



CATWALK LAYOUT
SCALE: 1/16"=1'-0"

**UPPER CATWALK & PLATFORM
OCCUPANCY-MIN. TWO PEOPLE**

CONTRACT REQUIREMENTS

1. THE WORK AREA IS LOCATED WITHIN THE ROOF TRUSS SYSTEMS, CAT WALKS AND UNIT PLATFORMS AT WINNIPEG PAN AM POOL.
2. THE WORK SHALL BE DONE DURING POOL OPERATIONS. FURTHER INFORMATION ON THE POOL OPERATION SCHEDULE WILL BE AVAILABLE FOR THE CONTRACTORS.
3. SAFETY MEASURES ARE TO BE TAKEN AND WORK ACCESS WITHIN THE BUILDING WILL CONFORM WITH POOL ADMINISTRATION REQUIREMENTS FOR ACCESS AND SAFETY. THE CONTRACTOR SHALL SUBMIT A "SAFE WORK" PLAN FOR THE TRANSPORTING OF WORKERS AND MATERIALS WITH A SCAFFOLD SYSTEM BUILT ON THE WEST END OF THE RUNNING TRACK. CONTRACTOR TO SUBMIT A PROPOSED CAT WALK LOADING PROCEDURE INDICATING POSITIONING AND EQUIPMENT WEIGHTS FOR REVIEW BY THE CONTRACT ADMINISTRATOR.
4. THE CONTRACTOR SHALL SUBMIT A "SAFE WORK" PLAN TO PROVIDE WELDING FIRE PROTECTION FOR WORK ON THE CAT WALK AND POOL DECK AREAS.
5. BOTH "SAFE WORK" SUBMISSIONS TO BE PRESENTED FOR APPROVAL WITHIN 3 DAYS FROM THE CONTRACT ADMINISTRATOR'S REQUIREMENT.
6. A PRE-BID SITE MEETING WILL BE HELD AS OUTLINED IN THE BID OPPORTUNITY.

SCOPE OF WORK

1. (A) SUPPLY AND INSTALL 5/8"Ø - D-BOLT ANCHORS AND CONNECTORS THE STRUCTURAL TEES AS SHOWN ON DWG. NO. S-02 AT A TOTAL OF 52 LOCATIONS.
 - (B) SUPPLY TWO SETS OF THE FOLLOWING:
 - i) RETRACTING LIFELINE WITH A RESCUE GALVANIZED CABLE AND SWIVEL HOOK.
 - ii) DELTA NO TANGLE HARNESS VEST STYLE BACK D-RING TONGUE BUCKLE LEG STRAPS.
 - iii) SHOCK ABSORBER ONLY SNAP HOOK ONE END D-RING OTHER (19.5 INCH LENGTH).
 2. SUPPLY AND INSTALL APPROACH PLATFORM AND SAFETY RAILING FOR EACH EMERGENCY LADDER (A & B) AS SHOWN ON DRAWINGS S-03 AND S-04.
 3. SUPPLY AND INSTALL ?KICK PLATES? AT THE LOCATION SHOWN ON DRAWINGS S-01 BOTH SIDES OF THE WALKWAY, APPROXIMATELY 25'-0" LENGTH.
 4. SUPPLY AND INSTALL SAFETY RAILING C/W THE PLATES AT THE LOCATIONS SHOWN FOR A TOTAL OF 36 FEET OF RAILING AS SHOWN ON DWG 2-01 AND DETAILED ON S-02.
 5. SUPPLY AND INSTALL INCREASED RAILING HEIGHT AT 3 LOCATIONS AT PIPE CROSSINGS INDICATED AS CAT WALK OVER AND AS DETAILED ON S-02.
 6. SUPPLY AND INSTALL EMERGENCY ACCESS LADDERS (A & B) FROM THE CAT WALK TO THE RUNNING TRACK APPROXIMATELY 37 FEET EQUIPPED WITH THE FOLLOWING:
 - (A) MILLER GLIDLOC CLIMBING SYSTEM.
 - (B) RETRACTING LIFELINE WITH A RESCUE GALVANIZED CABLE AND SWIVEL HOOK.
 - (C) DELTA NO TANGLE HARNESS VEST STYLE BACK D-RING TONGUE BUCKLE LEG STRAPS.
 - (D) SHOCK ABSORBER ONLY SNAP HOOK ON END D-RING ?Ø? TYPE (19 1/2 FEET LONG ±).
- ITEMS 1. (A) AND (B) 6 (A), (B), (C) AND (D) SUPPLIED AND INSTALLED BY ANCHOR PRODUCTS OR AS APPROVED AND IN ACCORDANCE WITH THE MANITOBA WORKPLACE SAFETY AND HEALTH REQUIREMENTS.

GENERAL NOTES:

1. WELDING TO BE UNDERTAKEN BY A FIRM CERTIFIED BY THE CANADIAN WELDING BUREAU TO THE REQUIREMENTS OF CSA 47.1 IN DIVISION 2.
2. WELDING SAFETY SPECS ARE TO BE IN ACCORDANCE WITH CSA W117.2.
3. WELDING INSPECTIONS ARE TO BE IN ACCORDANCE WITH CSA W178.1 AND W178.2.
4. STRUCTURAL STEEL MEMBERS TO BE SUPPLIED IN ACCORDANCE WITH THE FOLLOWING:
 - STEEL MEMBERS CSA G40.21
 - HOLLOW STRUCTURAL MEMBERS (PIPE) CSA G40.20 TYPE 2.
5. CONNECTING BOLTS TO BE IN ACCORDANCE WITH ASTM - A325 AND ANCHOR BOLTS IN ACCORDANCE WITHY ASTM - A307.
6. CONCRETE INSERTS TO BE EPOXY TYPE FOR MINIMUM SHEAR AND PULLOUT OF 5,000 LBS; HILTI PRODUCTS OR AS APPROVED IN ACCORDANCE W/ B7.

SHOP DRAWING

1. SUBMIT SHOP DRAWINGS OF THE BOLTED ANCHORAGES TO THE EXISTING STRUCTURAL TEE MEMBERS.
2. SUBMIT SHOP DRAWINGS FOR ACCESS LADDERS AND APPROACH PLATFORMS.
3. SUBMIT SHOP DRAWINGS FOR THE PIPE ACCESS PLATFORMS.
4. SUBMIT SHOP DRAWINGS FOR RAILINGS COMPLETE WITH TOE PLATES.

REVISIONS		
0	ISSUED FOR REVIEW	
1	ISSUED FOR CONSTRUCTION	29JUL2013
2	ISSUED FOR TENDER	07AUG2013
3	ISSUED W/ REV'S.	11SEP2013

SEAL:

**CHARLESON
ENGINEERING
LIMITED**

101-1200 PEMBINA HWY.
WINNIPEG, MB. R3T 2A7
TEL. (204) 895-1474

PROJECT:
**PAN AM POOL
CATWALK SAFETY IMPROVEMENTS**

DRAWING:
CATWALK LAYOUT

SCALE:
AS SHOWN

DESIGNED BY:
D.C.

DATE:
FEB., 2011

DRAWN BY:
LDM

SHEET:
S-01

JOB NUMBER:

REV. **3**