<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF-1</td>
<td>Site Furnishings Trash Barrel With Stand</td>
<td>Jan/99</td>
</tr>
<tr>
<td>LF-2A</td>
<td>Site Furnishings Wood Bollard</td>
<td>Jan/99</td>
</tr>
<tr>
<td>LF-2C</td>
<td>Site Furnishings Removable Wood/Steel Bollard</td>
<td>Mar/00</td>
</tr>
<tr>
<td>LF-2D</td>
<td>Site Furnishings Removable Wood/Steel Bollard-Sections &amp; Details</td>
<td>Jul/05</td>
</tr>
<tr>
<td>LF-3B</td>
<td>Site Furnishings Bench\Trash Bin Layouts</td>
<td>May/04</td>
</tr>
<tr>
<td>LF-3D</td>
<td>Site Furnishings Bench With Tactile Markings</td>
<td>Dec/03</td>
</tr>
<tr>
<td>LF-5A</td>
<td>Site Furnishings Tower Sign Detail</td>
<td>???/99</td>
</tr>
<tr>
<td>LF-5B</td>
<td>Site Furnishings Tower Sign Detail</td>
<td>Mar/98</td>
</tr>
<tr>
<td>LF-5C</td>
<td>Site Furnishings Tower Sign Elevation</td>
<td>Mar/98</td>
</tr>
<tr>
<td>LF-6</td>
<td>Light Standard</td>
<td>Nov/04</td>
</tr>
<tr>
<td>LF-7A</td>
<td>Site Furnishings Swing Gate Detail</td>
<td>Feb/10</td>
</tr>
<tr>
<td>LF-7B</td>
<td>Site Furnishings Swing Gate Detail</td>
<td>Feb/10</td>
</tr>
<tr>
<td>LF-7C</td>
<td>Site Furnishings Swing Gate Detail</td>
<td>Feb/10</td>
</tr>
<tr>
<td>LF-7D</td>
<td>Site Furnishings Swing Gate Detail</td>
<td>Feb/10</td>
</tr>
<tr>
<td>LI-1</td>
<td>Low Voltage Elec. Splice Box</td>
<td>Jul/04</td>
</tr>
<tr>
<td>LI-2</td>
<td>Quick Coupler</td>
<td>Jul/04</td>
</tr>
<tr>
<td>LI-3A</td>
<td>Landscape Construction Standards – Irrigation</td>
<td>Jul/04</td>
</tr>
<tr>
<td>LI-3B</td>
<td>Pre-Manufactured 'O-Ring' Swing Joint</td>
<td>Jul/04</td>
</tr>
<tr>
<td>LI-3C</td>
<td>Triple Swing Joint</td>
<td>Jul/04</td>
</tr>
<tr>
<td>LI-4A</td>
<td>50mm or Less Electric Valve</td>
<td>Jul/04</td>
</tr>
<tr>
<td>LI-4B</td>
<td>Threaded 300 W.O.G Gate Valve-50mm or Less</td>
<td>Jul/04</td>
</tr>
<tr>
<td>LI-4C</td>
<td>Flange 300 W.O.G Gate Valve-75mm or Less</td>
<td>Jul/04</td>
</tr>
<tr>
<td>LI-4D</td>
<td>Flange 300 W.O.G Gate Valve-75mm or Greater</td>
<td>Jul/04</td>
</tr>
<tr>
<td>LI-5A</td>
<td>Irrigation Control Box Pedestal Mounted</td>
<td>Jan/05</td>
</tr>
<tr>
<td>Drawing Code</td>
<td>Description</td>
<td>Date</td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>LI-5B</td>
<td>Irrigation Control Box Wall Mounted</td>
<td>Jan/05</td>
</tr>
<tr>
<td>LI-5C</td>
<td>Irrigation Control Box Interior Layout</td>
<td>Feb/05</td>
</tr>
<tr>
<td>LI-6</td>
<td>Weeping Tile Cleanout Access Cylinder</td>
<td>Jul/04</td>
</tr>
<tr>
<td>LM-1A</td>
<td>Miscellaneous Details Chainlink Fence Detail</td>
<td>Jan/99</td>
</tr>
<tr>
<td>LM-1B</td>
<td>Miscellaneous Details Chainlink Fence Detail</td>
<td>Jan/99</td>
</tr>
<tr>
<td>LP-1C</td>
<td>Coniferous Tree Planting Detail-B&amp;B (Pit)</td>
<td>Oct/04</td>
</tr>
<tr>
<td>LP-1E</td>
<td>Coniferous Tree Planting Detail-Tree Spade</td>
<td>Oct/04</td>
</tr>
<tr>
<td>LP-2C</td>
<td>Deciduous Tree Planting Detail-B&amp;B (Pit)</td>
<td>Oct/04</td>
</tr>
<tr>
<td>LP-2F</td>
<td>Deciduous Tree Planting Detail-Tree Spade</td>
<td>Oct/04</td>
</tr>
<tr>
<td>LP-2I</td>
<td>Deciduous Tree Planting Detail in School Yard-Tree Spade</td>
<td>Oct/04</td>
</tr>
<tr>
<td>LP-5</td>
<td>Sidewalk Tree Planting Detail</td>
<td>Jul/02</td>
</tr>
<tr>
<td>LP-6A</td>
<td>Median Tree Planting Detail-Continuous Soil Trench</td>
<td>Oct/04</td>
</tr>
<tr>
<td>LP-7</td>
<td>Tree &amp; Shrub Planting Details-B&amp;B Trees &amp; Container Shrub in Bed</td>
<td>May/98</td>
</tr>
<tr>
<td>LP-10</td>
<td>Beaver Guard</td>
<td>Feb/10</td>
</tr>
<tr>
<td>LS-3A</td>
<td>Surface Details Timber Edge &amp; Corner Detail</td>
<td>Sep/01</td>
</tr>
<tr>
<td>LS-3B</td>
<td>Surface Details Timber Edge &amp; Corner Detail</td>
<td>Sep/01</td>
</tr>
<tr>
<td>LS-3C</td>
<td>Surface Details Above Grade Timber Edge &amp; Corner Detail</td>
<td>Sep/01</td>
</tr>
<tr>
<td>LS-6A</td>
<td>Surface Detail Asphalt Pathway Detail (Type A)</td>
<td>Sep/99</td>
</tr>
<tr>
<td>LS-6B</td>
<td>Surface Detail Asphalt Pathway Detail (Type B)</td>
<td>Jan/99</td>
</tr>
<tr>
<td>LS-7</td>
<td>Typical Pathway Ramp @ MidBlock Crossing</td>
<td>Oct/02</td>
</tr>
</tbody>
</table>
480 DIA. METAL BARREL
PAINTED DARK GREEN

WELD 10M REBAR
TO BARREL

140X140 PT TIMBER

LAG BOLT 6.4 THICK METAL
BRACKET TO POST

FINISH GRADE

AGGREGATE

ALLIED
PROFESSIONAL
WEED BARRIER 800

COMPACTED NATIVE
BACKFILL (300 DIA.)

COARSE AGGREGATE

SECTION

REBAR
POST

BARREL

BOTTOM OF BARREL

\( \frac{3}{8} \) EXPANDED METAL
WELDED ON TO ALLOW
FOR DRAINAGE.

AGGREGATE

PLAN

LANDSCAPE CONSTRUCTION STANDARDS
SITE FURNISHINGS
TRASH BARREL WITH STAND

Designed By: KEN KABATOFF
Approved:

City of Regina
REGINA
Infinite Horizons

Date
Feb-2010
Chg to mesh bottom & paint color, titleblock

Revisions
By MF

Date
5-Aug-10
Scale NTS

Digital File
LF-1 - Trash Barrel With Stand.dwg
140x140 PT TIMBER

MOULD NATIVE
BACKFILL FOR DRAINAGE

FINISHED GRADE

COMPACTED NATIVE
BACKFILL

COMPACTED
GRANULAR

SECTION
WOOD BOLLARD CUT TO FIT
150X150X5mm THICK
STEEL CAP WELDED TO TUBE
ALL WELDS GROUND SMOOTH
HOLES PREDRILLED
TO ACCEPT BOLTS
ALL FOUR SIDES
CHAIN LOCKED TO BOLLARD
WITH CITY OF REGINA
STANDARD PAD LOCK
WELDED CHAIN LINK
CUT PAVEMENT TO SUIT
FINISHED GRADE

90mm SQ. X 5mm
STEEL TUBE SLEEVE
100mm CONCRETE ON
ALL FOUR SIDES
200mm GRANULAR

NOTES:
ALL WELDS AND BENDS SHALL BE
SMOOTH AND EVEN
PAINT ALL PIECES WITH SEMI-GLOSS
YELLOW TREMCLAD RUSTPROOFING
CONCRETE TO BE TYPE B
25mpa

SECTION
N.T.S.

0 26 35 40 700 700 700 786 90

115 140 140 410 410 786 786 786 786

REFLECTIVE DISC - 4 SIDES
CUT PAVEMENT TO SUIT
HOLES PREDRILLED
TO ACCEPT BOLTS
ALL FOUR SIDES
CHAIN LOCKED TO BOLLARD
WITH CITY OF REGINA
STANDARD PAD LOCK
WELDED CHAIN LINK
CUT PAVEMENT TO SUIT
FINISHED GRADE

786 786 786 786

NOTES:
ALL WELDS AND BENDS SHALL BE
SMOOTH AND EVEN
PAINT ALL PIECES WITH SEMI-GLOSS
YELLOW TREMCLAD RUSTPROOFING
CONCRETE TO BE TYPE B
25mpa

SECTION
N.T.S.
SECTION WITH BOLLARD REMOVED

CAP DETAIL

20 Slot in one side to accept chain
Concrete Pad

Bench

Tactile Markings - See E & W
Detail R-9B for size and depth of markings

300
3430
1570
500
Les Sherman Park

INFO

PILE @ 3.0m DEEP

TYPE 1 = 2500

TYPE 2 = 1900

FRONT VIEW
SIDE VIEW

ACCESS DOOR
SEE LF-5B

375

50 mm TURF

150 mm OF GRANULAR

PILE @ 3.0m DEEP

400 mm

INFO SIGN

ALL SIGNS TO BE SILK SCREEN DECALS

3mm STEEL PAINTED WITH AMERCOAT 385 DETAILS ON LF-5C

400 mm

50 mm TURF

150 mm OF GRANULAR

375
SIDE VIEW

J BAR 25 MM THICK
600 LONG TOP 50 THREADED

5/16" HOLE
PRE-DRILLED FOR 3/8" x 3/4" SELF-TAPPING SCREW (2 LOCATIONS)

10 P (3/8") TYPICAL PLATE WELDED INSIDE SIGN ALONG ALL EDGES

3MM STEEL PAINTED WITH AMERCOAT 385 DETAILS ON LF-5C

LANDSCAPE CONSTRUCTION STANDARDS
SITE FURNISHINGS
TOWER SIGN DETAIL

Designed By: KEN KABATOFF
Approved:

Date: 17-Aug-10
Scale: NTS

LF-5B

Digital File: LF-5A,B,C - Tower Sign Details.dwg
TOWER SIGN PAINT
AMERCOAT 385 - 2 PART EPOXY
PART 1:
EPOXY PRIMER RESIN - #9670701 TINTED RT 4901
PRIMER CURE - #9690701

PART 2:
EPOXY FINISH - #979000 PSX700 ENGINEERED
SILOXANE TINTED BX11188 BLUE
EPOXY FINISH CURE - #9697414 PSX700

SPEC SHEETS AVAILABLE ON REQUEST
NEW SINGLE HEAD LIGHT STANDARD
HOLOPHANE PARKPAK, BRONZE FINISH.

100mm x 100mm SQUARE STEEL POLE
C/W HANDHOLE & BRONZE FINISH.
STANDARD SERIES (4SQ. P16) AS SUPPLIED BY ECCOL ELECTRIC,
REGINA, OR APPROVED EQUAL.

ANCHOR BOLTS, BASE PLATE & CAST STEEL BOLT COVER.

25mm dia. PVC STUBBED THROUGH CENTRE OF PILE TO INTERIOR OF STANDARD.

LIGHT STANDARD FEED DIRECT BURY,
1m DEEP.

25 MPa CONCRETE BASE, 4 - 15m REBAR VERTICAL AND 10m TIES AT 300mm ON CENTRE.
4 TIMBER BOLLARDS @ 1.8m o.c.

SWING GATES (TYP.)

3 TIMBER BOLLARDS @ 1.8 o.c.

6.0 TO BACK OF CURB  3.66
Assembled Swing Gate

Ground Level

Ground Sleeve
See LF-7C, Detail B

See Expanded View

Expanded View
1" Diameter Solid Steel Rod

Weld One Flat Iron to Main Gate Pipe & One to Locking Rod

Padlock Tab See Detail E

Locking Rod Sleeve See Detail C

Detail A - Main Gate

Detail C - Locking Rod

Padlock Tab See Detail E

1" Diameter Solid Steel Rod

Weld One Flat Iron to Main Gate Pipe & One to Locking Rod

Detail E - Padlock Tabs

Detail B - Ground Sleeve

LANDSCAPE CONSTRUCTION STANDARDS
SITE FURNISHINGS
SWING GATE DETAILS

City of Regina | REGINA

Aug-2010 Titleblock, locking rod, section details MF

Designated By: KEN KABATOFF
Approved: NTS

Date Scale
Aug-10 LF-7A - Swing Gate Detail.dwg
Detail D - Locking Rod Sleeve

Side View

Top View

25 mm

31.75 mm ID

25 mm

Detail F - Disc Assembly

Swing Gate Main Pipe

Disc on Gate Disc on Ground Sleeve Assembled Disc Unit

255 mm

12.5 mm

255 mm

12.5 mm

255 mm
CARSON INDUSTRIES
#910 JUNCTION BOX

PLAN

3M DBY/DBR WIRE CONNECTORS

SERVICE LOOP MIN LENGTH 600mm

150mm PEA GRAVEL

COMPACTED OR UNDISTURBED SOIL

ELEVATION
FINISHED GRADE QUICK COUPLER
CARSON INDUSTRIES #910 JUNCTION BOX
MALE ADAPTER (TYP.)
MAIN LINE LENGTH AS REQUIRED
ALL FITTINGS TO BE 25MM SCHEDULE 80 PVC OR A MANUFACTURED 'O' RING SWING JOINT
150mm PEA GRAVEL
BRASS SADDLE
MAIN LINE SEE SPECS. FOR DEPTH

1m LONG 10M REBAR
2 HAS 36 S.S HOSE CLAMPS

ELEVATION
LATERAL LINE

IRRIGATION HEAD

SWING JOINT

300 MIN.

FINISHED GRADE

IRRIGATION HEAD

19mm Ø ELBOW

19mm Ø POLY PIPE

HOSE CLAMP (TYP.)

LATERAL LINE

PLAN VIEW

ELEVATION

SADDLE
1) INSTALL SWING JOINT TO DRAIN WATER INTO LATERAL LINE
2) USE LASCO 'O'-RING SWING JOINT SIZED TO FIT
3) SIZE OF FITTINGS SHALL BE BASED ON THE SIZE OF THE SPRINKLER INLET
4) USE BRASS FITTINGS FOR METAL SPRINKLER HEADS W/ TEFLO TAPES AT ALL CONNECTIONS

NOTES:

1) INSTALL SWING JOINT TO DRAIN WATER INTO LATERAL LINE
2) USE LASCO 'O'-RING SWING JOINT SIZED TO FIT
3) SIZE OF FITTINGS SHALL BE BASED ON THE SIZE OF THE SPRINKLER INLET
4) USE BRASS FITTINGS FOR METAL SPRINKLER HEADS WITH TEFLO TAPES AT ALL CONNECTIONS
1) Install swing joint to drain water into lateral line
2) Use brass fittings for metal sprinkler heads, w/ Teflon tape at all connections
3) Use schedule 40 P.V.C. fittings and schedule 80 P.V.C. nipples for plastic sprinkler heads.
4) Size of fittings shall be based on the size of the sprinkler inlet

NOTES:

IRRIGATION HEAD

PLAN

FINISHED GRADE

IRRIGATION HEAD

SPRINKLER INLET

ELEVATION

50.8mm Ø SADDLE C/W 2-25mm STAINLESS STEEL SCREWS

LATERAL LINE

50.8mm Ø SADDLE C/W 2-25mm STAINLESS STEEL SCREWS

LATERAL LINE

MIN 250mm
AS REQUIRED

100mm MIN.

PROVIDE SPACER

MIN. LENGTH 600mm

SERVICE LOOP

VALVE

150mm PEA GRAVEL

NOTE: CENTRE VALVE IN VALVE BOX

SECTION

100mm MIN.

SCHEDULE 80 THREADED UNION CSA APPROVED BOTH SIDES OF VALVE

100mm MIN.

PROVIDE SPACER AS REQUIRED
WITH WHEEL HANDLE

UNION COUPLING

100mm MIN.

THREADED GATE VALVE 300 W.O.G.
WITH WHEEL HANDLE

FINISHED GRADE

100mm MIN.

PROVIDE SPACER
AS REQUIRED

150mm PEA GRAVEL

NOTE: CENTRE VALVE IN VALVE BOX

SECTION
NOTE: CENTRE VALVE IN VALVE BOX

SECTION

IRRIGATION - FLANGE
300 W.O.G. GATE VALVE - 75mm OR LESS

Designed By: Approved:

Date Scale
13-Aug-10 N.T.S. LI-4C

City of Regina REGINA
Infinite Horizons

Digital File: LI-4C - Flange 300 W.O.G. Gate Valve - 75mm or Less dwg
WELD STATIONARY PLATE TO CULVERT IN 3 PLACES

4 GAUGE STEEL PLATE

2 - 200mm BUTT HINGES

32X32X5 STEEL TUBING ON UNDERSIDE OF LID (TYP)

3x25 FLATBAR ON EDGE TO CREATE A LIP

WELD STATIONARY PLATE TO CULVERT IN 3 PLACES

4 GAUGE STEEL PLATE

2 - 200mm BUTT HINGES

32X32X5 STEEL TUBING ON UNDERSIDE OF LID (TYP)

3x25 FLATBAR ON EDGE TO CREATE A LIP

FINISHED GRADE

CSA APPROVED FLANGE GATE VALVE 300 W.O.G. WITH WHEEL OR NUT OPERATION

4-100X200X400 CONCRETE BRICKS - SPACED EQUALLY AROUND THE CIRCUMFERENCE

150 PEA GRAVEL

UNDISTURBED OR COMPACTED SUBGRADE

PLAN

SECTION
NOTES:
- CABINETS ARE TO BE BOLTED TO CONCRETE USING LAG BOLTS
- CABINETS TO BE WEATHER PROOF LOCKABLE "STELPRO #3ST363612 NEMA 3R METERING CABINET"
- CABINETS MUST HAVE A HASP FOR A STANDARD PAD LOCK TO CONFORM TO CITY OF REGINA STANDARDS AND SPECIFICATIONS

INSIDE CABINET
1-TERMINAL BLOCK LARGE ENOUGH TO ACCOMODATE 10 GAUGE WIRE
ALL FIELDSTATION WIRES MUST BE LABELED
NOTES:
- CABINET IS TO BE BOLTED TO CONCRETE USING LAG BOLTS
- CABINET TO BE WEATHER PROOF LOCKABLE "STELPRO #3ST363612 NEMA 3 METERING CABINET"
- CABINET MUST HAVE A HASP FOR A STANDARD PAD LOCK TO CONFORM TO CITY OF REGINA STANDARDS AND SPECIFICATIONS

INSIDE CABINET
1-TERMINAL BLOCK LARGE ENOUGH TO ACCOMODATE 10 GUAGE WIRE ALL FIELDSTATION WIRES MUST BE LABELED

LANDSCAPE CONSTRUCTION STANDARDS

IRRIGATION
CONTROL BOX WALL MOUNT

Designed By: MF

City of Regina | Regina

Date: 17-Aug-10
Scale: N.T.S.

Digital File: LI-5B - Wall Mount Control Box.dwg
**TERMINAL BLOCK**

**MAIN SERVICE ENCLOSURE - IRRIGATION**

**DUPLEX RECEPTACLE**

**FOR SCORPIO UNIT**

**SCORPIO CONTROLLER**

**ANTENNA**

**BOLT CABINETS TOGETHER FROM INSIDE**

**BRIDGE LUMINARIE CONTACTOR**

30 AMP, 24 VAC, 4-POLE

PROVIDED BY DIVISION 16.

CONNECTIONS TO SCORPIO UNIT.

**PADLOCKABLE WEATHERPROOF ENCLOSURE**

900mm X 900mm X 300mm

SECURE FOOT MOUNTS ONTO CONCRETE SLAB RING. PROVIDE PILES AS NOTED.

ENCLOSURE SHALL UTILISE KEY-LOCKABLE HANDLE

CONFIRM FINAL PLACEMENT ON SITE WITH OWNER.

**120/240 1Ø 3w DISTRIBUTION PANEL C/W 100A MAIN BREAKER**

**DUPLEX RECEPTACLE GENERAL PURPOSE**

**MAIN SERVICE ENCLOSURE - POWER**

**BOLT CABINETS TOGETHER FROM INSIDE**

**METER SOCKET, COORDINATE METER**

INSTALL WITH SASKPOWER.

PROVIDE FIELD INSTALLED LEXAN WINDOW KIT FOR VIEWING METER FROM BACK OF ENCLOSURE.

SUPPORT METER WITHIN ENCLOSURE FOR VIEWING METER FROM BACK OF ENCLOSURE.

**PADLOCKABLE WEATHERPROOF ENCLOSURE**

900mm X 900mm X 300mm

SECURE FOOT MOUNTS ONTO CONCRETE SLAB RING. PROVIDE PILES AS NOTED.

ENCLOSURE SHALL UTILISE KEY-LOCKABLE HANDLE

CONFIRM FINAL PLACEMENT ON SITE WITH OWNER.
LANDSCAPE CONSTRUCTION STANDARDS

IRRIGATION

WEEPING TILE CLEANOUT ACCESS CYLINDER

City of Regina | REGINA
Infinite Horizons

Date: 13-Aug-10  Scale: N.T.S.  LI-6

Digital File: LI-6 - Weeping Tile Cleanout Access Cylinder.dwg

Designed By:  Approved:

MF

100mm TOPSOIL

CLAY

150mm WEEPING TILE CLOTH COVERED

350mm GRANULAR

50mm SAND

150mm WEEPING TILE CLOTH COVERED

LID FLUSH WITH EXISTING SOD

CARSON INDUSTRIES #910 JUNCTION BOX

PLAN

ELEVATION

330
1220mm CHAINLINK FENCE
LINE POSTS - 47mm OR 60mm X 1820mm
CORNER POSTS - 73mm OR 89mm X 2280mm
TOP RAILS - 33.3mm OR 42.2mm X 6700mm
LINE POST CAPS - 47mm OR 60mm
CORNER POST CAPS - 73mm OR 89mm
SLEEVES - 33.3mm OR 42.2mm
RAIL ENDS - 33.3mm OR 42.2mm
CENTRE BANDS - 47mm OR 60mm - FOR LINE POSTS
CENTRE BANDS - 73mm OR 89mm - FOR CORNER POSTS
OFFSET BANDS - 73mm OR 89mm - FOR CORNER POSTS
TENSION BARS - 1220mm

1830mm CHAINLINK FENCE
LINE POSTS - 47mm OR 60mm X 2670mm
CORNER POSTS - 73mm OR 89mm X 2900mm
TOP RAILS - 33.3mm OR 42.2mm X 6700mm
LINE POST CAPS - 47mm OR 60mm
CORNER POST CAPS - 73mm OR 89mm
SLEEVES - 33.3mm OR 42.2mm
RAIL ENDS - 33.3mm OR 42.2mm
CENTRE BANDS - 47mm OR 60mm - FOR LINE POSTS
CENTRE BANDS - 73mm OR 89mm - FOR CORNER POSTS
OFFSET BANDS - 73mm OR 89mm - FOR CORNER POSTS
TENSION BARS - 1830mm

NOTE:
CONCRETE FOOTINGS SHALL BE 25 Mpa.
USE TENSION WIRE IN PLACE OF TOP RAIL
WITHIN 10 METRES OF ANY ROADWAY
NOTE: CONCRETE FOOTINGS SHALL BE 25Mpa. STRENGTH

NOTE1: STRAIN POSTS SHALL BE INSTALLED AT A SPACING OF 150mm OR LESS
THE FOOTINGS SHALL BE THE SAME FOR CORNER AND END POSTS
FENCING SHALL BE GALVANIZED STEEL

NOTE2: LOCATION OF OPENINGS TO BE DETERMINED ON SITE
16 gauge, Galvanized 50mm x 50mm Stucco Wire. Wrap section of mesh around tree and secure (See detail)

Bury bottom of mesh 50-75mm below surface. Secure to ground with rebar anchors, 300mm long with 100mm bent over to create hook. Hook over bottom horizontal wire. Drive rebar completely into ground.

Cut horizontal wires (alternating sides) and use to secure ends of wrap together.

Wrap
Cut
NO.12 WIRE WITH RUBBER HOSE AROUND TRUNK, OPENING 3x DIA OF TRUNK

METAL T-BAR (1500 - 1800mm)
STAKE (DO NOT PIERCE ROOTBALL)

100mm DEEP WATERING SAUCER (FOR ESTABLISHMENT YEAR ONLY)
-ADD 100mm WOODCHIP MULCH IN TREE WELL ON UNIRRIGATED SITES ONLY

PLANTING SOIL

FINISHED GRADE

REMOVE 1/3 OF BURLAP & TOP OF WIRE BASKET ENSURING THAT NO WIRE IS PRESENT IN THE TOP 200mm OF SOIL

SCARIFY 150 MIN. DEPTH COMPACTED PLANTING SOIL

COMPACTED MOUND TO SUPPORT ROOT BALL

NOTES:

1. DEPENDING ON SITE CONDITIONS, AS WELL AS OTHER FACTORS, STAKING MAY NOT BE REQUIRED

2. STAKES & WIRE ARE TO BE CLEAR OF BRANCHES

3. ENSURE TREES WATERED SAME DAY AS PLANTED

4. TREES TO BE TAGGED WITH CITY OF REGINA ID TAG. TAGS TO BE LOCATED ON SOUTH SIDE OF TREE ON LATERAL BRANCH, 1.5m FROM GROUND (CONTACT CITY OF REGINA TO OBTAIN TAGS)

5. REMOVE ALL WRAPPING, FLAGGING TAPE & NURSERY TAGS
NOTES:
1. DEPENDING ON SITE CONDITIONS, AS WELL AS OTHER FACTORS, STAKING MAY NOT BE REQUIRED
2. STAKES & WIRE ARE TO BE CLEAR OF BRANCHES
3. ENSURE TREES WATERED SAME DAY AS PLANTED
4. TREES TO BE TAGGED WITH CITY OF REGINA ID TAG. TAGS TO BE LOCATED ON SOUTH SIDE OF TREE ON LATERAL BRANCH, 1.5m FROM GROUND (CONTACT CITY OF REGINA TO OBTAIN TAGS)
5. REMOVE ALL WRAPPING, FLAGGING TAPE & NURSERY TAGS
WHERE APPLICABLE, ENSURE STRONG, DOMINANT LEADER IS PRESENT

NO. 12 WIRE WITH RUBBER HOSE AROUND TRUNK, OPENING 3x DIA OF TRUNK

TREE WRAP APPLIED TO A MIN HEIGHT OF 1M FOR RODENT DAMAGE PREVENTION
- APPLIED AFTER SEPT 1 OF YEAR PLANTED
- REMOVED IN MAY

TREE GUARD
FINISHED GRADE

PLANTING SOIL AS PER CITY OF REGINA SPECS

SCARIFY BOTTOM OF PLANTING PIT TO A DEPTH OF 150mm

COMPACT MOUND TO SUPPORT ROOT BALL

150 (6") MIN.

METAL T-BAR (1500 - 1800mm)
- DO NOT PIERCE ROOTBALL

100mm DEEP MIN. WATERING SAUCER (FOR ESTABLISHMENT YEAR ONLY)

ADD 75 mm WOODCHIP MULCH IN TREE WELL ON UNIRRIGATED SITES ONLY

ROLL BACK TOP 1/3 OF BURLAP & TOP OF WIRE BASKET ENSURING THAT NO WIRE IS PRESENT IN TOP 200 mm OF SOIL

NOTES:
1. DEPENDING ON SITE CONDITIONS, AS WELL AS OTHER FACTORS, STAKING MAY NOT BE REQUIRED
2. TREES 50-150 mm CALIPER TO BE STAKED x2
3. STAKES & WIRE ARE TO BE CLEAR OF BRANCHES
4. ENSURE TREES WATERED SAME DAY AS PLANTED
5. TREES TO BE TAGGED WITH CITY OF REGINA ID TAG. TAGS TO BE LOCATED ON SOUTH SIDE OF TREE ON LATERAL BRANCH, 1.5m FROM GROUND (CONTACT CITY OF REGINA TO OBTAIN TAGS)
6. REMOVE ALL WRAPPING, FLAGGING TAPE & NURSERY TAGS

LANDSCAPE CONSTRUCTION STANDARDS
LANDSCAPE PLANTING
DECIDUOUS TREE - B&B (PIT)

Designed By: RAY MORGAN
Approved:

LP-2C - Deciduous Tree Planting Detail - B&B Pit.dwg
WHERE APPLICABLE, ENSURE STRONG, DOMINANT LEADER IS PRESENT

NO. 12 WIRE WITH RUBBER HOSE AROUND TRUNK, OPENING 3x DIA OF TRUNK

TREE WRAP APPLIED TO A MIN HEIGHT OF 1000mm FOR RODENT DAMAGE PREVENTION
- APPLIED AFTER SEPT 1 OF YEAR PLANTED
- REMOVE IN MAY

100 mm (4") DEEP MIN. WATERING SAUCER (FOR ESTABLISHMENT YR. ONLY)
- ADD 75 mm WOODCHIP MULCH IN TREE WELLS ON UNIRRIGATED SITES ONLY.

FINISHED GRADE

UNDISTURBED SOIL

METAL T-BAR (1500 - 1800mm)
- DO NOT PIERCE ROOTBALL

ARBOR GUARD AG9-4

DIG TREE PIT WITH SAME EQUIPMENT AS USED TO DIG PLANT MATERIAL. SCARIFY EDGES OF PIT.

MIXTURE OF PLANTING SOIL & WATER TO BE FORCED UP SIDES OF PIT AS TREE PLUG IS INSERTED

NOTES:
1. DEPENDING ON SITE CONDITIONS, AS WELL AS OTHER FACTORS, STAKING MAY NOT BE REQUIRED
2. TREES 50-150 mm CALIPER TO BE STAKED x2
3. STAKES & WIRE ARE TO BE CLEAR OF BRANCHES
4. ENSURE TREES WATERED SAME DAY AS PLANTED
5. TREES TO BE TAGGED WITH CITY OF REGINA ID TAG. TAGS TO BE LOCATED ON SOUTH SIDE OF TREE ON LATERAL BRANCH, 1.5m FROM GROUND (CONTACT CITY OF REGINA TO OBTAIN TAGS)
6. REMOVE ALL WRAPPING, FLAGGING TAPE & NURSERY TAGS

LANDSCAPE PLANTING
DECIDUOUS TREE SPADE DETAIL

PRESENTATION STANDARDS
Designed By: RAY MORGAN
Approved:

LANDSCAPE CONSTRUCTION STANDARDS

LP-2F - Deciduous Tree Planting Detail - Tree Spade.dwg
WHERE APPLICABLE, ENSURE STRONG, DOMINANT LEADER IS PRESENT

TREE WRAP APPLIED TO A MIN HEIGHT OF 1000mm FOR RODENT DAMAGE PREVENTION
- APPLIED AFTER SEPT 1 OF YEAR PLANTED
- REMOVED IN MAY

1000mm DIA. WATERING SAUCER,
100mm DEPTH (see note #3) 2000mm DIA. PLANTING CIRCLE, REMOVE EX.
SURFACE MATERIAL TO 150mm DEPTH, REPLACE WITH PLANTING MIX TO MATCH EX GRADE

DIG TREE PIT WITH SAME EQUIPMENT AS USED TO DIG PLANT MATERIAL

UNDISTURBED SOIL

MIXTURE OF TOPSOIL & WATER TO BE FORCED UP SIDES OF PIT AS TREE PLUG IS INSERTED

NOTES:
1. STAKES: 75mm MIN. DIA., 2000mm LONG PRESSURE TREATED WOOD POSTS OR AGRICULTURAL FENCE POSTS
STAKES & WIRE TO BE CLEAR OF BRANCHES

2. ENSURE TREES WATERED SAME DAY AS PLANTED

3. DO NOT FILL WATERING SAUCER WITH MULCH

4. TREES TO BE TAGGED WITH CITY OF REGINA ID TAG. TAGS TO BE LOCATED ON SOUTH SIDE OF TREE ON LATERAL BRANCH,
1.5m FROM GROUND (CONTACT CITY OF REGINA TO OBTAIN TAGS).

5. REMOVE ALL WRAPPING, FLAGGING TAPE & NURSERY TAGS

6. WITH PERMISSION FROM FORESTRY, STAKING MAY NOT BE REQUIRED

TOP VIEW
PERFORATED 100mm Ø PIPE FILLED WITH 38mm GRANULAR (4 PER TREE) c/w FILTER SOCK

No. 4 STEEL ROD 1880mm LONG DRIVEN 600mm INTO UNDISTURBED SOIL

38mm PIT RUN GRANITE STONE

PAVEMENT VARIES

CURB & SIDEWALK

SIDEWALK

100 DEPTH Mulch

ROOT BALL

COMPACTED PLANTING SOIL

1220

200

1280
NOTE:
THIS DETAIL IS DESIGNED FOR A 3.6m WIDTH MEDIAN WITH
TREES SPACED AT 10m o/c TO ACCOMODATE 28m³ OF SOIL PER
TREE W/ 400 Ø TRUNK AT MATURITY. ANY SIGNIFICANT
VARIATIONS IN TREE SPACING OR MEDIAN WIDTH WILL REQUIRE
ADJUSTMENTS TO THE DETAIL TO MEET NECESSARY SOIL
VOLUME.

STAKE AT 45° TO CURB W/ STAKES TOWARD TRAFFIC

DENSE GRADE AGGREGATE (NO FINES)

TILL SUBGRADE TO 150 DEPTH W/ THE FIRST 150 (6") OF
PLANTING SOIL

3% CROWN

FINISHED GRADE

CONTINUOUS SOIL TRENCH W/ PLANTING SOIL MIX TO
80% DRY COMPACTION

FILTER FABRIC

DENSE GRADE AGGREGATE (NO FINES)

150 (6") Ø PERFORATED DRAIN LINE C/W FILTER SOCK.
CONNECT TO CATCH BASIN

TILL SUBGRADE TO 150 DEPTH W/ THE FIRST 150 (6") OF
PLANTING SOIL

NO.12 WIRE WITH RUBBER
HOSE AROUND TRUNK

2.4m (8') METAL T-BAR
- DO NOT PIERCE ROOTBALL
TOP 150 (6") OF STAKES TO BE PAINTED
(CODED):
- WHITE FOR ODD YEARS
- RED FOR EVEN YEARS

TREE GUARD
WATERING SAUCER

5 (1/4") Ø STONE (NO FINES)
ROLL BACK TOP 1/3 OF
BURLAP & TOP OF WIRE
BASKET ENSURING THAT NO
WIRE IS PRESENT IN TOP 200
(8") OF SOIL

CONCRETE APRON

750 EXCAVATION 5 (1/4") Ø STONE (NO FINES)
NOTES:
1. STAKES & WIRE TO BE CLEAR OF BRANCHES
2. DEPENDING ON SITE CONDITIONS AS WELL AS OTHER FACTORS, STAKING MAY NOT BE REQUIRED
3. ENSURE PLANTS WATERED SAME DAY AS PLANTED
4. TREES TO BE TAGGED WITH CITY OF REGINA ID TAG (CONTACT CITY OF REGINA TO OBTAIN TAGS). TAGS TO BE LOCATED ON SOUTH SIDE OF TREE ON LATERAL BRANCH, 1500mm FROM GROUND
5. REMOVE ALL WRAPPING, FLAGGING TAPE & NURSERY TAGS
NOTES:
TREAT ALL JOINTS & ENDS W/ 2 COATS CUPRINAL.
PURCHASE "EASED EDGE" TIMBERS THAT HAVE PRE-ROUNDED CORNERS.

SPECIFICATION:
PEASTONE: ROUNDED WASHED ROCK

ALL JOINTS & CORNERS

150 X 150 PRESSURE TREATED TIMBER

10M DIA. REBAR X 750 @ 1200 O.C. & @ ALL JOINTS & CORNERS

FINISHED GRADE

EASE CORNERS TO 25mm ROUND

300 DEEP PEA STONE (SEE SPECIFICATION)

FILTER CLOTH SECURELY STAPLED TO BOTTOM OF TIMBER (REQUIRED ONLY IF ADJACENT TO TURF AREA)

SLOPE SUB GRADE @ 2.0 % TO WEEP TILE

WEEP TILE IN FILTER CLOTH SOCK - DRAIN TILE @ CB

WEEP TILE GRAVEL BED

FINISHED GRADE

EASE CORNERS TO 25mm ROUND

150 X 150 PT. TIMBER HEADERS

LAP JOINT @ CORNERS & STAKE W/ 10M DIA. X 750 REBAR @ 1200 O.C.

EASE CORNERS TO 25mm ROUND

LS-3A - Timber Edge and Corner Detail.dwg
PURCHASE "EASED EDGE" TIMBERS THAT HAVE PRE-ROUNDED CORNERS.

NOTES:
TREAT ALL JOINTS & ENDS W/ 2 COATS CUPRINAL

SPECIFICATION:
PLEANSTONE: ROUNDED WASHED ROCK

NOTE:
PLEANSTONE: ROUNDED WASHED ROCK COMPOSED OF HARD, STRONG, DURABLE, MINERAL PARTICALS WHICH ARE FREE FROM INJURIOUS AMOUNTS OF SALINE, ALKALINE, ORGANIC OR OTHER DELETRIOUS MATERIALS, TO MEET THE FOLLOWING GRADATIONS:

<table>
<thead>
<tr>
<th>IOS SERIE SIZE</th>
<th>PERCENT PASSING</th>
</tr>
</thead>
<tbody>
<tr>
<td>12mm</td>
<td>100</td>
</tr>
<tr>
<td>5mm</td>
<td>0 - 10</td>
</tr>
<tr>
<td>2mm</td>
<td>0 - 1</td>
</tr>
</tbody>
</table>

NOTES:
TREAT ALL JOINTS & ENDS W/ 2 COATS CUPRINAL
PURCHASE "EASED EDGE" TIMBERS THAT HAVE PRE-ROUNDED CORNERS.

SPECIFICATION:
PLEANSTONE: ROUNDED WASHED ROCK
ALL JOINTS & CORNERS
140 X 140 PRESSURE TREATED TIMBER
10M DIA. REBAR X 750 @ 1200 O.C. & @ ALL JOINTS & CORNERS
TREATED TIMBER @ 1200 O.C. & @ FINISHED GRADE
300 DEEP PEA STONE FILTER CLOTH SECURELY STAPLED TO LOWER EDGE OF TOP TIMBER (REQUIRED ONLY IF ADJACENT TO TURF AREA)
SKIM SURFACE TO 75 MIN. ENSURE POSITIVE DRAINAGE ACROSS SUB-GRADE WITH RESPECT TO SURROUNDING GRADE

FINISHED GRADE
EASE CORNERS TO 25mm ROUND
300 DEEP PEA STONE (SEE SPECIFICATION)

NOTE:
PEASTONE: ROUNDED WASHED ROCK COMPOSED OF HARD, STRONG, DURABLE, MINERAL PARTICALS WHICH ARE FREE FROM INJURIOUS AMOUNTS OF SALINE, ALKALINE, ORGANIC OR OTHER DELETRIOUS MATERIALS. TO MEET THE FOLLOWING GRADATIONS:

<table>
<thead>
<tr>
<th>IOS SEIVE SIZE</th>
<th>PERCENT PASSING</th>
</tr>
</thead>
<tbody>
<tr>
<td>12mm</td>
<td>100</td>
</tr>
<tr>
<td>5mm</td>
<td>0 - 10</td>
</tr>
<tr>
<td>2mm</td>
<td>0 - 1</td>
</tr>
</tbody>
</table>

LANDSCAPE CONSTRUCTION STANDARDS

LANDSCAPE SURFACE
ABOVE GRADE TIMBER EDGE & CORNER

Designed By: Approved:

Date Scale
Digital File: LS-3C - Above Grade Timber Edge and Corner Detail.dwg
UNLESS OTHERWISE DIRECTED

2.5% MAX. IN THE DIRECTION
OF NATURAL DRAINAGE
UNLESS OTHERWISE DIRECTED

300 TYP.

VARIES SEE PLAN

CROSS SLOPE 2 - 2.5% MIN.

FINISHED GRADE

50mm ASPHALT

200mm COMPACTED
GRANULAR BASE

SECTION

COMPACTED SUBGRADE

LANDSCAPE SURFACE

ASPHALT PATHWAY DETAIL (TYPE A)

LANDSCAPE CONSTRUCTION STANDARDS

Designed By: Approved:

Date Scale

Titleblock: LS-6A - Asphalt Pathway Detail (Type A).dwg

City of Regina | REGINA

MF

Feb-2010
300 TYP.  

VARIES SEE PLAN

CROSS SLOPE 1% MIN.
3% MAX. IN THE DIRECTION
OF NATURAL DRAINAGE
UNLESS OTHERWISE DIRECTED

FINISHED GRADE

75mm ASPHALT

150mm COMPACTED
GRANULAR BASE

COMPACTED SUBGRADE

LANDSCAPE CONSTRUCTION STANDARDS

LANDSCAPE SURFACE

ASPHALT PATHWAY (TYPE B)

Designed By:  Approved:

Date  Scale  

Feb-2010  N.T.S.  LS-6B

City of Regina  Regina

Infinite Horizons

Digital File:  LS-6B - Asphalt Pathway Detail (type B).dwg