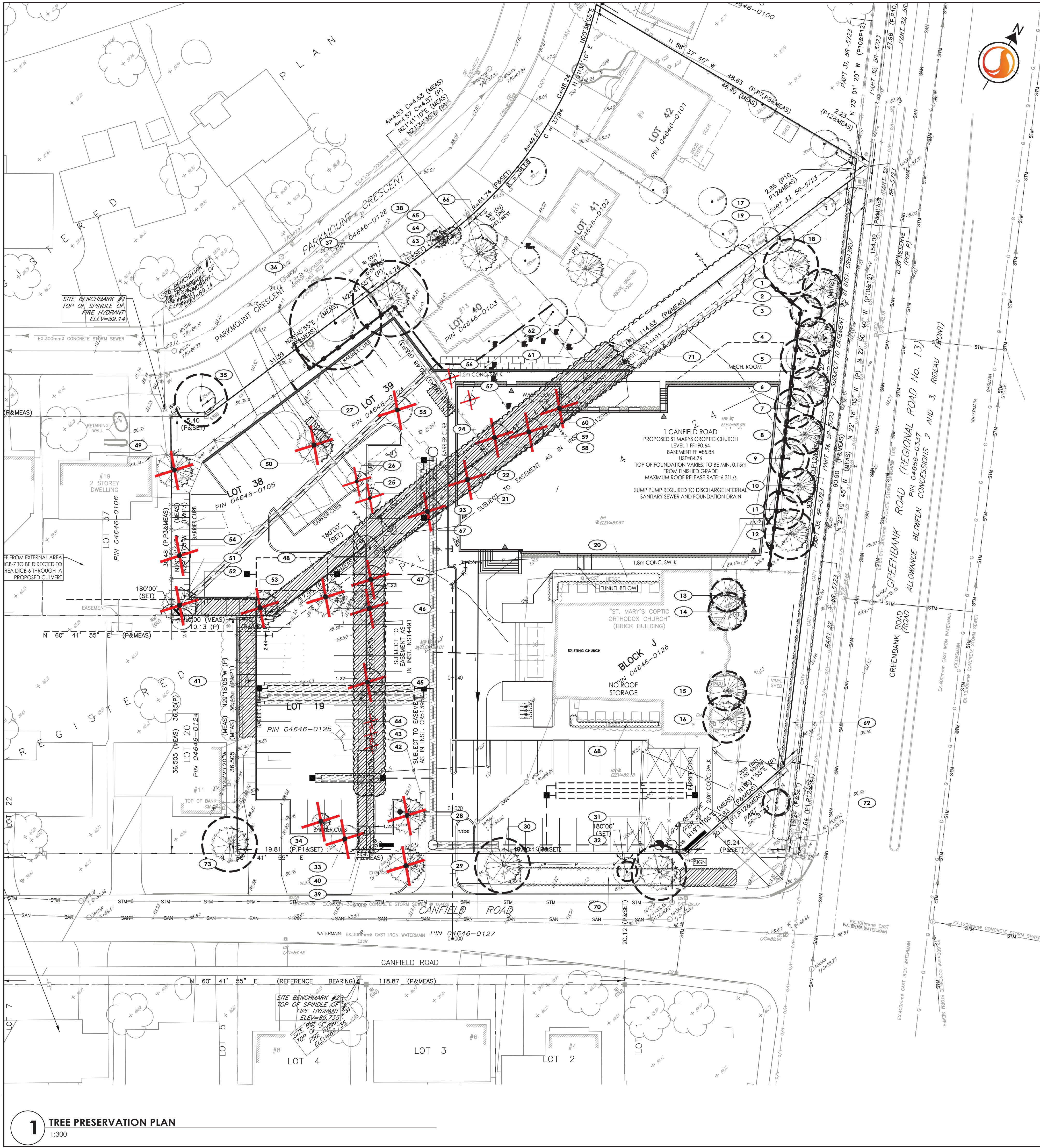


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EXISTING VEGETATION SCHEDULE					
TREE ASSESSMENT CONDUCTED: July 15, 2019					
PLANT ID	BOTANICAL NAME	COMMON NAME	DBH (cm)	HEALTH/ CONDITION	REMARKS
1	Picea abies	Norway Spruce	42	Good / Fair	Dead branches on the side facing the adjacent Norway Maples. Tree is not receiving enough sunlight. TO BE PROTECTED.
2	Picea abies	Norway Spruce	30	Good / Fair	Dead branches on the side facing the adjacent Norway Maples. Tree is not receiving enough sunlight. TO BE PROTECTED.
3	Acer platanoides 'Crimson King'	Crimson King Norway Maple	24	Good	TO BE PROTECTED.
4	Picea abies	Norway Spruce	33	Good / Fair	Dead branches on the side facing the adjacent Norway Maples. Tree is not receiving enough sunlight. TO BE PROTECTED.
5	Acer platanoides 'Crimson King'	Crimson King Norway Maple	30	Good	TO BE PROTECTED.
6	Picea abies	Norway Spruce	27	Good / Fair	Dead branches on the side facing the adjacent Norway Maples. Tree is not receiving enough sunlight. TO BE PROTECTED.
7	Acer platanoides 'Crimson King'	Crimson King Norway Maple	30	Good	TO BE PROTECTED.
8	Picea abies	Norway Spruce	30	Good / Fair	Dead branches on the side facing the adjacent Norway Maples. Tree is not receiving enough sunlight. TO BE PROTECTED.
9	Acer platanoides 'Crimson King'	Crimson King Norway Maple	31	Good	TO BE PROTECTED.
10	Picea abies	Norway Spruce	26	Good / Fair	Dead branches on the side facing the adjacent Norway Maples. Tree is not receiving enough sunlight. TO BE PROTECTED.
11	Acer platanoides 'Crimson King'	Crimson King Norway Maple	30	Good	TO BE PROTECTED.
12	Picea abies	Norway Spruce	37	Good	TO BE PROTECTED.
13	Picea pungens 'Glauca'	Colorado Blue Spruce	25	Good	Lower branches have been trimmed. Poor form. TO BE RETAINED.
14	Picea pungens 'Glauca'	Colorado Blue Spruce	29	Good	Lower branches have been trimmed. Poor form. TO BE RETAINED.
15	Picea pungens	Colorado Spruce	30	Good	TO BE PROTECTED.
16	Picea pungens 'Glauca'	Colorado Blue Spruce	36	Good	TO BE PROTECTED.
17	Acer saccharum	Sugar Maple	33	Good	TO BE PROTECTED.
18	Acer negundo	Manitoba Maple	5 @ 12, 16, 22, 13, 15	Good	Multi-stem tree. TO BE PROTECTED..
19	Malus spp.	Apple Tree	N/A	Good	Located on adjacent property
20	Thuja occidentalis	Eastern White Cedar	N/A	Good	Hedge. TO BE PROTECTED.
21	Acer negundo	Manitoba Maple	N/A	Poor	1 dead trunk, large cavity, dead branches. TO BE REMOVED.
22	Thuja occidentalis	Eastern White Cedar	N/A	Good	Hedge. 6 m height. TO BE REMOVED.
23	Thuja occidentalis	Eastern White Cedar	N/A	Good	Hedge. 6 m height. TO BE REMOVED.
24	Thuja occidentalis	Eastern White Cedar	N/A	Good	Hedge. 8 m height. TO BE REMOVED.
25	Acer negundo	Manitoba Maple	6	Good	TO REMAIN.
26	Acer negundo	Manitoba Maple	7	Good	TO BE REMOVED.
27	Thuja occidentalis	Eastern White Cedar	N/A	Good	Hedge. 6 m height. TO BE REMOVED.
28	Picea glauca	White Spruce	22	Fair	TO BE REMOVED.
29	Pinus banksiana	Jack Pine	32	Good	TO BE REMOVED.
30	Pinus banksiana	Jack Pine	32	Good	TO BE PROTECTED.
31	Pinus sylvestris	Scots Pine	40	Good	TO BE PROTECTED.
32	Acer negundo	Manitoba Maple	15	Good	TO BE PROTECTED.
33	Betula papyrifera	White Birch	1 @ 25, 1 @ 27	Good	Multi-stem. TO BE REMOVED.
34	Picea pungens 'Hopsii'	Hopsi Blue Spruce	15	Good	TO BE REMOVED.
35	Acer platanoides 'Crimson King'	Crimson King Norway Maple	40	Good	TO BE PROTECTED.
36	Acer negundo	Manitoba Maple	1 @ 66, 1 @ 70	Good	Multiple trunks. TO BE PROTECTED.
37	Picea pungens 'Glauca'	Colorado Blue Spruce	58	Good / Fair	TO BE PROTECTED.
38	Picea pungens 'Glauca'	Colorado Blue Spruce	30	Good	TO REMAIN.
39	Thuja occidentalis	Eastern White Cedar	N/A	Good	Hedge. 5 m height. TO BE REMOVED.
40	Acer negundo	Manitoba Maple	11	Good	TO BE REMOVED.
41	Thuja occidentalis	Eastern White Cedar	N/A	Good	Hedge. 4 m height. TO BE REMOVED.
42	Acer ginnala	Amur Maple	5-15	Good	Multi-stem shrub / tree. Invasive. Non-native. TO BE REMOVED.
43	Acer ginnala	Amur Maple	5-15	Good	Multi-stem shrub / tree. Invasive. Non-native. TO BE REMOVED.
44	Acer ginnala	Amur Maple	5-15	Good	Multi-stem shrub / tree. Invasive. Non-native. TO BE REMOVED.
45	Acer saccharum	Sugar Maple	30	Good	TO BE REMOVED.
46	Acer negundo	Manitoba Maple	42	Good	TO BE REMOVED.
47	Acer negundo	Manitoba Maple	35	Poor	Many dead branches. TO BE REMOVED.
48	Picea pungens 'Glauca'	Blue Colorado Spruce	35	Poor	TO BE REMOVED.
49	Picea glauca	White Spruce	30	Fair	Many dead branches. TO BE REMOVED.
50	Picea glauca	White Spruce	43	Fair	Many dead branches. TO BE REMOVED.
51	Pinus sylvestris	Scots Pine	33	Poor	Many dead branches. TO BE REMOVED.
52	Acer ginnala	Amur Maple	N/A	Good / Fair	Hedge. Some dead trunks. Invasive. Non-native. TO BE REMOVED.
53	Picea glauca	White Spruce	19	Poor	Many dead branches. TO BE REMOVED.
54	Syringa reticulata	Japanese Tree Lilac	5	Good	TO BE REMOVED.
55	Betula alleghensis	River Birch	7	Good	TO BE REMOVED.
56	Acer palmatum 'Bloodgood'	Bloodgood Japanese Maple	2.5 cm ht.	Fair	25 cm. abrasion on the trunk. Otherwise healthy. TO BE REMOVED.
57	Acer palmatum 'Bloodgood'	Bloodgood Japanese Maple	2.5 cm ht.	Fair	30 cm. abrasion on the trunk. Otherwise healthy. TO BE REMOVED.
58	Acer saccharum	Sugar Maple	1 @ 26, 1 @ 16	Good	Tree has 2 trunks. TO BE REMOVED.
59	Acer negundo	Manitoba Maple	N/A	Good	Tree is located between 2 fences. Inaccessible. TO BE REMOVED.
60	Acer negundo	Manitoba Maple	N/A	Good	Tree is located between 2 fences. Inaccessible. TO BE REMOVED.
61	Ulmus americana	American Elm	13	Good	TO REMAIN.
62	Malus spp.	Crabapple	17	Good	TO REMAIN.
63	Pinus sylvestris	Scots Pine	12	Good	TO BE RETAINED.
64	Pinus sylvestris	Scots Pine	7	Good	TO BE RETAINED.
65	Pinus sylvestris	Scots Pine	5	Good	TO BE RETAINED.
66	Acer ginnala	Amur Maple	4-15	Good	Multi-stem shrub / tree. Invasive. Non-native. TO REMAIN.
67	Acer saccharum	Sugar Maple	30	Good	Tree is located between 2 fences. Inaccessible. TO BE REMOVED.
68	Thuja occidentalis	Eastern White Cedar	N/A	Good	Hedge. 1.2 m height. TO BE RETAINED.
69	Lonicera spp.	Honeysuckle	N/A	Good	Hedge. 1.8 m height. TO BE PROTECTED.
70	Lonicera spp.	Honeysuckle	N/A	Good	Hedge. 1.8 m height. TO BE PROTECTED.
71	Acer negundo, Acer platanoides, Acer spp.	Manitoba Maple, Norway Maple, Maple	10-35	Good to Poor	Vegetation grouping. TO BE REMOVED EXCEPT BEHIND LOT 41.
72	Acer spp.	Maple	20	Good	TO BE PROTECTED.
73	Picea pungens	Colorado Spruce	30	Good	TO BE PROTECTED.



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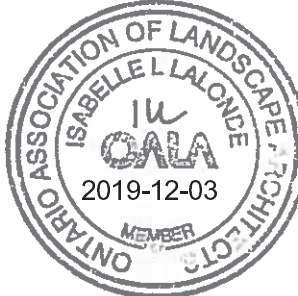
- 000 TREE IDENTIFICATION NUMBER
- EXISTING DECIDUOUS TREE
- EXISTING CONIFEROUS TREE
- EXISTING GROUPING OF VEGETATION TO REMAIN
- EXISTING GROUPING OF VEGETATION TO BE REMOVED
- EXISTING TREE TO BE REMOVED
- EXISTING TREE TO BE RELOCATED
- TREE PROTECTION FENCE. REFER TO DETAIL 1/TC3.
- CRITICAL ROOT ZONE
- PROPERTY LINE

Notes

- TOPOGRAPHIC SURVEY AND BENCHMARK COMPLETED BY STANTEC GEOMATICS LTD. DATED JUNE, 2019.
- SITE PLAN PREPARED BY N45 ARCHITECTURE INC. DATED NOVEMBER, 2019.
- REFER TO L300 FOR TREE PRESERVATION DETAIL AND NOTES.

1	ISSUED FOR REVIEW	CTL	ILL	19.11.29	
Revision		By	Appd.	YY.MM.DD	
File Name:	160410203-LB	CTL	ILL	19.10.16	
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Permit-Seal



Client/Project

ST. MARY'S COPTIC ORTHODOX CHURCH  
1 CANFIELD ROAD

PROPOSED ST. MARY'S COPTIC  
ORTHODOX CHURCH  
OTTAWA, ON

Title

PROPOSED DEVELOPMENT AND  
TREE PRESERVATION PLAN

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Drawing No.	Sheet	Revision

L100

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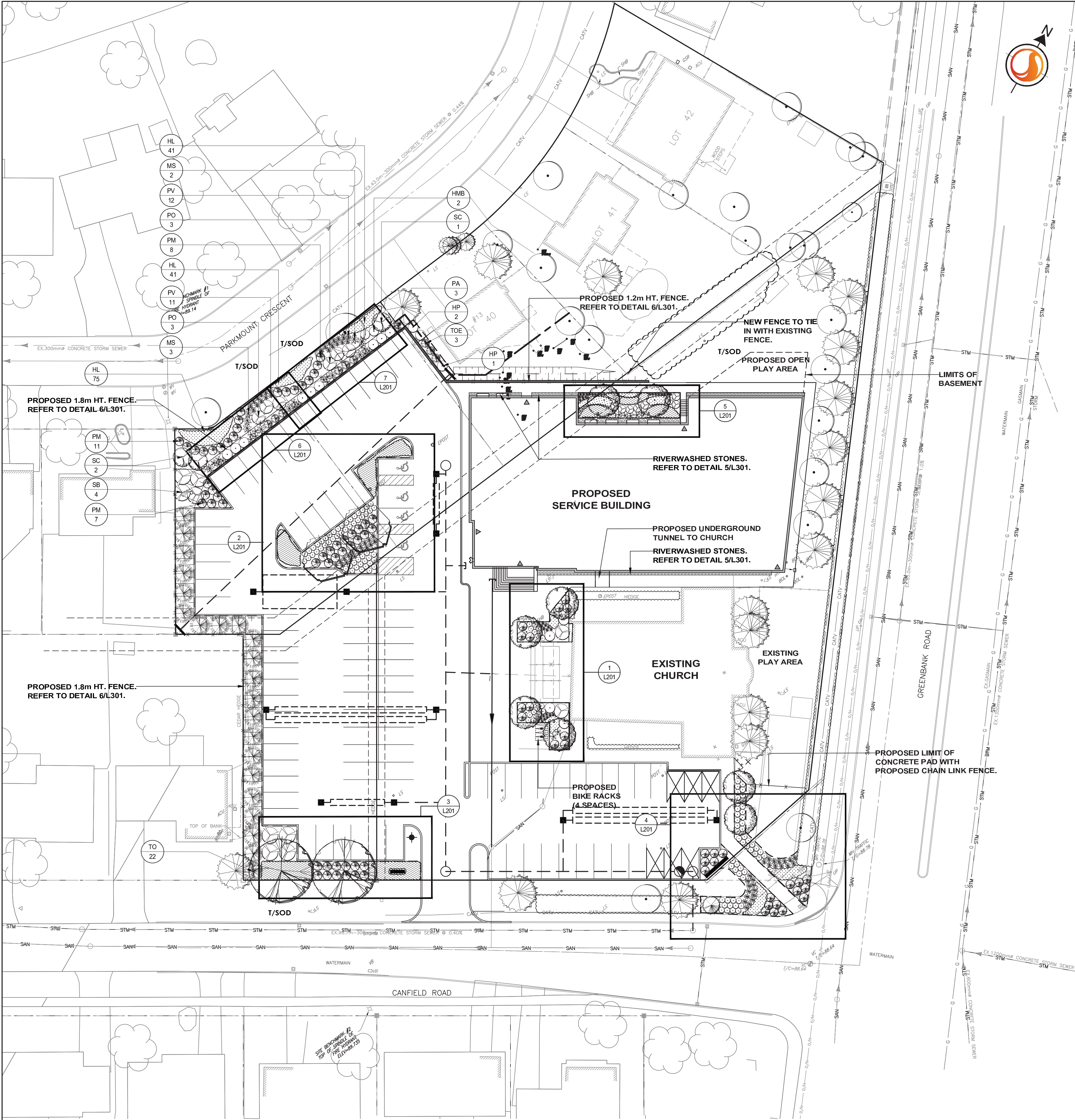
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PLANT LIST					
QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
CONIFEROUS TREES - REFER TO DETAIL 1/L301					
22	TO	Thuja occidentalis	Eastern White Cedar	2000 mm (Ht.)	W.B.; Plant at 2000 mm o/c
3	TOE	Thuja occidentalis 'Emerald'	Emerald Cedar	2000 mm (Ht.)	W.B.; Plant at 1500 mm o/c
DECIDUOUS SHRUBS - REFER TO DETAIL 3/L301					
2	HMB	Hydrangea macrophylla 'Blushing Bride'	Blushing Bride Hydrangea	500 mm (Ht.)	C.G.; Plant at 1200 mm o/c
3	HP	Hydrangea paniculata 'Quick Fire'	Quick Fire Hydrangea	500 mm (Ht.)	C.G.; Plant at 1500 mm o/c
6	PO	Physocarpus opulifolius 'Diabolo'	Diabolo Ninebark	1000 mm (Ht.)	C.G.; Plant at 1800 mm o/c
3	SC	Sambucus canadensis 'Aurea'	Golden Elderberry	1000 mm (Ht.)	C.G.; Plant at 2500 mm o/c
4	SB	Syringa x vulgaris 'Beauty of Moscow'	Beauty of Moscow French Hybrid Lilac	1000 mm (Ht.)	C.G.; Plant at 2500 mm o/c
CONIFEROUS SHRUBS - REFER TO DETAIL 3/L301					
26	PM	Pinus mugo 'Slowmound'	Slowmound Mugo Pine	400 mm (sp.)	C.G.; Plant at 1000 mm o/c
PERENNIALS / ORNAMENTAL GRASSES - REFER TO DETAIL 4/L301					
157	HL	Hemerocallis 'Little Wine Cup'	Little Wine Cup Day Lily	1 Gallon	Potted; Plant at 500 mm o/c
5	MS	Miscanthus sinensis 'November Sunset'	November Sunset Maiden Grass	1 Gallon	Potted; Plant at 1200 mm o/c
3	PA	Perovskia atriplicifolia	Russian Sage	1 Gallon	Potted; Plant at 900 mm o/c
23	PV	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	1 Gallon	Potted; Plant at 750 mm o/c

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Legend

- EXISTING DECIDUOUS TREE
- EXISTING CONIFEROUS TREE
- PROPOSED DECIDUOUS TREE
- PROPOSED CONIFEROUS TREE
- PROPOSED DECIDUOUS SHRUBS
- PROPOSED CONIFEROUS SHRUBS
- PROPOSED PERENNIALS AND GRASSES
- PROPOSED PLANTING BED EDGE
- T/SOD: SOD WITH 150mm TOPSOIL
- PROPOSED RIVER WASHED STONE
- PROPERTY LINE

Notes

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- SITE PLAN PREPARED BY N45 ARCHITECTURE INC. DATED NOVEMBER, 2019.
- REFER TO L301 FOR LANDSCAPE DETAILS AND NOTES.

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Revision		By	Appd.	YY.MM.DD	
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Client/Project

ST. MARY'S COPTIC ORTHODOX CHURCH  
1 CANFIELD ROAD

PROPOSED ST. MARY'S COPTIC ORTHODOX CHURCH  
OTTAWA, ON

Title

LANDSCAPE PLAN

Project No.

160410203

Drawing No.

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Revision

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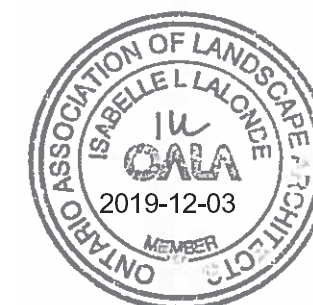
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- PROPERTY LINE

Notes

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		Dwn.	Chkd.	Dsgn.	YY.MM.DD

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Client/Project

ST. MARY'S COPTIC ORTHODOX CHURCH  
1 CANFIELD ROAD

PROPOSED ST. MARY'S COPTIC  
ORTHODOX CHURCH  
OTTAWA, ON

Title

LANDSCAPE PLAN DETAILS

Project No.  
160410203

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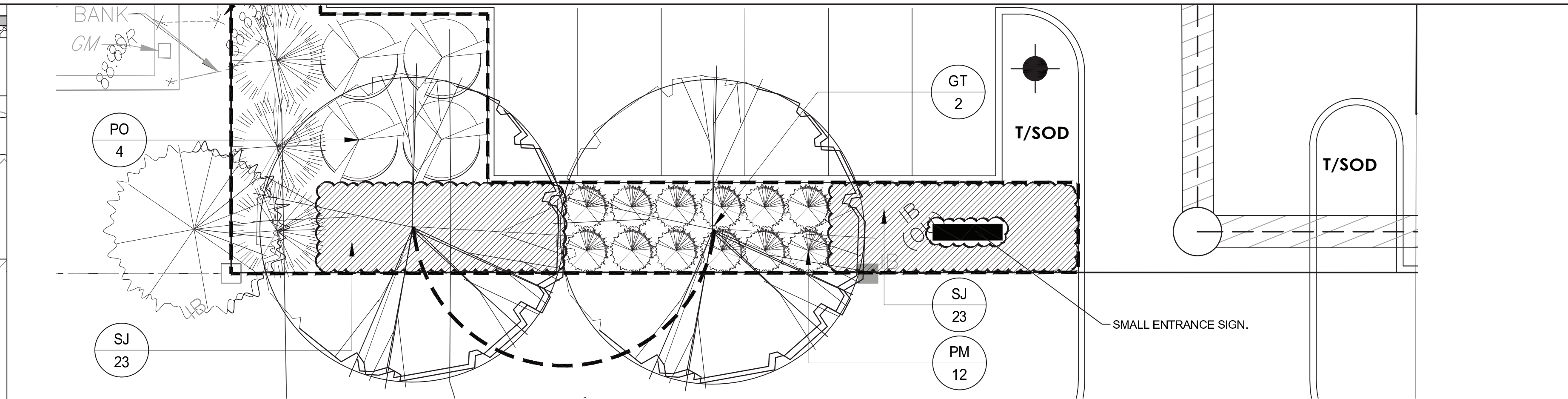
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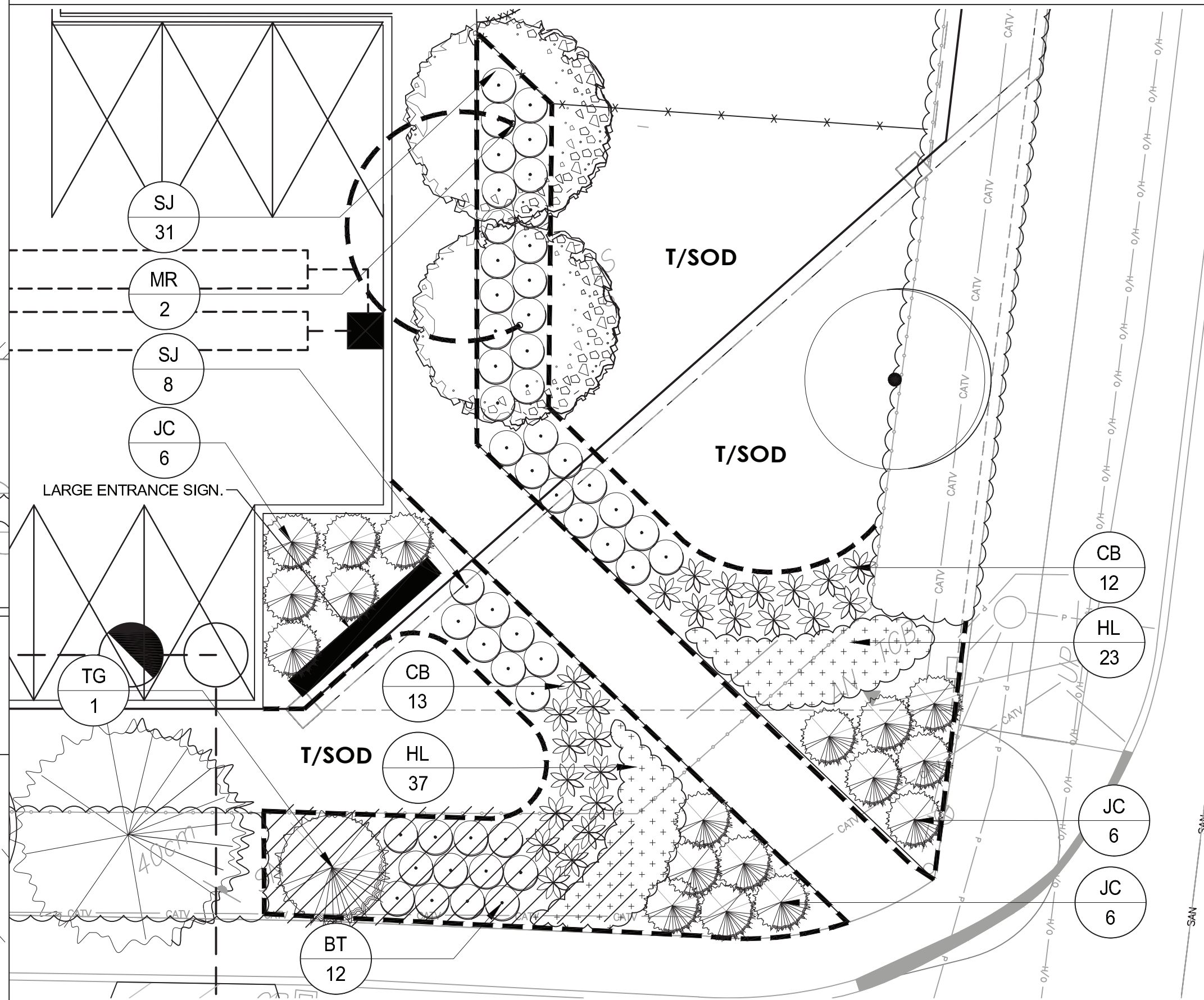
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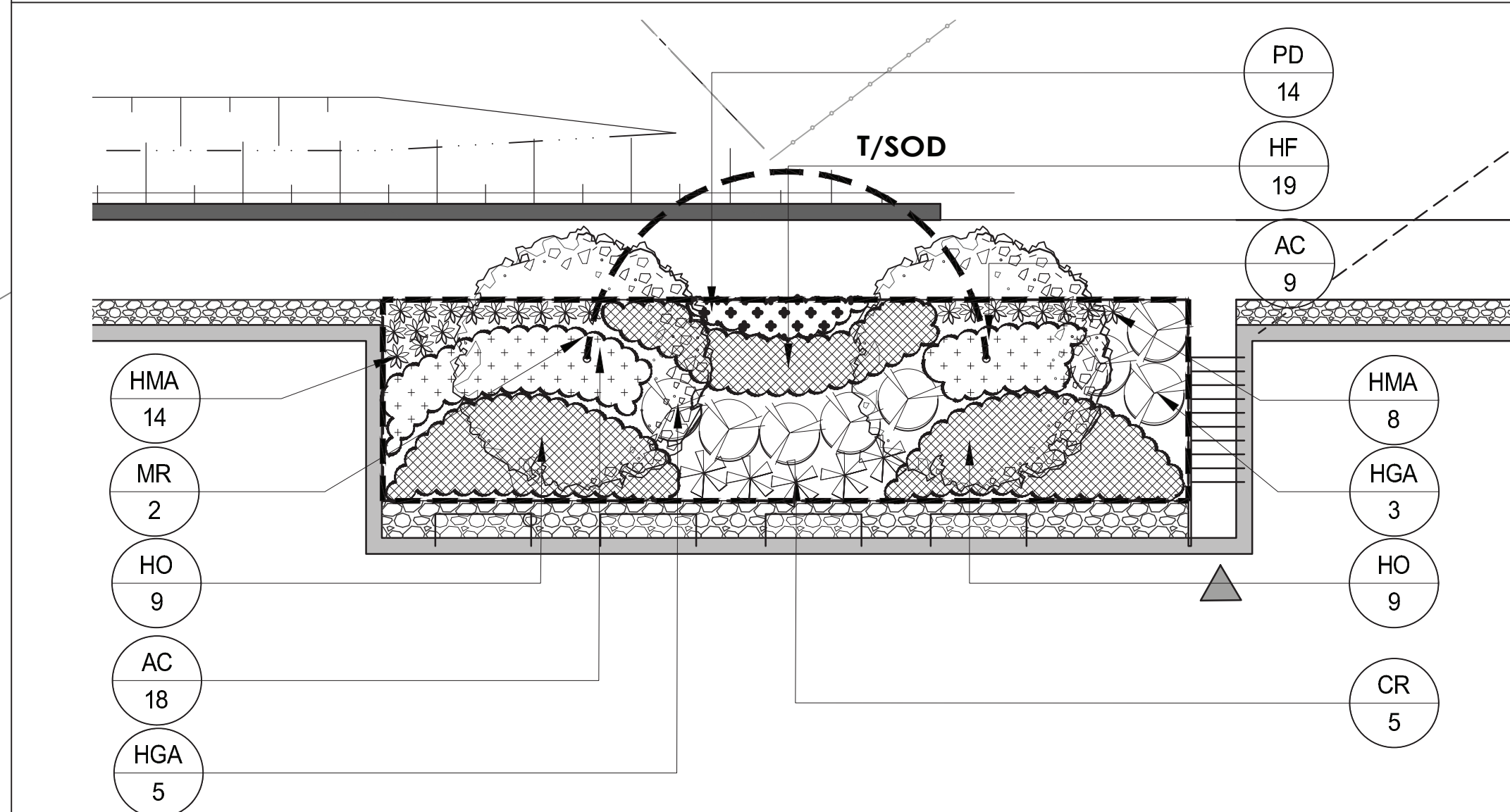
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4 LANDSCAPE PLAN DETAIL

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5 LANDSCAPE PLAN DETAIL

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6 LANDSCAPE PLAN DETAIL

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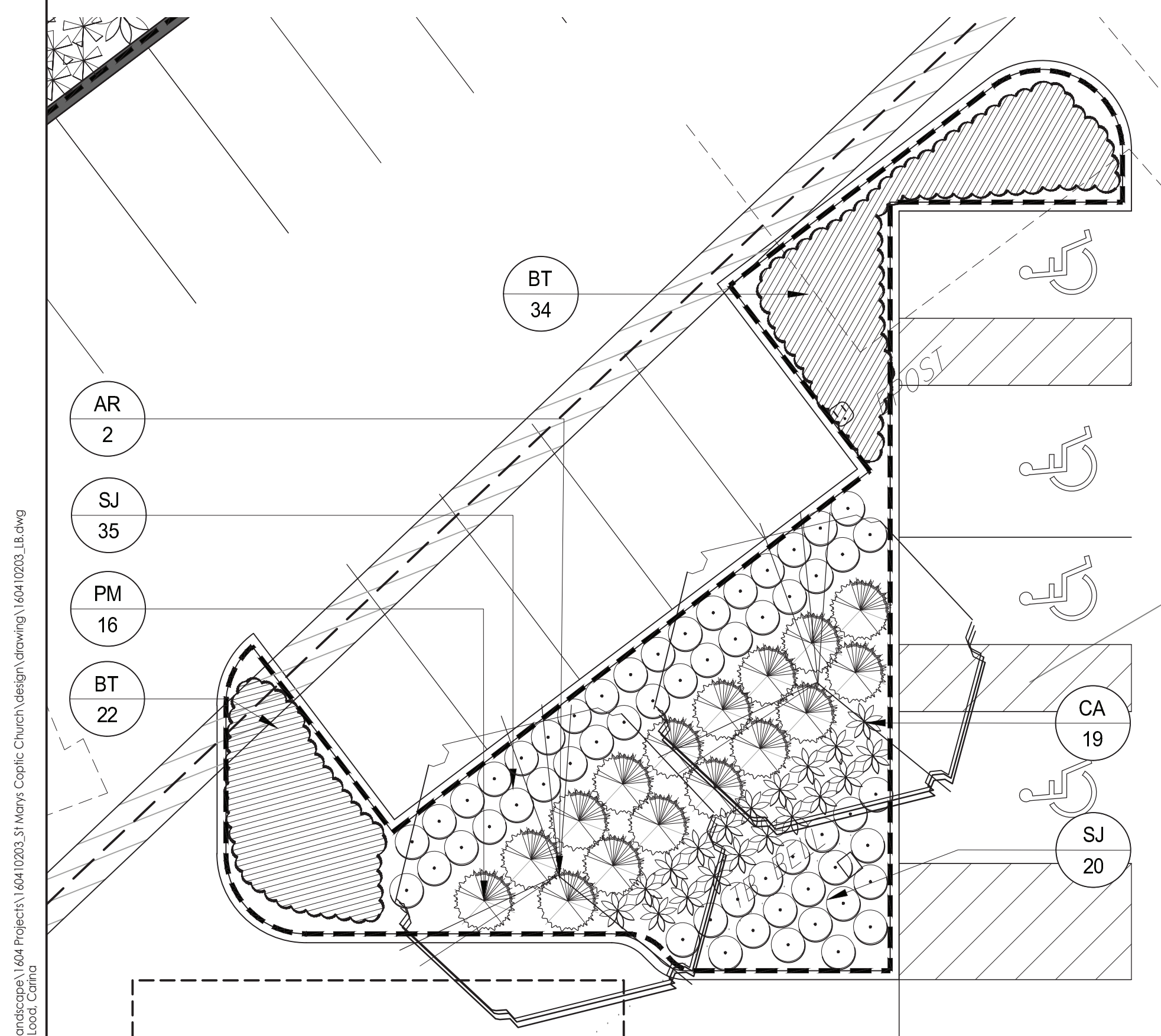


7 LANDSCAPE PLAN DETAIL

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PLANT LIST

QTY	KEY BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
DECIDUOUS TREES - REFER TO DETAIL 2/L301				
2	ARR Acer rubrum 'Red Rocket'	Morgan Red Maple	60 mm (cal.)	W.B.: Plant at 10,000 mm o/c
2	AR Acer rubrum 'October Glory'	October Glory Maple	60 mm (cal.)	W.B.: Plant at 10,000 mm o/c
6	MR Malus 'Royal Raindrops'	Morgan Red Maple	60 mm (cal.)	W.B.: Plant at 10,000 mm o/c
2	GT Gleditsia triacanthos var. 'Inermis' 'Skyline'	Skyline Honeylocust	Pick	N/A
CONIFEROUS TREES - REFER TO DETAIL 1/L301				
6	TOE Thuja occidentalis 'Emerald'	Emerald Cedar	2000 mm (ht.)	W.B.: Plant at 1500 mm o/c
1	TG Thuja occidentalis 'George Peabody'	George Peabody Cedar	2000 mm (ht.)	W.B.: Plant at 2000 mm o/c
DECIDUOUS SHRUBS - REFER TO DETAIL 3/L301				
85	BT Berberis thunbergii 'Royal Burgundy'	Royal Burgundy Berberis	400 mm (sp.)	C.G.: Plant at 800 mm o/c
8	HGA Hydrangea grandiflora 'Arborescens'	Hills of Snow Hydrangea	500 mm (ht.)	C.G.: Plant at 1200 mm o/c
4	HMB Hydrangea macrophylla 'Blushing Bride'	Blushing Bride Hydrangea	500 mm (ht.)	C.G.: Plant at 1200 mm o/c
9	HP Hydrangea paniculata 'Quick Fire'	Quick Fire Hydrangea	500 mm (ht.)	C.G.: Plant at 1500 mm o/c
4	PO Physocarpus opulifolius 'Diabolo'	Diabolo Ninebark	1000 mm (ht.)	C.G.: Plant at 1800 mm o/c
140	SJ Spiraea japonica 'Anthony Waterer'	Anthony Waterer Spirea	400 mm (ht.)	C.G.: Plant at 800 mm o/c
2	SR Syringa x vulgaris 'Beauty of Moscow'	Beauty of Moscow French Hybrid Lilac	1000 mm (ht.)	C.G.: Plant at 2500 mm o/c
CONIFEROUS SHRUBS - REFER TO DETAIL 3/L301				
30	JC Juniperus communis 'Depressa Aurea'	Andorra Juniper	300 mm (sp.)	C.G.: Plant at 1200 mm o/c
28	PM Pinus mugo 'Slowmound'	Slowmound Mugo Pine	400 mm (sp.)	C.G.: Plant at 1000 mm o/c
PERENNIALS / ORNAMENTAL GRASSES - REFER TO DETAIL 4/L301				
27	AC Astilbe chinensis 'Visions in Pink'	Visions in Pink Astilbe	1 Gallon	Potted: Plant at 600 mm o/c
19	CA Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 Gallon	Potted: Plant at 750 mm o/c
25	CB Calamagrostis brachytricha	Karl Foerster Feather Reed Grass	1 Gallon	Potted: Plant at 750 mm o/c
5	CR Cimicifuga racemosa 'Hillside Black Beauty'	Purple-leaf Bugbane	1 Gallon	Potted: Plant at 800 mm o/c
39	HMA Hakonechloa macra 'Aurea'	Golden Japanese Forest Grass	1 Gallon	Potted: Plant at 500 mm o/c
86	HL Hieracallis 'Little Wine Cup'	Little Wine Cup Day Lily	1 Gallon	Potted: Plant at 500 mm o/c
19	HF Heuchera x 'Frosted Violet'	Frosted Violet Coral Bells	1 Gallon	Potted: Plant at 600 mm o/c
18	HO Hosta 'Fortunei Albomarginata'	Fortunei Albomarginata Hosta	1 Gallon	Potted: Plant at 1000 mm o/c
5	MS Miscanthus sinensis 'November Sunset'	November Sunset Maiden Grass	1 Gallon	Potted: Plant at 1200 mm o/c
14	PD Phlox divaricata 'White Perfume'	White Perfume Woodland Phlox	1 Gallon	Potted: Plant at 400 mm o/c
21	PA Perovskia atriplicifolia	Russian Sage	1 Gallon	Potted: Plant at 900 mm o/c

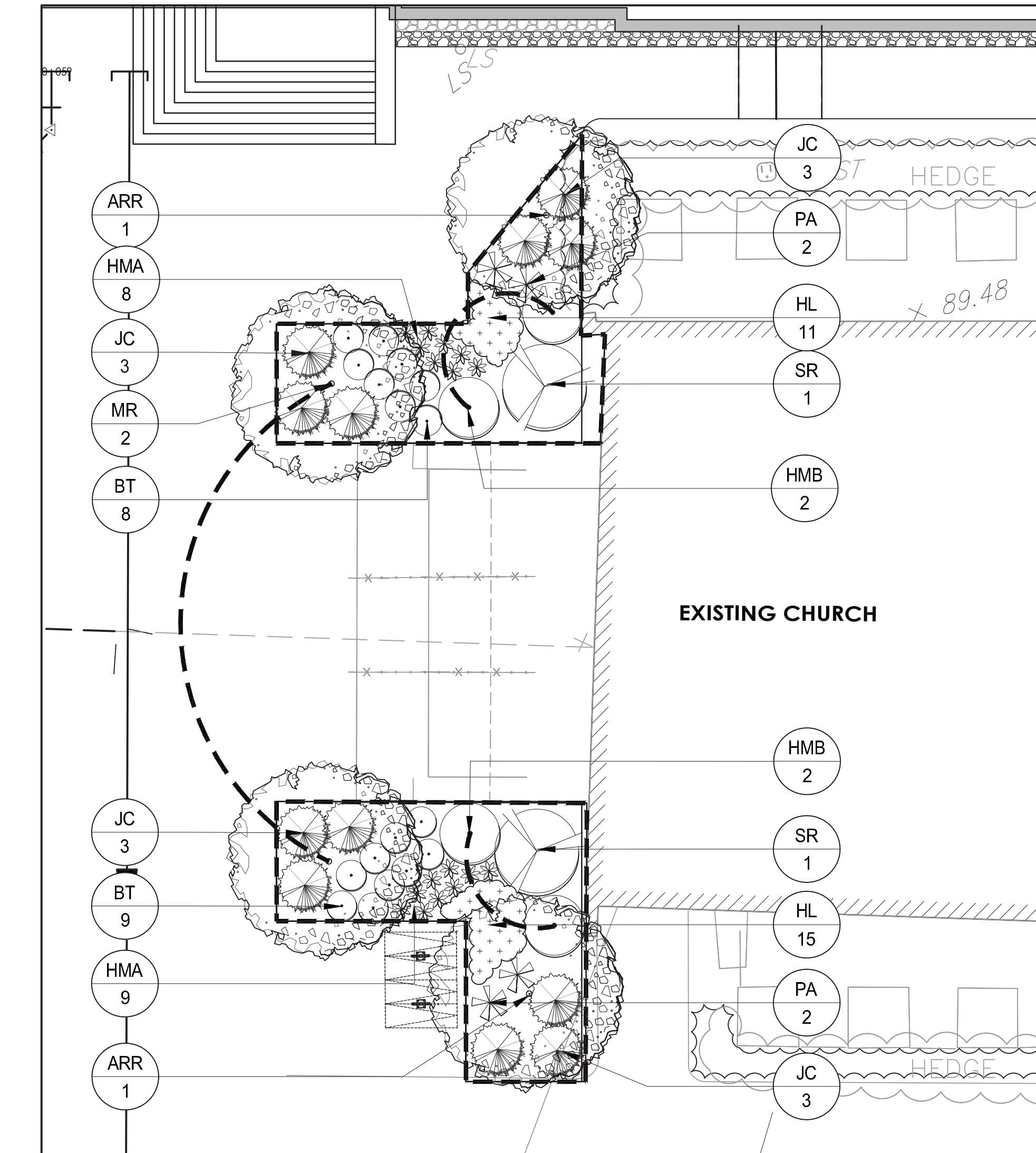


2 LANDSCAPE PLAN DETAIL

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1 LANDSCAPE PLAN DETAIL

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Tree Preservation Notes

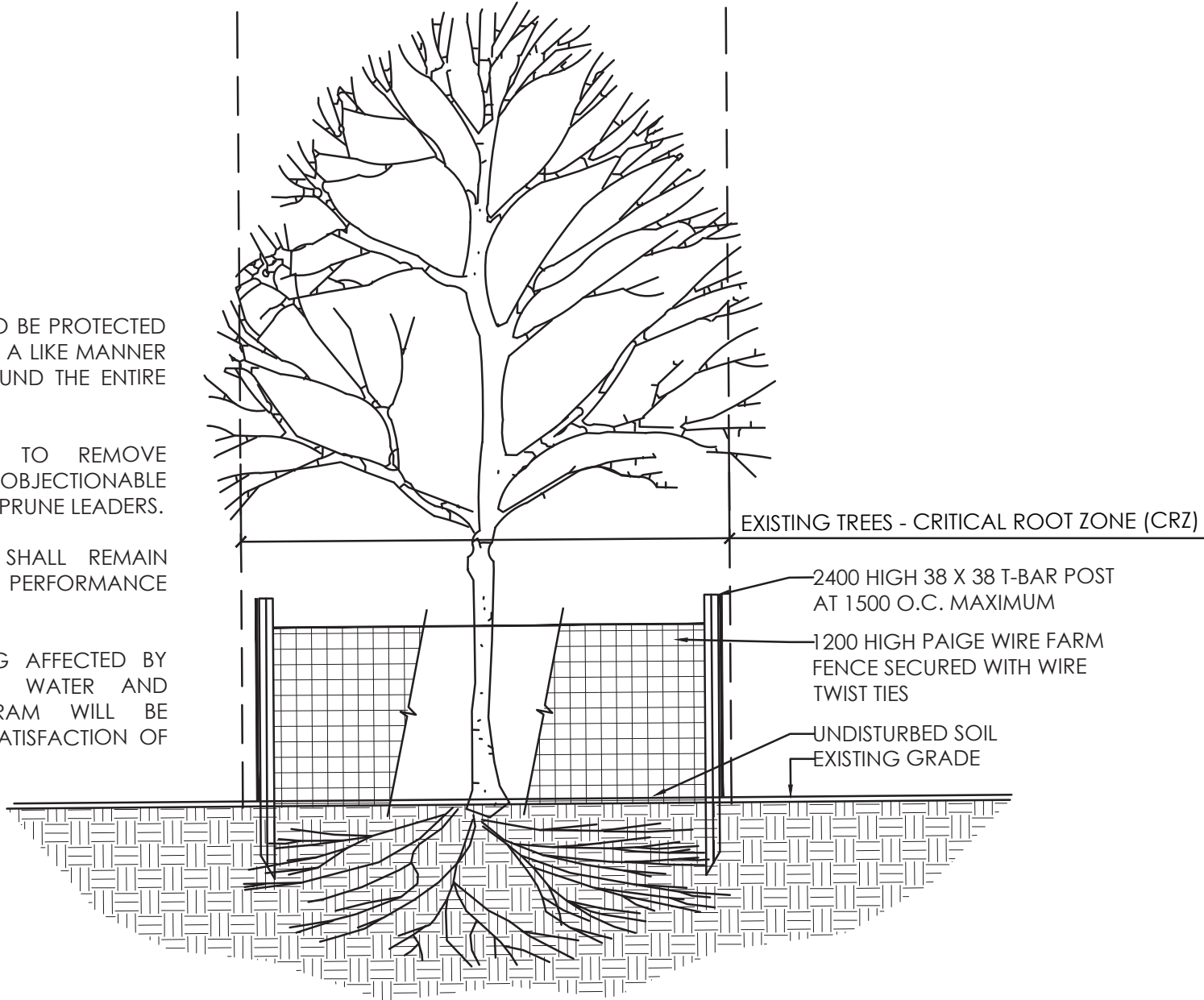
1. NO VEGETATION SHALL BE REMOVED WITHOUT MUNICIPAL WRITTEN APPROVAL.
2. LOCATION OF EXISTING TREES IS FOR REFERENCE ONLY AND SHALL BE CONFIRMED BY AN ARBORIST AND SURVEYOR.
3. NO VEGETATION REMOVAL SHALL OCCUR BETWEEN APRIL 15 AND AUGUST 15 OF ANY YEAR TO PROTECT BREEDING MIGRATORY BIRDS, AS WELL AS AT RISK BAT SPECIES. SHALL TREE REMOVAL DURING THIS PERIOD BY UNAVOIDABLE. THE CONTRACTOR IS REQUIRED TO CONDUCT A NESTING SURVEY BY A REGISTERED PROFESSIONAL AVIAN BIOLOGIST TO IDENTIFY AND ENSURE NO NESTING ACTIVITIES ARE PRESENT. TREE REMOVAL WILL BE ALLOWED WITHIN FIVE (5) DAYS OF CONDUCTING THE SURVEY.
4. CONTRACTOR SHALL ENSURE THE PROTECTION OF MATURE TREES IDENTIFIED TO BE RETAINED. TREE PROTECTION FENCING SHALL BE INSTALLED AT THE CRITICAL ROOT ZONE (CRZ) OF TREES WHERE THE CRZ IS ESTABLISHED AS BEING 10 CENTIMETRES FROM THE TRUNK OF A TREE FOR EVERY CENTIMETRE OF TRUNK DIAMETER AT BREAST HEIGHT (DBH). THE CRZ IS CALCULATED AS DBH X 10 CM. TREE PROTECTION FENCING SHALL BE INSTALLED AS SPECIFIED.
5. DURING EXCAVATION EQUIPMENT MUST BE MAINTAINED WITHIN THE CONFINES OF THE WORK AREA SO AS NOT TO DISRUPT ANY TURF OR TREE ROOTS UNNECESSARILY. DO NOT PLACE ANY MATERIAL OR EQUIPMENT WITHIN THE CRITICAL ROOT ZONE (CRZ) OF ANY TREE TO BE RETAINED.
6. DO NOT RAISE OR LOWER THE EXISTING GRADE WITHIN THE CRZ WITHOUT APPROVAL
7. ALL EXCAVATED MATERIAL, INCLUDING IMPORTED MATERIAL, MUST BE REMOVED IMMEDIATELY AND NOT PLACED ON GRASS OR NEAR TREES IN ORDER TO PREVENT ROOT DAMAGE, ACCIDENTAL HITING OF ADJACENT TREES, AND TURF DAMAGE OUTSIDE OF WORK AREA.
8. CONTRACTOR SHALL MINIMIZE SOIL COMPACTION BY KEEPING OPERATION OF MACHINERY AND EQUIPMENT CONFINED TO DESIGNATED WORK AREA.
9. DO NOT ATTACH ANY SIGNS, NOTICES, OR POSTERS TO ANY TREES
10. CONTRACTOR SHALL KEEP A SPILL KIT ON SITE.
11. CONTRACTOR SHALL DEVELOP AN EMERGENCY RESPONSE PLAN.
12. CONTRACTOR SHALL AVOID SOIL CONTAMINATION AND FUTURE LIABILITY BY CONFINING THE OILING AND REFUELING OF MACHINERY AND EQUIPMENT TO DESIGNATED STAGING AREA.
13. NO FUEL IS TO BE STORED WITHIN THE CRITICAL ROOT ZONE (CRZ) OF ANY TREE AND EXHAUST FUMES FROM ALL EQUIPMENT MUST NOT BE DIRECTED TOWARDS ANY TREE'S CANOPY.
14. CONTRACTOR SHALL PREVENT ANY DAMAGE TO THE ROOT SYSTEM, TRUNK OR BRANCHES OF ANY TREES TO BE RETAINED ON SITE AND ON ADJACENT PROPERTIES.
15. STORAGE OF EQUIPMENT AND VEHICLES WITHIN THE CRITICAL ROOT ZONE (CRZ) OF EXISTING TREES IS STRICTLY PROHIBITED.
16. WHERE LIMBS OR PORTIONS OF TREES ARE REMOVED TO ACCOMMODATE CONSTRUCTION WORK, THEY WILL BE REMOVED CAREFULLY IN ACCORDANCE WITH ACCEPTED ARBORICULTURAL PRACTICES.
17. WHERE NECESSARY, THE TREES WILL BE GIVEN AN OVERALL PRUNING TO RESTORE THEIR APPEARANCE. NOT MORE THAN ONE THIRD OF THE TOTAL BRANCHING SHALL BE REMOVED DURING A SINGLE OPERATION. THE SERVICES OF A CERTIFIED ARBORIST SHALL BE RETAINED FOR THIS TASK.

Work Within Protected Areas

1. EXCAVATION WORK:
  - TO ENSURE THE ROOTS ARE NOT DISTURBED MORE THAN NECESSARY AND WHERE EXCAVATION WORKS ARE UNAVOIDABLE WITHIN THE CRZ OF TREES, THE FOLLOWING MITIGATION MEASURES SHALL BE USED:
    - ALL EXCAVATION WITHIN THE CRZ OF TREES SHALL BE BY HAND OR HYDRO EXCAVATION USING THE SMALLEST TOOLS. ROOT CUTTING SHALL BE MADE USING A SHARP SPADE OR KNIFE AT THE LIMIT OF DISTURBANCE PRIOR TO ANY CONSTRUCTION ACTIVITIES.
    - THE CONTRACTOR SHALL ONLY TUNNEL OR BORE WITHIN THE CRZ, INSTEAD OF CREATING A TRENCH.
    - ANY ROOTS THAT ARE EXPOSED BY CONSTRUCTION ACTIVITIES MUST BE COVERED WITH NATIVE TOPSOIL IMMEDIATELY, TO ENSURE THAT THE ROOTS DO NOT DRY OUT OR HAVE ANY FURTHER DAMAGE OCCUR TO THEM.
  - IN ALL THOSE INSTANCES WHERE ROOT PRUNING IS REQUIRED, THE SERVICE OF A CERTIFIED ARBORIST OR QUALIFIED TREE WORKER UNDER THE SUPERVISION OF A CERTIFIED ARBORIST SHALL BE RETAINED. IN ADDITION, ALL REMEDIAL WORKS MUST BE CONDUCTED BY A CERTIFIED CARE PROFESSIONAL TO ENSURE PROPER CARE IS ADMINISTERED IN ORDER TO ENABLE THE CONTINUED HEALTH OF THE TREES.
2. GRADING WORK
  - WHERE RE-GRADING IS REQUIRED WITHIN THE CRZ, IT SHOULD BE PERFORMED BY HAND UNDER THE SUPERVISION OF A CERTIFIED ARBORIST.

Notes:

1. GROUPS OF TREES TO BE PROTECTED SHALL BE TREATED IN A LIKE MANNER WITH FENCING AROUND THE ENTIRE STAND(S).
2. PRUNE BRANCHES TO REMOVE DAMAGED OR OBJECTIONABLE BRANCHES. DO NOT PRUNE LEADERS.
3. TREE PROTECTION SHALL REMAIN UNTIL SUBSTANTIAL PERFORMANCE OF THE PROJECT.
4. IF TREES ARE BEING AFFECTED BY CONSTRUCTION, A WATER AND FERTILIZING PROGRAM WILL BE REQUIRED TO THE SATISFACTION OF THE CITY.



1 TEMPORARY TREE PROTECTION FENCE  
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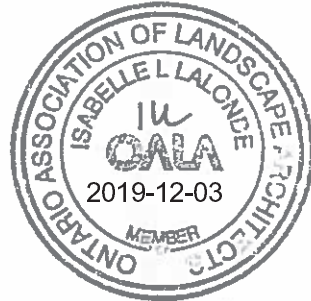
Legend

Notes

1. TOPOGRAPHIC SURVEY AND BENCHMARK COMPLETED BY STANTEC GEOMATICS LTD. DATED JUNE, 2019.
2. SITE PLAN PREPARED BY N45 ARCHITECTURE INC. DATED NOVEMBER, 2019.

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File Name:	160410203-LB	CTL	ILL 19.10.16
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Permit-Seal



Client/Project

ST. MARY'S COPTIC ORTHODOX CHURCH  
1 CANFIELD ROAD

PROPOSED ST. MARY'S COPTIC  
ORTHODOX CHURCH  
OTTAWA, ON

Title

TREE PRESERVATION DETAILS  
AND NOTES

Project No.	Scale
160410203	VARIES
Drawing No.	Sheet
	Revision

L300

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1



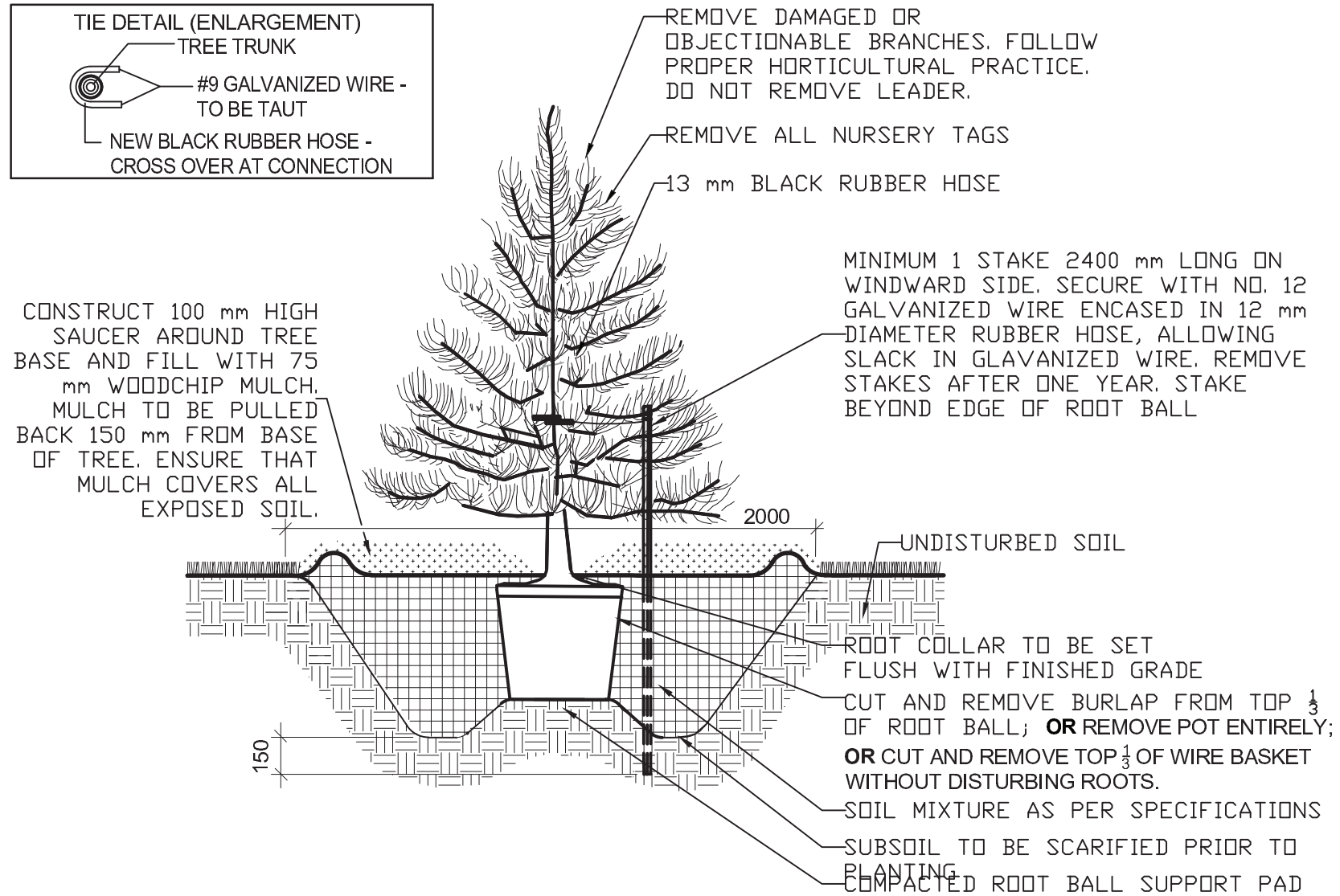
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2019/11/29 3:07 PM By: Load Corino

## LANDSCAPE PLAN NOTES

1. REFER TO ENGINEERING DRAWINGS FOR PROPOSED GRADING.
2. REFER TO ENGINEERING DRAWINGS FOR PROPOSED SITE SERVICING.
3. EXISTING VEGETATED AREAS ON ADJACENT PROPERTIES SHALL REMAIN AND BE PROTECTED BEFORE, DURING, AND AFTER CONSTRUCTION.
4. SOD SHALL BE KENTUCKY BLUEGRASS SOD INSTALLED OVER 135mm OF TOPSOIL. SOD SHALL BE INSTALLED THROUGHOUT WITHIN LIMIT OF WORK AND IN ALL DISTURBED AREAS OUTSIDE THE LIMIT OF WORK EXCEPT WHERE INDICATED. SOD SHALL BE INSTALLED AS PER OPSS 803.
5. CONTRACTOR TO LOCATE AND STAKE ALL UTILITIES PRIOR TO ANY WORK ON THE SITE. DO NOT PLANT DIRECTLY ABOVE UNDERGROUND UTILITIES. REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT FOR DIRECTION.
6. NO TREES SHALL BE PLANTED UNDER OVERHEAD WIRES.
7. THE LANDSCAPE ARCHITECT MAY ADJUST THE LOCATION OF PLANTING PRIOR TO PLANTING TO MINIMIZE CONFLICTS WITH UTILITIES, DRIVEWAYS AND INTERSECTION VISIBILITY.
8. CONTRACTOR SHALL SUPPLY ALL MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE WORK SHOWN ON THESE DRAWINGS. ANY DISCREPANCIES SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT FOR DIRECTION.
9. DO NOT MAKE SUBSTITUTIONS OF MATERIALS, PRODUCTS OR QUANTITIES WITHOUT PRIOR WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT.
10. THE CONTRACTOR TO MAKE GOOD TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT ANY AREAS DAMAGED BY THE WORK.
11. UPON THE COMPLETION OF WORK EACH DAY, REMOVE ALL DEBRIS, GARBAGE AND SURPLUS MATERIALS FROM THE SITE. KEEP THE SITE CLEAN AND USEABLE AT ALL TIMES.
12. ALL WORKMANSHIP AND MATERIALS (INCLUDING PLANTS) TO BE GUARANTEED FOR ONE FULL YEAR FOLLOWING FINAL ACCEPTANCE OF THE PROJECT BY THE LANDSCAPE ARCHITECT.
13. THE CONTRACTOR SHALL REMOVE ALL T-BAR AND WOODEN TREE STAKES PRIOR TO ASSUMPTION BY THE OWNER.
14. AT THE TIME OF INSPECTION FOR ACCEPTANCE ALL TREE PITS SHALL BE CULTIVATED, FREE OR WEEDS, LEAVES, BROKEN BRANCHES AND DEBRIS.

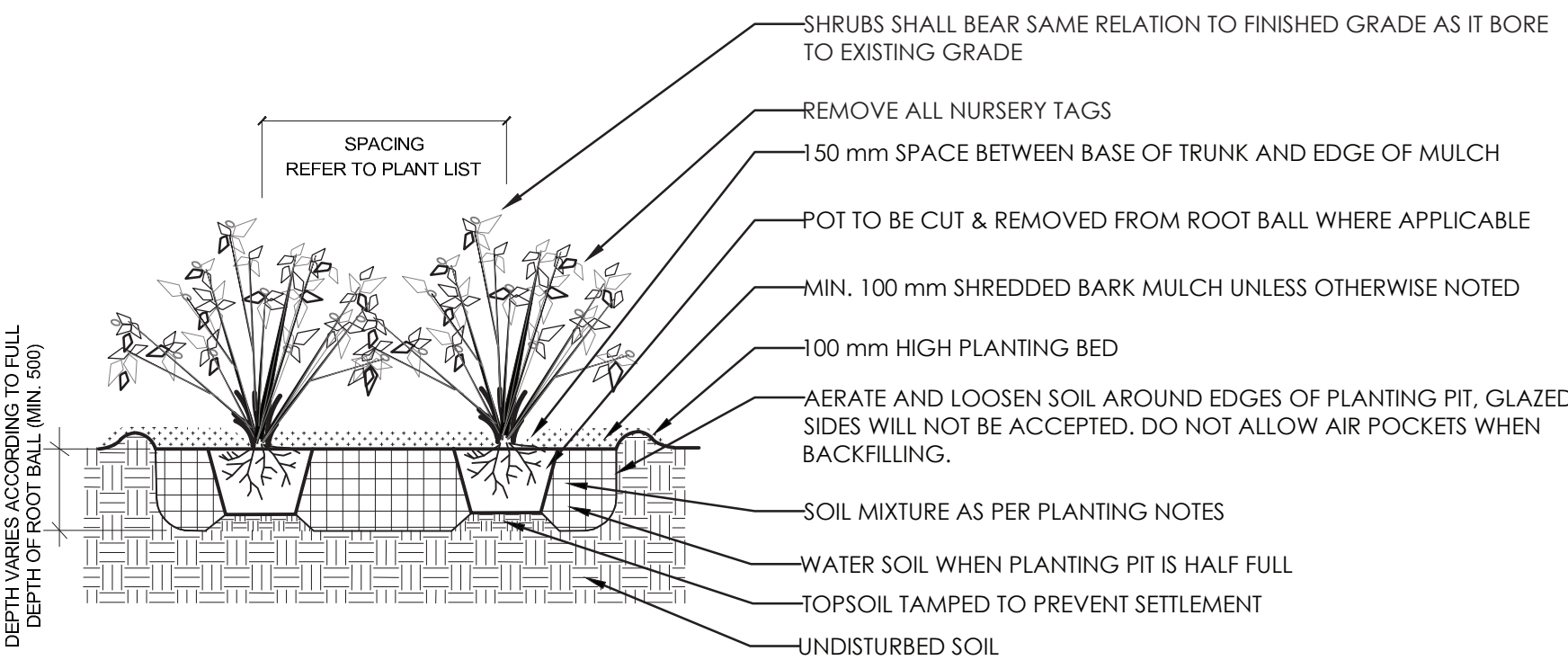
## PLANTING NOTES

1. THE DETAILS ON THIS SHEET DO NOT REPRESENT ANY PARTICULAR SPECIES.
2. TREES AND SHRUBS AS INDICATED IN THE DETAILS REPRESENT BOTH CONIFEROUS AND DECIDUOUS SPECIES.
3. MATERIAL PLANTED IN GROUP SHALL BE SET IN CONTINUOUS PLANTING BEDS.
4. CENTRE LINE OF SHRUBS SHALL NOT BE CLOSER THAN 2.4m FROM BUILDING FACE TO PROTECT BUILDING FOOTINGS AND INSULATION.
5. PRUNING - TO SUIT SPECIES - PRUNE BRANCHES BY 1/3 TO REMOVE DAMAGED OR OBJECTIONABLE BRANCHES FOLLOWING PROPER HORTICULTURAL PRACTICE. DO NOT PRUNE LEADERS.
6. FIRMLY COMPACT BACKFILLED PLANTING MIXTURE TO ELIMINATE AIR POCKETS OR PREVENT SETTLEMENT.
7. PLANTING MATERIAL QUALITY STANDARDS:
  - ALL PLANT MATERIALS TO CONFORM TO THE CANADIAN NURSERY LANDSCAPE ASSOCIATION FOR VARIETY, SIZE AND CONDITION;
  - PLANT MATERIAL COLLECTED FROM WILD SOURCES WILL NOT BE ACCEPTED;
  - LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ACCEPTANCE OF ANY PLANT DISPLAYING POOR GROWTH HABITS, INJURY OR DISEASE;
  - ANY PLANTS THAT DO NOT CONFORM TO THE ABOVE STANDARDS WILL BE PROMPTLY REMOVED FROM THE SITE BY THE CONTRACTOR AND REPLACED WITH MATERIAL OF ACCEPTABLE QUALITY AT NO ADDITIONAL COST TO THE PROJECT.
8. TOPSOIL:
  - SOIL TEXTURE BASED ON THE CANADIAN SYSTEM OF SOIL CLASSIFICATION TO CONSIST OF:
    - CLAY: 14-20%
    - SILT: 0-35%
    - SAND: 45-70%
    - ORGANIC MATERIAL: 4-10%
    - pH: 6-8
  - SPREAD TOPSOIL TO FOLLOWING MINIMUM DEPTHS AFTER SETTLEMENTS UNLESS OTHERWISE NOTED ON DETAILS:
    - 300mm FOR PERENNIALS
    - 500mm FOR SHRUB BEDS
    - 1000mm FOR TREE PLANTING
9. MULCH:
  - MULCH SHALL BE SHREDDED WOOD VARYING IN SIZE FROM 25-125mm IN LENGTH FROM CONIFEROUS TREES.



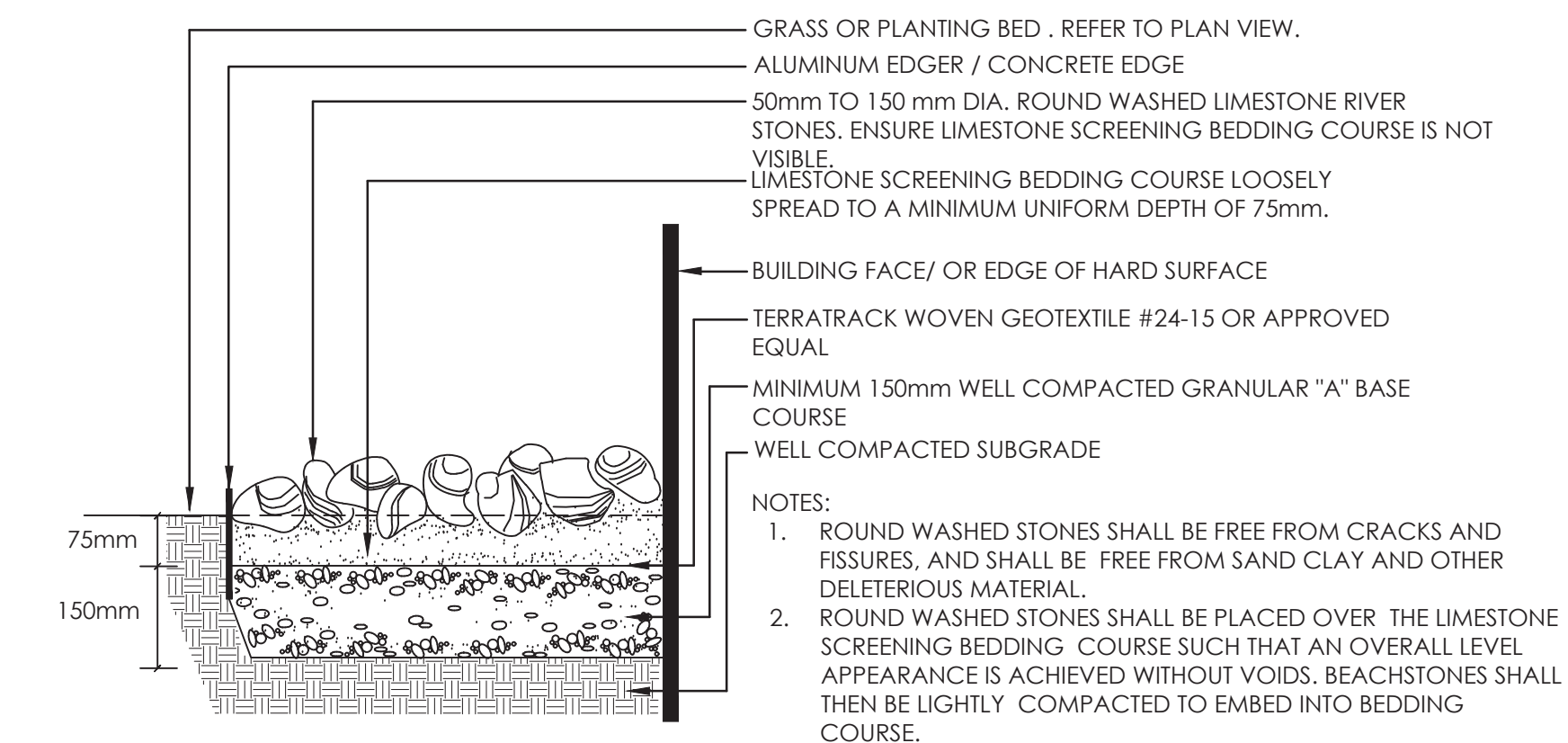
## 1 CONIFEROUS TREE PLANTING

N.T.S.



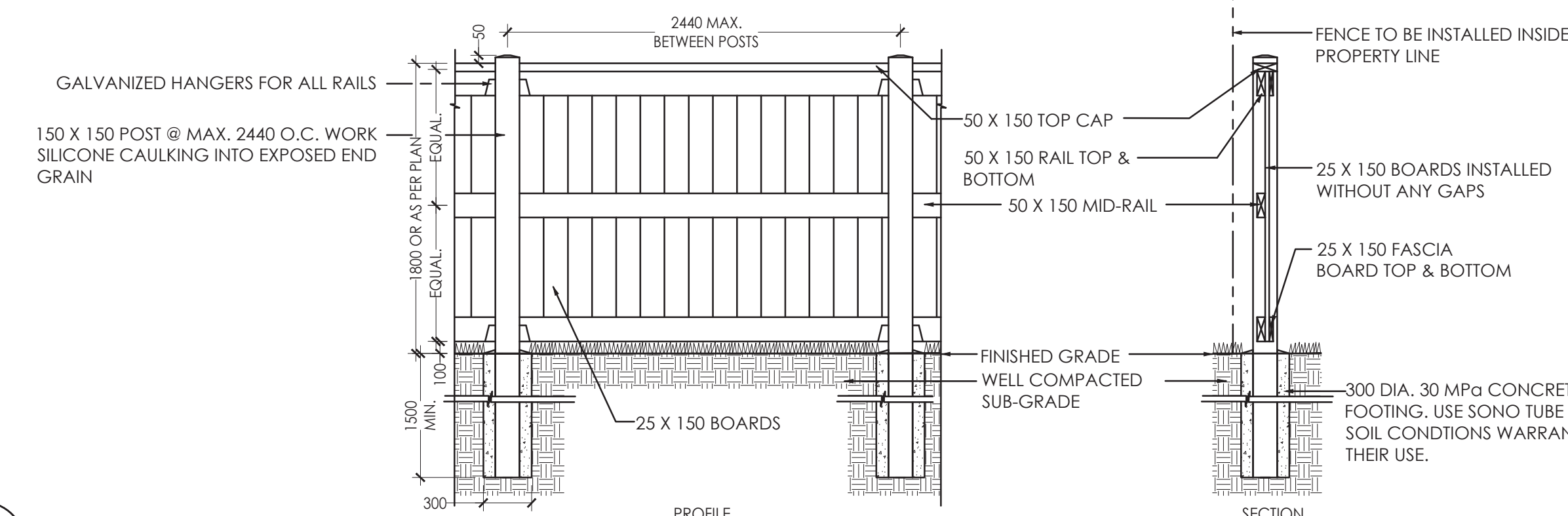
## 3 SHRUB PLANTING

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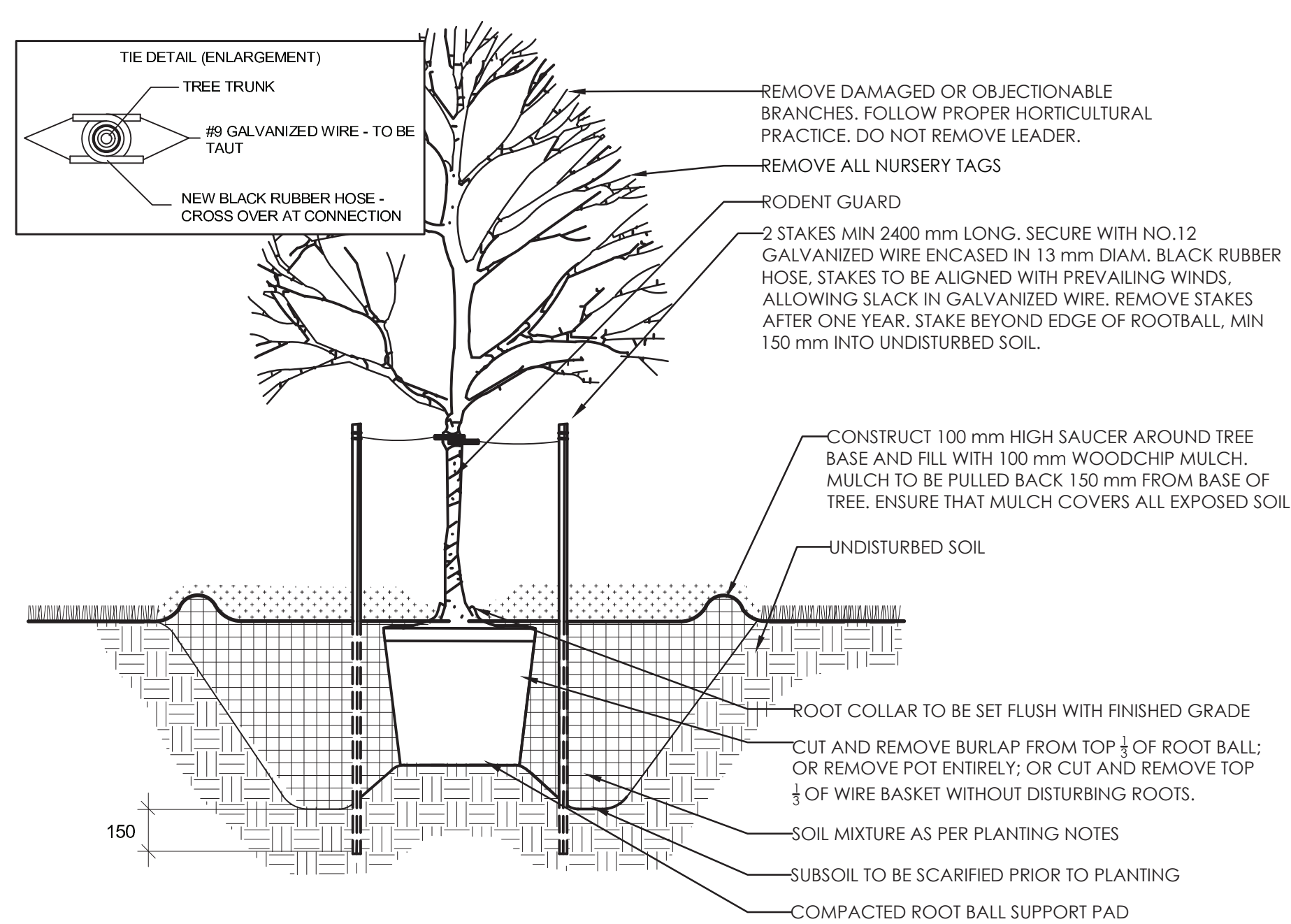
## 5 RIVERWASHED STONES

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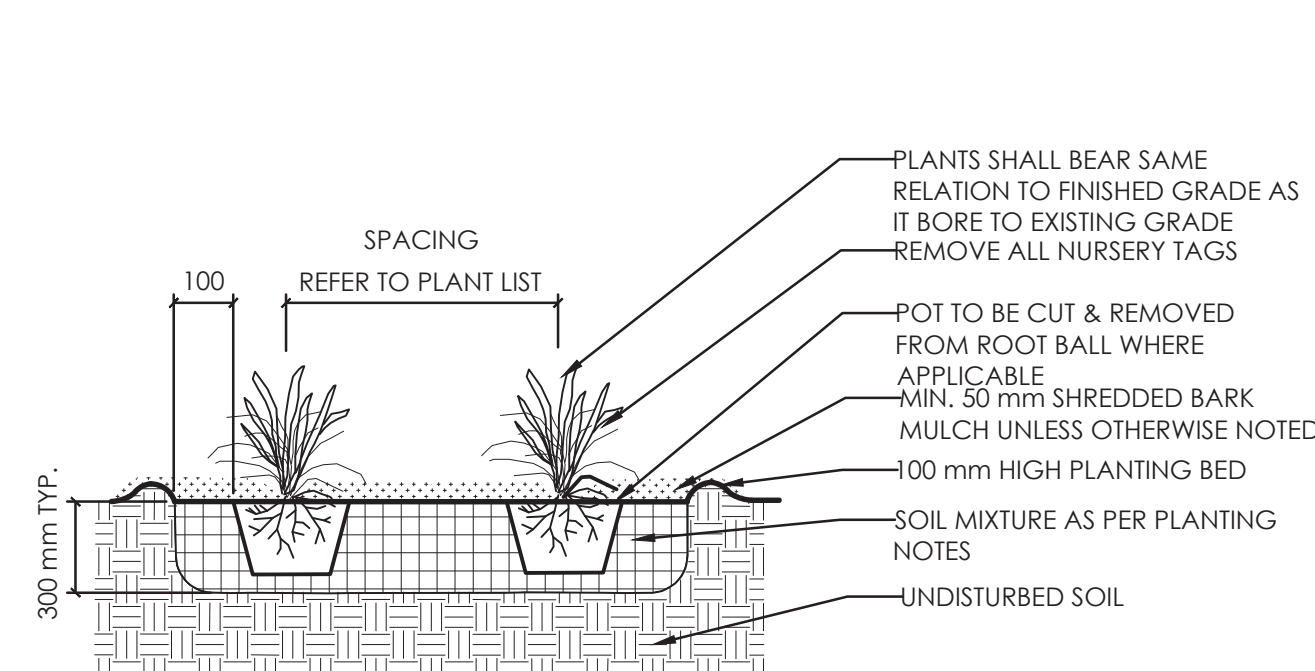
## 6 BOARD ON BOARD WOODEN FENCE

N.T.S.



## 2 DECIDUOUS TREE PLANTING

N.T.S.



## 4 PERENNIAL AND GRASSES PLANTING

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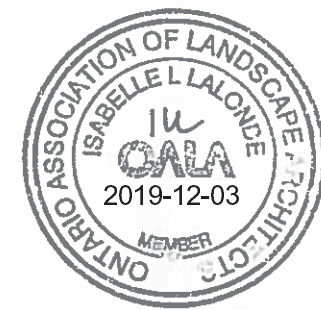
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### Permit-Seal



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ST. MARY'S COPTIC ORTHODOX CHURCH  
1 CANFIELD ROAD

PROPOSED ST. MARY'S COPTIC  
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LANDSCAPE DETAILS  
AND NOTES

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160410203	VARIES
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