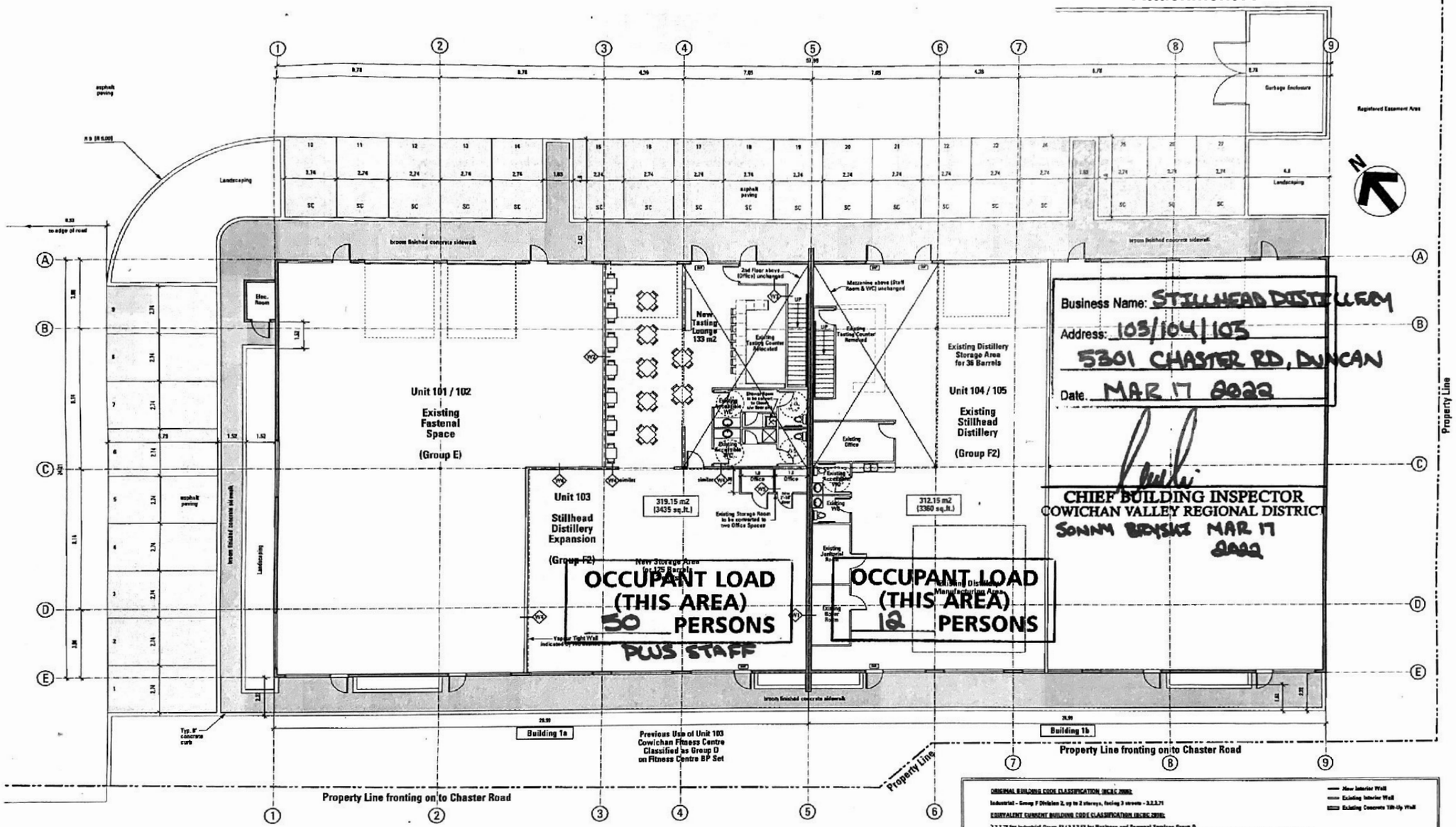
Attachment A



1 / A1 Units 103, 104 and 105 Renovations - Building 1 Perhar Business Park
Scale: 1/8" = 1'-0"

BUILDING PERMIT APPLICATION OCCUPANT LOAD
MANUFACTURING AND STORAGE AREA (UNITS 104/105)
312.25 m2 area @ 28 m2 per person = 12 occupants
BARREL STORAGE AREA (PART OF UNIT 103)
184 m2 area @ 46 m2 per person = 4 occupants
TASTING ROOM (PART OF UNIT 103)
50 seats / 4 staff members / 6 standing room occupants of entrance = 60 occupants
76 TOTAL OCCUPANCY

LICENSING APPLICATION OCCUPANT LOAD
CALCULATION FOR TASTING ROOM BASED ON WASHROOM FACILITIES:
3.7.2.2.1) The number of WC's should be equally divided between males and females unless the proportion of each sex expected can be determined with reasonable accuracy.
Female Washrooms - 1 wc fixture + 1 lav = 25 females
Male Washrooms - 1 wc fixture + 1 lav = 25 males
Occupant load permitted: 50 seated customers
Note: 2 Staff Washrooms are provided in the manufacturing area for Stillhead staff

TOTAL OCCUPANT LOAD (ALL AREAS)
62 PERSONS
FOR LCRB PURPOSES

NOTE: THIS APPROVAL IS SUBJECT TO STILLHEAD BEING AWARDED A BUILDING PERMIT AND COMPLETING THE WORK.

ORIGINAL BUILDING CODE CLASSIFICATION (BCBC 2006):
Industrial - Group F Division 2, up to 2 storeys, facing 3 streets - 3.2.2.71

EQUIVALENT CURRENT BUILDING CODE CLASSIFICATION (BCBC 2018):
3.2.2.76 for Industrial Group F2 / 3.2.2.62 for Business and Personal Services Group B
Up to 2 storey, facing 3 streets, 9000m2 max area, 45min FRR floor assemblies w/ 45 min FRR or non-combustible supporting structure.
3.2.2.66 For Retail Group E
Up to 2 storey, facing 3 streets, 9000m2 max area, 45min FRR floor assemblies w/ 45 min FRR supporting structure.

EXISTING PARTY WALLS / RATED WALLS

W1 Existing Concrete Fire Wall - Industrial (F2) to Industrial (F2)
Existing wall construction 4 hr. FRR (from Base Building Permit Drawings)
• existing reinforced pre-cast tilt-up concrete wall
Required Rating for Suite Separation - n/a

W2 Existing Party Wall - Was Retail (E) to Business (D) / Now to Retail (E) to Industrial (F2)
Existing wall construction 1 hr. FRR (from Fitness Centre Permit Drawings)
1 • 7x8 studs at 16" o/c w/ R20 mineral fibre insulation • 5/8" type X gyb
Required Rating for Suite Separation - 45min FRR - no change required.

W3 Existing Interior Stair Wall between Main and Second Floor
Existing wall construction 1 hr. FRR (from Fitness Centre Permit Drawings)
• 5/8" type X gyb • 2x4 studs at 16" o/c • 5/8" type X gyb
Required Rating for Floor Assembly Support - 45min FRR - no change required.

W4 Existing Party Wall (approx. light as required by Alternative Solution Report)
• existing tilt wall with the following additions to the barrel room side:
• 2x4 poly to face of existing wall, with caulk seal at ceiling/exterior wall
• 5/8" type X gyb
Consequence of vapour light construction - increased 2 hr. FRR on Distillery side

W5 New Interior Partition Wall
• 1/2" gyb • 2x4 studs at 16" o/c • batt insulation for sound if required • 1/2" gyb
No Rating Required

EXISTING FLOOR ASSEMBLY

Existing Suite 102 Floor Assembly between Main and Second Floor
Existing second floor construction 1 hr. FRR (from Fitness Centre Permit Drawings)
• plywood sheathing • wood floor truss • 5/8" type X gyb to ceiling
Required Rating for floor assembly - 45min FRR - no change required.

New Interior Wall
Existing Interior Wall
Existing Concrete Tilt-Up Wall

Symbol Key
door type
window type
wall/door/roof type
material
revision
detail number / sheet number
section number / sheet number
elevation number / sheet number
structural gridlines

GENERAL NOTES:
1. Interior dimensions are to the face of stud unless otherwise noted.
2. Exterior dimensions are to the face of concrete panel / face of concrete foundation unless otherwise noted.
3. Insulation shown in sections does not necessarily represent the full extent of the area to be insulated. Where a wall, floor or roof is shown with insulation it is intended that the entire portion of the wall, floor or roof is to be insulated. This is typical for all details.
4. P1 denotes pressure treated. SAM denotes self adhering membrane. CS denotes control groove.
5. Preservative treatment of the PT engaging, blocking or plywood sheathing is to be CCA.
6. Fully insulate all rough opening rod spaces.

#	REVISION	DATE

ISSUED FOR:	NOTICE PERIOD	DATE
Review, NTS complete	Review, NTS complete	yyyy.mm.dd
Building Permit Submission	Building Permit Submission	yyyy.mm.dd
Tender	Tender	yyyy.mm.dd
Construction	Construction	yyyy.mm.dd

ISSUED FOR:
Consultant Review

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PROJECT No.: 19029
5301 Chaster Road, Duncan, B.C.
Stillhead Distillery Renovations

TITLE
Floor Plans
Units 103 / 104 / 105

DATE March 14, 2022 SHEET A1
SCALE 1/8" = 1'-0" REV. of 1