

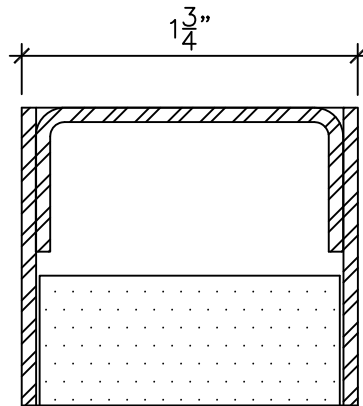
**ELEVATION**  
5/8" = 1'-0"

**APPLICATIONS:**

- ANTI-TERRORISM
- VERY LOW & LOW LEVELS OF PROTECTION
- FOR MEDIUM OR HIGH LEVELS OF PROTECTION, PLEASE CONSULT AMBICO.

**STANDARDS AND ANALYSIS METHOD:**

- UFC 4-010 - 01 - 2018 DOD MINIMUM ANTITERRORISM STANDARDS FOR BUILDINGS
- DOOR DESIGN BASED ON SEMI-EMPIRICAL ANALYTICAL METHODOLOGY DEVELOPED USING ACTUAL TEST RESULTS.



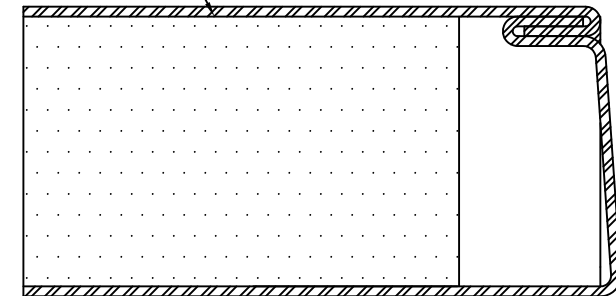
**DETAIL "A"**  
SAME AT BOTTOM  
1'-0" = 1'-0"

TYPICAL BENCHMARKS*				
CHARGE WEIGHT	MINIMUM STANDOFF (ft)			
	3' x 7' SINGLE	3'-6" x 7' SINGLE	4' x 8' SINGLE	6' x 7' ACTIVE/INACTIVE PAIR
CW1	70	85	65	80
CW2	36	40	30	34

**\*NOTE:**

- BLAST RESISTANCE IS A FUNCTION OF MULTIPLE VARIABLES. PLEASE CONSULT AMBICO FOR DETERMINATION OF A SUITABLE BLAST DOOR FOR YOUR APPLICATION.
- MINIMUM STANDOFF DISTANCE VARIES WITH DOOR SIZE. PLEASE CONSULT AMBICO FOR ALTERNATIVE DOOR SIZES.

BLAST RESISTANT  
STRUCTURAL CORE  
-ALL VOIDS FILLED  
WITH INSULATION



**DETAIL "B"**  
7/8" = 1'-0"



DRAWING TITLE:

**TYPICAL BLAST RESISTANT STEEL DOOR FOR UFC APPLICATIONS**

DATE: 2020/01/06

DRAWN BY: ASC

REVISION: 3