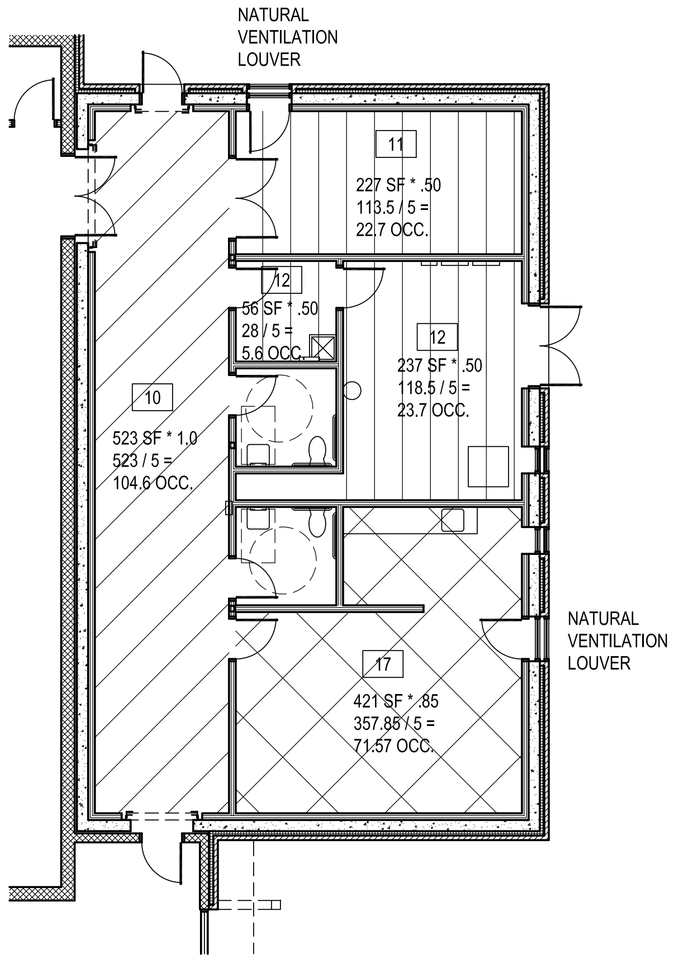
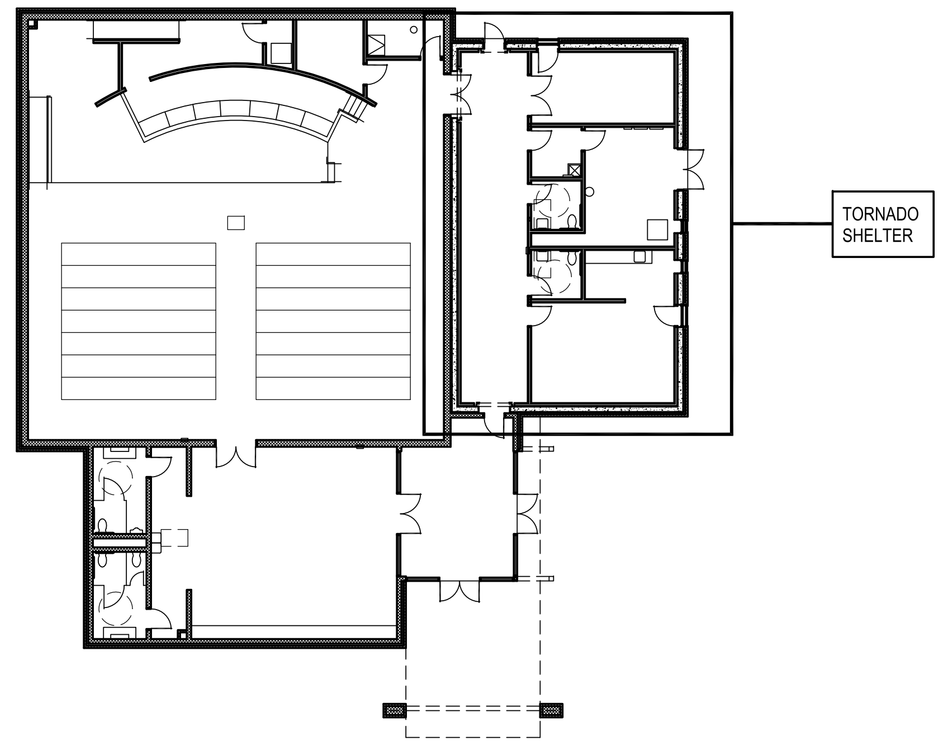


NORTH

1 SHELTER CALCULATION PLAN

1/8" = 1'-0"



NORTH

2 SHELTER LOCATION PLAN

NO SCALE

GENERAL NOTES :

INDICATES AREA USED TO CALCULATE
USABLE SHELTER FLOOR AREA - 100% X 523 S.F. = 523 S.F.

INDICATES AREA USED TO CALCULATE
USABLE SHELTER FLOOR AREA - 85% X 421S.F. = 357.85 S.F.

INDICATES AREA USED TO CALCULATE
USABLE SHELTER FLOOR AREA - 50% X 520 S.F. = 260 S.F.

PLUMBING FIXTURE REQUIREMENTS FOR ICC 500 2014
PLUMBING FIXTURES SHELTER CALCULATIONS :

TOTAL OCCUPANT LOAD = 228

TOTAL REQUIRED:	TOTAL PROVIDED:
WATER CLOSETS = 2	WATER CLOSETS = 2
LAVATORIES = 1	LAVATORIES = 2

TOTAL CALCULATION OF USABLE FLOOR AREA (ADJUSTED TO INCL. H.C.) = 1,140.85 S.F. / 5 = 226.17 OCCUPANTS + 2 H.C. = 228.17 TOTAL OCCUPANTS

Tornado Storm Shelter Construction:

A. Storm shelter has been designed and engineered to meet all applicable codes and standards including the following:
   1. ICC 500-2014 (International Code Council), ICC / NSSA Standard for the Design and Construction of Storm Shelters, American National Standard.

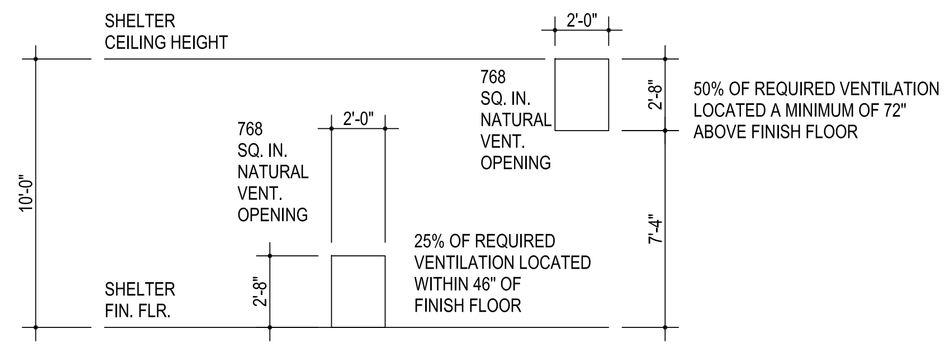
B. All construction shall comply with the above standards and guidelines including ICC-500 Section 107.2.1:
   1. Tornado - Community
   2. Re: Structural
   3. Re: Structural
   4. Re: Structural
   5. Re: Structural
   6. Re: Structural
   7. Re: Structural
   8. The storm shelter is not located within an area susceptible to flooding.
   9. Not applicable
   10. components meet pressure & missile impact test requirements. ** refer specifications, structural drawings & mechanical drawings
   11. Re: sheet G101
   12. Re: Sheet A301
   13. Finish floor elevation - Re: Sheet C300
   14. occupant load of shelter = 226 + 2 handicap
   15. useable shelter floor area = 1,140.85 s.f.
   16. Re: mechanical drawings
   17. Re: sheet G101
   18. Re: Structural
   19. Not applicable
   20. Not applicable
   21. Not applicable
   22. Not applicable

C. First aid kit shall be provided by owner & stored in the shelter & accessible by occupants

PROVIDE ONE (1) SIGN WITH THE NAME OF THE MANUFACTURER OR CONTRACTOR OF THE SHELTER AND THE STORM TYPE AND RESPECTIVE DESIGN WIND SPEED. THE SIGN SHALL REMAIN LEGIBLE AND VISIBLE - LOCATE AS PER ARCHITECT'S INSTRUCTIONS



SAMPLE OMNI CONSTRUCTION LLC



702.1.1 NATURAL VENTILATION REQUIRMENTS :

228 OCCUPANTS X 6 SQ INCHES = 1,368 SQ INCHES OF VENTILATION OPENINGS REQUIRED

1,536 SQ INCHES OF VENTILATION OPENINGS PROVIDED

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FLAT LAND
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SALAS O'BRIEN
MECHANICAL / ELECTRICAL

STATE OF OKLAHOMA
MICHAEL L. ABLA
2639
REGISTERED ARCHITECT
8/20/26

CG
drawn by

MA
checked by

JULY 2026
date

revisions

MOORE PUBLIC SCHOOLS

ASC BOARDROOM
STORM SHELTER
BUILDING

sheet no:

G101

LIFE SAFETY PLAN

OWNERSHIP USE OF DOCUMENTS:

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