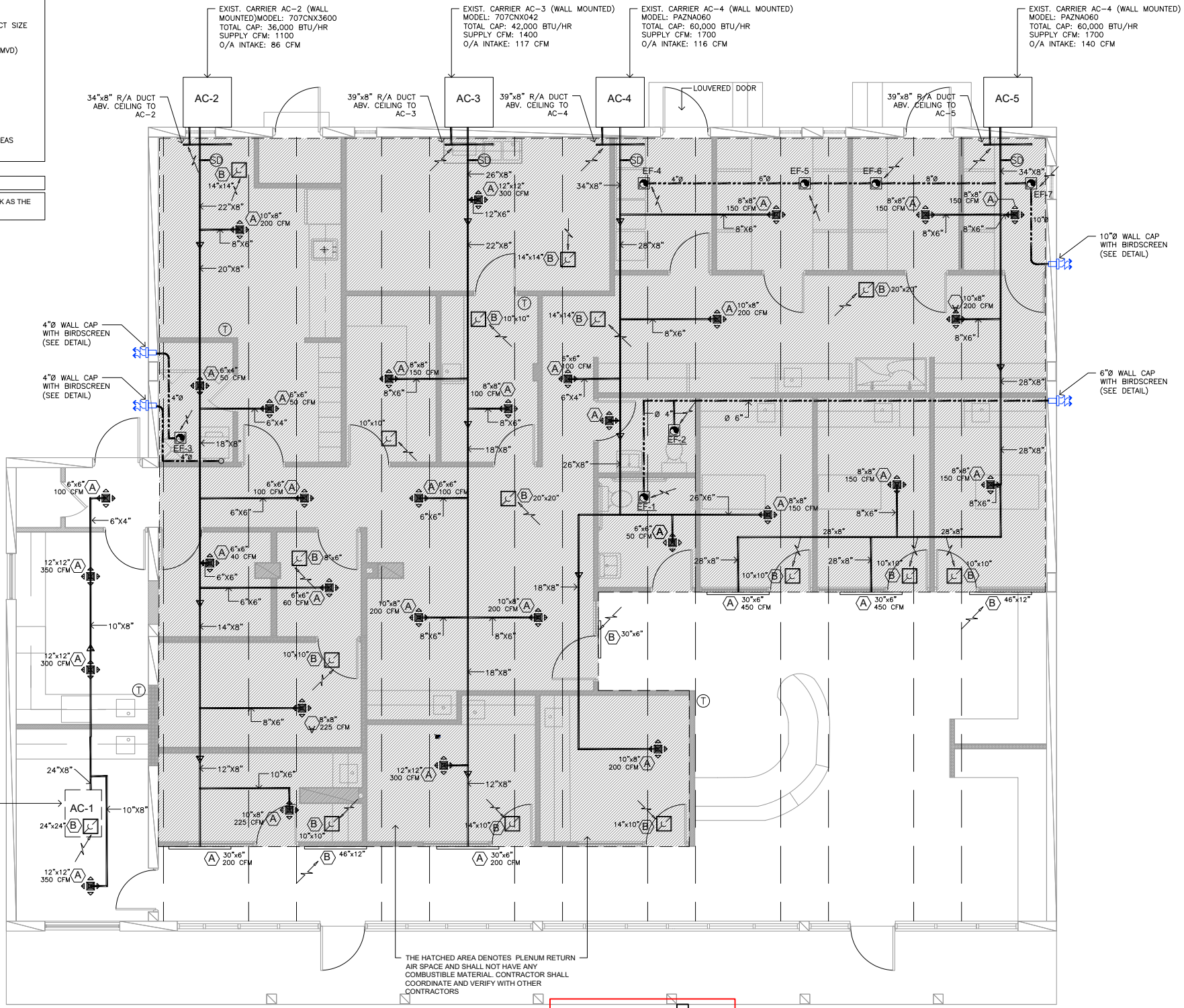
Design

SYMBOL LEGEND

- Ⓧ THERMOSTAT
- Ⓢ SMOKE DETECTOR
- ↔ REDUCED OR INCREASE DUCT SIZE
- L — MANUAL VOLUME DAMPER (MVD)
- EF EXHAUST FAN
- Ⓢ S/A SUPPLY AIR DIFFUSER
- Ⓡ RETURN AIR REGISTER
- ▨ DENOTES DROP-CEILING AREAS

SCOPE OF WORK

INSTALL NEW AIR DISTRIBUTION DUCT WORK AS THE CODE AND DESIGN REQUIRED



1:12 SLOPE HANDICAP RAMP
A HANDICAMP RAMP OF 1:12 SLOPE WAS BUILT NEAR TO THE MAIN ENTRANCE.
CODE OF ORDINANCES CHAPTER 265 - ZONING
ARTICLE XI - DEVELOPMENT STANDARDS OF GENERAL APPLICABILITY

AIR CONDITIONING PLAN
SCALE: 1/4" = 1'-0"

H.V.A.C GENERAL NOTES

1. THE WORK THAT IS TO BE DONE UNDER THIS HEADING INCLUDES THE FURNISHING OF ALL LABOR, MATERIALS, EQUIPMENT, PERMITS, FEES INSPECTIONS, TESTS, INSURANCE, ETC. REQUIRED FOR THE COMPLETION OF THE AIR CONDITIONING SYSTEM SHOWN ON THE DRAWINGS AND/OR LISTED BELOW.
2. CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH ALL EXISTING CONDITIONS AND SCOPE OF WORK. CONTRACTOR SHALL SUBMIT ANY DISCREPANCIES TO ARCHITECT-ENGINEER FIFTEEN (15) DAYS PRIOR TO BIDS. THE NATURE OF THIS PROJECT INVOLVES THE REMODELING OF EXISTING FACILITIES.
3. INTERRUPTION OF EXISTING FACILITIES AND/OR SERVICES SHALL BE KEPT TO A MINIMUM AND THE CONTRACTOR SHALL FURNISH ALL MATERIALS REQUIRED WHENEVER TEMPORARY CONNECTIONS ARE NECESSARY TO MAINTAIN CONTINUITY OF SERVICES. COORDINATE ALL INTERRUPTION OF SERVICES WITH THE OWNER'S REPRESENTATIVE.
4. VENTILATION DUCTWORK SHALL BE GALVANIZED STEEL WITH GAUGES, DUCT CONSTRUCTION, BRACING AND SUSPENSION IN ACCORDANCE WITH THE RECOMMENDATIONS SET FORTH IN THE LATEST EDITION OF THE A.S.H.R.A.E. GUIDE AND S.M.A.C.N.A. STANDARDS. DUCT SIZES SHOWN ARE "INSIDE" DIMENSIONS. VERIFY EXACT LOCATION OF DUCT WITH RESPECT TO STRUCTURE BEFORE FABRICATION.
5. FLEXIBLE DUCT SHALL BE STEEL HELIX WIRE ON 7/8" CENTERS, ENCAPSULATED IN A CONTINUOUS SOFT VINYL FILM, JOINED BY MOLECULAR WELDING TO FORM AN AIR TIGHT INNER CORE. THE CORE IS TO BE INSULATED WITH FIBERGLASS INSULATION (R-6), AND SHEATHED IN A REINFORCED, ALUMINUM METALIZED POLYESTER VAPOR BARRIER JACKET. PROVIDE SPIN COLLAR WITH DAMPER AND EXTRACTOR WHERE FLEXIBLE DUCT IS CONNECTED TO RECTANGULAR DUCTWORK. DAMPER ACTUATOR SHALL BE EXTENDED OUTSIDE INSULATION.
6. AIR CONDITIONING SUPPLY AND RETURN DUCTWORK SHALL BE 1-1/2" (R=6 MIN.) FIBERGLASS U.L. 181 LISTED, CLASS I AIR DUCT. DUCTWORK SHALL BE FABRICATED IN ACCORDANCE WITH S.M.A.C.N.A. STANDARDS.
7. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION AND IN STRICT COMPLIANCE WITH ALL APPLICABLE CODES AND STANDARDS.
8. SUBMIT SHOP DRAWING OF ALL MATERIALS AND EQUIPMENT FOR APPROVAL PRIOR TO FABRICATION.
9. OBTAIN FULL INFORMATION REGARDING PECULIARITIES AND LIMITATIONS OF SPACE AVAILABLE FOR INSTALLATION OF THE EQUIPMENT AND MATERIALS UNDER CONTRACT AND PROVIDE READY ACCESSIBILITY TO DAMPERS, VALVES AND OTHER APPARATUS, INCLUDING ANY PART OF SYSTEM REQUIRED TO BE REACHED FOR MAINTENANCE AND OPERATIONS.
10. CUT ALL OPENINGS AND CHASES REQUIRED TO ACCOMMODATE THE WORK UNDER THIS DIVISION, AND REPAIR ALL FLOORS, WALLS, ETC., DAMAGED BY SUCH CUTTINGS. ALL WORK DONE UNDER THIS HEADING MUST CONFORM IN EVERY RESPECT TO FINISH AND QUALITY OF MATERIALS AND WORKMANSHIP SPECIFIED UNDER APPROPRIATE SECTIONS FOR THE BUILDING.
11. TEMPERATURE CONTROL SHALL BE A ROOM THERMOSTAT FOR HEATING/COOLING WITH STAGES AS REQUIRED.
12. VIBRATION ISOLATION: ALL EQUIPMENT AS PER MANUFACTURER RECOMMENDATIONS TO ELIMINATE ANY EQUIPMENT NOISE FROM BEING HEARD.
13. GUARANTEES:
 - A. ALL COMPRESSOR MOTORS ON NEW EQUIPMENT FURNISHED UNDER THIS CONTRACT SHALL HAVE A 5 YEARS PRODUCT GUARANTEE FROM DATE OF START-UP.
 - B. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN A 1 YEAR FROM DATE OF ACCEPTANCE.
14. TESTING:
 - A. ALL REFRIGERANT HIGH SIDE PIPING TO 300 PSIG. LOW SIDE TO 150 PSIG. AFTER TESTING, EVACUATE SYSTEM TO 28% MERCURY GAUGE PRESSURE WITH VACUUM PUMP. HOLD FOR 25 HOURS WITH PUMP OFF. BREAK VACUUM WITH REFRIGERANT.
 - B. BALANCE AIR SYSTEM TO DELIVER QUANTITIES AT EACH OUTLET WITHIN 5% USING A.A.B.C. PROCEDURES AND TESTS. SUBMIT AIR BALANCE TEST RESULTS FOR APPROVAL PRIOR TO FINAL INSPECTION.
15. MECHANICAL CONTRACTOR SHALL VERIFY DIRECTION OF EXISTING STRUCTURE BEFORE INSTALLATION OF EQUIPMENTS AND DUCTWORK. SHOULD ANY DISCREPANCIES BE FOUND CONTACT ARCHITECT/ENGINEER.
16. ALL EXTERIOR DUCTS SHALL BE GALVANIZED STEEL WITH GAUGES DUC CONSTRUCTION IN ACCORDANCE WITH THE RECOMMENDATION SET FORTH IN THE LATEST EDITION OF A.S.H.R.A.E. GUIDE AND S.M.A.C.N.A STANDARDS SHALL BE LINED AND SEALED WEATHER TIGHT AND WITHOUT LEAKS BY SOLDERING
17. EXISTING (5) UNITS SHALL BE CLEANED SUCH AS COIL, ETC. LUBRICATE MOTOR AND BEARING PROVIDE NEW BELT AND FILTERS TESTING REFRIGERANT HIGH & LOW SIDE PIPING TO PRESSURE AS RECOMMENDED BY MANUFACTURER.

Contractor Info

Project Type - Photovoltaic

Project Location:

Parcel Number:

File Name:
VETERINARY CLINIC PLANSET.DWG

Title:
AIR CONDITIONING PLAN

Sheet Size:
ANSI full bleed B (11.00 x 17.00 Inches)

Drawing history

no.	drawn by	revision	date
01	---	---	--/--

Design

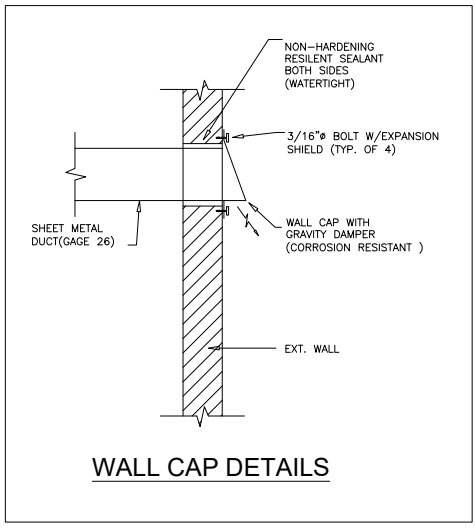
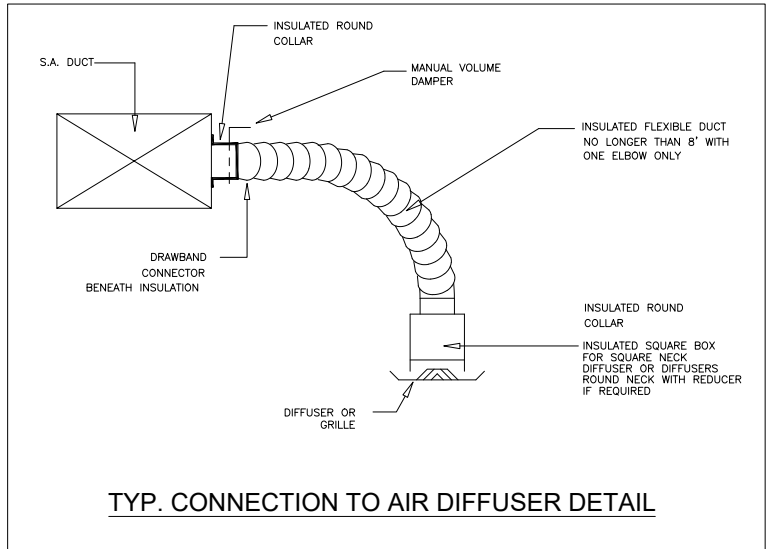
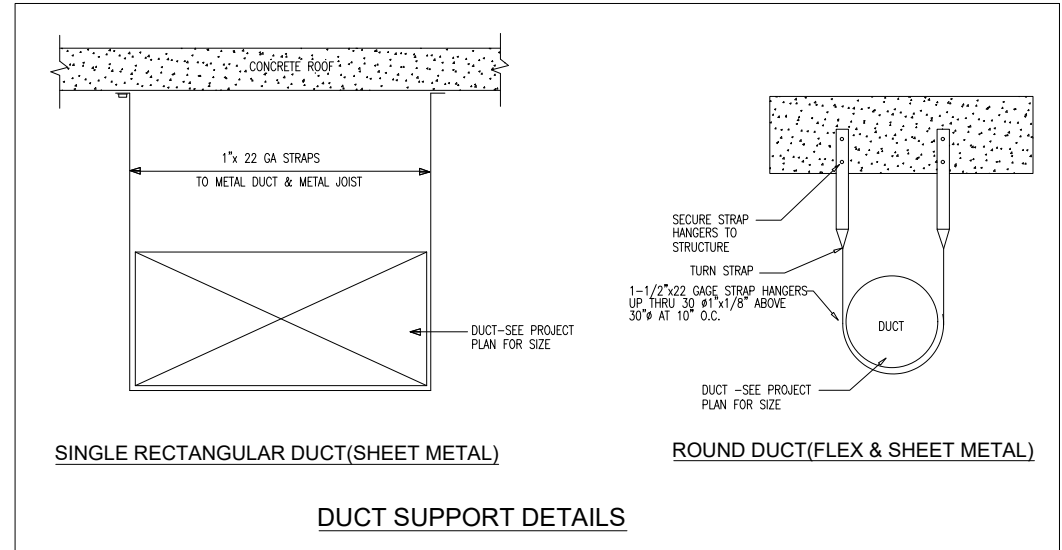
O/A CALCULATIONS (BASED ON A.S.H.R.A.E. 62 -2017 & FBC)						
AREA	SQ.FT (NET)	O/A REQUIRED	CFM REQUIRED	AC UNIT	CFM DESIGNED	TOTAL O/A CFM
LABORATORY	114	---	---	AC-1	60	90
	4	15 CFM/PERSON	60			
TEATMENT-2	114	---	---	AC-1	30	145
	2	15 CFM/PERSON	30			
STAFF ROOM & LOOKERS	200	0.25 CFM/SQ.FT	50	AC-2	50	238
	---	---	---			
LAUNDRY	41	0.12 CFM/SQ.FT	5	AC-2	5	280
	---	---	---			
HALL-2	40	0.06 CFM/SQ.FT	3	AC-2	3	265
	---	---	---			
X RAY	116	---	---	AC-2	15	29
	1	15 CFM/PERSON	15			
RADIOLOGY	34	---	---	AC-2	15	46
	1	15 CFM/PERSON	15			
STORAGE	56	0.12 CFM/SQ.FT	7	AC-2	7	
	---	---	---			
EXAMROOM -6	77	---	---	AC-2	50	
	2	25 CFM/PERSON	50			
HALL-1	90	0.06 CFM/SQ.FT	6	AC-2	6	
	---	---	---			
SURGERY	178	---	---	AC-3	75	
	3	25 CFM/PERSON	75			
PREP-ROOM	72	---	---	AC-3	30	
	2	15 CFM/PERSON	30			
OFFICE	67	0.06 CFM/SQ.FT	4	AC-3	14	
	2	5 CFM/PERSON	10			
HALL-2	41	0.06 CFM/SQ.FT	3	AC-3	3	
	---	---	---			
TREATMENT-1	236	---	---	AC-3	60	
	4	15 CFM/PERSON	60			
EXAMROOM-6	77	---	---	AC-3	50	
	2	25 CFM/PERSON	50			
HALL-1	90	0.06 CFM/SQ.FT	6	AC-3	6	
	---	---	---			
RECOVERY	246	---	---	AC-4	30	
	2	15 CFM/PERSON	30			
STAFF RESTROOM			50	AC-4	50	
ADA RESTROOM			50	AC-4	50	
EXAMROOM-1	90	---	---	AC-4	50	
	2	25 CFM/PERSON	50			
EXAMROOM-2	75	---	---	AC-4	50	
	2	25 CFM/PERSON	50			
DOG KENNEL	79	---	---	AC-4	50	
	2	25 CFM/PERSON	50			
CAT KENNEL	64	---	---	AC-5	50	
	2	25 CFM/PERSON	50			
OTHER KENNEL	45	---	---	AC-5	50	
	2	25 CFM/PERSON	50			
EXAMROOM-2	75	---	---	AC-5	50	
	2	25 CFM/PERSON	50			
EXAMROOM-3	114	---	---	AC-5	50	
	2	25 CFM/PERSON	50			
RECEPTION	105	0.06 CFM/SQ.FT	9	AC-5	29	
	4	5 CFM/PERSON	20			
LOBBY	275	0.06 CFM/SQ.FT	16	AC-5	46	
	4	7.5 CFM/PERSON	30			

AIR DISTRIBUTION SCHEDULE				
SYMBOL	NECK SIZE	MFGR.	MODEL NUMBER	REMARKS
(A)	SEE FLR. PLAN	TITUS OR EQUAL	CEILING/WALL DIFFUSER SERIES 250 AAA	S/A REG.
(B)	SEE FLR. PLAN	TITUS OR EQUAL	RETURN GRILLES 50 F	R/A REG.
NOTES: 1. REFER TO PLAN FOR QUANTITY, LOCATION AIR THROW PATTERN AND SIZES. 2. ALL AIR DISTRIBUTION DEVICES SHALL BE OF EXTRUDED ALUMINUM CONSTRUCTION, FURNISH WITH OPPOSED BLADE DAMPERS AND CONCEALED MOUNTING FRAME FOR ACOUSTICAL OR PLASTER CEILING INSTALLATION.				

FAN SCHEDULE				
UNIT NUMBER	EF-1 & EF-2	EF-3	EF-4,5,6 & 7	
AREA SERVED	BTHROOMS	DRYER	DRYER	
LOCATION	CEILING	CEILING	CEILING	
DUTY	SUPPLY/EXH.	EXH	EXH	
FAN TYPE	CEILING	CEILING	CEILING	
DRIVE	BELT/DIRECT	DIRECT	DIRECT	
FAN SPEED	RPM	1200	1200	
AIR QUANTITY	CFM	100	100	
TOTAL STATIC PRESS.	H ₂ O	0.25	0.25	
OPENING REQUIRED	IN.	---	---	
FAN MOTOR	HP	65 WATTS	65 WATTS	
ELECTRICAL CHAR.	V/Ø/~/	115/1/60	115/1/60	
MANUFACTURER		LOREN COOK OR EQUAL	LOREN COOK OR EQUAL	
MODEL NUMBER		GC-240	GC-240	
WEIGHT	LBS.	30	30	
REMARKS	SONES	1.5	1.5	

NOTE:
 1. INSTALL EF-1 & EF-2 WITH BACKDRAFF DAMPER.
 2. CONNECT EF-1 & EF-2 TO DISCONNECT SWITCH.

HVAC DESIGN REQUIRES	YES	NO
DUCT SMOKE DETECTOR	●	
FIRE DAMPER (S)		●
SMOKE DAMPER (S)		●
FIRE RATED ENCLOSURE		●
FIRE RATED ROOF		●
CELLING ASSEMBLY		●
FIRE STOOPING		●
SMOKE CONTROL		●



Contractor Info

Project Type - Photovoltaic

Project Location:

Parcel Number:

File Name:
VETERINARY CLINIC PLANSET.DWG

Title:
 DUCT SUPPORT DETAILS

Sheet Size:
 ANSI full bleed B (11.00 x 17.00 Inches)

Drawing history			
no.	drawn by	revision	date
01	---	---	--/--/--

Design

PLUMBING SYMBOL LEGEND

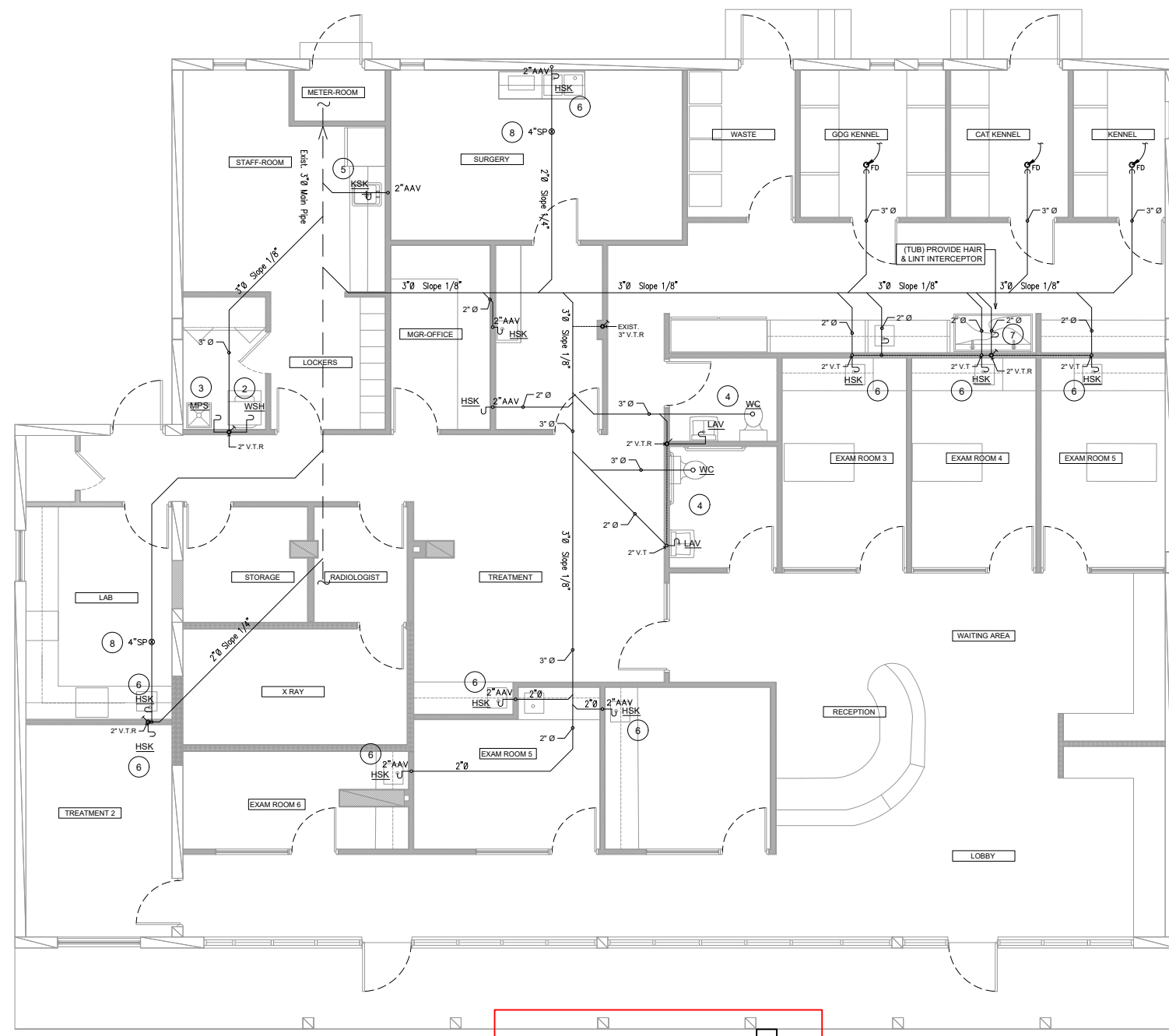
	SANITARY SEWER PIPING		GATE VALVE
	EXISTING SANITARY SEWER		GLOBE VALVE
	VENT PIPING		CHECK VALVE
	COLD WATER PIPING		BALANCING VALVE
	EXISTING COLD WATER PIPING		GAS COCK
	HOT WATER PIPING (110°)		WATER HAMMER ARRESTER
	GAS LINE		SHUT-OFF VALVE
	CONDENSATE PIPING		CLEAN OUT TO GRADE
	PIPE RISE OR DROP		FLOOR DRAIN
	PIPE DROP		DOMESTIC COLD WATER
	CAPPED END OF PIPE		GLOBE VALVE
	CLEAN OUT		BACKFLOW
	P-TRAP		DOMESTIC HOT WATER
	FLOOR DRAIN		DOMESTIC HOT WATER RETURN
	HOSE BIBB		VENT THRU ROOF

PLUMBING LEGEND GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH FLORIDA PLUMBING CODE FBC P 2023 7th EDITION AND ALL CODES ADOPTED BY IT.
- THESE DRAWINGS ARE DIAGRAMMATIC AND REQUIRE COORDINATION WITH BUILDING STRUCTURAL ELEMENTS. UNLESS SPECIFIED IN THIS PLANS CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND EQUIPMENT CUT SHEETS FOR EXACT DIMENSIONS OF FIXTURES, EQUIPMENT AND STUB OUT LOCATIONS. PRIOR TO ORDERING.
- PLUMBING CONTRACTOR SHALL FINISH A WRITTEN GUARANTEE THAT ALL PLUMBING WORK IS FREE FROM DEFECTS OF MATERIALS AND WORKMANSHIP, AND FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE, REPAIR AND REPLACE ALL WORK WHICH BECOMES DEFECTIVE AT NO EXPENSE TO THE OWNER.
- MATERIALS SHALL BE AS FOLLOWS:
DOMESTIC WATER PIPING: TYPE "L" COPPER WITH LEAD FREE SOLDER
SANITARY WASTE PIPING: SHC 40 PVC ABOVE GRADE
SHC 40 PVC BELOW GRADE
VALVES: BRONZE NIBCO OR EQUAL AND RATED AT 125 PSI
HANGERS: COPPER SHALL BE SUPPORTED EVERY 8'-0" HOR
CAST IRON SHALL BE SUPPORTED EVERY 5'-0" HOR
AND AT THE BASE OF EACH STORY LESS THAN 15' HIGH
PVC PIPING SHALL BE SUPPORTED EVERY 4'-0" HOR
- ELECTRIC WATER HEATER SHALL BE GLASS LINED WITH 5 YEAR WARRANTY
- ALL PLUMBING FIXTURES SHALL BE WATER SAVER POR CODE FPC TABLE 604.4. TYPE, COLOR AND TRIM TO BE SELECTED BY OWNER
- ALL FLOOR DRAINS SHALL HAVE TRAP PRIMERS
- HOT WATER SHALL BE INSULATED IN 1 FIBER GLASS ENCASED IN CANVAS JACKET
- WATER PIPING SHALL BE SUBJECT TO 100 PSI HYDROSTATIC PRESSURE FOR A PERIOD OF TIME SUFFICIENT TO EXAMINE THE WHOLE SYSTEM BUT NOT LESS THAN 24 HOURS.
- DRAINAGE PIPING - THE ENDS OF THE PIPING SHALL BE PLUGGED AND THE SYSTEM FILLED WITH FOOT HEAD OF WATER. WATER SHALL STAND UNTIL INSPECTION IS MADE AND WATER LEVEL REMAINS CONSTANT.
- STERILIZE WATER LINES WITH A MIXTURE OF 2 LBS OF CHLORINATED LINE TO EACH 1000 GALLONS OF WATER. RETAIN THE MIXTURE IN PRESS FOR 24 HOURS AND FLUSH THOROUGHLY WITH POTABLE WATER BEFORE PLACING IN SERVICE.
- COMPLETE SYSTEM FIXTURES AND EQUIPMENT SHALL BE GIVEN AN IN-SERVICE TEST AFTER COMPLETION OF INSTALLATION.
- FURNISH REQUIRED FLASHING TO ROOFING CONTRACTOR FOR PIPES PENETRATING THE ROOF.
- PROVIDE EXCAVATION AND BACKFILL COMPACTION REQUIRED FOR PLUMBING UNDERGROUND WORK. ALL PIPING BELOW GRADE SHALL BE COORDINATE WITH STRUCTURAL ELEMENTS PRIOR TO ROUTING.

PLUMBING KEY NOTES:

- PRIOR TO BID & CONSTRUCTION, PLUMBING CONTRACTOR SHALL LOCATE EXISTING WATER SUPPLY. INSTALL 30 GAL SHORT TANK TYPE WALL MOUNTED WATER HEATER. RELOCATE LINES AS NECESSARY.
- INSTALL NEW WASHER MACHINE CONNECTIONS. PROVIDE NEW 1/2" COLD & HOT WATER SUPPLY AND CONNECT 2" DRAIN TO 3"Ø PIPE.
- INSTALL NEW SERVICE SINK. PROVIDE NEW 1/2" COLD & HOT WATER SUPPLY AND CONNECT 2" DRAIN TO 3"Ø PIPE.
- INSTALL NEW BATHROOM FIXTURES GROUP AS PER SHOWN ON PLANS.
- INSTALL NEW KITCHEN SINK AT STAFF BREAK ROOM AS SHOWN ON PLANS. PROVIDE 1/2" COLD & HOT WATER & CONNECT 2" DRAIN TO NEW SANITARY LINE.
- INSTALL NEW HAND SINK ON EACH EXAMINATION ROOMS. PROVIDE 1/2" COLD & HOT WATER & CONNECT 2" DRAIN TO NEW SANITARY LINE. PROVIDE AAVAL VALVE IF REQUIRED.
- INSTALL NEW (DOG) BATH-TUB AS SHOWN ON PLANS. PROVIDE 1/2" COLD & HOT WATER & CONNECT 2" DRAIN TO NEW SANITARY LINE. PROVIDE HAIR INTERCEPTORS UNDER THE TUB AS PER DETAILS (SEE DETAILS @ P. 3.0). SUSPENDED TYPE HAIR AND LINT INTERCEPTORS.
- INSTALL ACCESSIBLE SAMPLING PORT AT LABORATORY WASTE LINE AS PER DETAILS.



SANITARY PLAN

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

NOT WASTE CHEMICAL OR WASTEWATER IN CONTACT WITH CHEMICALS WILL BE DISCHARGED INTO THE SANITARY SEWER SYSTEM FROM LAB AND SURGERY SINKS

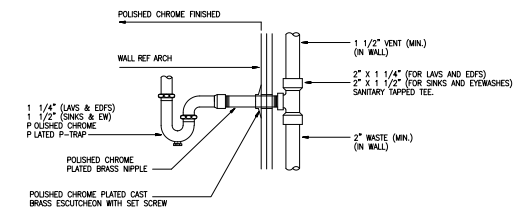
ALL DISCHARGERS FROM LABORATORY, SURGERY AND DOG BATHTUB SHALL COMPLY WITH THE MIAMI DADE COUNTY SEWER DISCHARGE STANDARDS AS PER SECTION 24.42.4 CODE OF ORDINANCES

1:12 SLOPE HANDICAP RAMP
A HANDICAMP RAMP OF 1:12 SLOPE WAS BUILT NEAR TO THE MAIN ENTRANCE.

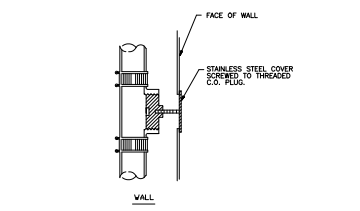
CODE OF ORDINANCES CHAPTER 265 - ZONING ARTICLE XI - DEVELOPMENT STANDARDS OF GENERAL APPLICABILITY

NOTES:

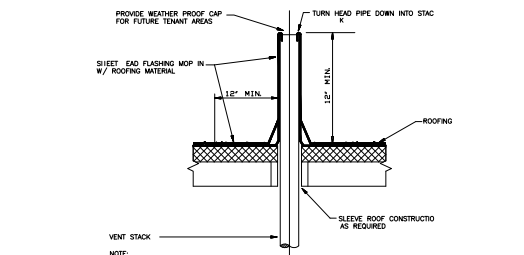
- THE CONTRACTOR SHALL FULL RESPONSIBILITY AND RELATED COSTS INCLUDING FEES FOR ANY FIELD CHANGES OR DEVIATIONS FROM CONSTRUCTION DOCUMENTS WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT OR ENGINEER OF RECORD
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BID/INSTALLATION
- CONTRACTOR TO VERIFY ALL EQ. LOCATIONS & REQUIREMENTS WITH OWNER PRIOR TO BID/INSTALLATION



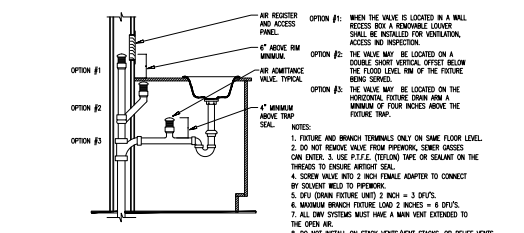
TYP. DRAIN PIPING DETAIL
NTS



TYP. CLEANOUT DETAIL
NTS



VENT THRU ROOF DETAIL
NTS



AIR ADMITANCE VALVE MOUNTING DETAIL
N.T.S. (TO BE USED AS NEEDED)

SLOPE OF HORIZONTAL DRAINAGE PIPE
FBC TABLE 704.1

SIZE (inches)	MINIMUM SLOPE (inch per foot)
2 1/2" or less	1/4
3 to 6	1/8
8 or larger	1/16

Contractor Info

Project Type - Photovoltaic

Project Location:

Parcel Number

File Name:
VETERINARY CLINIC PLANSET.DWG

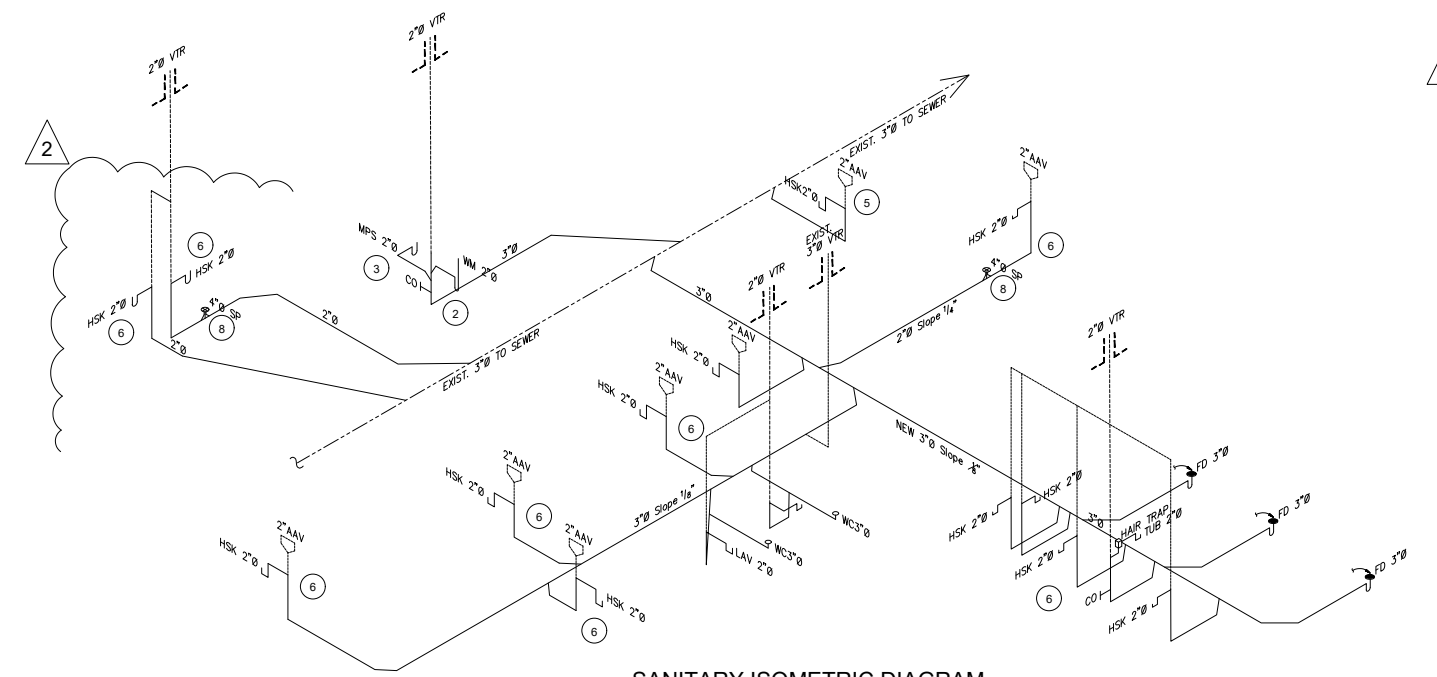
Title:
SANITARY PLAN

Sheet Size:
ANSI full bleed B (11.00 x 17.00 Inches)

Drawing history

no.	drawn by	revision	date
01	---	---	--/--/---

Design

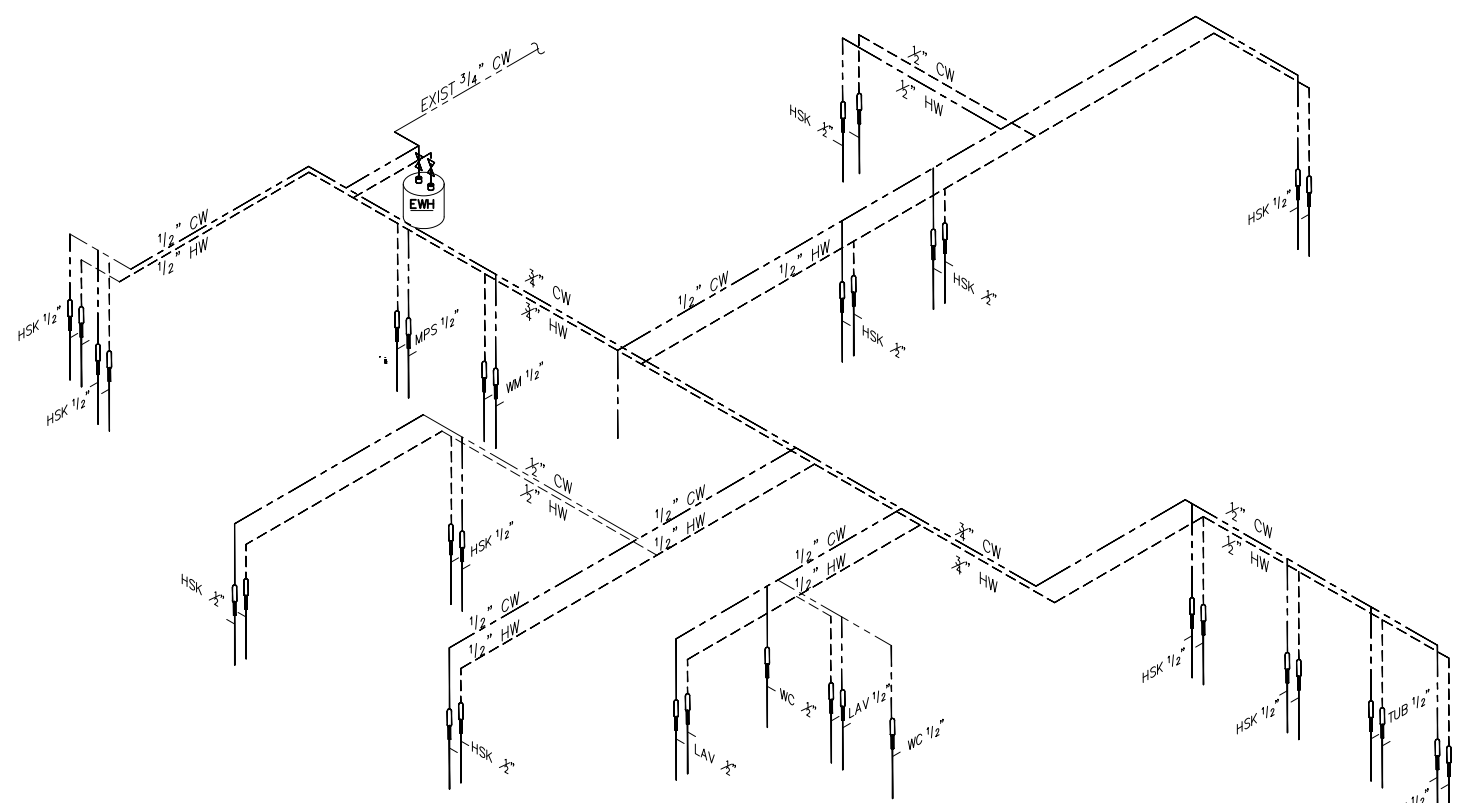


SANITARY ISOMETRIC DIAGRAM
NTS

CONNECT TO EXISTING PIPE. VERIFY EXACT SIZE, LOCATION, INVERT & CAPACITY IN FIELD PRIOR TO COMMENCEMENT OF WORK. NOTIFY ARCHITECT & ENGINEER OF ANY DISCREPANCIES

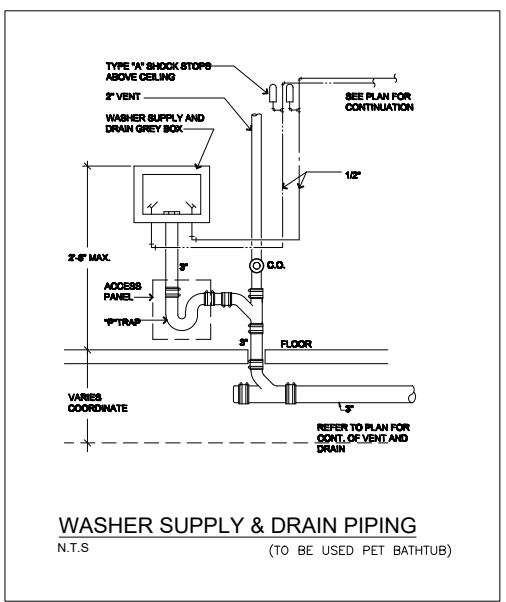
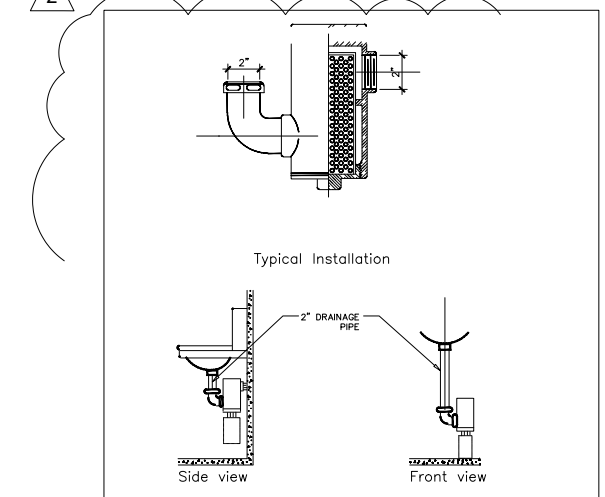
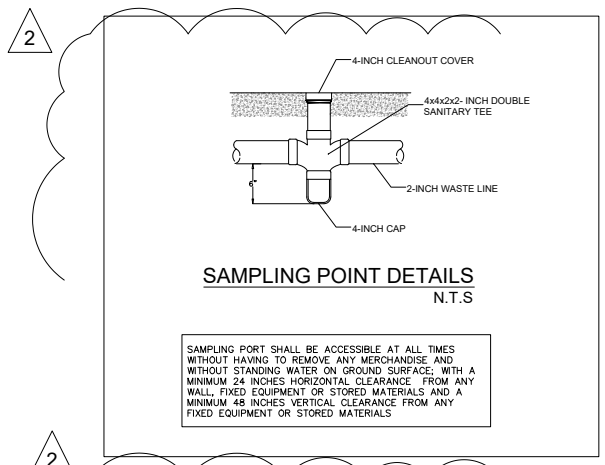
NOT WASTE CHEMICAL OR WASTEWATER IN CONTACT WITH CHEMICALS WILL BE DISCHARGED INTO THE SANITARY SEWER SYSTEM FROM LAB AND SURGERY SINKS

ALL DISCHARGERS FROM LABORATORY, SURGERY AND DOG BATHTUB SHALL COMPLY WITH THE MIAMI DADE COUNTY SEWER DISCHARGE STANDARDS AS PER SECTION 24.42.4 CODE OF ORDINANCES



WATER SUPPLY ISOMETRIC DIAGRAM
NTS

CONNECT TO EXISTING PIPE. VERIFY EXACT SIZE, LOCATION, INVERT & CAPACITY IN FIELD PRIOR TO COMMENCEMENT OF WORK. NOTIFY ARCHITECT & ENGINEER OF ANY DISCREPANCIES



FIRE STOPPING DETAILS
NTS

Contractor Info

Project Type - Photovoltaic

Project Location:

Parcel Number:

File Name:
VETERINARY CLINIC PLANSET.DWG

Title:
SITE LAYOUT

Sheet Size:
ANSI full bleed B (11.00 x 17.00 Inches)

Drawing history

no.	drawn by	revision	date
01	---	---	---/---/---

Design

