1. THE STRUCTURAL DESIGN IS BASED ON THE STRUCTURE IN ITS COMPLETE STATE. TYPICAL DETAILS ARE TO BE SUPPLIED IN ACCORDANCE WITH THE PROJECT DRAWINGS AND SPECIFIC DETAILS FOR J OINTS, BRACING AND CONSTRUCTION DETAILS. THE STRUCTURAL DESIGN IS TO BE CONFORM TO THE REQUIREMENTS OF R ECOMMENDED PRACTICE SECTIONS OF AISC 360-10.

2. STRUCTURAL DRAWINGS SHALL BE PROVIDED TO THE CONTRACTOR AND TO THE SUBCONTRACTORS. THE CONTRACTOR SHALL PREPARE SHOP DRAWINGS IN ACCORDANCE WITH AISC 360-10.

3. LOCATION AND SIZE OF OPENINGS IN FLOORS, ROOFS AND WALLS SHALL BE C stifled IN THE SHOP DRAWINGS. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS IN ACCORDANCE WITH THE PROJECT DRAWINGS.

4. NO PIPES, CONDUITS OR DEVICES SHALL BE PLACED IN SLABS, SLABS FOOTINGS OR WALLS UNLESS SPECIFICALLY DETAIL ON STRUCTURAL DRAWINGS FOR THAT PURPOSE.

5. LOCATION AND SIZE OF EQUIPMENT SHALL BE C stifled IN THE SHOP DRAWINGS. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS IN ACCORDANCE WITH THE PROJECT DRAWINGS.

6. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND OTHER SPECIALIST DRAWINGS FOR LOCATION.

7. THE CONTRACTOR SHALL MEASURE THEプロジェクト WITH A PICTION AND PROVIDE A SUBMISSION OF SHOP DRAWINGS FOR ANY ADDITIONAL EQUIPMENT.

8. THE CONTRACTOR SHALL MEASURE THEプロジェクト WITH A PICTION AND PROVIDE A SUBMISSION OF SHOP DRAWINGS FOR ANY ADDITIONAL EQUIPMENT.


10. THE CONTRACTOR SHALL MEASURE THEプロジェクト WITH A PICTION AND PROVIDE A SUBMISSION OF SHOP DRAWINGS FOR ANY ADDITIONAL EQUIPMENT.

11. THE CONTRACTOR SHALL MEASURE THEプロジェクト WITH A PICTION AND PROVIDE A SUBMISSION OF SHOP DRAWINGS FOR ANY ADDITIONAL EQUIPMENT.

12. THE CONTRACTOR SHALL MEASURE THEプロジェクト WITH A PICTION AND PROVIDE A SUBMISSION OF SHOP DRAWINGS FOR ANY ADDITIONAL EQUIPMENT.

13. THE CONTRACTOR SHALL MEASURE THEプロジェクト WITH A PICTION AND PROVIDE A SUBMISSION OF SHOP DRAWINGS FOR ANY ADDITIONAL EQUIPMENT.


GENERAL NOTES

CONCRETE

TABULATION 1.9

锅形态: [CONCRETE]

CONCRETE FOUNDATION DETAILS

<table>
<thead>
<tr>
<th>CONCRETE STRUCTURE</th>
<th>MINIMUM STRENGTH (MPA)</th>
<th>DENSITY (kg/m3)</th>
<th>MAXIMUM WATERS (kg/m3)</th>
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</thead>
<tbody>
<tr>
<td>BOOM LIFT</td>
<td>2400</td>
<td>2000</td>
<td>4000</td>
</tr>
<tr>
<td>C84.2</td>
<td>1800</td>
<td>1600</td>
<td>2800</td>
</tr>
<tr>
<td>ACI 530-11</td>
<td>1400</td>
<td>1200</td>
<td>2000</td>
</tr>
<tr>
<td>ACI 530-11</td>
<td>1200</td>
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</tr>
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<td>ASTM C670</td>
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<td>1200</td>
</tr>
<tr>
<td>ASTM C92868-4713</td>
<td>600</td>
<td>500</td>
<td>1000</td>
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</tbody>
</table>

CONCRETE PLACEMENT AND COMPACTING:

ALL CONCRETE SHALL BE PLACED WITHIN THE SCHEDULED TIMES. CENTRAL PLACING IS TO BE USED. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ANY ADDITIONAL EQUPMENT.

CONCRETE REINFORCEMENT:

ALL REINFORCEMENT SHALL BE PLACED IN ACCORDANCE WITH THE PROJECT DRAWINGS AND SPECIFIC DETAILS FOR J OINTS, BRACING AND CONSTRUCTION DETAILS. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS IN ACCORDANCE WITH THE PROJECT DRAWINGS.

CONCRETE JOINTS:

ALL JOINTS SHALL BE DETAILS TO BE PLACED IN ACCORDANCE WITH THE PROJECT DRAWINGS AND SPECIFIC DETAILS FOR J OINTS, BRACING AND CONSTRUCTION DETAILS. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS IN ACCORDANCE WITH THE PROJECT DRAWINGS.

MECHANICAL, ELECTRICAL, PLUMBING AND OTHER SPECIALIST DRAWINGS:

ALL MECHANICAL, ELECTRICAL, PLUMBING AND OTHER SPECIALIST DRAWINGS SHALL BE PROVIDED TO THE CONTRACTOR AND TO THE SUBCONTRACTORS. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS IN ACCORDANCE WITH THE PROJECT DRAWINGS.

PLUMBING, FIRE PROTECTION AND ELECTRICAL DRAWINGS:

ALL PLUMBING, FIRE PROTECTION AND ELECTRICAL DRAWINGS SHALL BE PROVIDED TO THE CONTRACTOR AND TO THE SUBCONTRACTORS. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS IN ACCORDANCE WITH THE PROJECT DRAWINGS.

THREE-DIMENSIONAL MODELS:

THE CONTRACTOR SHALL PROVIDE A THREE-DIMENSIONAL MODEL OF THE PROJECT.

DRAWINGS AND SPECIFICATIONS:

THE CONTRACTOR SHALL PROVIDE DRAWINGS AND SPECIFICATIONS IN ACCORDANCE WITH THE PROJECT DRAWINGS.

GENERAL NOTES:

CONCRETE:

ALL CONCRETE SHALL BE PLACED WITHIN THE SCHEDULED TIMES. CENTRAL PLACING IS TO BE USED. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ANY ADDITIONAL EQUPMENT.

CONCRETE REINFORCEMENT:

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CONCRETE JOINTS:

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THREE-DIMENSIONAL MODELS:

THE CONTRACTOR SHALL PROVIDE A THREE-DIMENSIONAL MODEL OF THE PROJECT.

DRAWINGS AND SPECIFICATIONS:

THE CONTRACTOR SHALL PROVIDE DRAWINGS AND SPECIFICATIONS IN ACCORDANCE WITH THE PROJECT DRAWINGS.

2. STEEL CONNECTIONS SHALL BE MADE WITH HIGH STRENGTH TYPE BOLT OR TYPE C SCREW AS RECOMMENDED. BOLTS SUBJECT TO CORROSION SHALL BE PRE-TREATED AND "COLOR-CODED" AS PER SPECIFICATION FOR STRUCTURAL STEEL "COLOR CODE" AS PER AWS D1.1, 999.

3. ALL BOXED CONNECTIONS SHALL HAVE A MINIMUM OF TWO 5/8" BOLTS, UNLESS OTHERWISE SPECIFIED.

4. MINIMUM DIAM. BRIDGE SPANS PROVIDED OF BOLTS TO MINIMIZE STRESS OF PLATE OR STRUCTURAL Element SHALL BE 8 BOLTS DIAMETERS OR 1 1/2", WHICHER IS GREATER, UNLESS OTHERWISE SPECIFIED.

5. ALL STEEL JOINTS SHALL BE ACHIEVED BY WELDING OR FUSION WELDING WITH NUTS AND FLAT NUT BOLTS OR OTHER MATERIAL.

6. ALL WELDING SHALL CONFORM TO SPECIFICATION OF AWS, AWS D1.1 AND AWS E8. STEEL WELDING PROCESSES AND ELECTRODES TO BE PERFORMED BY WELDERS CERTIFIED PER AWS AND REQUIREMENTS.

7. ALL STEEL, AND MISC. STEEL, EXCEPT TO WELD OR WELDABLE SHALL BE KILLED.

8. ATTACHMENT TO TWO WELD DRUM CONNECTORS SHALL BE THROUGH DEAD TO SUPPORTING STRUCTURAL MEMBERS IN FIELD, ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND AWS D1.1. MINIMUM TENSILE TESTS FROM CONNECTORS AND DECK BEFORE PLACING CONCRETE.

9. ATTACHMENTS TO HANGER STEEL AND MISCELLANEOUS STEEL EXCEPT TO WELD OR WELDABLE SHALL BE KILLED.

10. ALL TEST RIGIDITY OF STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF THE L.A. COUNTY BUILDING CODE, ADEQ, TITLE 21, CHAPTER 17.

11. ALL FABRICATED BOLTS IN PLANTS HEAVIER THAN 1/2" IN DIAM. AND ALL PLATED GREATER THAN 2" SHALL HAVE A MINIMUM COMPLIANCE TO "STRENGTH OF MUSCLE" IN PLANT AND TESTED TO THE ALTERNATE LOCATIONS AS DESCRIBED IN A325.

12. ALL STRUCTURAL STEEL, MISCELLANEOUS STEEL SHALL CONFORM TO AWS SPECIFICATIONS A500 GRADE B, A-522 GRADE B, A-523 GRADE B, MINIMUM BEARING ON SUPPORT STEEL BE A MINIMUM OF 50,000 PSI OR MORE.

13. ALL NUTS SHALL BE COMPLETELY TIGHTENED, BUT NOT EXCESSIVELY.

14. WELDING ELECTRODES SHALL BE C-50 LOW HYDROGEN.

15. ALL BUTT WELD SHALL BE FULL "REMOVAL OF BUTT WELD".

16. IMPACT OF STRUCTURAL STEEL MEMBERS WHERE NOT DETELED IN "SHAPES" IS PREVENTED FROM APPROVAL.

17. FABRICATE STEEL CONFORM TO THE INITIAL JUGGER.

18. BAR PLATING, BOLTS, NUTS, NAIL, HANGER AND EXPOSED TO BOX, SHALL BE COVERED WITH A MINIMUM OF 3" OF CONCRETE PRIOR TO FINISHING.

19. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND OBTAIN APPROVAL PRIOR TO FABRICATION.

20. ALL TEMPORARY ERECTION BRACKETS ARE TO BE FIXED TO WELD HIGN IN PLACE UNTIL ALL STRUCTURAL MEMBERS ARE PROPERLY ALIGNED AND CONNECTED.

21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF ALL ERECTION PROCEDURES AND INSTRUCTIONS.

WELDING

1. WELD LENGTH SHOWN ARE EFFECTIVE LENGTH PER CODE, WHERE LENGTH IS NOT SHOWN, THE WELD SHALL BE FULL LENGTH OF JOINT.

2. ALL MIN. COMPONENTS SHOWN ON DRAWINGS OR REQUIRED BY THE CODE MAY BE FIELD OR SHIP WELDED AS REQUIRED FOR EFFECTIVE JOINT, SUBJECT TO THE APPROVAL OF THE ENGINEER.

3. ALL WELDING OF STRUCTURAL STEEL, SHALL BE PER LAST EDITION OF AWS D1.1.

4. CONTINUOUS INSPECTIONS ARE REQUIRED FOR ALL FILL WELDING AND SHALL BE PERFORMED BY CERTIFIED PERSONS CERTIFIED BY THE AGENCY HAVING JURISDICTION.

5. ALL WELDING SHALL BE CERTIFIED PER REQUIREMENTS SUBMIT WELDERS CERTIFICATIONS FOR USE BY THE WELDING INSPECTOR.

STEEL DECK

1. STEEL DECKING SHALL REST EQUITABLY UPON THE TOP PLANE OF THE SUPPORTING MEMBERS.

2. STEEL DECK MATERIAL, AND INSTALLATION SHALL MEET THE REQUIREMENTS OF THE STEEL DECK INSTITUTE'S BROADSIDE.

3. ALL STEEL WELDERS AND THE PLANERS OF THE SUPPORTING MEMBERS, SHALL BE PROOF OF CERTIFICATES OF TRAINING, AND OTHER FOREIGN MATERIALS.

4. WELDING ON THE DECK OR BETWEEN THE DECK AND SUPPORTING MEMBERS SHALL BE REMOVED BEFORE WELDING.

5. ALL STEEL DECK SHALL BE CONTINUOUS OVER 5 DIAMETER SPANS UNLESS STATED.

6. ALL STEEL DECK SHALL BE WELDED TO CONFORM TO SPECIFICATIONS AS REQUIRED BY THE DECK MANUFACTURER.

7. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.

8. INSTALL WELDING USING PERMITTED PROCESS.

9. ALL STEEL DECK SHOULD BE A MINIMUM OF 714" A-36 THICKNESS, OR AS REQUIRED.

10. PROVIDE SHOP DRAWINGS AND INSPECTION PRIOR TO FABRICATION.
**LEVEL B**

**PRE-INSTALLATION VERIFICATION TESTING**

<table>
<thead>
<tr>
<th>INSPECTION TASK</th>
<th>CONTINUOUS</th>
<th>PERIODIC</th>
<th>ASTM AND AISC</th>
<th>ANSIZ</th>
<th>AISC/ACI 530/ASCE 415</th>
</tr>
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<tbody>
<tr>
<td>1. Verify compliance with the approved submittals</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>ART 1.5</td>
</tr>
<tr>
<td>2. Masonry construction signals verify that the foundations are in compliance</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ART 3.2.3.6.8</td>
</tr>
<tr>
<td>a. Proportions of GRC Pre-filled Mortar</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ART 2.1.5.7</td>
</tr>
<tr>
<td>b. Construction of Mortar Joints</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ART 3.3.3.3.6.8</td>
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<tr>
<td>c. Grout and rebar of prestressing tendons and anchorages</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ART 2.5.6.7.8.9.10.11.12</td>
</tr>
<tr>
<td>d. Location of reinforcement, connections, and prestressing tendons and anchorages</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ART 3.4.3.6.8</td>
</tr>
<tr>
<td>e. Prestressing Technique</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ART 3.3.5</td>
</tr>
<tr>
<td>f. Properties of Thinned Mortar for Arc Masonry</td>
<td>X</td>
<td>X</td>
<td>ART 1.5.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. Prior to grouting, verify that the following are in compliance</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>h. Grout Space</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ART 3.2.3.2.7</td>
</tr>
<tr>
<td>i. Height, size, and size of reinforcement and anchor bolt and prestressing tendons and anchorages</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ART 2.4.3.6.7.8.9.10.11.12</td>
</tr>
<tr>
<td>j. Location of reinforcement, connections, and prestressing tendons and anchorages</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ART 2.5.6.7.8.9.10.11.12</td>
</tr>
<tr>
<td>k. Proportions of Thinned Mortar for Arc Masonry</td>
<td>X</td>
<td></td>
<td>ART 1.5.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>l. Construction of Mortar Joints</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ART 3.3.5</td>
</tr>
<tr>
<td>m. Verify masonry construction</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ART 3.3.5</td>
</tr>
<tr>
<td>n. Size and location of structural elements</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ART 3.3.5</td>
</tr>
<tr>
<td>o. Type, size, and location of anchors including other details of anchorages of masonry to structural elements (GFRP or CSFRP construction)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ART 2.4.3.6.7.8.9.10.11.12</td>
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<tr>
<td>p. Welding reinforcement</td>
<td></td>
<td></td>
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<td>ART 2.1.5.7.8.9.10.11.12.13.14.15.16</td>
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<tr>
<td>q. Pretensioning, construction and protection of masonry during cold weather, temperature below 40 degrees F (4.4 degrees C) not greater than 0 degrees F (26.6 degrees C)</td>
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<td>ART 2.6.1.5.7.8.9.10.11.12.13.14.15.16</td>
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<tr>
<td>r. Application and measurement of prestressing forces</td>
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<td>ART 3.3.5.6.7.8.9.10.11.12.13.14.15.16</td>
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<tr>
<td>s. Placement of grout and prestressing grout for bonded tendons in GFRP or CSFRP composite</td>
<td></td>
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<td></td>
<td>ART 3.3.5.6.7.8.9.10.11.12.13.14.15.16</td>
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<tr>
<td>t. Placement of Arc Masonry Units and Construction of Thinned Mortar Joints</td>
<td>X</td>
<td>X</td>
<td>ART 3.3.5.6.7.8.9.10.11.12.13.14.15.16</td>
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<tr>
<td>u. Ongoing preparation of grout specimens, mortar specimens, and anchor plugs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ART 3.3.5.6.7.8.9.10.11.12.13.14.15.16</td>
</tr>
</tbody>
</table>

(1) Frequency refers to the frequency in which the inspection must be performed during the task listed. The listed inspection task shall be performed continuously or periodically during the task listed. The listed inspection task shall be performed at least once per working day during the time period specified. Inspections performed during the construction of the task listed may be performed on the same day as the task listed.

(2) Frequency refers to the frequency in which the inspection may be performed during the task listed. The listed inspection task shall be performed at least once per working day during the time period specified. Inspections performed during the construction of the task listed may be performed on the same day as the task listed.

(3) Inspection frequency referred to the frequency in which the inspection is required after the task is completed. The listed inspection task shall be performed at least once per working day during the time period specified. Inspections performed after the task is completed may be performed on the same day as the task completed.

| TABLE N.1, AISC 360-10 INSPECTION TASKS PRIOR TO CONCRETE PLACEMENT |

<table>
<thead>
<tr>
<th>INSPECTION TASK</th>
<th>QC</th>
<th>QA</th>
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</thead>
<tbody>
<tr>
<td>Placement of Steel Elements of Construction Prior to Concrete Placement</td>
<td>QC</td>
<td>QA</td>
</tr>
<tr>
<td>Placement and Installation of Steel, Deck,</td>
<td>QC</td>
<td>QA</td>
</tr>
<tr>
<td>Placement and Installation of Steel, Headed Stud Anchors</td>
<td>QC</td>
<td>QA</td>
</tr>
<tr>
<td>Document Acceptance or Rejection of Steel Elements</td>
<td>QC</td>
<td>QA</td>
</tr>
</tbody>
</table>

| TABLE N.1A, AISC 360-10 INSPECTION TASKS DURING BOLTING |

| INSPECTION TASKS DURING BOLTING |
|-----------------|----|----|
| Inspection Tasks Prior to Bolting | QC | QA |
| Preassembled Connections Available for Fastening Materials | QC | QA |
| Fasteners Marked in Accordance with ASTM Requirements | QC | QA |
| Proper Fasteners Selected for the Joint Detail (Grade, Type, Bolt Length and Dia.) Listed in Table | QC | QA |
| Proper Bolting Procedures Selected for Joint Detail | QC | QA |
| Connecting Elements Including the Appropriate Joint Details | QC | QA |
| Inspection During Continuous Process | QC | QA |

| TABLE N.1B, AISC 360-10 INSPECTION TASKS AFTER BOLTING |

<table>
<thead>
<tr>
<th>Inspection Tasks After Bolting</th>
<th>QC</th>
<th>QA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inspection Tasks In Bolting</td>
<td>QC</td>
<td>QA</td>
</tr>
<tr>
<td>Document Acceptance or Rejection of Bolted Connections</td>
<td>QC</td>
<td>QA</td>
</tr>
</tbody>
</table>
FOUNDATION NOTES:
1. SEE SHEETS S-1.1 THROUGH S-0.7 FOR STRUCTURAL, GENERAL NOTES AND TYPICAL DETAILS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR CONTENT OF SLOTS DIMENSIONS.
3. FOR SLAB ON GRADE CONTROL JOINTS, SEE DETAIL A 8-0.5.
4. ALL FOOTINGS SHALL BE CENTERED BELOW WALLS.

FOUNDATION & FRAMING LEGEND:
- DENOTES CMU WALLS
- DENOTES SPAN DIRECTION & TYPE OF DECK PER DETAIL B2 8-0.7

6" CONCRETE SLAB ON GRADE
- W/ 2' 4" X 1'-0" FOOTING
- AT CMU WALL

SHELL OIL PRODUCTS US
CITY OF CARSON
SVE/ BIOVENTING SYSTEM
CAROUSEL TRACT
FOUNDATION PLAN - MANIFOLD
BUILDING

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

DESIGN BY:
J.L.

STAMP:

PLANS PREPARED BY:

BENCHMARK:

E A C O M
99 S W. TOWN & COUNTRY ROAD
ORANGE, CA 92868-4719

PROJECT NO.
XXX
SHEET 65 OF 87
PLA N A
S-1.2
ROOF FRAMING NOTES:
1. SEE SHEETS 8-0.1 THROUGH 8-0.7 FOR STRUCTURAL, GENERAL, NOTES AND TYPICAL DETAILS.
2. ALL EXPOSED STEEL MEMBERS SHALL BE HOT-DIPPED GALVANIZED.

FOUNDATION & FRAMING LEGEND:
- DENOTES CMU WALLS
- DENOTES SPAN DIRECTION & TYPE OF DECK PER DETAIL 82-0.7

ROOF FRAMING PLAN - SVE / BIOVENTING COMPOUND
SCALE: 1/4" = 1'-0"

DESIGN BY: J.L.
DRAWN BY: M.C.
CHECKED BY: S.A.

SHELL OIL PRODUCTS US
CITY OF CARSON
SVE / BIOVENTING SYSTEM
CAROUSEL TRACT
ROOF FRAMING PLAN - SVE / BIOVENTING COMPOUND

PLANS PREPARED BY: AECOM

PROJECT: XXX
SHEET: 66 of 87
PLAN: S-1.3
ROOF FRAMING NOTES:
1. SEE SHEETS 5-0.1 THROUGH 5-0.7 FOR STRUCTURAL GENERAL NOTES AND TYPICAL DETAILS.
2. ALL EXPOSED STEEL MEMBERS SHALL BE HOT-DIPPED GALVANIZED.

FOUNDATION & FRAMING LEGEND:
- DENOTES CMU WALLS
- DENOTES SPAN DIRECTION & TYPE OF DECK PER DETAIL 5-0.4-7

ROOF FRAMING PLAN - MANIFOLD
BUILDING
SCALE: 1/4" = 1'-0"
1. Pad-mounted heat pump. Mount minimum 9" from adjacent wall for proper airflow. Size and route refrigerant piping per manufacturer's recommendations.

2. Wall-mounted high-wall fan coil unit with integrated thermostat. Mount unit above door, as shown. Extend condensate piping down along interior side of exterior wall, 18" up, and terminate with non-threaded elbow turned down so condensate may drain to splashblock at grade.

3. Roof-mounted thermal exhaust fan. See Sheet 11-6.1 for equipment schedule and mounting detail.
AIR FAN COIL UNIT SCHEDULE

<table>
<thead>
<tr>
<th>ITEM</th>
<th>ITEM NO.</th>
<th>MANUFACTURER</th>
<th>MODEL</th>
<th>SIZE</th>
<th>WEIGHT (LBS)</th>
<th>CFM SUPPLY AIR</th>
<th>CFM OUTSIDE AIR</th>
<th>EXP IN. PRESS</th>
<th>MOTOR HP</th>
<th>VOLT</th>
<th>PH</th>
<th>TYPE</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Decker</td>
<td>FTS336/405</td>
<td>1</td>
<td>44.50</td>
<td>459 CFM</td>
<td>0 CFM</td>
<td>0.90 in-wg</td>
<td>1.00 hp</td>
<td>208</td>
<td>1</td>
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</tbody>
</table>

ACCESSORIES:
1. INTEGRATED T-STAT
2. MOUNTING HARDWARE

AIR COOLING CONDENSING UNIT SCHEDULE

<table>
<thead>
<tr>
<th>ITEM</th>
<th>ITEM NO.</th>
<th>MANUFACTURER</th>
<th>MODEL</th>
<th>CAPACITY (BTU)</th>
<th>AMBIENT AIR</th>
<th>ELECTRICAL</th>
<th>WEIGHT (LBS)</th>
<th>OPPORTUNITY</th>
<th>ACCESSORIES</th>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Decker</td>
<td>FTS336/405</td>
<td>12898.8 BTU</td>
<td>180°F</td>
<td>230V 1</td>
<td>175.80</td>
<td></td>
<td></td>
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</tbody>
</table>

SEQUENCE OF OPERATION:

OCCUPIED MODE:
1. UPON A RISE IN SPACE TEMPERATURE ABOVE SETPOINT OF 76 DEG. F. (ADJ), COMPRESSION AND FAN SHALL ENGAGE TO MAINTAIN SPACE TEMPERATURE AT THERMOSTAT SETPOINT.
2. UPON A DROP IN SPACE TEMPERATURE BELOW SETPOINT OF 72 DEG. F. (ADJ), FAN AND COMPRESSOR SHALL DE-ENERGIZE.

UNOCCUPIED MODE:
1. EQUIPMENT SHALL BE DE-ENERGIZED.

EXHAUST FAN SCHEDULE

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<th>ITEM</th>
<th>ITEM NO.</th>
<th>MANUFACTURER</th>
<th>MODEL</th>
<th>TYPE</th>
<th>LOCATION</th>
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<th>RPM</th>
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<th>HP</th>
<th>VOLT</th>
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<td>FTS336/405</td>
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SEQUENCE OF OPERATION:

1. UPON A RISE IN SPACE TEMPERATURE ABOVE SETPOINT OF 76 DEG. F. (ADJ), FAN SHALL ENGAGE TO MAINTAIN SPACE TEMPERATURE AT THERMOSTAT SETPOINT.
2. UPON A DROP IN SPACE TEMPERATURE BELOW SETPOINT OF 72 DEG. F. (ADJ), FAN SHALL DE-ENERGIZE.

SHELL OIL PRODUCTS US
CITY OF CARSON
SVE/BIOVENTING SYSTEM
CAROUSEL TRACT
MECHANICAL SCHEDULES

XXX
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