

Moriches Annex
For The
Mastics Moriches Shirley Community Library

Fire Sprinkler

H2M Architects and Engineers
Sandpebble – Project Manager

October 11, 2021

Contract #15.300 Addendum #5:

This Addendum shall supersede the original plans or specifications. All other conditions shall remain unchanged. The following changes shall be included within bids.

CHANGES TO THE DRAWINGS:
NONE

RFIS:

1. **QUESTION:** The bid drawings do not appear to state what finish the dry system pipe and fittings should be, could you please advise if the dry system should be black or galvanized?

ANSWER: Pipe between FDC and main raiser shall be galvanized steel. All other piping shall be black steel.

2. **QUESTION:** The Attic sprinkler system appears to be spaced greater than NFPA 13 allows for this type of construction. Can we confirm the layout shown on FP-100 is correct?

ANSWER: Spacing of sprinkler heads within shall be at a maximum of 8'-0" centers perpendicular to the slope (NFPA 13.8.6.4.1.4.4) which is reflected on the drawings. Final layout and spacing shall be the responsibility of the contractor and the contractor's fire sprinkler designer (211000.1.2).

3. **QUESTION:** Is there any new information on the hanging panel in the finishes ceiling area?

ANSWER: Hanging panel specification in project manual. The panels are to be suspended so the top of the panels are 18" below the bottom of the sprinkler head.

4. **QUESTION:** The bid hydraulic calculations appear to be a wet system calculation for a dry system. It also appears only one 30% increase in area was applied. Can you please confirm the correct type of system is noted and the calculations match?

ANSWER: Page 2 of the preliminary fire sprinkler hydraulic calculations indicate the calculations were based on a DRY system which match the system installed. 30% increase in area is to be applied to only the hydraulically most demanding area.

5. **QUESTION:** Per Section 8.6.5.2.2 of NFPA 13, 2016 edition we must be a minimum of 18-24 inches away from a suspended object that is 12" down from the ceiling. To play it safe, we'd like to be a minimum of 24" away.

The red dots represent my proposed locations, please keep in mind that the sprinkler head and baffle locations must be coordinated ahead of time. Any deviation in location could result in additional sprinkler heads needed and potentially increasing the hydraulic calculations, requiring larger pipe sizing.

ANSWER: H2M: I take no exception to the location changes, the suspended baffles can be manipulated a bit as well if the fire sprinkler locations take precedent.

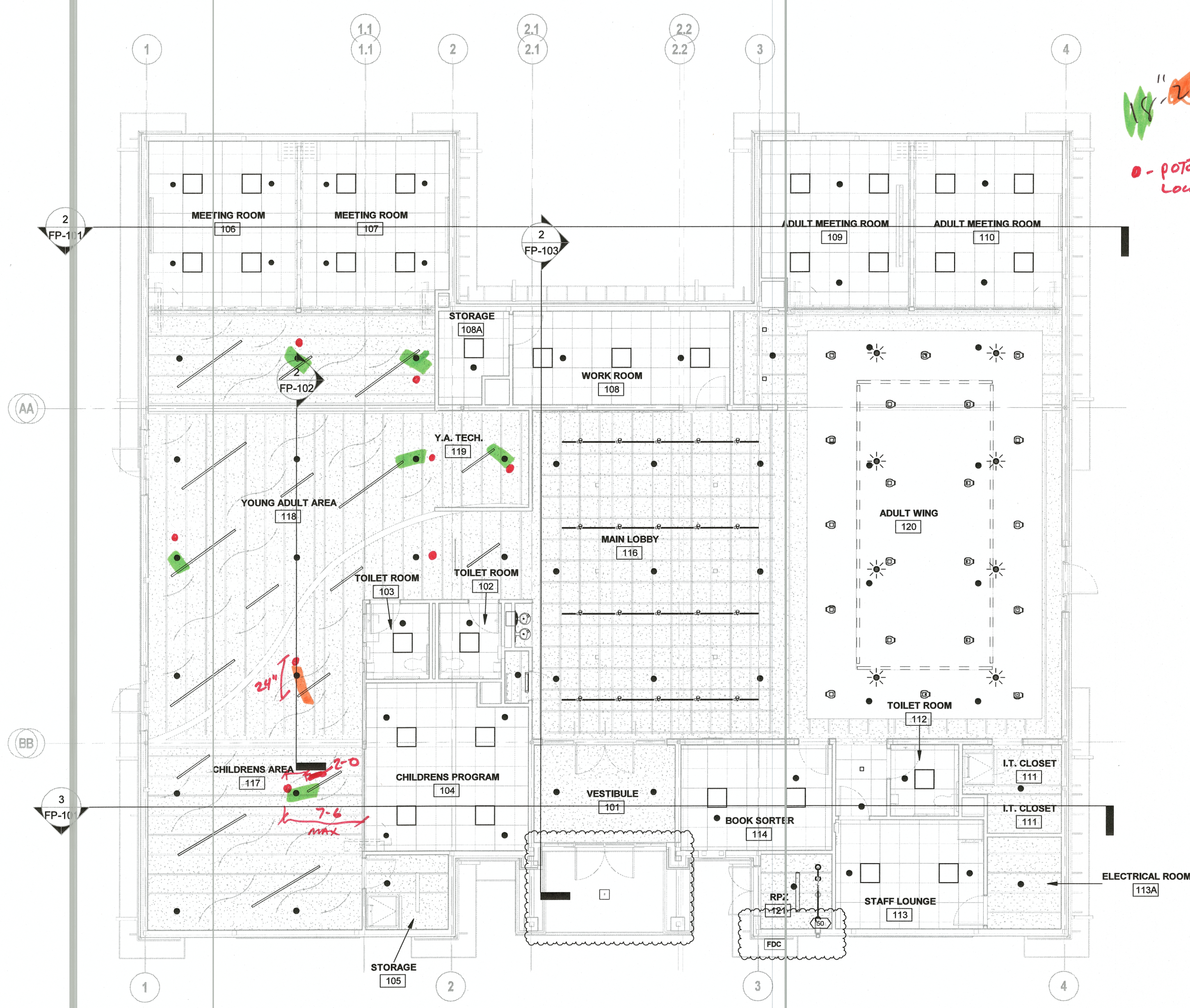
CHANGES TO BID FORM:
NONE

OTHER BIDDING CLARIFICATIONS:

- **The Bid due date has been extended. Sealed Bids are now due by 12pm Thursday October 21, 2021**
- **The Bid Opening will be at 1pm October 21, 2021 and will be read aloud via Zoom Conference call. Each Bidder will receive a link and password to the email provided on the Bidder Registration Card the morning of the 21st.**

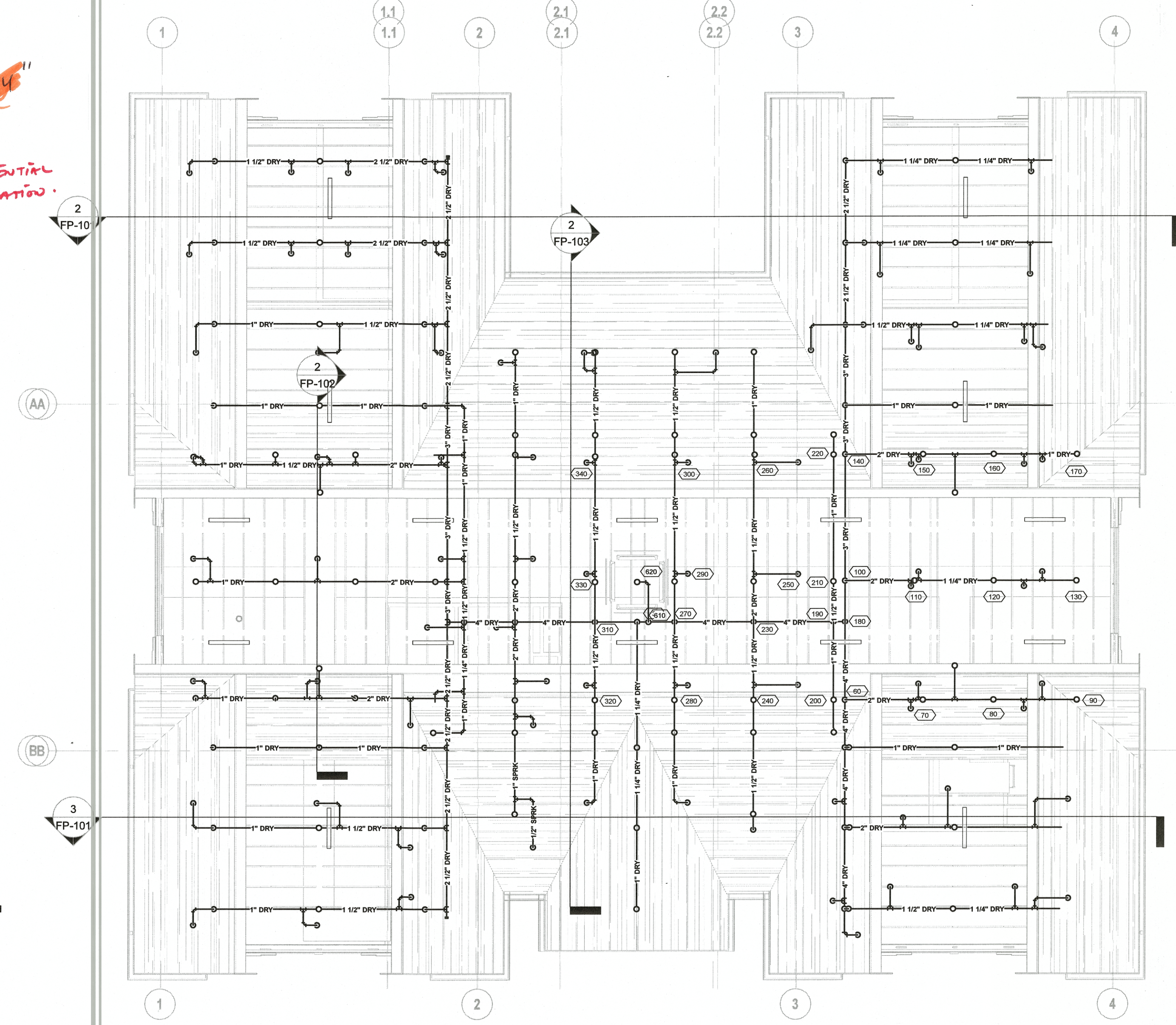
Receipt and inclusion of all information provided in this **Contract #15.300 - Addendum #5** to be noted in the Addendum section of the **Bid Form** to be submitted per the Notice to Bidders and Instructions to Bidders provided in the bid package.

Should you have any questions or concerns please contact Ashley Lester of Sandpebble @ 631-287-6000, ashley1@sandpebble.com as soon as possible.



1 FLOOR PLAN - FIRE PROTECTION
SCALE
4' 0 8' 16' 24'

18" 24"
0 - POTENTIAL LOCATION



2 ATTIC PLAN - FIRE PROTECTION DISTRIBUTION
SCALE
4' 0 8' 16' 24'

PROPOSED MORICHES ANNEX
FOR
MASTIC MORICHES SHIRLEY
COMMUNITY LIBRARY
201 Montauk Highway
Moriches, NY 11955
SED 58-02-32-03-0-056-001



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SAE Project No: 20046

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drawn designed checked
drawing not valid without authorized sse signatures

1	Date 1	Revision 1
	2021.03.09	ISSUE FOR BID

No.	DATE	REMARKS
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SHEET TITLE
FIRST FLOOR AND
ATTIC PLANS - FIRE
PROTECTION

SCALE AS NOTED
DATE 2021.03.09
SHEET NO.

FP-100