



# Sailfish SOLAR

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## Integrating Solar into New Construction Properties

### Hiding Conduit & Wire Runs

One of the biggest advantages to new construction is hiding conduit and electrical wire inside walls, under foundation, and inside attics. We want to be part of the rough-in process at minimum during new construction. During a re-roof we can have increased access to the attic and additional ability to hide wiring and conduit underneath decking or soffits.



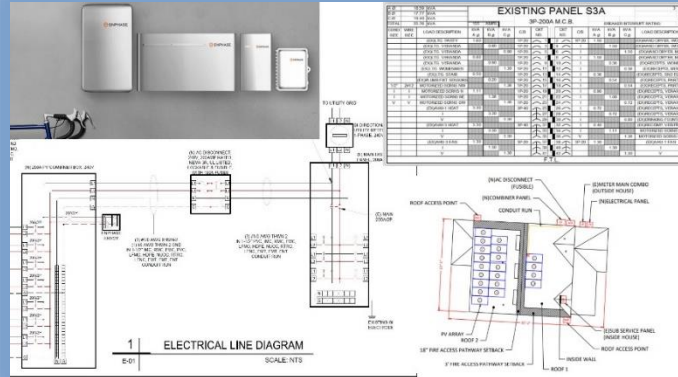
### Sealing in solar mounts

Certain roof types allow us the ability to seal in stanchions and standoffs and have the roof tiled or sealed around our hardware.

This is a highly efficient way of making the standoff mounts a part of the final layer of the roof. These will be found on commercial and residential roofs made with TPO style or Modified Bitumen and other types of flat roofs, as well as various tile roofs such as Spanish barrel and flat concrete tiles. The solar mounts become part of the roof itself. With shingle and 5V metal roofs, trusses can be marked and reinforced if needed to allow for a lag bolt to hold the lag bolt through the roof and then sealed around, and with standing seam metal, the metal panels can be cut around entry-ways,

## Entering the attic or hidden channels

Using “boots” hidden under the solar array which are used on every installation for the solar conduit to enter in to the attic or interior raceways, hidden from view from outside and inside the home or business.



## Advising on energy efficiency and load distribution

With the ability to work with builders and contractors collaborating with the homeowner we can advise on energy efficient home components and wattage-reducing options in HVAC equipment and heavy load centers.

## Battery Backup Systems

When a battery backup is part of the system design, we will work with the electrician to prioritize essential loads, with the possibility of backing up one sub-panel or the whole home.



## Construction schedule coordination and permitting

Coordinating construction schedules, deliverables, and permitting within a new construction master permit, or operating in tandem with roofers during a re-roof is an essential component to a well executed new construction project.