

HEATED SF:
 1ST FL: 1,740
 2ND FL: 1,110
 TOTAL: 2,850

UNHEATED SF:
 GARAGE: 466
 FRONT STOOP: 23
 BACK PATIO: 185

GENERAL NOTES

1. ALL CONSTRUCTION TO CONFORM TO 2018 NC RESIDENTIAL BUILDING CODE (NCRB).
2. CONSTRUCTION MEANS AND METHODS ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
3. DIMENSIONS ARE TO FINISHED SURFACE UNLESS OTHERWISE NOTED.
4. WINDOW HEIGHT ON 1ST FLOOR IS 8'-0" AFF UNLESS OTHERWISE NOTED.
5. WINDOW HEIGHT ON 2ND FLOOR IS 7'-0" AFF UNLESS OTHERWISE NOTED.
6. ALL DOORS TO BE SET 6" FROM ADJACENT PERPENDICULAR WALL UNLESS OTHERWISE NOTED.
7. INSTALL MOLD AND MILDEW RESISTANT GYPSUM WALLBOARD ON WALLS AND CEILINGS IN ALL BATHROOMS AND TOILET ROOMS.
8. STRUCTURAL ELEMENTS SHOWN ARE FOR REPRESENTATIONAL PURPOSES ONLY. SEE SIGNED AND SEALED STRUCTURAL DRAWINGS FOR ACTUAL SIZES AND ADDITIONAL INFORMATION.
9. ELECTRICAL LAYOUT BY GENERAL CONTRACTOR.

CRAWL SPACE

10. CRAWL SPACE SHALL BE SEALED AND CONDITIONED IN ACCORDANCE WITH NCRB SECTION R409.
11. PROVIDE ACCESS TO CRAWL SPACE PER NCRB SECTION R409.1.2.
12. THE FLOOR OF THE CRAWL SPACE SHALL BE GRADED SO THAT IT DRAINS TO ONE OR MORE LOW SPOTS. INSTALL A DRAIN TO DAYLIGHT OR SUMP PUMP AT EACH LOW SPOT. CRAWL SPACE DRAINS SHALL BE KEPT SEPARATE FROM ROOF GUTTER DRAIN SYSTEMS AND FOUNDATION PERIMETER DRAINS.

EGRESS

13. PROVIDE MINIMUM OF (1) WINDOW PER BEDROOM THAT MEETS EGRESS REQUIREMENTS PER NCRB SECTION 310.1.
14. CONSULT WINDOW MANUFACTURER'S SPECIFICATIONS FOR EGRESS REQUIREMENTS, PRESSURE RATINGS, AND ROUGH OPENINGS.

STAIRWAY

15. STAIRWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH NCRB SECTION R311.7:
 - INTERIOR STAIR WIDTH: MINIMUM OF 36" ABOVE HANDRAIL. MINIMUM OF 31.5" BELOW HANDRAIL WHERE HANDRAIL IS INSTALLED ON ONE SIDE AND MINIMUM OF 27" WHEN HANDRAIL IS INSTALLED ON BOTH SIDES.
 - RISER HEIGHT: MAXIMUM RISER HEIGHT OF 8 1/4". THE GREATEST RISER HEIGHT SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8". THE TOP AND BOTTOM RISER OF INTERIOR STAIRS SHALL NOT EXCEED THE SMALLEST RISER BY MORE THAN 3/4".
 - TREAD DEPTH: MINIMUM TREAD DEPTH OF 11". THE GREATEST TREAD DEPTH SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8".

GLAZING

16. PROVIDE TEMPERED GLAZING IN HAZARDOUS LOCATIONS AS DEFINED IN NCRB SECTION 308.4.



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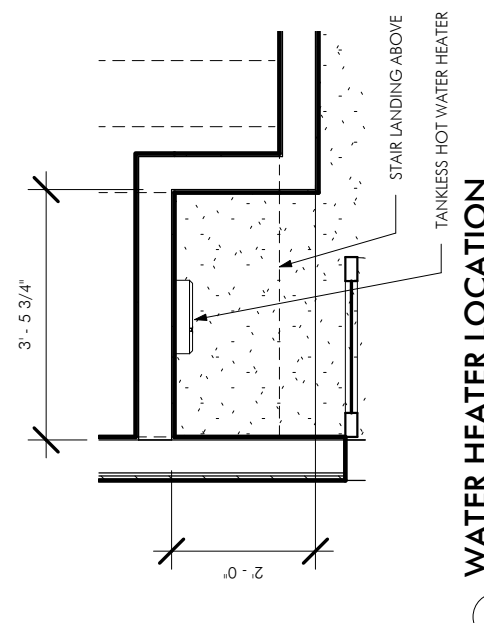
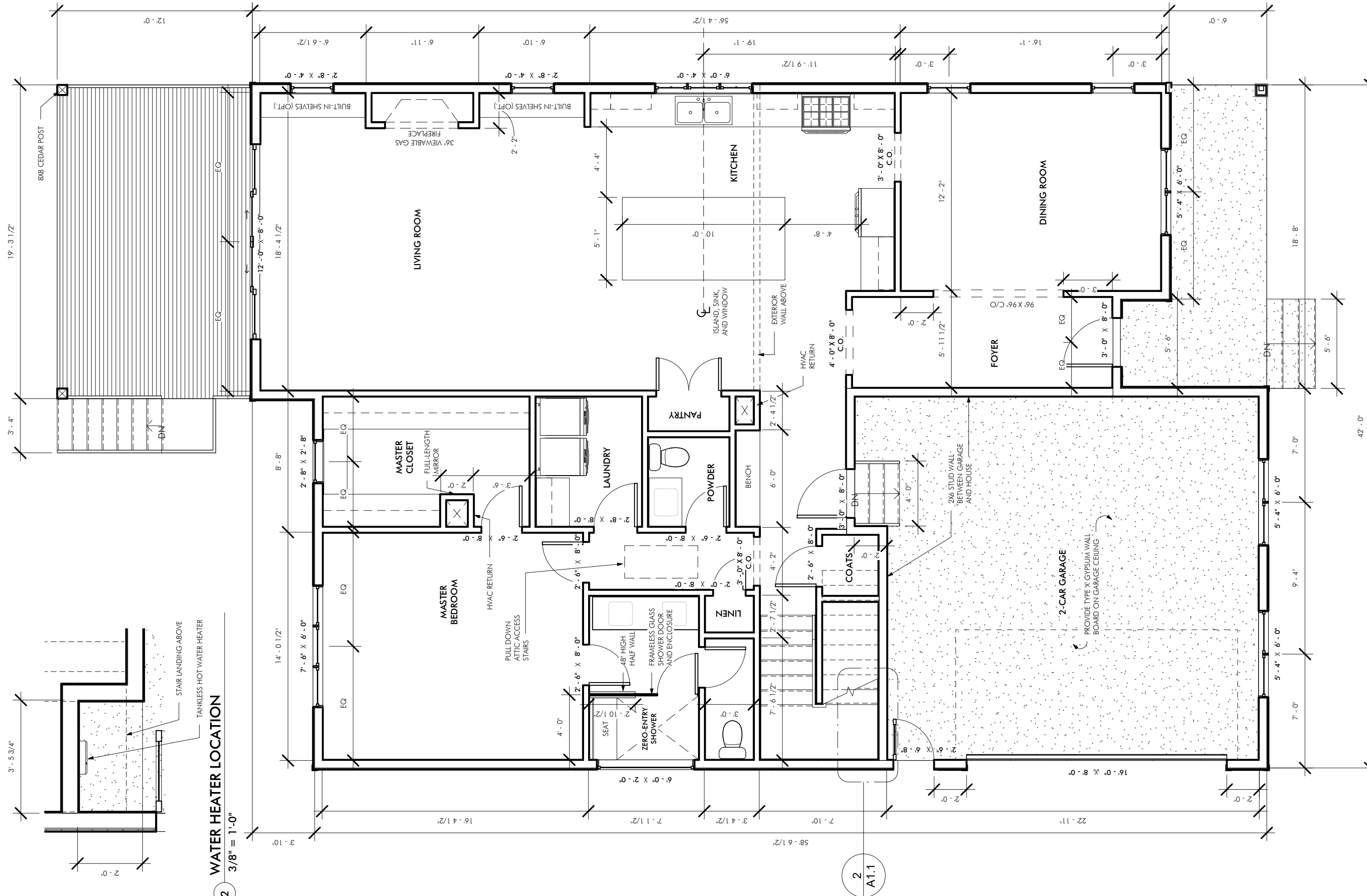
PROJECT: **The Pond II**
 FOR: **A Squared**

PROJECT NUMBER: **20-022**
 DATE: **08-12-20**
 PHASE: **For Engineering**
 SCALE:

REVISIONS:
 NO. ISSUE DATE

Cover

A0.0



2 WATER HEATER LOCATION
3/8" = 1'-0"

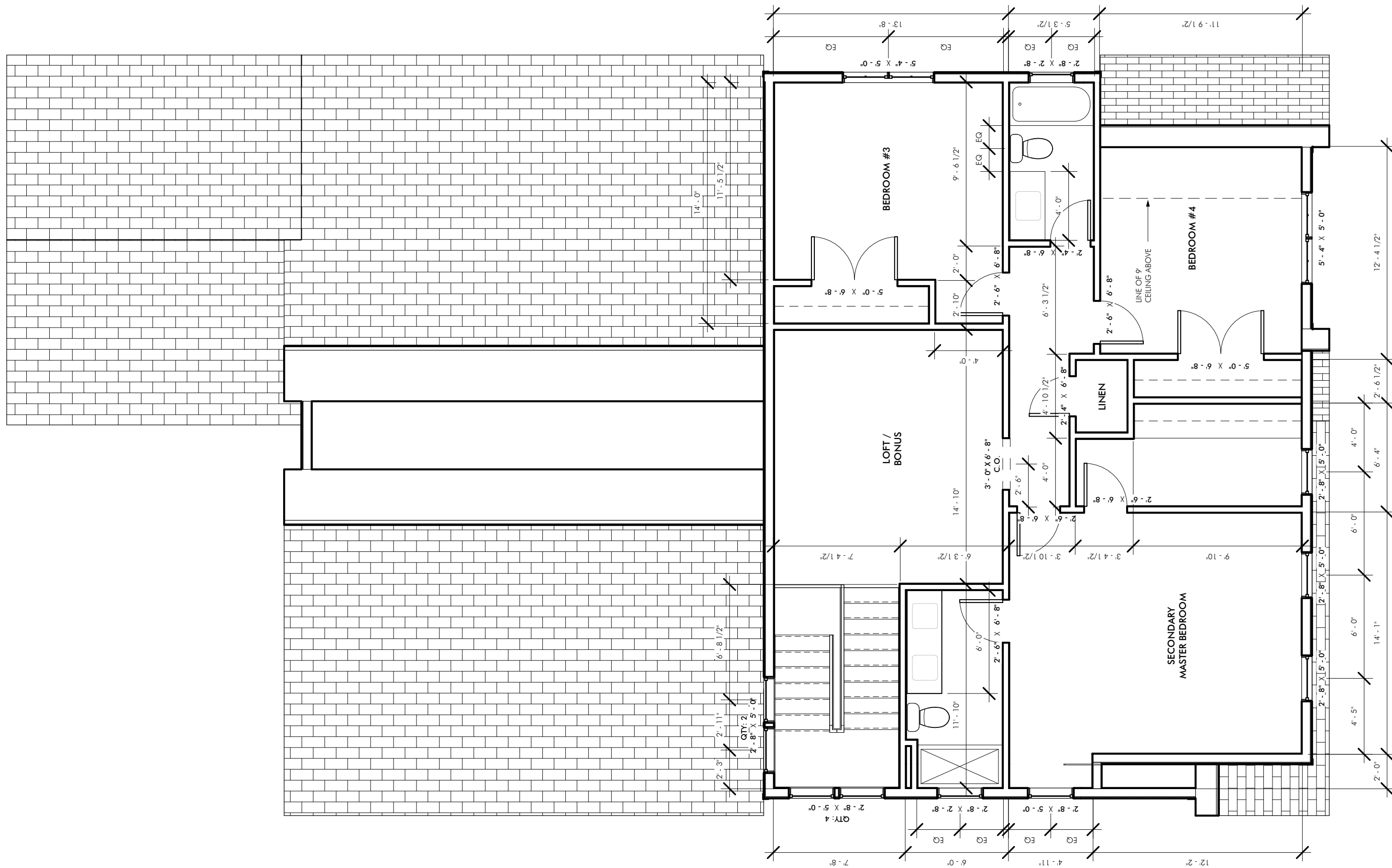
PROJECT: **The Pond II**
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DATE: 08-12-20
PHASE: For Engineering
SCALE: As indicated

REVISIONS:		
NO.	ISSUE	DATE

First Floor Plan

A1.1



5520 Alva Drive
Raleigh, NC 27606

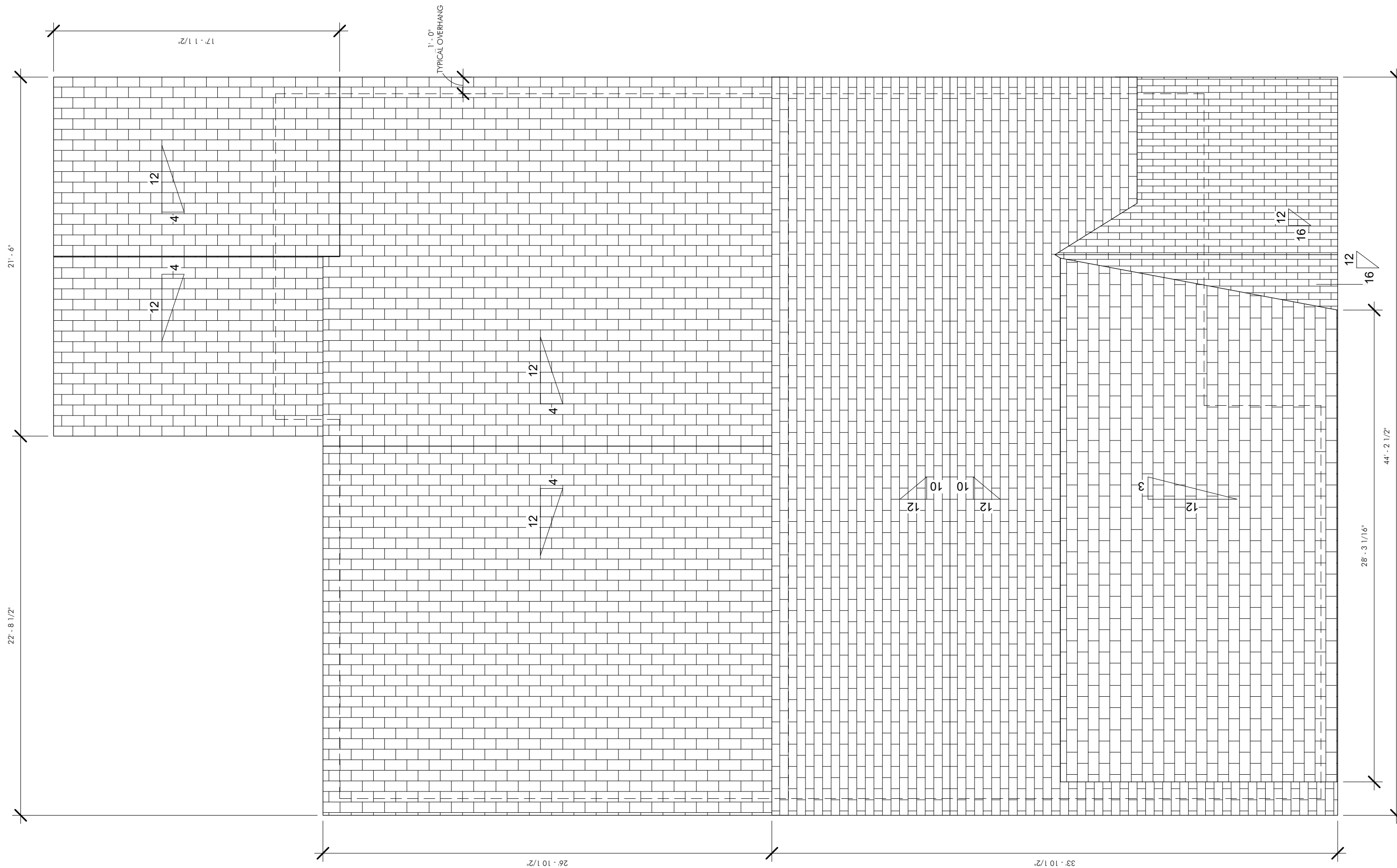
PROJECT: **The Pond II**
FOR: **A Squared**

PROJECT NUMBER: 20-022
DATE: 08-12-20
PHASE: For Engineering
SCALE: 3/16" = 1'-0"

REVISIONS:		
NO.	ISSUE	DATE

Second Floor Plan

A1.2



PROJECT: **The Pond II**
FOR: **A Squared**

PROJECT NUMBER: 20-022
DATE: 08-12-20
PHASE: For Engineering
SCALE: 3/16" = 1'-0"

REVISIONS:		
NO.	ISSUE	DATE

Roof Plan

A1.3



1 FRONT
1/8" = 1'-0"



2 RIGHT
1/8" = 1'-0"

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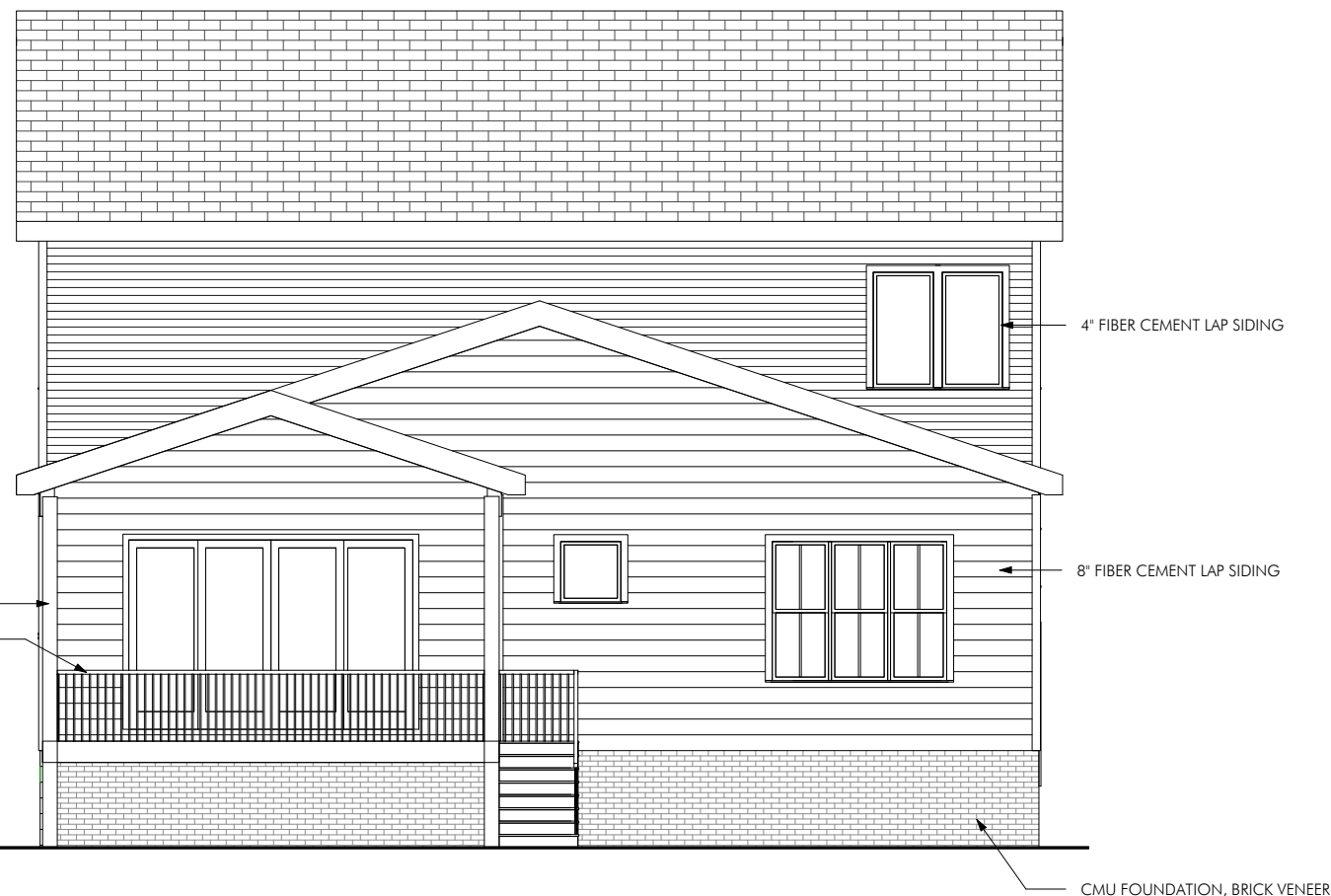
PROJECT NUMBER: 20-022
DATE: 08-12-20
PHASE: For Engineering
SCALE: 1/8" = 1'-0"

REVISIONS:

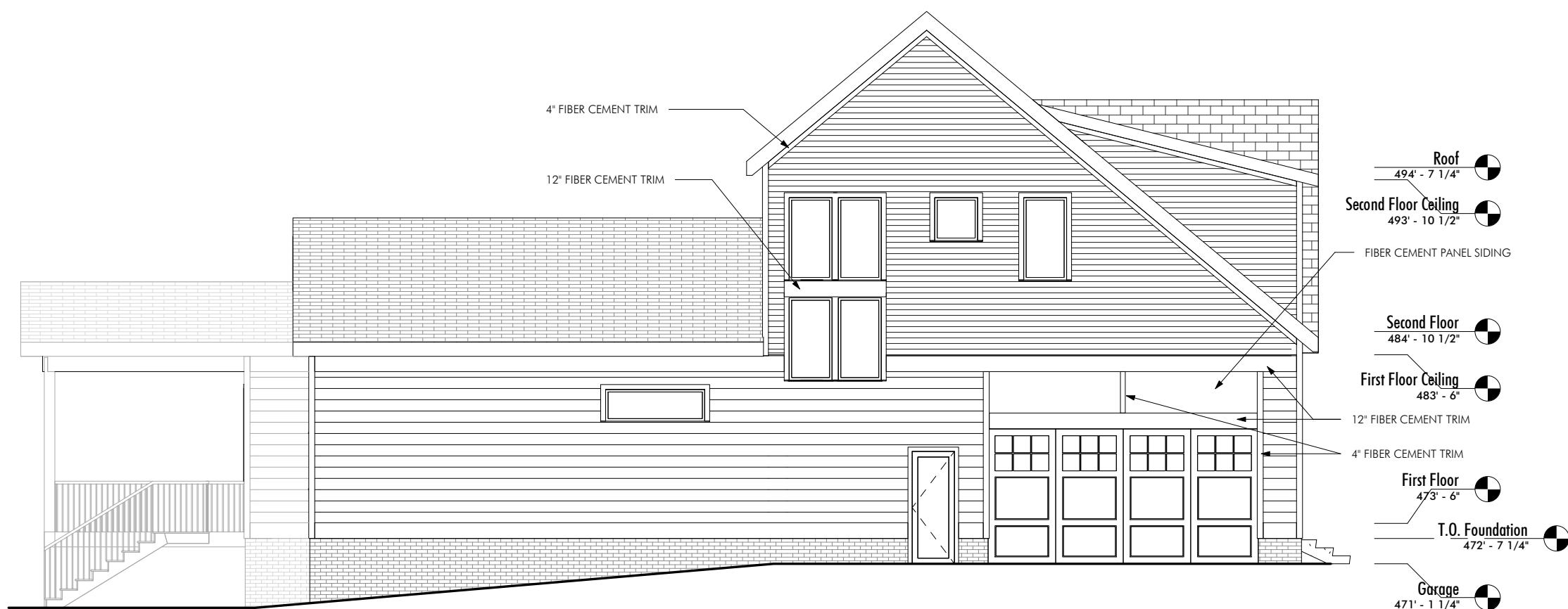
NO.	ISSUE	DATE

Elevations

- Roof
494' - 7 1/4"
- Second Floor Ceiling
493' - 10 1/2"
- Second Floor
484' - 10 1/2"
- First Floor Ceiling
483' - 6"
- 8x8 CEDAR POST
WOOD RAILING
- First Floor
473' - 6"
- T.O. Foundation
472' - 7 1/4"



2 REAR
1/8" = 1'-0"



1 LEFT
1/8" = 1'-0"

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Elevations

A2.2