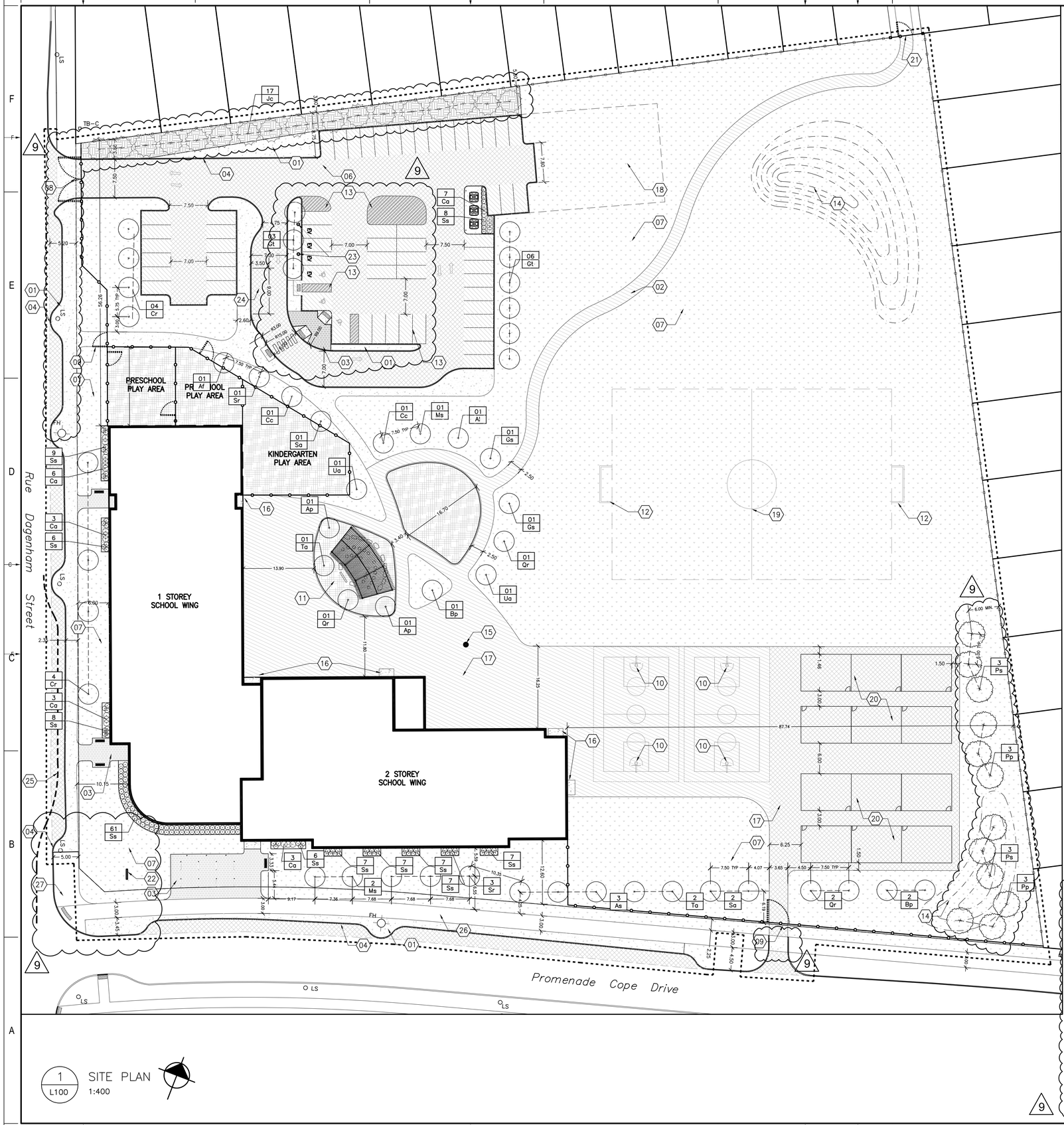

1 L100 SITE PLAN
1:400

SITE INFORMATION:

LEGAL DESCRIPTION:
BLOCKS 313 AND 314 REGISTERED PLAN 4M-1619 CITY OF OTTAWA

BOUNDARY INFORMATION RE-ESTABLISHED FROM SUBDIVISION COORDINATE CONTROL FILE 17879-18

EASEMENTS:
REFER TO PLANNING DOCUMENTS

MUNICIPAL ADDRESS:
755 COPE DR

SITE AREA:
28,889m^2 (310,958.6 FT^2)

BUILDING AREA:
3,803.078m^2 (40,935.99 FT^2)

MAX. BUILDING HEIGHT:
18m (59'-$\frac{1}{4}$")

ZONING INFORMATION:

ZONING:
MINOR INSTITUTIONAL ZONE (I1B)

PROPOSED LOT COVERAGE:
NO REQUIREMENT

SETBACKS
MIN FRONT YARD: 6m (REQ. 6m)
MIN REAR YARD: 87.74m (REQ. 7.5m)
MIN CORNER SIDE YARD: 56.26m (REQ. 7.5m)
MIN. EXT. SIDE YARD: NO REQUIREMENT

MIN. LANDSCAPED OPEN SPACE:
NO REQUIREMENT

MIN. LANDSCAPED BUFFER FOR PARKING:
3.61m (REQ. 3m)

PARKING REQUIREMENTS:

1. SCHOOL, ELEMENTARY (SEC. 101, TABLE 101Q, N81):
   1.5 PER CLASSROOM (INCLUDING PORTABLES, ADMIN, CHILDCARE)
   = 55 SPACES REQ.
   61 PROVIDED
2. ACCESSIBLE PARKING REQ.(BY-LAW NO. 2017-301, SECTION 111):
   = 1 TYPE A SPOT REQ.
   2 PROVIDED

BICYCLE PARKING:
SCHOOL: 1 PER 100m^2 OF GROSS FLOOR AREA – 47.41 REQ.
DAY CARE: 1 PER 250m^2 GFA – 1.3 REQ.
= 48 SPACES REQ.
56 PROVIDED

KEYNOTES:

1. CONCRETE SIDEWALK REFER TO DETAIL 10/L200
2. ASPHALT SIDEWALK. REFER TO DETAIL 11/L200
3. UNIT PAVING ON CONCRETE BASE. REFER TO DETAIL 12/L200
4. 150mm HT CONCRETE CURB. REFER TO DETAIL 15/L200
5. SIDEWALK RAMP WITH TACTILE WARNING SURFACE INDICATOR (TWSI) TO CITY OF OTTAWA CONSTRUCTION STANDARDS
6. ASPHALT PARKING LOT (61 STALLS, INCLUDING 2 TYPE A ACCESSIBLE STALLS)
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8. NEW VEHICLE GATE. REFER TO DETAIL 28/L201
9. NEW PEDESTRIAN GATE. REFER TO DETAIL 25/L201
10. NEW FREE STANDING BASKETBALL HOOP AND BACKBOARD. REFER TO DETAIL 27/L201
11. OUTDOOR CLASSROOM, REFER TO ENLARGEMENT 4, L104
12. NEW MINI-SOCCER GOALS
13. LINE PAINTING. REFER TO SPECIFICATIONS.
14. SODDED BERM. REFER TO CIVIL GRADING PLAN
15. TRIPLE HOOP AND POST
16. STRUCTURAL CONCRETE PAD. REFER TO CIVIL
17. ASPHALT PAVING. REFER TO CIVIL
18. FUTURE PARKING EXPANSION
19. SOCCER FIELD LINES FOR SPATIAL LAYOUT PURPOSES ONLY, NOT TO BE PAINTED
20. SPACING FOR FUTURE PORTABLE CLASSROOMS
21. 1.2m HT CHAIN LINK FENCE AND GATE
22. EXTERIOR FREE STANDING SIGN
23. ELECTRIC VEHICLE CHARGING STATION
24. LOADING SPACE
25. FIRE ROUTE
26. EXISTING MUP TO BE RETAINED
27. EXISTING CONCRETE SIDEWALK TO BE RETAINED

LAYOUT NOTES:

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6. ALL EXISTING ROADS, SIDEWALKS, CURBS, FENCING, PAVING, SODDED RIGHT-OF-WAY, AND APPROACHES, ETC. TO REMAIN TO BE PROTECTED DURING CONSTRUCTION TO THE CITY OF OTTAWA STANDARDS AT THE CONTRACTORS OWN COSTS.
7. ALL EXISTING TREES, SHRUB BEDS, MULCH BEDS, AND SOD TO REMAIN TO BE PROTECTED DURING CONSTRUCTION TO CITY OF OTTAWA AREAS DAMAGED DURING CONSTRUCTION TO BE REPAIRED TO CITY OF OTTAWA STANDARDS AT THE CONTRACTORS OWN COST.
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9. PARKING LOT ROWS TO BE LAID OUT PARALLEL TO BUILDING FACE. CONTRACTOR TO STAKE OUT PARKING ROWS AND ISLANDS FOR REVIEW AND APPROVAL BY PROJECT LANDSCAPE ARCHITECT PRIOR TO EXCAVATION.
10. USE SPECIFIED BACKFILL IN ALL TRENCHES RUNNING BELOW ALL STRUCTURES, PAVING, WALKWAYS, ETC.
11. REFER TO PLANTING PLAN L103 FOR LAYOUT OF ALL SHRUB BEDS AND TREES.
12. ALL PAINTED PAVEMENT MARKING AND SIGNS SHOWN, WITHIN LIMIT OF WORK & AS NOTED ON PLANS, TO BE INCLUDED IN WORK UNDER THIS CONTRACT.

LEGEND:

- CONCRETE SIDEWALK
- UNIT PAVER
- HEAVY DUTY ASPHALT PAVING
- LIGHT DUTY ASPHALT PAVING
- SODDED AREA
- PLANTING BED
- ENGINEERED WOOD FIBRE SAFETY SURFACE
- PROPERTY LINE
- 1.8M HT WOOD SCREEN FENCE
- 1.2M HT CHAIN LINE FENCE
- CONTOUR LINE
- DECIDUOUS TREE
- CONIFEROUS TREE
- CONIFEROUS SHRUB
- PERENNIAL SHRUB
- DETAIL CALLOUT (L100/L200)
- PLANT KEY – NUMBER PLANTS – PLANT SPECIES, REFER TO PLANT LIST (Ps)
- SCOPE OF WORK LINE

PLANT LIST:

KEY	QTY	BOTANICAL NAME	COMMON NAME	SPACING (mm) (75%)	SIZE	COMMENTS
TREES - Deciduous						
As	3	Acer saccharum 'Endowment'	Endowment Sugar Maple	as shown	65mm Cal. B&B	
Gt	9	Gleditsia triacanthos 'Draves'	Street Keeper Honeylocust	as shown	75mm Cal. B&B	
Af	1	Acer x freemanii 'Armstrong Gold'	Armstrong Gold Maple	as shown	75mm Cal. B&B	
Bp	3	Betula pendula 'Dalecarlica'	Cutleave Weeping Birch	as shown	75mm Cal. B&B	
Sa	3	Sorbus aucuparia	European Mountain Ash	as shown	75mm Cal. B&B	
Ap	2	Acer platanoides 'Drummondi'	Harlequin Norway Maple	as shown	75mm Cal. B&B	
Qr	4	Quercus rubra	Red Oak	as shown	75mm Cal. B&B	TREES TO BE BALL & BURLAP. SOURCED IN SAME GROWING ZONE. ALL TREES SHOULD HAVE 3 TO 7 MAIN BRANCHES WITH DOMINANT LEADER BRANCH AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER TREE: 30 CU. M.
Al	1	Amelanchier laevis	Allegheny Serviceberry	as shown	75mm Cal. B&B	
Cc	2	Cercis canadensis	Eastern Redbud	as shown	75mm Cal. B&B	
Gs	2	Gleditsia triacanthos 'Sunzole'	Sunburst Honeylocust	as shown	75mm Cal. B&B	
Ua	2	Ulmus americana 'Valley Forge'	Valley Forge Elm	as shown	75mm Cal. B&B	
Ms	3	Malus 'Spring Snow'	Spring Snow Flowering Crab	as shown	50mm Cal. B&B	
Ta	3	Tilia americana	American Linden	as shown	75mm Cal. B&B	
Sr	4	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	as shown	75mm Cal. B&B	
Cr	8	Crataegus x mordenensis 'Snowbird'	Snowbird Hawthorn	as shown	50mm Cal. B&B	
TREES - Coniferous						
Py	6	Picea pungens 'Fastigiata'	Colorado Blue Spruce	as shown	180mm HT. B&B	TREES TO BE BALL & BURLAP. SOURCED IN SAME GROWING ZONE. ALL TREES SHOULD HAVE 5 TO 7 MAIN BRANCHES WITH DOMINANT LEADER BRANCH AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER TREE: 30 CU. M.
Ps	6	Pinus strobus	White Pine	as shown	180mm HT. B&B	
SHRUBS - Coniferous						
Jc	17	Juniperus chin 'Mountbatten'	Mountbatten Juniper	as shown	5 gal.	SHRUBS TO BE IN POTS. SOURCED IN SAME GROWING ZONE. ALL SHRUBS SHOULD HAVE DENSE GROWTH, WELL ROOTED AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER SHRUB: 5 CU. M.
Sv	133	Juniperus sabina 'Skandia'	Skandia Juniper	900	2 gal.	
SHRUBS - Deciduous						
Cs	19	Cornus alba 'Little Rebel'	Little Rebel Dogwood	900	2 gal.	SHRUBS TO BE IN POTS. SOURCED IN SAME GROWING ZONE. ALL SHRUBS SHOULD HAVE DENSE GROWTH, WELL ROOTED AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER SHRUB: 5 CU. M.

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--	9	02 SEP 2022	UPDATED PER CITY COMMENTS
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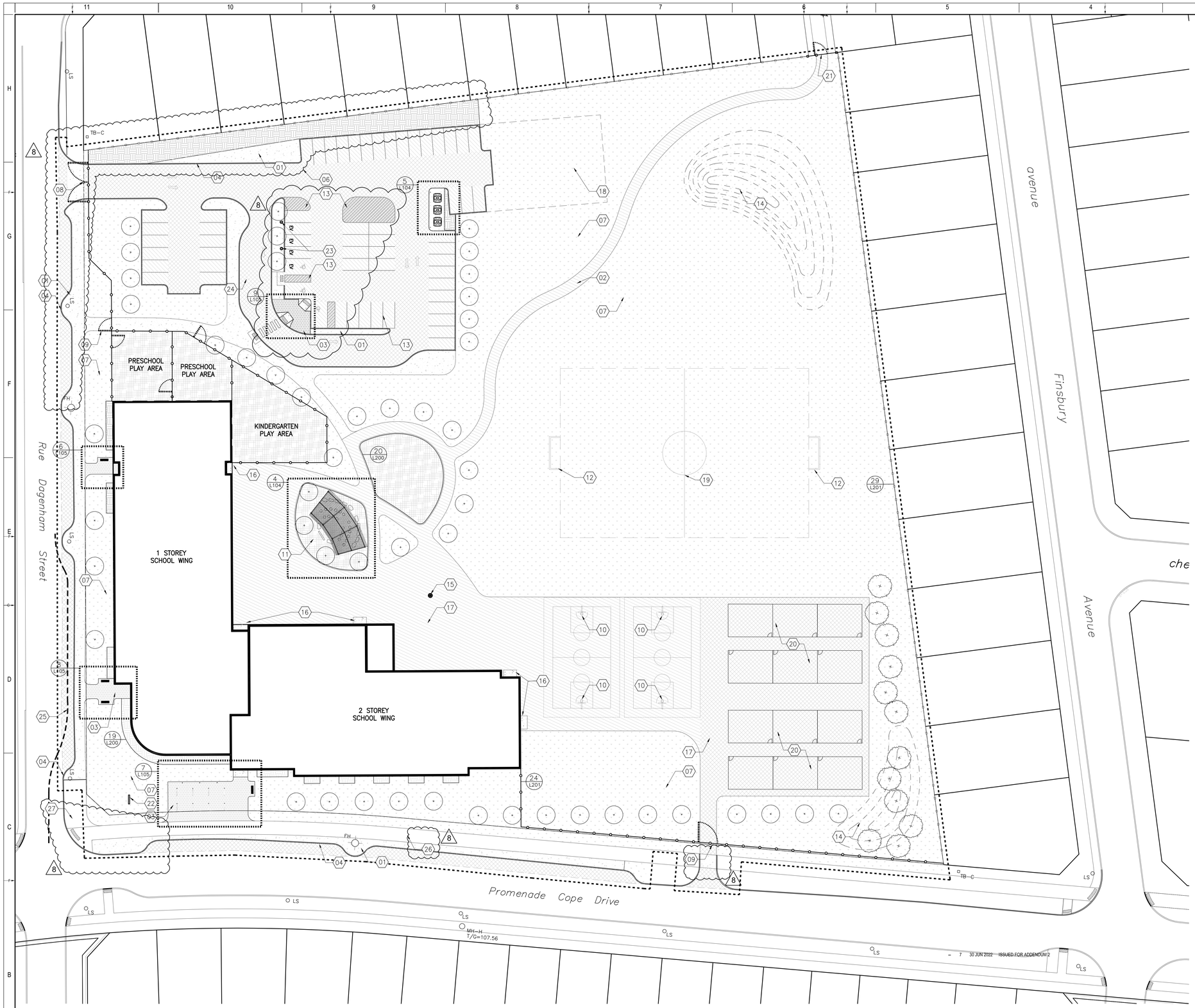
PROJECT NO: 219-00014-00
DATE: MARCH 2022
ORIGINAL SCALE: AS NOTED
IF THIS BAR IS NOT 25 mm LONG, ADJUST YOUR PLOTTING SCALE. 25 mm
DESIGNED BY: AH
DRAWN BY: MK / SG
CHECKED BY: AH
DISCIPLINE: **LANDSCAPE**
TITLE: **SITE PLAN**
SHEET NUMBER: **L100**
SHEET #: -- OF --
ISSUE: --
DATE OF: --
RV. #: **0**

Application number: D07-12-22-0058



1 / L101 MATERIALS PLAN
1:300

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8

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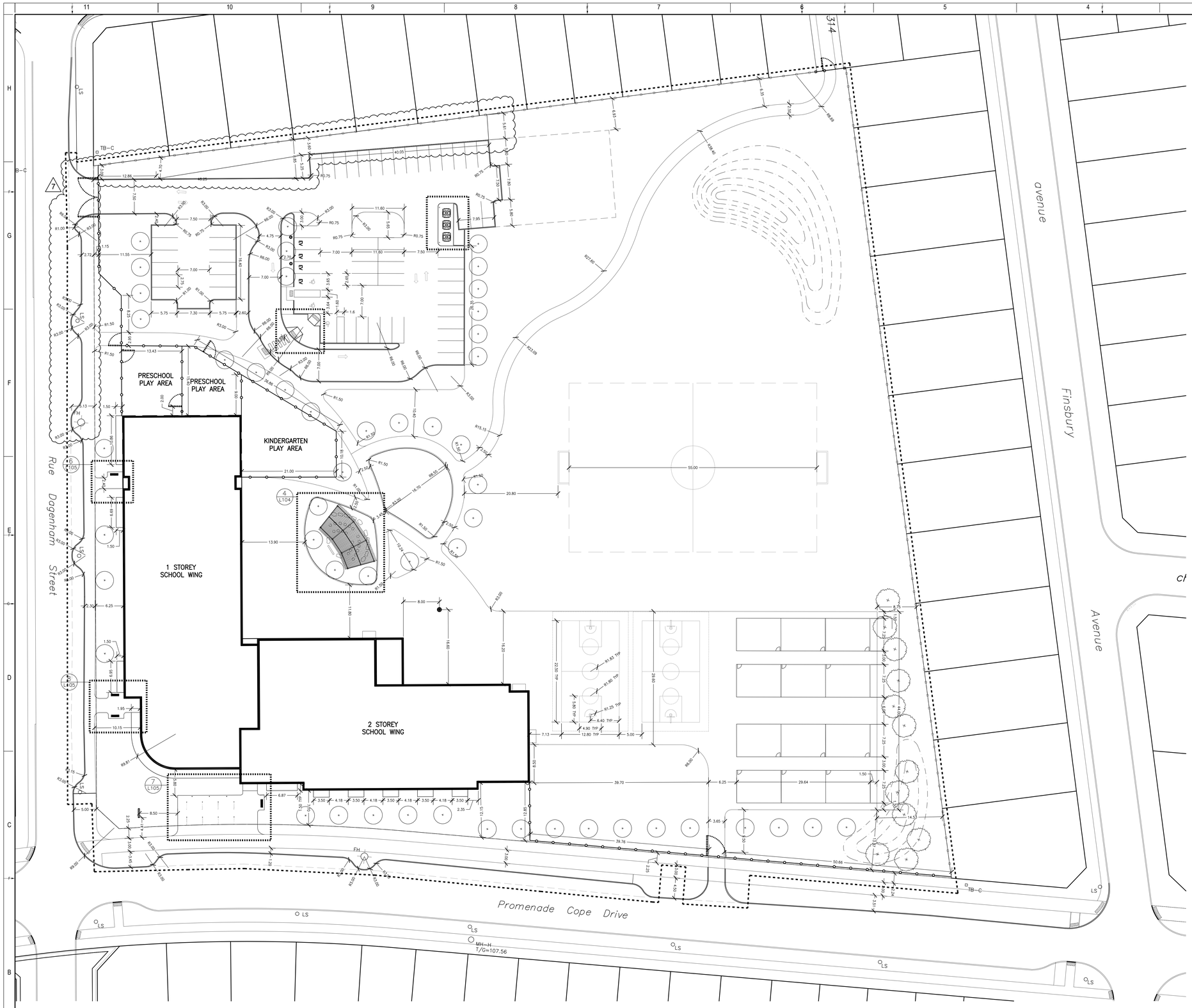
DISCIPLINE: **LANDSCAPE**

TITLE: **MATERIALS PLAN**

SHEET NUMBER: **L101**
SHEET #: – OF –

ISSUE: --
DATE OF: –
RV. #: 0



2 L102 LAYOUT PLAN
1:300

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- CONTOUR LINE
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- CONIFEROUS TREE
- CONIFEROUS SHRUB
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SHEET NUMBER: **L102**
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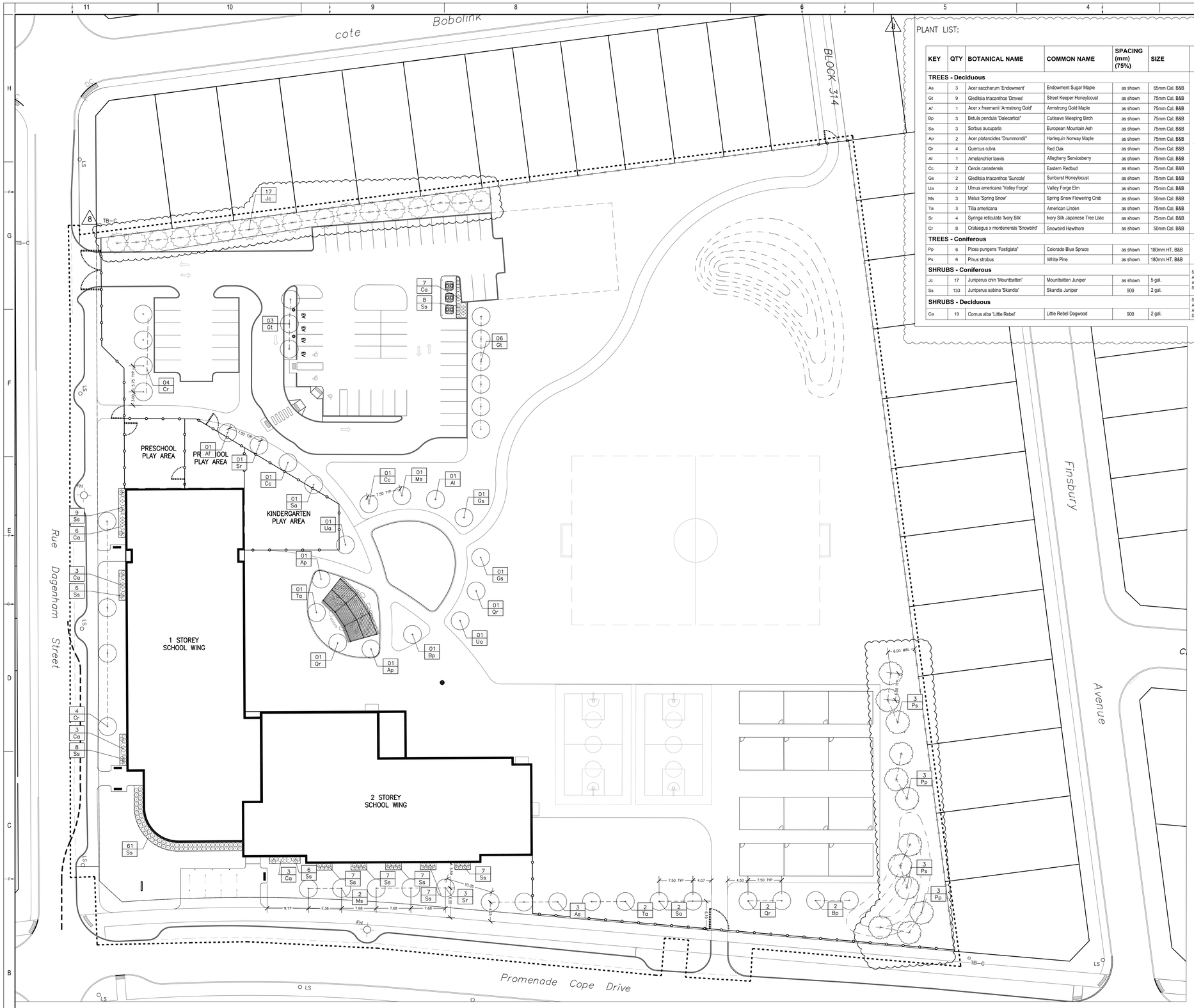
ISSUE: –
DATE OF: –
RV. #: **0**



PLANT LIST:

KEY	QTY	BOTANICAL NAME	COMMON NAME	SPACING (mm) (75%)	SIZE	COMMENTS
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As	3	Acer saccharum 'Endowment'	Endowment Sugar Maple	as shown	65mm Cal. B&B	TREES TO BE BALL & BURLAP. SOURCED IN SAME GROWING ZONE. ALL TREES SHOULD HAVE 5 TO 7 MAIN BRANCHES WITH DOMINANT LEADER BRANCH AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER TREE: 30 CU. M.
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Ap	2	Acer platanoides 'Drummondii"	Harlequin Norway Maple	as shown	75mm Cal. B&B	
Qr	4	Quercus rubra	Red Oak	as shown	75mm Cal. B&B	
Al	1	Amelanchier laevis	Allegheny Serviceberry	as shown	75mm Cal. B&B	
Cc	2	Cercis canadensis	Eastern Redbud	as shown	75mm Cal. B&B	
Gs	2	Gleditsia triacanthos 'Suncole'	Sunburst Honeylocust	as shown	75mm Cal. B&B	
Ua	2	Ulmus americana 'Valley Forge'	Valley Forge Elm	as shown	75mm Cal. B&B	
Ms	3	Malus 'Spring Snow'	Spring Snow Flowering Crab	as shown	50mm Cal. B&B	
Ta	3	Tilia americana	American Linden	as shown	75mm Cal. B&B	
Sr	4	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	as shown	75mm Cal. B&B	
Cr	8	Crataegus x mordenensis 'Snowbird'	Snowbird Hawthorn	as shown	50mm Cal. B&B	
TREES - Coniferous						
Pp	6	Picea pungens 'Fastigiata"	Colorado Blue Spruce	as shown	180mm HT. B&B	TREES TO BE BALL & BURLAP. SOURCED IN SAME GROWING ZONE. ALL TREES SHOULD HAVE 5 TO 7 MAIN BRANCHES WITH DOMINANT LEADER BRANCH AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER TREE: 30 CU. M.
Ps	6	Pinus strobus	White Pine	as shown	180mm HT. B&B	
SHRUBS - Coniferous						
Jc	17	Juniperus chin 'Mountbatten'	Mountbatten Juniper	as shown	5 gal.	SHRUBS TO BE IN POTS. SOURCED IN SAME GROWING ZONE. ALL SHRUBS SHOULD HAVE DENSE GROWTH, WELL ROOTED AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER SHRUB: 5 CU. M.
Ss	133	Juniperus sabina 'Skandia'	Skandia Juniper	900	2 gal.	
SHRUBS - Decidduous						
Ca	19	Cornus alba 'Little Rebel'	Little Rebel Dogwood	900	2 gal.	SHRUBS TO BE IN POTS. SOURCED IN SAME GROWING ZONE. ALL SHRUBS SHOULD HAVE DENSE GROWTH, WELL ROOTED AND WITHOUT DEFECT. MIN ROOT ZONE VOLUME PER SHRUB: 5 CU. M.

PLANTING NOTES:

1. LOCATION OF ALL PLANTS MATERIAL TO BE MARKED OUT ON SITE AND APPROVED BY CONTRACT ADMINISTRATOR PRIOR TO PLANTING
2. TREE SPACING, UNLESS OTHERWISE NOTED:
   - DECIDUOUS TREES: 6.0m MIN.
   - CONIFEROUS TREES: 3.0m MIN.
3. SHRUB SPACING, UNLESS OTHERWISE NOTED:
   - SMALL DECIDUOUS: 600mm O.C.
   - LARGE DECIDUOUS: 900mm O.C.
   - CONIFEROUS: 750mm O.C.
   - GRASSES: 450mm O.C.
4. ALL PLANT MATERIAL TO BE BEST QUALITY, REVIEWED ON SITE BY LANDSCAPE ARCHITECT PRIOR TO PLANTING. UNACCEPTABLE PLANTS TO BE REPLACED AND NEW PLANTS APPROVED PRIOR TO PLANTING. REPLACEMENTS ARE AT CONTRACTOR'S OWN COST
5. ALL PLANTING EXCAVATIONS ARE TO BE REVIEWED AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PLACEMENT OF DRAINAGE COURSE, FILTER FABRIC AND/OR SOIL
6. LANDSCAPE ARCHITECT IN ALL REFERENCES REFERS TO PROJECT LANDSCAPE ARCHITECT (ARCHITECTURE 49)

LEGEND:

- DECIDUOUS TREE
- CONIFEROUS TREE
- CONIFEROUS SHRUB
- PERENNIAL GRASS
- PLANT KEY
  - = NUMBER PLANTS
  - = PLANT SPECIES, REFER TO PLANT LIST

3 L103 PLANTING PLAN
1:300

ARCHITECTURE 49
1345 ROSEMOUNT AVENUE
CORNWALL, ONTARIO, CANADA, K6J 3E5
TEL: 613-933-5604 | FAX: 613-936-0335 | WWW.ARCHITECTURE49.COM

CONSULTANT - SUB-CONSULTANT:

CONSULTANT - SUB-CONSULTANT:

CONSULTANT - SUB-CONSULTANT:

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ÉCOLE ÉLÉMENTAIRE KANATA - STITTSVILLE

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ISSUED FOR - REVISION:

IS.	RV.	DATE	DESCRIPTION
--	8	02 SEP 2022	UPDATED PER CITY COMMENTS
--	7	30 JUN 2022	ISSUED FOR ADDENDUM #2
--	6	21 MAR 2022	ISSUED FOR BID AND PERMIT
--	5	14 JAN 2022	99% CD REVIEW
--	4	19 NOV 2021	85% CD REVIEW
--	3	24 SEP 2021	60% CD REVIEW
--	2	27 AUG 2021	RE-ISSUED FOR 30% CD REVIEW
--	1	04 AUG 2021	30% CD REVIEW

PROJECT NO: 219-000114-00
DATE: MARCH 2022
ORIGINAL SCALE: AS NOTED
IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE. 1"
DESIGNED BY: AH
DRAWN BY: MK / SG
CHECKED BY: AH

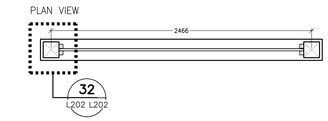
DISCIPLINE: **LANDSCAPE**

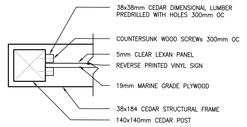
TITLE: **PLANTING PLAN**

SHEET NUMBER: **L103**

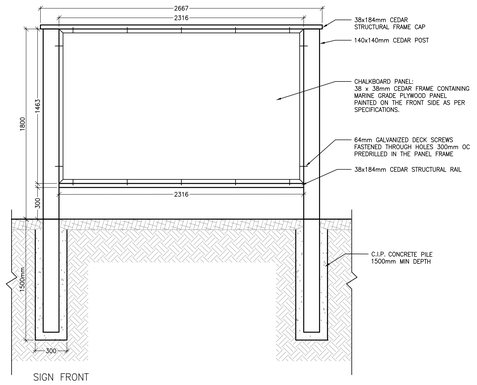
SHEET # – OF –

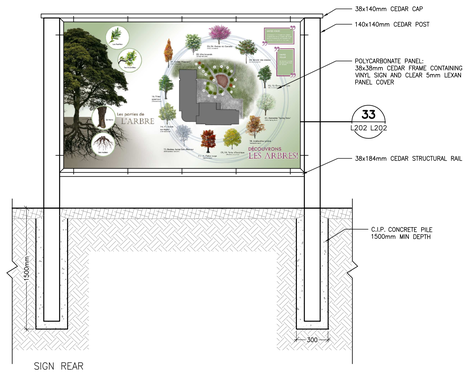
ISSUE: --
DATE OF: --
REV. # 0





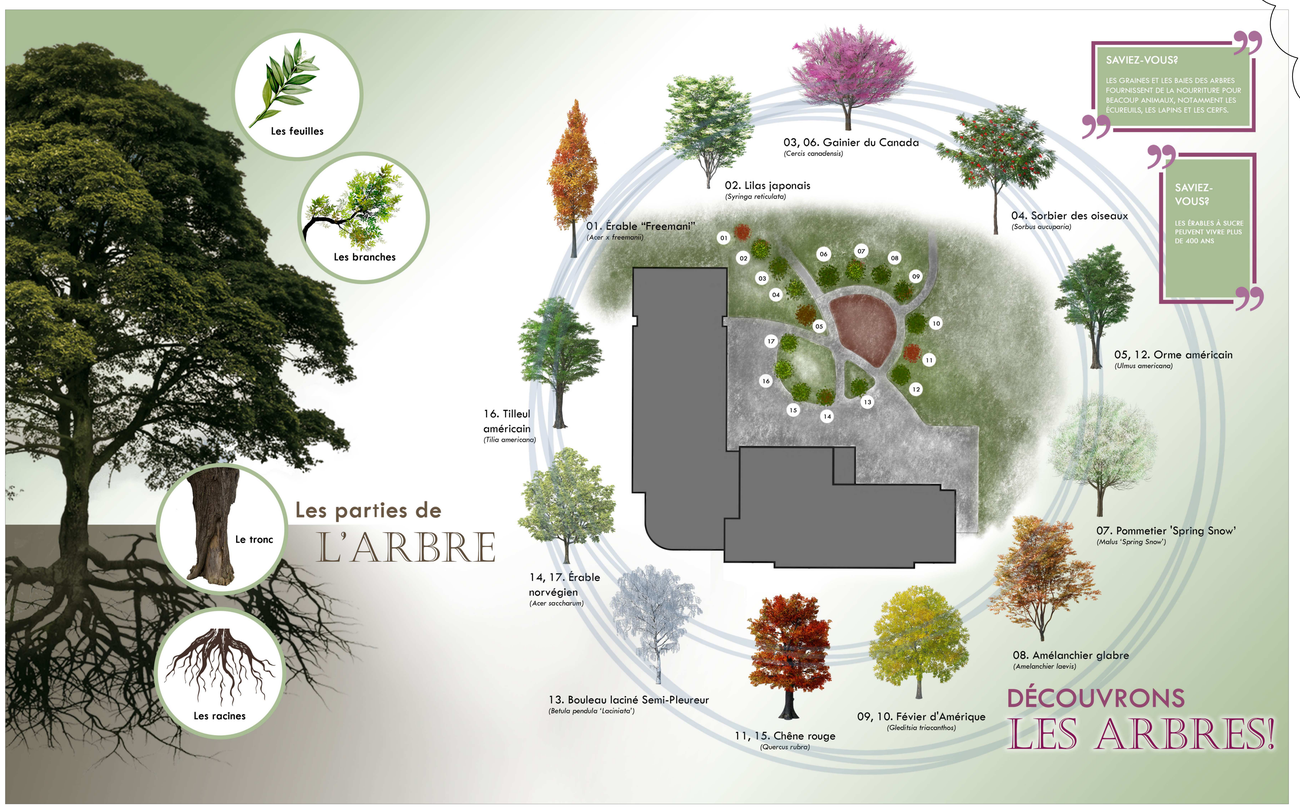
32 SIGN PANEL ENLARGEMENT
L202 L202 1:10





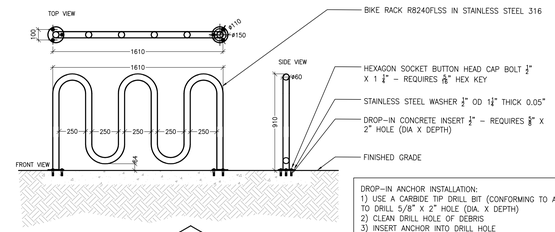
31 OUTDOOR CHALKBOARD AND SIGN PANEL
L104 L202 1:20

NOTES:
1. CONTRACTOR TO SUPPLY SHOP DRAWINGS OF CHALKBOARD AND SIGNAGE PANEL FOR APPROVAL BY CONSULTANT PRIOR TO CONSTRUCTION
2. SHOP DRAWINGS TO BE REVIEWED AND APPROVED BY STRUCTURAL ENGINEER LICENSED TO PRACTICE IN THE PROVINCE OF ONTARIO.



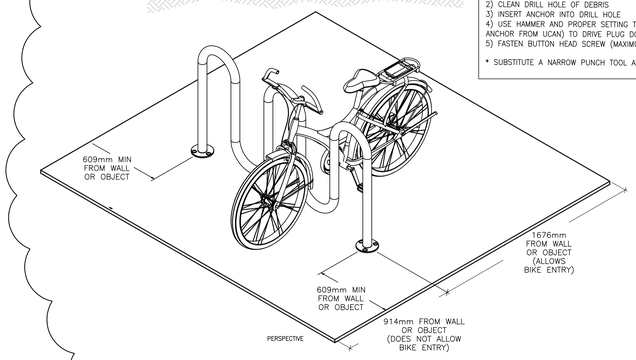
33 VINYL SIGNAGE EXAMPLE
L202 L202 NTS

7



DROP–IN ANCHOR INSTALLATION:
1) USE A CARBIDE TIP DRILL BIT (CONFORMING TO ANSI B 212.15) TO DRILL 5/8" X 2" HOLE (DIA. X DEPTH)
2) CLEAN DRILL HOLE OF DEBRIS
3) INSERT ANCHOR INTO DRILL HOLE
4) USE HAMMER AND PROPER SETTING TOOL* (FOR 1/2" DROP–IN ANCHOR FROM UCAN) TO DRIVE PLUG DOWN
5) FASTEN BUTTON HEAD SCREW (MAXIMUM TORQUE 22 FT X LBF)

* SUBSTITUTE A NARROW PUNCH TOOL AT INSTALLER'S RISK



NOTES:
1. EMBEDMENT DETAILS ARE FOR REFERENCE ILLUSTRATION ONLY. MINIMUM FOUNDATION SIZES DEPEND ON LOCAL SOIL CONDITIONS, WEATHER CONDITIONS AND ENGINEERING REQUIREMENTS.
2. BIKE RACK IS PROVIDED AS SHOWN WITH PARTS LISTED BELOW. CONCRETE FOUNDATION AND/OR INSTALLATION NOT PROVIDED BY RELIANCE FOUNDRY.
3. THIS DRAWING IS NOT DRAWN TO SCALE. DIMENSIONS PROVIDED HEREIN ARE FOR REFERENCE ONLY. PLEASE CONSULT RELIANCE FOUNDRY SALES PROFESSIONALS IF ANY DIMENSION IS CRITICAL TO YOUR PARTICULAR INSTALLATION.

34 BIKE RACK DETAIL
L100 L202 NOT TO SCALE

ARCHITECTURE 49
1345 ROSEMOUNT AVENUE
CORNWALL, ONTARIO, CANADA, K6J 3E5
TEL: 613-933-5604 | FAX: 6130360335 | WWW.ARCHITECTURE49.COM

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PROJECT NO: 219-00014-01
DATE: MARCH 2022
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DRAWN BY: MK
CHECKED BY: AH
1"
DISCIPLINE: LANDSCAPE

TITLE:
LANDSCAPE DETAILS

SHEET NUMBER:
L202
SHEET #: – OF –

ISSUE: --
DATE OF: --
RV. #: 0