

NFIL Pre-Bid RFI Log

	Date Logged	Question	Response
1	2/2/2022	Detail 2/D-1 on the civil sheets calls for a 6" dumpster pad. Detail A/S2.10 on the structural sheets calls for an 8" dumpster pad. Please let us know which one is correct.	The detail on the civil sheet has been removed. See Structural.
2	2/2/2022	There is a "Monument Sign" called out on several pages of the drawings (C-2, A1.0, for example). Is this existing? There are no details in the drawings for the construction of a new monument sign. If it is new, please provide construction details or an allowance for bidding purposes.	See revised sheet A2.2 for monument elevation and section.
3	2/2/2022	A 4.5' high retaining wall is noted at the back of the dumpster pad on page C-2. We are assuming this is the 4' tall masonry stem wall shown in detail 10/S5.03, correct? If there is an additional "retaining wall" at this location, please provide details.	See revised Structural sheets for corrected details
4	2/2/2022	Please provide the results of the fire flow test.	See attached Flow Test Reprint dated 08-27-21

NFIL Pre-Bid RFI Log

5	2/2/2022	<p>The utility plans (U-1) show a 4" fire main serving the fire protection, domestic, and irrigation. In accordance with NFPA 13 24.1.3.3 the domestic and irrigation flow must be calculated. What is the expected flow rates for the domestic and irrigation systems?</p>	<p>Domestic and irrigation flows are calculated as 100 gpm and 40 gpm respectively.</p>
6	2/2/2022	<p>The utility plans (U-1) has a Fire Department Connection located remotely. The fire protection plans (F2.1) has the Fire Department Connection on the building. Will both be required, if not which one will be deleted from the scope.</p>	<p>Remote FDC required.</p>
7	2/2/2022	<p>Will the required Full Forward Flow test port (NFPA 13 8.17.4.5.1) be located on the backflow or the building?</p>	<p>Backflow preventer</p>
8	2/2/2022	<p>Sheet keynotes 6 & 8 on FP2.1 and Sheet keynote 5 & 7 on FP2.2 require sprinklers above acoustical ceilings. Is this room specific? What hazard is being protected?</p>	<p>See revised sheet FP2.1</p>

NFIL Pre-Bid RFI Log

9	2/2/2022	<p>Is there a detail of the “Acoustical Ceiling Blades” mentioned on Page FP2-1 Sheet Keynote 7?</p>	<p>See revised sheet FP2.1</p>
10	2/2/2022	<p>1. There is a Top of Footing note on footing WF-7.0 near grid line A-9 stating that TOF is 10.0. We assume that this is typical along the entire length of grid line “A”, correct?</p>	<p>Correct.</p>
11	2/2/2022	<p>1. Please provide TOF elevation for footings F-4.0 (Alternate A2).</p>	<p>See revised sheet S2.00 for top of footing elevations</p>
12	2/2/2022	<p>1. Multiple “WF” footings within the building grid are not labeled with TOF (see WF-10.0 at grid line 7, for example). Are we to assume that all TOF elevations are -2.0, unless noted otherwise? If this is not correct, please provide us with TOF elevations for all footings not currently noted on page S2.00.</p>	<p>See revised sheet S2.00 for top of footing elevations</p>

NFIL Pre-Bid RFI Log

13	2/8/2022	<p>After digging into the specs I found that Section 211314, 1.03.B.1.C requires the facility to be sprinklered according to NFPA 45 Fire Protection for Laboratories Using Chemicals (2015 Edition). NFPA 45 requires standpipes. The underground fire main must be 6" for standpipes.</p>	<p>#13 – NFPA 45 (2015) 6.2.1 Requires standpipes in lab buildings that are two or more stories above the grade level (level of exit discharge). Our building is only one story above grade level. Standpipes are not required</p>
14	2/8/2022	<p>Will the standpipes required by NFPA 45 be manual or automatic. Will they be class I, II, or III?</p>	<p>Standpipes are not required</p>
15	2/8/2022	<p>Will the fire main size be revised due to the standpipe system. NFPA 13 (2016) 24.1.3.1 & 24.1.3.2 (1)</p>	<p>Standpipes are not required.</p>
16	2/8/2022	<p>Please provide the model for the dry sprinkler that will cover the OH2 loading dock. Should the loading dock be protected with a dry sprinkler system?</p>	<p>Refer to specification section 21 1314, 2.08.E.4 for sprinkler specification to cover exterior projections. Standard and/or Extended coverage dry horizontal sidewalls may be used. A dry system is not required to protect the loading dock.</p>

NFIL Pre-Bid RFI Log

17	2/8/2022	Will the project be subject to building permit fees? If so, is the contractor responsible for paying those fees and including the cost in their bid?	Yes. The balance of the review fee is estimated to be: \$4,698.54
18	2/8/2022	Will the project be subject to sewer and water tap fees and system charges required for connection to existing utilities? If so, is the contractor responsible for paying those fees and including the costs in their bid?	Yes. Those fees have been estimated to be \$77,093.39
19	2/8/2022	The geotechnical report (page 7 of 12) recommends “subsoil excavation to provide a minimum of 24” of separation between clayey soils and bottom of proposed structural footings”. There is no indication of this recommendation in the structural drawings. Is this excavation a requirement of the project and, if so, what is the extent?	EGS recommends this be a requirement. As noted on Page 7 of 12 of the geotechnical report, the removal should extend at least 6 inches beyond the edge of the footing.

NFIL Pre-Bid RFI Log

<p>20</p>	<p>2/8/2022</p>	<p>The geotechnical report (page 9 of 12) recommends a preloading sequence be performed prior to “foundation construction”. We read this to indicate that we should pre-load the site and then construct the 10’ foundation wall on the north side of the site in new, compacted fill. If this is correct, it would require that we excavate 14’ down to footing bottom, requiring a significant additional cost for trench protection along the entire north side of the building. This exercise would then be followed by the removal of the surplus soil extending 5’ beyond the wall, along with re-compaction of the pre-load materials inside the wall. The structural drawings do not mention these details, noting only that the bidder should refer to the geotechnical report.</p> <p>Please clarify if the footing and foundation wall along the north side of the building can be constructed prior to pre-loading the site, or if the wall must be constructed after the pre-loading sequence is completed.</p>	<p>The wall is to be built before the fill placement (and preloading). For this case, upon completion of the wall, the building area fill should be constructed to final grade and left in place at least 14 days prior to beginning construction of footings that bear in the fill.</p>
<p>21</p>	<p>2/6/2022</p>	<p>Substitution Request for Suspended Wood Ceilings for 9Wood 2316-2 Continuous Linear ceiling system and matching wall system be accepted as comparable to basis of design listed in specification section 095426</p>	<p>The substitution request per section 004325 for this project has been approved per request.</p>