

# AGGREGATE SHELTERS



# PRODUCT DESCRIPTION

- ALL SHELTERS ARE CUSTOM BUILT ACCORDING TO CUSTOMER SPECIFICATIONS AND REQUIREMENTS.
- CUSTOMERS CAN SPECIFY VIRTUALLY ANY DIMENSION – FROM 6'X6' TO 6000 SQUARE FEET. SHELTERS ALSO PROVIDES STACKABLE, LIGHTWEIGHT AND SITE BUILDINGS.
- A/C AND D/C ELECTRICAL, MECHANICAL SYSTEMS, FIRE SUPPRESSION, UPS AND GENERATORS ARE AVAILABLE, AND CAN BE FACTORY INSTALLED.
- A WIDE VARIETY OF EXTERIOR FINISHES ARE AVAILABLE.
- ALL SHELTERS CAN BE DESIGNED FOR FUTURE EXPANSION.
- FLOOR & ROOF ARE PRECAST CONCRETE WAFFLES, 7" THICK
- STANDARD WALLS ARE A COMBINATION OF GLASS FIBER REINFORCED CONCRETE AND A 2"X3" TUBULAR STEEL FRAME. TOTAL THICKNESS IS 6". VENEER WALL IS NON LOAD BEARING.
- LIFTING IMPLANTS ARE CAST INTO THE FLOOR AND DOUBLE AS ANCHOR POINTS.



# STANDARD SPECIFICATIONS



- **FLOOR:** 7" THICK, 5000 PSI CONCRETE WAFFLE, 85# WW, #6 REBAR, 200 PSF LIVE LOAD, 500 PSF CONCENTRATED LIVE LOAD, LIFTING IMPLANTS CAST INTO PLACE.
- **ROOF:** 7" THICK, 5000 PSI CONCRETE, POSITIVE DRAINAGE – 1/8" PER FT., 100 PSF LIVE LOAD, 3" OVERHANG W/ DRIP EDGE.
- **WALLS:** 6" THICK, 150 MPH WIND LOAD, BULLET RESISTANT AT 15 FT. PER UL-752, 2-HOUR FIRE RATING, GFRC AND 2"x3"x1/8" TUBULAR STEEL FRAME. *NEOPRENE GASKET AND NP-1 CAULK CREATE WATERTIGHT SEAL.*
- SEISMIC ZONE 4 RATING.
- **WARRANTY:** 10 YRS. STRUCTURAL, LEAK-FREE.

# STANDARD SPECIFICATIONS



- **INTERIOR FINISH:**  $\frac{3}{4}$ " CDX-GP PLYWOOD MOUNTED TO THE STEEL FRAME, PLUS CUSTOMER SPECIFIED INTERIOR FINISH.
- **INSULATION:** AVERAGE INSULATION VALUE IS R-16.
- **DRAWINGS:** ENGINEERED DRAWINGS, DRAWING REVIEW APPROVAL AND THIRD PARTY INSPECTION INSIGNIA IF APPLICABLE.
- **MANUALS:** OFFICIAL MANUFACTURER'S MANUALS FOR ALL MAJOR BUILDING ACCESSORIES.
- **TRANSPORTATION, OFFLOAD AND FIELD SERVICES PERFORMED UPON REQUEST.**

# CONSTRUCTION DETAILS



# ELECTRICAL INTEGRATION

