

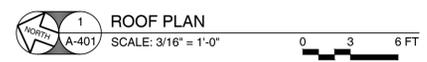
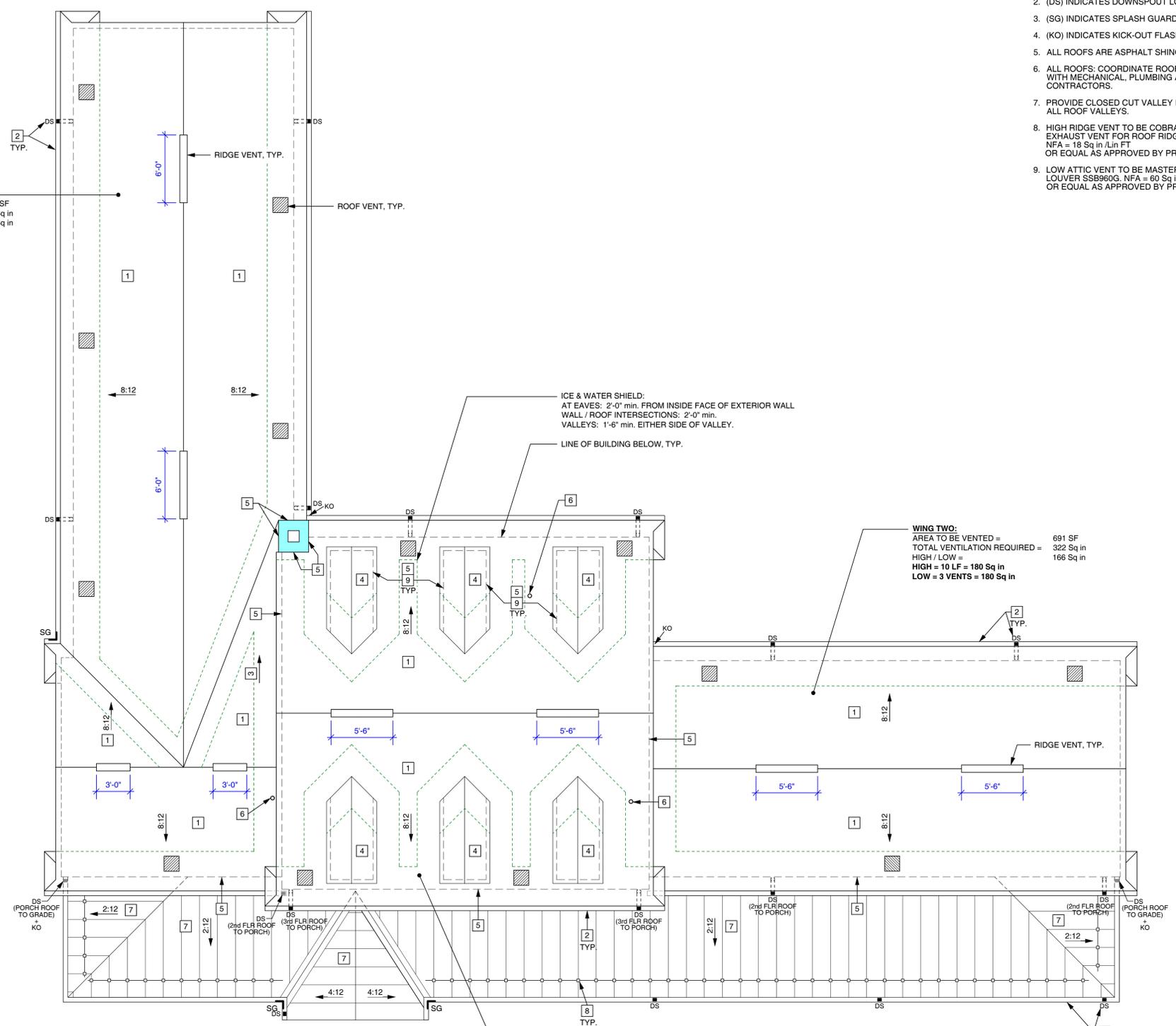
**WING ONE:**  
 AREA TO BE VENTED = 1305 SF  
 TOTAL VENTILATION REQUIRED = 626 Sq in  
 HIGH / LOW = 313 Sq in  
 HIGH = 18 LF = 324 Sq in  
 LOW = 6 VENTS = 360 Sq in

**WING TWO:**  
 AREA TO BE VENTED = 691 SF  
 TOTAL VENTILATION REQUIRED = 322 Sq in  
 HIGH / LOW = 166 Sq in  
 HIGH = 10 LF = 180 Sq in  
 LOW = 3 VENTS = 180 Sq in

**CORE:**  
 AREA TO BE VENTED = 862 SF  
 TOTAL VENTILATION REQUIRED = 396 Sq in  
 HIGH / LOW = 198 Sq in  
 HIGH = 11 LF = 198 Sq in  
 LOW = 4 VENTS = 240 Sq in

- GENERAL NOTES FOR THIS SHEET**
- SEE GENERAL ROOF PLAN NOTES ON G-002.
  - (DS) INDICATES DOWNSPOUT LOCATIONS.
  - (SG) INDICATES SPLASH GUARD LOCATIONS.
  - (KO) INDICATES KICK-OUT FLASHING LOCATIONS.
  - ALL ROOFS ARE ASPHALT SHINGLES, UNO.
  - ALL ROOFS: COORDINATE ROOF PENETRATIONS WITH MECHANICAL, PLUMBING AND ELECTRICAL CONTRACTORS.
  - PROVIDE CLOSED CUT VALLEY INSTALLATION AT ALL ROOF VALLEYS.
  - HIGH RIDGE VENT TO BE COBRA SNOW COUNTRY EXHAUST VENT FOR ROOF RIDGE. NFA = 18 Sq in / Lin FT OR EQUAL AS APPROVED BY PROFESSIONAL.
  - LOW ATTIC VENT TO BE MASTER FLOW ROOF LOUVER SSB960G. NFA = 60 Sq in OR EQUAL AS APPROVED BY PROFESSIONAL.

- NUMBERED NOTES FOR THIS SHEET**
- NEW ASPHALT SHINGLE ROOFING SYSTEM ON #15 ROOF FELT.
  - NEW ALUMINUM GUTTERS AND DOWNSPOUTS.
  - PRESUMED DIRECTION OF ROOF SLOPE.
  - DORMER.
  - WALL / ROOF FLASHING.
  - NEW PLUMBING VENT STACK. SEE PLUMBING DRAWINGS.
  - NEW 1.5" STANDING SEAM METAL ROOF SYSTEM WITH CONCEALED FASTER SYSTEM ON #15 ROOF FELT ON ICE AND WATER SHIELD (UNDER ENTIRE METAL ROOF) ON 5/8" ROOF SHEATHING.
  - SEAM MOUNT SNOW GUARDS. TYP.
  - NEW PVC SHINGLE SIDING AND PVC TRIM.



|                                                                                                                                                                           |                                                                                                                                                      |                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| RECORD REVISIONS                                                                                                                                                          |                                                                                                                                                      |                                                                                                                          |
| 6/27/23<br>PROFESSIONAL'S SIGNATURE DATE                                                                                                                                  |                                                                                                                                                      |                                                                                                                          |
| <b>UpStreet ARCHITECTS, INC.</b><br>541 PHILADELPHIA ST. INDIANA, PA 15701    911 MENOHER BLVD. JOHNSTOWN, PA 15905                                                       |                                                                                                                                                      |                                                                                                                          |
| <b>COMMONWEALTH OF PENNSYLVANIA</b><br><b>DEPARTMENT OF GENERAL SERVICES</b><br>HARRISBURG, PENNSYLVANIA                                                                  |                                                                                                                                                      |                                                                                                                          |
| D.G.S. PROJECT No. C-0588-0015 PHASE 1                                                                                                                                    |                                                                                                                                                      |                                                                                                                          |
| LOYSVILLE YOUTH DEVELOPMENT CENTER-<br>RENOVATIONS TO ZIMMERMAN-<br>BINGAMAN (ZB) COTTAGE<br>DEPARTMENT OF HUMAN SERVICES<br>LOYSVILLE, TYRONE TOWNSHIP, PERRY COUNTY, PA |                                                                                                                                                      |                                                                                                                          |
| <b>ROOF PLAN</b>                                                                                                                                                          |                                                                                                                                                      |                                                                                                                          |
| <b>VERIFY SCALE</b><br>BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING:<br>0 1<br>IF BAR IS NOT ONE (1) INCH LONG, ADJUST SCALE ACCORDINGLY                                  | CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. VARIANCE FROM CONTRACT DOCUMENTS NOT PERMITTED WITHOUT PROFESSIONAL & BUREAU OF CONSTRUCTION APPROVAL. | DRAWN BY<br><b>B. GAGAN</b><br>CHECKED BY<br><b>J. RIFFER</b><br>DATE<br><b>27 JUNE 2023</b><br>SCALE<br><b>AS NOTED</b> |
|                                                                                                                                                                           |                                                                                                                                                      | SHEET No.<br><b>A-401</b>                                                                                                |

11/20/21 Project: Youth Development Center, 518008, Bldg: 210008, Bld: Drawing: A-401, Rev: 210008.dwg, 6/27/2023, 5:19 PM