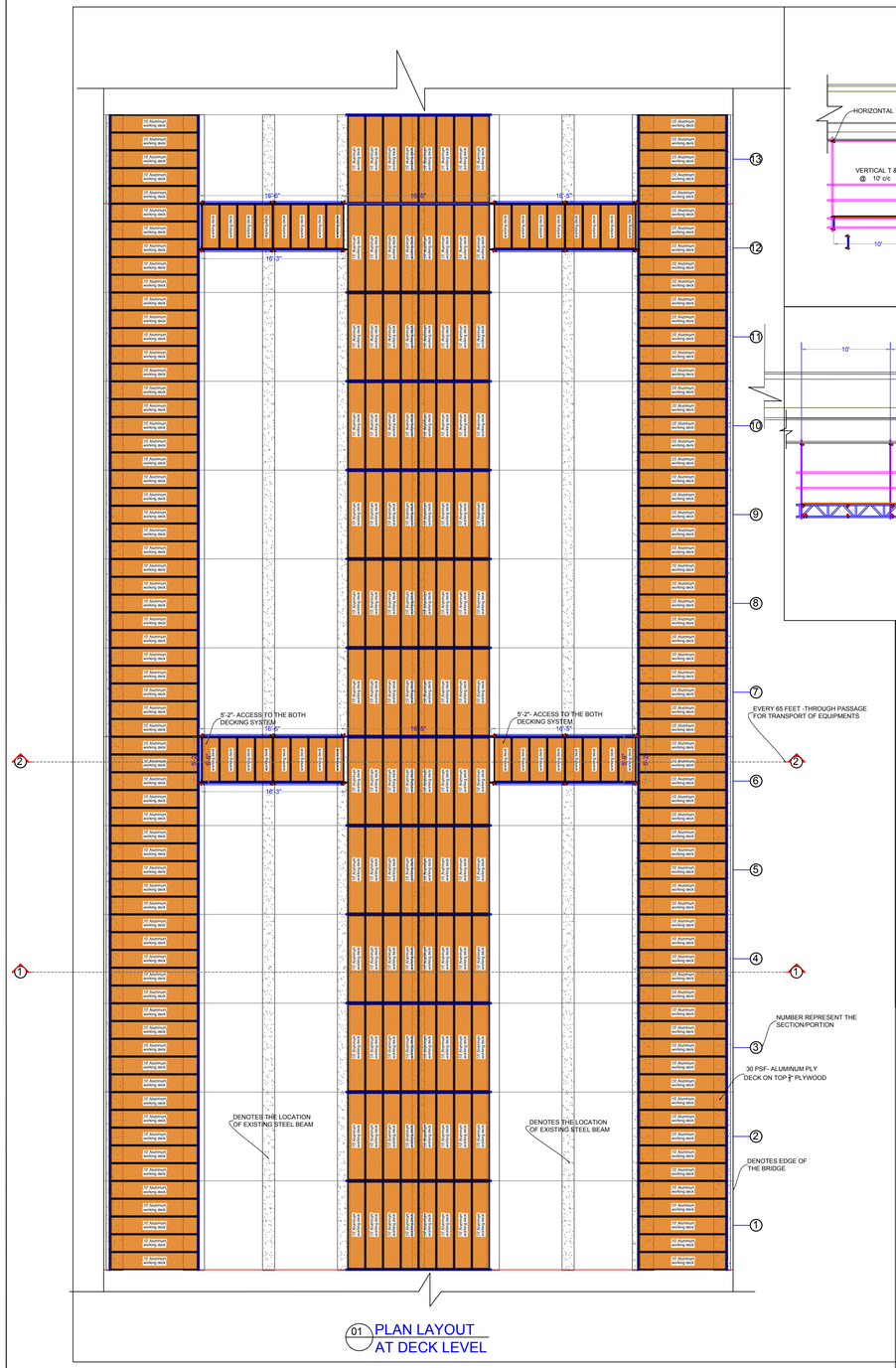
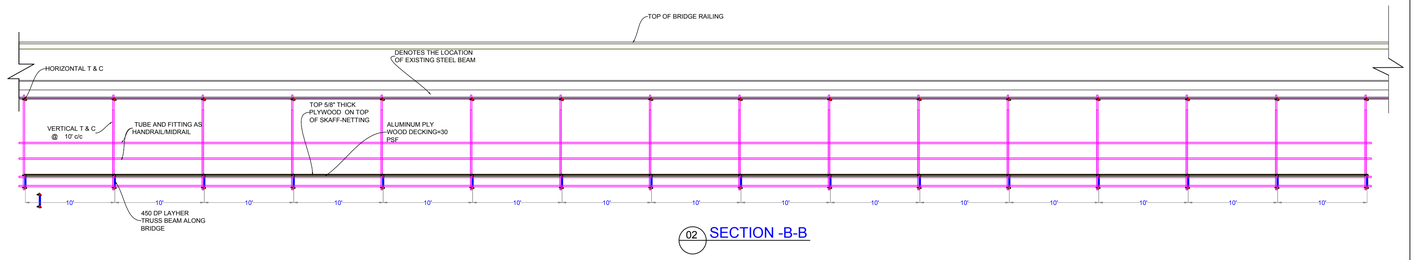
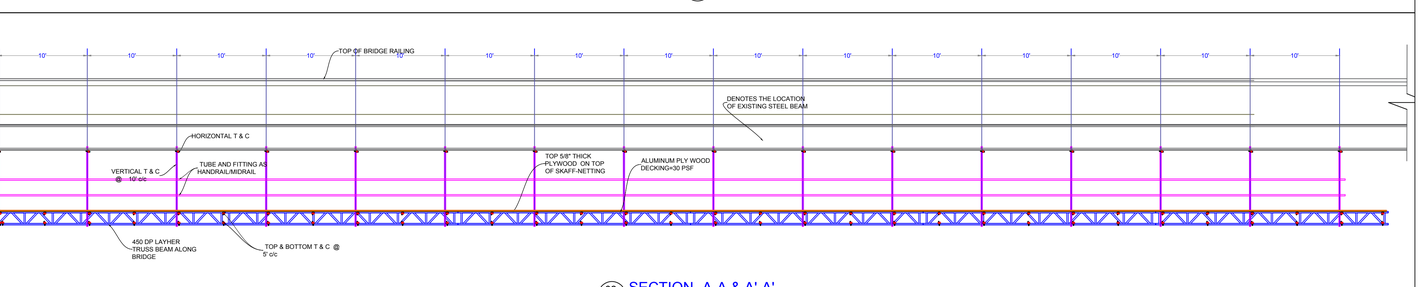


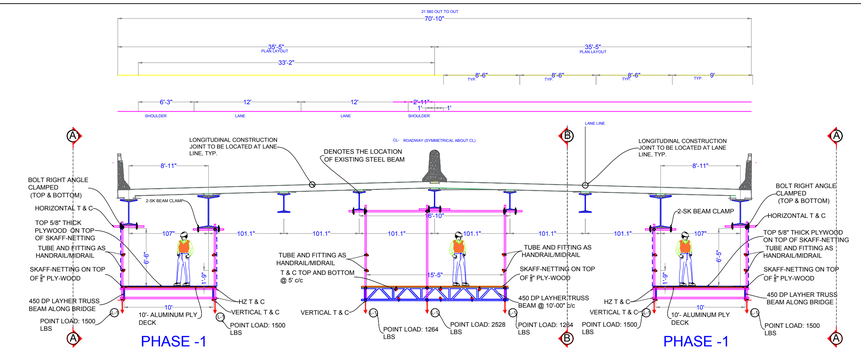
01 PLAN LAYOUT AT DECK LEVEL



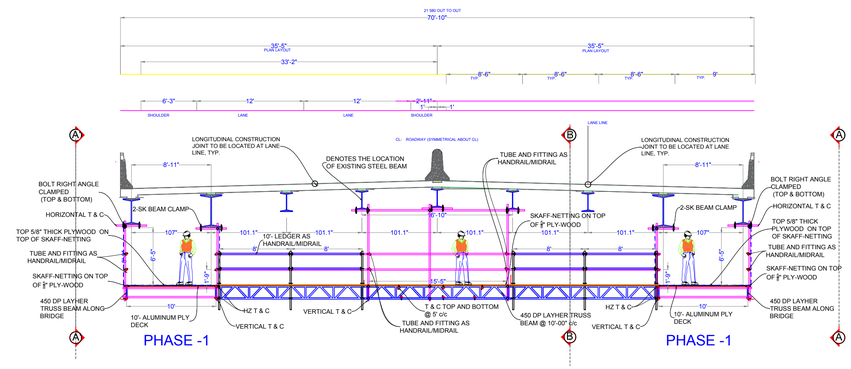
02 SECTION -B-B



03 SECTION -A-A & A'-A'



04 SECTION -1-1 PARTIAL DECKING



05 SECTION -2-2 DECKING WITH ACCESS

CONCEPTUAL DRAWING (NOT FOR CONSTRUCTION)

SCAFFOLD GENERAL NOTES:

1. 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 Z797-09 " CODE OF PRACTICE FOR ACCESS SCAFFOLD"
- CSA S269.2 - M87 " ACCESS SCAFFOLDING FOR CONSTRUCTION PURPOSES"
- WORKSAFE BC REGULATIONS
THE PROFESSIONAL ENGINEER'S SEAL DOES NOT COVER THE STRUCTURAL CAPABILITY TO SAFELY SUSTAIN THE LOADS IMPOSED ON IT BY THE SCAFFOLD EQUIPMENT SHOWN HEREIN. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CONFIRM WITH THE ENGINEER OF RECORD THAT THE STRUCTURE HAS THE SUFFICIENT CAPACITY TO SUPPORT ALL LOADS

2. 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 UTILIZE CSA Z797-09 WHERE POSSIBLE. THE INFORMATION SHALL 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.

3. SCAFFOLD EQUIPMENT:
SYSTEM SCAFFOLDING:
VERTICAL STANDARDS SHALL BE CONSTRUCTED FROM STEEL PIPE WITH A MINIMUM OUTSIDE DIAMETER OF 1.90" AND A MINIMUM WALL THICKNESS OF 0.120", Fy= 50 ksi.

TUBE AND CLAMP:
ALL TUBES SHALL BE ALUMINUM PIPE, 1.90" O.D. SCHEDULE 40 (WALL THICKNESS OF 0.145") 6061-T6 ALLOY U.N.O. ALL CLAMPS SHALL BE VAN THIEL WEDGE CLAMPS OR APPROVED ALTERNATE.

WORK PLATFORM TIMBER:
PLANKS (SCAFFOLD) MAY BE EIGHTER SAWN OR LAMINATED LUMBER 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: SPRUCE STANDARD CONSTRUCTION GRADE OR BETTER WITH MINIMUM THICKNESS OF 1/2". THE MAXIMUM SPACING OF SUPPORTS UNDER PLYWOOD SHALL BE 24" U.N.O. OR APPROVED IN WRITINGS.

SILLS:
ALL SILLS SHALL HAVE A MINIMUM SIZE OF 2" X 10" (NOMINAL) AND SHALL BE CONTINUOUS UNDER AT LEAST 2 LEGS OF THE SCAFFOLD, U.N.O. OR APPROVED IN WRITINGS.

4. 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, JACKING UP OF SCREWJACKS, OR ANY OTHER ALTERATION AND MODIFICATION TO THE INSTALLED SCAFFOLDING STRUCTURE.

5. 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.

6. 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.

NOTE:

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

DRY GULCH BRIDGE
PLAN, ELEVATION & SECTION
WORKING PLATFORM/DECK

Scale: 1/4"=1'	Dr. No: SS-552
Designed by: SURESH	Date: 1 MAY 2017
	JOB #