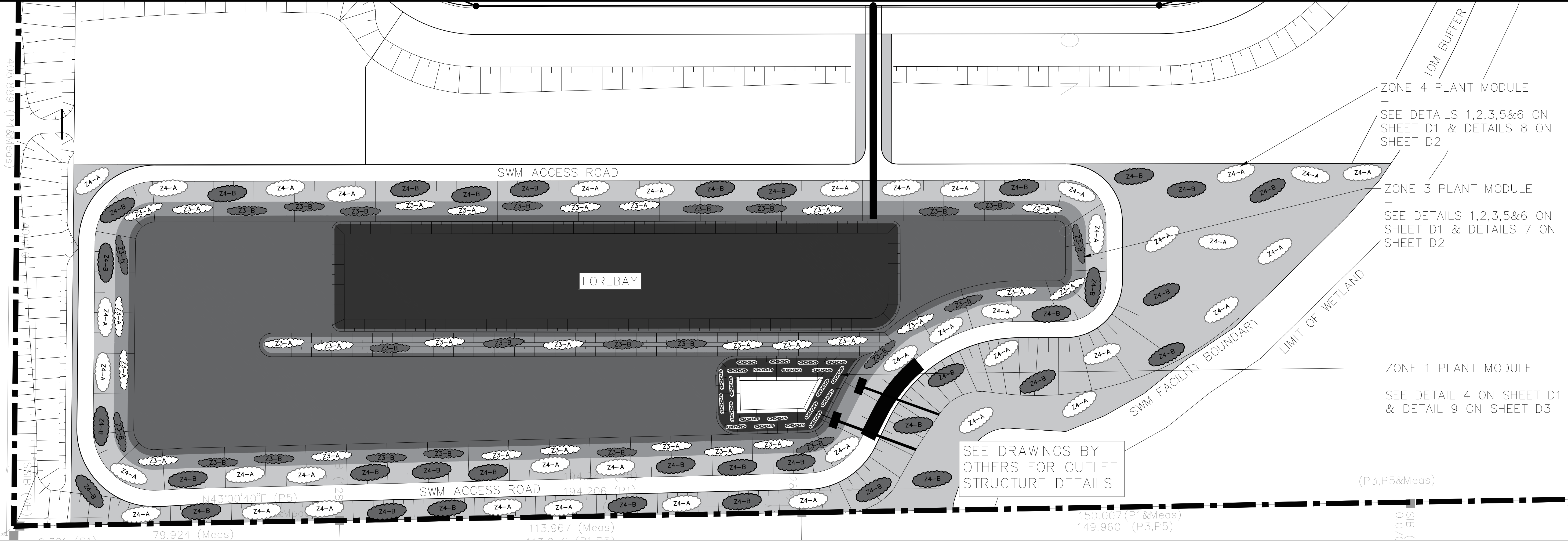




LEGEND

Zone 1 Module

Zone 3 Module

Zone 4 Module

Zone 1

Zone 2 – Seed Mix Application Area

Zone 3 – Seed Mix Application Area

Zone 4 – Seed Mix Application Area

TABLE 1

MASTER PLANTING LIST						
Quantity	Code	Scientific Name	Common Name	Size	Condition	Spacing
Trees - Container						
102	n/a	<i>Acer rubrum</i>	Red Maple	2 gallon	CONTAINER	1.5M O.C.
120	n/a	<i>Acer saccharum</i>	Sugar Maple	2 gallon	CONTAINER	1.5M O.C.
84	n/a	<i>Betula alleghaniensis</i>	Yellow Birch	2 gallon	CONTAINER	1.5M O.C.
120	n/a	<i>Betula papyrifera</i>	White Birch	2 gallon	CONTAINER	1.5M O.C.
72	n/a	<i>Carya cordiformis</i>	Bitternut hickory	2 gallon	CONTAINER	1.5M O.C.
102	n/a	<i>Populus balsamifera</i>	Balsam Poplar	2 gallon	CONTAINER	1.5M O.C.
72	n/a	<i>Populus tremuloides</i>	Trembling Aspen	2 gallon	CONTAINER	1.5M O.C.
48	n/a	<i>Thuja occidentalis</i>	Eastern White Cedar	2 gallon	CONTAINER	1.5M O.C.
80	n/a	<i>Tilia americana</i>	Basswood	2 gallon	CONTAINER	1.5M O.C.
800	Total Container Trees					
Shrubs						
68	n/a	<i>Cornus amomum</i>	Silky Dogwood	2 gallon	CONTAINER	1M O.C.
96	n/a	<i>Cornus racemosa</i>	Gray Dogwood	2 gallon	CONTAINER	1M O.C.
228	n/a	<i>Cornus sericea</i>	Red-osier Dogwood	2 gallon	CONTAINER	1M O.C.
160	n/a	<i>Rhus typhina</i>	Staghorn Sumac	2 gallon	CONTAINER	1M O.C.
56	n/a	<i>Ribes americanum</i>	Wild Black Currant	2 gallon	CONTAINER	1M O.C.
160	n/a	<i>Rubus occidentalis</i>	Black Raspberry	2 gallon	CONTAINER	1M O.C.
96	n/a	<i>Rubus odoratus</i>	Purple Flowering Raspberry	2 gallon	CONTAINER	1M O.C.
68	n/a	<i>Salix discolor</i>	Pussy Willow	2 gallon	CONTAINER	1M O.C.
56	n/a	<i>Sambucus canadensis</i>	Common Elderberry	2 gallon	CONTAINER	1M O.C.
96	n/a	<i>Sambucus racemosa</i>	Red Elderberry	2 gallon	CONTAINER	1M O.C.
56	n/a	<i>Viburnum opulus var. americanum</i>	American Highbush Cranberry	2 gallon	CONTAINER	1M O.C.
1140	Total Shrubs					
Herbaceous						
66	n/a	<i>Elodea canadensis</i>	Broad Waterweed	submergent	PLUG	0.5M O.C.
66	n/a	<i>Nuphar variegata</i>	Pond-lily	floating-leaf	CONTAINER	0.5M O.C.
66	n/a	<i>Nymphaea odorata</i>	Fragrant Water-lily	floating-leaf	CONTAINER	0.5M O.C.
66	n/a	<i>Potamogeton natans</i>	Floating Pondweed	floating-leaf	PLUG	0.5M O.C.
66	n/a	<i>Stuckenia pectinata</i>	Sago Pondweed	submergent	PLUG	0.5M O.C.
330	Total Herbaceous					

TABLE 3

ZONE 1				
TOTAL MODULES	QTY/MODULE	Botanical Name	Common Name	SPACING
22	3	<i>Elodea canadensis</i>	Broad Waterweed	0.50M O.C.
	3	<i>Stuckenia pectinata</i>	Sago Pondweed	0.50M O.C.
	3	<i>Nuphar variegata</i>	Pond-lily	0.50M O.C.
	3	<i>Nymphaea odorata</i>	Fragrant Water-lily	0.50M O.C.
TOTAL PLANTS PER MODULE		15		

TABLE 4

ZONE 3				
TOTAL MODULES	QTY/MODULE	Botanical Name	Common Name	SPACING
28	3	<i>Betula alleghaniensis</i>	Yellow Birch	1.5M O.C.
	3	<i>Thuja occidentalis</i>	Eastern White Cedar	1.5M O.C.
	2	<i>Ribes americanum</i>	American Black Currant	1M O.C.
	2	<i>Sambucus canadensis</i>	Common Elderberry	1M O.C.
TOTAL PLANTS PER MODULE		12		
35	3	<i>Acer rubrum</i>	Red Maple	1.5M O.C.
	3	<i>Populus balsamifera</i>	Balsam Poplar	1.5M O.C.
	2	<i>Cornus amomum</i>	Silky Dogwood	1M O.C.
	2	<i>Cornus sericea</i>	Red Osier Dogwood	1M O.C.
	2	<i>Salix discolor</i>	Pussy Willow	1M O.C.
	2	<i>Viburnum opulus var. americanum</i>	American Highbush Cranberry	1M O.C.
TOTAL PLANTS PER MODULE		12		

TABLE 5

ZONE 4				
TOTAL MODULES	QTY/MODULE	Botanical Name	Common Name	SPACING
40	3	<i>Acer saccharum</i>	Sugar Maple	1.5M O.C.
	2	<i>Betula papyrifera</i>	White Birch	1.5M O.C.
	2	<i>Villia americana</i>	Basswood	1.5M O.C.
	4	<i>Cornus sericea</i>	Red Osier Dogwood	1M O.C.
	4	<i>Rhus typhina</i>	Staghorn Sumac	1M O.C.
	4	<i>Rubus occidentalis</i>	Black Raspberry	1M O.C.
TOTAL PLANTS PER MODULE		20		
24	3	<i>Carya cordiformis</i>	Bitternut hickory	1.5M O.C.
	3	<i>Populus tremuloides</i>	Trembling Aspen	1.5M O.C.
	2	<i>Thuja occidentalis</i>	Eastern White Cedar	1.5M O.C.
	4	<i>Rubus odoratus</i>	Purple Flowering Raspberry	1M O.C.
	4	<i>Cornus racemosa</i>	Gray Dogwood	1M O.C.
	4	<i>Sambucus racemosa</i>	Red Elderberry	1M O.C.
TOTAL PLANTS PER MODULE		20		

TABLE 6

MODULE QUANTITIES - TOTAL	
	22
ZONE 3	62
ZONE 4	64

NOTE 1: GENERAL

- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE WRITTEN SPECIFICATIONS FOR THE PROJECT AND ALL OTHER DRAWINGS AND DETAILS.
- ANY AMBIGUITY IN THESE DRAWINGS IS TO BE REPORTED TO THE LANDSCAPE ARCHITECT. CONTRACTOR IS NOT TO PROCEED IN UNCERTAINTY.
- CONTRACTOR SHALL VISIT THE SITE TO CONFIRM ALL SITE CONDITIONS PRIOR TO SUBMITTING BIDS. DISCREPANCIES TO BE REPORTED TO THE LANDSCAPE ARCHITECT FOR CLARIFICATION.
- UPON COMPLETION EACH DAY, REMOVE ALL DEBRIS, GARBAGE AND SURPLUS MATERIAL FROM THE SITE. KEEP THE SITE CLEAN AND USABLE AT ALL TIMES.
- CONTRACTOR SHALL SUPPLY ALL PLANTS AND MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE WORK SHOWN ON SHEET L1..
- PLANT MATERIALS COLLECTED FROM WILD SOURCES WILL NOT BE ACCEPTED. THE CONTRACT ADMINISTRATOR MAY REQUIRE THAT SUPPLIER'S INVOICES FOR PLANT MATERIALS BE SUBMITTED FOR INSPECTION.
- ANY SUBSTITUTION OF PLANT MATERIAL WILL REQUIRE THE WRITTEN APPROVAL OF LANDSCAPE ARCHITECT.
- THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ACCEPTANCE OF ANY PLANT DISPLAYING POOR GROWTH HABITS, INJURY OR DISEASE. ANY PLANT MATERIAL THAT IS REJECTED BY THE LANDSCAPE ARCHITECT WILL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT.

NOTE 2: PLANTING

- LAYOUT OF PLANT MATERIAL TO BE EXECUTED BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- PLANTING SHALL TAKE PLACE WITHIN 7 DAYS OF COMPLETION OF FINAL GRADING. IF PLANTING CANNOT TAKE PLACE IN THIS PERIOD, A TEMPORARY COVER CROP (TO BE APPROVED BY LANDSCAPE ARCHITECT) SHALL BE SEEDDED.
- ALL PLANTS SHALL BE PLANTED IN ACCORDANCE WITH THE APPROPRIATE PLANTING DETAILS ON THE DRAWINGS AND WRITTEN SPECIFICATIONS.
- ALL PLANTS ARE TO BE PLANTED IN 600MM APPROVED TOP SOIL, SCREENED AND FREE FROM WEEDS, SUBSOIL, ROOTS, STONES, LUMPS OF CLAY AND TOXIC MATERIAL AND IN ACCORDANCE WITH MUNICIPAL GUIDELINES FOR SCREENED TOPSOIL COMPOSITION.
- PLANT SO THAT NURSERY SOIL LINE MATCHES FINISHED GRADE AFTER SETTLING.
- GENTLY TAMP TOPSOIL WHEN BACKFILLING TO REMOVE AIR POCKETS.
- BUILD A SOIL SAUCER AROUND OUT EDGE OF PLANTING HOLE. SAUCER SHALL BE SOAKED WITH WATER AND COVERED WITH MULCH IMMEDIATELY FOLLOWING PLANTING.
- ALL INDIVIDUAL TREE WHIPS AND SHRUBS ARE TO BE MULCHED USING SHREDED BARK MULCH AS PER DETAILS AND PLANTING SPECIFICATIONS.
- ALL PLANTS TO BE TREATED WITH RODENT REPELLENT AS PER SPECIFICATIONS.
- INSTALL PLASTIC PERFORATED SPIRALED STRIP TRUNK PROTECTION ON ALL

DECIDUOUS TREES AS PER DETAILS AND SPECIFICATIONS.

- REMOVE ALL NURSERY TAGS, METAL OR PLASTIC BINDINGS, AND VINE SUPPORTS.
- ALL PLANTS ARE TO RECEIVE MAINTENANCE IN ACCORDANCE WITH WRITTEN SPECIFICATIONS THROUGHOUT THE WARRANTY PERIOD.
- FOLLOW-UP REPLACEMENT PLANTINGS WILL BE REQUIRED FOR ALL TREES AND/OR SHRUBS THAT DO NOT SURVIVE.

NOTE 3: SEEDING

- ALL AREAS OF DISTURBANCE WITHIN SWM AREA TO BE SEEDED. THESE AREAS, ACCORDING TO THE LIMITS OF GRADING, ARE: **24120m²**
- AREA FOR PAYMENT SHALL BE SURVEYED ON SITE BY THE CONTRACTOR AND APPROVED BY LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL FOLLOW OPSS/MUNI 804: CONSTRUCTION SPECIFICATION FOR SEED AND COVER (METRIC VERSION) WITH SPECIAL PROVISION FOR SEED MIX PROVIDED FOR A. COVER CROP, B. ZONE 2 SEED MIX, C. ZONE 3 SEED MIX, AND D. ZONE 4 SEED MIX (SHOWN ON THIS SHEET). ANY SUBSTITUTION OF SEED MATERIAL WILL REQUIRE THE WRITTEN APPROVAL OF LANDSCAPE ARCHITECT.
- ALL SEEDING TO BE COMPLETED BEFORE INUNDATION OF SWM FACILITY.
- ALL HYDROSEEDING TO BE COMPLETED PRIOR TO PROCEEDING WITH THE PLANTING WORKS.
- SHOULD PLANTS ALREADY BE INSTALLED PRIOR TO SEEDING, AN ALTERNATIVE SEEDING METHOD TO HYDROSEEDING MUST BE USED. CONFIRM

ALTERNATE SEEDING METHOD WITH LANDSCAPE ARCHITECT PRIOR TO COMMENCING SEEDING.

No. Date	Description	
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Revisions

SWM PLANTING PLAN – SOUTH

Project:ST. DAVID'S

Client: POLOCORP INC.

3–7 Edinburgh Rd South, Guelph, ON N1H 5N8
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North
Date: 2025/02/20

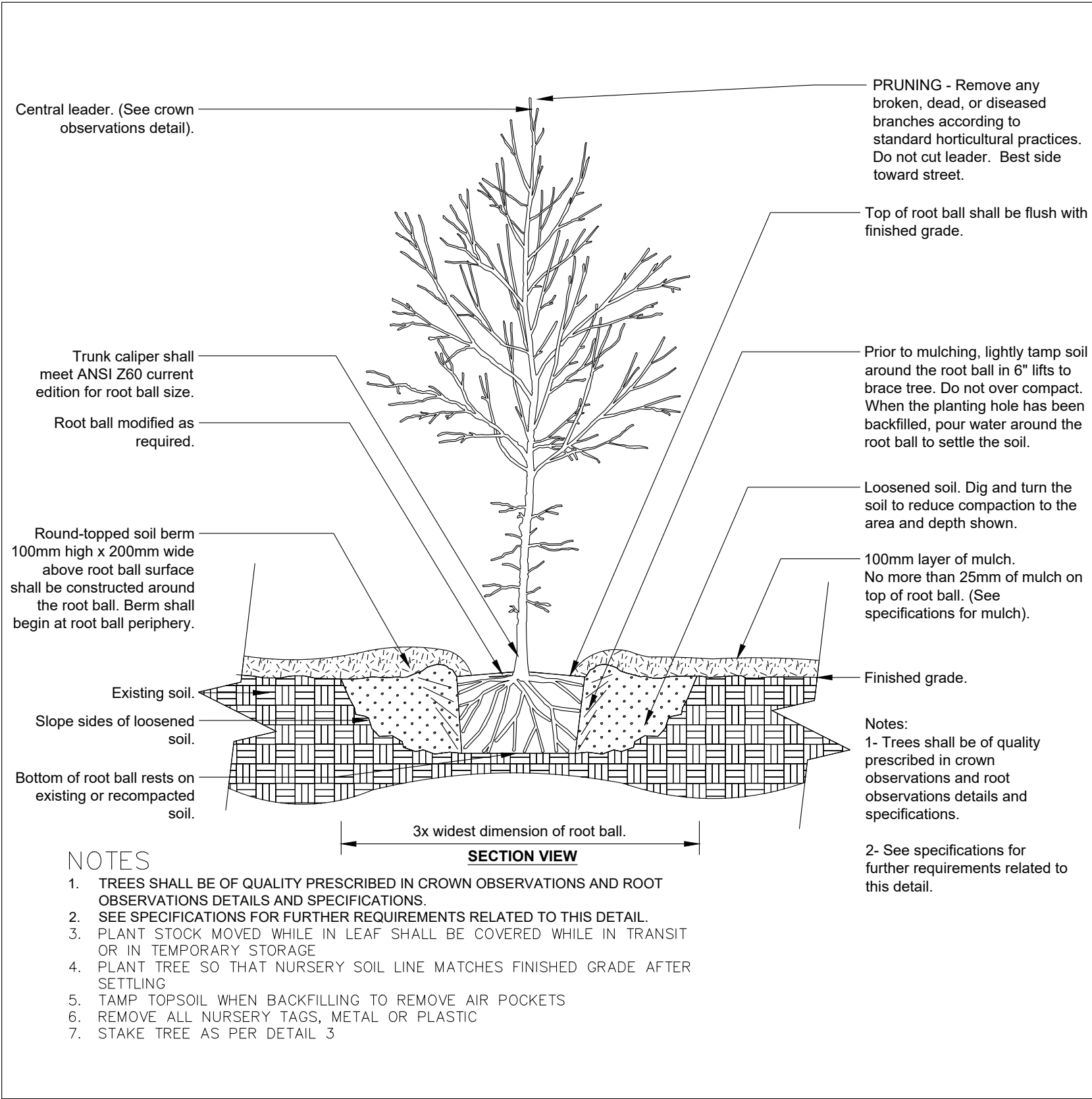
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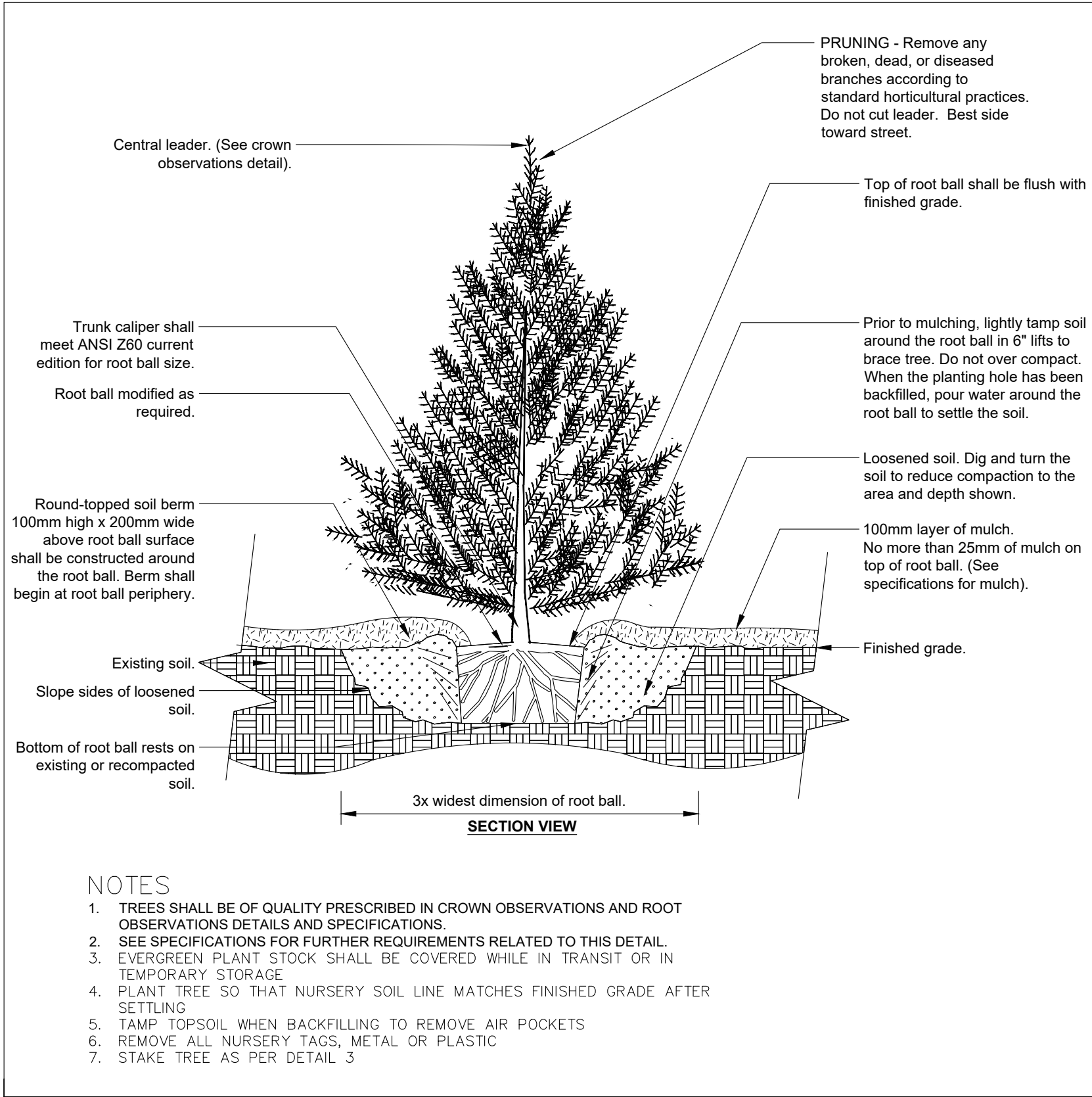
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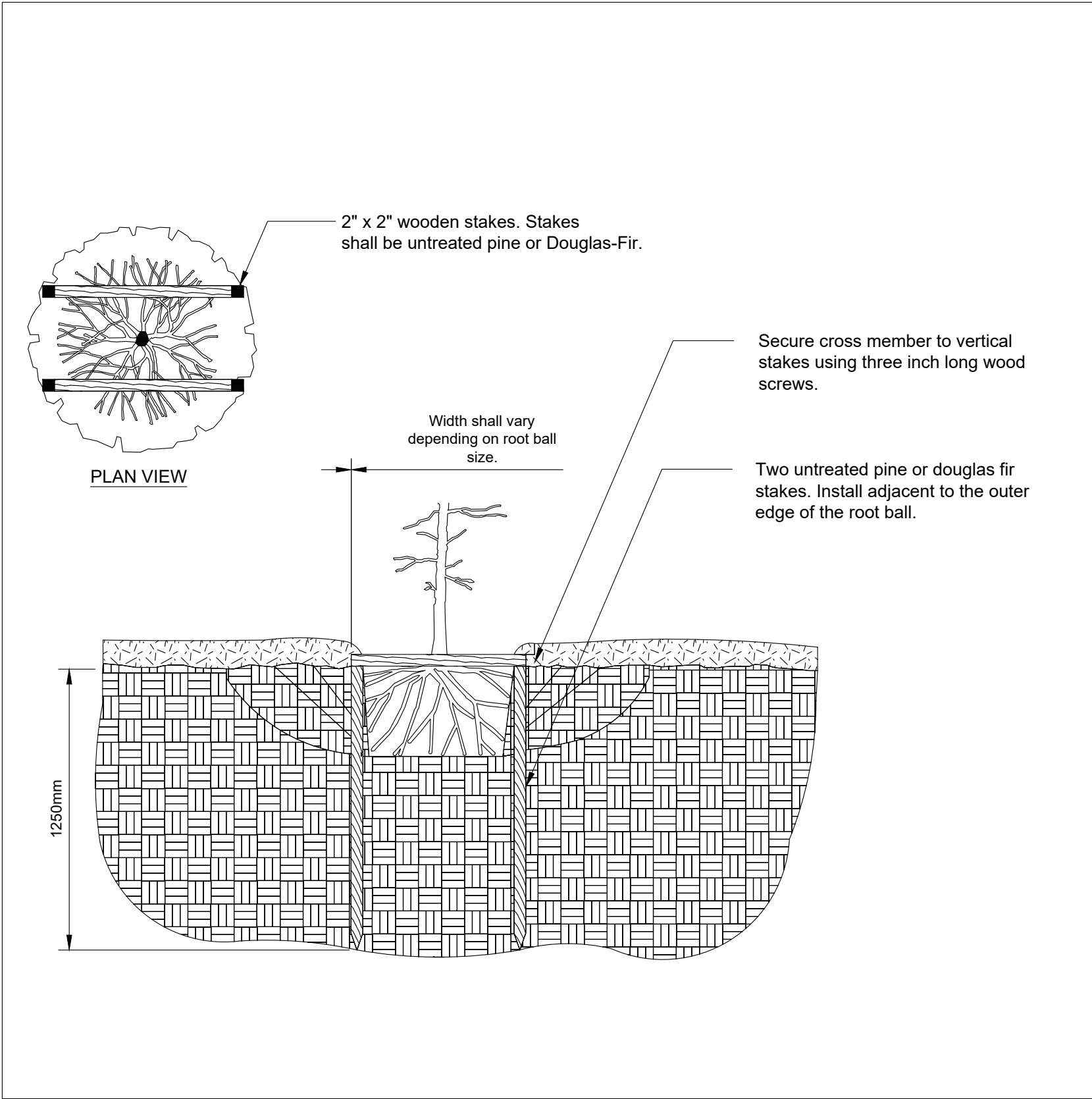
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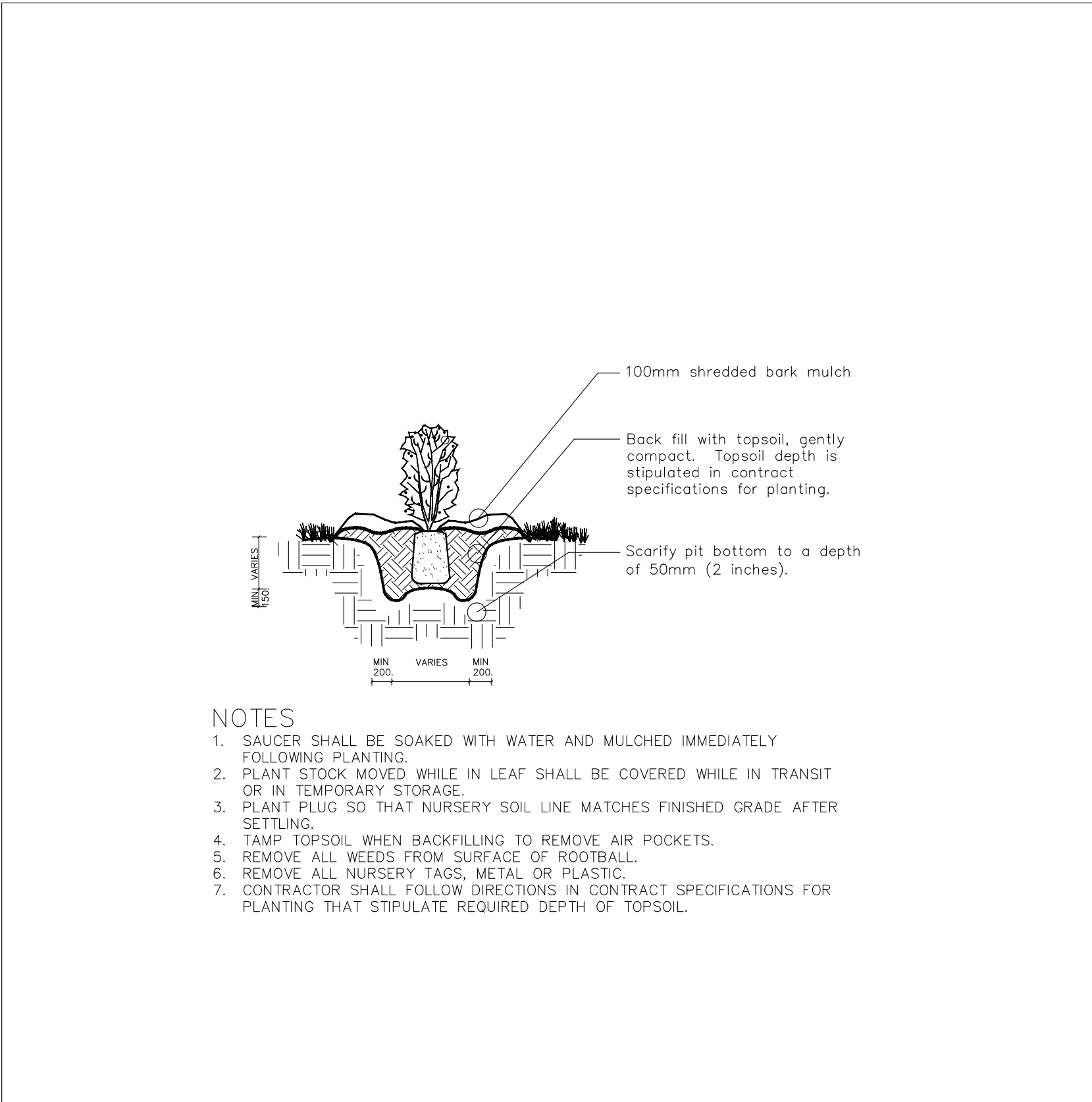
1 DECIDUOUS TREE – TYPICAL
N.T.S.



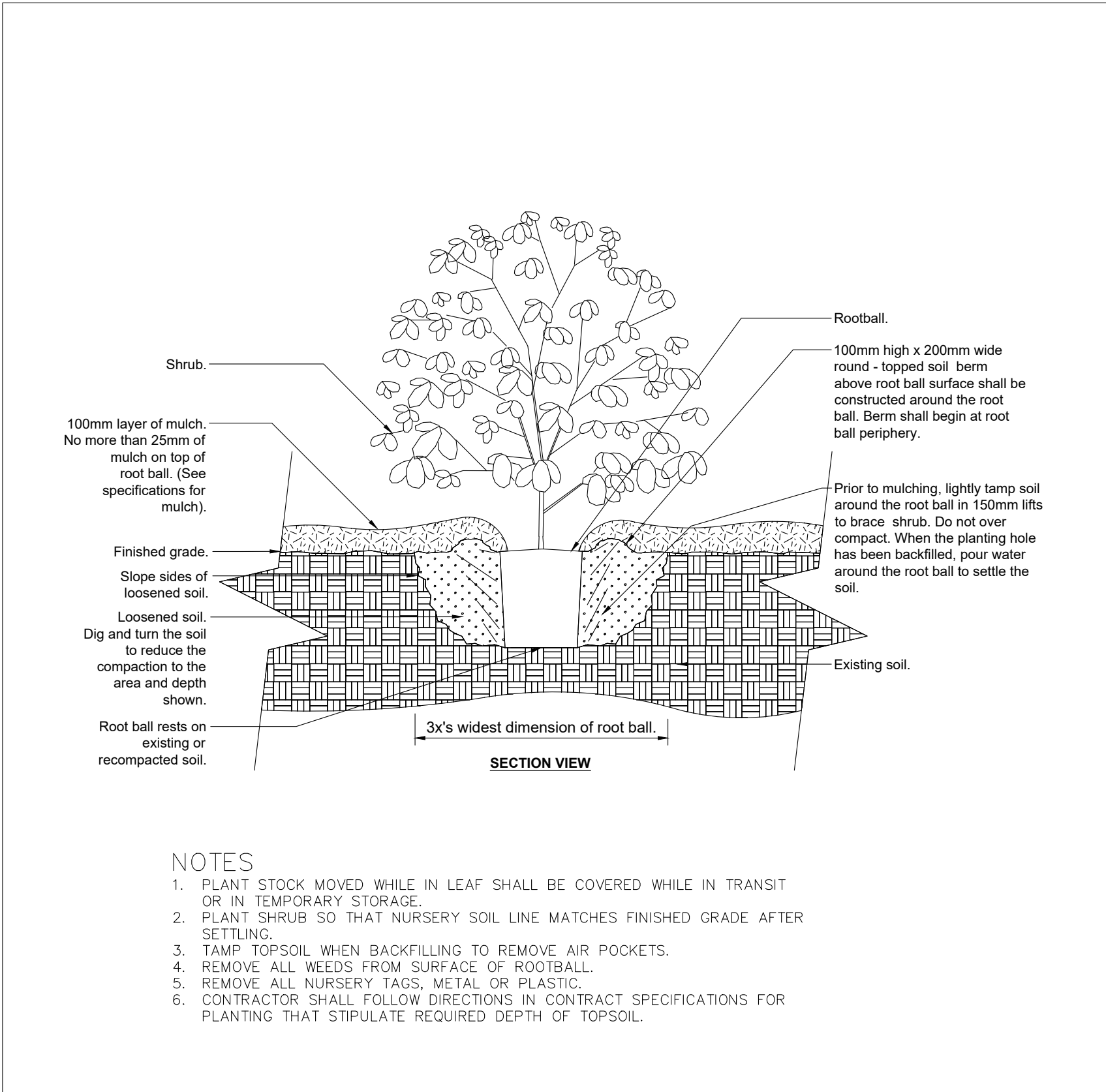
2 CONIFEROUS TREE – TYPICAL
N.T.S.



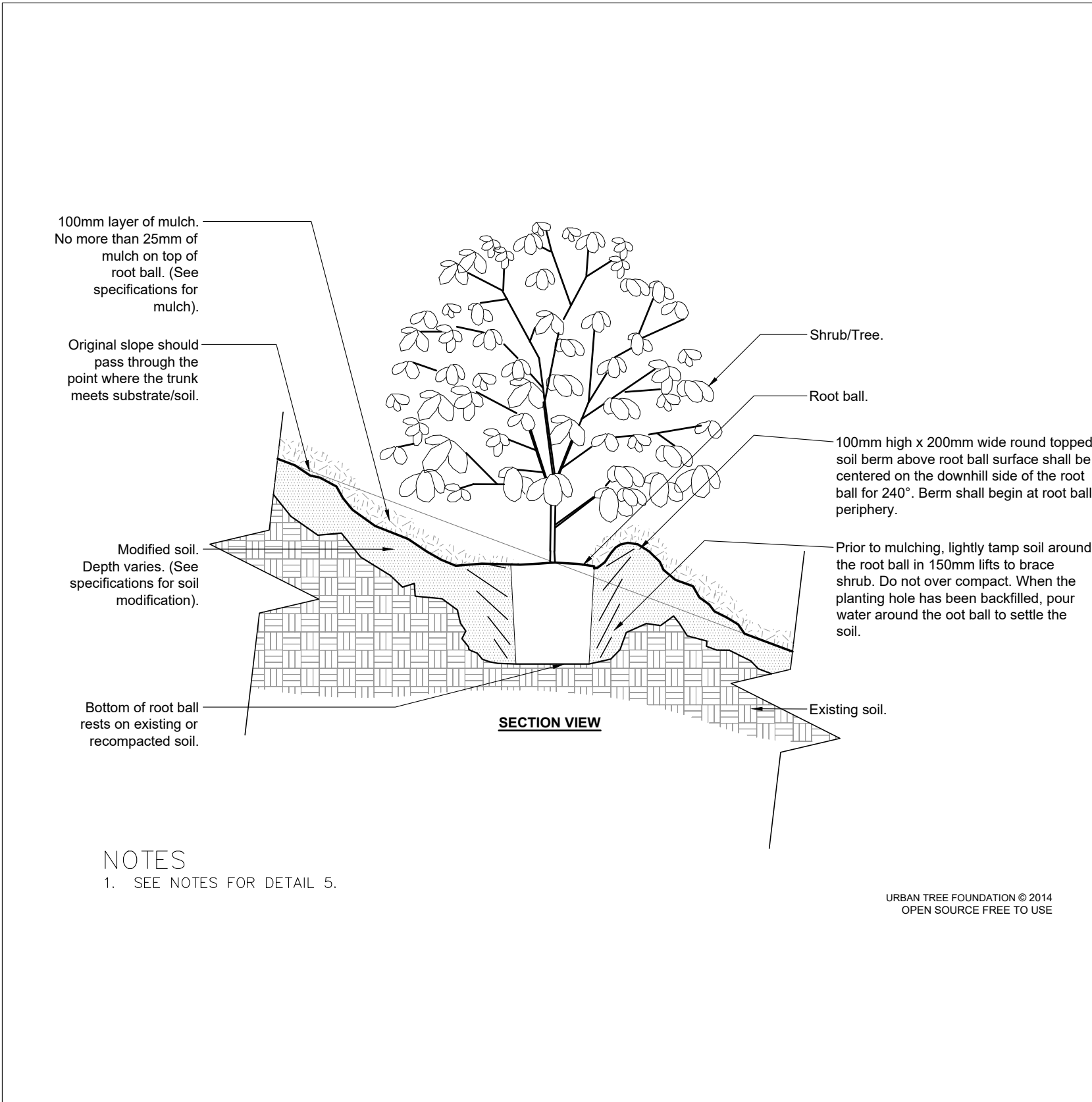
3 TREE STAKING – STAPLE
N.T.S.



4 HERBACEOUS PLUG PLANTING – TYPICAL
N.T.S.



5 SHRUB & TREE WHIP– TYPICAL
N.T.S.



6 SHRUB & TREE WHIP ON SLOPE 5% (20:1) TO 50% (2:1)
N.T.S.

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No. Date	Description	

Revisions

PLANTING DETAILS

Project:ST. DAVID'S

Client: POLOCORP INC.

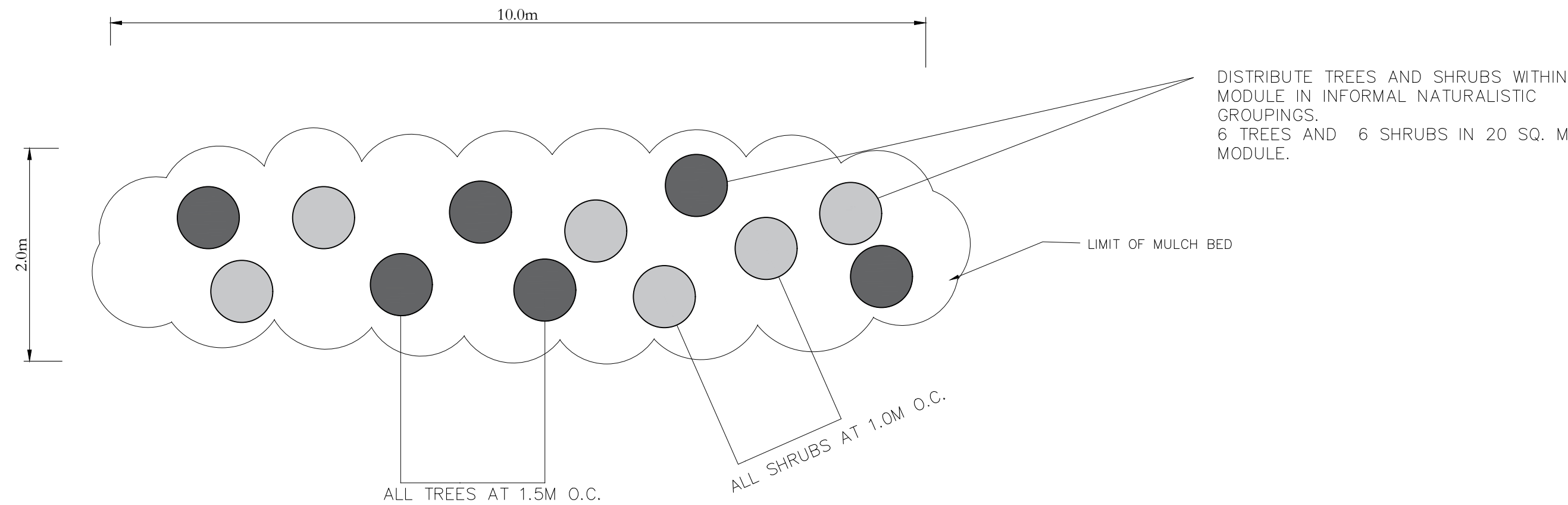


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Figure Number:

D1

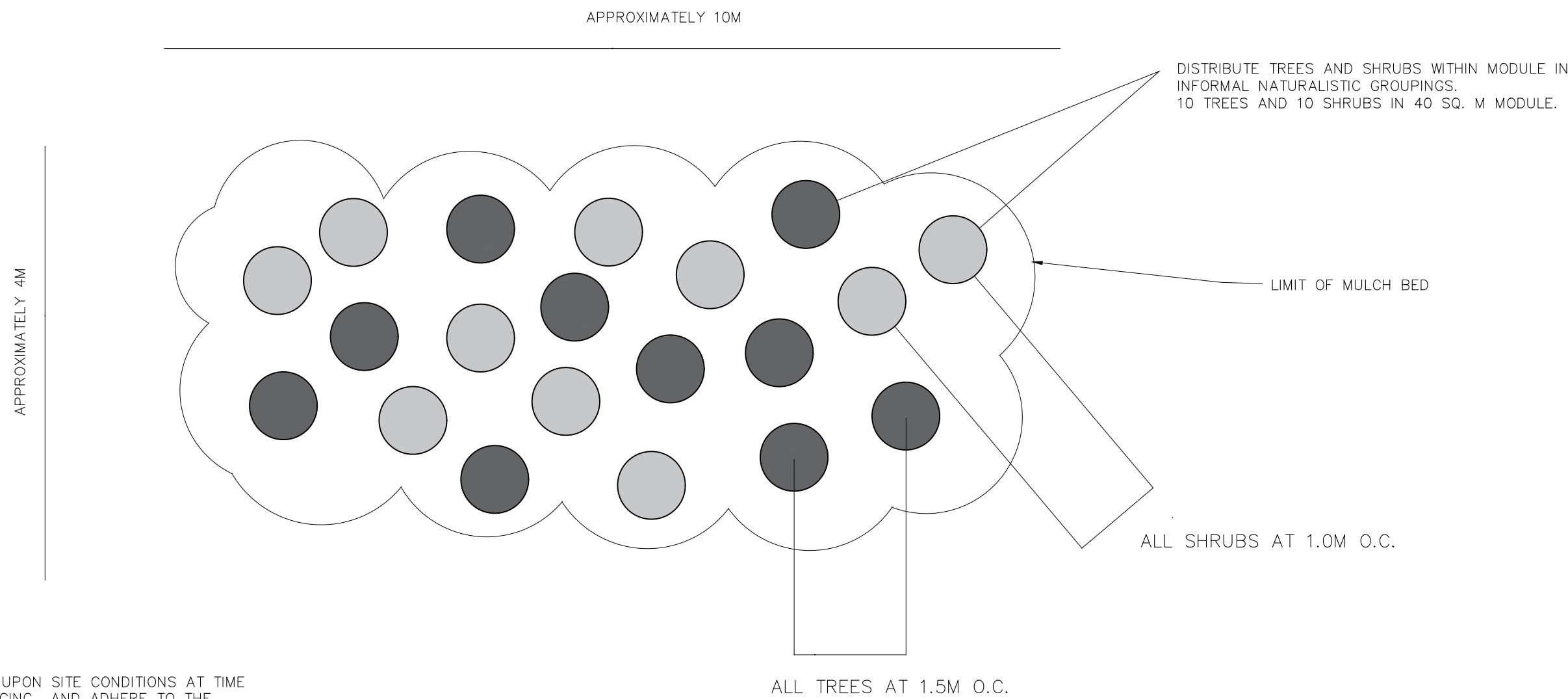
PLAN VIEW OF ZONE 3 PLANTING MODULE
12 PLANTS PER MODULE – COMBINATION OF TREES AND SHRUBS



- NOTES
1. THE ACTUAL PHYSICAL LOCATION OF EACH PLANT WILL DEPEND UPON SITE CONDITIONS AT TIME OF PLANTING. ACTUAL SITE CONDITIONS MAY REQUIRE MODIFICATION TO THE PLANT MATERIAL LOCATIONS AS SHOWN. THE CONTRACTOR SHOULD RESPECT THE PLANT GROUPINGS, AND SPACING AND ADHERE TO THE DESIGN INTENT WHEN LAYING OUT THE PLANT MATERIAL LOCATIONS.
 2. ALL PLANTING MODULES SHALL CONSIST OF SHRUBS PLACED 1.0 M O.C. AND TREES PLACED AT 1.5 M O.C.
 3. REFER TO TABLE 4 ON SHEET L1 FOR PLANT MATERIAL DESCRIPTIONS.
 4. INSTALL INDIVIDUAL SHRUBS AND TREES ACCORDING TO THE PLANTING DETAILS ON SHEET D1.
 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
 6. ANY FIELD ADJUSTMENTS OR MATERIAL SUBSTITUTIONS MUST RECEIVE THE PRIOR APPROVAL OF THE CONTRACT ADMINISTRATOR.
 7. MULCH BED TO BE UNIFORM DEPTH OF 100MM.

7 ZONE 3 MODULE PLANTING LAYOUT
N.T.S.

PLAN VIEW OF ZONE 4 PLANTING MODULE
20 PLANTS PER MODULE – COMBINATION OF TREES AND SHRUBS



- NOTES
1. THE ACTUAL PHYSICAL LOCATION OF EACH PLANT WITHIN THE MODULE WILL DEPEND UPON SITE CONDITIONS AT TIME OF PLANTING. THE CONTRACTOR SHOULD RESPECT THE PLANT GROUPINGS AND SPACING AND ADHERE TO THE DESIGN INTENT WHEN LAYING OUT THE PLANT MATERIAL LOCATIONS.
 2. ALL PLANTING MODULES SHALL CONSIST OF SHRUBS PLACED 1.0 M O.C. AND TREES PLACED 1.5 M O.C.
 3. REFER TO TABLE 5 ON SHEET L1 FOR PLANT MATERIAL DESCRIPTIONS.
 4. INSTALL INDIVIDUAL SHRUBS AND TREES ACCORDING TO THE PLANTING DETAILS ON SHEET D1.
 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
 6. ANY FIELD ADJUSTMENTS OR MATERIAL SUBSTITUTIONS MUST RECEIVE THE PRIOR APPROVAL OF THE CONTRACT ADMINISTRATOR.
 7. MULCH BED TO BE UNIFORM DEPTH OF 100MM.

8 ZONE 4 MODULE PLANTING LAYOUT
N.T.S.

x	xx	YYYY/MM/DD
No. Date	Description	

Revisions

PLANTING DETAILS

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Client: POLOCORP INC.



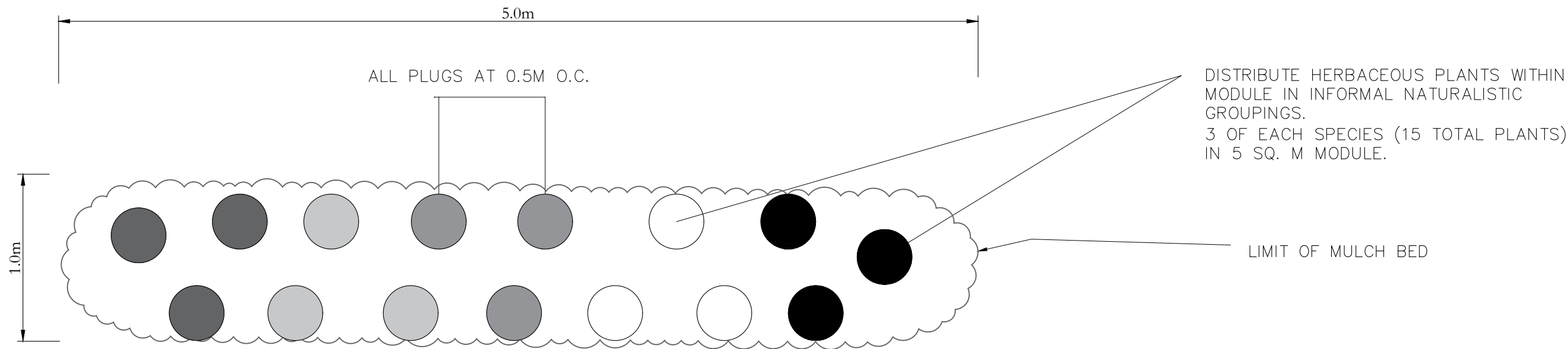
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	Checked By: NAME

Figure Number:

D2

PLAN VIEW OF ZONE 1 PLANTING MODULE
15 PLANTS PER MODULE – HERBACEOUS



- NOTES
- 1. THE ACTUAL PHYSICAL LOCATION OF EACH PLANT WILL DEPEND UPON SITE CONDITIONS AT TIME OF PLANTING. ACTUAL SITE CONDITIONS MAY REQUIRE MODIFICATION TO THE PLANT MATERIAL LOCATIONS AS SHOWN. THE CONTRACTOR SHOULD RESPECT THE PLANT GROUPINGS, AND SPACING AND ADHERE TO THE DESIGN INTENT WHEN LAYING OUT THE PLANT MATERIAL LOCATIONS.
 - 2. ALL PLANTING MODULES SHALL CONSIST OF PLUGS PLACED 0.5 M O.C.
 - 3. REFER TO TABLE 3 ON SHEET L1 FOR PLANT MATERIAL DESCRIPTIONS.
 - 4. INSTALL INDIVIDUAL SHRUBS AND TREES ACCORDING TO THE PLANTING DETAILS ON SHEET D1.
 - 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
 - 6. ANY FIELD ADJUSTMENTS OR MATERIAL SUBSTITUTIONS MUST RECEIVE THE PRIOR APPROVAL OF THE CONTRACT ADMINISTRATOR.
 - 7. MULCH BED TO BE UNIFORM DEPTH OF 100MM.

x	xx	YYYY/MM/DD
No. Date	Description	

Revisions

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PLANTING DETAILS

Project:ST. DAVID’S

Client: POLOCORP INC.



North	Date: 2025/02/20
	Scale: N.T.S.
	Drawn By:LD
	Checked By:NAME

Figure Number:

D3