CONSTRUCTION NOTES *PROJECT SPECIFIC NOTE

(1) STRIP FOOTINGS: 9.15.3 -FOOTINGS TO REST ON UNDISTURBED SOIL, ROCK OR

COMPACTED GRANULAR MATERIAL W/ BEARING CAPACITY OF 10.9 psi -ALL FOOTINGS TO EXTEND A MIN. 4'-0" (1.22m) BELOW GRADE -FOOTINGS TO HAVE CONTINUOUS **KEY TO RESIST LATERAL SHIFTING** -MIN. 25mpa AFTER 28 DAYS FOOTING DIMENSIONS:

20" X 8" w/ 2-15M CONT. BARS (3" COVER) 24" SPLICE LENGTH

- 2 STEPPED FOOTINGS: 9.15.3.9 -23 5/8 " (600mm) MAX. VERTICAL RISE BETWEEN HORIZONTAL PORTIONS FOR FIRM SOILS -15 3/4" (400mm) MAX. VERTICAL RISE BETWEEN HORIZONTAL PORTIONS FOR SAND OR GRAVEL AND -23 5/8" (600mm) MIN. HORIZONTAL DISTANCE BETWEEN RISERS
- (3) DRAINAGE TILE / PIPE 9.14.3 -DRAIN TILE OR PIPE FOR DRAINAGE SHALL BE MIN. 4" (100m) DIA. -COVERED W/ MIN. 5 7/8" (150mm) CRUSHED STONE OR COARSE CLEAN GRANULAR MATERIAL (9.14.3.3.(4)) -TILE / PIPE SHALL DRAIN TO SEWER, DRAIN DITCH OR DRYWELL -INSTALLATION AS PER O.B.C. 9.14.3.3
- 4 PILASTERS: 9.15.5.3 -CONC. PILASTER NIB 4"X12" OR -CONC. BLOCK PILASTER 4"X12" - TIED OR BONDED TO FDTN WALL AS PER O.B.C. (9.20.11.2) -TOP 7 7/8" OF PILASTER TO BE SOLID MASONRY -BEAM POCKET MAY SUBSTITUTE **PILASTER W/ THE FOLLOWING** PROVISIONS:
- -4" POCKET INTO FDTN. WALL -WIDTH OF POCKET TO MATCH BFAM -1/2" AIRSPACE PROVIDED @ END & SIDES (9.23.2.2) FOR WOOD MEMBERS
- 5 STEEL COLUMNS: 9.17.3 - HSS 3 1/2" X 3 1/2" X 1/4" ASTM A500 GRADE C 5" X 5" X 1/4" TOP PLATE w/ 3/16" X 2" WIDE WELDED BENT CLIPS TO STEEL BEAM ABOVE BASE PLATE -6" X 10" X 1/2" BOT. PLATE w/ 2 - 5/8" DIA. 3 1/2" EMBEDMENT "TITAN HD" CONCRETE SCREW ANCHORS
- 6 WOOD COLUMNS: 9.17.4 -WIDTH OF COLUMN SHALL NOT BE ESS THAN WIDTH OF BEAM SUPPORT -MIN. 7 1/4" FOR ROUND COLUMN -MIN. 5 1/2" FOR SQUARE COLUMN -COLUMNS MUST REST ON METAL SADDLE ANCHORED INTO PAD

FOOTING

PAD FOOTING SIZES: SEE BASEMENT PLAN FTG SCHEDULE

- 7 BASEMENT SLAB: 9.16 / 9.13 & 9.14 -3" CONCRETE SLAB W/ COMPRESSIVE STRENGTH OF (25mpa) AFTER 28 DAYS -POLYETHYLENE DAMPPROOFING MEMBRANE NOT LESS THAN 0.006" THICK OR TYPE-S ROLL ROOFING PAPER
- -JOINTS IN DAMPPROOFING MEMBRANE SHALL BE LAPPED 4" MIN. -BOND BREAKING MATERIAL **BETWEEN SLAB & FOOTING** -MIN, 4" OF COARSE CLEAN GRANULAR MATERIAL UNDER SLAP -SLABS REQUIRED TO BE WATER

PROOFED SHALL CONFORM TO O.B.C. 9.13.3 - SOIL GAS BARRIERS AS PER

SUPPLEMENTARY STANDARDS SB-9 SECTION 2 "SOIL & GAS IN FLOORS" SLAB SURFACE TO BE SLOPED TOWARD FLOOR DRAIN SO NO WATER CAN ACCUMULATE ON SURFACE -FDTN WALLS EXTENDING 4'-0"

BELOW GRADE & SLABS ON GRADE ENCLOSING HEATED SPACES SHAL HAVE MIN. R10 RIGID INSULTATION AT PERIMETER EXTENDING 3'-0" VERTICALLY / HORIZONTALLY. - SLAB (ALL <600MM BELOW GRADE 10R RIGID INSULATION @ PERIMETER -SLAB (ALL <600MM BELOW GRADE

OR HEATED) 10R RIGID INSULATION UNDER ENTIRE SLAB (8) GARAGE SLAB:

-4" MIN. THICK CONCRETE SLAB -32mpa CONC. AFTER 28 DAYS FOR UNREIENFORCED CONC. SLAB W/ 5-8% AIR ENTRAINMENT -GARAGE SLAB TO BE SLOPED TO EXTERIOR -4" COARSE CLEAN GRANULAR FILL UNDER SLAB

(9) FOUNDATION WALL REDUCTION 9.15.4.7 -WHERE FDTN. WALLS ARE REDUCED FOR THE INSTALLATION OF FLOOR JOISTS THE REDUCED SECTION SHALL BE NO MORE THAN 13 7/8" HIGH AND NOT LESS THAN 3 1/2" THICK -WHERE FDTN. WALLS ARE REDUCED

FOR THE INSTALLATION OF BRICK / STONE EXTERIOR MASONRY VENEER THE REDUCED SECTION SHALL BE: -REDUCED MAX, HEIGHT 2'-0" FOR UNREINFORCED WALL -NOT LESS THAN 3 1/2" THICK

-TIED TO FACING MATERIAL W/ METAL TIES SPACED 7 7/8" O.C. VERTICALLY & 2'-11" O.C. HORIZ. AND -SPACE BETWEEN EDTN WALL AND FACING SHALL BE FILLED SOLID W/ MORTAR -TIES TO CONFORM TO

9.20.9.4(3)

*CONSTRUCTION NOTES ARE THE PROPERTY OF VULCAN DESIGN INC. AND MAY NOT BE DUPLICATED OR COPIED WITH OUT THE WRITTEN CONSENT OF VULCAN DESIGN INC. ANY SUBSTITUTE MATERIALS TO NOTES STATED SHALL CONFORM TO O.B.C. REGULATIONS AND MANUFACTURES SPECIFICATIONS SHALL BE SUPPLIED BY BUILDER **ONLY HEX NOTES IDENTIFIED ON PLANS / ELEVATIONS SHALL APPLY *NOTES / CONSTRUCTION TO CONFORM TO 2012 ONTARIO BUILDING CODE

9 FOUNDATION WALL: 9.15.4 POURED CONCRETE WALL)

REFER TO PAGE D1 FOR SPECIFIC FDTN DETAILS -8" or 10" (AS PER PLAN) CONC. FDTN. WALL 25 MPa CONC. CLASS R-2

r/w 15M VERTICAL @ 16" O.C. & 10M HORIZONTAL @ 20" O.C. U.N.O. -WALL TO EXTEND A MIN. 6" ABOVE GRADE

INSULATE R20ci FROM UNDER SIDE OF JOISTS TO A MAX. OF 8" ABOVE SLAB FLOOR FOUNDATION WALLS CONSIDERED LATERALLY SUPPORTED BY FLOOR JOISTS

ANCHORED TO WOOD SILL PLATE DAMPPROOFING DAMPPROOFING SHALL BE APPLIED OVER CONCRETE BELOW GRADE LEVEL PREPARATION OF WALL SURFACE AS PER O..B.C. 9.13.2.4

INTERIOR WALL OF FOUNDATION MUST BE DAMPPROOFED FROM BASEMENT SLAB TO GROUND LEVEL WHEN: -FINISHED BASEMENT INSTALLED -WOOD MEMBERS ARE ATTACHED TO FDTN

WALL FOR SUPPORT OR INSTALLATION OF FINISHED PRODUCT INTERIOR MEMBRANE OR COATING AS PER O.B.C. 9.13.2.6 DAMPPROOFING IS NOT REQUIRED WHEN

WALL IS WATERPROOFED WATERPROOFING:

PREPARATION OF SURFACE AS PER O.B.C. 9.13.3.4 -APPLICATION OF MEMBRANE AS PER O.B.C. 9.13.3.5

DRAINAGE LAYER: WHERE INSULATION OF FDTN. WALL EXTENDS 3'-0" BELOW GRADE LEVEL, A DRAINAGE LAYER SHALL BE INSTALLED AS PER O.B.C. 9.14.2.1.(2)(3)(4) DRAINAGE LAYER NOT REQUIRED WHEN FDTN. WALL IS NOT REQUIRED TO BE DAMPPROOFED

10 FLOOR ASSEMBLY: 9.23 -FLOOR JOISTS AS PER PLAN -FLOOR JOISTS UNDER CERAMIC TILI -SPACING OF FLOOR JOISTS UNDER CERAMIC TILE SHALL BE INSTALLED AS PER TILE MANUF.

> SPECS -BRIDGING OR STRAPPING -STRAPPING = MIN. 1"X3" NAILED TO U/S OF JOISTS LOCATED NOT MORE THAN 6'-11" O.C.

-SHALL BE FASTENED@ EACH END TO SILL OR HEADER -BRIDGING = MIN. 1"X3" OR 2"X2" CROSS BRIDGING LOCATED BETWEEN FLOOR JOIST 6'-11" O.C. -NON-LOAD BEARING WALLS PARALLEI TO FLOOR JOISTS SHALL BE SUPPORTED BY JOISTS OR BLOCKING NOT LESS THAN 2"X4" SPACED MAX. 3'-11" 0.0 - 5/8" OS (0-1 GRADE) OR WAKEBOARD

R-1 GRADE) AS PER O.B.C. T.9.23.14.5.A CERAMIC TILE / RESILIENT FLOORING

REQUIREMENTS: -CERAMIC TILE SET IN MORTAR BEDS OR APPLIED TO MORTAR BED W/ ADHESIVE SHALL CONFORM TO O.B.C 9.30.6.1 -1/4" PANEL TYPE

UNDERLAYMENT SHALL BE INSTALLED UNDER RESILIENT FLOORING & CERAMIC TILE APPLIED W/ ADHESIVE -PANEL TYPE UNDERLAYMENT TO CONFORM TO O.B.C. 9.30.2.2 &

9.30.2.3

(11-1) BRICK VENEER WALL: (2"X6" STUD (13) STAIRS:

> - 3 1/2" FACE BRICK OR STONE VENEER - MAX. HEIGHT 36'-1" (11m) - MIN. 5 7/8" ABOVE GRADE MASONRY TIES: 9.20.9.5 - CORROSION RESISTANT - 0.03" (0.76mm) THICK

- 7/8" WIDE - SPACED A MAX. 15 3/4" VERTICALLY & 31 1/2' HORIZONTAL - WEEP HOLES 2'-7" O.C. @ BOTTOM

AND OVER OPENINGS SILLS UNDER OPENINGS TO SLOPE TO OUTSIDE - ROLL ROOFING (TYPE 'S') BASE FLASHING @ BOTTOM WALL TO

EXTEND 3/16" BEYOND OUTER FACE OF VENEER & EXTEND MIN.. 5 7/8" UP THE WOOD FRAME - ALTERNATE FLASHING TO CONFORM TO O.B.C-T 9.20.13.1 1" AIRSPACE BETWEEN BRICK/STONE VENEER & WOOD BACK UP WALL

- SHEATHING MEMBRANE AND INSTALLATION SHALL CONFORM TO O.B.C. 9.27.3 - 1/2" PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C.-T 9.23.16.2.A

-R22 (RSI 3.87) BATT INSULATION - AIR/VAPOUR BARRIER SYSTEM IN CONFORMANCE W/ O.B.C. 9.25.3. & 9254 - 1/2" GYPSUM BOARD TAPED, SANDED

& PAINTED O.B.C. 9.29.5 11-2) <u>VINYL SIDING WALL:</u> (2"X6" STUD WALL)

VINYL SIDING CONFORMING TO CGSB-41-GP-24Ma MIN. 7 7/8" ABOVE GRADE - SIDING ATTACHED TO WOOD BACK UP WITH 1 1/2" NAILS @ 24" O.C. - 0.019" (0.48mm) THICK ALUMINUM

FLASHING OR 0.040" (1.02mm) THINK VINYL FLASHING - FLASHING TO EXTEND 2" VERTICALLY (18) MECHANICAL VENTILATION: BEHIND SHEATHING & FORM DRIP ON OUTSIDE EDGE

- CAULKING AT INTERSECTIONS OF BRICK, STUCCO & ALL WINDOW & DOOR OPENINGS CAULKING MATERIAL AS PER O.B.C. 9.27.4.2

- SHEATHING MEMBRANE AND INSTALLATION SHALL CONFORM TO O.B.C. 9.27.3 1/2" PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C.-T 9.23.16.2.A

- 2"X6" WOOD STUDS @ 16" O.C. -R19 BATT INSULATION + 5ci RIDGID INSUL - AIR/VAPOUR BARRIER SYSTEM IN CONFORMANCE W/ O.B.C. 9.25.3. &

9.25.4 1/2" GYPSUM BOARD TAPED, SANDED (21) GARAGE DOOR: & PAINTED O.B.C. 9.29.5

STUCCO WALL: (2"X6" STUD WALL) (11-3)

> - STUCCO FINISH - STUCCO APPLIED AS PER MANUF. SPECIFICATIONS - MIN. 7 7/8" ABOVE GRADE - 0.013" (0.33mm) THICK GALVANIZED STEEL FLASHING OVER OPENINGS & AT STUCCO BASE, CAULK TIGHT AROUND ALL OPENINGS

- CAULKING MATERIAL AS PER O.B.C. 9.27.4.2 - SHEATHING MEMBRANE AND INSTALLATION SHALL CONFORM TO O.B.C. 9.27.3

- 1/2" PLYWOOD (EXTERIOR TYPE) OR EQUIVALENT AS PER O.B.C.-T 9.23.16.2.A - 2"X6" WOOD STUDS @ 16" O.C. -R19 BATT INSULATION + 5ci RIDGID INSUL - AIR/VAPOUR BARRIER SYSTEM IN

CONFORMANCE W/ O.B.C. 9.25.3. & 9 25 4 - 1/2" GYPSUM BOARD TAPED, SANDED & PAINTED O.B.C. 9.29.5

- MAX. RISE = 7 7/8" (200mm) - MIN. RUN = 8 1/4" (210mm) - MIN TRFAD = 9 1/4" (235mm - MAX. NOSING TO EXTEND 1" (25mm) BEYOND RISER - MIN. WIDTH BETWEEN WALL SPACES 2'-11" (860mm) - MAINTAIN MIN. HEADROOM CLARENCE OF 6'-5" (1950mm)

- CURVED STAIRS - MAX TREAD = 7 7/8" (200mm) - MIN. TREAD = 5 7/8" (150mm) - MAX RISE = 7 7/8" (200mm)

ATTIC ACCESS: 9.19.2.1 - 21 5/8" X 2'11" OPENING - HATCH TO BE FITTED W/ DOOR OR SEALS & WEATHER STRIPPED - CEILING INSULATION TO BE ATTACHED TO BACK OF DOOR OR SEAL TO PREVENT MOVEMENT DURING OPERATION -MIN. R20 (RSI 3.52)

(16) SMOKE ALARM: 9.10.19 - SMOKE ALARM ON EVERY FLOOR INCLUDING BASEMENT & EVERY BEDROOM WITHIN DWELLING - INSTALLED W/ PERMANENT POWER SUPPLY 9.10.19.4 & 5 17) CARBON MONOXIDE

DETECTOR: 9.33.4.2 - SHALL BE INSTALLED ADJACENT TO EACH SLEEPING AREA WHERE THERE IS A FUEL BURNING APPLIANCE IN **DWELLING & BASEMENT** INSTALLATION & CONFORMANCE ACCORDING TO O.B.C. 9.33.4.3

- ROOM TO BE VENTILATED ONE (1) AIR CHANGE PER HOUR

(19) EXTERIOR ENTRANCE DOOR: (32) PORCH SLAB: - SOLID CORE DOOR MIN 1 3/4" THICK - DEADBOLT OPERABLE FROM INSIDE W/O USE OF KEY HINGES TO BE INSTALLED ON INTERIOR SIDE FRONT DOOR TO HAVE VIEW FINDER UNLESS GLAZING OR SIDE LIGHT IS INSTALLED 9.7.2.1(2)

- R4 (RSI 0.70) WHERE A STORM DOOR IS NOT PROVIDED

SOLID CORE DOOR MIN. 1 3/4" THICK - DOOR TO BE FITTED AIR TIGHT & WEATHER STRIPPED 9.10.13.15 - SELF-CLOSURE DEVICE INSTALLED ON DOOR - DEADBOLT OPERABLE FROM INSIDE W/O USE OF KEY

(22) GARAGE PARTITION WALLS/CEILING: SIDE OVERLAPPED 2" - 1/2" GYPSUM BOARD - CONTINUOUS AIR / VAPOUR BARRIER AS PER O.B.C. 9.25.3 & 9.25.4

- 2"X6" STUD WALL @ 16" O.C. - R22 (RSI 3.87) BATT INSULATION - 1/2" GYPSUM BOARD **UNFINISHED BUT TAPED &** SEALED ON INTERIOR

GARAGE SIDE TO PREVENT GASIFAKAGE - CEILING TO HAVE 1/2" GYPSUM BOARD UNFINISHED **BUT TAPED & SEALED** - CONTINUOUS AIR / VAPOUR BARRIER AS PER 9.25.3 & 9.25.4

- R 31 (RSI 5.46) BATT INSULATION IN JOISTS W/ FLOOR ABOVE (23) CEILING ASSEMBLY: - 1/2" GYPSUM BOARD, TAPED, SANDED & PAINTED

(24) INTERIOR PARTITION WALLS: PER PLAN SANDED & PAINTED, BOTH

- DOUBLE TOP PLATE, WIDTH TO MATCH STUD SIZE AND SINGLE BOTTOM PLATE 25 STEEL BEAM STRAPPING:

- 1"X4" WOOD STRIP NAILED TO U/S OF JOISTS AND TIGHT AGAINST TOP FLANGE OF STEEL BEAM

26 HANDRAILS / GUARDS 9.8.7 & 9.8.8

- ON STAIRS -MAX. HEIGHT 3'-2" (965mm) -MIN. HEIGHT2'-10" (865mm) -4" (100mm) MAX. PROJECTION INTO STAIRWAY

- ON LANDINGS -INTERIOR HEIGHT 3'-6" (1070n -EXTERIOR HEIGHT > THAN 3'-(1070mm)5'-0" (1800mm) -EXTERIOR HEIGHT < THAN 2 (900mm) 5'-0" (1800mm) - MAX. OPENINGS IN GUARD RAILS =

- STAIRS OVER 3'-7" WIDE REQUIRE HANDRAIL ON EACH SIDE OF STAIR SUPPORT POSTS:

- 2-2"X6" BUILT UP POST ANCHORED FDTN. WALL - WOOD SEPARATED FROM FDTN. W AS PER NOTE 28 - FOOTING TO BE EXTENDED 6" (150 BEYOND POST

28) WOOD IN CONTACT W/ CONCRETE: - WOOD BEAMS IN BEAM POCKETS HAVE 1/2" AIRSPACE AROUND ENDS AND SIDES - WOOD MEMBERS RESTING ON

> CONCRETE: 9.23.2.3 - BE PRESSURE TREATED OR - SEPARATED FROM CONCRET W/ MIN 0.002" (0.05mm) POLYETHYLE FILM OR, TYPE 'S' ROLL ROOFING PAPER

29) SILL PLATE: 9.23.6 / 9.23.7 - 2"X6" SILL PLATE - ANCHORED TO FDTN. WALL W/ 1/2' DIA. BOLTS SPACED NOT MORE THAN 4'-0" O.C.

- BOLTS TO BE EMBEDDED MIN. 4" (100mm) INTO FDTN. WALL - SILL PLATES TO BE LEVELED FLUS AS EPR O.B.C. 9.23.7.2

ROOF VENTILATION: 9.19 - ALUMINUM OR VINYL VENTED SOF - PROVIDE BAFFLE ON U/S ROOF SHEATHING WHERE REQUIRED W/ M 2 1/2" CLEARANCE - MAIN ROOF VENTED @ 1/300 OF

INSULATED AREA - ADDITIONAL ROOFS W/ < 1:6 SLOPE VENT @ 1/150 OF INSULATED AREA -6" MIN. THICK CONCRETE SLAB

-35mpa CLASS C-1CONC. AFTER 28 DAYS FOR UNRE-ENFORCED CONC SLAB W/ 5-8% AIR ENTRAINMENT -4" COARSE CLEAN GRANULAR FILI UNDER SLAB -SLAB TO SIT ON EDTN WALL MIN

FOR PORCH SLABS OVER COLD CELLARS < 9'-0" IN DEPTH: -ADD 15m BARS @ 12" O.C. EA. WAY

THE GENERAL CONTRACTOR IS **RESPONSIBLE FOR WORKING WITH** CONCRETE SUPPLIER (WHO SHALL CERTIFIED BY THE READY MIXED CONCRETE ASSOCIATION OF ONTAF TO ENSURE THAT THE PLASTIC AND HARDENED MIX PROPERTIES MEET SITE REQUIREMENTS FOR PLACING AND FINISHING, AS OUTLINED UNDER THE "PERFORMANCE" ALTERNATE O TABLE 5 OF CSA-A23.1.

EAVE ASSEMBLY: 9.26

- 25 YR. ASPHALT SHINGLES HEAD / - 0.019" (0.48mm) THICK ALUMINUM FLASHING IN VALLEYS - 23 5/8" MIN. WIDTH

- ALUM. FLASHING CENTERED VALLEYS - EAVE PROTECTION AS PER O.B.C.

9.26.5.1 FROM EDGE OF ROOF EXTENDING 3'-0" UP ROOF SLOPE AN TO A POINT 11 7/8" BEYOND INTERIC FACE OF EXTERIOR WALL - EAVE PROTECTION LAID BENEATH STARTER STRIP

- EAVE PROTECTION NOT REQUIRED OVER UNHEATED SPACES - STARTER STRIP TO EXTEND 1/2" BEYOND EAVE & FASTENED @ BOT EDGE W/ NAILS SPACED 12" O.C. - STARTER STRIP CAN BE OMITTED

WHEN CONSTRUCTED AS PER O.B. 9.26.7.2(3) - 1/2" PLYWOOD OR OSB O-2 GRADE ROOF SHEATHING W/ EDGES SUPPORTED W/ METAL 'H' CLIPS (TA 9.23.15.7.A)

-APPROVED ROOF TRUSSES @ 24" (REFER TO TRUSS MANUFACTURE DRAWINGS - FASCIA BOARD CLADDED IN

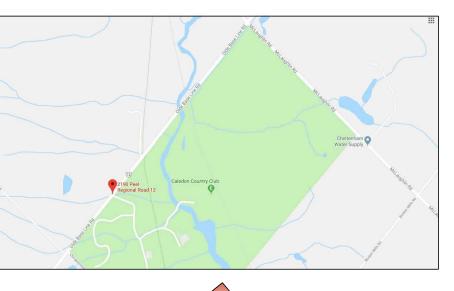
ALUMINUM - PREFABRICATED ALUMINUM EAVES TROUGH TO SLOPE TOWARDS DOWNSPOUTS

- AIR / VAPOUR BARRIER AS PER 9.25.3 & 9.25.4 - R31 (MIN) 2lb SPRAY FOAM INSULATION IN ROOF JOIST - EDGES OF PERIMETER @ SOFFIT TO BE BLOCKED FROM SPILLING OUT

- 2"X4" OR 2"X6" @ 16" O.C. AS - 1/2" GYPSUM BOARD, TAPED, SIDES

N -6" -11" = 4" A D TO	 (34) STUD WALL REINFORCEMENT: PROVIDE STUD WALL REINFORCEMENT IN BATH AS PER O.B.C. 3.8.3.8 (1)(d) & 3.8.3.13 (1)(f) FOR FUTURE GRAB BAR INSTALLATION (35) LINEN CLOSET: PROVIDE 4 WOOD SHELVES, MIN. 14" DEEP (36) FLAT ROOF ASSEMBLY: 11 7/8" ENG ROOF JSTS (AS PER PLAN) CEILING JOISTS -2"X6" CROSS PURLINS CUT DIAGONALLY FOR SLOPE, PERPENDICULAR TO JOISTS -3/8" EXTERIOR GRADE PLYWOOD -SINGLE LAYER WATERPROOF ROOFING MEMBRANE INSTALLED AS PER MANUF. SPEC.'S -SLOPE ROOF TO SCUPPER(S) 	Private 2160 Olde CALE
VALL Dmm) TO S TE ENE "AN	 (38) DOUBLE VOLUME WALL 9.23.10.1 (2) MAXIMUM HEIGHT OF 18'-4" 2-2" X 6" WOOD STUDS @ 12" O.C. PROVIDE SOLID BLOCKING 3'-11" O.C. VERTICALLY MINIMUM 3/8" EXTERIOR GRADE PLYWOOD SHEATHING STUD FASTENED TO TOP & BOTTOM PLATES W/ MIN. 3 1/4" TOE-NAILS DOUBLE TOP PLATES FASTENED TOGETHER W/ NOT LESS THAN 3" NAILS @ 7 7/8" O.C. BOTTOM PLATE FASTENED TO FLOOR JOISTS OR RIM BOARD W/ NOT LESS THAN 3" NAILS @ 7 7/8" O.C. ROOF TRUSS SPACED NOT MORE THAN 24" 0.C. FASTENED TO TOP PLATES W/ A MIN. OF 4-3 1/4" TOE-NAILS (40) DOUBLE MASONRY WALLS: 9.20.9.4 DOUBLE BRICK or STONE MASONRY WALL PROVIDE 2" SPACE BETWEEN WYTHES AND FILL SOLID W/ MORTAR TIE WALLS TOGETHER W/ INDIVIDUAL ROD TIES, TIES TO BE CORROSION RESISTANT, HAVE A MINIMUM CROSS-SECTIONAL AREA OF NOT LESS 	Colored Participants and the second s
FIT MIN. PE L 4" (I THE . BE VRIO), D. S ER OF /	THAN 17.8mm2 & HAVE NOT LESS THAN 2" PORTION BENT AT RIGHT ANGLES AT EACH END - LOCATED 11" FROM OPENING & SPACED NOT MORE THAN 2'-11" APART AROUND OPENING AND SPACED 2'-11" HORIZ. & 18" VERTICALLY AT ALL OTHER LOCATIONS (42) BALCONY ROOF ASSEMBLY: (OVER HEATED SPACE) -1/2" GYPSUM BOARD, TAPED SANED & PAINTED -AIR / VAPOUR BARRIER SYSTEM IN CONFORMANCE W/ O.B.C. 9.25.3 & 9.25.4 -2"X8" or 2"X10" (AS PER PLAN) CEILING JOISTS -INSULATE R31 (RSI 5.46) IN JOIST CAVITY -FOR 2"X8" C.J. ADD 2"X2" FURRING ONTO TOP FOR AIR SPACE -2"X4" CROSS PURLINS CUT DIAGONALLY FOR SLOPE, PERPENDICULAR TO JOISTS -3/8" EXTERIOR GRADE PLYWOOD -SINGLE LAYER WATERPROOF ROOFING MEMBRANE INSTALLED AS PER MANUF. SPEC.'S -SLOPE ROOF TO SCUPPER(S) -2"X4" CROSS PURLINS CUT DIAGONALLY W/ 1"X6" DECK BOARDS LAID PERPENDICULAR.	AREA CALCULATIONS GROUND sf 2061 m2 191.5 SECOND sf 1896 m2 176.1 LOFT sf 0 m2 0.0 - O.I.B. sf 127 m2 11.8 TOTAL sf 3830 m2 355.8 OFFICE LOFT sf 396 m2 36.8 TOTAL sf 4226 m2 392.6 Image: COVERACE CALCULATIONS Image: COVERACE Image: COVERACE Image: COVERACE GROUND sf 2061 m2 191.5 GRARAGE sf 811 m2 75.3 FRONT PORCH sf 2872 m2 266.8 COV. W/O sf 2872 m2 266.8 COV. W/ PORCH sf 3114 m2 289.3
D ON AND OR H ED TOM ABLE O.C. ES		

Private Residence 2160 Olde Base Line Rd. CALEDON, ON



North

DRAWING LIST:

- **T1 TITLE SHEET** A1 BASEMENT FLOOR PLAN
- A2 GROUND FLOOR PLAN
- A3 SECOND FLOOR PLAN
- A4 FRONT ELEVATION **A5 RIGHT SIDE ELEVATION**
- D1 DETAILS

FRAMING REQUIREMENTS

SOLID BEARING POSTS:

- SOLID BEARING UNDER ALL CONCENTRATED LOADS UNTIL TRANSFERRED STL. BM. OR FDTN. WALL - SOLID BEARING POSTS:

BUILT-UP STUD MEMBERS, ONE (1) VERTICAL STUD PER PLY SUPPORTED. BUILT-UP SOLID BEARING POST TO BE A MIN. WIDTH OF MEMBER SUPPORTEI SEE SOLID BEARING SCHEDULE FOR NAILING SPECIFICATIONS - ROOF LOADING IS BASED ON 1.5KPa COMPOSITE SNOW LOADS AND RAIN LOADS

POST	WALL STYLE	NAIL PATTERN
2-2x6 No.2 SPF	2x6@16	2 ROWS OF 3" COMMON NAILS @ 9" c/c
2-2x4 No.2 SPF	2x4@16	2 ROWS OF 3" COMMON NAILS @ 9" c/c
3-2x6 No.2 SPF	2x6@16	2 ROWS OF 4 1/2" COMMON NAILS @ 9" c/c
3-2x4 No.2 SPF	2x4@16	2 ROWS OF 4 1/2" COMMON NAILS @ 9" c/c

4-2x6 No.2 SPF 2x6@16 2 ROWS OF 6" COMMON NAILS @ 9" c/c 4-2x4 No.2 SPF 2x4@16 2 ROWS OF 6" COMMON NAILS @ 9" c/c

-WHETHER STATED HEREIN OR NOT, ALL FRAMING IS TO CONFORM TO THE REQUIREMENTS OF THE 2006 O.B.C.

VOLUME 1 & 2 - ALL LUMBER TO BE SPRUCE NO. 2

- DOUBLE FRAMING MEMBERS AROUND OPENINGS UNLESS STATED OTHERW - WOOD JOISTS MIN. BEARING 1 1/2"
- WOOD BEAMS MIN. BEARING 3 1/2"

- OPENINGS IN STUD WALLS AS PER O.B.C. 9.23.10.6 & 9.23.12 - STUD WALL - (1) BOTTOM PLATE & (2) TOP PLATES SAME WIDTH AS STUD W - WALL STUDS TO BE CONTINUO FOR THE FULL STOREY - APPROVED JOIST HANGERS TO ATTACHED JOISTS / BEAMS TO FLUSH BEAM

- BUILT-UP WOOD BEAMS (3 PLY MEMBERS)(9.23.8.3) ALL BUILT UP WOOD BEAMS SHALL BE MEMBERS NOT LESS THAN 1 1/2" IN THICKNESS & EACH MEMBER NAILED TOGETHER W/ MIN. 3 1/2" LONG NAILS. DOUBLE ROW. SPACED NOT MORE THAN 17 3/4" APART IN EACH ROW & LAST NAILS SHALL BE A MAX. 4" FROM THE END OF EACH MEMBER.

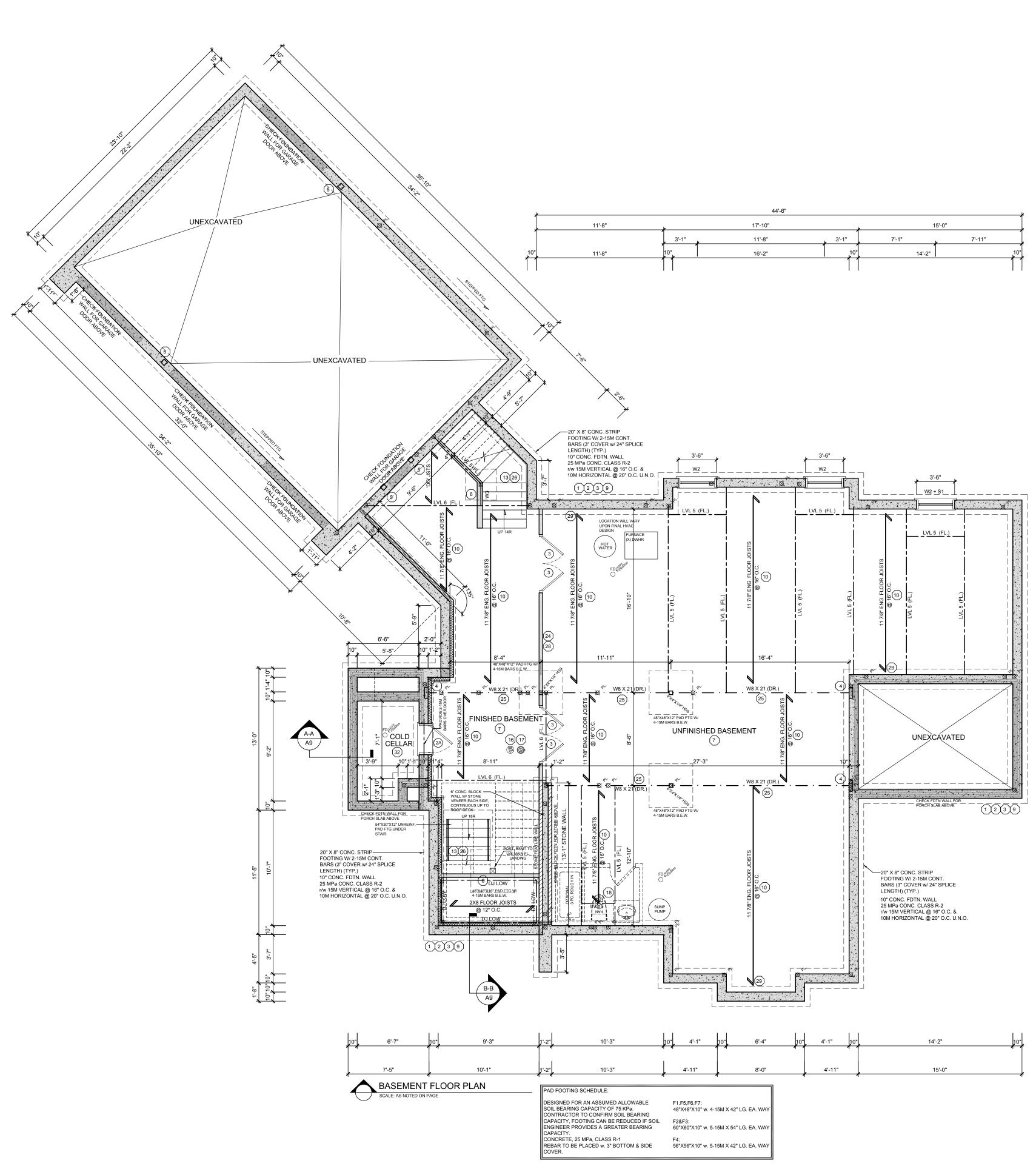
- BUILT-UP WOOD BEAMS (4 PLY MEMBERS) (9.23.8.3) ALL BUILT UP WOOD BEAMS GREATER THAN 3 MEMBERS SHALL BE BOLTED TOGETHER W/ MIN. 1/2" DIA. BOLTS W/ WASHERS SPACED 36" O.C. MAX.

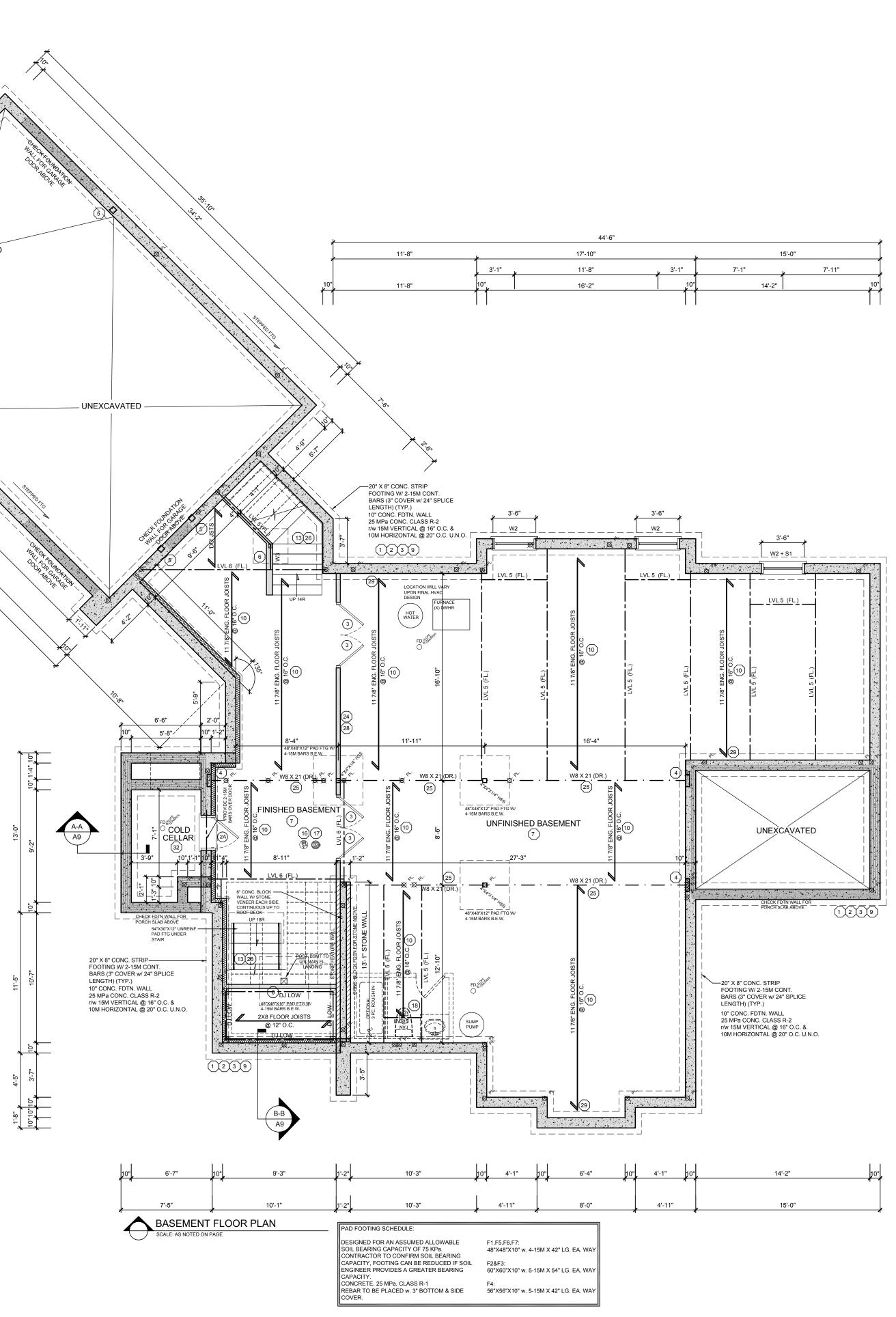
UNLESS SPECIFICALLY NOTED ON THE DRAWINGS, NO PROVISION HAS BEEN THE DESIGN FOR CONDITIONS OCCURRING DURING CONSTRUCTION. THE CO TO PROVIDE ALL BRACING AND SHORING REQUIRED TO SAFELY CARRY OUT INCLUDING TEMPORARY SUPPORT OF EXISTING OR ADJACENT STRUCTURES BY THE WORK.

EEDS SPECIFICATIONS: PACKAGE 'A1' NOTE:

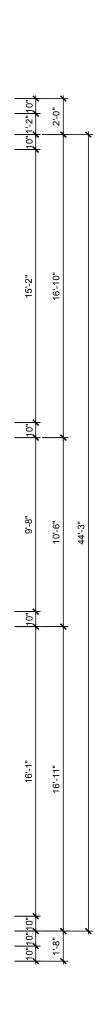
(1) DWHR w/ MIN. 42% EFFICIENCY IS REQ'D FOR < 2 SHOWERS IN DWELLING (2) DWHR w/ MIN. 42% EFFICIENCY IS REQ'D FOR 3-4 SHOWERS IN DWELLING

		VULCAN DESIGN INC. Professional Service, Exceptional Value
		39 VICTORIA STREET E. UNIT #1 ALLISTON, ON L9R-1T3 PH: 416-885-5200 FAX: 905-266-0613 EMAIL: dberry@vulcandesigninc.com CONTACT PERSON: DANIEL BERRY
D TO	-ALL STRUCTURAL WORKS ARE TO BE COMPLETED BY A LICENCE, QUALIFIED PROFESSIONAL IN THE FIELD OF WORKS. CONTRACTOR / BUILDER SHALL CONSTRUCT FROM THE APPROVED, ISSUED BUILDING PERMIT SET OF	
ſED	DRAWINGS ISSUED FROM THE LOCAL GOVERNING MUNICIPALITY. *NO STRUCTURAL WORK IS TO BE COMPLETED WITH OUT AN ISSUED BUILDING PERMIT FROM THE LOCAL GOVERNING MUNICIPALITY. ANY WORK COMPLETED WITH OUT A PROPER BUILDING PERMIT WILL BE CARRIED OUT BY THE SOLE RISK	BCIN DECLARATION:
	& RESPONSIBILITY OF THE OWNERS/CONTRACTORS AND VULCAN DESIGN INC. AND ITS AFFILIATES ARE RELIEVED OF ANY & ALL LIABILITIES WHAT SO EVER. -CONTRACTOR TO VERIFY SEWER/STORM INVERTS PRIOR TO CONSTRUCTION. IF	REVIEWED & TAKE DESIGN RESPONSIBILITY FOR THE DESIGN WORK UNDER DIVISION C, PART 3 SECTION 3.2 OF THE ONTARIO BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE
	BASEMENT SLAB IS DROPPED BELOW SEWER INVERTS, SEWER PUMPS MAY BE REQ'D. PUMP INSTALLS ARE THE SOLE RESPONSIBILITY OF THE OWNER. -DRAWINGS ARE NOT TO BE SCALED. BUILDER / CONTRACTOR TO VERIFY ALL	CATEGORIES. FIRM BCIN: 36501 DESIGNER BCIN: 21107
<u> </u>	DIMENSIONS PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO DESIGNER. VULCAN DESIGN INC. IS NOT RESPONSIBLE FOR ANY STRUCTURAL ALTERATIONS TO DRAWINGS UNLESS ACCOMPANIED WITH WRITTEN APPROVAL.	SIGNATURE:DATE: Jan 01/17
RWISE WALL AMS	-ALL STRUCTURAL INFORMATION RELATING TO EXISTING STRUCTURE & LOCATIONS ARE ASSUMED ONLY. DESIGNER HAS MADE EVERY EFFORT BASED ON SITE INSPECTION, PREVIOUS STRUCTURAL DRAWINGS & PENETRATIONS. VULCAN DESIGN INC. IS NOT RESPONSIBLE FOR ANY DISCREPANCIES OF ASSUMED EXISTING CONDITIONS AND ACTUAL CONDITIONS DISCOVERED ON SITE. IF DISCREPANCIES ARE DISCOVERED IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY DESIGNER FOR INSPECTION.	ENGINEER CERTIFICATION:
S, ST END	DOORS: NOTE: ALL FLAT ARCHWAYS ARE TO BE 6'-8" OFF FULLENTERIOR DOORS WOOD	
D	UNLESS STATED OTHERWISE ON DRAWING'S. HOLLOW CORE 3 PANEL DOOR EXTERIOR INTERIOR MAIN FLOOR INTERIOR SECOND FLOOR	
EN MADE IN CONTRACTOR IS JT THE WORK, ES AFFECTED	(3A) 2'8" X 8'0" X 1-3/4" (3) 2'6" X 8'0" X 1-3/8" (3) 2'6" X 7'6" X 1-3/8" (4) 2'4" X 8'0" X 1-3/8" (4) 2'4" X 7'6" X 1-3/8"	
	ALL EXTERIOR DOORS (5) 2'0" X 8'0" X 1-3/8" (5) 2'0" X 7'6" X 1-3/8" INSUL. MIN. R4 (6) 1'6" X 8'0" X 1-3/8" (6) 1'6" X 7'6" X 1-3/8"	LEGEND / LINTELS:
		LINTELS: ABBREVIATIONS:
		W1 2/2"X8" DJ DOUBLE JOIST W2 2/2"X10" TJ TRIPLE JOIST W3 2/2"X12" GT GIRDER TRUSS W4 3/2"X8" 'DO' DO OVER W5 3/2"X10" 'DO' DO OVER W6 3/2"X12" RJ ROOF JOISTS
		LVL (2.0E) STL. STEL LVL 1 2-1 3/4" X 7-1/4" SB. SOLID BEARING LVL 2 3-1 3/4" X 7-1/4" (SEE 'FRAMING REQ.'S') LVL 3 2-1 3/4" X 9-1/2" PL. POINT LOAD LVL 4 3-1 3/4" X 9-1/2" FL. FLUSH LVL 5 2-1 3/4" X 11-7/8" FL. FLUSH
IGS. NGS.		LVL 72- 1 3/4" X 14"DR.DROPPEDLVL 83- 1 3/4" X 14"FG.FIXED GLASSU.N.O. FASTEN MULTIPLE PLY LVL'SFG.FIXED GLASS(2) ROWS @ 12" O.C. 3 $\frac{1}{2}$ " (16d) NAILS OR SDW SCREWSFDTN.FOUNDATION
		STEEL LINTELS BG. BLACK GLASS \$1 <4'-0" L3-1/2" X 3-1/2" - 1/4"
		-BEAR LINTELS MIN. 6" EACH END -LINTELS SHALL BE PRIMED TO "CISC/CPMA 2-3" -ORIENT ANGLES LONG LEG VERT. MAX 4" RPICK OVERHANC
	CONSULTANTS:	-MAX. 1" BRICK OVERHANG -WEEP HOLES @ 56" O.C. MAX BBFM BEAM BY FLOOR MANUFACTURE SB. SOLID BEARING GAS LINE
	YMSD-	(SAME WIDTH AS SUPPORTED MEMBER) CABLE LINE PL. CONCENTRATED POINT LOAD PHONE JACK FIRE PLACE VENT CEILING EXHAUST FAN
	Devive Engineering Inc.	
	Revive Engineering Inc. www.ReviveEngineering.com	SMOKE ALARM SWITCH CARBON MONOXIDE DETECTOR SWITCH
	mreid@reviveng.com 647-648-3969	$ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
		ELECTRICAL OUTLET HOOD/CELLAR VENT C DRYER VENT ELECTRIC RECEPTACLE (42" OFF FINISH FLOOR) FLOOR DRAIN
	STRUCTURAL ENGINEERING	NO:: REVISION : DATE: DWN CHK 1 Issued for review NOV22-18 dcb dcb
		PROJECT: V18-0465 2160 Olde Base Line Rd. CALEDON, ON PG. CONTENT: PAGE:
vale Blvc	d., Whitchurch-Stouffville_EEDS.pdf	$\frac{\text{TITLE PAGE}}{\text{SCALE:}} \frac{3/16" = 1'-0"}{3}$

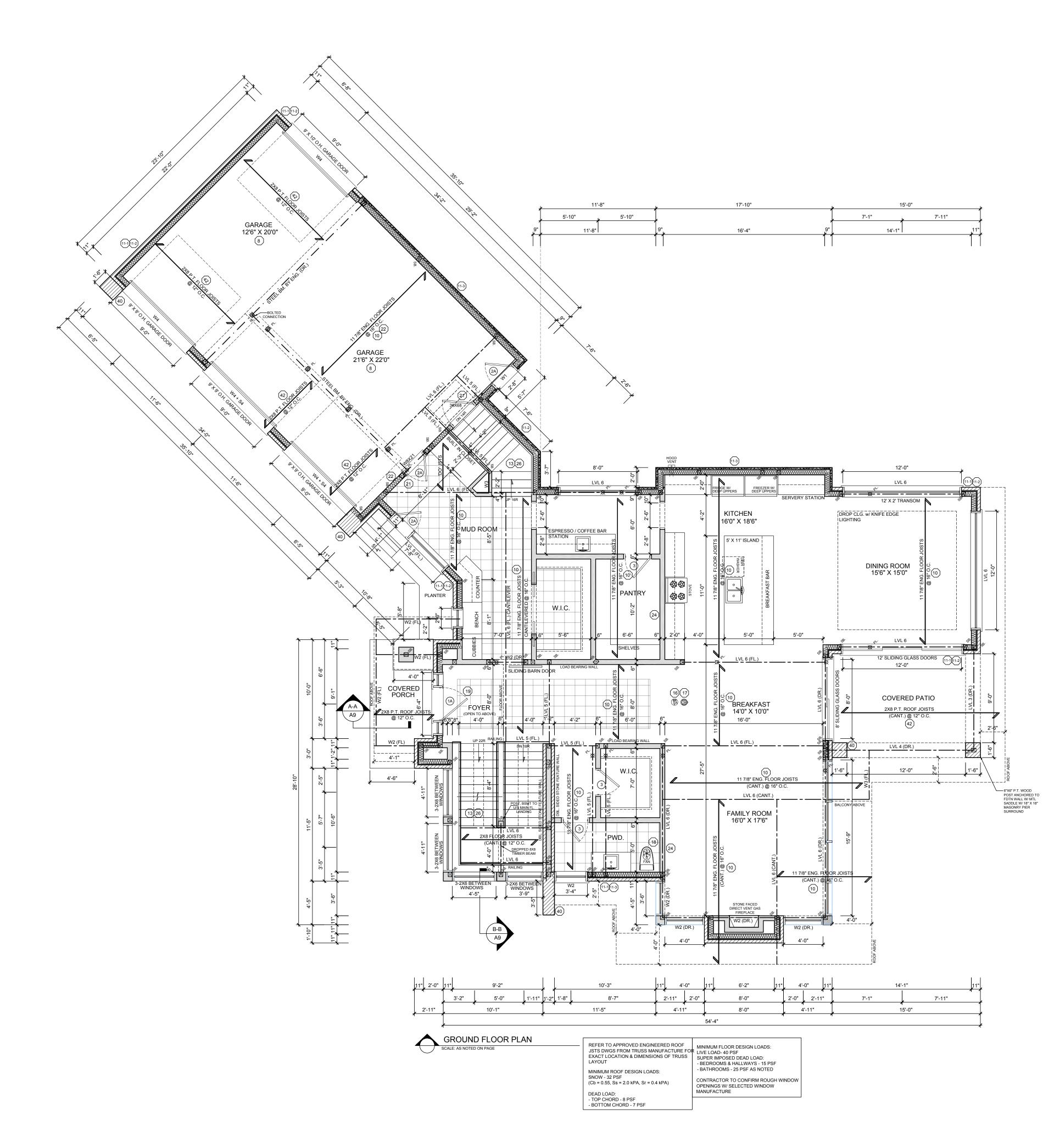




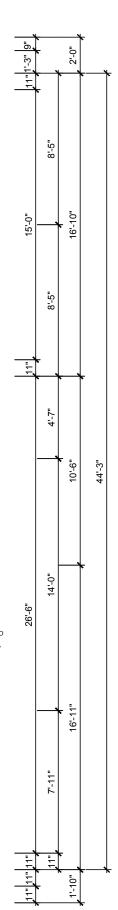
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	39 VICTORIA STREET E. UNIT #1 ALLISTON, ON L9R-1T3 PH: 416-885-5200 FAX: 905-266-0613 EMAIL: dberry@vulcandesigninc.com CONTACT PERSON: DANIEL BERRY
	BCIN DECLARATION:
	I DANIEL BERRY DECLARE THAT I HAVE REVIEWED & TAKE DESIGN RESPONSIBILITY FOR THE DESIGN WORK UNDER DIVISION C, PART 3 SECTION 3.2 OF THE ONTARIO BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CATEGORIES. FIRM BCIN: 36501 DESIGNER BCIN: 21107
	SIGNATURE: DATEJan 01/17
	ENGINEER CERTIFICATION:
	LEGEND / LINTELS:
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	W1 2/2"X8" DJ DOUBLE JOIST W2 2/2"X10" TJ TRIPLE JOIST W3 2/2"X12" GT GIRDER TRUSS W4 3/2"X8" 'DO' DO OVER W5 3/2"X10" 'DO' DO OVER W6 3/2"X12" RJ ROOF JOISTS LVL (2.0E) STL. STEEL LVL 2 3-1 3/4" X 7-1/4" SB. SOLID BEARING LVL 3 2-1 3/4" X 7-1/4" SE 'FRAMING REQ.'S') LVL 4 3-1 3/4" X 9-1/2" PL. POINT LOAD LVL 4 3-1 3/4" X 11-7/8" FL. FLUSH LVL 6 3-1 3/4" X 11-7/8" FL. FLUSH LVL 7 2-1 3/4" X 14" DR. DROPPED LVL 8 3-1 3/4" X 14" DR. DROPPED LVL 8 3-1 3/4" X 14" FG. FIXED GLASS (2) ROWS @ 12" O.C. 3 ½" (16d) NAILS FDTN. FOUNDATION
	STEEL LINTELSBG.BLACK GLASSS1<4'-0" L3-1/2" X 3-1/2" - 1/4"JTJACK TRUSSS2< 6'-0" L4" X 3-1/2" X 1/4"U/SUNDERSIDES3< 8'-0" L5" X 3-1/2" X 5/16"T/OTOP OF-BEAR LINTELS MIN. 6" EACH END -LINTELS SHALL BE PRIMED TOFG.FIXED GLASS"CISC/CPMA 2-3"-ORIENT ANGLES LONG LEG VERT.CLG.CEILING-MAX. 1" BRICK OVERHANG -WEEP HOLES @ 56" O.C. MAXBBFMBEAM BY FLOOR MANUFACTURE
	SB. SOLID BEARING (SAME WIDTH AS SUPPORTED MEMBER) € GAS LINE PL. CONCENTRATED POINT LOAD € PHONE JACK FIRE PLACE VENT € CEILING EXHAUST FAN DRYER VENT P.C. PULL CHAIN CLG. LIGHT STOVE VENT - CEILING LIGHT CELLAR VENT 3
	 SMOKE ALARM SMOKE ALARM CARBON MONOXIDE DETECTOR LIGHT SWITCH HOSE BIB 120 VOLT RECEPTACLE WATERPROOF ELECTRICAL OUTLET WOD/CELLAR VENT DRYER VENT FLOOR DRAIN
	NO.: REVISION : DATE: DWN.CHK. 1 Issued for review OC 29/18 dcb 2 Issued for review NO 06/18 dcb - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
_	PROJECT: V18-0465 2160 Olde Base Line Rd. CALEDON, ON
	PG. CONTENT: FLOOR PLANS
	^{SCALE:} 3/16" = 1'-0" AZ



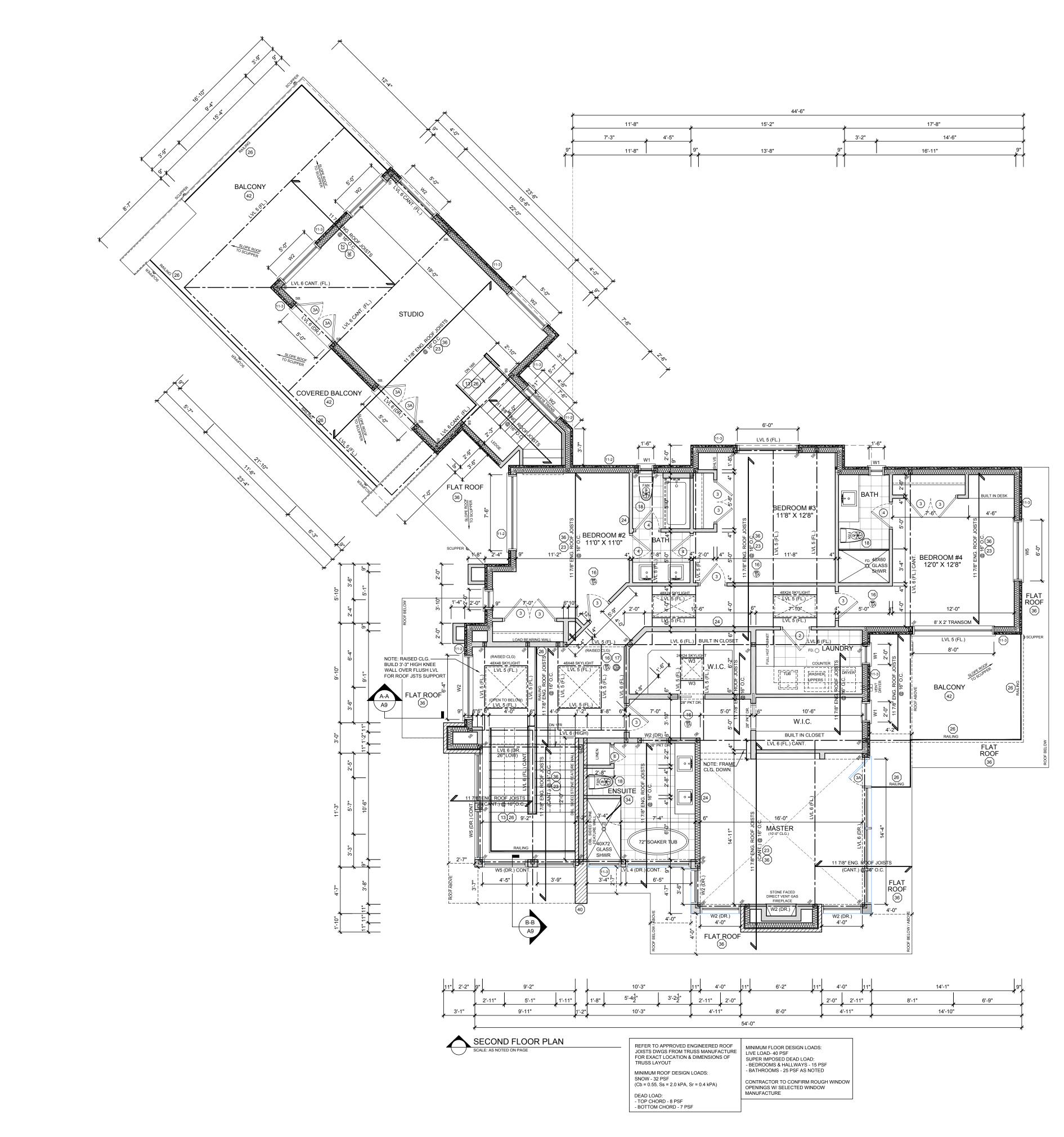
AREA CALCULATIONS						
GROUND	sf	2061	m2	191.5		
SECOND	sf	1896	m2	176.1		
LOFT	sf	0	m2	0.0		
- O.T.B.	sf	127	m2	11.8		
TOTAL	sf	3830	m2	355.8		
OFFICE LOFT	sf	396	m2	36.8		
TOTAL	sf	4226	m2	392.6		
COVER	AG	E CALCUL	ATIC	ons		
COVER	AG sf	E CALCUL 2061	ATIC m2	DNS 191.5		
GROUND	sf	2061	m2	191.5		
GROUND	sf sf	2061 811	m2 m2	191.5 75.3		
GROUND GARAGE FRONT PORCH	sf sf sf	2061 811 84	m2 m2 m2	191.5 75.3 7.8		
GROUND GARAGE FRONT PORCH REAR PORCH COV. W/O	sf sf sf	2061 811 84 158	m2 m2 m2 m2	191.5 75.3 7.8 14.7		
GROUND GARAGE FRONT PORCH REAR PORCH COV. W/O PORCH	sf sf sf sf	2061 811 84 158 2872	m2 m2 m2 m2 m2	191.5 75.3 7.8 14.7 266.8		



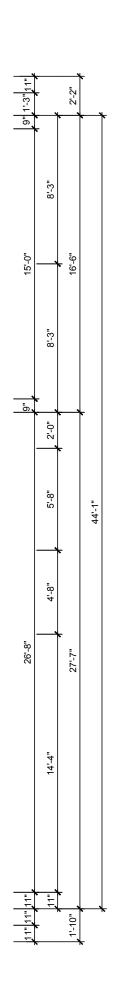
VULCAN DESIGN INC. Professional Service, Exceptional Value
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LVL 1 2- 1 3/4" X 7-1/4" LVL 2 3- 1 3/4" X 7-1/4" LVL 3 2- 1 3/4" X 9-1/2" SB. SOLID BEARING (SEE 'FRAMING REQ.'S') PL. POINT LOAD
LVL 4 3- 1 3/4" X 9-1/2" LVL 5 2- 1 3/4" X 11-7/8" FL. FLUSH LVL 6 3- 1 3/4" X 11-7/8" LVL 7 2- 1 3/4" X 14" DR. DROPPED
LVL 8 3- 1 3/4" X 14" U.N.O. FASTEN MULTIPLE PLY LVL'S FG. FIXED GLASS (2) ROWS @ 12" O.C. 3 $\frac{1}{2}$ " (16d) NAILS
OR SDW SCREWS FDTN. FOUNDATION STEEL LINTELS BG. BLACK GLASS
S1 <4'-0" L3-1/2" X 3-1/2" - 1/4" JT JACK TRUSS S2 < 6'-0" L4" X 3-1/2" X 1/4" U/S UNDERSIDE S3 < 8'-0" L5" X 3-1/2" X 5/16" U/S UNDERSIDE
S4 < 10'-0" L6" X 3-1/2" X 5/16" T/O TOP OF -BEAR LINTELS MIN. 6" EACH END EQ EIXED GLASS
-LINTELS SHALL BE PRIMED TO "CISC/CPMA 2-3" -ORIENT ANGLES LONG LEG VERT. -MAX. 1" BRICK OVERHANG -WEEP HOLES @ 56" O.C. MAX HILL OLLOO CLG. CEILING BBFM BEAM BY FLOOR MANUFACTURE
SOLID BEARING (SAME WIDTH AS SUPPORTED MEMBER) GAS LINE CABLE LINE
CONCENTRATED PHONE JACK POINT LOAD FAN
FIRE PLACE VENT CEILING EXHAUST FAN DRYER VENT P.C.
STOVE VENT CELLAR VENT
SMOKE ALARM
CARBON MONOXIDE DETECTOR HOSE BIB HOSE BIB HOSE BIB
$ \begin{array}{c c} & \text{HOSE BIB} \\ & & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & $
1Issued for reviewOC 29/18dcbdcb2Issued for reviewNO 06/18dcb
PROJECT: V18-0465
2160 Olde Base Line Rd. CALEDON, ON
PG. CONTENT: FLOOR PLANS PAGE:
3/16" = 1'-0" A



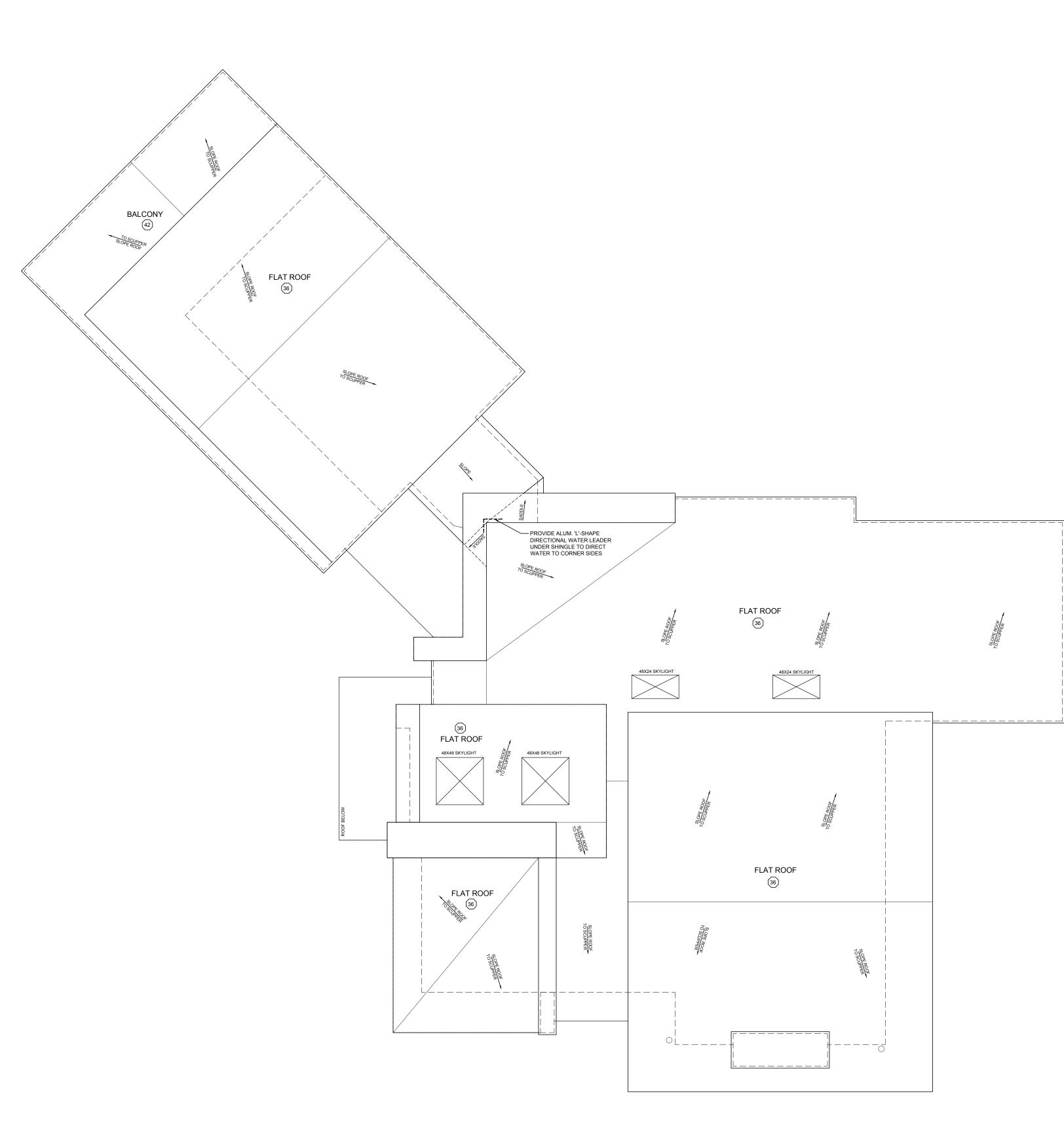
AREA CALCULATIONS					
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TOTAL	sf	4226	m2	392.6	
COVER	AG	E CALCUL	ATIC	ons	
GROUND	sf	2061	m2	191.5	
GARAGE	sf	811	m2	75.3	
FRONT PORCH	sf	84	m2	7.8	
REAR PORCH	sf	158	m2	14.7	
COV. W/O PORCH	sf	2872	m2	266.8	
COV. W/ PORCH	sf	3114	m2	289.3	



AL PH FA EM	VICTORIA STREET E LISTON, ON L9R-1T3 I: 416-885-5200 X: 905-266-0613 IAIL: dberry@vulcande NTACT PERSON: DA	esigninc.com
	BCIN DEC	CLARATION:
	I DANIEL BERRY DECLAF REVIEWED & TAKE DESI FOR THE DESIGN WORK PART 3 SECTION 3.2 OF BUILDING CODE. I AM QU FIRM IS REGISTERED IN CATEGORIES.	IGN RESPONSIBILITY (UNDER DIVISION C, THE ONTARIO UALIFIED AND THE
S	IGNATURE:	DAT <u>EJan 01/17</u>
	ENGINEER CE	ERTIFICATION:
		ID / LINTELS:
	INTELS:	ABBREVIATIONS:
	VOOD V1 2/2"X8" V2 2/2"X10" V3 2/2"X12" V4 3/2"X8" V5 3/2"X10" V6 3/2"X12" VL (2.0E) VL (2.0E) VL 1 2-1 3/4" X 7-1/4" V2 3.4" X 7-1/4" V1 2-1 3/4" X 7-1/4" V1 2-1 3/4" X 9-1/2" VL 4 3-1 3/4" X 9-1/2" VL 4 3-1 3/4" X 11-7/8" V1 5 2-1 3/4" X 11-7/8" V1 7 2-1 3/4" X 11-7/8" V1 7 2-1 3/4" X 14" N.O. FASTEN MULTIPLE PLY Q1 80% © 12" O.C. 3 ½" (16d) Q2 80% 012" O.C. 3 ½" (16d) Q3 80% SCREWS STEEL LINTELS S1 <4'-0" L3-1/2" X 3-1/2" X 5/16" S4 10-0" L6" X 3-1/2" X 5/16" S4 <10-0" L6" X 3-1/2" X 5/16" <th>NAILSFDTN.FOUNDATIONBG.BLACK GLASSJTJACK TRUSSU/SUNDERSIDE6"T/OTOP OF5DFG.FIXED GLASSERT.CLG.CEILING</th>	NAILSFDTN.FOUNDATIONBG.BLACK GLASSJTJACK TRUSSU/SUNDERSIDE6"T/OTOP OF5DFG.FIXED GLASSERT.CLG.CEILING
	HOOD/CELLAR VENT	
	O.: REVISION : 1 Issued for review 2 Issued for review 4 Issued for review 4 Issued for review 4 Issued for review	NO 06/18 dcb 000 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100
PROJ	ECT: V18-0465	

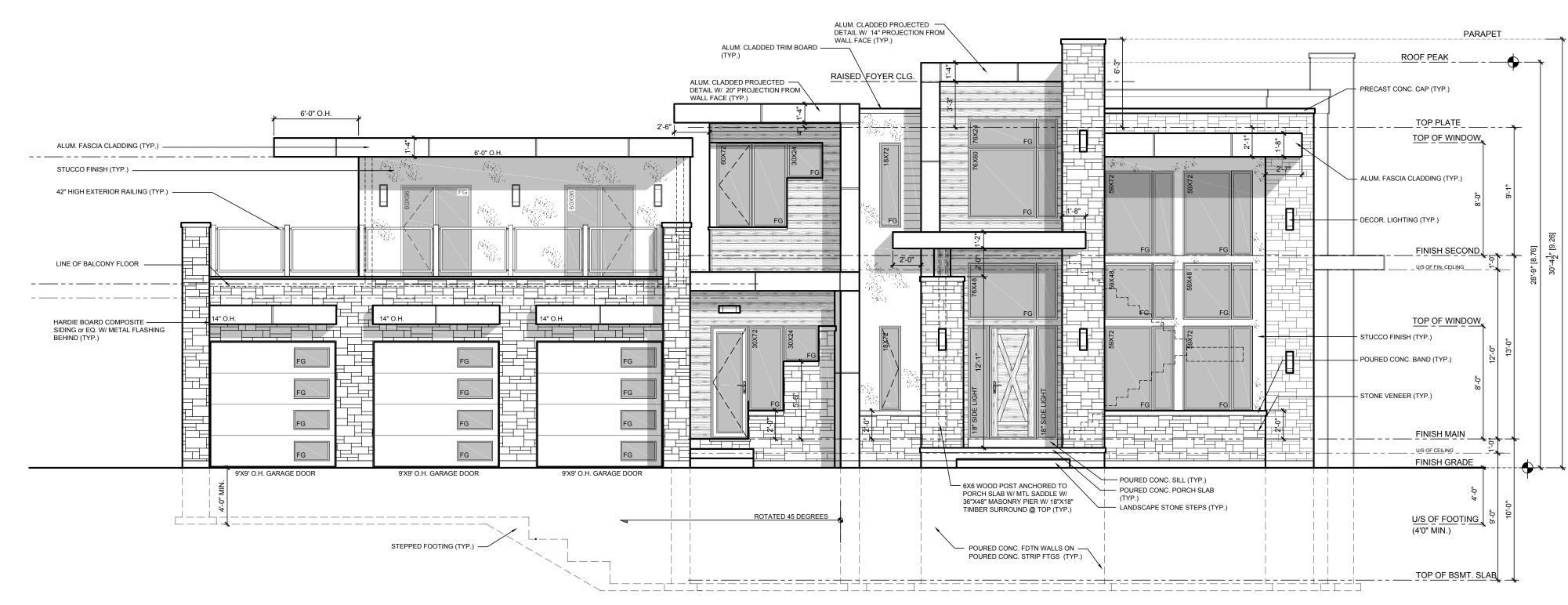


AREA CALCULATIONS					
GROUND	sf	2061	m2	191.5	
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COVER	AG	E CALCUL	ATIC	ONS	
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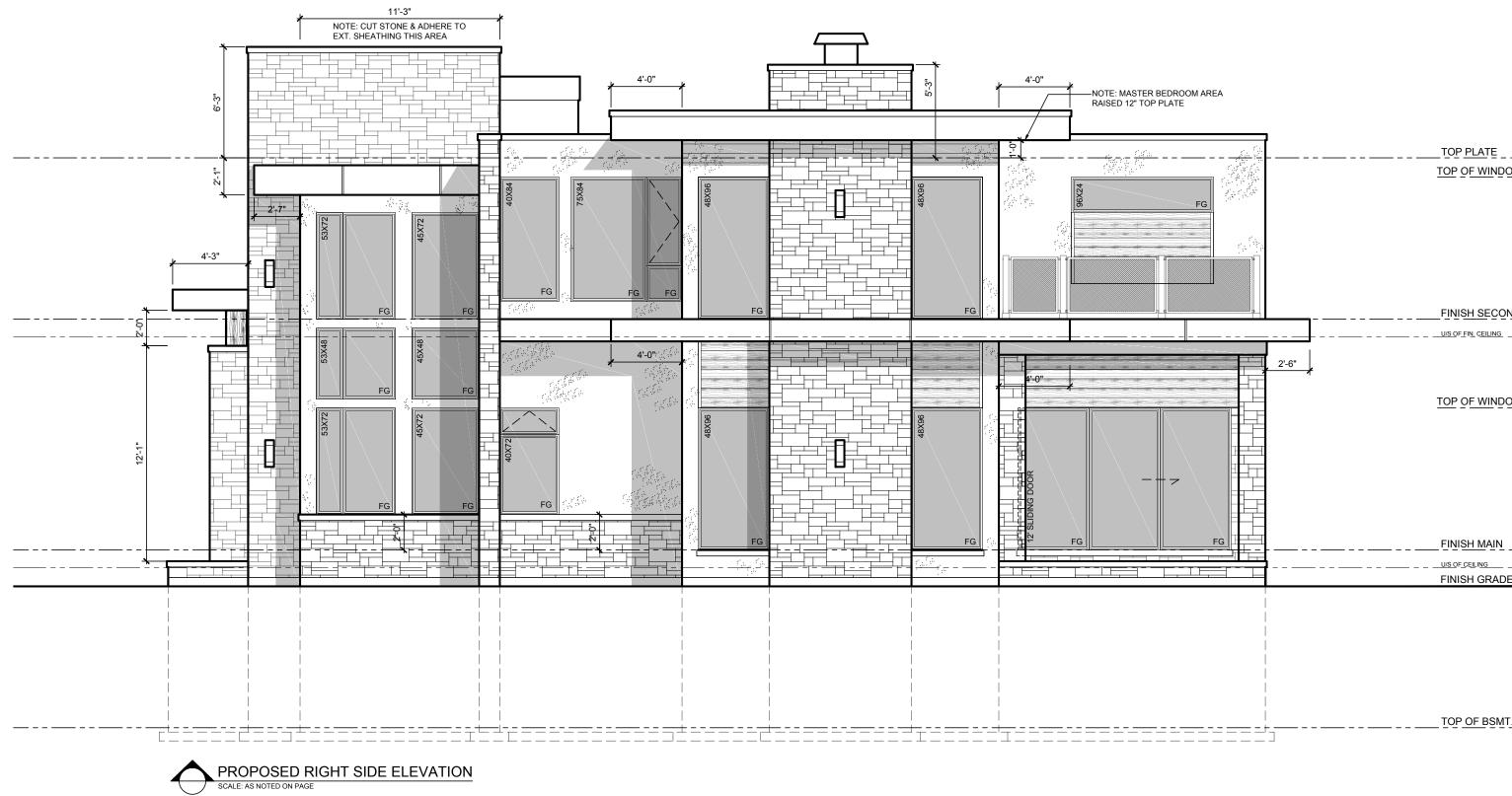


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VULCAN DE Professional Service, E	
39 VICTORIA STREET E. UN ALLISTON, ON L9R-1T3 PH: 416-885-5200 FAX: 905-266-0613 EMAIL: dberry@vulcandesign CONTACT PERSON: DANIEL	inc.com
BCIN DECLA	
I DANIEL BERRY DECLARE TH	AT I HAVE
	ER DIVISION C, DNTARIO ED AND THE APPROPRIATE FIRM BCIN: 36501
SIGNATURE:	NER BCIN: 21107 DATEJan 01/17
ENGINEER CERT	IFICATION:
LEGEND	/ LINTELS:
LINTELS:	ABBREVIATIONS:
<u>WOOD</u> W1 2/2"X8"	DJ DOUBLE JOIST
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W4 3/2"X8" W5 3/2"X10" W6 3/2"X12"	'DO' DO OVER
LVL (2.0E)	RJ ROOF JOISTS STL. STEEL
LVL 1 2- 1 3/4" X 7-1/4" LVL 2 3- 1 3/4" X 7-1/4" LVL 3 2- 1 3/4" X 7-1/2"	SB. SOLID BEARING (SEE 'FRAMING REQ.'S') PL. POINT LOAD
LVL 3 2- 1 3/4" X 9-1/2" LVL 4 3- 1 3/4" X 9-1/2" LVL 5 2- 1 3/4" X 11-7/8" LVL 6 3- 1 3/4" X 11-7/8"	FL. FLUSH
LVL 7 2- 1 3/4" X 14" LVL 8 3- 1 3/4" X 14" U.N.O. FASTEN MULTIPLE PLY LVL'S	DR. DROPPED FG. FIXED GLASS
(2) ROWS @ 12" O.C. 3 ¹ / ₂ " (16d) NAILS OR SDW SCREWS	FDTN. FOUNDATION
<u>STEEL LINTELS</u> S1 <4'-0" L3-1/2" X 3-1/2" - 1/4"	BG. BLACK GLASS JT JACK TRUSS
S2 < 6'-0" L4" X 3-1/2" X 1/4" S3 < 8'-0" L5" X 3-1/2" X 5/16" S4 < 10'-0" L6" X 3-1/2" X 5/16"	U/S UNDERSIDE T/O TOP OF
-BEAR LINTELS MIN. 6" EACH END -LINTELS SHALL BE PRIMED TO "CISC/CPMA 2-3"	FG. FIXED GLASS
-ORIENT ANGLES LONG LEG VERT. -MAX. 1" BRICK OVERHANG -WEEP HOLES @ 56" O.C. MAX	CLG. CEILING BBFM BEAM BY FLOOR MANUFACTURE
(SAME WIDTH AS	GAS LINE CABLE LINE
PL. CONCENTRATED OPINT LOAD FAN	PHONE JACK
FIRE PLACE VENT	CEILING EXHAUST FAN
	PULL CHAIN CLG. LIGHT
Image: Cellar vent Image: Cellar vent Image: Cellar	3 WAY SWITCH
CARBON MONOXIDE DETECTOR	LIGHT SWITCH
L HOSE BIB → WP. WATERPROOF 42"	120 VOLT RECEPTACLE
	ELECTRIC RECEPTACLE (42" OFF FINISH FLOOR) FLOOR DRAIN
NO: REVISION :	DATE: DWN.CHK
1 Issued for review 2 Issued for review	OC 29/18 dcb dcb NO 06/18 dcb
PROJECT: V18-0465	e l ine Rd
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FLOOR PLANS SCALE: 3/16" = 1'-0	

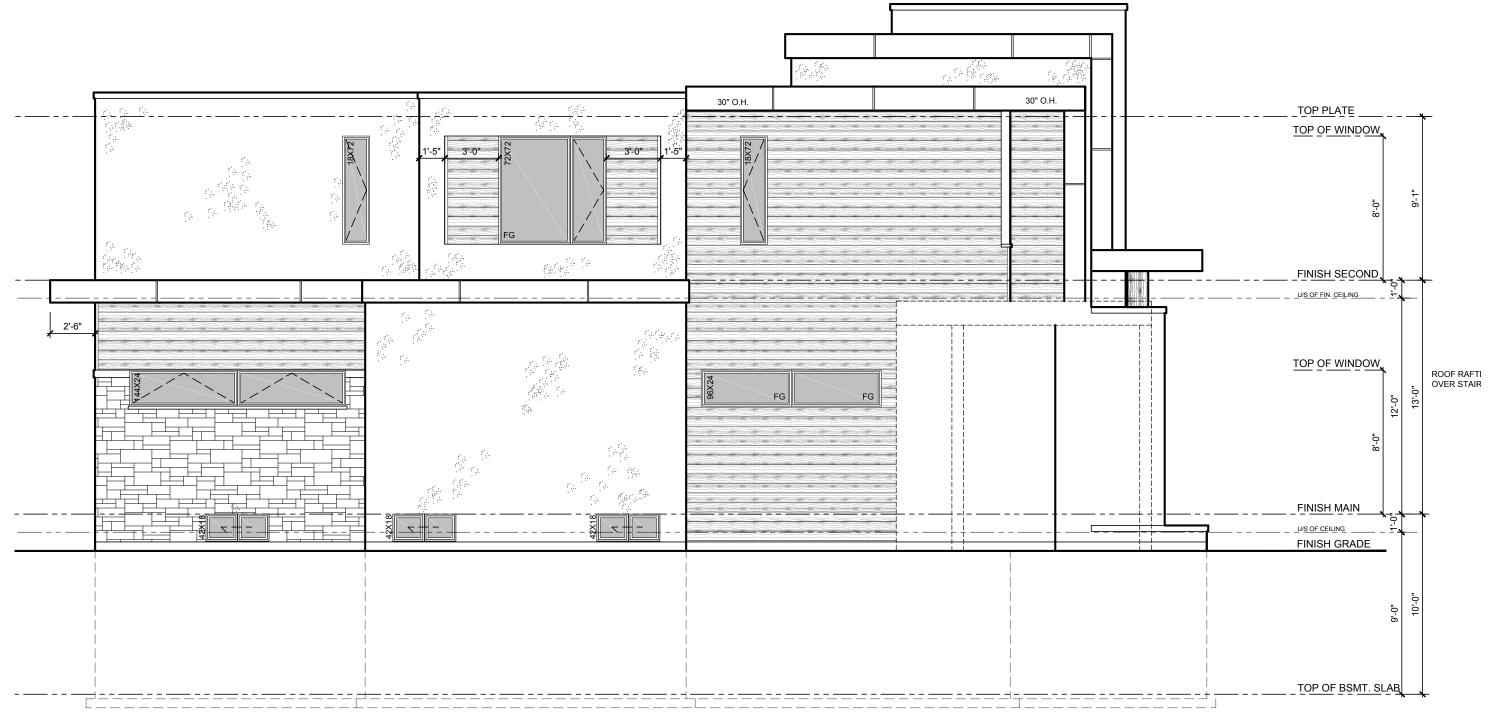


PROPOSED FRONT ELEVATION SCALE: AS NOTED ON PAGE

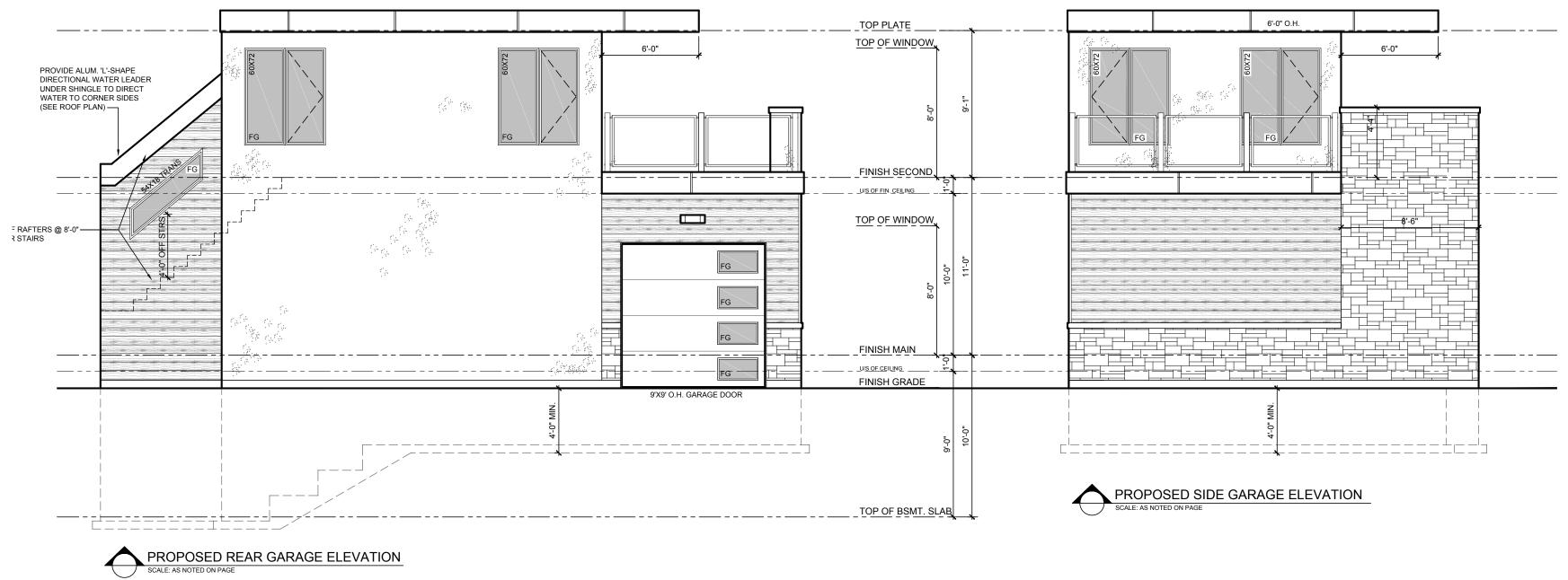


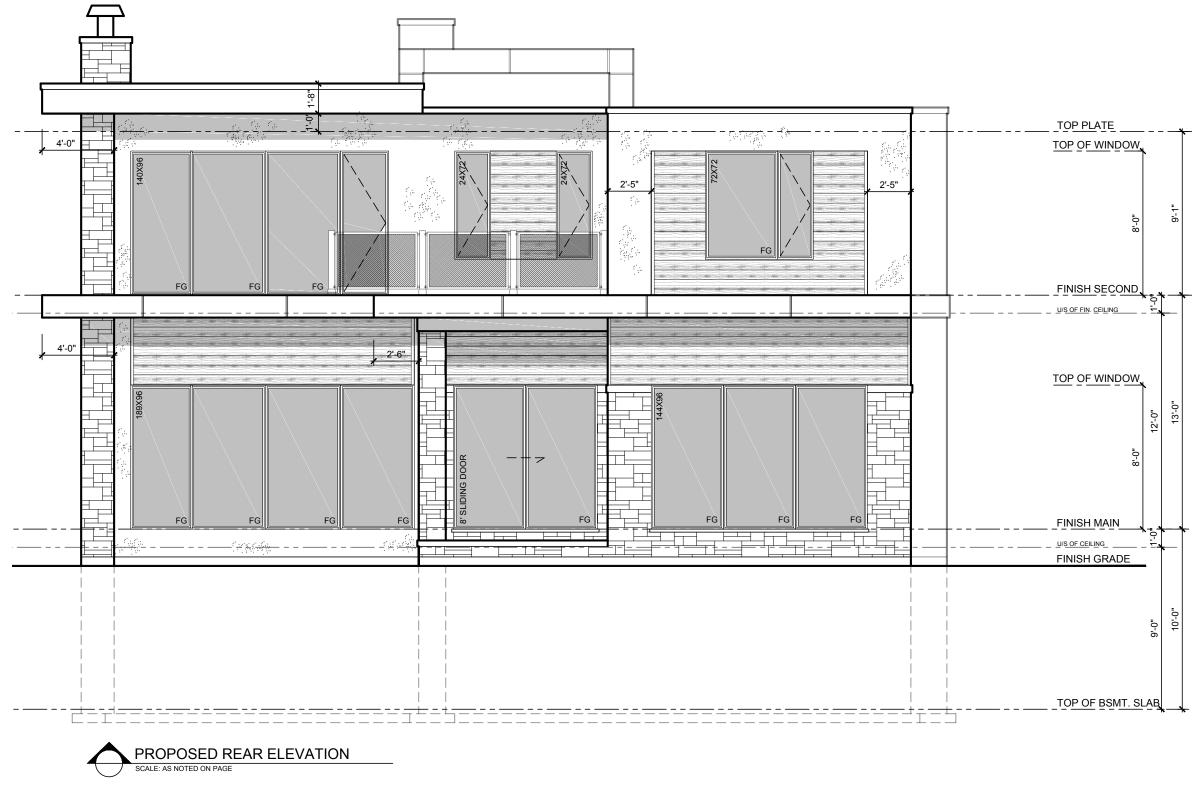
			_
<u>, woq</u>	k		•
8'-0"		9'-1"	
<u>DND</u>	1-0-1 4		•
<u>pow</u>	0"	13'-0"	
8'-0"	12'-0"	11	
<u> </u>		-	~
	9'-0"	10'-0"	
<u>1</u> T. SI	_AB		~

VULCAN DES Professional Service, Ex	
39 VICTORIA STREET E. UNI ALLISTON, ON L9R-1T3 PH: 416-885-5200 FAX: 905-266-0613 EMAIL: dberry@vulcandesignir CONTACT PERSON: DANIEL	nc.com
BCIN DECLAF	RATION:
	SPONSIBILITY R DIVISION C, NTARIO ED AND THE
SIGNATURE:	DATE ^{Jan 01/17}
ENGINEER CERTI	IFICATION:
LEGEND /	LINTELS:
LINTELS:	ABBREVIATIONS:
WOODW1 $2/2"X8"$ W2 $2/2"X10"$ W3 $2/2"X12"$ W4 $3/2"X8"$ W5 $3/2"X10"$ W6 $3/2"X12"$ LVL (2.OE)LVL 1 $2 \cdot 134" \times 7 \cdot 14"$ LVL 2 $3 \cdot 134" \times 9 \cdot 12"$ LVL 4 $3 \cdot 134" \times 9 \cdot 12"$ LVL 5 $2 \cdot 134" \times 11 \cdot 76"$ LVL 6 $3 \cdot 134" \times 14"$ UN.0. FASTEN MULTIPLE PLY LVL'S(2) ROWS @ 12" 0.C. 3 $\frac{1}{2}"$ (160) NAILSOR SDW SCREWSSTEEL LINTELSS1 $<4 \cdot 0"$ L3 $\cdot 1/2" \times 3 \cdot 1/2" \times 5/16"$ S4 $< 10 \cdot 0"$ L6" $\times 3 \cdot 1/2" \times 5/16"$ S4 $< 10 \cdot 0"$ L6" $\times 3 \cdot 1/2" \times 5/16"$ S4 $< 10 \cdot 0"$ L6" $\times 3 \cdot 1/2" \times 5/16"$ S4 $< 10 \cdot 0"$ L6" $\times 3 \cdot 1/2" \times 5/16"$ BEAR LINTELS MIN. 6" EACH END-UNTELS SHALL BE PRIMED TO"CISC/CPMA 2-3"-ORIENT ANGLES LONG LEG VERTMAX. 1" BRICK OVERHANG"WEEP HOLES @ 56" 0.C. MAXWSEP HOLES @ 56" 0.C. MAXWEEP HOLES @ 56" 0.C. MAXWSEP HOLES @ 56" 0.C. MAXW	DJ DOUBLE JOIST TJ TRIPLE JOIST GT GIRDER TRUSS 'DO' DO OVER RJ ROOF JOISTS STL STEEL SB SOLID BEARING (SEE 'FRAMING REQ.'S') PL POINT LOAD FL FLUSH DR DROPPED FG FIXED GLASS FDTN FOUNDATION BG BLACK GLASS JT JACK TRUSS U/S UNDERSIDE T/O TOP OF FG FIXED GLASS CLG CEILING BBFM BEAM BY FLOOR MANUFACTURE SAS LINE CABLE LINE PHONE JACK CEILING EXHAUST FAN PULL CHAIN CLG. LIGHT SWAY SWITCH JGHT SWITCH 20 VOLT RECEPTACLE
$ \begin{array}{c} \bigcirc \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	ELECTRIC RECEPTACLE 42" OFF FINISH FLOOR) FLOOR DRAIN
NO.: REVISION :	DATE: DWN.CHK. OC 29/18 dcb dcb
PROJECT: V18-0465 2160 Olde Bas CALEDO	e Line Rd. N, ON
PG. CONTENT: ELEVATIONS	PAGE:
^{SCALE:} 3/16" = 1'-0	

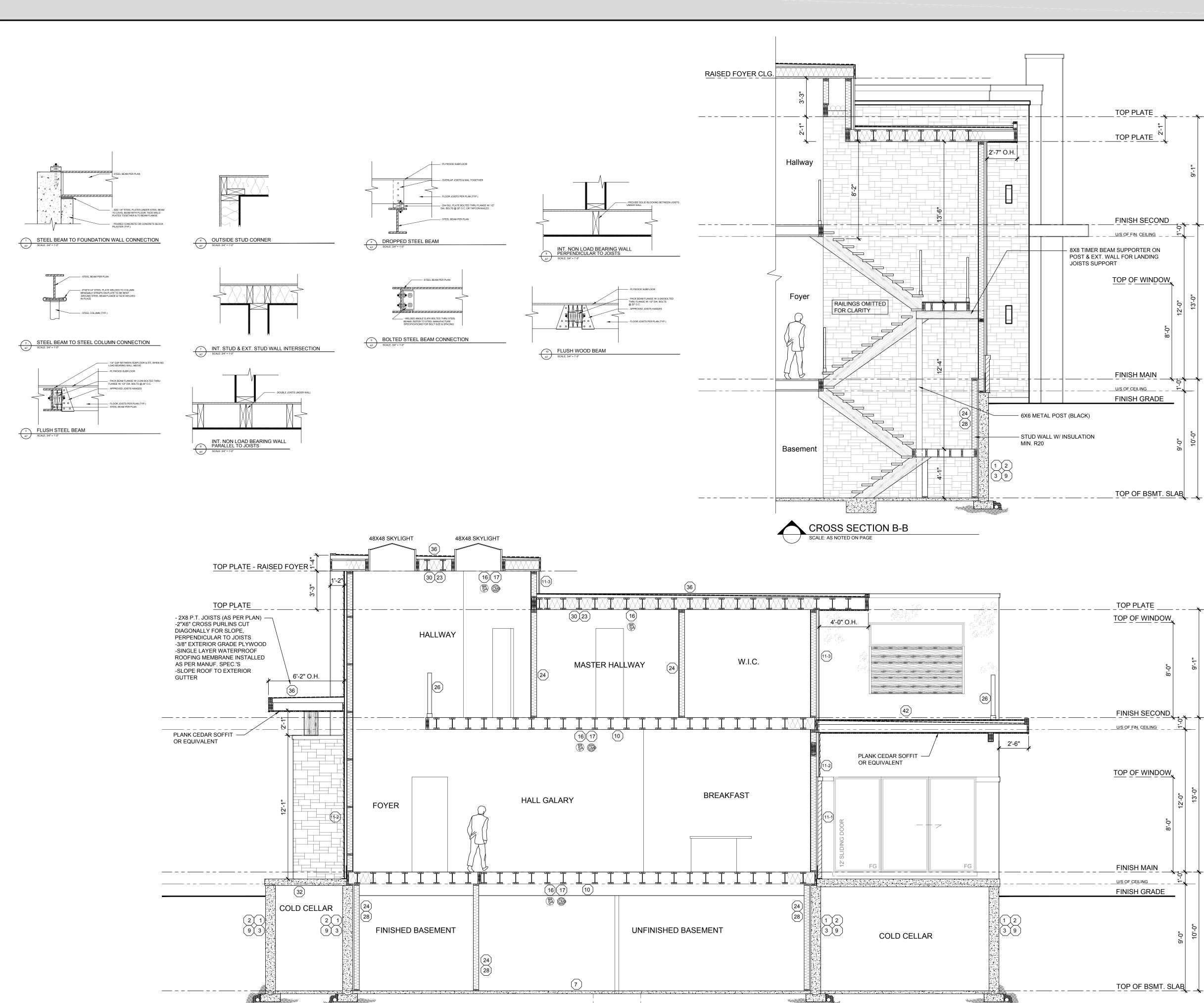


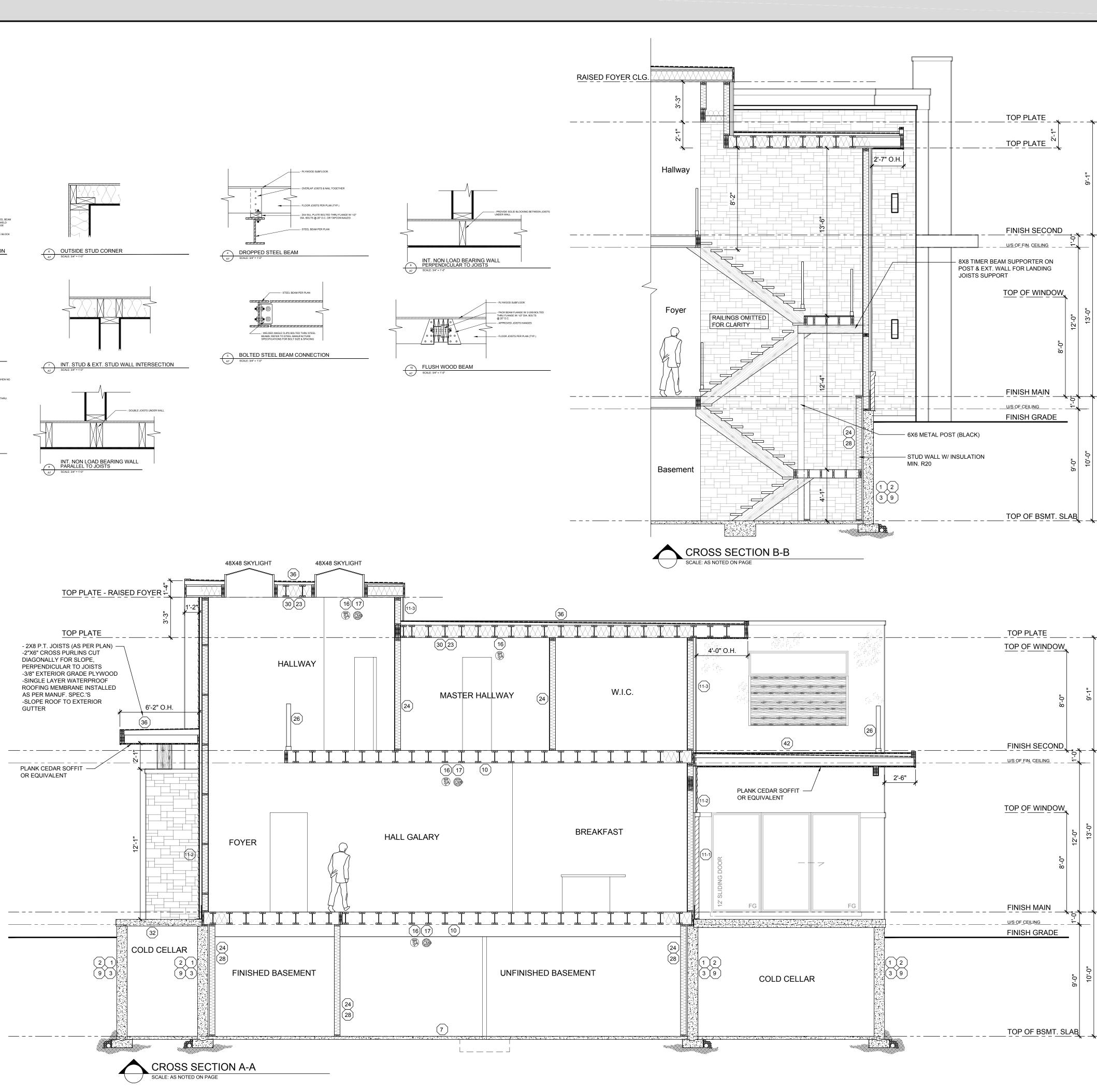
PROPOSED LEFT SIDE ELEVATION SCALE: AS NOTED ON PAGE



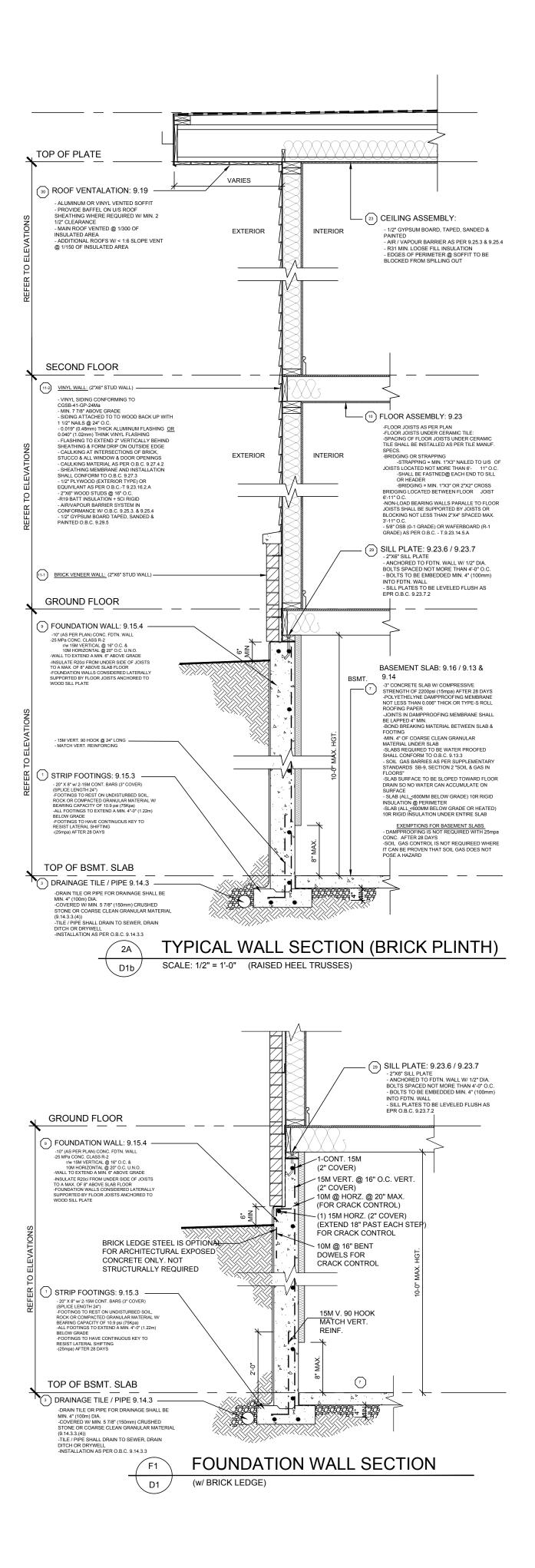


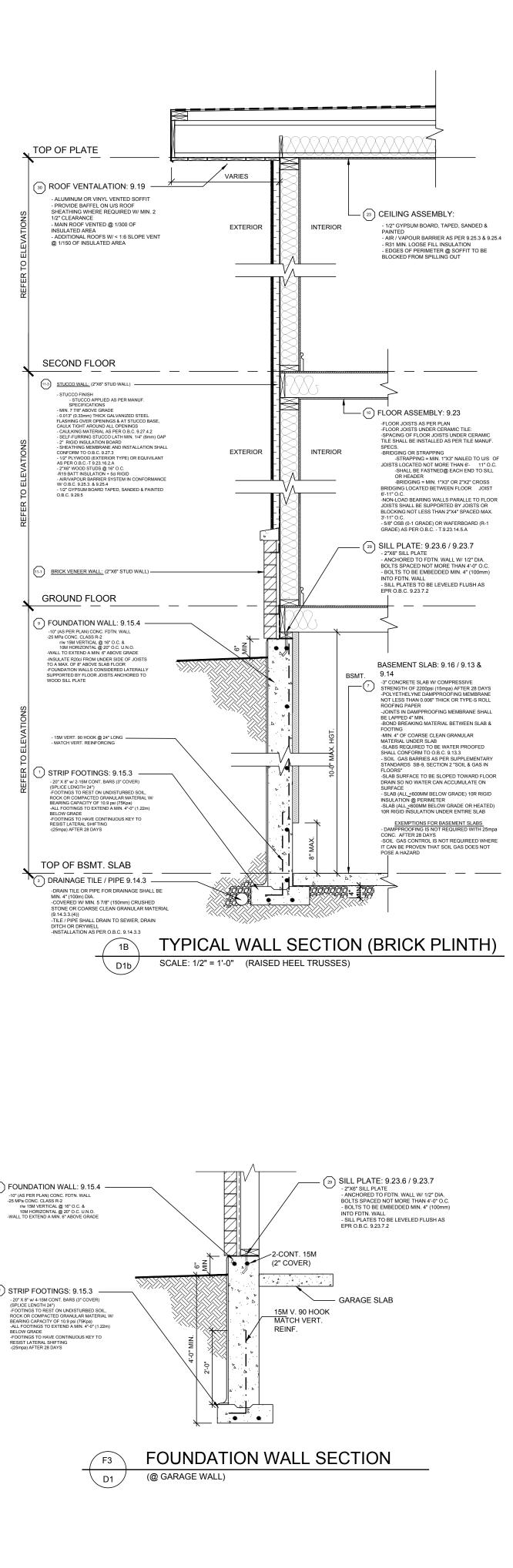
	VULCAN DESIGN INC.
	Professional Service, Exceptional Value 39 VICTORIA STREET E. UNIT #1 ALLISTON, ON L9R-1T3 PH: 416-885-5200 FAX: 905-266-0613 EMAIL: dberry@vulcandesigninc.com CONTACT PERSON: DANIEL BERRY
_	DANIEL BERRY DECLARE THAT I HAVE REVIEWED & TAKE DESIGN RESPONSIBILITY FOR THE DESIGN WORK UNDER DIVISION C, PART 3 SECTION 3.2 OF THE ONTARIO BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CATEGORIES. FIRM BCIN: 26501
	SIGNATURE: DATEJan 01/17
	ENGINEER CERTIFICATION:
	LEGEND / LINTELS:
	POINT LOAD FAN CEILING EXHAUST FAN FIRE PLACE VENT P.C. PULL CHAIN CLG. LIGHT STOVE VENT CEILING LIGHT CELLAR VENT CEILING LIGHT SMOKE ALARM 3 3 WAY SWITCH CARBON MONOXIDE LIGHT SWITCH HOSE BIB 120 VOLT RECEPTACIE WP WATERPROOF 42*
	ELECTRICAL OUTLET ELECTRICAL OUTLET HOOD/CELLAR VENT DRYER VENT NO.: REVISION : 1 Issued for review DATE: DWNCHK OC 29/18 dcb dcb
	2160 Olde Base Line Rd. CALEDON, ON
	ELEVATIONS 3/16" = 1'-0"





VULCAN DE Professional Service, E			
39 VICTORIA STREET E. UN ALLISTON, ON L9R-1T3 PH: 416-885-5200 FAX: 905-266-0613 EMAIL: dberry@vulcandesigr CONTACT PERSON: DANIE	ninc.com		
BCIN DECLARATION:			
I DANIEL BERRY DECLARE TH	IAT I HAVE		
REVIEWED & TAKE DESIGN RESPONSIBILITY FOR THE DESIGN WORK UNDER DIVISION C, PART 3 SECTION 3.2 OF THE ONTARIO BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CATEGORIES. FIRM BCIN: 36501 DESIGNER BCIN: 21107			
SIGNATURE:	DATEJan 01/17		
ENGINEER CER	FIFICATION:		
	/ LINTELS:		
WOOD	ADDREVIATIONS.		
W1 2/2"X8" W2 2/2"X10"	DJ DOUBLE JOIST		
W3 2/2"X12" W4 3/2"X8"	GT GIRDER TRUSS		
W5 3/2"X10" W6 3/2"X12"	'DO' DO OVER		
	RJ ROOF JOISTS STL. STEEL		
<u>LVL (2.0E)</u> LVL 1 2- 1 3/4" X 7-1/4"	SB. SOLID BEARING (SEE 'FRAMING REQ.'S')		
LVL 2 3- 1 3/4" X 7-1/4" LVL 3 2- 1 3/4" X 9-1/2" LVL 4 3- 1 3/4" X 9-1/2"	PL. POINT LOAD		
LVL 5 2- 1 3/4" X 11-7/8" LVL 6 3- 1 3/4" X 11-7/8" LVL 7 2- 1 3/4" X 11-7/8"	FL. FLUSH DR. DROPPED		
LVL 8 3- 1 3/4" X 14" U.N.O. FASTEN MULTIPLE PLY LVL'S			
(2) ROWS @ 12" O.C. 3 ¹ / ₂ " (16d) NAILS OR SDW SCREWS	FDTN. FOUNDATION		
STEEL LINTELS	BG. BLACK GLASS		
S1 <4'-0" L3-1/2" X 3-1/2" - 1/4" S2 < 6'-0" L4" X 3-1/2" X 1/4"	JT JACK TRUSS		
S3 < 8'-0" L5" X 3-1/2" X 5/16" S4 < 10'-0" L6" X 3-1/2" X 5/16"	T/O TOP OF		
-BEAR LINTELS MIN. 6" EACH END -LINTELS SHALL BE PRIMED TO "CISC/CPMA 2-3"	FG. FIXED GLASS CLG. CEILING		
-ORIENT ANGLES LONG LEG VERT. -MAX. 1" BRICK OVERHANG -WEEP HOLES @ 56" O.C. MAX	BBFM BEAM BY FLOOR MANUFACTURE		
Solid Bearing	GAS LINE		
Image: Same width as supported member) Image: Supported member) PL. CONCENTRATED	CABLE LINE PHONE JACK		
POINT LOAD FAN	CEILING EXHAUST FAN		
	PULL CHAIN CLG. LIGHT		
STOVE VENT	CEILING LIGHT		
CELLAR VENT	$\langle \cdot \rangle$		
	3 WAY SWITCH		
DETECTOR DETECTOR DETECTOR	120 VOLT RECEPTACLE		
UVP. WATERPROOF	ELECTRIC RECEPTACLE		
HOOD/CELLAR VENT	(42" OFF FINISH FLOOR)		
NO.: REVISION :	DATE: DWNCHK		
1 Issued for review	OC 29/18 dcb dcb		
PROJECT: V18-0465			
2160 Olde Base Line Rd. CALEDON, ON			
PG. CONTENT: PAGE: TO THE PAGE:			
^{SCALE:} 1/4" = 1'-0"			





(9) FOUNDATION WALL: 9.15.4 --10" (AS PER PLAN) CONC. FDTN. WALL -25 MPa CONC. CLASS R-2 riv 15M VERTICAL @ 16" O.C. & 10M HORIZONTAL @ 20" O.C. U.N.O. -WALL TO EXTEND A MIN. 6" ABOVE GRADE

¹ STRIP FOOTINGS: 9.15.3 –

VULCAN DES Professional Service, Es			
39 VICTORIA STREET E. UN ALLISTON, ON L9R-1T3 PH: 416-885-5200 FAX: 905-266-0613 EMAIL: dberry@vulcandesigni CONTACT PERSON: DANIEL	inc.com		
BCIN DECLARATION:			
I DANIEL BERRY DECLARE THAT I HAVE REVIEWED & TAKE DESIGN RESPONSIBILITY FOR THE DESIGN WORK UNDER DIVISION C, PART 3 SECTION 3.2 OF THE ONTARIO BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CATEGORIES. FIRM BCIN: 36501 DESIGNER BCIN: 21107			
SIGNATURE:	DAT <u>EJan 01/17</u>		
ENGINEER CERT	IFICATION:		
LEGEND	LINTELS:		
LINTELS:	ABBREVIATIONS:		
<u>WOOD</u> W1 2/2"X8"	DJ DOUBLE JOIST		
W2 2/2"X10" W3 2/2"X12"	TJ TRIPLE JOIST GT GIRDER TRUSS		
W4 3/2"X8" W5 3/2"X10" W6 3/2"X12"	'DO' DO OVER		
LVL (2.0E)	RJ ROOF JOISTS STL. STEEL		
LVL (2.02) LVL 1 2- 1 3/4" X 7-1/4" LVL 2 3- 1 3/4" X 7-1/4" LVL 3 2- 1 3/4" X 9-1/2" LVL 4 3- 1 3/4" X 9-1/2" LVL 5 2- 1 3/4" X 11-7/8" LVL 6 3- 1 3/4" X 11-7/8" LVL 7 2- 1 3/4" X 11-7/8" LVL 7 2- 1 3/4" X 14" LVL 8 3- 1 3/4" X 14" U.N.O. FASTEN MULTIPLE PLY LVL'S (2) ROWS @ 12" O.C. 3 $\frac{1}{2}$ " (16d) NAILS	 SB. SOLID BEARING (SEE 'FRAMING REQ.'S') PL. POINT LOAD FL. FLUSH DR. DROPPED FG. FIXED GLASS 		
OR SDW SCREWS	FDTN. FOUNDATION BG. BLACK GLASS		
S1 <4'-0" L3-1/2" X 3-1/2" - 1/4" S2 < 6'-0" L4" X 3-1/2" X 1/4"	JT JACK TRUSS		
S3 < 8'-0" L5" X 3-1/2" X 5/16" S4 < 10'-0" L6" X 3-1/2" X 5/16"	T/O TOP OF		
-BEAR LINTELS MIN. 6" EACH END -LINTELS SHALL BE PRIMED TO "CISC/CPMA 2-3" -ORIENT ANGLES LONG LEG VERT.	FG. FIXED GLASS CLG. CEILING		
-MAX. 1" BRICK OVERHANG -WEEP HOLES @ 56" O.C. MAX	BBFM BEAM BY FLOOR MANUFACTURE		
(SAME WIDTH AS SUPPORTED MEMBER)	GAS LINE CABLE LINE		
POINT LOAD FAN	PHONE JACK CEILING EXHAUST FAN		
	PULL CHAIN CLG. LIGHT		
	CEILING LIGHT		
Image: Cellar vent Image: Cellar vent Image: Cellar	3 WAY SWITCH		
DETECTOR ψ	LIGHT SWITCH		
	120 VOLT RECEPTACLE		
	(42" OFF FINISH FLOOR) FLOOR DRAIN		
	DATE: DWN.CHK		
NO.: REVISION : 1 Issued for review	OC 29/18 dcb dcb		
PROJECT: V18-0465 2160 Olde Base Line Rd.			
CALEDON, ON PG. CONTENT: PAGE:			
$\frac{\text{SECTIONS}}{1/4"} = 1'-0"$			
1/4 - 1-0			