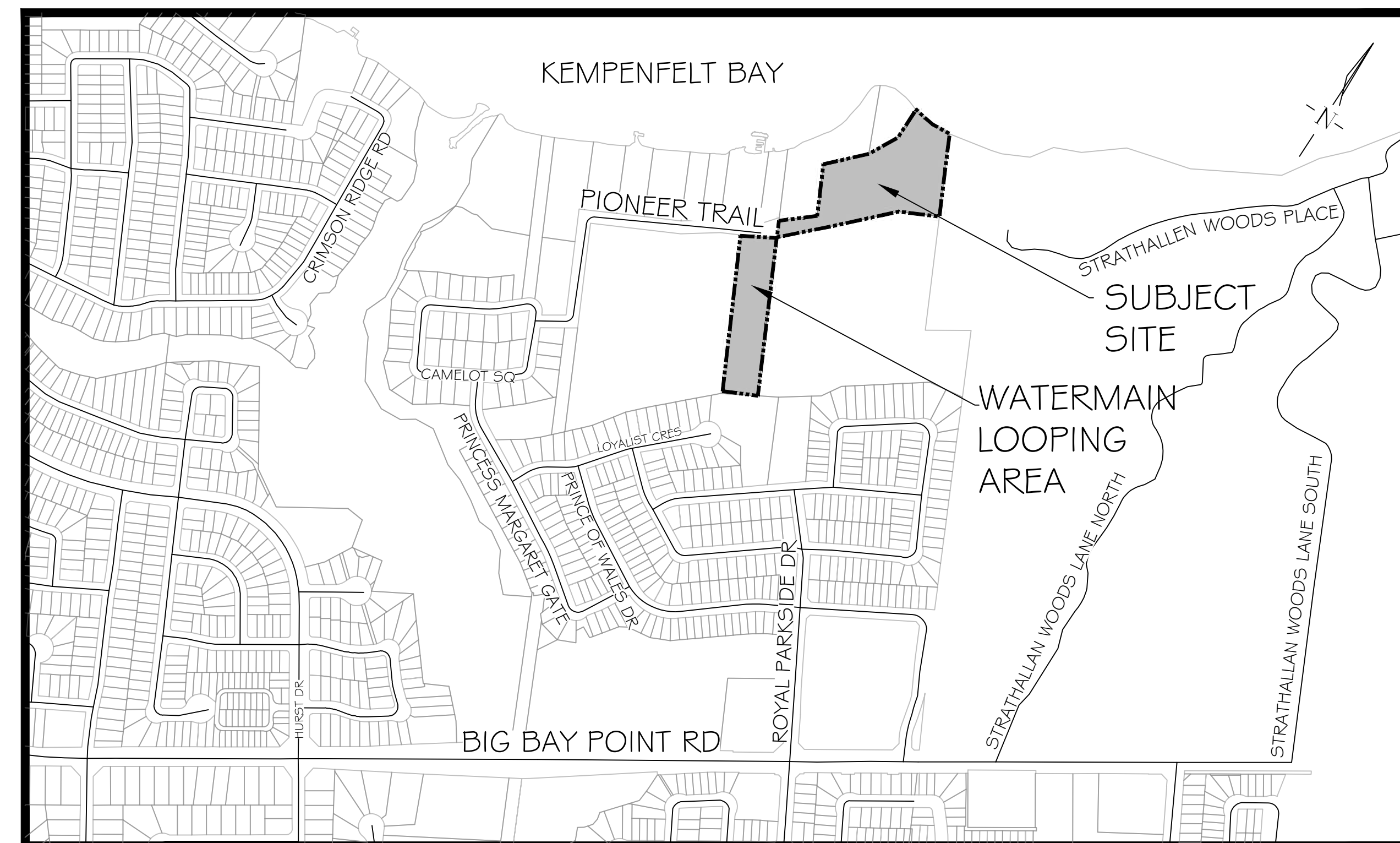


# 70 PIONEER TRAIL, RESIDENTIAL DEVELOPMENT BARRIE, ON

MUNICIPAL FILE: D11-004-2022

LANDMARK ENVIRONMENTAL GROUP LTD.

PROJECT NO. LA 541-21



KEY PLAN N.T.S.

## DRAWING LIST:

|      |                          |
|------|--------------------------|
| EX-1 | EXISTING CONDITONS 1     |
| EX-2 | EXISTING CONDITONS 2     |
| TP-1 | TREE PRESERVATION PLAN 1 |
| TP-2 | TREE PRESERVATION PLAN 2 |
| TP-3 | TREE PRESERVATION PLAN 3 |
| TP-4 | TREE PRESERVATION PLAN 4 |
| L-1  | OVERALL LANDSCAPE PLAN   |
| L-2  | LANDSCAPE ENLARGEMENT 1  |
| L-3  | LANDSCAPE ENLARGEMENT 2  |
| L-4  | LANDSCAPE ENLARGEMENT 3  |
| L-5  | LANDSCAPE ENLARGEMENT 4  |
| LD-1 | DETAILS 1                |
| LD-2 | DETAILS 2                |
| LD-3 | DETAILS 3                |

CLIENT:

FERNBROOK HOMES (PARKSIDE) LIMITED  
2220 HIGHWAY 7, UNIT 5  
CONCORD, ON  
L4K 1W7

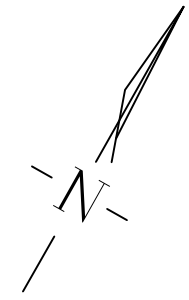
MUNICIPALITY:



CITY OF BARRIE  
70 COLLIER STREET, P.O. BOX 400,  
BARRIE, ON  
L4M 4T5

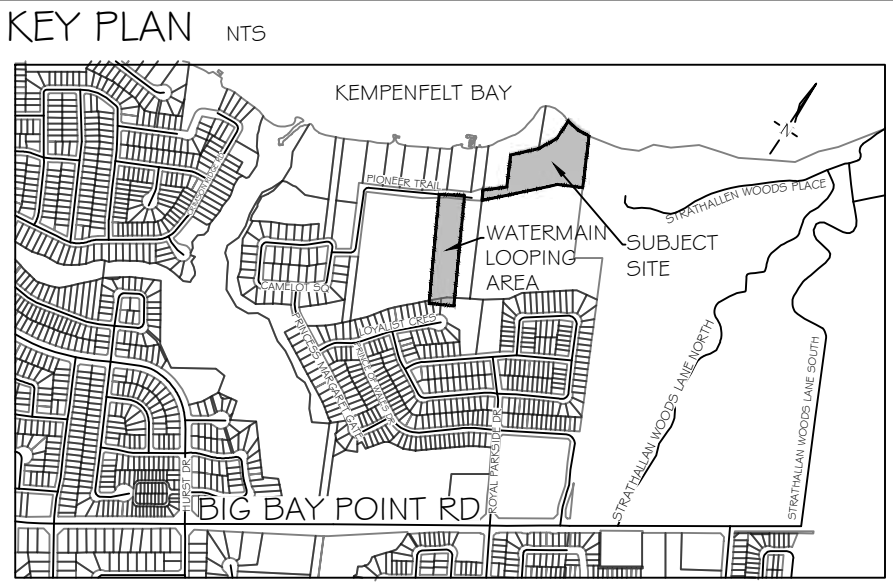
LANDSCAPE ARCHITECT:





NOTE:  
VEGETATION CLEARING IS TO BE AVOIDED  
FROM APRIL 1 TO SEPTEMBER 30 TO  
AVOID IMPACTS TO BIRDS PROTECTED  
UNDER THE MIGRATORY BIRDS  
CONVENTION ACT. IF CLEARING MUST  
PROCEED WITHIN THIS WINDOW, THE  
AFFECTED AREA MUST BE SCREENED BY A  
QUALIFIED ECOLOGIST BEFORE 48HRS OF  
CLEARING ACTIVITIES.

\*\*\*TREE LOCATIONS CAPTURED USING TRIMBLE GNSS UNITS AND ARCGIS SOFTWARE



**GENERAL NOTES**

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- LEGEND**
- TREE LOCATION WITH CANOPY
  - DELINEATED SECTION
  - PROPERTY BOUNDARY

| NO | DATE       | BY   | REVISIONS                                                                              |
|----|------------|------|----------------------------------------------------------------------------------------|
| 4  | AUG. 18-22 | S.K. | REVISED AS PER SITE PLAN & ELECTRICAL PLAN UPDATES                                     |
| 3  | AUG. 9-22  | S.K. | ADDED EDGE NIGHT PLANTING AT WATERMARK LOOPING AREA & REVISED AS PER SITE PLAN UPDATES |
| 2  | JULY 21-22 | S.K. | REVISED AS PER CITY COMMENTS & SITE PLAN UPDATES                                       |
| 1  | MAY 02-22  | B.B. | ADDED OFFSITE TREES AS PER CITY COMMENTS                                               |

STAMP

APPROVAL

*[Signature]*

AERIAL IMAGERY PROVIDED BY SIMCOE COUNTY GIS

**LANDMARK**  
ENVIRONMENTAL GROUP LTD

Landscape Architects  
Consulting Arborists  
Urban Forestry

LANDSCAPE ARCHITECTS  
& CONSULTING ARBORISTS

OFFICE: 705-796-1122

info@LEGroupLtd.com  
www.LEGroupLtd.com

CLIENT:  
FERNBROOK HOMES (PARKSIDE) LIMITED

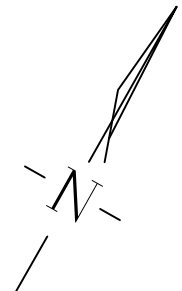
PROJECT:  
70 PIONEER TRAIL, BARRIE  
ONTARIO, L4N 0T8 DEVELOPMENT

LEGAL DESCRIPTION:  
BLOCK 113, 51M-986

DRAWING:  
EXISTING CONDITIONS I

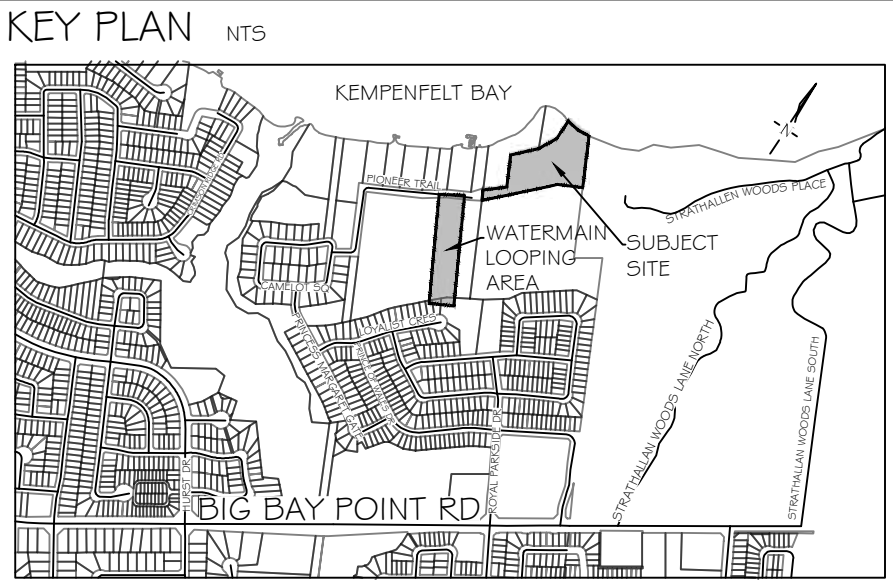
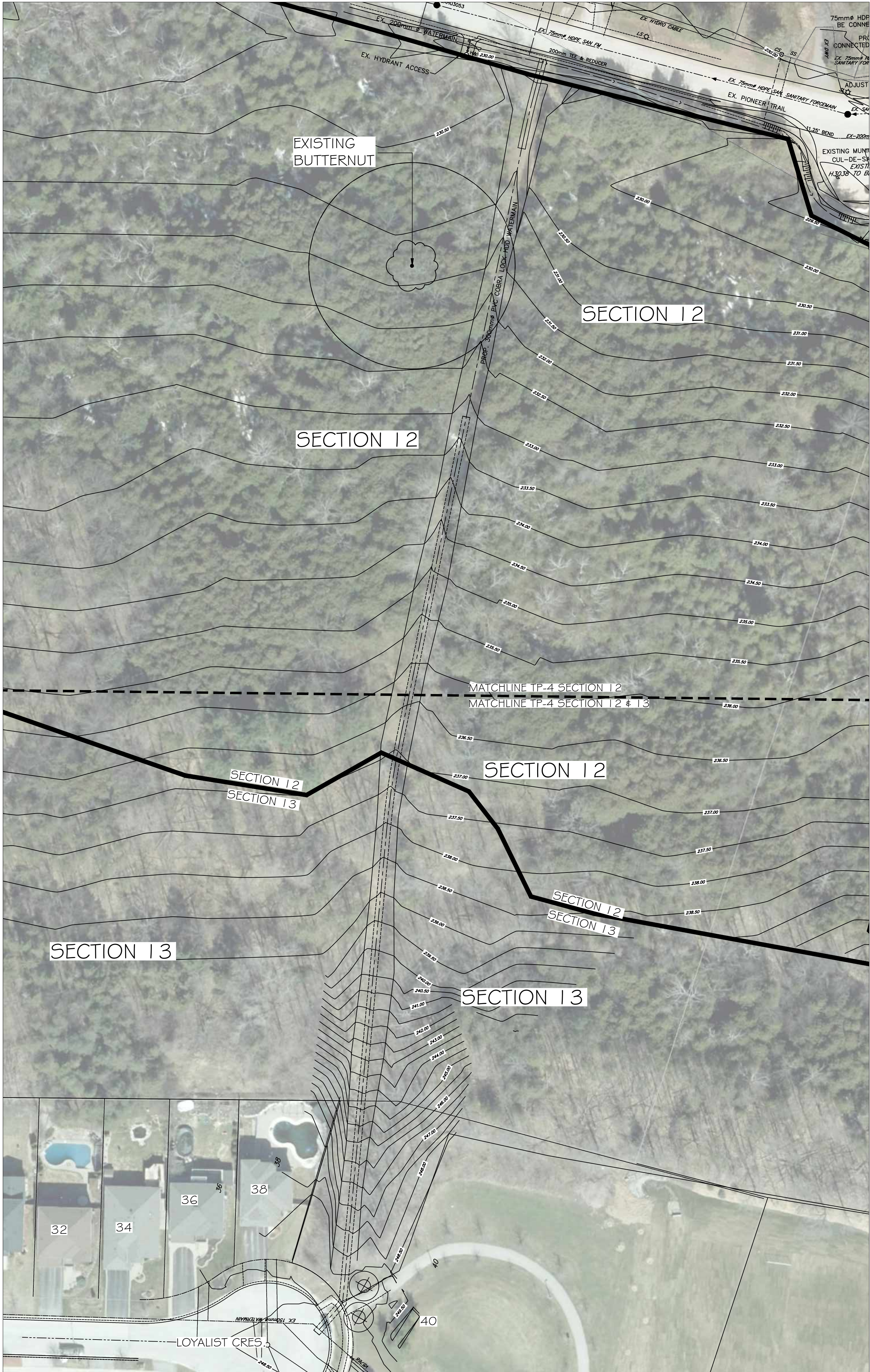


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|-------------------------------------|-----------------------|
| PROJECT NO.:<br>LA 541-21           | SCALE:<br>1:500       |
| MUNICIPAL FILE NO.:<br>D28-052-2020 | DATE:<br>JAN 24, 2022 |
| DRAWN BY:<br>B.B, S.K.              | CHECKED BY:<br>J.H    |
| DRAWING No.:<br>EX-1                |                       |



NOTE:  
VEGETATION CLEARING IS TO BE AVOIDED FROM APRIL 1 TO SEPTEMBER 30 TO AVOID IMPACTS TO BIRDS PROTECTED UNDER THE MIGRATORY BIRDS CONVENTION ACT. IF CLEARING MUST PROCEED WITHIN THIS WINDOW, THE AFFECTED AREA MUST BE SCREENED BY A QUALIFIED ECOLOGIST BEFORE 48HRS OF CLEARING ACTIVITIES.

\*\*\*TREE LOCATIONS CAPTURED USING TRIMBLE GNSS UNITS AND ARCGIS SOFTWARE



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- LEGEND**
- TREE LOCATION WITH CANOPY
  - DELINEATED SECTION
  - MATCHLINE (TP4 DRAWING)

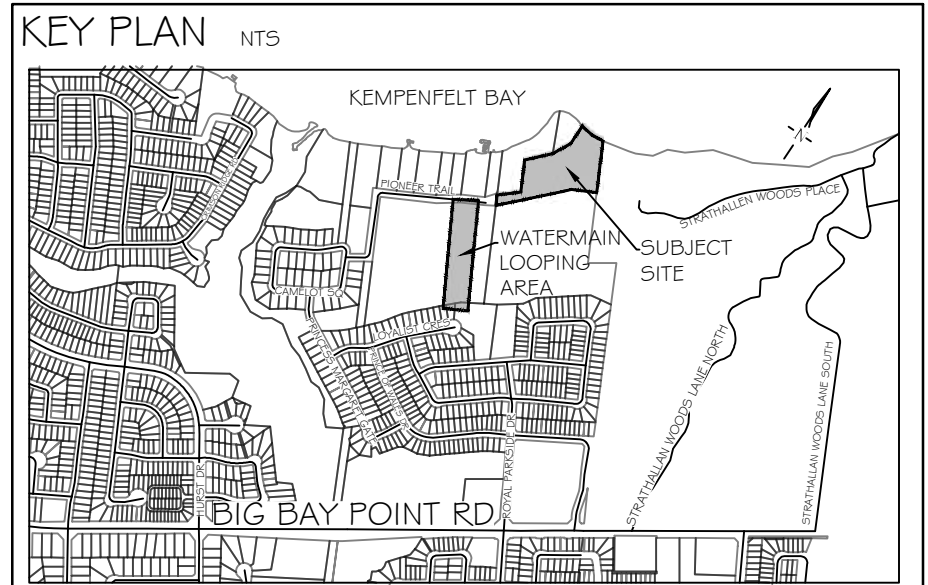
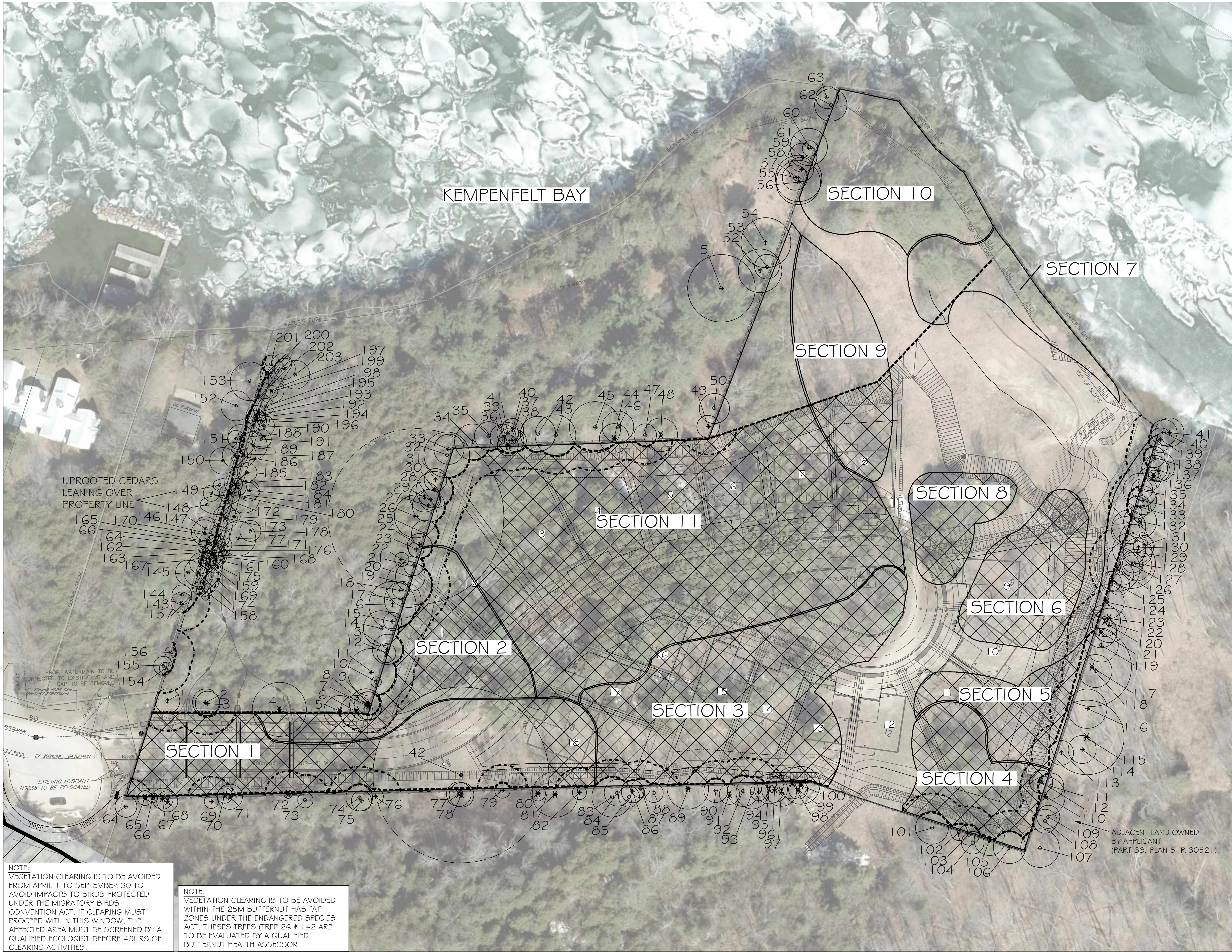
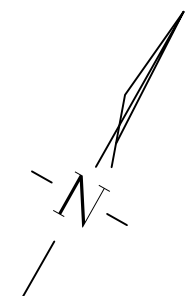
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| 4 | AUG. 18-22 | S.K. | REVISED AS PER SITE PLAN & ELECTRICAL PLAN UPDATES                                     |
| 3 | AUG. 9-22  | S.K. | ADDED EDGE NIGHT PLANTING AT WATERMAIN LOOPING AREA & REVISED AS PER SITE PLAN UPDATES |
| 2 | JULY 21-22 | S.K. | REVISED AS PER CITY COMMENTS & SITE PLAN UPDATES                                       |
| 1 | MAY 02-22  | B.B. | ADDED OFFSITE TREES AS PER CITY COMMENTS                                               |

| NO           | DATE | BY              | REVISIONS |
|--------------|------|-----------------|-----------|
| <b>STAMP</b> |      |                 |           |
|              |      | <b>APPROVAL</b> |           |

AERIAL IMAGERY PROVIDED BY SIMCOE COUNTY GIS

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| <b>LANDMARK</b><br>ENVIRONMENTAL GROUP LTD                     | <b>LANDSCAPE ARCHITECTS<br/>&amp; CONSULTING ARBORISTS</b>        |
| Landscape Architects<br>Consulting Arborists<br>Urban Forestry | OFFICE: 705-796-1122<br>info@LEGroupLtd.com<br>www.LEGroupLtd.com |

|                                                                      |                                            |
|----------------------------------------------------------------------|--------------------------------------------|
| CLIENT:<br>FERNBROOK HOMES (PARKSIDE) LIMITED                        |                                            |
| PROJECT:<br>70 PIONEER TRAIL, BARRIE<br>ONTARIO, L4N 0T8 DEVELOPMENT |                                            |
| LEGAL DESCRIPTION:<br>BLOCK 113, 51M-986                             |                                            |
| DRAWING:<br>EXISTING CONDITIONS 2                                    |                                            |
| SCALE BAR: 12m 0 12 24 36<br>Scale = 1:600                           |                                            |
| PROJECT NO.:<br>LA 541-21                                            | SCALE:<br>1:600                            |
| MUNICIPAL FILE NO.:<br>D28-052-2020                                  | DATE:<br>JAN 24, 2022                      |
| DRAWN BY:<br>B.B, S.K.                                               | CHECKED BY:<br>J.H<br>DRAWING No.:<br>EX-2 |



**GENERAL NOTES**

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- LEGEND**
- TREE LOCATION WITH CANOPY
  - TREE PRESERVATION FENCE
  - 5M FOUNDATION SETBACK LIMIT
  - TREE TO BE REMOVED
  - 25M BUTTERNUT HABITAT ZONE
  - DELINEATED SECTION
  - RECOMMENDED FOR REMOVAL
  - RECOMMENDED FOR PRESERVATION
  - PROPERTY BOUNDARY

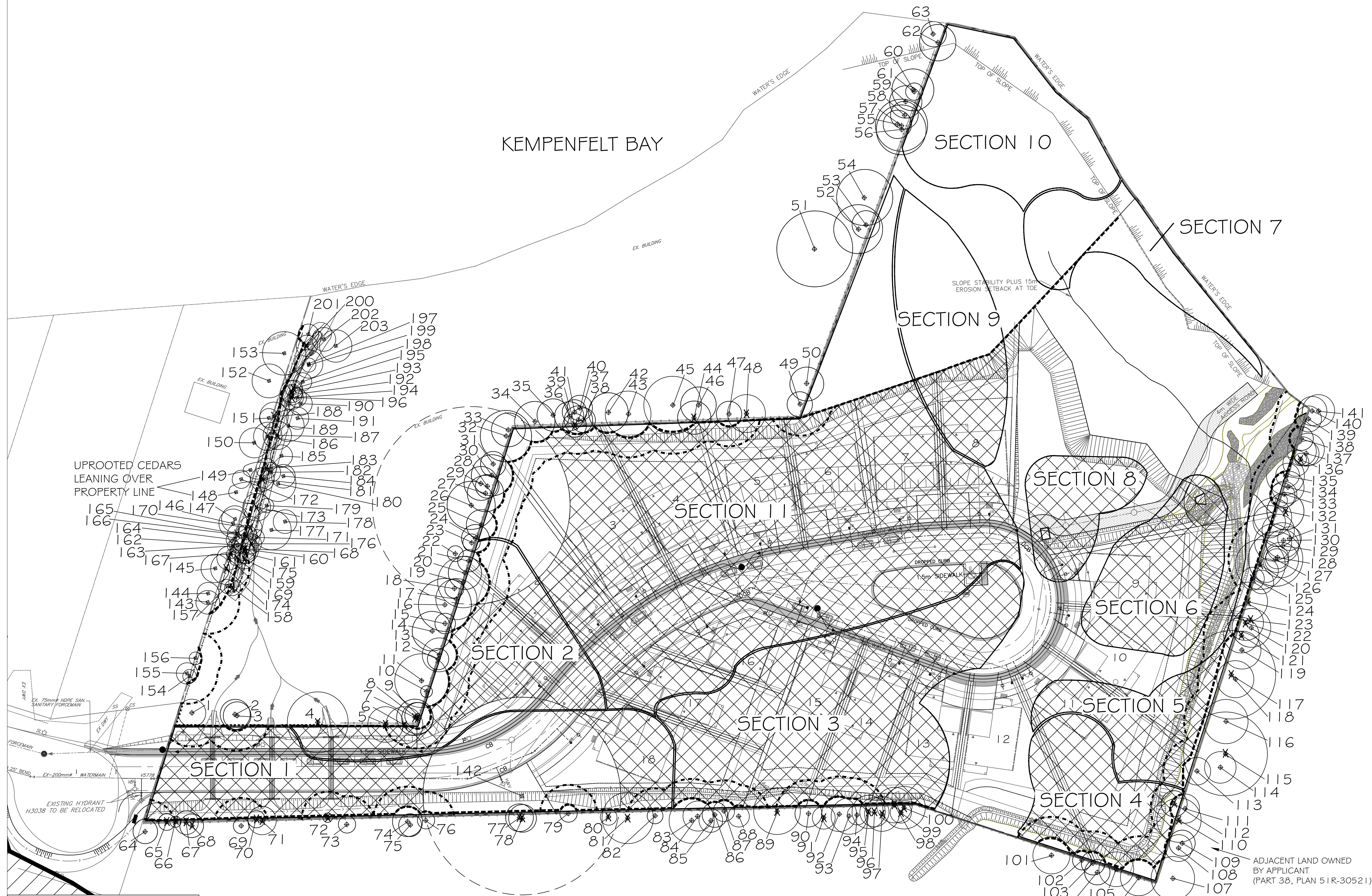
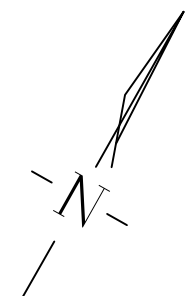
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| 4 | AUG. 18-22 | S.K. | REVISED AS PER SITE PLAN & ELECTRICAL PLAN UPDATES                                     |
| 3 | AUG. 9-22  | S.K. | ADDED COSE NIGHT PLANTING AT WATERMAIN LOOPING AREA & REVISED AS PER SITE PLAN UPDATES |
| 2 | JULY 21-22 | S.K. | REVISED AS PER CITY COMMENTS & SITE PLAN UPDATES                                       |
| 1 | MAY 02-22  | B.B. | ADDED OFFSITE TREES AS PER CITY COMMENTS                                               |

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|       |      | APPROVAL |           |

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| AERIAL IMAGERY PROVIDED BY SIMCOE COUNTY GIS                                                                         |                                                        |
| SITE PLAN BY HUNT DESIGN ASSOCIATES INC. (22-04-0001) 2022-08-16 (ISSUED DWG)                                        |                                                        |
| SITE GRADING & SERVING PLAN BY JONES CONSULTING GROUP LTD. (ACAD-PER-15101-DESIGN-BASE-MODEL.DWG TRANS ON AUG.15-22) |                                                        |
|                                                                                                                      | <b>LANDSCAPE ARCHITECTS &amp; CONSULTING ARBORISTS</b> |
| ENVIRONMENTAL GROUP LTD                                                                                              | OFFICE: 705-796-1122                                   |
| Landscape Architects<br>Consulting Arborists<br>Urban Forestry                                                       | info@LEGroupLtd.com<br>www.LEGroupLtd.com              |

|                     |                                                          |
|---------------------|----------------------------------------------------------|
| CLIENT:             | FERNBROOK HOMES (PARKSIDE) LIMITED                       |
| PROJECT:            | 70 PIONEER TRAIL, BARRIE<br>ONTARIO, L4N 0T8 DEVELOPMENT |
| LEGAL DESCRIPTION:  | BLOCK 113, 51M-986                                       |
| DRAWING:            | TREE PRESERVATION PLAN 1                                 |
| SCALE BAR:          | 10m 0 10 20 30<br>Scale = 1:500                          |
| PROJECT NO.:        | LA 541-21                                                |
| SCALE:              | 1:500                                                    |
| MUNICIPAL FILE NO.: | D28-052-2020                                             |
| DATE:               | JAN 24, 2022                                             |
| DRAWN BY:           | B.B., S.K.                                               |
| CHECKED BY:         | J.H.                                                     |
| DRAWING No.:        | TP-1                                                     |

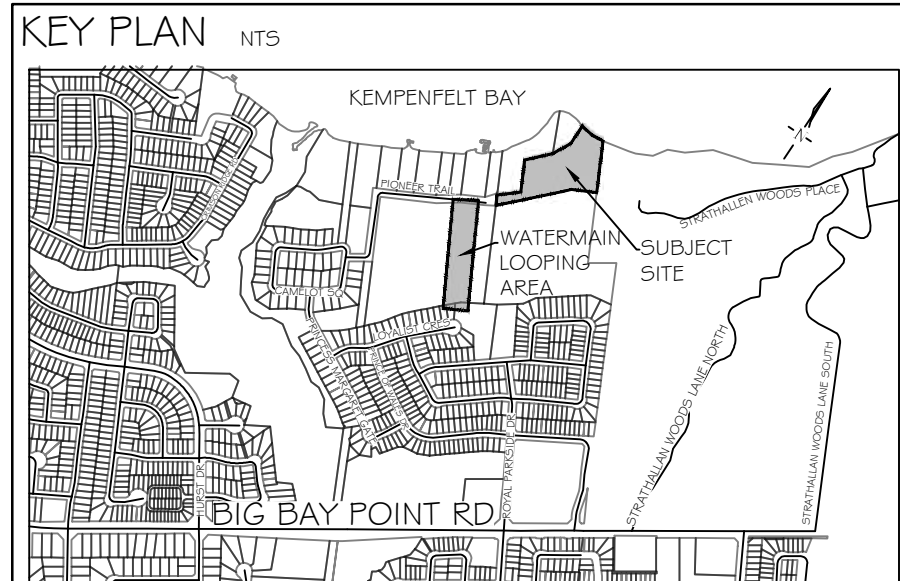
\*\*\*TREE LOCATIONS CAPTURED USING TRIMBLE GNSS UNITS AND ARCGIS SOFTWARE



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UNDER THE MIGRATORY BIRDS  
CONVENTION ACT. IF CLEARING MUST  
PROCEED WITHIN THIS WINDOW, THE  
AFFECTED AREA MUST BE SCREENED BY A  
QUALIFIED ECOLOGIST BEFORE 48HRS OF  
CLEARING ACTIVITIES.

NOTE:  
VEGETATION CLEARING IS TO BE AVOIDED  
WITHIN THE 25M BUTTERNUT HABITAT  
ZONES UNDER THE ENDANGERED SPECIES  
ACT. THESE TREES (TREE 26 & 142) ARE TO  
BE EVALUATED BY A QUALIFIED BUTTERNUT  
HEALTH ASSESSOR.

\*\*\*TREE LOCATIONS CAPTURED USING TRIMBLE GNSS UNITS AND ARCGIS SOFTWARE



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  - TREE PRESERVATION FENCE
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  - TREE TO BE REMOVED
  - 25M BUTTERNUT HABITAT ZONE
  - DELINEATED SECTION
  - RECOMMENDED FOR REMOVAL
  - RECOMMENDED FOR PRESERVATION
  - PROPERTY BOUNDARY

|   |            |      |                                                                                      |
|---|------------|------|--------------------------------------------------------------------------------------|
| 4 | AUG. 18-22 | S.K. | REVISED AS PER SITE PLAN & ELECTRICAL PLAN UPDATES                                   |
| 3 | AUG. 9-22  | S.K. | ADDED SIDE WALK PLANTING AT WATERMAN LOOPING AREA & REVISED AS PER SITE PLAN UPDATES |
| 2 | JULY 21-22 | S.K. | REVISED AS PER CITY COMMENTS & SITE PLAN UPDATES                                     |
| 1 | MAY 02-22  | B.B. | ADDED OFFSITE TREES AS PER CITY COMMENTS                                             |

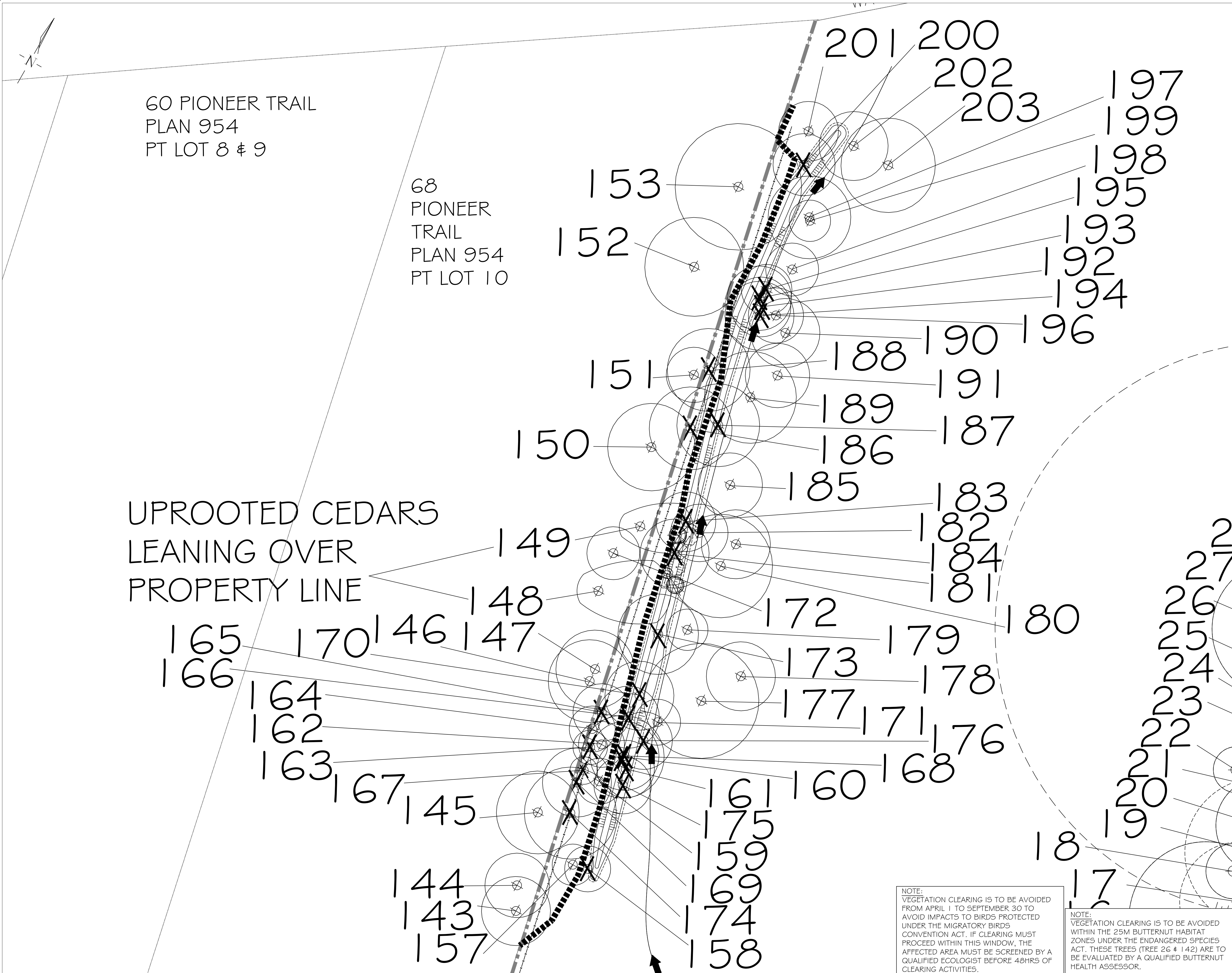
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SITE PLAN BY HUNT DESIGN ASSOCIATES INC.  
(22-204605P01-2022-08-16 ISSUED DWG)  
SITE GRADING & SERVING PLAN BY JONES CONSULTING GROUP LTD.  
(ACAD-FER-15101-DESIGN-BASE-MODEL.DWG TRANS ON AUG.15-22)

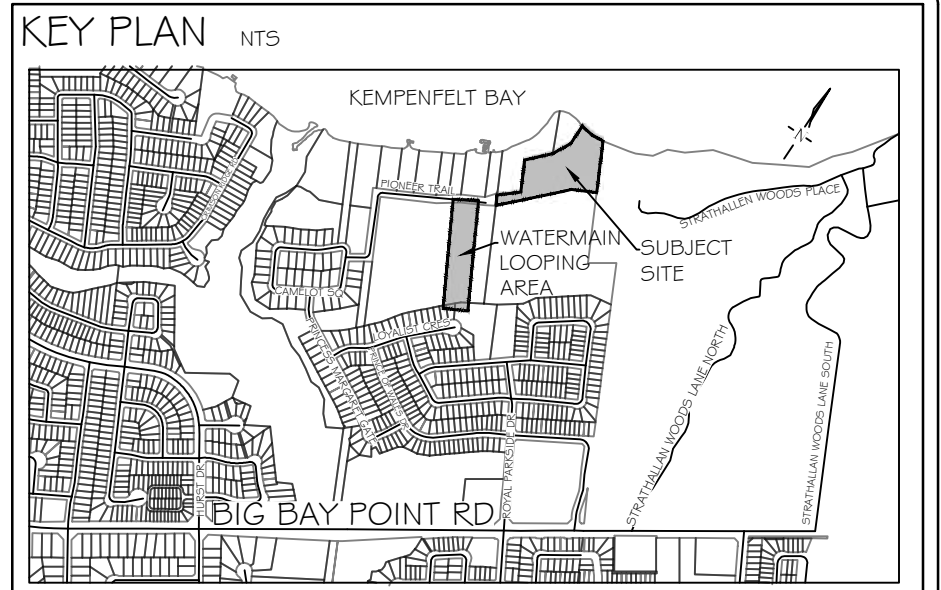
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Landscape Architects  
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OFFICE: 705-796-1122  
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|                     |                                                          |
|---------------------|----------------------------------------------------------|
| CLIENT:             | FERNBROOK HOMES (PARKSIDE) LIMITED                       |
| PROJECT:            | 70 PIONEER TRAIL, BARRIE<br>ONTARIO, L4N 0T8 DEVELOPMENT |
| LEGAL DESCRIPTION:  | BLOCK 113, 51M-986                                       |
| DRAWING:            | TREE PRESERVATION PLAN 2                                 |
| SCALE BAR:          | 10m 0 10 20 30<br>Scale = 1:500                          |
| PROJECT NO.:        | LA 541-21                                                |
| MUNICIPAL FILE NO.: | D28-052-2020                                             |
| DRAWN BY:           | B.B., S.K.                                               |
| CHECKED BY:         | J.H.                                                     |
| DRAWING No.:        | TP-2                                                     |



\*\*\*TREE LOCATIONS CAPTURED USING TRIMBLE GNSS UNITS AND ARCGIS SOFTWARE



**GENERAL NOTES**

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- LEGEND**
- TREE LOCATION WITH CANOPY
  - TREE PRESERVATION FENCE
  - PROPERTY BOUNDARY
  - TREE TO BE REMOVED
  - 25M BUTTERNUT HABITAT ZONE
  - DELINEATED SECTION
  - RECOMMENDED FOR REMOVAL

|    |            |      |                                                                                        |
|----|------------|------|----------------------------------------------------------------------------------------|
| 4  | AUG 18-22  | S.K. | REVISED AS PER SITE PLAN & ELECTRICAL PLAN UPDATES                                     |
| 3  | AUG 9-22   | S.K. | ADDED EDGE NIGHT PLANTING AT WATERMARK LOOPING AREA & REVISED AS PER SITE PLAN UPDATES |
| 2  | JULY 21-22 | S.K. | REVISED AS PER CITY COMMENTS & SITE PLAN UPDATES                                       |
| 1  | MAY 02-22  | B.B. | ADDED OFFSITE TREES AS PER CITY COMMENTS                                               |
| NO | DATE       | BY   | REVISIONS                                                                              |

|       |          |
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| STAMP | APPROVAL |
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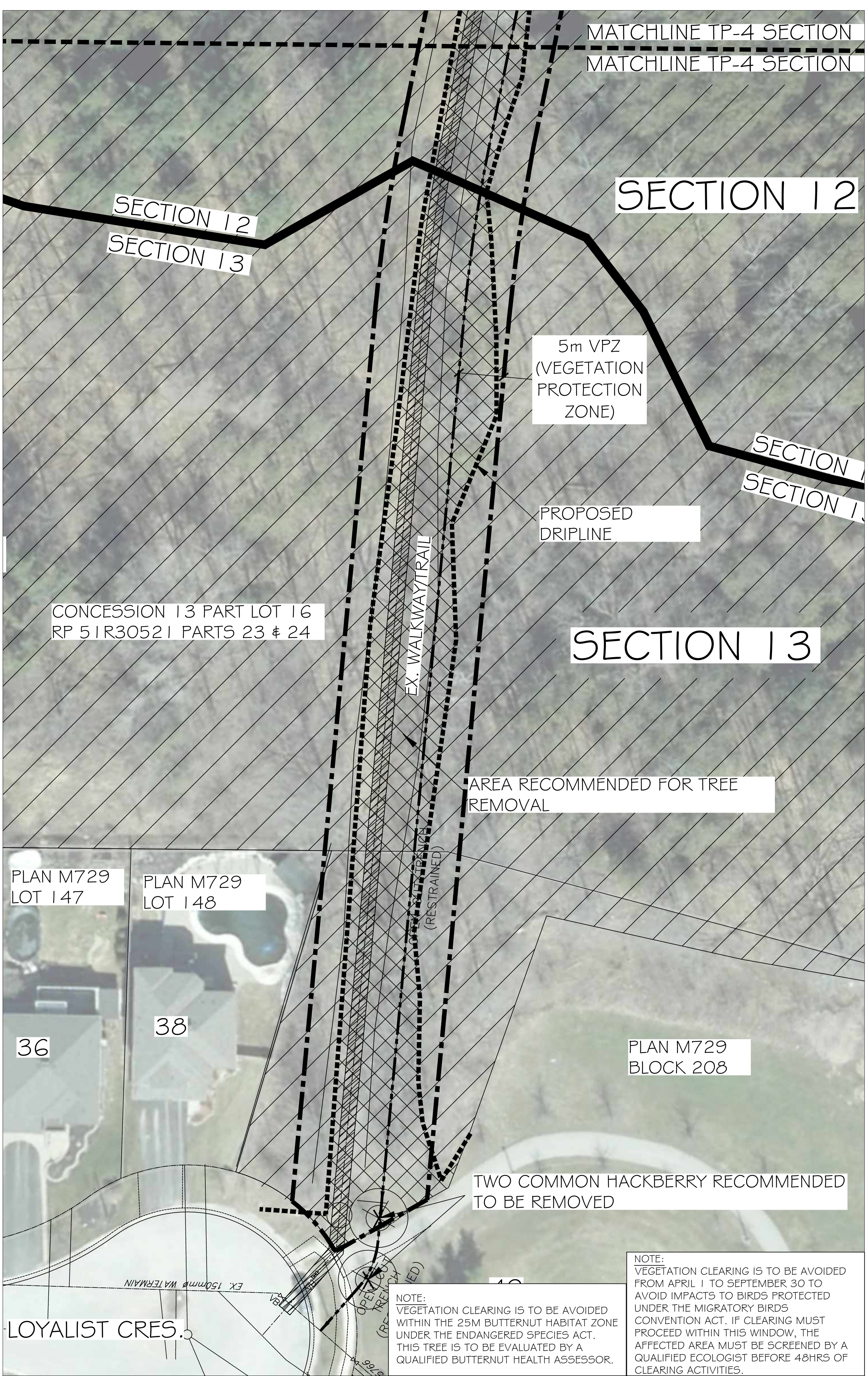
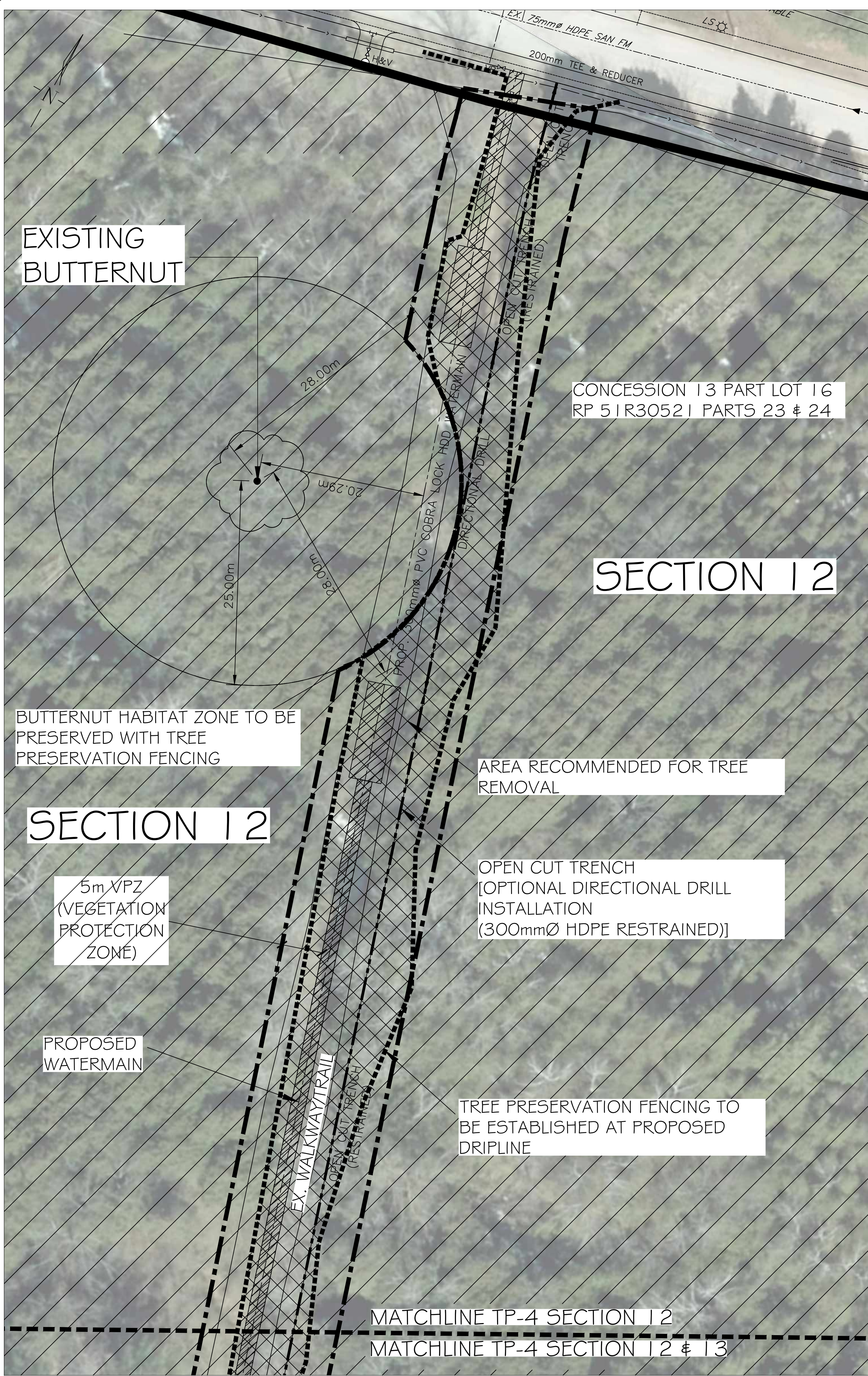
SITE PLAN BY HUNT DESIGN ASSOCIATES INC.  
(22204GDSF01, 2022.08.16 ISSUED DWG)  
SITE GRADING & SERVING PLAN BY JONES CONSULTING GROUP LTD.  
(ACAD-FER-15101, DESIGN-BASE-MODEL.DWG TRANS ON AUG.15-22)

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ENVIRONMENTAL GROUP LTD

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|                     |                                                          |
|---------------------|----------------------------------------------------------|
| CLIENT:             | FERNBROOK HOMES (PARKSIDE) LIMITED                       |
| PROJECT:            | 70 PIONEER TRAIL, BARRIE<br>ONTARIO, L4N 0T8 DEVELOPMENT |
| LEGAL DESCRIPTION:  | BLOCK 113, 51M-986                                       |
| DRAWING:            | TP-3: TREE PRESERVATION PLAN 3<br>ENLARGEMENT            |
| SCALE BAR:          | 3m 0 3 6 9<br>Scale = 1:150                              |
| PROJECT NO.:        | LA 541-21                                                |
| MUNICIPAL FILE NO.: | D28-052-2020                                             |
| DRAWN BY:           | B.B, S.K.                                                |
| CHECKED BY:         | J.H.                                                     |
| DRAWING No.:        | TP-3                                                     |



KEY PLAN

GENERAL NOTES

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LEGEND

TREE LOCATION WITH CANOPY

TREE PRESERVATION FENCE

TREE TO BE REMOVED

25M BUTTERNUT HABITAT ZONE

DELINEATED SECTION

RECOMMENDED FOR REMOVAL

RECOMMENDED FOR PRESERVATION

5m VPZ (VEGETATION PROTECTION ZONE)

|    |            |      |                                                                                       |
|----|------------|------|---------------------------------------------------------------------------------------|
| 4  | AUG. 18-22 | S.K. | REVISED AS PER SITE PLAN & ELECTRICAL PLAN UPDATES                                    |
| 3  | AUG. 9-22  | S.K. | ADDED EDGE MORT PLANTING AT WATERMAIN LOOPING AREA & REVISED AS PER SITE PLAN UPDATES |
| 2  | JULY 21-22 | S.K. | REVISED AS PER CITY COMMENTS & SITE PLAN UPDATES                                      |
| 1  | MAY 02-22  | B.B. | ADDED OFFSITE TREES AS PER CITY COMMENTS                                              |
| NO | DATE       | BY   | REVISIONS                                                                             |

STAMP

APPROVAL

AERIAL IMAGERY PROVIDED BY SIMCOE COUNTY GIS

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Urban Forestry

LANDSCAPE ARCHITECTS  
& CONSULTING ARBORISTS

OFFICE: 705-796-1122

info@LEGgroupLtd.com

www.LEGgroupLtd.com

CLIENT:

FERNBROOK HOMES (PARKSIDE) LIMITED

PROJECT:

70 PIONEER TRAIL, BARRIE  
ONTARIO, L4N 0T8 DEVELOPMENT

LEGAL DESCRIPTION:

BLOCK 113, 51M-986

DRAWING:

TREE PRESERVATION PLAN 4

SCALE BAR:

Scale = 1:300

PROJECT NO.:

LA 541-21

SCALE:

1:300

MUNICIPAL FILE NO.:

D28-052-2020

DATE:

JAN 24, 2022

DRAWN BY:

B.B., S.K.

CHECKED BY:

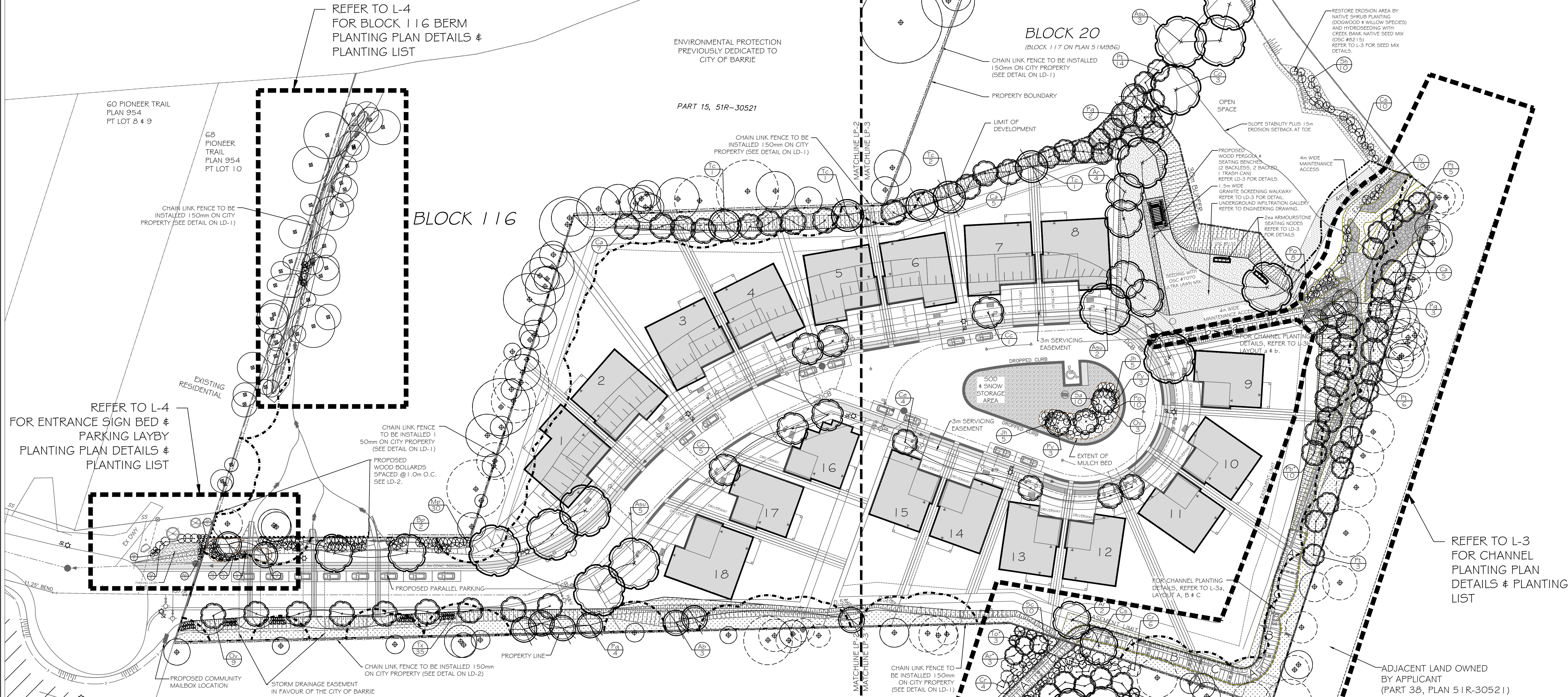
J.H.

DRAWING No.:

TP-4

\*\*\*TREE LOCATIONS CAPTURED USING TRIMBLE GNSS UNITS AND ARCGIS SOFTWARE

| PLANT DENSITY CALCULATIONS |                 |                   |                     |
|----------------------------|-----------------|-------------------|---------------------|
| AREA: 22,550 SQUARE METERS |                 | TYPE: RESIDENTIAL |                     |
| REQUIRED MIN. TOTALS       | PROPOSED TOTALS | VEGETATION TYPE   | REQUIRED SIZING     |
| 113                        | 113             | DECIDUOUS TREES   | 60mm CAL            |
| 57                         | 57              | EVERGREEN TREES   | 2m HT               |
| 226                        | 226             | DECIDUOUS SHRUBS  | 0.6-1.2m HT         |
| 113                        | 113             | EVERGREEN SHRUBS  | 0.45m SPR / 1.2m HT |



| PLANT LIST (BOULEVARD & PARK PLANTING) |     |                             |                        |
|----------------------------------------|-----|-----------------------------|------------------------|
| KEY                                    | QTY | BOTANICAL NAME              | COMMON NAME            |
| DECIDUOUS TREE                         |     |                             |                        |
| Ar                                     | 4   | <i>Acer rubrum</i>          | Red Maple              |
| Asu                                    | 10  | <i>Acer saccharum</i>       | Sugar Maple            |
| Bp                                     | 2   | <i>Betula papyrifera</i>    | White Birch            |
| Cc                                     | 6   | <i>Carpinus caroliniana</i> | Blue Beech             |
| Co                                     | 3   | <i>Celtis occidentalis</i>  | Common Hackberry       |
| Ce                                     | 4   | <i>Cercis canadensis</i>    | Eastern Redbud         |
| Ca                                     | 12  | <i>Cornus alternifolia</i>  | Pagoda Dogwood (Clump) |
| Ov                                     | 12  | <i>Ostrya virginiana</i>    | Ironwood               |
| Pt                                     | 14  | <i>Populus tremuloides</i>  | Trembling Aspen        |
| EVERGREEN TREE                         |     |                             |                        |
| Ab                                     | 3   | <i>Abies balsamea</i>       | Balsam Fir             |
| Pg                                     | 6   | <i>Picea glauca</i>         | White Spruce           |
| Tc                                     | 5   | <i>Tsuga canadensis</i>     | Eastern Hemlock        |

| KEY                 | QTY | BOTANICAL NAME                 | COMMON NAME       | SIZE/CONDITION     |
|---------------------|-----|--------------------------------|-------------------|--------------------|
| DECIDUOUS SHRUB     |     |                                |                   |                    |
| Cs                  | 10  | <i>Cornus sericea</i>          | Red Osier Dogwood | 2 gal pot/60cm ht  |
| Po                  | 10  | <i>Physocarpus opulifolius</i> | Common Ninebark   | 2 gal pot/60cm ht  |
| Sa                  | 10  | <i>Spiraea alba</i>            | Meadow-sweet      | 2 gal pot/60cm ht  |
| Sh                  | 10  | <i>Salix cordata</i>           | Heartleaf Willow  | 2 gal pot/60cm ht  |
| EVERGREEN SHRUB     |     |                                |                   |                    |
| Jh                  | 10  | <i>Juniperus horizontalis</i>  | Creeping Juniper  | 2 gal pot/45cm spr |
| Mp                  | 30  | <i>Myrica pensylvanica</i>     | Bayberry          | 2 gal pot/60cm ht  |
| Tx                  | 35  | <i>Taxus canadensis</i>        | Canadian Yew      | 2 gal pot/60cm ht  |
| PERENNIAL & GRASSES |     |                                |                   |                    |
| Pv                  | 6   | <i>Panicum virgatum</i>        | Switch Grass      | 2gal pot/60cm ht   |

KEY PLAN

NTS

GENERAL NOTES

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LEGEND

PROPOSED DECIDUOUS TREE

PROPOSED DECIDUOUS SHRUB

PROPOSED PERENNIALS

EXISTING TREE LOCATION WITH CANOPY

WOOD BOLLARDS

PROPOSED CONIFEROUS TREE

PROPOSED EVERGREEN SHRUB

PLANT KEY

STREET LIGHTINGS

CHAIN LINK FENCE

PROPERTY BOUNDARY (28,868.4m²)

LIMITS OF DEVELOPMENT (22,550.0m²)

5m FOUNDATION SETBACK LIMIT

Sod Areas (350m²)

Garden Mulch Bed (1,84m²)

Proposed Seeding Areas (OSC Ultra Lawn Seed Mix #7070 (657m²)

Proposed Seeding Areas (OSC #8155 (3,215m²)

Proposed Seeding Areas (OSC #8215 (174m²)

STAMP

APPROVAL

SITE PLAN BY HUNT DESIGN ASSOCIATES INC. (22204652P01, 2022.08.16 ISSUED DWG)

SITE GRADING & SERVING PLAN BY JONES CONSULTING GROUP LTD. (ACAD-PER-15101, DESIGN-BASE-MODEL.DWG TRANS ON AUG.15-22)

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LANDSCAPE ARCHITECTS & CONSULTING ARBORISTS

OFFICE: 705-796-1122

info@LEGroupltd.com

www.LEGroupLtd.com

CLIENT:

FERNBROOK HOMES (PARKSIDE) LIMITED

PROJECT:

70 PIONEER TRAIL, BARRIE  
ONTARIO, L4N 0T8 DEVELOPMENT

LEGAL DESCRIPTION:

BLOCK 113, 51M-986

DRAWING:

OVERALL LANDSCAPE PLAN

SCALE BAR: 10m 0 10 20 30

Scale = 1:500

PROJECT NO.:

LA 541-21

MUNICIPAL FILE NO.:

D28-052-2020

DRAWN BY:

E.F., S.K.

CHECKED BY:

J.H.

DRAWING No.:

L-1

SCALE:

1:500

DATE:

JAN 24, 2022

GO PIONEER TRAIL  
PLAN 954  
PT LOT 8 & 9

68  
PIONEER  
TRAIL  
PLAN 954  
PT LOT 10

PART 15, 51R-30521

NOTE: HATCHED AREA TO BE OSC MIX #155  
TABLELAND PRAIRIE GRASS NATIVE SEED MIXTURE.  
IT CONTAINS:

- Big Blue Stem (andropogon gerardii)
- Canada Wild Rye (Elymus canadensis)
- Indiangrass (Sorghastrum nutans)
- Little Bluestem (Schizachyrium scoparium)
- Prairie Cordgrass (Spartina pectinata)
- Switchgrass (Panicum virgatum)

SOW AT 500g/180m<sup>2</sup> or 25kg/ha

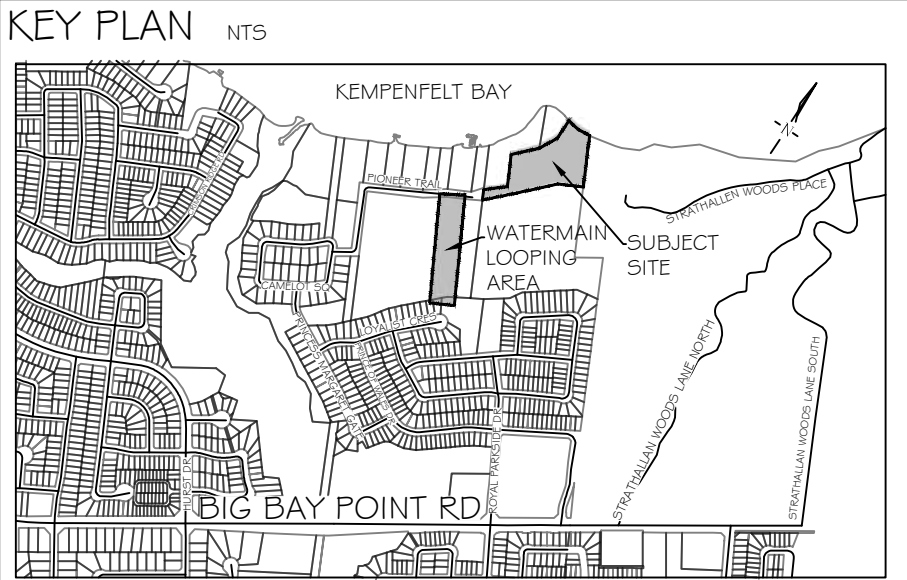
SITE PREPARATION & SEEDING NOTES

1. A MINIMUM 200mm OF TOPSOIL TO BE APPLIED OVER ENTIRE NATURALIZATION AREA.
2. ALL DISTURBED AREAS TO BE HYDRO SEEDING AS INDICATED ON PLAN WITH SPECIFIED SEED MIXES.
3. SEED AT A RATE OF 25kg/ha OF SEED MIX WITH 12kg/ha ANNUAL RYE GRASS OR NATIVE OAT AS A NURSE CROP. SEED AREAS DURING EARLY SPRING UNTIL JUNE 15th OR AFTER THE 15th OF AUGUST BUT NO LATER THAN SEPTEMBER 31st.

CHAIN LINK FENCE TO BE  
INSTALLED 150mm ON CITY  
PROPERTY (SEE DETAIL ON LD-1)

BLOCK 116

MATCHLINE LP-2  
MATCHLINE LP-3



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**LEGEND**

PROPOSED DECIDUOUS TREE

PROPOSED CONIFEROUS TREE

PROPOSED DECIDUOUS SHRUBS

PROPOSED EVERGREEN SHRUBS

PROPOSED PERENNIALS

PLANT KEY

EXISTING TREE LOCATION WITH CANOPY

STREET LIGHTINGS

WOOD BOLLARDS

CHAIN LINK FENCE

PROPERTY BOUNDARY

LIMITS OF DEVELOPMENT

5m FOUNDATION SETBACK LIMIT

Sod Areas

Proposed Seeding Areas  
OSC Ultra Lawn Seed Mix #7070

Proposed Seeding Areas  
OSC #8155

|    |            |      |                                                                                  |
|----|------------|------|----------------------------------------------------------------------------------|
| 4  | AUG 18-22  | S.K. | REVISED AS PER SITE PLAN & ELECTRICAL PLAN UPDATES                               |
| 3  | AUG 9-22   | S.K. | ADDED TREE PLANTING AT WATERMAIN LOOPING AREA & REVISED AS PER SITE PLAN UPDATES |
| 2  | JULY 21-22 | S.K. | REVISED AS PER CITY COMMENTS & SITE PLAN UPDATES                                 |
| 1  | MAY 02-22  | B.B. | ADDED OFFSITE TREES AS PER CITY COMMENTS                                         |
| NO | DATE       | BY   | REVISIONS                                                                        |

STAMP

APPROVAL

SITE PLAN BY HUNT DESIGN ASSOCIATES INC.  
(22204655P1, 2022.08.16 ISSUED DWG)  
SITE GRADING & SERVING PLAN BY JONES CONSULTING GROUP LTD.  
(ACAD-PER-15101, DESIGN-BASE-MODEL.DWG TRANS ON AUG.15-22)

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CLIENT: FERNBROOK HOMES (PARKSIDE) LIMITED

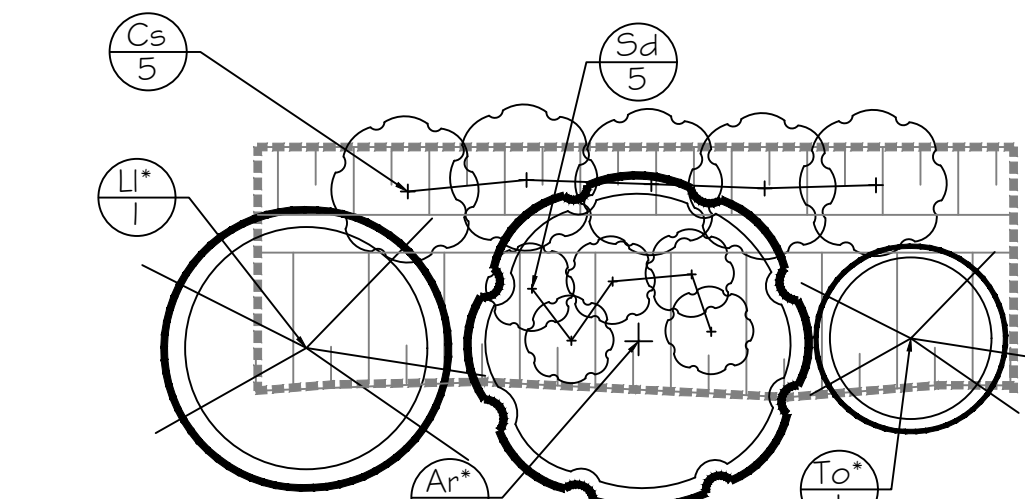
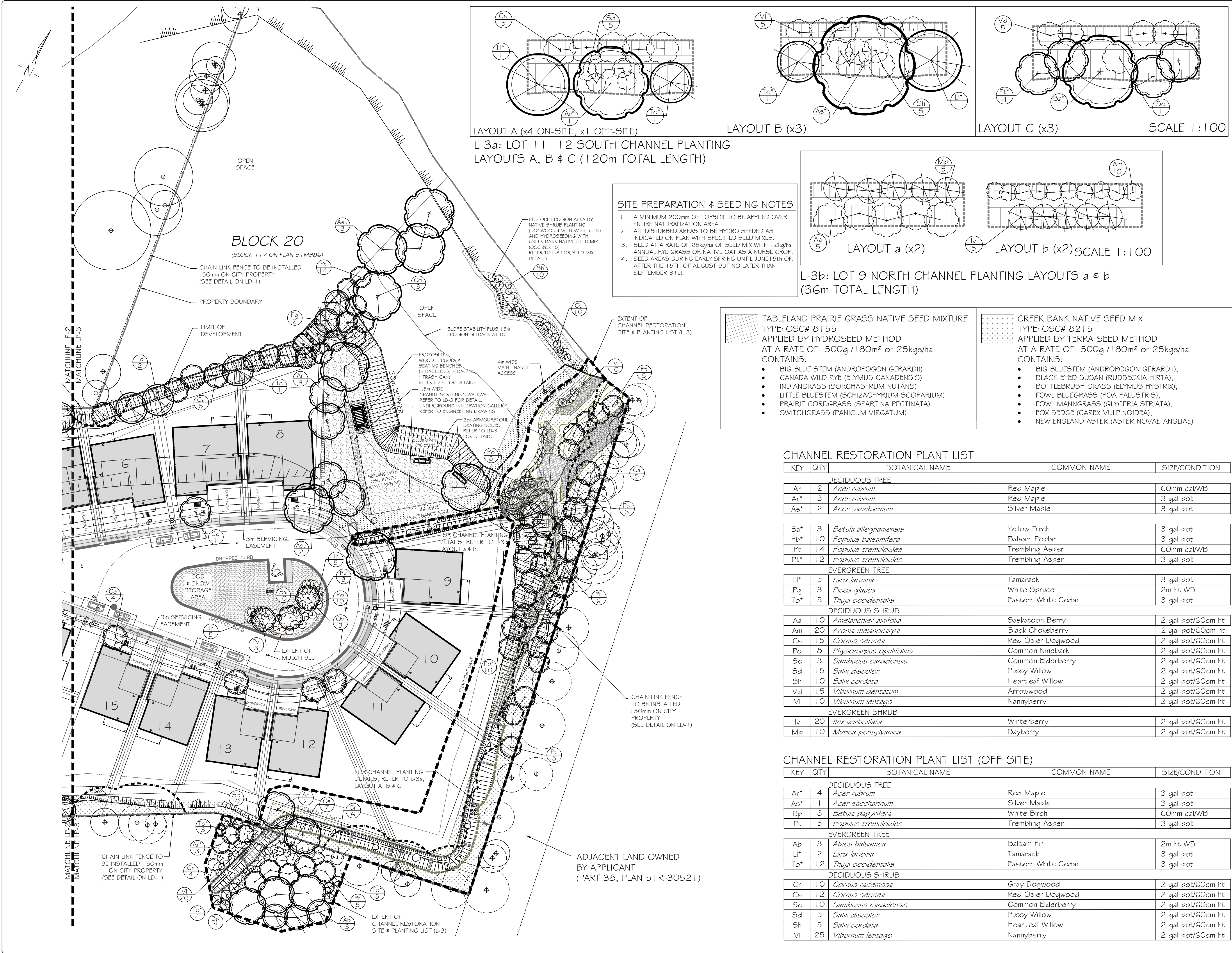
PROJECT: 70 PIONEER TRAIL, BARRIE  
ONTARIO, L4N 0T8 DEVELOPMENT

LEGAL DESCRIPTION: BLOCK 113, 51M-986

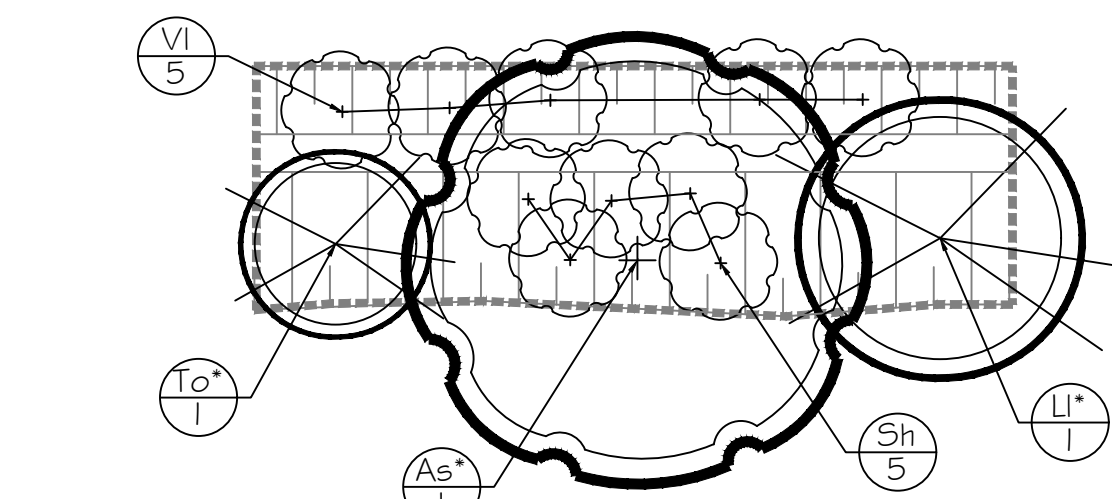
DRAWING: LANDSCAPE ENLARGEMENT 1

SCALE BAR: 5m 0 5 10 15  
Scale = 1:250

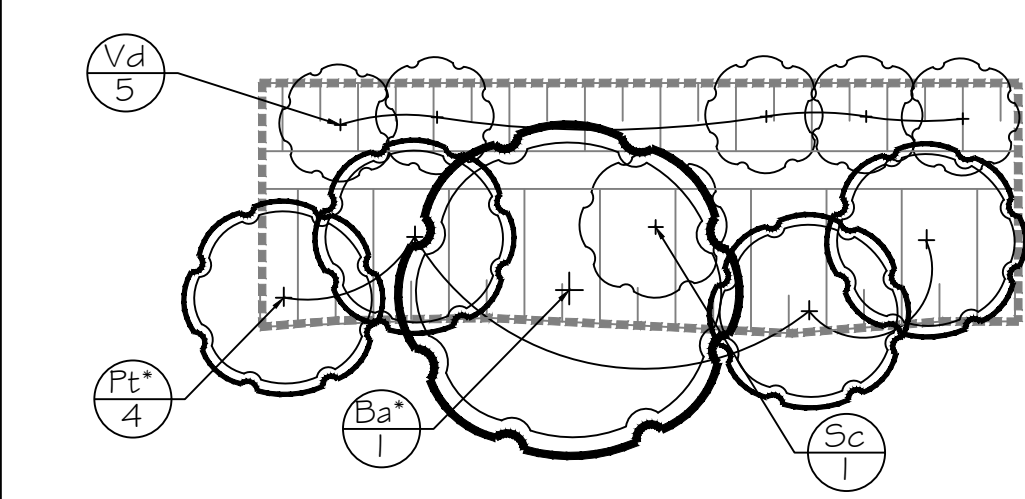
|                                  |                    |
|----------------------------------|--------------------|
| PROJECT NO.: LA 541-21           | SCALE: 1:250       |
| MUNICIPAL FILE NO.: D28-052-2020 | DATE: JAN 24, 2022 |
| DRAWN BY: E.F., S.K.             | CHECKED BY: J.H.   |
| DRAWING No.: L-2                 |                    |



L-3a: LOT 11- 12 SOUTH CHANNEL PLANTING LAYOUTS A, B & C (120m TOTAL LENGTH)



LAYOUT B (x3)

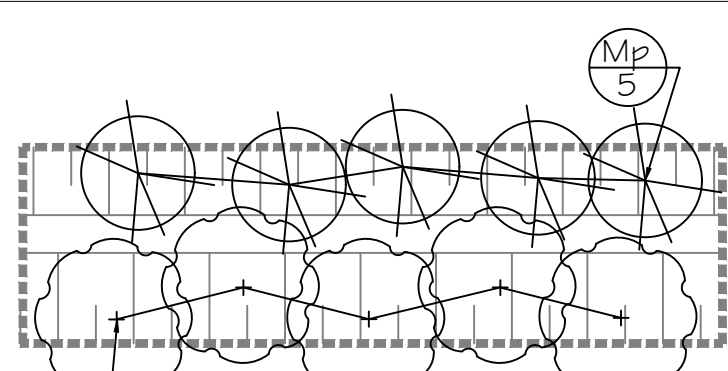


LAYOUT C (x3)

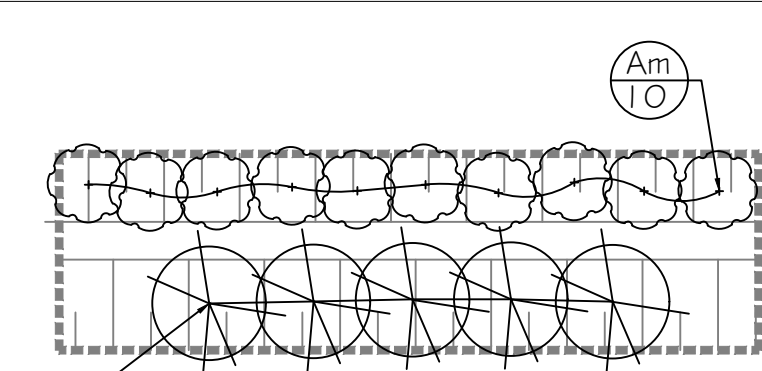
SCALE 1:100

SITE PREPARATION & SEEDING NOTES

1. A MINIMUM 200mm OF TOPSOIL TO BE APPLIED OVER ENTIRE NATURALIZATION AREA.
2. ALL DISTURBED AREAS TO BE HYDRO SEEDING AS INDICATED ON PLAN WITH SPECIFIED SEED MIXES.
3. SEED AT A RATE OF 25kg/ha OF SEED MIX WITH 12kg/ha ANNUAL RYE GRASS OR NATIVE OAT AS A NURSE CROP.
4. SEED AREAS DURING EARLY SPRING UNTIL JUNE 15th OR AFTER THE 15th OF AUGUST BUT NO LATER THAN SEPTEMBER 31st.



LAYOUT a (x2)



LAYOUT b (x2) SCALE 1:100

L-3b: LOT 9 NORTH CHANNEL PLANTING LAYOUTS a & b (36m TOTAL LENGTH)

TABLELAND PRAIRIE GRASS NATIVE SEED MIXTURE TYPE: OSC# 8155 APPLIED BY HYDROSEED METHOD AT A RATE OF 500g / 180m<sup>2</sup> or 25kgs/ha CONTAINS:

- BIG BLUE STEM (ANDROPOGON GERARDII)
- CANADA WILD RYE (ELYMUS CANADENSIS)
- INDIANGRASS (SORGHASTRUM NUTANS)
- LITTLE BLUESTEM (SCHIZACHYRIUM SCOPARIUM)
- PRAIRIE CORDGRASS (SPARTINA PECTINATA)
- SWITCHGRASS (PANICUM VIRGATUM)

CREEK BANK NATIVE SEED MIX TYPE: OSC# 8215 APPLIED BY TERRA-SEED METHOD AT A RATE OF 500g / 180m<sup>2</sup> or 25kgs/ha CONTAINS:

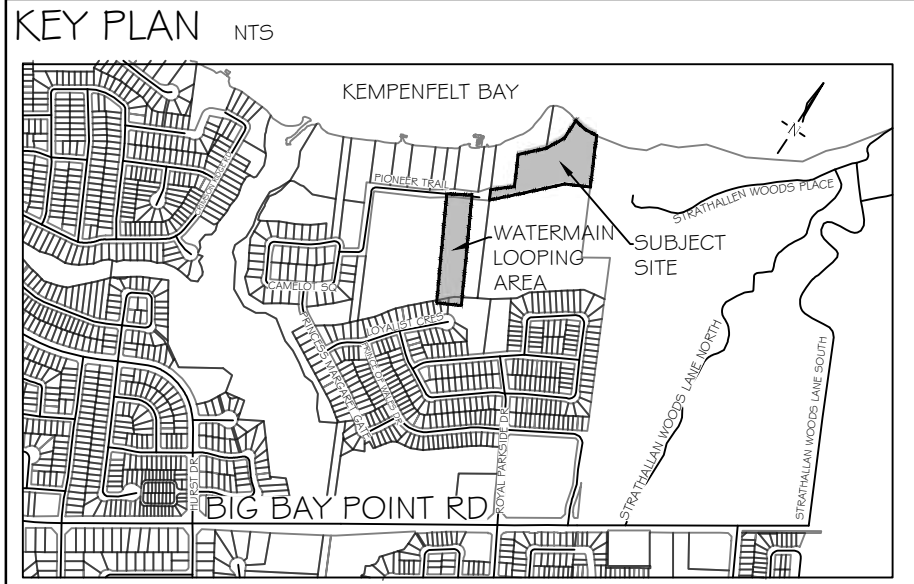
- BIG BLUESTEM (ANDROPOGON GERARDII),
- BLACK EYED SUSAN (RUDBECKIA HIRTA),
- BOTTLEBRUSH GRASS (ELYMUS HYSTRIX),
- FOWL BLUEGRASS (POA PALUSTRIS),
- FOWL MANNGRASS (GLYCERIA STRIATA),
- FOX SEDGE (CAREX VULPINOIDEA),
- NEW ENGLAND ASTER (ASTER NOVAE-ANGLIAE)

CHANNEL RESTORATION PLANT LIST

| KEY             | QTY | BOTANICAL NAME                 | COMMON NAME         | SIZE/CONDITION    |
|-----------------|-----|--------------------------------|---------------------|-------------------|
| DECIDUOUS TREE  |     |                                |                     |                   |
| Ar              | 2   | <i>Acer rubrum</i>             | Red Maple           | 60mm ca/WB        |
| Ar*             | 3   | <i>Acer rubrum</i>             | Red Maple           | 3 gal pot         |
| As*             | 2   | <i>Acer saccharinum</i>        | Silver Maple        | 3 gal pot         |
| EVERGREEN TREE  |     |                                |                     |                   |
| Ba*             | 3   | <i>Betula alleghaniensis</i>   | Yellow Birch        | 3 gal pot         |
| Pb*             | 10  | <i>Populus balsamifera</i>     | Balsam Poplar       | 3 gal pot         |
| Pt              | 14  | <i>Populus tremuloides</i>     | Trembling Aspen     | 60mm ca/WB        |
| Pt*             | 12  | <i>Populus tremuloides</i>     | Trembling Aspen     | 3 gal pot         |
| DECIDUOUS SHRUB |     |                                |                     |                   |
| Li*             | 5   | <i>Larix laricina</i>          | Tamarack            | 3 gal pot         |
| Pg              | 3   | <i>Picea glauca</i>            | White Spruce        | 2m ht WB          |
| To*             | 5   | <i>Thuja occidentalis</i>      | Eastern White Cedar | 3 gal pot         |
| EVERGREEN SHRUB |     |                                |                     |                   |
| Aa              | 10  | <i>Amelanchier alnifolia</i>   | Saskatoon Berry     | 2 gal pot/60cm ht |
| Am              | 20  | <i>Aronia melanocarpa</i>      | Black Chokeberry    | 2 gal pot/60cm ht |
| Cs              | 15  | <i>Cornus sericea</i>          | Red Osier Dogwood   | 2 gal pot/60cm ht |
| Po              | 8   | <i>Physocarpus opulifolius</i> | Common Ninebark     | 2 gal pot/60cm ht |
| Sc              | 3   | <i>Sambucus canadensis</i>     | Common Elderberry   | 2 gal pot/60cm ht |
| Sd              | 15  | <i>Salix discolor</i>          | Pussy Willow        | 2 gal pot/60cm ht |
| Sh              | 10  | <i>Salix cordata</i>           | Heartleaf Willow    | 2 gal pot/60cm ht |
| Vd              | 15  | <i>Viburnum dentatum</i>       | Arrowwood           | 2 gal pot/60cm ht |
| Vi              | 10  | <i>Viburnum lentago</i>        | Nannyberry          | 2 gal pot/60cm ht |
| EVERGREEN SHRUB |     |                                |                     |                   |
| Iv              | 20  | <i>Ilex verticillata</i>       | Winterberry         | 2 gal pot/60cm ht |
| Mp              | 10  | <i>Myrica pensylvanica</i>     | Bayberry            | 2 gal pot/60cm ht |

CHANNEL RESTORATION PLANT LIST (OFF-SITE)

| KEY             | QTY | BOTANICAL NAME             | COMMON NAME         | SIZE/CONDITION    |
|-----------------|-----|----------------------------|---------------------|-------------------|
| DECIDUOUS TREE  |     |                            |                     |                   |
| Ar*             | 4   | <i>Acer rubrum</i>         | Red Maple           | 3 gal pot         |
| As*             | 1   | <i>Acer saccharinum</i>    | Silver Maple        | 3 gal pot         |
| Bp              | 3   | <i>Betula papyrifera</i>   | White Birch         | 60mm ca/WB        |
| Pt              | 5   | <i>Populus tremuloides</i> | Trembling Aspen     | 3 gal pot         |
| EVERGREEN TREE  |     |                            |                     |                   |
| Ab              | 3   | <i>Abies balsamea</i>      | Balsam Fir          | 2m ht WB          |
| Li*             | 2   | <i>Larix laricina</i>      | Tamarack            | 3 gal pot         |
| To*             | 12  | <i>Thuja occidentalis</i>  | Eastern White Cedar | 3 gal pot         |
| DECIDUOUS SHRUB |     |                            |                     |                   |
| Cr              | 10  | <i>Cornus racemosa</i>     | Gray Dogwood        | 2 gal pot/60cm ht |
| Cs              | 12  | <i>Cornus sericea</i>      | Red Osier Dogwood   | 2 gal pot/60cm ht |
| Sc              | 10  | <i>Sambucus canadensis</i> | Common Elderberry   | 2 gal pot/60cm ht |
| Sd              | 5   | <i>Salix discolor</i>      | Pussy Willow        | 2 gal pot/60cm ht |
| Sh              | 5   | <i>Salix cordata</i>       | Heartleaf Willow    | 2 gal pot/60cm ht |
| Vi              | 25  | <i>Viburnum lentago</i>    | Nannyberry          | 2 gal pot/60cm ht |



GENERAL NOTES

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The Contractor is to report any discrepancies in writing to the Landscape Architect prior to proceeding with the works to determine the impact and suitability of the proposed works. The Landscape Architect will not be responsible for any unapproved adjustments on site.

Construction of the works must conform to Authority requirements and applicable codes where they have jurisdiction.

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LEGEND

- PROPOSED DECIDUOUS TREE
- PROPOSED CONIFEROUS TREE
- PROPOSED DECIDUOUS SHRUBS
- PROPOSED EVERGREEN SHRUBS
- PROPOSED PERENNIALS
- PLANT KEY
- EXISTING TREE LOCATION WITH CANOPY
- STREET LIGHTINGS
- SEATING BOULDER
- CHAIN LINK FENCE
- PROPERTY BOUNDARY
- LIMITS OF DEVELOPMENT
- 5m FOUNDATION SETBACK LIMIT

- Sod Areas
- Proposed Seeding Areas OSC Ultra Lawn Seed Mix #7070
- Proposed Seeding Areas (OSC #8155)
- Proposed Seeding Areas (OSC #8215)

|    |            |      |                                                                                          |
|----|------------|------|------------------------------------------------------------------------------------------|
| 4  | AUG 16-22  | S.K. | REVISED AS PER SITE PLAN 4 ELECTRICAL PLAN UPDATES                                       |
| 3  | AUG 9-22   | S.K. | ADDED OSC MOUNTAIN PLANTING AT WATERMAIN LOOPING AREA & REVISED AS PER SITE PLAN UPDATES |
| 2  | JULY 21-22 | S.K. | REVISED AS PER CITY COMMENTS & SITE PLAN UPDATES                                         |
| 1  | MAY 02-22  | B.B. | ADDED OFFSITE TREES AS PER CITY COMMENTS                                                 |
| NO | DATE       | BY   | REVISIONS                                                                                |

STAMP



APPROVAL

SITE PLAN BY HUNT DESIGN ASSOCIATES INC. (2220462501, 2022.08.16 ISSUED DWG)

SITE GRADING & SERVING PLAN BY JONES CONSULTING GROUP LTD. (ACAD-FER-15101, DESIGN-BASE-MODEL.DWG TRANS ON AUG.15-22)

**LANDMARK ENVIRONMENTAL GROUP LTD**

LANDSCAPE ARCHITECTS & CONSULTING ARBORISTS

OFFICE: 705-796-1122

info@LEGGroupLtd.com

www.LEGroupLtd.com

CLIENT: FERNBROOK HOMES (PARKSIDE) LIMITED

PROJECT: 70 PIONEER TRAIL, BARRIE ONTARIO, L4N 0T8 DEVELOPMENT

LEGAL DESCRIPTION: BLOCK 113, 51M-986

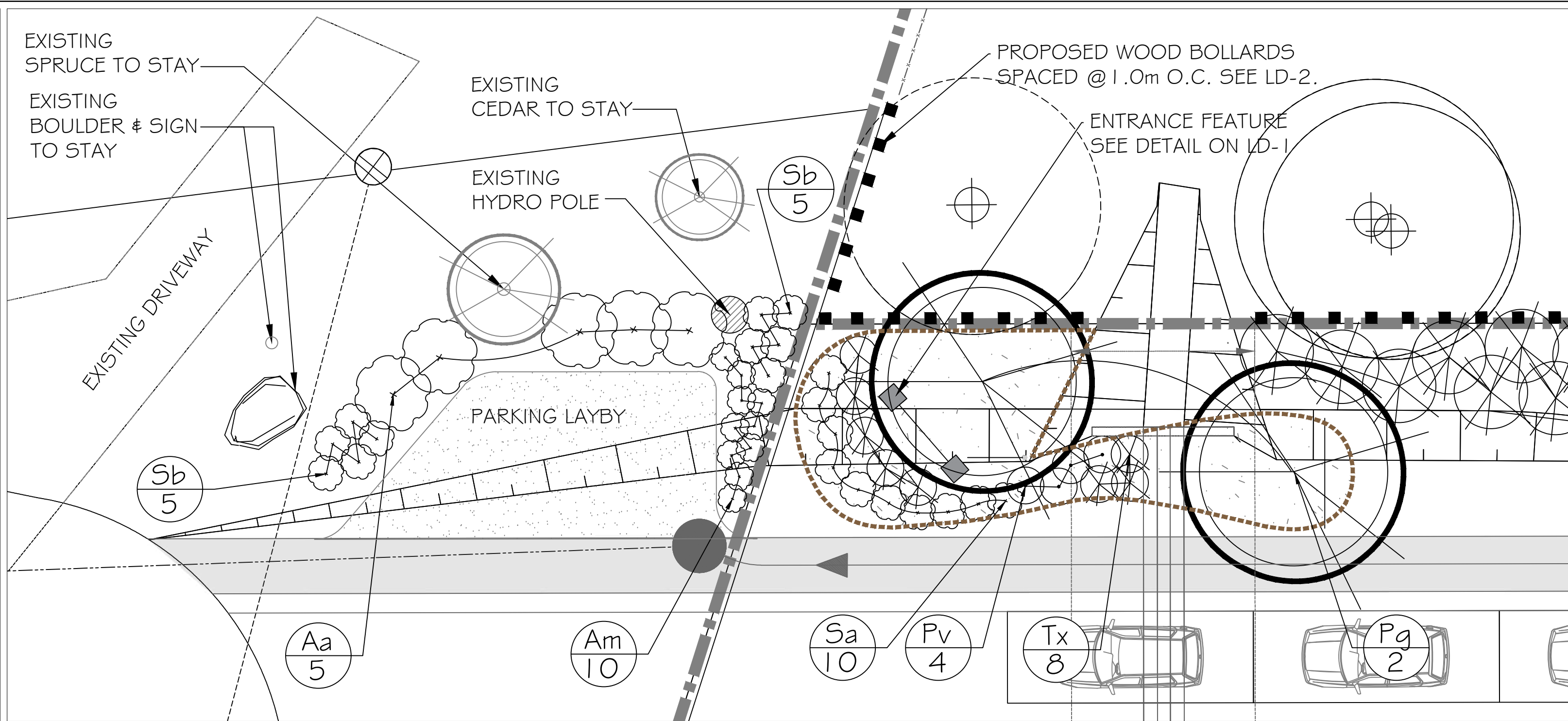
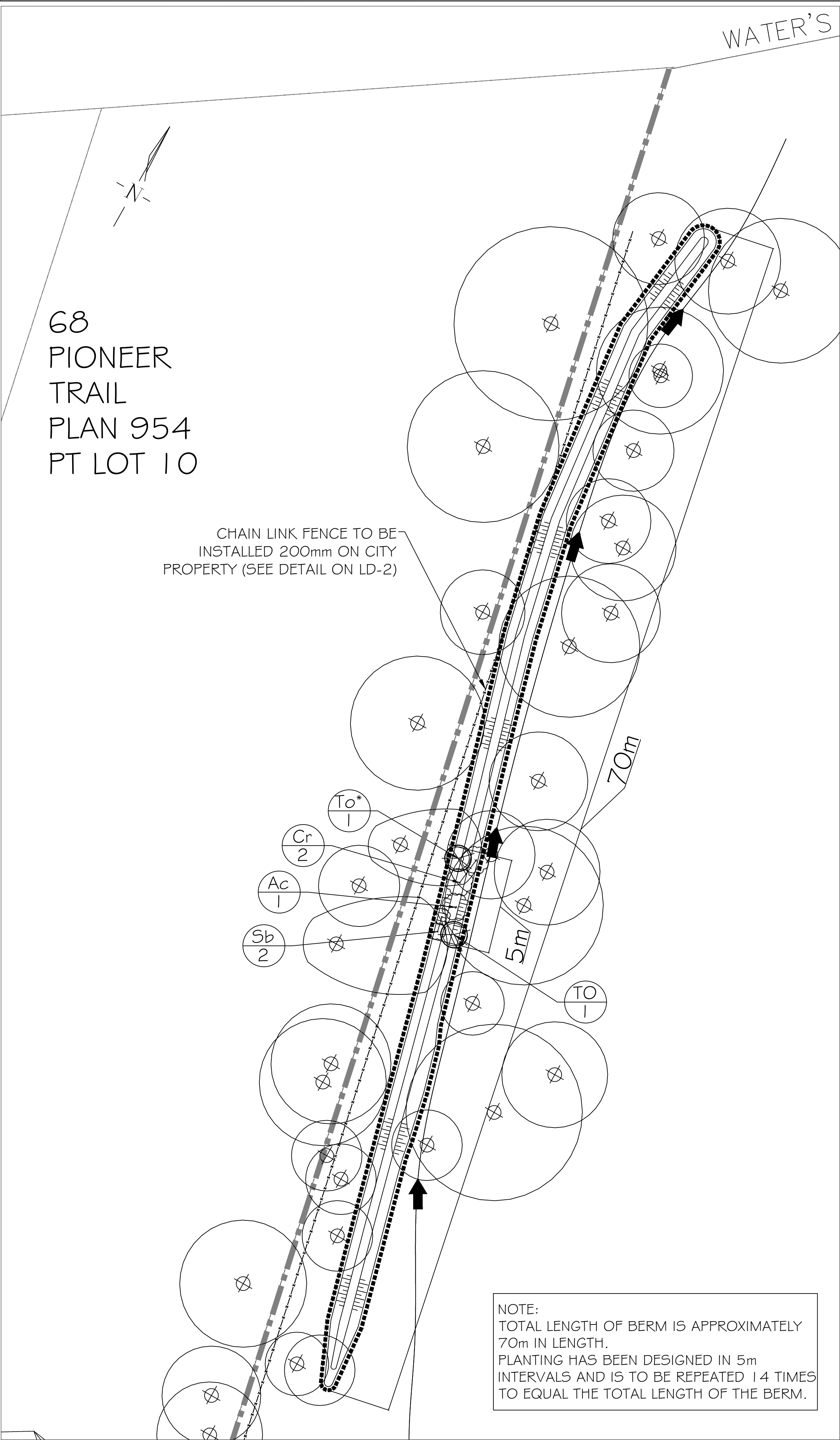
DRAWING: LANDSCAPE ENLARGEMENT 2

SCALE BAR: 8m 0 8 16 24 Scale = 1:400

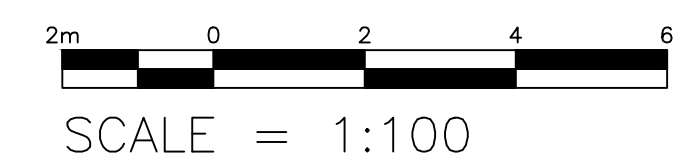
PROJECT NO.: LA 541-21 SCALE: 1:400

MUNICIPAL FILE NO.: D28-052-2020 DATE: JAN 24, 2022

DRAWN BY: E.F., S.K. CHECKED BY: J.H. DRAWING No.: L-3



ENTRANCE FEATURE / PARKING LAYBY LANDSCAPE ENLARGEMENT



PLANT LIST (ENTRANCE SIGN BED)

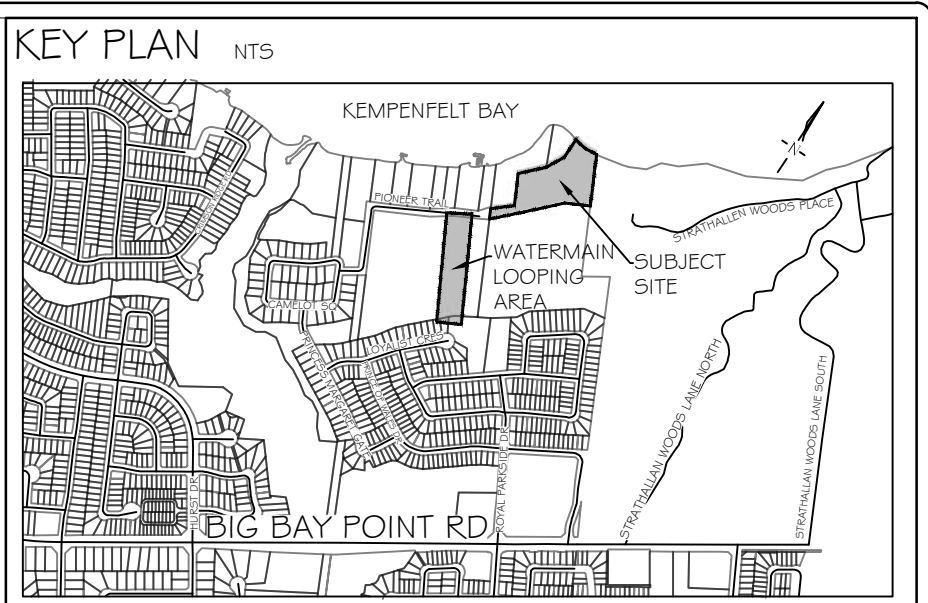
| KEY                  | QTY | BOTANICAL NAME          | COMMON NAME  | SIZE/CONDITION    |
|----------------------|-----|-------------------------|--------------|-------------------|
| TREES                |     |                         |              |                   |
| Pg                   | 2   | <i>Picea glauca</i>     | White Spruce | 2m ht/WB          |
| SHRUBS               |     |                         |              |                   |
| Sa                   | 10  | <i>Spiraea alba</i>     | Meadow-sweet | 2 gal pot/60cm ht |
| Tx                   | 8   | <i>Taxus canadensis</i> | Canadian Yew | 2 gal pot/60cm ht |
| PERENNIALS / GRASSES |     |                         |              |                   |
| Pv                   | 4   | <i>Panicum virgatum</i> | Switch Grass | 1 gal pot/30cm ht |

PLANT LIST (OFF-SITE PARKING LAYBY)

| KEY    | QTY | BOTANICAL NAME               | COMMON NAME      | SIZE/CONDITION    |
|--------|-----|------------------------------|------------------|-------------------|
| SHRUBS |     |                              |                  |                   |
| Aa     | 5   | <i>Amelanchier alnifolia</i> | Saskatoon Berry  | 2 gal pot/60cm ht |
| Am     | 10  | <i>Aronia melanocarpa</i>    | Black Chokeberry | 2 gal pot/60cm ht |
| Sb     | 10  | <i>Symphoricarpos albus</i>  | Snowberry        | 2 gal pot/60cm ht |

PLANT LIST (BLOCK 116 BERM - OFF SITE)

| KEY    | QTY | BOTANICAL NAME                | COMMON NAME         | SIZE/CONDITION    |
|--------|-----|-------------------------------|---------------------|-------------------|
| TREES  |     |                               |                     |                   |
| To     | 28  | <i>Thuja occidentalis</i>     | Eastern White Cedar | 2m ht/WB          |
| SHRUBS |     |                               |                     |                   |
| Ac     | 14  | <i>Amelanchier canadensis</i> | Serviceberry        | 2 gal pot/60cm ht |
| Cr     | 28  | <i>Cornus racemosa</i>        | Grey Dogwood        | 2 gal pot/60cm ht |
| Sa     | 28  | <i>Symphoricarpos albus</i>   | Snowberry           | 2 gal pot/60cm ht |



KEY PLAN

**GENERAL NOTES**

The Client and its contractors are responsible for all utility locates and confirming all setbacks, elevations, grades, etc. prior to installation of the constructed works.

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| LEGEND |                                    |
|--------|------------------------------------|
|        | PROPOSED DECIDUOUS TREE            |
|        | PROPOSED CONIFEROUS TREE           |
|        | PROPOSED DECIDUOUS SHRUBS          |
|        | PROPOSED EVERGREEN SHRUBS          |
|        | PROPOSED PERENNIALS                |
|        | PLANT KEY                          |
|        | EXISTING TREE LOCATION WITH CANOPY |
|        | WOOD BOLLARDS                      |
|        | CHAIN LINK FENCE                   |
|        | PROPERTY BOUNDARY                  |

|    |            |      |                                                                                        |
|----|------------|------|----------------------------------------------------------------------------------------|
| 4  | AUG 16-22  | S.K. | REVISED AS PER SITE PLAN 4 ELECTRICAL PLAN UPDATES                                     |
| 3  | AUG 9-22   | S.K. | ADDED TOPOGRAPHY PLANTING AT WATERMAIN LOOPING AREA 4 REVISED AS PER SITE PLAN UPDATES |
| 2  | JULY 21-22 | S.K. | REVISED AS PER CITY COMMENTS 4 SITE PLAN UPDATES                                       |
| 1  | MAY 02-22  | B.B. | ADDED OFF-SITE TREES AS PER CITY COMMENTS                                              |
| NO | DATE       | BY   | REVISIONS                                                                              |

| STAMP | APPROVAL |
|-------|----------|
|       |          |

SITE PLAN BY HUNT DESIGN ASSOCIATES INC.  
(22204659P01, 2022.08.16 ISSUED DWG)  
SITE GRADING 4 SERVICING PLAN BY JONES CONSULTING GROUP LTD.  
(ACAD-FER-15101, DESIGN-BASE-MODEL.DWG TRANS ON AUG.15-22)

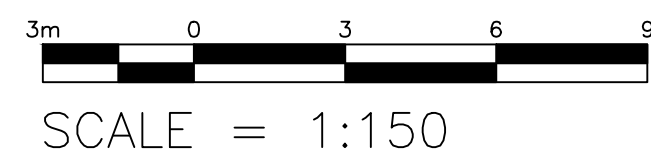
**LANDMARK**  
ENVIRONMENTAL GROUP LTD

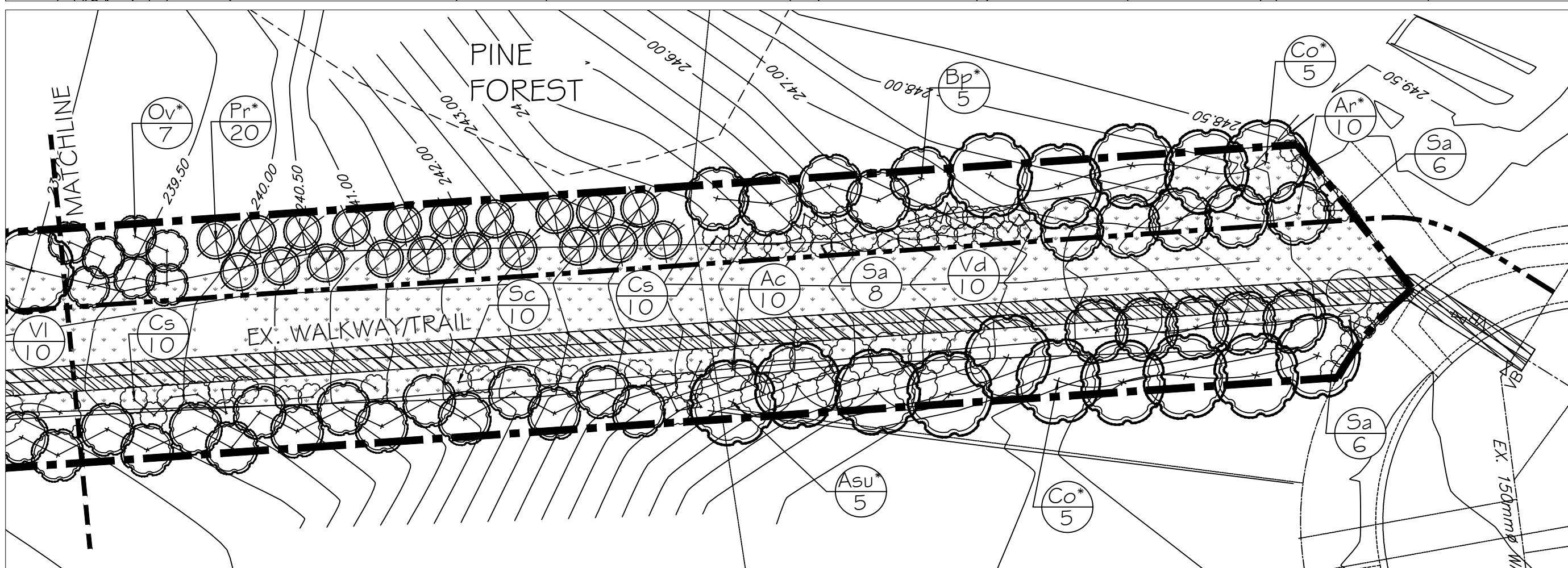
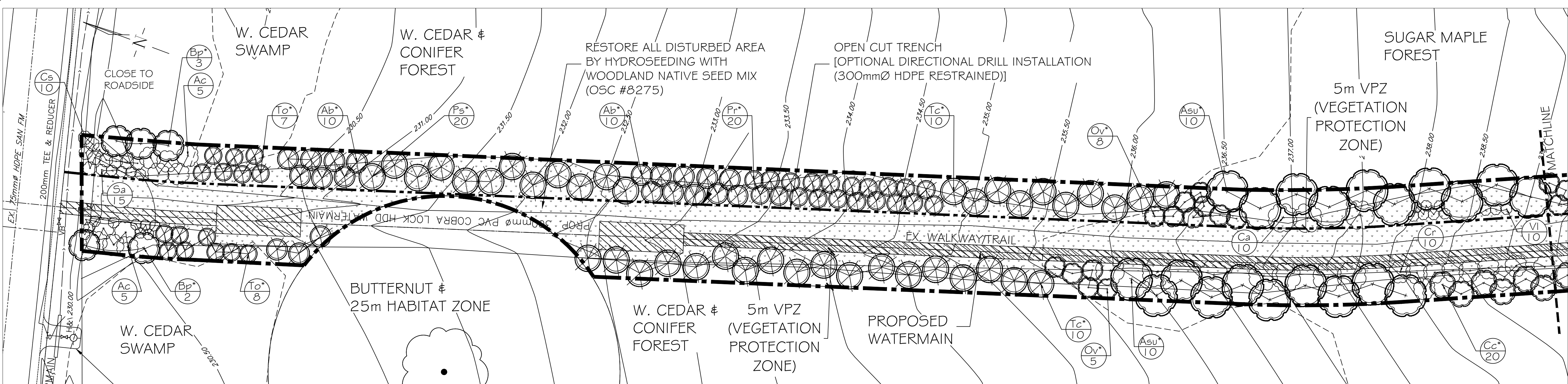
**LANDSCAPE ARCHITECTS & CONSULTING ARBORISTS**

OFFICE: 705-796-1122  
info@LEGGroupLtd.com  
www.LEGroupLtd.com

|                     |                                                          |
|---------------------|----------------------------------------------------------|
| CLIENT:             | FERNBROOK HOMES (PARKSIDE) LIMITED                       |
| PROJECT:            | 70 PIONEER TRAIL, BARRIE<br>ONTARIO, L4N 0T8 DEVELOPMENT |
| LEGAL DESCRIPTION:  | BLOCK 113, 51M-986                                       |
| DRAWING:            | LANDSCAPE ENLARGEMENT 3                                  |
| SCALE BAR:          | 10m 0 10 20 30<br>Scale = 1:500                          |
| PROJECT NO.:        | LA 541-21                                                |
| MUNICIPAL FILE NO.: | D28-052-2020                                             |
| DRAWN BY:           | E.F., S.K.                                               |
| CHECKED BY:         | J.H.                                                     |
| DRAWING No.:        | L-4                                                      |
| SCALE:              | N.T.S.                                                   |
| DATE:               | JAN 24, 2022                                             |

BERM PLANTING ENLARGEMENT





## PLANT LIST

| KEY            | QTY | BOTANICAL NAME              | COMMON NAME      | SIZE/CONDITION |
|----------------|-----|-----------------------------|------------------|----------------|
| DECIDUOUS TREE |     |                             |                  |                |
| Ar*            | 10  | <i>Acer rubrum</i>          | Red Maple        | 3 gal pot      |
| Asu*           | 25  | <i>Acer saccharum</i>       | Sugar Maple      | 3 gal pot      |
| Bp*            | 10  | <i>Betula papyrifera</i>    | White Birch      | 3 gal pot      |
| Cc*            | 20  | <i>Carpinus caroliniana</i> | Blue Beech       | 3 gal pot      |
| Co*            | 10  | <i>Celtis occidentalis</i>  | Common Hackberry | 3 gal pot      |
| Ov*            | 20  | <i>Ostrya virginiana</i>    | Ironwood         | 3 gal pot      |

|                |    |                           |                     |           |
|----------------|----|---------------------------|---------------------|-----------|
| EVERGREEN TREE |    |                           |                     |           |
| Ab*            | 20 | <i>Abies balsamea</i>     | Balsam Fir          | 3 gal pot |
| Pr*            | 40 | <i>Pinus resinosa</i>     | Red Pine            | 3 gal pot |
| Ps*            | 20 | <i>Pinus strobus</i>      | Eastern White Pine  | 3 gal pot |
| Tc*            | 20 | <i>Tsuga canadensis</i>   | Eastern Hemlock     | 3 gal pot |
| To*            | 15 | <i>Thuja occidentalis</i> | Eastern White Cedar | 3 gal pot |

|                 |    |                               |                        |           |
|-----------------|----|-------------------------------|------------------------|-----------|
| DECIDUOUS SHRUB |    |                               |                        |           |
| Ac              | 20 | <i>Amelanchier canadensis</i> | Serviceberry           | 2 gal pot |
| Ca              | 10 | <i>Cornus alternifolia</i>    | Alternate Leaf Dogwood | 2 gal pot |
| Cr              | 10 | <i>Cornus racemosa</i>        | Gray Dogwood           | 2 gal pot |
| Cs              | 30 | <i>Cornus sericea</i>         | Red Osier Dogwood      | 2 gal pot |
| Sc              | 10 | <i>Sambucus canadensis</i>    | Common Elderberry      | 2 gal pot |
| Sa              | 35 | <i>Spiraea alba</i>           | Meadow-sweet           | 2 gal pot |
| Vd              | 10 | <i>Viburnum dentatum</i>      | Arrowwood              | 2 gal pot |
| VI              | 10 | <i>Viburnum lentago</i>       | Nannyberry             | 2 gal pot |

### NOTES:

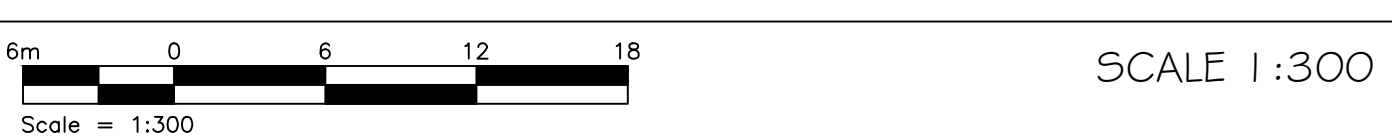
1. ASTERISK (\*) BESIDE PLANT KEY DENOTES TREE OF SMALLER SIZE (SAPLING).
2. SMALLER SIZE TREES SHOULD BE PLANTED ACCORDING TO SAPLING PLANTING DETAIL ON LD-2.
3. ALL TREES USED FOR EDGE MANAGEMENT & NATURALIZATION PLANTING SHALL HAVE A MINIMUM HEIGHT OF 1m.
4. TREE SYMBOLS ARE SHOWN IN 35% - 50% OF FULL GROWN CANOPY, WHILE SHRUB SPECIES ARE SHOWN 75% OF FULL SIZE.
5. RECOMMENDED PLANTING DENSITY IS TO BE 2m SPACING FOR SHRUBS, 3m - 5m SPACING FOR DECIDUOUS AND CONIFER TREES.
6. EDGE MANAGEMENT PLANTING PLAN HAS BEEN DEVELOPED BASED THE ELC DATA (EIS REPORT, FIGURE 2b PREPARED BY AZIMUTH ENVIRONMENTAL CONSULTING INC.). PLANT SPECIES AND TREE & SHRUB RATIO HAVE BEEN DETERMINED CONSIDERING THE SURROUNDING AREAS: WHITE CEDAR SWAMP, WHITE CEDAR & CONIFER FOREST, SUGAR MAPLE FOREST AND PINE FOREST. AS THE SUBJECT SITE IS A NARROW CORRIDOR LOCATED WITHIN THE WOODLOT, HIGHER RATIO OF TREE PLANTING IS PROPOSED AT THE AREA CLOSE TO ROAD & RESIDENTIAL AREA, HIGHER RATIO OF TREE PLANTING TO PROVIDE SEAMLESS CONNECTION WITH ADJACENT TREE SPECIES IN THE MIDDLE PART OF WOODLOT. PLEASE SEE PLANTING DENSITY CHART FOR DETAILS.

### WOODLAND NATIVE SEED MIX (OSC #8275)

APPLIED BY TERRA-SEEDING METHOD  
AT A RATE OF 22 - 25 kg /ha AND  
ARE TO BE ACCOMPANIED BY A NURSE CROP.  
THE NURSE CROP TO BE SOWN AT A RATE OF 22 kg/ha  
\*SEEDS AREAS ARE NOT TO BE MOWED

CONTAINS  
FOXGLOVE BEARDTONGUE (PENSTEMON DIGITALIS)  
BEBB'S SEDGE (CAREX BEBBII)  
NODDING / FRINGED SEDGE (CAREX CRINATA)  
FOWL BLUEGRASS (POA PALUSTRIS)  
SHOWY TICK TREFOIL (DESMODIUM CANADENSIS)  
FOWL MANNAGRASS (GLYCERIA STRIATA)  
SPOTTED JOE PYE WEED (EUPATORIUM MACULATUM)  
CANADA ANEMONE (ANEMONE CANADENSIS)  
WHITE AVENS (GEUM CANADENSE)

## EDGE MANAGEMENT PLANTING PLAN

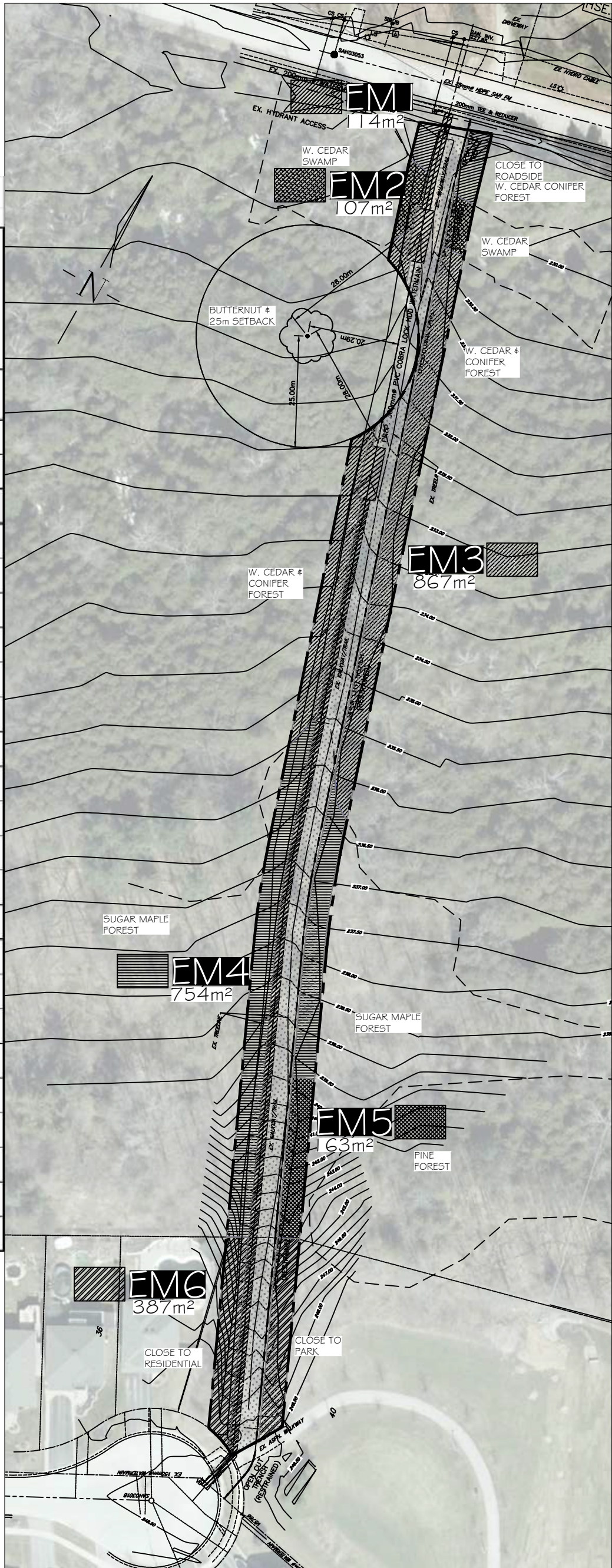


### Edge Management & Naturalization Planting Density Chart for Watermain Looping Area

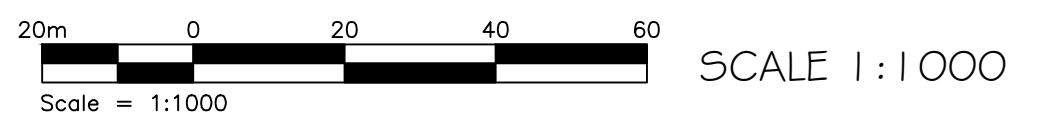
|                                            | EM1                 | EM2              | EM3                       | EM4                | EM5          | EM6                         | Total      |
|--------------------------------------------|---------------------|------------------|---------------------------|--------------------|--------------|-----------------------------|------------|
|                                            | Close to road side  | W.Cedar Swamp    | W. Cedar & Conifer Forest | Sugar Maple Forest | Pine Forest  | Close to residential & park |            |
| Area (sq.m)                                | 130                 | 131              | 985                       | 862                | 181          | 447                         |            |
| Recommended Planting Ratio (Dec: Con: Shr) | 50% Dec, 50% Shr    | 100% W. Cedar    | 100% Conifer              | 90% Dec, 10% Shr   | 100% Conifer | 80% Dec, 20% Shr            |            |
| Tree                                       | 3m - 5m spacing     | 5                | 15                        | 80                 | 60           | 20                          | 30         |
| Shrub                                      | 1.5m - 2m spacing   | 35               | 0                         | 0                  | 50           | 0                           | 50         |
|                                            |                     |                  |                           |                    |              |                             | <b>210</b> |
|                                            |                     |                  |                           |                    |              |                             | <b>135</b> |
| Botanical Name                             | Common Name         | Size & Condition | Quantity                  |                    |              |                             | Total      |
| Acer rubrum                                | Red Maple           | 3gal pot         |                           |                    |              | 10                          | 10         |
| Acer saccharum                             | Sugar Maple         | 3gal pot         |                           | 20                 |              | 5                           | 25         |
| Betula papyrifera                          | White Birch         | 3gal pot         | 5                         |                    |              | 5                           | 10         |
| Carpinus caroliniana                       | Blue Beech          | 3gal pot         |                           | 20                 |              |                             | 20         |
| Celtis occidentalis                        | Common Hackberry    | 3gal pot         |                           |                    |              | 10                          | 10         |
| Ostrya virginiana                          | Ironwood            | 3gal pot         |                           | 20                 |              |                             | 20         |
| Abies balsamea                             | Balsam Fir          | 3gal pot         |                           | 20                 |              |                             | 20         |
| Pinus resinosa                             | Red Pine            | 3gal pot         |                           | 20                 | 20           |                             | 40         |
| Pinus strobus                              | Eastern White Pine  | 3gal pot         |                           | 20                 |              |                             | 20         |
| Tsuga canadensis                           | Eastern Hemlock     | 3gal pot         |                           | 20                 |              |                             | 20         |
| Thuja occidentalis                         | Eastern White Cedar | 3gal pot         |                           | 15                 |              |                             | 15         |
| Tree Total:                                |                     |                  | <b>5</b>                  | <b>15</b>          | <b>80</b>    | <b>60</b>                   | <b>30</b>  |
|                                            |                     |                  |                           |                    |              |                             | <b>210</b> |
| Amelanchier canadensis                     | Serviceberry        | 2gal pot         | 10                        |                    |              | 10                          | 20         |
| Cornus alternifolia                        | Alt. Leaf Dogwood   | 2gal pot         |                           | 10                 |              |                             | 10         |
| Cornus racemosa                            | Gray Dogwood        | 2gal pot         |                           | 10                 |              |                             | 10         |
| Cornus sericea                             | Red Osier Dogwood   | 2gal pot         | 10                        | 10                 | 10           |                             | 30         |
| Sambucus racemosa                          | Red Elderberry      | 2gal pot         |                           | 10                 |              |                             | 10         |
| Spiraea alba                               | Meadow-sweet        | 2gal pot         | 15                        |                    |              | 20                          | 35         |
| Viburnum lentago                           | Nannyberry          | 2gal pot         |                           | 10                 |              |                             | 10         |
| Viburnum dentatum                          | Arrowwood           | 2gal pot         |                           |                    |              | 10                          | 10         |
| Shrub Total:                               |                     |                  | <b>35</b>                 | <b>0</b>           | <b>0</b>     | <b>50</b>                   | <b>50</b>  |
|                                            |                     |                  |                           |                    |              |                             | <b>135</b> |

### NOTES FOR NATURALIZATION / RESTORATION TREE PLANTING & MONITORING PLAN

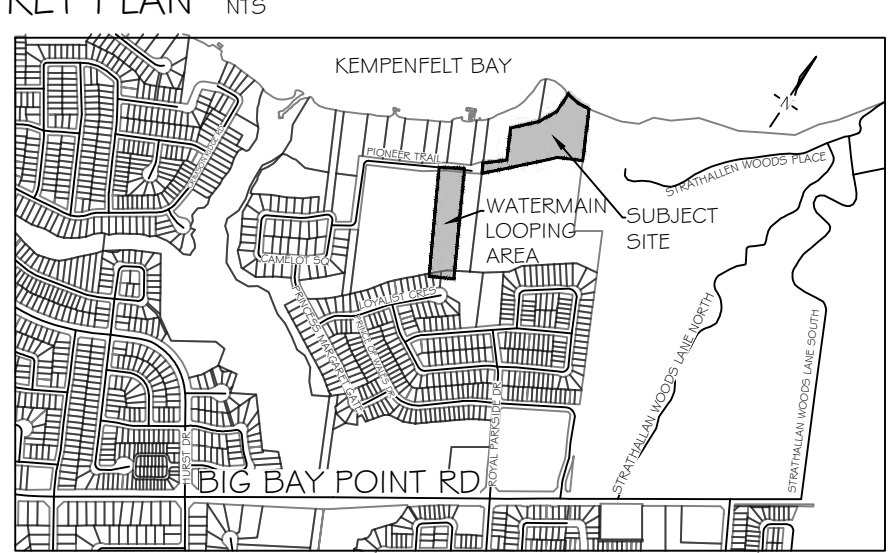
1. Site preparation  
The proposed naturalization planting is planned for edge management of woodlot area. Any type of planting site preparation including soil amendment and tilling is not recommended to avoid unnecessary introduction of invasive species.
2. Tree planting timeframe  
All trees & shrubs shall be planted manually on as-is site condition as per the applicable details. Desirable planting timeframe would be mid-May to early July after water levels have established particularly for river bank area tree plantings. As all proposed trees are potted or WB, not in Bare Root, upland tree plantings can be carried out any time within growing season until end of October.
3. Seeding requirements  
All disturbed areas within the woodland VPZ are to be terra-seeded with Woodland Native Seed Mix (8275) by OSC, at a rate of 22 - 25 kg /ha and are to be accompanied by a nurse crop. The nurse crop is to be sown at a rate of 22 kg/ha.
4. Post-planting Care  
All newly planted trees are recommended to receive min. 50mm depth mulching. All new deciduous tree planting to have applied skoot rodent repellent as a rodent deterrent, applied in accordance with manufacturer's recommendation. Watering is recommended to be done until establishment of new tree plantings in the first one year of growing season.
5. Mortality and replacements  
If the new tree plantings may require some re-establishment during the Contractor's two-year guarantee & warranty maintenance period, the Contractor should include a contingency for the replacement and re-establishment.



## EDGE MANAGEMENT PLANTING ZONING & PLANTING CONCEPT BASED ON ELC DATA



### KEY PLAN



### GENERAL NOTES

The Client and its contractors are responsible for all utility locates and confirming all setbacks, elevations, grades, etc. prior to installation of the constructed works.

The Contractor is to report any discrepancies in writing to the Landscape Architect prior to proceeding with the works to determine the impact and suitability of the proposed works. The Landscape Architect will not be responsible for any unapproved adjustments on site.

Construction of the works must conform to Authority requirements and applicable codes where they have jurisdiction.

All specifications and drawings are instruments of service and are the property and ownership of the Landmark Environmental Group Ltd. As such, the drawings shall not be modified or reproduced without the expressed written consent of Landmark Environmental Group Ltd. or they will be considered void. The said drawings are for Site Plan approval only and may require additional detailing prior to tender and construction.

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The Landmark Environmental Group Ltd. is not responsible for the accuracy of the base drawing information (eg Survey, Architectural, Engineering, etc. If there are any discrepancies, the Contractor will refer to the appropriate base drawing information and report discrepancies on the Landscape Drawings to the Landscape Architect.

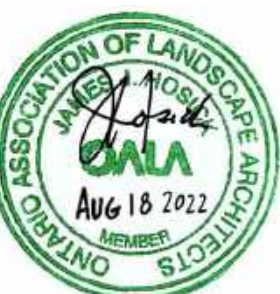
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### LEGEND

- PROPOSED DECIDUOUS TREE
- PROPOSED CONIFEROUS TREE
- PROPOSED DECIDUOUS SHRUBS
- PLANT KEY
- 25m BUTTERNUT HABITAT ZONE
- PROPOSED SEEDING AREAS OSC #8275 (2,680m<sup>2</sup>)
- 5m VPZ (VEGETATION PROTECTION ZONE)
- OPEN CUT TRENCH [OPTIONAL DIRECTIONAL DRILL INSTALLATION (300mmØ HDPE RESTRAINED)]
- PROPOSED WATERMAIN UNDERGROUND PIPELINES

|    |            |      |                                                                                       |
|----|------------|------|---------------------------------------------------------------------------------------|
| 4  | AUG. 18-22 | S.K. | REVISED AS PER SITE PLAN & ELECTRICAL PLAN UPDATES                                    |
| 3  | AUG. 9-22  | S.K. | ADDED EDGE MGMT PLANTING AT WATERMAIN LOOPING AREA & REVISED AS PER SITE PLAN UPDATES |
| 2  | JULY 21-22 | S.K. | REVISED AS PER CITY COMMENTS & SITE PLAN UPDATES                                      |
| 1  | MAY 02-22  | B.B. | ADDED OFFSITE TREES AS PER CITY COMMENTS                                              |
| NO | DATE       | BY   | REVISIONS                                                                             |

### STAMP



### APPROVAL

|                                                                                                                         |                                                        |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| SITE PLAN BY HUNT DESIGN ASSOCIATES INC.<br>(22204GDSPT01-2022-08-16 ISSUED DWG)                                        |                                                        |
| SITE GRADING & SERVING PLAN BY JONES CONSULTING GROUP LTD.<br>(ACAD-FER-15101-DESIGN-BASE-MODEL.DWG TRANS ON AUG.15-22) |                                                        |
| <b>LANDMARK</b><br>ENVIRONMENTAL GROUP LTD                                                                              | <b>LANDSCAPE ARCHITECTS &amp; CONSULTING ARBORISTS</b> |
| info@LEGroupLtd.com                                                                                                     | OFFICE: 705-796-1122                                   |
| www.LEGroupLtd.com                                                                                                      |                                                        |

CLIENT: FERNBROOK HOMES (PARKSIDE) LIMITED

PROJECT: 70 PIONEER TRAIL, BARRIE  
ONTARIO, L4N 0T8 DEVELOPMENT

LEGAL DESCRIPTION: BLOCK 113, 51M-986

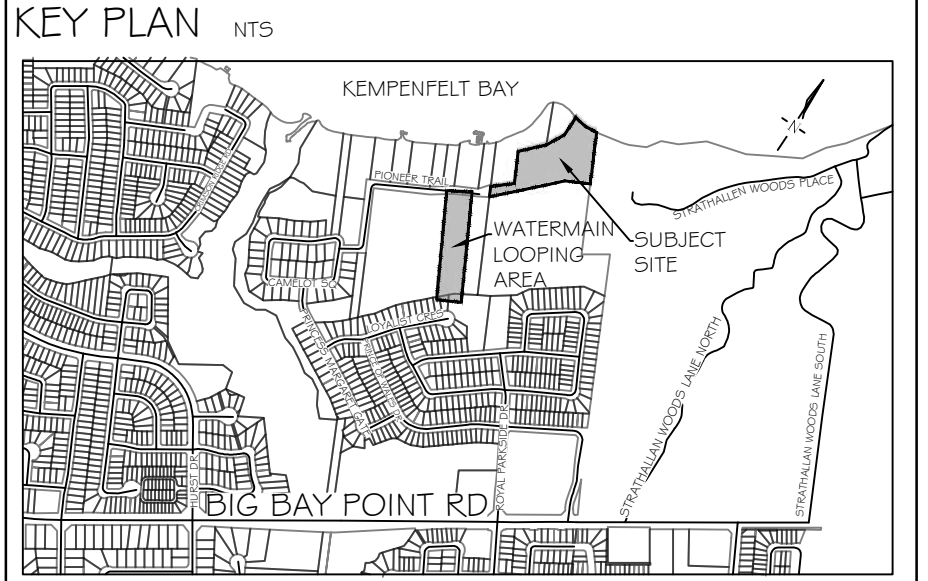
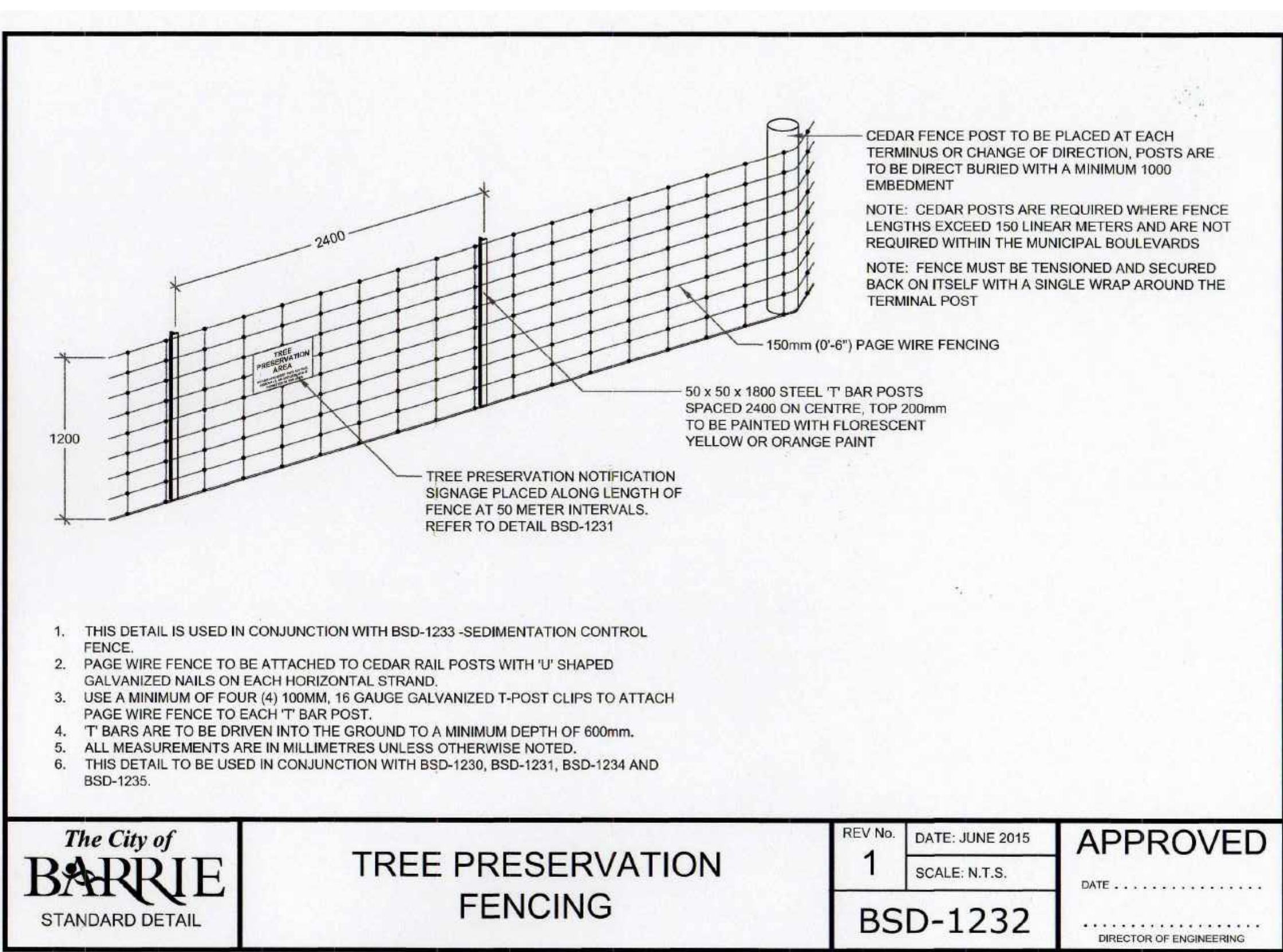
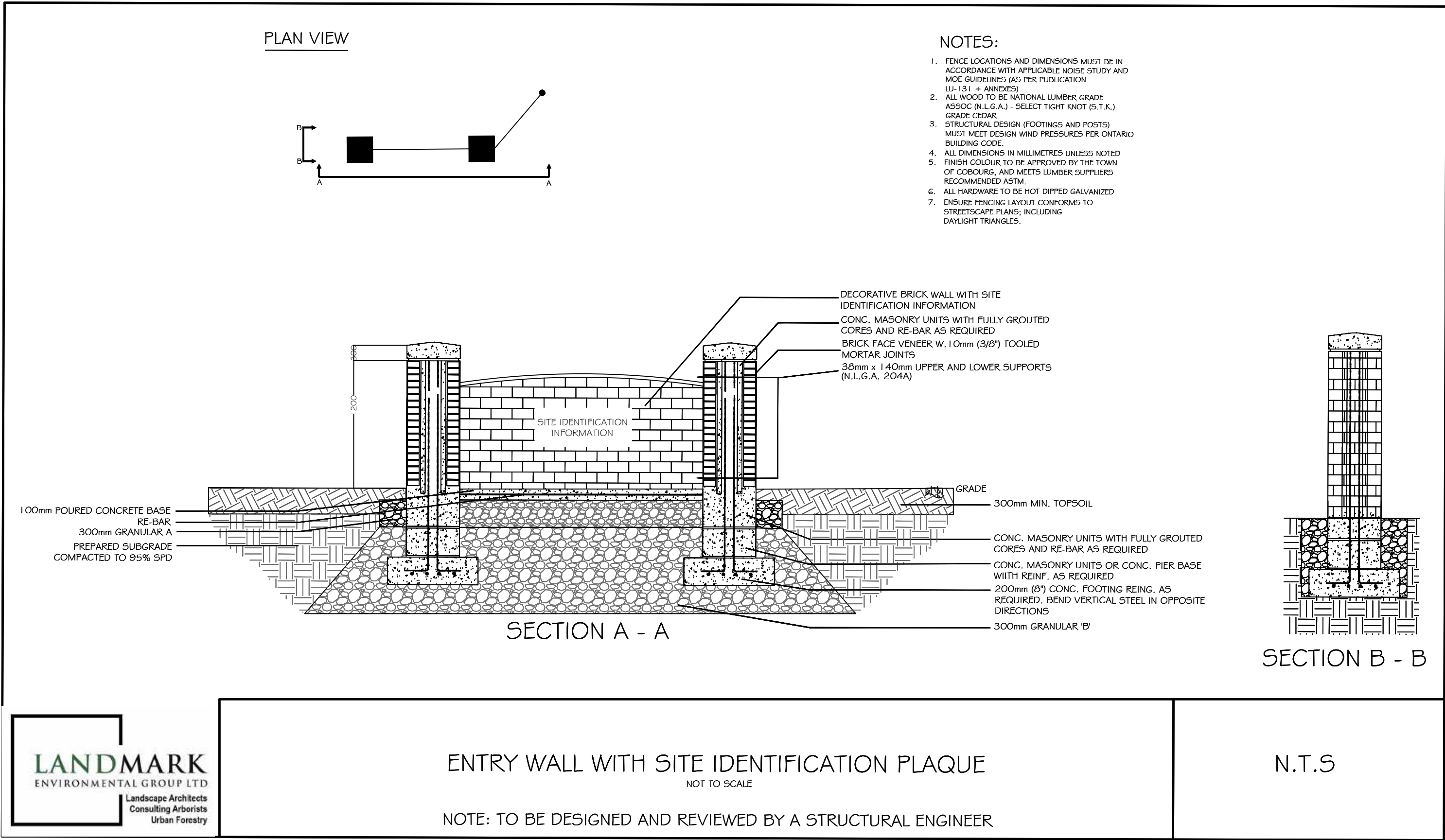
DRAWING: LANDSCAPE ENLARGEMENT 4

SCALE BAR: 0 6 12 18  
Scale = 1:300

PROJECT NO.: LA 541-21  
MUNICIPAL FILE NO.: D28-052-2020

SCALE: 1:300  
DATE: JAN 24, 2022

DRAWN BY: S.K. CHECKED BY: J.H. DRAWING No.: L-5



GENERAL NOTES

The Client and its contractors are responsible for all utility locates and confirming all setbacks, elevations, grades, etc. prior to installation of the constructed works.

The Contractor is to report any discrepancies in writing to the Landscape Architect prior to proceeding with the works to determine the impact and suitability of the proposed works. The Landscape Architect will not be responsible for any unapproved adjustments on site.

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LEGEND

|          |            |      |                                                                                        |
|----------|------------|------|----------------------------------------------------------------------------------------|
| 4        | AUG. 18-22 | S.K. | REVISED AS PER SITE PLAN & ELECTRICAL PLAN UPDATES                                     |
| 3        | AUG. 9-22  | S.K. | ADDED EDGE NIGHT PLANTING AT WATERMAIN LOOPING AREA & REVISED AS PER SITE PLAN UPDATES |
| 2        | JULY 21-22 | S.K. | REVISED AS PER CITY COMMENTS & SITE PLAN UPDATES                                       |
| 1        | MAY 02-22  | B.B. | ADDED OFFSITE TREES AS PER CITY COMMENTS                                               |
| NO       | DATE       | BY   | REVISIONS                                                                              |
| STAMP    |            |      |                                                                                        |
| APPROVAL |            |      |                                                                                        |

## TREE PRESERVATION NOTES

1. THE INTENT OF THE TREE PRESERVATION PLAN IS TO PROVIDE PROTECTION AND PRESERVATION FOR EXISTING TREES ON THE SUBJECT PROPERTY. THEREFORE, ALL TREES ARE TO BE PRESERVED UNLESS OTHERWISE INDICATED IN THE PLAN OR THE ARBORIST'S REPORT. CONTACT THE LANDSCAPE ARCHITECT TO CONFIRM THE REMOVAL/RETENTION STATUS OF ANY TREES ON SITE, PRIOR TO CLEARING AND GRUBBING. THE OWNER WILL TAKE EVERY PRECAUTION TO PROTECT AND PRESERVE THE TREES APPROVED TO BE RETAINED IN ACCORDANCE WITH THE APPROVED PLANS.

2. PRIOR TO THE COMMENCEMENT OF ANY CLEARING, GRUBBING OR CONSTRUCTION WORKS, THE REQUIRED HOARDING WILL BE ERECTED OUTSIDE OF THE OUTERMOST DRIPLINE OF ANY TREE TO BE RETAINED, IN ACCORDANCE WITH THE HOARDING DETAIL, AND TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT. ERECTION OF ANY PROTECTION FENCING SHALL BE UNDER THE DIRECTION OF THE LANDSCAPE ARCHITECT.

3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ERECT AND MAINTAIN ALL HOARDING AS PER THE APPROVED DETAIL, PRESERVATION NOTES AND LOCATIONS SHOWN ON THE DRAWINGS.

4. NO STORAGE OF EQUIPMENT OR VEHICLES, NOR ANY STOCKPILING OF MATERIAL IS TO OCCUR WITHIN THE AREA OF PRESERVATION/PROTECTION. TREES SLATED FOR PROTECTION WILL NOT BE USED FOR RIGGING OR WRAPPING. THE PROTECTION/PRESERVATION AREA SHALL NOT BE USED TO EMPTY CONTAMINANTS, REFUELING OR REPAIR OF VEHICLES OR EQUIPMENT.

5. TREES LOCATED ON THE IMMEDIATE EDGE OF THE CONSTRUCTION WORKS ARE TO BE PRUNED IN THE INTEREST OF SAFETY, IN ACCORDANCE WITH APPROVED ARBORICULTURAL PRACTICES.

6. TREE LOCATIONS ARE APPROXIMATE AND THEREFORE VERIFICATION ON SITE IS REQUIRED.

7. SHOULD A TREE REQUIRED TO BE PROTECTED BECOME DAMAGED OR REMOVED WITHOUT WRITTEN PERMISSION OF THE CITY OF BARRIE OR THE LANDSCAPE ARCHITECT, THE CONTRACTOR OR OWNER WILL BE RESPONSIBLE FOR REPLACEMENT OF THE TREE OF EQUAL CALIPER AND ACCEPTABLE TREE SPECIES AT THE DISCRETION AND SATISFACTION OF THE LANDSCAPE ARCHITECT.

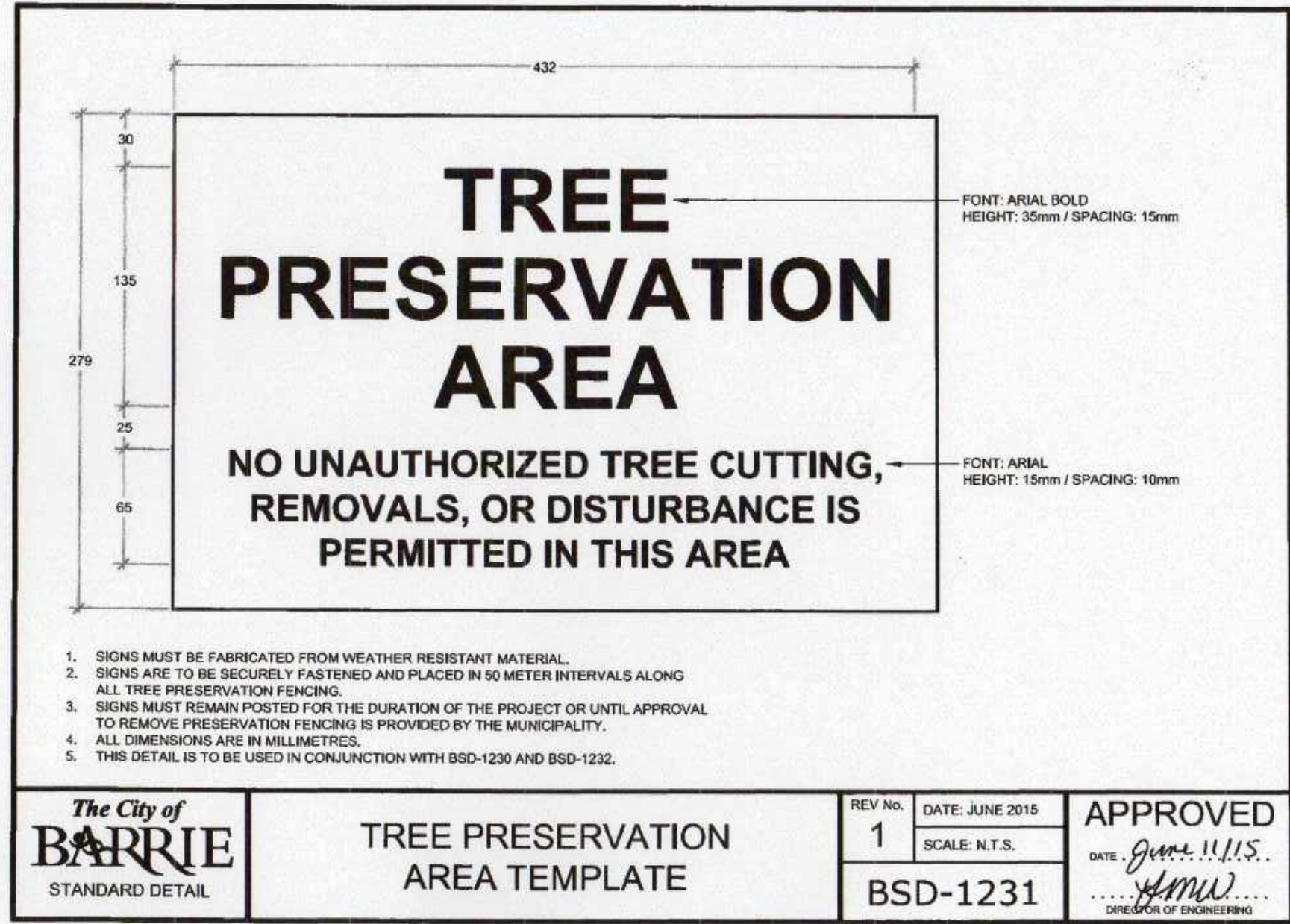
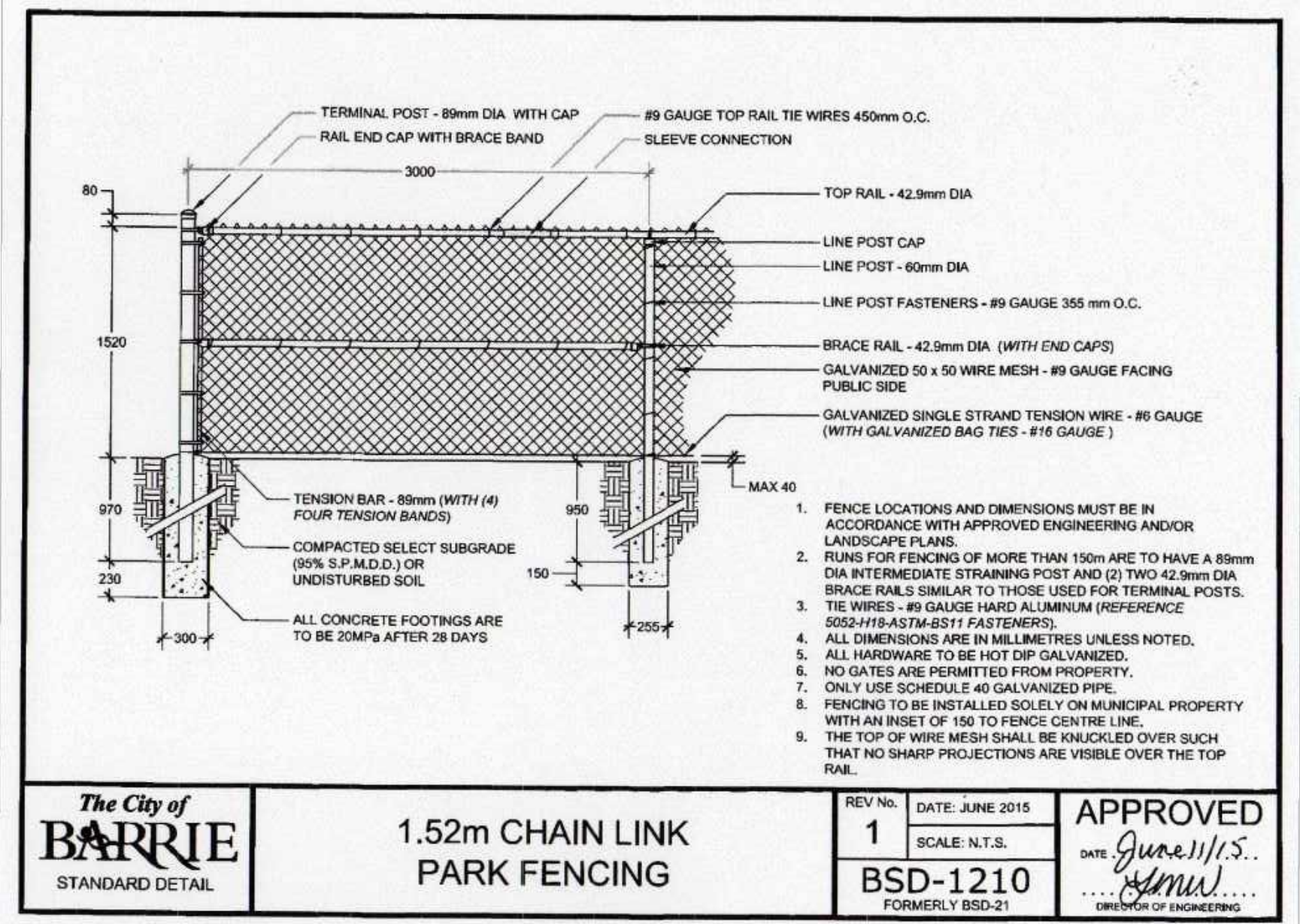
8. THE WORK COMPLETED BY THE CONTRACTOR WILL NOT CAUSE OR EXACERBATE FLOODING CONDITIONS OR CAUSE SEDIMENT BUILDUP OVER THE ROOTZONE OF PROTECTED TREES. NO GRADING SHALL TAKE PLACE WITHIN THE TREE PRESERVATION AREA UNLESS OTHERWISE APPROVED BY THE LANDSCAPE ARCHITECT.

9. ANY REQUIRED LIMB TRIMMING SHALL BE UNDER THE DIRECT SUPERVISION OF THE LANDSCAPE ARCHITECT OR A QUALIFIED ARBORIST.

10. PRESERVATION FENCING TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED DETAIL. FILTER FABRIC TO BE INSTALLED IN CONJUNCTION WITH THE APPROVED ENGINEERING DRAWINGS.

11. HOARDING/TREE PRESERVATION MAY BE COMPLETED IN CONJUNCTION WITH SEDIMENTATION CONTROL.

| CITY OF BARRIE TREE COMPENSATION CHART                                                                                                                                                                                                                                                                                                         |                            |                     |                    |                            |                     |                      |                                    |                    |                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------|--------------------|----------------------------|---------------------|----------------------|------------------------------------|--------------------|----------------------------|
| Key                                                                                                                                                                                                                                                                                                                                            | Latin Name                 | Common Name         | HT (M) or DBH (CM) | Tree Value Per Unit Growth | Species Value Index | Location Value Index | Health Assessment For Compensation | Health Value Index | Base cost or Greater Value |
| 4                                                                                                                                                                                                                                                                                                                                              | <i>Fraxinus americana</i>  | White Ash           | 36.0               | \$100.00                   | 0.80                | 0.3                  | 3 Fair                             | 0.5                | \$432.00                   |
| 5                                                                                                                                                                                                                                                                                                                                              | <i>Thuja occidentalis</i>  | Eastern White Cedar | 14.0               | \$160.00                   | 0.6                 | 0.3                  | 3 Fair                             | 0.5                | \$201.60                   |
| 6                                                                                                                                                                                                                                                                                                                                              | <i>Pinus resinosa</i>      | Red Pine            | 18.0               | \$160.00                   | 0.6                 | 0.3                  | 3 Fair                             | 0.5                | \$259.20                   |
| 7                                                                                                                                                                                                                                                                                                                                              | <i>Pinus resinosa</i>      | Red Pine            | 18.0               | \$160.00                   | 0.6                 | 0.3                  | 3 Fair                             | 0.5                | \$259.20                   |
| 8                                                                                                                                                                                                                                                                                                                                              | <i>Acer saccharum</i>      | Sugar Maple         | 18.0               | \$100.00                   | 1                   | 0.3                  | 3 Fair                             | 0.5                | \$270.00                   |
| 39                                                                                                                                                                                                                                                                                                                                             | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 3 Fair                             | 0.5                | \$216.00                   |
| 44                                                                                                                                                                                                                                                                                                                                             | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 3 Fair                             | 0.5                | \$216.00                   |
| 48                                                                                                                                                                                                                                                                                                                                             | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 3 Fair                             | 0.5                | \$216.00                   |
| 65                                                                                                                                                                                                                                                                                                                                             | <i>Populus balsamifera</i> | Balsam Poplar       | 32.5               | \$100.00                   | 0.4                 | 0.3                  | 1 Poor                             | 0.25               | \$97.50                    |
| 66                                                                                                                                                                                                                                                                                                                                             | <i>Thuja occidentalis</i>  | Eastern White Cedar | 12.5               | \$160.00                   | 0.6                 | 0.3                  | 1 Poor                             | 0.25               | \$90.00                    |
| 67                                                                                                                                                                                                                                                                                                                                             | <i>Populus balsamifera</i> | Balsam Poplar       | 37                 | \$100.00                   | 0.4                 | 0.3                  | 1 Poor                             | 0.25               | \$111.00                   |
| 68                                                                                                                                                                                                                                                                                                                                             | <i>Populus balsamifera</i> | Balsam Poplar       | 40.3               | \$100.00                   | 0.4                 | 0.3                  | 1 Poor                             | 0.25               | \$120.90                   |
| 70                                                                                                                                                                                                                                                                                                                                             | <i>Ulmus americana</i>     | White Elm           | 11.8               | \$100.00                   | 0.6                 | 0.3                  | 1 Poor                             | 0.25               | \$53.10                    |
| 71                                                                                                                                                                                                                                                                                                                                             | <i>Populus balsamifera</i> | Balsam Poplar       | 49                 | \$100.00                   | 0.4                 | 0.3                  | 1 Poor                             | 0.25               | \$147.00                   |
| 72                                                                                                                                                                                                                                                                                                                                             | <i>Thuja occidentalis</i>  | Eastern White Cedar | 12                 | \$160.00                   | 0.6                 | 0.3                  | 1 Poor                             | 0.25               | \$86.40                    |
| 77                                                                                                                                                                                                                                                                                                                                             | <i>Ulmus americana</i>     | American Elm        | 20                 | \$100.00                   | 0.4                 | 0.3                  | 0 Dead                             | 0                  | \$0.00                     |
| 78                                                                                                                                                                                                                                                                                                                                             | <i>Ulmus americana</i>     | American Elm        | 18                 | \$100.00                   | 0.4                 | 0.3                  | 0 Dead                             | 0                  | \$0.00                     |
| 81                                                                                                                                                                                                                                                                                                                                             | <i>Fraxinus americana</i>  | White Ash           | 50.5               | \$100.00                   | 0.80                | 0.3                  | 0 Dead                             | 0                  | \$0.00                     |
| 84                                                                                                                                                                                                                                                                                                                                             | <i>Fraxinus americana</i>  | White Ash           | 12                 | \$100.00                   | 0.80                | 0.3                  | 1 Poor                             | 0.25               | \$72.00                    |
| 89                                                                                                                                                                                                                                                                                                                                             | <i>Juglans nigra</i>       | Black Walnut        | 87.5               | \$100.00                   | 0.80                | 0.3                  | 3 Fair                             | 0.5                | \$1,050.00                 |
| 95                                                                                                                                                                                                                                                                                                                                             | <i>Acer saccharum</i>      | Sugar Maple         | 23.5               | \$100.00                   | 1                   | 0.3                  | 3 Fair                             | 0.5                | \$352.50                   |
| 96                                                                                                                                                                                                                                                                                                                                             | <i>Acer saccharum</i>      | Sugar Maple         | 15.8               | \$100.00                   | 1                   | 0.3                  | 3 Fair                             | 0.5                | \$237.00                   |
| 97                                                                                                                                                                                                                                                                                                                                             | <i>Fraxinus americana</i>  | White Ash           | 23.5               | \$100.00                   | 0.80                | 0.3                  | 1 Poor                             | 0.25               | \$141.00                   |
| 98                                                                                                                                                                                                                                                                                                                                             | <i>Acer saccharum</i>      | Sugar Maple         | 24                 | \$100.00                   | 1.00                | 0.3                  | 3 Fair                             | 0.5                | \$352.50                   |
| 99                                                                                                                                                                                                                                                                                                                                             | <i>Ulmus americana</i>     | White Elm           | 20.5               | \$100.00                   | 0.80                | 0.3                  | 1 Poor                             | 0.25               | \$123.00                   |
| 100                                                                                                                                                                                                                                                                                                                                            | <i>Fraxinus americana</i>  | White Ash           | 28.5               | \$100.00                   | 0.80                | 0.3                  | 1 Poor                             | 0.25               | \$128.25                   |
| 105                                                                                                                                                                                                                                                                                                                                            | <i>Thuja occidentalis</i>  | Eastern White Cedar | 14                 | \$160.00                   | 0.6                 | 0.3                  | 1 Poor                             | 0.25               | \$100.80                   |
| 158                                                                                                                                                                                                                                                                                                                                            | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 3 Fair                             | 0.5                | \$216.00                   |
| 160-group                                                                                                                                                                                                                                                                                                                                      | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 3 Fair                             | 0.5                | \$216.00                   |
| 161-group                                                                                                                                                                                                                                                                                                                                      | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 3 Fair                             | 0.5                | \$216.00                   |
| 162                                                                                                                                                                                                                                                                                                                                            | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 1 Poor                             | 0.25               | \$108.00                   |
| 163                                                                                                                                                                                                                                                                                                                                            | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 1 Poor                             | 0.25               | \$108.00                   |
| 165                                                                                                                                                                                                                                                                                                                                            | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 1 Poor                             | 0.25               | \$108.00                   |
| 166                                                                                                                                                                                                                                                                                                                                            | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 1 Poor                             | 0.25               | \$108.00                   |
| 167                                                                                                                                                                                                                                                                                                                                            | <i>Abies balsamea</i>      | Balsam Fir          | 8                  | \$160.00                   | 0.4                 | 0.3                  | 1 Poor                             | 0.25               | \$38.40                    |
| 168                                                                                                                                                                                                                                                                                                                                            | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 1 Poor                             | 0.25               | \$108.00                   |
| 169                                                                                                                                                                                                                                                                                                                                            | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 1 Poor                             | 0.25               | \$108.00                   |
| 170                                                                                                                                                                                                                                                                                                                                            | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 1 Poor                             | 0.25               | \$108.00                   |
| 174                                                                                                                                                                                                                                                                                                                                            | <i>Fraxinus americana</i>  | White Ash           | 24                 | \$100.00                   | 0.8                 | 0.3                  | 1 Poor                             | 0.25               | \$144.00                   |
| 175                                                                                                                                                                                                                                                                                                                                            | <i>Fraxinus americana</i>  | White Ash           | 17                 | \$100.00                   | 0.8                 | 0.3                  | 1 Poor                             | 0.25               | \$102.00                   |
| 176                                                                                                                                                                                                                                                                                                                                            | <i>Fraxinus americana</i>  | White Ash           | 23.6               | \$100.00                   | 0.8                 | 0.3                  | 1 Poor                             | 0.25               | \$141.60                   |
| 181                                                                                                                                                                                                                                                                                                                                            | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 3 Fair                             | 0.5                | \$216.00                   |
| 183                                                                                                                                                                                                                                                                                                                                            | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 1 Poor                             | 0.25               | \$108.00                   |
| 186                                                                                                                                                                                                                                                                                                                                            | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 1 Poor                             | 0.25               | \$108.00                   |
| 187                                                                                                                                                                                                                                                                                                                                            | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 1 Poor                             | 0.25               | \$108.00                   |
| 188                                                                                                                                                                                                                                                                                                                                            | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 1 Poor                             | 0.25               | \$108.00                   |
| 192                                                                                                                                                                                                                                                                                                                                            | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 3 Fair                             | 0.5                | \$216.00                   |
| 193                                                                                                                                                                                                                                                                                                                                            | <i>Acer saccharum</i>      | Sugar Maple         | 10.5               | \$100.00                   | 1                   | 0.3                  | 1 Poor                             | 0.25               | \$78.75                    |
| 194                                                                                                                                                                                                                                                                                                                                            | <i>Pinus resinosa</i>      | Red Pine            | 18                 | \$160.00                   | 0.6                 | 0.3                  | 3 Fair                             | 0.5                | \$259.20                   |
| 195                                                                                                                                                                                                                                                                                                                                            | <i>Pinus resinosa</i>      | Red Pine            | 18                 | \$160.00                   | 0.6                 | 0.3                  | 3 Fair                             | 0.5                | \$259.20                   |
| 201                                                                                                                                                                                                                                                                                                                                            | <i>Thuja occidentalis</i>  | Eastern White Cedar | 15.0               | \$160.00                   | 0.6                 | 0.3                  | 3 Fair                             | 0.5                | \$216.00                   |
| Total                                                                                                                                                                                                                                                                                                                                          |                            |                     |                    |                            |                     |                      |                                    |                    | \$21,650.00                |
| ** As per City of Barrie Protection Manual 2019 (Section 7.1, Step 5 & Note 1) the current tree value is the greater of its current base value or its calculated appraisal value. Tree no. 4-84, & 95-201 were valued less than their base value due to their poor health and location. Calculations are reflective of the species base value. |                            |                     |                    |                            |                     |                      |                                    |                    |                            |



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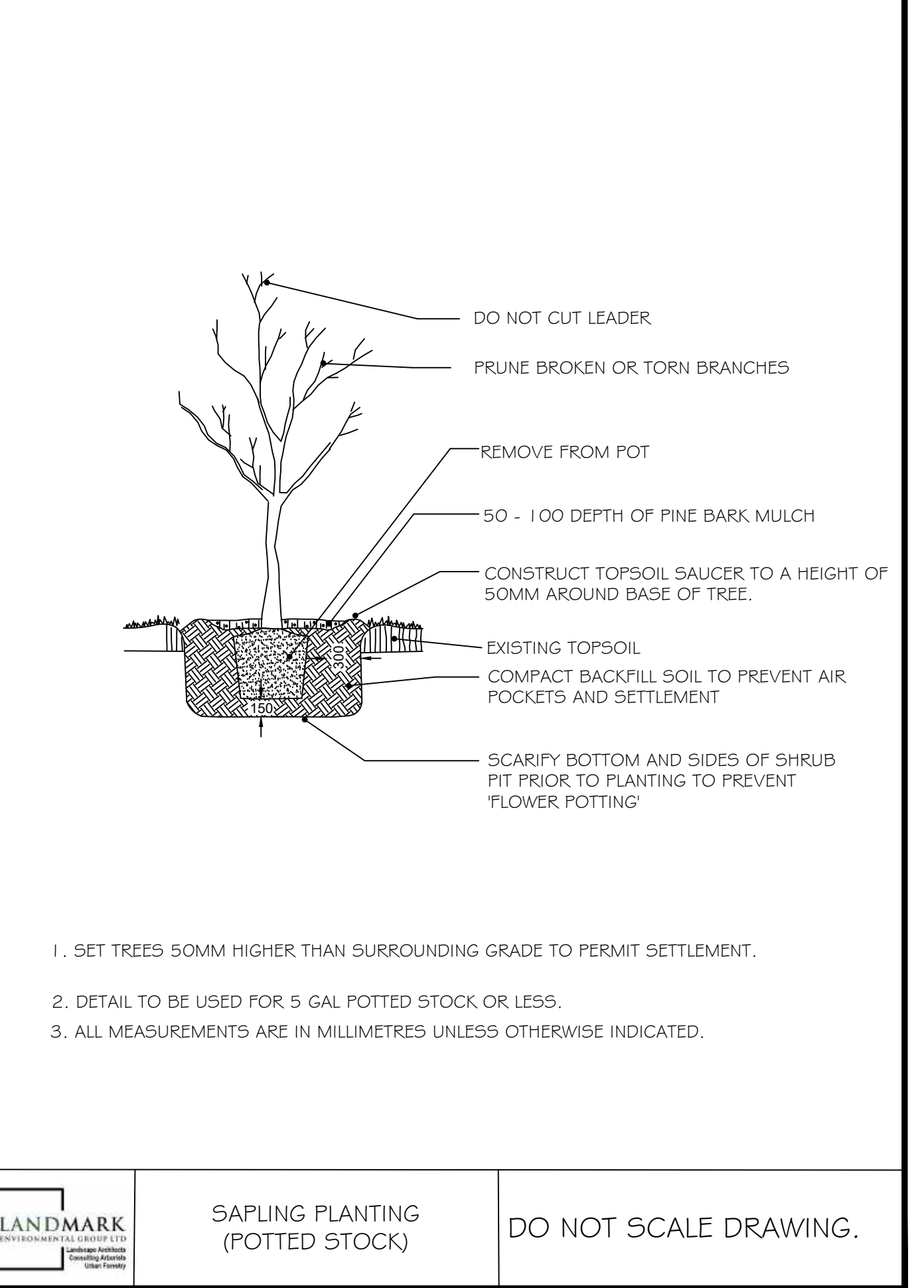
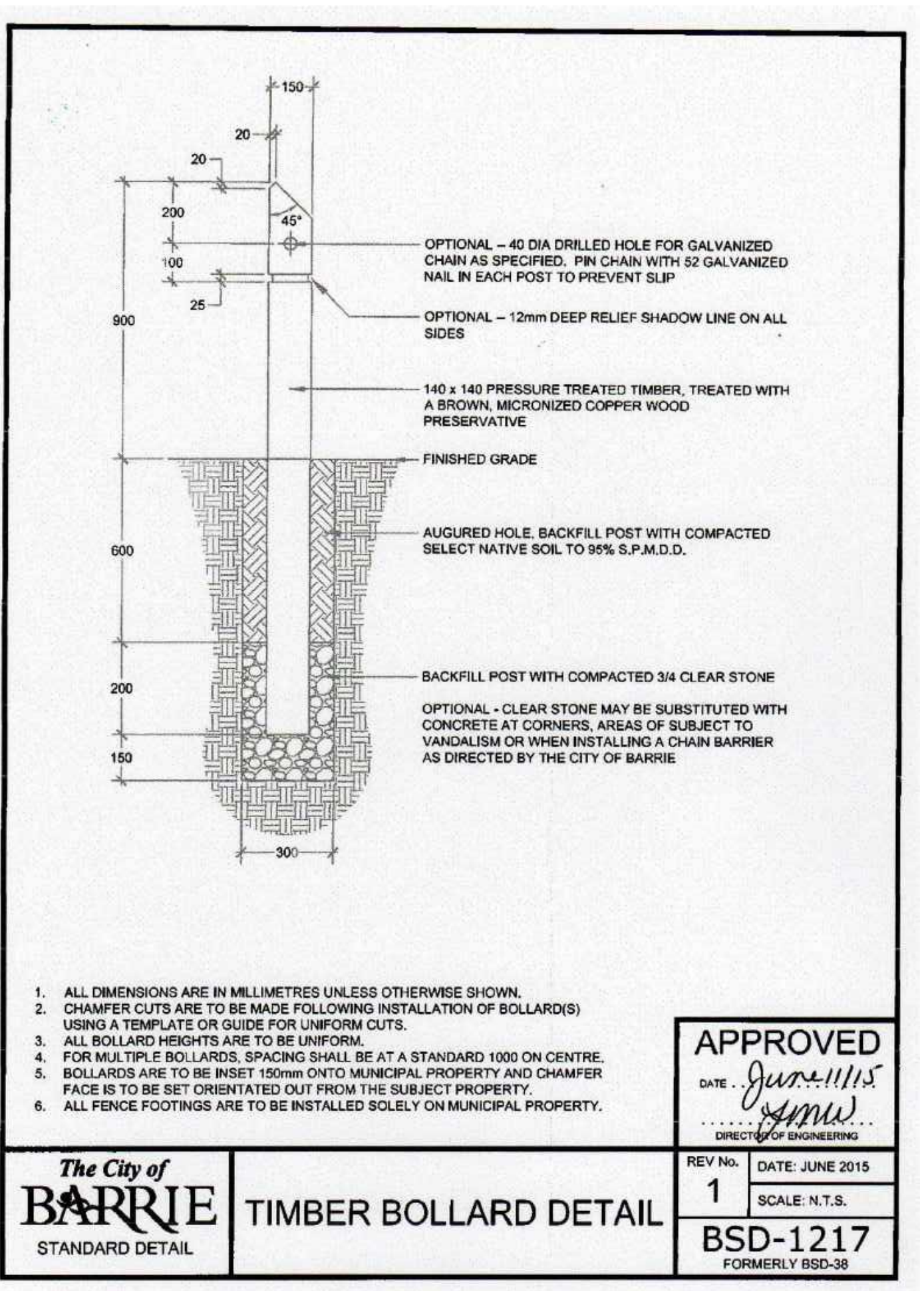
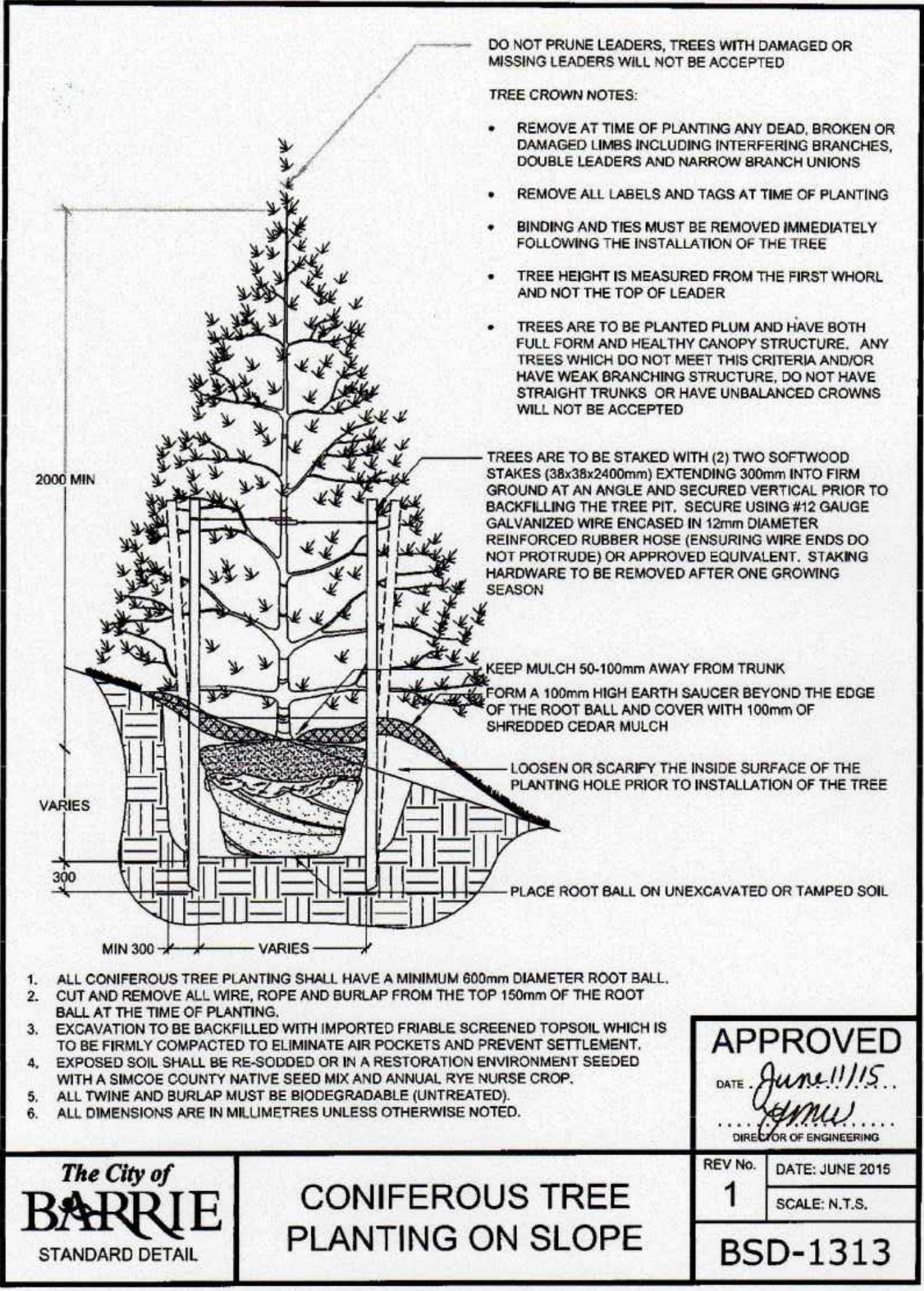
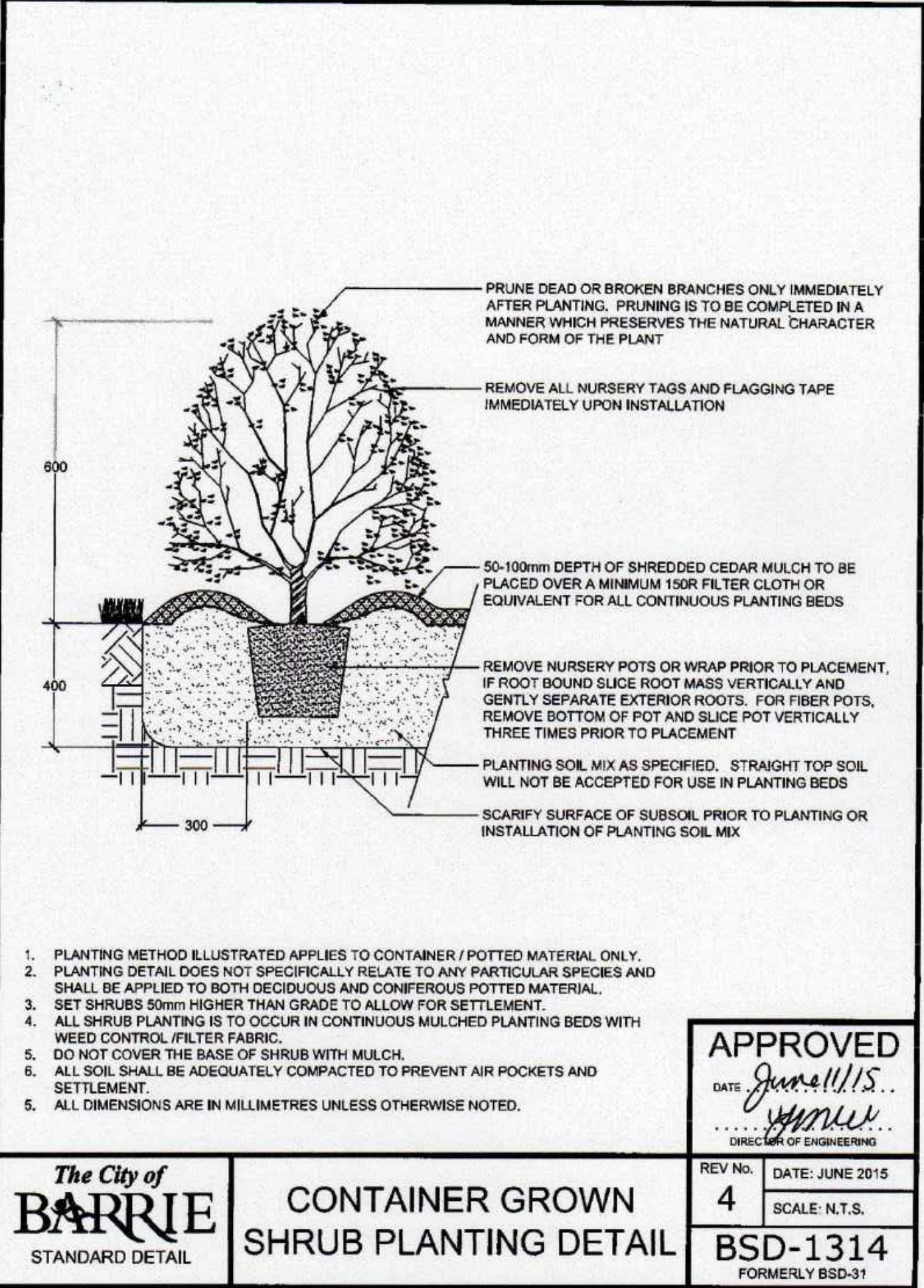
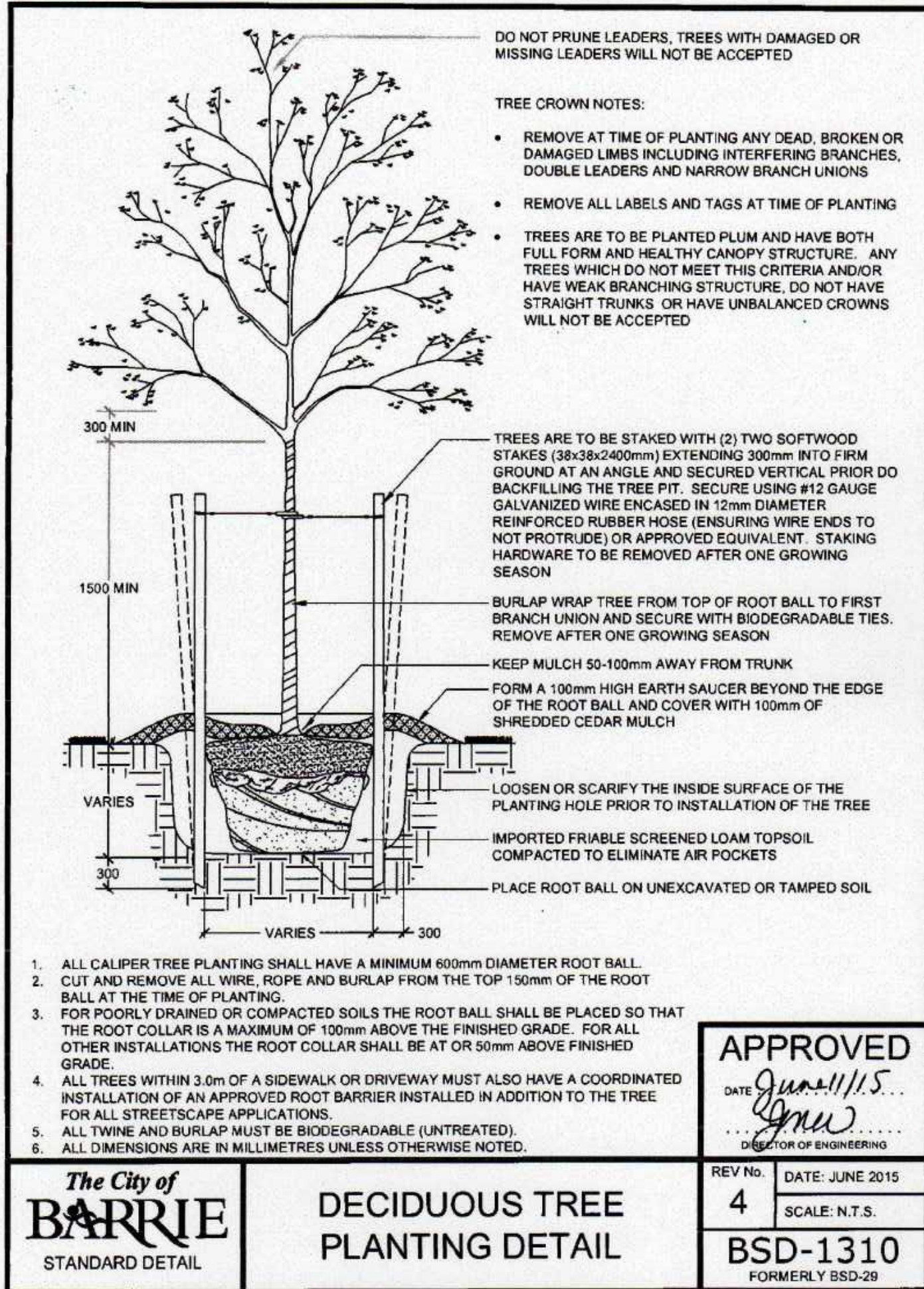
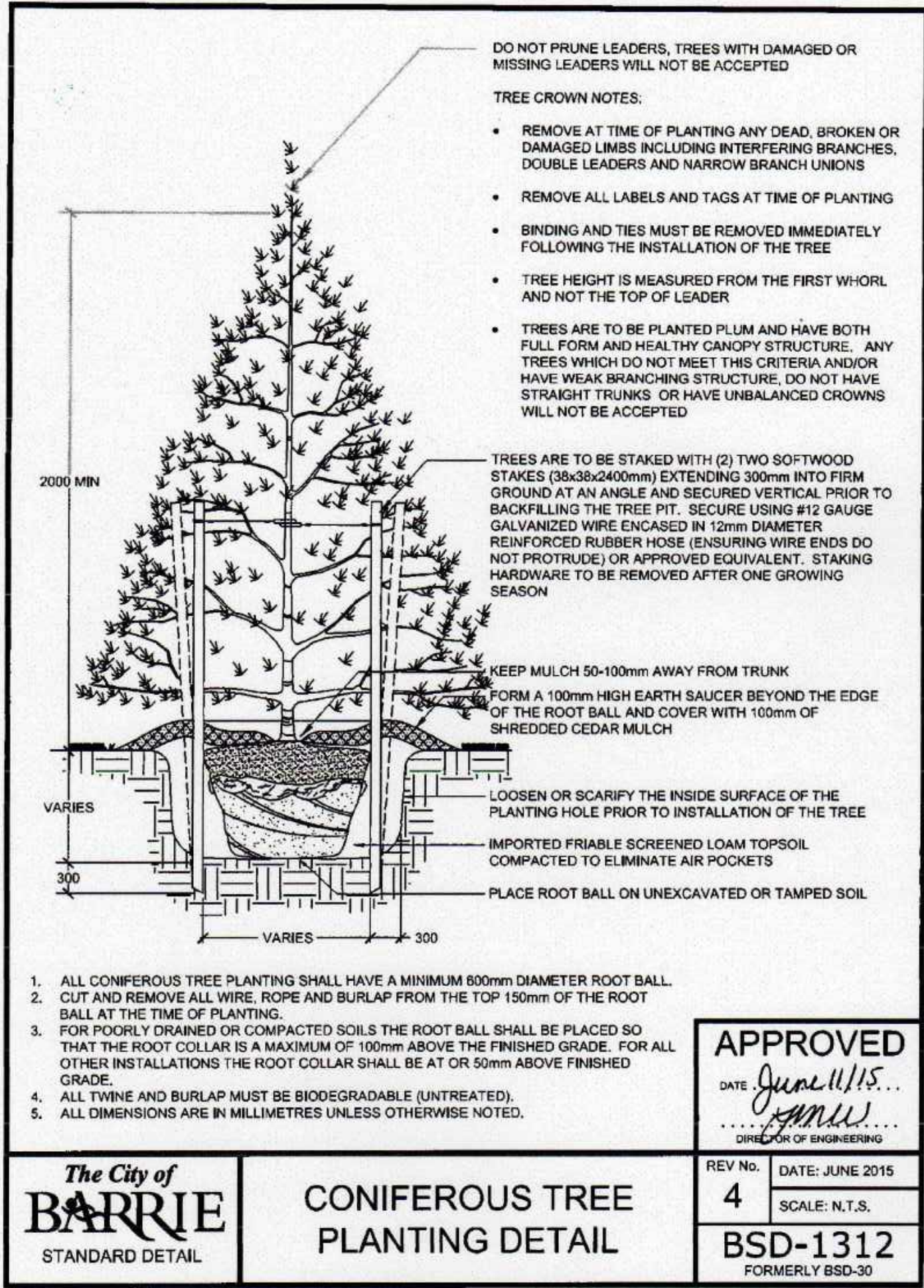
LANDMARK ENVIRONMENTAL GROUP LTD

Office: 705-796-1122

info@LEGGroupLtd.com

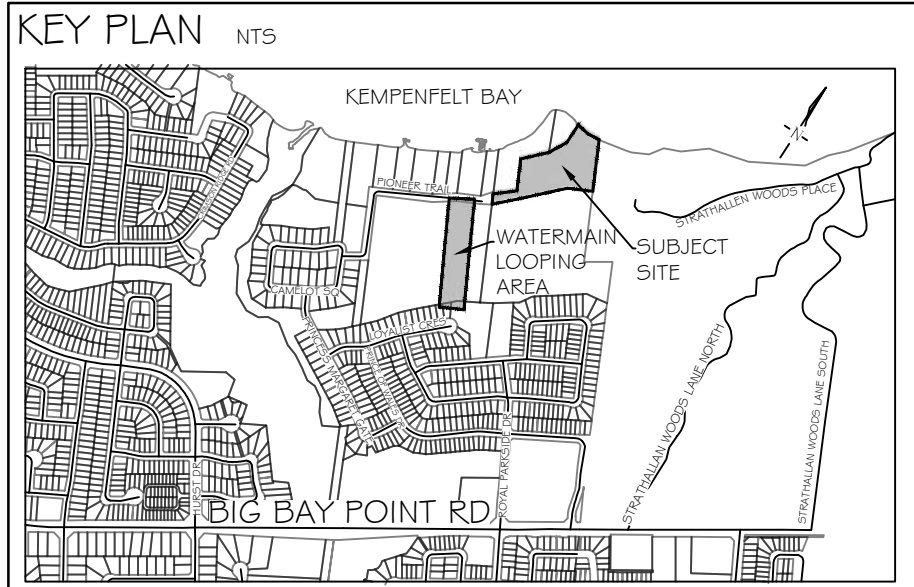
www.LEGroupLtd.com

|                     |                                                       |
|---------------------|-------------------------------------------------------|
| CLIENT:             | FERNBROOK HOMES (PARKSIDE) LIMITED                    |
| PROJECT:            | 70 PIONEER TRAIL, BARRIE ONTARIO, L4N 0T8 DEVELOPMENT |
| LEGAL DESCRIPTION:  | BLOCK 113, 51M-986                                    |
| DRAWING:            | DETAILS I                                             |
| SCALE BAR:          |                                                       |
| PROJECT NO.:        | LA 541-21                                             |
| MUNICIPAL FILE NO.: | D28-052-2020                                          |
| DRAWN BY:           | B.B, S.K                                              |
| CHECKED BY:         | J.H                                                   |
| SCALE:              | N.T.S                                                 |
| DATE:               | JAN 24, 2022                                          |
| DRAWING No.:        | LD-1                                                  |



## PLANTING NOTES

- The Contractor shall review all information in all drawings details and specifications and report any discrepancies to the Landscape Architect in writing prior to commencement of works.
- All planting and related work shall be completed by experienced personnel under the direction and supervision of a qualified foreman.
- All plant material which cannot be planted immediately will be properly heeled in or covered with a similar material which will keep root surfaces moist until planted.
- All plant material and operations shall meet or exceed current horticultural standards of the Canadian Nursery Landscape Association. All plant material to be No. 1 Grade Nursery Stock. All unsatisfactory stock including field grown will be refused on site.
- The Landscape Architect reserves the right to reject any material, plantings and sod prior to or after installation which does not conform to approved specifications in accordance with approved details. The Contractor will be asked to remove any unapproved material which does not conform to specifications unless there is prior written agreement with the Landscape Architect.
- Trees and shrubs shall have an uncut, strong central leader, be sound, healthy, vigorous, well-branched, densely foliated, free of disease, insects and have well-developed root systems.
- Where applicable, sod to be Canada No. 1 Nursery Sod, meeting Ontario Sod Growers Association Standards. All Areas to receive 200mm minimum depth of topsoil under sod unless otherwise indicated. See Drawings and Specifications for areas to be mulched.
- The Contractor shall stake out all planting locations for approval by the Landscape Architect or Contract Administrator prior to planting. Where dimensions are not provided, the drawing may be scaled ONLY to determine approximate locations of plant material. Dimensions are in millimeters unless otherwise stated.
- All mass plantings shall be in continuous beds with mulch as specified in planting details.
- All planting will be under warranty by the Contractor for a minimum of 1 year. The Contractor shall water at time of planting and whenever deemed necessary to maintain trees in a healthy condition. Apply aqueous fertilizer in a ratio of 10-6-4 in accordance with manufacturers instructions. Sod, where specified, to be maintained and guaranteed until established, minimum after two mowings.
- Unwrap or do not wrap tree trunks. Stake trees in accordance with required specifications.
- Provide sufficient rodent protection on all new planting so as to deter bark or shoot damage by rodents. Significant rodent damage, as determined by the Landscape Architect will require plant replacement.



## GENERAL NOTES

- The Client and its contractors are responsible for all utility locates and confirming all setbacks, elevations, grades, etc. prior to installation of the constructed works.
- The Contractor is to report any discrepancies in writing to the Landscape Architect prior to proceeding with the works to determine the impact and suitability of the proposed works. The Landscape Architect will not be responsible for any unapproved adjustments on site.
- Construction of the works must conform to Authority requirements and applicable codes where they have jurisdiction.
- All specifications and drawings are instruments of service and are the property and ownership of the Landmark Environmental Group Ltd. As such, the drawings shall not be modified or reproduced without the expressed written consent of Landmark Environmental Group Ltd. or they will be considered void. The said drawings are for Site Plan approval only and may require additional detailing prior to tender and construction.
- The Landmark Environmental Group Ltd. is not liable for errors or omissions from the use of these drawings prior to approval, seal, signature and date, and will be considered void.
- It is advised that the Contractor contact the Landscape Architect prior to commencement of the construction works to ensure that the Contractor has the latest approved drawings.
- The Landmark Environmental Group Ltd. is not responsible for the accuracy of the base drawing information (eg Survey, Architectural, Engineering, etc. If there are any discrepancies, the Contractor will refer to the appropriate base drawing information and report discrepancies on the Landscape Drawings to the Landscape Architect.
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## LEGEND

|    |            |      |                                                                                        |
|----|------------|------|----------------------------------------------------------------------------------------|
| 4  | AUG. 18-22 | S.K. | REVISED AS PER SITE PLAN # ELECTRICAL PLAN UPDATES                                     |
| 3  | AUG. 9-22  | S.K. | ADDED EDGE MOUNT PLANTING AT WATERMAIN LOOPING AREA & REVISED AS PER SITE PLAN UPDATES |
| 2  | JULY 21-22 | S.K. | REVISED AS PER CITY COMMENTS # SITE PLAN UPDATES                                       |
| 1  | MAY 02-22  | B.B. | ADDED OFFSITE TREES AS PER CITY COMMENTS                                               |
| NO | DATE       | BY   | REVISIONS                                                                              |



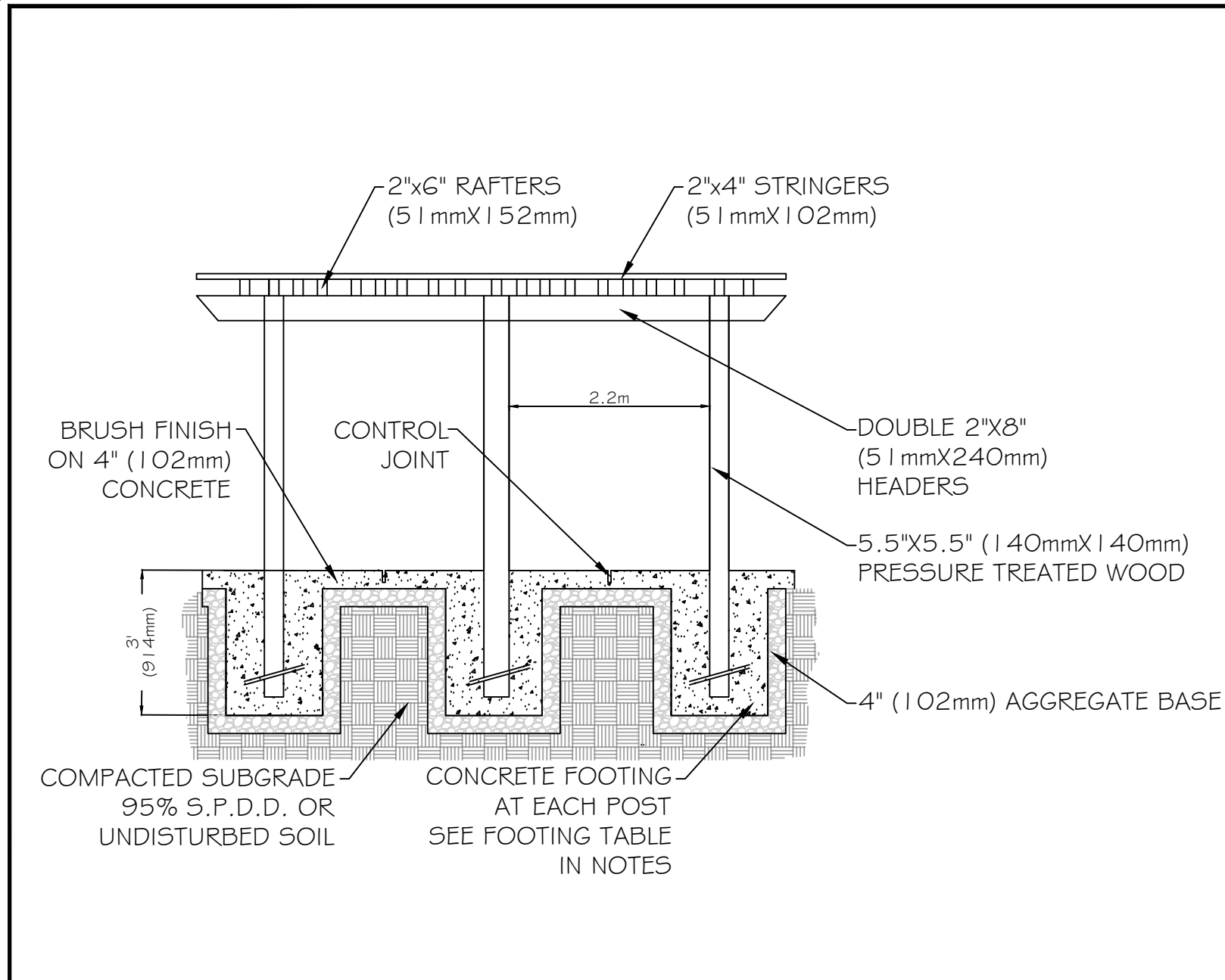
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Landscape Architects  
Consulting Arborists  
Urban Forestry

LANDSCAPE ARCHITECTS & CONSULTING ARBORISTS

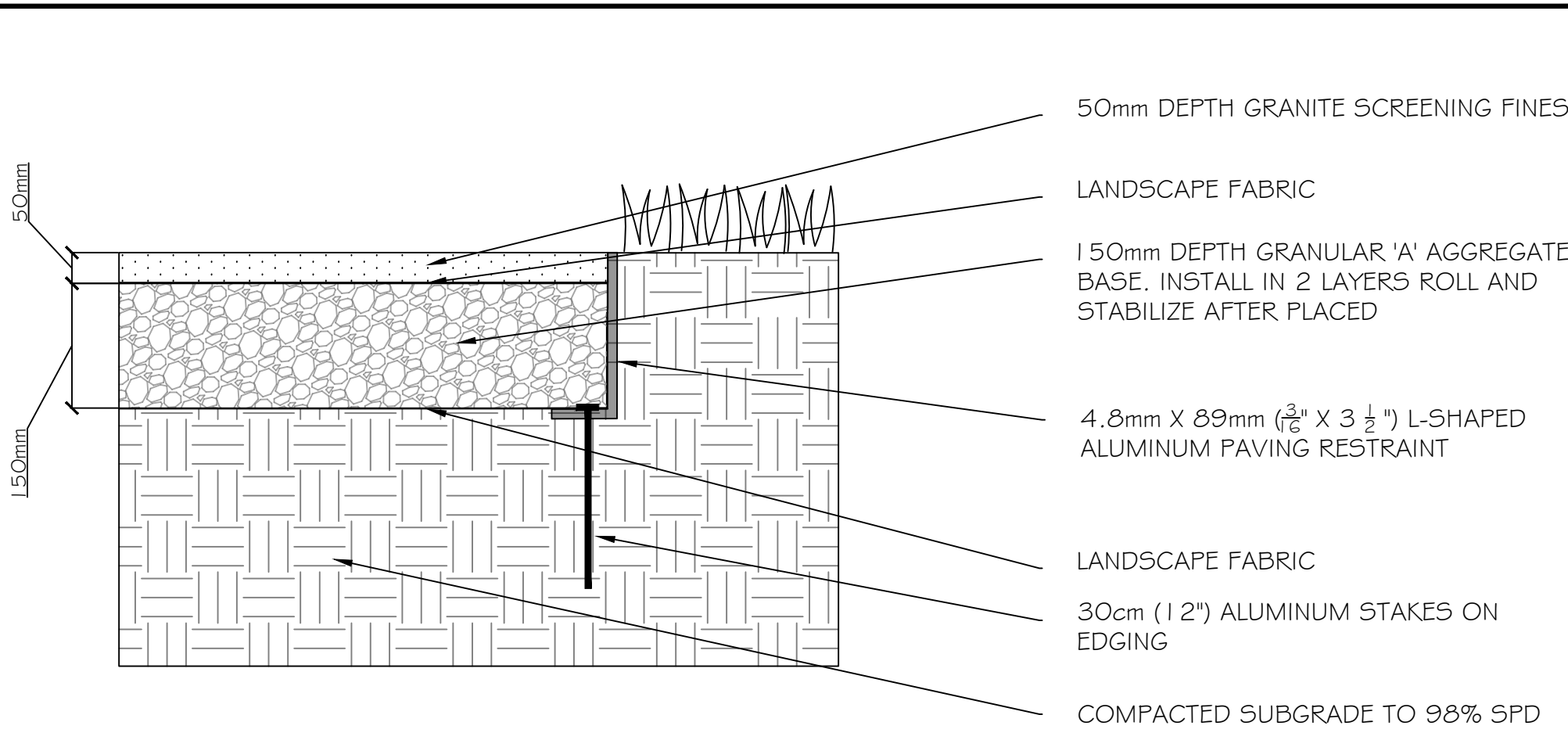
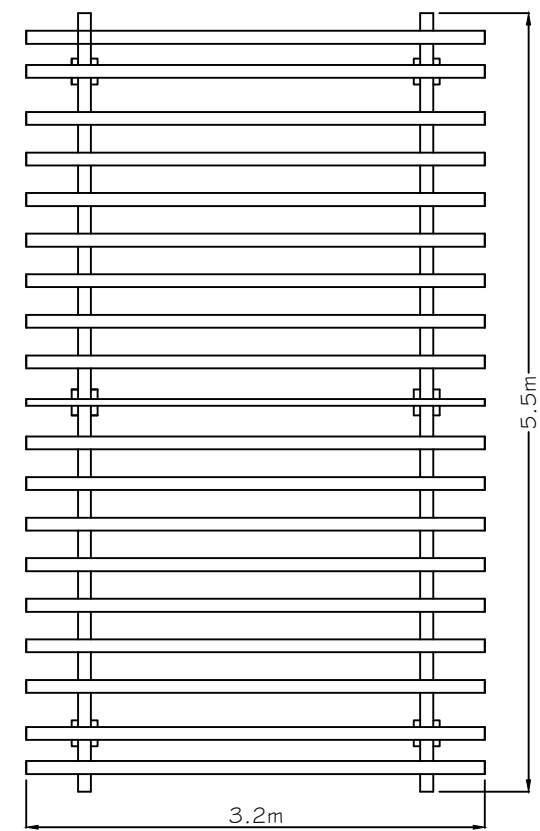
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www.LEGroupLtd.com

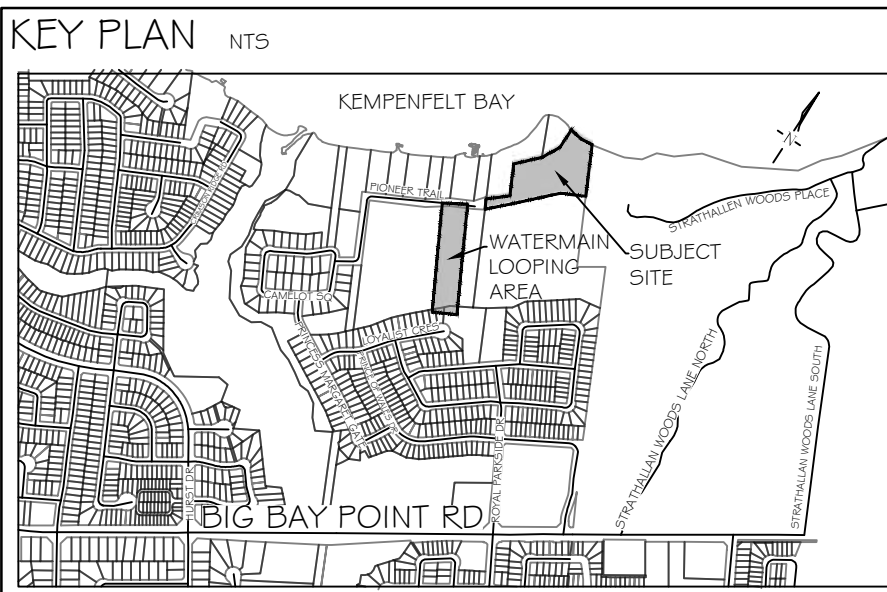
|                     |                                                       |
|---------------------|-------------------------------------------------------|
| CLIENT:             | FERNBROOK HOMES (PARKSIDE) LIMITED                    |
| PROJECT:            | 70 PIONEER TRAIL, BARRIE ONTARIO, L4N 0T8 DEVELOPMENT |
| LEGAL DESCRIPTION:  | BLOCK 113, 51M-986                                    |
| DRAWING:            | DETAILS 2                                             |
| SCALE BAR:          |                                                       |
| PROJECT NO.:        | LA 541-21                                             |
| MUNICIPAL FILE NO.: | D28-052-2020                                          |
| DRAWN BY:           | E.F., S.K.                                            |
| CHECKED BY:         | J.H.                                                  |
| DRAWING No.:        | LD-2                                                  |



- NOTES:
1. ALL WOOD TO BE NATIONAL LUMBER GRADE ASSOC (N.L.G.A.)- SELECT TIGHT KNOT (S.T.K.) PRESSURE TREATED
  2. MINIMUM POST DIMENSIONS: 140mm x 140mm
  3. CONCRETE FOR FOOTING TO BE 32 MPa
  4. FINISH COLOUR TO BE APPROVED BY CITY OF BARRIE, AND MEETS LUMBER SUPPLIERS RECOMMENDED ASTM.
  5. ALL HARDWARE TO BE HOT DIPPED GALVANIZED



NOTE:  
PRE-SOAK ALL BASE LAYERS PRIOR TO  
INSTALLATING GRANITE SCREENINGS FINES



**GENERAL NOTES**

The Client and its contractors are responsible for all utility locates and confirming all setbacks, elevations, grades, etc. prior to installation of the constructed works.

The Contractor is to report any discrepancies in writing to the Landscape Architect prior to proceeding with the works to determine the impact and suitability of the proposed works. The Landscape Architect will not be responsible for any unapproved adjustments on site.

Construction of the works must conform to Authority requirements and applicable codes where they have jurisdiction.

All specifications and drawings are instruments of service and are the property and ownership of the Landmark Environmental Group Ltd. As such, the drawings shall not be modified or reproduced without the expressed written consent of Landmark Environmental Group Ltd. or they will be considered void. The said drawings are for Site Plan approval only and may require additional detailing prior to tender and construction.

The Landmark Environmental Group Ltd. is not liable for errors or omissions from the use of these drawings prior to approval, seal, signature and date, and will be considered void.

It is advised that the Contractor contact the Landscape Architect prior to commencement of the construction works to ensure that the Contractor has the latest approved drawings.

The Landmark Environmental Group Ltd. is not responsible for the accuracy of the base drawing information (eg Survey, Architectural, Engineering, etc. If there are any discrepancies, the Contractor will refer to the appropriate base drawing information and report discrepancies on the Landscape Drawings to the Landscape Architect.

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WOOD PERGOLA

REVIEWED: J.H.

DATE: JULY 30, '20

DRAWN: K.S.

SCALE: N.T.S.

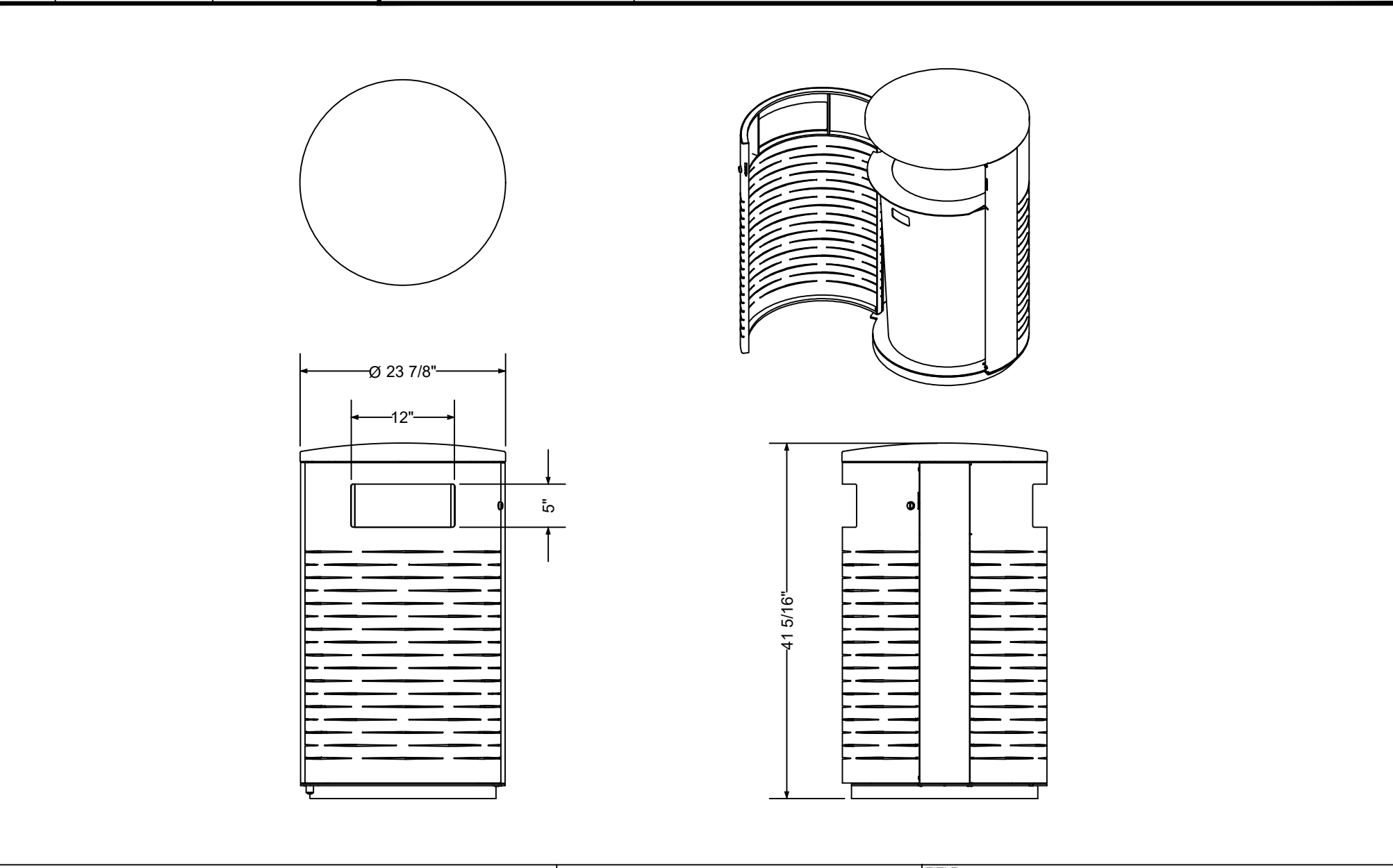
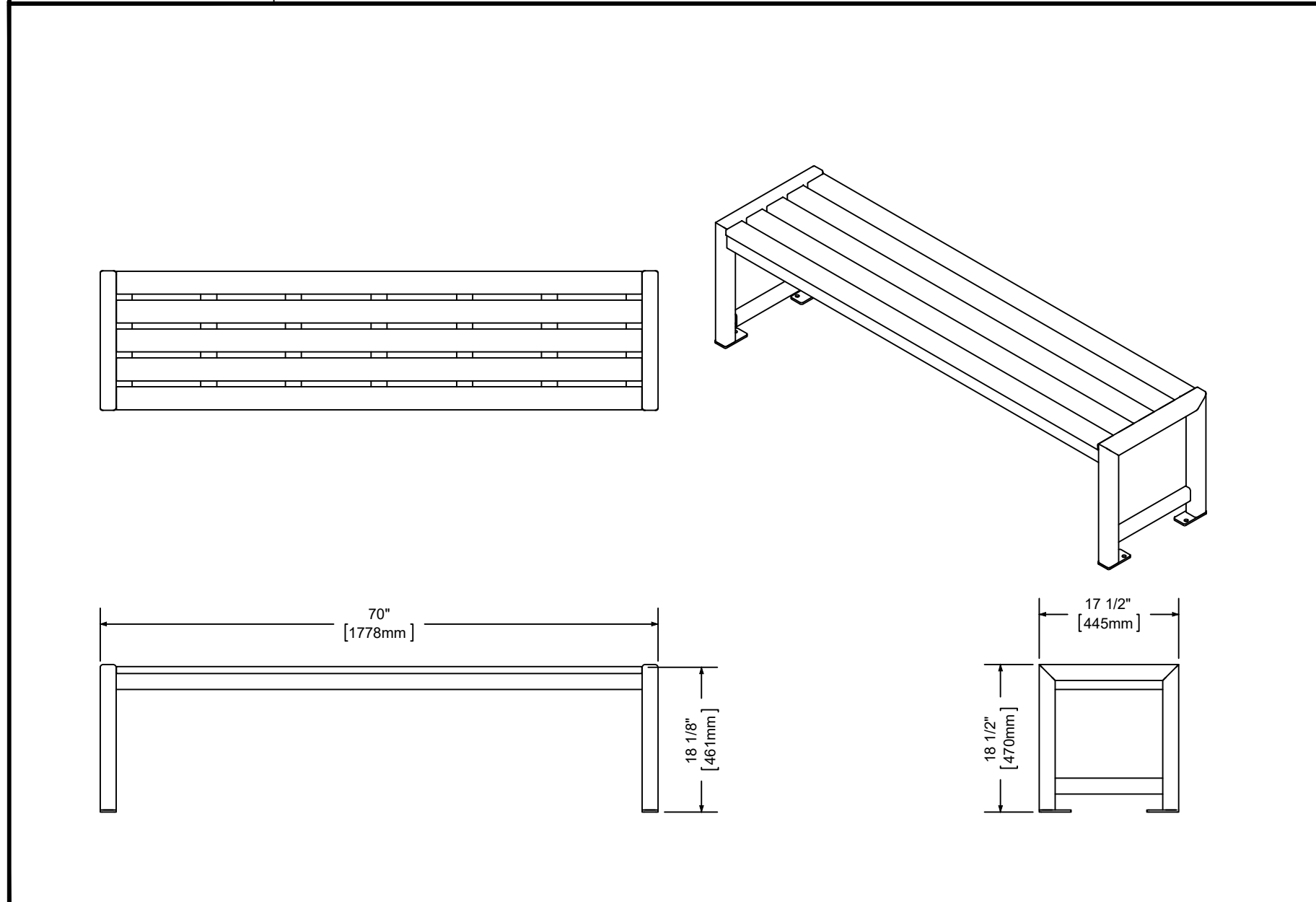
GRANITE SCREENING WALKWAY

REVIEWED: J.H.

DATE: JULY 30, '20

DRAWN: K.S.

SCALE: N.T.S.



MAGLIN SITE FURNITURE INC.  
WWW.MAGLIN.COM  
TEL.: 800-716-5506  
FAX: 877-260-5093

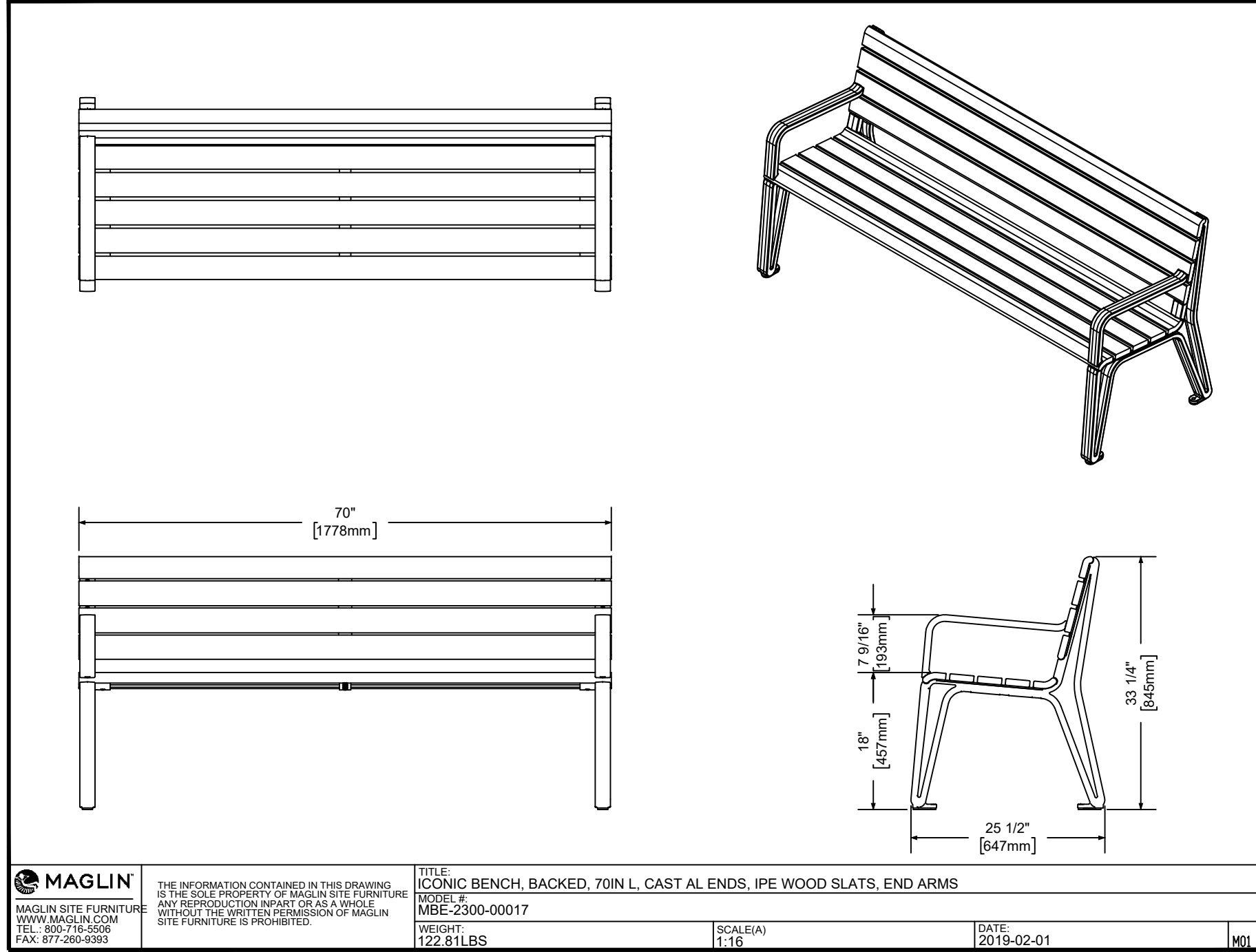
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TITLE: MLB400 BENCH, BACKLESS, HDPE  
PART NO: MLB400-B-R(X)  
SCALE (A): 1:16  
WEIGHT: 84.17 LBS  
DATE: 2015-08-28  
MIS

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WWW.MAGLIN.COM  
TEL.: 800-716-5506  
FAX: 877-260-5093

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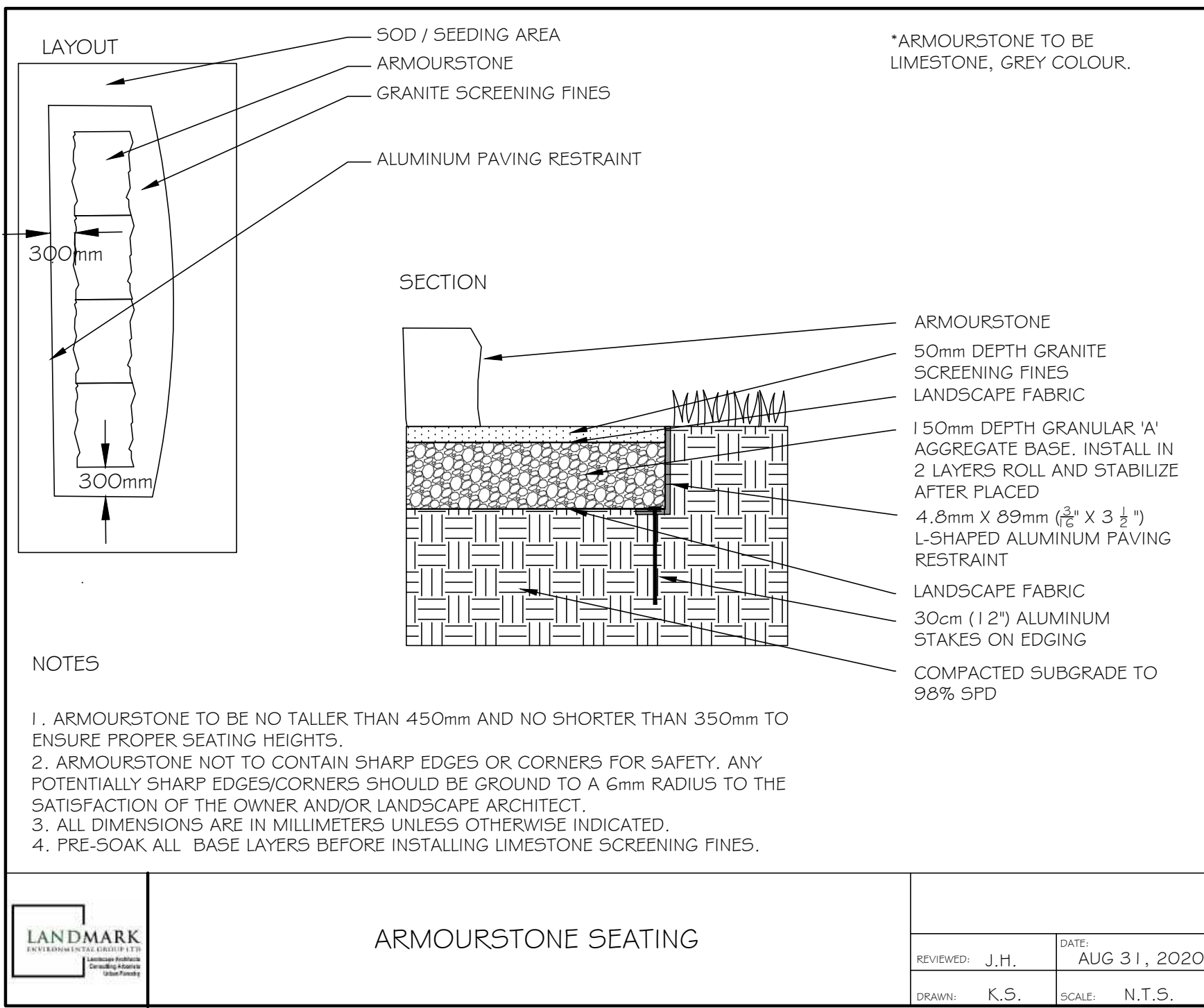
TITLE: TRASH CONTAINER, 650, 32 GAL (U.S.), METAL, L4  
PART NO: MLWR650-32-M-L4  
SCALE (A): 1:16  
WEIGHT: 147.58 LBS  
DATE: 27/03/2014



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FAX: 877-260-5093

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TITLE: ICONIC BENCH, BACKED, 70IN L, CAST AL ENDS, IPE WOOD SLATS, END ARMS  
MODEL #: MBE-2300-00017  
WEIGHT: 122.81 LBS  
SCALE (A): 1:16  
DATE: 2018-02-01  
MIS



LEGEND

| NO. | DATE       | BY   | REVISIONS                                                                              |
|-----|------------|------|----------------------------------------------------------------------------------------|
| 4   | AUG. 18-22 | S.K. | REVISED AS PER SITE PLAN # ELECTRICAL PLAN UPDATES                                     |
| 3   | AUG. 9-22  | S.K. | ADDED EDGE MOUNT PLANTING AT WATERMARK LOOPING ARTY # REVISED AS PER SITE PLAN UPDATES |
| 2   | JULY 21-22 | S.K. | REVISED AS PER CITY COMMENTS # SITE PLAN UPDATES                                       |
| 1   | MAY 02-22  | B.B. | ADDED OFFSITE TREES AS PER CITY COMMENTS                                               |

STAMP

APPROVAL

LANDSCAPE ARCHITECTS & CONSULTING ARBORISTS

OFFICE: 705-796-1122  
info@LEGgroupLtd.com  
www.LEGgroupLtd.com

CLIENT: FERNBROOK HOMES (PARKSIDE) LIMITED

PROJECT: 70 PIONEER TRAIL, BARRIE ONTARIO, L4N 0T8 DEVELOPMENT

LEGAL DESCRIPTION: BLOCK 113, 51M-986

DRAWING: DETAILS 3

SCALE BAR:

PROJECT NO.: LA 541-21

SCALE: N.T.S.

MUNICIPAL FILE NO.: D28-052-2020

DATE: JAN 24, 2022

DRAWN BY: E.F, S.K.

CHECKED BY: J.H.

DRAWING No.: LD-3