ROOF REPLACEMENT
SOUTH BEACHSIDE PUMPING STATION AND PUMP HOUSES
UTILITIES COMMISSION, CITY OF NEW SMYRNA BEACH, FL
200 CANAL STREET
NEW SMYRNA BEACH, FL 32168

UCNSB WORK ORDER NO. 16-UW129
PREPARED FOR
UTILITIES COMMISSION, CITY OF NEW SMYRNA BEACH, FL
200 CANAL STREET
NEW SMYRNA BEACH, FL 32168
PROJECT MANAGER: DEREK M. WAINSCOTT, (386) 424 - 3019

PREPARED BY
GALE ASSOCIATES, INC.
160 N. WESTMONTE DRIVE, SUITE 1200
ALTAMONTE SPRINGS, FL 32714
PROJECT MANAGER: ALAN CRAIGO, (407) 599 - 7031
S101 - RATED UPLIFT 3/4" EXTERIOR APA RATED PLYWOOD ROOF SHEATHING.

NAILS @ 6" O.C. INTO PLATES AND (2)-8d NAILS EA. STUD
GRADE PLYWOOD WALL SHEATHING W/ 8d

S101 - SIMPSON

NAILS @ 6" O.C. INTO PLATES AND (2)-8d NAILS EA. STUD
GRADE PLYWOOD WALL SHEATHING W/ 8d

SCHEDULE

CONNECTOR SCHEDULE

(SEE DETAILS FOR LOCATIONS)

<table>
<thead>
<tr>
<th>MARK</th>
<th>MF# &amp; MODEL NO.</th>
<th>UPR RATER</th>
<th>LOWER RATER</th>
<th>RATED UPLIFT (POUNDS)</th>
<th>REMARKS</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>SIMPSON LUS2A</td>
<td>2x6 TOP PLATE (15/48)</td>
<td>2x8 RAFTER (15/48)</td>
<td>650</td>
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<tr>
<td>2</td>
<td>SIMPSON LUS2A</td>
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<td>3</td>
<td>SIMPSON LUS2A</td>
<td>2x8 RAFTER (15/48)</td>
<td>2x8 RAFTER (15/48)</td>
<td>1,185</td>
<td>-</td>
</tr>
</tbody>
</table>

CONNECTOR DESIGNATIONS BY SIMPSON STRONG-TIE COMPANY.

B zusätzlich von SHEATHING W/ 8d

PLAN NOTES:

3/4" EXTERIOR APA RATED PLYWOOD ROOF SHEATHING, ATTACH TO SUPPORTS WITH #16 POINTE AT 16" O.C ALONG PERIMETER AND 8" O.C IN-FIELD

ALL WOOD FRAMING TO BE PRESSURE TREATED FOR EXTERIOR EXPOSED USE.

SOUTH BEACHSIDE PUMPING STATION
NEW SMYRNA BEACH, FLORIDA

PROJECT

OWNER

NEW SMYRNA BEACH, FLORIDA 32168

Amore Engineering, Inc.
2295 S. Hiawassee Road, Suite 415
Orlando, Florida, 32835

PHONE: 407.291.6940
FAX: 407.291.6505
Florida Corporation #EB-0007948

JUSTIN T. GATZEMEYER, PE FL #60086

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**CONNECTOR SCHEDULE**

(see details for locations)

<table>
<thead>
<tr>
<th>Connector Type</th>
<th>Top Plate Size</th>
<th>Bottom Plate Size</th>
<th>Rated Uplift (pounds)</th>
<th>Remarks</th>
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<tr>
<td>WOOD RATTER 1-1/2&quot; x 10d</td>
<td>2x6 PLATE</td>
<td>2x6 PLATE</td>
<td>1,165</td>
<td>-</td>
</tr>
<tr>
<td>WOOD RATTER 1-1/2&quot; x 16d</td>
<td>2x6 PLATE</td>
<td>2x6 PLATE</td>
<td>1,165</td>
<td>-</td>
</tr>
<tr>
<td>WOOD RATTER 1-1/2&quot; x 10d</td>
<td>2x6 PLATE</td>
<td>2x6 PLATE</td>
<td>1,165</td>
<td>-</td>
</tr>
</tbody>
</table>

**PLAN NOTES:**

1. 3/4" EXTERIOR APA RATED PL WOOD ROOF SHEATHING, ATTACHED TO STUDS WITH 16d NAILS AT 4" O.C. ALONG PERIMETER AND 8" O.C. IN FIELD.

**PUMP HOUSE 5 PLAN NOTES:**

- All wood framing to be pressure treated for exterior exposed use.
PLAN NOTES:

1. 3/4" EXTERIOR GRADE PLYWOOD SHEATHING.
   ATTACH TO SUPPORTS WITH 16d NAILS AT 4'-0" O.C. ALONG PERIMETER AND 5'-0" IN FIELD.

2. HEADERS: 2x8 VERT. STUD @ EA.
3. RAFTERS: WITH (4)-10d WOOD RAFTERS.
4. JOISTS: (5)-8d WOOD RAFTERS.
5. DBL. 2x PLATE JOIST/ TRUSS CONN.
6. HEADER CONN. UPPER CONN. OR LOWER CONN. AT 8'-0" O.C.

CONNECTOR SCHEDULE

<table>
<thead>
<tr>
<th>MARK</th>
<th>MFR. &amp; MODEL NO.</th>
<th>UPPER CONNECTOR</th>
<th>LOWER CONNECTOR</th>
<th>RATED SD. LF.</th>
<th>REMARKS</th>
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<tr>
<td>1</td>
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<td>WOOD-RAFTER (5/8&quot;)</td>
<td>DLU-2 PLATE (5/8&quot;)</td>
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<td>3</td>
<td>SIMPSON LUG26-O</td>
<td>WOOD-RAFTER (4&quot;)</td>
<td>WOOD-RAFTER (4&quot;)</td>
<td>1,165</td>
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</table>

CONNECTOR DESIGNATIONS BY SIMPSON STRONG-TIE COMPANY.

PUMP HOUSE 6 CONNECTION

PUMP HOUSE 6 PLAN NOTES

1. ALL WOOD FRAMING TO BE PRESSURE TREATED FOR EXTERIOR EXPOSED USE.
**PLAN NOTES:**

1. 3/4" EXTERIOR APA RATED PLYWOOD ROOF SHEATHING ATTACH TO SUPPORTS WITH 8D NAILS AT 4" O.C. ALONG PERIMETER AND 8" O.C. IN-FIELD

2. ALL WOOD FRAMING TO BE PRESSURE TREATED FOR EXTERIOR EXPOSED USE.
ALL WOOD FRAMING TO BE PRESSURE TREATED FOR EXTERIOR EXPOSED USE.
EXISTING 18" BAR JOISTS @ +/- 32" O.C.

TO BE DEMOLISHED

CANOPY

PLAN NOTES:

1. EXISTING OVERHANG TO BE DEMOLISHED BACK TO EXISTING CMU BEARING WALL (ROOF DECKING, SOFFIT FRAMING, AND BAR JOIST EXTENSIONS).

2. REMOVE DELTERIOUS RUST AND LOOSE PAINT USING A PNEUMATIC NEEDLE SCALER GUN OR SIMILAR ENGINEER APPROVED SUBSTITUTE. CONTACT E.O.R. FOR SITE VISIT TO REVIEW CONDITION OF EXISTING STEEL AFTER WORK PERFORMED.

3. PAINT JOISTS WITH TWO COATS SHERWIN-WILLIAMS ZINC CLAD 200, Z.R.C. GALVALITE, ROVAL SILVER, OR OTHER ENGINEER APPROVED SUBSTITUTE CONFIRMING TO SSPC-20 ZINC PAINT STANDARD. PROVIDE FINAL EPOXY PAINT COATING PER ARCHITECTURAL DRAWINGS.

4. REMOVE EXISTING METAL DECK AND REPLACE WITH NEW 1.5B G90 GALVANIZED METAL DECK, SEE PLAN NOTES.

   - JOISTS AND EDGE SUPPORTS: 5/8" DIA. PUDDLE WELDS AT 36/4"
   - SIDELAPS: (2)-#12 TEK SCREWS PER SPAN

   NEW CONTINUOUS DECK EDGE ANGLE

   REMOVE OVERHANG FRAMING

   - X-South Beach Side T/Roof

   - 45110

5. REMOVE CONTINUOUS EXISTING CANOPY STEEL FRAMING TO BE CLEANED, PREPPED, AND PAINTED, SEE PLAN NOTES.

6. EXISTING CMU WALL TO REMAIN, SEE PLAN NOTES.

7. NEW 1/2B G90 GALVANIZED METAL DECK, SEE PLAN NOTES.

8. EXISTING WOODEN CANOPY TO BE REMOVED, SEE PLAN NOTES.