





VIEW OF THE PROPOSED OPTIMA 3 TOWERS (AFTER OBTAINING THE HIGH DENSITY THAT IS UNDER STUDY) ALONG UNIVERSITY DRIVE

# **Optima** NOT ALL HOMES ARE CREATED EQUAL

You select a high-rise home for a combination of reasons. The location. The view. The internal layout of the units. The price. Never would you consider asking about the concrete that makes up the building core. And why should you? There's no point of difference. Until now that is, because now there's insulated high strength concrete and steel residence towers that incorporate breakthrough technology in construction. Innovative thinking that will give its residents more home than they ever imagined. And all for a price that is considerably less than they expected. That residence is **Optima** – the first residential towers of its kinds.

<u>IMPORTANT DISCLAIMER</u>: The optima project was never built and contrary to the false claims of Fanuc/GE that were successfully advanced <u>unfortunately</u> in Court, that IHI built the Optima Project in 2005 – 2006 USING Fanuc/ GE Defaulted System that they installed at IHI's R&D Manufacturing Facility in 2000 – 2001. <u>Again</u>, currently the site is still empty.

This document can not be construed by any means as any type of offering, and strictly a technical case study in a very new and vibrant downtown.

The Development Company of the Optima Towers owned/controlled by the President's Mother, has entered into an agreement with IHI to build the Center and feature some of the advanced details for the Optima high-rises to allow International first class advanced equipment suppliers to bid for the solution to automate the cutting and welding process at the IHI R&D and Manufacturing Facility in Delta, BC., after the above mentioned Fanuc/GE default.

## Optima The beauty of a brilliant concept



This remakable and advantageous technology perfectly blends science and art, gving Optima's consultants the opportunity to design a building that is as attractive and functional as it is strong, safe and durable.

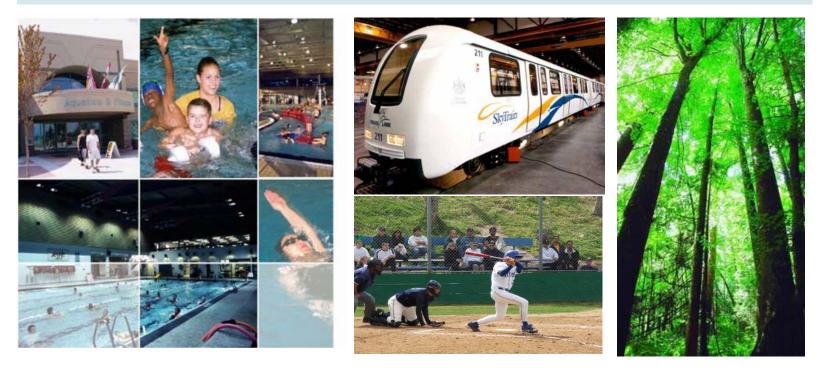
Rising 30, 33 and 39 storeys above the heart of the New Surrey City Center, one of North America's fastest growing communities, Optima is providing 129 homes for the first phase (30 storey tower), 187 for the second phase (33 storey tower) and 293 for the third phase (39 storey tower). Select from bachelor suites starting at 350 square feet; one bedroom homes starting at 624 square feet, two bedroom homes starting at 1,173 square feet., or 2 level penthouses up to 2,067 square feet.

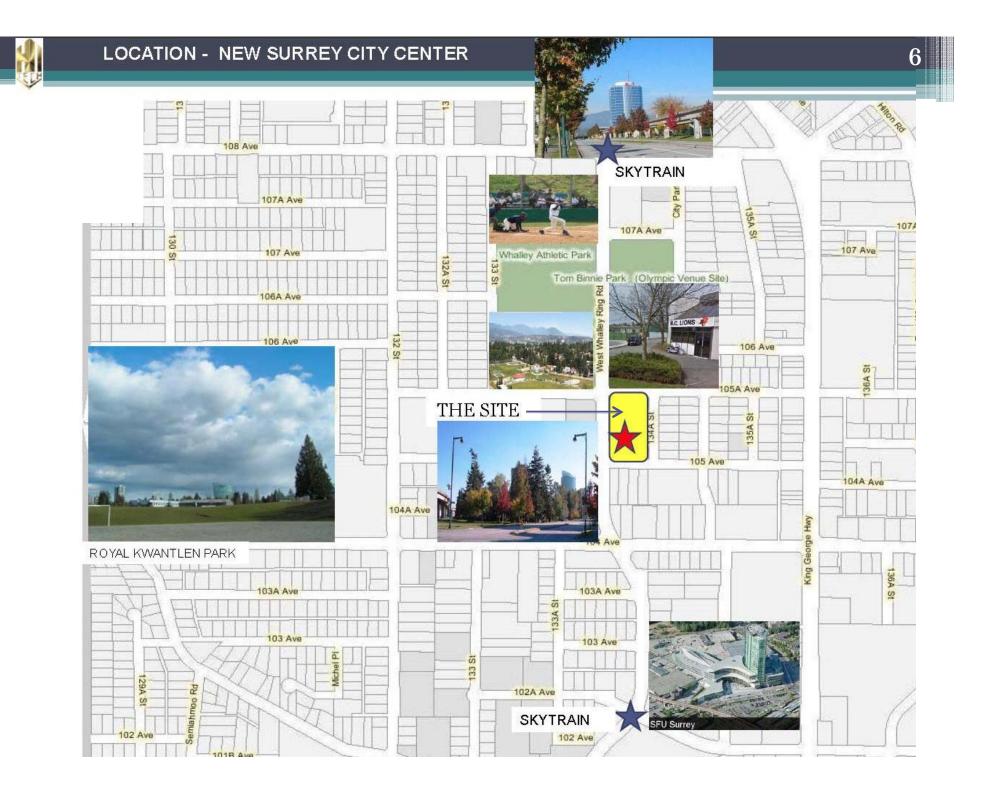
With just four exclusive residences per floor in tower 1, 6 in towers 2 and 8 in tower 3, the majority of homes will offer three exterior walls, a feature that optimizes living space, walls and windows, natural light and endless views.

### LOCATION

Surrey is the 12<sup>th</sup> largest city in Canada and the second largest in British Columbia. The City of Surrey and the Vancouver Organizing Committee for the 2010 Olympic and Paralympic Winter Games (VANOC) signed a joint agreement that enabled Surrey to act as a Venue City for the 2010 Winter Games

- Approx. 19 km. from Vancouver City center.
- One block from sky train station.
- One block from the regional bus terminal.
- Core of the New Surrey City Center and adjacent to recreational centers.
- 8 km from IHI's manufacturing facility in Delta, BC.





#### PERSPECTIVE VIEW OF THE VERY NICE FUTURE SURREY CITY HALL





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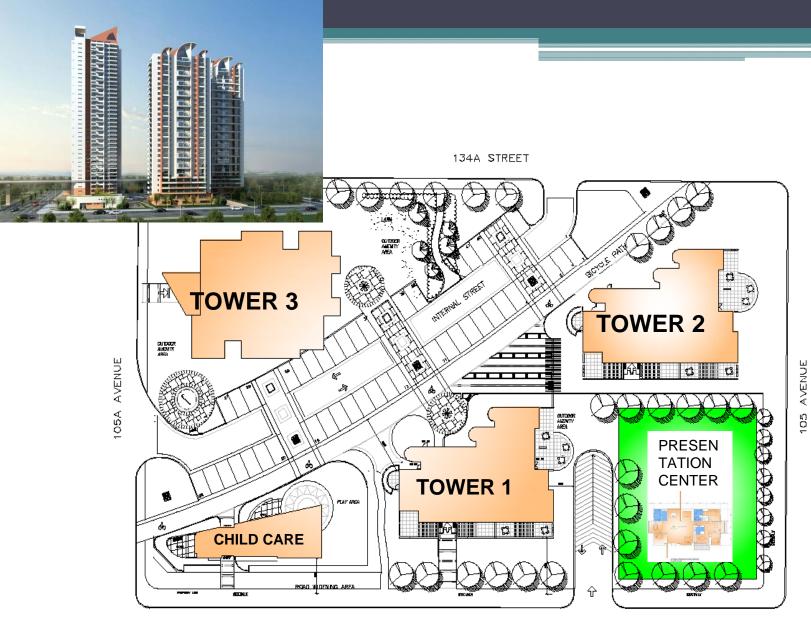


THE PANNED DOWNTOWN CENTRAL PLAZA WITH THE SURREY CITY HALL IN THE BACKGROUND AND THE NEW SURREY LIBRARY ON THE LEFT SIDE (ONLY ONE BLOCK SOUTH OF THE OPTIMA SITE)

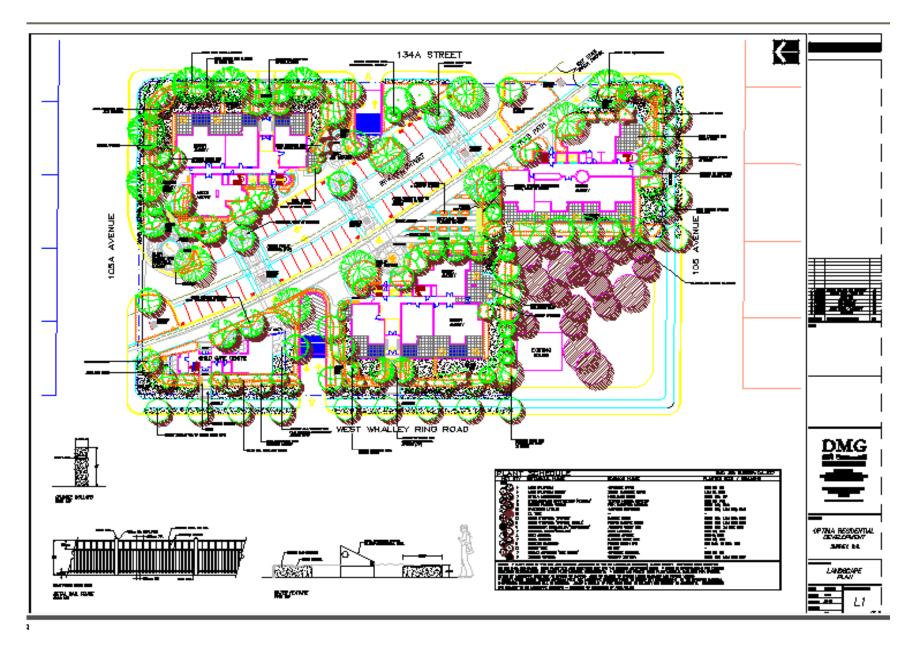


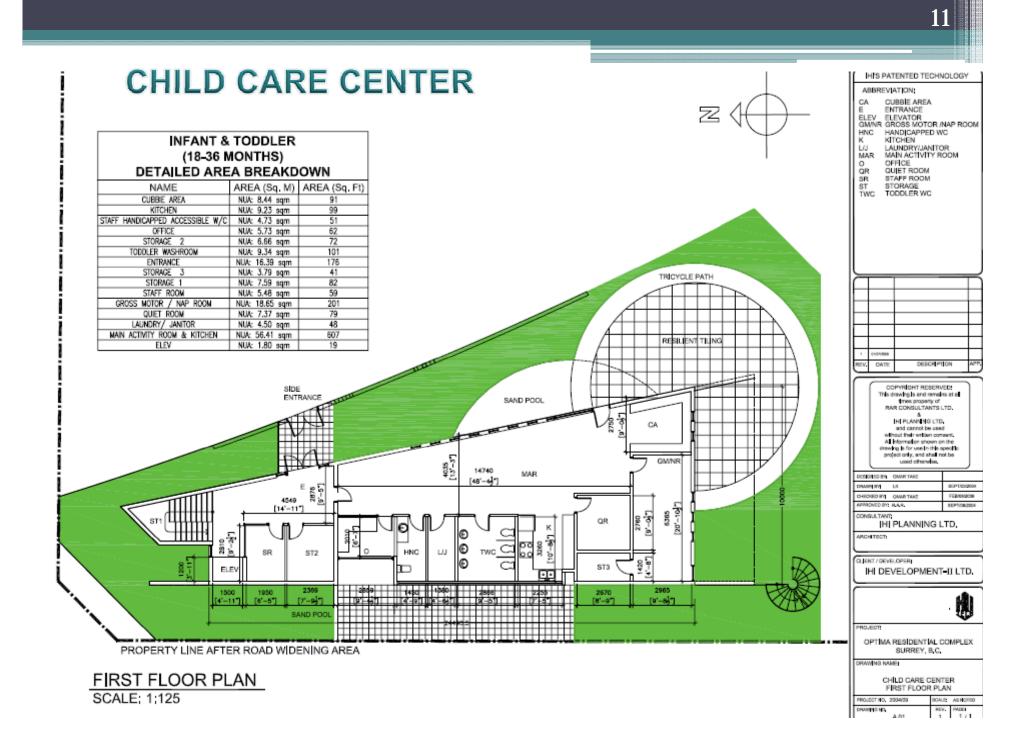
## SITE PLAN

UNIVERSITY DRIVE



### LANDSCAPE ARCHITECTURE BY DMG LANDSCAPE ARCHITECTES





MODEL



REAR VIEW



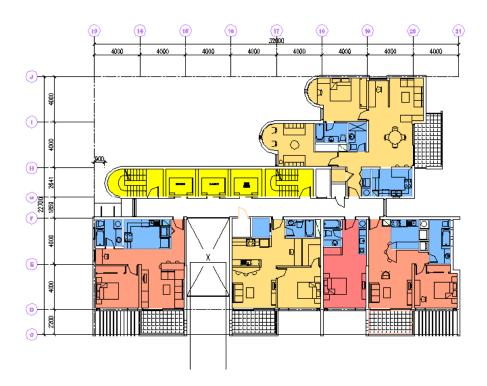
OPTIMA - TOWER 1 30 STOREYS

PLAN	BR	BATH	SIZE(M2)	SIZE(FT2)	QTY	TOTAL(M2)	TOTAL (FT2)
BACH	1	1	33		1	33	355.08
				0		0	0
1			102	1095	18	1836	19710
1A			70	759	1	70	759
1B			66	714	1	66	714
2			67	721	9	603	6489
2A			58	624	9 9	522	5616
2C			75	813	1	75	813
3			102	1095	17	1734	18615
3A			104	1118	1	104	1118
3B			62	671	1	62	671
4			109	1170	17	1853	19890
1A	1	1	66	710.16	18	1188	12782.88
1B	1	1	69.6	748.896	18	1252.8	13480.128
1C	1	1	56.76	610.7376	9	510.84	5496.6384
1D	1	1	58.49	629.3524	9	526.41	5664.1716
1E	1	1	60.86	654.8536	9	547.74	5893.6824
PH1	3	2	185	1990.6	1	185.6	1997.056
PH2	2	2	170	1829.2	1	170	1829.2
TOTAL SI	ELLABLE A	11339.39	121893.8364				
BALCONIE	ES	1128	12137.28				
	MENITIES	112	1205.12				
	AREA INLO	13883	149381				

TOWER 1 PLANS



MAIN ENTRANCE - INDOOR AMENITIES

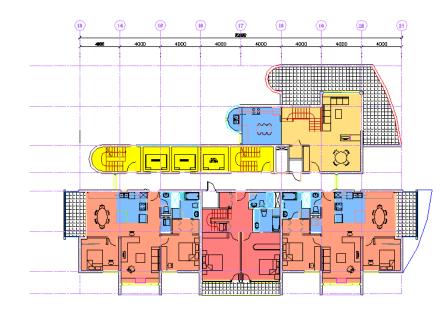


SECOND FLOOR

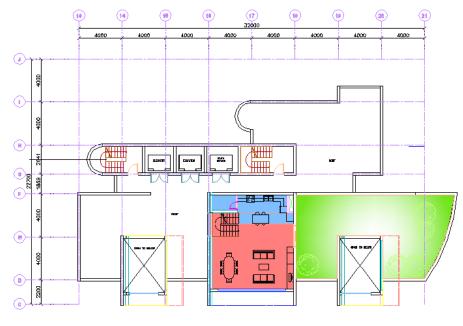
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TYPICAL FLOOR PLAN



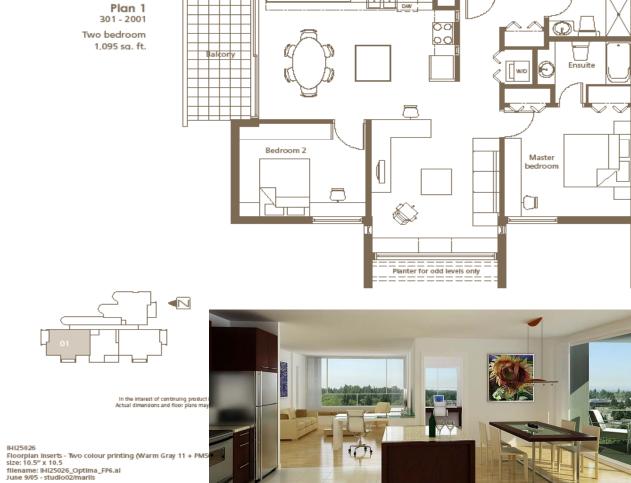




PENTHOUSE



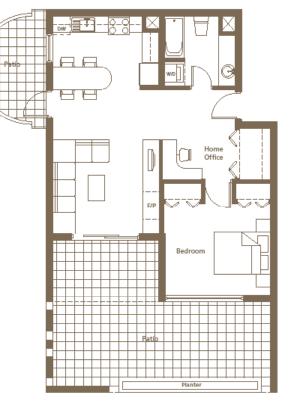
# Determine TOWER 1 TYPICAL PLANS Uning Smart Pin 1 Soli - 2001 1.055 sq. ft



Typical



Plan 1A 101 One bedroom + home office 759 sq. ft.



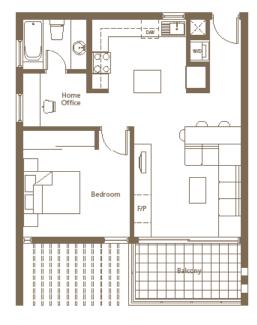


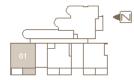
In the interest of continuing product improvements, the developer reserves the right to make modifications and / or changes to the plans and specifications without prior notice. Actual dimensions and fitter plans may vary sliphtly. All measurements and spuse footages are approximate. Furtiture layout is for materice only. Furtiture is not inclused. E.R.D.E.

IH125026 Floorplan Inserts - Two colour printing (Warm Gray 11 + PMS622U) size: 10.5" x 10.5 fliename: IH125026\_Optima\_FP6.al June 9/05 - studio02/marils



Plan 1B 201 One bedroom + home office 714 sq. ft.





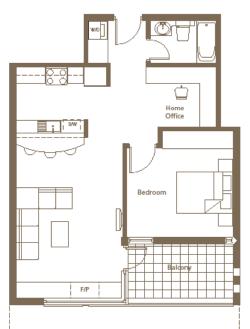
In the interest of continuing product improvements, the developer reserves the right to make modifications and / or changes to the plans and specifications without prior notice. Actual dimensions and floor plans may vary slightly. All measurements and square footages are approximate. Furniture layout is for release only. Furniture is not included. EAD E

IH125026 Floorplan Inserts - Two colour printing (Warm Gray 11 + PMS622U) size: 10.5" x 10.5 fliename: IH125026\_Optima\_FP6.al June 9/05 - studio02/marils



Plan 2 102, 302, 502, 702, 902, 1102, 1302, 1502 & 1702

> One bedroom + home office 721 sq. ft.





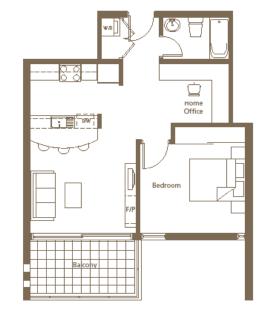
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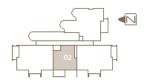
IH125026 Floorplain Inserts - Two colour printing (Warm Gray 11 + PM5622U) size: 10.5° x 10.5 filename: IH125026\_Optima\_FP6.ai June 3905 - studio02mariis





Plan 2A 202, 402, 602, 802, 1002, 1202, 1402, 1602 & 1802 One bedroom + home office 624 sq. ft.



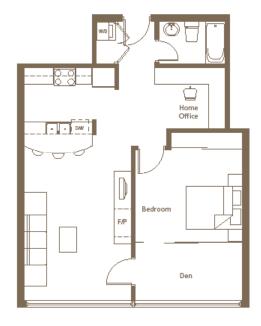


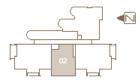
In the interest of continuing product improvements, the developer reserves the right to make modifications and / or changes to the plans and specifications without prior notice. Actual dimensions and floor plans may very slightly. All measurements and square footages are approximate. Furniture layout is for reference only. Furniture is not included. ELECE

IHI25026 Floorplan Inserts - Two colour printing (Warm Gray 11 + PMS622U) size: 10.5" x 10.5 Tilename: IHI25026\_Optima\_FP6.al June 9/05 - studio02/marils



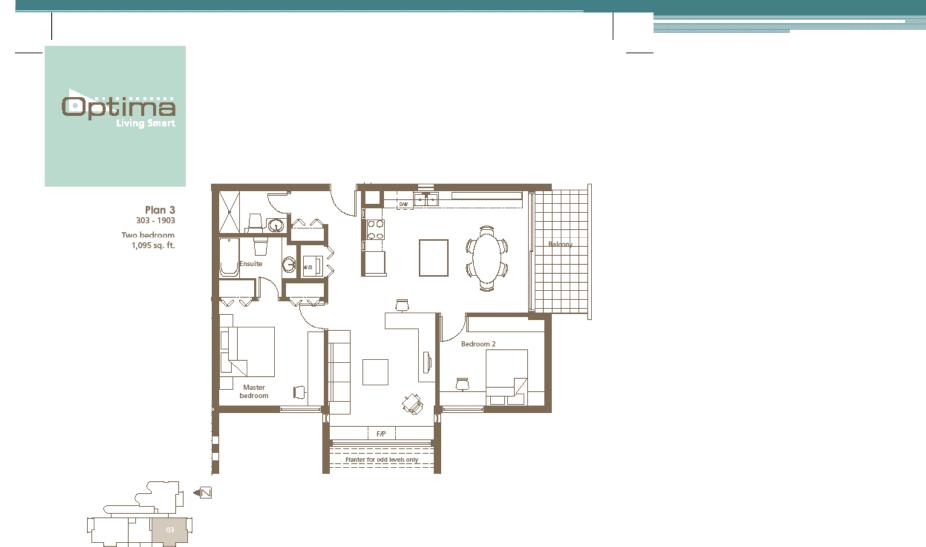
Plan 2C 1902 One bedroom + den + home office 813 sq. ft.





In the interest of continuing product improvements, the developer reserves the right to make modifications and / or changes to the plans and specifications without prior notice. Actual dimensions and fitter plans may vary sliphtly. All measurements and spuse footages are approximate. Furtiture layout is for materice only. Furtiture is not inclused. E.R.D.E.

IH125026 Floorplan Inserts - Two colour printing (Warm Gray 11 + PMS622U) size: 10.5" x 10.5 fliename: IH125026\_Optima\_FP6.al June 9/05 - studio02/marils



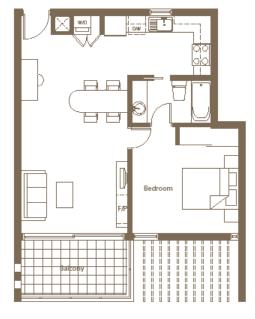
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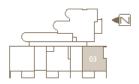
IHI25026 Floorplain Inserts - Two colour printing (Warm Gray 11 + PM5622U) size: 10.5" x 10.5 filename: IHI2502E\_Optima\_F96.al June 905 - StudioOZmariis

Typical



Plan 3B 203 One bedroom 671 sq. ft.





In the interest of continuing product improvements, the developer reserves the right to make modifications and / or changes to the plans and specifications without prior notice. Actual dimensions and floor plans may wary slightly. All measurements and spuze footages are approximate. Purriture layout is for releaserce only. Furriture is not included E.B.O.E.

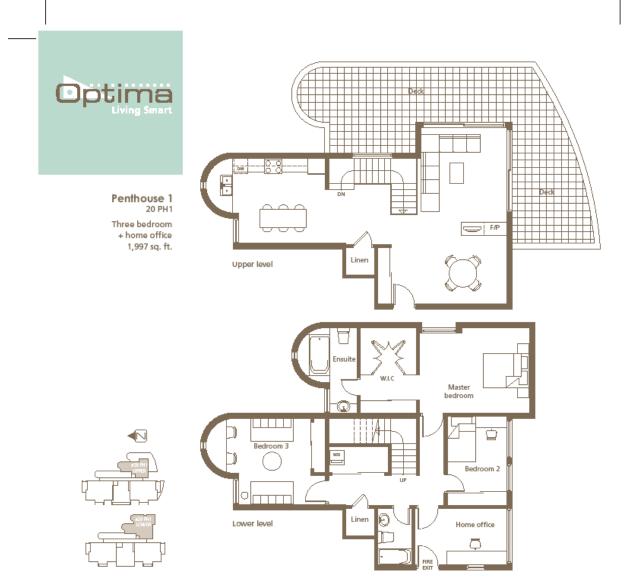
IH125026 Floorplan Inserts - Two colour printing (Warm Gray 11 + PMS622U) size: 10.5" x 10.5 fliename: IH125026\_Optima\_FP6.al June 9/05 - studio02/marils



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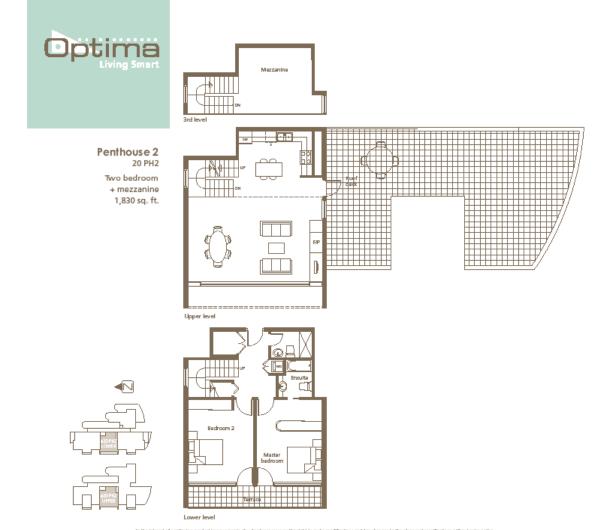


IH125026 Floorpian Inserts - Two colour printing (Warm Gray 11 + PMS622U) size: 10.5" x 10.5 Tilename: IH125026\_Optima\_FP6.ai June 9/05 - studio02/mariis



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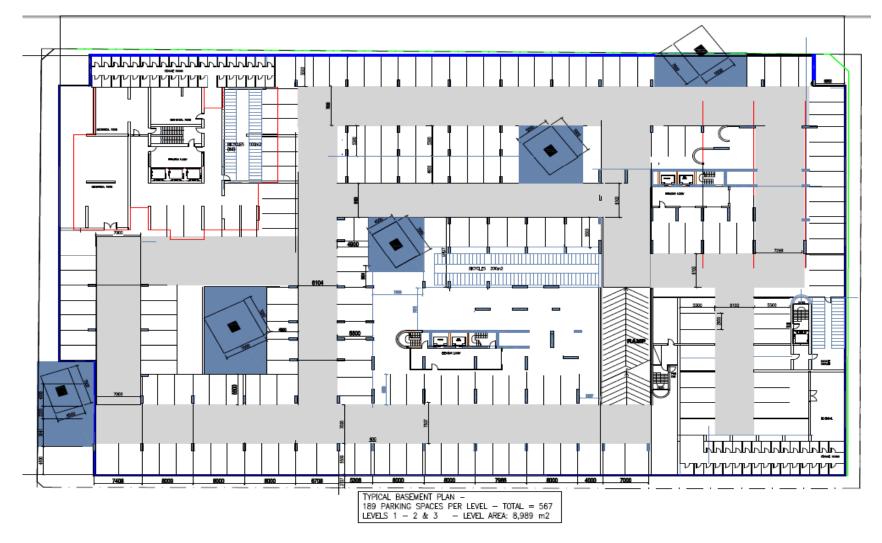
IH125026 Floorpian Inserts - Two colour printing (Warm Gray 11 + PM5622U) size: 10.5" x 10.5 filename: IH125026\_Optima\_FP6.al June 905 - studio02/mariis



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IHI25026 Floorpian inserts - Two colour printing (Warm Gray 11 + PM5622U) size: 10.5" x 10.5 Fliename: IHI25026\_Optima\_FP6Lai June 905 - Studio0Zimarlis

### **3 LEVELS OF UNDERGROUND PARKING**



189 PARKING SPACES/LEVEL - 8,990 M2 PER LEVEL

### **33 STOREYS**





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### **CLOSER VIEW OF LOWER LEVELS**

PLAN	BR	BATH		SIZE(M2)	SIZE(FT2) Q	TY	TOTAL(M2)	TOTAL (FT2)
BACH		1	1	33	355.08	1	33	355.08
1A		1	1	73	785.48	1	73	785.48
1B		1	1	70	753.2	1	70	753.2
1C		1	1	70	753.2	1	70	753.2
1D		1	1	66	710.16	46	3036	32667.36
1E		1	1	69.6	748.896	24	1670.4	17973.504
1F		1	1	56.76	610.7376	23	1305.48	14046.9648
1G		1	1	58.49	629.3524	23	1345.27	14475.1052
1H		1	1	60.86	654.8536	22	1338.92	14406.7792
11		1	1	78.5	844.66	1	78.5	844.66
2A		2	2	107	1151.32	1	107	1151.32
2B		2	2	98.2	1056.632	4	392.8	4226.528
PH1		3	2	185	1990.6	1	185	1990.6
PH2		2	2	170	1829.2	1	170	1829.2
TOTALS						150	9875.37	106258.9812
BALCONI	ES						1085	11674.6
INDOOR /	AMENITI	338	3636.88					
BUILT-UP	AREA IN	14153	152286.28					

**TOWER 2 PLANS** 

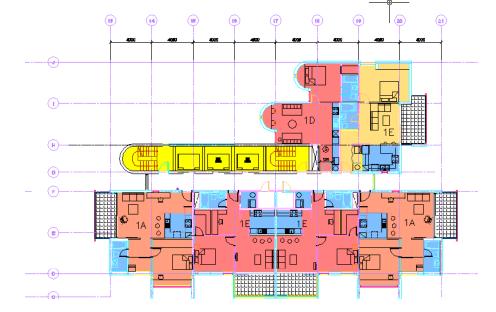


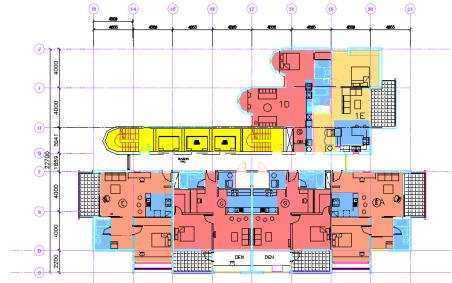
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SECOND FLOOR

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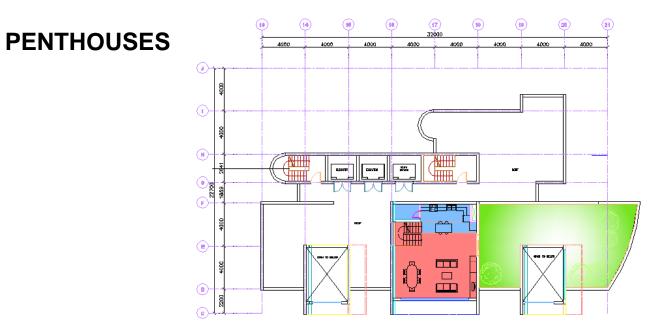
### **TOWER 2 PLANS**





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# Optima Interiors BY CHRISTINA OBERTI



**TYPICAL 2 BEDROOM CORNER SUITE** 



**TYPICAL 1 BEDROOM SUITE** 



TYPICAL 2 BEDROOMS SUITE



## **TOWER 3** 39 STOREYS

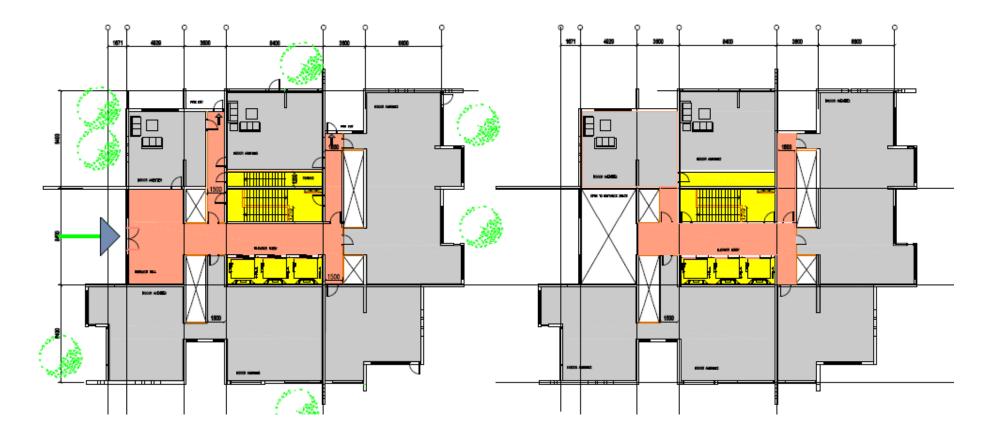
## **TOWER 3**



40

#### **CLOSER VIEW OF MAIN ENTRANCE AND LOWER FLOORS**

## **TOWER 3 FLOOR PLANS**



MAIN FLOOR AND SECOND FLOOR (INDOOR AMMENITIES)

### **TOWER 3 FLOOR PLANS**



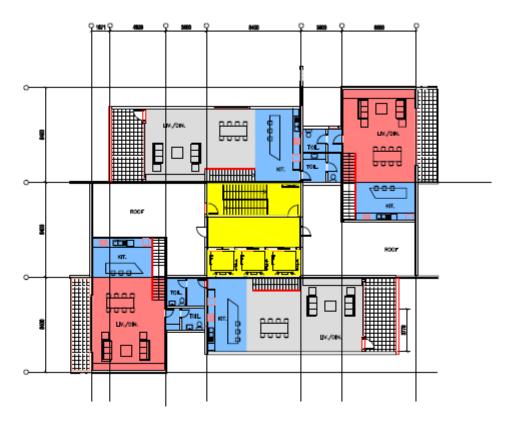
**43** 

## **TOWER 3 FLOOR PLANS**



**TOWER 3 FLOOR PLANS** 





**DUPLEX PENTHOUSES AT LEVEL 39** 

#### TOWER 3 39 FLOORS SELLABLE AREAS

PLAN	BR	BATH	:	SIZE(M2)	SIZE(FT2) QT	Y	TOTAL(M2)	FOTAL (FT2)
BACH		1	1	33	355.08	1	33	355.08
A1		1	1	59.9	644.524	72	4312.8	46405.728
A2		1	1	70.56	759.2256	72	5080.32	54664.2432
A3		1	1	64.67	759.2256	36	2328.12	25050.5712
A4		1	1	66.38	714.2488	36	2389.68	25712.9568
A5		1	1	59.57	640.9732	36	2144.52	23075.0352
A6		1	1	59.89	644.4164	36	2156.04	23198.9904
PH1		2	2	118.5	1275.06	2	237	2550.12
PH2		2	2	130	1398.8	2	260	2797.6
TOTALS						293	18941.48	203810.3248
						22380.8 8672.56		

BUILT-UP AREA	TOWER3					
FLOOR		SIZE(M2)	SIZE(FT2) QT	Y	TOTAL(M2)	TOTAL (FT2)
1,2		670	7209.2	2	1340	14418.4
39TH		670	7209.2	1	670	7209.2
TYPICAL ODD		698	7510.48	18	12564	135188.64
TYPICAL EVEN		670	7209.2	18	12060	129765.6
TOTAL				39	26634	286581.84
COMMON AREAS:	(14% OF E	BUILT-UP A	REA)		3776	40629.76

(14% OF BUILT-UP AREA) (19.9% OF SELLABLE AREA)

SIZE(M2) SIZE(FT2) BUILT-UP AREAS TOWER1 13883 149381.08 TOWER2 15318 164821.68 TOWER3 26634 286581.84 TOTAL 55835 600784.6 INDOOR AMENITIES #Apart. AREA m2 AREA ft2 TOWER1 30 stories 355 141 3819.8 TOWER2 33 stories 174 710 7639.6 TOWER3 39 stories 293 718.5 7731.06 sub-TOTAL 1783.5 608 19190.46 CHILD CARE - 2 stories 316.5 3405.54 TOTAL 2100 22,596 BALCONIES TOWER1 986 10609.36 TOWER2 1085 11674.6 TOWER3 2080 22380.8 216 2324.16 CORNER BUILDING TOTAL 4367 46988.92 AREA OF LAND 9825 105717 FAR 55835m2 + 316 = 56,151 m2

OPTIMA RESIDENTIAL COMPLEX - SURREY. BC JUNE 20, 2008

SUMMARY

**46** 

56,151 - 2,100 m2 (indoor amenities) = 53,997 m2 53,997 m2 / 9825 = 5.495

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#### MGF HORTICULTURAL INC. VEGETATION CONSULTANTS

#### SURREY TREE PRESERVATION SUMMARY

Surrey Project No: 7903-0277-00 Project Location: 10516-134 Street Arborist: Mike Fadum ISA (PNW 705A)

Detailed Assessment of the existing trees or an Arborist's Report is submitted on file. The following is a summary of the tree assessment report for quick reference.

1. General Tree Assessment

The existing trees are both introduced and indigenous species of varying qualities. Only one may be considered for preservation due to the excavation required.

2. Summary of Proposed Tree Removal and Replacement

Number of Protected Trees identified: 25 plus 8 street trees (A	A) 25
Number of Protected Trees declared hazardous due to	
natural causes	(B) 1
Number of Protected Trees to be removed	(C) 24
Number of Protected Trees to be retained (A-B-C)	(D) 1
Number of Replacement Trees required (C-B) x2	(E) 46
Number of Replacement Trees proposed: (plus 13 street trees)	(F) 89
Number of Replacement Trees in deficit (E-F)	(G) 0
Total number of Prot. and Rep. Trees on site (D+F)	(H) 94
Number of lots proposed in the project	(I) N/A
Average number of Trees per Lot (H/I)	(J) N/A
Total number of Prot. and Rep. Trees on site (D+F) Number of lots proposed in the project	(H) 94 (I) N/A

3. Tree Survey and Preservation/Replacement Plan

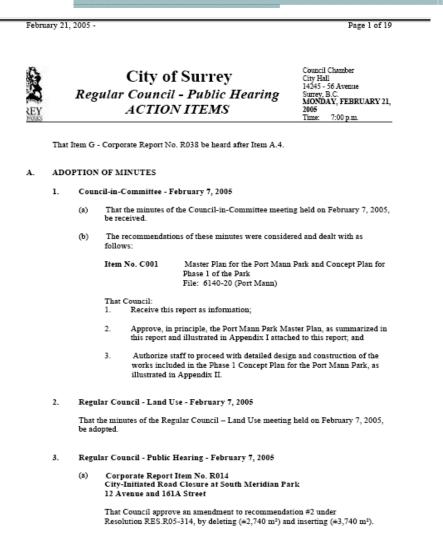
Tree Survey and Preservation Plan is attached. The Replacement Plan has been prepared by DMG Landscape Architects.

Summary and plan prepared and submitted by MGF Horticultural Inc.

April 2006 Revised June 6, 2006

> MGF Horticultural Inc. 9790-128A Street, Surrey B.C. V3T 3C9 Phone 604-240-0309, Fax 604-589-2888 mgf.hort@telus.net





http://surrev.ihostez.com/contentengine/document.asp?print=ves&id=18439

01/03/2005

#### CITY OF SURREY: PUBLIC HEARING FEB 21, 2005

 Surrey Zoning By-law, 1993, No. 12000, Amendment By-law, 2005, No. 15651 7904-0244-00 - Birgitt and Friedrich Findler, No. 262 Seabright Holdings Ltd., c/o Hunter Laird Engineering Ltd.
 RA (BL 12000) to CD (BL 12000) - Portions of 3497 and 3519 - 148 Street - to permit the development of approximately 14 detached strata homes.

That Council amend By-law 15651 in Section 2, sub-section D.1 by replacing the word *unity* with *unit*; sub-section F.2 by italicizing the word front yard; in sub-section H.4.(a) by italicizing the words arterial highway and in sub-section H.4.(a)ii by italicizing the word highway.

Surrey Zoning By-law, 1993, No. 12000, Amendment By-law, 2005, No. 15651 pass its third reading, as amended

 Surrey Zoning By-law, 1993, No. 12000, Amendment By-law, 2005, No. 15653 7903-0277-00 - IHI Development-II Ltd., c/o IHI Developments RF and RM-D (BL 12000) to CD (BL 12000) - 10516, 10528, 10536 - 134 Street, 10501, 10511, 10519, 10529, 10537 - 134A Street, 13437 - 105 Avenue, 13416, 13430 - 105A Avenue - to permit the development of three high-rise apartment buildings and a child care centre at 105A Avenue and West Whalley Ring Road in Surrey City Centre.



Surrey Zoning By-law, 1993, No. 12000, Amendment By-law, 2005, No. 15653 pass its third reading

#### **OPTIMA PASSES THIRD READING**