

**NOTES:**  
 TREE TO BE SET PLUMB  
 CONTRACTOR SHALL ALLOW FOR SOIL SETTLEMENT.

**PRUNING**  
 PRUNE DEAD, BROKEN DAMAGED  
 AND INTERFERING BRANCHES

**STAKES AND GUYS**  
 2-50mm SQUARE WOODEN STAKES, OR  
 40mm DIAMETER METAL PIPE OR T-BAR  
 ROD DRILLED TO RECEIVE WIRE. ATTACH  
 TREE GUY BELOW BRANCHES. STAKES TO  
 CLEAR ROOTBALL. LOOP REINFORCED  
 RUBBER HOSE (SEE DETAIL) AROUND  
 STRONG STRUCTURE OF TREE.

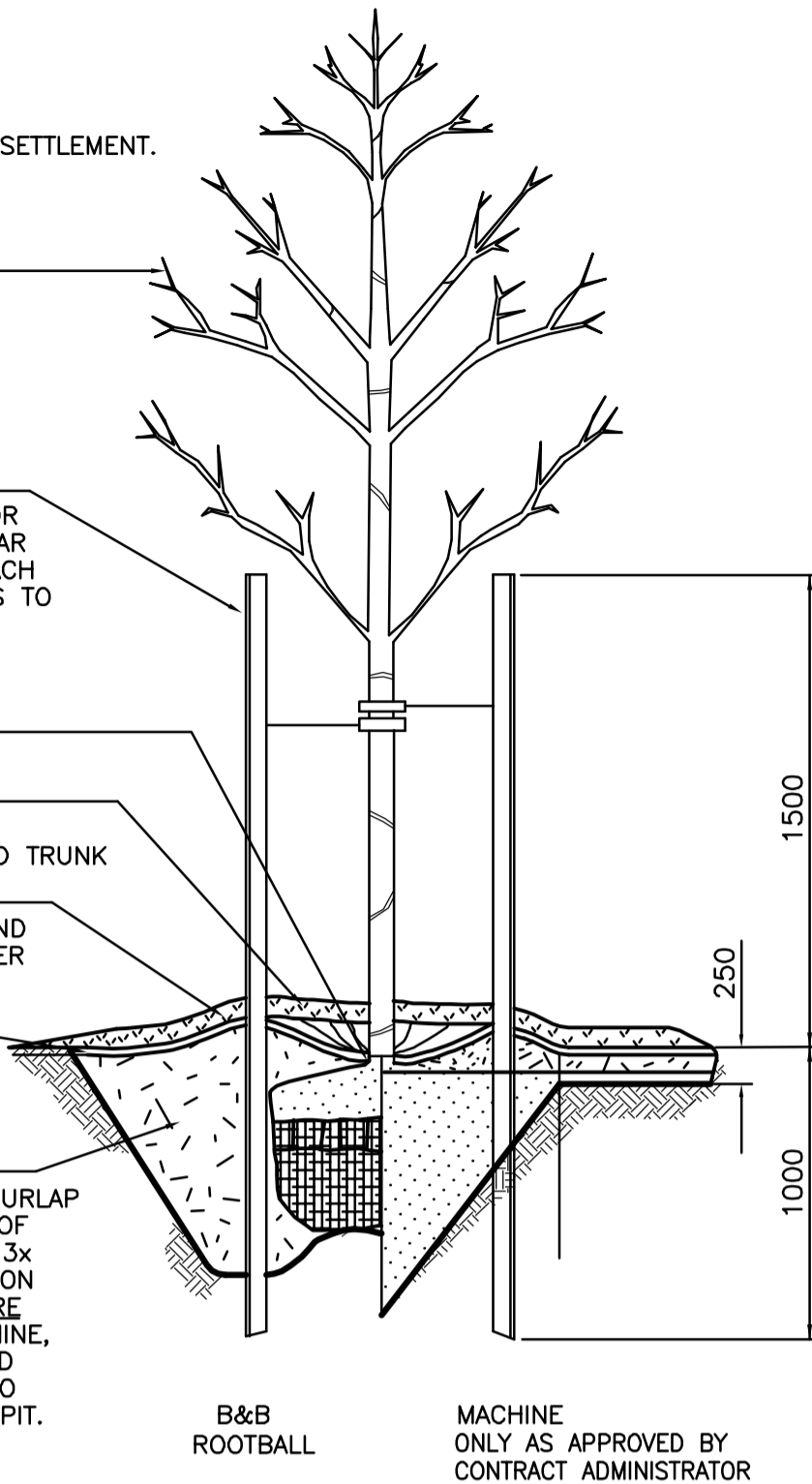
SET TOP OF ROOTBALL LEVEL WITH  
 SURROUNDING GRADE

**MULCH**  
 INSTALL 50mm OF WOODCHIP MULCH.  
 REMOVE MULCH 15 TO 20mm AROUND TRUNK

**WATER**  
 SAUCER SHALL BE LIGHTLY TAMPED AND  
 SOAKED WITH WATER IMMEDIATELY AFTER  
 PLANTING TO ELIMINATE AIR POCKETS

**FERTILIZER**  
 FERTILIZE WITH SLOW RELEASE  
 FERTILIZER ACCORDING TO SOIL  
 ANALYSIS RECOMMENDATIONS

**PLANTING PIT**  
 REMOVE ALL ROPE, WIRE, FIBRE OR BURLAP  
 FROM AROUND TRUNK AND TOP 1/3 OF  
 ROOTBALL. TREE PIT SHALL BE DUG 3x  
 DIAMETER OF ROOTBALL. REST BALL ON  
 UNDISTURBED SOIL. WHERE TREES ARE  
 PERMITTED TO BE INSTALLED BY MACHINE,  
 WIDEN TOP OF TREE PIT BY HAND AND  
 INSTALL TOPSOIL AROUND ROOTBALL TO  
 OBTAIN REQUIRED DIAMETER OF TREE PIT.



**TREE PLANTING DETAIL – DECIDUOUS**

N.T.S.

**NOTES:**  
 TREE TO BE SET PLUMB  
 CONTRACTOR SHALL ALLOW FOR SOIL SETTLEMENT.

REINFORCED RUBBER HOSE – LOOP AROUND  
 STRONG STRUCTURE OF TREE

9 GAUGE STRANDED PLIABLE WIRE

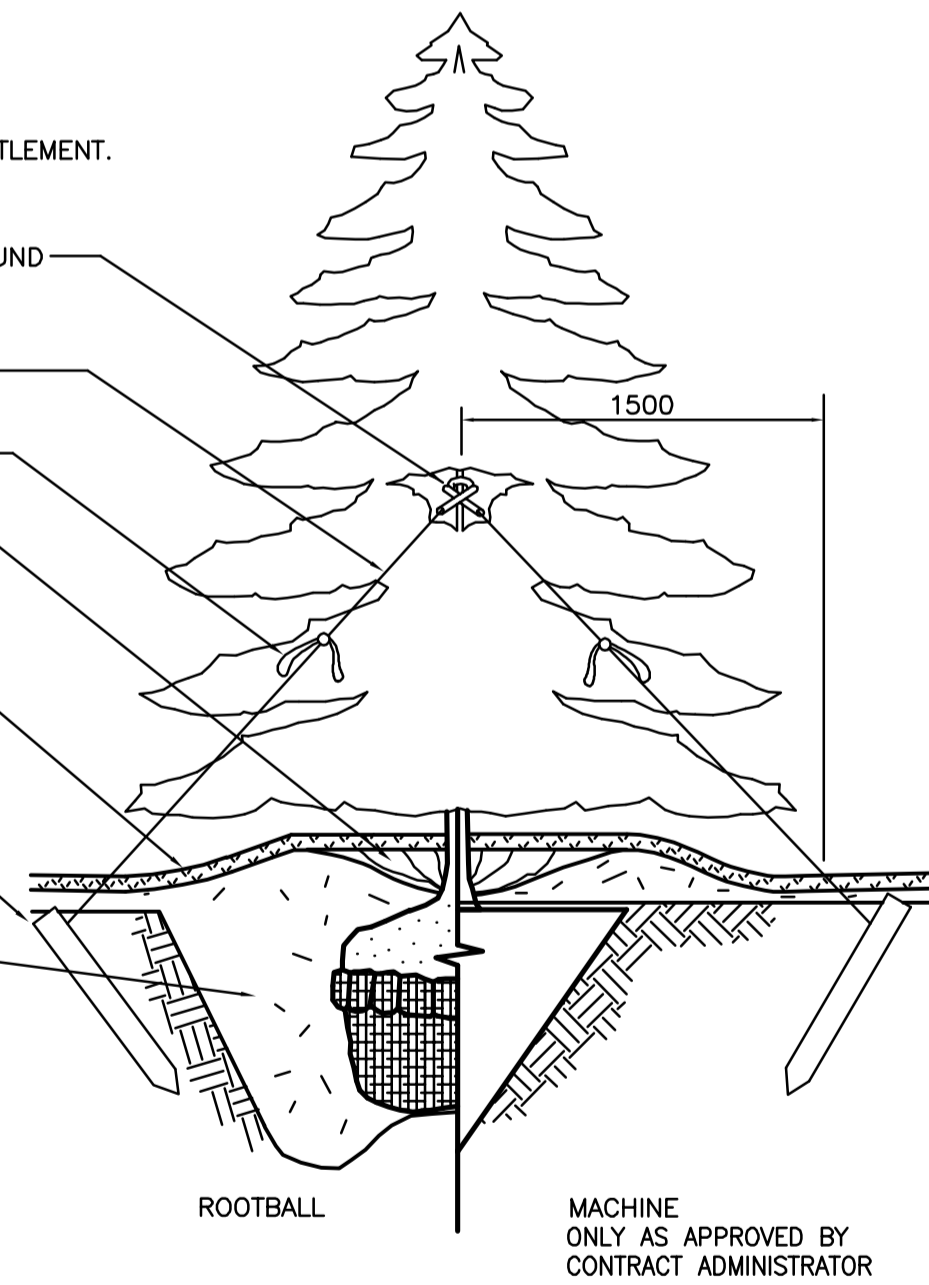
ORANGE PLASTIC WARNING FLAG

**WATERING**  
 SAUCER SHALL BE LIGHTLY TAMPED AND  
 SOAKED WITH WATER IMMEDIATELY AFTER  
 PLANTING TO ELIMINATE AIR POCKETS

**MULCH**  
 INSTALL 50mm OF WOODCHIP MULCH,  
 REMOVE MULCH 150 TO 20mm  
 AROUND TRUNK

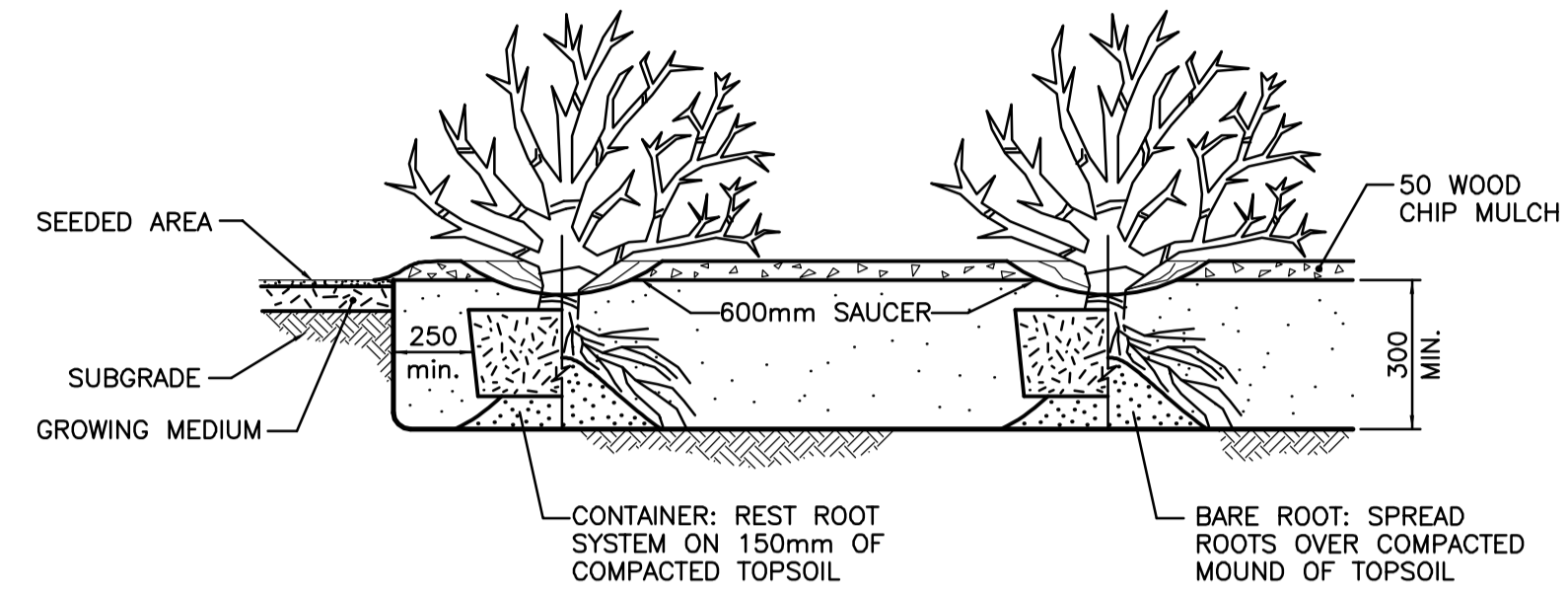
**ANCHORS**  
 38 x 89 x 750 WOOD STAKE SET  
 MIN. 50 BELOW FINISHED GRADE

**PLANTING PIT**  
 REMOVE ALL ROPE, WIRE, FIBRE OR  
 BURLAP FROM AROUND TRUNK AND TOP  
 1/3 OF ROOTBALL. TREE PIT SHALL BE  
 DUG 3x DIAMETER OF ROOTBALL. REST  
 BALL ON UNDISTURBED SOIL.



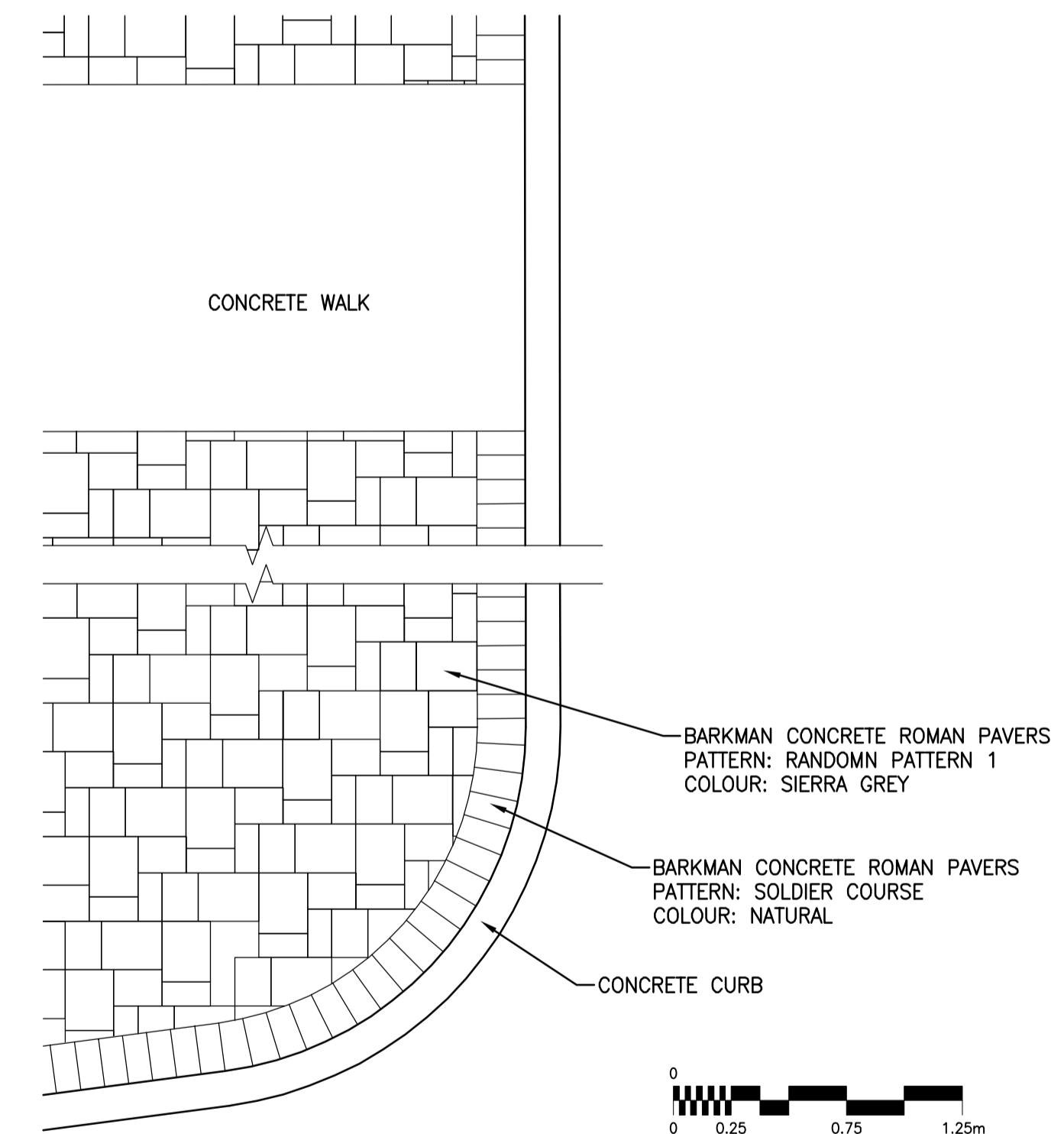
**TREE PLANTING DETAIL – CONIFEROUS**

N.T.S.



**TYPICAL SHRUB PLANTING DETAIL**

N.T.S.



**PAVING PATTERN DETAIL**

**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMALIZED NUMBERS INDICATE METRES

**WARNING**

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED  
 FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR  
 MUST:  
 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION  
 OF EXCAVATION.  
 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY  
 INSTALLATIONS.  
 SEE PROVINCIAL REGULATION 140/92 FOR DETAILS

**LOCATION APPROVED  
 UNDERGROUND STRUCTURES**

SUPV. U/G STRUCTURES COMMITTEE DATE

**NOTE:**  
 LOCATION OF UNDERGROUND STRUCTURES AS  
 SHOWN ARE BASED ON THE BEST INFORMATION  
 AVAILABLE BUT NO GUARANTEE IS GIVEN  
 THAT ALL EXISTING UTILITIES ARE SHOWN OR  
 THAT THE GIVEN LOCATIONS ARE EXACT.  
 CONFIRMATION OF EXISTENCE AND EXACT  
 LOCATION OF ALL SERVICES MUST BE  
 OBTAINED FROM THE INDIVIDUAL UTILITIES  
 BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	REVISIONS	DATE	BY
1	ISSUED FOR TENDER	05/03/20	LJV
0	ISSUED FOR CLIENT REVIEW	05/02/20	LJV

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DESIGNED BY: DH	CHECKED BY: DH
DRAWN BY: LJV	APPROVED BY:
HOR. SCALE: AS NOTED	AUTHORIZED BY: DATE
VERTICAL:	Randy Fingas 05/03/24
DATE 05/03/21	R. FINGAS P.ENG. BRIDGE PROJECTS ENGINEER

ENGINEER'S SEAL  
 Original Signed By:  
 Don Hester  
 Mar 23/05  
 CONSULTANT DRAWING NO.  
 I13703042-L07

**THE CITY OF WINNIPEG**  
 PUBLIC WORKS DEPARTMENT  
**Winnipeg** ENGINEERING DIVISION

**KENASTON UNDERPASS PROJECT**  
 STERLING LYON PARKWAY (EAST)

PLANTING AND PAVING DETAILS

SHEET 60 OF 60  
 CAD FILE DRAWING NUMBER  
 02-L-1007\_RX  
 CITY DRAWING NUMBER  
 P-3258-38

**APECM**  
 Certificate of Authorization  
 UMA Engineering Ltd.  
 No. 256 Expiry: April 30, 2005

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 2004 December 07, 3:05 P.M.