ANSWERING THE APPLICATION IN WHICH THE ANCHOR(S) ARE USED AND THE STRUCTURE TO
NOTE - CUSTOMER IS RESPONSIBLE FOR THE FOLLOWING:
2.
PROPERTIES HAVE NOT BEEN REVIEWED. EQUIPMENT IS ANALYZED FOR STATED LOADS ONLY. INTENDED
EXISTING OR PROPOSED BUILDING.  EXISTING OR PROPOSED BUILDING CONFIGURATION AND
DESIGN SHOWN ON THESE PLANS AND IN NO WAY REPRESENTS ENGINEERING ASSOCIATED WITH THE
ENGINEERING/ANALYSIS PROVIDED UNDER THIS STAMP AND SEAL BY DHC, IS ONLY FOR EQUIPMENT
MECHANICAL ANCHOR FASTENERS, OR ANY OTHER ELEMENT REQUIRED TO SUPPORT THE
REINFORCING STEEL DETAILING, LOCALIZED STEEL STIFFENERS, STEEL BRACING, ADHESIVE OR
ELEMENTS INCLUDE, BUT ARE NOT LIMITED TO: MAIN STRUCTURAL ELEMENTS WHICH INCLUDES
CONNECTION DETAILS (INCLUDING ANY FIELD WELDS), CONCRETE COMPRESSIVE STRENGTH,
VERTICAL AND HORIZONTAL LOAD CARRYING MEMBERS AND ASSOCIATED CONNECTIONS, FILED
THE STRUCTURE AND FIELD CONNECTION DETAILS MUST BE FULLY DEVELOPED TO RESIST THE
WHICH IT IS ATTACHED WILL SUPPORT THE APPLICABLE LOADS INDICATED ON THIS DRAWING.
THE ADHESIVE OR EPOXY SHALL BE RATED FOR LIVE, DYNAMIC LOADS BY THE FASTENER
MANUFACTURER. A PROFESSIONAL ENGINEER SHALL SPECIFY THE FASTENERS FOR THE
ATTACHMENT OF THE ANCHOR TO THE STRUCTURE IN ACCORDANCE WITH STRENGTH DESIGN,
SUPERVISION OF A PROFESSIONAL ENGINEER WITH EXPERIENCE IN SUSPENDED ACCESS
SERVICE (e.g.: SEE IWCA I-14.1 WINDOW CLEANING SAFETY STANDARD).

SM-1: FORGED PAD EYE, QUENCHED AND TEMPERED. ENTIRE ANCHOR HOT-DIP
GALVANIZED AFTER FABRICATION.

{Ps} HSS TUBE: HEIGHT AND DIAMETER SIZE AS REQUIRED FOR APPLICATION.

SM-FOM: OPTIONAL MOLDED URETHANE INSULATION REDUCES THERMAL TRANSFER AND
CONDENSATION; COMMONLY USED IN GREEN CONSTRUCTION.

SM-DVT-CGE-x-xxxx: GRADE B8 STAINLESS STEEL C.I.P. EMBEDDED DAVIT CAGE ASSEMBLY.

SM-DVT-CGE-FP:
   a) B8 HEAVY HEX NUT
   b) LOCK WASHER
   c) FLAT WASHER

HEAVY HEX HEAD B8

| MODEL | TUBE SIZE | TUBE WALL SIZE | TUBE TO BASE | BASE PLATE | BOLT HEAD | BOLT NUT | BOLT WASHER | BASE PLATE THICKNESS | BOLT HEAD THICKNESS | BOLT HEAD LENGTH | BASE PLATE THICKNESS | BOLT HEAD THICKNESS | BOLT HEAD LENGTH | BASE PLATE THICKNESS | BOLT HEAD THICKNESS | BOLT HEAD LENGTH | BASE PLATE THICKNESS | BOLT HEAD THICKNESS | BOLT HEAD LENGTH | BASE PLATE THICKNESS | BOLT HEAD THICKNESS | BOLT HEAD LENGTH | BASE PLATE THICKNESS | BOLT HEAD THICKNESS | BOLT HEAD LENGTH | BASE PLATE THICKNESS | BOLT HEAD THICKNESS | BOLT HEAD LENGTH | BASE PLATE THICKNESS |
|-------|-----------|----------------|--------------|------------|-----------|----------|-------------|--------------------|--------------------|-----------------|---------------------|--------------------|-----------------|---------------------|--------------------|-----------------|---------------------|--------------------|-----------------|---------------------|--------------------|-----------------|---------------------|--------------------|-----------------|---------------------|--------------------|-----------------|---------------------|--------------------|-----------------|
| SM-1-10-10-50 | 10" | 0.35" | 0.370" x 0.049" | 1" x 10" | 6" | 7 | 8 | 0.062 | 0.062 | 3" | 12" | 14" |
| SM-1-12-10-50 | 12" | 0.35" | 0.370" x 0.049" | 1" x 10" | 6" | 7 | 8 | 0.062 | 0.062 | 3" | 12" | 14" |

MATERIAL DESIGNATION:
- ALL PLATES: ASTM A572 GR 50
- ALL TUBES: ASTM A500 GR C
- WELD WIRE: E70

ANCHOR 3D VIEW

NOTES:
1. ASSURANCE THAT SUMMIT ANCHOR PRODUCTS ARE ATTACHED TO DESIGNED AND
   SERVICES STRUCTURE.
2. WHEN INSTALLED PROPERLY, SUMMIT ANCHOR STANDARD PRODUCTS ARE DESIGNED TO
   SUPPORT LOADS AS FOLLOWS:
   a) 1,250 LB. WORKING LOAD LIMIT (ALLOWABLE LOAD)
   b) 2,500 LB. PROOF LOAD (TEST LOAD WITHOUT PERMANENT DEFORMATION)
   c) 5,000 LB. ULTIMATE LOAD
3. LOADS INDICATED ON THE DRAWINGS MUST BE FULLY DEVELOPED TO RESIST THE
   APPLICABLE LOAD INDICATED ON THIS DRAWING. THE ADDITIONAL LOADS MAY BE APPLIED
   IN ANY DIRECTION.
4. THE ADHESIVE OR EPOXY SHALL BE RATED FOR LIVE, DYNAMIC LOADS BY THE FASTENER
   MANUFACTURER. A PROFESSIONAL ENGINEER SHALL SPECIFY THE FASTENERS FOR THE
   ATTACHMENT OF THE ANCHOR TO THE STRUCTURE IN ACCORDANCE WITH STRENGTH DESIGN,
   SUPERVISION OF A PROFESSIONAL ENGINEER WITH EXPERIENCE IN SUSPENDED ACCESS
   SERVICE (e.g.: SEE IWCA I-14.1 WINDOW CLEANING SAFETY STANDARD).
5. PROVIDING INFORMATION TO THE OWNER, OR THEIR REPRESENTATIVE, VERIFYING THE ANCHOR
   LOADS COMPLIED WITH APPROPRIATE LOCAL, AND NATIONAL CODES, REGULATIONS, AND SAFETY
   STANDARDS FOR THE INTENDED USE.
6. ENSURING THAT THE APPLICATION IN WHICH THE ANCHORS ARE USED AND THE STRUCTURE TO
   WHICH IT IS ATTACHED WILL SUPPORT THE APPLICABLE LOADS INDICATED ON THIS DRAWING.
   THE ADDITIONAL LOADS MAY BE APPLIED IN ANY DIRECTION.
7. WHEN INSTALLED PROPERLY, SUMMIT ANCHOR STANDARD PRODUCTS ARE DESIGNED TO
   SUPPORT LOADS AS FOLLOWS:

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**Diagram and Table:**

The diagram and table provide specific details about the anchor's design and specifications, including dimensions, material designation, and installation requirements. The anchor is designed to be compatible with various structures and applications, ensuring safety and durability in construction projects.