

August 30, 2024

Job Number 10842.004

Smithfield Township Board of Supervisors  
1155 Red Fox Road  
East Stroudsburg Pa 18301

**SUBJECT:** Waiver Requests for the Land Development For Joseph Widmer  
Lands of Joseph Widmer

Dear Smithfield Township Planning Commission and Board of Supervisors:

On behalf of the applicant, we are requesting waivers from the following Smithfield Township Ordinance requirements:

### **Subdivision and Land Development Ordinance Requirements:**

**603.C.2.(j) Site Context Map** - Names of owners of all properties and the names of all subdivisions within 1,000 feet of the site.

**Waiver Request** – Show only the owners that are adjacent to the property proposed for development.

**Waiver Justification** - There are numerous owners within 1,000 feet of the property and naming all of them would make the Site Context Map difficult to read. The adjoining property owners have been indicated on the plans which we believe is adequate given the limited scope of the project.

**1014 Curbs** - Curbs shall be installed along each side of every arterial, collector and local street, access driveway, and parking lots in a land development where pedestrian traffic will be traveling adjacent to the street, access driveway, or parking lot.

**Waiver Request** – A waiver of the requirement to install curb for pedestrian access.

**Waiver Justification** – The only pedestrian traffic anticipated to be generated by the project is from the 6 employee and visitor parking spaces provided on the site. Vehicular traffic on the site is limited to vehicles accessing these parking spaces. The parking spaces have a direct travel route to access the building. The addition of curb to the project would not impact the pedestrian access routes

**1015 Sidewalks** - Sidewalks shall be required on both sides of all streets in major subdivision plans and land developments.

**Waiver Request** – A waiver of the requirement to provide sidewalk along streets.

**Waiver Justification** – The proposed development encompasses approximately 0.53 acres. The proposed use requires 6 parking spaces. There are currently no existing sidewalks along SR 209 for several miles in either direction. The proposed use is not anticipated to generate pedestrian traffic along SR 209 or between the adjoining uses. Neighboring developments along SR 209 do not have sidewalks installed along SR 209.

**1024.6 Parking Lot Separation** - Parking lots shall be separated from buildings by a minimum distance of 10 feet or more.

**Waiver Request** – Allow parking closer to the building as shown on LD Plans.

**Waiver Justification** – The proposed development encompasses approximately 0.53 acres. The proposed use requires 6 parking spaces. Given the unique size, shape and topography of the property, the site layout was designed to meet the Smithfield Township Ordinance requirements, to the extent practical, while also meeting the needs of the owner’s business. This includes adequate space for truck turning, loading, parking and other improvements required by the Smithfield Ordinances. The proposed layout provides a 4-foot separation from the parking space to the north side of the building and 10-feet from the handicap space to the south side of the building, which is appropriate given the scope of the project.

**1024.15 Parking Queuing** - Every off-street parking area shall include sufficient queuing space to accommodate entering and exiting vehicles without overflowing onto adjacent streets or service roadways however, a minimum queuing space for six vehicles is required.

**Waiver Request** – A waiver of the requirement to provide queuing for 6 vehicles at the entrance from 209.

**Waiver Justification** – The proposed use generates traffic for the use of 6 parking spaces. The ordinance requirement does not consider the scope of the project as the basis for the minimum driveway entrance que resulting in a requirement that is not appropriate for this project. The proposed project provides queuing for at least 3 vehicles, which is appropriate given the scope of the project.

**Section 1301.6.F Basin Access Width** - Access to facilities shall be provided for maintenance and operation. This access shall be 20 feet wide and shall be cleared, when possible, to a minimum width of 10 feet. Multiple accesses are encouraged for major facilities. The

applicant/developer shall provide driveways, curb depressions, sidewalk aprons and all easements and rights-of-way for access to stormwater management facilities.

**Waiver Request** – Provide a 10-foot access to basin.

**Waiver Justification** – The proposed development encompasses approximately 0.53 acres. Given the property size, shape and topography, the site layout was designed to meet the Smithfield Township Ordinance requirements, to the extent practical, while also meeting the needs of the owner’s business. This includes adequate space for truck turning, loading, parking and other improvements required by the Smithfield Ordinances. A 10-foot-wide access to the basin is anticipated to be adequate to access and maintain the basin as needed. Therefore, we are requesting that a 10-foot-wide access be acceptable to the basin.

**1301.7.F Basin Slope** - The maximum slope of the earthen detention basin embankments should be four horizontal to one vertical. An embankment stability analysis shall be supplied for basins with a proposed slope which exceeds four horizontal to one vertical.

**Waiver Request** – Allow slopes steeper than 4:1 up to 2 horizontal to 1 vertical (2:1).

**Waiver Justification** – The basin is graded at 3:1 on the interior while 2:1 on the exterior embankment to minimize impacts to existing natural features and necessary to tie into existing grades (prior to the property lines). The proposed stormwater facility will manage runoff from approximately 0.55 acres of upslope drainage. The proposed basin has a bottom area of approximately 250 SF, total storage of 5,992 ft<sup>3</sup> and a total height of 5-feet, although the ponding depth during the 100-yr storm is approximately from approximately 3.6’ feet deep. The basin outflow will also discharge through an existing drainage pattern (on an undeveloped portion of adjacent property) towards Joel Street. Slopes at a grade of 2:1 are acceptable for the site soils types based on DEP standards and will be stabilized with erosion control matting to aid in the establishment of vegetation. Given the small scale of the proposed stormwater facility, and minimal upslope drainage area, the basin 3:1 and 2:1 side slopes will be stable meeting the intent of the ordinance.

**1301.7.G Basin Berm Width** - The minimum top width of the detention basin embankment shall be 10 feet. An embankment stability analysis shall be supplied for basins with a proposed embankment slope which is less than 10 feet.

**Waiver Request** – Allow basin berm width of 6-feet.

**Waiver Justification** – The basin is graded at with a top berm width of 6-feet to minimize impacts to existing natural features and necessary to tie into existing grades (prior to the property lines). The proposed stormwater facility will manage runoff from approximately 0.55 acres of upslope drainage. The proposed basin has a bottom area of approximately 250 SF,

total storage of approximately 6,000 ft<sup>3</sup> and a total height of 5-feet, although the ponding depth during the 100-yr storm is approximately from approximately 3.6' feet deep. The basin outflow will also discharge through an existing drainage pattern (on an undeveloped portion of adjacent property) towards Joel Street. Given the small scale of the proposed stormwater facility, and minimal upslope drainage area, the proposed 6-foot berm will be stable meeting the intent of the ordinance.

**1301.7.Q.2 Minimum Pipe Size** - The minimum diameter of all storm drainage pipe shall be 18 inches or an equivalent thereto. Where headroom is restricted, equivalent pipe arches may be used in lieu of circular pipe.

**Waiver Request** – Allow minimum pipe size to be 15-inch.

**Waiver Justification** – There proposed piping system consists of 2 inlets capturing the upslope flow and closed lid manholes to discharge runoff down the proposed side slopes at an acceptable slope. The total drainage area to the system is approximately 0.32 acres which results in a flow of approximately 2.1 cfs for the 50-yr storm. The proposed 15-inch pipes can more than handle the peak flows from the design storms as shown from the included calculations. The proposed stormwater conveyance and management systems will be owned and maintained by the property owner.

**1302.4.A Slopes** -No excavation of fill shall be made with a face or surface slope steeper than 3:1 without retaining wall or other soil retention.

**Waiver Request** – Allow slopes steeper than 3:1 up to 2 horizontal to 1 vertical (2:1)

**Waiver Justification** – There are portions of grading proposed at 2:1 slopes to minimize impacts to existing natural features and necessary to tie into existing grades (prior to the property lines) since the proposed building is only allowed in a small area on the site per current zoning regulations. Slopes at a grade of 2:1 are acceptable for the site soils types based on DEP standards and will be stabilized with erosion control matting to aid in the establishment of vegetation, meeting the intent of the ordinance to provide stable slopes.

**1302.4.D Cut/Fill Slopes** Cut and fill shall not endanger adjoining property. All the outermost limits of all cuts and fills shall be a minimum of ten (10) feet from adjacent property lines.

**Waiver Request** – Allow grading within 10 feet of the adjacent property lines.

**Waiver Justification** – The unique size of the property and building restrictions limit the development of the property. The grading is proposed at 3:1 and 2:1 to maintain separation between the proposed grading and property lines. Fill that was previously placed on the property is within 10' of adjacent properties and is proposed to be graded to create a more

natural grade. The proposed grades will be stable and will not endanger the adjoining properties meeting the intent of this ordinance requirement.

**Stormwater Management Ordinance Requirements:**

**221.11 Roof Drain Connections**– Roof drains shall not be connected to streets, sanitary or storm sewers.

**Waiver Request** – Allow roof leaders to be connected to storm sewers.

**Waiver Justification** – The proposed use includes a 1,008 SF building with pavement required around 3 sides and a proposed 3:1 slope down the rear. It is not possible to disconnect the roof drains to discharge over vegetation. In addition, there are concerns with water freezing in winter conditions if roof drains discharge over existing pavement. Therefore, disconnecting the proposed roof leaders from streets and storm sewers are not feasible for this site. The storm sewer collection system from the roofs drains to stormwater management basins that provide water quality measures that will treat stormwater from the roofs before leaving the site, accomplishing the goals of the ordinance requirement.

Thank you for considering these requests. If you have any questions, please call.

Respectfully submitted,

R.K.R. Hess, A Division of UTRS, INC.



Nicholas DeFrank, P.E.