6 mm steel plate cap continuous seam weld to top of post. Grind all exposed edges and welds smooth. Provide 1% slope.

100 mm Ø OD. steel pipe

Grade

250 mm Ø poured in place concrete footing 25 MPa at 28 days.

Note:
All steel elements shall be hot dipped galvanized and finished with primer and two coats of semi-gloss epoxy black enamel.
150 mm schedule 40 removable steel round pipe.

125 mm removable/lockable stainless steel pin c/w 'masterlock' 0464 (locks to be supplied by town)

Grade

Refer to layout drawings for surface information.

125 mm Ø schedule 40 steel pipe set in concrete footing. Pack with concrete to to finished grade. Provide hole to receive pin and drain holes at base.

300 mm Ø poured concrete footing 25 MPa at 28 days.

Compacted subgrade 95% s.P.M.D.

Note:

All steel elements shall be hot dipped galvanized and finished with primer and two coats of semi-gloss epoxy black enamel.
STEEL PIPE BIKE RACK BY HENDERSON RECREATION, MODEL TRIO, COLOUR BLACK OR APPROVED EQUIVALENT.

7/16" Ø HOLES FOR 3/8" REBAR (BY INSTALLER)

300mm Ø CONCRETE FILLED SONOTUBE FOOTING

PLAN

SECTION

BICYCLE RACK
NOTES:

1. 6mm holes are to permit gases to escape during galvanizing.
2. Concrete to be 20MPa, after 28 days.
3. Hand rail to be hot-dipped galvanized after fabrication in conformance with CSA O-164.
4. All exposed corners to be ground smooth.
5. All dimensions are in millimetres unless otherwise shown.
6. Lock to be supplied to Town of East Gwillimbury
CENTRAL BOLLARD STEEL PIPE
NPS 5, 125mm, OD 141.3mm SEATED
IN FULL DEPTH OF SOCKET.

TYPICAL SIDE HOOPS STEEL PIPE
NPS 2, 50mm, OD 60.3mm
FULLY WELDED TO CENTRAL PIPE.

TYPICAL SIDE BOLLARDS
STEEL PIPE NPS 6, 150mm
OD 168.3mm

800 (TYP)

1900

1000

500

125mm REMOVABLE/LOCKABLE
STAINLESS STEEL PIN
C/N 'MASTERLOCK' D46A
(LOCKS TO BE SUPPLIED BY TOWN)

NOTE
ALL STEEL ELEMENTS SHALL BE HOT DIPPED GALVANIZED

BOLLARD SOCKET
@50mm, OD 168.3mm

1200 (TYP)

600 (TYP)

375

375

975mm Poured in place
Concrete footing
25 MPa MIN at 28 days

SURFACING GENERALLY ASPHALT
INCLUDE FOR CLEAN CUTS AND
REINSTATEMENT REFER TO LAYOUT
DRAWING FOR SURFACE INFORMATION

REFLECTIVE PLASTIC TAPE GLUED TO POST

STANDARD DETAIL

BOLLARD BARRIER

405

2009
NOTES:

1. All steel components are Maglin powder paint as per manufacturers specifications.

2. Bench colour to be black unless otherwise indicated.

3. The bench is delivered pre-assembled. Holes (0.5") are provided in each foot for securing to base. Contractor to provide hardware for installation.

4. The backless bench is model # MLB510B
PREFABRICATED RECYCLING STATIONS:
BY MAGLIN SITE FURNISHINGS
MODEL MRC912-2, 23 GALLONS
CAPACITY OR APPROVED EQUIVALENT.

PREFABRICATED WASTE RECEPTACLE:
BY MAGLIN SITE FURNISHINGS MODEL
MLWR9012-32M, 32 GALLONS CAPACITY
OR APPROVED EQUIVALENT.

200mm DEEP CONCRETE FOUNDATION

REFER TO PLAN AND DETAILS FOR ADJACENT SURFACE TREATMENT

150mm DEPTH GRANULAR 'A' COMPACTED TO 95% SPDD.

ANCHOR BOLT NUTS AND CAPS. ALL FASTENERS TO BE HOT-DIPPED GALVANIZED

COMPACTED SUBGRADE TO 95% SPD.
MATERIALS:

THE RECYCLING STATION FRAME CONSTRUCT USING HEAVY DUTY STEEL FLATBAR. PROVIDE 20 IMPERIAL GALLON COMMERCIAL GRADE PLASTIC LINERS AND BLACK MOLDED PLASTIC LID.

FINISH:

ALL STEEL COMPONENTS ARE PROTECTED WITH E-COAT RUST PROOFING.

INSTALLATION:

THE RECYCLING STATION IS DELIVERED PRE-ASSEMBLED. HOLES (0.5") ARE PROVIDED IN EACH MOUNTING FOOT FOR SECURING TO BASE.

NOTE:

1. RECYCLING STATIONS BY MAGLIN SITE FURNITURE INC. (MRC 202) OR APPROVED EQUIVALENT.
MATERIALS:

THE RECYCLING STATION FRAME CONSTRUCT USING HEAVY DUTY STEEL FLATBAR PROVIDE A 32 IMPERIAL GALLON COMMERCIAL GARDE PLASTIC LINERS AND SPUN METAL LID.

FINISH:

ALL STEEL COMPONENTS ARE PROTECTED WITH E-COAT RUST PROOFING.

INSTALLATION:

THE TRASH CONTAINER IS DELIVERED PRE-ASSEMBLED. HOLES (0.5") ARE PROVIDED IN EACH MOUNTING FOOT FOR SECURING TO BASE.

NOTE:

1. RECYCLING STATIONS BY MAGLIN SITE FURNITURE INC. (MRC 202) OR APPROVED EQUIVALENT.
915mm (36") x 940mm (37")
SINGLE SIDED
NON ILLUMINATED
PLASTIC SIGN IN
ALUMINUM FRAME
& BOX WITH
100mm (4") X 100mm (4")
STEEL POSTS

300mm DIA. POURED
CONCRETE FOOTING
25MPa AT 28 DAYS.

COMPACTED
SUBGRADE

FRAME & POSTS
TO BE BLACK

32mm (1 1/4") TUBE

SIGN BY FONOTASY
OR APPROVED EQUIVALENT

915mm (36")
NOTE:

1. SIGNAGE DISTRIBUTED BY FONTASY SIGN & DISPLAY INC. OR APPROVED EQUIVALENT.
NOTES
1. ALL DIMENSIONS IN MILLIMETRES.
2. CONCRETE TO BE 25MPA CLASS 'A' CONCRETE MAX. CEMENT/WATER RATIO 0.5% AT 28 DAYS 6% AIR ENTRAINMENT.
35mm PAINTED RELIEF LINES
PRE-FAB O2.0 LEXAN SIGNAGE BY OTHERS
SIGN WIDTH: 154mm
a - HEIGHT = 223±
b - HEIGHT = 51±

12.5mm CHAMFERED EDGE

190mm SQ. CEDAR POST WITH TWO COATS OF APPROVED STAIN

10mm DIA. CRUSHER RUN LIMESTONE COMPACTED TO 98% S.P.M.D.D.

NOTE:
- POST ORIENTATION TO BE STAKED OUT ON-SITE BY LANDSCAPE ARCHITECT
REFER TO TOWN DETAIL #414 FOR PRECAST CONCRETE CAP ENLARGEMENT.

15mm DIA X 300 GALVANIZED STEEL DOWEL IN CAP

30MPa CONCRETE FILLED CONCRETE BLOCK (190x190x190) REINFORCED WITH 15Ø VERT. REBARS INTO WALL CORE EPOXY COATED

"DRystack Ledgestone" by "Culture Stone"

PRECAST CONCRETE PLINTH

CONCRETE FOUNDATION

FINISH GRADE

15Ø VERTICAL REBAR @ 300mm

15Ø HORIZONTAL @ 250mm O.C.

CONCRETE FOOTING 30MPa TO UNDISTURBED SOIL

15Ø STIRRUPS @ 250mm