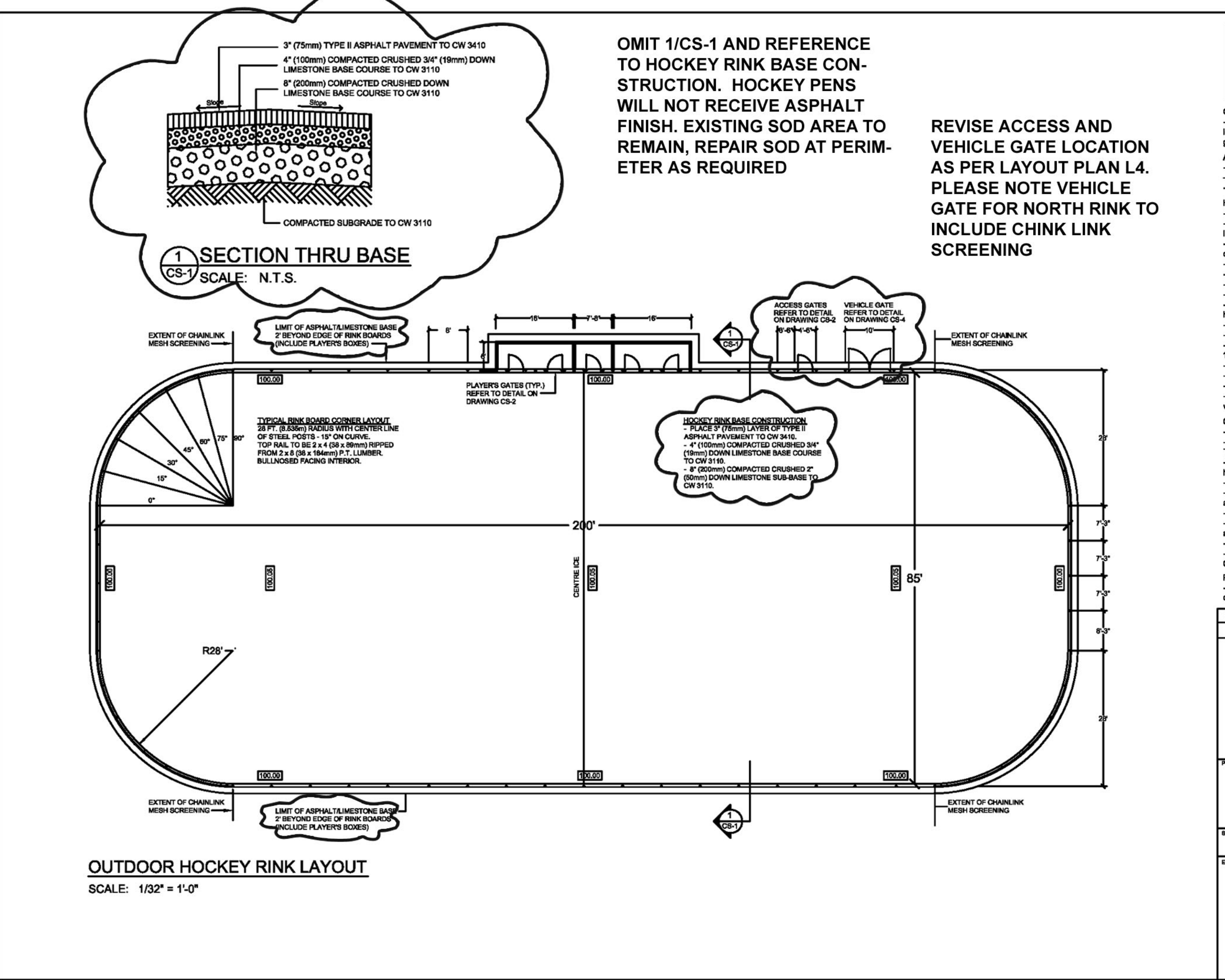


DATE: 18-JAN-2008 FILE NAME: 7026-Bronx-Centre.dwg PROJECT NO: PPRD 2006-065 DESCRIPTION: LH-COMP-DETAILS-HOCKEY RINKS ADDRESS: WINNIPEG, MANITOBA



Determine location of underground utilities before proceeding with construction. Location of underground structures as shown are based on best information available, but no guarantee is given that all existing utilities are shown and exact locations of all underground utilities must be checked with the utility concerned before proceeding with construction.

**GENERAL**  
Drawing should be used as a general guide. Exact site, along with style and location of vehicle gates, access, player's gates, and player's boxes location, grading and lighting requirements to be shown on project site plan.

**HOCKEY PEN AND PLAYERS BOXES**  
- All post uprights to be minimum 18mm diameter Schedule 40 steel pipes. Upright posts to be located as shown on the Drawings. Posts to be pushed into ground and shall be plumb in all directions.  
- Vehicle Gates (Option '9') requires post uprights encased in concrete (gate only).  
- All lumber and plywood to be pressure treated (P.T.).  
- Lumber with loose knots, surface imperfections or splits will not be accepted.  
- All fasteners to be galvanized. Nails to be 18mm Anchor and clinched.  
- All carriage bolts, barrel bolts, nuts and washers to be cadmium plated.  
- Carriage bolts to be used to fasten wood framing to sleeves and gate hardware.  
- All bolt locations to be pre-drilled.  
- Nuts on gate hardware to be non-removable.  
- Top rail of rink end boards to be 2" x 4" (50 x 89mm) ripped from 2" x 4" (50 x 140mm) pressure treated lumber.  
- All hardware to be hot-dipped galvanized after fabrication.  
- Player's boxes to be constructed separately from rink.  
- Notch top plate of rink boards to fit Player's Box uprights.  
- Floor of Player's Boxes to be finished around steel posts. Floor to be flush with back of rink boards.  
- Rink boards to be pre-drilled.

**CHAINLINK SCREENING**  
- Chainlink screening shall be located at both ends of rink as shown.  
- All chainlink screening to be 3 gauge steel wire woven into 2" (50mm) mesh. Top and bottom selvage shall be finished.  
- Top rails for screening shall be 1 1/2" (38mm) diameter. Rails to be galvanized and welded to uprights.  
- Posts and rails to be cleaned of all welding residue. Apply Galvalume according to Manufacturer's specifications.  
- Posts and rails to be attached to uprights with wire ties at 1' on center.  
- Metal strapping to be interwoven in mesh and secured to top rail with screws at 1' o.c. Strapping to be continuous post to post.  
- Chainlink screening to be flush with front of upright.  
- Chainlink construction shall be in accordance with City of Winnipeg Standard Construction Specifications CW 3550.

**PAINTING**  
- Inside of rink boards and entire player's boxes shall be painted with two (2) coats of white paint on game lines (red & blue).

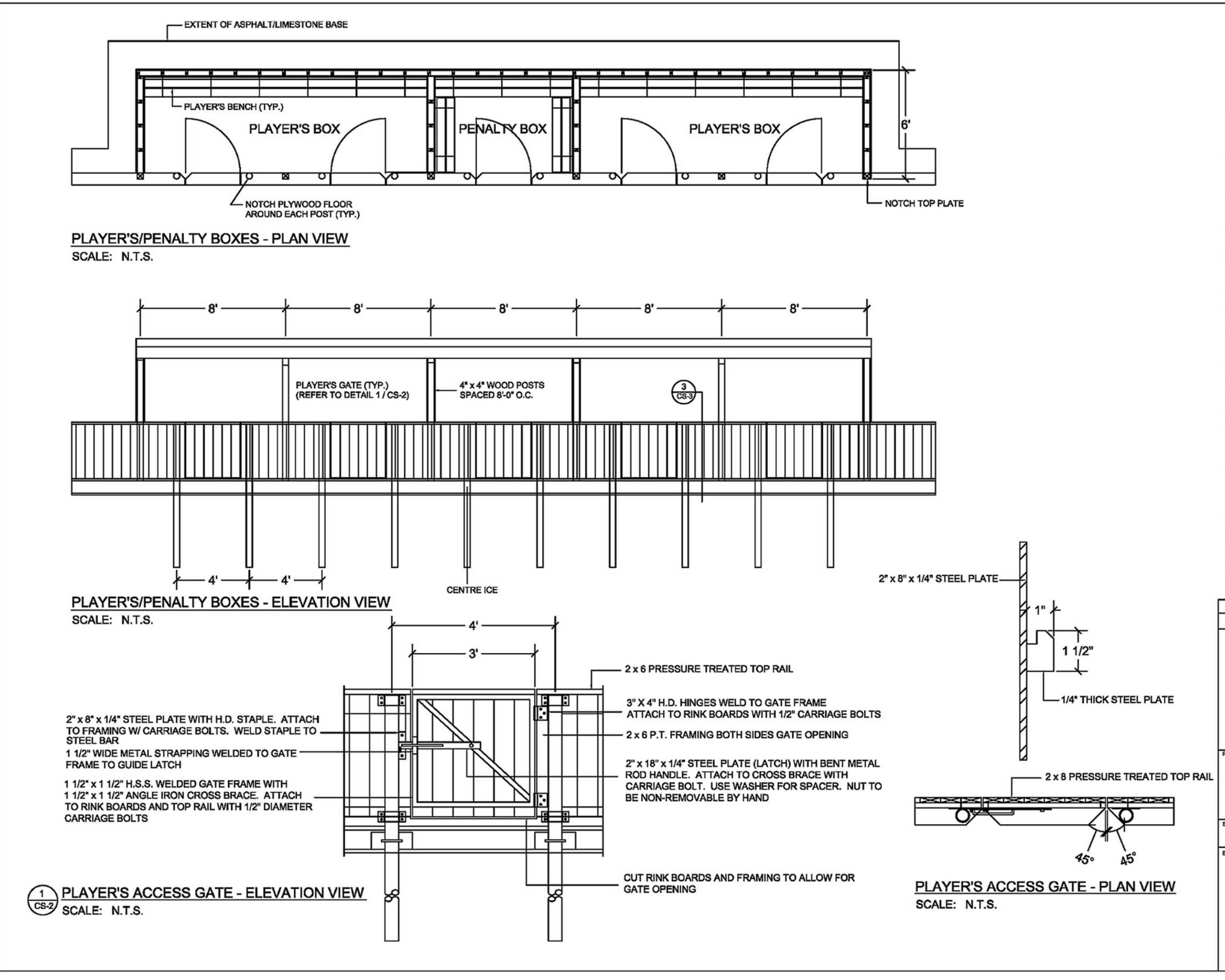
NO.	REVISIONS / ISSUE	DATE	BY
1	ISSUED FOR 100% REVIEW	11-JAN-2008	
2	ISSUED FOR TENDER	18-JAN-2008	

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
BUILDING SERVICES DIVISION  
100 MAIN STREET, MAIN FLOOR  
WPG, MB, R3C 1A4

**STANDARD CONSTRUCTION DETAILS FOR OUTDOOR HOCKEY RINKS**

**HOCKEY RINK LAYOUT & SPECIFICATIONS**

CS-1



Determine location of underground utilities before proceeding with construction. Location of underground structures as shown are based on best information available, but no guarantee is given that all existing utilities are shown and exact locations of all underground utilities must be checked with the utility concerned before proceeding with construction.

**GENERAL**  
Drawing should be used as a general guide. Exact site, along with style and location of vehicle gates, access, player's gates, and player's boxes location, grading and lighting requirements to be shown on project site plan.

**HOCKEY PEN AND PLAYERS BOXES**  
- All post uprights to be minimum 18mm diameter Schedule 40 steel pipes. Upright posts to be located as shown on the Drawings. Posts to be pushed into ground and shall be plumb in all directions.  
- Vehicle Gates (Option '9') requires post uprights encased in concrete (gate only).  
- All lumber and plywood to be pressure treated (P.T.).  
- Lumber with loose knots, surface imperfections or splits will not be accepted.  
- All fasteners to be galvanized. Nails to be 18mm Anchor and clinched.  
- All carriage bolts, barrel bolts, nuts and washers to be cadmium plated.  
- Carriage bolts to be used to fasten wood framing to sleeves and gate hardware.  
- All bolt locations to be pre-drilled.  
- Nuts on gate hardware to be non-removable.  
- Top rail of rink end boards to be 2" x 4" (50 x 89mm) ripped from 2" x 4" (50 x 140mm) pressure treated lumber.  
- All hardware to be hot-dipped galvanized after fabrication.  
- Player's boxes to be constructed separately from rink.  
- Notch top plate of rink boards to fit Player's Box uprights.  
- Floor of Player's Boxes to be finished around steel posts. Floor to be flush with back of rink boards.  
- Rink boards to be pre-drilled.

**CHAINLINK SCREENING**  
- Chainlink screening shall be located at both ends of rink as shown.  
- All chainlink screening to be 3 gauge steel wire woven into 2" (50mm) mesh. Top and bottom selvage shall be finished.  
- Top rails for screening shall be 1 1/2" (38mm) diameter. Rails to be galvanized and welded to uprights.  
- Posts and rails to be cleaned of all welding residue. Apply Galvalume according to Manufacturer's specifications.  
- Posts and rails to be attached to uprights with wire ties at 1' on center.  
- Metal strapping to be interwoven in mesh and secured to top rail with screws at 1' o.c. Strapping to be continuous post to post.  
- Chainlink screening to be flush with front of upright.  
- Chainlink construction shall be in accordance with City of Winnipeg Standard Construction Specifications CW 3550.

**PAINTING**  
- Inside of rink boards and entire player's boxes shall be painted with two (2) coats of white paint on game lines (red & blue).

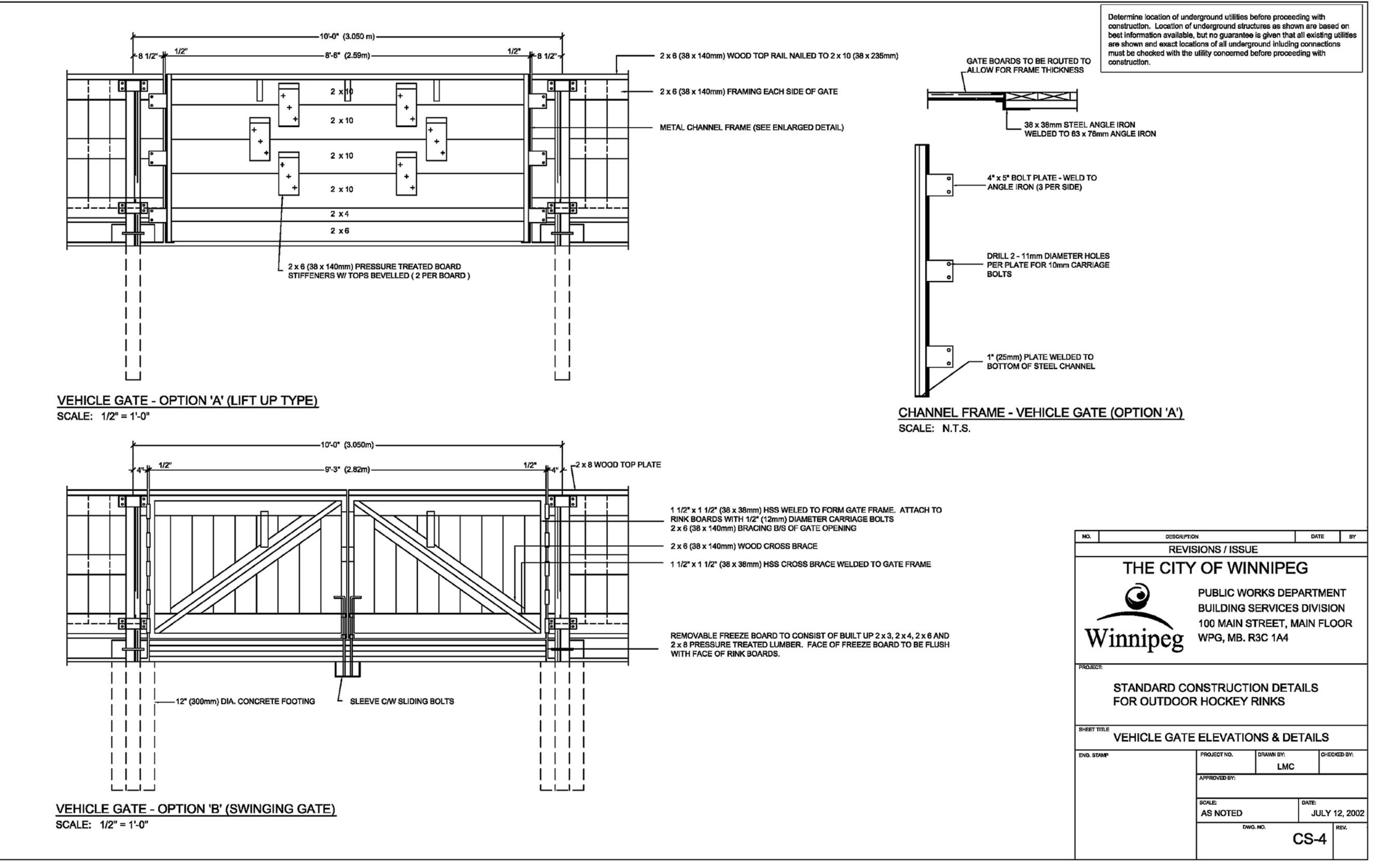
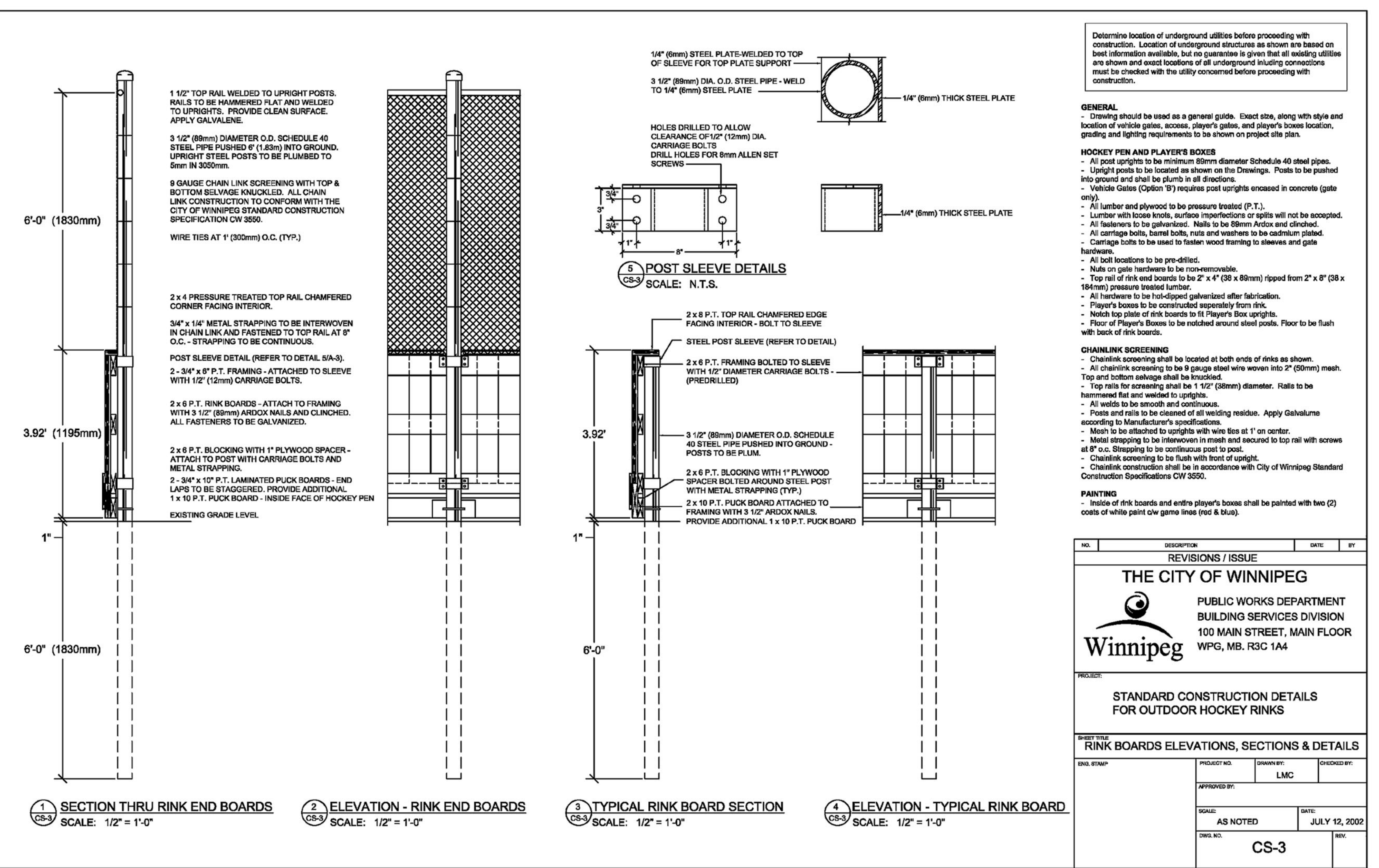
NO.	REVISIONS / ISSUE	DATE	BY
1	ISSUED FOR 100% REVIEW	11-JAN-2008	
2	ISSUED FOR TENDER	18-JAN-2008	

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
BUILDING SERVICES DIVISION  
100 MAIN STREET, MAIN FLOOR  
WPG, MB, R3C 1A4

**STANDARD CONSTRUCTION DETAILS FOR OUTDOOR HOCKEY RINKS**

**PLAYER'S BOX PLAN, ELEVATION & DETAILS**

CS-2



Determine location of underground utilities before proceeding with construction. Location of underground structures as shown are based on best information available, but no guarantee is given that all existing utilities are shown and exact locations of all underground utilities must be checked with the utility concerned before proceeding with construction.

**GENERAL**  
Drawing should be used as a general guide. Exact site, along with style and location of vehicle gates, access, player's gates, and player's boxes location, grading and lighting requirements to be shown on project site plan.

**HOCKEY PEN AND PLAYERS BOXES**  
- All post uprights to be minimum 18mm diameter Schedule 40 steel pipes. Upright posts to be located as shown on the Drawings. Posts to be pushed into ground and shall be plumb in all directions.  
- Vehicle Gates (Option '9') requires post uprights encased in concrete (gate only).  
- All lumber and plywood to be pressure treated (P.T.).  
- Lumber with loose knots, surface imperfections or splits will not be accepted.  
- All fasteners to be galvanized. Nails to be 18mm Anchor and clinched.  
- All carriage bolts, barrel bolts, nuts and washers to be cadmium plated.  
- Carriage bolts to be used to fasten wood framing to sleeves and gate hardware.  
- All bolt locations to be pre-drilled.  
- Nuts on gate hardware to be non-removable.  
- Top rail of rink end boards to be 2" x 4" (50 x 89mm) ripped from 2" x 4" (50 x 140mm) pressure treated lumber.  
- All hardware to be hot-dipped galvanized after fabrication.  
- Player's boxes to be constructed separately from rink.  
- Notch top plate of rink boards to fit Player's Box uprights.  
- Floor of Player's Boxes to be finished around steel posts. Floor to be flush with back of rink boards.  
- Rink boards to be pre-drilled.

**CHAINLINK SCREENING**  
- Chainlink screening shall be located at both ends of rink as shown.  
- All chainlink screening to be 3 gauge steel wire woven into 2" (50mm) mesh. Top and bottom selvage shall be finished.  
- Top rails for screening shall be 1 1/2" (38mm) diameter. Rails to be galvanized and welded to uprights.  
- Posts and rails to be cleaned of all welding residue. Apply Galvalume according to Manufacturer's specifications.  
- Posts and rails to be attached to uprights with wire ties at 1' on center.  
- Metal strapping to be interwoven in mesh and secured to top rail with screws at 1' o.c. Strapping to be continuous post to post.  
- Chainlink screening to be flush with front of upright.  
- Chainlink construction shall be in accordance with City of Winnipeg Standard Construction Specifications CW 3550.

**PAINTING**  
- Inside of rink boards and entire player's boxes shall be painted with two (2) coats of white paint on game lines (red & blue).

NO.	REVISIONS / ISSUE	DATE	BY
1	ISSUED FOR 100% REVIEW	11-JAN-2008	
2	ISSUED FOR TENDER	18-JAN-2008	

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
BUILDING SERVICES DIVISION  
100 MAIN STREET, MAIN FLOOR  
WPG, MB, R3C 1A4

**STANDARD CONSTRUCTION DETAILS FOR OUTDOOR HOCKEY RINKS**

**VEHICLE GATE ELEVATIONS & DETAILS**

CS-4

NOTES:  
THE DRAWING IS THE EXCLUSIVE PROPERTY OF NUMBER TEN ARCHITECTURAL GROUP AND THE COPYRIGHT IS IN THE SAME BEING RETURNED TO THEM. IT MAY BE REPRODUCED ONLY BY THE PERMISSION OF THE CITY OF WINNIPEG.

**CONFIDENTIAL DO NOT COPY**

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DATA, AND LEVELS PRIOR TO COMMENCEMENT OF WORK. ALL ERRORS AND OMISSIONS TO BE REPORTED TO THE CONTRACT ADMINISTRATOR BEFORE PROCEEDING.

WARNINGS AND SPECIFICATIONS TO WORK SHOWN ON THESE DRAWINGS SHALL NOT BE CARRIED OUT WITHOUT WRITTEN PERMISSION OF THE CONTRACT ADMINISTRATOR.

**SCATLIFF+MILLER+MURRAY**  
landscape architecture urban design golf course design bridge architecture 3d simulation  
Winnipeg BC  
50 200 224 944 250 340 2106  
50 200 224 944 250 340 2106

**numberTEN architectural group**  
Winnipeg BC  
250 340 2106

architecture • interior design • graphic design

NO.	REVISION / ISSUE / PLotted	DATE
1	ISSUED FOR 100% REVIEW	11-JAN-2008
2	ISSUED FOR TENDER	18-JAN-2008

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
BUILDING SERVICES DIVISION  
100 MAIN STREET, MAIN FLOOR  
WPG, MB, R3C 1A4

**STANDARD CONSTRUCTION DETAILS FOR OUTDOOR HOCKEY RINKS**

**VEHICLE GATE ELEVATIONS & DETAILS**

CS-4

DRAWN BY: CD/WF CHECKED BY: DM APPROVED: [Signature]  
DATE: 18-JAN-2008 USER APPROVAL

**CITY OF WINNIPEG**  
PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT  
CIVIC ACCOMMODATIONS DIVISION  
300 - 65 GARRY ST. R3C 4K4

PROJECT: BRONX PARK COMMUNITY CENTRE HOME OF GOOD NEIGHBOURS SENIOR CENTRE WINNIPEG, MANITOBA

SHEET TITLE: CITY OF WINNIPEG STANDARD CONSTRUCTION DETAILS FOR OUTDOOR HOCKEY RINKS

SCALE: NTS PROJECT NO: PPRD 2006-065 SHEET NO: L-11.0  
DRAWING SHEET SIZE: ARCH E1 (42" x 30") PLOT 1:1

NOTE: ALL DRAWINGS ARE NOT TO SCALE