

GRANULAR PATH TYP.

L304

TREE TO BE SET PLUMB IN-- METAL "T" STAKE ON TWO SIDES AND CENTRE OF TREE PIT. TREE ARBORTILE® (WHERE REQUIRED, ADJUST SHOULD BE PLANTED NO DEEPER LOCATION WITH PREVAILING WINDS) THAN IT WAS GROWING IN THE CONTAINER OR FIELD TREE GUARD: 100mm DIA. x 600mm LENGTH WEEPING TILE MATERIAL SLICED AND WRAPPED AROUND BASE OF TREE -100mm DEPTH WOOD CHIP MULCH. MULCH RING: MIN. 1500mm DIA. MULCH MUST NOT BE PLACED WITHIN 75mm (3") OF TREE TRUNK. ROOT FLARE SHOULD BE -DO NOT PILE MULCH UP AGAINST TRUNK SLIGHTLY ABOVE FINISH GRADE BERM OF TOPSOIL MIX FORMING WATER OF SOIL. REMOVE EXCESS SOIL FROM TOP OF ROOT BALL. DO NOT DISH AROUND THE OUTSIDE EDGE OF ROOTBALL. FLATTEN AT END OF COVER THE TOP OF THE ROOT MAINTENANCE PERIOD BALL WITH SOIL SCARIFY SIDES OF TREE PIT TO 150mm DEPTH - FINISHED GRADE, CONDITIONS VARY PLANTING HOLE SHOULD BE -- CUT WIRE BASKET, BEND BACK TOP LOOPS NO DEEPER THAN THE AND REMOVE BURLAP FROM THE TOP 1/3 OF ROOT BALL OF THE TREE. ROOTBALL. REMOVE ALL TWINE, ROPE, WIRE SIDE SHOULD SLOPING TO AND ANY NON BIODEGRADABLE MATERIAL APPROXIMATE WIDTH OF ROOTBALL AT BASE TAMPED TOPSOIL MIX TO MEET SPECIFICATIONS UNDISTURBED SOIL OR COMPACTED CLEAN EARTH FILL SUITABLE FOR TREE GROWTH TREE PIT: 2X DIA. OF ROOTBALL

TREE PLANTING DETAIL

EXTENT OF ROOF –

TREE PLANTING NOTES: LAYOUT OF PLANT MATERIAL TO BE APPROVED BY L.A. PRIOR TO INSTALLATION. 2. PIT TO BE DUG WITH BACK HOE NOT TREE SPADE. CONTRACTOR TO ENSURE 'T'-BARS DO NOT PENETRATE ROOT BALL. SECURE 'T'-BARS TO TREE @ APPROX. 2/3 TOTAL TREE HEIGHT ABOVE FIN. GRADE. TREE SHALL BE PRUNED IMMEDIATELY AFTER PLANTING TO REMOVE DEAD, BROKEN, DISEASED, DYING OR RUBBING BRANCHES.

CO-DOMINANT STEMS LESS THAN 100mm (4") DIA. AT THE FORKS SHALL BE PRUNED OFF AND ONE MAIN STEM SHOULD REMAIN. TREE TOPPING OR HEADING IS NOT PERMITTED AT ANY STAKES & TIES TO BE REMOVED BY

CONTRACTOR AT END OF MAINTENANCE PERIOD AND UPON ACCEPTANCE BY L.A. WOOD CHIP MULCH TO BE REMOVED AND DISPOSED OF WHEN NATIVE SEEDING OCCURS. ARBORTILE®: DEEP ROOT CANADA CORP.

TEL: 604-687-0899 TOLL FREE: 800-561-3883 WEBSITE: http://www.deeproot.com EMAIL: mjames@deeproot.com ALSO REFER TO CITY OF WINNIPEG TREE PLANTING AND MAINTENANCE SPECIFICATION.

- MINIMUM PROTECTION DISTANCE BASED ON THE TRUNK DIAMETER. TRUNK DIAMETER -SEE THE TABLE BELOW TREE PROTECTION BARRIER, 1.2 M

HIGH ORANGE PLASTIC WEB SNOW FENCING ON 2"X4" FRAME OR AS DIRECTED BY THE C.A.

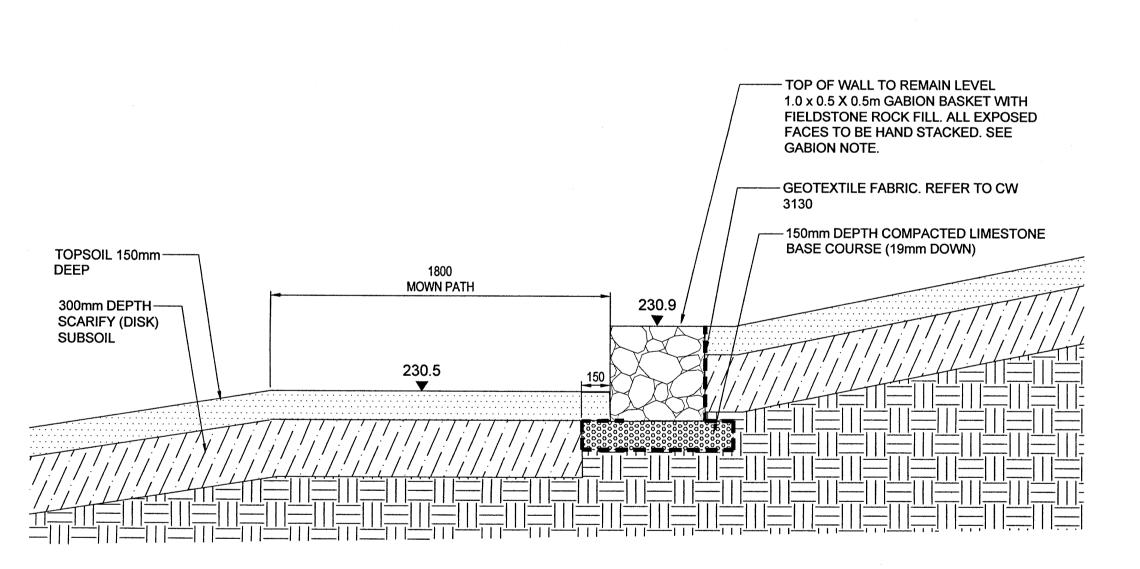
TREE PROTECTION L304 1:50

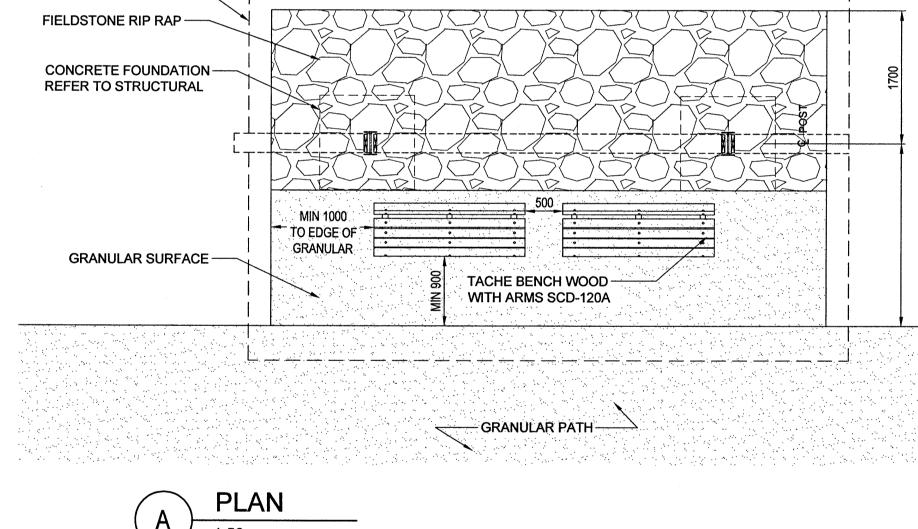


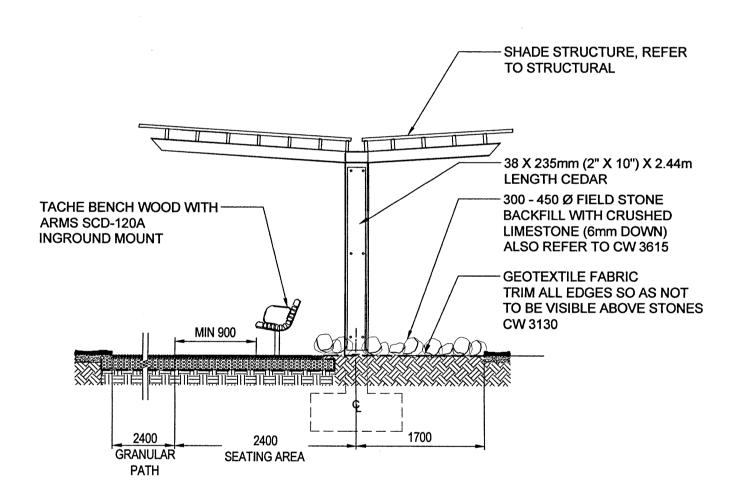
 Trunk diameter is measured at breast height at 1.4 metres above ground • Tree protection zone distances are to be measured from the outside edge of the tree base towards the drip line.

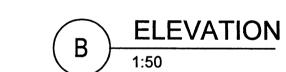
NOTE:

- Strap mature tree trunks with 25 x 150 x 2400mm wood planks. Smaller trees shall be similarly protected using appropriate sized
- Do not stockpile materials and soil or park vehicles and equipment on boulevards within 2 metres of trees.
- Excavations shall be carried out in a manner to minimize damage to existing root system. Where roots must be cut to facilitate an excavation they shall be neatly pruned at the face of the excavation.
- Work on site shall be carried out in a manner to minimize damage to existing tree branches. Where damage to tree branches does occur, the contractor shall neatly prune the damaged branch.









MID-BANK MOWN PATH RETENTION WALL DETAIL L304 1:20

GABION NOTE:

- ALL MATERIALS AND CONSTRUCTION METHODS FOR THE SUPPLY AND INSTALLATION OF THE GABIONS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. AND AS ACCEPTED BY THE CONTRACT ADMINISTRATOR.

- THE GABION BASKETS SHALL BE MACCAFERRI OR APPROVED EQUAL -SAMPLE TO BE APPROVED BY CONTRACT ADMINISTRATOR.

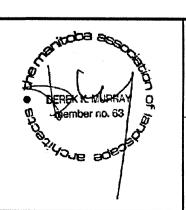
- ROCK FILL MATERIAL TO BE FIELDSTONE BOULDERS. - SIZE OF EXPOSED ROCK FILL TO MEET MANUFACTURER RECOMMENDATION WITH EQUAL DISTRIBUTION OF 100MM - 200MM DIAMETER ROCKS, ROCKS NOT TO EXCEED 200MM

- CONTRACTOR IS TO SUPPLY SAMPLE OF EXPOSED ROCK FILL FOR APPROVAL PRIOR TO DELIVERY ON SITE.

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		GRANULAR PATH		
A PL	AN			
			5	SHADE CANC
			L304	AS SHOWN

150_WM	WATER MAIN	<u>150 WM</u>		HYDRO		150_WM	WATER MAIN	150 WM
	HYDRANT	+		M.T.S.		_±_,_X_	HYDRANT, VALVE	
⊗	VALVE	⊗		CONCRETE		300 LDS	LAND DRAINAGE SEWER	300 LDS
300 LDS	LAND DRAINAGE SEWER	300 LDS		ASPHALT	***************************************	250 WWS	WASTE WATER SEWER	250 WWS
250_WWS	WASTE WATER SEWER	_250_WWS		SIDEWALK		×	CENTRELINE	
0	MANHOLE	•		PLANING	7///	<u> </u>	NORTH/WEST GUTTER	
	CATCH BASIN			PROPERTY LINE		0	SOUTH/EAST GUTTER	
∇	CURB INLET	▼	+	SURVEY BAR		♦,0	N/W , S/E R'S	
H	BEND	\vdash		GAS				
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EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED

LOCATION APPROVED UNDERGROUND STRUCTURES		B.M ELE	V. – –			CUATI	ICC + MI	LLER + MURRA	V
	SUPV. U/G STRUCTURES DATE							esign + landscapes	l I
	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				····	DESIGNED BY	B / CP	CHECKED DM	
						DRAWN BY M	B / WF	APPROVED BY DM	
		0			······································	HOR. SCALE:	S NOTED	RELEASED FOR CONSTRUCTION:	
4	OBTAINED FROM THE INDIVIDUAL UTILITIES		ISSUED FOR CONSTRUCTION	17/07/12	DM	VENTIONE.			
BEFORE PROCEEDING WITH CONSTRUCTION.		NO.	REVISIONS	DATE	BY	DATE 10	5/06/10	DATE	



CONSULTANT DRAWING NO.



THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

COCKBURN/CALROSSIE COMBINED SEWÉR RELIEF WORI STORMWATER RETENTION BASIN

LANDSCAPE DETAILS

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	CITY DRAWING NUMBER
	LD-8237