

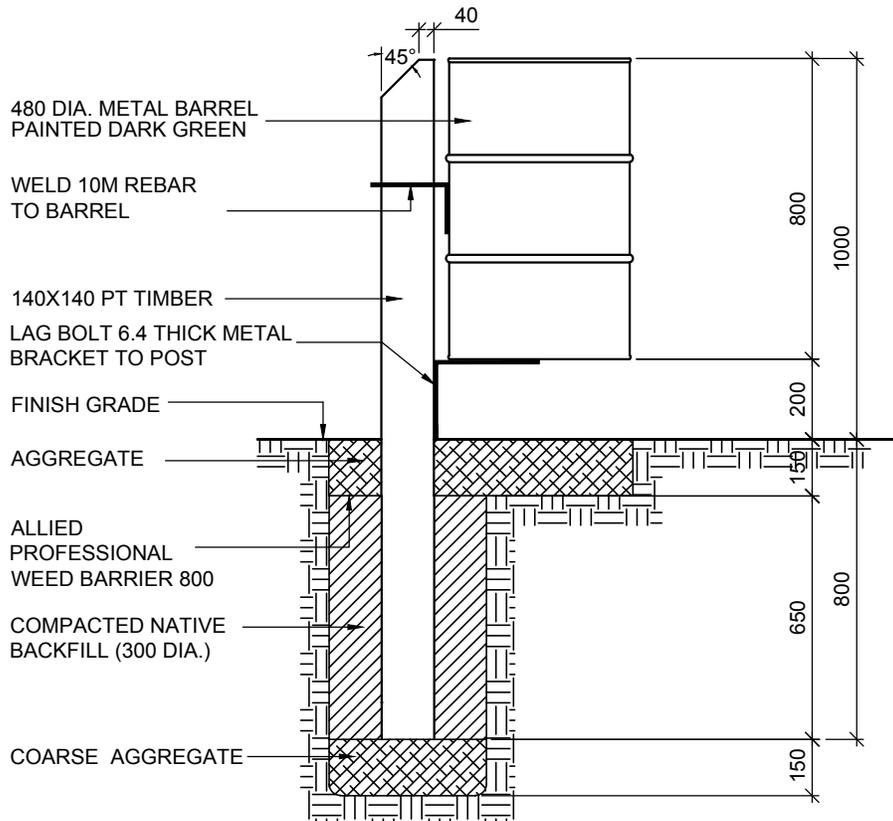
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LF-1	Site Furnishings Trash Barrel With Stand	Jan/99
LF-2A	Site Furnishings Wood Bollard	Jan/99
LF-2C	Site Furnishings Removable Wood/Steel Bollard	Mar/00
LF-2D	Site Furnishings Removable Wood/Steel Bollard-Sections & Details	Jul/05
LF-3B	Site Furnishings Bench\Trash Bin Layouts	May/04
LF-3D	Site Furnishings Bench With Tactile Markings	Dec/03
LF-5A	Site Furnishings Tower Sign Detail	??/99
LF-5B	Site Furnishings Tower Sign Detail	Mar/98
LF-5C	Site Furnishings Tower Sign Elevation	Mar/98
LF-6	Light Standard	Nov/04
LF-7A	Site Furnishings Swing Gate Detail	Feb/10
LF-7B	Site Furnishings Swing Gate Detail	Feb/10
LF-7C	Site Furnishings Swing Gate Detail	Feb/10
LF-7D	Site Furnishings Swing Gate Detail	Feb/10
LI-1	Low Voltage Elec. Splice Box	Jul/04
LI-2	Quick Coupler	Jul/04
LI-3A	Landscape Construction Standards – Irrigation	Jul/04
LI-3B	Pre-Manufactured 'O-Ring' Swing Joint	Jul/04
LI-3C	Triple Swing Joint	Jul/04
LI-4A	50mm or Less Electric Valve	Jul/04
LI-4B	Threaded 300 W.O.G Gate Valve-50mm or Less	Jul/04
LI-4C	Flange 300 W.O.G Gate Valve-75mm or Less	Jul/04
LI-4D	Flange 300 W.O.G Gate Valve-75mm or Greater	Jul/04
LI-5A	Irrigation Control Box Pedestal Mounted	Jan/05

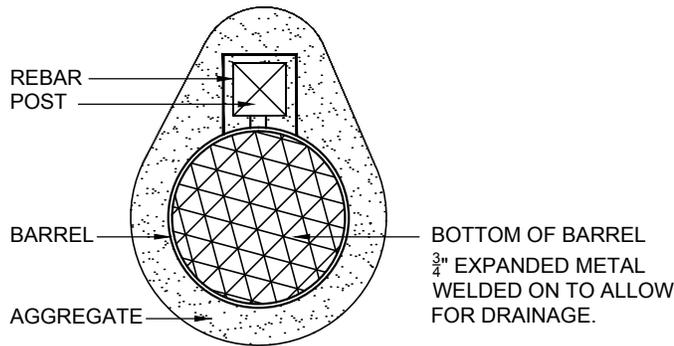
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LI-5B	Irrigation Control Box Wall Mounted	Jan/05
LI-5C	Irrigation Control Box Interior Layout	Feb/05
LI-6	Weeping Tile Cleanout Access Cylinder	Jul/04
LM-1A	Miscellaneous Details Chainlink Fence Detail	Jan/99
LM-1B	Miscellaneous Details Chainlink Fence Detail	Jan/99
LP-1C	Coniferous Tree Planting Detail-B&B (Pit)	Oct/04
LP-1E	Coniferous Tree Planting Detail-Tree Spade	Oct/04
LP-2C	Deciduous Tree Planting Detail-B&B (Pit)	Oct/04
LP-2F	Deciduous Tree Planting Detail-Tree Spade	Oct/04
LP-2I	Deciduous Tree Planting Detail in School Yard-Tree Spade	Oct/04
LP-5	Sidewalk Tree Planting Detail	Jul/02
LP-6A	Median Tree Planting Detail-Continuous Soil Trench	Oct/04
LP-7	Tree & Shrub Planting Details-B&B Trees & Container Shrub in Bed	May/98
LP-10	Beaver Guard	Feb/10
LS-3A	Surface Details Timber Edge & Corner Detail	Sep/01
LS-3B	Surface Details Timber Edge & Corner Detail	Sep/01
LS-3C	Surface Details Above Grade Timber Edge & Corner Detail	Sep/01
LS-6A	Surface Detail Asphalt Pathway Detail (Type A)	Sep/99
LS-6B	Surface Detail Asphalt Pathway Detail (Type B)	Jan/99
LS-7	Typical Pathway Ramp @ MidBlock Crossing	Oct/02



SECTION

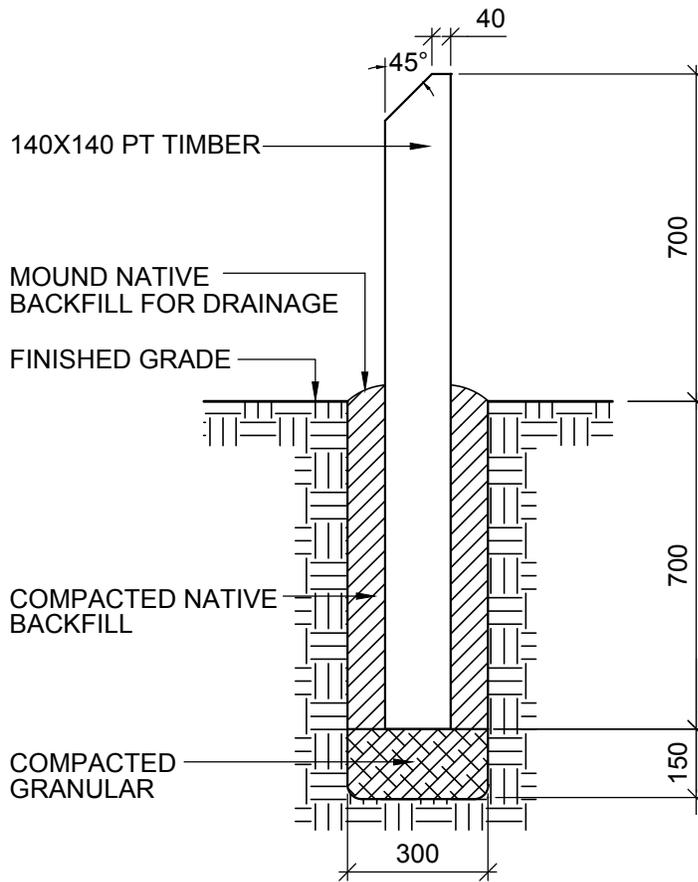


PLAN

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



LANDSCAPE CONSTRUCTION STANDARDS		
<b>SITE FURNISHINGS</b>		
<b>TRASH BARREL WITH STAND</b>		
Designed By:	Approved:	
KEN KABATOFF		
Date	Scale	
5-Aug-10	NTS	LF-1
Digital File:	LF-1 - Trash Barrel With Stand.dwg	

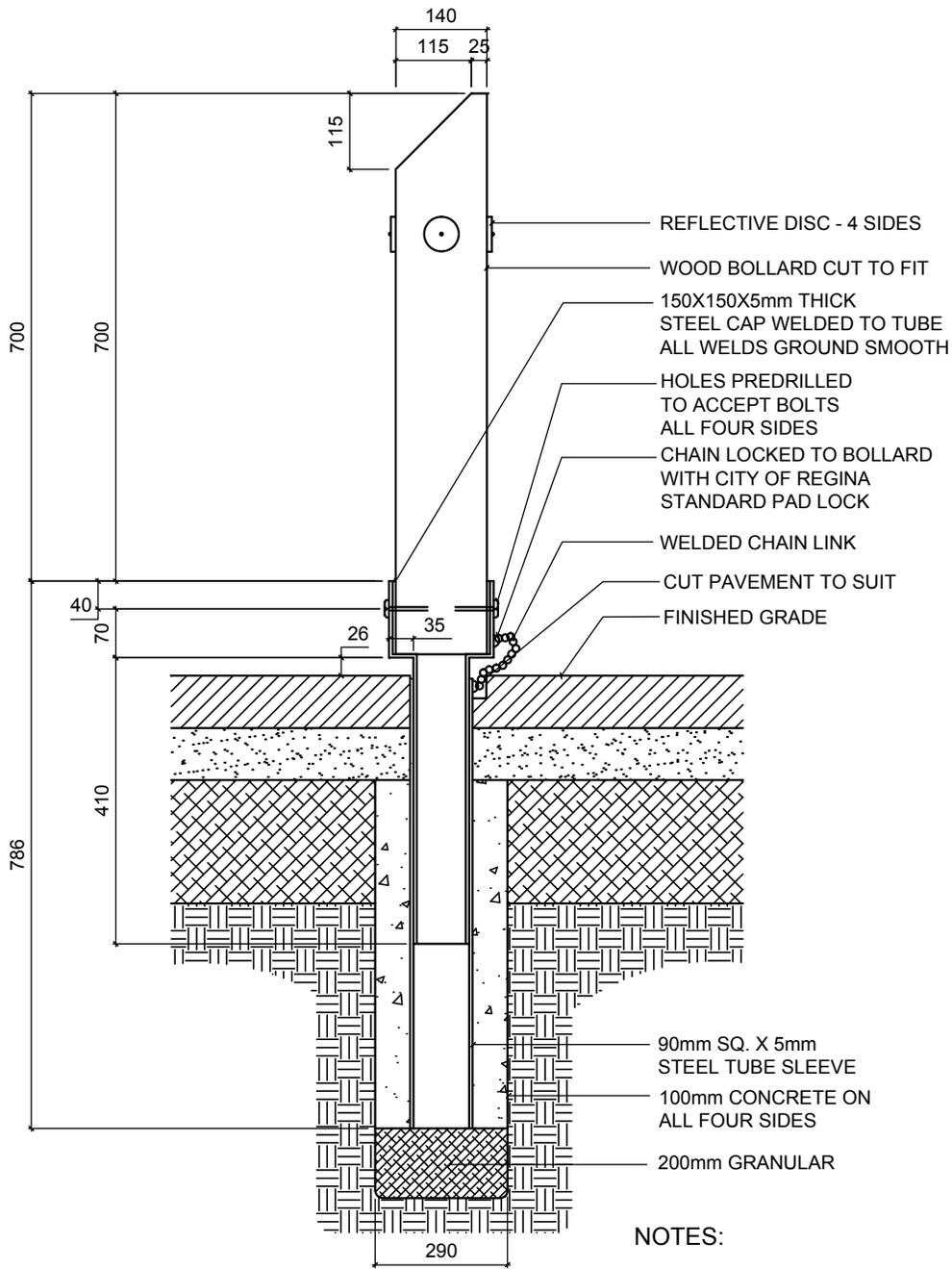


SECTION

Date	Revisions	By
Aug-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS		
SITE FURNISHINGS		
WOOD BOLLARD (140X140X700)		
Designed By:	Approved:	
Date	Scale	LF-2A
12-Aug-10	N.T.S.	
Digital File: LF-2A - Wood Bollard 140x140x700.dwg		



**SECTION**  
N.T.S.

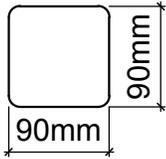
**NOTES:**

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

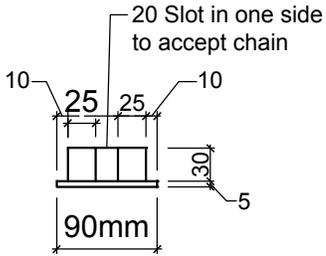
Date	Revisions	By
Aug-2010	Titleblock	MF



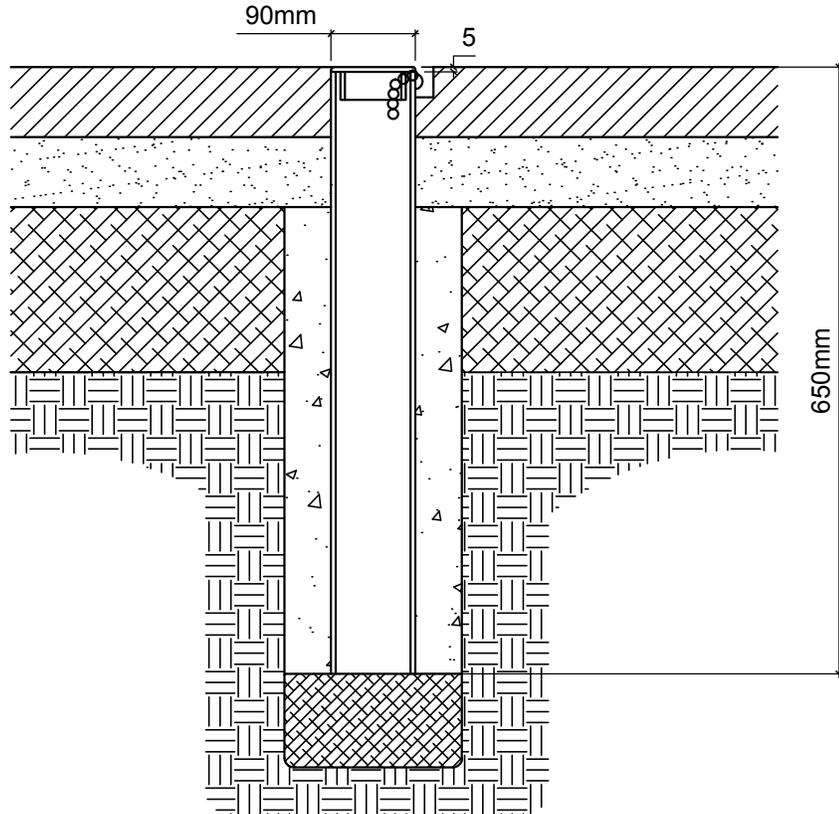
LANDSCAPE CONSTRUCTION STANDARDS		
<b>SITE FURNISHINGS</b>		
<b>REMOVEABLE WOOD/STEEL BOLLARD</b>		
Designed By:	Approved:	
Date	Scale	
16-Aug-10	N.T.S.	<b>LF-2C</b>
Digital File: LF-2C,D- Removeable Wood and Steel Bollard.dwg		



**CAP DETAIL**  
N.T.S.



**CAP DETAIL**  
N.T.S.

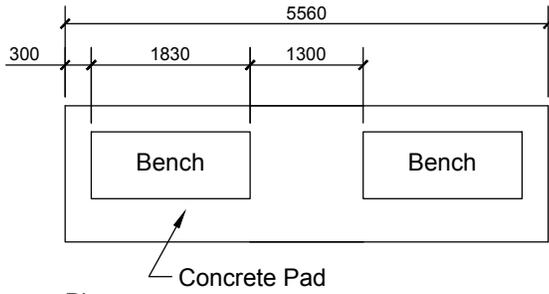


**SECTION WITH BOLLARD REMOVED**  
N.T.S.

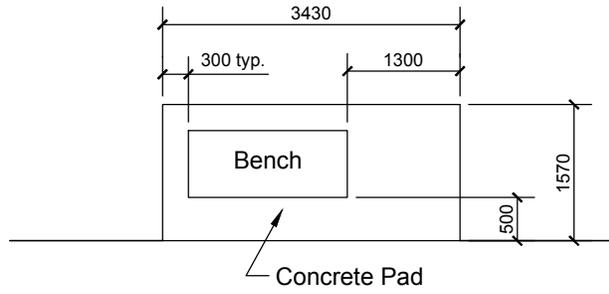
Date	Revisions	By
Aug-2010	Titleblock	MF



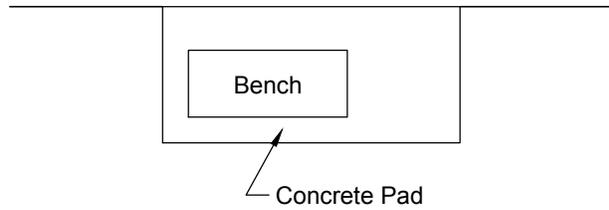
LANDSCAPE CONSTRUCTION STANDARDS		
<b>SITE FURNISHINGS</b>		
<b>REMOVEABLE BOLLARD - DETAILS</b>		
Designed By:		Approved:
Date	Scale	<b>LF-2D</b>
12-Aug-10	N.T.S.	
Digital File: LF-2C,D- Removeable Wood and Steel Bollard.dwg		



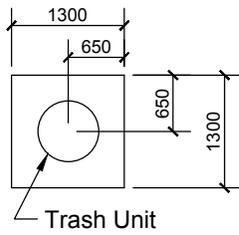
Plan  
Layout Type A



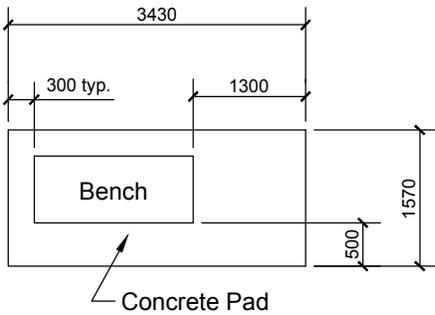
Pathway



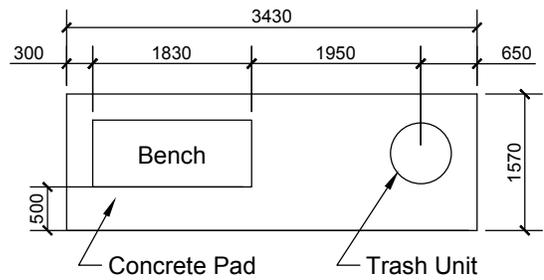
Plan  
Layout Type B



Plan  
Layout Type C



Plan  
Layout Type D



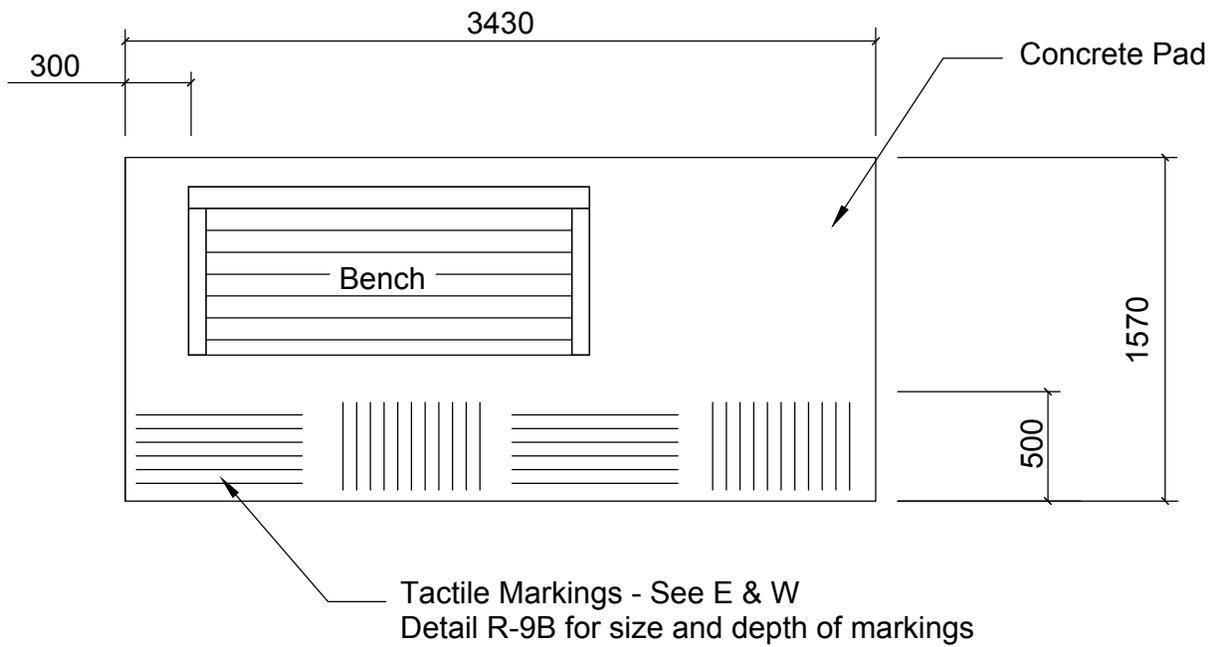
Plan  
Layout Type E

Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS  
SITE FURNISHINGS  
BENCH / TRASH BIN LAYOUTS

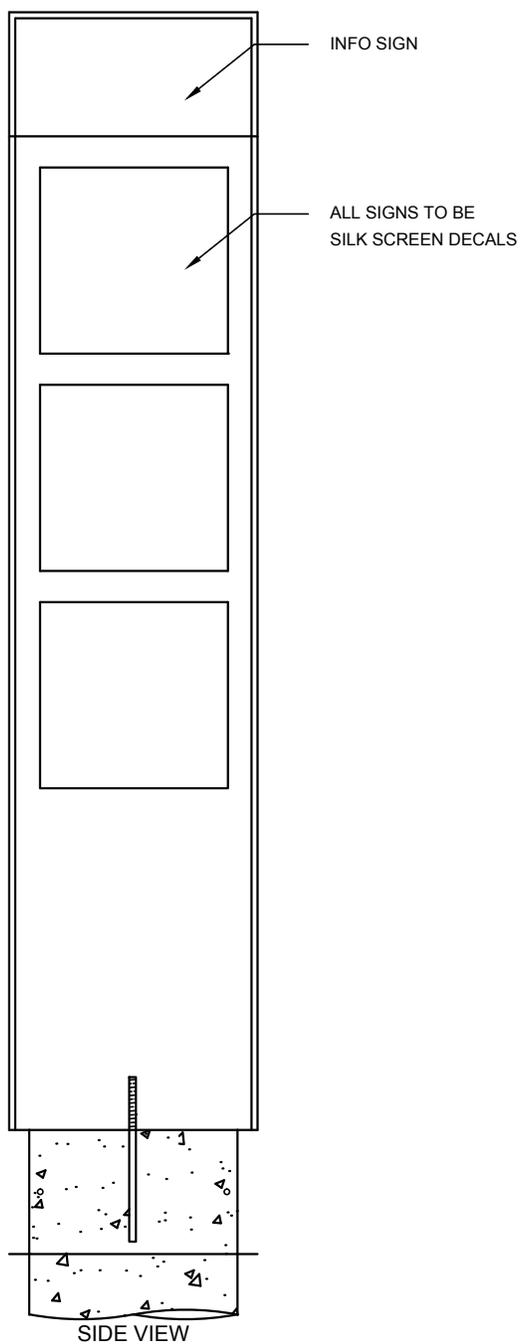
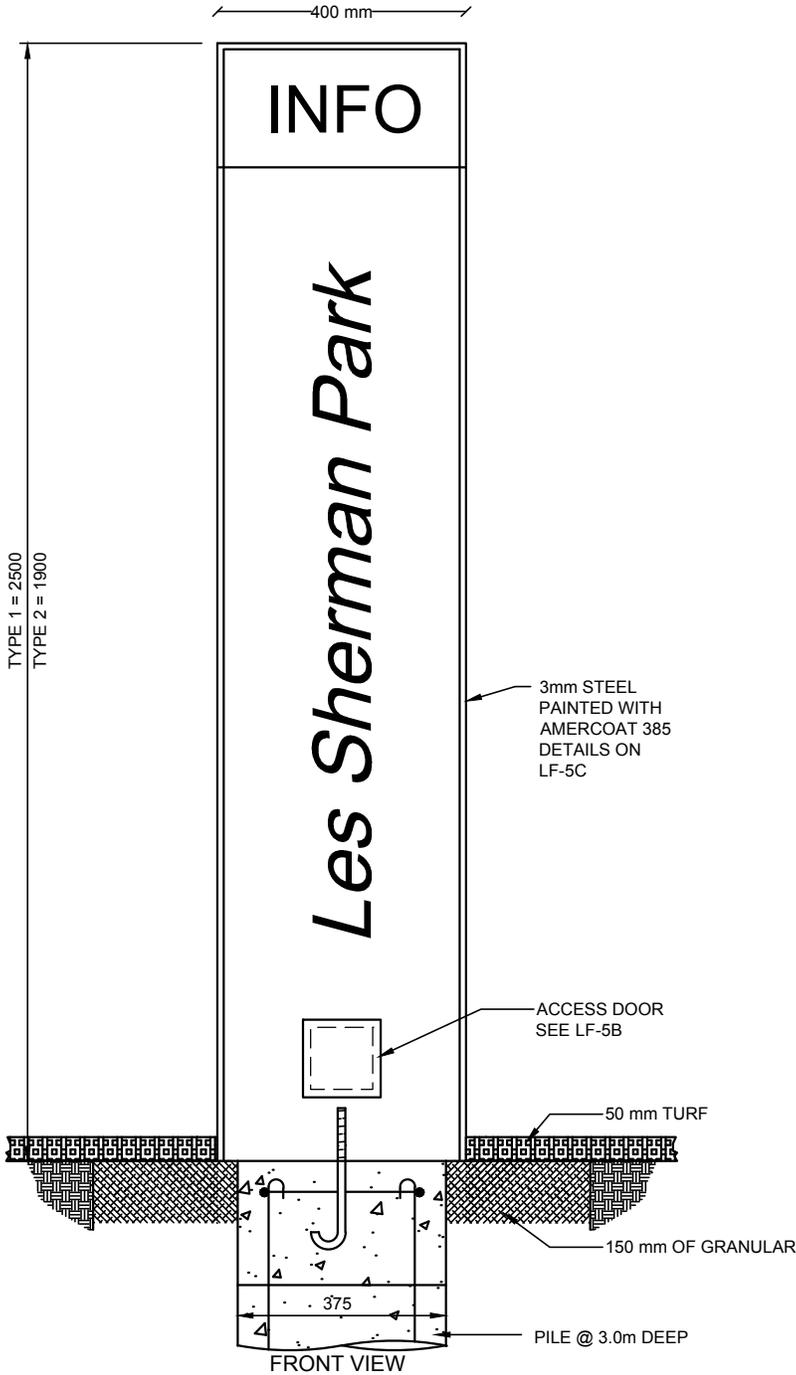
Designed By:		Approved:	
Date	Scale	LF-3B	
13-Aug-10	N.T.S.		
Digital File: LF-3B,LF3C - Bench, Picnic Table and Trash Bin Layouts.dwg			



Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS		
<b>SITE FURNISHINGS</b>		
<b>BENCH WITH TACTILE MARKINGS</b>		
Designed By:		Approved:
Date	Scale	<b>LF-3D</b>
13-Aug-10	N.T.S.	
Digital File: LF-3D - Bench with Tactile Markings.dwg		



Date	Revisions	By
Aug-2010	Base, access door, surface paint, titleblock	MF

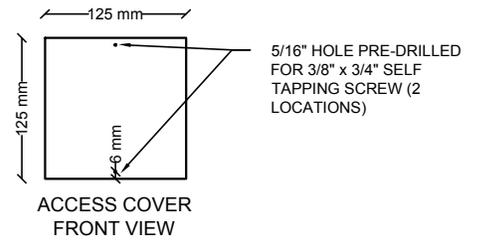
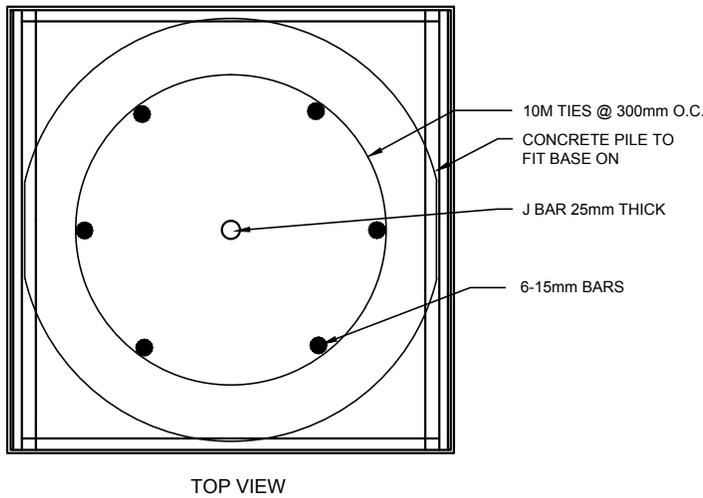
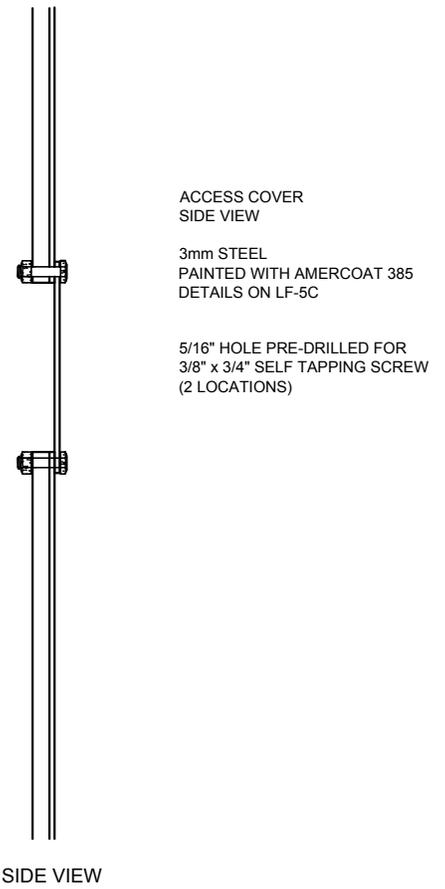
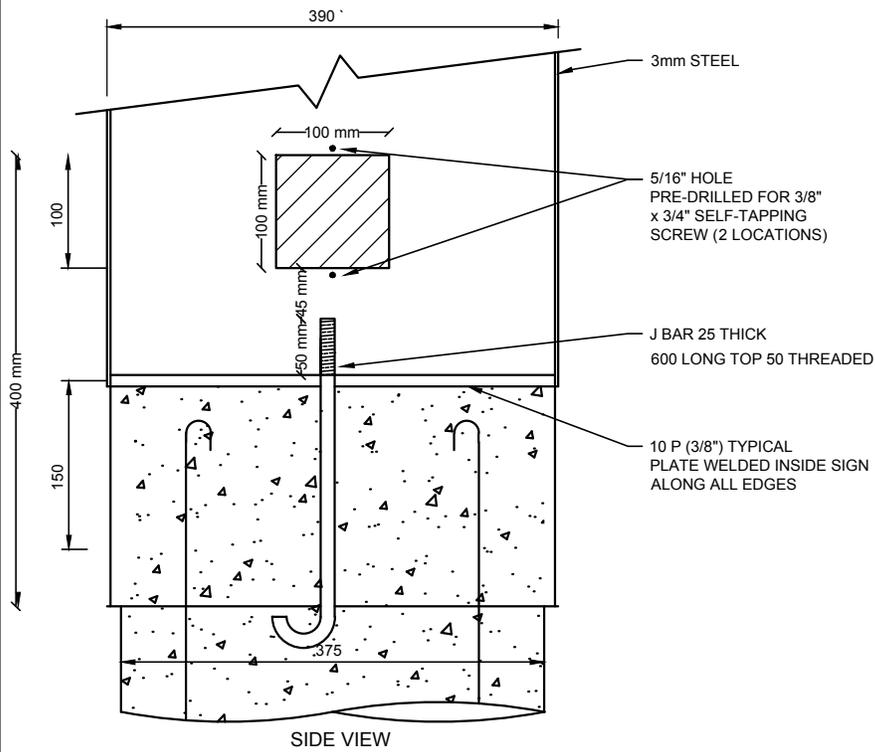
City of Regina | **REGINA**  
Infinite Horizons

LANDSCAPE CONSTRUCTION STANDARDS  
**SITE FURNISHINGS**  
**TOWER SIGN DETAIL**

Designed By: **KEN KABATOFF**      Approved:

Date: **17-Aug-10**      Scale: **NTS**      **LF-5A**

Digital File: **LF-5A,B,C - Tower Sign Details.dwg**



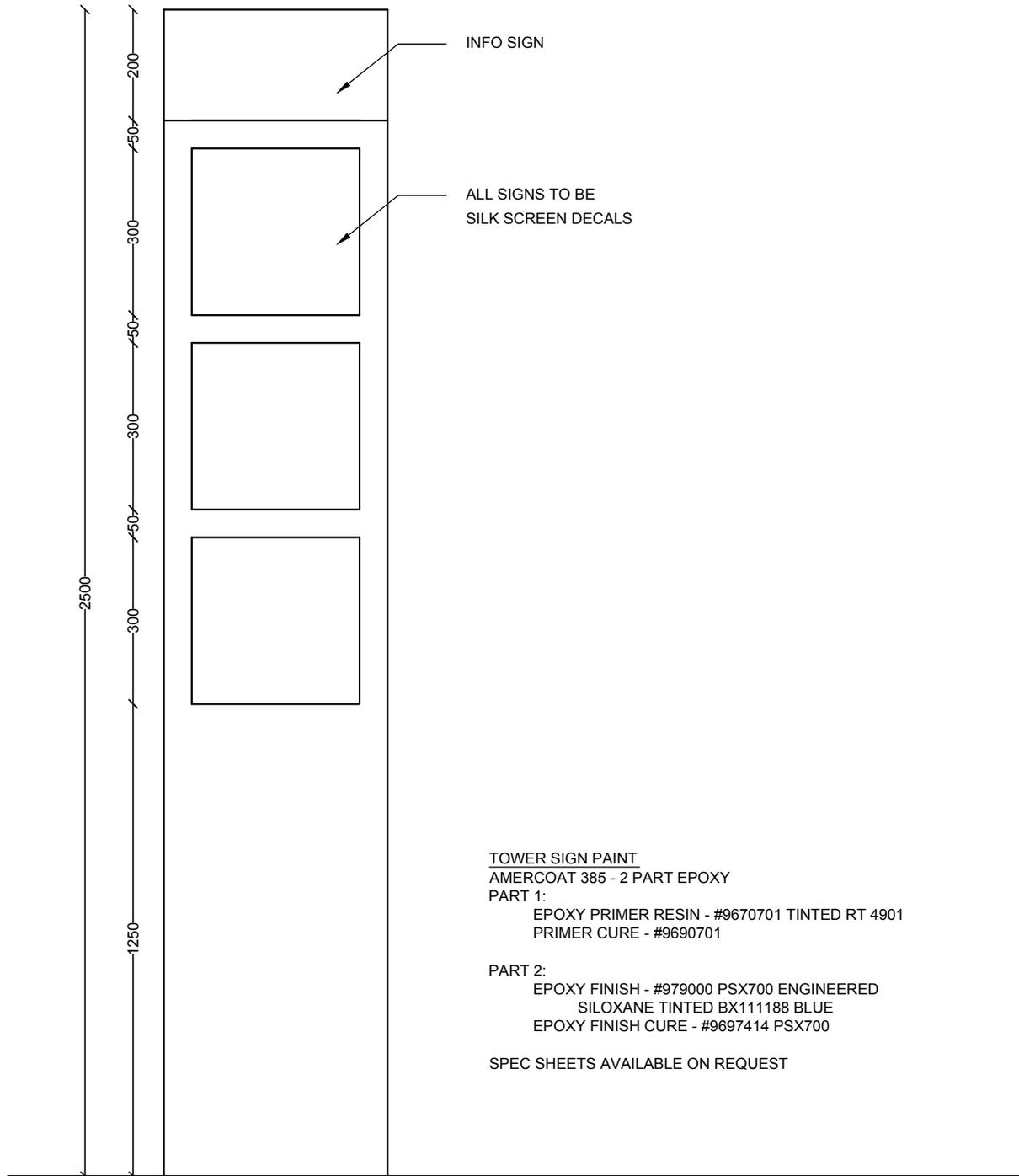
Date	Revisions	By
Aug-2010	Base, access door & surface paint, titleblock	MF



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			

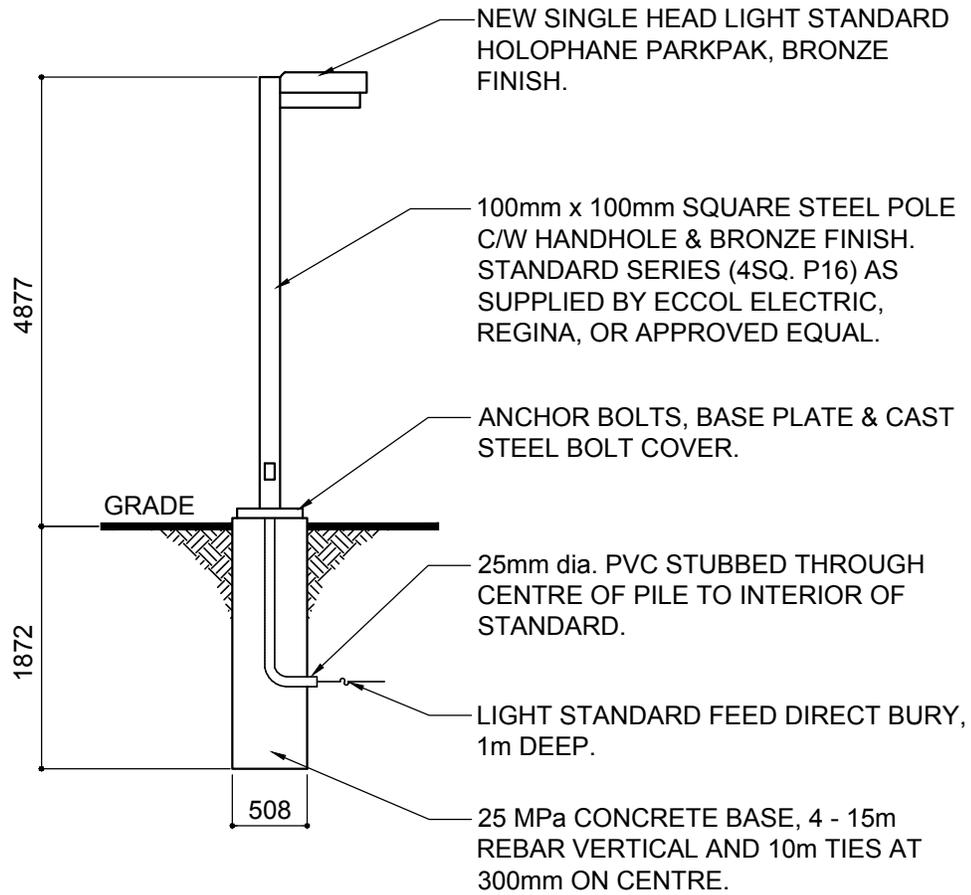


Date	Revisions	By
Aug-2010	Base, access door & surface paint, titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS  
**SITE FURNISHINGS**  
**TOWER SIGN DETAIL**

Designed By: KEN KABATOFF		Approved:	
Date 17-Aug-10	Scale NTS	LF-5C	
Digital File: LF-5A,B,C - Tower Sign Details.dwg			

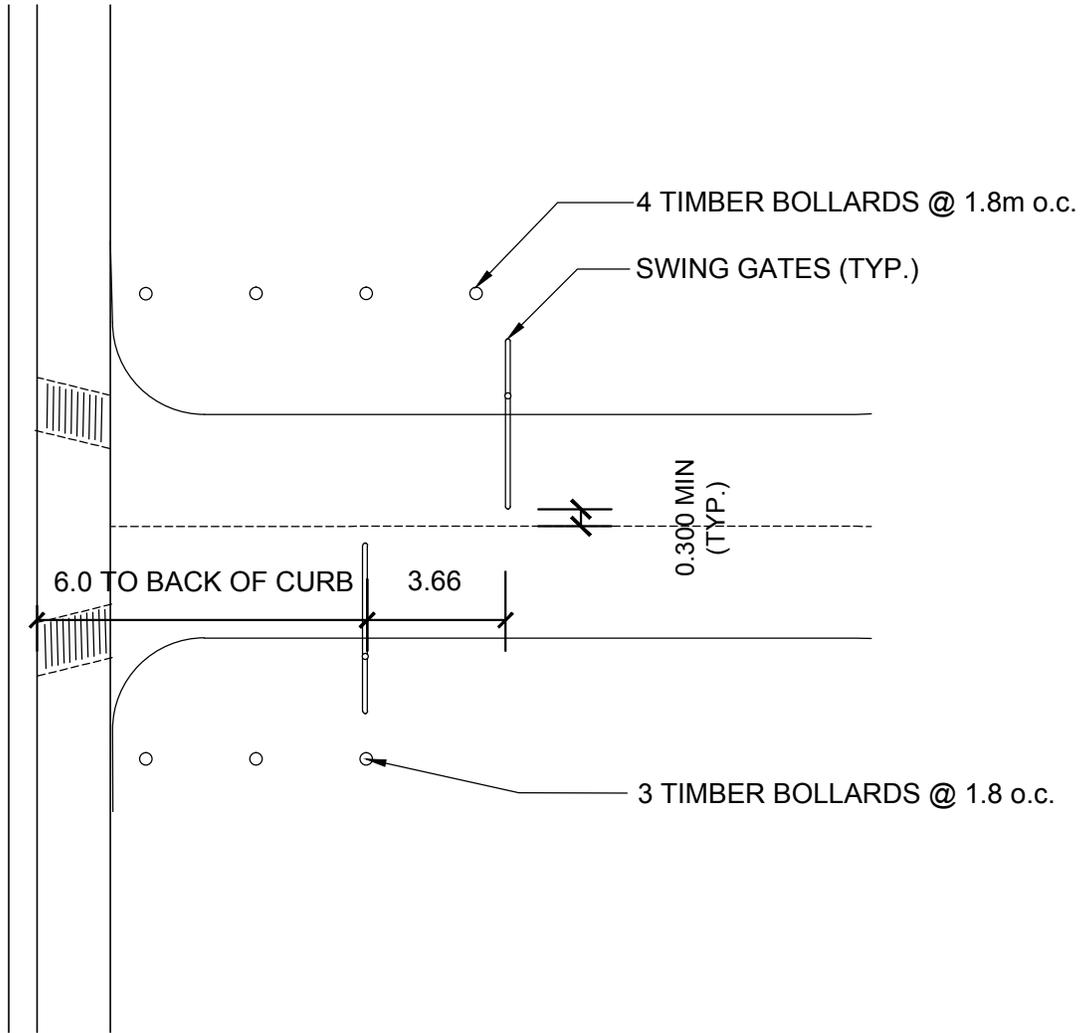


Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS		
<b>SITE FURNISHINGS</b>		
<b>LIGHT STANDARD</b>		
Designed By:		Approved:
Date	Scale	<b>LF-6</b>
13-Aug-10	N.T.S.	
Digital File: LF-6 - light standard.dwg		

ROADWAY

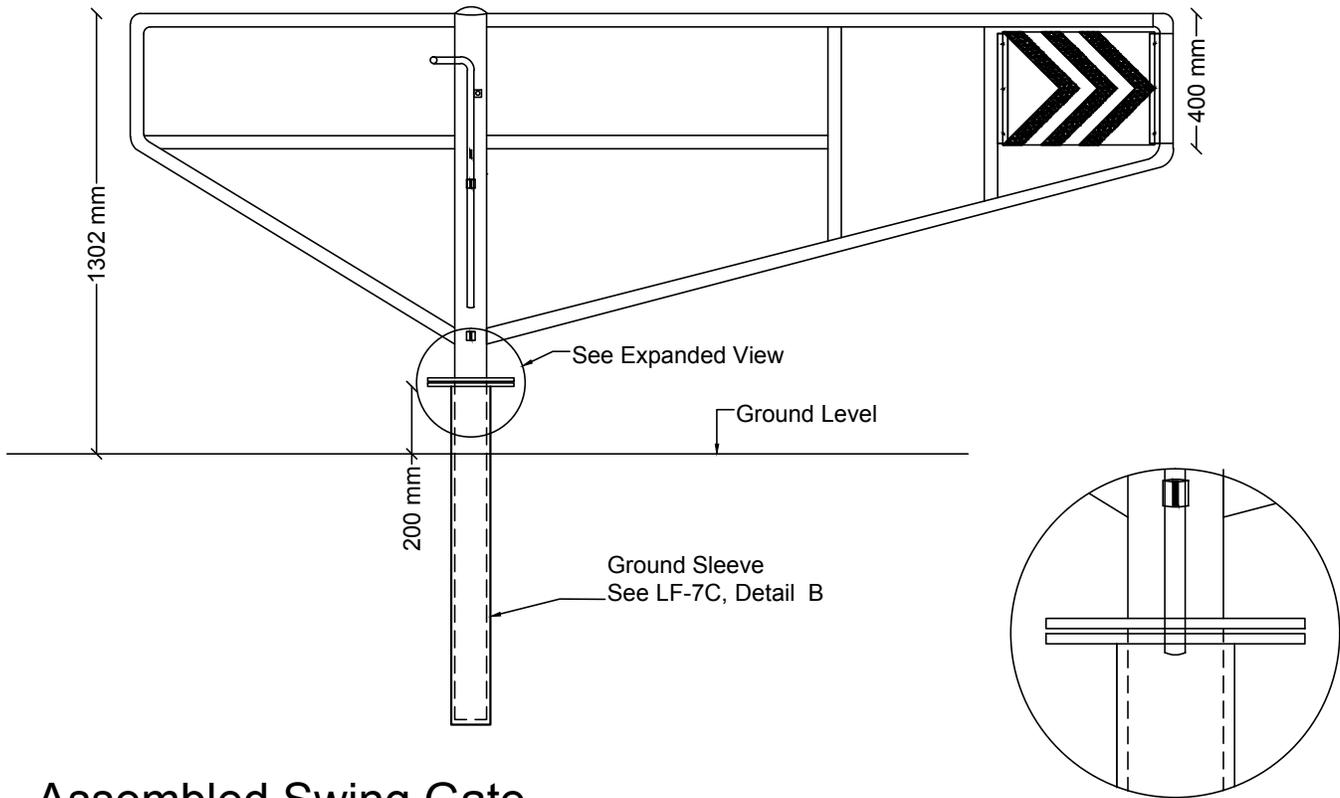


Date	Revisions	By
Aug-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS  
**SITE FURNISHINGS**  
**SWING GATE DETAIL**

Designed By: KEN KABATOFF		Approved:
Date 5-Aug-10	Scale NTS	<b>LF-7A</b>
Digital File: LF-7A - Swing Gate Detail.dwg		



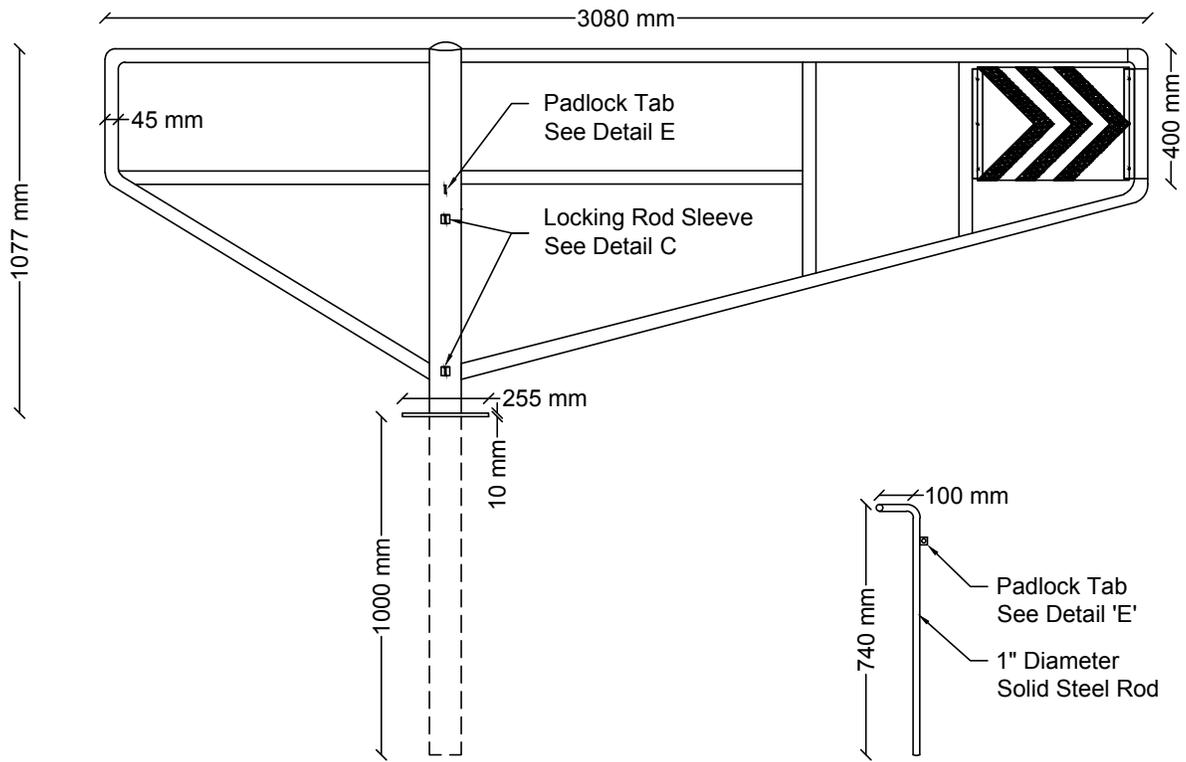
Assembled Swing Gate

Expanded View

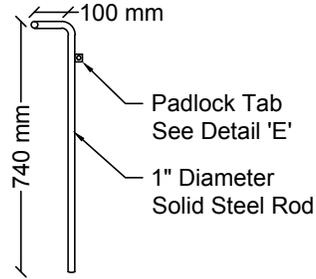
Date	Revisions	By
Aug-2010	Titleblock, locking rod, section details	MF



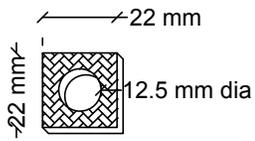
LANDSCAPE CONSTRUCTION STANDARDS		
SITE FURNISHINGS		
SWING GATE - ASSEMBLED		
Designed By:	Approved:	
KEN KABATOFF		
Date	Scale	
Aug-10	NTS	LF-7B
Digital File: LF-7A - Swing Gate Detail.dwg		



Detail A - Main Gate

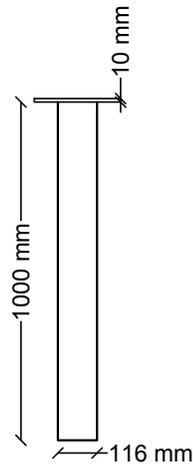


Detail C - Locking Rod



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

Detail E - Padlock Tabs

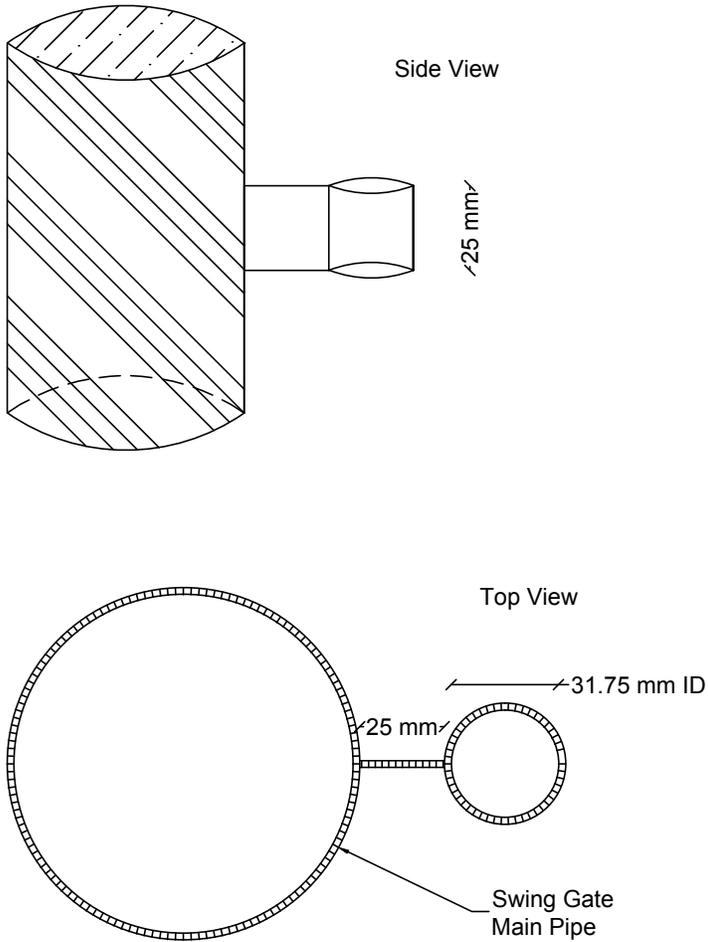


Detail B - Ground Sleeve

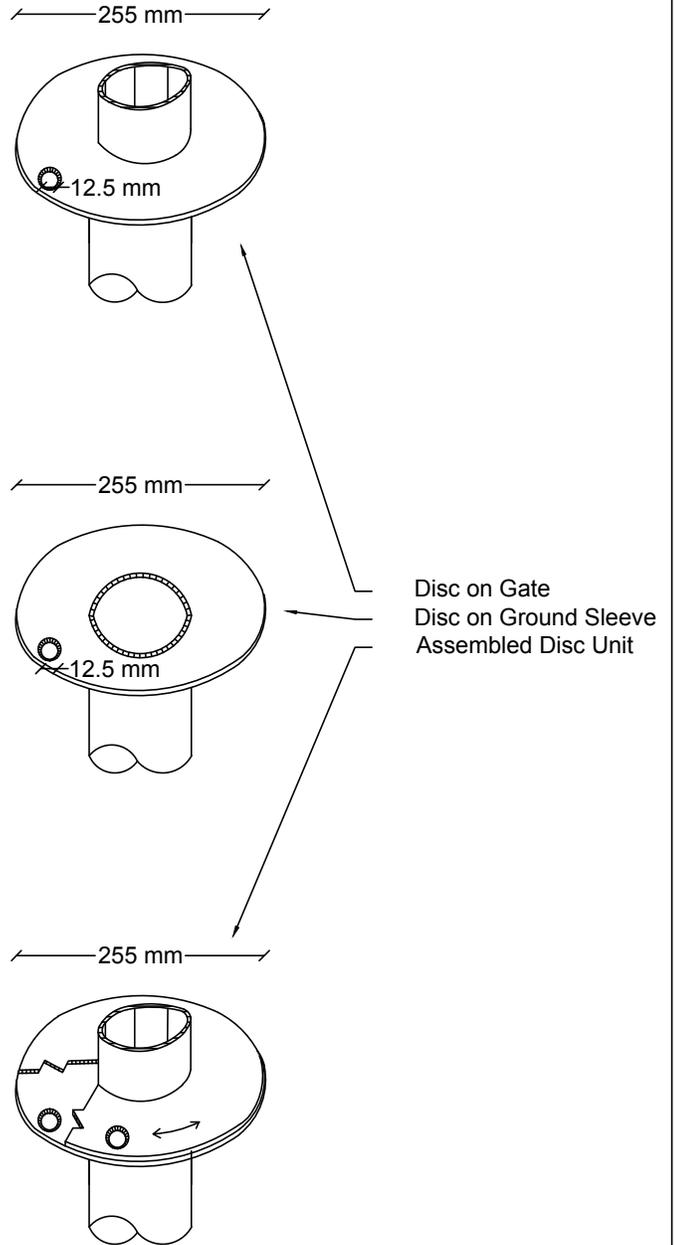
Date	Revisions	By
Aug-2010	Titleblock, locking rod, section details	MF



LANDSCAPE CONSTRUCTION STANDARDS		
<b>SITE FURNISHINGS SWING GATE DETAILS</b>		
Designed By:	Approved:	
KEN KABATOFF		
Date	Scale	
Aug-10	NTS	LF-7C
Digital File: LF-7A - Swing Gate Detail.dwg		



Detail D - Locking Rod Sleeve



Detail F - Disc Assembly

Date	Revisions	By
Aug-2010	Titleblock, locking rod, section details	MF

City of Regina | **REGINA**  
Infinite Horizons

LANDSCAPE CONSTRUCTION STANDARDS

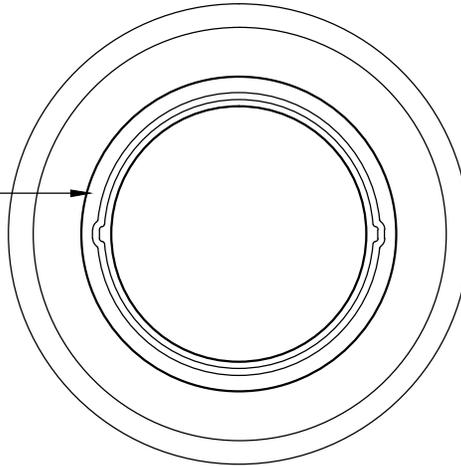
**SITE FURNISHINGS**

**SWING GATE DETAIL**

Designed By:	KEN KABATOFF		Approved:
Date	Aug-10	Scale	NTS
Digital File:	LF-7A - Swing Gate Detail.dwg		

LF-7D

CARSON INDUSTRIES  
#910 JUNCTION BOX



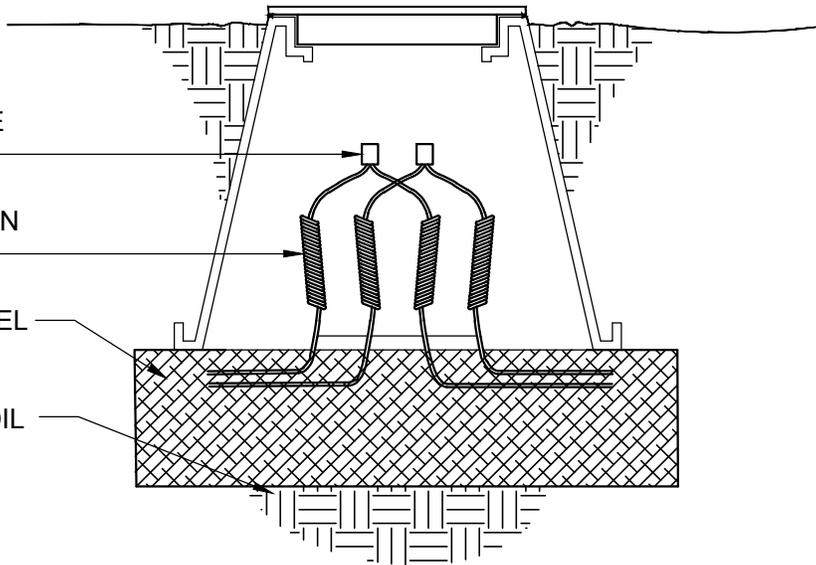
PLAN

3M DBY/DBR WIRE  
CONNECTORS

SERVICE LOOP MIN  
LENGTH 600mm

150mm PEA GRAVEL

COMPACTED OR  
UNDISTURBED SOIL

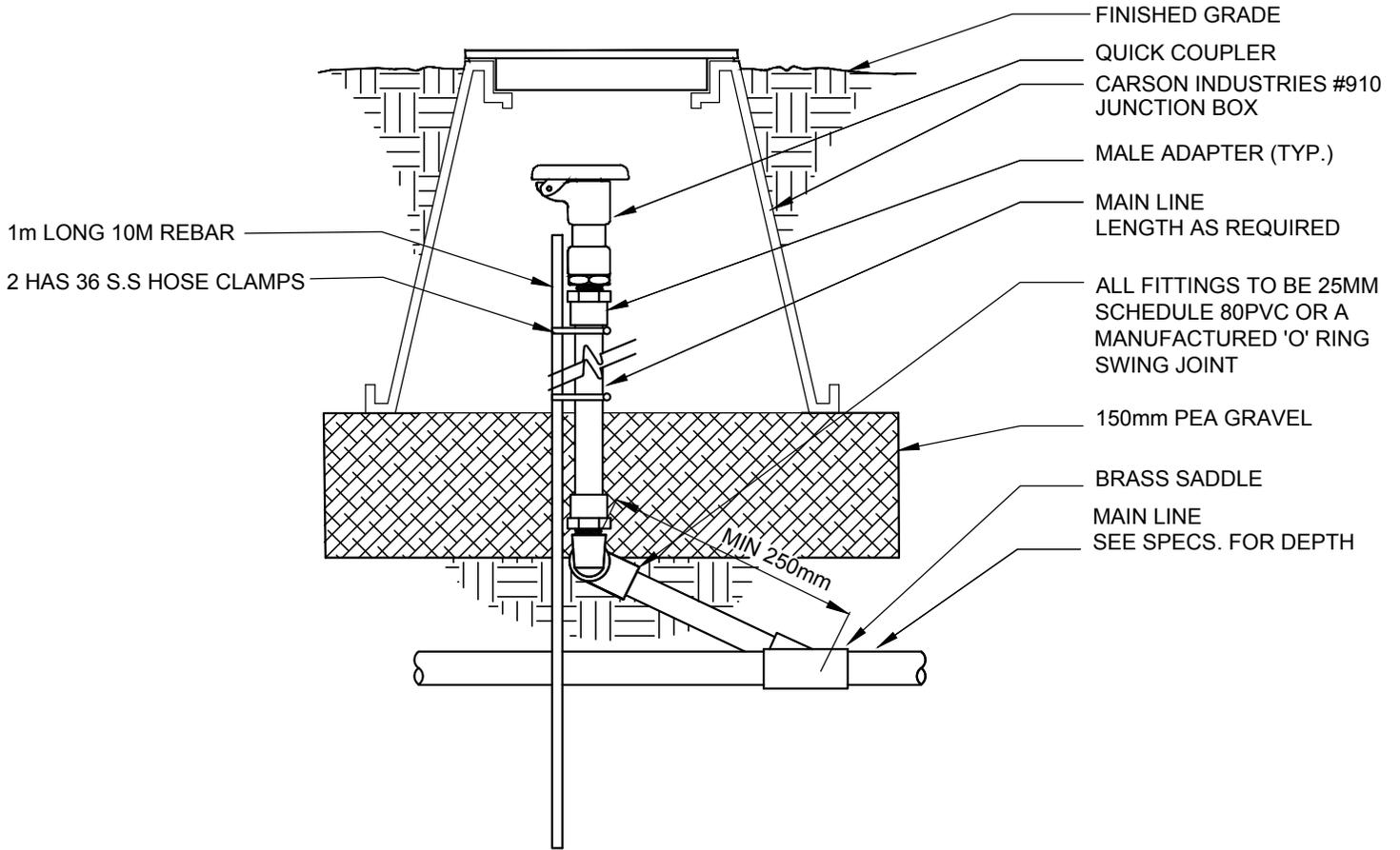


ELEVATION

Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS		
IRRIGATION		
LOW VOLTAGE ELEC. SPLICE BOX		
Designed By:	Approved:	
Date	Scale	LI-1
13-Aug-10	N.T.S.	
Digital File: LI-1 - Low Voltage Elec. Splice Box.dwg		

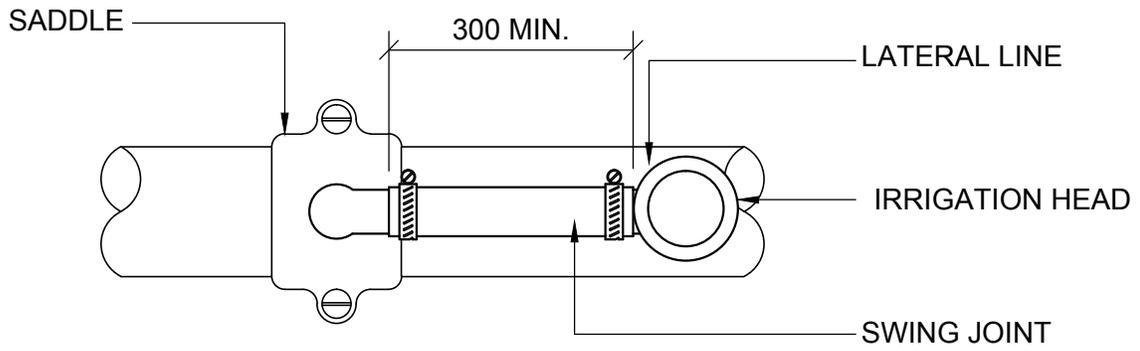


ELEVATION

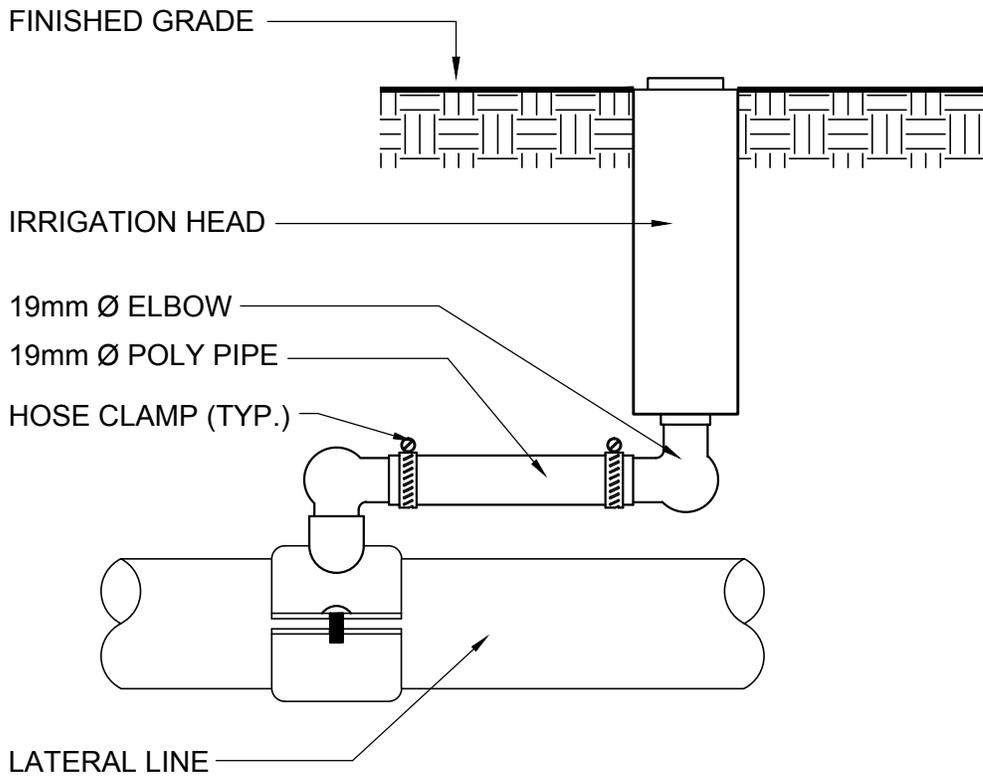
Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS		
<b>IRRIGATION</b>		
<b>QUICK COUPLER</b>		
Designed By:	Approved:	
Date	Scale	<b>LI-2</b>
13-Aug-10	N.T.S.	
Digital File: LI-2 - Quick Coupler.dwg		



PLAN VIEW



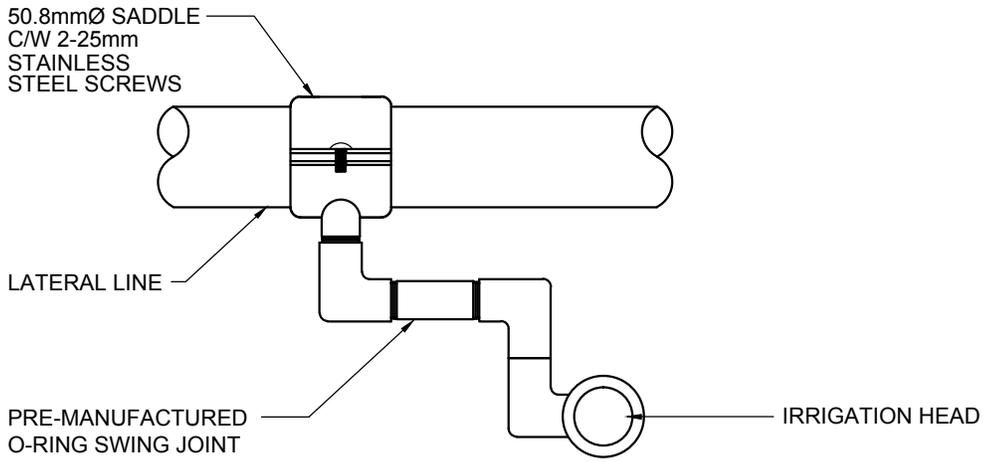
ELEVATION

Date	Revisions	By
Feb-2010	Titleblock	MF

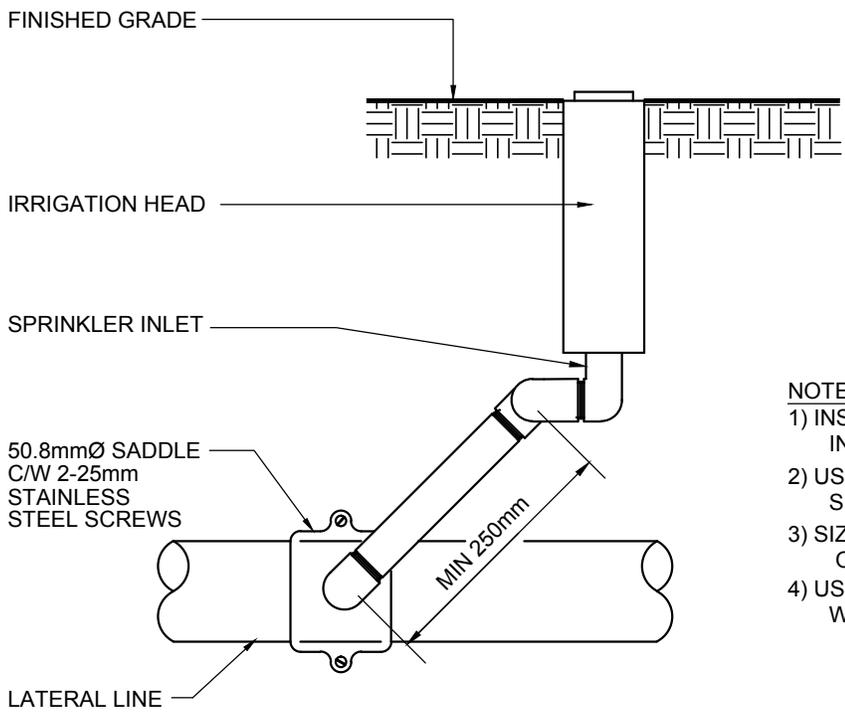
City of Regina | **REGINA**  
Infinite Horizons

LANDSCAPE CONSTRUCTION STANDARDS  
**IRRIGATION**  
LOW DENSITY POLY SWING JOINT

Designed By:	Approved:
Date 13-Aug-10	Scale N.T.S.
Digital File: LI-3A- Low Density Poly Swing Joint.dwg	<b>LI-3A</b>



**PLAN**



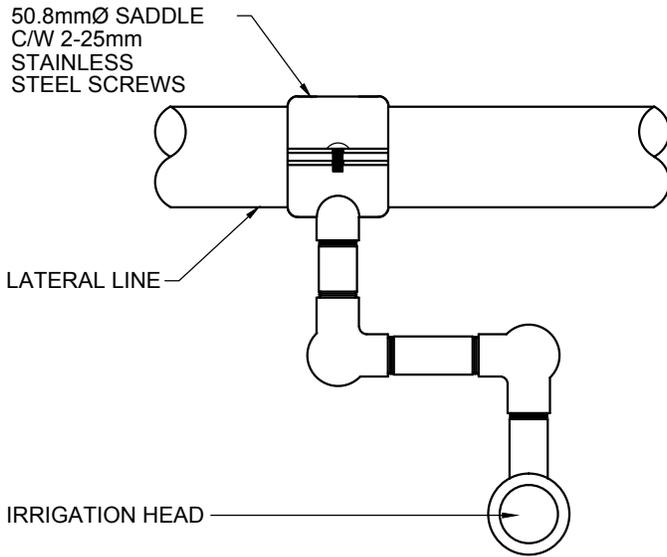
**ELEVATION**

- 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 W/ TEFLON TAPE AT ALL CONNECTIONS

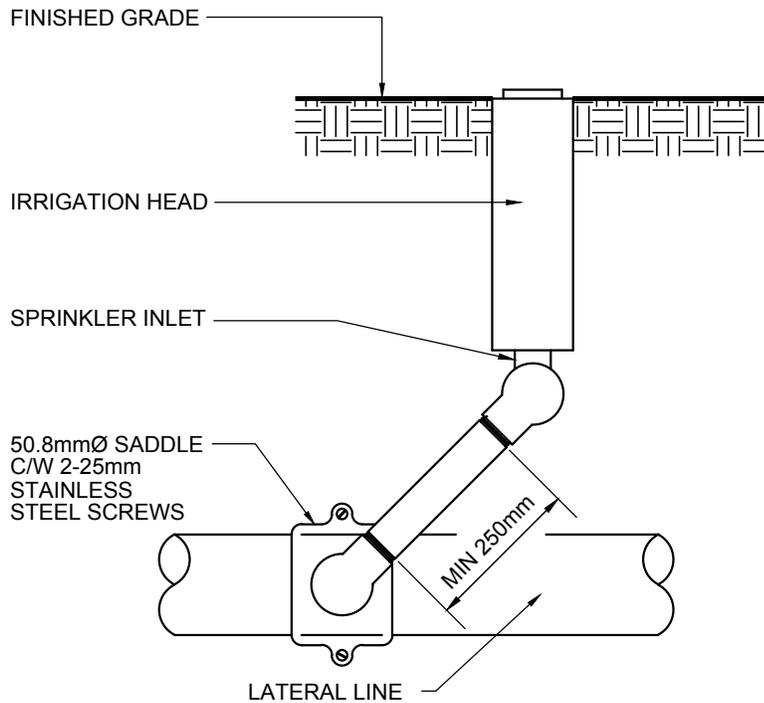
Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS		
<b>IRRIGATION</b>		
<b>PRE-MANUFACTURED 'O-RING' SWING JOINT</b>		
Designed By:		Approved:
Date	Scale	<b>LI-3B</b>
13-Aug-10	N.T.S.	
Digital File: LI-3B - Pre-Manufactured 'O-ring' Swing joint.dwg		



**PLAN**



**ELEVATION**

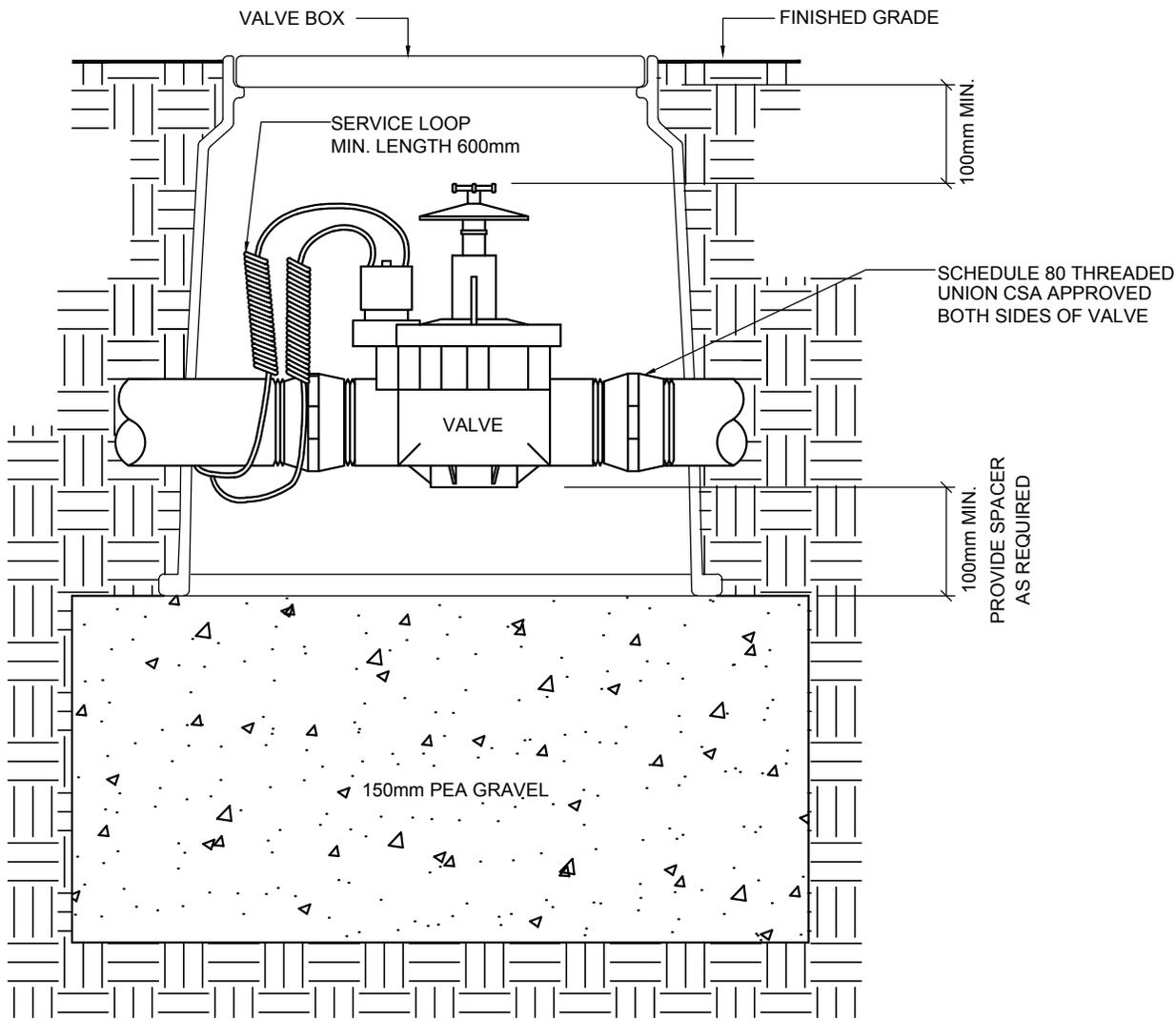
**NOTES:**

- 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

Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS		
<b>IRRIGATION</b>		
<b>TRIPLE SWING JOINT</b>		
Designed By:	Approved:	
Date	Scale	<b>LI-3C</b>
13-Aug-10	N.T.S.	
Digital File: LI-3C - Triple Swing Joint.dwg		



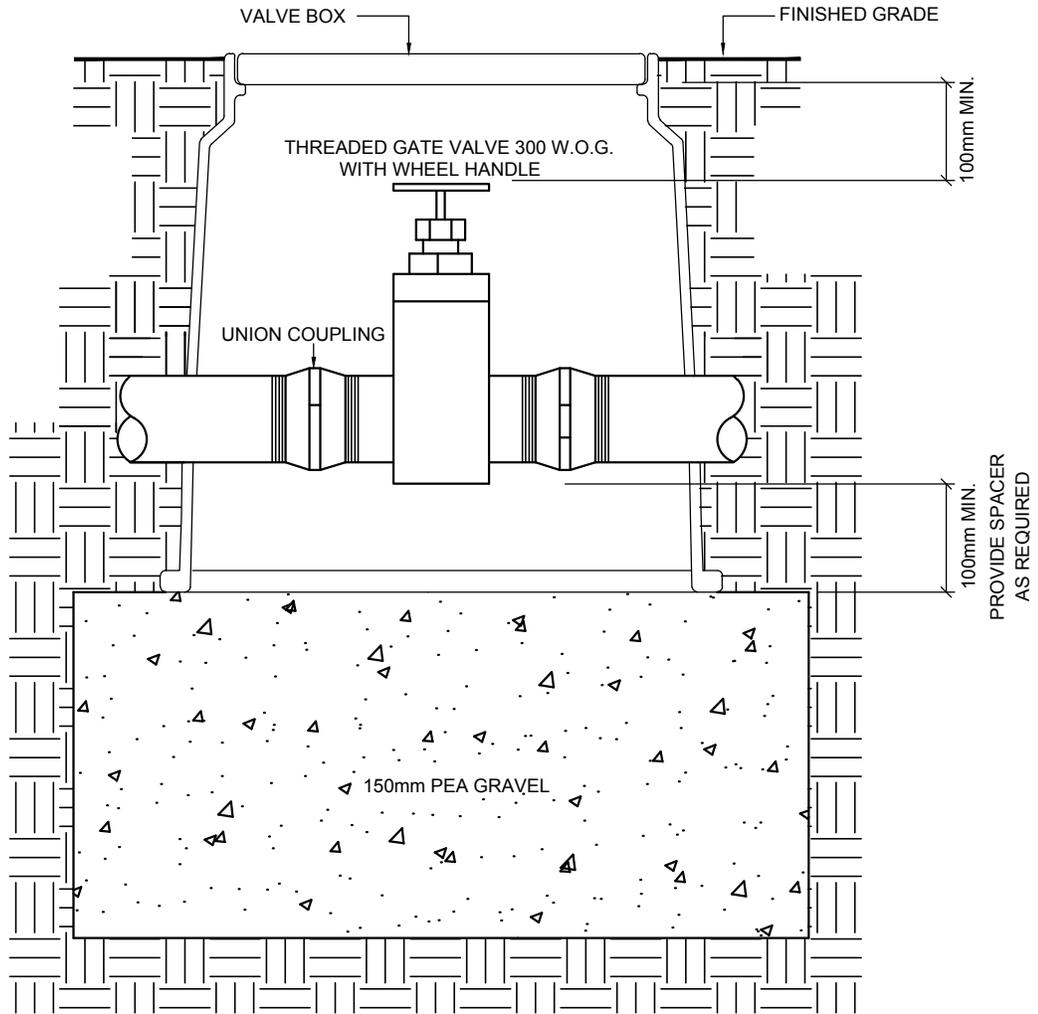
NOTE: CENTRE VALVE IN VALVE BOX

SECTION

Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS		
IRRIGATION		
50mm OR LESS ELECTRIC VALVE		
Designed By:	Approved:	
Date	Scale	LI-4A
13-Aug-10	N.T.S.	
Digital File: LI-4A - 50mm or Less Electric Valve.dwg		



NOTE: CENTRE VALVE IN VALVE BOX

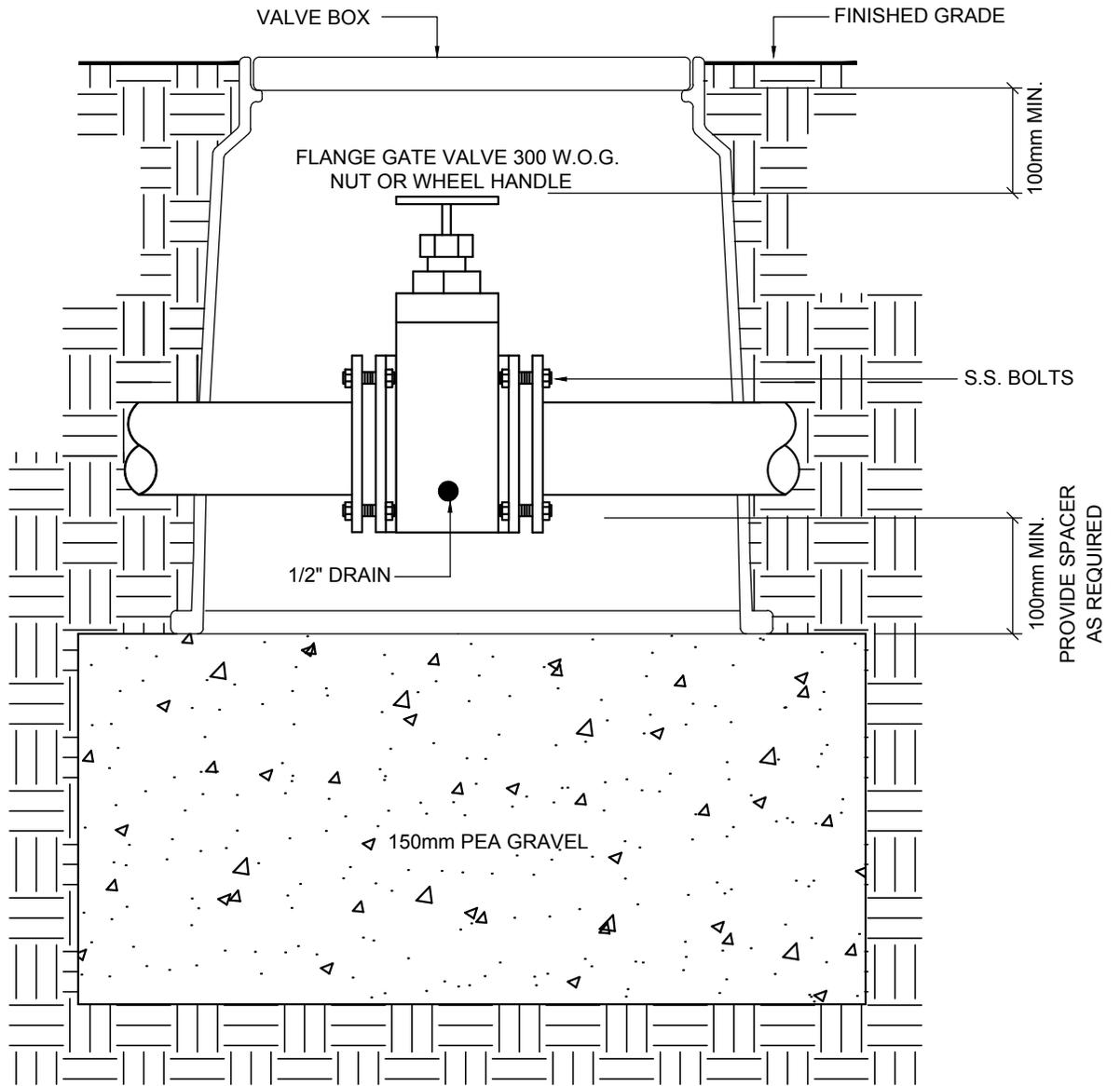
SECTION

Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS  
**IRRIGATION - THREADED**  
**300 W.O.G. GATE VALVE-50mm OR LESS**

Designed By:		Approved:	
Date	Scale	LI-4B	
13-Aug-10	N.T.S.		
Digital File: LI-4B - Threaded 300 W.O.G. Gate Valve - 50mm or less.dwg			



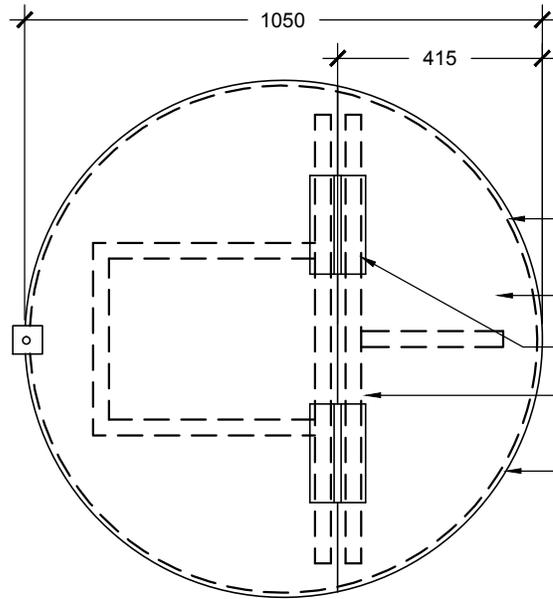
NOTE: CENTRE VALVE IN VALVE BOX

SECTION

Date	Revisions	By
Feb-2010	Titleblock	MF

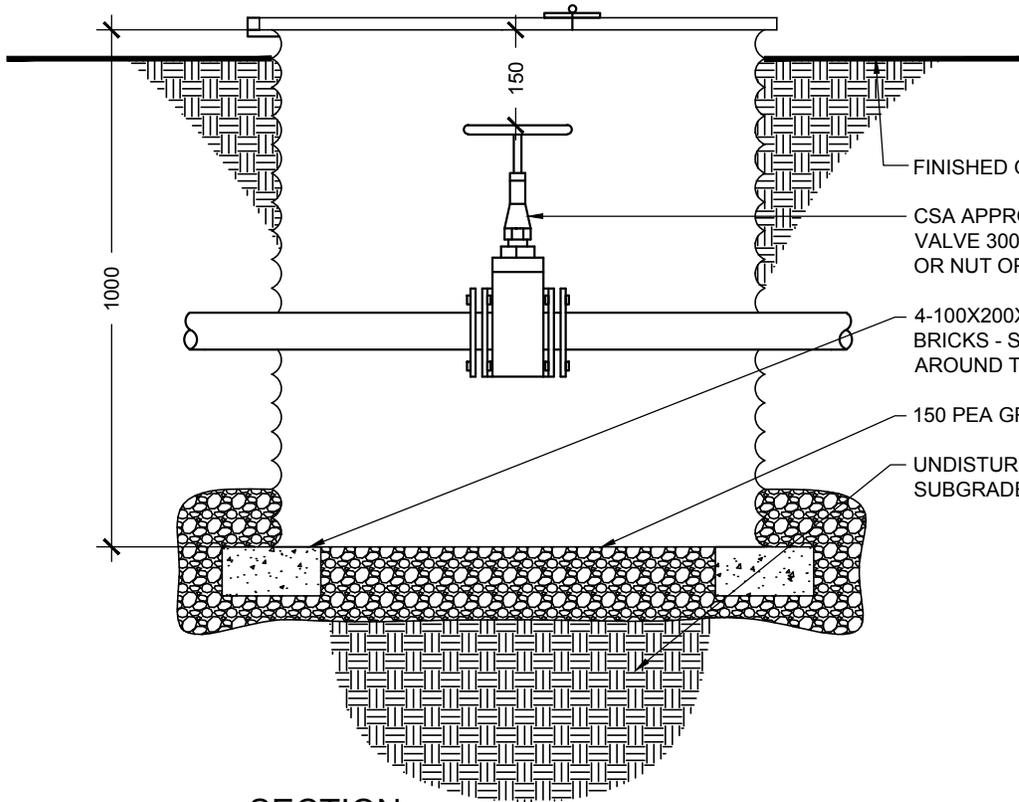


LANDSCAPE CONSTRUCTION STANDARDS		
IRRIGATION - FLANGE		
300 W.O.G. GATE VALVE - 75mm OR LESS		
Designed By:	Approved:	
Date	Scale	LI-4C
13-Aug-10	N.T.S.	
Digital File: LI-4C - Flange 300 W.O.G. Gate Valve - 75m or Less.dwg		



PLAN

- 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



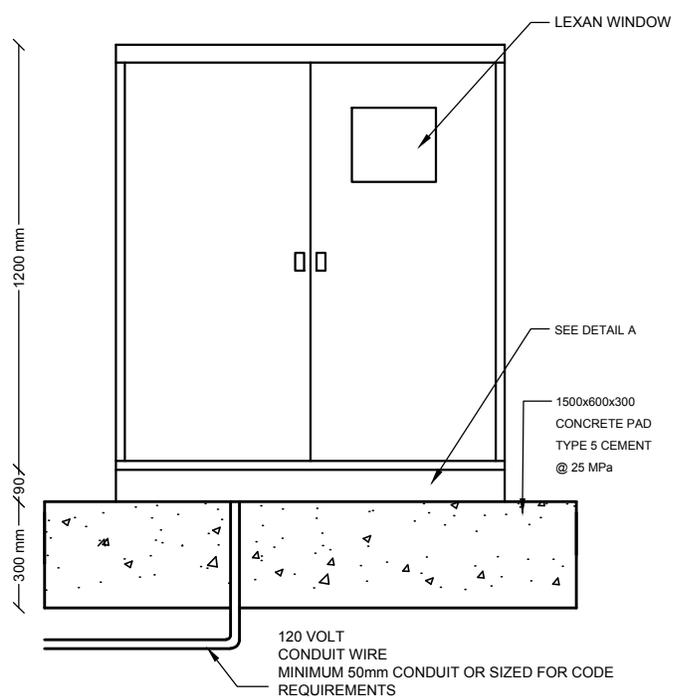
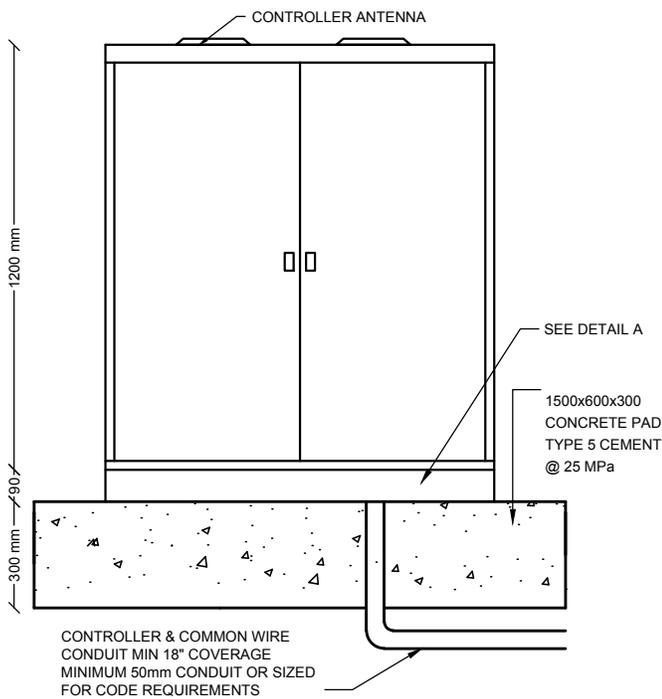
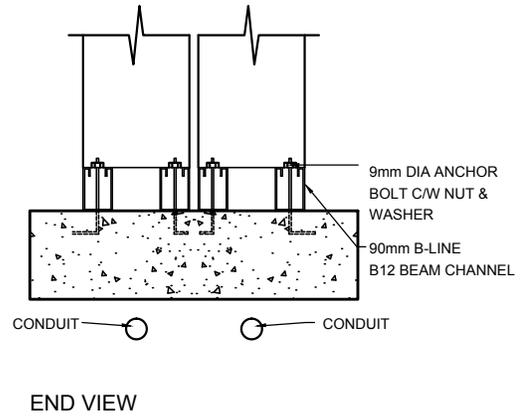
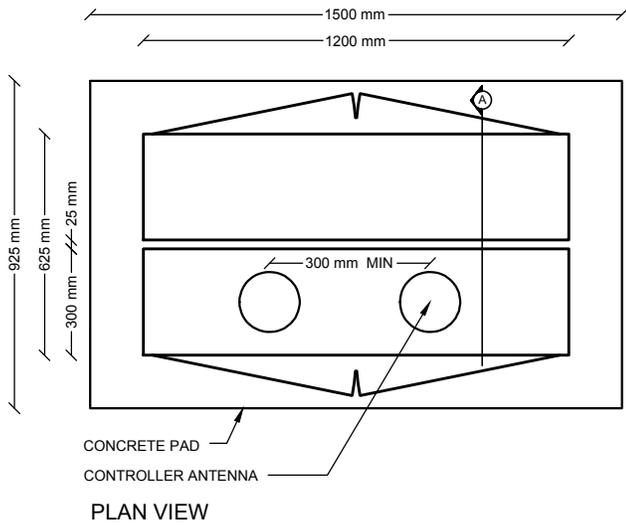
SECTION

- 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

Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS		
IRRIGATION - FLANGE		
GATE VALVE 300 W.O.G. 75mm OR GREATER		
Designed By:	Approved:	
Date	Scale	LI-4D
13-Aug-10	N.T.S.	
Digital File: LI-4D - Flange 300 W.O.G. Gate Valve - 75mm or Greater.dwg		



**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 ACCOMIDATE 10 GAUGE WIRE
- ALL FEILDSTATION WIRES MUST BE LABELED

Date	Revisions	By
Aug-2010	Single to dble pedestal, titleblock	MF

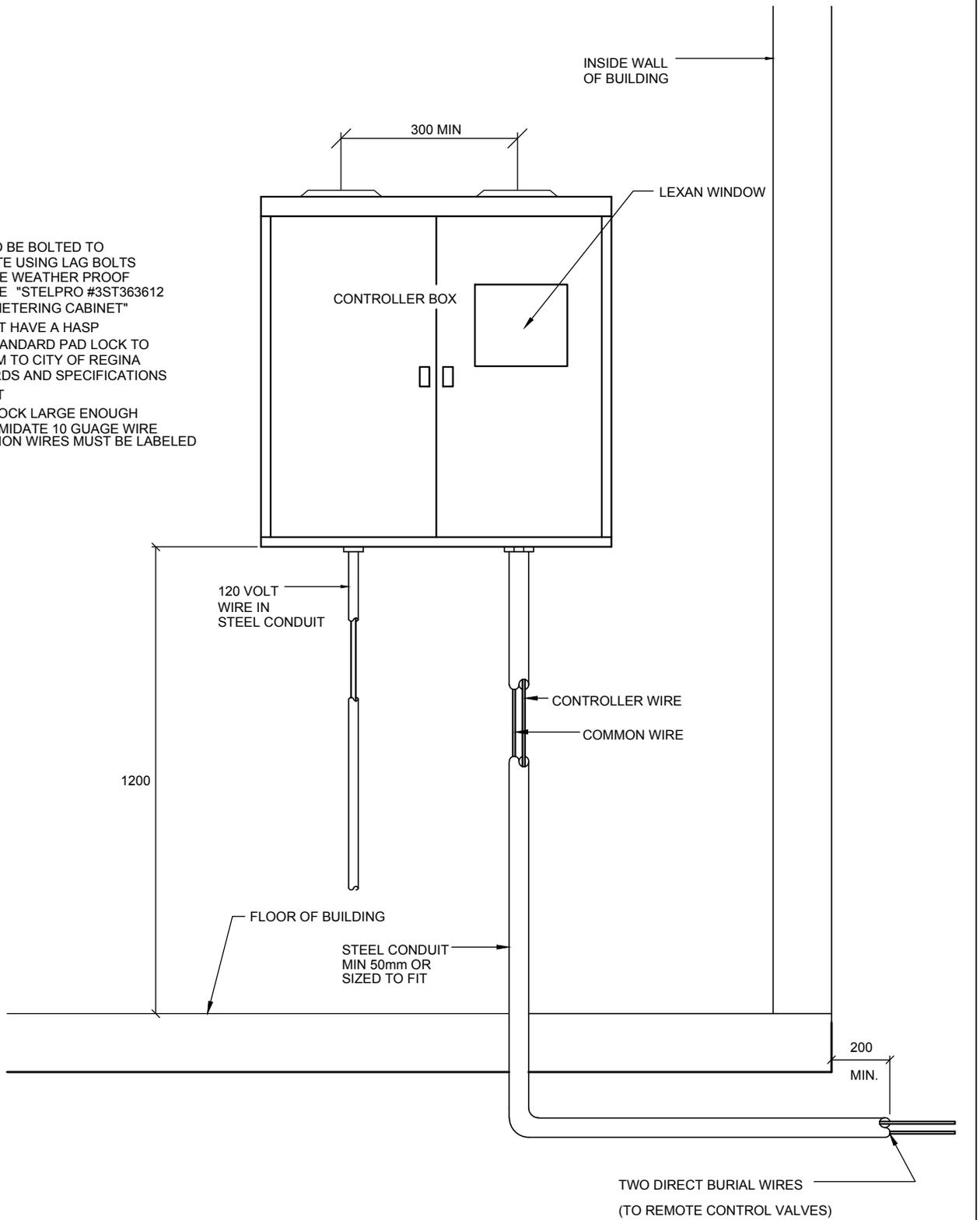


LANDSCAPE CONSTRUCTION STANDARDS  
**IRRIGATION - CONTROL BOX  
PEDESTAL MOUNTED**

Designed By: <b>DENNIS LOWTHIAN</b>		Approved:
Date 5-Aug-10	Scale NTS	<b>LI-5A</b>
Digital File: LI-5A - Ped Mntd Irrig Cntrl Bx with Mtr Socket.dwg		

**NOTES:**

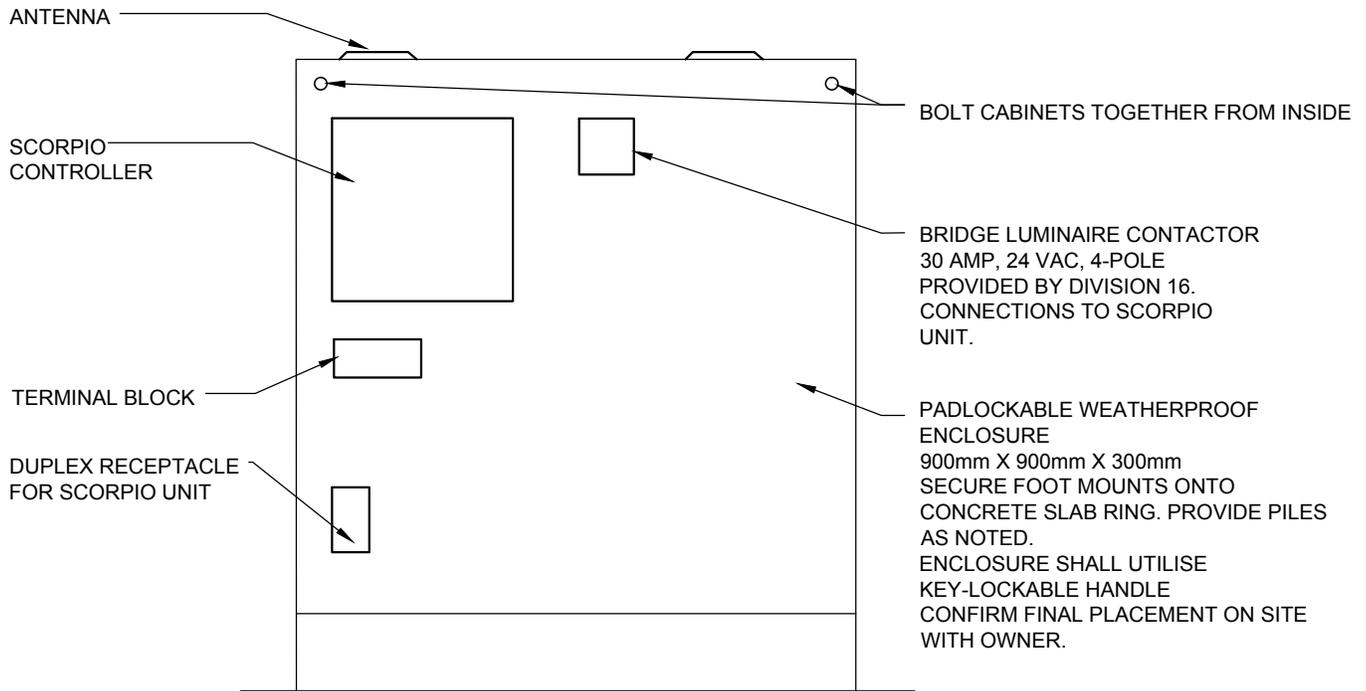
- CABINET IS TO BE BOLTED TO CONCRETE USING LAG BOLTS
  - CABINET TO BE WEATHER PROOF LOCKABLE "STELPRO #3ST363612 NEMA 3 METERING CABINET"
  - CABINET MUST HAVE A HASP FOR A STANDARD PAD LOCK TO CONFORM TO CITY OF REGINA STANDARDS AND SPECIFICATIONS
- INSIDE CABINET
- 1-TERMINAL BLOCK LARGE ENOUGH TO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



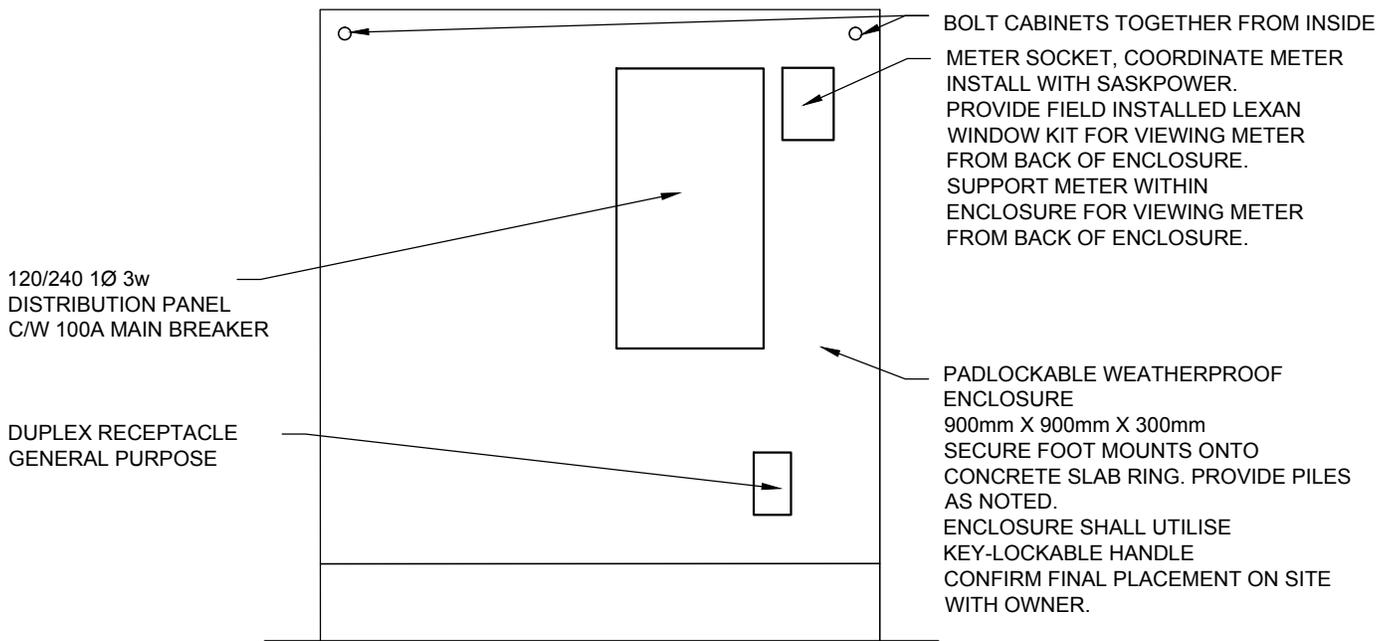
Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS		
IRRIGATION		
CONTROL BOX WALL MOUNT		
Designed By:	Approved:	
Date	Scale	LI-5B
17-Aug-10	N.T.S.	
Digital File: LI-5B - Wall Mount Control Box.dwg		



MAIN SERVICE ENCLOSURE - IRRIGATION

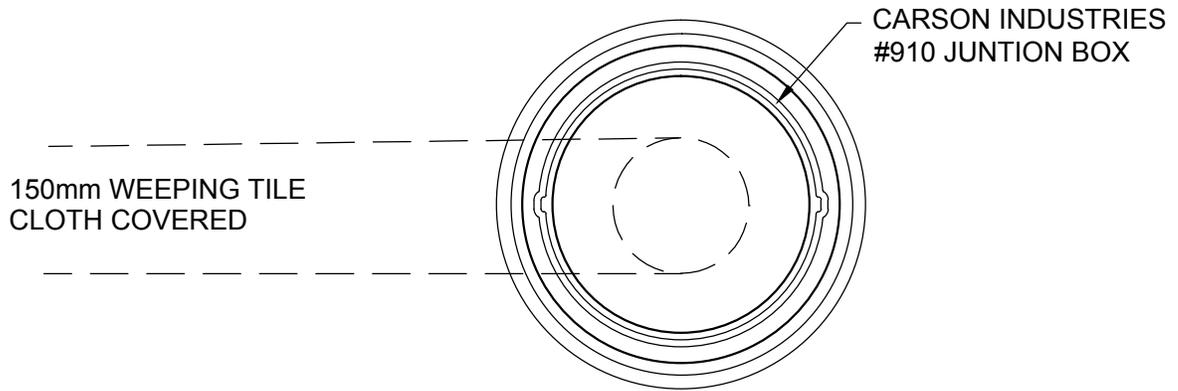


MAIN SERVICE ENCLOSURE - POWER

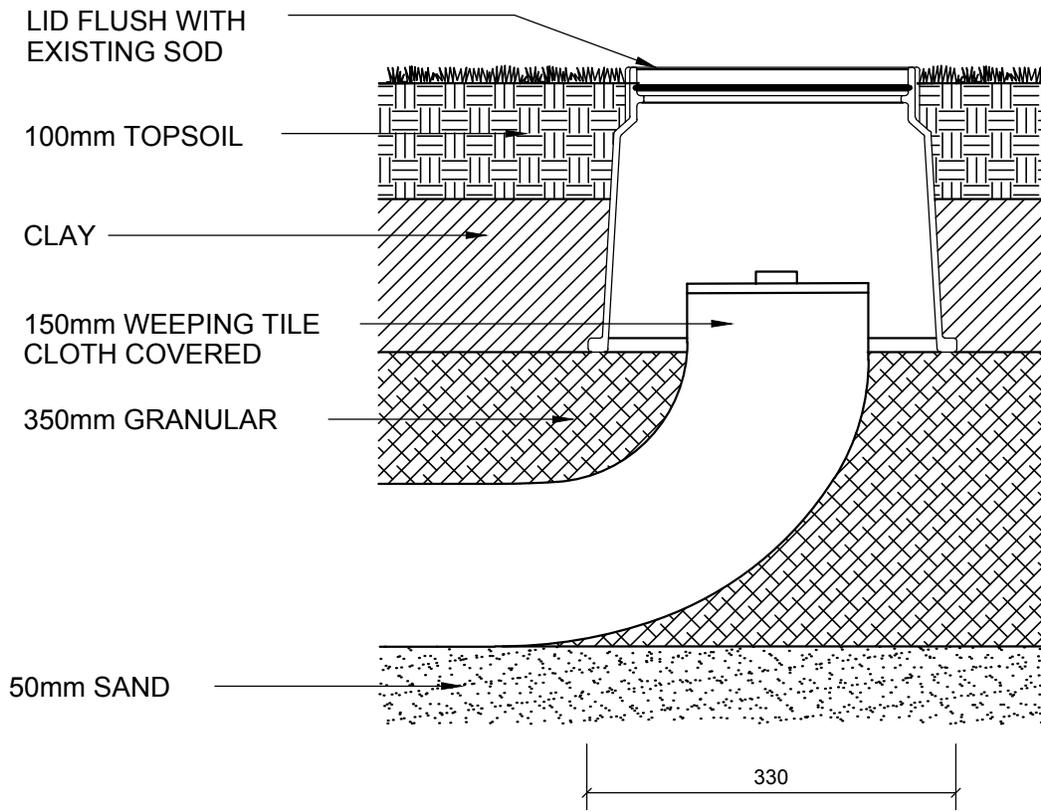
Date	Revisions	By
Feb-2010	Revised layout configuration, titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS		
IRRIGATION - CONTROL BOX		
INTERIOR LAYOUT		
Designed By:	Approved:	
DENNIS LOWTHIAN		
Date	Scale	
5-Aug-10	NTS	LI-5C
Digital File: LI-5C - Irrigation Control Box with Meter Socket Layout.dwg		



PLAN

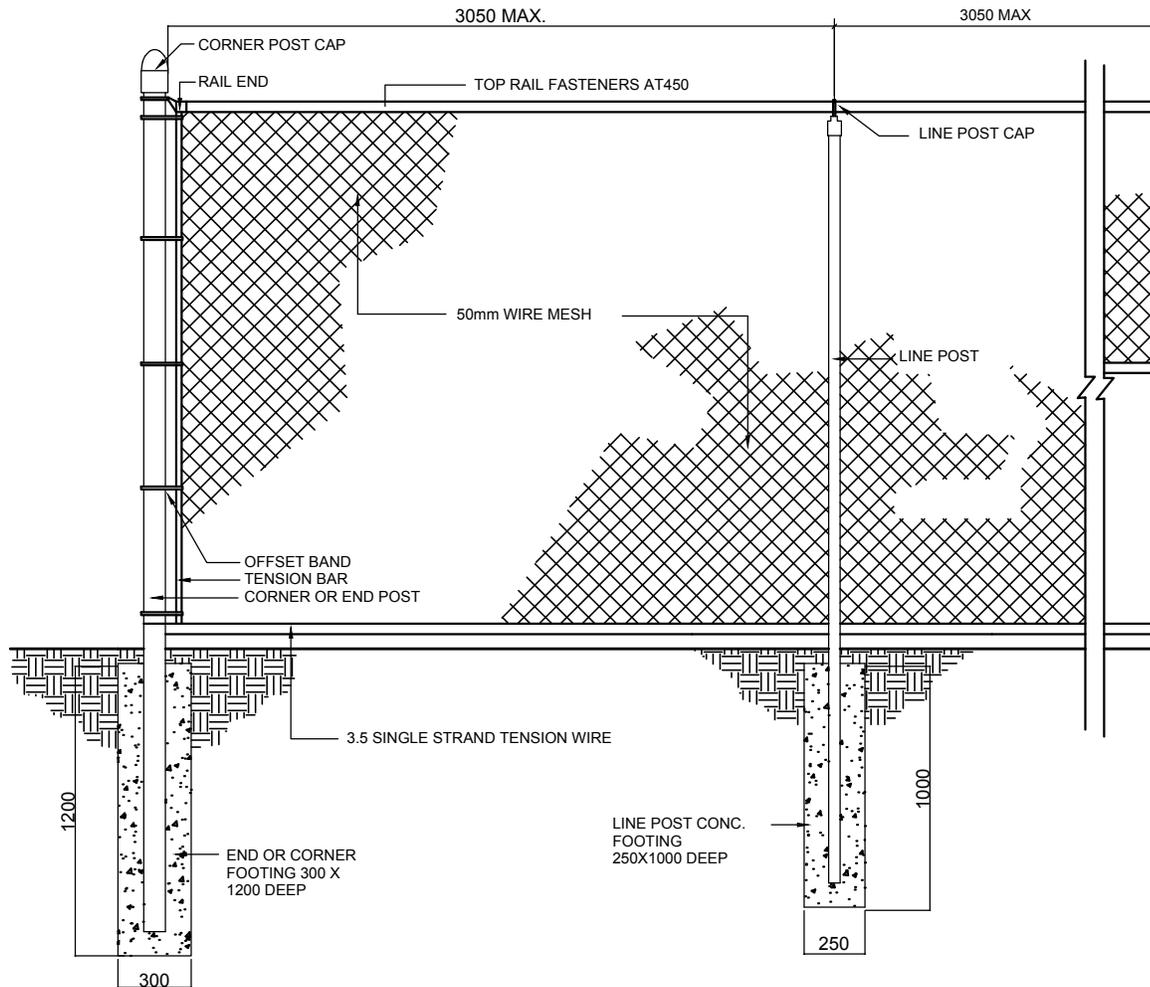


ELEVATION

Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS		
IRRIGATION		
WEeping TILE CLEANOUT ACCESS CYLINDER		
Designed By:	Approved:	
Date	Scale	LI-6
13-Aug-10	N.T.S.	
Digital File: LI-6 - Weeping Tile Cleanout Access Cylinder.dwg		



### 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

### 2440mm CHAINLINK FENCE

LINE POSTS - 60mm X 3280mm  
 CORNER POSTS - 89mm X 3500mm  
 TOP RAILS - 42.2mm X 6700mm  
 LINE POST CAPS - 60mm  
 CORNER POST CAPS - 89mm  
 SLEEVES - 42.2mm  
 RAIL ENDS - 42.2mm  
 CENTRE BANDS - 60mm - FOR LINE POSTS  
 CENTRE BANDS - 89mm - FOR CORNER POSTS  
 OFFSET BANDS - 89mm - FOR CORNER POSTS  
 TENSION BARS - 2440mm

### 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:

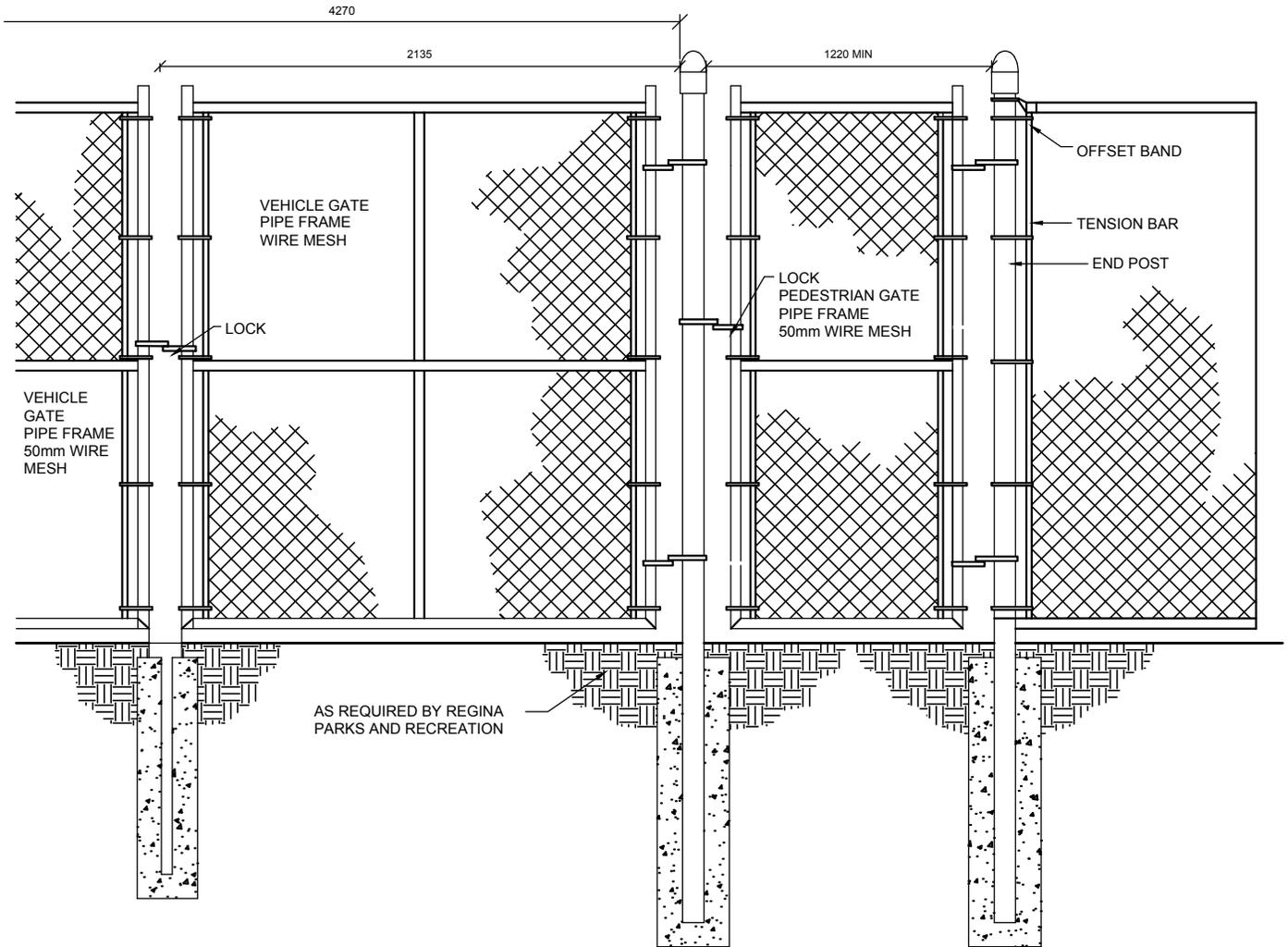
CONCRETE FOOTINGS SHALL BE 25 Mpa.  
 USE TENSION WIRE IN PLACE OF TOP RAIL  
 WITHIN 10 METRES OF ANY ROADWAY

Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS  
**MISCELLANEOUS DETAILS**  
**CHAINLINK FENCE DETAIL**

Designed By:		Approved:	
Date	Scale	LM-1A	
13-Aug-10	N.T.S.		
Digital File: LM-1A - Chainlink Fence Detail.dwg			



**NOTE: CONCRETE FOOTINGS SHALL BE 25Mpa. STRENGTH**

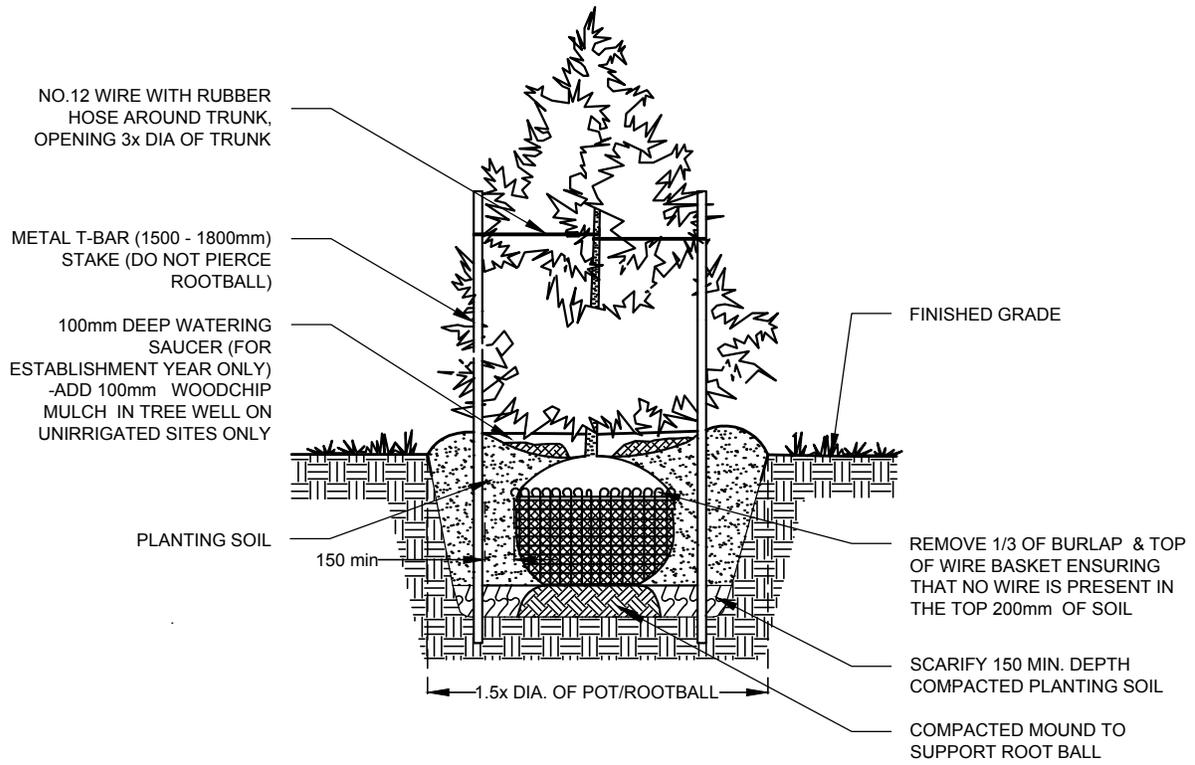
NOTE1: STRAIN POSTS SHALL BE INSTALLED AT A SPACING OF 150mm OR LESS  
 THE FOOTINGS SHALL BE THE SAME FOR CORNER AND END POSTS  
 FENCING SHALL BE GALVANIZED STEEL

NOTE2: LOCATION OF OPENINGS TO BE DETERMINED ON SITE

Date	Revisions	By
Feb-2010	Titleblock	MF

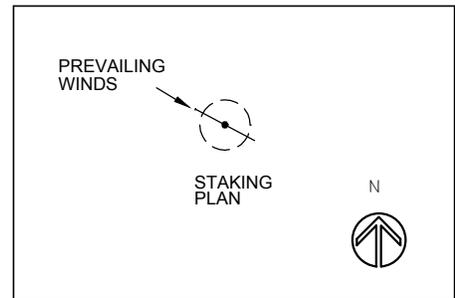


LANDSCAPE CONSTRUCTION STANDARDS		
MISCELLANEOUS DETAILS		
CHAINLINK FENCE DETAIL		
Designed By:	Approved:	
Date	Scale	LM-1B
13-Aug-10	N.T.S.	
Digital File: LM-1B - Chainlink Fence Detail.dwg		



**NOTES:**

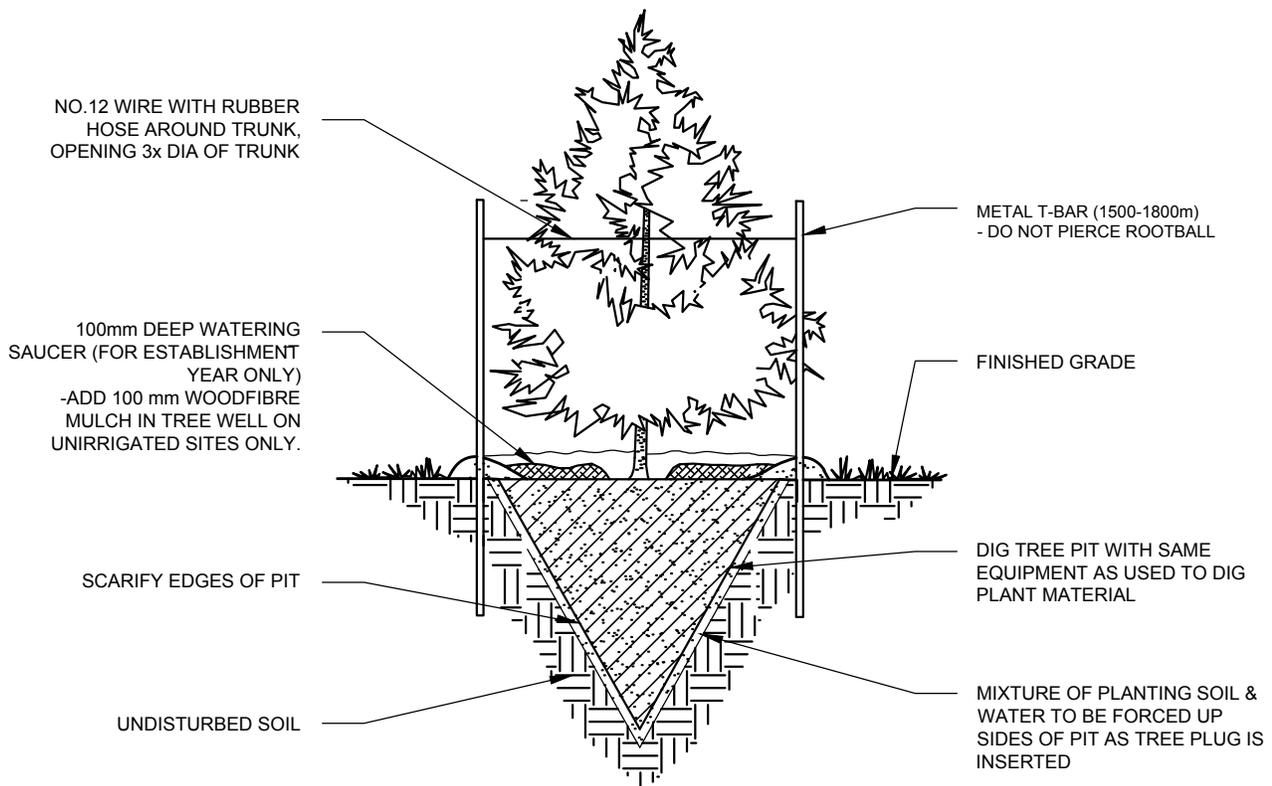
1. DEPENDING ON SITE CONDITIONS, AS WELL AS OTHER FACTORS, STAKING MAY NOT BE REQUIRED
2. STAKES & WIRE ARE TO BE CLEAR OF BRANCHES
3. ENSURE TREES WATERED SAME DAY AS PLANTED
4. TREES TO BE TAGGED WITH CITY OF REGINA ID TAG. TAGS TO BE LOCATED ON SOUTH SIDE OF TREE ON LATERAL BRANCH, 1.5m FROM GROUND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



Date	Revisions	By
Feb-2010	Titleblock, detail notes	MF

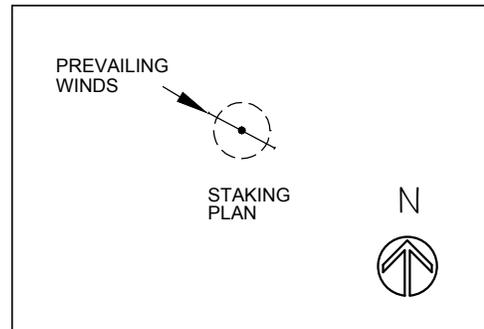


LANDSCAPE CONSTRUCTION STANDARDS		
LANDSCAPE PLANTING		
CONIFEROUS TREE - B&B (PIT)		
Designed By:	Approved:	
RAY MORGAN		
Date	Scale	
10-Aug-10	NTS	LP-1C
Digital File:	LP-1C - Coniferous Tree Planting Detail - B&B Pit.dwg	



**NOTES:**

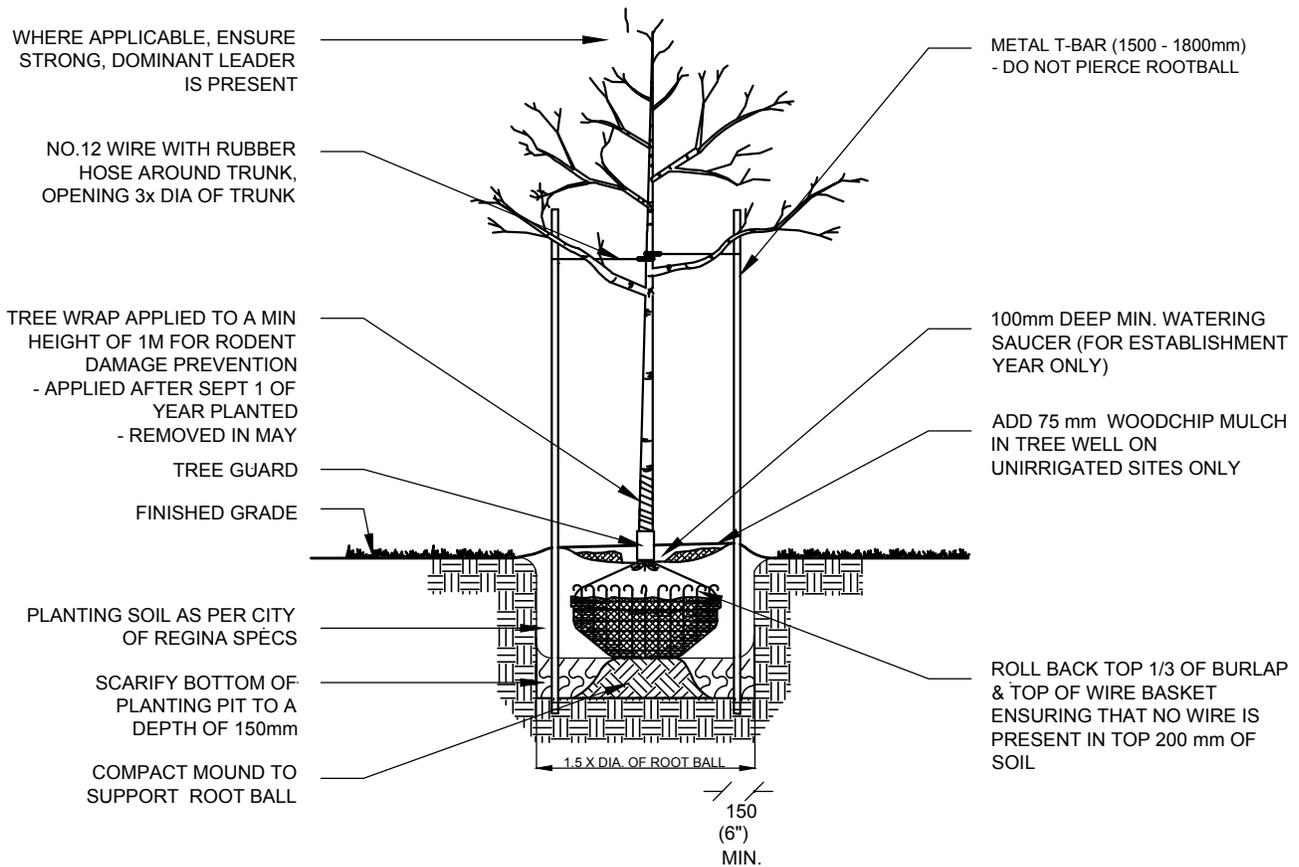
1. DEPENDING ON SITE CONDITIONS, AS WELL AS OTHER FACTORS, STAKING MAY NOT BE REQUIRED
2. STAKES & WIRE ARE TO BE CLEAR OF BRANCHES
3. ENSURE TREES WATERED SAME DAY AS PLANTED
4. TREES TO BE TAGGED WITH CITY OF REGINA ID TAG. TAGS TO BE LOCATED ON SOUTH SIDE OF TREE ON LATERAL BRANCH, 1.5m FROM GROUND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



Date	Revisions	By
Feb-2010	Titleblock, detail notes	MF

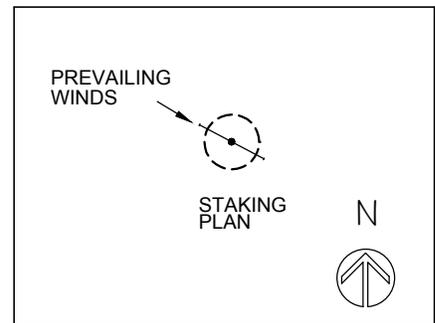


LANDSCAPE CONSTRUCTION STANDARDS		
LANDSCAPE PLANTING		
CONIFEROUS TREE - TREE SPADE		
Designed By:	Approved:	
RAY MORGAN		
Date	Scale	
13-Aug-10	NTS	LP-1E
Digital File:	LP-1E - Coniferous Tree Planting Detail - Tree Spade.dwg	



**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



Date	Revisions	By
Feb-2010	Titleblock, Detail Notes	MF



LANDSCAPE CONSTRUCTION STANDARDS		
LANDSCAPE PLANTING		
DECIDUOUS TREE - B&B (PIT)		
Designed By:	RAY MORGAN	
Date:	Scale:	Approved:
10-Aug-10	NTS	LP-2C
Digital File: LP-2C - Deciduous Tree Planting Detail - B&B Pit.dwg		

WHERE APPLICABLE, ENSURE STRONG, DOMINANT LEADER IS PRESENT

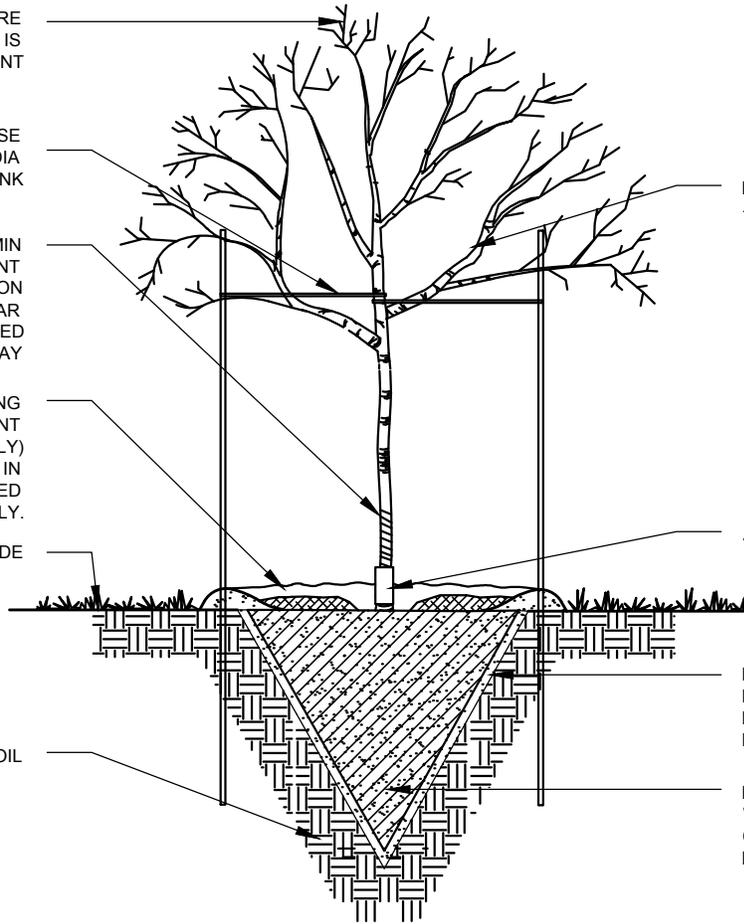
NO.12 WIRE WITH RUBBER HOSE AROUND TRUNK, OPENING 3x DIA OF TRUNK

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

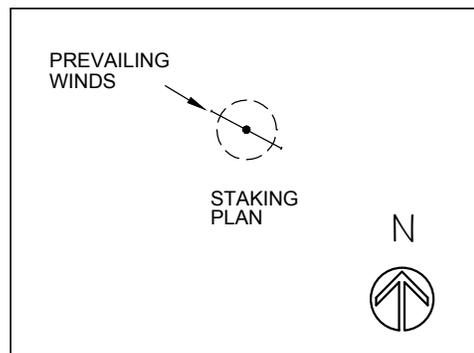
ARBOR GUARD AG9-4

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



Date	Revisions	By
Feb-2010	Titleblock, Detail Notes	MF

City of Regina | **REGINA**  
Infinite Horizons

LANDSCAPE CONSTRUCTION STANDARDS  
**LANDSCAPE PLANTING**  
**DECIDUOUS TREE SPADE DETAIL**

Designed By: <b>RAY MORGAN</b>	Approved:
Date 17-Aug-10	Scale NTS
<b>LP-2F</b>	
Digital File: LP-2F - Deciduous Tree Planting Detail - Tree Spade.dwg	

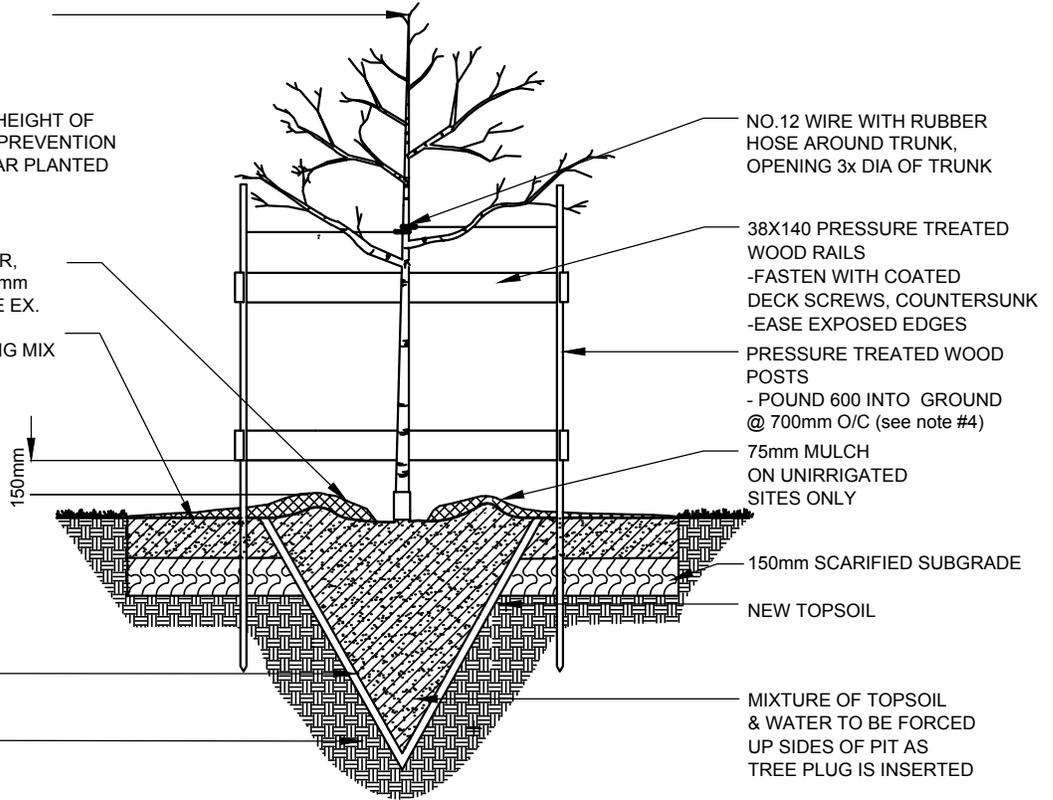
WHERE APPLICABLE, ENSURE STRONG, DOMINANT LEADER IS PRESENT

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



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

38X140 PRESSURE TREATED WOOD RAILS  
 - FASTEN WITH COATED DECK SCREWS, COUNTERSUNK  
 - EASE EXPOSED EDGES

PRESSURE TREATED WOOD POSTS  
 - POUND 600 INTO GROUND @ 700mm O/C (see note #4)

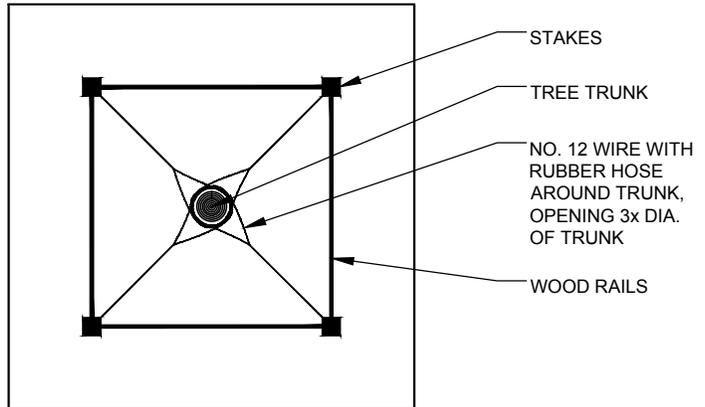
75mm MULCH ON UNIRRIGATED SITES ONLY

150mm SCARIFIED SUBGRADE  
 NEW TOPSOIL

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

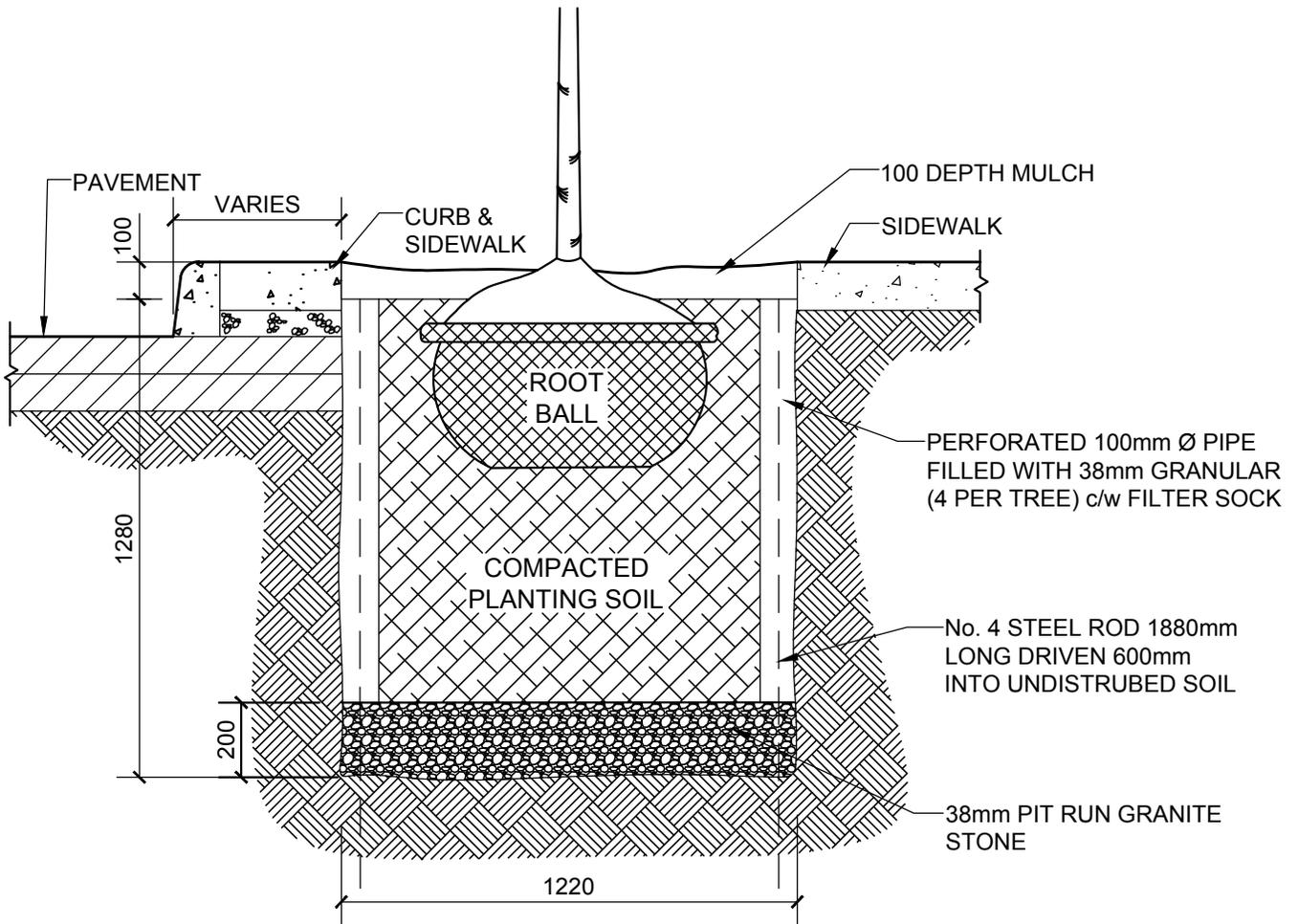


TOP VIEW

Date	Revisions	By
Feb-2010	Titleblock, Detail Notes	MF



LANDSCAPE CONSTRUCTION STANDARDS		
<b>LANDSCAPE PLANTING</b>		
<b>DEDICIOUS TREE IN SCHOOL YARD</b>		
Designed By:	Approved:	
RAY MORGAN		
Date	Scale	
10-Aug-10	NTS	LP-21
Digital File: LP-21 - Deciduous Tree Planting Detail in Schol Yard - Tree Spade.dwg		

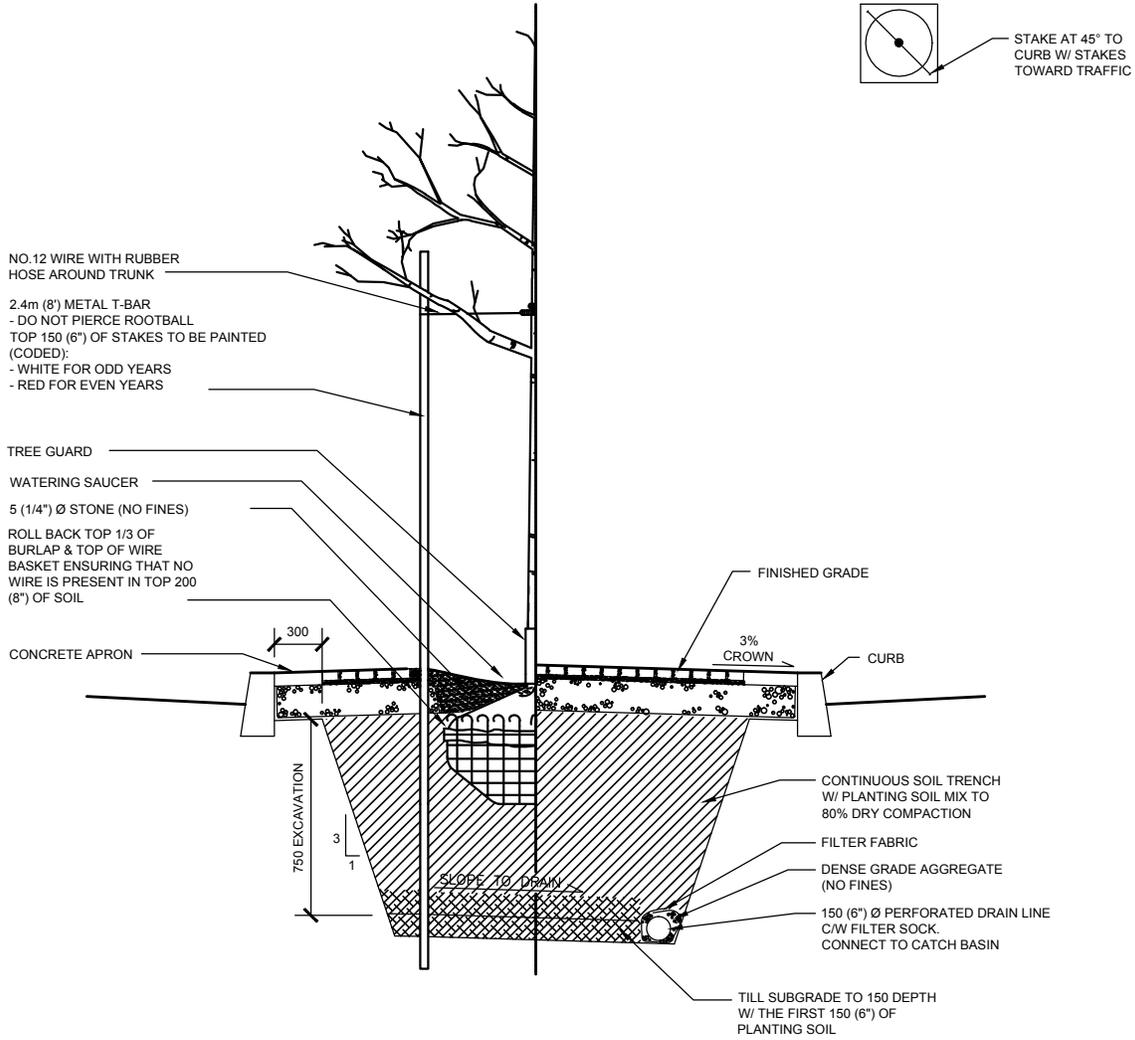


Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS		
LANDSCAPE PLANTING		
SIDEWALK TREE PLANTING		
Designed By:	Approved:	
Date	Scale	LP-5
13-Aug-10	N.T.S.	
Digital File: LP-5 - Sidewalk Tree Planting Detail.dwg		

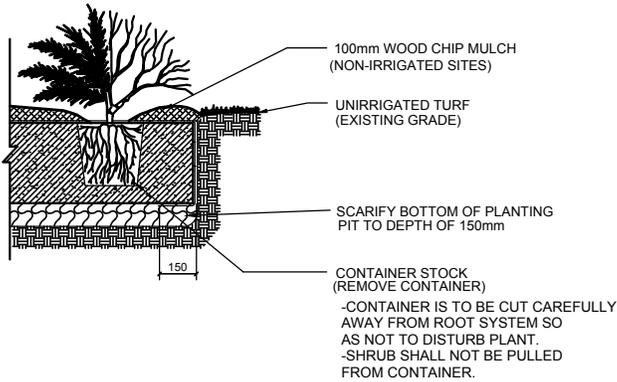
NOTE:  
 THIS DETAIL IS DESIGNED FOR A 3.6m WIDTH MEDIAN WITH  
 TREES SPACED AT 10m o/c TO ACCOMMODATE 28m<sup>3</sup> OF SOIL PER  
 TREE W/ 400 □ TRUNK AT MATURITY. ANY SIGNIFICANT  
 VARIATIONS IN TREE SPACING OR MEDIAN WIDTH WILL REQUIRE  
 ADJUSTMENTS TO THE DETAIL TO MEET NECESSARY SOIL  
 VOLUME.



Date	Revisions	By
Feb-2010	Titleblock	MF

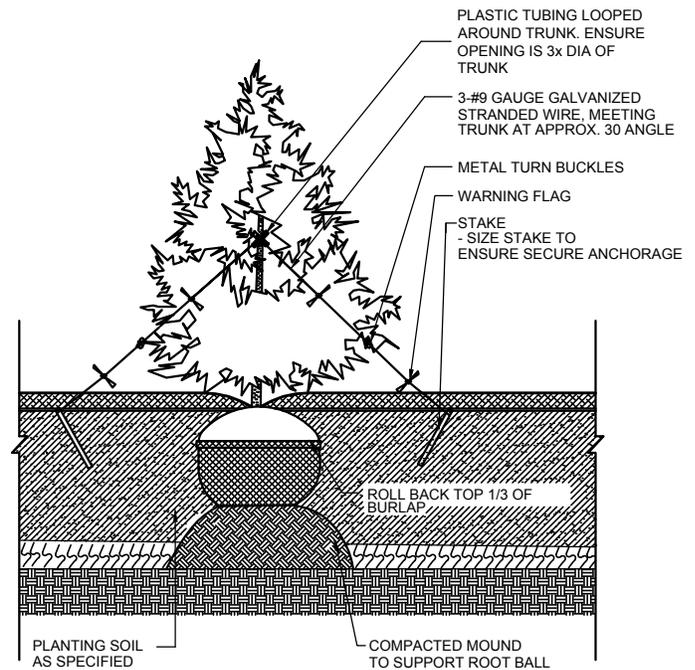
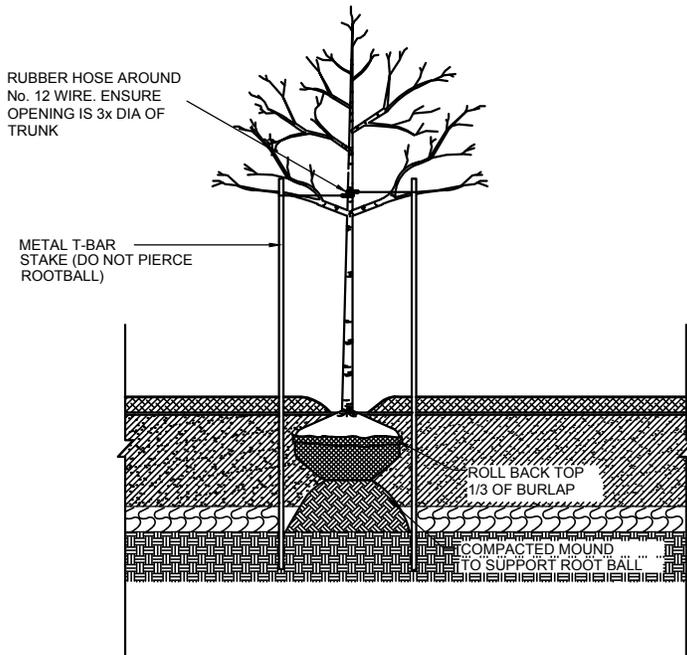


LANDSCAPE CONSTRUCTION STANDARDS		
LANDSCAPE PLANTING		
MEDIAN TREE PLANTING-CONTINUOUS SOIL TRENCH		
Designed By:	Approved:	
RAY MORGAN		
Date	Scale	
13-Aug-10	NTS	LP-6A
Digital File: LP-6A - Median Tree Planting Detail - Continuous Soil Trench.dwg		



**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

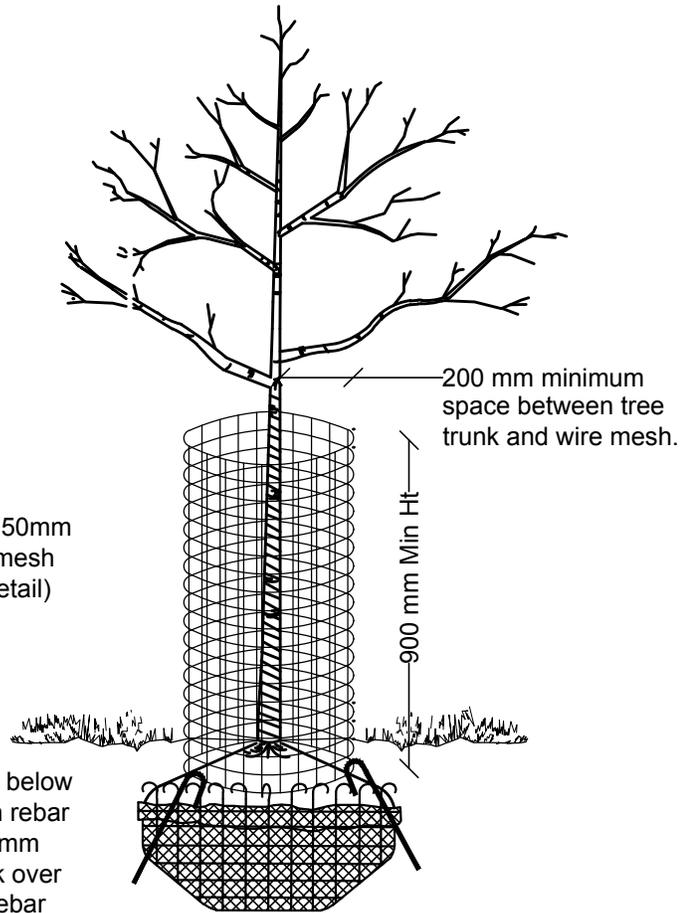


Date	Revisions	By
Feb-2010	Titleblock, Detail Notes	MF



LANDSCAPE CONSTRUCTION STANDARDS		
LANDSCAPE PLANTING		
B&B/CONTAINER TREES & SHRUBS IN BED		
Designed By:	Approved:	
RAY MORGAN		
Date	Scale	
10-Aug-10	NTS	LP-7
Digital File: LP-7 - Tree & Shrub Planting Details - B&B Trees & Container Shrub in Bed.dwg		

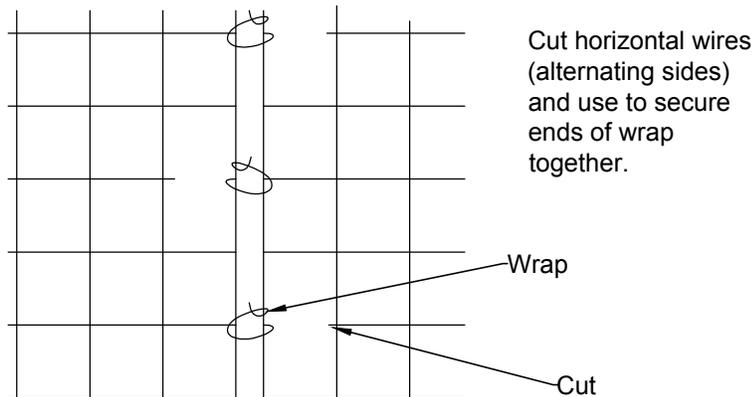
FRONT VIEW



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.

CONNECTION DETAIL



Date	Revisions	By
Feb-2010	New Detail	MF

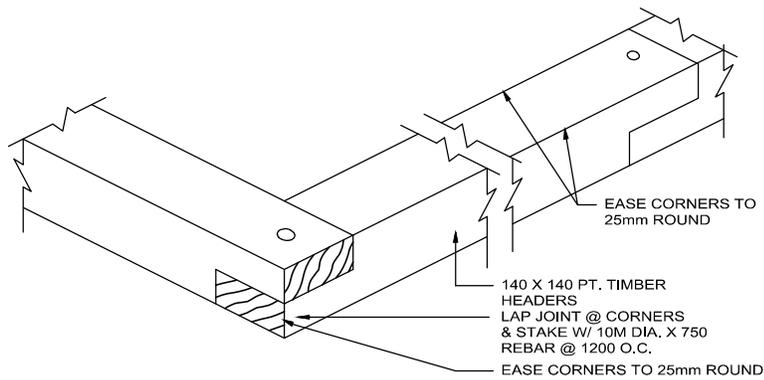
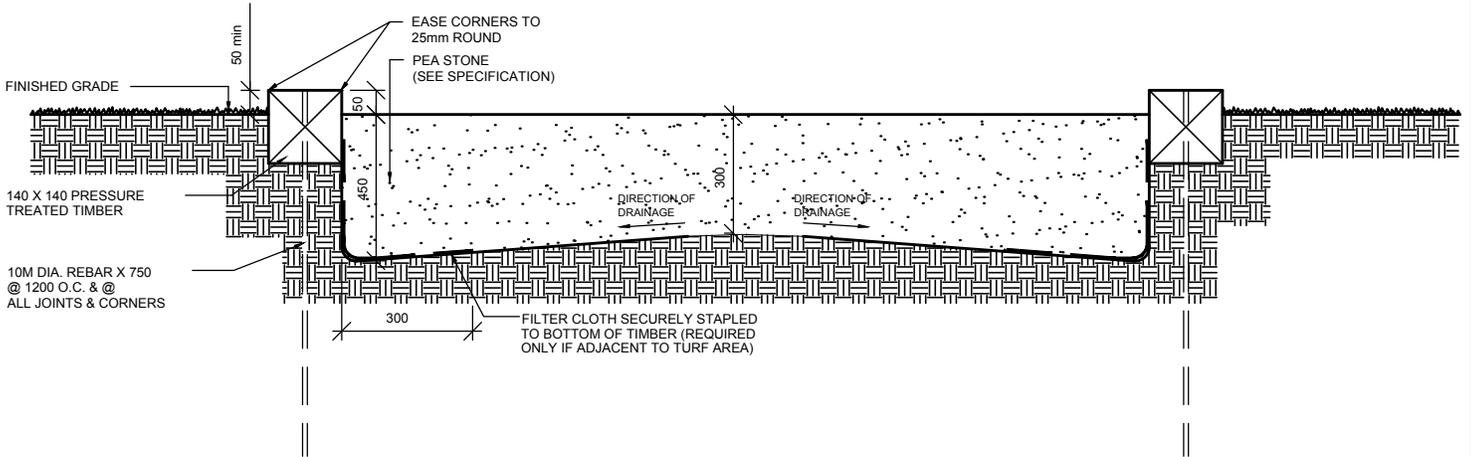


LANDSCAPE CONSTRUCTION STANDARDS

LANDSCAPE PLANTING  
BEAVER GUARD

Designed By: RAY MORGAN		Approved:
Date 5-Aug-10	Scale NTS	LP-10
Digital File: LP10 - Beaver guard detail.dwg		





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:

IOS SEIVE SIZE	PERCENT PASSING
12mm	100
5mm	0 - 10
2mm	0 - 1

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

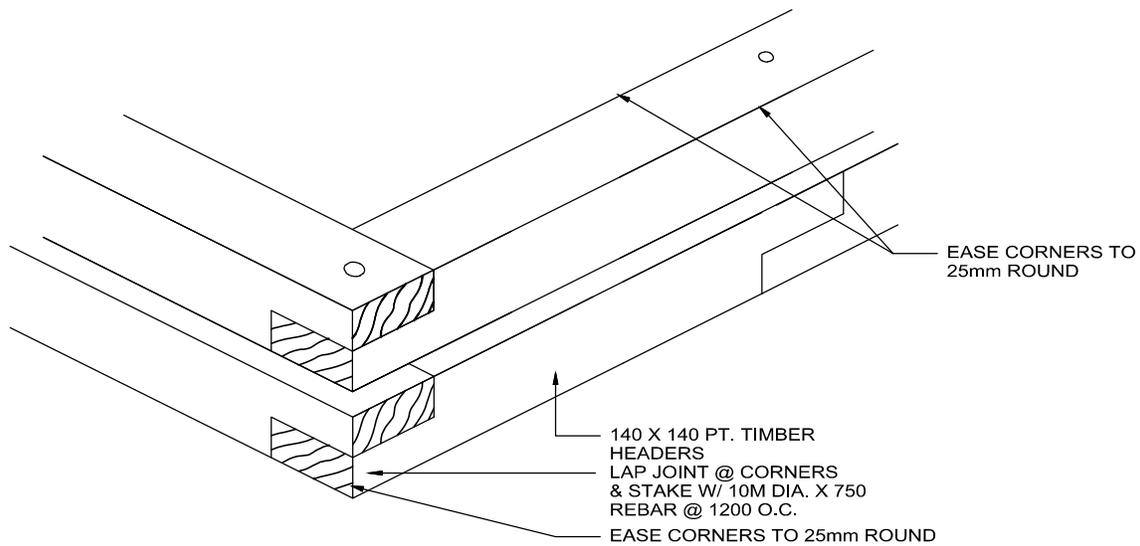
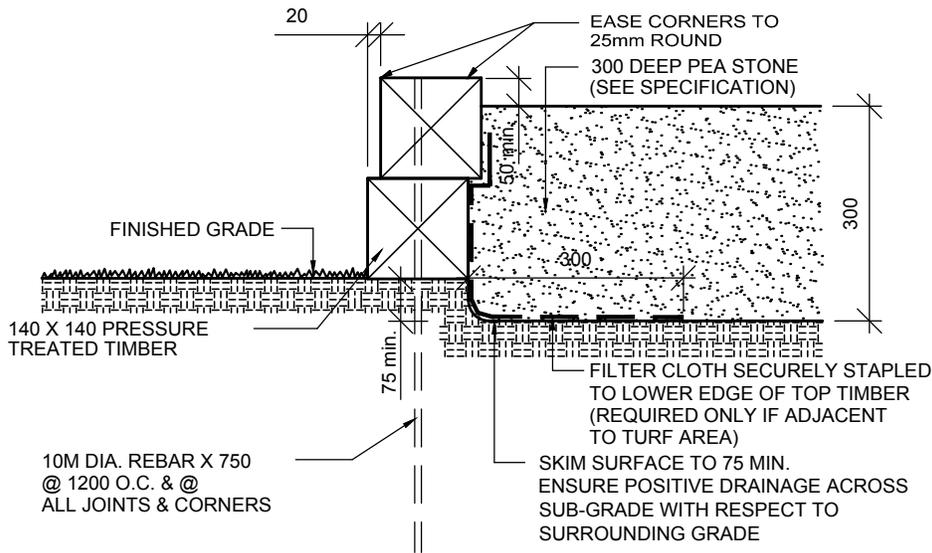
SPECIFICATION:  
PEASTONE: ROUNDED WASHED ROCK

Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS  
**LANDSCAPE SURFACE**  
TIMBER EDGE & CORNER DETAIL

Designed By:		Approved:	
Date	Scale	LS-3B	
13-Aug-10	N.T.S.		
Digital File: LS-3B - Timber Edge and Corner Detail.dwg			



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:

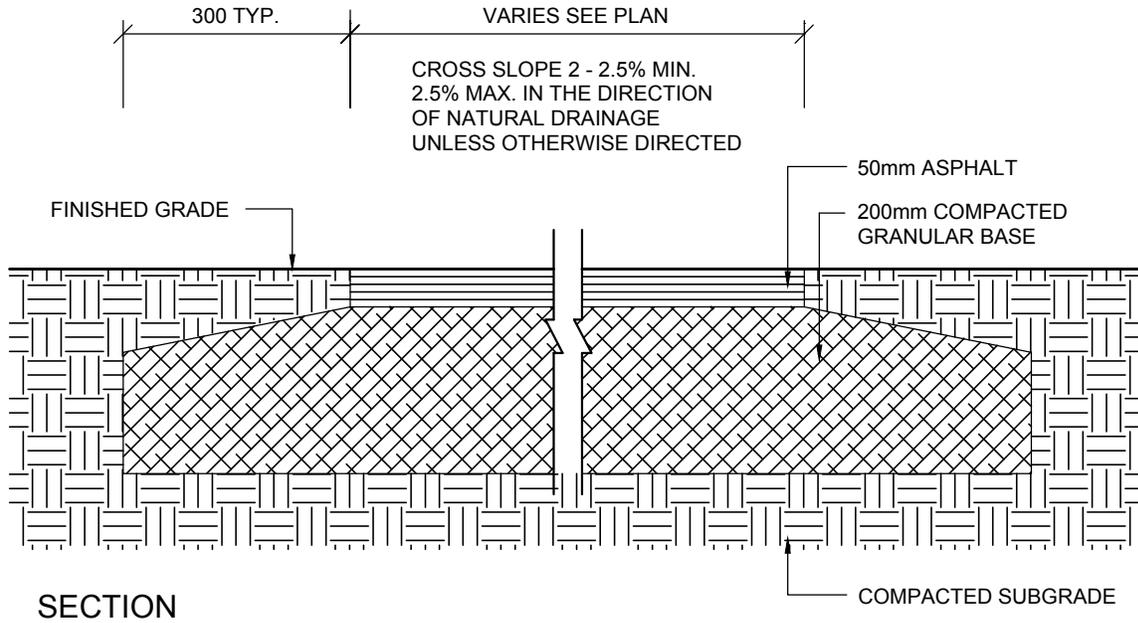
IOS SEIVE SIZE	PERCENT PASSING
12mm	100
5mm	0 - 10
2mm	0 - 1

Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS  
**LANDSCAPE SURFACE**  
ABOVE GRADE TIMBER EDGE & CORNER

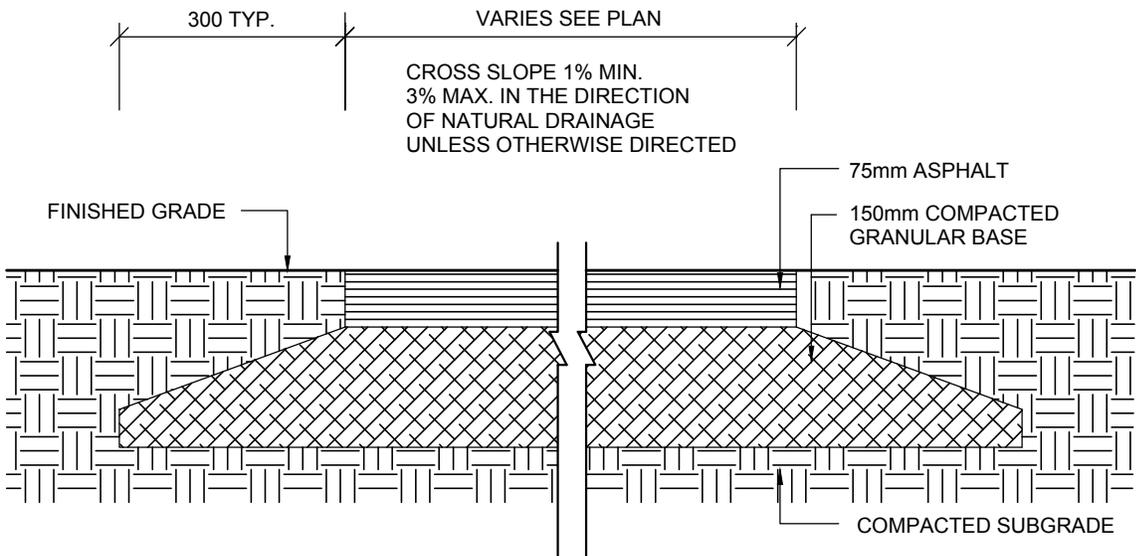
Designed By:	Approved:
Date 13-Aug-10	Scale N.T.S.
<b>LS-3C</b>	
Digital File: LS-3C - Above Grade Timber Edge and Corner Detail.dwg	



Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS		
LANDSCAPE SURFACE		
ASPHALT PATHWAY DETAIL (TYPE A)		
Designed By:	Approved:	
Date	Scale	LS-6A
13-Aug-10	N.T.S.	
Digital File: LS-6A - Asphalt Pathway Detail (Type A).dwg		

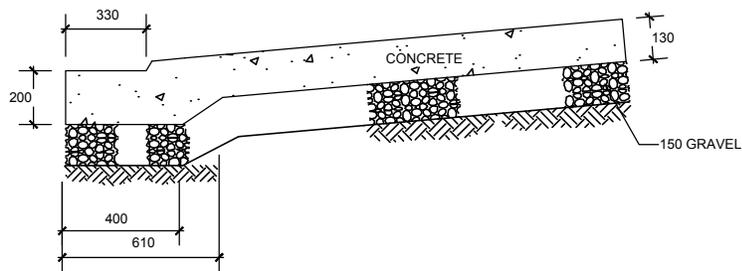
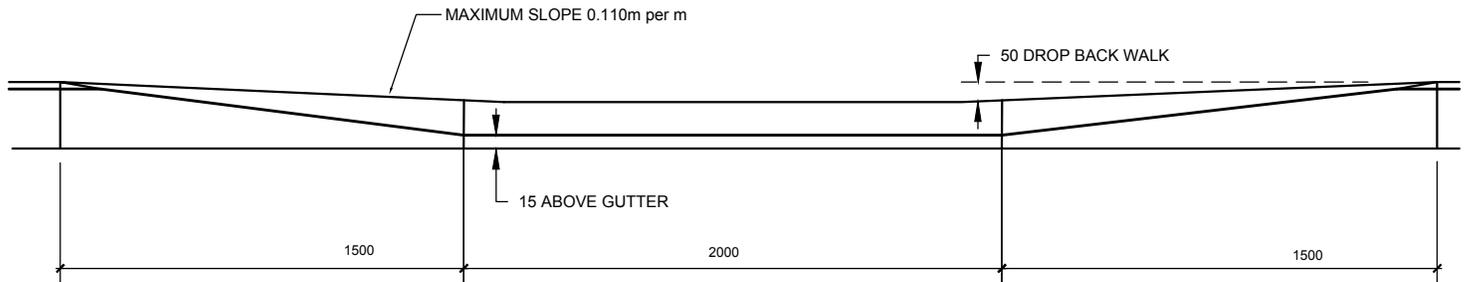
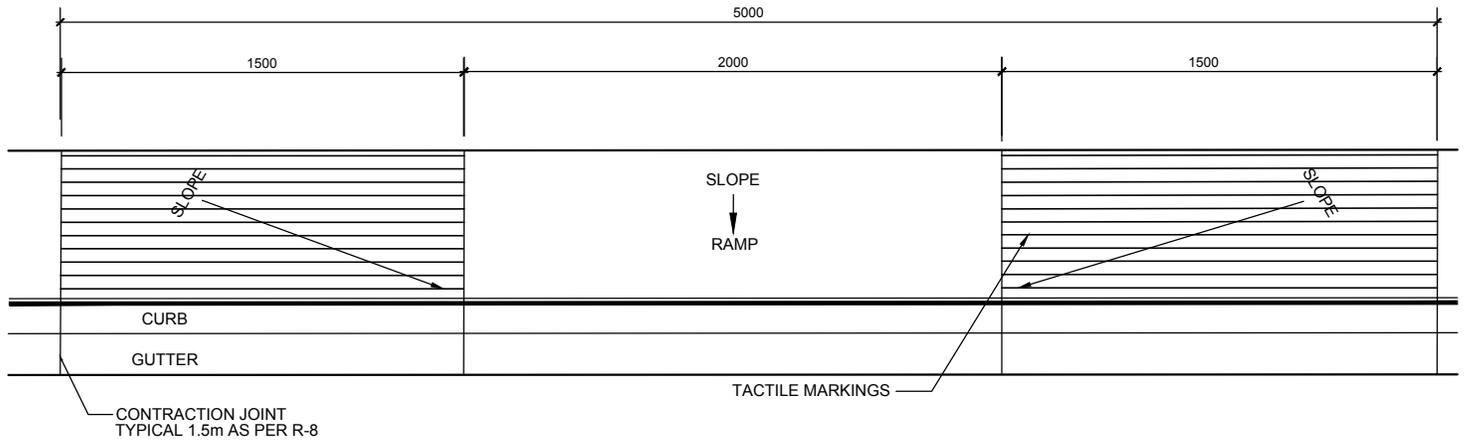


Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS  
**LANDSCAPE SURFACE**  
 ASPHALT PATHWAY (TYPE B)

Designed By:		Approved:	
Date	Scale	LS-6B	
13-Aug-10	N.T.S.		
Digital File: LS-6B - Asphalt Pathway Detail (type B).dwg			



Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS		
LANDSCAPE SURFACE		
PATHWAY RAMP AT MID BLOCK CROSSING		
Designed By:	Approved:	
Date	Scale	
13-Aug-10	N.T.S.	LS-7
Digital File: LS-7 - Pathway Ramp at Midblock Crossing.dwg		