



December 4, 2022

Ruji Ding

RE: Project #2208-189

Dear Ruji Ding,

We are writing in response to your correction notice dated August 31, 2022. See below for the response to your items:

Item #1:

Please provide a site plan to graphically calculate the removal of the existing impervious surface area and the new impervious surface area. Show all square footage of the removal and new impervious surface area on the site plan. If the net increase of the impervious surface area is 500 sf or more, a full drainage design by a licensed civil engineer is required.

Item #1 Response:

Site Plan was updated to indicate following areas:

- New addition roof area (This area is the same as original roof area of a carport)
- Existing driveway and sidewalk (no modifications to € sidewalk/driveway proposed by the project)

Refer to updates Site Plan on the sheet A1.1

Item #2:

Please provide a site plan to graphically calculate the new plus replaced hard surface area. The “hard surface” means an impervious surface, a permeable pavement, or a vegetated roof. If the new plus replaced hard surface area is 2,000 sf or more, a full drainage design by a licensed civil engineer is required. Please note that the Replaced Hard Surface for structures is based on the removal of exterior walls down to the foundation (the basement wall is considered as the foundation). If any part of an exterior wall is removed down to the foundation and is replaced, all supporting roof area replaced is considered Replaced Hard Surface.

Please note: Hard Surface and Impervious Surface are terms used in the stormwater regulations (MICC 15.09) while Hardscape is a term used in zoning code (MICC 19.02.020) and not in the stormwater regulations.

Item #2 Response:

Site Plan was updated to indicate following areas:

- New addition roof area (This area is the same as original roof area of a carport)
- Existing driveway and sidewalk (no modifications to € sidewalk/driveway proposed by the project)
- Site calculations were updated to reflect hard scape areas

Refer to updates Site Plan on the sheet A1.1

Sincerely,

Elina Samarkina
2S Design LLC