OUTFIELD FENCE - SEE DETAILS

FABRIC THIS SIDE

CRUSHED RED BRICK DUST BY CONSORT INC. OR APPROVED EQUAL. REFER TO SPECIFICATIONS - 100mm DEEP, COMPACTED TO 98% S.P.D.

100mm Ø CRUSHER RUN LIMESTONE SCREENINGS 100mm DEEP, COMPACTED TO 98% S.P.D.

COMPACTED SUBSOIL TO 98% S.P.D.

900 MULTIPLE FIELDS 4500 BASEBALL FIELD

6mm PERFORATED POLYETHYLENE BELOW LIMESTONE (OUTSIDE EDGES ONLY)

FOOTING - 300mm Ø Poured Concrete - 30 Mpa.

FOOTING - MIN. 1200mm DEPTH. PROVIDE SONOTUBE FOR ENTIRE DEPTH OF FOOTING.

STANDARD DETAIL

BASEBALL/SOFTBALL FIELD WARNING TRACK

Town of East Gwillimbury

DATE 2008

102
WELDED END CAP

FINISHED GRADE

800mmø SONOTUBE FORMED
CONCRETE FOOTING 2100mm
DEEP

MIX 32 MPa MIN. @ 28 DAYS,
WITH 60mm SLUMP @ 6% AIR

BASEBALL FIELD BACKSTAGE
FENCE - SECTION (2 OF 4)
STRUCTURAL NOTES

A MAIN POSTS  168mm (6-1/2") OD GALVANIZED STEEL PIPE
B MAIN POSTS  114mm (4-1/2") OD GALVANIZED STEEL PIPE
C MAIN POSTS  90mm (3-1/4") OD GALVANIZED STEEL PIPE
D RAILS  64mm (2-1/4") OD GALVANIZED STEEL PIPE
E RAILS  48mm (2") OD GALVANIZED STEEL PIPE
F END CAPS  ALL END CAPS MUST BE WELDED IN PLACE

G MESH  CHAIN LINK FABRIC FOR BACKSTOP, WINGS AND PLAYERS ENCLOSURE TO BE 50mm (2") MESH OF GALVANIZED STEEL, 6 GAUGE WIRE, EDGES KNUCKLED UNDER

GENERAL NOTES

1) ALL POSTS, RAILS, CAPS, ELBOWS AND OTHER JOINTS MUST BE WELDED.

2) TOP RAIL OF OVERHANG MUST BE CONTINUOUS PIPE.

3) CHAIN LINK FABRIC TO BE ATTACHED TO INSIDE OF BACKSTOP SCREEN AND THE TOP OF OVERHANG.

4) FABRIC OF OVERHANG TO EXTEND 25mm BEYOND PIPE FRAME.

5) TENSION BANDS TO BE 400mm O/C. BOLT ENDS TO BE AT BACK OF BACKSTOP SCREEN.

6) 9 GAUGE WIRE TIES TO BE 300mm O/C WRAPPED TWICE THROUGH MESH.

7) ALL STEEL PIPE TO BE SCHEDULE 40 GALVANIZED.
NOTES:

1. DUGOUT TO BE OF ALL WELDED CONSTRUCTION.

2. CHAINLINK FABRIC TO BE 38 x 38 GALVANIZED MESH 35 mm (9 GAUGE) SECURED WITH STRETCHER BARS AND BAR BANDS @ 250 O.C. AND 35mm GALVANIZED WIRE TIES @ 250 O.C.
60 OD. DIOGUT ROOF SUPPORTS WITH CHAIN LINK MESH SECURED WITH STRETCHER BARS AND BAR BANDS 250 O.C. AS ONE CONTINUOUS PIECE.

CHAIN LINK MESH ON ALL SIDES, SECURED WITH STRETCHER BARS AND BAR BANDS @ 250 O.C. AND 35mm GALVANIZED KNUCKLED TIES @ 250 O.C.

1/4 OD. CORNER POSTS. 90 OD. LINE POSTS.

48 OD. MIDRAIL

48 OD. BOTTOM RAIL (TYP)

FINISH GRADE

1500 x 2400 ENCLOSURE OPENING
FRONT FENCE ONLY

1370 x 2300 ENCLOSURE GATE/LOCK
BACK OF ENCLOSURE ONLY

NOTES:
1. DUGOUT TO BE OF ALL WELD CONSTRUCTION
2. MESH SHALL BE 38 GALVANIZED CHAIN LINK 3.5mm (6 GAUGE ON WALLS, 9 GAUGE ON ROOF) SECURED WITH STRETCHER BARS AT POSTS AND BAR BANDS @ 250 O.C. AND KNUCKLED FASTENERS 3.5mm OD. @ 250 O.C.
90mm OUTSIDE DIAMETER FOUL LINE POST
OPEN END TO BE CAPPED

ALL JOINTS CONTINUOUS WELD
GROUND SMOOTH AND TREATED WITH AN
APPROVED RUST INHIBITING PRIMER
AND TWO COATS BRIGHT YELLOW RUST
INHIBITING PAINT TO BE APPROVED BY
LANDSCAPE ARCHITECT

GALVANIZED TENSION BAR
19mm x 5mm TYPICAL

9 GAUGE GALVANIZED MESH
OPENINGS TO BE 50mm SQ
TO BE KNUCKLED AND TIED
TO 43mm RAILS AT 300 OC.

328 ft

43mm OUTSIDE DIAMETER
GALVANIZED PIPE RAIL

762 x 508mm OUTFIELD DISTANCE
MARKER TO BE SOLID SURFACE
ACRYLIC WITH LASER ETCHED
AND COLOURED ACRYLIC DESIGN
FILL AS PRODUCED BY LASERCOR
INC. (800) 461-0997 OR
APPROVED EQUAL.
UV PROTECTED

OUTFIELD FENCING, SEE DETAIL

MIX-32 MPa MIN @ 28 DAYS,
WITH 60mm SLUMP @ 6% AIR

SONOTUBE FORMED 32MPa CONCRETE
FOOTING, TOP OF FOOTING CROWNED
BELOW FINISHED GRADE

UNDISTURBED / COMPACTED SUBGRADE
SUBGRADE TO 95% SPMDD.

NOTE:
OUTSIDE EDGE OF FOUL POLE
TO BE IN LINE WITH OUTSIDE EDGE
OF FOUL LINE. REFER TO
BASEBALL LAYOUT.
NOTES:
1. ALL FABRIC TO BE 1800 - No. 9 GAUGE GALVANIZED CHAINLINK WOVEN IN A 50mm MESH.
2. CONCRETE FOR FOOTINGS TO BE 25MPa AT 28 DAYS.
BASEBALL BULLPEN - DETAIL PLAN

- 2400 HIGH OUTFIELD FENCE
- 1200 x 2400 GATE
- LIGHT POLE
- 2400 HIGH OUTFIELD FENCE
- BULLPEN PLATE
- 70 OD. INTERMEDIATE POSTS
- WARNING TRACK AND BULLPEN SURFACING - REFER TO DETAIL
- 90 OD. TERMINAL POSTS
- PITCHING MOUND
- FOUL POLE WITH DISTANCE MARKER
- PLAYERS BENCH 2400 LONG
NOTE:
CHAINLINK FABRIC TO BE 50mm (2"). MESH OF GALVANIZED STEEL, 6 GAUGE WIRE, EDGES KNUCKLED UNDER.
LINE OF PLAYERS ENCLOSURE

ALUMINUM BACKREST, NATURAL COLOUR, 4500 LONG, WITH CAPPED ENDS AND TUBULAR SUPPORTS, 1200 O.C.

ALUMINUM BENCH, NATURAL COLOUR, 4500 LONG, WITH CAPPED ENDS, SEE SPECIFICATIONS

T' BRACKET WELDED TO PIPE AND BOLTED TO BENCH, HOT DIP GALVANIZED

SUPPORT PIPES, 606 O.C., 1065 LONG, SPACED 1200 O.C., HOT DIP GALVANIZED

INFIELD SURFACE MATERIAL, REFER TO SPECIFICATIONS

200mm DIA. POURED CONCRETE FOUNDATION, 25MPa AT 28 DAYS, PROVIDE SONOTUBE FOR ENTIRE DEPTH OF FOOTING.

COMPACTED SUBSOIL TO 95% SP.MDD.
NOTES:
1) PIPES SIZES ARE FOR REFERENCE ONLY. SIZING TO BE CALCULATED BASED ON SITE SPECIFICS.
2) IRRIGATION SYSTEM SHOULD ALSO INCLUDE THE FOLLOWING: RAIN SENSOR, CONTROLLER, BACKFLOW PREVENTER AND WATER METER

LEGEND:
○ SPRINKLER HEAD
○ ELECTRIC CONTROL VALVE
○ QUICK COUPLING VALVE
○ FROST-PROOF WINTER HYDRANT
NOTES:

1) SUB-SURFACE DRAINAGE AS PER PLANS
2) INFIELD MATERIAL TO BE 200mm DEEP WASHINGTON BALL MIX INFILLED CLAY BY MAR-CO. OR APPROVED EQUAL ON 100mm DEEP 15mm Ø CRUSHER RUN LIMESTONE PLACE COMPACTED TO 98% SPD.
3) WARNING TRACK TO BE 100mm DEEP WASHINGTON BALL MIX INFILLED CLAY BY MAR-CO. OR APPROVED EQUAL ON 100mm DEEP 16mm Ø CRUSHER RUN LIMESTONE. PLACE AND COMPACT TO 98% SPD.
4) PREFERRED ORIENTATION: A LINE RUNNING FROM HOME PLATE TO 2ND BASE SHOULD POINT 10° EAST OF NORTH.
EXTENT OF DIAMOND INFIELD AREA (REFER TO LAYOUT DETAIL 1/6)

MAIN POSTS(C) 70mm OD.
TYPICAL GALVANIZED PIPE

MAIN POSTS(A) 168mm OD.
TYPICAL GALVANIZED PIPE

MAIN POSTS(B) 114mm OD.
GALVANIZED STEEL PIPE

CANTILEVER OVERHANG CONTINUOUS PIPE TO OD.
GALVANIZED STEEL PIPE

HOME PLATE

PLAYER OPENINGS

LINE FENCE

PLAYER PENCH

6000  6000  6000  9000  9000  27000

STANDARD DETAIL

SCH. NO. 117

DATE 2009

TOWN OF EAST GWILLIMBURY

SENIOR SOFTBALL FIELD BACKSTOP FENCE - DETAIL (1 OF 4)
Fabric this side

Welded fitting support shop drawing to be submitted for approval

Welded end cap

Finished grade

800mm Sonotube formed concrete footing 200mm deep
STRUCTURAL NOTES

A MAIN POSTS 168mm (6-1/2") OD GALVANIZED STEEL PIPE
B MAIN POSTS 114mm (4-1/2") OD GALVANIZED STEEL PIPE
C MAIN POSTS 90mm (3-1/2") OD GALVANIZED STEEL PIPE
D RAILS 64mm (2-1/2") OD GALVANIZED STEEL PIPE
E RAILS 48mm (2") OD GALVANIZED STEEL PIPE
F END CAPS ALL END CAPS MUST BE WELDED IN PLACE
G MESH OVERHANG CHAIN LINK FABRIC FOR BACKSTOP, WINGS AND PLAYERS ENCLOSURE TO BE 50mm (2") MESH OF GALVANIZED STEEL, 6 GAUGE WIRE, EDGES KNUCKLED UNDER

GENERAL NOTES

1) ALL POSTS, RAILS, CAPS, ELBOWS AND OTHER JOINTS MUST BE WELDED.
2) TOP RAIL OF OVERHANG MUST BE CONTINUOUS PIPE.
3) CHAIN LINK FABRIC TO BE ATTACHED TO INSIDE OF BACKSTOP SCREEN AND THE TOP OF OVERHANG.
4) FABRIC OF OVERHANG TO EXTEND 25mm BEYOND PIPE FRAME.
5) TENSION BANDS TO BE 400mm 0/C, BOLT ENDS TO BE AT BACK OF BACKSTOP SCREEN.
6) 9 GAUGE WIRE TIES TO BE 300mm 0/C WRAPPED TWICE THROUGH MESH.
7) ALL STEEL PIPE TO BE SCHEDULE 40 GALVANIZED.
NOTES:
1) PIPE SIZES ARE FOR REFERENCE ONLY. SIZING TO BE CALCULATED BASED ON SITE SPECIFICS.
2) IRRIGATION SYSTEM SHOULD ALSO INCLUDE THE FOLLOWING: RAIN SENSOR, CONTROLLER, BACKFLOW PREVENTER AND WATER METER

LEGEND:
○ SPRINKLER HEAD
○ ELECTRIC CONTROL VALVE
○ QUICK COUPLING VALVE
○ FROST-PROOF WINTER HYDRANT
Provide vandal-proof cap fastener.

Foul pole 75mm OD, 3650mm high.

Homerun fence - see detail no. III.

Terminal corner straining or gate post, set into concrete footing.

300mm footing sonotube formed @ min. 1200mm depth.

32MPa @ 28 days.
NOTE:

1. ORIENTATION: HOME PLATE TO CENTRE FIELD - N/NE
2. ALL DIMENSIONS IN MILLIMETRES OR METRES UNLESS OTHERWISE NOTED
NOTE:

1. ORIENTATION: GENERALLY NORTH/SOUTH
2. SOCCER PITCHES TO BE CENTRE CROWNED WITH MIN. 1% GRADE
NOTES:
1. SCORE MASTER MODEL SVM2400-PC GOAL OR APPROVED EQUIVALENT. COMPLETE WITH 1½" PORTABLE GROUND ANCHOR PEGS AND NET CLIPS. PROVIDE BACK BOTTOM BAR.
2. NETTING COLOUR TO BE ORANGE, POLYETHYLENE, 5 1/2" MESH, ROPE SIZE 3mm, TWISTED STYLE.
3. SHOP DRAWINGS TO BE APPROVED BY CONSULTANT.

NOTES: 1. SCORE MASTER GOAL 6.5' x 1.5', OR APPROVED EQUIVALENT. COMPLETE WITH GROUND ANCHORS FOR PORTABLE GOALS, AND NET FASTENER. NET TO BE MODEL NO. JR-12A. PROVIDE BACK BOTTOM BAR.
2. THIS GOAL MUST BE ANCHORED AT ALL TIMES.
3. SHOP DRAWINGS TO BE APPROVED BY CONSULTANT.
NOTES:
1) PIPE SIZES ARE FOR REFERENCE ONLY. SIZING TO BE CALCULATED BASED ON SITE SPECIFICS.
2) IRRIGATION SYSTEM SHOULD ALSO INCLUDE THE FOLLOWING: RAIN SENSOR, CONTROLLER, BACKFLOW PREVENTER AND WATER METER

LEGEND:
○ SPRINKLER HEAD
⊙ ELECTRIC CONTROL VALVE
● QUICK COUPLING VALVE

SENIOR SOCCER PITCH
TYPICAL IRRIGATION LAYOUT
(SCHEMATIC)
NOTE:
1. ORIENTATION: GENERALLY NORTH/SOUTH
ALUMINUM BACKREST, NATURAL COLOUR, 5000 LONG, WITH CAPPED ENDS AND TUBULAR SUPPORTS, 1200 OC.

ALUMINUM BENCH, NATURAL COLOUR, 5000 LONG, WITH CAPPED ENDS.

T' BRACKET WELDED TO PIPE AND BOLTED TO BENCH, HOT DIP GALVANIZED

SUPPORT PIPES, 600 OC., 1065 LONG, SPACED 1200 OC., HOT DIP GALVANIZED

POURED CONCRETE FOUNDATION 32MPa AT 28 DAYS

COMPACTED SUBSOIL TO 98% S.P.D.

NOTE:
BENCH TO BE ALUMIN-A-PLANK, BY W.M. REYNOLDS LTD. CAMBRIDGE, ONTARIO TEL. 1-519-658-9721 OR APPROVED EQUIVALENT

Players Bench - Soccer

STANDARD DETAIL

APPROVED

DRAW. No.

REVISION No.

DATE 2008

Town of East Gwillimbury
FOOTING OF BLEACHER TO BE LAG BOLTED TO TIMBER.

REFER TO PLAN FOR SURFACE TREATMENT.

MOUNT BLEACHER FRAME ON CONCRETE PAD.

PERFORATED BLACK POLYETHYLENE LAID UNDER AREAS OF CRUSHER RUN LIMESTONE BENEATH BLEACHERS.

19mm CRUSHER RUN LIMESTONE COMPACTED TO 98% S.P.D.

COMPACTED SUBSOIL TO 95% S.P.D.

SECTION A-A
N.T.S.

CONCRETE PAD

SECTION / ELEVATION
120

NOTES:

1. THE MANUFACTURER OF THE BLEACHERS MUST BE CERTIFIED BY THE CANADIAN WELDING BUREAU.

2. BLEACHERS TO BE IN ACCORDANCE WITH THE ONTARIO BUILDING CODE.

3. RECOMMENDED MANUFACTURER: W.H. REYNOLDS LTD. BLEACHERS, CAMBRIDGE ONTARIO, MODEL CHANNEL BEAM 27, 5500 LONG OR APPROVED EQUIVALENT.

MULTI-TIER METAL BLEACHER

STANDARD DETAIL

131

2009
1. The manufacturer of the bleachers must be certified by the Canadian Welding Bureau.
2. Bleachers to be in accordance with the Ontario building code.
3. Recommended manufacturer:
   W.H. Reynolds Ltd. Bleachers, Cambridge Ontario
   or approved equivalent

4. Seat boards to be 2" x 10" x 12'0" clear anodized Alum-A-Plank.
5. Double foot boards 2" x 10" x 12'0" mill finished Alum-A-Plank.
6. Bleacher frames spaced @ 6'0" centers (max), hot dipped galvanized after fabrication.
7. (2) Cross brace sets in every other bay.
8. All steel understructure, hardware and fasteners shall be hot dipped galvanized.
9. Each bleacher frame mounted on recycled plastic 2" x 6" x 90' skids/sleepers.
10. Guards to be provided on ends and back, hot dipped galvanized after fabrication and shall conform to OBC regulations.
11. Shop drawings are required.
NOTE:
ENTIRE SURFACE TO BE COLOUR COATED WITH PLEXIFAVE OR EQUIVALENT, SEE SPECIFICATIONS

FOR ASPHALT SURFACE, SEE 138

FOR BACKBOARD AND POST SEE 137
NOTE

ENTIRE SURFACE TO BE COLOUR COATED WITH PLEXIPAVE OR EQUIVALENT, SEE SPECIFICATIONS

BASKETBALL COURT ASPHALT PAVING
REFER TO MUNICIPAL STANDARD DETAIL 138

BASKETBALL BACKBOARD AND POST
REFER TO MUNICIPAL STANDARD DETAIL 137

PAINTED LINE

PARK PATHWAY – WIDTH AND ORIENTATION
AS SHOWN ON LAYOUT DRAWING
Elevation 'B'
Basketball Backboard

Supplier: Belair Recreational Products
PO Box 244, Paris, ON N3L 3G2
1-800-381-6318

Post/Backboard/Hoop to be Paris Model # 10001119 or approved equivalent. Low noise insulated.

Elevation - Section

Basketball court surface, see specifications.

Aluminum chain net, Model # 200007127 or approved equivalent.

Backboard to be white.

Circle to be red.

1 - 10M Re-Bar welded to post.

Anchor 1500 x 450mm poured concrete sonotube footing 32 MPa @ 28 days.

3 - 15M Re-Bar.

Compacted subsoil to 95% SPD.
DROP SHOT BY LANDSCAPE STRUCTURES, MODEL NO. 100042A PROVIDE SHOP DRAWINGS

BASKETBALL COURT SURFACE, SEE DETAIL 5/D2.

1 - 10M RE-BAR WELDED TO POST

1500x150mm² POURED CONCRETE SONOTUBE FOOTING

3 - 15M RE-BAR

STANDARD DETAIL

Basketball Drop Shot

Town of East Gwillimbury

Approved by: [Signature]
Council Date: [Date]

Revision No.: [Revision Number]

Date: [Date]
NOTE:

1-ENSURE THAT ALL ORGANIC MATTER IS REMOVED FROM THE EXCAVATED WALKWAY PRIOR TO PLACING LIMESTONE FINES.

2-ALL LINES TO BE PAINTED WHITE AND 50mm WIDE.

3-WHEN MASKING OFF LINES WITH TAPE, DO NOT CUT TAPE ON SURFACE.
ASPHALT TENNIS COURT
REFER TO [4]

3050mm HIGH CHAINLINK FENCE AND TENNIS COURT BUILT TO SPECIFICATIONS

ROW OF 100x200mm UNIT PAVING AROUND COURT PERIMETER—SEE [4]

NOTE:

1. ALLEY SPACE BETWEEN COURTS IN BATTERY LAYOUT TO BE 3050.

2. ORIENT COURTS LENGTHWISE NORTH/SOUTH.

Plan—
2 in Battery

Plan—
3 in Battery

Plan—
4 in Battery

TENNIS COURT LAYOUT PLAN

STANDARD DETAIL

APPROVED

DRAWN NO.

REVISION NO.

DATE 2000

Town of East Gwillimbury
60mm Ø O.D. LINE POST
43mm Ø O.D. TOP RAIL

DOME CAP

BLACK PAINT
30mm Ø TERMINAL POSTS
TO BE INSTALLED AT
CORNERS AND GATES

SALV STEEL
TENSION BAR

43mm Ø BRACE TO BE INSTALLED
AT ENDS AND GATE, AND BE
SPACED MIDWAY BETWEEN TOP RAIL
AND BOTTOM RAIL

43mm Ø RAIL

POURED CONCRETE FOUNDATION
92MPa @ 28 DAYS

NOTE:
1. CHAINLINK FENCE FABRIC,
40mm 9 GAUGE BLACK VINYL
2. FINISHES: BLACK

GATE

GATE LATCH

TENSION BAR BAND

120

120

3000

120

3000

120

3000

120

3000
1. Ensure that all organic matter is removed from the excavated court prior to placing granular.
2. All lines to be painted white and 50mm wide.
NOTES:
1. POST SLEEVE TO BE SUPPLIED COMPLETE WITH MALLEABLE IRON PLUGS.
2. NET POST SHALL BE EDWARD'S CLASSIC POST WITH INTERNAL BRASS WINDING MECHANISM OR APPROVED EQUAL.

SECTION OF PIPE COLLAR