BUILDING 3: BASIC SCOPE OF WORK - NEW WORK
2. Replace existing exhaust fan ventilation. See mechanical and project manual for specifications.
3. Replace small diameter exhaust hoods. See mechanical and project manual for specifications.

GENERAL ROOF NOTES
1. Top of slab elevation - 9'0". Typical all roof heights in reference from top of ground floor slab.
2. Existing metal deck note: metal deck to remain in a 1.0" to 1.2" gauge with 2" minimum concrete fill 3" to 3.5" on steel furring.
3. All existing roof equipment shown but not included in the scope of work is existing to remain.
4. The contractor shall provide all pipe connections and dimensions and notify the architect of any discrepancies.
5. Coordinate removal and reinstallation of existing roof equipment as required to install new roof membrane system. General contractor is responsible for removing all existing material and not installing any new roof waterproofing equipment. For complete installation, all mechanical and electrical 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 RFC.
7. All removal and installation of roof equipment. Existing or new shall be coordinated with the mechanical, electrical, and structural engineers.

CALCULATION OF EXISTING/NEW ROOF DRAINAGE

<table>
<thead>
<tr>
<th>AREA</th>
<th>ROOF</th>
<th>GALLONS PER MINUTE</th>
<th># OF SCUPPERS PREVIEWS</th>
<th>DOWNSPOUT SIZE</th>
<th># OF SCUPPERS W/ DOWNSPOUT ROOF (540G PER FBC 11)</th>
<th>PROJECT WORK</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>3,000 SF</td>
<td>1,244.5 GPM</td>
<td>4</td>
<td>4&quot; DOWNSPOUT</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- 100-YEAR RAINFALL INCHES PER HOUR: 4.7" IN PER HOUR
- VERTICAL SYSTEM: 12, 24, 30 DEG
- CALCULATIONS VERIFIED WITH FBC 11.4.4 AND 107.2.1 AND EXISTING CONDITIONS MEET THE MINIMUM REQUIREMENTS FOR DRAINAGE.
- PRIMARY DRAINAGE IS ABLE TO BE CARRIED BY ROOF SCUPPERS TO DOWNSPOUTS AND IS SECONDARY DRAINAGE MANIPULATED BY DOWNSPOUTS.
- THERE ARE NO PRIMARY GUTTERS, ONLY EMERGENCY Override SCUPPERS ON BUILDING 3.