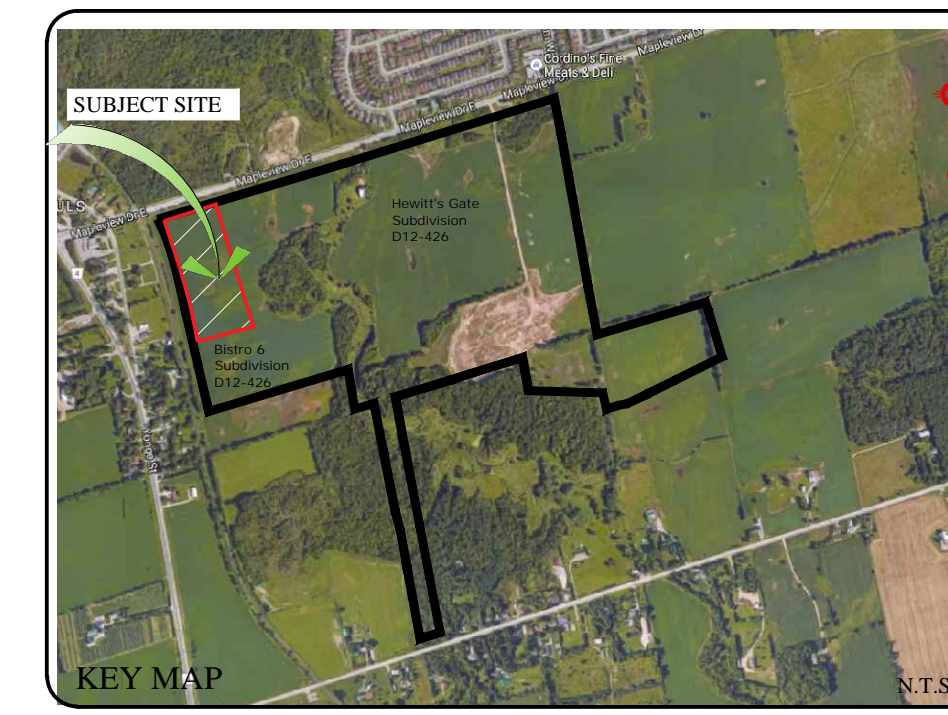


LANDSCAPE LAYOUT PLAN

SCALE 1 : 500

**BASE INFO/ UTILITIES LEGEND**  
(REFER TO GRADING PLAN)

- PROPOSED GRADIENT AND DIRECTION
- PROPOSED 3:1 SLOPE (MAX.)
- PROPOSED STORM MAINTENANCE HOLE
- PROPOSED CATCHBASIN MAINTENANCE HOLE
- PROPOSED CATCHBASIN
- PROPOSED DOUBLE CATCHBASIN
- PROPOSED SANITARY MAINTENANCE HOLE
- PROPOSED HYDRANT
- PROPOSED VALVE BOX
- PROPOSED CURB STOP
- PROPOSED LIGHT STANDARD
- PROPOSED BELL PEDESTAL/HANDHOLES
- PROPOSED BELL DUCT
- PROPOSED BELL VAULT
- PROPOSED ROGERS VAULT
- PROPOSED HYDRO TRANSFORMER
- PROPOSED EV CHARGER STATION
- PROPOSED EMERGENCY OVERLAND FLOW ROUTE



**GENERAL NOTES**

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No.	REVISION	DATE	APRVD.
1.	SUBMITTED TO THE CITY OF BARRIE	June 21, 2021	ST
2.	AS PER REVISED GRADING PLAN	August 13, 2021	ST
3.	AS PER CITY COMMENTS	January 25, 2022	ST
4.	AS PER METROLINX COMMENTS & REVISED GRADING PLAN	February 25, 2022	ST

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**GENERAL LEGEND**

- STREET TREES (D12-426)
- DECIDUOUS TREES (L-2)
- CONIFERS (L-2)
- SHRUBS (L-2)
- VINES (L-2)
- PERENNIALS
- ORNAMENTAL GRASSES
- 8" DEEP PEBBLE ROCKS MAX. 2" DIA. ON FILTER FABRIC (270R)
- PLANT BED WITH COMMERCIAL ALUMINUM PERMALOC PROFILE LANDSCAPE EDGING MIN. 6" DEPTH.
- ACOUSTICAL FENCE BSD-1200 (L-4).
- 2.43m CHAIN LINK FENCE BSD-1211 (L-4).
- 1.5m ORNAMENTAL FENCE (L-4).
- PRIVACY FENCE (SUBDIVISION - D12-426).
- BENCH (L-6)
- LITTER RECEPTACLE (L-6)
- PICNIC TABLE (L-6)
- OUTDOOR FITNESS STATIONS ON CONCRETE PADS AND RUBBER MULCH (L-5)
- BIKE RACK (L-6)
- ROOT BARRIER (L-3)
- SOD
- NATIVE SEED MIX (L-2)

**PRATT HANSEN GROUP INC.**

BASE INFORMATION PROVIDED BY:  
The Jones Consulting Group Ltd.  
229 Mapleview Drive East, Unit 1  
Barrie, ON L4N 0W5  
Phone: (705) 734-2538 ext 294 Fax: (705) 734-1056

BASE PLAN REVISED: October, 2020

Block 598 on Hewitt Gate Draft Plan  
Part of Lot 16, Concession 11  
City of Barrie, County of Simcoe

PROJECT LEGAL DESCRIPTION

LANDSCAPE ARCHITECTS STAMP

**JDB ASSOCIATES LTD.**

Urban Designers  
Landscape Architects  
Arborists

274 Burton Ave., Suite 1201  
Barrie, Ontario  
L4N 5W4

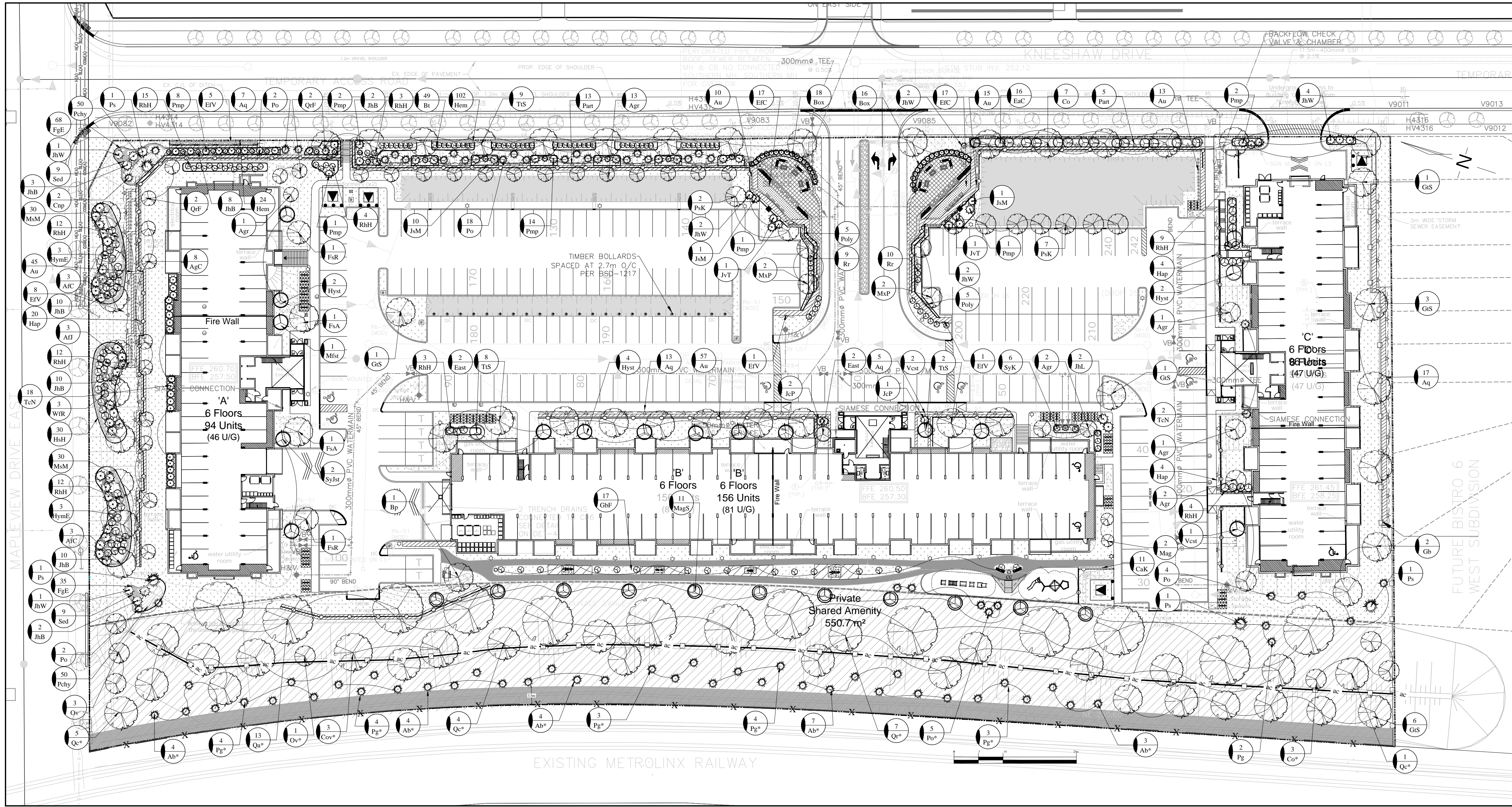
Fax: 705-722-5660  
Tel: 705-722-6278

**Bistro 6 West ELEMENTS**

723 Mapleview Dr. E  
City of Barrie

LANDSCAPE LAYOUT PLAN

SCALE:	DATE:	DESIGNED BY:	REVIEWED BY:
1 : 500		ST	NB
CITY FILE No. D11-004-2021	OUR FILE REF. # 25-20	DRAWN BY: ST	L-1



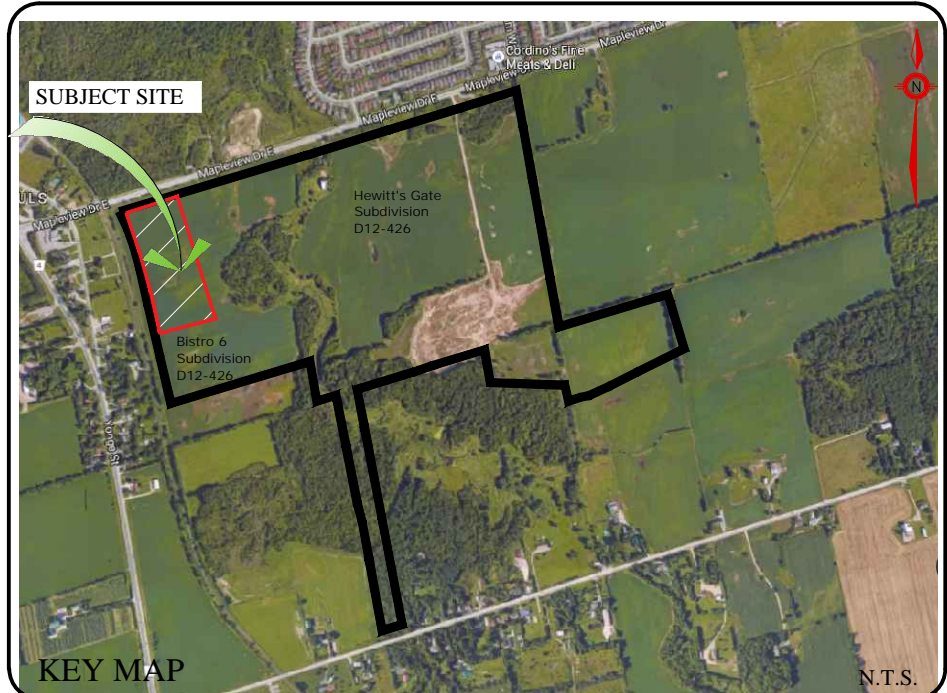
**UPLAND PLANTING ZONE**  
 NO-MOW ZONE (INCLUDING ACCESS ROAD)  
 APPROXIMATELY 6,700 sqm (+10%) (+/- MEASUREMENTS TO BE TAKEN ON SITE)

**SIMCOE COUNTY NATIVE UPLAND MIXTURE**  
 2% NEW ENGLAND ASTER (*Aster novae-angliae*)  
 12% BLACK EYED SUSAN (*Rudbeckia hirta*)  
 20% SAND DROPSIED (*Sporobolus corymbrosus*)  
 20% CANADA WILD RYE (*Elymus canadensis*)  
 4% CANADA GOLDEN ROD (*Solidago canadensis*)  
 5% COMMON MILKWEED (*Asclepias syriaca*)  
 1% WILD BERGAMONTE (*Monarda fistulosa*)  
 1% SMOOTH BLUE ASTER (*Aster laevis*)  
 15% LITTLE BLUE STEM (*Andropogon scoparius*)  
 20% INDIANGRASS (*Sorghastrum nutans*)

**SEEDING RATE - 30kg PER HECTARE**  
 SUPPLIED BY - OSC SEEDS 1-519-886-0857  
 ANNUAL RYE NURSE CROP TO BE APPLIED AT TIME OF NATIVE UPLAND PLANTING MIXTURE AT A RATE OF 12kg PER HECTARE. REFER TO TERRASEEDING NOTES AND MULCH APPLICATION SPECIFICATIONS IN THIS BOX FOR FURTHER DETAILS.  
 TERRASEEDING APPLICATION SPECIFICATIONS

**ECOBLANKET OR TERRASEEDING TACTIFIER / FLEXGUARD HYDROMULCH SHALL BE APPLIED AS PER MANUFACTURER SPECIFICATIONS. SEE NOTES ON THIS PAGE.**

**TOP SOIL:**  
 TOPSOIL SHALL BE PROVIDED TO A MINIMUM DEPTH OF 0.45m FOR TERRESTRIAL AREAS EXCEPT THE ACCESS ROAD (5cm) AND MINIMUM 0.35m FOR TEMPORARY UNDERWATER AREAS.  
 TOPSOIL QUALITY SHALL BE AS PER OPS 570. IT SHALL BE TESTED BY AN INDEPENDENT LABORATORY PRIOR TO INSTALLATION.



**SEEDING AND TOP SOIL NOTES**

PROPOSED GRADIENT AND DIRECTION  
 PROPOSED 3:1 SLOPE (MAX.)  
 PROPOSED STORM MAINTENANCE HOLE  
 PROPOSED CATCHBASIN MAINTENANCE HOLE  
 PROPOSED CATCHBASIN  
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**BASE INFO/ UTILITIES LEGEND (REFER TO GRADING PLAN)**

Plant material density	area	ratio	minimum	proposed	
31583	200	deciduous	60mm	158	158
400	conifers	2m	79	79	
100	shrubs	0.6-1.2m	316	316	
200	evergreen	0.45m x 1.2m ht	158	158	

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**LANDSCAPE PLAN**

CODE	QNTY	COMMON NAME	BOTANICAL NAME	SIZE	FORM	SPACING	DETAIL	NOTES
<b>DECIDUOUS TREES</b>								
AfC	6	CELEBRATION MAPLE	<i>Acer x freemanii 'Celebration'</i>	60 mm	W.B.	9.0 m o/c	BSD-1310	Full Form
AfJ	3	AUTUMN BLAZE MAPLE	<i>Acer x freemanii 'Jeffersred'</i>	60 mm	W.B.	9.0 m o/c	BSD-1310	Full Form
AgC	8	AUTUMN BRILLIANCE SERVICEBERRY	<i>Amelanchier x grandiflora 'Cumulus'</i>	60 mm	W.B.	9.0 m o/c	BSD-1310	Full Form
AgR	20	PAPERBARK MAPLE	<i>Acer griseum</i>	60 mm	W.B.	6.0 m o/c	BSD-1310	Full Form
Bp	1	PAPERBARK MAPLE	<i>Betula papyrifera</i>	60 mm	W.B.	9.0 m o/c	BSD-1310	Clump form
Co	7	COMMON HACKBERRY	<i>Celtis occidentalis</i>	60 mm	W.B.	9.0 m o/c	BSD-1310	Full Form
FaA	2	FERNLEAF BEECH	<i>Fagus sylvatica 'Asplenifolia'</i>	60 mm	W.B.	9.0 m o/c	BSD-1310	Full Form
FaR	2	RIVER'S BEECH	<i>Fagus sylvatica 'Riversii'</i>	60 mm	W.B.	9.0 m o/c	BSD-1310	Full Form
Gb	2	MAIDENHAIR TREE	<i>Ginkgo biloba</i>	60 mm	W.B.	9.0 m o/c	BSD-1310	Full Form
GbF	17	COLUMNAR MAIDENHAIR TREE	<i>Ginkgo biloba 'Fastigiata'</i>	60 mm	W.B.	9.0 m o/c	BSD-1310	Full Form
GS	12	SKYLINE HONEYLOCUST	<i>Gleditsia triacanthos var. inermis 'Skyline'</i>	60 mm	W.B.	9.0 m o/c	BSD-1310	Full Form
Mag	2	ALEXANDRINA MAGNOLIA	<i>Magnolia x soulangeana 'Alexandrina'</i>	200 cm	w.b.	as shown	BSD-1310	Full Form
MxP	4	RED SPLENDOR CRABAPPLE	<i>Malus 'Red Splendor'</i>	60 mm	W.B.	7.0 m o/c	BSD-1310	Full Form
Psk	9	KWANZAN FLOWERING CHERRY	<i>Prunus serrulata 'Kwanzan'</i>	60 mm	W.B.	4.0 m o/c	BSD-1310	Full Form
Ov	3	IRONWOOD	<i>Ostrya virginiana</i>	60 mm	W.B.	7.0 m o/c	BSD-1310	Full Form
QrF	4	COLUMNAR ENGLISH OAK	<i>Quercus rubra 'Fastigiata'</i>	60 mm	W.B.	5.0 m o/c	BSD-1310	Full Form
Ts	19	STERLING SILVER LINDEN	<i>Tilia tomentosa 'Sterling Silver'</i>	60 mm	W.B.	9.0 m o/c	BSD-1310	Full Form

**BERM PLANTING**

Co*	3	COMMON HACKBERRY	<i>Celtis occidentalis</i>	60 mm	W.B.	9.0 m o/c	BSD-1311	Full Form
Cov*	3	SHAGBARK HICKORY	<i>Carya ovata</i>	60 mm	W.B.	9.0 m o/c	BSD-1311	Full Form
Ov*	1	IRONWOOD	<i>Ostrya virginiana</i>	60 mm	W.B.	7.0 m o/c	BSD-1311	Full Form
Qa*	13	WHITE OAK	<i>Quercus alba</i>	60 mm	W.B.	15.0 m o/c	BSD-1311	Spring planting/ Soil pH<7.5
Qc*	10	SCARLET OAK	<i>Quercus coccinea</i>	60 mm	W.B.	9.0 m o/c	BSD-1310	Full Form/Acidic soil
Qr*	7	RED OAK	<i>Quercus rubra</i>	60 mm	W.B.	5.0 m o/c	BSD-1311	Full Form

**CONIFEROUS TREES**

Pg	2	WEeping FALSE CYPRESS	<i>Chamaecyparis nootkatensis 'Pendula'</i>	200cm	w.b.	As Per Drawing	BSD-1312	Full form / Do not cut leader
Pp	2	WHITE SPRUCE	<i>Picea glauca</i>	200cm	w.b.	5m o/c	BSD-1312	Full form / Do not cut leader
Po	26	SERBIAN SPRUCE	<i>Picea omorika</i>	200cm	w.b.	As Per Drawing	BSD-1312	Full form / Do not cut leader
Ps	4	EASTERN WHITE PINE	<i>Pinus strobus</i>	200cm	w.b.	6m o/c	BSD-1312	Full form / Do not cut leader

**BERM PLANTING**

Ab*	22	BALSAM FIR	<i>Abies balsamea</i>	200cm	w.b.	6m o/c	BSD-1313	Full form / Do not cut leader
Pg*	18	WHITE SPRUCE	<i>Picea glauca</i>	200cm	w.b.	5m o/c	BSD-1313	Full form / Do not cut leader
Po*	5	SERBIAN SPRUCE	<i>Picea omorika</i>	200cm	w.b.	As Per Drawing	BSD-1313	Full form / Do not cut leader

SMALLER TREE SIZE RECOMMENDED TO BE PLANTED ON THE BERM (16 gal pot DECIDUOUS AND 1.0m HT 7gal pot CONIFERS) AT A 2.5:1 RATIO (2.5 small trees instead of 1 regular size tree shown on the plant list)

**ORNAMENTAL GRASSES**

CaK	11	KARL FOERSTER FEATHER REED GRASS	<i>Calamagrostis arundinacea 'Karl Foerster'</i>	1 gal	pot	0.60 m o/c	n/a	Full form / Container grown
FgE	103	ELIJAHS BLUE FESCUE	<i>Festuca glauca 'Elijah Blue'</i>	1 gal	pot	0.30 m o/c	n/a	Full form / Container grown
Hsh	30	SAPPHIRE FOUNTAIN BLUE OAT GRASS	<i>Helictotrichon sempervirens 'Saphirespride'</i>	1 gal	pot	0.60 m o/c	n/a	Full form / Container grown
Msm	60	MALEPARTUS MAIDEN GRASS	<i>Miscanthus sinensis 'Malepartus'</i>	1 gal	pot	0.60 m o/c	n/a	Full form / Container grown

CODE	QNTY	COMMON NAME	BOTANICAL NAME	SIZE	FORM	SPACING	DETAIL	NOTES
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**DECIDUOUS SHRUBS**

Bt	49	ROSE GLOW BARBERRY	<i>Berberis thunbergii 'Rose Glow'</i>	60 cm	3 gal	0.80 m o/c	BSD-1314	Full form / Container grown
EaC	16	DWARF WINGED BURNING BUSH	<i>Euonymus alatus 'Compactus'</i>	60 cm	3 gal	1.60 m o/c	BSD-1314	Full form / Container grown
East	4	DWARF BURNING BUSH (standard)	<i>Euonymus alatus 'Compactus'</i>	125 cm stem	7 gal	As Per Drawing	BSD-1314	Tree form / Container grown
HymE	6	ENDLESS SUMMER HYDRANGEA	<i>Hydrangea macrophylla 'Bailmer'</i>	60 cm	3 gal	0.9m o/c	BSD-1314	Full form / Container grown
Hyst	8	PEEGEE HYDRANGEA (standard)	<i>Hydrangea paniculata 'Grandiflora'</i>	150 cm stem	7 gal	As Per Drawing	BSD-1314	Tree form / Container grown
MagS	11	SUSAN MAGNOLIA	<i>Magnolia x 'Susan'</i>	60 cm	3 gal	2.5m o/c	BSD-1314	Full form / Container grown
Mfst	1	TINA CRABAPPLE	<i>Malus sargentii 'Tina'</i>	150 cm stem	10 gal	As Per Drawing	BSD-1314	Full form / Container grown
RhH	70	HAAGA RHODODENDRON	<i>Rhododendron x marjatta 'Haaga'</i>	50cm	3 gal.	1.30 m o/c	BSD-1314	Full form / Container grown
Rr	19	NEARLY WILD ROSE	<i>Rosa rugosa 'Nearly Wild'</i>	60 cm	3 gal	0.90m o/c	BSD-1314	Full form / Container grown
Sylst	2	WEeping LILAC	<i>Syringa juliana 'Hers'</i>	150 cm stem	7 gal	As Per Drawing	BSD-1314	Full form / Container grown
SyK	6	MISS KIM LILAC	<i>Syringa patula 'Miss Kim'</i>	60 cm	3 gal	1.0m o/c	BSD-1314	Full form / Container grown
Vest	3	KOREAN PRINCE VIBURNUM (standard)	<i>Viburnum carlesii</i>	150 cm stem	7 gal	As Per Drawing	BSD-1314	Tree form / Container grown
WR	3	RED SPICE WEIGELA	<i>Weigela florida 'Red Prince'</i>	60 cm	3 gal	1.2m o/c	BSD-1314	Full form / Container grown

**VINES**

Aq	42	CHOCOLATE VINE	<i>Aquebia quinata</i>	60cm	3 gal.	as shown	BSD-1314	with trellis on the wall
ErV	16	VARIEGATED WINTERCREEPER	<i>Euonymus fortunei 'Variegatus'</i>	60cm	3 gal.	as shown	BSD-1314	base of wall
Hap	28	CLIMBING HYDRANGEA	<i>Hydrangea anomala subsp. petiolaris</i>	60cm	3 gal.	4.0 m o/c	BSD-1314	shade only, base of the wall
Part	18	BOSTON IVY	<i>Parthenocissus tricuspidata</i>	60cm	3 gal.	as shown	BSD-1314	base of the walls
Poly	10	SILVER LACE	<i>Polygonum aubertii</i>	60cm	3 gal.	as shown	BSD-1314	top of the walls

**EVERGREENS**

Box	34	GREEN MOUNTAIN BOXWOOD	<i>Buxus x 'Green Mountain'</i>	50cm	3 gal.	0.45 m o/c	BSD-1314	Full form / Container grown
JhB	45	BLUE CHIP JUNIPER	<i>Juniperus horizontalis 'Blue Chip'</i>	50cm	3 gal.	0.90 m o/c	BSD-1314	Full form / Container grown
JhL	2	LIMEGLOW JUNIPER	<i>Juniperus horizontalis 'Limeglow'</i>	45cm	3 gal.	3.0 m o/c	BSD-1314	Full form / Container grown
JhW	12	BLUE RUG JUNIPER	<i>Juniperus horizontalis 'Wiltonii'</i>	50cm	3 gal.	0.90 m o/c	BSD-1314	Full form / Container grown
JmM	12	MOFFETT JUNIPER	<i>Juniperus scopulorum 'Moffetti'</i>	150cm	w.b.	0.90 m o/c	BSD-1314	Full form / Container grown
JvT	2	TAYLOR JUNIPER	<i>Juniperus virginiana 'Taylor'</i>	150cm	w.b.	0.90 m o/c	BSD-1314	Full form / Container grown
Pmp	29	MUGHO PINE	<i>Pinus mugo var. pumilio</i>	60cm	7 gal.	1.50 m o/c	BSD-1314	Full form / Container grown
TcN	20	DWARF JAPANESE YEW	<i>Taxus cuspidata 'Nana'</i>	50cm	3 gal.	1.75m o/c	BSD-1314	Full form / Container grown
JeP	3	GOLD STAR PITZNER JUNIPER	<i>Juniperus x pfitzeriana 'Aurea'</i>	50cm	3 gal.	1.80 m o/c	BSD-1314	Full form / Container grown

**PERENNIALS**

Au	140	ROCK CRESS	<i>Aubrieta 'Royal Blue'</i>	2 gal	pot	0.5 m o/c	n/a	Royal' cultivar grows over the wall
Hem	126	STELLA D'ORO DAYLILY	<i>Hemerocallis x 'Stella D'Oro'</i>	1 gal	pot	0.60 m o/c	n/a	Full form / Container grown

**GROUND COVER**

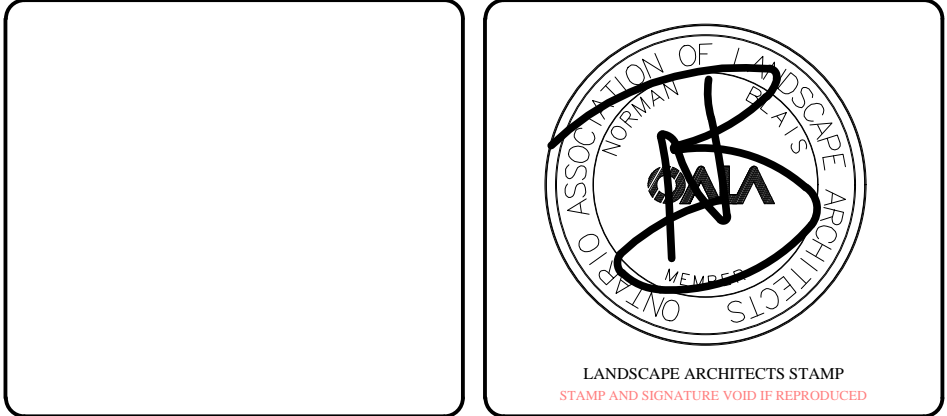
EIC	34	EUONYMUS-WINTER CREEPER	<i>Euonymus fortunei 'Coloratus'</i>	plug	tray	0.2 m o/c	n/a	Full form / Container grown
Pchy	100	VARIEGATED JAPANESE SPURGE	<i>Pachysandra terminalis 'Variegata'</i>	100 plants	flat	0.15 m o/c	n/a	Full form / Container grown
Sed	18	BIRTHDAY PARTY STONECROP	<i>Sedum x 'Birthday Party'</i>	2 gal	pot	0.30 m o/c	n/a	Full form / Container grown

**GENERAL LEGEND**

- STREET TREES (D12-426)
- DECIDUOUS TREES (L-2)
- CONIFERS (L-2)
- SHRUBS (L-2)
- VINES (L-2)
- PERENNIALS
- ORNAMENTAL GRASSES
- 8" DEEP PEBBLE ROCKS MAX. 2" DIA. ON FILTER FABRIC (270R)
- PLANT BED WITH COMMERCIAL ALUMINUM PERMALOC PROLINE LANDSCAPE EDGING MIN. 6" DEPTH.
- ACOUSTICAL FENCE BSD-1200 (L-4).
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- 1.5m ORNAMENTAL FENCE (L-4).
- PRIVACY FENCE (SUBDIVISION - D12-426).
- BENCH (L-6)
- LITTER RECEPTACLE (L-6)
- PICNIC TABLE (L-6)
- OUTDOOR FITNESS STATIONS ON CONCRETE PADS AND RUBBER MULCH (L-5)
- BIKE RACK (L-6)
- ROOT BARRIER (L-3)
- SOD
- NATIVE SEED MIX
- UNIT PAVERS (L-7)

**PRATT HANSEN GROUP INC.**  
 CLIENT NAME  
 PROJECT LEGAL DESCRIPTION

BASE INFORMATION PROVIDED BY:  
 The Jones Consulting Group Ltd.  
 229 Mapleview Drive East, Unit 1  
 Barrie, ON L4N 0W5  
 Phone: (705) 734-5558 ext 294 Fax: (705) 734-1056  
 BASE PLAN REVISED: October, 2020

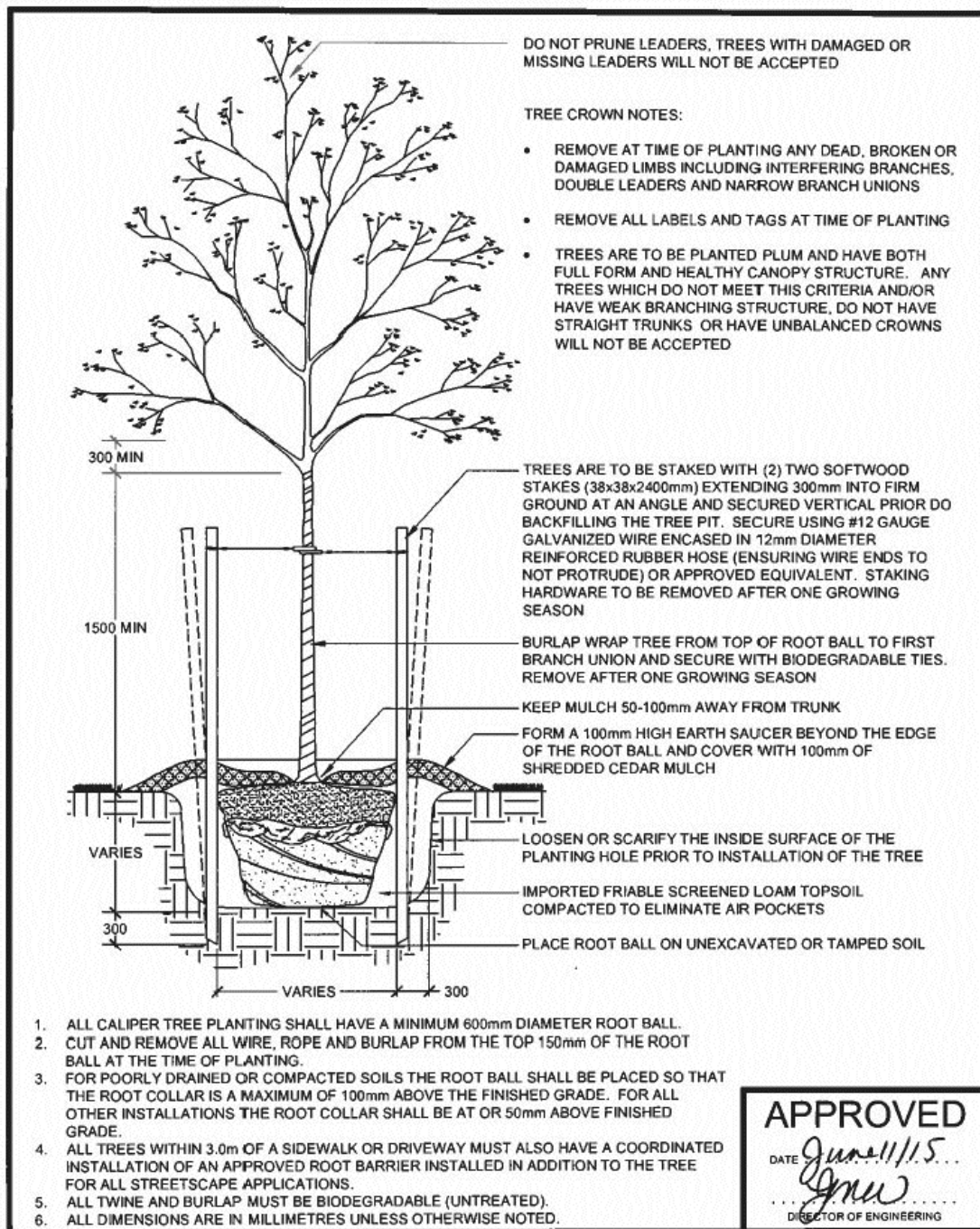


**JDB ASSOCIATES LTD.**  
 Urban Designers  
 Landscape Architects  
 Arborists  
 274 Barton Ave., Suite 1201  
 Barrie, Ontario  
 L4N 5W4  
 Fax: 705-722-5660  
 Tel: 705-722-6278

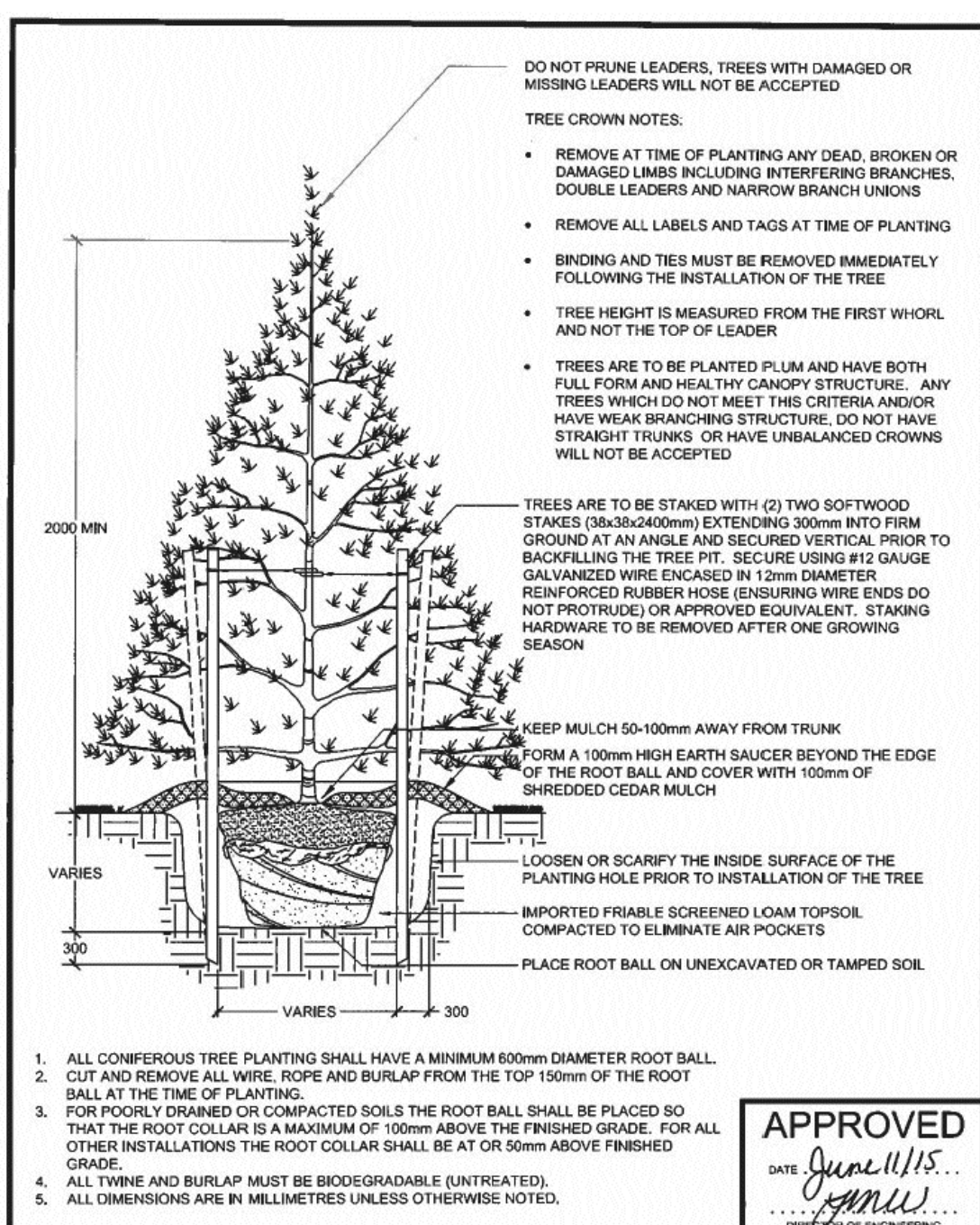
**Bistro 6 West ELEMENTS**  
 723 Mapleview Dr. E  
 City of Barrie

**LANDSCAPE PLAN**

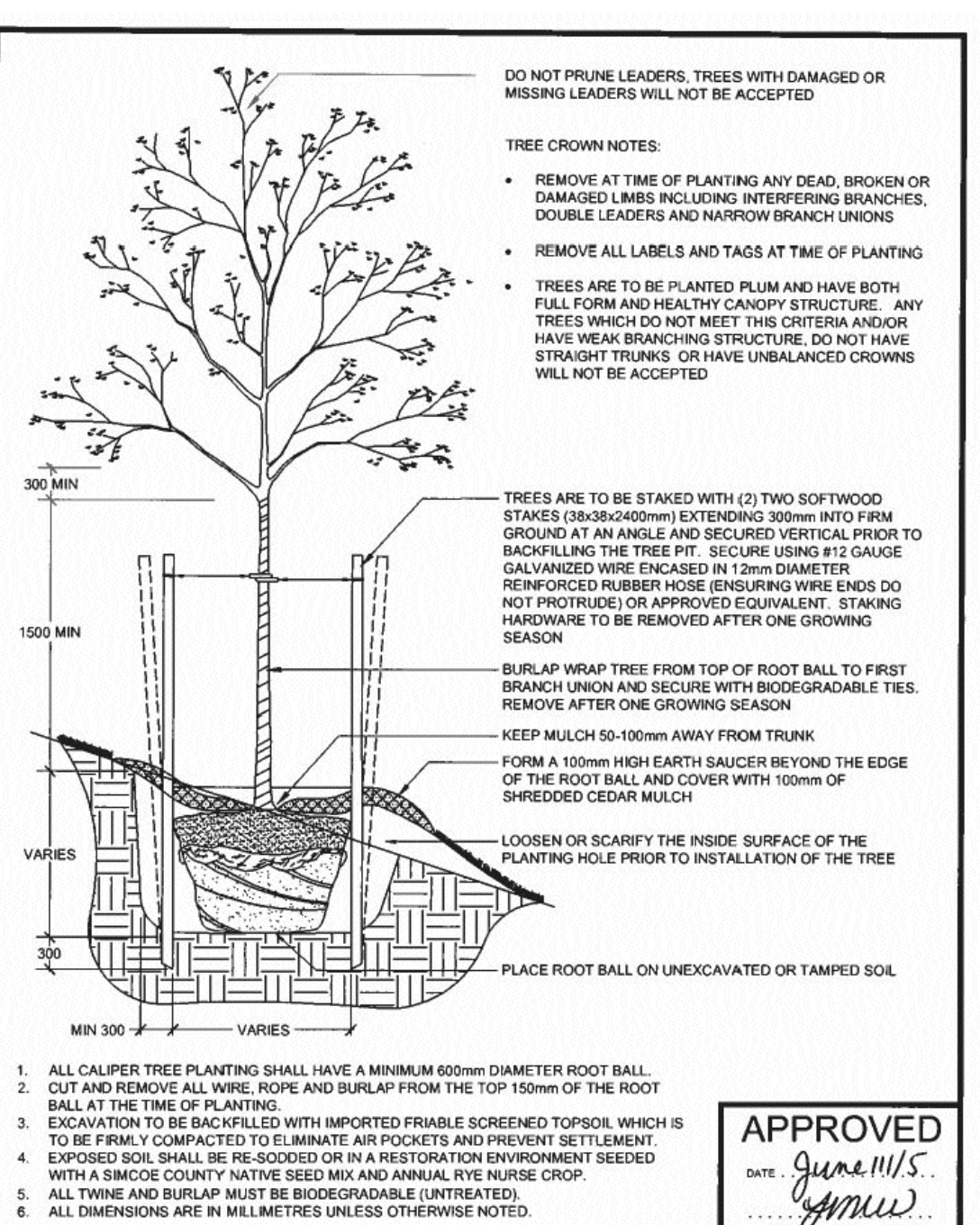
SCALE:	DATE:	DESIGNED BY:	REVIEWED BY:
1:500		SKT	NB
CITY FILE No. D11-004-2021	OUR FILE REF. # 25-20	DRAWN BY: SKT	L-2



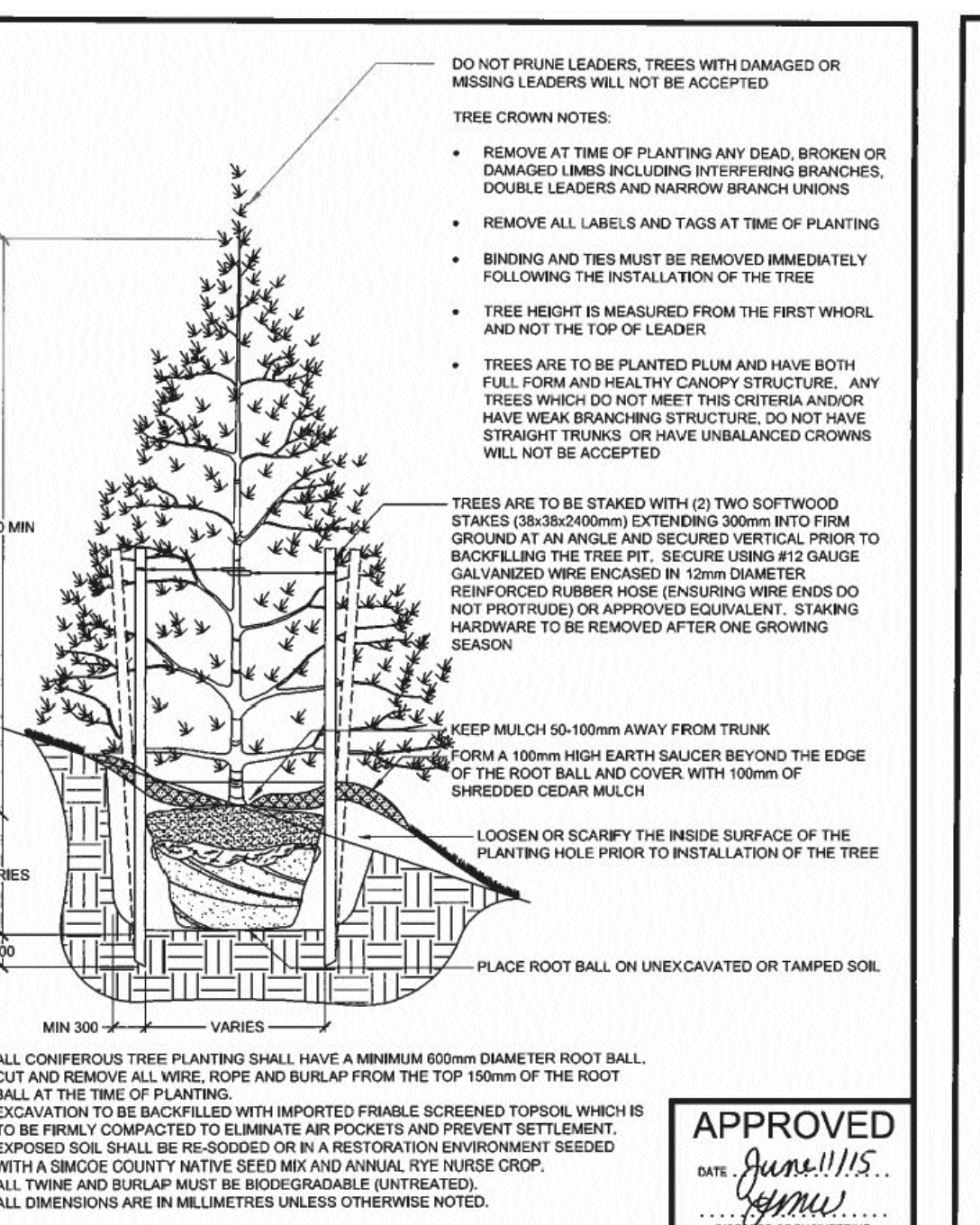
	<b>DECIDUOUS TREE PLANTING DETAIL</b> STANDARD DETAIL	<b>APPROVED</b> DATE: <i>June 11/15</i> BY: <i>[Signature]</i> DIRECTOR OF ENGINEERING
		REV. No. 4 DATE: JUNE 2015 SCALE: N.T.S. BSD-1310 FORMERLY BSD-29



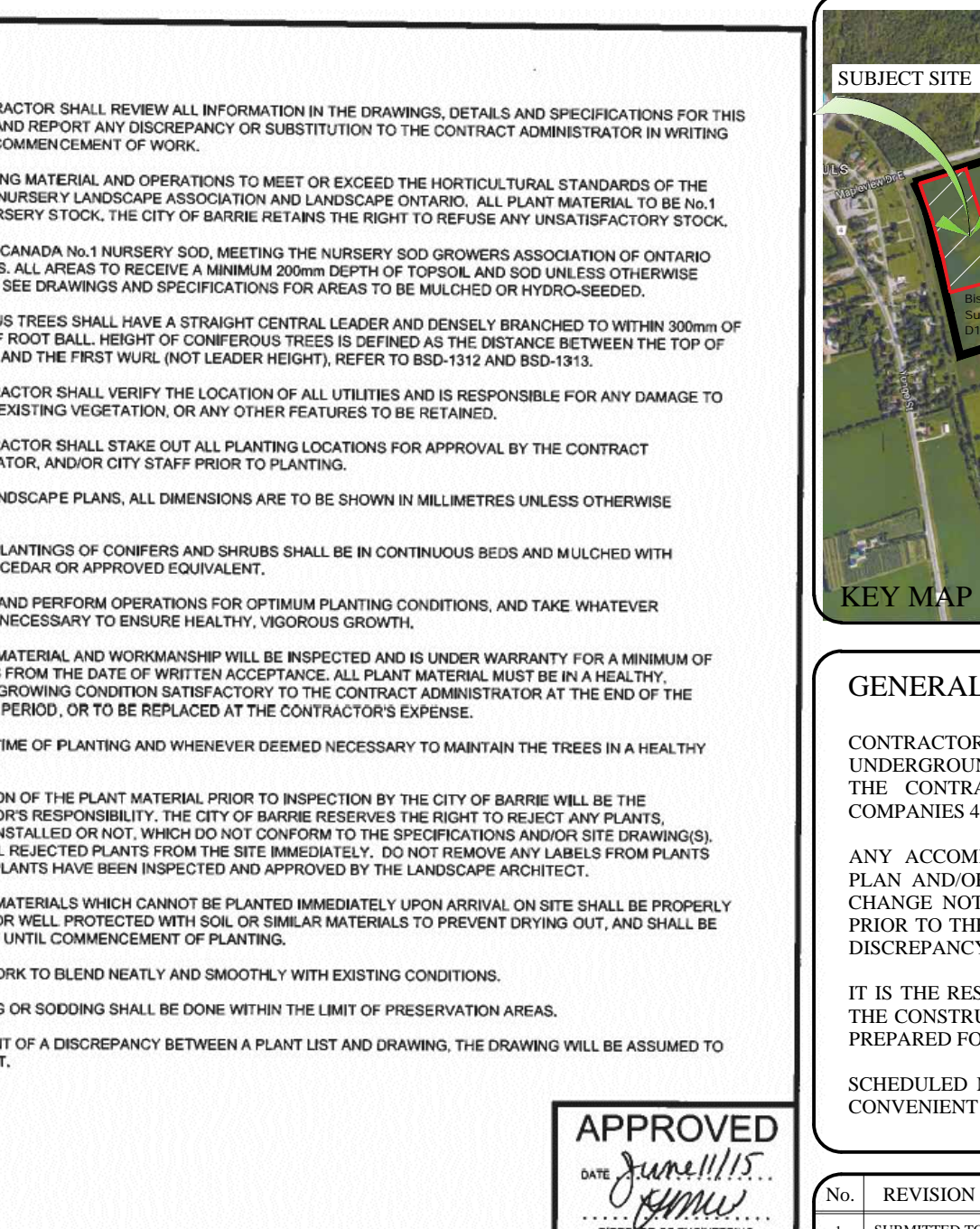
	<b>CONIFEROUS TREE PLANTING DETAIL</b> STANDARD DETAIL	<b>APPROVED</b> DATE: <i>June 11/15</i> BY: <i>[Signature]</i> DIRECTOR OF ENGINEERING
		REV. No. 4 DATE: JUNE 2015 SCALE: N.T.S. BSD-1312 FORMERLY BSD-30



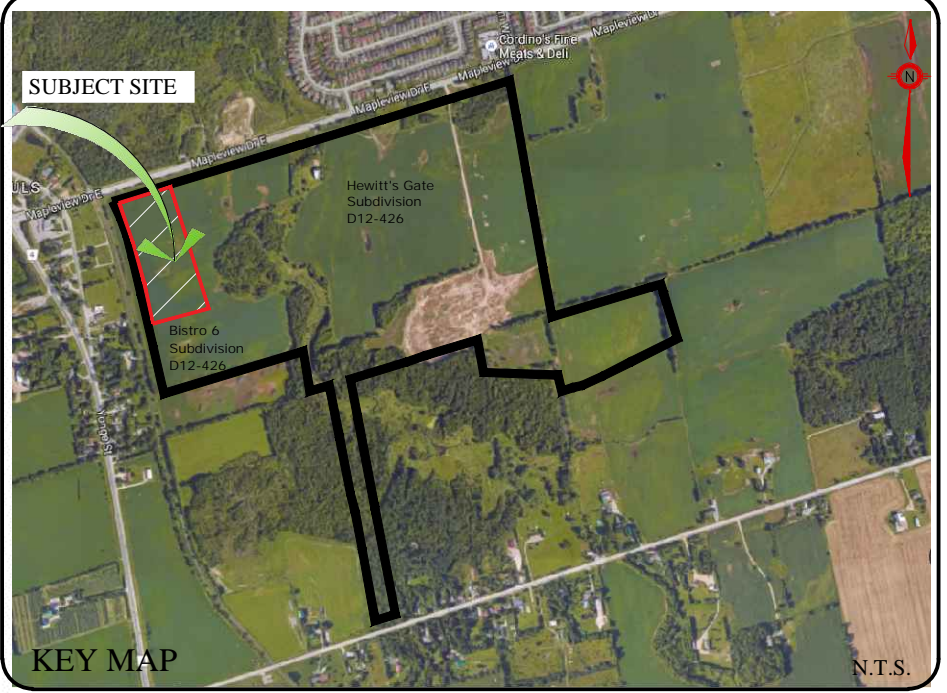
	<b>DECIDUOUS TREE PLANTING ON SLOPE</b> STANDARD DETAIL	<b>APPROVED</b> DATE: <i>June 11/15</i> BY: <i>[Signature]</i> DIRECTOR OF ENGINEERING
		REV. No. 1 DATE: JUNE 2015 SCALE: N.T.S. BSD-1311



	<b>CONIFEROUS TREE PLANTING ON SLOPE</b> STANDARD DETAIL	<b>APPROVED</b> DATE: <i>June 11/15</i> BY: <i>[Signature]</i> DIRECTOR OF ENGINEERING
		REV. No. 1 DATE: JUNE 2015 SCALE: N.T.S. BSD-1313



	<b>GENERAL PARK PLANTING NOTES</b> STANDARD DETAIL	<b>APPROVED</b> DATE: <i>June 11/15</i> BY: <i>[Signature]</i> DIRECTOR OF ENGINEERING
		REV. No. 1 DATE: JUNE 2015 SCALE: N.T.S. BSD-1320 FORMERLY BSD-46



**GENERAL NOTES**

CONTRACTOR IS RESPONSIBLE FOR ALL LOCATES INCLUDING ALL UNDERGROUND SERVICES PRIOR TO ANY EXCAVATION OR INSTALLATIONS. THE CONTRACTOR IS REQUIRED TO NOTIFY THE VARIOUS UTILITY COMPANIES 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK.

ANY ACCOMPANYING DOCUMENTATION RELATING TO THE LANDSCAPE PLAN AND/OR PRESERVATION PLAN SUCH AS TENDER DOCUMENTS AND CHANGE NOTICES ARE TO BE ENDORSED BY J.D.B. ASSOCIATES LIMITED PRIOR TO THE BEGINNING OF ANY SITE WORKS. IN THE EVENT THAT A DISCREPANCY THE DRAWING SHALL BE ASSUMED CORRECT.

IT IS THE RESPONSIBILITY OF THE PERSON OR PERSONS RESPONSIBLE FOR THE CONSTRUCTED WORKS TO NOTIFY THE LANDSCAPE ARCHITECT WHEN PREPARED FOR ANY REQUIRED INSPECTIONS AND SIGN OFFS.

SCHEDULED MEETINGS SHALL TAKE PLACE AT THE CLOSEST MUTUALLY CONVENIENT TIME.

No.	REVISION	DATE	APRVD.
1.	SUBMITTED TO THE CITY OF BARRIE	June 21, 2021	SJT
2.	AS PER REVISED GRADING PLAN	August 13, 2021	SJT
3.	AS PER CITY COMMENTS	January 25, 2022	SJT
4.	AS PER METROLIX COMMENTS & REVISED GRADING PLAN	February 25, 2022	SJT

ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF J. D. B. ASSOCIATES LIMITED. DRAWINGS ARE NOT TO BE MODIFIED AND/OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF J.D.B. ASSOCIATES LIMITED. REPRODUCTION OF DRAWINGS IN ANY FORM WITHOUT THE CONSENT OF J.D.B. ASSOCIATES LIMITED VOIDS THE DRAWING AT WHICH TIME J.D.B. ASSOCIATES LIMITED ACCEPTS AND LIABILITY FOR THE DRAWING CONTENT OR WORKS RESULTING FROM SAID REPRODUCTION. DRAWINGS MAY BE REPRODUCED BY MUNICIPAL AND GOVERNMENT AGENCIES RESPONSIBLE FOR APPROVALS FOR THEIR OWN USE. J. D. B. ASSOCIATES RESERVES THE RIGHT TO WITHDRAW ANY DRAWINGS FROM GOVERNMENT OR MUNICIPAL AGENCIES WHETHER APPROVED OR NOT IN THE EVENT THAT ACCOUNTS ARE NOT SETTLED OR REMAIN OUTSTANDING.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS ON THE SITE AND REPORT ANY DISCREPANCIES OR VARIATIONS FROM THE SUPPLIED INFORMATION TO THE LANDSCAPE ARCHITECT WITH THE PROJECT. J. D. B. ASSOCIATES LIMITED IS NOT RESPONSIBLE FOR THE ACCURACY OF SURVEY, ARCHITECTURAL, MECHANICAL, ENGINEERING OR ELECTRICAL INFORMATION SHOWN ON THE DRAWING. FOR FURTHER INFORMATION REFER TO APPROPRIATE SURVEY, ARCHITECTURAL, MECHANICAL, ENGINEERING OR ELECTRICAL DRAWINGS PRIOR TO PROCEEDING WITH ANY WORKS.

THIS DRAWING IS NOT TO BE SCALED.

**PRATT HANSEN GROUP INC.**

BASE INFORMATION PROVIDED BY:  
 The Jones Consulting Group Ltd.  
 229 Mapleview Drive East, Unit 1  
 Barrie, ON L4N 6W5  
 Phone: (705) 734-2538 ext 294 Fax: (705) 734-1056

Block 598 on Hewitt's Gate Draft Plan  
 Part of L.S.C. Project  
 City of Barrie, County of Simcoe

CLIENT NAME: \_\_\_\_\_  
 PROJECT LEGAL DESCRIPTION: \_\_\_\_\_

**JDB ASSOCIATES LTD.**

Urban Designers  
 Landscape Architects  
 Arborists

274 Burton Ave., Suite 1201  
 Barrie, Ontario  
 L4N 6W4

Fax: 705-722-5660  
 Tel: 705-722-6278

LANDSCAPE ARCHITECTS STAMP  
 (SEAL AND SIGNATURE OF THE DESIGNER)

**Bistro 6 West ELEMENTS**

723 Mapleview Dr. E  
 City of Barrie

LANDSCAPE PLAN DETAILS

SCALE: NTS	DATE: 25-20	DESIGNED BY: SJT	REVIEWED BY: NB
CITY FILE No. D11-004-2021	OUR FILE REF. # 25-20	DRAWN BY: SJT	L-3

**SITE CONDITIONS**

- VERIFY ALL EXISTING SITE CONDITIONS AND REPORT ANY DISCREPANCIES BEFORE COMMENCING WORK.
  - THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND IS RESPONSIBLE FOR ANY DAMAGE TO SERVICES, EXISTING VEGETATION OR ANY OTHER FEATURES TO BE RETAINED.
  - FOR ALL AREAS OF DISTURBANCE: NATIVE TOPSOIL IS TO BE STRIPPED, STOCK PILED AND REPLACED TO A MINIMUM DEPTH OF 300mm.
- PLANT MATERIAL REQUIREMENTS**
- PLANT MATERIAL LISTED IN THE PLANT SCHEDULE ARE MINIMUM SIZES +/- NURSERY GROWN AND UNIFORM SPECIMENS. NO SUBSTITUTIONS WILL BE PERMITTED WITHOUT WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECTS.
  - DECIDUOUS TREES SHALL HAVE A STRAIGHT CENTRAL LEADER AND WELL BRANCHED 1.5M ABOVE GRADE UNLESS OTHERWISE STATED.
  - CONIFEROUS TREES SHALL HAVE A STRAIGHT CENTRAL LEADER AND DENSELY BRANCHED TO WITHIN 0.3m OF THE GROUND.
  - ALL PLANTING MATERIAL AND OPERATIONS TO MEET OR EXCEED THE HORTICULTURAL STANDARDS OF THE CANADIAN NURSERY LANDSCAPE ASSOCIATION AND THE HORTICULTURAL TRADES ASSOCIATION. ALL PLANT MATERIAL TO BE NO.1 GRADE NURSERY STOCK. UNSATISFACTORY STOCK WILL BE REFUSED ON THE SITE.
  - SOD TO BE CANADA NO.1 NURSERY SOD, MEETING ONTARIO SOD GROWERS ASSOCIATION STANDARDS. ALL SOD AREAS TO RECEIVE 200MM DEPTH OF TOPSOIL UNLESS OTHERWISE INDICATED.

- PLANTING NOTES**
- LOCATIONS FOR PLANT MATERIAL AND PLANTING BEDS ARE TO BE MARKED OR STAKED OUT BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT AND MUNICIPAL STAFF PRIOR TO INSTALLATION.
  - ALL PLANT MATERIAL WHICH ARE SPECIFIED BY O.C. ON CENTER SPACING ARE TO BE PLANTED AS NOTED IN THE PLANT SCHEDULE.
  - IN THE EVENT OF A DISCREPANCY BETWEEN THE PLANT LIST AND DRAWING, THE DRAWING WILL BE ASSUMED TO BE CORRECT.
  - ALL MASS PLANTINGS OF SHRUBS SHALL BE IN CONTINUOUS BEDS AND MULCHED AS SPECIFIED.
  - ALL TREE PITS SHALL INCLUDE TREATMENT WITH MICORRHIZAL FUNGI OF THE WALLS BEFORE PLANTING (2L OF "MIKE" OR SIMILAR PRODUCT SHALL BE USED FOR EACH 60MM CALIPER TREE)
  - ALL TREES ARE TO BE STAKED OR GUY WIRED ACCORDING TO DETAILS PROVIDED. NO ACCESSIBLE OPEN HOLE TREE PITS SHALL BE PERMITTED OVERNIGHT.
  - REMOVE BURLAP AND ROPE FROM THE TOP 1/3 OF ROOT BALLS.
  - WATER AT TIME OF PLANTING AND WHENEVER DEEMED NECESSARY TO MAINTAIN THE TREES IN A HEALTHY CONDITION.
  - ALL PLANT MATERIALS WHICH CAN NOT BE PLANTED IMMEDIATELY UPON ARRIVAL ON SITE SHALL BE PROPERLY HEeled IN OR WELL PROTECTED WITH SOIL OR SIMILAR MATERIALS TO PREVENT DRYING OUT AND SHALL BE KEPT MOST UNTIL COMMENCEMENT OF PLANTING.
  - NO ACCESSIBLE OPEN HOLE TREE PITS SHALL BE PERMITTED OVERNIGHT. ALL OPEN PITS SHALL BE ADEQUATELY PROTECTED BY INSNIFILERS OR FILLED IN WITH SOIL PRIOR TO THE END OF EACH PLANTING DAY.
  - ALL NEW WORK TO BLEND NEATLY AND SMOOTHLY WITH EXISTING CONDITIONS.

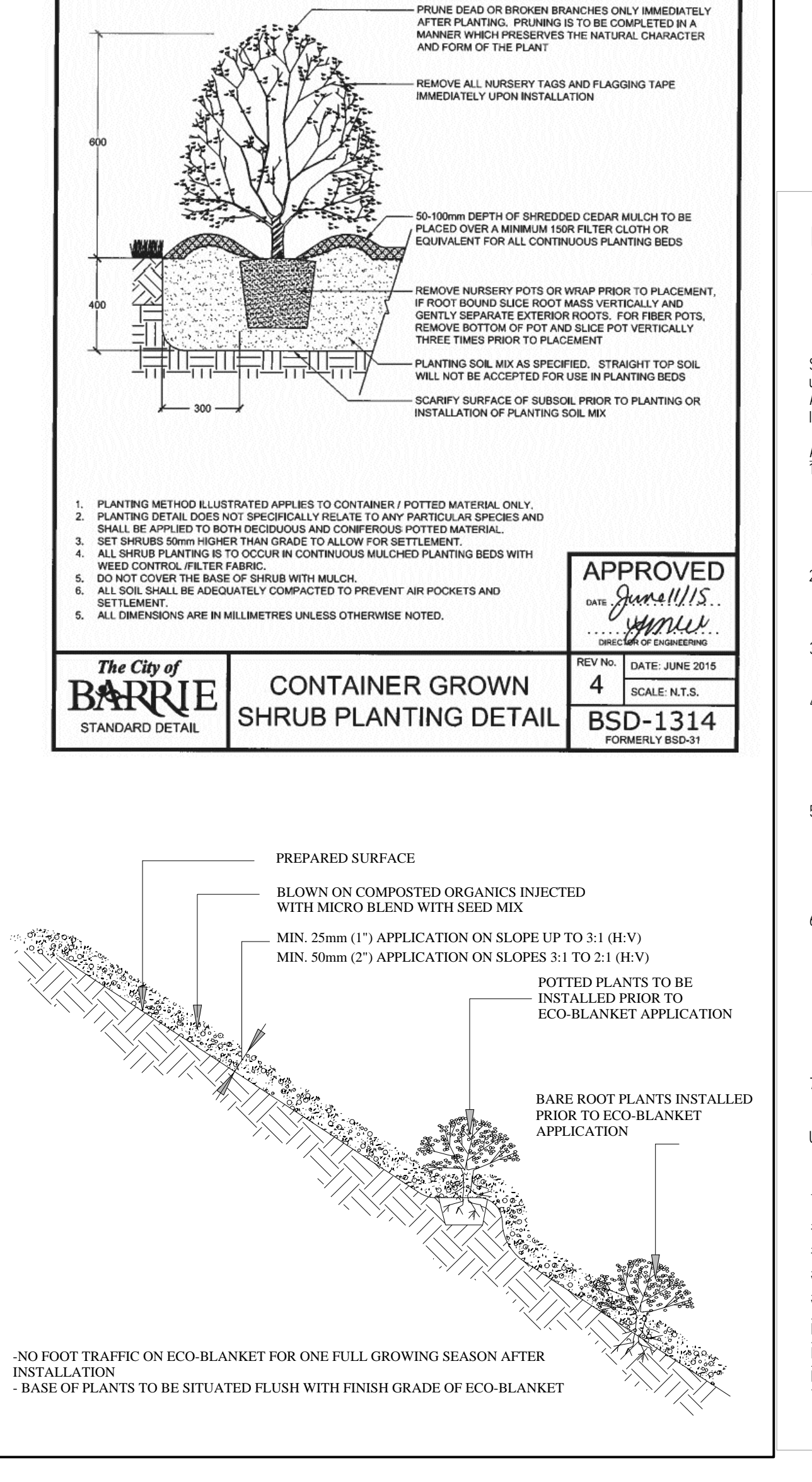
- INSTALLATION AND WARRANTY**
- GIVE TIMELY NOTICE TO THE LANDSCAPE ARCHITECT FOR THE REQUIRED START UP SITE INSPECTION TO REVIEW SITE CONDITIONS AND SCHEDULE FOLLOW UP INSTALLATIONS.
  - INSTALLATION OF PLANT MATERIAL PRIOR TO INSPECTION BY THE LANDSCAPE ARCHITECT WILL BE THE CONTRACTOR'S RESPONSIBILITY.
  - THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANTS, WHETHER INSTALLED OR NOT, WHICH DO NOT CONFORM TO THE SPECIFICATIONS AND/OR SITE DRAWING. REMOVE ALL REJECTED PLANTS FROM THE SITE IMMEDIATELY. DO NOT REMOVE ANY LABELS FROM PLANTS UNTIL PLANTS HAVE BEEN INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT.
  - ALL PLANT MATERIAL AND WORKMANSHIP WILL BE INSPECTED AND IS UNDER WARRANTY FOR A MINIMUM OF TWO YEAR FROM DATE OF WRITTEN ACCEPTANCE. ALL PLANT MATERIAL MUST BE IN A HEALTHY, VIGOROUS GROWING CONDITION SATISFACTORY TO THE CONTRACT ADMINISTRATOR AT THE END OF THE WARRANTY PERIOD OR BE REPLACED AT THE CONTRACTORS EXPENSE.
  - FINAL ACCEPTANCE OF THE PROJECT WILL BE CARRIED OUT UPON COMPLETION OF ALL WORK INCLUDED IN THE CONTRACT.

- TOPSOIL REQUIREMENTS**
- PROVIDE MINIMUM SOIL VOLUME PER TREE AT 0.45m DEPTH FOR STREET TREES (OR ABOVE UTILITIES) AND MAX. 0.9m IN OTHER AREAS:
    - 18" FOR LARGE TREES
    - 12" FOR SMALL TREES
  - PREPARED SOIL MIXTURE FOR EACH TREE PITS AND SHRUBS SHALL CONSIST OF HIGH QUALITY SOIL:
    - SIX PARTS OF SANDY LOAM SOIL (50-60% SAND, 20-40% SILT, 0-10% CLAY, 2-5% ORGANIC), WITH A pH OF 7.5\* OR LESS, FREE OF CLAY LUMPS, DEBRIS, TOXIC SUBSTANCES, STONES, WOODY MATERIAL, WEED SEEDS AND GRASS ROOTS
    - ONE PART COARSE PULVERIZED CANADIAN PEAT MOSS
    - ONE PART OF WELL-ROTTED FARM MANURE
  - PREPARED SOIL MIXTURE FOR SOD AREAS SHALL CONSIST OF MIN. 20cm HIGH QUALITY SOIL:
    - SIX PARTS OF SANDY LOAM SOIL (50-60% SAND, 20-40% SILT, 0-10% CLAY, 2-5% ORGANIC), WITH A pH OF 7.5\* OR LESS, FREE OF CLAY LUMPS, DEBRIS, TOXIC SUBSTANCES, STONES, WOODY MATERIAL, WEED SEEDS AND GRASS ROOTS
- PLANTING NOTES THIS NOTES SHALL BE READ IN CONJUNCTION WITH BSD-1320 ON THIS PAGE

**PLANTING DETAILS**

- 1.0 Description:**  
 This work shall consist of furnishing, constructing and maintaining an EcoBlanket to Rexius specifications. EcoBlanket is a ground cover (surface blanket) of the Rexius specified compost/mulch (Erosion Blend) combined with a special additive (Microblend) constructed with a pneumatic blower to control and reduce soil erosion. An EcoBlanket stabilizes the soil, prevents splash, sheet and till erosion, and removes suspended soil particles and contaminants from water moving off the site and into adjacent waterways or storm water conveyance systems. 1.1. This EcoBlanket must be applied by Lansource Organix Ltd., 100 Britannia Road East, Hornby, Ontario L0P 1E0, tollfree 1 877 548 8558 (toll free 1 877 548 8559) or equivalent certified EcoBlanket installer. 1.2. Materials must be applied using a pneumatic granular injection system capable of installing at least 15 cubic metres per hour. 1.3. Contractor must have at least 3 years of proven experience in successfully installing EcoBlankets/EM.
- 2.0 Material:**  
 The EcoBlanket filtering material consists of the Rexius Erosion Blend of compost and mulch materials, according to the Rexius particle sizing specifications, in combination with the Rexius Microblend additive. 2.1. Particle size must meet exact specifications of the Rexius EcoBlanket Erosion Blend material supplied by a certified supplier/installer. 2.2. The compost portion of EcoBlanket shall be derived from well-decomposed organic matter source produced by controlled aerobic (biological) decomposition that has been sanitized through the generation of heat and stabilized to the point that it is appropriate for this particular application. Compost material shall be processed through proper thermophilic composting, meeting the Canadian Council of Ministers of the Environment's (CCME) definition for a "process to further reduce pathogens" (PRP). The compost portion shall meet the chemical, physical and biological properties (as outlined in the chart on reverse). These and all other required properties for the performance of the EcoBlanket are included in the Rexius EcoBlanket Manufacturer Guidelines followed by certified suppliers/installers. 2.3. Rexius Microblend additive shall be injected into Erosion Blend material at time of EcoBlanket construction. 2.4. A proof of certification as an EcoBlanket supplier shall be submitted to the Landscape Architect for approval prior to installation. Test results for EcoBlanket performance shall be made available upon request. 2.5. Where seeding or planting is planned, Erosion Blend material must meet Rexius' minimum specification requirements for seeding purposes.
- 3.0 Construction:**  
 3.1. The EcoBlanket shall be placed as shown on the plans or as directed by the Landscape Architect. 3.2. On areas with slopes 3:1 to 2:1 (H:V) the EcoBlanket shall be uniformly applied directly at the soil surface with a pneumatic blower as specified by Rexius. EcoBlanket shall be applied at a depth of 50 mm minimum and approximately 90 cm over the top of the slope, or overlap it into existing vegetation. On areas with slopes up to 3:1 (H:V) the EcoBlanket shall be applied at a depth of 25mm minimum. In extreme conditions and where specified by the Engineer/Landscape Architect, EcoBlanks shall be added and constructed at the top of the slope in parallel intervals down the profile of the slope (6 metres to 9 metres apart) if necessary. (The Engineer/Landscape Architect shall specify berm requirements) 3.3. Rexius Microblend shall be applied/injected at a minimum rate of 615 kgs. per hectare (or as specified by Rexius), to be confirmed by inspector/project manager. 3.4. EcoBlanket application depth may be modified based on specific site (e.g., soil characteristics, existing vegetation) and climatic conditions, as well as particular project related requirements. The severity of slope grade, as well as slope length will also influence the addition of EcoBlanks and number of EcoBlanket placements in combination with the EcoBlanket. 3.5. If temporary or long-term vegetation is required, Erosion Blend material may be injected with seed during application. The Engineer/Landscape Architect shall specify seed requirements and the compost/mulch component shall abide by the minimum standards set by Rexius for seeding. 3.6. Where vegetation is to be established, slightly roughen (scarify) slopes and remove large clods, rocks, stumps, roots larger than 50 mm in diameter and debris on slopes. This soil preparation step may be eliminated where approved by the Landscape Architect/Designer, or where seeding or planting is not planned. Where practical, track (compact) perpendicular to contours on the slope using a bulldozer before applying EcoBlanket injected with seed. 3.7. Do not use EcoBlanks in areas of concentrated flow (ie. ditches, streams, etc.) 3.8. Unless otherwise allowed by Landscape Architect, seeding shall be performed within the local region's seeding deadlines.
- 4.0 Maintenance:**  
 The Contractor shall maintain the EcoBlanket in a functional condition at all times. Contractor shall make periodic inspections of the EcoBlanket for effectiveness and shall immediately correct all deficiencies. Where deficiencies exist, additional EcoBlanket material shall be installed immediately to required depth.
- 5.0 Method of Measurement:**  
 EcoBlanket shall be measured by the square metre, complete in place.
- 6.0 Performance:**  
 6.1. Place EcoBlanks on denuded areas immediately or as directed by Landscape Architect. EcoBlanks and/or temporary or permanent vegetation shall be applied/established when necessary, along with other appropriate structural measures and controls, for additional erosion and sediment control. 6.2. The work specified in this Section consists of designing, providing, and maintaining erosion and sedimentation controls as necessary. All existing and foreseeable future conditions that affect the work inside and outside the site limits must be acknowledged as the Contractor's responsibility. 6.3. Contractor is responsible for providing effective sediment control measures based on a working order. Contractor may, with approval from the Landscape Architect, work outside the minimum construction requirements to establish a permanent erosion control system.
- Parameters: 4 Reported as (units of measure) EcoBlanket to be Vegetated EcoBlanket to be left Un-vegetated  
 pH2 pH units 5.0 - 8.5 N/A  
 Soluble Salt Concentration2 (electrical conductivity) dS/m (mmhos/cm) Maximum 5 N/A  
 Stability3 Carbon Dioxide Evolution Rate mg CO2-C per g OM per 8 N/A  
 Physical Contaminants (man-made inerts) % dry weight basis 1-1

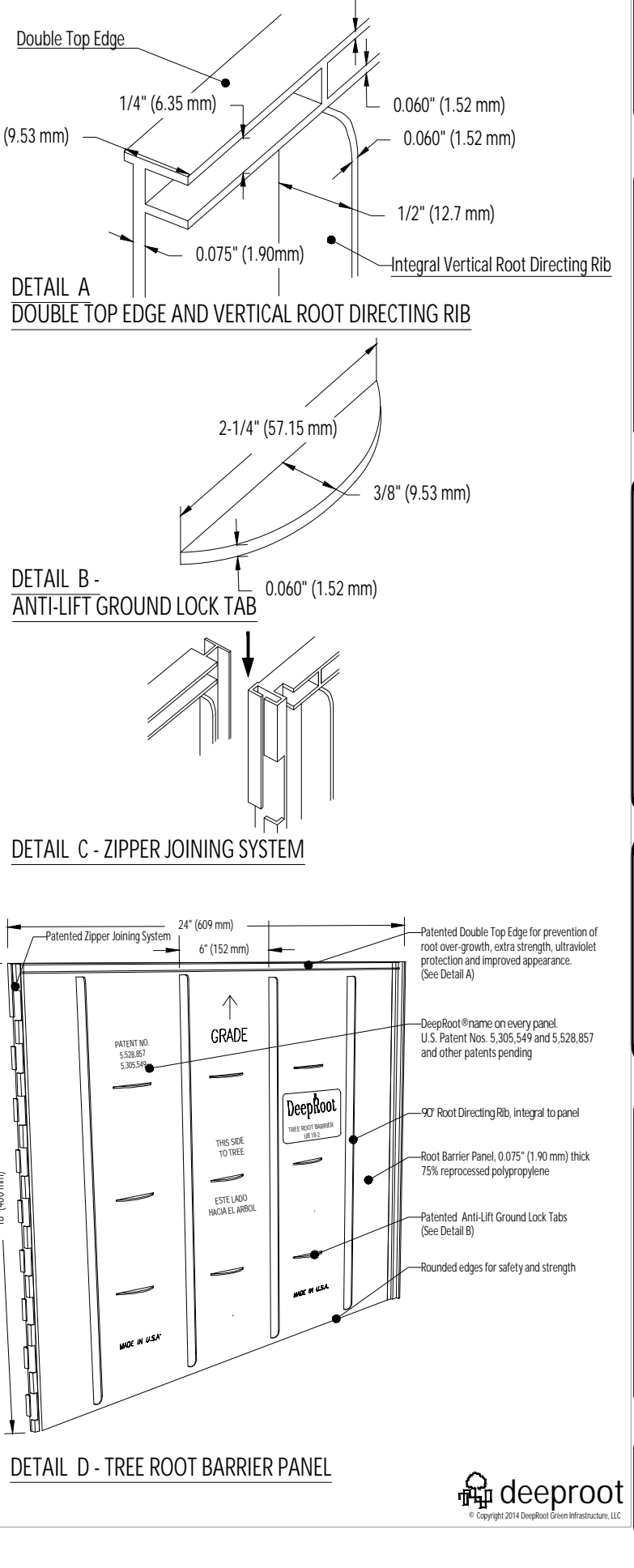
- Recommended test methodologies are provided in Test Methods for the Examination of Composting and Compost (SCC through BQ)
- Each specific plant species requires specific pH ranges. Each plant also has a salinity tolerance rating, and maximum tolerable quantities are known. When specifying the establishment of any plant or turf species, it is important to understand their pH and soluble salt requirements, and how they relate to the compost in use.
- Stability/Maturity rating is an area of complex science that is still evolving, and as such, other various test methods could be considered. Also, never base compost quality conclusions on the result of a single stability/maturity test.
- Landscape Architect may modify the allowable compost specification ranges based on specific field conditions and plant requirements.



**UB 18-2 Specifications 18" DeepRoot® Tree Root Barrier**

Specified tree root barrier is a mechanical barrier and root deflector used to prevent tree roots from damaging hardscapes and landscapes. Assembled in 24" (609 mm) long modules to create varying lengths for linear applications, or perimeter surround applications in varying sizes.

- A. Materials**
- The contractor shall furnish and install tree root barrier as specified. The tree root barrier shall be either product UB 18-2 as manufactured by DeepRoot®/Green Infrastructure, LLC, 530 Washington Street, San Francisco, CA, www.deeproot.com (800 458 7668).
  - Root barrier shall be recyclable, black, injection molded panels with 0.75" (19.0 mm) wall thickness in modules 24" (609 mm) long and 18" (460 mm) deep.
  - Root barrier shall be manufactured with 75% reprocessed polypropylene with added ultraviolet inhibitors.
  - Root barrier shall be comprised of 24" (609 mm) panels. Each panel shall have no less than four (4) Molded Integral Vertical Root Directing Ribs of a minimum 0.060" (1.52 mm) thickness, equally spaced between each of the vertical root directing ribs, spaced 6" (152.4 mm) apart. (See Details A & D)
  - Root barrier shall have a Double Top Edge consisting of two parallel, integral, horizontal ribs at the top of the panel at 0.060" (1.52 mm) thickness, 3/8" (9.53 mm) wide and 1/4" (6.35 mm) apart with the lower rib attached to the vertical Root Directing Ribs (See Detail A).
  - Root barrier shall have a minimum of nine (9) Anti-Lift Ground Lock Tabs consisting of integral horizontal ridges of minimum 0.060" (1.52 mm) thickness in the shape of a segment of a circle, the 2-1/4" (57.15 mm) chord of the segment joining the panel wall and the segment, protruding 3/8" (9.53 mm) from the panel. The ground locks on each panel shall be about equally spaced between each of the vertical root directing ribs (See Details B & D).
  - Root barrier shall have an integrated Zipper Joining System for assembly by sliding one panel into another (See Detail C).
- U.S. Patents: 5,305,549; and 5,528,857. Other Patents Pending.





SELECT DESIRED POST CAP OPTIONS:

- SPEAR
PYRAMID

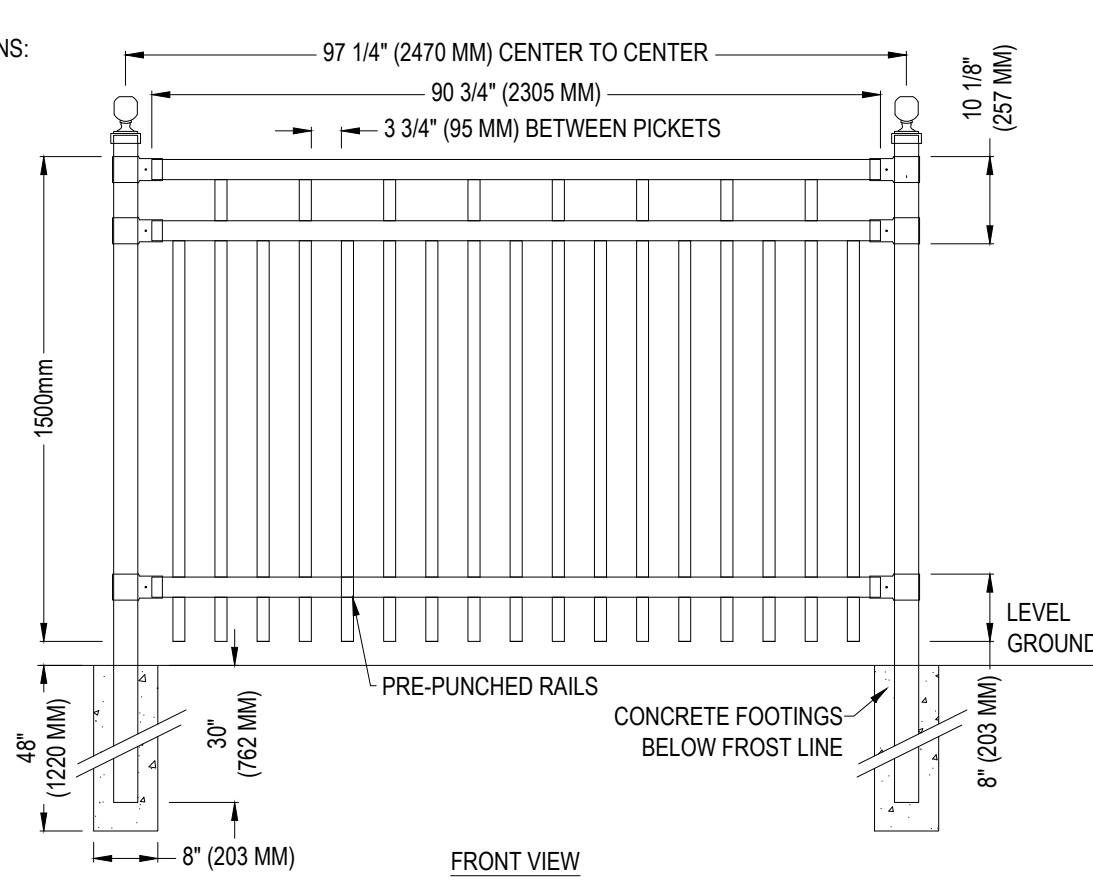
SELECT DESIRED GATE OPTIONS:

- GATE OPENING
LOCK BOX

SELECT DESIRED COLOUR:

- HIGH GLOSS BLACK
WHITE
BROWN
GREEN
FLAT BLACK
TEXTURED BLACK

CUSTOM COLORS AVAILABLE UPON REQUEST
COLOUR TO MATCH BUILDING RAILINGS.



SPECIFICATIONS:

POST RAILS AND PICKETS:

- EXTRUDED MARINE ALUMINUM
CHROMATE CONVERSION COATING
ELECTROSTATICALLY APPLIED
THERMALLY BONDED POLYESTER POWDER COATING
MINIMUM FILM THICKNESS 2.5 MM
E COATING AVAILABLE

POSTS:

- 3" X 3" (76 MM X 76 MM) 7 GAUGE
STANDARD POST SPACING 97" 1/4" (2470 MM)
O.C.
RAILS: 2 1/2" X 1 1/2" (63 MM X 38 MM) 11 GAUGE

PICKETS: 1 1/2" X 3/4" (38 MM X 19 MM) 14 GAUGE.

- FITTINGS: 12 GAUGE STAMPED MARINE ALUMINUM
WELDS: ALUMINUM
STANDARD PANEL WIDTH: 90 3/4" (2305 MM)
STANDARD PANEL HEIGHTS:
REFER TO NUVO IRON CATALOG
OPTIONAL HEIGHTS AVAILABLE UPON REQUEST

STANDARD GATE OPENINGS INSIDE POSTS:

- REFER TO NUVO IRON CATALOG
WARRANTY 5 YEARS:
UPON REQUEST
EXTENDED WARRANTY AVAILABLE

- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER

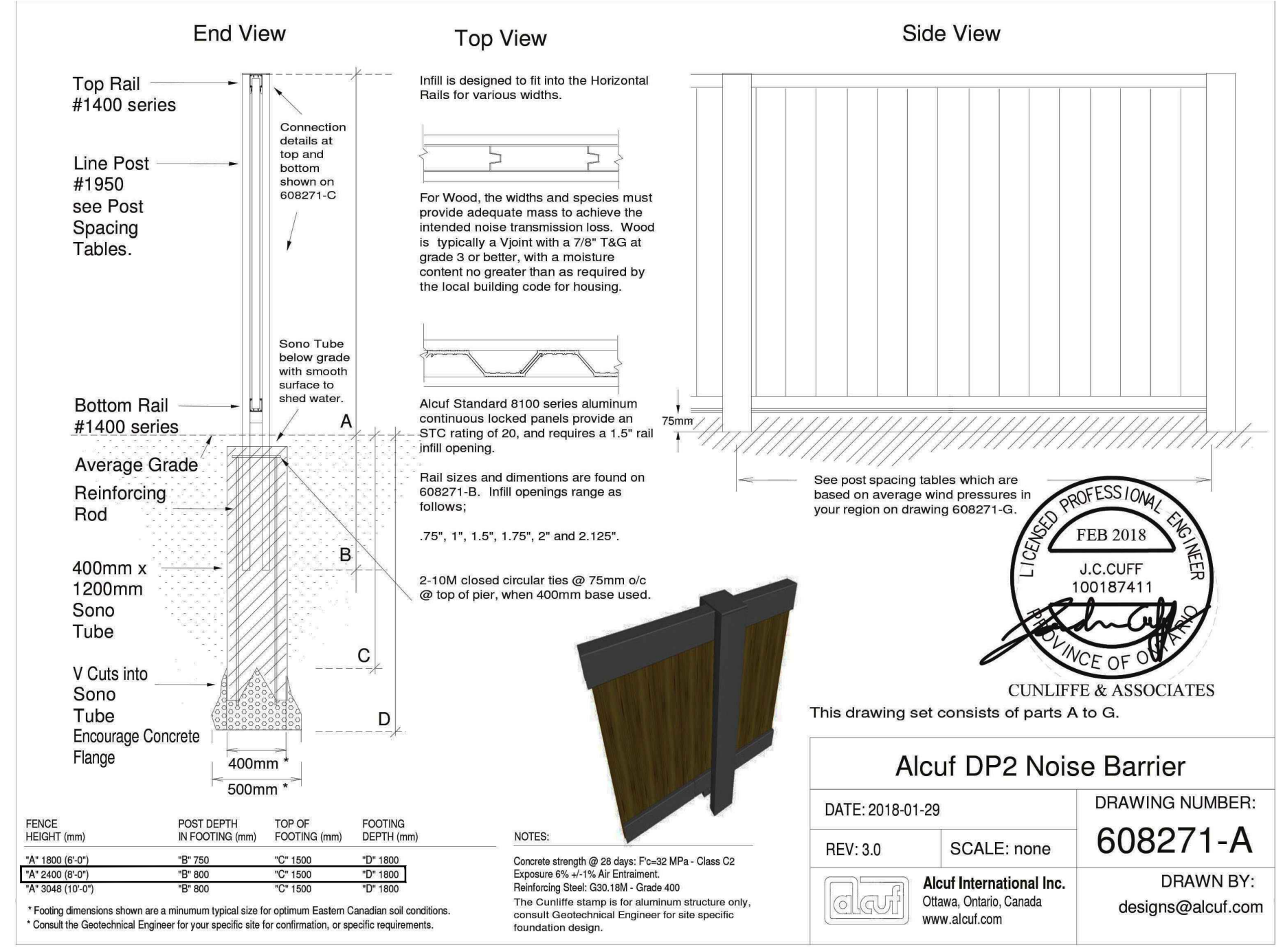
MEMORIAL COLLECTION - ALUMINUM

MEMORIAL COLLECTION: NUVO™ XXV ALUMINUM

ORNAMENTAL RAILING DETAIL

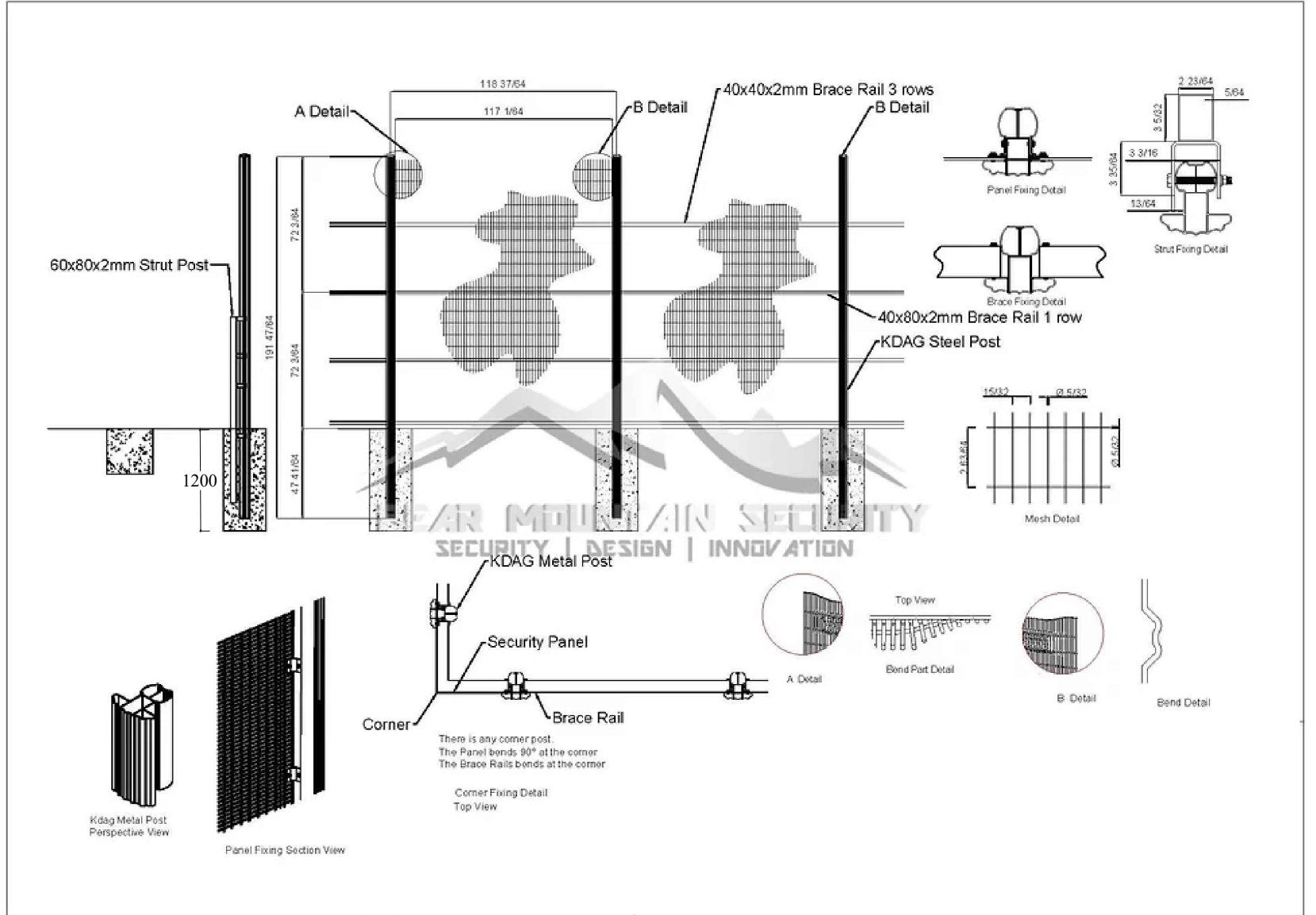
NOTE: RAILING PROVIDED BY NUVO IRON OR APPROVED EQUIVALENT

NOTE: PROVIDE NOTICE TO THE LANDSCAPE ARCHITECT BEFORE THE INSTALLATION OF THE FENCE. WHERE INSTALLED ON TOP OF THE WALL THREADED RODS DEPTH TO BE CERTIFIED BY LANDSCAPE ARCHITECT BEFORE FENCE INSTALLATION. REFER TO L-8.



Alcuf DP2 Noise Barrier
DATE: 2018-01-28
REV: 3.0
SCALE: none
DRAWING NUMBER: 608271-A
DRAWN BY: designs@alcuf.com

RECOMMENDED ACOUSTICAL FENCE DETAIL OR MINIMUM APPROVED EQUAL (BSD-1200 WITH PILLARS BSD-1203)



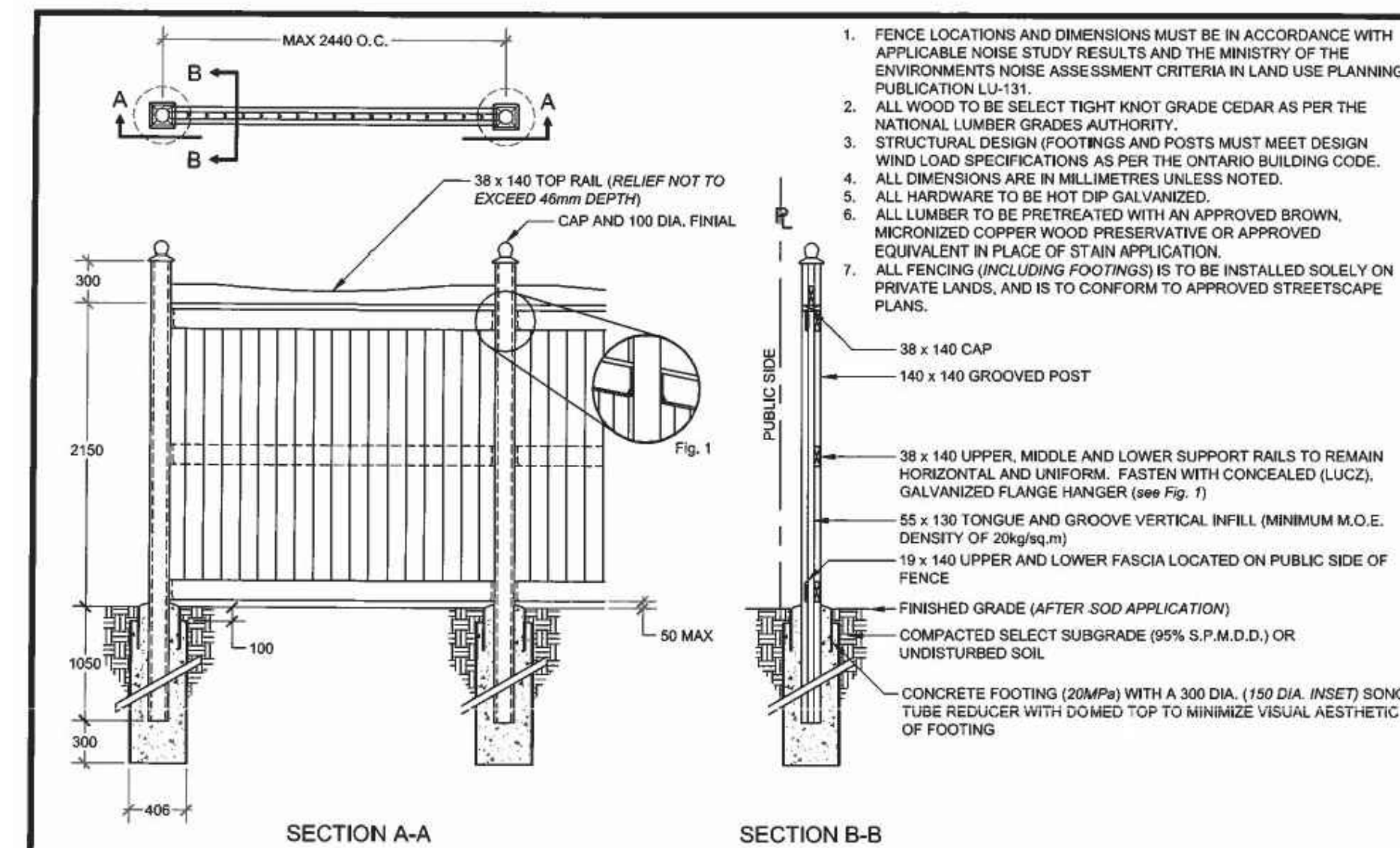
2.43m HIGH-SECURITY FENCE DETAILS (typ.) REFER TO METROLINX FENCE REQUIREMENTS ON THIS PAGE

High Security Fencing
The high security fence height above ground shall be 2.4 m.
The panel mesh shall consist of a minimum 4mm diameter high tensile wire, with aperture sizes (openings) 76.2mm x 12.7mm on center or smaller fastened to suitable posts that allow for a minimum foundation depth of 1200 mm.

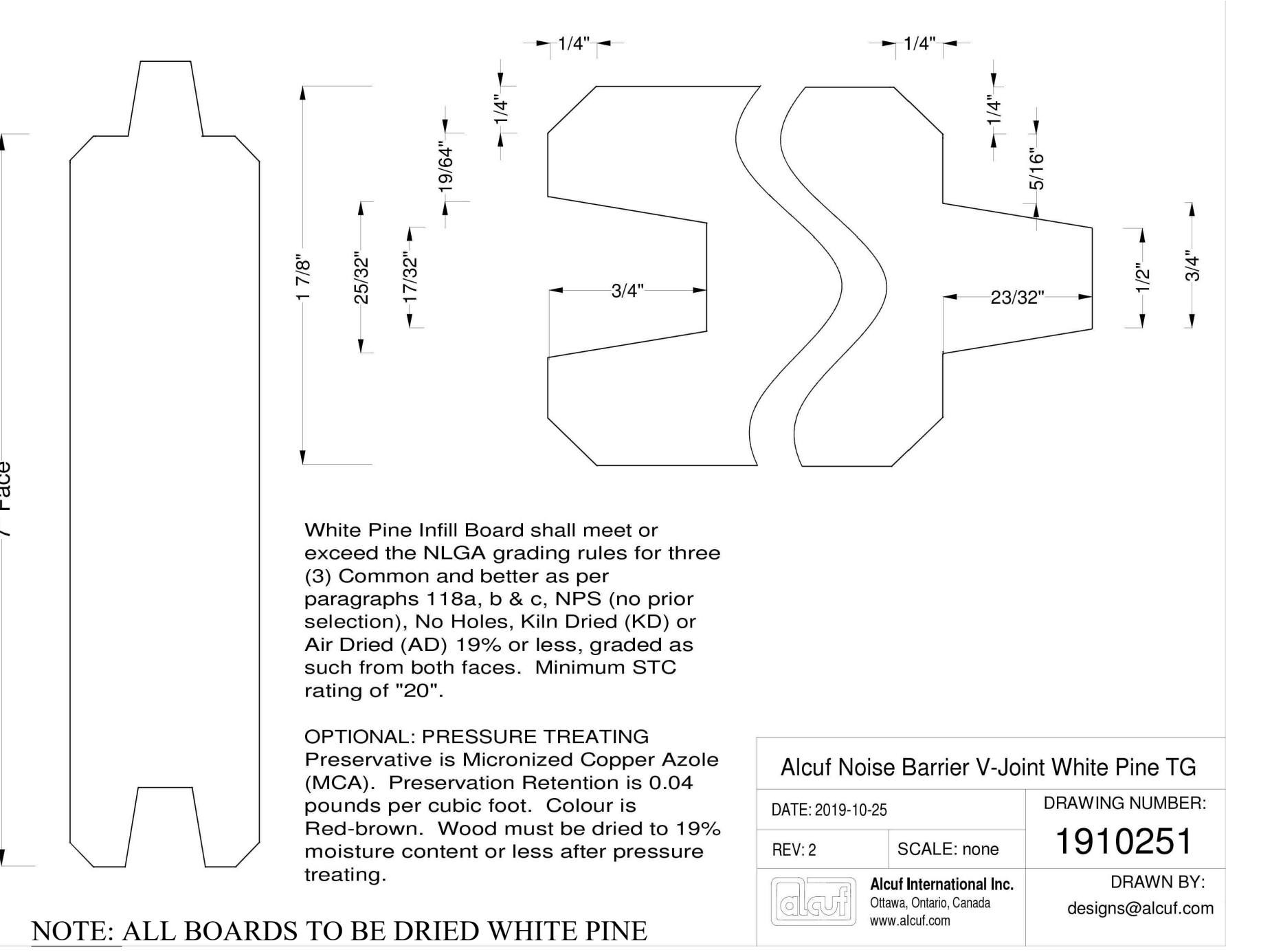
SECURITY FENCE TO BE INSTALLED ON THE PROPERTY LINE. THE ADJACENT LANDOWNER IS RESPONSIBLE FOR THE CONTINUED MAINTENANCE AND UPKEEP OF FENCING SYSTEMS ALONG THE MUTUAL PROPERTY LINE.

2.43m HIGH-SECURITY FENCE METROLINX REQUIREMENTS

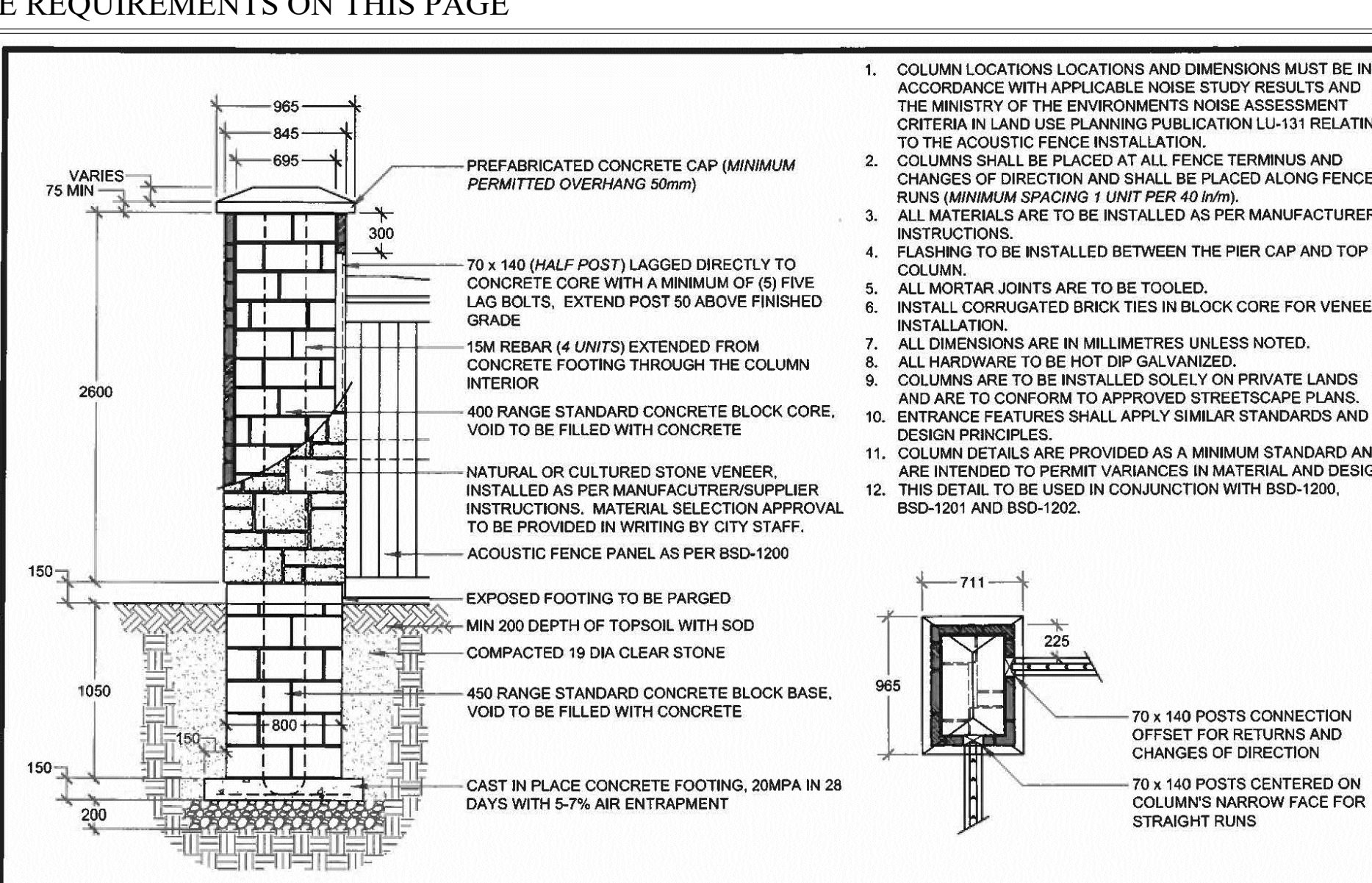
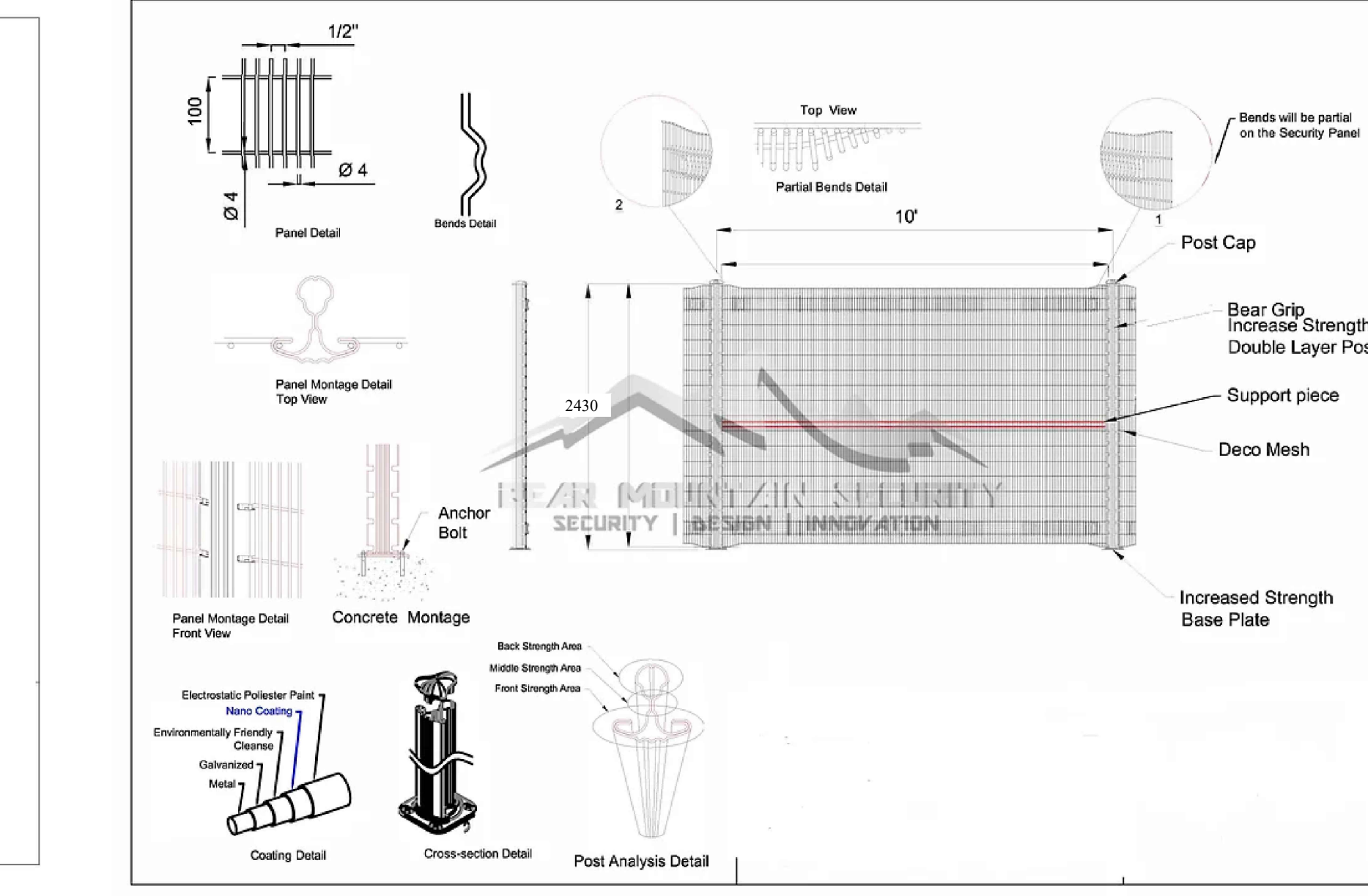
NOTE: HEIGHT OF THE FENCE ADJACENT TO THE METROLINX CORRIDOR TO BE 2.43m. SHOP DRAWING TO BE PROVIDED BEFORE INSTALLATION TO THE LANDSCAPE ARCHITECT AND THE CITY OF BARRIE FOR APPROVAL.



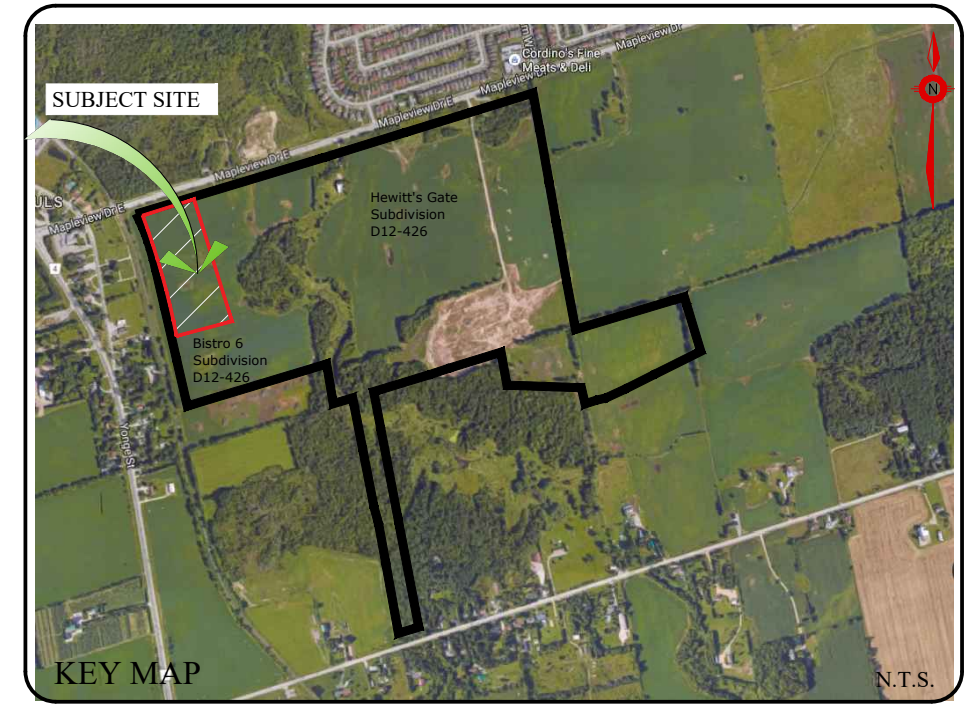
The City of BARRIE
ACQUSTIC FENCE
REV No. 1
DATE: JUNE 2015
SCALE: N.T.S.
APPROVED
DATE: June 10/15
FORMERLY BSD-19A



NOTE: ALL BOARDS TO BE DRIED WHITE PINE
\*) pressure treated wood not recommended for this type of fence due to boards shrinking as result of the additional moisture.
ALL ALUMINUM PARTS TO BE PAINTED BLACK



The City of BARRIE
ACQUSTIC FENCE MASONRY COLUMN
REV No. 1
DATE: JUNE 2015
SCALE: N.T.S.
APPROVED
DATE: June 10/15
FORMERLY BSD-1203



GENERAL NOTES
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SCHEDULED MEETINGS SHALL TAKE PLACE AT THE CLOSEST MUTUALLY CONVENIENT TIME.

Table with 4 columns: No., REVISION, DATE, AFRVD.
1. SUBMITTED TO THE CITY OF BARRIE June 21, 2021 SFT
2. AS PER REVISED GRADING PLAN August 13, 2021 SFT
3. AS PER CITY COMMENTS January 25, 2021 SFT
4. AS PER METROLINX COMMENTS & REVISED GRADING PLAN February 25, 2022 SFT

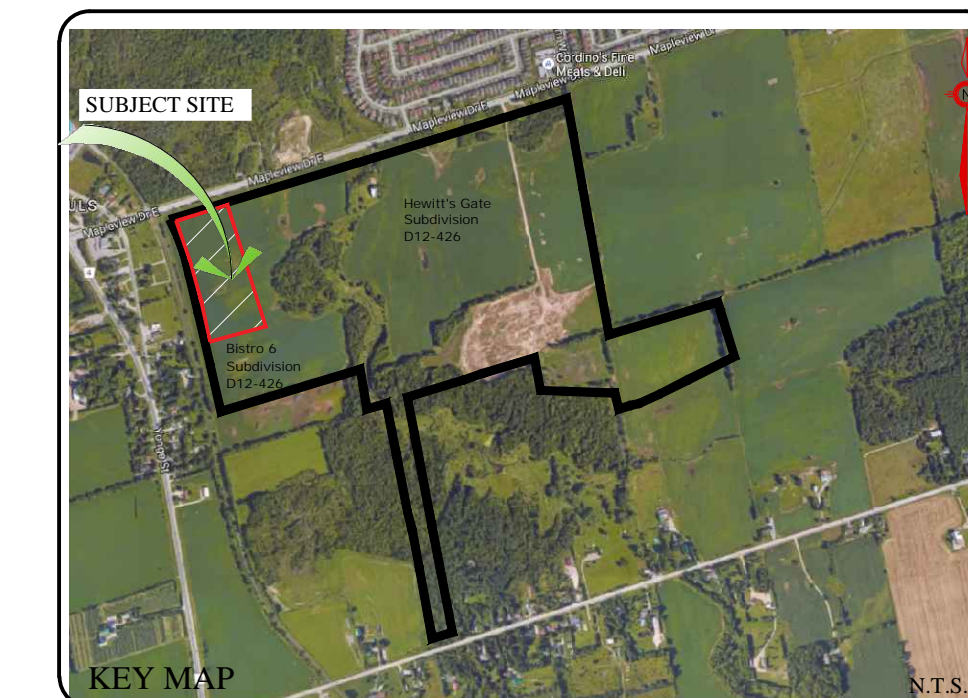
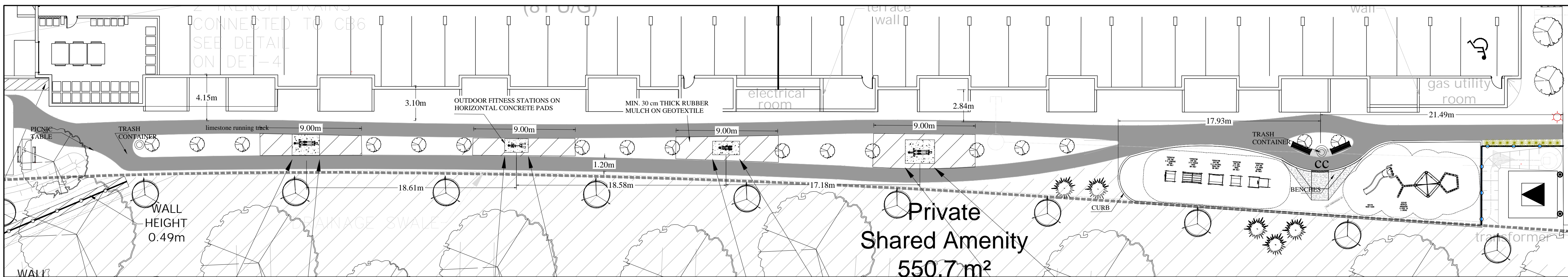
PRATT HANSEN GROUP INC.
BASE INFORMATION PROVIDED BY: The Jones Consulting Group Ltd.
229 Mapleview Drive East, Unit 1
Barrie, ON L4N 6W5
Phone: (705) 734-2538 ext 284 Fax: (705) 734-1056
BASE PLAN REVISED: October, 2020

LANDSCAPE ARCHITECT'S STAMP
Urban Designers
Landscape Architects
Arborsit

JDB ASSOCIATES LTD.
274 Burton Ave., Suite 1201
Barrie, Ontario
L4N 6W4
Fax: 705-722-5660
Tel: 705-722-6278

Bistro 6 West ELEMENTS
723 Mapleview Dr. E
City of Barrie

FENCING DETAILS
SCALE: NTS
DATE:
DESIGNED BY: SFT
REVIEWED BY: NB
CITY FILE No. D11-004-2021
OUR FILE REF. # 25-20
DRAWN BY: SFT
L-4



**GENERAL NOTES**

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**ELLIPTICAL**

**LAT PULL**

**LOWER BODY STRETCHER / STEPPER**

**KNEE LIFT / PULL-UP STATION**

**FITNESS SIGNS**

Specifications and installation details for various ActiveFit equipment. Includes dimensions, weights, and concrete pad requirements.

EXERCISE EQUIPMENT STATIONS TO BE INSTALLED ON CONCRETE FOOTINGS AS PER THE MANUFACTURER'S SPECIFICATIONS



NOTE: ALL TOYS AND EQUIPMENTS TO BE INSTALLED ON CONCRETE FOOTINGS UNDER THE SUPERVISION OF THE LANDSCAPE ARCHITECT. REFER TO THE MANUFACTURER'S SPECIFICATIONS.

**Bistro 6 West**  
BARRIE, ON

ABC RECREATION LTD.  
MIKE KITCHEN

PLAYBOOSTER  
DRAWING #: 201022

©COPYRIGHT: 10/09/2020  
LANDSCAPE STRUCTURES, INC.  
DESIGNED BY: SRJ

landscapestructures.com

801 7th Street South • P.O. Box 198  
Bellevue, Minnesota 55338  
Tel: 1-800-328-0325 Fax: 1-763-497-4971

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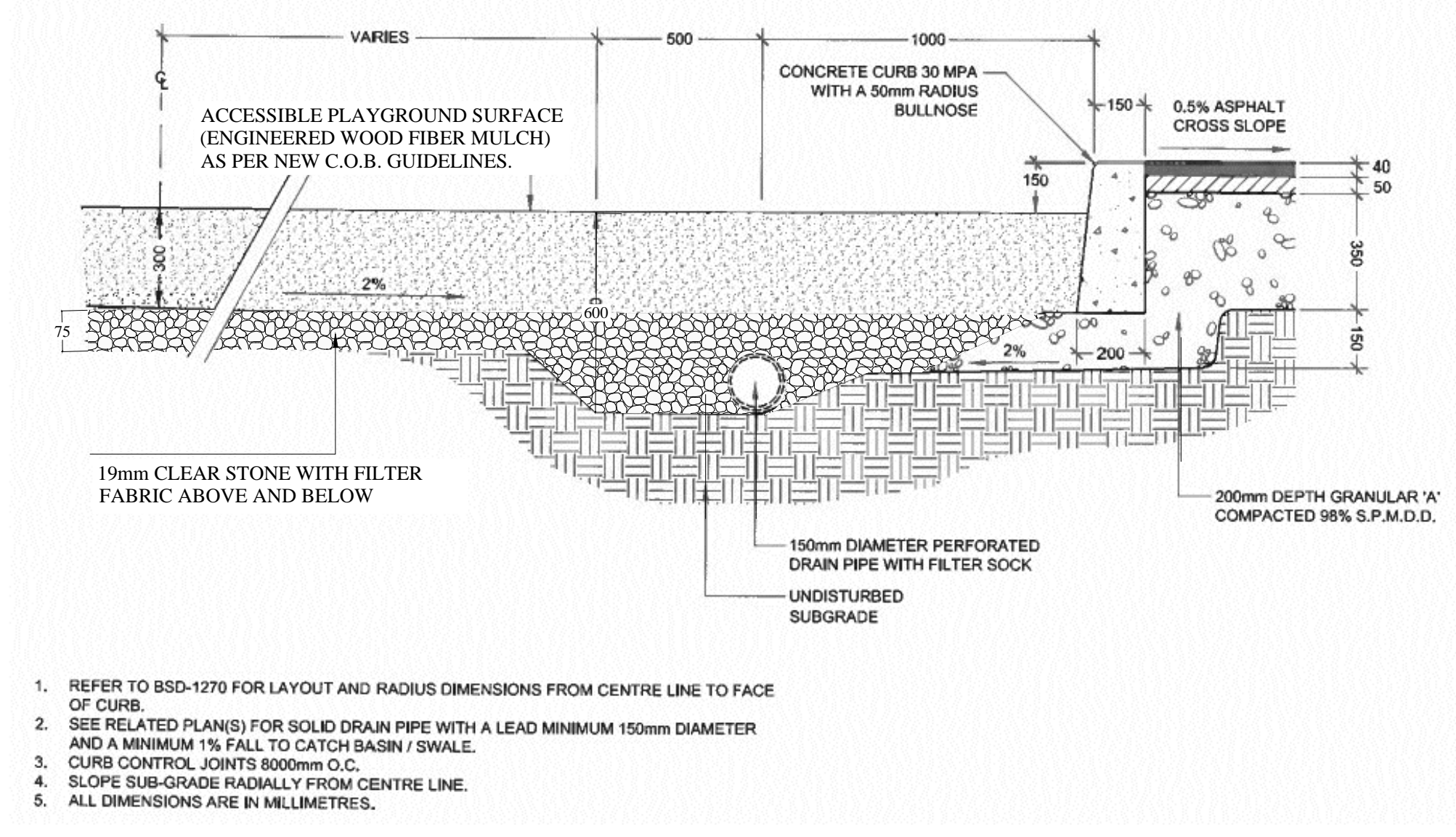
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**PRATT HANSEN GROUP INC.**

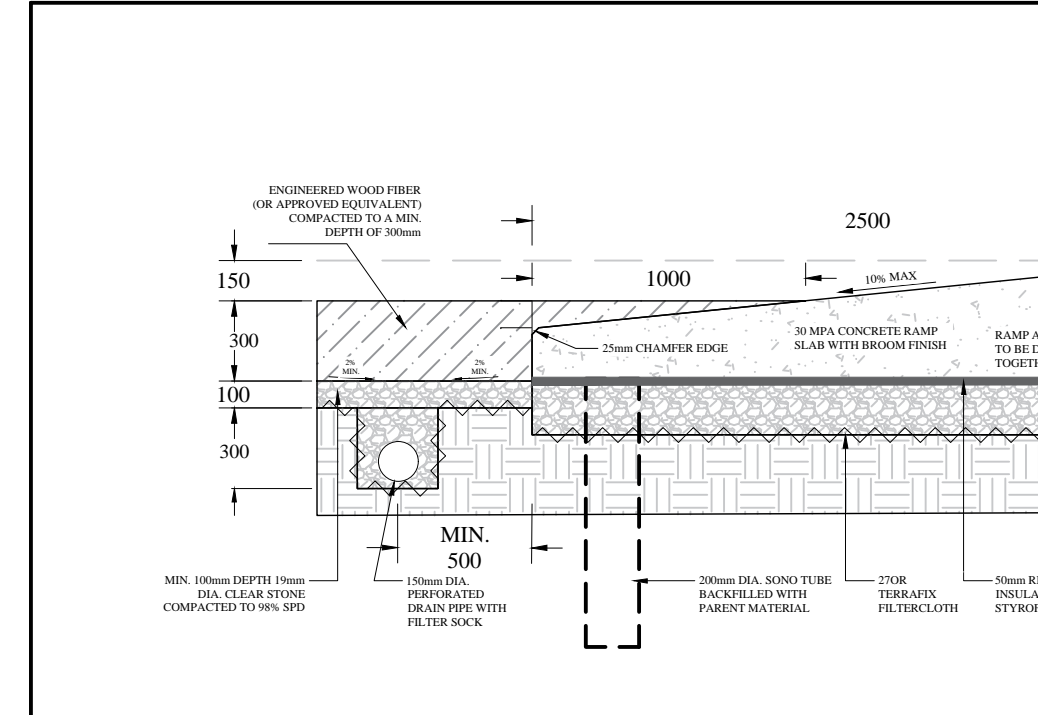
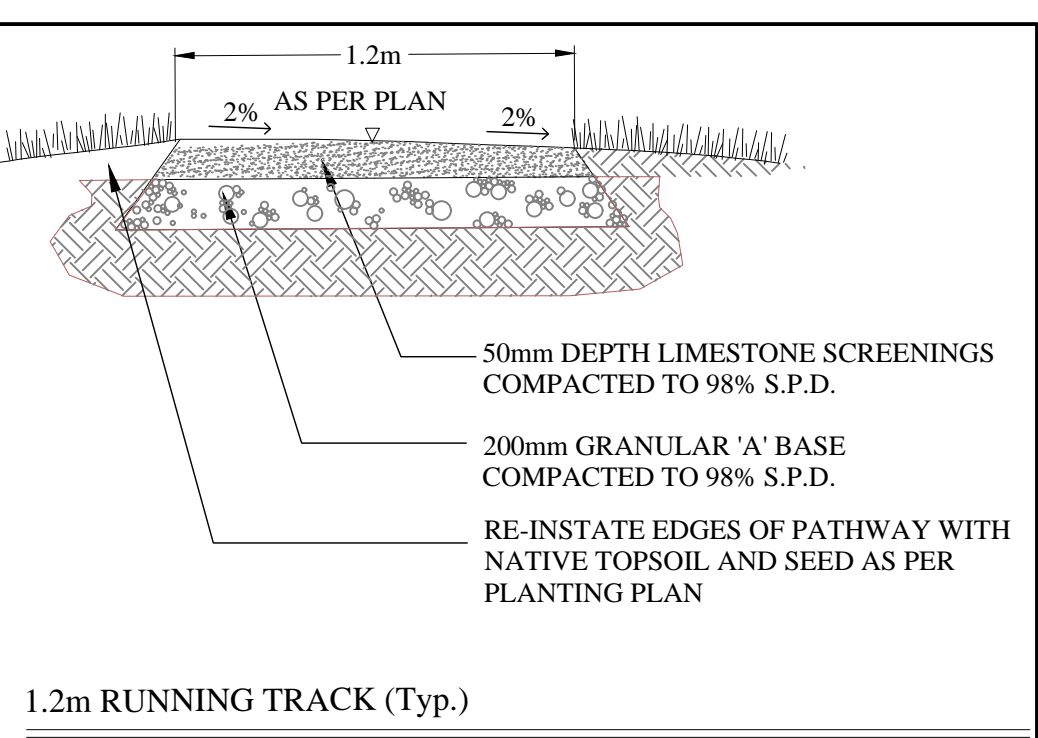
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Part of Lot 16, Concession 11  
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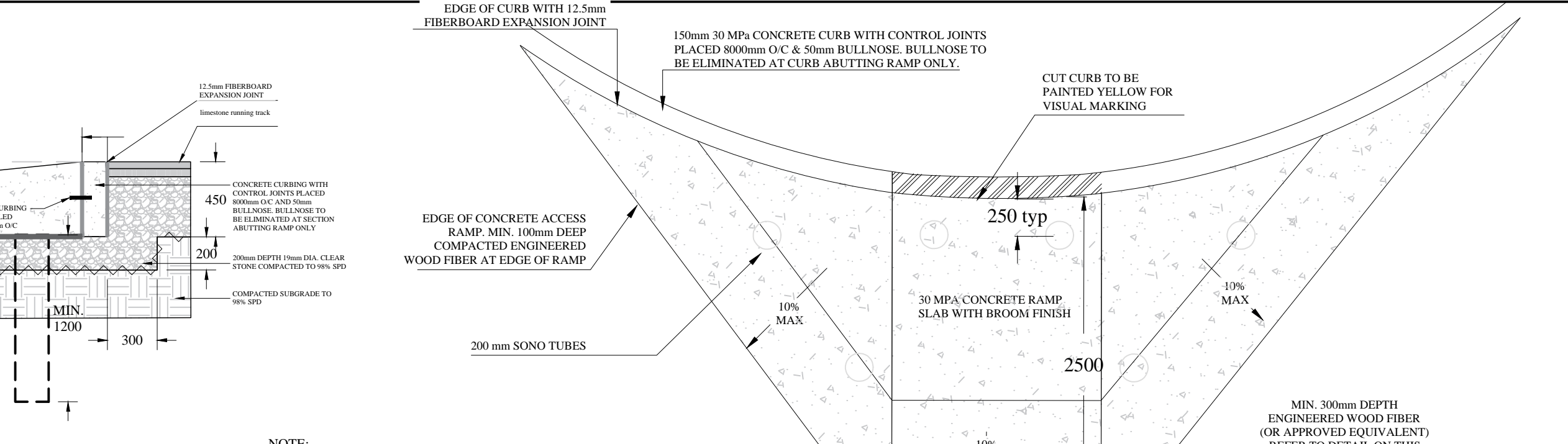
CLIENT NAME: \_\_\_\_\_  
PROJECT LEGAL DESCRIPTION: \_\_\_\_\_



TYPICAL PLAY AREA CURB AND DRAINAGE DETAIL



SECTION



NOTE: ALL DIMENSION SHOWN IN MILLIMETERS UNLESS OTHERWISE STATED. SAW CUTS CONTROL JOINTS TO BE DETERMINED ON SITE.

**JDB ASSOCIATES LTD.**

Urban Designers  
Landscape Architects  
Arborists

274 Burton Ave., Suite 1201  
Barrie, Ontario  
L4N 6W4

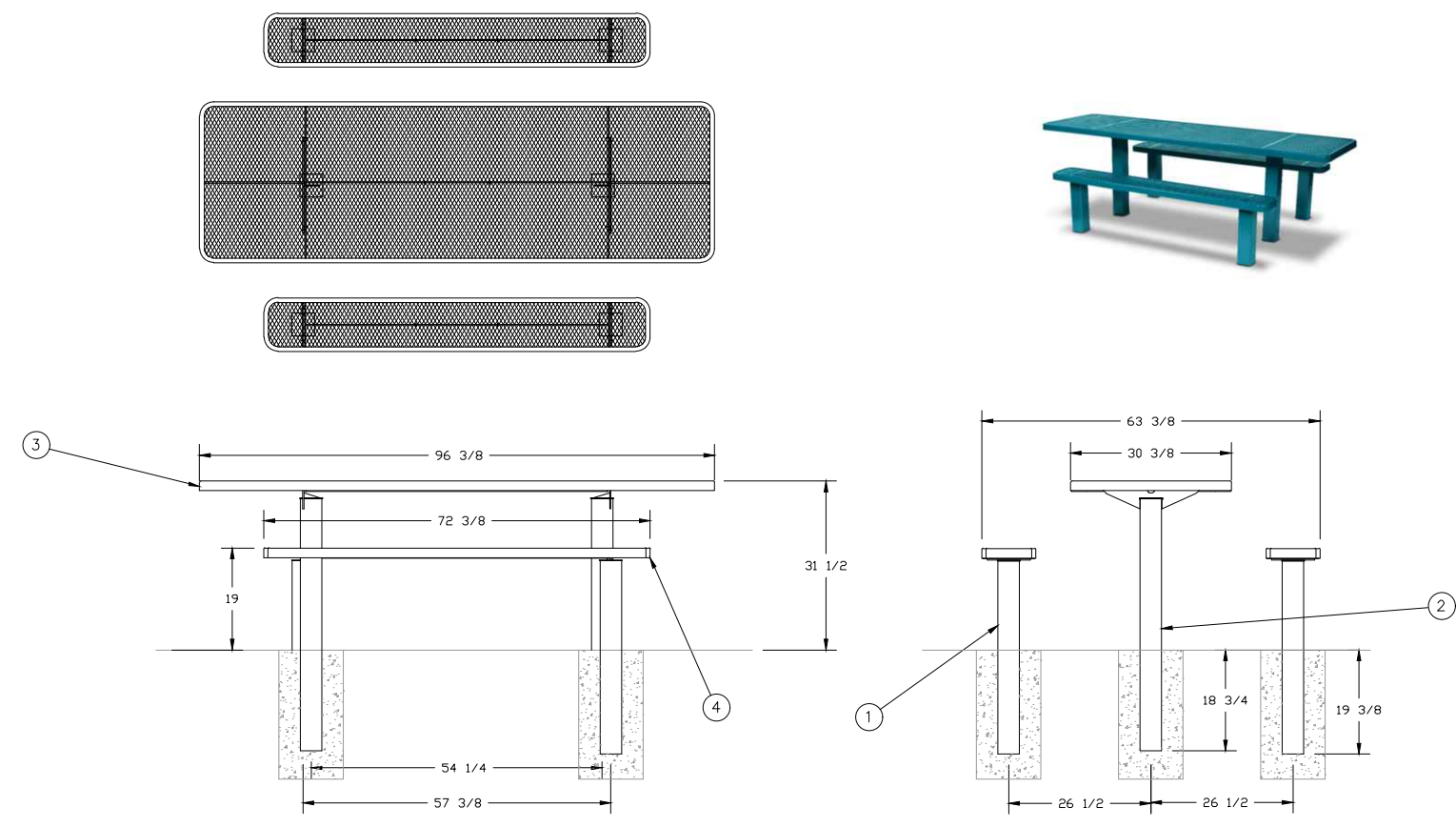
Fax: 705-722-5660  
Tel: 705-722-6278

**Bistro 6 West ELEMENTS**

723 Mapleview Dr. E  
City of Barrie

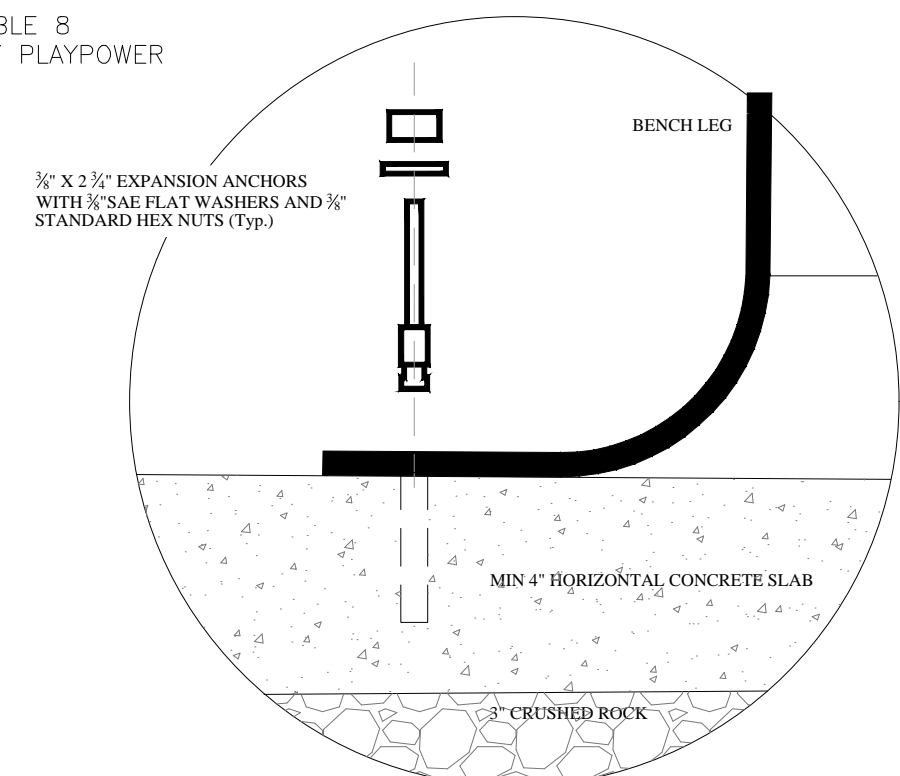
AMENITY AREA DETAILS

SCALE:	DATE:	DESIGNED BY:	REVIEWED BY:
NTS		SJT	NB
CITY FILE No. D11-004-2021	OUR FILE REF. # 25-20	DRAWN BY: SIT	L-5

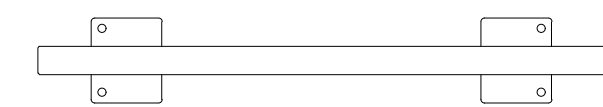


NOTES:  
 1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES AND PER ASME Y14.5M-1994.  
 2. ALL DIMENSIONS AFTER PLASTISOL COATING.  
 3. DO NOT SCALE DRAWING.

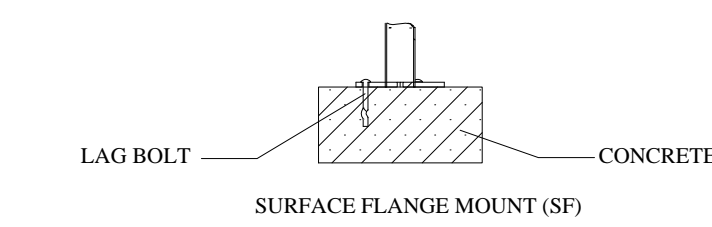
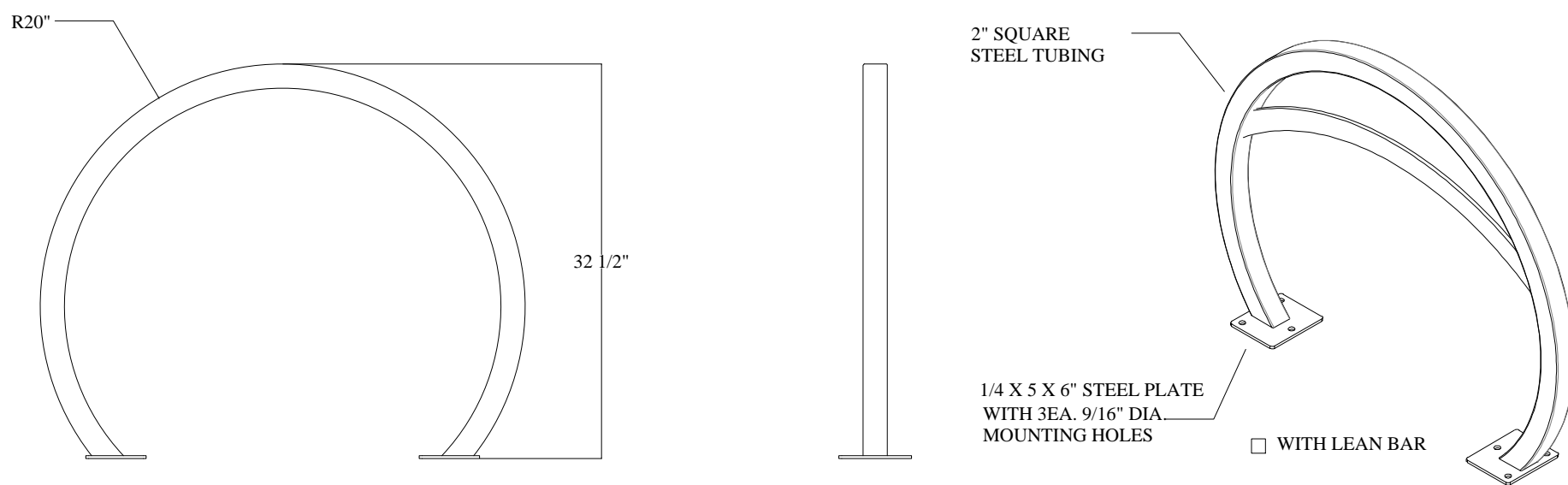
SIGNATURE SERIES PICNIC TABLE 8  
 WABASH VALLEY PROVIDED BY PLAYPOWER



ACCESSIBLE PICNIC BENCH DETAIL (Typ.)



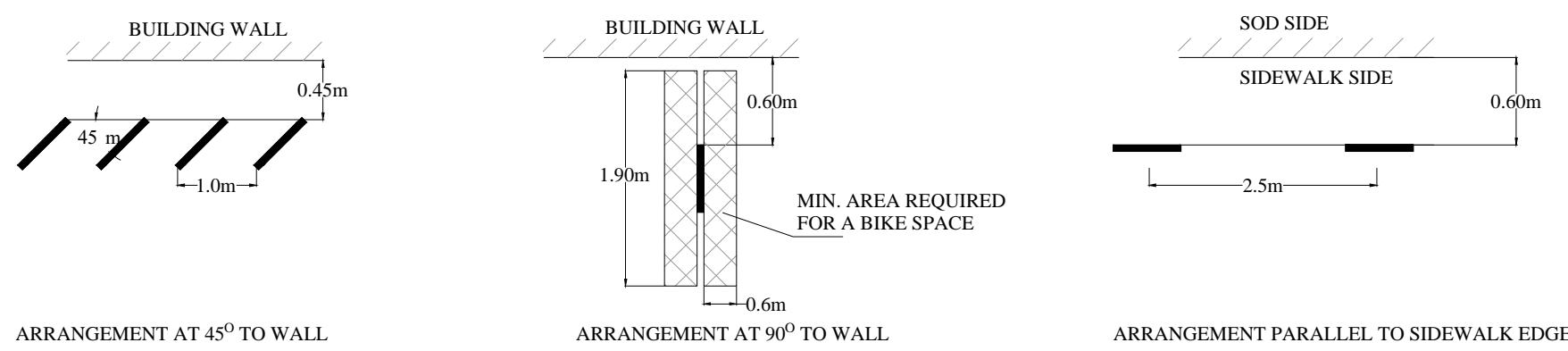
LANDMARK BY CROZIER  
 1 YONGE STREET, SUITE 1801  
 TORONTO, ONTARIO M5E 1W7  
 416.241.7727  
 www.landmark-crozier.ca



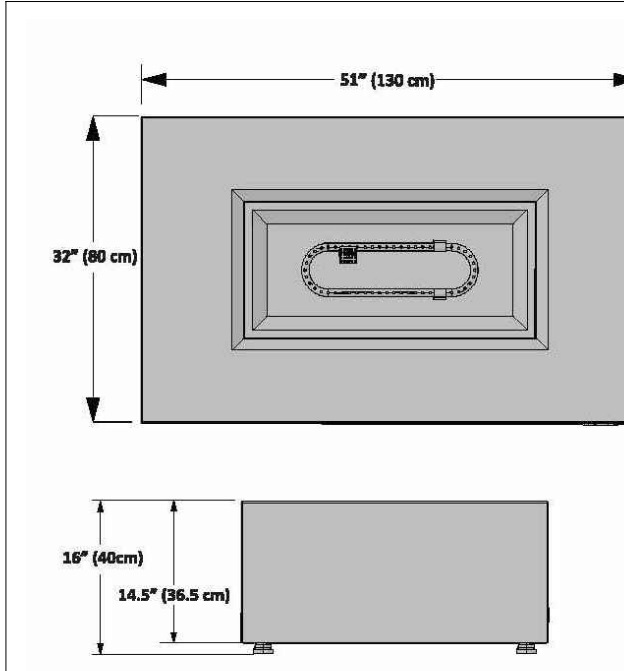
NOTES:  
 1. INSTALL BIKE RACKS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.  
 2. CONSULTANT TO SELECT COLOR (FINISH), SEE MANUFACTURER'S SPECIFICATIONS.  
 3. SEE SITE PLAN FOR LOCATION OR CONSULT OWNER.

PRODUCT: ORNS-2(LB)-IG(SF)  
 DESCRIPTION: ORION BIKE RACK

SECTION VIEWS



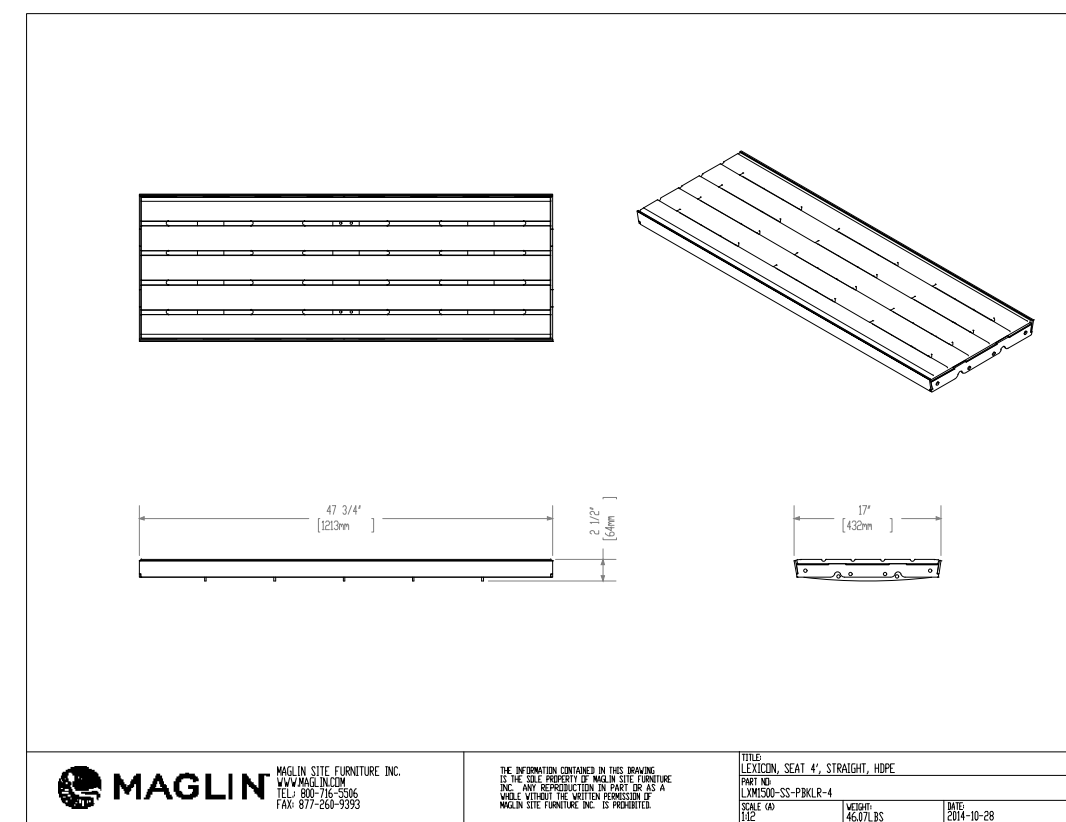
BIKE RACK DETAIL (Typ.)



INPUT			MINIMUM CLEARANCE TO COMBUSTIBLES	
MODEL	FUEL	MAX. INPUT Btu/Hr	INCHES	MM
UPTN1	Propane Gas	50,000	Side Walls	48 1220
			Top of unit to ceiling	72 1830

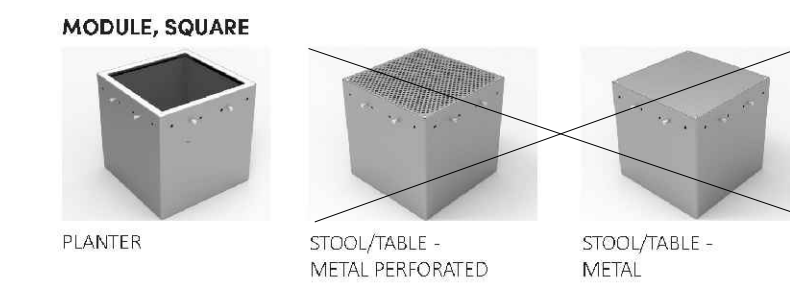
GAS INLET PRESSURE RANGE	
	PROPANE
Minimum	8\"/>
Maximum	13\"/>

Napoleon Uptown Patioflame Table

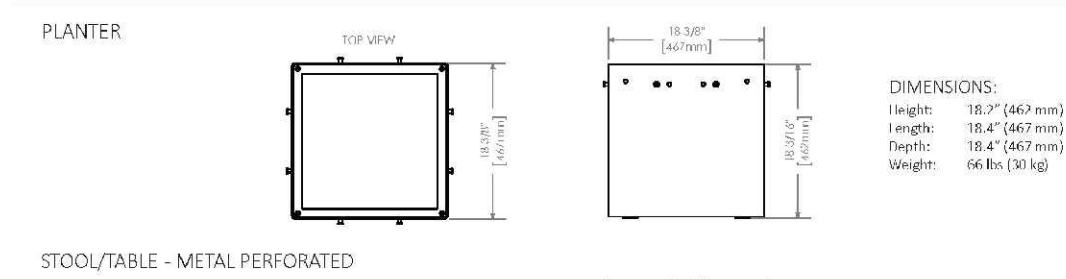


MAGLIN  
 10000 WALKER  
 10000 WALKER  
 10000 WALKER

MODULES



MATERIALS: Modules are made from steel. Tops employ laser cut and/or perforated steel tops.  
 FINISH: All steel components are protected with E-Coat rust proofing. The Maglin Powdercoat System provides a durable finish on all metal surfaces.  
 INSTALLATION: Individual components come pre-assembled. Reference the LEXICON INSTALLATION INSTRUCTIONS document for onsite assembly and installation.  
 TO SPECIFY: Select LEXICON Series:  
 Choose: Style: [LXMI500-MPS-M] (Module - Planter) [LXMI500-MSS-M] (Module - Stool/Table - Metal Perforated) [LXMI500-MSS-M] (Module - Stool/Table - Metal)  
 Powdercoat color: \_\_\_\_\_



LEXICON

NOTE:  
 ALL PARK FURNITURE TO BE INSTALLED ON A HORIZONTAL, MIN. 4\"/>



MAGLIN MLWR400-25 Trash Container

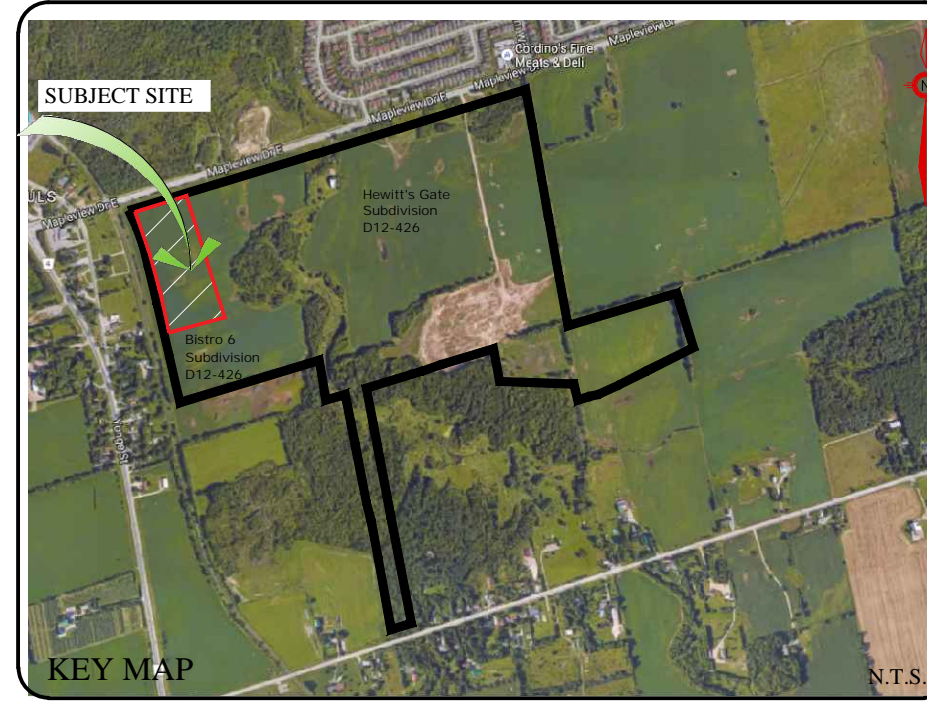
MATERIALS  
 The MLWR400-25 Trash Container frame is constructed using H.S. steel tube. The sides are constructed with, lasered steel panels. A 25 gallon commercial grade plastic liner and metal lid are provided.  
 DIMENSIONS  
 MLWR400-25-M MLWR400-25-W MLWR400-25-PC(X) MLWR400-25-R(X)  
 Height: 30.00\"/>

FINISHES  
 All steel components protected with E-Coat Rust Proofing.



MAGLIN BENCH LEXICON MODEL #LAYT\_LXM1500-00008 WITH LEXICON, MODULE, PLANTER, SQUARE, METAL, PART NO. LXMI500-MPS-M

SITE FURNITURE Typ. OR SIMILAR EQUAL



GENERAL NOTES

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PRATT HANSEN GROUP INC.

CLIENT NAME

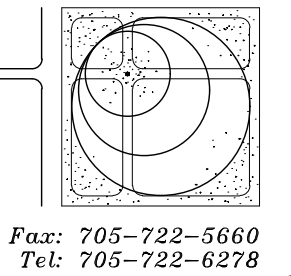
BASE INFORMATION PROVIDED BY:  
 The Jones Consulting Group Ltd.  
 229 Mapleview Drive East, Unit 1  
 Barrie, ON L4N 0W5  
 Phone: (705) 734-2538 ext. 294 Fax: (705) 734-1056  
 BASE PLAN REVISED: October, 2020

Block 598 on Hewitt's Gate Draft Plan  
 Part of Lot 16, Concession 11  
 City of Barrie, County of Simcoe  
 PROJECT LEGAL DESCRIPTION



JDB ASSOCIATES LTD.

Urban Designers  
 Landscape Architects  
 Arborists  
 274 Burton Ave., Suite 1201  
 Barrie, Ontario  
 L4N 6W4



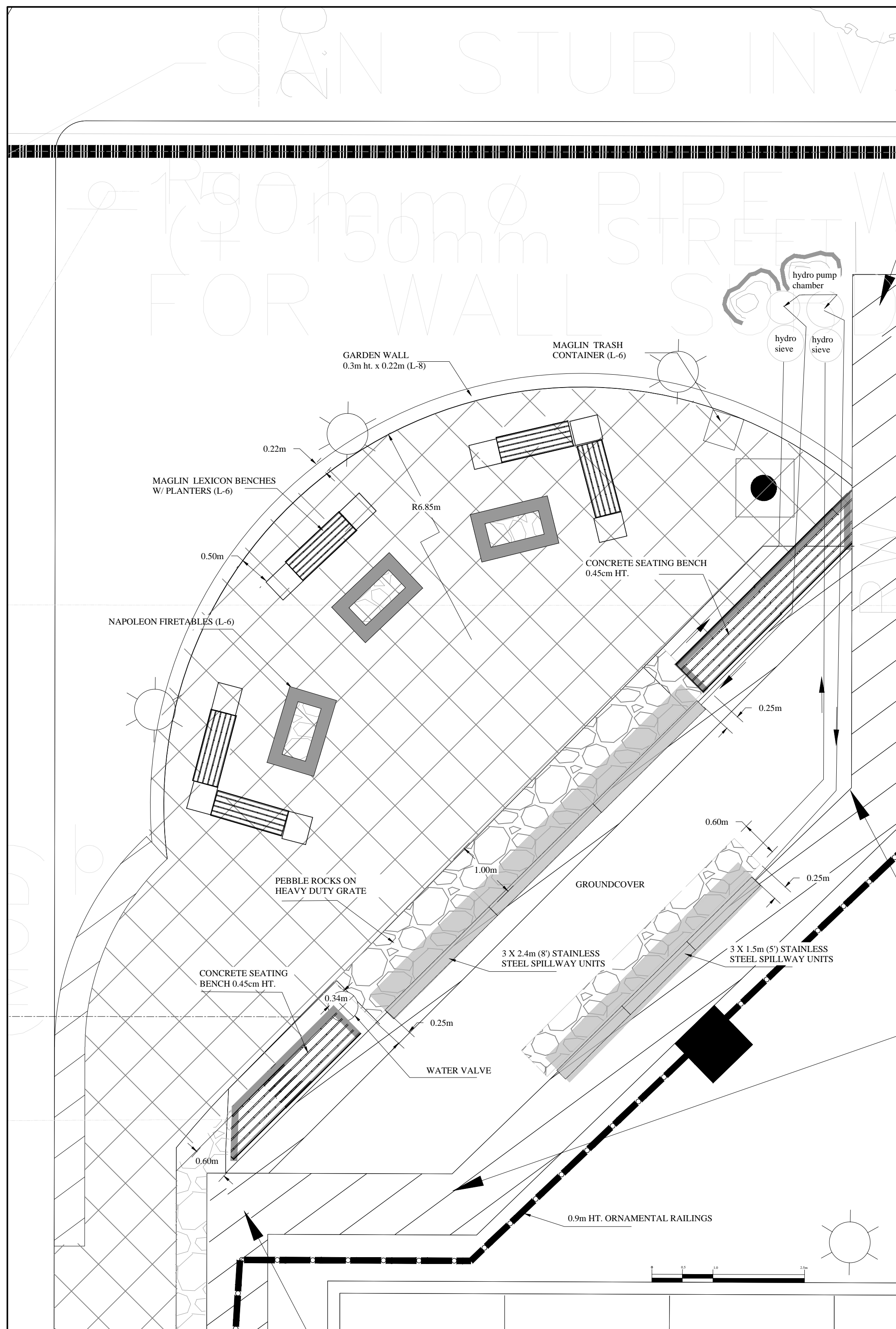
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 Tel: 705-722-6278

Bistro 6 West ELEMENTS

723 Mapleview Dr. E  
 City of Barrie

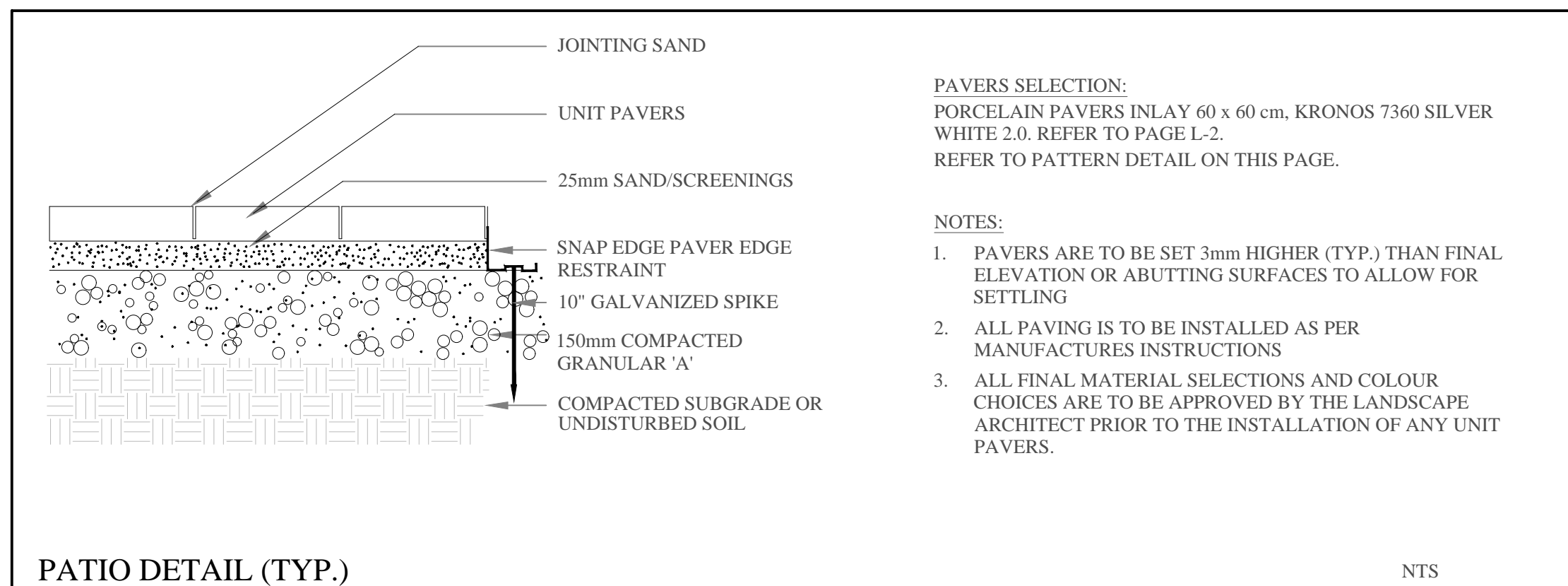
SITE FURNISHINGS DETAILS

SCALE:	DATE:	DESIGNED BY:	REVIEWED BY:
NTS		SJT	NB
CITY FILE No. D11-004-2021	OUR FILE REF. # 25-20	DRAWN BY: SJT	L-6



PATIO LAYOUT DETAIL

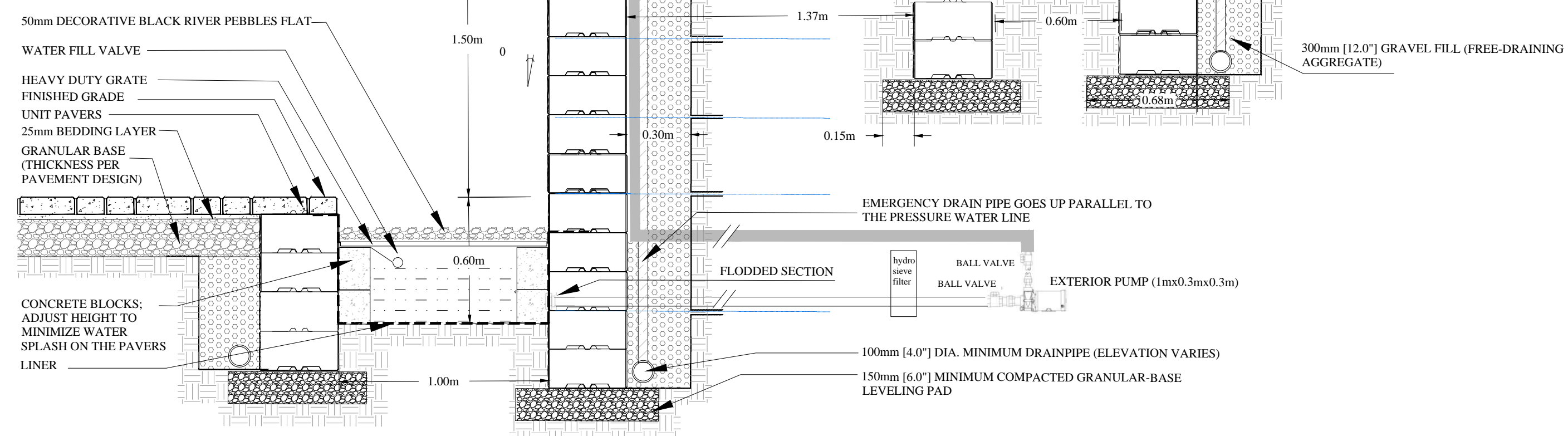
SCALE: 1/50



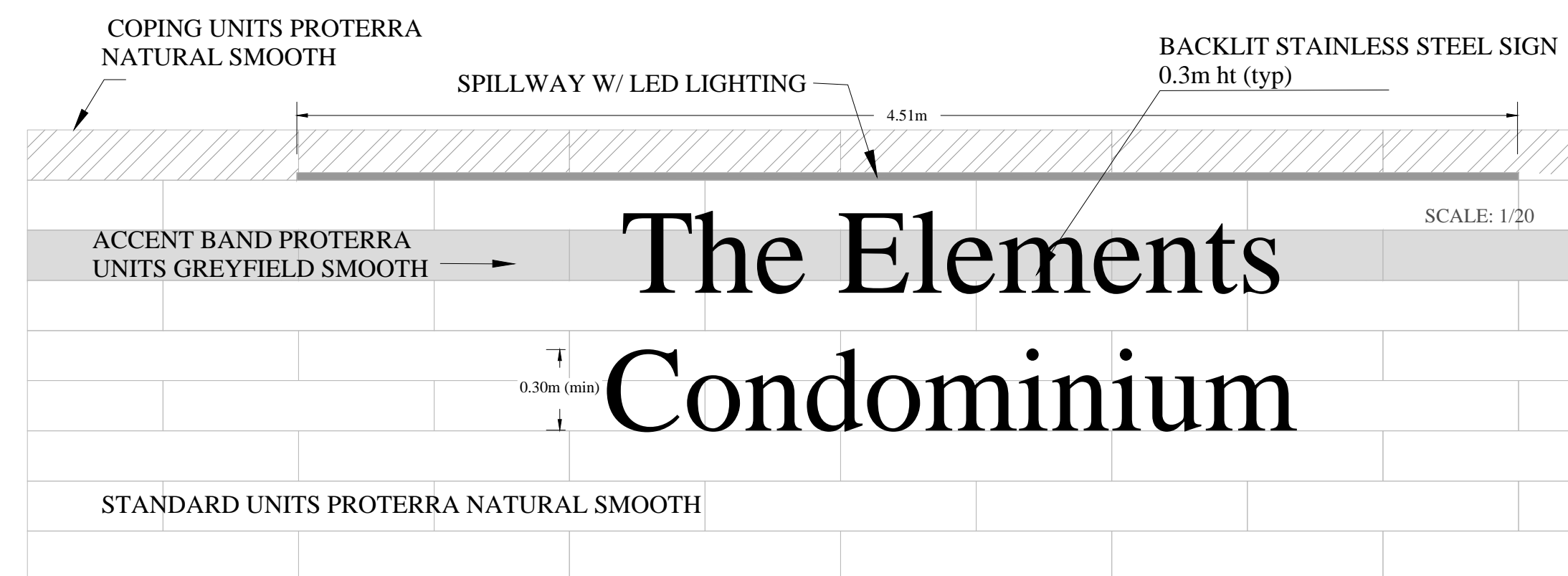
PATIO DETAIL (TYP.)

NTS

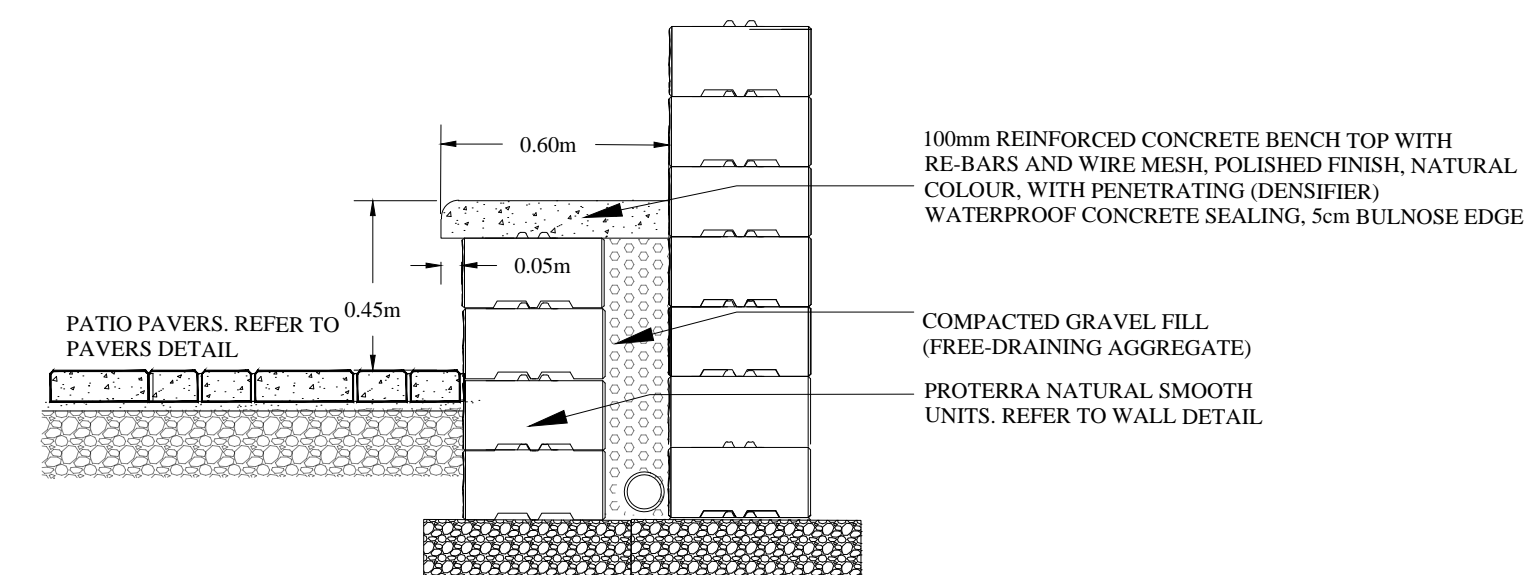
SHOP DRAWINGS TO BE PROVIDED TO THE LANDSCAPE ARCHITECT BY THE CONTRACTOR FOR FINAL APPROVAL BEFORE COMMENCING CONSTRUCTION



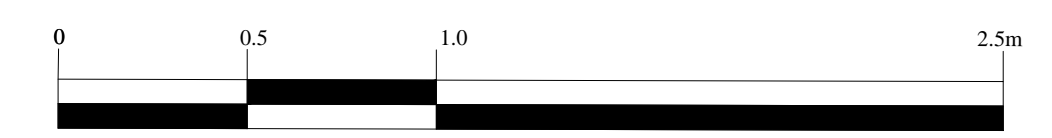
WATERFALL DETAIL



WALL W/SIGN ELEVATION



CONCRETE SEATING BENCH DETAIL



SCALE: 1:20

**MARQUIS GARDENS**

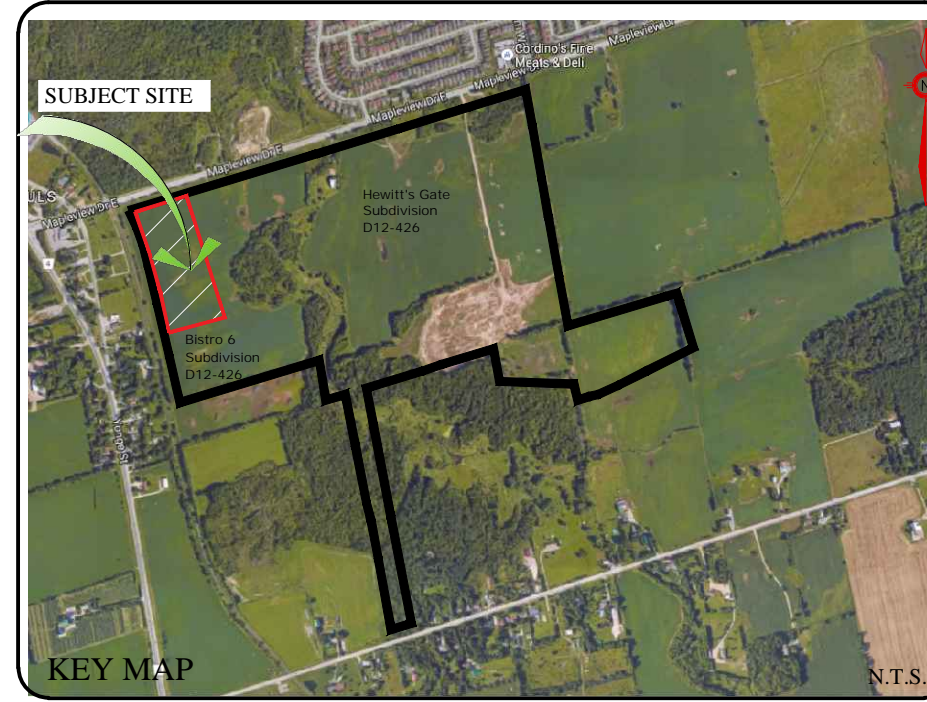
Marquis Gardens Ltd.  
2833 Hwy 7, Concord, ON, L4C 1W2  
1-800-740-9611  
sales@marquisgardens.com  
www.marquisgardens.com  
www.marquisgardens.com

FLATTEN THE EDGE BETWEEN THE UNITS WHEN CONNECTED MORE UNITS IN A ROW.

STAINLESS STEEL WEIR - LONG LIP 5' SEG3088

NOTE: ALL INFORMATION ENCLOSED WAS CURRENT AT THE TIME OF DEVELOPMENT. IT SHOULD BE REVIEWED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.

WATERFALL DETAIL (waterfall kit by Marquis Gardens or similar equal)



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THIS DRAWING IS NOT TO BE SCALED.

**PRATT HANSEN GROUP INC.**

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Barrie, ON L4N 0W5  
Phone: (705) 734-2538 ext. 294 Fax: (705) 734-1056  
BASE PLAN REVISED: October, 2020

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Part of Lot 16, Concession 11  
City of Barrie, County of Simcoe

CLIENT NAME: \_\_\_\_\_

PROJECT LEGAL DESCRIPTION: \_\_\_\_\_

**JDB ASSOCIATES LTD.**

Urban Designers  
Landscape Architects  
Arborists

274 Burton Ave., Suite 1201  
Barrie, Ontario  
L4N 6W4

Fax: 705-722-5660  
Tel: 705-722-6278

LANDSCAPE ARCHITECTS STAMP  
(705) 722-6278

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Barrie, Ontario  
L4N 6W4

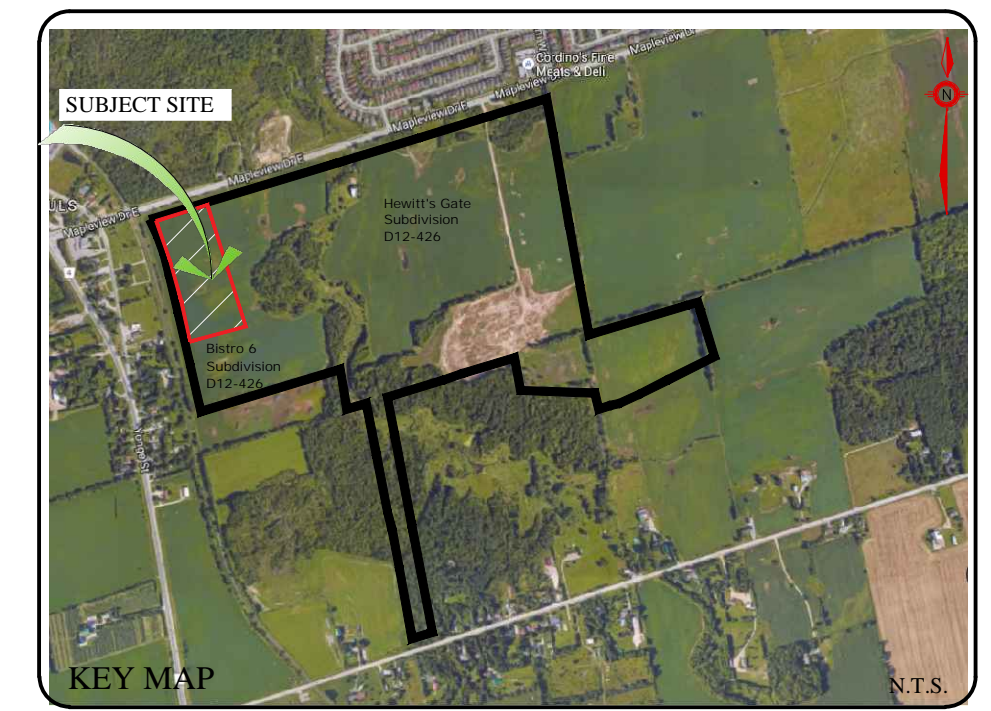
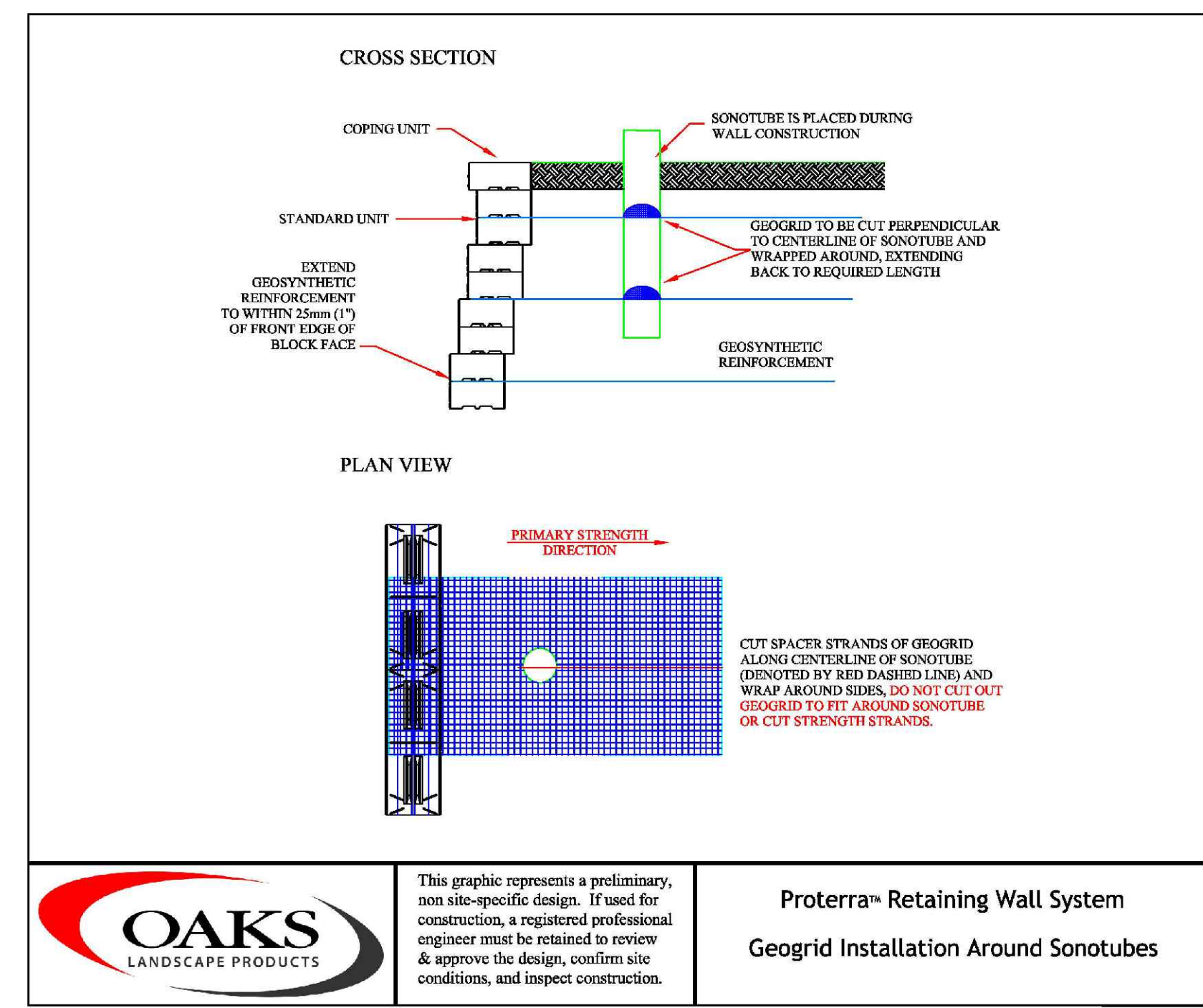
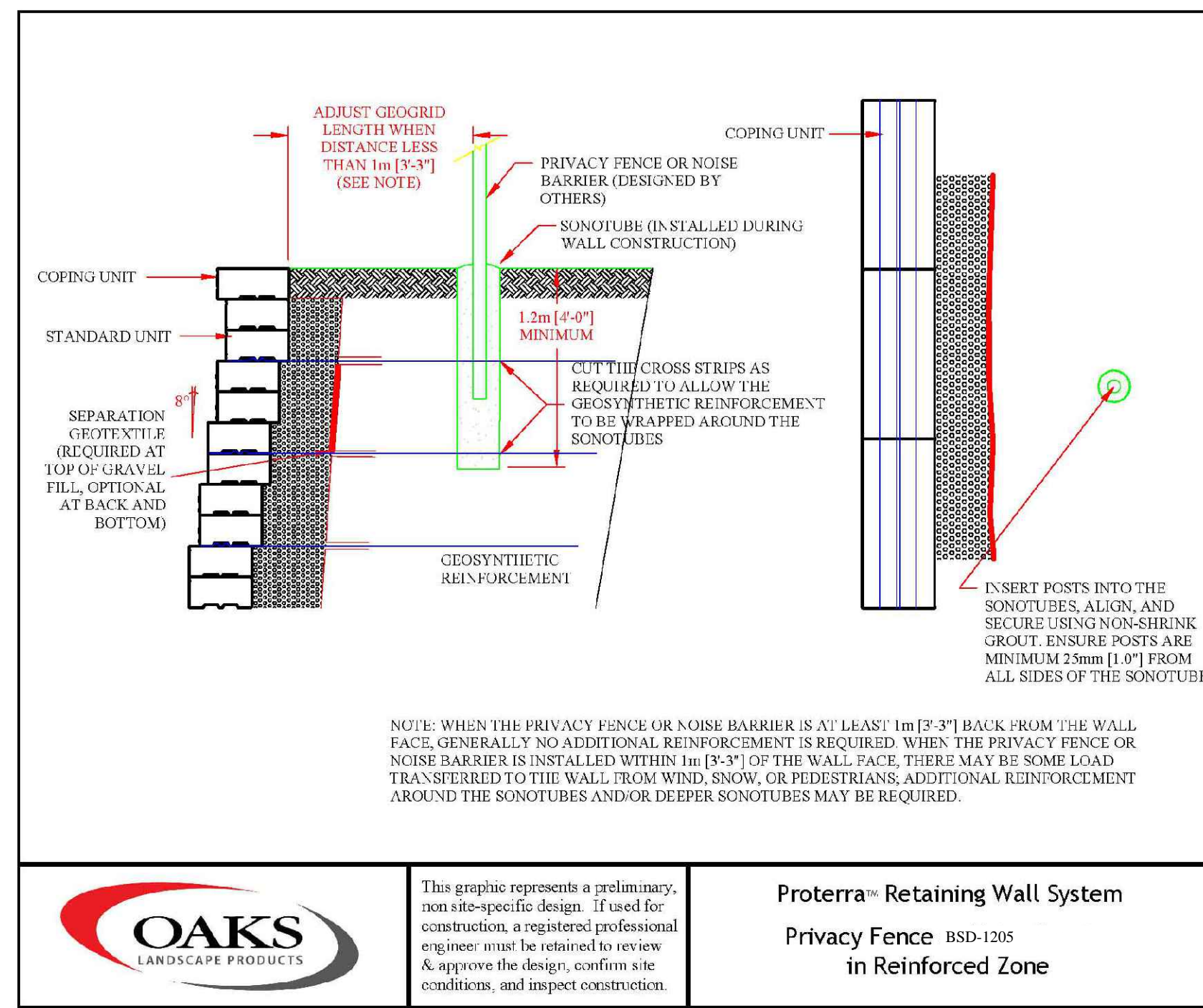
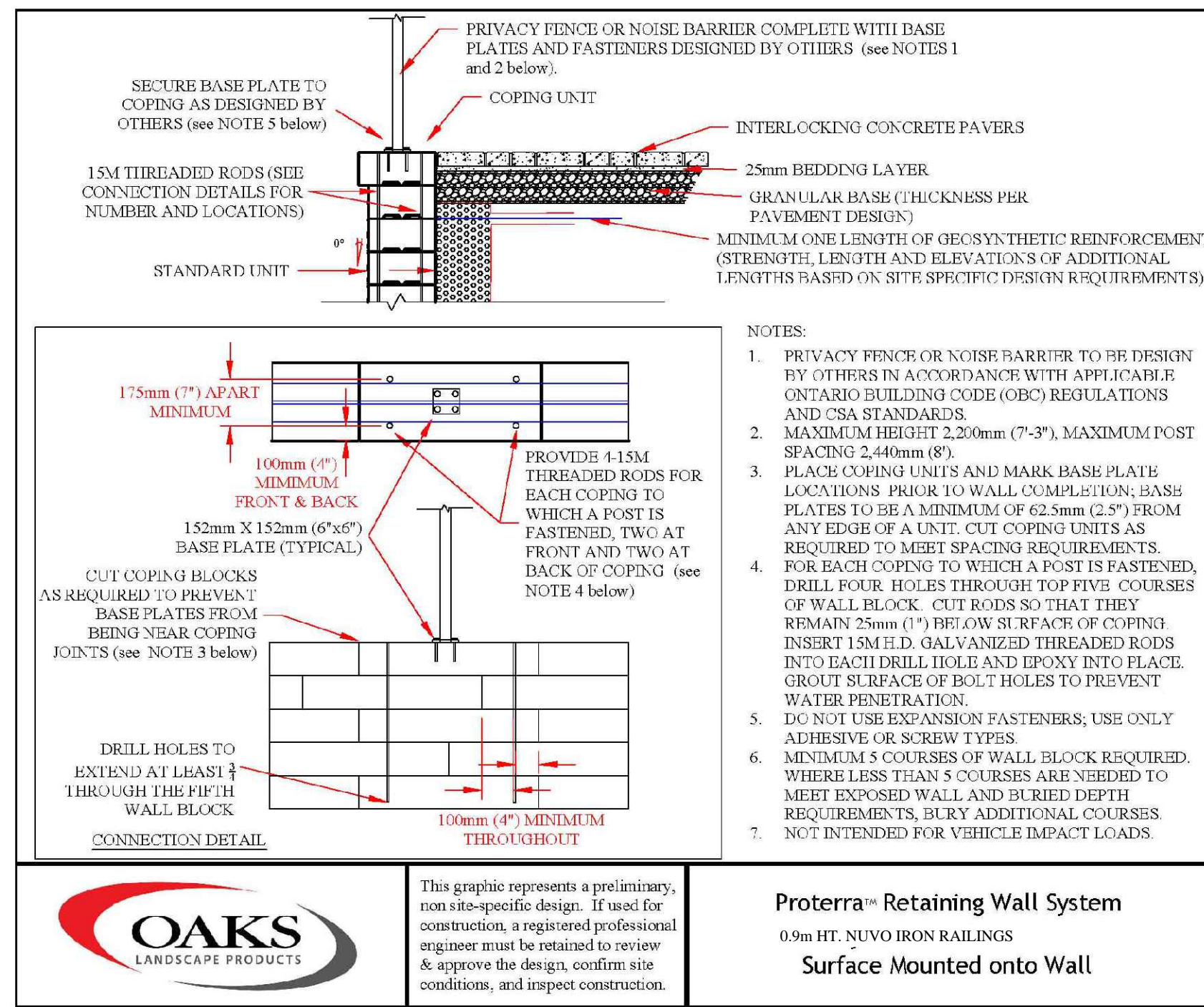
Fax: 705-722-5660  
Tel: 705-722-6278

**Bistro 6 West ELEMENTS**

723 Mapleview Dr. E  
City of Barrie

ENTRANCE FEATURE DETAILS

SCALE:	DATE:	DESIGNED BY:	REVIEWED BY:
AS SHOWN		SJT	NB
CITY FILE No. D11-004-2021	OUR FILE REF.# 25-20	DRAWN BY: SJT	L-7



**GENERAL NOTES**

CONTRACTOR IS RESPONSIBLE FOR ALL LOCATES INCLUDING ALL UNDERGROUND SERVICES PRIOR TO ANY EXCAVATION OR INSTALLATIONS. THE CONTRACTOR IS REQUIRED TO NOTIFY THE VARIOUS UTILITY COMPANIES 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK.

ANY ACCOMPANYING DOCUMENTATION RELATING TO THE LANDSCAPE PLAN AND/OR PRESERVATION PLAN SUCH AS TENDER DOCUMENTS AND CHANGE NOTICES ARE TO BE ENDORSED BY J.D.B. ASSOCIATES LIMITED PRIOR TO THE BEGINNING OF ANY SITE WORKS. IN THE EVENT THAT OF A DISCREPANCY THE DRAWING SHALL BE ASSUMED CORRECT.

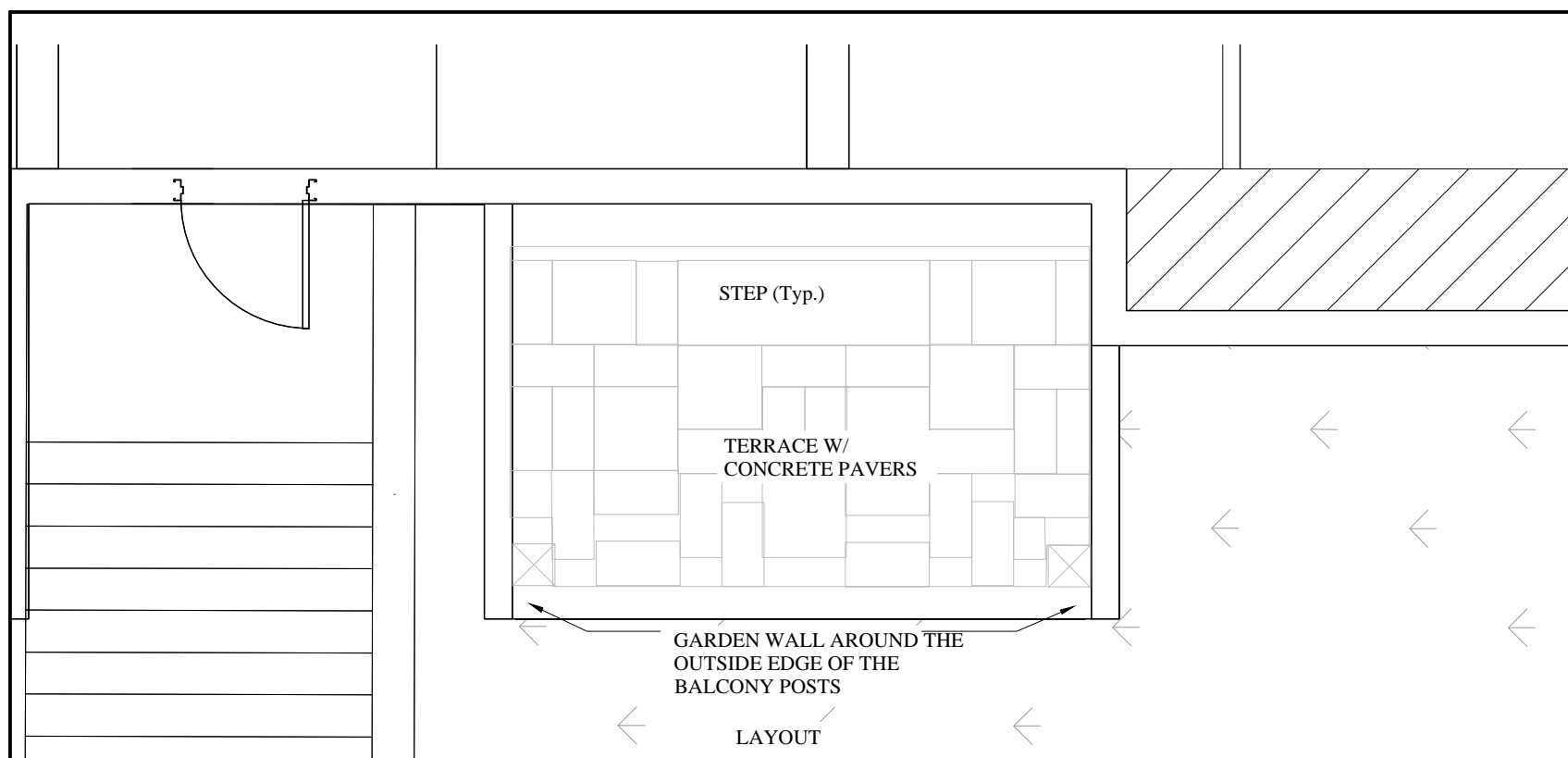
IT IS THE RESPONSIBILITY OF THE PERSON OR PERSONS RESPONSIBLE FOR THE CONSTRUCTED WORKS TO NOTIFY THE LANDSCAPE ARCHITECT WHEN PREPARED FOR ANY REQUIRED INSPECTIONS AND SIGN OFFS.

SCHEDULED MEETINGS SHALL TAKE PLACE AT THE CLOSEST MUTUALLY CONVENIENT TIME.

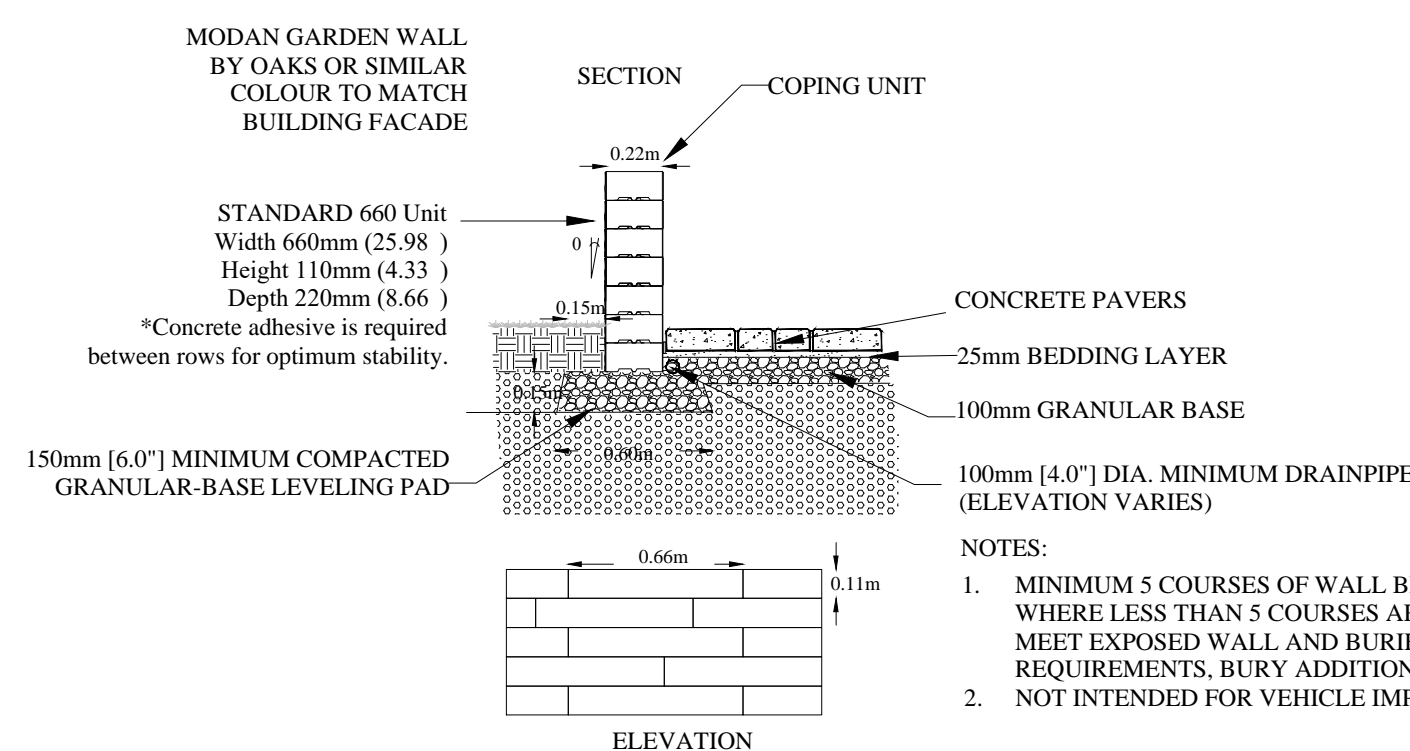
No.	REVISION	DATE	APRVD.
1.	SUBMITTED TO THE CITY OF BARRIE	June 21, 2021	SJT
2.	AS PER REVISED GRADING PLAN	August 13, 2021	SJT
3.	AS PER CITY COMMENTS	January 25, 2021	SJT
4.	AS PER METRO/KN COMMENTS & REVISED GRADING PLAN	February 25, 2022	SJT

REFER TO L-1 FOR THE LOCATION OF THE FENCE AND THE GUARDRAIL.

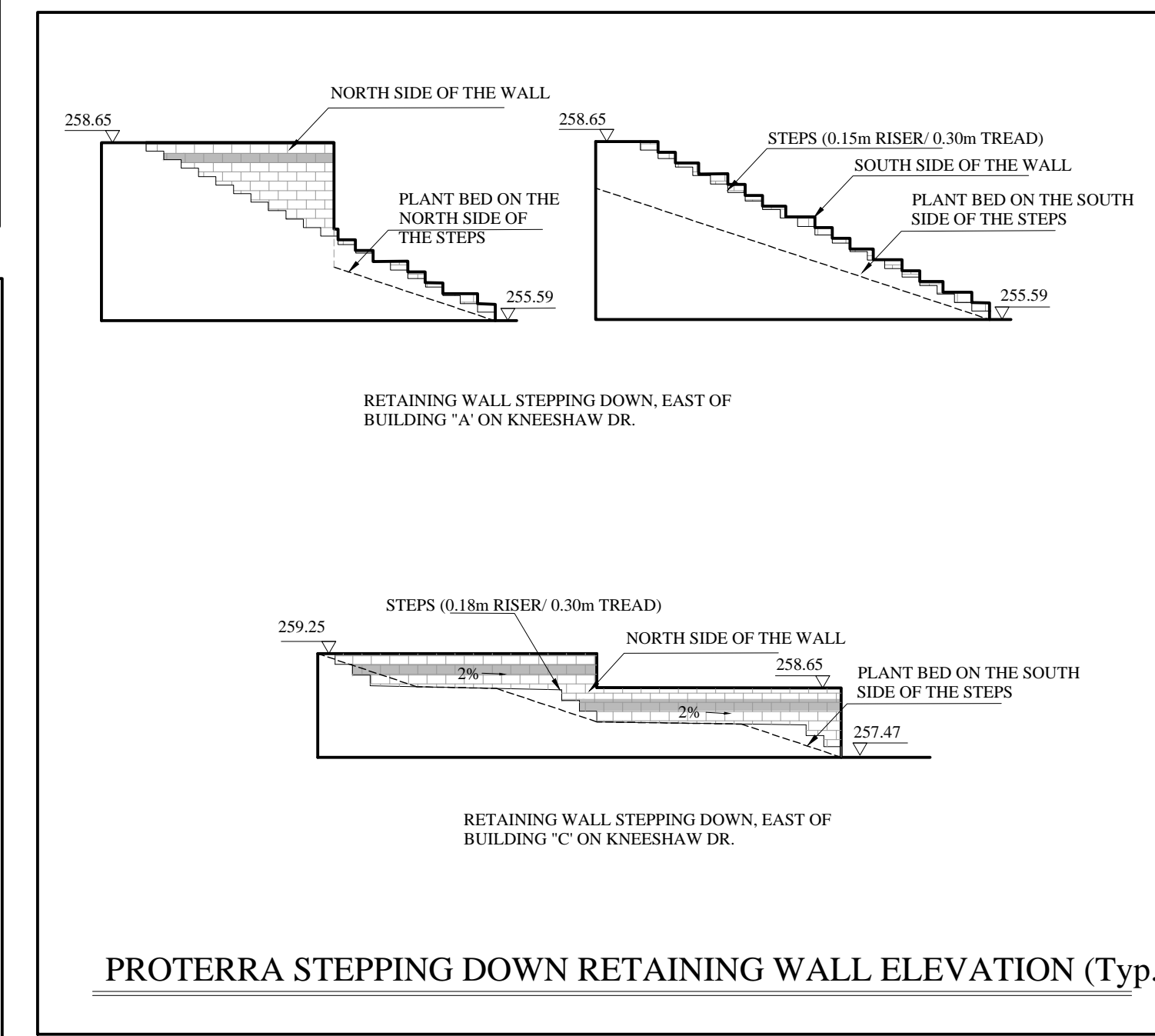
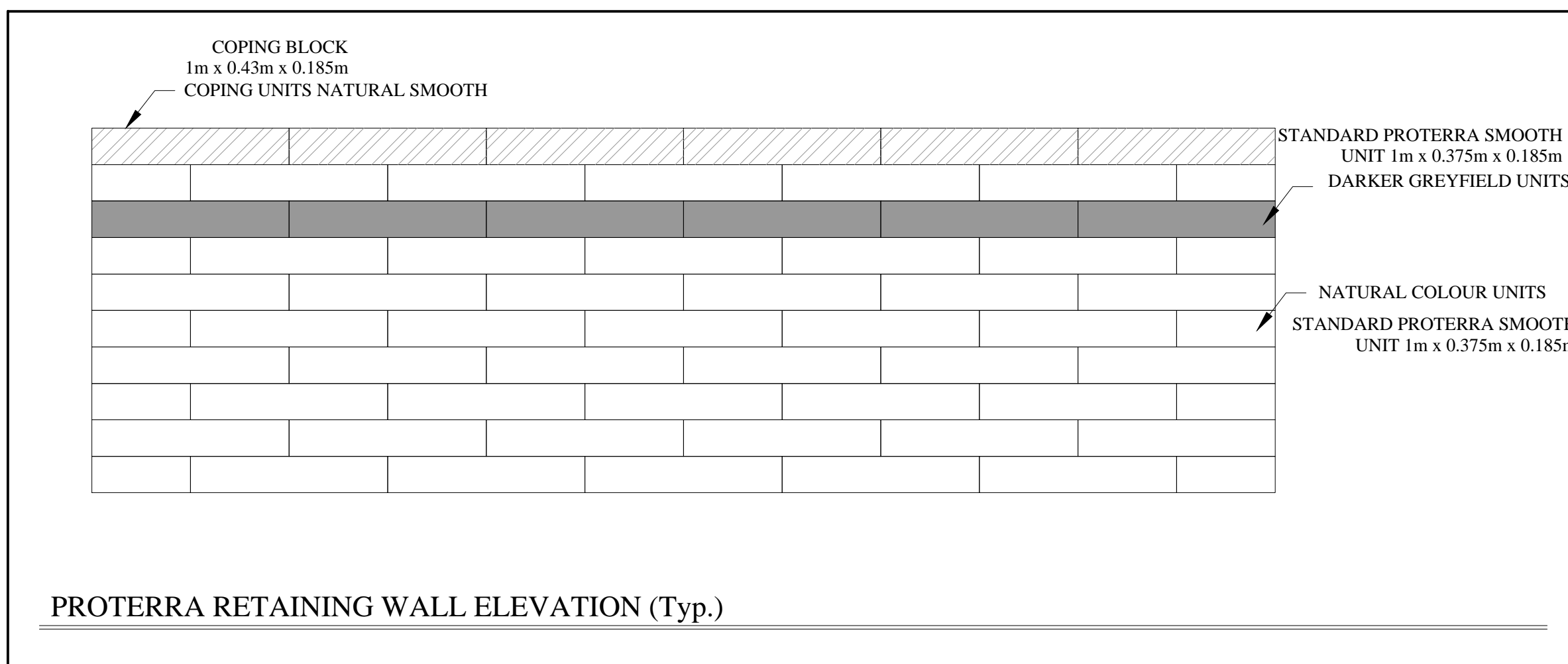
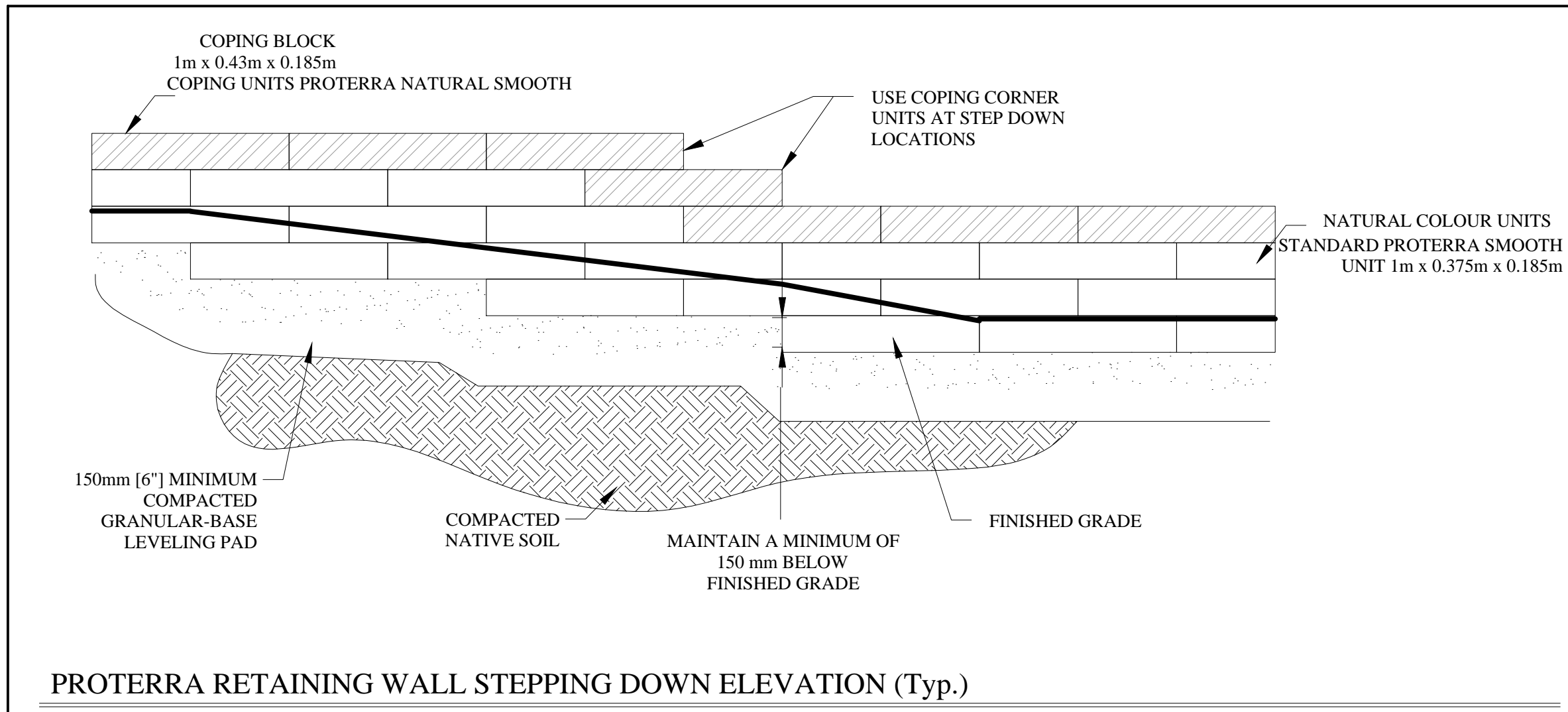
**NOTE:**  
PROVIDE SHOP DRAWING SIGNED BY A STRUCTURAL ENGINEER BEFORE INSTALLATION OF ALL RETAINING WALLS.



RETAINING WALL PROVIDED BY OAKS CONCRETE PRODUCTS OR SIMILAR TO BE APPROVED BY THE LANDSCAPE ARCHITECT. UNIT COLOUR TO MATCH BUILDING FACADE.



GARDEN WALL DETAIL (Typ.)



**PRATT HANSEN GROUP INC.**

CLIENT NAME

PROJECT LEGAL DESCRIPTION

BASE INFORMATION PROVIDED BY:  
The Jones Consulting Group Ltd.  
229 Mapleview Drive East, Unit 1  
Barrie, ON L4N 6W5  
Phone: (705) 734-2538 ext. 294 Fax: (705) 734-1056  
BASE PLAN REVISED: October, 2020

Block 598 on Hewitt's Gate Draft Plan  
Part of Lot 16, Concession 11  
City of Barrie, County of Simcoe



**JDB ASSOCIATES LTD.**

Urban Designers  
Landscape Architects  
Arborists

274 Burton Ave., Suite 1201  
Barrie, Ontario  
L4N 6W4

Fax: 705-722-5660  
Tel: 705-722-6278

**Bistro 6 West ELEMENTS**

723 Mapleview Dr. E  
City of Barrie

RETAINING WALL DETAILS

SCALE:	DATE:	DESIGNED BY:	REVIEWED BY:
AS SHOWN		SJT	NB
CITY FILE No. D11-004-2021	OUR FILE REF. # 25-20	DRAWN BY: SJT	L-8