

- LAYOUT PARAMETERS USED:
- SLIP LENGTH = MAXIMUM BOAT LENGTH (INCLUDING ALL APPENDAGES)
 - FINGER LENGTH = 95% OF SLIP LENGTH.
 - FINGER WIDTHS AS FOLLOWS:
 - 3' WIDE FOR SLIP LENGTHS UP TO 35'
 - 4' WIDE FOR SLIP LENGTHS GREATER THAN 40'
 - MAIN & SEMI-MAINS ARE EXISTING.
 - TARGET FAIRWAY WIDTHS TO BE MINIMUM SLIP LENGTH x1.4 (HOWEVER I HAVE ALLOWED FAIRWAYS TO BE NARROWER TO ACCOMMODATE LARGER BOATS)
 - TARGET SLIP WIDTHS AS FOLLOWS:

TARGET	
SLIP LENGTH	SLIP WIDTH
20'	9'-6"
26'	11'-4"
30'	12'-5"
34'	13'-4"
35'	13'-6"
40'	14'-6"
42'	14'-10"
45'	15'-4"
50'	17'-4"
60'	18'-10"
70'	22'-0"
80'	24'-0"

*I WAS TOLD THESE 2 FINGERS ARE BEING REMOVED SO I DISCOUNTED THEM

*THE 40' SLIPS ON THIS SIDE ARE QUITE 'TIGHT'

EXISTING VS. OPTIMIZED FINGER LAYOUT
BOATS WITHIN THE MARINA

Existing Marina (Real Life)		Existing Marina (Theoretical)		Option 1 (Optimized)	
LF	#	LF	#	LF	#
BOATS		BOATS		BOATS	
		20'	33	20'	19
		24'	34	24'	32
		26'	32	26'	45
		30'	18	30'	3
		32'	3	32'	33
		35'	26	35'	0
		40'	28	40'	41
		50'	1	50'	3
Total Quant	0	Total Quant	175	Total Quant	176
Total LF	0	Total LF	5,024	Total LF	5,254

BUILDINGS WITHIN THE MARINA

Existing Marina (Real Life)		Existing Marina (Theoretical)		Option 1 (Optimized)	
LF	#	LF	#	LF	#
BUILDINGS		BUILDINGS		BUILDINGS	
		30'		30'	10
		32'	1	32'	1
Total Quant	461	Total Quant	1	Total Quant	11
Total LF	15,820	Total LF	32	Total LF	332

- RELOCATIONS OF BUSINESSES
- I'M WAITING ON INFO FROM THE WARFINGER I ASSUME?

* NOTE: THE INFORMATION AND DETAILS PROVIDED ON THIS DRAWING MUST BE CHECKED AND APPROVED BY AN ENGINEER OR OTHER APPROPRIATE EXPERT PRIOR TO THE PROJECT BEING STARTED. THESE DRAWINGS ARE PRELIMINARY, AND INTENDED FOR PLANNING PURPOSES.

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B				G			
A	ISSUED FOR REVIEW	18/10/23	KLT	F			
REVISIONS				REVISIONS			

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DRAWN BY: KRISTIN TUTTLE DESIGN BY: _____
DATE: 18-OCT-2023 CHECKED BY: _____
FILE No.: _____ SCALE: AS SHOWN

JOHN WATSON CONSULTING

COMOX MARINA
DRAWINGS FOR GRANT APPLICATION

EXISTING BOAT LAYOUT

DRAWING No.: K042-200

CANCEL PRINTS BEARING EARLIER REVISION

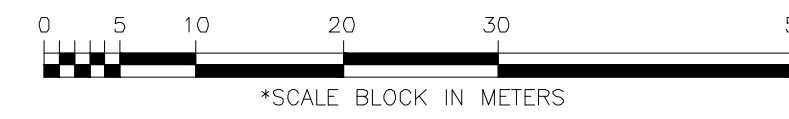
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3. FINGER WIDTHS AS FOLLOWS:
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4. MAINS ARE 12' WIDE.
5. SEMI-MAIN WIDTHS ARE 10'
6. FAIRWAY WIDTHS TO BE MINIMUM SLIP LENGTH $\times 1.4$
7. TARGET SLIP WIDTHS AS FOLLOWS:

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* THIS IS WELL WITHIN YOUR WATERLOT, BUT IF THE ADJACENT MARINA HAS BOATS MOORED HERE [AS THEY DO IN THE AERIAL VIEW - SEE DRAWING OF] GETTING IN AND OUT WOULD BE TRICKY ON THE WEST SIDE... HOWEVER, THE OTHER MARINA IS NOT ALLOWED TO LOCATE BOATS WITHIN YOUR WATERLOT, SO YOU SHOULD GET A SURVEYOR TO CONFIRM THE PROPERTY BOUNDARY LOCATION, BUT I THINK THERE IS A 99% CHANCE THAT THEY WOULD BE TOLD THEY CAN'T MOORE BOATS THERE AND YOU WOULD BE ABLE TO USE THAT SPACE AS SHOWN FOR YOUR TRANSIENT MOORAGE



BOATS WITHIN THE MARINA

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JOHN WATSON CONSULTING

COMOX MARINA
DRAWINGS FOR GRANT APPLICATION

OPTIMIZED BOAT LAYOUT 1

DRAWING No.: K042-201

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FILE: C:\Kristin Files\Work\Job Files\111 Current Job files 111\K045 - Comox Marino Re-development\K045 -JWC- Comox Marino Grant Appl.DWG PLOT DATE: June 12, 2025 10:08:09 AM

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	REVISIONS	D/M/Y	BY	REVISIONS	D/M/Y BY

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