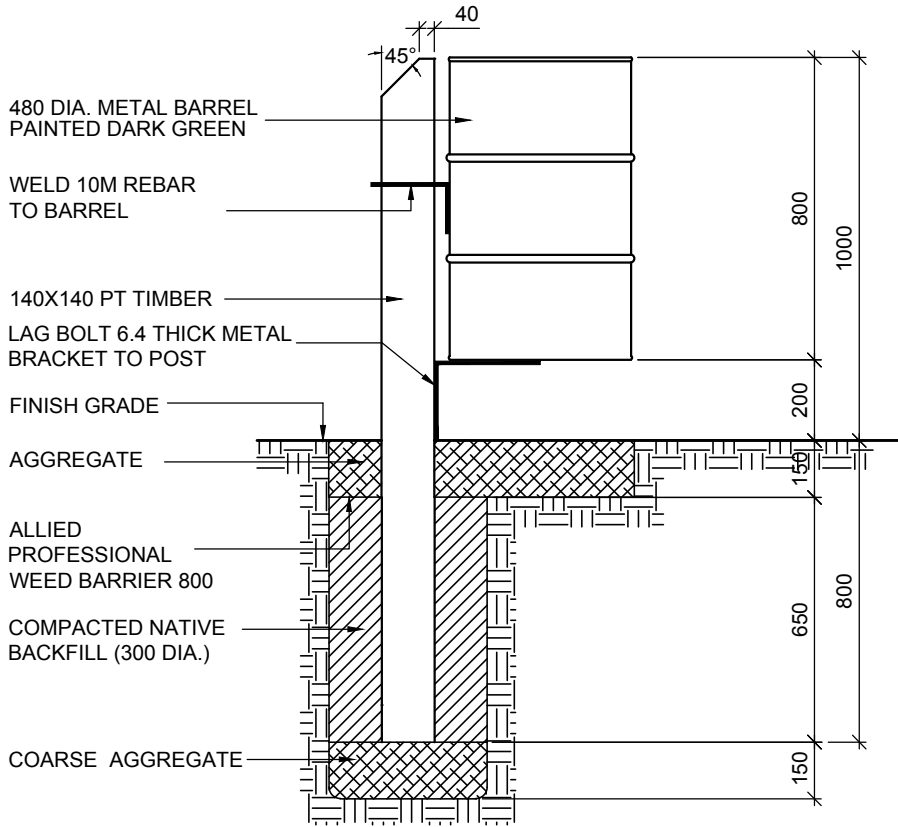
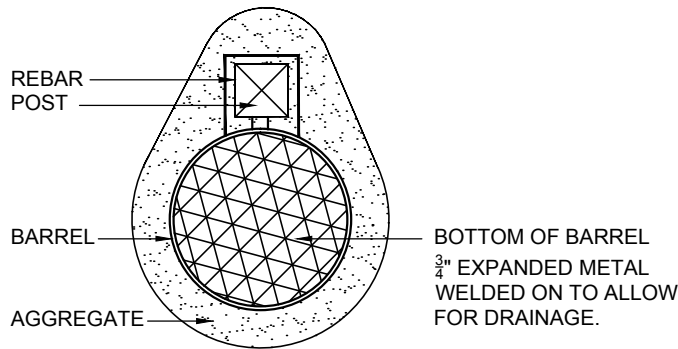

LF-1	Site Furnishings Trash Barrel With Stand	Jan/99
LF-2A	Site Furnishings Wood Bollard	Jan/99
LF-2C	Site Furnishings Removable Wood/Steel Bollard	Mar/00
LF-2D	Site Furnishings Removable Wood/Steel Bollard-Sections & Details	Jul/05
LF-3B	Site Furnishings Bench\Trash Bin Layouts	May/04
LF-3D	Site Furnishings 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

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

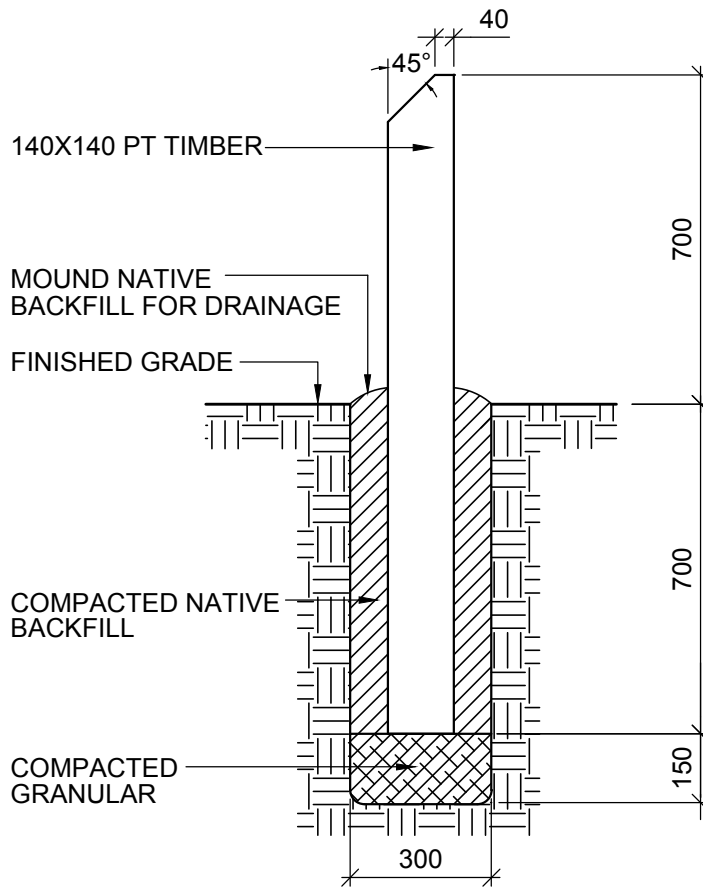


PLAN

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



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

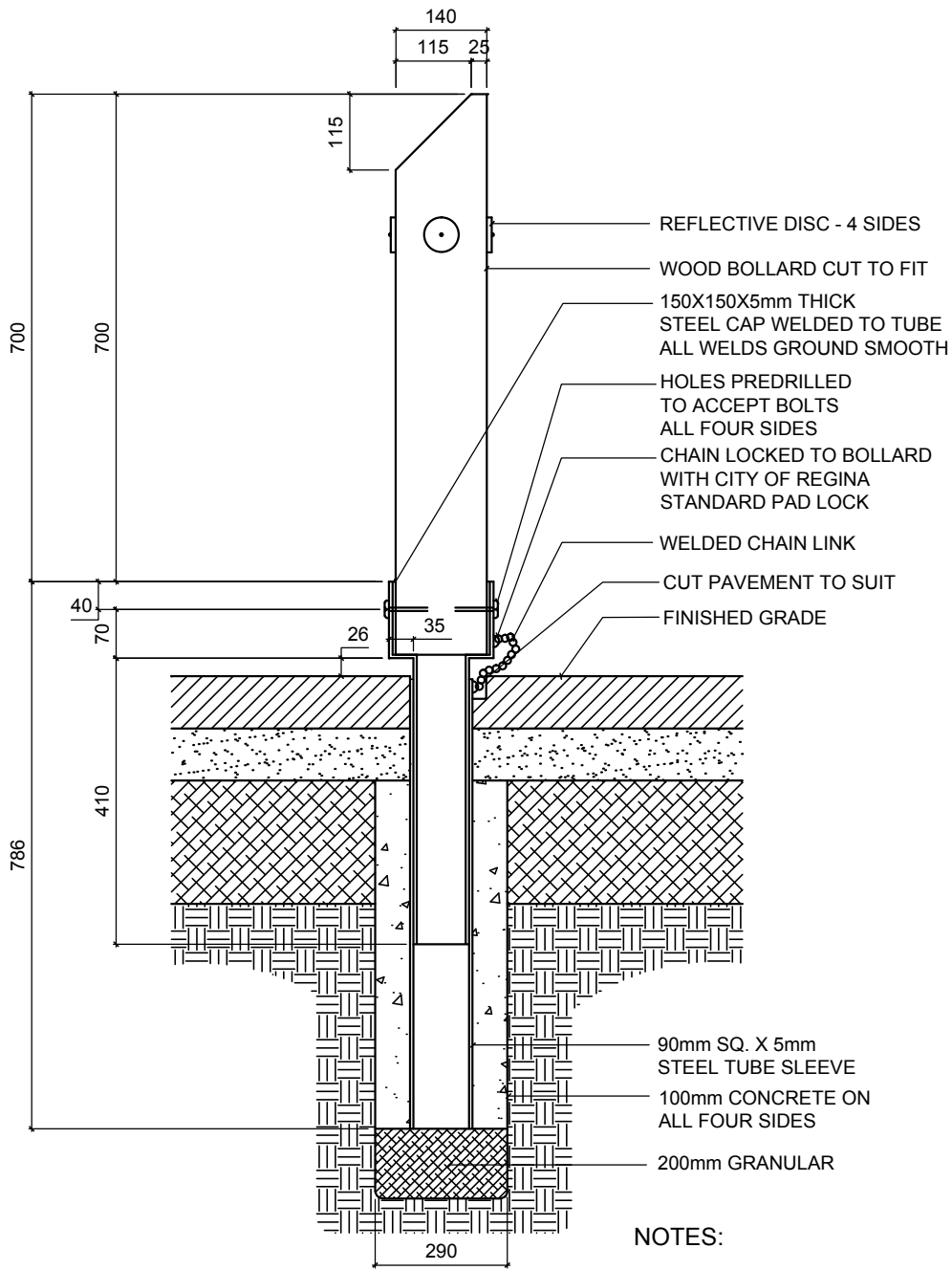


SECTION

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.

- REFLECTIVE DISC - 4 SIDES
- 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

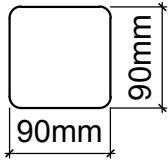
PAINT ALL PIECES WITH SEMI-GLOSS YELLOW TREMCLAD RUSTPROOFING

CONCRETE TO BE TYPE B 25mpa

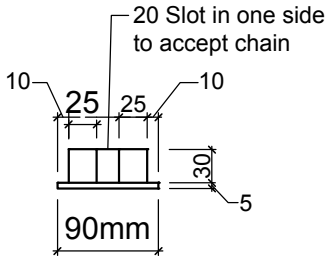
Date	Revisions	By
Aug-2010	Titleblock	MF



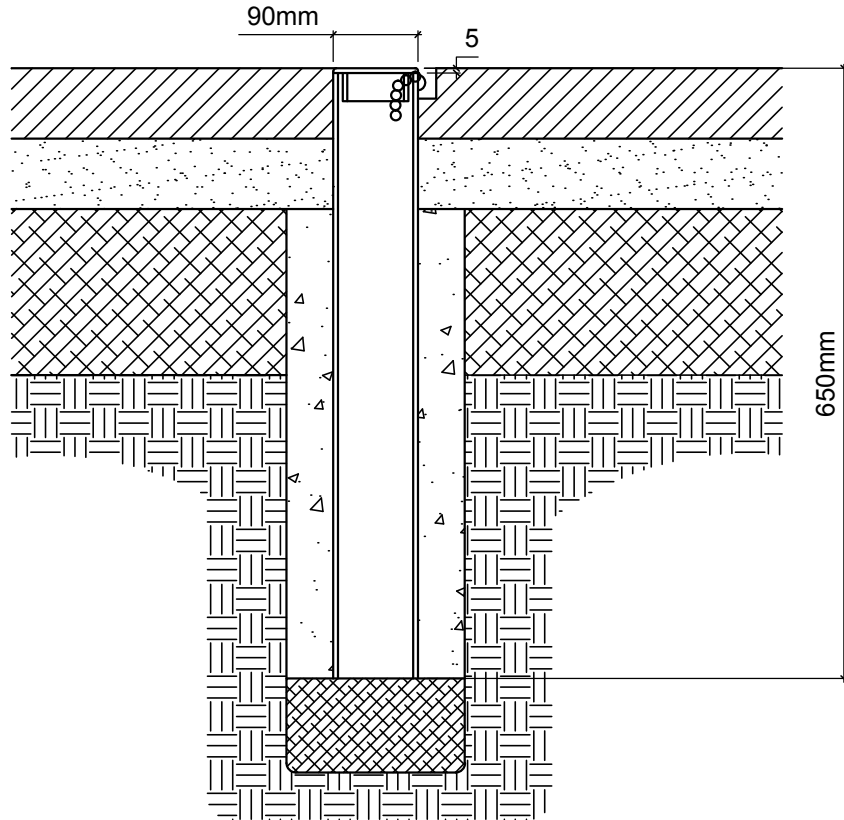
LANDSCAPE CONSTRUCTION STANDARDS		
SITE FURNISHINGS		
REMOVEABLE WOOD/STEEL BOLLARD		
Designed By:	Approved:	
Date	Scale	LF-2C
16-Aug-10	N.T.S.	
Digital File: LF-2C,D- Removeable Wood and Steel Bollard.dwg		



CAP DETAIL
N.T.S.



CAP DETAIL
N.T.S.

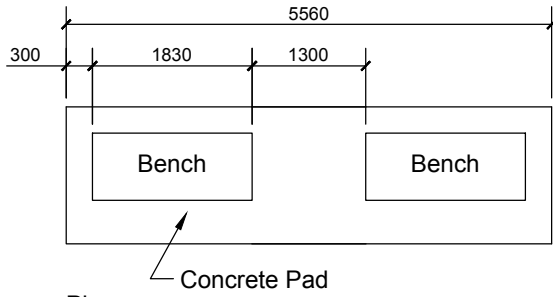


SECTION WITH BOLLARD REMOVED
N.T.S.

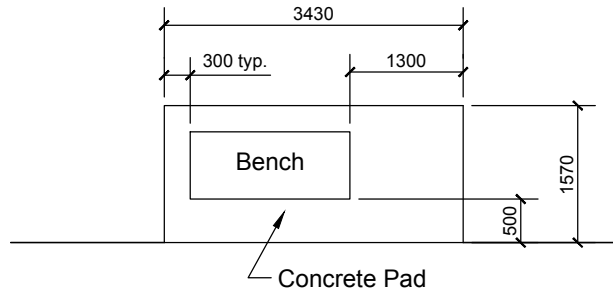
Date	Revisions	By
Aug-2010	Titleblock	MF



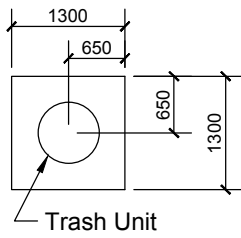
LANDSCAPE CONSTRUCTION STANDARDS		
SITE FURNISHINGS		
REMOVEABLE BOLLARD - DETAILS		
Designed By:		Approved:
Date	Scale	LF-2D
12-Aug-10	N.T.S.	
Digital File: LF-2C,D- Removeable Wood and Steel Bollard.dwg		



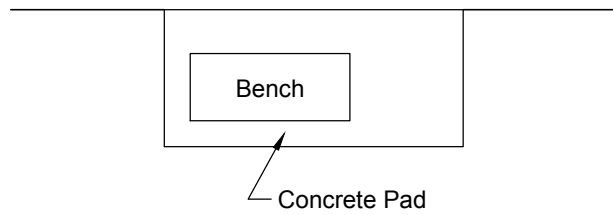
Plan
Layout Type A



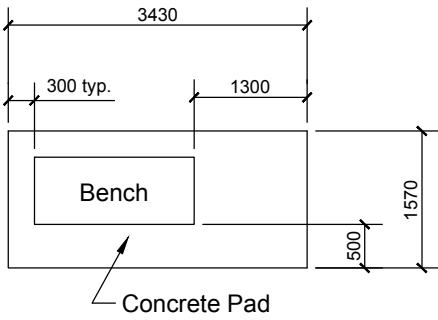
Pathway



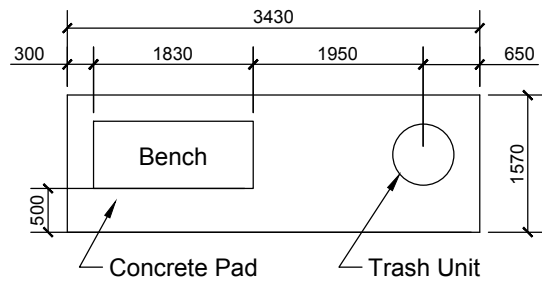
Plan
Layout Type C



Plan
Layout Type B



Plan
Layout Type D

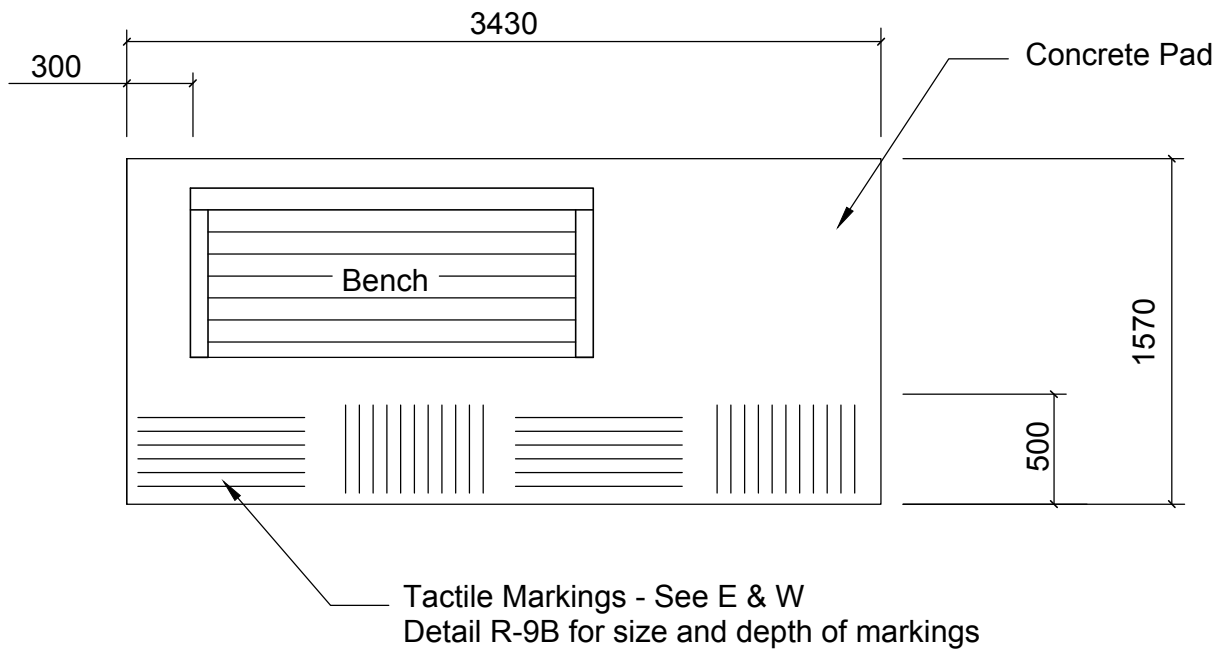


Plan
Layout Type E

Date	Revisions	By
Feb-2010	Titleblock	MF



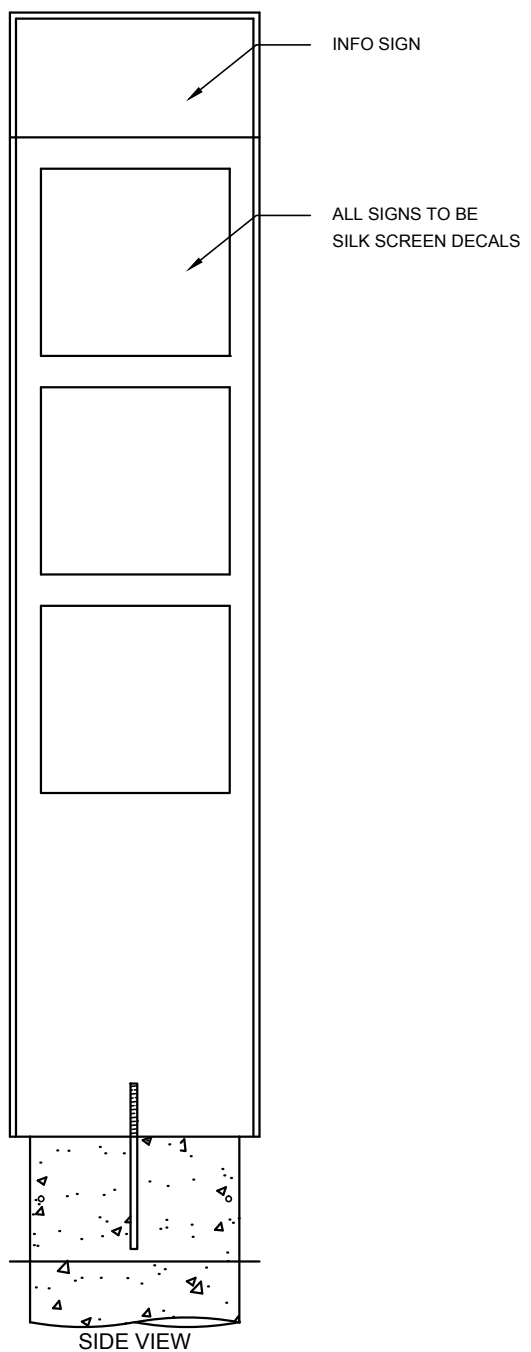
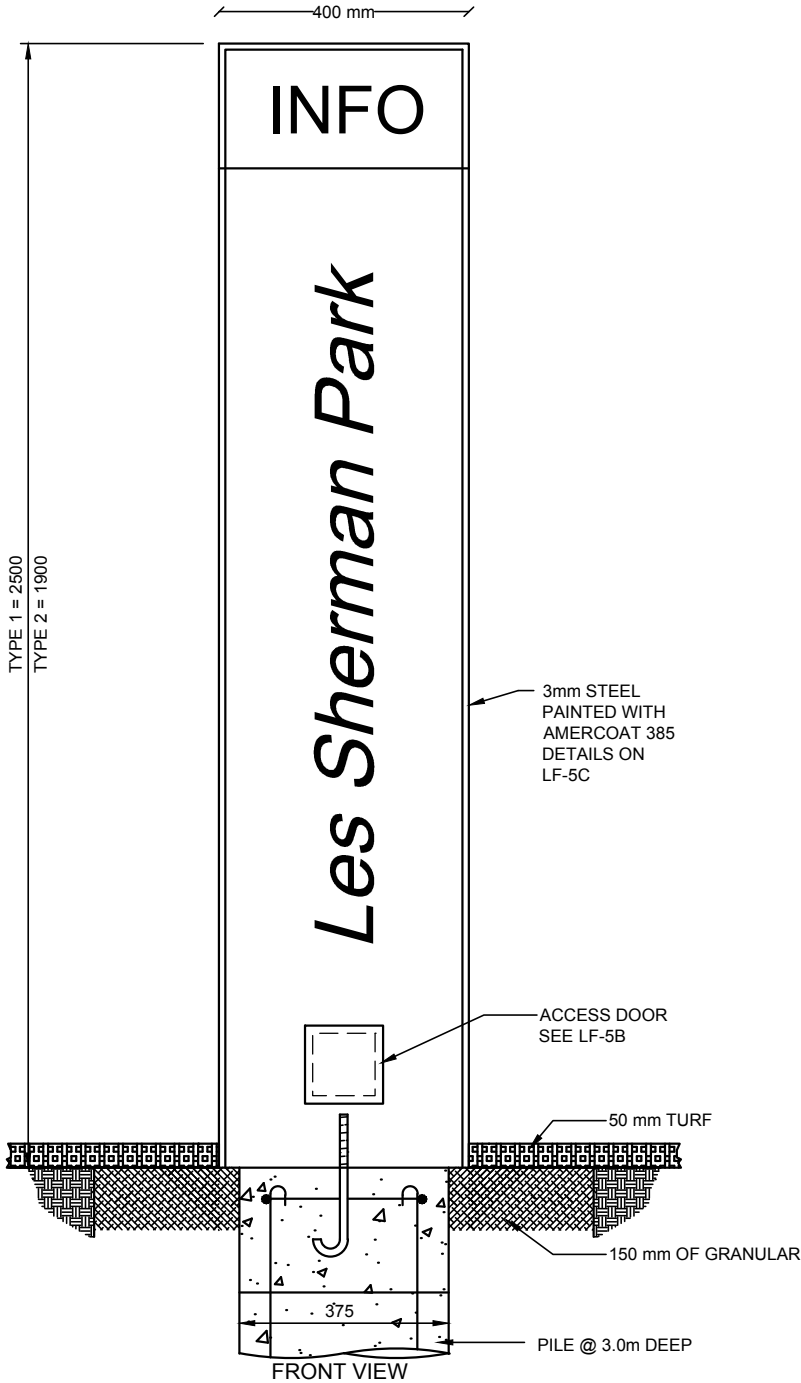
LANDSCAPE CONSTRUCTION STANDARDS		
SITE FURNISHINGS		
BENCH / TRASH BIN LAYOUTS		
Designed By:	Approved:	
Date	Scale	LF-3B
13-Aug-10	N.T.S.	
Digital File: LF-3B,LF3C - Bench, Picnic Table and Trash Bin Layouts.dwg		



Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS		
SITE FURNISHINGS		
BENCH WITH TACTILE MARKINGS		
Designed By:		Approved:
Date	Scale	LF-3D
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

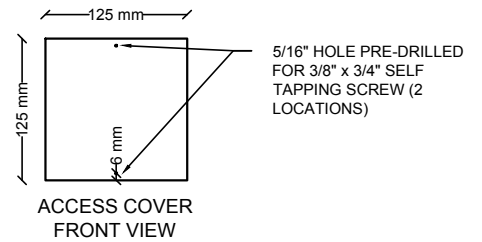
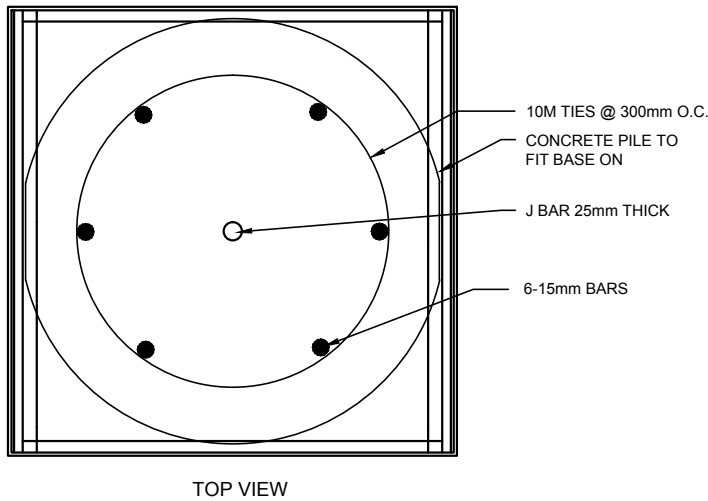
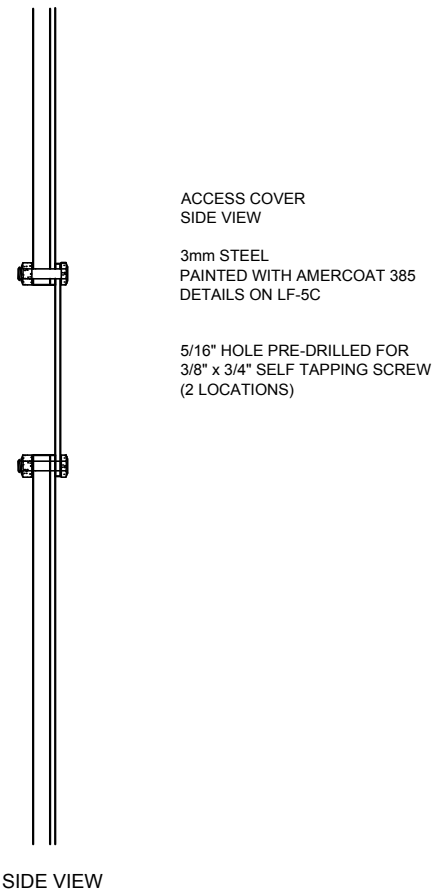
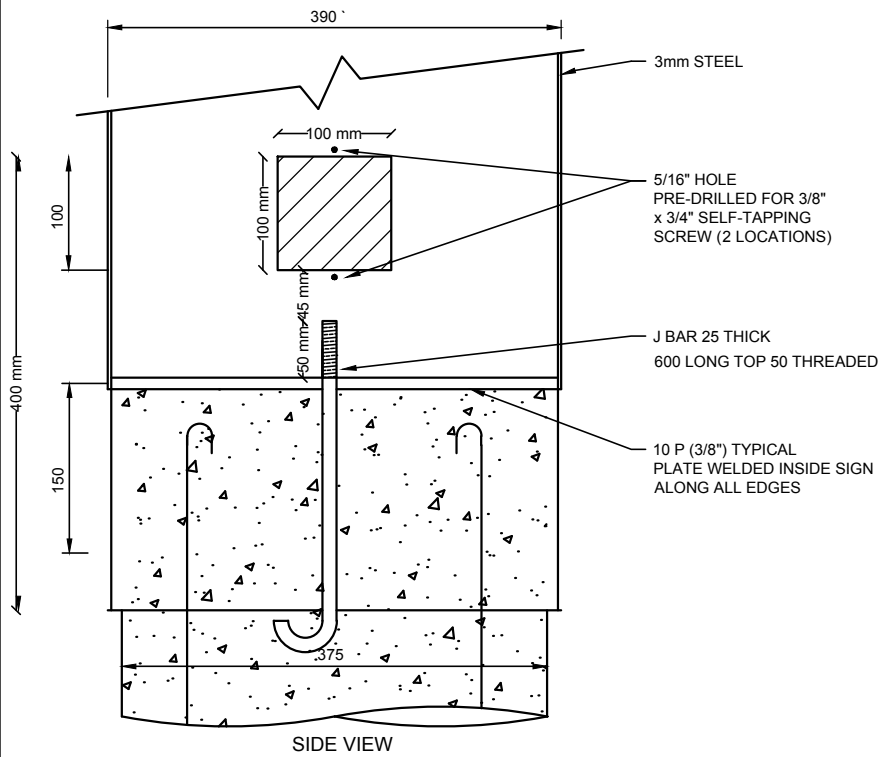
City of Regina | **REGINA**
Infinite Horizons

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**

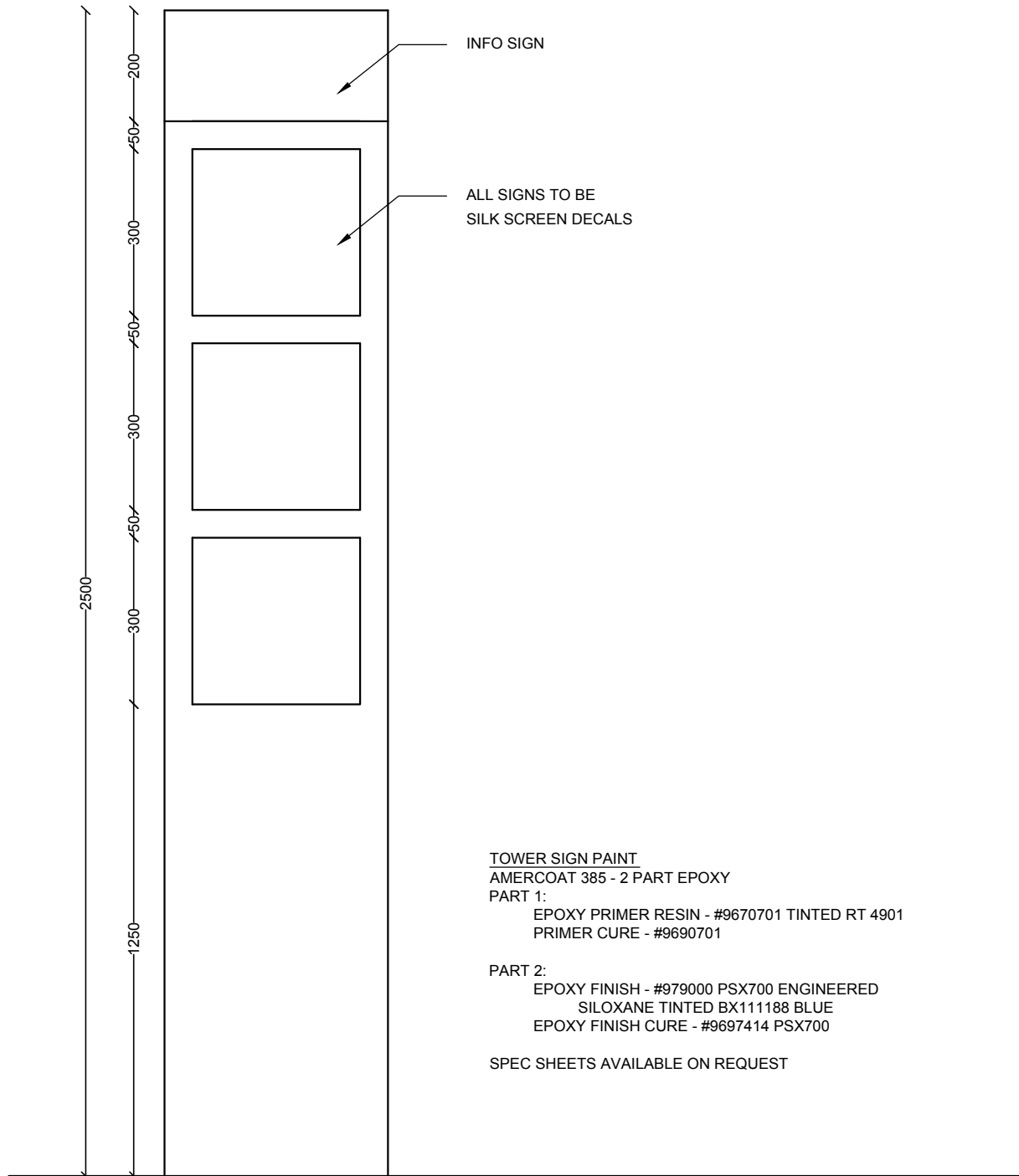


Date	Revisions	By
Aug-2010	Base, access door & surface paint, titleblock	MF



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			



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 BX111188 BLUE
 EPOXY FINISH CURE - #9697414 PSX700

SPEC SHEETS AVAILABLE ON REQUEST

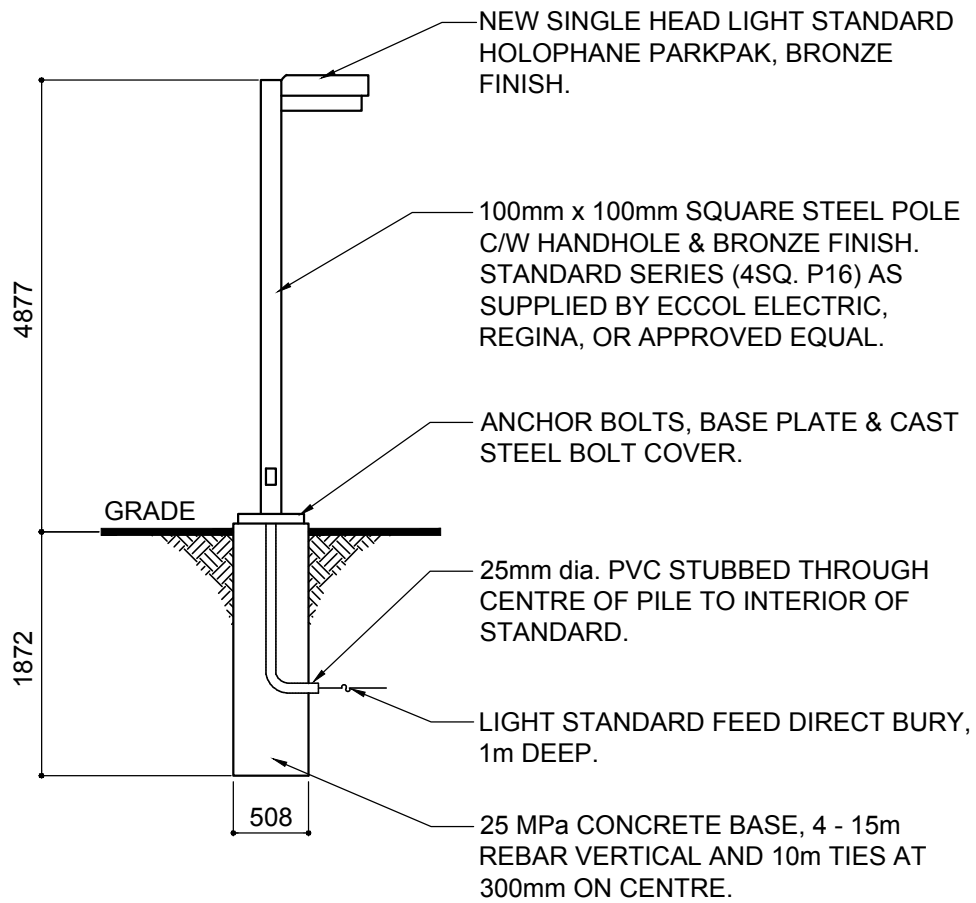
Date	Revisions	By
Aug-2010	Base, access door & surface paint, titleblock	MF



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			

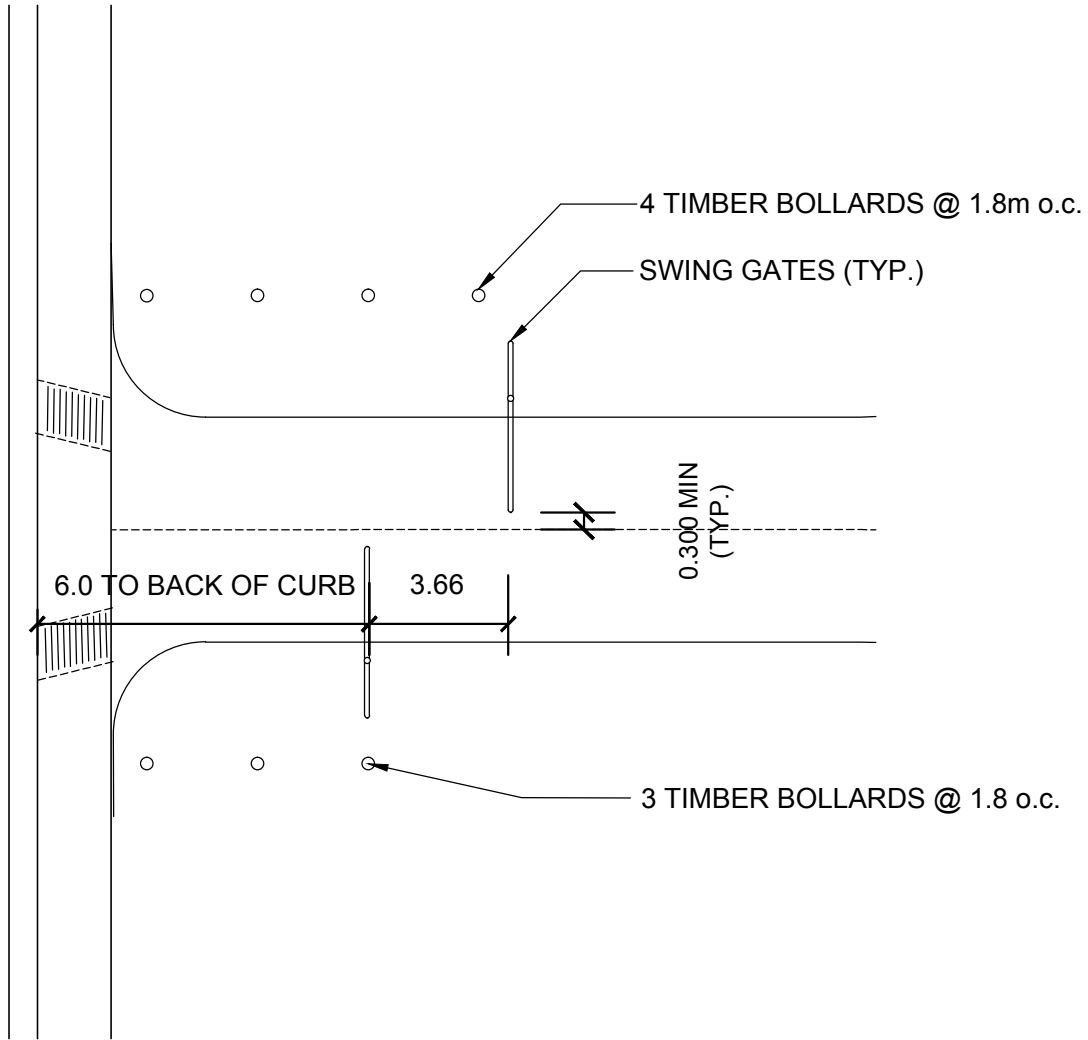


Date	Revisions	By
Feb-2010	Titleblock	MF



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

ROADWAY



Date	Revisions	By
Aug-2010	Titleblock	MF

City of Regina | **REGINA**
Infinite Horizons

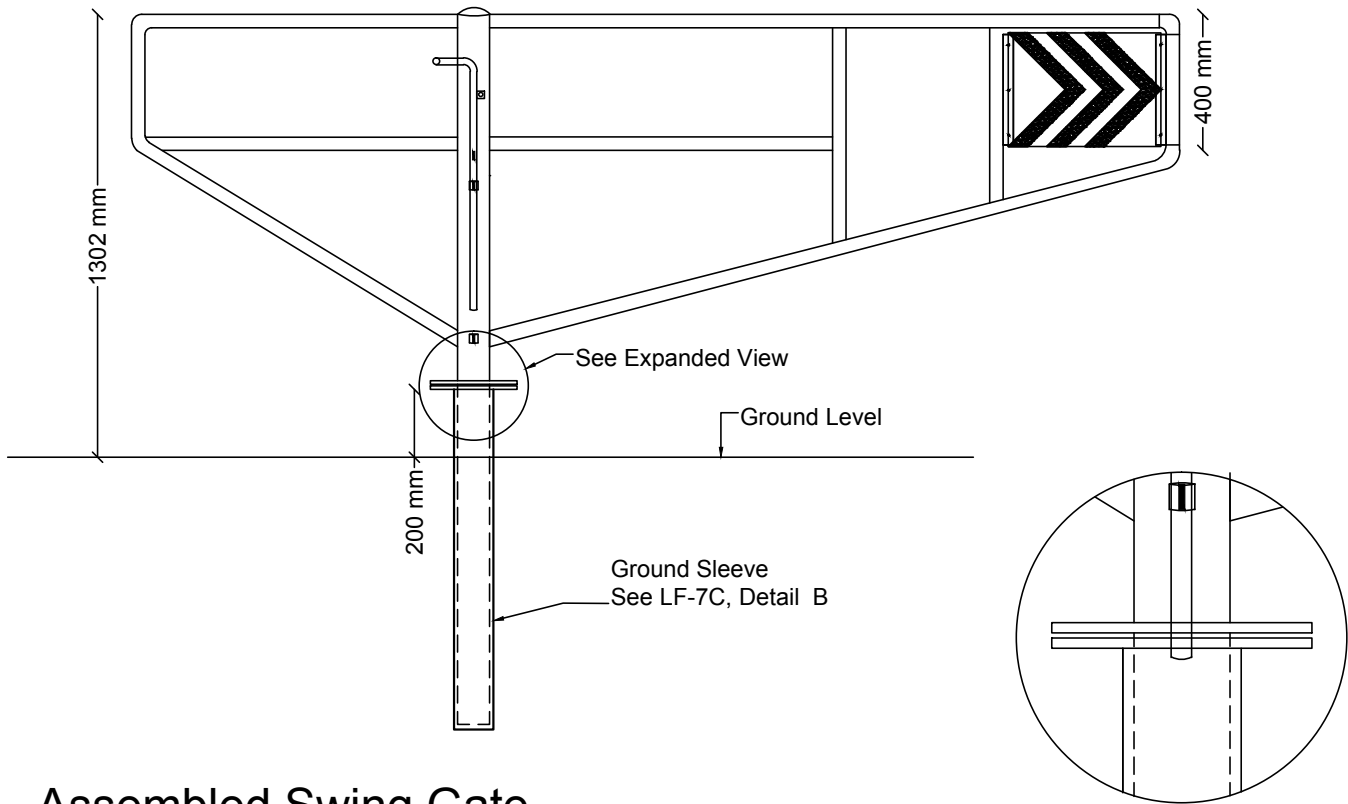
LANDSCAPE CONSTRUCTION STANDARDS

SITE FURNISHINGS

SWING GATE DETAIL

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

LF-7A



Assembled Swing Gate

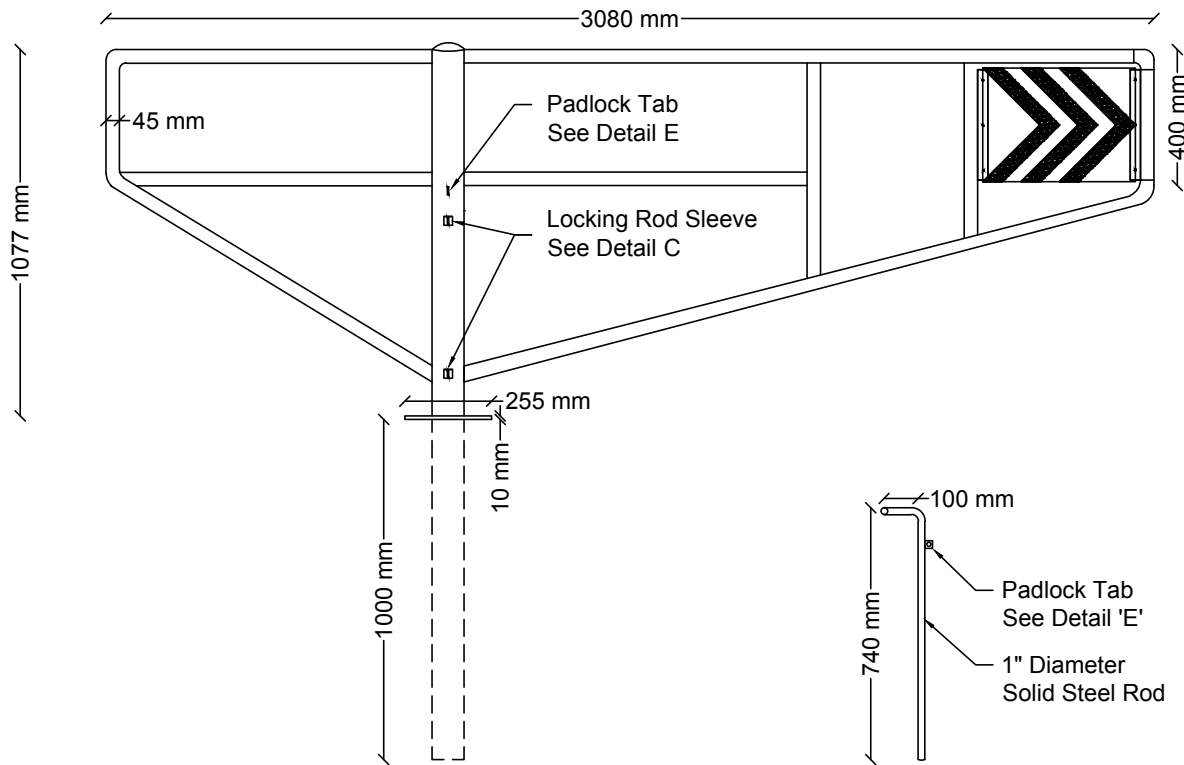
Expanded View

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

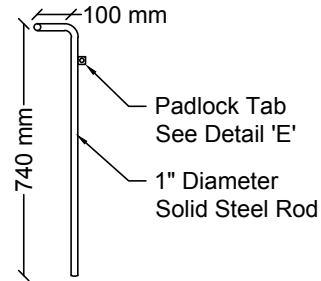


LANDSCAPE CONSTRUCTION STANDARDS
 SITE FURNISHINGS
 SWING GATE - ASSEMBLED

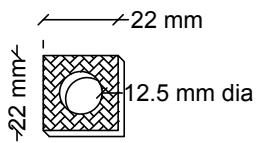
Designed By: KEN KABATOFF		Approved:
Date Aug-10	Scale NTS	LF-7B
Digital File: LF-7A - Swing Gate Detail.dwg		



Detail A - Main Gate

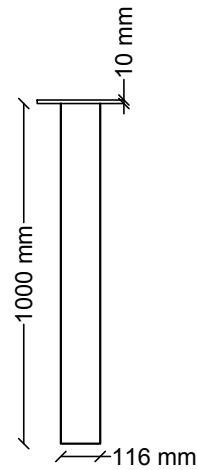


Detail C - Locking Rod



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

Detail E - Padlock Tabs

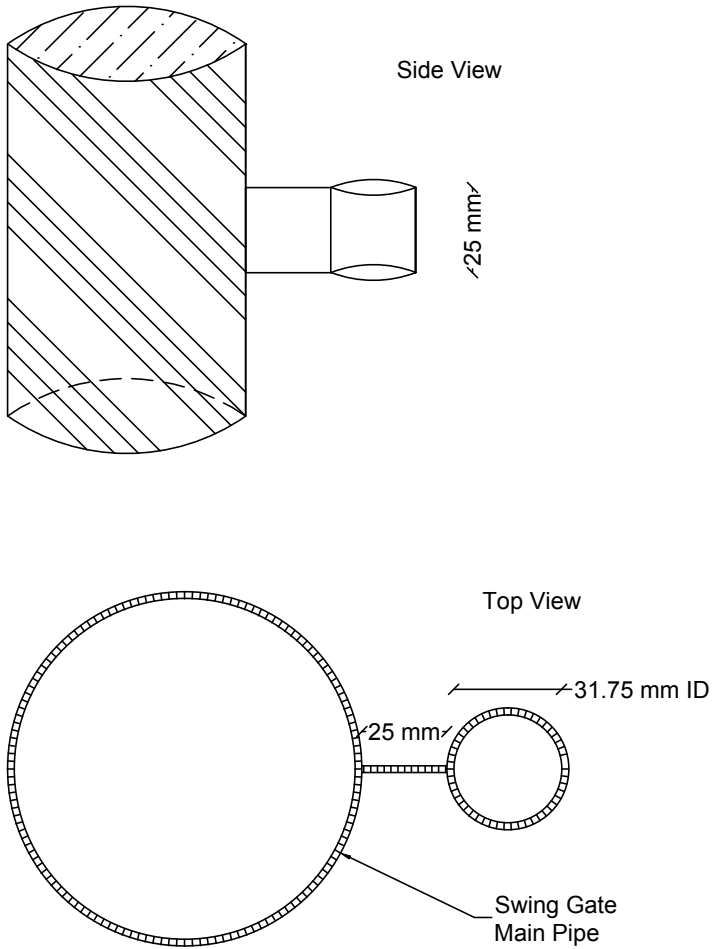


Detail B - Ground Sleeve

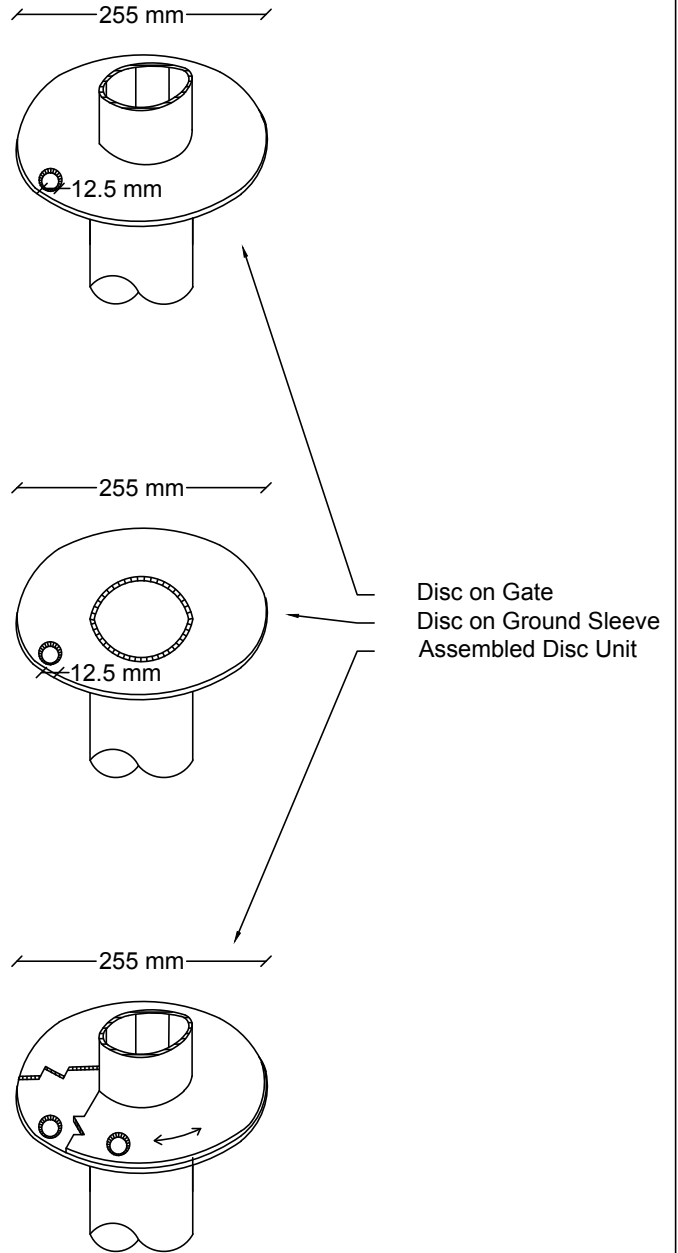
Date	Revisions	By
Aug-2010	Titleblock, locking rod, section details	MF



LANDSCAPE CONSTRUCTION STANDARDS		
SITE FURNISHINGS SWING GATE DETAILS		
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

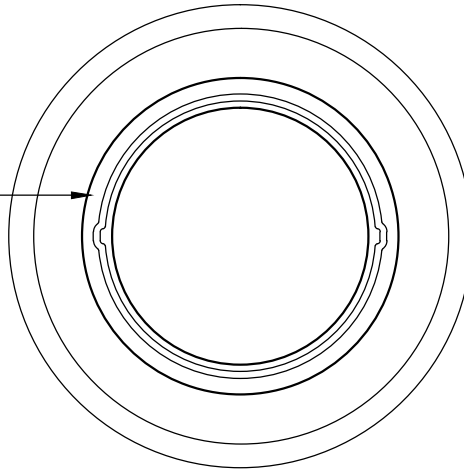
LANDSCAPE CONSTRUCTION STANDARDS

SITE FURNISHINGS

SWING GATE DETAIL

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

CARSON INDUSTRIES
#910 JUNCTION BOX



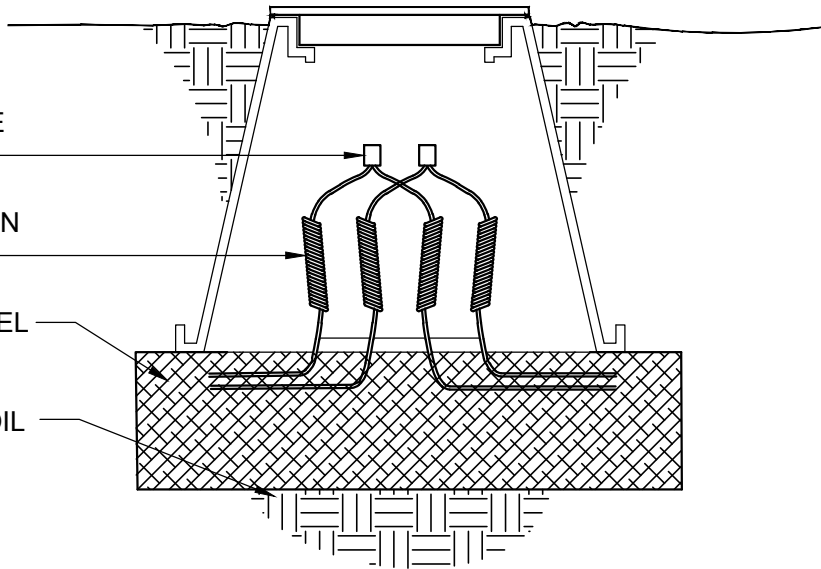
PLAN

3M DBY/DBR WIRE
CONNECTORS

SERVICE LOOP MIN
LENGTH 600mm

150mm PEA GRAVEL

COMPACTED OR
UNDISTURBED SOIL



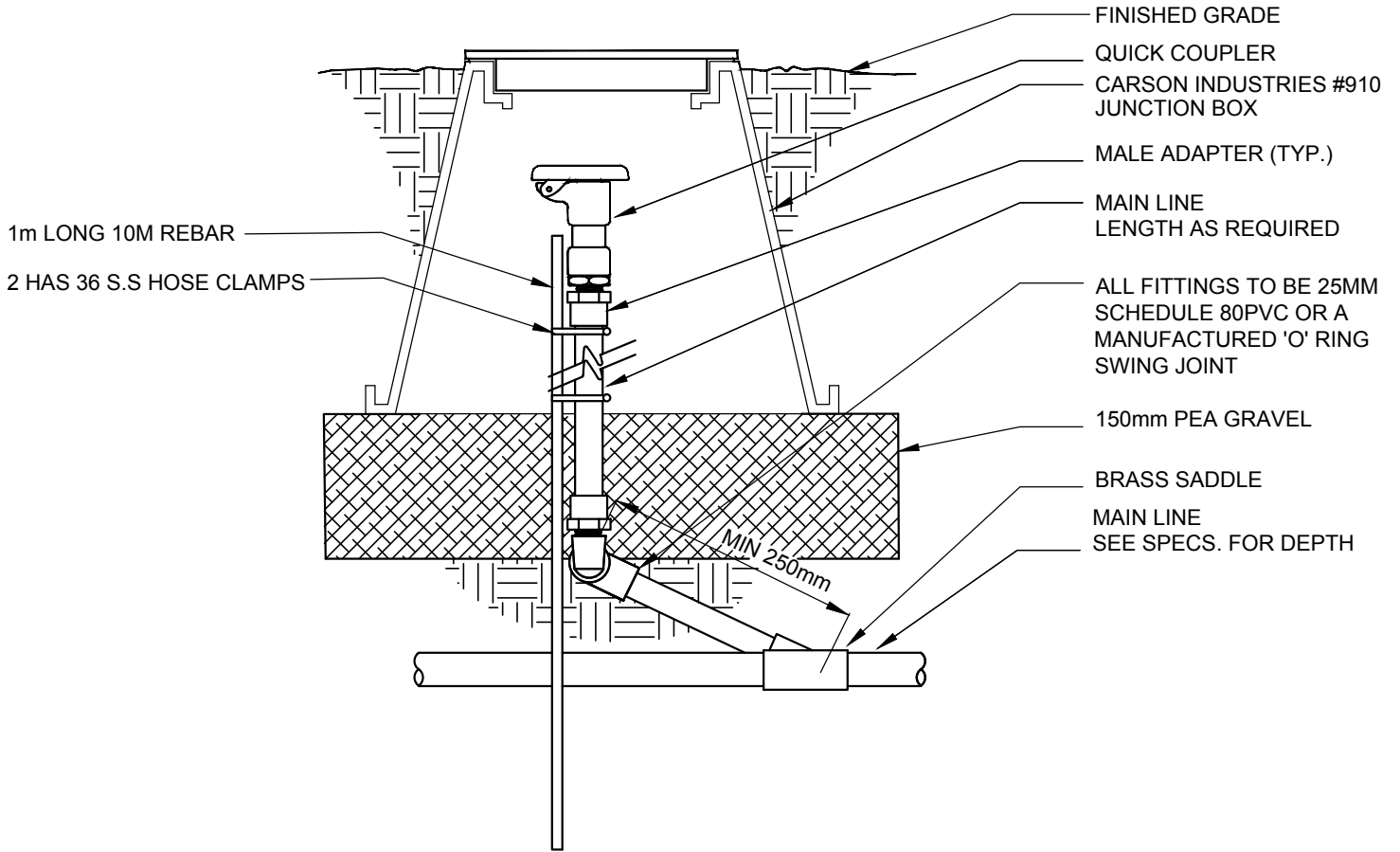
ELEVATION

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			

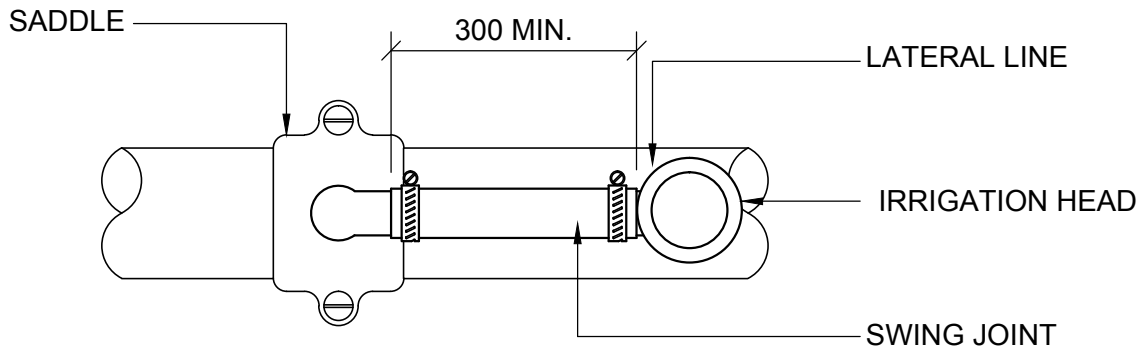


ELEVATION

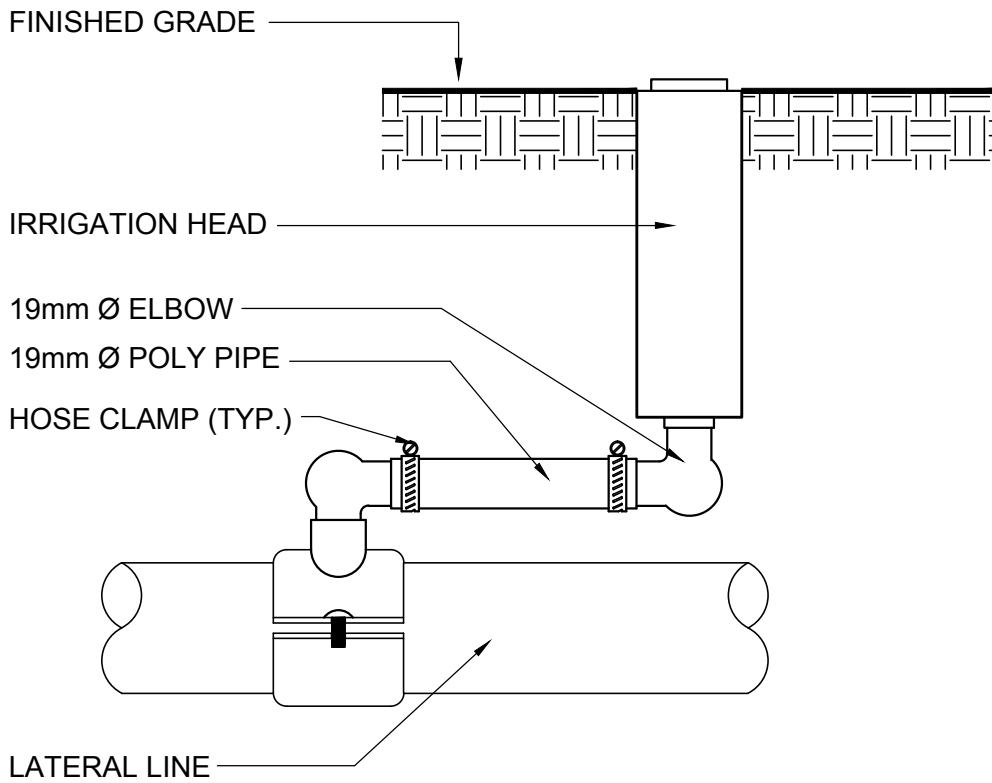
Date	Revisions	By
Feb-2010	Titleblock	MF



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



PLAN VIEW



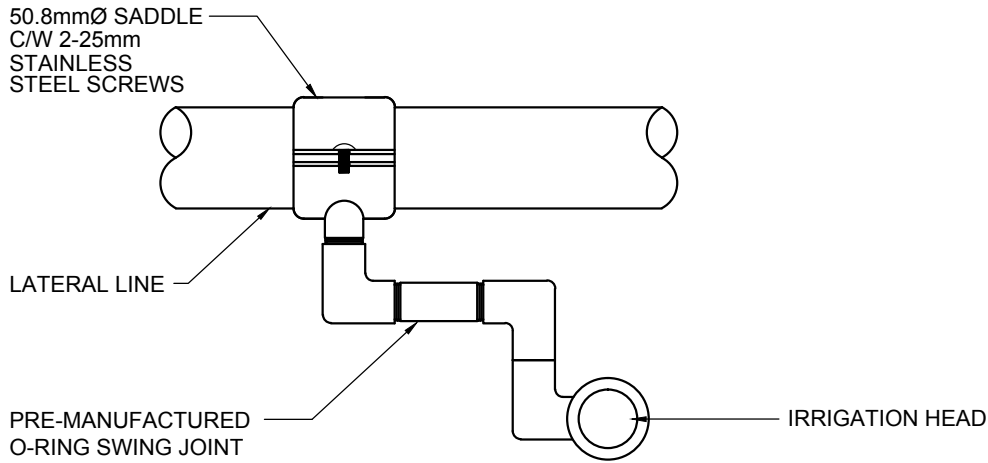
ELEVATION

Date	Revisions	By
Feb-2010	Titleblock	MF

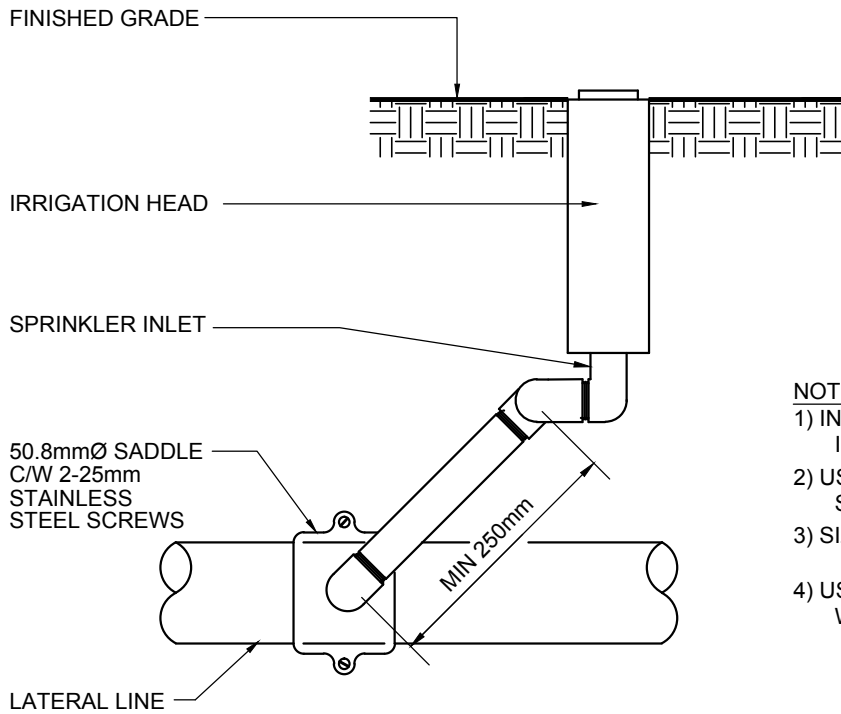
City of Regina | **REGINA**
Infinite Horizons

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	LI-3A



PLAN



ELEVATION

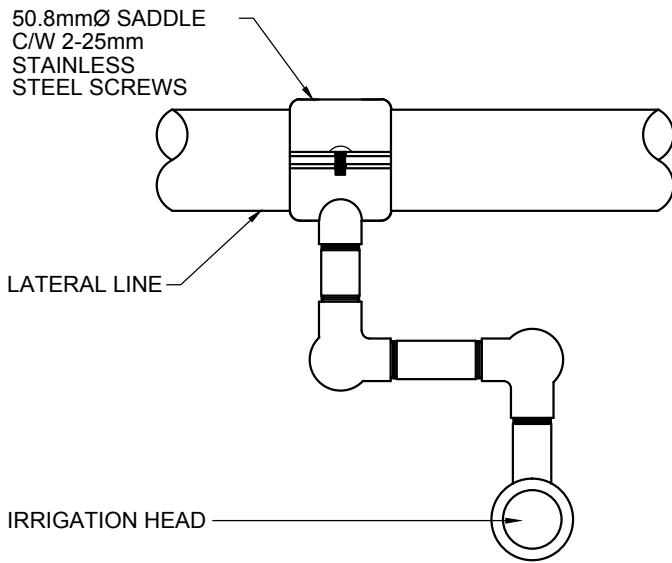
NOTES:

- 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

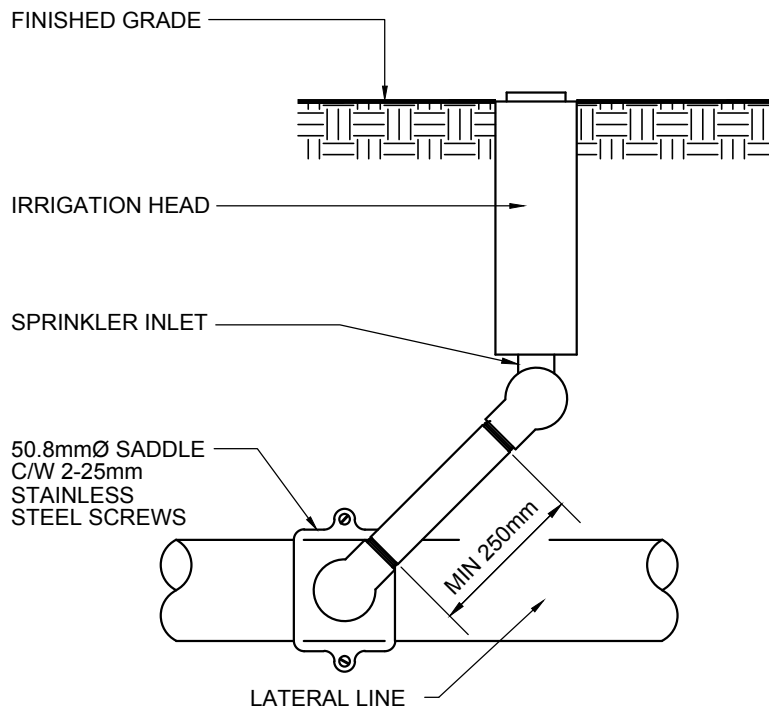
Date	Revisions	By
Feb-2010	Titleblock	MF



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



PLAN



ELEVATION

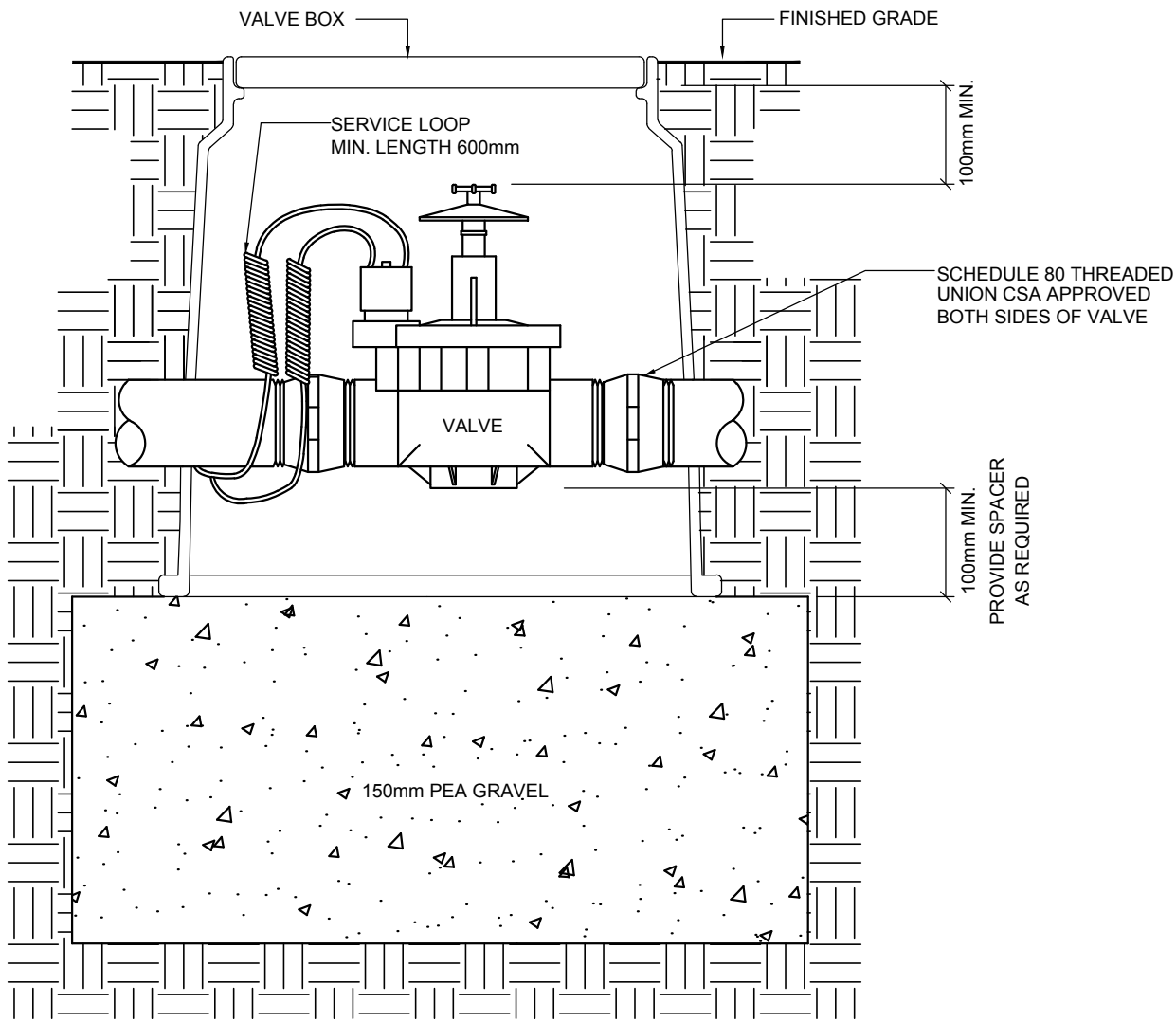
NOTES:

- 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		
IRRIGATION		
TRIPLE SWING JOINT		
Designed By:		Approved:
Date	Scale	LI-3C
13-Aug-10	N.T.S.	
Digital File: LI-3C - Triple Swing Joint.dwg		



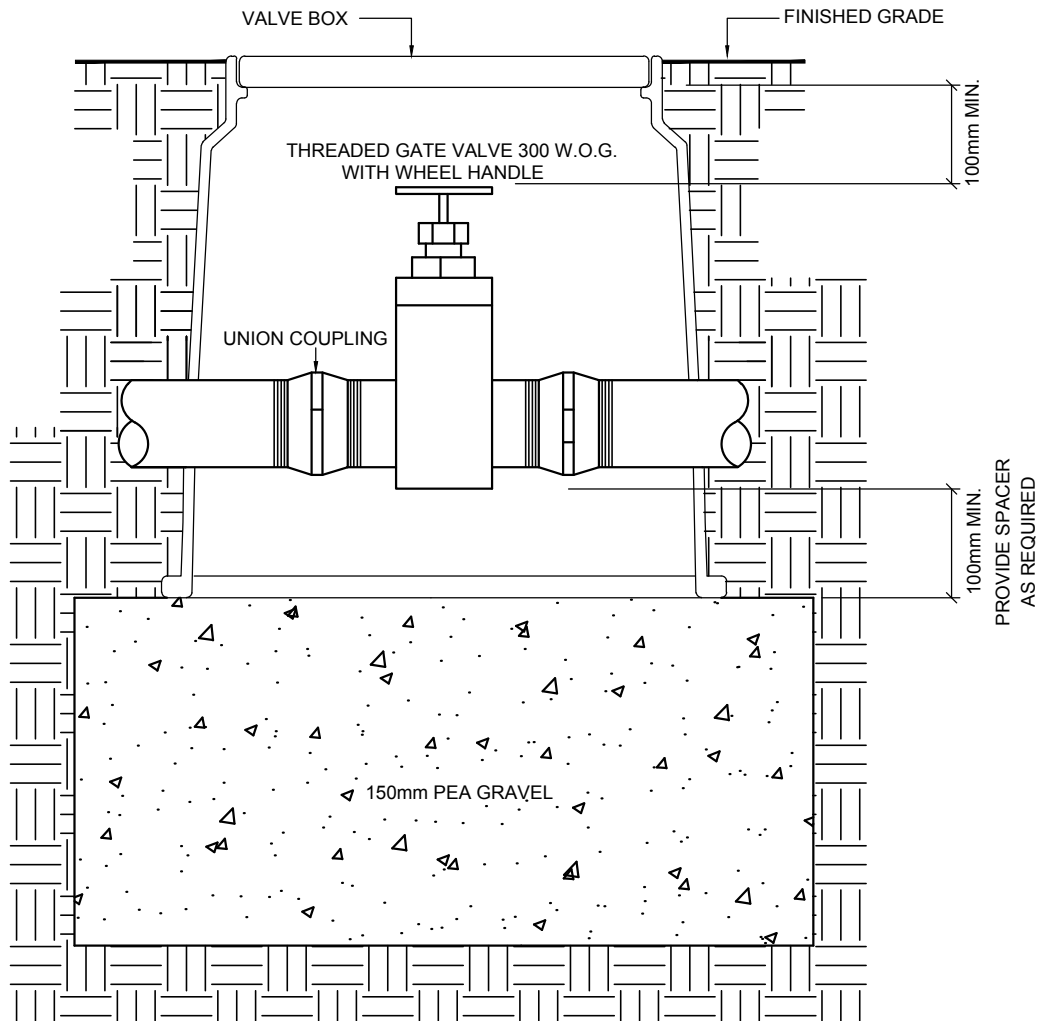
NOTE: CENTRE VALVE IN VALVE BOX

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		



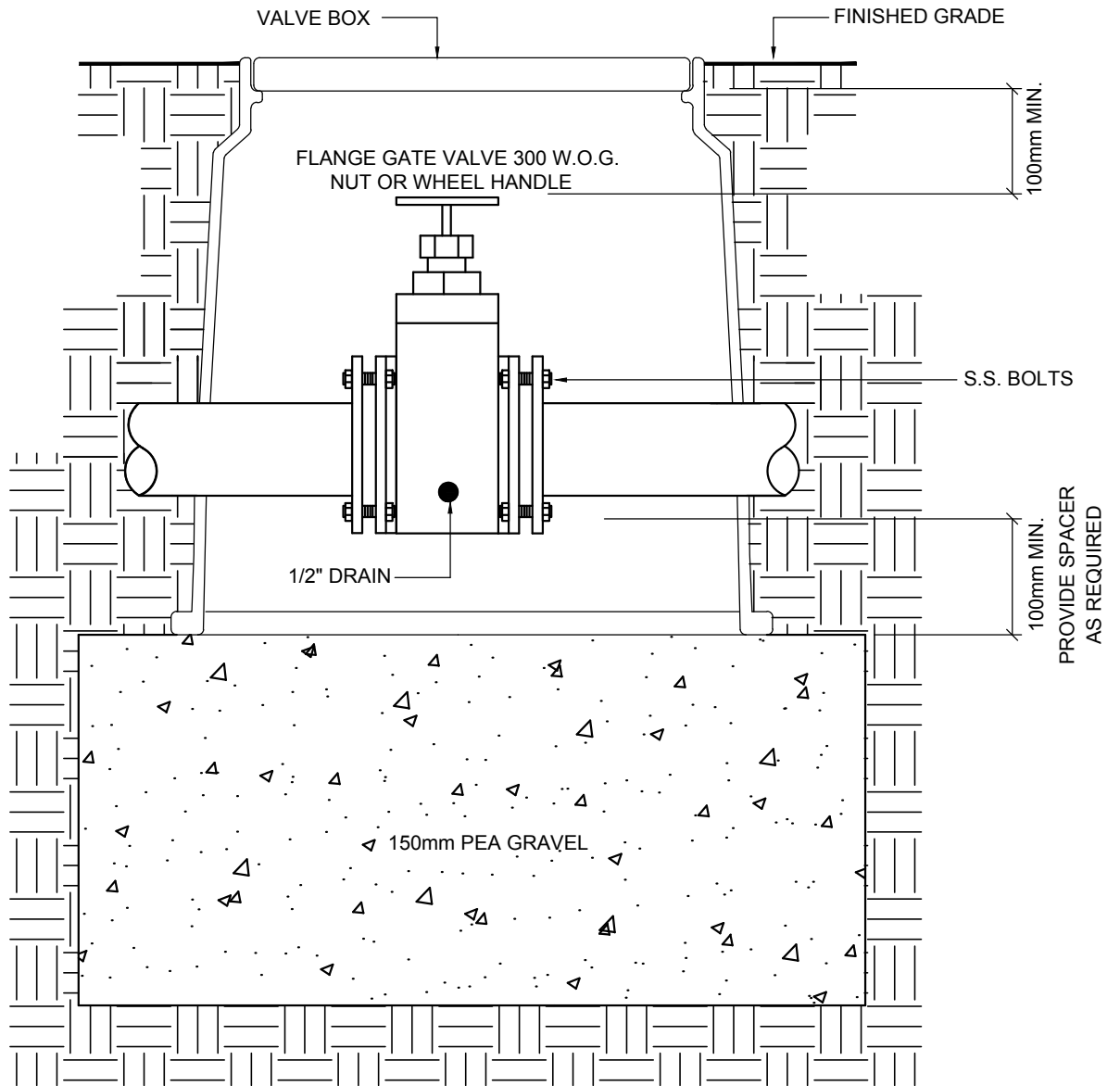
NOTE: CENTRE VALVE IN VALVE BOX

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		



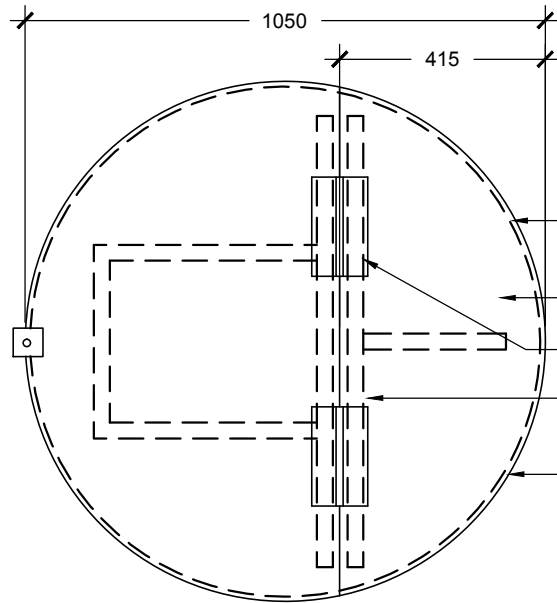
NOTE: CENTRE VALVE IN VALVE BOX

SECTION

Date	Revisions	By
Feb-2010	Titleblock	MF

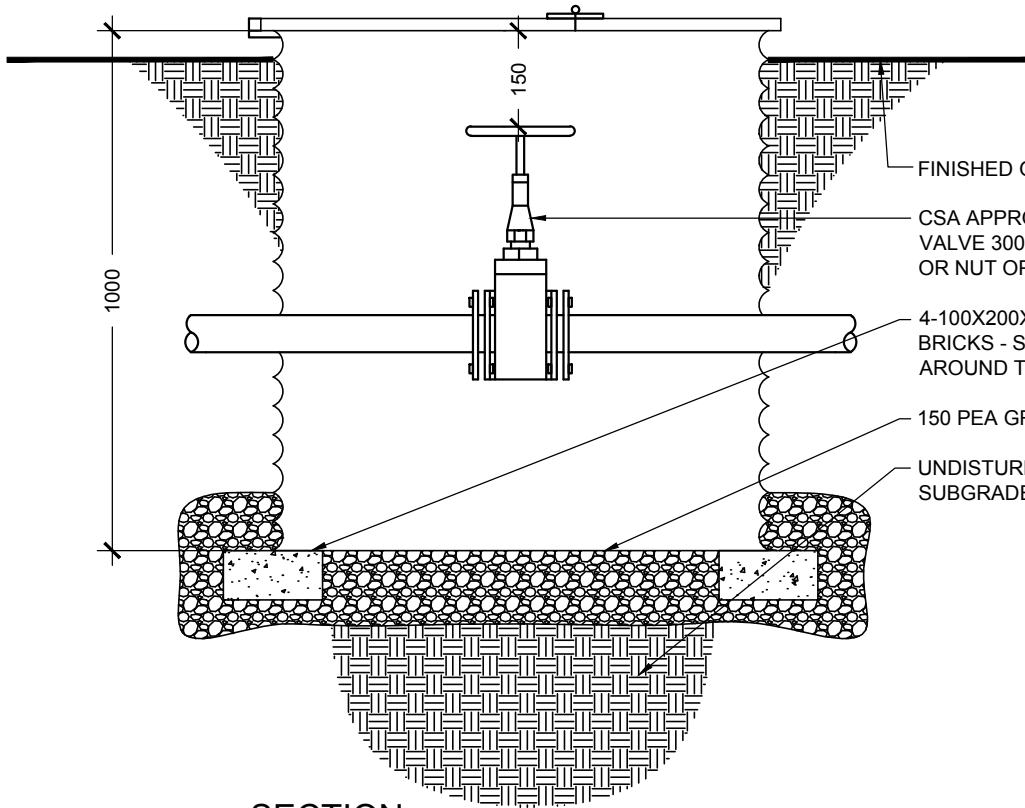


LANDSCAPE CONSTRUCTION STANDARDS		
IRRIGATION - FLANGE		
300 W.O.G. GATE VALVE - 75mm OR LESS		
Designed By:	Approved:	
Date	Scale	LI-4C
13-Aug-10	N.T.S.	
Digital File: LI-4C - Flange 300 W.O.G. Gate Valve - 75m or Less.dwg		



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



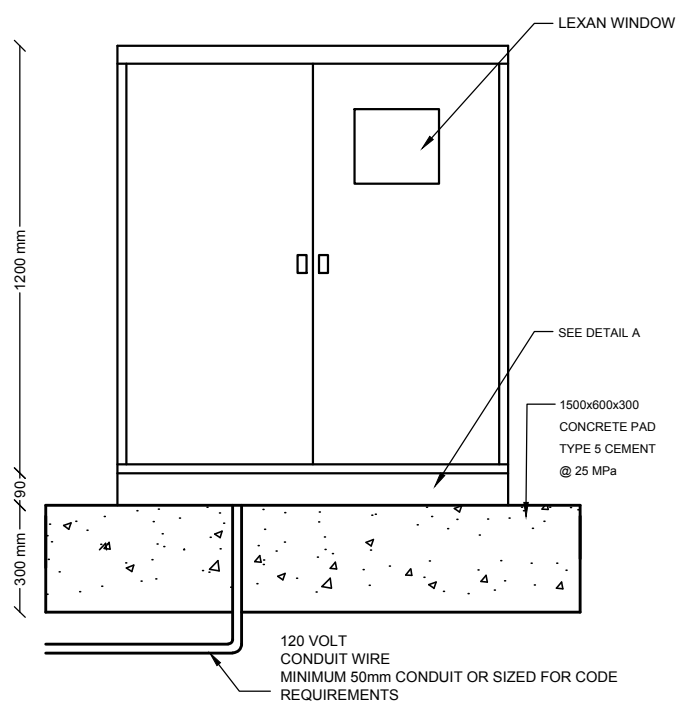
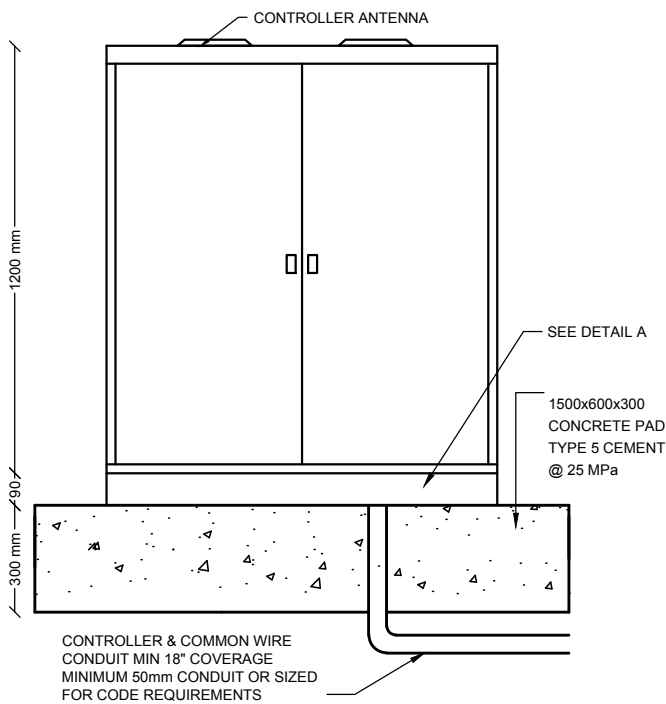
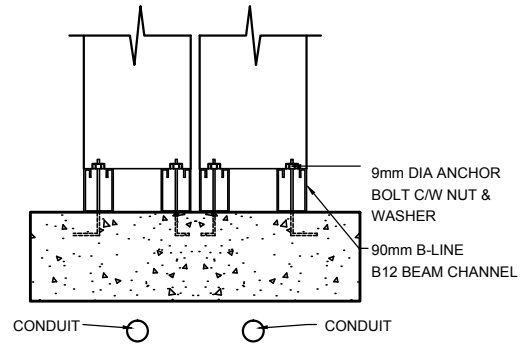
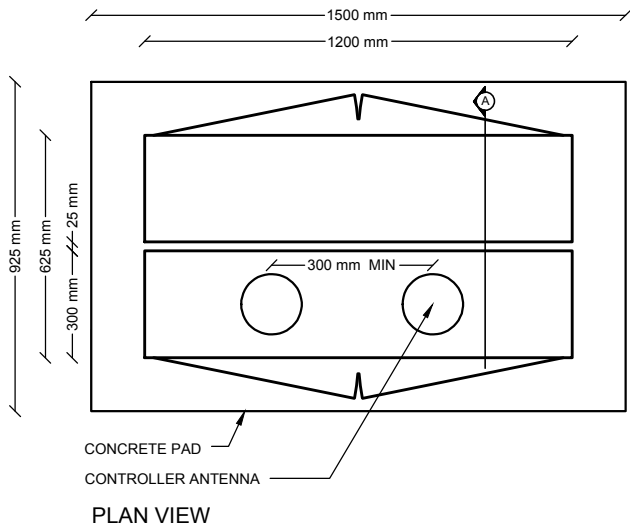
SECTION

- 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

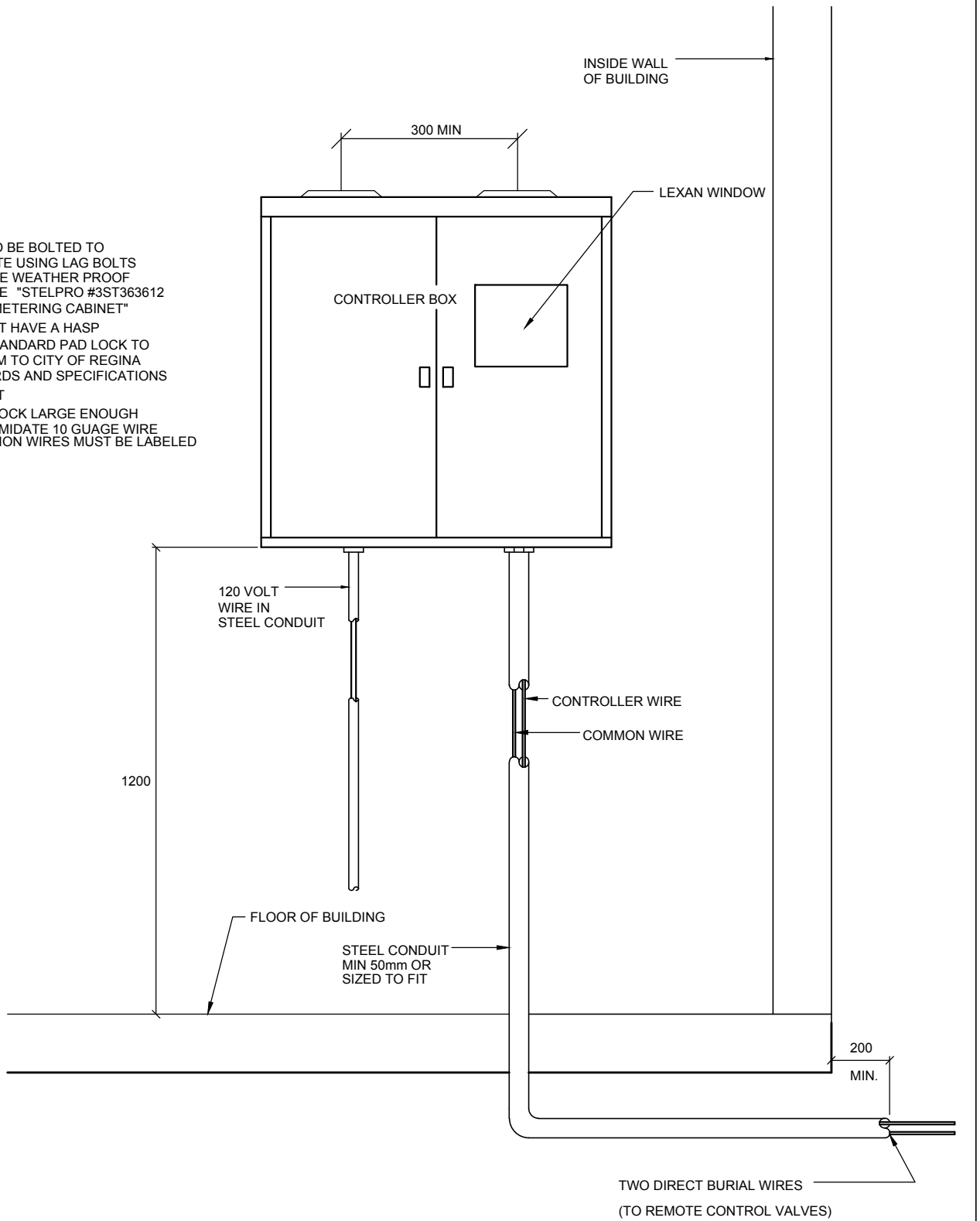


LANDSCAPE CONSTRUCTION STANDARDS
**IRRIGATION - CONTROL BOX
PEDESTAL MOUNTED**

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

NOTES:

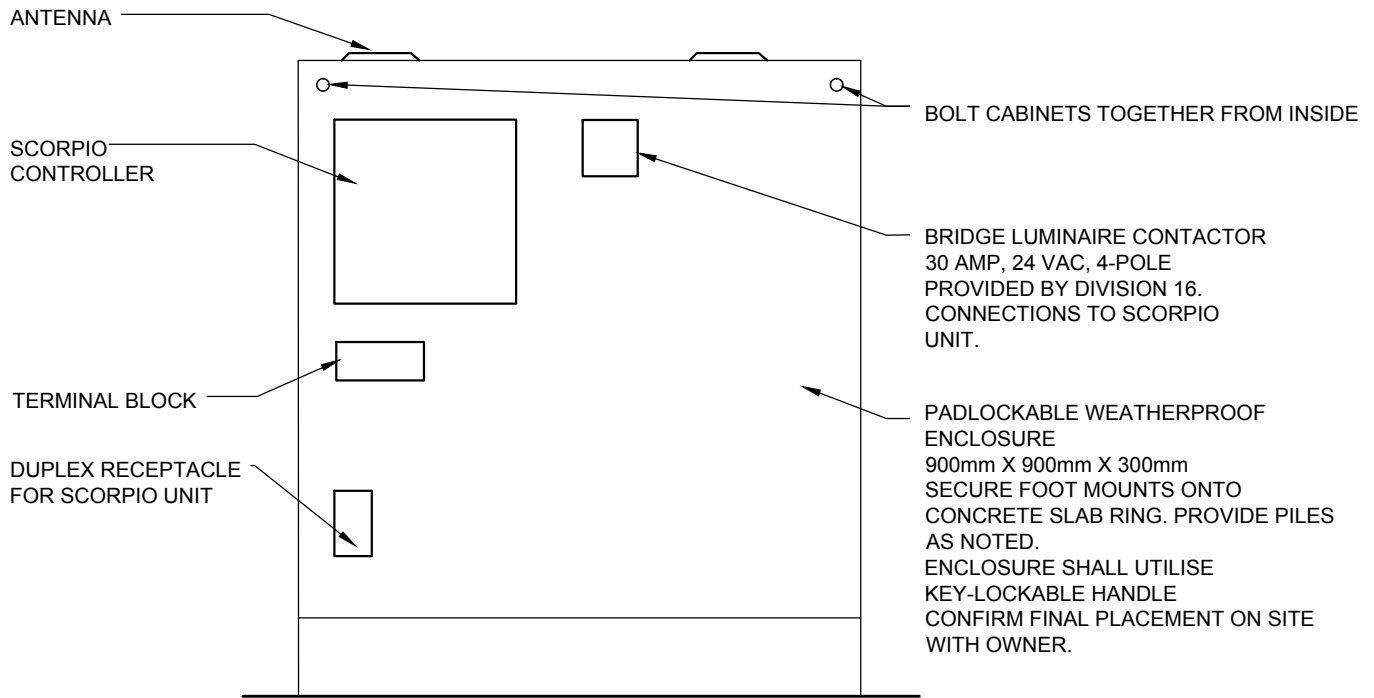
- CABINET IS TO BE BOLTED TO CONCRETE USING LAG BOLTS
 - CABINET TO BE WEATHER PROOF LOCKABLE "STELPRO #3ST363612 NEMA 3 METERING CABINET"
 - CABINET MUST HAVE A HASP FOR A STANDARD PAD LOCK TO CONFORM TO CITY OF REGINA STANDARDS AND SPECIFICATIONS
- INSIDE CABINET
- 1-TERMINAL BLOCK LARGE ENOUGH TO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



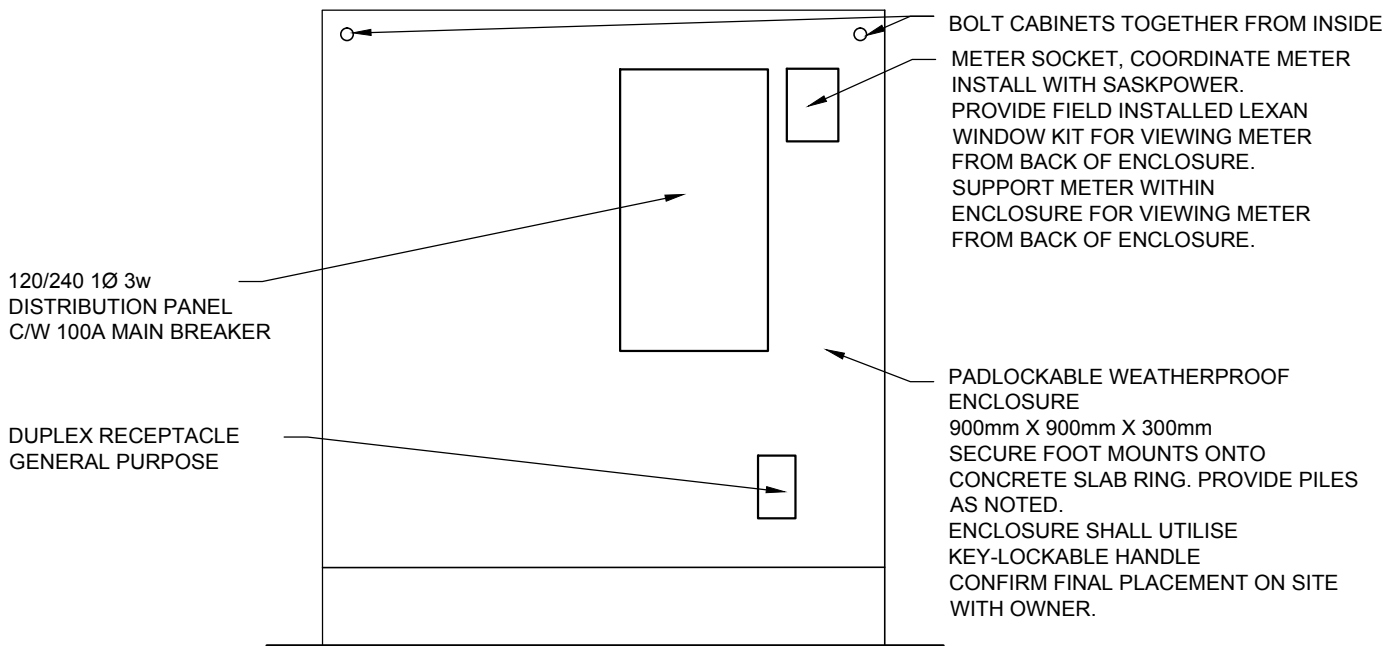
Date	Revisions	By
Feb-2010	Titleblock	MF



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

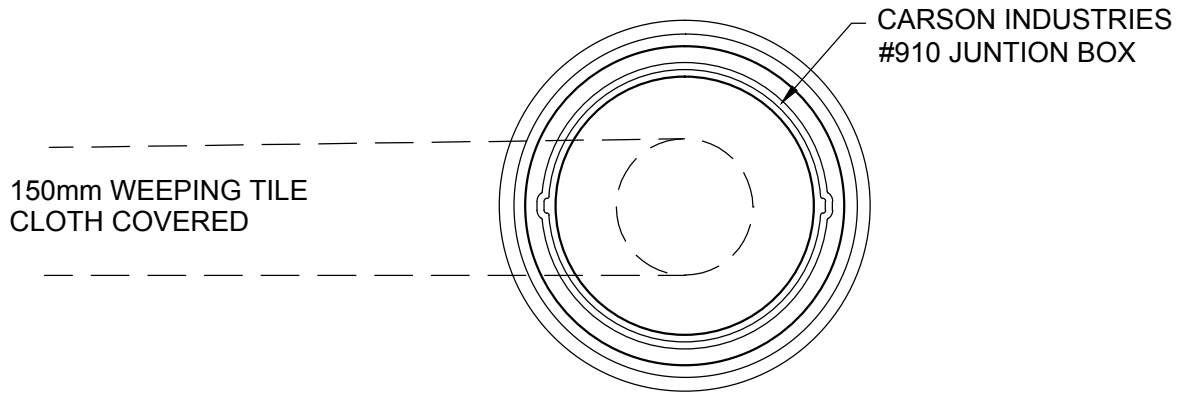
City of Regina | **REGINA**
Infinite Horizons

LANDSCAPE CONSTRUCTION STANDARDS
**IRRIGATION - CONTROL BOX
INTERIOR LAYOUT**

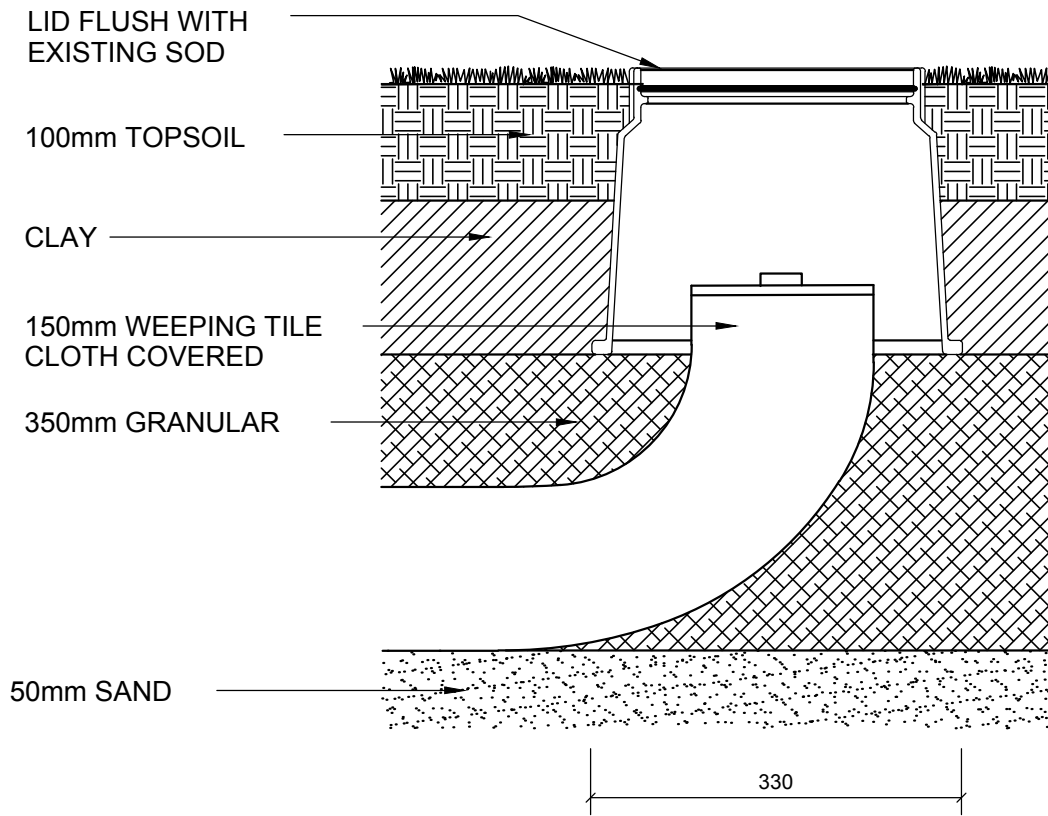
Designed By: DENNIS LOWTHIAN
Approved: _____

Date: 5-Aug-10
Scale: NTS
Project: LI-5C

Digital File: LI-5C - Irrigation Control Box with Meter Socket Layout.dwg



PLAN

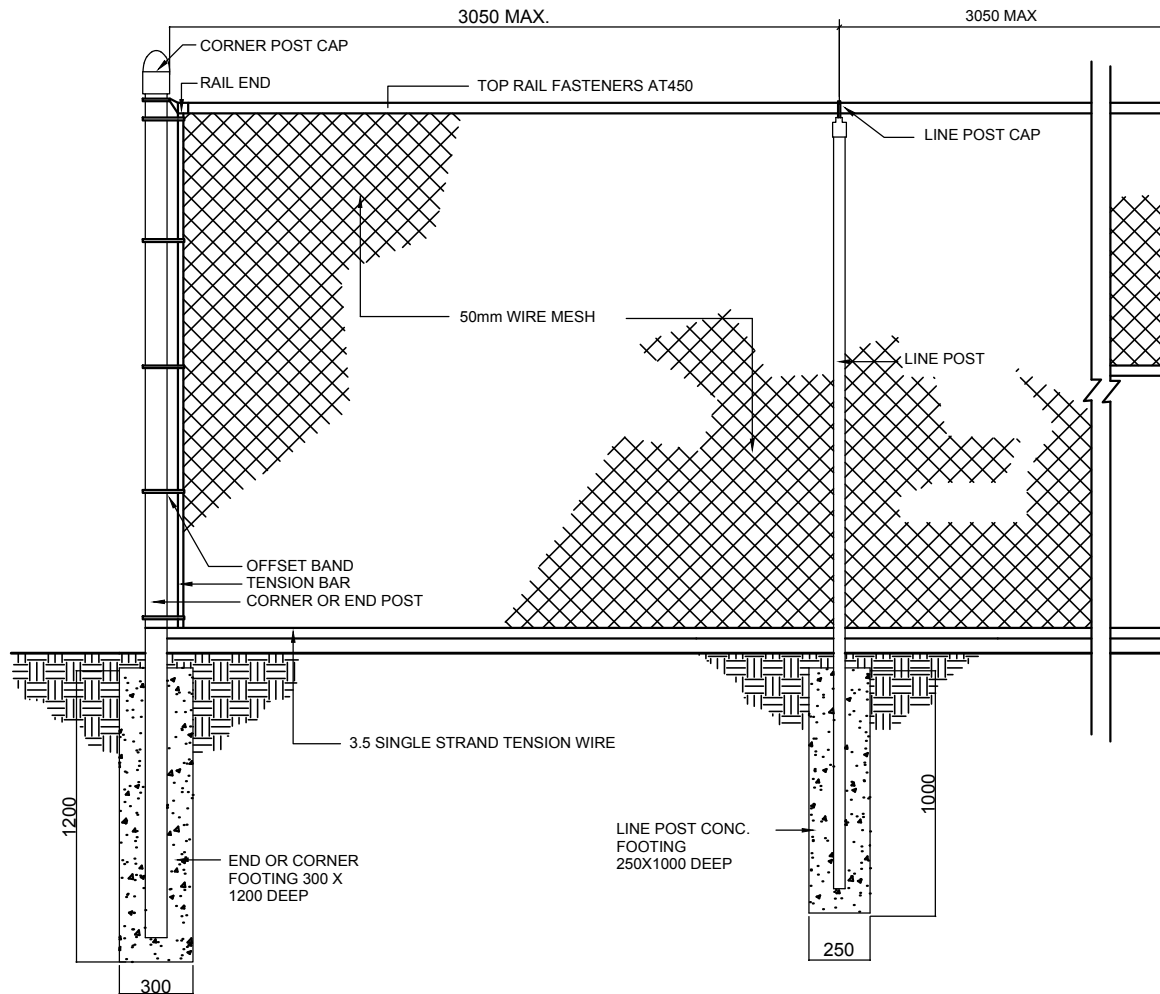


ELEVATION

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 2900
 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

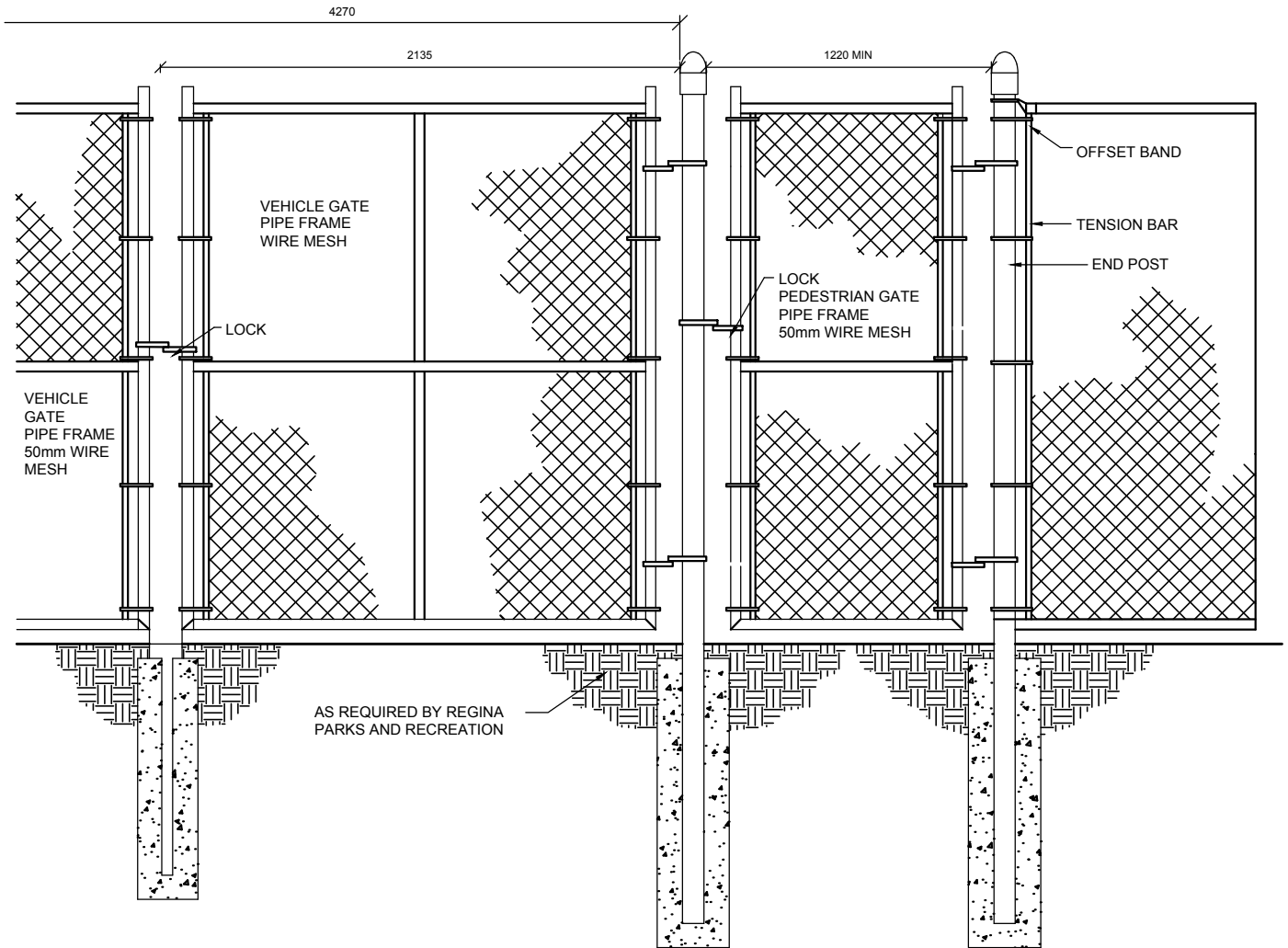
NOTE:

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

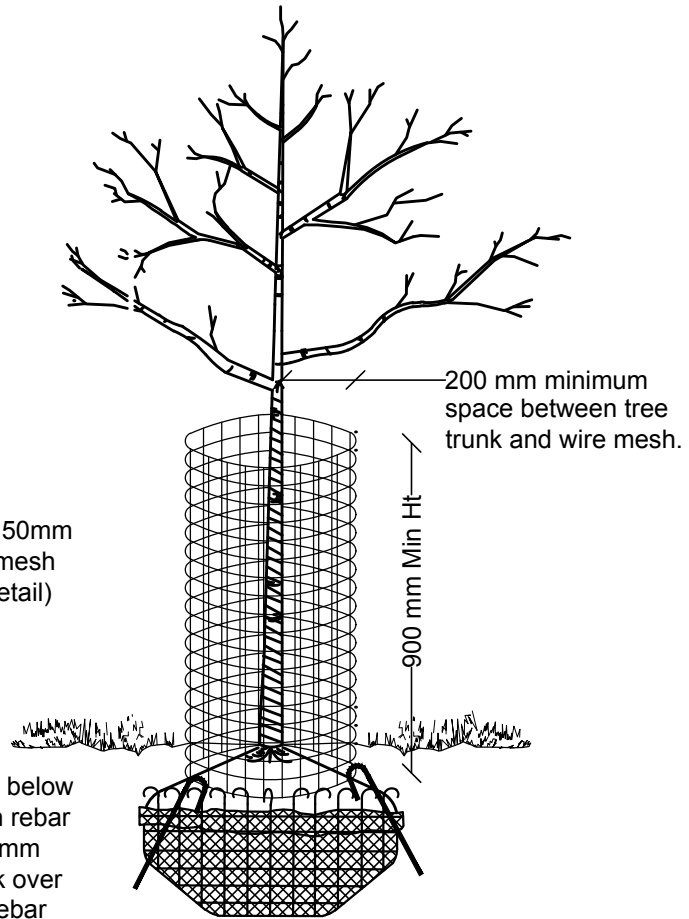
Date	Revisions	By
Feb-2010	Titleblock	MF



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			

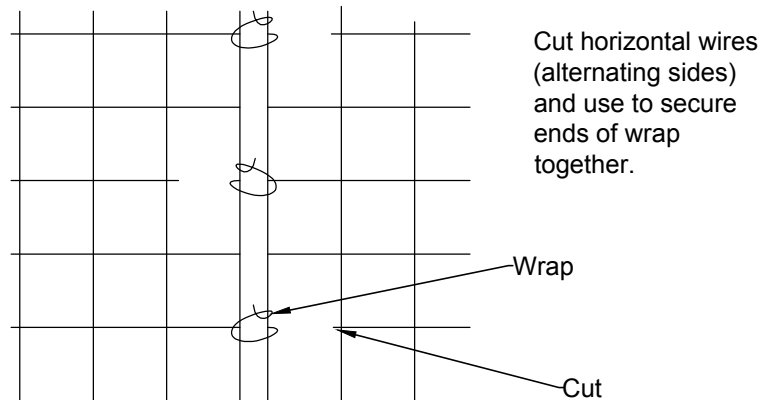
FRONT VIEW



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.

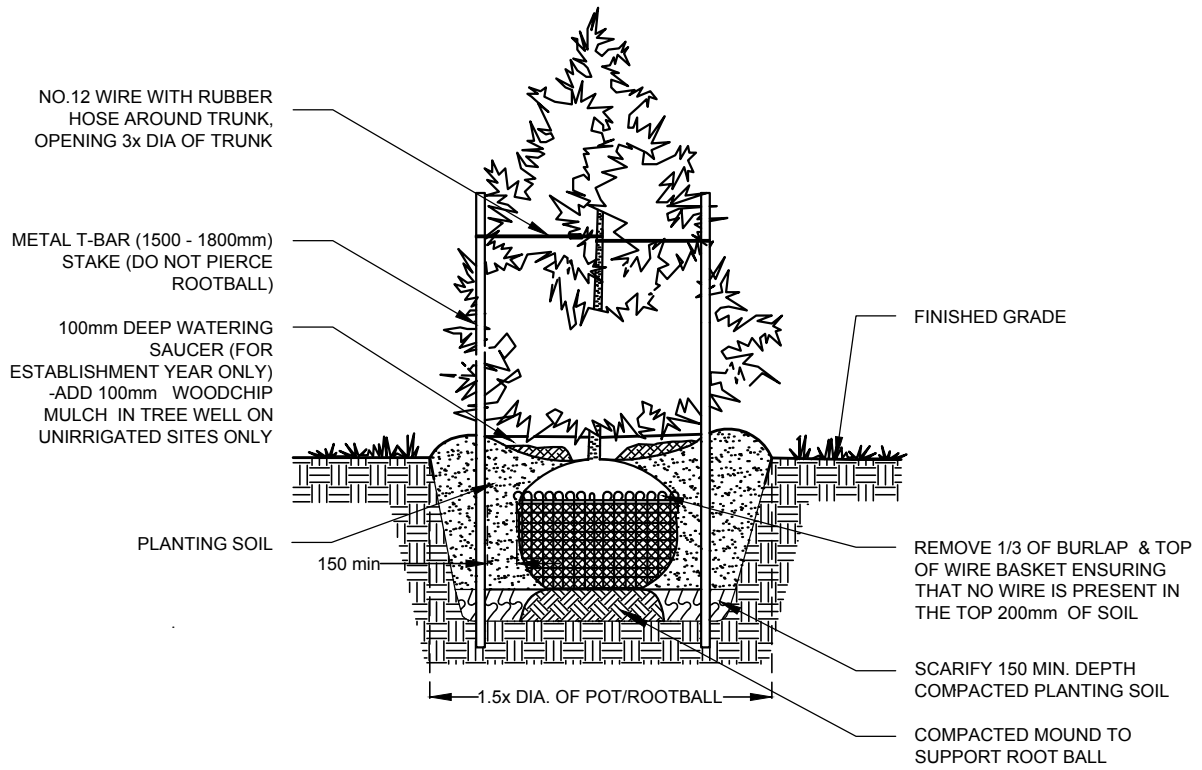
CONNECTION DETAIL



Date	Revisions	By
Feb-2010	New Detail	MF

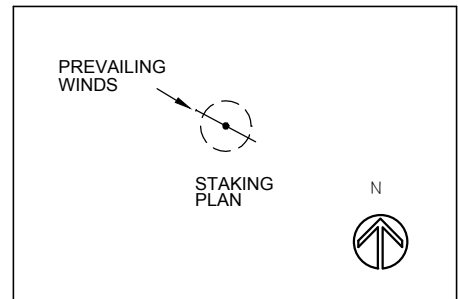


LANDSCAPE CONSTRUCTION STANDARDS		
LANDSCAPE PLANTING		
BEAVER GUARD		
Designed By:	RAY MORGAN	
Date:	5-Aug-10	Scale: NTS
Digital File:	LP10 - Beaver guard detail.dwg	
		LP-10



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

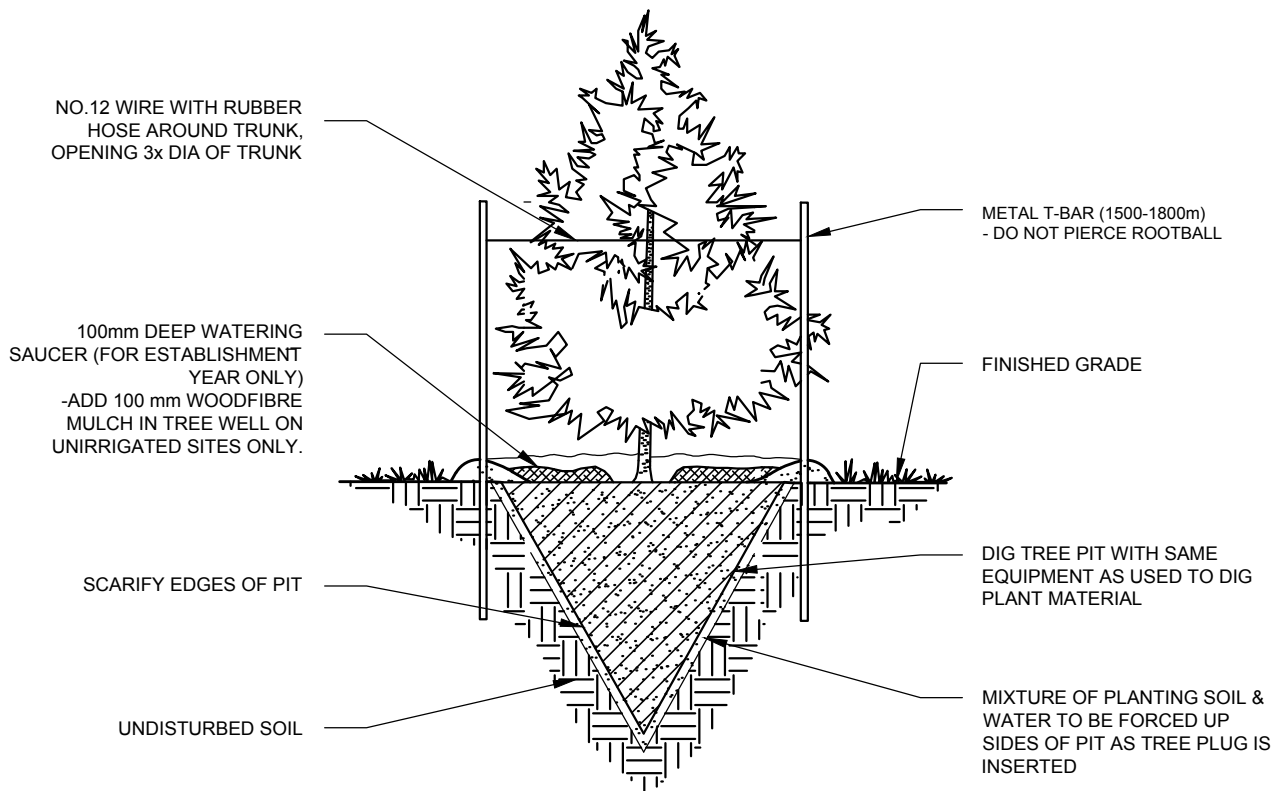


Date	Revisions	By
Feb-2010	Titleblock, detail notes	MF



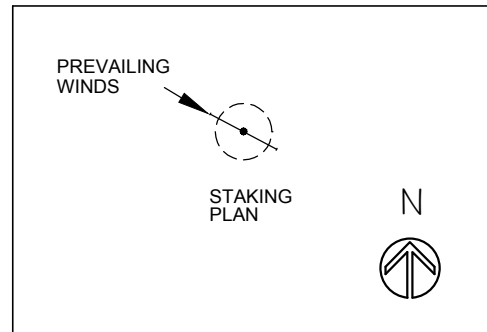
LANDSCAPE CONSTRUCTION STANDARDS
LANDSCAPE PLANTING
CONIFEROUS TREE - B&B (PIT)

Designed By: RAY MORGAN		Approved:	
Date 10-Aug-10	Scale NTS	LP-1C	
Digital File: LP-1C - Coniferous Tree Planting Detail - B&B Pit.dwg			



NOTES:

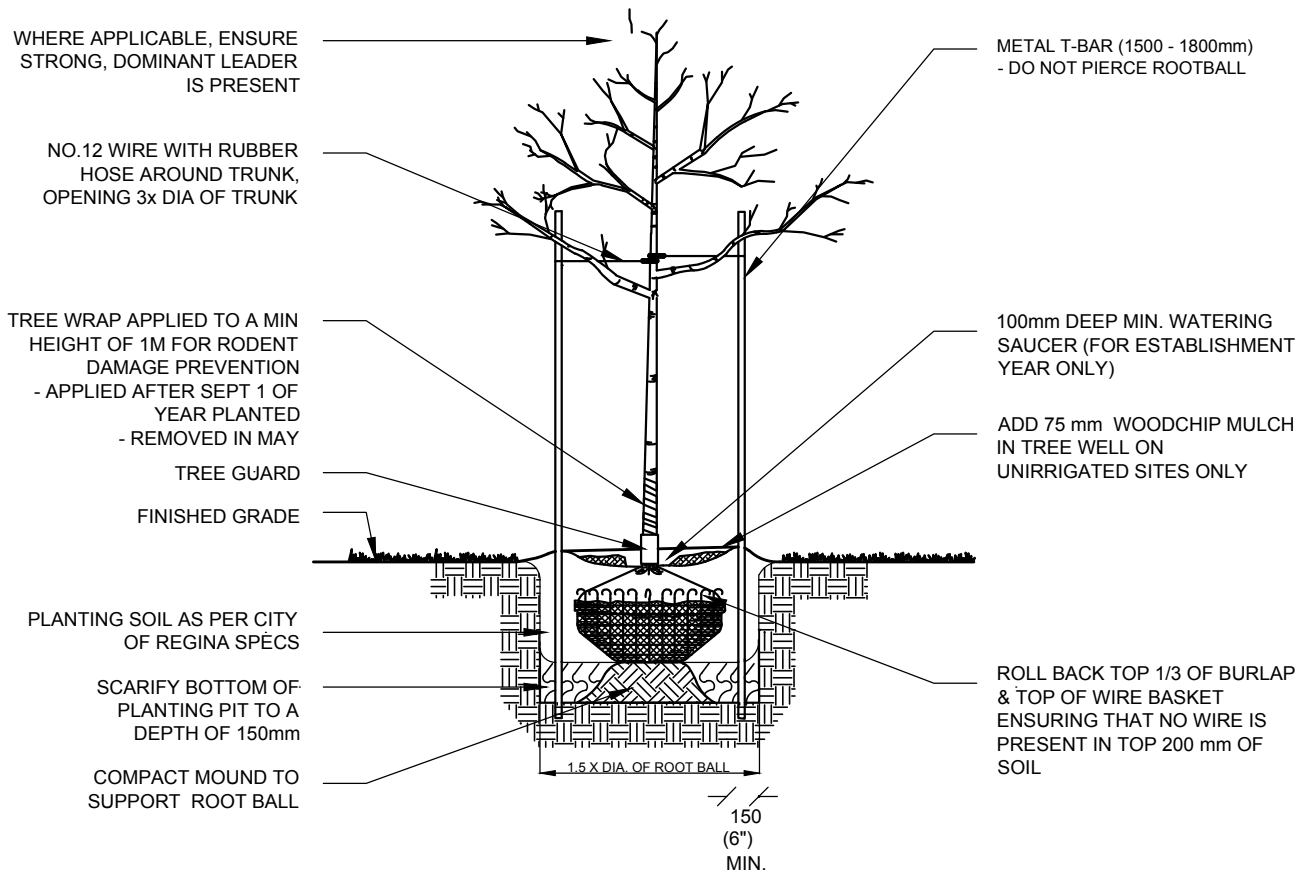
1. DEPENDING ON SITE CONDITIONS, AS WELL AS OTHER FACTORS, STAKING MAY NOT BE REQUIRED
2. STAKES & WIRE ARE TO BE CLEAR OF BRANCHES
3. ENSURE TREES WATERED SAME DAY AS PLANTED
4. TREES TO BE TAGGED WITH CITY OF REGINA ID TAG. TAGS TO BE LOCATED ON SOUTH SIDE OF TREE ON LATERAL BRANCH, 1.5m FROM GROUND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



Date	Revisions	By
Feb-2010	Titleblock, detail notes	MF

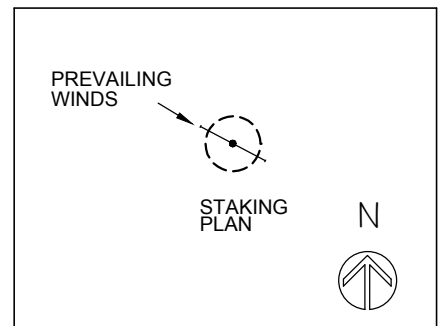


LANDSCAPE CONSTRUCTION STANDARDS		
LANDSCAPE PLANTING		
CONIFEROUS TREE - TREE SPADE		
Designed By:	Approved:	
RAY MORGAN		
Date	Scale	
13-Aug-10	NTS	LP-1E
Digital File:		
LP-1E - Coniferous Tree Planting Detail - Tree Spade.dwg		



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:	10-Aug-10	Scale: NTS
Digital File:	LP-2C - Deciduous Tree Planting Detail - B&B Pit.dwg	
Approved:	LP-2C	

WHERE APPLICABLE, ENSURE STRONG, DOMINANT LEADER IS PRESENT

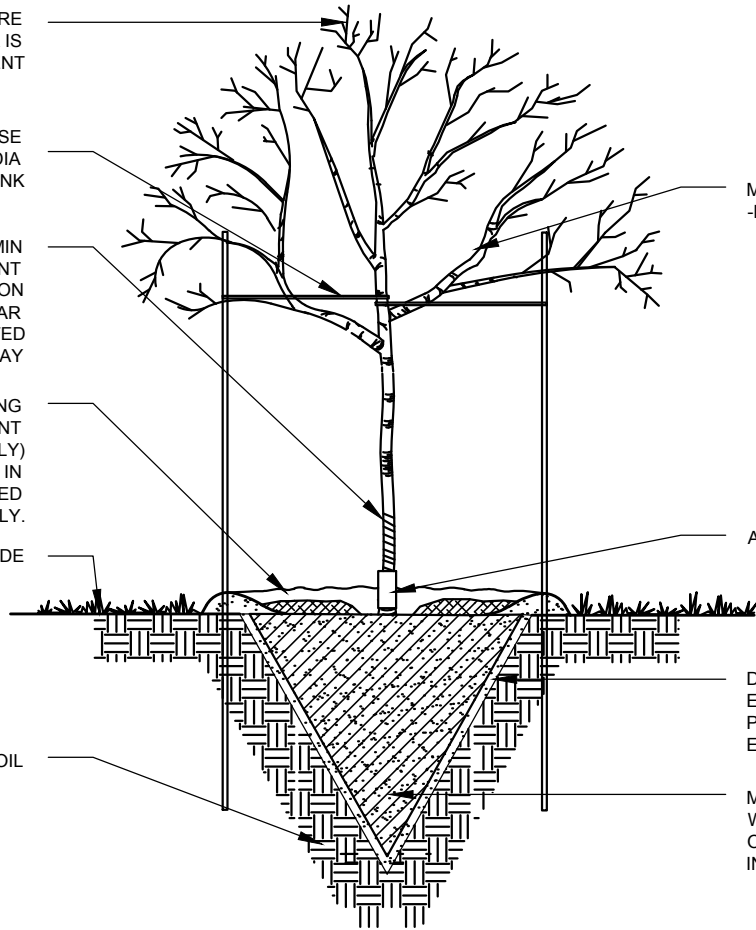
NO.12 WIRE WITH RUBBER HOSE AROUND TRUNK, OPENING 3x DIA OF TRUNK

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

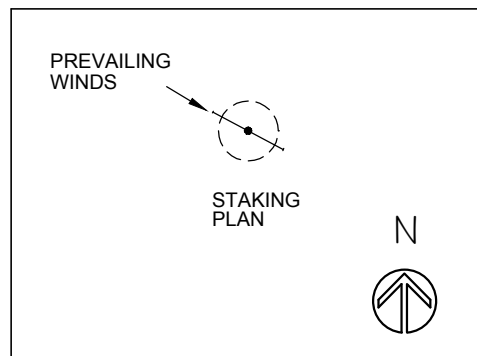
ARBOR GUARD AG9-4

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: RAY MORGAN	Approved:
Date 17-Aug-10	Scale NTS
LP-2F	
Digital File: LP-2F - Deciduous Tree Planting Detail - Tree Spade.dwg	

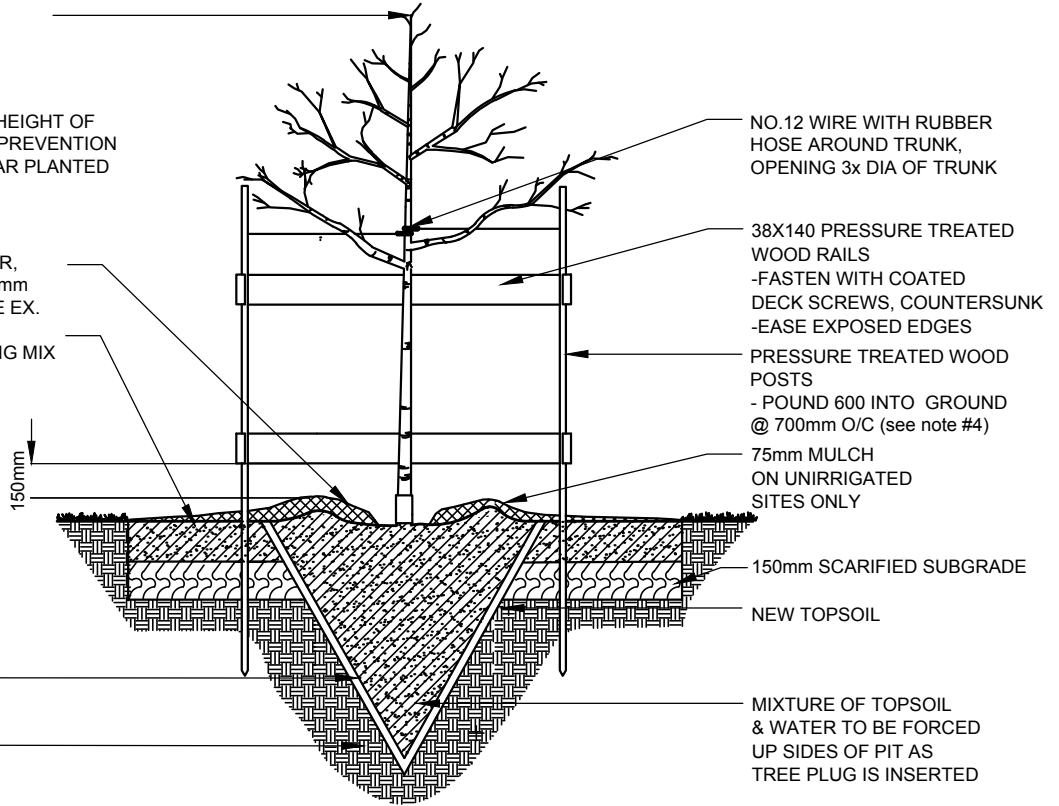
WHERE APPLICABLE, ENSURE STRONG, DOMINANT LEADER IS PRESENT

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)

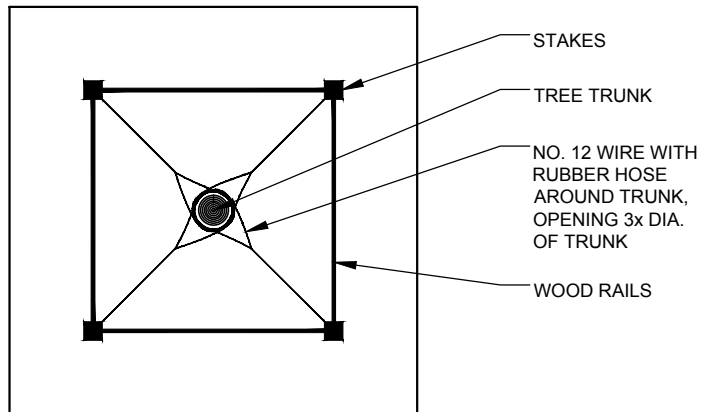
75mm MULCH ON UNIRRIGATED SITES ONLY

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

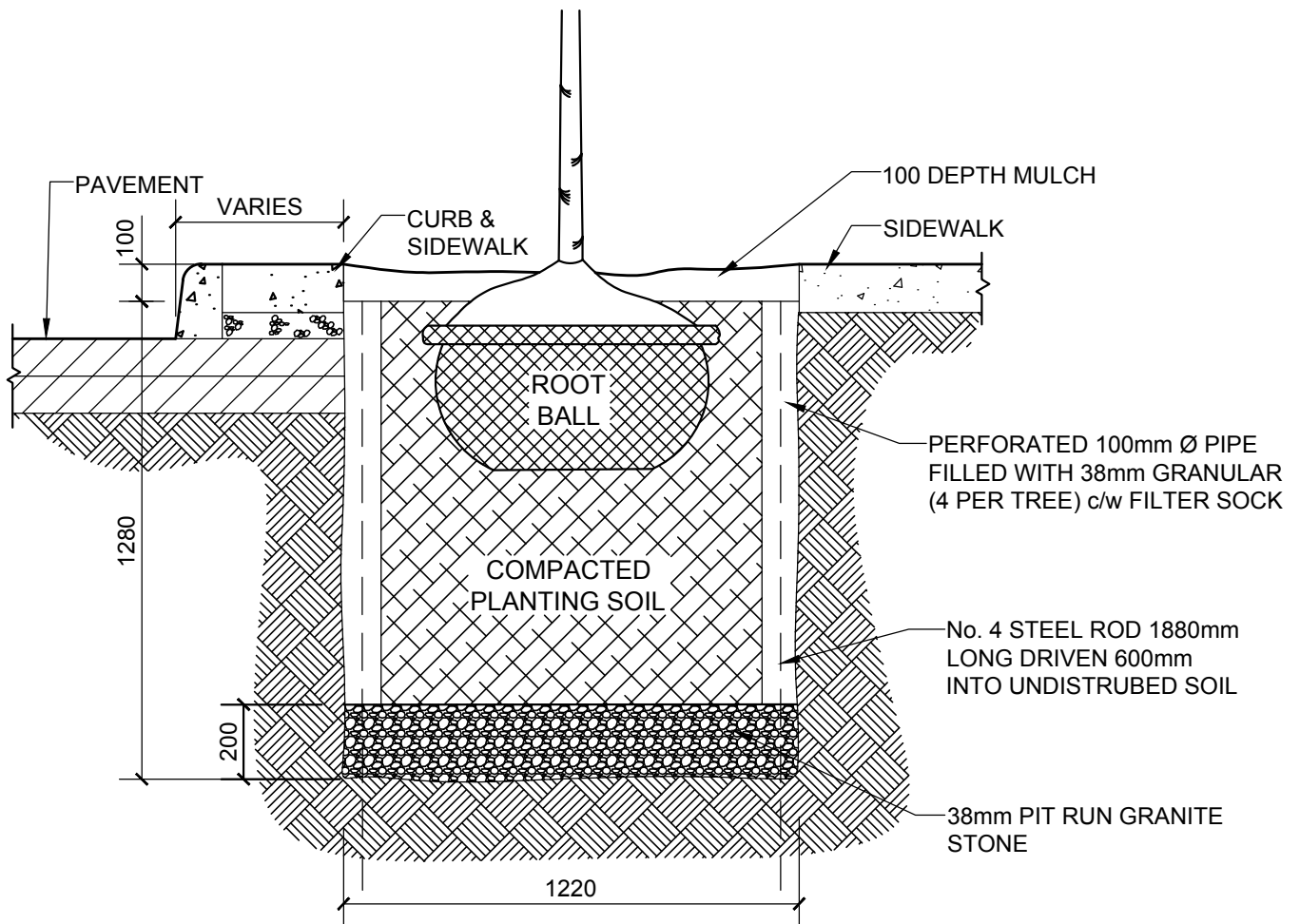


TOP VIEW

Date	Revisions	By
Feb-2010	Titleblock, Detail Notes	MF



LANDSCAPE CONSTRUCTION STANDARDS		
LANDSCAPE PLANTING		
DEDICUOUS TREE IN SCHOOL YARD		
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		

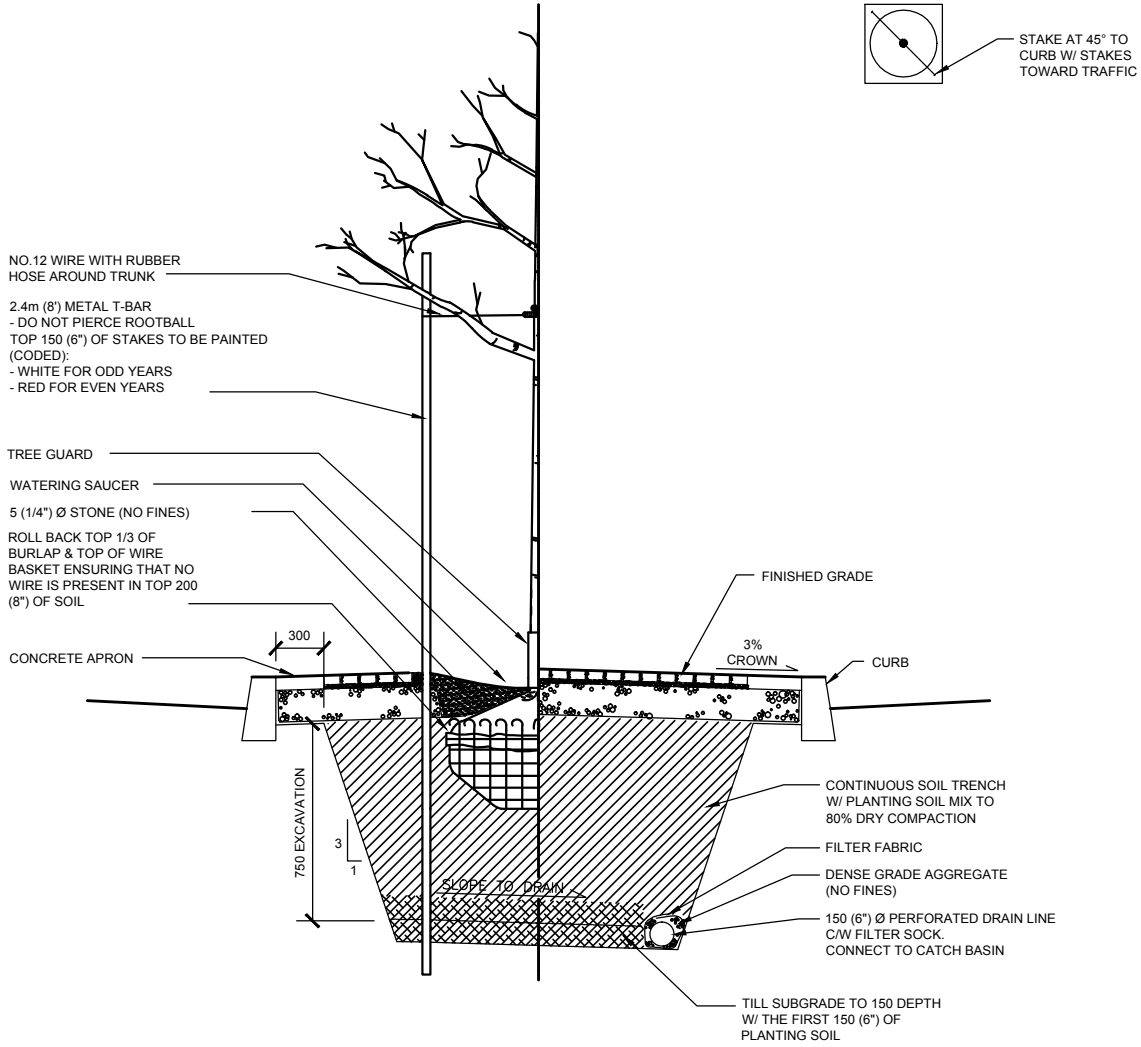


Date	Revisions	By
Feb-2010	Titleblock	MF



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		

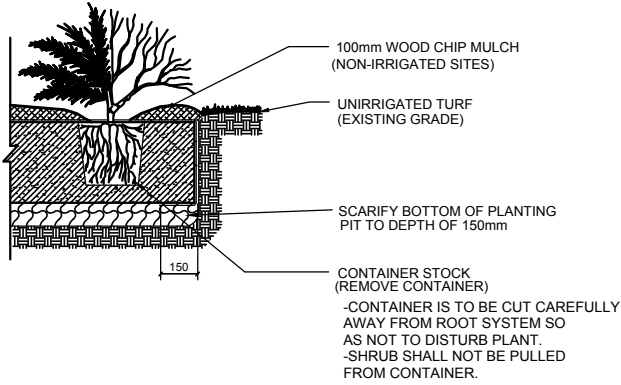
NOTE:
 THIS DETAIL IS DESIGNED FOR A 3.6m WIDTH MEDIAN WITH
 TREES SPACED AT 10m o/c TO ACCOMMODATE 28m³ OF SOIL PER
 TREE W/ 400 □ TRUNK AT MATURITY. ANY SIGNIFICANT
 VARIATIONS IN TREE SPACING OR MEDIAN WIDTH WILL REQUIRE
 ADJUSTMENTS TO THE DETAIL TO MEET NECESSARY SOIL
 VOLUME.



Date	Revisions	By
Feb-2010	Titleblock	MF

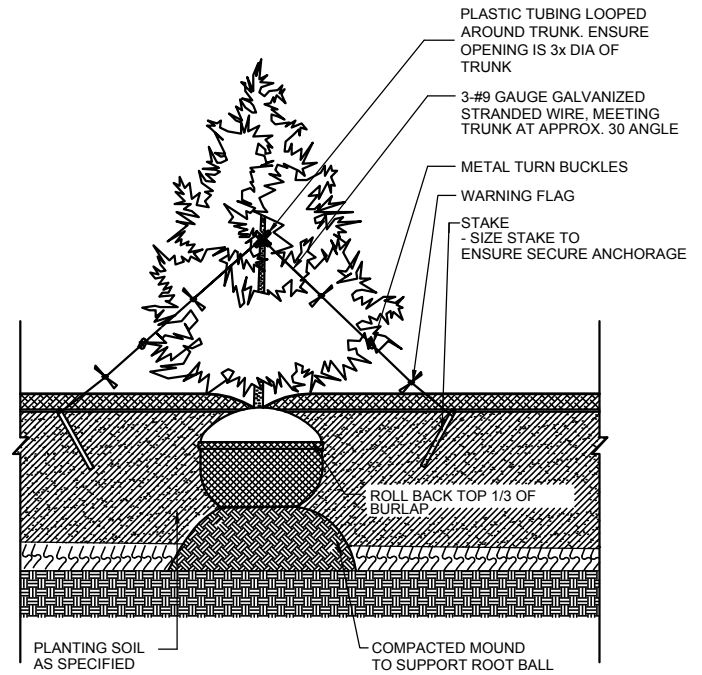
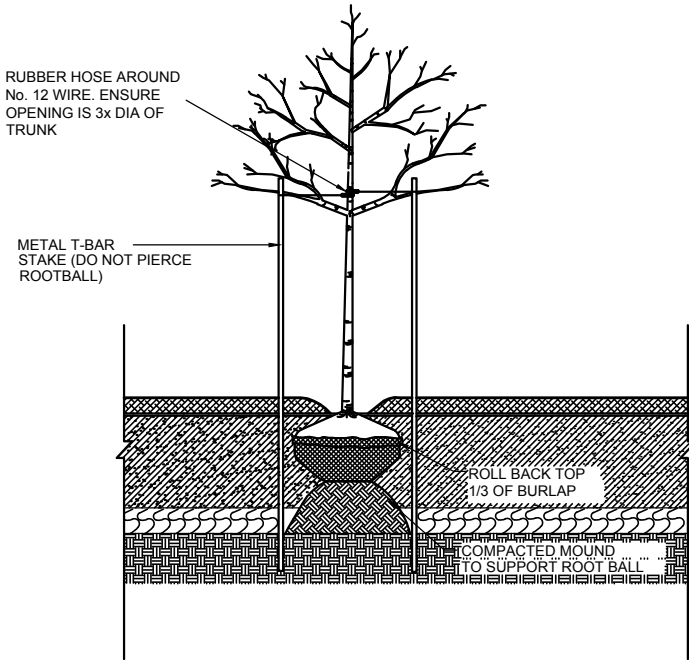


LANDSCAPE CONSTRUCTION STANDARDS		
LANDSCAPE PLANTING		
MEDIAN TREE PLANTING-CONTINUOUS SOIL TRENCH		
Designed By:	Approved:	
RAY MORGAN		
Date	Scale	
13-Aug-10	NTS	LP-6A
Digital File: LP-6A - Median Tree Planting Detail - Continuous Soil Trench.dwg		



NOTES:

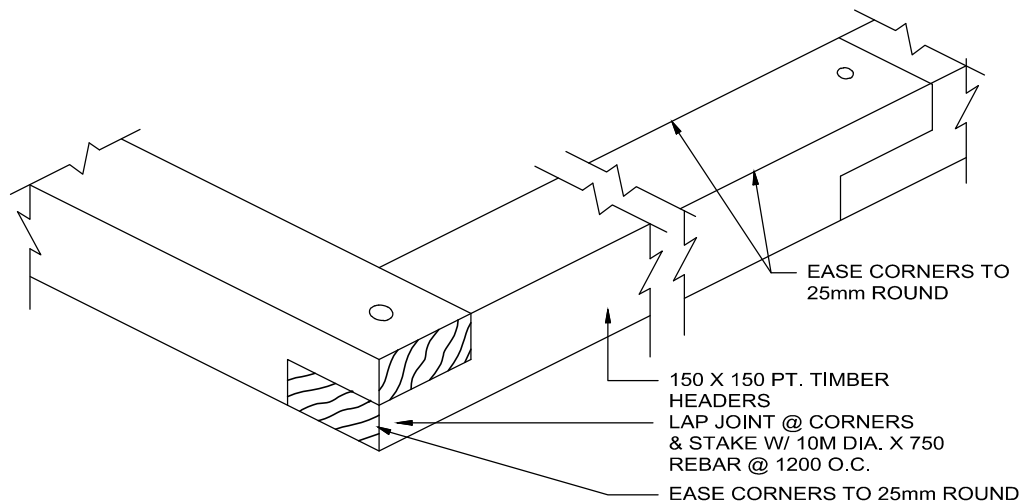
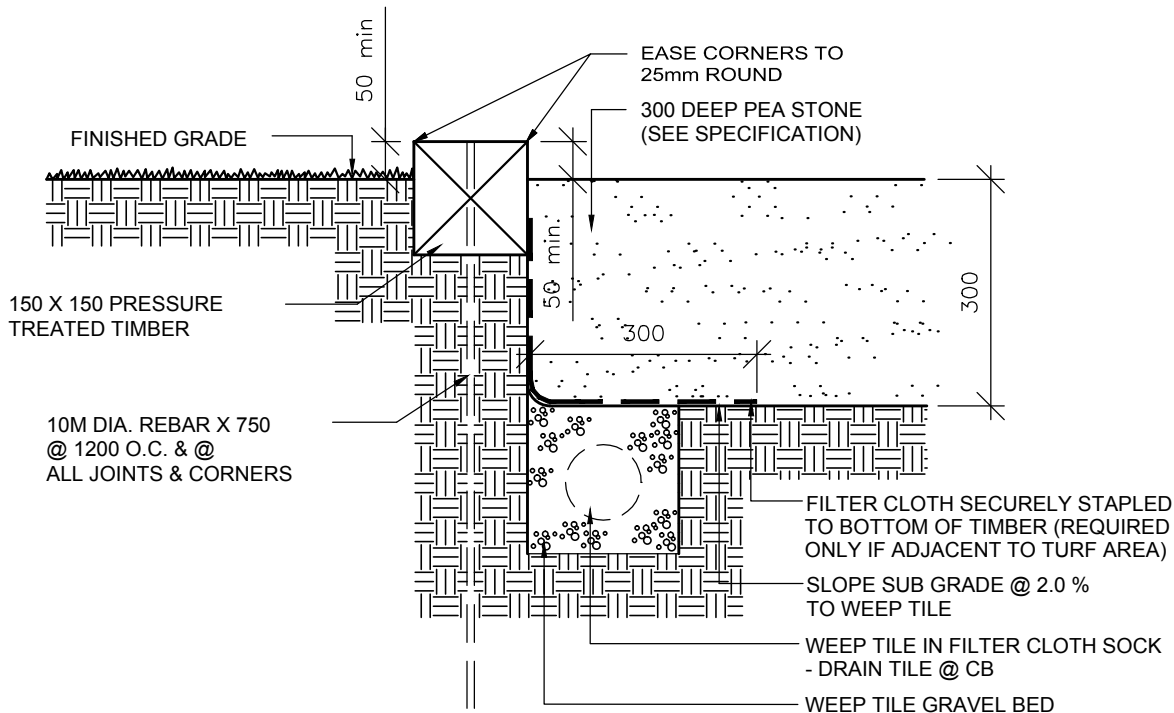
1. STAKES & WIRE TO BE CLEAR OF BRANCHES
2. DEPENDING ON SITE CONDITIONS AS WELL AS OTHER FACTORS, STAKING MAY NOT BE REQUIRED
3. ENSURE PLANTS WATERED SAME DAY AS PLANTED
4. TREES TO BE TAGGED WITH CITY OF REGINA ID TAG (CONTACT CITY OF REGINA TO OBTAIN TAGS), TAGS TO BE LOCATED ON SOUTH SIDE OF TREE 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		



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

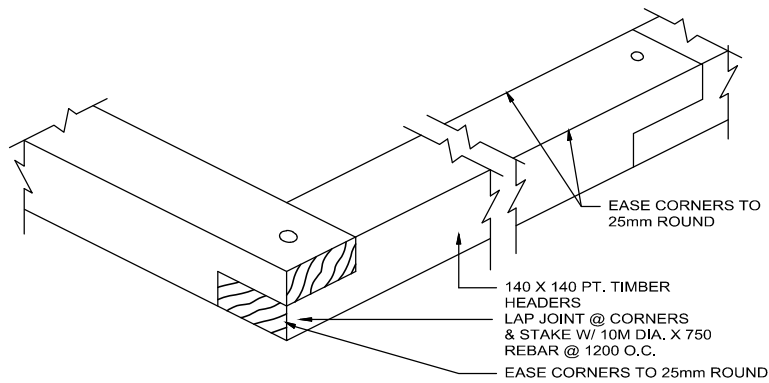
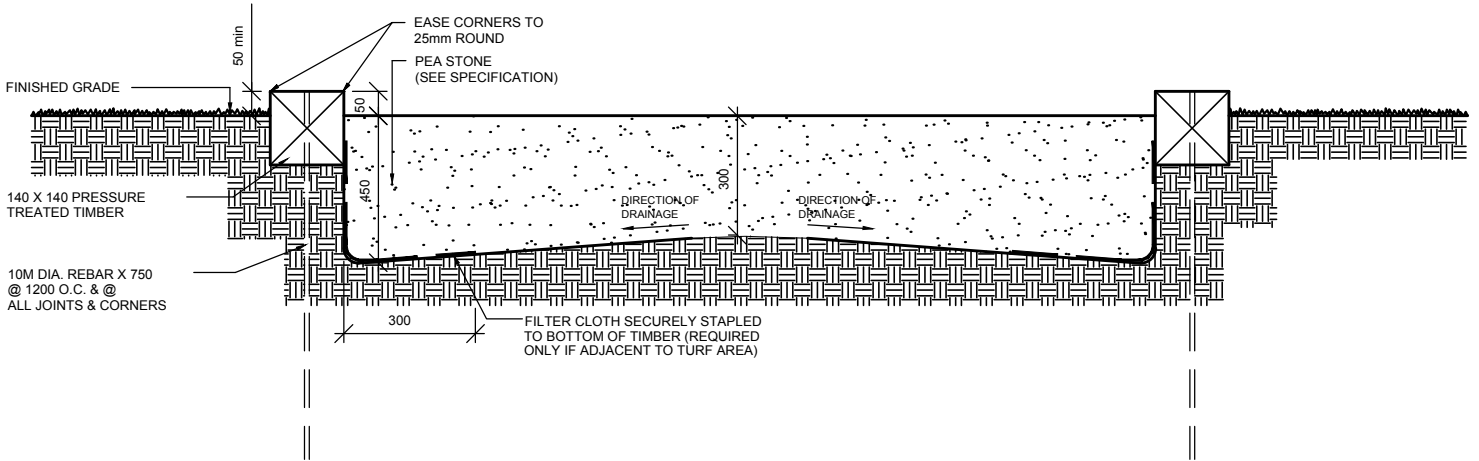
SPECIFICATION:
PEASTONE: ROUNDED WASHED ROCK

Date	Revisions	By
Feb-2010	Titleblock	MF



LANDSCAPE CONSTRUCTION STANDARDS
LANDSCAPE SURFACE
TIMBER EDGE & CORNER DETAIL

Designed By:		Approved:	
Date	Scale	LS-3A	
13-Aug-10	N.T.S.		
Digital File: LS-3A - 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

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

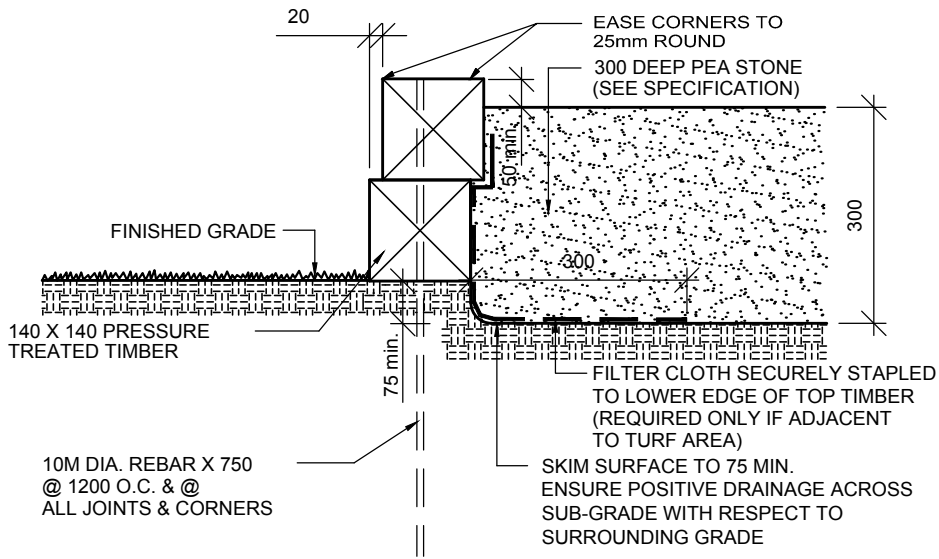
SPECIFICATION:
PEASTONE: ROUNDED WASHED ROCK

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			

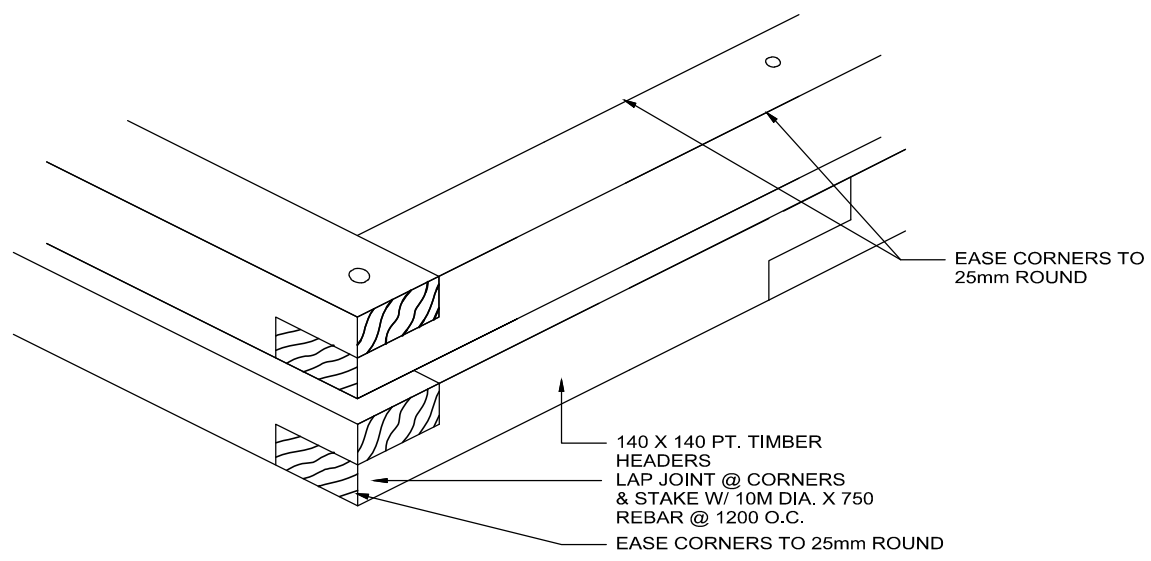


10M DIA. REBAR X 750 @ 1200 O.C. & @ ALL JOINTS & CORNERS

140 X 140 PRESSURE TREATED TIMBER

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



EASE CORNERS TO 25mm ROUND

140 X 140 PT. TIMBER HEADERS LAP JOINT @ CORNERS & STAKE W/ 10M DIA. X 750 REBAR @ 1200 O.C. EASE CORNERS TO 25mm ROUND

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

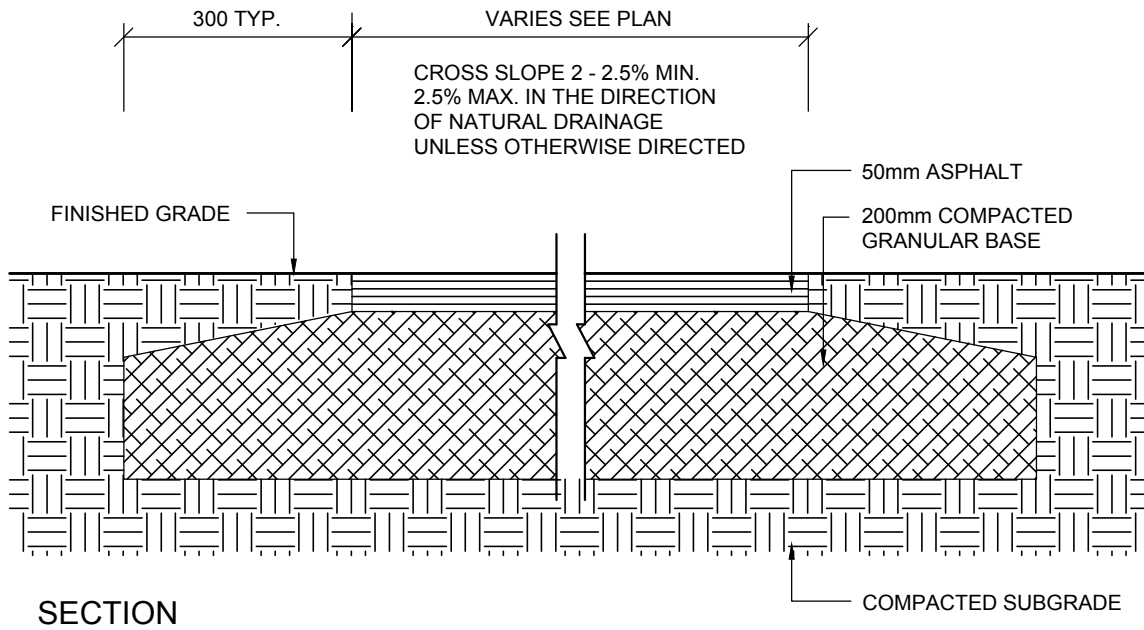
LANDSCAPE SURFACE

ABOVE GRADE TIMBER EDGE & CORNER

Designed By: _____ Approved: _____

Date: 13-Aug-10 Scale: N.T.S. **LS-3C**

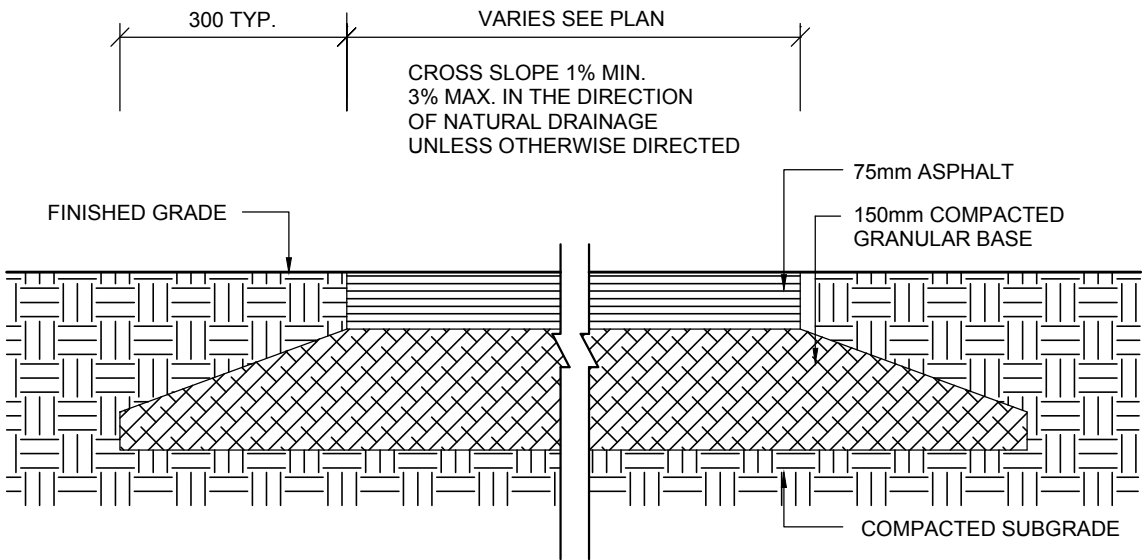
Digital File: LS-3C - Above Grade Timber Edge and Corner Detail.dwg



Date	Revisions	By
Feb-2010	Titleblock	MF



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

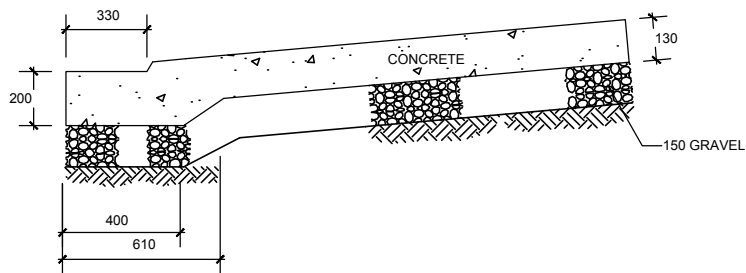
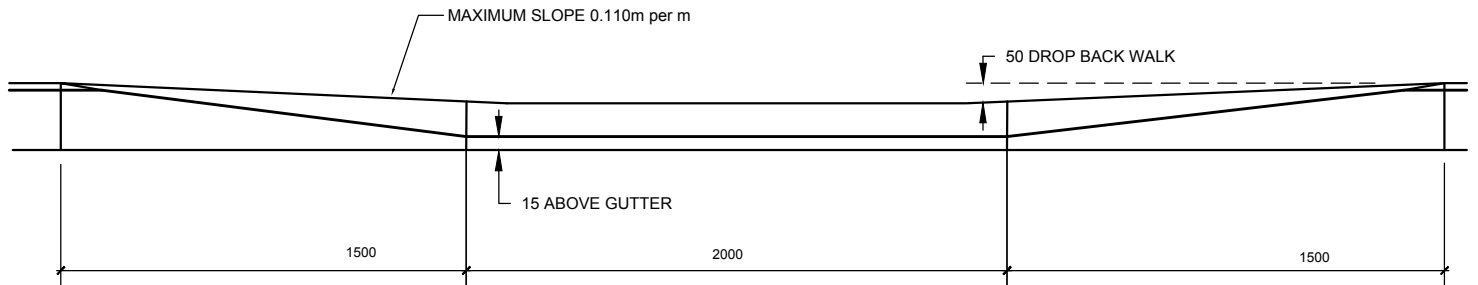
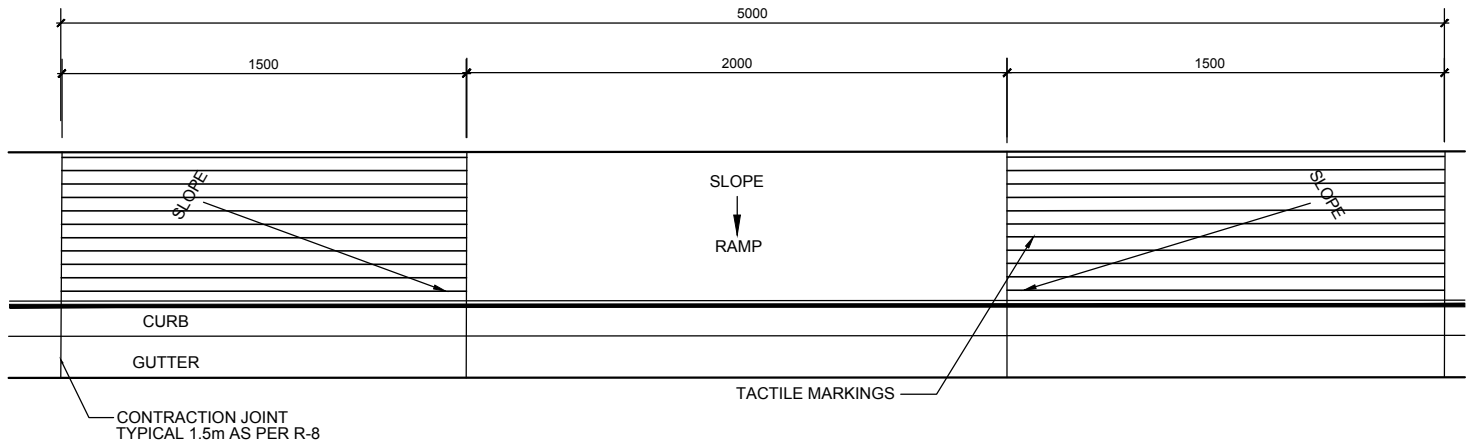


Date	Revisions	By
Feb-2010	Titleblock	MF



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		