GENERAL NOTES:
1. IF THIS SHEET IS NOT SPACED USE GRAPHICAL SCALE ACCORDINGLY.
2. THIS SHEET IS FOR USE WITH EQUIPMENT FROM 100 LBS TO 190 LBS.
3. IF THIS SHEET IS NOT SPACED USE GRAPHICAL SCALE ACCORDINGLY.
4. THIS SHEET IS FOR USE WITH EQUIPMENT LESS THAN 100 LBS.
5. EACH SELF-DRILLING SCREW MUST PENETRATE EXISTING STUD WITH A
MIN. OF THREE THREADS PROTRUDING PAST THE BACK SIDE OF THE
SUPPORTING STEEL.
6. EACH STRUT MUST PENETRATE AT LEAST 1 1/2" INTO STUD.

WOOD STUD WALL:
1. PRE-DRILLED MOUNTING HOLE WITH A 3/16" DIAM., HOLE FOR THRU-BOLT.
2. THRU-BOLTS AND SCREW ANCHORS SHALL NOT DAMAGE EXISTING
MASONRY REINFORCEMENT.

CONCRETE WALL:
1. THRU-BOLTING REQUIRED UNLESS MASONRY PROVEN TO BE
UNCRACKED UNDER SURFACE LOAD.
2. POST-INSTALLED ANCHORS SHALL NOT DAMAGE EXISTING
MASONRY CONDITION.

MASONRY WALL:
1. MIN. REQUIRED WALL THICKNESS IS 4".
2. MIN. REQUIRED THRU-BOLT SPACING IS 2.5".
3. MIN. REQUIRED EMBEDMENT DEPTH IS 2".
4. MIN. REQUIRED EMBEDMENT Depth IS 3/4".

CONCRETE STUD WALL:
1. MIN. REQUIRED SPACING BETWEEN SCREW ANCHORS IS 4".
2. MIN. REQUIRED EMBEDMENT FOR SCREW ANCHORS IS 1 5/8".
3. MIN. REQUIRED SCREW PENETRATION INTO STUD IS 1 1/2".

ENGINEERING STANDARDS:
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NOTES FOR EOR:
1. ALL WALL TYPES
   1. MIN. REQUIRED HEX BOLT SIZE IS 1/4". LARGER DIAMETERS ARE
   PERMISSIBLE TO ACCOUNT FOR LARGER MOUNTING HOLE DIAMETER.
   2. EMBEDMENT DEPTHS, FASTENER DIAMETERS, AND NUMBER OF
   FASTENERS ARE MINIMUMS AND MAY BE INCREASED.
   3. POST-INSTALLED ANCHOR IN UNCRACKED MASONRY CONDITION.
   4. MASONRY REINFORCEMENT.
   5. MIN. REQUIRED THRU-BOLT SPACING BETWEEN ANCHOR IS 4".
   6. MIN. REQUIRED WALL THICKNESS IS 4".

THRU-BOLTING REQUIRED UNLESS MASONRY IS PROVEN TO BE
UNCRACKED UNDER SURFACE LOAD
THRU-BOLTS AND SCREW ANCHORS SHALL NOT DAMAGE EXISTING
MASONRY REINFORCEMENT.