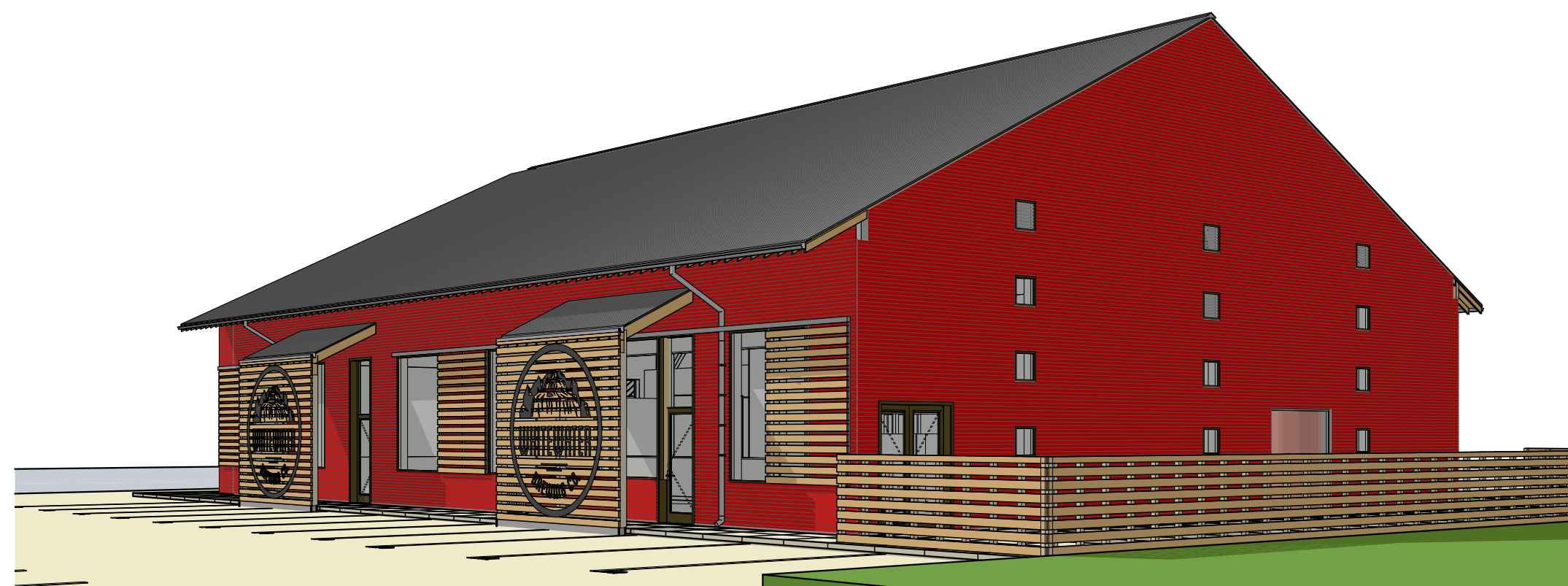




Service entry at HWY Frontage (above)
Northeast Corner at Patio (below)



Southwest Corner at HWY Frontage

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ISSUANCE	DATE DD/MM/YY
1	Coordination 1 May 23rd, 2015
2	Coordination 2 Aug 14th, 2015
3	Coordination 3 Sept 4th, 2015
4	
5	

WHITEWATER BREWING COMPANY



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Whitewater Brewery
project # 2014-003
Whitewater Brewing Company
Hwy 17
Cobden, ON

Title Sheet + Index
A0.01

ID	Name	Notes
A0.01	Title Sheet + Index	
A0.02	Notes	
A0.03	IBC Matrix	
A1.01	Keyplan	
A1.02	Siteplan	
A1.03	CIVIL	N/A
A2.01	Foundation Plan	
A2.02	Ground Floor Plan	
A2.03	Second Floor Plan	
A2.04	Roof Plan	
A4.01	North & South Elevations	
A4.02	East & West Elevations	
A5.01	Building Sections 1/3	
A5.02	Building Sections 2/3	
A5.03	Building Sections 3/3	
A6.01	Wall Sections 1/2	
A6.02	Wall Sections 2/2	
A7.01	Interior Elevations 1/2	
A7.02	Interior Elevations 2/2	
A8.01	Window & Schedules	
A9.01	3D Sketches 1/2	
A9.02	3D Sketches 1/2	
A9.03	3D Sketches 2/2	

Consultants

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TBD - PENDING FOR COORDINATION

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Stats

NEW COBDEN SITE HWY 17
LOT AREA: 4960m²
BUILDING AREA: 637m² (OBC:3.2.2.25)
OCCUPANCY TYPE: A2 (BREWERY & DINING)

FSR **31%**

PARKING CALCULATION
COBDEN ZONING REQ'D PLACES
EATING ESTABLISHMENT 1 STALL/4 PERSONS
OCCUPANCY OF DINING HALL: 122m², 122/1.1=110PPL
(OBC: 3.1.17.1 OCCUPANT LOAD: 1.1m²/PP)
110PPL/4 = 28 PATRON STALLS REQ'D.*
'OTHER' USES: 1 STALL/37m², 637m²-122m²= 512m²/
37= 14 STAFF STALLS REQ'D

*3 BARRIER-FREE SPACES PROVIDED AT PRIMARY ENTRY
TOTAL NEW PARKING SPACES REQ'D = 28+14= 42

BICYCLE PARKING
NEW SPACES (0 RACKS) 0

Keyplan: Cobden



Title Sheet + Index
A0.01

ASSEMBLIES

ROOF ASSEMBLIES

R1: METAL ROOF
22GA 7/8" SINEWAVE GALVALUME ROOFING (SILVER)
1" X 4" WOOD STRAPPING
PALISADES ROOF MEMBRANE
ICE AND WATER SHIELD 900mm [3'-0"] FROM EDGE OF ROOF AND BEYOND INNER FACE OF EXTERIOR WALL
TRUSSES @ 16" O.C. BY OTHERS
11"+3.5" ROXUL BATT INSULATION [R48+R12 = R60]
6 MIL POLY VB
0.5" GWB C/W PRIMER & 2 COATS LATEX PAINT
RWL/DOWNSPOUTS SHALL CARRY RAINWATER AWAY FROM THE BUILDING THAT WILL PREVENT SOIL EROSION
[AS PER OBC 9.27.2.4] [AS PER OBC 9.26.8]
ALL RWL,DOWNSPOUTS,AND FLASHING TO BE APPROVED AND TO BE SPECIFIED BY ARCHITECT.

NOTES:

- ALL SOFFITS TO BE 7/8" (26GA)GALVALUME (SILVER)
- ALL ROOFING TO HAVE GALV. METAL ANGLE SNOW GUARDS (SILVER)
- METAL ROOFING REQUIRES ALL RECOMMENDED DETAILS SUCH AS EAVE AND GABLE STARTERS, VENTED CLOSURE AT PEAK, AND RIDGE CAP. SEE 18GA GALV. CUSTOM HIDDEN GUTTER DETAILING
- FIRE RETARDANT TREATED WOOD SYSTEM PER 3.1.14.1

FLOOR ASSEMBLIES

F1 HEATED CONCRETE SLAB

4" CONCRETE FG REINFORCED POWER-FLOATED SLAB C/W RADIANT PEX ZIPTIED TO 6x6 WMM 3" BFF [REFER TO STRUCTURAL]
VAPOR BARRIER
AND 2x2.5" XPS (SM/BLUE) RIGID INSULATION
[FIRST HORIZ. 36"]+ 2" XPS/SM/BLUE RIGID INSULATION [ENTIRE HEATED SLAB]
TAMPED GRANULAR FILL
SLOPE CONCRETE TO ALL NOTED DRAINS

F2: UPPER/LOFT FLOOR

1.5" 'PROFILE 32' PINE STRUCTURAL DECK
2" BEARING
2x10 JOISTS @ 16" O.C.
[REFER TO STRUCTURAL]
RIGID INSULATION AS REQUIRED OVER WIC
5/8" GREEN GWB C/W PRIMER & 2 COATS LATEX PAINT
WRAP ALL TRIM JOISTS W/ AIR BARRIER PRIOR TO INSTALLATION ON TO EXTERIOR WALL
AND PRIOR TO ERECTION OF STUD WALLS.
ALLOW FOR OVERLAP AND CONTINUITY OF AIR&VAPOUR BARRIER.

F3: EXTERIOR DECKING (FUTURE/N.I.C.)

2"X6" PT DECKING
3/8" SPACE
JOISTS @ 16" OC. [REFER TO STRUCTURAL]

F4: EXTERIOR CONCRETE PERIMETER SKIRT

4" EXTERIOR CONCRETE OVER MIN. 4" COMPACTED GRANULAR FILL (SEE CONCRETE NOTES)
SLOPE MIN. 2% AWAY FROM FDN WALLS
BROOM FINISHED, EXPOSED CORNERS SMOOTH TROWELED W TROWELED EXP. JOINTS EVERY 60" - SEE PLANS FOR PATTERNS

FOUNDATION

0.5" CEMENT PROTECTION BOARD TO 24" BFG
0.75" DIMPLE BOARD DRAINAGE LAYER FULL DEPTH
2.0" XPS INSULATION (SM) FULL DEPTH OF FOUNDATION WALL ADHERED TO FDN WALL
BITUMINOUS DAMPPROOFING ON MIN.
1/4" PARGING ON 8" POURED CONCRETE WALL
[OR REINFORCED CONCRETE BLOCK WALL]
WALL TOP BLOCK COURSE FILLED W/
MORTAR OR CONC.
FOOTING TO BEAR ON UNDISTURBED SOIL
OR PINNED INTO EXPOSED BEDROCK
PROVIDE DRAINAGE LAYER - MIN. 6" OF FREE DRAINING GRANULAR
MATERIAL W/ FILTER CLOTH ON TOP
CONNECT NEW 4" DIA. WEEPING TILE C/W FILTER-CLOTH 'SOCK' W/ 6" CRUSHED STONE COVER

CONTRACTOR TO ENSURE THAT ALL WEEPING TILE CONNECTIONS ARE EFFECTIVE, AND THAT THE SYSTEM PROVIDES PROPER DRAINAGE.

FOOTINGS AND FOUNDATIONS AS PER OBC 9.15.3.9

FOOTINGS (SEE STRUCTURAL FOR SIZES)

CONCRETE FOOTINGS REINFORCED AS SHOWN
PROVIDE 4" MIN. DRAIN TILE COVERED WITH FILTER CLOTH AND SURROUNDED BY 6" MIN. GRANULAR MATERIAL GEO-TEXTILE FABRIC TO BE INSTALLED OVER GRANULAR MATERIAL.
TO REDUCE WICKING CLOSED CELL FOAM GASKETING IS TO BE APPLIED TO THE TOP OF THE FOOTING BEFORE THE WALL IS ERECTED.

SILL PLATE

2"X6" PT SILL PLATE FASTENED
TO FND. WALL W/ MIN. 1/2" DIA.
ANCHOR BOLTS EMBEDDED IN MIN.
4" CONC. @ 7'10" O/C. MAX &
PROVIDE CAULKING & GASKET B/W
PLATE & FDN. WALL
HEADER WRAP TO BE SEALED TO CONCRETE WALL

EXTERIOR WALL ASSEMBLIES:

W2: GALVALUME

7/8" 26GA GALVALUME CLADDING (RED)
19mm[1.5"] P.T. STRAPPING @ 16" O.C. WITH COR-A-VENT AT TOP AND BASE OF WALL
TYPAR OR VP100 INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS
13mm[1/2"] EXTERIOR SHEATHING 39mmX140mm[2"X6"]
STUD AT 16" O.C. SINGLE PT SILL PLATE AND DOUBLE TOP PLATE
R22 ROXUL BATT INSULATION
APPROVED 6mm POLYETHYLENE VB
12.5 mm[1/2"] GWB C/W 1 COAT PRIMER & 2 COATS LATEX PAINT

INTERIOR WALL ASSEMBLIES

W3: RESERVED

W4: RESERVED

W5: 4.5" GWB PARTITIONS

0.5" [12mm] GWB C/W 1 COAT PRIMER & 2 COATS LATEX PAINT
3 1/2" WOOD STUDS @ 16" O.C. C/W BLOCKING AS NEEDED FOR FIXTURES & MILLWORK
R14 MINERAL BATT INSULATION
0.5" [12mm] GWB C/W 1 COAT PRIMER & 2 COATS LATEX PAINT

W6A: KITCHEN WALL

[LOCATED BEHIND STOVES-WEST KITCHEN WALL]
HAVELOCK METALS SIMPLY LINER LOW PROFILE METAL
5/8" [15mm] CEMENT BOARD
3" / 76mm METAL STUD
5/8" GWB
3 1/2" WOOD STUDS @ 16" O.C.
R14 MINERAL BATT INSULATION
5/8" [15mm] GWB

W7: 3 1/2" STUD

1/2" [12.5mm] GWB
3 1/2" WOOD STUDS @ 16" O.C.
SAFE AND SOUND ACOUSTIC BATT INSULATION
1/2" [12.5mm] GWB

NOTE:

- ALL KITCHEN WALLS TO BE LINED WITH HAVELOCK METALS SIMPLY LINER LOW PROFILE METAL MOUNTED ON 1/2" OSB SHEET GOODS USING PAN SCREWS IN CAMBRIDGE WHITE
- ALL INTERIOR WALLS TO HAVE SAFE AND SOUND ACOUSTIC BATT INSULATION UNLESS OTHERWISE NOTED.

TBD: WIC WALLS & CEILINGS

GENERAL INSTRUCTIONS:

INSTALLATION OF ALL PRODUCTS TO BE AS PER PRODUCTS MANUFACTURERS SPECIFICATION AND BEST PRACTICES. THIS INCLUDES BUT IS NOT EXCLUSIVE TO PRODUCTS USED IN ROOF, WALL AND FLOOR ASSEMBLIES, DOORS AND WINDOWS, ,FIXTURES AND FINISHES, AND EQUIPMENT AND APPLIANCES.
ALL CONSTRUCTION PRACTICES TO COMPLY WITH ONTARIO BUILDING CODE REGULATIONS

CONCRETE WORK

FOUNDATION

- FOOTINGS SHALL BE FOUNDED ON NATIVE, INORGANIC, UNDISTURBED SOIL CAPABLE OF SUSTAINING MIN 3,000 PSF. OF ALLOWABLE BEARING PRESSURE.
- SLOPE BETWEEN STEPPED OR ADJACENT FOOTINGS SHALL BE A MAX. OF 7 VERTICAL AND 10 HORIZONTAL UNLESS APPROVED BY SOIL ENGINEER TO BE GREATER. STEPS SHALL NOT EXCEED 2'-0" VERTICALLY.
- EXTERIOR FOOTINGS SHALL BE FOUNDED AT A LEVEL AT LEAST 4'-0" BELOW FIN. GRADE.

SLAB ON GRADE

- BEDDING FOR SLAB ON GRADE TO BE A MIN. 8" THICK LAYER OF GRANULAR 'A' OR 3/4" CRUSHER RUN LIMESTONE, COMPACTED TO 98% STANDARD PROCTOR DENSITY.
- PROVIDE 6 MIL POLYETHYLENE VAPOUR BARRIER BETWEEN SLAB AND GRANULAR BEDDING.
- ALL SLABS ON GRADE SHALL BE REINFORCED WITH WMM6X6X6/6 PLACED 1" CLEAR FROM BOTTOM OF SLAB (RADIANT PEX FLOOR C/W MIN. 2" SM INSULATION).

CONCRETE

- CAST IN PLACE CONCRETE CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF CAS STANDARD CAN3-A23.1-M84.
- ALL CONCRETE SHALL HAVE A MIN. COMPRESSIVE STRENGTH OF 25 MPa AT 28 DAYS UNLESS NOTED OTHERWISE ON PLANS.
- PROVIDE 7% AIR ENTRAINMENT FOR ALL CONCRETE EXPOSED TO WEATHER.
- ALL REINFORCING STEEL TO BE DEFORMED BARS CONFORMING TO CSA G30.12-M GRADE 400.
- COLD WEATHER CONCRETING SHALL CONFORM TO CSA STANDARD CAN3-A23.1-M84.
- PROVIDE TEMPORARY ENCLOSURE AND HEATING WHEN REQUIRED.

MASONRY

- MASONRY CONSTRUCTION SHALL CONFORM TO CSA STANDARD CAN3-A371-M84.
- ALL PLAIN AND REINFORCED MASONRY SHALL CONFORM TO CAN3-A165 SERIES-M85 FOR CONCRETE MASONRY UNITS AND CAN/CSA-A82.1-M87 BURNED CLAY UNITS.
- ALL CONCRETE BLOCKS SHALL HAVE A MIN. ULTIMATE COMPRESSIVE STRENGTH OF 22 MPa ON NET AREA.
- MORTAR FOR ALL MASONRY WALLS SHALL BE TYPE 'S' AS DEFINED IN CSA STANDARD A179-M1976.
- CONC. BLOCK WALLS SHALL BE REINFORCED HORIZ. W/ STANDARD 'BLOK-LOK'
AT 16" OC VERTICALLY AS PER MAN. SPECS.
- REINFORCED MASONRY SHALL BE GROUTED WITH 15 MPa CONCRETE, 3/8" AGGREGATE ('PEA' GRAVEL) W/ 8" SLUMP.

FRAMING

- [AS PER OBC 9.3.2.5]
- MOISTURE CONTENT OF LUMBER SHALL NOT BE MORE THAN 19% [AS PER OBC 9.3.2.6]
- LUMBER DIMENSIONS TO BE IN CONFORMANCE WITH CSA 0141
- A CLEARANCE OF NOT LESS THAN 200mm[8"] SHALL BE PROVIDED BETWEEN THE FINISHED GROUND AND THE CLADDING THAT IS ADVERSELY AFFECTED BY MOISTURE, SUCH AS UNTREATED WOOD, OSB, HARDBOARD.
- SHEATHING MEMBRANES SHALL CONFORM TO CAN/CGSB-51.32M]
- ALL WOOD FRAMING THAT IS NOT PRESSURE TREATED AND IS IN CONTACT WITH CONCRETE SHALL BE SEPARATED FROM THE CONCRETE W/ APPROVED MIN. 6mm POLYETHYLENE VB OR NO. 50 ROLL ROOFING. [EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 300mm[12"] ABOVE GRADE]
- ALL JOISTS TO BE BRIDGED W/ 38mmx38mm[2"x2"] CROSS BRIDGING OR SOLID BLOCKING AT 2100MM[7'-10"] O.C. MAX. STRAPPING SHALL BE 19mmx164mm[1"x3"] SPACED AT 2100mm[7'-0"] O.C. WHERE SPECIFIED. PROVIDE BLOCKING@1200mm[3'-11"]MAX. BELOW WALLS RUNNING PARALLEL TO JOISTS.
- SOLID WOOD BEARING COMPRISED OF BUILT-UP WOOD STUDS TO BE CONSTRUCTED IN ACCORDANCE W/ OBC 9.17.4.2[2]
- STUD WALL REINFORCEMENT FOR FUTURE GRAB BARS IN WASHROOMS
REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO TOILETS, SHOWER, AND BATHTUB IN ALL WASHROOMS.
[AS PER OBC 9.5.2.3, 3.8.3.8[1][D], 3.8.3.13[1][F]
- SUB-FLOORING SHALL BE AS PER OBC 9.23.14
- SUB-FLOORING SHALL BE INSTALLED AS PER 9.23.3.5
- ALL FLOOR FINISHES TO BE MADE LEVEL WITH ADJACENT FLOOR FINISHES.CERAMIC TILE TO BE INSTALLED ON MIN.1/2" MORTAR SETTING BED ON 1 1/2" CONCRETE TOPPING [W/ WIRE MESH REINFORCING AT MID-DEPTH] ON 3/4" T&G PLYWOOD SCREWED AND GLUED ON FLOOR JOISTS.

ADDITIONAL:

FLASHING INSTALLATION OF FLASHING SHALL CONFORM TO OBC 9.27.3.8. ALL FLASHING SHALL BE GALVANIZED METAL.
CLADDING [AS PER OBC 9.27.4]
CAULKING SHALL BE PROVIDED AT VERTICAL JOINTS BETWEEN DIFFERENT CLADDING MATERIALS UNLESS THE JOINT IS SUITABLY LAPPED OR FLASHED TO PREVENT THE ENTRY OF RAIN. [AS PER OBC 9.27.2]
MATERIALS FOR FLASHING SHALL BE GALVANIZED METAL. DRIPS BELOW WINDOW SILLS SHALL BE PROVIDED W/ AND OUTWARD SLOPE AND A DRIP LOCATED NOT LESS THAN 25mm[1"] FROM THE WALL SURFACE
THE ATTACHMENT OF CLADDING SHALL BE AS PER OBC 9.27.5

FIREPLACES AND VENTING

FIREPLACES SHALL CONFORM TO OBC 9.22 [AS PER OBC 9.21.1.3] DIRECT VENTING GAS FIREPLACE VENT: DIRECT VENT GAS FIREPLACE VENT TO BE A MIN 300mm[12"] FROM ANY OPENING AND ABOVE FIN. GRADE ULC RATED "B" CLASS VENT 610mm[2'-0"] ABOVE THE POINT IN CONTACT W/ THE ROOF FOR SLOPES UP TO 9:12 [REFER TO GAS UTILIZATION CODE] DIRECT VENTING GAS FURNANCE VENT
DIRECT VENT FURNACE TERMINAL MIN.900mm[36"] FROM GAS REGULATOR MIN.300mm[12"] ABOVE FIN.GRADE, FROM ALL OPENINGS, EXHAUST AND INTAKE VENTS. HRV INTAKE TO BE MIN. 1830mm[6'-0"] FROM ALL EXHAUST TERMINALS. [REFER TO GAS UTILIZATION CODE] [AS PER OBC 9.32.3.5 AND 9.32.3.10]
WASHROOM MECHANICAL EXHAUST FAN VENTED TO EXTERIOR. [AS PER OBC 9.10.22.2]

STAIRS AND HANDRAILS

GUARDRAIL/ HANDRAIL [AS PER OBC 9.8.7.1]
HANDRAILS ARE REQUIRED ON AT LEAST ONE SIDE OF STAIRS OR RAMPS LESS THAN 1100mm[3'-7"] IN WIDTH
HANDRAILS ARE REQUIRED ON BOTH SIDES OF STAIRS OR RAMPS GREATER THAN 1100mm[3'-7"] IN WIDTH
ALL GUARDS SECURED IN CONFORMANCE TO O.B.C. STANDARDS [AS PER OBC 9.8.7.4]
RAIL@INT LANDING = 900mm[2'-11"]
RAIL@INT STAIR = 800mm[2'-7"]
RAIL@EXT LANDING [GREATER THAN 1800 ABOVE FIN. GRADE] = 1070mm[3'-6"]
RAIL@EXT LANDING = 900mm[2'-11"]
RAIL@EXT STAIR =900mm[2'-11"]
PICKETS MAX. 100mm[4"] [AS PER OBC 9.8.7.5]
A CLEARANCE OF NOT LESS THAN 50mm[2"] IS REQUIRED BETWEEN THE HANDRAIL AND THE SURFACE BEHIND IT. [AS PE R OBC 9.8.8.1]
GUARDS ARE REQUIRED IF THERE IS A DIFFERENCE IN ELEVATION GREATER THAN 600mm[24"] BETWEEN THE WALKING SURFACE AND ANY ADJACENT SURFACE.

ALL STAIRS/ EXTERIOR STAIRS
MAX. RISE = 200mm[7 7/8"]
MIN. RUN = 210mm[8 ¼"]
MIN. TREAD = 235mm[9 ¼"]
MIN. NOSING = 25MM[1"]
MIN. HEADRM = 1950mm[6'-5"]
MIN. WIDTH = 860mm[2'-10"]
FOR CURVED STAIRS:
MIN. RUN = 150mm[5 7/8"]
MIN. AVER. RUN = 200MM[7 7/8"]

ADDITIONAL:

REFER TO STRUCTURAL DRWGS FOR ALL STRUCTURAL. ANY DISCREPANCIES BETWEEN ARCHITECTURAL AND STRUCTURAL DOCUMENTS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

ALL STRUCTURAL NOTES ARE FOR COORDINATION PURPOSES ONLY REFER TO STRUCTURAL DRAWINGS FOR ALL STRUCTURAL INFORMATION.

ALL INTERIOR DIMENSIONS ARE TO FACE OF STUD AND/OR STRUCTURAL MEMBERS.
ALL INTERIOR WALLS ARE TO HAVE SAFE AND SOUND ACOUSTIC BATT INSULATION.

ALL PRODUCTS ARE TO BE INSTALLED ACCORDING TO PRACTICES SET OUT IN THE RELEVANT MANUFACTURES INSTALLATION SPECIFICATIONS.

CONTRACTOR IS RESPONSIBLE FOR ALL BACKFILL AND INTERIM SITE GRADING ENSURING THAT THERE IS A POSITIVE SLOPE AWAY FROM THE BUILDING AND THAT ACCESS TO THE REAR OF THE SITE IS POSSIBLE.
A DRAWING OF SITE GRADING WILL BE PROVIDED BY THE CIVIL CONSULTANT.

OBC SB10 REQUIREMENTS FOR ZONE 7, PER TABLE SB5-7

ROOF: R60
WALLS: R24
SLAB: MIN.R5 (PREF R10, MODELLING TBD)
SLAB EDGES 36" IN: R25
WINDOWS & DOORS: FG FRAMES, 3X GLAZED, LOW-E, ARGON, NON-CONDUCTIVE SPACERS
VESTIBULES: NOT REQ'D
ENERGY MODELLING BY ARCHITECT PENDING

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ISSUANCE	DATE DD/MM/YY
1 Coordination 1	May 23rd, 2015
2 Coordination 2	Aug 14th, 2015
3 Coordination 3	Sept 4th, 2015
4	
5	



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Whitewater Brewery

project # 2014-003

Whitewater Brewing
Company

Hwy 17

Cobden, ON

Notes

A0.02

Item	Ontario Building Code Data Matrix Parts 3 & 9						OBC Reference				
1	Project Description: <input checked="" type="checkbox"/> New <input type="checkbox"/> Addition <input type="checkbox"/> Change of Use <input type="checkbox"/> Alteration						<input type="checkbox"/> Part 11	<input checked="" type="checkbox"/> Part 3	<input type="checkbox"/> Part 9		
							11.1 - 11.4	1.1.2[A]	2.1.1 9.10.1.3		
2	Major Occupancy(s) A						3.1.2.1.(1)		9.10.2		
3	Building Area (m²) Existing New 637 Total 637						1.4.1.2[A]		1.4.1.2[A]		
4	Gross Area Existing New 703 Total 703						1.1.3.2		1.1.3.2		
5	Number of Storeys Above grade 2 Below grade N/A <i>New Slab-on-grade construction with 66m² mezzanine level</i>						3.2.1.1 & 1.1.3.2				
6	Number of Streets/Access Routes 1						3.2.2.10 & 3.2.5.5		9.10.20		
7	Building Classification 3.2.2.25						3.2.2.20.83		9.10.20		
8	Sprinkler System Proposed <input type="checkbox"/> entire building <input type="checkbox"/> basement only <input type="checkbox"/> in lieu of roof rating <input checked="" type="checkbox"/> not required <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						3.2.2.20.83				
							3.2.1.5				
9	Standpipe required <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						3.2.2.17				
							3.2.9				
10	Fire Alarm required: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						3.2.4		9.10.7.2		
11	Water Service/Supply is Adequate <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						3.2.5.7				
12	High Building <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						3.2.6				
13	Permitted Construction <input type="checkbox"/> Combustible <input checked="" type="checkbox"/> Non-combustible						3.2.2.20.83		9.10.6		
	Actual Construction <input type="checkbox"/> Combustible <input checked="" type="checkbox"/> Non-combustible										
14	Mezzanine(s) Area m²: 66m ²						3.2.1.1.(3)(8)		9.10.6		
15	Occupant load based on <input checked="" type="checkbox"/> m ² /person <input type="checkbox"/> design of building						3.1.17.1		9.9.1.3		
	Basement: Occupancy _____ Load _____ persons 1 st Floor Occupancy A2 Load 110 persons 2 nd Floor Occupancy _____ Load _____ persons 3 rd Floor Occupancy _____ Load _____ persons										
16	Barrier-free Design <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain)						3.8		9.5.2		
17	Hazardous Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						3.3.1.2. & 3.3.1.19		9.10.1.3(4)		
18	Required Fire Resistance Rating (FRR)		Horizontal Assemblies		Listed Design No. or Description (SG-2)		3.2.2.20.83 & 3.2.1.4		9.10.8		
			FRR (Hours)						9.10.9		
			Floors 45min		<i>Fire-retardant treated wood roof system per 3.1.14.1</i>		3.2.2.25.(2)(c)(i)				
			Roof Waived				3.2.2.25.(2)(a)				
		Mezzanine 45min									
		FRR of Supporting Members		Listed Design No. Or Description (SG-2)							
		Floors n/a									
		Roof n/a									
		Mezzanine 45min									
19	Spatial Separation - Construction of Exterior Walls						3.2.3		9.10.14		
	Wall	Area of EBF (m ²)	L.D. (m)	L/H or H/L	Permitted Max. % of Openings	Proposed % of Openings	FRR (Hours)	Listed Design or Description	Comb Const	Comb. Constr. Nonc. Cladding	Non-comb. Constr.
	North	000	000	000	00%	00%	000	00.00.00	N	Y	N
	South	000	000	000	00%	00%	000	00.00.00	N	Y	N
	East	000	000	000	00%	00%	000	00.00.00	N	Y	N
	West	000	000	000	00%	00%	000	00.00.00	N	Y	N
20	Plumbing Fixture Requirements						OBC Ref: Part 3		Part 9		
Male/Female Count : 50% / 50%, except as noted otherwise						Occupant Load	BC Table Number	Fixtures Required	Fixtures Provided	9.9.9.9	
1 st Floor: Occupancy						110	3.7.4.3.A	2m/3f	3m/3f	3.7.4.2.	
1 st Floor: Occupancy (staff 1-9)						9/110	3.7.4.3.F	1m/1f	1m/1f		
(Adjust as req'd for additional floors or occupancies)											

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Whitewater Brewery
 project # 2014-003
 Whitewater Brewing
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 Hwy 17
 Cobden, ON

OBC Matrix
A0.03

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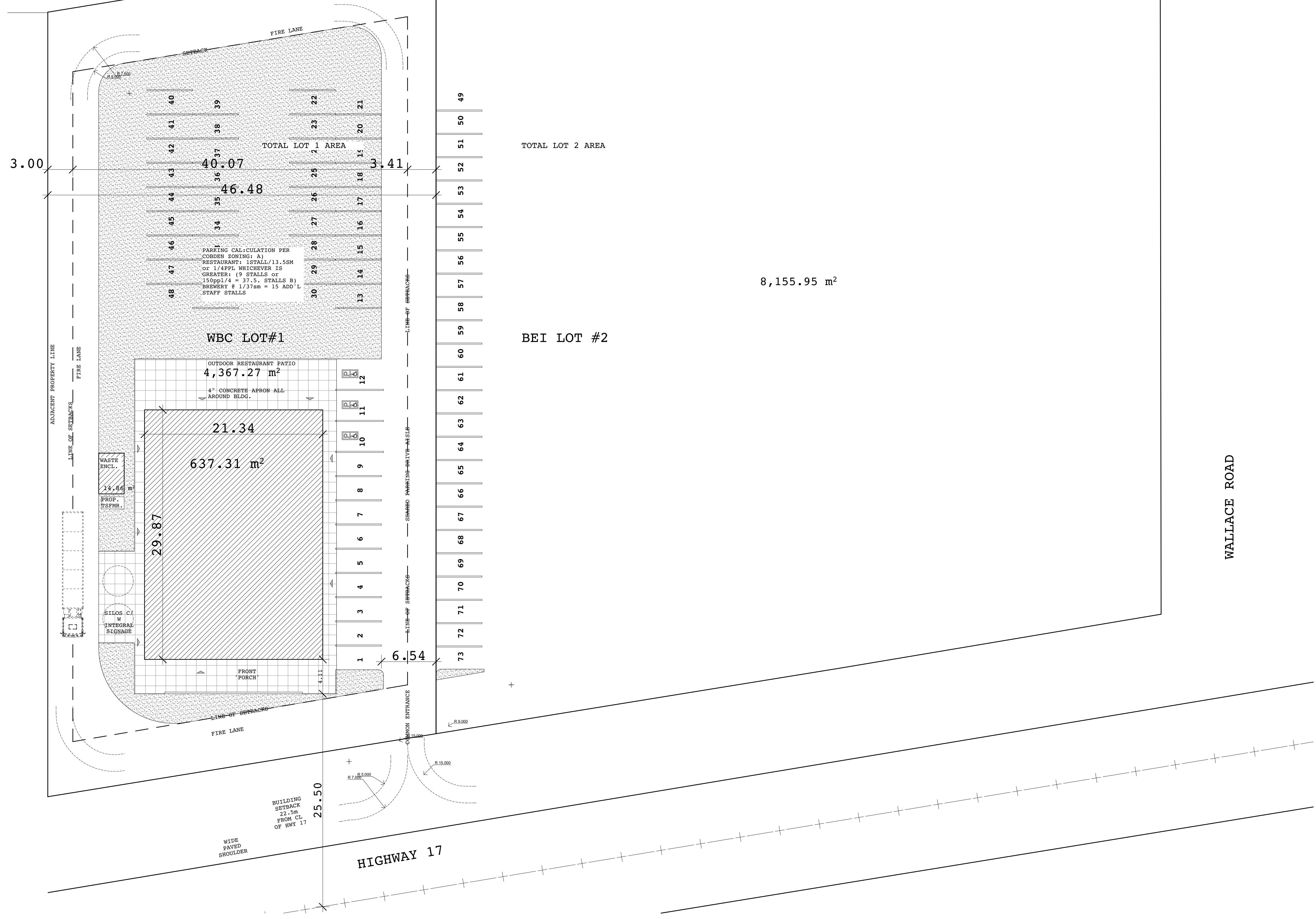
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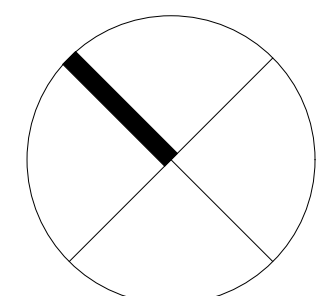
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Whitewater Brewery
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1" = 10'

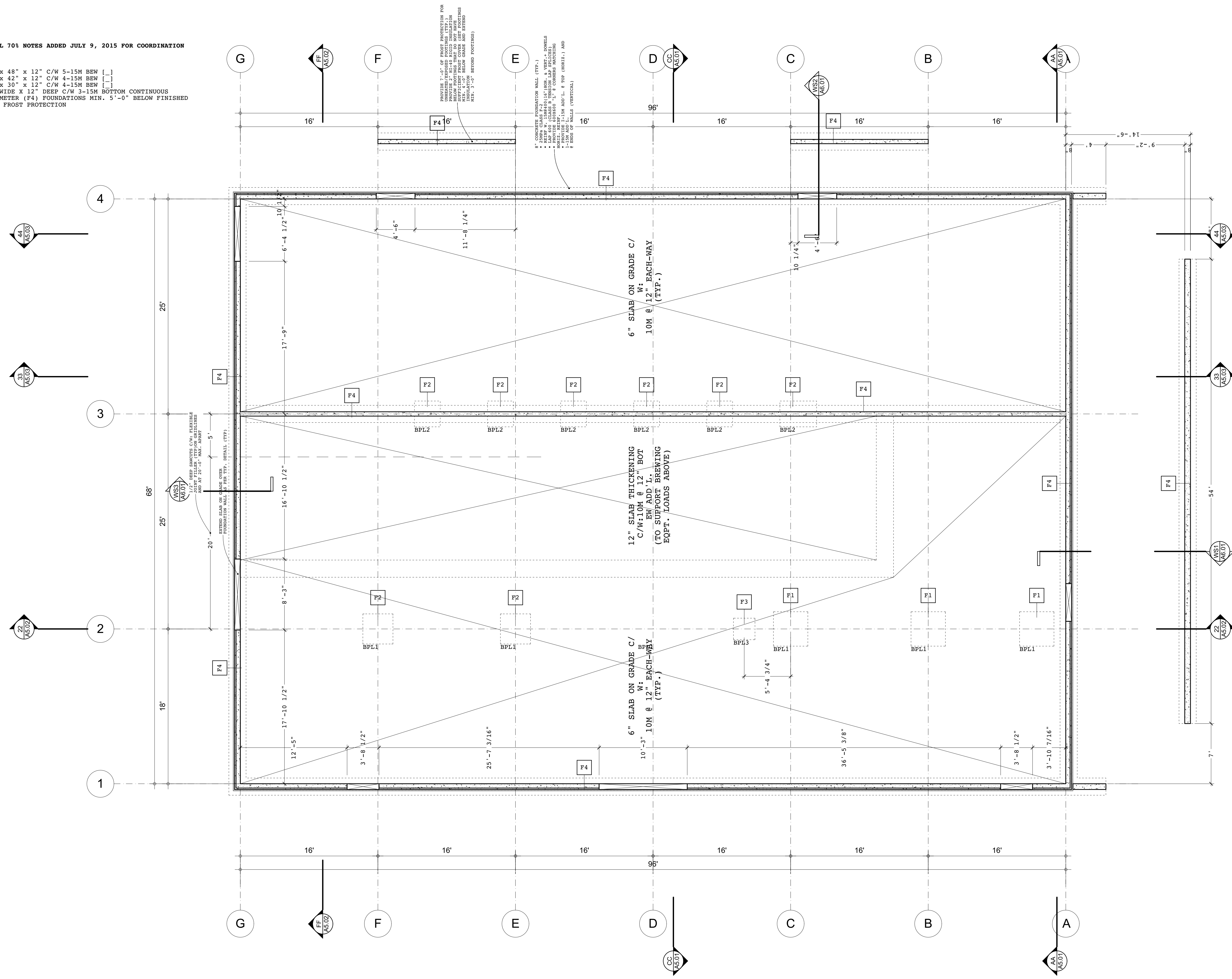
Keyplan

A1.01

STRUCTURAL 70% NOTES ADDED JULY 9, 2015 FOR COORDINATION

FOOTINGS

- F1 = 48" x 48" x 12" C/W 5-15M BEW []
 - F2 = 42" x 42" x 12" C/W 4-15M BEW []
 - F3 = 30" x 30" x 12" C/W 4-15M BEW []
 - F4 = 24" WIDE X 12" DEEP C/W 3-15M BOTTOM CONTINUOUS
- *SET PERIMETER (F4) FOUNDATIONS MIN. 5'-0" BELOW FINISHED GRADE FOR FROST PROTECTION



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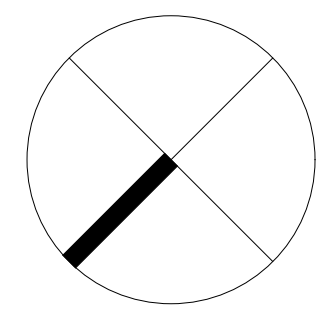
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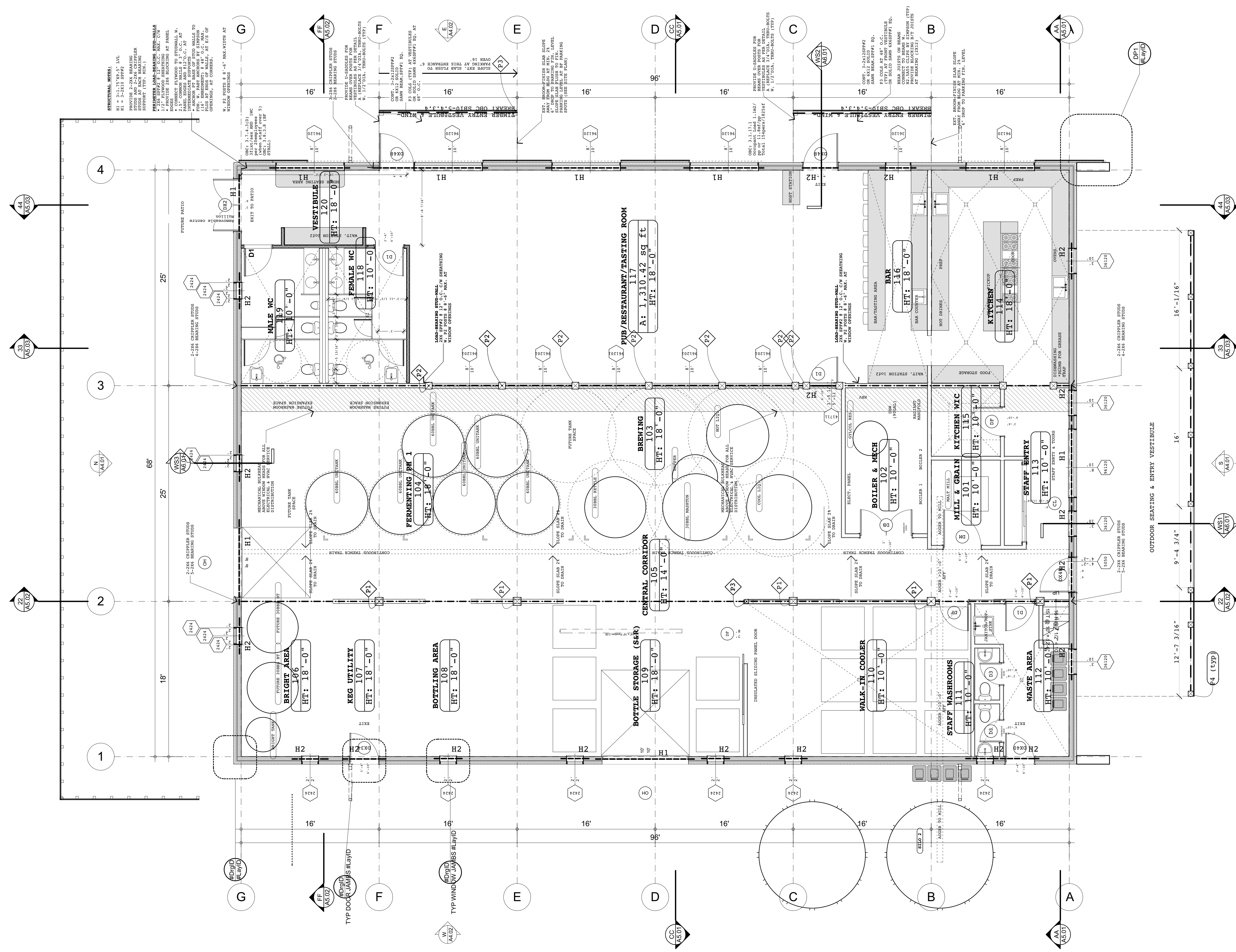
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Whitewater Brewery
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Foundation Plan
A2.01



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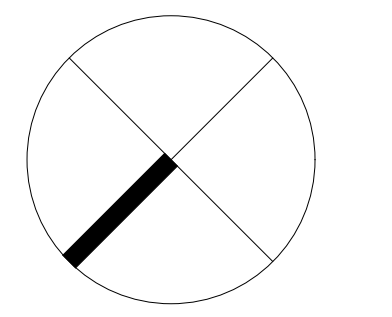
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DD Program Schedule		
#	Room Name	Area
101	MILL & GRAIN	79.67 10'
102	BOILER & MECH	166.78 10'
103	BREWING	598.71 18'
104	FERMENTING PH 1	716.48 18'
105	CENTRAL CORRIDOR	576.00 14'
106	BRIGHT AREA	172.26 18'
107	KEG UTILITY	144.00 18'
108	BOTTLING AREA	316.26 18'
109	BOTTLE STORAGE (S...	416.07 18'
110	WALK-IN COOLER	477.00 10'
111	STAFF WASHROOMS	34.02 10'
112	WASTE AREA	135.81 10'
113	STAFF ENTRY	144.16 10'
114	KITCHEN	393.64 18'
115	KITCHEN WIC	65.92 10'
116	BAR	172.67 18'
117	PUB/RESTAURANT/TIT...	1,310.42 18'
118	FEMALE WC	156.08 10'
119	MALE WC	142.24 10'
120	VESTIBULE	169.74 18'
200	LAB	161.17 8'
201	OFFICE	552.52 8'
		7,101.62 sq ft



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Whitewater Brewery
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 Whitewater Brewing Company
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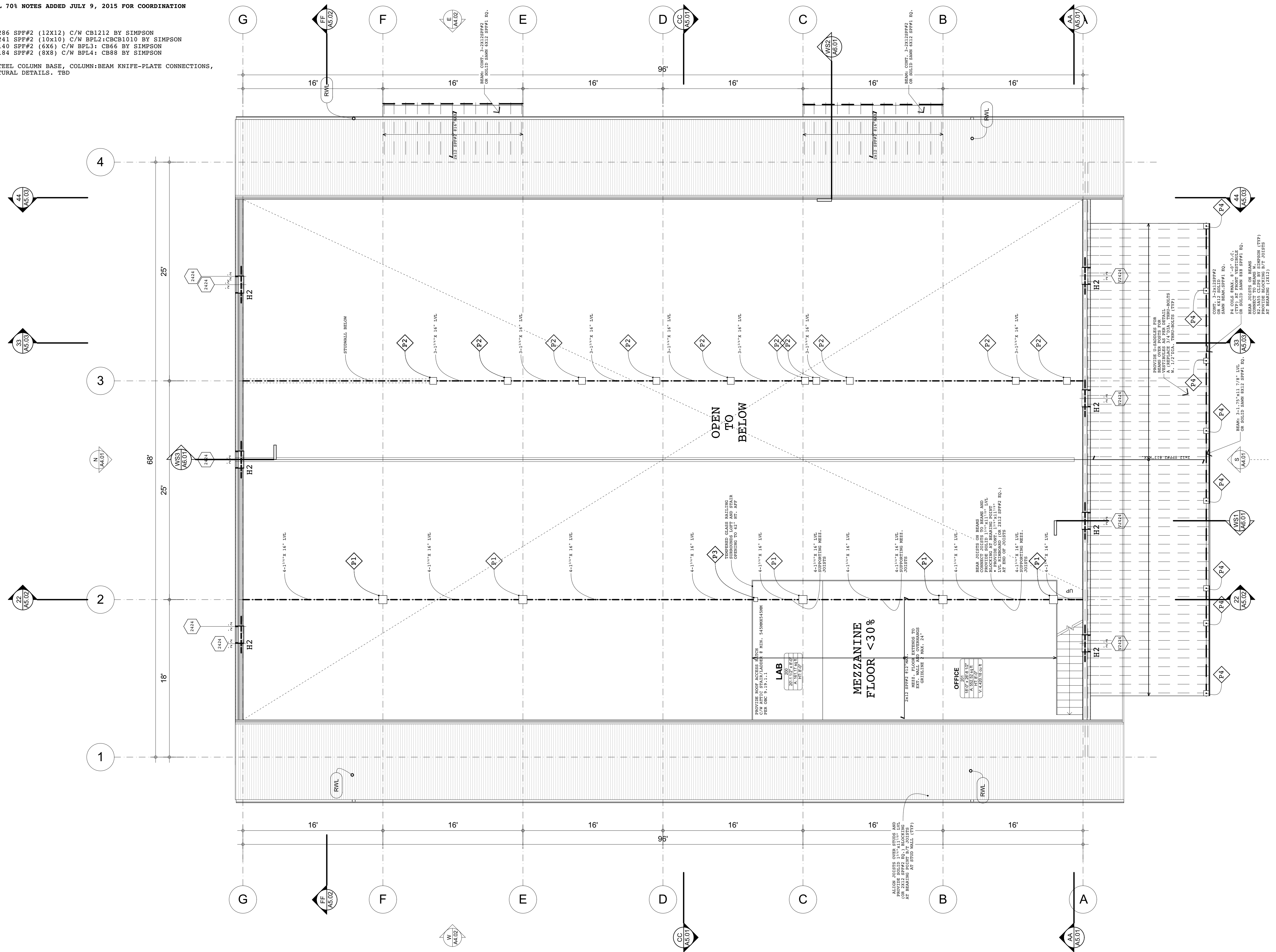
Ground Floor Plan
A2.02

STRUCTURAL 70% NOTES ADDED JULY 9, 2015 FOR COORDINATION

COLUMNS

- P1 = 286x286 SPF#2 (12X12) C/W CB1212 BY SIMPSON
- P2 = 241x241 SPF#2 (10X10) C/W BPL2:CB1010 BY SIMPSON
- P3 = 140x140 SPF#2 (6X6) C/W BPL3:CB66 BY SIMPSON
- P4 = 184x184 SPF#2 (8X8) C/W BPL4:CB88 BY SIMPSON

FOR ALL STEEL COLUMN BASE, COLUMN-BEAM KNIFE-PLATE CONNECTIONS, SEE STRUCTURAL DETAILS. TBD



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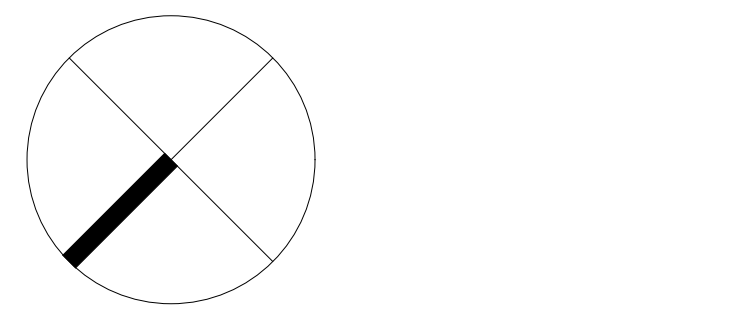
PROVIDE CHANGES FOR BEAMS OVER JOISTS FOR BEAM A (REPLACE 3/4\"/>

BEAM JOISTS OR BEAMS BEAM: 3-1 1/4\"/>



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Whitewater Brewery
 project # 2014-003
 Whitewater Brewing Company
 Hwy 17
 Cobden, ON

Second Floor Plan
A2.03

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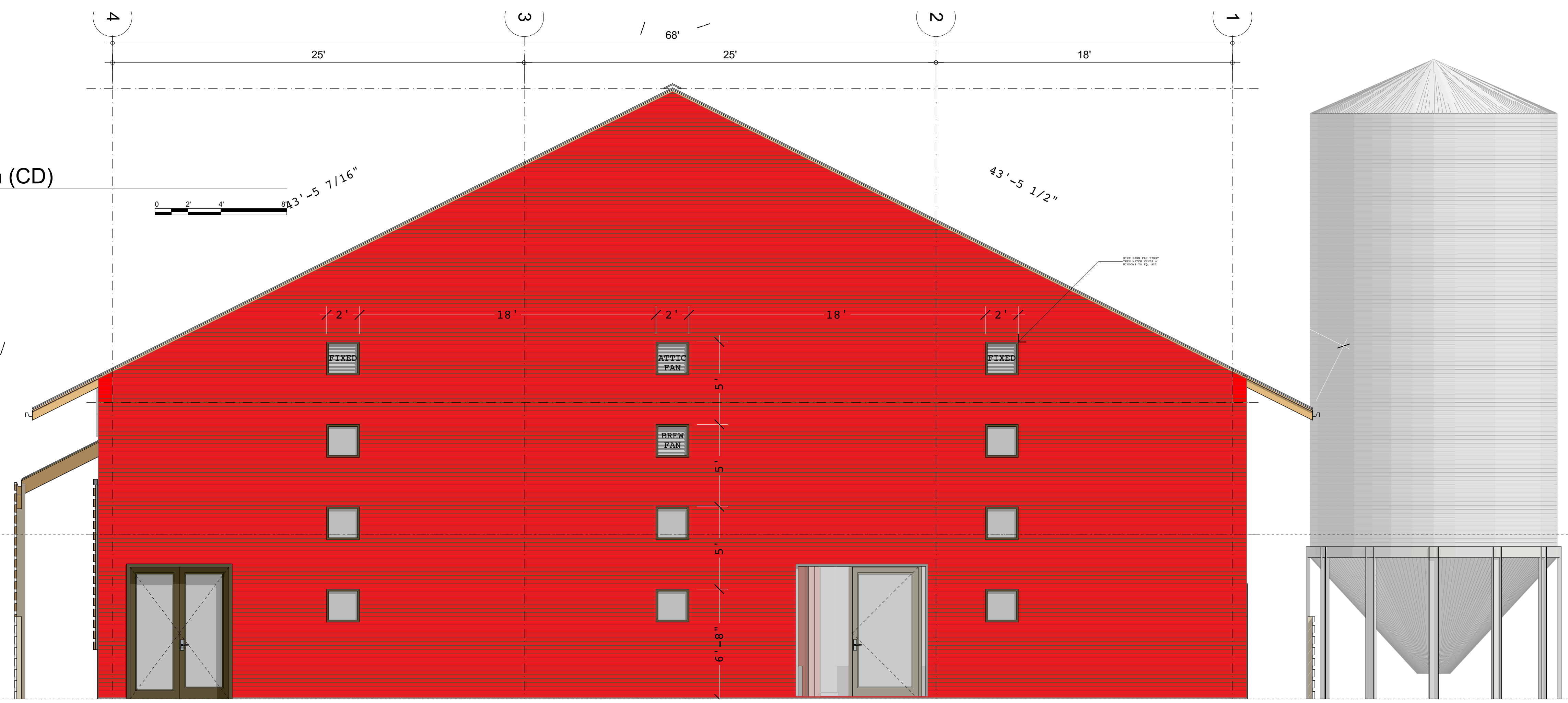
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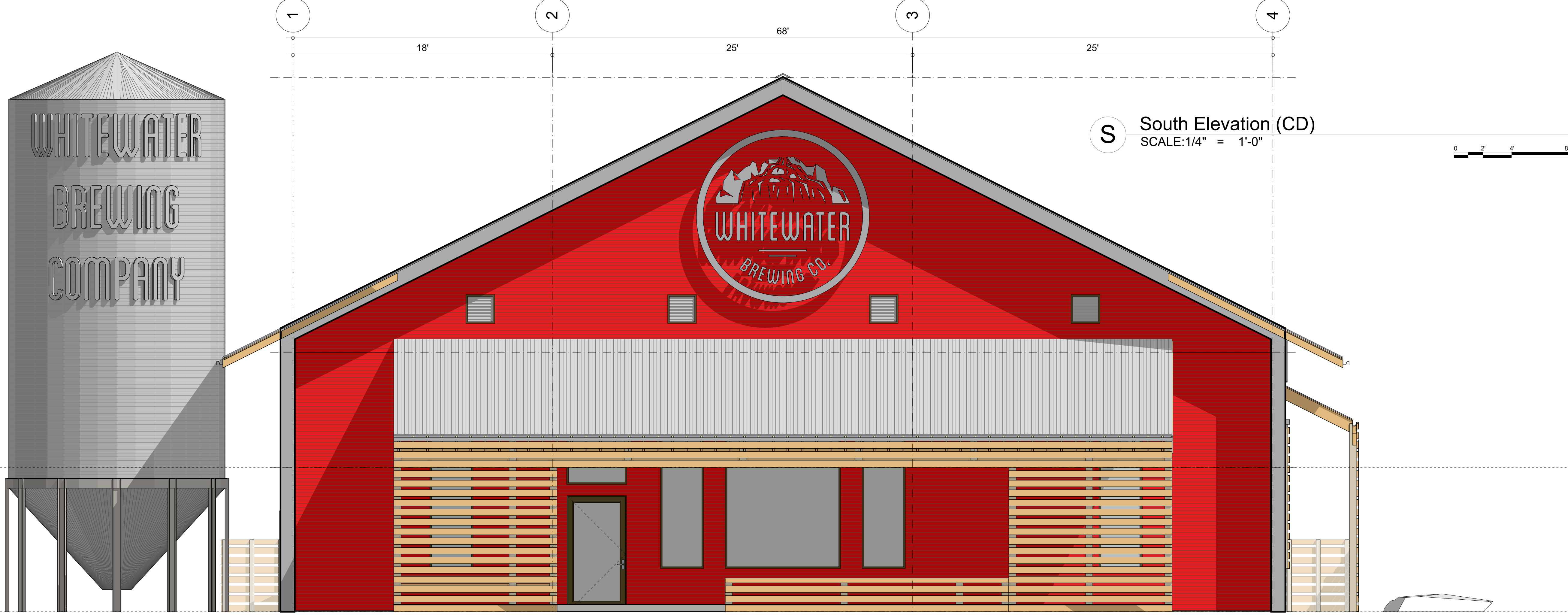
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N North Elevation (CD)
SCALE: 1/4" = 1'-0"



S South Elevation (CD)
SCALE: 1/4" = 1'-0"

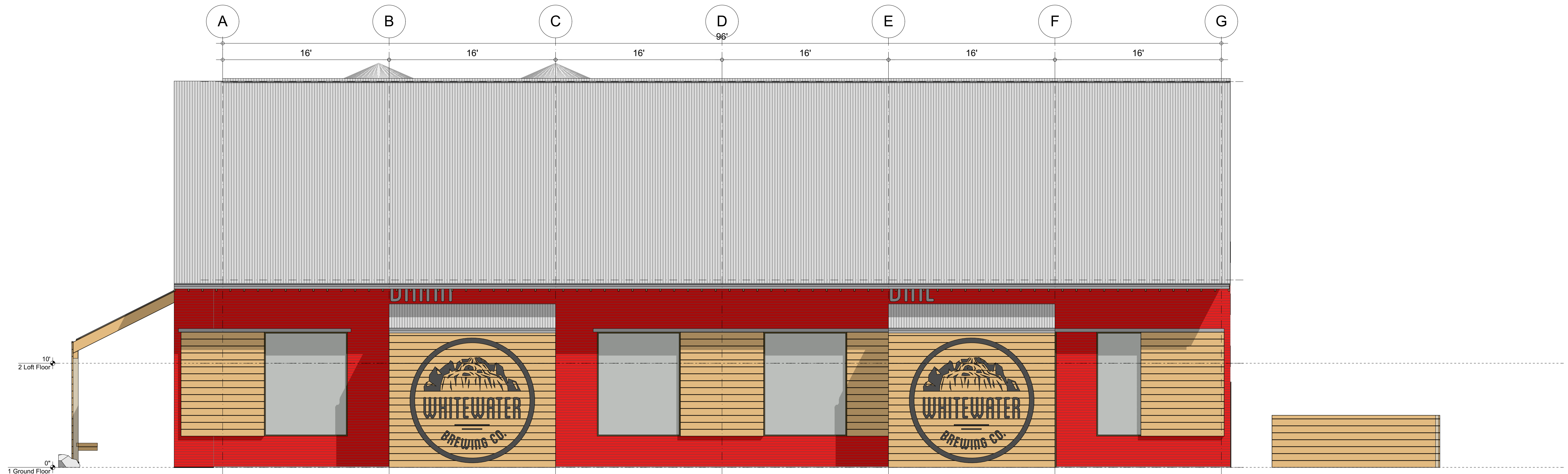


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Whitewater Brewery
project # 2014-003
Whitewater Brewing
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Cobden, ON

North & South
Elevations
A4.01



E East Elevation (CD)
SCALE:3/16" = 1'-0"



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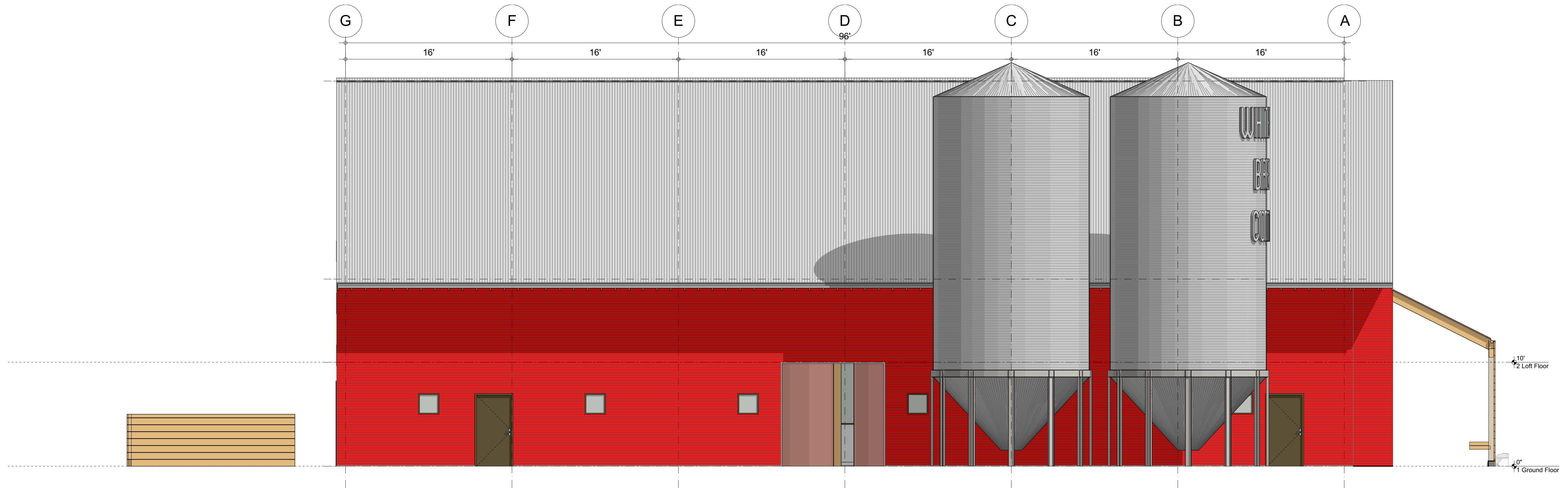
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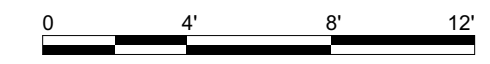
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W West Elevation (CD)
SCALE:3/16" = 1'-0"



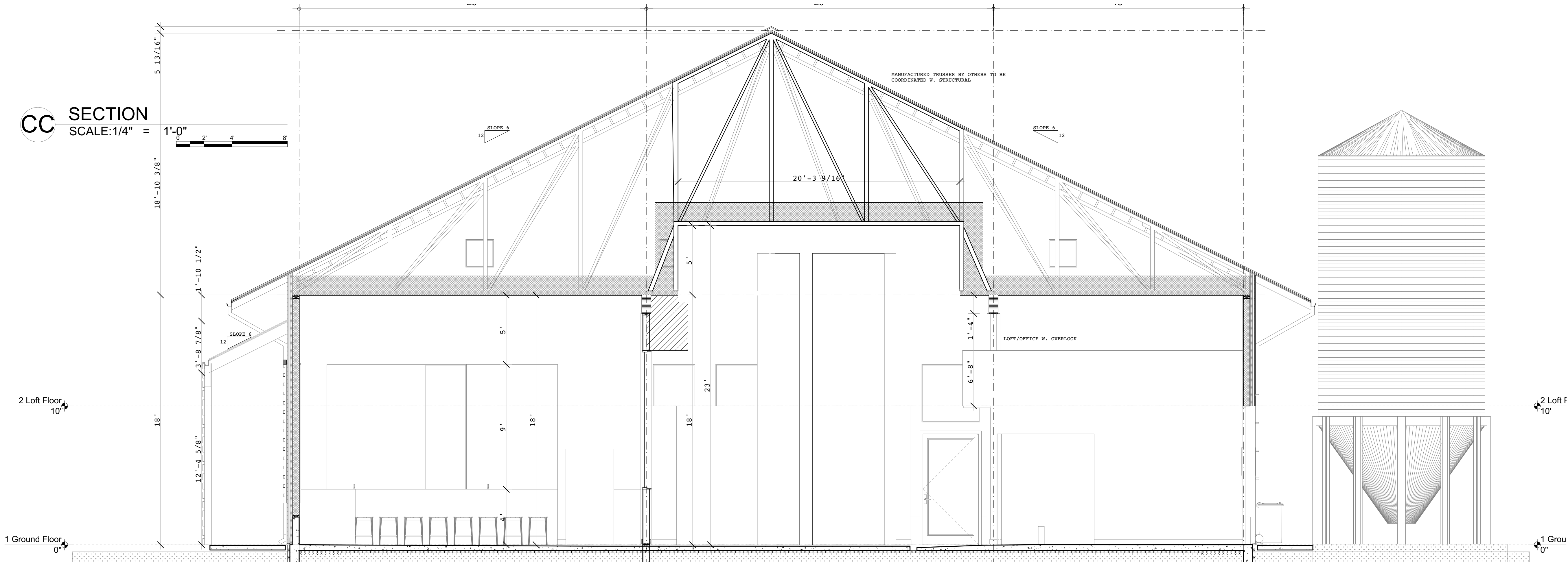
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**East & West
Elevations
A4.02**

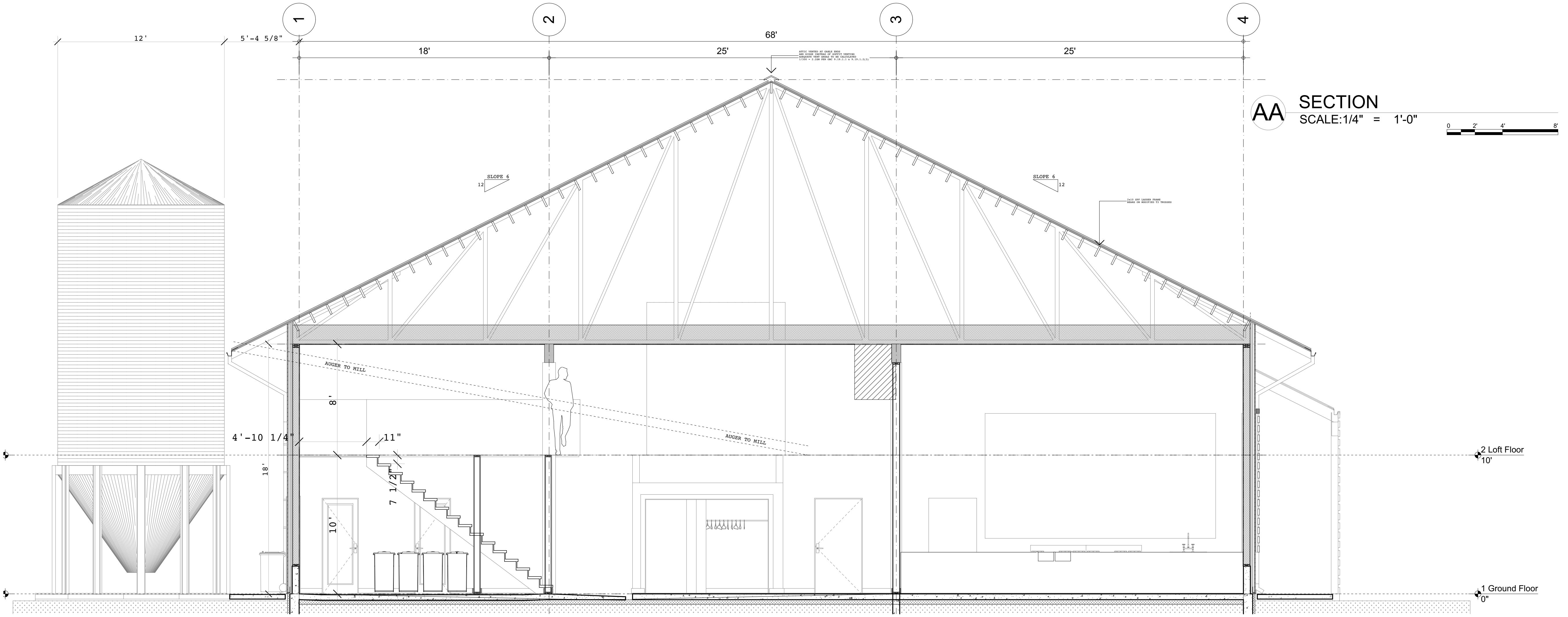
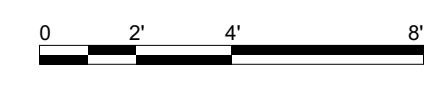
CC SECTION
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AA SECTION
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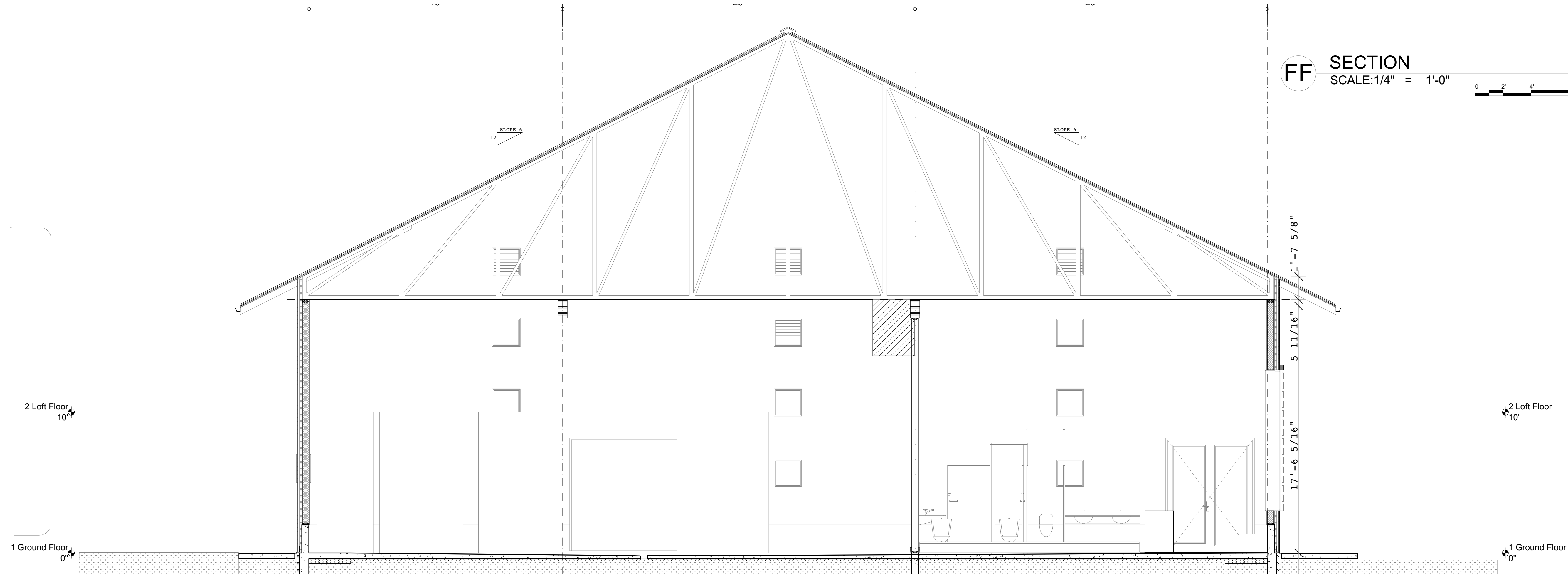


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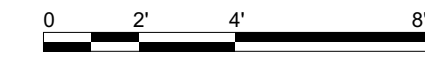
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 Whitewater Brewing
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Building
 Sections 1/3
A5.01



FF SECTION
SCALE: 1/4" = 1'-0"



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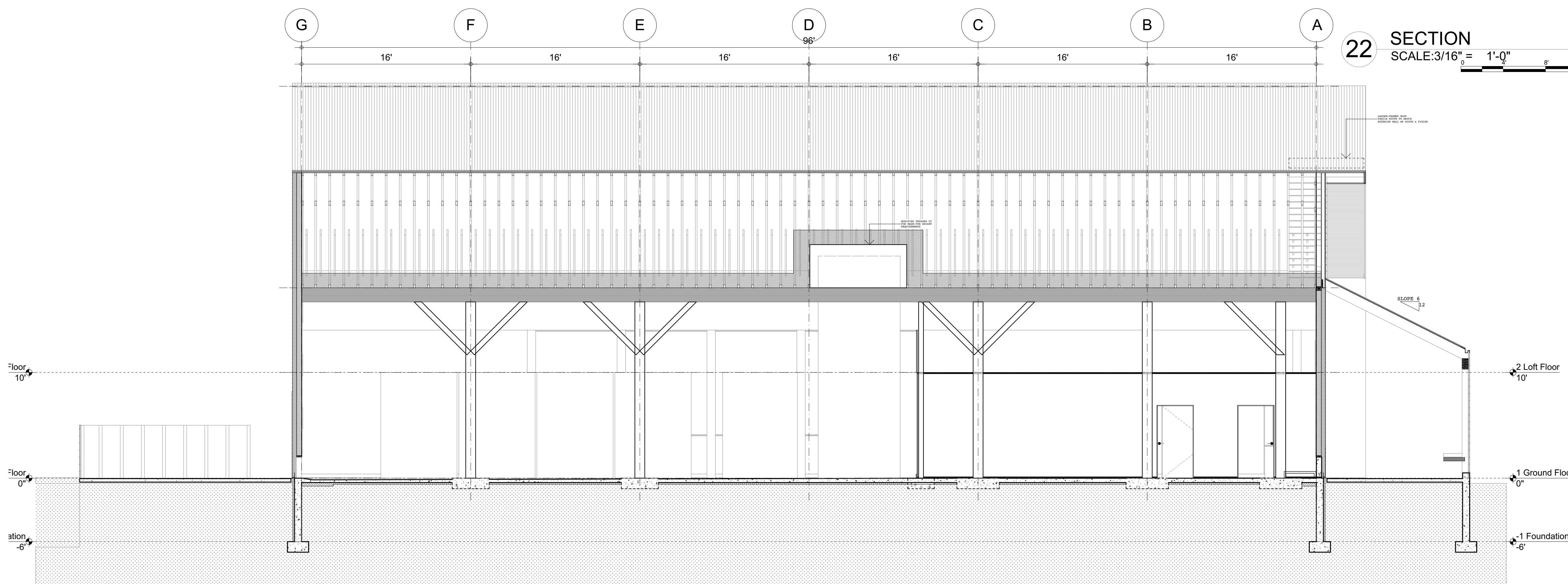
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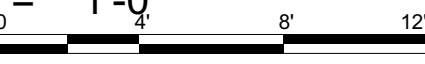
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22 SECTION
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**Building
Sections 2/3
A5.02**

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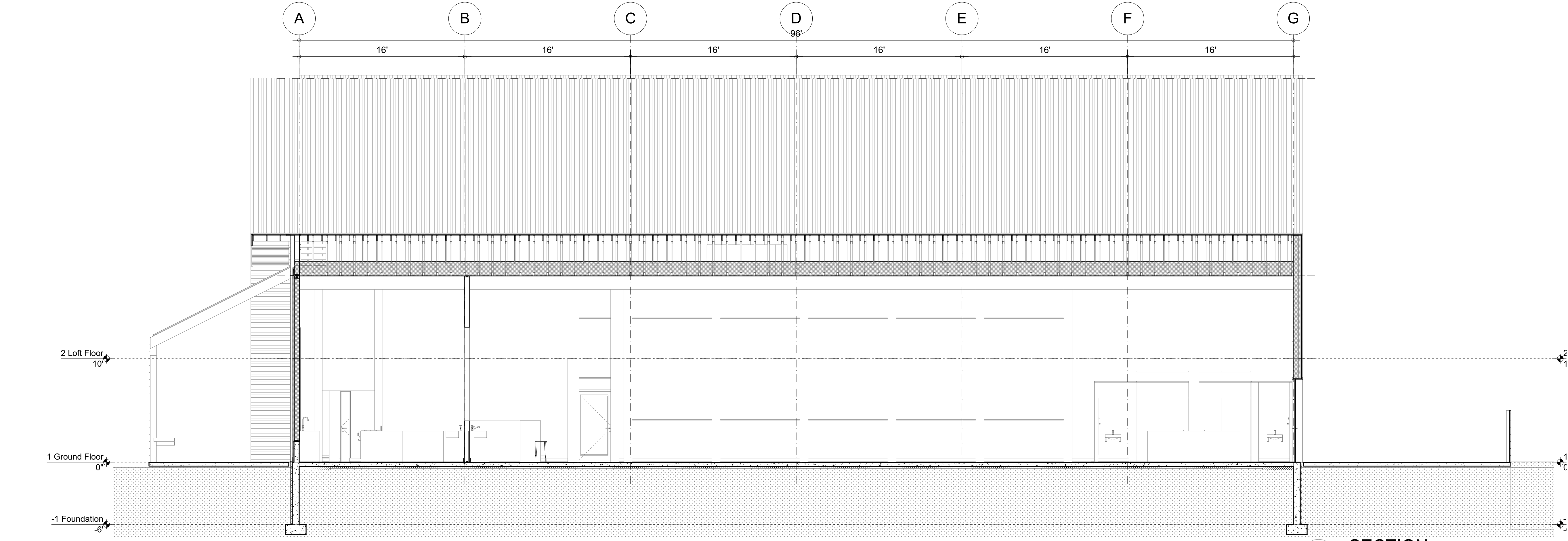
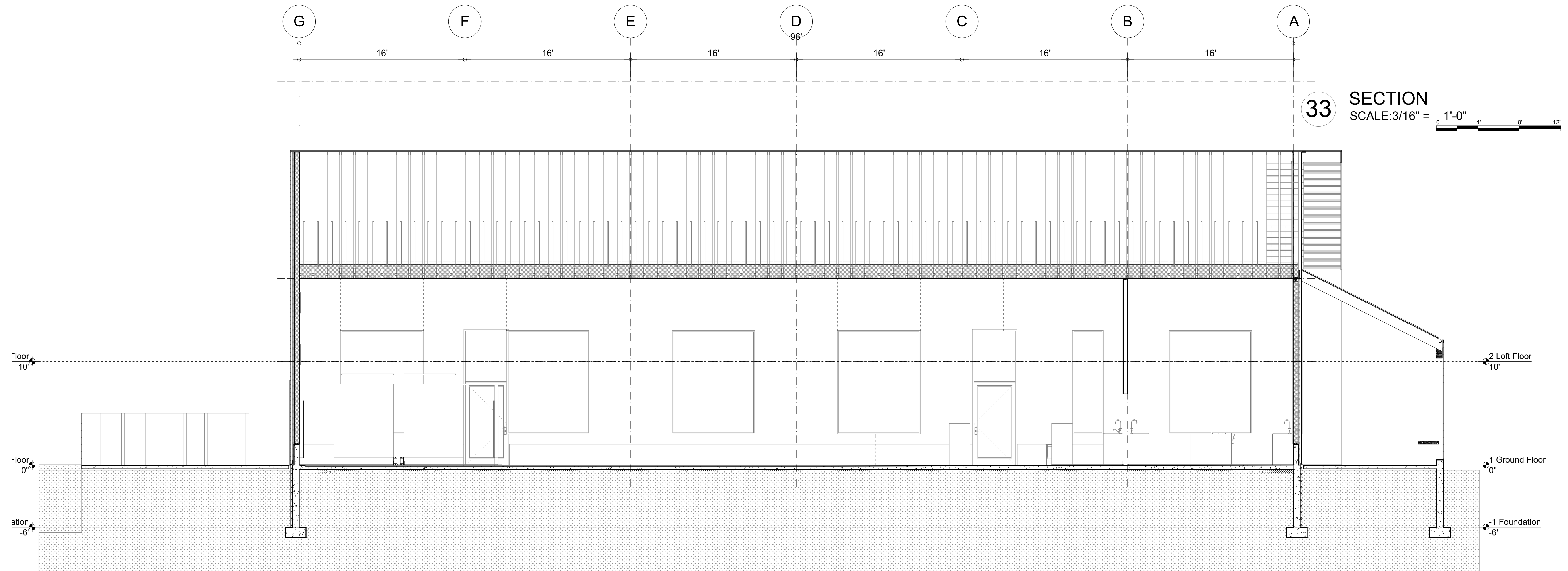
5. Shop drawings are not to be used for construction unless noted below as "Issued For Construction".

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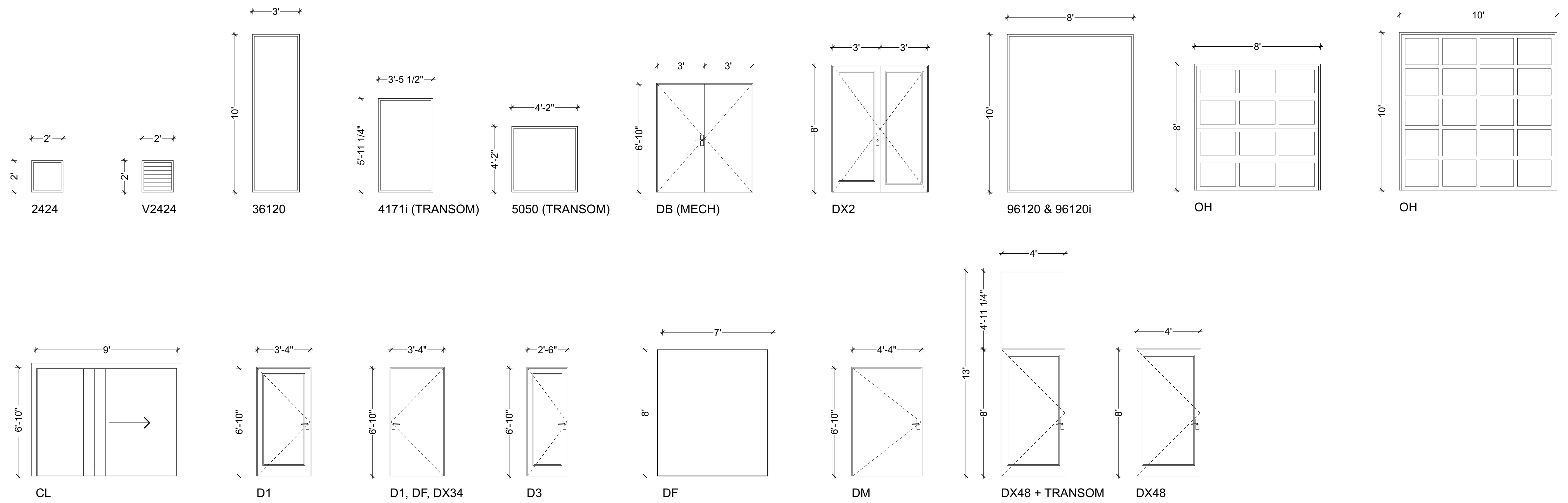


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Whitewater Brewery
project # 2014-003
Whitewater Brewing
Company
Hwy 17
Cobden, ON

**Building
Sections 3/3
A5.03**



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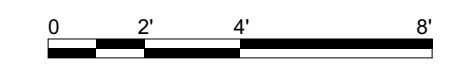
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WBC DOOR-WINDOW LEGEND
SCALE: 1/4" = 1'-0"



WBC 2015 WINDOW SCHEDULE			
ID	Quantity	Height	Width
2424	14	2'	2'
4171i	1	5'-11 1/4"	3'-5 1/2"
5050	1	4'-2"	4'-2"
36120	5	10'	3'
96120	6	10'	8'
96120i	5	10'	8'
V2424	8	2'	2'

WBC 2015 DOOR AND FRAME SCHEDULE										
MARK	FROM ROOM	TO ROOM	Leaf Dimensions	TYPE	MAT'L	FINISH	FRAME	FIRE	HDWE	COMMENTS
CL		STAFF ENTRY	8'-9 5/8"x6'-9 1/2"	MIR	ALU	ANO	HMF	NR		MIRRORED CLOSET SLIDER
D1		BREWING	3'-4"x6'-10"	SCW-GP	MAPLE	VAR	HMF	NR		SOLID CORE WOOD GLASS PANEL (INTERIOR)
D1		FEMALE WC	3'-4"x6'-10"	SCWV	MAPLE	VAR	HMF	NR		SOLID CORE WOOD VENEER
D1		WASTE AREA	3'-4"x6'-10"	SCWV	MAPLE	VAR	HMF	NR		SOLID CORE WOOD VENEER
D1	MALE WC		3'-4"x6'-10"	SCWV	MAPLE	VAR	HMF	NR		SOLID CORE WOOD VENEER
D3			2'-6"x6'-10"	SCWV	MAPLE	VAR	HMF	NR		SOLID CORE WOOD VENEER
D3			2'-6"x6'-10"	SCWV	MAPLE	VAR	HMF	NR		SOLID CORE WOOD VENEER
DB		BOILER & MECH	3'x6'-10"	SCWV	MAPLE	VAR	HMF	NR		SOLID CORE WOOD VENEER
DF		KITCHEN WIC	3'-4"x6'-10"	ICM	MTL	PT	IMF	NR		INSULATED CORE PAINTED METAL
DF		WALK-IN COOLER	3'-4"x6'-10"	ICM	MTL	PT	IMF	NR		INSULATED CORE PAINTED METAL
DF		WALK-IN COOLER	6'-8 1/16"x7'-10 1/16"	ICM	MTL	PT	IMF	NR		INS. CORE PM - SURFACE GASKETED SLIDER
DM		MILL & GRAIN	4'-4"x6'-10"	HCM	MTL	PT	HMF	NR		CHECK WIDTH FOR EQPT SERVICING
DX2			3'x8'	SCW-GP	MAPLE	VAR	HMF	NR		SOLID CORE W. THERMAL (3x) GLASS INSERT
DX34		KEG UTILITY	3'-4"x6'-10"	ICM	MTL	PT	IMF	NR		INSULATED CORE PAINTED METAL
DX40		WASTE AREA	3'-4"x6'-10"	ICM	MTL	PT	IMF	NR		INSULATED CORE PAINTED METAL
DX48			4'x8'	SCW-GP	MAPLE	VAR	IMF	NR		SOLID CORE W. THERMAL (3x) GLASS INSERT
DX48			4'x8'	SCW-GP	MAPLE	VAR	IMF	NR		SOLID CORE W. THERMAL (3x) GLASS INSERT
DX48	CENTRAL CORRIDOR		4'x8'	SCW-GP	MAPLE	VAR	IMF	NR		SOLID CORE W. THERMAL (3x) GLASS INSERT
OH		BOTTLE STORAGE (S&R)	---	---	---	---	---	---		---
OH		CENTRAL CORRIDOR	---	---	---	---	---	---		---

WINDOW & DOOR SCHEDULE NOTES:

i SUFFIX DENOTES INTERIOR, SINGLE GLAZED
v PREFIX DENOTES LOUVRED GALVANIZED, SCREENED VENT
CL DENOTES CLOSET SLIDING DOOR
DX DENOTES EXTERIOR DOOR, TRIPLE GLAZED
DF DENOTES WALK-IN-COOLER INSULATED PAINTED METAL DOOR C/W. THERMALLY BROKEN FRAME
OH DENOTES OVERHEAD ANODIZED THERMAL GARAGE DOOR * STYLE TBD BY OWNER
HMF = HOLLOW METAL FRAME
IMF = INSULATED METAL FRAME C/W THERMAL BREAK
SCWV = SOLID CORE WOOD C/W VENEER
SCWG = SOLID CORE WOOD C/W VENEER & LAMINATED GLAZED INSERT - JAMBS TYP. 150MM ALL SIDES, BOTTOM 250MM
ICM = INSULATED METAL CORE C/W THERMAL BREAK ON DOORSKIN
HCM = HOLLOW METAL CORE
MTL = METAL/STEEL DOOR
ANO = ANODIZED ALUMINUM
NR = NOT RATED

ALL WINDOWS AND GLAZED EXTERIOR DOORS (EXCEPT OVERHEAD DOORS WHICH MAY BE DOUBLE-GLAZED TO REDUCE WEIGHT) TO BE TRIPLE-GLAZED, LOW-E, C/W INSULATED & THERMALLY-BROKEN FRAMES AND GLAZING SPACERS (WARM-EDGE).
 TO MEET OBC FOR PEMBROKE, ZONE 4 PER SBC10

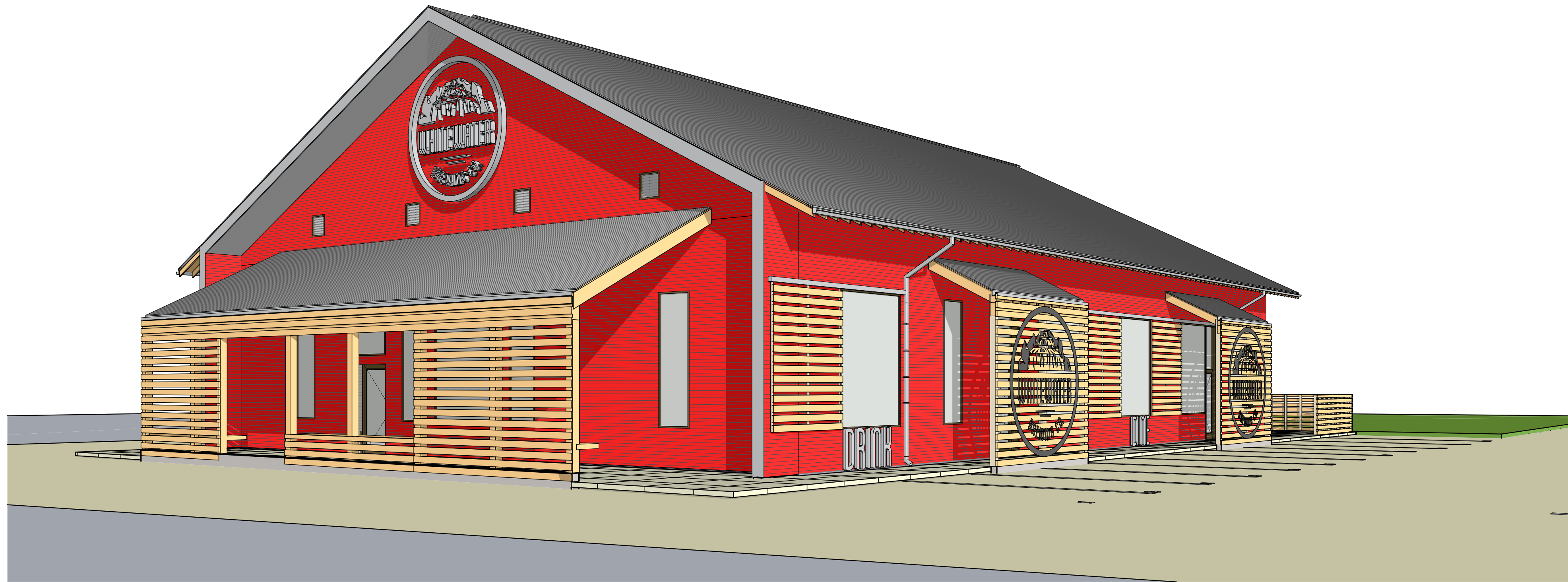


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project contact: Andy Thomson

Whitewater Brewery
 project # 2014-003
 Whitewater Brewing Company
 Hwy 17
 Cobden, ON

Window & Schedules
A8.01



2 From P-Lot
SCALE: 1/4" = 1'-0"



4 From Rear Alley
SCALE: 1/4" = 1'-0"

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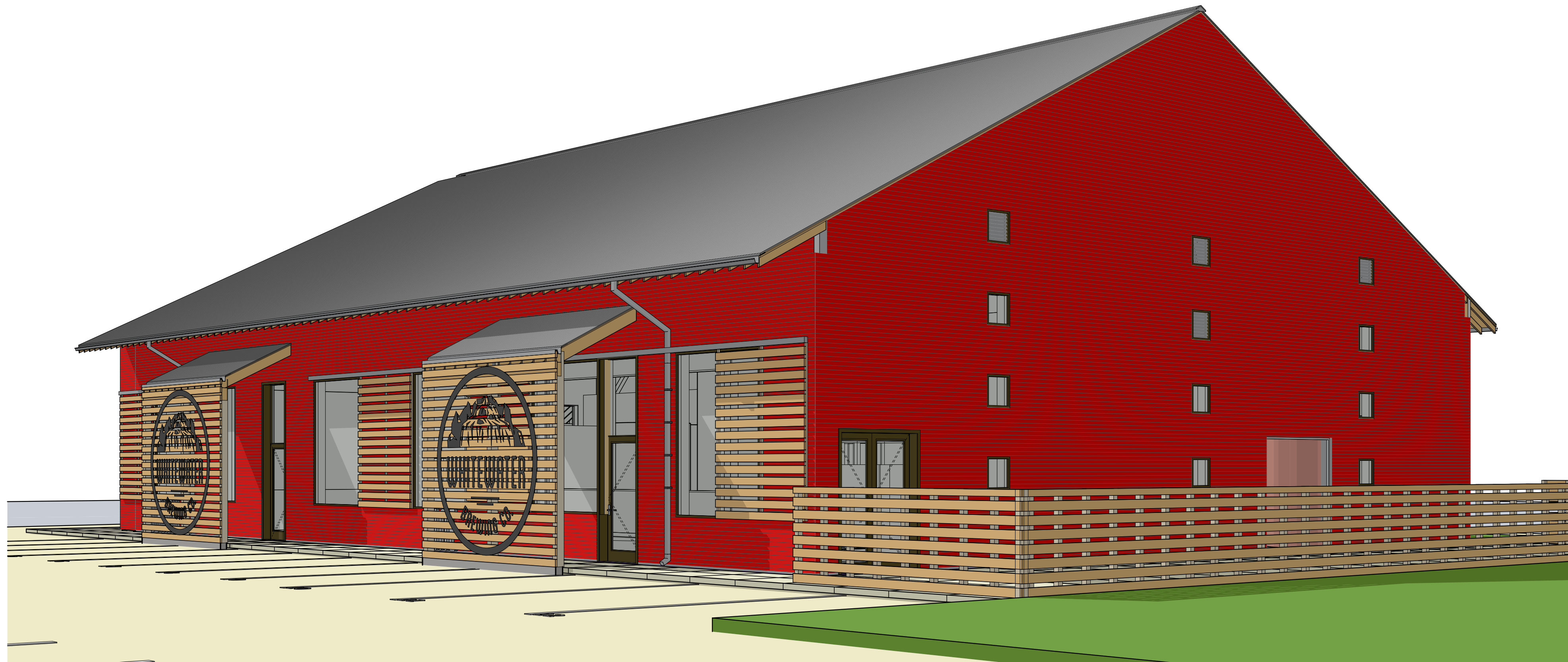


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Whitewater Brewery
project # 2014-003
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3D Sketches 1/2
A9.01



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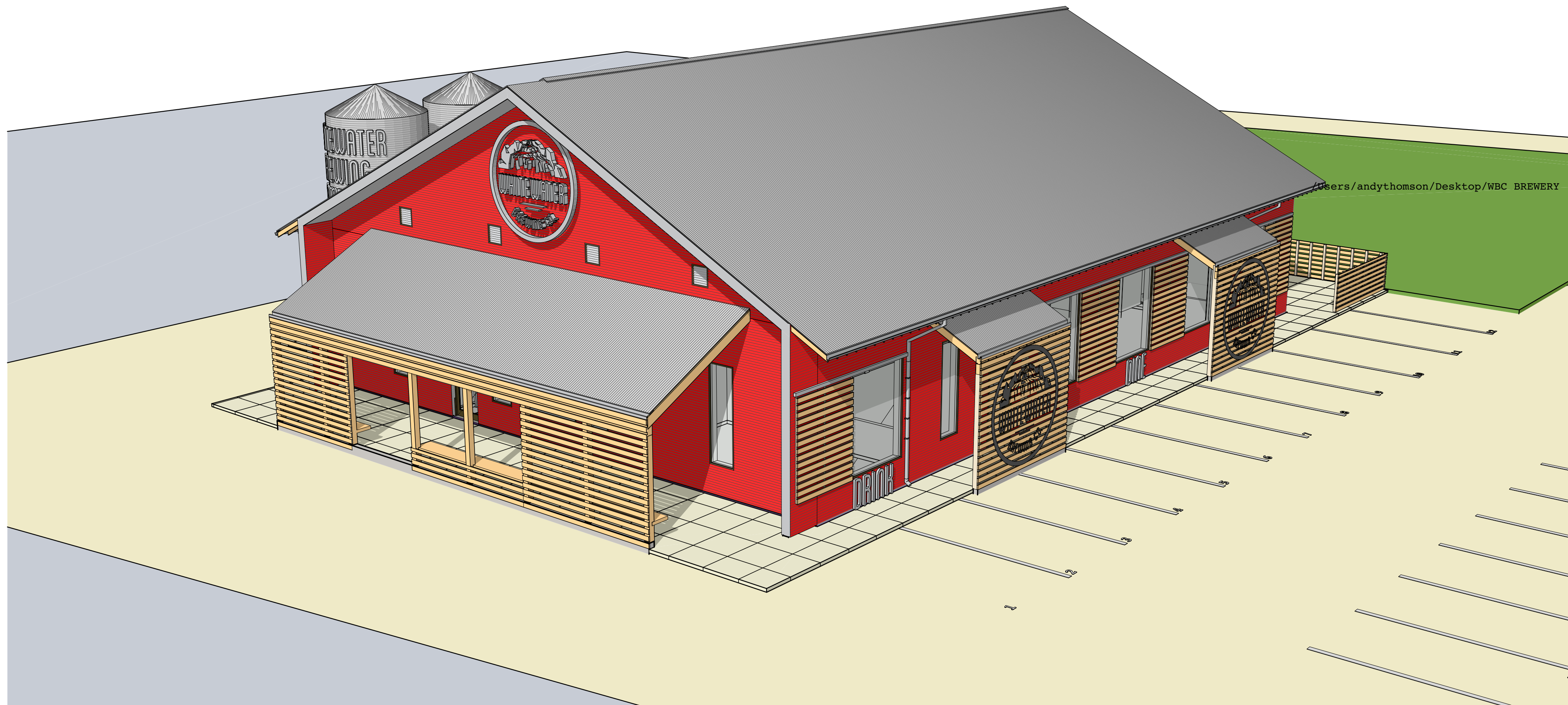
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6 Patio
SCALE: 1/4" = 1'-0"



3 HWY Corner Aerial
SCALE: 1/4" = 1'-0"



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3D Sketches 1/2
A9.02