

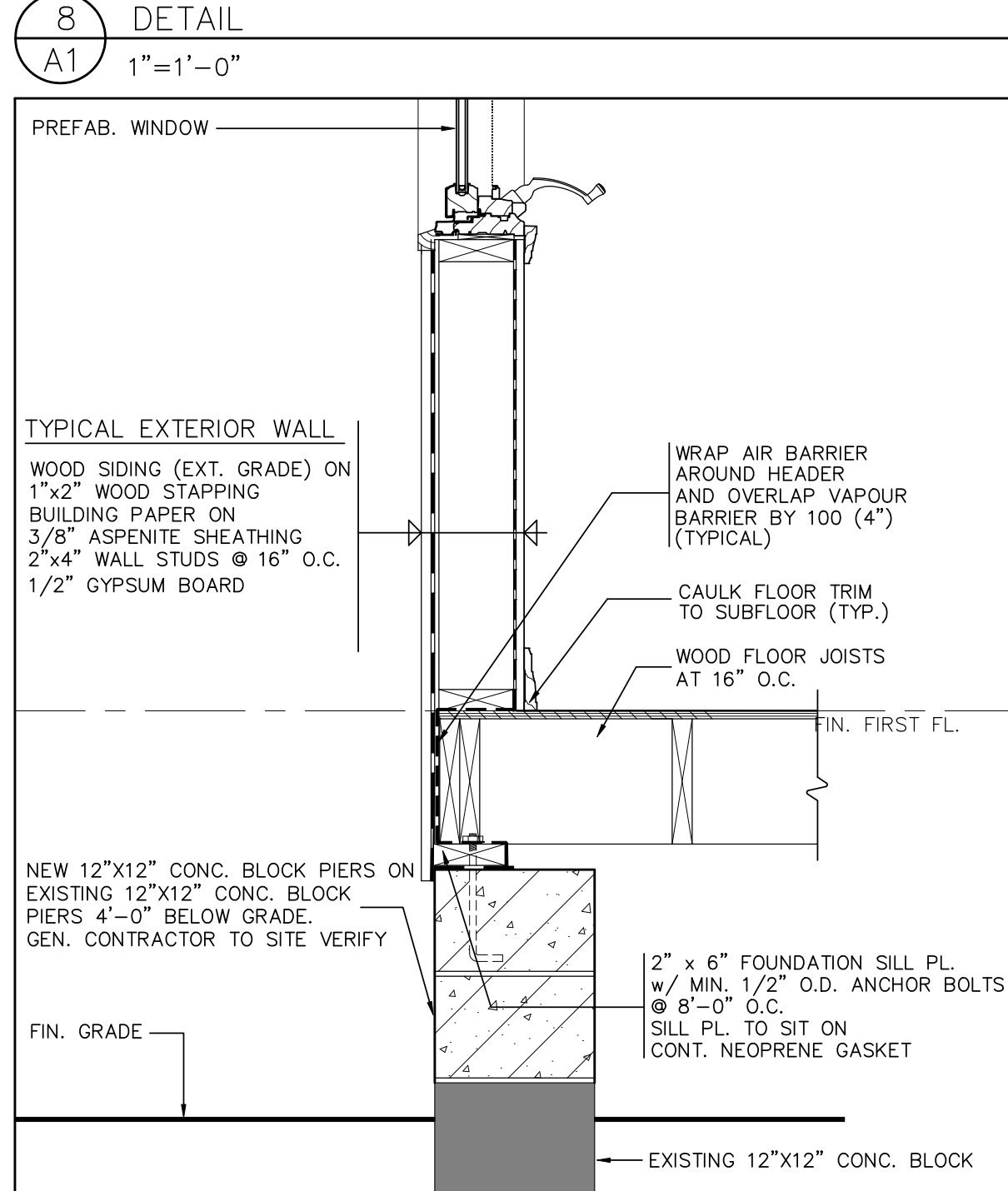
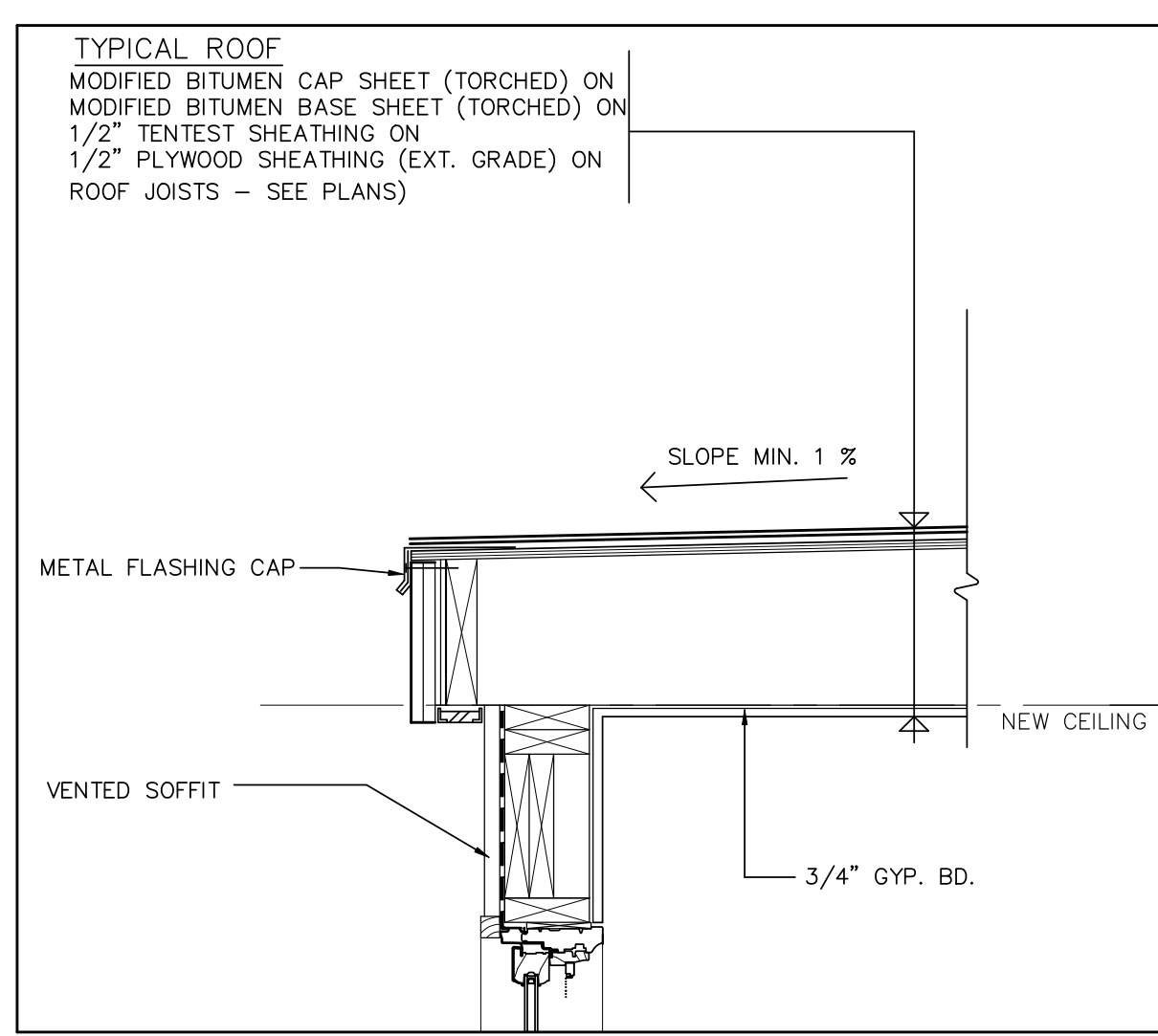
WOOD LINTEL SCHEDULE
INFORMATION TAKEN FROM O.B.C. 9.23.12.2

NO.	LINTEL SIZE	MAX. SPAN
W1	2'-2"x6"	4'-7"
W2	2'-2"x8"	6'-5"
W3	2'-2"x10"	7'-4"
W4	3'-2"x12"	9'-10"
W5	3'-2"x8"	

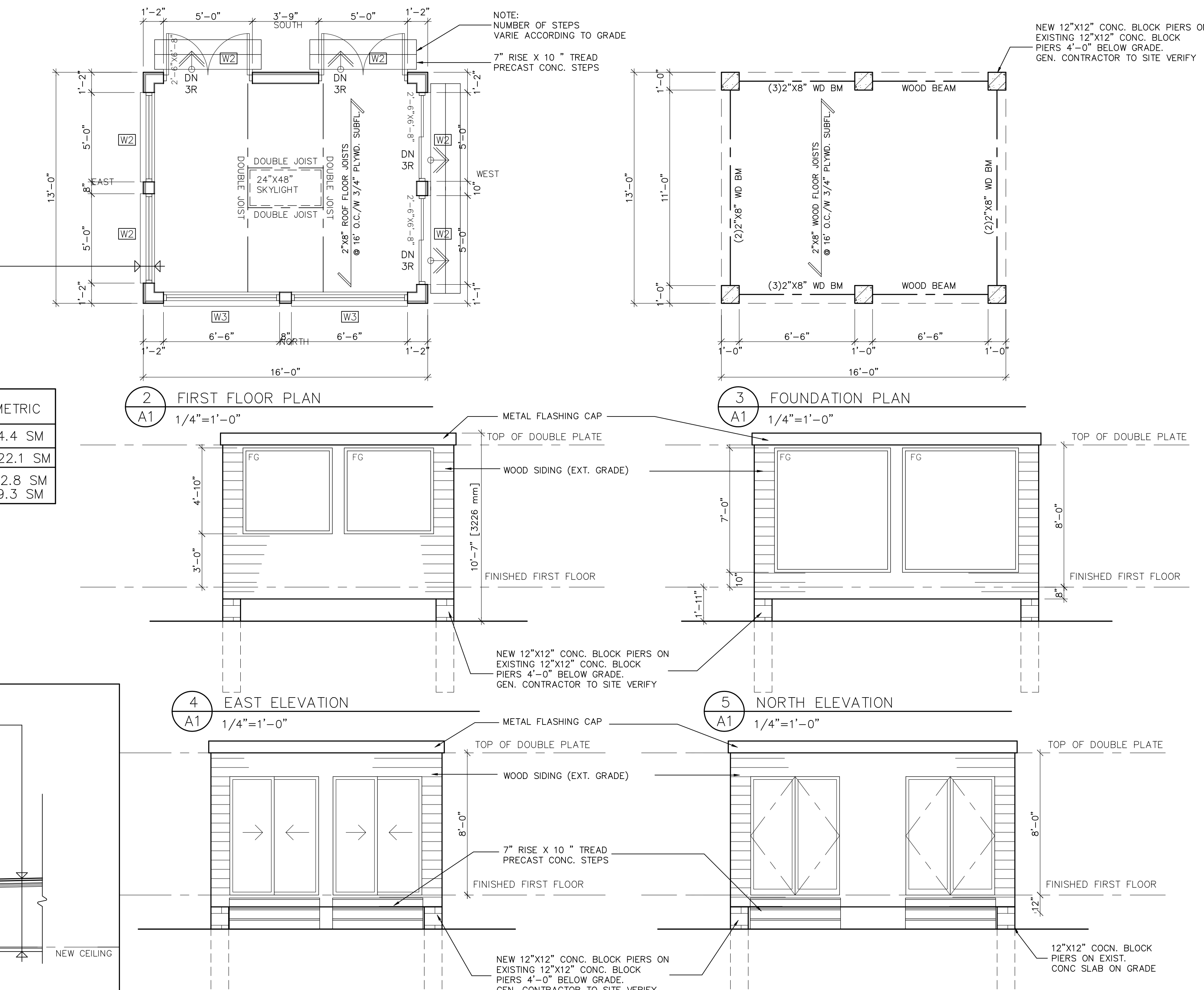
TYPICAL EXTERIOR WALL
WOOD SIDING (EXT. GRADE) ON 1"x2" WOOD STAPPING BUILDING PAPER ON 3/8" ASPENITE SHEATHING 2"x4" WALL STUDS @ 16" O.C. 1/2" GYPSUM BOARD

SITE STATISTICS

	IMPERIAL	METRIC
SITE AREA	8,228 S.F.	764.4 SM
PROPOSED COVERAGE	29.1 %	2,391 S.F. / 222.1 SM
EXIST. HOUSE COVERAGE	2,183 S.F.	202.8 SM
PROPOSED CABANA	208 S.F.	19.3 SM



9 DETAIL
1"=1'-0"



- GENERAL NOTES**
- Foundation Walls:
 - To be poured concrete, unit masonry or precast wood (see drawings for type and thickness)
 - Damp-proofing shall be a heavy coat of bituminous material.
 - Foundation wall to extend minimum 7/8" above finished grade.
 - A drainage layer is required on the outside of a foundation wall where the interior insulation extends more than 2'-11/8" exterior grade. A drainage layer shall consist of:
 - Min. 3/4" mineral fibre insulation with min. Density of 3.6 lb/ft³
 - Min. 4" of free drainage granular material, slope to drain to the exterior.
 - An approved system which provides equivalent performance
 - Foundation walls shall be braced or have the floor joists installed before backfilling
 - Concrete Floor Slabs:
 - Garage, carport and exterior stairs and exterior steps shall be 4000psi concrete with 5-#5 rebar reinforcement.
 - Other slabs: 3000psi concrete
 - Minimum 2" thick, placed on a minimum* of coarse, clean, granular material
 - All fill other than coarse clean material placed beneath concrete slabs shall be compacted to provide uniform support
 - Masonry Walls:
 - When constructed of 3 1/2" brick, wall shall be bonded with header course every 6th course
 - Provide 2" solid masonry or continuous 1/2" plate under all roof and floor framing members
 - Provide 1/2" solid masonry under beams and columns
 - Masonry wall to be tied to each tier of joists with 1/8" dia. x 3/16" corrosion resistant steel straps, spaced 3' O.C. @ 6"-7" o.c.
 - Inside back of wall to be parge and covered with No. 15 brother-type asphalt paper
 - For reduced foundation walls to allow a brick cavity while maintaining lateral support, be minimum 1 1/2" brick to minimum 1 1/2" back-up block with corrosion resistant ties at least 1/2" in cross sectional area, spaced 7 1/8" vertically and 2'-11" horizontally, with joints completely filled with mortar
 - Masonry over openings shall be supported on a corrosion resistant or prime painted steel lintels with a minimum of 7/8" embedment
 - Masonry Veneer:
 - Minimum 3/4" thick if joints are not raked and 1/2" thick if joints are raked
 - Minimum 1/2" mortar on all sides
 - Provide weep holes @ 31 1/2" o.c. bottom of the cavity and over doors and windows
 - Veneer less than 1/2" thick x 7/8" wide corrosion resistant straps spaced @ 23 5/8" vertically and 2'-11" horizontally
 - Diameter screws or spiral nails which penetrate at least 1-3/16" into studs
 - Wood Frame Construction:
 - All lumber shall be spruce-pine-fir No. 1 & 2, and shall be identified by a grade stamp
 - Maximum moisture content: 19% at time of installation
 - Wood framing members which are supported on concrete in direct contact with soil shall be separated from the concrete with 6 mil polyethylene
 - Walls:
 - Exterior walls shall consist of:
 - cladding
 - sheathing paper lapped 4" at joints
 - 3/8" sheetrock or gypsum board or 1/4" plywood sheathing
 - 2x6 studs @ 16" o.c.
 - 2x4 studs @ 16" o.c. can be utilized providing the combined R value of the insulation and exterior rigid insulation achieves: R-11
 - Interior loadbearing walls shall consist of:
 - 2x4 studs @ 16" o.c.
 - 2x4 bottom plate and double 2x4 top plate
 - 2x4 mid-plates if not sheathed
 - 1/2" gypsum board sheathing
 - Floors:
 - See S04 for floor joist size and spacing requirements
 - Joists to have minimum 1 1/2" end bearing
 - Joists shall bear on a sill plate fixed to foundation with 1/2" anchor bolts @ 7' 10" o.c.
 - Header joists between @ 11'10" to 6' in length shall be doubled. Header joists exceeding 10' 0" in length shall be supported by a post
 - Trimmer joists shall be doubled when supported header is between 2' 7" and 6' 7"
 - Trimmer joists shall be sized by calculations when supported header exceeds 6' 7"
 - 2x2 cross bracing required not more than 6' 11" from each support and from other rows of bracing
 - Joists shall be supported on post headers at all fun beams, trimmers, and headers.
 - Joists located under parallel non-loadbearing partitions shall be doubled
 - See S04 for roof sheathing requirements
 - Roof & Ceilings:
 - See S04 for rafter, roof joist and ceiling joist size and spacing requirements
 - Hip and valley rafters shall be 2" deeper than common rafters
 - Joists under rafter spacing with 1/4 continuous brace at mid span if collar tie exceeds 7' 10" in length
 - See S04 for roof sheathing requirements
 - Notching & Drilling of Trusses, Joists, Rafter:
 - Notches in floor, roof and ceiling members to be maximum 1/4 x total depth of member and not less than 2" from edges
 - Notches in floor, roof and ceiling members to be located on top of the member within 1/2" the actual depth from the edge of bearing and not greater than 1/3 joint depth
 - Wall studs may be notched or drilled providing that no passage of water vapour from the interior and the load bearing, and 1 1/8" non-load bearing
 - Roof truss members shall not be notched, drilled or weakened unless accommodated in the design
 - Roofing:
 - Fasteners for roofing shall be corrosion resistant. Roofing nails shall penetrate through or at least 1/2" into roof sheathing
 - Every gable end shall be fastened with at least 4 nails
 - Eave protection shall extend 2" into the roof slope from the edge, and at least 1/3" from the inside face of the exterior wall, and shall consist of 1/2" Type X or Type S Roll Roofing with minimum 1/4" head and end laps completed together, or glass fibre or Polyester Fibre coated base sheets, or self-sealing composite membranes consisting of modified bituminous coated material. Eave protection is not required for unheated buildings, for roofs exceeding a slope of 1:1.54 where a low slope asphalt shingle application is provided
 - Open valleys shall be flashed with 2 layers of roll roofing, or 1 layer of sheet metal min. 23 gauge
 - Flashing shall be provided at the intersection of shingle roofs with exterior walls and chimneys
 - Sheet metal flashing shall consist of not less than 1/16" steel, 0.013" galvanized steel, 0.018" copper, 0.018" zinc, or 0.019" aluminium
 - Stairs, Beams & Lintels:
 - Columns and beams shall be shop primed
 - Minimum 3/4" end bearing for wood and steel beams, with 7/8" solid masonry beneath the beam
 - Steel columns to have minimum outside diameter of 2 7/8" and minimum wall thickness of 3/16"
 - Wood columns for carports and garages shall be minimum 3 1/2" x 3 1/2" in other cases either 3 1/2" x 3 1/2" or 1 1/4" round, unless calculations based on actual loads show lesser sizes are adequate. All columns shall be not less than the width of the supported member
 - Masonry columns shall be a minimum of 3/8" x 1 1/4" for 8' 0" or 1 1/2" x 1 1/2" for 12' 0"
 - Provide solid blocking the full width of the supported member under all concentrated loads
 - Insulation & Waterproofing:
 - Ceiling with attic:
 - Exterior Wall:
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NEW 12"x12" CONC. BLOCK PIERS ON EXISTING 12"x12" CONC. BLOCK PIERS 4'-0" BELOW GRADE. GEN. CONTRACTOR TO SITE VERIFY

LEGEND

- NEW DRYWALL PARTITION
- NEW DOOR
- Denotes EXHAUST FAN
- SMOKE ALARM
- CARBON MONOXIDE DETECTOR

ALUM	ALUMINUM	HW	HARD WOOD
CONC	CONCRETE	INT	INTERIOR
CMP	CONCRETE BLOCK	REIN	REINFORCING
CER	CERAMIC TILE	ST	STEEL
CLD	CLAY TILE	STR	STEEL CORE WOOD
DM	DIMENSION	3IN	3" STAIN
DOB	DOUBLE GLAZED	WB	WYLL. BASE
EX	EXISTING	WTC	WYLL. COMPOSITE TILE
GL	GLASS	WP	WATERPROOF
GB	GYPSUM BOARD	WV	WYLL. BOARD
HWO	HOLLOW CORE WOOD	WD	WOOD
HM	HOLLOW METAL		

NOTE
HANDRAILS REFER TO ONTARIO BUILDING CODE 9.8.7.5.
GUARDS REFER TO ONTARIO BUILDING CODE 9.8.8.1.
CEMENT SHALL MEET THE REQUIREMENTS OF CAN-AS
CONC. COMPRESSIVE STRENGTH AT 28 DAYS: 25 MPA UNLESS NOTED OTHERWISE
STEEL AND WOOD BEAMS TO HAVE A MINIMUM BEARING OF 4 INCHES
REIN. STEEL SIZE IN METRIC UNLESS NOTED OTHERWISE
CONFORM TO REQUIREMENTS OF THE ONTARIO BUILDING CODE AND THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
OWNER, BUILDER/CONTRACTOR SHALL FOLLOW ALL PLANS, SECTIONS & DETAILS AS PER INDICATED
DESIGNER SHALL TAKE NO RESPONSIBILITY FOR THE CONSTRUCTION OF THE PROJECT.
ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE ONTARIO BUILDING CODE AND REGULATIONS FOR CONSTRUCTION PROJECTS. ALL DIMENSIONS AND INFORMATION SHALL BE CHECKED AND VERIFIED ON THE JOB AND ANY VARIANCES OR DISCREPANCIES MUST BE REPORTED TO THE DESIGNER BY PHONE IMMEDIATELY UPON DISCOVERY. THIS PROJECT MAY NOT BE REPRODUCED, ALTERED OR REISED WITHOUT THE DESIGNER'S WRITTEN AUTHORITY.

QUALIFICATION INFORMATION
Required unless design is exempt under 3.2.5(1) of Division "C" of the building code.
SAM PASQUALE, M.A.A.T.O. 19134
NAME SIGNATURE BCIN

REGISTRATION INFORMATION
Required unless design is exempt under 3.2.4(1) of Division "C" of the building code.
ARCHITECTURAL CADD STUDIO 26772
FIRM NAME BCIN

MEMBER OF
ASSOCIATION OF ARCHITECTURAL TECHNOLOGISTS OF ONTARIO

NO.	DATE	ISSUED	BY	CVD
1	JULY/18/14	REVISED AS PER CITY COMMENTS		

THIS DRAWING SHALL NOT BE COPIED, REPRODUCED OR DISTRIBUTED IN ANY MANNER WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE DESIGNER.
THE CONTRACTORS SHALL VERIFY ALL DIMENSIONS ON THE JOB AND REPORT ANY DISCREPANCY TO THE DESIGNER PRIOR TO PROCEEDING WITH THE WORK.
ALL DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF THE DESIGNER AND SHALL BE RETURNED UPON COMPLETION OF THE CONSTRUCTION WORK.

Architectural CADD Studio
Residential Retail Industrial Commercial
Construction Drawings • Design Drawings • Measured Drawings
Details • Interior Design • Site Planning
27 Gillespie Avenue Toronto, Ontario M6N 2Y5 Tel: (416) 656-1454

PROPOSED CABANA FOR: TONG RESIDENCE
3 RITTER CRESCENT MARKHAM ONTARIO

SHEET TITLE
SITE PLAN, FLOOR PLANS ELEVATIONS AND DETAILS

DATE	DATE PRINTED	PROJECT FILE
OCT. 25 2021		

DRAWN S.J.P. CHECKED

SCALE 1/4"= 1'-0"

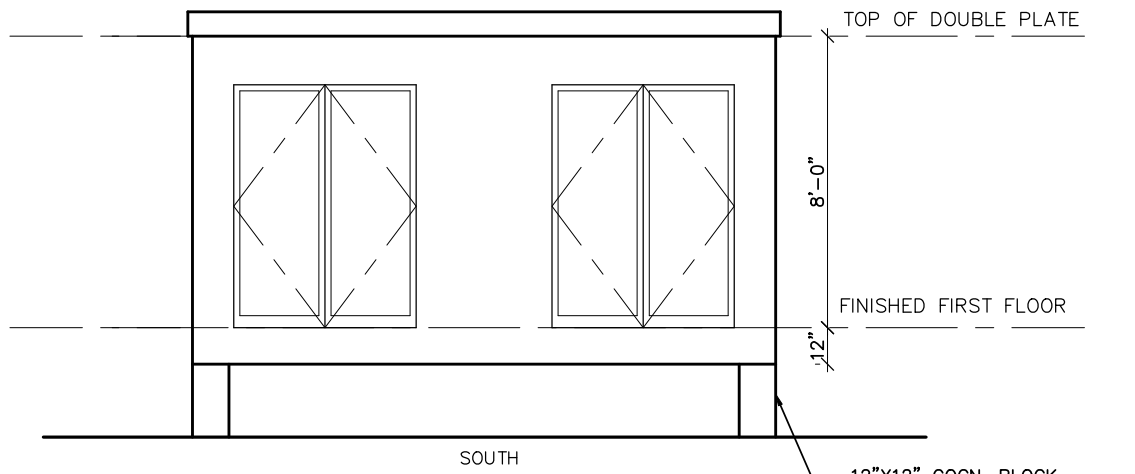
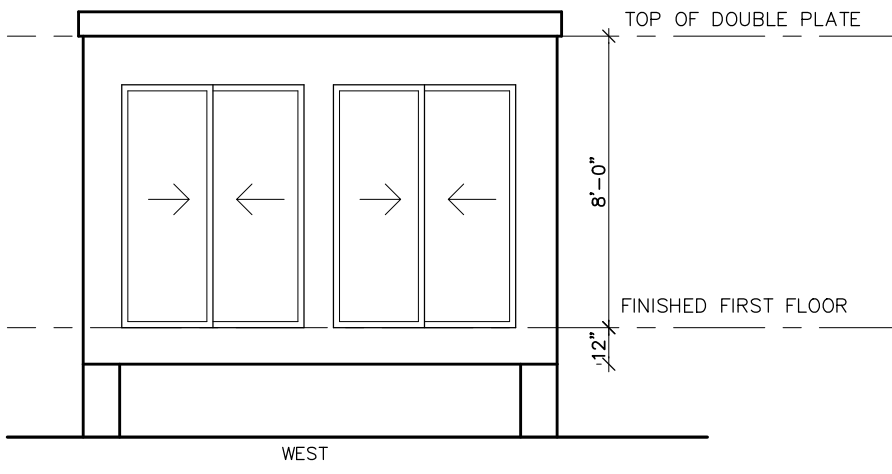
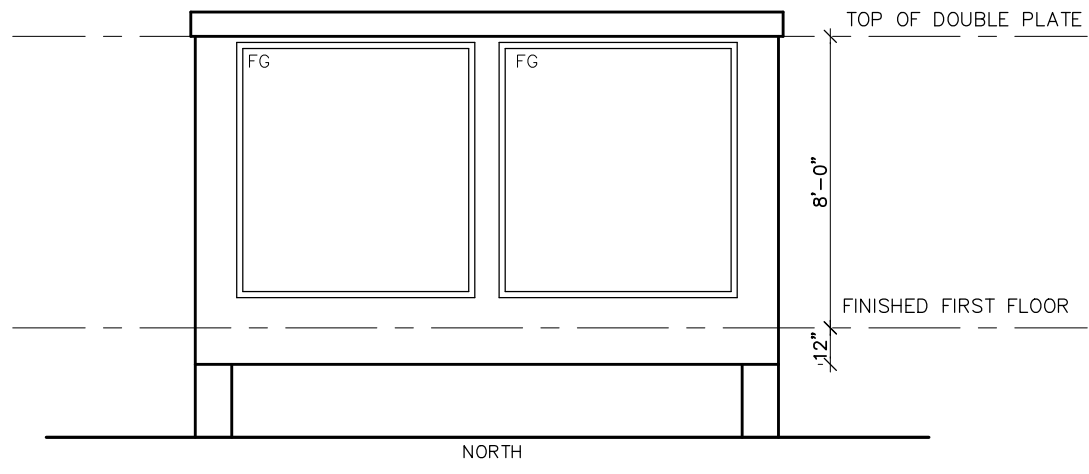
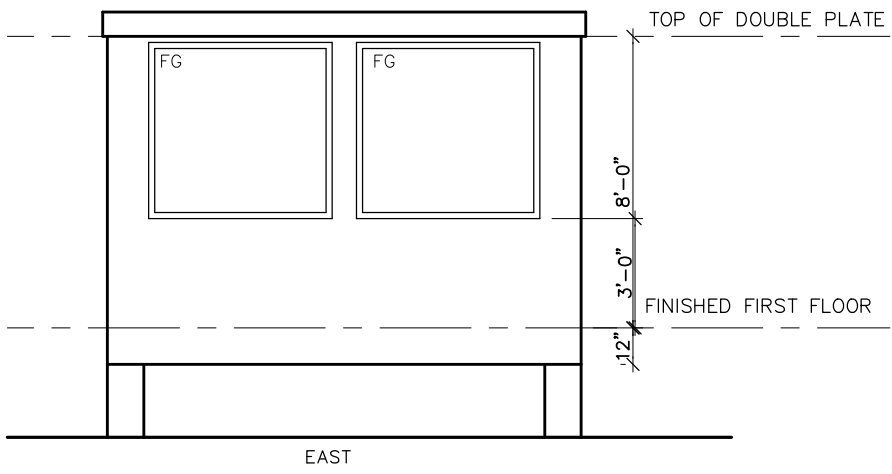
SHEET NO. **A1 of 1**

1 SITE PLAN
1/8"=1'-0"

SURVEYOR'S REAL PROPERTY REPORT
SURVEY OF
LOT 88
REGISTERED PLAN M-1971
TOWN OF MARKHAM

N72°14'20"E
18.30 m

RITTER CRESCENT



12"x12" CONC. BLOCK
PIERS ON EXIST.
CONC SLAB ON GRADE