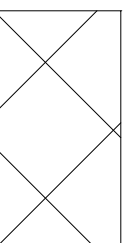
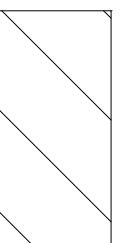
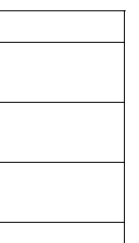


1 SHELTER CALCULATION PLAN
1/8" = 1'-0"

GENERAL NOTES:

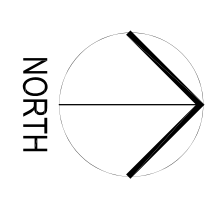
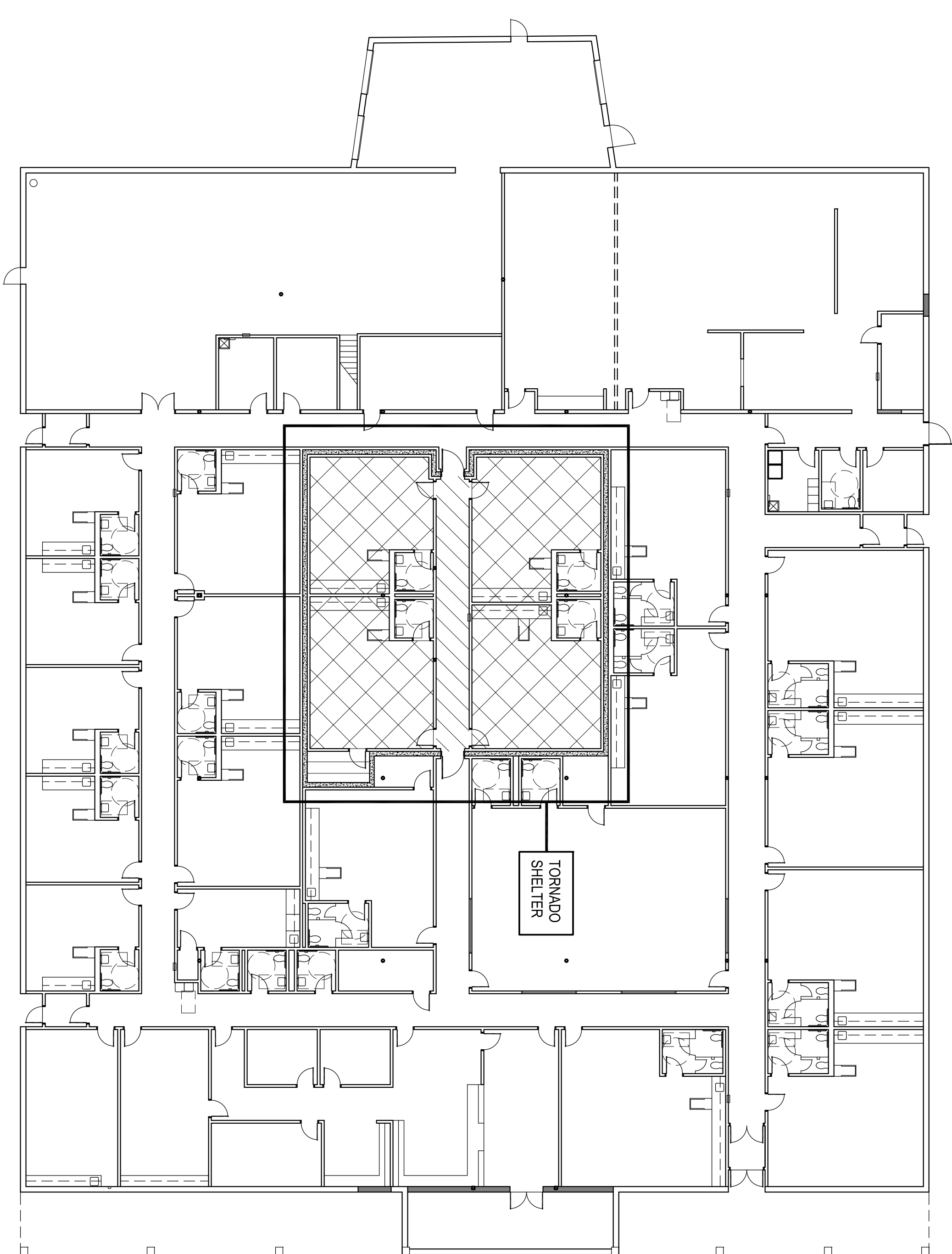
-  INDICATES AREA USED TO CALCULATE USABLE SHELTER FLOOR AREA - 65% X 2,122 S.F. = 1,379.3 S.F.
-  INDICATES AREA USED TO CALCULATE USABLE SHELTER FLOOR AREA - 100% X 297 S.F. = 297 S.F.
-  INDICATES AREA USED TO CALCULATE USABLE SHELTER FLOOR AREA - 50% X 67 S.F. = 33.5 S.F.

TOTAL CALCULATION OF USABLE FLOOR AREA (ADJUSTED TO INCL. H.C.) = 1,709.5 S.F. / 5 = 339 OCCUPANTS + 2 H.C. = 341 TOTAL OCCUPANTS

PLUMBING FIXTURE REQUIREMENTS FOR ICC 500 2014 ARE EXCEEDED BY
IBC 2009 PLUMBING FIXTURE REQUIREMENTS

PLUMBING FIXTURES SHELTER CALCULATIONS:

- TOTAL OCCUPANT LOAD = 341
- TOTAL REQUIRED: WATER CLOSETS = 2 LAVATORIES = 2
- TOTAL PROVIDED: WATER CLOSETS = 4 LAVATORIES = 4

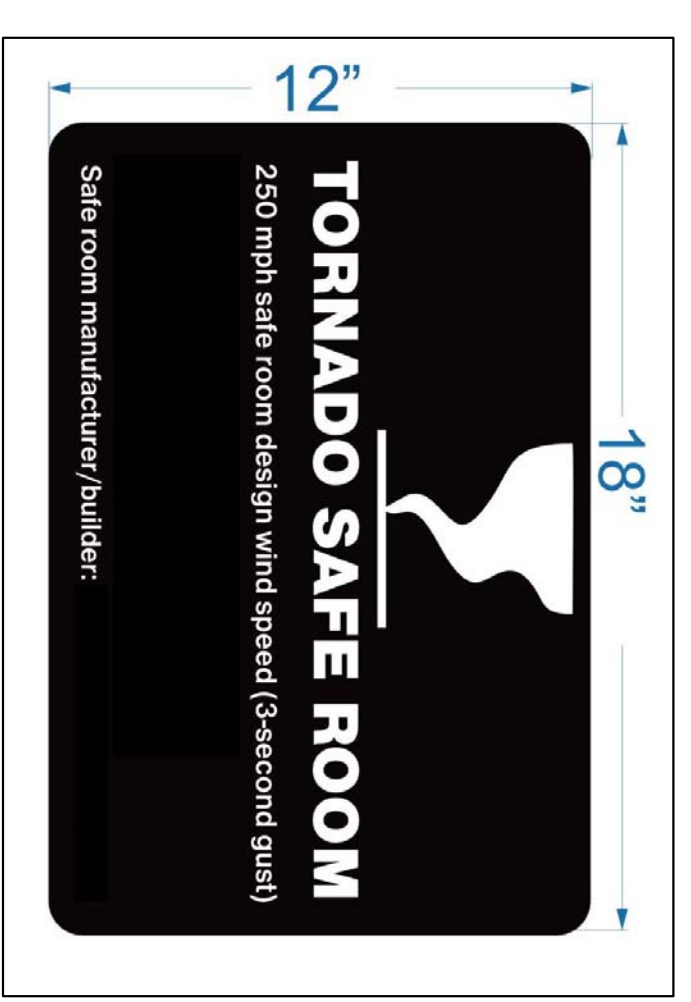


2 SHELTER LOCATION PLAN
NO SCALE

Tornado Storm Shelter Construction:
Storm shelter has been designed and engineered to meet all applicable codes and standards including the following:

- A. 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.
 - 11. **refer specifications, structural drawings & mechanical drawings
 - 12. Re: Sheet G101
 - 13. Re: Sheet A301
 - 14. Finish floor elevation - Re: Sheet C300
 - 15. occupant load of shelter = 339 + 2 handicap
 - 16. useable shelter floor area = 1,709.5 s.f.
 - 17. Re: mechanical drawings
 - 18. Re: sheet G101
 - 19. Re: Structural
 - 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 ARCHITECTS INSTRUCTIONS.



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CIVIL
KFC ENGINEERING
STRUCTURAL
SALAS OBIEN
MECHANICAL / ELECTRICAL

CG
drawn by
MA
checked by
OCTOBER 2024
date

MOORE
PUBLIC SCHOOLS

CHILD CARE FACILITY
201 N. EASTERN AVE.

Sheet No.:
G101

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