

building code analysis

BUILDING CODE ANALYSIS FOR COAST INDUSTRIAL MACHINING LTD
LOT 1, SECTION 13, RANGE 7, CRANBERRY DISTRICT PLAN VIP78041

BUILDING SIZE & CLASSIFICATION

BUILDING AREA: 1070 SQ.M
MAJOR OCCUPANCY: F2, D
NUMBER OF STREETS: 1
BUILDING HEIGHT: 1 STOREY
FIRE PROTECTION: NOT SPRINKLERED
GOVERNING ARTICLE: 3.2.2.74

OCCUPANT LOAD:

3.7.17.1 OFFICE -GROUP D (72.8SQ M @ 9.3) = 8
SERVICE -GROUP F2 (992.4 SQ.M @ 28) = 35
TOTAL = 43
** ANTICIPATED ACTUAL OCCUPANT LOAD = <20

MEANS OF EGRESS

	REQUIRED	PROVIDED
NUMBER OF EXITS (FROM EACH OCCUPANCY):	2	2
TRAVEL DISTANCE:		
F2 OCCUPANCY	30M	29.0M
D OCCUPANCY	40M	13.7M

FIRE PROTECTION:

3.2.3.1.C SPATIAL SEPARATIONS:

EBF	LIMITING DISTANCE	AREA OF UNPROTECTED OPENINGS ALLOWED	ACTUAL	F.R.R. REQ'D	CONST. *	CLADDING *
NORTH	7.5M	8%	4.6%	2 HR	N.C	N.C
WEST	16.6M	44%	0%	1 HR	C. OR N.C	N.C
SOUTH	23.2M	38%	16.4%	1 HR	C. OR N.C	N.C
EAST	STREET FACING	100%		NONE	C. OR N.C	C. OR N.C

*C = COMBUSTIBLE
N.C = NON COMBUSTIBLE

FIRE RESISTANCE RATING OF BUILDING COMPONENTS:

FLOORS: N/A
MEZZANINE: N/A
ROOF: NONE REQUIRED
SUPPORTS: N/A

3.1.3.1. FIRE SEPARATIONS BETWEEN MAJOR OCCUPANCIES

F2-D NONE REQ'D

HEALTH REQUIREMENTS:

*BASED ON ANTICIPATED ACTUAL OCCUPAND LOAD <20

	REQUIRED	PROVIDED
3.7 MALE	1	1
FEMALE	1	1

ACCESSIBILITY:

3.8 W/C 1 PROVIDED
PARKING 1 PROVIDED
ENTRANCE PROVIDED (MAIN ENTRANCE)
RAMPS N/A

project data

LEGAL: LOT 1, SECTION 13, RANGE 7, CRANBERRY DISTRICT PLAN VIP78041

CIVIC: LOT AREA: 4,278 SQ.M / 1.057 ACRES
ZONING: IN1 (INDUSTRIAL 1)
HEIGHT: +9.75M (MAX 8.0M)
LOT COVERAGE: 24.9% (MAX 60%)

BUILDING AREA:
OFFICE 784 SQ.FT (72.8 SQ.M)
WAREHOUSE 10682 SQ.FT (992.4 SQ.M)
TOTAL: 11466 SQ.FT (1065.2 SQ.M)

ON SITE PARKING
REGULAR 21
ACCESSIBLE 1
TOTAL 22

BYLAW PARKING REQUIREMENTS
1 PER 50 M² 22

consultant list

STRUCTURAL/ CRP:

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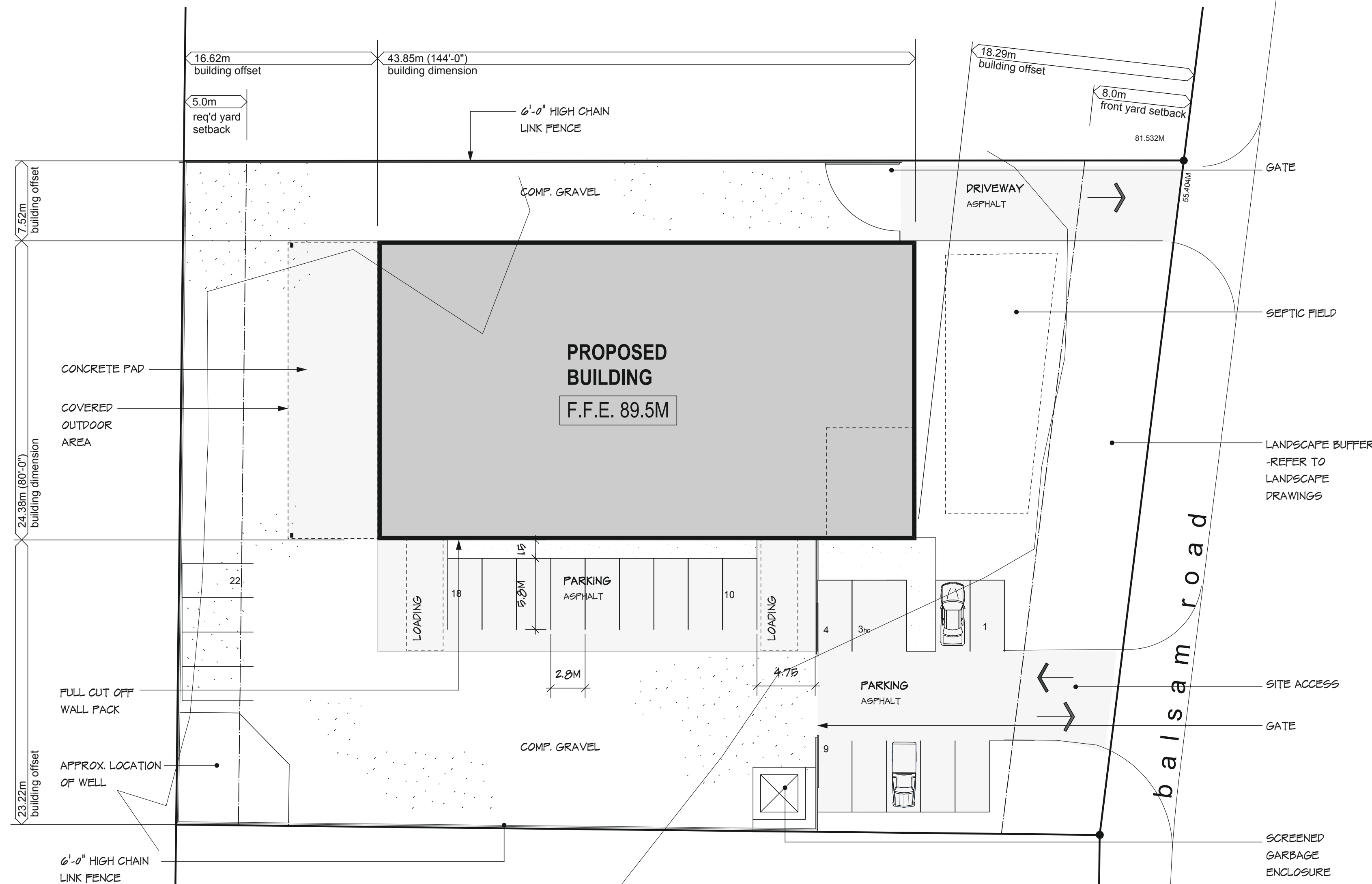
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SITE PLAN

SCALE: 1:250

proposed industrial building
Balsam Road
Nanaimo, B.C.

DRAWING TITLE:

SITE PLAN

SCALE:
as noted

DRAWN BY:
B.B.

NUMBER:
d1356.37.14

ISSUED:
for review 19 JUNE/15
for review 25 JUNE/15

CONTRACTOR TO VERIFY ALL LINES, LEVELS, SURVEYS DIMENSIONS, LOCATION OF BUILDING ON SITE AND LOCATION OF ALL SERVICES PRIOR TO CONSTRUCTION. ALL WORK TO BE DONE IN ACCORDANCE WITH THE B.C. BUILDING CODE, CURRENT EDITION AND ALL LOCAL BUILDING BYLAWS. COPYRIGHT RESERVED. THESE PLANS ARE THE PROPERTY OF DELINEA DESIGN CONSULTANTS LIMITED. TO BE USED SOLELY FOR THE PROJECT SHOWN. UNAUTHORIZED REPRODUCTION OR USE IN ANY MANNER IS NOT PERMISSIBLE.

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