

# ADVANCED EXTERIORS, INC.

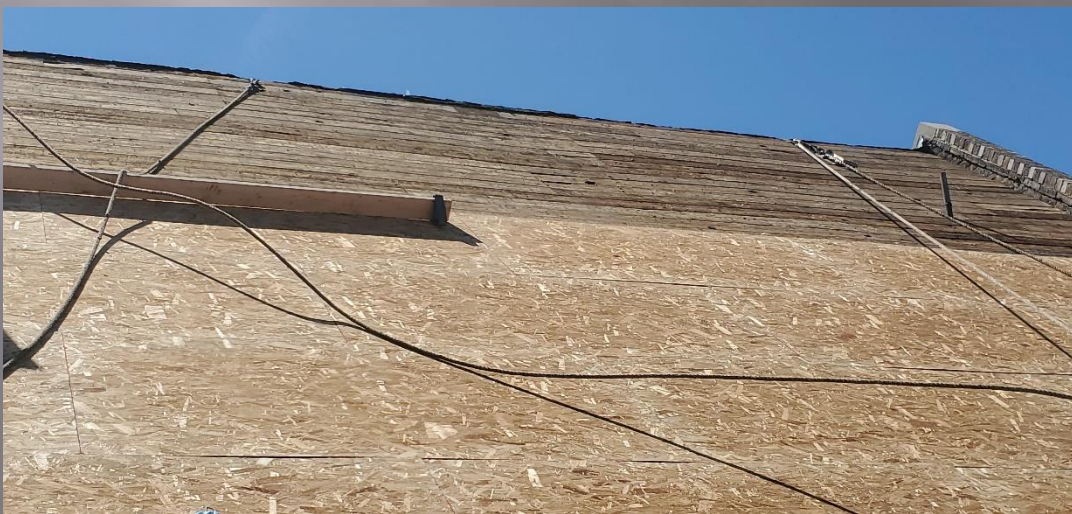
Our Savior's Lutheran Church of  
Denver (OSLC)



# Roofing System # 1



- ▣ Detach 64 solar panels and mounting hardware from 3-story roof, store on adjacent 2-story flat roof
- ▣ Tear off 3 layers of asphalt shingles from 12/12 pitch gable
- ▣ Re-deck with OSB
- ▣ Install custom flashings on brick sidewall
- ▣ Install GAF Timberline HD shingles
- ▣ All tear off debris and new shingles hauled from parking lot across a lawn and courtyard
- ▣ Reinstall solar system





# Roofing System # 2



- ▣ Tear off 3 layers of modified bitumen from both 3-story towers on 9/12 - 16/12 pitch
- ▣ Remove concrete from valleys obstructing drainage while keeping roofs waterproof during late spring rains
- ▣ Frame crickets anchored into concrete deck across all valleys to create positive drainage
- ▣ Install custom flashings on rakes - concrete to metal wrap
- ▣ Install Inland Coatings bleed blocker layer, base, coat, top coat with seam compound and fabric



# Roofing System # 3



- ▣ Tear off loose asphalt and mortar above Narthax and front entryway flat roof areas and brick walls
- ▣ Remove parapet cap metal
- ▣ Pressure spray with cleaning agent
- ▣ Fill all joints with Inland Coatings seam compound and apply polyester fabric
- ▣ Install base coat and top coat
- ▣ Install new custom cap metal on parapet walls





# Safety Considerations



- ❑ Sidewalk closure permit from City & County of Denver
- ❑ Barricades on sidewalk and parking area
- ❑ Fall protection on 2-3 story roof areas up to 16/12 pitch
- ❑ Protection of the flat roof area (used for staging and access) and lawn (building OSB roadways)

# Unique Job Circumstances



- ▣ Coordination with solar and barricade subcontractors
- ▣ Installation of 3 different roofing systems on 5 areas of large church
- ▣ Extremely limited access and long-distance hauling of 3-layer tear offs and new roofing materials using 12k telehandler and multiple movements
- ▣ 3-story roof areas and very steep slopes
- ▣ Fabrication of custom flashings and cap metals
- ▣ Framing new slopes over concrete decks for 4-layer coating systems
- ▣ First time in Inland Coatings' history to have product installed on 16/12 pitch



# Completion Photos

