

**RFP ADDENDUM #1**  
**Date of Addendum: 12/12/2023**

**NOTICE TO ALL POTENTIAL RESPONDENTS**

The Request for Proposals (RFP) is modified as set forth in this Addendum. The original RFP Documents and any previously issued addenda remain in full force and effect, except as modified by this Addendum, which is hereby made part of the RFQ. Respondent shall take this Addendum into consideration when preparing and submitting its Proposal.

**PROPOSAL SUBMITTAL DEADLINE**

The Proposal submittal deadline remains the same and is not changed by this Addendum.

**1.0 – RFP**

Item	Section	Description of Change

**2.0 – QUESTIONS AND ANSWERS**

The following questions and answers are provided as a matter of information to clarify issues raised about the RFP. To the extent that changes to the RFP are required based on the questions received, the RFP has been modified as noted above in the RFP section of this Addendum.

Item	Questions and Answers
2.1	<p><u>Question:</u> Just wanted to know if you have any specific name and color for the Clay Tile as the Ludowici's sales rep. is asking for samples to make sure that the new roof clay tiles match existing.</p> <p>They have a lot of colors and textures and just wanted to make sure and pick the right one.</p> <p><u>Answer:</u> See attached color detail. Texture will be – weathered barrel tile</p>

**3.0 – INFORMATION**

The following item(s) are provided as a matter of information only to all respondents and do not modify or become part of the Contract Documents.

Item	Description
3.1	Original Building Plans

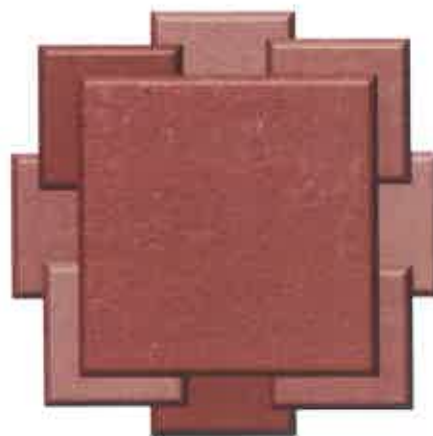
**END OF ADDENDUM**



## CLAY RED BLEND CR

Clay red is the color of unglazed Ludowici tile. The range of tones that arise from the manufacturing process is a normal and very desirable feature of natural clay tile, imparting richness, character and a more dimensional appearance to the roof. Color is included in our 75-year material warranty.

For more information on Ludowici colors, please see the *Art and Science of Ludowici Color* on the back of this card.



*Partial representation of expected color range shown.*

Creating the color of a terra cotta roof tile is part science and part art. There is always a range of tones within any given color. It is impossible to produce a monochromatic terra cotta roof tile.

In most cases, color is applied by spraying the surface of wet tile with glaze (a mixture of glass frit, silicas and pigments) prior to firing. At kiln temperatures over 2000 degrees Fahrenheit, the spray components fuse onto the surface, becoming an integral part of the tile itself.

Some colors are made from a two-step process involving a base coat and overspray. These colors will naturally display a broader range in tones as the overspray varies in its coverage of the base coat. A broad range will also be produced with colors utilizing high iron content.

- The variation of tones within a selected color is affected by many production factors including:
- Temperature variations in the kiln;
- Position of each tile in the kiln;
- Spray patterns and resulting coverage; and
- Subtle natural differences in clay, pigment and frit composition.

The range of tones that arise from the manufacturing process is a normal and very desirable feature of natural clay tile, imparting richness, character and a more dimensional appearance to the roof. Variation in tones should never be considered a defect or flaw. The range of colors produced may vary with each firing process.

## **Leaded Glazes**

Recognizing that leaded glazes represent a serious and real threat to the safety of workers and the environment, Ludowici discontinued their use many years ago. Clay tile roofs found on historic buildings often used leaded glazes and matching those colors using today's non-leaded glazes is virtually impossible as the tile color is profoundly impacted by glaze chemistry. While exact color match is not possible, rest assured that Ludowici's custom color development team will make the closest match possible.

## **Blending Colors**

Color blending, wherein several different colors of terra cotta roof tile are mixed on a roof (such as red, brown and gold), provides the designer or architect an opportunity to create a subtle or dramatic, one-of-a-kind design statement. Diamond or other geometric patterns can also be created.

Ludowici technical service specialists can assist in estimating the amounts of tile needed from design renderings. In addition, we can provide information on blends from previous orders for comparative purposes or for artistic inspiration. When working with blends pay careful attention to fittings. They can be produced entirely in one color or reflect the percentages of colors in the blend.

In addition, Ludowici design specialists highly recommend constructing a test patch of no less than 50 tiles as a final check prior to ordering. As with all shipments of Ludowici tile, contractors must take care when loading the roof with a blend of colors so that mix and percentages of color are uniformly maintained.

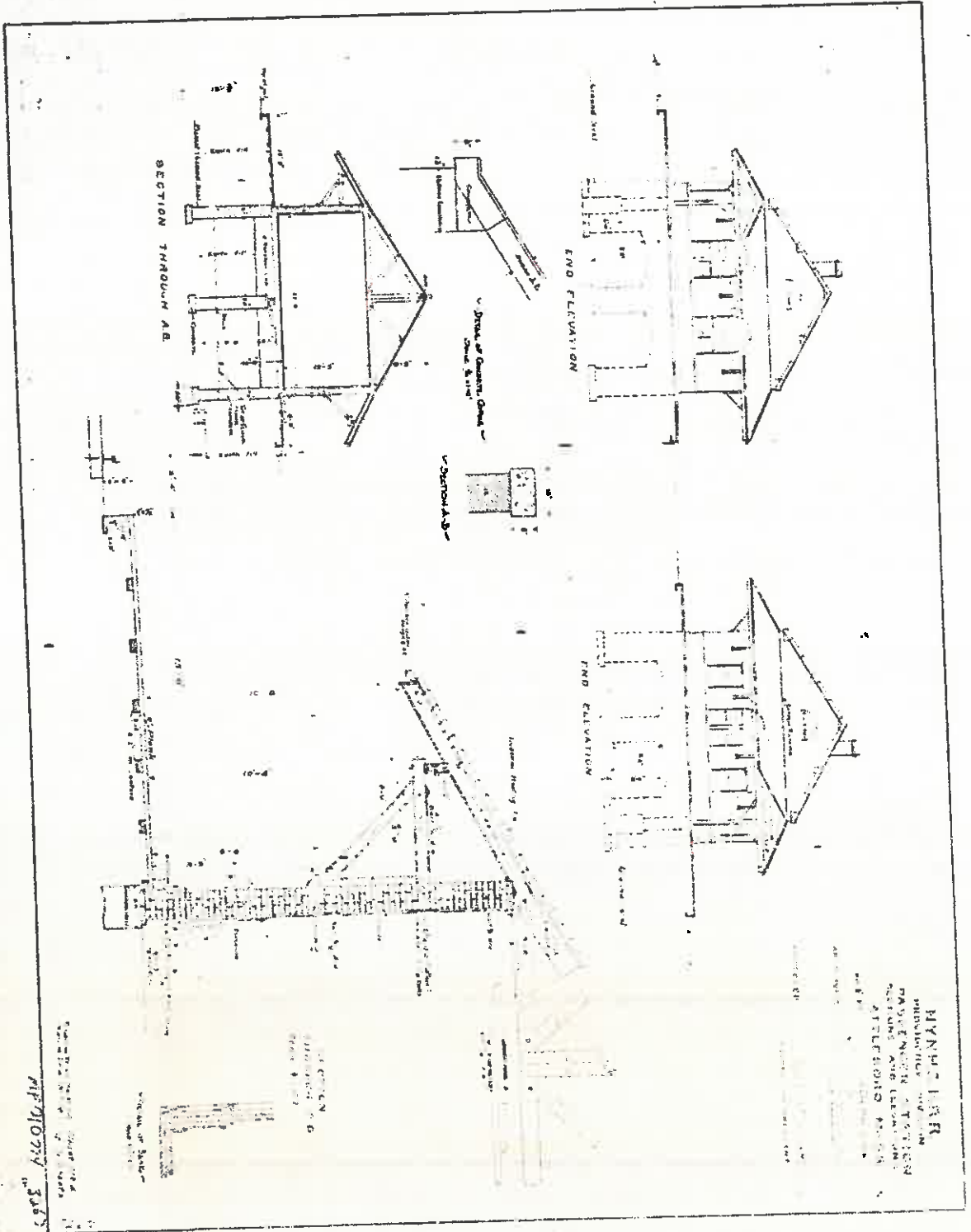
## **Enduring Color**

As our color is fired in and chemically bonded with the tile substrate, Ludowici terra cotta roof tiles will not lose their original intensity or color under normal environmental conditions. Natural clay red (unglazed) tile ages minimally too. And unlike some hard roofing products, the surface of Ludowici tile will never become marred by unsightly white salt deposits (efflorescence).

However, in areas subject to pollution, especially those with acid rain, the surface of the tiles may become weathered or subject to deposits that can slightly alter color over time. Matte finishes are more susceptible than high-gloss finishes.

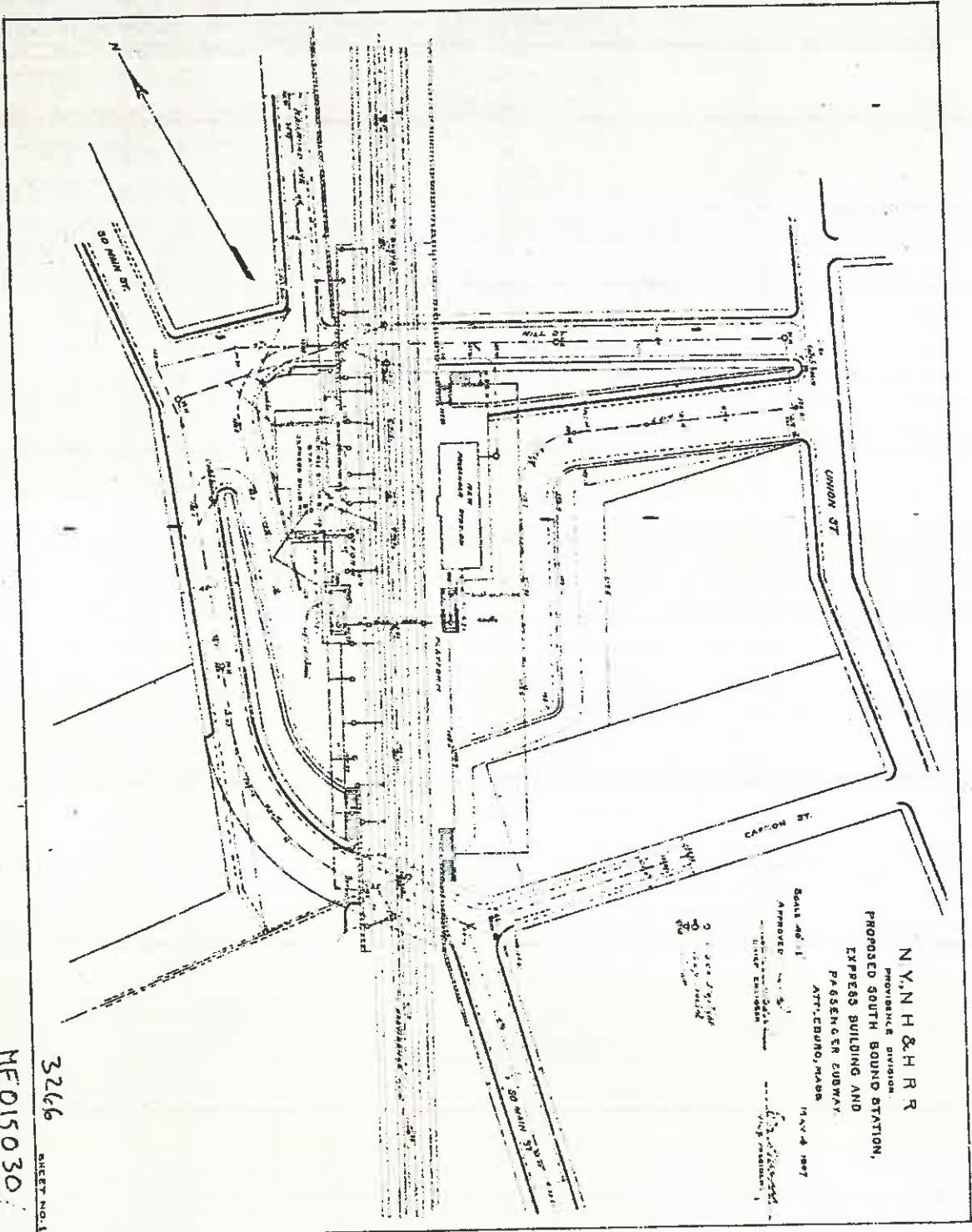
Ludowici color is so durable that colorfastness is included in our 75-year material warranty. *See warranty documents for specific details and limitations.*

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20x



N.Y.N.H. & H.R.R.  
 PROVISIONAL DIVISION  
 PROPOSED SOUTH BOUND STATION,  
 EXPRESS BUILDING AND  
 PASSENGER SUBWAY  
 ATT. EDWARD, MASS.  
 MAY 4, 1907

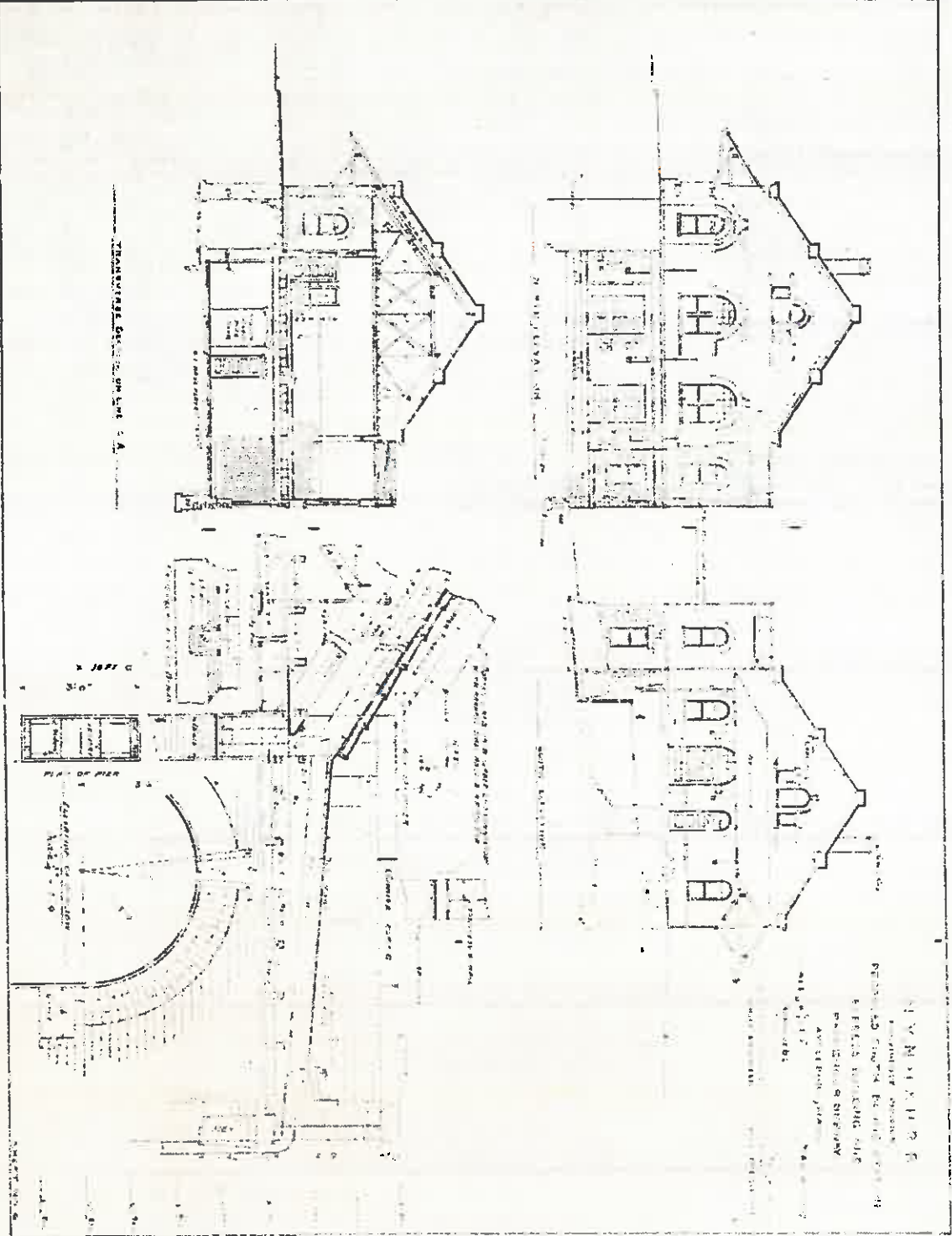
Scale of 1" = 100'  
 APPROVED  
 DIVISION ENGINEER

3266  
 ME 015030

SHEET NO. 1



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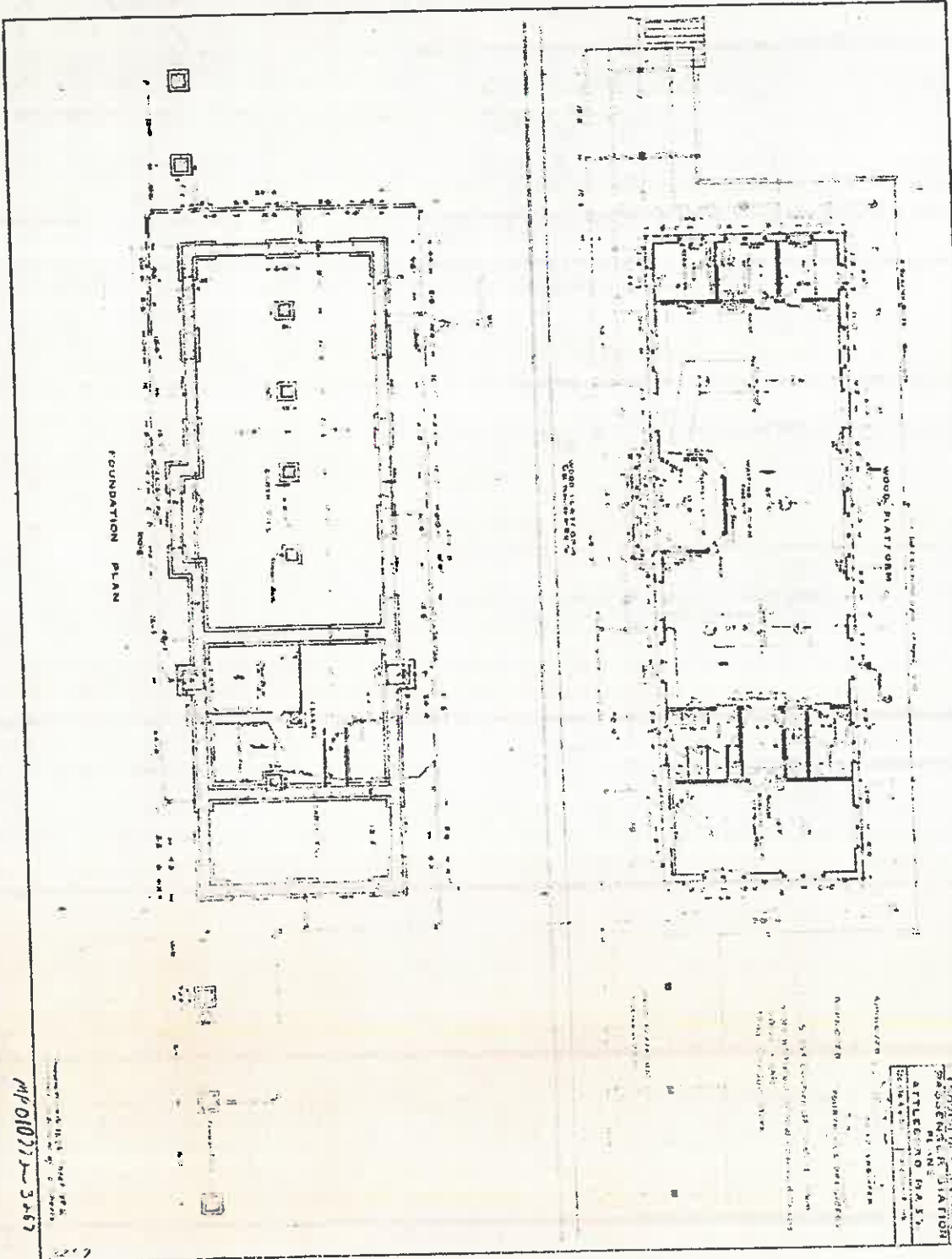
3266-1

HF 015035



NEW YORK  
 ARCHITECTS  
 100 N. 5TH ST.  
 NEW YORK, N.Y.  
 ARCHITECTS  
 100 N. 5TH ST.  
 NEW YORK, N.Y.

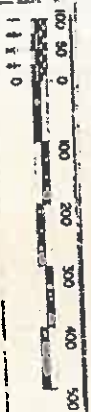
BOX



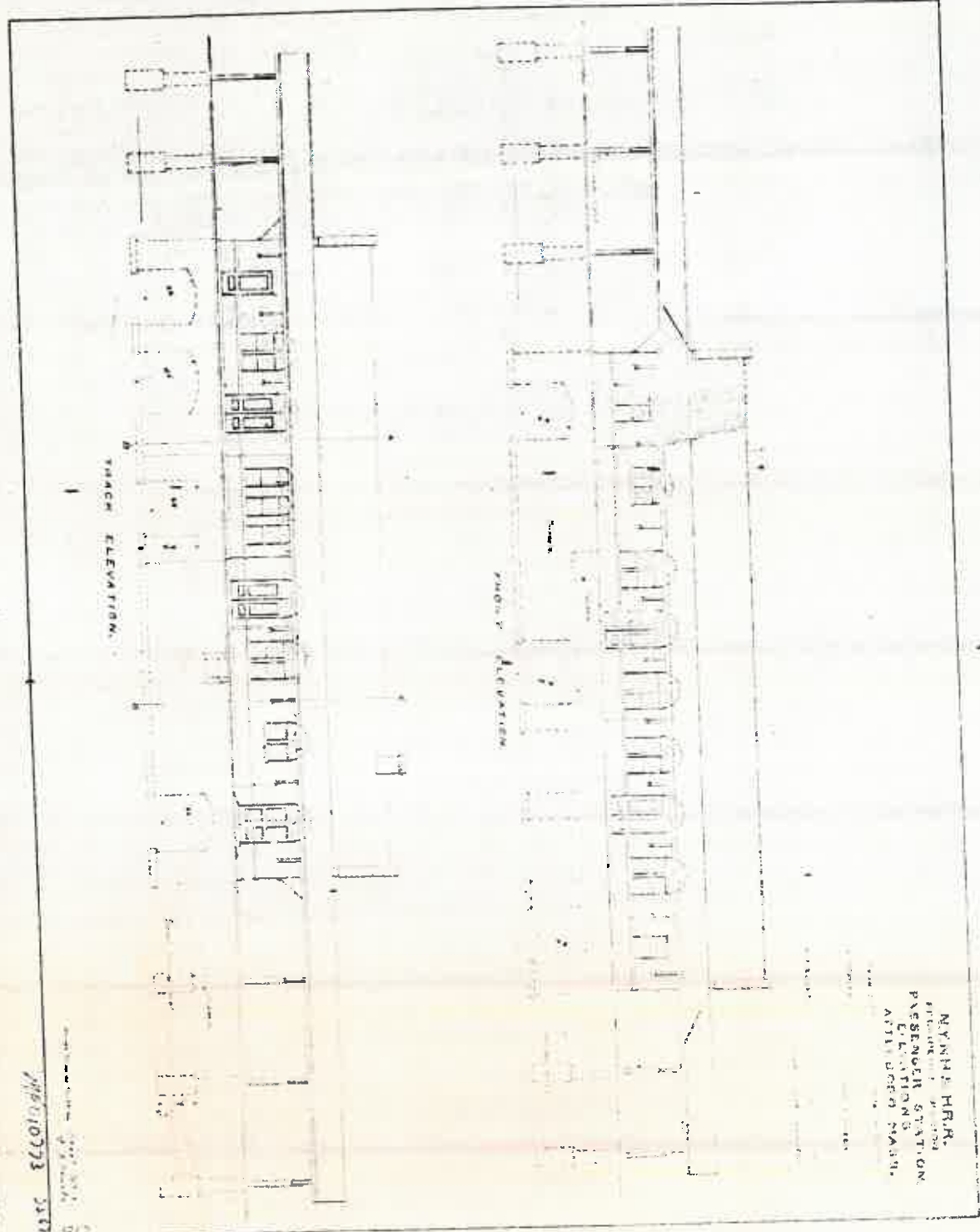
FOUNDATION PLAN

N.Y.N.H.R.R.  
 PASSENGER STATION  
 ATTENDING OFFICE  
 SECTION 11

MP 01073-3-67



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NYNH&HR  
 PASSENGER STATION  
 ELEVATIONS  
 ATTACHED MAPS

TRACK ELEVATION

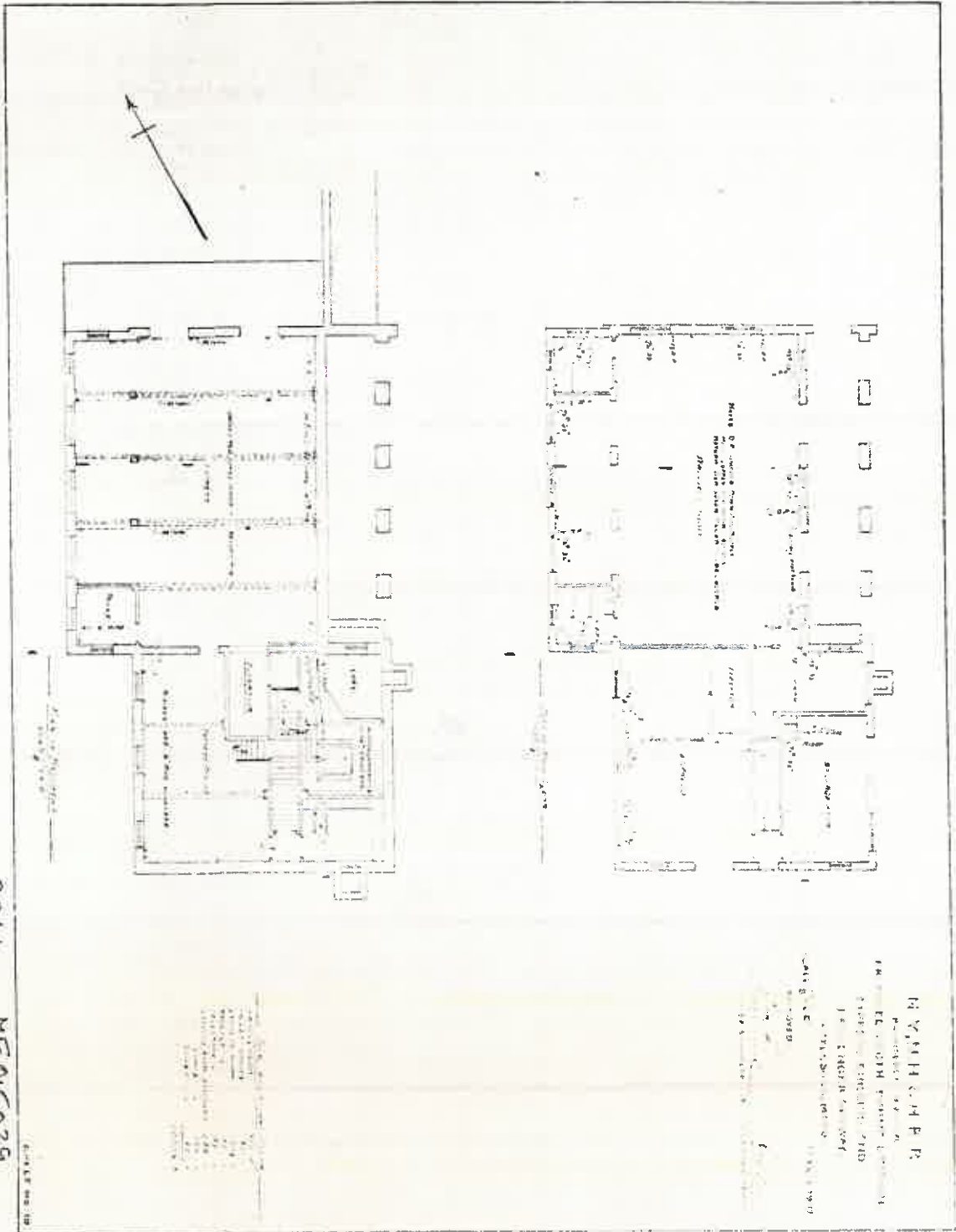
PLATFORM ELEVATION



SPC10773 2510



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**ADDENDUM  
ACKNOWLEDGMENT FORM**

Proposer must sign the ACKNOWLEDGMENT FORM to indicate receipt of Addenda. Please list each Addendum received, sign, and submit this form with your proposal in order for your proposal to be accepted.

Acknowledgement of Addendum No: \_\_\_\_\_

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Acknowledgement of Addendum No: \_\_\_\_\_

\_\_\_\_\_  
Proposer's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name and Title

\_\_\_\_\_  
Firm Name