

RFI #	Question	Response
1	The details on the plans are calling for NJDOT materials. Can you please switch over to NY where applicable?	Yes, this will be revised to note NYSDOT materials.
2	Can you please provide thicknesses for the standard paving section? I know there is still some finalization going on with the Geotech report so I assume that this will be covered then?	Refer to Dynamic Earth Pavement Section Recommendations.
3	For the UGB's a liner is called for on the plans. The detail shows Mirafi Fabric. Is there a specific thickness of Mirafi paper we should assume?	The detail will be revised to show an impermeable liner instead of the Mirafi Fabric. Bids should include 30 mil min for now. This is subject to change depending on comments from Village of Suffern/NYSDEC.
4	Please provide a detail for the above ground infiltration basins.	A detail for the above ground infiltration basins is shown on sheet 97 of 100.
5	Please provide a detail for the infiltration UGBs.	A detail for the underground infiltration basins will be added to the site plans.
6	The riprap swale detail does not have any thickness or riprap sizes specified. Please advise.	Please note rip rap aprons are not shown on the plans. Scour holes are provided as erosion mitigation measures. Sizing of each is currently called out on the Erosion and Stormwater Pollution Prevention Plans. (Sheets 84-94). A table will be provided on the preformed scour hole detail located on sheet 95 to include all necessary dimensions. Please note, unless otherwise specified, the thickness of the rip rap will be 12" unless otherwise noted.
7	No dolly pads are shown at the truck parking areas	Provide pricing for heavy duty pavement with 10' wide dolly strips.
8	Should the retaining walls that present fall hazards include fencing and/or guardrail? Can you please provide a detail?	Fencing or a guiderail will be provided along the highside of all retaining walls. A detail for both guiderail and chain link fence will be provided.
9	Storm run between #170 and #168 is called out as 15" RCP, however on either side of the run is 24".	This section of pipe will be revised to show a 24" RCP pipe.
10	Storm run between UGB B1 and #132 is called out as 15" RCP, however the upstream pipe is 18" HDPE.	The pipes downstream of Inlet #132 should be 18" RCP
11	Storm run between #392 to #387 is not conformed to the grades. As currently designed, the pipe is out of the ground. The pipe run can be lowered to nearly match the existing outlet invert of 301.02 & reusing the slopes to put the run underground.	The pipe run will be lowered to provide adequate cover over top of the pipes.

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12	No fall protection fence is shown for most of the retaining walls, but many of the walls without fencing are greater than 4' in height. Please confirm the size of fencing you would prefer or if we should just qualify code compliant?	Fencing will be 4' chain link fence for fall protection. Please note we are going through the permitting process and the Village/SEQR may request a different type of fence.
13	Per the topo & google imagery, there is an existing wet pond. How should we address this? We can pump and distribute, truck offsite, etc.. It looks like there is an existing drain we could possibly use?	The existing wet pond has been previously identified as wetlands by the ACOE. Upon receipt of the permit, we will provide any specific conditions to drain the wet pond. For now, we should assume trucking off site however we will push for draining into the adjacent wetlands that will not be disturbed.
14	The detention basin detail on page 97 doesn't reference any sand or planting soil at the bottom of basin. Can you confirm that this is the case?	Based on ongoing coordination with reviewing agencies, we anticipate that the basins bottoms will be planted with red fescue grass.
15	Is there a general size to be assumed for water piping throughout the site for domestic and fire lines?	We anticipate a 12" loop with 4" domestic connection and a 10-12" fire connection based on other similar sized project experience. We will defer to final MEP/Fire Suppression Drawings.
16	For material import pricing to raise the site- should we assume placing material provided by others- or price the procurement and delivery as well?	Provide pricing for procurement and delivery. Brookfield may also provide structural fill to contribute to total import. Refer to Erosion and Stormwater Pollution Prevention Plan for proposed stockpile locations.
17	Can you please provide a detail for the sound walls?	Refer to Evaluation of Site Sound Emissions Report prepared by Ostergaard Acoustical Associates and sample foundation.
18	Many details on the plans are calling for NJDOT materials, however this project is in NY. How should we address this discrepancy at this time?	Yes, this will be revised to note NYSDOT materials.
19	Please provide liner details for the above ground basins.	The aboveground basins do not currently propose a liner.
20	Please provide a detail for the above ground infiltration basins.	Please refer to the detail on sheet number 97.
21	Please provide a detail for the infiltration UGBs and liner details.	Manufacturer details have been attached for your reference.

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22	The riprap swale detail does not have any thickness or riprap sizes specified. Please advise.	Please note rip rap aprons are not shown on the plans. Scour holes are provided as erosion mitigation measures. Sizing of each is currently called out on the Erosion and Stormwater Pollution Prevention Plans. (Sheets 84-94). A table will be provided on the preformed scour hole detail located on sheet 95 to include all necessary dimensions. Please note, unless otherwise specified, the thickness of the rip rap will be 12” unless otherwise noted.
23	The utility plan is schematic only – no pipe types or sizes are provided. Please advise.	Based on similar sized project experience we anticipate the water lines will consist of a 12" loop with 4" - 6" domestic connections and 10" - 12" fire service and we anticipate that the sanitary sewer will be a 6" or 8" SDR 26 or SDR 35 pvc; however, we will defer to the final MEP/Fire Suppression Drawings.
24	Please confirm require stone subbase for building slabs.	Please refer to the Report of Preliminary Geotechnical Investigation and the Supplemental Geotechnical Investigation Memo Summary regarding potential recommendations associated with the underlying conditions beneath the building slabs.
25	Please confirm that we should use 6” wwf concrete for the concrete truck apron as shown on the drawings.	Based on previous experience, we anticipate that the concrete truck aprons may require a heavy duty concrete pad in which may require up to an 6" thickness with #4 bar spaced 12" on center each way.
26	No dolly pads are shown at the truck parking areas, please confirm.	Provide pricing for heavy duty pavement with 10' wide dolly strips.
27	Soil Erosion plans are more typical for a NJ project. NY has much stricter and different E&S standards. Please advise.	The SWPPP is under review by the Village of Suffern. We require a Waiver from the Village MS4 department for disturbance exceeding 5 acre increments. This permit is pending.

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28	On Grading Plan J, on the southwest corner of the building there are retaining wall linework & spot grades calling for a wall. The grading does not match the linework or spot grades for this wall. Please clarify.	The wall on the southwest corner of the building is a sound wall, not a retaining wall. It is labeled as such on Site Plan J.
29	On Grading Plan H, there are two retaining walls shown along the southwest limits. The inner most wall spot grades do not make sense for the grading plan's contours. Please clarify.	The exterior wall is a sound wall, the interior wall is the retaining wall. They are labeled as such on Site Plan H.
30	No fall protection fence is shown for most of the retaining walls, but many of the walls without fencing are greater than 4' in height. Please confirm which walls should receive fall protection fencing, and please provide a detail for the fall protection fencing.	Structural retaining wall designs are currently in progress. All walls will comply with fall protection and at a minimum include 4 FT chain link fence. Guiderail will only be provided where the roadway is higher than the grade below the retaining wall.
31	Please provide a detail for the site guiderail.	We anticipate a typical galvanized steel guiderail will be utilized.
32	Is there an old design as-built for the existing wet pond?	The as-builts that have been provided are attached for your reference.
33	On site plan F, in the southeast corner of the plan sheet, there is a retaining wall on the north side of the main loop road. Please clarify if a guiderail will be required.	Structural retaining wall designs are currently in progress. All walls will comply with fall protection and at a minimum include 4 FT chain link fence. Guiderail will only be provided where the roadway is higher than the grade below the retaining wall.
34	Can we please be advised of the quantity of fire lead ins we should figure in our bids? None are shown on the plans. (Please note per a previous RFI we do not have any sizing or material requirements for any site utilities)	Based on previous experience, we anticipate that the water lines will consist of a 12" loop with 4" - 6" domestic connections and 10" - 12" fire service. However, we defer to the MEP as their design will ultimately dictate the appropriate sizes. The utility design has not been finalized as input from the service providers and MEP are required. The number of valves, hydrants and other utility appurtenances will be provided upon completion of a final utility design.
35	The roof drain detail shows that the materials are to be HDPE, but the plans have both RCP & HDPE for roof drain leaders. HDPE for RD is typical, can we get clarity on which we should be pricing.	HDPE will be the primary material, however where there is not sufficient cover above the pipes to safely facilitate HDPE, RCP will be utilized.
36	Storm run between #170 and #168 is called out as 15" RCP, however on either side of the run is 24".	This section of pipe will be revised to show a 24" RCP pipe.
37	Storm run between UGB B1 and #132 is called out as 15" RCP, however the upstream pipe is 18" HDPE.	The pipes downstream of Inlet #132 should be 18" RCP .

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38	Storm run between #392 to #387 is not conformed to the grades. As currently designed, the pipe is out of the ground. The pipe run can be lowered to nearly match the existing outlet invert of 301.02 & reusing the slopes to put the run underground.	The plans will be revised to provide adequate cover over top of the pipes.
39	Please clarify water pipe sizes, valves and hydrant count.	Based on previous experience, we assume the water lines will consist of a 12" loop with 4" - 6" domestic connections and 10" - 12" fire service. However, we defer to the MEP as their design will ultimately dictate the appropriate sizes. The utility design has not been finalized as input from the service providers and MEP are required. The number of valves, hydrants and other utility appurtenances will be provided upon completion of a final utility design.
40	Please provide details for the culvert and headwall for the culvert.	The culvert and associated headwall details have not been finalized at this time.
41	Confirm roofing installation method.	Provide Rhinobond as base bid with alternate for fully adhered roof.
42	Confirm color of exterior lighting.	Provide white lights as base bid with alternate for black lights.
43	Confirm switchgear size for each building.	Building 1: 4,000 Amp SWG, Building 2: 2,000 Amp SWG as base bid with alternate for 1,600 Amp SWG, and Building 3: 1,200 Amp SWG.
44	Confirm attachment method for Dekton panels at building office entrances.	Dekton panels should be mechanically fastened and not fully adhered.
45	Confirm material for blue panel at building office entrances.	It is painted tilt wall.
46	Confirm FC of lighting within warehouse.	Warehouse lighting should be 25 FC throughout warehouse.
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