


REVISIONS LIST		
REVISIONS ARE NOTED THROUGHOUT DRAWING SETS AS: 		
No.	DATE:	PAGES REVISED:
	DESCRIPTION: DETAILED	
1	2018.01.01	A0.00, A0.00

THERMAL & EFFICIENCY REQUIREMENTS*

SB12 - A1 PACKAGE	
IN ACCORDANCE WITH SB-2, TABLE 3112A OF THE 2003 OGC	
COMPONENT	THERMAL VALUE(S)
CEILING WITH ATTIC SPACE (MM, R-VALUE)	R60
CEILING WITHOUT ATTIC SPACE (MM, R-VALUE)	R31
EXPOSED FLOOR (MM, R-VALUE)	R31
WALLS ABOVE GRADE (MM, R-VALUE)	R22
BASEMENT WALLS (MM, R-VALUE)	R20 ci
BELLOW GRADE SLAB - ENTIRE SURFACE GREATER THAN 24" BELOW GRADE (MM, R-VALUE)	-
HEATED SLAB or SLAB LESS THAN OR EQUAL TO 24" BELOW GRADE (MM, R-VALUE)	R10
EDGE OF BELLOW GRADE SLAB LESS THAN OR EQUAL TO 24" BELOW GRADE (MM, R-VALUE)	R10
WINDOWS AND SLIDING GLASS DOORS (MAX. U-VALUE)	U 0.28
SKYLIGHTS (MAX. U-VALUE)	U 0.49
SPACE HEATING EQUIPMENT (MM, AFUE)	AFUE 96%
HEAT (MM, SEF)	SEF 75%
DOMESTIC HOT WATER HEATER (MM, EF)	EF 0.8

NUMERICAL ONLY, REFER TO SB-2 FOR TYP. DISCREPANCIES AND REQUIREMENTS.

ELEVATION NOTES:

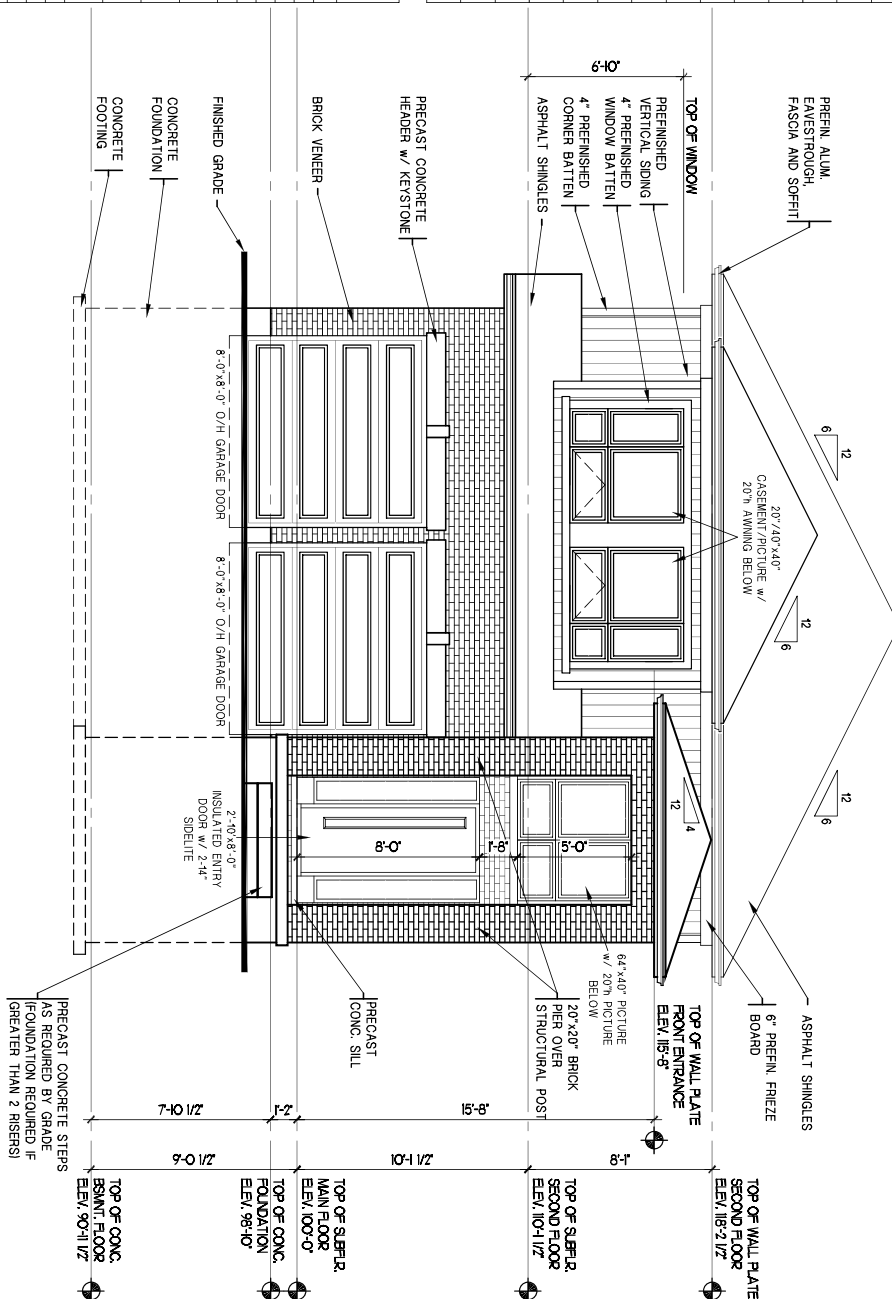
NOTE: WINDOW SIZES SHOWN ARE APPROXIMATE. EXACT ROOM OPENINGS TO BE DETERMINED BY WINDOW MANUFACTURERS SPECIFICATIONS.

NOTE: PROVIDE GRAVEL (CONCRETING DIVISION B, PART 9.8.8 OF THE 2012 ONTARIO BUILDING CODE AND S6-7 TYPE GRAVEL) FOR HOUSING AND SMALL BUILDINGS AT PORCH FLOW OPENING FROM PORCH TO GRADE IS 2'-0" OR GREATER.

NOTE: WHERE PLANT/TERACE DRAIN THRESHOLD IS GREATER THAN 2'-0" ABOVE FINISHED GRADE, PROVIDE S6-7 GUARD OR PROVIDE BLOCKING TO PREVENT DOOR FLOW OPENING MORE THAN 4".

NOTE: FOR WALK-OUT & PART WALK-OUT LOTS
STEP CONC. FOUNDATION AS REQD FOR
PROPOSED GRADES ENSURING A MAX. OF 4'-0"
OF LATEROALLY UNSUPPORTED WALL

NOTE: WHERE PATIO/TERRACE DOOR
THRESHOLD IS GREATER THAN 2'-0" ABOVE
FINISHED GRADE, PROVIDE SB-7 GLAZED OR
PROVIDE BLOCKING TO PREVENT DOOR
FROM OPENING MORE THAN 4'.



IN ACCORDANCE WITH SS-1:212A OF THE 2006 OHIO BUILDING CODE		
ELEVATION	TOTAL AREA OF EXPOSED BUILDING FACE	PROPOSED TOTAL WINDOW/DOOR OPENING (EXCLUDING FRONT ENTRY)
FRONT	5112 SQ.FT.	7617 SQ.FT.
RIGHT	10912 SQ.FT.	833 SQ.FT.
REAR	5578 SQ.FT.	14633 SQ.FT.
LEFT	10900 SQ.FT.	3840 SQ.FT.
TOTAL:	33903 SQ.FT.	3446 SQ.FT.
TOTAL % OF WINDOW/DOOR OPENINGS:		9.5%

PROJECT	
TITLE	
SHEET No.	1 OF 16

PROJECT	
TITLE	

FRONT ELEVATION

STATUS:	BUILDING PERMIT
PLOTTED:	1/4/2019 3:01 PM
SCALE:	3/16"=1'-0"
DWN BY:	CRW
DATE:	JANUARY 2018



I, Corey Wehrle, review and take responsibility for the design work on behalf of our firm Orchard Design Studio Incorporated registered under Division C, Part 3 (3.2.4) of the Building Code. I am qualified, and the firm is registered, in the appropriate classes/categories.

Firm BCIN: 28615
Individual BCIN: 37253

Signed: C. Will



NOTES

- 1) STEPS IN FOUNDATION WALLS AND FOOTINGS ARE TO BE SITE VERIFIED.
- 2) STEP FOOTINGS NOT TO EXCEED 23 %
- 3) STEP FOOTINGS NOT INDICATED MAY BE REQUIRED IF ADVERSE SOIL CONDITIONS ARE PRESENT.
- 4) ALL FOOTINGS ARE 27" WIDE x 8" DEEP UNLESS OTHERWISE INDICATED.

TOP OF FIN. WALL
ELEV. SHOWN THIS: 99'-10"

TOP OF FTNG. ELEV.
SHOWN THIS: 99'-10"

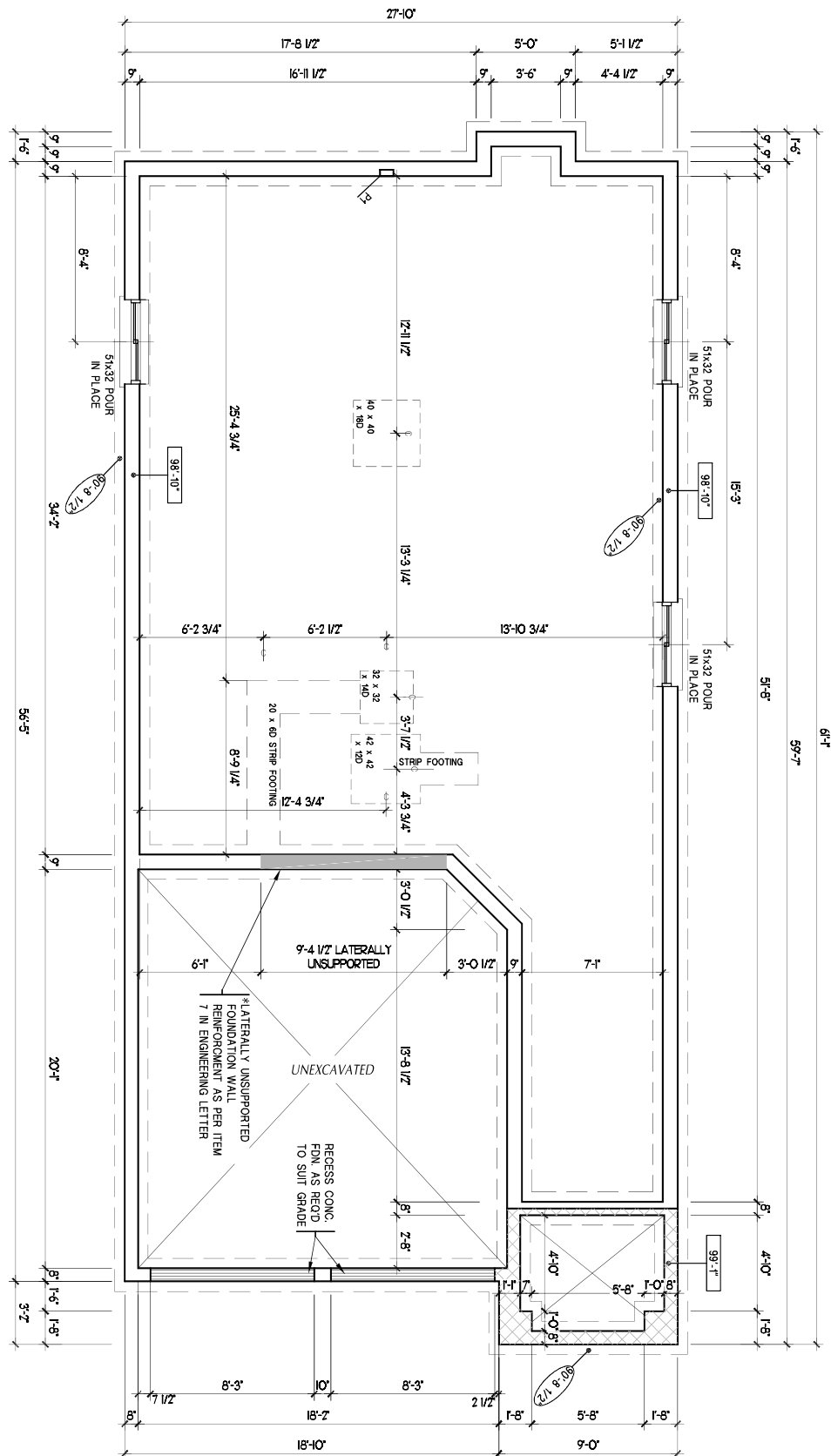
SW = APPROXIMATE LOCATION
OF STEP IN FIN. WALL

SF = APPROXIMATE LOCATION
OF STEP IN FTNG

LEGEND

10" LONG x 4" WIDE x 10-1/2" DEEP
BEAM POCKET
(FOR 10" STEEL)

ELEV. NOTE
TOP OF FINISHED MAIN FLOOR
ELEVATION IS REFERENCED TO
100'-0" (TERRAIN) FOR
FOUNDATION AND FOOTING
ELEVATIONS SHOWN.



PROJECT
SHEET No. **2** OF **16**
TITLE **FOUNDATION PLAN**

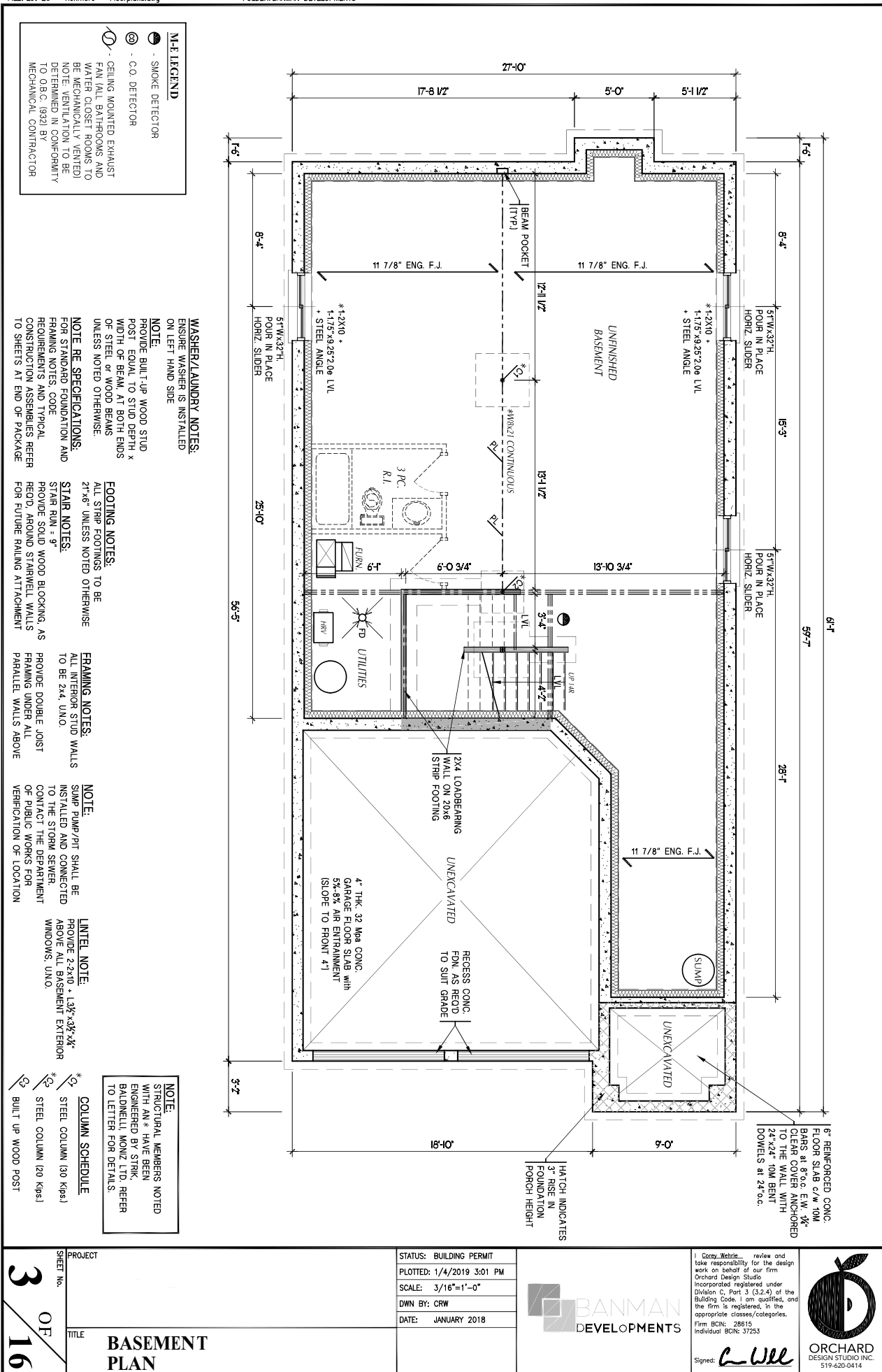
STATUS: BUILDING PERMIT
PLOTTED: 1/4/2019 3:01 PM
SCALE: 3/16"=1'-0"
DWN BY: CRW
DATE: JANUARY 2018

BANMAN DEVELOPMENTS

I, Corey Wehrle, review and take responsibility for the design work on behalf of our firm Orchard Design Studio. Incorporated, registered under Division C, Part 3 (3.2.4) of the Building Code. I am qualified, and the firm is registered, in the appropriate classes/categories. Firm BCIN: 28615 Individual BCIN: 37253

Signed: *C. Wehrle*





NOTE:
STRUCTURAL MEMBERS NOTED WITH AN * HAVE BEEN ENGINEERED BY STRIK BALDRELL, NONZ LTD. TO LETTER FOR DETAILS.

NOTE:
PROVIDE BUILT-UP WOOD STUD POST EQUAL TO STUD DEPTH x WIDTH OF BEAM, AT BOTH ENDS OF STEEL OR WOOD BEAMS UNLESS NOTED OTHERWISE.

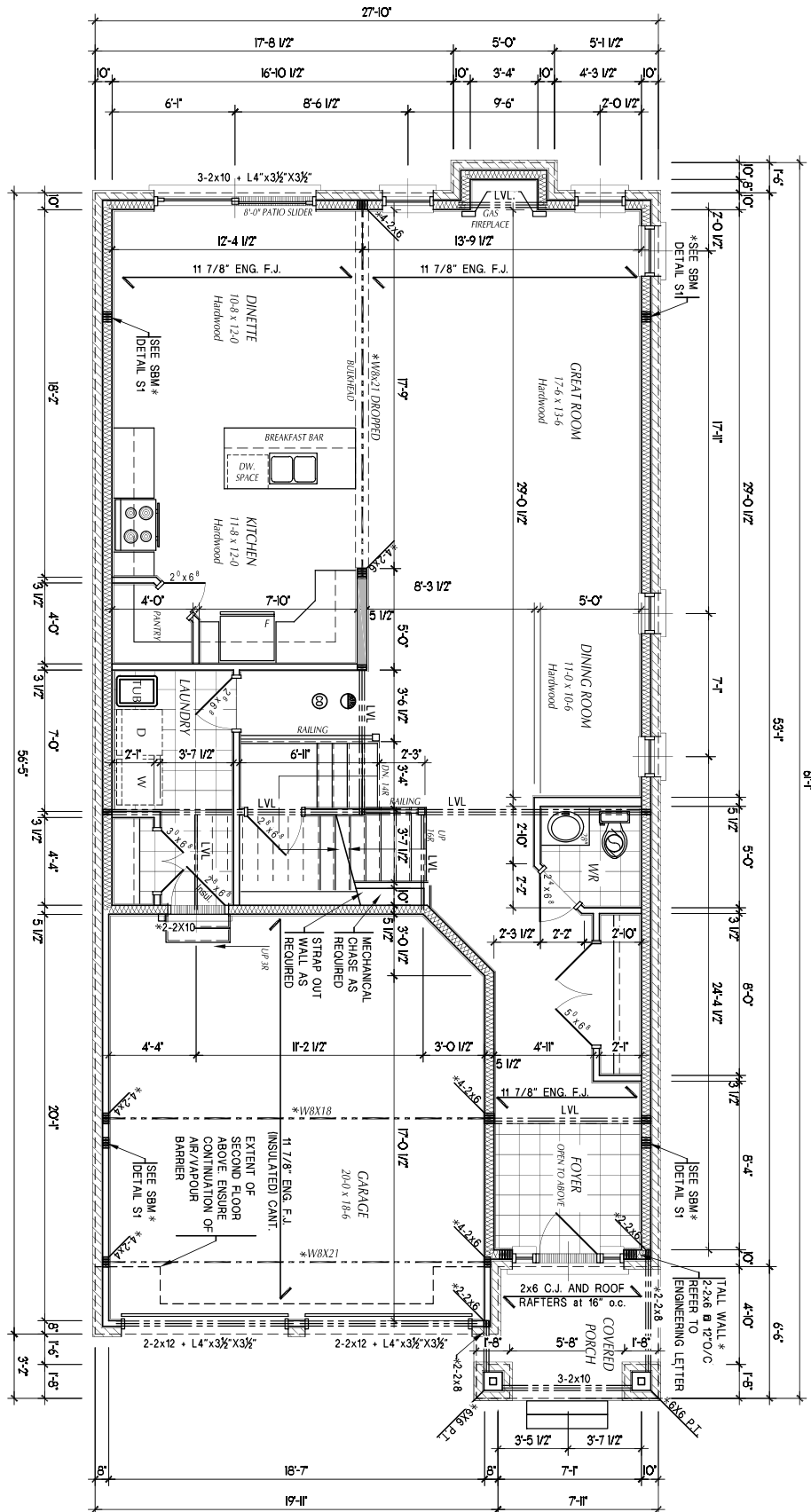
FRAMING NOTES:
ALL INTERIOR STUD WALLS TO BE 2x4, UNO.
PROVIDE DOUBLE JOIST FRAMING UNDER ALL PARALLEL WALLS ABOVE.

HANDRAIL NOTE:
PROVIDE CONTINUOUS HANDRAIL THROUGHOUT THE LENGTH OF STAIR AS PER 98.1.2 OF THE O.B.C. 2012.

INTERIOR GARAGE DOOR NOTE:
ENSURE GARAGE DOOR TO DWELLING UNIT IS GAS PROPPED AND HAS A SELF CLOSURE.

MAIN FLOOR AREA - 1154 sq.ft.
GARAGE FLOOR AREA - 397 sq.ft.
PORCH AREA - 55 sq.ft.
TOT. BLDG. COVERAGE - 1606 sq.ft.

ME-LEGEND
- SMOKE DETECTOR
- C.O. DETECTOR
- CEILING MOUNTED EXHAUST FAN (ALL BATHROOMS AND WATER CLOSET ROOMS TO BE MECHANICALLY VENTED)
NOTE: VENTILATION TO BE DETERMINED IN CONFORMANCE TO O.B.C. (932) BY MECHANICAL CONTRACTOR



4 OF 16

PROJECT
SHEET No.
TITLE

MAIN FLOOR PLAN

STATUS: BUILDING PERMIT
PLOTTED: 1/4/2019 3:01 PM
SCALE: 3/16"=1'-0"
DOWN BY: CRW
DATE: JANUARY 2018

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