PROPOSED STORAGE AT BUILDING A

PROPOSED STORAGE AT BUILDING A

PROPOSED STORAGE AT BUILDING A

PROPOSED STORAGE AT BUILDING B

ALAMEDA COUNTY FOOD BANK
TENANT IMPROVEMENT
BUILDING OWNER / TENANT
ALAMEDA COUNTY COMMUNITY FOOD BANK
7900 EDGEWATER DRIVE
OAKLAND, CA 94607
CONTACT: JOHN LUND, PROJECT SPECIALIST
T: 510 635 3663 X 702

CONTRACTOR
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2021 LAS POSITAS CT #113,
LIVERMORE, CA 94551
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STRUCTURAL ENGINEERING
TSA ENGINEERING
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BURLINGAME, CA 94010
CONTACT: TONY SAMRA
650.303.7747

MECHANICAL CONTRACTOR
ELECTRICAL CONTRACTOR
PLUMBING CONTRACTOR

ARCHIT STUDIO, LLP
ARCHITECTURE     PLANNING     INTERIOR
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CONTACT: MARCO FUNG
T: 650.270.1754
Not Released for Construction

Released for Construction

A401

24" DEEP MAT FOUNDATION

ELEVATION

SECTION

FRONT

FLOOR PLAN

20'-0" CONSTRUCTION

2021.110

COLUMN) (WELDED ON TUBE STEEL

Project No.

Date

4X4 RAINWATER LEADER

16 GA CORRUGATED METAL PANEL

ROLLUP DOOR

11' WIDE X 20' HIGH METAL

11' WIDE X 20' HIGH METAL

11' WIDE X 20' HIGH METAL

STEEL BEAM

STEEL ANGLE

STEEL STRUCTURE @ 96" OC MAX

2'-6" MIN

(ALL 3 SIDES)

AT EDGE OF ROOF

(ALL 3 SIDES)

AT EDGE OF ROOF

" STEEL ANGLE

1" STEEL ANGLE

3"X3"X

2" PER 12" 26 GA CORRUGATED ROOF

1" PER 12" 26 GA CORRUGATED ROOF

1" PER 12" 26 GA CORRUGATED ROOF

1" PER 12" 26 GA CORRUGATED ROOF

STEEL ANGLE

1" STEEL ANGLE

3"X3"X

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

GENERAL NOTES

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SECTION - CART STORAGE

SCALE: 1/12" = 1'-0"
EXISTING SKYLIGHT TYP
SOLAR PANEL
SOLAR PANEL
SOLAR PANEL
SOLAR PANEL

NEW COLD STORAGE BELOW
(SEE STRUCTURAL DWG FOR ROOF FRAMING IMPROVEMENT)

CDU-1
CDU-2
CDU-3

SEE ENLARGED ROOF PLAN - A406
SEE ENLARGED ROOF PLAN - A407

ROOF PLAN - BUILDING A
SCALE: 1/16" = 1'-0"
NORTH

ROOF PLAN - BUILDING B
SCALE: 1/16" = 1'-0"
NORTH

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GENERAL NOTES
1. REFER TO THE EXISTING DETAIL OF CONSTRUCTION/DRAWING.
2. REFER TO THE DETAIL OF CONSTRUCTION/DRAWING FOR INFORMATION.
3. PROVISIONAL CONSTRUCTION DETAILS AND NOTES ARE SUBJECT TO CHANGE.
4. PLAN CHANGES ARE SUBJECT TO CHANGE.
5. PROVIDE ADDITIONAL WORKSHOPS AND APPROVALS AS REQUIRED.
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NOTE: CLEAR PLASTIC PANEL AT CART STORAGE SHALL BE ABLE TO WITHSTAND 20 PSF IMPACT LOAD. INSTALLATION OF CLEAR PANEL SHALL MEET MANUF REQUIREMENT TO STOREFRONT FRAME (CONTRACTOR SHALL PROVIDE SUBSTITUTE TO MEET REQUIREMENT OF THE ABOVE)
**Turbo-Seal Insulated**

Simply the Industry’s Fastest, Most Energy-Efficient Insulated Door

- Easy installation and operation
- Exceptional weather sealing
- High performance
- Meets all AS Sanitary Norman requirements
- Meets ASHRAE 90.1-2010 performance criteria
- Expanded defrost capability
- Break-Away panel instantly self-repairs
- Full-height dual vinyl weather-seals
- Pathwatch® Safety Light System
- Dual cutoff switches
- Completely sealed battery enclosure eliminates moisture build-up
- Integrated thermal breaks
- Uniform thermal performance from top to bottom
- No heat-sealed pockets, stitching, spun polyester
- High pressure
- Break-away panel instantly self-repairs
- Full-height dual vinyl weather-seals
- Pathwatch® Safety Light System, dual cutoff switches
- Completely sealed battery enclosure eliminates moisture build-up
- Integral thermal breaks
- Uniform thermal performance from top to bottom
- Dual defrost systems
- Ry-Wi® Wireless System
- Reversing edge and thru-beam photo eyes
- Extremely Fast and Quiet
- Peak speed of up to 182” per second and average speed of up to 101” per second
- Energy Efficient & Tight Seal
- Smooth Operation
- Advanced self-diagnostics for controls power consumption during operation
- Intelligent processor monitors and controls power consumption during operation
- Quality . Performance . Reliability . rytec Doors .com

**Turbo-Seal Freezer**

Ultimate High-Speed Insulating Door for Freezers and Coolers

- Building speed up to 182” per second
- Easy installation and operation
- Exceptional weather sealing
- High performance
- Meets all AS Sanitary Norman requirements
- Expanded defrost capability
- Break-Away panel instantly self-repairs
- Full-height dual vinyl weather-seals
- Pathwatch® Safety Light System, dual cutoff switches
- Completely sealed battery enclosure eliminates moisture build-up
- Integral thermal breaks
- Uniform thermal performance from top to bottom
- Dual defrost systems
- Ry-Wi® Wireless System
- Reversing edge and thru-beam photo eyes
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- Energy Efficient & Tight Seal
- Smooth Operation
- Advanced self-diagnostics for controls power consumption during operation
- Intelligent processor monitors and controls power consumption during operation
- Quality . Performance . Reliability . rytec Doors .com

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**Specification**

- **Turbo-Seal Insulated**
  - Door panel: 3-ply panel
  - 3 defrost system configuration options available

- **Turbo-Seal Freezer**
  - Door panel: 3-ply panel
  - 3 defrost system configuration options available

**Warranty**

- One-year limited warranty on mechanical components
NOTE: ANY ITEMS STATING YES ON THIS SHEET SHALL BE APPLIED TO THE PROJECT
2019 California Green Building Standards Code
Nonresidential Mandatory Measures, Sheet 1 (January 2020, Includes August 2019 Supplement)

SECTION 5.4. MATERIAL CONSERVATION AND RESOURCE EFFICIENCY

NOTE: ANY ITEMS STATING YES ON THIS SHEET SHALL BE APPLIED TO THE PROJECT
### 2019 California Green Building Standards Code
#### Nonresidential Mandatory Measures, Sheet 1
(January 2020, Includes August 2019 Supplement)

#### Table A1102

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Land Use and Development Impact Reductions</td>
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<tr>
<td>2</td>
<td>Energy Conservation (Electricity)</td>
</tr>
<tr>
<td>3</td>
<td>Energy Conservation (Natural Gas)</td>
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<tr>
<td>4</td>
<td>Water Conservation</td>
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<td>5</td>
<td>Water Quality Protection</td>
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<tr>
<td>6</td>
<td>Indoor Air Quality</td>
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<td>7</td>
<td>Safety and Security</td>
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<tr>
<td>8</td>
<td>Environmental Quality</td>
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<td>9</td>
<td>Material Resource Efficiency</td>
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<tr>
<td>10</td>
<td>Transportation</td>
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</tbody>
</table>
1. Ceiling Channel Support

2. Typical Wall to Wall / Wall to Ceiling Connection

3. Typical Panel Connection

4. Cooler to Freezer Ceiling Transition

5. 5" to 4" Wall Connection

6. Typical Cooler Base Detail

7. Typical Freezer Base & Freezer Floor Detail
### Process Systems

**BIM 5004 INTEGRATION**

<table>
<thead>
<tr>
<th>Process Systems</th>
<th>BIM 5004 Integration Evaluation</th>
<th>BIM 5004 Integration Evaluation</th>
<th>BIM 5004 Integration Evaluation</th>
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<td><strong>BIM 5004 Integration</strong></td>
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<tr>
<td>**A. **</td>
<td>**B. **</td>
<td>**C. **</td>
<td>**D. **</td>
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### Process Systems

**COMPREHENSIVE INTEGRATION EVALUATION**

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<tr>
<th>Component</th>
<th>Evaluation Methodology</th>
<th>Evaluation Results</th>
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<td><strong>A.</strong></td>
<td><strong>B.</strong></td>
<td><strong>C.</strong></td>
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</tbody>
</table>

**REFERENCES**

1. California Energy Commission
2. International Code Council
3. National Fire Protection Association

**ACKNOWLEDGMENTS**

Acknowledgments and contributions made to the project by various stakeholders are listed in the following sections:

- **A.** Authors and Contributing Engineers
- **B.** Contractors and subcontractors
- **C.** Municipal authorities and regulatory bodies

**DISCLAIMER**

The information contained in this document is preliminary and subject to change. Any reader should consult the latest version of the project documentation for the most current information.
Call 811 Before Digging

PG&E SITE REQUIREMENTS

1. PG&E will furnish and install the underground service conductors and make connections in the
   applicant's service termination enclosure.
2. Prior to cable installation, prove all conduits free and clear by means of a PG&E approved mandrel. A
   PG&E approved polymer, flat pulling tape, with sequential footage markings every foot, and
   3,500-pound minimum tensile strength must be installed in all conduits and attached to an end cap.
3. Conduits must be sealed at both ends using one of the PG&E approved sealing method shown in
   Document 051122.
4. The minimum bending radius for 5" conduit is 36".
5. 5" Vertical 90° manufactured sweep is required to be installed to meet trench grade. The riser conduit
   must not protrude away from the wall or mounted panel.
6. The conduit end must extend at least 12 inches beyond the foundation. Install the sweep in the
   direction of the service trench. If a deeper trench is required, the sweep must extend to the same
   depth as the conduit in the trench.
7. A minimum of 24 inches of cover must be maintained from the top of conduit to the final grade.
8. Provide suitable barriers for the protection of the transformer. PG&E shall determine the protection
   requirements according to Document 051122.
9. The transformer pad shall be placed on firm, compacted native material or on engineered fill which has
   been placed and compacted to specified levels as noted below.
10. The area under the pad shall be excavated to the required grade, or to a depth necessary to reach
    firm, compacted material, whichever is deeper. The material can be considered firm if it cannot be
    penetrated by thumb except with moderate effort.
11. If firm material has not been reached within a depth of 3 feet, excavate 3 feet beyond the perimeter of
    the pad and backfill the entire excavated area to the required grade and to the requirements below.
12. In case it has been necessary to excavate deeper than the required grade to reach firm material,
    backfill to the required grade in one of the following ways:
    a. Backfill with clean, non-expansive soil compacted to 80% of maximum density. Soil shall be placed
       in layers not more than 8 inches thick before compaction. Minimum density and in-place density is to
       be determined by California Test Method No. 216-GL Part I and II respectively, or by ASTM D-
       1556 and ASTM D-1557 respectively. A copy of the test results may be required by PG&E.
    b. Backfill with soil-cement slurry consisting of one sack of Portland cement per cubic yard and clean
       native soil or sand. When clay is used as a backfill material, the customer will not be required to
       use a poured-in-place pad.
13. In areas of known soft soil conditions, trenches within the pad excavation area for the installation of
    conduits shall be backfilled in one of the ways specified in Note 14 on Page 2.
14. In areas of known soft soil conditions, the riser conduit shall be placed on a 3-inch layer of slurry backfill or sand
    as noted below. The transformer pad shall be placed on firm, compacted native material or on engineered fill which has
    been placed and compacted to specified levels as noted below.
15. Conduit windows shall be grouted with non-shrink grout (asphalt or blacktop is not approved for
    ground rod grouting).
16. A minimum distance of 6 feet shall be maintained between ground rods.
17. Bell ends of conduits should be placed approximately 1 inch above the concrete pad surface. If bell
    ends are removed, install and bed fittings. Temporarily plug or cap all conduits. Bell ends must extend
    2" above the pad.
18. Only PG&E approved utility electric-service-related equipment and structures may be installed in the
    area beneath the transformer pad. The area 6 feet deep and 12 inches horizontally around the pad
    shall be free of all foreign substructures.
19. The installation of the pad includes the two ground rods and the interconnecting ground wire.
20. The ground wire must be a continuous wire that runs from the outside ground rod, under the pad,
    to the primary window, then above the pad from the primary window through the secondary window,
    to the secondary ground rod as shown below. Provide two (2) Ground Rods, 5/8" x 8’, Copperclad and
    two (2) Ground Rod Clamps.

SERVICE ENTRANCE SWBD

SITE NOTES

1. PROVIDE 5" SCHEDULE 80 PVC CONDUIT FROM PG&E POLE TO PRIMARY WINDOW AT NEW
   TRANSFORMER PAD.
2. PRIMARY CONDUIT SHALL EXTEND 10 FEET ABOVE GRADE AT THE POLE, UNLESS DIRECTED
   OTHERWISE BY PG&E.
3. PROVIDE (5) 5" SCHEDULE 80 PVC CONDUITS FROM THE SECONDARY WINDOW AT THE NEW
   TRANSFORMER PAD TO THE UNDERGROUND PULL SECTION OF THE NEW METER MAIN.
4. CONDUITS ELBOWS SHALL HAVE MINIMUM 36° RADIUS.
5. CONDUITS SHALL SET IN A SAND BED.
6. CONDUITS SHALL HAVE MINIMUM 36° COVER.
7. COMPLY WITH PG&E SITE REQUIREMENTS.

8. PROVIDE PRECAST TRANSFORMER PAD AS MANUFACTURED BY OLDCASTLE 90" x 105" x 5" PG&E
   CODE: 04-0292.
9. PROVIDE PG&E APPROVED BOLLARDS AT NEW TRANSFORMER AND METER MAIN AS SHOWN.
10. PROVIDE CONCRETE PAD FOR METER MAIN, 4" THICK, (PROTRUDING 2" ABOVE GRADE) AND
    EXTENDING 4" BEYOND SIDES AND FRONT OF EQUIPMENT.
11. REMOVE EXISTING CONDUIT MOUNTED TRANSFORMER. COORDINATE WITH PG&E.
12. REMOVE EXISTING TRANSFORMER PAD. COORDINATE WITH PG&E.
13. REMOVE EXISTING PRIMARY CONDUIT. COORDINATE WITH PG&E.
14. REMOVE EXISTING SECONDARY CONDUIT. COORDINATE WITH PG&E.
15. REMOVE EXISTING BOLLARDS.
16. PROVIDE NEW BOLLARDS AT BACK OF NEW TRANSFORMER PAD.
17. CUT OFF CONDUITS AND SEAL THE CONDUIT OPENINGS.
18. PATCH AND REFILL TO MATCH EXISTING SURFACE.
19. REMOVE SQ. D. PULLBOX AND ITS CONCRETE PAD.
20. CUT OFF CONDUITS AND SEAL THE CONDUIT OPENINGS.
21. SEAL HOLE IN BUILDING WALL AND PATCH TO MATCH ADJACENT SURFACE.
22. REMOVE CONDUITS BETWEEN SSQ D BOX AND PULLBOX.
23. REMOVE THE PULLBOX.
24. SEAL HOLE IN BUILDING WALL AND PATCH TO MATCH ADJACENT SURFACE.

XFMR PAD GROUNDING

Call 811 Before Digging

PG&E TRANSFORMER AND PULL SECTION

Scale: 1" = 10'