

GENERAL NOTES:

- SUMMIT ANCHOR Co. IS NOT RESPONSIBLE FOR THE SAFETY OF THE PARAPET WALL OR ANY OTHER PART OF THE BUILDING WHEN USED IN CONJUNCTION WITH SUMMIT ANCHOR Co. EQUIPMENT.
- ALL DIMENSIONS ARE APPROXIMATE AND SHALL BE VERIFIED ON SITE.
- THE POINT OF EACH ANCHOR SYMBOL ON THE LOCATION PLAN INDICATES THE ORIENTATION OF THAT ANCHOR'S EYE.

INSPECTION, CERTIFICATION, AND USE OF ANCHORS:

- APPROVED FOR USE UNTIL CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. RECERTIFICATION IS REQUIRED AT PERIODS NOT TO EXCEED 10 YEARS (5 YEARS FOR EQUIPMENT INSTALLED WITH EPOXY OR ADHESIVE FASTENERS) OR WHEN REROOFING THE BUILDING. CERTIFICATION AND RECERTIFICATION OF EQUIPMENT SHALL BE DONE BY A LICENSED PROFESSIONAL ENGINEER. AFTER INITIAL CERTIFICATION SUMMIT ANCHOR Co. EQUIPMENT SHALL BE INSPECTED ANNUALLY BY A QUALIFIED PERSON. A COPY OF THE CERTIFICATION LETTER AND SUBSEQUENT ANNUAL INSPECTION REPORTS SHALL BE KEPT BY BUILDING MANAGEMENT IN THE BUILDING'S MAINTENANCE LOG BOOK.
- ANY SUMMIT ANCHOR Co. EQUIPMENT SUBJECTED TO IMPACT LOADING (FALL ARREST) OR OTHER POSSIBLE STRUCTURAL DAMAGE SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING MANAGER AND REMOVED FROM SERVICE UNTIL THE EQUIPMENT IS INSPECTED BY SUMMIT ANCHOR Co. OR A STRUCTURAL ENGINEER. THIS INSPECTION SHALL BE VERIFIED IN WRITING TO THE BUILDING MANAGEMENT BEFORE SAID EQUIPMENT IS PUT BACK IN SERVICE. DAMAGED EQUIPMENT SHALL BE REPLACED AS SPECIFIED BY SUMMIT ANCHOR Co. OR A STRUCTURAL ENGINEER.

ENGINEER NOTES:

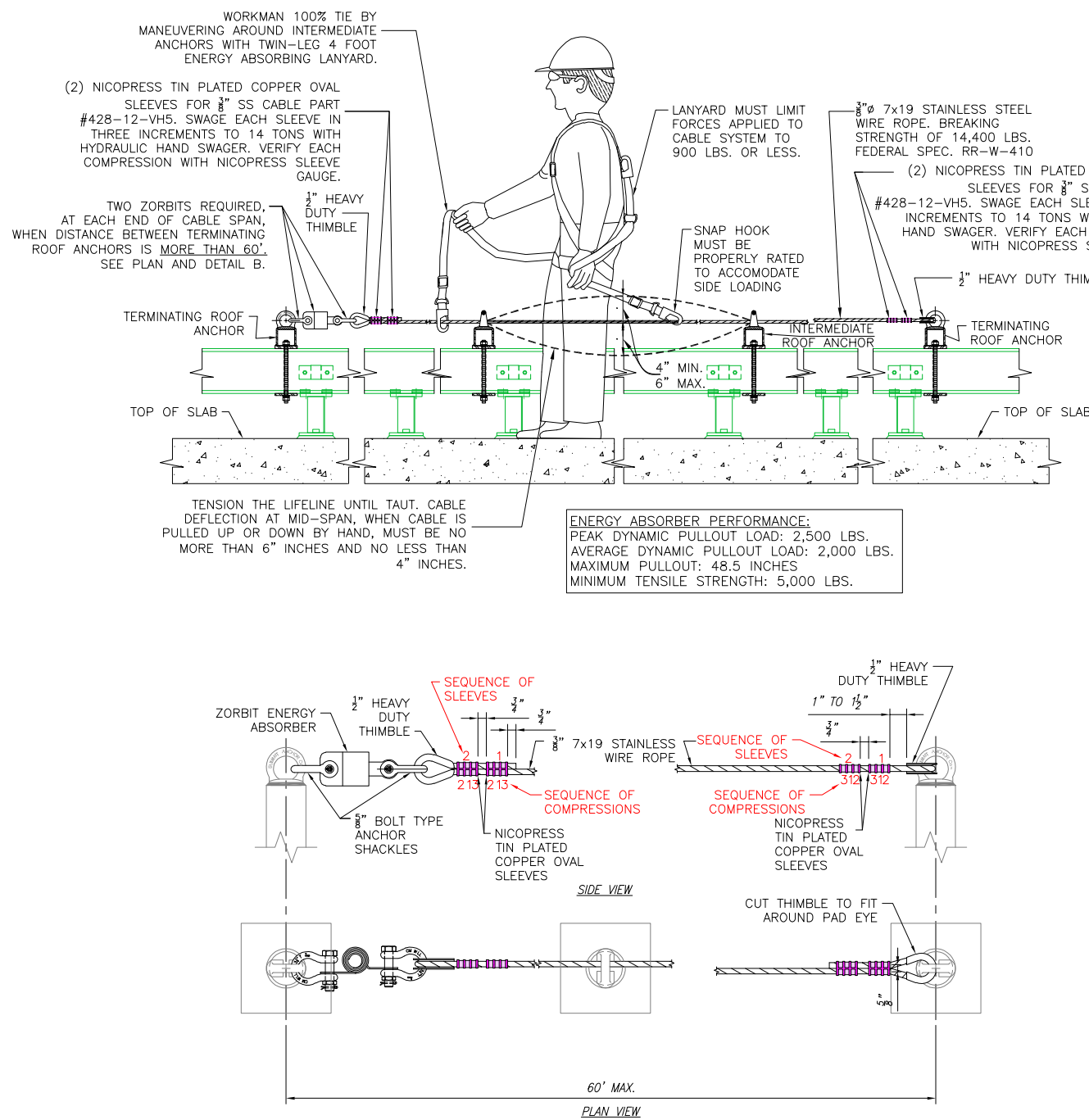
- SUMMIT ANCHOR Co. ANCHORS ARE TESTED NOT TO FRACTURE AT A 5,000 LB. LOAD AND ARE DESIGNED TO SUPPORT A 1,000 LB. MAXIMUM LOAD. EACH INSTALLED SUMMIT ANCHOR Co. ANCHOR SHOWN ON THIS DRAWING WERE TESTED ON SITE, DURING INSTALLATION, TO A MINIMUM 2,500 LB. LOAD.
- THE INSTALLED ANCHORS SHALL BE TESTED UNDER THE SUPERVISION OF A P.E.

MATERIALS:

- HSS SECTIONS ARE ASTM A500 GRADE C (FY=46 KSI)
- FORGED PAD EYES ARE AISI 1030 PER ASTM 576-90-b (FY=72 KSI)
- STEEL STEEL FORGED PAD EYES ARE 304 SS (FY=35 KSI)
- STEEL PLATES ARE A572 GR. 50 (FY=50 KSI) U.N.O.
- STAINLESS STEEL FASTENERS ARE TYPE 304 U.N.O.

IMPORTANT USER NOTES:

- ALL INDIVIDUALS USING SUMMIT ANCHOR Co. EQUIPMENT SHALL BE TRAINED AND COMPETENT IN THE USE OF FALL PROTECTION EQUIPMENT. THE USERS OF THE CABLE SYSTEM ARE RESPONSIBLE FOR ALL RIGGING, SETUP, AND A WORK PLAN WHEN USING THE CABLE SYSTEM.
- SUMMIT ANCHOR Co. EQUIPMENT SHALL BE INSPECTED BY A QUALIFIED PERSON BEFORE EACH USE.
- SUMMIT ANCHOR Co. EQUIPMENT SHALL BE USED IN ACCORDANCE WITH THE FOLLOWING:
 - OSHA 1910, SUBPART D (WALKING AND WORKING SURFACES)
 - OSHA 1910, SUBPART F (POWERED PLATFORMS)
 - OSHA 1910.66 APPENDIX C (PERSONAL FALL ARREST SYSTEMS)
 - OSHA PROCEDURES AND PRECAUTIONS FOR EMPLOYEES USING DESCENT CONTROL EQUIPMENT.
 - ANSI/IFCA I-14.1-2001 (WINDOW CLEANING SAFETY STANDARD)
- WORKERS SHALL BE PROPERLY SECURED TO A SAFETY LINE THAT IS PROPERLY ATTACHED TO A CERTIFIED ANCHOR BEFORE APPROACHING WITHIN SIX FEET OF THE ROOF EDGE UNLESS A MINIMUM 42" PARAPET OR GUARDRAIL IS PROVIDED.
- ALL ROPES MUST BE PROTECTED FROM ABRASION OR WEAKENING RESULTING FROM CONTACT FROM SURFACES.



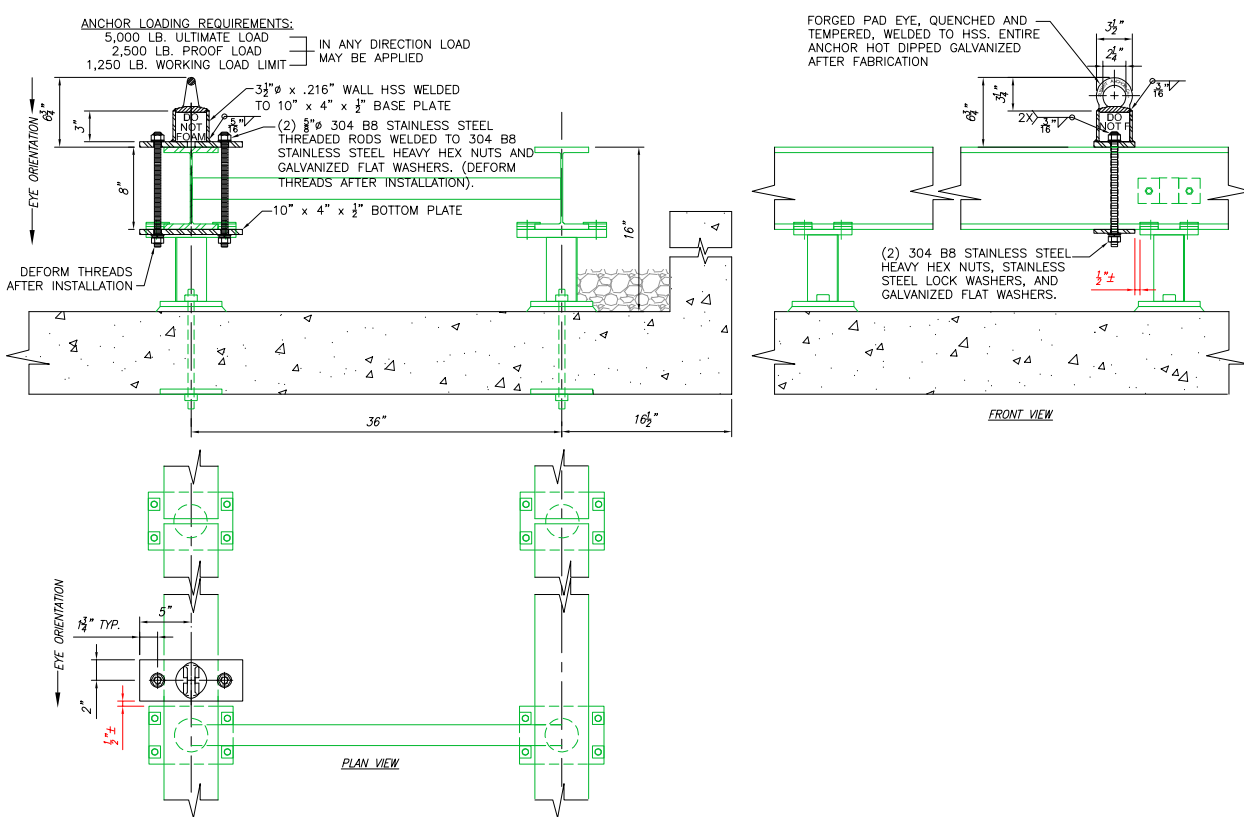
DETAIL B: (14) CABLE SYSTEM WITH ONE ZORBIT ENERGY ABSORBER
SCALE: N.T.S.

LEGEND

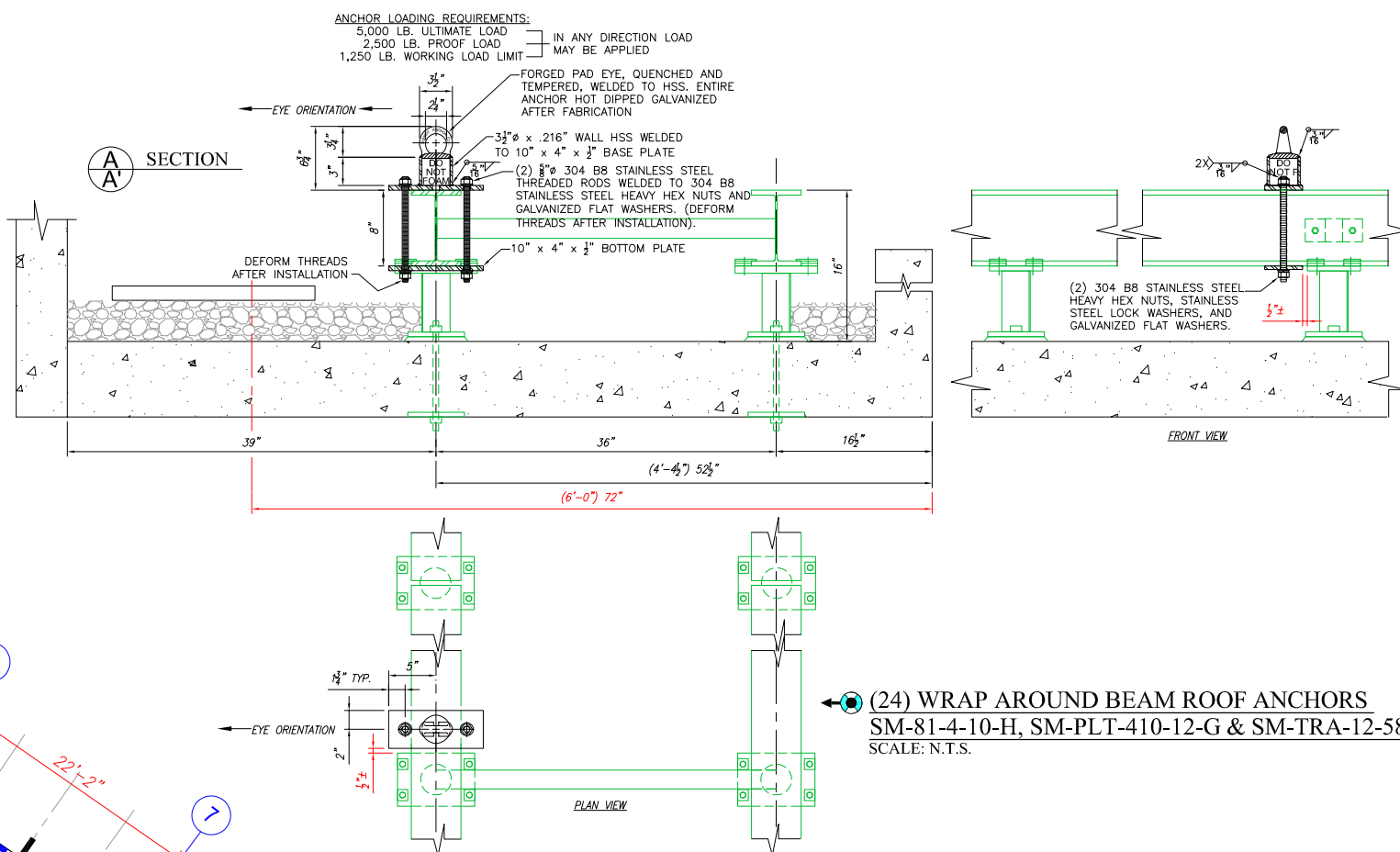
- 24 WRAP AROUND BEAM ROOF ANCHORS
SM-81-4-10-H, SM-PLT-410-12-G & SM-TRA-12-58
- 18 TERMINATING WRAP AROUND BEAM ROOF ANCHORS
SM-81-4-10-V, SM-PLT-410-12-G & SM-TRA-12-58
- 3 FALL RESTRAINT TIE-OFFS FOR APPROACH TO CABLE SYSTEM
- 14 FALL RESTRAINT CABLE SPAN
- 14 ZORBITS
- 56 COMPRESSIONS SLEEVES

HORIZONTAL FALL RESTRAINT ANCHOR
AND CABLE LOCATION PLAN
SCALE: N.T.S.

NOTE: THE ANCHOR LAYOUT AND CABLE SYSTEM IS DESIGNED FOR FALL RESTRAINT. THE SYSTEM IS NOT DESIGNED FOR EXTERIOR WINDOW CLEANING MAINTENANCE OR FACADE MAINTENANCE.



(18) TERMINATING WRAP AROUND BEAM ROOF ANCHORS
SM-81-4-10-V, SM-PLT-410-12-G & SM-TRA-12-58
SCALE: N.T.S.



(24) WRAP AROUND BEAM ROOF ANCHORS
SM-81-4-10-H, SM-PLT-410-12-G & SM-TRA-12-58
SCALE: N.T.S.

PROJECT

PAN AMERICAN HEALTH
ORGANIZATION
525 23RD STREET, NW
WASHINGTON, DC 20037

JOB#: 0178

PREPARED FOR

FUNCTION ENTERPRISES,
INC.
7954 CAMERON BROWN
COURT
SPRINGFIELD, VA 22153
TEL: (703) 569-2422
FAX: (703) 569-9661

BY

Summit Anchor Company
4507 METROPOLITAN CT.
SUITE F
FREDERICK, MD 21704
TEL: 800.372.1098
FAX: 301.620.9819

ENGINEER/CONSULTANT

VANNOY &
ASSOCIATES, LLC.
708 EDELBLUT DRIVE
SILVER SPRING, MD 20901
TEL: 301.593.1003
FAX: 301.593.8541

DATES & REVISIONS

DRAWN BY:	CHECKED BY:
P.A. 06/08/10	G.S. 07/14/10
P.A. 07/27/10	G.S. 07/27/10

DRAWING TITLE

HORIZONTAL FALL
RESTRAINT ANCHOR AND
CABLE LOCATION PLAN

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DAILY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF DISTRICT OF COLUMBIA. LICENSE NO. _____ EXPIRATION DATE: _____

THE ENGINEER'S SEAL SIGNIFIES ONLY THAT THE PRODUCTS PROVIDED BY SUMMIT ANCHOR Co. A. WILL WITHSTAND THE LOADS INDICATED ON THIS DRAWING WHEN ANALYZED BY ACCEPTED ENGINEERING STANDARDS OR B. HAVE BEEN TESTED FOR THE INDICATED LOADS.

DRAWING NUMBER

A-1