A. GENERAL NOTES

1.) MPT PLAN, IF REQUIRED, SHALL BE PROVIDED BY THE GENERAL CONTRACTOR.

2.) THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO APPROVAL.

3.) WORK PLATFORMS ARE DESIGNED PER OSHA STANDARDS.

4.) WORK PLATFORM INSTALLATION/ REMOVAL CREWS SHALL FOLLOW ALL APPLICABLE OSHA REGULATIONS.

5.) CONTINUOUS CLEANING OF PLATFORM IS REQUIRED BY OSHA.

6.) CONTRACTOR SHALL NOT LOAD MORE THAN 50% OF THE TIE-UP BAYS AT ANY GIVEN TIME. A TIE-UP BAY IS DEFINED AS THE AREA BETWEEN ADJACENT TIE-UP ROWS.

7.) DURING PLATFORM USE THE CONTRACTOR SHALL MONITOR SAG IN ALL BAYS WHERE WORK IS BEING DONE. SAG SHALL NOT EXCEED THE TOTAL DESIGN SAG (INCLUDING INITIAL INSTALLATION SAG). ONCE THIS SAG HAS BEEN REACHED WORK MUST BE HALTED AND THE PLATFORM MUST BE CLEANED.

8.) A REPRESENTATIVE OF SAFESPAN MUST INSPECT THIS PLATFORM. NO WORK SHALL BE PERMITTED ON THIS PLATFORM WITHOUT A WRITTEN RELEASE FROM SAFESPAN.

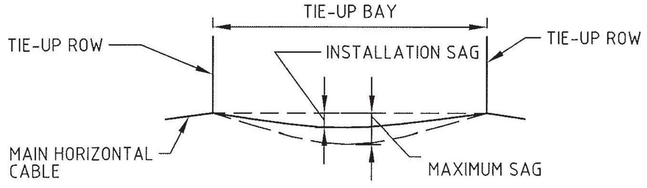
9.) ALL DIMENSIONS ROUNDED TO NEAREST INCH.

10.) CONTRACTOR SHALL NOTIFY SAFESPAN IMMEDIATELY IF ANY DEFICIENCIES ARE OBSERVED IN THE PLATFORM OR EXISTING STRUCTURE DURING INSTALLATION/USE OF THE PLATFORM.

B. DESIGN PARAMETERS

1.) LOAD RATING

WORKING PLATFORM:
WORKING PLATFORM IS RATED WITH A WORKING LIVE LOAD OF 25 PSF, A MAXIMUM DESIGN SAG OF 16", AND A MINIMUM INSTALLATION SAG OF 8" USING A MAXIMUM TIE UP SPACING OF 19'-5".



2.) PRODUCTS AND MATERIALS SHALL CONFORM WITH THE FOLLOWING:

A. STRUCTURAL STEEL-ASTM A-36
B. STRUCTURAL PLATES SHALL BE OF ASTM A36 STEEL (FY=36 KSI)
C. STRUCTURAL BOLTS, NUTS, AND WASHERS - ASTM A-325, SAE GRADE 5, OR B7
D. THREADED RODS SHALL BE A-193 B7.
E. SUPPORTING CABLES DESIGNED AROUND 6x19 CLASS - PURPLE PLUS- IWRC AT THE FOLLOWING ULTIMATE BREAKING STRENGTHS:
1/4" DIAMETER - 3.4 TONS
1/2" DIAMETER - 13.3 TONS
5/8" DIAMETER - 20.6 TONS
3/4" DIAMETER - 29.4 TONS

B. DESIGN PARAMETERS CON'T.

2.) PRODUCTS AND MATERIALS SHALL CONFORM WITH THE FOLLOWING CON'T.

F. SHACKLES SHALL BE SCREW PIN TYPE:
5/8" - 3 1/4 METRIC TON WORKING LOAD LIMIT
3/4" - 4 3/4 METRIC TON WORKING LOAD LIMIT
7/8" - 6 1/2 METRIC TON WORKING LOAD LIMIT
1" - 8 1/2 METRIC TON WORKING LOAD LIMIT

3.) ALL COMPONENTS SHALL BE SUPPLIED BY SAFESPAN, INC.

IF THE CONTRACTOR HAS SAFESPAN COMPONENTS IN STOCK THAT WILL BE USED, A WRITTEN NOTIFICATION MUST BE SENT TO SAFESPAN LISTING THESE COMPONENTS. INCLUDED IN THIS NOTIFICATION MUST BE A DETAILED QUALITY ASSURANCE PROCEDURE DETAILING HOW THESE COMPONENTS HAVE BEEN INSPECTED/REFURBISHED AFTER EACH USE. IF THE CONTRACTOR DOES NOT HAVE A REFURBISHMENT PROCESS IN PLACE THE CONTRACTOR HAS THE OPTION TO HAVE SAFESPAN REFURBISH THEIR SAFESPAN INVENTORY. CONTACT SAFESPAN FOR DETAILS.

3.1) THE CONTRACTOR MAY CHOOSE TO SUPPLY CERTAIN COMMONLY AVAILABLE COMPONENTS. THESE ARE CABLE CLIPS, THIMBLES, 6 x 19 IWRC EIPS WIRE ROPE, EYE HOOKS, AND SHACKLES.

3.2) IF THE CONTRACTOR CHOOSES TO SUPPLY ANY OF THE ABOVE ITEMS, WRITTEN NOTIFICATION TO SAFESPAN IS REQUIRED. THIS NOTIFICATION MUST INCLUDE MATERIAL CERTIFICATIONS FOR REVIEW AND APPROVAL BY SAFESPAN. ALL COMPONENTS, OTHER THAN THOSE LISTED ABOVE, MUST BE SUPPLIED BY SAFESPAN.

4.) TURN-OF-THE-NUT-TIGHTENING, RELIABILITY AND INSPECTABILITY OF THE METHOD SHALL BE ENSURED BY HAVING THE OUTER FACE OF THE NUT MATCH MARKED TO THE PROTRUDING END OF THE BOLT AFTER THE JOINT HAS BEEN SNUG TIGHTENED BUT PRIOR TO THE FINAL TIGHTENING. SUCH MARKS SHALL BE APPLIED BY THE WRENCH OPERATOR USING A DAB OF PAINT. SUCH MARKS IN THEIR RELATIVELY DISPLACED POSITION AFTER TIGHTENING WILL AFFORD THE INSPECTOR A MEANS FOR NOTING THE ROTATION THAT WAS APPLIED.

C. INSTRUCTIONS AND SAFETY RULES

1.) AVOID ABUSING PLATFORM DECKING, CABLES, SUPPORT BEAMS, TIE-UPS, AND ALL APPURTENANCES BY HITTING THEM WITH HEAVY OBJECTS.

2.) DO NOT USE DAMAGED, DETERIORATED, BENT, KINKED, CABLES, METAL DECKING, OR APPURTENANCES.

3.) INSTALL PLATFORM AS INDICATED ON THE PROJECT PLANS. DO NOT MODIFY THE PLATFORM IN ANY MANNER (i.e. OPENINGS, MISSING SHEETS, CLIPS, CABLES, etc.) UNLESS PRIOR APPROVAL IS GRANTED IN WRITING BY SAFESPAN, INC.

4.) USE CAUTION WHEN INSTALLING CABLES, ENSURING PROPER, EVEN CABLE SPACING, AND INSTALLATION. USE CAUTION WHEN TENSIONING CABLES TO ENSURE NO DAMAGE TO HORIZONTAL SUPPORTS, POST BRACKETS, etc. OCCURS. APPLY EVEN TENSION TO CABLES STARTING FROM THE CENTER OF EACH HORIZONTAL SUPPORT BEAM AND WORKING OUTWARD ON EACH SIDE SIMULTANEOUSLY.

5.) INSTALL PERIMETER PROTECTION POSTS, HAND RAILS, TOE BOARDS, BRACKETS, PROTECTIVE SCREENING, AND ALL APPURTENANCES (IF SUPPLIED BY SAFESPAN, INC.). THE CONTRACTOR ASSUMES LIABILITY OF FALL PROTECTION AND CONFORMING WITH THE STIPULATIONS PROMULGATED BY OSHA AND ANY OTHER REGULATORY AGENCY HAVING JURISDICTION

C. INSTRUCTIONS AND SAFETY RULES CON'T.

6.) CONTRACTOR SHALL PERFORM A CURSORY INSPECTION DAILY OF THE WORK AREA IN CONFORMANCE WITH THE REQUIREMENTS OF THE CHECKLIST INCLUDED IN THE APPENDIX OF THE CALCULATIONS.

6.1) CONTRACTOR SHALL PERFORM A CURSORY INSPECTION MONTHLY OF THE ENTIRE PLATFORM IN CONFORMANCE WITH THE REQUIREMENTS OF THE CHECKLIST INCLUDED IN THE APPENDIX OF THE CALCULATIONS.

6.2) CONTRACTOR SHALL STORE ALL INSPECTION REPORTS ON-SITE.

6.3) ALL PERSONS SHALL BE REMOVED FROM THE PLATFORM AND SAFESPAN SHALL BE NOTIFIED IMMEDIATELY IF AT ANY TIME AN UNPLANNED EVENT LOADS THE SYSTEM BEYOND THE DESIGN LOADS. ALL WORK SHALL BE SUSPENDED AND NO PERSONS ALLOWED BACK ON THE SYSTEM UNTIL A FULL INSPECTION HAS BEEN PERFORMED BY SAFESPAN OR AN AUTHORIZED AGENT.

7.) IF ARC GOUGING IS TO BE PERFORMED, ISOLATE PLATFORM TO PREVENT ELECTRICAL CURRENT GOING TO GROUND THROUGH MAIN CABLES AND CAUSING A POTENTIAL FOR SUBSEQUENT DAMAGE.

8.) ANY SCREW PIN TYPE SHACKLES, THAT ARE NOT INSPECTABLE FROM THE SAFESPAN PLATFORM (i.e. ALL SHACKLES AT END CONNECTIONS & MAIN CABLES), SHALL BE SECURED BY MEANS OF THREE WRAPS OF 12 Ga. WIRE THROUGH THE HOLE IN THE SHACKLE PIN AND WRAPPED AROUND THE SHACKLE BODY.

D. SAFETY PRECAUTIONS

1.) SECURELY FASTEN THE MAIN CABLES AND CONNECTIONS AS INDICATED ON THE PLANS.

2.) POST BRACKET, CLAMPING PLATES, AND FLOOR BEAM BRACES ARE SLIP CRITICAL. IF THESE COMPONENTS ARE SPECIFIED IN THE DRAWINGS THE FOLLOWING PROCEDURE MUST BE USED:

- FOR A SLIP CRITICAL CONNECTION, EXISTING STRUCTURAL MEMBER MUST BE BROUGHT TO BARE STEEL WHEREVER THE SLIP CRITICAL CONNECTION WILL MAKE CONTACT. HARD DISC WHEEL GRINDERS ARE NOT PERMITTED. HAND OR POWER BRUSHING/SCRAPING IS ACCEPTABLE. AFTER THE SLIP CRITICAL CONNECTION IS REMOVED THE EXISTING STRUCTURAL MEMBER WILL BE REPAIRED BY OTHERS.

Fastener tension required for slip critical connections and connections subject to direct tension

Nominal Bolt Size, Inches	A 325 Bolts		B7 Bolts	
	MIN. TENSION IN 1000'S OF LBS (KIPS)	TORQUE (IN FT-LBS)	MIN. TENSION (IN LBS)	TORQUE (IN FT-LBS)
1/2	-	-	11175	93
5/8	19	198	17798	185
3/4	28	350	26339	329
7/8	39	569	36362	530
1	51	850	47702	795
1 1/8	-	-	60108	1127
1 1/4	-	-	76318	1589
1 3/8	-	-	-	-
1 1/2	-	-	117483	2936

3.) DO NOT ALLOW THE UNNECESSARY PRACTICE OF REACHING OUT WHEN WORKING ON THE SAFESPAN PLATFORM SYSTEM.

4.) INSTALL RUBBER SOFTENER AROUND ALL CABLES AT ALL LOCATIONS WHERE THERE EXISTS THE POSSIBILITY OF METAL TO METAL/CONCRETE CONTACT.

REV.	DATE	BY	REVISION DESCRIPTION
1	04-02-12	A.W.T.	GENERAL REVISIONS

SAFESPAN
"Support you can Build on" ™

DESIGNED BY: D.E.P.	CHECKED BY: A.W.T.	PHOENIX DEVELOPMENT
DRAWN BY: D.J.L.	CHECKED BY: D.E.P.	ROUTE 2 BRIDGE OVER WINOOSKI BRIDGE
DATE: 02-17-11	SCALE: NO SCALE	GENERAL NOTES
S.S. PROJECT No: 1318111000	OWNERS PROJECT No: STP-RS 0284(11)	REV. : 1 / JOB No. : 131811 / DWG. No. : 001

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