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SEAL:

| 6 | 21.JUL.28 | REAR BUILDING RELOCATED | BJ |
|-----|-----------|---|----|
| 5 | 22.07.13 | TREES ADDED, SETBACK REV., BLDG SHIFTED | BJ |
| 4 | 21.09.23 | LANDSCAPE BUFFER TABLE ADDED | |
| 3 | 21.APR.21 | LANDSCAPE BUFFER DIMS ADDED | BJ |
| 2 | 21.MAR.01 | DP SUBMISSION | BJ |
| 1 | 21.FEB.16 | COORDINATION - IN PROGRESS | BJ |
| NO. | DATE | REVISION DESCRIPTION | DR |

CLIENT:

PROJECT:

NINE PEAKS

1590 PIERCY AVENUE COURTENAY, BC

DRAWING TITLE:

TREE MANAGEMENT PLAN

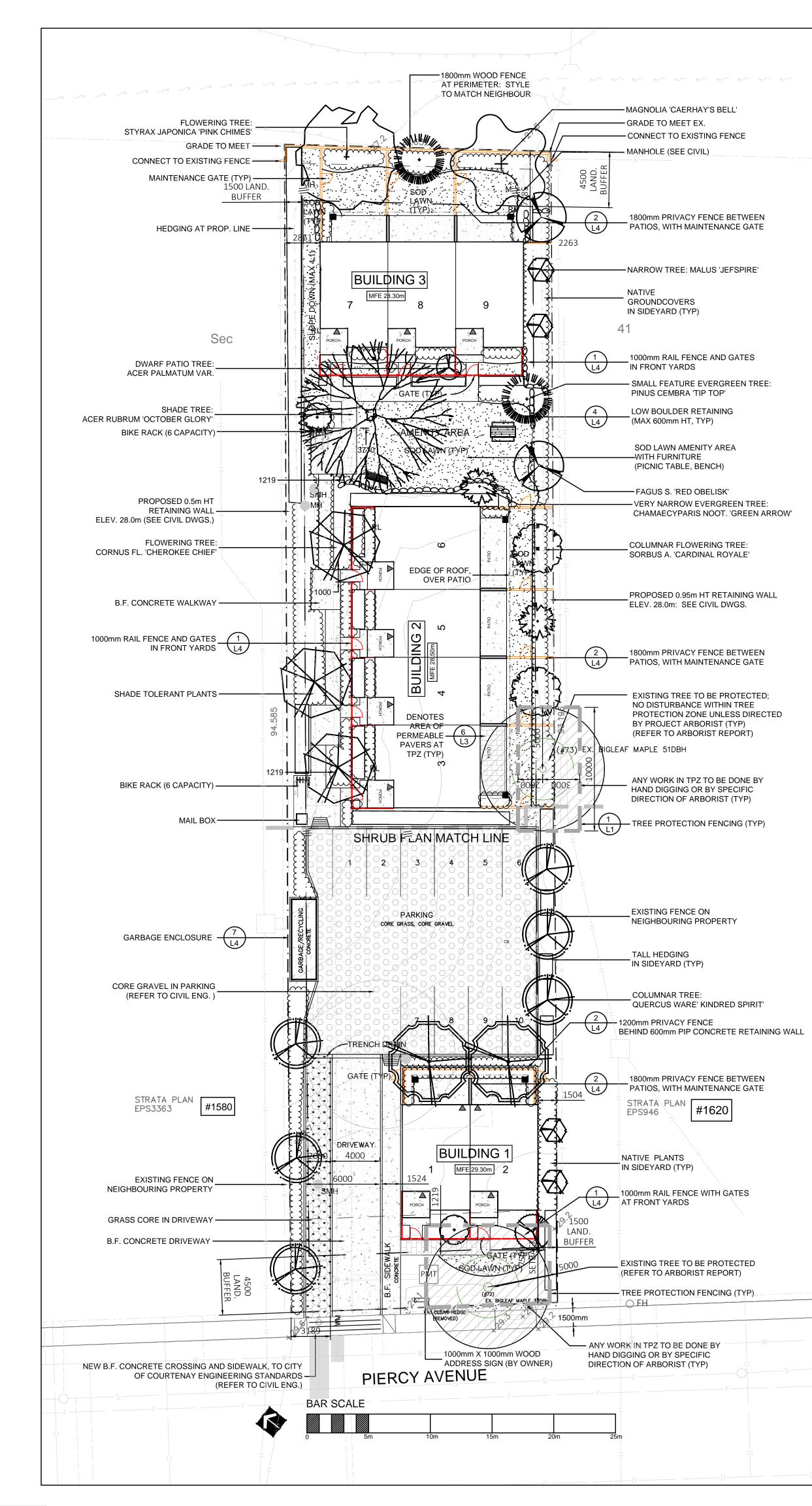
DATE: SCALE: DRAWN: DESIGN: CHK'D:

20.09.20 1:200 BJ

PCN

DRAWING NUMBER

OF 5



| PLAN | <u> 11 S</u> | CHEDULE | | PMG PROJECT NUMBER |
|------------------|--------------|--|--------------------------------------|-----------------------------|
| | QTY | BOTANICAL NAME | COMMON NAME | PLANTED SIZE / REMARKS |
| TREE | | | | |
| $\supset \Theta$ | 2 | ACER GRISEUM | PAPERBARK MAPLE | 6CM CAL; 1.8M STD; B&B |
| | 2 | ACER PALMATUM 'RED DRAGON' | RED DRAGON JAPANESE MAPLE | 1.0M HT; TREE FORM |
| |) 1 | ACER PALMATUM 'SHIN DESHOJO' | SHIN DESHOJO JAPANESE MAPLE | 1.0M HT; TREE FORM |
| | 1 | ACER RUBRUM 'OCTOBER GLORY' | OCTOBER GLORY MAPLE | 6CM CAL; 2M STD; B&B |
| Som V |) 1 | CERCIS CANADENSIS 'THE RISING SUN' | THE RISING SUN REDBUD | 4CM CAL; MIN. 1.5M STD, B&B |
| Line on | 2 | CHAMAECYPARIS NOOTKATENSIS 'GREEN ARROW' | | 2.0M HT, B&B |
| | 3 | CORNUS FLORIDA 'CHEROKEE CHIEF' | RED FLOWERING DOGWOOD | 6CM CAL; 1.8M STD; B&B |
| | 2 | EXISTING TREE TO BE PROTECTED | SEE ARBORIST PLAN | VARIES |
| | 2 | FAGUS SYLVATICA 'RED OBELISK' | RED OBELISK COLUMNAR BEECH | 6CM CAL; 1.8m STD. B&B |
| | 1 | MAGNOLIA x 'CAERHAY'S BELL' | CAERHAY'S BELL MAGNOLIA | 6CM CAL, 1.8M STD. B&B |
| sine to | 4 | MALUS 'JEFSPIRE' | PURPLE SPIRE CRABAPPLE | 5CM CAL; 1.8M STD; B&B |
| | 2 | PINUS CEMBRA 'TIP TOP' | TIP TOP SWISS STONE PINE | 2.0M HT; B&B |
| $\sim \Theta$ | 6 | QUERCUS x WAREI 'KINDRED SPIRIT' ('NADLERr') | KINDRED SPIRIT COLUMNAR OAK | 6CM CAL, 1.8M STD, B&B |
| | 2 | SORBUS AUCUPARIA 'CARDINAL ROYALE' | CARDINAL ROYAL MT. ASH | 6CM CAL; 1.8M STD, B&B |
| - { · | } 1 | STYRAX JAPONICUS 'PINK CHIMES' | PINK CHIMES JAPANESE SNOWBELL | 6CM CAL, 1.8M STD; B&B |
| SHRUB | | | | |
| A2 | 2 | AZALEA 'WHITE LIGHTS' | DECIDUOUS AZALEA; PINK | #3 POT; 50CM |
| A4 | 5 | AZALEA JAPONICA 'HARDIZER'S BEAUTY' | AZALEA; LIGHT PINK | #2 POT; 25CM |
| BF | 6 | BUXUS MICROPHYLLA ' FAULKNER' | FAULKNER BOXWOOD | #2 POT |
| GTB | 15 | BUXUS SEMPERVIRENS 'MONRUE' | GREEN TOWER BOXWOOD | 1.0M HT, B&B |
| С | 3 | CAMELLIA JAPONICA 'DEBUTANTE' | CAMELLIA; LIGHT PINK | #5 POT |
| PAB | 6 | CAMELLIA SASANQUA 'MONDEL' | PINK-A-BOO CAMELLIA | #5 POT |
| EU | 5 | EUONYMUS ALATA 'COMPACTUS' | COMPACT WINGED BURNING BUSH | #3 POT; 50CM |
| AP | 2 | HAMAMELIS X INTER. 'ARNOLD'S PROMISE' | ARNOLD'S PROMISE WITCH HAZEL | #10 POT; TREE FORM |
| HyB | 14 | HYDRANGEA `BLUSHING BRIDE' | BLUSHING BRIDE HYDRANGEA | #3 POT |
| Н | 14 | HYDRANGEA MACRO. 'ENDLESS SUMMER' | ENDLESS SUMMER BIGLEAF HYDRANGEA | #3 POT; 80CM |
| KE | 3 | KALMIA LATIFOLIA 'ELF' | ELF MOUNTAIN LAUREL | #2 POT; 30CM |
| KA | 8 | KALMIA LATIFOLIA 'OLYMPIC FIRE' | OLYMPIC FIRE MOUNTAIN LAUREL | #3 POT; 50CM |
| KT | 6 | KALMIA LATIFOLIA 'TIDDLYWINKS' | TIDDLYWINKS MOUNTAIN LAUREL | #2 POT; 30CM |
| М | 20 | MAHONIA AQUIFOLIUM 'COMPACTA' | COMPACT OREGON GRAPE HOLLY | #3 POT; 40CM |
| N | 3 | NANDINA DOMESTICA 'MONUM' | PLUM PASSION HEAVENLY BAMBOO | #3 POT |
| NI | 13 | PHYSOCARPUS OPULIFOLIUS 'LITTLE DEVIL' | LITTLE DEVIL NINEBARK | #3 POT |
| P2 | 6 | PIERIS JAPONICA 'COMPACTA' | DWARF JAPANESE PIERIS | #2 POT; 35CM |
| R | 4 | RHODODENDRON 'BOW BELLS' | BOW BELLS RHODODENDRON | #2 POT |
| RO2 | 6 | ROSA 'FUSCHIA MEIDILAND' | FUSCHIA MEIDILAND ROSE | #2 POT |
| SA | 5 | SARCOCOCCA HOOKERANA VAR. 'HUMILIS' | HIMALAYAN SWEET BOX | #2 POT; 25CM |
| SK | 12 | SKIMMIA JAPONICA (10% MALE) | JAPANESE SKIMMIA | #2 POT; 30CM |
| YD | 8 | TAXUS X MEDIA 'DENSIFORMIS' | DWARF ENGLISH YEW | #3 POT |
| Ŷ | 45 | TAXUS X MEDIA 'HICKSII' | HICK'S YEW | #3 POT; 80CM |
| TH | 90 | THUJA OCCIDENTALIS 'SMARAGD' | EMERALD GREEN CEDAR | 1.5M HT; B&B |
| V1 | 2 | VIBURNUM P.T. 'SUMMER SNOWFLAKE' | SUMMER SNOWFLAKE DOUBLEFILE VIBURNUM | #3 POT, TREE FORM |
| GRASS | - | | | |
| KF | 10 | CALAMAGROSTIS 'KARL FOERSTER' | KARL FOERSTER FEATHERREED GRASS | #2 POT |
| JA | 23 | HAKONECHLOA MACRA 'ALL GOLD' | ALL GOLD JAPANESE FOREST GRASS | #1 POT |
| VINE | 20 | | | |
| HY | 2 | HYDRANGEA ANOMALA V. 'PETIOLARIS' | CLIMBING HYDRANGEA | #2 POT; STAKED |
| PERENN | | | | |
| WMF | | ADIANTUM ALEUTICUM | WESTERN MAIDENHAIR FERN | #1 POT |
| CA | 35 | CAREX BUCHANANII `VIRIDIS' | GREEN LEATHERLEAF SEDGE | #1 POT |
| CF | 5 | CIMICIFUGA R. 'HILLSIDE BLACK BEAUTY' | HILLSDIE BLACK BEAUTY BUGBANE | #2 POT |
| | | HEUCHERA 'MIDNIGHT ROSE' | MIDNIGHT ROSE HEUCHERA | 15CM POT |
| HE | 2 | HEUCHERA `PARIS' | PARIS CORAL BELLS | 15 CM POT |
| HEP | | HEUCHERA `PINOT NOIR' | PINOT NOIR CORAL BELLS | 15 CM POT |
| | 23 1 | HOSTA 'FRANCEE' | FRANCEE HOSTA | #1 POT; 1 EYE |
| HAL | | | HALCYON HOSTA | #1 POT |
| | | HOSTA 'HALCYON' | | |
| HS | 4 54 | HOSTA 'SUM AND SUBSTANCE' | SUM AND SUBSTANCE HOSTA | #1 POT; 1 EYE #1 POT |
| OF | 54 01 | | | #1 POT |
| F | 91 | | | #1 POT |
| PU | 9 | | | #1 POT |
| S | 3 | SALVIA X SUPERBA 'EAST FRIESLAND' | EAST FRIESLAND SAGE | #1 POT |
| GC | ~ | | | |
| EF | 3 | EUONYMUS JAPONICA 'EMERALD 'N GOLD' | EUONYMUS; GOLD VARIEGATED | #1 POT; 25CM |

UTES: ^ PLANT SIZES IN THIS LIST ARE SPECIFIED ACCORDING TO THE BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD, LATEST EDITION. CONTAINER SIZES SPECIFIED AS PER CNLA STANDARD. BOTH PLANT SIZE AND CONTAINER SIZE ARE THE MINIMUM ACCEPTABLE SIZES. * REFER TO SPECIFICATIONS FOR DEFINED CONTAINER MEASUREMENTS AND OTHER PLANT MATERIAL REQUIREMENTS. * SEARCH AND REVIEW: MAKE PLANT MATERIAL AVAILABLE FOR OPTIONAL REVIEW BY LANDSCAPE ARCHITECT AT SOURCE OF SUPPLY. AREA OF SEARCH TO INCLUDE LOWER MAINLAND AND FRASER VALLEY. * SUBSTITUTIONS: OBTAIN WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT PRIOR TO MAKING ANY SUBSTITUTIONS TO THE SPECIFIED MATERIAL. UNAPPROVED SUBSTITUTIONS WILL BE REJECTED. ALLOW A MINIMUM OF FIVE DAYS PRIOR TO DELIVERY FOR REQUEST TO SUBSTITUTE. SUBSTITUTIONS ARE SUBJECT TO BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD - DEFINITION OF CONDITIONS OF AVAILABILITY. ALL LANDSCAPE MATERIAL AND WORKMANSHIP MUST MEET OR EXCEED BC LANDSCAPE STANDARD AND CANADIAN LANDSCAPE STANDARD LATEST EDITION. ALL PLANT MATERIAL MUST BE PROVIDED FROM CERTIFIED DISEASE FREE NURSERY

SITE FURNITURE



BENCH, 1.8M LENGTH MAGLIN 'ICONIC' COLLECTION THERMALLY MODIFIED ASH POWDERCOAT COLOUR TBD **BY OWNER** SURFACE MOUNT TO CONCRETE FOOTINGS



PICNIC TABLE WITH TWO BENCHES MAGLIN 'ICONIC' COLLECTION THERMALLY MODIFIED ASH POWDERCOAT COLOUR TBD BY OWNER SURFACE MOUNT TO CONCRETE FOOTINGS (OR SIMILAR)



BIKE RACK CORA 'EXPO 1500' RACK STAINLESS STEEL FINISH SURFACE MOUNT TO CONCRETE (OR SIMILAR)

GENERAL IRRIGATION NOTES:

1. LANDSCAPE CONTRACTOR TO PROVIDE SEPARATE CONTRACT TO LANDSCAPE INSTALLATION. 2. ALL SOFT LANDSCAPE TO BE IRRIGATED WITH LOW FLOW IRRIGATION TO PLANTER BEDS, AND IN-GROUND SPRINKLER IRRIGATION TO LAWN

AREAS. 3. IRRIGATION CONTRACTOR TO PROVIDE AN EFFICIENT DESIGN-BUILD AUTOMATIC SYSTEM TO IIABC STANDARDS, WITH MOISTURE SENSORS, AUTOMATIC RAIN GAUGE.

4. SYSTEM ACCESSED WITHIN BUILDING, WITH A MAIN CONTROLLER.

5. REFER TO MECHANICAL AND ELECTRICAL CONSULTANT DRAWINGS FOR COORDINATION & FOR IRRIGATION STUB-OUT LOCATIONS.

6. IRRIGATION PLAN TO MEET OR EXCEED ALL RELEVANT REQUIREMENTS FOR MUNICIPAL APPROVAL.

7. IRRIGATION DESIGN TO BE REVIEWED AND APPROVED BY LANDSCAPE ARCHITECT.

GENERAL PLANTING NOTES:

1. LANDSCAPE CONTRACTOR TO PROVIDE 300mm MINIMUM GROWING MEDIUM DEPTH IN LAWN AREAS, AND 450mm MINIMUM GROWING MEDIUM DEPTH IN PLANTING BEDS.

2. REFER TO SOFT LANDSCAPE SPECIFICATIONS.

BER: 20-114

| Landscape Buffering (m) | Provided |
|-------------------------|-------------------------------------|
| Piercy Avenue (front) | 4.5m (except for site access entry) |
| Side Yard (north) | Ranges from 1.2m to 3.4m |
| Side Yard (south) | Ranges from 1.5 to 1.8m |
| Rear | 4.5m |
| | |

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| | | | |

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PROJECT:

NINE PEAKS

1590 PIERCY AVENUE COURTENAY, BC

DRAWING TITLE:

LANDSCAPE PLAN

DATE: SCALE: DRAWN: DESIGN:

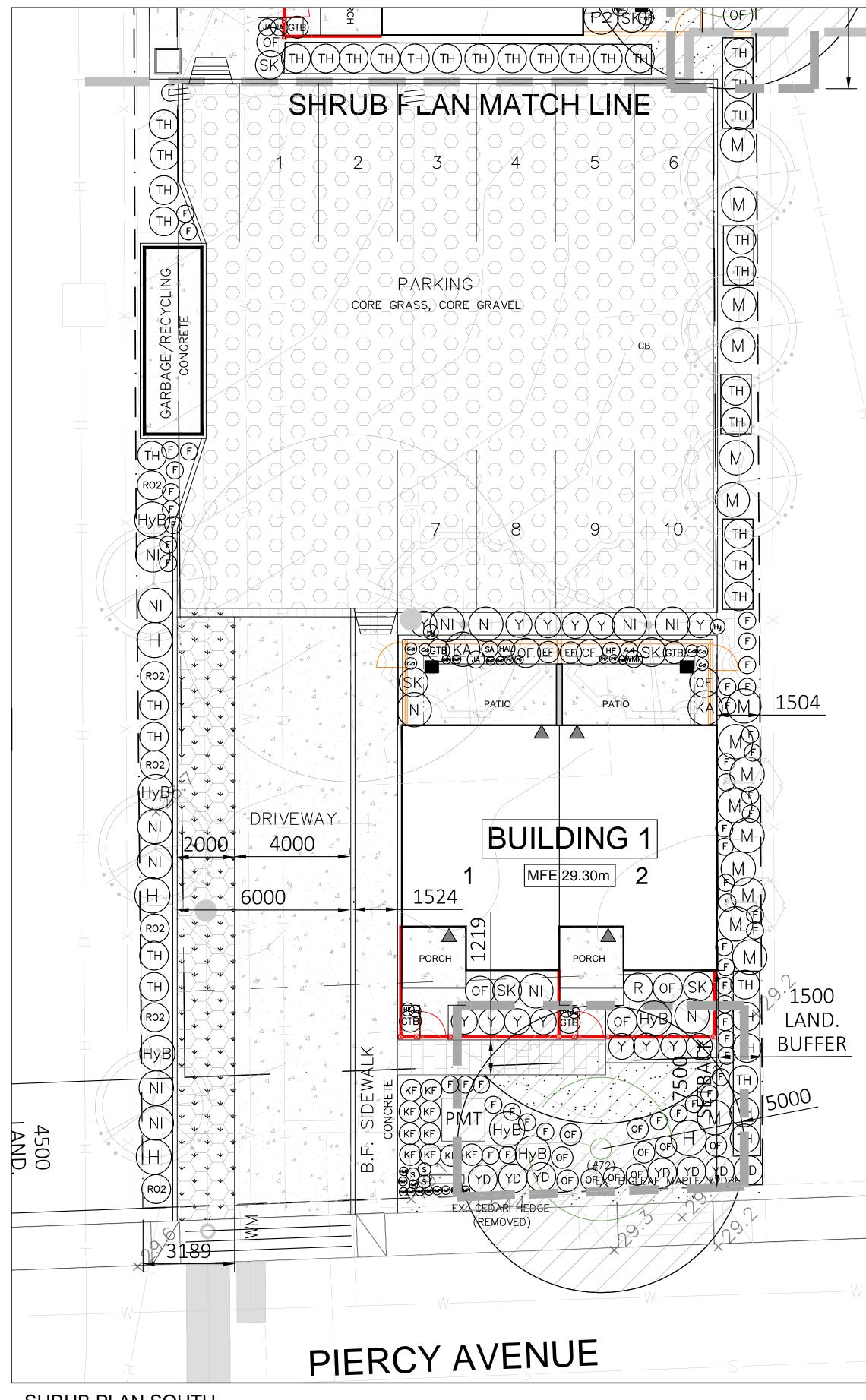
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20.09.20 1:200 BJ

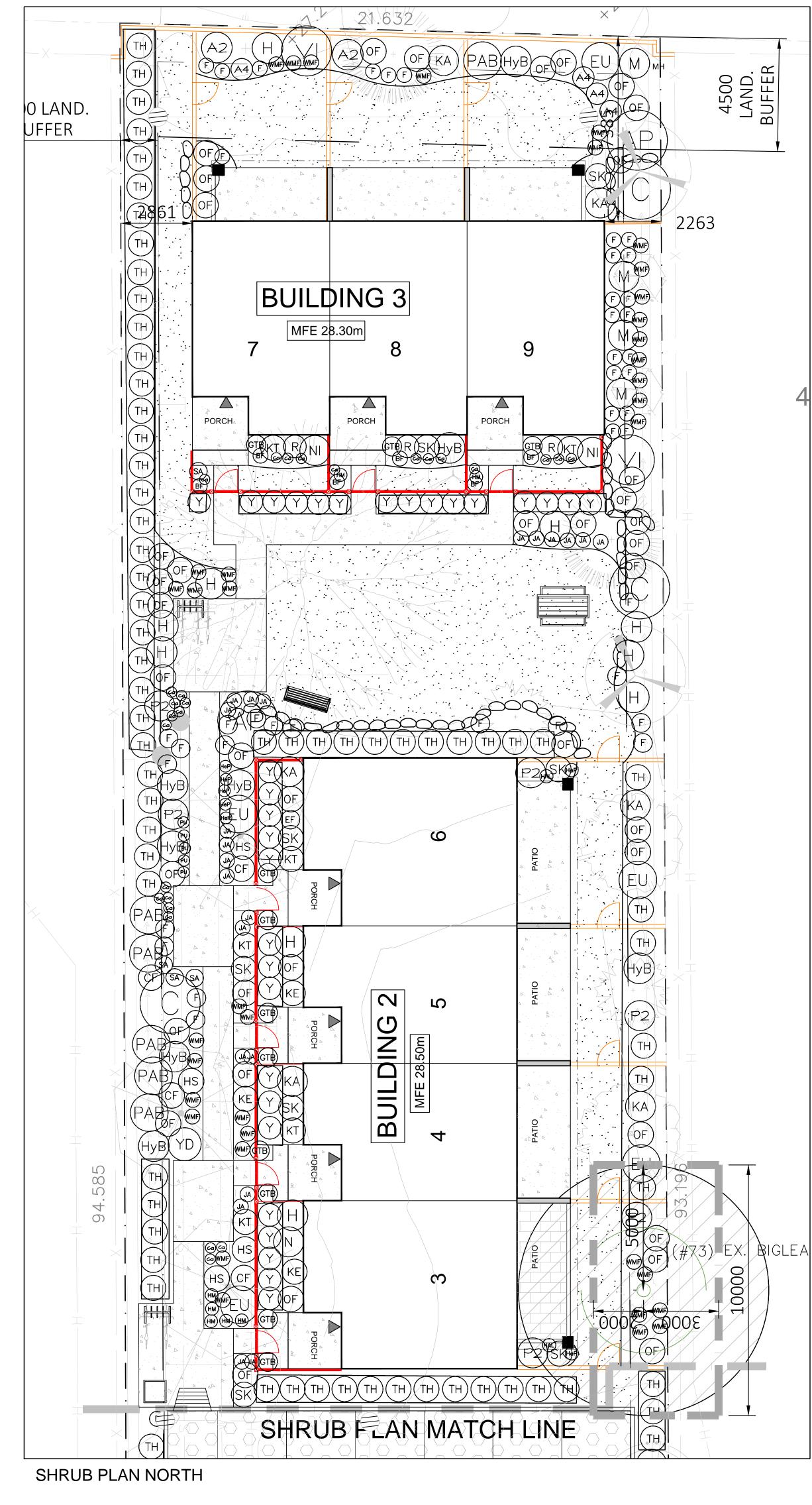
PCM

DRAWING NUMBER

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SHRUB PLAN SOUTH



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| | | | |

CLIENT:

PROJECT:

NINE PEAKS

1590 PIERCY AVENUE COURTENAY, BC

DRAWING TITLE:

SHRUB PLAN

DATE: SCALE: DRAWN: DESIGN:

CHK'D:

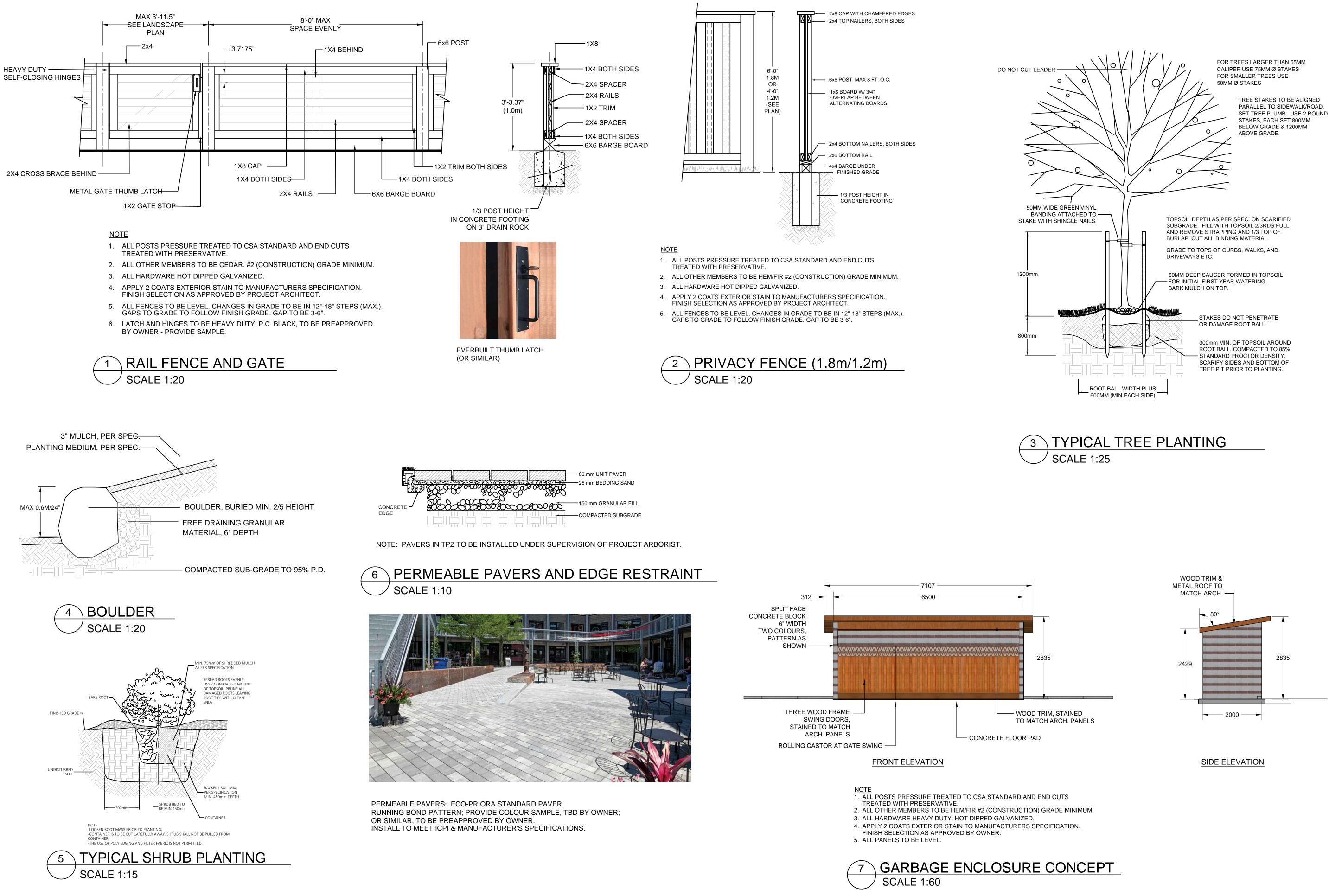
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DRAWING NUMBER

L3

OF 5



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LANDSCAF ARCHITECT Suite C100 - 4185 Still Creek Drive Burnaby, British Columbia, V5C 6G9 p: 604 294-0011 ; f: 604 294-0022

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CLIENT:

PROJECT:

NINE PEAKS

1590 PIERCY AVENUE COURTENAY, BC

DRAWING TITLE: DETAILS

DATE: SCALE: DRAWN: DESIGN:

CHK'D:

20.09.20 VARIES BJ

PCM

DRAWING NUMBER:

| PART ONE GENERAL F | REQUIREMENTS | | | PART THREE SOFT LANDSCAPE DEVELOPMENT |
|--|--|---|--|---|
| 1.1 REFERENCES .1 CCDC Doc 2 2008 | | | | 3.1 RETENTION OF EXISTING TREES .1 Prior to any work on site – protect individual trees or plant groupings indicated as retained or .1.1 In some instances the Landscape Architect will tag trees or areas to remain. Discuss tree re |
| | Il Conditions of Contract in conjunction with this s | | | .2 A physical barrier must be installed to delineate clearing boundaries. Refer to physical barrie |
| | ntion, prepared by the B.C. Society of Landscape ne B.C. Landscape Standard unless superseded by | | rsery Association, jointly. All work and materials Idscape Architect with written instruction. | .3 No machine travel through or within vegetation retention areas or under crowns of trees to b |
| .3 MASTER MUNICIPAL SPECIFICATIO Association, and the Municipal Engine | NS & STANDARD DETAILS, 2000 edition, prepared ers Division | by the Consulting Engineers of British | Columbia, Roadbuilders and Heavy Construction | .4 Do not stockpile soil, construction materials, or excavated materials within vegetation retent |
| .4 STANDARD FOR LANDSCAPE IRRI | GATION SYSTEM, 2008: Prepared by the Irrigation | Industry Association of British Columb | ia. | .5 Do not park, fuel or service vehicles within vegetation retention areas. .6 No debris fires, clearing fires or trash burning shall be permitted within vegetation retention |
| .5 MUNICIPAL BYLAWS AND ENGINE | ERING SPECIFICATIONS WHERE NOTED. | | | .7 No excavations, drain or service trenches nor any other disruption shall be permitted within v |
| | nth) test for all growing medium to be used on thi | | | the Landscape Architect. .8 Do not cut branches or roots of retained trees without the approval of the Landscape Archite |
| pre-approved by the Landscape Arch Medium Testing for procedure. | ifect. Deliver growing medium fest results to Lar | lascape Architect for review and appro | val prior to placement. Refer to Section 3.4 Growing | .9 Any damage to existing vegetation intended for preservation will be subject to evaluation by |
| .2 Owner reserves the right to test | t or re-test materials. Contractor responsible to |) pay for testing if materials do not me | et specification. | 1992. .9.1 Replacement planting of equivalent value to the disturbance will be required. The cost of th General Contractor and or the person(s) responsible for the disturbance. |
| | from that contained in the contract documents m | ust be pre-approved by the Landscape | Architect. | .10 In municipalities with specific tree retention/replacement bylaws ensure compliance to bylaws |
| .2 Submittals to consist of product | sample or manufacturer's product description. | | | .11 In situations where required construction may disturb existing vegetation intended for preser construction. |
| 1.4 SITE REVIEW .1 Under the terms of the Landscap | e Architect's Contract with the Owner and where | the Landscape Architect is the designa | ted reviewer, the Landscape Architect will observe | 3.2 GRADES |
| construction as is necessary in their appropriate times. Allow two days no | opinion to confirm conformance to the plans and title. Observation schedule may include but will n | specifications. Contact Owners Represe ot be limited to the following: | entative to arrange for site observation at the | .1 Ensure subgrade is prepared to conform to depths specified in Section 3.5, Growing Medium Su suitable planting pockets for material indicated on the planting plan. Shape subgrade to eliminate |
| and municipal requirements. | | - | tree preservation issues, general landscape issues intendent and Landscape Contractor; a meeting is to | .2 On slopes in excess of 3:1 trench subgrade across slope to 150mm (6") minimum at 1.5m (5 ft.) i |
| for this meeting. | | | Contractor. Provide growing medium test results | .3 Scarify the entire subgrade immediately prior to placing growing medium. Re-cultivate where Ensure that all planting areas are smoothly contoured after light compaction to finished grades. |
| any single visit. Such elements may i | | im – quality, depths, finish grading; Dra | different aspects of the work may be dealt with on inage and Drainage Materials; Lawns or Grass areas; ctice and layout, tree support; Mulch; Irrigation | .4 Eliminate standing water from all finished grades. Provide a smooth, firm and even surface a maximum and minimum gradients defined by the B.C. Landscape Standard. |
| Systems; Play Equipment; Site Furnit Fencing, Non-structural walls and sla | ure; and other elements of the site development abs, Unit Paving. | where the Landscape Architect is the d | esignated reviewer such as: Pedestrian Paving, | .5 Construct swales true to line and grade, smooth and free of sags or high points. Minimum slo |
| | | | eficiency list, and recommendations for completion. Tertificate of Completion will be made to the Payment | .6 Slope not to exceed the following maximums: Rough Grass 3:1, Lawn 4:1, Landscape plantings 2 |
| .1.7 Warranty Review: Prior to the o | completion of the holdback period, check for comp completion of the waranty period (+/- 11 months a | | | .7 Finished soil/mulch elevation at building to comply with municipal requirements. .8 Inform Landscape Architect of completion of finish grade prior to placement of seed, sod, plar |
| recommendations for waranty replace | ement. | | | 3.3 LANDSCAPE DRAINAGE |
| .1 Unless otherwise instructed in th | | | e General Contractor. Placement of growing medium are the responsibility of the Landscape Contractor. | .1 Related Work: Growing medium and Finish Grading, Grass areas, Trees Shrubs and Groundcove .2 Work Included: Site finish grading and surface drainage. Installation of any drainage systems |
| .2 All work and superintendence sh | all be performed by personnel skilled in landscap | | applying herbicides and/or pesticides shall hold a | coordination only, confirm scope of work prior to bid. .2.1 Coordinate all landscape drainage work with rest of site drainage, Refer to engineering draw |
| current license issued by the approp | riate authorities. e familiar with site conditions before bidding and b | efore start of work | | .2.2 Determine exact location of all existing utilities and structures and underground utilities priso as to prevent interruption of service or damage to them. Protect existing structures and utilities .2.3 Planter drains on slab: Refer to Section 3.10, Installing Landscapes on Structures. |
| .4 Confirm location of all services t | | | | .3 Execution |
| .5 Notify Landscape Architect of ar | ny discrepancies. Obtain approval from Landscape | Architect prior to deviating from the p | olans. | .3.1 Do trenching and backfilling in accordance with engineering details and specifications. .3.2 Lay drains on prepared bed, true to line and grade with inverts smooth and free of sags or length. |
| .6 Take appropriate measures to av guidelines. | void environmental damage. Do not dump any was | te materials into water bodies. Conform | n with all federal, provincial and local statutes and | .3.3 Commence laying pipe at outlet and proceed in upstream direction. .3.4 Lay perforated pipes with perforations at 8pm and 4pm positions. |
| .7 Collect and dispose of all debris are to be completed prior to final acc | | s. Keep paved surfaces clean and repa | ir damage resulting from landscape work. Repairs | .3.5 Make joints tight in accordance with manufacturer's directions. .3.6 Do not allow water to flow through the pipes during construction except as approved by Eng. .3.7 Make watertight connections to existing drains, new or existing manholes or catchbasins who is a structure of the structure of the |
| | xisting, and where existing work is altered, make | good to match existing undisturbed con | dition. | .3.8 Plug upstream ends of pipe with watertight clean out caps. .3.9 Surround and cover pipe with drain rock in uniform 150mm layers to various depths as shown |
| 1.6 WARRANTIES | | | | .3.10 Cover drain rock with non-woven filter cloth lap all edges and seams minimum 150mm. .3.11 Assure positive drainage. .3.12 Back fill remainder of trench as indicated. |
| .1 Guarantee all materials and work | manship for a minimum period of one full year fro | m the date of Certificate of Completion | L | .3.13 Protect subdrains from floatation during installation. |
| .2 Refer to individual sections for s | specific warranties. | | | 3.4 GROWING MEDIUM TESTING .1 Submit representative sample of growing medium proposed for use on this project to an indepuption of the placing. Test results to include: |
| PART TWO SCOPE OF | WORK | | | 1.1 Physical properties, % content of gravel, sand, silt, clay and organics. 1.2 Acidity PH and quantities of lime or sulphur required to bring within specified range. |
| 2.1 SCOPE OF WORK .1 Other conditions of Contract may | apply. Confirm Scope of Work at time of tender. | | | .1.3 Nutrient levels of principle and trace elements and recommendations for required soil amend .1.4 Carbon/Nitrogen level. |
| .2 Work includes supply of all relat | ed items and performing all operations necessary | to complete the work in accordance wi | th the drawings and specifications and generally | 3.5 GROWING MEDIUM SUPPLY AND PLACEMENT .1 Supply all growing medium required for the performance of the Contract. Do not load, transpo damaged. |
| consists of the following: .2.1 Retention of Existing Trees who | ere shown on drawings. | | | .2 Supply all growing medium admixtures as required by the soil test. Amended growing medium r |
| .2.2 Finish Grading and Landscape D .2.3 Supply and placement of growin | ng medium. | | | various areas. .2.1 Thoroughly mix required amendments into the full depth of the growing medium. .2.2 Special mixes may be required for various situations. Refer to drawing notes for instruction |
| .2.4 Testing of imported growing me .2.5 Supply and incorporation of ad .2.6 Preparation of planting beds, s | ditives to meet requirements of soil test and Tab | le One. | | .3 Place the amended growing medium in all grass and planting areas. Spread growing medium in |
| .2.7 Preparation of rough grass are .2.8 Preparation of lawn areas, sup | eas, supply of materials and seeding. ply of materials and sodding. | | | standing water. .4 Minimum depths of growing medium placed and compacted to 80%: |
| .2.9 Supply and placement of bark m .2.10 Maintenance of planted and se .2.11 SEPARATE PRICE: Establishmer | eded/sodded areas until accepted by Owner. | | | .4.1 On-grade: .4.1.1 Seeded and sodded lawn |
| | this list, not specified by Landscape Architect. | | | .4.1.2 Mass planted shrubs & groundcovers |
| 2.2 MATERIALS .1 Growing Medium: Conform to BC Li | andscape Standard for definitions of imported an | d on-site topsoil. Refer to Table One b | elow. | sides. -4.2 On Slabi- |
| | ING MEDIUM FOR LEVEL 2 GROOMED AND LEVEL 3 I ion Textural Class: "Loamy Sand" to "Sandy Loam | | | .4.2.1 Irrigated lawn |
| Applications | Low Traffic Areas. Trees and Large Shrubs | High Traffic | Planting Areas and Planters | .4.2.3 Lawn without automafic i rriga tion |
| Growing Medium Types | 2L | 2H | 2P | .4.2.6 Depth noted includes 1" to 2" (25-50mm) sand over filter fabric .4.2.7 Maximum 18" depth growing medium except where mounded for trees over column points |
| Texture Coarse Gravel: | | Percent Of Dry Weight of Total Growin | - | .5 Manually spread growing medium/planting soil around existing trees, shrubs and obstacles. |
| larger than 25mm All Gravel: | 0 - 1% | 0 - 1% | 0 - 1% | .6 In perimeter seeded grass areas, feather growing medium out to nothing at edges and blend in |
| larger than 2mm | | ent Of Dry Weight of Growing Medium Ex | | .7 Finished grades shall conform to the elevations shown on landscape and site plans. |
| Sand: larger than 0.05mm | 50 - 80% | 70 - 90% | 40 - 80% | .1 General: Rough grass areas are noted on the drawings as "Rough Grass". Treat all areas def boulevards to edge of roads and lanes. |
| smaller than 2.0mm Silt: | | | | .2 Preparation of Surfaces: To B.C. Landscape Standard Class 3 Areas (Rough grass) Section 7. |
| larger than 0.002mm smaller than 0.05mm | 10 - 25% | 0 - 15% | 10 - 25% | .2.1 Clean existing soil by mechanical means of debris over 50mm in any dimension. .2.2 Roughly grade surfaces to allow for maintenance specified and for positive drainage. |
| Clay: smaller than 0.002mm | 0 - 25% | 0 - 15% | 0 - 25% | .3 Time of Seeding: Seed from early spring (generally April 1st) to late fall (September 15th) of (Architect. |
| Clay and Silt Combined Organic Content (coast): | maximum 35% | 3 - 5% | 10 - 20% | .4 Seed Supply & Testing: All seed must be obtained from a recognized seed supplier and shall |
| Organic Content (interior): | 3 - 5% | 3 - 5% | 15 - 20% | .4.1 Analysis of the seed mixture .4.2 Percentage of each seed type |
| Acidity (pH): Drainage: | 6.0 - 7.0 Percolation shall be such that no standing wa | 6.0 - 7.0 Her is visible 60 minutes after at least | 4.5 - 6.5 10 minutes of moderate to heavy rain or irrigation. | .5 Seed Mixture: All varieties shall be rated as strong performers in the Pacific Northwest and 70% Creeping Red Fescue |
| .2 Fertilizer: An organic and/or ino | rganic compound containing Nitrogen (N), Phospha | te (25), and Potash (soluble 2) in propor | tions required by soil test. | 20% Annual Rye 5% Saturn Perennial Rye 5% Kentucky Bluegrass |
| .3 Lime: Ground agricultural limest | one. Meet requirements of the B.C. Landscape St | andard. | | For Wildflower Areas use a mixture of Wildflowers with Hard Fescues (Terralink Coastal W |
| | post product to the requirements of the B.C. Lan cts, Fraser Richmond Soils & Fibre, Stream Organi | | pproved by the Landscape Architect. Recommended | .6 Fertilizer: Mechanical seeding: Apply a complete synthetic slow-release fertilizer with maxim sulphur urea coated , 112 kg/ha(100lbs/acre) using a mechanical spreader. |
| | to meet requirements of the B.C. Landscape Stan | - | | .7 Seeding: Apply seed at a rate of 112k/H (100lbs /acre) with a mechanical spreader. Incorpora |
| .6 Composted Bark Mulch: 10mm (3/ extraneous matter. Fresh orange in | 8") minus Fir/Hemlock bark chips and fines, free o colour bark will be rejected. | of chunks and sticks, dark brown in colo | our and free of all soil, stones, roots or other | .8 Acceptance: Provide adequete protection of the seeded areas until conditions of acceptance b |
| - | • | al statutes. Appliers must hold current | licenses issued by the appropriate authorities in | 3.7 HYDROSEEDING .1 May De used as an alternate to mechanical seeding in rough grass areas. |
| the area. | | | | .2 May not be used in areas of lawn unless pre-approved by the Landscape Architect prior to bi |
| - | le blanket or other filtering membrane that will a pre-approved by the Landscape Architect.) | now the passage of water but not fine | soil particles. (Such as MIRAFI 140 NL, GEOLON N40 | .3 Preparation and Growing Medium: .3.1 In areas of Rough Grass: Comply with Section 3:6 Rough Grass. |
| .9 Drainage Piping if required: Scher | | | | .3.2 Where approved for use in areas of lawn, comply with Section 3.8 Lawn Areas: Sodding. .4 Protection: Ensure that fertilizer in solution does not come in contact with the foliage of any |
| | durable, and have a maximum size of 19mm and co | - | | .4 Protection: Ensure that fertilizer in solution does not come in contact with the foliage of any objects not expected to grow grass. Protect existing site equipment, roadways, landscaping, refe contamination occurs, remove seeding slurry to satisfaction of and by means approved by the Lao |
| .11 Plant Material: To the requirem nursery. Provide proof of certificati | | », riants and Planting. All plant materi | al must be provided from a certified disease free | .5 Mulch shall consist of virgin wood fibre or recycled paper fibre designed for hydraulic seeding |
| .12 Sod: Refer to individual section | | | | for wood fibre substitute use 135% (by weight). Conform to B.C. Landscape Standard for mulch rec |
| | ental block walls to provide engineered drawings excess of 1.2m. Installations must be reviewed an | | | .6 Water: Shall be free of any impurities that may have an injurious effect on the success of so .7 Equipment: Use industry standard hydraulic seeder/mulcher equipment with the tank volume |

combinations of walls collectively in excess of 12m. Installations must be reviewed and signed off by Certified Professional Engineer; inlcude cost of engineering services in Tender price.

.14 Miscellaneous: Any other material necessary to complete the project as shown on the drawings and described herein.

7 Equipment: Use industry standard hydraulic seeder/mulcher equipment with the tank volume certified by an identification plate or sticker affixed in plain view on the

equipment. The hydraulic seeder/mulcher shall be capable of sufficient agitation to mix the material into a homogenous slurry and to maintain the slurry in a homogenous state until it is applied. The discharge pumps and gun nozzles shall be capable of applying the materials uniformly over the designated area.

Application Rate: .18.4 For all plant material, the Landscape Architect reserves the right to extend the Contractor's responsibility for another growing season if, in his opinion, leaf development on landscape plans as vegetation retention areas. .8.1 Seed Mixture: 136 kg/ha (125 lbs/acre) and growth is not sufficient to ensure future satisfactory growth. retention areas at a start-up meeting with the Landscape Architect. .18.5 Where the Owner is responsible for plant maintenance and has not provided adequate maintenance, the plant replacement section of the contract may be declared void. .8.2 Fertilizer, 112 kg/ha (100 lbs/acre) The Landscape Architect shall determine whether maintenance has been satisfactory using the B.C. Landscape Standard, Section 13, Maintenance as the guide. The required .8.3 Coastal Wildflower Mix: Where specified, apply (31 lbs/acre) (1/4 lb.: 1 lb. of grass seed) ier detail. If detail not provided, comply with local municipal requirements. maintenance standard is a minimum of Level Three - Medium. Refer to Section 3.11, Establishment Maintenance .8.4.1 At the time of Tender provide a complete chart of all components of the mix proposed including mulch, tackifier, water etc. Sloped sites require tackifier. .18.6 The Landscape Contractor is responsible to replace any plant material or repair any construction included in the Contract that is damaged or stolen until the issuance of be retained is allowed. .8.4.2 Fertilizer: the Certificate of Completion. .8.4.2.1 Rough Grass: If a soil analysis is available, comply with results. .18.7 Deviation from the specifications may require extension of the Warranty Period as determined by the Landscape Architect. ition areas. .8.4.2.2 Lawn: Where hydroseeding is approved, comply with soil analysis recommendations 3.10 INSTALLING LANDSCAPE ON STRUCTURES .9 Accurately measure the quantities of each of the materials to be charged into the tank either by mass or by a commonly accepted system of mass-calibrated volume measurements. The materials shall be added to the tank while it is being filled with water, in the following sequence; seed, fertilizer. Thoroughly mix into a homogenous slurry. .1 Verify that drainage and protection material is completely installed and acceptable before beginning work. Contact Landscape Architect for instructions if not in place. n areas After charging, add no water or other material to the mixture. Do not leave slurry in the tank for more than four (4) hours. .2 Coordinate work with construction of planters and planter drainage. vegetation retention areas without a review of the proposed encroachment by .2.1 Verify that planter drains are in place and positive drainage to roof drains is present prior to placing any drain rock or soil. .10 Distribute slurry uniformly over the surface of the area to be hydroseeded. Blend application into previous applications and existing grass areas to form uniform surfaces. .3 Provide clean out at all through-slab drain locations . Use 309mm min. dia. PVC Pipe filled with drain rock unless specific drawing detail shown. .11 Clean up: Remove all materials and other debris resulting from seeding operations from the job site. tect. .12 Maintenance: Begin maintenance immediately after seeding and continue for 60 days after Substantial Completion and until accepted by the Owner. Re-seed at three week .4 Install drain rock evenly to a minimum depth of 4" (100mm)or alternate sheet drain if specified. Install sheet drain as per manufacturer's recommendations. y an I.S.A. Certified Arborist using the "Guide for Plant Appraisal", Eighth Edition, intervals where germination has failed. Protect seeded areas from damage with temporary wire or twine fences complete with signage until grass area is taken over by the Owner. Water in sufficient quantities to ensure deep penetration and at frequent intervals to maintain vigorous growth until grass is taken over by the Owner. It is the Owner's .5 Cover drain rock (or alternate sheet drain if specified on drawing details) with filter fabric lapping 6". (150mm) at all edges. Obtain approval of drainage system prior to he evaluation and of the replacement planting will be the responsibility of the placing growing medium responsibility to supply water at no extra cost to the Contract. .13 Acceptance of the Rough Grass Areas: Proper germination of all specified grass species is the responsibility of the Landscape Contractor. The grass shall be reasonably .6 Place an even layer of 25 - 50mm clean washed pump sand over filter fabric. well established, with no apparent dead or bare spots and shall be reasonably free of weeds (to B.C. Landscape Standard, Section 13 Maintenance Level 4 (Open space). Sixty .7 Place arowing medium to depths specified in Section 3.5 above for various surface treatments. Refer to Drawing details for any light weight filter required to alter grade. days after substantial completion, areas meeting the conditions above will be taken over by the Owner. Areas seeded in Fall will be accepted in Spring one month after-start of ervation, contact Landscape Architect for review prior to commencing Use Styrofoam block over drain rock shaped to provide smooth surface transition at edges. Butt each piece tightly together and cover with filter fabric to prevent soil from growing season, provided that the above conditions for acceptance are fulfilled. migrating downward. 3.8 LAWN AREAS - SODDING .11 ESTABLISHMENT MAINTENANCE (Provide a separate price for this section) upply, below. Where planting is indicated close to existing trees, prepare .1 General: Treat all areas defined as lawn areas on the landscape plan between all property lines of the project including all boulevards to edge of roads and lanes. e free standing water and conform to the site grading and drainage plan. .1 Intent: The intent of "establishment" maintenance is to provide sufficient care to newly installed plant material for a relatively short period of time to ensure or increase the long term success of the planting. The objective is the adaptation of plants to a new site in order to obtain the desired effect from the planting while reducing the rate of .2 Growing Medium: Comply with Section 2.2.1, Growing Medium. Prior to sodding, request an inspection of the finished grade, and depth and condition of growing medium by the intervals minimum. failure and unnecessary work associated with improper establishment. Establishment of maintenance procedures apply to all new and retained vegetation including cultivated Landscape Architect. turfgrass areas and new trees and shrubs. e vehicular traffic results in compaction during the construction procedures. .3 Time of Sodding: Sod from April 1st to October 1st. Further extensions may be obtained on concurrence of the Landscape Architect. .2 Maintenance Period: Provide maintenance of installed landscaping for 12 months following substantial completion. .4 Sod Supply: Conform to all conditions of B.C. Landscape Standard, Section 8, B.C. Standard for Turfgrass Sod. and conform to grades shown on the Landscape Drawings. Do not exceed .3 Related Standards and Legislation: B.C. Landscape Standard, latest edition; Fertilizer Code., B.C. Pesticide Control Act. .5 Specified Turfgrass by area: Refer to Table 2 below. .4 Site Review: In addition to the inspections at substantial completion, at final progress draw application, and at the end of the guarantee period, there should be three other ope 2%, maximum side slopes 10%. Assure positive drainage to collection points. TABLE 2 SPECIFIED TURFGRASS BY AREA reviews during the 12 months attended by the Contractor and a designated representative of the Owner. Maintain a logbook and reporting procedures and submit to the designated representative. Area Description Quality Grade Major Species CLASS 1 No. 1 Premium Lawn, all areas noted on drawings as lawn in urban Kentucky Blue for sun, Fescues for shade .5 Scheduling: Prepare a schedule of anticipated visits and submit to designated representative at start-up. Maintenance operations shall be carried out predominately during development sites including boulevard grass the growing season between March 1st and November 30th, however visits at other times of the year may be required. CLASS 2 Grass - public parks, industrial and institutional sites No. 2 Standard ants or mulch. 6 Maintenance Level: Comply with B. C. Landscape Standard, Section 14, Table 14.2, Maintenance Level 2 "Groomed". CLASS 3 Rough Grass see hydroseeding SPECIAL 7 Materials: Comply with Part Two of this specification. ers, Planters, Crib Walls. 7.1 Fertilizers: To the requirements of the B.C. Landscape Standard. Formulations and rates as required by soil testing. .6 Lime: The lime shall be as defined in Section 2.2.3, Materials. Apply at rates recommended in required soil test. Refer to Section 3.4 for method. is detailed on landscape plans. Note: Catch basins shown on landscape plans for .8 Plant Material Establishmer .8.1 Watering: During the first growing season, water new plants at least every ten (10) days between April 1st and July 31st, and every twenty (20) days between August 1st .7 Fertilizer: Refer to Section 2.2.2 Materials. Apply specified fertilizer at rates shown in the required soil test. Apply with a mechanical spreader. Cultivate into growing wings and specifications for connections and other drainage work. and September 15th. Minimum 25 gallons per tree per application. During the second growing season, water new plants at least every twenty days between April 1 and July 31 medium 48 hours prior to sodding. Apply separately from lime rior to commencing work, which may not be located on drawings and conduct work and once between August 1st and September 31st. Apply water at a rate and duration such that the water content reaches field capacity to the full depth of the growing lity services and be responsible for damage caused. .8 Sodding: Prepare a smooth, firm, even surface for laying sod. Lay sod staggered with sections closely butted, without overlapping or gaps, smooth and even with adjoining medium. Apply water again when the water content reaches 25% of field capacity. Provide and irrigate with water in the event that any automatic irrigation system malfunctions areas and roll lightly. Water to obtain moisture penetration of 3" to 4" (7 - 10cm). Comply with requirements of BC Landscape Standard Section 8, BC Standard for Turfgrass or has not been completely installed. Scheduled applications of water shall be missed only when rainfall has penetrated the soil fully as required .8.2 Mulch: Maintain mulches in the original areas and to the original depths. .8.3 Weed Control: Remove all weeds from all areas at least once per month during the growing season by hoeing or cultivation to a maximum depth of 80mm, hand-pulling, or, if .9 Maintenance: Begin maintenance immediately after sodding and continue for 60 days after Substantial Completion and until accepted by the Owner. Protect sodded areas necessary, by the use of herbicides. high points. Ensure barrel of each pipe is in contact with bed throughout full from damage with temporary wire or twine fences complete with signage until lawn is taken over by the Owner. Water to obtain moisture penetration of 3" to 4" (7-10cm) at .8.4 Pest and Disease Control: Inspect all planted areas for pests and diseases periodically and at least every two months during the growing season by an experienced person, Carry out treatment for pests or diseases promptly and consistently for maximum effectiveness. Comply with all B.C. Pesticide Control Act and municipal requirements. intervals necessary to maintain sufficient growth. Keep grass cut at height of between 1-1/2" (4cm) and 2" (5cm). Provide adequate protection of sodded areas against damage 8.5 Tree Support: Maintain stakes, guy wires and ties one full growing season. Check ties at least every two months to ensure that they are not causing a depression in the until the turf has been taken over by Owner. Repair any damaged areas, re-grade as necessary. Aeration may be required if in the Landscape Architect's opinion, drainage through the sod base medium is impaired. bark. Loosen, repair or replace ties as necessary. Remove all stakes guy wires and ties after the first growing season except where large trees require continuing support in the opinion of the Landscape Architect. All flagging of guy wires shall be visible and in good repair. .8.6 Pruning: Inspect all trees and shrubs at least every two months during the growing season; prune to remove all dead, weak or diseased wood. Maintain the natural shape .10 Acceptance of Lawn Areas: The turf shall be reasonably well established, with no apparent dead spots or bare spots and shall be reasonably free of weeds (to B.C. here indicated or as directed by Landscape Architect. of the plant. Carry out clipping or shaping only if required in the maintenance contract for specific varieties or conditions. Landscape Standard, Section 13 Maintenance Level 2 (Appearance). Use herbicides if necessary for weed removal unless other conditions of contract forbid their use. After the .8.7 Fertilizing: Once during the twelve month period of establishment maintenance fertilize shrubs, trees and groundcovers according to soil analysis requirements. lawn has been cut at least twice, areas meeting the conditions above will be taken over by the Owner. /n in details, minimum 100mm. .9 Grass Areas Establishmen .9.1 Watering: Use hoses and sprinklers, irrigation systems or other methods to apply water to Class 1 and Class 2 grassed areas (B.C. Landscape Standard, Section 7, Lawns 3.9 PLANTS AND PLANTING and Grasses) such that the grass is maintained in a turgid condition. Supply and irrigate with water in the event of any irrigation system malfunction, or incomplete installation .1 Conform to planting layout as shown on Landscape Plans. at no expense to the owner. Apply water to prevent packing or erosion of the soil. Apply water at a rate and duration so that the water content in the growing medium reaches field capacity to the full depth of the growing medium. Apply water again when the water content reaches 25% of field capacity. .2 Obtain approval of Landscape Architect for layout and preparation of planting prior to commencement of planting operations. .9.2 Weed, Insect and Disease Control: Inspect grass areas each time they are mowed for weeds, insect pests, and diseases and treat promptly when necessary by appropriate pendent laboratory. Provide test results to Landscape Architect prior to manual methods, or by the use of chemicals in compliance with the B.C.S.L.A./B.C.L.N.A. Landscape Standards latest edition. Kill broadleafed weeds in grassed areas by a general .3 Make edge of beds with smooth clean defined lines. application of a suitable herbicide if the weed population exceeds 10 Broadleaf weeds or 50 annual weeds or weedy grasses per 40 square meters. This application shall reduce the weed population to zero. .4 Time of Planting: .9.3 Fertilizing: According to soil analysis. .4.1 Plant trees, shrubs and groundcovers only during periods that are normal for such work as determined by local weather conditions when seasonal conditions are likely to .9.4 Liming According to soil analysis ensure successful adaptation of plants to their new location 9.5 Mowing and Trimming – All areas: The first four cuts shall be a sharp rotary type mower. Excess grass clipping shall be removed after each cut. Mow all grassed areas with a sharp reel or rotary mower when the grass reaches a height of 60mm. Mow to a height of 40mm. Edge with a mechanical vertical cutting edger once per year in March. port or spread growing medium when it is so wet that its structure is likely to be Remove all grass clippings after each cut. .5.1 All plant material shall conform to the requirements of the B.C. Landscape Standard, 7th edition 2008, unless exceeded by drawing Plant Schedule or this specification. .9.6 Aeration: Aeration not required in the first growing season, If necessary, in the second growing season, aerate in early May with a suitable mechanical corer. Core to a Refer to B.L. Landscape Standard, Section 9, Plants and Planting and in Section 12, BLLNA Standard for Lontainer Grown Plants for minimum standard depth of 100mm. (4"), and remove cores. must meet the specification for growing medium as defined in Table One for the .5.1.2 Refer to Plant Schedule for specific plant and container sizes and comply with requirements. .9.7 Repairs: Re-grade, re-seed or re-sod when necessary to restore damaged or failing grass areas. Match the grass varieties in the surrounding area. Re-sod, if required, .5.2 Plant material obtained from areas with less severe climatic conditions shall be grown to withstand the site climate. throughout the growing season. Re-seed between April 1st and April 15th or between September 1st and September 15th. Protect re-seeded areas and keep moist until the first .6.1 Review at the source of supply and/or collection point does not prevent subsequent rejection of any or all planting stock at the site. uniform layers not exceeding 6" (150mm), over unfrozen subgrade free of Availability 7.1 Area of search includes the Lower Mainland and Fraser Valley. Refer to Plant Schedule for any extension of area. .7.2 Supply proof of the availability of the specified plant material within 30 days of the award of the Contract. 8 Substitution .8.1 Obtain written approval of the Landscape Architect prior ro making any substitutions to the specified material. Non-approved substitutions will be rejected. .8.2 Allow a minimum of 5 days prior to delivery for request to substitute. - width shall be at least twice the width of the root ball with saucer shaped .8.3 Substitutions are subject to BC Landscape Standard - definition of Conditions of Availability. .9 Plant Species & Location: .9.1 Plants shall be true to name and of the height, caliper and size of root ball as shown on the landscape/site plan plant schedule. Caliper of trees is to be taken 6" (15cm) above grade. .9.2 Plant all specified species in the location as shown on the landscape drawings. Notify Landscape Architect if conflicting rock or underground/overhead services are encountere .9.3 Deviation of given planting location will only be allowed after review of the proposed deviation by the Landscape Architect. of slab (verify column locations on-site for tree locations.) .10 Excavation: .10.1 Trees and large shrubs: Excavate a saucer shaped tree pit to the depth of the rootball and to at least twice the width of the rootball. Assure that finished grade is at the original grade the tree was grown at. .11 Drainage of Planting Holes: into existing grades. .11.1 Provide drainage of planting pits where required. ie. on sloped conditions, break out the side of the planting pit to allow drainage down slope; and in flat conditions, mound to raise the rootball above impervious layer. Notify the Landscape Architect where the drainage of planting holes is limited. .12 Planting and Fertilizing Procedures: .12.1 Plant all trees and shrubs with the roots placed in their natural growing position. If burlapped, loosen around the top of the ball and cut away or fold under. Do not pull fined as rough grass between all property lines of the project including all burlap from under the ball. Carefully remove containers without injuring the rootballs. After settled in place, cut twine. For wire baskets, clip and remove top three rows of .12.2 Fillthe planting holes by gently firming the growing medium around the root system in 6" (15cm) layers. Settle the soil with water. Add soil as required to meet finish .1.1.3 grade. Leave no air voids. When 2/3 of the topsoil has been placed, apply fertilizer as recommended by the required soil test at the specified rates. .12.3 Where planting is indicated adjacent to existing trees, use special care to avoid disturbance of the root system or natural grades of such trees. .12.4 Where trees are in lawn areas, provide a clean cut mulched 900mm (3 ft.) diameter circle centered on the tree. each year. Further extensions may be obtained on concurrence of the Landscape .13 Staking of Trees: .13.1 Use two 2"x2"x5' stakes, unless superseded by municipal requirements. Set stakes minimum 2 ft. in soil. Do not drive stake through rootball. .13.2 Leave the tree carefully vertical. be No. 1 grass mixture delivered in containers bearing the following information: .13.3 Tie with pre-approved commercial, flat woven polypropylene fabric belt, minimum width 19mm (3/4"). Approved product: ArborTie - available from DeepRoot. .13.4 Coniferous Trees over 6 ft. height: Guy with three 2-strand wires (11 gauge). Drive three stakes equidistant around the tree completely below grade. .13.5 Trees 6 ft.+ on Wood or Concrete Decks: Guy as above using three deadmen (min. 2'x2"x4") buried to the maximum possible depth instead of stakes. .13.6 Mark all guy wires with visible flagging material. hace subject to client approval. .14 Pruning: .14.1 Limit pruning to the minimum necessary to remove dead or injured branches. Preserve the natural character of the plants, do not cut the leader. Use only clean, sharp tools. Make all cuts clean and cut to the branch collar leaving no stubs. Shape affected areas so as not to retain water. Remove damaged material. Wildflowers) with Hard Fescue or pre-approved alternate. .15.1 Mulch all planting areas with an even layer of mulch to 2-1/2 - 3" (65 - 75mm) depth. Confirm placement of mulch in areas labeled "Groundcover Area" on drawings. Mulch a num 35% water soluble nitrogen and a formulation ratio of 18-18-18 - 50% 3 ft. (900mm) diameter circle around trees in lawn areas, leave a clean edge. .16 Acceptance: ate seed into the top 1/4" (6mm) of soil and lightly compact. .16.1 The establishment of all plant material is the responsibility of the Landscape Contractor. have been met. Comply with Section 3.7 Hydroseeding 7 Plant Material Maintenance .17.1 Maintain all plant material for 60 days after landscape work has received a Certificate of Completion. .17.2 Watering: Conform to B.C. Landscape Standard, Section 13.3.2 - Watering and generally as follows: .17.2.1 Water to supplement natural rainfall such that the soil moisture content is kept to 50% to 100% of field capacity. Water to the full depth of the root zone each time. The Owner is responsible to supply water at no extra cost to the Contract. Confirm source of water prior to beginning work. .17.3 Use appropriate measures to combat pests or diseases damaging plant material. Comply with all local governing statutes and guidelines for chemical control. .17.4 Plant material which fails to survive shall be replaced in the next appropriate season as determined by the Landscape Architect. .17.5 Repair tree guards, stakes, and guy wires, when necessary. .17.6 Maintain areas relatively weed free. (Appearance level 2, B.C. Landscape Standard, Chapter 13). .17.7 Maintain mulch to specified depths. y trees, shrubs, or other susceptible vegetation. Do not spray seed or mulch on .18 Plant Warranty ference points, monuments, markers and structures from damage. Where .18.1 Replace all unsatisfactory plant material except those designated "Specimen" for a period of one (1) year after the Certificate of Completion. Replace all unsatisfactory dscape Architect plant material designated "Specimen" for a period of two (2) years after the Certificate of Completion. Replace all unsatisfactory trees and shrubs and continue to replace these until the specified number is complete and satisfactory to the Landscape Architect. Such replacement shall be subject to the notification, inspection and approval as ng and dyed for ease of monitoring application. If using recycled paper material specified for the original planting, and shall not constitute an extra to the Contract. .18.2 Those Plants, identified as hardy within one zone of the Canada Department of Agriculture tonal class for the area, specified by the Landscape Architect and installed by the Landscape Contractor which are killed through below normal temperatures (below the average of the extreme minimum temperatures officially recorded in the area seeding or may be harmful to the environ

concerned, in the last 10 years), will not be replaced without cost of replacement borne by the Owner .18.3 A review may be requested during the latter part of the warranty growing season. All plant material showing well developed foliage, healthy growth and bud forming, will then be taken over.

PART THREE SOFT LANDSCAPE DEVELOPMENT - CONT

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SEAL:

| 6 | 21.JUL.28 | REAR BUILDING RELOCATED | BJ |
|-----|-----------|---|----|
| 5 | 22.07.13 | TREES ADDED, SETBACK REV., BLDG SHIFTED | BJ |
| 4 | 21.09.23 | LANDSCAPE BUFFER TABLE ADDED | |
| 3 | 21.APR.21 | LANDSCAPE BUFFER DIMS ADDED | BJ |
| 2 | 21.MAR.01 | DP SUBMISSION | BJ |
| 1 | 21.FEB.16 | COORDINATION - IN PROGRESS | BJ |
| NO. | DATE | REVISION DESCRIPTION | DR |

CLIENT:

PROJECT:

NINE PEAKS

1590 PIERCY AVENUE COURTENAY, BC

DRAWING TITLE:

SOFT LANDSCAPE **SPECIFICATIONS**

DATE: SCALE: DRAWN: DESIGN:

CHK'D:

20.09.20 NA BJ

DRAWING NUMBER:

OF 5

PCM

20114-6.ZIP PMG PROJECT NUMBER