

ATLAS UNIVERSAL ROOFING, INC.

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August 3, 2016

City of Deer Park
710 San Augustine
Deer Park, TX

Choice Facility Partners
Member # 09/053DR-10

Having carefully examined the instructions to proposers, project specifications, drawings, we propose to furnish all labor, materials, equipment required to accomplish the work in accordance with contract documents for the following projects.

Base Proposal – Roofing & Lobby Skylights Replacement

A. Roofing and Sheet Metal Flashing

1. Removal of the existing SPUR foam roof system, metal and non-metal flashing components down to the existing metal deck. We will not remove more than can be re-installed during the same day. Provide necessary means to maintain a weatherproof environment. Utilize material management devices and equipment to safely remove the existing materials from the roof. Remove the existing materials from the premises and dispose of in an approved landfill.
2. Mechanically fasten one layer of 3" Polyisocyanurate insulation to the metal deck. Attachment shall conform to the ASCE 7 criteria for wind uplift as dictated by wind zone of the building location.
3. Adhere a top layer 0.5" Tremco asphalt coated wood fiber board insulation in a Tremco Premium IV hot melt adhesive per wind uplift criteria established by the International Building Code and the American Society of Civil Engineers (ASCE) established region
4. Installation of one (1) ply of a smooth surfaced, reinforced membrane, Heavy Duty Base, shingle fashion in a Tremco Premium IV hot melt adhesive.
5. Installation of one (1) surface ply of a fire rated, granule surfaced, modified bitumen membrane, Power Ply Std, shingle fashion in a Tremco Premium IV hot melt adhesive per manufactures specified requirements.
6. Install base flashing system.
 - a. Install 2-ply modified bitumen base flashing system adhered in asphalt adhesive, as specified in Tremco's general flashing requirements.
 - b. Installation of one (1) ply of a smooth surfaced, trilaminate reinforced membrane as flashing base ply and a high elongation granule surfaced reinforced modified bitumen membrane, Power Ply HE FR, as flashing cap ply.

- c. Strip-in cap flashing ply laps with 3-course application with heavily fibrated asphaltic mastic, ELS, and a non-shrinking, non-rotting, vinyl coated, woven glass mesh, Burmesh.
 - d. Secure top edge of cap flashing membrane with metal termination bar.
 - e. Seal all vertical flashing seams with three (3) coat application. Coat with aluminized reflective coating.
7. Fabricate and then install new prefinished twenty-four (24) gauge galvanized steel flashing components to all projection flashing details, including slip flashing, pitch pans with bonnets, etcetera if necessary. Details to follow primary material manufactures warranty holder standards and details, the Sheet Metal and Air Conditioning National Association (SMCNA), and the National Roofing Contractors Association (NRCA) standard details.
8. Fabricate then install new four (4) lb. lead flashing at plumbing vents and drains.
9. Install new drain clamping rings and cast iron drain domes, if necessary.
10. Total System Warranty - Provide a 20 Year Quality Assurance Warranty.

B. Dome Windows (skylights) – Section A Replacement

- Removal of the existing glass at Section A (Lobby Area).
- Installation of new glass.
 - a. 1 5/16" insulated PPG Pacifica (blue) with Solarban R-100 low-E on the #2 surface.
 - b. Inner lite of glass is to be 9/16" clear laminate safety glass.
 - c. Solar heat gain coefficient is <.16 with 99% UV blocking.

Note: Work area will require close off area to pedestrian traffic.

Base Proposal \$441,969

Alternate Proposal #1 - Side Windows and Wing Walls

A. Side Windows (at entry)

1. Removal of the existing deteriorated / defective sealant.
2. Chemically clean the substrate with a weak solvent such as isopropyl alcohol.
3. At areas not previously sealed, cut the existing gasket back perpendicular to glass.
4. At both conditions, we will install a bond breaker to facilitate two sided adhesion.
5. Installation of silicone sealant (standard color to be determined by owner)
6. All joints will be dry tooled for a professional appearance.

Metal to Metal Joints

1. Removal of the existing deteriorated / defective sealant.
2. Chemically clean the substrate with a weak solvent such as isopropyl alcohol.
3. We will install a bond breaker to facilitate two sided adhesion.
4. Install foam tape in order to establish the width of the joint to be installed.
5. Installation of silicone sealant (standard color to be determined by owner)
6. All joints will be dry tooled for a professional appearance.

B. Wing Walls (Stone walls)

1. Removal of the existing deteriorated / defective sealant.
2. Chemically clean the substrate with a weak solvent such as isopropyl alcohol.
3. Install a backer rod set at a depth as recommended by the Manufacturer.
4. Installation of urethane sealant (standard color to be determined by owner)
5. All joints will be dry tooled for a professional appearance.

Note: We intend to use a combination of built up scaffolding and ladders to access the joints.

Alternate Proposal #1 \$44,812

Alternate Proposal #2 – Dome Window – Sections B & C

A. Dome Windows (skylights) – Replacement of panels @ Sections B & C

- Removal of the existing glass.
- Installation of new glass.
 - a. 1 5/16” insulated PPG Pacifica (blue) with Solarban R-100 low-E on the #2 surface.
 - b. Inner lite of glass is to be 9/16” clear laminate safety glass.
 - c. Solar heat gain coefficient is <.16 with 99% UV blocking.

Note: Work area will require close off area to pedestrian traffic.

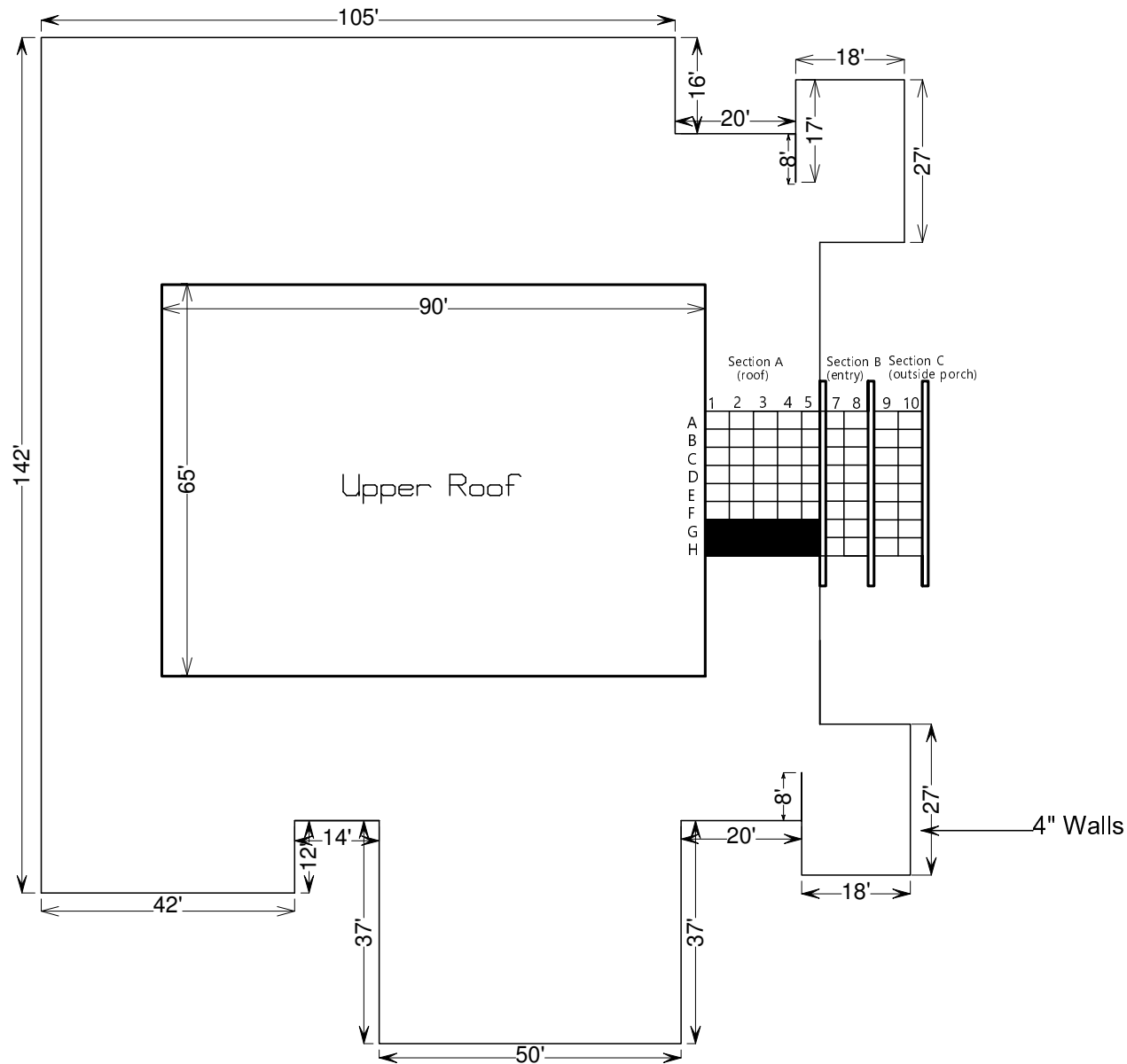
Alternate Proposal #2A (Designated 8 Panels) \$19,716

Alternate Proposal #2B (All Panels) \$71,696

Sincerely Submitted,



JUSTIN PRICE
VICE PRESIDENT
ATLAS UNIVERSAL, INC.
281-235-9148 (cell)



713-695-1626

Atlas
Universal, Inc.

City of Deer Park - Courts and Theatre
1301 Center @ 13th

DATE: April 6, 2016

DRAWN BY: J. Price