



**HEATED SF:**  
BASEMENT: 650  
1ST FL: 917  
2ND FL: 1,277

**UNHEATED SF:**  
FRONT PORCH: 50  
BACK DECK: 115  
GARAGE: 440

\*AVERAGE GRADE DETERMINED AS THE AVERAGE OF THE (4) BUILDING CORNER ELEVATIONS SINCE THESE REPRESENT THE HIGH AND LOW GRADES ALONG EACH ELEVATION, IN ACCORDANCE WITH TC-17-16.

433.3'  
427.6'  
424.8'  
+433.5'  
 $1719.2' / 4 = 429.8$

**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.
2. DIMENSIONS ARE TO WOOD STUD UNLESS OTHERWISE NOTED.
3. WINDOW HEIGHT ON 1ST FLOOR IS 8'-0" AFF UNLESS OTHERWISE NOTED.
4. WINDOW HEIGHT ON 2ND FLOOR IS 7'-4" AFF UNLESS OTHERWISE NOTED.
5. ALL DOORS TO BE SET 6" FROM ADJACENT PERPENDICULAR WALL UNLESS OTHERWISE NOTED.
6. INSTALL MOLD AND MILDEW RESISTANT GYPSUM WALLBOARD ON WALLS AND CEILINGS IN ALL BATHROOMS AND TOILET ROOMS.
7. STRUCTURAL ELEMENTS SHOWN ARE FOR REPRESENTATIONAL PURPOSES ONLY. SEE SIGNED AND SEALED STRUCTURAL DRAWINGS FOR ACTUAL SIZES AND ADDITIONAL INFORMATION.
8. ELECTRICAL LAYOUT BY GENERAL CONTRACTOR.

**CRAWL SPACE**

9. CRAWL SPACE SHALL BE SEALED AND CONDITIONED IN ACCORDANCE WITH NCRB SECTION R409.
10. PROVIDE ACCESS TO CRAWL SPACE PER NCRB SECTION R409.1.2.
11. 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**

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

**STAIRWAY**

14. 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**

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

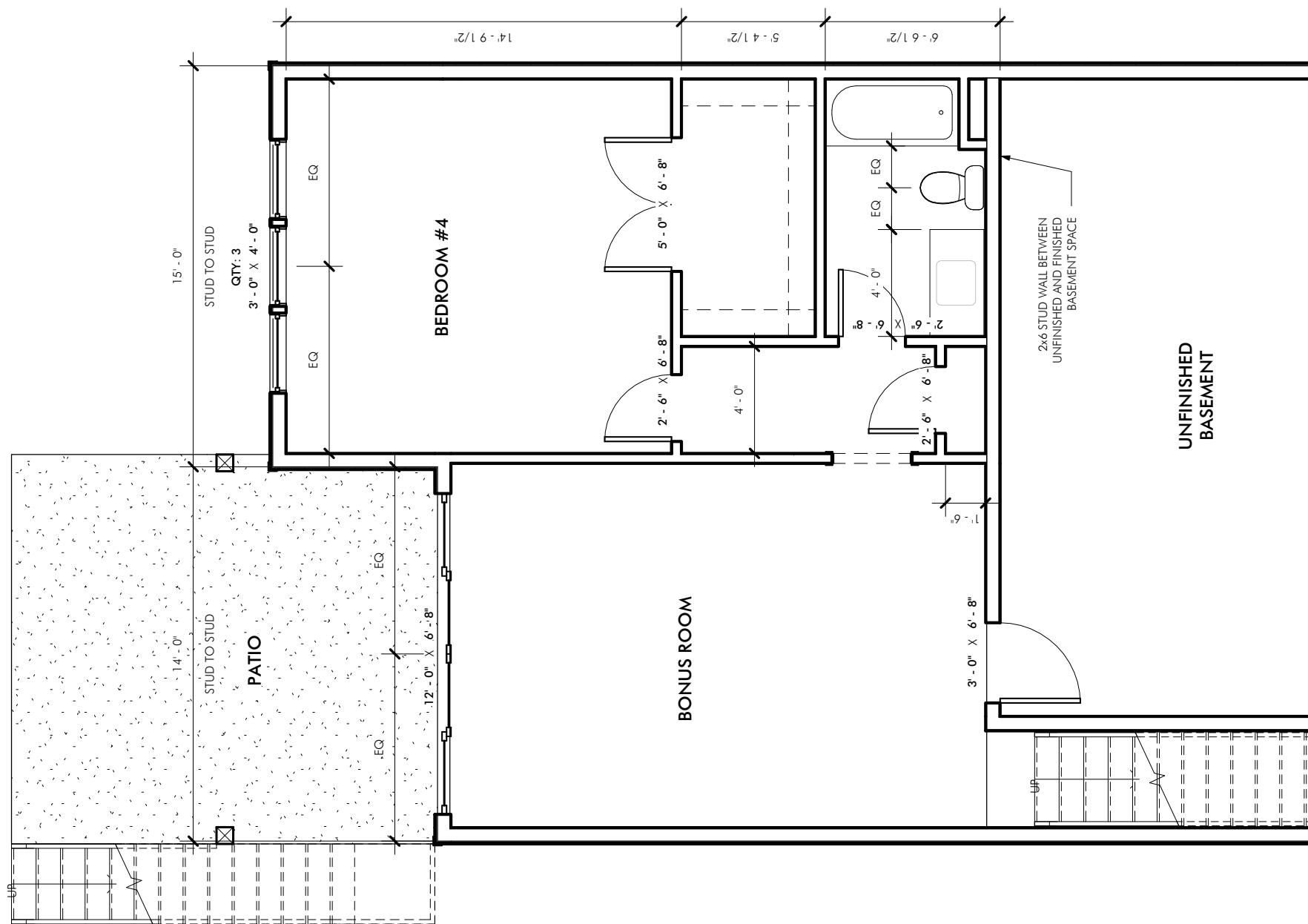
PROJECT: **The Arelia**  
FOR: **A Squared**

PROJECT NUMBER: 19-011  
DATE: 01-16-20  
PHASE: Construction Documents  
SCALE:

REVISIONS:  
NO. ISSUE DATE

**Cover**

**A0.0**



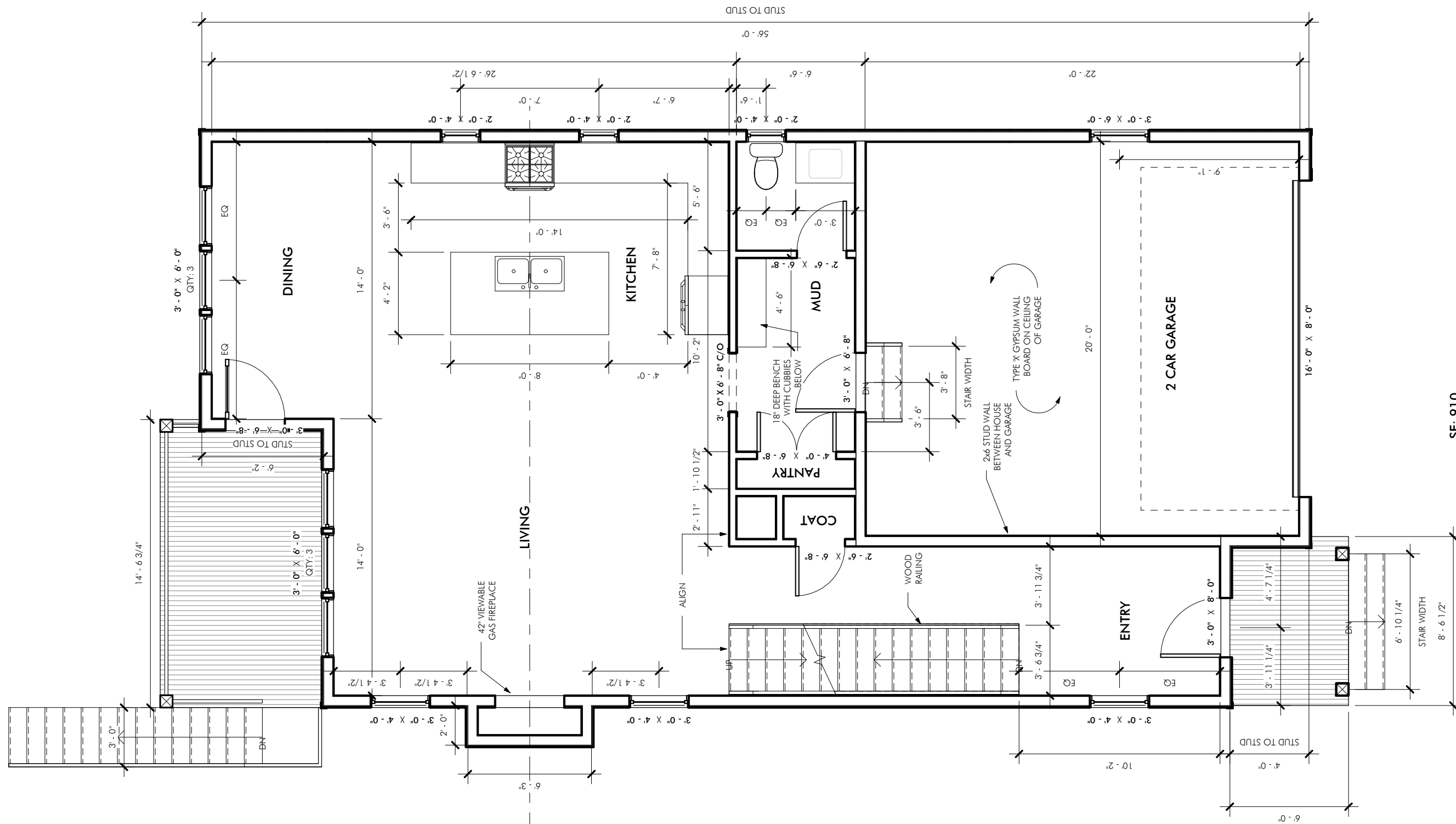
PROJECT: **The Arelia**  
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PROJECT NUMBER: 19-011  
DATE: 01-16-20  
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SCALE: 3/16" = 1'-0"

REVISIONS:  
NO. ISSUE DATE

**Basement  
Plan**

**A1.0**



SF: 910

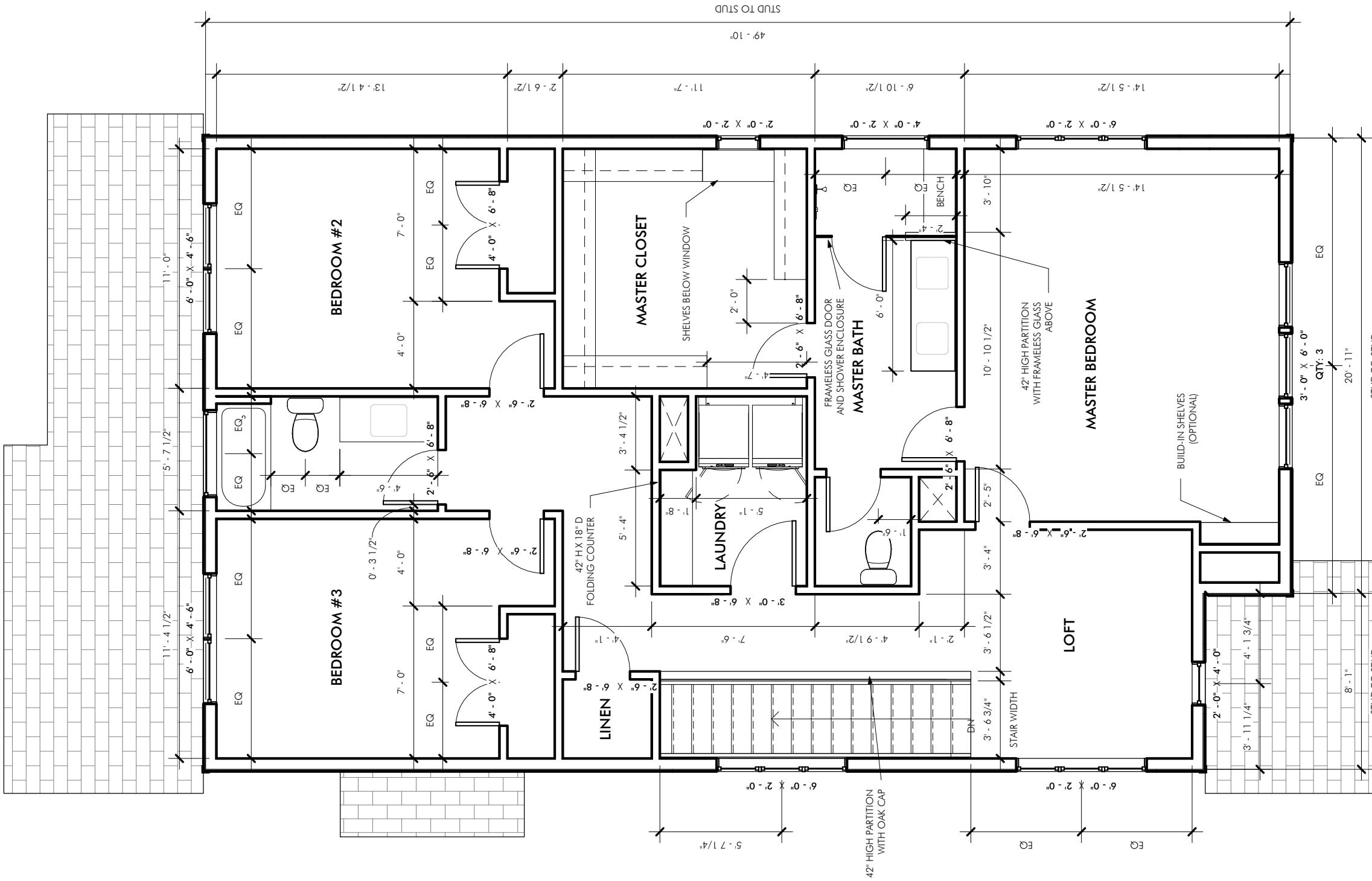
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NO.	ISSUE	DATE

## First Floor Plan

# A1.1



SF: 1280

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**Second  
 Floor Plan**

**A1.2**