

LOCATION: 2 GARNER LANE, BAY SHORE NY

THE GOAL OF THIS PROJECT IS TO DESIGN A MODERN, INNOVATIVE, SITE-SPECIFIC PROJECT FEATURING A CLEAR CONCEPT, A GREEN ROOF WITH A SPECIFIED FUNCTION, AND INCORPORATING A MINIMUM OF THREE OTHER SUSTAINABLE BUILDING OR SITE FEATURES. THE PUBLIC LIBRARY WILL INCLUDE AN AREA FOR CHILDREN, TEENS AND ADULTS. AS WELL AS A COMMUNITY ROOM THAT WILL BE ABLE TO SEAT 150 PEOPLE. A 2,500-SQUARE-FOOT CAFE WITH A DRIVE-THRU WILL BE LOCATED ON THE SITE



ADJ. ADJACENT	REF. REFERENCE
BM. BEAM	REINF. REINFORCED
CONC. CONCRETE	REQ'D. REQUIRED
CEM. CEMENT	R.D. ROOF DRAIN
C.L. CENTER LINE	RM. ROOM
CL. CLOSET	SECT. SECTION
CLG. CEILING	S.F. SQUARE FEET
COL. COLUMN	SHTG. SHEATHING
CONT. CONTINUOUS	SQ. SQUARE
DIM. DIMENSION	STL. STEEL
EXIST. EXISTING	STRUCT. STRUCTURE
EXT. EXTERIOR	THRESH. THRESHOLD
FDN. FOUNDATION	TYP. TYPICAL
FT. FOOT OR FEET	SAN. SANITARY
HORIZ. HORIZONTAL	TOB. TOP OF BEAM
H. HEIGHT	TOC. TOP OF CURB OR
IN. INCHES	TOP OF CONCRETE
INCL. INCLUDE	TOF. TOP OF FOOTING
INSUL. INSULATION	TOJ. TOP OF JOIST
INT. INTERIOR	TOM. TOP OF MASONRY
L. LENGTH	TOW. TOP OF WALL
MIN. MINIMUM	VERT. VERTICAL
N.T.S NOT TO SCALE	W. WIDE
O.C. ON CENTER	WD. WOOD
PLYWD. PLYWOOD	W.P WATERPROOF

ZONING: BUSINESS DISTRICT 1

PERMITTED USE: LIBRARY

LOT AREA: 4.8 ACRE (209,088 S.F)

LOT AREA UNDER WATER: 1.07 ACRE (46,741 S.F)

ADJUSTED LOT AREA: 3.73 ACRE (209,088 S.F)

TOTAL ALLOWABLE BUILDING AREA: 83,635.25 S.F

G 001 COVER SHEET
G 002 GENERAL NOTES
A 101 FOUNDATION PLAN
A 102 FIRST FLOOR PLAN
A 103 SECOND FLOOR PLAN
A 104 CAFE FLOOR PLAN
A 105 ROOF PLAN
A 201 BUILDING SECTIONS
A 301 ELEVATIONS
A 302 CAFE ELEVATIONS
A 501 BUILDING DETAILS

**PROPOSED
BAY SHORE LIBRARY**

**NOT FOR
CONSTRUCTION**

COVER SHEET

ARCHITECTURAL DESIGN V

FARMINGDALE STATE COLLEGE

REVISIONS

[illegible]

DRAWN: CHRISTOPHER VIZCARRA

DATE: 08/03/2025

SCALE:

CHECKED: P. LOPICCOLO

G 001

GENERAL NOTES:

THE FOLLOWING NOTES SHALL APPLY THROUGHOUT.
EXCEPTIONS ARE SPECIFICALLY NOTED ON EACH DRAWING

1. PROJECT OVERVIEW:THIS PROJECT IS UNDER PRELIMINARY REVIEW AND HAS BEEN MARKED "NOT FOR CONSTRUCTION." ALL DESIGNS, DIMENSIONS, AND SPECIFICATIONS SHOWN ON THESE DOCUMENTS ARE SUBJECT TO FURTHER REVISION AND APPROVAL.

2. ZONING AND LAND USE COMPLIANCE: THE PROJECT WILL ADHERE TO THE TOWN OF ISLIP BUILDING ZONE ORDINANCE. ALL PROPOSED USES, SITE IMPROVEMENTS, AND BUILDING MODIFICATIONS WILL BE EVALUATED FOR COMPLIANCE WITH LOCAL ZONING REGULATIONS. ANY NECESSARY VARIANCES OR SPECIAL USE PERMITS WILL BE OBTAINED PRIOR TO FINAL APPROVAL.

3. ENVIRONMENTAL COMPLIANCE: COMPLIANCE WITH THE NEW YORK STATE ENVIRONMENTAL QUALITY REVIEW ACT (SEQRA) WILL BE ENSURED. A DETERMINATION OF SIGNIFICANCE WILL BE MADE TO ASSESS POTENTIAL ENVIRONMENTAL IMPACTS, AND APPROPRIATE MEASURES WILL BE TAKEN TO MITIGATE ANY IDENTIFIED ISSUES.

4. SUFFOLK COUNTY MUNICIPAL LAW 239-F REVIEW:AS REQUIRED UNDER SUFFOLK COUNTY MUNICIPAL LAW 239-F, THIS PROJECT WILL BE SUBJECT TO REVIEW BY THE SUFFOLK COUNTY PLANNING COMMISSION DUE TO ITS PROXIMITY TO A COUNTY ROAD (MONTAUK HIGHWAY) AND POTENTIAL IMPACT ON NEIGHBORING MUNICIPALITIES. RECOMMENDATIONS FROM THE COUNTY MUST BE INCORPORATED INTO THE FINAL PROJECT DOCUMENTS.

5. ROAD CLASSIFICATION AND VERIFICATION: MONTAUK HIGHWAY IS VERIFIED AS A COUNTY ROAD, AND ALL SITE PLANS AND TRAFFIC IMPACT STUDIES WILL REFLECT THIS DESIGNATION. COORDINATION WITH SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS WILL BE NECESSARY FOR ANY PROPOSED CURB CUTS, DRAINAGE, OR ROADWAY IMPROVEMENTS.

6. SANITARY, MECHANICAL, AND FACILITY REQUIREMENTS:THE BUILDING WILL INCLUDE PROVISIONS FOR SANITARY FACILITIES, A COMMERCIAL KITCHEN, AND A MECHANICAL ROOM IN COMPLIANCE WITH APPLICABLE TOWN OF ISLIP AND SUFFOLK COUNTY BUILDING CODES. SPECIFIC REQUIREMENTS FOR WATER SUPPLY, DRAINAGE, AND HVAC SYSTEMS WILL BE FINALIZED IN THE CONSTRUCTION PHASE.

7. PARKING AND SITE ACCESSIBILITY: NO ON-SITE PARKING IS PROVIDED. A COMPREHENSIVE STUDY OF THE SITE'S ACCESSIBILITY, INCLUDING ALTERNATIVE PARKING SOLUTIONS, WILL BE COMPLETED TO ENSURE COMPLIANCE WITH BOTH THE AMERICANS WITH DISABILITIES ACT (ADA) AND LOCAL PLANNING REGULATIONS.
8. FLOODPLAIN AND DRAINAGE: A REVIEW OF THE SITE'S LOCATION RELATIVE TO FLOOD ZONES AS DEFINED BY THE FEMA FLOOD INSURANCE RATE MAPS (FIRM) WILL BE CONDUCTED. ADEQUATE DRAINAGE PLANS MUST BE INCORPORATED TO MANAGE STORMWATER RUNOFF IN ACCORDANCE WITH LOCAL AND STATE GUIDELINES.

9. UTILITY COORDINATION: ALL UTILITY CONNECTIONS, INCLUDING WATER, SEWER, GAS, AND ELECTRICITY, WILL BE COORDINATED WITH THE RELEVANT SERVICE PROVIDERS. PLANS FOR UTILITY ROUTING MUST COMPLY WITH LOCAL AND COUNTY REQUIREMENTS.

10. LIMITATIONS OF CURRENT DOCUMENTATION: THIS SET OF DOCUMENTS IS FOR PRELIMINARY REVIEW ONLY AND IS SUBJECT TO FURTHER MODIFICATIONS. ALL DETAILS PROVIDED HEREIN MUST BE VERIFIED BY THE CONTRACTOR, DESIGN TEAM, AND RELEVANT MUNICIPAL AUTHORITIES BEFORE ANY CONSTRUCTION COMMENCES.

11. CHAPTER 11, NEW YORK STATE BUILDING CODE COMPLIANCE: THE PROJECT WILL ADHERE TO THE ACCESSIBILITY REQUIREMENTS OF CHAPTER 11 OF THE NEW YORK STATE BUILDING CODE, WHICH GOVERNS ACCESSIBILITY TO BUILDINGS FOR PEOPLE WITH DISABILITIES. SPECIFIC ATTENTION WILL BE GIVEN TO COMPLIANCE WITH ICC/ANSI A117.1 (2017), WHICH SETS STANDARDS FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES.

12. ACCESSIBLE ROUTES: ALL PEDESTRIAN ROUTES, INCLUDING BUILDING ENTRANCES, PATHS, AND CORRIDORS, WILL COMPLY WITH THE SLOPE, WIDTH, AND SURFACE STANDARDS REQUIRED BY CHAPTER 11 AND ANSI 117.1.

13. ENTRANCES AND EXITS: ENTRANCES AND EXITS WILL BE DESIGNED TO ENSURE COMPLIANCE WITH ACCESSIBILITY STANDARDS, INCLUDING CLEAR WIDTH, MANEUVERING SPACE, AND THRESHOLDS IN ACCORDANCE WITH ANSI A117.1.

14. RESTROOMS AND FACILITIES: ALL SANITARY FACILITIES WILL MEET ACCESSIBILITY REQUIREMENTS, WITH ADEQUATE MANEUVERING SPACE, GRAB BARS, AND APPROPRIATE FIXTURE HEIGHTS AS SPECIFIED IN ANSI A117.1 (2017).

15. PARKING AND ACCESSIBLE SPACES: IF PARKING IS TO BE INCORPORATED, THE REQUIRED NUMBER OF ACCESSIBLE PARKING SPACES WILL BE PROVIDED IN ACCORDANCE WITH CHAPTER 11 AND ANSI STANDARDS, INCLUDING APPROPRIATE SIGNAGE AND PATH ACCESS.
16. COMMUNICATION ELEMENTS: COMPLIANCE WITH VISUAL AND AUDITORY ACCESSIBILITY, SUCH AS SIGNAGE, ALARMS, AND COMMUNICATION SYSTEMS, WILL ALSO BE CONFIRMED IN ACCORDANCE WITH ANSI A117.1.

17. SUFFOLK COUNTY FIRE MARSHAL REVIEW FOR A-3 USE GROUP: THE PROJECT'S PLACE OF ASSEMBLY AND KITCHEN FACILITIES WILL REQUIRE PLAN REVIEW AND APPROVAL BY THE NASSAU COUNTY FIRE MARSHAL DUE TO THE INTENDED USE AS AN A-3 OCCUPANCY GROUP (ASSEMBLY GROUP A-3). THE FIRE MARSHAL'S REVIEW WILL FOCUS ON COMPLIANCE WITH THE NEW YORK STATE FIRE CODE AND SUFFOLK COUNTY FIRE SAFETY REGULATIONS, SPECIFICALLY:

18. OCCUPANT LOAD: CALCULATION OF MAXIMUM OCCUPANT LOAD FOR THE BANQUET HALL AND OTHER ASSEMBLY SPACES.

19. FIRE PROTECTION SYSTEMS: REQUIREMENTS FOR AUTOMATIC SPRINKLER SYSTEMS, FIRE ALARMS, AND KITCHEN HOOD SUPPRESSION SYSTEMS WHERE COOKING EQUIPMENT IS PRESENT.

20. EGRESS REQUIREMENTS: ENSURING SUFFICIENT AND ACCESSIBLE EMERGENCY EXITS, EXIT SIGNAGE, AND CLEAR PATHS OF EGRESS IN COMPLIANCE WITH FIRE SAFETY STANDARDS.

21. FIRE SEPARATION AND CONSTRUCTION TYPE: REVIEW OF FIRE-RATED CONSTRUCTION, INCLUDING WALLS, FLOORS, AND CEILINGS, FOR APPROPRIATE FIRE SEPARATION BETWEEN ASSEMBLY AREAS AND ADJACENT SPACES.

22. FIRE EXTINGUISHING SYSTEMS: EVALUATION OF KITCHEN FIRE SUPPRESSION SYSTEMS, ESPECIALLY FOR COMMERCIAL KITCHENS SERVING THE A-3 USE, TO ENSURE THEY MEET NFPA 96 AND OTHER RELEVANT STANDARDS.

23. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS OF THE SITE AND/ OR BUILDING.

24. COORDINATION OF ALL WORK UNDER THIS CONTRACT SHALL BE MAINTAINED TO ENSURE THE QUALITY AND TIMELY COMPLETION OF THE WORK/ PROJECT.

25. FLOORS IN SPACES WITH MULTIPLE FLOOR DRAINS SHALL BE PITCHED TO THE FLOOR DRAIN.

26. AT TOILET AREAS AND OTHER LOCATIONS WITH ONE DRAIN ONLY, PROVIDE DRAIN $\frac{1}{4}$ " BELOW FINISH FLOOR AND PROVIDE A TWO FEET (2") SWALE IN CONCRETE TO DRAIN. SLAB IN ROOM SHALL NOT PITCH AWAY FROM THE DRAIN.

27. SHALL NOT BE LESS THAN 6" UNLESS OTHERWISE NOTED ON THE DRAWING.

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REVISIONS

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DRAWN: CHRISTOPHER VIZCARRA

DATE: 08/03/2025

SCALE:

CHECKED: P. LOPICCOLO

G 002

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FOUNDATION PLAN

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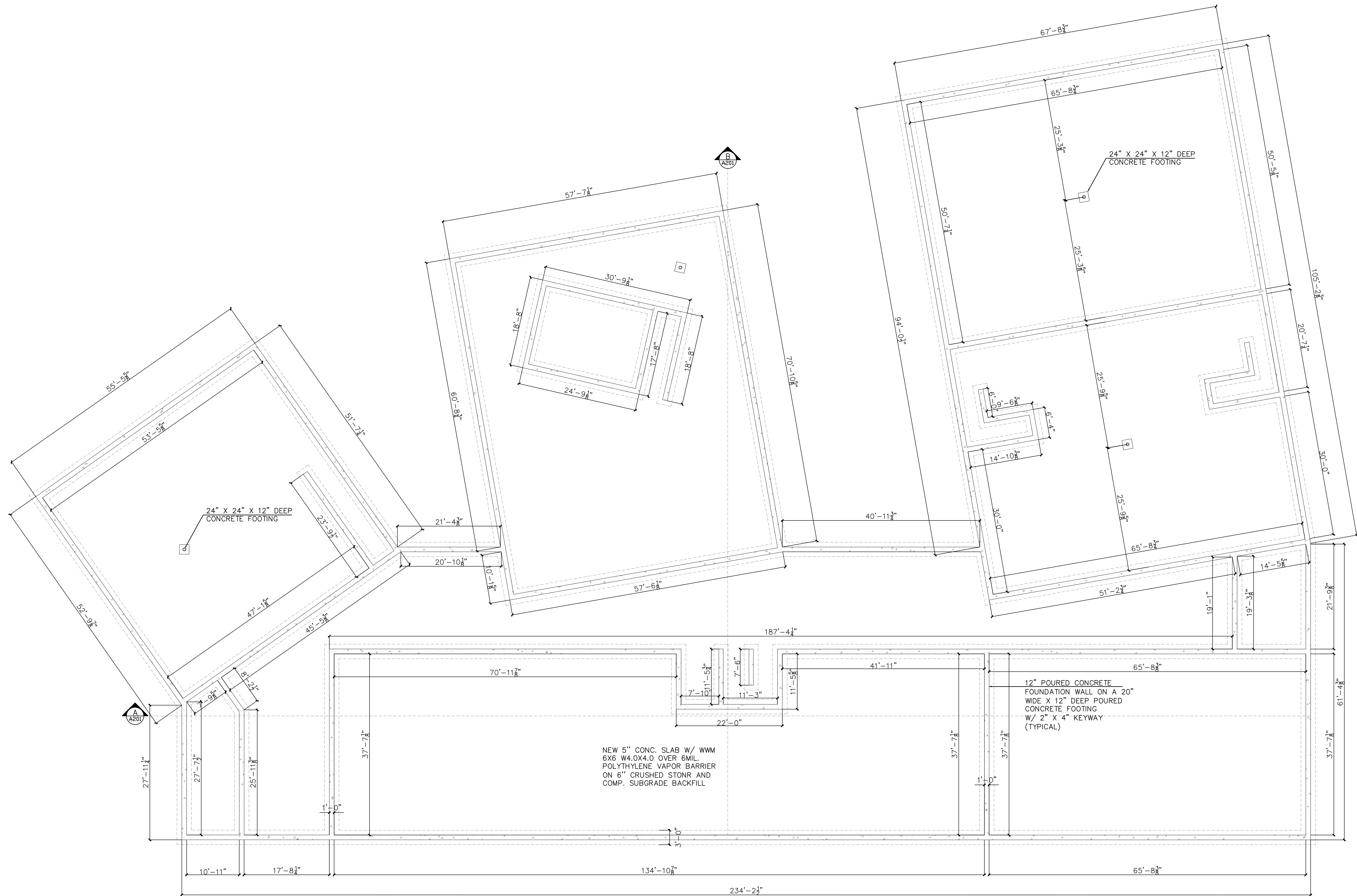
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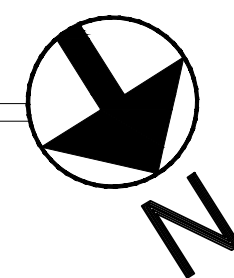
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A 101



FOUNDATION PLAN

SCALE: $3/32'' = 1'-0''$



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FIRST FLOOR PLAN

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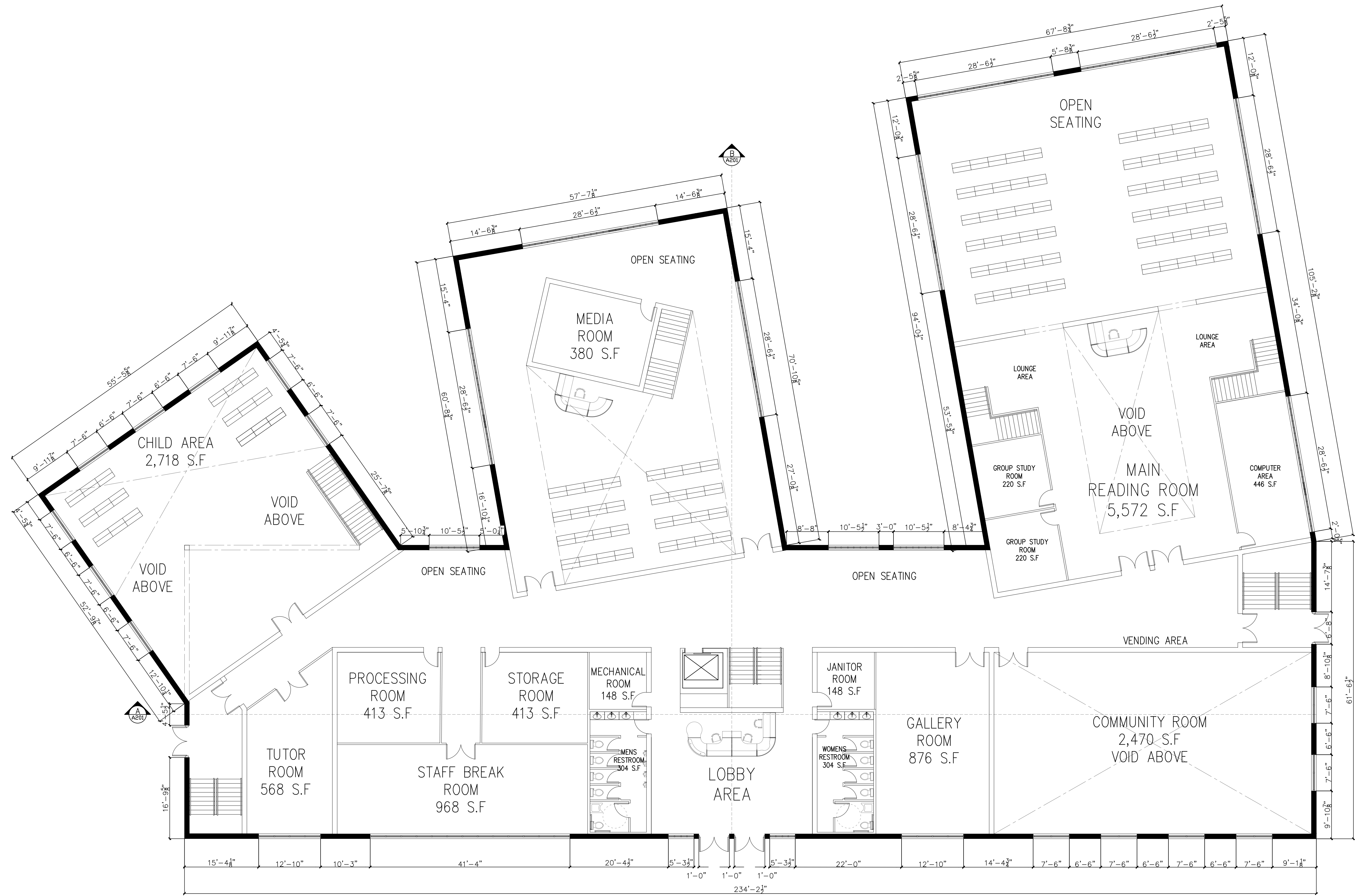
DRAWN: CHRISTOPHER VIZCARRA

DATE: 08/03/2025

SCALE: 3/32" = 1'- 0"

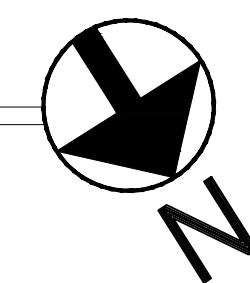
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A 102



FIRST FLOOR PLAN

SCALE: $3/32'' = 1'-0''$



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SECOND FLOOR PLAN

ARCHITECTURAL DESIGN V

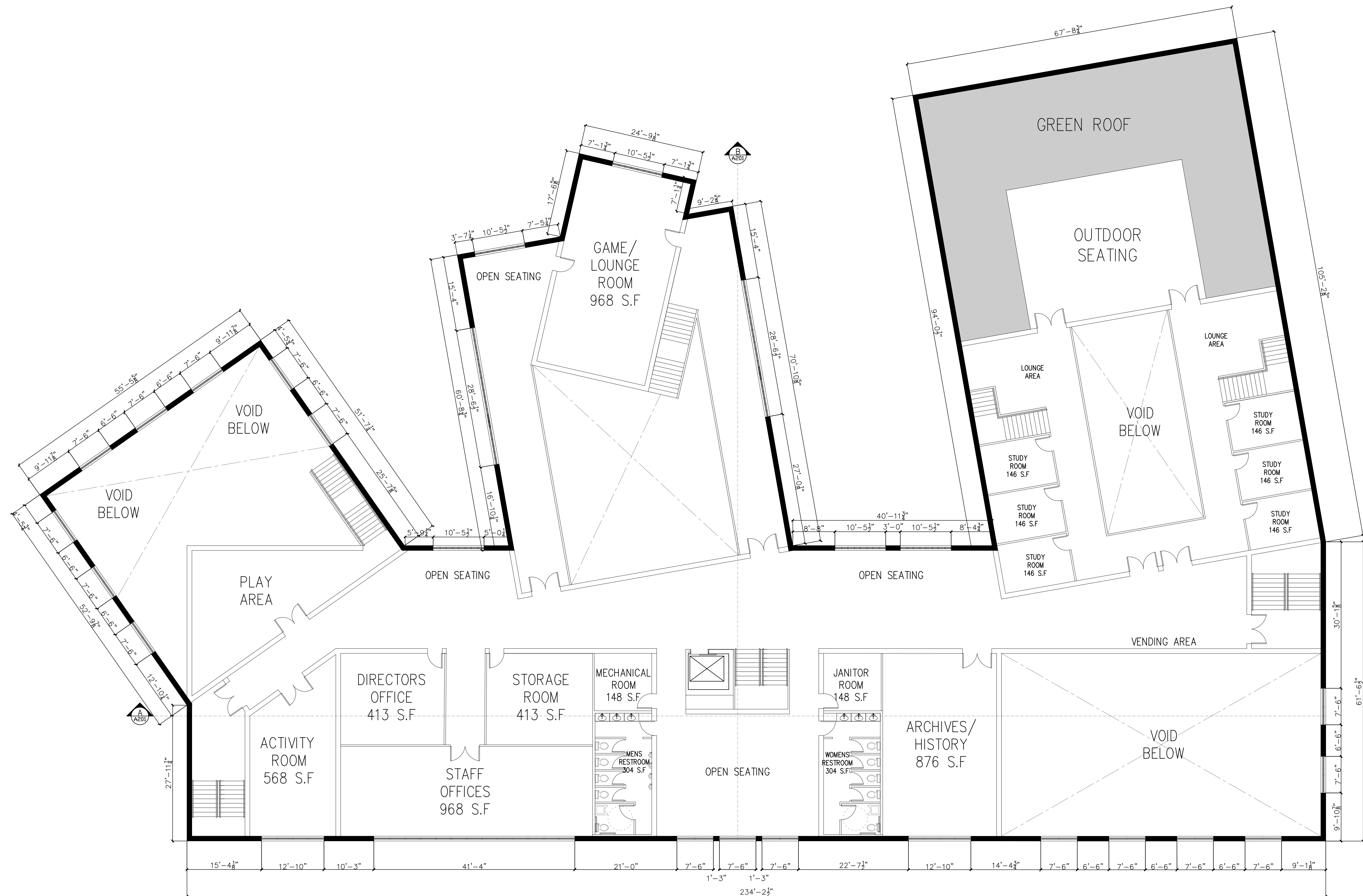
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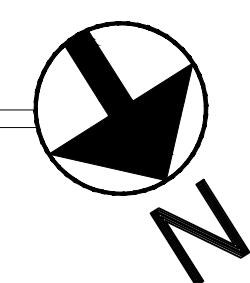
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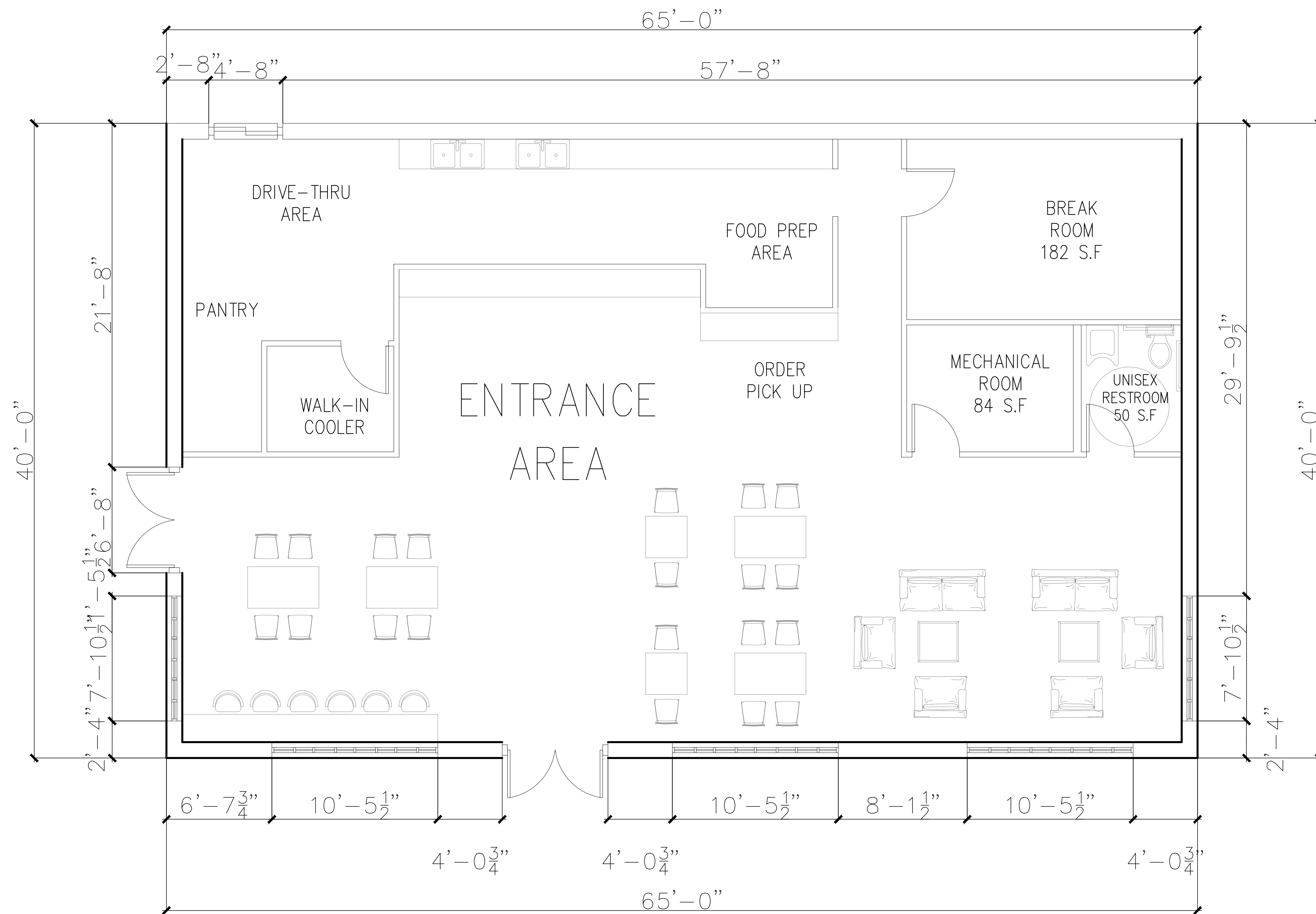
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SECOND FLOOR PLAN

SCALE: $3/32'' = 1'-0''$





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CAFE FLOOR PLAN

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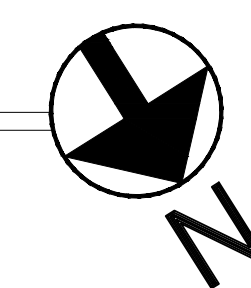
DRAWN: CHRISTOPHER VIZCARRA

DATE: 08/03/2025

SCALE: 1/4" = 1' - 0"

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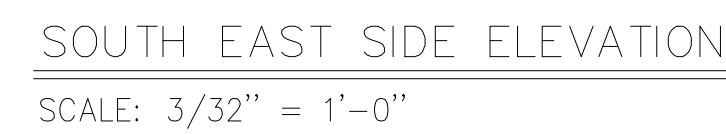
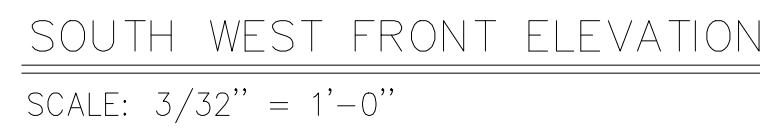
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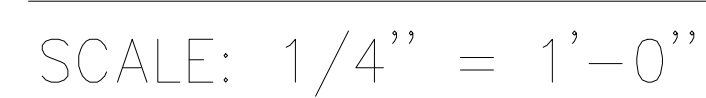
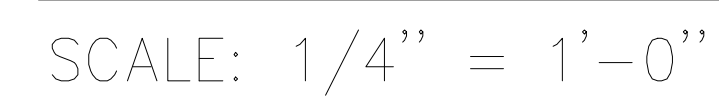
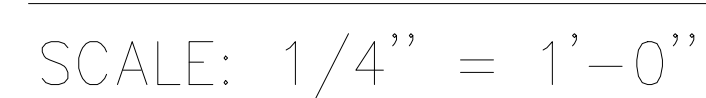
A 105



A 201



A 301



A 302



Architectural section drawing of a roof edge detail. The drawing shows a vertical cross-section of a concrete wall and roof assembly. The wall is constructed of 10" concrete blocks. A bond beam with two #5 bars is continuous through the wall. A joist bearing plate (6 x 12 x 3/8) with two 1/2" x 12" long weld anchor bolts is shown. The roof assembly consists of 3 ply built-up roofing over 3" rigid insulation on 1 1/2" (20 gauge) metal roof decking. The roof decking is welded to an L-shaped metal member at each cell. The L-shaped member is continuous. Reinforcement bars are shown: #5 @ 40" O.C. above the metal deck, welded to the top flange, and #6 @ 48" O.C. beyond the metal deck (see shear wall schedule). The drawing also shows the top of the roof at elevation 24'-0" and the top of the joist seat at elevation +22'-0".

Labels and dimensions:

- TOP OF ROOF ELEVATION 24'-0"
- TOP OF JOIST SEAT ELEVATION +22'-0"
- JOIST BEARING PLATE 6 X 12 X 3/8 W/ (2) 1/2" X 12" LONG WELDE ANCHORBOLTS
- BOND BEAM WITH (2) #5 BARS CONTINUOUS
- 3 PLY BUILT-UP ROOFING OVER 3" RIGID INSULATION ON 1 1/2" (20 GAUGE) METAL ROOF DECKING (TYPICAL)
- WELD DECK TO L AT EACH CELL
- L 3 X 3 X 1/4" CONT.
- #5 @ 40" O.C. ABOVE M.O. WELD TO TOP FLANGE
- #6 @ 48" O.C. BEYOND M.O. (SEE SHEAR WALL SCHEDULE)
- 10" CONCRETE BLOCK

WALL / ROOF SECTION - C

The image contains two technical drawings of a window blind assembly.

Left Drawing (Side Elevation): This diagram shows the internal components of the blind. Callouts 1 through 8 identify various parts: 1 points to the top rail, 2 to the bottom rail, 3 to the bottom rail's internal structure, 4 to the bottom rail's internal structure, 5 to the top rail's internal structure, 6 to the top rail's internal structure, 7 to the top rail's internal structure, and 8 to the bottom rail's internal structure. The top is labeled "TOP" and the bottom is labeled "BOTTOM".

Right Drawing (Perspective View): This diagram shows the blind's dimensions and overall structure. The height is labeled "5'-0\"", and the width is labeled "6'-0\"". Callouts 1 through 6 identify various parts: 1 points to the top rail, 2 to the bottom rail, 3 to the bottom rail's internal structure, 4 to the bottom rail's internal structure, 5 to the top rail's internal structure, and 6 to the top rail's internal structure. The top is labeled "TOP" and the bottom is labeled "BOTTOM".

MIRRORED PANEL SYSTEM - A.C.P

ISOLATION JOINT (TYPICAL)

5" POURED CONCRETE
FLOOR SLAB WITH 6" X 6"
10/10 W.W.F TOP OF SLAB
ELEVATION +0'-2"

3" MINIMUM CONCRETE
PROTECTION FOR COLUMN
AND BASE PLATE

COLUMN BASE PLATE
1/4" LEVELING PLATE

3/4" NON SHRINK
GROUT

(4) 3/4" ANCHOR
BOLTS

COLUMN SECTION - B

FOUNDATION SECTION - A

CORRUGATED PANEL AND SOLAR PANEL JOINT

PROJECT NAME

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BUILDING DETAILS

ARCHITECTURAL DESIGN V

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REVISIONS

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SCALE: 3/4" = 1' - 0"

CHECKED: P. LOPICCOLO

A 401