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SEAL:

TREE MANAGEMENT PLAN UPDATE

**NEW SITE PLAN** 

TREE MANAGEMENT PLAN UPDATED

ISSUED FOR DP

**NEW SITE PLAN** 

REVISION DESCRIPTION

 $BOH\Lambda N$ PROPERTIES

PROJECT:

19.JUN.21

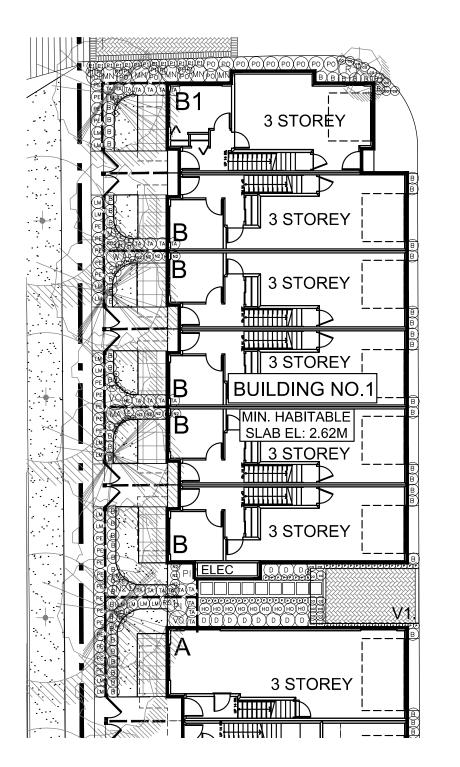
#### **TOWNHOUSE DEVELOPMENT**

10140, 10160, 10180 NO. 1 ROAD AND 4051, 4068 CAVENDISH DRIVE RICHMOND, BC

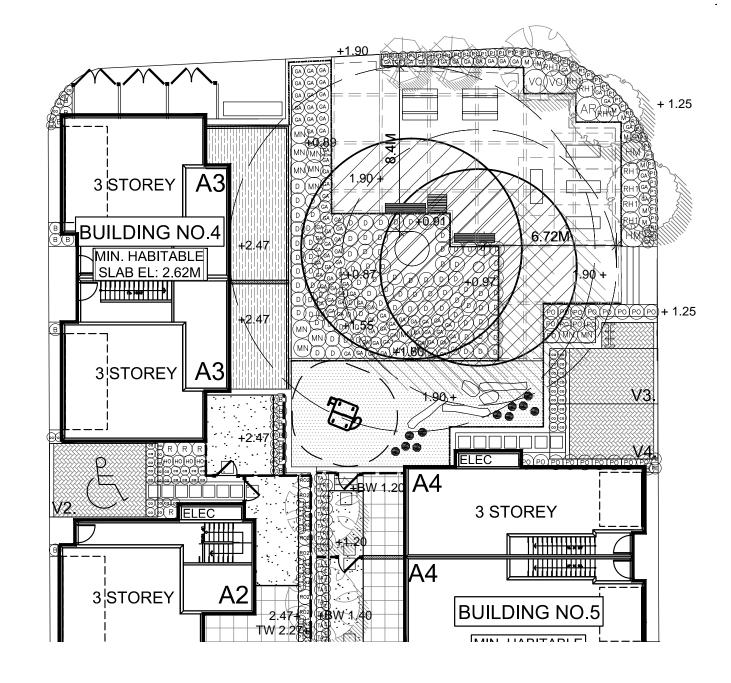
DRAWING TITLE:

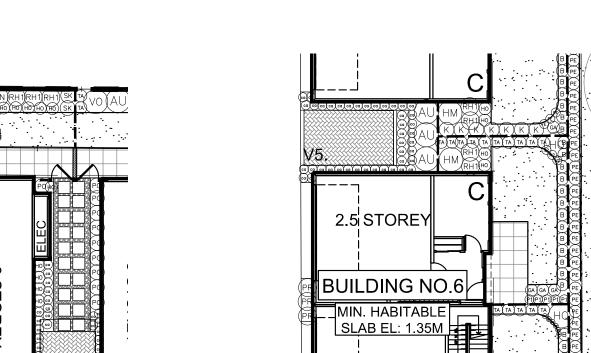
## **LANDSCAPE PLAN**

DATE:	19.JAN.31	DRAWING NUMBER:
SCALE:	1/16"=1'-0"	
DRAWN:	RJ	L1
DESIGN:	RJ	
CHK'D:	PCM	OF 8



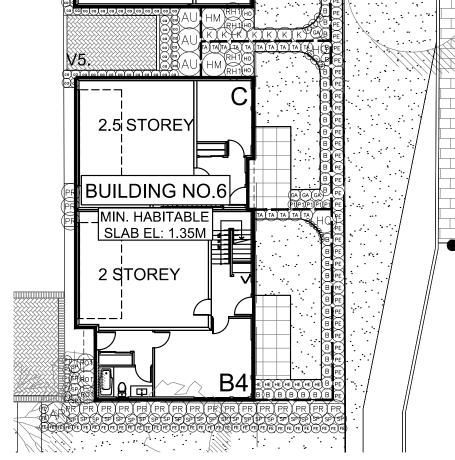




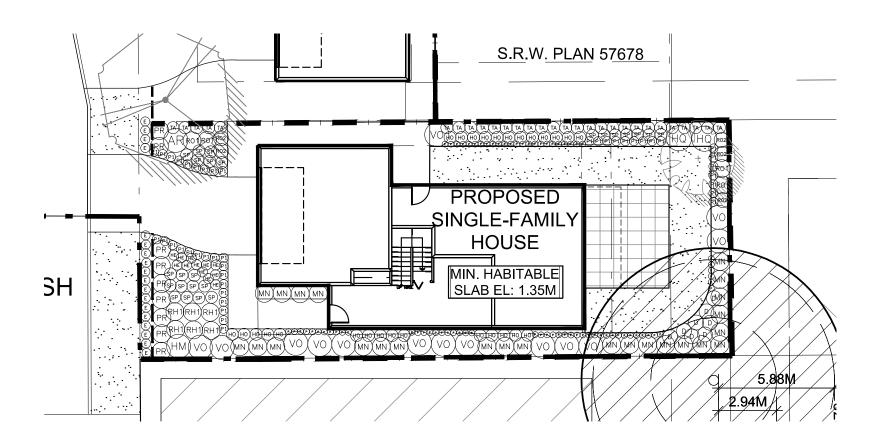


SHRUB PLAN ENLARGEMENT 2





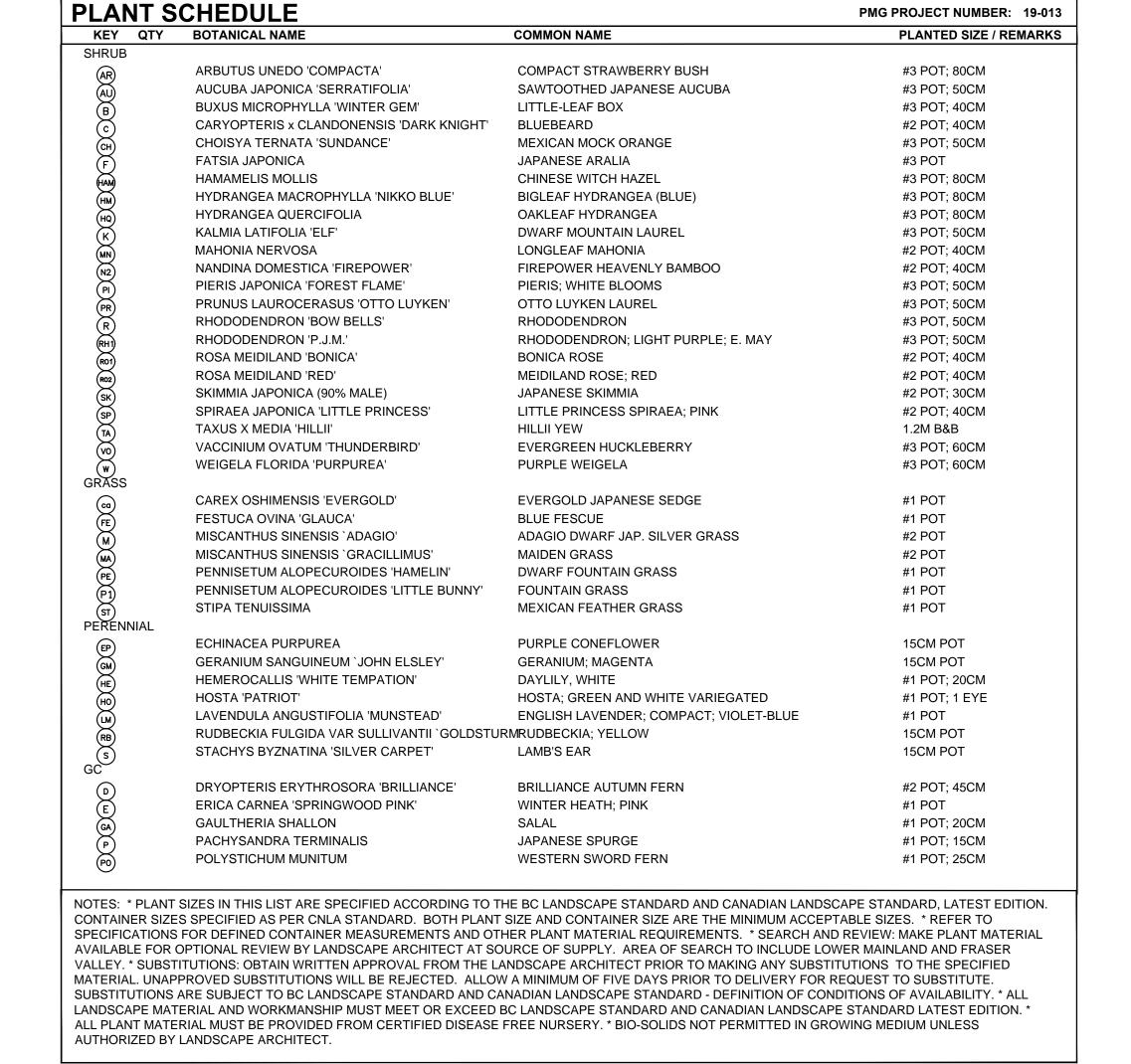
4	SHRUB PLAN ENLARGEMENT 4
	1/16"=1'-0"

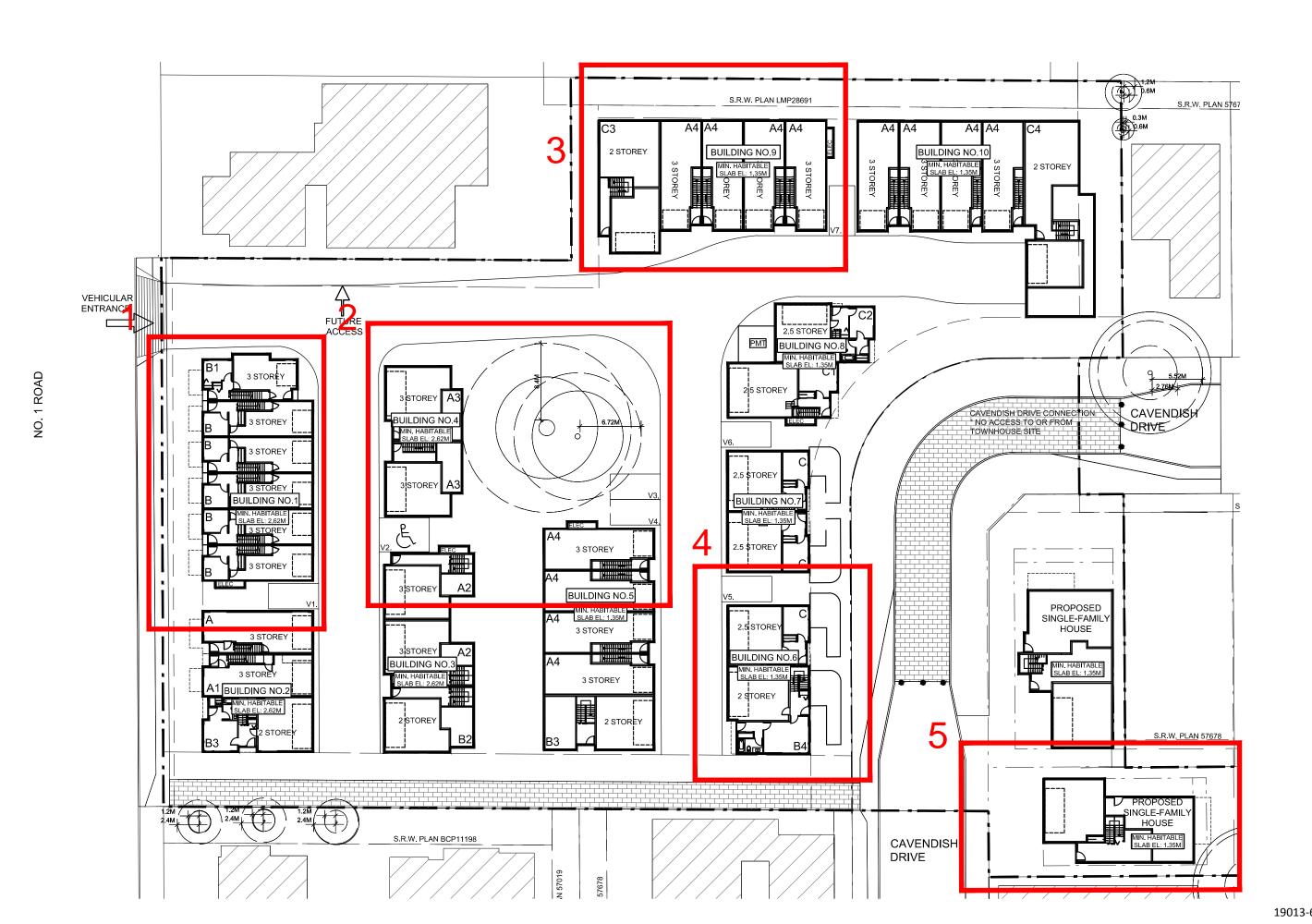


SRW PLAN LMP2869

BUILDING NO.9

**SHRUB PLAN ENLARGEMENT 5** 





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SEAL:

1 19.APR.26	NEW SITE PLAN	RJ
NO. DATE	REVISION DESCRIPTION	DR.
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TOWN	HOUSE DEVELOP	MEN
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=	0160, 10180 NO. 1 RO <i>l</i> 1, 4068 CAVENDISH DI	
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DRAWING TI	TLE:	
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<b>ENLA</b>	RGEMENT	

19.JUN.21

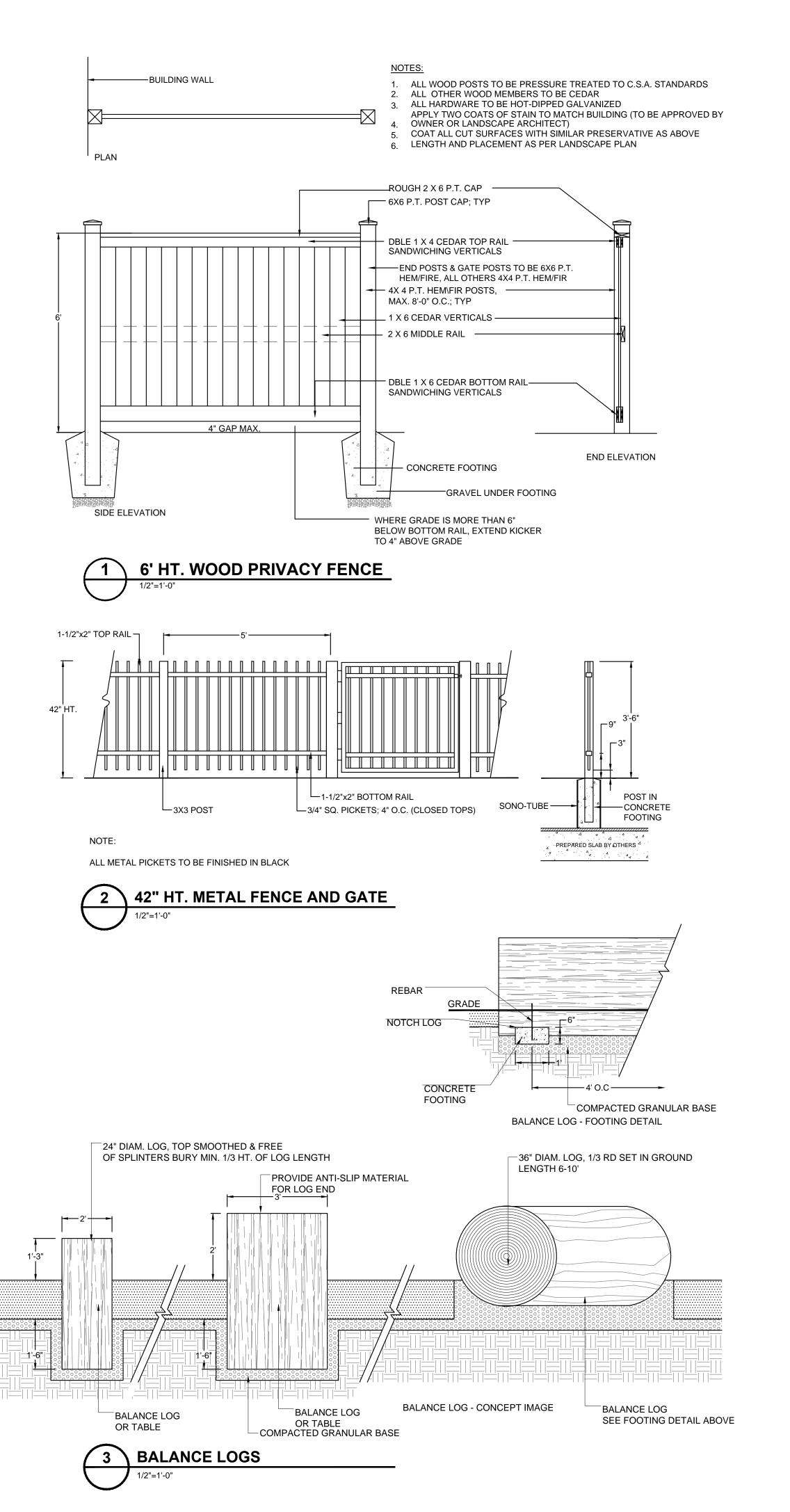
TREE MANAGEMENT PLAN UPDATE

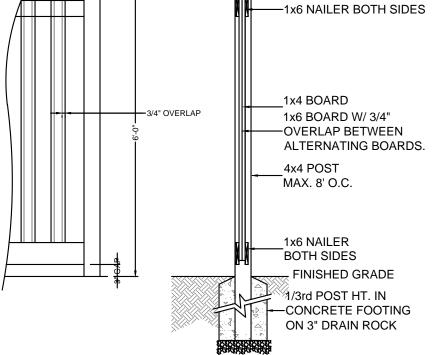
NEW SITE PLAN TREE MANAGEMENT PLAN UPDATED

DRAWING NUMBER: 19.JAN.31 SCALE: 1/16"=1'-0" DRAWN: DESIGN: CHK'D:

19-013

19013-6 PMG PROJECT NUMBER:





\_2x6 CAP WITH

3/4" CHAMFER EDGES

1/3rd POST HT. IN
CONCRETE FOOTING

EX. TREE CONCRETE PLINTH INSTALLED ABOVE THE EXISTING GRADE

2X6" DECKING SECURED TO BEAMS, 5' WIDTH, TYP.

<sup>—</sup>2X6" BEAM, TYP.

6X6" POST, TYP

1. ALL POSTS PRESSURE TREATED TO CSA STANDARD AND END CUTS TREATED WITH PRESERVITIVE.

2. ALL OTHER MEMBERS TO BE CEDAR. #2 (CONSTRUCTION) GRADE MINIMUM. 3. ALL HARDWARE HOT DIPPED GALVANIZED.

APPLY 2 COATS EXTERIOR STAIN TO MANUFACTURERS SPECIFICATION. FINISH SELECTION AS APPROVED BY PROJECT ARCHITECT.

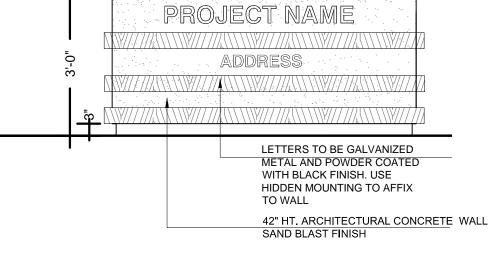
ALL FENCES TO BE LEVEL. CHANGES IN GRADE TO BE IN 12"-18" STEPS (MAX.). GAPS TO GRADE TO FOLLOW FINISH GRADE. GAP TO BE 3-6".

POST

DECK UDER THE EXISTING TREE

**DECK** 

6' HEIGHT SOLID WOOD FENCE





EX. GRADE



WISHBONE BAYVIEW BENCH



WISHBONE BAYVIEW TABLE



WISHBONE BAYVIEW PICNIC TABLE BVPT-6



KOMPAN M7000P RED HOUSE

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SEAL:



TREE MANAGEMENT PLAN UPDATED 19.JUN.21 NEW SITE PLAN TREE MANAGEMENT PLAN UPDATED NEW SITE PLAN REVISION DESCRIPTION

CLIENT:

# $BOH\Lambda N$ PROPERTIES

PROJECT:

#### **TOWNHOUSE DEVELOPMENT**

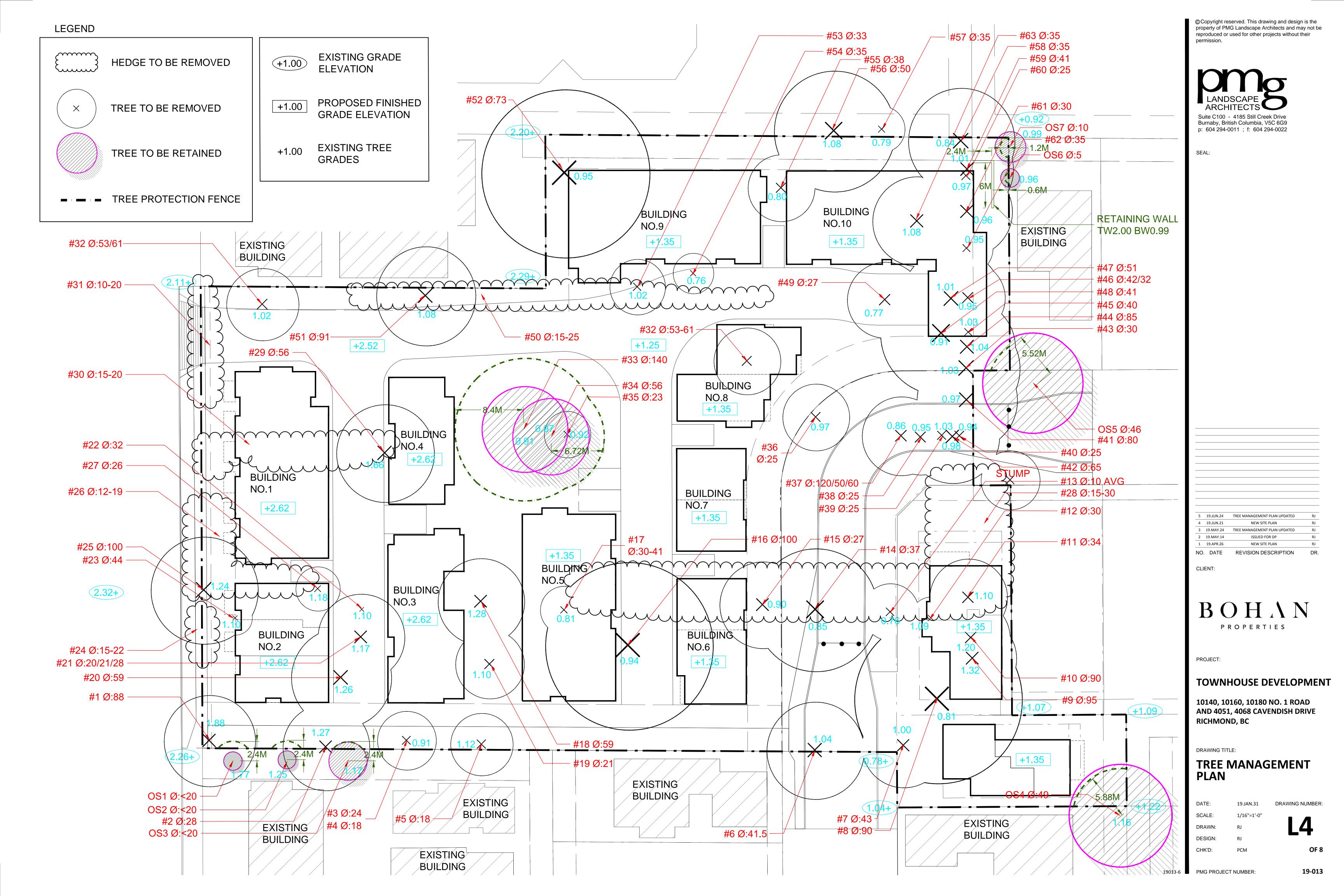
10140, 10160, 10180 NO. 1 ROAD AND 4051, 4068 CAVENDISH DRIVE RICHMOND, BC

DRAWING TITLE:

## LANDSCAPE **DETAILS**

DATE:	19.JAN.31	DRAWING NUMBER:
SCALE:	AS SHOWN	
DRAWN:	RJ	L3
DESIGN:	RJ	
CHK'D:	PCM	OF 8

19013-6 PMG PROJECT NUMBER:



# TREE INFORMATION TABLE

Tree #	Species	DBH (cm)	Health & Condition	CRZ (Min) (m)	CRZ (preferred) (m)	Comments/Recommendations
1	Fir	88	Poor	5.28	10.56	<ul> <li>Previously topped</li> <li>hydro pruned</li> <li>heavily covered in ivy.</li> <li>Recommend:</li> <li>Remove.</li> </ul>
2	Walnut	28	Good-Fair	1.68	3.36	<ul> <li>Previously topped/pruned.</li> <li>Recommend:</li> <li>Consider for removal.</li> </ul>
3	Pine	24	Poor	1.44	2.88	<ul> <li>Previously topped.</li> <li>Recommend:</li> <li>Remove</li> </ul>
4	Mtn Ash	18	Poor	1.08	2.16	Recommend:  • Remove
5	Apple	18	Poor	1.08	2.16	<ul> <li>Extensive decay.</li> <li>Recommend:</li> <li>Remove</li> </ul>
6	Cherry	41.5	Fair	2.49	4.98	Recommend:  • Consider for removal.
7	Fir	43	Poor	2.58	5.16	<ul> <li>1-sided canopy.</li> <li>Recommend:</li> <li>Remove</li> </ul>
8	Poplar	90	Poor	5.4	10.8	<ul> <li>Large limbs prev. Removed</li> <li>Visible decay.</li> <li>Recommend:</li> <li>Remove</li> </ul>
9	Lombardy Poplar	95	Fair	5.7	11.4	<ul> <li>Overmature</li> <li>Frequent shedding of limbs likely.</li> <li>Recommend:</li> <li>Consider for removal.</li> </ul>
10	Lombardy Poplar	90	Fair	5.4	10.8	<ul> <li>Overmature</li> <li>Frequent shedding of limbs likely.</li> <li>Recommend:</li> <li>Consider for removal.</li> </ul>
11	Fir	34	Poor	2.04	4.08	<ul> <li>Lean towards east.</li> <li>Recommend:</li> <li>Remove</li> </ul>

12	Spruce	30	Good	1.8	3.6	Recommend:
12	Spruce	30	Good	1.0	3.0	Consider for removal.
13	Hazelnut	10 avg	Fair	0.6	1.2	Recommend:  • Consider for removal.
14	Apple	37	Poor	2.22	4.44	<ul> <li>4 main stems</li> <li>heavily leaning towards property,</li> <li>heaving roots</li> <li>extensive decay.</li> </ul> Recommend: <ul> <li>Remove</li> </ul>
15	Walnut	27	Fair	1.62	3.24	Recommend:  • Consider for removal.
16	Willow	100	Poor	6.0	12.0	<ul> <li>Deadwood &amp; decay throughout canopy.</li> <li>Recommend:         <ul> <li>Remove</li> </ul> </li> </ul>
17	Golden cedar	30- 41	Good-Fair	2.46	4.92	<ul> <li>Hedge row, 3 stems prev. topped.</li> <li>Recommend:</li> <li>Consider for removal.</li> </ul>
18	Spruce	59	Poor	3.54	7.08	<ul> <li>Previously topped</li> <li>high heeled roots.</li> <li>Recommend:</li> <li>Remove</li> </ul>
19	Magnolia	21	Poor	1.26	2.52	<ul> <li>Poor pruning history/canopy structure.</li> <li>Recommend:         <ul> <li>Remove</li> </ul> </li> </ul>
20	Cherry	59	Poor	3.54	7.08	<ul> <li>Multi-stem</li> <li>visible decay.</li> <li>Recommend:</li> <li>Remove</li> </ul>
21	Birch	20/ 21/ 28	Poor	1.68	3.36	<ul> <li>Multi-ste</li> <li>previously topped</li> <li>visible decay.</li> <li>Recommend:</li> <li>Remove</li> </ul>
22	Spruce	32	Poor	1.92	3.84	<ul> <li>Previously topped.</li> <li>Recommend:</li> <li>Remove</li> </ul>
23	Cedar	44	Good-Fair	2.64	5.28	<ul> <li>Slight lean towards property.</li> <li>Recommend:</li> <li>Consider for removal.</li> </ul>

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SEAL

5 19.JUN.24 TREE MANAGEMENT PLAN UPDATED
4 19.JUN.21 NEW SITE PLAN
3 19.MAY.24 TREE MANAGEMENT PLAN UPDATED
2 19.MAY.14 ISSUED FOR DP
1 19.APR.26 NEW SITE PLAN
NO. DATE REVISION DESCRIPTION
CLIENT:

BOHAN
PROPERTIES

PROJECT:

### TOWNHOUSE DEVELOPMENT

10140, 10160, 10180 NO. 1 ROAD AND 4051, 4068 CAVENDISH DRIVE RICHMOND, BC

DRAWING TITLE:

# TREE INFORMATION TABLE

DATE:	19.JAN.31	DRAWING NUMBER:
SCALE:		. –
DRAWN:	RJ	L5
DESIGN:	RJ	
CHK'D:	PCM	OF 8

PMG PROJECT NUMBER:

	ī	1	T	1		
24	Holly x 4	15- 22	Poor	1.32	2.64	<ul><li>Hedge row.</li><li>Recommend:</li><li>Remove</li></ul>
25	Fir	100	Poor	6.0	12.0	<ul> <li>Previously topped,</li> <li>hydro pruned</li> <li>heavily covered in ivy.</li> </ul> Recommend: <ul> <li>Remove</li> </ul>
26	Excelsa cedar	12- 19	Fair-Poor	1.14	2.28	<ul> <li>Hedge row.</li> <li>Previously topped</li> <li>Hard pruned.</li> <li>Recommend:</li> <li>Consider for removal.</li> </ul>
27	Birch	26	Very poor	1.56	3.12	Recommend:  • Remove
28	Excelsa cedar	15- 30	Fair	1.8	3.6	<ul> <li>Hedge row.</li> <li>Previously topped.</li> <li>Recommend:</li> <li>Consider for removal.</li> </ul>
29	Pine	56	Poor	3.36	6.72	<ul> <li>Previously topped to hedge height.</li> <li>Recommend:</li> <li>Remove</li> </ul>
30	Excelsa / Emerald cedar	15- 20	Fair-Poor	1.2	2.4	<ul> <li>Previously topped.</li> <li>Recommend:</li> <li>Consider for removal.</li> </ul>
31	Excelsa cedar	10- 20	Fair-Poor	1.2	2.4	<ul> <li>Hedge row.</li> <li>Previously topped.</li> <li>Recommend:</li> <li>Consider for removal.</li> </ul>
32	Deodar cedar	53 / 61	Poor	3.66	7.32	<ul> <li>Twin stem</li> <li>previously topped.</li> <li>Recommend:</li> <li>Remove</li> </ul>
33	Sequoia	140	Fair	8.4	16.8	<ul> <li>Species is rapid grower</li> <li>Recommend:         <ul> <li>Retain per City request; install tree protection fencing</li> <li>Arborist supervision required during excavations for adjacent building.</li> </ul> </li> </ul>
34	Spruce	56	Poor	3.36	6.72	Recommend:  • Retain per City request; install tree protection fencing
35	Spruce	23	Poor	1.38	2.76	<ul> <li>Conflict with proposed amenity area</li> <li>Recommend:</li> <li>Remove</li> </ul>
36	Willow	25	Poor	1.5	3.0	Recommend:  • Remove

37	Poplar x 3	120 / 50 / 60	Poor	7.2	14.4	<ul> <li>Row of 3 trees.</li> <li>Recommend:</li> <li>Remove</li> </ul>
38	Cedar x 4	25	Poor	1.5	3.0	<ul> <li>Row of 4 trees.</li> <li>Recommend:</li> <li>Remove</li> </ul>
39	Dogwood	25	Poor	1.5	3.0	Recommend:  • Remove
40	Cedar	25	Poor	1.5	3.0	Recommend:  • Remove
41	Poplar	80	Fair-Poor	4.8	9.6	Recommend:  • Consider for removal.
42	Polar	65	Fair-Poor	3.9	7.8	Recommend:  • Consider for removal.
43	Pine	30	Poor	1.8	3.6	Recommend:  • Remove
44	Poplar	85	Fair-Poor	5.1	10.2	Recommend:  • Consider for removal.
45	Cedar	40	Poor	2.4	4.8	Recommend:  • Remove
46	Pine / Maple	42/ 32	Poor	1.92	3.84	<ul> <li>Codominant trees.</li> <li>Recommend:</li> <li>Remove</li> </ul>
47	Fir	51	Dead	3.06	6.12	Recommend:  • Remove
48	Willow	41	Poor	2.46	4.92	<ul> <li>Previously topped.</li> <li>Recommend:</li> <li>Remove</li> </ul>
49	Plum	27	Very poor	1.62	3.24	<ul> <li>Actively failing</li> <li>broken limbs</li> <li>decay.</li> <li>Recommend:</li> <li>Remove</li> </ul>
50	Holly/ Excelsa cedar	15- 25	Poor	1.5	3.0	<ul> <li>Hedge row.</li> <li>Recommend:</li> <li>Remove</li> </ul>
51	Pine	91	Poor	5.46	10.92	<ul> <li>Previously topped at several heights</li> <li>twin stem</li> <li>included bark.</li> </ul> Recommend: <ul> <li>Remove</li> </ul>
52	Willow	73	Very Poor	4.38	8.76	<ul> <li>Extensive decay.</li> <li>Recommend:</li> <li>Remove</li> </ul>

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SEAL:

5 19.JUN.24 TREE MANAGEMENT PLAN UPDATED R.
4 19.JUN.21 NEW SITE PLAN R.
3 19.MAY.24 TREE MANAGEMENT PLAN UPDATED R.
2 19.MAY.14 ISSUED FOR DP R.
1 19.APR.26 NEW SITE PLAN R.
NO. DATE REVISION DESCRIPTION D

BOHAN
PROPERTIES

PROJECT:

CLIENT:

## TOWNHOUSE DEVELOPMENT

10140, 10160, 10180 NO. 1 ROAD AND 4051, 4068 CAVENDISH DRIVE RICHMOND, BC

DRAWING TITLE:

# TREE INFORMATION TABLE

DATE:	19.JAN.31	DRAWING NUMBER:
SCALE:		
DRAWN:	RJ	Lb
DESIGN:	RJ	
CHK'D:	PCM	OF 8

19013-6 PMG PROJECT NUMBER:

53	Fir	33	Poor	1.98	3.96	<ul> <li>Previously topped</li> <li>decay.</li> <li>Recommend:</li> <li>Remove</li> </ul>
54	Plum	35	Dying	2.16	4.32	<ul> <li>Failed limbs</li> <li>decay.</li> <li>Recommend:</li> <li>Remove</li> </ul>
55	Willow	38	Very poor	2.28	4.56	<ul> <li>Multiple stems.</li> <li>Recommend:</li> <li>Remove</li> </ul>
56	Willow	50	Very poor	3.0	6.0	<ul> <li>Multiple stems</li> <li>Decay.</li> <li>Recommend:</li> <li>Remove</li> </ul>
57	Willow	35	Very poor	2.1	4.2	<ul> <li>Multiple stems</li> <li>Decay.</li> <li>Recommend:</li> <li>Remove</li> </ul>
58	Willow	35	Very poor	2.1	4.2	<ul> <li>Multiple stems</li> <li>Decay.</li> <li>Recommend:</li> <li>Remove</li> </ul>
59	Birch	41	Poor	2.46	4.92	<ul> <li>Twin stems.</li> <li>Recommend:</li> <li>Remove</li> </ul>
60	Willow	25	Very poor	1.5	3.0	<ul> <li>Multiple stems</li> <li>Decay.</li> <li>Recommend:</li> <li>Remove</li> </ul>
61	Willow	30	Very poor	1.8	3.6	<ul> <li>Multiple stems</li> <li>Decay.</li> <li>Recommend:</li> <li>Remove</li> </ul>
62	Willow	35	Very poor	2.16	4.32	<ul> <li>Multiple stems</li> <li>Decay.</li> <li>Recommend:</li> <li>Remove</li> </ul>
63	Willow	35	Very poor	2.16	4.32	<ul> <li>Multiple stems</li> <li>Decay.</li> <li>Recommend:</li> <li>Remove</li> </ul>
OS1	Excelsa	<20	Good	1.2	2.4	<ul> <li>Neighbour's property.</li> <li>Recommend:         <ul> <li>Retain; install tree protection fencing at property line</li> </ul> </li> </ul>

OS2	Excelsa	<20	Good	1.2	2.4	<ul> <li>Neighbour's property.</li> <li>Recommend:         <ul> <li>Retain; install tree protection fencing at property line</li> </ul> </li> </ul>
OS3	Fir	<20	Good	1.2	2.4	<ul> <li>Neighbour's property.</li> <li>Recommend:         <ul> <li>Retain; install tree protection fencing at property line</li> </ul> </li> </ul>
OS4	Deodar cedar	49	Good	2.94	5.88	<ul> <li>Neighbour's property.</li> <li>Recommend:         <ul> <li>Retain; install tree protection fencing</li> <li>Arborist supervision is recommended during excavations required for proposed single family house</li> </ul> </li> </ul>
OS5	Maple	46	Good	2.76	5.52	<ul> <li>Blvd./Neighbour's property.</li> <li>Recommend:         <ul> <li>Retain; install tree protection fencing</li> </ul> </li> </ul>
OS6	Walnut	5	Good	0.3	0.6	<ul> <li>Neighbour's property.</li> <li>Recommend:         <ul> <li>Retain; install tree protection fencing at property line</li> </ul> </li> </ul>
OS7	Lilac	10	Good	0.6	1.2	<ul> <li>Neighbour's property.</li> <li>Recommend:         <ul> <li>Retain; install tree protection fencing at property line</li> </ul> </li> </ul>

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EAL:

5	19.JUN.24	TREE MANAGEMENT PLAN UPDATED	RJ
4	19.JUN.21	NEW SITE PLAN	RJ
3	19.MAY.24	TREE MANAGEMENT PLAN UPDATED	RJ
2	19.MAY.14	ISSUED FOR DP	RJ
1	19.APR.26	NEW SITE PLAN	RJ
NO	. DATE	REVISION DESCRIPTION	DF

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 $BOH\Lambda N$ 

PROPERTIES

PROJECT:

CLIENT:

## TOWNHOUSE DEVELOPMENT

10140, 10160, 10180 NO. 1 ROAD AND 4051, 4068 CAVENDISH DRIVE RICHMOND, BC

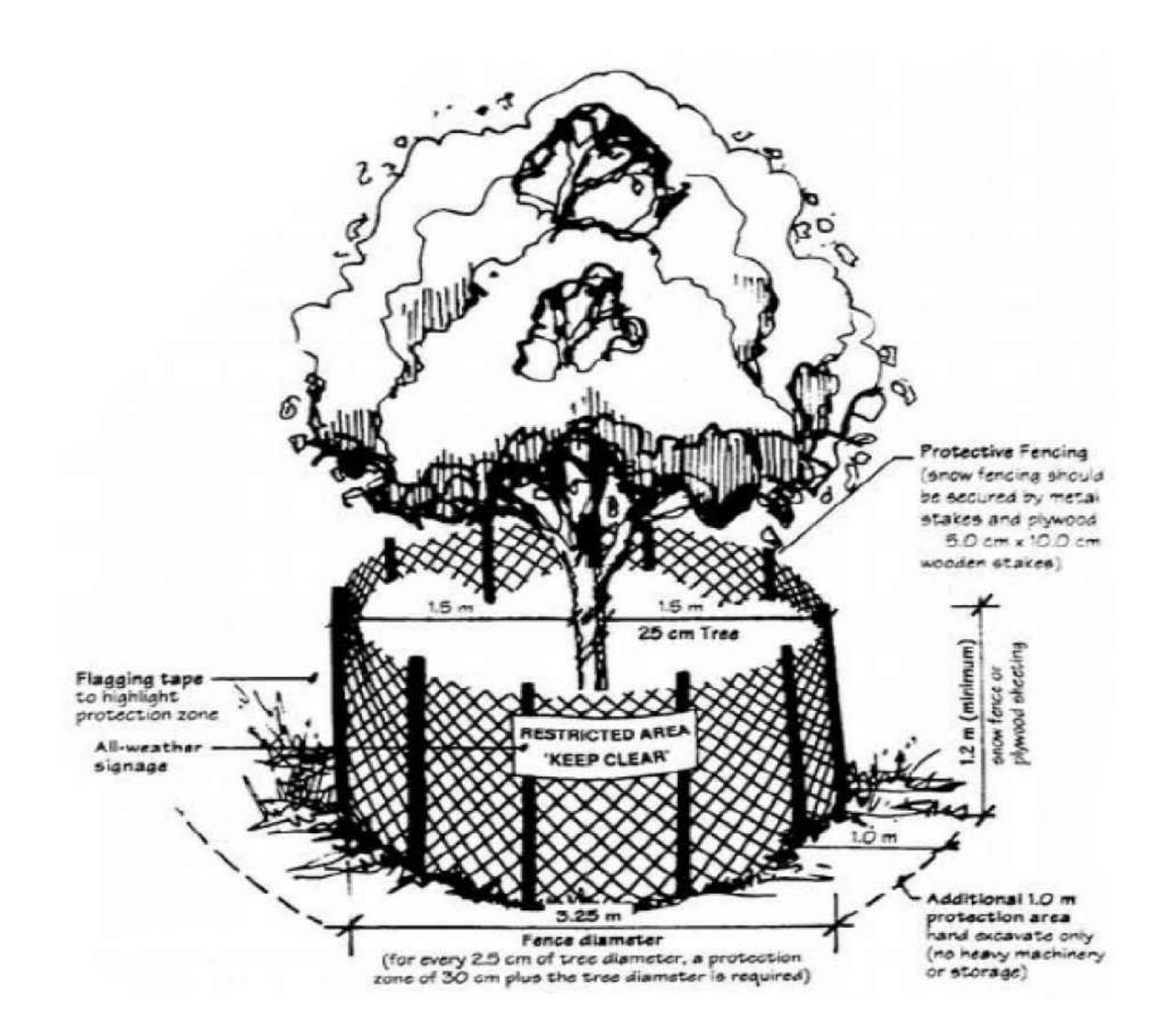
DRAWING TITLE:

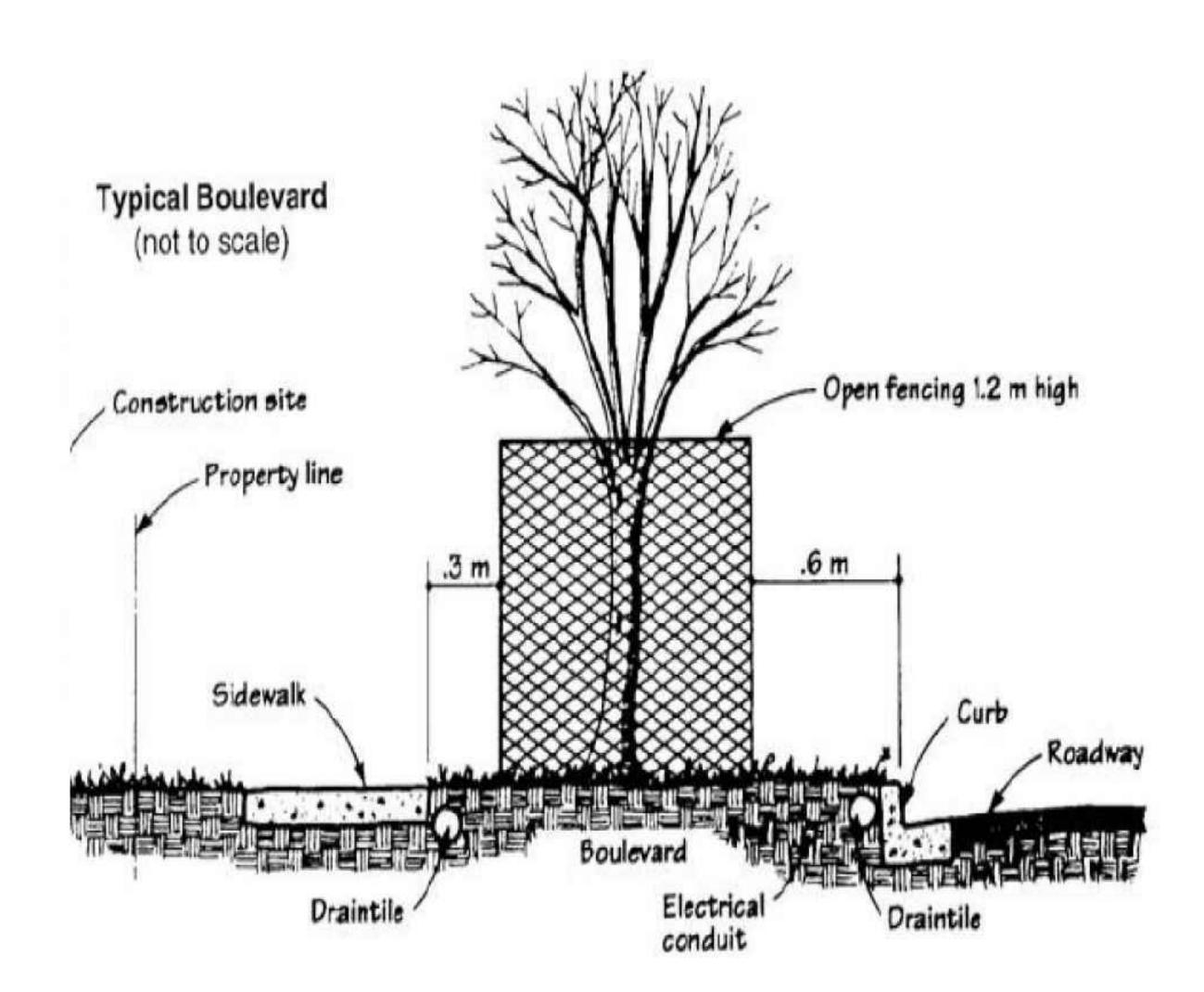
19013-6 PMG PROJECT NUMBER:

# TREE INFORMATION TABLE

DRAWING NUMBER:	19.JAN.31	DATE:
. —		SCALE:
	RJ	DRAWN:
	RJ	DESIGN:
OF 8	PCM	CHK'D:

SUITABLE REPLACEMENT TREES				
SPECIES				
COMMON NAME	BOTANICAL NAME			
ACER PALMATUM	JAPANESE MAPLE			
ACER RUBRUM 'RED SUNSET'	RED SUNSET MAPLE			
AMELANCHIER x GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY			
CERCIDIPHYLLUM JAPONICUM	KATSURA TREE			
CORNUS KOUSA 'CHINENSIS'	CHINESE KOUSA DOGWOOD			
LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	SLENDER SILHOUETTE SWEETGUM			
LIQUIDAMBAR STYRACIFLUA 'WORPLESDON'	WORPLESDON SWEET GUM			
PINUS NIGRA 'ARNOLD SENTINEL'	ARNOLD SENTINEL AUSTRIAN BLACK PINE			
PSEUDOTSUGA MENZIESII	DOUGLAS FIR			
PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER PEAR			
QUERCUS PALUSTRIS 'GREEN PILLAR'	GREEN PILLAR PIN AK			







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SEAL

5	19.JUN.24	TREE MANAGEMENT PLAN UPDATED	RJ
4	19.JUN.21	NEW SITE PLAN	RJ
3	19.MAY.24	TREE MANAGEMENT PLAN UPDATED	RJ
2	19.MAY.14	ISSUED FOR DP	RJ
1	19.APR.26	NEW SITE PLAN	RJ
NO	. DATE	REVISION DESCRIPTION	DR.

CLIENT:

# BOHAN PROPERTIES

PROJECT:

#### TOWNHOUSE DEVELOPMENT

10140, 10160, 10180 NO. 1 ROAD AND 4051, 4068 CAVENDISH DRIVE RICHMOND, BC

DRAWING TITLE:

19013-6 PMG PROJECT NUMBER:

# TREE MANAGEMENT DETAIL

DRAWING NUMBER:	19.JAN.31	DATE:
10		SCALE:
LX	RJ	DRAWN:
	RJ	DESIGN:
OF 8	PCM	CHK'D: