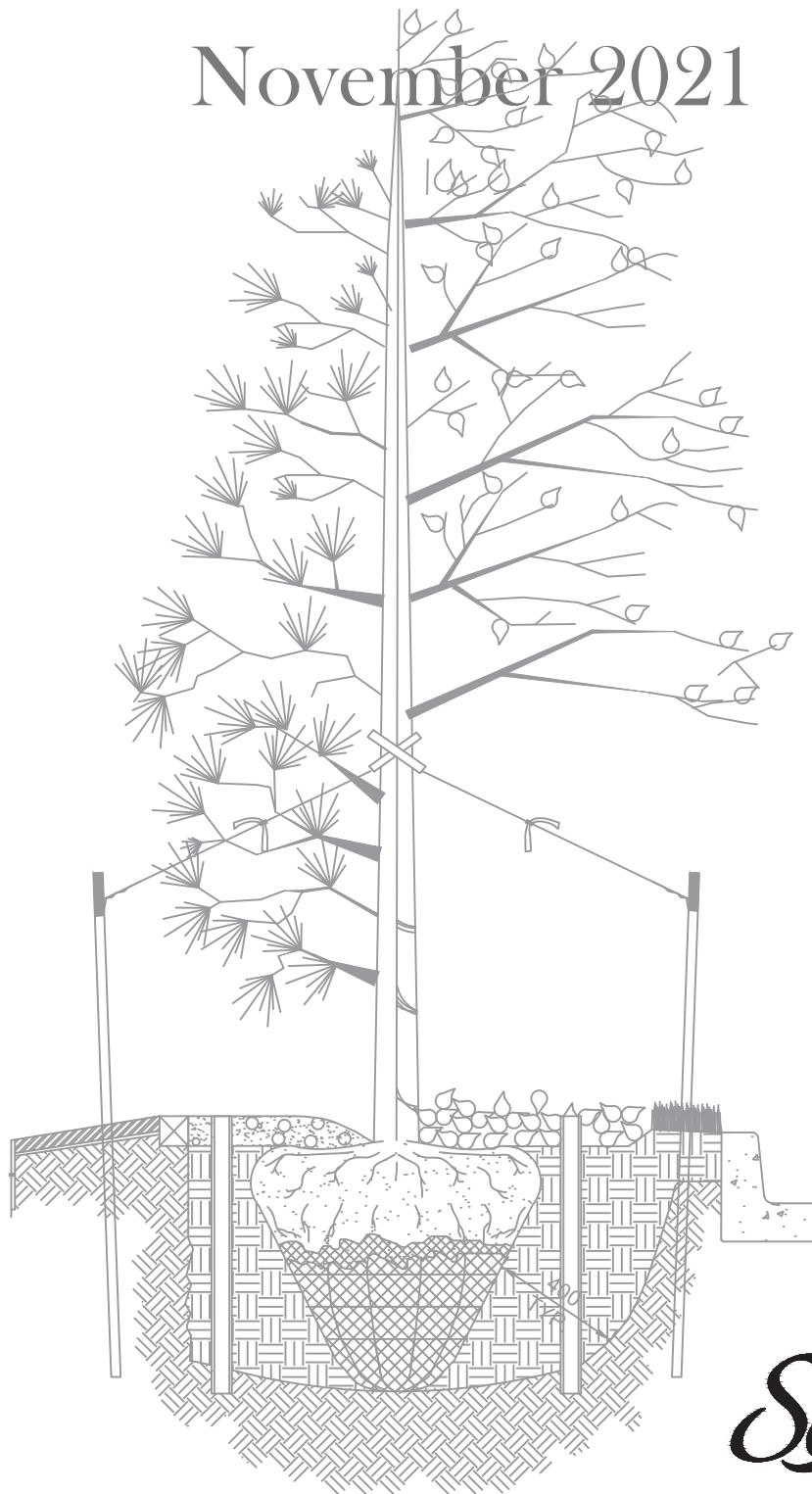


**APPENDIX D**  
**LANDSCAPE STANDARD DRAWINGS**

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# CITY OF ST. ALBERT MUNICIPAL LANDSCAPING STANDARDS

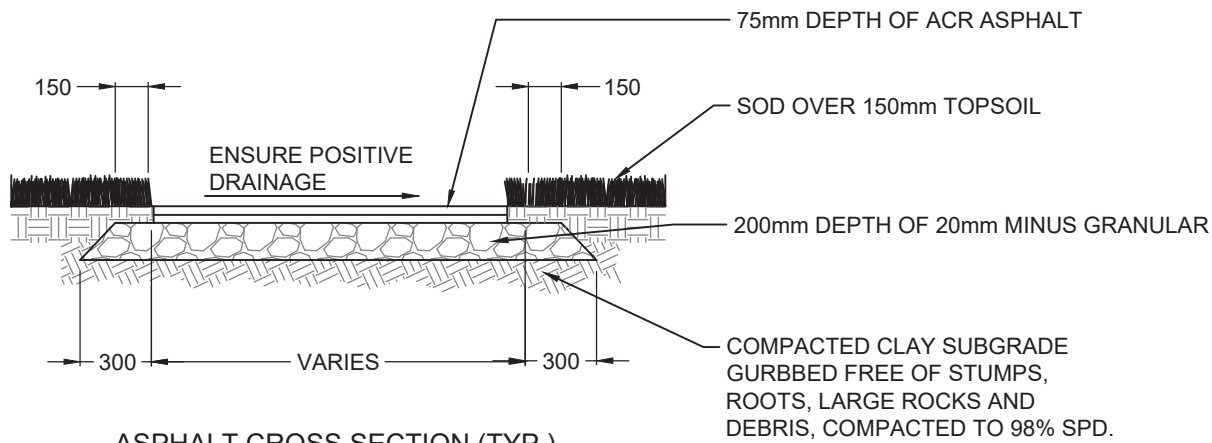
November 2021



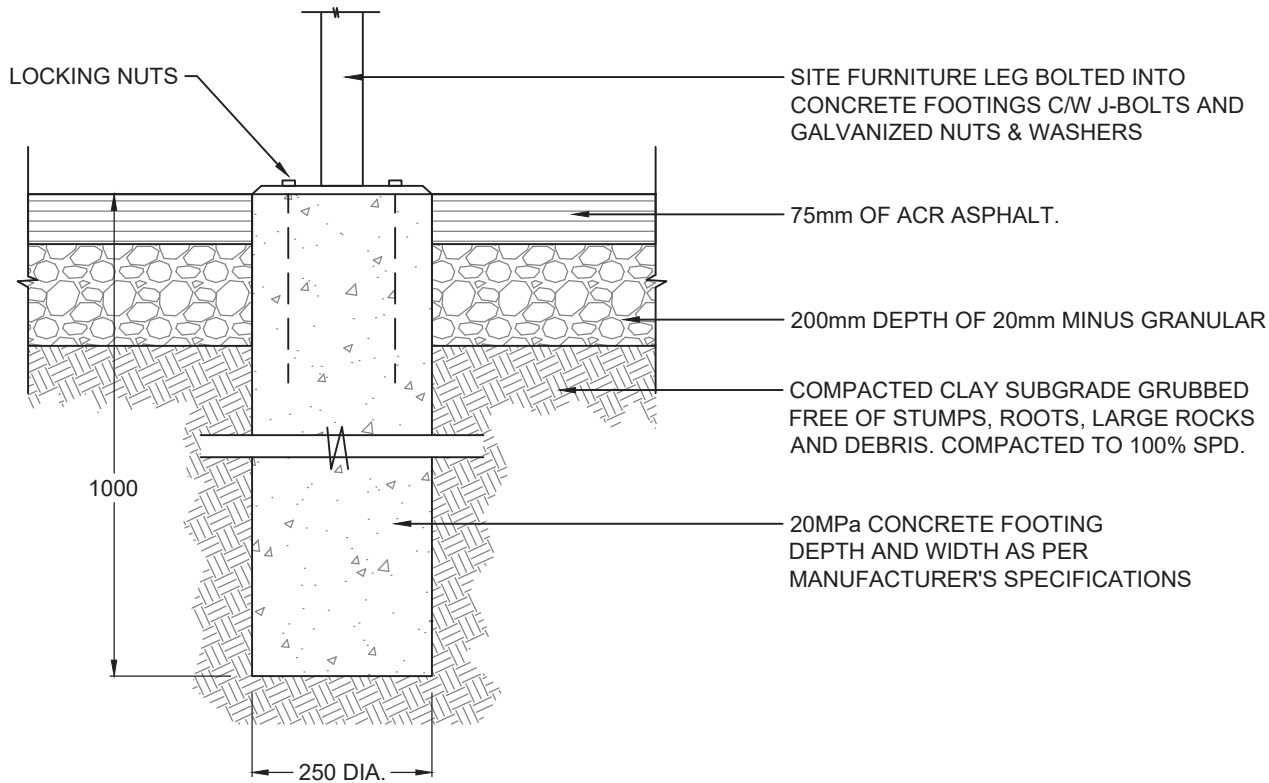
**STANDARD DRAWINGS**

<b>Drawing Number</b>	<b>Drawing Name</b>	<b>Revision Date (M/D/Y)</b>
10.1	Asphalt Walkway or Plaza	10/04/2019
10.2	Concrete Walkway or Plaza	10/04/2019
10.3	Paving Stone Walkway or Plaza	10/04/2019
10.4	Granuler Walkway	10/04/2019
10.5	Gravel Timber Steps	04/01/2013
10.6	Gravel Plank Steps	04/01/2013
10.7	Culvert Under Walkway	04/01/2013
10.8	Sub Drainage Pipe Installation	10/04/2019
10.9	French Drain Detail	04/01/2013
11.0	Capital Projects Template	10/04/2019
11.1	Typical Tree Planting Detail	10/04/2019
11.2	Typical Tree Planting on Slope	10/04/2019
11.3	Typical Tree Transplanted	10/04/2019
11.4	Typical Tree Grate Planting	10/04/2019
11.5	Typical Median Tree Planting	10/04/2019
11.6	Typical Planting Bed	10/04/2019
11.7	Typical Multi-Stem Installation	10/04/2019
11.8	Typical Multi-Stem Transplanted	10/04/2019
11.9	Typical Shrub Naturalization	10/04/2019
11.10	Typical Planting Bed on Slope	10/04/2019
11.11A	Tree Dripline Detail	04/08/2014
11.11B	Large Tree Hoarding	04/01/2013
11.12	Small Tree Hoarding (Max. 60mm Caliper)	04/08/2014
11.13	Typical Tree Staking	04/24/2014
11.14	Typical Tree Root Trench	10/04/2019
13.1	Sod Installation	10/04/2019
14.1	Bench Detail	10/04/2019
14.2	Trash Receptacle	04/01/2013
14.3	Alfa Maxi Receptacle	04/01/2013
14.4	Pedestal Table	04/01/2013
14.5	152mm x 203mm Wood Bumper Post	04/01/2013

<b>Drawing Number</b>	<b>Drawing Name</b>	<b>Revision Date (M/D/Y)</b>
14.6	Permanent Wood Rail Fence Detail	04/01/2013
14.7	1400mm High Wood Guard Rail	04/01/2013
14.8	915mm High Wood Guard Rail	04/01/2013
14.9	Temporary Wood Rail Fence Detail	04/01/2013
14.10	Chain Link Fence Frame	04/01/2013
14.11	Chain Link Fence Single Gate	10/04/2019
14.12	Chain Link Fence Double Gate	10/04/2019
14.13	1800mm High Bern Fence	04/01/2013
14.14	1800mm Height Sound Attenuation Fence	04/01/2013
14.15	Wood Screen Fence Step Down Detail	04/23/2014
14.16	Brick Column Detail	04/01/2013
14.17	BBQ Grill	04/01/2013
15.0	Park Swale Channel Detail	04/23/2014
18.1	Typical Benches with Concrete Pad	10/04/2019
18.2	Typical Picnic Table with Concrete Pad	10/04/2019
18.3	Full Size Sports Field Layout	04/24/2014
18.4	Mid Size Sports Field Layout	04/24/2014
18.5	Typical Bench Adjacent to Asphalt Trail	04/24/2014



**ASPHALT CROSS SECTION (TYP.)**



**SITE FURNITURE FOOTING WITHIN ASPHALT AREA**

**NOTES:**

1. SET ASPHALT SURFACE FLUSH TO ADJACENT GRADES.
2. ENSURE DRAINAGE OFF ASPHALT AT ALL LOCATIONS & IN DIRECTION OF OVERALL SITE DRAINAGE PLAN.
3. 20 MINUS GRANULAR 100% COMPACTED.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Asphalt Walkway or Plaza**

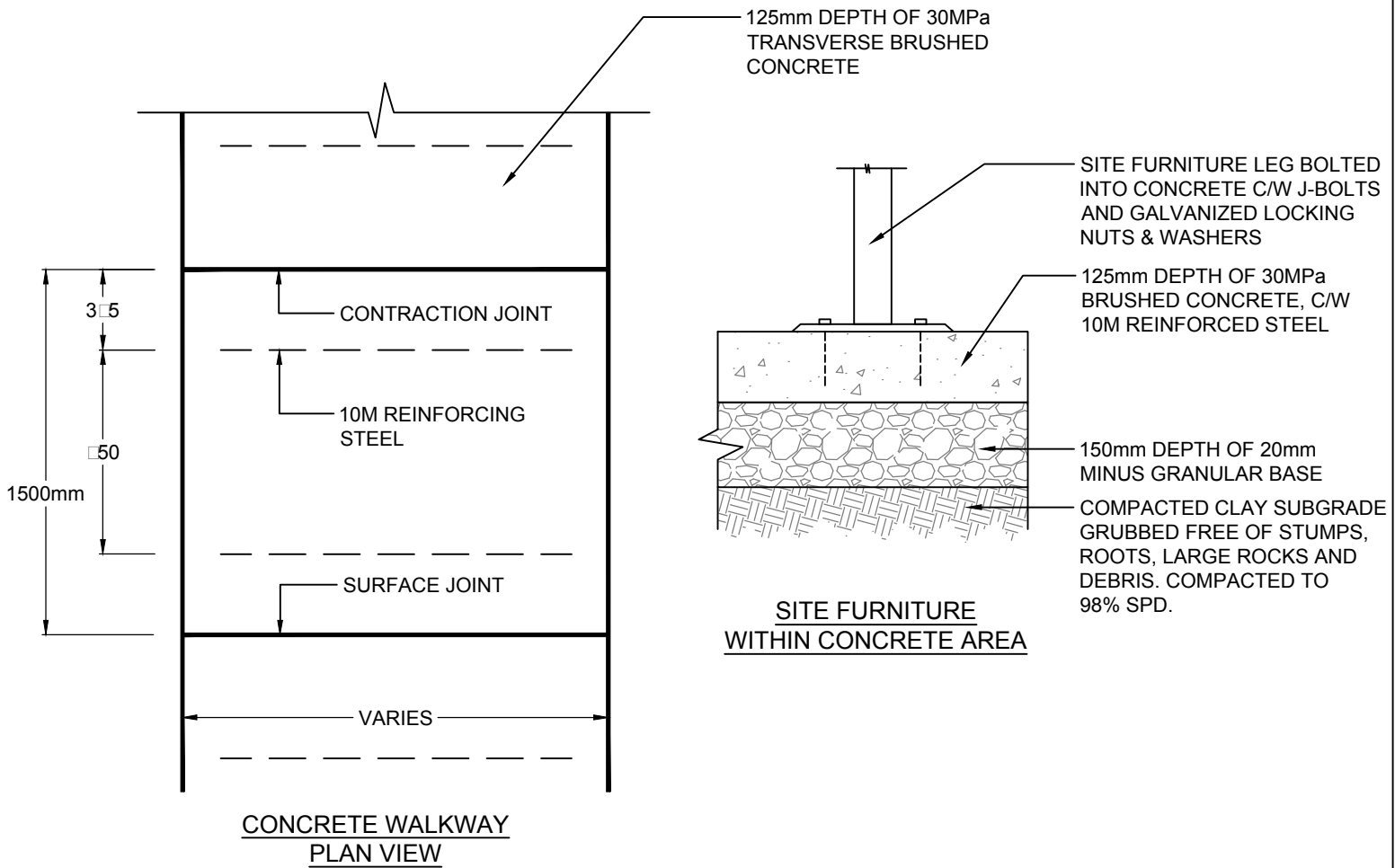
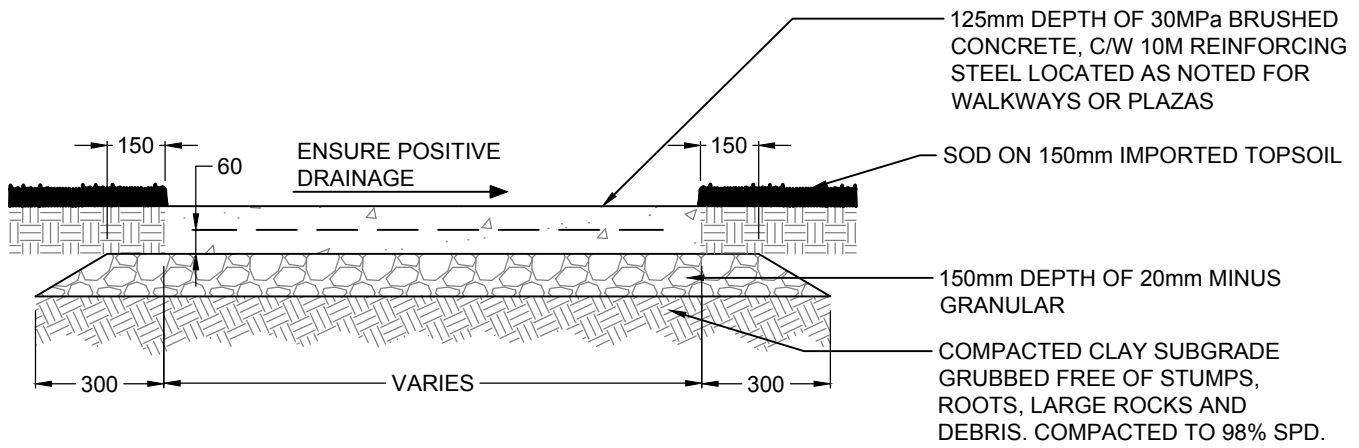
Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

**No. 10.1**



**NOTES:**

1. CONCRETE WALKWAY IS A WIDTH OF 1500-2400mm
2. PLAZA IS GREATER THAN 2400mm.
3. FOR PLAZA AREAS INSTALL REBAR AT 50mm O.C. IN BOTH DIRECTIONS. INSTALL CONTRACTION JOINTS AS PER LAYOUT DETAIL ON LANDSCAPE DRAWINGS.
4. SET CONCRETE SURFACE FLUSH TO ADJACENT GRADES.
5. ENSURE DRAINAGE OFF CONCRETE AT ALL LOCATIONS & IN DIRECTION OF OVERALL SITE DRAINAGE PLAN OR AS DESIGNED.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Concrete Walkway or Plaza**

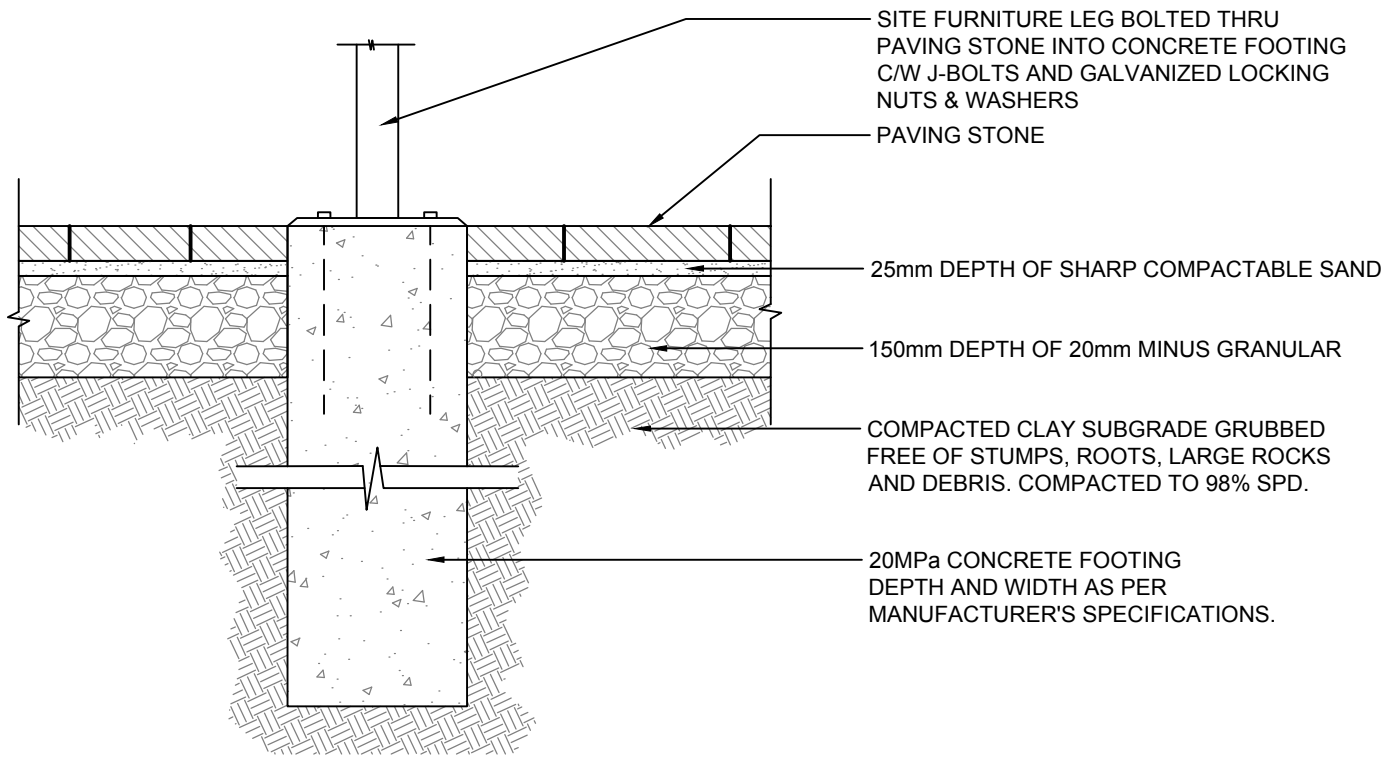
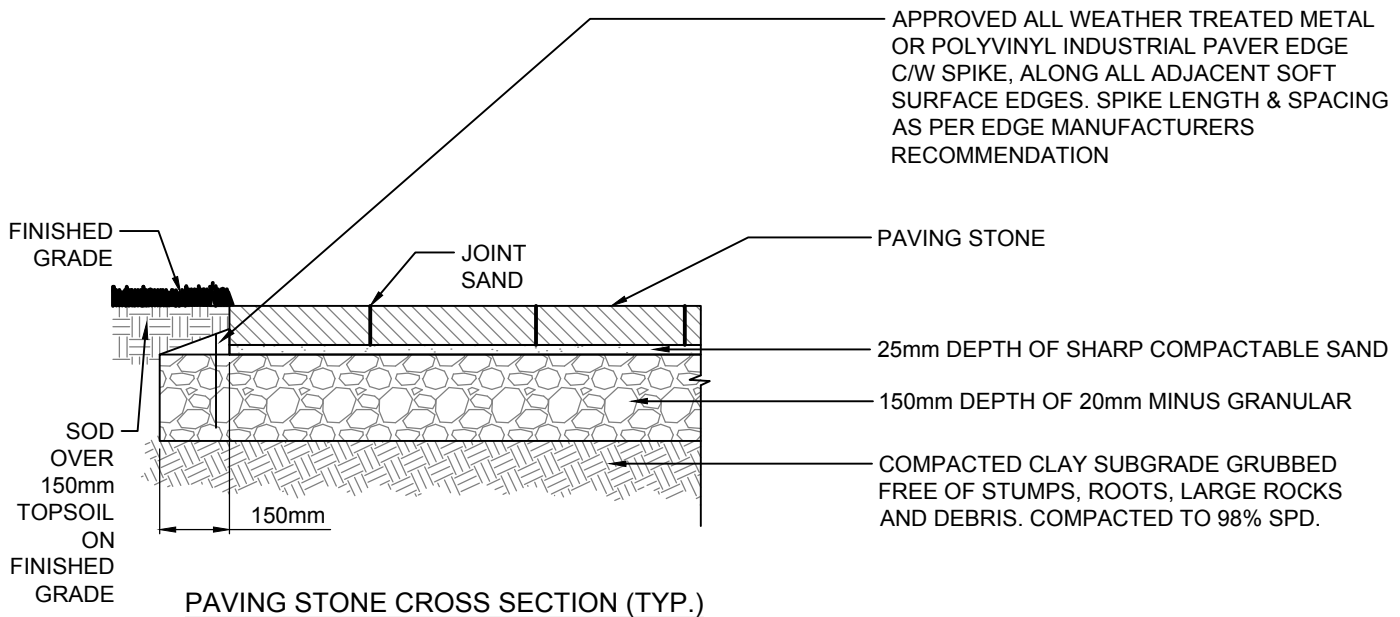
Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

**No. 10.2**



- NOTES:**
1. DIMENSIONS OF PAVING STONE WALKWAY OR PLAZA AS PER LANDSCAPE DRAWINGS.
  2. SET PAVING STONE SURFACE FLUSH TO ADJACENT SURFACES.
  3. ENSURE DRAINAGE OFF PAVING STONE AT ALL LOCATIONS & IN DIRECTION OF OVERALL SITE DRAINAGE PLAN.

REVISIONS	
Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards

*St. Albert* City of  
Engineering Services

5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Paving Stone Walkway or Plaza**

Planning & Engineering Department

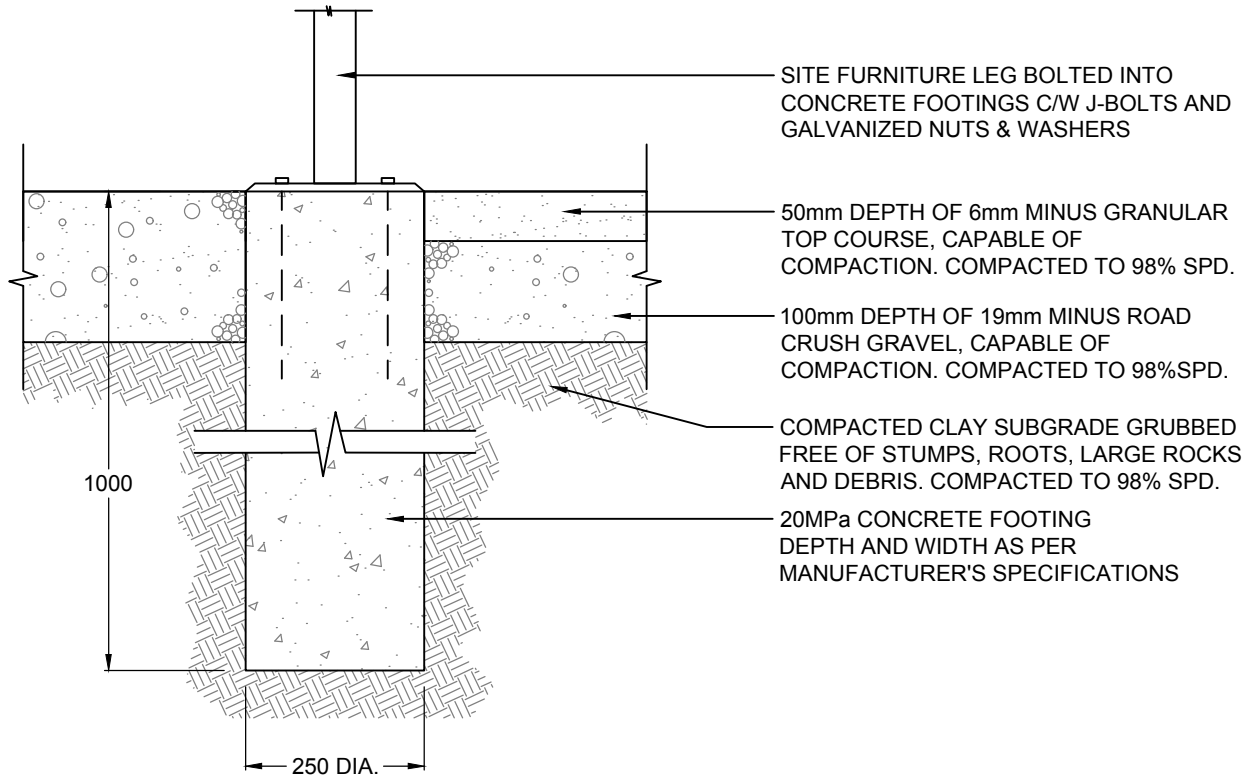
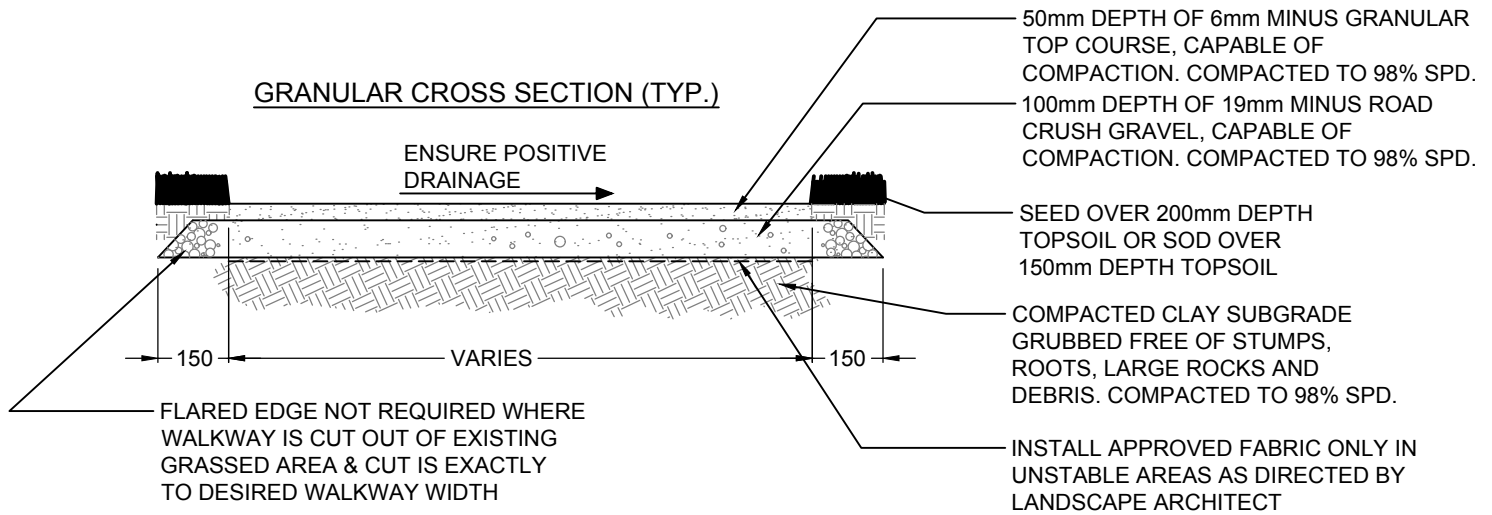
Date: 01/04/13      Scale: N.T.S.

Drawing Number:

**No. 10.3**



**GRANULAR CROSS SECTION (TYP.)**



**SITE FURNITURE FOOTING WITHIN NATURALIZED AREA**

**NOTES:**

1. DIMENSIONS OF NATURALIZED WALKWAY AS PER APPROVED CONSTRUCTION DRAWINGS.
2. SET NATURALIZED SURFACE FLUSH TO ADJACENT SURFACES.
3. ENSURE GRADE OF NATURALIZED WALKWAY IS IN DIRECTION OF OVERALL SITE DRAINAGE.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Naturalized Walkway**

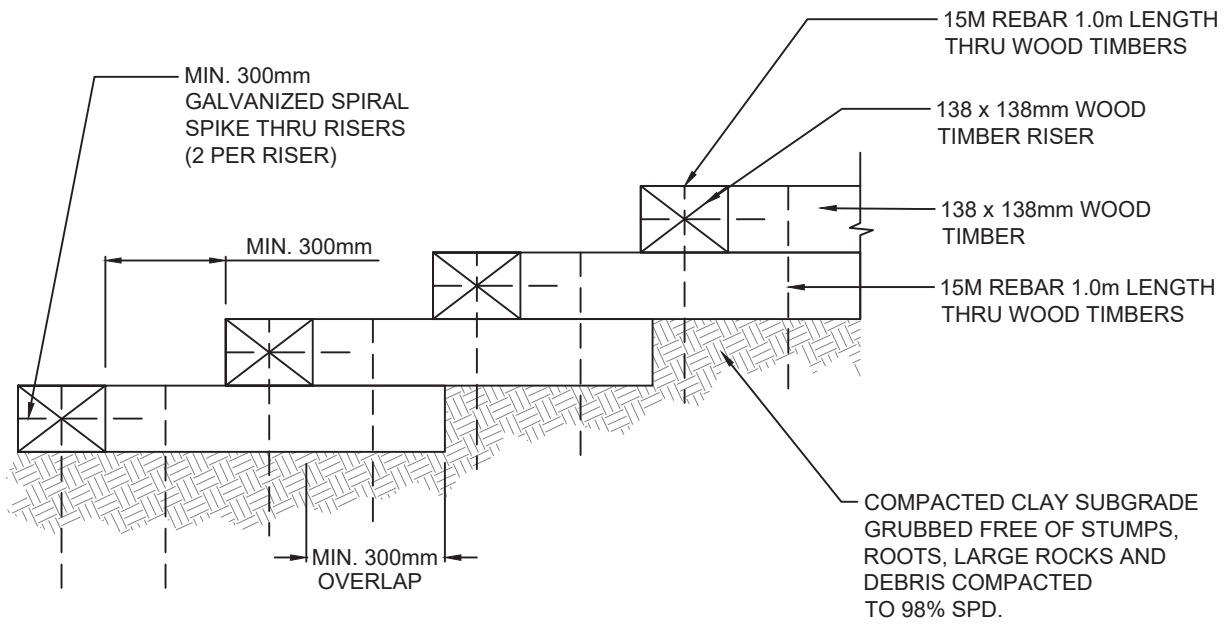
Planning & Engineering Department

Date: 01/04/13

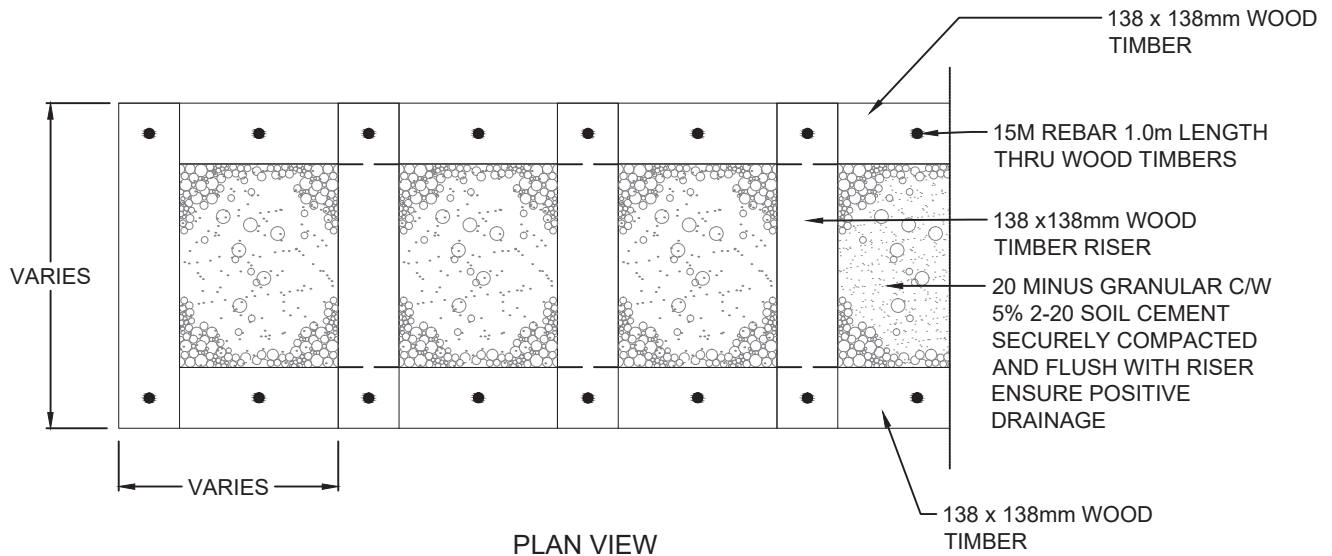
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Drawing  
Number:

**No. 10.4**



GRAVEL PLANK STEPS CROSS SECTION



REVISIONS

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

Gravel Timber Steps

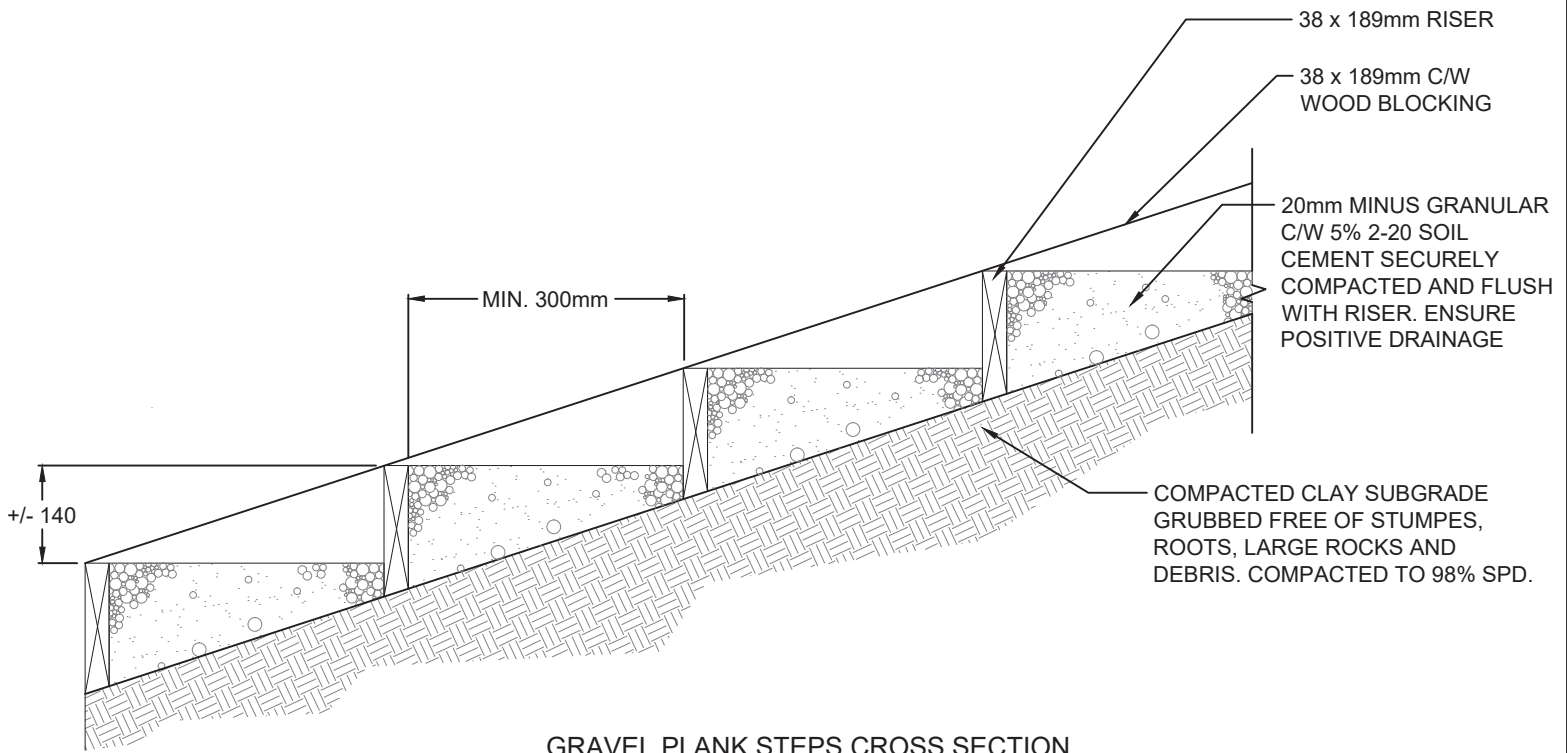
Planning & Engineering Department

Date: 01/04/13

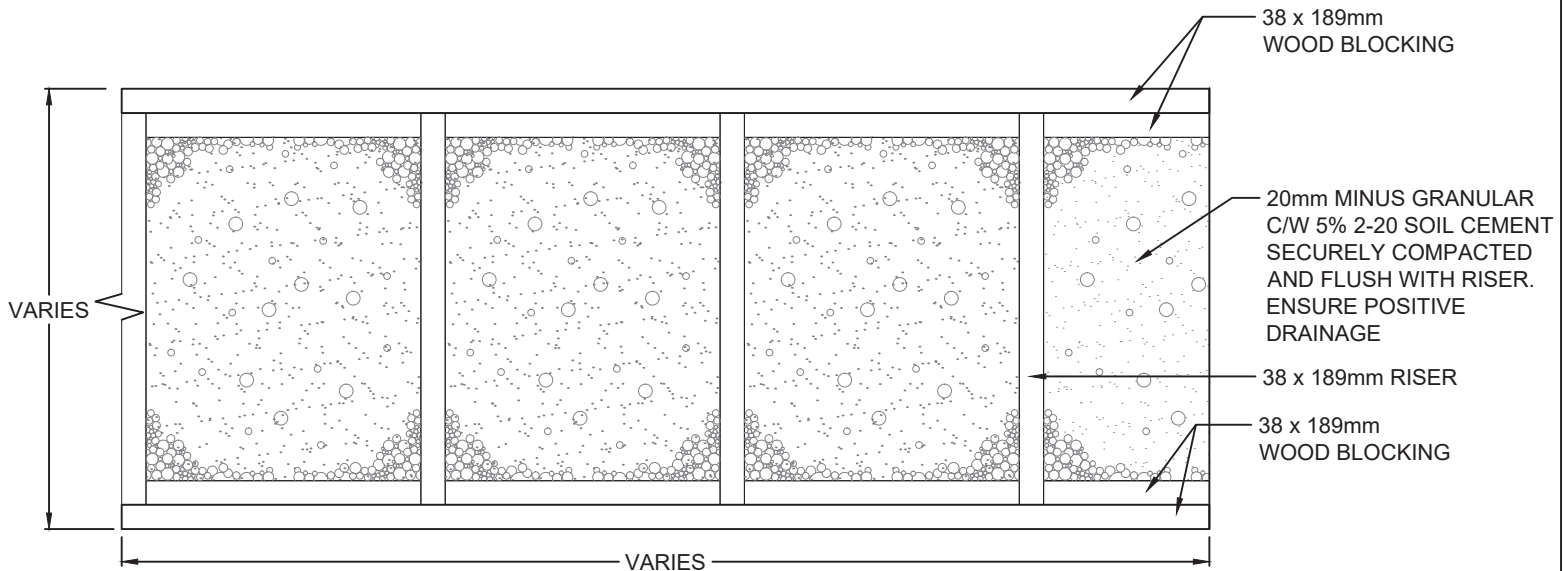
Scale: N.T.S.

Drawing  
Number:

No. 10.5



**GRAVEL PLANK STEPS CROSS SECTION**



**PLAN VIEW**

**NOTES:**

1. ALL WOOD TO BE PRESSURE TREATED ACQ EXCEPT IN PLAYGROUND AREAS - USE CEDAR OR APPROVED ALTERNATIVE.
2. DIMENSIONS OF GRAVEL PLANK STEPS AS PER LANDSCAPE DRAWINGS.
3. SET GRANULAR SURFACE FLUSH TO ADJACENT GRADES.
4. ENSURE DRAINAGE OFF STEPS AT ALL LOCATIONS & IN DIRECTION OF OVERALL SITE DRAINAGE PLAN.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Gravel Plank Steps**

Planning & Engineering Department

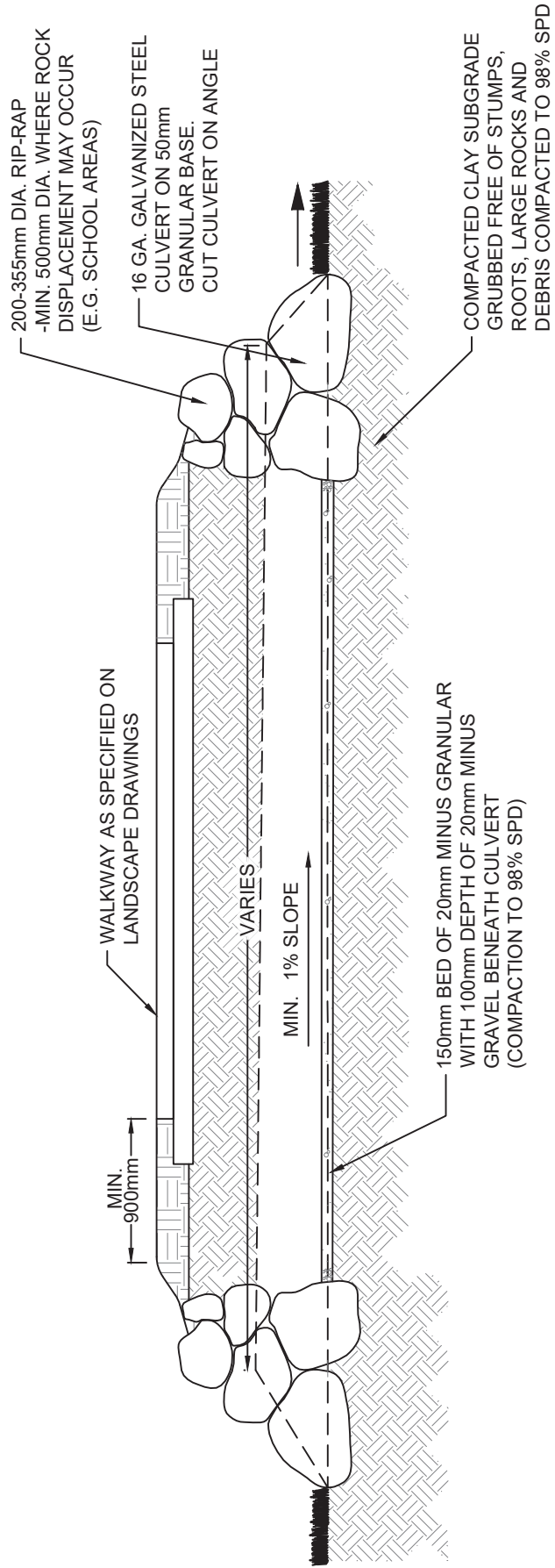
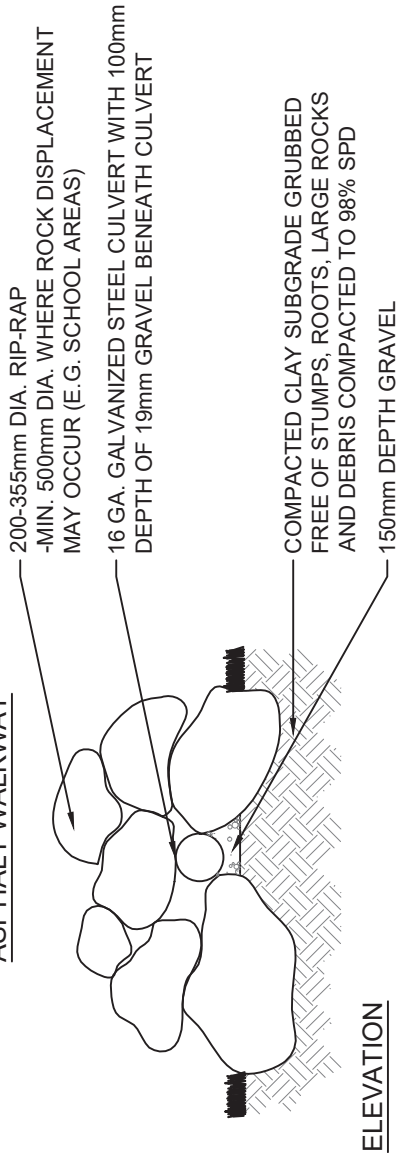
Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

**No. 10.6**

**FINISHED ELEVATION OF ASPHALT WALKWAY**



**NOTES:**

1. MATCH EXISTING GRADE TO ENSURE POSITIVE DRAINAGE OFF OF TRAIL SURFACE
2. LANDSCAPE ALL DISTURBED AREAS ALONG TRAIL EDGE WITH COMPACTED TOPSOIL AND SOD ON 250mm DEPTH TOPSOIL, BLEND INTO EXISTING
3. EXTEND GRANULAR BASE COURSE 150mm BEYOND TRAIL EDGE, BOTH SIDES

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Culvert Under Walkway**

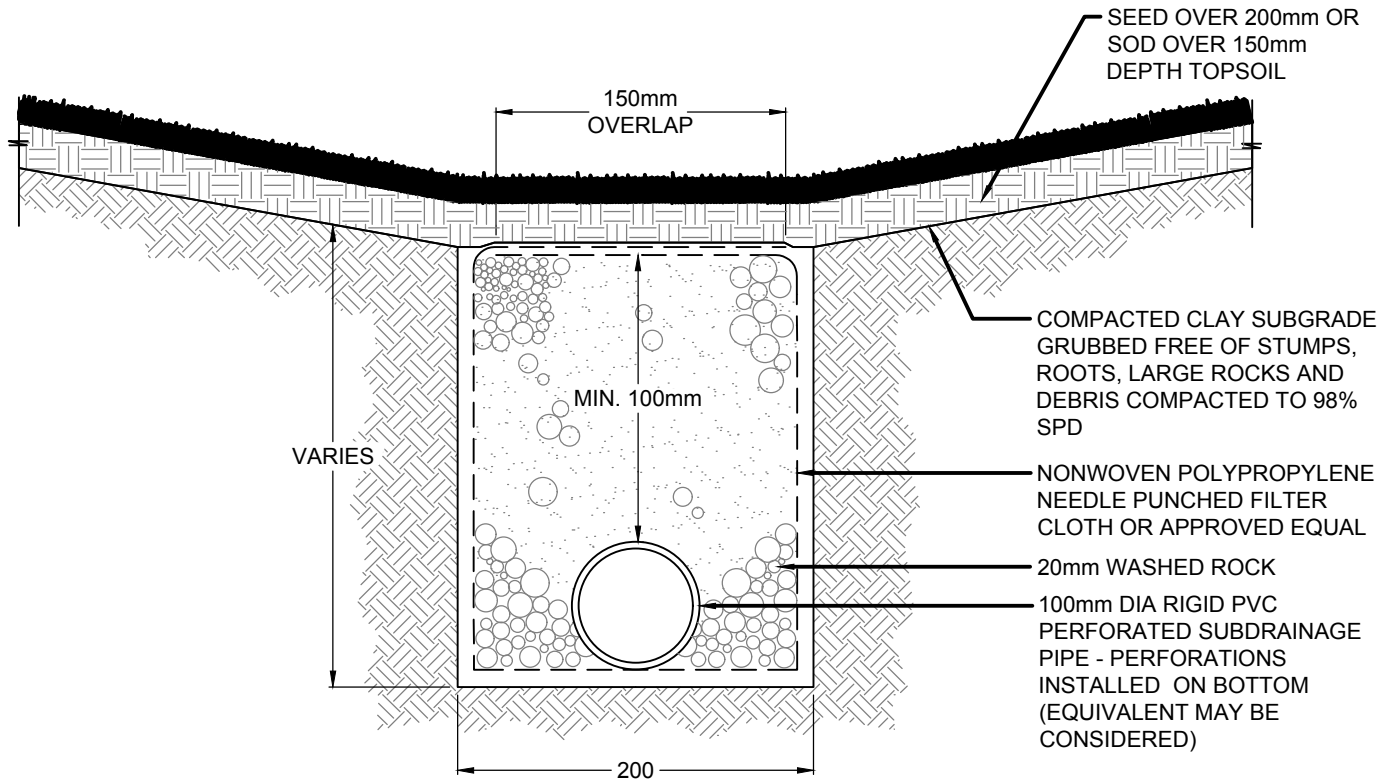
Planning & Engineering Department

Date: 01/04/13

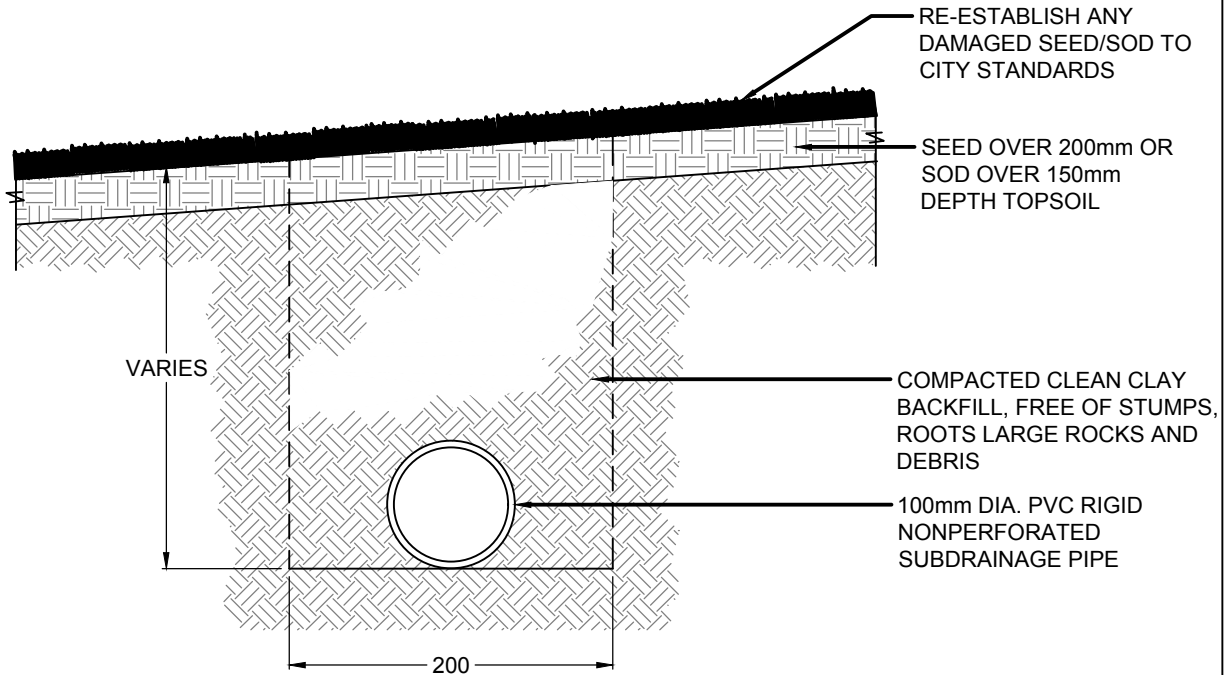
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Drawing  
Number:

**No. 10.7**



PERFORATED SUBDRAINAGE PIPE



NONPERFORATED SUBDRAINAGE PIPE

**NOTES:**

1. MIN. 1.0% SLOPE ON ALL SUBDRAINAGE PIPE.
2. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Subdrainage Pipe  
Installation**

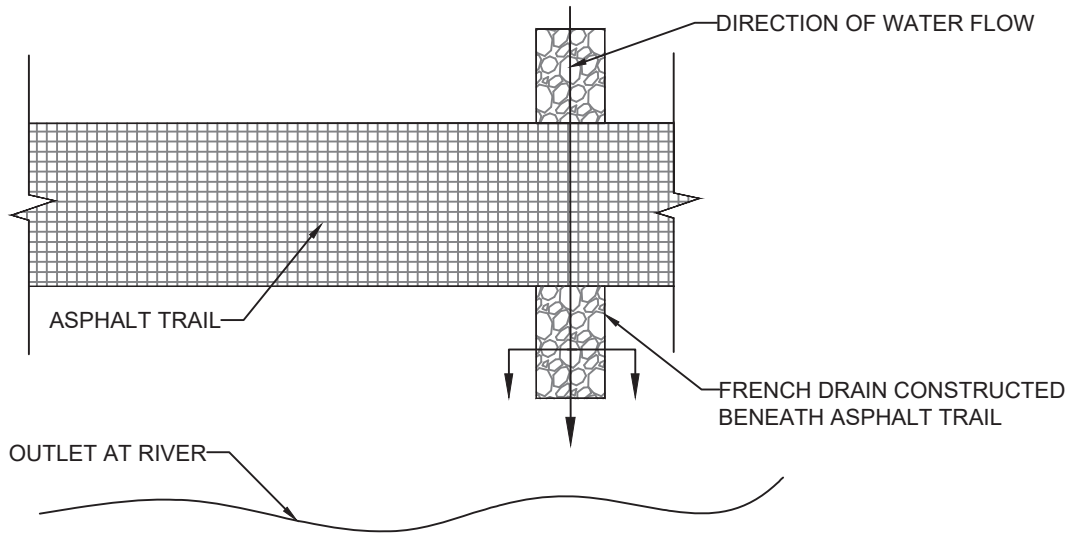
Planning & Engineering Department

Date: 01/04/13

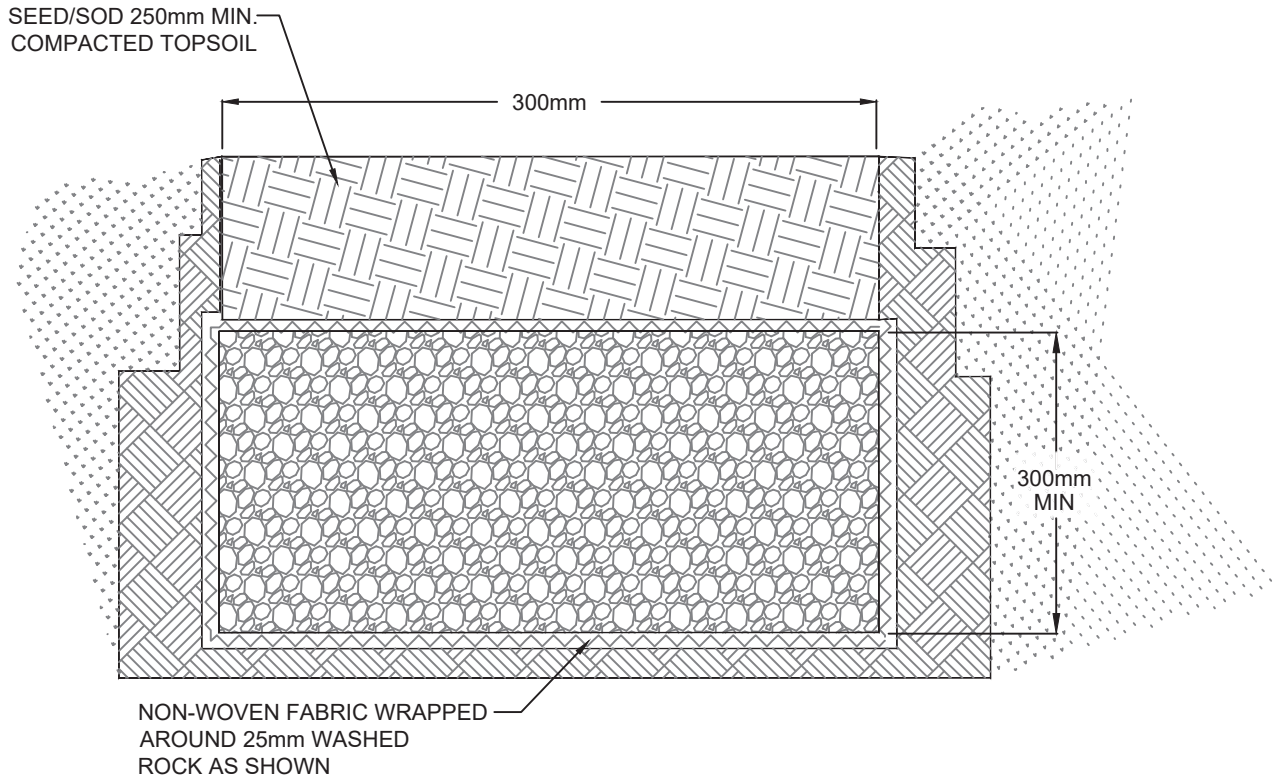
Scale: N.T.S.

Drawing  
Number:

**No. 10.8**



PLAN VIEW




SECTIONAL VIEW

**NOTES:**

1. MATCH EXISTING GRADE TO ENSURE POSITIVE DRAINAGE OFF OF TRAIL SURFACE
2. CONTRACTOR RESPONSIBLE TO REHABILITATE ALL DISTURBED AREAS ALONG TRAIL EDGE WITH TOPSOIL AND SOD
3. MINIMUM 250mm COMPACTED TOPSOIL

REVISIONS	
Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards

  
 5 ST. ANNE STREET, ST. ALBERT  
 Alberta, T8N 3Z9, CANADA

**French Drain Detail**

Planning & Engineering Department

Date: 01/04/13	Scale: N.T.S.
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Drawing  
 Number:  
No. 10.9

NOTES:

1. IF MINIMUM UTILITY SETBACKS PERMIT POSITION TREE STAKES INTO DIRECTION OF PREVAILING WINDS.
2. ALL TREE STAKES TO MAINTAIN MINIMUM 1.0m CLEARANCE FROM ALL U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
3. DIG ALL ROOT HOLES BY HAND WHEN CLOSER THAN 1.0m TO U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
4. WIDTH OF TREE TRENCH SHALL BE 25mm DEEPER THAN THE ROOTBALL, REPLACE WITH IMPORTED TOPSOIL FLAT TAMPED WITH FOOT PRESSURE TO PREVENT ROOTBALL FROM SHIFTING OR LEANING, AND A MINIMUM BETWEEN 1.8m-2.0m LONG. THE BOTTOM AND SIDES OF THE TREE TRENCH MUST BE ROUGHENED SO EXISTING AND FILLED SOIL WILL BIND TOGETHER. SOIL FILLING THE TRENCH SHALL BE AMENDED WITH COMPOST OR OTHER ORGANIC MATTER TO A MAXIMUM OF 5% BY WEIGHT. MYCORRHIZEA SHALL BE ADDED BY EITHER INCORPORATING NATIVE LEAF LITTER AND SOIL OR PURCHASED COMMERCIALY. IN AREAS OF SLOWLY DRAINING SOILS, THE ROOTBALL MAY BE SET UP TO 75mm OR 1/8 OF THE DEPTH OF THE ROOTBALL ABOVE THE ADJACENT SOIL LEVEL.
5. REMOVE ALL TAGS, LABELS, STRINGS, ETC. FROM PLANTS.

CONIFEROUS  
Less than 2.5m ht.

DECIDUOUS  
Less than 80mm cal.

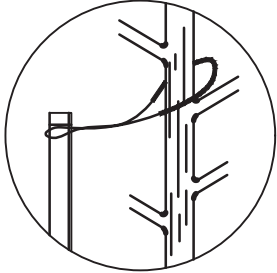
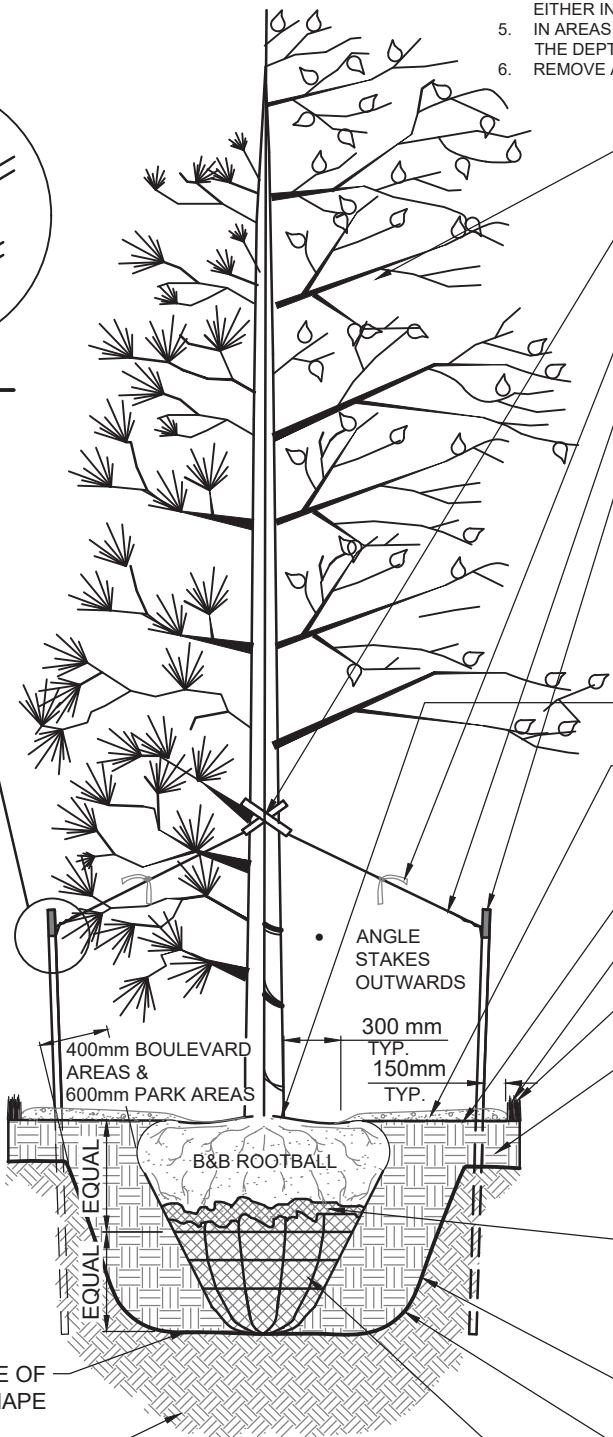


FIGURE 8  
N.T.S.



- PRUNE DEAD, BROKEN, OR DISEASED TREE LIMBS
- RUBBER BLACK HOSE - 20mm DIAMETER OF SUFFICIENT LENGTH TO EXTEND PAST THE TRUNK BY 100mm. POSITIONED APPROX. 3/5 HT. FOR ALL TREES
- FLUORESCENT ORANGE FLAGGING ON ALL GUY WIRES
- GALVANIZED GUY WIRE No. 12 MIN. FIGURE '8' TO ALLOW TREE TRUNK EXPANSION
- 2 STAKES PER TREE. ALL EXPOSED PORTIONS OF TREE STAKES FREE OF RUST, SCALED, PRIMED AND PAINTED BROWN. TREE STAKES MIN. 2.0 LIN. M. LENGTH PLAIN T-POSTS (1.33LBS/FT) C/W 1 1/2" x 1 3/8" x 7' PUNCHED 7 HOLES. TREE STAKE SET MIN. 600mm INTO UNDISTURBED SOIL. TOP 300mm OF ALL TREE STAKES PAINTED TO CITY OF ST. ALBERT ANNUAL COLOR CODES. LARGE TREES TO HAVE STAKING REQUIREMENTS APPROVED BY CITY OF ST. ALBERT
- TRUNK FLARE SHALL BE SLIGHTLY VISIBLE ABOVE FINISHED GRADE
- 100mm MIN. ORGANIC MULCH MUST **NOT** BE PLACED WITHIN 300mm OF TREE TRUNK TO ALLOW FOR AIR CIRCULATION, AND PREVENT PEST, DISEASE ATTACK, AND RODENT DAMAGE
- WATERING SAUCERS 100mm HIGH IMMEDIATELY OUTSIDE THE AREA OF THE ROOTBALL OF EACH TREE
- SEED OR SOD TO CITY STANDARDS
- RE-ESTABLISH ANY DAMAGE SEED/SOD TO CITY STANDARDS
- BACKFILL WITH TOPSOIL (32 91 00), MODERATELY COMPACT BACKFILL USING WATER TO SETTLE SOIL AROUND ROOTBALL TO ENSURE STABILITY OF ROOTBALL.
- FOLD 1/2 WIRE BASKET AND BURLAP FROM TOP OF ROOTBALL, POSITION TOP OF ROOTBALL ABOVE FINISHED GRADE WITH TRUNK FLARE SLIGHTLY VISIBLE. BURLAP TO BE BIO-DEGRADABLE NATURAL FIBRE. MIN. ROOTBALL SIZE AS PER SPECIFICATIONS
- SCARIFY WALL OF TREE TRENCH TO BIND EXISTING SOIL WITH FILL SOIL
- ENSURE ANY VOIDS ARE FILLED WITH TOPSOIL
- ROOTPLUG MINIMUM SIZE AS PER SPECIFICATIONS. FOR EVERY 25mm OF D.B.H. ABOVE MIN. ADD 600mm TO SPADE WIDTH

TRENCH SHALL BE OF ELLIPTICAL SHAPE  
UNDISTURBED NATIVE SOIL

REVISIONS

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards

**City of St. Albert** Engineering Services  
5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Capital Projects Template**  
Planning & Engineering Department  
Date: 01/04/13 Scale: N.T.S.

Drawing Number:  
**No. 11.0**

NOTES:

1. IF MINIMUM UTILITY SETBACKS PERMIT POSITION TREE STAKES INTO DIRECTION OF PREVAILING WINDS.
2. ALL TREE STAKES TO MAINTAIN MINIMUM 1.0m CLEARANCE FROM ALL U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
3. DIG ALL ROOT HOLES BY HAND WHEN CLOSER THAN 1.0m TO U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
4. WIDTH OF TREE TRENCH SHALL BE 25mm DEEPER THAN THE ROOTBALL, REPLACE WITH IMPORTED TOPSOIL FLAT TAMPED WITH FOOT PRESSURE TO PREVENT ROOTBALL FROM SHIFTING OR LEANING, AND A MINIMUM BETWEEN 1.8m-2.0m LONG. THE BOTTOM AND SIDES OF THE TREE TRENCH MUST BE ROUGHENED SO EXISTING AND FILLED SOIL WILL BIND TOGETHER. SOIL FILLING THE TRENCH SHALL BE AMENDED WITH COMPOST OR OTHER ORGANIC MATTER TO A MAXIMUM OF 5% BY WEIGHT. MYCORRHIZEA SHALL BE ADDED BY EITHER INCORPORATING NATIVE LEAF LITTER AND SOIL OR PURCHASED COMMERCIALY.
5. IN AREAS OF SLOWLY DRAINING SOILS, THE ROOTBALL MAY BE SET UP TO 75mm OR 1/8 OF THE DEPTH OF THE ROOTBALL ABOVE THE ADJACENT SOIL LEVEL.
6. REMOVE ALL TAGS, LABELS, STRINGS, ETC. FROM PLANTS.

CONIFEROUS  
Less than 2.5m ht.

DECIDUOUS  
Less than 80mm cal.

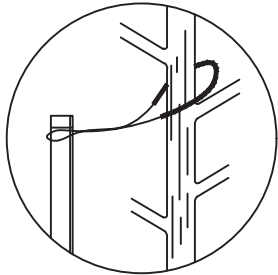
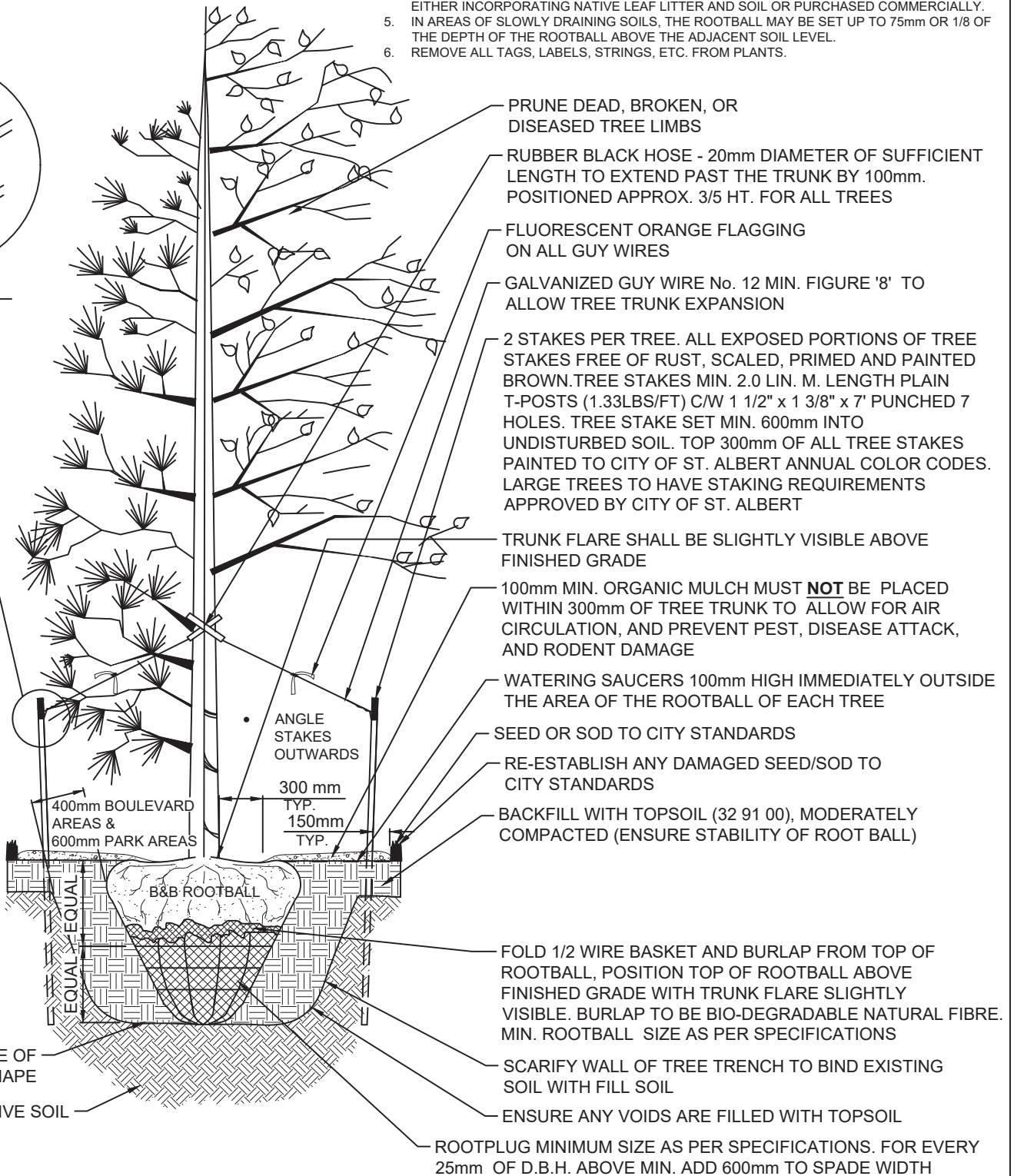


FIGURE 8  
N.T.S.



REVISIONS

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

Typical Tree Planting Detail

Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

No. 11.1



CONIFEROUS  
Less than 2.5m ht.

DECIDUOUS  
Less than 80mm cal.

**NOTES:**

1. IF MINIMUM UTILITY SETBACKS PERMIT POSITION TREE STAKES INTO DIRECTION OF PREVAILING WINDS.
2. ALL TREE STAKES TO MAINTAIN MINIMUM 1.0m CLEARANCE FROM ALL U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
3. DIG ALL ROOT HOLES BY HAND WHEN CLOSER THAN 1.0m TO U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
4. IN AREAS OF SLOWLY DRAINING SOILS, THE ROOTBALL MAY BE SET UP TO 75mm OR 1/8 OF THE DEPTH OF THE ROOTBALL ABOVE THE ADJACENT SOIL LEVEL.
5. REMOVE ALL TAGS, LABELS, STRINGS, ETC. FROM PLANTS.

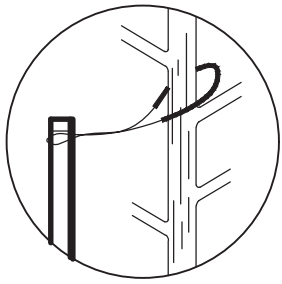
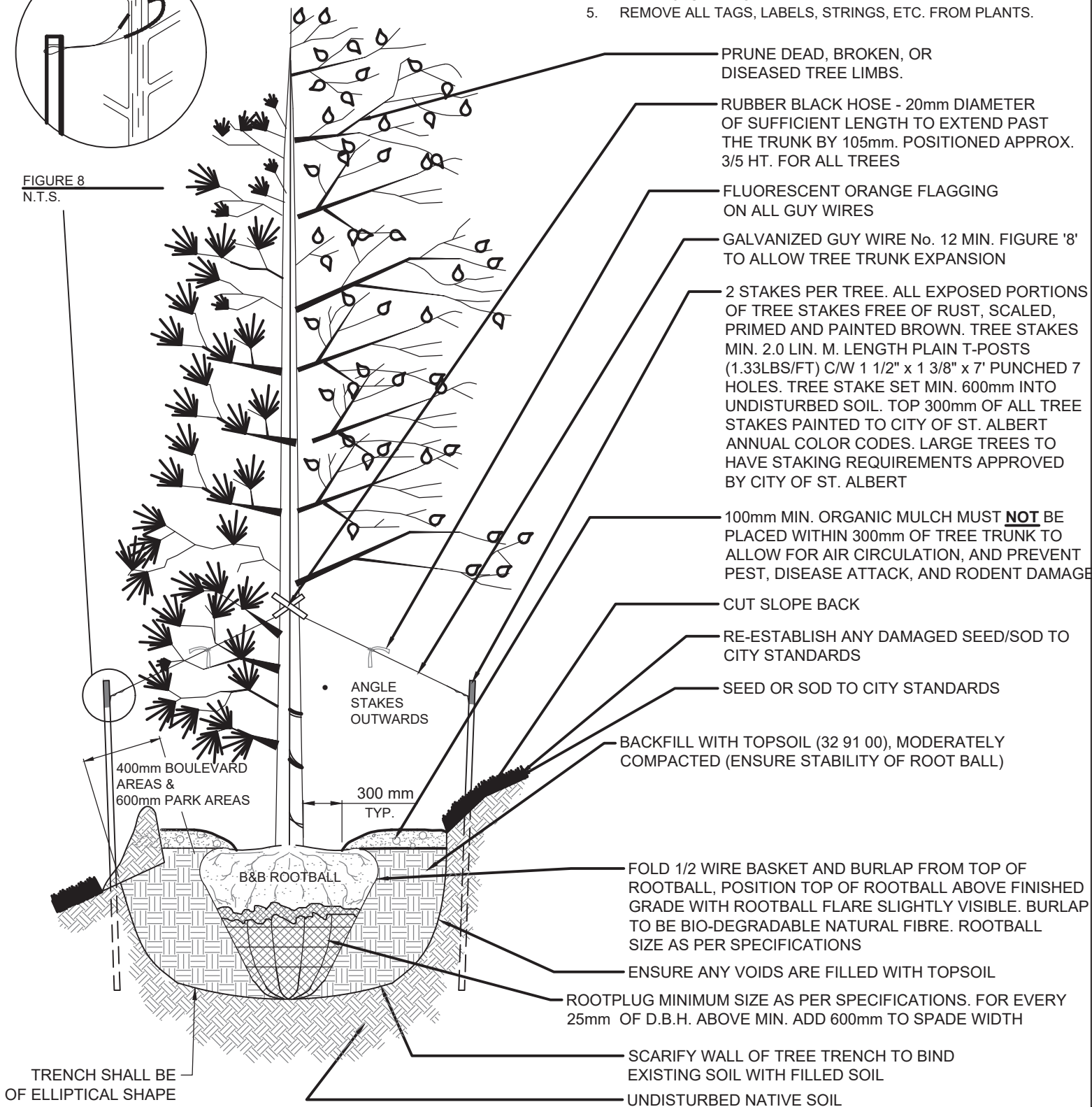



FIGURE 8  
N.T.S.



REVISIONS	
Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards


  
 5 ST. ANNE STREET, ST. ALBERT  
 Alberta, T8N 3Z9, CANADA

**Typical Tree Planting on Slope**  
 Planning & Engineering Department  
 Date: 01/04/13      Scale: N.T.S.

Drawing Number:  
**No. 11.2**

CONIFEROUS  
Less than 2.5m ht.

DECIDUOUS  
Less than 80mm cal.

**NOTES:**

1. IF MINIMUM UTILITY SETBACKS PERMIT POSITION TREE STAKES INTO DIRECTION OF PREVAILING WINDS.
2. ALL TREE STAKES TO MAINTAIN MINIMUM 1.0m CLEARANCE FROM ALL U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
3. DIG ALL ROOT HOLES BY HAND WHEN CLOSER THAN 1.0m TO U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
4. IN AREAS OF SLOWLY DRAINING SOILS, THE ROOTBALL MAY BE SET UP TO 75mm OR 1/8 OF THE DEPTH OF THE ROOTBALL ABOVE THE ADJACENT SOIL LEVEL.
5. REMOVE ALL TAGS, LABELS, STRINGS, ETC. FROM PLANTS.

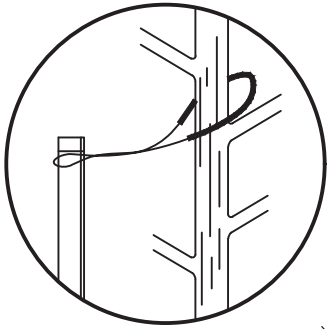
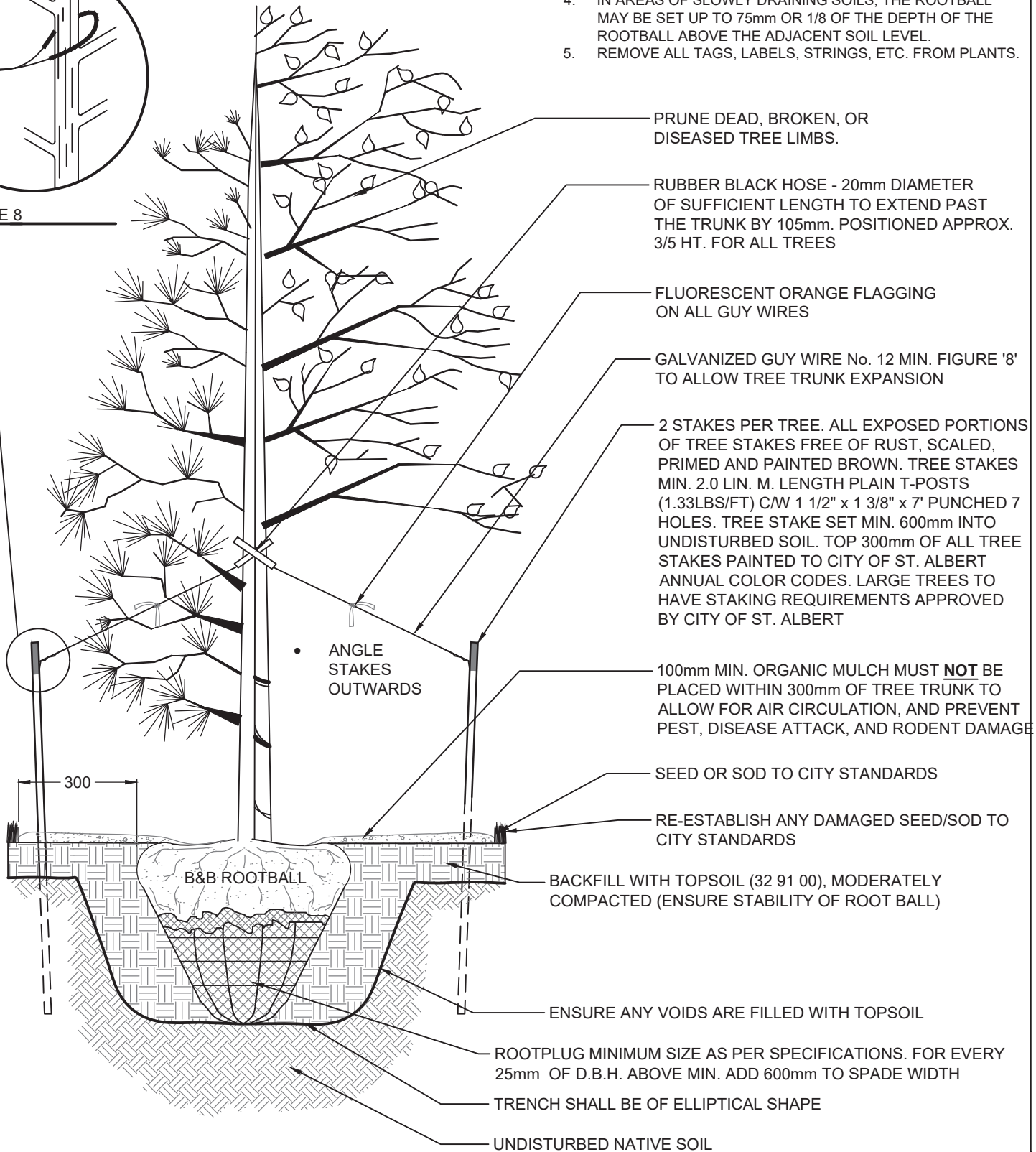


FIGURE 8  
N.T.S.



REVISIONS

Date	Details
YY/MM/DD	
YY/MM/DD	08/04/2014
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

Typical Tree Transplanting

Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

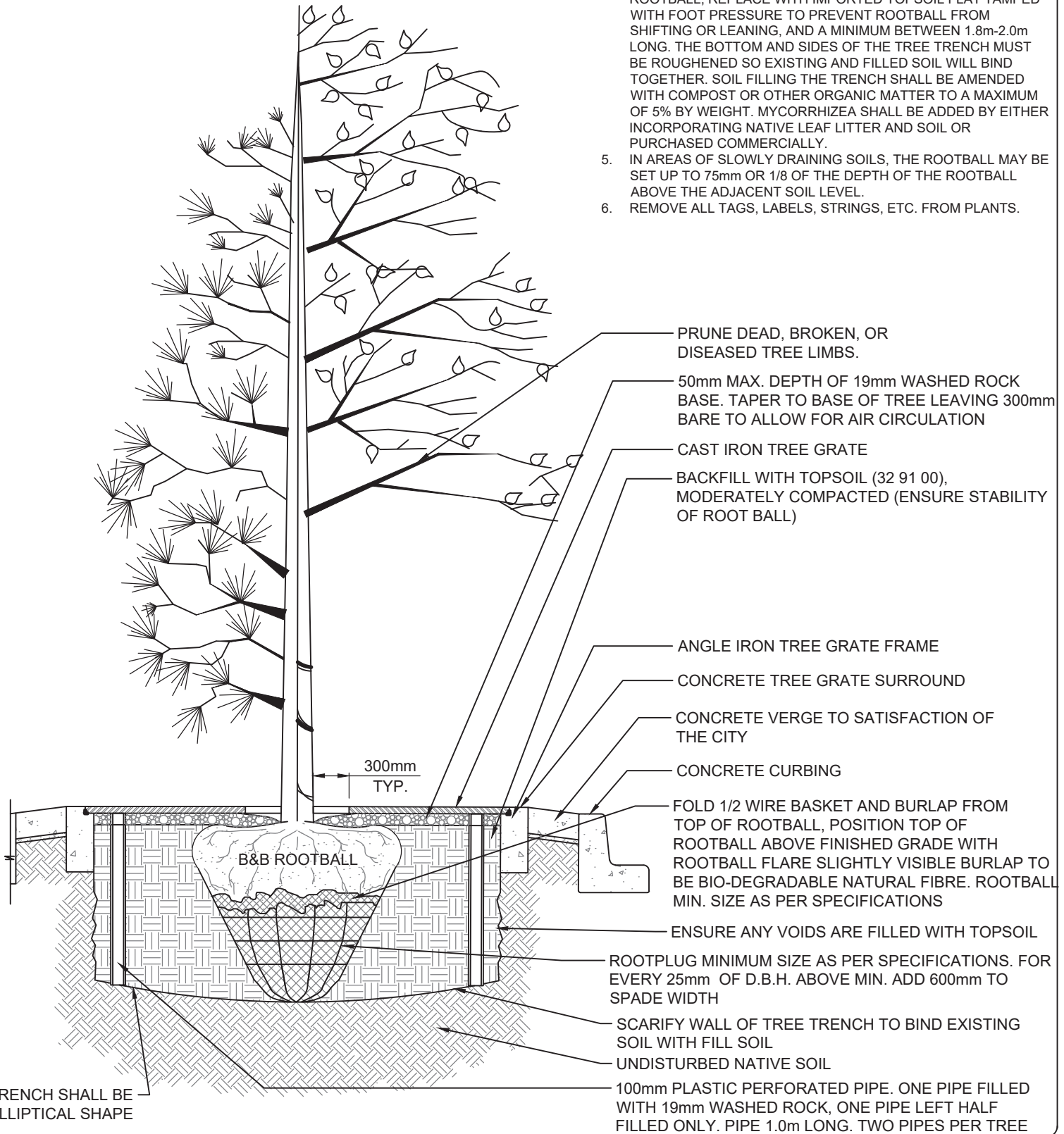
No. 11.3

CONIFEROUS  
Less than 2.5m ht.

DECIDUOUS  
Less than 80mm cal.

**NOTES:**

1. IF MINIMUM UTILITY SETBACKS PERMIT POSITION TREE STAKES INTO DIRECTION OF PREVAILING WINDS.
2. ALL TREE STAKES TO MAINTAIN MINIMUM 1.0m CLEARANCE FROM ALL U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
3. DIG ALL ROOT HOLES BY HAND WHEN CLOSER THAN 1.0m TO U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
4. WIDTH OF TREE TRENCH SHALL BE 25mm DEEPER THAN THE ROOTBALL, REPLACE WITH IMPORTED TOPSOIL FLAT TAMPED WITH FOOT PRESSURE TO PREVENT ROOTBALL FROM SHIFTING OR LEANING, AND A MINIMUM BETWEEN 1.8m-2.0m LONG. THE BOTTOM AND SIDES OF THE TREE TRENCH MUST BE ROUGHENED SO EXISTING AND FILLED SOIL WILL BIND TOGETHER. SOIL FILLING THE TRENCH SHALL BE AMENDED WITH COMPOST OR OTHER ORGANIC MATTER TO A MAXIMUM OF 5% BY WEIGHT. MYCORRHIZEA SHALL BE ADDED BY EITHER INCORPORATING NATIVE LEAF LITTER AND SOIL OR PURCHASED COMMERCIALY.
5. IN AREAS OF SLOWLY DRAINING SOILS, THE ROOTBALL MAY BE SET UP TO 75mm OR 1/8 OF THE DEPTH OF THE ROOTBALL ABOVE THE ADJACENT SOIL LEVEL.
6. REMOVE ALL TAGS, LABELS, STRINGS, ETC. FROM PLANTS.



REVISIONS	
Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards


  
 Engineering Services
   
 5 ST. ANNE STREET, ST. ALBERT
   
 Alberta, T8N 3Z9, CANADA

**Typical Tree Grate Planting**
  
 Planning & Engineering Department
   
 Date: 01/04/13      Scale: N.T.S.

Drawing Number:
   
**No. 11.4**

CONIFEROUS  
Less than 2.5m ht.

DECIDUOUS  
Less than 80mm cal.

**NOTES:**

1. IF MINIMUM UTILITY SETBACKS PERMIT POSITION TREE STAKES INTO DIRECTION OF PREVAILING WINDS.
2. ALL TREE STAKES TO MAINTAIN MINIMUM 1.0m CLEARANCE FROM ALL U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
3. DIG ALL ROOT HOLES BY HAND WHEN CLOSER THAN 1.0m TO U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
4. IN AREAS OF SLOWLY DRAINING SOILS, THE ROOTBALL MAY BE SET UP TO 75mm OR 1/8 OF THE DEPTH OF THE ROOTBALL ABOVE THE ADJACENT SOIL LEVEL.
5. REMOVE ALL TAGS, LABELS, STRINGS, ETC. FROM PLANTS.

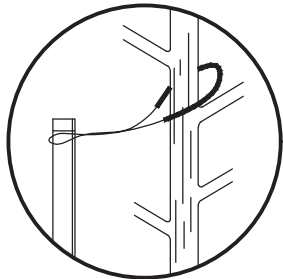
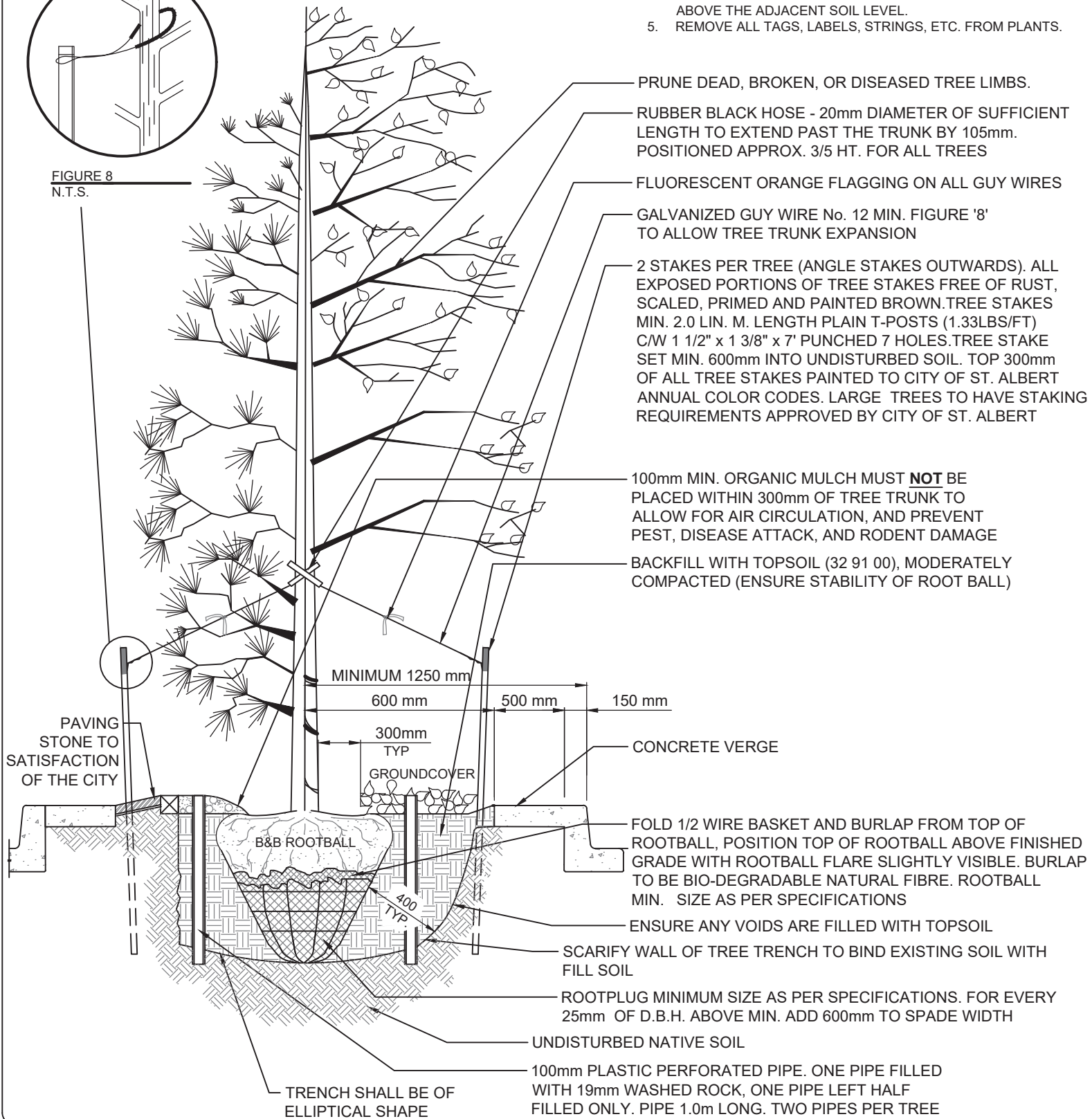


FIGURE 8  
N.T.S.



REVISIONS	
Date	Details
YY/MM/DD	
YY/MM/DD	08/04/2014
YY/MM/DD	Landscape Municipal Standards

5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

## Typical Median Tree Planting

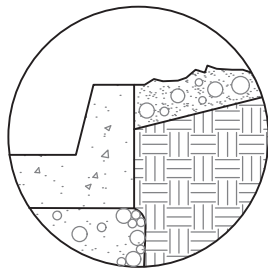
Planning & Engineering Department

Date: 01/04/13      Scale: N.T.S.

Drawing  
Number:  
  
**No. 11.5**



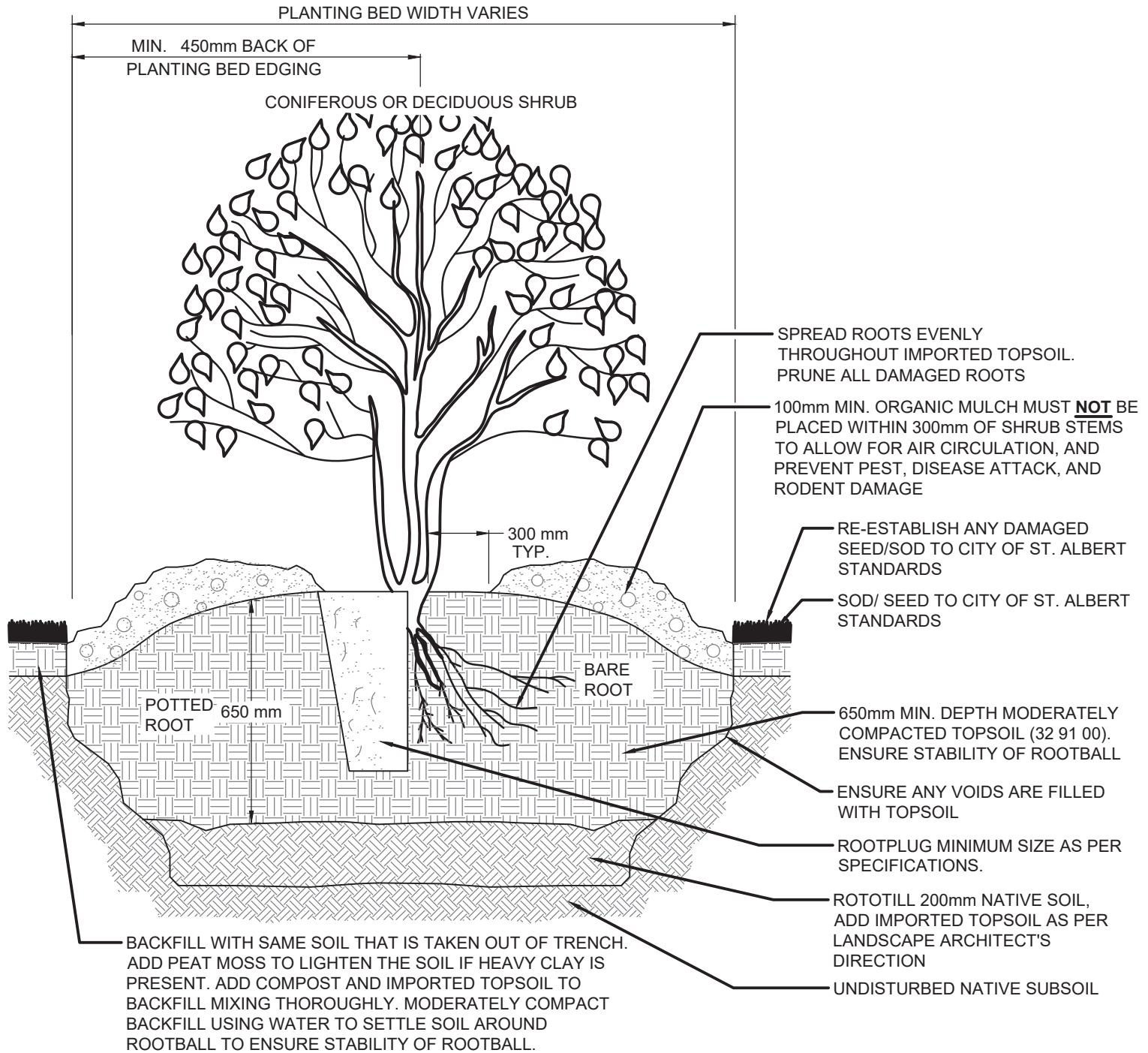
TYPICAL n.t.s.  
EDGING DETAIL



CONCRETE n.t.s.  
CURB DETAIL

**NOTES:**

1. PLANTING BED EDGERS ARE NOT REQUIRED, BUT MAY BE INCLUDED IF FLUSH TO GROUND.
2. PRUNE ONLY DEAD, BROKEN OR DISEASED BRANCHES TO MAINTAIN PROPER SHRUB FORM. DECIDUOUS ONLY.
3. DO NOT ROTOTILL WITHIN 1.0m OF U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
4. DIG ALL ROOT HOLES BY HAND WHEN CLOSER THAN 1.0m TO U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
5. IN AREAS OF SLOWLY DRAINING SOILS, THE ROOTBALL MAY BE SET UP TO 75mm OR 1/8 OF THE DEPTH OF THE ROOTBALL ABOVE THE ADJACENT SOIL LEVEL.
6. REMOVE ALL TAGS, LABELS, STRINGS, ETC. FROM PLANTS.



**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Typical Planting Bed**

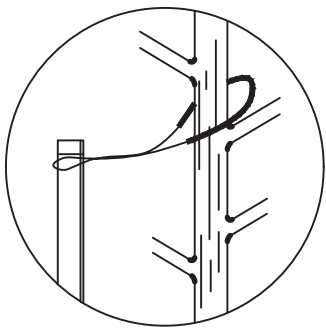
Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

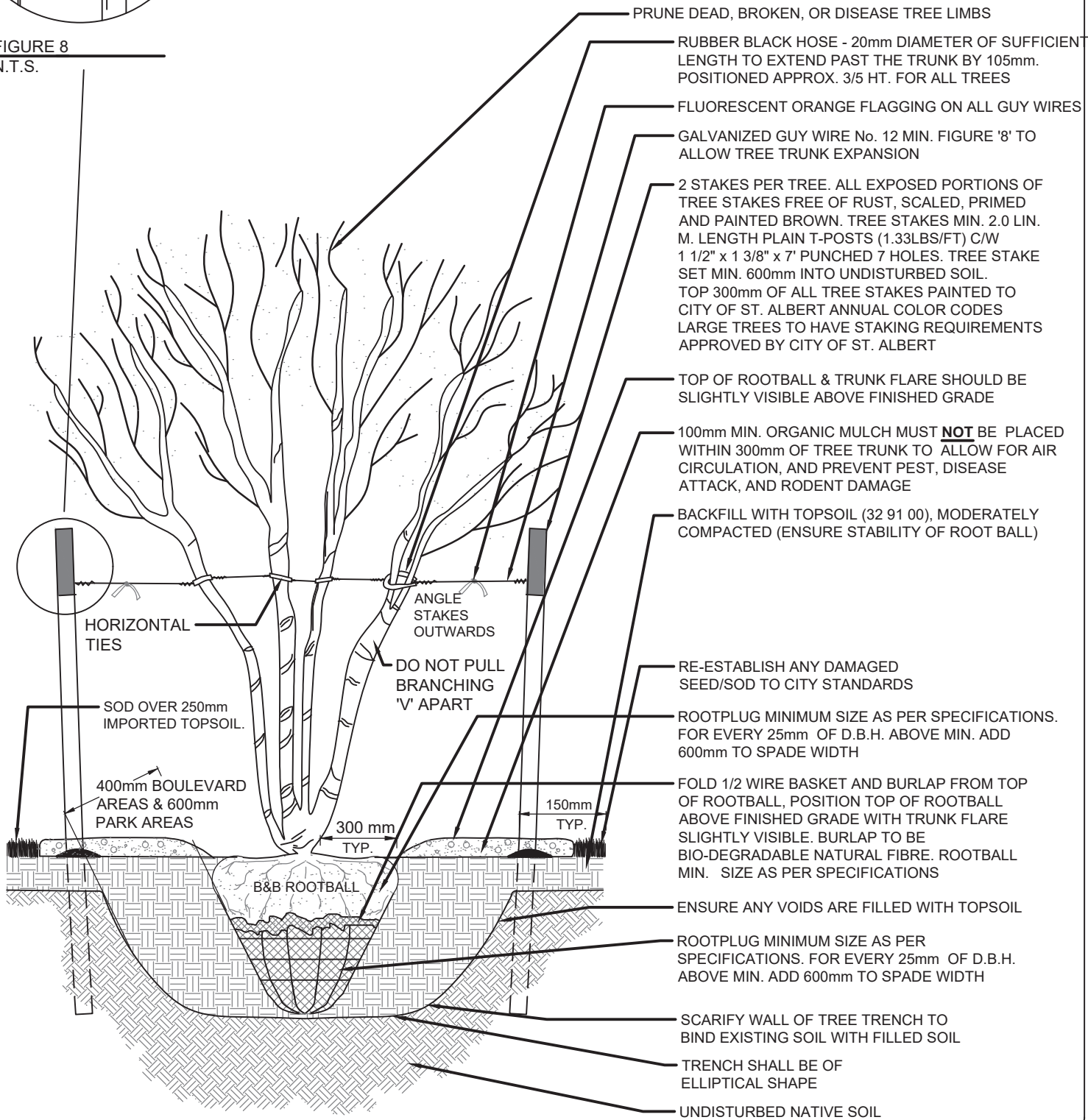
**No. 11.6**



**NOTES:**

1. IF A MINIMUM UTILITY SETBACKS PERMIT POSITION TREE STAKES INTO DIRECTION OF PREVAILING WINDS.
2. ALL TREE STAKES TO MAINTAIN MINIMUM 1.0m CLEARANCE FROM ALL U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
3. DIG ALL ROOT HOLES BY HAND WHEN CLOSER THAN 1.0m TO U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
4. IN AREAS OF SLOWLY DRAINING SOILS, THE ROOTBALL MAY BE SET UP TO 75mm OR 1/8 OF THE DEPTH OF THE ROOTBALL ABOVE THE ADJACENT SOIL LEVEL.
5. REMOVE ALL TAGS, LABELS, STRINGS, ETC. FROM PLANTS.

**FIGURE 8**  
N.T.S.



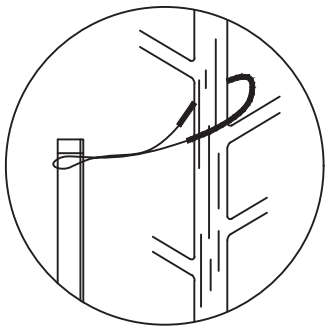
REVISIONS	
Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards

5 ST. ANNE STREET, ST. ALBERT  
 Alberta, T8N 3Z9, CANADA

**Typical Multi-Stem  
Installation**

Planning & Engineering Department  
 Date: 01/04/13      Scale: N.T.S.

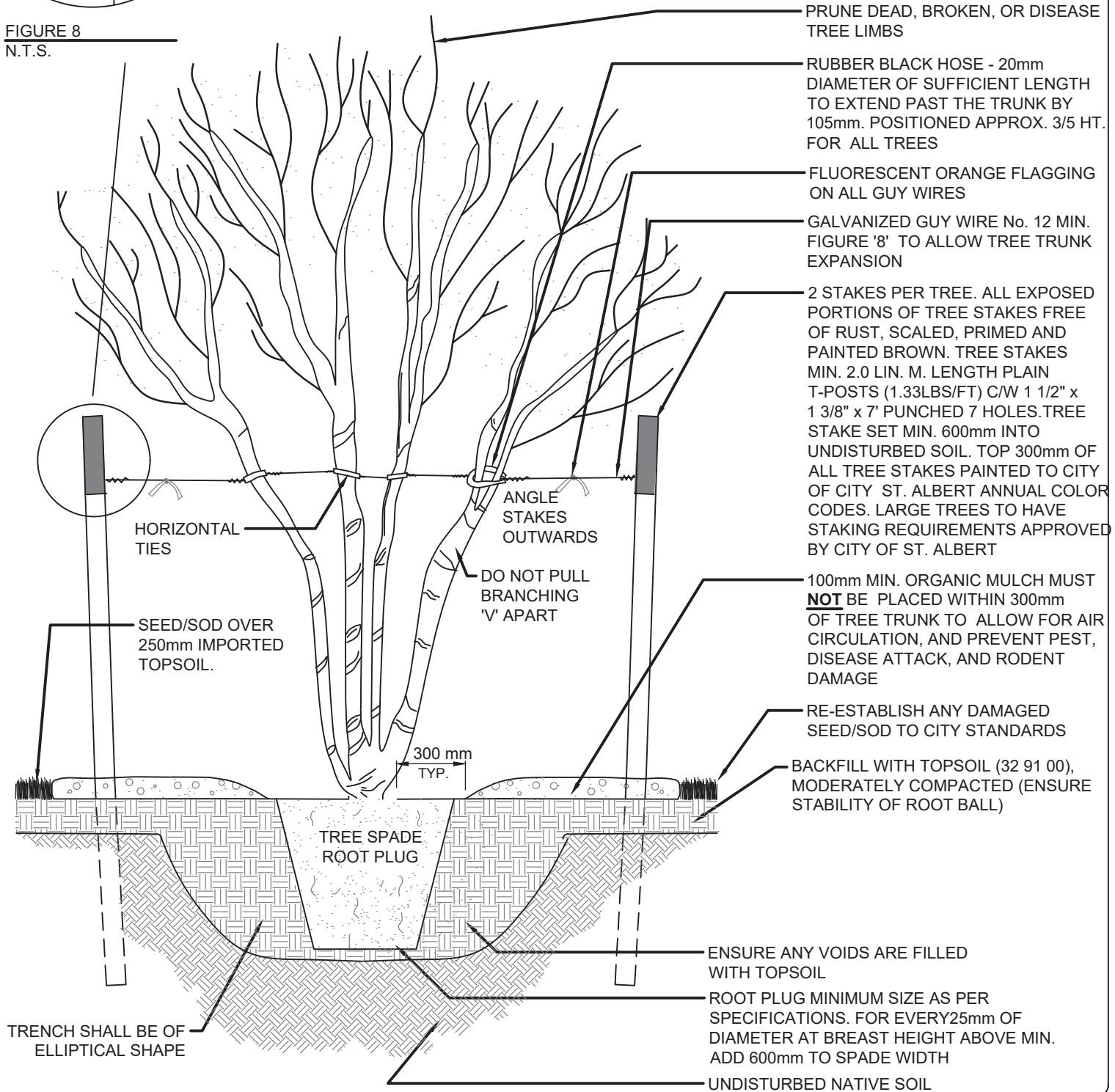
Drawing  
 Number:  
**No. 11.7**




**NOTES:**

1. IF MINIMUM UTILITY SETBACKS PERMIT POSITION TREE STAKES INTO DIRECTION OF PREVAILING WINDS.
2. ALL TREE STAKES TO MAINTAIN MINIMUM 1.0m CLEARANCE FROM ALL U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
3. DIG ALL ROOT HOLES BY HAND WHEN CLOSER THAN 1.0m TO U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
4. IN AREAS OF SLOWLY DRAINING SOILS, THE ROOTBALL MAY BE SET UP TO 75mm OR 1/8 OF THE DEPTH OF THE ROOTBALL ABOVE THE ADJACENT SOIL LEVEL.
5. REMOVE ALL TAGS, LABELS, STRINGS, ETC. FROM PLANTS.

**FIGURE 8**  
N.T.S.



REVISIONS	
Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards

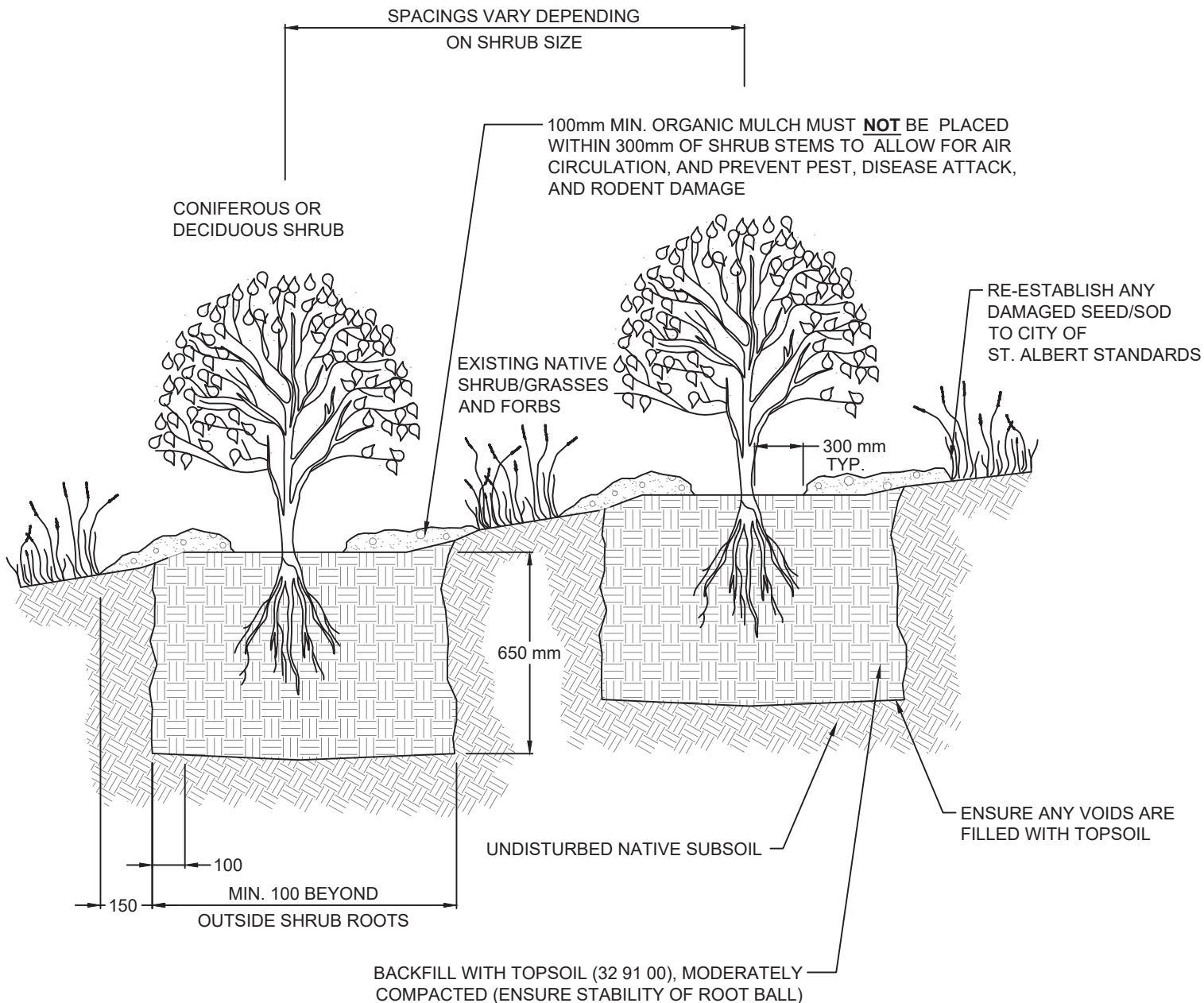

  
 Engineering Services  
 5 ST. ANNE STREET, ST. ALBERT  
 Alberta, T8N 3Z9, CANADA

**Typical Multi-Stem Transplanted**  
 Planning & Engineering Department  
 Date: 01/04/13      Scale: N.T.S.

Drawing Number:  
**No. 11.8**

**NOTES:**

1. PRUNE DEAD, BROKEN OR DISEASED BRANCHES TO MAINTAIN PROPER SHRUB FORM. DECIDUOUS ONLY.
2. DIG ALL ROOT HOLES BY HAND WHEN CLOSER THAN 1.0m TO U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
3. REMOVE ALL TAGS, LABELS, STRINGS, ETC. FROM PLANTS.



**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Typical Shrub Naturalization**

Planning & Engineering Department

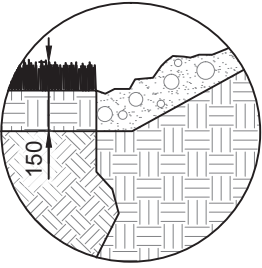
Date: 01/04/13

Scale: N.T.S.

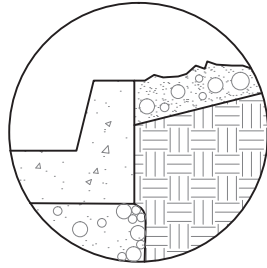
Drawing  
Number:

**No. 11.9**





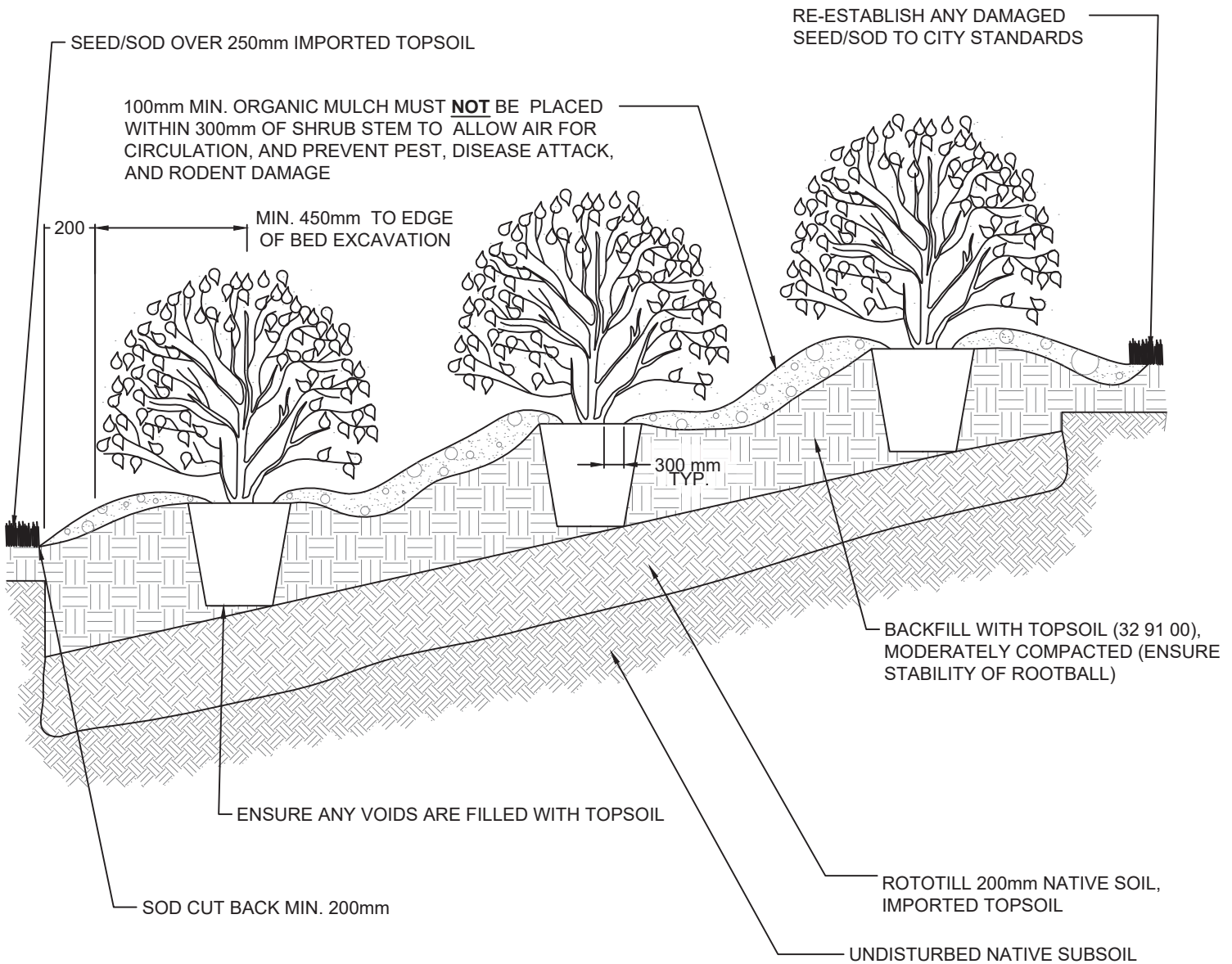
TYPICAL n.t.s  
EDGING DETAIL



CONCRETE n.t.s  
CURB DETAIL

NOTES:

1. PLANTING BED EDGERS ARE NOT REQUIRED, BUT MAY BE INCLUDED IF FLUSH TO GROUND.
2. DO NOT ROTOTILL WITHIN 1.0m OF U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
3. DIG ALL ROOT HOLES BY HAND WHEN CLOSER THAN 1.0m TO U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
4. REMOVE ALL TAGS, LABELS, STRINGS, ETC. FROM PLANTS.



REVISIONS

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

Typical Planting Bed On  
Slope

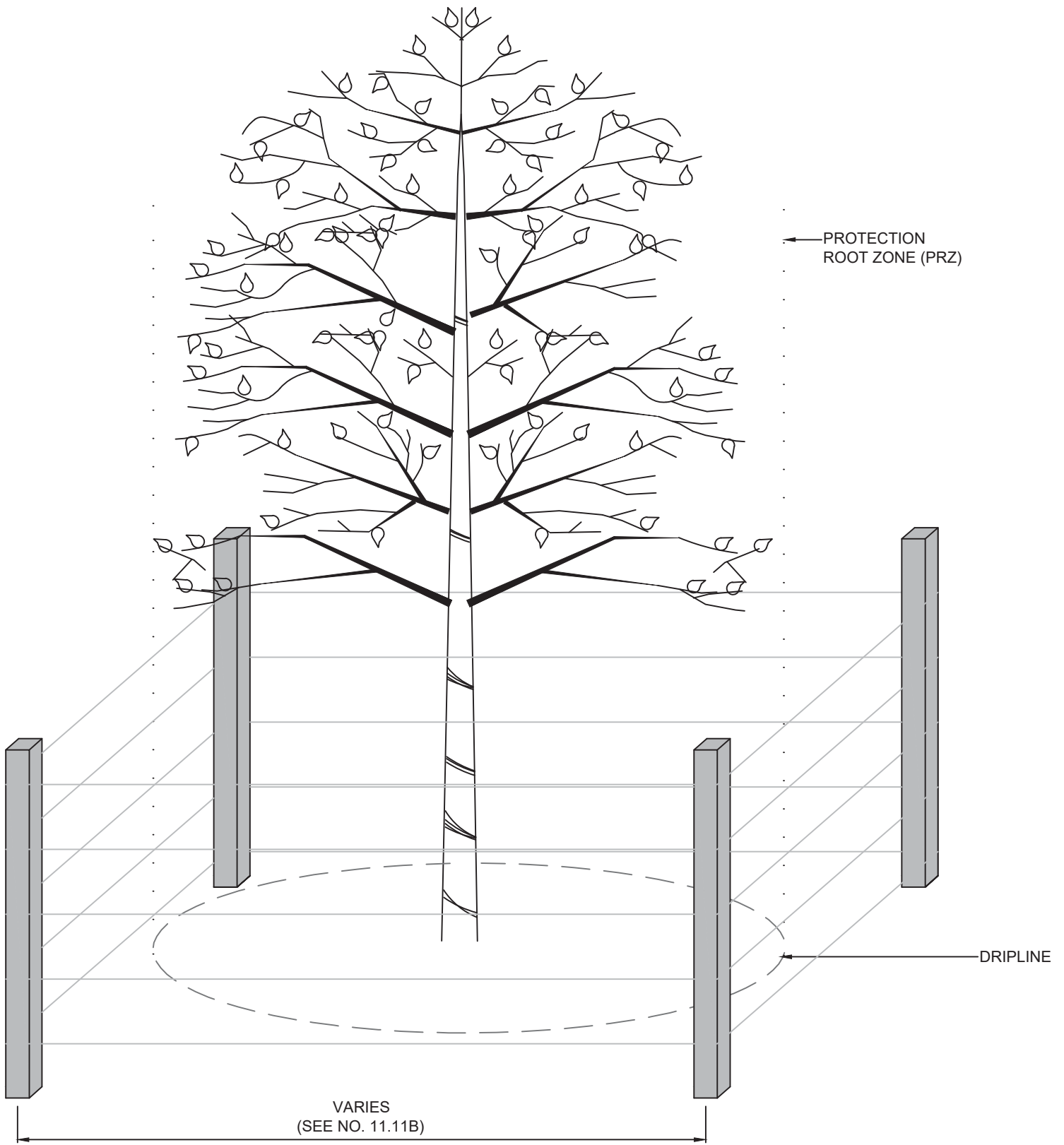
Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:


No. 11.10



**NOTES:**

1. PROTECTION ROOT ZONE IS PART OF THE ROOTS THAT LIE DIRECTLY BELOW ITS BRANCHES WITHIN AN AREA KNOWN AS THE DRIPLINE.

REVISIONS	
Date	Details
YY/MM/DD	
YY/MM/DD	08/04/2014
YY/MM/DD	Landscape Municipal Standards

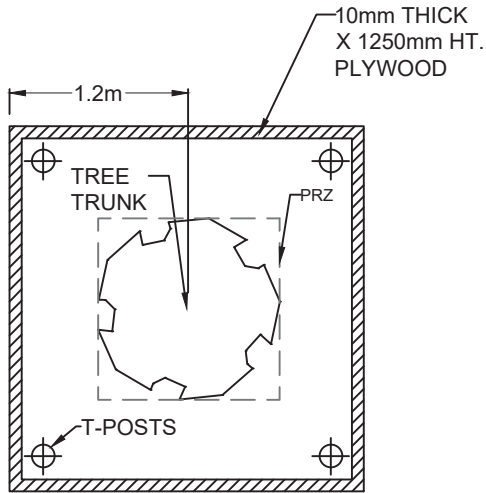
  
 5 ST. ANNE STREET, ST. ALBERT  
 Alberta, T8N 3Z9, CANADA

**Tree Dripline Detail**

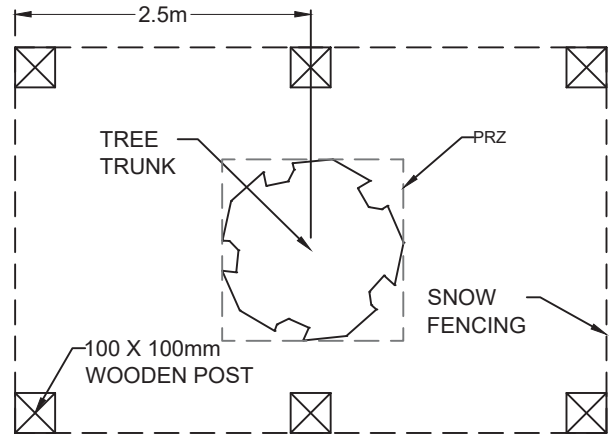
Planning & Engineering Department

Date: 01/04/13	Scale: N.T.S.
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Drawing  
 Number:  
No. 11.11A



**DETAIL A - TREES WITHIN  
1m TO 3m OF CONSTRUCTION**



**DETAIL B - TREES WITHIN  
3m TO 5m OF CONSTRUCTION**

**NOTES:**

1. **DETAIL A - TREES WITHIN 1m TO 3m OF CONSTRUCTION ACTIVITY:** 10mm PLYWOOD AND 1.25m IN HEIGHT ENCLOSING TREES FROM THE PROJECT SITE. PLYWOOD TO BE SECURELY FASTED TO T-POSTS WITH WIRE.
2. **DETAIL B - TREES WITHIN 3m TO 5m OF CONSTRUCTION ACTIVITY:** A STANDARD "SAFETY ORANGE" SNOWFENCE MUST BE PLACED A MIN. OF 2.5m FROM THE TREE TRUNK. EXACT SIZE AND SHAPE TO BE DETERMINED ON SITE.
3. **EXCAVATION WITHIN 2m OF EXISTING TREES:** THE FEASIBILITY OF TRANSPLANTING THE TREE SHOULD BE DETERMINED. THE DEVELOPER/PROJECT MANAGER WILL BE ACCOUNTABLE FOR ALL EXPENSES.
4. **EXCAVATION BEYOND 2m OF EXISTING TREES:** PRIOR TO DIGGING, ALL TREE ROOTS MAY BE REQUIRED TO BE SEVERED WITH A "ROOT-CUTTER" TO A DEPTH OF 350mm TO 500mm. IMMEDIATELY AFTER EXCAVATION, PRUNE ALL EXPOSED ROOTS FLUSH WITH THE EXCAVATION WALL.
5. INSTALL AND MAINTAIN HOARDING IN A CLEAN AND SAFE CONDITION, THROUGHOUT THE CONSTRUCTION PROCESS.
6. HOARDING REQUIREMENTS AS SHOWN ON LANDSCAPE DRAWINGS AND AS DIRECTED BY CITY ON SITE.
7. ALL EQUIPMENT, SOIL, BUILDING MATERIALS AND OTHER DEBRIS SHALL BE KEPT OUTSIDE THE PRZ AREA.
8. IN THE EVENT THE HOARDING IS PUNCTURED AND DAMAGE OCCURS TO THE TREE(S) WITHIN THE HOARDING, THE PROJECT MANAGER IS TO BE ADVISED IN ORDER THAT THE DAMAGE BE ASSESSED BY A CERTIFIED ARBORIST AND CORRECTIVE ACTION BE TAKEN.
9. ON MANY CONSTRUCTION PROJECTS STANDARD "SAFETY ORANGE" SNOW FENCING IS ALL THAT MAY BE REQUIRED. THIS WILL SERVE AS A "HEADS-UP" WARNING TO WORKERS OR EQUIPMENT OPERATORS THAT ANY ACTIVITY BEYOND THE FENCE MAY CAUSE TREE DAMAGE.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Large Tree Hoarding**

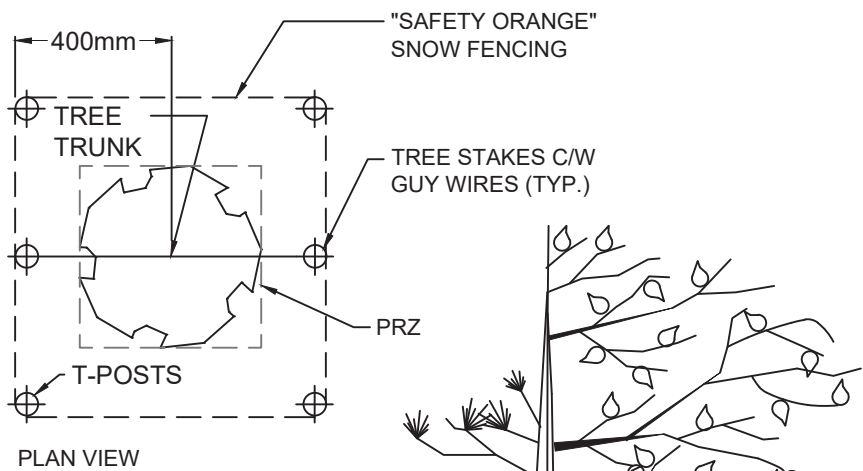
Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

**No. 11.11B**



PLAN VIEW

**NOTES:**

1. IF MINIMUM UTILITY SETBACKS PERMIT POSITION TREE STAKES INTO DIRECTION OF PREVAILING WINDS.
2. ALL TREE STAKES TO MAINTAIN MINIMUM 1.5m CLEARANCE FROM ALL U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
3. DIG ALL ROOT HOLES BY HAND WHEN CLOSER THAN 1.0m TO U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
4. IN AREAS OF SLOWLY DRAINING SOILS, THE ROOTBALL MAY BE SET UP TO 75mm OR 1/8 OF THE DEPTH OF THE ROOTBALL ABOVE THE ADJACENT SOIL LEVEL.
5. REMOVE ALL TAGS, LABELS, STRINGS, ETC. FROM PLANTS.

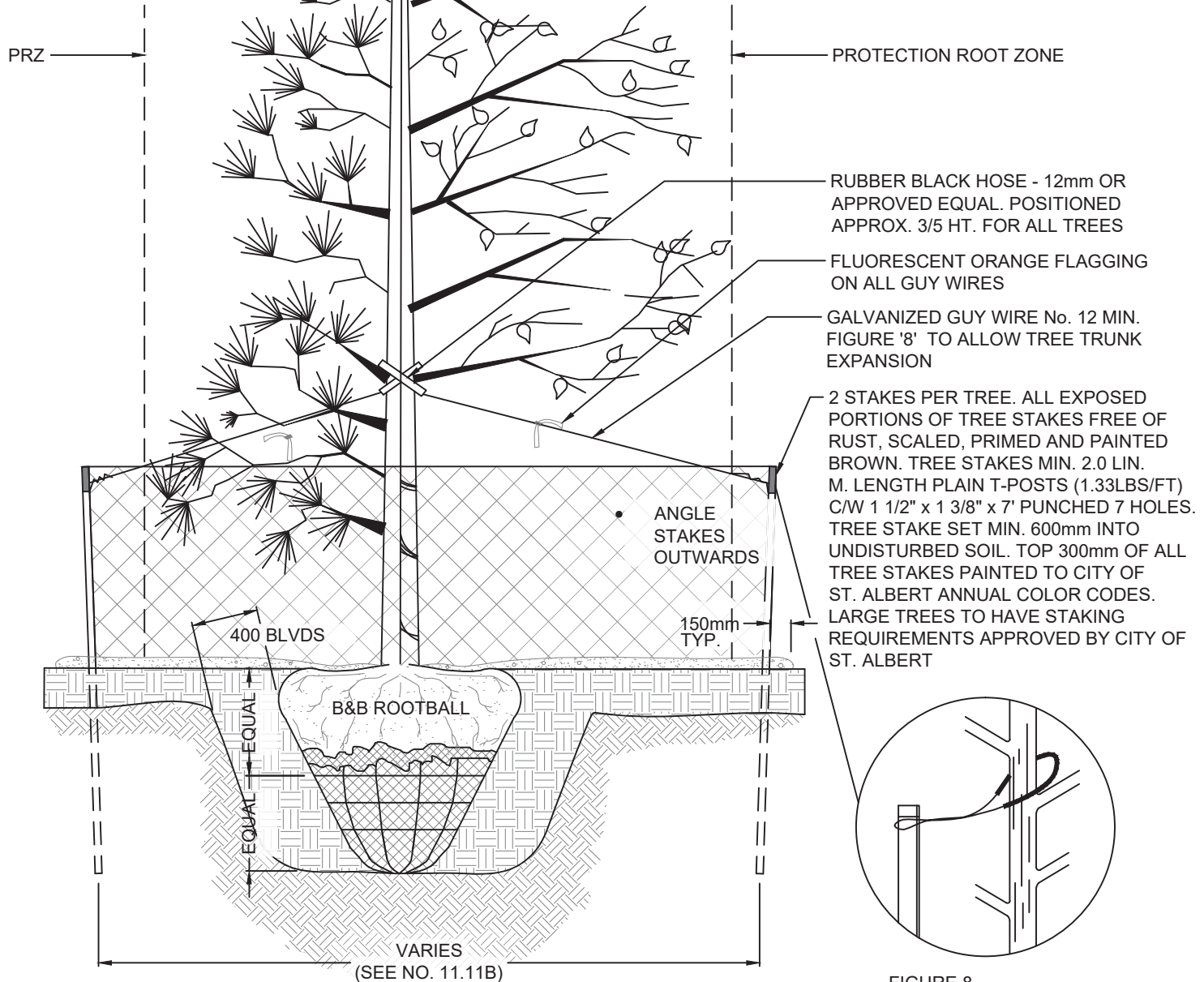


FIGURE 8  
N.T.S.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	08/04/2014
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Small Tree Hoarding  
(Max. 60mm Caliper)**

Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

**No. 11.12**

CONIFEROUS  
Less than 2.5m ht.

DECIDUOUS  
Less than 80mm cal.

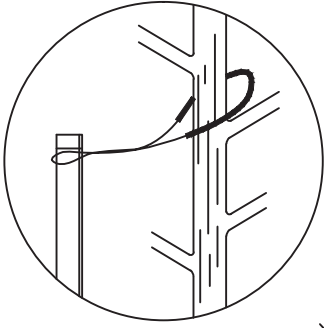
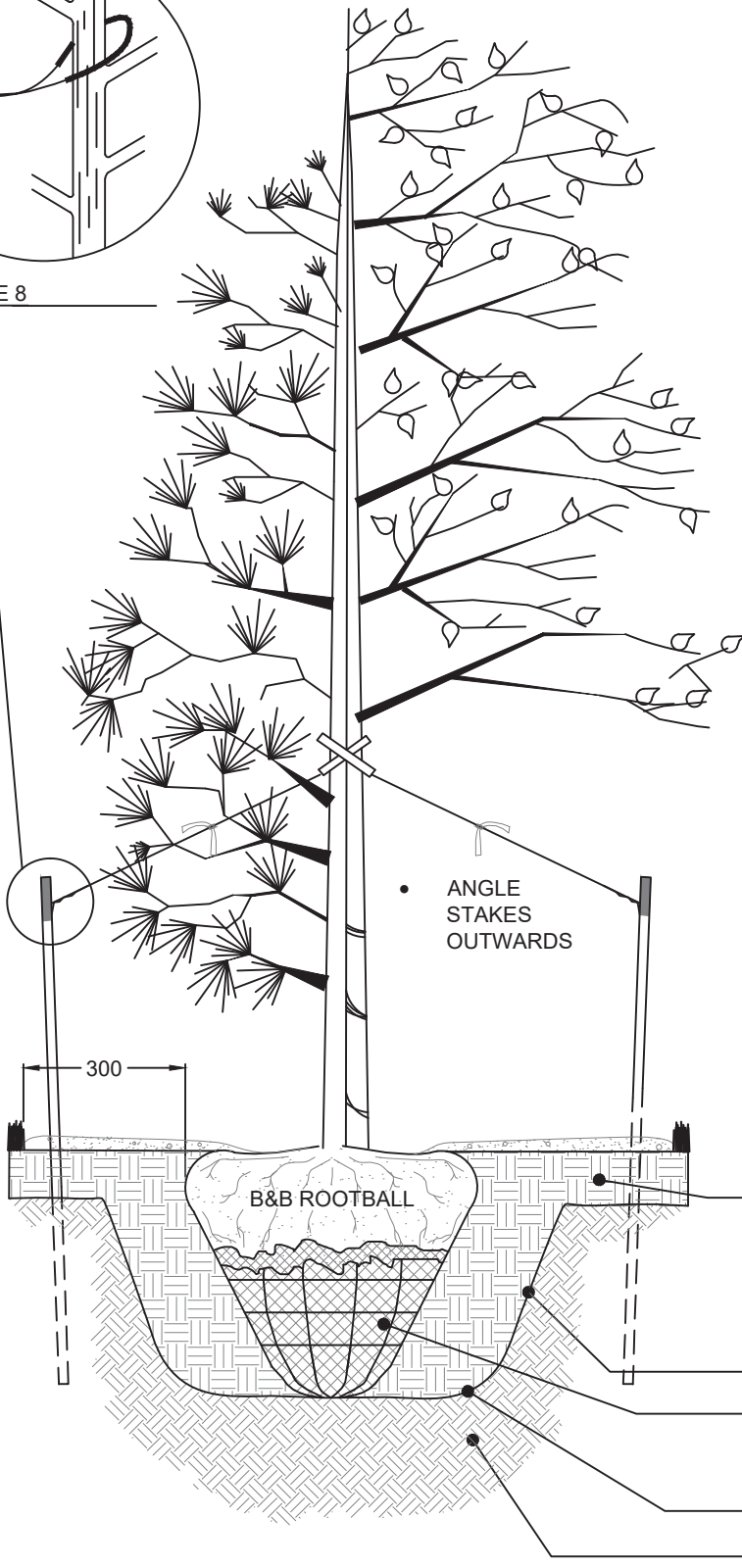


FIGURE 8  
N.T.S.



BACKFILL WITH SAME SOIL THAT IS TAKEN OUT OF TRENCH. ADD PEAT MOSS TO LIGHTEN THE SOIL IF HEAVY CLAY IS PRESENT. ADD COMPOST AND IMPORTED TOPSOIL TO BACKFILL MIXING THOROUGHLY. MODERATELY COMPACT BACKFILL USING WATER TO SETTLE SOIL AROUND ROOTBALL TO ENSURE STABILITY OF ROOTBALL.

ENSURE ANY VOIDS ARE FILLED WITH TOPSOIL

ROOTPLUG MINIMUM SIZE AS PER SPECIFICATIONS. FOR EVERY 25mm OF D.B.H. ABOVE MIN. ADD 600mm TO SPADE WIDTH

TRENCH SHALL BE OF ELLIPTICAL SHAPE

UNDISTURBED NATIVE SOIL

REVISIONS

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

Typical Tree Staking

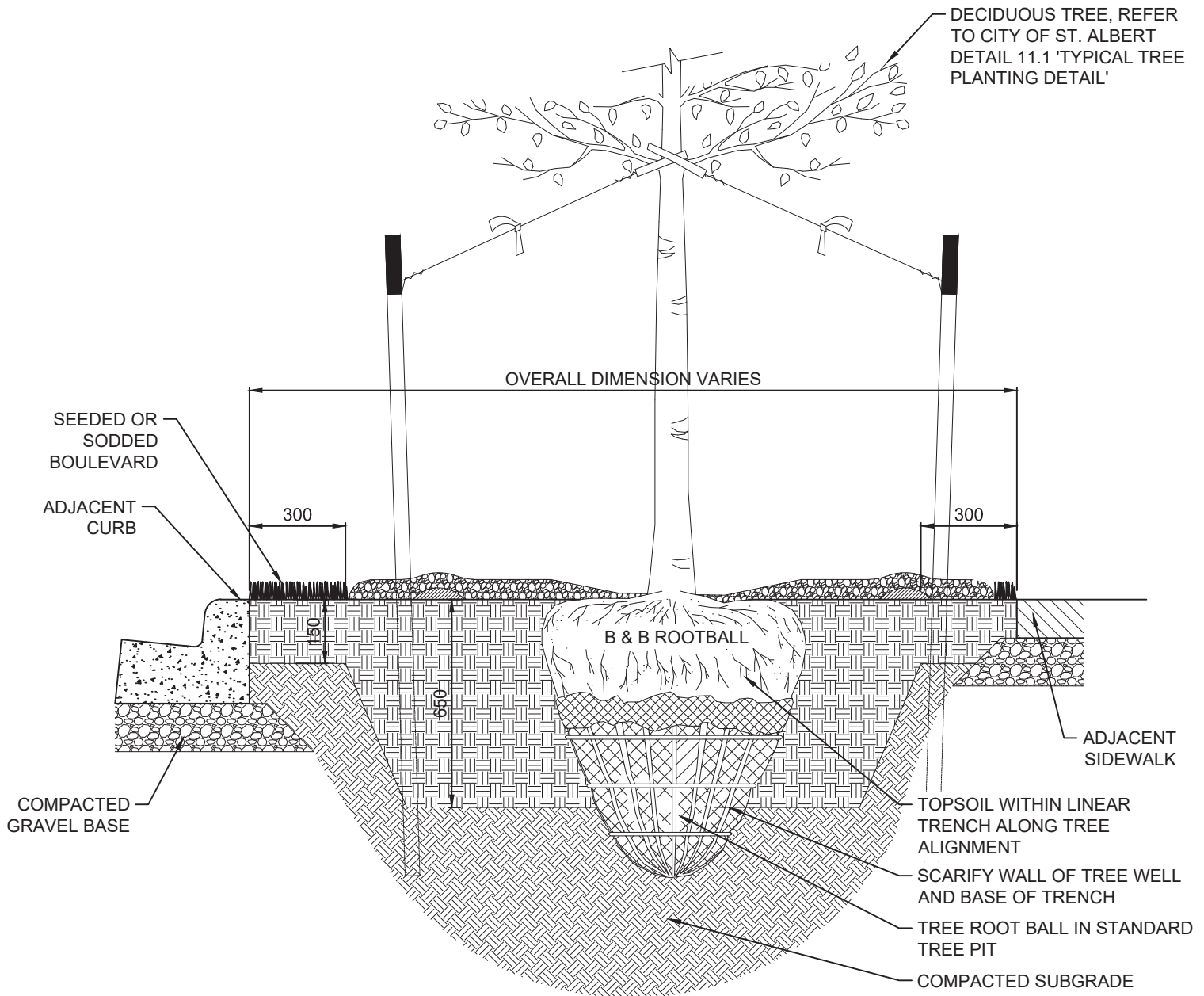
Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

No. 11.13



**NOTES:**

- ALL TREE STAKES TO MAINTAIN MINIMUM 1.0m CLEARANCE FROM ALL U/G POWER, TELEPHONE AND GAS ALIGNMENTS.
- IF MINIMUM UTILITY SETBACKS PERMIT POSITION TREE STAKES INTO DIRECTION OF PREVAILING WINDS OR IF IN THE BOULEVARD THE STAKES SHOULD BE IN LINE WITH THE DIRECTION OF TRAFFIC.
- DIG ALL ROOT HOLES BY HAND WHEN CLOSER THAN 1.0m TO U/G POWER, TELEPHONE AND GAS ALIGNMENTS
- ALL DIMENSIONS IN MILLIMETERS.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
19/10/04	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Typical Tree Root Trench**

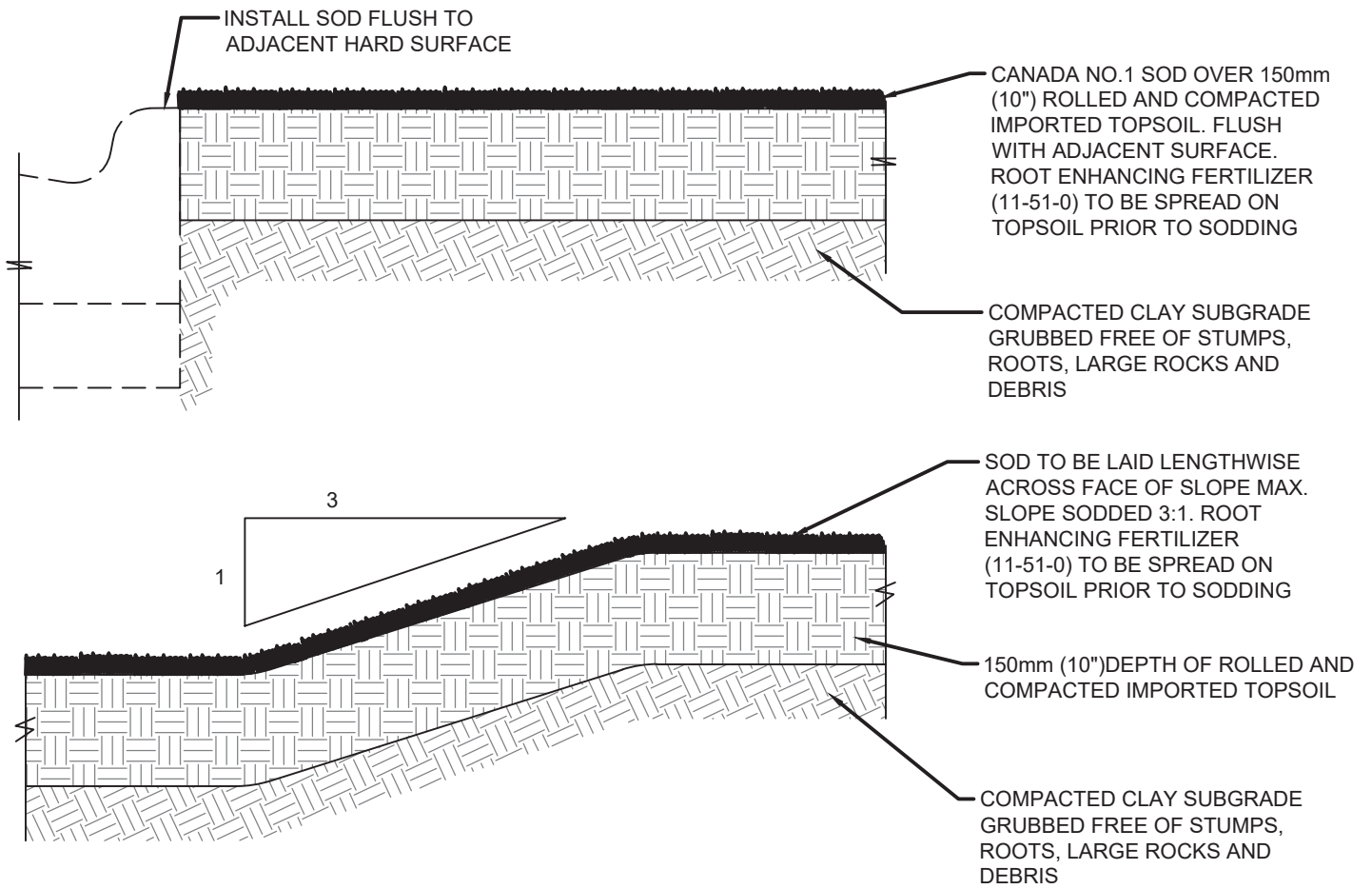
Planning & Engineering Department

Date: 19/10/04

Scale: N.T.S.

Drawing  
Number:

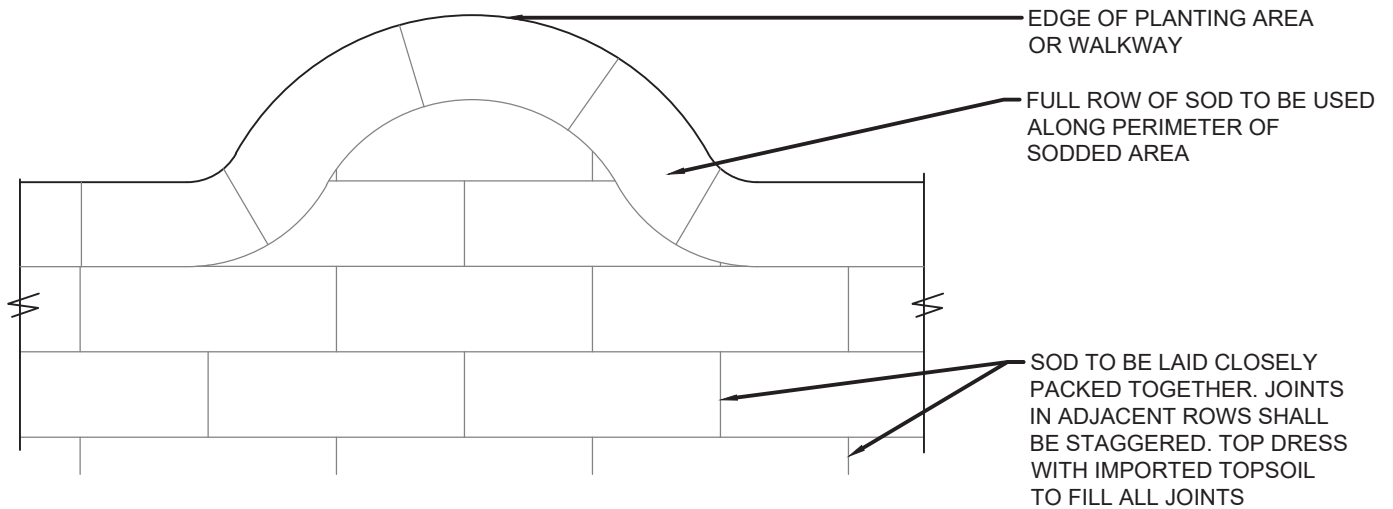
**No. 11.14**



CROSS SECTION THROUGH SLOPE

NOTES:

- SOD ON SLOPE GREATER THAN 3:1 TO BE PINNED IN PLACE WITH WOODEN PEGS 15m X 35m X 300mm TO BE USED. **METAL PEGS WILL NOT BE ACCEPTED.**



PLAN VIEW

REVISIONS

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

Sod Installation

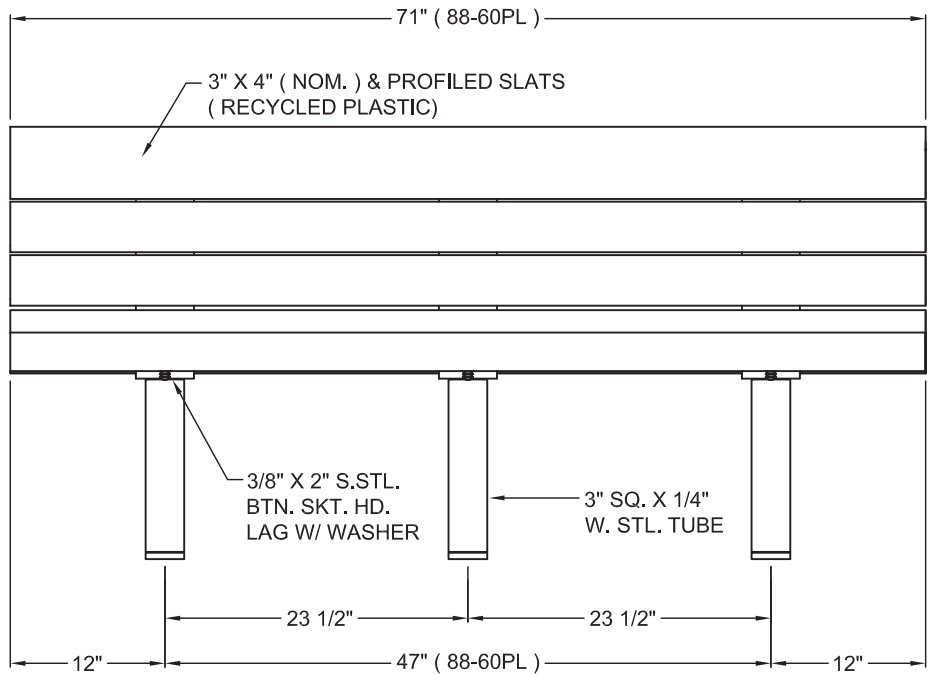
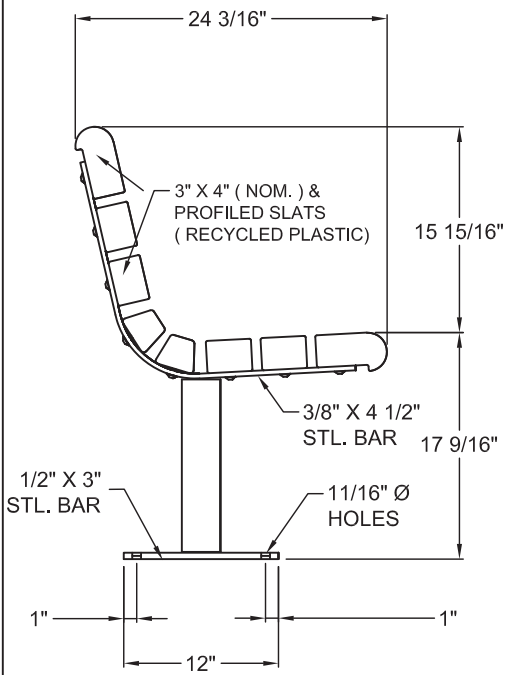
Planning & Engineering Department

Date: 01/04/13

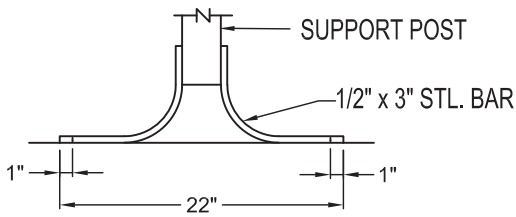
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Drawing  
Number:

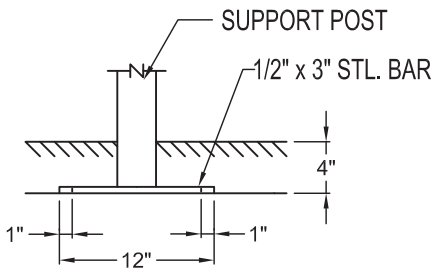
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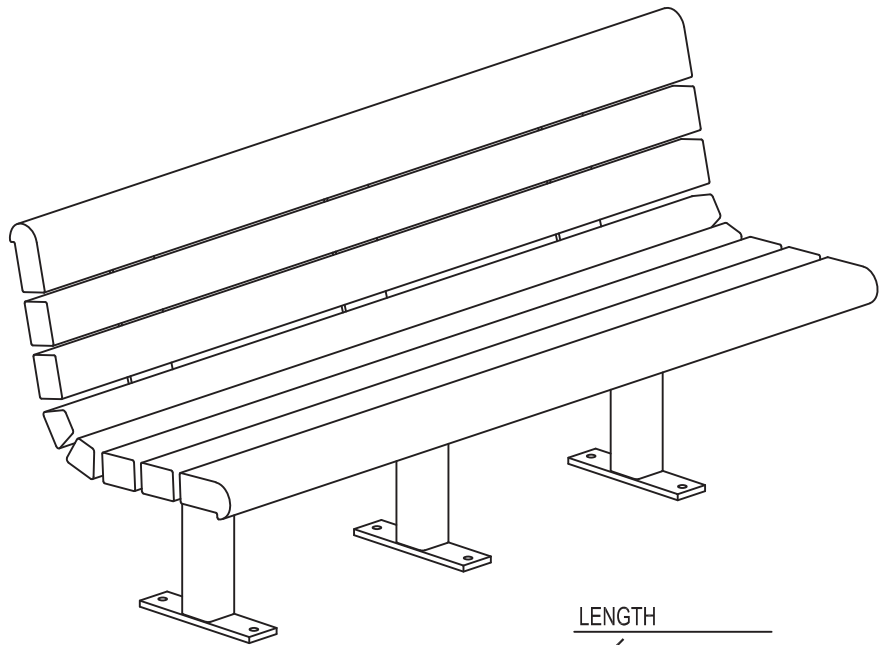
S-2 SURFACE



S-3 GULL WING



S-4 SUB FLOOR



LENGTH

6' BENCH

FRAME COLOUR

DEEP RED


SLAT MATERIAL

"CEDAR" RECYCLED PLASTIC

NOTES

1. ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
2. 1/2" x 3 3/4" EXPANSION BOLTS PROVIDED FOR S-2, S-3 & S-4 OPTIONS.

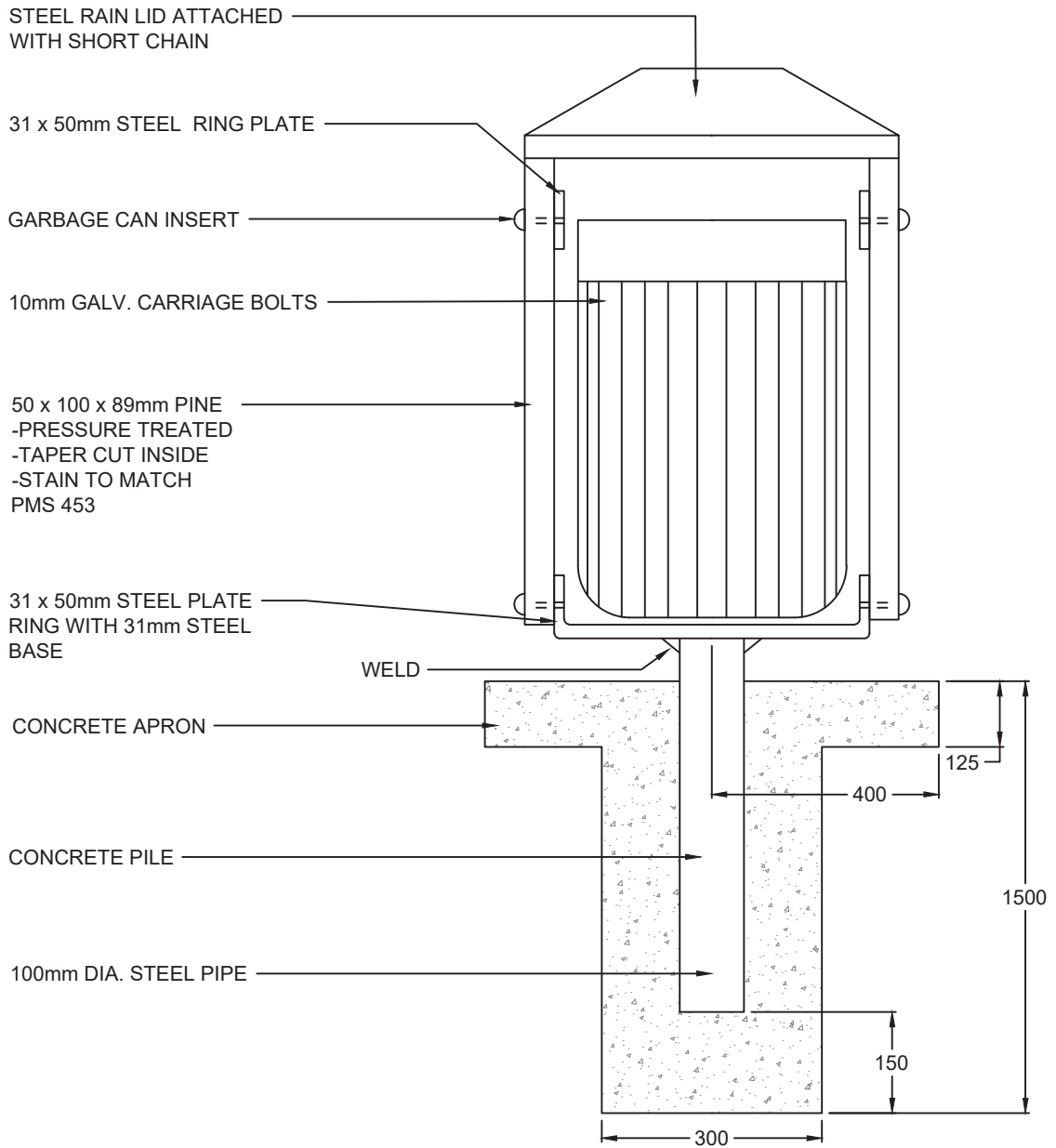
REVISIONS	
Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards

  
 5 ST. ANNE STREET, ST. ALBERT  
 Alberta, T8N 3Z9, CANADA

**Bench Detail**  
**(DuMor 88 SERIES PL)**  
 Planning & Engineering Department  
 Date: 01/07/20      Scale: N.T.S.

Drawing  
 Number:  
**No. 14.1**





**NOTES:**

1. ALL METAL POWDER COAT TO MATCH PMS 187.
2. ROCKY MOUNTAIN RECREATION EQUIPMENT CANADA LTD. ALC-4 OR APPROVED EQUIVALENT.
3. ALL DIMENSIONS IN MILLIMETERS.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Trash Receptacle**

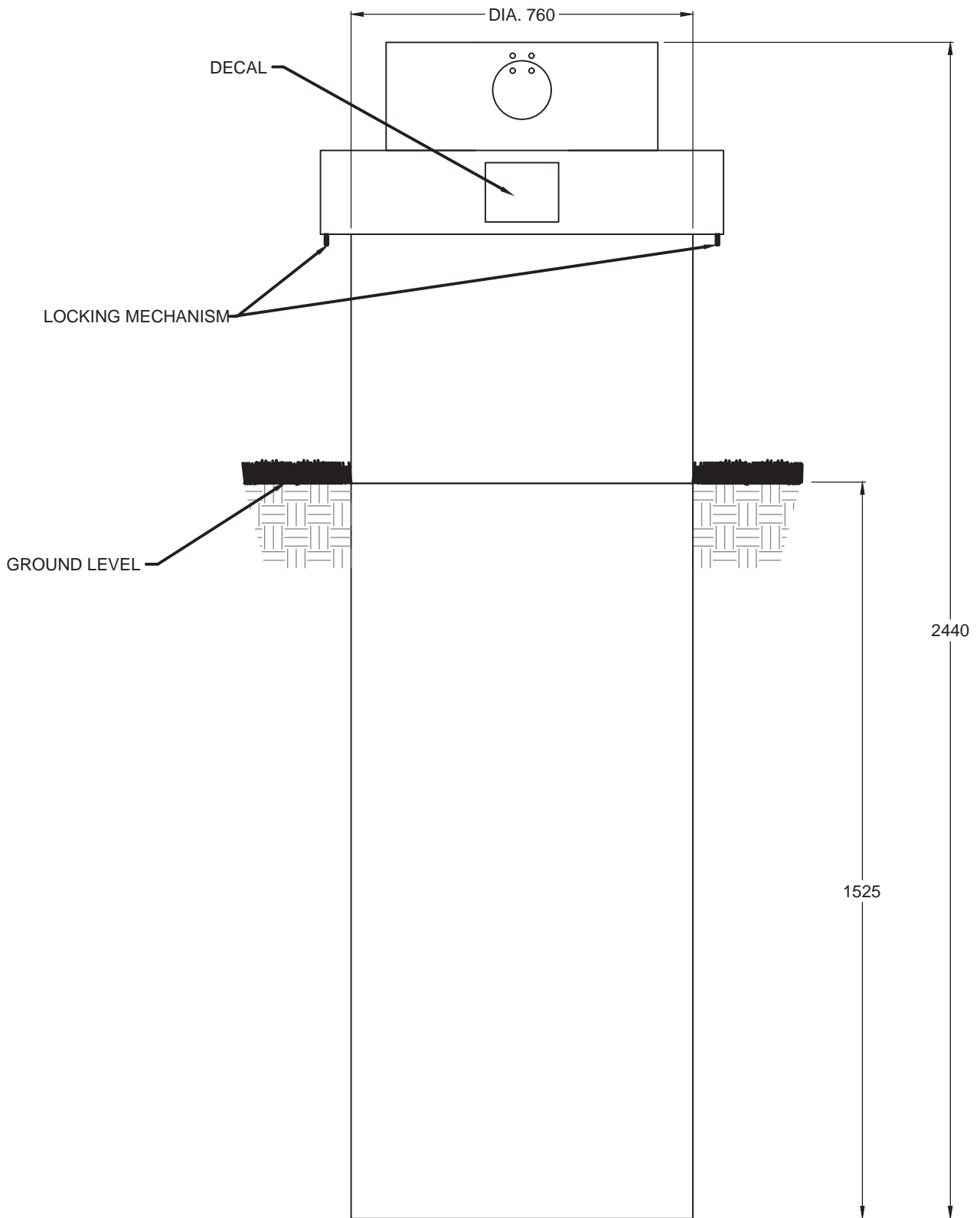
Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

**No. 14.2**



**NOTE:**

1. COLOUR: RED WITH GRAY SKIRTING.
2. LINER TO BE INCLUDED IN SUPPLY.
3. MODEL: ALFA MAXI
4. ALL DIMENSIONS IN MILLIMETERS.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**In Ground Receptacle**

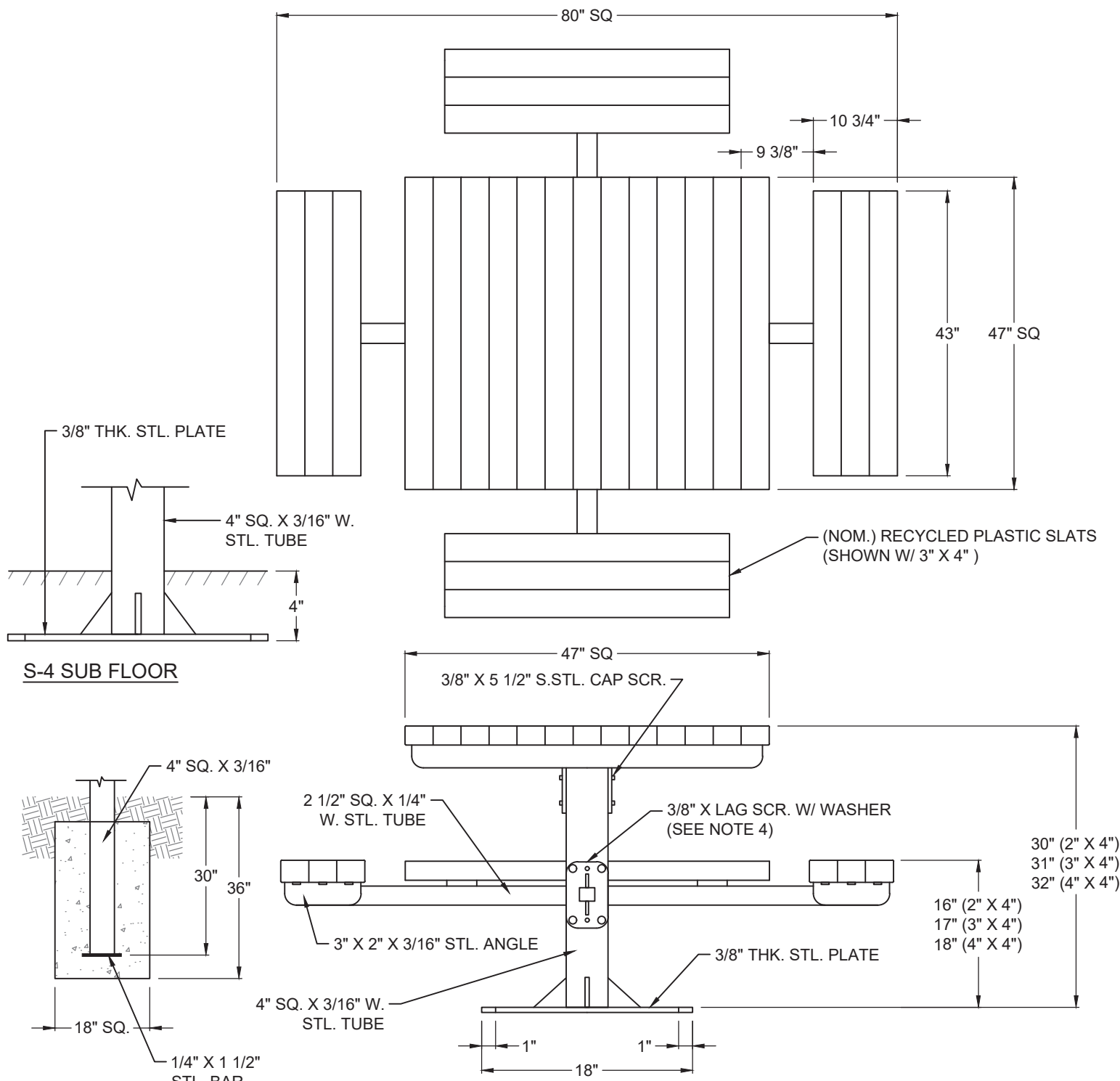
Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

**No. 14.3**



**S-4 SUB FLOOR**

**S-1 EMBEDMENT**

**NOTES:**

1. ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
2. 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS FOR OPTIONS S-2 AND S-4
3. USE 3/8" X 2" S.STL. BUTTON SOCKET HEAD LAG SCREWS FOR 3" X 4" & 4" X 4" SLATS. USE 3/8" X 1 1/2" S.STL. HEX HD LAG SCREWS FOR 2" X 4" SLATS.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Pedestal Table**

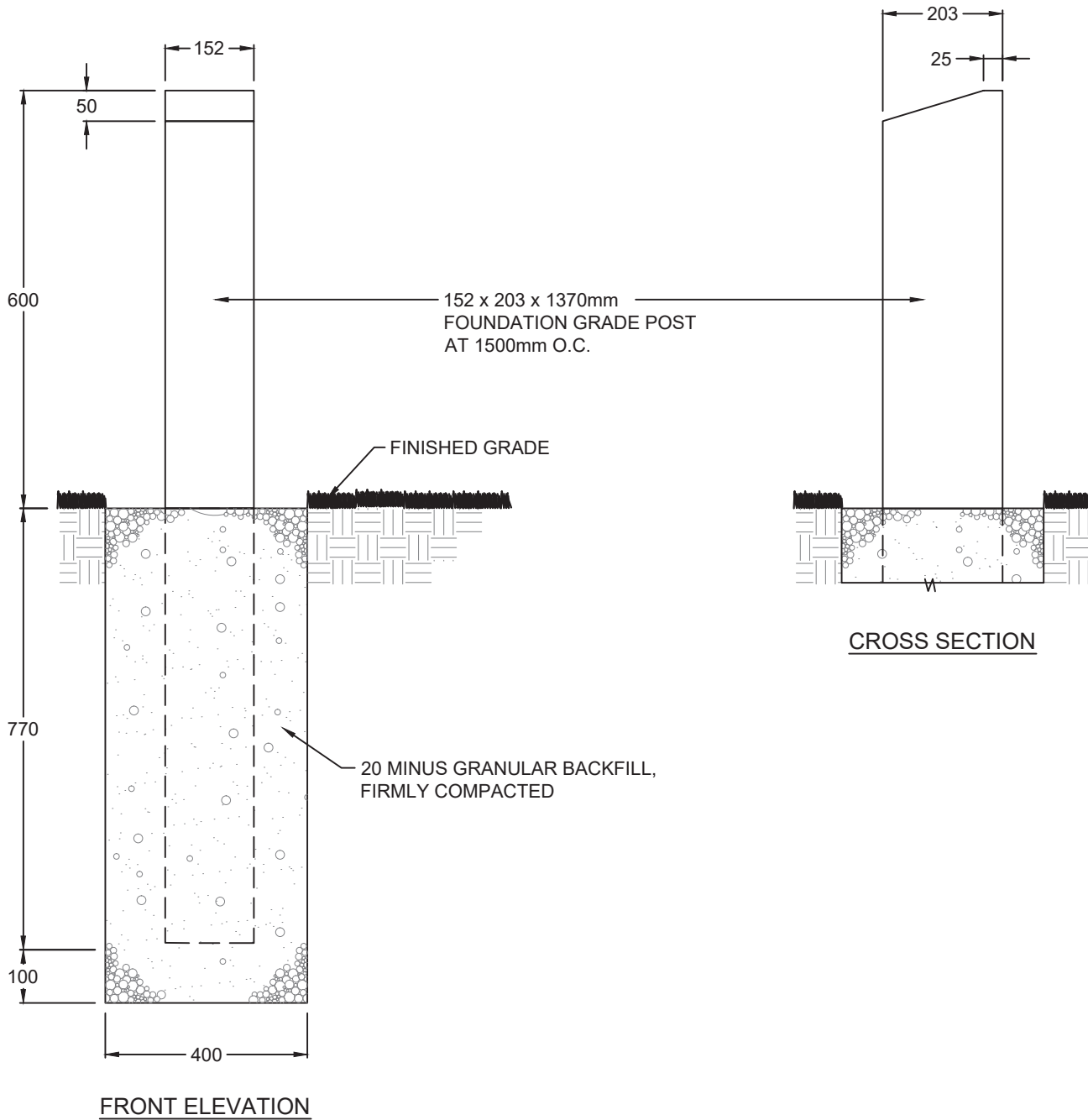
Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

**No. 14.4**



**NOTES:**

1. ALL WOOD TO BE PRESSURE TREATED ACQ.
2. WOOD USED MAY BE LODGEPOLE PINE, FIR, HEMLOCK OR SPRUCE DEPENDING ON AVAILABILITY AT TIME OF CONSTRUCTION.
3. ALL WOOD CUTS TO BE COATED WITH TWO COATS OF APPROVED WOOD PRESERVATIVE.
4. 20 MINUS GRANULAR FIRMLY COMPACTED.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**152 x 203mm Wood Bumper  
Post**

Planning & Engineering Department

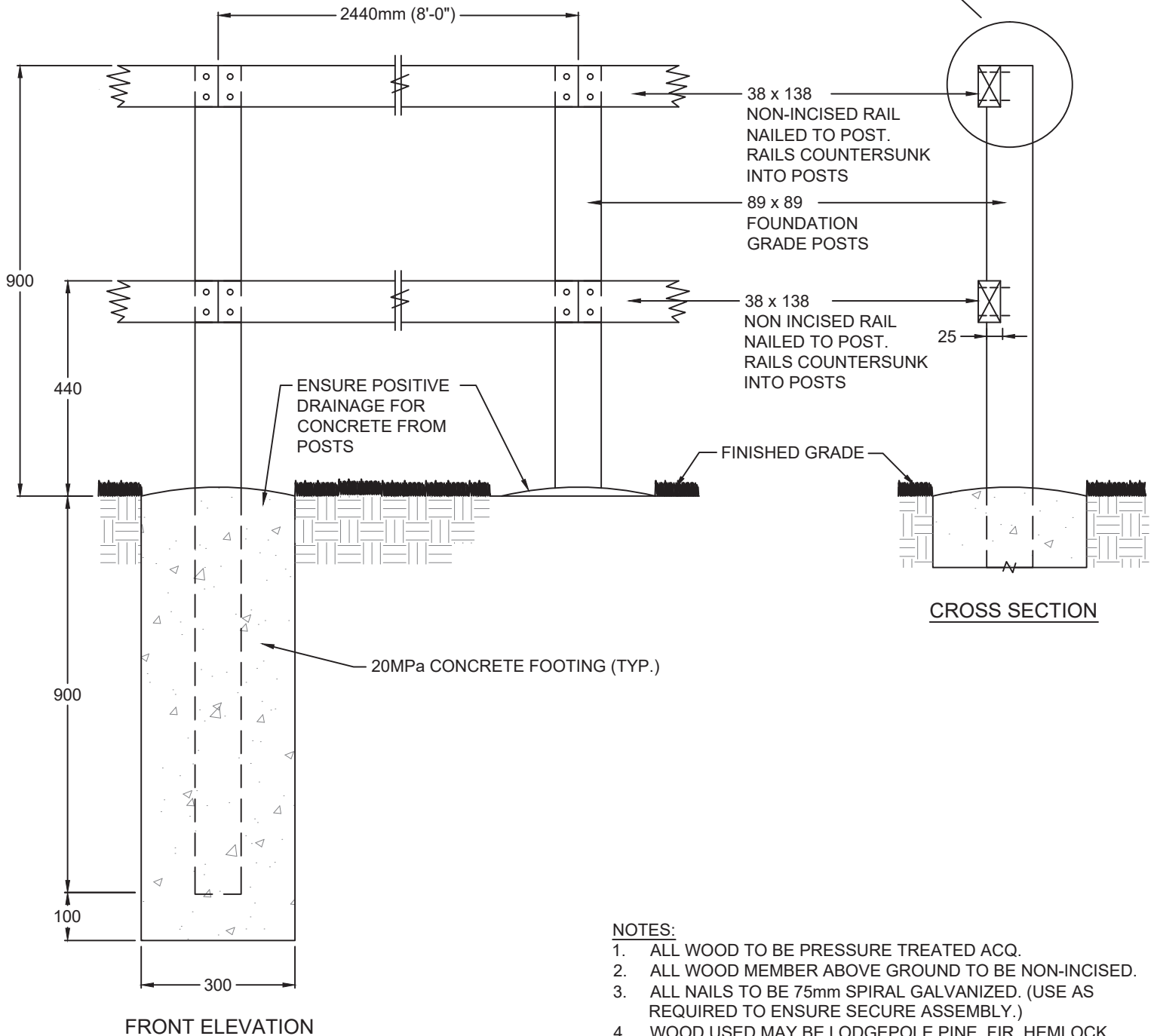
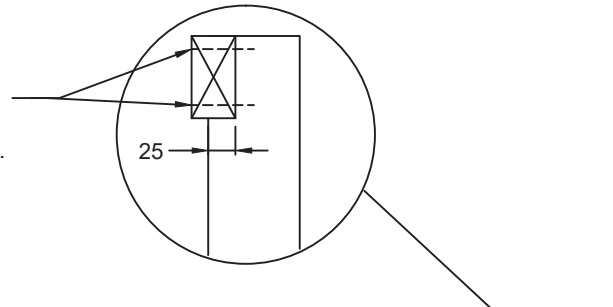
Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

**No. 14.5**

75mm SPIRAL GALVANIZED.  
(USE AS REQUIRED TO  
ENSURE SECURE ASSEMBLY).



**NOTES:**

1. ALL WOOD TO BE PRESSURE TREATED ACQ.
2. ALL WOOD MEMBER ABOVE GROUND TO BE NON-INCISED.
3. ALL NAILS TO BE 75mm SPIRAL GALVANIZED. (USE AS REQUIRED TO ENSURE SECURE ASSEMBLY.)
4. WOOD USED MAY BE LODGEPOLE PINE, FIR, HEMLOCK OR SPRUCE DEPENDING ON AVAILABILITY AT TIME OF CONSTRUCTION.
5. ALL WOOD CUTS TO BE COATED WITH TWO COATS OF APPROVED WOOD PRESERVATIVE.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Permanent Wood Rail Fence  
Detail**

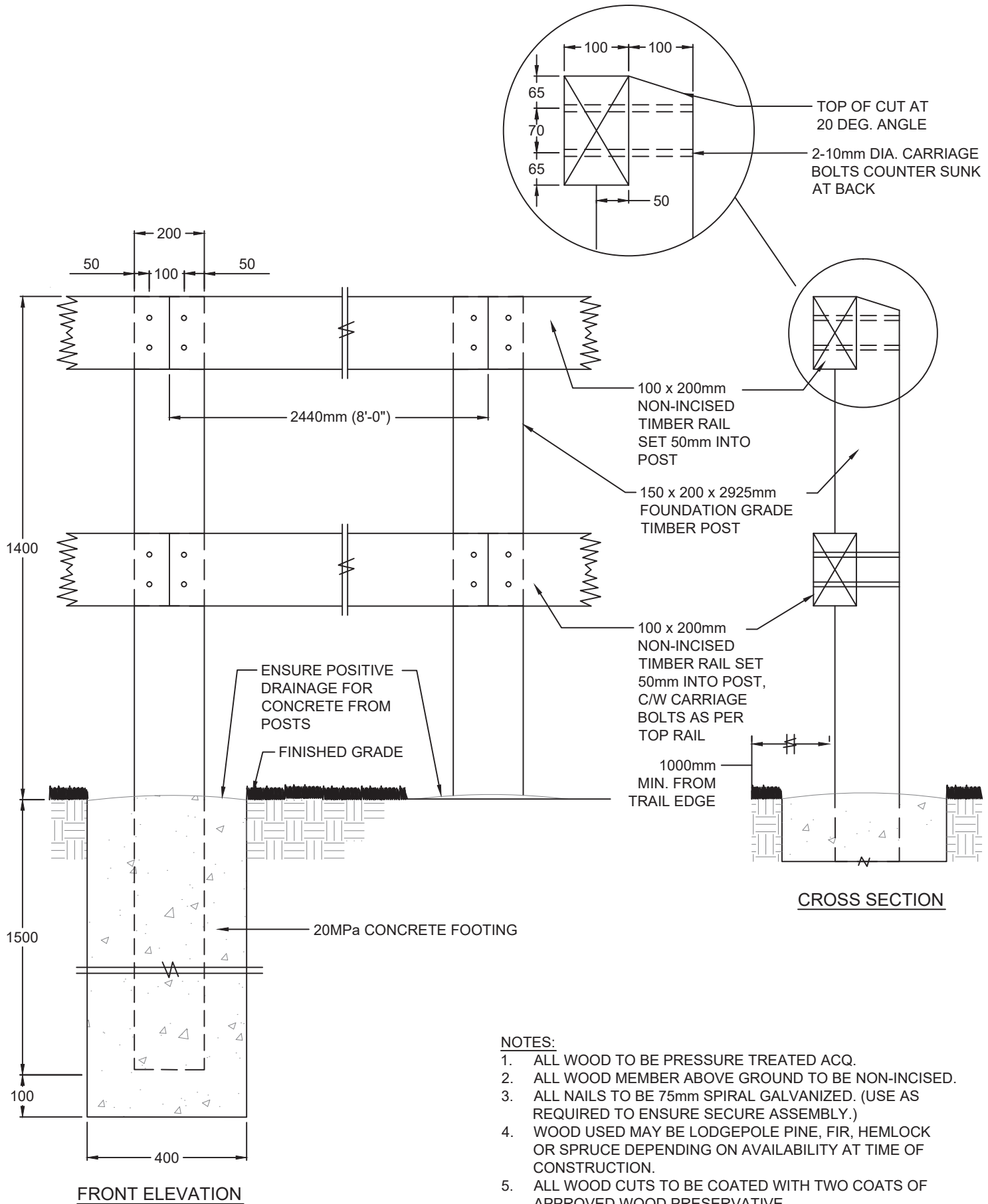
Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

**No. 14.6**



**NOTES:**

1. ALL WOOD TO BE PRESSURE TREATED ACQ.
2. ALL WOOD MEMBER ABOVE GROUND TO BE NON-INCISED.
3. ALL NAILS TO BE 75mm SPIRAL GALVANIZED. (USE AS REQUIRED TO ENSURE SECURE ASSEMBLY.)
4. WOOD USED MAY BE LODGEPOLE PINE, FIR, HEMLOCK OR SPRUCE DEPENDING ON AVAILABILITY AT TIME OF CONSTRUCTION.
5. ALL WOOD CUTS TO BE COATED WITH TWO COATS OF APPROVED WOOD PRESERVATIVE.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**1400mm High Wood Guard Rail**

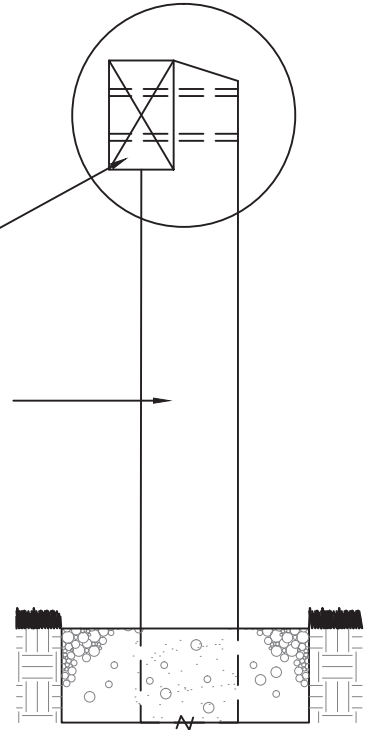
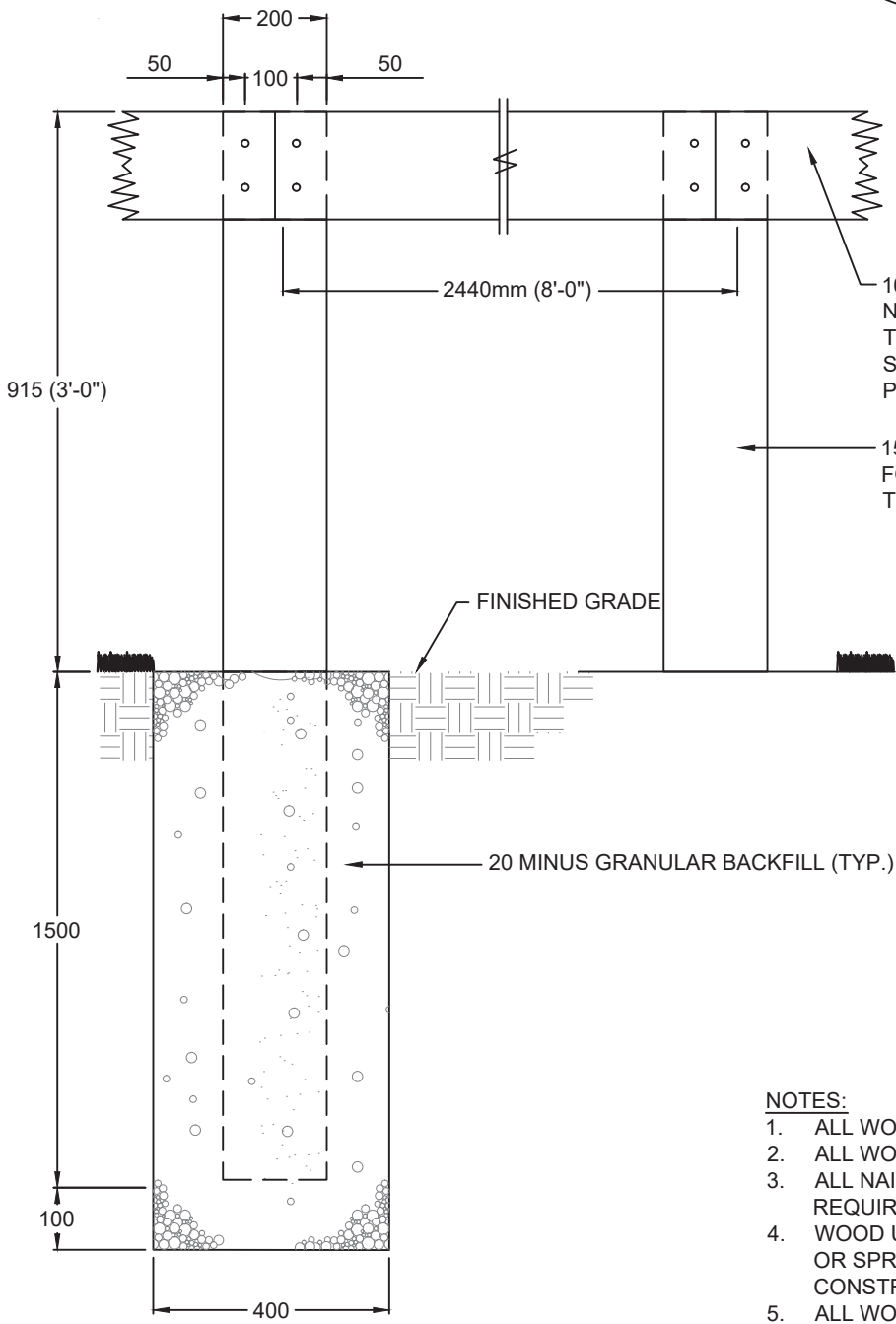
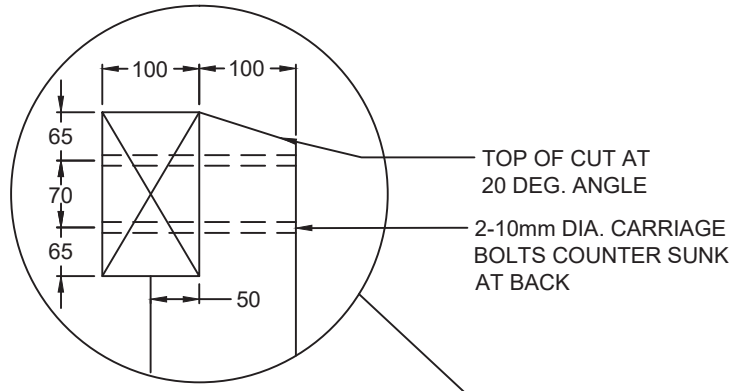
Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing Number:

No. 14.7



**CROSS SECTION**


**FRONT ELEVATION**

**NOTES:**

1. ALL WOOD TO BE PRESSURE TREATED ACQ.
2. ALL WOOD MEMBER ABOVE GROUND TO BE NON-INCISED.
3. ALL NAILS TO BE 75mm SPIRAL GALVANIZED. (USE AS REQUIRED TO ENSURE SECURE ASSEMBLY.)
4. WOOD USED MAY BE LODGEPOLE PINE, FIR, HEMLOCK OR SPRUCE DEPENDING ON AVAILABILITY AT TIME OF CONSTRUCTION.
5. ALL WOOD CUTS TO BE COATED WITH TWO COATS OF APPROVED WOOD PRESERVATIVE.
6. 20 MINUS GRANULAR FIRMLY COMPACTED.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards

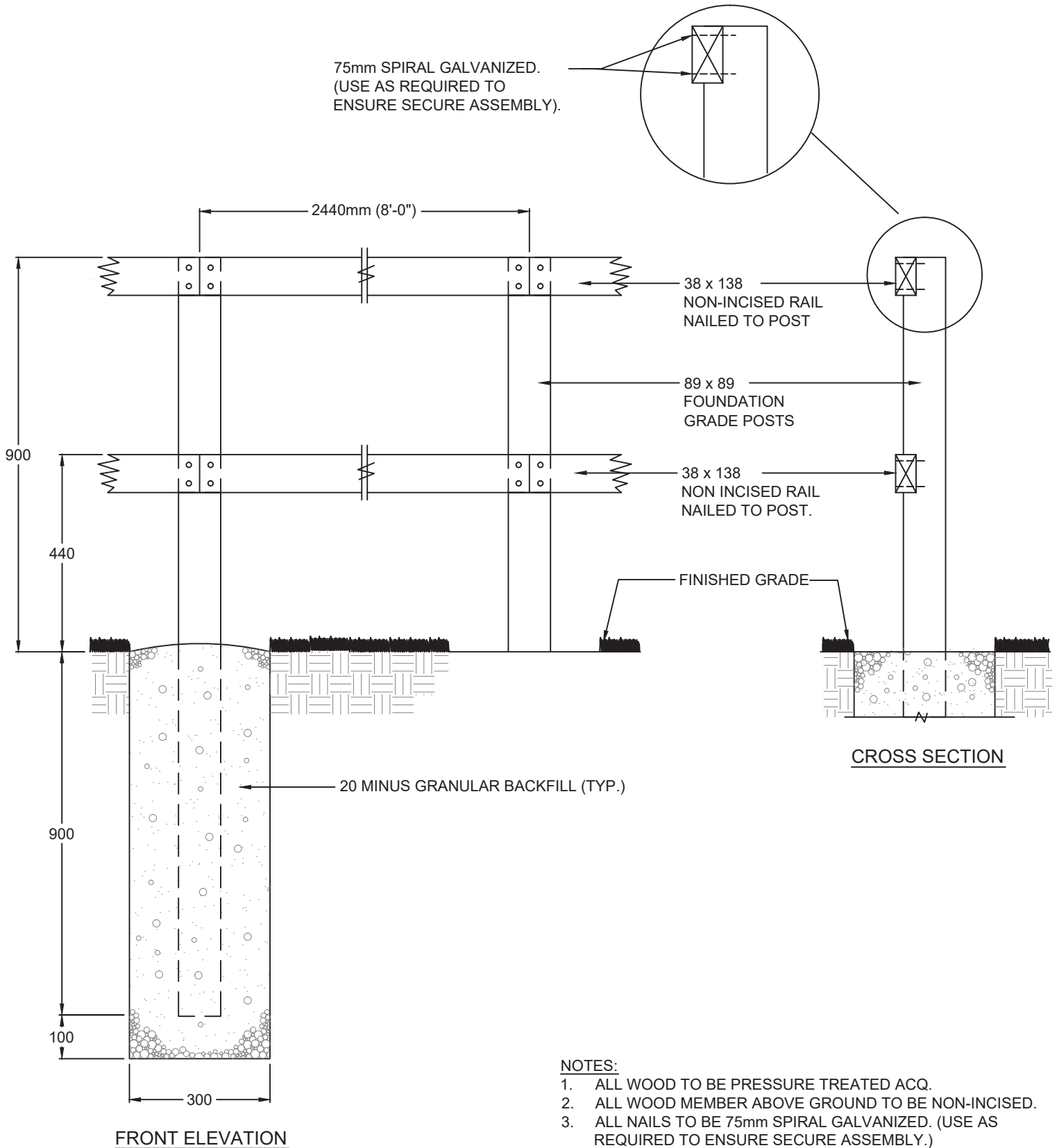
  
 5 ST. ANNE STREET, ST. ALBERT  
 Alberta, T8N 3Z9, CANADA

**915mm High Wood Guard Rail**

Planning & Engineering Department  
 Date: 01/04/13      Scale: N.T.S.

Drawing Number:  
**No. 14.8**

75mm SPIRAL GALVANIZED.  
(USE AS REQUIRED TO  
ENSURE SECURE ASSEMBLY).



**NOTES:**

1. ALL WOOD TO BE PRESSURE TREATED ACQ.
2. ALL WOOD MEMBER ABOVE GROUND TO BE NON-INCISED.
3. ALL NAILS TO BE 75mm SPIRAL GALVANIZED. (USE AS REQUIRED TO ENSURE SECURE ASSEMBLY.)
4. WOOD USED MAY BE LODGEPOLE PINE, FIR, HEMLOCK OR SPRUCE DEPENDING ON AVAILABILITY AT TIME OF CONSTRUCTION.
5. ALL WOOD CUTS TO BE COATED WITH TWO COATS OF APPROVED WOOD PRESERVATIVE.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Temporary Wood Rail Fence  
Detail**

Planning & Engineering Department

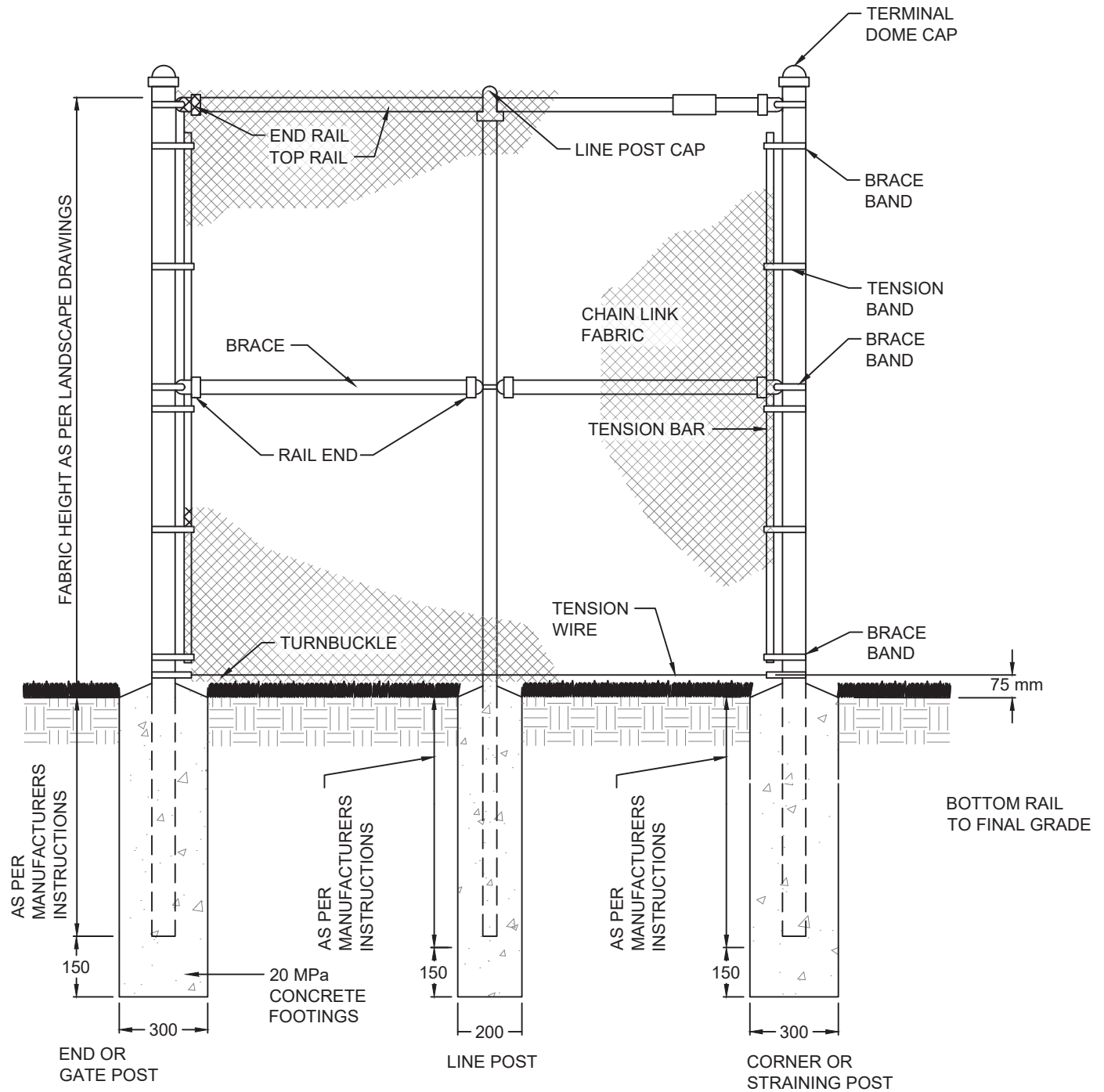
Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

**No. 14.9**





REVISIONS

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

Chain Link Fence Frame

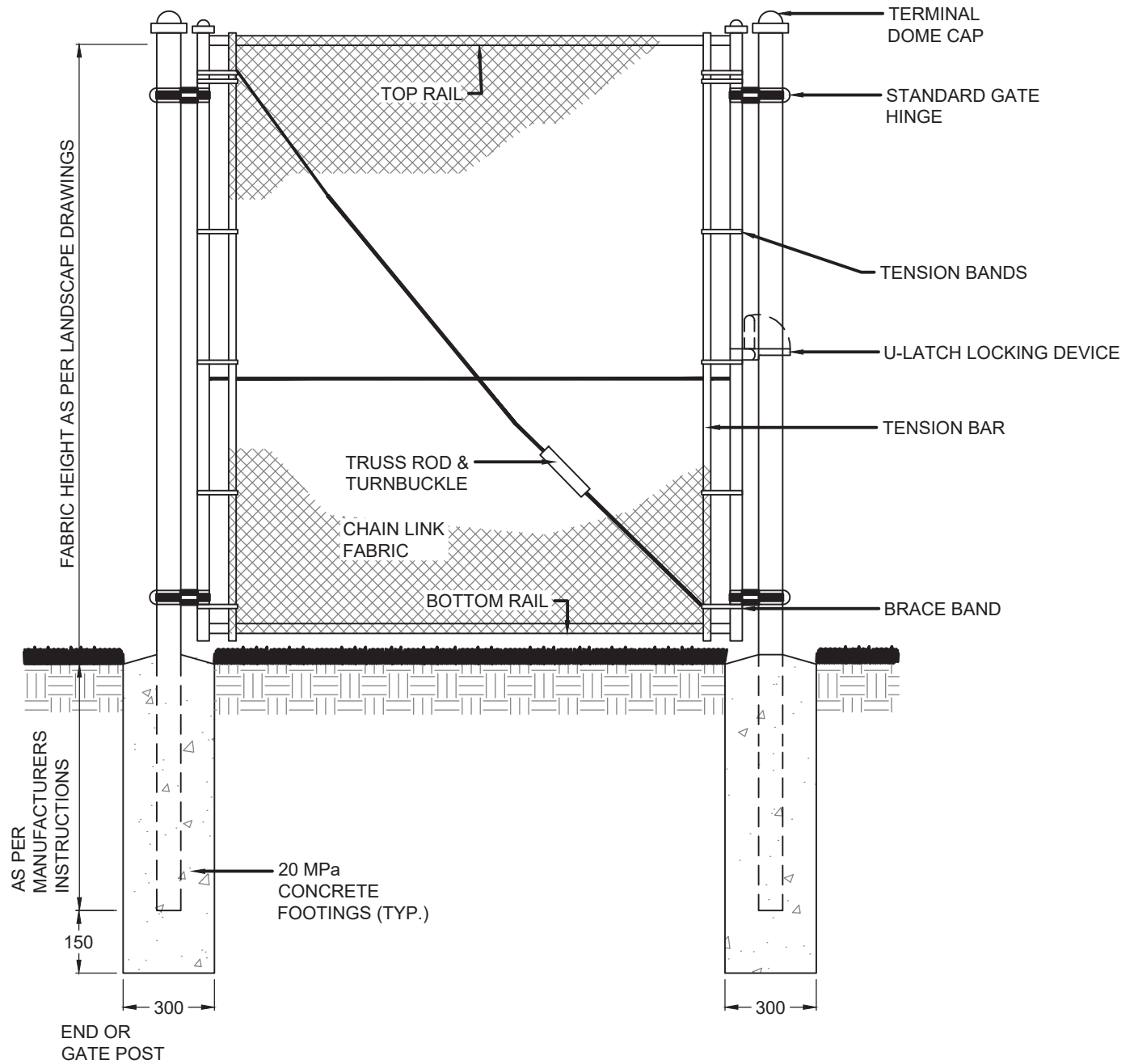
Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

No. 14.10



**NOTES:**

1. SPACING OF 75mm REQUIRED FROM BOTTOM RAIL TO FINAL GRADE.
2. ALL GATES THAT CONNECT PRIVATE PROPERTY TO PUBLIC LANDS SHALL SWING OPEN INTO PRIVATE PROPERTY.
3. NO GATES PERMITTED BACKING ONTO PUBLIC LAND.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	23/04/2014
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Chain Link Fence Single Gate**

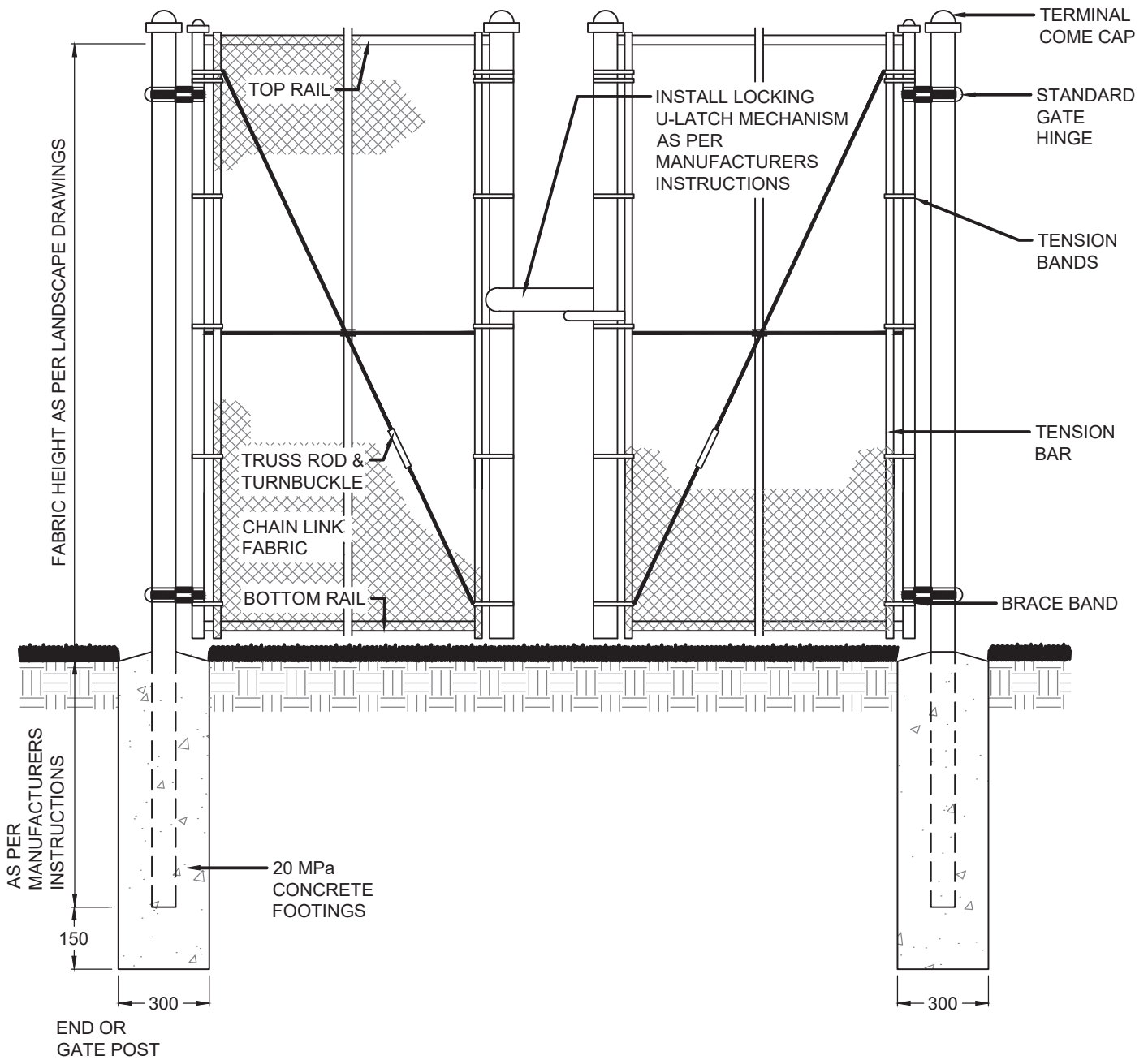
Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing Number:

**No. 14.11**



**NOTES:**

1. SPACING OF 75mm REQUIRED FROM BOTTOM RAIL TO FINAL GRADE.
2. ALL GATES THAT CONNECT PRIVATE PROPERTY TO PUBLIC LANDS SHALL SWING OPEN INTO PRIVATE PROPERTY.
3. NO GATES PERMITTED BACKING ONTO PUBLIC LAND.

**REVISIONS**

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Chain Link Fence Double Gate**

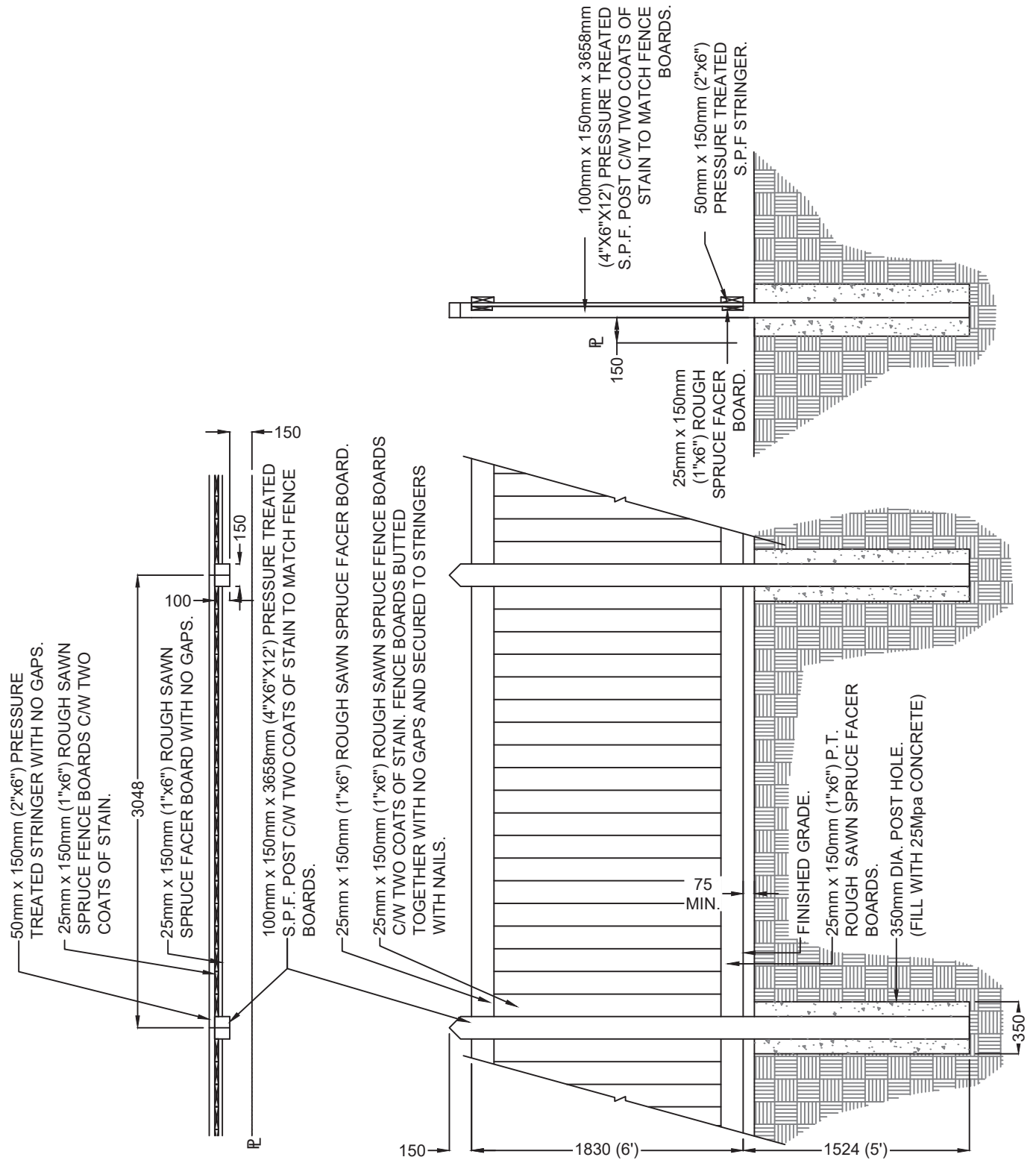
Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

**No. 14.12**



REVISIONS

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



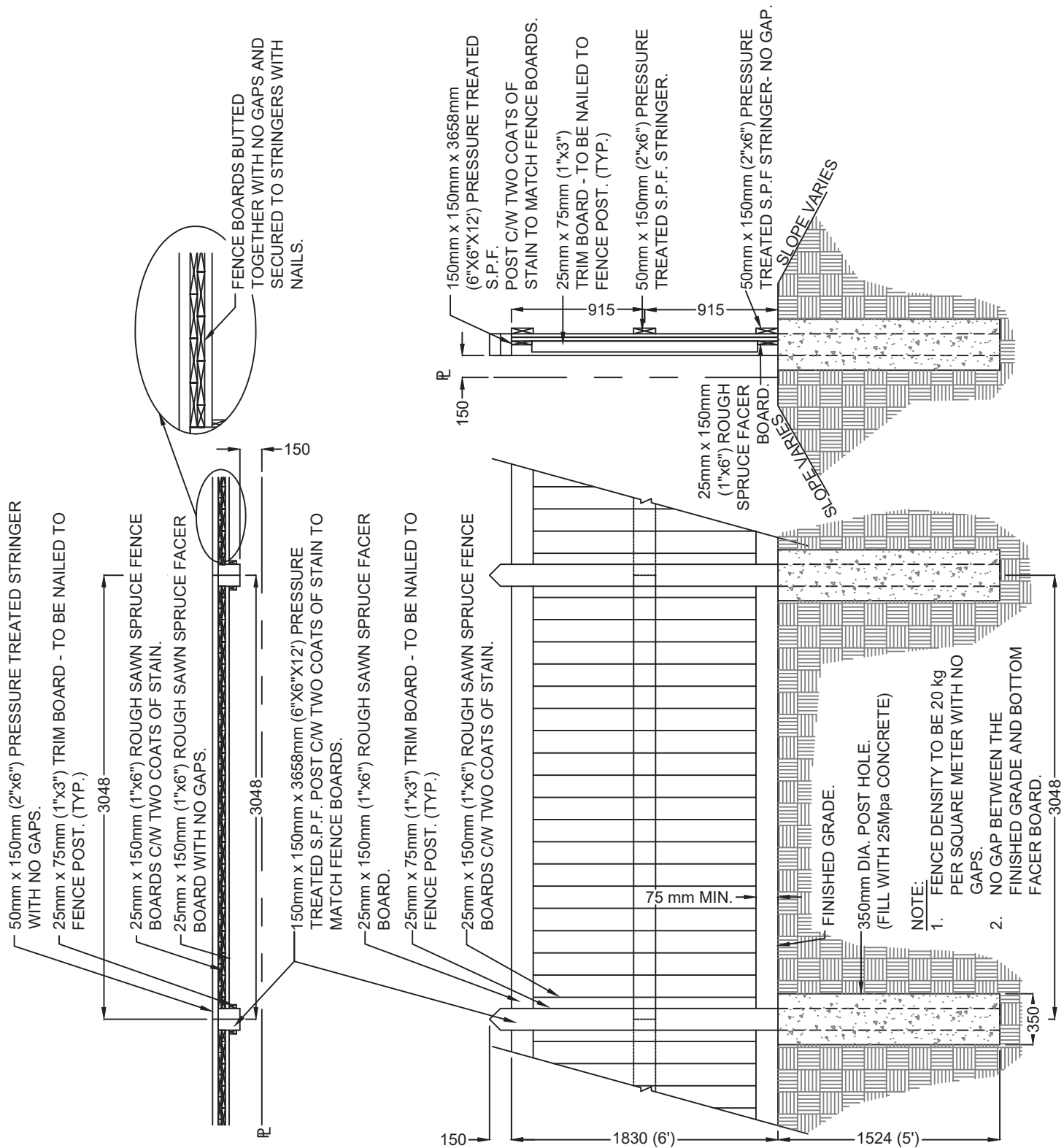
5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

1800mm High Berm Fence

Planning & Engineering Department	
Date: 01/04/13	Scale: N.T.S.

Drawing Number:

No. 14.13



REVISIONS

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

1800mm Ht. Sound  
Attenuation Fence

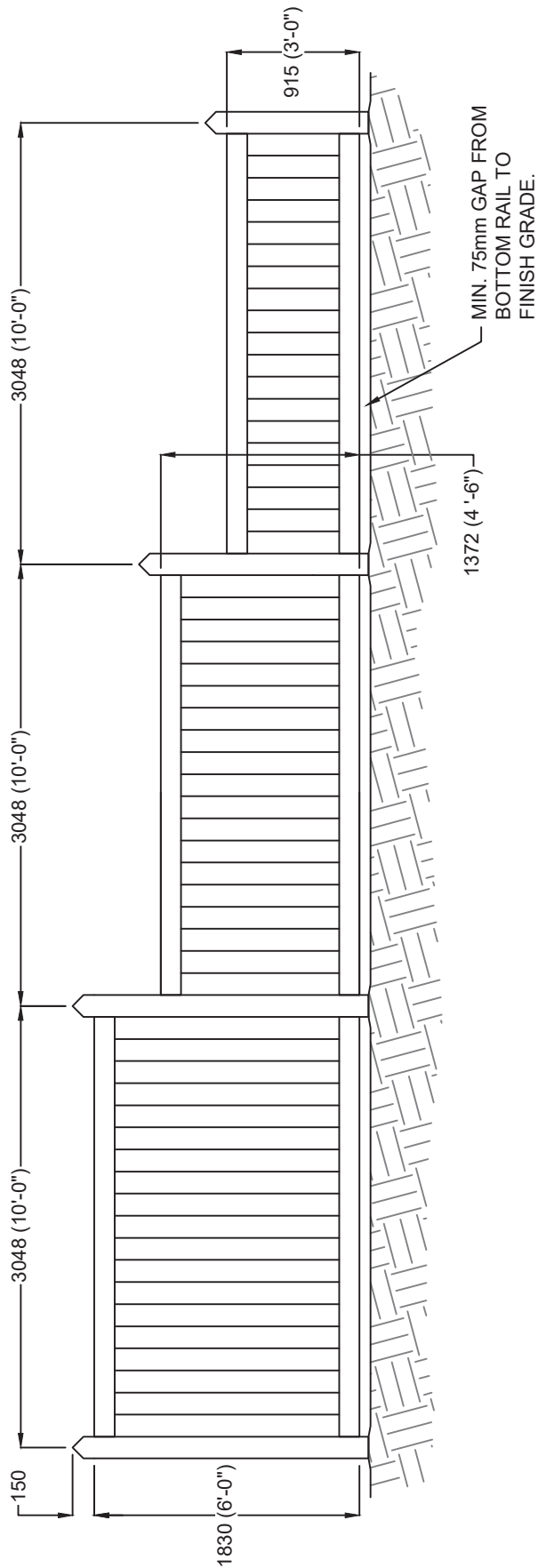
Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.


Drawing  
Number:

No. 14.14



NOTES:  
 1. STEP DOWN FENCING SHALL BE INSTALLED BY THE DEVELOPER ALONG RESIDENTIAL SIDE LOT FLANKAGE WHERE PRIVATE LAND BORDERS PUBLIC LAND.

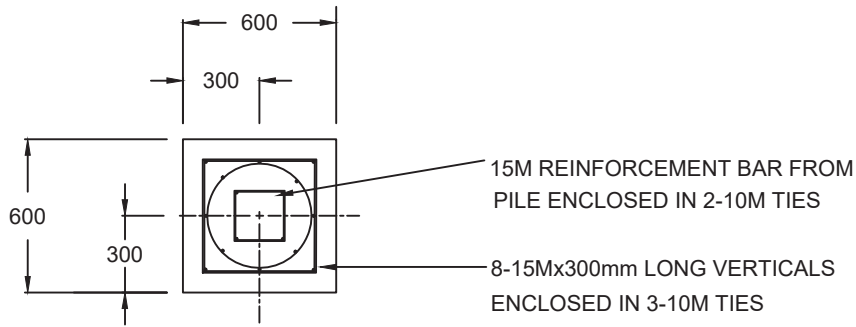
REVISIONS	
Date	Details
YY/MM/DD	
YY/MM/DD	23/04/2014
YY/MM/DD	Landscape Municipal Standards


  
 5 ST. ANNE STREET, ST. ALBERT  
 Alberta, T8N 3Z9, CANADA

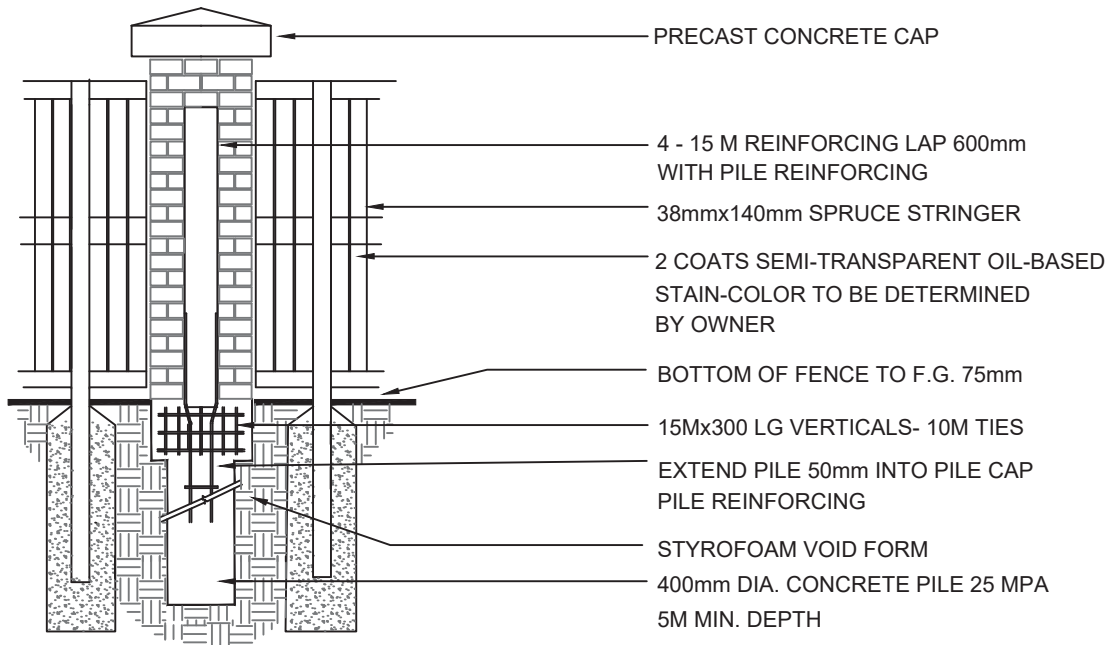
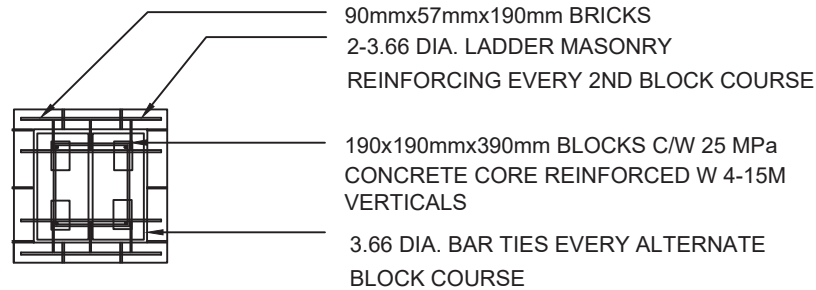
**Wood Screen Fence  
 Step Down Detail**

Planning & Engineering Department  
 Date: 01/04/13      Scale: N.T.S.

Drawing  
 Number:  
**No. 14.15**



PLAN: PILE CAP



BRICK COLUMN DETAIL  
N.T.S.

REVISIONS

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

Brick Column Detail

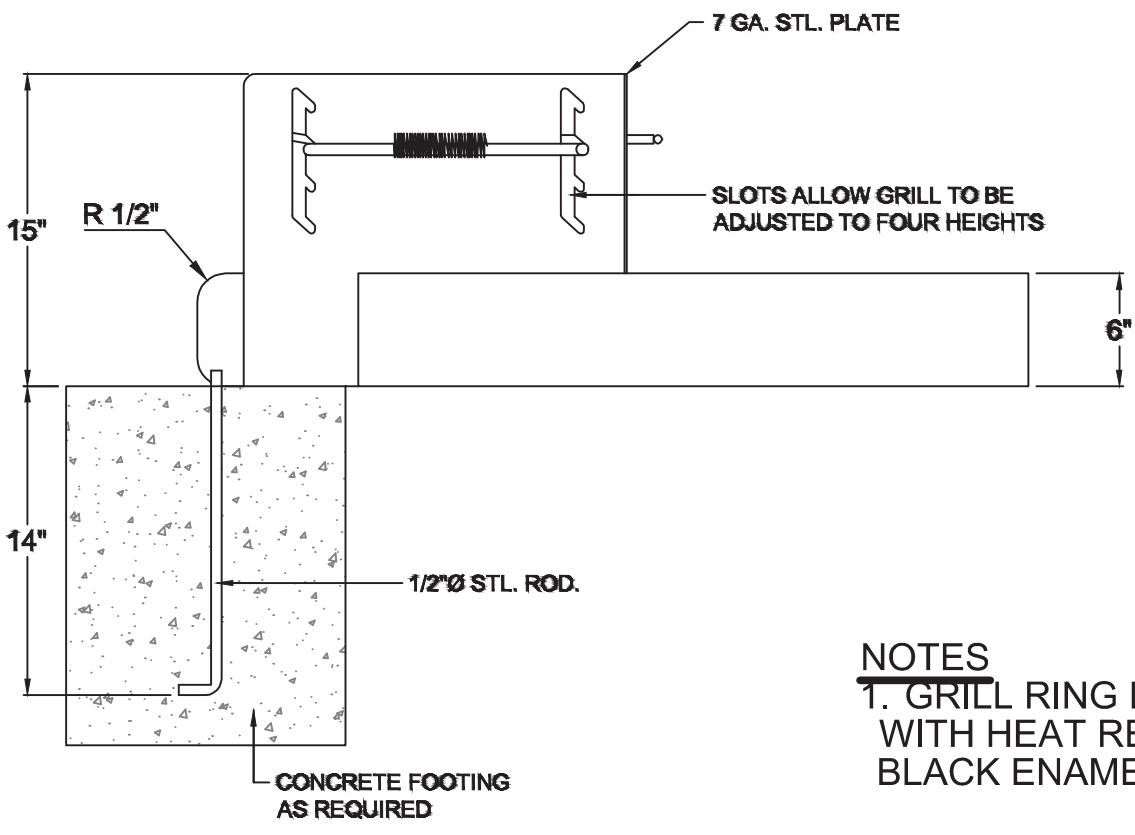
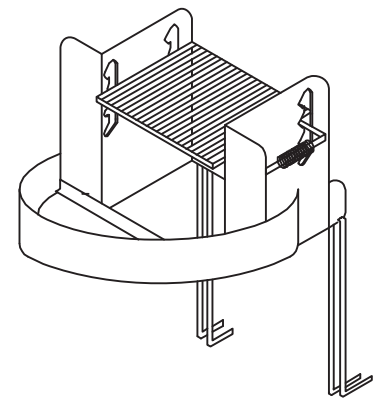
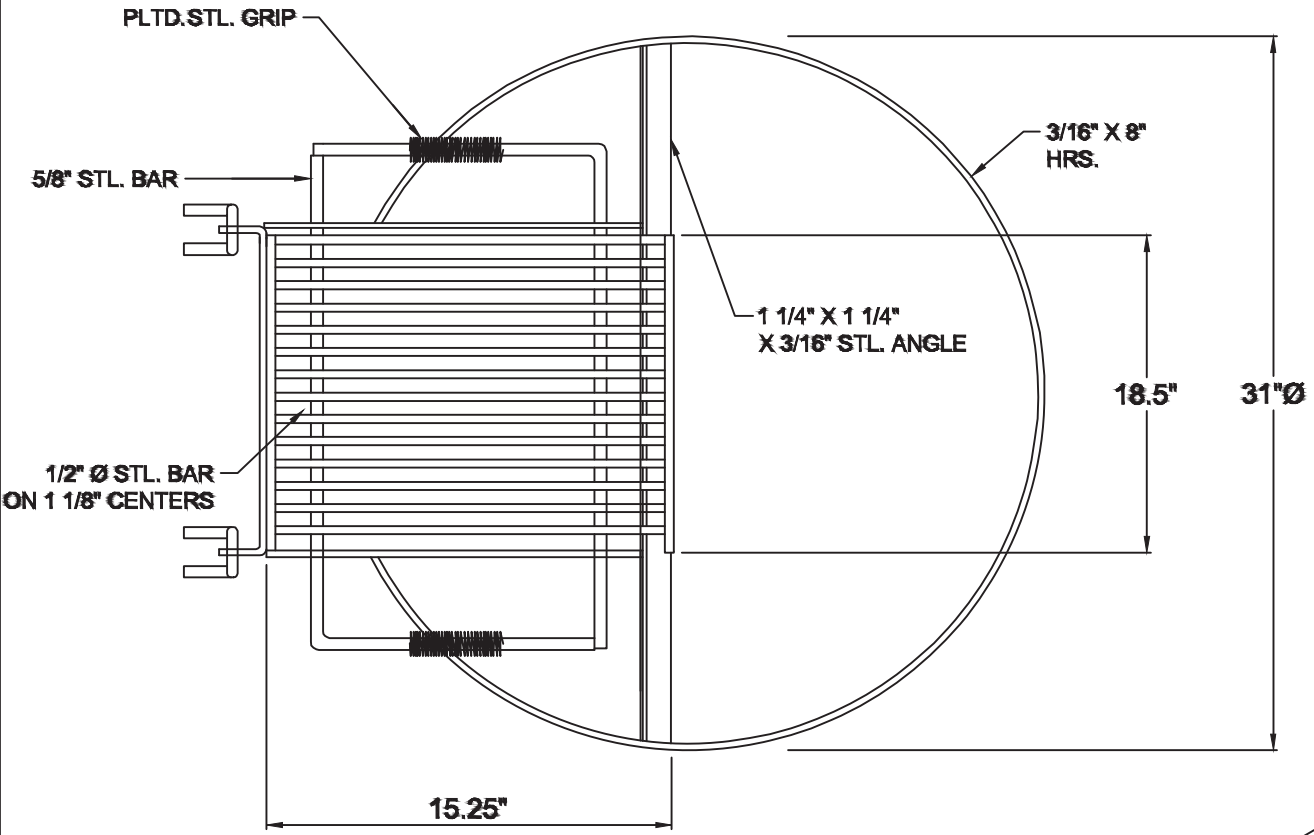
Planning & Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

No. 14.16



**NOTES**  
 1. GRILL RING FINISHED WITH HEAT RESISTANT BLACK ENAMEL.

REVISIONS	
Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards

*St. Albert* City of  
 Engineering Services

5 ST. ANNE STREET, ST. ALBERT  
 Alberta, T8N 3Z9, CANADA

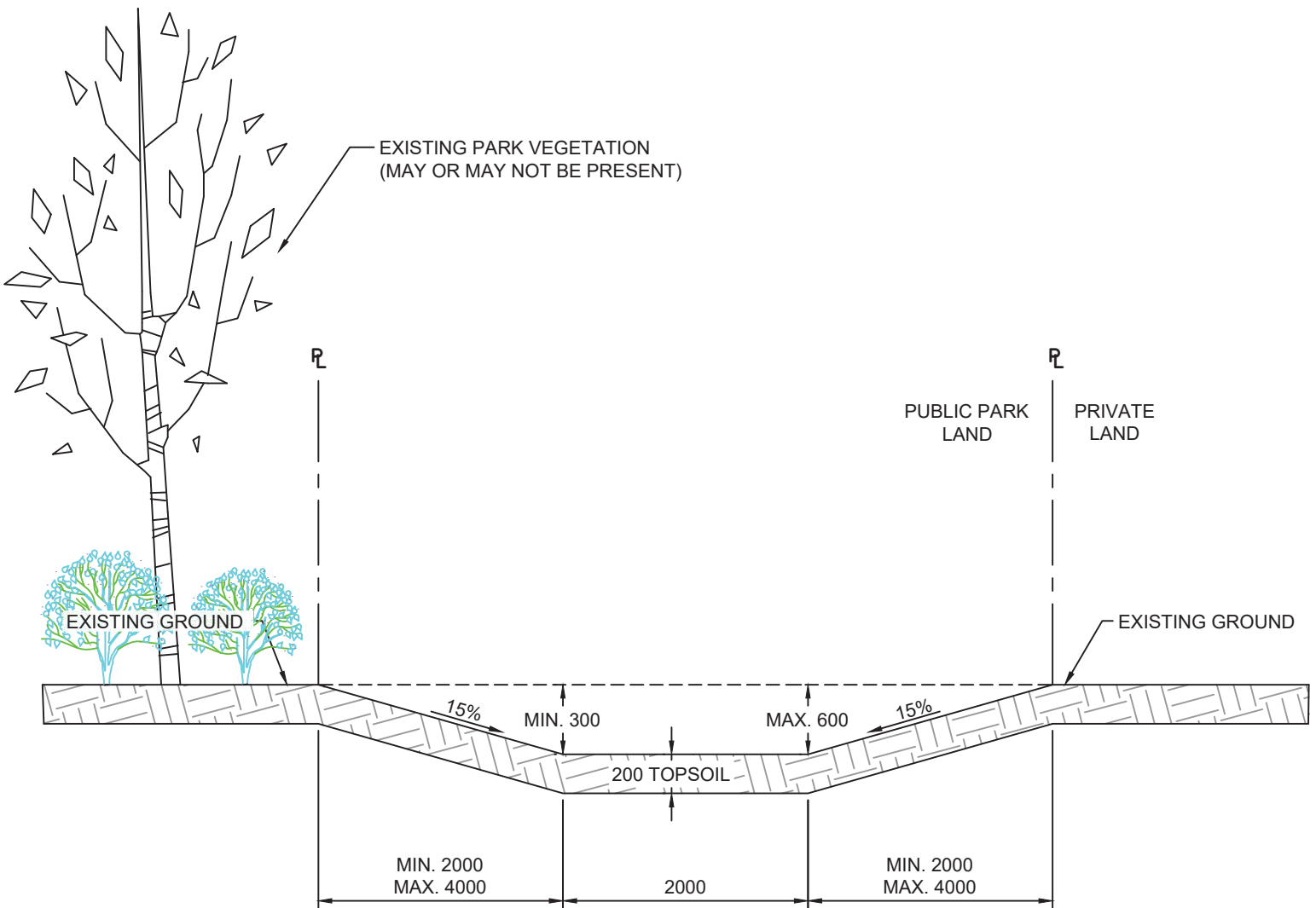
**BBQ GRILL**

Planning & Engineering Department

Date: 01/04/13      Scale: N.T.S.

Drawing Number:  
**No. 14.17**






**NOTES:**

1. ALL DIMENSIONS IN MILLIMETRES.
2. THE MINIMUM ACCEPTABLE LONGITUDINAL SLOPE OF THE PARK SWALE CHANNEL SHALL BE 2%.
3. CHANNEL WIDTH MAY INCREASE BASED UPON EXISTING GROUND TOPOGRAPHY TO A MAXIMUM OF 10,000mm.
4. CHANNEL DEPTH MAY INCREASE BASED UPON EXISTING GROUND TOPOGRAPHY TO A MAXIMUM OF DEPTH OF 600mm.
5. IF A MINIMUM LONGITUDINAL SLOPE OF 2% IS UNACHIEVABLE THEN ALTERNATIVE DESIGN CONSIDERATION, MUST BE IMPLEMENTED.
6. A PRE AND POST CONSTRUCTION INSPECTION OF EXISTING PARK VEGETATION MUST BE CONDUCTED BY A CERTIFIED ARBORIST.

REVISIONS	
Date	Details
DD/MM/YY	
DD/MM/YY	18/03/14
DD/MM/YY	Landscaping Municipal Standards

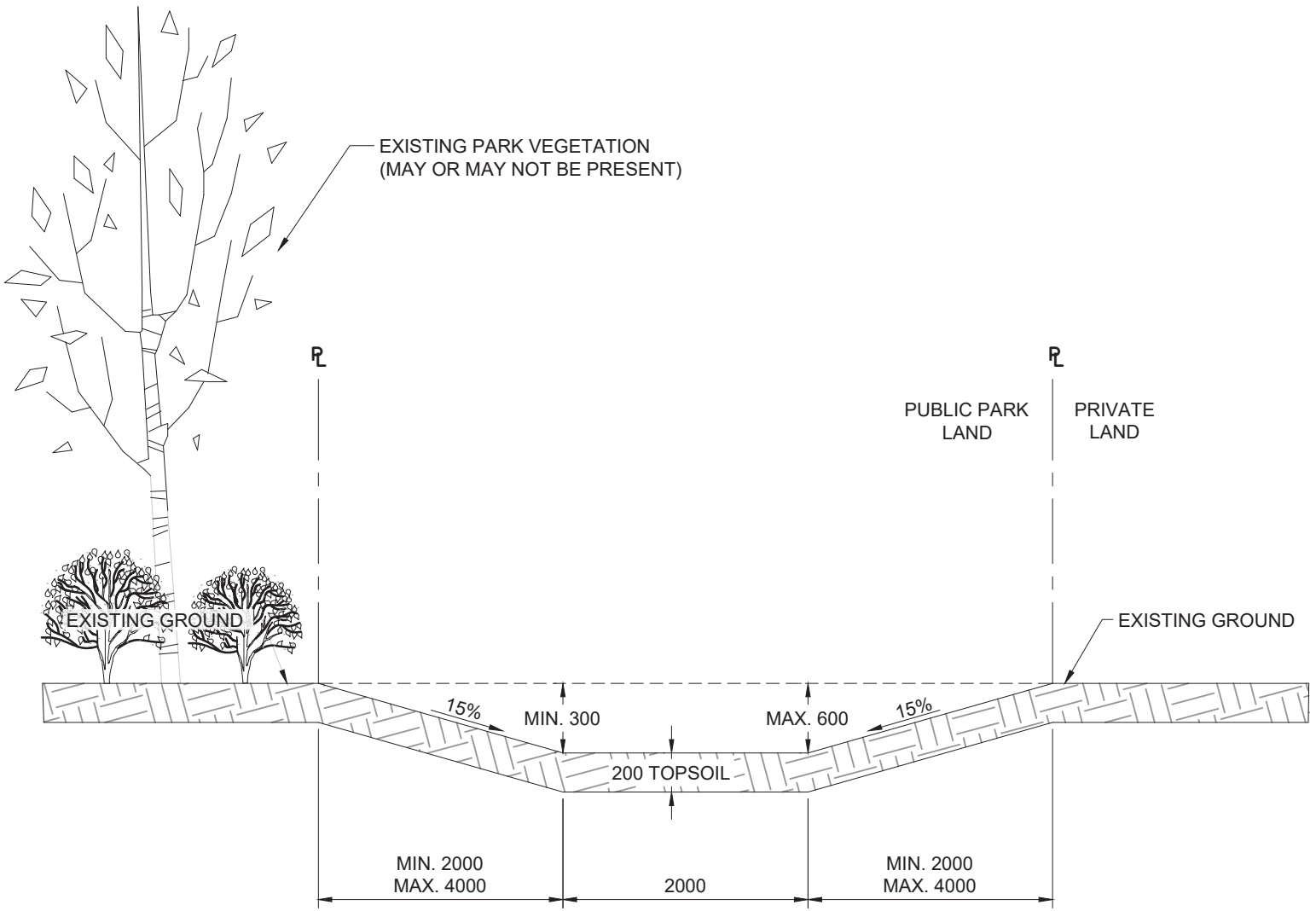
  
 5 ST. ANNE STREET, ST. ALBERT  
 Alberta, T8N 3Z9, CANADA

Park Swale Channel Detail

Planning and Engineering Department

Date: 01/04/13	Scale: N.T.S.
----------------	---------------

Drawing  
 Number:  
No. 14.18



**NOTES:**

1. ALL DIMENSIONS IN MILLIMETRES.
2. THE MINIMUM ACCEPTABLE LONGITUDINAL SLOPE OF THE PARK SWALE CHANNEL SHALL BE 2%.
3. CHANNEL WIDTH MAY INCREASE BASED UPON EXISTING GROUND TOPOGRAPHY TO A MAXIMUM OF 10,000mm.
4. CHANNEL DEPTH MAY INCREASE BASED UPON EXISTING GROUND TOPOGRAPHY TO A MAXIMUM OF DEPTH OF 600mm.
5. IF A MINIMUM LONGITUDINAL SLOPE OF 2% IS UNACHIEVABLE THEN ALTERNATIVE DESIGN CONSIDERATION, MUST BE IMPLEMENTED.
6. A PRE AND POST CONSTRUCTION INSPECTION OF EXISTING PARK VEGETATION MUST BE CONDUCTED BY A CERTIFIED ARBORIST.

**REVISIONS**

Date	Details
DD/MM/YY	
DD/MM/YY	23/04/2014
DD/MM/YY	Landscaping Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

**Park Swale Channel Detail**

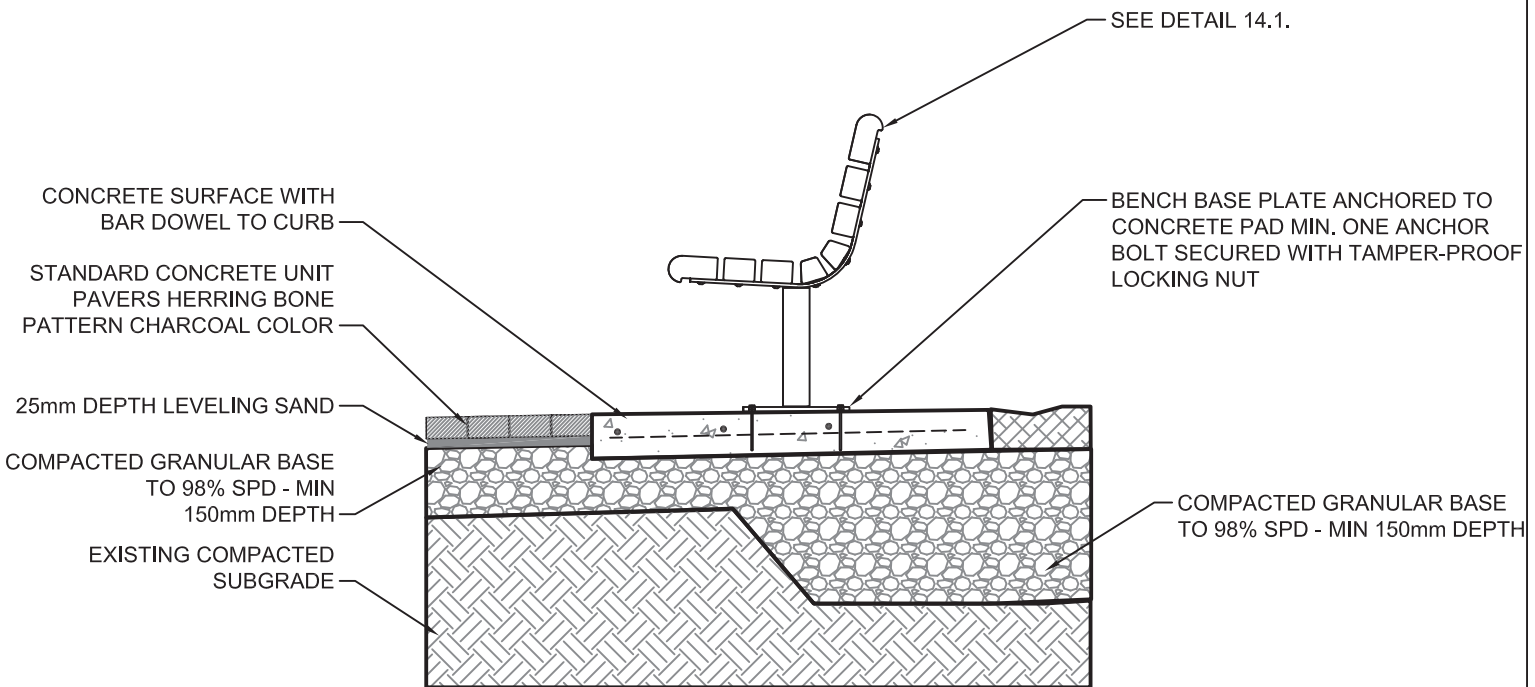
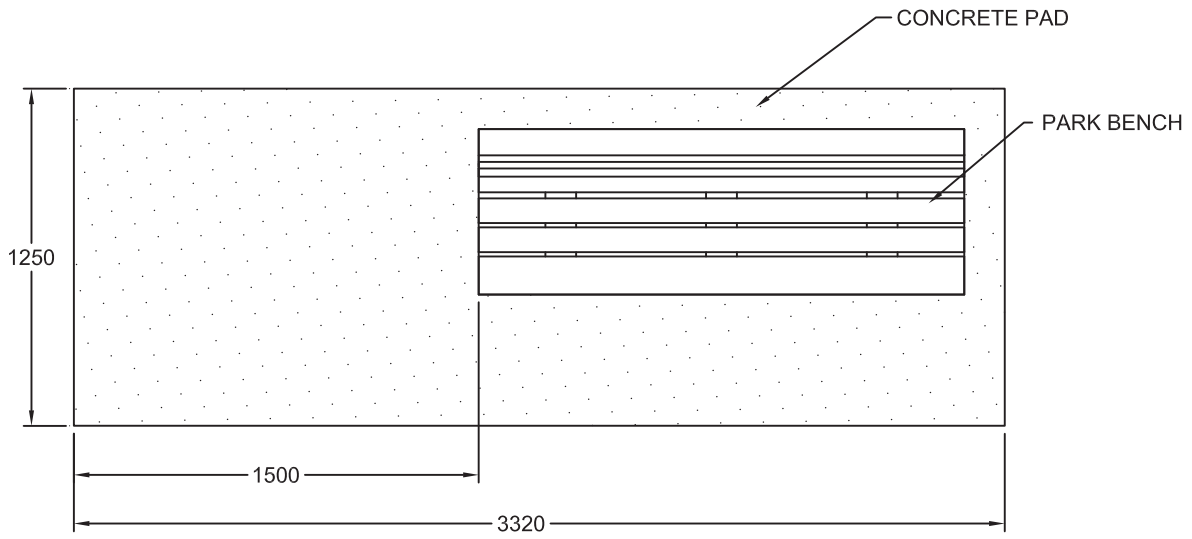
Planning and Engineering Department

Date: 01/04/13

Scale: N.T.S.

Drawing  
Number:

**No. 15.0**



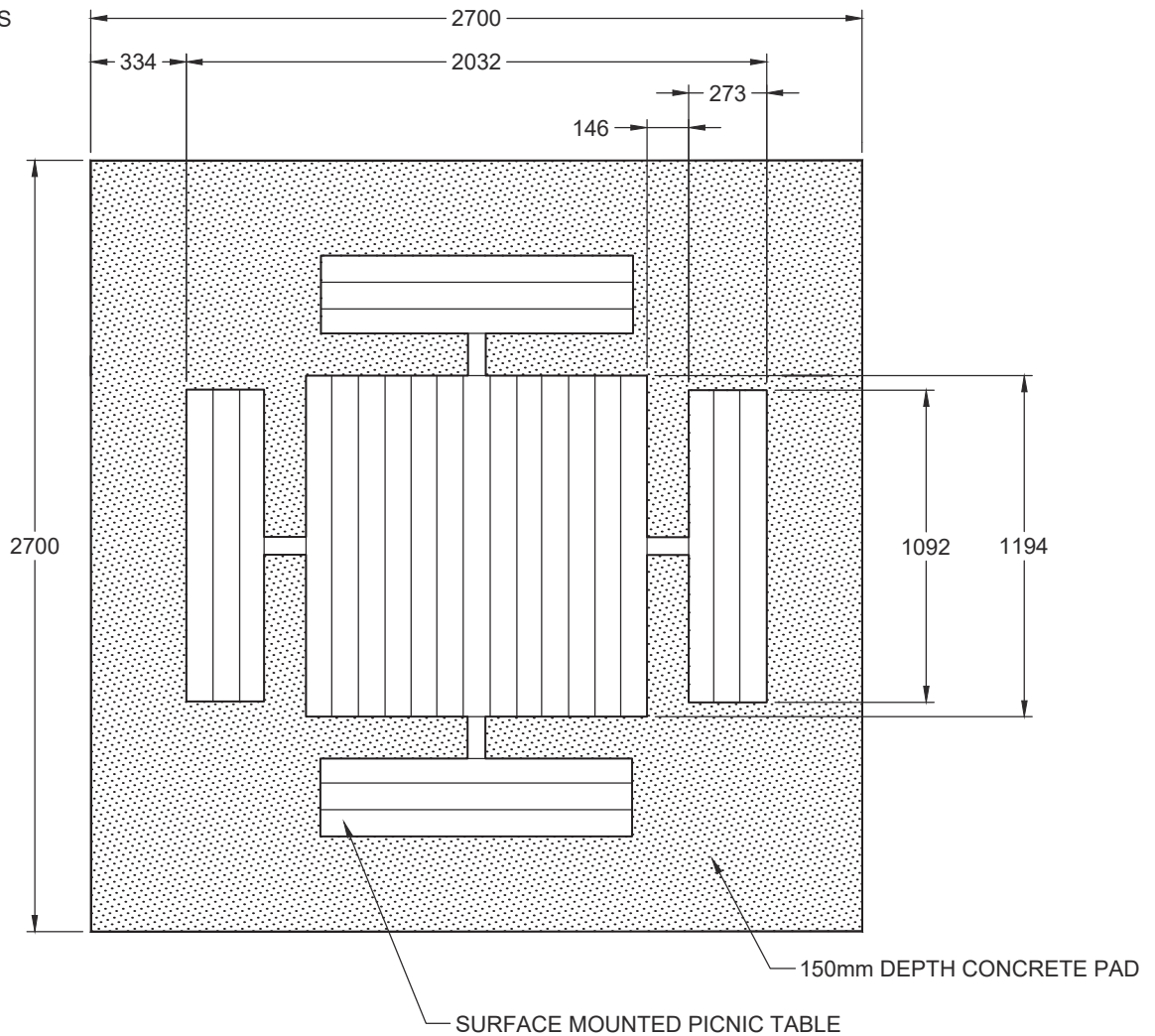
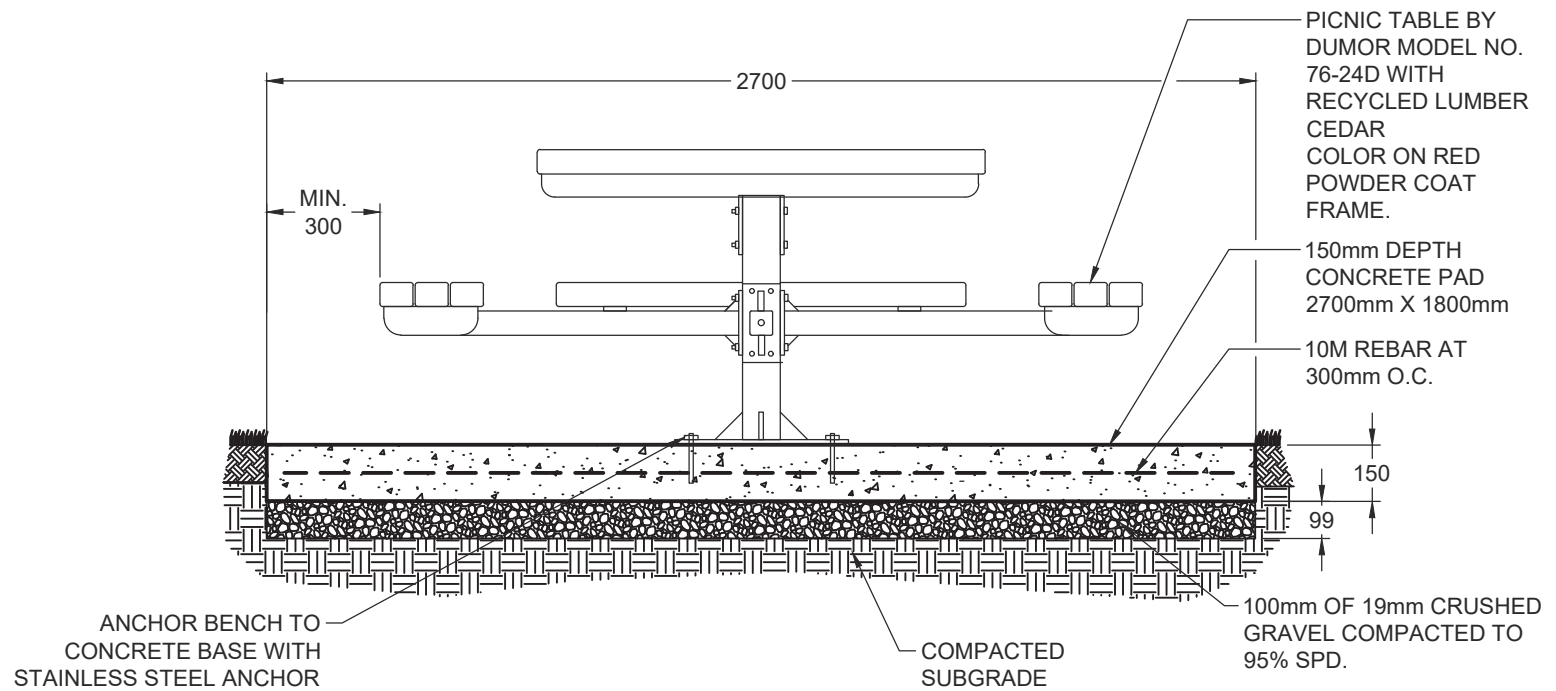
REVISIONS	
Date	Details
YY/MM/DD	
YY/MM/DD	
21/04/12	Municipal Standards Update


  
 5 ST. ANNE STREET, ST. ALBERT  
 Alberta, T8N 3Z9, CANADA

**Typical Bench Installation on  
 Concrete Pad**

Planning & Engineering Department  
 Date: 01/04/14      Scale: N.T.S.

Drawing  
 Number:  
**No. 18.1**



REVISIONS

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

Typical Picnic Table  
With Concrete Pad

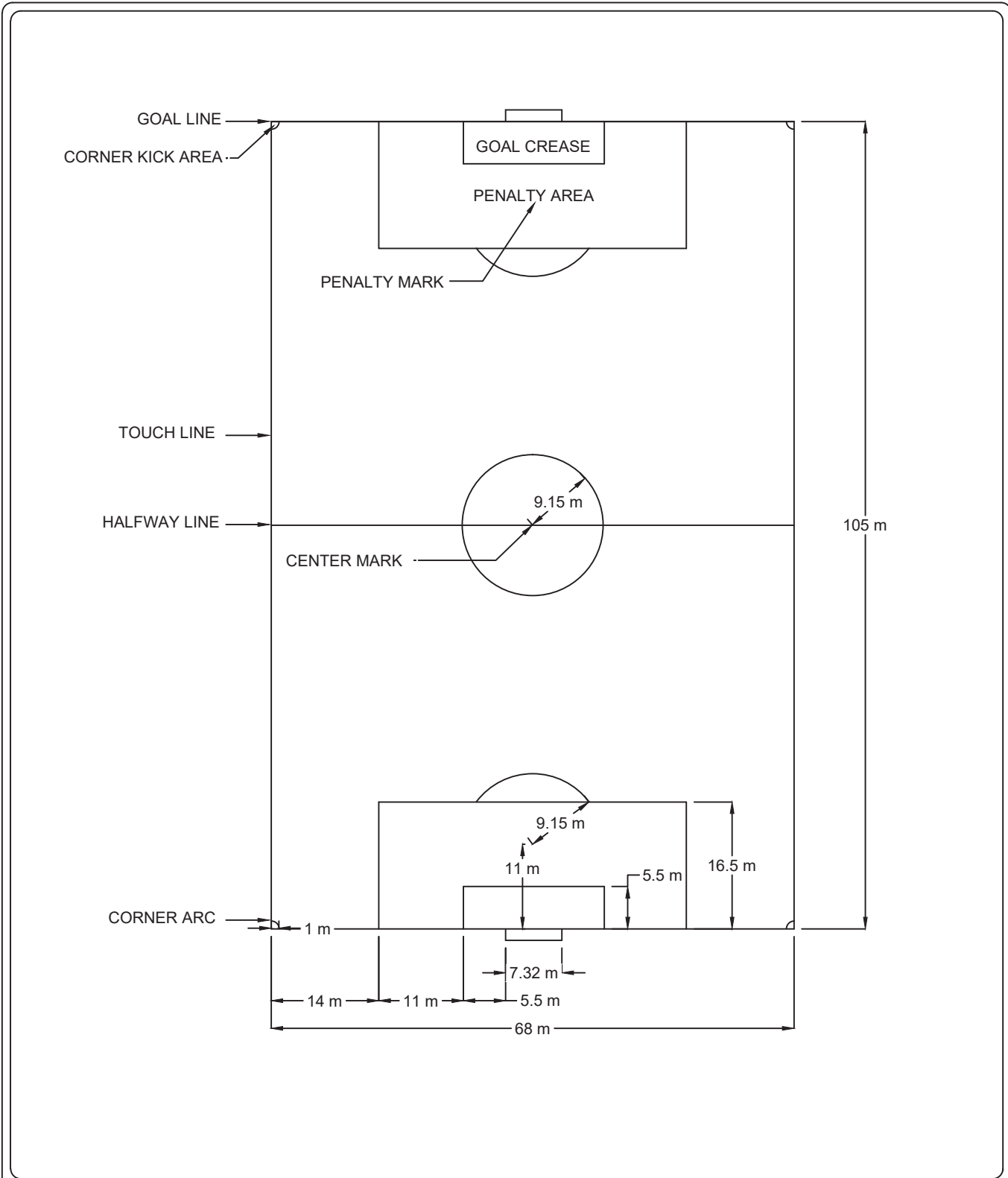
Planning & Engineering Department

Date: 01/04/14


Scale: N.T.S.

Drawing  
Number:

No. 18.2

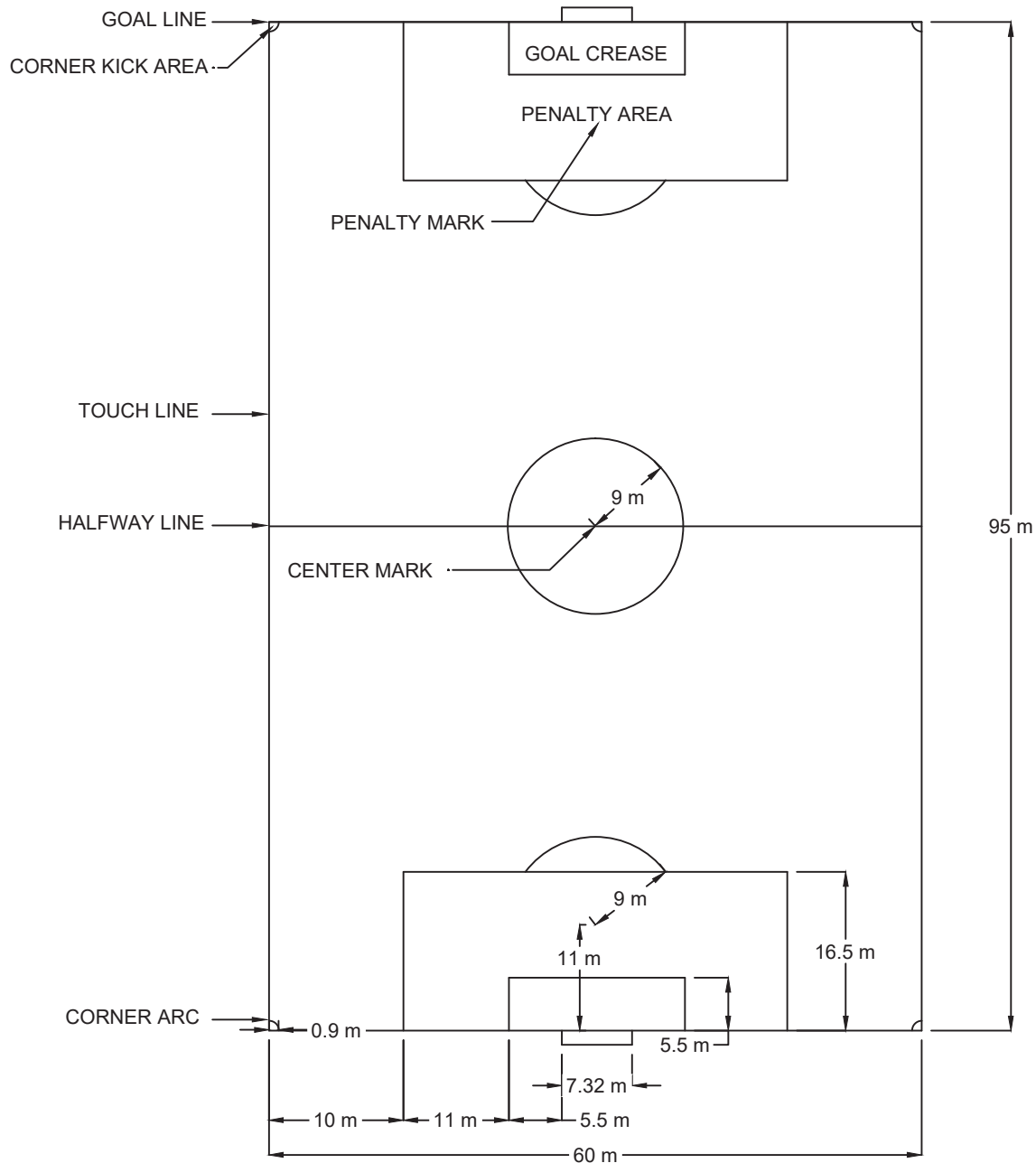


REVISIONS	
Date	Details
DD/MM/YY	
DD/MM/YY	
DD/MM/YY	Engineering Municipal Standards



  
 5 ST. ANNE STREET, ST. ALBERT
   
 Alberta, T8N 3Z9, CANADA

**Full Size Sports Field Layout**
  
 Engineering Department
   
 Date: 12/09/13      Scale: N.T.S.

Drawing Number:
   
**No. 18.3**

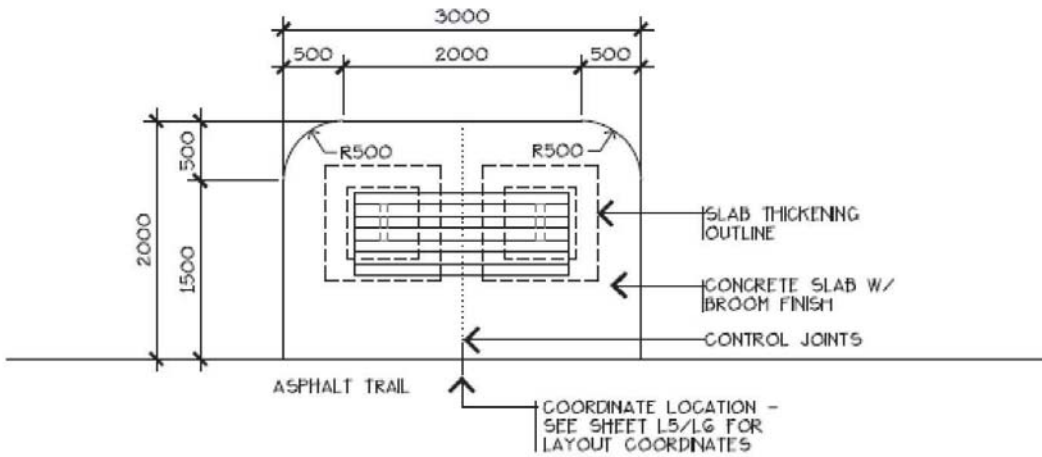


REVISIONS	
Date	Details
DD/MM/YY	
DD/MM/YY	
DD/MM/YY	Engineering Municipal Standards

  
 5 ST. ANNE STREET, ST. ALBERT  
 Alberta, T8N 3Z9, CANADA

**Mid Size Sports  
Field Layout**  
 Engineering Department  
 Date: 12/09/13      Scale: N.T.S.

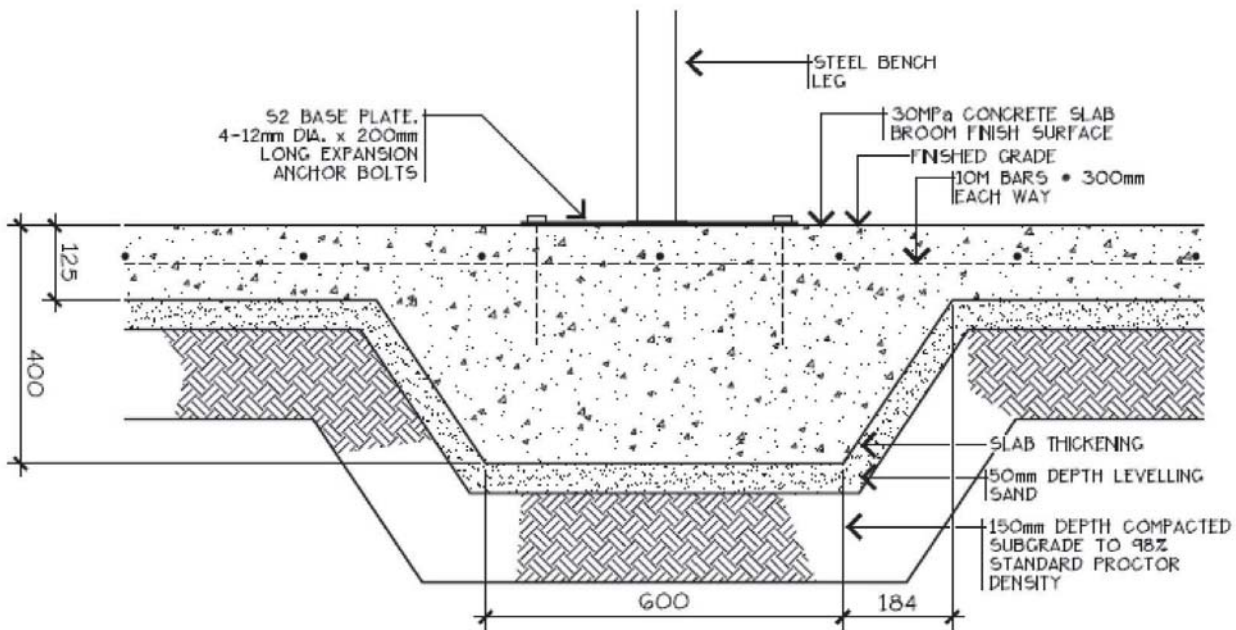
Drawing  
 Number:  
**No. 18.4**



### TYPICAL BENCH AND CONCRETE PAD LAYOUT

SCALE 1:50

SEE SHEET L3 FOR BENCH  
MANUFACTURER AND MODEL



### CONCRETE AND BENCH ANCHORING DETAIL

SCALE 1:10

#### REVISIONS

Date	Details
YY/MM/DD	
YY/MM/DD	
YY/MM/DD	Landscape Municipal Standards



5 ST. ANNE STREET, ST. ALBERT  
Alberta, T8N 3Z9, CANADA

## Typical Bench Adjacent to Asphalt Trail

Planning & Engineering Department

Date: 01/04/14

Scale: N.T.S.

Drawing  
Number:

No. 18.5