

REVISIONS

NO. DATE DRAWN

SHEET NUMBER

A WALK-IN ADDTION FOR:

58000 COWBOY WAY CLARK, COLORADO

ZONINO = AF

GENERAL NOTES:

I. ALL CONSTRUCTION AND MATERIALS SHALL BE SPECIFIED AND IN ACCORDANCE WITH ALL APPLICABLE CODES, PERMITS AND LAWS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL NEW CONSTRUCTION ON THE SITE

3. THE CONTRACTOR SHALL VERIFY ALL FIELD DIMENSIONS AND CONDITIONS BEFORE STARTING WORK. IF A DISCREPANCY APPEARS BETWEEN CONSTRUCTION DOCUMENTS AND EXISTING CONDITIONS, NOTIFY YAMPA VALLEY ENGINEERING AT ONCE.

4. THE JOB SITE SHALL BE MAINTAINED IN A CLEAN AND ORDERLY CONDUCT. THE JOB SITE SHALL BE FREE OF DEBRIS AND TRASH. MATERIALS AND EQUIPMENT SHALL BE REASONABLY PLACED. EACH SUB-CONTRACTOR ON COMPLETION OF HIS/HER PHASE OF THE JOB SHALL REMOVE ALL DEBRIS,TRASH AND EQUIPMENT.

5. ALL MATERIALS AND EQUIPMENT ON THE JOB SITE SHALL BE STACKED AND PROTECTED PROPERLY TO PREVENT DAMAGES AND OR DETERIORATION.

6. ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DRAWINGS. ALL DIMENSIONS ARE TO FACE OF FRAMING AND FACE OF CONCRETE. ALL INTERIOR STUDS ARE TO BE 2X4 UNLESS OTHERWISE NOTED. ALL EXTERIOR STUDS ARE TO BE 2X6 UNLESS OTHERWISE NOTED.

7. CONTRACTOR SHALL PROVIDE ALL BLOCKING, BACKING, AND FRAMING FOR LIGHT FIXTURES AND ELECTRICAL EQUIPMENT.

8. PROVIDE ALL ACCESS PANELS TO ALL ENCLOSED SPACES, VOIDS AND ATTICS AS REQUIRED BY GOVERNING CODES.

APPLICABLE CODES OF 2019

- 20|5 INTERNATIONAL BUILDING CODE
- 2015 INTERNATIONAL MECHANICAL CODE 2015 INTERNATIONAL PLUMBING CODE
- 2015 INTERNATIONAL ENERGY CONSERVATION CODE
- 2017 NATIONAL ELECTRIC CODE

SHEET INDEX

ARCHITECTURALS

- T-I TITLE SHEET INFO SHEET
- EXISTING CONDITIONS SITE PLAN PR*OPOS*ED ELEVATI*O*NS
- PROPOSED ELEVATIONS PROPOSED MAIN LEVEL FLOOR PLAN

STRUCTURALS

F-| FOUNDATION PLAN S-| MAIN FLOOR & ROOF FRAMING PLAN M.E.P.S

E-| SINGLE LINE DIAGRAM E-2 SCHEDULES
E-3 ELECTRICAL PLAN
E-4 NOTES

RCRBD

PROJECT DIRECTORY

<u>CONTRACTOR</u>

VISTA VERDE GUEST RANCH

<u>OWNER</u>

CJJ FAMILY HOLDINGS, INC

STRUCTURAL ENGINEER

1794 KAMAR PLAZA

yvengr@yvengr.com

P.O. BOX 772/92

970-870-9229

LICENSED DESIGN PROFESSIONAL &

YAMPA VALLEY ENGINEERING, INC.

STEAMBOAT SPRINGS, COLORADO 80477

58000 COWBOY WAY

CLARK, COLORADO

Record Set



STRUCTURAL MECHANICAL ENGINEERING DESIGN DRAFTING SERVICES

JAMES STEGMAIER, P.E. 1794 KAMAR PLAZA P.O. BOX 772192 STEAMBOAT SPRINGS, CO 970-870-9229 ${\tt yvengr@yvengr.com}$

HE KIT(

JOB NO: 18-048 DRAWN: ECS DATE: 08-13-19

REVISIONS

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VICINITY MAP

CODE ANALYSIS PROJECT LOCATION: VISTA VERDE GUEST RANCH
PROJECT DESCRIPTION: ADDITION OF AN ATTACHED REFRIGERATOR BUILDING TO KITCHEN THIS CODE ANALYSIS IS BASED ON THE 2015 INTERNATIONAL BUILDING CODE, 2015 INTERNATIONAL MECHANICAL CODE & 2009 INTERNATIONAL ENERGY CONSERVATION CODE S

BASIC BUILDING DESCRIPTION: TYPE OF CONSTRUCTION = VB-NON-SPRINKLERED

Declared Occupancy of Cooler/Freezer Addition <u>FIRE RESISTIVE CONSTRUCTION:</u> NO FIRE SEPARATIONS REQUIRED

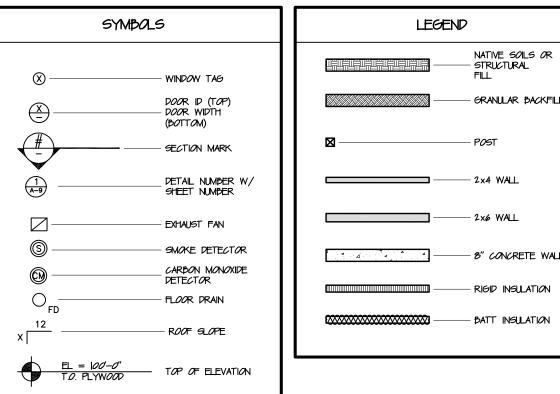
ACTUAL HEIGHT OF ADDITON = |2'-0'| FT. ALLOWED BUILDING HEIGHT = 40'-0'

<u>SQUARE FOOTAGE</u> FIRST STORY—ACTUAL SQ.FT.=456. ALLOWED SQ.FT.=|2,000

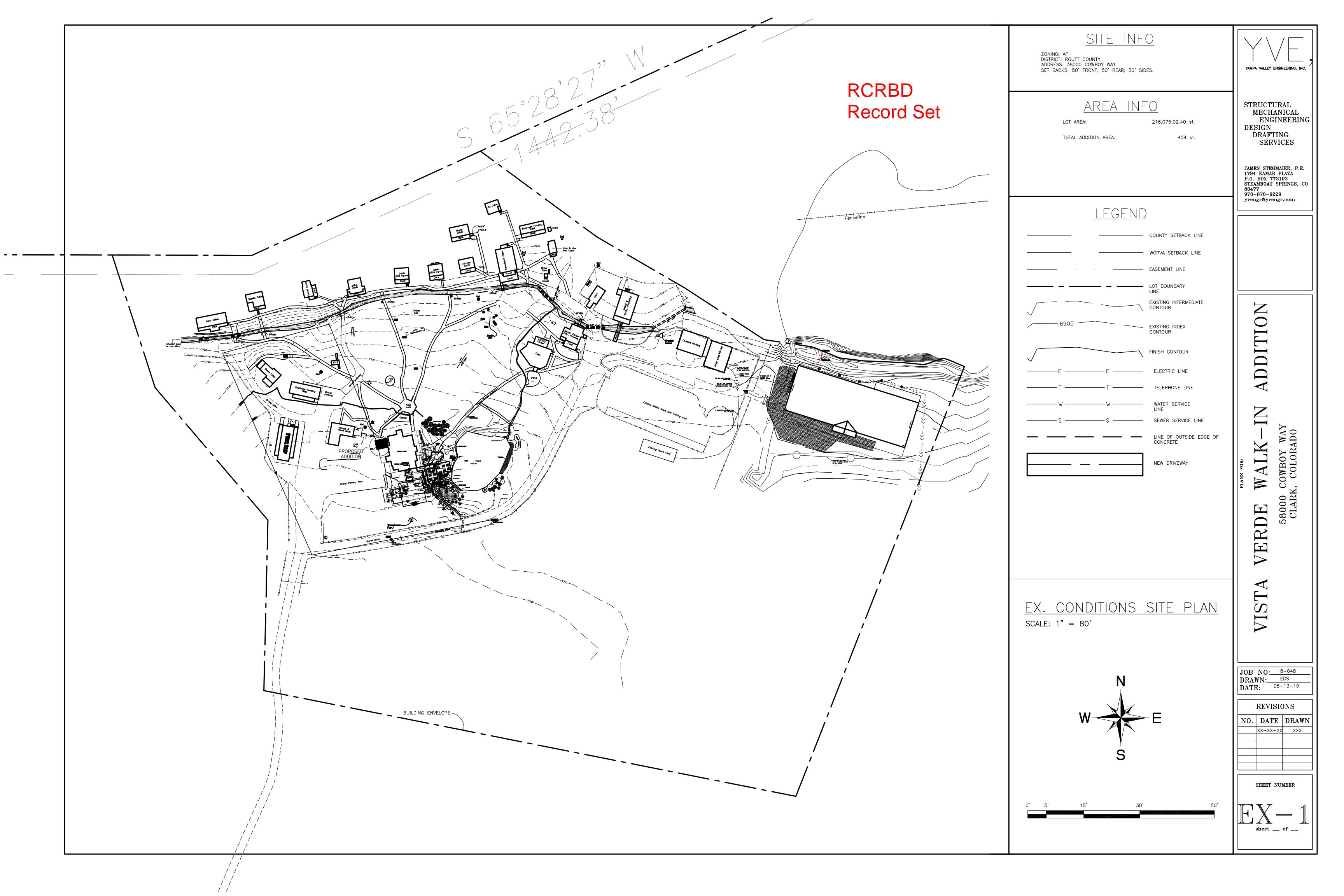
<u>EXITS:</u> ONE EXIT FROM NEW AREA.

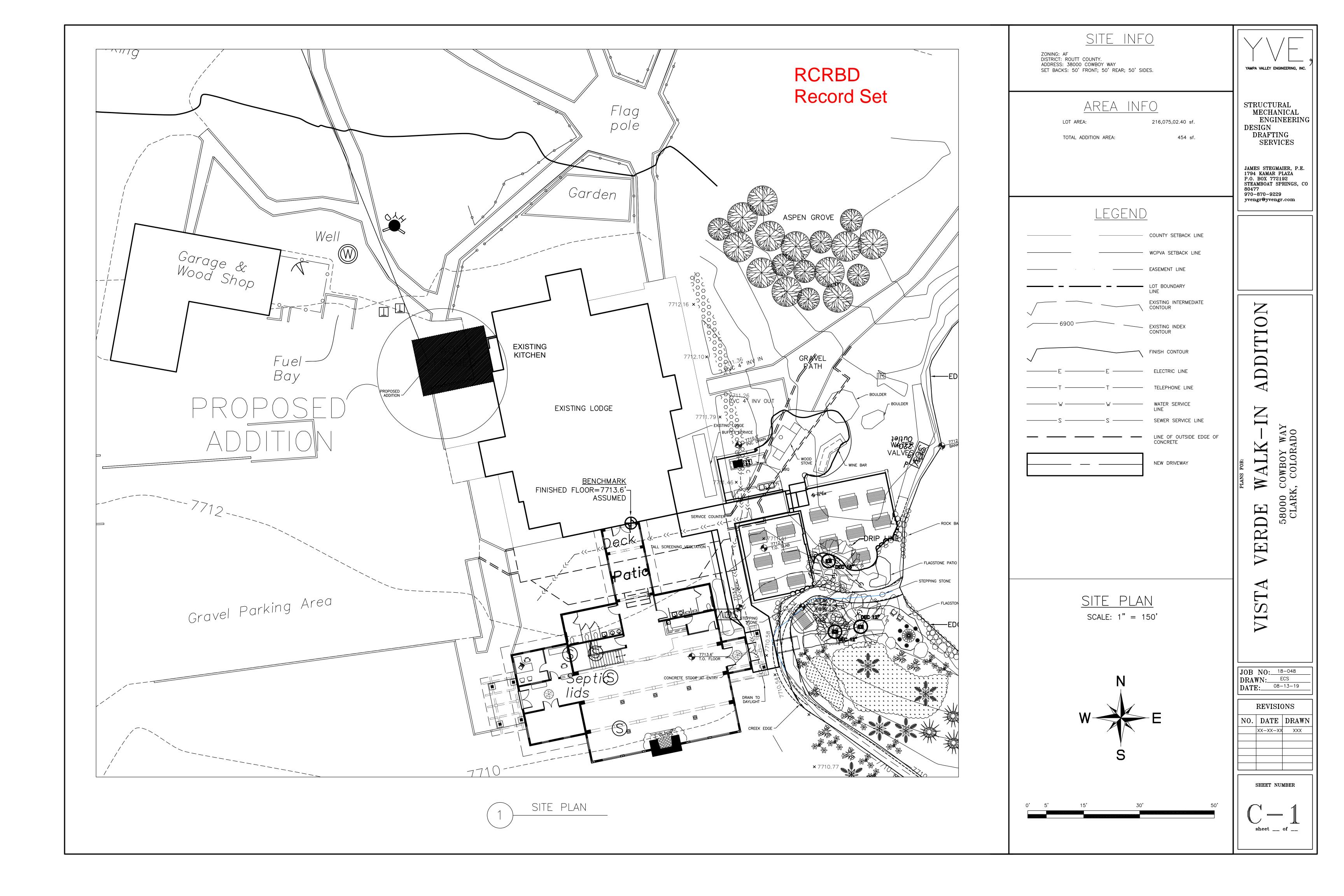
PER 2015 IMC, SECT. 1103, EQUIPMENT IS LOCATED GREATER THAN 20 FROM OPENINGS THE BULDING.

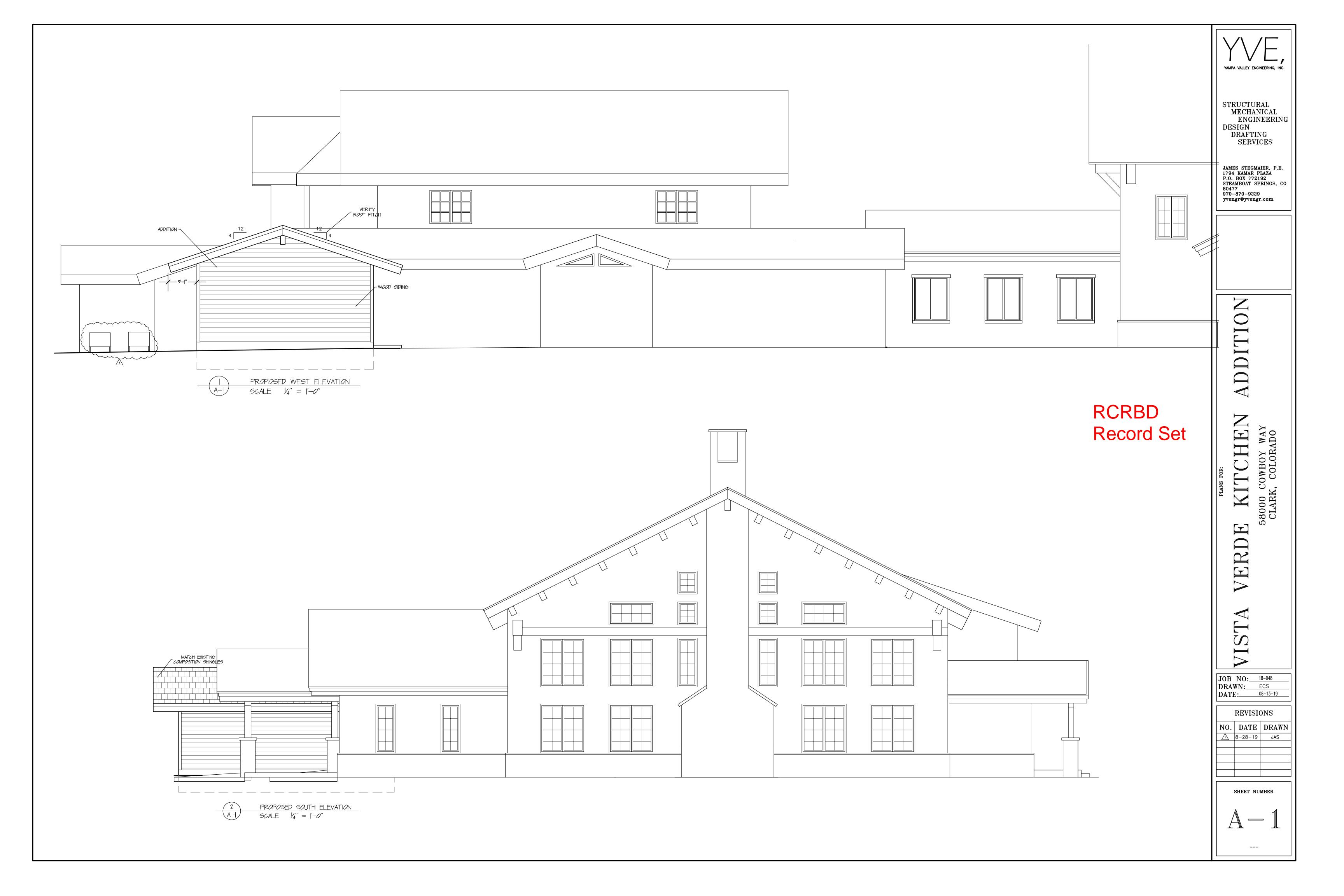
2009 Code Analysis Attached: Occupancy Type for Entire Building: A-2-, B, M, S-1

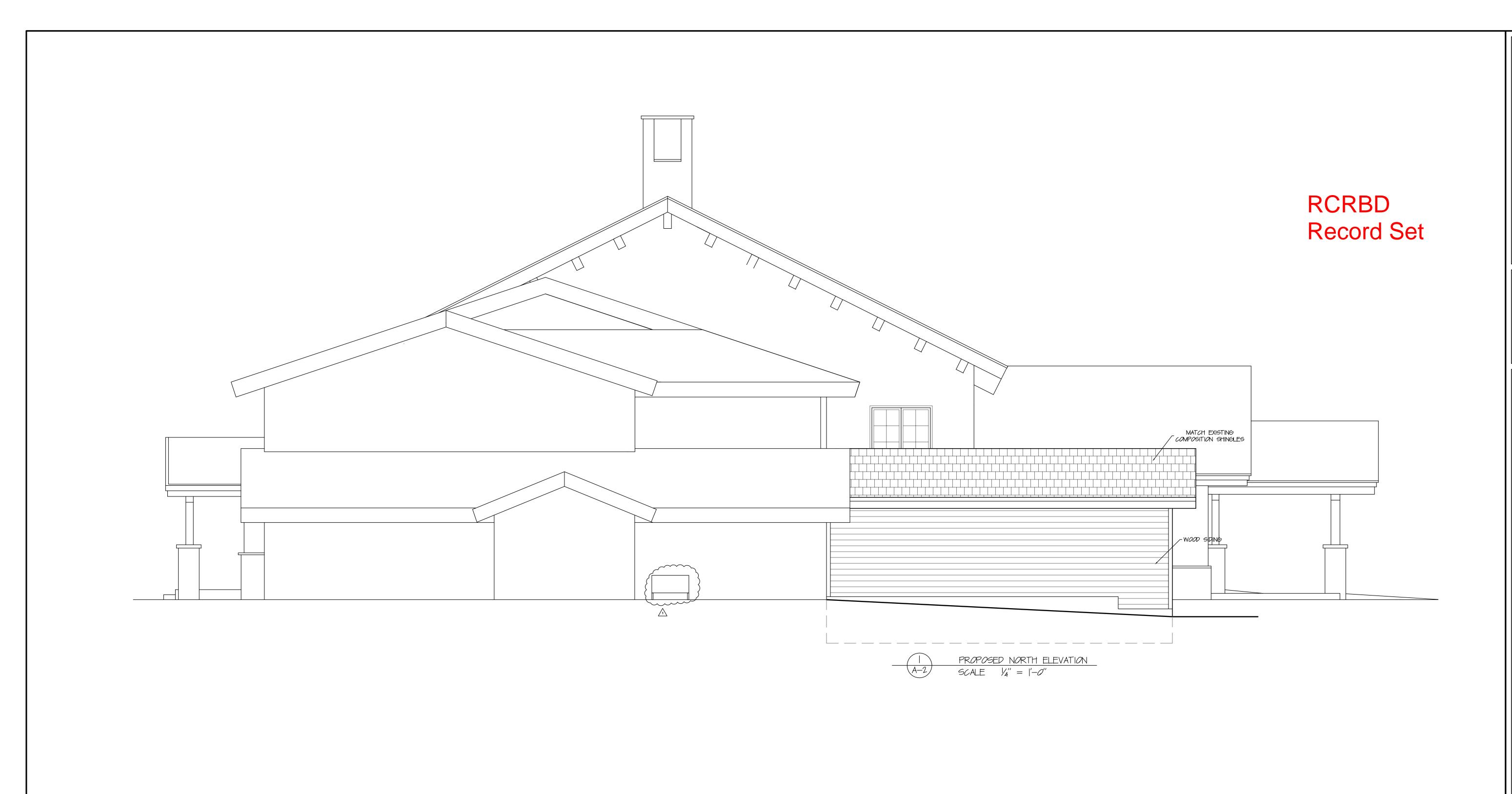


--- 8" CONCRETE WALI — RIGID INSULATI*O*N











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MECHANICAL
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HEN ADDITION

VERDE KITCHEN

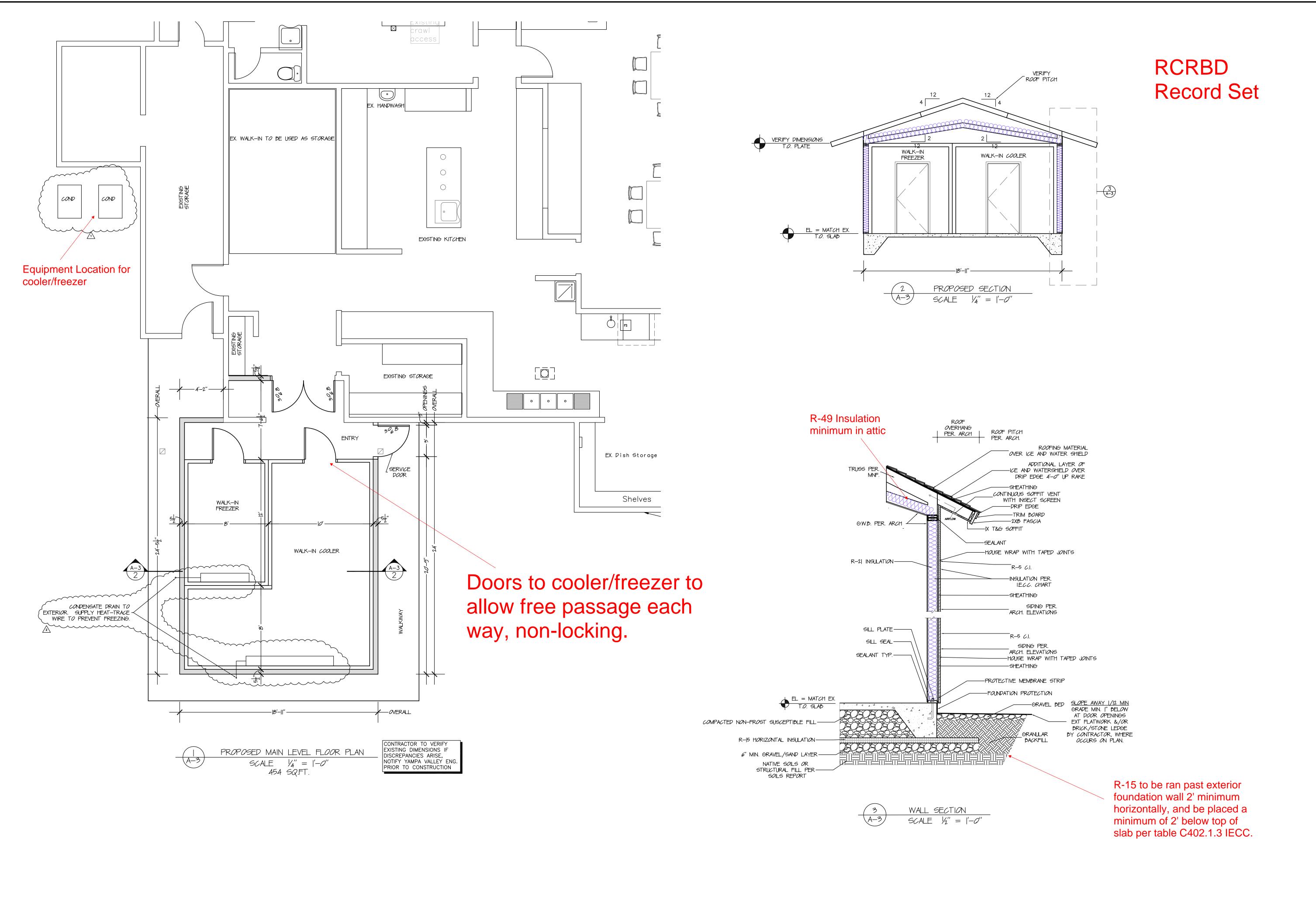
JOB NO: 18-048
DRAWN: ECS
DATE: 08-13-19

REVISIONS

NO. DATE DRAWN

\$\triangle\$ 8-28-19 JAS

SHEET NUMBER



YAMPA VALLEY ENGINEERING, INC.

STRUCTURAL MECHANICAL ENGINEERING DESIGN DRAFTING SERVICES

JAMES STEGMAIER, P.E. 1794 KAMAR PLAZA P.O. BOX 772192 STEAMBOAT SPRINGS, CO 970-870-9229 yvengr@yvengr.com

58000 C CLARK,

JOB NO: 18-048 DRAWN: ECS DATE: 08-13-19

VERDE

REVISIONS

NO. DATE DRAWN

SHEET NUMBER

1'-8"

(2) #4 BAR CONT.

STRUCTURES

2" DOW STYROFOAM

HIGHLOAD 40-OR EQUAL

Valley Engineering shall be contacted for dimension needed for construction.

bracing must be provided by the contractor to ensure foundation wall stability.

Engineering shall be contacted immediately to rectify the discrepancy.

final structure.

2. If a discrepancy exists between the architectural and structural drawings, Yampa Valley

3. All structural elements are shown in final erected position. The contractor is responsible for

4. The main level floor shall be installed prior to the backfill of any foundation wall or adequate

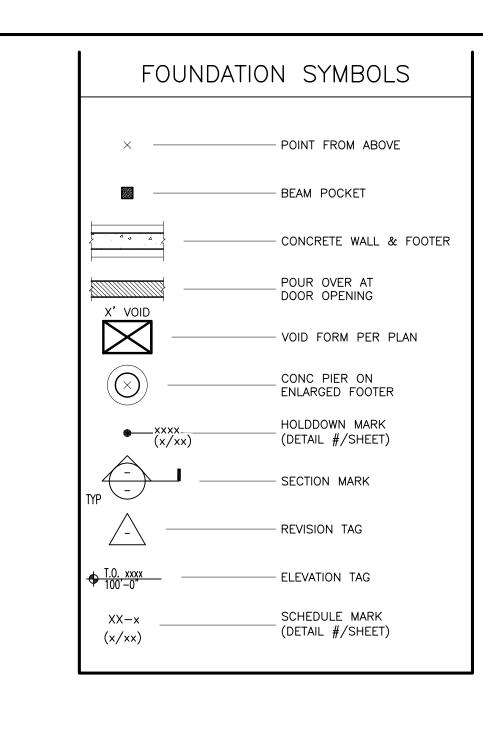
5. The basement slab shall be installed and cured prior to the backfill of any foundation wall or

separated from all building finishes to allow for slab movement. Slab movement is caused

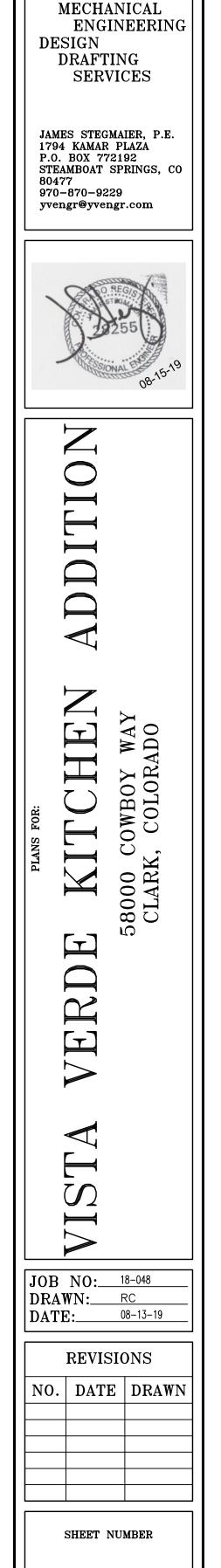
by numerous conditions, the owner/contractor should take the necessary precautions to limit slab heave. Yampa Valley Engineering shall not be held liable for damage caused by slab

adequate bracing must be provided by the contractor to ensure foundation wall stability. 6. Expansive soils may or may not be present on-site. All concrete slabs on grade shall be

all sequence of construction, shoring, bracing, or temporary work associated to achieve the



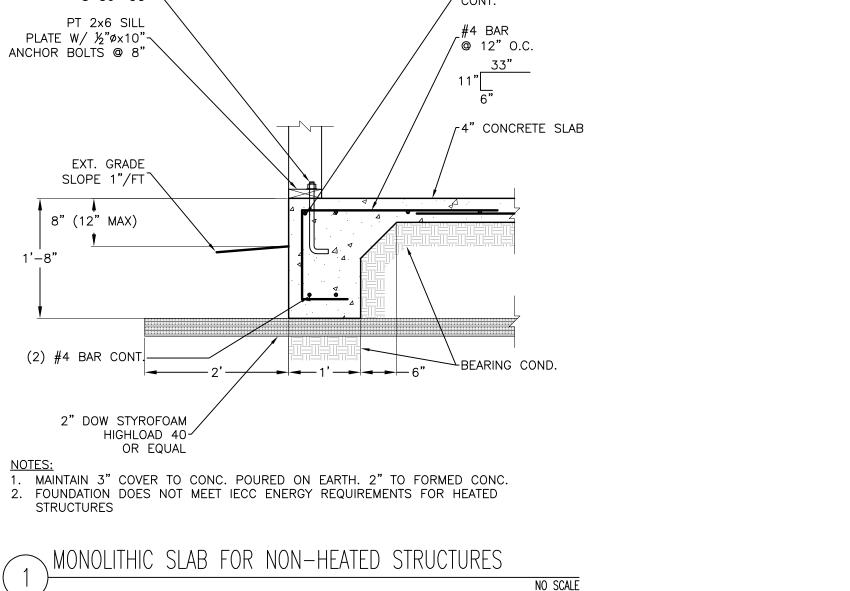
RCRBD **Record Set**

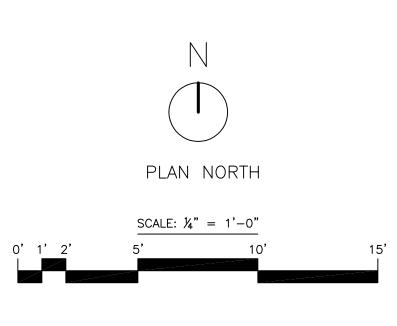


Foundation

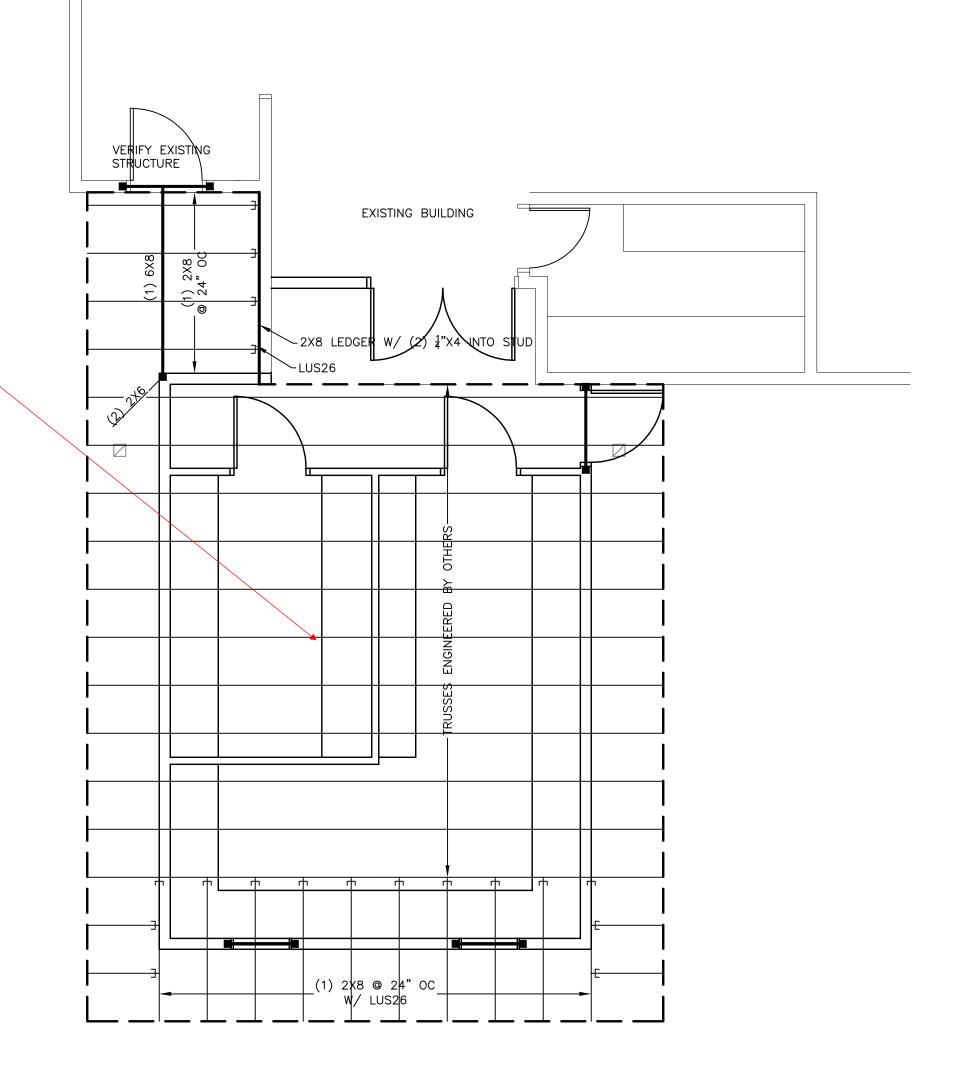
YAMPA VALLEY ENGINEERING, INC.

STRUCTURAL



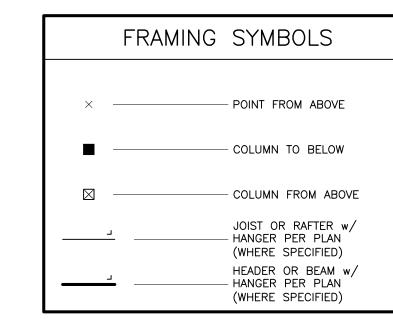


Deferred Submittal required for Engineered Trusses, please provide RCRBD with Stamped Truss Drawings and maintain a copy on-site, will require electronic submittal of truss drawings.



POOF FRAMING PLAN

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



FRAMING NOTES

- 1. ALL FRAMING NOT SPECIFICALLY SHOWN ,
 DETAILED, OR DRAWN ON PLAN SHALL
 COMPLY WITH THE NON—ENGINEERED
 REQUIREMENTS SPECIFIED IN THE IRC
- REQUIREMENTS SPECIFIED IN THE IBC.

 2. ALL LOADS, POINT OR DISTRIBUTED, SHALL HAVE CONTINUOUS UNINTERRUPTED PATH TO FOUNDATION. 2X SQUASH BLOCKS BETWEEN FLOOR ASSEMBLY TO MATCH COLUMN ABOVE.

 3. MINIMUM HEADER SIZE SHALL BE 2-2X10'S,
- UNO.
 4. ALL KING AND TRIMMER STUDS PER PLAN.
 MINIMUM 1 KING AND 1 TRIMMER STUD AT
- WALL OPENINGS.

 5. ALL HEADERS CONSISTING OF TWO OR MORE LVL'S SHALL HAVE A MINIMUM 2 TRIMMERS AND 1 KING.

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MECHANICAL
ENGINEERING
DESIGN
DRAFTING
SERVICES

JAMES STEGMAIER, P.E. 1794 KAMAR PLAZA P.O. BOX 772192 STEAMBOAT SPRINGS, CO 80477 970-870-9229 yvengr@yvengr.com



V ADDITION

E KITCHEN
58000 COWBOY WAY

JISTA VERDE

JOB NO: 18-048
DRAWN: RC
DATE: 08-13-19

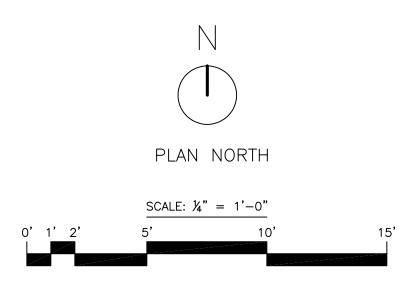
REVISIONS

NO. DATE DRAWN

SHEET NUMBER

S-1

Structural



	ABBREVIATIONS	NOTES
A, AMP	AMPERE	
AIC	AMPERE INTERRUPTING CAPACITY	
AF	FRAME RATING IN AMPERES	
AS	SWITCH RATING IN AMPERES	
AT	TRIP RATING IN AMPERES	
AWG	AMERICAN WIRE GAUGE	
С	CONDUIT	
CKT	CIRCUIT	
(E)	EXISTING TO REMAIN	
EC	EMPTY CONDUIT	
ELEC	ELECTRICAL	
EMT	ELECTRO METALLIC TUBING	
FA	FIRE ALARM	
G, GND	GROUND	
HP	HORSEPOWER	
MECH	MECHANICAL	
MCB	MAIN CIRCUIT BREAKER	
(N)	NEW EQUIPMENT OR DEVICE	
NEC	NATIONAL ELECTRIC CODE	
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION	
NO	NORMALLY OPEN	
NTS	NOT TO SCALE	
ø, PH	PHASE	
PNL	PANEL	
PVC	POLYVINYL CHLORIDE CONDUIT	
PWR	POWER	
RSC	RIGID STEEL CONDUIT	
TEL	TELEPHONE	
TYP	TYPICAL	
UON	UNLESS OTHERWISE NOTED	
٧	VOLT	
VA	VOLT AMPERES	
W	WATT	
(X)	EXISTING TO BE DEMOLISHED	

SYMBOLS	POWER SYMBOLS	NOTES
Ò	MOTOR OUTLET	
ď	FUSED DISCONNECT SWITCH SWITCH XX/XX/XX = AMP SWITCH/POLES/AMP FUSE	
ㅁ	HEAVY DUTY NON-FUSED DISCONNECT SWITCH SWITCH XX/XX = AMP SWITCH/POLES	
Ž	COMBINATION MOTOR STARTER	
S_T	MANUAL MOTOR STARTER WITH THERMAL OVERLOAD	
$\hat{}$	STATIONARY — CIRCUIT BREAKER; RATING AS SHOWN ON PLANS	
$\widehat{}$	SWITCH AND FUSE; RATING AS SHOWN ON PLANS	
~~~	SWITCH AND FUSE; RATING AS SHOWN ON PLANS	
Ю, О	JUNCTION BOX	
	SURFACE MOUNTED PANELBOARD OR TERMINAL CABINET	

SYMBOLS	DESIGNATION SYMBOLS	NOTES
A 22	FIXTURE DESIGNATION  UPPER CASE LETTER INDICATES FIXTURE TYPE.  LOWER CASE LETTER INDICATES SWITCH LEG  NUMBER INDICATES CIRCUIT NUMBER (WHERE SHOWN).	
<del>• (/)</del>	LETTER INDICATES FIXTURES CONTROL (WHERE SHOWN)	
²²	NUMBER INDICATES CIRCUIT NUMBER (WHERE SHOWN)	

SYMBOLS	WIRING DEVICE SYMBOLS
•	20A, 125V, DUPLEX RECEPTACLE OUTLET +18" UNLESS NOTED OTHERWISE
⊭	SURFACE 20A, 125V, DUPLEX RECEPTACLE OUTLET +18" UNLESS NOTED OTHERWISE
•	20A, 125V, DOUBLE DUPLEX RECEPTACLE OUTLET +18" UNLESS NOTED OTHERWISE
⊭	SURFACE 20A, 125V, DOUBLE DUPLEX RECEPTACLE OUTLET +18" UNO
•	SPECIAL PURPOSE RECEPTACLE OUTLET, +18" UNLESS NOTED OTHERWISE, NEMA CONFIGURATION AS NOTED ON PLANS
⊭	SURFACE SPECIAL PURPOSE RECEPTACLE OUTLET, +18" UNLESS NOTED OTHERWISE, NEMA CONFIGURATION AS NOTED ON PLANS
•	20A, 125V, DEDICATED DUPLEX RECEPTACLE OUTLET +18" UON
<b>€</b> GFI	DUPLEX OUTLET WITH GROUND FAULT INTERRUPTER
Ф	CEILING MOUNTED 20A, 125V, DUPLEX RECEPTACLE OUTLET
<b>⊕</b>	CEILING MOUNTED 20A, 125V, DOUBLE DUPLEX RECEPTACLE OUTLET
	FLOOR MOUNTED DUPLEX CONVENIENCE/TELECOM OUTLET WITH BLANK STAINLESS STEEL COVER. COORDINATE TYPE AND FINISH WITH ARCHITECT.
\$	SPST WALL SWITCH, LETTERS INDICATE THE NUMBER OF SWITCHES AND OUTLETS THEY CONTROL
\$ _D	DIMMER SWITCH

SYMBOLS	WIRING DEVICE SYMBOLS
•	20A, 125V, DUPLEX RECEPTACLE OUTLET +18" UNLESS NOTED OTHERWISE
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<b>⊨</b>	SURFACE 20A, 125V, DOUBLE DUPLEX RECEPTACLE OUTLET +18" UNO
<b>=</b>	SPECIAL PURPOSE RECEPTACLE OUTLET, +18" UNLESS NOTED OTHERWISE, NEMA CONFIGURATION AS NOTED ON PLANS
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	FLOOR MOUNTED DUPLEX CONVENIENCE/TELECOM OUTLET WITH BLANK STAINLESS STEEL COVER. COORDINATE TYPE AND FINISH WITH ARCHITECT.
<u></u>	OPOT WALL OWITCH LETTERS INDICATE THE NUMBER OF SWITCHES AND SUIT ETS

Ħ	SURFACE 20A, 125V, DUPLEX RECEPTACLE OUTLET +18" UNLESS NOTED OTHERWISE	
•	20A, 125V, DOUBLE DUPLEX RECEPTACLE OUTLET +18" UNLESS NOTED OTHERWISE	4
⊭	SURFACE 20A, 125V, DOUBLE DUPLEX RECEPTACLE OUTLET +18" UNO	
<b>=</b>	SPECIAL PURPOSE RECEPTACLE OUTLET, +18" UNLESS NOTED OTHERWISE, NEMA CONFIGURATION AS NOTED ON PLANS	N
⊨Ф	SURFACE SPECIAL PURPOSE RECEPTACLE OUTLET, +18" UNLESS NOTED OTHERWISE, NEMA CONFIGURATION AS NOTED ON PLANS	6
•	20A, 125V, DEDICATED DUPLEX RECEPTACLE OUTLET +18" UON	
<b>€</b> GFI	DUPLEX OUTLET WITH GROUND FAULT INTERRUPTER	
Ф	CEILING MOUNTED 20A, 125V, DUPLEX RECEPTACLE OUTLET	
<b>#</b>	CEILING MOUNTED 20A, 125V, DOUBLE DUPLEX RECEPTACLE OUTLET	

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<b>⇔</b> •	SPST WALL SWITCH, LETTERS INDICATE THE NUMBER OF SWITCHES AND OUTLETS THEY CONTROL
\$□	DIMMER SWITCH

OCCUPANCY LIGHT CONTROL SWITCH; WALL MOUNTED

## GENERAL NOTES

1. ALL WORK SHOWN IS NEW, UNLESS NOTED OTHERWISE.

2. ALL WORK TO BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE, 2014 EDITION.

3. SEAL ALL CONDUIT PENETRATIONS OF FLOORS AND FIRE RATED ASSEMBLIES TO MAINTAIN FIRE RATING.

4. PROVIDE NEW TYPEWRITTEN DIRECTORIES REFLECTING WORK PERFORMED FOR ALL NEW PANELBOARDS IN THIS PROJECT.

5. PLANS ARE PREPARED WITH REQUIRED BRANCH CIRCUITS INDICATED BY CIRCUIT NUMBERS. PROVIDE AND INSTALL ALL CONDUITS, CONDUCTORS, BOXES, MISCELLANEOUS FITTINGS, ETC. FOR A COMPLETE AND OPERABLE SYSTEM (HOMERUN SHOWN). BRANCH CIRCUIT INSTALLATION SHALL COMPLY WITH SPECIFICATIONS AND N.E.C.

6. ALL NEUTRAL CONDUCTORS ON POWER BRANCH CIRCUITING ROUNDHOUSES TO BE #10 AWG UNLESS NOTED OTHERWISE.

## SHEET LIST

- E-1 SYMBOLS, SCHEDULES AND ONE LINE DIAGRAMS
- E-2 PANEL SCHEDULES
- E-3 ELECTRICAL FLOOR PLAN
- E-4 SPECIFICATIONS

(E)SERVICE DISCONNECT 208/120V, 400-AMP, 3PH, 4W

100A

# RCRBD Record Set

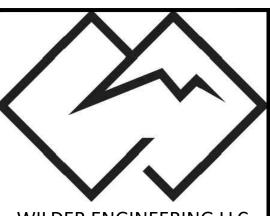
VISTA VERDE

KITCHEN

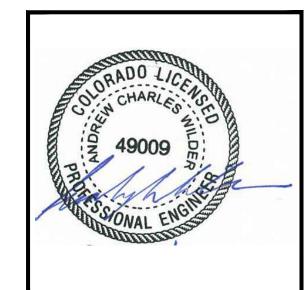
ADDITION

56000 Cowboy Way

Clark, CO



WILDER ENGINEERING LLC Andrew Wilder PE 1170 Blue Sage Drive Steamboat Springs, CO 80487 P: 970-819-7848 E: andy@wilder-eng.com



Issue	By Date & Issue Description	Ву
_	PERMIT 8.15.19	AW

6 1
Scale:
24x36 NTS
SYMBOLS, SCHEDULES
Description: AND ONE LINE DIAGRAM
Project Name: VISTA VERDE
Project Number: 2019015
•

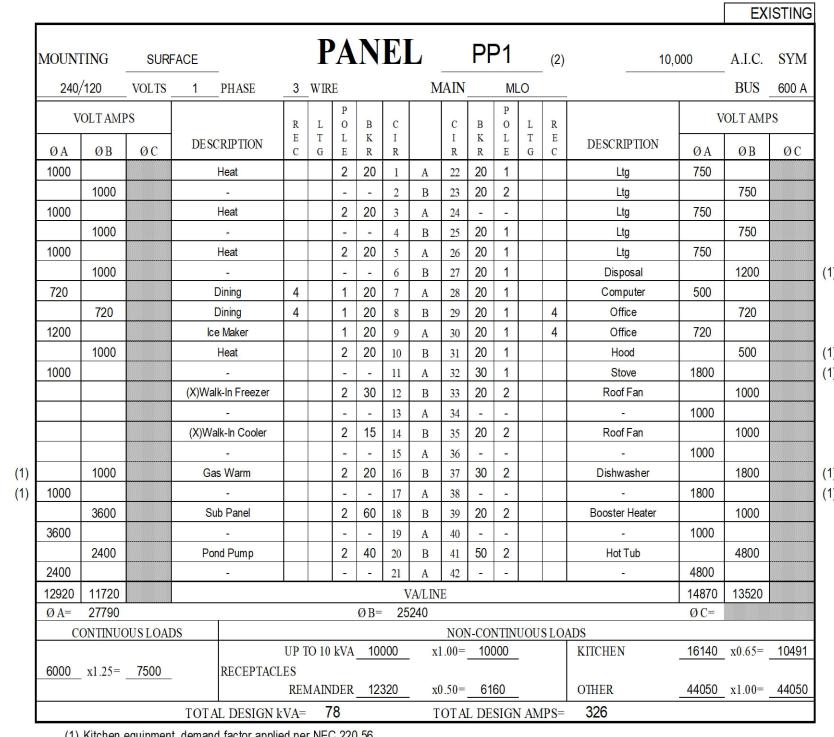
(E)CT_CABINET  (E)YVEA   (E)YVEA   METER    UTILITY TRANSFORMER  (E)GEC   (	(E)SERVICE DISCONNECT 240/120V, 600-AMP, 1PH, 3W  (E)500AF/600AS 2P	(E)PNL (E)PNL PP1 PP2 600A 600A MLO MLO	P3   ' OA	2"C-4#1 AWG & #8 GND	TO EXISTING PANELS  TO EXISTING PANELS	(E)150A 3P (E)100A 3P (E)100A 3P (E)400A 3P (E)400A 3P (E)GEC	(E)CT_CABINET  (E)YVEA   (E)PAD MOUNTED UTILITY TRANSFORMER  (W)   (W)   (E)PAD MOUNTED UTILITY TRANSFORMER
(E)500A FEEDER							(E)400A FEEDER

## DIAGRAM NOTES

- 1. ALL WORK SHOWN IS NEW UNLESS OTHERWISE NOTED.
- 2. BRING ANY DISCOVERED CODE VIOLATIONS TO THE OWNER'S ATTENTION.
- REMOVE ALL CONDUCTORS, DEVICES AND CONDUIT RENDERED UNUSED BY THIS PROJECT.
- 4. ALL WIRING SHOWN IS SIZED FOR COPPER CONDUCTORS, UON.



MOUN	ΓING	SURF	ACE		PANEL PP3									10,	000 A.I.C.		SYM				
208/	120	Y120 VOLTS 3 PHASE			4 WIRE						MAIN 100 A						BUS	100 A			
V	OLT AM	PS		R	L	P O	В	С		С	В						R		V	OLT AMI	PS
ØA	ØB	ØС	DESCRIPTION	E C	T G	L E	K R	I R		I R	K R	L E	T G	E C	DESCRIPTION	ØA	ØВ	ØС			
			Spare			1	20	1	Α	2	20	1			Walk-In Ltg	200					
			Spare			1	20	3	В	4	30	2			Cond Unit		1680				
			Spare			1	20	5	C	6	1	1			Ĭ			1680			
			Space					7	A	8	30	2			Cond Unit	1920					
			Space					9	В	10	1				7		1920				
			Space					11	C	12	20	2			Evaporator			1296			
			Space					13	A	14	,	ı			-	1296					
			Space					15	В	16	15	1			Evaporators		384				
			Space					17	C	18	20	1			Kitchen Power			500			
			Space					19	A	20	20	1			Kitchen Power	500					
			Space					21	В	22	20	1			Kitchen Power		500				
			Space					23	C	24	20	1			Spare						
			Space					25	A	26	20	1			Spare						
			Space					27	В	28	20	1			Spare						
			Space					29	C	30					Space						
			Space					31	A	32					Space						
			Space					33	В	34					Space						
			Space					35	C	36					Space						
			Space					37	A	38					Space						
			Space					39	В	40					Space						
			Space					41	C	42					Space						
								V	A/LIN	E						3916	4484	3476			
ØA=	3916		1				ØB=	44	184							Ø C=	3476				
C	ONTINU	OUS LOAD	os e	IID 7	TO 10	1 7 7 4					N-CO1			S LO	ADS						
200	x1.25=	250	RECEPTAC	UP T	10 10	KVA			X.	=00.1			-		OTHER	11676	x1.00=	11676			
200	11.23		TOOLI INO		MAIN	DER			X(	).50=			_		JIIIA	11010		1 1010			
			TOTAL DESIGN 1	εVA=	1	2					L DE	SIGN	JAM	PS=	33						



(1) Kitchen equipment, demand factor applied per NEC 220.56.(2) Provide feed through lugs.

MOUNT	TING	SURF	ACE		P	A	N	E			PF	2			10,	000	A.I.C.	SYM
240/	[/] 120	VOLTS	1 PHASE	3	WIR	Е			N	IAIN		MI	_0				BUS	600 A
V	OLT AMI	PS				P						P				7	OLT AM	
,,			DESCRIPTION	R E	L T	O L	B K	C		C	B K	O L	L T	R E	DESCRIPTION	<u> </u>	T TRI	
Ø A	ØB	ØC	DESCRIPTION	C	G	E	R	R		R	R	E	G	C	DESCRIPTION	ØA	ØB	ØC
750			Timer Clock			1	20	1	A	22	20	1			Furnace	1200		
	1000		Wait Station			1	20	2	В	23	20	1		4	Office		720	
1000			Wait Station			1	20	3	A	24	20	1			Furnace	1200		
	720		Kitchen Rec	4		1	20	4	В	25	20	1		4	Back Room		720	
1440			Refrigerator			1	20	5	A	26	20	1			Ltg	750		
	1200		Slicer			1	20	6	В	27	20	1			Ltg		750	
720			Staff Plugs	4		1	20	7	A	28	20	1			Processor	1200		
	720		Kitchen Rec	4		1	20	8	В	29	20	1			Blender		1200	
720			Kitchen Rec	4		1	20	9	A	30	20	1		4	Floor	720		
	720		SE Bed	4		1	20	10	В	31	20	1		2	Crawl Space		360	
720			SE Bed	4		1	20	11	A	32	20	1		4	SW Bed	720		
	720		SE Bed	4		1	20	12	В	33	20	1		4	SW Bed		720	
720			South Plugs	4		1	20	13	A	34	20	1		4	SW Bed	720		
	720		Attic	4		1	20	14	В	35	20	1		4	SW Bed		720	
720			Attic	4		1	20	15	A	36	20	1		4	Office	720		
	720		West Dining	4		1	20	16	В	37	20	1			Ltg		750	
720			West Dining	4		1	20	17	A	38	20	1		4	North Upstairs	720		
	720		East Rec	4		1	20	18	В	39	20	1		4	North Upstairs		720	
720			East Rec	4		1	20	19	Α	40	20	1		4	North Upstairs	720		
	1800		Bath			2	30	20	В	41	20	1		4	North Upstairs		720	
1800			-			-	-	21	A	42	20	1		2	Bathroom	360		
10030	9040			-					A/LIN	-						9030	7380	
Ø A=	19060						ØB=		420							Ø C=		
		CONT. LOA	DS							NO	N-COI	NTIN	UOUS	SLO	ADS			
	x0.25=			UP 7	TO 10	kVA	100	000	X	1.00=					KITCHEN	7040	x0.65=	4576
			RECEPTAG										•				=	
2250	x1.25 =	2813			MAIN	DER	94	40	X	0.50=	47	20			OTHER	6750	x1.00=	6750
2200	A1.4J		TOTAL DESIGN					10		OTA			J AM	PS=	120	5700	- 11.00	- 0100

(1) Kitchen equipment, demand factor applied per NEC 220.56.

## SCHEDULE NOTES

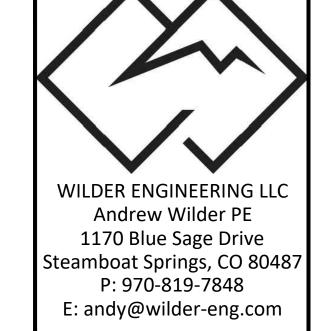
CIRCUITS 25, 29 AND 30 REGULARLY TRIP. ELECTRICIAN TO FIELD EXAMINE IF LOAD CAN BE SHED FROM THESE CIRCUITS AND ADDED TO NEW CIRCUITS IN THE NEW PANEL PP3.

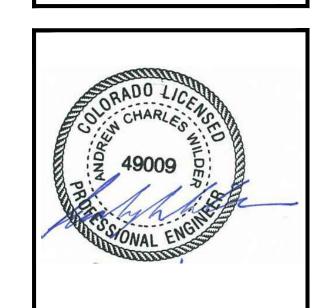


# VISTA VERDE KITCHEN ADDITION

56000 Cowboy Way Clark, CO

RCRBD Record Set





Issue	By Date & Issue Description	Ву
_	PERMIT 8.15.19	AW

Scale:

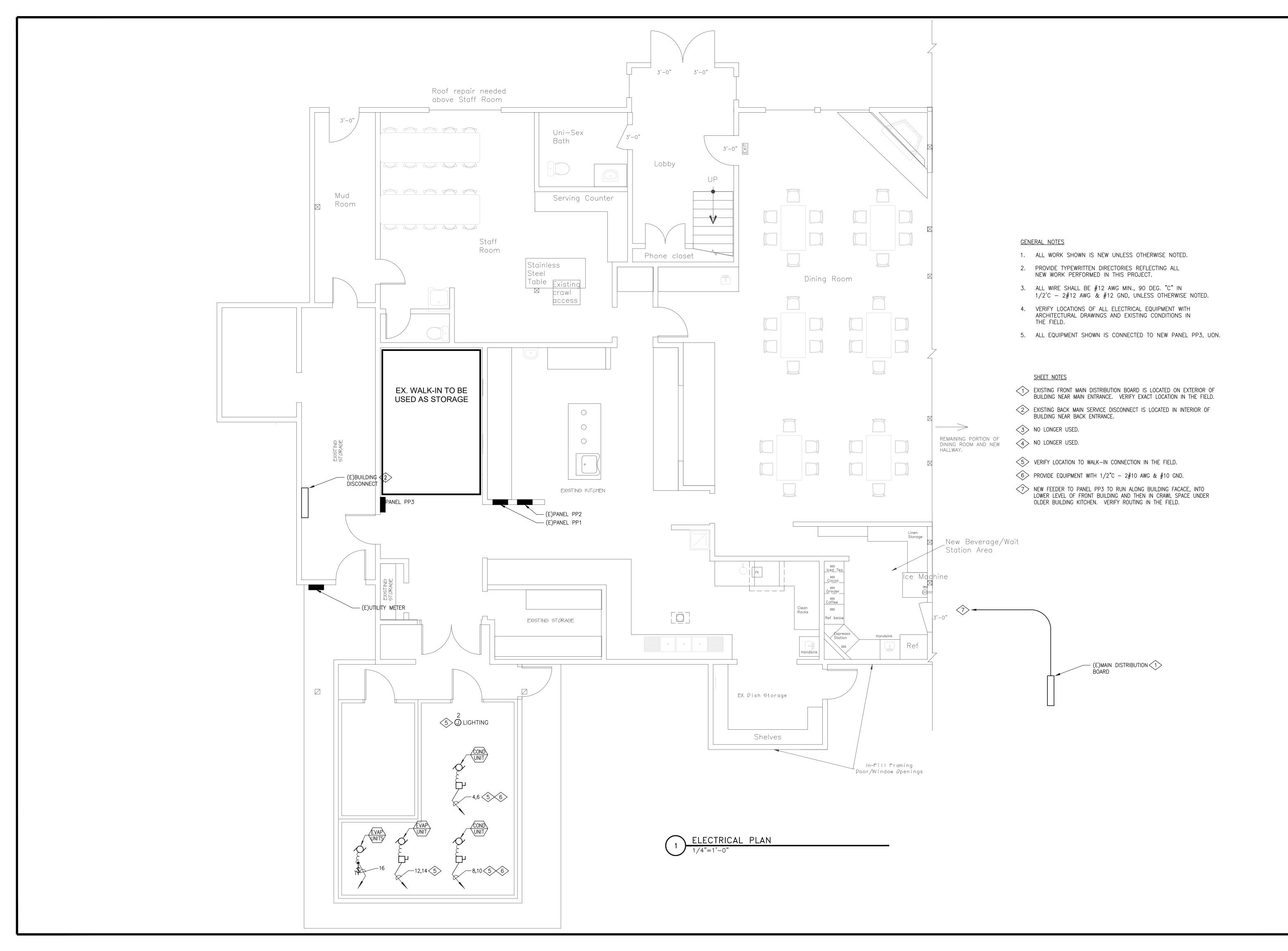
24x36 NTS

Description: PANEL SCHEDULES

Project Name: VISTA VERDE

Project Number: 2019015

F-2



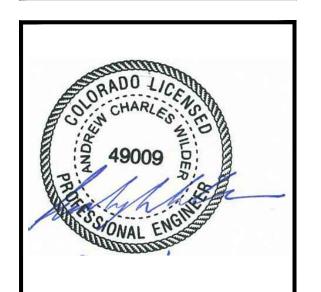
# VISTA VERDE KITCHEN ADDITION

56000 Cowboy Way Clark, CO

RCRBD Record Set



WILDER ENGINEERING LLC
Andrew Wilder PE
1170 Blue Sage Drive
Steamboat Springs, CO 80487
P: 970-819-7848
E: andy@wilder-eng.com



Issue	By Date & Issue Description	Ву
_	PERMIT 8.15.19	AW

Scale:

24x36 1/4"=1'-0"

Description:ELECTRICAL FLOOR PLAN

Project Name: VISTA VERDE

Project Number: 2019015

Sheet No.

E-3

#### **SECTION 16010 - BASIC ELECTRICAL REQUIREMENTS**

1) PART 1 GENERAL

a) POWER AND CONTROL WIRING

i) Provide power system conduit and wiring to mechanical equipment. Controls system conduit and wiring for mechanical systems is included under Division 15. "Power" wiring includes line voltage wiring from distribution apparatus to disconnecting means provided or installed under this section, and from such disconnecting means to motors, and to terminal boxes of 'package' equipment. "Controls" wiring includes wiring, regardless of voltage, which provides start-stop control for mechanical equipment and/or which is used to monitor functions of mechanical systems. Where line voltage wiring is extended from a local disconnecting means to relays, thermostats, by-pass timers, starter coils or the like, or from mechanical control panels or motor control centers to control devices, such extensions are considered "control" wiring.

#### b) MOUNTING HEIGHTS

i) Mounting heights and locations: verify the exact location of equipment with architect prior to installation. Wall mounted devices requiring operational access shall be mounted a minimum of 15 inches above finished floor to bottom of device and a maximum of 48 inches above finished floor to top of device. Visual alarms shall be mounted not less than 80 inches to the bottom or 96 inches to the top of the device.

#### c) REGULATORY REQUIREMENTS

i) Conform to:

NFPA-70 - National Electric Code.

ii) Comply with the current applicable codes, ordinances, and regulations of the authority or authorities having jurisdiction, the Owner's insurance underwriter, and applicable base building standards.

iii) When conflict exists between two or more governing codes, comply with the stricter requirement.

iv) Obtain permits, and request inspections from authority having jurisdiction.

#### d) PROJECT/SITE CONDITIONS

i) Install Work in locations shown on Drawings, unless prevented by Project conditions. Coordinate installation of work in available space with work furnished under other Divisions.

2) PRODUCTS a) Where manufacturer's model or series numbers are specified or shown, these indicate generally acceptable types

b) When more than one unit of the same class of equipment is required, provide units produced by a single manufacturer.

3) TESTS

a) Furnish test equipment, facilities, and technical personnel required to perform field tests.

required. Furnish products which comply with all requirements, as specified or shown.

b) At completion of job, check voltage at several points of utilization on the system. Energize all loads installed. 4) CLEANING

a) Clean all fixtures and equipment at the completion of the project. Wipe clean exposed lighting fixture reflectors and trim pieces with a non-abrasive cloth just prior to occupancy.

#### 5) RECORD DRAWINGS

a) Upon completion of the Work, deliver to Architect and up-to-date set of "as-built" record drawings on a reproducible medium including AutoCAD.

#### 6) DEMOLITION

a) Remove, relocate, and reroute existing electrical equipment to facilitate new construction or remodeling work.

b) Examine the site to observe and note existing conditions prior to submitting a bid. c) Schedule demolition in advance. Schedule work to avoid disruption of normal operations.

d) Reconnect circuits serving equipment required to remain in service to other panelboards, motor control centers, or other appropriate distribution equipment. Provide additional panelboards, motor control centers, or other appropriate

e) Remove existing conduit and wire back to panelboard, motor control center, or other distribution source.

f) Where a circuit is interrupted by removal of a device or fixture from that circuit, provide additional conduit and wire to restore service to the remaining devices and fixtures on that circuit.

distribution equipment where there is insufficient available capacity in remaining existing equipment for reconnection.

g) Electrical equipment to be removed that is in good working order shall be carefully removed and offered to the Owner. Items rejected by the Owner shall be removed from the project site and properly disposed of.

#### **SECTION 16100 - BASIC MATERIALS AND METHODS**

1) PART 1 GENERAL

a) REFERENCES

i) All equipment and installations shall meet or exceed minimum requirements of ADA, ANSI, ASTM, IEEE, IES, NEC, NEMA, NETA, NFPA, OSHA, SMACNA, UL, and the State Fire Marshal. Equipment shall be certified for use in the State of the project and shall meet the State energy code. Provide products and materials that are new, clean, free of defects, and free of damage and corrosion.

#### b) PERFORMANCE REQUIREMENTS

c) QUALITY ASSURANCE

i) Provide support system for equipment and conduit, including wiring, with a minimum safety factor of 4. For empty conduits, include weight of 4 type XHHW wires of maximum permissible size.

i) All equipment and installations shall meet or exceed minimum requirements of ADA, ANSI, ASTM, IEEE, IES, NEC, NEMA, NETA, NFPA, OSHA, SMACNA, UL, and the State Fire Marshal. Equipment shall be certified for use in the State of the project and shall meet the State energy code. Provide products and materials that are new, clean, free of defects, and free of damage and corrosion.

#### 2) PART 2 PRODUCTS

a) CONDUIT

i) General

(1) Exposed Dry and Damp Locations:

(a)Use electrical metallic tubing.

(2) Concealed Locations:

(a)Furred, Ceiling Spaces and Stud Walls: Use electrical metallic tubing.

(b) Connections to Lighting Fixtures in Accessible Ceilings: Use flexible conduit.

(3) Equipment Connections:

(a)Connections to Liquid-Handling Equipment in Dry Locations: Use liquid-tight flexible conduit.

(4) Equipment for Dry Systems in Dry Locations: Use flexible conduit.

#### ii) Electrical Metallic Tubing:

(1) Continuous, seamless steel tubing, galvanized or sherardized on exterior, coated on interior with smooth hard finish of lacquer, varnish or enamel, with steel, set screw or compression type fittings. Provide concrete type fittings where required.

(2) Use for general purpose feeders and branch circuits.

#### iii)Flexible Steel Conduit:

(1) Single strip, continuous, flexible interlocked double-wrapped steel, hot dip galvanized inside and out forming smooth internal wiring channel, with steel, compression type fittings.

(2) Use in dry locations only, connections to lighting fixtures in suspended ceilings, connections to equipment installed above suspended ceilings, transformer connections, busway plug in units, and connections to equipment where vibration isolation is required, maximum length of 6 feet.

#### iv)Liquid Tight Flexible Steel Conduit:

(1) Same as flexible steel conduit except with tough, inert, watertight plastic outer jacket. Fittings shall be cast malleable iron body and gland nut, cadmium plated with one-piece brass grounding bushings threaded to interior of conduit. Spiral molded vinyl sealing ring between gland nut and bushing and nylon insulated throat.

(2) Use same as flexible steel conduit in damp or wet locations and at motor connections.

#### b) BUILDING WIRE AND CABLE

i) Provide wire with a minimum insulating rating of 600 volts, except for wire used in low voltage (below 50 volts) control or signal systems. The use of teflon (multi-conductor) for low tension systems may be permitted for fire alarm, signal and communication systems (voice and data) as approved on shop drawings by engineers and where permitted by local codes and union practice.

#### ii) Conductors

iii)Connectors

(1) Electrical grade, annealed copper, and fabricated in accordance with ASTM standards. Minimum size number 12 AWG for branch circuits; number 14 AWG for control wiring.

(2) Unless otherwise specified, all wires numbers 10 and smaller shall be solid.

(3) All wires number 8 and larger shall be stranded in accordance with ASTM Class B stranding designations.

(4) Control wires shall be stranded in accordance with ASTM Class B stranding designations.

(5) Cables for low tension systems shall be multi-conductor, 16 gauge, color coded and insulated in armored cable assembly, with number of conductors as required.

(6) All 600 volt wire and cables unless otherwise specified shall be single conductor suitable for use in wet and dry and locations.

(1) Make connections, splices, taps and joints with solderless devices, mechanically and electrically secure. Protect exposed wires and connecting devices with electrical tape or insulation to provide insulation values not less than on conductor.

#### iv) Cables (No. 8 and Larger):

(1) Use set screw or compression type connectors, taps and splices specifically designed for the particular connection. Insulate splice either by taping or by use of "Bakelite" covers designed to fit around splice.

v) Branch Circuit Wires (Number 10 and Smaller): Use any of the following types of terminals and connecting devices:

(1) Hand Applied: Coiled, tapered, spring wound devices with a conducting corrosion-resistant coating over the spring steel and a plastic cover and skirt providing full insulation for splice and wired ends. Screw connector on by

(2) Tool Applied: Steel cap, with conduction and corrosion resistant metallic plating, open at both ends, fitted around the twisted ends of the wire and compressed or crimped by means of a special die designed for the purpose. Specifically fitted plastic or rubber insulating cover wrap over each connector.

#### i) Pressed steel, galvanized or cadmium-plated, 4 inches minimum octagonal or square with galvanized cover or extension

ii) Back-to-back outlets in the same wall, or "through-wall" type boxes are not permitted. Provide 12 inch minimum spacing for outlets shown on opposite sides of a common wall. Provide acoustical potting compound on all outlet

#### d) WIRING DEVICES

ii) Wall Dimmers: Lutron.

i) Switches and Receptacles: Arrow Hart, Hubbell, Leviton, Pass & Seymour, or Slater.

#### iii)Occupancy Sensors: Mytech, Novitas, or Watt Stopper.

iv)Floor Boxes and Fittings:

interrupting capacity (277/480V).

(1) Poke through type: Wiremold Legrand. (2) Recessed flush floor box type: Steel City or Wiremold Legrand.

v) Plugstrip: Wiremold.

vi)Device and cover plate colors shall be as selected by Architect.

#### e) SUPPORTS

i) Support raceways on accepted types of wall brackets, specialty steel clips, or hangers, ceiling trapeze hangers, or malleable iron straps. Plumber's perforated straps are not permitted. Acceptable manufacturers' brackets or hangers are Kindorf, Elcan, Binkley, Multi-Frame, Power-Strut, or Unistrut. Do not suspend raceways or equipment from other raceways, steam, water, or other piping or ductwork, except as otherwise permitted. Provide independent and secure support methods.

#### f) PANELBOARDS

i) Acceptable Manufacturers: Cutler-Hammer/Westinghouse, General Electric, Siemens, or Square D/Groupe Schneider. ii) AIC Rating: Branch panelboards and overcurrent protection devices shall have a minimum short circuit rating of 10,000 RMS symmetrical amperes minimum interrupting capacity (120/208V) or 14,000 RMS symmetrical amperes minimum

iii) AIC Rating: Distribution panelboards and overcurrent protection devices shall have a minimum short circuit rating of 42,000 RMS symmetrical amperes minimum interrupting capacity (120/208V) or 200,000 RMS symmetrical amperes minimum interrupting capacity (277/480V).

iv)Enclosures: Corrosion resistant galvanized (zinc finished) sheet steel. Fronts shall be cold rolled steel, finish coated with ANSI 61 grey enamel over a rust inhibitor. Panel locks shall be keyed alike.

v) Doors: One piece bolt on front with a lockable hinged door over the overcurrent protection devices.

vi)Bus Bars: Silver plated aluminum or copper. Neutral bus shall be full size. Neutral bus shall be 200% rated when supplied from a double neutral feeder. Provide an equipment ground bus in each panelboard. In addition to the equipment ground bus, provide an isolated ground bus when supplied from a feeder which includes an isolated grounding conductor.

vii) Overcurrent Protection Devices: Molded case circuit breakers for branch panelboards and 120/208V rated distribution panels, and fusible switch units for 277/480V rated distribution panels.

i) Acceptable Manufacturers: Eaton/Cutler-Hammer, General Electric, Siemens, or Square D/Groupe Schneider.

ii) Manual Motor Starters

iii)Fractional Horsepower Manual Starter: General-purpose, Class A, manually operated, full-voltage controller for fractional horsepower induction motors, with thermal overload unit, and toggle operator.

iv) Voltage, Rating and Thermal Element: As required by motor controller.

h) PULL LINE i) 1/8 inch diameter braided yellow polypropylene.

v) Enclosure: NEMA ICS 6; Type 1.

g) MOTOR STARTERS

3) PART 3 EXECUTION a) INSTALLATION

#### i) Conduit

(1) Install conduit in accordance with NECA "Standard of Installation".

(2) Do not combine individual homeruns into common conduit.

(3) Do not support conduit with wire or perforated pipe straps. Remove wire used for temporary supports.

(4) Arrange conduit to maintain headroom and present neat appearance.

(5) Use conduit hubs to fasten conduit to cast boxes.

(6) Provide insulated equipment ground conductor in flexible conduit.

(7) Install conduit to preserve fire resistance rating of partitions and other elements.

(8) Do not attach conduit to ceiling support wires.

#### ii) Building Wire and Cable

Use conductor not smaller than 12 AWG for power and lighting circuits.

(2) Neatly train and lace wiring inside boxes, equipment, and panelboards.

(3) Make splices, taps, and terminations to carry full ampacity of conductors with no perceptible temperature rise. (4) Use hardened and tempered steel, tin-plated or stainless steel Belleville washer with slightly larger tin-plated mild steel flat washer for aluminum lugs.

(5) Use insulated spring wire connectors with plastic caps for copper conductor splices and taps, 8 AWG and

(1) Install electrical boxes as shown on Drawings, and as required for splices, taps, wire pulling, equipment connections and compliance with regulatory requirements.

(2) Install electrical boxes to maintain headroom and to present neat mechanical appearance.

(3) Install boxes to preserve fire resistance rating of partitions and other elements; arrange boxes to meet

(4) Align adjacent wall-mounted outlet boxes for switches, thermostats, and similar devices to each other.

(5) Do not use through-walls boxes or install flush mounting boxes back-to-back in walls; provide minimum 6 inch separation. Provide minimum24 inches separation in acoustic rated walls.

(6) Use stamped steel bridges in bar hanger assemblies to fasten flush mounting outlet box between studs. (7) Use adjustable steel channel fasteners for hung ceiling outlet box.

(8) Do not fasten boxes to ceiling support wires.

regulatory requirements.

(9) Support steel metal boxes independently of conduit.

(10) Use gang box where more than one device is mounted together, including floor boxes. Do not use sectional

(11) Plaster Rings: Use for all concealed work; depth of rings as required to reach finished surfaces.

(12) Coordinate trimming of openings for outlet boxes in partitions to achieve neat, closely-fitting openings.

#### (13) Install knockout closure in unused box opening.

iv) Wiring Devices (1) Install devices plumb, level, and rigidly in place.

(2) Install switches 2 inches to 8 inches from trim on the strike side.

(3) Install decorative plates on switch, receptacle, and blank outlets in finished areas. Use multi-gang plates for multiple devices.

(4) Connect wiring devices by wrapping conductor around screw terminal.

vi)Electrical Identification

(1) Fasten hanger rods, conduit clamps, and outlet and junction boxes to building structure using expansion anchors, beam clamps, steel ramset fasteners.

(2) Use toggle bolts or hollow wall fasteners in plaster or gypsum board partitions and walls; sheet metal screws or spring steel bar retainer clips in sheet metal studs.

(3) Do not fasten supports to piping, ductwork, mechanical equipment, or conduit. (4) Do not use powder-actuated anchors without specific permission.

(5) Do not drill structural steel members without specific permission.

(6) Fabricate supports from structural steel or steel channel, rigidly welded or bolted to present a neat appearance. Use hexagon head bolts with spring lock washers under nuts.

#### (1) Provide wire markers on each conductor in panelboard gutters, pull boxes, and at load connection. Identify with branch circuit for power and lighting circuits, and with control wire number as indicated on equipment

related circuit numbers. (2) Color code all secondary branch circuit and feeder conductors as follows: (a) Four Wire, Three Phase, Grounded Wye System: For 120/208 volt systems, use one black, one red, one blue,

manufacturer's shop drawings for control wiring. If more than one neutral conductor is present, mark each with

one white (neutral). For 277/480 volt systems, use one brown, one orange, one yellow and one gray (neutral).

(3) Use wire with insulation of required color. For sizes of wire, which may not be available in specified colors use

self-adhesive wrap around, markers of solid colors to color code conductors.

(4) Color code conductors at accessible locations. (5) Pull Rope Marking: Affix label identifying termination point at each end of pull rope.

#### vii) Disconnect Switches (1) Install disconnect switches shown mounted on walls at +4'-6" to centerline of switch.

(2) Install disconnect switches shown on or adjacent to equipment on field fabricated galvanized steel frames.

## (1) Provide filler plates for unused spaces in panelboards.

viii) Panelboards

(2) Provide typed circuit directory in plastic holder for each branch circuit panelboard. ix) Motor Starters

(1) Install motor control equipment in accordance with manufacturer's instructions. (2) Select and install heater elements in motor starters to match installed motor characteristics.

x) Pull Line: Provide in each empty conduit except sleeves and nipples; leave 8 inches of slack at each outlet. xi)Firestopping: Provide firestopping around all pipes, conduits, sleeves, etc., which pass through rated walls, partitions

#### **END OF SECTION**

## VISTA VERDE KITCHEN **ADDITION**

56000 Cowboy Way Clark, CO



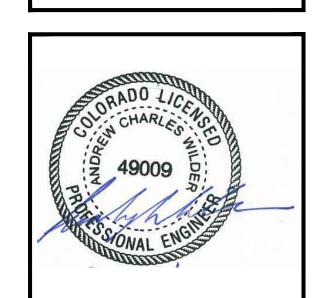
Andrew Wilder PE

1170 Blue Sage Drive

Steamboat Springs, CO 80487

P: 970-819-7848

E: andy@wilder-eng.com



Issue	By Date & Issue Description	Ву
_	PERMIT 8.15.19	AW

24x36 NTS Description: SPECIFICATIONS Project Name: VISTA VERDE

Project Number: 2019015

Scale:

Sheet No.



P.O. BOX 772192, 1794 KAMAR PLAZA STEAMBOAT SPRINGS, COLORADO 80477 PHONE: 970.870.9229 FAX: 970.870.9239



#### Vista Verde Lodge Addition

Code Analysis: IEBC 2003; IBC 2003

Construction: Type VB, Non-Sprinkled

Separated Uses

1991 UBC Occupancies analyzed: A-3, B, R-3, S-1 2003 IEBC Occupancies analyzed: A-2, B, M, S-1

RCRBD

Revision E

Record Set

Existing building is a two story built under the 1991 UBC and has occupancies of dining room, commercial kitchen, and storage and staff rooms on the main level. The second level occupancy includes four guest rooms.

According to RCRBD records, the original building is listed as a Type V- One hour construction. Upon investigation the building appears to have the proper structural elements to support a one-hour building. This includes a one hour floor assembly between the main and upper floor levels as well as one hour walls between the sleeping units on the upper level. Therefore, the original building also met the requirements for a Type V-N building. Since it met the requirements for a Type V-N building the addition shall also be designed as a Type VB construction.

1991 UBC Sect. 3303 allows for one exit when occupant load does not exceed 10. Travel distance may be 75 ft.

The proposed addition will add a great room, retail space, washroom facilities on the main level and a conference and office on the second level. The addition shall comply with IEBC Chap. 9.

IBC 901.7 Fire Areas: Allows buildings or portion of buildings to be divided into fire areas so as not to exceed the limits for fire protection systems. Such fire areas shall be separated by fire barriers having a fire resistance rating of not less than stated in IBC Table 706.3.7. Therefore a 2-hour wall shall be placed at the end of the existing building and beginning of the new hallway which leads to the main addition of the lodge. The door shall be 2-hour rated which allows a greater width than the 25% of the wall width. 706.7, Exception 3.

Entire building shall comply with RCRBD Resolution 06-25 allowing a fire alarm system in lieu of a fire sprinkler system when residential occupancies are part of the building occupancy. The maximum number of residential unit allowed is two.

ontage increase)
ontage increase)
,

#### Occupant Load & Exits

Occupancy	Occupants	Exits Required	<b>Exits Provided</b>
Main Level			
A-2	143	2	3
В	9	1	2
M	9	1	1

Exit panic hardware is required on the west & east entrances per sect. 1008.1.9

Upper Level

B 5 1 1

Upper level adds to occupant load of main floor. Provided exits meet the required amount.

Max. Travel Distance Required

Max. Travel Distance

200 Ft 110 Ft.

Actual Height: 32-0". Allowable Height: 40 Ft.

Actual Height: Stories: 2. Allowable Height: Stories: 2

#### **Fire Protection Systems:**

Fire alarm system installed per RCRBD Resolution 06-25.

#### Fire Resistive Construction:

Original building per 1991 UBC: 1-hr resistive construction between guest rooms and between guest rooms and dining room.

Addition, 2003 IBC: 1-hr resistive construction between original building and hallway to lodge addition.

IBC 302.3.1 allows for non-separated uses between A-2 and M  $\&~\mathrm{B}$  respectively.

IBC 505.4 Mezzanine Openness allows for closed area of the conference room

A 2 hr separation is required between A-2 & B (2nd level offices)

A 2 hr separation is required between A-2 and S-1 (basement).

#### Ventilation

Ventilation is provided by operable openings..

#### Roof

Class B or better.

#### Accessibility:

All main level portions are accessible.





www.bargreen.com

#### Chris Kennedy

5005 Washington St | Denver, Colorado 80216

Direct: 720.264.2363 Toll Free: 800.765.0274 Email: c.kennedy@bargreen.com

Fax: 303,298,7537

www.bargreen.com

# RCRBD Record Set

We are pleased to quote the following equipment:

(1) 19' 3" long, 17' 4" wide, 7' 6" high, Master-Bilt 4" Urethane Foam Walk-In, NSF Construction, FM Spec Tested Per ASTM E84-03, Cooler/Freezer Combination (2 compartments): Freezer -10F, With Floor, Cooler 35F, Less Floor, Floor Reinforced with 3/4" Exterior Grade Plywood in Freezer -10F. Room 1 of 2,

**TOTAL WALK-IN PRICE** TOTAL WARRANTY PRICE GRAND TOTAL QUOTATION PRICE F.O.B. New Albany, MS. \$28,116.88 \$597.73 \$28,714,53

Net

#### **NOTES & COMMENTS:**

Approximate Total Shipping Weight (lbs) 5,096

Approximate freight to Steamboat Springs, \$2,521.11. Note: Estimated freight only! Actual charges may vary by carrier and location. Freight charge is not included in the quote price.

FLOOR NOTE:

Rolling Cart Traffic Flooring Rated Load: 1.000 psf stationary Underlayment: 3/4" Plywood

Traffic Design:

Heavy, high-volume foot traffic

Light rolling traffic such as bread carts, hand carts, and well-distributed loads

Master-Bilt standard foamed-in-place floor is designed to support maximum 700 lbs/sq ft of evenly distributed stationary load. Conditions other than this require reinforcement. Consult factory.

Note: Ceiling designed to support its own weight only. Do not use the top of the walk-in for storage space.

This quotation is based on information provided; any additional discrepancy will be subject to adjustment in price.

Unless otherwise noted, refrigeration systems on this quote/order are sized for holding duty only; no product load or pulldown is included.

Notice: Please review this quotation immediately. Master-Bilt offers this bid as an alternate to bid request, All items listed herein are Master-Bitt standards, and only the listed materials will be provided. Any additional materials required are to be provided by others.

This quotation outlines Master-Bilt's interpretation of Information supplied with your quote request. Final responsibility for selecting the proper specifications for your particular end use rests with you, the customer. Master-Bilt will not be responsible for any misapplication or improper end use of our products. Unless otherwise noted, installation is not included. Purchaser is responsible for taxes, permits or other requirements. Delivery is contingent on delays beyond our control. Order acceptance is subject to credit approval. Notice: Limited 5 year compressor warranty applies only within the United States, its possessions, territories and Canada.

Website: www.master-bilt.com		908 Highway 15 North - New Albany, MS 38652 Phone: (662) 534-9061 - Toll Free: (800) 647-1284 Fax: (662) 534-6049 - Toll Free: (800) 232-3966		Price Quotation	
				Quote No.	MB1963704DC-A
				Date:	02/01/2019
				Lead Time:	4-5 Weeks
				Price Protected:	90 Days
Customer	Bargreen Ellingson	Bargreen Ellingson			2 of 5
002038	1776 Commerce Ave Boise, ID 83705-5309		Phone :	253-471-3797	
				Fax:	253-473-1875
Attention	Adam Sales Re		Sales Rep	Tom Redditt Sales Agency #32 (032)	
Project	Vista Verde Guest Ranch		Regional Manager	Bob Gasbarro (081)	
Item Number	Indoor Cooler/Freezer		Prepared By	DC/NB D	

# RCRBD Record Set

This quotation outlines Master-Bilt's interpretation of information supplied with your quote request. Final responsibility for selecting the proper specifications for your particular end use rests with you, the customer. Master-Bilt will not be responsible for any misapplication or improper end use of our products. Unless otherwise noted, installation is not included. Purchaser is responsible for taxes, permits or other requirements. Delivery is contingent on delays beyond our control. Order acceptance is subject to credit approval. Notice: Limited 5 year compressor warranty applies only within the United States, its possessions, territories and Canada.

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				Quote No.	MB1963704DC-A
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Customer	Bargreen Ellingson			Page :	3 of 5
002038	1776 Commerce Ave Boise, ID 83705-5309			Phone :	253-471-3797
				Fax:	253-473-1875
Attention	Adam		Sales Rep	Tom Redditt Sales Agency #32 (032)	
Project	Vista Verde Guest Ranch		Regional Manager	Bob Gasbarro (081	)
Item Number	Indoor Cooler/Freezer		Prepared By	DC/NB D	

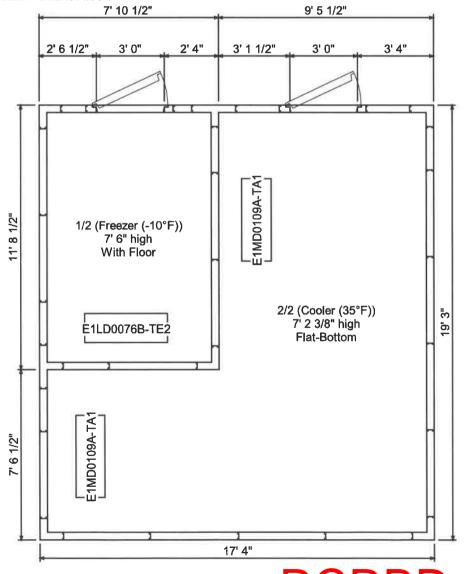
(1) 19' 3" long, 17' 4" wide, 7' 6" high, Master-Bilt 4" Urethane Foam Walk-In, NSF Construction, FM Spec Tested Per ASTM E84-03. Cooler/Freezer Combination (2 compartments);

Freezer -10F. With Floor, Cooler 35F. Less Floor.

Floor Reinforced with 3/4" Exterior Grade Plywood in Freezer -10F. Room 1 of 2.

#### Finishes:

26 Ga. Acrylic Stucco Galvanized - Interior wall, Exterior wall, Interior ceiling, Exterior ceiling, Exterior floor, .080" Textured Aluminum - Interior floor.



RCRBD Record Set Website: www.master-bilt.com

908 Highway 15 North - New Albany, MS 38652 Phone: (662) 534-9061 - Toll Free: (800) 647-1284 Fax: (662) 534-6049 - Toll Free: (800) 232-3966 **Price Quotation** 

#### WALK-IN TERMS AND CONDITIONS

- All orders are subject to acceptance by Master-Bilt, Division of Standex International Corporation ("Seller"), must be made in writing, and are subject to credit approval prior to shipment if the Buyer's credit account status has changed.
- 2. Unless specified by the customer when ordering, the method of shipment will be determined by Seller.
- 3. Freight terms: F.O.B. Factory "New Albany, MS" (unless otherwise specified on the attached quote or order).
- 4. The Buyer shall be liable for all Federal, State and Local taxes. These amounts will be added to the purchase price where required by law, unless an exemption certificate is received prior to shipment of merchandise.
- 5. All new accounts will be subject to credit approval.
- 6. Seller's terms are Net 30 days, unless otherwise specified. A service charge of one and one half percent per month will be imposed on all past due balances. A non-refundable deposit may be required on any "non-stock" items.
- 7. Claims for shortages or incorrect merchandise must be made in writing to Seller within seven (7) days after receipt of merchandise.
- 8. FREIGHT DAMAGES OR DELAYS ARE NOT THE RESPONSIBILITY OF SELLER. Any claim for damaged merchandise must be processed through the delivering carrier by the consignee: Master-Bilt may assist in filing the claim in order to expedite the claim.
- 9. All cancelled orders and returned goods may be subject to a minimum of 25% cancellation and/or restocking charge. Merchandise may not be returned without written authorization from the Seller. Requests for return must be made within ninety (90) days after shipment. Custom or modified units cannot be returned.
- 10. Prices and specifications are subject to change without notice.
- 11. All orders will be manufactured and invoiced as specified in the Seller Order Acknowledgement. If corrections or additions are required by the customer, Seller must be advised in writing immediately. If this is not done, it is assumed by Seller that the customer has examined and approved the acknowledgement as written, including the terms and conditions of same, which are a part of each order acknowledgement.
- 12. The domestic state considered in any warranty claims, legal claims and etc., against the Seller would be the State of Mississippi, County of Union.
- 13. Buyer also agrees that Seller may deposit all checks, and with "Acceptance with Reservations of all rights".
- 14. The Buyer acknowledges acceptance of Seller's standard warranty as a condition of purchase, and that Seller has not made or implied any additional or replacement to the standard warranty.
- 15. Buyer agrees to indemnify, hold harmless and defend Seller from and against any and all liabilities and expenses arising out of any injury or damage which results from Buyer's misuse, misapplication, or failure to inspect, maintain or repair the Products which are the subject of this agreement.

#### **LIMITED ONE (1) YEAR WARRANTY**

Master-Bilt warrants to the original purchaser-user that its foamed-in-place panels will be free from insulation failure for FIFTEEN YEARS from original installation by an authorized representative, under conditions of normal use and recommended maintenance.

Master-Bilt warrants to the original purchaser-user that all other parts of its walk-in coolers, freezers, and other equipment except expendable electrical components, will be free from defects in material and workmanship for not longer than ONE YEAR AND THREE MONTHS from shipment, under conditions of normal use and recommended maintenance.

The obligation of Master-Bilt shall be limited to repairing or replacing (at its option) any part which is defective in the reasonable opinion of Master-Bilt. The user will have the responsibility and expense of removing and returning the defective panel or part to Master-Bilt as well as the cost of reinstalling the replacement or repaired part.

Defective conditions caused by abnormal use or misuse, lack of or improper maintenance, damage by third parties, alterations, acts of God, failure to follow installation or safety instructions or any other event beyond the control of Master-Bilt will not be covered under this warranty.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL MASTER-BILT BE LIABLE FOR LOSS OF USE, REVENUE OR PROFIT OR FOR ANY OTHER INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGE INCLUDING, BUT NOT LIMITED TO, FOOD SPOILAGE OR PRODUCT LOSS.

THIS WARRANTY SHALL APPLY ONLY WITHIN THE CONTINENTAL UNITED STATES, ITS TERRITORIES AND POSSESSIONS AND IN CANADA.

Website: www.master-bilt.com		908 Highway 15 North - New Albany, MS 38652 Phone: (662) 534-9061 - Toll Free: (800) 647-1284 Fax: (662) 534-6049 - Toll Free: (800) 232-3966		F	Price Quotation	
				Quote No.	MB1963704DC-A	
				Date:	02/01/2019	
				Lead Time:	4-5 Weeks	
				Price Protected:	90 Days	
Customer	Bargreen Ellingson			Page:	4 of 5	
002038 1776 Commerce A		/e		Phone :	253-471-3797	
	Boise, ID 83705-53	309		Fax:	253-473-1875	
Attention	Adam Sales Rep		Tom Redditt Sales	Agency #32 (032)		
Project	Vista Verde Guest Ranch		Regional Manager	Bob Gasbarro (08)	1)	
Item Number	Indoor Cooler/Freezer Pr		Prepared By	DC/NB D		

#### Site Accessories

(5) 23-01934

4 FT. LED Light Fixture For Walk-Ins, 48" OPTOELECTRONIX #ULF249VW L48B.

#### **Swing Doors**

(1) DRF36082XX/963704/01

36" x 78" RH Hinged, Low Temp, ColdSeal Max Door With ., 3" Pressure Relief Port, Combo Light Switch/Thermometer, 14 Watt LED Light Fixture, (2) K-1248 Spring-Loaded Cam-Lift Hinges, K-091C Handle/Strike/Release, K-1094 Door Closer, Heavy-duty 10 Ga St/St Threshold.

(1) DRC37082XX/963704/02

36" x 78" RH Hinged, Medium Temp, ColdSeal Max Door With ., Combo Light Switch/Thermometer, 14 Watt LED Light Fixture, (2) K-1248 Spring-Loaded Cam-Lift Hinges, K-091C Handle/Strike/Release, K-1094 Door Closer.

#### Refrigeration Systems

(1) MSLD020HB

2HP Cond Unit 208-230/60/1 R-448A/R-449A, Hood & LAK Scroll, Low Temp -10F., 6793 BTUH System Capacity. With Mounted Timer. Sized for 90 F. Temperature at Condenser. 38" (L) 27" (W) 18" (H) Base: M2 @ 240#. MCA: 25, MOP: 30, RLA: 14, LRA: 61. Connections - Liquid: 0.375", Suction: 0.875", Heated/Insulated Receiver.

(1) MSMD025HB

2.5HP Cond Unit 208-230/60/1 R-448A/R-449A, Hood & LAK Scroll, Medium Temp 35F., 17804 BTUH System Capacity. With Mounted Timer. Sized for 100 F. Temperature at Condenser. 38" (L) 27" (W) 18" (H) Base: M2 @ 240#. MCA: 32, MOP: 35, RLA: 16, LRA: 75. Connections - Liquid: 0.5", Suction: 0.875". Heated/Insulated Receiver.

(1) E1LD0076B-TE2

Evap 208-230/60/1 Low Profile R-448A/R-449A, Elec Defrost Mtd TXV/Temp Ctrl/Sol, Low Temp -10F., 7600 BTUH Evaporator Capacity. 44" (L) 16" (W)

E1MD0109A-TA1

17" (H) @ 52#. Fan Amps: 1.0, Defrost Amps: 9.8. Evap 115/60/1 Low Profile R-448A/R-449A, Air Defrost Mtd TXV/Temp Control. Medium Temp 35F., 10900 BTUH Evaporator Capacity. 44" (L) 16"

(W) 17" (H) @ 55#. Fan Amps: 1.6.

(2) MBWR030S

4 Year Extended Compressor Warranty, 1.5-3HPS

#### **Roof Supports**

(2)

(1) 963704X200

#### 17'4" Self-Support Roof System

Note: Not for outdoor installation! Walk-in to be erected inside existing building only! Do not use walk-in roof for storage area.

# RCRBD Record Set



#### Master-bilt Lead / Vista Verde Guest Ranch

**Chris Kennedy** <c.kennedy@bargreen.com>
To: Yampa Valley Engineering <yvengr@yvengr.com>

Tue, Feb 12, 2019 at 8:29 AM

Good morning Jim,

All the power requirements are listed below.

Site	Access	ories
0.00	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,01100

(5) 23-01934 4 FT. LED Light Fixture For Walk-Ins, 48" OPTOELECTRONIX

**#ULF249VW L48B.** 

Swing Doors

(1) DRF36082XX/963704/01 36" x 78" RH Hinged, Low Temp, ColdSeal Max Door With ., 3" Pressure

Relief Port, Combo Light Switch/Thermometer, 14 Watt LED Light Fixture,

(2) K-1248 Spring-Loaded Cam-Lift Hinges, K-091C

Handle/Strike/Release, K-1094 Door Closer, Heavy-duty 10 Ga St/St

Threshold.

(1) DRC37082XX/963704/02 36" x 78" RH Hinged, Medium Temp, ColdSeal Max Door With ., Combo

Light Switch/Thermometer, 14 Watt LED Light Fixture, (2) K-1248 Spring-Loaded Cam-Lift Hinges, K-091C Handle/Strike/Release, K-1094 Door

Closer.

Refrigeration Systems

(1) MSLD020HB 2HP Cond Unit 208-230/60/1 R-448A/R-449A, Hood & LAK Scroll, Low

Temp -10F., 6793 BTUH System Capacity. With Mounted Timer. Sized for 90 F. Temperature at Condenser. 38" (L) 27" (W) 18" (H) Base: M2 @ 240#. MCA: 25, MOP: 30, RLA: 14, LRA: 61. Connections - Liquid: 0.375",

Suction: 0.875". Heated/Insulated Receiver.

(1) MSMD025HB 2.5HP Cond Unit 208-230/60/1 R-448A/R-449A, Hood & LAK Scroll,

Medium Temp 35F., 17804 BTUH System Capacity. With Mounted Timer. Sized for 100 F. Temperature at Condenser. 38" (L) 27" (W) 18" (H) Base: M2 @ 240#. MCA: 32, MOP: 35, RLA: 16, LRA: 75. Connections - Liquid:

0.5", Suction: 0.875". Heated/Insulated Receiver.

(1) E1LD0076B-TE2 <u>Evap 208-230/60/1 Low Profile R-448A/R-449A, Elec Defrost Mtd</u>

TXV/Temp Ctrl/Sol, Low Temp -10F., 7600 BTUH Evaporator Capacity. 44"

(L) 16" (W) 17" (H) @ 52#. Fan Amps: 1.0, Defrost Amps: 9.8.

(2) E1MD0109A-TA1 <u>Evap 115/60/1 Low Profile</u> R-448A/R-449A, Air Defrost Mtd TXV/Temp

Control, Medium Temp 35F., 10900 BTUH Evaporator Capacity. 44" (L) 16"

(W) 17" (H) @ 55#. Fan Amps: 1.6.

(2) MBWR030S 4 Year Extended Compressor Warranty, 1.5-3HPS

**Roof Supports** 

(1) 963704X200 17'4" Self-Support Roof System

Note: Not for outdoor installation! Walk-in to be erected inside existing

building only! Do not use walk-in roof for storage area.

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RCRBD Record Set