

# TOWN OF YUCCA VALLEY

GILLIS + PANICHAPAN ARCHITECTS, INC.

Jack Panichapan, AIA  
PRINCIPAL-IN-CHARGE

**BID SET - 12/08/2021**

# SENIOR CENTER - KITCHEN EQUIPMENT UPGRADES

PROJECT NO. 4107

57088 TWENTYNINE PALMS HIGHWAY  
YUCCA VALLEY, CA 92284

## SHEET INDEX

CV-1 COVER SHEET

ARCHITECTURAL DRAWINGS:

- T-1 TITLE SHEET
- A-1.1 SITE PLAN - FOR REFERENCE
- A-2.1 OVERALL FLOOR PLAN - EXISTING/DEMO
- A-2.2 ENLARGED FLOOR PLAN - EXISTING/DEMO
- A-2.3 ENLARGED FLOOR PLAN - PROPOSED
- A-2.4 ENLARGED EQUIPMENT PLAN
- A-3.1 ENLARGED ROOF PLAN
- A-4.1 INTERIOR ELEVATIONS
- A-5.1 SCHEDULES
- A-6.1 REFERENCE SHEET
- A-6.2 REFERENCE SHEET
- A-6.3 REFERENCE SHEET
- A-6.4 REFERENCE SHEET
- A-6.5 REFERENCE SHEET
- A-7.1 WALK-IN REFRIGERATOR & FREEZER INFO
- A-7.2 DETAILS

ELECTRICAL DRAWINGS:

- E-0.1 ELECTRICAL SYMBOL LIST AND ABBREVIATIONS
- E-0.2 ELECTRICAL SPECIFICATIONS
- E-0.3 DEMO & REMODEL SINGLE LINE DIAGRAM
- E-1.1 OVERALL FLOOR PLAN - EXISTING/DEMO
- E-2.1 ENLARGED FLOOR PLAN - EXISTING/DEMO
- E-3.1 ENLARGED FLOOR PLAN - PROPOSED
- E-4.1 ENLARGED ROOF PLAN - PROPOSED

MECHANICAL DRAWINGS:

- M-0.1 MECHANICAL LEGEND AND NOTES
- M-0.2 EQUIPMENT SCHEDULES AND DETAILS
- M-1.1 OVERALL FLOOR PLAN - EXISTING/DEMO
- M-2.1 ENLARGED FLOOR PLAN - EXISTING/DEMO
- M-3.1 ENLARGED FLOOR PLAN - PROPOSED
- M-4.1 ENLARGED ROOF PLAN - PROPOSED

PLUMBING DRAWINGS:

- P-0.1 GENERAL NOTES, LEGEND, SCHEDULES AND DETAILS
- P-0.2 PLUMBING DETAILS
- P-1.1 PLUMBING FLOOR PLAN - OVERALL
- P-2.1 ENLARGED PLUMBING FLOOR PLAN - DEMO
- P-3.1 ENLARGED PLUMBING FLOOR PLAN



© Gillis + Panichapan Architects, Inc. All Rights Reserved.  
This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of, Gillis + Panichapan Architects, Inc.

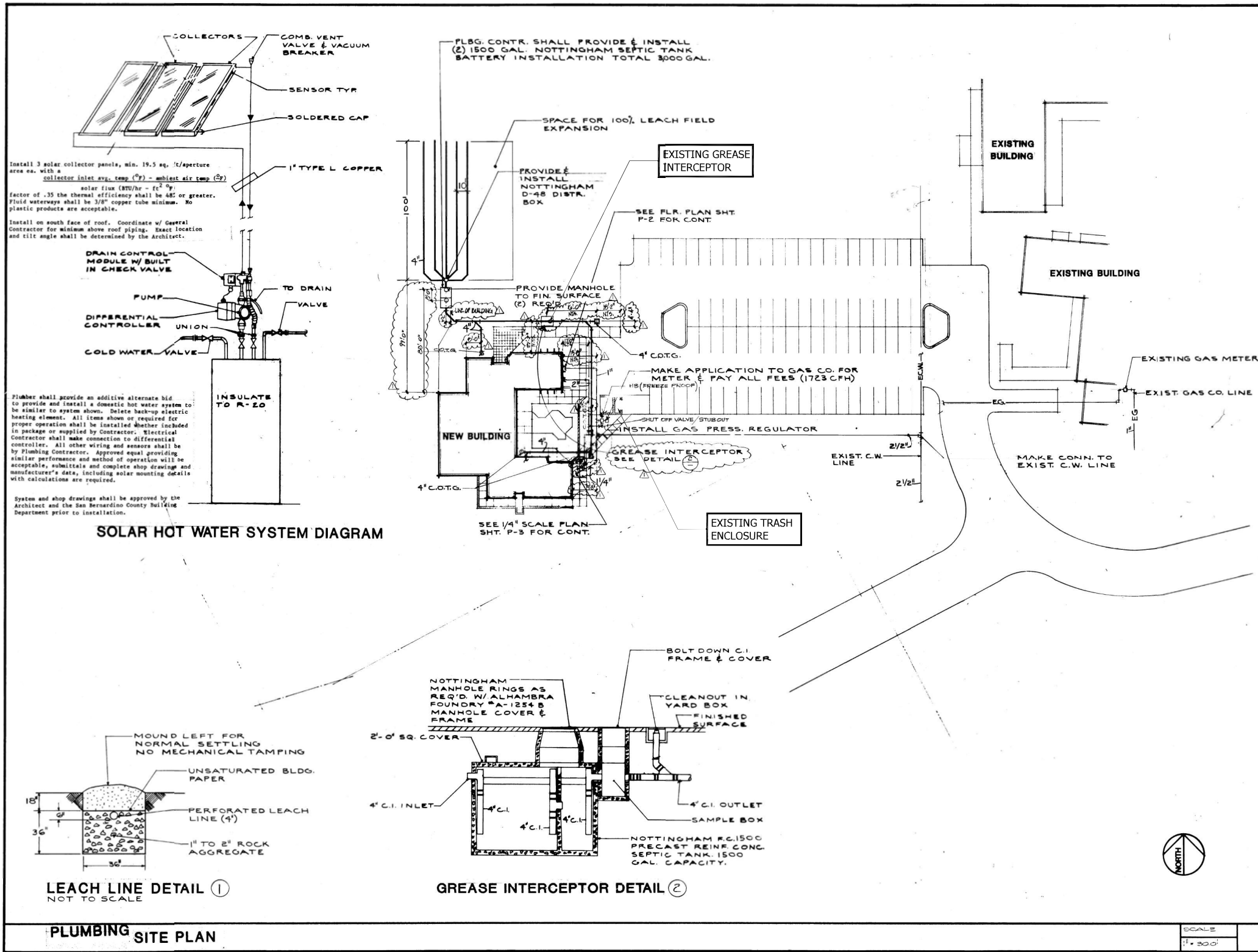
**BID SET**

		DATE: 12/08/21	
	JOB NO.: 4107		
	DRAWN BY: STAFF		
	CHECKED BY: LP		
			SCALE:

COVER SHEET  
TOWN OF YUCCA VALLEY  
Senior Center - Kitchen Equipment Upgrades

**CV-1**





**BARMAKIAN WOLFF\*LANG CHRISTOPHER ARCHITECTS**  
 101 ARCHCENTER 8075 ARCHBLVD. RANCHO CUCAMONGA CALIFORNIA 91730 714-987-0909



CONSULTANT	<i>Thomas M. M.A.D.</i>
APPROVED	
APPROVED	
NO DATE BY REVISION	REMARKS
1	AS SHOWN REVISION DRAWING
PLUMBING SITE PLAN	
DRAWN	
CHECKED	
DATE	9-24-81
SCALE	1/4" = 30'
JOB NO	8-024

**FOR REFERENCE ONLY**



**G.P.O.**  
 architecture  
 planning  
 interior  
**Gillis + Panichapan Architects, Inc.**  
 2900 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
 FAX (714) 668-4285 SUITE G-205 TEL (714) 668-4280

This document and the structure depicted herein are the copyrighted property of and may not be reproduced in any form without express written permission of Gillis + Panichapan Architects, Inc.

**BID SET**

JOB NO.: 4107	DATE: 12/08/21
DRAWN BY: STAFF	
CHECKED BY: LP	
SCALE: N.T.S.	

**SITE PLAN**  
**TOWN OF YUCCA VALLEY**  
 Senior Center - Kitchen Equipment Upgrades

**A-1.1**

LEGEND:

	EXISTING WALL TO REMAIN
	EXISTING WALL/DOOR TO BE REMOVED
	EXISTING DOOR TO REMAIN
	EXISTING DOOR TO BE REMOVED

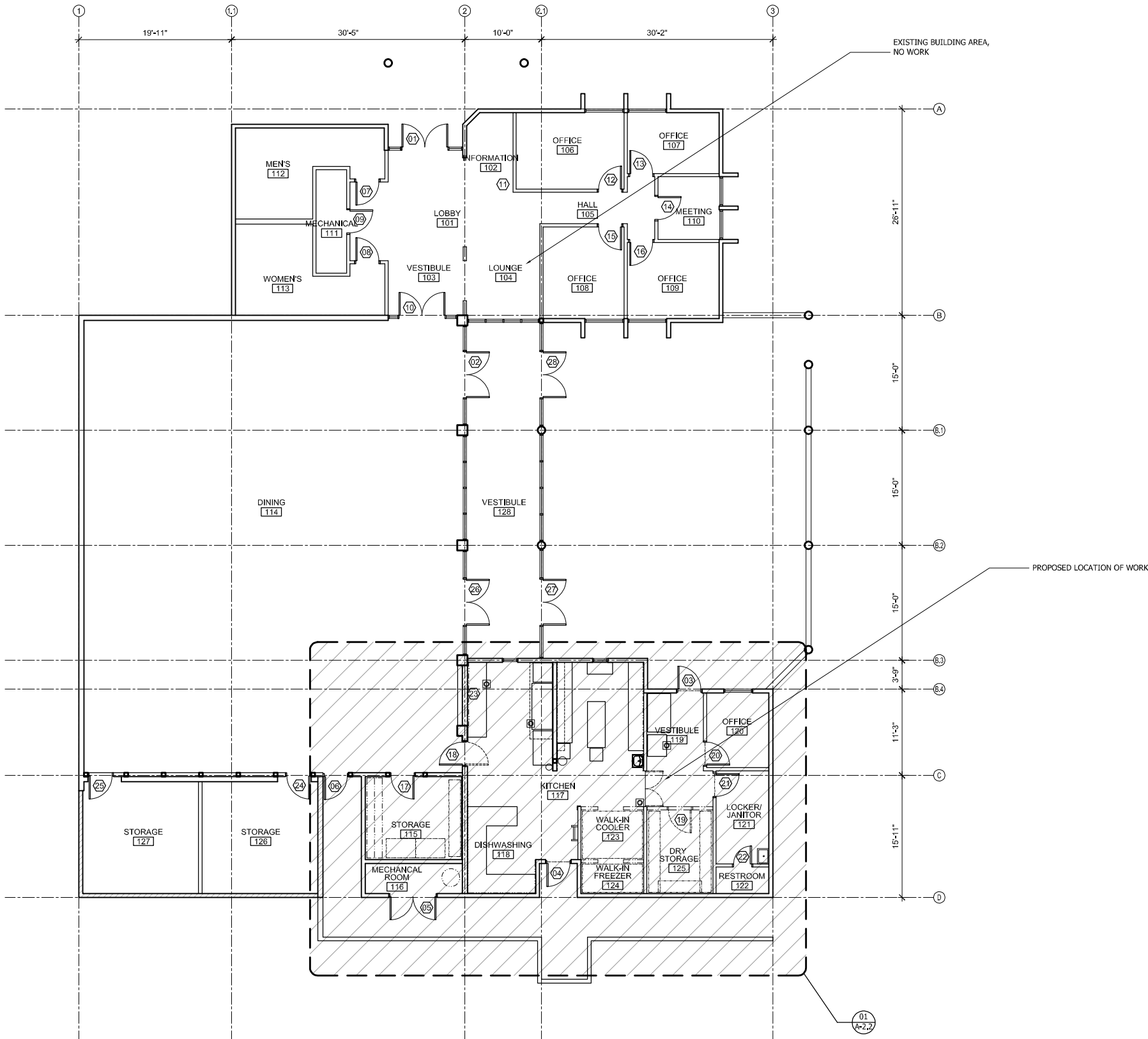


architecture  
planning  
interior

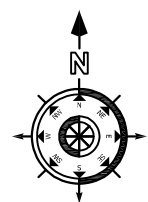
**GPA**

**Gillis + Panichapan Architects, Inc.**  
2900 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
FAX (714) 668-4265 TEL (714) 668-4260

© Gillis + Panichapan Architects, Inc. All Rights Reserved.  
This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of, Gillis + Panichapan Architects, Inc.



01 FLOOR PLAN - OVERALL EXISTING  
A-2.1 Scale: 1/8" = 1'-0"



**BID SET**

JOB NO.: 4107	DATE: 12/08/21
DRAWN BY: STAFF	
CHECKED BY: LP	
SCALE: 1/8" = 1'-0"	

**FLOOR PLAN - OVERALL EXISTING**

**TOWN OF YUCCA VALLEY**

Senior Center - Kitchen Equipment Upgrades

**A-2.1**






KEYNOTES:

- 01 REMOVE EXISTING STAINLESS STEEL COUNTERTOP
- 02 REMOVE EXISTING OVERHEAD COILING DOOR
- 03 REMOVE (1) ONE COURSE OF 8" CMU BLOCK @ PASS-THROUGH
- 04 CLEAN EXISTING CONCRETE FLOOR. PREP, ABRASE, GRIND AS REQUIRED BY NEW FLOORING MANUFACTURER
- 05 FIRE SUPPRESSION SYSTEM TO REMAIN, PROTECT IN-PLACE
- 06 REMOVE EXISTING BASE, TYPICAL
- 07 EXISTING FINISH TO REMAIN, PROTECT IN-PLACE
- 08 REMOVE ALL FLOOR FINISHES/BASE
- 09 REMOVE AND REPLACE ALUMINUM THRESHOLD
- 10 REMOVE AND REPLACE THRESHOLD

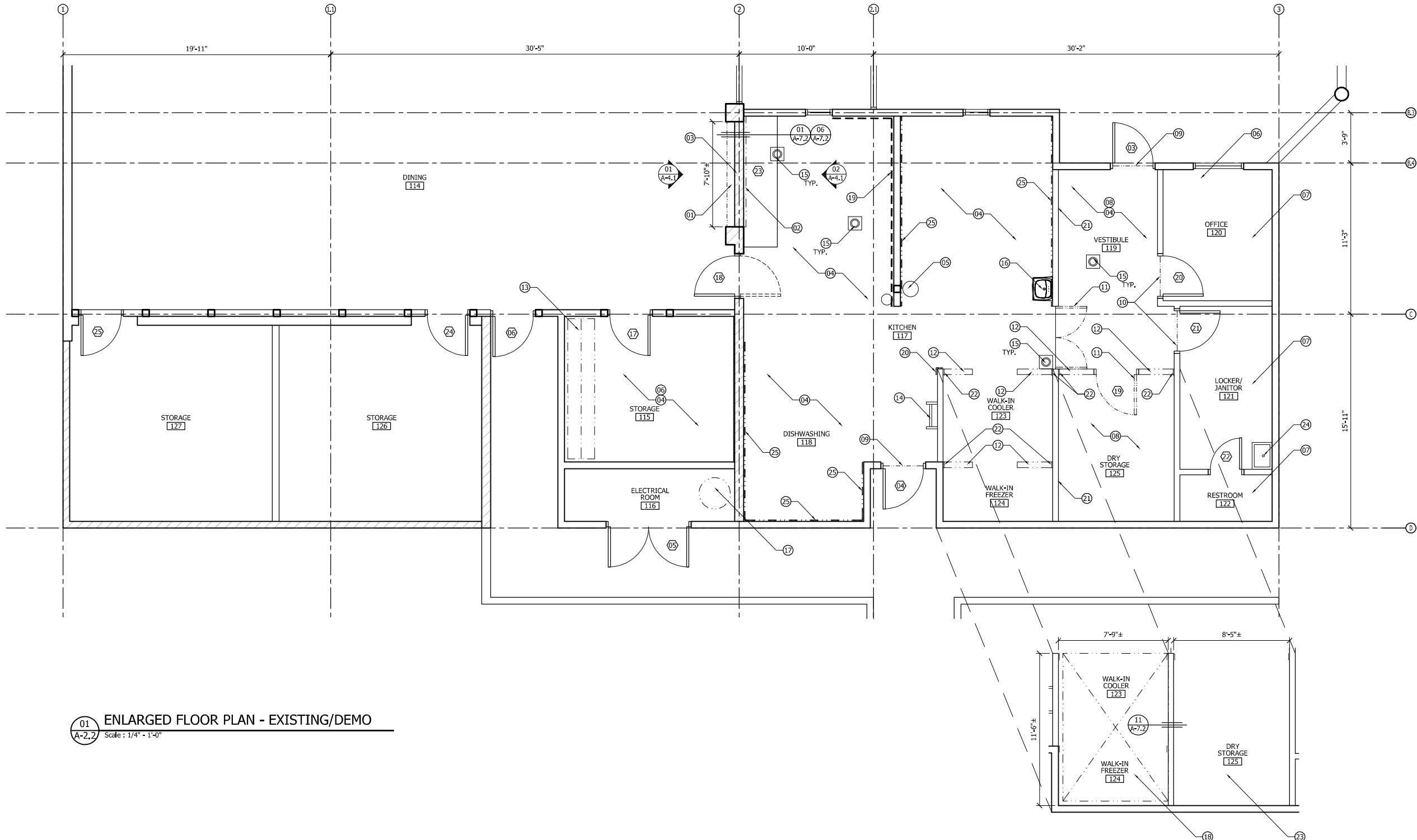
- 11 EXISTING DOOR AND FRAME TO BE REMOVED
- 12 EXISTING GYPSUM BOARD WALL TO BE REMOVED
- 13 EXISTING CASEWORK AND SHELF TO BE REMOVED. PATCH AND REPAIR WALL
- 14 EXISTING ROOF ACCESS LADDER TO REMAIN, PROTECT IN-PLACE
- 15 EXISTING FLOOR SINK TO REMAIN, PROTECT IN-PLACE, TYPICAL
- 16 EXISTING LAVATORY SINK TO REMAIN, PROTECT IN-PLACE
- 17 EXISTING WATER HEATER TO BE REMOVED AND REPLACED
- 18 EXISTING TOPPING SLAB AND RIGID INSULATION TO BE REMOVED, SEE DETAIL 11 & 13 ON SHEET A-7.2

- 19 EXISTING S.S. WALL PANEL TO REMAIN, PROTECT IN-PLACE
- 20 EXISTING METAL GATE TO BE REMOVED, PATCH AND REPAIR WALL
- 21 EXISTING BEARING/SHEAR WALL AND FOOTING TO REMAIN, PROTECT IN-PLACE
- 22 PATCH & REPAIR WALL. INSTALL GYPSUM BOARD, PRIME AND PAINT
- 23 CLEAN, PATCH, GRIND & REPAIR EXISTING CONCRETE FLOOR TO RECEIVE NEW WALK-IN EQUIPMENT AND FLOOR FINISH.
- 24 EXISTING SERVICE SINK TO REMAIN, PROTECT IN-PLACE
- 25 REMOVE EXISTING WALL COVERING (TILE/FRP), PREP AND PRIME WALLS PRIOR TO INSTALLING NEW FRP SYSTEM

LEGEND:

-  EXISTING WALL TO REMAIN
-  EXISTING CMU WALL TO REMAIN
-  EXISTING WALL/DOOR TO BE REMOVED
-  DOOR TO REMAIN/TO BE ALTERED, SEE SHEET A-5.1 FOR ADDITIONAL INFO
-  EXISTING DOOR TO BE REMOVED

NOTE:  
SEE SHEET A-2.4 FOR EXISTING FURNITURE TO BE TEMPORARILY REMOVED/RE-INSTALLED



01 ENLARGED FLOOR PLAN - EXISTING/DEMO  
A-2.2 Scale: 1/4" = 1'-0"



GPO  
architecture  
planning  
interior  
Gillis + Panichapan Architects, Inc.  
2900 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
PAX (714) 668-4265 TEL (714) 668-4260

© Gillis + Panichapan Architects, Inc. All Rights Reserved.  
This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of, Gillis + Panichapan Architects, Inc.

BID SET

JOB NO.: 4107	DATE: 12/08/21
DRAWN BY: STAFF	
CHECKED BY: LP	
SCALE: 1/4" = 1'-0"	

ENLARGED FLOOR PLAN - EX./DEMO  
TOWN OF YUCCA VALLEY  
Senior Center - Kitchen Equipment Upgrades

A-2.2

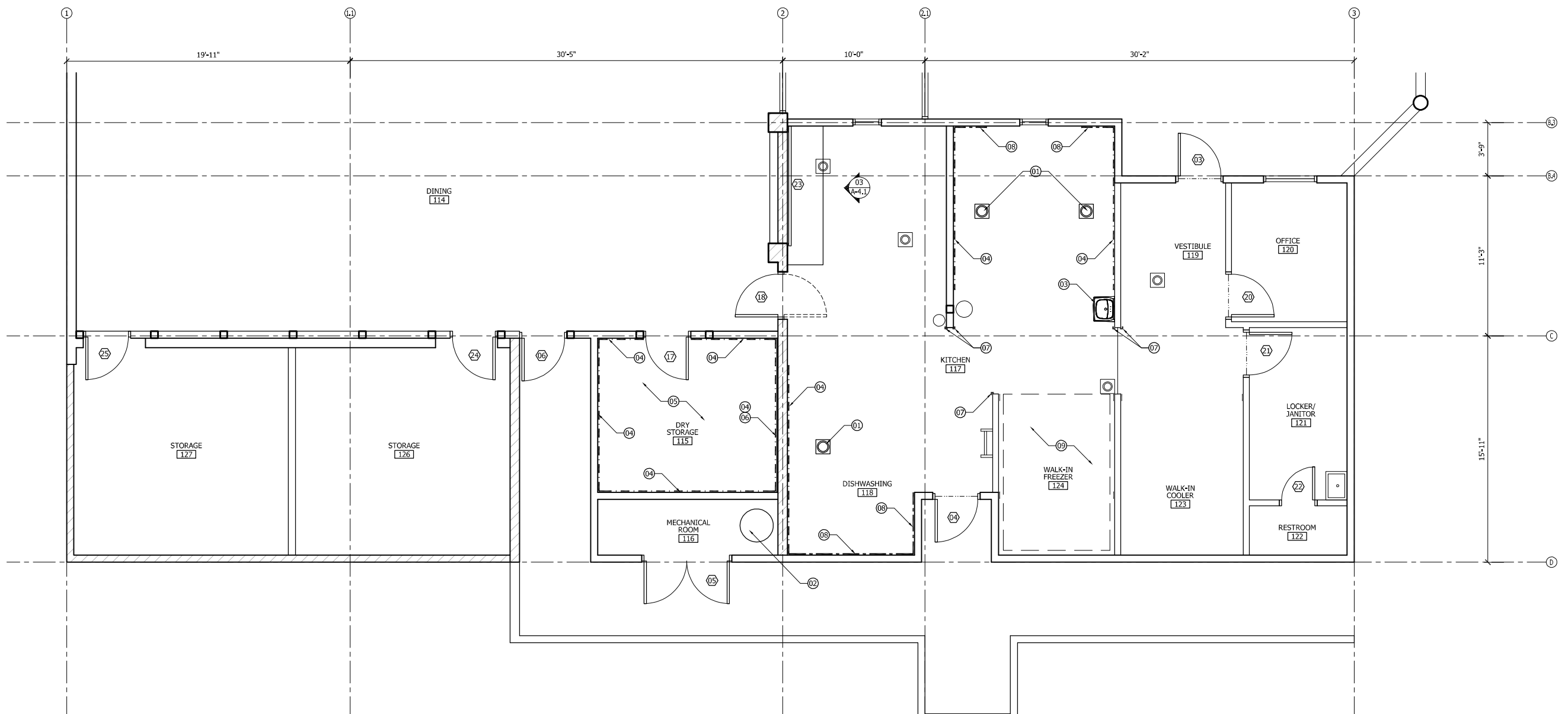
- KEYNOTES:**
- 01 NEW FLOOR SINK, SEE PLUMBING DRAWINGS. COORDINATE LOCATION WITH EXISTING SINKS AND DRAINS (AND NEW WASTE LINES @ EACH PLUMBING FIXTURES)
  - 02 NEW WATER HEATER, SEE MECHANICAL DRAWINGS
  - 03 PROVIDE AND INSTALL NEW DRAIN PIPE INSULATION (TRUBRO, MOLDED VINYL TRAP/P-TRAP, AND VALVE COVERS OR APPROVED EQUAL)
  - 04 NEW FULL HEIGHT FRP PANEL (TYPICAL)
  - 05 NEW COVED BASE, SEE FINISH FLOOR PLANS A-5.1
  - 06 NEW 1/2" RIGID POLYISO INSULATION Z-CHANNELS AND NEW 5/8" GYPSUM BOARD @ EXISTING EXPOSED CMU WALL (PRIME NEW GYPSUM BOARD TO RECEIVE FRP SYSTEM)
  - 07 NEW 2" X 2" X 18 GA, (48") STAINLESS STEEL CORNER GUARDS
  - 08 NEW FRP PANELING FROM TOP OF COVED BASE TO 4'-6" A.F.F.
  - 09 NEW INFILL RECESSED CONCRETE TOPPING SLAB, SEE DETAIL 13/A-7.2

- LEGEND:**
- EXISTING WALL TO REMAIN
  - EXISTING CMU WALL TO REMAIN
  - NEW GYPSUM BOARD FURRED WALL
  - SEE SHEET A-5.1 FOR DOOR SCHEDULE
  - NEW FULL HEIGHT FRP PANELS
  - NEW FRP PANELS, 4'-6" A.F.F.

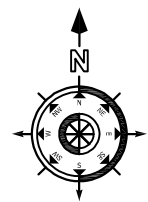


**Gillis + Panichapan Architects, Inc.**  
 2900 BRISTOL STREET COSTA MESA, CALIFORNIA 92626  
 FAX (714) 666-4265 SUITE G-205 TEL (714) 666-4260

© Gillis + Panichapan Architects, Inc. All Rights Reserved. This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of, Gillis + Panichapan Architects, Inc.



01 ENLARGED FLOOR PLAN - PROPOSED  
 Scale: 1/4" = 1'-0"

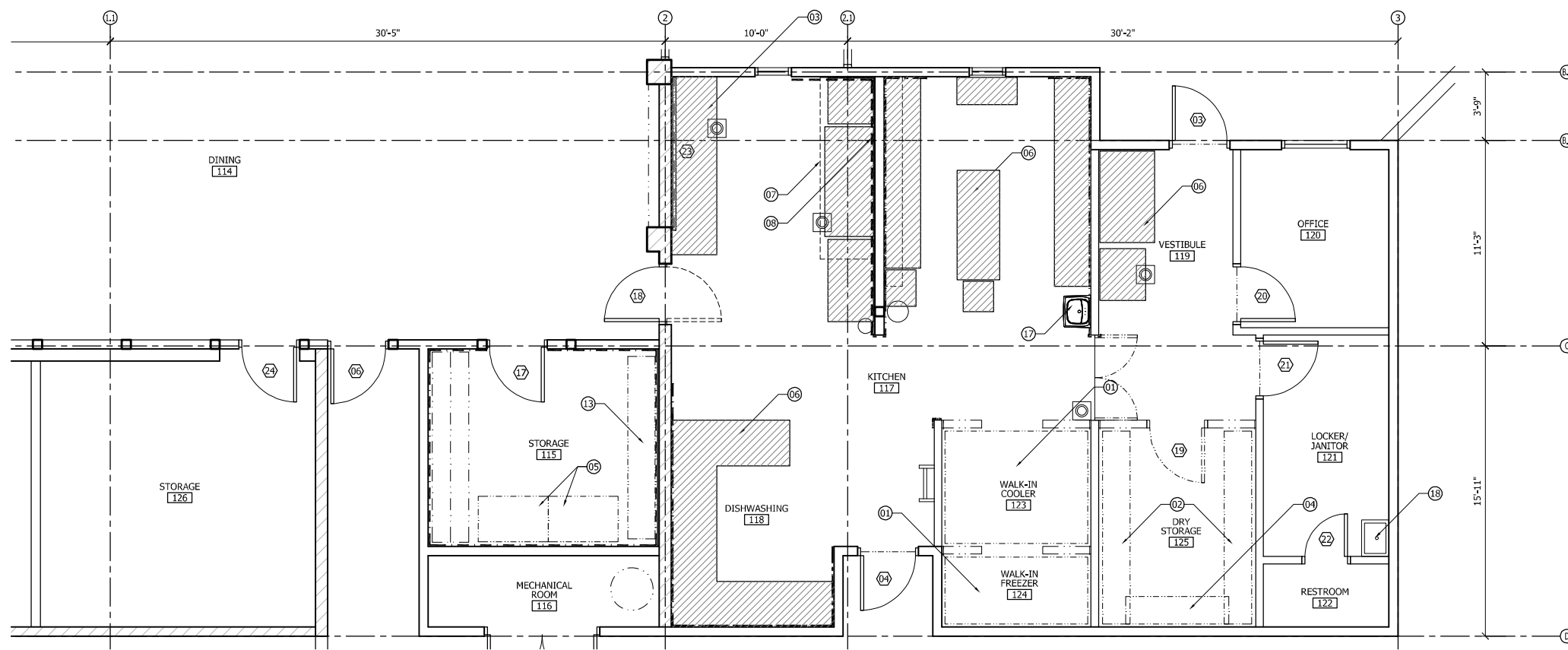


**BID SET**

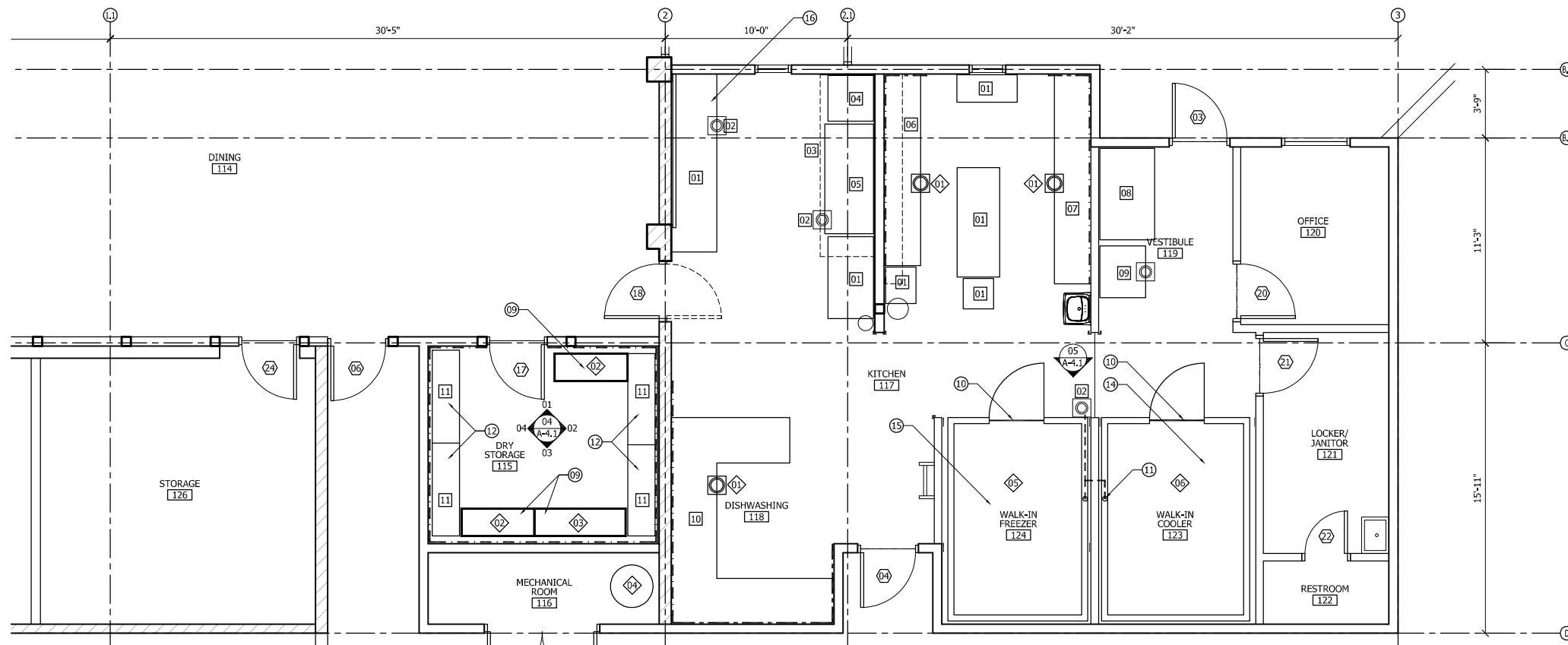
JOB NO.: 4107	DATE: 12/09/21
DRAWN BY: STAFF	
CHECKED BY: LP	
SCALE: 1/4" = 1'-0"	

**ENLARGED FLOOR PLAN - PROPOSED**  
**TOWN OF YUCCA VALLEY**  
 Senior Center - Kitchen Equipment Upgrades

**A-2.3**



01 ENLARGED EQUIPMENT PLAN - EXISTING/DEMO  
A-2.4 Scale: 1/4" = 1'-0"



02 ENLARGED EQUIPMENT PLAN - PROPOSED  
A-2.4 Scale: 1/4" = 1'-0"

EXISTING FURNITURE/EQUIPMENT:

1. PRIOR TO REMOVING ANY EQUIPMENT, CONTRACTOR IS TO PHOTOGRAPH EXACT LOCATION AND LAYOUT OF EQUIPMENT.
2. CAREFULLY AND TEMPORARILY REMOVE THE EXISTING EQUIPMENT AS SHOWN AND AS NEEDED TO FACILITATE THE INSTALLATION OF THE NEW FLOORING AND COVERED BASE.
3. PROTECT WHILE STORED. LOCATION OF TEMPORARY STORAGE TO BE COORDINATED WITH OWNER.
4. AFTER ALL FINISHES ARE INSTALLED AND DRY/CURED, INSTALL/REPLACE EQUIPMENT BACK TO ORIGINAL LOCATION.

KEYNOTES:

- 01 EXISTING EQUIPMENT TO BE REMOVED
- 02 EXISTING SHELVING RACKS TO BE REMOVED, RELOCATED TO NEW DRY STORAGE ROOM 115
- 03 EXISTING S.S. COUNTER TO BE REMOVED, MODIFIED/ADJUSTED
- 04 EXISTING WOOD SHELVING TO BE REMOVED
- 05 REMOVE AND RELOCATE EXISTING EQUIPMENT (PER OWNER)
- 06 TEMPORARILY REMOVE AND RE-INSTALL EQUIPMENT (TYP.)
- 07 EXISTING HOOD TO REMAIN, PROTECT IN-PLACE (CLEAN OUTSIDE)
- 08 EXISTING STAINLESS STEEL PANEL WALL TO REMAIN (CLEAN)
- 09 NEW STAINLESS STEEL RACK SHELVING (BY OTHERS)
- 10 PROVIDE AND INSTALL NEW STAINLESS STEEL THRESHOLD PLATE @ EACH DOOR
- 11 NEW COPPER/INSULATED CONDENSATE DRAIN TO AIR GAP AT FLOOR DRAIN
- 12 RELOCATED STORAGE RACKS
- 13 EXISTING SHELVING RACKS TO BE REMOVED, RELOCATION TO BE DETERMINED BY OWNER
- 14 NEW WALK-IN REFRIGERATOR
- 15 NEW WALK-IN FREEZER
- 16 RE-INSTALL MODIFIED S.S. COUNTER
- 17 EXISTING LAVATORY SINK
- 18 EXISTING SERVICE SINK

LEGEND:

- EXISTING WALL TO REMAIN
- EXISTING CMU WALL TO REMAIN
- NEW GYPSUM BOARD FURRED WALL
- SEE SHEET A-5.1 FOR DOOR SCHEDULE

\*\*\* CONTRACTOR TO REPLACE EXISTING SINK WASTE DRAIN LINE AND PROVIDE NEW AND RE-ROUTE TO AIR GAP AT NEW FLOOR SINK. SEE DETAIL 3/P-0.2. CAP WALL SEWER LINE

EXISTING EQUIPMENT:

01	STAINLESS STEEL TABLE/COUNTER
02	FLOOR SINK
03	HOOD
04	OVEN
05	OVEN/RANGE
06	2 COMPARTMENT SINK ***
07	3 COMPARTMENT SINK ***
08	DRINK COOLER
09	ICE MAKER
10	COMMERCIAL DISHWASHER MACHINE ***
11	STAINLESS STEEL STORAGE RACK

NEW EQUIPMENT:

01	FLOOR SINK - ZURN #1900-25 SANI-FLOOR RECEPTOR
02	4' STAINLESS STEEL STORAGE RACK - REGENCY MODEL NO. 460SW1848KIT
03	5' STAINLESS STEEL STORAGE RACK - REGENCY MODEL NO. 460SW1860KIT
04	WATER HEATER - A.O. SMITH BTH-199
05	WALK-IN FREEZER - U.S. COOLER,
06	WALK-IN COOLER - U.S. COOLER,

FINISHES:

- DRY STORAGE 115:
- WALLS - FRP (NEW)
  - CEILING - DRYWALL (EXISTING W/ NEW SEMI-GLOSS PAINT)
  - FLOOR - EPOXY COATING SYSTEM AND COVERED BASE (NEW)
- KITCHEN 117, DISHWASHING 118, & VESTIBULE 119:
- WALLS - TILE (EXISTING)
  - STAINLESS STEEL (EXISTING)
  - DRYWALL (EXISTING W/ NEW SEMI-GLOSS PAINT)
  - CEILING - DRYWALL (EXISTING W/ NEW SEMI-GLOSS PAINT)
  - FLOOR - EPOXY COATING SYSTEM AND COVERED BASE (NEW)



Gills + Panichapan Architects, Inc.  
2900 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
TEL: (714) 668-4265 FAX: (714) 668-4266

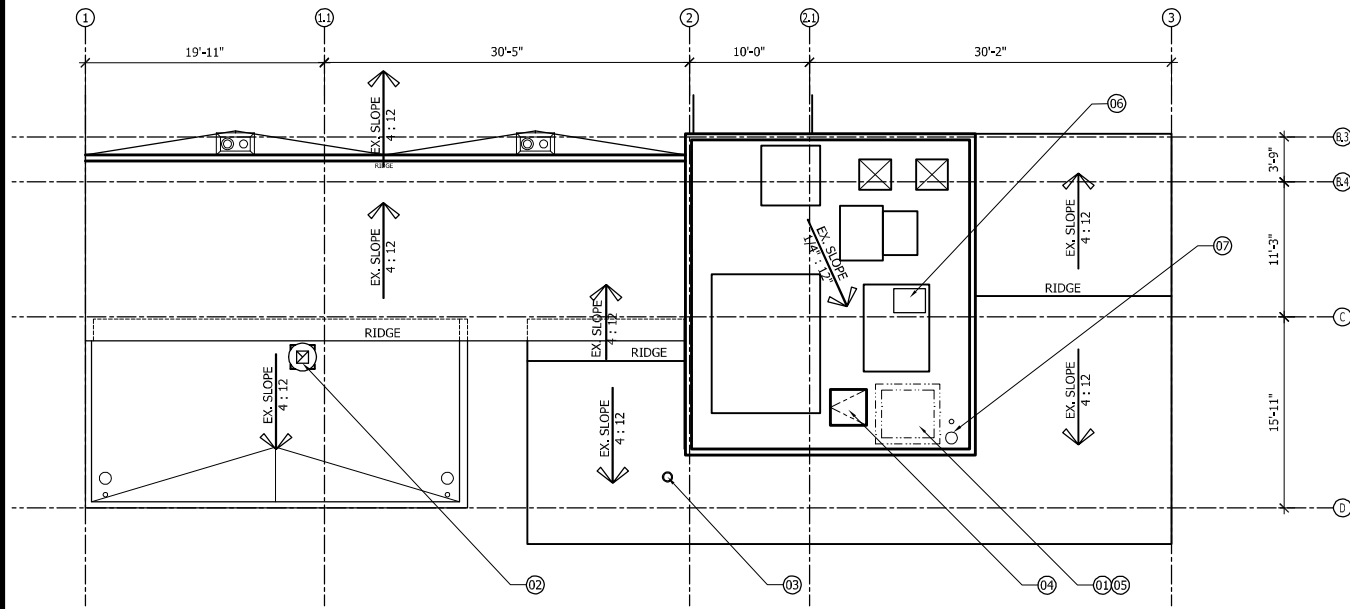
This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of, Gills + Panichapan Architects, Inc.

BID SET

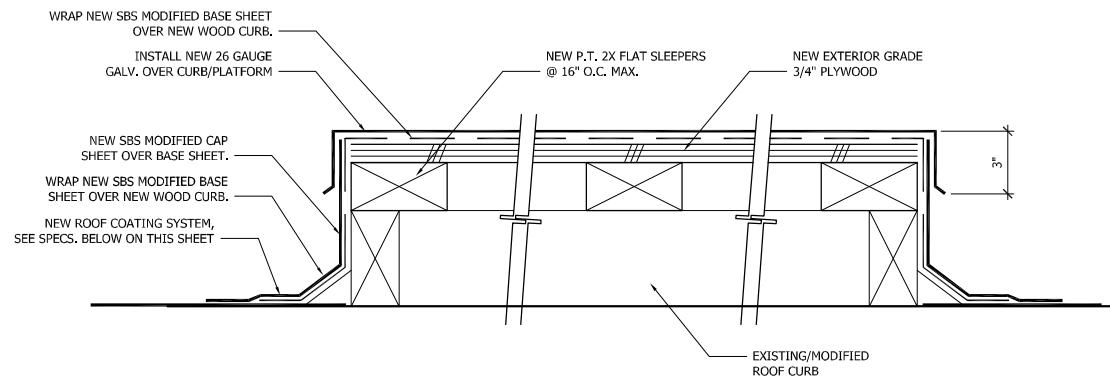
ENLARGED EQUIP. PLAN - EX./DEMO & PROPOSED  
TOWN OF YUCCA VALLEY  
Senior Center - Kitchen Equipment Upgrades

A-2.4

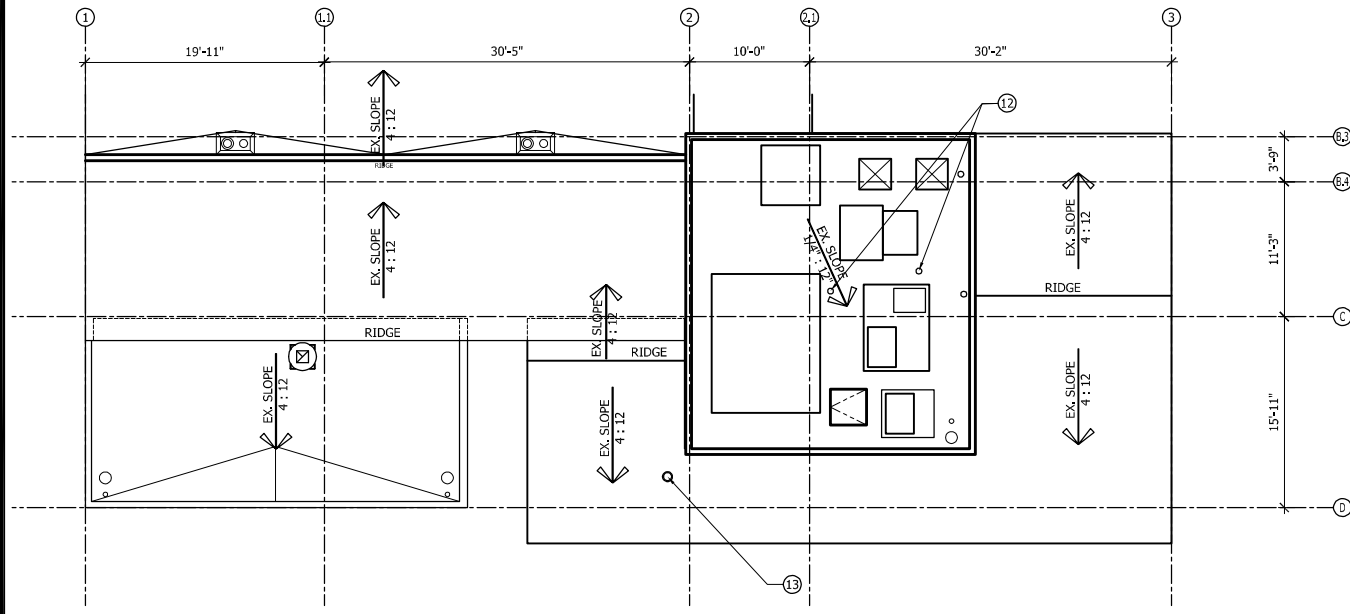
JOB NO.: 4107  
DATE: 12/08/21  
DRAWN BY: STAFF  
CHECKED BY: LP  
SCALE: 1/4" = 1'-0"



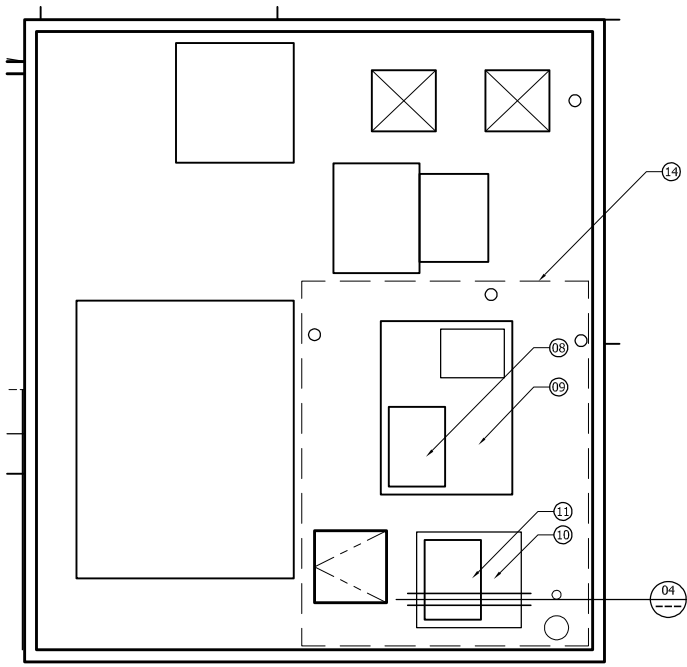
01 ENLARGED PARTIAL ROOF PLAN - EXISTING/DEMO  
A-3.1 Scale: 1/8" = 1'-0"



04 EX./MODIFIED ROOF CURB  
A-3.1 Scale: N.T.S.

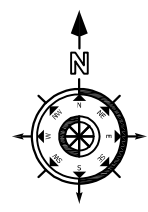


02 ENLARGED PARTIAL ROOF PLAN - PROPOSED  
A-3.1 Scale: 1/8" = 1'-0"



03 ENLARGED PARTIAL ROOF PLAN - PROPOSED EQUIPMENT  
A-3.1 Scale: 1/4" = 1'-0"

ROOF COATING SYSTEM:  
-HENRY, 100% SILICONE  
-WHITE (TROPIC-COOL)  
-INSTALLED OVER NEW/MODIFIED BUILT-UP ROOF SYSTEM



- KEYNOTES:
- 01 EXISTING METAL CORRUGATED AWNING AND SUPPORTS TO BE REMOVED
  - 02 EXISTING EXHAUST FAN TO REMAIN, PROTECT IN-PLACE
  - 03 EXISTING VENT PIPE TO BE REPLACED
  - 04 EXISTING ROOF HATCH TO REMAIN, PROTECT IN-PLACE
  - 05 EXISTING FREEZER/COOLER EQUIPMENT TO BE REMOVED. REMOVE EXISTING SHEET METAL CURB FLASHING
  - 06 EXISTING CONDENSER TO REMAIN, PROTECT IN-PLACE
  - 07 EXISTING ROOF DRAIN TO REMAIN. CLEAN AND INSTALL NEW FIBERGLASS GRATE
  - 08 NEW FREEZER CONDENSER, SET ON NEW ISOLATION PADS. SEAL ALL NEW FASTENER/PENETRATIONS
  - 09 CLEAN AND RE-COAT EXISTING CURB FLASHING
  - 10 INSTALL NEW 26 GAUGE GALV. OVER CURB/PLATFORM
  - 11 NEW COOLER CONDENSER, SET ON NEW ISOLATION PADS. SEAL ALL NEW FASTENER/PENETRATIONS.
  - 12 NEW GAS HOSE PER CALIFORNIA PLUMBING CODE (C.P.C.)
  - 13 NEW/REPLACED ROOF VENT AND JACK FOR HOT WATER HEATER (NEW CONCENTRIC VENT PIPE)
  - 14 APPROXIMATE AREA WITH NEW ROOF COATING SYSTEM



Gillis + Panichapan Architects, Inc.  
2900 BRISTOL STREET COSTA MESA, CALIFORNIA 92626  
FAX (714) 668-4265 TEL (714) 668-4260

This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of, Gillis + Panichapan Architects, Inc.

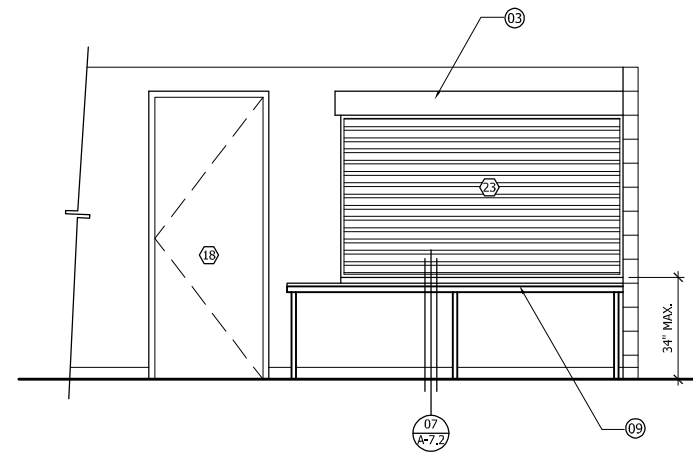
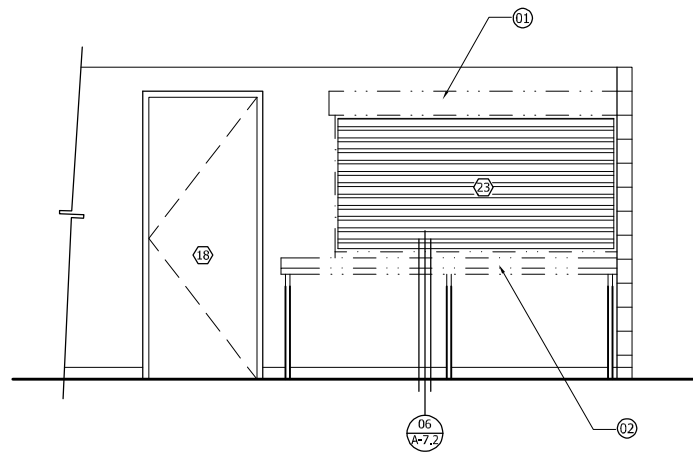
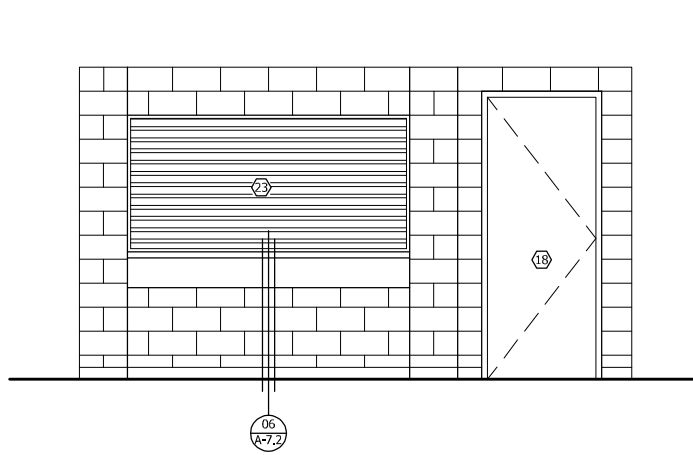
BID SET

JOB NO.: 4107	DATE: 12/08/21
DRAWN BY: STAFF	
CHECKED BY: LP	
SCALE: AS NOTED	

ENLARGED PARTIAL ROOF PLAN - EX/DEMO & PROPOSED  
TOWN OF YUCCA VALLEY  
Senior Center - Kitchen Equipment Upgrades

A-3.1

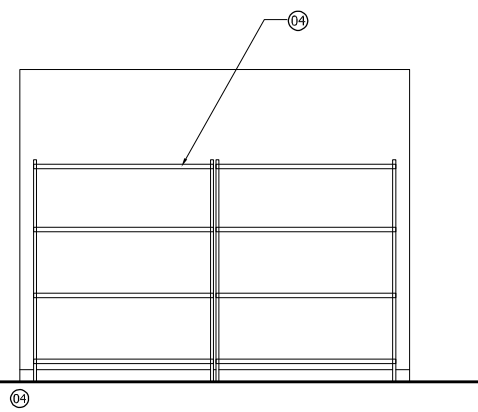
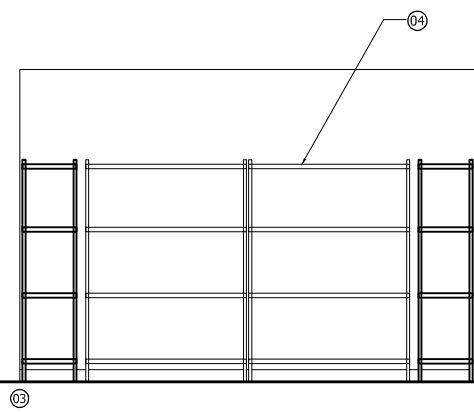
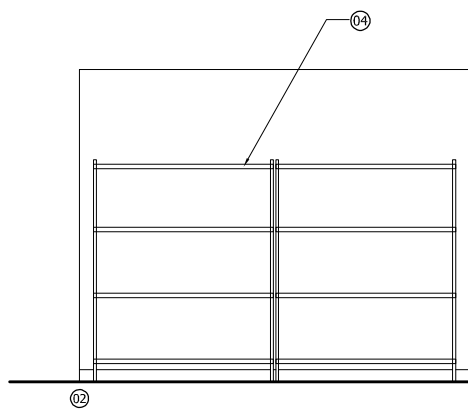




01 INTERIOR ELEVATION - EX./DEMO  
A-4.1 Scale: 3/8" - 1'-0"

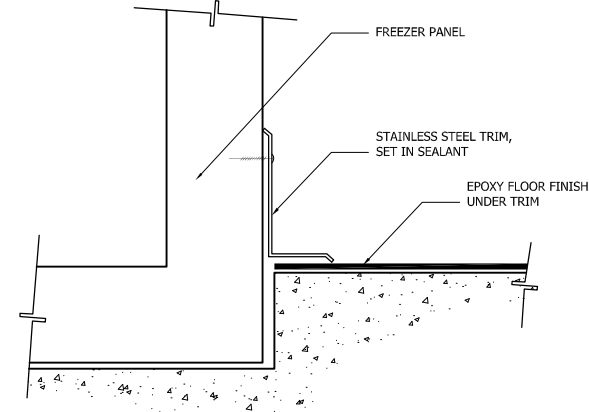
02 INTERIOR ELEVATION - EX./DEMO  
A-4.1 Scale: 3/8" - 1'-0"

03 INTERIOR ELEVATION - PROPOSED  
A-4.1 Scale: 3/8" - 1'-0"

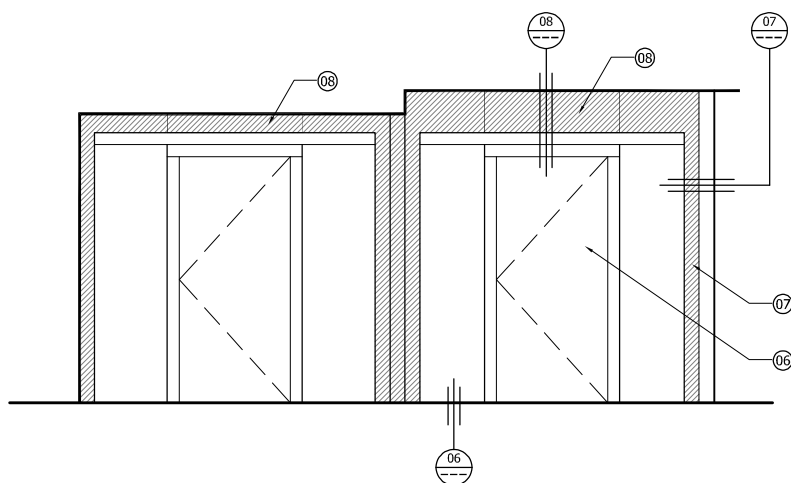


04 INTERIOR ELEVATION - DRY STORAGE 2 - #115  
A-4.1 Scale: 3/8" - 1'-0"

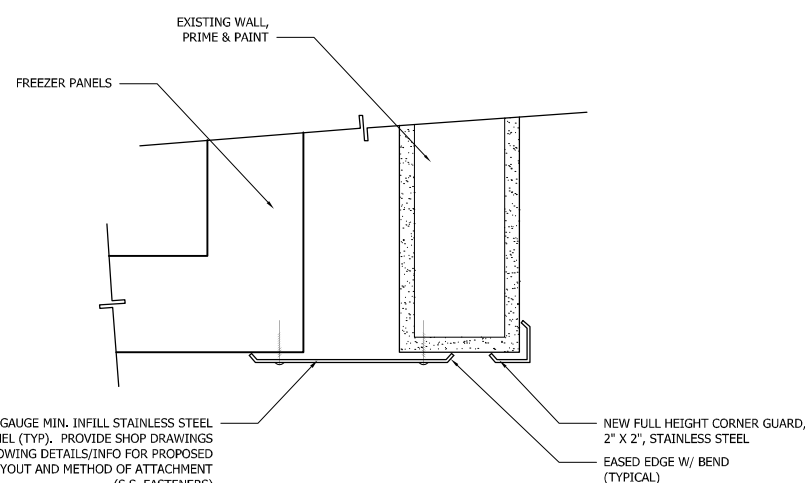
DRY STORAGE SHELVING RACKS:  
NEW - 13 LINEAR FEET MINIMUM  
EXISTING/RELOCATED - 20 LINEAR FEET MINIMUM  
MANUFACTURER (NEW) - REGENCY MODEL NO. 460SW1848KIT & 460SW1860KIT



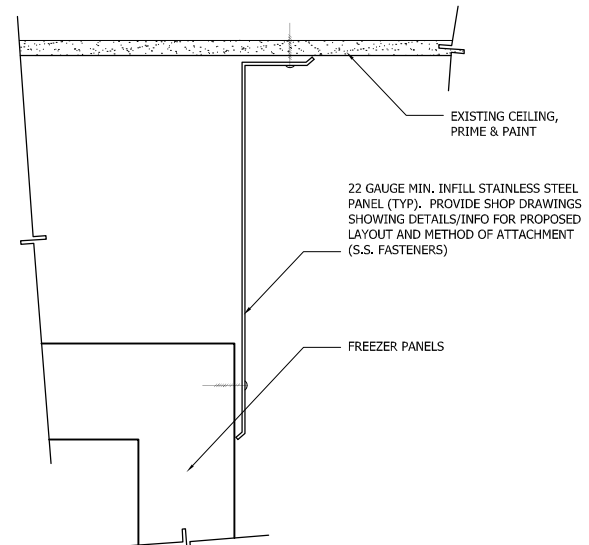
06 ENCLOSURE TRIM & FLASHING  
A-4.1 Scale: 3" - 1'-0"



05 INTERIOR ELEVATION - WALK-IN COOLER 123 & WALK-IN FREEZER 124  
A-4.1 Scale: 3/8" - 1'-0"



07 ENCLOSURE TRIM & FLASHING  
A-4.1 Scale: 3" - 1'-0"



08 ENCLOSURE TRIM & FLASHING  
A-4.1 Scale: 3" - 1'-0"

KEYNOTES:

- 01 DEMO EXISTING COILING DOOR
- 02 EXISTING STAINLESS STEEL COUNTER TO BE MODIFIED
- 03 NEW RATED COILING COUNTER DOOR
- 04 RELOCATED/NEW WIRE RACK DRY DRY STORAGE SHELVING SYSTEM
- 05 REMOVABLE STAINLESS STEEL PANEL TO ACCESS A.C. EQUIPMENT
- 06 NEW FREEZER/REFRIGERATOR EQUIPMENT
- 07 22 GAUGE MIN. INFILL STAINLESS STEEL PANEL TYPICAL. PROVIDE SHOP DRAWINGS SHOWING DETAILS/INFO FOR PROPOSED LAYOUT AND METHOD OF ATTACHMENT (S.S. FASTENERS)
- 08 REMOVABLE STAINLESS STEEL PANEL TO ACCESS A.C. EQUIPMENT
- 09 MODIFIED AND RE-INSTALL STAINLESS STEEL COUNTER TOP

LEGEND:

- XX SEE SHEET A-5.1 FOR DOOR SCHEDULE



GPO  
architecture  
planning  
interior  
Gills + Panichapan Architects, Inc.  
2900 BRISTOL STREET COSTA MESA, CALIFORNIA 92626  
PAX (714) 668-4265 TEL (714) 668-4260

This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of Gills + Panichapan Architects, Inc.

BID SET

DATE: 12/08/21
JOB NO.: 4107
DRAWN BY: STAFF
CHECKED BY: LP
SCALE: AS NOTED

INTERIOR ELEVATIONS  
TOWN OF YUCCA VALLEY  
Senior Center - Kitchen Equipment Upgrades

A-4.1

**DOOR SCHEDULE**

DOOR NUMBER	LOCATION (ROOM NUMBER)	SIZE	TYPE	HARDWARE	THICKNESS	CORE	DOOR				FRAME				DETAILS				NOTES:	
							MATERIAL	FINISH	MATERIAL	FINISH	DOOR/RM. SIGNS	HEAD	JAMB	THRESHOLD	CLOSER	HINGES	SEALS	DOOR STOP		DOOR BOTTOM
03	119	EXISTING																		
04	118	EXISTING																		
05	116	EXISTING																		
06	114	EXISTING																		
17	115	3'-0"W X 7'-0"H	A		1 3/4"	HM														PROVIDE AND INSTALL NEW 12" X 12" S.S. LOUVER PATCH, FILL, PRIME, AND PAINT (REMOVE HARDWARE PRIOR TO PAINTING)
18	117	EXISTING	B			WD														
19	125																			
20	120	EXISTING																		
21	121	EXISTING																		
22	122	EXISTING																		
23	117																			
24	126	3'-0"W X 7'-0"H																		
25	127	EXISTING																		

**NOTES**

**GENERAL NOTES: (ALL DOORS)**

A. MAXIMUM EFFORT TO OPERATE DOORS APPLIED AT RIGHT ANGLES TO HINGED DOORS OR AT CENTER PLANE, PER CBC SECTION 404.2.9 WILL BE:

a.) ≤ 5 LB. AT EXTERIOR DOORS  
 b.) ≤ 5 LB. AT INTERIOR DOORS  
 c.) ≤ 15 LB. WHERE FIRE DOORS ARE REQUIRED.

B. ALL DOORS SHALL COMPLY WITH CBC CHAPTER 10 DOORS

C. DOORS SHALL BE EQUIPPED ONLY WITH NO-KNOWLEDGE, SINGLE-ACTION HARDWARE. LOCKS THAT REQUIRE KEYS OR ADDITIONAL ACTIONS TO OPERATE (SUCH AS MANUAL BOLTS) ARE NOT PERMITTED. CBC 1010.1.9. ALL DOOR HARDWARE SHALL BE LEVER TYPE, PUSH-PULL ACTIVATING BARS OR PANIC HARDWARE THAT DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE. (PER CBC 11B-309.4)

D. DOORS WITH GLAZING SHALL BE PROVIDED WITH 10" HIGH SMOOTH METAL PANEL AT THE BOTTOM. (PER CBC 11B-404.2.10)

E. BOTTOM OF DOOR TO BE SMOOTH AND UNINTERRUPTED, TO ALLOW DOOR TO BE OPENED BY WHEELCHAIR FOOTREST. SEC. 11B-404.2.10.

F. PROVIDE SIGN AT MAIN EXIT DOORS INDICATING: "THIS DOOR MUST REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED" PER CBC 1010.1.9.3. ALL OTHER DOORS SHALL BE OPERABLE FROM INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.

G. ALL HOLLOW METAL DOORS STILES AND TOP RAILS SHALL BE 5" MINIMUM. (U.N.O.)

H. ALL ALUMINUM DOORS STILES AND TOP RAILS SHALL BE 5" U.N.O. ALL GLASS TYPES AND THICKNESS SHALL COMPLY WITH USC TABLE 24-A AND GRAPH 24.1

I. SEE SPECIFICATIONS FOR ADDITIONAL DOOR HARDWARE INFORMATION. REFER TO FLOOR PLANS FOR DOOR HARDWARE FUNCTION FOR REQUIREMENTS.

J. COMPLY WITH SEC. 2406 FOR REQUIRED SAFETY GLAZING.

K. DOOR, GATES, AND SIDE LIGHTS ADJACENT TO DOORS OR GATES, CONTAINING ONE OR MORE GLAZING PANELS THAT PERMIT VIEWING THROUGH THE PANELS SHALL HAVE THE BOTTOM OF AT LEAST ONE OF THE GLAZED PANEL LOCATED 43 INCHES MAXIMUM ABOVE THE FINISHED FLOOR. (PER CBC 11B-404.2.11)

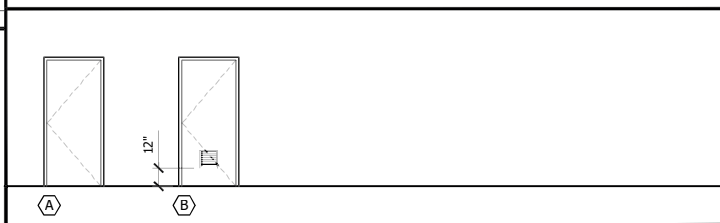
**DOOR SIGNAGE LEGEND:**

S1 - VERIFY ROOM NAME WITH OWNER  
 S2 - TOILET ROOM SIGNAGE "MEN"  
 S3 - TOILET ROOM SIGNAGE "WOMEN"  
 S4 - ACCESSIBLE ENTRANCE SIGN  
 S5 - TOILET ROOM SIGNAGE "ALL GENDER"

**DOOR ABBREVIATIONS:**

HM - HOLLOW METAL  
 PL - PLASTIC LAMINATE  
 PT - PAINT  
 AL - ALUMINUM  
 SC - SOLID CORE  
 MT - METAL  
 WD - WOOD

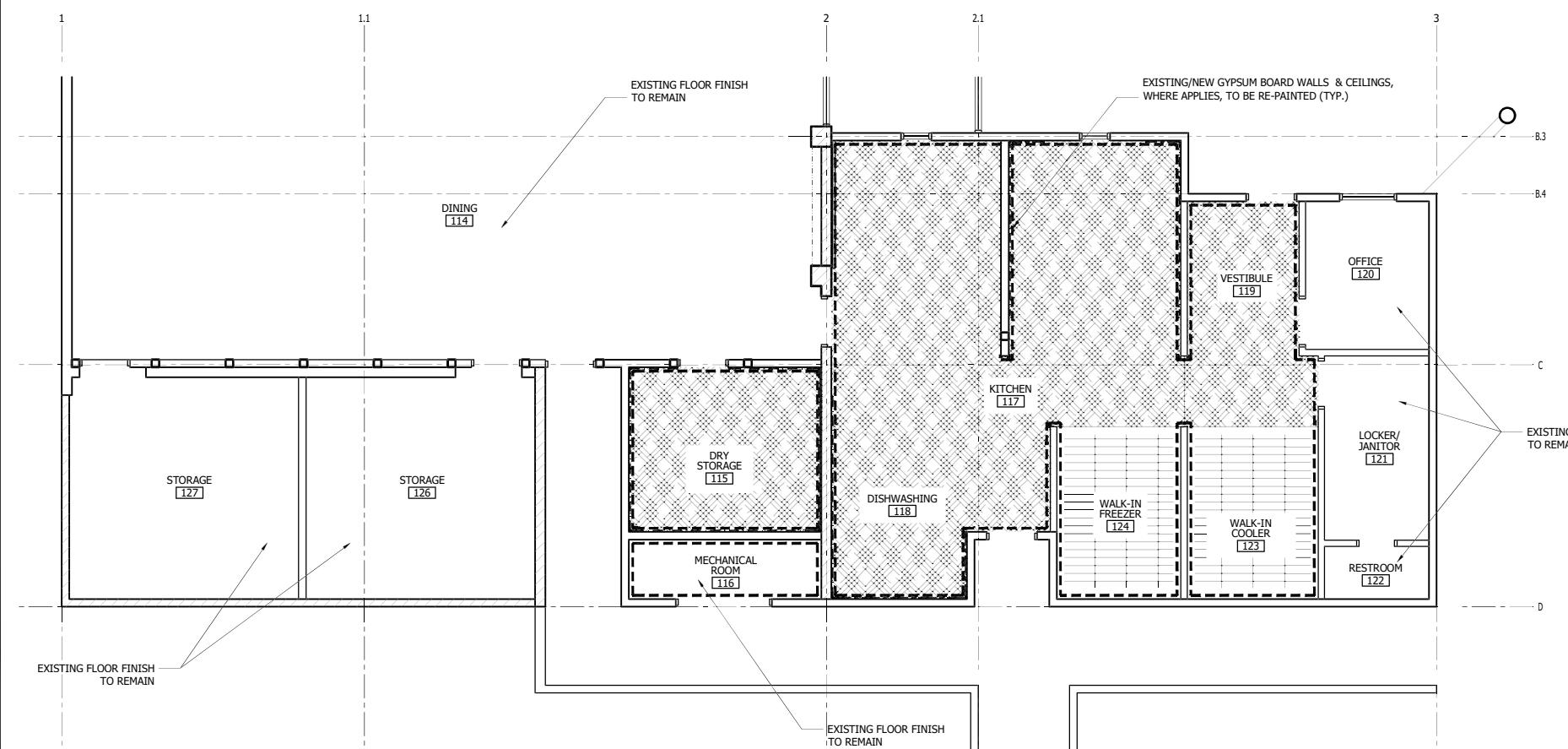
**DOOR TYPES**



- GENERAL ACCESSIBILITY NOTES:**
- EXIT DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR EFFORT. (CBC 1010.1.9)
  - THERE SHALL BE A LEVEL AND CLEAR FLOOR OR LANDING ON EACH SIDE OF DOOR. THE LEVEL AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60" AND THE LENGTH OPPOSITE THE DIRECTION OF DOOR SWING OF 48" AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN THE CLOSED POSITION. (CBC 11B-404.2.4.1)
  - MAXIMUM DOOR EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR INTERIOR DOORS, SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHEN FIRE DOORS ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MINIMUM ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS. (CBC 11B-404.2.9)
  - DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON DOORS REQUIRED TO BE ACCESSIBLE BY CHAPTER 11A OR CHAPTER 11B SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. (CBC 1010.1.9.1)
  - HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL BE 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. (CBC 11B-404.2.7 AND 11B-309.4)
  - SWINGING DOOR AND GATE SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THESE SURFACES SHALL BE WITHIN 1/16 INCH OF THE SAME PLANE AS THE OTHER AND BE FREE OF SHARP OR ABRASIVE EDGES. CAVITIES CREATED BY ADDED KICK PLATES SHALL BE CAPPED. (CBC 11B-404.2.10)
  - DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH 32 INCHES MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. (CBC 11B-404.2.3)
  - CHANGES IN LEVEL OF 1/4 INCH HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT (CBC 11B-303.2)
  - CHANGES IN LEVEL BETWEEN 1/4 INCH HIGH MINIMUM AND 1/2 INCH HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.

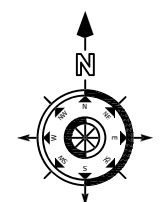
**FINISH SCHEDULE**

ROOM	FLOOR	BASE	WALLS	CEILING	LEGEND
114					SKIM COAT/PAINT
115					
116					
117					
118					
119					
120					
121					
122					
123					
124					
126					
127					



**FLOOR FINISH LEGEND**

	EPOXY FLOOR FINISH/COATING SYSTEM AND COVERED BASE
	EPOXY FLOOR/BASE FINISH/COATING SYSTEM (APPLIED AFTER WALK-IN UNIT INSTALLATION)



**01 FINISH FLOOR PLAN**  
 Scale: 3/16" = 1'-0"



**Gillis + Panichapan Architects, Inc.**  
 2500 BRISTOL STREET, COSTA MESA, CALIFORNIA 92626  
 TEL: (714) 668-4265

All Rights Reserved  
 This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of, Gillis + Panichapan Architects, Inc.

**BID SET**

JOB NO.: 4107	DATE: 12/09/21
DRAWN BY: STAFF	
CHECKED BY: LP	
SCALE: AS NOTED	

**DOOR & FINISH FLOOR SCHEDULES - F.S. 53**  
**TOWN OF YUCCA VALLEY**  
 Senior Center - Kitchen Equipment Upgrades



architecture  
planning  
interior

**G.P.A.**

Gillis + Panichapan Architects, Inc.  
2900 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
PAX (714) 668-4285 SUITE G-205 TEL (714) 668-4286

This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of Gillis + Panichapan Architects, Inc.

**BID SET**

DATE: 12/08/21
JOB NO.: 4107
DRAWN BY: STAFF
CHECKED BY: LP
SCALE: N.T.S.

REFERENCE SHEET

**TOWN OF YUCCA VALLEY**  
Senior Center - Kitchen Equipment Upgrades

**A-6.1**

# FOR REFERENCE ONLY

**BARMANIAN WOLFE LANG CHRISTOPHER ARCHITECTS**



CONSULTANT  
**L.M.A.D.**  
MECHANICAL & ELECTRICAL

APPROVED

APPROVED

NO	DATE	BY	REVISION	REMARKS

SCHEDULE, 1/4" PLANS

DRAWN: **M-2**  
CHECKED: **CAJ**  
DATE: **12/08/21**  
SCALE: AS SHOWN  
JOB NO. **03-034**

### EQUIPMENT SCHEDULE

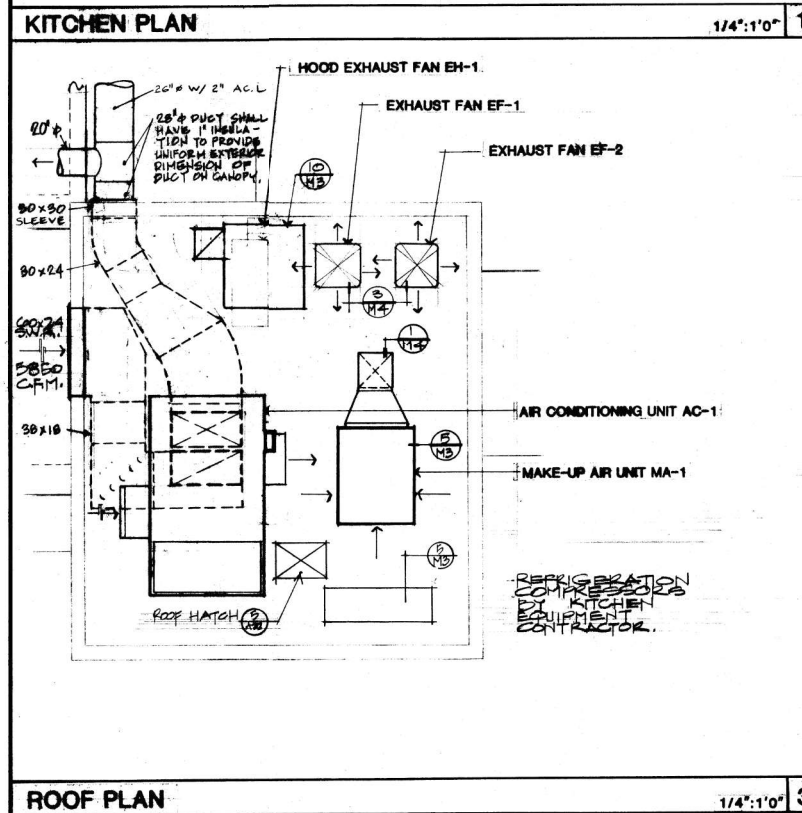
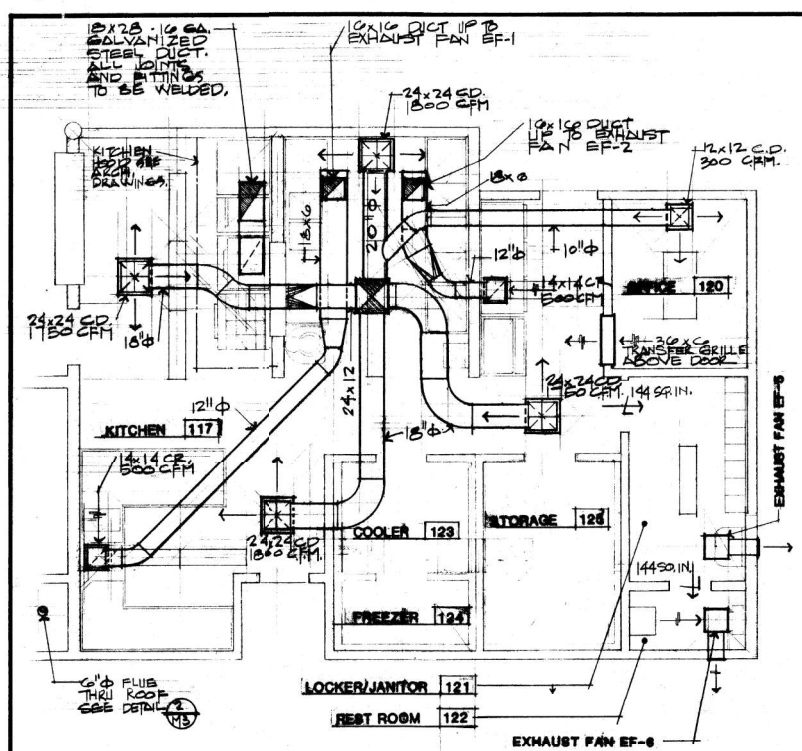
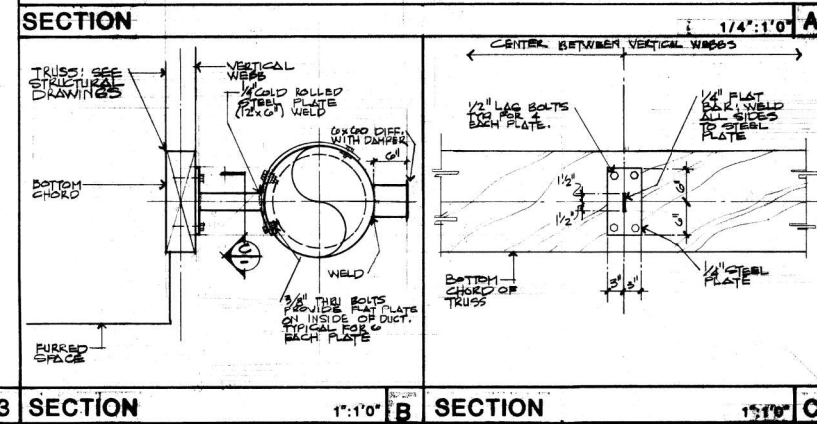
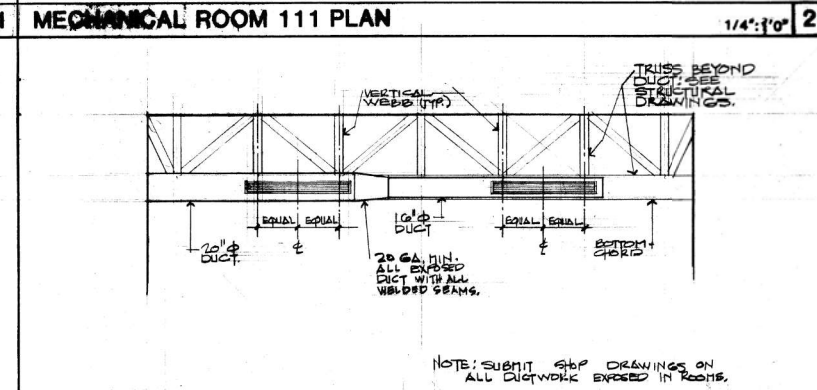
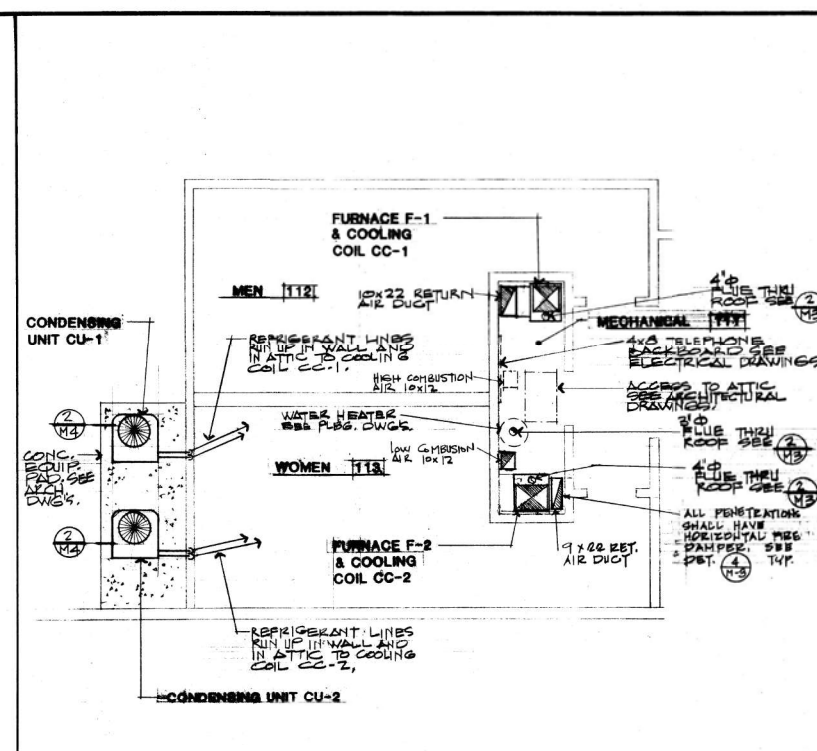
**SYSTEM 1**  
AIR CONDITIONING UNIT AC-1  
"LENNOX" GCSS-1853-275, 275,000 BTU/HR INPUT, 206,250 BTU/HR OUTPUT HEATING CAPACITY, 175,500 BTU/HR COOLING CAPACITY @15%, ENTERING CONDENSER COIL AND 62.0° W.B./78.0° D.B., ENTERING EVAPORATOR COIL, 208 VOLT - 3 PHASE - 60 CYCLE 95.4 FULL LOAD AMPS AND 5 HORSEPOWER BLOWER MOTOR TO DELIVER 6500 CFM OF AIR AT 780 R.P.M. AND .4 INCH STATIC PRESSURE. UNIT COMPLETE WITH POWER SAVER, 3200 LBS. OPERATING WEIGHT.

**SYSTEM 2**  
FURNACE F-1  
"LENNOX" #G12 Q4E-50, 50,000 BTU/HR INPUT - 40,000 BTU/HR OUTPUT HEATING CAPACITY, 172 HORSEPOWER, 120 VOLT - 1 PHASE - 60 CYCLE BLOWER MOTOR TO DELIVER 1265 C.F.M. OF AIR AT .40 INCH STATIC PRESSURE.  
COOLING COIL CC-1  
"LENNOX" #CS-620FF  
CONDENSING UNIT CU-1  
"LENNOX" #HS14-413V, 9.6 EER, 3690 TOTAL UNIT WATTS, 35,400 BTU/HR COOLING CAPACITY AT HIGH SPEED, 208 VOLT - 3 PHASE - 60 CYCLE 111.8 FULL LOAD AMPS.

**SYSTEM 3**  
FURNACE F-2  
"LENNOX" #G12 Q4E-50, 1000 C.F.M. (TYPICAL TO F-1)  
COOLING COIL CC-2  
"LENNOX" #CS-620FF  
CONDENSING UNIT CU-2  
"LENNOX" #HS14-413V. (TYPICAL TO CU-1)

**KITCHEN EXHAUST SYSTEM**  
HOOD EXHAUST EH-1  
"BRIDGEMAN" LG-SET LG-3055 6200 C.F.M. @ .5" EXTERNAL STATIC PRESSURE, R.P.M. 1450 TIP SPEED, 1-1/2" MOTOR HORSEPOWER 1.51 MAX B.H.P., COMPLETE WITH PRE-FAB CURB, VERTICAL DISCHARGE ELBOW AND BIRD SCREEN.  
MAKE-UP AIR UNIT MA-1  
"ESSICK" #A00, 7400 C.F.M. OF AIR AT .4 INCH STATIC PRESSURE, 625 R.P.M. AND 40" TEMPERATURE RISE, 3 HORSEPOWER 208 VOLT 3 - PHASE - 60 CYCLE BLOWER MOTOR 9.4 FULL LOAD AMPS, 1000 LBS OPERATING WEIGHT, 4" EXHAUST MOTOR INPUT.  
EXHAUST FAN EF-1  
"PACE" #CRE-BF (SKYCAP), 600 C.F.M. OF AIR AT .375 EXTERNAL STATIC PRESSURE, 1286 R.P.M., 1600 F.P.M., 175 HORSEPOWER 120 VOLT - 1 PHASE - 60 CYCLE BLOWER MOTOR COMPLETE WITH STANDARD CURB AND BIRD SCREEN.  
EXHAUST FAN EF-2  
"PACE" #CRE-BF (SKYCAP) (TYPICAL TO EF-1)

**TOILET ROOM EXHAUST FANS**  
EXHAUST FAN EF-3  
"PACE" #DD-450G, 400 C.F.M. OF AIR AT .20 INCH STATIC PRESSURE 1710 HORSEPOWER 120 VOLT - 1 PHASE - 60 CYCLE BLOWER MOTOR, WITH STYLE R0 FACE PLATE.  
EXHAUST FAN EF-4  
"PACE" #DD-450G, (TYPICAL TO EF-3)  
EXHAUST FAN EF-5  
"PACE" #DD-200G, 130 C.F.M. OF AIR AT .20 INCH STATIC PRESSURE 1730 HORSEPOWER 120 VOLT - 1 PHASE - 60 CYCLE BLOWER MOTOR, WITH STYLE R0 FACE PLATE.  
EXHAUST FAN EF-6 & EF-7  
"PACE" #DD-200G, (TYPICAL TO EF-5)



1/4"=1'0" 1

1/4"=1'0" 2

1/4"=1'0" 3

SHEAR WALL SCHEDULE		
WALL DESCRIPTION	ANCHORAGE HOLDDOWN	REINFORCING
DELTA WALL ON INTERIOR SIDE OF EXISTING WALLS	AS PER DETAIL	NO. 5 @ 12" E. & W. ENDS
DELTA WALL ON EXTERIOR SIDE OF EXISTING WALLS	AS PER DETAIL	NO. 5 @ 12" E. & W. ENDS
DELTA WALL ON INTERIOR SIDE OF EXISTING WALLS	AS PER DETAIL	NO. 5 @ 12" E. & W. ENDS
DELTA WALL ON EXTERIOR SIDE OF EXISTING WALLS	AS PER DETAIL	NO. 5 @ 12" E. & W. ENDS
DELTA WALL ON INTERIOR SIDE OF EXISTING WALLS	AS PER DETAIL	NO. 5 @ 12" E. & W. ENDS
DELTA WALL ON EXTERIOR SIDE OF EXISTING WALLS	AS PER DETAIL	NO. 5 @ 12" E. & W. ENDS
DELTA WALL ON INTERIOR SIDE OF EXISTING WALLS	AS PER DETAIL	NO. 5 @ 12" E. & W. ENDS
DELTA WALL ON EXTERIOR SIDE OF EXISTING WALLS	AS PER DETAIL	NO. 5 @ 12" E. & W. ENDS
DELTA WALL ON INTERIOR SIDE OF EXISTING WALLS	AS PER DETAIL	NO. 5 @ 12" E. & W. ENDS
DELTA WALL ON EXTERIOR SIDE OF EXISTING WALLS	AS PER DETAIL	NO. 5 @ 12" E. & W. ENDS

FOOTING SCHEDULE		
FTG. SIZE	THICKNESS	REINFORCING
1. 3'-0" x 3'-0"	15"	3-#4 @ 12" WAYS
2. 3'-0" x 3'-0"	15"	4-#4 @ 12" WAYS
3. 4'-0" x 4'-0"	15"	4-#4 @ 12" WAYS

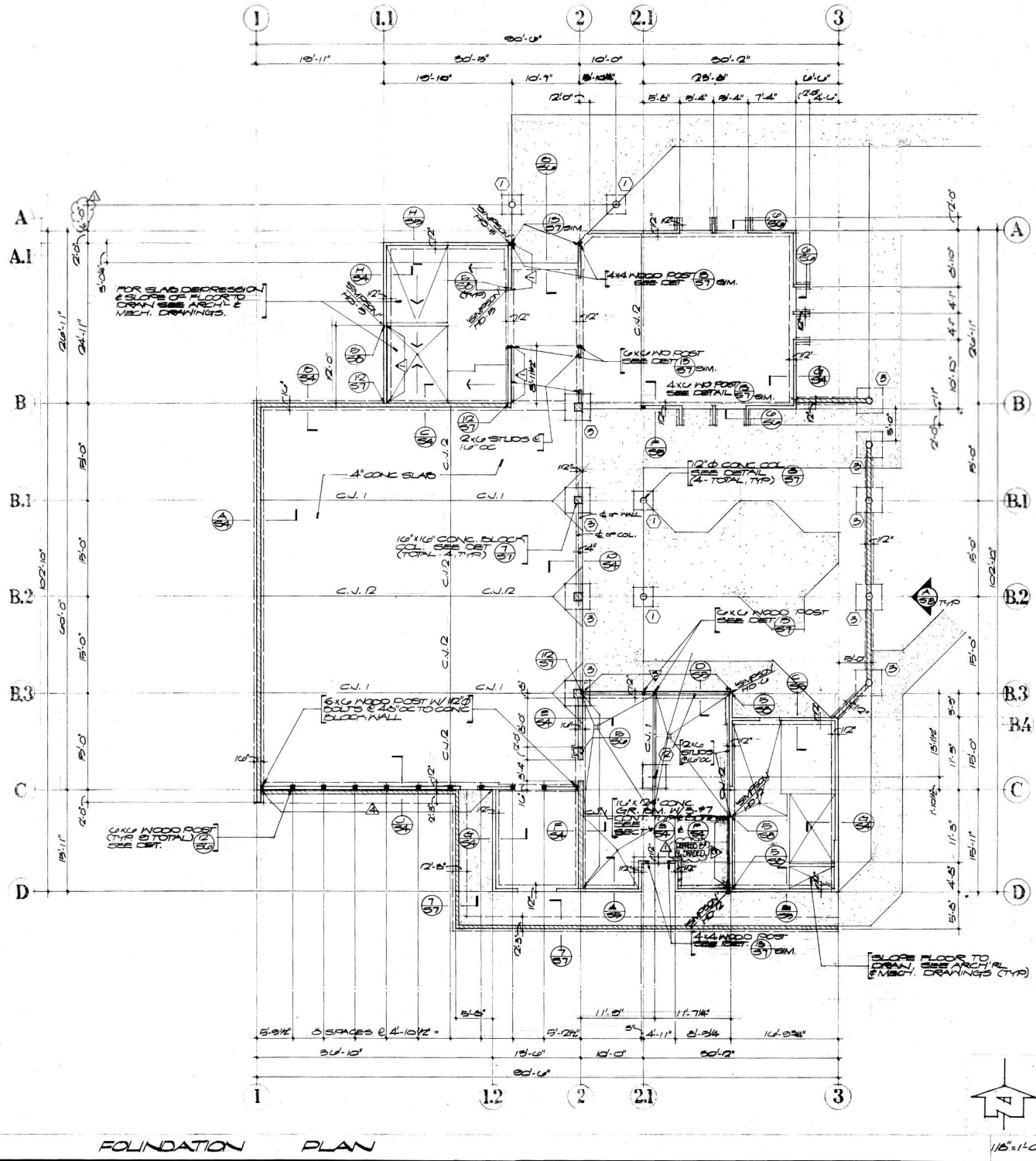
**FOUNDATION NOTES**

- PRIOR TO POURING CONCRETE, THE FOUNDATION EXCAVATIONS SHALL BE INSPECTED BY THE BUILDING DEPARTMENT INSPECTOR.
- SEE ARCHITECTURAL DRAWINGS FOR ALL SITE WORK.
- ALL SLEEVES BELOW FOOTINGS MUST BE POURED-IN-PLACE PRIOR TO POURING FOOTINGS.
- ALL ELECTRICAL AND PLUMBING LOCATIONS MUST BE VERIFIED WITH THE OWNER PRIOR TO POURING SLAB.
- FOR INTERIOR FLOOR SLAB DEPRESSIONS, FLOOR DRAINS, ETC. SEE ARCHITECTURAL DRAWINGS PRIOR TO POURING SLAB.
- ALL ELECTRICAL, PLUMBING AND OTHER UNDERGROUND WORK SHALL CONFORM TO DETAIL (S1).
- STEP FOOTINGS AS REQUIRED AS PER DETAIL (S2).
- PROVIDE INTERIOR SLAB CONTROL JOINTS AS PER DETAIL (S3).
- NO WOOD OR STEEL STAKES SHALL BE PERMITTED IN FOOTINGS.
- INDICATES FOOTING PAD; FOR SIZE AND REINFORCING REQUIRED, SEE FOOTING SCHEDULE ON THIS SHEET.
- ALL SITE PREPARATION, EXCAVATION AND COMPACTION SHALL BE DONE UNDER THE SUPERVISION OF THE SOILS ENGINEER.

**FRAMING NOTES**

- FOR SIZE AND LOCATION OF ROOF OPENINGS, SEE ARCHITECTURAL AND MECHANICAL DRAWINGS.
- ALL STEEL EXPOSED TO WEATHER SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.
- ROOF TRUSS FABRICATOR SHALL SUBMIT FRAMING LAYOUT, DETAILS AND CALCULATIONS OF THE PROPOSED SYSTEM TO THE STRUCTURAL ENGINEER FOR REVIEW, AND TO THE BUILDING DEPARTMENT FOR APPROVAL. PRIOR TO THE FABRICATION, THE FRAMING LAYOUT, DETAILS AND CALCULATIONS SHALL BE SIGNED BY A CALIFORNIA REGISTERED CIVIL OR STRUCTURAL ENGINEER.
- ROOF TRUSS FABRICATOR SHALL VERIFY THE EXACT SIZE, WEIGHT, AND LOCATION OF ALL MECHANICAL EQUIPMENT. DETAILS SHALL BE SUBMITTED FOR THE METHOD OF SUPPORT FOR THE ADDITIONAL LOAD.
- FOR ROOF TRUSS DESIGN: ROOF DEAD LOAD IS  $15 \text{ PSF}$  AND LIVE LOAD IS  $15 \text{ PSF}$ .
- FOR ROOF OPENING SEE DETAIL (S4).
- FOR TOP PLATES SPLICE, SEE DETAIL (S5).



**B BARMAKIAN  
WOLFF\*LANG  
CHRISTOPHER  
ARCHITECTS**



**Yucca Valley Senior Center**

APPROVED

APPROVED

NO.	DATE	BY	REVISION	REMARKS
1	9-24-81	RESEARCH	RECORD DRAWING	

FOUNDATION PLAN

DRAWN	RESEARCH
CHECKED	
DATE	9-24-81
SCALE	AS NOTED
JOB NO.	

**S-2**

**FOR REFERENCE ONLY**



**G.P.O.**  
architecture  
planning  
interior

**Gillis + Panichapan Architects, Inc.**  
2900 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
FAX (714) 668-4285 SUITE G-205 TEL (714) 668-4280

This document and the structure depicted herein are the copyrighted property of and may not be reproduced in any form without express written permission of Gillis + Panichapan Architects, Inc.

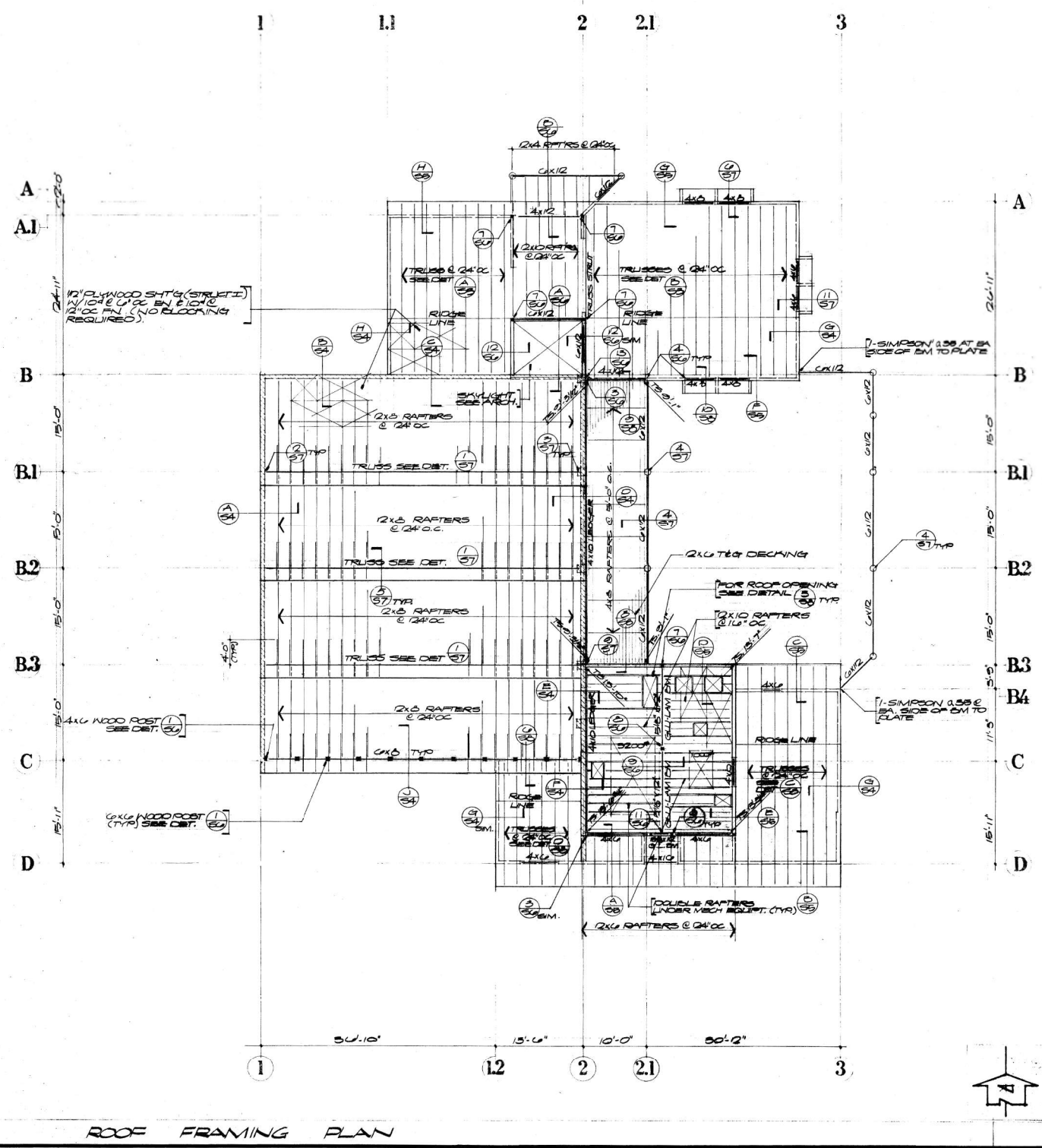
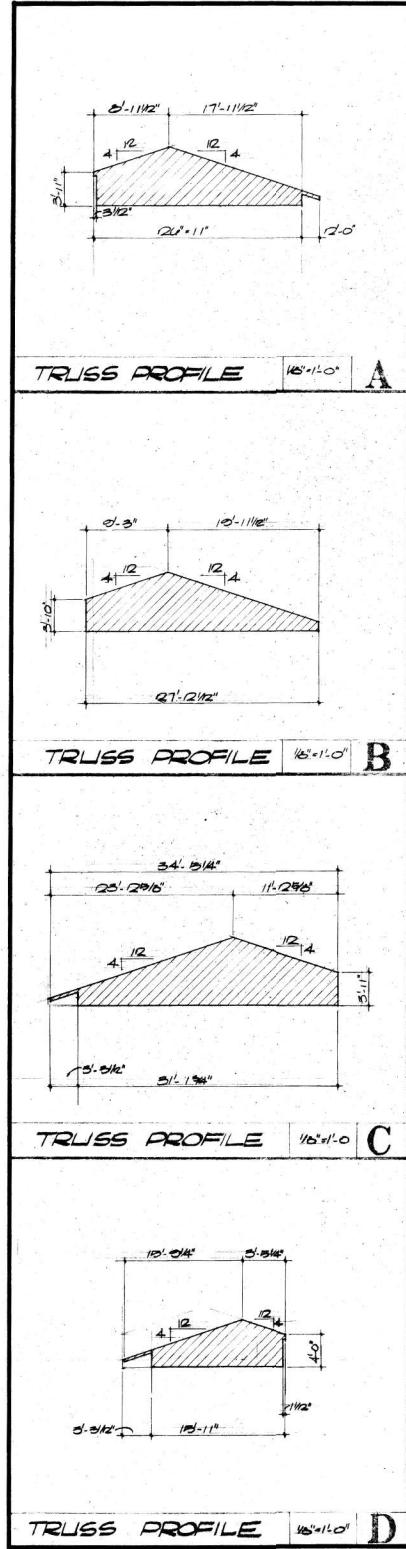
**BID SET**

JOB NO.: 4107	DATE: 12/08/21
DRAWN BY: STAFF	
CHECKED BY: LP	
SCALE: N.T.S.	

**REFERENCE SHEET**

**TOWN OF YUCCA VALLEY**  
Senior Center - Kitchen Equipment Upgrades

**A-6.2**



**B. WOLFF + L. LANG**  
**ARCHITECTS**

101 ARCHCENTER 925 ARCHIBALD - RANCHO CUCAMONGA - CALIFORNIA 91730 714-987-0969



**Yucca Valley Senior Center**

**E. S. LEUNG**  
 Structural Engineer, Inc.  
 2251 ARCHIBALD AVE. SUITE 207  
 RANCHO CUCAMONGA, CA 91730  
 (714) 980-3744

APPROVED	APPROVED
NO DATE BY REVISION REMARKS	
ROOF FRAMING PLAN	
DRAWN PCH	S-3
CHECKED	
DATE 9-24-81	
SCALE AS NOTED	
JOB NO	

**FOR REFERENCE ONLY**



**G.P.A.**  
 Gillis + Panichapan Architects, Inc.  
 2900 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
 FAX (714) 668-4265 SUITE G-205 TEL (714) 668-4260

This document and the structure depicted herein are the copyrighted property of and may not be reproduced in any form without express written permission of Gillis + Panichapan Architects, Inc.

**BID SET**

JOB NO.: 4107	DATE: 12/08/21
DRAWN BY: STAFF	
CHECKED BY: LP	
SCALE: N.T.S.	

REFERENCE SHEET  
**TOWN OF YUCCA VALLEY**  
 Senior Center - Kitchen Equipment Upgrades

**A-6.3**



architecture  
planning  
interior

**Gillis + Panichapan Architects, Inc.**  
2900 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
PAX (714) 668-4265 SUITE G-205 TEL (714) 668-4260

Gillis + Panichapan Architects, Inc.  
All Rights Reserved  
This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of, Gillis + Panichapan Architects, Inc.

BID SET

JOB NO.: 4107	DATE: 12/08/21
DRAWN BY: STAFF	
CHECKED BY: LP	
SCALE: N.T.S.	

REFERENCE SHEET

TOWN OF YUCCA VALLEY  
Senior Center - Kitchen Equipment Upgrades

A-6.4

FOR REFERENCE ONLY

**BARMAKIAN  
WOLFF+LANG  
CHRISTOPHER  
ARCHITECTS**

101 ARCHCENTER 8025 ARCHBOLD MANHATTAN CALIFORNIA 91760 714-967-9999



CONSULTANT  
**MAAD**  
ENGINEERS, ARCHITECTS & INTERIORS  
1000 WEST 10TH AVENUE SUITE 1000 DENVER, CO 80202

APPROVED

APPROVED

NO.	DATE	BY	REVISION	REMARKS
1	12-15-21	MAAD	REVISED DRAWINGS	

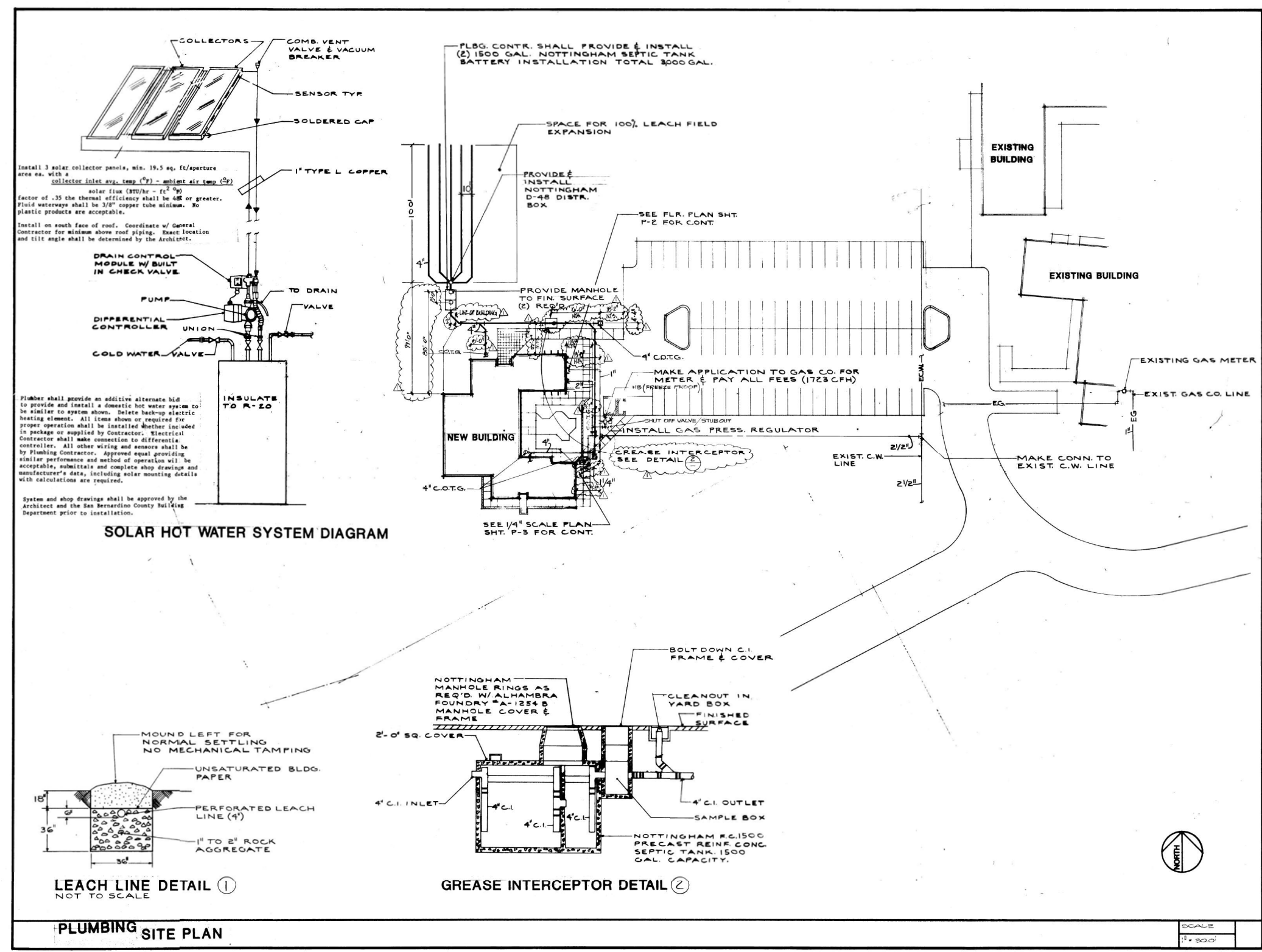
PLUMBING SITE PLAN

DRAWN  
CHECKED  
DATE 1-24-21  
SCALE 1"=30'0"  
JOB NO. 81-052

P-1



SCALE  
1" = 30'



SYMBOLS	
S. or M.	SOIL OR MISTE
V.	SMITARY VENT
C.W.	COLD WATER
H.W.	HOT WATER
G.	FUEL GAS
E.S.	EXISTING SOIL OR MISTE
E.W.	EXISTING COLD WATER
E.G.	EXISTING FUEL GAS
G.V.	GATE VALVE
S.O.V.	SHUT-OFF VALVE ON RISER OR DROP
C.V.	CHECK VALVE
U.	UNION
H.B.	HOSE BIRM
F.C.O.	FLOOR CLEAINT
C.O.T.G.	CLEARANCE TO GRADE
M.C.O.	WALL CLEAINT
P.T.	PLUNGED "TEE"
F.O.	FLOOR DRAIN
C.L.	CAPPED LINE
P.T.	PLUNGED "TEE" (W/PIPPLE & CAP)
UP	RISE
DR.	DROP OR DOWN
ABV.	ABOVE
A.P.	ACCESS PANEL
BEL.	BELOW
C.I.	CAST IRON
C.G.	CONNECT OR CONNECTION
CONT.	CONTINUATION
CONTR.	CONTRACTOR
ELEV.	ELEVATION
FIN.	FINISH
F.F.E.	FINISH FLOOR ELEVATION
FL.	FLOOR
GR.	GRADE
HEAT.	HEATING
J.E.	JOB ELEVATION
LOC.	LOCATION
N.I.P.C.	NOT IN PLUMBING CONTRACT
TYP.	TYPICAL
V.T.R.	VERT THROUGH ROOF
V.C.P.	VERTIFIED CLAY PIPE
Y.B.	YARD BOX
HEAT.	HEATER
P.O.C.	POINT OF CONNECTION
M.N.A.	WATER MINDER ARRESTER
D.S.	DOWNSPOUT
O.D.	OVERFLOW DRAIN
S.D.	STORM DRAIN
MPG	MEDIUM PRESSURE GAS

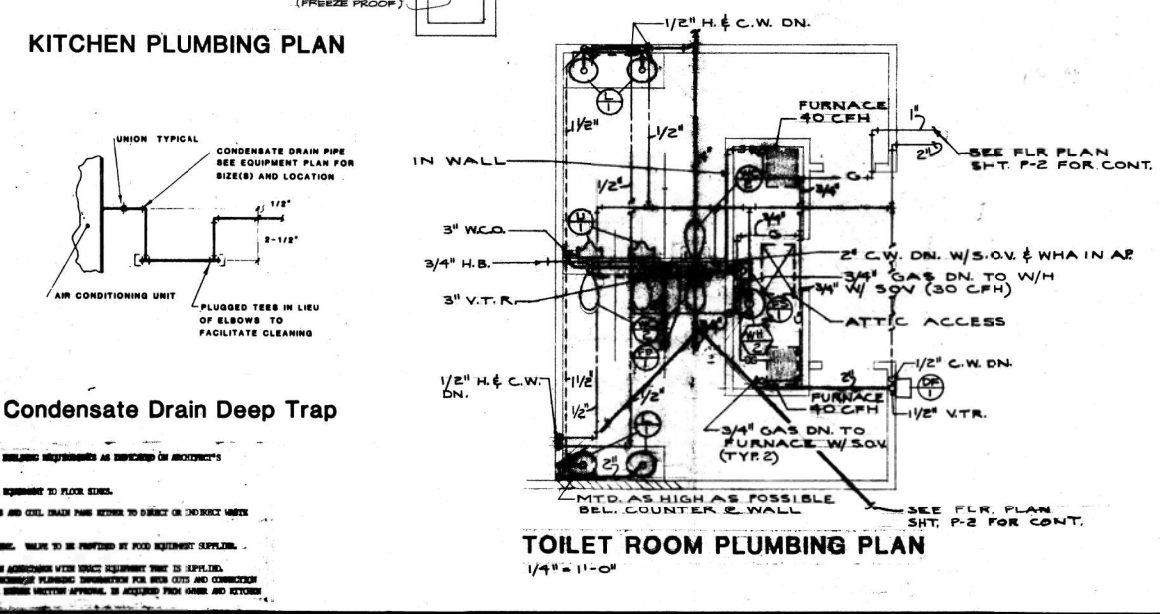
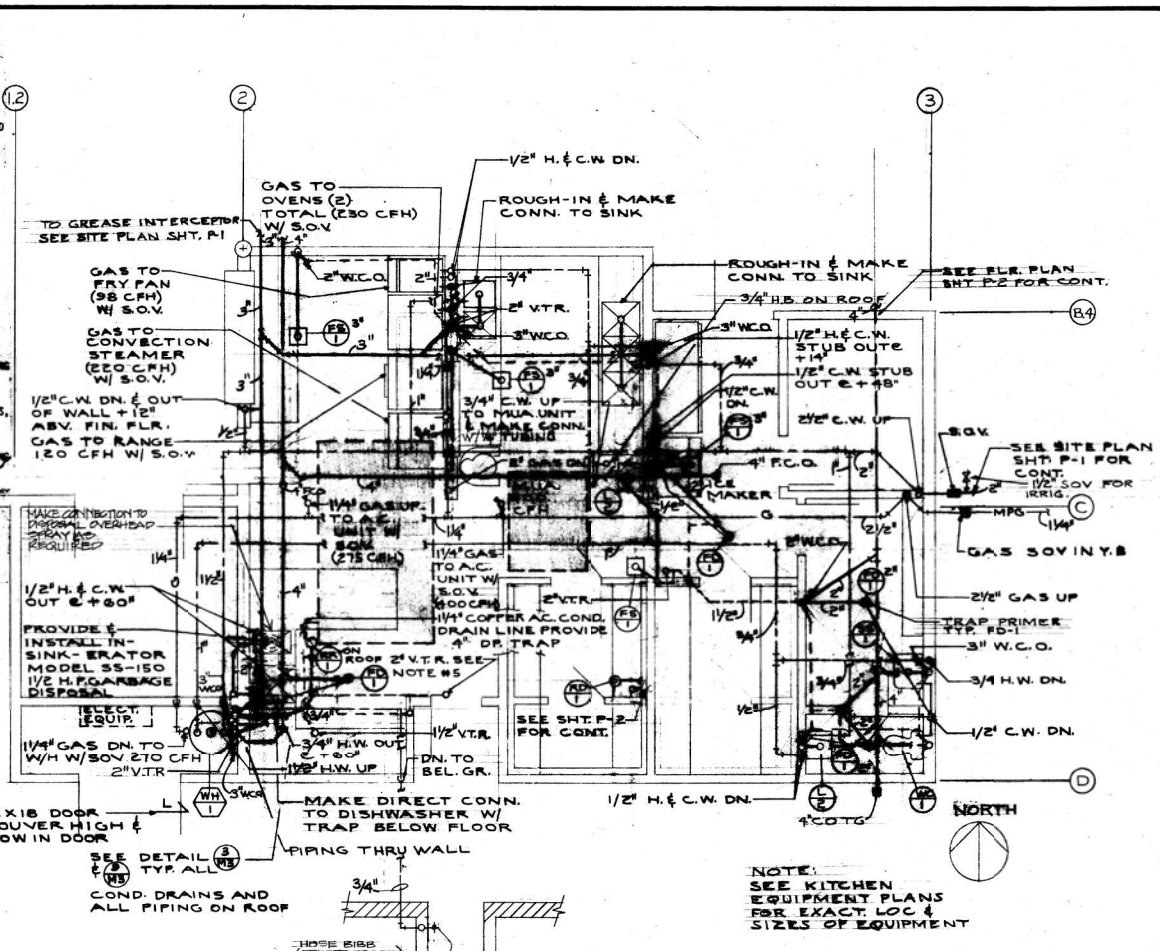
  

FIXTURE SCHEDULE	
4"	FLOOR MTD. TANK TYPE WATER CLOSET
2"	FLOOR MTD. URINAL
2"	COUNTER MTD. LAVATORY
2"	WALL HUNG LAVATORY
3"	FLOOR SINK
2"	FLOOR DRAIN W/ TRAP PRIMER
4"	BLK. MTD. FLUSH VALVE WATER CLOSET
3"	ROOF DRAIN
3"	ROOF DRAIN
3"	SERVICE SINK

EQUIPMENT SCHEDULE	
100	GAS WATER HTR. A.G. SMITH BT-270-A 100 GAL. CAP. 270,000 BTU/HR GAS INPUT TO RECOVER 27 GPH @ 100°F. TEMP. RISE OPERATING WEIGHT 1433 LB.
100	GAS WATER HTR. A.G. SMITH P55-30 30 GAL. CAP. 30,000 BTU/HR GAS INPUT TO RECOVER 27 GPH @ 100°F. TEMP. RISE OPERATING WEIGHT 359 LB.
2"	A.C. CONDENSATE RECEPTOR
2"	ELECTRIC DRINKING FOUNTAIN

- GENERAL NOTES**
- CONTRACTOR SHALL VERIFY EXACT LOCATION AND DEPTH OF EXISTING LINES, LATERALS AND WYES BEFORE STARTING TRENCHING. SHOULD IT BE NECESSARY TO REROUTE LINES DUE TO CONDITIONS FOUND ON THE SITE OR IF INDICATED P.O.C. CANNOT BE MADE TO THE LINES AS FOUND, THE CONTRACTOR SHALL BEFORE CONTINUING, NOTIFY THE ARCHITECT BEFORE INSTALLING ANY WORK WHICH MAY BE AFFECTED.
  - ALL SHUT-OFF VALVES AND GAS COCK STOPS BELOW GRADE SHALL BE INSTALLED IN CONCRETE FARD BOXES WITH NAME AND SERVICE CAST IN RAISED LETTERS ON TOP OF CAST IRON COVER.
  - OFFSET PIPES AS REQUIRED TO CLEAR MECHANICAL DUCTWORK AND STRUCTURAL FOOTINGS.
  - FURNISH AND INSTALL A GATE VALVE, PLUG COCK OR STOP AT EACH PIECE OF EQUIPMENT FURNISHED BY OTHERS REQUIRING DRAIN, WASTE, WATER, GAS, ETC.
  - EXTEND ALL VENTS A MINIMUM OF 10'-0" FROM FRESH AIR INTAKES.
  - SEAL AND FLASH ALL PENETRATIONS THROUGH ROOF WATER TIGHT.
  - PROVIDE AND INSTALL NEW TEES AND WYES AT EACH GAS, WATER OR SEWER POINT OF CONNECTION.
  - UNLESS OTHERWISE NOTED, ALL UNDERGROUND SEWER, WASTE AND STORM DRAIN LINES ARE TO BE CAST IRON.
  - REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION OF ALL PLUMBING FIXTURES.
  - INTERRUPTION OF EXISTING SERVICES: CONTRACTOR'S ATTENTION IS CALLED TO THE PRESENCE OF EXISTING BUILDINGS, CONDUIT, PIPING, INSTALLATIONS, ETC. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE PROPER AND APPROVED REPAIR OF ANY AND ALL DAMAGE CAUSED BY HIM OR HIS WORK TO EXISTING BUILDINGS, PIPING, PLANTS, ETC. NEW WORK AND INSTALLATIONS SHALL BE MADE WITH MINIMAL INTERRUPTIONS OF SERVICES TO EXISTING BUILDINGS; ANY INTERRUPTIONS REQUIRED SHALL BE MADE TO MINIMIZE INCONVENIENCE TO THE OWNER AND AT TIMES AS APPROVED IN ADVANCE BY THE ARCHITECT. NEW WORK AND INSTALLATIONS SHALL NOT IMPAIR THE PROPER FUNCTIONING OF THE EXISTING FACILITY AND THE COMPLETED PROJECT SHALL BE A PROPERLY FUNCTIONING ENTITY THROUGHOUT. FURNISH ALL LABOR AND MATERIALS REQUIRED TO RELOCATE, REMOVE, REINSTALL, RECONNECT, REPLACE, ETC. ANY EXISTING PIPING TO ACCOMMODATE THE WORK. MATERIALS AS HEREBEFORE SPECIFIED UNLESS OTHERWISE APPROVED IN WRITING BY THE ARCHITECT. CONTRACTOR SHOULD CONSIDER IN HIS BID FOR ANY EXTRA WORK REQUIRED TO MINIMIZE SHUTDOWN TIME.
  - PROVIDE AN INDIVIDUAL IRON PIPE CONDENSATE DRAIN FULL SIZE OF PAN TAPPING WITH A 4" DEEP TRAP FOR EACH COOLING COIL AT EACH UNIT, AND RUN TO ROOF RECEPTOR OR FLOOR SINK. USE PLUGGED TEES IN PLACE OF ELBOWS TO FACILITATE CLEANING.
- ENERGY CONSERVATION NOTES**
- SERVICE WATER HEATING SHALL HAVE TEMPERATURE CONTROL CAPABLE TO BE SET AT A MINIMUM TEMPERATURE OF 105°F.
  - ALL SERVICE HOT WATER TO BE INSULATED WITH INSULATION RESISTANCE R=4.0 MINIMUM.
  - SHOWER HEADS, SINK AND LAVATORY FAUCET SHALL BE EQUIPPED WITH 3 G.P.M. MAXIMUM FLOW CONTROL DEVICE.
  - WATER HEATER PERFORMANCE AND EFFICIENCY TO COMPLY WITH 120-1521 OF ENERGY CONSERVATION STANDARDS.



**B. WOLFF & LANG ARCHITECTS**

**CHRISTOPHER B. ARCHITECTS**

5075 ARCHCENTER DRIVE, ARCHBOLD, RANCHO CUCAMONGA, CALIFORNIA 91730 714-987-0969

**Yucca Valley Senior Center**

CONSULTANT: *Ed H. H. H.* U.M.A.D.

APPROVED: \_\_\_\_\_

APPROVED: \_\_\_\_\_

NO DATE BY REVISION REMARKS

1/4" PLUMBING PLAN

DRAWN: \_\_\_\_\_

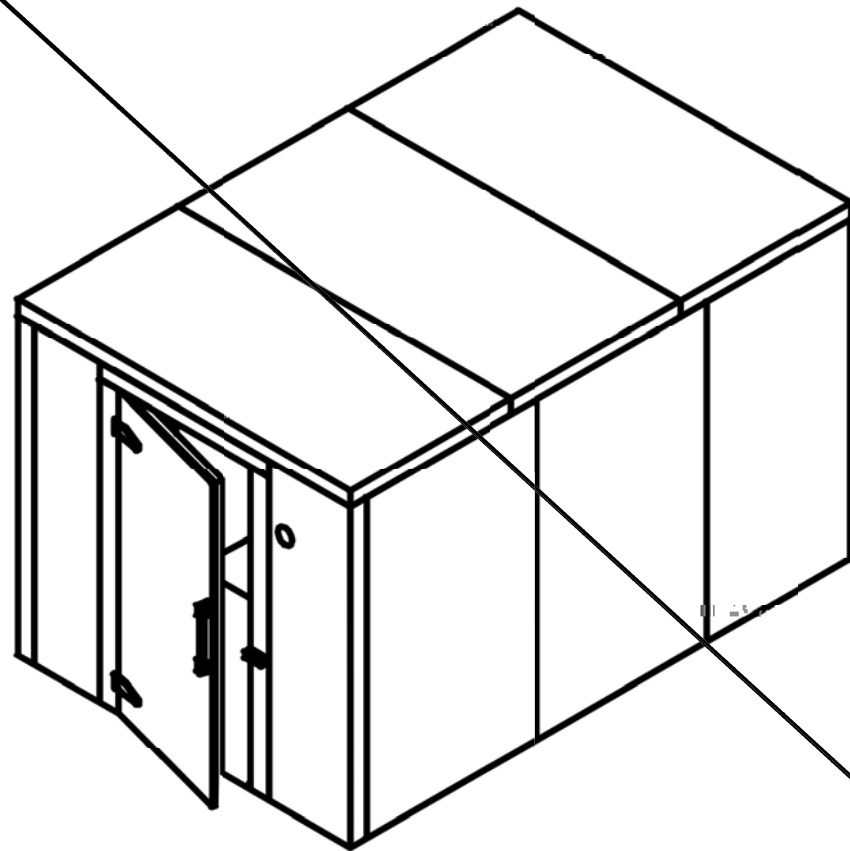
CHECKED: \_\_\_\_\_

DATE: 9-24-21

SCALE: \_\_\_\_\_

JOB NO: \_\_\_\_\_

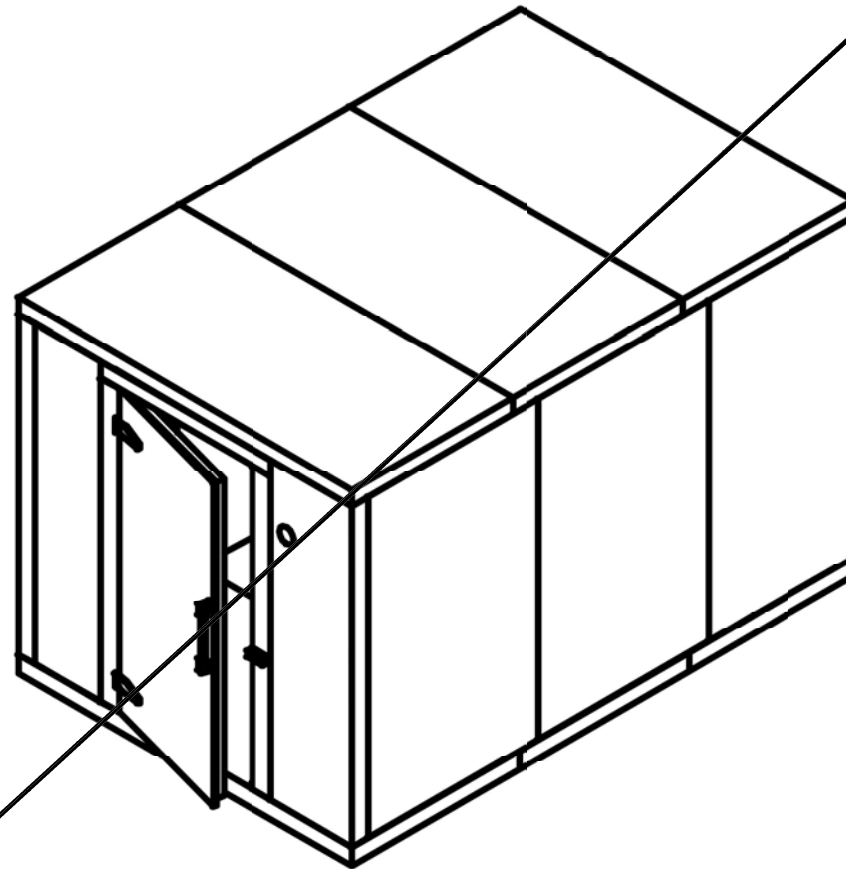
**FOR REFERENCE ONLY**



01 WALK-IN COOLER  
A-7.1 Scale : N.T.S.

BASIS OF DESIGN: U.S. COOLER

- SPECIFICATIONS:**
- U.S. COOLER MODEL NO. 525627
  - 1 FASTCOOLER STD. NOM. WALK-IN COOLER: 4" EXTRUDED POLYSTYRENE, STUCCO EMBOSSED GALVALUME 26 GAUGE EXTERIOR, STUCCO EMBOSSED GALVALUME 26 GAUGE INTERIOR, NSF APPROVED.
  - 1 DOOR, GREY VINYL SCREENING AT THE DOOR, (1) 24"X 76" MED TEMP INSIDE, WITHOUT FLOOR, VERT-ERGO HANDLE, LED LIGHT, LED THERMOMETER, SWITCH, DOOR CLOSER AND ADJUSTABLE SPRING LOADED HINGES.
  - 1 REFRIGERATION
  - 1 CONDENSING UNIT:
    - MANUFACTURER: RUSSELL
    - DESCRIPTION: PRE-ASSEMBLED REMOTE MED TEMP R448A AIR COOLED OUTDOOR CONDENSING UNIT
    - MODEL: RFH080E4SDA
    - COMPRESSOR: 3/4 HP, HERMETIC
    - EXTRAS: LIQUID LINE FILTER DRIER, SIGHT GLASS - INCLUDED
    - ELECTRICAL: 208-230/1PHASE/60HZ RLA: 6.1 MOPD: 15 MCA: 15
    - CONDITIONS: BTUH: 6170 ROOM TEMP: 35°F COND AMBIENT: 110°F
    - SIZING BOX: 5493 BTUH NEEDED FOR MAX. 10'-9 1/4"D X 7'-10"W X 7'-6"H (APPROX.)
    - ROOM CLEARANCE: DEPTH: 11'-6", WIDTH: 8'-5", HEIGHT: 8'-0"
    - SIZING PRODUCT: 920LBS OF MISC PRODUCT ENTERING AT 55°F
    - WARRANTY:
      - PARTS: 1-YEAR STANDARD MANUFACTURER
  - 1 EVAPORATOR (UNIT COOLER):
    - MANUFACTURER: RUSSELL
    - DESCRIPTION: PRE-ASSEMBLED AIR DEFROST LOW PROFILE COIL
    - MODEL: RL6A052ADA
    - EXTRAS: EXPANSION VALVE (ERVE-1/3-C), SOLENOID VALVE (E2S120) -MOUNTED
    - ELECTRICAL: 115/1PHASE/60HZ FAN AMPS: 0.8 DEFROST AMPS: 0
    - WARRANTY:
      - PARTS: 1-YEAR STANDARD MANUFACTURER
  - 1 EXTENDED 2ND-5TH YEAR REFRIGERATION WARRANTY 1/2 HP TO 1 HP COMPRESSOR ONLY
  - 1 EXTENDED REFRIGERATION WARRANTY; 1ST DAY - 1ST YEAR - 1/2 TO 1 HP LABOR ONLY



NOT A PART - TO BE PURCHASED UNDER SEPARATE CONTRACT

02 WALK-IN FREEZER  
A-7.1 Scale : N.T.S.

BASIS OF DESIGN: U.S. COOLER

- SPECIFICATIONS:**
- U.S. COOLER MODEL NO. 525662
  - WALK-IN FREEZER: 4" EXTRUDED POLYSTYRENE, STUCCO EMBOSSED GALVALUME 26 GAUGE EXTERIOR, STUCCO EMBOSSED GALVALUME 26 GAUGE INTERIOR, NSF APPROVED.
  - 1 FLOOR: 4" EXTRUDED INSULATION, 22 GAUGE STAINLESS STEEL INTERIOR, STUCCO EMBOSSED GALVALUME 26 GAUGE EXTERIOR. U.S. COOLER FLOORS ARE NOT DESIGNED FOR THE USE OF FORKLIFTS, PALLET JACKS, OR HARD WHEELED CARTS. DAMAGE CAUSED BY THIS USAGE WILL VOID THE PANEL WARRANTY
  - 1 DOOR, 34 IN. X 76 IN.; LOW TEMP INSIDE, WITH FLOOR, THRESHOLD, VERT-ERGO HANDLE, LED LIGHT, LED THERMOMETER SWITCH, DOOR CLOSURE AND ADJUSTABLE SPRING-LOADED HINGES
  - 1 PRESSURE RELIEF INSTALLED
  - 1 REFRIGERATION
  - 1 CONDENSING UNIT:
    - MANUFACTURER: RUSSELL
    - DESCRIPTION: PRE-ASSEMBLED REMOTE LOW TEMP R448A AIR COOLED OUTDOOR CONDENSING UNIT
    - MODEL: RFO250L4SDA
    - COMPRESSOR: 2-1/2 HP, SCROLL
    - EXTRAS: LIQUID LINE FILTER DRIER, SIGHT GLASS - INCLUDED
    - ELECTRICAL: 208-230/1PHASE/60HZ RLA: 14.7 MOPD: 4.5 MCA: 32
    - CONDITIONS: BTUH: 7210 ROOM TEMP: -10°F COND AMBIENT: 110°F
    - SIZING BOX: 6558 BTUH NEEDED FOR MAX. 10'-9 1/4"D X 7'-8"W X 7'-6"H (APPROX.)
    - ROOM CLEARANCE: DEPTH: 11'-6", WIDTH: 7'-9", HEIGHT: 8'-0"
    - SIZING PRODUCT: 662LBS OF MISC PRODUCT ENTERING AT 20°F
    - WARRANTY:
      - PARTS: 1-YEAR STANDARD MANUFACTURER (OPTIONAL EXTENDED PARTS)
  - 1 EVAPORATOR (UNIT COOLER):
    - MANUFACTURER: RUSSELL
    - DESCRIPTION: PRE-ASSEMBLED ELECTRIC DEFROST LOW PROFILE COIL
    - MODEL: RL6E066DDAS
    - EXTRAS: EXPANSION VALVE (ERVE-1-ZP), SOLENOID VALVE (E3S130) - MOUNTED
    - ELECTRICAL: 208-230/1PHASE/60HZ FAN AMPS: 1 DEFROST AMPS: 9.8
    - WARRANTY:
      - PARTS: 1-YEAR STANDARD MANUFACTURER
  - EXTENDED WARRANTY:
    - 1 EXTENDED 2ND-5TH YEAR REFRIGERATION WARRANTY 2 1/2 HP COMPRESSOR ONLY
    - 1 EXTENDED REFRIGERATION WARRANTY: 1ST DAY - 1ST YEAR - 2 1/2 HP LABOR ONLY

GENERAL SCOPE OF WORK:

DEFERRED SCOPE OF WORK:

UNDER SEPARATE CONTRACT:  
EPOXY FLOOR AND COVERED BASE AT BOTH WALK-IN COOLER AND WALK-IN FREEZER

COUNTY HEALTH REQUIREMENTS:

- EQUIPMENT MUST BE SPECIFICALLY CONSTRUCTED FOR COMMERCIAL USE, ANSI CERTIFIED FOR SANITATION (NSF, ITS, ETL, EPH, UL SANITATION OR CSA). DOMESTIC MODEL REFRIGERATION UNITS WILL NOT BE ACCEPTED.
- MERCHANDISER UNITS (USUALLY DISPLAY REFRIGERATORS WITH GLASS DOORS) ARE NOT APPROVED FOR OPEN FOODS, AND ARE NOT PERMITTED IN FOOD PREP AREAS.
- AN ACCURATE, READILY VISIBLE THERMOMETER LOCATED TO INDICATE THE AIR TEMPERATURE IN THE WARMEST PART OF THE UNIT (USUALLY BY THE DOOR) MUST BE PROVIDED.
- SHELVING MUST BE NONABSORBENT AND EASILY CLEANABLE. (WOOD IS NOT ACCEPTABLE) USE ONLY SHELVING AS PROVIDED BY THE MANUFACTURER TO FACILITATE AIR CIRCULATION.
- EQUIPMENT SURFACES MUST BE SMOOTH, NONABSORBENT AND EASILY CLEANABLE. ALL JOINTS MUST BE SEALED.
- CONDENSATE WASTE FROM REFRIGERATION UNITS MUST DRAIN TO A FLOOR SINK VIA AN AIR GAP. IF DESIGNED BY THE MANUFACTURER, CONDENSATE MAY DRAIN TO A PROPERLY FUNCTIONING EVAPORATOR. RAPID COOL DOWN EQUIPMENT MAY BE REQUIRED DEPENDING ON THE FOOD OPERATION.
- FLOOR SINKS, FLOOR DRAINS AND TRENCH DRAINS ARE NOT ALLOWED TO BE LOCATED INSIDE THE WALK-IN. TRENCH DRAINS CAN BE ALLOWED IMMEDIATELY OUTSIDE OF A WALK-IN COOLER DOOR.
- ALL REFRIGERATION UNITS SHALL BE LOCATED WITHIN THE FOOD FACILITY. OUTDOOR REFRIGERATION UNITS ARE NOT ACCEPTABLE UNLESS THEY OPEN DIRECTLY INTO THE FOOD FACILITY.
- A WALK-IN COOLER MAY BE REQUIRED IF THE PROPOSED MENU SUGGESTS THAT A MODERATE AMOUNT OF FOODS WILL BE COOKED AHEAD OF USE REQUIRE COOLING.
- HAVE AN INTEGRAL COVERED BASE WITH A RADIUS OF AT LEAST 3/8 INCH AT THE FLOOR/WALL JUNCTURE BOTH INSIDE AND OUTSIDE OF THE COOLER; THE FLOOR MATERIAL SHALL EXTEND UP TO A HEIGHT OF AT LEAST FOUR (4) INCHES ON THE WALLS. FOUR (4) INCH APPROVED METAL TOP SET COVING WITH A MINIMUM OF 3/8 INCH RADIUS IS ACCEPTABLE AGAINST METAL WALL SURFACES. (WOOD IS NOT AN ACCEPTABLE INTERIOR FINISH.)
- HAVE SHELVING THAT IS AT LEAST SIX (6) INCHES OFF THE FLOOR WITH SMOOTH, ROUND, METAL LEGS OR CANTILEVERED, SUSPENDED DIRECTLY FROM THE WALL, FOR EASE OF CLEANING. WOOD SHELVING IS NOT ACCEPTABLE. SHELVING SHALL BE NON-CORROSIVE AND DESIGNED TO ALLOW FOR OPTIMUM FLOW OF REFRIGERATION AIR. SMALL, EASILY MOVABLE, CASTERED DOLLIES MAY BE USED IN PLACE OF A LOWER SHELF.
- HAVE CONDENSATE WASTE DRAIN TO A FLOOR SINK VIA AN AIR GAP (BY GRAVITY FLOW). THE FLOOR SINK MUST BE LOCATED OUTSIDE THE WALK-IN REFRIGERATION UNIT AND WITHIN THE BUILDING.



G.P.O. architecture planning interior  
Gillis + Panichapan Architects, Inc.  
2900 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
PAX (714) 668-4265 SUITE G-205 TEL (714) 668-4260

This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of, Gillis + Panichapan Architects, Inc.

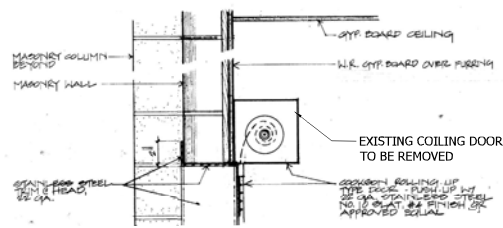
BID SET

DATE: 12/08/21
JOB NO.: 4107
DRAWN BY: STAFF
CHECKED BY: LP
SCALE: AS NOTED

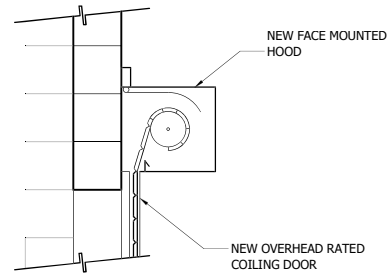
WALK-IN REFRIG. & FREEZER INFO  
TOWN OF YUCCA VALLEY  
Senior Center - Kitchen Equipment Upgrades

A-7.1





**01 HEAD @ COUNTER - EXISTING**  
A-7.2 Scale : N.T.S.

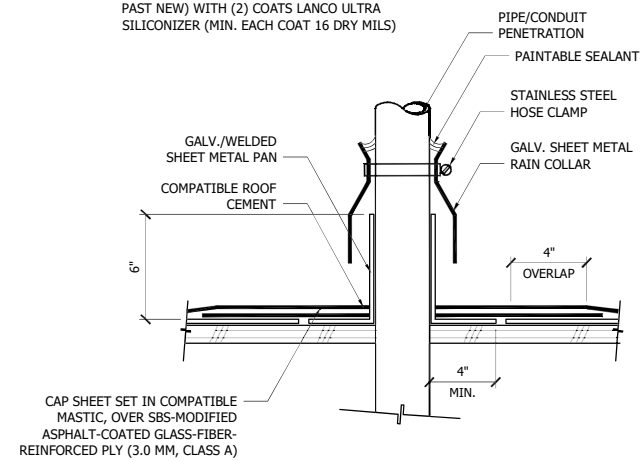


**02 HEAD @ COUNTER - PROPOSED (RATED COILING DOOR)**  
A-7.2 Scale : N.T.S.

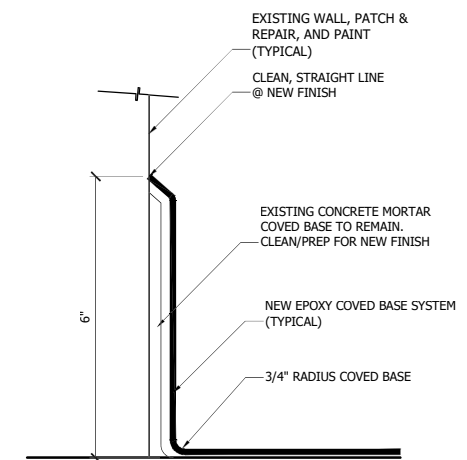
**RATED COUNTER COILING DOOR (@ CMU WALL):**  
 PROVIDE AND INSTALL RATED COUNTER COILING DOOR, 60 MINUTE RATING MIN.  
 1. MANUFACTURER: OVERHEAD DOOR, WWW.OVERHEADDOOR.COM  
 2. MODEL: 641, CLASS A, NFPA-80 COMPLIANT.  
 3. FUSIBLE LINK: 165 DEGREES FAHRENHEIT (TO AUTO CLOSE DOOR).  
 4. OPERATION: MANUAL CRANK.  
 5. FACE MOUNTED AT CMU OPENING  
 6. LOCKING (IN CLOSED POSITION ONLY): SLIDE BOLT ON SECURE SIDE  
 7. OPTIONS: CUSTOM SIZE TO MATCH PROPOSED OPENING  
 8. FINISH: STAINLESS STEEL SLAT, GUIDES AND HOOD

**NOTE:**

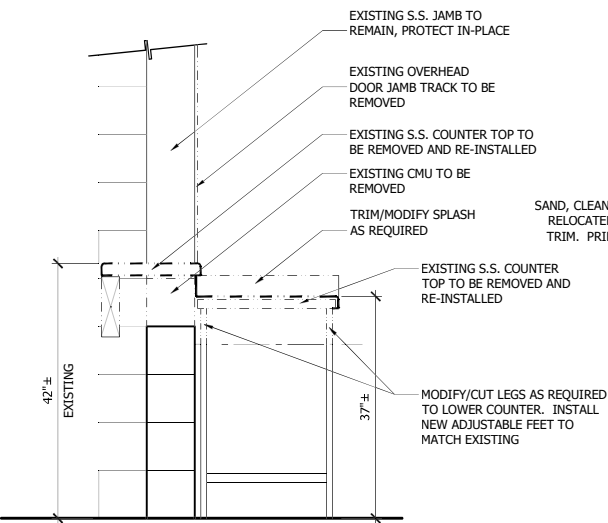
COAT ALL NEW PENETRATIONS (OUT 12" PAST NEW) WITH (2) COATS LANCO ULTRA SILICONIZER (MIN. EACH COAT 16 DRY MILS)



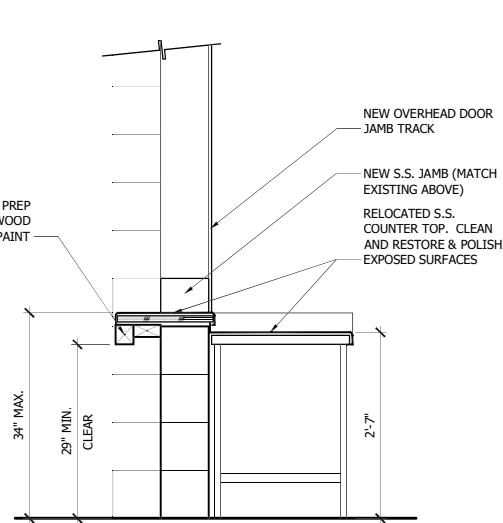
**04 FLASHING AT PENETRATION**  
A-7.2 Scale : N.T.S.



**05 PROPOSED NEW BASE/FINISH**  
A-7.2 Scale : 6" = 1'-0"



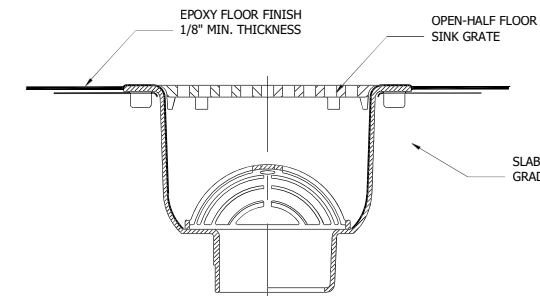
**06 SILL @ COUNTER - EX./DEMO**  
A-7.2 Scale : N.T.S.



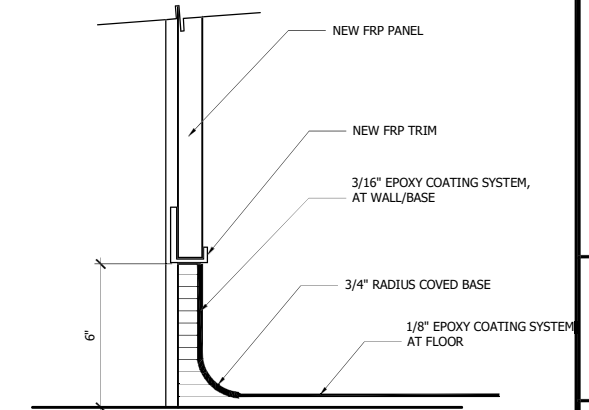
**07 SILL @ COUNTER - PROPOSED**  
A-7.2 Scale : N.T.S.

**NOTE:**

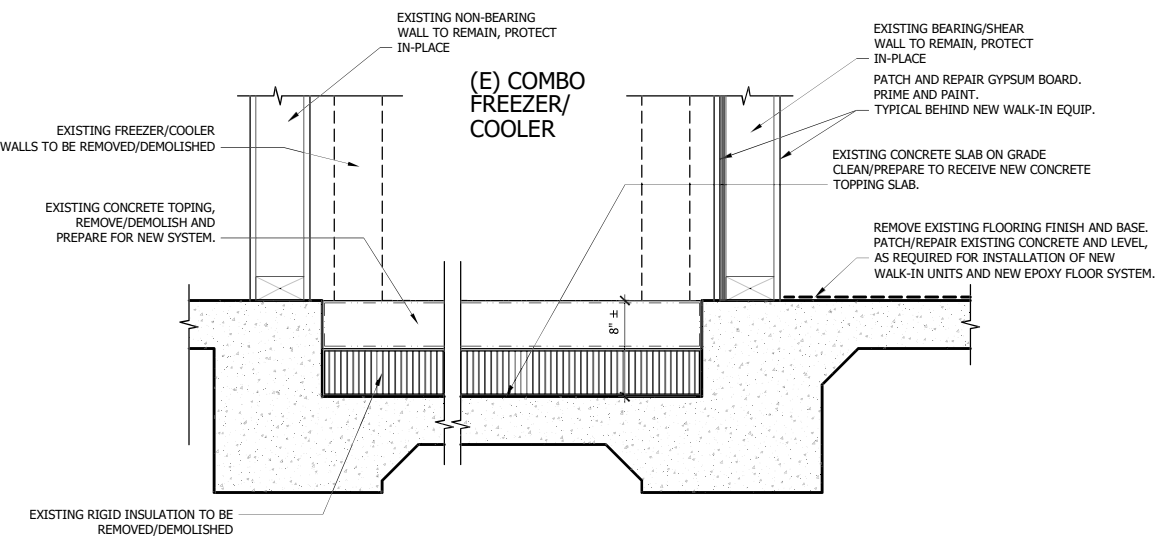
SEE DETAIL 3/P-0.2 FOR ADDITIONAL INFORMATION



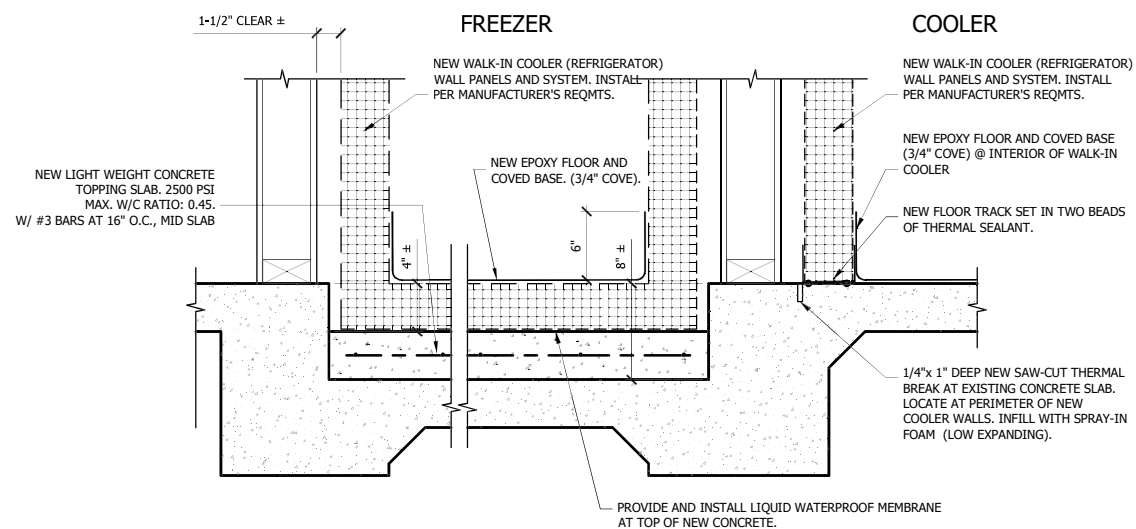
**09 FLOOR SINK**  
A-7.2 Scale : N.T.S.



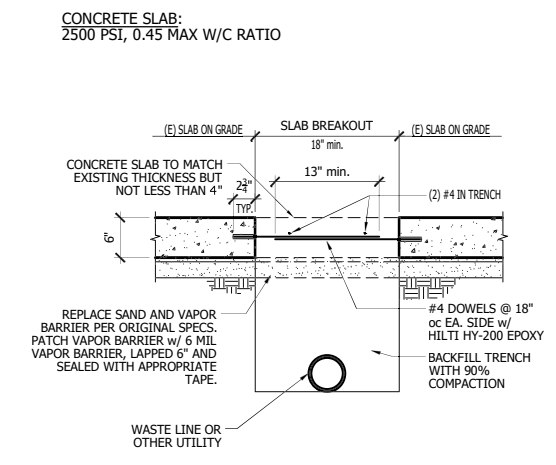
**10 PROPOSED NEW BASE/FINISH**  
A-7.2 Scale : 6" = 1'-0"



**11 SLAB - EXISTING/DEMO**  
A-7.2 Scale : 1-1/2" = 1'-0"



**13 SLAB - PROPOSED**  
A-7.2 Scale : 1-1/2" = 1'-0"



**15 SLAB REPLACEMENT @ UTILITY TRENCH**  
A-7.2 Scale : N.T.S.



architecture  
planning  
interior  
**G.P.O.**  
Gillis + Panichapan Architects, Inc.  
2900 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
PAX (714) 668-4265 SUITE G-205 TEL (714) 668-4260

This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of, Gillis + Panichapan Architects, Inc. All Rights Reserved.

**BID SET**

JOB NO.: 4107	DATE: 12/08/21
DRAWN BY: STRIF	
CHECKED BY: LP	
SCALE: AS NOTED	

**DETAILS**  
TOWN OF YUCCA VALLEY  
Senior Center - Kitchen Equipment Upgrades

**A-7.2**

SYMBOLS LIST

**F** FIRE ALARM PULL STATION. MOUNT AT +48 INCHES UNLESS OTHERWISE NOTED.

**F** FIRE ALARM PULL STATION, VISUAL STROBE LIGHT AND HORN. MOUNT PULL STATION AT +48 INCHES. MOUNT HORN AND LIGHT AT +80 INCHES ABOVE HIGHEST FLOOR LEVEL IN ROOM OR 6 INCHES BELOW CEILING, WHICHEVER IS LOWER. VISUALS SHALL BE 30 CANDELA (75 CD ON AXIS) U.N.O. 15 CD OR 110 CD DEVICES SHALL BE PROVIDED AS PER NFPA 72.

**FATC** FIRE ALARM TERMINAL CABINET.

**FACP** FIRE ALARM CONTROL PANEL, "FACP". REFER TO SPECIFICATIONS.

**SD** PHOTOELECTRIC TYPE SMOKE DETECTOR MOUNTED ON CEILING OR WALL PER DRAWINGS. ASTERISK (\*) ADJACENT INDICATES RELAY BASED AND LISTED FOR DOOR CONTROL.

— CONDUIT RUN, CONCEALED IN CEILING, WALLS OR UNDER FLOORS.

----- CONDUIT RUN EXPOSED.

----- CONDUIT RUN UNDERGROUND.

--- CONDUIT STUBBED OUT AND CAPPED. PULL LINE IN PLACE.

AIC "AMPERES INTERRUPTING CAPACITY"

RMS "ROOT MEAN SQUARED"

KW "KILOWATT"

KVA "KILOVOLT - AMPERES"

V "VOLTS"

A "AMPS"

WP WEATHERPROOF, NEMA 3R

KWH KILOWATT HOURS

AFF ABOVE FINISHED FLOOR

O.C. "ON CENTER"

UNO UNLESS NOTED OTHERWISE

C.O. "CONDUIT ONLY". PROVIDE PULL ROPE FOR ALL EMPTY CONDUIT.

C. "CONDUIT", WITH CONDUCTORS AS REQUIRED BY DRAWINGS OR SPECIFICATIONS.

Ø PHASE

**X** REFERENCE DETAIL NUMBER. "X" INDICATES DETAIL NUMBER AND "X.X" INDICATES SHEET NUMBER.

CROSS LINES ON CONDUIT RUNS INDICATE NUMBER OF #10 CURRENT CARRYING CONDUCTORS CONTAINED THEREIN. TWO #10 AND ONE #10 GROUND WIRE ARE INDICATED WHEN CROSS LINES ARE NOT SHOWN. NUMERALS ADJACENT TO CROSS LINES ON CONDUIT RUNS INDICATE SIZE OF CONDUCTORS IN LIEU OF #10. ALL CONDUITS SHALL CONTAIN ONE GROUND WIRE SIZED PER C.E.C. TABLE 250-95, BUT NOT SMALLER THAN #10.

B-1,3 CONDUIT HOMERUN TO PANELBOARD. LETTER AND NUMERALS INDICATE ELECTRICAL PANEL AND CIRCUIT NUMBER.

— ISOLATED GROUND WIRE. RUN IN ADDITION TO REGULAR GROUND WIRE.

— SURFACE MOUNTED BRANCH CIRCUIT PANELBOARD.

— RECESSED BRANCH CIRCUIT PANELBOARD.

**P1** PANEL DESIGNATION.

— RECESSED COMMUNICATION TERMINAL CABINET. REFER TO DRAWINGS AND SPECIFICATIONS.

— SURFACE MOUNTED COMMUNICATION TERMINAL CABINET. REFER TO DRAWINGS AND SPECIFICATIONS.

⊙ JUNCTION BOX IN ACCESSIBLE CEILING SPACE OR FLUSH IN WALL WITH BLANK COVER PLATE TO MATCH DEVICE PLATES.

⊕ DUPLEX GROUNDING TYPE RECEPTACLE, 20 AMP, 125 VOLT

⊕ DUPLEX GROUND FAULT INTERRUPTING TYPE RECEPTACLE, 20 AMP, 125 VOLT

⊕ TWO DUPLEX GROUNDING TYPE RECEPTACLES IN 4S BOX, 20 AMP, 125 VOLT

**⊕** COMBINATION MAGNETIC MOTOR STARTER AND NON-FUSED DISCONNECT SWITCH.

**⊕** COMBINATION MAGNETIC MOTOR STARTER AND FUSED DISCONNECT SWITCH.

**⊕** SINGLE PHASE FRACTIONAL OR INTEGRAL HORSEPOWER MOTOR.

**⊕** TRANSFORMER, PRIMARY & SECONDARY VOLTAGE AND KVA RATING AS NOTED. TYPE AND CONFIGURATION AS SPECIFIED. PROVIDE DRY TYPE, COPPER WOUND, WALL OR BOX MOUNTED UNLESS NOTED OTHERWISE.

**⊕** EQUIPMENT WITH "E" ADJACENT IS EXISTING TO REMAIN.

**⊕** EQUIPMENT WITH "R" ADJACENT IS EXISTING TO BE COMPLETELY DISCONNECTED AND REMOVED.

**⊕** EQUIPMENT WITH "RR" ADJACENT IS EXISTING TO BE DISCONNECTED, REMOVED AND RELOCATED TO NEW LOCATION AND RECONNECTED AS REQUIRED.

**⊕** RELOCATED EQUIPMENT SHOWN IN NEW LOCATION.

**⊕** FLOOR MOUNTED COMBINATION RECEPTACLE & TELF/DATA

**⊕** HALF-SWITCHED DUPLEX RECEPTACLE

**⊕** JUNCTION BOX FLUSH IN FLOOR

100AS **⊕** NON-FUSED DISCONNECT SWITCH. "AS" INDICATES SWITCH AMPERE RATING.

100AS 60AFU **⊕** FUSED DISCONNECT SWITCH. "AS" INDICATES SWITCH AMPERE RATING. "AFU" INDICATES FUSE AMPERE RATING.

**⊕** MAGNETIC MOTOR STARTER. ROMAN NUMERAL INDICATES NEMA STARTER SIZE. ADDITIONAL SUBSCRIPTS INDICATE STARTER TYPE AND SIZE. (TYPICAL FOR ALL MAGNETIC STARTER SYMBOLS.)

NO SUBSCRIPT - FULL VOLTAGE, NON REVERSING  
 PR - PRIMARY RESISTOR REDUCED VOLTAGE  
 AT - AUTOTRANSFORMER REDUCED VOLTAGE  
 WD - WYE-DELTA REDUCED VOLTAGE  
 PW - PART WINDING REDUCED VOLTAGE  
 SS - SOLID STATE REDUCED VOLTAGE  
 REV - REVERSING TYPE  
 2S - TWO SPEED  
 2W - TWO WINDINGS  
 CH - CONSTANT HORSEPOWER  
 CT - CONSTANT TORQUE  
 VT - VARIABLE TORQUE  
 VFD - VARIABLE FREQUENCY DRIVE

**⊕** LOW VOLTAGE DIMMER SWITCH (SAME ABBREVIATIONS APPLY AS ABOVE)

**⊕** MOLDED CASE CIRCUIT BREAKER. "AF" INDICATES AMPERE FRAME, "AT" INDICATES AMPERE TRIP RATING AND NUMBER OF POLES AS INDICATED. SUBSCRIPT INDICATES TYPE.

NO SUBSCRIPT THERMAL MAGNETIC  
 NA NON-AUTOMATIC  
 MO MAGNETIC ONLY  
 CL CURRENT LIMITING  
 SS SOLID STATE  
 EM ELECTRONIC METERING PACKING

← → DRAW-OUT TYPE CIRCUIT BREAKER.

**⊕** FUSED SWITCH. "AS" INDICATED AMPERE SWITCH RATING, "AFU" INDICATES AMPERE FUSE RATING, NUMBER OF POLES AS INDICATED.

**⊕** VOLTAGE TRANSFORMER. FLOOR MOUNTD, COPPER WOUND, DRY TYPE UNLESS SPECIFIED OTHERWISE.

**⊕** CURRENT TRANSFORMERS, "C.T.s"

**⊕** POTENTIAL TRANSFORMER, "P.T.s"

**⊕** UTILITY METER SOCKET, WITH C.T.s, CLIPS, ETC., PER SERVING UTILITY COMPANY.

— GROUND, "GRD".

**⊕** "GROUND FAULT INTERRUPTER"

**⊕** GROUND FAULT PROTECTION DEVICE.

**⊕** GROUND FAULT SENSOR.

— TELEPHONE TERMINAL BACKBOARD "TTB". 3/4 INCH SANDED AND PAINTED CPX PLYWOOD, 4' X 8' UNLESS NOTED OTHERWISE.

◀ WALL MOUNTED COMBINATION VOICE/DATA OUTLET. SINGLE GANG MUD RING AND PLATE. ENGRAVE PLATE "VOICE" AND "DATA" OVER RESPECTIVE JACKS. VERIFY TYPE OF JACK WITH SCE IT. CONTRACTOR SHALL RUN 1-1/2" C.O MIN. FROM DATA JACK TO 6" ABOVE CEILING SPACE. COORDINATE CABLING REQUIREMENTS WITH SCE IT.

**X** PANEL NAME.

**FD-SI** FIRE AND SMOKE DAMPER

**⊕** SURFACE MOUNTED EMERGENCY LIGHTING UNIT WITH 90 MIN. EMERGENCY BATTERY PACK. REFER TO LIGHTING FIXTURE SCHEDULE.

**⊕** CEILING MOUNTED OCCUPANCY SENSOR

**⊕** CEILING MOUNTED DAYLIGHT SENSOR

**⊕** ROOM CONTROLLER

**⊕** CEILING LIGHT FIXTURE AND OUTLET, HID, FLUORESCENT, OR INCANDESCENT. LOWER CASE LETTER INDICATES CONTROLLING SWITCH, NUMERAL INDICATES CIRCUIT. SHADED SYMBOL INDICATES FIXTURE WITH EMERGENCY POWER PROVISIONS.

**⊕** FLUORESCENT LIGHT FIXTURE OUTLET. LOWER CASE LETTER INDICATES CONTROLLING SWITCH, NUMERAL INDICATES CIRCUIT. SHADED CIRCLE DENOTES FIXTURE WITH EMERGENCY POWER PROVISIONS.

**⊕** FLUORESCENT STRIP FIXTURE. LOWER CASE LETTER INDICATES CONTROLLING SWITCH. NUMERAL INDICATES CIRCUIT. SHADED CIRCLE DENOTES FIXTURE WITH EMERGENCY POWER PROVISIONS.

**⊕** BRACKET OR WALL MOUNTED LIGHT FIXTURE AND OUTLET, HID, FLUORESCENT OR INCANDESCENT. LOWER CASE LETTER INDICATES CONTROLLING SWITCH, NUMERAL INDICATES CIRCUIT. SHADED CIRCLE DENOTES FIXTURE WITH EMERGENCY POWER PROVISIONS.

**⊕** ILLUMINATED EXIT LIGHT FIXTURE. SIDE, BACK, CEILING, OR PENDANT MOUNTED, SINGLE OR DOUBLE FACED AS NOTED BY SHADED ARC, WITH OR WITHOUT DIRECTIONAL ARROW AS NOTED ON THE DRAWINGS. NOT TO BE USED AS JUNCTION BOX OR "THROUGH-WIRE" DEVICE.

**⊕** LOW LEVEL EXIT LIGHT FIXTURE, WALL MOUNTED WITH OR WITHOUT DIRECTIONAL ARROW AS NOTED ON THE DRAWINGS. BOTTOM OF FIXTURE AT +6 INCHES ABOVE FINISHED FLOOR AND WITHIN FOUR INCHES OF DOOR FRAME WHERE APPLICABLE.

**⊕** LIGHTING FIXTURE IDENTIFICATION SYMBOL. LETTER INDICATES FIXTURE TYPE. NUMERALS IN LOWER HALF OF HEXAGON INDICATE FIXTURE WATTAGE (INCLUDING BALLAST WHERE APPLICABLE). NUMERAL OUTSIDE TOP OF HEXAGON INDICATES NUMBER OF FIXTURES REQUIRED. NUMERAL OUTSIDE BOTTOM OF HEXAGON INDICATES MOUNTING HEIGHT FROM FLOOR TO BOTTOM OF FIXTURE. OMISSION OF MOUNTING HEIGHT INDICATES CEILING MOUNTING.

**⊕** HP RATED SWITCH

**⊕** SWITCH. LOWER CASE LETTER AT BOTTOM INDICATES OUTLETS CONTROLLED. CAPITAL SUPERScript INDICATES SWITCH TYPE.

NO SUPERScript - SINGLE POLE SWITCH  
 2 - DOUBLE POLE  
 3 - THREE WAY  
 4 - FOUR WAY  
 I - ILLUMINATED HANDLE  
 K - KEYED SWITCH  
 LC - LOCKABLE COVER  
 M - MANUAL MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION

**⊕** MC - MOMENTARY CONTACT

**⊕** P - PILOT LIGHT

**⊕** PR - PRESS TYPE

**⊕** TP - THREE POSITION

**⊕** T - TIMER, 0-6 HR ROTARY OR AS NOTED

**⊕** HALF CONTROLLED DUPLEX GROUND FAULT INTERRUPTING TYPE RECEPTACLE, 20 AMP, 125 VOLT, 2 POLE, 3 WIRE.

**⊕** FLUSH FLOOR MOUNTED DUPLEX GROUNDING TYPE RECEPTACLE, 20 AMP, 125 VOLT

**⊕** ANY RECEPTACLE INDICATED WITH "IG" ADJACENT SHALL BY ISOLATED GROUND TYPE WITH INDIVIDUAL GROUND WIRE TO PANELBOARD.

**⊕** DEDICATED RECEPTACLE INDICATED WITH "IG" ADJACENT SHALL BY ISOLATED GROUND TYPE WITH INDIVIDUAL GROUND WIRE TO PANELBOARD.

**⊕** WALL POWER IN-FEED JUNCTION BOX FOR WORKSTATIONS FOR POWER AND TELEPHONE/DATA. SINGLE GANG TELEPHONE BOX. PROVIDE 1-1/2" CONDUIT AND STUB-UP AT +6" ABOVE CEILING WITH A SUPER FLEX CONDUIT, UNLESS OTHERWISE NOTED. VERIFY LOCATION WITH FURNITURE CONTRACTOR. PROVIDE MAX. 6' FLEX WHIP FOR CONNECTION.

**⊕** WALL MOUNTED OCCUPANCY SENSOR +42" AFF. U.O.N. (SINGLE MANUAL ON/OFF DIMMER SWITCH)

**⊕** WALL MOUNTED OCCUPANCY SENSOR +42" AFF. U.O.N. (DOUBLE MANUAL ON/OFF DIMMER SWITCH)

APPLICABLE CODES

BUILDING OCCUPANCY CLASSIFICATION:  
 THE CONSTRUCTION OF THIS PROJECT SHALL CONFORM TO THE REQUIREMENTS OF:  
 2019 BUILDING STANDARD ADMINISTRATIVE CODE  
 2019 CALIFORNIA BUILDING CODE (CBC)  
 2019 CALIFORNIA ELECTRICAL CODE (CEC)  
 2019 CALIFORNIA MECHANICAL CODE (CMC)  
 2019 CALIFORNIA PLUMBING CODE (CPC)  
 2019 CALIFORNIA ENERGY CODE  
 2019 CALIFORNIA FIRE CODE (CFC).

SHEET INDEX

SHEET NO.	SHEET NAME
E-0.1	ELECTRICAL SYMBOL LIST AND ABBREVIATIONS
E-0.2	ELECTRICAL SPECIFICATIONS
E-0.3	SINGLE LINE DIAGRAM AND PANEL SCHEDULES
E-1.1	OVERALL FLOOR PLAN
E-2.1	ENLARGED FLOOR PLAN - EXISTING/DEMO
E-3.1	ENLARGED FLOOR PLAN - PROPOSED
E-4.1	ENLARGED ROOF PLAN - PROPOSED

FIRE ALARM PERMIT NOTE

CONTRACTOR SHALL PROVIDE AND SUBMIT FIRE ALARM SAFETY CONSTRUCTION DOCUMENTS FOR ALL AGENCY PLAN CHECK REQUIREMENTS. APPROVAL SHALL BE OBTAINED PRIOR TO THE INSTALLATION OF THE SYSTEM. INTERCONNECTING WIRING AND CONDUIT SIZES ARE NOT INDICATED. CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING RACEWAY, WIRING PLANS, VOLTAGE DROP CALCULATION AND COMPLETE ONE LINE DIAGRAM OF THE SYSTEM.

CONTRACTOR SHALL PROVIDE AS PART OF FIRE ALARM SYSTEM:  
 \* CONSTRUCTION DOCUMENT AND SHOP DRAWINGS.  
 \* SUBMIT AND SECURE FIRE MARSHAL APPROVAL.  
 \* FIELD TO VERIFY EXISTING FIRE ALARM DEVICES. ADD AND/OR RELOCATE EXISTING DEVICES TO COMPLY TO NEW SPACE CONFIGURATION.

ABBREVIATIONS

AF AMPERE FRAME RATING OF CIRCUIT BREAKERS  
 AFF ABOVE FINISHED FLOOR  
 AFU AMPERE FUSE RATING  
 AIC AMPS INTERRUPTING CAPACITY RATING (RMS SYMMETRICAL)  
 AM AMMETER  
 AMP, A AMPERES  
 AS AMPERE SWITCH RATING  
 AT AMPERE TRIP RATING OF BREAKER  
 AWG AMERICAN WIRE GAUGE  
 BKR BREAKER  
 C CONDUIT  
 CAB CABINET  
 CC CENTER TO CENTER  
 CKT CIRCUIT  
 C.O. CONDUIT ONLY  
 CU COPPER  
 DWG DRAWING  
 E EXISTING  
 FF FINISHED FLOOR  
 FLEX FLEXIBLE  
 FLUOR FLUORESCENT  
 FUT FUTURE  
 GND GROUND  
 HZ HERTZ  
 J.B. JUNCTION BOX  
 K THOUSAND (KILO)  
 KV KILOVOLTS  
 KW KILOWATTS  
 KVA KILOVOLT AMPERES  
 KWH KILOWATT-HOURS  
 LT, LTS LIGHT, LIGHTS  
 LTG LIGHTING  
 MAX MAXIMUM  
 MCB MAIN CIRCUIT BREAKER  
 MCC MOTOR CONTROL CENTER  
 MCM THOUSAND CIRCULAR MILS  
 MT, MTD, MTG MOUNT, MOUNTED, MOUNTING  
 NO, NOS NUMBER, NUMBERS  
 NTS NOT TO SCALE  
 OC ON CENTER  
 PNL PANEL  
 PNLBD PANELBOARD  
 PRI PRIMARY  
 PWR POWER  
 R REMOVED  
 REC RECEPTACLE  
 RECP TS RECEPTACLES  
 REQ REQUIRED  
 SW SWITCH  
 SYS SYSTEM  
 SYM SYMMETRICAL  
 TEMP TEMPERATURE  
 TYP TYPICAL  
 UNO UNLESS NOTED OTHERWISE  
 W WIRE  
 WP WEATHERPROOF  
 XFRM TRANSFORMER  
 ZD ZONE DAMPER



H2S Engineers Inc.  
 Consulting MEP Engineers  
 Anaheim, CA 92801  
 Ph: (714) 290-0718  
 E-mail: mverma@h2sengineers.com

architecture  
 planning  
 interior  
**GPA**  
 Giliis + Panichapan Architects,  
 1800 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
 TEL: (714) 668-4265 FAX: (714) 668-4260

This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of, Giliis+Panichapan Architects, Inc.

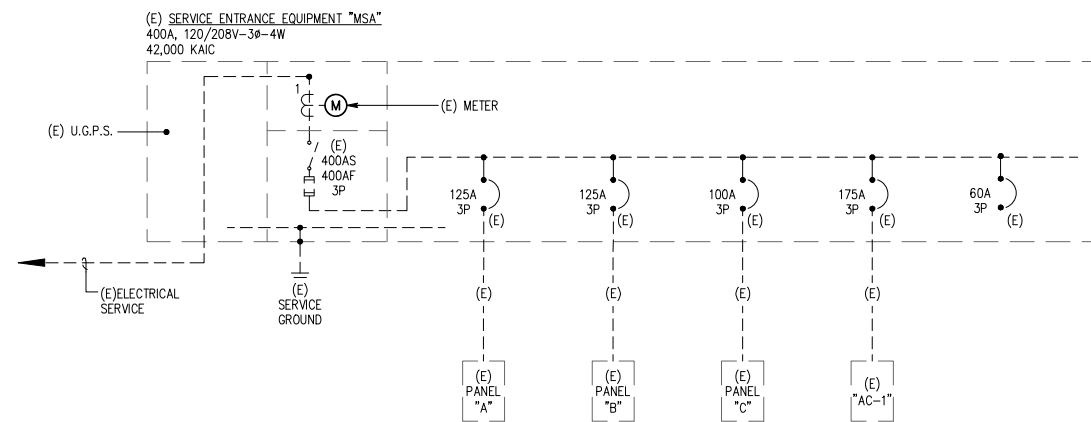
**BID SET**

JOB NO.:	21122	DATE:	12/08/2021
DRAWN BY:	MVERMA	CHECKED BY:	MVERMA
SCALE:	AS NOTED		

ELECTRICAL SYMBOL LIST & ABBRE. TOWN OF YUCCA VALLEY Senior Center - Kitchen Upgrades

**E-0.1**





1 EXISTING SINGLE LINE DIAGRAM  
SCALE: NONE

MOUNTING: SURFACE		EXISTING PANEL 'A'										LOCATION: SEE PLANS						
VOLTAGE: 120/208V 3Ø 4W		10.000 AIC SYM					225 AMP BUS					MAIN LUGS ONLY						
OUTLET	DESCRIPTION	VOLT-AMPERES ØA ØB ØC	L I N E	R E C I P	P O L E	B R K R	C I R C	B O L K	P O L K	M I S C	L I N E	VOLT-AMPERES ØA ØB ØC	DESCRIPTION	OUTLET				
1	LIGHTS	720			1	20	1	2	20	1		175	EF-1	2				
1	LIGHTS	705			1	20	3	4	20	1			SPARE	1				
1	LIGHTS				1	20	5	6	20	1		700	LIGHTS	1				
1	LIGHTS	300			1	20	7	8	20	1		750	LIGHTS	1				
1	RECEP KITCHEN	1200			1	20	9	10	20	1		1200	RECEP KITCHEN	1				
1	RECEP KITCHEN		1200		1	20	11	12	20	1		1800	RECEP KITCHEN	1				
1	RECEP KITCHEN	900			1	20	13	14	20	1		900	RECEP KITCHEN	1				
1	RECEP KITCHEN	1000			1	20	15	16	20	1		600	RECEP KITCHEN	1				
1	REF.		1000		1	20	17	18	20	2		1000	REF. COMP	2				
1	SPARE	1000			1	20	19	20				1000						
2	FREEZER COMP.	1000			2	20	21	22	20	1		600	FAN COIL	2				
			1000				23	24	20	1		600	FAN COIL	2				
1	OVEN	800			2	20	25	26	20	3		800	STEAMER	1				
1		800			1		27	28		1		800	STEAMER	1				
1	HOT TABLE		1500		2	20	29	30				800		1				
1		1500					31	32	20	1			SPARE	1				
1	SPARE				2	20	33	34	20	1		900	EF-1	1				
1							35	36	20	1		900	EF-1	1				
1	RECEP KITCHEN	800			1	20	37	38	20	1		800	RECEP KITCHEN	1				
1	RECEP KITCHEN	800			1	20	39	40	20	1		800	RECEP KITCHEN	1				
1	MIXER		800		1	20	41	42	20	1		1000	REC IRRIGATION CONT	1				
VA PER PHASE		6020	5505	6100								4425	4900	6800	VA PER PHASE			
CONTINUOUS LOAD		2325	x1.25=	2906	VA									10445	10405	12900	TOTAL VA PER PHASE	
		+ OTHER =		31425	VA									33750		TOTAL CONNECTED VA		
		TOTAL LOAD = 34331 VA						95		AMPS								
		CEILING OUTLETS =				THIS PANEL IS FED BY:									1		EXISTING CIRCUIT TO REMAIN	
		CONV OUTLETS =											2		EXISTING C.B. WITH NEW LOAD			
		MISC OUTLETS =											3					
													4					



H2S Engineers Inc.  
Consulting MEP Engineers  
Anaheim, CA 92801  
Ph: (714) 290-0718  
E-mail: mverma@h2sengineers.com

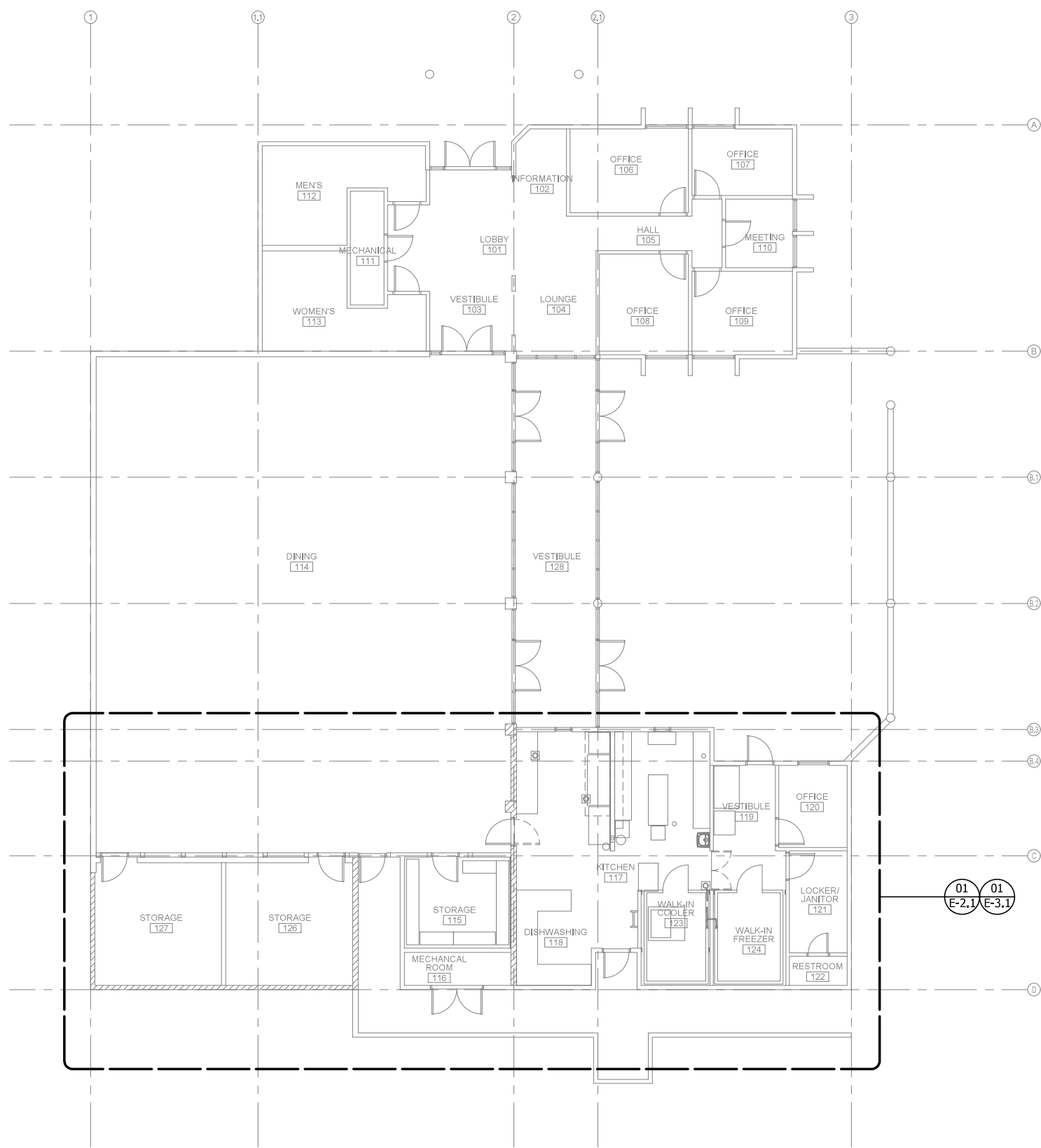
This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of Gilis+Panichapan Architects, Inc.

**BID SET**

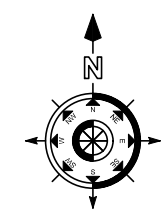
JOB NO.:	21122	DATE:	12/08/2021
DRAWN BY:	M.VERMA	CHECKED BY:	M.VERMA
SCALE:	AS NOTED		

DEMO & REMODEL SINGLE LINE DIAGRAM

**TOWN OF YUCCA VALLEY**  
Senior Center - Kitchen Upgrades



01 OVERALL FLOOR PLAN  
 Scale: 1/8" = 1'-0"



H2S Engineers Inc.  
 Consulting MEP Engineers  
 Anaheim, CA 92801  
 Ph: (714) 290-0718  
 E-mail: mverma@h2sengineers.com

architecture  
 planning  
 interior  
**GPA**  
 Gills + Panichapan Architects,  
 1800 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
 FAX (714) 688-4285

© Gills+Panichapan Architects, Inc. All Rights Reserved  
 This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of Gills+Panichapan Architects, Inc.

**BID SET**

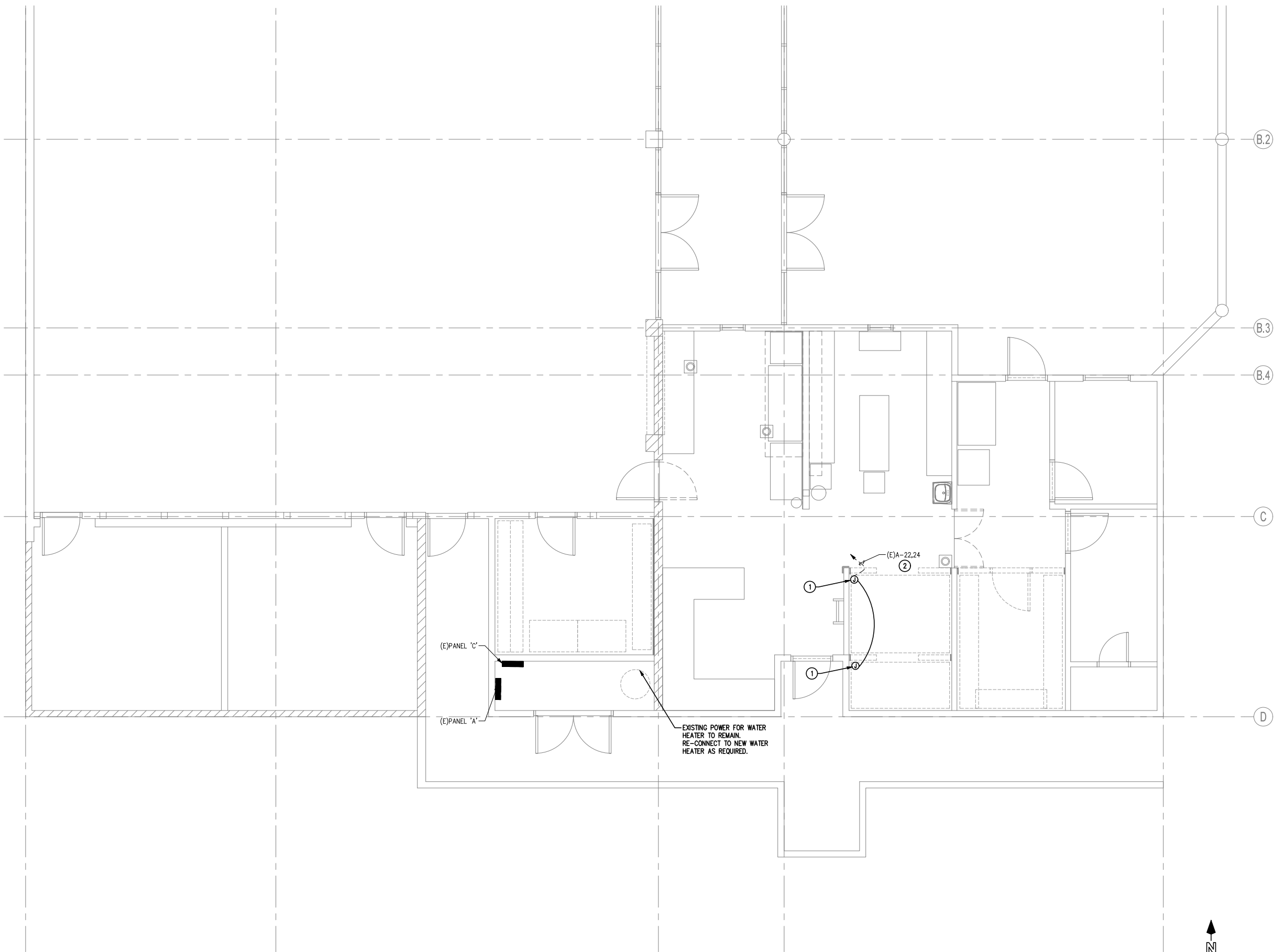
JOB NO.:	21122	DATE:	12/08/2021
DRAWN BY:	M.VERMA	CHECKED BY:	M.VERMA
SCALE:	AS NOTED		

OVERALL FLOOR PLAN  
**TOWN OF YUCCA VALLEY**  
 Senior Center - Kitchen Upgrades

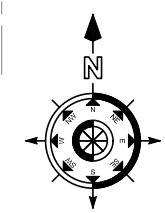
**E-1.1**

SHEET NOTES

- ① DISCONNECT AND REMOVE POWER CONNECTION FROM EXISTING REF. & FREEZER UNITS. PRESERVE EXISTING CKTS FOR LATER REUSE. SEE SHEET E-3.1 FOR ADDITIONAL INFORMATION.
- ② PULL NEW 3#12 WIRES INSIDE EXISTING CONDUIT.



01 ENLARGED FLOOR PLAN - EXISTING/DEMO  
 E-2.1 Scale: 1/4" = 1'-0"



H2S Engineers Inc.  
 Consulting MEP Engineers  
 Anaheim, CA 92801  
 Ph: (714) 290-0718  
 E-mail: mverma@h2sengineers.com

architecture  
 planning  
 interior  
**GPA**  
 Gilis + Panichapan Architects,  
 1800 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
 FAX (714) 688-4283 SITE G-203 TEL (714) 688-4280

© Gilis+Panichapan Architects, Inc. All Rights Reserved  
 This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of Gilis+Panichapan Architects, Inc.

**BID SET**

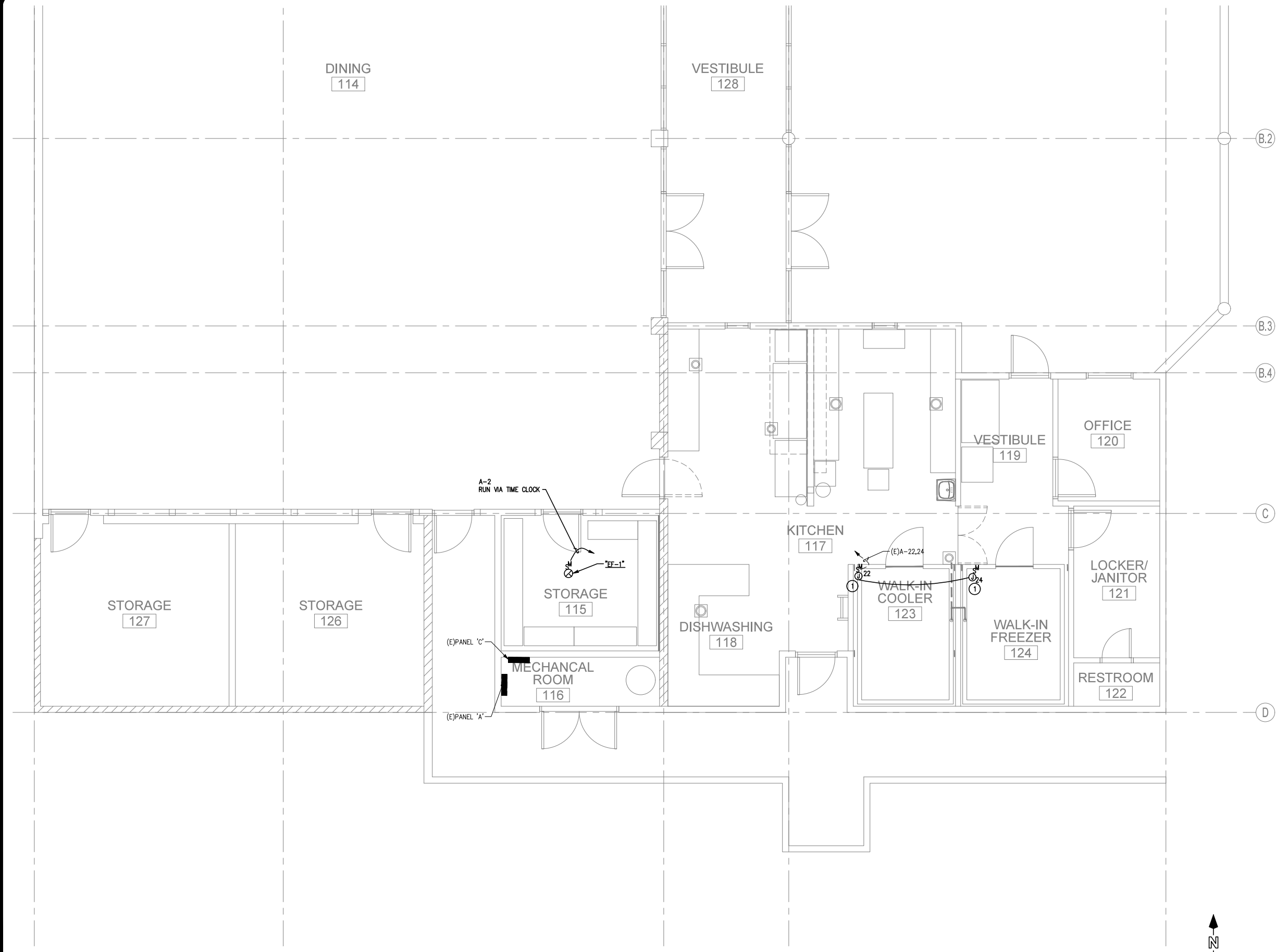
JOB NO.:	21122	DATE:	12/08/2021
DRAWN BY:	M.VERMA	CHECKED BY:	M.VERMA
SCALE:	AS NOTED		

ENLARGED FLOOR PLAN - EXISTING/DEMO  
**TOWN OF YUCCA VALLEY**  
 Senior Center - Kitchen Upgrades

**E-2.1**

SHEET NOTES

- 1 PROVIDE 20AMPS MOTOR RATED SWITCH FOR NEW FAN-COILS



architecture  
planning  
interior

**GPA**

Gilis + Panichapan Architects,  
1800 BRISTOL STREET COSTA MESA, CALIFORNIA 92626  
TEL: (714) 688-4283 FAX: (714) 688-4280

© Gilis+Panichapan Architects, Inc. All Rights Reserved  
This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of Gilis+Panichapan Architects, Inc.

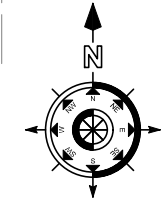
**BID SET**

JOB NO.:	21122	DATE:	12/08/2021
DRAWN BY:	M.VERMA	CHECKED BY:	M.VERMA
SCALE:	AS NOTED		

ENLARGED FLOOR PLAN - PROPOSED  
TOWN OF YUCCA VALLEY  
Senior Center - Kitchen Upgrades

**E-3.1**

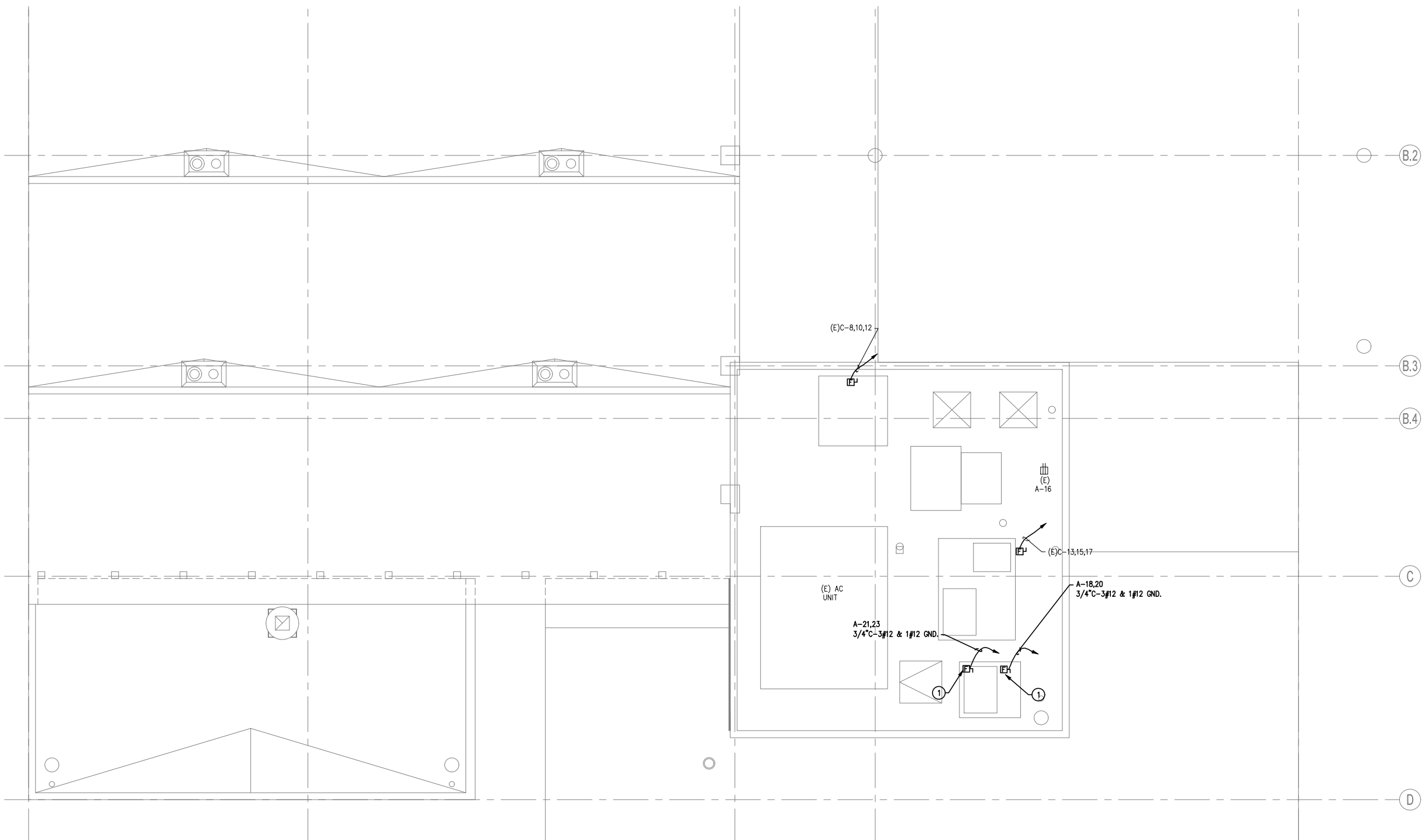
01 ENLARGED FLOOR PLAN - PROPOSED  
E-3.1 Scale: 1/4" = 1'-0"



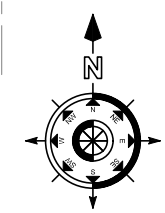
H2S Engineers Inc.  
Consulting MEP Engineers  
Anheim, CA 92801  
Ph: (714) 290-0718  
E-mail: mverma@h2sengineers.com

SHEET NOTES

- 1 PROVIDE 30AS/20AF, 2P FUSED, NEMA 3R DISCONNECT SWITCH. VERIFY WITH MECHANICAL PLAN FOR ALL REQUIREMENT BEFORE ANY ROUGH-IN.



01 ENLARGED ROOF PLAN - PROPOSED  
E-4.1 Scale : 1/4" = 1'-0"



H2S Engineers Inc.  
Consulting MEP Engineers  
Anaheim, CA 92801  
Ph: (714) 290-0718  
E-mail: mverma@h2sengineers.com

architecture  
planning  
interior  
**GPA**  
Gillis + Panichapan Architects,  
1800 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
PH: (714) 688-4283 FAX: (714) 688-4280

© Gillis+Panichapan Architects, Inc. All Rights Reserved  
This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of Gillis+Panichapan Architects, Inc.

**BID SET**

JOB NO.:	21122	DATE:	12/08/2021
DRAWN BY:	M.VERMA	CHECKED BY:	M.VERMA
CHECKED BY:	M.VERMA	SCALE:	AS NOTED

ENLARGED ROOF PLAN - PROPOSED  
**TOWN OF YUCCA VALLEY**  
Senior Center - Kitchen Upgrades

**E-4.1**



**GENERAL NOTES**

- ALL DRAWINGS ARE CONSIDERED TO BE PART OF THE CONTRACT DOCUMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS PRIOR TO ANY CONSTRUCTION, INCLUDING STRUCTURAL, PLUMBING, AIR CONDITIONING AND ELECTRICAL. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS OWN EXPENSE, AND AT NO EXPENSE TO THE OWNER.
- THESE DRAWINGS ARE DIAGRAMMATIC. THE LOCATION & ELEVATION OF ALL PIPING IS APPROXIMATE AND SHALL BE VERIFIED AND COORDINATED WITH ALL OTHER TRADES, STRUCTURAL CONDITIONS AND BUILDING CONSTRUCTION PRIOR TO START OF INSTALLATION.
- ALL SYMBOLS AND ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED TO BE CONSTRUCTION STANDARDS. IF CLARIFICATION IS REQUIRED, THE CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO PROCEEDING WITH THE WORK.
- DO NOT SCALE DRAWINGS. ALL DIMENSIONS AND JOB SITE CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE JOB SITE PRIOR TO BID SUBMITTAL, START OF CONSTRUCTION AND/OR FABRICATION OF MATERIALS. VERIFY ALL EXISTING DUCTWORK, PIPING, ELEVATIONS, SIZES AND POINT OF CONNECTIONS PRIOR TO START OF WORK. IF DISCREPANCIES ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED FOR CLARIFICATION.
- THE CONTRACTOR SHALL FURNISH ALL MATERIALS, LABOR, EQUIPMENT, TRANSPORTATION AND SERVICES NECESSARY FOR COMPLETION OF THE WORK. ALL MATERIALS AND WORK SHALL COMPLY WITH APPLICABLE CODES AND GOVERNING REGULATION AND MEET THE APPROVAL OF THE CITY AND STATE FIRE MARSHALL.
- CONTRACTOR SHALL PROVIDE AND BE RESPONSIBLE FOR PROTECTION AND REPAIR OF ADJACENT EXISTING SURFACES AND AREAS WHICH MAY BE DAMAGED AS A RESULT OF DEMOLITION AND/OR NEW WORK.
- FIELD INSPECT THE PROJECT TO BE FULLY INFORMED AS TO THE SCOPE OF WORK AND ALL EXISTING CONDITIONS PRIOR TO STARTING OF WORK. VERIFY ALL EXISTING DUCTWORK, PIPING, ELEVATIONS, SIZES AND POINT OF CONNECTIONS PRIOR TO START OF WORK. NOT ALL CONDITIONS INDICATED ON PLANS.
- ALL DUCTWORK SHALL BE CONSTRUCTED, ERECTED, AND TESTED IN ACCORDANCE WITH THE MOST RESTRICTIVE OF REGULATIONS, PROCEDURES DETAILED IN THE ASHRAE HANDBOOK OF FUNDAMENTALS, OR THE APPLICABLE STANDARDS ADOPTED BY THE SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION.
- ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL FITTINGS, TRANSITIONS, DAMPERS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
- WRAP CONCEALED DUCTS WITH MINIMUM 1 INCH THICK FIBERGLASS DUCTWRAP (ALL SUPPLY DUCT TO HAVE VAPOR BARRIER). ALL NEW SUPPLY AND RETURN DUCT INSULATION WITHIN THE BUILDING TO HAVE MINIMUM 6.0 R-VALUE. INSTALL DOUBLE WALL DUCTS FOR ALL EXPOSED OUTDOOR SUPPLY AND RETURN DUCTS WITH AT LEAST 8.0 R-VALUE INSULATION.
- INSULATION APPLIED TO THE EXTERIOR SURFACE OF DUCTS LOCATED IN BUILDINGS SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND SMOKE DEVELOPED RATING OF NOT MORE THAN 50 WHEN TESTED AS A COMPOSITE INSTALLATION INCLUDING INSULATION, FACING MATERIALS, TAPES AND ADHESIVES AS NORMALLY APPLIED.
- ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2019 CALIFORNIA MECHANICAL CODE (C.M.C.), 2019 CALIFORNIA BUILDING CODE (C.B.C.) AND ALL OTHER APPLICABLE CODES AND REGULATIONS.
- INSTALLATION SHALL BE COMPLIANT WITH 2019 CBC SECTION 425, APPLICABLE NFPA CODE SECTIONS AND SECTION 1632A AND CHAPTER 35 OF 2019 CBC.
- MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE MADE AVAILABLE TO THE INSPECTING AUTHORITIES.
- AIR LEAKAGE TESTING SHALL BE PERFORMED BY SMACNA HVAC DUCT LEAKAGE TEST MANUAL.
- USE YOUNG REGULATOR FOR VOLUME DAMPER FOR AT INACCESSIBLE CEILING.
- LINE VOLTAGE WIRING, ALL CONDUIT, DISCONNECT SWITCHES AND FINAL CONNECTION BY ELECTRICAL CONTRACTOR. LOW VOLTAGE CONDUIT AND WIRING AND FINAL CONNECTION BY MECHANICAL CONTRACTOR.
- THE TOTAL SYSTEM AIR BALANCE SHALL BE PERFORMED BY AN INDEPENDENT AGENCY CERTIFIED BY THE AABC OR NEBB. THIS WORK SHALL CONFORM TO AABC OR NEBB SPECIFICATIONS AS REFERRED TO IN THE NATIONAL STANDARDS.
- ALL PIPING AND DUCT WORK SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF SECTIONS 118, 123, 124, E.E.S. AND TABLE 6D OF 2019 CMC.
- IF THE PROJECT WILL BE CONSTRUCTED IN MULTIPLE PHASES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THEIR WORK WITH THE ARCHITECTURAL PHASING PLANS AND ALL OTHER TRADES AND INSTALL IN SUCH A WAY THAT IT DOES NOT AFFECT THE ADJOINING OCCUPIED SPACES AND MEETS ALL OF THE REQUIREMENTS OF CONTRACT DOCUMENTS AND SPECIFICATIONS AS PART OF THE BASE BID.
- AUTOMATIC SHUTOFFS:  
PER SEC. 609 OF 2019 CMC WHEN REQUIRED, EACH SINGLE SYSTEM PROVIDING HEATING OR COOLING AIR IN EXCESS OF 2000 CUBIC FEET PER MINUTE SHALL BE EQUIPPED WITH AN AUTOMATIC SHUTOFF. AUTOMATIC SHUTOFF SHALL BE ACCOMPLISHED BY INTERRUPTING THE POWER SOURCE OF THE AIR MOVING EQUIPMENT DEVICES WHICH WILL DETECT PRODUCTS OF COMBUSTION OTHER THAN HEAT AND WHICH COMPLY WITH THE UBC, SHALL BE LABELED BY AN APPROVED AGENCY FOR AIR DUCT INSTALLATION AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. SUCH DEVICES SHALL BE COMPATIBLE WITH THE OPERATING VELOCITIES, PRESSURES, TEMPERATURES AND HUMIDITY OF THE SYSTEM WHERE FIRE DETECTION OR ALARM SYSTEMS ARE PROVIDED FOR THE BUILDING, SMOKE DETECTORS SHALL BE SUPERVISED BY SUCH SYSTEMS.  
  
NOTE: FOR THE PURPOSE OF CLEARNESS AND LEGIBILITY, THE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND ALTHOUGH SIZES AND LOCATIONS OF EQUIPMENT IS DRAWN TO SCALE WHEREVER POSSIBLE, THE CONTRACTOR SHALL MAKE USE OF ALL DATA IN ALL OF THE CONTRACT DOCUMENTS AND VERIFY THIS INFORMATION BEFORE ORDERING, FABRICATING OR INSTALLATION OF ANY MATERIALS.
- HVAC SYSTEM AND COMPONENTS WILL BE TESTED, ADJUSTED AND BALANCED IN ACCORDANCE WITH AABC'S NATIONAL STANDARDS FOR TOTAL SYSTEM BALANCE 6TH EDITION.

**MANDATORY NONRESIDENTIAL CALGREEN REQUIREMENTS**

**SECTION 5.410 – BUILDING MAINTENANCE AND OPERATION**

- 5.410.4 TESTING AND ADJUSTING. TESTING AND ADJUSTING OF SYSTEMS SHALL BE REQUIRED FOR BUILDINGS LESS THAN 10,000 SQUARE FEET. APPLIES TO NEW SYSTEMS SERVING ADDITIONS OR ALTERATIONS.
- 5.410.4.2 SYSTEMS. DEVELOP A WRITTEN PLAN OF PROCEDURES FOR TESTING AND ADJUSTING SYSTEMS FOR  
 A. HVAC SYSTEMS AND CONTROLS  
 B. INDOOR AND OUTDOOR LIGHTING AND CONTROLS  
 C. WATER HEATING SYSTEMS  
 D. RENEWABLE ENERGY SYSTEMS  
 E. LANDSCAPE IRRIGATION SYSTEMS  
 F. WATER RESCUE SYSTEMS  
 G. SYSTEMS TO BE INCLUDED FOR TESTING AND ADJUSTING SHALL INCLUDE, AS APPLICABLE TO THE PROJECT, THE SYSTEMS LISTED IN SECTION 5.410.4.2.
- 5.410.4.3 PROCEDURES. PERFORM TESTING AND ADJUSTING PROCEDURES IN ACCORDANCE WITH APPLICABLE STANDARDS ON HVAC SYSTEM AND CONTROLS AS DETERMINED BY THE ENFORCING AGENCY.
- 5.410.4.3.1 HVAC BALANCING. BEFORE A NEW SPACE-CONDITIONING SYSTEM SERVING A BUILDING OR SPACE IS OPERATED FOR NORMAL USE, BALANCE IN ACCORDANCE WITH THE PROCEDURES DEFINED BY NATIONAL STANDARDS LISTED IN SECTION 5.410.4.3.1 OR AS APPROVED BY THE ENFORCING AGENCY.
- 5.410.4.4 REPORTING. AFTER COMPLETION OF TESTING, ADJUSTING AND BALANCING, PROVIDE A FINAL REPORT OF TESTING SIGNED BY THE INDIVIDUAL RESPONSIBLE FOR PERFORMING THESE SERVICES.
- 5.410.4.5 OPERATION AND MAINTENANCE (O & M) MANUAL. PROVIDE THE BUILDING OWNER WITH DETAILED OPERATING AND MAINTENANCE INSTRUCTIONS AND COPIES OF GUARANTIES/WARRANTIES FOR EACH SYSTEM PRIOR TO FINAL INSPECTION.
- 5.410.4.5.1 INSPECTIONS AND REPORTS. INCLUDE A COPY OF ALL INSPECTION VERIFICATIONS AND REPORTS REQUIRED BY THE ENFORCING AGENCY.

**SECTION 5.504 – POLLUTANT CONTROL**

- 5.504.1 TEMPORARY VENTILATION. IF THE HVAC SYSTEM IS USED DURING CONSTRUCTION, USE RETURN AIR FILTERS WITH A MERV OF 13, BASED ON ASHRAE 52.2-1999, OR AN AVERAGE EFFICIENCY OF 30% BASED ON ASHRAE 52.1-1992. REPLACE ALL FILTERS IMMEDIATELY PRIOR TO OCCUPANCY.
- 5.504.3 COVERING OF DUCT OPENINGS AND PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION. AT THE TIME OF ROUGH INSTALLATION AND DURING STORAGE ON THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HEATING, COOLING AND VENTILATING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY TO REDUCE THE AMOUNT OF DUST, WATER AND DEBRIS WHICH MAY ENTER THE SYSTEM.
- 5.504.5.3 FILTERS. IN MECHANICALLY VENTILATED BUILDINGS, PROVIDE REGULARLY OCCUPIED AREAS OF THE BUILDING WITH AIR FILTRATION MEDIA FOR OUTSIDE AND RETURN AIR THAT PROVIDES AT LEAST A MERV OF 13. MERV 13 FILTERS SHALL BE INSTALLED PRIOR TO OCCUPANCY, AND RECOMMENDATIONS FOR MAINTENANCE WITH FILTERS OF THE SAME VALUE SHALL BE INCLUDED IN THE OPERATION AND MAINTENANCE MANUAL.

**SECTION 5.506 – INDOOR AIR QUALITY**

- 5.506.1 OUTSIDE AIR DELIVERY. FOR MECHANICALLY OR NATURALLY VENTILATED SPACES IN BUILDINGS, MEET THE MINIMUM REQUIREMENTS OF SECTION 120.1 OF THE CALIFORNIA ENERGY CODE AND CHAPTER 4 OF CCR, TITLE 8 OR THE APPLICABLE LOCAL CODE, WHICHEVER IS MORE STRINGENT.
- 5.506.2 CARBON DIOXIDE (CO2) MONITORING. FOR BUILDINGS OR ADDITIONS EQUIPPED WITH DEMAND CONTROL VENTILATION, CO2 SENSORS AND VENTILATION CONTROLS SHALL BE SPECIFIED AND INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CALIFORNIA ENERGY CODE, CCR, SECTION 120(C)(4).
- SECTION 5.508 – OUTDOOR AIR QUALITY**
- 5.508.1 OZONE DEPLETION AND GLOBAL WARMING REDUCTIONS. INSTALLATIONS OF HVAC, REFRIGERATION AND FIRE SUPPRESSION EQUIPMENT SHALL COMPLY WITH SECTIONS 5.508.1.1 AND 5.508.1.2.
- 5.508.1.1 CFCs. INSTALL HVAC AND REFRIGERATION EQUIPMENT THAT DOES NOT CONTAIN CFCs.
- 5.508.1.2 HALONS. INSTALL FIRE SUPPRESSION EQUIPMENT THAT DOES NOT CONTAIN HALONS.

**SHEET INDEX**

SHT.NO.	DESCRIPTION
M-0.1	MECHANICAL LEGEND AND NOTES
M-0.2	MECHANICAL DETAILS
M-1.1	OVERALL FLOOR PLAN
M-2.1	ENLARGED FLOOR PLAN – EXISTING/DEMO
M-3.1	ENLARGED FLOOR PLAN – PROPOSED
M-4.1	ENLARGED ROOF PLAN – PROPOSED

**APPLICABLE CODES**

- 2019 CALIFORNIA BUILDING CODE (CBC)
- 2019 CALIFORNIA ELECTRICAL CODE (CEC)
- 2019 CALIFORNIA MECHANICAL CODE (CMC)
- 2019 CALIFORNIA PLUMBING CODE (CPC)
- 2019 CALIFORNIA ENERGY STANDARDS CODE (CESC)

**MECHANICAL LEGEND**

SYMBOL	ABBV.	DESCRIPTION
	SWS	SIDEWALL DIFFUSER – SUPPLY
	CD	CEILING DIFFUSER – SUPPLY
	CD	CEILING DIFFUSER BELOW DUCT – SUPPLY
	SAD	RISER – SUPPLY AIR DUCT
	SAD	DROP – SUPPLY AIR DUCT
	SAD	ROUND DROP – SUPPLY AIR DUCT
	SWR	SIDEWALL REGISTER – RETURN
	CR	CEILING REGISTER – RETURN
	CR	CEILING REGISTER BELOW DUCT – RETURN
	RAD	RISER – RETURN AIR DUCT
	RAD	DROP – RETURN AIR DUCT
	SWE	SIDEWALL REGISTER – EXHAUST
	CR	CEILING REGISTER – EXHAUST
	CD	CEILING DIFFUSER BELOW DUCT – EXHAUST
	EAD	RISER – EXHAUST AIR DUCT
	EAD	DROP – EXHAUST AIR DUCT
	L	LINED DUCTWORK
	VD	VOLUME DAMPER
	FC	FLEXIBLE CONNECTION
		NEW DUCT
		EXISTING DUCT – NEW PLAN
		EXISTING DUCT – DEMOLITION PLAN
		EXISTING MECHANICAL WORK TO BE REMOVED
	FSD	FIRE SMOKE DAMPER
	UC	UNDER CUT DOOR
	TSTAT	THERMOSTAT
	POC	POINT OF CONNECTION
	POD	POINT OF DEMOLITION
	OSA	OUTSIDE AIR
	UTR	UP THRU ROOF
	CSFD	COMBINATION SMOKE/FIRE DAMPER
	F	FUSIBLE LINK FIRE DAMPER
	N.T.S.	NOT TO SCALE

architecture  
 planning  
 interior  
**GPA**  
 Gilis + Panichapan Architects,  
 1800 BRISTOL STREET COSTA MESA, CALIFORNIA 92626  
 TEL: (714) 688-4265 FAX: (714) 688-4265

© Gilis+Panichapan Architects, Inc. All Rights Reserved.  
 This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of Gilis+Panichapan Architects, Inc.

**BID SET**

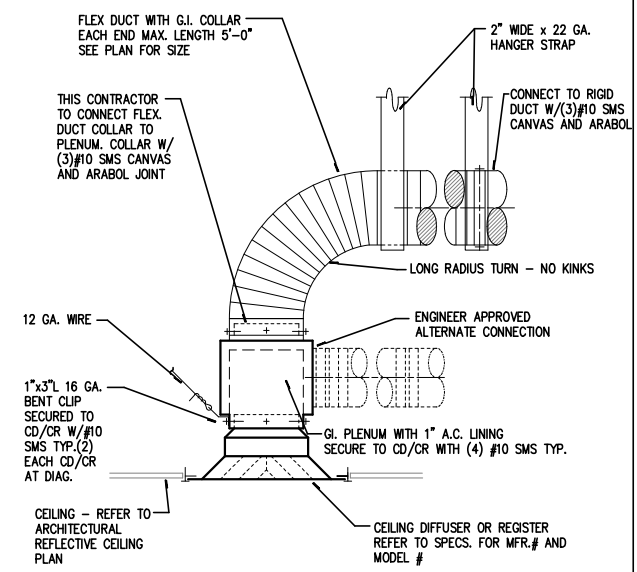
JOB NO.:	21122	DATE:	12/08/2021
DRAWN BY:	H-SHETH	CHECKED BY:	H-SHETH
SCALE:	AS NOTED		

MECHANICAL LEGEND AND NOTES  
**TOWN OF YUCCA VALLEY**  
 Senior Center – Kitchen Upgrades

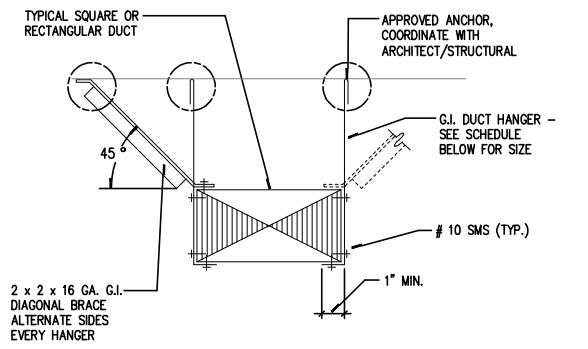
**M-0.1**



**H2S Engineers Inc.**  
 Consulting MEP Engineers  
 Anaheim, CA 92801  
 Ph: (714) 290-0718  
 E-mail: mverma@h2sengineers.com



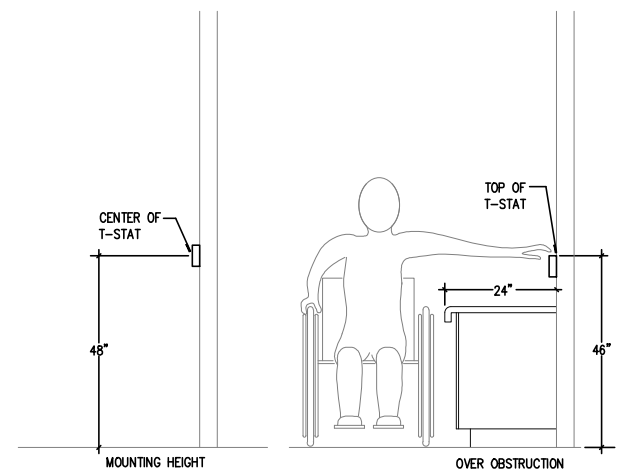
AIR DISTRIBUTION DETAIL SCALE: 3 NTS



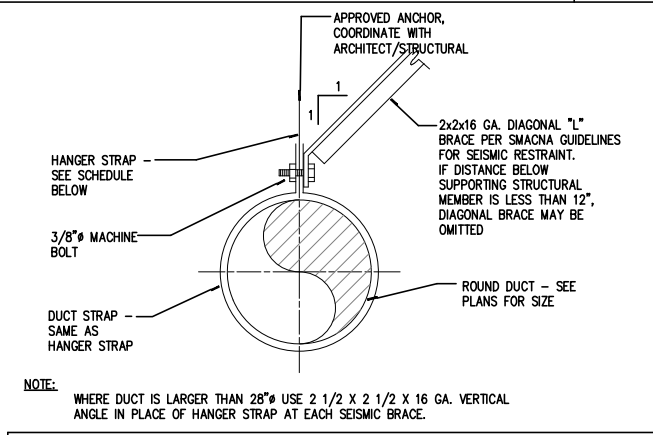
NOTE:  
WHERE DUCT IS 6 SF. OR LARGER IN CROSS SECTIONAL AREA - USE 2 1/2 x 2 1/2 x 16 GA. VERTICAL ANGLE IN PLACE OF HANGER AT SEISMIC BRACE.

MAX. HALF OF DUCT PERIMETER	MAX. LOAD EACH HANGER	HANGER SIZE	HANGER SPACING
P/2 = 30"	260 LBS	1" x 22 GA.	10'-0" O/C
P/2 = 72"	420 LBS	1" x 18 GA.	10'-0" O/C
P/2 = 96"	700 LBS	1" x 16 GA.	10'-0" O/C
P/2 = 120"	1100 LBS	1 1/2" x 16 GA.	10'-0" O/C

RECT. METAL DUCT SUPPORT DETAIL SCALE: 8 NTS



T-STAT MOUNTING DETAIL SCALE: 4 NTS



NOTE:  
WHERE DUCT IS LARGER THAN 28" USE 2 1/2 x 2 1/2 x 16 GA. VERTICAL ANGLE IN PLACE OF HANGER STRAP AT EACH SEISMIC BRACE.

HANGER STRAP SCHEDULE			
DUCT SIZE	HANGER SIZE	MAX. LOAD EA. HANGER	MAX. SPACING
UP THRU 10"	1" x 22 GA.	260 LBS	10'-0"
11" TO 18"	1" x 22 GA.	260 LBS	10'-0"
19" TO 24"	1" x 22 GA.	260 LBS	10'-0"
25" TO 36"	1" x 20 GA.	320 LBS	10'-0"

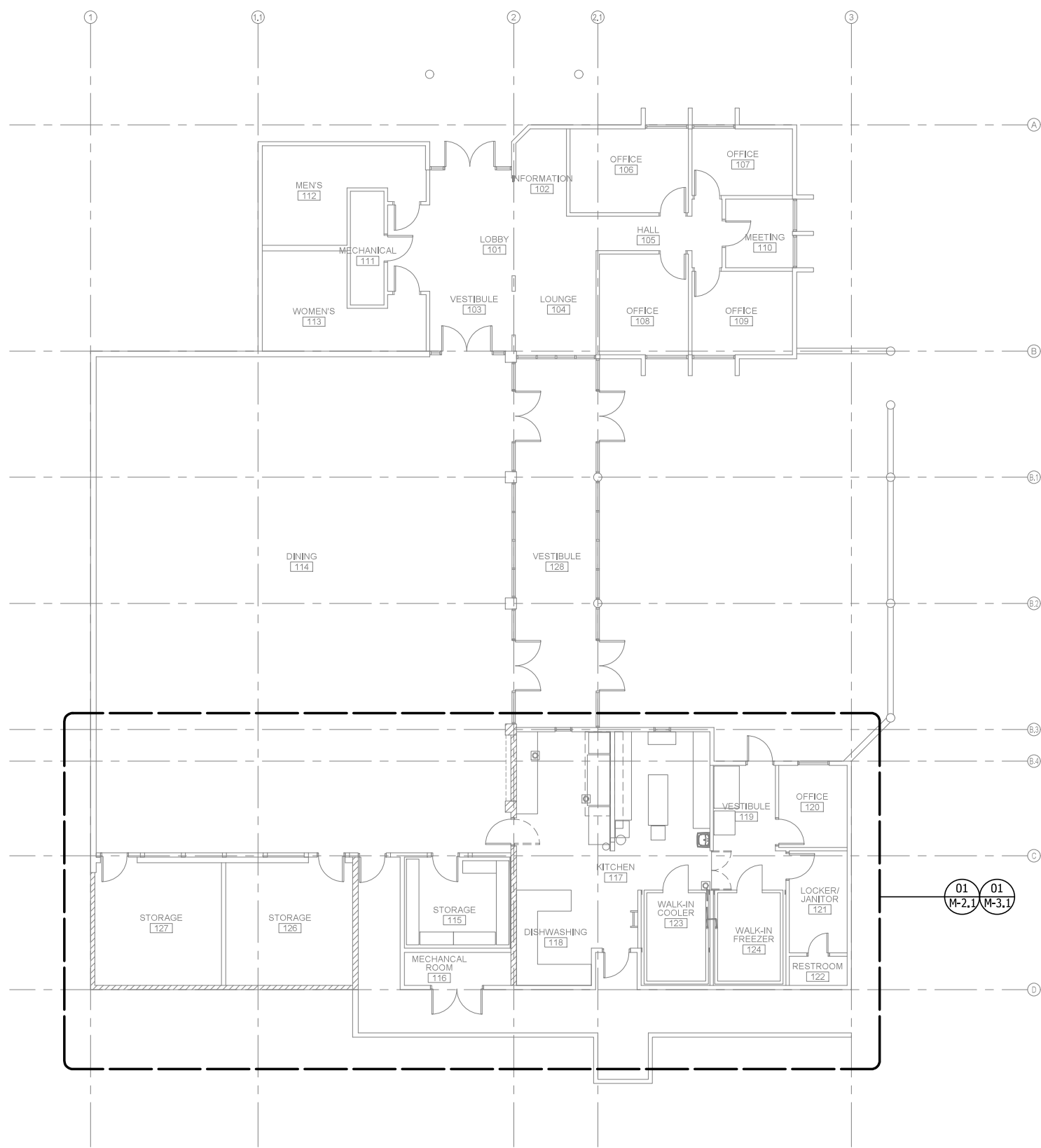
ROUND DUCT SUPPORT DETAIL SCALE: 2 NTS

NOT USED SCALE: 7 NTS

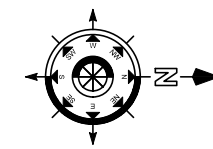
NOT USED SCALE: 5 NTS



H2S Engineers Inc.  
Consulting MEP Engineers  
Anahelm, CA 92801  
Ph: (714) 290-0718  
E-mail: mverma@h2sengineers.com



01 OVERALL FLOOR PLAN  
 M-1.1 Scale: 1/8" = 1'-0"



H2S Engineers Inc.  
 Consulting MEP Engineers  
 Anaheim, CA 92801  
 Ph: (714) 290-0718  
 E-mail: mverma@h2sengineers.com

architecture  
 planning  
 interior  
**GPA**  
 Gilis + Panichapan Architects,  
 1800 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
 PH: (714) 688-4283 FAX: (714) 688-4280

© Gilis+Panichapan Architects, Inc. All Rights Reserved  
 This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of Gilis+Panichapan Architects, Inc.

**BID SET**

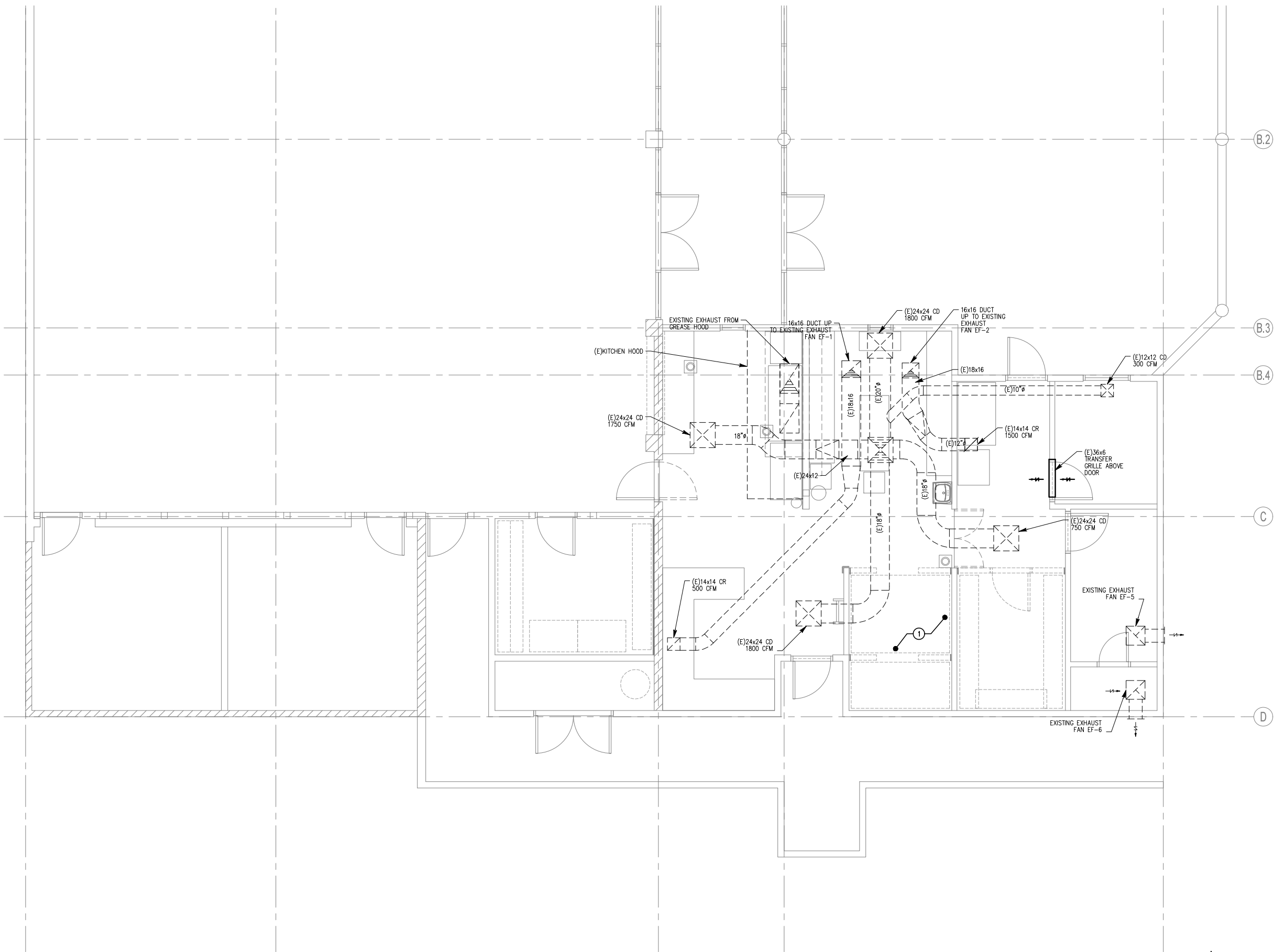
JOB NO.:	21122	DATE:	12/08/2021
DRAWN BY:	H.SHEETH	CHECKED BY:	H.SHEETH
SCALE:	AS NOTED		

OVERALL FLOOR PLAN  
**TOWN OF YUCCA VALLEY**  
 Senior Center - Kitchen Upgrades

**M-1.1**

SHEET NOTES

- 1 EXISTING EXHAUST AND SUPPLY TO REMAIN AS IS IN THE SPACE. NO ADDITIONAL WORK IS REQUIRED EXCEPT FOR ROOM 115 STORAGE. ALL EXISTING HVAC TO REMAIN AND TO BE PROTECTED IN PLACE. ALL EXISTING DUCTWORK SHOWS IN APPROXIMATE ONLY AND MAY NOT REPRESENT EXACT CONDITIONS. CONTRACT SHALL FIELD VERIFY TO MAKE SURE ALL EXISTING SYSTEM IS PROTECTED IN PLACE.



architecture  
planning  
interior  
**GPA**  
Gillis + Panichapan Architects,  
1900 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
TEL (714) 688-4263 FAX (714) 688-4260

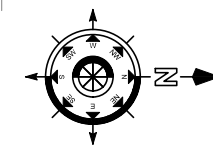
©Gillis+Panichapan Architects, Inc. All Rights Reserved  
This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of Gillis+Panichapan Architects, Inc.

BID SET

JOB NO.:	21122	DATE:	12/08/2021
DRAWN BY:	H.SHEETH	CHECKED BY:	H.SHEETH
SCALE:	AS NOTED		

ENLARGED FLOOR PLAN - EXISTING/DEMO  
TOWN OF YUCCA VALLEY  
Senior Center - Kitchen Upgrades

01 ENLARGED FLOOR PLAN - EXISTING/DEMO  
M-2.1 Scale: 1/4" = 1'-0"



H2S Engineers Inc.  
Consulting MEP Engineers  
Anaheim, CA 92801  
Ph: (714) 290-0718  
E-mail: mverma@h2sengineers.com

M-2.1

SHEET NOTES

- 1 ALL EXISTING HVAC TO REMAIN AS IS. NO ADDITIONAL WORK IS REQUIRED EXCEPT FOR ROOM 115 STORAGE.
- 2 PROVIDE A CEILING MOUNTED EXHAUST FAN. FAN SHALL RUN AT ALL TIMES. PROVIDE A LOCAL SWITCH FOR CONTROL.

architecture  
planning  
interior

**GPA**

Gilis + Panichapan Architects,  
1900 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
TEL (714) 688-4283 FAX (714) 688-4285

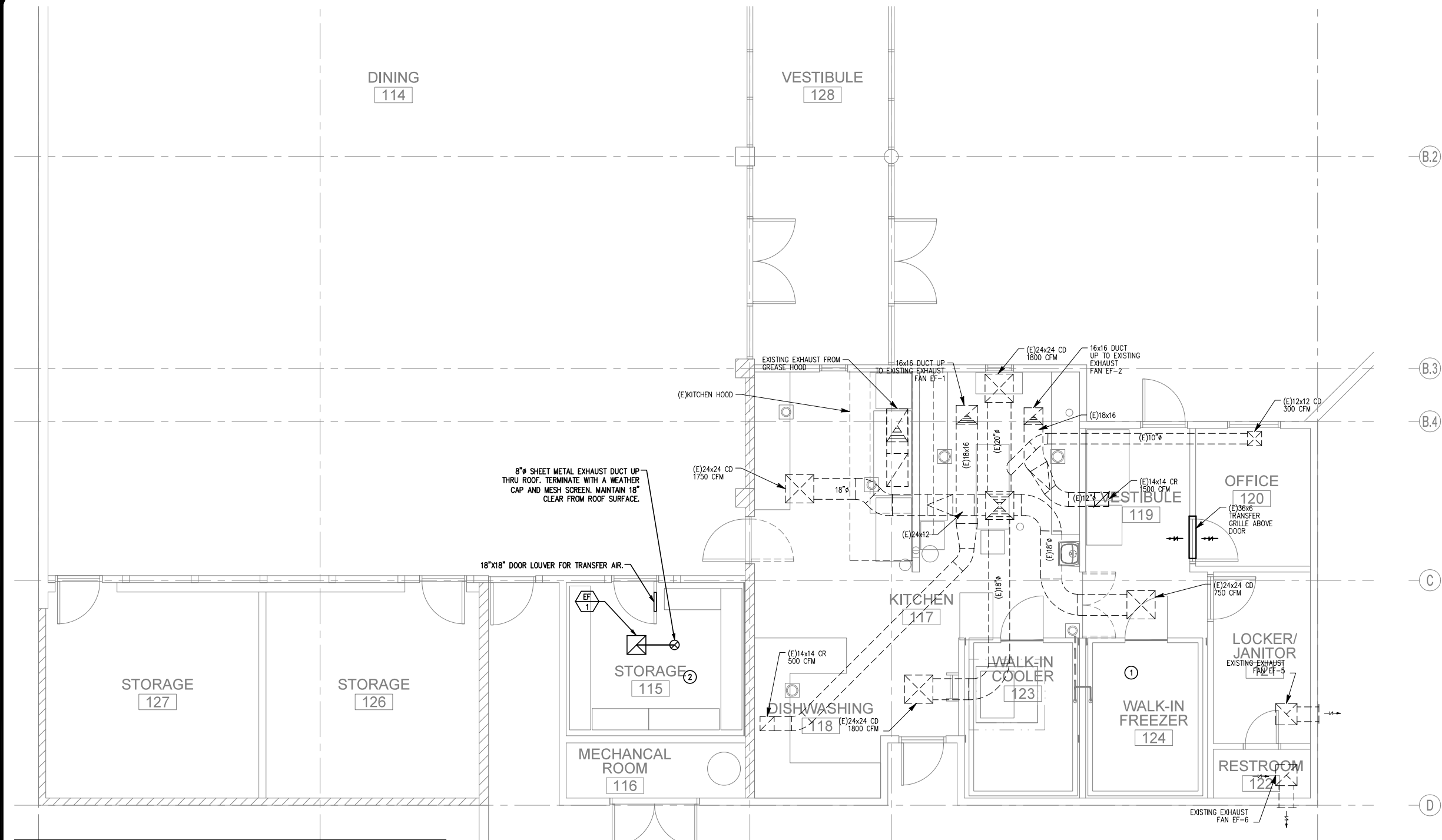
© Gilis+Panichapan Architects, Inc. All Rights Reserved  
This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of Gilis+Panichapan Architects, Inc.

BID SET

JOB NO.:	21122	DATE:	12/08/2021
DRAWN BY:	H.SHEETH	CHECKED BY:	H.SHEETH
SCALE:	AS NOTED		

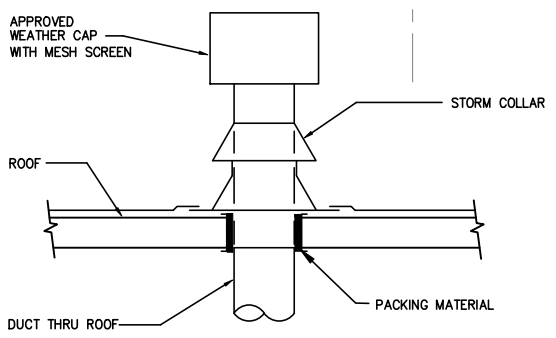
ENLARGED FLOOR PLAN - PROPOSED  
TOWN OF YUCCA VALLEY  
Senior Center - Kitchen Upgrades

M-3.1



8" SHEET METAL EXHAUST DUCT UP THRU ROOF. TERMINATE WITH A WEATHER CAP AND MESH SCREEN. MAINTAIN 18" CLEAR FROM ROOF SURFACE.

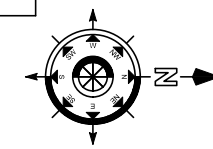
18"x18" DOOR LOUVER FOR TRANSFER AIR.



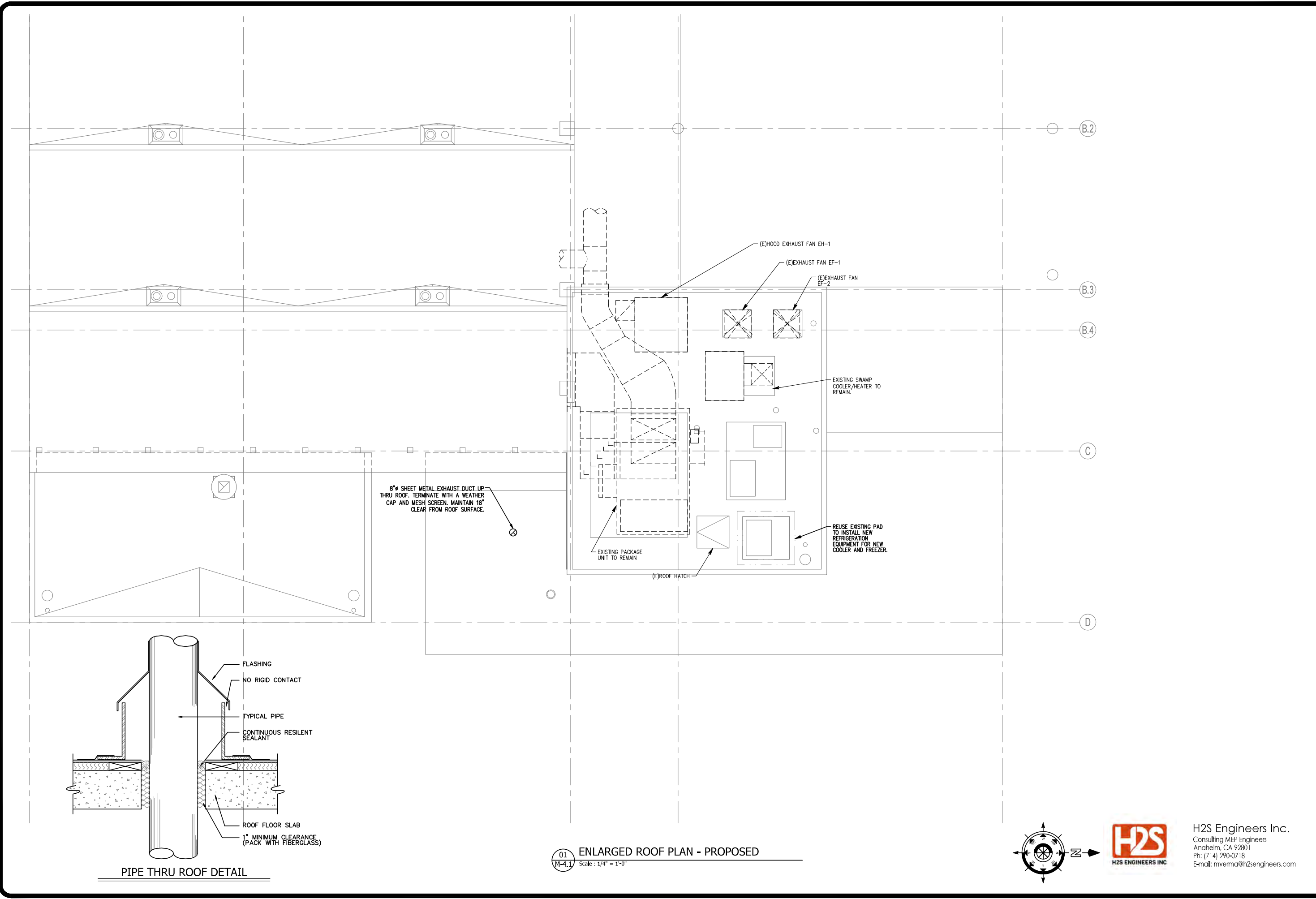
EXHAUST AIR TERMINATION ABOVE ROOF DETAIL SCALE: NTS 1

EXHAUST FAN SCHEDULE									
TAG	MANUFACTURER	SERVING	CFM	ESP (W.G)	FAN RPM	POWER (HP)	SUPPLY VOLTAGE	WEIGHT LBS	NOTES
EF-1	GREENHECK SPB200	STORAGE ROOM	175	0.3	1700	175 W	115/160	40	RUN AT ALL TIMES.

01 ENLARGED FLOOR PLAN - PROPOSED Scale: 1/4" = 1'-0"

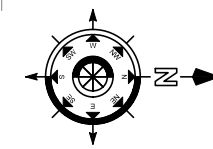


H2S Engineers Inc.  
Consulting MEP Engineers  
Anahelm, CA 92801  
Ph: (714) 290-0718  
E-mail: mverma@h2sengineers.com



PIPE THRU ROOF DETAIL

01 ENLARGED ROOF PLAN - PROPOSED  
M-4.1 Scale: 1/4" = 1'-0"



H2S Engineers Inc.  
Consulting MEP Engineers  
Anahelm, CA 92801  
Ph: (714) 290-0718  
E-mail: mverma@h2sengineers.com

architecture  
planning  
interior

**GPA**

Gillis + Panichapan Architects,  
1900 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
TEL (714) 688-4283 FAX (714) 688-4280

© Gillis+Panichapan Architects, Inc. All Rights Reserved  
This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of Gillis+Panichapan Architects, Inc.

**BID SET**

JOB NO.:	21122	DATE:	12/08/2021
DRAWN BY:	H.SHETH	CHECKED BY:	H.SHETH
SCALE:	AS NOTED		

ENLARGED ROOF PLAN - PROPOSED  
TOWN OF YUCCA VALLEY  
Senior Center - Kitchen Upgrades

**M-4.1**

PLUMBING FIXTURE SCHEDULE						
MARK	FIXTURE	PIPE SIZE				DESCRIPTION / REMARKS
		S/W	V	CW	HW	
ES-1	FLOOR SINK	2"	1-1/2"	1/2"	-	ZURN #1900-25 SANI-FLOOR RECEPTOR, 12x12x6 ACID RESISTING PORCELAIN ENAMEL ARCHITECTURAL AND TOP, CAST IRON BODY, SQUARE SLOTTED LIGHT DUTY GRATE. COORDINATE GRATE CONFIGURATION WITH KITCHEN ROUGH IN PLANS.
WCO FCO GCO CO	CLEAN-OUTS	-	-	-	-	WALL CLEAN OUT: "ZURN" MODEL: Z1447 SQUARE, Z1446 ROUND. FLOOR CLEANOUT: "ZURN" MODEL: Z1400-BZ MUST BE FLUSHED TO SURFACE. CLEAN OUT TO GRADE: "ZURN" MODEL: Z1400 MUST BE FLUSHED TO SURFACE. T CLEAN OUT: "ZURN" MODEL: Z1445.

GAS FIRED WATER HEATER									
UNIT NO.	MANUFACTURER & MODEL NO.	SERVICE	STORAGE CAPACITY	INPUT BTU/HR	REC @ DEG' Δ T (GPH)	INLET	OUTLET TEMP °F	OPER. WT. LBS.	REMARKS
QWH-1	A.O. SMITH BTH-199	DOMESTIC HOT WATER	100 GAL	199,900	384 @ 60'	60	120	1450	AMTROL ST-12 EXPANSION TANK; PROVIDE WITH CONDENSATE NEUTRALIZER KIT. PROVIDE CONCENTRIC VENT KIT.

REGULATORY NOTES
FIRE RESISTIVE BUILDING MATERIALS
A. ALL INSULATING MATERIAL SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAME SPREAD RATING AND SMOKE DENSITY REQUIREMENTS PER CBC REQUIREMENTS.
B. INSULATION MATERIALS, WHEN CONCEALED AS INSTALLED IN BUILDINGS OF ANY TYPE OF CONSTRUCTION, SHALL HAVE A FLAME-SPREAD RATING OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 450 IN ACCORDANCE WITH 2013 CBC.
C. INSULATION, INSULATION JACKET, ADHESIVES, TAPES, ETC. SHALL BE APPLIED PER MANUFACTURERS WRITTEN INSTALLATION INSTRUCTIONS.

A.D.A. COMPLIANCE NOTES
1. INSULATE EXPOSED HOT WATER AND WASTE PIPING WITH NEATLY PRE-FORMED INSULATION COVERS BY McGUIRE "PROWRAP", OR EQUAL.
2. FIXTURE MOUNTING HEIGHTS FOR THE PHYSICALLY DISABLED SHALL CONFORM TO THE AMERICANS WITH DISABILITIES ACT AND OTHER AUTHORITIES HAVING JURISDICTION.

PIPE MATERIAL SCHEDULE
<b>DOMESTIC WATER PIPING</b>
A: COPPER TUBING: ASTM B88, TYPE L, HARD DRAWN.
1. FITTINGS: ASME B16.18, CAST COPPER ALLOY OR ASTM B16.22, WROUGHT COPPER AND BRONZE.
2. MECHANICAL PRESS SEALED FITTINGS: NSF/ANSI 61, DOUBLE PRESSED TYPE AND UTILIZING EPDM SEALING ELEMENT.
3. JOINTS: ASTM B32, ALLOY GRADE Sb5 TIN-ANTIMONY, OR ALLOY GRADE Sn95 TIN-SILVER, LEAD FREE SOLDER AWS A5.8 CLASSIFICATION BCuP-3 OR BCuP-4 SILVER BRAZED.
<b>SANITARY SEWER PIPING</b>
A: CAST IRON PIPE: CISPI 301, HUBLESS, SERVICE EIGHT
1. FITTINGS: CAST IRON, CISPI 301
2. JOINTS: CISPI 310, NEOPRENE GASKETS AND STAINLESS STEEL CLAMP AND SHIELD ASSEMBLIES.
<b>SEWER AND VENT PIPE (PLASTIC)</b>
1. BELOW AND ABOVE GRADE INSIDE BUILDING SCHEDULE 40 PVC ASTM D2665. UNDERGROUND INSTALLATION MUST COMPLY WITH ASTM-D2321.

PLUMBING LEGEND
1. NOTE: FOR THE PURPOSE OF CLEARNESS AND LEGIBILITY, THE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND ALTHOUGH SIZES AND LOCATIONS OF EQUIPMENT ARE DRAWN TO SCALE WHEREVER POSSIBLE, THE CONTRACTOR SHALL MAKE USE OF ALL DATA IN ALL OF THE CONTRACT DOCUMENTS AND VERIFY THIS INFORMATION PRIOR TO ORDERING, FABRICATING OR INSTALLING ANY MATERIALS.
2. CONTRACTOR SHALL COORDINATE ALL WORK SHOWN ON THESE DRAWINGS AND SPECIFICATIONS WITH ALL DISCIPLINES AND TRADES PRIOR TO SUBMITTAL OF BID AND INSTALLATION OF SYSTEM.
3. THE PLUMBING CONTRACTOR SHALL GUARANTEE ALL MATERIALS & LABOR (INCLUDING THE COMPLETE PLUMBING SYSTEM) FOR A PERIOD OF ONE YEAR FROM WRITTEN ACCEPTANCE BY THE OWNER. ANY DEFECTS IN MATERIALS & OR LABOR FOUND WITHIN THE GUARANTEE PERIOD SHALL BE REMEDIATED OR REPAIRED BY THIS CONTRACTOR IN A TIMELY FASHION, AT NO COST TO THE OWNER.
4. ALL PLUMBING FIXTURE LOCATIONS (WATER CLOSETS, LAVATORIES ETC.) ARE DIAGRAMMATIC & CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR ADA COMPLIANT FIXTURES, EXACT LOCATIONS, MOUNTING HEIGHTS & COLOR.
5. ANY DEVIATIONS FROM THE DRAWINGS OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER PRIOR TO INSTALLATION.
6. CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMITTAL OF BID AND FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS. SUBMITTAL OF BID WILL VERIFY THAT THE CONTRACTOR HAS VISITED THE SITE.
7. PIPING SHALL BE INSTALLED PARALLEL TO BUILDING LINES AND SUPPORTED AND ANCHORED AS REQUIRED TO FACILITATE EXPANSION AND CONTRACTION. THE INSTALLATION SHALL MEET ALL CONSTRUCTION CONDITIONS AND ALLOW FOR THE INSTALLATION OF OTHER TRADES.
8. TRAP PRIMERS FOR FLOOR DRAINS AND FLOOR SINKS AND WATER HAMMER ARRESTORS TO BE INSTALLED AS PER THE LISTED PLUMBING CODE AND THE LATEST EDITION OF THE AMERICAN SOCIETY OF SANITARY ENGINEERING (ASSE 1010) SIZING AND INSTALLATION REQUIREMENTS.
9. ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
10. ALL SERVICE WATER HEATING EQUIPMENT TO BE IN COMPLIANCE WITH THE STATE ENERGY CODE AND 2013 IECC REQUIREMENTS AND LABELED AS SUCH.
11. ALL ITEMS PROJECTING THROUGH THE ROOF SHALL BE FLASHED THROUGH CURBS OR PIPE SEALS A MINIMUM OF 12" ABOVE THE ROOF. THE PIPE CURBS AND SEALS SHALL BE INSTALLED BY THE ROOFING CONTRACTOR. ENSURE THAT AMPLE BOOT OPENINGS ARE PROVIDED TO ACCOMMODATE ANY ELECTRICAL CONDUIT PENETRATIONS REQUIRED FOR POWER.
12. CONTRACTOR TO REFER TO PLUMBING FIXTURE SCHEDULE FOR INDIVIDUAL WASTE, VENT & WATER CONNECTION SIZES AT EACH PLUMBING FIXTURE.
13. ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE AND LOCATED AS PER CODE REQUIREMENTS. THE CONTRACTOR SHALL COORDINATE ALL CLEAN OUT LOCATIONS WITH EQUIPMENT, MILLWORK, ETC., PRIOR TO INSTALLATION.
14. ALL PLUMBING FIXTURE VENTS TO TERMINATE A MINIMUM OF 12 INCHES FROM ANY VERTICAL SURFACE AND 10'-0" FROM OR 3'-0" ABOVE ANY MECHANICAL EQUIPMENT OUTSIDE AIR INTAKE.
15. ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS CONNECTED SUPPLY LINE UNLESS OTHERWISE NOTED ON DRAWINGS.
16. UNIONS SHALL BE PROVIDED AND INSTALLED AFTER EACH SCREW-TYPE VALVE AND PRIOR TO EQUIPMENT CONNECTIONS.
17. ALL UNDERGROUND METALLIC PIPE AND FITTINGS SHALL BE PROTECTED IN ACCORDANCE WITH THE SOILS ENGINEER'S RECOMMENDATIONS.
18. NO PIPING SHALL BE DIRECTLY EMBEDDED IN CONCRETE, MASONRY WALLS, OR CONCRETE FOOTINGS.
19. THE PLUMBING CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS FOR ALL POINTS OF CONNECTION WITH THE GENERAL CONTRACTOR AND OTHER TRADES PRIOR TO START OF WORK.
20. VERIFY EXACT LOCATIONS, DEPTH AND SIZE OF ALL PIPING TO WHICH CONNECTIONS ARE REQUIRED. COORDINATE ALL CONNECTIONS WITH SITE CONDITIONS AND SITE UTILITY CONTRACTOR/ REPRESENTATIVE.
21. ALL HORIZONTAL PIPING LINES EXTENDED AND CONNECTED TO EQUIPMENT SHALL BE RUN AT THE HIGHEST POSSIBLE ELEVATIONS AND NOT LESS THAN 6" ABOVE THE FLOOR TO PROVIDE CLEARANCE FOR CLEANING.
22. ALL CUTTING OF EXISTING PAVING, WALKS AND/OR FLOORS SHALL UTILIZE MACHINE SAW CUTTING EQUIPMENT. HOLES FOR PIPES IN CONCRETE WALLS OR FLOORS SHALL UTILIZE CORE DRILLING EQUIPMENT. COORDINATE WITH ARCHITECTURAL DETAILS FOR FLOOR CUTTING AND PATCHING.
23. THE PLUMBING CONTRACTOR IS TO PROVIDE ALL ADDITIONAL STEEL, HANGER MATERIALS, RODS AND CLAMPS AS REQUIRED FOR COORDINATION WITH WORK OF OTHER TRADES.
24. PIPING LAYOUT IS SCHEMATIC ONLY, EXACT ROUTING AND INSTALLATION OF PIPES TO BE COORDINATED WITH THE BUILDING STRUCTURE AND THE WORK OF OTHER CONTRACTORS.
25. NO LIQUID TRANSMISSION PLUMBING PIPING SHALL BE INSTALLED ABOVE ELECTRICAL SWITCH GEAR, EQUIPMENT, OR PANELS. MAKE ADJUSTMENTS NECESSARY TO REROUTE PIPING FOR ACTUAL INSTALLATION OF ELECTRIC EQUIPMENT.
26. WHENEVER FOUNDATION WALLS, EXTERIOR WALLS, ROOFS, ETC. ARE PENETRATED FOR THE INSTALLATION OF PLUMBING SYSTEMS, THEY SHALL BE PATCHED TO MATCH EXISTING CONSTRUCTION AND SEALED WEATHER TIGHT.
27. PLUMBING CONTRACTOR SHALL BE ON SITE AND PRESENT AT THE DATE OF TURNOVER.
28. ALL EXTERIOR EXPOSED WATER PIPING SHALL BE INSULATED AND PVC JACKETED. SEAL JACKET PER MANUFACTURER'S REQUIREMENTS.
29. LABEL ALL SHUT-OFF VALVES ABOVE THE CEILING AND IN THE WALL WITH ACCESS DOORS.
30. GENERAL CONTRACTOR TO VERIFY PRESSURE ON SITE EARLY TO VERIFY IF BOOSTER PUMPS ARE REQUIRED.

SYMBOL	ABBREVIATION	DESCRIPTION
	W	SANITARY WASTE
	GW	GREASE WASTE
	V	SANITARY VENT
	CW	DOMESTIC COLD WATER
	HW	DOMESTIC HOT WATER
	HWR	DOMESTIC HOT WATER RETURN
	G	LOW PRESSURE GAS
	MPG	MEDIUM PRESSURE GAS
	HPG	HIGH PRESSURE GAS
	CD	CONDENSATE DRAIN
	SD	STORM DRAIN
	OD	OVERFLOW STORM DRAIN
	VTR	VENT THRU ROOF
	SOV	VERTICAL SHUT-OFF VALVE
	SOV	SHUT-OFF VALVE
	PRV	PRESSURE REDUCING VALVE
		PRESSURE GAUGE
		THERMOMETER
	BV	BALL VALVE
	CV	CHECK VALVE
	U	UNION
	WHA	WATER HAMMER ARRESTOR WITH ACCESS PANEL
	TP	TRAP PRIMER WITH ACCESS PANEL
		PIPE UP
		PIPE DOWN
	FCO OR GCO	FLOOR OR GRADE CLEAN OUT
	SCO	2-WAY SERVICE CLEAN OUT
	WCO	WALL CLEAN OUT
	HB	HOSE BIBB
		CAPPED PIPE
	POC	POINT OF CONNECTION
	POR	POINT OF REMOVAL
		FLOOR DRAIN
	AP	ACCESS PANEL
	FFE	FINISHED FLOOR ELEVATION
	IE	INVERT ELEVATION
	FU	FIXTURE UNIT

SHEET INDEX	
SHEET NO.	DESCRIPTION
P-0.1	GENERAL NOTES, LEGEND AND SCHEDULES
P-0.2	PLUMBING DETAILS
P-1.1	PLUMBING FLOOR PLAN OVERALL
P-2.1	ENLARGED PLUMBING FLOOR PLAN - DEMO
P-3.1	ENLARGED PLUMBING FLOOR PLAN - PROPOSED



H2S Engineers Inc.  
 Consulting MEP Engineers  
 Anaheim, CA 92801  
 Ph: (714) 290-0718  
 E-mail: mverma@h2sengineers.com

architecture  
 planning  
 interior  
**GPA**  
 Giliis + Panichapan Architects,  
 1800 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
 TEL: (714) 688-6263

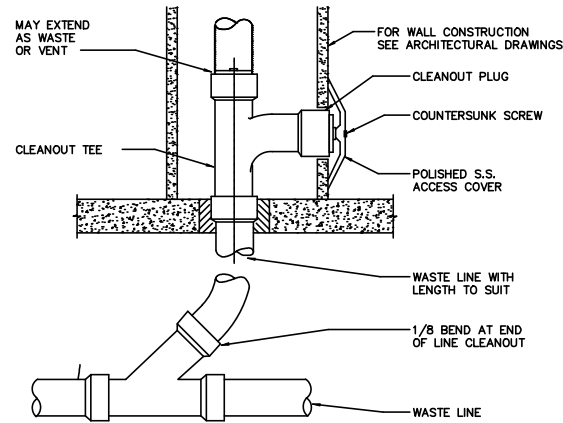
This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of Giliis+Panichapan Architects, Inc.

**BID SET**

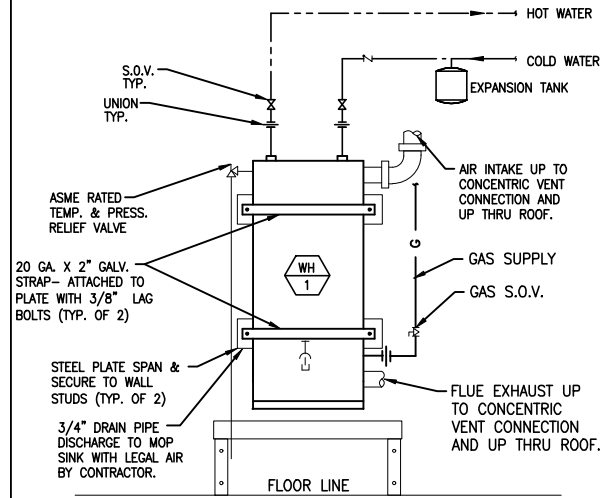
JOB NO.: 21122	DATE: 12/08/2021
DRAWN BY: H-SHETH	CHECKED BY: H-SHETH
SCALE: AS NOTED	

GENERAL NOTES, LEGEND & SCHEDULES  
**TOWN OF YUCCA VALLEY**  
 Senior Center - Kitchen Upgrades

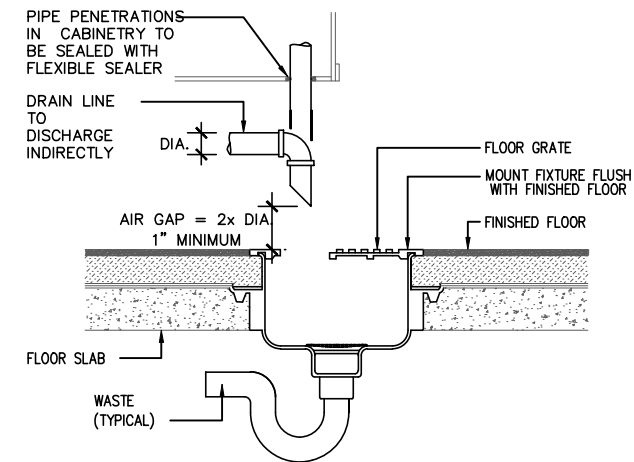
**P-0.1**



**WALL CLEAN OUT**  
SCALE: NONE **1**



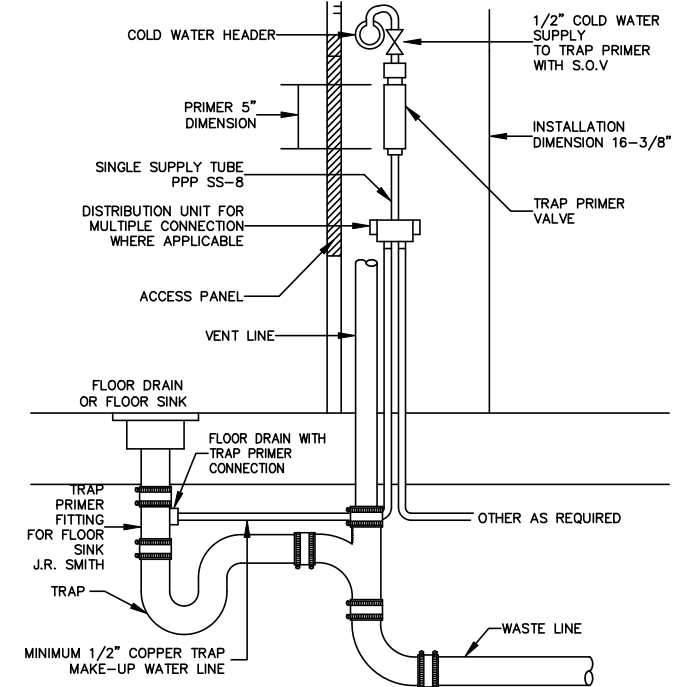
**GAS FIRED WATER HEATER**  
SCALE: NONE **2**



**INDIRECT WASTE TO FLOOR SINK**  
SCALE: NONE **3**

**NOTE:**

1. TRAP PRIMER VALVE SHALL BE MOUNTED ONE FOOT ABOVE THE FINISHED FLOOR.
2. PROVIDE MOUNTING BRACKETS AS REQUIRED.

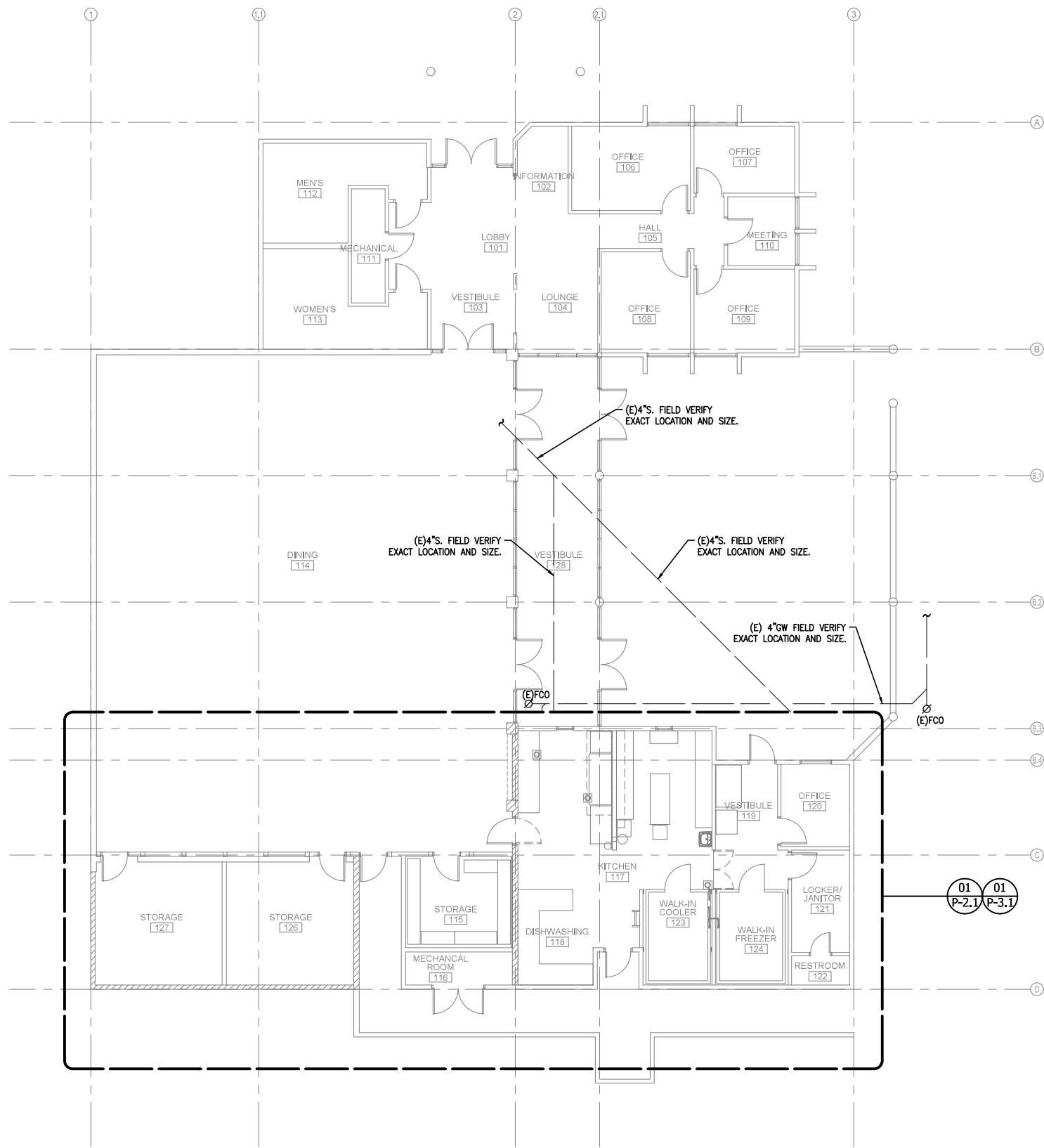


**TRAP PRIMER DETAIL**  
SCALE: NONE **4**

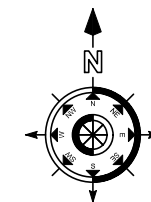
JOB NO.:	21122	DATE:	12/08/2021
DRAWN BY:	H.SHETH	CHECKED BY:	H.SHETH
SCALE:	AS NOTED		







01 PLUMBING FLOOR PLAN - OVERALL  
 P-1.1 Scale: 1/8" = 1'-0"



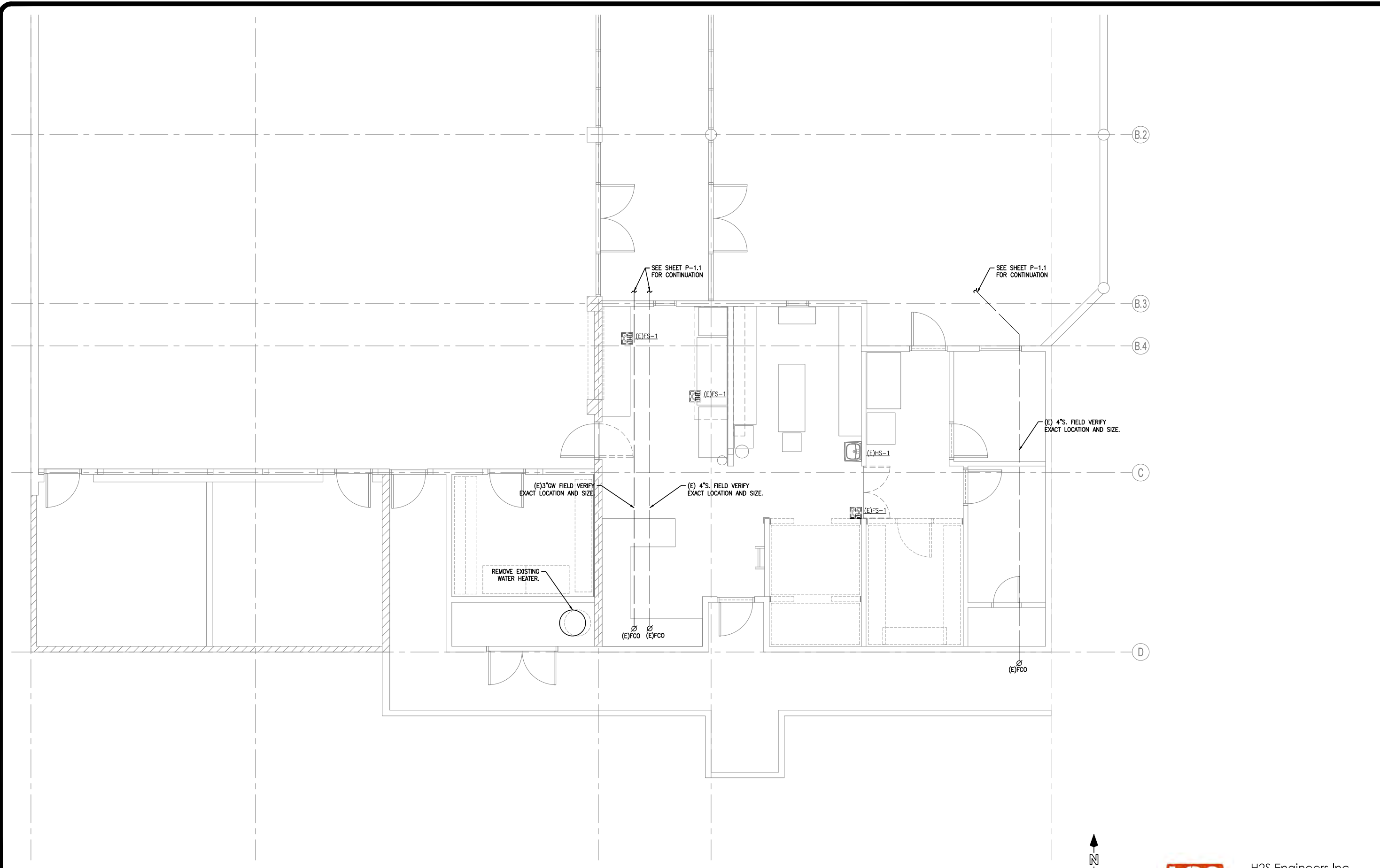
H2S Engineers Inc.  
 Consulting MEP Engineers  
 Anaheim, CA 92801  
 Ph: (714) 290-0718  
 E-mail: mverma@h2sengineers.com

This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of Gilis+Panichapan Architects, Inc.

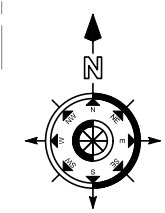
**BID SET**

JOB NO.:	21122	DATE:	12/08/2021
DRAWN BY:	H.SHEETH	CHECKED BY:	H.SHEETH
SCALE:	AS NOTED		

PLUMBING FLOOR PLAN - OVERALL  
**TOWN OF YUCCA VALLEY**  
 Senior Center - Kitchen Upgrades



01 ENLARGED PLUMBING FLOOR PLAN - DEMO  
 P-2.1 Scale: 1/4" = 1'-0"



H2S Engineers Inc.  
 Consulting MEP Engineers  
 Anaheim, CA 92801  
 Ph: (714) 290-0718  
 E-mail: mverma@h2sengineers.com

architecture  
 planning  
 interior  
**GPA**  
 Gilis + Panichapan Architects,  
 1800 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
 FAX (714) 688-4283 TEL (714) 688-4280

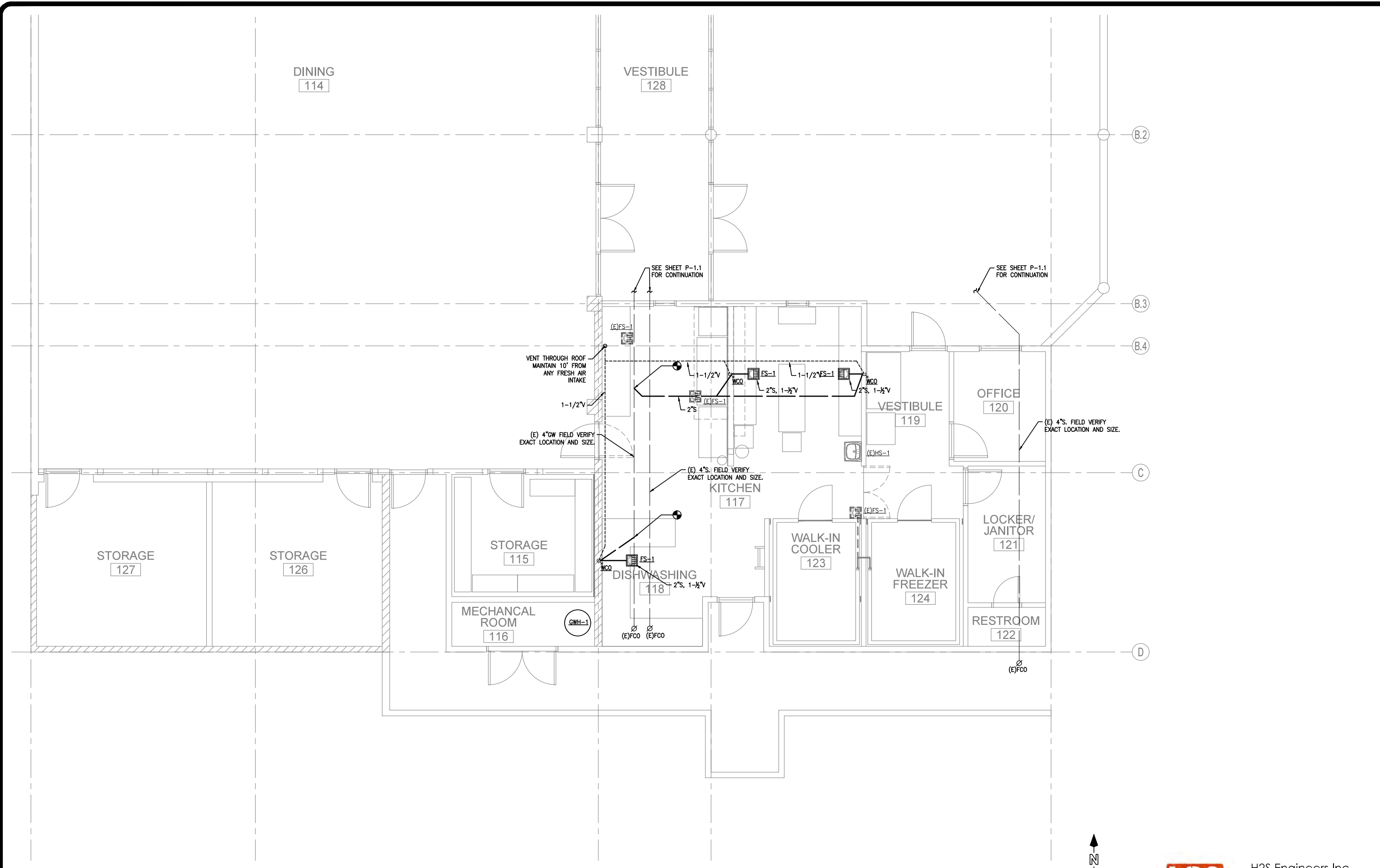
© Gilis+Panichapan Architects, Inc. All Rights Reserved  
 This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of Gilis+Panichapan Architects, Inc.

**BID SET**

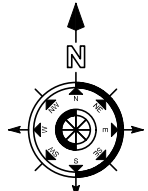
JOB NO.:	21122	DATE:	12/08/2021
DRAWN BY:	H.SHEETH	CHECKED BY:	H.SHEETH
SCALE:		AS NOTED	

ENLARGED PLUMBING FLOOR PLAN - DEMO  
 TOWN OF YUCCA VALLEY  
 Senior Center - Kitchen Upgrades

**P-2.1**



01 ENLARGED PLUMBING FLOOR PLAN  
 P-3.1 Scale: 1/4" = 1'-0"



H2S Engineers Inc.  
 Consulting MEP Engineers  
 Anaheim, CA 92801  
 Ph: (714) 290-0718  
 E-mail: mverma@h2sengineers.com

architecture  
 planning  
 interior  
**GPA**  
 Gilis + Panichapan Architects,  
 1800 BRISTOL STREET COSTA MESA CALIFORNIA 92626  
 FAX: (714) 688-4283 TEL: (714) 688-4280

© Gilis + Panichapan Architects, Inc. All Rights Reserved  
 This document and the structure depicted herein are the copyrighted property of, and may not be reproduced in any form without express written permission of Gilis + Panichapan Architects, Inc.

**BID SET**

JOB NO.:	21122	DATE:	12/08/2021
DRAWN BY:	H.S.HETH	CHECKED BY:	H.S.HETH
SCALE:	AS NOTED		

ENLARGED PLUMBING FLOOR PLAN  
**TOWN OF YUCCA VALLEY**  
 Senior Center - Kitchen Upgrades

**P-3.1**