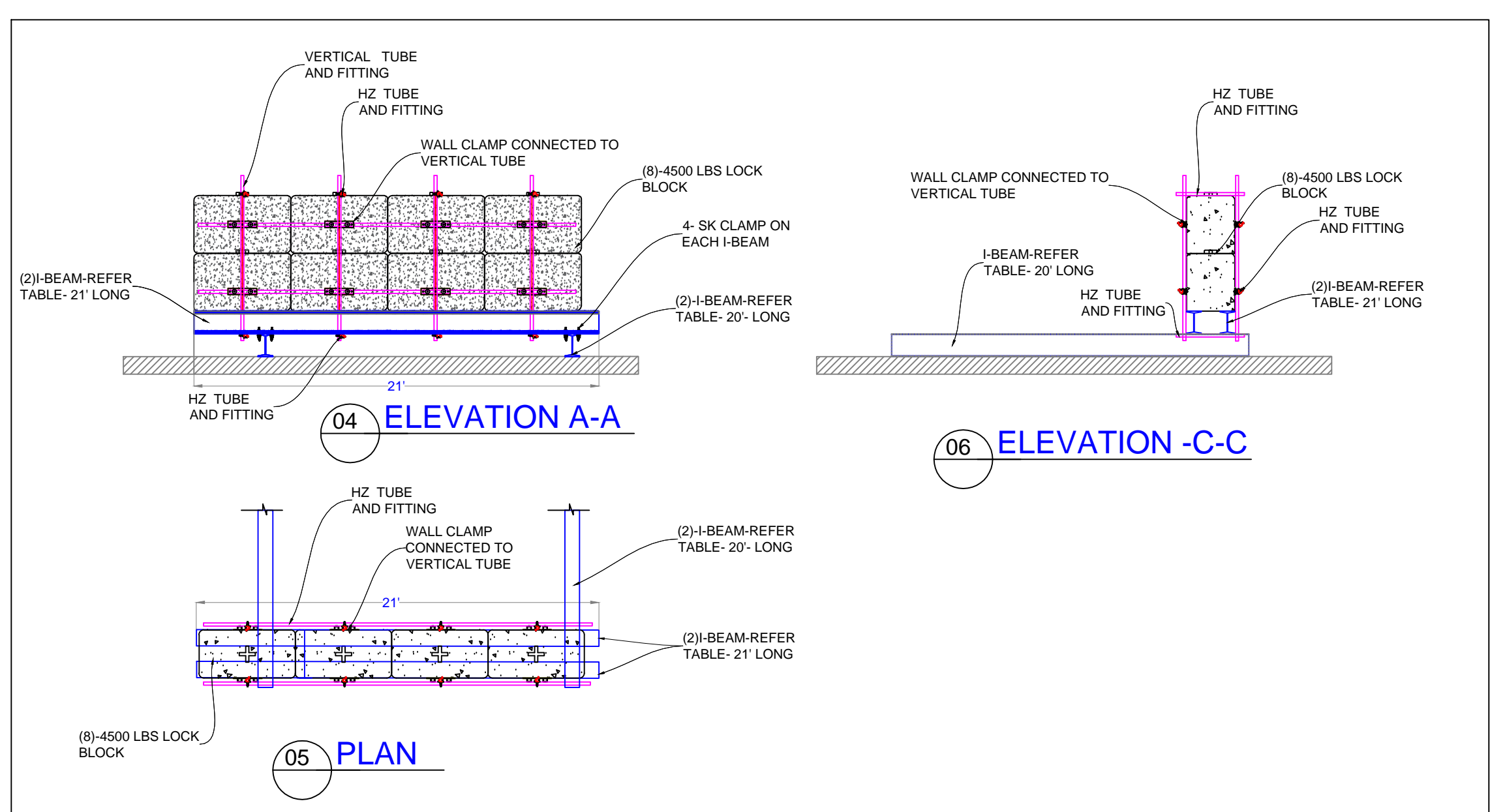


NOTE:

- PRIOR TO LIFTING, THE STAIRCASE TOWER MUST BE INSPECTED & FULLY SECURED AT EVERY JOINT CONNECTION USING SPLICE UNIT AND BOLTING TOGETHER
- ALUMINUM DECK MUST BE SECURELY ATTACHED TO LEDGER DURING LIFTING

STAIR TOWER WEIGHT = 12,000 LBS

| | |
|--------|-----------------------------|
| W BEAM | W16 X 89- 20'/21'- LONG |
| SB1 | 8" DP STRONG BACK- 18' LONG |



SCAFFOLD GENERAL NOTES:

- DESIGN LOADS:
 - WIND LOAD = 1/10 RETURN PERIOD
 - DEAD LOAD = WEIGHT OF SCAFFOLD
 - LATERAL LOAD = 2% OF VERTICAL LOAD
- DESIGN CODES:
 - THE DESIGN OF SCAFFOLD IS IN COMPLIANCE WITH THE FOLLOWING CODES & REGULATIONS:
 - CSA 229-04 '00 CODE OF PRACTICE FOR ACCESS SCAFFOLD
 - CSA S99-1 '07 ACCESS SCAFFOLDING FOR CONSTRUCTION PURPOSES
 - WORKSAFE BC REGULATIONS
 - THE PROFESSIONAL ENGINEER'S SEAL DOES NOT GUARANTEE THE STRUCTURE IS SAFE TO SUPPORT THE LOADS IMPOSED ON IT BY THE SCAFFOLD EQUIPMENT SHOWN HEREIN. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CONFIRM WITH THE ENGINEER OR DESIGNER THAT THE STRUCTURE HAS THE SUFFICIENT CAPACITY TO SUPPORT ALL LOADS.
- SCAFFOLD CONSTRUCTION:
 - THE SCAFFOLD ERECTION SHOULD BE MADE ACCORDING TO THE ERECTION AND DISMANTLE PROCEDURES PROVIDED BY THE MANUFACTURER OR SUPPLIER. THE ERECTION PROCEDURES SHOULD MAKE REFERENCE TO AND USE THE CSA 229-04 WHERE POSSIBLE. THE INFORMATION SHOULD BE AVAILABLE TO THE WORKPLACE FOR REFERENCE.
 - ALL WORKERS CONSTRUCTING THE SCAFFOLD MUST STRICTLY COMPLY WITH WORKSAFE BC REGULATIONS AND FALL PROTECTION REQUIREMENTS AT ALL TIMES.
- SCAFFOLD EQUIPMENT:
 - SYSTEM SCAFFOLDING:
 - VERTICAL STANDARDS SHALL BE CONSTRUCTED FROM STEEL PIPE WITH A MINIMUM OUTSIDE DIAMETER OF 1.30" AND A MINIMUM WALL THICKNESS OF 0.120". F_y = 50 ksi.
 - TUBE AND CLAMP:
 - ALL TUBES SHALL BE ALUMINUM PIPE, 1.31" O.D. SCHEDULE 40 WALL THICKNESS OF 0.103" (3053 ALLOY U.N.D. ALL CLAMPS SHALL BE VAN TIE WEDGE CLAMPS OR APPROVED ALTERNATE.
- WORK PLATFORM TIMBER:
 - PLANKS (SCAFFOLD) MAY BE EIGHTER SAWN OR LAMINATED LUMBERS WITH MINIMUM CROSS SECTION IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION. MUST NOT BE PAINTED AND NOT USED PREVIOUSLY AS SILLS.
 - PLYWOOD USED AT THE WORK PLATFORM LEVELS SHALL BE MINIMUM THICKNESS OF 1/2". THE MAXIMUM SPACING OF SUPPORTS UNDER PLYWOOD SHALL BE 24" U.N.D. OR APPROVED IN WRITINGS.
- SILLS:
 - ALL SILLS SHALL HAVE A MINIMUM SIZE OF 2" X 10" (MINIMUM) AND SHALL BE CONTIGUOUS UNDER AT LEAST 2 LEGS OF THE SCAFFOLD. U.N.D. OR APPROVED IN WRITINGS.
- ALTERATION OF SCAFFOLD:
 - NO ALTERATION SHOULD BE CARRIED OUT TO THE ENGINEERED SCAFFOLD WITHOUT THE PRIOR WRITTEN INSTRUCTIONS OF THE ENGINEER. THIS INCLUDES THE REMOVAL AND REINSTALLATION OF BUILDING TIES, THE JACKING UP OF SCREWS/JACKS, OR ANY OTHER ALTERATION AND MODIFICATION TO THE INSTALLED SCAFFOLDING STRUCTURE.
- SITE CONDITIONS:
 - THE SCAFFOLD DRAWING IS PREPARED BASED UPON THE LATEST INFORMATION AVAILABLE. IT IS THE RESPONSIBILITY OF THE ERECTOR TO CHECK AND VERIFY ALL DIMENSIONS, ELEVATIONS, ETC. PRIOR TO STARTING CONSTRUCTION. ENGINEER SHOULD BE IMMEDIATELY NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES BETWEEN THIS DRAWING AND ACTUAL SITE CONDITIONS. ENGINEER MUST BE NOTIFIED OF ANY LAYOUT MODIFICATIONS AT LEAST 72 HOURS PRIOR TO FIELD REVIEW TO ALLOW TIME TO REVISE DRAWINGS WHERE NECESSARY.
- FIELD REVIEW REQUIREMENTS:
 - THE COMPLETED SCAFFOLD STRUCTURE MUST BE INSPECTED AND APPROVED IN WRITING BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF BRITISH COLUMBIA PRIOR TO ALLOWING WORKERS ACCESS ON THE SCAFFOLD.

GEOTECHNICAL ENGINEER TO CONFIRM ADEQUACY OF SOIL TO SUPPORT REACTION

CONTRACTOR TO ENSURE THAT ALL STANDARDS ARE BOLTED TOGETHER W/MIN 3/4" DIA. GRADE 8 BOLTS, TYP.

MAX. 10 WORKERS PERMITTED ON THE STAIR TOWER AT ANY ONE TIME . MAX. 3 WORKERS PER LEVEL

MANTAIN 2 FEET GAP FROM THE EDGE OF THE EXCAVATED WALL TOP TO BOTTOM.

GUARDRAILS ON ALL OPEN SIDES IN ACCORDANCE WITH THE WCB REGULATIONS.

SPECIFIED LOADS:
 TOTAL DEAD LOAD = 9500 LBS
 TOTAL LIVE LOAD = 2500 LBS (250X 10 PERSONS)
 STAIR TOWER WEIGHT = 12,000 LBS

SKYLINE SCAFFOLD LTD.

960 DERWENT WAY
 DELTA, BC
 V3M 5R1
 TELEPHONE: 1-(604)-540-2207
 FAX: 1-(604)-540-7229

ONNIE- DRAKE & RICHARD ST.
 PLAN, ELEVATION & SECTION
 STAIR TOWER SCAFFOLD

1/4" = 1'

SS-182

11 MARCH 2015