RESPONSE TO DESIGN ADVISORY PANEL RECOMMENDATIONS

2545 DOCTORS ROAD, NANAIMO

Development Permit Application: DP001238-2545 Doctors Rd

Per: 2545 DOCTORS ROAD, NANAIMO

Received: 2021-SEP-01

Hi Lainy,

Please accept this note as a brief of the changes made to the design to address the DAP comments received:

1. Consider additional articulation and variation in materials for all buildings with particular attention to weather protection at building entrances.

Deck extensions have been added to all Blocks to provide better weather protection at all building entrances. Angled post and beam deck supports add additional variation of materials to the entrance as well.

2. Consider increased bio-diversity in plant selection and quantities throughout the site.

Increased quantities and bio-diversity of plantings. Focus was given to flowering species for visual interest, and to attract bees and insects.

3. Provide a more refined landscape plan with a focus on pedestrian experience.

Landscape plan has been revised to the suggestions and advice of committee by adding defined paver stamped concrete pathways with lighting, increased bio-diversity, seating area, and easily accessible short-term bike storage.

4. Consider a variation in texture, material, and pattern for the paved areas.

Pedestrian walkways have been changed to paver style stamped colored concrete. This aids in understanding flow paths through the site.

- 5. Take cues for the form and character and landscape design from the surrounding neighborhood.

 Plant selection has been updated and influenced by surrounding landscape.
- 6. Provide more details regarding the height and materials for the proposed retaining walls.

Maximum retaining wall height is 1.5m for all locations with a width of 0.2m. Retaining walls consist of form lined colored concrete which give a realistic rock wall look with the structural benefits of a concrete wall.

7. Consider enhancing the amenity area with trellises and further landscaping.

A pergola has been added to the rear of block 1, which includes an additional planting bed and short-term bike storage.

8. Provide information regarding site lighting.

Low voltage site lighting has been added to pedestrian walkways and parking area.

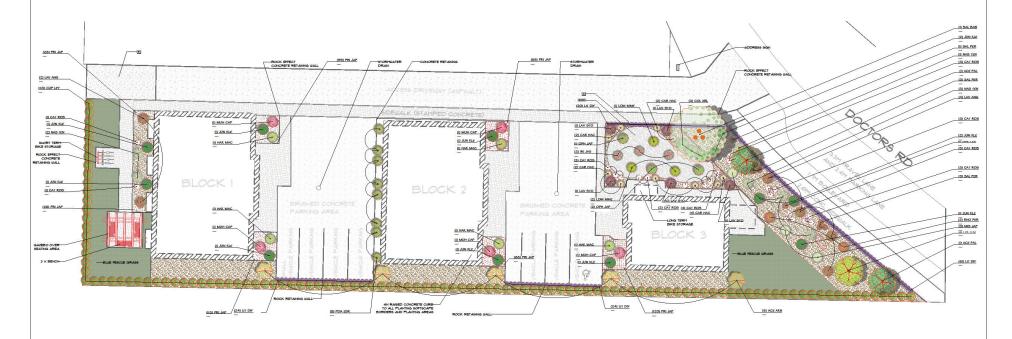
Regards,

Jeff Holmes,

Climate Landscaping



FOR REVIEW



CLIENT: MCMANN HOMES

2640 STEVE ELLIS ROAD, NANAIMO, BC, V9R 0J7

SCALE	5m	10m	15m
40	'-0"	30'-0"	50'-0"

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	ICATIONS	6.0.1	
1.0	GENERAL		
1.0.1	REFERENCEs for all Landscape work will refer to: The Canadian Landscape Standard - Latest Edition, published jointly by Canadian Society of Landscape Architects (CSLA) and Canadian Nursery Landscape Association (CNLA).	5.0.19	During the growing season, store all plants in containers, balled and burlapped or wire basket in an upright position if not planted immediately and take core to provide enough space between plants such that light reaches all portions of the plant in order to avoid burning planted out.
1.0.2	SITE CONDITIONS The Location of all adulting utilities are to be confirmed prior to the installation of any landscaping. Before, to site Plans, Chill Engineering documents. Also refer to BC1Call documents for Chystritiliss	5.0.20	Protect rootballs of balled and burlapped material by heeling in with material suitable to protect them from drying out (ii.e. sawdust, pear mass, topsoil). Do not store containerised and burlapped plants intended to be planted in the open in a building or in an erea of low intensity light for a period exceeding 7 days. Keep all plants well watered and protected from heat and foct.
1.0.3	servous. The landscape contractor should give adequate notice prior to project kick off to allow a site meeting between the talkeholders to review site plans, documents and landscape plan and any affecting change orders.	5.0.21	Pants that be acclimatized against the environmental conditions of their final planting location and shall not be taken directly from shade houses or greenhouse and planted in a drastically different environment. Preparation for the new environment housid include an appropriate period of strage in an immediate environment, managing fertilize applications to avoid excessively jush growth and provisation of a graduated watering regime.
2.0	EXISTING PLANT MATERIAL	5.0.22	The Landscape Contractor shall leave the work areas clean, tidy and safe on a daily basis.
	This section is not applicable.	5.0.23	All plnat materials shall be guaranteed in writing to the owner for one year against death due to unhealthy
3.0 3.0.1	GRADING The General Contractor shall have the responsibility to establish all sub-grades to allow for landscape installation to levels and contours specified on the landscape design drawings.		supply and/or improper installation conditions and/or wrong selection of species or variety of plants. The one year period should begin at the date of Landscape Contractors final invoice.
		6.0.1	TREE PLANTING
3.0.2	Remove and dispose to approved off-dite disposal area all debris, building material, confaminated subsoil, visable invasive plants and anything else that may nterfere with proper growth and development of planned finished landscape.	6.0.1	Tree planting pils shall be excavated to the dimensions indicated in the drawing. Pil sides whereever possible shall be dug with siping sides of a preferred angle of 45 degrees, scarafied to remove glazing and providing a roughened soil interface. A minimum 300mm depth scarafied layer of native soil shall be created in the bottom of the tree pil. Remove all stanss larger than 75mm.
3.0.3	The sub-grade shall be scarffied to a minimum depth of 150mm immediatley before placing growing medium or drainage material.	6.0.2	Roughen bottom and sloping side surfaces of tree pit to remove glazing and provide a roughened soil interface prior to placement of tree and subsoil. Adjust elevation under where tree is to be placed so that the
3.0.4	Grade transitions of sub-grade shall be smooth and even, such that ponding cannot occur on sub-grade surface.	6.0.3	nursery soil line on the free trunk will be 50mm above firsh grade for settlement. Remove wire basket prior to placement in planting pit. With the free in the planting pit until and remove
3.0.5	Grade and sub-grade elevations fi within the tolerances given below: Rough grades to follow the depths below finished grades, 150mm from grassed areas, 300mm for omamental arrasses, perennials and granufactoryers. 450mm for shubs:	6.0.3	kernove whe bases prior to padement in praining pit. With the free in the planting pit unite and remove burlap and cord from the top 1/3 portion of a balled and burlapped rootball. Completely remove, with care, imperishable containes from container-grown or bag-grown frees.
10	GROWING MEDIUM	6.0.4	Trees with the following defects shall be replaced at the contractor's expense: (a) Lack of rootball integrity;
1.0.1	All topical, imported or on-site, shall be tested and modified as required. When bidding a contractor must test the proposed sol and include the required modifications in the price for the work. Current soil analysis reports must be done and signed by a pre-approved analytical aboratory. A copy of the spoil analysis must be sent		(b) Broken or abraded structural or main roots; (c) Presence of fungal mass or fruiting bodies and discolouration; (d) Poor root development with few fibrous roots, or:
	to the Landscape Designers office.	6.0.5	(e) Any other evidence of pathogenic or accidental injury.
1.0.2	Growing medium shall be placed at the following depths: 150mm for seeded areas, 300mm for ornamental grasses, perrennials and groundcovers, 450mm for shrulos and 1 c.u. m for trees.	6.0.6	Unwap and spread out encircling roots and tease out roots growing at the outside of the rootball. The time shall be installed plumb and faced to provide the best appearance towards the primary viewing location, as determined by the Landscape Designer.
1.0.3	Where native soil remains in good condition no additional topsoil needs to be added but it may be amended to the recommendations in the soil test.	6.0.7	Place 2/3 depth of the topsoil and water to remove air voids.
1.0.4	to the recommendations in the soil test. Topsoil shall not be worked in wet or frazen conditions or in any manner in which the soil structure is adversely affected.	6.0.8	If indicated in the construction drawings, then prior to completion of backfilling, place tree stakes, avoiding penetration of the root system. Stakes shall be adviven plumb and to a sufficient depth in the subgrade that the portion exposed above fisished grade = 1 metre height.
5.0	PLANTING - GENERAL CONDITIONS	6.0.9	Place remaining 1/3 of topsoil lightly boot tapping to remove air voids ensure soil level does not exceed
5.0.1	All plants and planting to meet the Standards of Canadian Society of Landscape Architects (CSLA) and	6.0.10	original nusery soil line. Form earth saucer to retain water over root ball and water in the tree. Secure tree to stakes with counter-tensioned, non-twisted loops of 19mm polypropelene webbing stapled
.0.2	Canadian Nursery Landscape Association (CNLA). Plants shall be characteristic of the genus, species and cultivar as indicated on the construction drawings and	6.0.11	to the stakes. Place 75mm or bark mulch over soil surface.
.0.3	those specified. All plants shall be nursery grown under similar climatic conditions to the project site. Plants shall not be pruned		
	prior to delivery unless pre-approved by the Landscape Designer.	7.0.1	SHRUB AND GROUND COVER PLANTING Shrub beds shall be a total of a 450mm layer of ammended topsoil and a 50mm layer of bark mulch.
	Container stock shall have been established in the size of container specified for at least 6 months prior to delivery. The roots shall not have grown beyond the limits of the container.	7.0.2	Areas of ground covers shall a total of a 300mm layer of ammended topsoil and a 50mm layer of bark malch.
5.0.4	It is the Confractor's responsibility to verify an comply with all regulations regarding the inter-regional movement of plant material, including nursely stack, within the Province of British Columbia. Imported plant materials must be accomparried by copies of the necessary permits and import licenses required by federal and provincial regulations.	7.0.3	Excavate individual pits in the placed topsoil mix for shrubs, to the same depth as the container holding the shrub and 1.5 fines the width of the container. Place shrubs to show the best side towards the primary viewpoint. Water shrubs in the pits prior to backfilling with the fainting medium.
5.0.5	Plants shall be properly proportioned: not weak, thin or elongated.	7.0.4	Rake shrub and ground cover beds to a smooth surface prior to placement of 50mm depth of bank mulch
5.0.6	Plants shall have normal, well developed branches and vigorous, fibrous root systems. They shall be healthy and	7.0.5	layer. Plant ground covers throught bank mulch layer into the 'A' horizon layer below. The Contractor shall not plant
	free from defects, decay, girdling roots, sunscald injuries, abrasions of the bank and plant diseases, insect pests' eggs, borers and all forms of infestation.	7.0.6	ground covers into the mulch layer without full root burial into the soil. Rake mulch layer to a smooth finish grade and water bed.
5.0.7	Tress have straight stems unless characteristic for the species. Pruning wounds shall show healthy callous growth at the branch collar without bark tearing or fungal growth. Cambium tissue shall be moist and exhibit the correct	8.0	PRUNING
	colouration for the species. Plants exhibiting fungal staining shall be rejected.	8.0.1	Trees which at the time of planting require the removal of damaged or diseased branches larger than 12mm
8.0.8	All plant materials shall conform to the measurements specified in the drowings except that plants larger than specified may be used if approved by the Landscrape Designer. The use of these plants shall not change the contract price. If the size of the plant is increased than the ball of earth shall also be increased in the same	8.0.2	diameter, that have broken leader, or that have a damaged funk, will be rejected by the Landscape Designer Pruning shall be limited to the minimum necessary to remove dead or damaged secondary branches or twigs, or to provide safe head room adjacent to streets or sidewalts. Pruning shall be done in such a manner as to
	proportion as the size of the plant. All plants shall be measured when the branches are in their normal position. Height and spread dimensions specified refer to the main body of the plant. Where trees are measured by caliper, reference is made to the diameter of the trunk measured 300mm above	8.0.3	preserve the natural character of the plant. For pruning outs 12mm diameter or smaller use clean sharp secateurs. The out shall be perpendicular to the branch angle and located at the outside edge of the branch collar only.
509	the ground as the frees stands in the nursery. Native plants shall be propagated in nurseries and not harvested from wild sites, except where salvaged from	9.0.	MULCH
5.0.7	an one where the native vegetation will be destroyed and authorization for the harvest has been obtained. All collected native plants shall be held and maintained in a nursery until new roots have formed through burkap or other subtable packing material, or in the case of containerized plants, until such time that the roots grow to	9.0.1	Bark mulch shall be 50mm and minus Douglas Fr / Hernlock bark chips, dark brown in colour and shall be virtually free of invasive and noxious seeds and reproductive parts, soil, stones, salts or other harmful chemicals, or other extraneous matter that would prohibit seed germination or the healthy development of plant materials.
	fill and hold the sail within the container.	10.0.	IRRIGATION
5.0.10	Collected plants shall not be used with prior approval in writing by the Landscape Designer. Balled and burlapped conflors and trees in excess of 3 metres in helph must have been dua with a sufficiently	10.0.1	An irrigation system is to be designed and installed by Landscape Contractor.
	large firm rootball to contain 75% of the fibrous and feeder root system. Rootballs shall be free of invasive weeds.	10.0.2	All work to conform to the BC Plumbing Code as ammended to installation date. All workmanship is to be to Inigation Industry Association of BC (IIABC) standards, latest edition.
5.0.12	Keep plants in a moist condition at all times. Protect all plants against damage and/or drying out until they are planted on the site.	11.0.	RETAINING WALLS Retaining walls should be subject to local building codes and General Contractor drawings and schedules.
5.0.13	During loading, transportation, off-loading and planting, protect all trees against damage to stems and branches. Protect bank against chaffing from chains, cables, equipment or other trees by a wrapping of cardiocard or burlap. Separate enlangled tree branches without damage to the branches.	10.0.1	and the second s
5.0.14	Plants with broken or abraded trunks or major branches will not be acclepted. Prune damaged twigs to specific pruning guidelines using secateurs.		
5.0.15	Immediately cover and protect bare root stock from damage to roots by frost, sun and wind.		
i.0.16	$Handle\ materials\ supplied\ in\ pots\ and\ containers\ by\ the\ container\ only\ to\ reduce\ breakage\ of\ branches\ and\ leaves.$		
5.0.17	Handle balled burlapped plant materials with caution to maintain firmness of the balls. No plants shall be used when		

PROJECT:				CLD-1033-PLT-00	1 002	CLD-1033	MAY 2021		CLINANTE
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2545 DOCTORS RD, NANAIMO				DRAWING NO.	SHEET	PROJECT NO.	DATE:		LANDSCAPE & DESIGN
TITLE:	A2	ME	06/08/2021	AS SHOWN	A A E	101	A2	PO BOX 41090 RPO WOODGROVE	
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LANDSCAPE PLAN - SPECIFICATION	REVISION:	INITIAL:	DATE:	SCALE: D	RAWN:	CHECKED:	REVISION:	PH: 250-240-5009	



DESIGN RATIONALE

CONTEXT

The site lies on the west side of Doctors Road. The existing lot is bare, except for three dead cedars on the roadside of the site.

The site has no natural screening, though the south adjacent lot has native cedars, fir, and alders providing some level of separation.

DESIGN CONCEPT

The objective of the landscape design is to create a setting for the McMann Homes town house development.

The front of the lot is the focal point of the landscape design, which employs a combination of drought resistant grasses, evergreen shrubs, stone, and colorful deciduous trees.

This also acts as a privacy buffer for the planned single residence.

Planting

The planting design and choices compliment the strong contemporary and structural elements of the buildings.

The southern lot hedging [Leylandii] will provide an effective privacy screen between the properties.

The shrubs will be evergreen with textured leaves and architectural forms, some light and movement will be provided by planting ornamental grasses.

DETAIL

The stormwater management feature includes a bioswale along the northeast corner of the property.

This will collect and slow water movement to the lowest point of the property.

REFERENCE NOTES SCHEDULE

SYMBOL DESCRIPTION DETAIL

1 Fine Dark Mulch

2 Stamp effect concrete.
For pedestrian and light vehicular applications.

3 Asphalt

1/2in Blue Chip

SYMBOL DESCRIPTION

K-101 2in to 4in River Rock

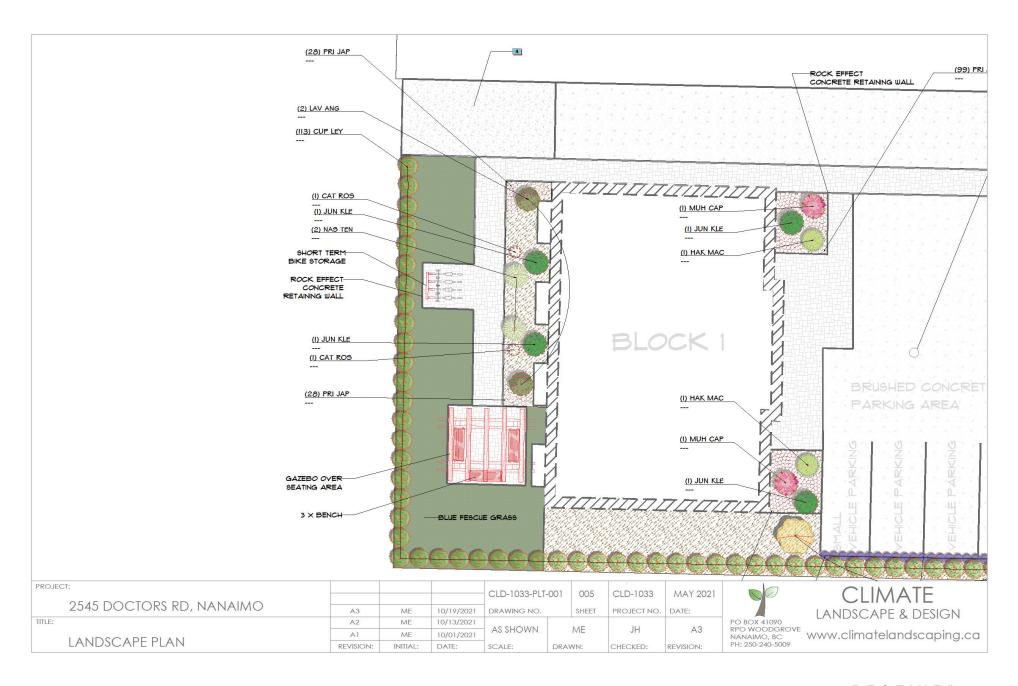
TREES	CODE	BOTANICAL / COMMON NAME	SIZE		QTY	DETAIL	REMARKS
	ACE PAL	Acer palmatum / Japanese Maple			2		
(A)	ACE AKN	Acer palmatum 'Akane' / Akane Japanese Maple			5		
*	PIN THU	Pinus thunbergii / Japanese Black Pine	-		1		
	SAL BAB	Salix babylonica / Weeping Willow	_		1		
(1)	CUP LEY	x Cupressocyparis leylandii / Leyland Cypress	-		113		
SHRUBS	CODE	BOTANICAL / COMMON NAME	SIZE		QTY	DETAIL	REMARKS
0	CAR HAC	Carex hachijoensis 'Evergold' / Evergold Japanese Sedge			10		
0	CAT ROS	Catharanthus roseus / Periwinkle	-		23		
0	COL XBL	Colocasia x 'Black Ripple' / Black Ripple Elephant Ear			3		
0	HAK MAC	Hakonechloa macra / Japanese Forest Grass	-		5		
0	IRI JA5	Iris ensata / Japanese Water Iris	-		3		
	JUN KLE	Juniperus chinensis 'Klehm Compact' / Chinese Juniper	-		12		
	LAV ANG	Lavandula angustifolia / English Lavender	***		6		
	LAV STO	Lavandula stoechas / Spanish Lavender	_		5		
	LIT DIF	Lithodora diffusa 'Grace Ward' / Grace Ward Lithodora	-		139		
0	LOM MME	Lomandra longifolia longifolia / Spiny-headed Mat Rush	_		3		
0	MIS JAP	Miscanthus sinensis / Eulalia Grass	-		3		
	MUH CAP	Muhlenbergia capillaris / Pink Muhly Grass	-		5		
	NAS TEN	Nassella tenuissima / Mexican Feather Grass	-		6		
0	OPH JAP	Ophiopogon japonicus / Mondo Grass			3		
0	POA ESK	Poa labillardieri 'Eskdale' / Tussock Grass	_		8		
0	PRI JAP	Primula japonica / Japanese Primrose	-		556		
	RHO PER	Rhododendron periclymenoides / Pinxterbloom Azalea	_		2		
0	SAL PER	Salvia nemorosa / Meadow Sage			8		
SOD/SEED	CODE	BOTANICAL / COMMON NAME	SIZE	SPACING	DETAIL	REMARKS	
	TUR CAN	Turf Sod Canadian Blue Fescue / Canadian Blue Fescue	_				

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	2545 DOCTORS RD, NANAIMO				DRAWING NO.	SHEET	PROJECT NO.	DATE:		LANDSCAPE & DESIGN
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	LANDSCAPE PLAN - SCHEDULES	REVISION:	INITIAL:	DATE:	SCALE:	DRAWN:	CHECKED:	REVISION:	PH: 250-240-5009	



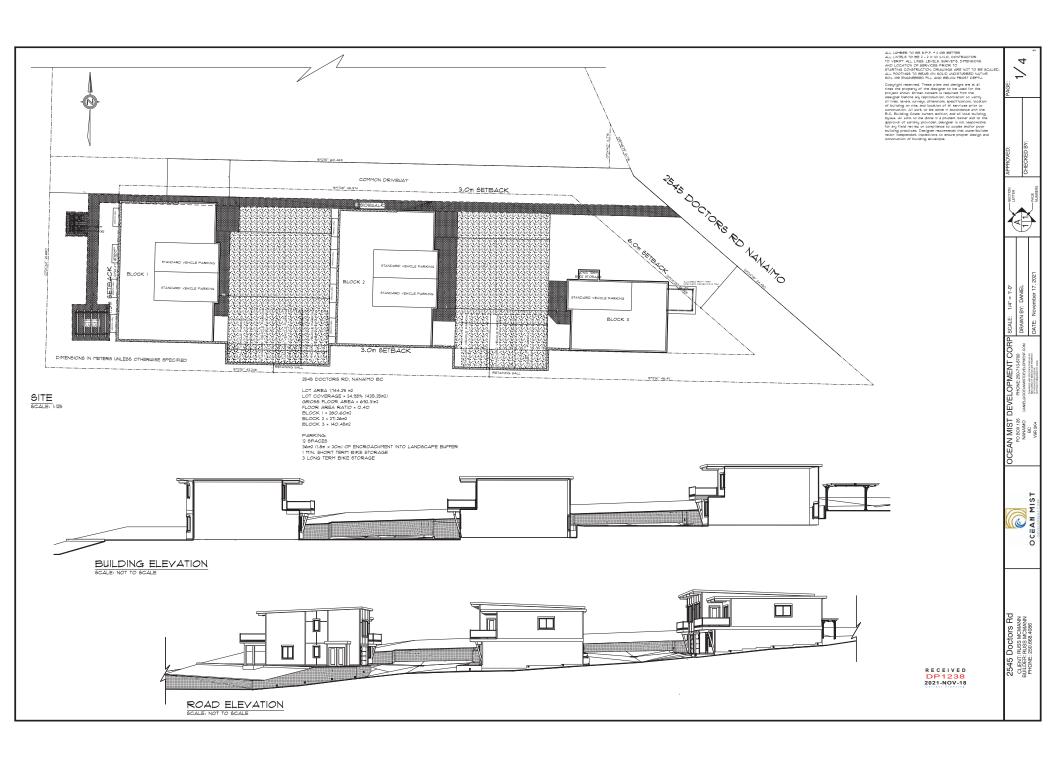


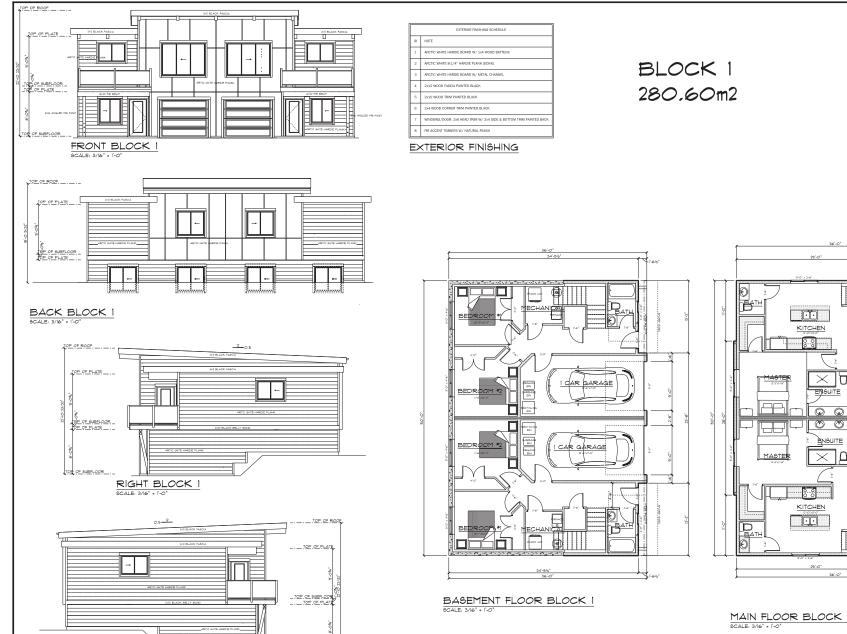












LEFT BLOCK 1 SCALE: 3/16" = 1'-0"

ALL LIMBER TO BE 6.P.F. * 2 OR BETTER
ALL LIMBER TO BE 2 - 2 X IO U.N.O. CONTRACTOR
TO VERRY ALL LIMBE, LEVELS, BEXEVEYS, DIPENSIONS
AND LOCATION OF SERVICES PRICKS TO
STARTING CORRESSIONATION, OR SERVICES FROM TO TO BE SCALED.
ALL ROOTINGS TO BEAR ON SOLID UNDISTURBED NATIVE
SOLIC OR INSURBERED FILL AND BELICUTIVEOS TOPICS
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OCEAN MIST DEVELOPMENT CORP PO BOX 128 NAMMO DANE DECOMMENSEL DIVERSION BC ENTREMEMBER TOWN

OCEAN MIST

2545 Doctors Rd CLIENT: RUSS MCMANN BUILDER: RUSS MCMANN PHONE: 250.668.4086

MAIN FLOOR BLOCK 1

RECEIVED DP1238 2021-NOV-18

