**BUILDING 2: SBSC SCOPE OF NEW WORK: ROOF**

1. **INSTALL MODIFIED BITumen ROOF OVER EXISTING INTERLEAVED 60 CONCRETE AND METAL DECK. RE-INSTALL CODE COMPLIANT LEAKING PROTECTION SYSTEM WITH NEW membranes. LIGHTWEIGHT INSULATION (GREASED SAVIN) OVER 60 CONCRETE. INSTALL NEW SCUPPERS & Gutter HEADS-SEES PROJECT MANUAL FOR SPECIFICATIONS.**

2. **EXTERIOR CHASE REQUIRED REPLACEMENT (SEE MECHANICAL AND PROJECT MANUALS, FOR SPECIFICATIONS)**

3. **INSTALL SELECT EXHUST FAN VENTILATION (SEE MECHANICAL AND PROJECT MANUALS, FOR SPECIFICATIONS)**

4. **INSTALL SMALL DIA. EXHAUST HOOD (SEE MECHANICAL AND PROJECT MANUALS, FOR SPECIFICATIONS)**

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**GENERAL NEW ROOF NOTES**

1. **TOP OF SLAB ELEVATION + D.O. TYPICAL ALL POINT HEIGHTS IN REFERENCE FROM TOP OF GROUND FLOOR SLAB**

2. **EXISTING METAL DECK NOTE: METAL DECK TO REMAIN TO A MAXIMUM THICKNESS OF 3/4 INCH WITH 30 MINIMUM CONCRETE FILL B/W = 303 SF ON STEEL JOISTS. DECKS ARE IN SHEET LENGTHS TO SPAN 15' SUPPORTS**

3. **ALL EXISTING ROOF EQUIPMENT SHOWN BUT NOT INCLUDED IN THE SCOPE OF WORK IS EXISTING TO REMAIN**

4. **THE CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS AND DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES**

5. **COORDINATE REMOVAL AND REPLACEMENT OF ROOF STRUCTURES AND EQUIPMENT AS REQUIRED TO INSTALL NEW ROOF MEMBRANE SYSTEM. GENERAL CONTRACTOR IS RESPONSIBLE FOR EXTENDING ALL UTILITIES AND CONNECTIONS REQUIRED TO RECONSTRUCTING EQUIPMENT FOR COMPLETE INSTALLATION. ALL MECHANICAL, ELECTRICAL, AND STRUCTURAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL, STATE, AND LOCAL BUILDING CODES**

6. **PROVIDE ROOF HATCH GUARDS FOR ALL EXISTING ROOF HATCHES IN ACCORDANCE TO FSC**

7. **ALL REMOVAL AND INSTALLATION OF ROOF EQUIPMENT, EXISTING OR NEW, SHALL BE COORDINATED WITH THE MECHANICAL, ELECTRICAL, AND STRUCTURAL ENGINEERS**

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**CALCULATION OF EXISTING/ NEW ROOF DRAINAGE**

<table>
<thead>
<tr>
<th>ROOF SIZE</th>
<th>SQFT</th>
<th>GPM</th>
<th># OF DOWNSPOUTS</th>
<th>OVERFLOW</th>
<th>OVERFLOW SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>AREA P 1</td>
<td>706 '</td>
<td>38.0 GPM</td>
<td>1 F' DOWNSPOUT</td>
<td>1</td>
<td>6&quot;X12</td>
</tr>
<tr>
<td>AREA P 2</td>
<td>880 '</td>
<td>46.25 GPM</td>
<td>1 F' DOWNSPOUT</td>
<td>2</td>
<td>6&quot;X12</td>
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<tr>
<td>AREA P 3</td>
<td>1131 '</td>
<td>53.5 GPM</td>
<td>1 F' DOWNSPOUT</td>
<td>3</td>
<td>6&quot;X12</td>
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<tr>
<td>AREA P 4</td>
<td>1352 '</td>
<td>61.0 GPM</td>
<td>4 F' DOWNSPOUT</td>
<td>3</td>
<td>6&quot;X12</td>
</tr>
</tbody>
</table>

* USE YEARLY RAIN FLOWS PER HOUR: 4.7" IN PER HOUR

* VARIOUS STORM DRAIN: 0.40 GPM/GAL

* HEAVY STORM DRAIN: 1.14 GALLONS PER SF

* TRI-2: 150 X 3 RIDGE. ENG. 2 AND EXISTING CONDITIONS MEET THE MINIMAL REQUIREMENTS FOR DRAINAGE.

* PRIMARY DRAINAGE IS ABLE TO BE CARRIED BY ROOF SCUPPERS TO DOWNSPOUTS AND IS SECONDARILY SUPPLEMENTED BY OVERFLOWS.

* THERE IS NO PRIMARY SCUPPERS, ONLY EMERGENCY OVERFLOW SCUPPERS ON BUILDING 2.

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**THE TAMARA PEACOCK COMPANY**

BUILDING No. 2

140,484 SF

V-101207A.M.E.

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